

# KENSINGTON PUBLIC SAFETY BUILDING

## ISSUED FOR BUILDING PERMIT

This job may need to comply with local fire district ordinances  
Please contact the Fire Department plan check staff.  
Kensington Fire District - (510) 527-8395  
Contra Costa County Building Inspection  
By: ROSALINA ACUFF 8:23 am, Aug 01, 2022



217 Arlington Avenue  
KENSINGTON, CA 94707

BUILDING PERMIT PLAN CHECK RESPONSE  
JULY 22ND, 2022

APPROVALS:

\_\_\_\_\_  
BILL HANSELL  
Kensington General Manager

**CITY OF KENSINGTON**  
KENSINGTON FIRE PROTECTION DISTRICT  
217 Arlington Avenue, Kensington CA 94707  
(510) 527-8395

**CONTRA COSTA COUNTY**  
CONSERVATION AND DEVELOPMENT DEPARTMENT  
30 Muir Road, Martinez, CA 94553  
(925) 655-2700

**ARCHITECT**  
MARJANG ARCHITECTURE  
930 Cole Street, Suite 101, San Francisco CA 94070  
(415) 522-0600

**STRUCTURAL ENGINEERING**  
ZFA STRUCTURAL ENGINEERS  
1390 El Camino Real, Suite 100, San Carlos, CA 94070  
(650) 394-8869

**CIVIL ENGINEERING**  
BKF ENGINEERS  
1646 N. California Boulevard, Suite 400, Walnut Creek, CA 94596  
(510) 879-4544

**MECHANICAL ENGINEERING**  
LIST ENGINEERING COMPANY  
2 Harris Court, Suite A7, Monterey CA 93940  
(831) 373-4390

**GEOTECHNICAL ENGINEER**  
HALEY ALDRICH  
1956 Webster Street, #300, Oakland CA 94612  
(510) 879-4544

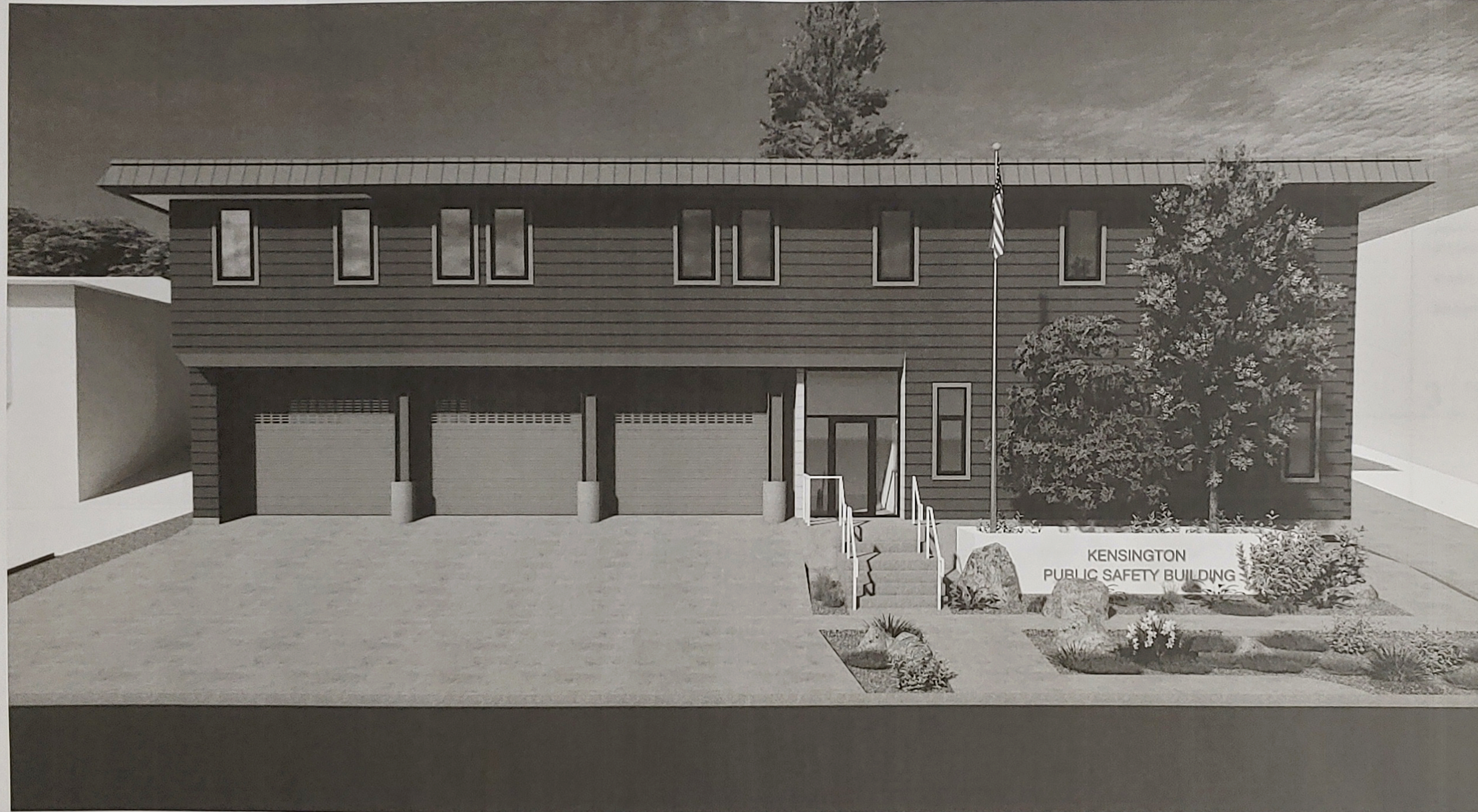
**SPECIAL SYSTEMS, SECURITY, & ACOUSTICAL ENGINEERING**  
SMITH, FAUSE, & MCDONALD INC.  
351 8th Street, San Francisco CA 94103  
(415) 255-9140

**ESTIMATOR**  
MICROESTIMATION INC.  
850 S. Van Ness Avenue, #26, San Francisco CA 94110  
(415) 255-9140

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER:  
BICA22-00407  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO  
INSPECTORS AT ALL TIMES.  
9:58 am, Aug 05, 2022  
**REVIEWED**  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES. THE STAMPING  
OF THIS DOCUMENT SHALL NOT BE HELD TO PERMIT OR TO BE AN  
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217 Arlington Avenue  
KENSINGTON, CA 94707

**SUPERCEDED**  
KEEP SHEET FOR APPROVED/REVIEWED STAMPS  
By: ROSALINA ACUFF 7:50 am, Aug 29, 2022

APPROVALS:

BILL HANSELL  
Kensington General Manager

A STEGE SANITARY DISTRICT PERMIT AND PAYMENT OF FEES ARE REQUIRED PRIOR TO PERFORMING WORK ON SEWER LINES.

- APPROVED AS IS.
- CONDITIONAL APPROVAL
- INSTALL \* BACKFLOW PREVENTION DEVICE PER DISTRICT ORDINANCE.
- MINIMUM SEWER LATERAL SIZE
- \* 4"Ø - Single Family Dwelling
- \* 4"Ø - Commercial or Multi-Family Dwelling.\*
- GREASE INTERCEPTOR REQUIRED.
- SEWER CAPACITY STUDY REQUIRED.
- ABANDONED SEWER LATERALS SHALL BE CAPPED AT THE MAIN.
- REVISION AND RESUBMIT.

By: *[Signature]* Date: 8/29/22

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By: ROSALINA ACUFF

BUILDING PERMIT PLAN CHECK RESPONSE  
JULY 22ND, 2022



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 95040  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

PROJECT DATA	EXISTING	ALLOWABLE	PROPOSED
CONSTRUCTION TYPE	V-B	V-B	V-B
OCCUPANCY GROUP	R2, S2, B		R2, S2, B
BUILDING HEIGHT	25'-11"	60'-0"	25'-11"
BUILDING AREA (GROSS SF)			
GF (STREET LEVEL)	2871		2871
2F	2917		3262 (345 SF ADDITION)
TOTAL AREA	5788	21,000	6133
NO. OF STORIES	2	3	2

## 4 PROJECT INFORMATION

SCALE: 1/2" = 1'-0"

LOCATION: 217 ARLINGTON AVE  
 KENSINGTON, CA 94707

PARCEL: 570-050-021

ZONING: K-COMBINING DISTRICT, R-6

GENERAL USE: PS

SET BACKS:  
 SIDES: 15'-0" AGGREGATE, NO LESS THAN 5'-0"  
 FRONT: 25'-0"  
 REAR: 15'-0", 3'-0" ACCESSORY

HEIGHT LIMIT: 35'-0" (2-1/2 STORIES)

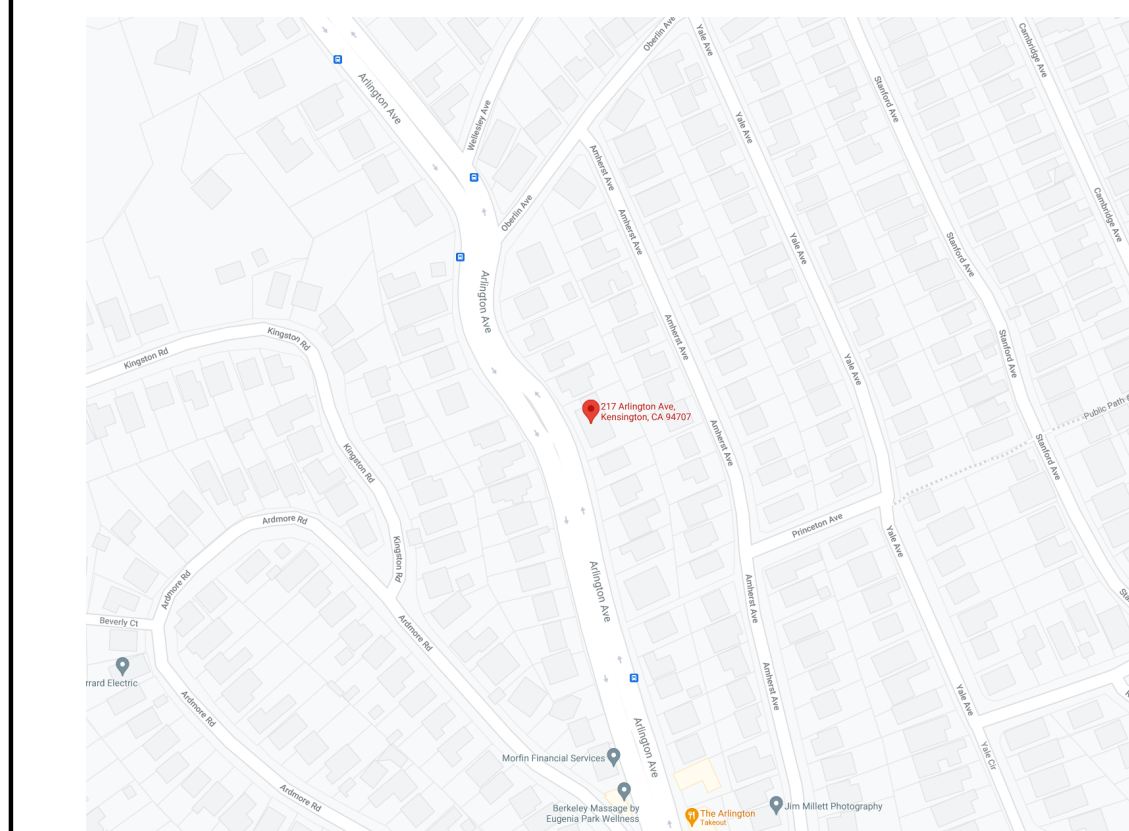
BUILDING HEIGHT:  
 EXISTING: 25'-11"  
 PROPOSED: 25'-11"

STORIES:  
 EXISTING: 2  
 PROPOSED: 2

BUILDING AREA:  
 EXISTING: 5788 SF  
 PROPOSED: 6133 SF

## 3 PLANNING INFORMATION

SCALE: 1/2" = 1'-0"



## 2 VICINITY MAP

SCALE: 1/2" = 1'-0"

PROPOSED SCOPE OF WORK:

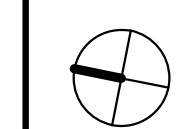
- 345 SF 2ND LEVEL ADDITION TO ENCLOSE EXISTING DECK SPACE.
- EXTERIOR WORK INCLUDES NEW WINDOWS, REPLACEMENT OF GARAGE DOORS, NEW ROOFING MEMBRANE. SIDING TO BE REPLACED AS REQUIRED (MATCH EXISTING).
- FULL INTERIOR REMODEL
- SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AUDIO VISUAL, ELECTRICAL, AND SECURITY DRAWINGS FOR SCOPE OF WORK.

CONTRA COSTA COUNTY  
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 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
6	PLANNING REVISION 2	02/04/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 TITLE SHEET



# A001

### GENERAL NOTES

- ALL CONSTRUCTION AND DETAILS SHALL BE COMPLETED IN FULL COMPLIANCE WITH 2019 UNIFORM BUILDING CODE, 2019 CALIFORNIA RESIDENTIAL CODE, 2019 CALIFORNIA BUILDING CODE, 2019 CALIFORNIA MECHANICAL CODE, 2019 CALIFORNIA ELECTRICAL CODE, 2019 CALIFORNIA FIRE CODE, 2019 CALIFORNIA PLUMBING CODE, 2019 CALIFORNIA PLUMBING CODE, 2019 CALIFORNIA ENERGY CODE, AND ALL OTHER APPLICABLE LOCAL AND STATE CODES AND REQUIREMENTS. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS, LAWS, ORDINANCES AND ORDERS BY ANY PUBLIC AUTHORITY HAVING JURISDICTION OF THE PROJECT.
- THE CONTRACTOR AND HIS/HER SUB-CONTRACTORS SHALL STUDY AND COMPARE THE CONTRACT DOCUMENTS AND SHALL AT ONCE REPORT TO THE ARCHITECT IN WRITING ALL ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING THE WORK. IF THE CONTRACTOR PROCEEDS WITH ANY OF THE WORK SO AFFECTED WITHOUT WRITTEN INSTRUCTIONS OF THE ARCHITECT, THE CONTRACTOR SHALL MAKE GOOD AT HIS OWN COST ANY RESULTING ERROR, DAMAGE, OR DEFECTS. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK WITHOUT CONTRACT DOCUMENTS OR, WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES FOR SUCH PORTION OF THE WORK.
- THE INTENT OF THESE DRAWINGS IS TO PROVIDE A COMPLETE AND FINISHED JOB IN ALL RESPECTS. CONTRACTOR TO MAKE ACCURATE FIELD INSPECTIONS OF ALL ASPECTS OF THE JOB, VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK, AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. EXTRAS WILL NOT BE ALLOWED UNLESS AUTHORIZED BY THE OWNER AND ARCHITECT BY WRITTEN CHANGE ORDER.
- ALL GRID LINES AND DIMENSIONS ARE TO CENTER LINE OF ARCHITECTURAL ELEMENT, CENTER LINE OF STUD, OR FACE OF FINISH UNLESS OTHERWISE NOTED. ONLY WRITTEN DIMENSIONS ON DRAWINGS SHALL BE CONSIDERED FOR DIMENSIONING PURPOSES. DO NOT SCALE DRAWINGS.
- BUILDING CODE REQUIREMENTS TAKE PRECEDENCE OVER THE DRAWINGS AND IT SHALL BE THE RESPONSIBILITY OF ANYONE SUPPLYING LABOR OR MATERIALS OR BOTH TO CONFORM WITH THE CODE, AND TO BRING TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCIES OR CONFLICTS BETWEEN THE REQUIREMENTS OF THE CODE AND THE DRAWINGS.
- CONTRACTOR SHALL CHECK WITH ALL EQUIPMENT AND PRODUCT MANUFACTURERS TO VERIFY DIMENSIONS AND DETAILS PRIOR TO THE COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTION PROGRAMS IN CONNECTION WITH WORK, AND FOR MAINTAINING APPROPRIATE INSURANCE TO PROTECT THE CONTRACTOR, THE OWNER AND THE ARCHITECT.
- CONTRACTOR SHALL ERECT AND MAINTAIN TEMPORARY BARRICADES AND DUST-PROOF PARTITIONS AS NEEDED FOR PROTECTION AGAINST ACCIDENT, AND SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF HIS/HER ONGOING WORK AND THE OWNER'S PROPERTY FROM DAMAGE OR LOSS ARISING IN CONNECTION WITH ANY CONSTRUCTION.
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- BUILDING APPROVED HVAC MECHANICAL ENGINEER TO REVIEW DRAWINGS AND EXISTING SYSTEM TO CONFIRM CODE COMPLIANCE, AND COMPLETE WORK AS NECESSARY TO MEET BUILDING CODE.

## 7 GENERAL NOTES

SCALE: 1/2" = 1'-0"

ADJ.	Adjacent	LEV.	Level
A.F.F.	Above Finish Floor	LOC.	Location
@	At	MAX.	Maximum
BD.	Board	MECH.	Mechanical
BETW.	Between	MEMB.	Membrane
BLKG.	Blocking	MFR.	Manufacturer
BM.	Beam	MIN.	Minimum
C.J.	Control Joint	MTD.	Mounted
C.L.	Center Line	MTL.	Metal
CLNG.	Ceiling	MOD.	Module
CLR.	Clear	N.I.C.	Not in Contract
COL.	Column	NO.	Number
CONC.	Concrete	(N)	New
CONST.	Construction	O.C.	On Center
CONT.	Continuous	OPNG.	Opening
DBL.	Double	OPP.	Opposite
DIA.	Diameter	P.L.	Property Line
DIM.	Dimension	PLT.	Plate
DN.	Down	PLY.	Plywood
DR.	Door	PT.	Point
DTL.	Detail	PTD.	Painted
DWG.	Drawing	RAD.	Radius, Radii
EA.	Each	R.D.	Roof Drain
EL.	Elevation	R.	Refer To
ELEC.	Electrical	RES.	Resistant
ELEV.	Elevator	RESIL.	Resilient
EQ.	Equal/Equal To	REQ'D	Required
EQUIP.	Equipment	RM.	Room
EXP.	Expansion	R.O.	Rough Opening
EXT.	Exterior	S.C.	Solid Core
(E)	Existing	SCHED.	Scheduled
F.F.	Finish Floor	SECT.	Section
FLR.	Floor	SHT.	Sheet
FLUOR.	Fluorescent	SIM.	Similar
FIN.	Finish	SKD GD.	Skid Guard
F.O.	Face Of	SSD	See Structural Dwg's.
F.O.S.	Face of Stud	ST. STL.	Stainless Steel
F.O.W.	Face of Wall	STRUCT.	Structural
GA.	Gauge	SUSP.	Suspended
GR.	Grade	THK.	Thick
GSM.	Galvanized Sheet Metal	THRU.	Through
GYP. BD.	Gypsum Board	T.O.	Top Of
H.C.	Hollow Core	TYP.	Typical
H.M.	Hollow Metal	UNLESS	Unless Otherwise Noted
HR.	Hour	VEN.	Veneer
HT.	Height	VEST.	Vestibule
INS.	Insulation	VER.	Verify
INT.	Interior	V.I.F.	Verify in Field
JT.	Joint	W/	With
		WD.	Wood

## 6 ABBREVIATIONS

SCALE: 1/2" = 1'-0"

## 5 SYMBOLS LEGEND

SCALE: 1/2" = 1'-0"

	CENTER LINE
	PROJECT NORTH
	LEVEL NAME AND ELEVATION DATUM
	GRIDLINE
	BUILDING AND DETAIL SECTION: I.E., DRAWING 1, SHEET A101
	ELEVATIONS AND INTERIOR ELEVATIONS: I.E., DRAWING 1 REF, SHEET A101
	CONTROL OR DATUM POINT
	LARGE SCALE DETAIL: I.E., DRAWING 1, SHEET A101
	STAIR RUN TAG: NUMBER OF RISERS AND HEIGHT
	DOOR TAG RE: DOOR SCHEDULE
	WINDOW TAG RE: WINDOW SCHEDULE
	ROOM TAG, NAME AND NUMBER
	PARTITION TYPE TAG
	REVISION NUMBER

## 1 SCOPE OF WORK

SCALE: 1/2" = 1'-0"

**R703.6.2.1 Weep Screeds (California Building Code 2019)**

A minimum 0.019 inch (0.5mm)(No. 26 galvanized sheet gauge), corrosion-resistant or plastic weep screed, with a minimum vertical attachment flange of 3 1/2 inches (89mm) shall be provided at or below the foundation plate line on exterior stud walls in accordance with ASTM C926. The weep screed shall be placed a minimum of 4 inches (102mm) above earth or 2 inches above paved areas and shall be a type that will allow trapped water to drain to the exterior of the structure. The weather resistant barrier shall lap the attachment flange. The exterior lath shall cover and terminate on the attachment flange of the weep screed.

**1804.4 Site Grading (California Building Code 2019)**

The ground immediately adjacent to the foundation shall be sloped away from the building at a slope not less than one unit vertical in 20 units horizontal (5% slope) for a minimum distance of 10 feet (3048mm) of horizontal surface, a 5-percent slope shall be provided to an approved alternate method of diverting water away from the foundation. Swales used for this purpose shall be sloped a minimum of 2-percent where located within 10 feet (3048 mm) of the building foundation. Impervious surfaces within 10 feet (3048 mm) of the building foundation shall be sloped a minimum of 2-percent away from the building.

**Exception:** Where climatic or soil conditions warrant, the slope of the ground away from the building foundation shall be permitted to be reduced to not less than one vertical unit in 48 units horizontal (2-percent slope)

The procedure used to establish the final ground level adjacent to the foundation shall account for additional settlement of the backfill.

**716-8.602 Drainage Disposal (Contra Costa County Ordinance 99-46)**

If the drainage device discharges onto natural ground, an energy dissipater may be required.

**SUPERCEDED**

KEEP SHEET FOR APPROVED/REVIEWED STAMPS

By: ROSALINA ACUFF

8:02 am, Aug 01, 2022

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BLKG.	Blocking	MFR.	Manufacturer
BM.	Beam	MIN.	Minimum
C.J.	Control Joint	MTD.	Mounted
C.L.	Center Line	MTL.	Metal
CLNG.	Ceiling	MOD.	Module
CLR.	Clear	N.I.C.	Not in Contact
COL.	Column	NO.	Number
CONC.	Concrete	(N)	New
CONST.	Construction	O.C.	On Center
CONT.	Continuous	OPNG.	Opening
DBL.	Double	OPP.	Opposite
DIA.	Diameter	P.L.	Property Line
DIM.	Dimension	PLT.	Plate
DN.	Down	PLY.	Plywood
DR.	Door	PT.	Point
DTL.	Detail	PTD.	Painted
DWG.	Drawing	RAD.	Radius, Radii
EA.	Each	R.D.	Roof Drain
EL.	Elevation	R.	Refer To
ELEC.	Electrical	RES.	Resistant
ELEV.	Elevator	RESIL.	Resilient
EQ.	Equal/Equal To	REQ'D	Required
EQUIP.	Equipment	RM.	Room
EXP.	Expansion	R.O.	Rough Opening
EXT.	Exterior	S.C.	Solid Core
(E)	Existing	SCHED.	Scheduled
F.F.	Finish Floor	SECT.	Section
FLR.	Floor	SHT.	Sheet
FLUOR.	Fluorescent	SIM.	Similar
FIN.	Finish	SKD GD.	Skid Guard
F.O.	Face Of	SSD	See Structural Dwg's.
F.O.S.	Face of Stud	ST. STL.	Stainless Steel
F.O.W.	Face of Wall	STRUCT.	Structural
GA.	Gauge	SUSP.	Suspended
GR.	Grade	THK.	Thick
GSM.	Galvanized Sheet Metal	THRU.	Through
GYP. BD.	Gypsum Board	T.O.	Top Of
H.C.	Hollow Core	TYP.	Typical
H.M.	Hollow Metal	UNO.	Unless Otherwise Noted
HR.	Hour	VEN.	Veneer
HT.	Height	VEST.	Vestibule
INS.	Insulation	VER.	Verify
INT.	Interior	V.I.F.	Verify in Field
JT.	Joint	W/	With
		WD.	Wood

6 ABBREVIATIONS

SCALE: 1/2" = 1'-0"

Grading Reviewed  
By: Jonathan Bodnar  
3:21 am, Nov 19, 2022

PROJECT DATA	EXISTING	ALLOWABLE	PROPOSED
CONSTRUCTION TYPE	V-B	V-B	V-B
OCCUPANCY GROUP	R2, S2, B		R2, S2, B
BUILDING HEIGHT	25'-11"	60'-0"	25'-11"
BUILDING AREA (GROSS SF)			
GF (STREET LEVEL)	2871		2871
2F	2917		3262 (345 SF ADDITION)
TOTAL AREA	5788	21,000	6133
NO. OF STORIES	2	3	2

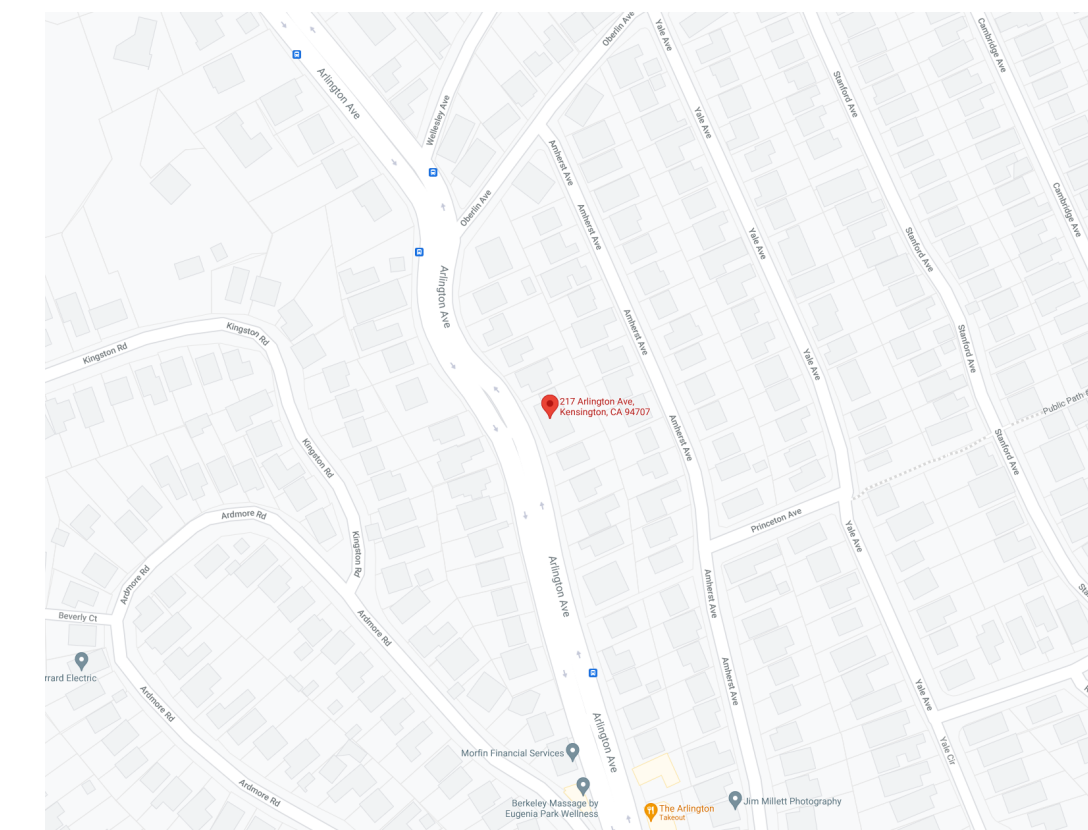
4 PROJECT INFORMATION

SCALE: 1/2" = 1'-0"

LOCATION:	217 ARLINGTON AVE KENSINGTON, CA 94707
PARCEL:	570-050-021
ZONING:	K-COMBINING DISTRICT, R-6
GENERAL USE:	PS
SET BACKS:	SIDES: 15'-0" AGGREGATE, NO LESS THAN 5'-0" FRONT: 25'-0" REAR: 15'-0", 3'-0" ACCESSORY
HEIGHT LIMIT:	35'-0" (2-1/2 STORIES)
BUILDING HEIGHT:	EXISTING: 25'-11" PROPOSED: 25'-11"
STORIES:	EXISTING: 2 PROPOSED: 2
BUILDING AREA:	EXISTING: 5788 SF PROPOSED: 6133 SF

3 PLANNING INFORMATION

SCALE: 1/2" = 1'-0"



2 VICINITY MAP

SCALE: 1/2" = 1'-0"

PROPOSED SCOPE OF WORK:  
- 345 SF 2ND LEVEL ADDITION TO ENCLOSE EXISTING DECK SPACE.  
- EXTERIOR WORK INCLUDES NEW WINDOWS, REPLACEMENT OF GARAGE DOORS, NEW ROOFING MEMBRANE. SIDING TO BE REPLACED AS REQUIRED (MATCH EXISTING).  
- FULL INTERIOR REMODEL  
- SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AUDIO VISUAL, ELECTRICAL, AND SECURITY DRAWINGS FOR SCOPE OF WORK.

MARJANG ARCHITECTURE



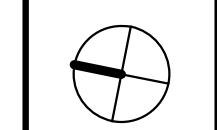
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217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
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SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600  
STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
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T: (650) 394-8869  
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1646 N. CALIFORNIA BLVD STE 400  
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GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
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CONTACT: CATHERINE ELLIS  
T: (510) 879-4544  
MEP: LIST ENGINEERING CO.  
531 HARRIS CT STE A7  
MONTEREY, CA 95040  
CONTACT: RON BLUE  
T: (831) 373-4390  
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140  
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
6	PLANNING REVISION 2	02/04/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
TITLE SHEET



A001

STAMP



PROJECT ADDRESS

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KENSINGTON, CA 94707

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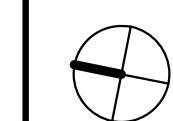
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7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION SHEET INDEX



# A002

## SHEET INDEX

### GENERAL

- A000 COVER SHEET
- A001 TITLE SHEET
- A002 SHEET INDEX
- A009 CODE DIAGRAM - SITE PLAN
- A010 CODE DIAGRAM LEVEL 1
- A011 CODE DIAGRAM LEVEL 2
- A012 GROUND FLOOR SIGNAGE PLAN
- A013 SECOND FLOOR SIGNAGE PLAN
- A014 ACCESSIBILITY REQUIREMENTS & SIGNAGE
- A015 ACCESSIBILITY REQUIREMENTS & SIGNAGE

### CIVIL

- C1.0 EXISTING CONDITIONS
- C2.0 SITE PLAN
- C3.0 GRADING PLAN
- C4.0 CIVIL DETAILS

### ARCHITECTURE

- A101 SITE PLAN
- A201 EXISTING AND DEMOLITION 1ST LEVEL FLOOR PLAN
- A202 PROPOSED 1ST LEVEL FLOOR PLAN
- A203 EXISTING AND DEMOLITION 2ND LEVEL FLOOR PLAN
- A204 PROPOSED 2ND LEVEL FLOOR PLAN
- A205 PROPOSED 1ST LEVEL REFLECTED CEILING PLAN
- A206 PROPOSED 2ND LEVEL FLOOR REFLECTED CEILING PLAN
- A207 EXISTING ROOF PLAN
- A208 PROPOSED ROOF PLAN
- A301 EXTERIOR ELEVATIONS - WEST
- A302 EXTERIOR ELEVATIONS - SOUTH
- A303 EXTERIOR ELEVATIONS - EAST
- A304 EXTERIOR ELEVATIONS - NORTH
- A401 BUILDING SECTIONS
- A402 BUILDING SECTIONS
- A501 DOOR SCHEDULE
- A502 WINDOW SCHEDULE
- A503 FINISH SCHEDULE
- A601 ENLARGED PLAN & INTERIOR ELEVATIONS
- A602 ENLARGED PLAN & INTERIOR ELEVATIONS
- A603 ENLARGED PLAN & INTERIOR ELEVATIONS
- A604 ENLARGED PLAN & INTERIOR ELEVATIONS
- A605 ENLARGED PLAN & INTERIOR ELEVATIONS
- A606 ENLARGED PLAN & INTERIOR ELEVATIONS
- A607 ENLARGED PLAN & INTERIOR ELEVATIONS
- A608 ENLARGED PLAN & INTERIOR ELEVATIONS
- A701 WALL SECTIONS
- A702 ENLARGED STAIR PLAN, SECTION & DETAILS
- A703 ENLARGED ELEVATOR PLAN, SECTION & DETAILS
- A704 ENLARGED ELEVATOR ELEVATIONS
- A705 ENLARGED WHEELCHAIR LIFT PLAN SECTION, & DETAILS
- A801 EXTERIOR DETAILS
- A802 EXTERIOR DETAILS
- A803 ROOF DETAILS
- A901 INTERIOR DETAILS - WALL TYPES
- A902 INTERIOR DETAILS - WALL TYPES
- A903 INTERIOR DETAILS
- A904 INTERIOR DETAILS - CEILING
- A905 INTERIOR DETAILS
- A906 INTERIOR DETAILS
- A907 INTERIOR DETAILS
- A908 INTERIOR DETAILS

### STRUCTURAL

- S001 GENERAL NOTES AND SPECIFICATIONS
- S002 GENERAL NOTES AND SPECIFICATIONS
- S101 TYPICAL CONCRETE DETAILS
- S102 TYPICAL CONCRETE GRADE BEAM DETAILS
- S103 TYPICAL WOOD DETAILS
- S104 TYPICAL WOOD DETAILS
- S105 TYPICAL STEEL FRAMING DETAILS
- S201 FOUNDATION PLAN
- S202 SECOND FLOOR FRAMING PLAN
- S203 ROOF FRAMING PLAN
- S301 ELEVATIONS AND SECTIONS
- S302 ELEVATIONS AND SECTIONS
- S401 FOUNDATION DETAILS
- S402 FOUNDATION DETAILS
- S403 FOUNDATION AND ELEVATOR DETAILS
- S404 FOUNDATION DETAILS
- S601 STAIR FRAMING DETAILS
- S602 SECOND FLOOR DETAILS
- S603 SECOND FLOOR DETAILS
- S604 SECOND FLOOR DETAILS
- S605 ROOF DETAILS

### MECHANICAL

- M001 MECHANICAL TITLE SHEET
- M002 MECHANICAL SCHEDULE
- M003 TITLE 24 DOCUMENTS
- M004 TITLE 24 DOCUMENTS
- M005 TITLE 24 DOCUMENTS
- M006 TITLE 24 DOCUMENTS
- M201 MECHANICAL GROUND FLOOR PLAN
- M202 MECHANICAL SECOND FLOOR PLAN
- M203 MECHANICAL ROOF PLAN
- M601 MECHANICAL DETAILS
- M602 MECHANICAL DETAILS

### PLUMBING

- P001 PLUMBING TITLE SHEET
- P002 PLUMBING SCHEDULE
- P003 TITLE 24 DOCUMENTS
- P201 UNDERGROUND PLUMBING PLAN
- P202 PLUMBING WASTE, RWL & VENT GROUND FLOOR PLAN
- P203 PLUMBING WASTE, RWL & VENT SECOND FLOOR PLAN
- P204 PLUMBING WASTE, & VENT ROOF PLAN
- P205 PLUMBING DCW, DHW, & GAS GROUND FLOOR PLAN
- P206 PLUMBING DCW, DHW, & GAS SECOND FLOOR PLAN
- P601 PLUMBING DETAILS

### FIRE PROTECTION

- FP001 FIRE PROTECTION TITLE SHEET
- FP201 FIRE PROTECTION GROUND FLOOR PLAN
- FP202 FIRE PROTECTION SECOND FLOOR PLAN

### ELECTRICAL

- E001 NOTES, ABBREVIATIONS, AND SHEET INDEX
- E002 ELECTRICAL SYMBOLS AND LEGEND
- E003 SCHEDULE AND SINGLE LINE DIAGRAM
- E004 TITLE 24 FORMS
- E005 TITLE 24 FORMS
- E101 SITE PLAN
- E201 LIGHTING PLANS
- E301 POWER AND LOW VOLTAGE PLANS
- E401 FIRE ALARM PLANS
- E402 FIRE ALARM RISER AND DETAILS
- E501 ENLARGED PLANS AND DETAILS

### AUDIOVISUAL

- TA001 GENERAL NOTES, SYMBOLS, AND LEGEND
- TA002 ABBREVIATIONS, LEGEND & JUNCTION BOX SCHEDULE
- TA003 SYMBOL SCHEDULE
- TA202 AUDIO VISUAL - GROUND FLOOR PLAN & ELEVATIONS
- TA204 AUDIO VISUAL - SECOND FLOOR PLAN
- TA602 AUDIO VISUAL - FIRST FLOOR RCP
- TA604 AUDIO VISUAL - SECOND FLOOR RCP
- TA701 MEETING ROOM 111 AUDIOVISUAL FUNCTIONAL DIAGRAM
- TA702 PUBLIC ADDRESS SINGLE LINE DIAGRAM
- TA703 DAYROOM, KITCHEN-DINING & EXERCISE ROOM AV FUNCTIONAL DIAGRAMS

- TA704 CATV & DBS SYSTEMS DISTRIBUTION SINGLE LINE DIAGRAMS
- TA901 DETAILS - RACK R18
- TA902 DETAILS - FC6 FLOOR BOX
- TA903 DETAILS - FPWB & FLAT PANEL MOUNT

### COMMUNICATIONS

- TN001 COMMUNICATIONS - GENERAL NOTES, LEGEND, SYMBOLS, ABBREVIATIONS, AND JBOX SCHEDULE
- TN002 COMMUNICATIONS - SYMBOL SCHEDULE
- TN202 COMMUNICATIONS - GROUND FLOOR PLAN
- TN204 COMMUNICATIONS - SECOND FLOOR PLAN
- TN401 (E) IT-ELEC 203 - ENLARGED PLAN, RCP & ELEVATIONS
- TN602 COMMUNICATIONS - FIRST FLOOR RCP
- TN604 COMMUNICATIONS - SECOND FLOOR RCP
- TN901 DETAILS - DEVICES
- TN902 DETAILS - RACK R15
- TN903 DETAILS - RACK R28
- TN904 DETAILS - OUTSIDE PLANT

### SECURITY

- TY001 GENERAL NOTES, LEGEND, SYMBOLS, ABBREVIATIONS, AND JBOX SCHEDULE
- TY002 SYMBOL SCHEDULE
- TY202 ELEC-SECURITY - GROUND FLOOR PLAN
- TY204 ELEC-SECURITY - SECOND FLOOR PLAN
- TY205 ELEC-SECURITY - ROOF PLAN
- TY602 ELEC-SECURITY - FIRST FLOOR RCP
- TY604 ELEC-SECURITY - SECOND FLOOR RCP
- TY701 ACCESS CONTROLS AND IDS SINGLE LINE DIAGRAM
- TY901 DETAILS - ELECTRONIC SECURITY SYSTEMS ACCESS CONTROL
- TY902 DETAILS - ELECTRONIC SECURITY SYSTEMS VIDEO SURVEILLANCE SYSTEMS

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BICA22-004407

THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.

9:58 am, Aug 05, 2022

REVIEWED

FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PERMIT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.

By: ROSALINA ACUFF

STAMP



PROJECT ADDRESS  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

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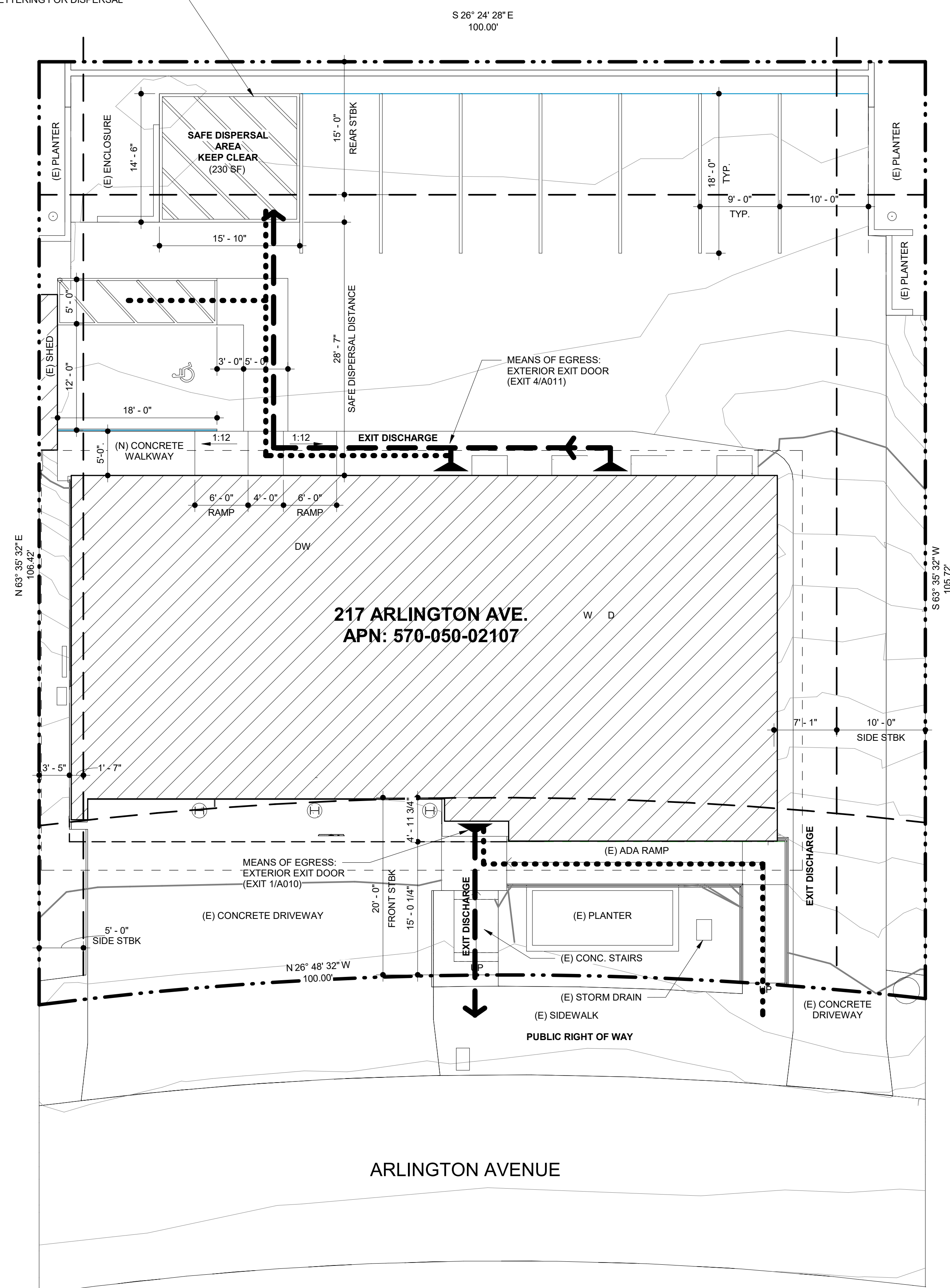
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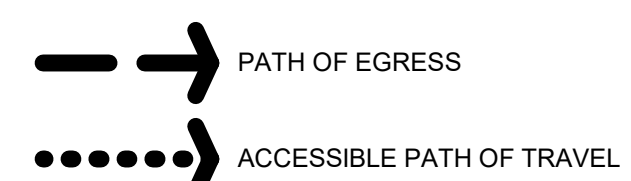
SAFE DISPERSAL AREA PER CBC SEC 1028.5 EXCEPTION:  
28 OCCUPANTS X 5 SF PER PERSON = 140 SF REQUIRED.  
PROVIDE STRIPING AND LETTERING FOR DISPERSAL AREA.



217 ARLINGTON AVE.  
APN: 570-050-02107

ARLINGTON AVENUE

CODE SITE PLAN LEGEND



1 LIFE SAFETY EGRESS & ACCESSIBILITY SITE PLAN

SCALE: 1/8" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BICA22-004407  
9:58 am, Aug 05, 2022  
REVIEWED  
FOR COMPLIANCE WITH COUNTY BUILDING DEPT. & CODES, THE STAMPING  
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LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE  
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By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
6	PLANNING REVISION 2	02/04/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
CODE DIAGRAM - SITE PLAN

STAMP



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**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

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**CODE REFERENCE**  
 2019 CALIFORNIA BUILDING CODE VOLUMES I & II

**FIRE SPRINKLER SYSTEM**  
 903.3.1.1 NFPA 13 AUTOMATIC SPRINKLER SYSTEM

**USE & OCCUPANCY CLASSIFICATION (302.1)**  
 304.1 GROUP B CIVIC ADMINISTRATION  
 310.4 GROUP R-2 DORMITORIES  
 311.3 GROUP S-2 GARAGE, LOW HAZARD STORAGE

**CONSTRUCTION TYPE (601)**  
 T-601 CONSTRUCTION TYPE TYPE V-B

**BUILDING HEIGHTS & AREA LIMITATIONS - TYPE OF CONSTRUCTION: V-B, FULLY SPRINKLERED**  
 508.3.2 R-2 MIXED USE & OCCUPANCY MOST RESTRICTIVE  
 T-504.3 ALLOWABLE HEIGHT 60'-0" (WITHOUT AREA INCREASE)  
 T-506.2 ALLOWABLE AREA 21,000 SF SM (WITHOUT HEIGHT INCREASE)

**NONSEPARATED OCCUPANCIES (508.3)**  
 508.3.3.2 NO SEPARATION REQUIRED EXCEPT FOR GROUP R-2  
 420.2 & 708.3 R-2 FIRE PARTITION WALLS 1-HR  
 420.3 R-2 HORIZONTAL SEPARATION 1-HR  
 708.3.2 R-2 SLEEPING UNIT SEPARATION 1/2 HR

**FIRE RESISTANT RATING REQUIREMENTS FOR BUILDING ELEMENTS TYPE V-B (T-601)**  
 PRIMARY STRUCTURE 0 HRS  
 BEARING WALLS EXTERIOR 0 HRS  
 BEARING WALLS INTERIOR 0 HRS  
 NONBEARING WALLS -EXT 0 HRS  
 NONBEARING WALLS -INT 0 HRS  
 FLOOR CONSTRUCTION 0 HRS  
 ROOF CONSTRUCTION 0 HRS

**FIRE RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION (T-602)**  
 X < 5 1 HR  
 10 < X < 30 0 HRS

**OPENINGS (SPRINKLERED) UNPROTECTED (T-705.8)**  
 0-3FT NOT PERMITTED  
 3-5FT 15%  
 5-10FT 25%  
 10-15FT 45%  
 15-20FT 75%  
 >20FT NO LIMIT

**SINGLE EXITS WITH SPRINKLER SYSTEM (1006.3.3)**  
 T-1006.3.3(1) R-2 COMMON PATH OF EGRESS TRAVEL 125'-0" (4 DWELLING UNITS MAX)  
 T-1006.3.3(2) B COMMON PATH OF EGRESS TRAVEL 75'-0" (MAX OCCUPANT LOAD)  
 S COMMON PATH OF EGRESS TRAVEL 75'-0" (25 MAX OCCUPANT LOAD)

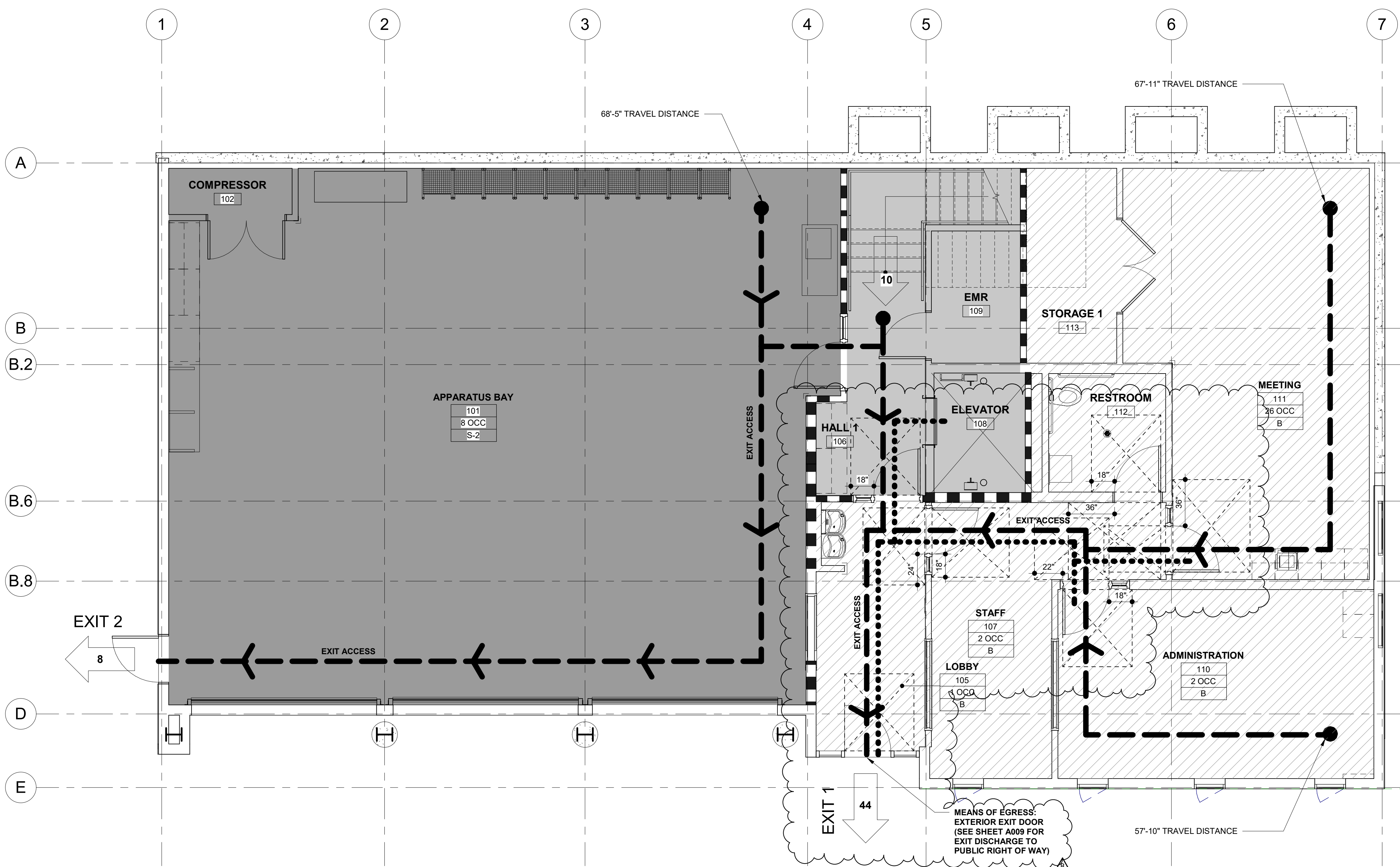
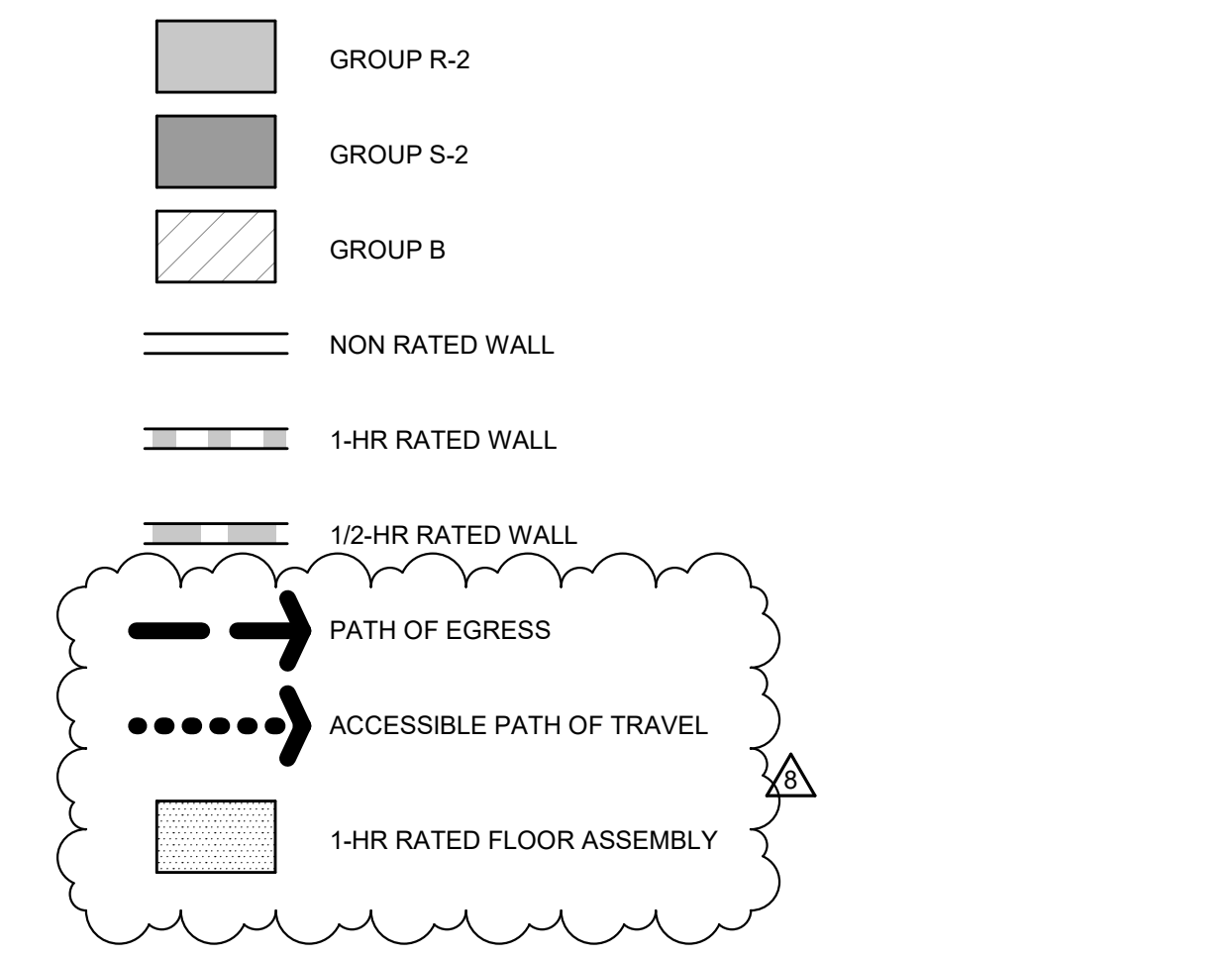
**MAXIMUM EXIT ACCESS TRAVEL DISTANCE WITH SPRINKLER SYSTEM (T-1017.2)**  
 GROUP R-2 MAX. TRAVEL DISTANCE 250'-0"  
 GROUP B MAX. TRAVEL DISTANCE 300'-0"  
 GROUP S-2 MAX. TRAVEL DISTANCE 400'-0"

**CORRIDOR FIRE-RESISTANCE RATING (T-1020.1)**  
 GROUP R-2 OCCUPANT LOAD >10 1-HR  
 GROUP B OCCUPANT LOAD >30 0-HR  
 GROUP S-2 OCCUPANT LOAD >30 0-HR

**OCCUPANT LOAD TABLE (1004.1.2)**  
 SPACE FUNCTION LOAD FACTOR  
 STORAGE/MECH./EQUIPMENT 300 GROSS  
 BUSINESS 150 GROSS  
 DORMITORIES 50 GROSS  
 EXERCISE ROOMS 50 GROSS  
 RESIDENTIAL (KITCHEN, DINING, DAY) 200 GROSS  
 PARKING 200 GROSS  
 UNCONCENTRATED TABLES AND CHAIRS 15 NET

**REQUIRED STAIRWAY WIDTH (1005.3.1)**  
 CAPACITY FACTOR EX. 1 SPRINKLERED 0.2 INCHES (NOT LESS THAN 44" PER 1011)

**OTHER EGRESS COMPONENTS SIZING (1005.3.2)**  
 CAPACITY FACTOR EX. 1 SPRINKLERED 0.15 INCHES (NOT LESS THAN 32" PER 1010.1)



**1 CODE DIAGRAM - 1ST LEVEL PLAN**  
 SCALE: 1/4" = 1'-0"

OCCUPANT LOAD					
NUMBER	ROOM NAME	OCC. TYPE	AREA	LOAD FACTOR	OCC. LOAD
101	APPARATUS BAY	S-2	1445 SF	200	8
102	COMPRESSOR	S-2	24 SF		
105	LOBBY	B	110 SF	150	1
106	HALL 1	R-2	143 SF		
107	STAFF	B	177 SF	150	2
108	ELEVATOR	R-2	46 SF		
109	EMR	R-2	49 SF		
110	ADMINISTRATION	B	252 SF	150	2
111	MEETING	B	382 SF	15	26
112	RESTROOM	B	58 SF		
113	STORAGE 1	B	33 SF		
201	(E) RADIO	R-2	59 SF	300	1
202	(E) STORAGE 2	R-2	83 SF	300	1
203	(E) TELECOM	R-2	131 SF	300	1
204	OFFICE 1	R-2	127 SF	200	1
205	CAPTAIN'S OFFICE	R-2	123 SF	200	1
206	KITCHEN/DINING	R-2	549 SF	200	3
207	DAYROOM	R-2	461 SF	200	3
208	HALL 2	R-2	222 SF		
209	EXERCISE	R-2	287 SF	50	6
210	ELEVATOR	R-2	46 SF		
211	HALL 3	R-2	128 SF		
212	DORM 1	R-2	144 SF	50	3
213	DORM 2	R-2	144 SF	50	3
214	DORM 3	R-2	144 SF	50	3
215	LAUNDRY	R-2	54 SF	200	1
216	ADA BATH 2	R-2	66 SF		
217	BATH 1	R-2	62 SF		
218	STORAGE 3	R-2	36 SF		

EXIT CAPACITY						
EXIT NO.	EXIT TYPE	REQ'D WIDTH	ACTUAL WIDTH	EXIT CAPACITY	EXIT USE	
EXIT 1, TEMPERED SAFETY GLAZING	DOOR	32"	34"	227	44	
EXIT 2	DOOR	32"	34"	227	8	
EXIT 3	DOOR	32"	34"	227	6	
EXIT 4, TEMPERED SAFETY GLAZING	DOOR	32"	34"	227	19	
EXIT 5	DOOR	32"	34"	227	2	
EXIT 6	DOOR	32"	34"	227	1	
STAIR 1	STAIR	44"	44"	220	10	

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 CODE DIAGRAM LEVEL 1

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 9:58 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATION OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

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7/28/2022 1:52:20 PM

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

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 KENSINGTON, CA 94707  
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 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

CODE REFERENCE

2019 CALIFORNIA BUILDING CODE VOLUMES I & II

FIRE SPRINKLER SYSTEM

903.3.1.1 NFPA 13 AUTOMATIC SPRINKLER SYSTEM

USE & OCCUPANCY CLASSIFICATION (302.1)

304.1 GROUP B CIVIC ADMINISTRATION  
 310.4 GROUP R-2 DORMITORIES  
 311.3 GROUP S-2 GARAGE, LOW HAZARD STORAGE

CONSTRUCTION TYPE (601)

T-601 CONSTRUCTION TYPE TYPE V-B

BUILDING HEIGHTS & AREA LIMITATIONS - TYPE OF CONSTRUCTION: V-B, FULLY SPRINKLERED

508.3.2 R-2 MIXED USE & OCCUPANCY MOST RESTRICTIVE  
 T-504.3 ALLOWABLE HEIGHT 60'-0" S(WITHOUT AREA INCREASE)  
 T-506.2 ALLOWABLE AREA 21,000 SF SM(WITHOUT HEIGHT INCREASE)

NONSEPARATED OCCUPANCIES (508.3)

508.3.3.2 NO SEPARATION REQUIRED EXCEPT FOR GROUP R-2  
 420.2 & 708.3 R-2 FIRE PARTITION WALLS 1-HR  
 420.3 R-2 HORIZONTAL SEPARATION 1-HR  
 708.3.2 R-2 SLEEPING UNIT SEPARATION 1/2 HR

FIRE RESISTANT RATING REQUIREMENTS FOR BUILDING ELEMENTS TYPE V-B (T-601)

PRIMARY STRUCTURE 0 HRS  
 BEARING WALLS EXTERIOR 0 HRS  
 BEARING WALLS INTERIOR 0 HRS  
 NONBEARING WALLS -EXT 0 HRS  
 NONBEARING WALLS -INT 0 HRS  
 FLOOR CONSTRUCTION 0 HRS  
 ROOF CONSTRUCTION 0 HRS

FIRE RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION (T-602)

X < 5 1 HR  
 10 < X < 30 0 HRS

OPENINGS (SPRINKLERED) UNPROTECTED (T-705.8)

0-3FT 3-5FT 5-10FT 10-15FT 15-20FT >20FT  
 NOT PERMITTED 15% 25% 45% 75% NO LIMIT

SINGLE EXITS WITH SPRINKLER SYSTEM (1006.3.3)

T-1006.3.3(1) R-2 COMMON PATH OF EGRESS TRAVEL 125'-0" (4 DWELLING UNITS MAX)  
 T-1006.3.3(2) R-2 COMMON PATH OF EGRESS TRAVEL 75'-0" (25 MAX OCCUPANT LOAD)  
 S COMMON PATH OF EGRESS TRAVEL 75'-0" (25 MAX OCCUPANT LOAD)

MAXIMUM EXIT ACCESS TRAVEL DISTANCE WITH SPRINKLER SYSTEM (T-1017.2)

GROUP R-2 MAX. TRAVEL DISTANCE 250'-0"  
 GROUP B MAX. TRAVEL DISTANCE 300'-0"  
 GROUP S-2 MAX. TRAVEL DISTANCE 400'-0"

CORRIDOR FIRE-RESISTANCE RATING (T-1020.1)

GROUP R-2 OCCUPANT LOAD >10 1-HR  
 GROUP B OCCUPANT LOAD >30 0-HR  
 GROUP S-2 OCCUPANT LOAD >30 0-HR

OCCUPANT LOAD TABLE (1004.1.2)

SPACE FUNCTION	LOAD FACTOR
300 GROSS	300 GROSS
STORAGE/MECH/EQUIPMENT	150 GROSS
BUSINESS	50 GROSS
DORMITORIES	50 GROSS
EXERCISE ROOMS	50 GROSS
RESIDENTIAL (KITCHEN, DINING, DAY)	200 GROSS
PARKING	200 GROSS
UNCONCENTRATED TABLES AND CHAIRS	15 NET

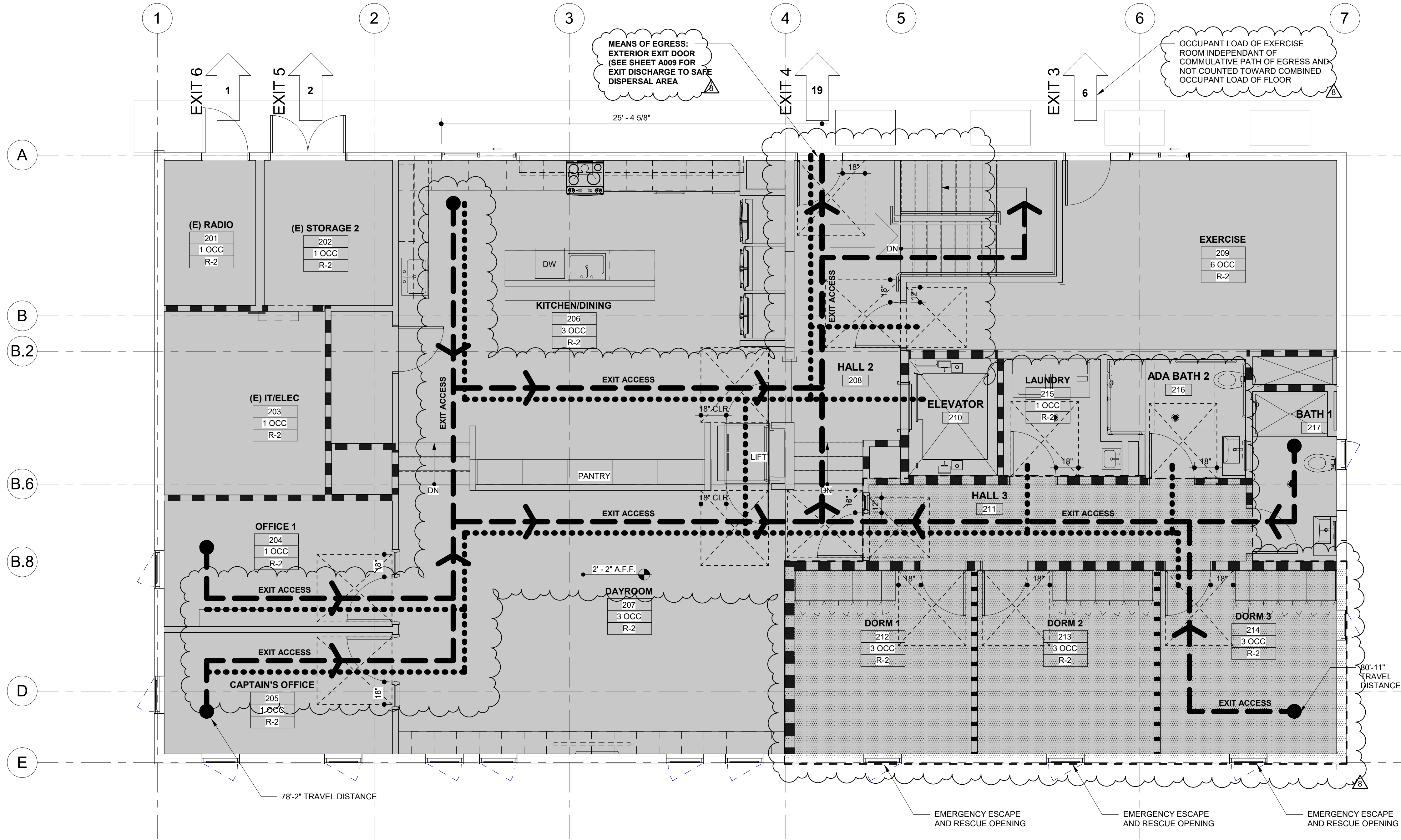
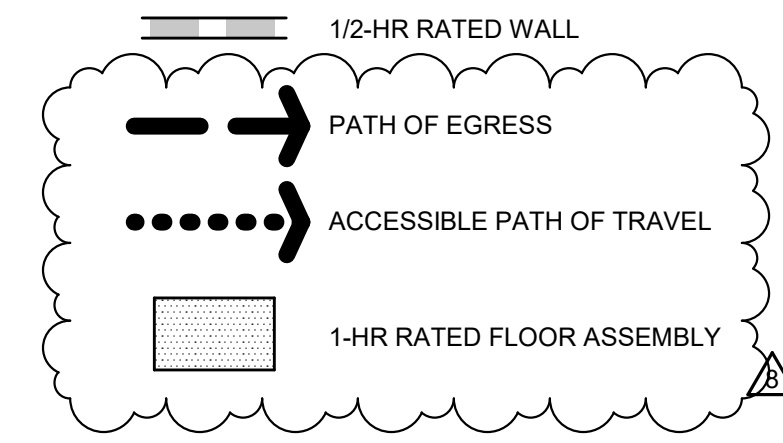
REQUIRED STAIRWAY WIDTH (1005.3.1)

CAPACITY FACTOR EX.1 SPRINKLERED 0.2 INCHES (NOT LESS THAN 44" PER 1011)

OTHER EGRESS COMPONENTS SIZING (1005.3.2)

CAPACITY FACTOR EX.1 SPRINKLERED 0.15 INCHES (NOT LESS THAN 32" PER 1010.1)

- GROUP R-2
- GROUP S-2
- GROUP B
- NON RATED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL



**1** CODE DIAGRAM - 2ND LEVEL PLAN  
 SCALE: 1/4" = 1'-0"

OCCUPANT LOAD					
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107	STAFF	B	177 SF	150	2
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111	MEETING	B	382 SF	15	26
112	RESTROOM	B	58 SF		
113	STORAGE 1	B	33 SF		
201	(E) RADIO	R-2	59 SF	300	1
202	(E) STORAGE 2	R-2	83 SF	300	1
203	(E) IT/ELEEC	R-2	131 SF	300	1
204	OFFICE 1	R-2	127 SF	200	1
205	CAPTAIN'S OFFICE	R-2	123 SF	200	1
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216	ADA BATH 2	R-2	66 SF		
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EXIT NO.	EXIT TYPE	REQ'D WIDTH	ACTUAL WIDTH	EXIT CAPACITY	EXIT USE	
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EXIT 5	DOOR	32"	34"	227	2	
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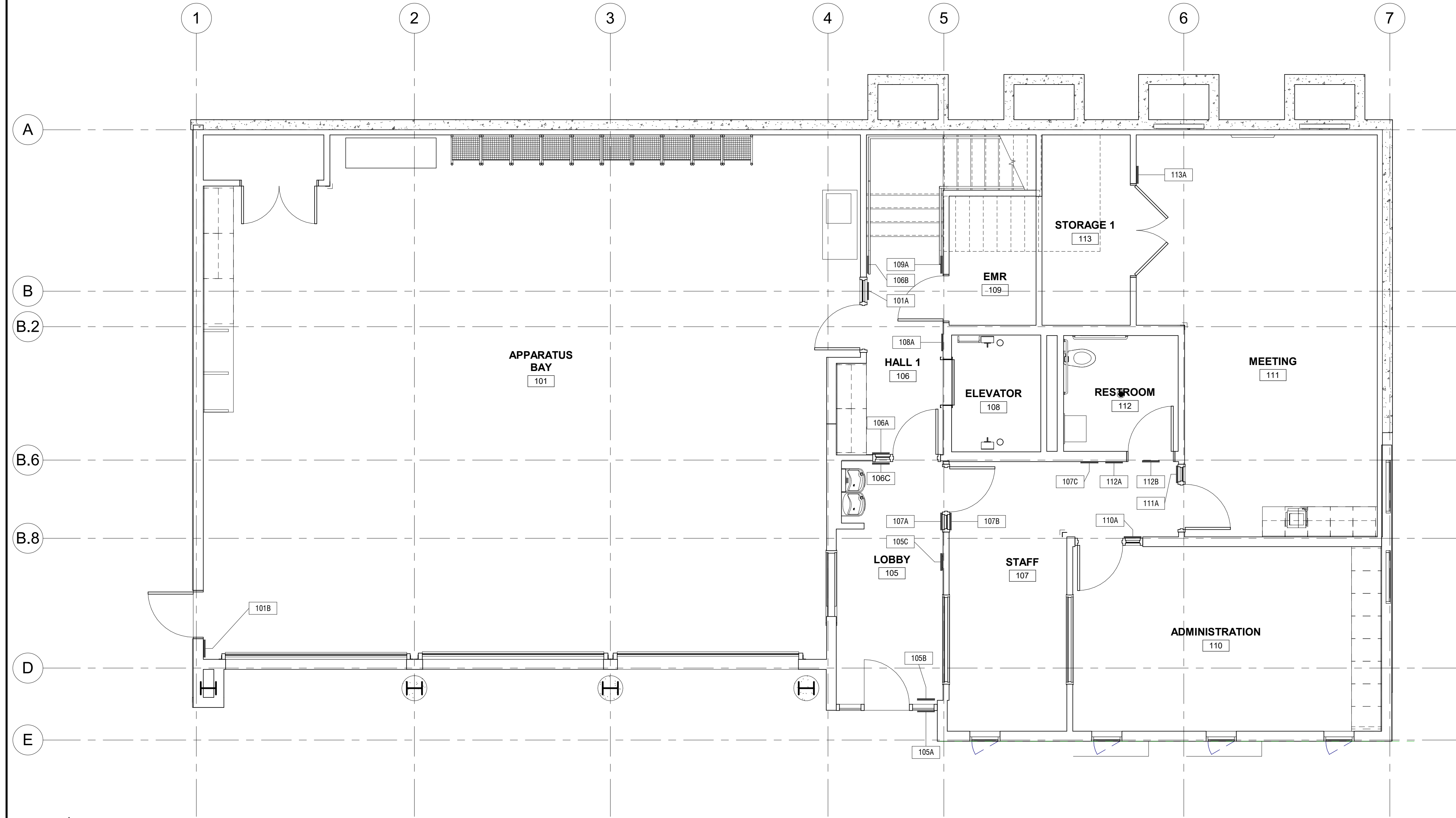
CONTRA COSTA COUNTY  
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 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 CODE DIAGRAM LEVEL 2





**1 | SIGNAGE PLAN - 1ST LEVEL PLAN**  
SCALE: 1/4" = 1'-0"

SIGNAGE SCHEDULE - 1ST LEVEL

SIGN ID	ROOM LOCATION	SIGN TYPE	LANGUAGE	DETAIL REFERENCE	MOUNTING LOCATION	BRAILLE AND TACTILE
101A	APPARATUS BAY	ROOM ID	101 APPARATUS BAY	1/A014	GLASS MOUNT	YES
101B	APPARATUS BAY	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
105A	LOBBY ENTRANCE	ISA	ISA	9/A015	EXTERIOR GLASS MOUNT	NO
105B	LOBBY	DIRECTIONAL	EXIT	2/A014	GLASS MOUNT	YES
105C	LOBBY	FIRE EXTINGUISHER FLAG	SEE DETAIL	1/A015	WALL MOUNT	NO
106A	HALL 1	DIRECTIONAL	EXIT ROUTE	2/A014	GLASS MOUNT	YES
106B	HALL 1	STAIR LEVEL IDENTIFICATION	*1	6/A015	WALL MOUNT	YES
106C	HALL 1	RESTROOM ID	106 HALL 1	1/A014	GLASS MOUNT	YES
107A	STAFF	ROOM ID	107 STAFF	1/A014	GLASS MOUNT	YES
107B	STAFF	DIRECTIONAL	EXIT ROUTE	2/A014	GLASS MOUNT	YES
107C	STAFF	EMERGENCY EVACUATION NOTICE	EXIT MAP, EVACUATION INSTRUCTIONS PER DETAIL	14/A015	WALL MOUNT	NO
108A	ELEVATOR	IN CASE OF FIRE	SEE DETAIL	5/A015	WALL MOUNT	NO
109A	ELEVATOR MACHINE ROOM	ROOM ID	109 ELEVATOR MACHINE ROOM	1/A014	WALL MOUNT	YES
110A	ADMINISTRATION	ROOM ID	110 ADMINISTRATION	1/A014	GLASS MOUNT	YES
111A	MEETING ROOM	ROOM ID	111 MEETING ROOM	1/A014	GLASS MOUNT	YES
112A	RESTROOM	RESTROOM ID	ALL GENDER RESTROOM	5/A014	WALL MOUNT	YES
112B	RESTROOM	RESTROOM SYMBOL	ALL GENDER SYMBOL	6/A014	DOOR MOUNT	NO
113A	STORAGE 1	ROOM ID	113 STORAGE 1	1/A014	WALL MOUNT	YES

**SHEET NOTES**

- SEE GENERAL NOTES, PROJECT DATA, SYMBOL LEGEND AND ABBREVIATIONS ON SHEET A001.
- FOR SIGNAGE DETAILS, SYMBOLS, AND MOUNTING HEIGHTS, SEE SHEETS A014, A015.
- VERIFY EXACT SIGNAGE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO INSTALLATION.
- WHERE SIGNAGE IS MOUNTED ON EXTERIOR FACADE, PROVIDE BACKING PLATE AND SEALANT WITH BACKING ROD, TYPICAL INCLUDING WEEP HOLE AT BOTTOM.
- WHERE SIGNAGE IS MOUNTED ON GLASS, PROVIDE MATCHING BLANK PLATE ON OPPOSITE SIDE, ALIGNED WITH SIGN.
- ALL SIGNS ARE CONTRACTOR PROVIDED AND INSTALLED, U.O.N.
- SEE CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL SITE SIGNAGE.
- CONFIRM FINAL LOCATIONS OF ALL CITY REQUIRED SIGNAGE WITH CLIENT AND ARCHITECT PRIOR TO MOUNTING.
- WHERE SIGNS ARE LOCATED ON THE SITE, PROVIDE 2" GALV PIPE POLE SET IN CONCRETE BASE AT HEIGHT INDICATED PER CIVIL DRAWING DETAILS.

**MARJANG ARCHITECTURE**

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

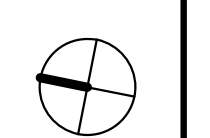
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
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- CIVIL: BKF ENGINEERS  
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2 HARRIS CT STE A7  
MONTEREY, CA 93940  
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- AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
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- ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

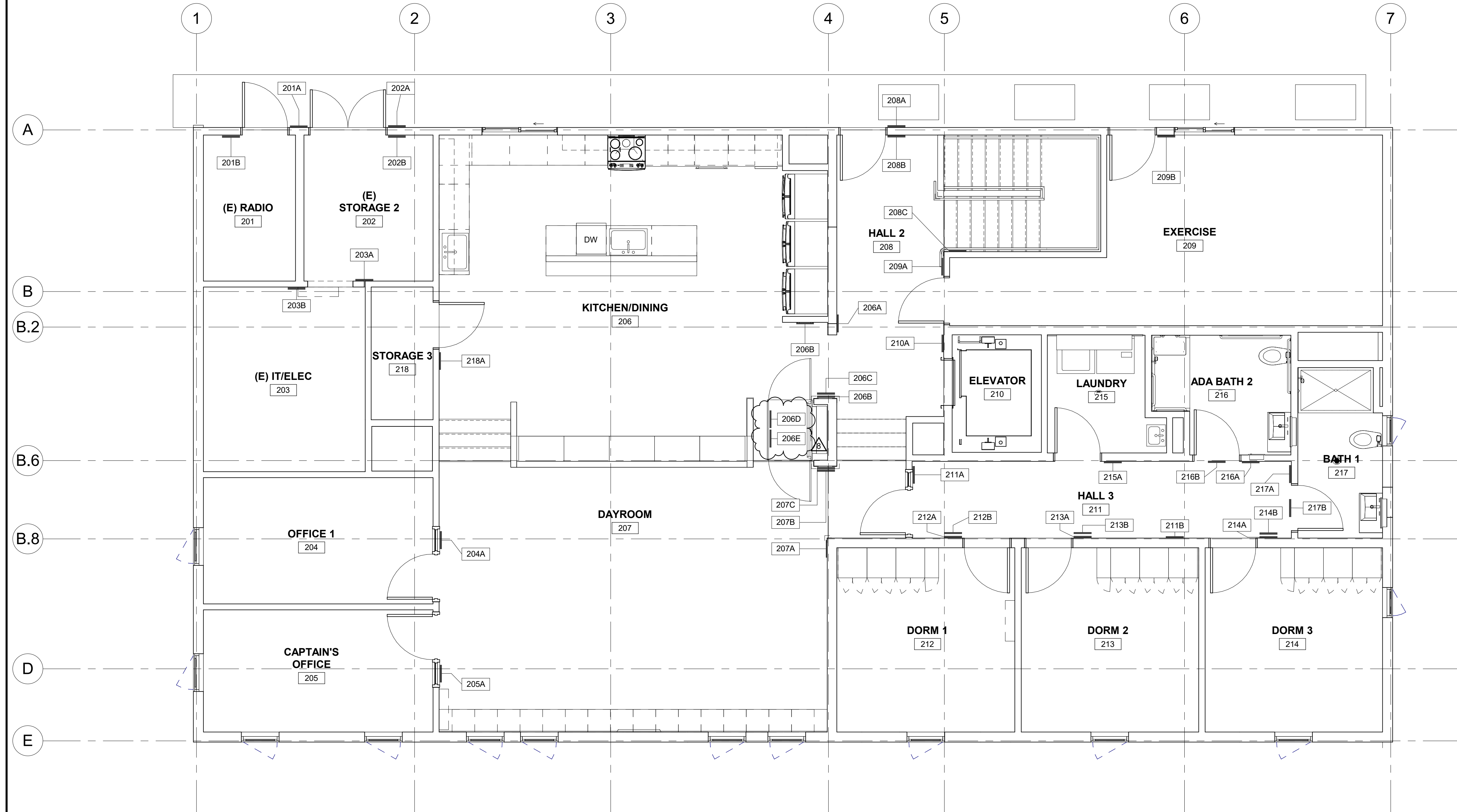
JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
GROUND FLOOR SIGNAGE PLAN

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER:  
BICA22-004407  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
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By: ROSALINA ACUFF



**A012**



**SHEET NOTES**

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- WHERE SIGNS ARE LOCATED ON THE SITE, PROVIDE 2" GALV PIPE POLE SET IN CONCRETE BASE AT HEIGHT INDICATED PER CIVIL DRAWING DETAILS.

**MARJANG ARCHITECTURE**



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**1 SIGNAGE PLAN - 2ND LEVEL PLAN**  
 SCALE: 1/4" = 1'-0"

SIGNAGE SCHEDULE - 2ND LEVEL						
SIGN ID	ROOM LOCATION	SIGN TYPE	LANGUAGE	DETAIL REFERENCE	MOUNTING LOCATION	BRAILLE AND TACTILE
201A	RADIO	ROOM ID	201 RADIO	1/A014	EXTERIOR	YES
201B	RADIO	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
202A	STORAGE 2	ROOM ID	202 STORAGE 2	1/A014	EXTERIOR	YES
202B	STORAGE 2	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
203A	IT/ELECTRICAL	ROOM ID	203 IT AND ELECTRICAL	1/A014	WALL MOUNT	YES
203B	IT/ELECTRICAL	DIRECTIONAL	EXIT ROUTE	2/A014	WALL MOUNT	YES
204A	OFFICE 1	ROOM ID	204 OFFICE	1/A014	WALL MOUNT	YES
205A	CAPTAIN'S OFFICE	ROOM ID	205 CAPTAIN'S OFFICE	1/A014	WALL MOUNT	YES
206A	KITCHEN / DINING	ROOM ID	206 KITCHEN AND DINING	1/A014	WALL MOUNT	YES
206B	KITCHEN / DINING	FIRE EXTINGUISHER FLAG	SEE DETAIL	1/A015	WALL MOUNT	NO
206B	KITCHEN / DINING	DIRECTIONAL	NO FREIGHT	2/A014	WALL MOUNT	YES
206C	KITCHEN / DINING	ISA	ISA	13/A014	WALL MOUNT	NO
206D	DAYROOM	ISA	ISA	13/A014	WALL MOUNT	NO
206E	DAYROOM	DIRECTIONAL	NO FREIGHT	2/A014	WALL MOUNT	YES
207A	DAYROOM	ROOM ID	207 DAYROOM	1/A014	WALL MOUNT	YES
207B	DAYROOM	ISA	ISA	13/A014	WALL MOUNT	NO
207C	DAYROOM	DIRECTIONAL	NO FREIGHT	2/A014	WALL MOUNT	YES
208A	HALL 2	ISA	ISA	14/A014	EXTERIOR WALL MOUNT	NO
208B	HALL 2	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
208C	HALL 2	STAIR LEVEL IDENTIFICATION	#2	6/A015	WALL MOUNT	YES
209A	EXERCISE ROOM	ROOM ID	209 EXERCISE ROOM	1/A014	WALL MOUNT	YES
209B	EXERCISE ROOM	DIRECTIONAL	EXIT	2/A014	WALL MOUNT	YES
210A	ELEVATOR	IN CASE OF FIRE	SEE DETAIL	5/A015	WALL MOUNT	NO
211A	HALL 3	DIRECTIONAL	EXIT ROUTE	2/A014	GLASS MOUNT	YES
211B	HALL 3	EMERGENCY EVACUATION NOTICE	EXIT MAP, EVACUATION INSTRUCTIONS PER DETAIL	14/A015	WALL MOUNT	NO
212A	DORM 1	ROOM ID	212 DORM 1	1/A014	WALL MOUNT	YES
212B	DORM 1	ISA	ISA	14/A014	WALL MOUNT	NO
213A	DORM 2	ROOM ID	213 DORM 2	1/A014	WALL MOUNT	YES
213B	ISA	ISA	ISA	14/A014	WALL MOUNT	NO
214A	DORM 3	ROOM ID	214 DORM 3	1/A014	WALL MOUNT	YES
214B	ISA	ISA	ISA	14/A014	WALL MOUNT	NO
215A	LAUNDRY	ROOM ID	215 LAUNDRY	1/A014	WALL MOUNT	YES
216A	ADA BATHROOM	RESTROOM ID	ALL GENDER RESTROOM	5/A014	WALL MOUNT	YES
216B	ADA BATHROOM	RESTROOM SYMBOL	ALL GENDER SYMBOL	6/A014	DOOR MOUNT	YES
217A	BATHROOM	RESTROOM ID	ALL GENDER RESTROOM	5/A014	WALL MOUNT	YES
217B	BATHROOM	RESTROOM SYMBOL	ALL GENDER SYMBOL	6/A014	DOOR MOUNT	YES
218A	STORAGE 3	ROOM ID	218 STORAGE 3	1/A014	WALL MOUNT	YES

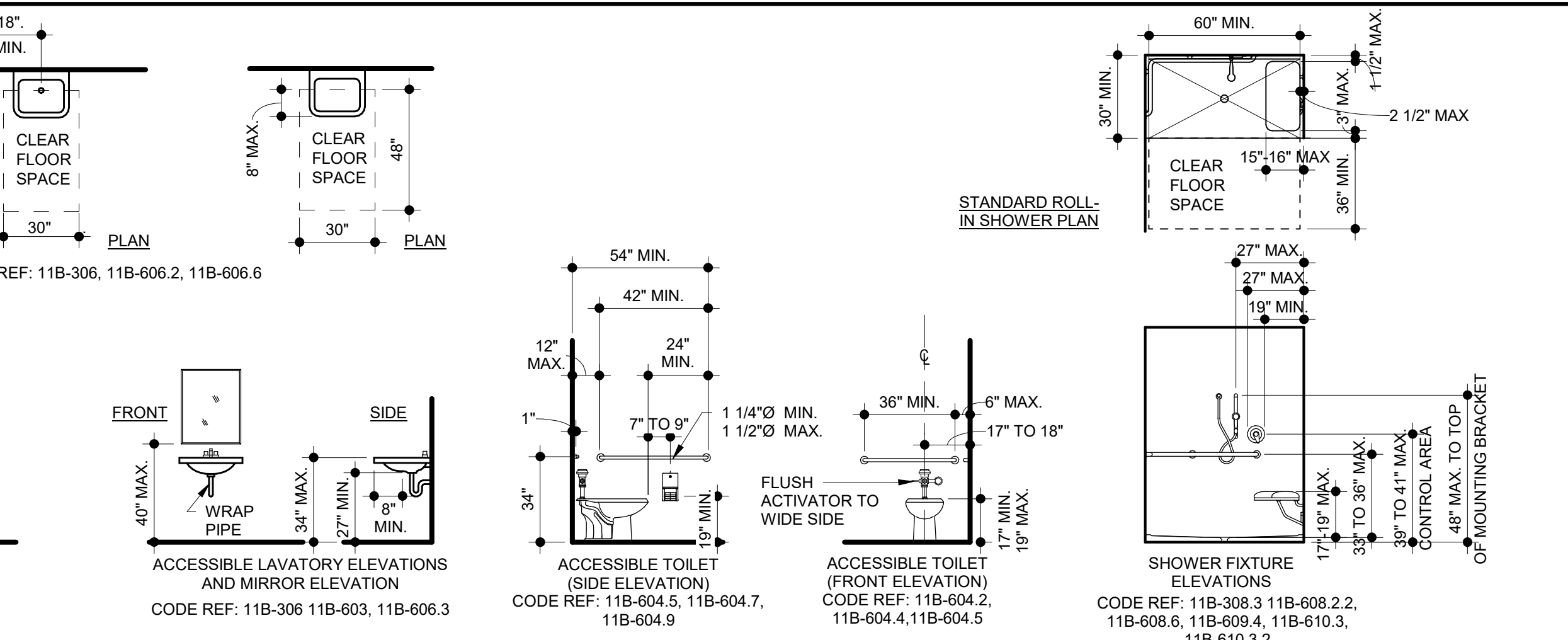
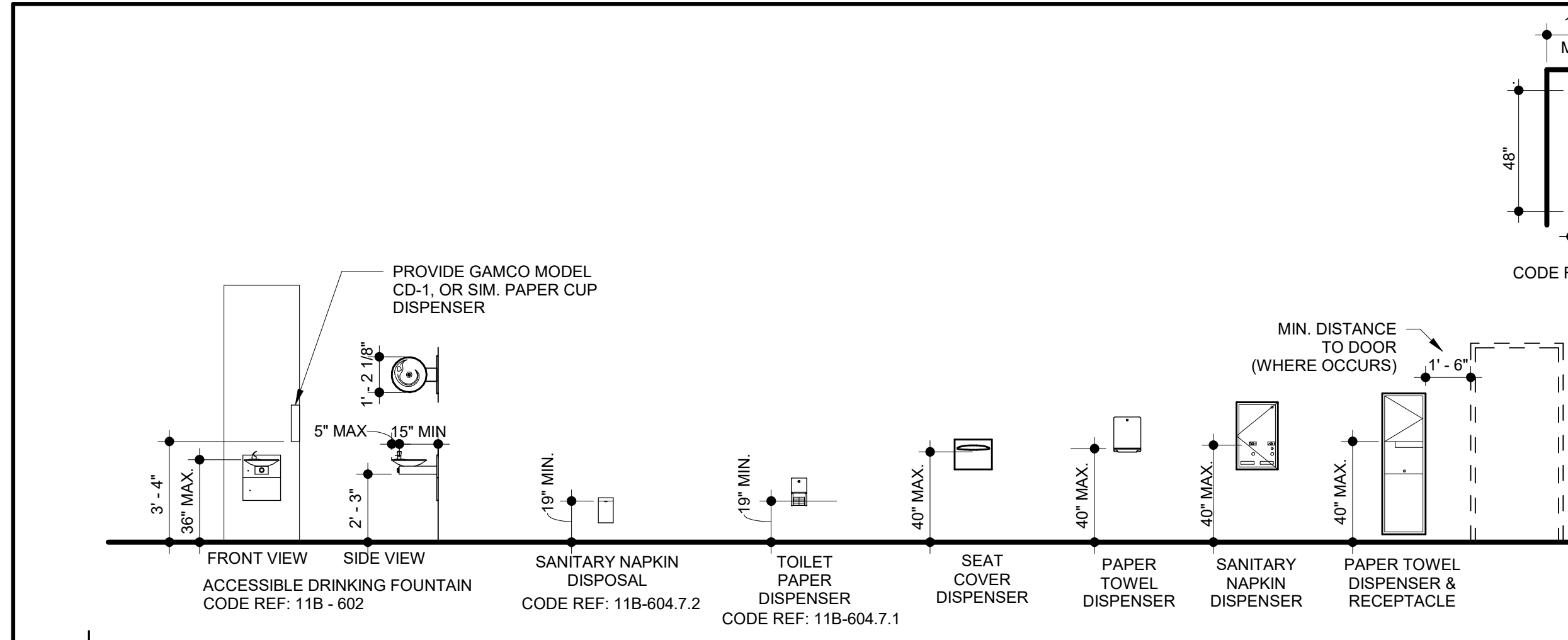
NO.	DESCRIPTION	DATE
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 SECOND FLOOR SIGNAGE PLAN

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 9:58 am, Aug 05, 2022  
 REVIEWED  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

**A013**



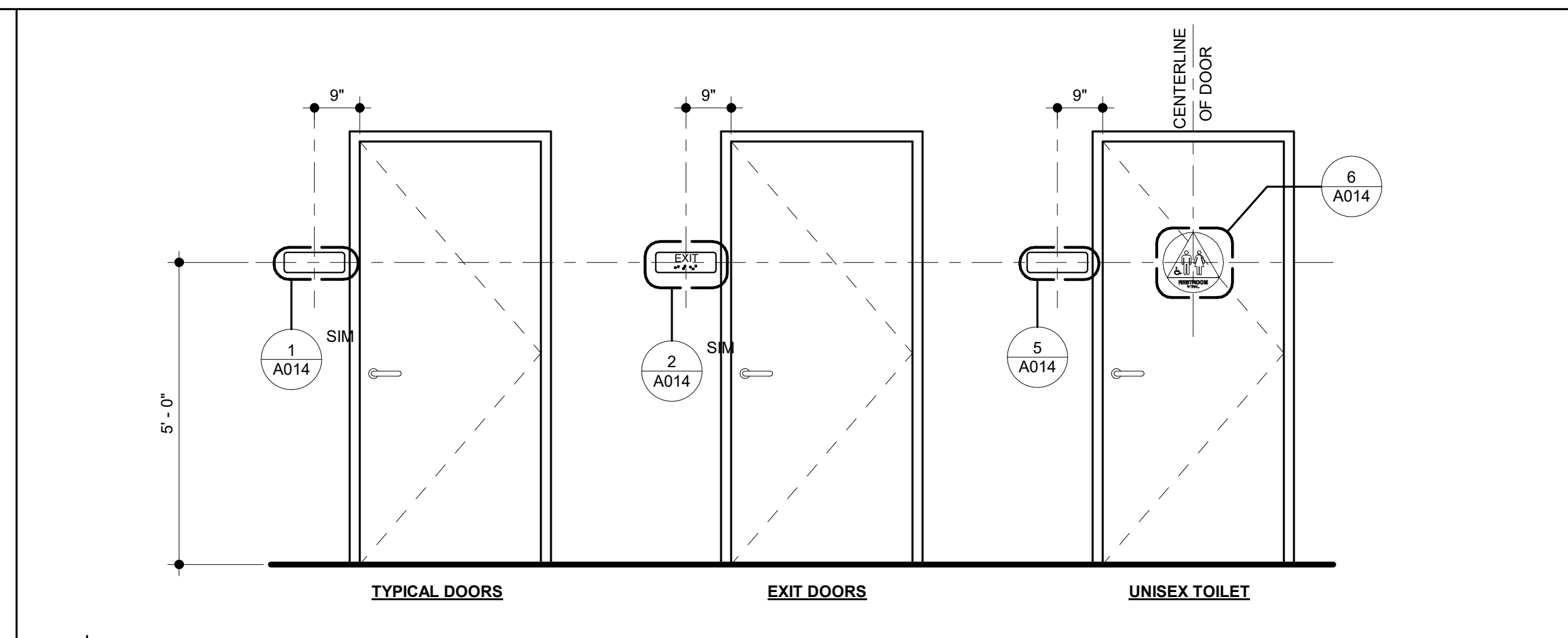
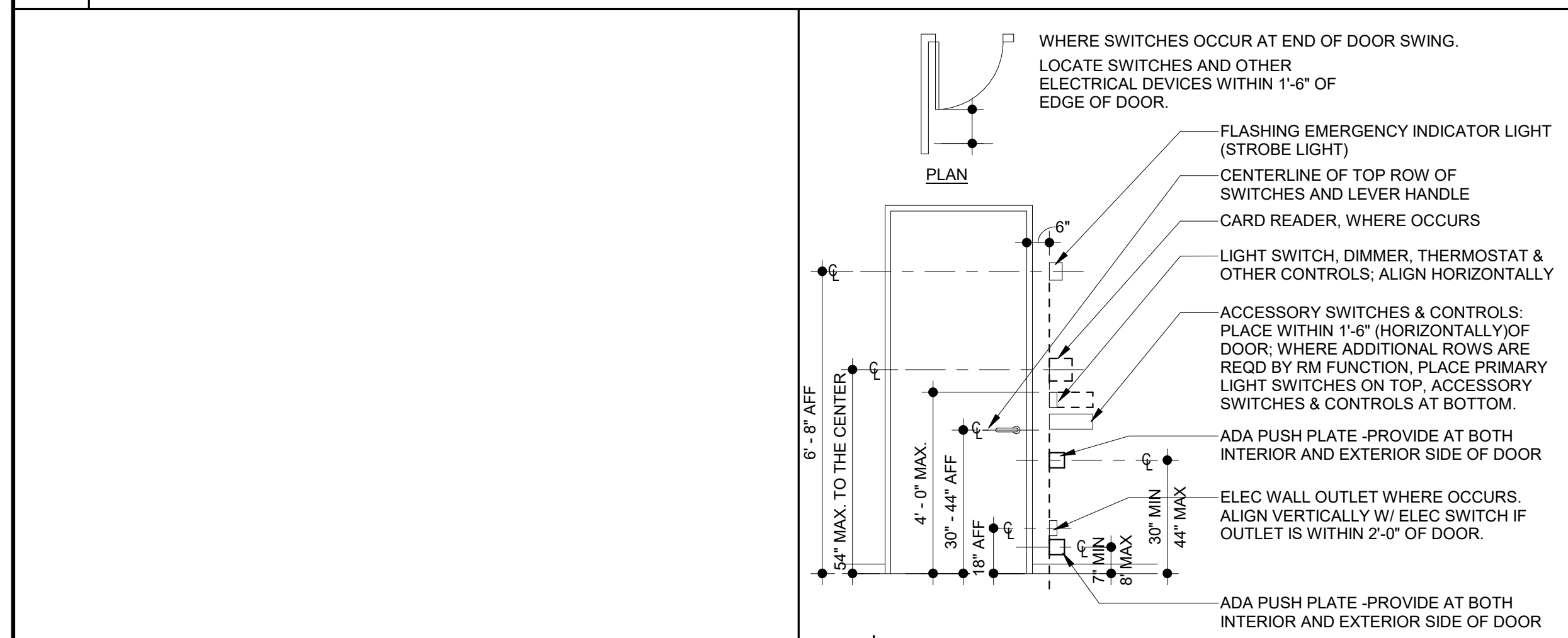
**SHEET NOTES**

- SEE GENERAL NOTES, PROJECT DATA, SYMBOL LEGEND AND ABBREVIATIONS ON SHEET A001.
- WHERE SIGNAGE IS MOUNTED ON EXTERIOR FACADE, PROVIDE BACKING PLATE AND SEALANT WITH BACKING ROD. TYPICAL INCLUDING WEEP HOLE AT BOTTOM. WHERE SIGNAGE IS MOUNTED ON GLASS, PROVIDE MATCHING BLANK PLATE ON OPPOSITE SIDE, ALIGNED WITH SIGN.
- ALL SIGNS ARE CONTRACTOR PROVIDED AND INSTALLED, U.O.N.
- SEE CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL SITE SIGNAGE.
- CONFIRM FINAL LOCATIONS OF ALL CITY REQUIRED SIGNAGE WITH CLIENT AND ARCHITECT PRIOR TO MOUNTING.
- WHERE SIGNS ARE LOCATED ON THE SITE, PROVIDE 2\"/>

**16** TYPICAL ADA CLEARANCES AND MOUNTING HEIGHTS  
SCALE: 1/4" = 1'-0"

STANDARD ROLL-IN SHOWER PLAN  
CODE REF: 11B-306, 11B-606.2, 11B-606.6

**MARJANG ARCHITECTURE**



**11** DEVICE PLATE LOCATIONS  
SCALE: 3/8" = 1'-0"

**7** TYPICAL SIGNAGE MOUNTING HEIGHTS  
SCALE: 1/2" = 1'-0"

**PROJECT ADDRESS**  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

**PROJECT TEAM**

**CLIENT:** KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

**ARCHITECT:** MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

**STRUCTURAL:** ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

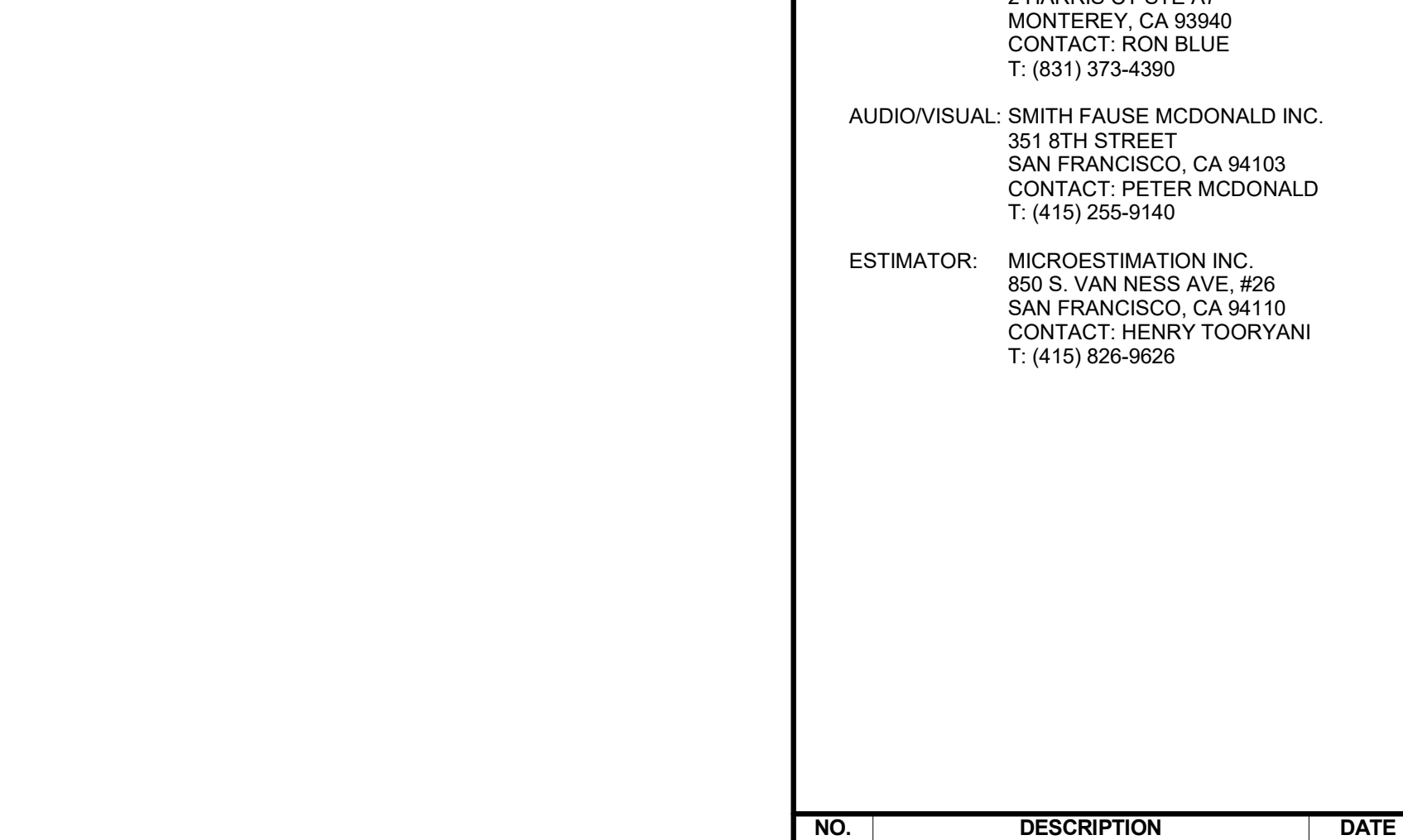
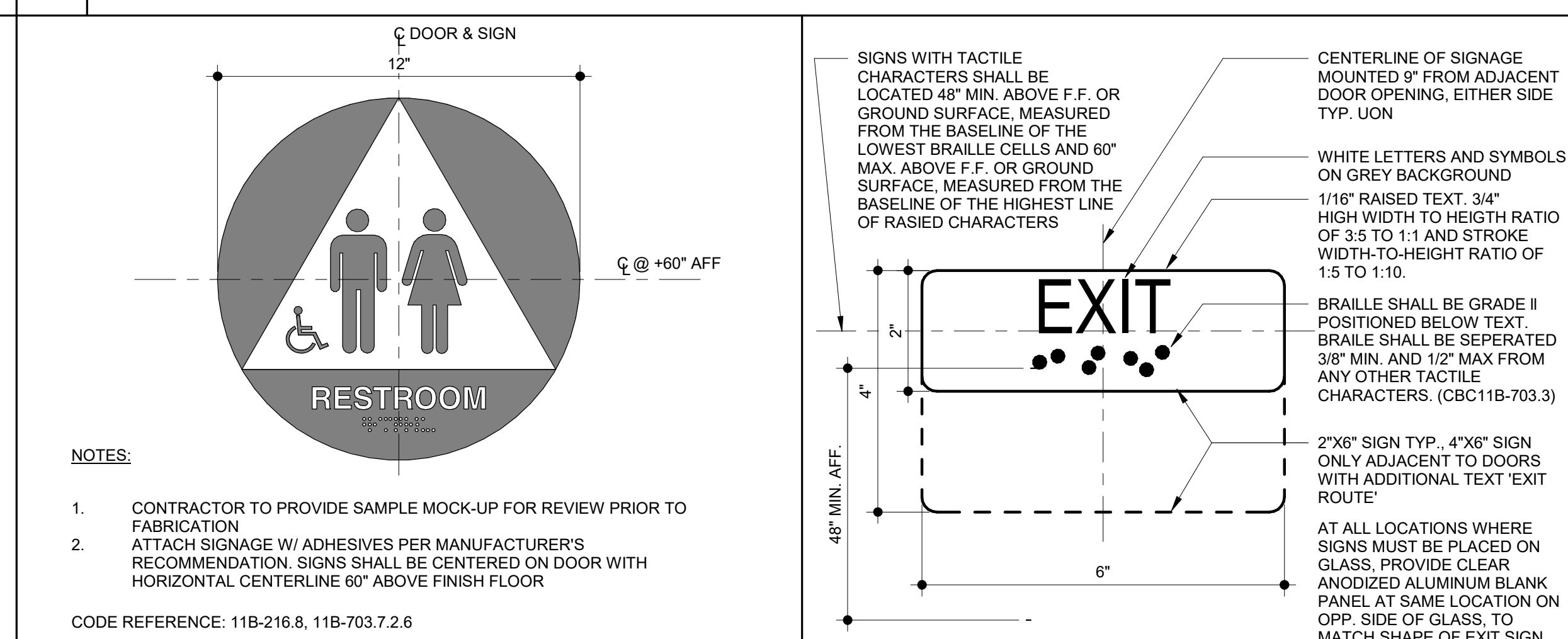
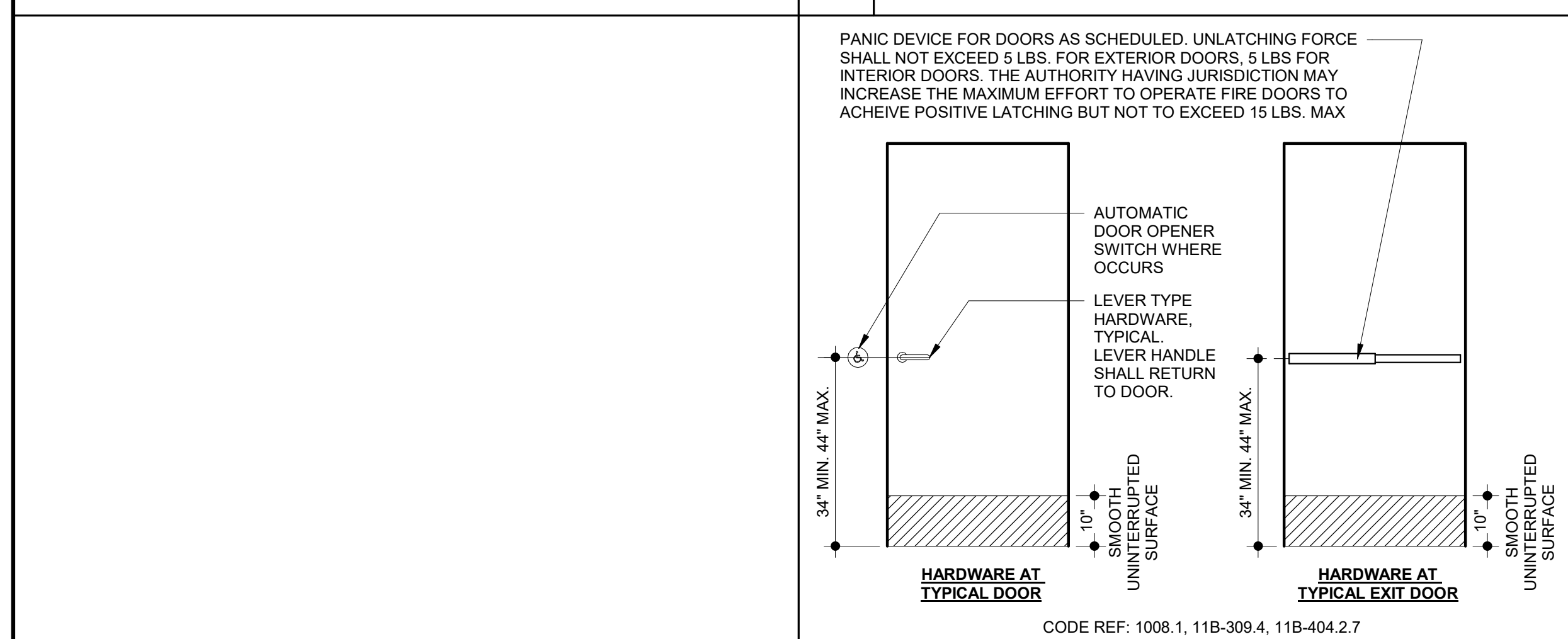
**CIVIL:** BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

**GEOTECH:** HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

**MEP:** LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

**AUDIO/VISUAL:** SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

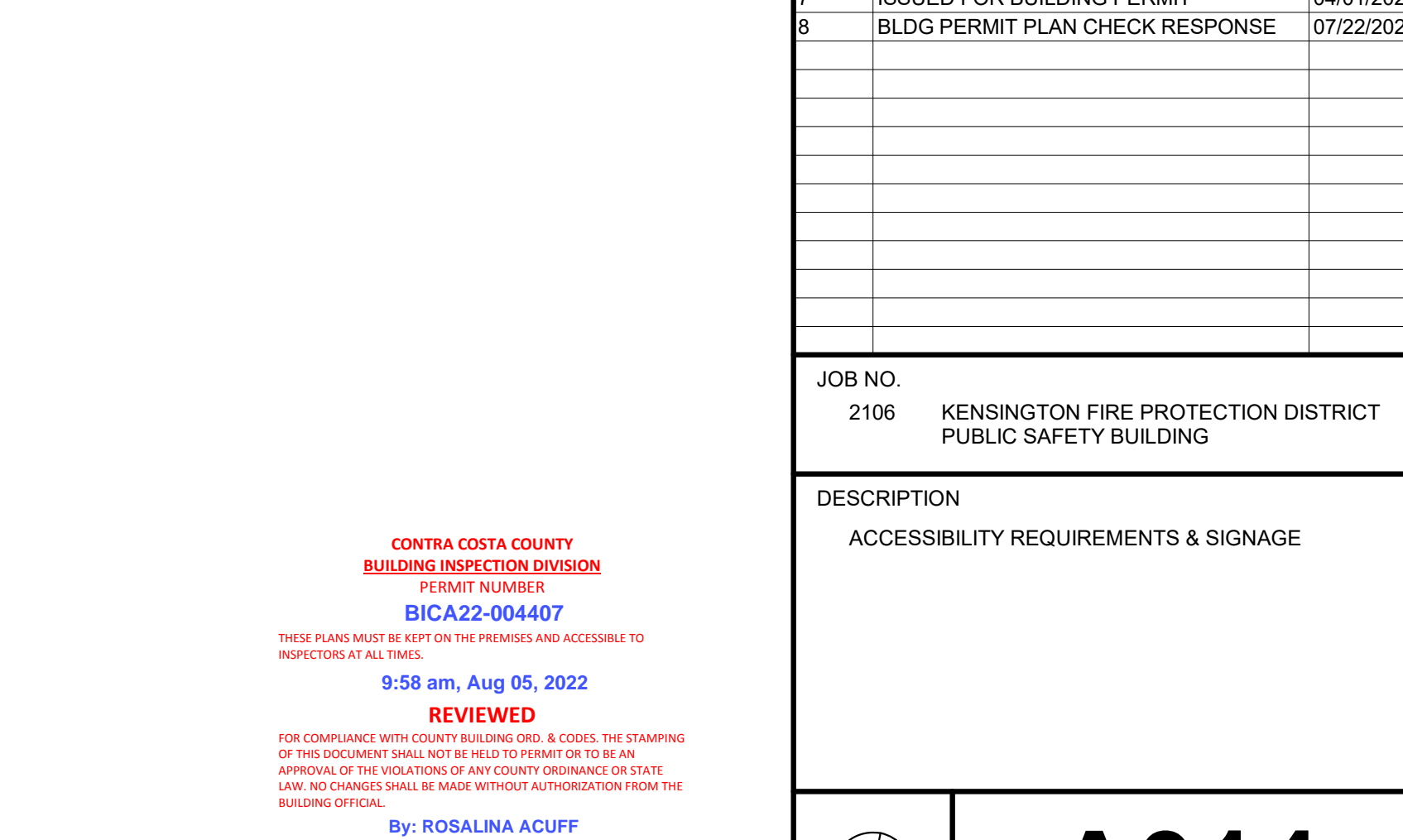
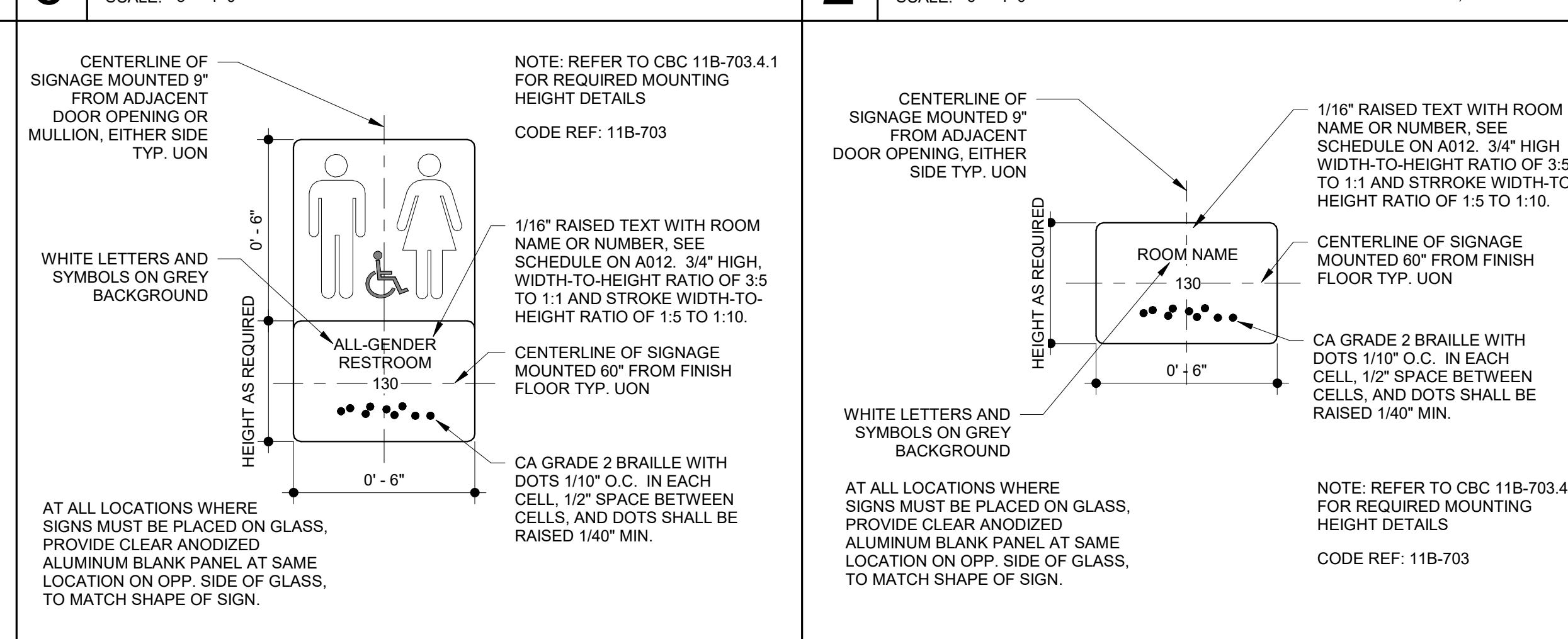
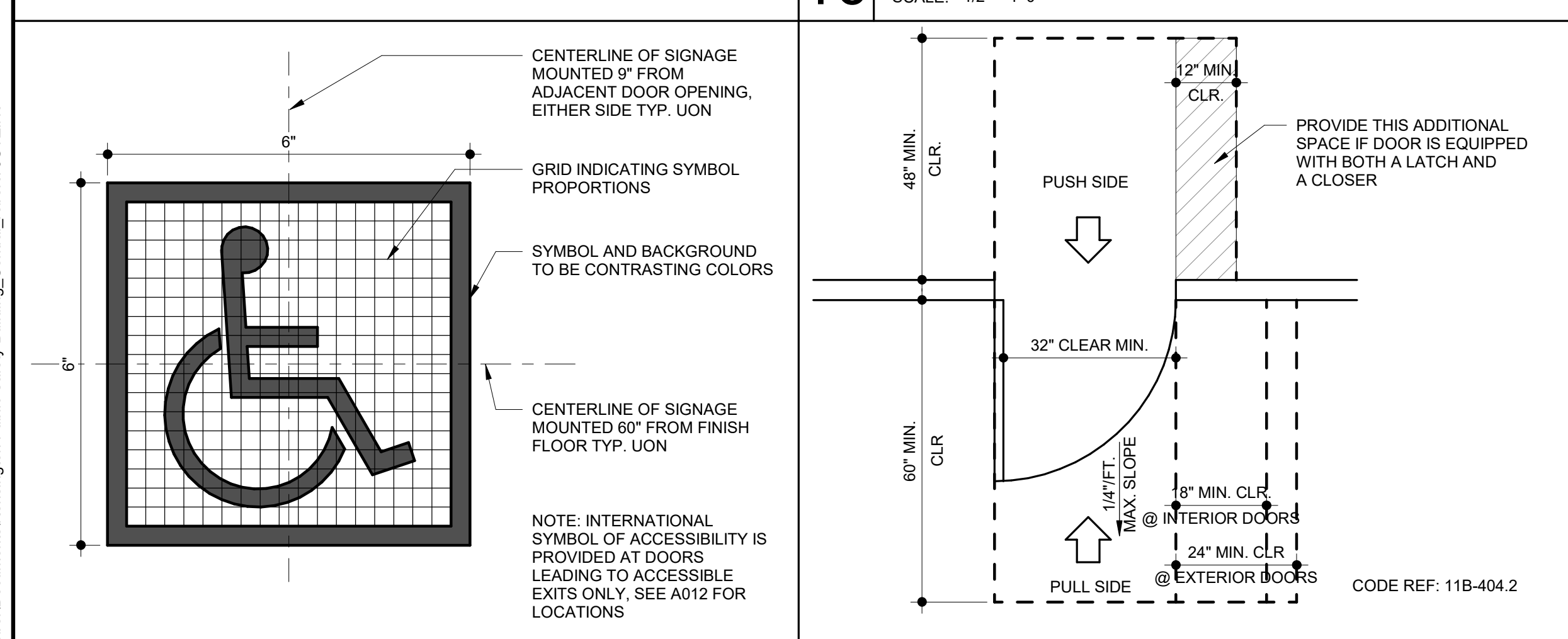
**ESTIMATOR:** MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626



**10** MOUNTING LOC. OF HARDWARE AT DOORS  
SCALE: 1/2" = 1'-0"

**6** UNISEX TOILET ROOM IDENTIFICATION SIGN  
SCALE: 3" = 1'-0"

**2** EXIT SIGNAGE  
SCALE: 6" = 1'-0"



**13** INTERNATIONAL ACCESSIBILITY SYMBOL  
SCALE: 6" = 1'-0"

**5** RESTROOM IDENTIFICATION SIGN  
SCALE: 3" = 1'-0"

**1** PERMANENT ROOM IDENTIFICATION SIGN  
SCALE: 3" = 1'-0"

C:\Users\robert\Documents\Kensington Public Building\_Central\_robert\BICYZ.rvt

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

**JOB NO.**  
2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

**DESCRIPTION**  
ACCESSIBILITY REQUIREMENTS & SIGNAGE

**CONTRA COSTA COUNTY**  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER:  
**BICA22-004407**  
9:58 am, Aug 05, 2022  
**REVIEWED**  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PERMIT OR TO BE AN APPROVAL OF THE VIOLATION OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICE.  
By: ROSALINA ACUFF

**A014**

7/22/2022 11:28:42 AM

**SHEET NOTES**

- SEE GENERAL NOTES, PROJECT DATA, SYMBOL LEGEND AND ABBREVIATIONS ON SHEET A001.
- WHERE SIGNAGE IS MOUNTED ON EXTERIOR FACADE, PROVIDE BACKING PLATE AND SEALANT WITH BACKING ROD, TYPICAL INCLUDING WEEP HOLE AT BOTTOM. WHERE SIGNAGE IS MOUNTED ON GLASS, PROVIDE MATCHING BLANK PLATE ON OPPOSITE SIDE, ALIGNED WITH SIGN.
- ALL SIGNS ARE CONTRACTOR PROVIDED AND INSTALLED, U.O.N.
- SEE CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL SITE SIGNAGE.
- CONFIRM FINAL LOCATIONS OF ALL CITY REQUIRED SIGNAGE WITH CLIENT AND ARCHITECT PRIOR TO MOUNTING.
- WHERE SIGNS ARE LOCATED ON THE SITE, PROVIDE 2" GALV PIPE POLE SET IN CONCRETE BASE AT HEIGHT INDICATED PER CIVIL DRAWING DETAILS.

**MARJANG ARCHITECTURE**



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

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CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
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OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
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MEP: LIST ENGINEERING CO.  
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MONTEREY, CA 93940  
CONTACT: RON BLUE  
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AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

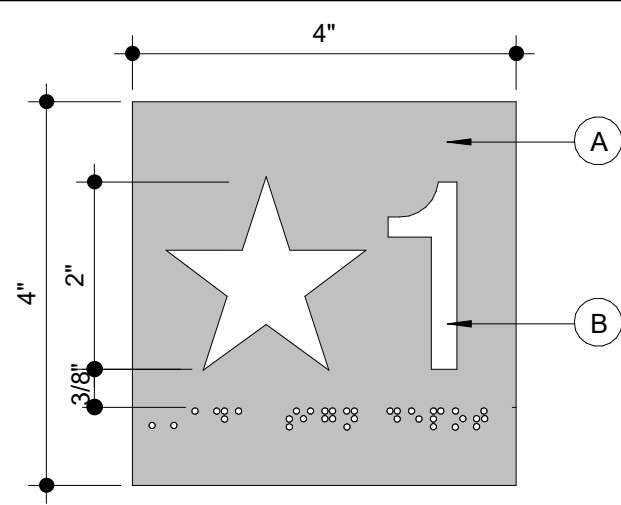
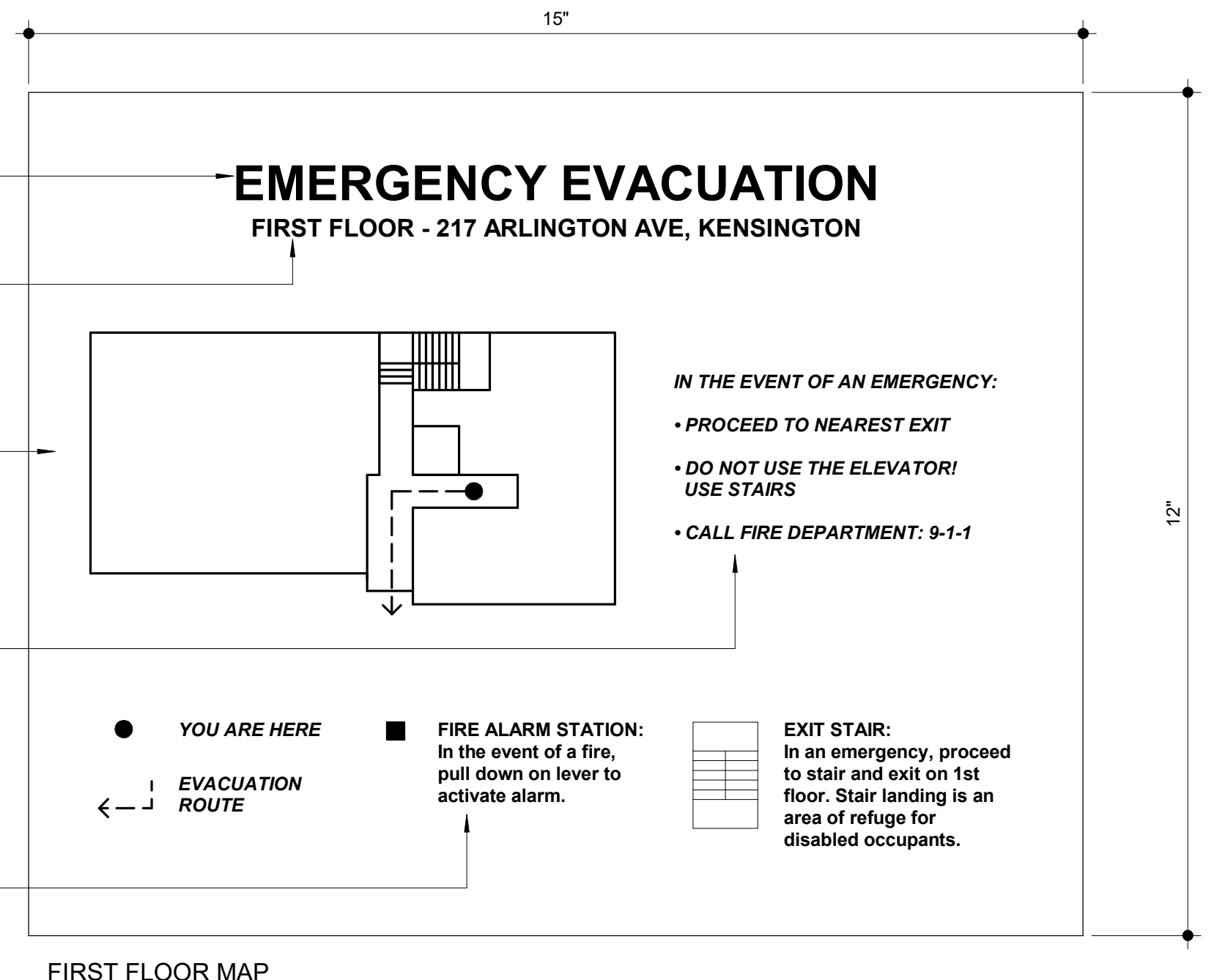
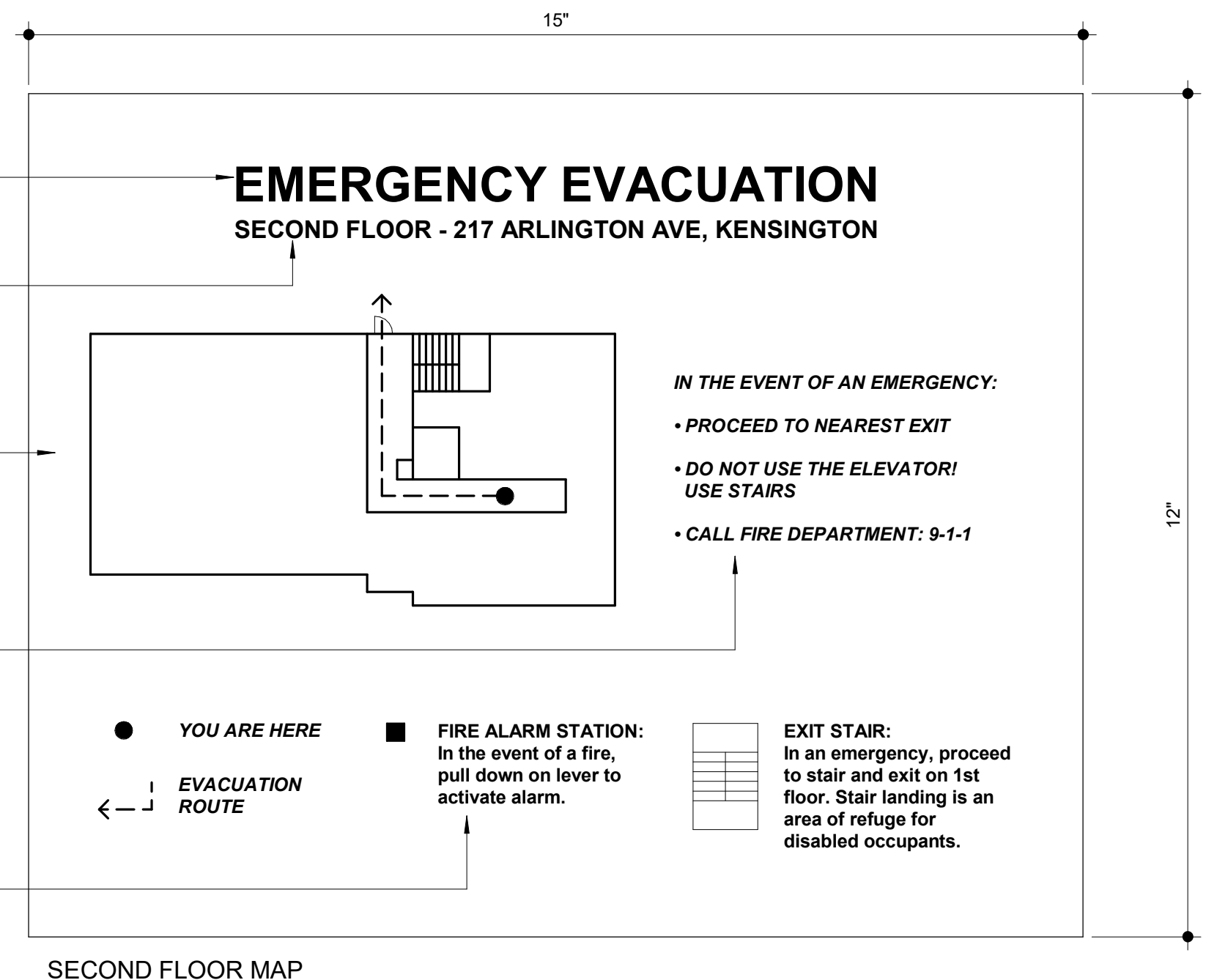
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
7	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

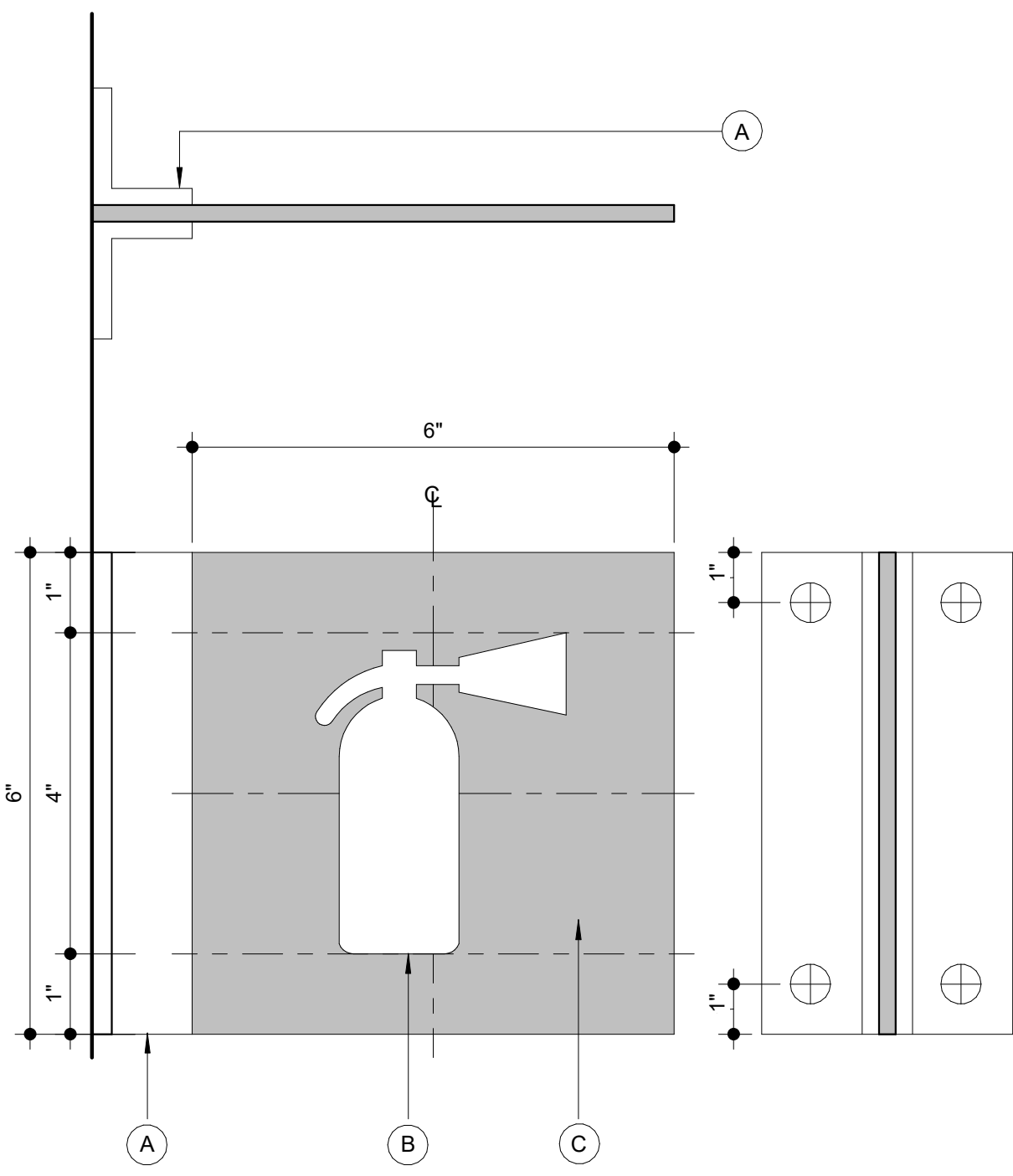
JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ACCESSIBILITY REQUIREMENTS & SIGNAGE

**A015**



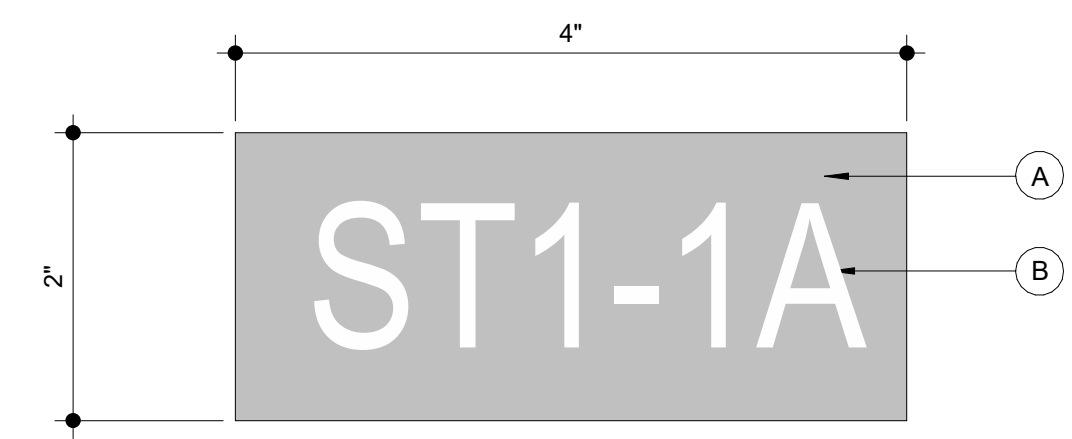
- 6 STAIR LEVEL IDENTIFICATION**  
SCALE: 6" = 1'-0"
- SIGN BACKGROUND SHALL HAVE A NON-GLARE FINISH. U.O.N., INTERIOR SIGNS SHALL BE TYPICALLY ADHERED TO WALL SURFACE WITH NON-STAINING SILICONE SEALANT AND FOAM TAPE WITHOUT ANY MECHANICAL FASTENERS. U.O.N., SIGN MATERIAL SHALL BE 1/4" THICK MELAMINE. COLOR TBD.
  - CHARACTER LETTERS SHALL BE RAISED 1/32" MIN. & NO SHARP EDGES. CHARACTERS SHALL HAVE 70% MIN. REFLECTED LIGHT VALUE WITH BACKGROUND. CHARACTER PROPORTIONS WIDTH TO HEIGHT RATION SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTERS "O" IS 60% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF UPPERCASE LETTER "I". TEXT TO BE CENTERED ON SIGN. GROUND FLOOR TO BE DENOTED W/ STAR UNLESS OTHERWISE NOTED, TEXT COLOR SHALL BE WHITE WITH A NON-GLARE FINISH.
  - BRAILLE: CONTRACTED GRADE 2 BEAD BRAILLE TRANSLATION (IN LOWER) OF TEXT ABOVE. CENTER JUSTIFY BRAILLE ON SIGN.
  - PROVIDE SEMIGLOSS, CLEAR PROTECTIVE COATING ON SIGNS, U.O.N.



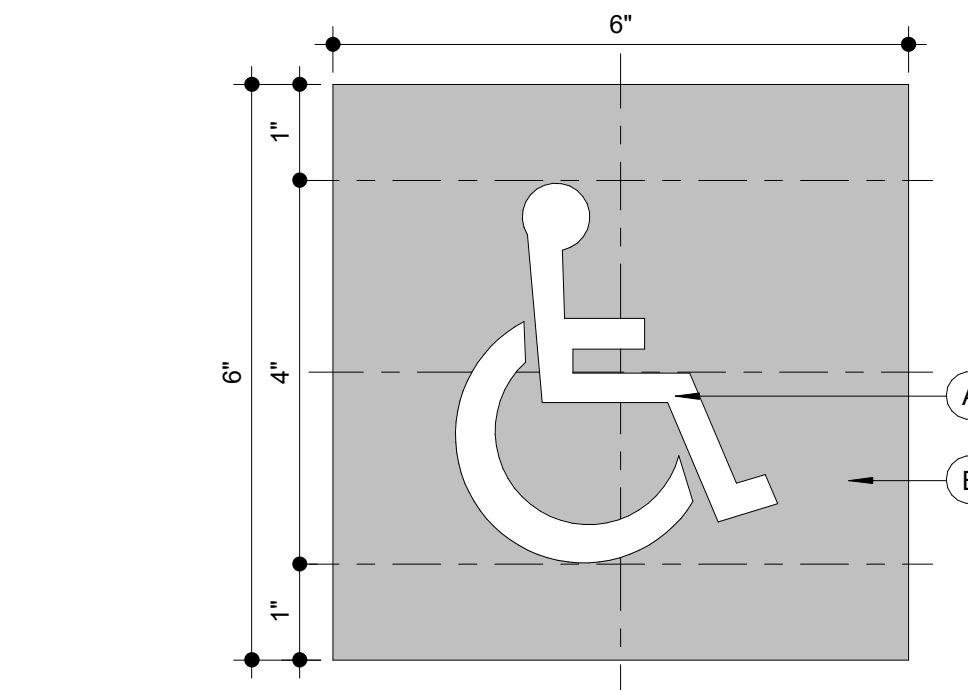
- 1 FIRE EXTINGUISHER FLAG**  
SCALE: 6" = 1'-0"
- 1 1/2" SQUARE CLEAR ANODIZED ALUMINUM "L" BRACKETS MECHANICALLY FASTENED TO WALL. ATTACH TO SIGN PANEL WITH VHB TAPE.
  - 1/8" ALUMINUM SIGN PANEL, ALL SURFACES TO BE PAINTED, COLOR TBD.
  - VINYL GRAPHICS, SURFACE APPLIED. COLOR: 3M SCOTCHCAL 50-10 WHITE.
  - SATIN FINISH CLEAR TOP COAT TO SEAL VINYL IN PLACE (NOT SHOWN).

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BIC A22-004407**  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
9:58 am, Aug 05, 2022  
**REVIEWED**  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
By: ROSALINA ACUFF

**14 EMERGENCY EVACUATION NOTICE**  
SCALE: 6" = 1'-0"



- 13 DOOR NUMBER SIGN**  
SCALE: 12" = 1'-0"
- 3M BLACK PERMANENT SELF ADHESIVE VINYL.
  - 3/4" HIGH, WHITE CONTRASTING TEXT, ARIAL FONT. TEXT TO MATCH CORRESPONDING DOOR NUMBER.



- 9 6" ENTRY VINYL (ISA)**  
SCALE: 6" = 1'-0"
- 3M WHITE PERMANENT SELF ADHESIVE VINYL, APPLIED TO SECOND SURFACE OF GLASS.
  - BLUE VINYL



- 5 IN CASE OF FIRE**  
SCALE: 6" = 1'-0"
- 1/8" ALUMINUM SIGN PANEL, ALL SURFACES PAINTED TO MATCH COLOR (TBD).
  - VINYL GRAPHICS, SURFACE APPLIED. COLOR: 3M SCOTCHCAL 50-10 WHITE.
  - SATIN FINISH CLEAR TOP COAT TO SEAL VINYL IN PLACE (NOT SHOWN).
  - MOUNT SIGN TO WALL WITH VHB TAPE AND SILICONE ADHESIVE.

C:\Users\robert\Documents\Kensington Public Safety Building\_Central\_robert\BICYZ.rvt

7/22/2022 11:28:43 AM



PROJECT ADDRESS  
**217 ARLINGTON AVE.**  
**KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 384-8869

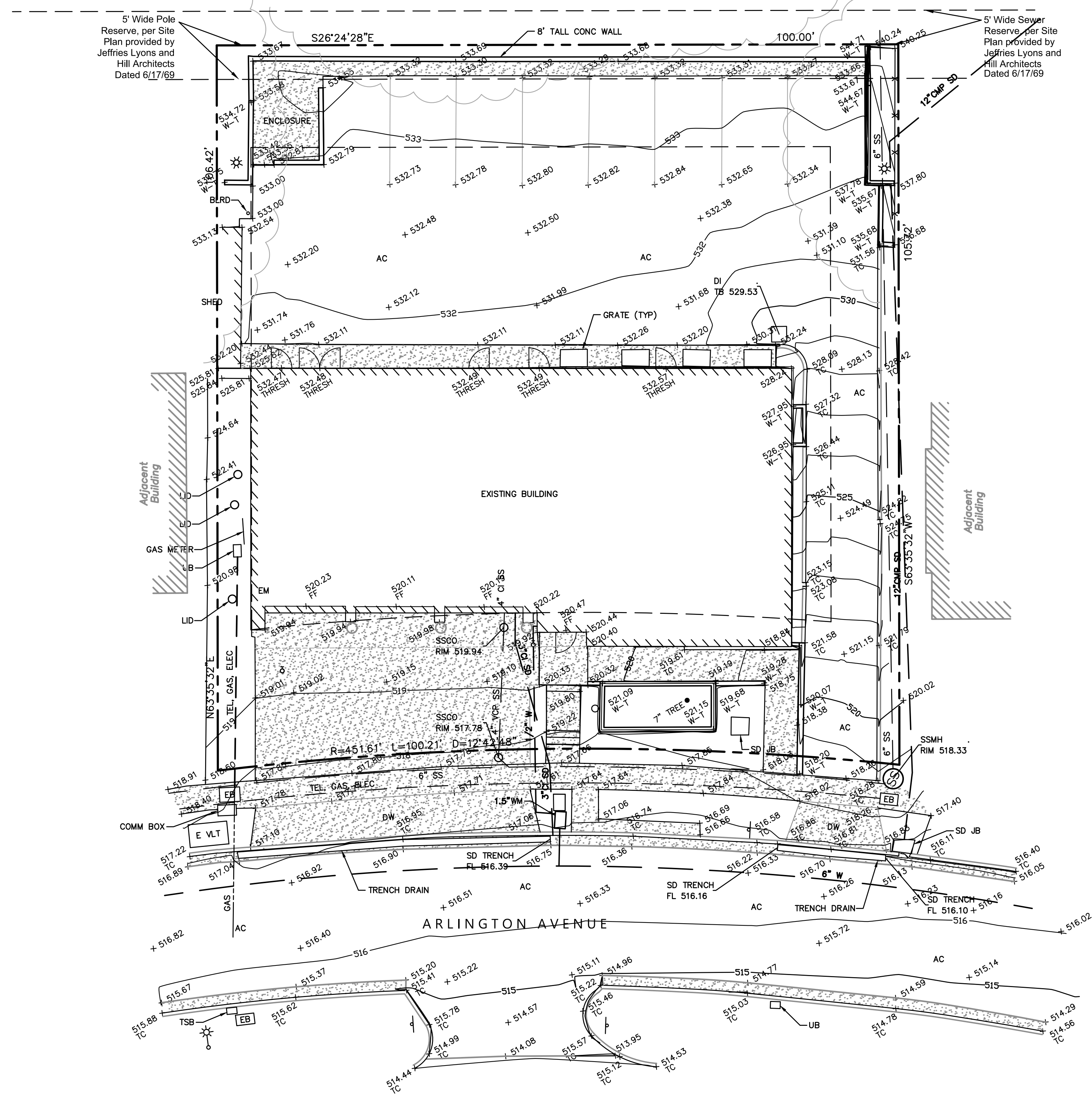
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIOVISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
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ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 626-9626



**EXISTING ABBREVIATIONS**

AC	ASPHALT CONCRETE
APN	ASSESSOR'S PARCEL NUMBER
BLRD	BOLLARD
BM	BENCHMARK
CONC	CONCRETE
DI	DROP INLET
DIA	DIAMETER
DW	DRIVEWAY
E	ELECTRIC
FF	FINISHED FLOOR
FL	SURFACE FLOWLINE
SD	STORM DRAIN
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEAN OUT
SSMH	SANITARY SEWER MANHOLE
TB	TOP OF BOX
TC	TOP FACE OF CURB
THRESH	THRESHOLD
TYP	TYPICAL
UB	UTILITY BOX
VL	VAULT
WT	WATER METER
W-T	TOP OF WALL

**LEGEND**

	WATER VALVE
	SIGN
	STREET LIGHT
	LIGHT POLE
	FENCE
	CONCRETE

**BASIS OF BEARINGS**

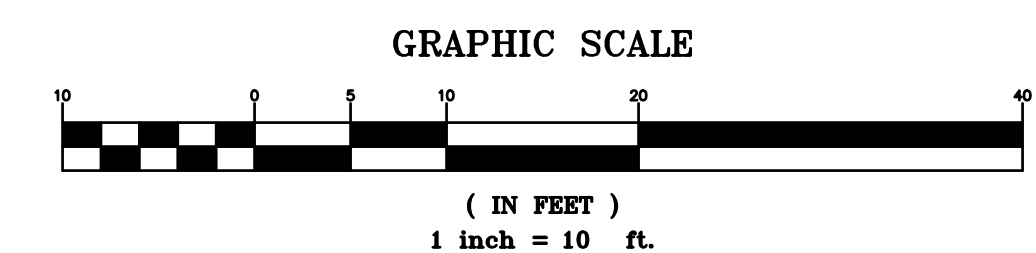
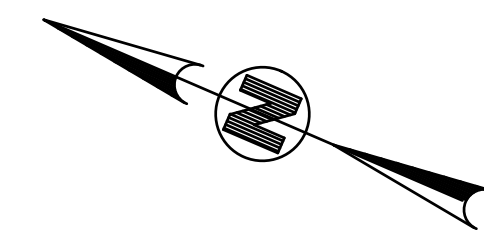
THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 3, EPOCH 2017.50, IN ACCORDANCE WITH CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE BASED LOCALLY UPON FIELD-OBSERVED TIES RELATIVE TO CALIFORNIA SPATIAL REFERENCE NETWORK STATION SRB1. DISTANCES ARE GRID BASED. DIVIDE BY A COMBINED SCALE FACTOR OF 0.99991317 TO OBTAIN GROUND DISTANCES. VALUES SHOWN BELOW IN THE TABLE ARE IN ITRF 2014.

STATION	LATITUDE	LONGITUDE	HEIGHT (m)
SRB1	37°52'27.690029"	-122°16'1.075795"	54.8535
SIGMA (mm)	2.07	2.00	6.03

**BENCHMARK**

ELEVATIONS ARE RELATIVE TO THE NORTH AMERICAN DATUM OF 1988, DERIVED FROM GPS OBSERVATION AND BASED ON NAD83(2011), EPOCH 2017.50, ELLIPSOID HEIGHTS AS PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER AND THE NGS GEOID MODEL 18.

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
 BICA22-004407  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 9:58 am, Aug 05, 2022  
 REVIEWED  
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 By: ROSALINA ACUFF



NO.	DESCRIPTION	DATE
2	PLANNING SUBMITTAL	11/01/2021
3	PLANNING REVISION 2	02/04/2022
4	PLANNING REVISION 3	03/11/2022
5	ISSUED FOR BUILDING PERMIT	04/01/2022
6	PLAN CHECK COMMENTS	07/22/2022

JOB NO.  
 211363 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**EXISTING CONDITIONS**

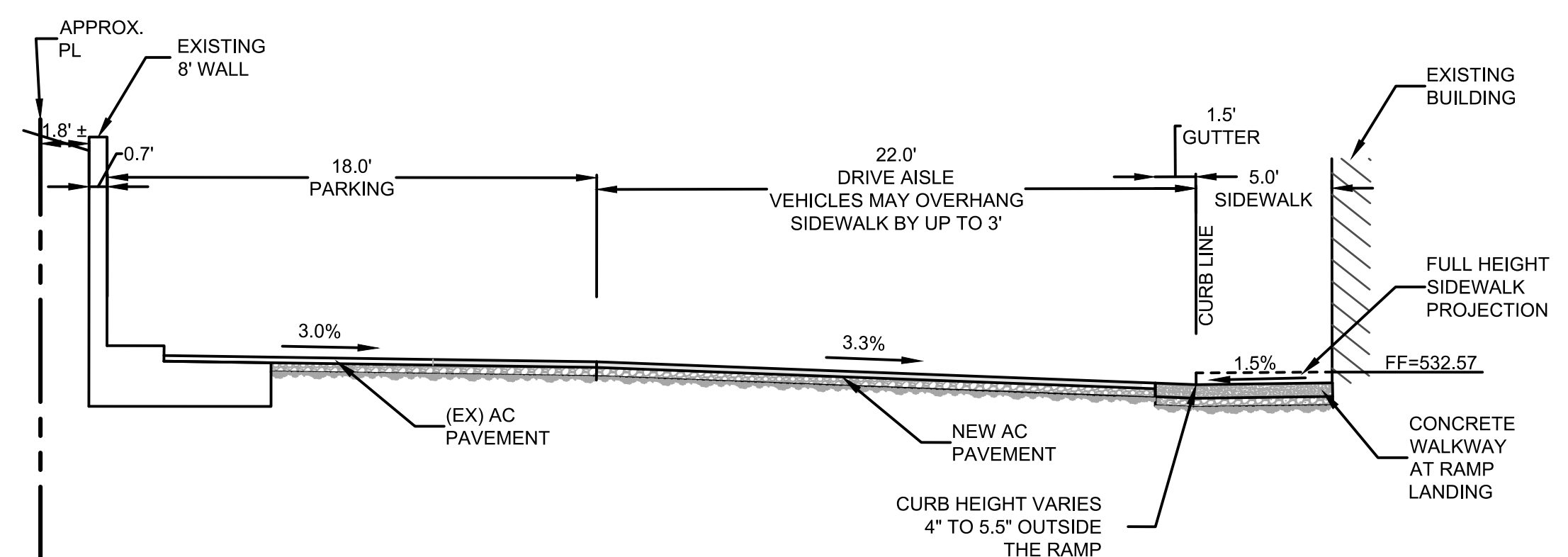
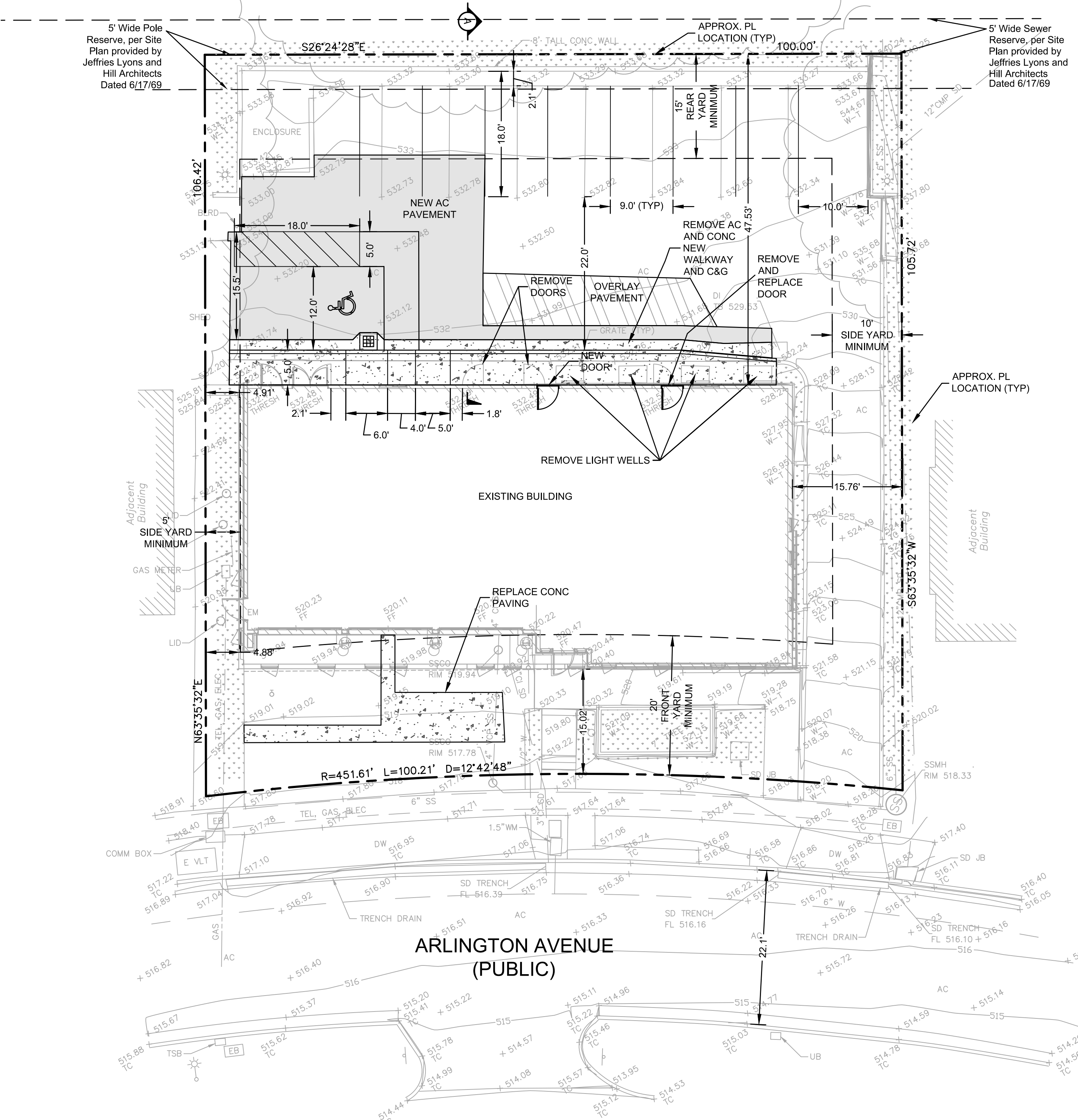
**C1.0**

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.**  
**KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
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 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 626-9626



**A** CROSS SECTION  
 NTS

**LEGEND**

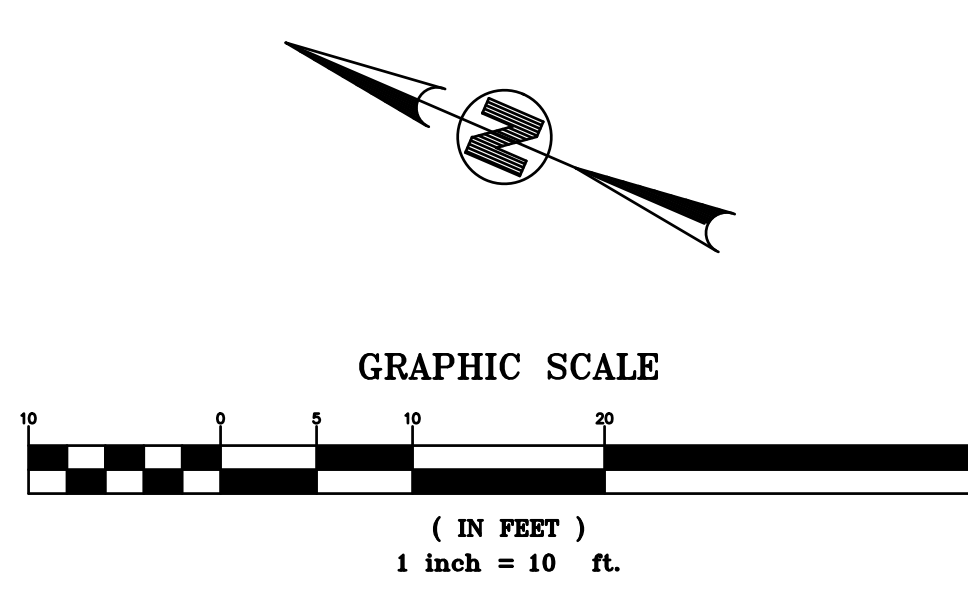
	PROPERTY LINE
	MINIMUM SETBACK REQUIREMENTS
	R-6 SINGLE-FAMILY RESIDENTIAL DISTRICT
	BUILDING OVERHANG
	NEW CONCRETE PAVEMENT
	NEW ASPHALT CONCRETE PAVEMENT
	NEW ASPHALT OVERLAY
	EXISTING LANDSCAPE

- NOTES**
- ALL DIMENSIONS ARE IN FEET AND DECIMALS, THEREFORE, CONTRACTOR TO NOTIFY THE CIVIL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES IN THE PROVIDED DIMENSIONS.
  - REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS.
  - FOR WALKS AND IN ADA ACCESSIBLE AREAS, CROSS SLOPES SHOULD NOT EXCEED 2% IN GRADE.
  - PROJECT DOES NOT PROPOSE TO REMOVE ANY TREES.
  - EXISTING BOUNDARY INFORMATION IS FROM RECORD INFORMATION ONLY AND IS NOT TIED TO MONUMENTS.
  - THE GENERAL PLAN DESIGNATION IS PS (PUBLIC/SEMI-PUBLIC).
  - THE ZONING DESIGNATION IS R-6 SINGLE-FAMILY RESIDENTIAL DISTRICT.
  - R-6 REQUIRES "THERE SHALL BE AN AGGREGATE SIDE YARD WIDTH OF AT LEAST FIFTEEN FEET. NO SIDE YARD SHALL BE LESS THAN 5 FEET WIDE."
  - R-6 REQUIRES "THERE SHALL BE A SETBACK (FRONT YARD) OF AT LEAST TWENTY FEET FOR ANY STRUCTURE IN THE R-6 DISTRICT."
  - R-6 REQUIRES "THERE SHALL BE A REAR YARD FOR ANY PRINCIPAL STRUCTURE OF AT LEAST FIFTEEN FEET."
  - THE EXISTING BUILDING ENCLOSES IN SIDE AND FRONT MINIMUM SETBACKS.
  - THE PROJECT SITE IS IN A FEMA ZONE X - AREA OF MINIMAL FLOOD HAZARD.

**LAND USE TOTALS**

TOTAL SITE AREA	=10,427 SQ FT
TOTAL (EX) IMPERVIOUS AREA	=9,094 SQ FT
TOTAL (EX) LANDSCAPED AREA	=1,333 SQ FT
TOTAL NEW IMPERVIOUS AREA	=0 SQ FT
TOTAL REPLACED IMPERVIOUS AREA	=1,696 SQ FT
PROPOSED FINAL IMPERVIOUS AREA	=9,094 SQ FT
PROPOSED FINAL LANDSCAPED AREA	=1,333 SQ FT

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 9:58 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE A MATTER OF PUBLIC RECORD. APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF



NO.	DESCRIPTION	DATE
2	PLANNING SUBMITTAL	11/01/2021
3	PLANNING REVISION 2	02/04/2022
4	PLANNING REVISION 3	03/11/2022
5	ISSUED FOR BUILDING PERMIT	04/01/2022
6	PLAN CHECK COMMENTS	07/22/2022

JOB NO.  
 211363 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**HORIZONTAL CONTROL  
 AND PARKING STRIPING  
 PLAN**

**C2.0**

# SUPERCEDED

KEEP SHEET FOR APPROVED/REVIEWED STAMPS

By: ROSALINA ACUFF

8:04 am, Aug 01, 2022




CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:

REVIEWED UNDER CDVR21-01040 FOR  
PARKING PLAN


ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO  
THIS PLAN MUST BE REVIEWED AND APPROVED BY  
CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT  
BEFORE MODIFICATION.

PLANNING APPROVED BY:  
Department of Conservation and Development



**BKF ENGINEERS**  
1646 N. CALIFORNIA BLVD.  
SUITE 400  
WALNUT CREEK, CA 94596  
(925) 940-2200  
www.bkf.com

STAMP



REGISTERED PROFESSIONAL ENGINEER  
ERIC SWANSON  
No. 64607  
CIVIL  
STATE OF CALIFORNIA  
04/01/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA. 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANZ  
T: (650) 384-8869

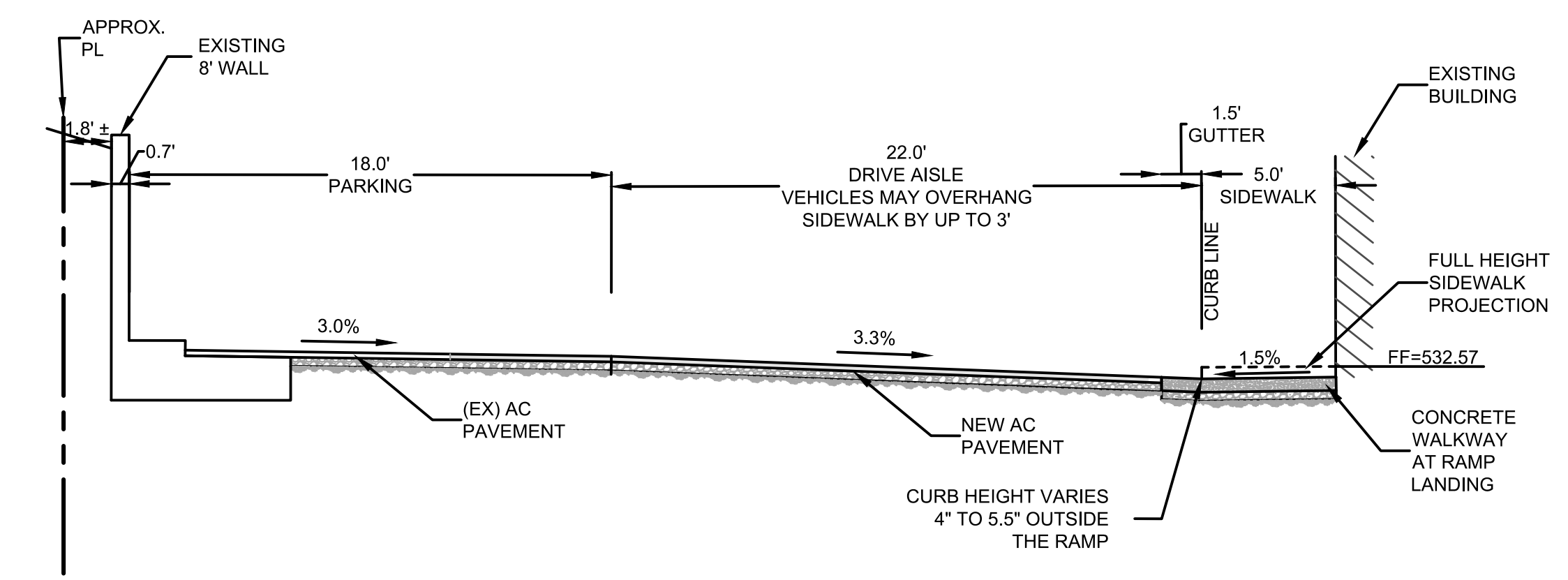
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
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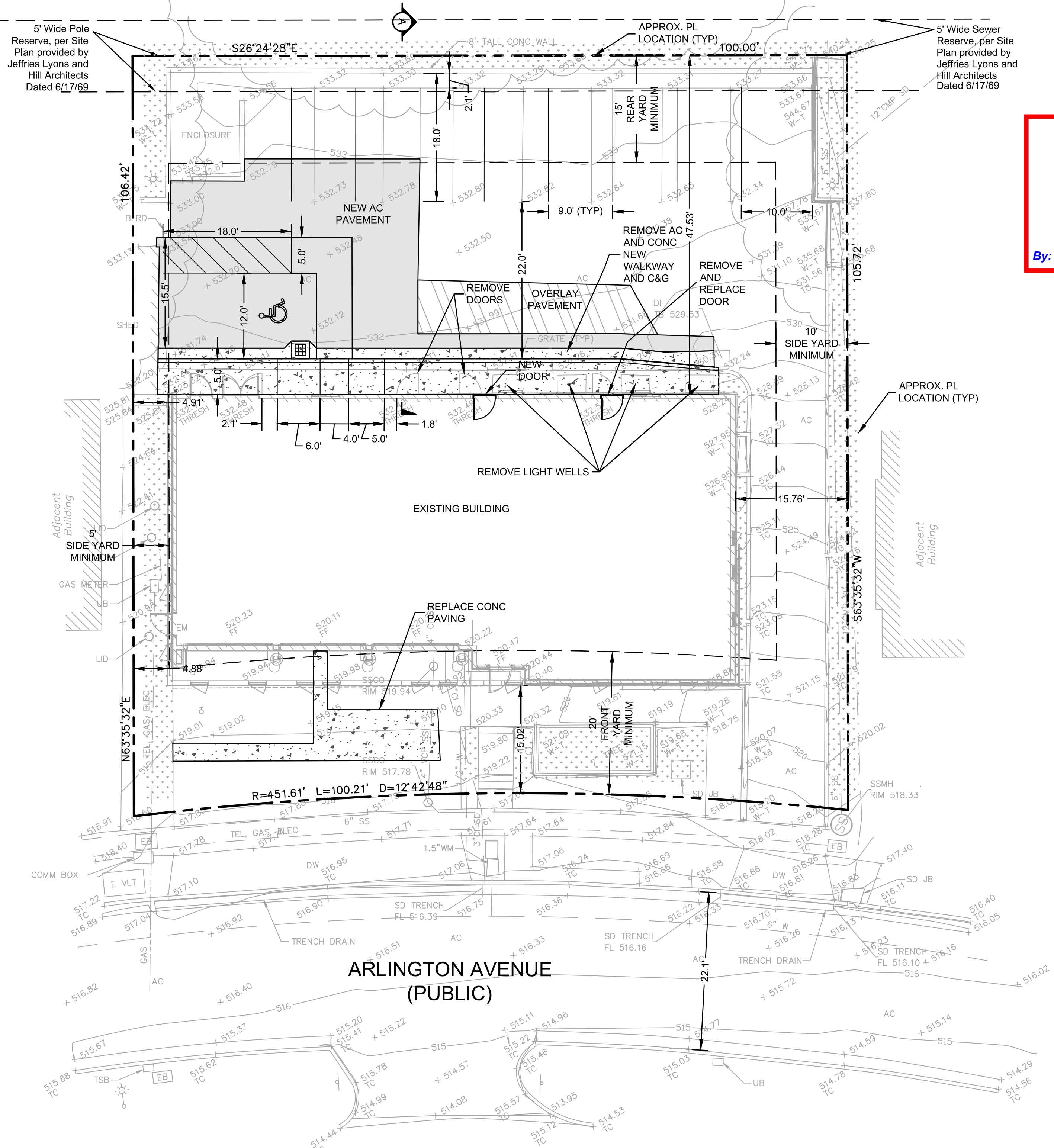
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

AUDIOVISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626



A CROSS SECTION  
NTS



**LEGEND**

- PROPERTY LINE
- MINIMUM SETBACK REQUIREMENTS
- - - R-6 SINGLE-FAMILY RESIDENTIAL DISTRICT
- BUILDING OVERHANG
- [Pattern] NEW CONCRETE PAVEMENT
- [Pattern] NEW ASPHALT CONCRETE PAVEMENT
- [Pattern] NEW ASPHALT OVERLAY
- [Pattern] EXISTING LANDSCAPE

- NOTES**
- ALL DIMENSIONS ARE IN FEET AND DECIMALS, THEREFORE, CONTRACTOR TO NOTIFY THE CIVIL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES IN THE PROVIDED DIMENSIONS.
  - REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS.
  - FOR WALKS AND IN ADA ACCESSIBLE AREAS, CROSS SLOPES SHOULD NOT EXCEED 2% IN GRADE.
  - PROJECT DOES NOT PROPOSE TO REMOVE ANY TREES.
  - EXISTING BOUNDARY INFORMATION IS FROM RECORD INFORMATION ONLY AND IS NOT TIED TO MONUMENTS.
  - THE GENERAL PLAN DESIGNATION IS PS (PUBLIC/SEMI-PUBLIC).
  - THE ZONING DESIGNATION IS R-6 SINGLE-FAMILY RESIDENTIAL DISTRICT.
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CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BICA22-004407**

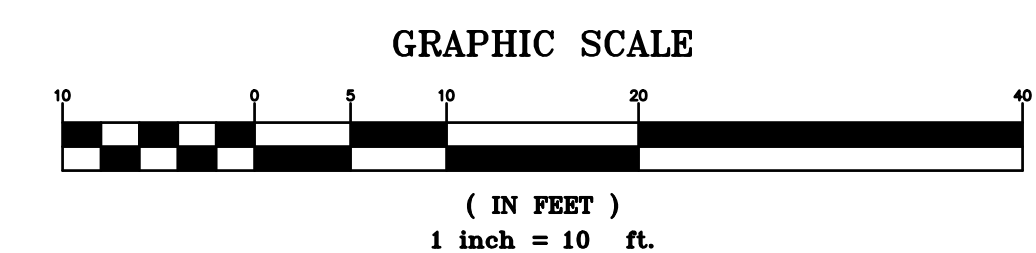
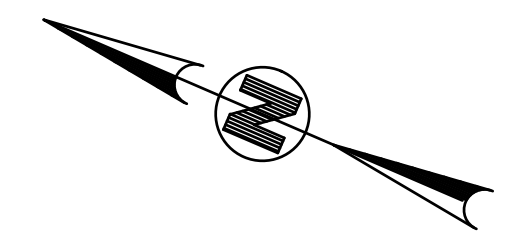
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.

9:58 am, Aug 05, 2022

**REVIEWED**

FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE A STATE APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.

By: ROSALINA ACUFF



NO.	DESCRIPTION	DATE
2	PLANNING SUBMITTAL	11/01/2021
3	PLANNING REVISION 2	02/04/2022
4	PLANNING REVISION 3	03/11/2022
5	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO.  
211363 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
**HORIZONTAL CONTROL  
AND PARKING STRIPING  
PLAN**

**C2.0**

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANZT  
 T: (505) 384-8869

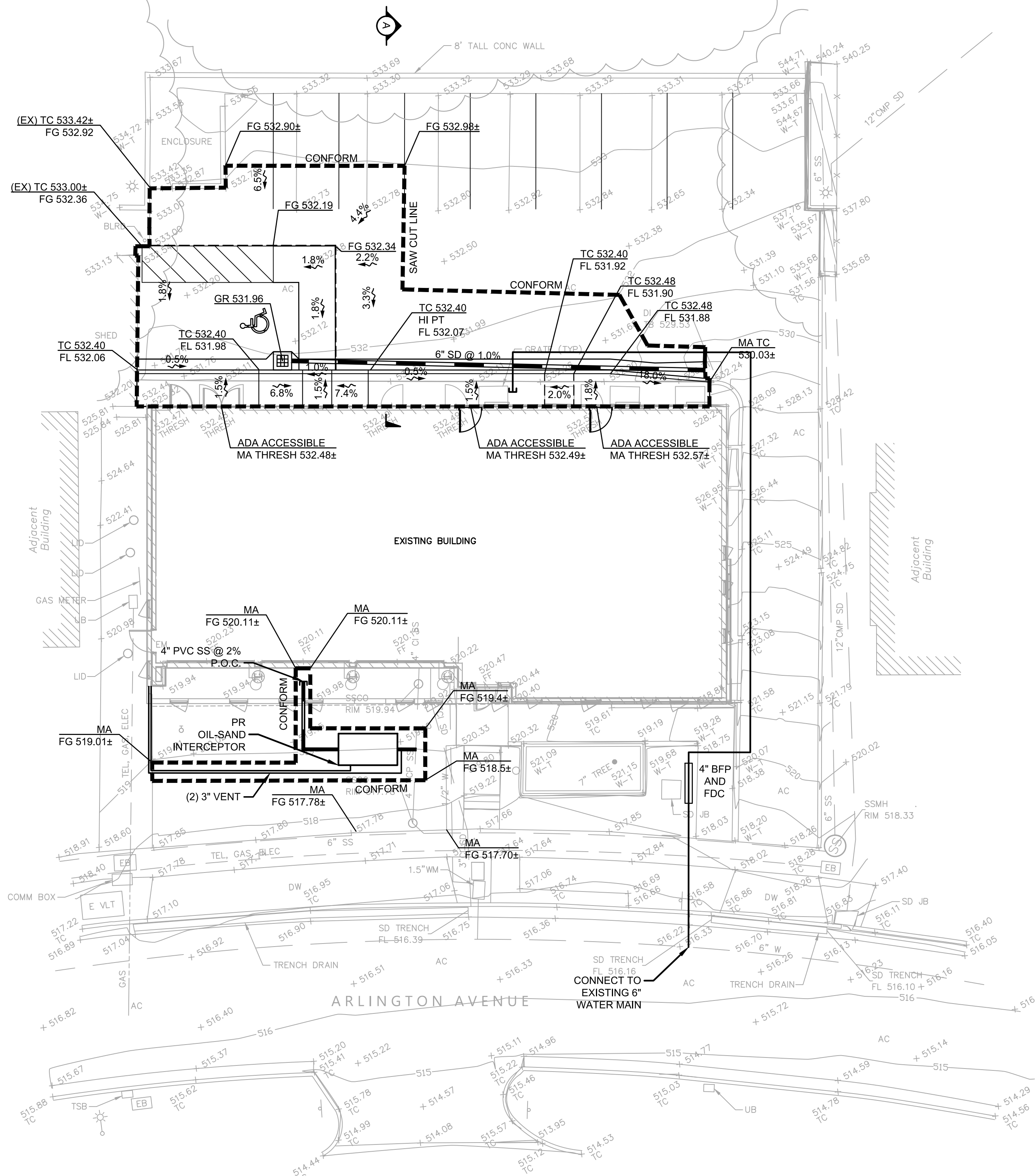
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIOVISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 626-9626



**LEGEND**

- SAW CUT LINE
- - - GRADE BREAK LINE
- FLOW LINE
- X.XX% SURFACE SLOPE
- xx.xx x SPOT ELEVATION
- STORM DRAIN LINE
- SANITARY SEWER LINE
- FIRE WATER LINE

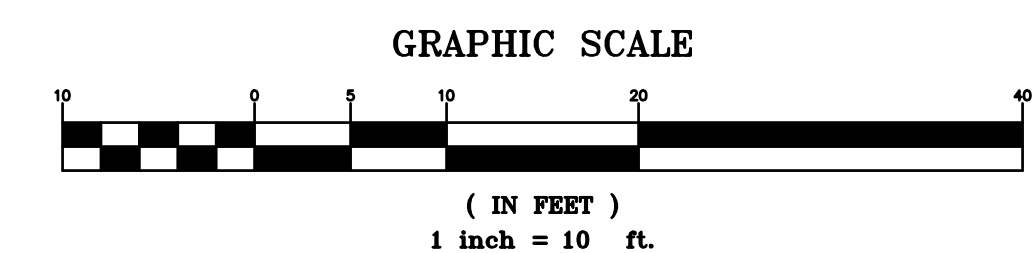
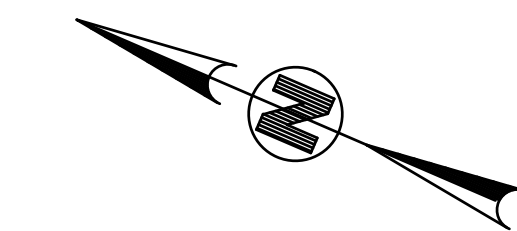
**ABBREVIATIONS**

- AC ASPHALT CONCRETE
- BW BACK OF WALK
- (EX) EXISTING
- FF FINISH FLOOR
- FG FINISH GRADE
- FL FLOWLINE
- HP HIGH POINT
- LP LOW POINT
- MA MATCH
- TC TOP OF CURB
- TTS TOP OF TREATMENT SURFACE

**NOTES**

1. INSTALL EPOXY COATED FITTINGS. CONTRACTOR TO APPLY MASTIC.

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICAZ2-004407**  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 9:58 am, Aug 05, 2022  
**REVIEWED**  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF



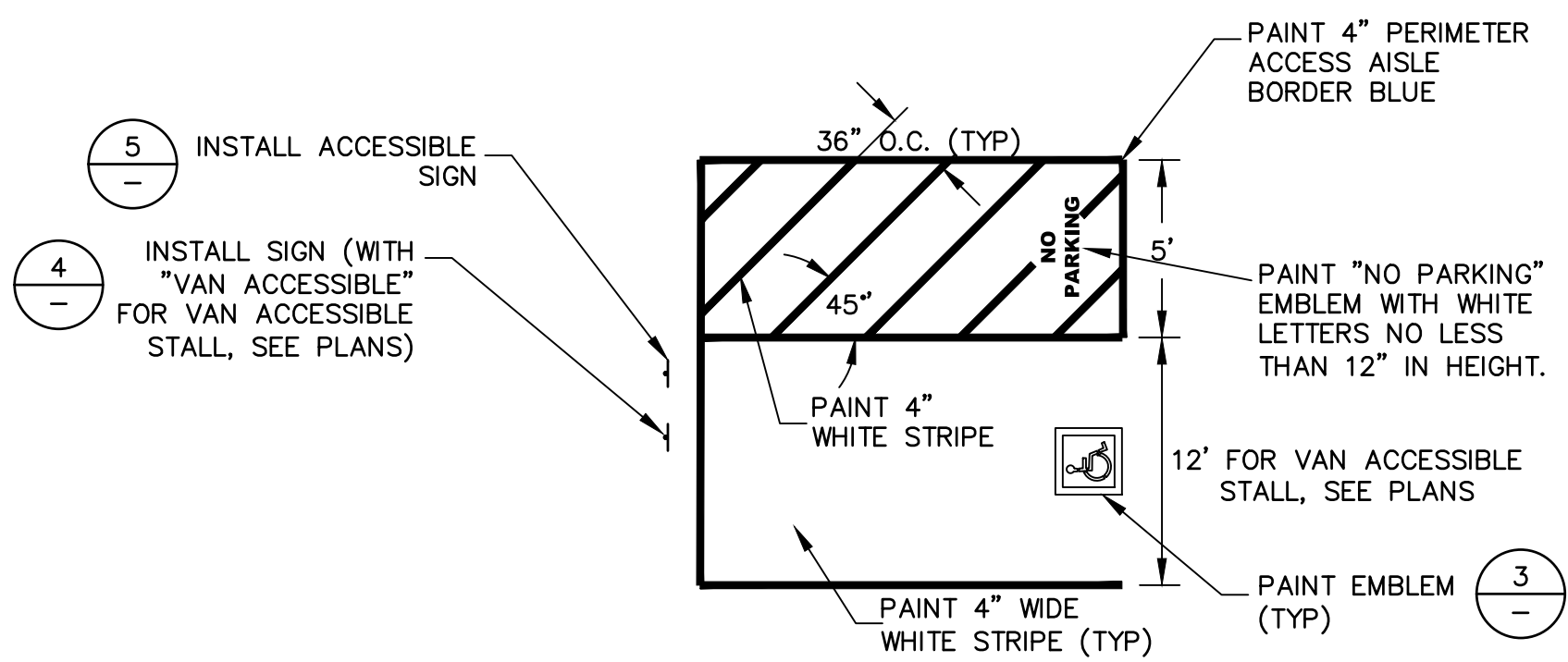
NO.	DESCRIPTION	DATE
2	PLANNING SUBMITTAL	11/01/2021
3	PLANNING REVISION 2	02/04/2022
4	PLANNING REVISION 3	03/11/2022
5	ISSUED FOR BUILDING PERMIT	04/01/2022
6	PLAN CHECK COMMENTS	07/22/2022

JOB NO.  
 211363 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

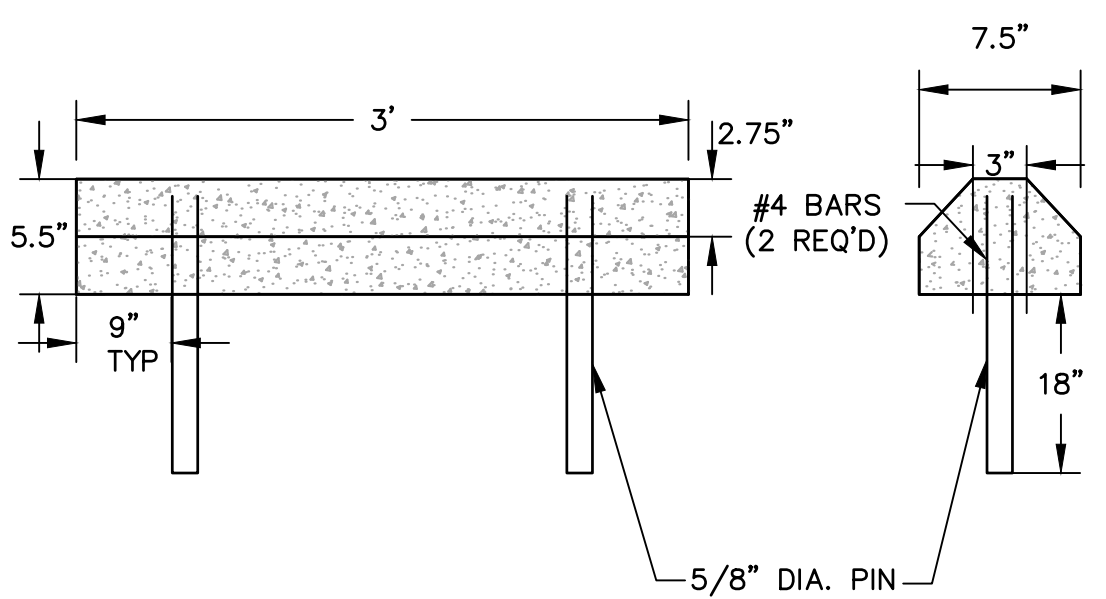
DESCRIPTION  
**GRADING AND UTILITY  
 PLAN**

**C3.0**

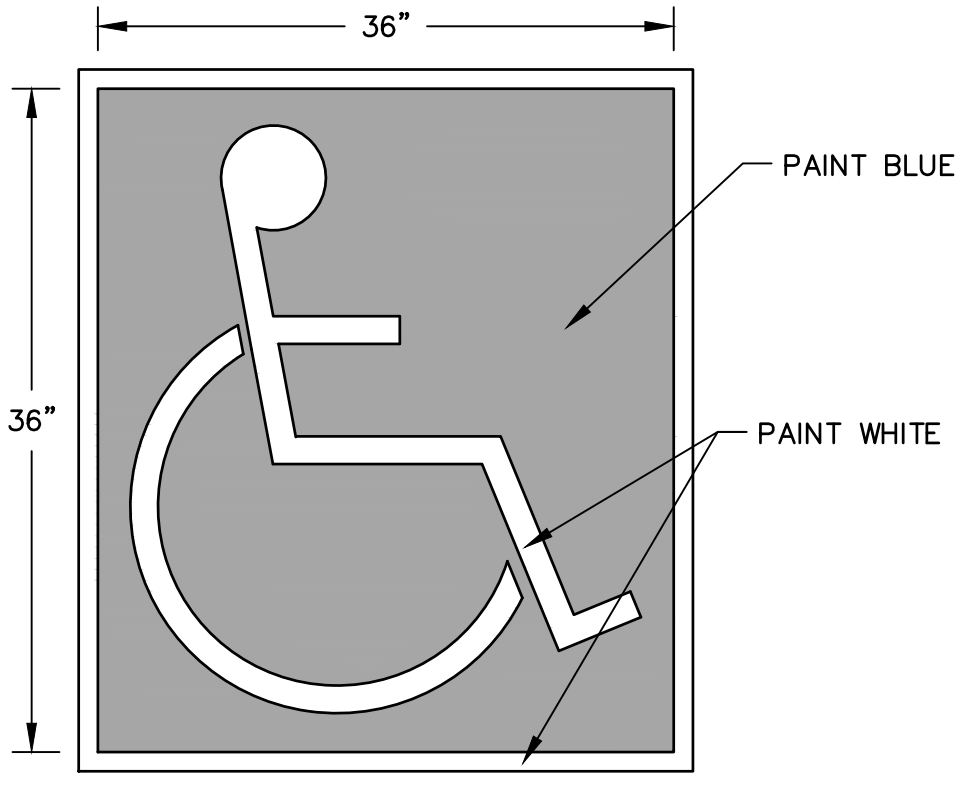




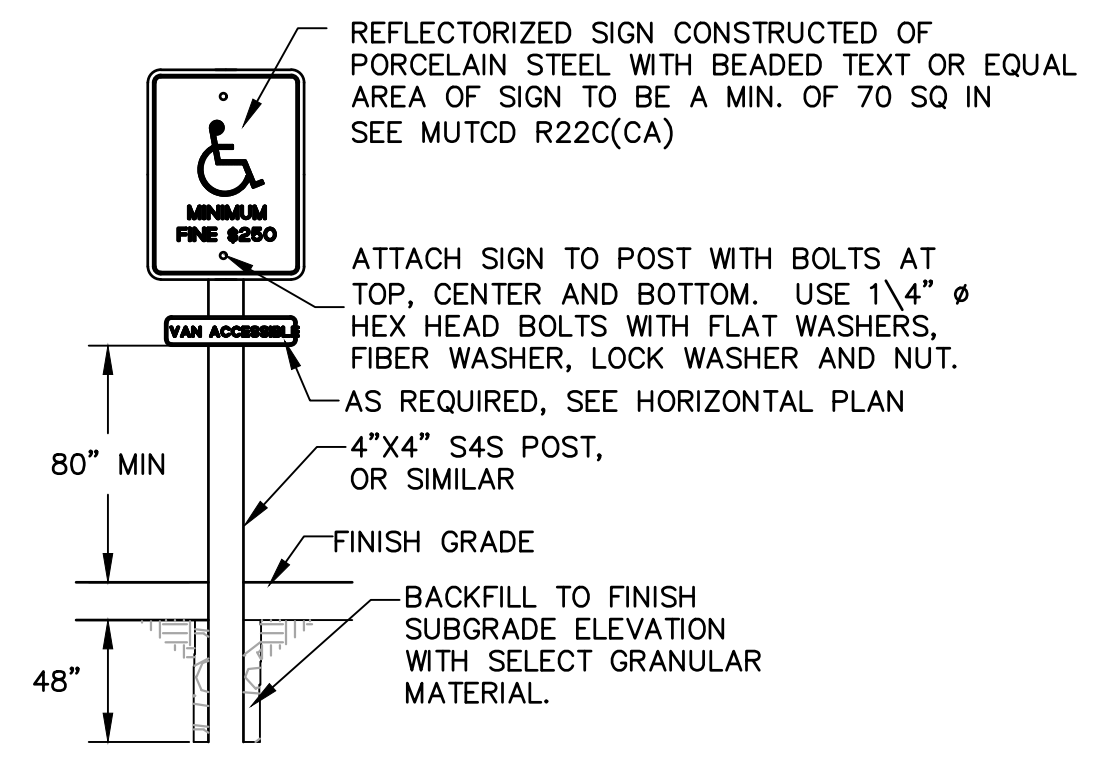
1 ACCESSIBLE PARKING STALL  
NTS



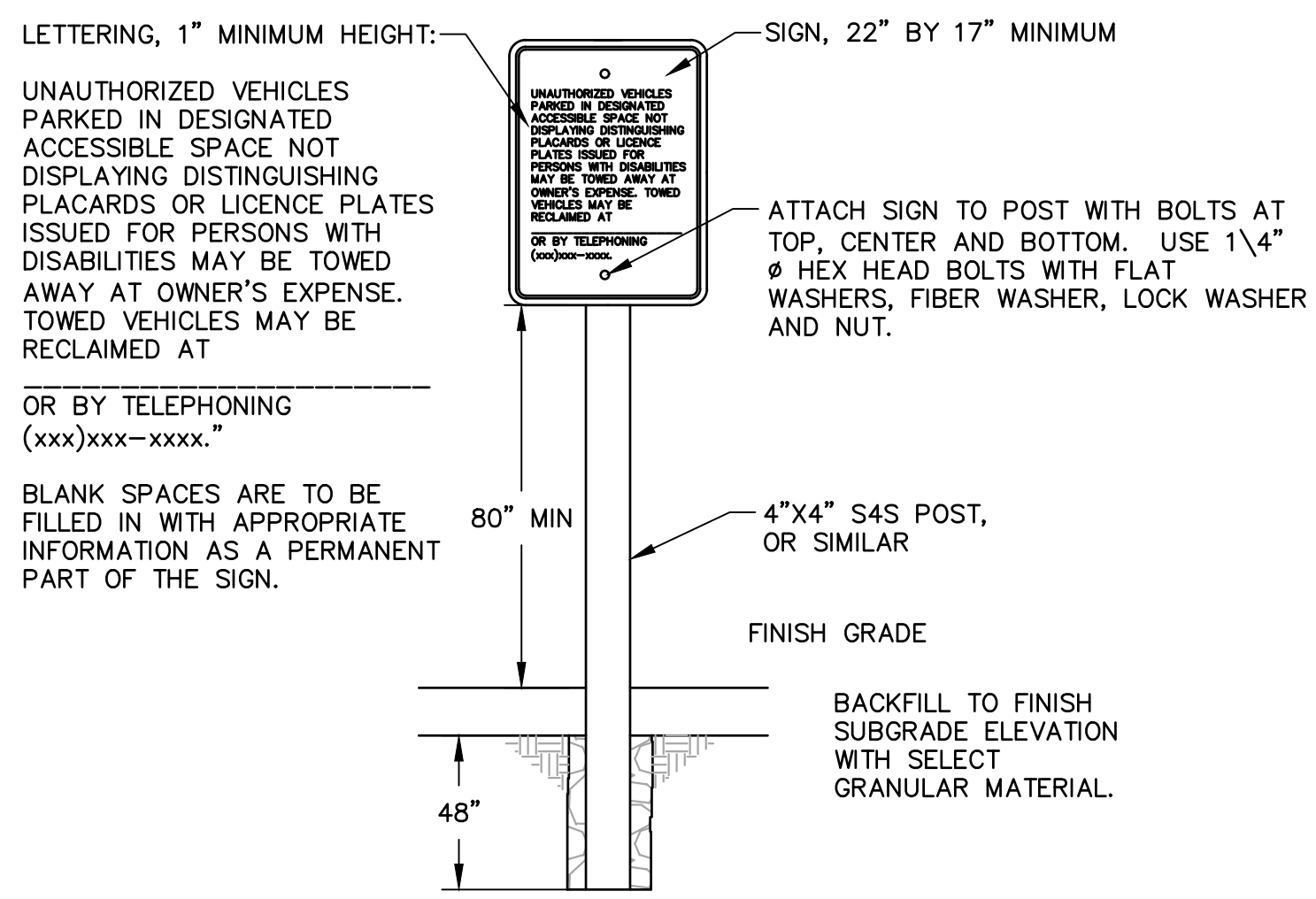
2 WHEEL STOP  
NTS



3 ADA EMBLEM  
NTS



4 ACCESSIBLE SIGNAGE DETAIL  
NTS



5 ACCESSIBLE PARKING ENTRANCE SIGN  
NTS

**BKF ENGINEERS**  
1646 N. CALIFORNIA BLVD.  
SUITE 400  
WALNUT CREEK, CA 94596  
(925) 940-2200  
www.bkf.com

STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

- PROJECT TEAM
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064
  - ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA. 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600
  - STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 384-8869
  - CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200
  - GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544
  - MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390
  - AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140
  - ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
2	PLANNING SUBMITTAL	11/01/2021
3	PLANNING REVISION 2	02/04/2022
4	PLANNING REVISION 3	03/11/2022
5	ISSUED FOR BUILDING PERMIT	04/01/2022
6	PLAN CHECK COMMENTS	07/22/2022

JOB NO.  
211363 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
**DETAILS**

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 9:58 am, Aug 05, 2022  
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 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

**C4.0**

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
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ARCHITECT: MARJANG ARCHITECTURE  
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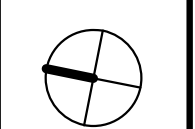
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
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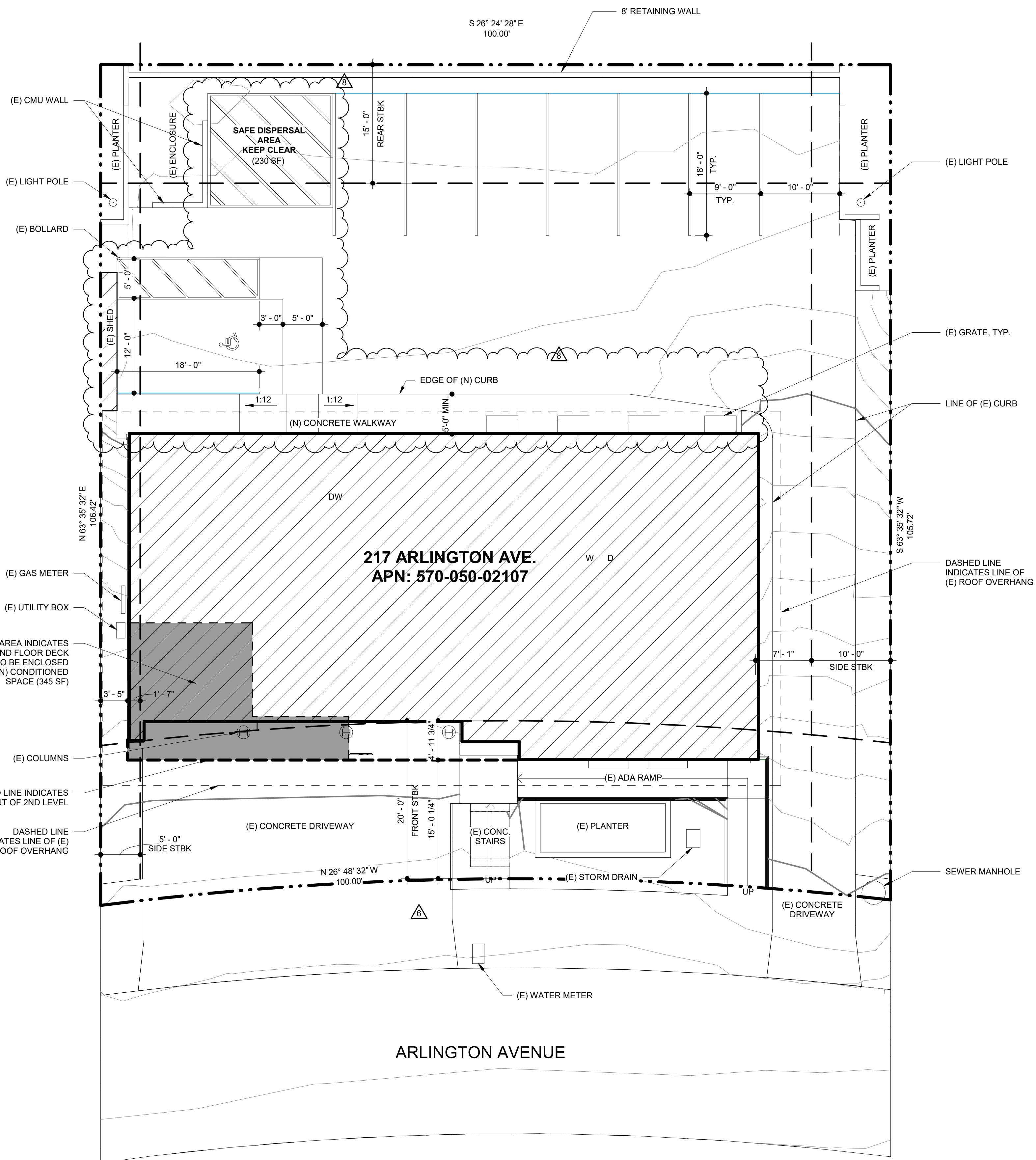
NO.	DESCRIPTION	DATE
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
6	PLANNING REVISION 2	02/04/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 SITE PLAN



**A101**



**217 ARLINGTON AVE.  
 APN: 570-050-02107**

ARLINGTON AVENUE

**1 PROPOSED SITE PLAN**  
 SCALE: 1/8" = 1'-0"

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO  
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 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING  
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 BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

C:\Users\robert\Documents\Kensington Public Safety Building\_Central\_robert\6CYZ.rvt

7/22/2022 1:43:04 PM

STAMP



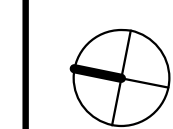
PROJECT ADDRESS  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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NO.	DESCRIPTION	DATE
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3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
6	PLANNING REVISION 2	02/04/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

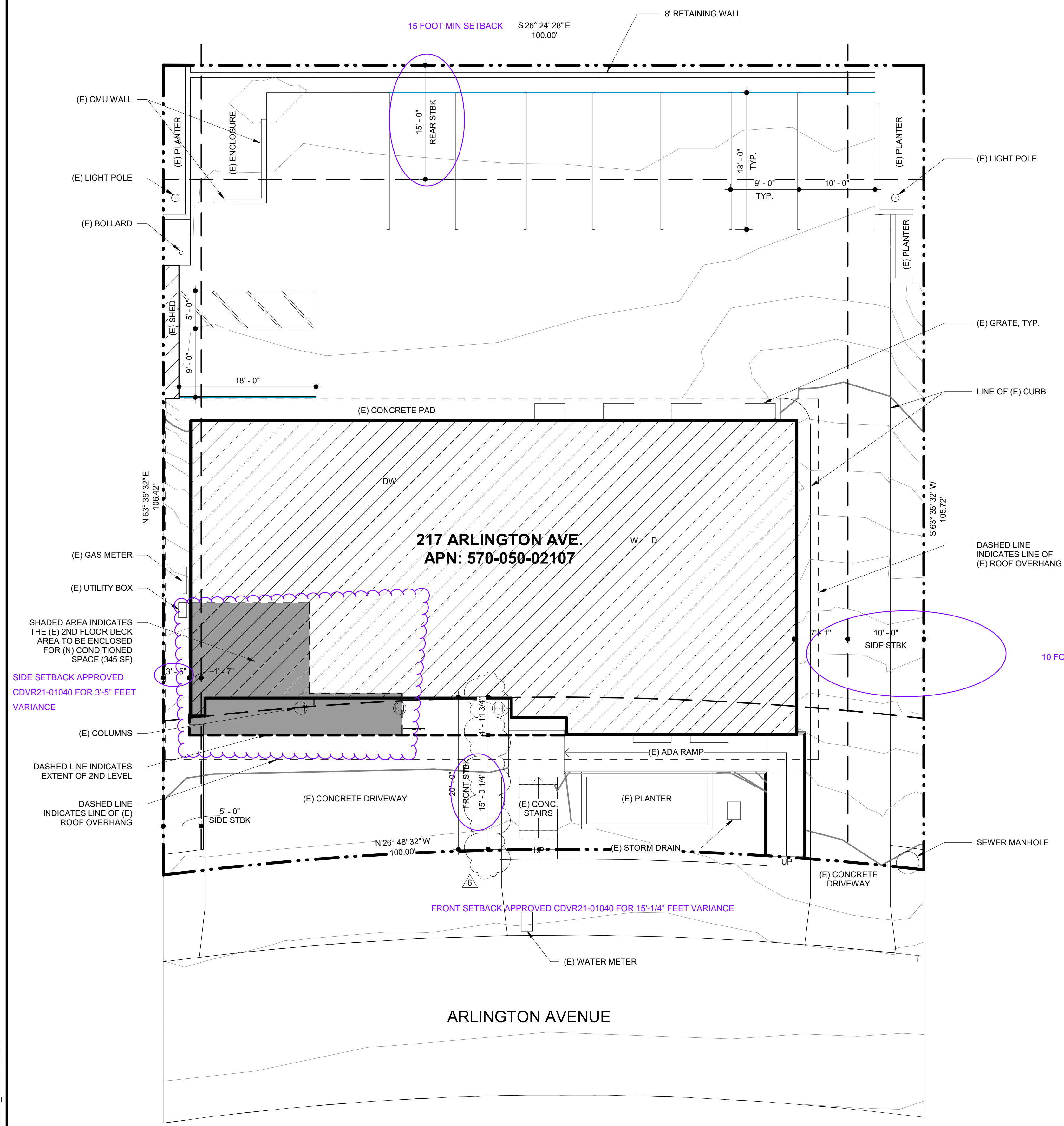
DESCRIPTION  
SITE PLAN



A101

**SUPERCEDED**  
KEEP SHEET FOR APPROVED/REVIEWED STAMPS  
By: ROSALINA ACUFF 8:04 am, Aug 01, 2022

CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:  
**345 SQ FT ENCLOSE OF 2ND STORY  
DECK CDVR21-01040**  
ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO  
THIS PLAN MUST BE REVIEWED AND APPROVED BY  
CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT  
BEFORE MODIFICATION.  
PLANNING APPROVED BY:  
Department of Conservation and Development



1 PROPOSED SITE PLAN  
SCALE: 1/8" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
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APPROVAL OR THE VIOLATION OF ANY COUNTY ORDINANCE OR STATE  
LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE  
BUILDING OFFICIAL.  
By: ROSALINA ACUFF

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

**SHEET NOTES**

- SEE STRUCTURAL DRAWINGS FOR EXTENT OF SLAB ON GRADE TO BE REMOVED

**KEYNOTES**

- 02 41 00.C14 (E) CASEWORK TO BE REMOVED
- 02 41 00.C17 (E) DOOR AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
- 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
- 02 41 00.C22 (E) WALLS TO BE REMOVED
- 02 41 00.C35 (E) FIXTURES TO BE REMOVED
- 02 41 00.C57 (E) OVERHEAD SECTION DOORS TO BE REMOVED
- 02 41 00.C59 (E) WINDOWS AT LIGHT WELL TO BE REMOVED
- 02 41 00.C60 (E) CONCRETE CURB TO BE REMOVED AT THIS LOCATION ONLY
- 02 41 00.E1 (E) WALL FINISH TO BE REMOVED, REMOVE (E) FRP PANELS AT GARAGE. (E) FRAMING TO REMAIN
- 02 41 00.E2 (E) MOMENT FRAME AND CONCRETE PIERS TO REMAIN
- 02 41 00.E5 SELECTIVE AREA OF (E) SLAB ON GRADE TO BE REMOVED, SSD
- 02 41 00.E6 SELECTIVE AREA OF (E) SLAB TO BE REMOVED FOR ELEVATOR PIT
- 02 41 00.E7 (E) BEARING WALL TO REMAIN, SSD.
- 02 41 00.E16 (E) COMPRESSOR TO BE SALVAGED AND RELOCATED

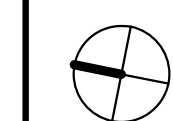
**WALL LEGEND**

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED
- 1-HR RATED FLOOR ASSEMBLY

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

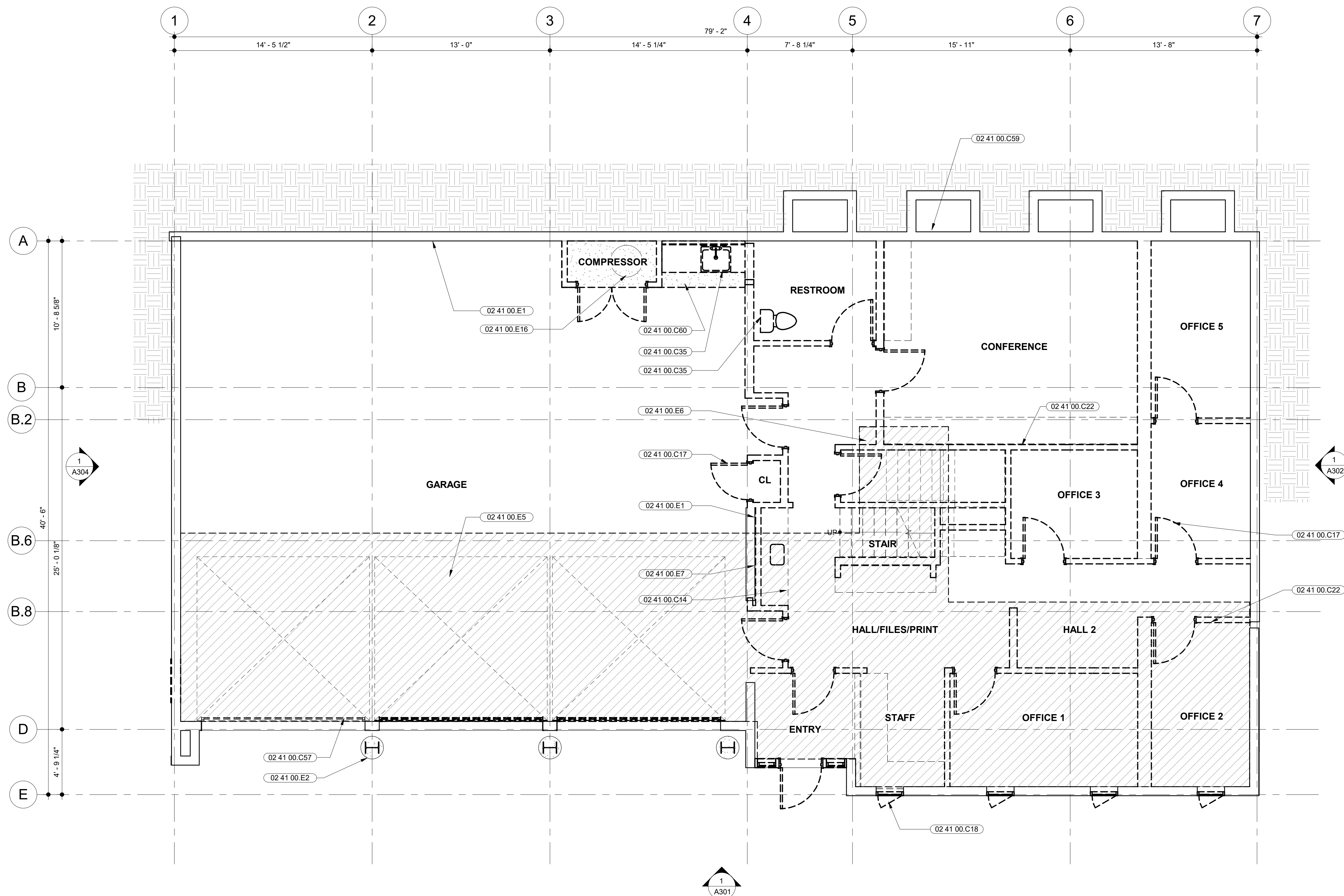
JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 EXISTING AND DEMOLITION 1ST LEVEL FLOOR  
 PLAN



## A201

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO  
 INSPECTORS AT ALL TIMES.  
 9:58 am, Aug 05, 2022  
**REVIEWED**  
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 By: ROSALINA ACUFF



**1** EXISTING (DEMOLITION) 1ST LEVEL PLAN  
 SCALE: 1/4" = 1'-0"

# SUPERCEDED

KEEP SHEET FOR APPROVED/REVIEWED STAMPS

By: ROSALINA ACUFF

8:05 am, Aug 01, 2022

### SHEET NOTES

- SEE STRUCTURAL DRAWINGS FOR EXTENT OF SLAB ON GRADE TO BE REMOVED



CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:

INTERIOR REMODEL OF EXISTING FIRE  
STATION CDVR21-01040

ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO  
THIS PLAN MUST BE REVIEWED AND APPROVED BY  
CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT  
BEFORE MODIFICATION.

PLANNING APPROVED BY:  
Department of Conservation and Development

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- 1-HR RATED WALL
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# MARJANG ARCHITECTURE

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

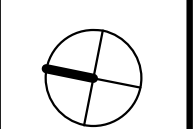
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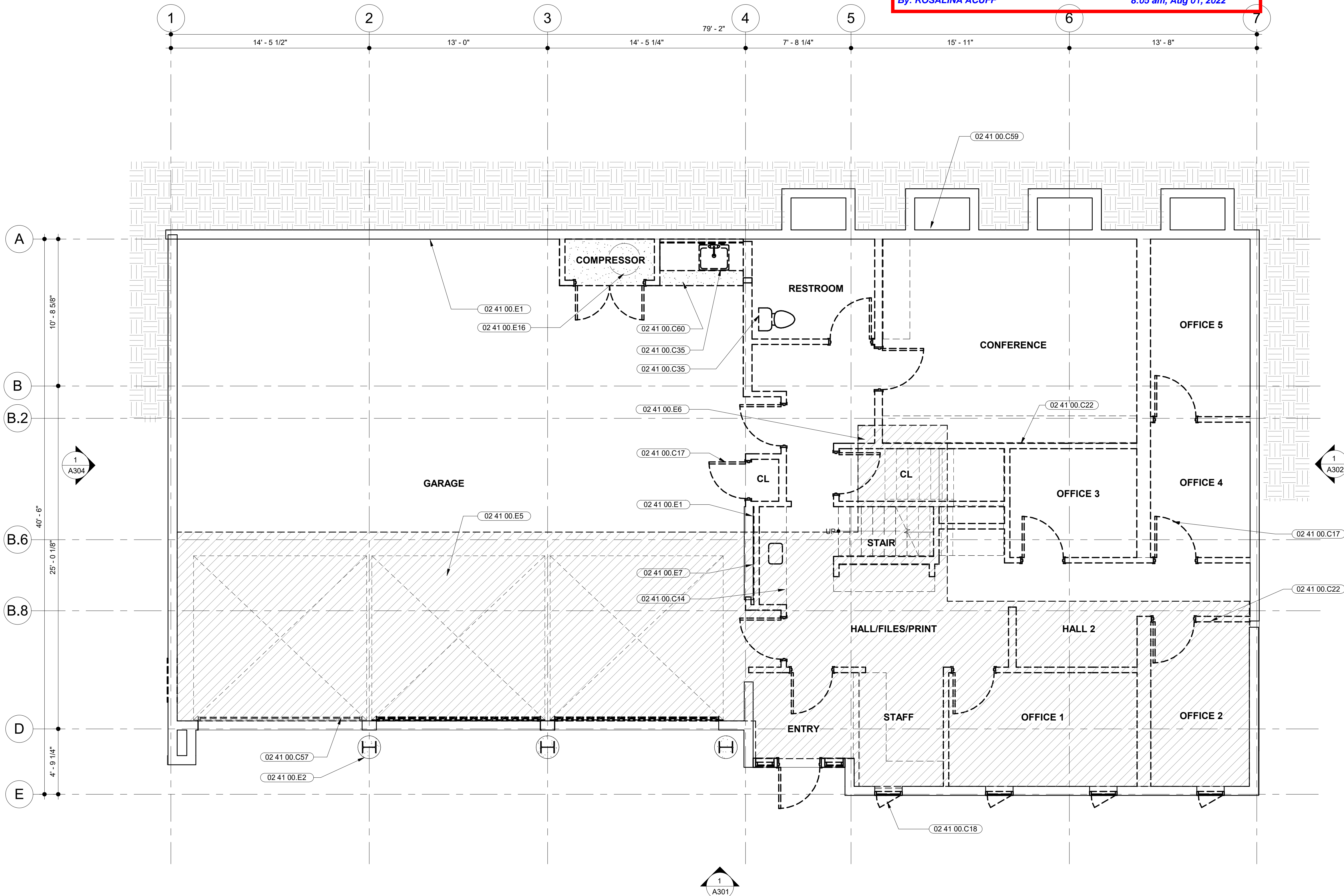
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7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
EXISTING AND DEMOLITION 1ST LEVEL FLOOR  
PLAN



# A201



**1** EXISTING (DEMOLITION) 1ST LEVEL PLAN  
SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BICA22-004407  
9:58 am, Aug 05, 2022  
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**SHEET NOTES**

- DIMENSIONS ARE TAKEN FROM GRIDLINE TO FACE OF STUD. DIMENSIONS NOTED WITH CLR. ARE FROM FACE OF FINISH TO FACE OF FINISH.
- FURNITURE, FIXTURES, AND EQUIPMENT SHOWN FOR REFERENCE. SEE FF&E PLAN AND SPECIFICATIONS
- SEE RCP ON SHEET A205 AND A206
- SEE ROOF PLAN ON SHEET A208
- SEE WALL TYPES ON SHEET A901
- FOR EXTERIOR WALL ASSEMBLIES/TYPES, SEE DETAIL CALLOUTS ON EXTERIOR ELEVATIONS
- PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND WALL MOUNTED ACCESSORIES INCLUDING BATHROOM FIXTURES. SEE DETAIL 3/A902
- PROVIDE FIRE BLOCKING FOR WALL CAVITIES THAT EXCEED CBC HEIGHT LIMITATIONS.
- ALL WALL FRAMING TO EXTEND TO BOTTOM OF FLOOR FRAMING OR ROOF FRAMING, U.O.N.

**KEYNOTES**

- 03 30 00.A CONCRETE APP BAY FLOOR. SLOPE TO DRAINS. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION
- 06 11 00.A INFILL (E) WINDOW OPENING AT INDICATED LIGHT WELL
- 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
- 06 41 00.B UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
- 06 43 00.A (N) WOOD FRAMED STAIR
- 08 33 00.A TRENCH DRAIN, SEE PLUMBING DRAWINGS
- 10 44 00.A FIRE EXTINGUISHER CABINET
- 10 50 80.A TURNOUT GEAR LOCKERS
- 11 23 00.A COMMERCIAL EXTRACTOR
- 12 36 19.A BUTCHER BLOCK COUNTERTOPS
- 12 36 23.A PLASTIC LAMINATE COUNTERTOPS
- 14 24 00.A1 HYDRAULIC ELEVATOR
- 22 11 12.B TRENCH DRAIN, SEE PLUMBING DRAWINGS
- 22 14 16.D (N) RAINWATER LEADER AT EXTERIOR, SEE PLUMBING DRAWINGS
- 22 42 16.C DECON SERVICE SINK WITH INTEGRAL WORKTABLE. SEE PLUMBING DRAWINGS
- 22 47 13.A HI-LO DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS

**WALL LEGEND**

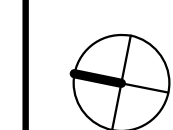
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CONTRA COSTA COUNTY  
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**BICA22-004407**  
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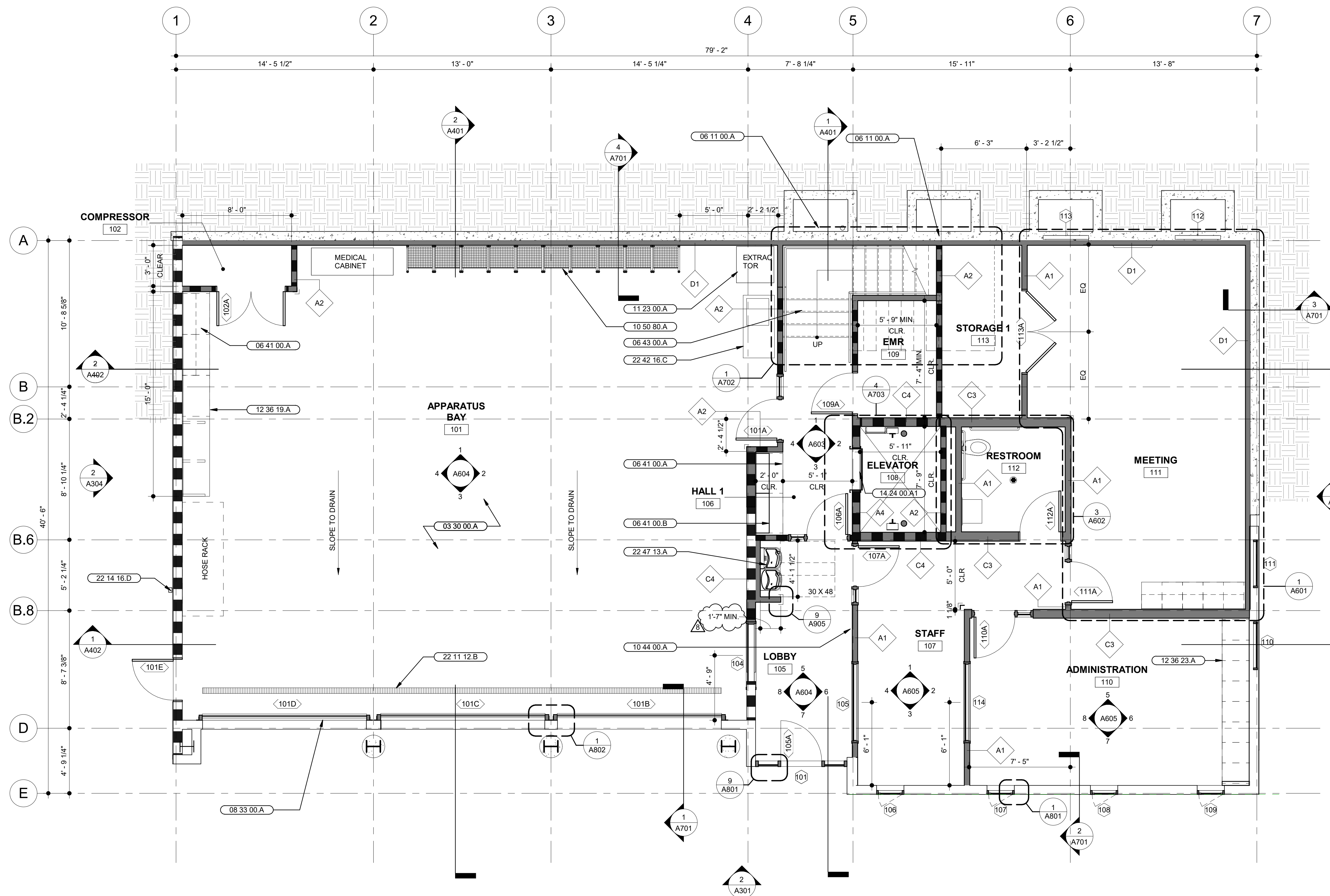
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7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 PROPOSED 1ST LEVEL FLOOR PLAN



**A202**



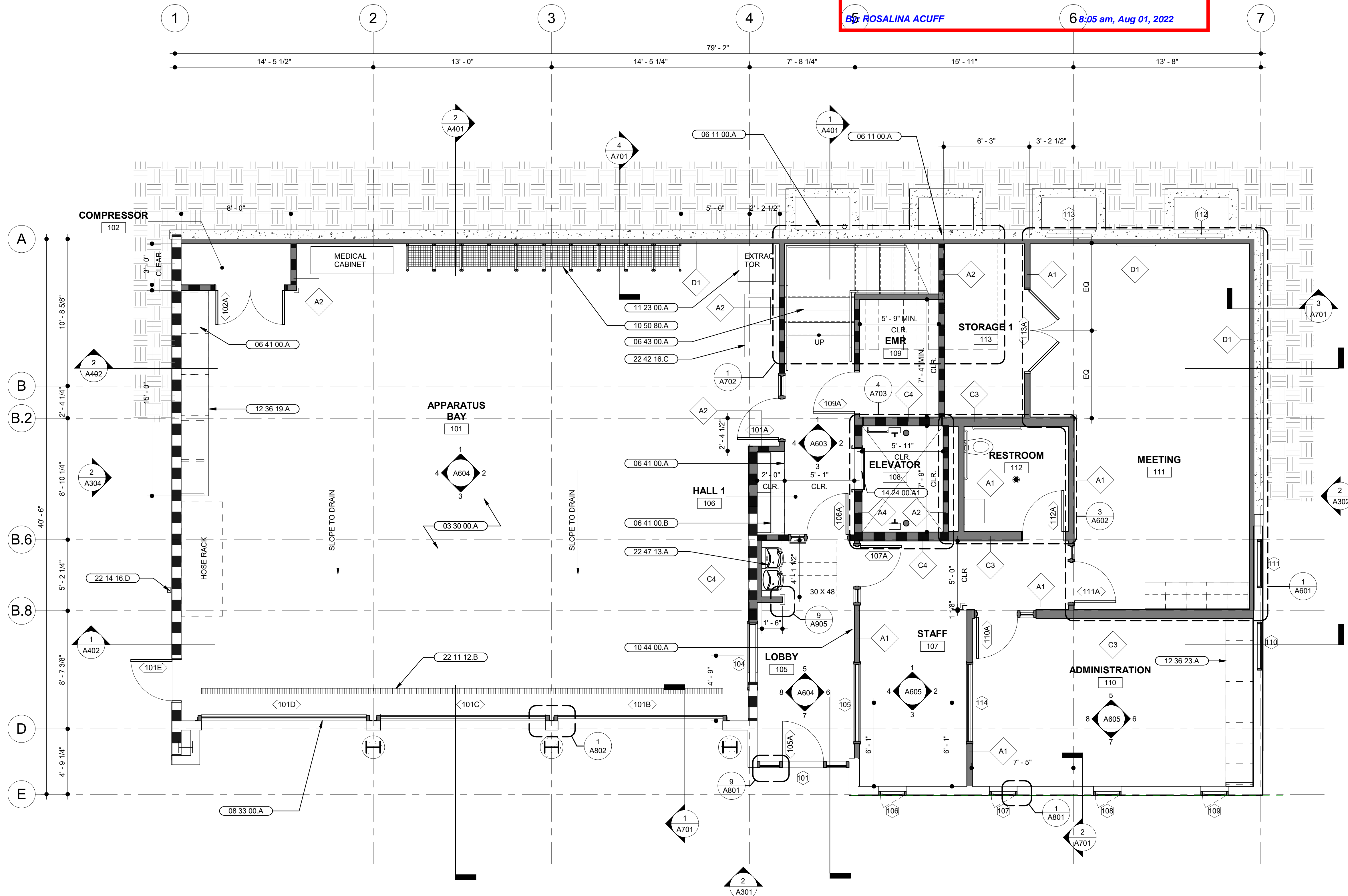
**1 PROPOSED 1ST LEVEL PLAN**  
 SCALE: 1/4" = 1'-0"

# SUPERCEDED

KEEP SHEET FOR APPROVED/REVIEWED STAMPS

By ROSALINA ACUFF

6:05 am, Aug 01, 2022



**1** PROPOSED 1ST LEVEL PLAN  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

1. DIMENSIONS ARE TAKEN FROM GRIDLINE TO FACE OF STUD. DIMENSIONS NOTED WITH CLR. ARE FROM FACE OF FINISH TO FACE OF FINISH.
2. FURNITURE, FIXTURES, AND EQUIPMENT SHOWN FOR REFERENCE. SEE FRIE PLAN AND SPECIFICATIONS.
3. SEE RCP ON SHEET A205 AND A206
4. SEE ROOF PLAN ON SHEET A208
5. SEE WALL TYPES ON SHEET A901
6. FOR EXTERIOR WALL ASSEMBLIES/TYPES, SEE DETAIL CALLOUTS ON EXTERIOR ELEVATIONS
7. PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND WALL MOUNTED ACCESSORIES INCLUDING BATHROOM FIXTURES. SEE DETAIL 3/A902
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CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:

INTERIOR REMODEL OF EXISTING FIRE  
STATION CDVR21-01040

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PLANNING APPROVED BY:  
Department of Conservation and Development

**KEYNOTES**

- |              |  |
|--------------|--|
| 03 30 00.A   | CONCRETE APP BAY FLOOR. SLOPE TO DRAINS. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION |
| 06 11 00.A   | INFILL (E) WINDOW OPENING AT INDICATED LIGHT WELL  |
| 06 41 00.A   | BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES                                    |
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| 06 43 00.A   | (N) WOOD FRAMED STAIR  |
| 08 33 00.A   | (N) OVERHEAD COILING DOOR WITH MOTOR AND CONTROLLER                                      |
| 10 44 00.A   | FIRE EXTINGUISHER CABINET  |
| 10 50 80.A   | TURNOUT GEAR LOCKERS   |
| 11 23 00.A   | COMMERCIAL EXTRACTOR   |
| 12 36 19.A   | BUTCHER BLOCK COUNTERTOPS  |
| 12 36 23.A   | PLASTIC LAMINATE COUNTERTOPS   |
| 14 24 00.A.1 | HYDRAULIC ELEVATOR   |
| 22 11 12.B   | TRENCH DRAIN, SEE PLUMBING DRAWINGS  |
| 22 14 16.D   | (N) RAINWATER LEADER AT EXTERIOR, SEE PLUMBING DRAWINGS                                  |
| 22 42 16.C   | DECON SERVICE SINK WITH INTEGRAL WORKTABLE. SEE PLUMBING DRAWINGS                        |
| 22 47 13.A   | HI-LO DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS   |

**WALL LEGEND**

- EXISTING WALL TO REMAIN
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- 1-HR RATED WALL
- 1/2-HR RATED WALL
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MARJANG  
ARCHITECTURE



STAMP

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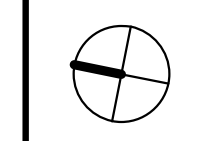
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JOB NO.

2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION

PROPOSED 1ST LEVEL FLOOR PLAN



A202



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 02 41 00.C44 (E) FLOOR AREA TO BE REMOVED FOR (N) ELEVATOR SHAFT  
 02 41 00.C45 (E) FLOOR AREA TO BE REMOVED FOR (N) STAIRWELL  
 02 41 00.C46 (E) FLOOR AREA TO BE REMOVED FOR (N) MECHANICAL SHAFT  
 02 41 00.C47 (E) FLOOR AREA TO BE REMOVED FOR (N) RAISED FLOOR AREA, SSD.  
 02 41 00.C48 (E) RAISED FLOOR AREA TO BE REMOVED  
 02 41 00.C49 (E) EXTERIOR SIDING TO BE REMOVED, (E) FRAMING TO REMAIN  
 02 41 00.C56 (E) WOOD FRAMED STAIR TO BE REMOVED

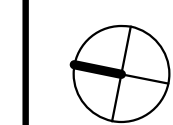
**WALL LEGEND**

	EXISTING WALL TO REMAIN
	EXISTING WALL TO BE DEMOLISHED
	PROPOSED WALL
	1-HR RATED WALL
	1/2-HR RATED WALL
	FLOOR AREA TO BE REMOVED
	1-HR RATED FLOOR ASSEMBLY

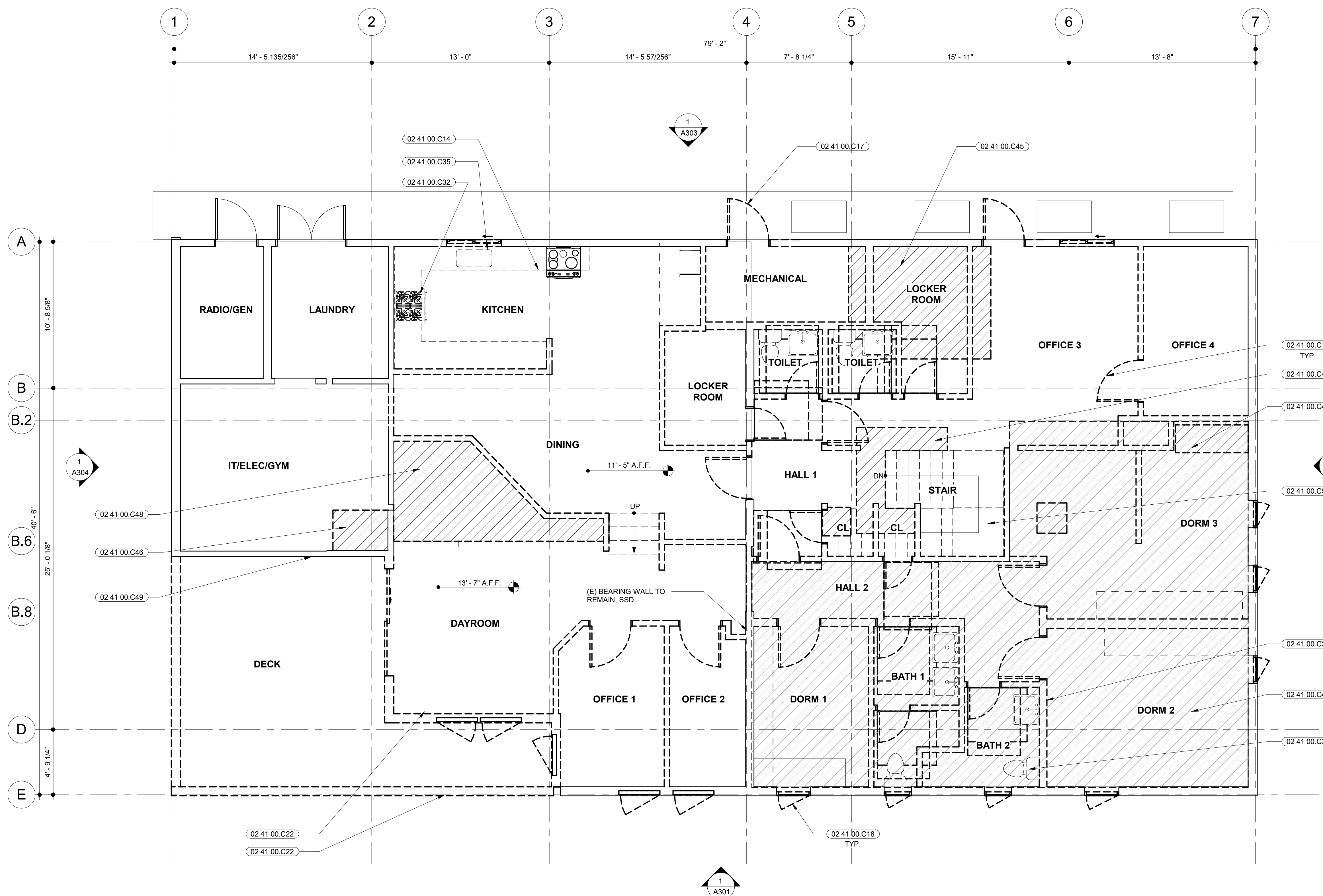
NO.	DESCRIPTION	DATE
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2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 EXISTING AND DEMOLITION 2ND LEVEL FLOOR  
 PLAN



## A203



**1 EXISTING (DEMOLITION) 2ND LEVEL PLAN**  
 SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 9:58 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF





PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064  
 ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94707  
 CONTACT: KAREN MAR  
 T: (415) 522-0600  
 STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869  
 CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
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 CONTACT: ERIC SWANSON  
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 GEOTECH: HALEY ALDRICH  
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 MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
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 CONTACT: RON BLUE  
 T: (831) 373-4390  
 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
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 CONTACT: PETER MCDONALD  
 T: (415) 255-9140  
 ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

- SHEET NOTES**
- DIMENSIONS ARE TAKEN FROM GRIDLINE TO FACE OF STUD. DIMENSIONS NOTED WITH CLR. ARE FROM FACE OF FINISH TO FACE OF FINISH.
  - FURNITURE, FIXTURES, AND EQUIPMENT SHOWN FOR REFERENCE. SEE FF&E PLAN AND SPECIFICATIONS
  - SEE RCP ON SHEET A205 AND A206
  - SEE ROOF PLAN ON SHEET A208
  - SEE WALL TYPES ON SHEET A901
  - FOR EXTERIOR WALL ASSEMBLIES/TYPES, SEE DETAIL CALLOUTS ON EXTERIOR ELEVATIONS
  - PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND WALL MOUNTED ACCESSORIES INCLUDING BATHROOM FIXTURES. SEE DETAIL 3/A902
  - PROVIDE FIRE BLOCKING FOR WALL CAVITIES THAT EXCEED CBC HEIGHT LIMITATIONS
  - ALL WALL FRAMING TO EXTEND TO BOTTOM OF FLOOR FRAMING OR ROOF FRAMING, U.O.N.

- KEYNOTES**
- 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
  - 06 43 00.A (N) WOOD FRAMED STAIR
  - 10 44 00.A FIRE EXTINGUISHER CABINET
  - 14 24 00.A1 HYDRAULIC ELEVATOR
  - 14 42 00.A ADA ACCESSIBLE WHEELCHAIR LIFT
  - 21 11 13.A FIRE SPRINKLER RISER, SEE FIRE PROTECTION DRAWINGS
  - 22 14 16.D (N) RAINWATER LEADER AT EXTERIOR, SEE PLUMBING DRAWINGS

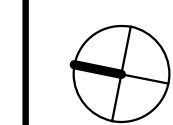
**WALL LEGEND**

	EXISTING WALL TO REMAIN
	EXISTING WALL TO BE DEMOLISHED
	PROPOSED WALL
	1-HR RATED WALL
	1/2-HR RATED WALL
	FLOOR AREA TO BE REMOVED
	1-HR RATED FLOOR ASSEMBLY

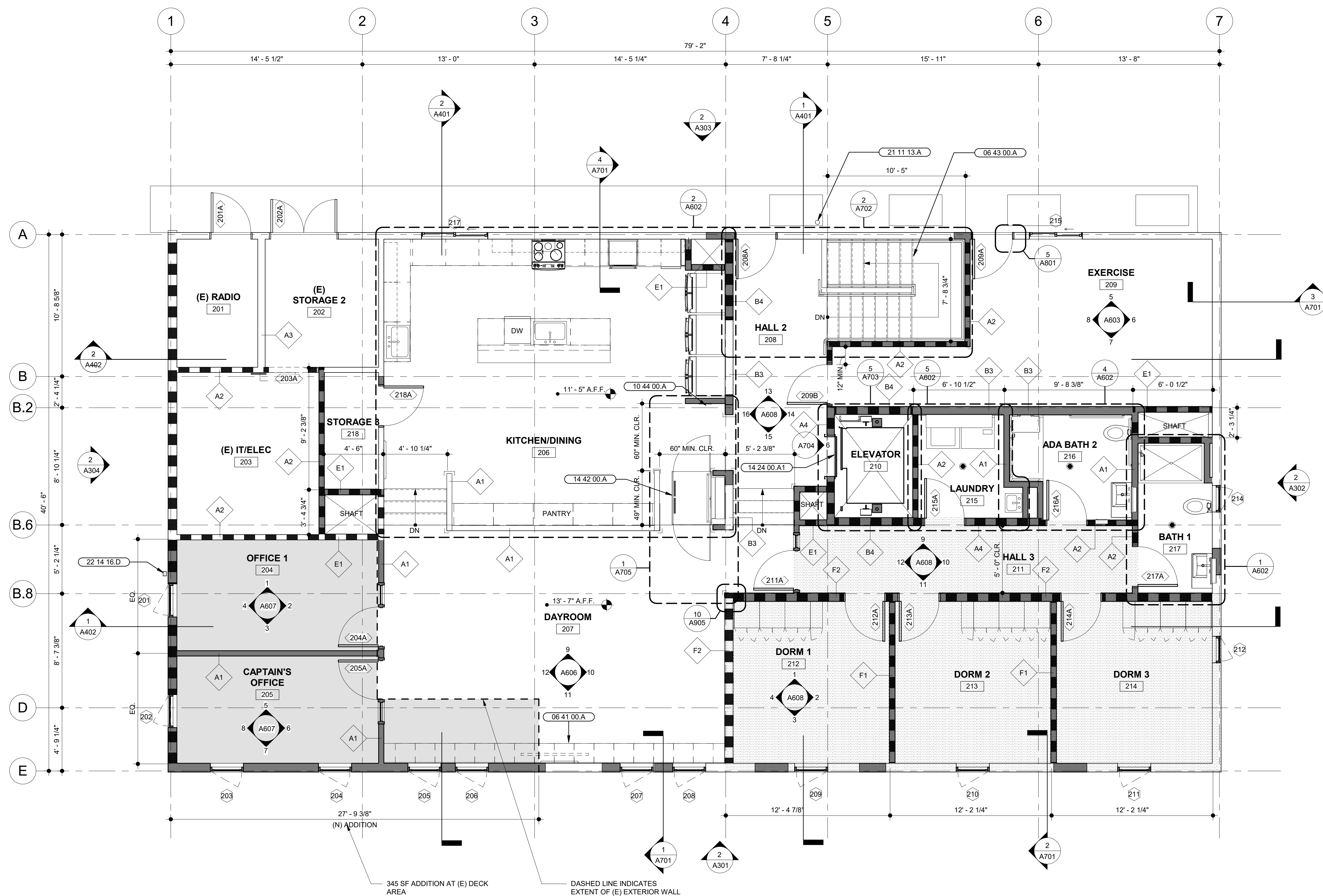
NO.	DESCRIPTION	DATE
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7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 PROPOSED 2ND LEVEL FLOOR PLAN



## A204



**1 | PROPOSED 2ND LEVEL PLAN**  
 SCALE: 1/4" = 1'-0"

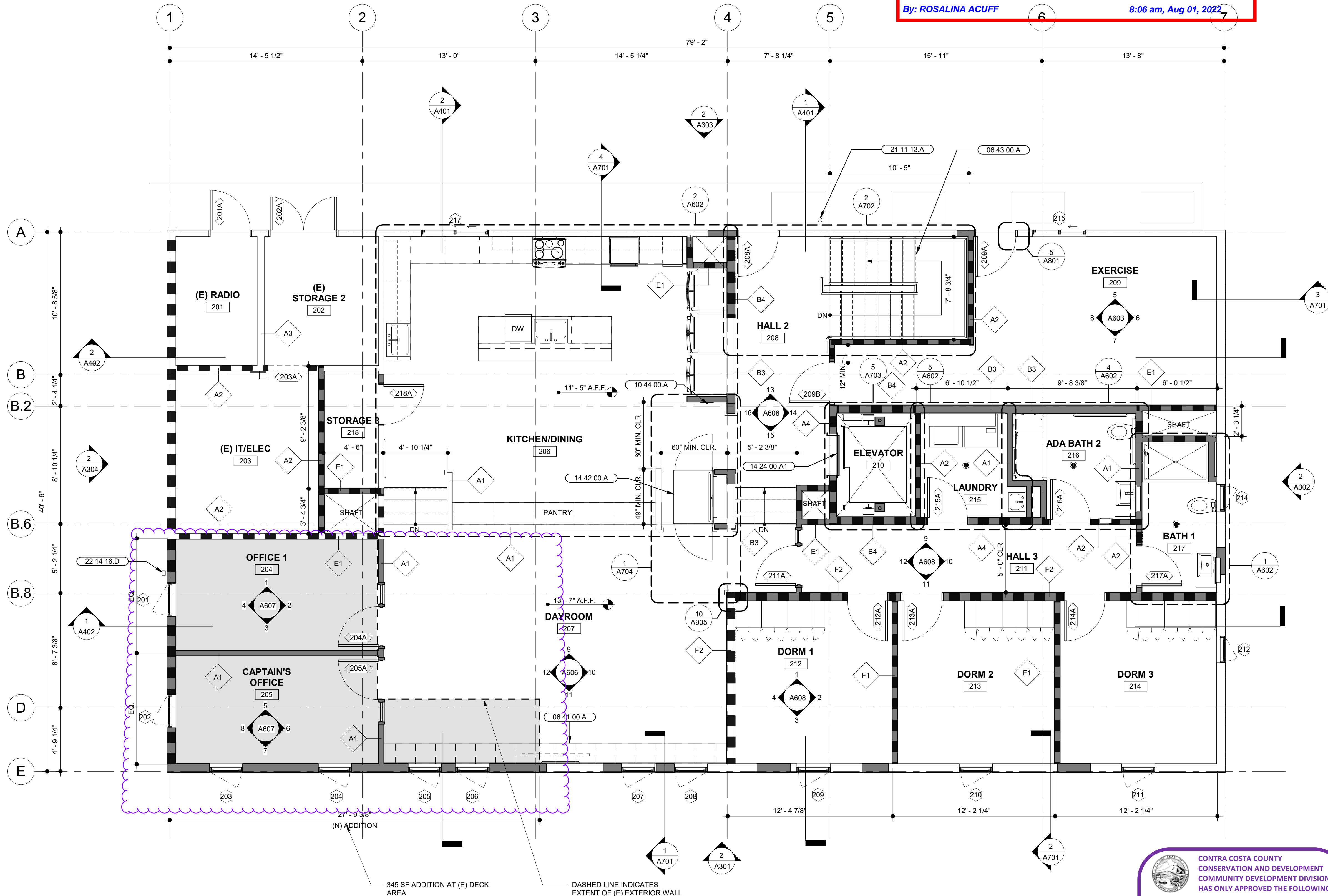
CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
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 By: ROSALINA ACUFF

# SUPERCEDED

KEEP SHEET FOR APPROVED/REVIEWED STAMPS

By: ROSALINA ACUFF

8:06 am, Aug 01, 2022



**1** PROPOSED 2ND LEVEL PLAN  
SCALE: 1/4" = 1'-0"

### SHEET NOTES

- DIMENSIONS ARE TAKEN FROM GRIDLINE TO FACE OF STUD. DIMENSIONS NOTED WITH CLR. ARE FROM FACE OF FINISH TO FACE OF FINISH.
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- SEE RCP ON SHEET A205 AND A206
- SEE ROOF PLAN ON SHEET A208
- SEE WALL TYPES ON SHEET A208
- FOR EXTERIOR WALL ASSEMBLIES/TYPES, SEE DETAIL CALLOUTS ON EXTERIOR ELEVATIONS
- PROVIDE ADEQUATE BLOCKING IN WALLS FOR CABINETS AND WALL MOUNTED ACCESSORIES INCLUDING BATHROOM FIXTURES. SEE DETAIL 3/A902
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- ALL WALL FRAMING TO EXTEND TO BOTTOM OF FLOOR FRAMING OR ROOF FRAMING, U.O.N.

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- 22 14 16.D (N) RAINWATER LEADER AT EXTERIOR, SEE PLUMBING DRAWINGS

### WALL LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED



CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:  
**345 SQ FT ENCLOSE OF 2ND STORY  
DECK CDVR21-01040**

ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO  
THIS PLAN MUST BE REVIEWED AND APPROVED BY  
CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT  
BEFORE MODIFICATION.  
PLANNING APPROVED BY:  
Department of Conservation and Development

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER:  
**BICA22-004407**  
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By: ROSALINA ACUFF

# MARJANG ARCHITECTURE



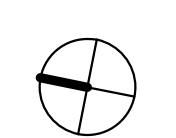
PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064  
ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600  
STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
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CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
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MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
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CONTACT: RON BLUE  
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AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
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850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
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NO.	DESCRIPTION	DATE
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4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
PROPOSED 2ND LEVEL FLOOR PLAN



# A204

STAMP



PROJECT ADDRESS  
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 KENSINGTON, CA 94707**

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 217 ARLINGTON AVE  
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**SHEET NOTES**

- SEE LIGHTING DRAWINGS FOR COMPLETE PLANS AND LIGHT FIXTURE SCHEDULE
- SEE MECHANICAL DRAWINGS FOR HVAC EQUIPMENT AND DUCT SIZES
- COORDINATE ALL AUDIO/VISUAL DEVICE LOCATIONS WITH OWNER PRIOR TO INSTALLATION
- COORDINATE ALL SPRINKLER HEAD LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION
- LIGHTS AND CEILING COMPONENTS THAT APPEAR TO BE ALIGNED ARE TO BE ALIGNED, U.O.N. LIGHTS AND CEILING COMPONENTS THAT APPEAR TO BE CENTERED ON A WALL OR GRID LINE ARE TO BE CENTERED ON A GRID LINE OR WALL, U.O.N.
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- ALL CEILING ELEVATIONS ARE FROM ABOVE FINISH FLOOR.
- NOT ALL CEILING ACCESS PANELS ARE SHOWN ON THIS CEILING PLAN. PROVIDE ADDITIONAL ACCESS PANELS AS REQUIRED TO ACCESS PLUMBING, MECHANICAL AND ELECTRICAL. SEE MEP DRAWINGS AND CONFIRM LOCATION WITH ARCHITECT.

**KEYNOTES**

- 02 41 00.E8 PAINT (E) CEMENT BOARD SOFFIT
- 11 11 11.A (E) VEHICLE EXHAUST EXTRACTION SYSTEM, REPAIR AS REQUIRED, SEE MECHANICAL DRAWINGS
- 23 31 00.A HVAC DUCTS AND CASINGS, SEE MECHANICAL DRAWINGS

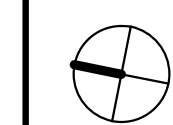
**REFLECTED CEILING LEGEND**

- SCG1 - 2 X 2 ACOUSTICAL CEILING TILE WITH CONCEALED EDGES AND SUPPORT BARS. SEE SPECIFICATION FOR PANEL TYPE
- GB1 - GYP.BD. CEILING, PTD.
- SUPPLY GRILLE, SMD.
- RETURN GRILLE, SMD.
- EXHAUST GRILLE, SMD.
- CEILING FAN COIL UNIT, SMD.
- WALL MOUNTED HVAC UNIT, SMD
- MECHANICAL ACCESS PANEL, GLASS FIBER REINFORCED GYPSUM (GFRG) RADIUS CORNER SEAMLESS/CONCEALED ACCESS HATCH. COORDINATE WITH EQUIPMENT LOCATIONS.
- RECESSED LIGHT FIXTURE, SED
- SURFACE MOUNTED FIXTURES, SED
- 2X2 LIGHT FIXTURE, SED
- LINEAR LIGHT FIXTURE, SED
- PENDANT LIGHT FIXTURES, SED
- INFRARED HEATER, SMD

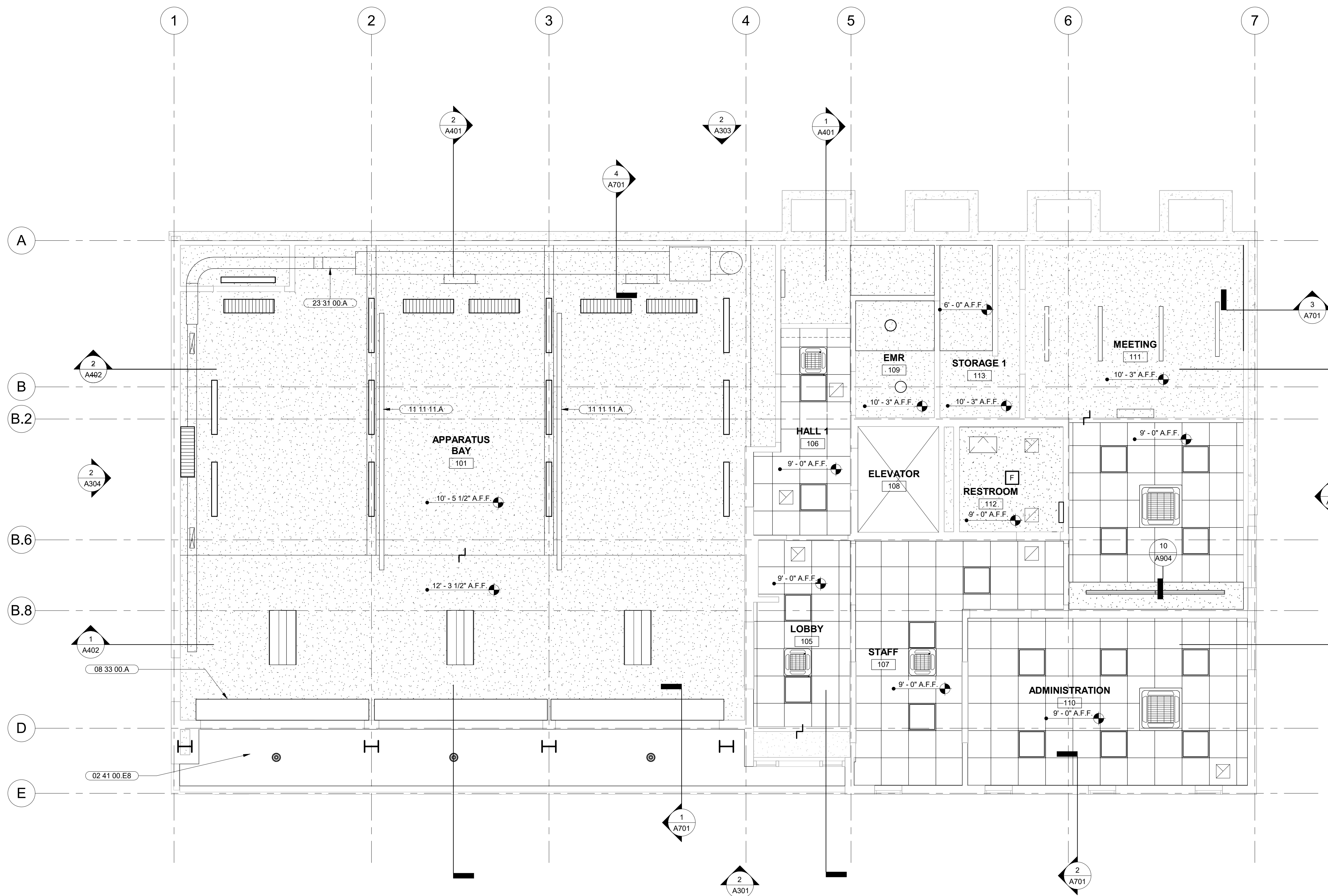
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8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 PROPOSED 1ST LEVEL REFLECTED CEILING  
 PLAN



# A205



**1** PROPOSED 1ST LEVEL REFLECTED CEILING PLAN  
 SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
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 By: ROSALINA ACUFF

STAMP



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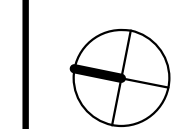
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JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 PROPOSED 2ND LEVEL FLOOR REFLECTED  
 CEILING PLAN



## A206

**SHEET NOTES**

- SEE LIGHTING DRAWINGS FOR COMPLETE PLANS AND LIGHT FIXTURE SCHEDULE
- SEE MECHANICAL DRAWINGS FOR HVAC EQUIPMENT AND DUCT SIZES
- COORDINATE ALL AUDIO/VISUAL DEVICE LOCATIONS WITH OWNER PRIOR TO INSTALLATION
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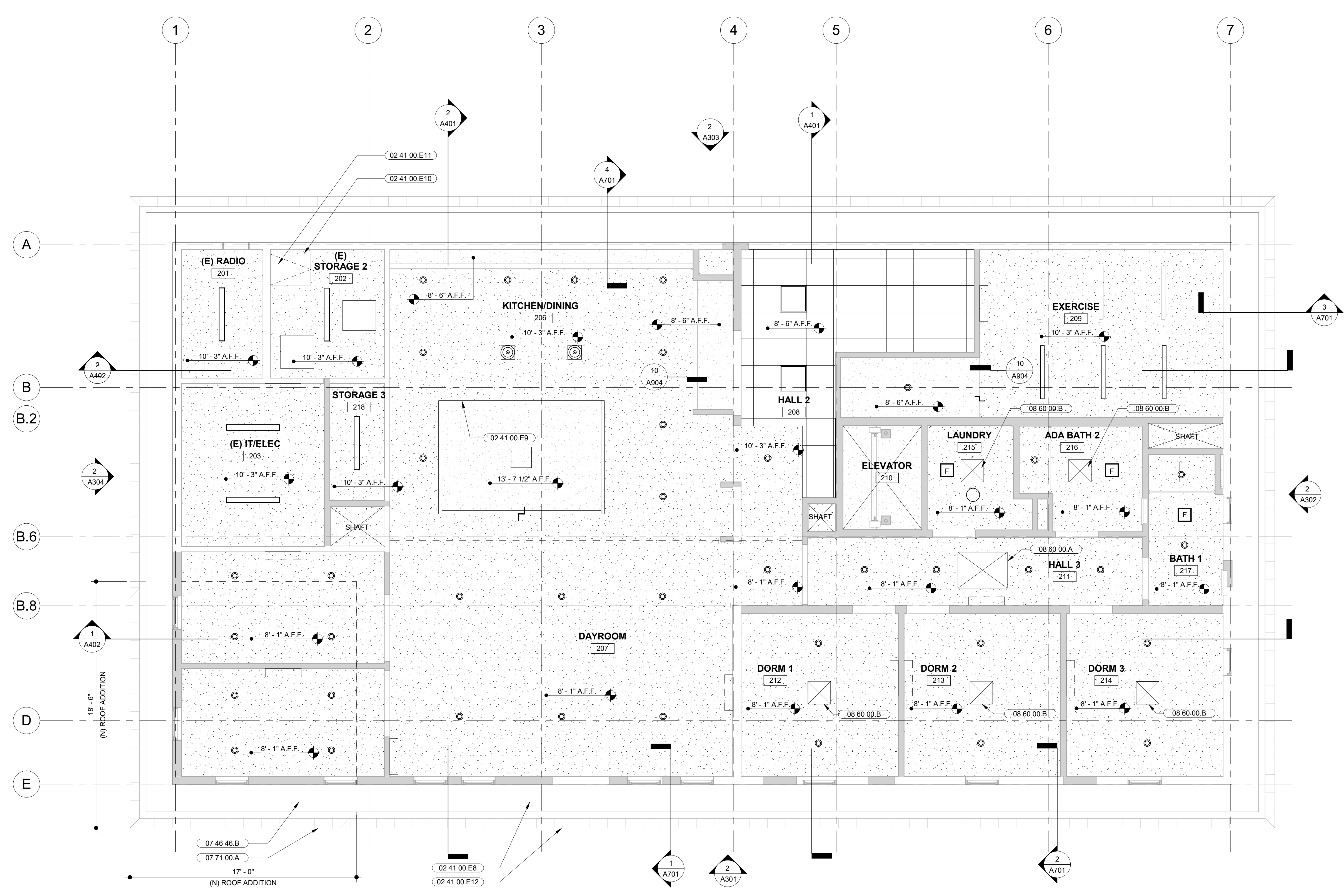
**KEYNOTES**

- 02 41 00.E8 PAINT (E) CEMENT BOARD SOFFIT
- 02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR
- 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR
- 02 41 00.E11 (E) WALL MOUNTED LADDER FOR ROOF ACCESS TO REMAIN
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN
- 07 46 46.B PAINTED FIBER CEMENT BOARD SOFFIT PANELS
- 07 71 00.A METAL FASCIA TO MATCH (E)
- 08 60 00.A CURB MOUNTED FIXED SKYLIGHT
- 08 60 00.B CURB MOUNTED MOTOR OPERATED SKYLIGHT

**REFLECTED CEILING LEGEND**

- SCG1 - 2 X 2 ACOUSTICAL CEILING TILE WITH CONCEALED EDGES AND SUPPORT BARS. SEE SPECIFICATION FOR PANEL TYPE
- GB1 - GYP.BD. CEILING, PTD.
- SUPPLY GRILLE, SMD.
- RETURN GRILLE, SMD.
- EXHAUST GRILLE, SMD.
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- RECESSED LIGHT FIXTURE, SED
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- INFRARED HEATER, SMD

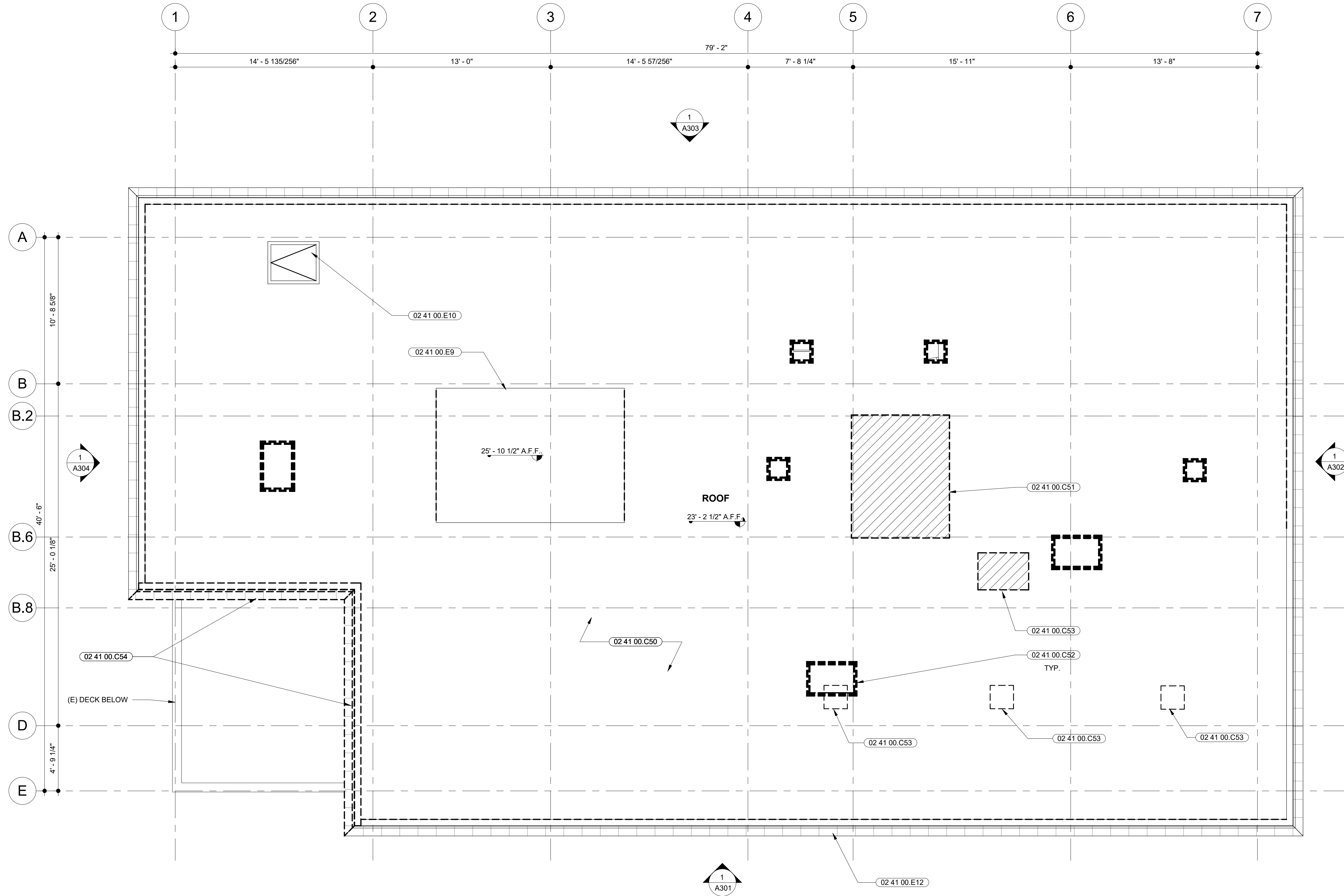
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 By: ROSALINA ACUFF



**1 | PROPOSED 2ND LEVEL REFLECTED CEILING PLAN**  
 SCALE: 1/4" = 1'-0"

C:\Users\robert\Documents\Kensington Public Safety Building\_Central\_robert\BICYZ.rvt

7/22/2022 11:26:54 AM



**1** EXISTING (DEMOLITION) ROOF LEVEL PLAN  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

1. ALL (E) MECHANICAL EQUIPMENT, DUCTS AND MOUNTS TO BE REMOVED.
2. ALL (E) RADIO EQUIPMENT TO BE SALVAGED. CONFIRM WITH KENSINGTON FIRE AND POLICE DEPARTMENTS FOR STORAGE OR RELOCATION.
3. SEE STRUCTURAL DRAWINGS FOR EXTENT OF (E) ROOF FRAMING TO REMAIN.

**KEYNOTES**

- 02 41 00.C50 (E) ROOF COVERING TO BE REMOVED
- 02 41 00.C51 (E) ROOF FRAMING TO BE REMOVED FOR (N) ELEVATOR OVERHEAD
- 02 41 00.C52 (E) SKYLIGHTS TO BE REMOVED
- 02 41 00.C53 (E) ROOF FRAMING TO BE REMOVED FOR (N) SKYLIGHT
- 02 41 00.C54 (E) METAL FASCIA TO BE REMOVED
- 02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR
- 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN

**WALL LEGEND**

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED
- 1-HR RATED FLOOR ASSEMBLY

**MARJANG ARCHITECTURE**



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064  
ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600  
STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869  
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200  
GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544  
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390  
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140  
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
EXISTING ROOF PLAN

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BICA22-004407**  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
10:09 am, Aug 05, 2022  
**REVIEWED**  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
By: ROSALINA ACUFF

**A207**

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7/22/2022 11:29:55 AM

# SUPERCEDED

KEEP SHEET FOR APPROVED/REVIEWED STAMPS

By: ROSALINA ACUFF

8:07 am, Aug 01, 2022

### SHEET NOTES

- ALL (E) MECHANICAL EQUIPMENT, DUCTS AND MOUNTS TO BE REMOVED.
- ALL (E) RADIO EQUIPMENT TO BE SALVAGED. CONFIRM WITH KENSINGTON FIRE AND POLICE DEPARTMENTS FOR STORAGE OR RELOCATION.
- SEE STRUCTURAL DRAWINGS FOR EXTENT OF (E) ROOF FRAMING TO REMAIN.



CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:

INTERIOR REMODEL OF EXISTING FIRE  
STATION CDVR21-01040

ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO  
THIS PLAN MUST BE REVIEWED AND APPROVED BY  
CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT  
BEFORE MODIFICATION.

PLANNING APPROVED BY:

Department of Conservation and Development

### KEYNOTES

- 02 41 00.C50 (E) ROOF COVERING TO BE REMOVED
- 02 41 00.C51 (E) ROOF FRAMING TO BE REMOVED FOR (N) ELEVATOR OVERHEAD
- 02 41 00.C52 (E) SKYLIGHTS TO BE REMOVED
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- 02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR
- 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR
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### WALL LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED

# MARJANG ARCHITECTURE

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
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ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
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GEOTECH: HALEY ALDRICH  
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OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
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MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
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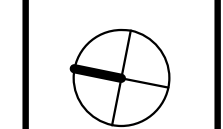
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE. #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

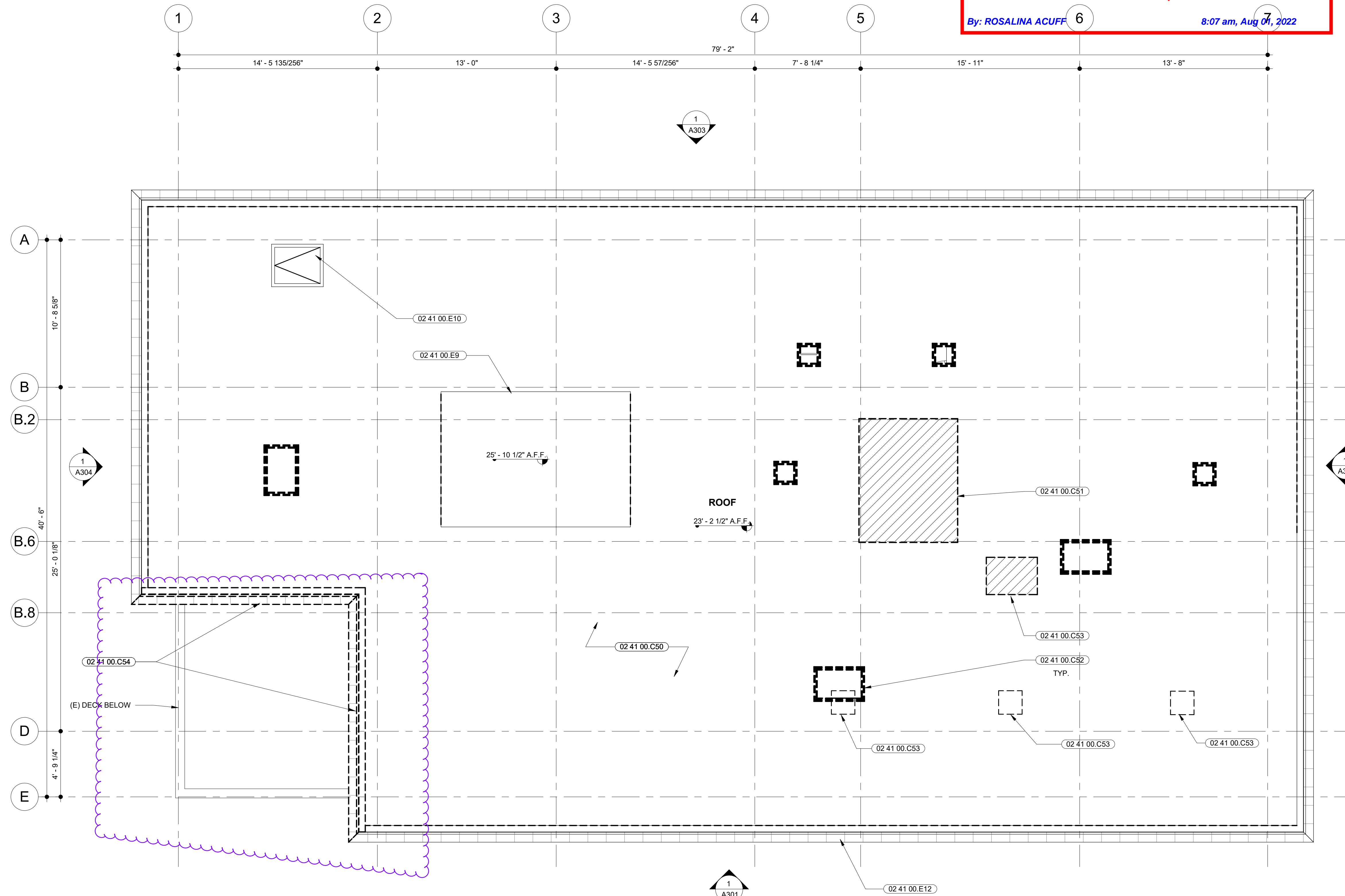
NO.	DESCRIPTION	DATE
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3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
EXISTING ROOF PLAN



# A207



**1** EXISTING (DEMOLITION) ROOF LEVEL PLAN  
SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BICA22-004407  
10:09 am, Aug 05, 2022  
REVIEWED  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING  
OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN  
APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE  
LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE  
BUILDING OFFICIAL.  
By: ROSALINA ACUFF



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
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### SHEET NOTES

- SEE STRUCTURAL FOR TOP OF FRAMING, TOP OF ROOFING AND TOP OF FRAMING VARY.
- ALL PENETRATIONS THROUGH ROOF SHALL BE FLASHED AND SEALED WATERTIGHT. SEE MEP DRAWINGS FOR ADDITIONAL PENETRATIONS.
- ANTENNA TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR (OFCI). SEE LOW VOLTAGE DRAWINGS.
- MIN. ROOFING INSULATION THICKNESS PER TITLE-24 CALCULATIONS.
- TAPER ROOF SLOPES PER PLAN, MINIMUM 1/4" PER FOOT SLOPE.
- PROVIDE WALK PADS FROM ROOF HATCH THROUGH ALL MAIN AISLES FROM ROOF HATCH TO ROOF TOP EQUIPMENT.
- PROVIDE ROOF CRICKETS AT SKYLIGHTS AND ROOF POP UPS AS REQUIRED FOR DRAINAGE. 1/4" PER FOOT SLOPE MINIMUM.
- SEE MECHANICAL DRAWINGS FOR HVAC DUCTING AT ROOF.

### KEYNOTES

- 02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR
- 02 41 00.E10 (E) ROOF HATCH ACCESS DOOR
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN
- 07 54 00.A CLASS A THERMOPLASTIC MEMBRANE ROOFING
- 07 71 00.A METAL FASCIA TO MATCH (E)
- 08 60 00.B CURB MOUNTED MOTOR OPERATED SKYLIGHT
- 14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD
- 22 14 16.A (N) ROOF DRAIN AT EXISTING LOCATION. REUSE (E) STORMWATER PIPING INSIDE BUILDING AND RECONNECT TO THE (E) SYSTEM AT LOCATIONS DOWNSTREAM OF (E) CONNECTION POINTS. RE-ROUTE (E) PIPING TO AVOID SHEAR WALLS. CONTRACTOR TO VERIFY (E) LOCATIONS IN FIELD. SEE PLUMBING DRAWINGS
- 22 14 16.B (N) ROOF DRAIN AND OVERFLOW DRAIN. SEE PLUMBING DRAWINGS
- 22 14 16.C (N) ROOF SCUPPER AT (E) LOCATION. SEE PLUMBING DRAWINGS
- 23 31 00.A HVAC DUCTS AND CASINGS. SEE MECHANICAL DRAWINGS
- 23 72 00.A CURB MOUNTED AIR HANDLING UNIT. SEE MECHANICAL DRAWINGS

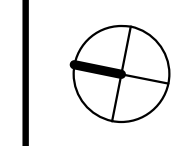
### WALL LEGEND

- EXISTING WALL TO REMAIN
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- 1-HR RATED WALL
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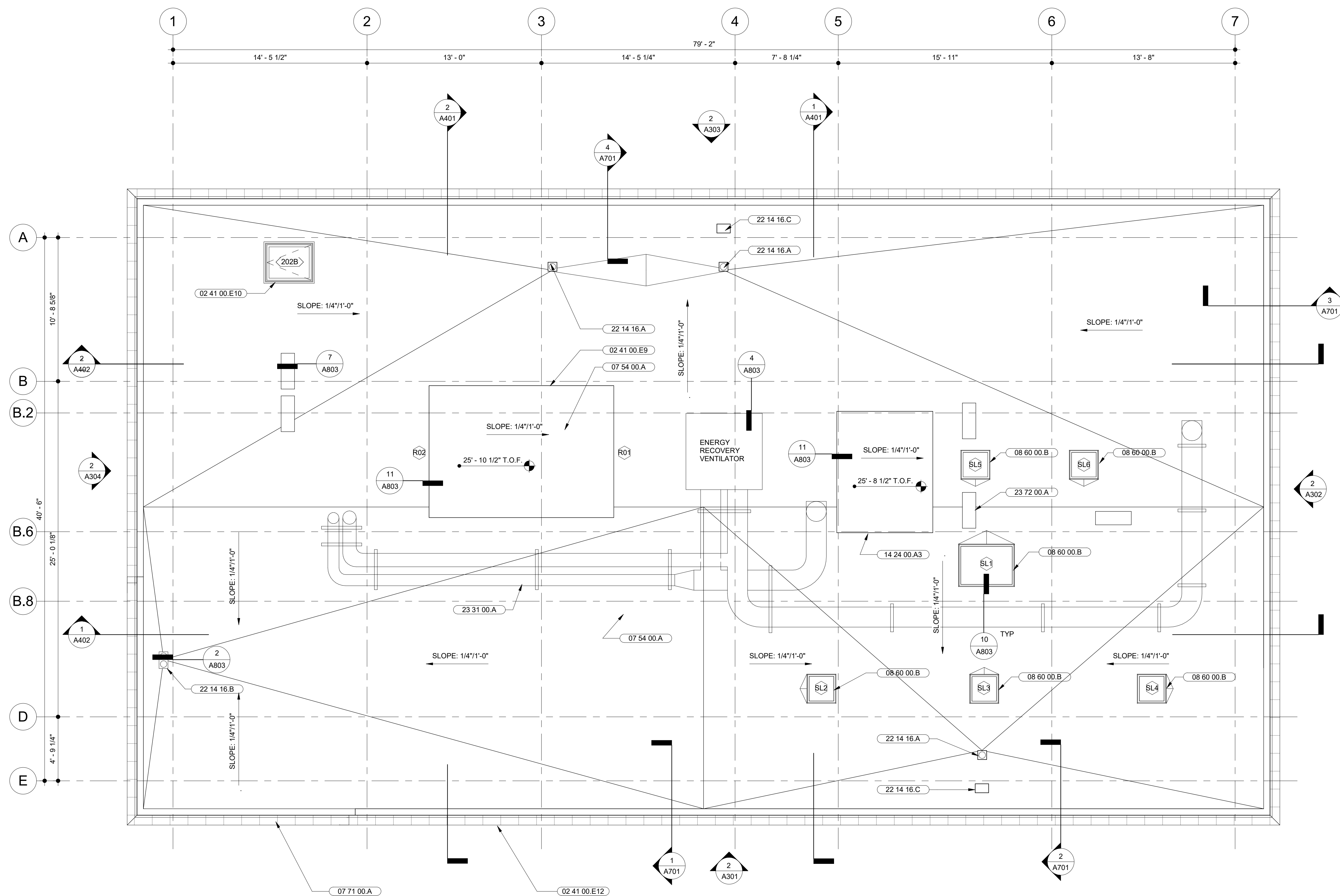
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7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO. 2106  
 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 PROPOSED ROOF PLAN



# A208



**1** PROPOSED ROOF LEVEL PLAN  
 SCALE: 1/4" = 1'-0"

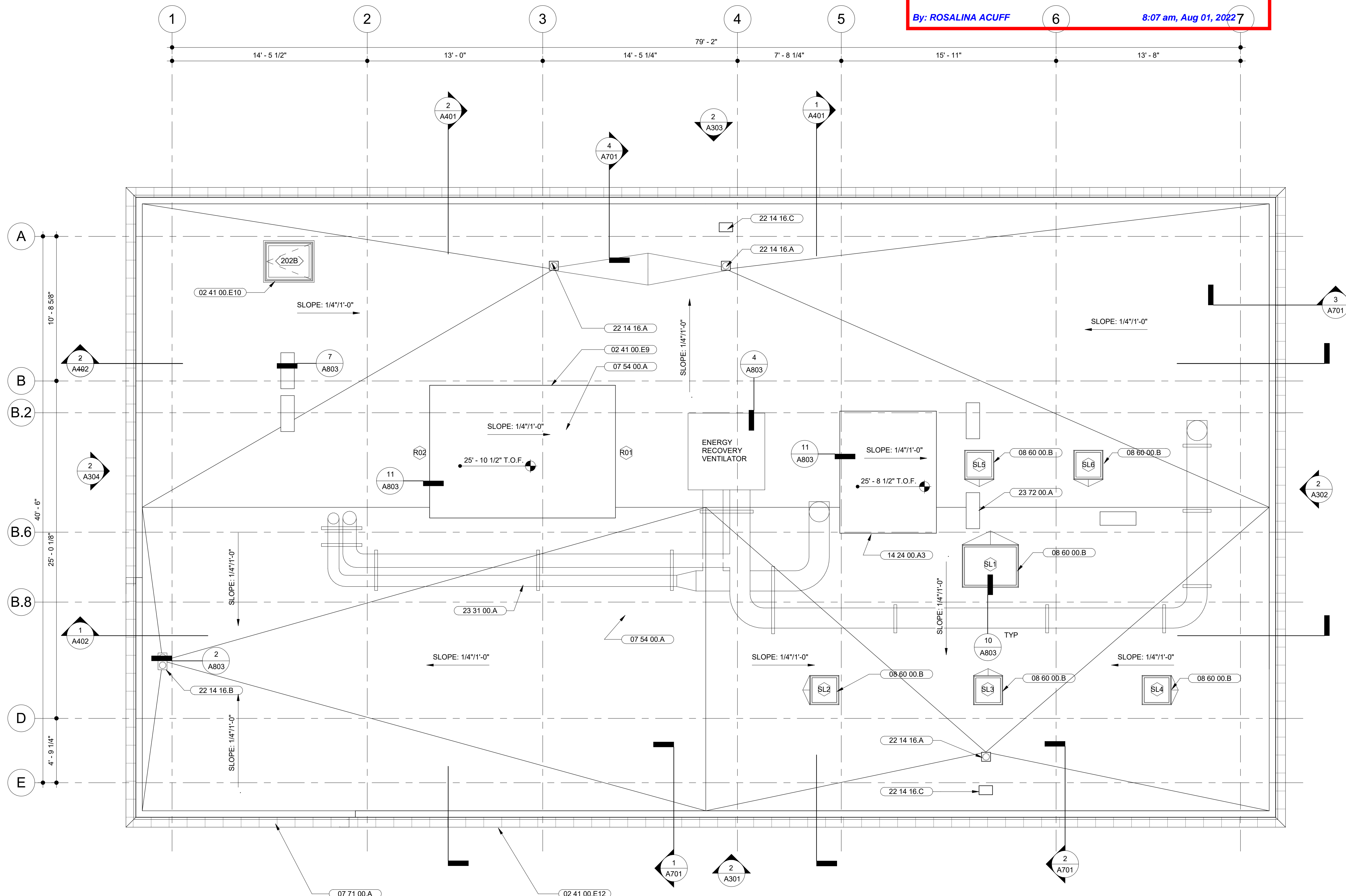
CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:09 am, Aug 05, 2022  
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 By: ROSALINA ACUFF

# SUPERCEDED

KEEP SHEET FOR APPROVED/REVIEWED STAMPS

By: ROSALINA ACUFF

8:07 am, Aug 01, 2022



1 PROPOSED ROOF LEVEL PLAN  
SCALE: 1/4" = 1'-0"

### SHEET NOTES

- SEE STRUCTURAL FOR TOP OF FRAMING, TOP OF ROOFING AND TOP OF FRAMING VARY.
- ALL PENETRATIONS THROUGH ROOF SHALL BE FLASHED AND SEALED WATERTIGHT. SEE MEP DRAWINGS FOR ADDITIONAL PENETRATIONS.
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- SEE MECHANICAL DRAWINGS FOR HVAC DUCTING AT ROOF.

### KEYNOTES

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### WALL LEGEND

- EXISTING WALL TO REMAIN
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- PROPOSED WALL
- 1-HR RATED WALL
- 1/2-HR RATED WALL
- FLOOR AREA TO BE REMOVED

CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:

**INTERIOR REMODEL OF EXISTING FIRE STATION CDVR21-01040**

ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO THIS PLAN MUST BE REVIEWED AND APPROVED BY CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT BEFORE MODIFICATION.

PLANNING APPROVED BY:  
Department of Conservation and Development

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BIC-A22-004407**

THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.

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By: ROSALINA ACUFF

# MARJANG ARCHITECTURE



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
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ARCHITECT: MARJANG ARCHITECTURE  
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SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
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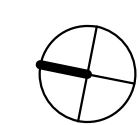
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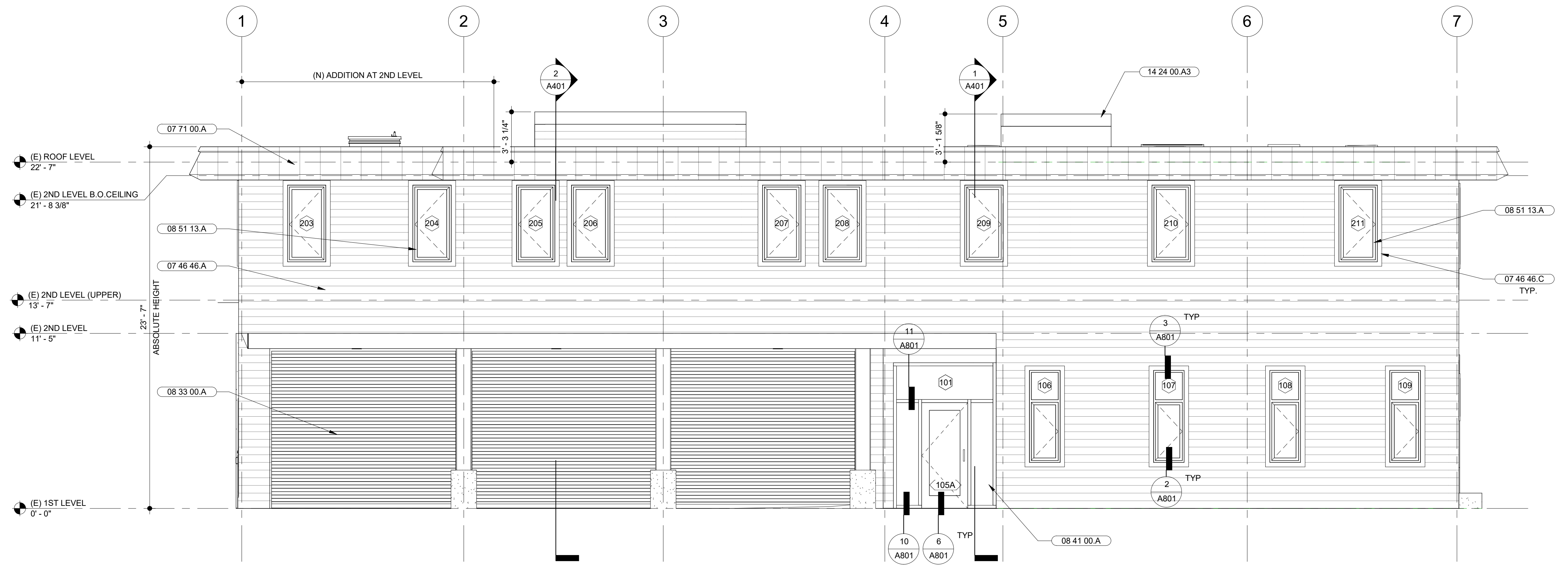
JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
PROPOSED ROOF PLAN

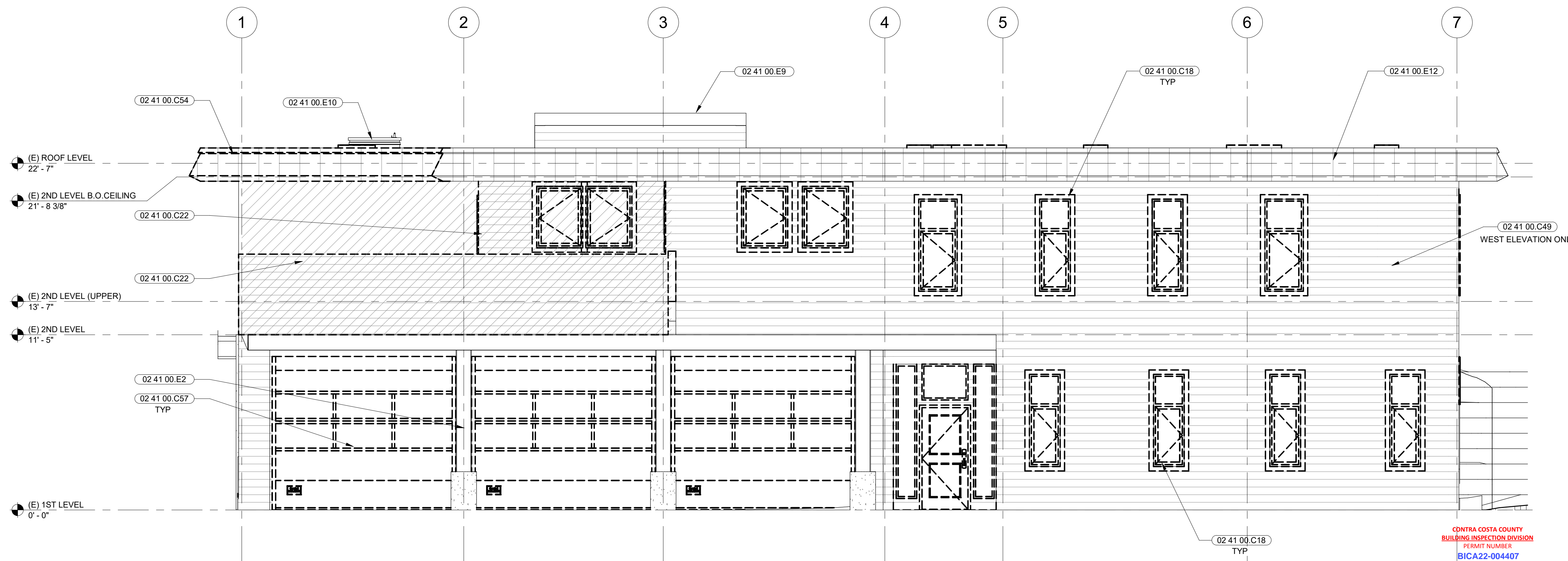


# A208





**2** PROPOSED WEST ELEVATION  
SCALE: 1/4" = 1'-0"



**1** EXISTING (DEMOLITION) WEST ELEVATION  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
- FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

**KEYNOTES**

02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.

02 41 00.C22 (E) WALLS TO BE REMOVED

02 41 00.C49 (E) EXTERIOR SIDING TO BE REMOVED, (E) FRAMING TO REMAIN

02 41 00.C54 (E) METAL FASCIA TO BE REMOVED

02 41 00.C57 (E) OVERHEAD SECTION DOORS TO BE REMOVED

02 41 00.E2 (E) MOMENT FRAME AND CONCRETE PIERS TO REMAIN

02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR

02 41 00.E10 (E) ROOF HATCH ACCESS DOOR

02 41 00.E12 (E) METAL FASCIA TO REMAIN

07 46 46.A PAINTED FIBER CEMENT BOARD HORIZONTAL SIDING

07 46 46.C PAINTED FIBER CEMENT TRIM BOARD

07 71 00.A METAL FASCIA TO MATCH (E)

08 33 00.A (N) OVERHEAD COILING DOOR WITH MOTOR AND CONTROLLER

08 41 00.A (N) ALUMINUM STOREFRONT WINDOW SYSTEM

08 51 13.A ALUMINUM CASEMENT WINDOW

14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD

**LEGEND**

- PAINTED HORIZONTAL CEMENT BOARD SIDING
- PAINTED SHINGLE CEMENT BOARD SIDING
- METAL ROOF FASCIA
- AREA OF SELECTIVE DEMOLITION

**CDNRA COSTA COUNTY BUILDING INSPECTION DIVISION**  
PERMIT NUMBER: BICA22-004407  
10:09 am, Aug 05, 2022  
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By: ROSALINA ACUFF

**MARJANG ARCHITECTURE**

STAMP

**PROJECT ADDRESS**  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

**PROJECT TEAM**

**CLIENT:** KENSINGTON FIRE PROTECTION DISTRICT  
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WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

**GEOTECH:** HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

**MEP:** LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

**AUDIO/VISUAL:** SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

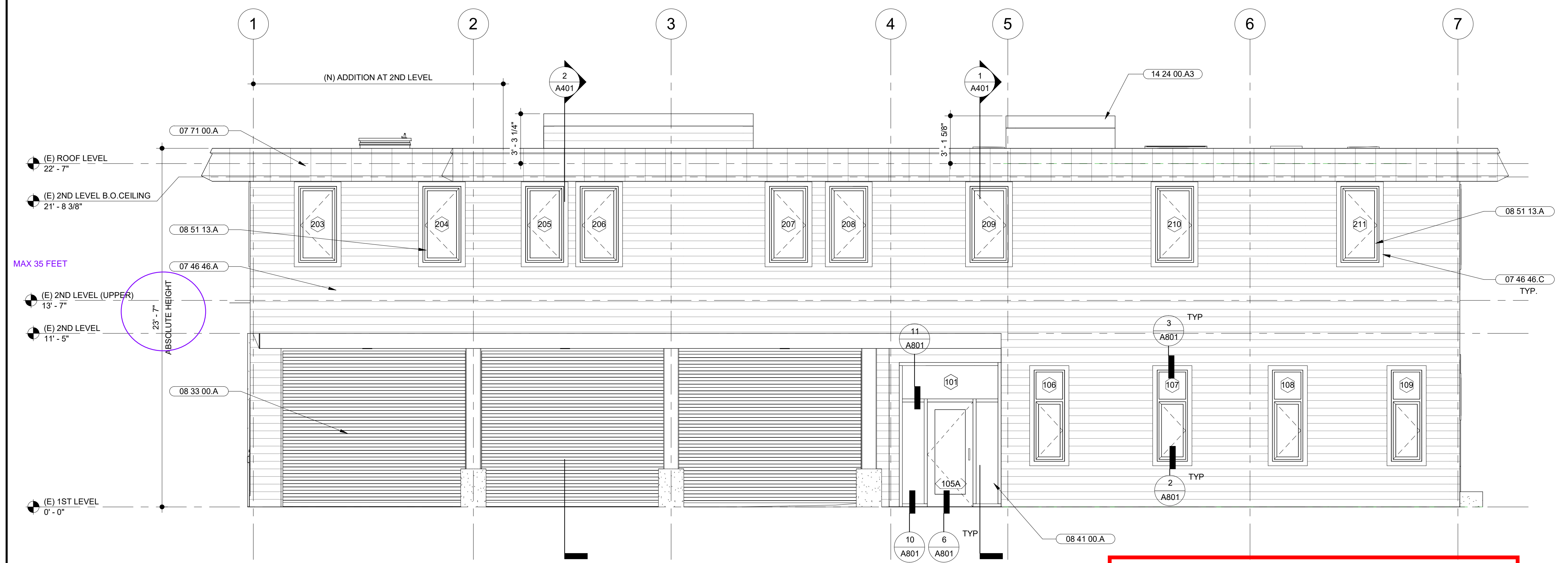
**ESTIMATOR:** MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

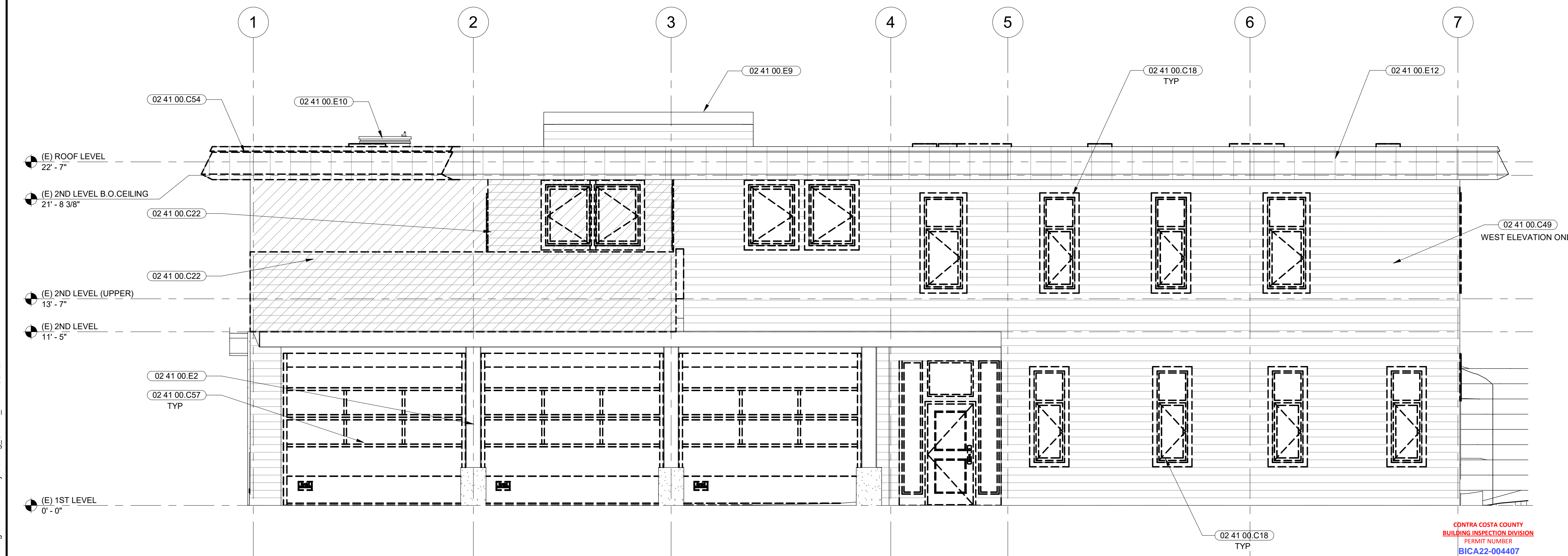
DESCRIPTION: EXTERIOR ELEVATIONS - WEST

**A301**



**2 | PROPOSED WEST ELEVATION**  
SCALE: 1/4" = 1'-0"

**SUPERCEDED**  
KEEP SHEET FOR APPROVED/REVIEWED STAMPS  
By: ROSALINA ACUFF 8:08 am, Aug 01, 2022



**1 | EXISTING (DEMOLITION) WEST ELEVATION**  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
- FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:

**INTERIOR REMODEL OF EXISTING FIRE  
STATION CDVR21-01040**

ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO  
THIS PLAN MUST BE REVIEWED AND APPROVED BY  
CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT  
BEFORE MODIFICATION.  
PLANNING APPROVED BY:  
Department of Conservation and Development

**KEYNOTES**

02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.

02 41 00.C22 (E) WALLS TO BE REMOVED

02 41 00.C49 (E) EXTERIOR SIDING TO BE REMOVED, (E) FRAMING TO REMAIN

02 41 00.C54 (E) METAL FASCIA TO BE REMOVED

02 41 00.C57 (E) OVERHEAD SECTION DOORS TO BE REMOVED

02 41 00.E2 (E) MOMENT FRAME AND CONCRETE PIERS TO REMAIN

02 41 00.E9 (E) CLEARSTORY LIGHT MONITOR

02 41 00.E10 (E) ROOF HATCH ACCESS DOOR

02 41 00.E12 (E) METAL FASCIA TO REMAIN

07 46 46.A PAINTED FIBER CEMENT BOARD HORIZONTAL SIDING

07 46 46.C PAINTED FIBER CEMENT TRIM BOARD

07 71 00.A METAL FASCIA TO MATCH (E)

08 33 00.A (N) OVERHEAD COILING DOOR WITH MOTOR AND CONTROLLER

08 41 00.A (N) ALUMINUM STOREFRONT WINDOW SYSTEM

08 51 13.A ALUMINUM CASEMENT WINDOW

14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD

**LEGEND**

- PAINTED HORIZONTAL CEMENT BOARD SIDING
- PAINTED SHINGLE CEMENT BOARD SIDING
- METAL ROOF FASCIA
- AREA OF SELECTIVE DEMOLITION

**CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BICA22-004407**

10:09 am, Aug 05, 2022

**REVIEWED**

FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.

By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
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3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
EXTERIOR ELEVATIONS - WEST

**MARJANG  
ARCHITECTURE**



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

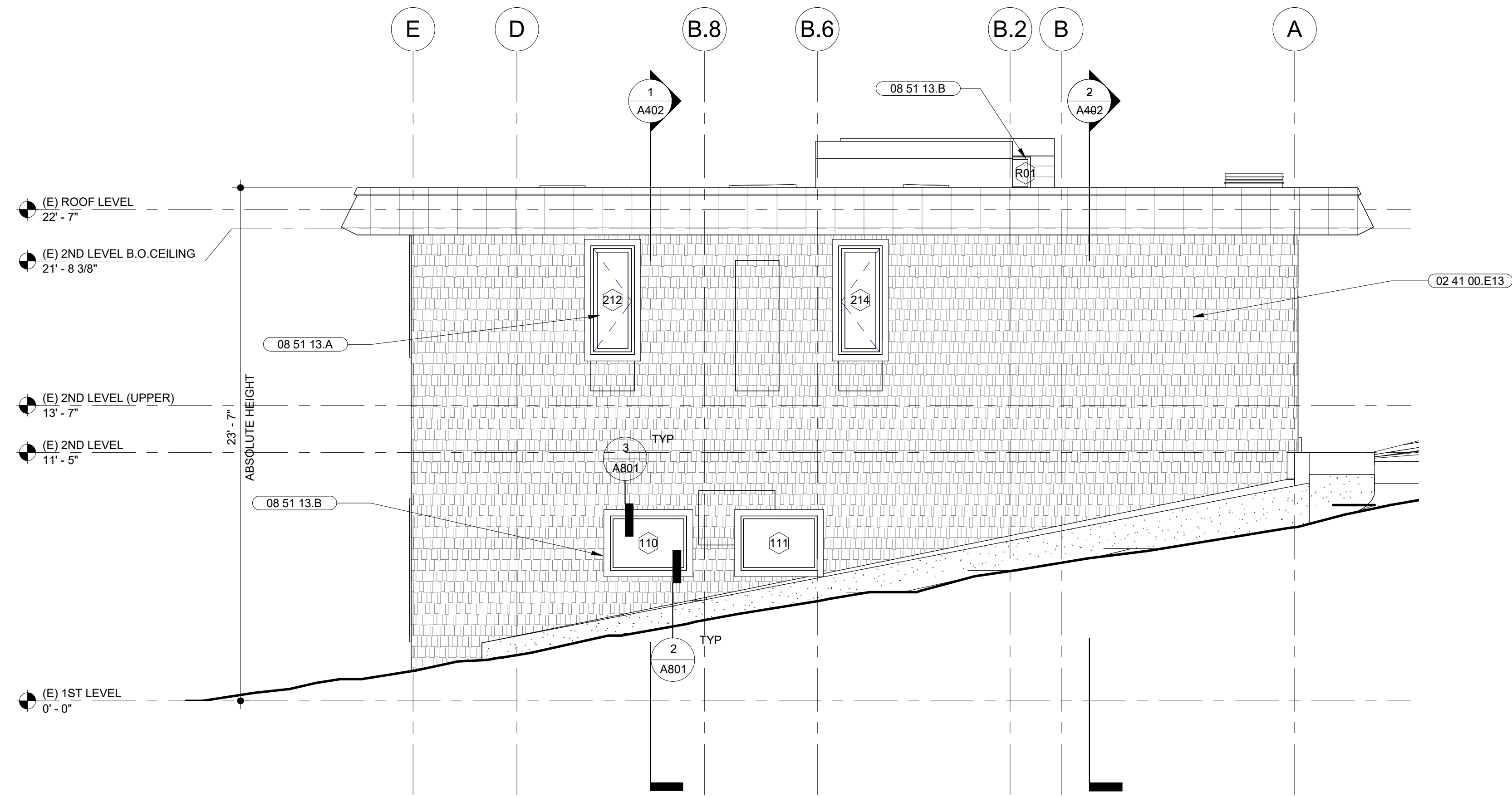
GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

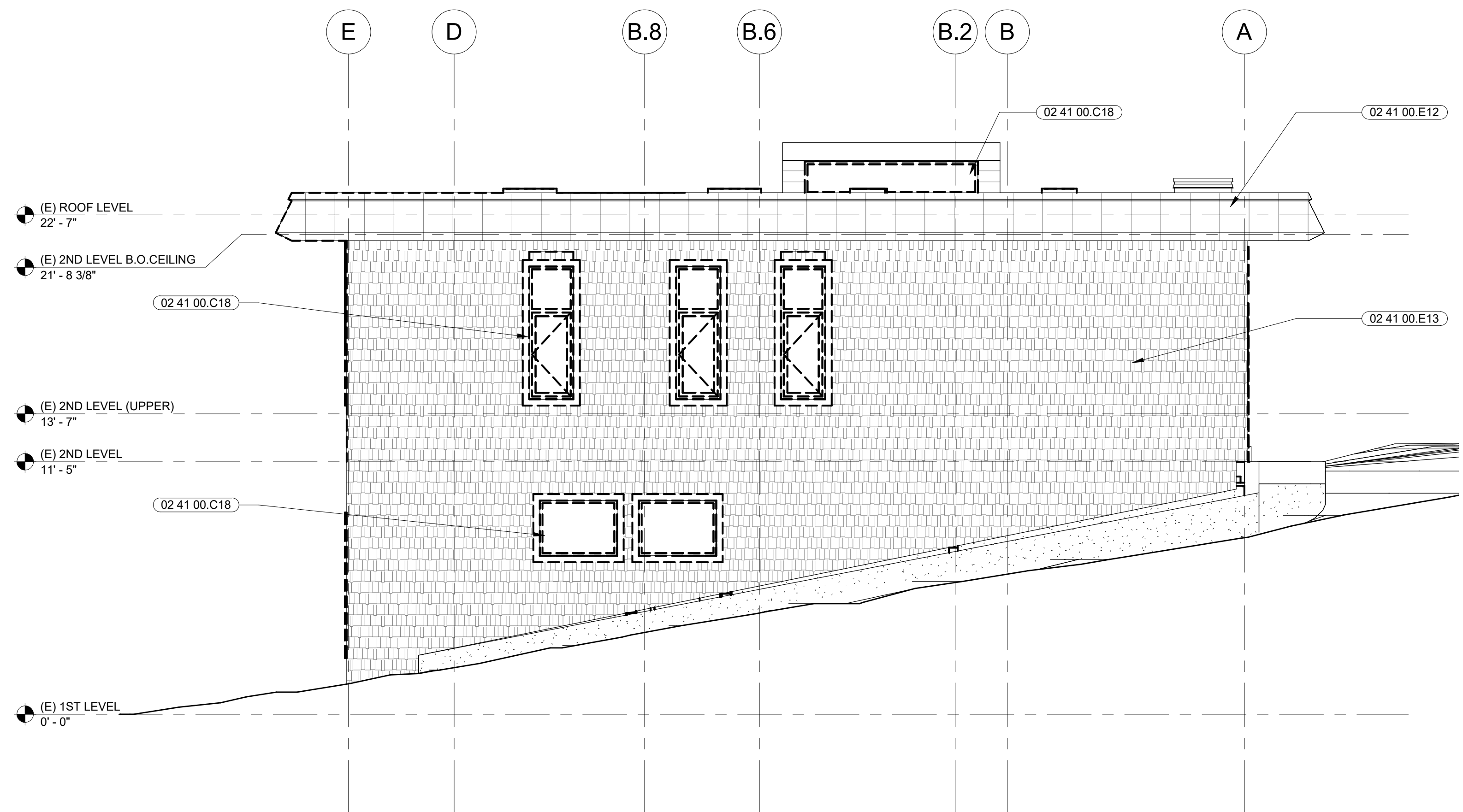
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
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ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

**A301**



**2** PROPOSED SOUTH ELEVATION  
SCALE: 1/4" = 1'-0"



**1** EXISTING (DEMOLITION) SOUTH ELEVATION  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
- FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

**KEYNOTES**

- 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN
- 02 41 00.E13 (E) CEMENT BOARD SHINGLE SIDING TO REMAIN. PAINT, PATCH, AND REPAIR AS REQUIRED.
- 08 51 13.A ALUMINUM CASEMENT WINDOW
- 08 51 13.B ALUMINUM FIXED WINDOW

**LEGEND**

- PAINTED HORIZONTAL CEMENT BOARD SIDING
- PAINTED SHINGLE CEMENT BOARD SIDING
- METAL ROOF FASCIA
- AREA OF SELECTIVE DEMOLITION

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BICA22-004407**  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
10:09 am, Aug 05, 2022  
**REVIEWED**  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
By: ROSALINA ACUFF

**MARJANG ARCHITECTURE**

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

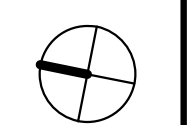
PROJECT TEAM

- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064
- ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600
- STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869
- CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
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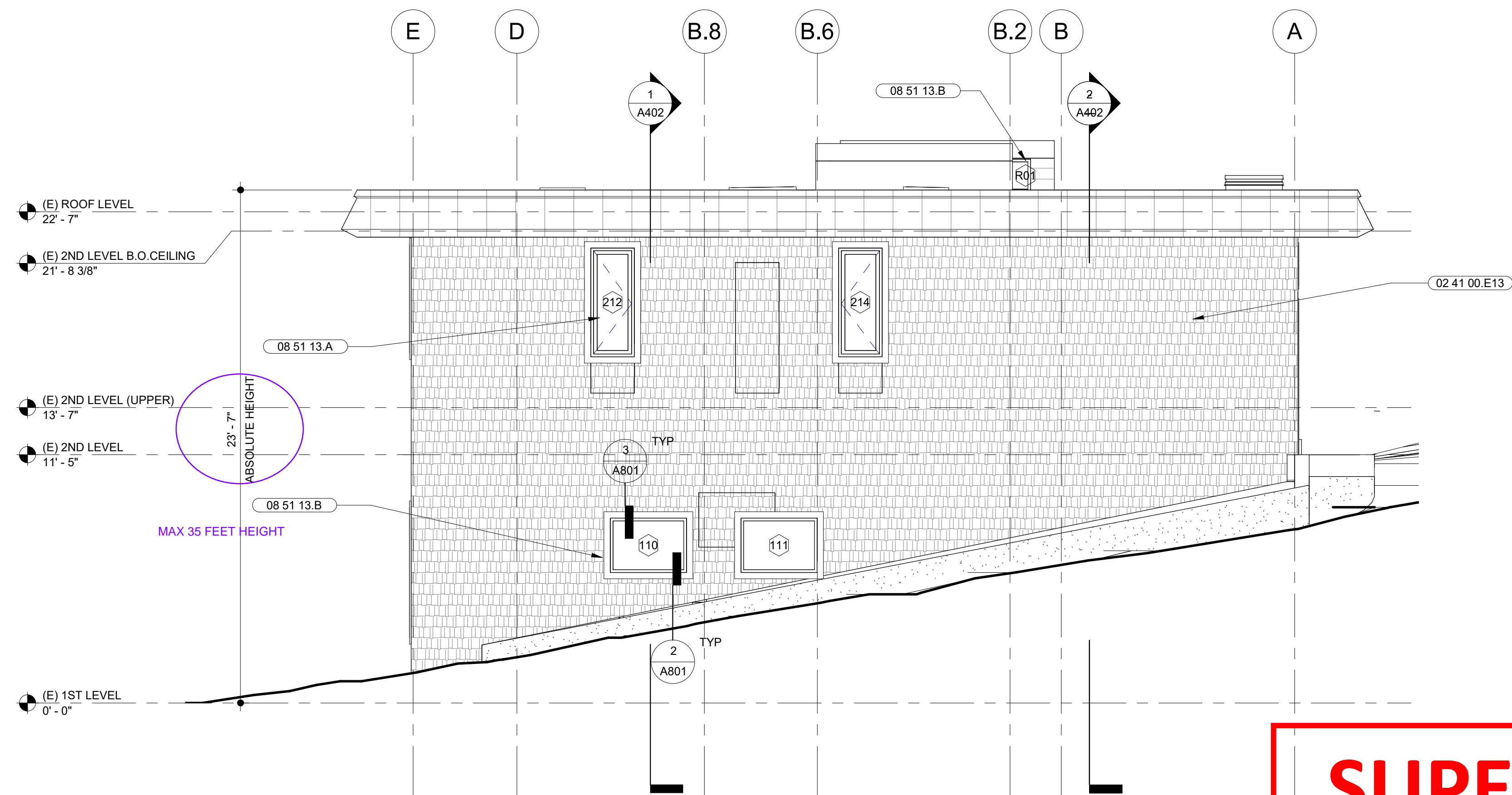
NO.	DESCRIPTION	DATE
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2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
EXTERIOR ELEVATIONS - SOUTH

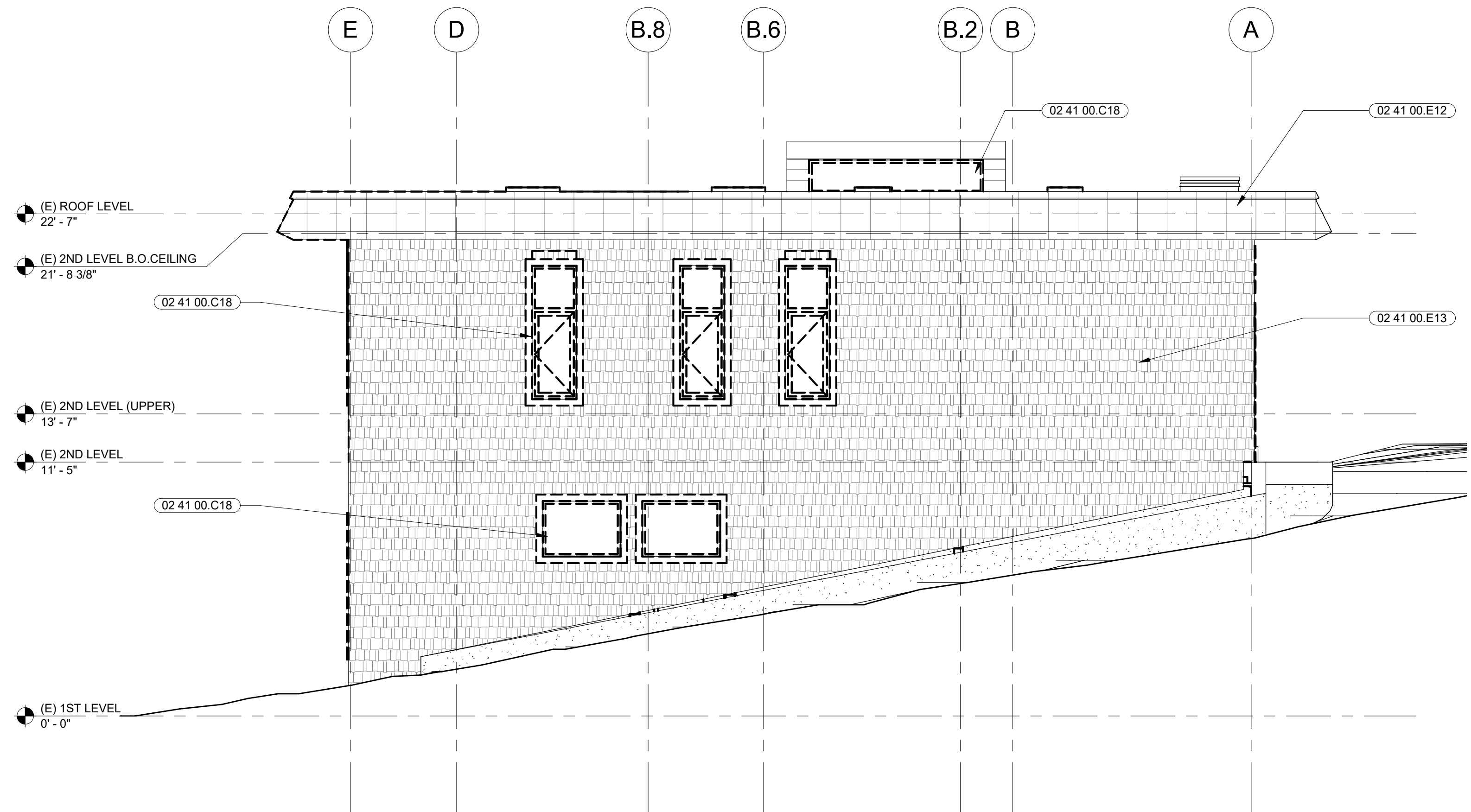


**A302**



**2** PROPOSED SOUTH ELEVATION  
SCALE: 1/4" = 1'-0"

**SUPERCEDED**  
KEEP SHEET FOR APPROVED/REVIEWED STAMPS  
By: ROSALINA ACUFF 8:08 am, Aug 01, 2022



**1** EXISTING (DEMOLITION) SOUTH ELEVATION  
SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BICA22-004407**  
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10:09 am, Aug 05, 2022  
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By: ROSALINA ACUFF

- SHEET NOTES**
- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
  - FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:

**INTERIOR REMODEL OF EXISTING FIRE  
STATION CDVR21-01040**

ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO  
THIS PLAN MUST BE REVIEWED AND APPROVED BY  
CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT  
BEFORE MODIFICATION.

PLANNING APPROVED BY:  
Department of Conservation and Development

- KEYNOTES**
- 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
  - 02 41 00.E12 (E) METAL FASCIA TO REMAIN
  - 02 41 00.E13 (E) CEMENT BOARD SHINGLE SIDING TO REMAIN. PAINT, PATCH, AND REPAIR AS REQUIRED
  - 08 51 13.A ALUMINUM CASEMENT WINDOW
  - 08 51 13.B ALUMINUM FIXED WINDOW

**LEGEND**

	PAINTED HORIZONTAL CEMENT BOARD SIDING
	PAINTED SHINGLE CEMENT BOARD SIDING
	METAL ROOF FASCIA
	AREA OF SELECTIVE DEMOLITION

**MARJANG  
ARCHITECTURE**

STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
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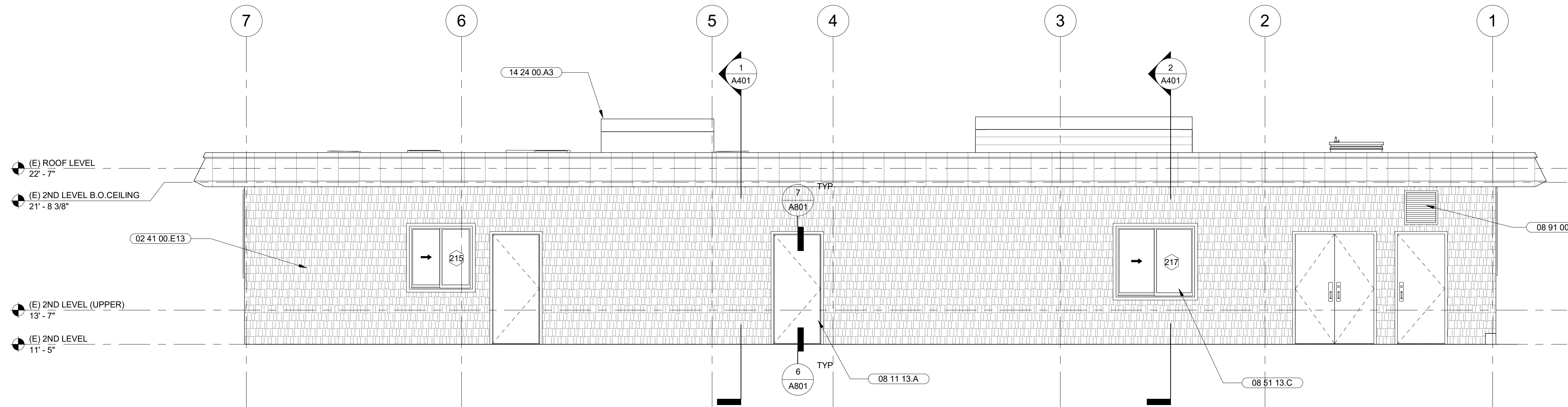
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
2	PLANNING SUBMITTAL	11/01/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
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7	ISSUED FOR BUILDING PERMIT	04/01/2022

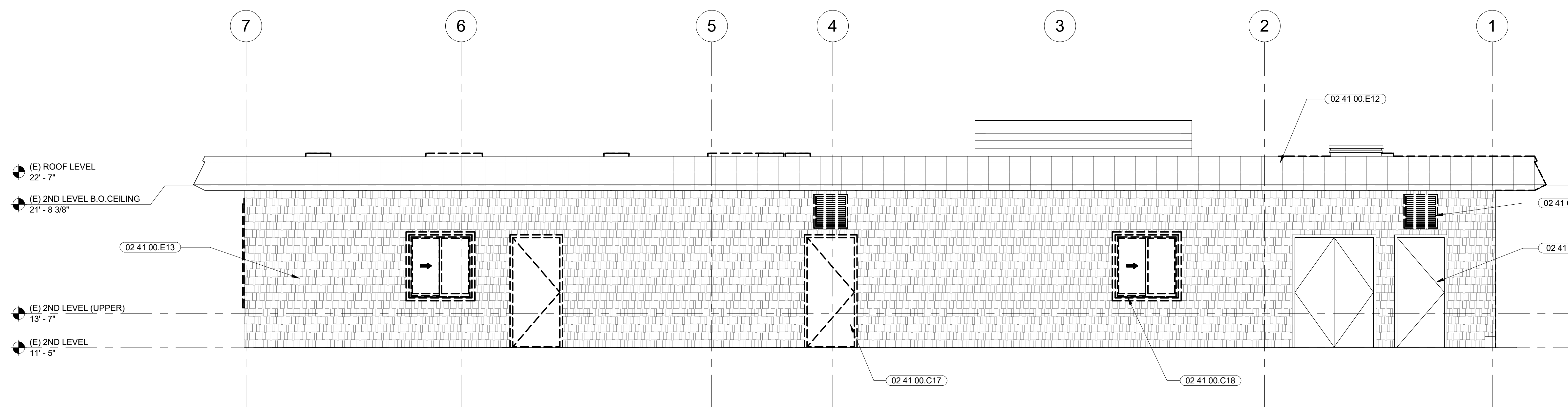
JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
EXTERIOR ELEVATIONS - SOUTH

**A302**



**2 | PROPOSED EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



**1 | EXISTING (DEMOLITION) EAST ELEVATION**  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
- FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

**KEYNOTES**

- 02 41 00.C17 (E) DOOR AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
- 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
- 02 41 00.C58 (E) LOUVERS TO BE REMOVED
- 02 41 00.E3 (E) DOOR TO REMAIN
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN
- 02 41 00.E13 (E) CEMENT BOARD SHINGLE SIDING TO REMAIN. PAINT, PATCH, AND REPAIR AS REQUIRED
- 08 11 13.A HOLLOW METAL DOOR AND FRAME. PAINT, PATCH, AND REPAIR AS REQUIRED
- 08 51 13.C ALUMINUM SLIDING WINDOW
- 08 91 00.A FIXED PAINTED ALUMINUM LOUVER
- 14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD

**LEGEND**

- PAINTED HORIZONTAL CEMENT BOARD SIDING
- PAINTED SHINGLE CEMENT BOARD SIDING
- METAL ROOF FASCIA
- AREA OF SELECTIVE DEMOLITION

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BICA22-004407**  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
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By: ROSALINA ACUFF

**MARJANG ARCHITECTURE**

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

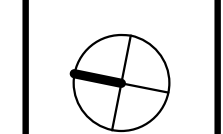
PROJECT TEAM

- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064
- ARCHITECT: MARJANG ARCHITECTURE  
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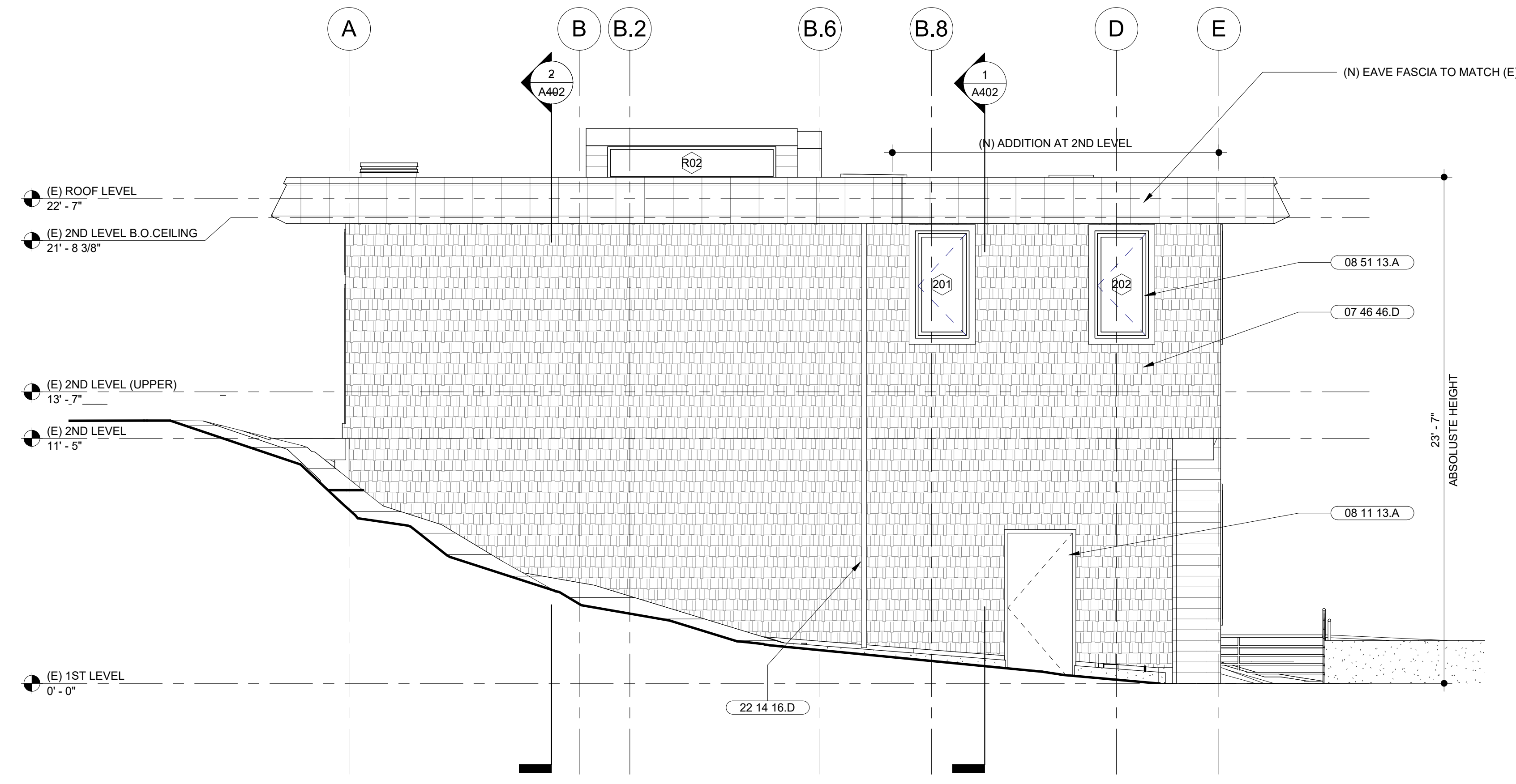
NO.	DESCRIPTION	DATE
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7	ISSUED FOR BUILDING PERMIT	04/01/2022
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JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

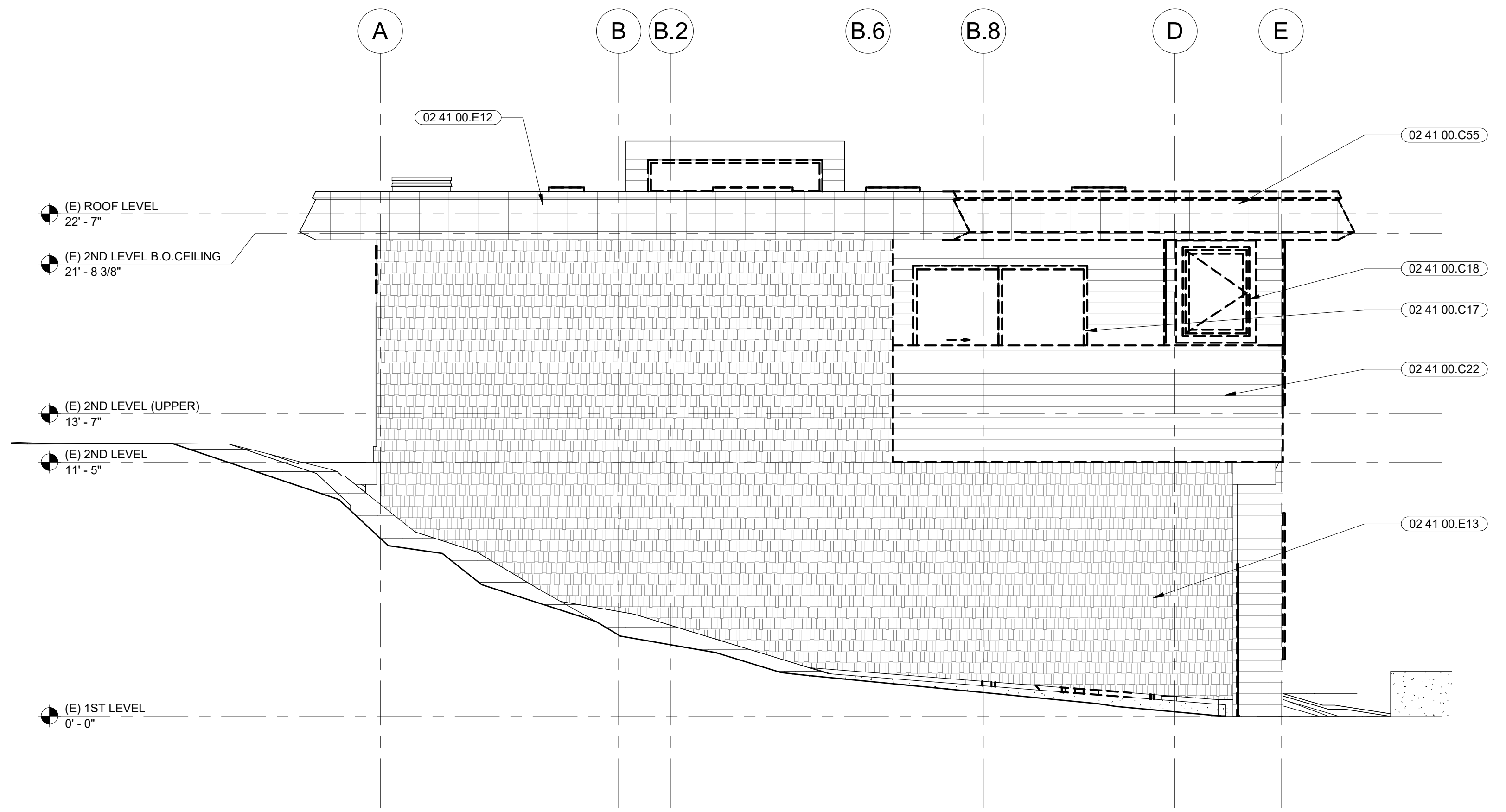
DESCRIPTION  
EXTERIOR ELEVATIONS - EAST



**A303**



**2** PROPOSED NORTH ELEVATION  
SCALE: 1/4" = 1'-0"



**1** EXISTING (DEMOLITION) NORTH ELEVATION  
SCALE: 1/4" = 1'-0"

- SHEET NOTES**
- FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
  - FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

**MARJANG ARCHITECTURE**

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
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CONTACT: MATT FRANTZ  
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CIVIL: BKF ENGINEERS  
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CONTACT: HENRY TOORYANI  
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- KEYNOTES**
- 02 41 00.C17 (E) DOOR AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
  - 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
  - 02 41 00.C22 (E) WALLS TO BE REMOVED
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  - 07 46 46.D PAINTED FIBER CEMENT BOARD SHINGLE SIDING
  - 08 11 13.A HOLLOW METAL DOOR AND FRAME
  - 08 51 13.A ALUMINUM CASEMENT WINDOW
  - 22 14 16.D (N) RAINWATER LEADER AT EXTERIOR. SEE PLUMBING DRAWINGS

**LEGEND**

	PAINTED HORIZONTAL CEMENT BOARD SIDING
	PAINTED SHINGLE CEMENT BOARD SIDING
	METAL ROOF FASCIA
	AREA OF SELECTIVE DEMOLITION

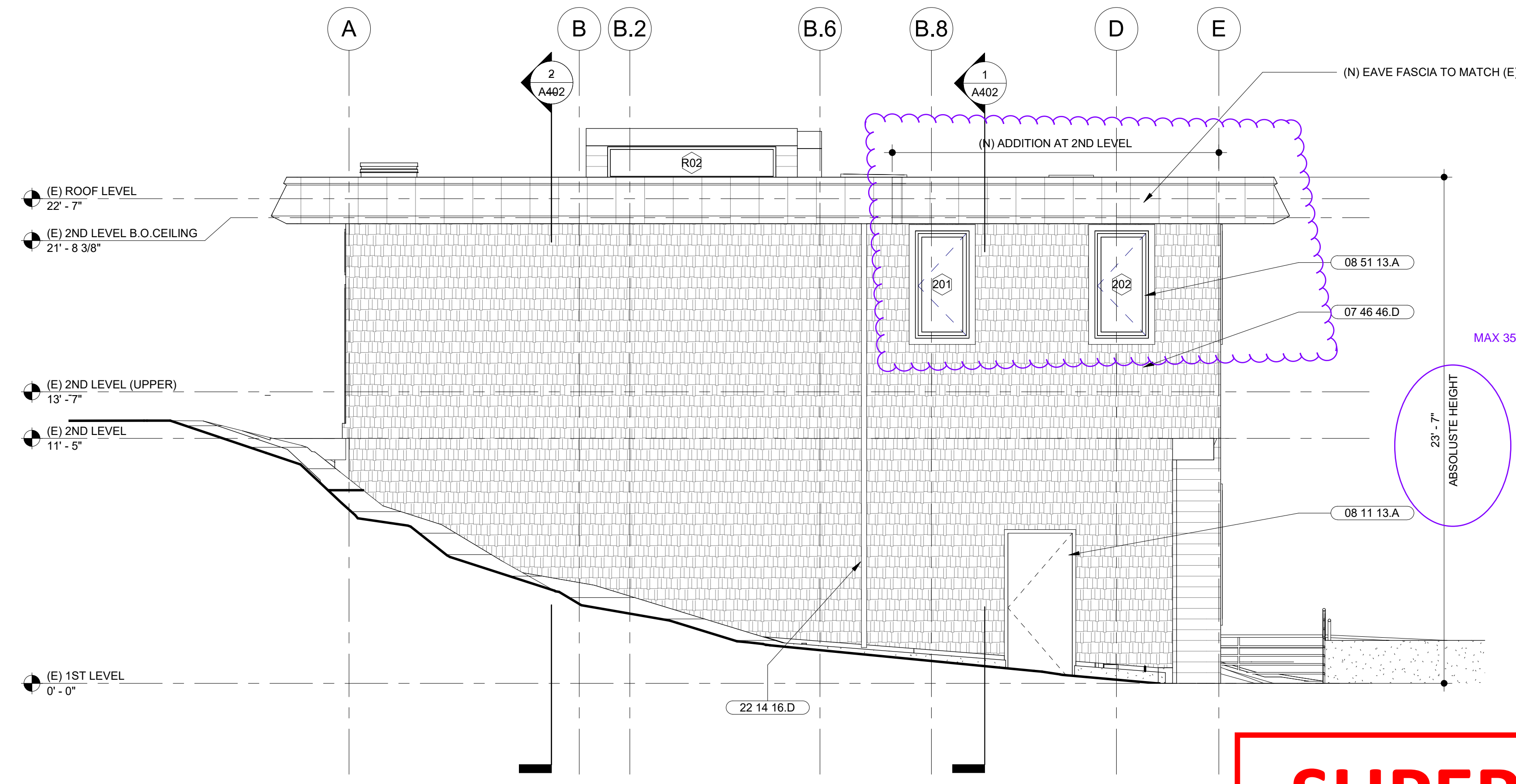
NO.	DESCRIPTION	DATE
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3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PLANNING SUBMITTAL R1	01/06/2022
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
EXTERIOR ELEVATIONS - NORTH

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BICA22-004407**  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
10:09 am, Aug 05, 2022  
**REVIEWED**  
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By: ROSALINA ACUFF

**A304**

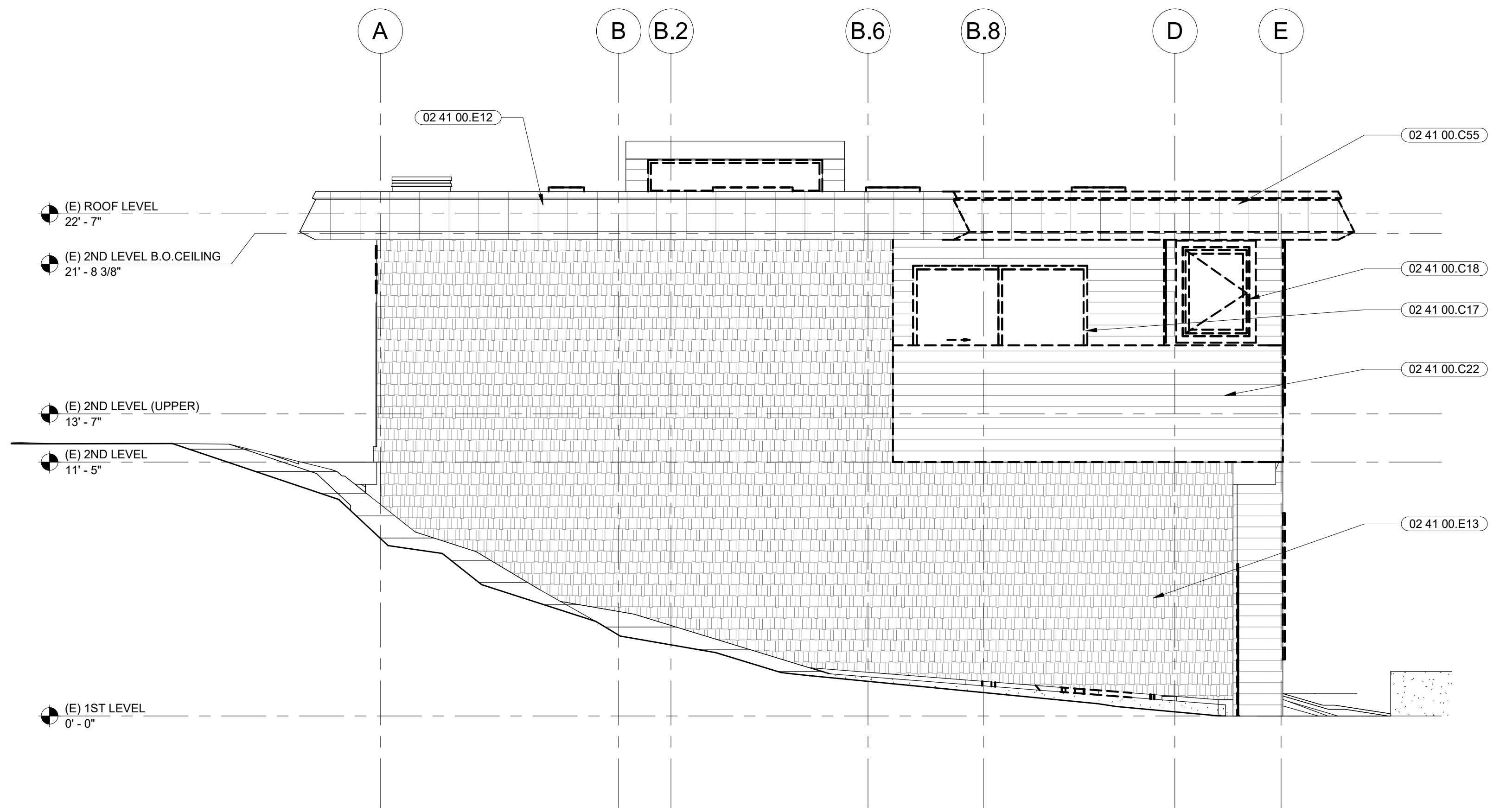


**2** PROPOSED NORTH ELEVATION  
SCALE: 1/4" = 1'-0"

SUPERCEDED

KEEP SHEET FOR APPROVED/REVIEWED STAMPS

By: ROSALINA ACUFF 8:09 am, Aug 01, 2022



**1** EXISTING (DEMOLITION) NORTH ELEVATION  
SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
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By: ROSALINA ACUFF

**SHEET NOTES**

1. FOR DOOR SIZES AND TYPE, REFER TO DOOR SCHEDULE
2. FOR WINDOW SIZES AND TYPE, REFER TO WINDOW SCHEDULE

CONTRA COSTA COUNTY  
CONSERVATION AND DEVELOPMENT  
COMMUNITY DEVELOPMENT DIVISION  
HAS ONLY APPROVED THE FOLLOWING:

INTERIOR REMODEL OF EXISTING FIRE  
STATION CDVR21-01040

ANY DEVIATIONS, MODIFICATIONS, OR ADDITIONS TO  
THIS PLAN MUST BE REVIEWED AND APPROVED BY  
CONTRA COSTA COUNTY COMMUNITY DEVELOPMENT  
BEFORE MODIFICATION.  
PLANNING APPROVED BY:  
Department of Conservation and Development

**KEYNOTES**

- 02 41 00.C17 (E) DOOR AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
- 02 41 00.C18 (E) WINDOW AND FRAME TO BE REMOVED INDICATED BY DASHED LINES, TYP.
- 02 41 00.C22 (E) WALLS TO BE REMOVED
- 02 41 00.C55 (E) METAL LOUVER TO BE REMOVED
- 02 41 00.E12 (E) METAL FASCIA TO REMAIN
- 02 41 00.E13 (E) CEMENT BOARD SHINGLE SIDING TO REMAIN. PAINT, PATCH, AND REPAIR AS REQUIRED
- 07 46 46.D PAINTED FIBER CEMENT BOARD SHINGLE SIDING
- 08 11 13.A HOLLOW METAL DOOR AND FRAME
- 08 51 13.A ALUMINUM CASEMENT WINDOW
- 22 14 16.D (N) RAINWATER LEADER AT EXTERIOR. SEE PLUMBING DRAWINGS

**LEGEND**

- PAINTED HORIZONTAL CEMENT BOARD SIDING
- PAINTED SHINGLE CEMENT BOARD SIDING
- METAL ROOF FASCIA
- AREA OF SELECTIVE DEMOLITION

MARJANG  
ARCHITECTURE

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
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SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
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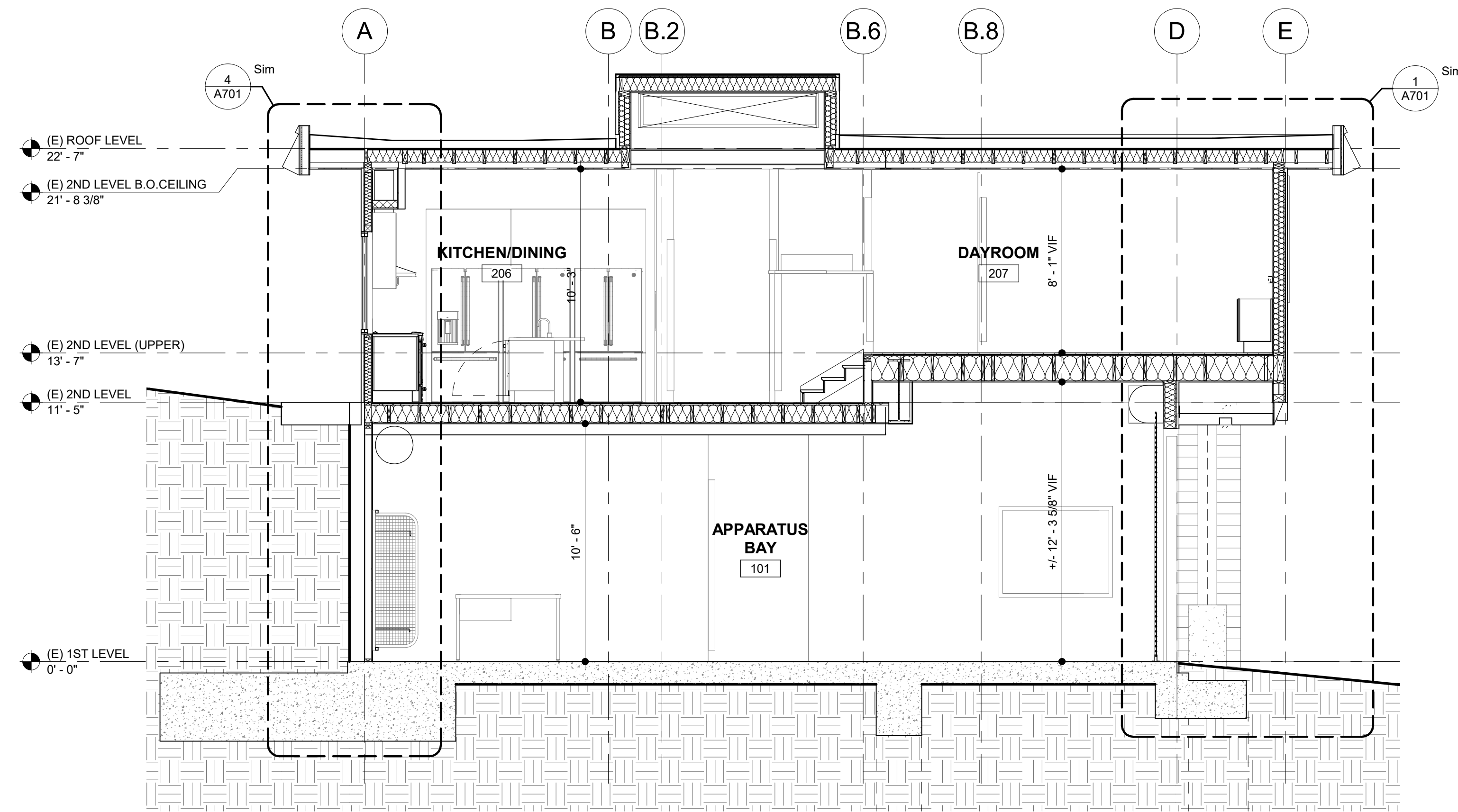
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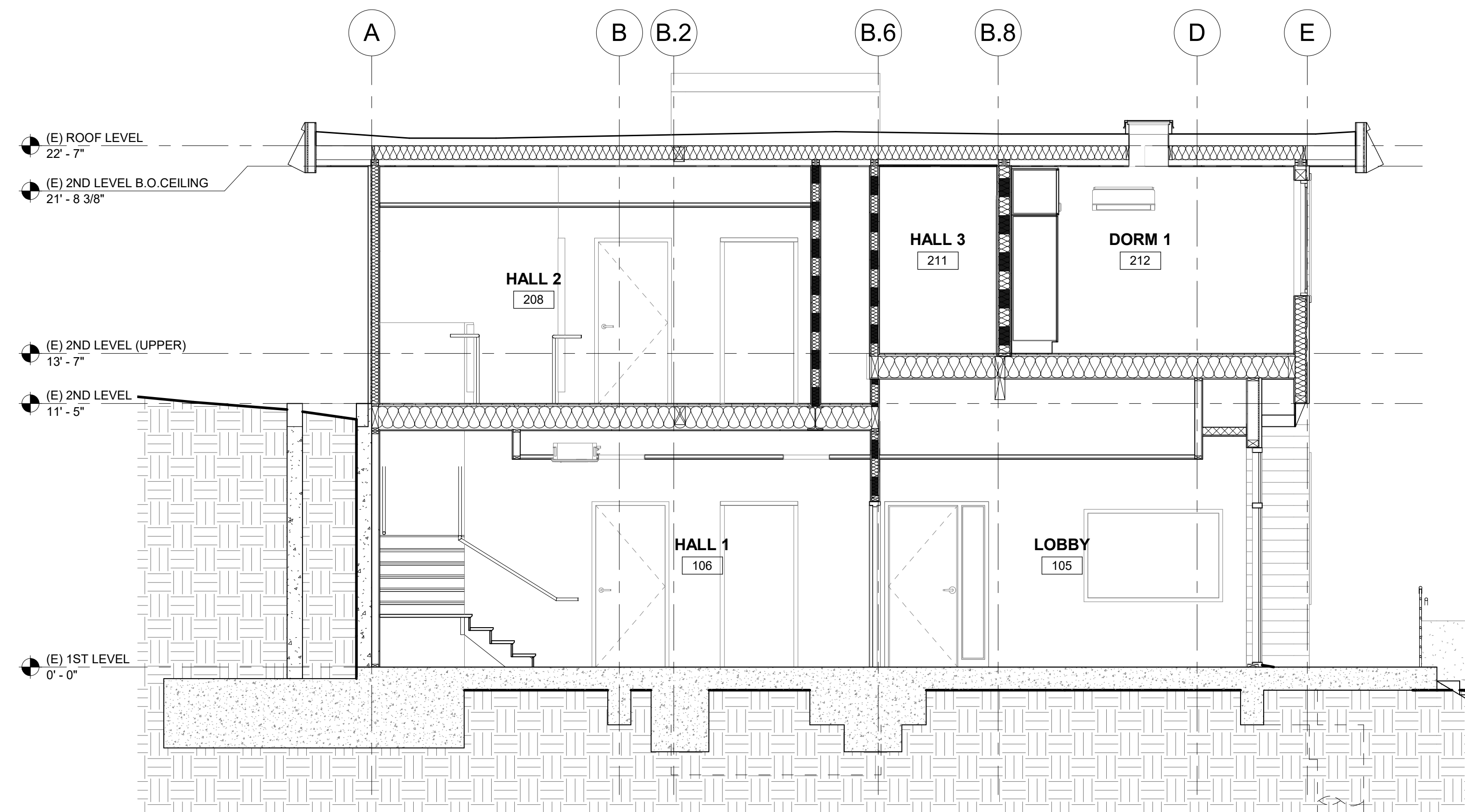
DESCRIPTION  
EXTERIOR ELEVATIONS - NORTH

A304

3/31/2022 4:56:01 PM



**2** BUILDING SECTION 2  
SCALE: 1/4" = 1'-0"



**1** BUILDING SECTION 1  
SCALE: 1/4" = 1'-0"

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**MARJANG**  
ARCHITECTURE

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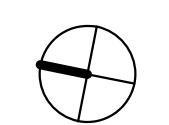
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JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
BUILDING SECTIONS



**A401**



STAMP



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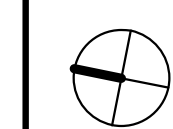
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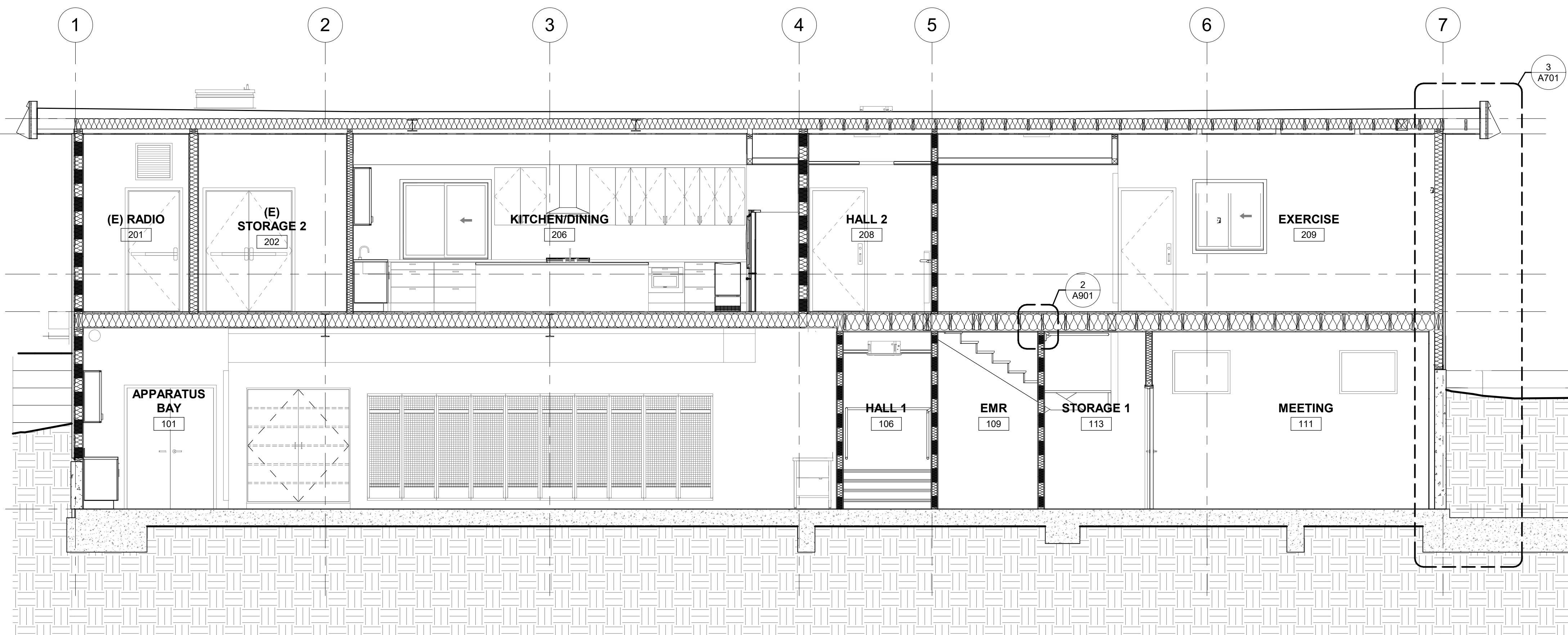
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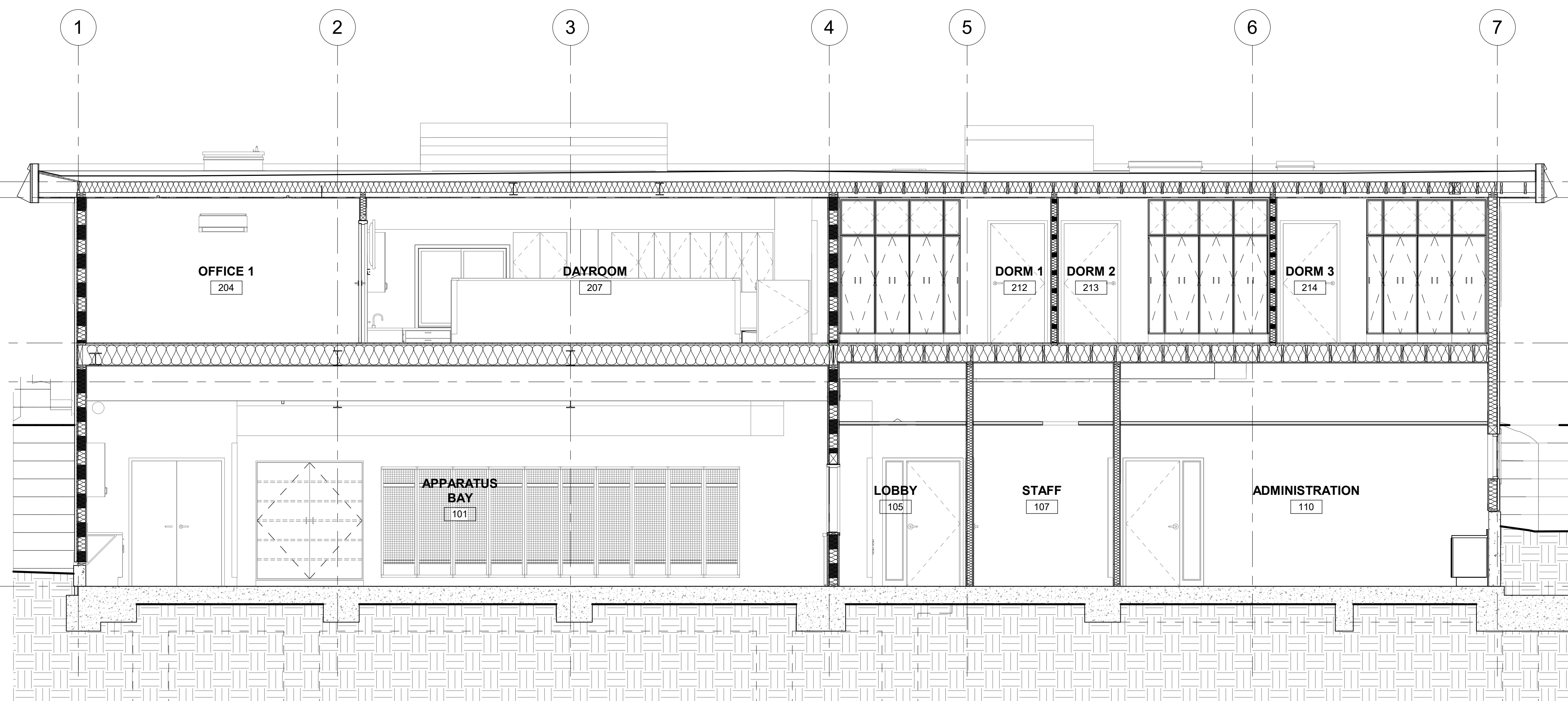
DESCRIPTION  
BUILDING SECTIONS



A402



2 BUILDING SECTION 4  
SCALE: 1/4" = 1'-0"



1 BUILDING SECTION 3  
SCALE: 1/4" = 1'-0"

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WINDOW SCHEDULE												
WT	LOCATION	TYPE	CONSTRUCTION TYPE	OPENING		FINISH	MATERIALS		GLAZING	TRIM	U-FACTOR	COMMENTS
				WIDTH	HEIGHT							
104	LOBBY	INTERIOR	WINDOW - HM FRAME W_SINGLE_PANE_10789	4'-8"	3'-8"	PAINTED HM		TEMPERED		NONE		1-HR RATED FRAME AND GLAZING ASSEMBLY
105	LOBBY	INTERIOR	WINDOW - HM FRAME W_SINGLE_PANE_10789	5'-8"	3'-8"	PAINTED HM		TEMPERED		NONE		
106	STAFF	EXTERIOR	Window-Casement-Upper Lite-Trim	2'-0"	6'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		REPLACE EXISTING IN-KIND
107	ADMINISTRATION	EXTERIOR	Window-Casement-Upper Lite-Trim	2'-0"	6'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		REPLACE EXISTING IN-KIND
108	ADMINISTRATION	EXTERIOR	Window-Casement-Upper Lite-Trim	2'-0"	6'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		REPLACE EXISTING IN-KIND
109	ADMINISTRATION	EXTERIOR	Window-Casement-Upper Lite-Trim	2'-0"	6'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		REPLACE EXISTING IN-KIND
110	ADMINISTRATION	EXTERIOR	Window-Fixed-Trim	3'-6"	2'-6"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		(N) WINDOW LOCATION, SEE PLAN AND ELEVATION
111	ADMINISTRATION	EXTERIOR	Window-Fixed-Trim	3'-6"	2'-6"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		REPLACE EXISTING IN-KIND
112	MEETING	EXTERIOR	Window-Fixed	3'-4"	2'-6"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		REPAIR AS REQUIRED		REPLACE EXISTING IN-KIND
113	MEETING	EXTERIOR	Window-Fixed	3'-4"	2'-6"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		REPAIR AS REQUIRED		REPLACE EXISTING IN-KIND
114	STAFF	INTERIOR	WINDOW - HM FRAME W_SINGLE_PANE_10789	5'-8"	3'-8"	PAINTED HM		TEMPERED		NONE		
201	OFFICE 1	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
202	CAPTAIN'S OFFICE	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
203	CAPTAIN'S OFFICE	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
204	CAPTAIN'S OFFICE	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
205	DAYROOM	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
206	DAYROOM	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
207	DAYROOM	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
208	DAYROOM	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
209	DORM 1	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
210	DORM 2	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
211	DORM 3	EXTERIOR	Window-Casement-Trim	2'-6"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		
212	DORM 3	EXTERIOR	Window-Casement-Trim	2'-0"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		REPLACE EXISTING IN-KIND
214	LAUNDRY	EXTERIOR	Window-Casement-Trim	2'-0"	5'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		REPLACE EXISTING IN-KIND
215	EXERCISE	EXTERIOR	Window-Sliding-Double	4'-0"	4'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		REPLACE EXISTING IN-KIND
217	KITCHEN/DINING	EXTERIOR	Window-Sliding-Double	5'-0"	4'-6"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		(N) WINDOW SIZE AND LOCATION, SEE PLAN AND ELEVATION
L01	(E) RADIO	EXTERIOR	Window-Louvers	2'-0"	2'-0"	PAINTED ALUM.				MATCH (E)		REPLACE EXISTING IN-KIND
R01	KITCHEN/DINING	EXTERIOR	Window-Fixed	7'-10"	1'-6"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		NONE		REPLACE EXISTING IN-KIND
R02	KITCHEN/DINING	EXTERIOR	Window-Fixed	7'-10"	1'-6"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		NONE		REPLACE EXISTING IN-KIND
SL1	HALL 3	EXTERIOR	Skylight	4'-0"	3'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E				CURB MOUNTED FIXED
SL2	DORM 1	EXTERIOR	Skylight	2'-0"	2'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E				CURB MOUNTED MOTORIZED
SL3	DORM 2	EXTERIOR	Skylight	2'-0"	2'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E				CURB MOUNTED MOTORIZED
SL4	DORM 3	EXTERIOR	Skylight	2'-0"	2'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E				CURB MOUNTED MOTORIZED
SL5	LAUNDRY	EXTERIOR	Skylight	2'-0"	2'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E				CURB MOUNTED MOTORIZED
SL6	ADA BATH	EXTERIOR	Skylight	2'-0"	2'-0"	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E				CURB MOUNTED MOTORIZED
STOREFRONT WINDOW SCHEDULE												
101	LOBBY	EXTERIOR	STOREFRONT WINDOW WALL SYSTEM	6'-8"	9'-6" VIF	BRONZE ANOD. ALUM.		TEMPERED, INSULATED, LOW-E		MATCH (E)		

**WINDOW TYPICAL NOTES**

- ALL GLASS TO BE LOW-E, INSULATED, TEMPERED SAFETY GLAZING W/ BUG VISIBLE.
- ALL WINDOWS HAVE MANUFACTURER'S U-FACTOR LISTING (T24 CALCULATION SHOW ENERGY COMPLIANCE OVER MINIMUM 0.40 REQUIRED).
- ALL SIZES ARE APPROXIMATE FOR PRICING, GC TO CONFIRM ACTUAL SIZE AND ROUGH OPENINGS PRIOR TO PLACING ORDER OR FABRICATION.

STAMP

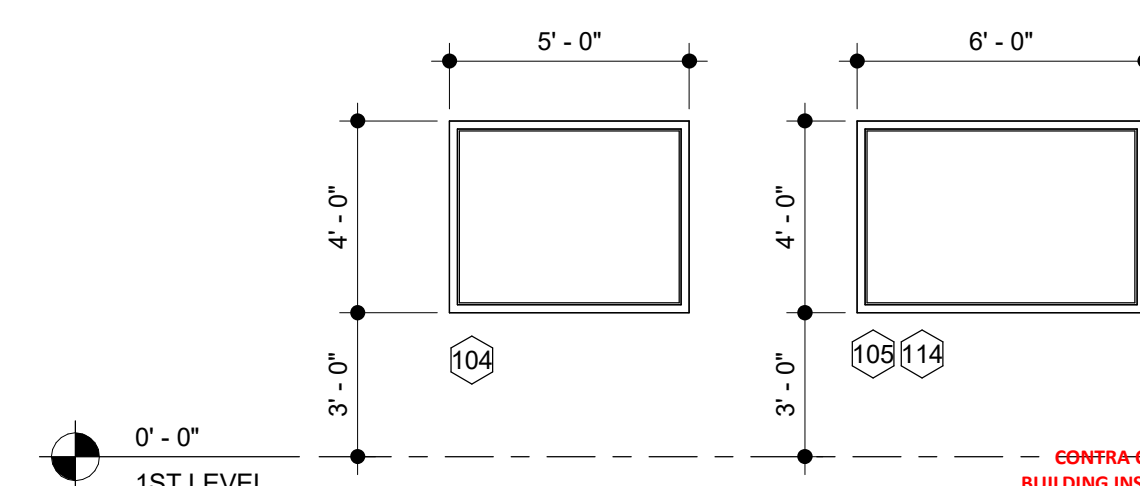
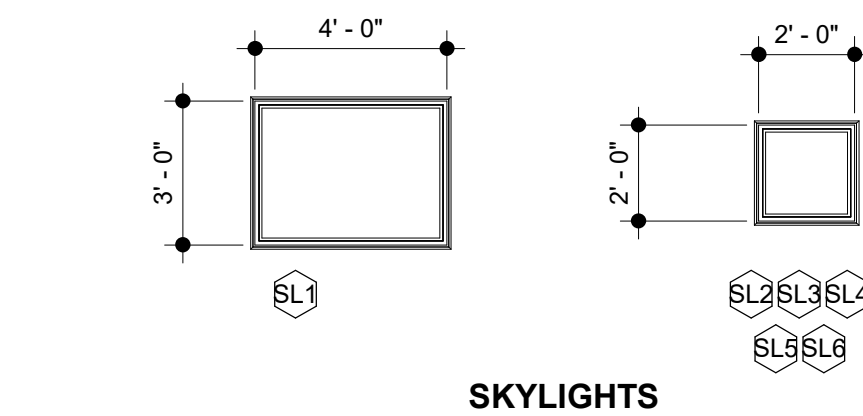
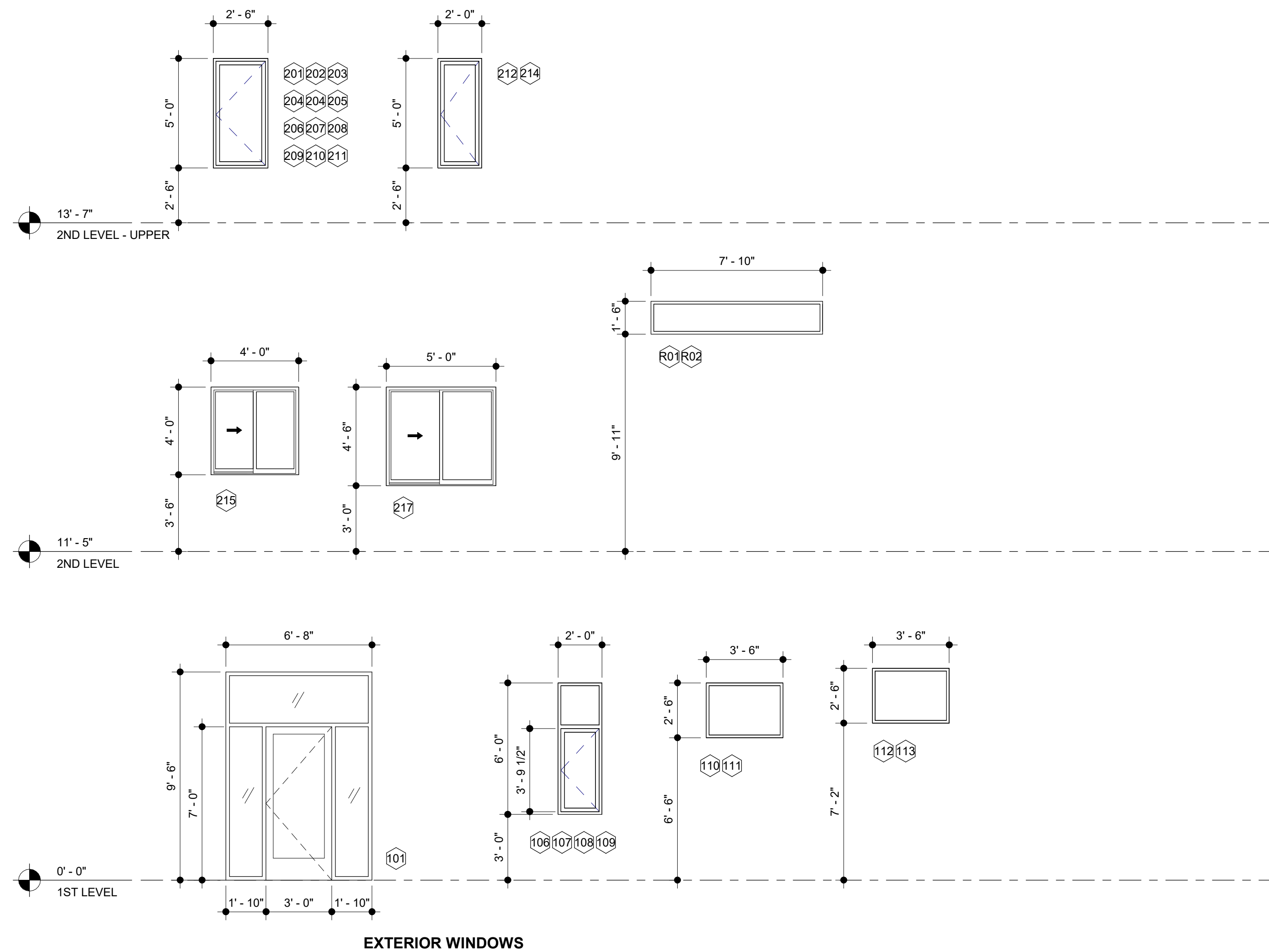


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**WINDOW SCHEDULE**  
SCALE: 1/4" = 1'-0"

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	09/27/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION WINDOW SCHEDULE



STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJIANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA, 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

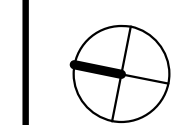
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

NO.	DESCRIPTION	DATE
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JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

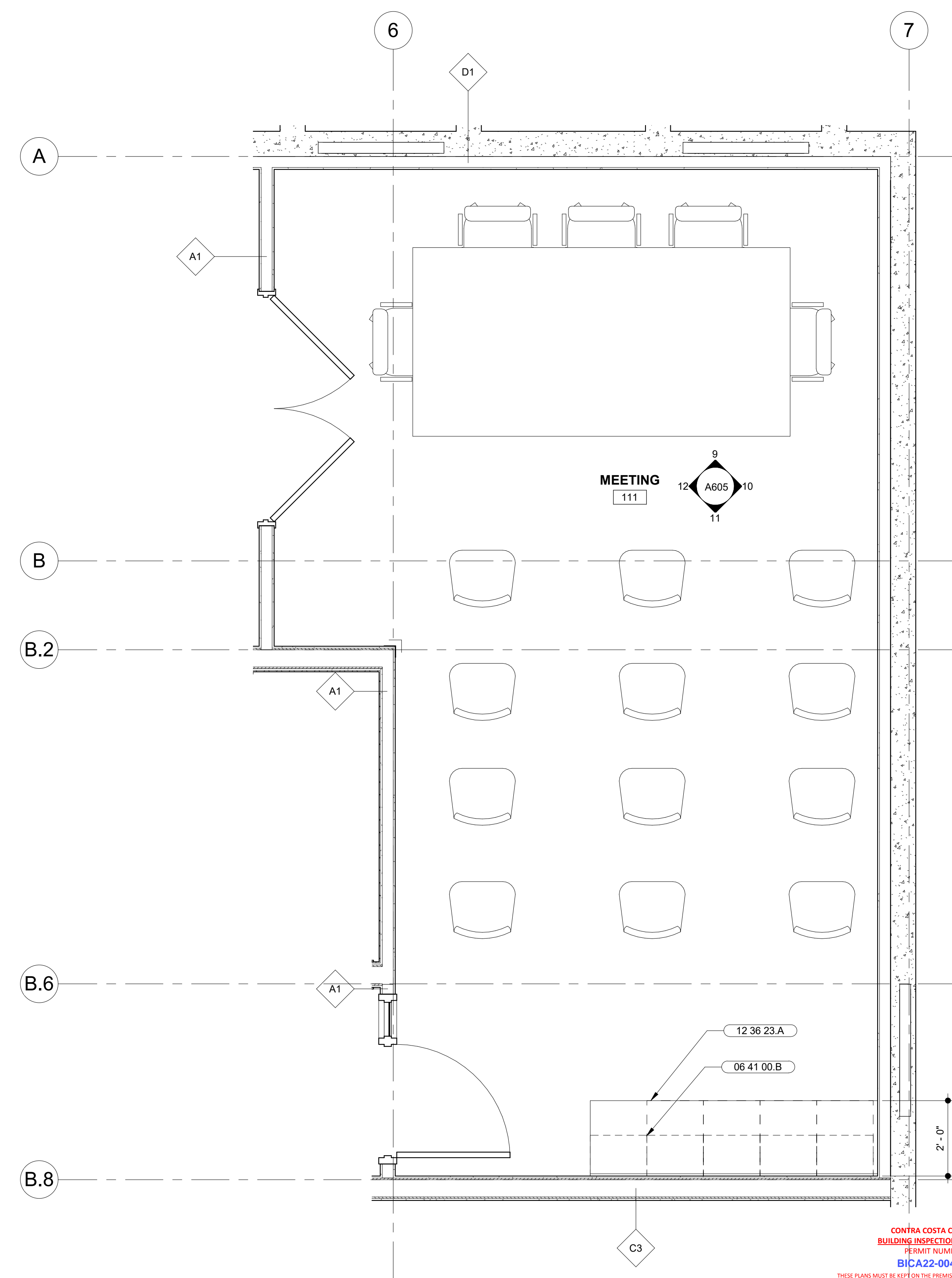
DESCRIPTION  
 ENLARGED PLAN & INTERIOR ELEVATIONS



## A601

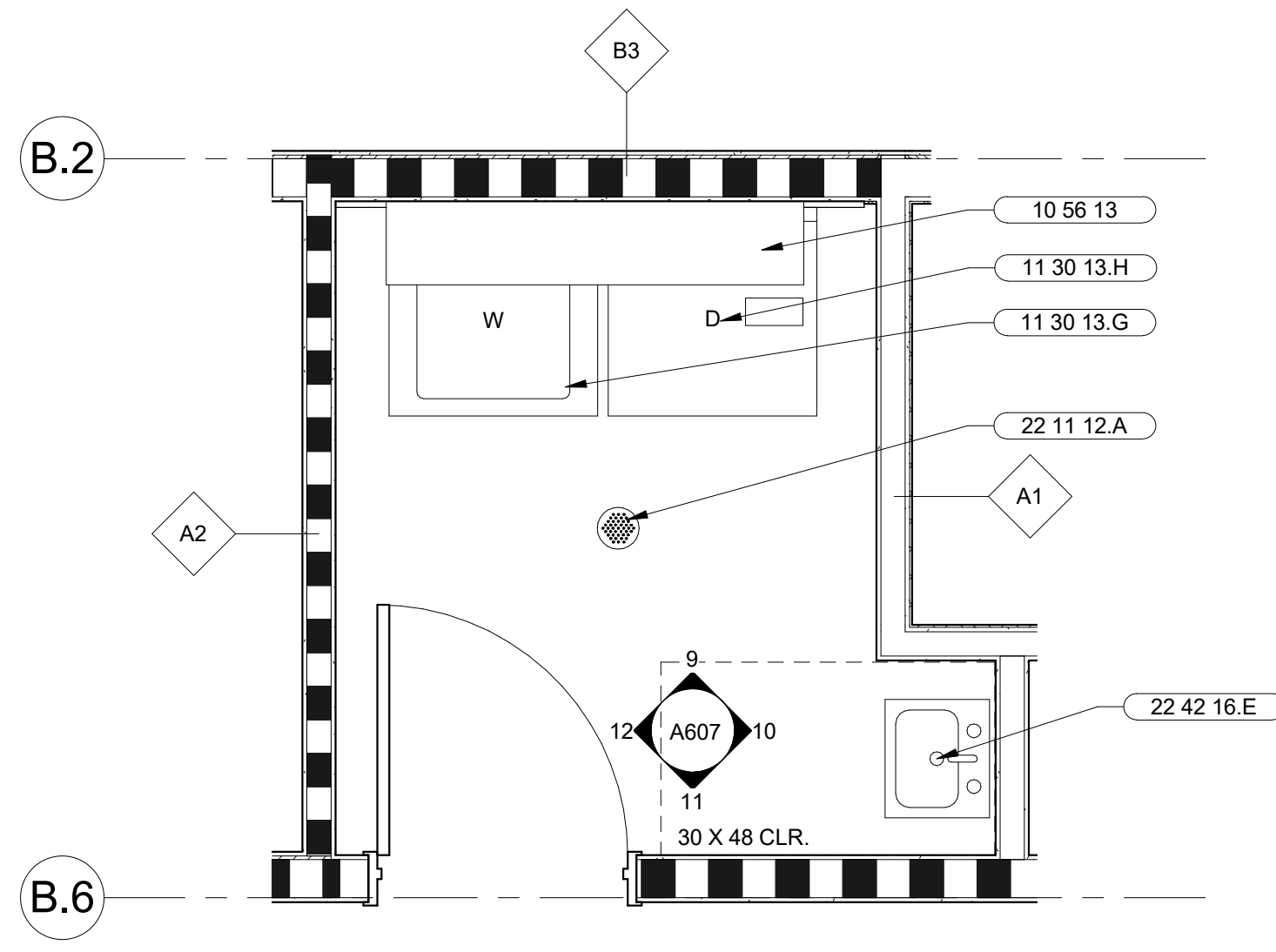
- SHEET NOTES**
- ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N.
  - ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
  - FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A014.
  - PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.
  - CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.
  - REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503
  - VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.
  - FFE SHOWN FOR REFERENCE, OFCI

- KEYNOTES**
- 06 41 00.B UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
  - 12 36 23.A PLASTIC LAMINATE COUNTERTOPS

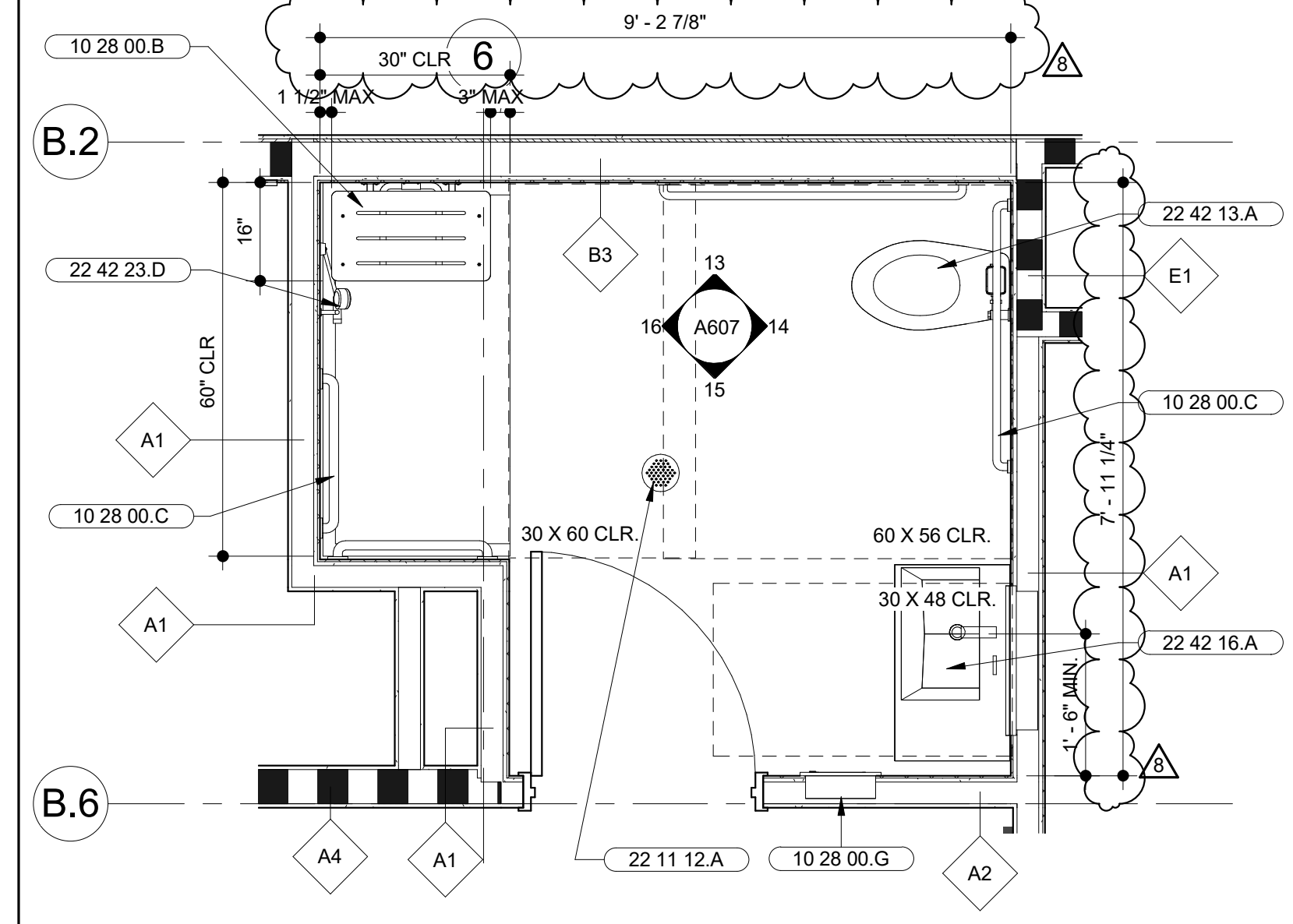


CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:09 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

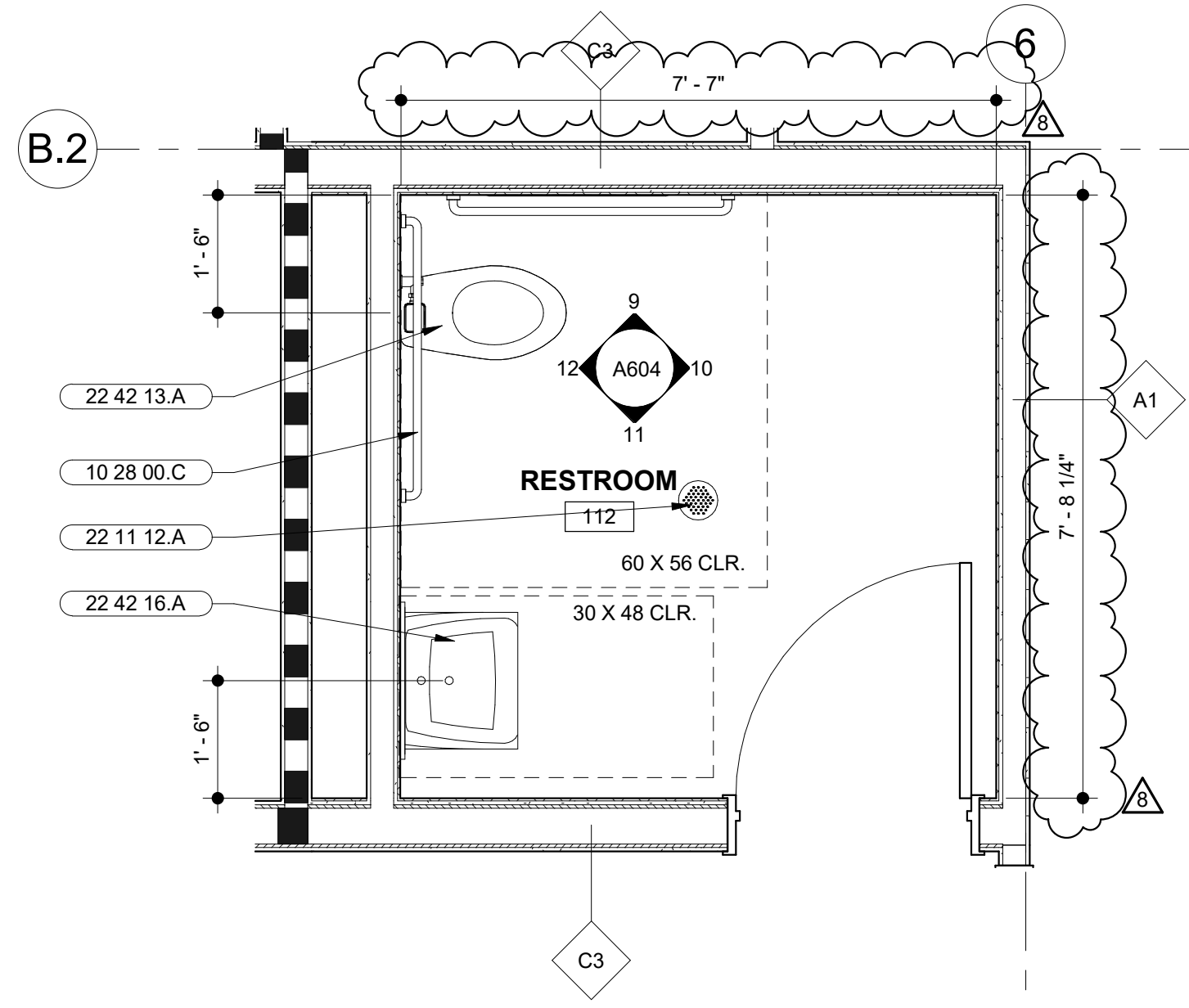
**1** MEETING 111 - ENLARGED PLAN  
 SCALE: 1/2" = 1'-0"



**5** LAUNDRY 215 - ENLARGED FLOOR PLANS  
SCALE: 1/2" = 1'-0"



**4** BATH 2-216 - ENLARGED FLOOR PLANS  
SCALE: 1/2" = 1'-0"



**3** RESTROOM-112 - ENLARGED PLAN  
SCALE: 1/2" = 1'-0"

- SHEET NOTES**
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  3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A014.
  4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.
  6. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.
  7. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503
  8. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.
  9. FFE SHOWN FOR REFERENCE, OFCI

- KEYNOTES**
- 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
  - 06 41 00.B UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
  - 10 28 00.B ADA SHOWER SEAT
  - 10 28 00.C ADA GRAB BARS
  - 10 28 00.G PAPER TOWEL DISPENSER AND WASTE BASKET COMBO
  - 10 56 13 CANTILEVER METAL STORAGE SHELVES
  - 11 30 13.E REFRIGERATOR WITH WATER AND ICE DISPENSER
  - 11 30 13.F REFRIGERATOR
  - 11 30 13.G WASHER
  - 11 30 13.H DRYER
  - 11 30 13.J MICROWAVE
  - 11 30 13.K INDUCTION AND CONVECTION RANGE
  - 11 30 13.L ICE MAKER
  - 12 36 16.A METAL COUNTERTOPS
  - 12 36 16.B METAL COUNTERTOPS WITH INTEGRATED BACKSPASH
  - 14 42 00.A ADA ACCESSIBLE WHEELCHAIR LIFT
  - 22 11 12.A FLOOR DRAIN. SEE PLUMBING DRAWINGS
  - 22 41 16.B ADA KITCHEN SINK. SEE PLUMBING DRAWINGS
  - 22 42 13.A ADA TOILET FLOOR MOUNT. SEE PLUMBING DRAWINGS
  - 22 42 13.B TOILET FLOOR MOUNT. SEE PLUMBING DRAWINGS
  - 22 42 16.A ADA LAVATORY WALL MOUNTED. SEE PLUMBING DRAWINGS
  - 22 42 16.B LAVATORY WALL MOUNTED. SEE PLUMBING DRAWINGS
  - 22 42 16.E UTILITY SINK. SEE PLUMBING DRAWINGS
  - 22 42 23.B SHOWER PAN WITH CURB. SEE PLUMBING DRAWINGS
  - 22 42 23.D ADA HANDHELD SHOWER. SEE PLUMBING DRAWINGS

**MARJANG ARCHITECTURE**



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

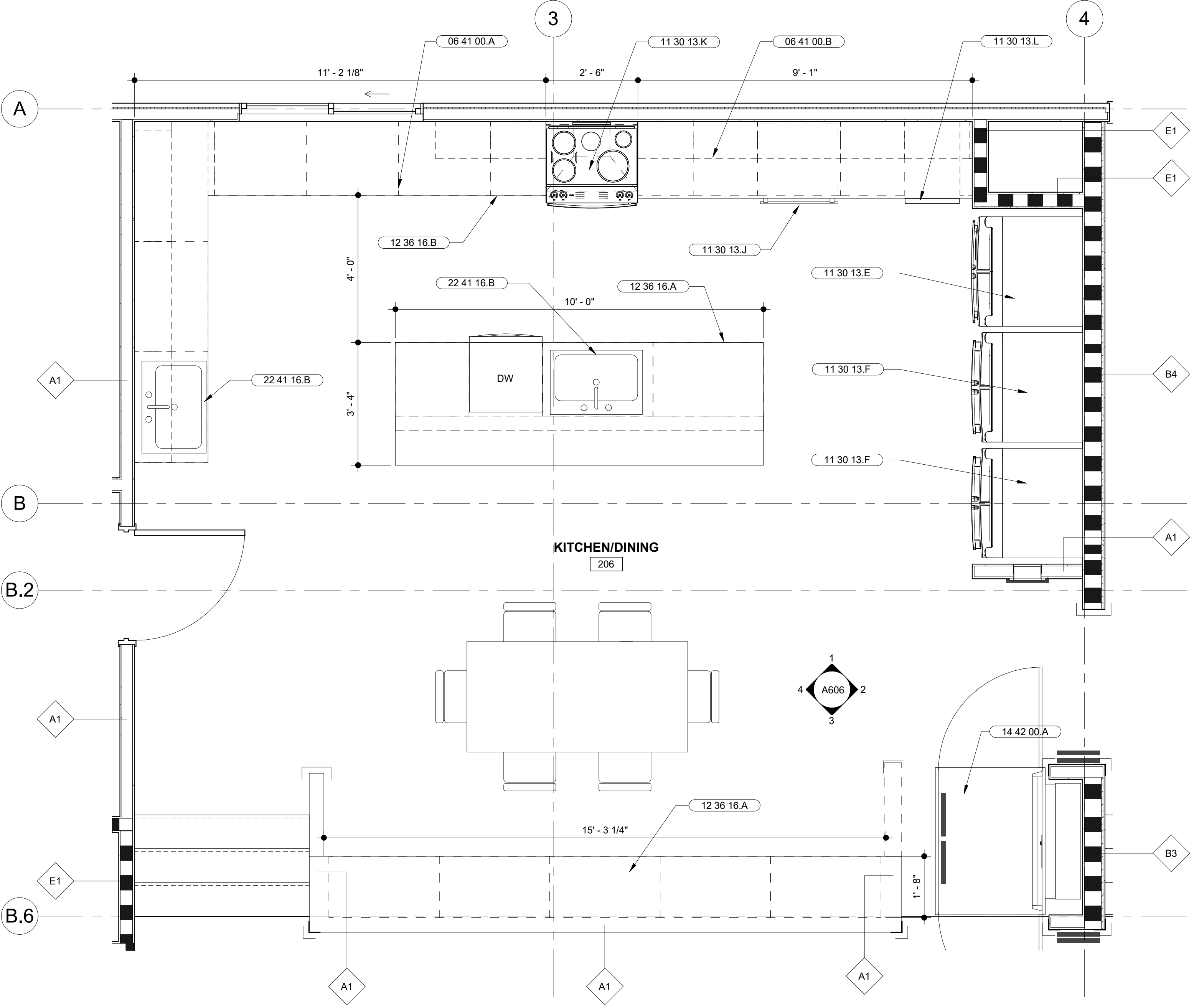
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
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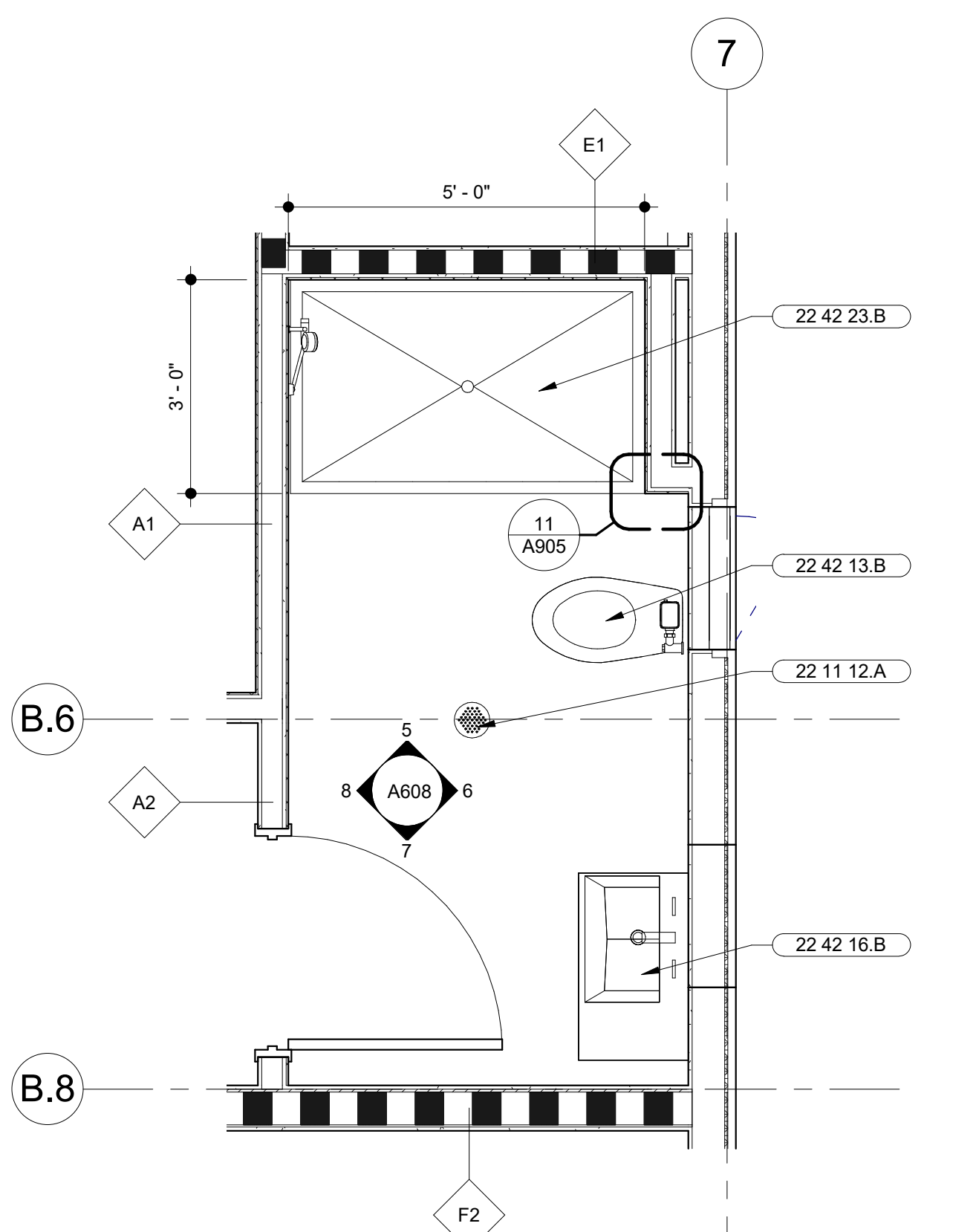
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
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CONTACT: HENRY TOORYANI  
T: (415) 826-9626



**2** KITCHEN/DINING-206 - ENLARGED PLAN  
SCALE: 1/2" = 1'-0"



**1** BATH 217 - ENLARGED PLAN  
SCALE: 1/2" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BICA22-004407**  
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10:09 am, Aug 05, 2022  
**REVIEWED**  
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By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
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7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS

**A602**

C:\Users\robert\Documents\Kensington Public Safety Building\_Central\_robertT6CYZ.rvt

7/22/2022 11:30:10 AM

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
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 1956 WEBSTER ST #300  
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 SAN FRANCISCO, CA 94103  
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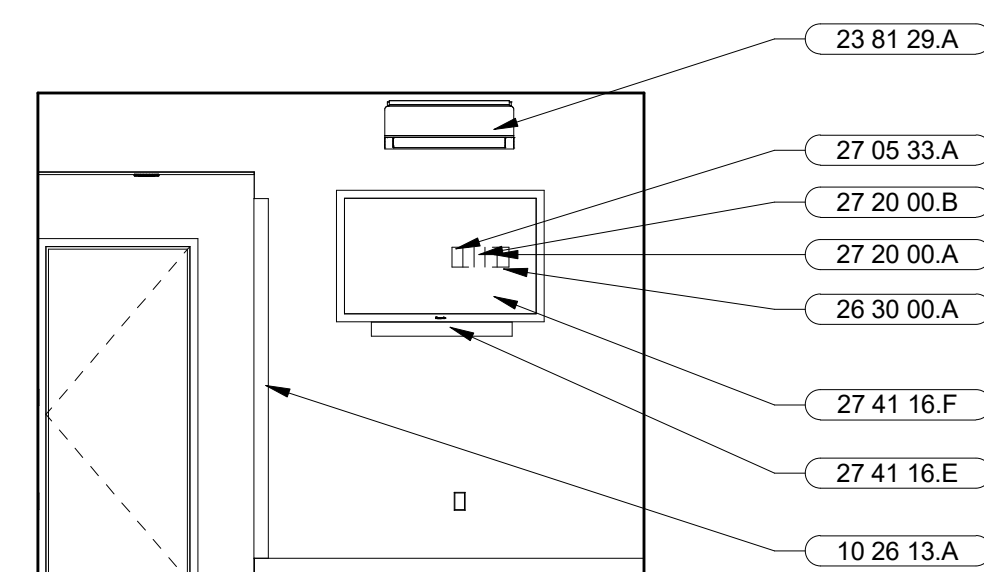
ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

**SHEET NOTES**

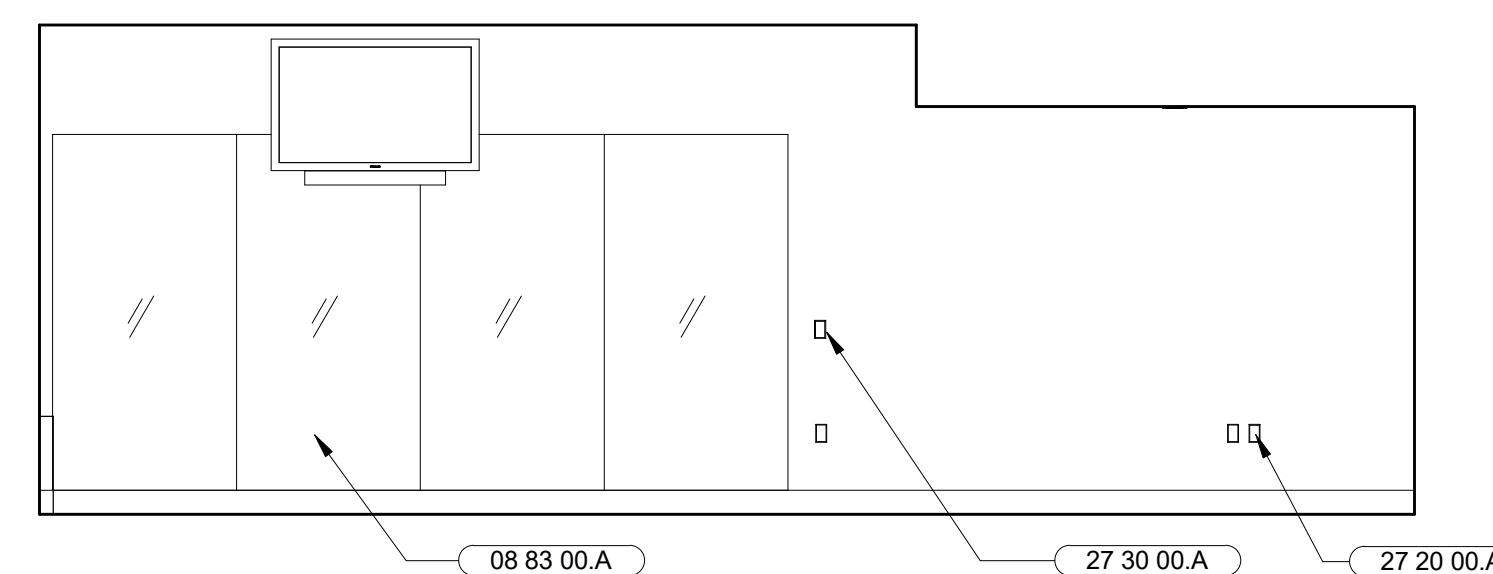
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**KEYNOTES**

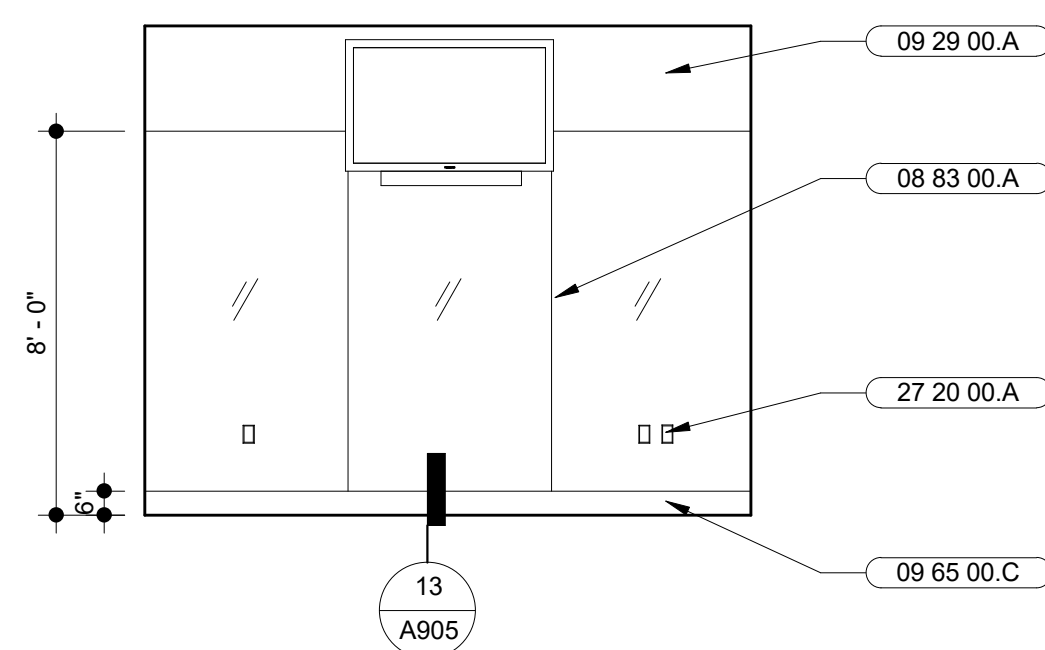
- 05 52 00.A METAL HANDRAIL
- 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
- 06 41 00.B UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
- 08 83 00.A WALL MIRROR
- 09 29 00.A GYPSUM BOARD
- 09 65 00.C RUBBER BASE, ACCESSORIES AND ATTACHMENTS
- 09 65 00.D VINYL/RUBBER STAIR TREAD AND RISER WITH CONTRASTING ABRASIVE SAFETY STRIP
- 09 77 10.B FIBER REINFORCED LAMINATE WALL PROTECTION PANEL
- 10 11 23.A TACKBOARDS
- 10 26 13.A STAINLESS STEEL CORNER GUARD
- 23 81 29.A VRF INDOOR WALL MOUNTED UNIT
- 26 30 00.A RECEPTACLE, SEE ELECTRICAL DRAWINGS
- 27 05 33.A FLAT PANEL WALL BOX ROUGH-IN CONNECTION, SEE AUDIO/VISUAL DRAWINGS
- 27 20 00.A NETWORK DATA/VOICE DEVICE PLATE, SEE COMMUNICATION DRAWINGS
- 27 20 00.B BROADBAND VIDEO DEVICE PLATE, SEE COMMUNICATION DRAWINGS
- 27 30 00.A TELEPHONE PORT, SEE COMMUNICATION DRAWINGS
- 27 41 16.F LOUD SPEAKER SOUNDBAR, SEE AUDIO/VISUAL DRAWINGS
- 27 41 16.F FLAT PANEL DISPLAY, SEE AUDIO/VISUAL DRAWINGS



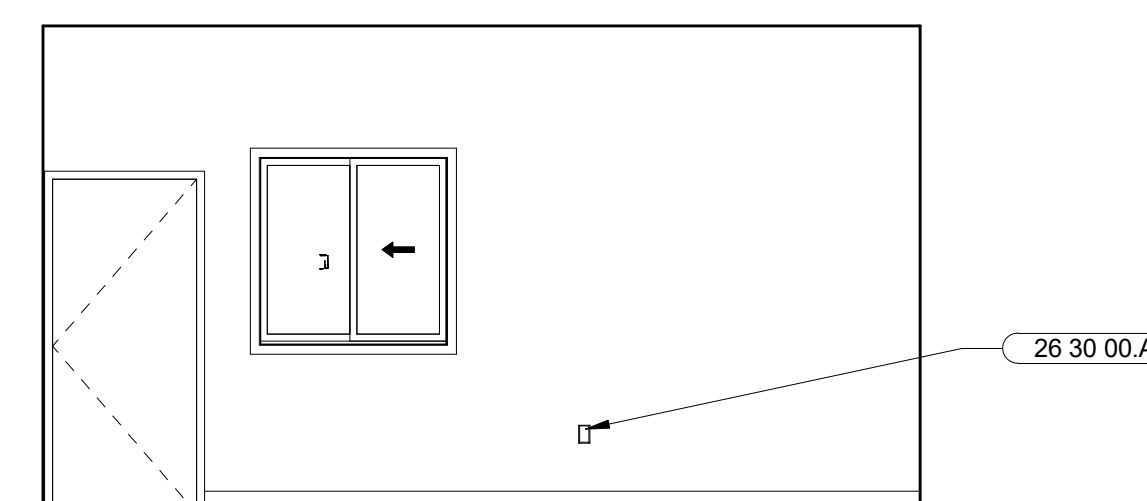
**8** EXERCISE 209 - NORTH  
 SCALE: 1/4" = 1'-0"



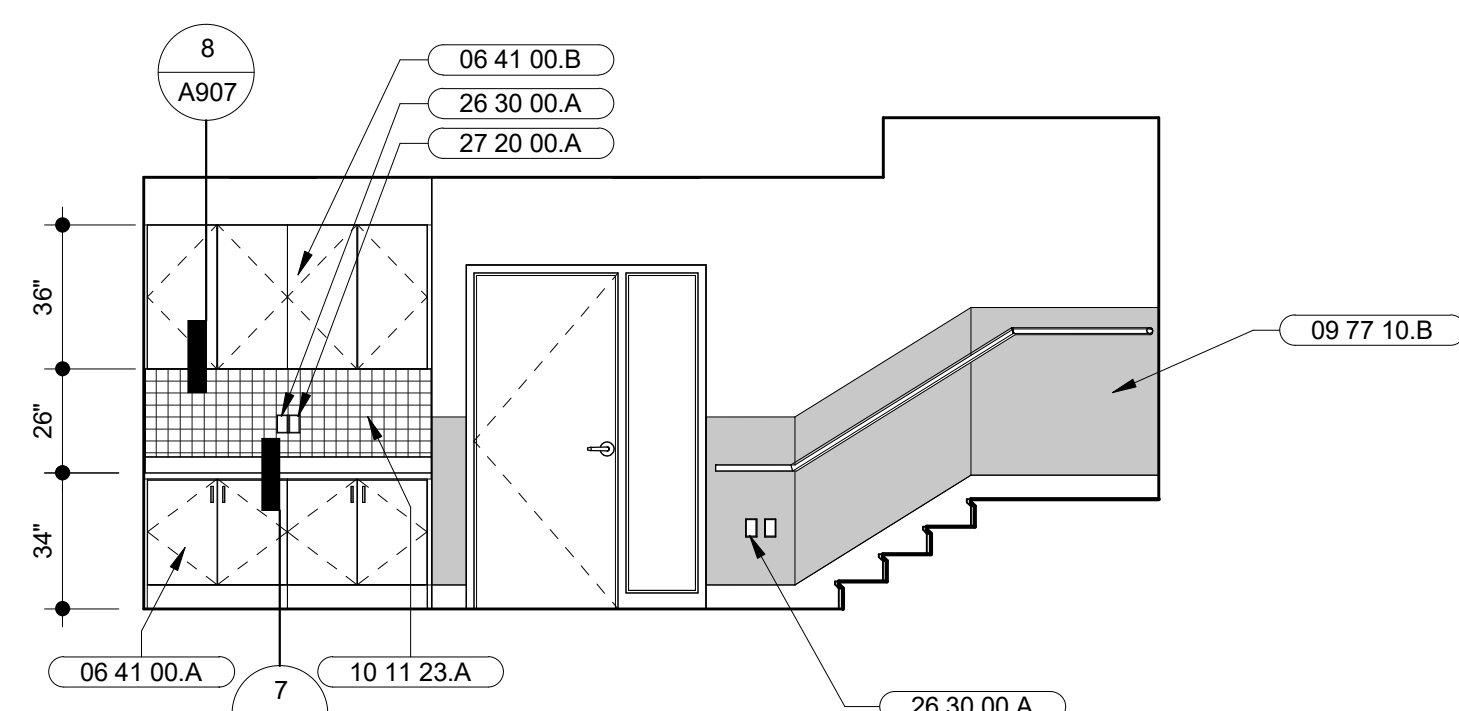
**7** EXERCISE 209 - WEST  
 SCALE: 1/4" = 1'-0"



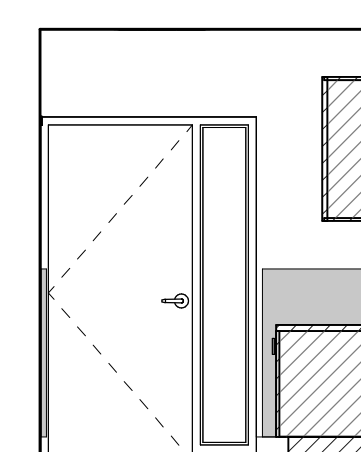
**6** EXERCISE 209 - SOUTH  
 SCALE: 1/4" = 1'-0"



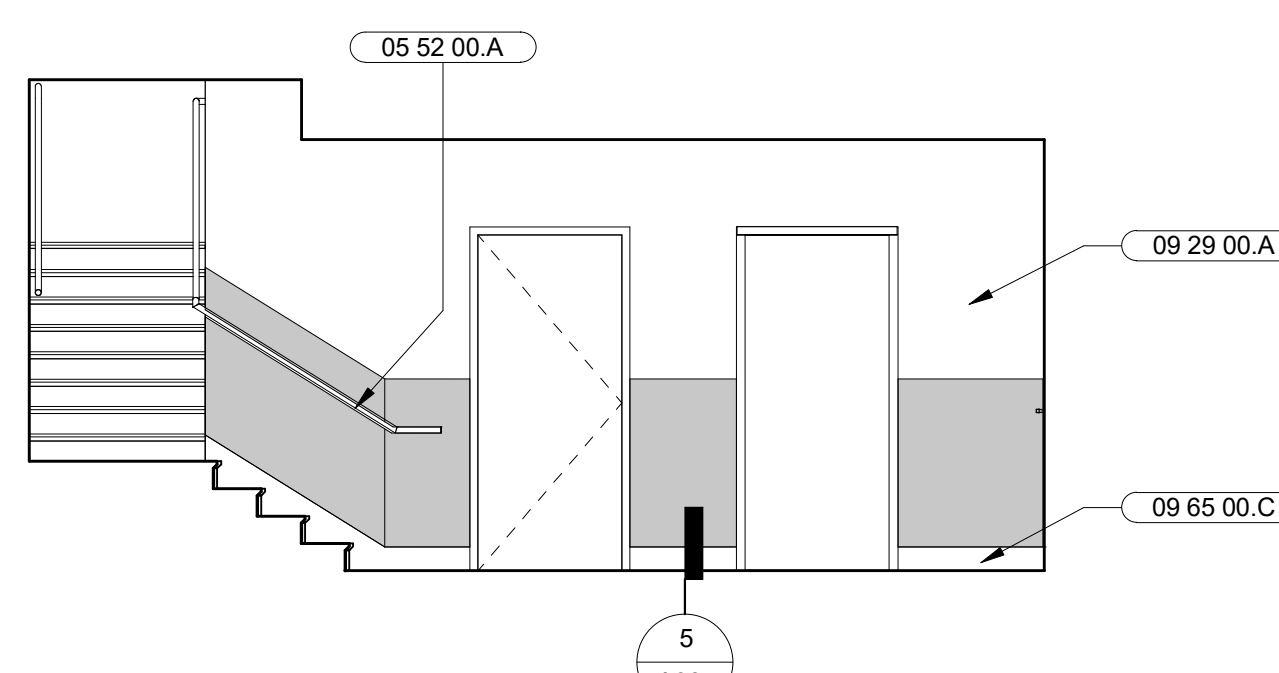
**5** EXERCISE 209 - EAST  
 SCALE: 1/4" = 1'-0"



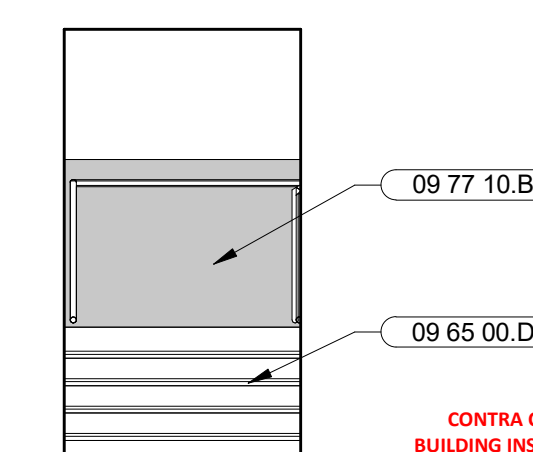
**4** HALL 1 106 - NORTH  
 SCALE: 1/4" = 1'-0"



**3** HALL 1 106 - WEST  
 SCALE: 1/4" = 1'-0"



**2** HALL 1 106 - SOUTH  
 SCALE: 1/4" = 1'-0"



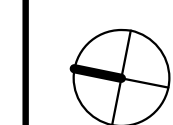
**1** HALL 1 106 - EAST  
 SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
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NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
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7	ISSUED FOR BUILDING PERMIT	04/01/2022
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JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 ENLARGED PLAN & INTERIOR ELEVATIONS



**A603**

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
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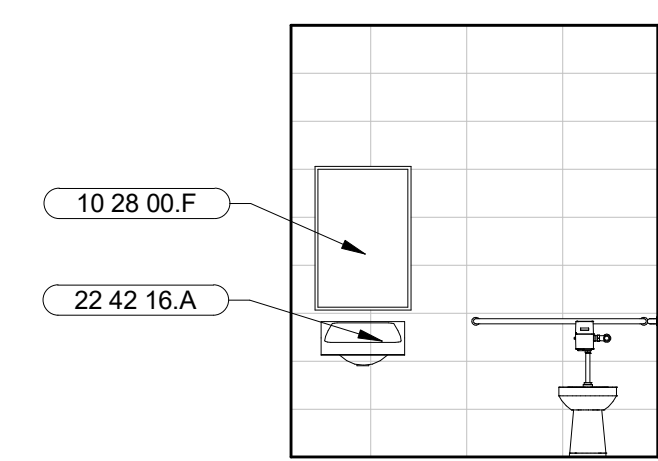
ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

**SHEET NOTES**

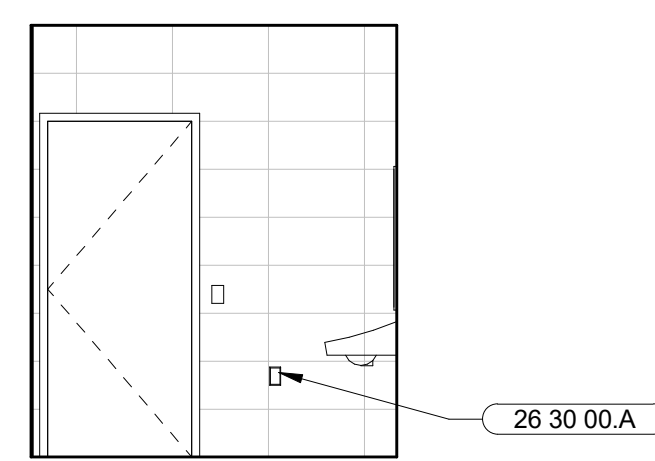
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7. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.
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**KEYNOTES**

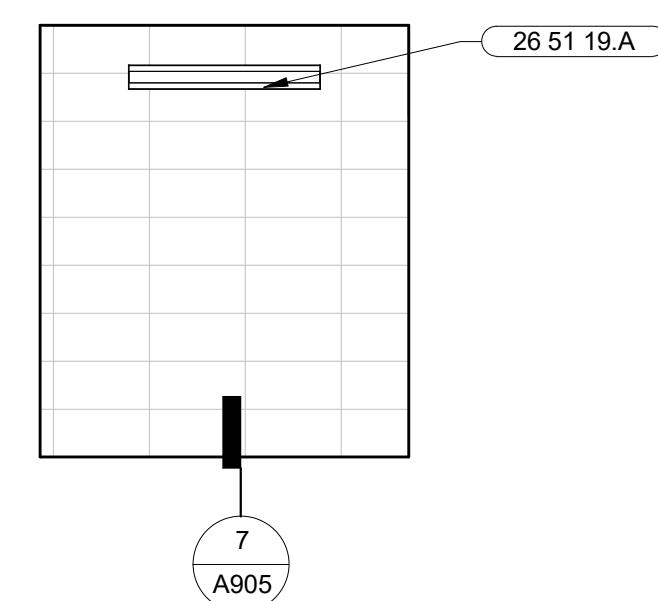
- 03 30 00.B EXPOSED CONCRETE CURB
- 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
- 06 41 00.B UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
- 08 33 00.A (N) OVERHEAD COILING DOOR WITH MOTOR AND CONTROLLER
- 09 29 00.A GYPSUM BOARD
- 09 30 00.A WALL TILE
- 09 65 00.A VINYL COMPOSITION TILE (ANTI-STATIC)
- 09 65 00.C RUBBER BASE, ACCESSORIES AND ATTACHMENTS
- 09 77 10.A PHENOLIC CORE WALL PROTECTION PANEL
- 09 77 10.B FIBER REINFORCED LAMINATE WALL PROTECTION PANEL
- 10 26 23.B STAINLESS STEEL U-GUARD
- 10 28 00.C ADA GRAB BARS
- 10 28 00.D TOILET PAPER AND SEAT COVER DISPENSER, WASTE DISPOSAL COMBO
- 10 28 00.F WALL MIRROR
- 10 44 00.A FIRE EXTINGUISHER CABINET
- 10 50 80 BUTCHER BLOCK COUNTERTOPS
- 12 36 19.A ADA TOILET FLOOR MOUNT, SEE PLUMBING DRAWINGS
- 22 42 13.A ADA LAVATORY WALL MOUNTED, SEE PLUMBING DRAWINGS
- 22 42 16.A DECON SERVICE SINK WITH INTERGRAL WORKTABLE, SEE PLUMBING DRAWINGS
- 22 47 13.A HI-LO DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS
- 26 27 26.B SWITCH, SEE ELECTRICAL DRAWINGS
- 26 30 00.A RECEPTACLE, SEE ELECTRICAL DRAWINGS
- 26 51 19.A WALL MOUNTED LED LIGHT FIXTURE
- 27 20 00.A NETWORK DATA/VOICE DEVICE PLATE, SEE COMMUNICATION DRAWINGS



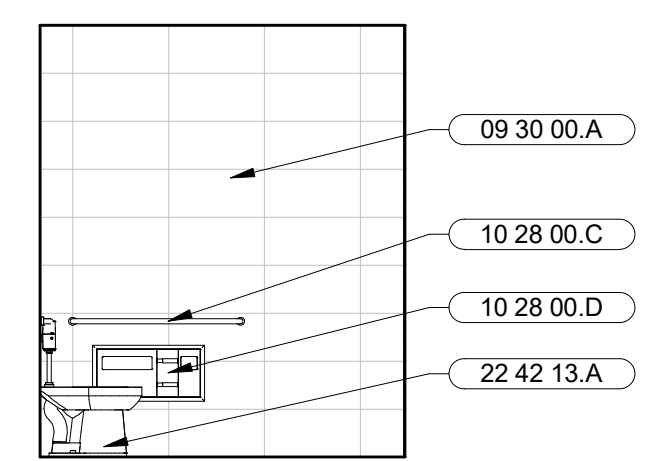
**12** ADA RESTROOM 112 - NORTH  
 SCALE: 1/4" = 1'-0"



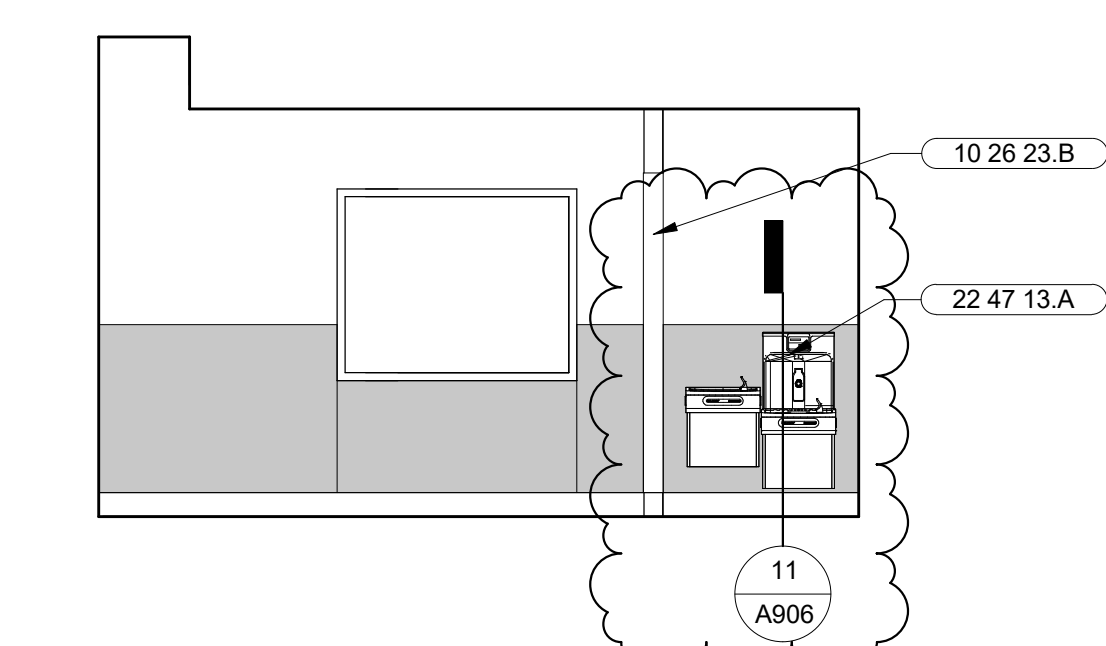
**11** ADA RESTROOM 112 - WEST  
 SCALE: 1/4" = 1'-0"



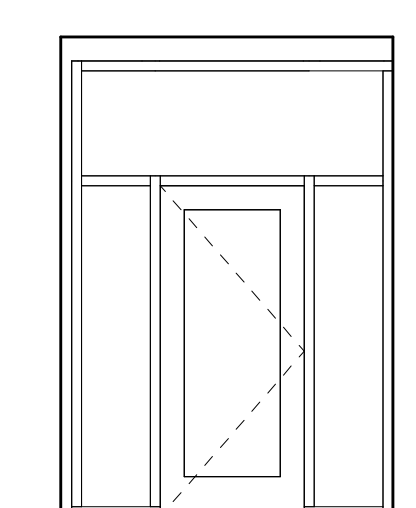
**10** ADA RESTROOM 112 - SOUTH  
 SCALE: 1/4" = 1'-0"



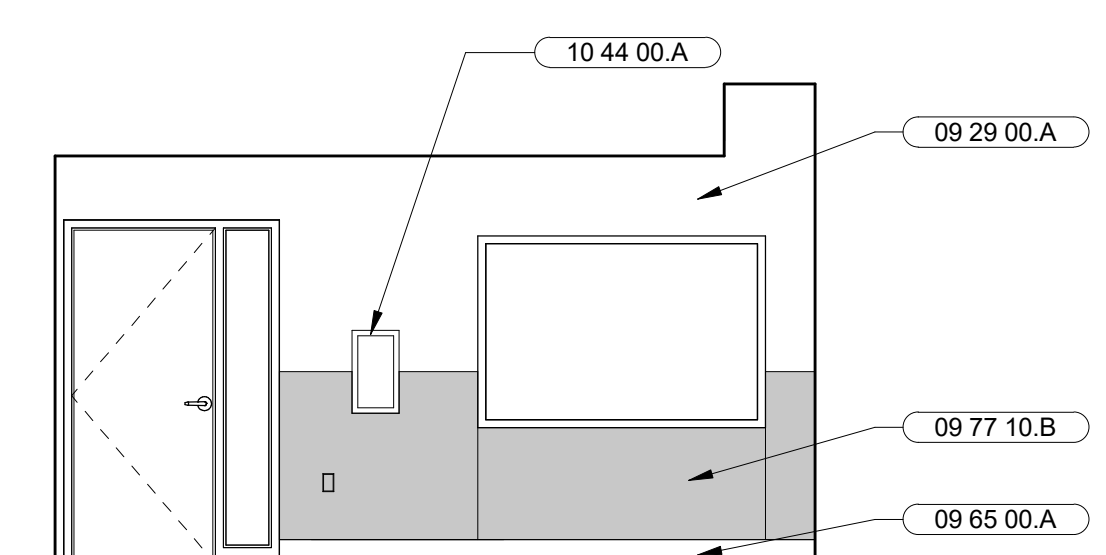
**9** ADA RESTROOM 112 - EAST  
 SCALE: 1/4" = 1'-0"



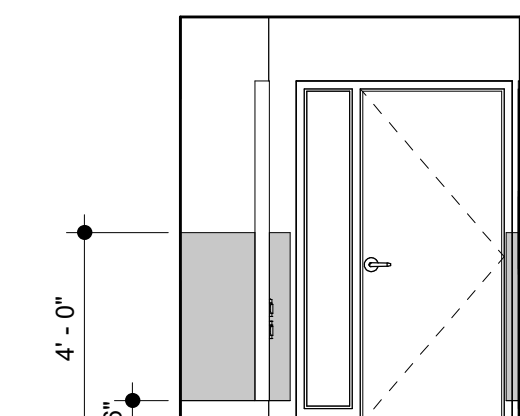
**8** LOBBY 105 - NORTH  
 SCALE: 1/4" = 1'-0"



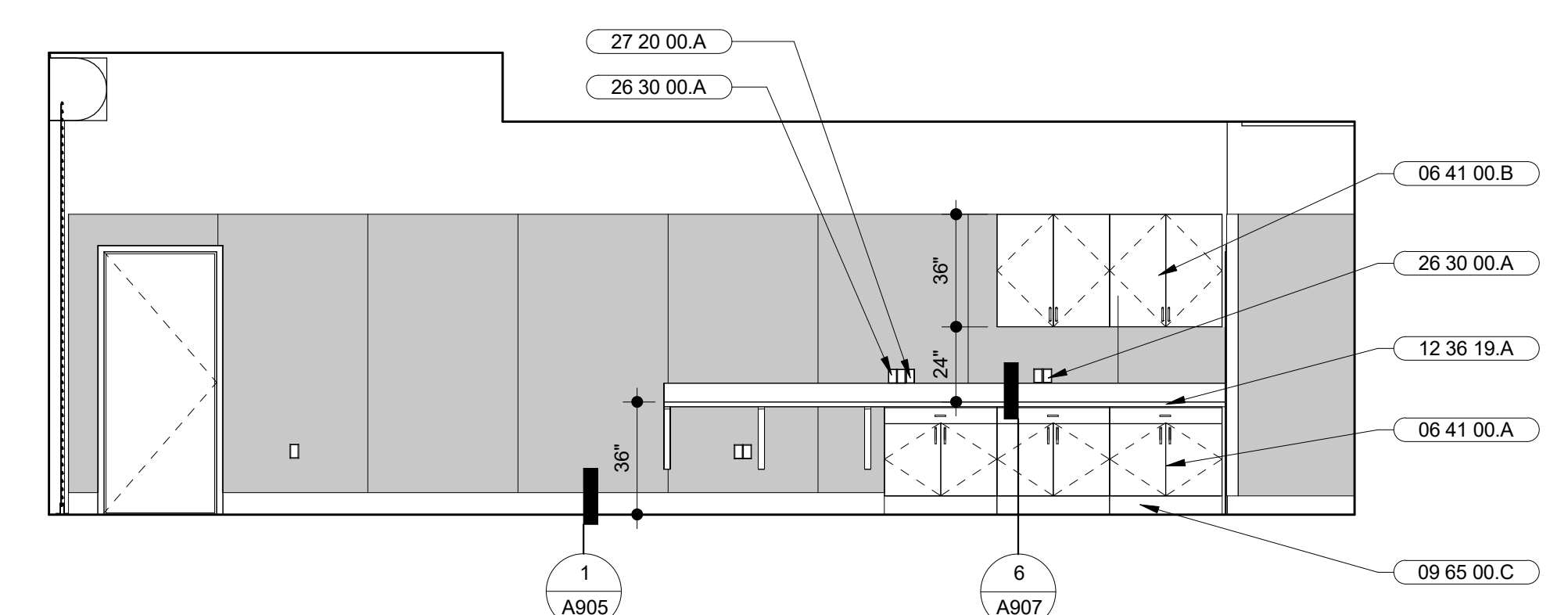
**7** LOBBY 105 - WEST  
 SCALE: 1/4" = 1'-0"



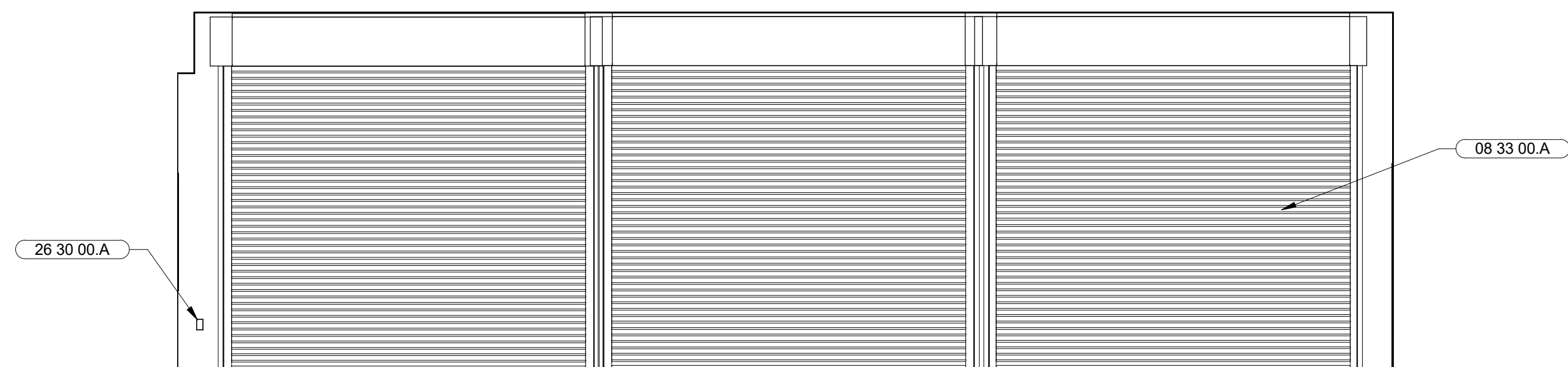
**6** LOBBY 105 - SOUTH  
 SCALE: 1/4" = 1'-0"



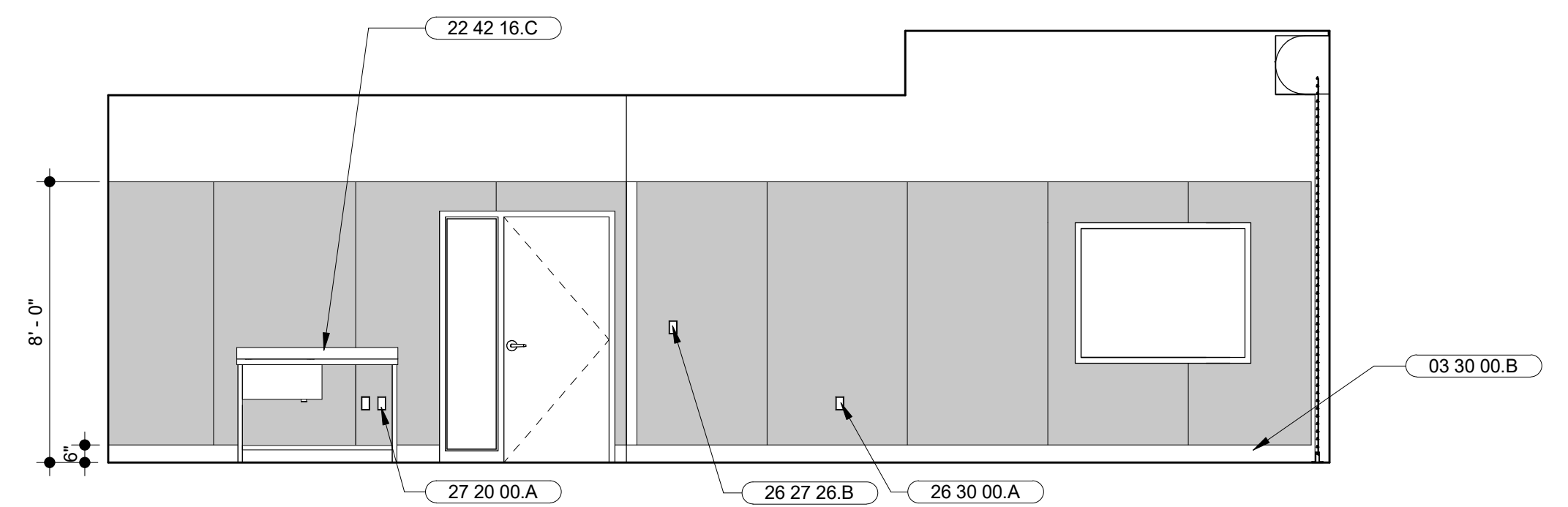
**5** LOBBY 105 - EAST  
 SCALE: 1/4" = 1'-0"



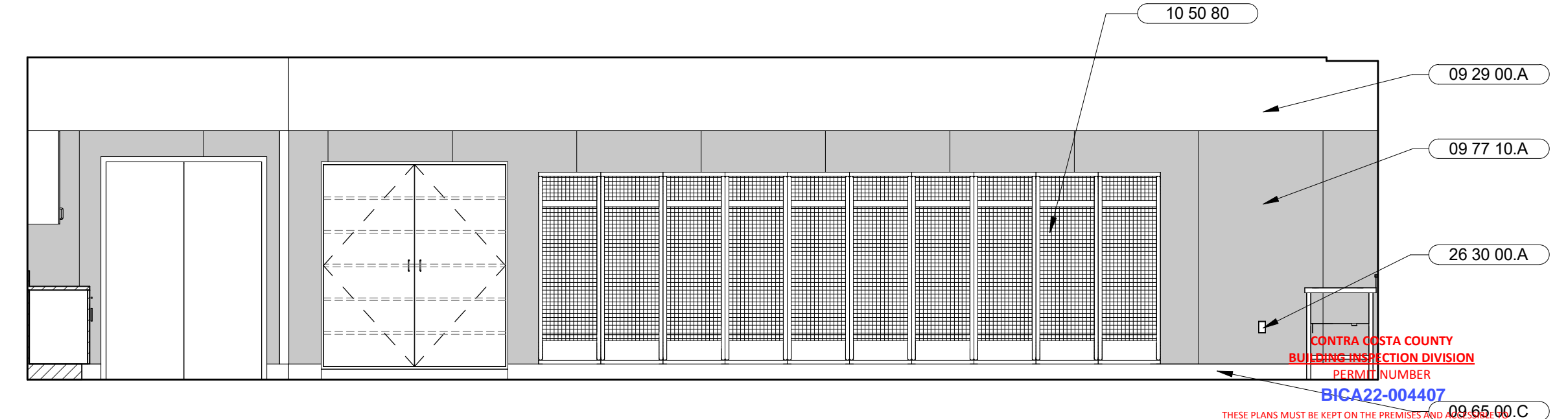
**4** APPARATUS BAY 104 - NORTH  
 SCALE: 1/4" = 1'-0"



**3** APPARATUS BAY 104 - WEST  
 SCALE: 1/4" = 1'-0"



**2** APPARATUS BAY 104 - SOUTH  
 SCALE: 1/4" = 1'-0"



**1** APPARATUS BAY 104 - EAST  
 SCALE: 1/4" = 1'-0"

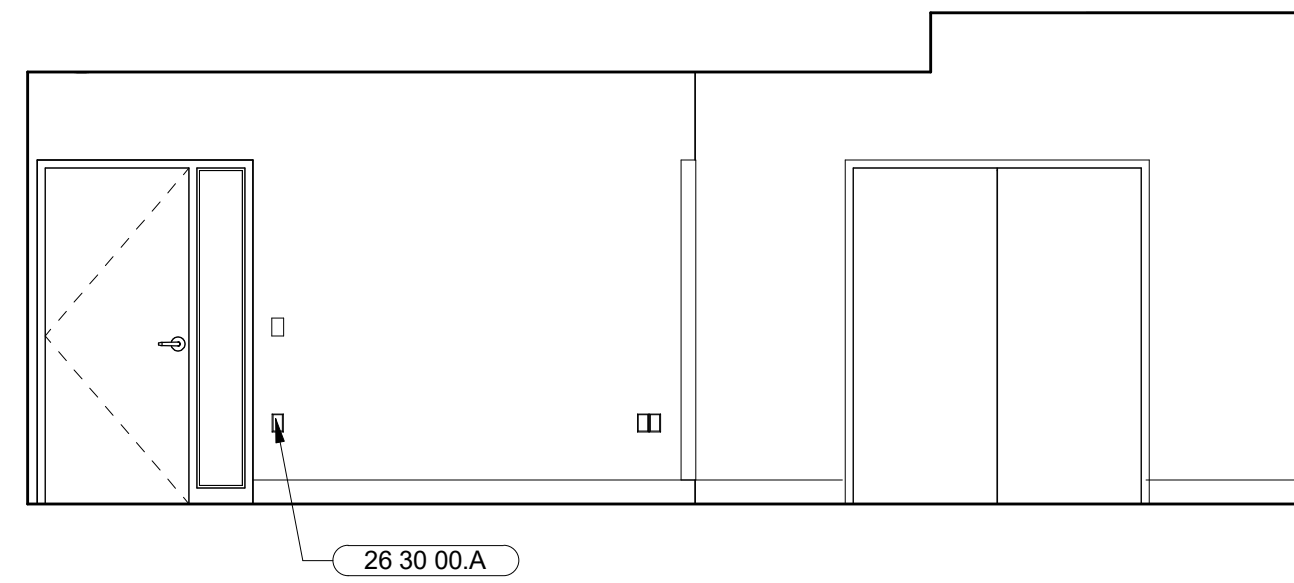
CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES FOR INSPECTORS AT ALL TIMES.  
 10:09 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

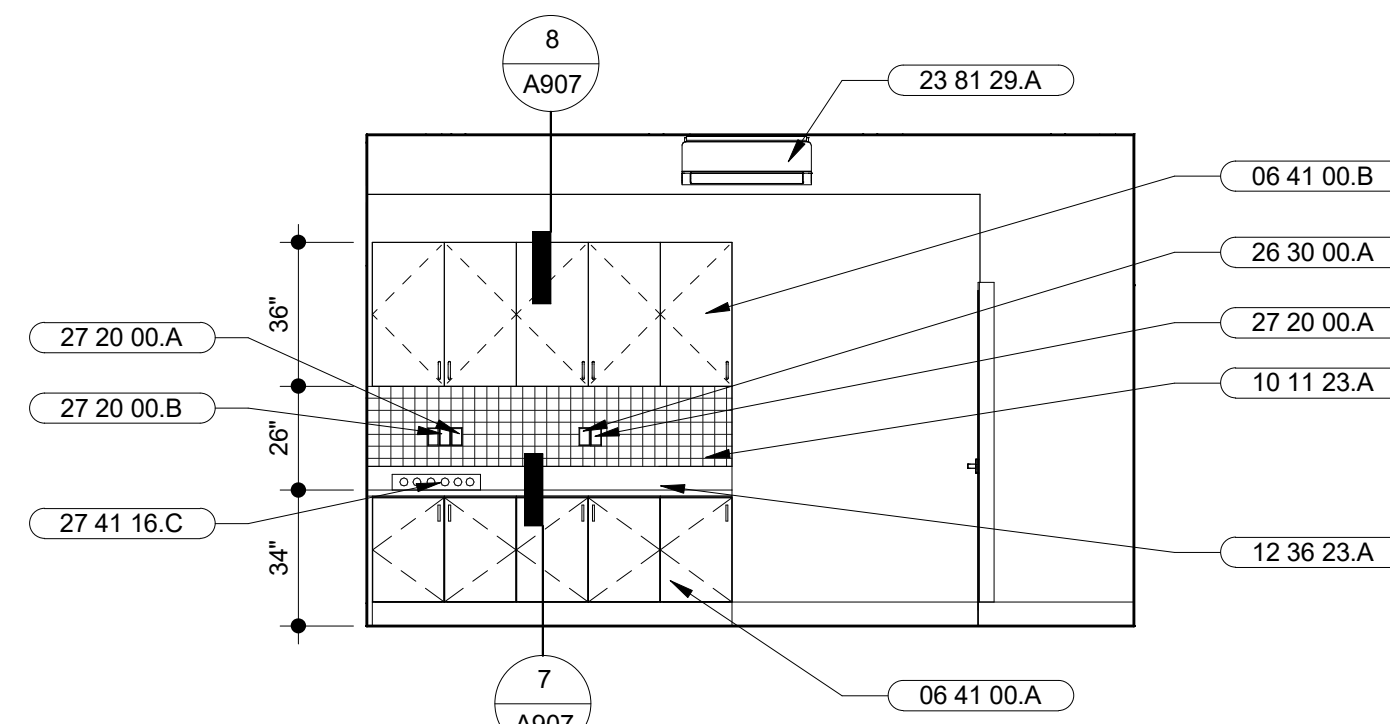
JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 ENLARGED PLAN & INTERIOR ELEVATIONS

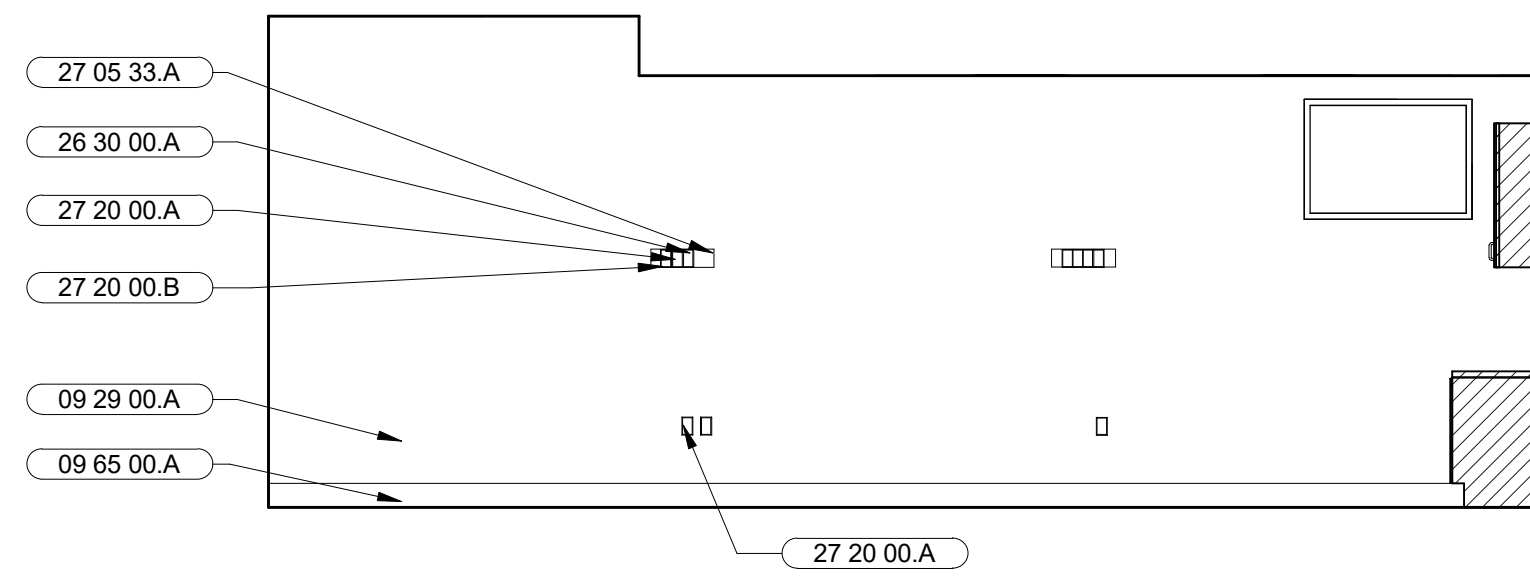




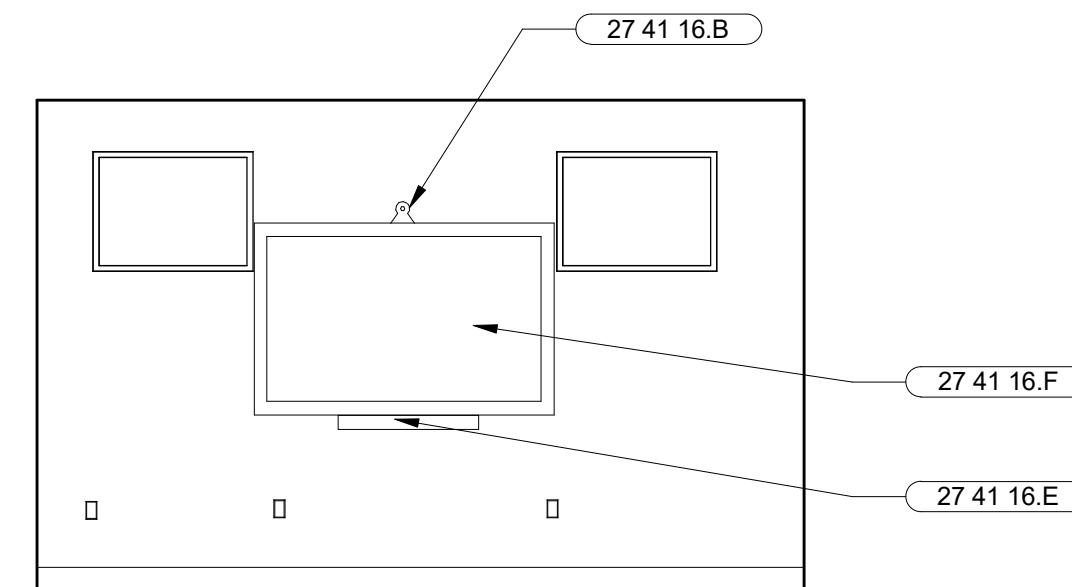
**12** MEETING/E.O.C. 111 - NORTH  
SCALE: 1/4" = 1'-0"



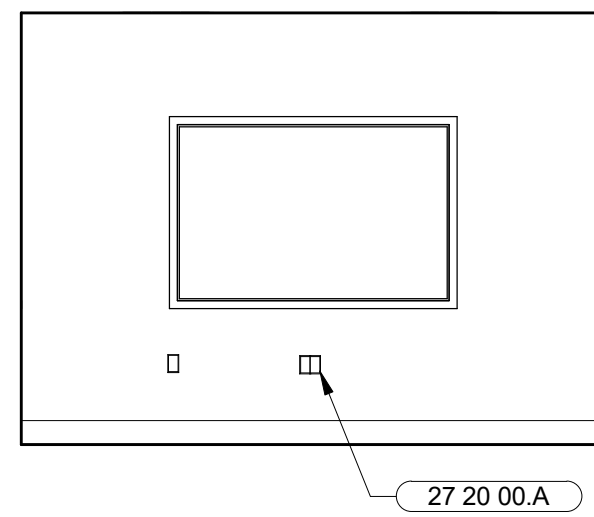
**11** MEETING 111 - WEST  
SCALE: 1/4" = 1'-0"



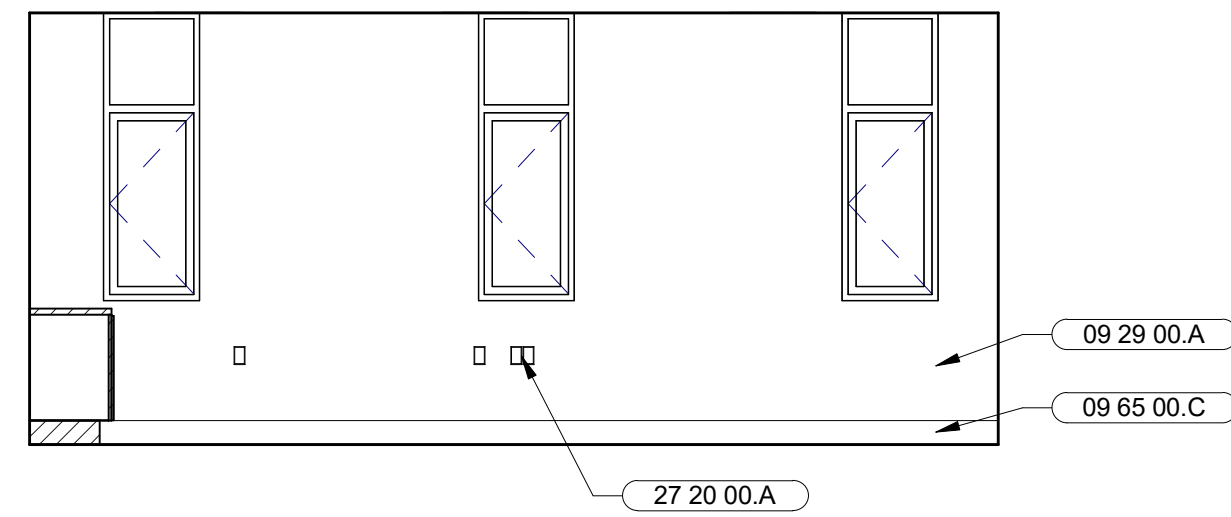
**10** MEETING 111 - SOUTH  
SCALE: 1/4" = 1'-0"



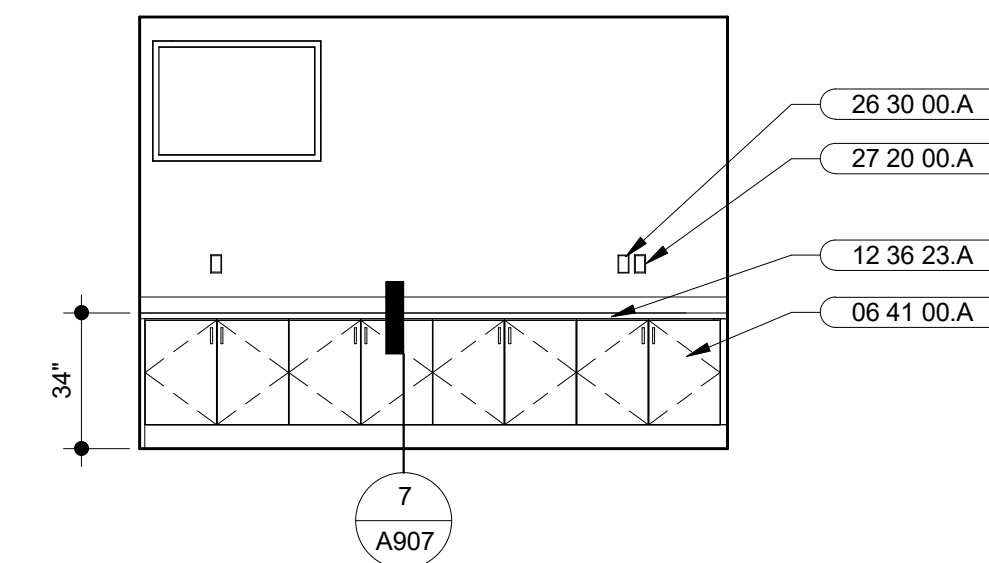
**9** MEETING 111 - EAST  
SCALE: 1/4" = 1'-0"



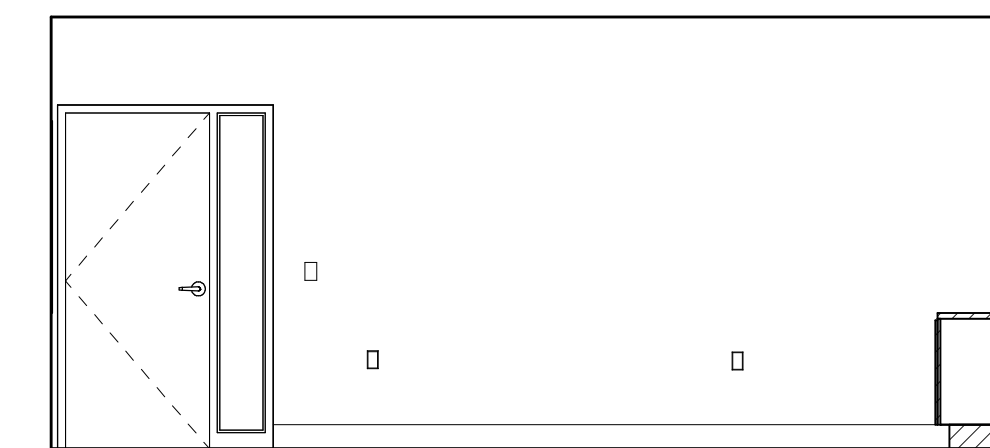
**8** ADMINISTRATION 110 - NORTH  
SCALE: 1/4" = 1'-0"



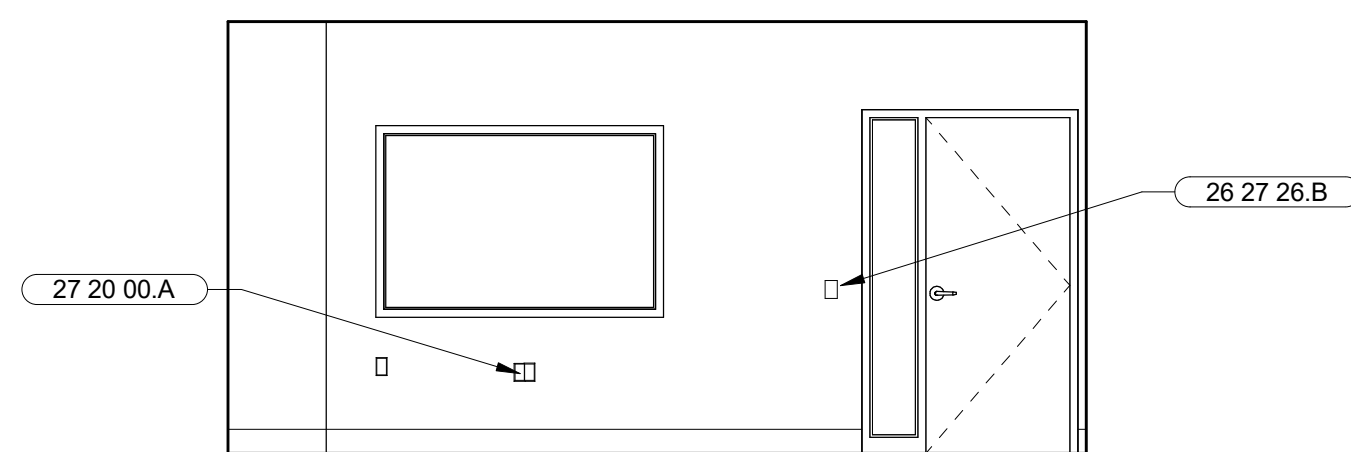
**7** ADMINISTRATION 110 - WEST  
SCALE: 1/4" = 1'-0"



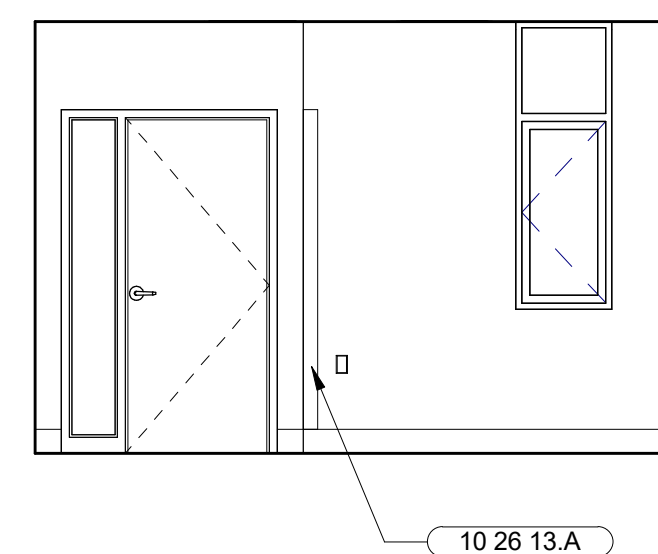
**6** ADMINISTRATION 110 - SOUTH  
SCALE: 1/4" = 1'-0"



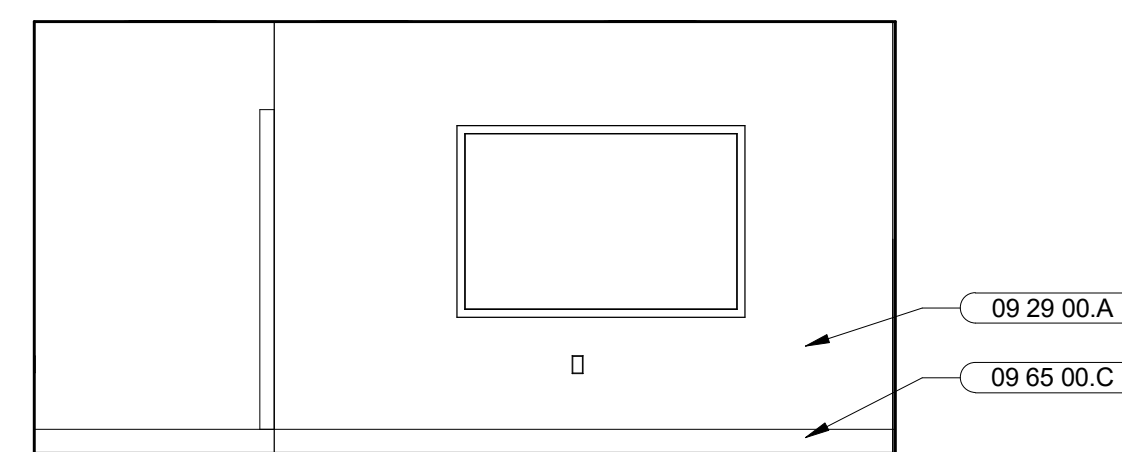
**5** ADMINISTRATION 110 - EAST  
SCALE: 1/4" = 1'-0"



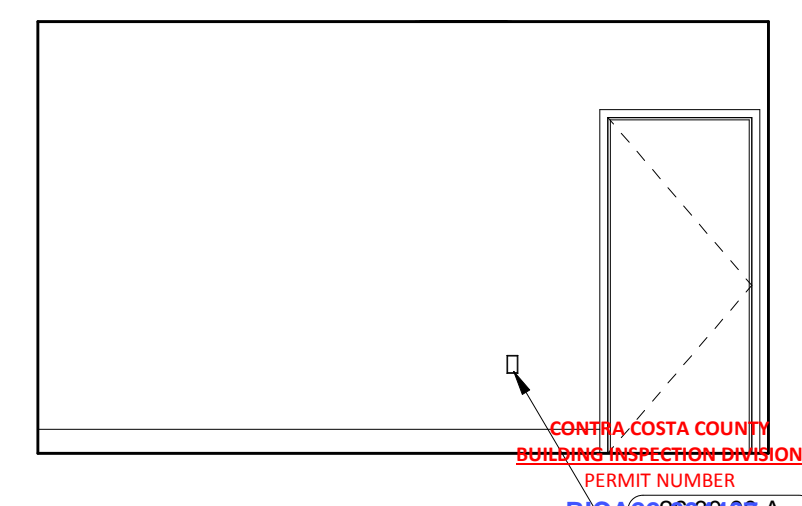
**4** STAFF 107 - NORTH  
SCALE: 1/4" = 1'-0"



**3** STAFF 107 - WEST  
SCALE: 1/4" = 1'-0"



**2** STAFF 107 - SOUTH  
SCALE: 1/4" = 1'-0"



**1** STAFF 107 - EAST  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N.
2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A014.
4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.
5. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.
6. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503
7. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.
8. FFE SHOWN FOR REFERENCE, OFCI

**KEYNOTES**

- 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
- 06 41 00.B UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
- 09 29 00.A GYPSUM BOARD
- 09 65 00.A VINYL COMPOSITION TILE (ANTI-STATIC)
- 09 65 00.C RUBBER BASE, ACCESSORIES AND ATTACHMENTS
- 10 11 23.A TACKBOARDS
- 12 36 23.A STAINLESS STEEL CORNER GUARD
- 23 81 29.A PLASTIC LAMINATE COUNTERTOPS
- 26 27 26.B VRF INDOOR WALL MOUNTED UNIT
- 26 30 00.A SWITCH, SEE ELECTRICAL DRAWINGS
- 27 05 33.A RECEPTACLE, SEE ELECTRICAL DRAWINGS
- 27 20 00.A FLAT PANEL WALL BOX ROUGH-IN CONNECTION, SEE AUDIO/VISUAL DRAWINGS
- 27 20 00.A NETWORK DATA/VOICE DEVICE PLATE, SEE COMMUNICATION DRAWINGS
- 27 20 00.B BROADBAND VIDEO DEVICE PLATE, SEE COMMUNICATION DRAWINGS
- 27 41 16.B CONFERENCE CAMERA, SEE AUDIO/VISUAL DRAWINGS
- 27 41 16.C AV CONTROL BUTTON PANEL, SEE AUDIO/VISUAL DRAWINGS
- 27 41 16.E LOUD SPEAKER SOUNDBAR, SEE AUDIO/VISUAL DRAWINGS
- 27 41 16.F FLAT PANEL DISPLAY, SEE AUDIO/VISUAL DRAWINGS

**MARJANG ARCHITECTURE**

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

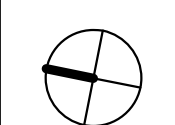
PROJECT TEAM

- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064
- ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600
- STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869
- CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200
- GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544
- MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 95940  
CONTACT: RON BLUE  
T: (831) 373-4390
- AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140
- ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS



**A605**

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BIC-A22860000 A  
10:09 am, Aug 05, 2022  
REVIEWED  
IN ACCORDANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
By: ROSALINA ACUFF

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707  
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930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
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SAN CARLOS, CA 94070  
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CONTACT: CATHERINE ELLIS  
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MONTEREY, CA 93940  
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SAN FRANCISCO, CA 94103  
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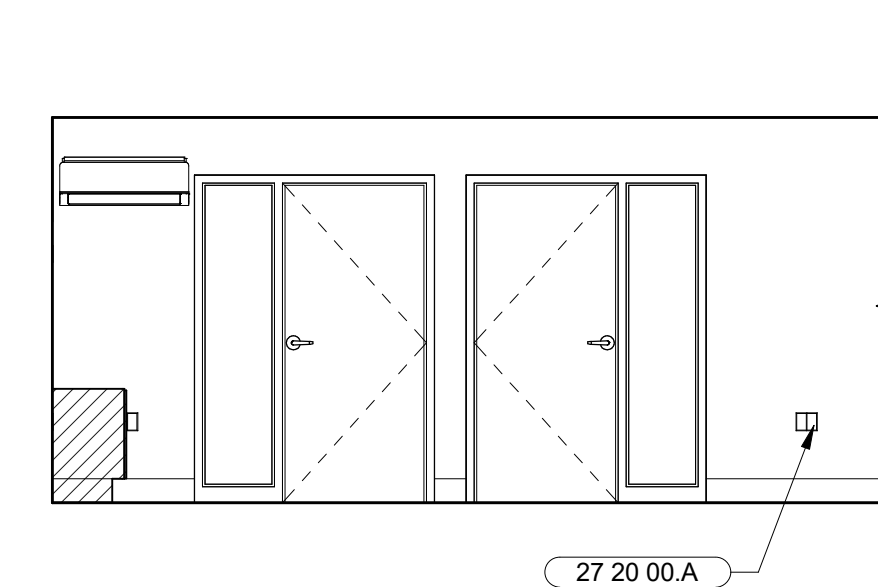
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

**SHEET NOTES**

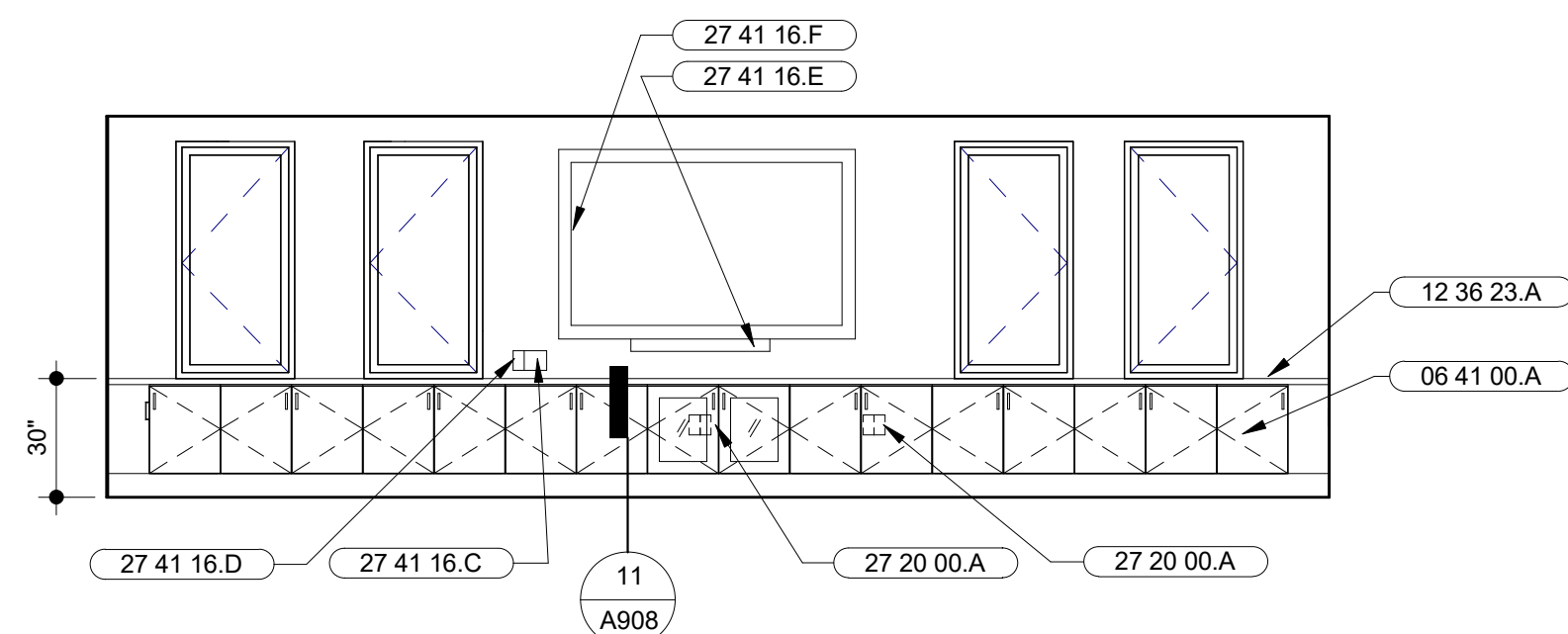
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- ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
- FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A014.
- PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.
- CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.
- REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503
- VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.
- FFE SHOWN FOR REFERENCE, OFCI

**KEYNOTES**

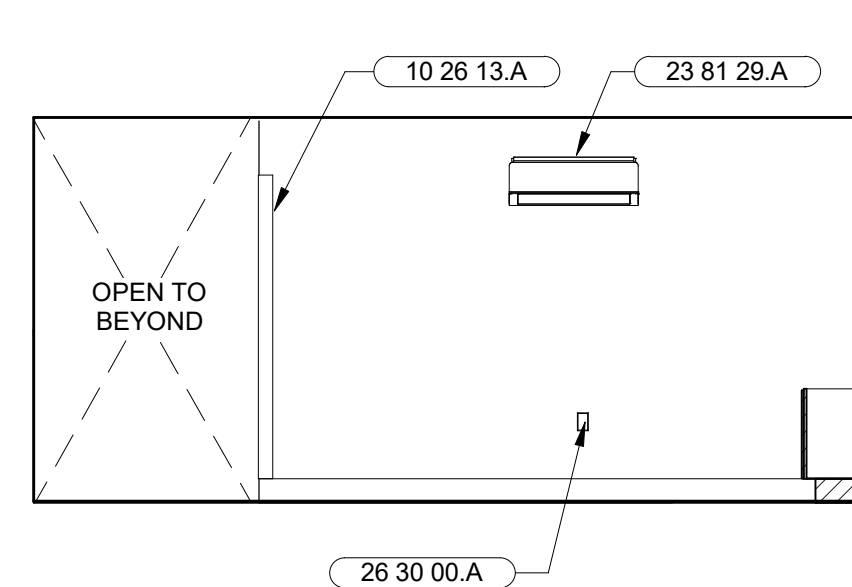
- 06 41 00.A BASE CABINETS, DOORS, DRAWERS, AND ADJUSTABLE SHELVES
- 06 41 00.B UPPER CABINETS, DOORS, AND ADJUSTABLE SHELVES
- 06 41 00.C FULL HEIGHT CABINETS, LOCKABLE DOORS AND ADJUSTABLE SHELVES
- 06 41 00.F MATCHING CASEWORK WALL PANEL AT ISLAND PLUMBING WALL
- 09 29 00.A GYPSUM BOARD
- 09 65 00.C RUBBER BASE, ACCESSORIES AND ATTACHMENTS
- 10 26 13.A STAINLESS STEEL CORNER GUARD
- 10 26 23.B STAINLESS STEEL U-GUARD
- 11 30 13.C EXHAUST HOOD OVER RANGE
- 11 30 13.D DISHWASHER
- 11 30 13.E REFRIGERATOR WITH WATER AND ICE DISPENSER
- 11 30 13.F REFRIGERATOR
- 11 30 13.J MICROWAVE
- 11 30 13.K INDUCTION AND CONVECTION RANGE
- 11 30 13.L ICE MAKER
- 12 36 16.A METAL COUNTERTOPS
- 12 36 16.B METAL COUNTERTOPS WITH INTEGRATED BACKSPLASH
- 12 36 23.A PLASTIC LAMINATE COUNTERTOPS
- 14 42 00.A ADA ACCESSIBLE WHEELCHAIR LIFT
- 22 41 16.B ADA KITCHEN SINK, SEE PLUMBING DRAWINGS
- 22 42 39.A KITCHEN FAUCET, SEE PLUMBING DRAWINGS
- 23 81 29.A VRF INDOOR WALL MOUNTED UNIT
- 26 27 26.B SWITCH, SEE ELECTRICAL DRAWINGS
- 26 30 00.A RECEPTACLE, SEE ELECTRICAL DRAWINGS
- 27 20 00.A NETWORK DATA/VOICE DEVICE PLATE, SEE COMMUNICATION DRAWINGS
- 27 41 16.C A/V CONTROL BUTTON PANEL, SEE AUDIO/VISUAL DRAWINGS
- 27 41 16.D WALL PLATE PRESENTER INPUT, SEE AUDIO/VISUAL DRAWINGS
- 27 41 16.E LOUD SPEAKER SOUNDBAR, SEE AUDIO/VISUAL DRAWINGS
- 27 41 16.F FLAT PANEL DISPLAY, SEE AUDIO/VISUAL DRAWINGS



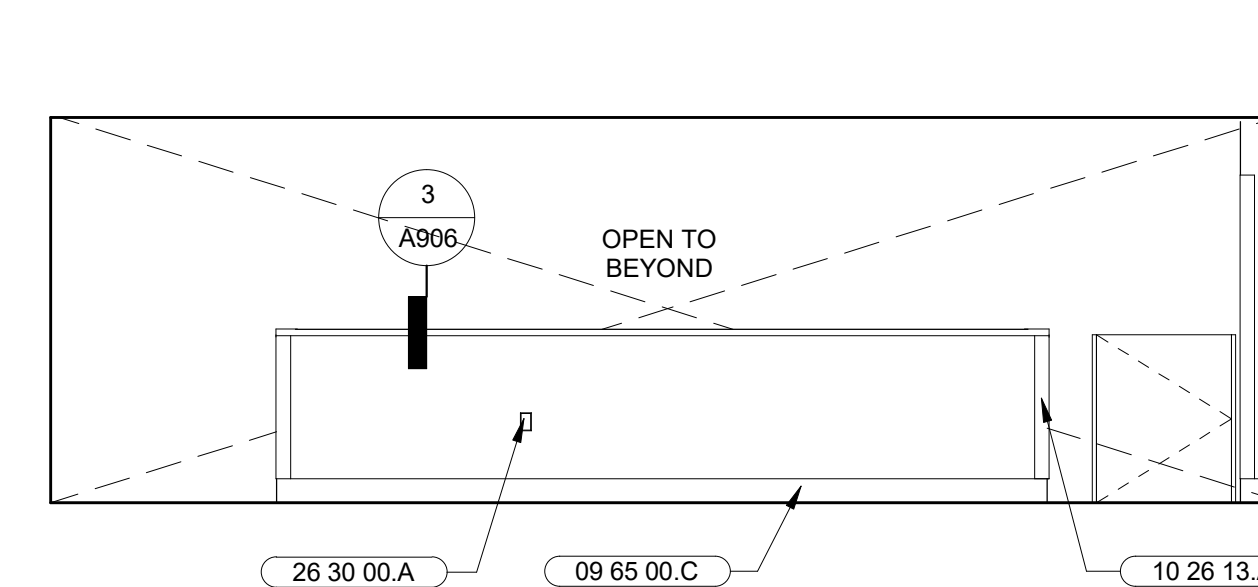
**12** DAYROOM 207 - NORTH  
SCALE: 1/4" = 1'-0"



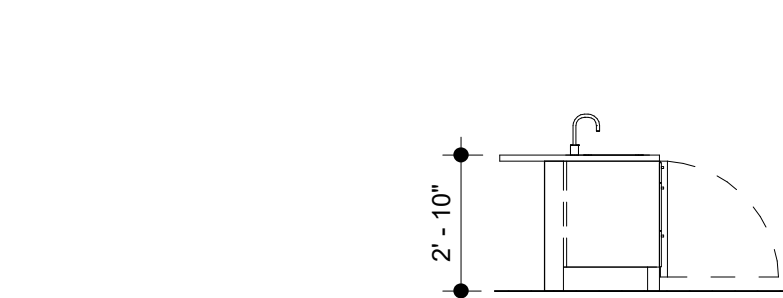
**11** DAYROOM 207 - WEST  
SCALE: 1/4" = 1'-0"



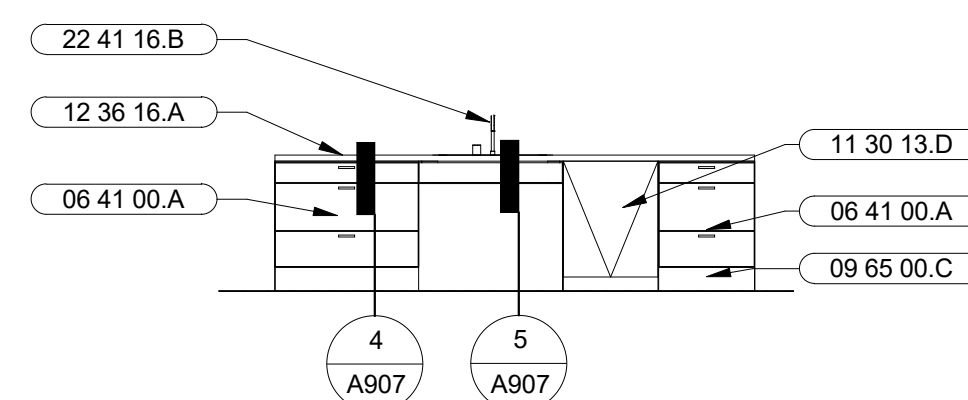
**10** DAYROOM 207 - SOUTH  
SCALE: 1/4" = 1'-0"



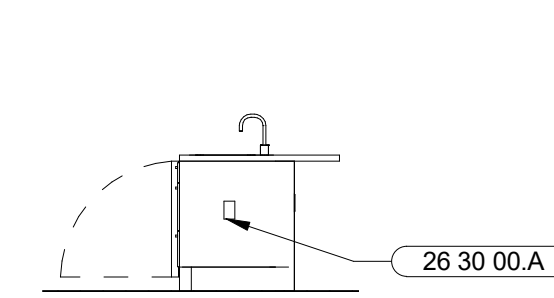
**9** DAYROOM 207 - EAST  
SCALE: 1/4" = 1'-0"



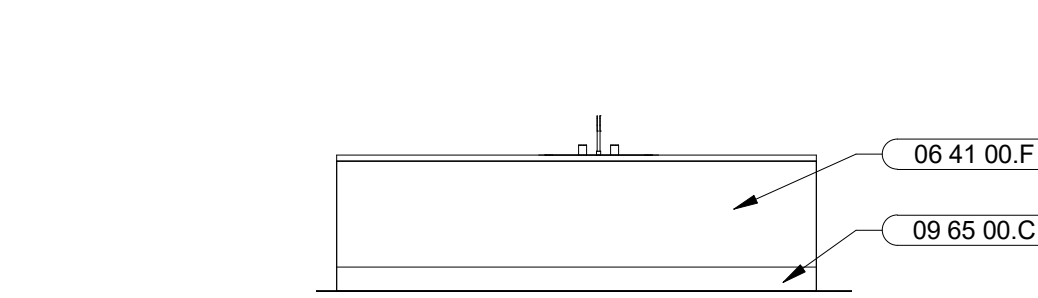
**8** KITCHEN/DINING 206 - ISLAND NORTH  
SCALE: 1/4" = 1'-0"



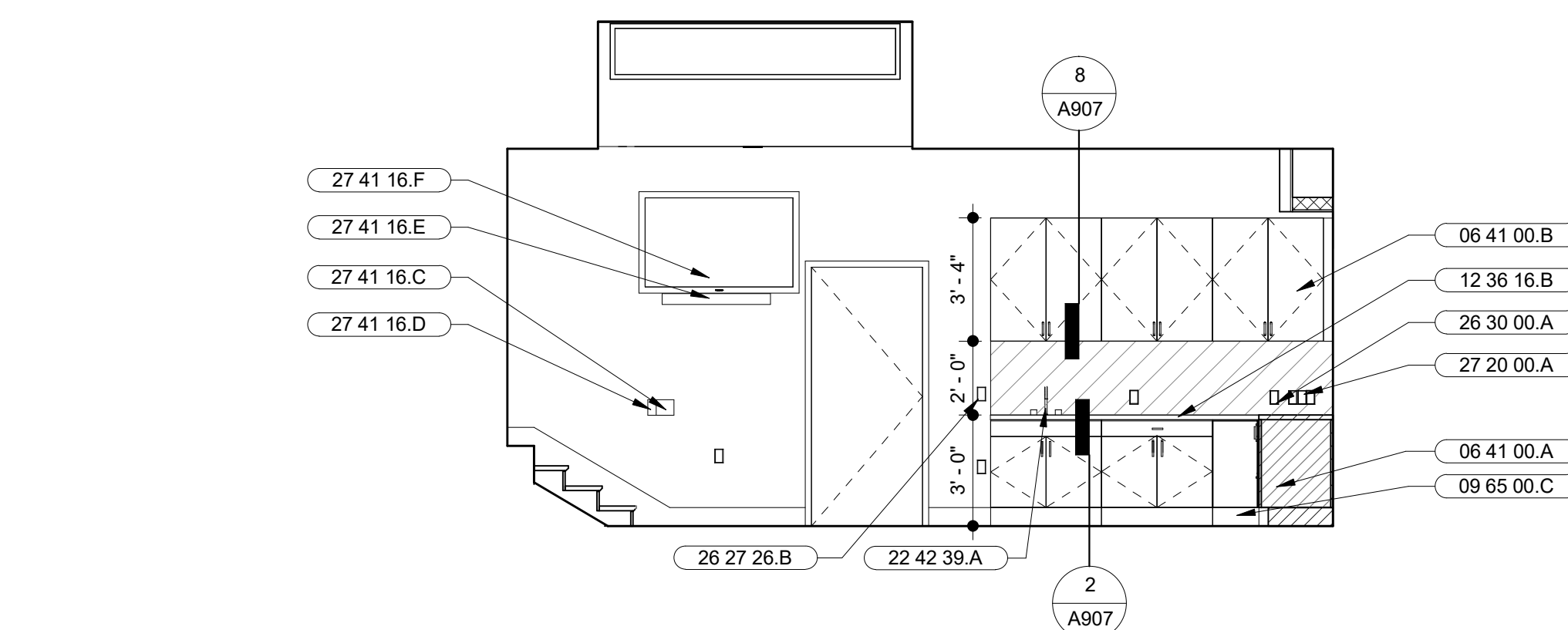
**7** KITCHEN/DINING 206 - ISLAND WEST  
SCALE: 1/4" = 1'-0"



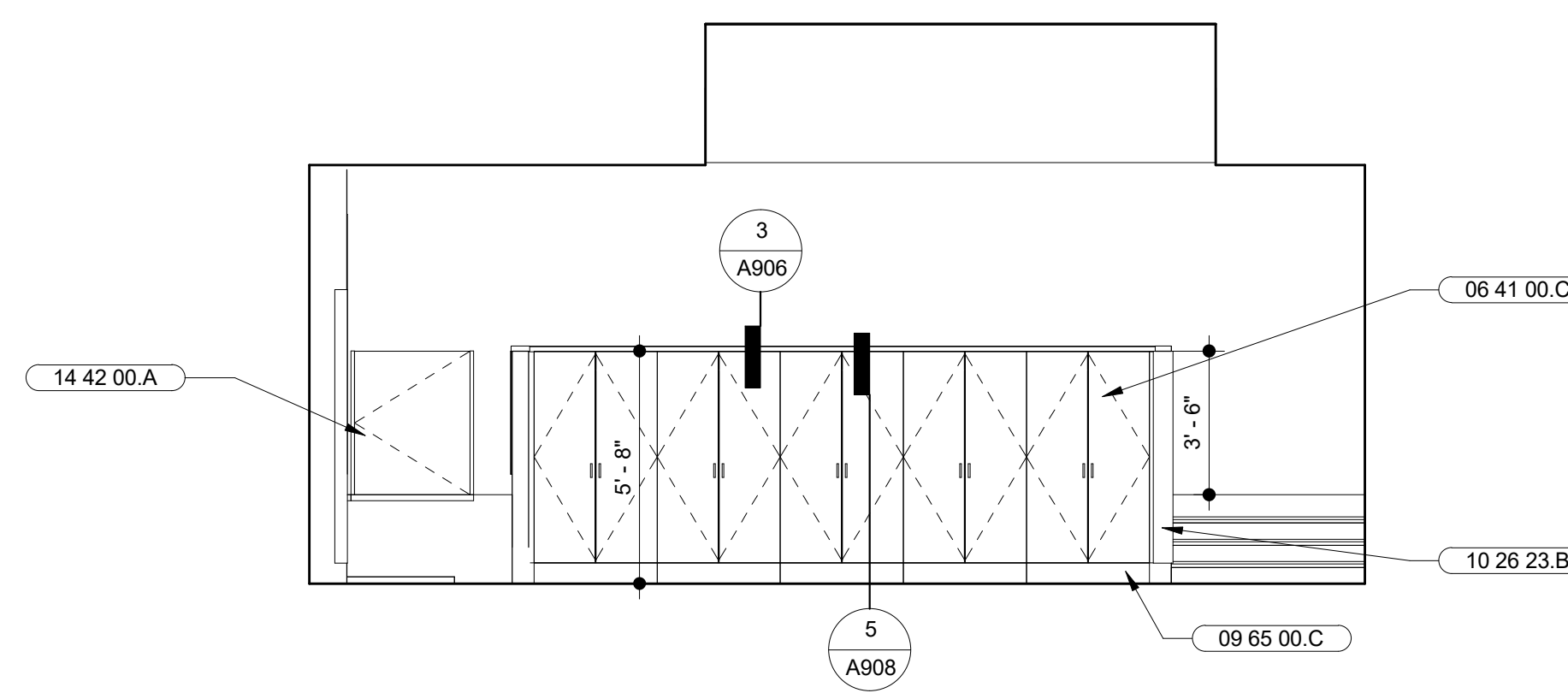
**6** KITCHEN/DINING 206 - ISLAND SOUTH  
SCALE: 1/4" = 1'-0"



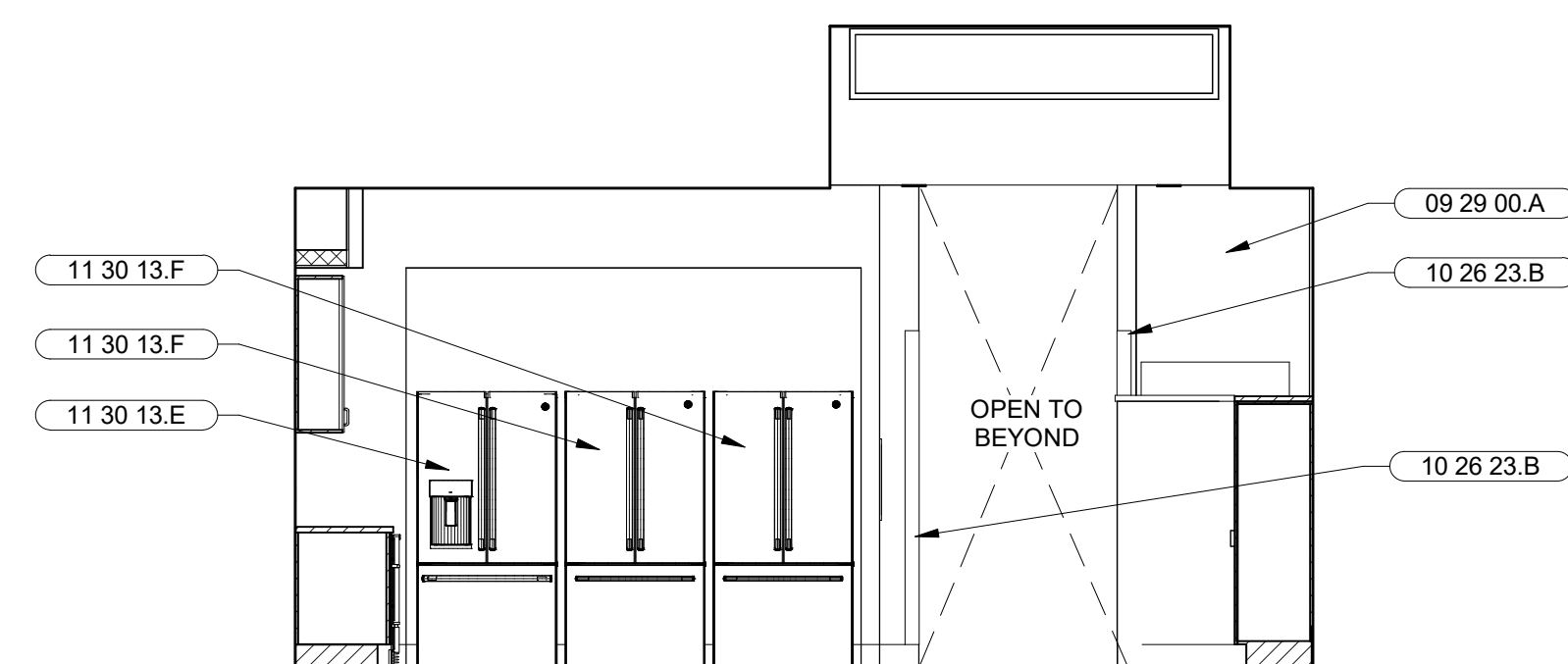
**5** KITCHEN/DINING 206 - ISLAND EAST  
SCALE: 1/4" = 1'-0"



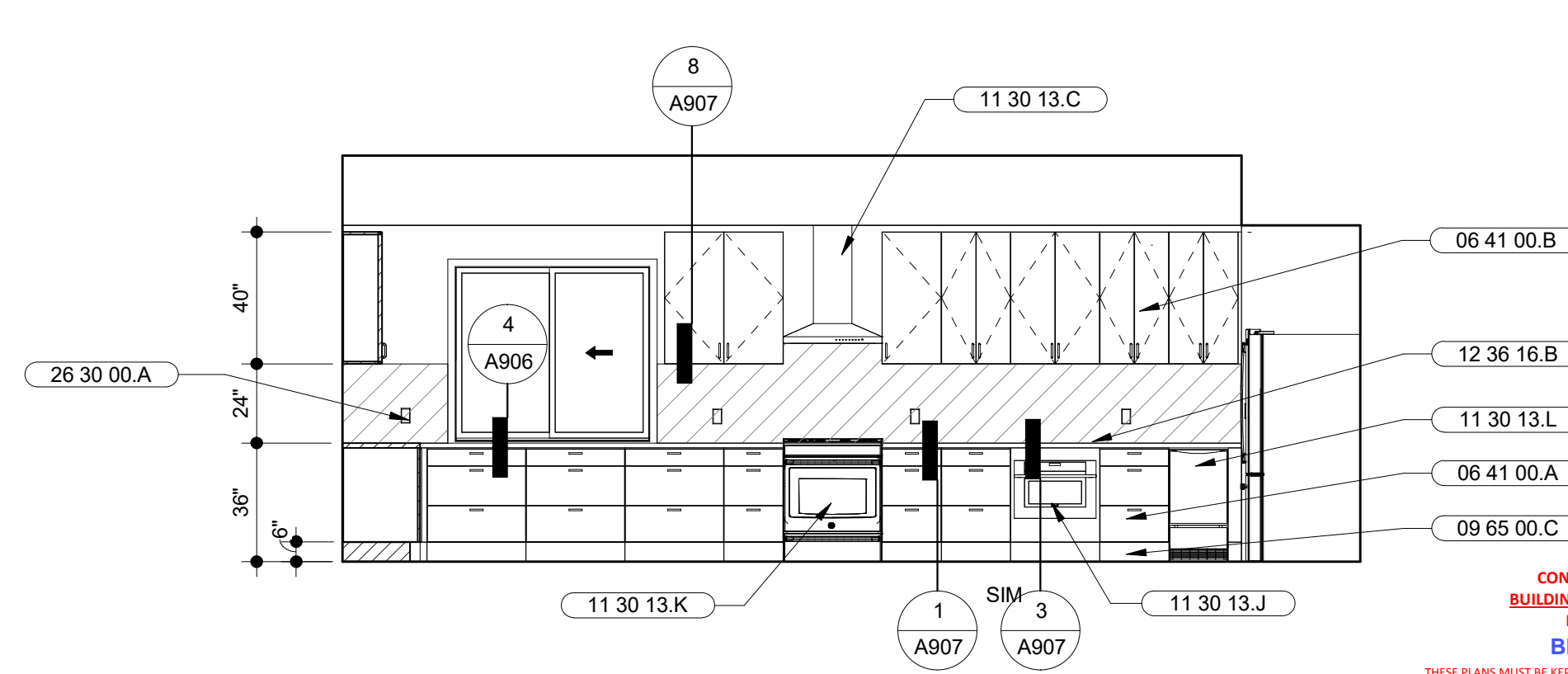
**4** KITCHEN/DINING 206 - NORTH  
SCALE: 1/4" = 1'-0"



**3** KITCHEN/DINING 206 - WEST  
SCALE: 1/4" = 1'-0"



**2** KITCHEN/DINING 206 - SOUTH  
SCALE: 1/4" = 1'-0"



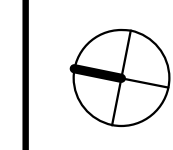
**1** KITCHEN/DINING 206 - EAST  
SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BICA22-004407  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
10:09 am, Aug 05, 2022  
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By: ROSALINA ACUFF

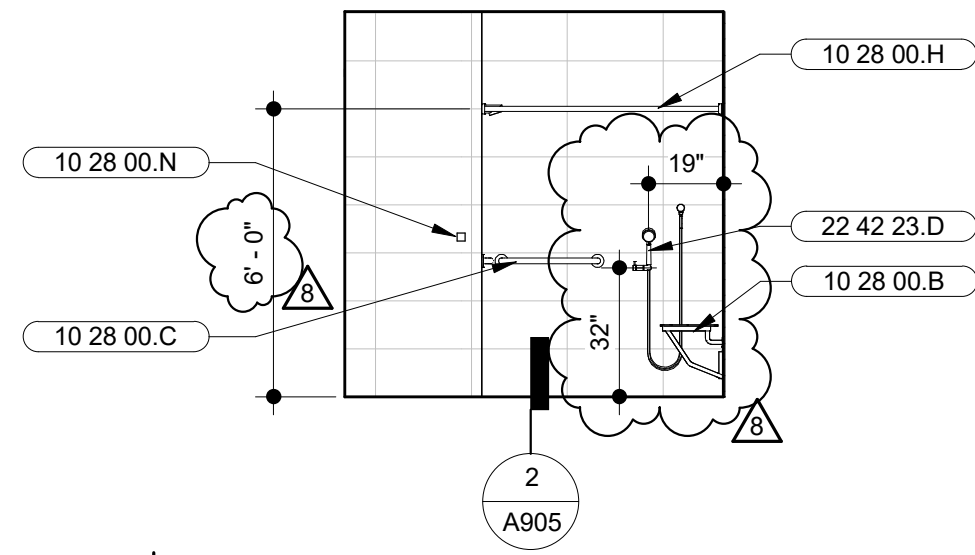
NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

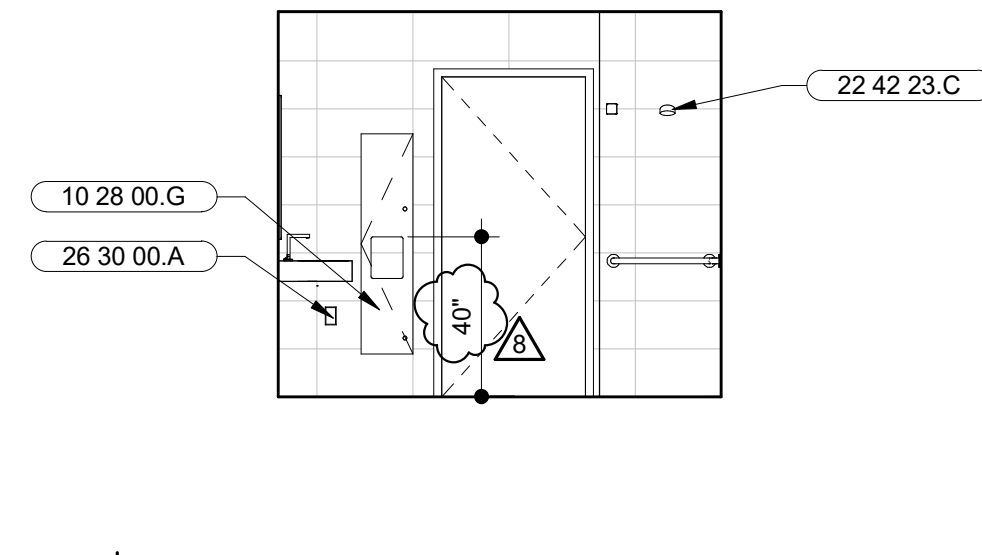
DESCRIPTION ENLARGED PLAN & INTERIOR ELEVATIONS



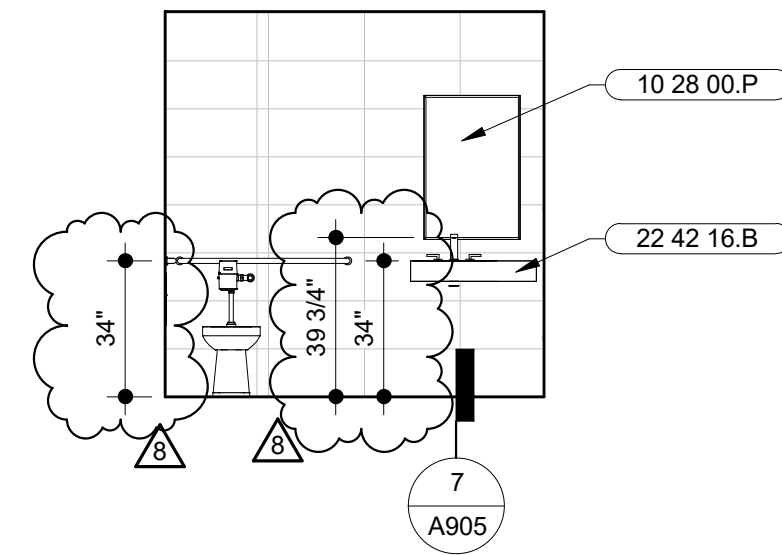
**A606**



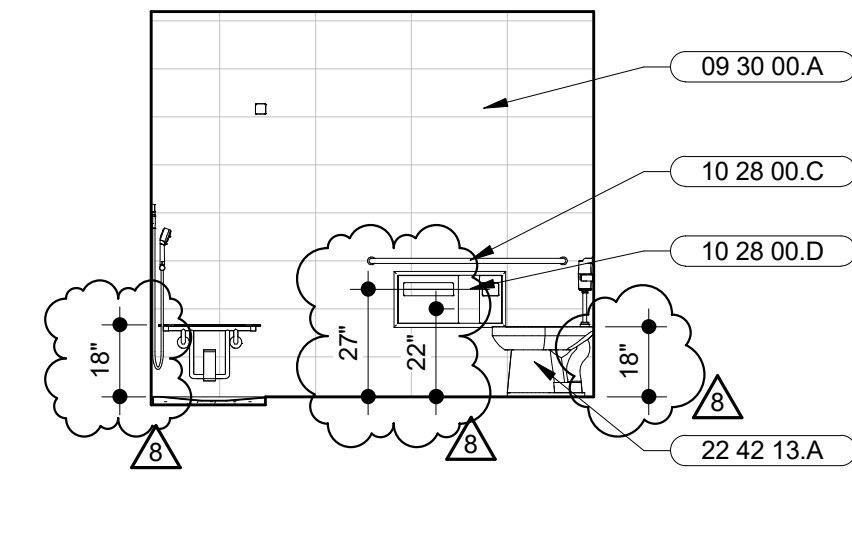
**16** ADA BATH 2 216 - NORTH  
SCALE: 1/4" = 1'-0"



**15** ADA BATH 2 216 - WEST  
SCALE: 1/4" = 1'-0"



**14** ADA BATH 2 216 - SOUTH  
SCALE: 1/4" = 1'-0"



**13** ADA BATH 2 216 - EAST  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N.
2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A014.
4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.
5. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.
6. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503
7. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.
8. FFE SHOWN FOR REFERENCE, OFCI

**MARJANG ARCHITECTURE**

STAMP



PROJECT ADDRESS

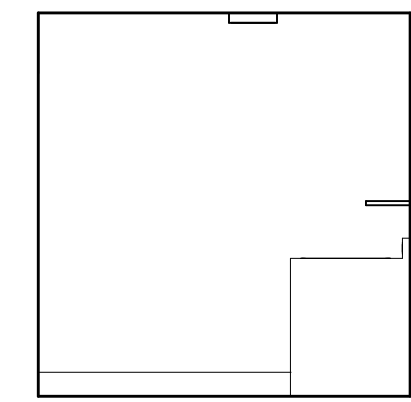
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

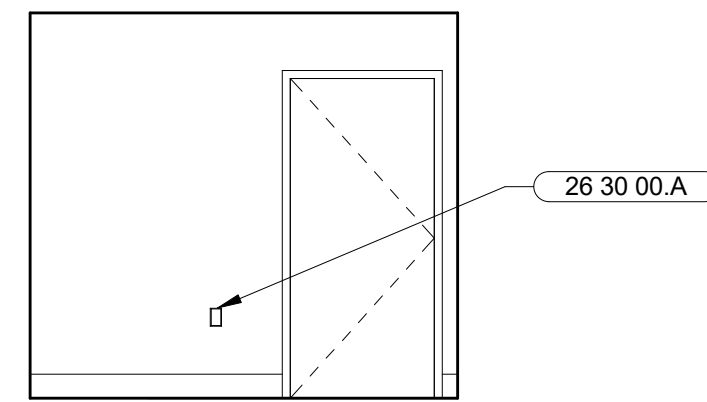
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064
- ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600
- STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869
- CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200
- GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544
- MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 95940  
CONTACT: RON BLUE  
T: (831) 373-4390
- AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140
- ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

**KEYNOTES**

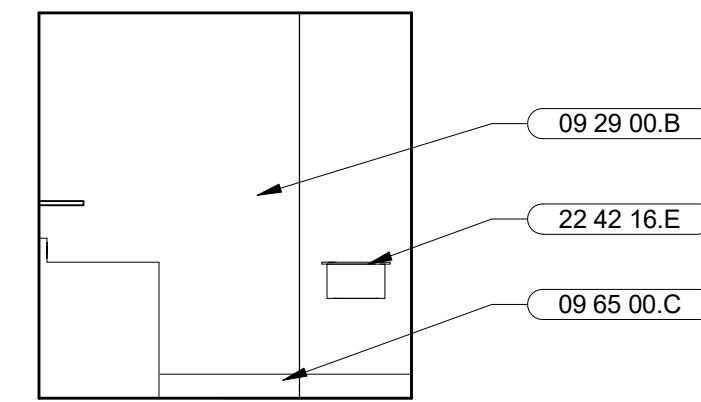
- 09 29 00.A GYPSUM BOARD
- 09 29 00.B MOISTURE RESISTANT GYPSUM BOARD
- 09 30 00.A WALL TILE
- 09 65 00.C RUBBER BASE, ACCESSORIES AND ATTACHMENTS
- 10 28 00.H ADA SHOWER SEAT
- 10 28 00.C ADA GRAB BARS
- 10 28 00.D TOILET PAPER AND SEAT COVER DISPENSER, WASTE DISPOSAL COMBO
- 10 28 00.G PAPER TOWEL DISPENSER AND WASTE BASKET COMBO
- 10 28 00.H SHOWER ROD
- 10 28 00.N COAT HOOK
- 10 28 00.P RECESSED MEDICINE CABINET
- 10 56 13 CANTILEVER METAL STORAGE SHELVES
- 11 30 13.G WASHER
- 11 30 13.H DRYER
- 22 42 13.A ADA TOILET FLOOR MOUNT, SEE PLUMBING DRAWINGS
- 22 42 16.B LAVATORY WALL MOUNTED, SEE PLUMBING DRAWINGS
- 22 42 16.E UTILITY SINK, SEE PLUMBING DRAWINGS
- 22 42 23.C SHOWER HEAD, SEE PLUMBING DRAWINGS
- 22 42 23.D ADA HANDHELD SHOWER, SEE PLUMBING DRAWINGS
- 23 81 29.A VRF INDOOR WALL MOUNTED UNIT
- 26 30 00.A RECEPTACLE, SEE ELECTRICAL DRAWINGS
- 27 20 00.A NETWORK DATA/VOICE DEVICE PLATE, SEE COMMUNICATION DRAWINGS



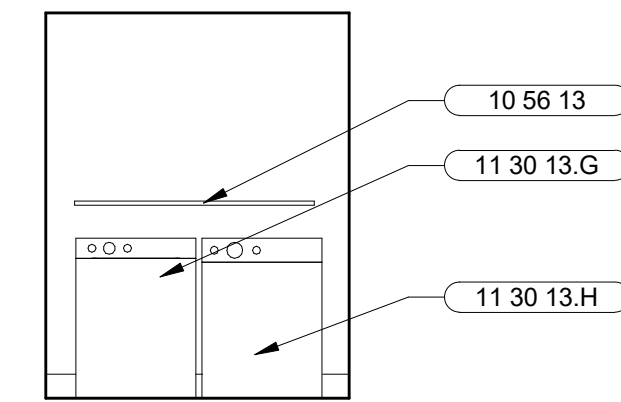
**12** LAUNDRY 215 - NORTH  
SCALE: 1/4" = 1'-0"



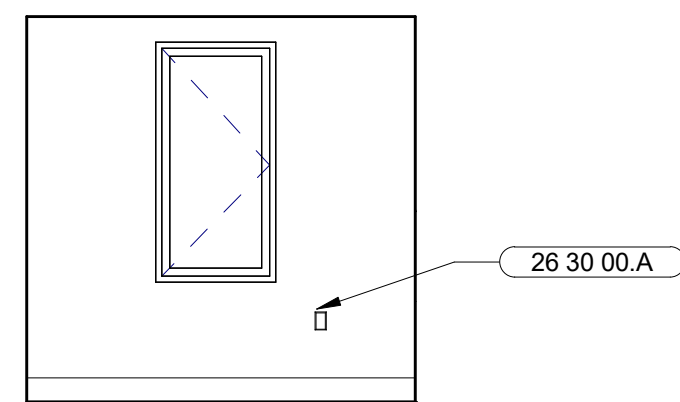
**11** LAUNDRY 215 - WEST  
SCALE: 1/4" = 1'-0"



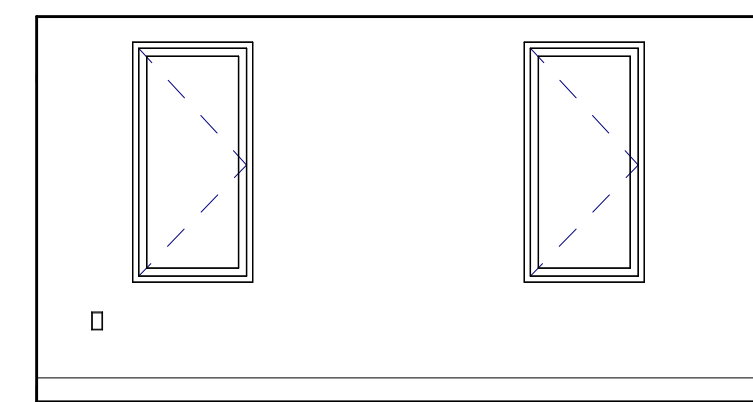
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SCALE: 1/4" = 1'-0"



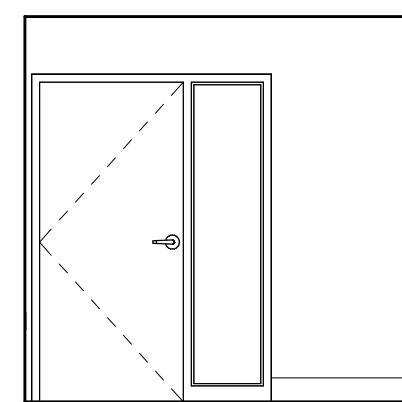
**9** LAUNDRY 215 - EAST  
SCALE: 1/4" = 1'-0"



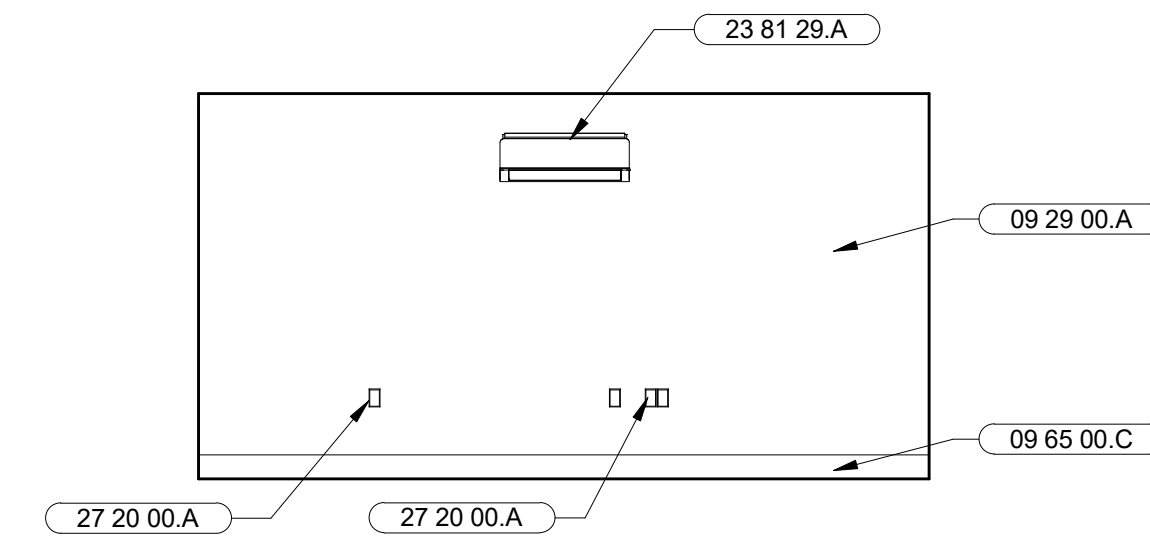
**8** CAPTAINS OFFICE 205 - NORTH  
SCALE: 1/4" = 1'-0"



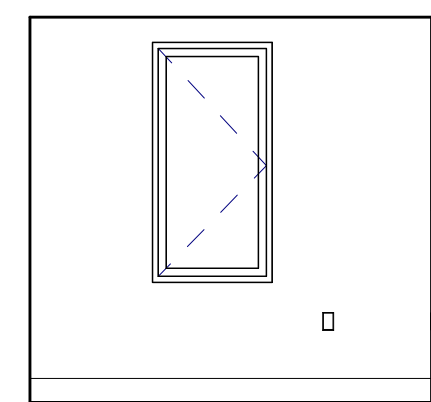
**7** CAPTAINS OFFICE 205 - WEST  
SCALE: 1/4" = 1'-0"



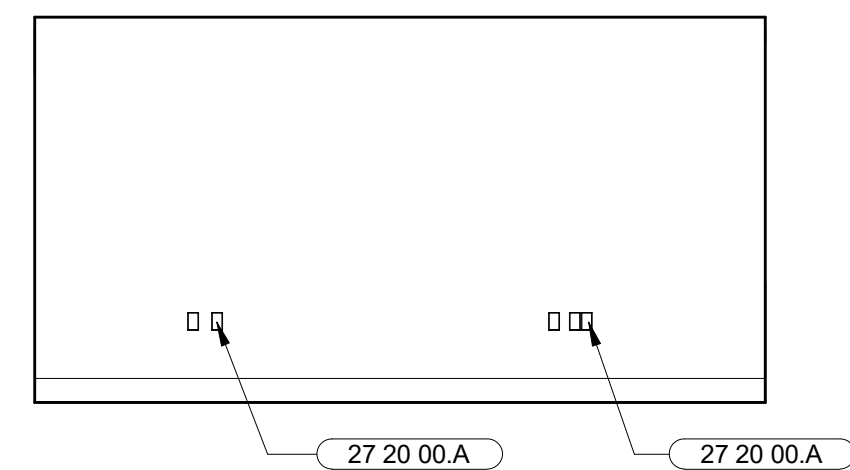
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SCALE: 1/4" = 1'-0"



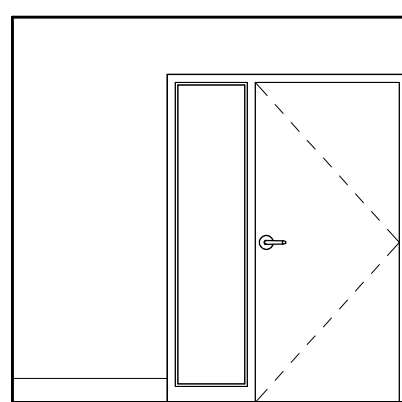
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SCALE: 1/4" = 1'-0"



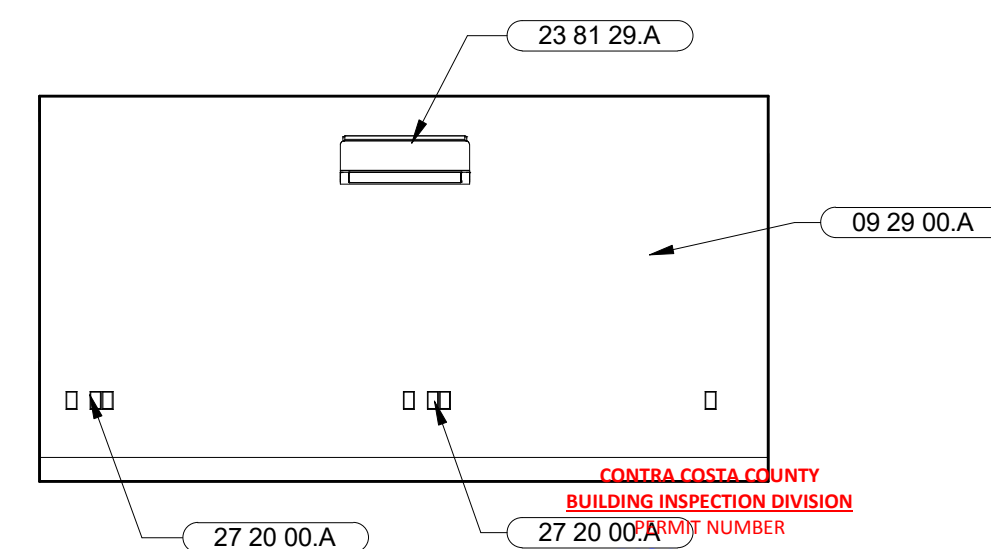
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SCALE: 1/4" = 1'-0"



**3** OFFICE 1 204 - WEST  
SCALE: 1/4" = 1'-0"



**2** OFFICE 1 204 - SOUTH  
SCALE: 1/4" = 1'-0"



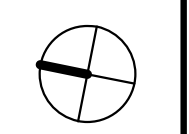
**1** OFFICE 1 204 - EAST  
SCALE: 1/4" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PROJECT NUMBER  
BICA22-004407  
27 20 00.A  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
10:09 am, Aug 05, 2022  
REVIEWED  
BY: ROSALINA ACUFF

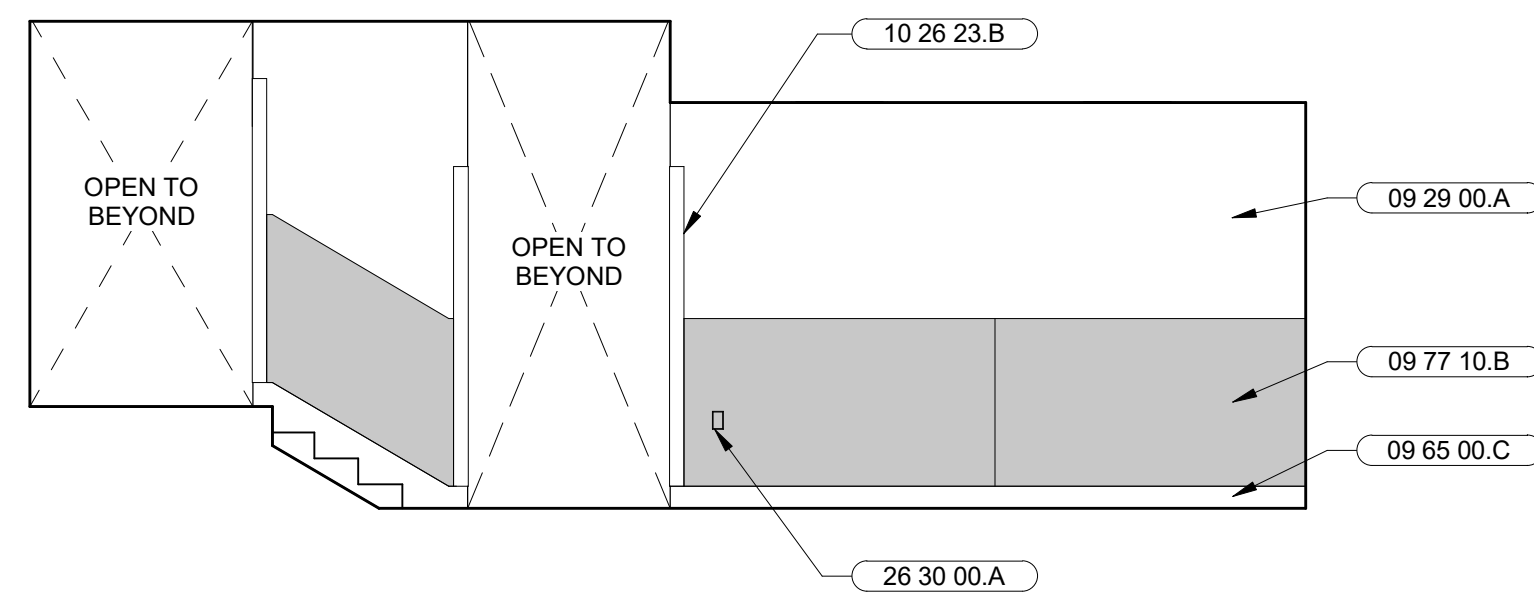
NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

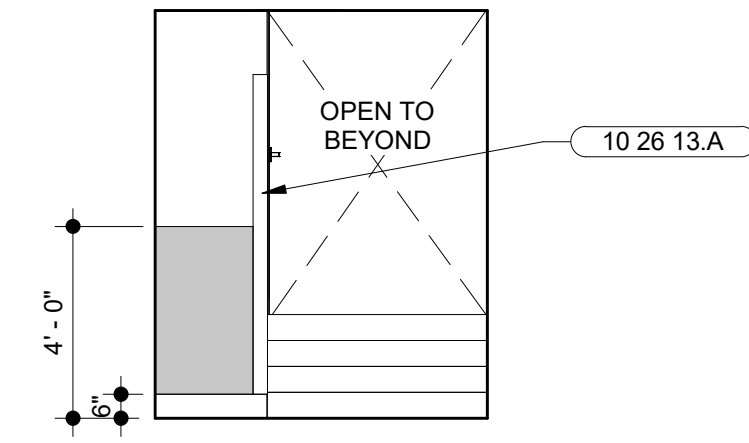
DESCRIPTION ENLARGED PLAN & INTERIOR ELEVATIONS



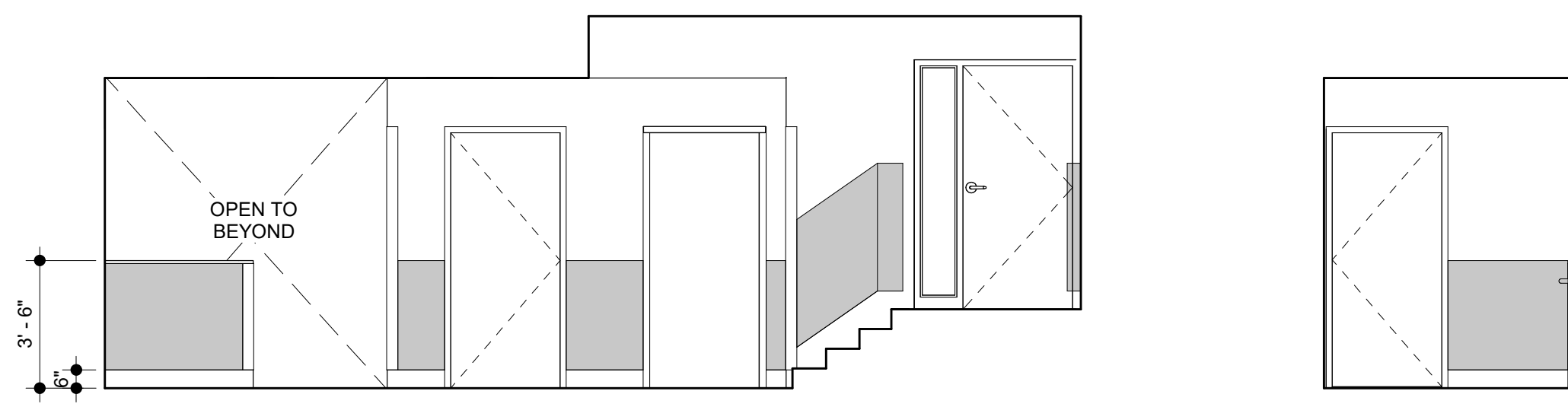
**A607**



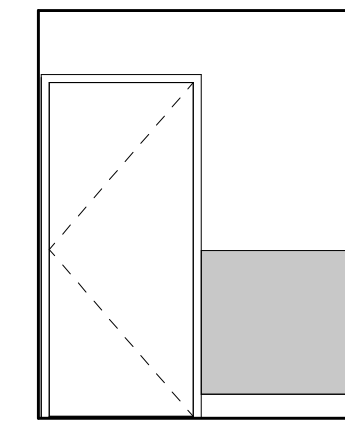
16 HALL 2 208 - NORTH  
SCALE: 1/4" = 1'-0"



15 HALL 2 208 - WEST  
SCALE: 1/4" = 1'-0"



14 HALL 2 208 - SOUTH  
SCALE: 1/4" = 1'-0"



13 HALL 2 208 - EAST  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

1. ALL DIMENSIONS ARE TO FACE OF FINISH FOR REQUIRED CLEARANCES, U.O.N.
2. ALL SINKS AND COUNTERS MUST MEET THE ACCESSIBILITY REQUIREMENTS OF THE 2019 CBC CHAPTER 11B AS DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
3. FOR ACCESSIBLE TOILET ACCESSORIES, TOILET MOUNTING, WATER CLOSET CLEARANCES, AND SHOWER CLEARANCES, SEE A014.
4. PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT, CABINETS AND ACCESSORIES. SEE BACKING DETAIL 3/A902.
5. CONTRACTOR TO VERIFY DIMENSIONS OF APPLIANCES, FIXTURES, AND EQUIPMENT PRIOR TO CASEWORK FABRICATION. TYPICAL.
6. REFER TO FINISH SCHEDULE FOR FINISH MATERIALS, SEE A503
7. VERIFY TILE LAYOUT AND JOINTS WITH ARCHITECT PRIOR TO INSTALLATION.
8. FFE SHOWN FOR REFERENCE, OFCI

MARJANG ARCHITECTURE

STAMP

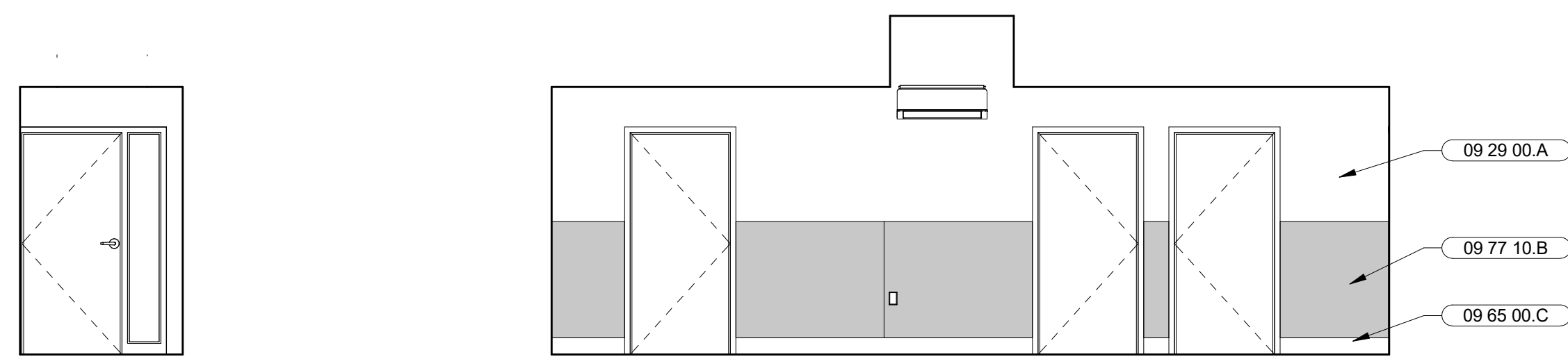


PROJECT ADDRESS

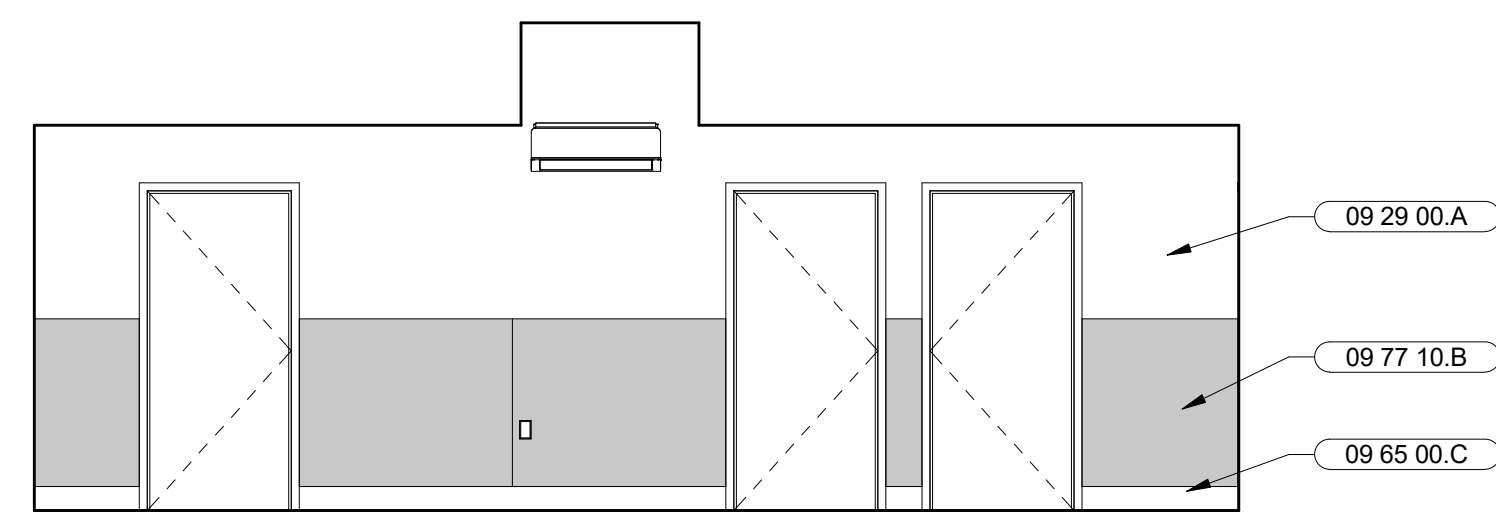
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

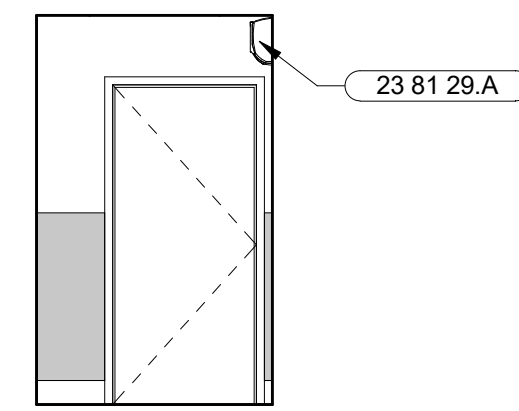
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064
- ARCHITECT: MARJANG ARCHITECTURE  
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SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600
- STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
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- CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
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- GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
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351 8TH STREET  
SAN FRANCISCO, CA 94103  
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- ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
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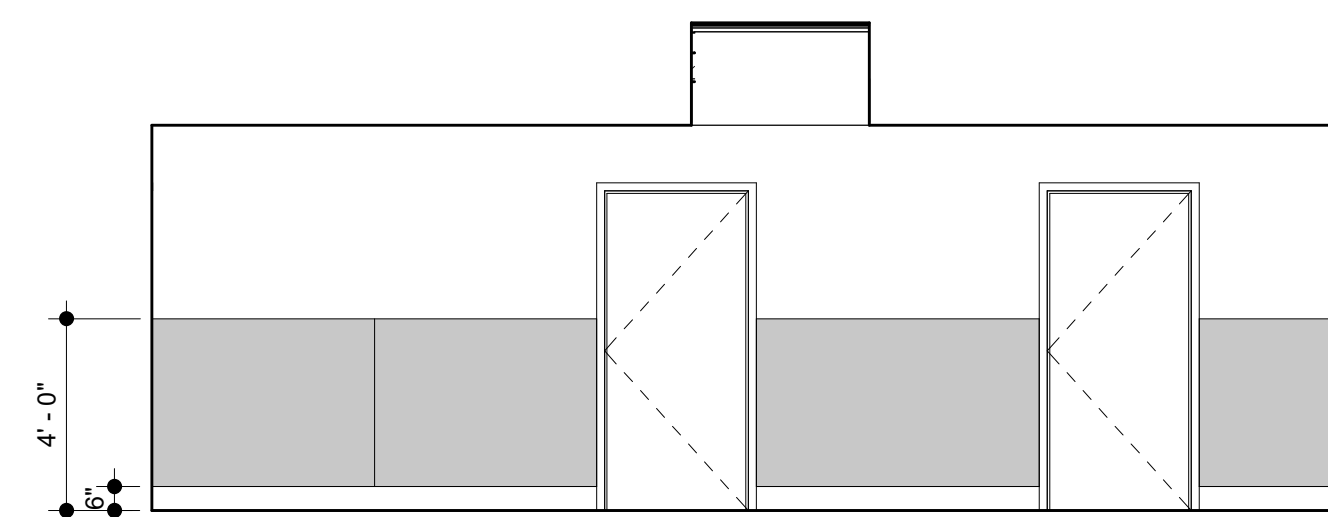
12 HALL 3 211 - NORTH  
SCALE: 1/4" = 1'-0"



11 HALL 3 211 - WEST  
SCALE: 1/4" = 1'-0"



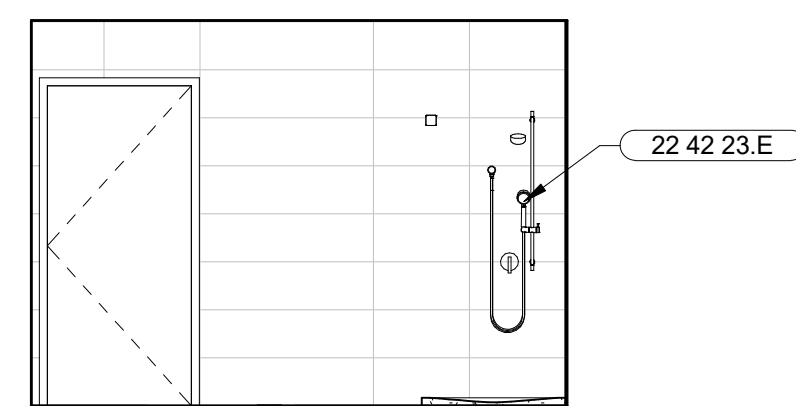
10 HALL 3 211 - SOUTH  
SCALE: 1/4" = 1'-0"



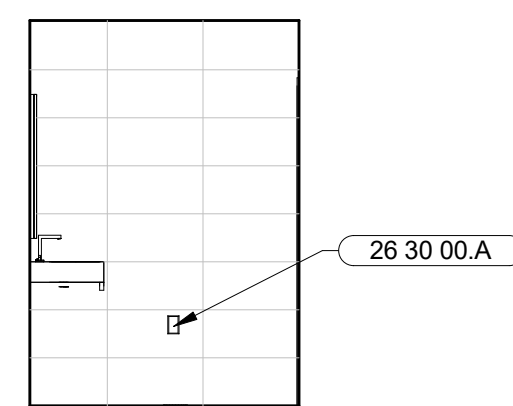
9 HALL 3 211 - EAST  
SCALE: 1/4" = 1'-0"

**KEYNOTES**

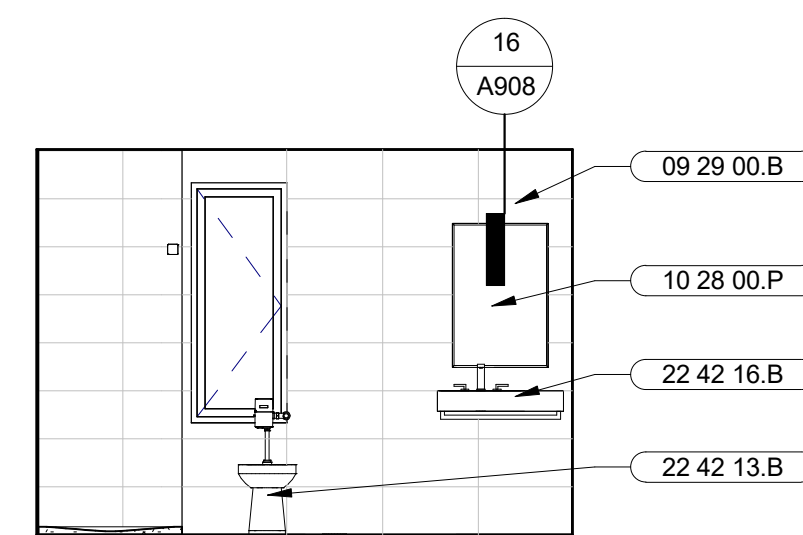
- 09 29 00.A GYPSUM BOARD  
09 29 00.B MOISTURE RESISTANT GYPSUM BOARD  
09 30 00.A WALL TILE  
09 65 00.C RUBBER BASE, ACCESSORIES AND ATTACHMENTS  
09 77 10.B FIBER REINFORCED LAMINATE WALL PROTECTION PANEL
- 10 26 13.A STAINLESS STEEL CORNER GUARD  
10 26 23.B STAINLESS STEEL U-GUARD  
10 28 00.H SHOWER ROD  
10 28 00.P RECESSED MEDICINE CABINET  
22 42 13.B TOILET FLOOR MOUNT, SEE PLUMBING DRAWINGS  
22 42 16.B LAVATORY WALL MOUNTED, SEE PLUMBING DRAWINGS  
22 42 23.E HANDHELD SHOWER, SEE PLUMBING DRAWINGS  
23 81 29.A VRF INDOOR WALL MOUNTED UNIT  
26 30 00.A RECEPTACLE, SEE ELECTRICAL DRAWINGS  
27 41 16.F FLAT PANEL DISPLAY, SEE AUDIO/VISUAL DRAWINGS



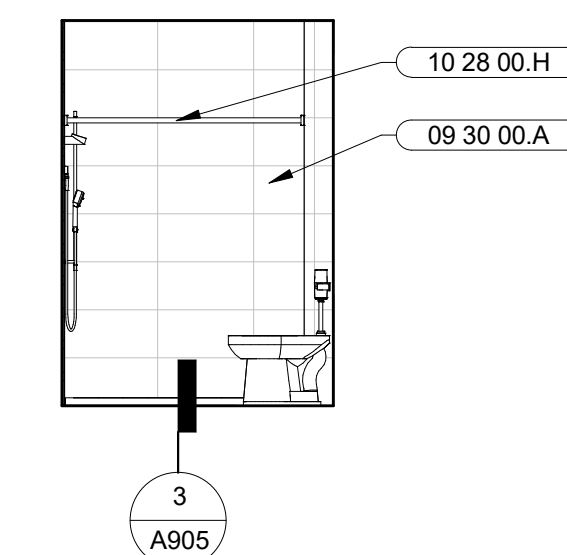
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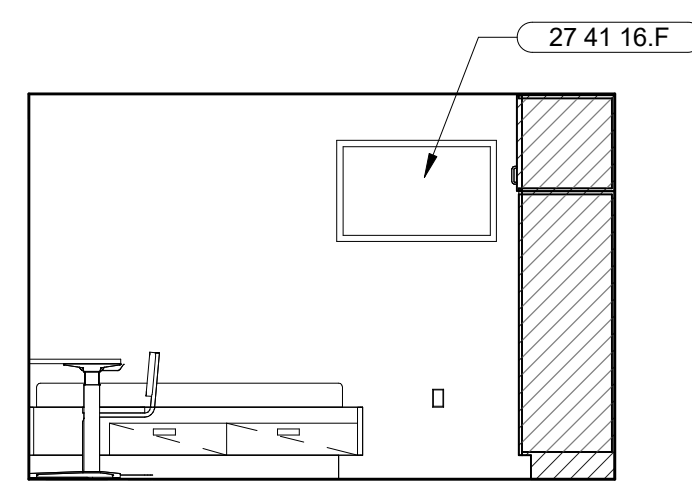
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SCALE: 1/4" = 1'-0"



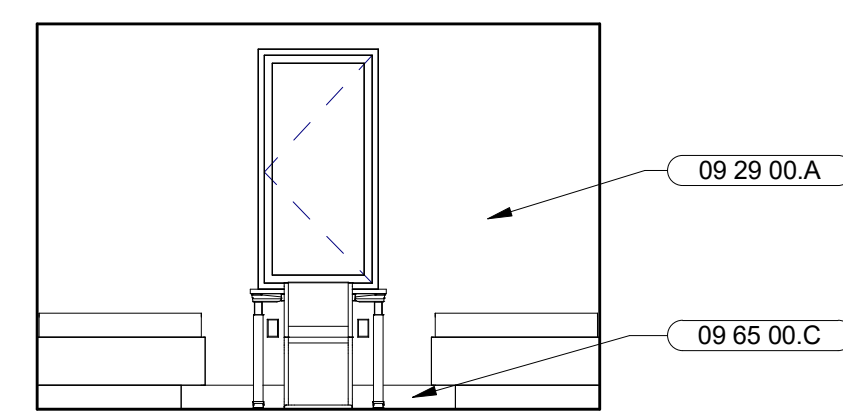
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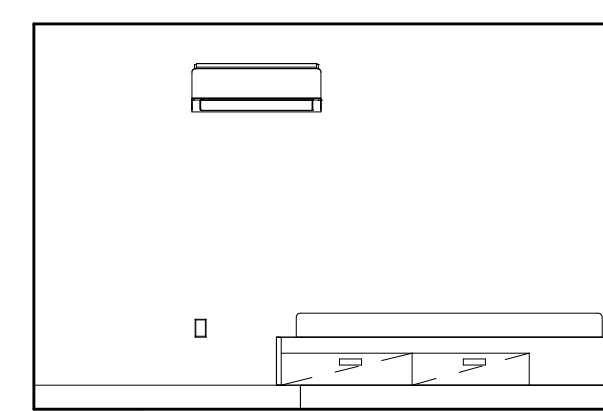
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SCALE: 1/4" = 1'-0"



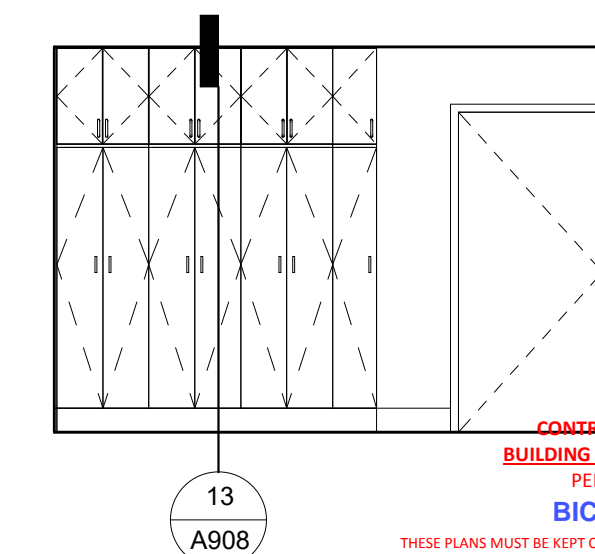
4 DORM 1 212 - NORTH  
SCALE: 1/4" = 1'-0"



3 DORM 1 212 - WEST  
SCALE: 1/4" = 1'-0"



2 DORM 1 212 - SOUTH  
SCALE: 1/4" = 1'-0"



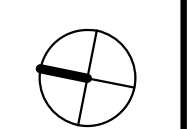
1 DORM 1 212 - EAST  
SCALE: 1/4" = 1'-0"

COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BICA22-004407  
10:09 am, Aug 05, 2022  
REVIEWED  
By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED PLAN & INTERIOR ELEVATIONS



A608

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

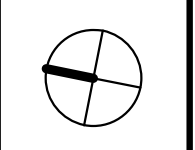
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

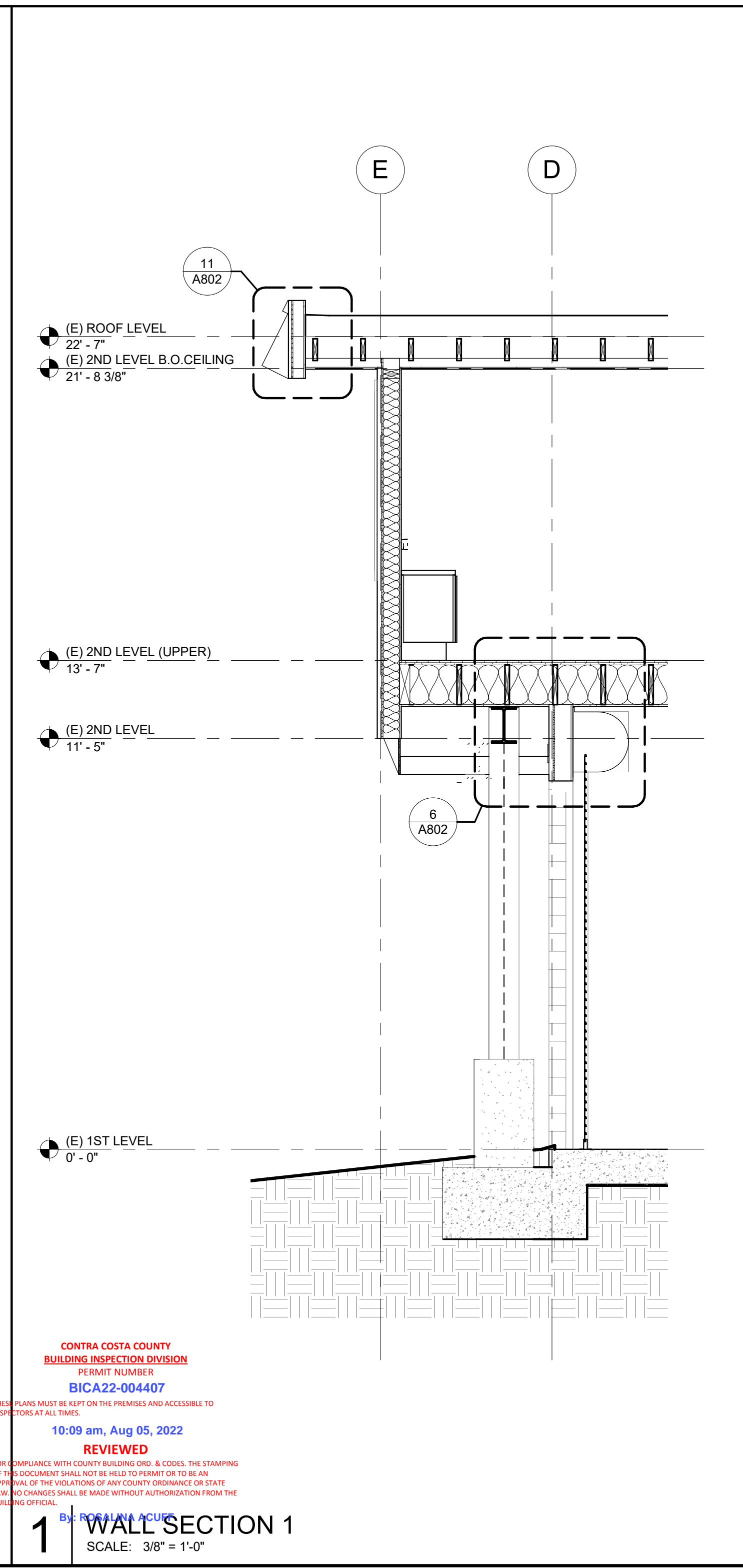
NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

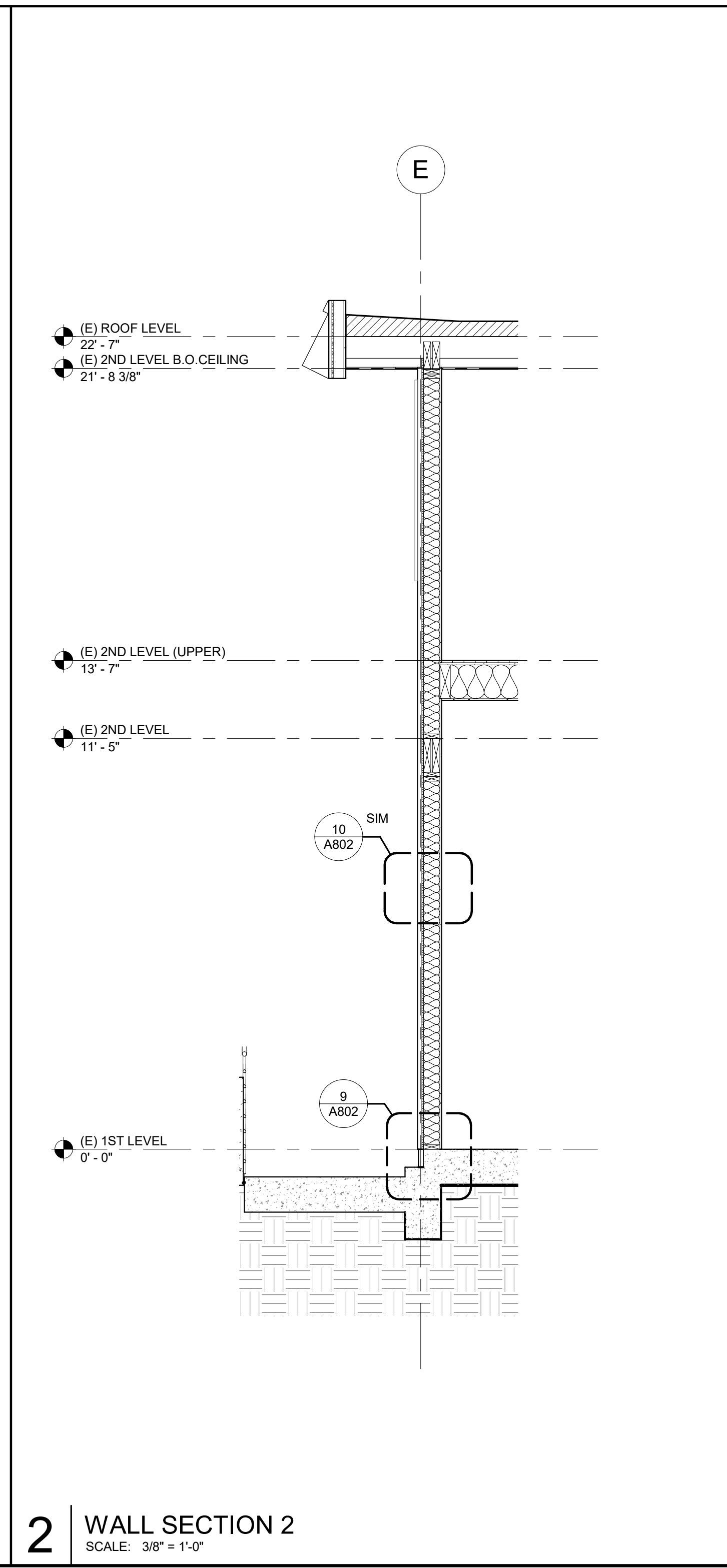
DESCRIPTION  
WALL SECTIONS



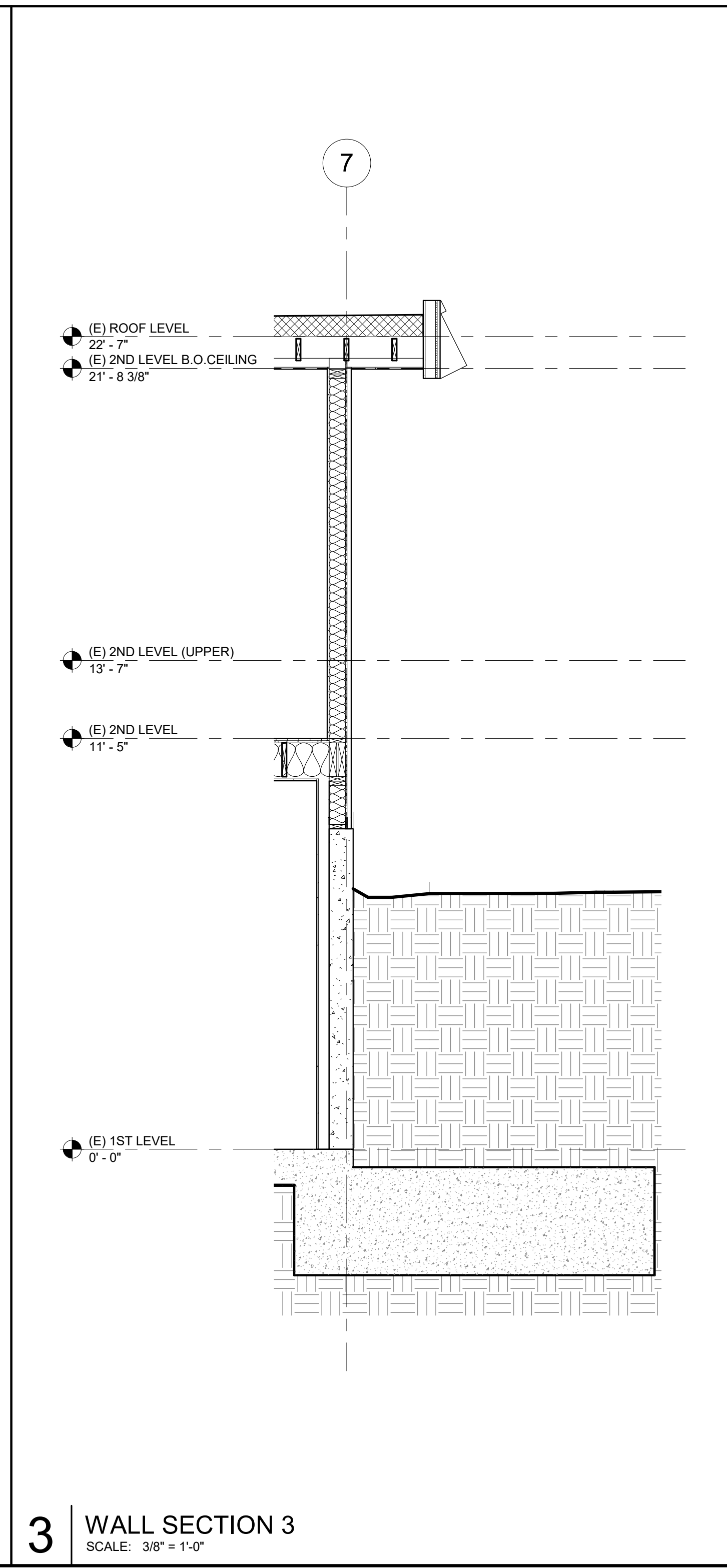
## A701



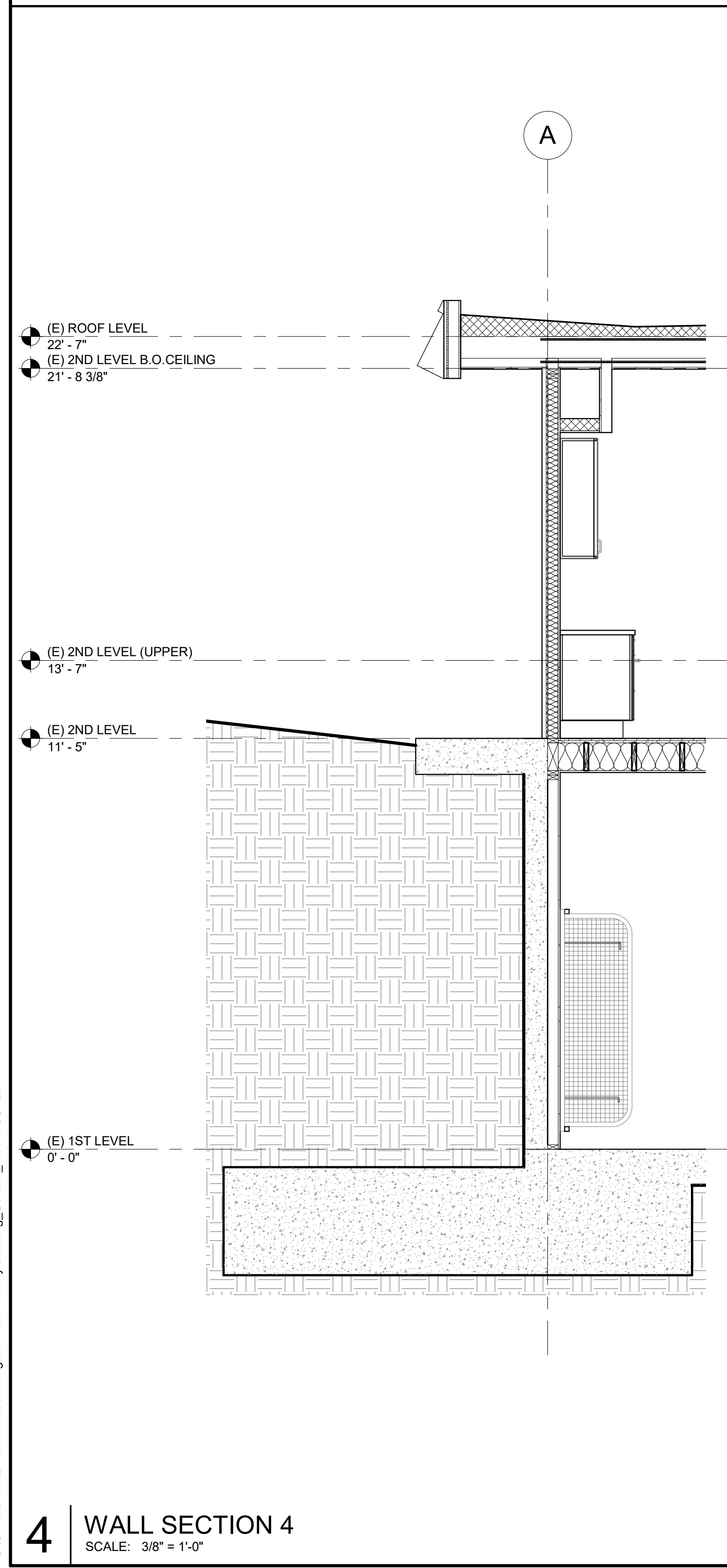
**1** WALL SECTION 1  
SCALE: 3/8" = 1'-0"



**2** WALL SECTION 2  
SCALE: 3/8" = 1'-0"



**3** WALL SECTION 3  
SCALE: 3/8" = 1'-0"



**4** WALL SECTION 4  
SCALE: 3/8" = 1'-0"

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

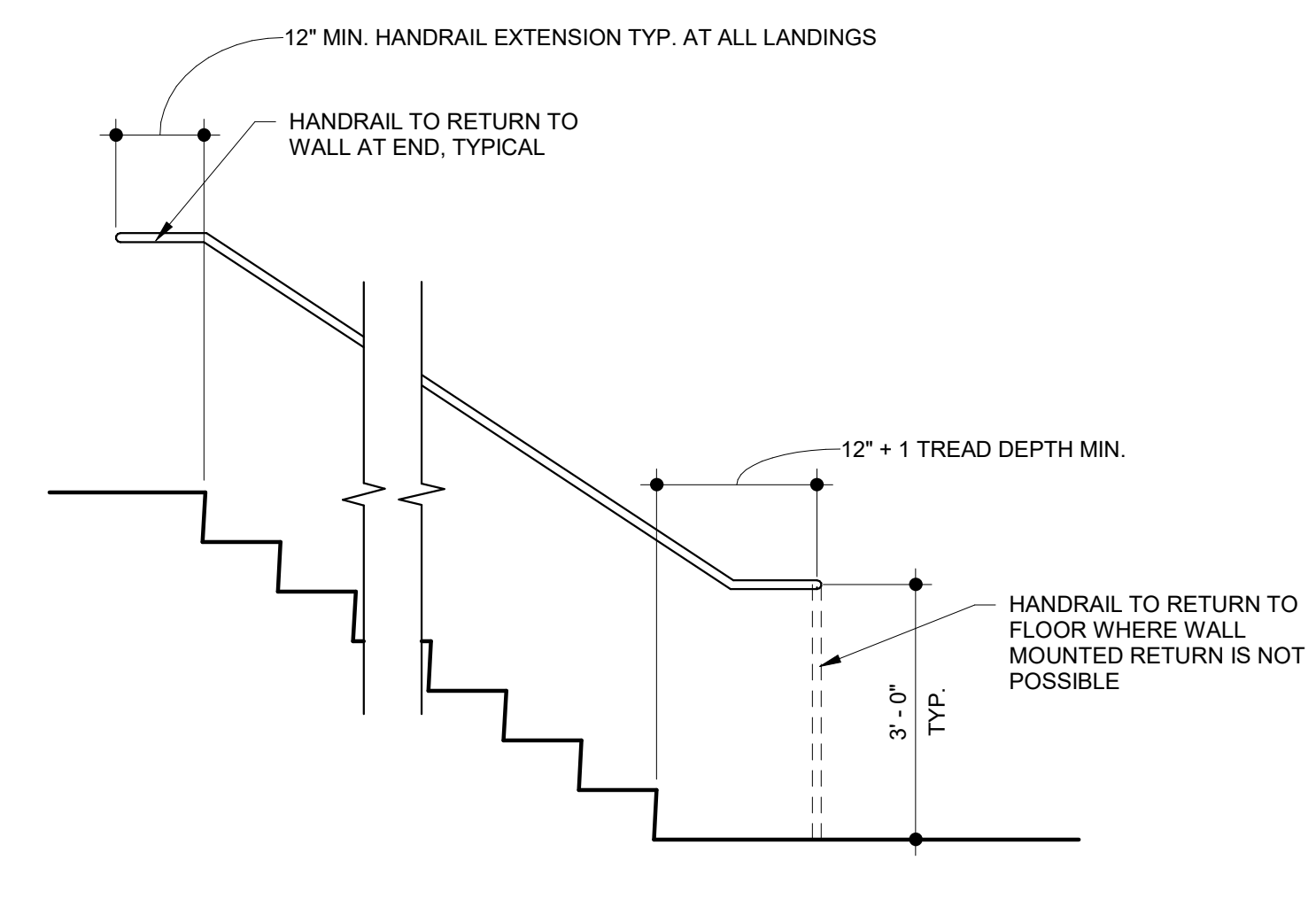
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

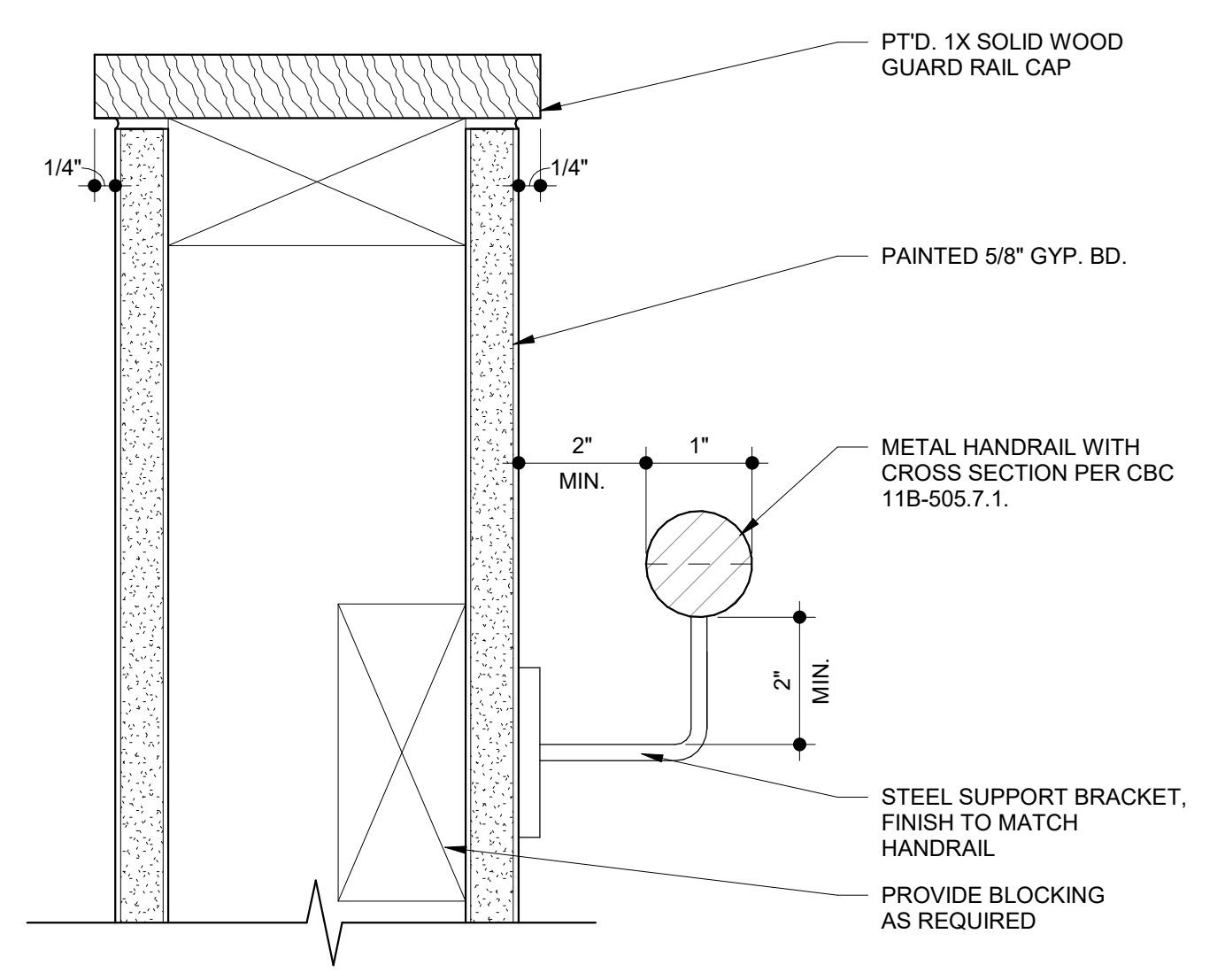
ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

**KEYNOTES**

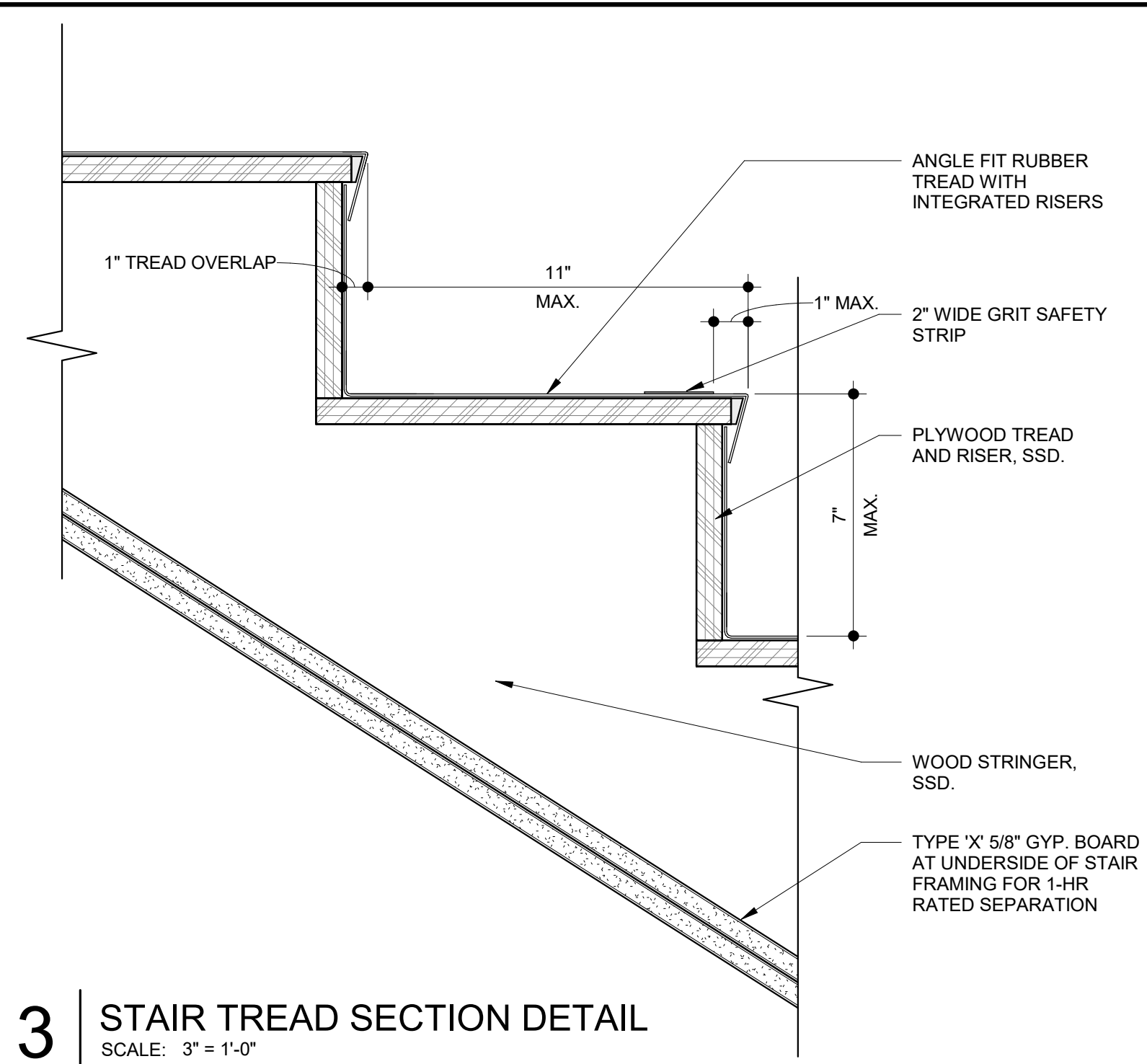
- 05 52 00.A METAL HANDRAIL
- 09 65 00.D VINYL/RUBBER STAIR TREAD AND RISER WITH CONTRASTING ABRASIVE SAFETY STRIP



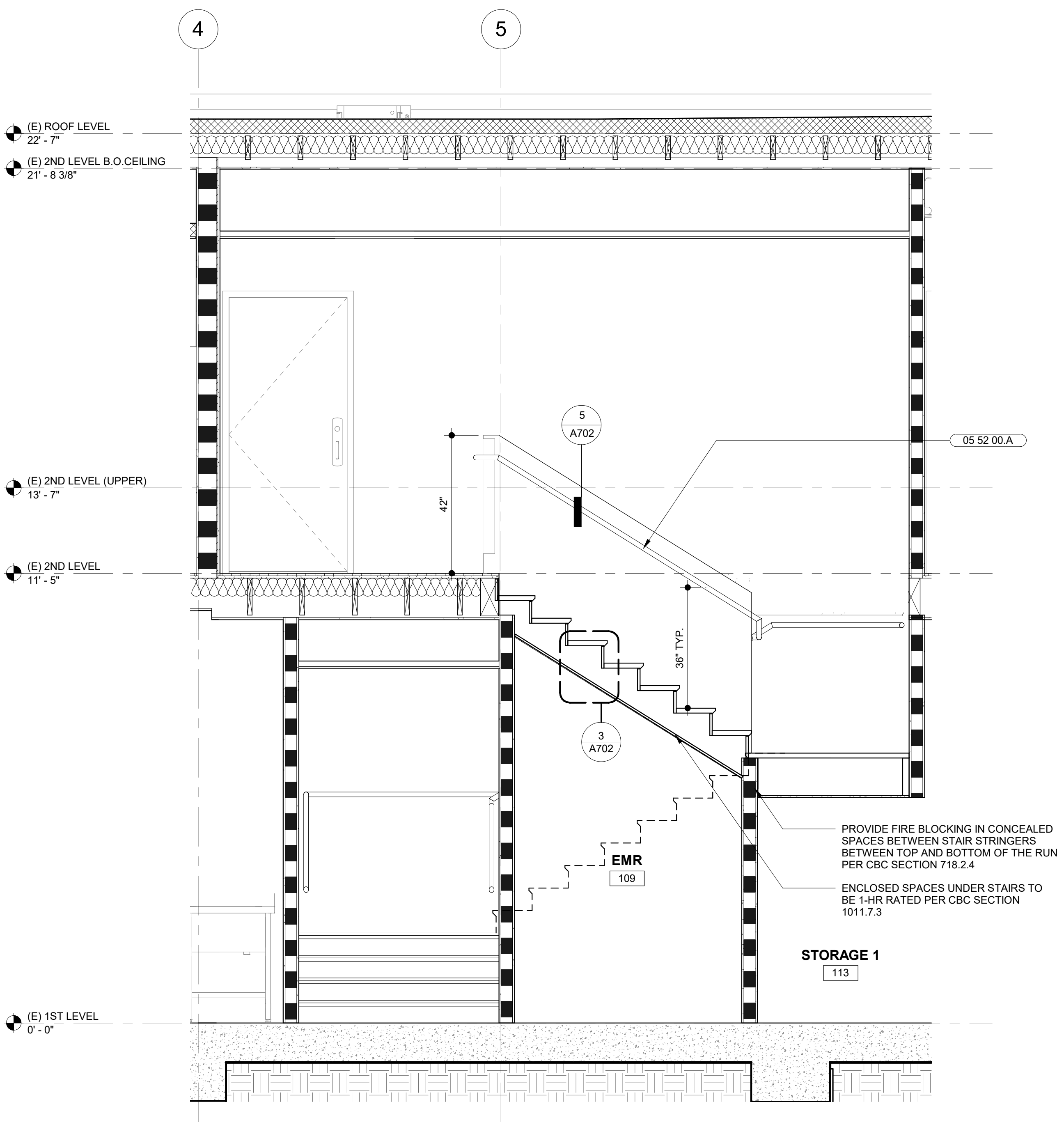
**6 TYPICAL HANDRAIL ELEVATION**  
 SCALE: 1/2" = 1'-0"



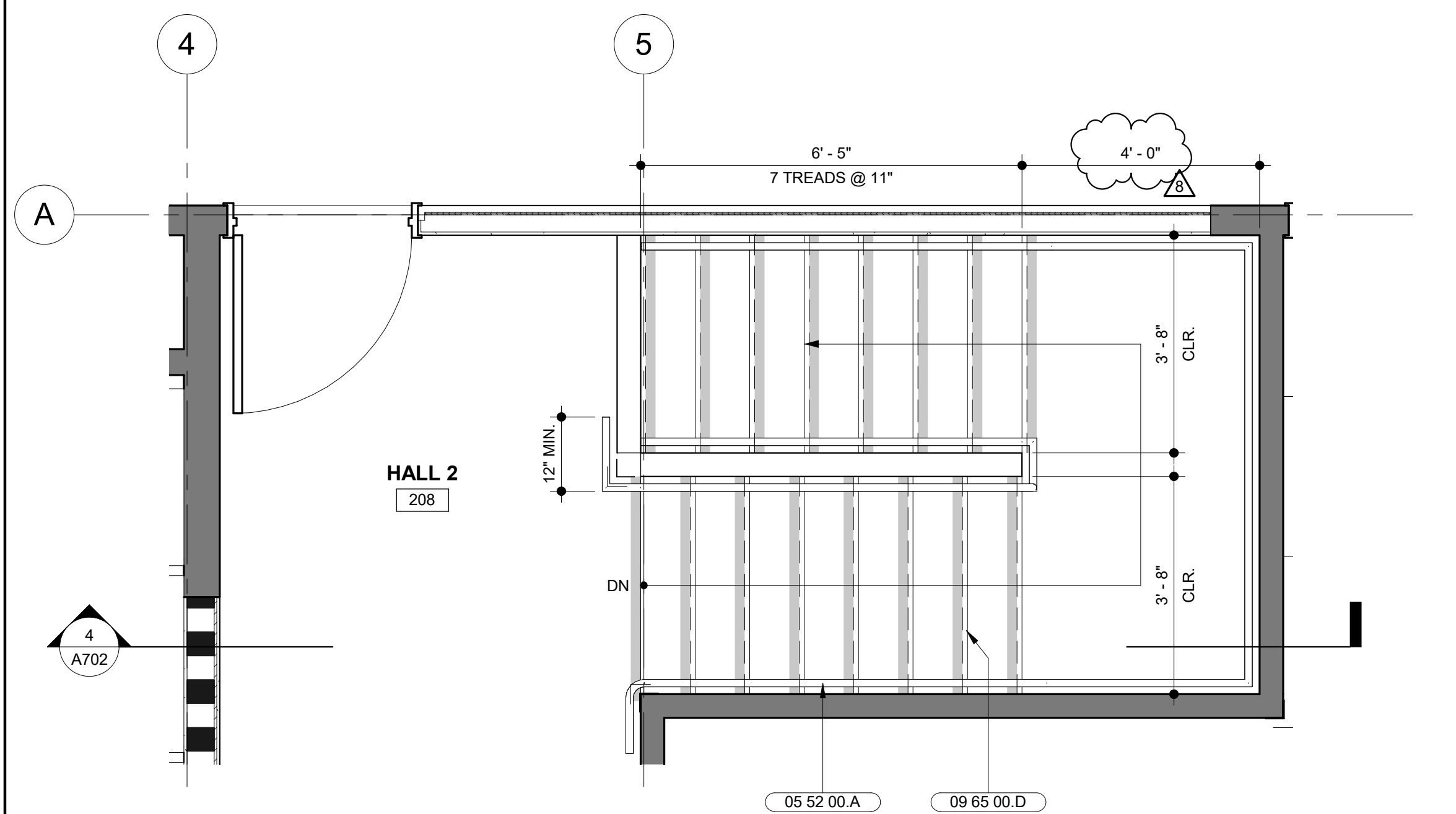
**5 STAIR GUARDRAIL/HANDRAIL SECTION DETAIL**  
 SCALE: 6" = 1'-0"



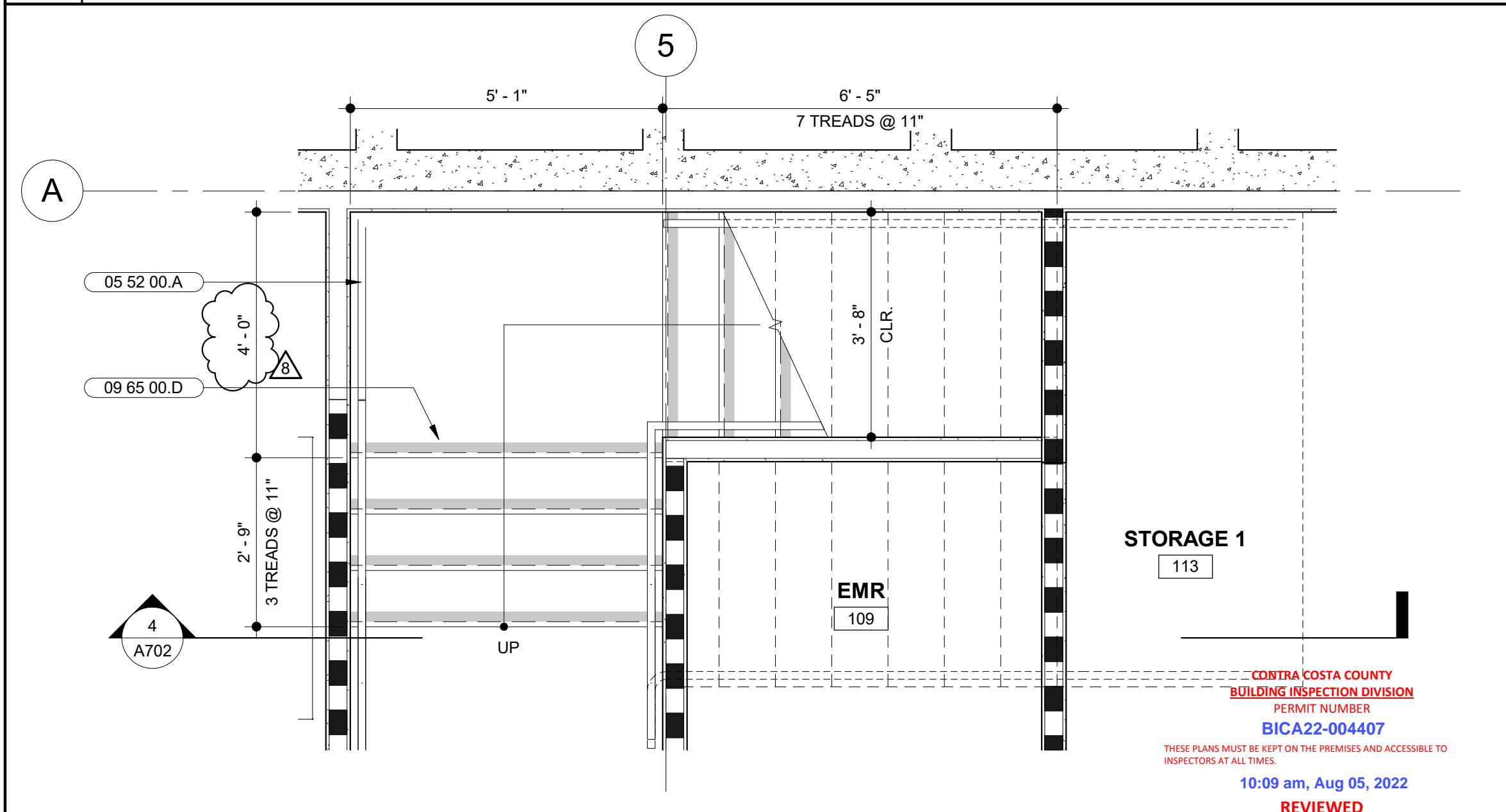
**3 STAIR TREAD SECTION DETAIL**  
 SCALE: 3" = 1'-0"



**4 STAIR SECTION 2**  
 SCALE: 1/2" = 1'-0"



**2 STAIRS ENLARGED PLAN - 2ND LEVEL**  
 SCALE: 1/2" = 1'-0"



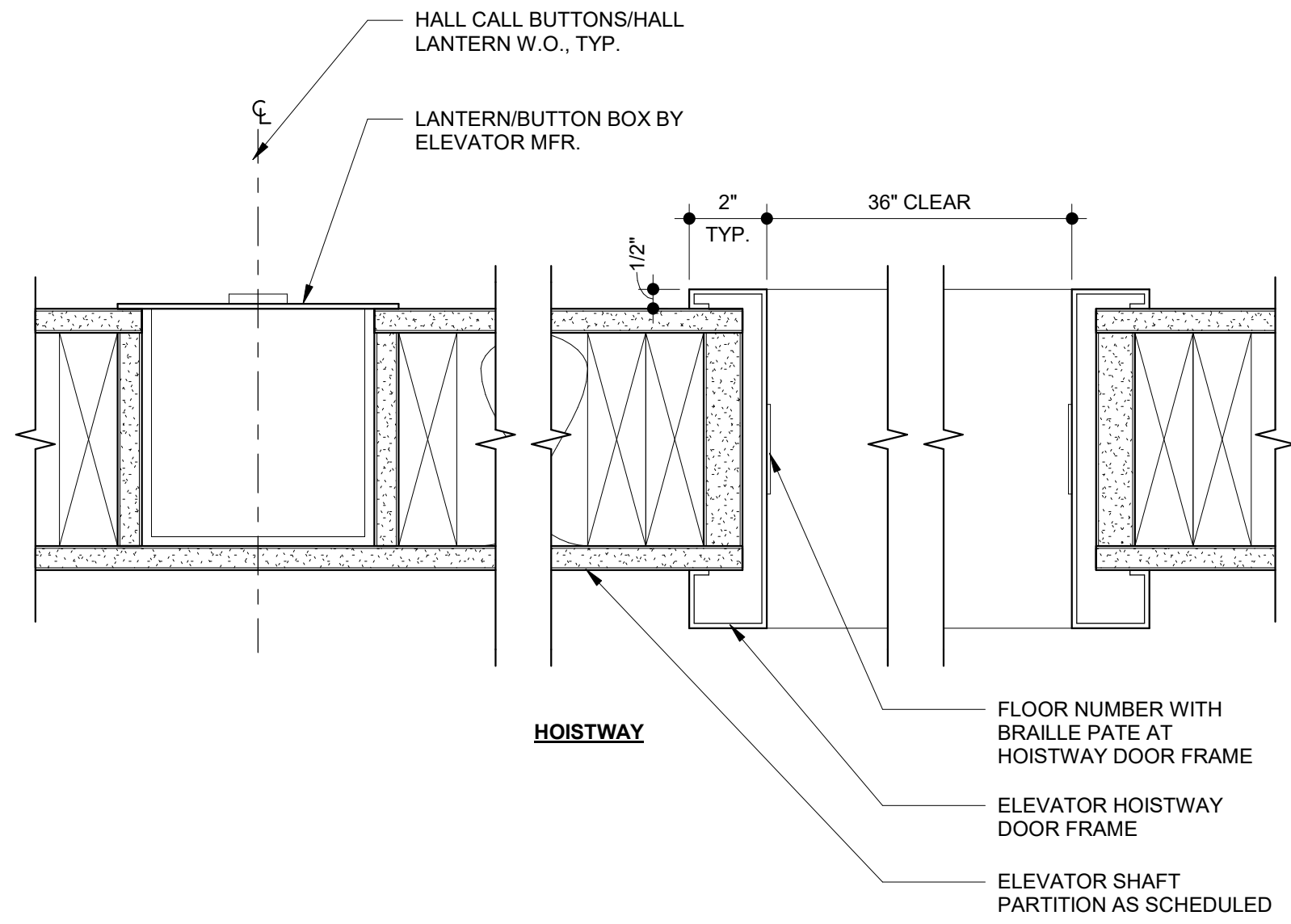
**1 STAIRS ENLARGED PLAN - 1ST LEVEL**  
 SCALE: 1/2" = 1'-0"

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

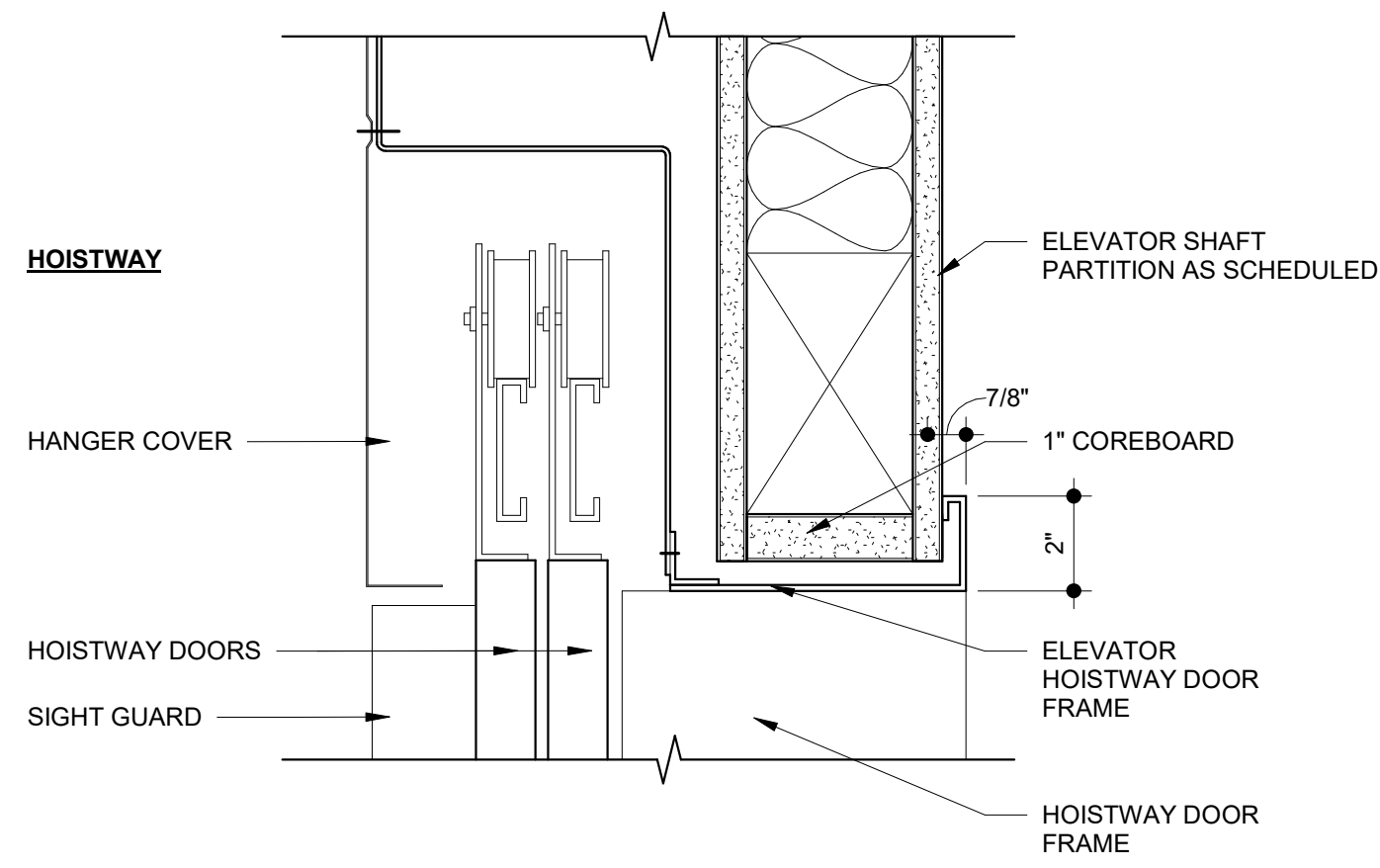
JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION ENLARGED STAIR PLAN, SECTION & DETAILS

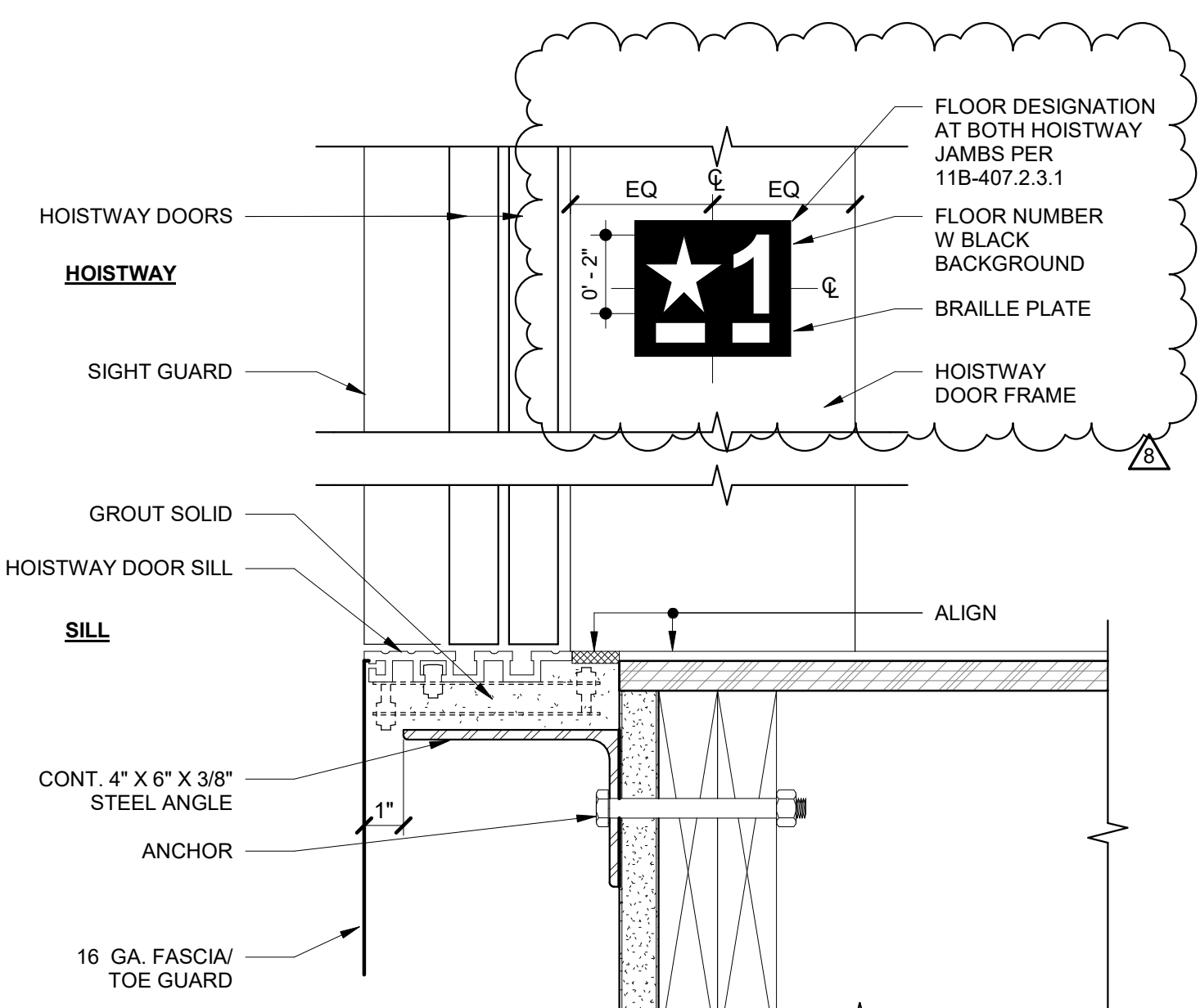
**A702**



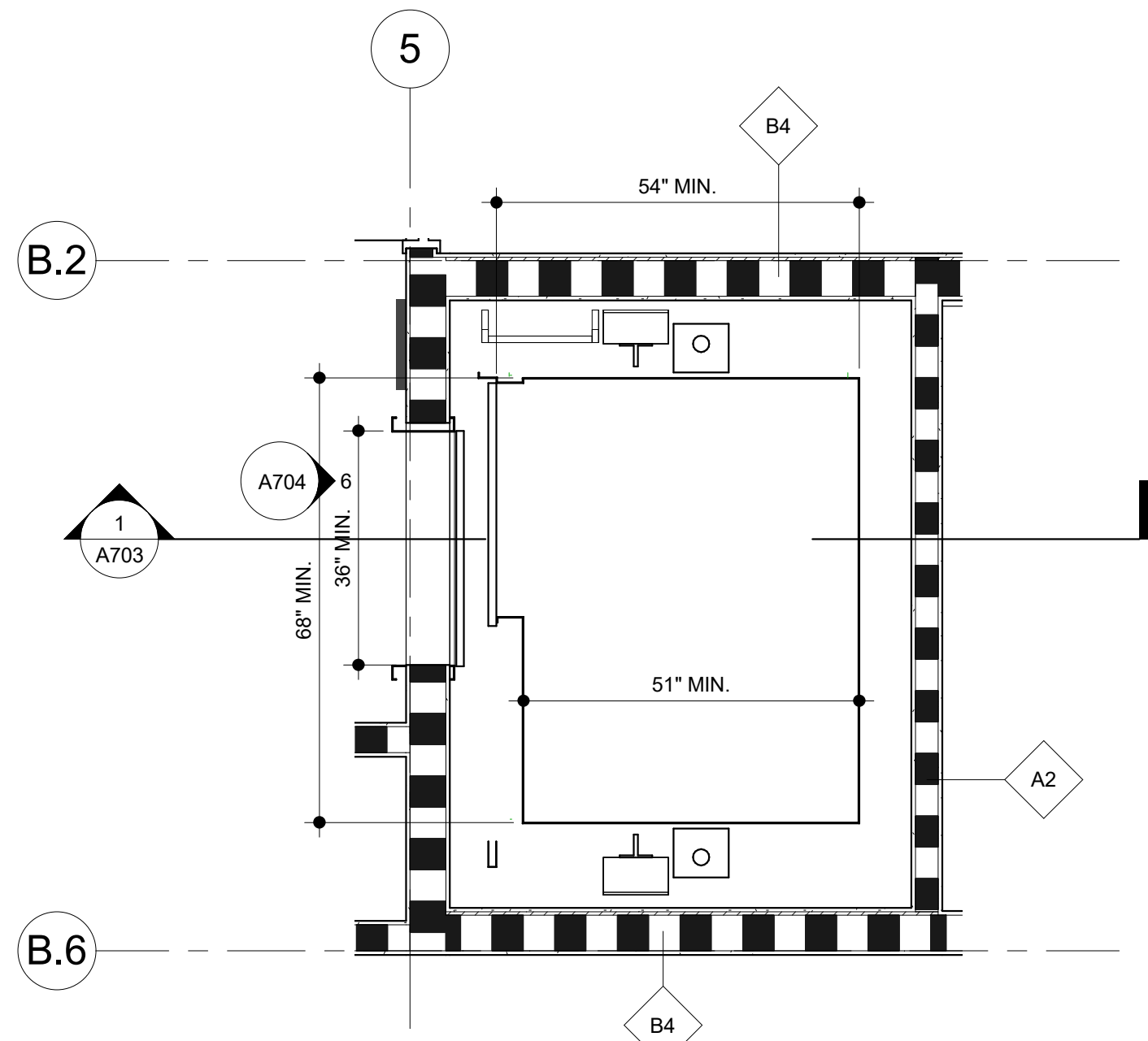
**9 ELEVATOR JAMB DETAIL**  
SCALE: 3" = 1'-0"



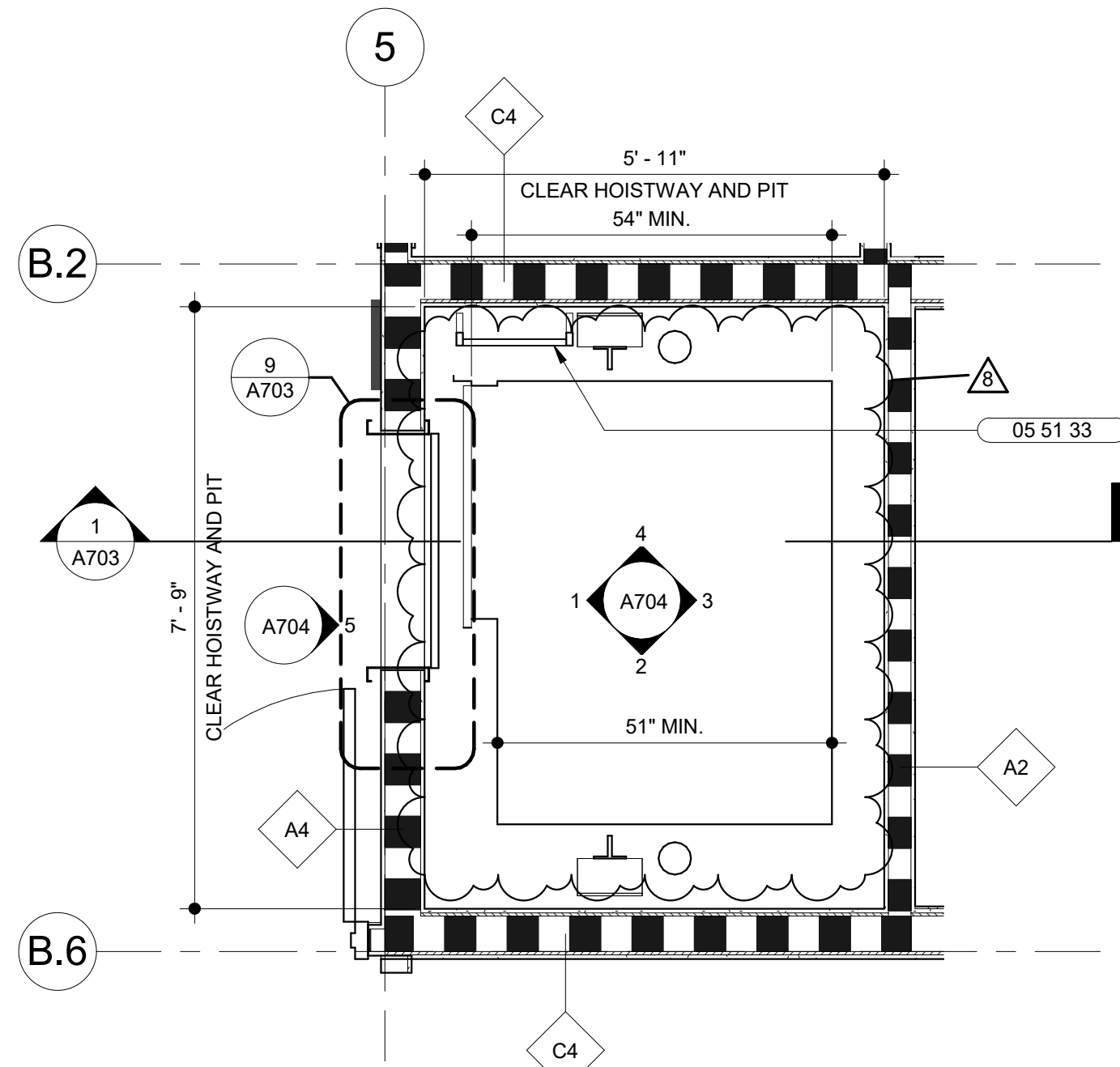
**8 ELEVATOR HEAD DETAIL**  
SCALE: 3" = 1'-0"



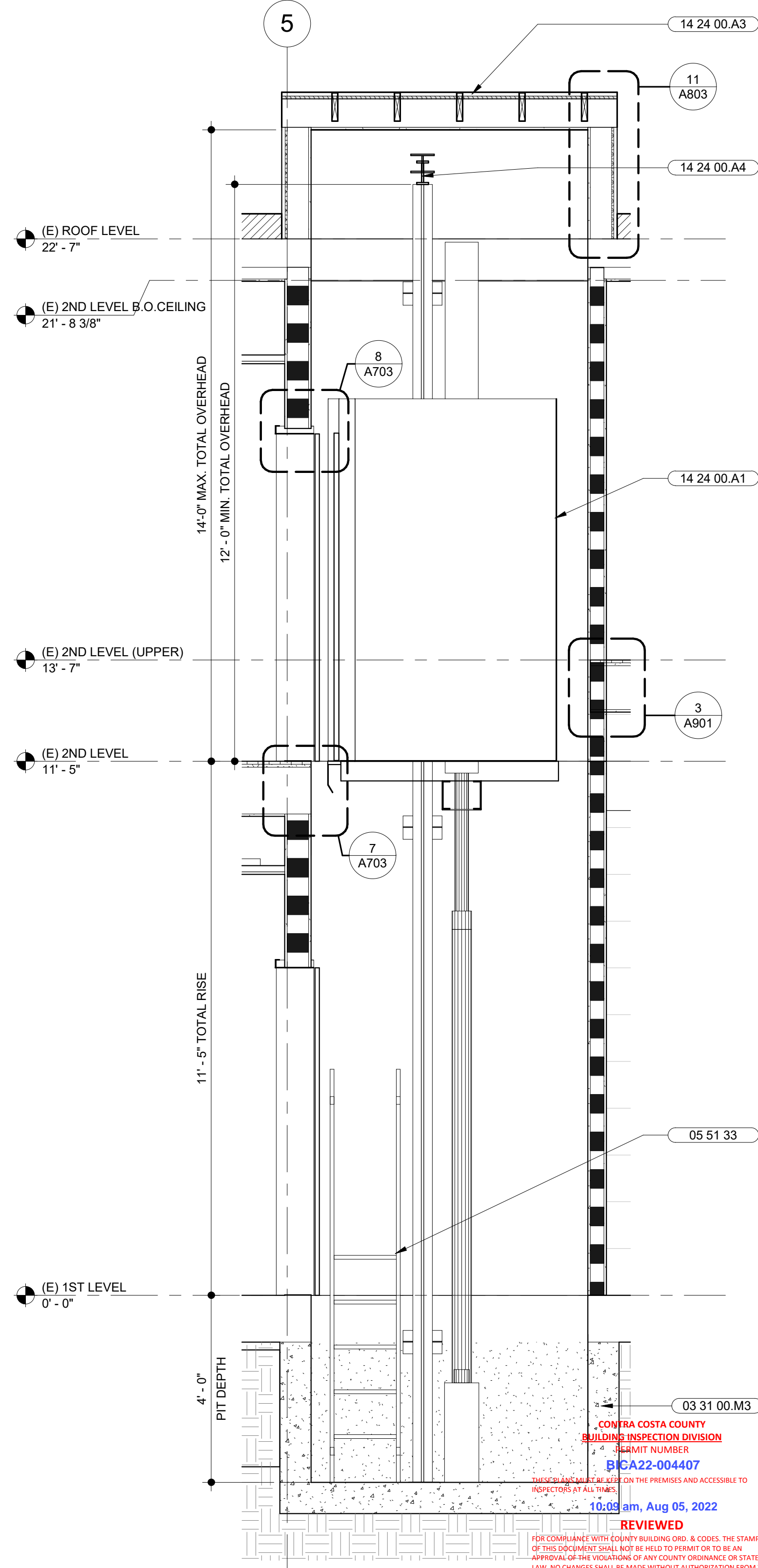
**7 ELEVATOR SILL DETAIL**  
SCALE: 3" = 1'-0"



**5 ELEVATOR ENLARGED PLAN - 2ND LEVEL**  
SCALE: 1/2" = 1'-0"



**4 ELEVATOR ENLARGED PLAN - 1ST LEVEL**  
SCALE: 1/2" = 1'-0"



**1 ELEVATOR SECTION**  
SCALE: 1/2" = 1'-0"

**SHEET NOTES**

- MEDICAL EMERGENCY ELEVATOR NOT REQUIRED PER CBC SECTION 3002.4A EX 3. EACH LANDING IS AT GROUND LEVEL WITH ACCESSIBLE EXIT AT GRADE BY A RAMP.
- ELEVATOR CALL CONTROLS TO CONFORM WITH CBC SECTION 11B-407.2.1

**KEYNOTES**

- 03 31 00.M3 CAST IN PLACE ELEVATOR PIT CONCRETE WALL, SSD.
- 05 51 33 STEEL RUNG LADDER AT ELEVATOR PIT. ALIGN RUNGS WITH FLOOR LEVEL.
- 14 24 00.A1 HYDRAULIC ELEVATOR
- 14 24 00.A3 ELEVATOR HOISTWAY OVERHEAD
- 14 24 00.A4 ELEVATOR HOISTWAY OVERHEAD BEAM, SSD.

**MARJANG ARCHITECTURE**



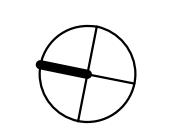
PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064  
ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600  
STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869  
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200  
GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544  
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390  
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140  
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED ELEVATOR PLAN, SECTION &  
DETAILS



**A703**

**SHEET NOTES**

1. MEDICAL EMERGENCY ELEVATOR NOT REQUIRED PER CBC SECTION 3002.4A EX 3. EACH LANDING IS AT GROUND LEVEL WITH ACCESSIBLE EXIT AT GRADE BY A RAMP. ELEVATOR CALL CONTROLS TO CONFORM WITH CBC SECTION 11B-407.2.1

**MARJANG ARCHITECTURE**

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM

**CLIENT:** KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
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930 COLE STREET STE 101  
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1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
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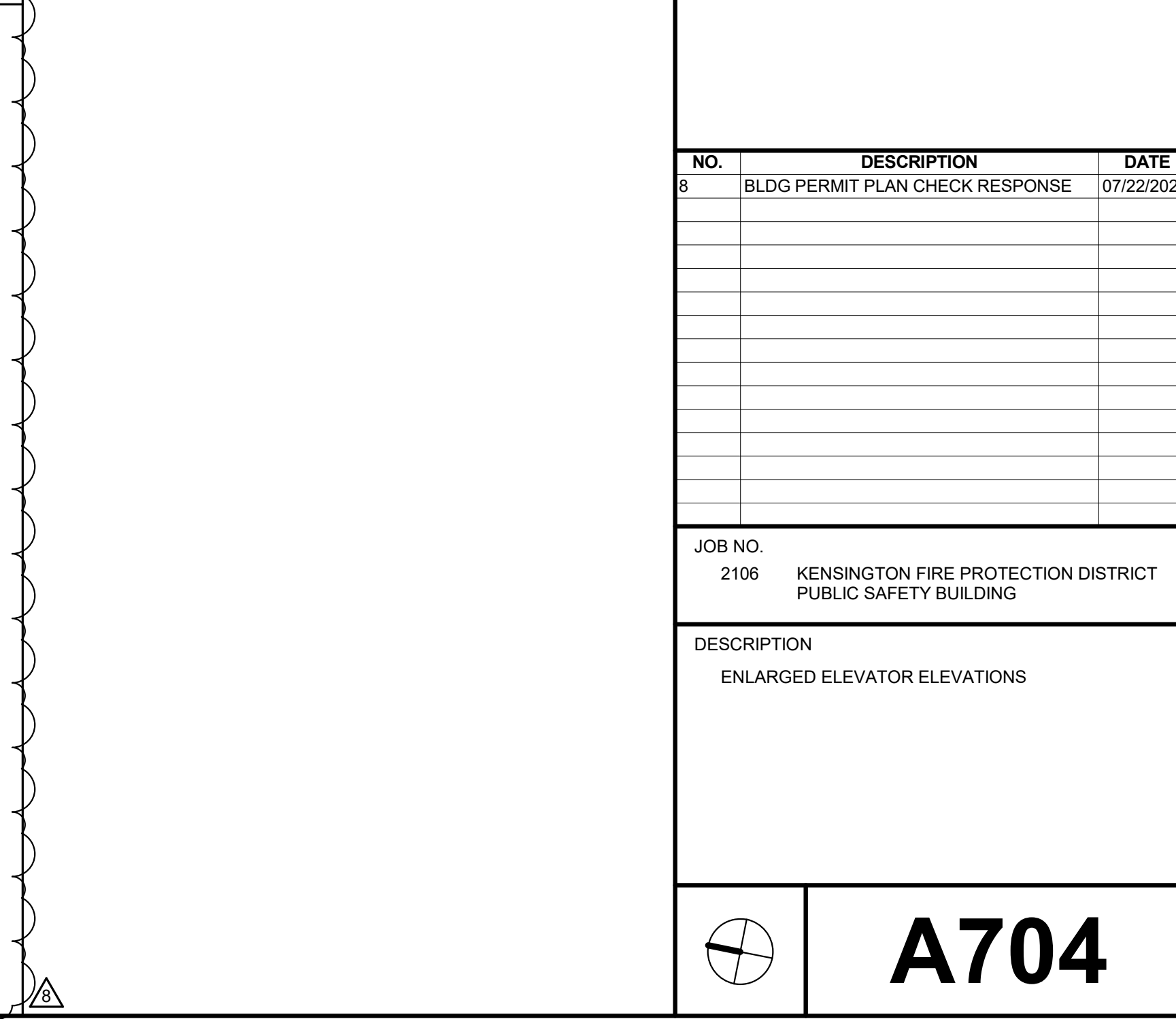
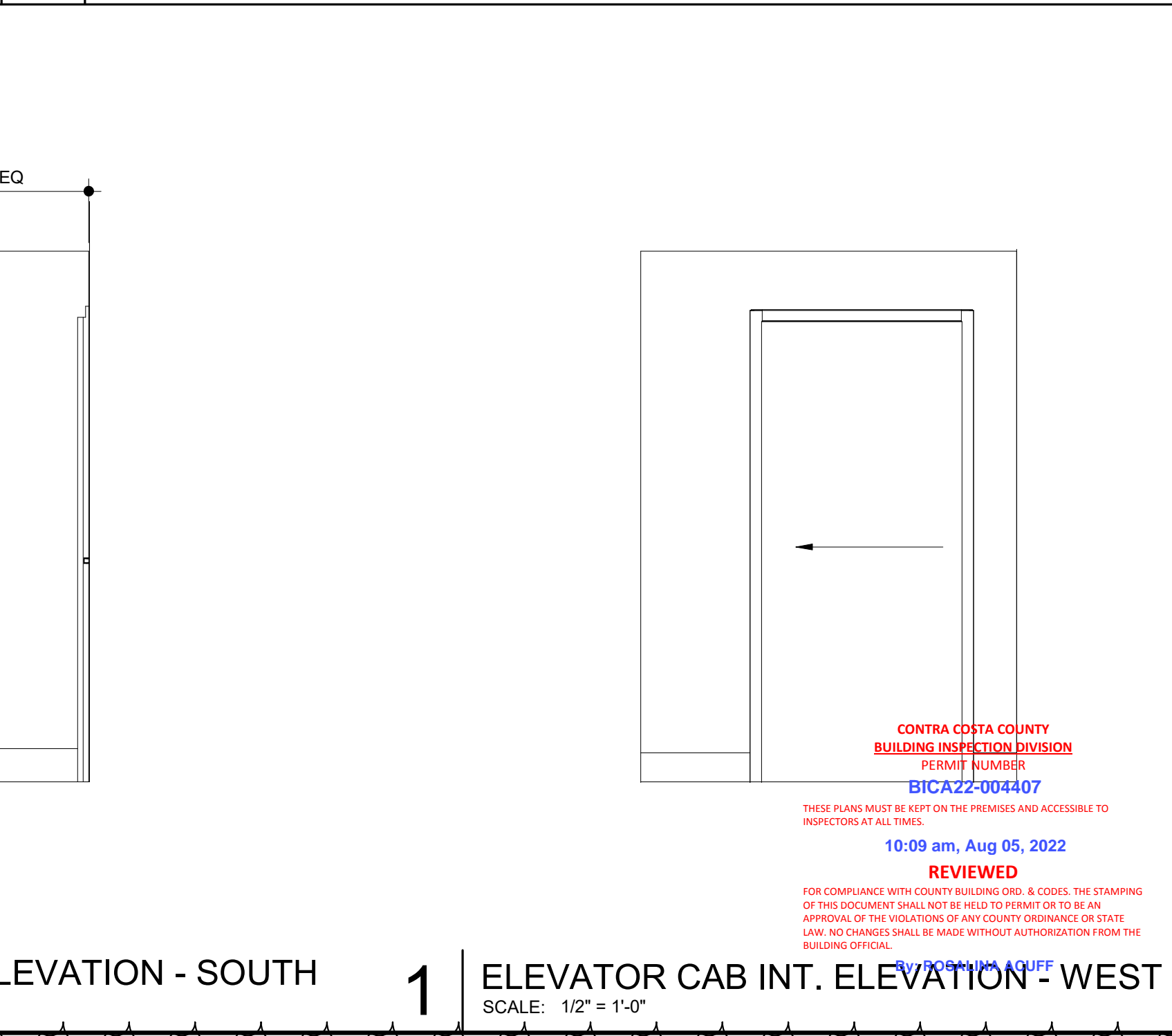
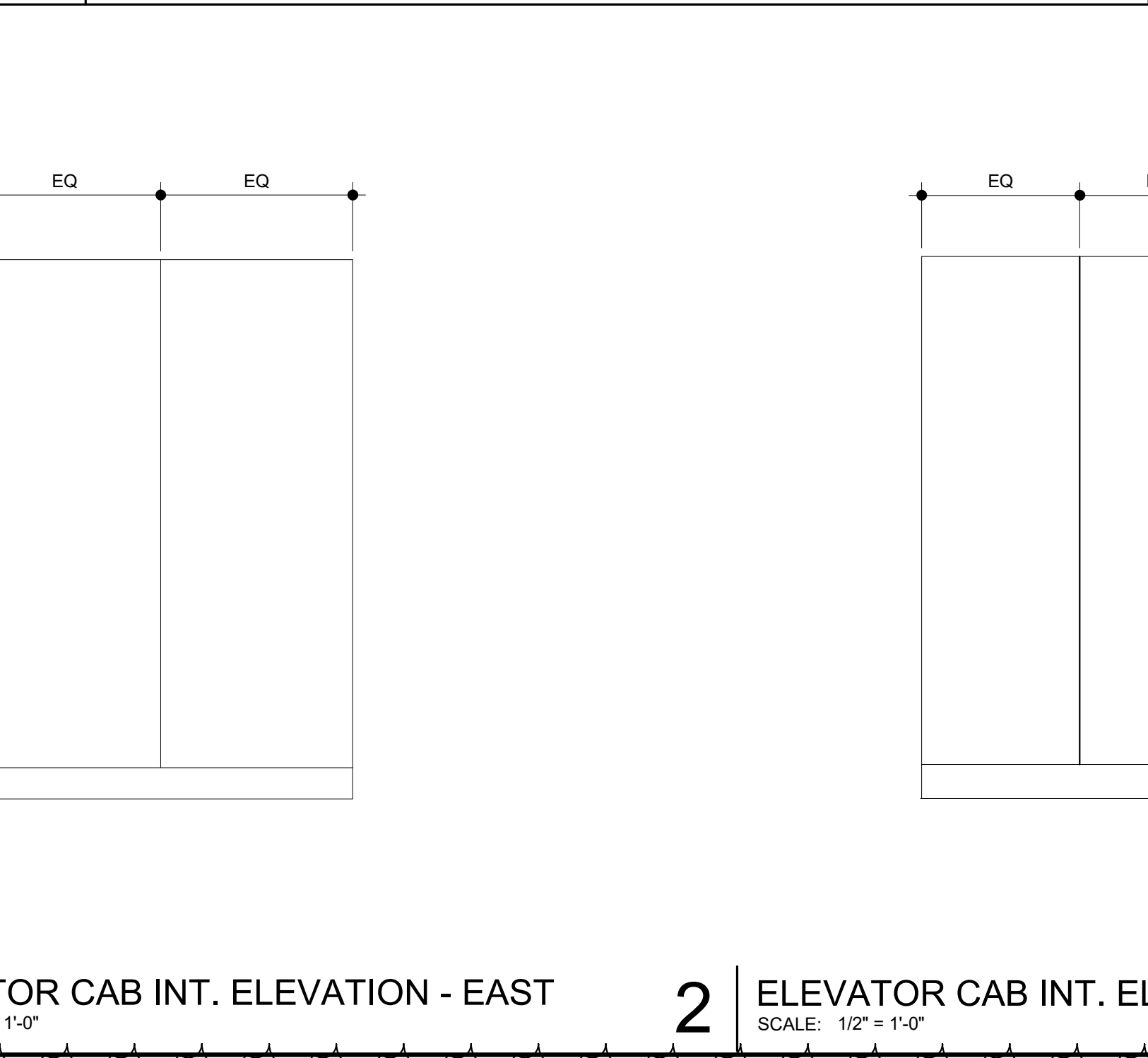
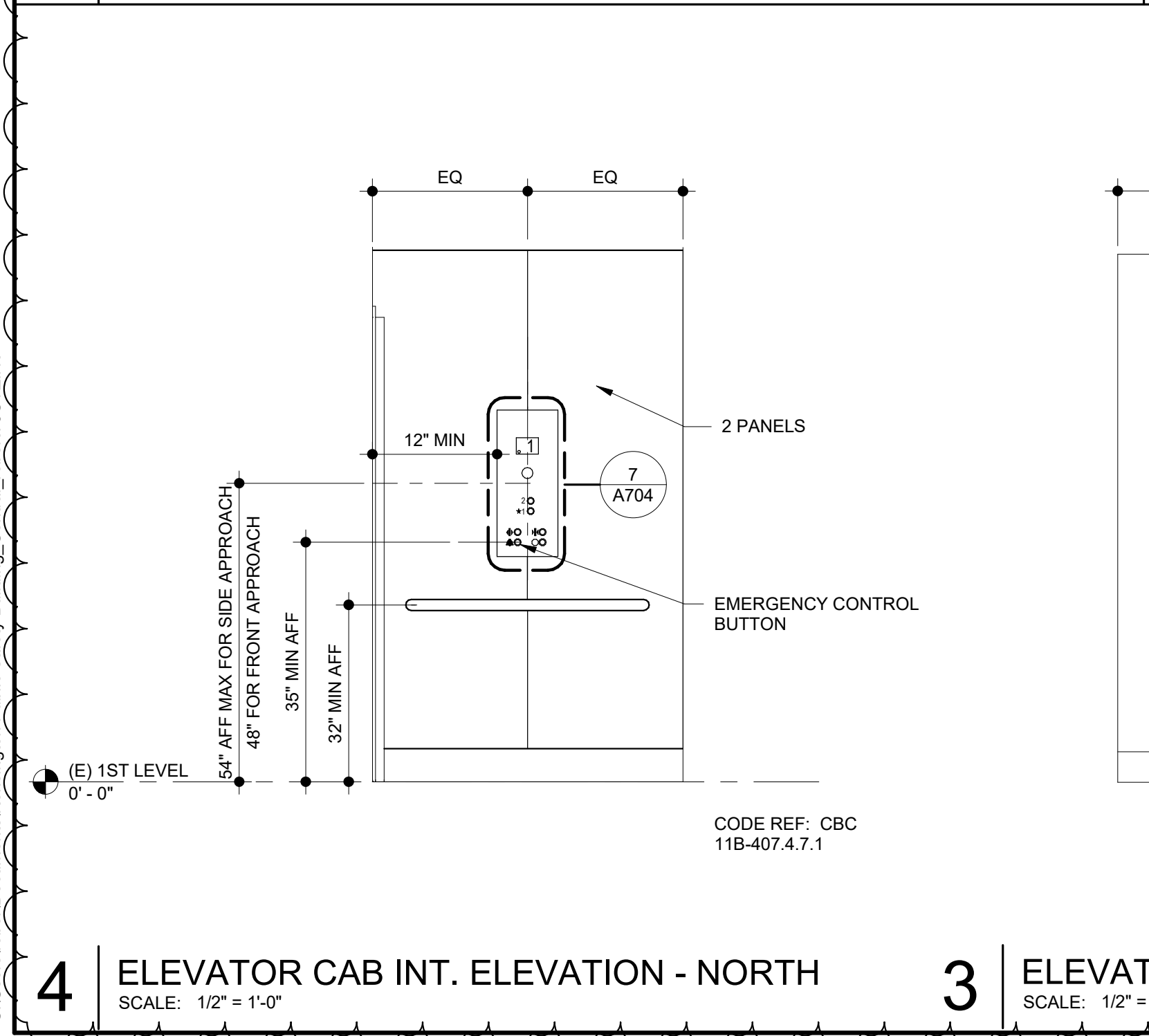
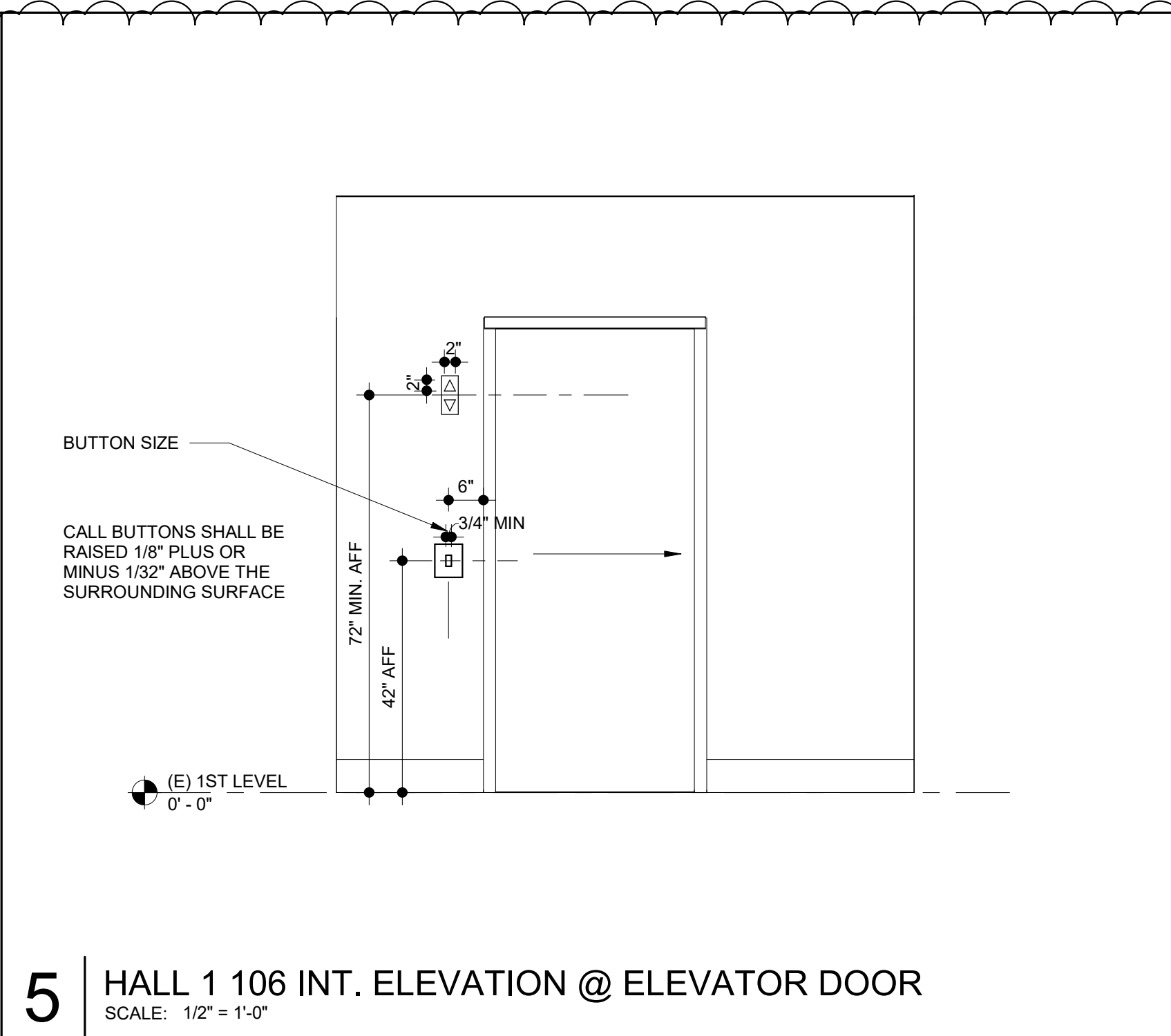
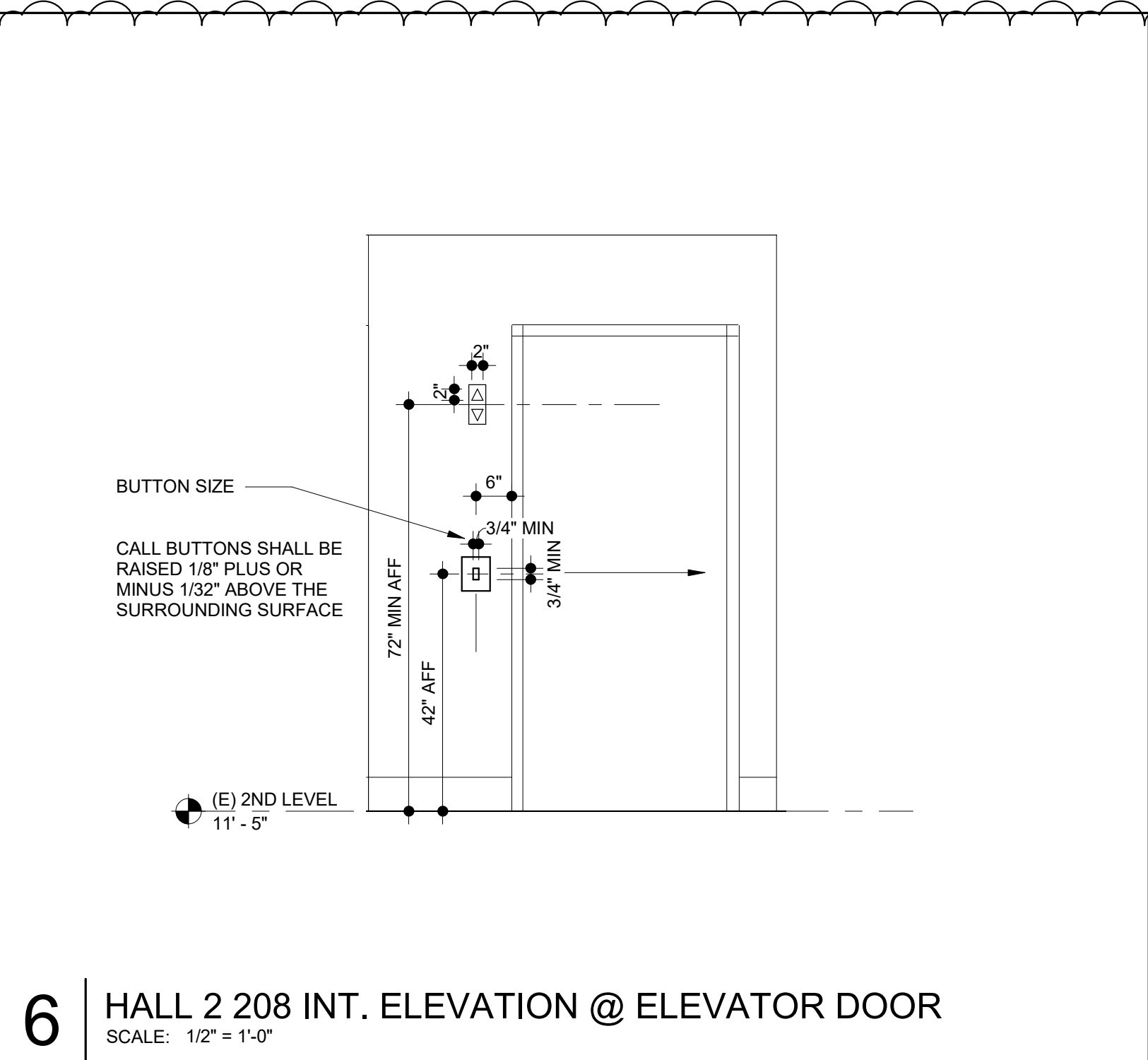
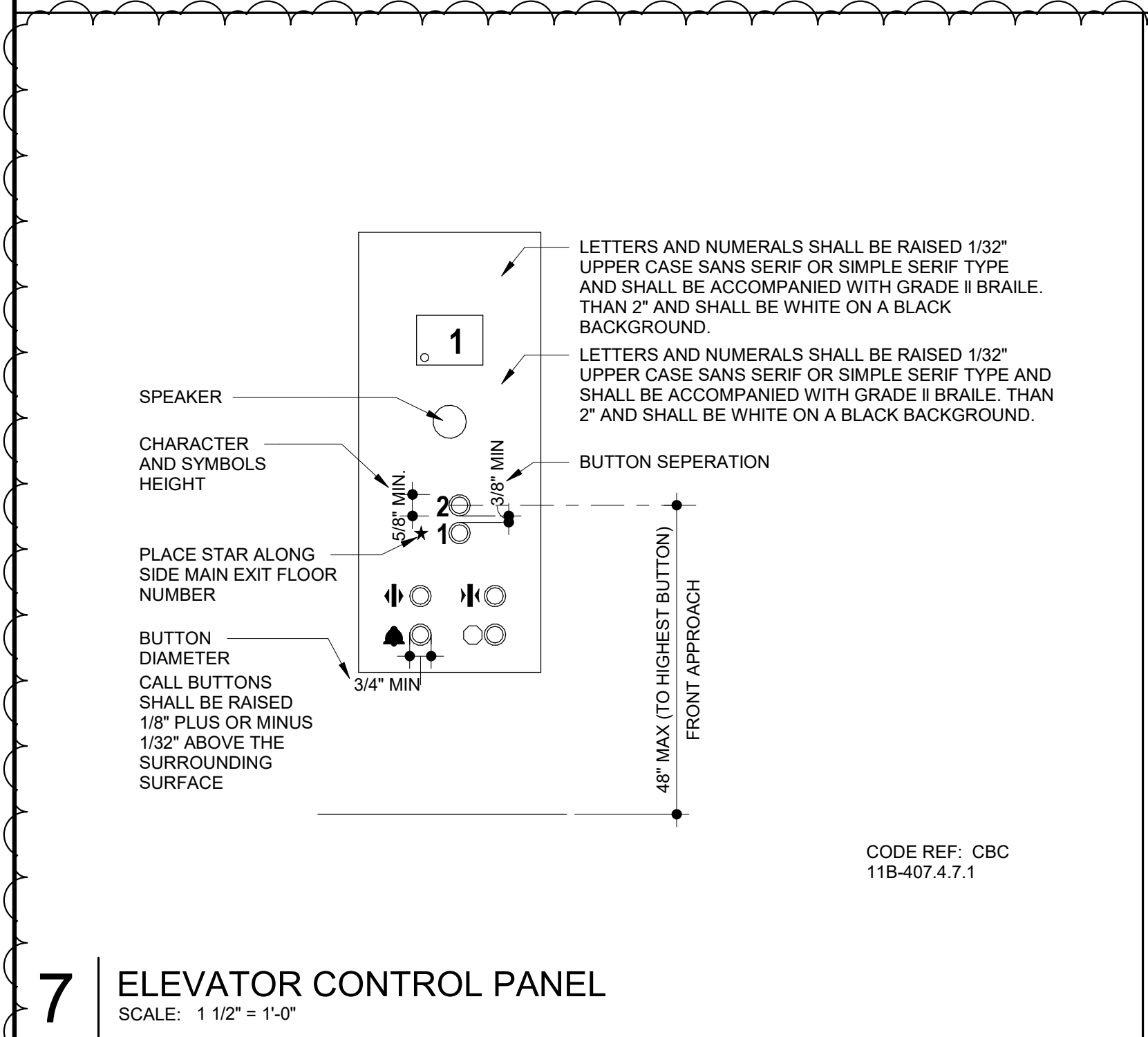
**CIVIL:** BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

**GEOTECH:** HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

**MEP:** LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

**AUDIO/VISUAL:** SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

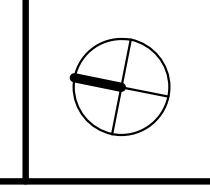
**ESTIMATOR:** MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626



NO.	DESCRIPTION	DATE
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION ENLARGED ELEVATOR ELEVATIONS

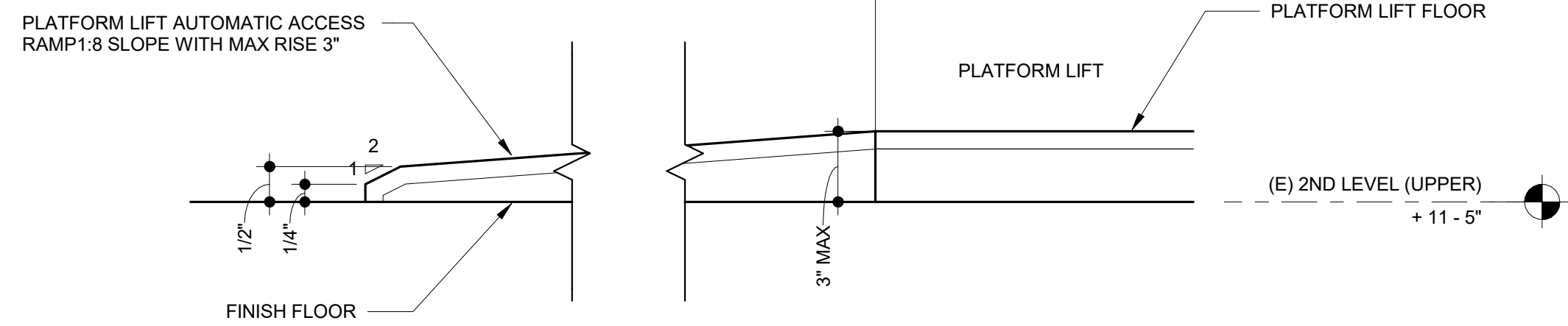


**A704**

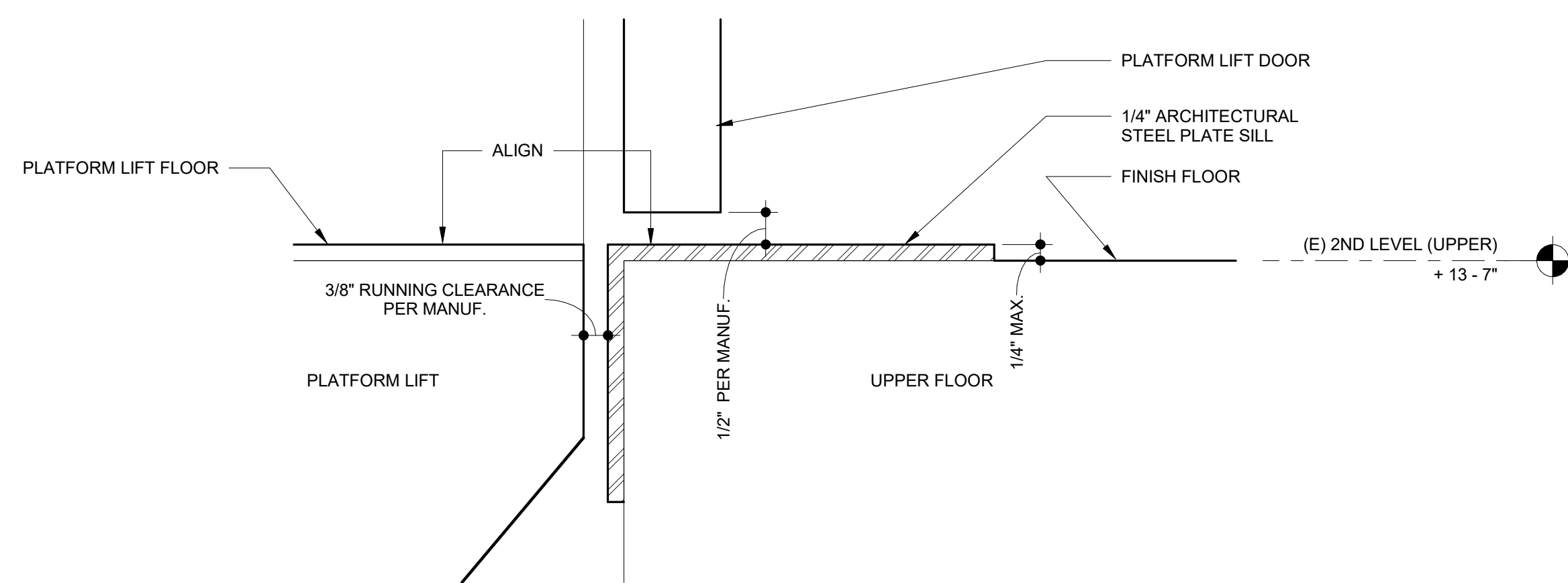
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7/22/2022 11:30:29 AM

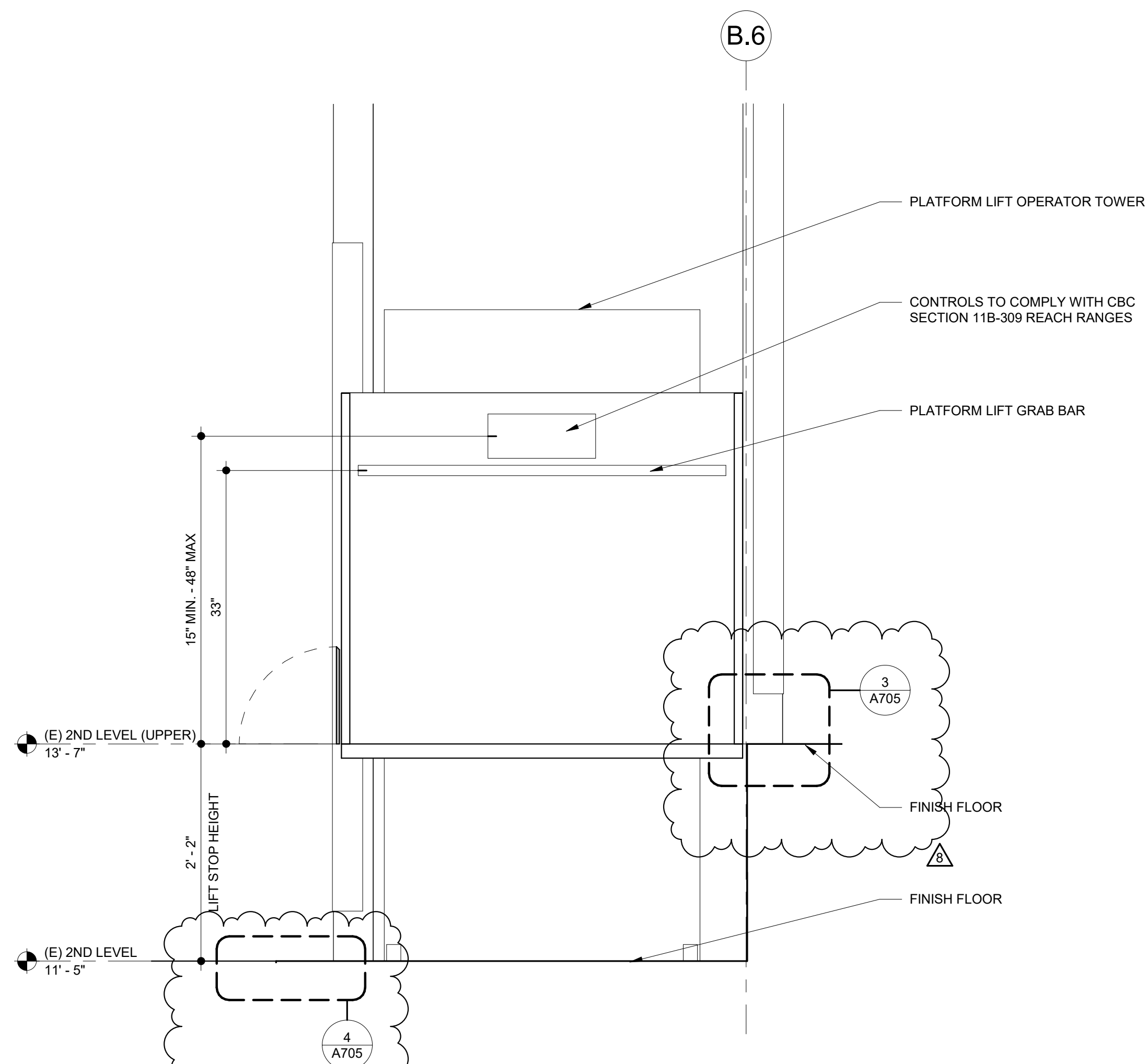




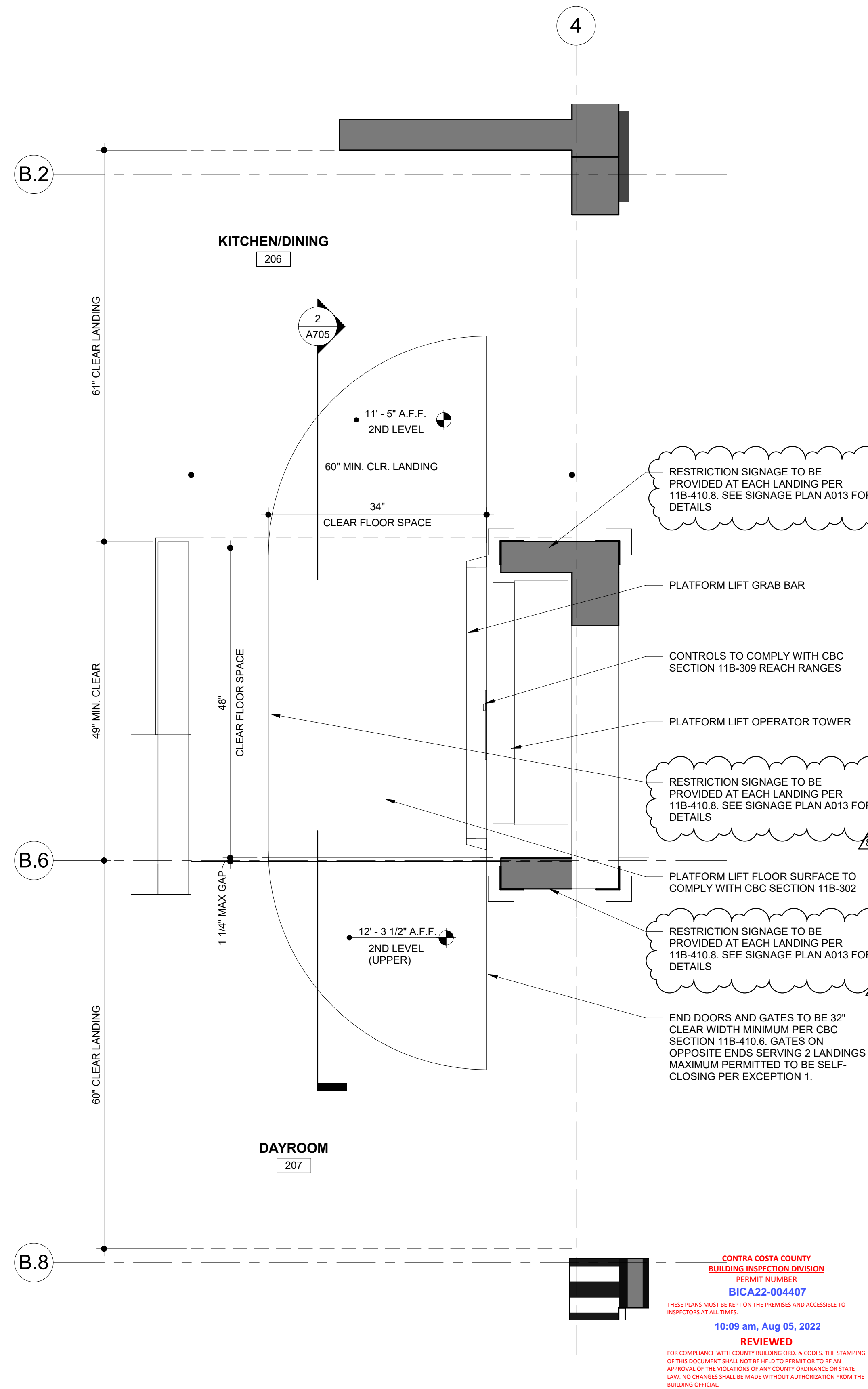
**4** PLATFORM LIFT ACCESS RAMP AT 2ND LEVEL  
SCALE: 6" = 1'-0"



**3** PLATFORM LIFT SILL TRANSITION AT 2ND LEVEL (UPPER)  
SCALE: 6" = 1'-0"



**2** PLATFORM LIFT SECTION  
SCALE: 1" = 1'-0"



**1** PLATFORM LIFT ENLARGED PLAN  
SCALE: 1" = 1'-0"

**SHEET NOTES**

1. PLATFORM LIFT TO CONFORM WITH CBC SECTION 11B-410
2. FOR PLATFORM LIFT SIGNAGE, SEE SIGNAGE PLAN A013

**MARJANG ARCHITECTURE**

STAMP



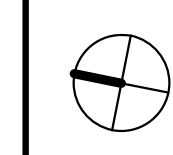
PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064  
ARCHITECT: MARJANG ARCHITECTURE  
830 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600  
STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869  
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200  
GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544  
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390  
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
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ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE. #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ENLARGED WHEELCHAIR LIFT PLAN SECTION. &  
DETAILS



**A705**



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

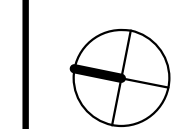
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
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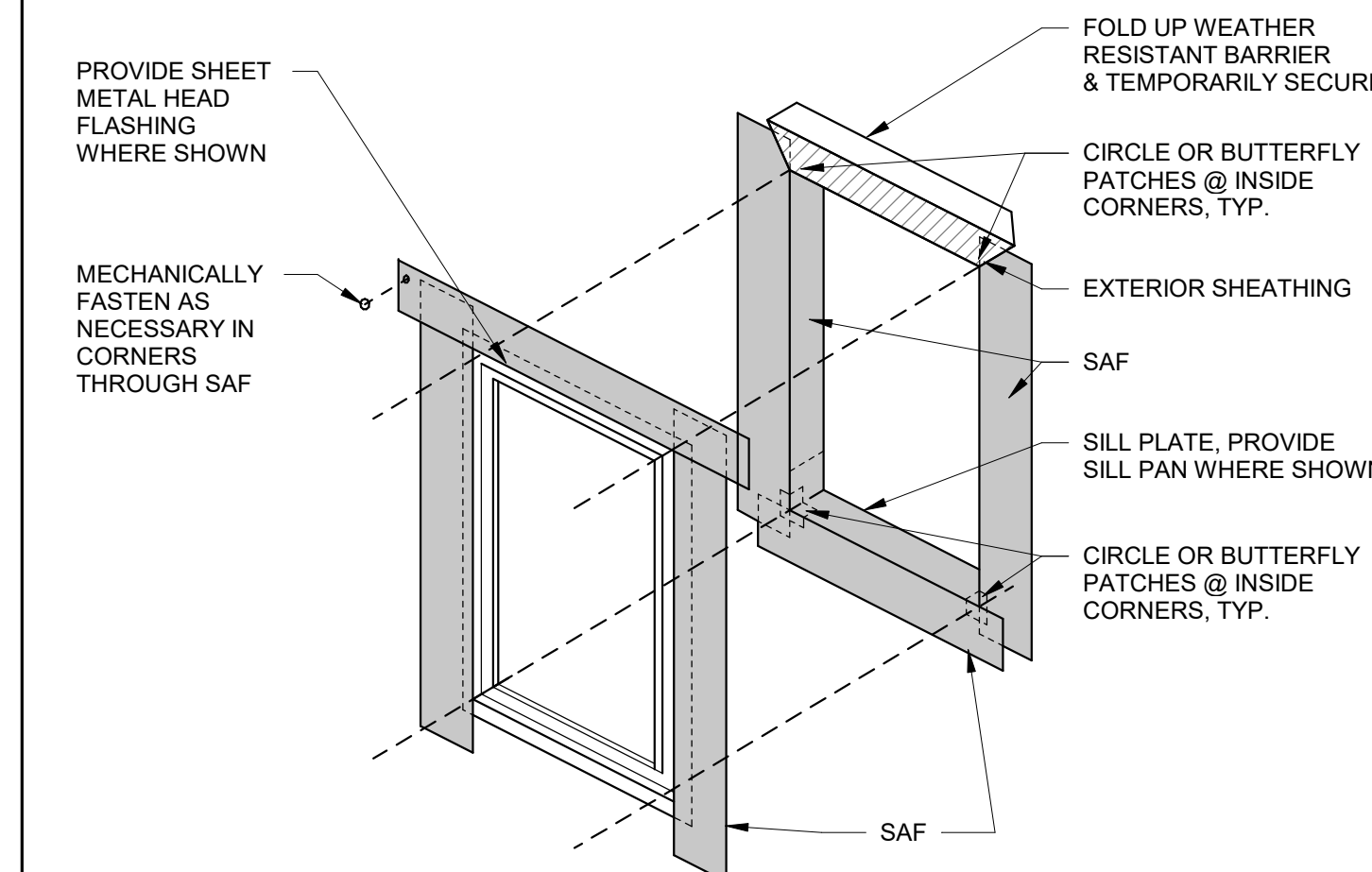
NO.	DESCRIPTION	DATE
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

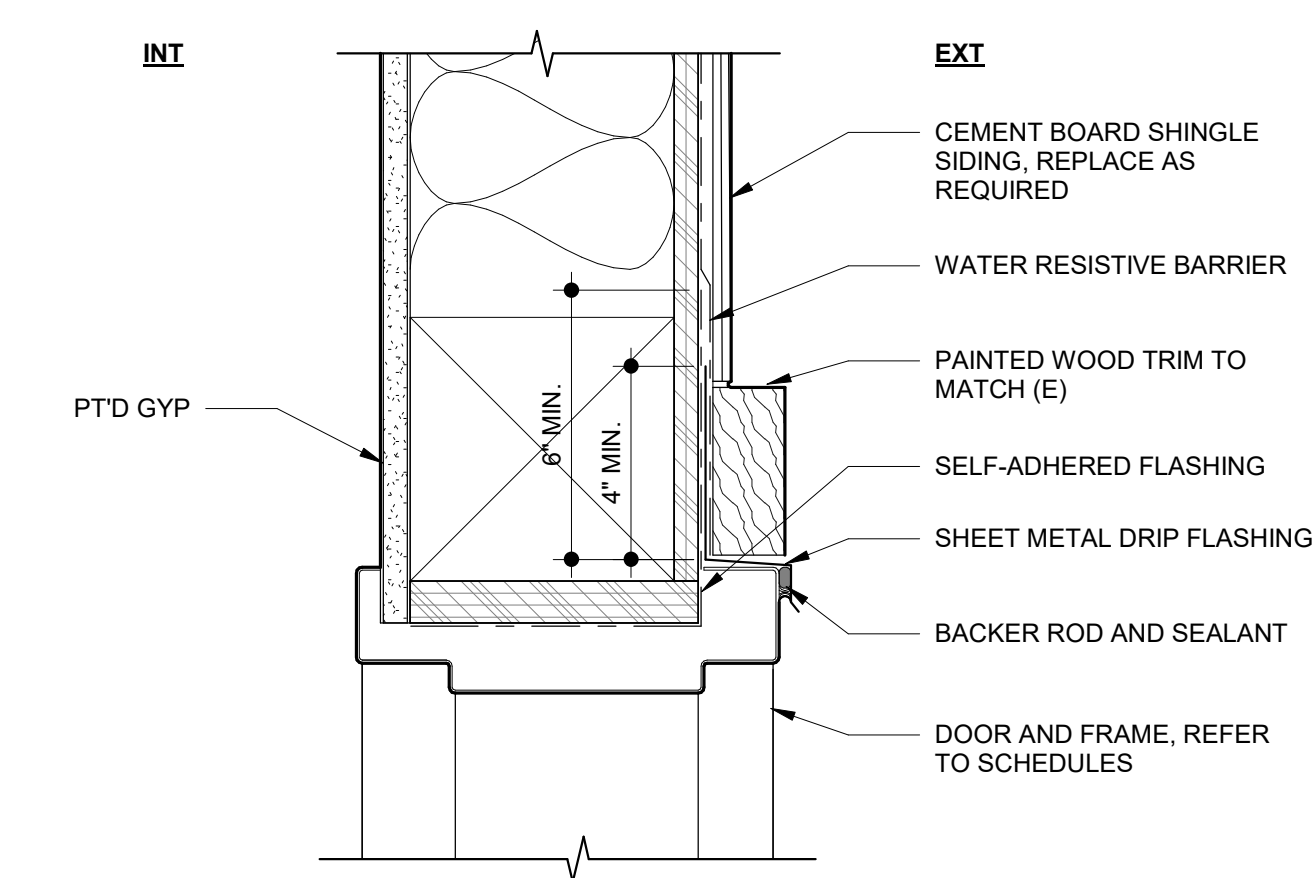
DESCRIPTION  
 EXTERIOR DETAILS



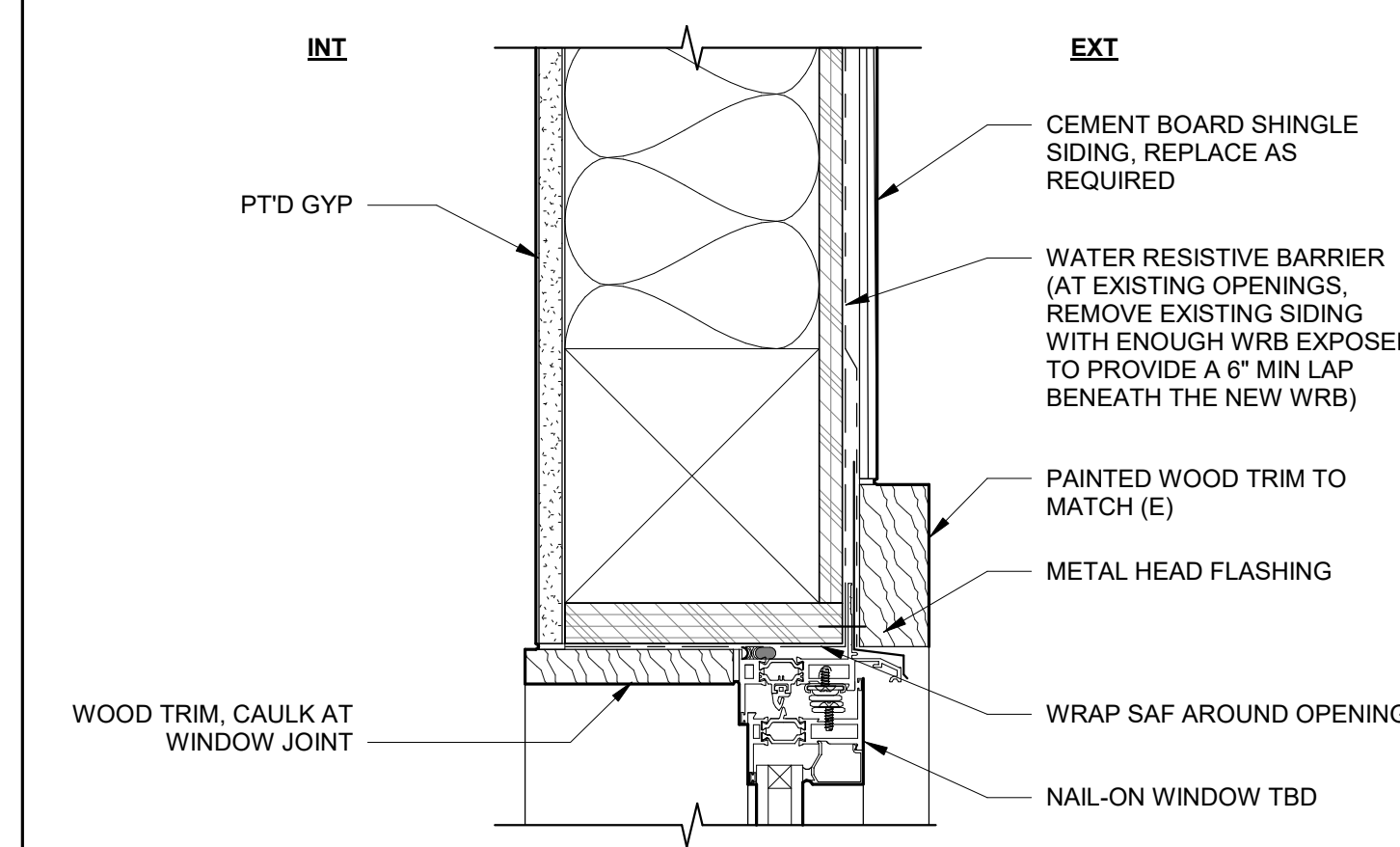
## A801



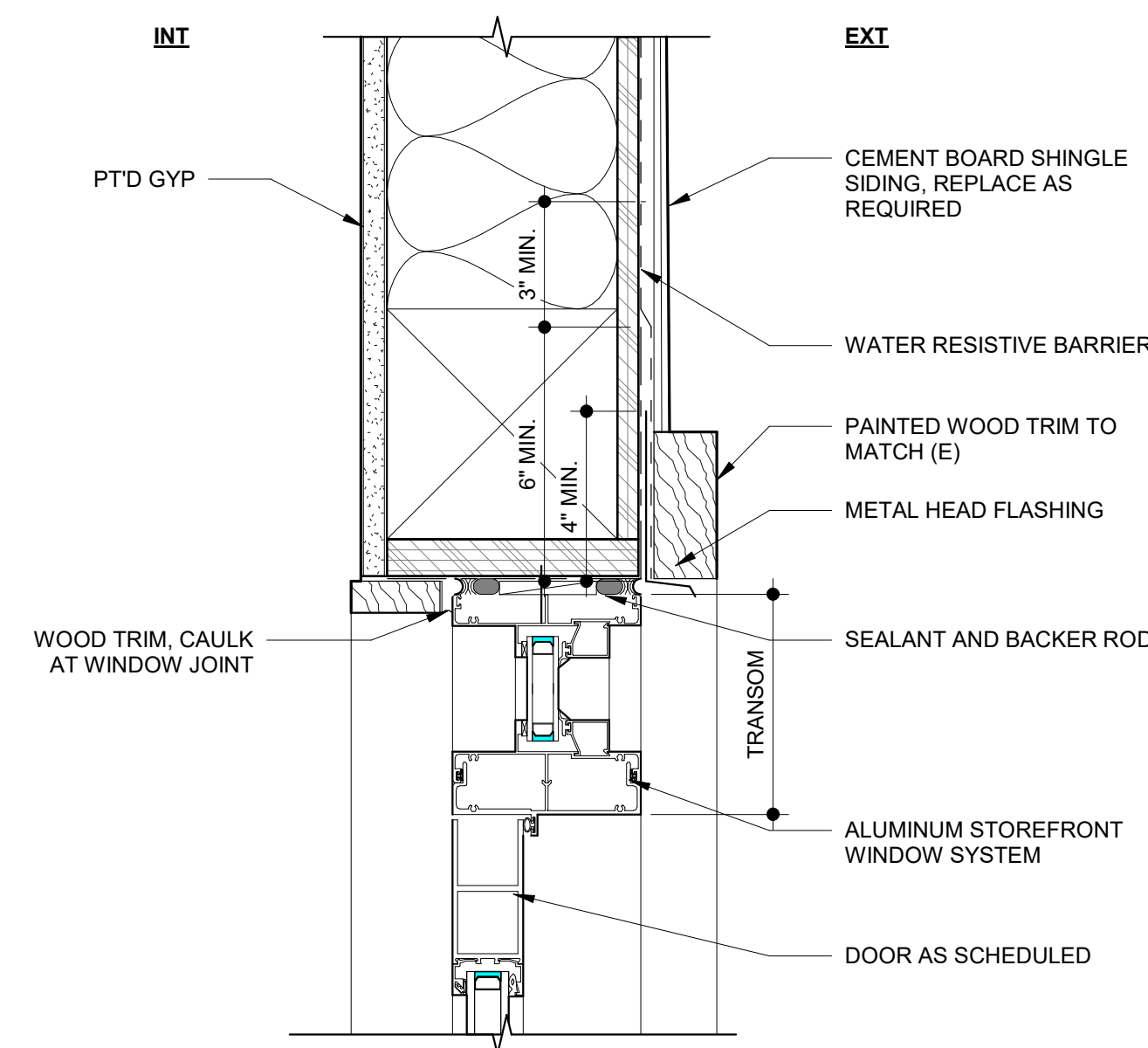
**4 WINDOW SAF DETAIL**  
 SCALE: 3" = 1'-0"



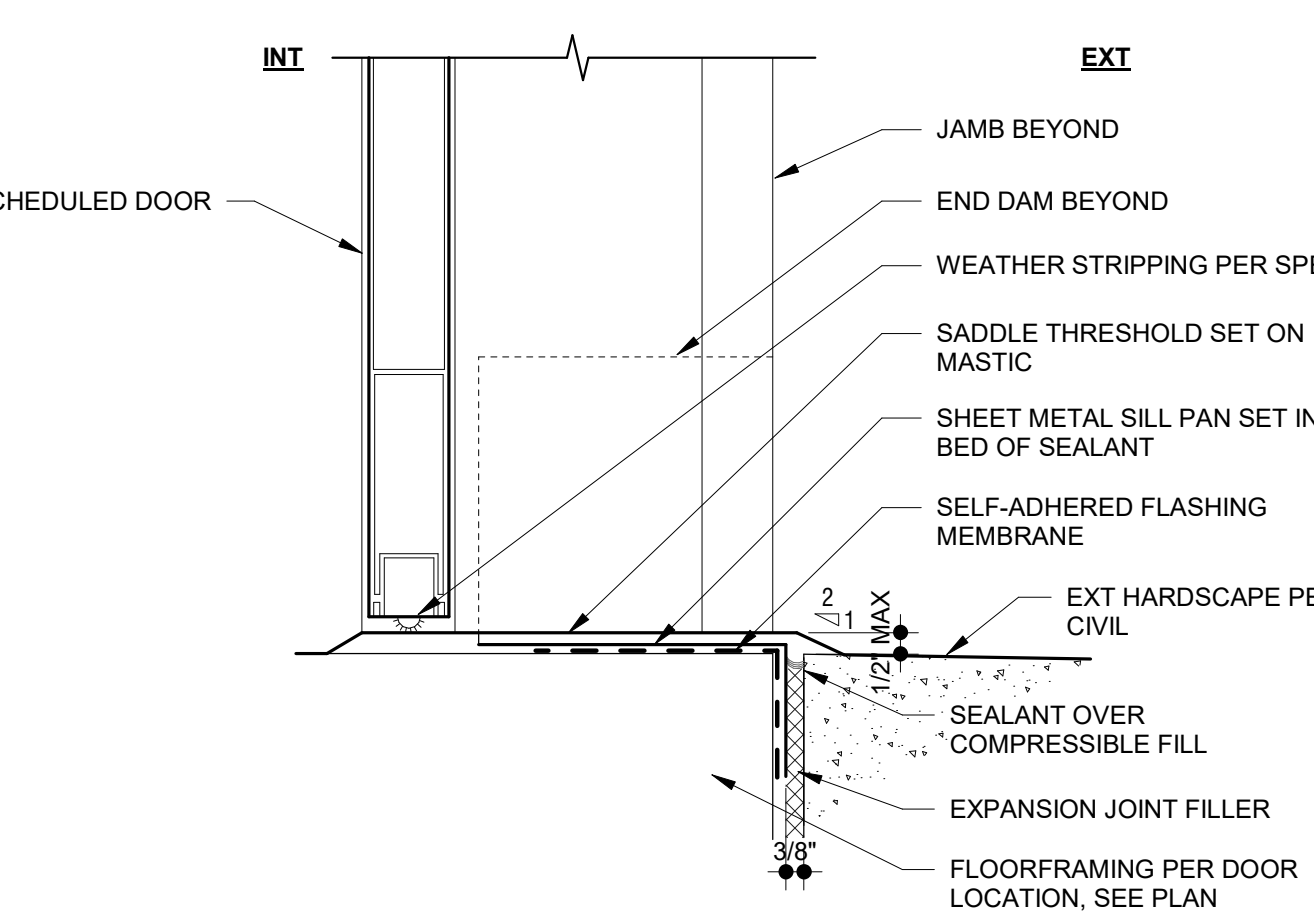
**7 EXTERIOR DOOR HEAD DETAIL**  
 SCALE: 3" = 1'-0"



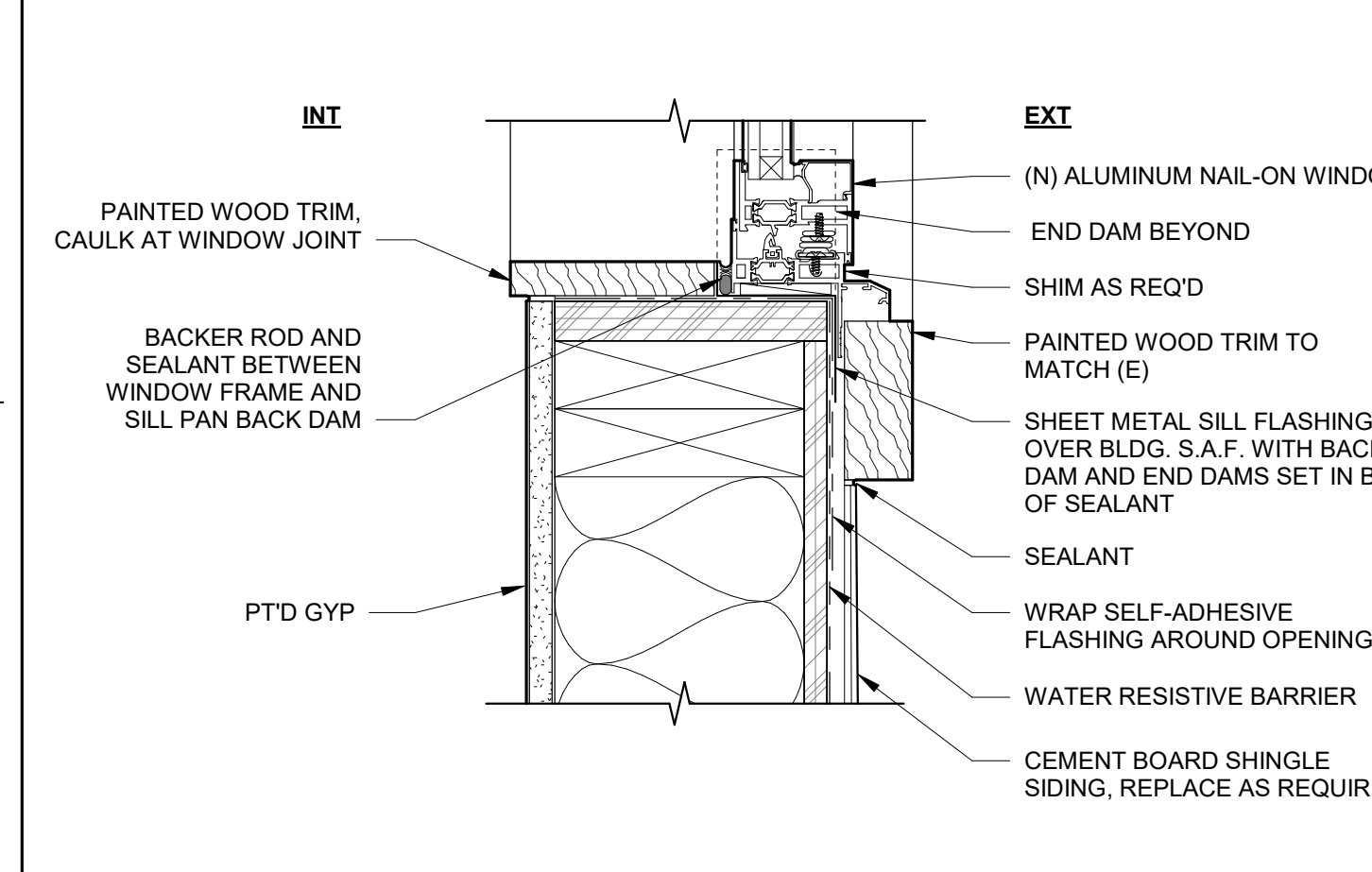
**3 EXTERIOR WINDOW HEAD DETAIL**  
 SCALE: 3" = 1'-0"



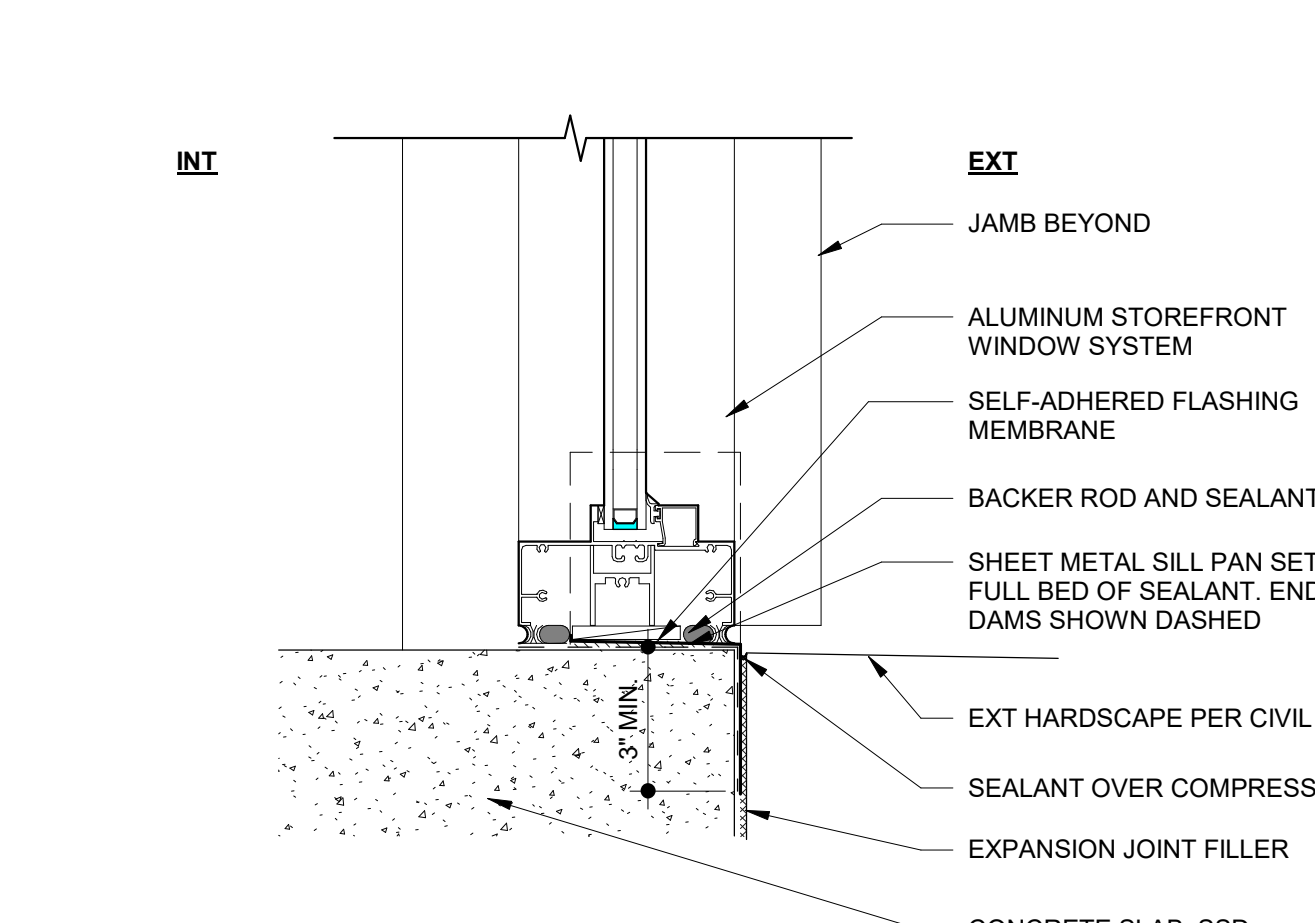
**11 EXTERIOR STOREFRONT HEAD DETAIL**  
 SCALE: 3" = 1'-0"



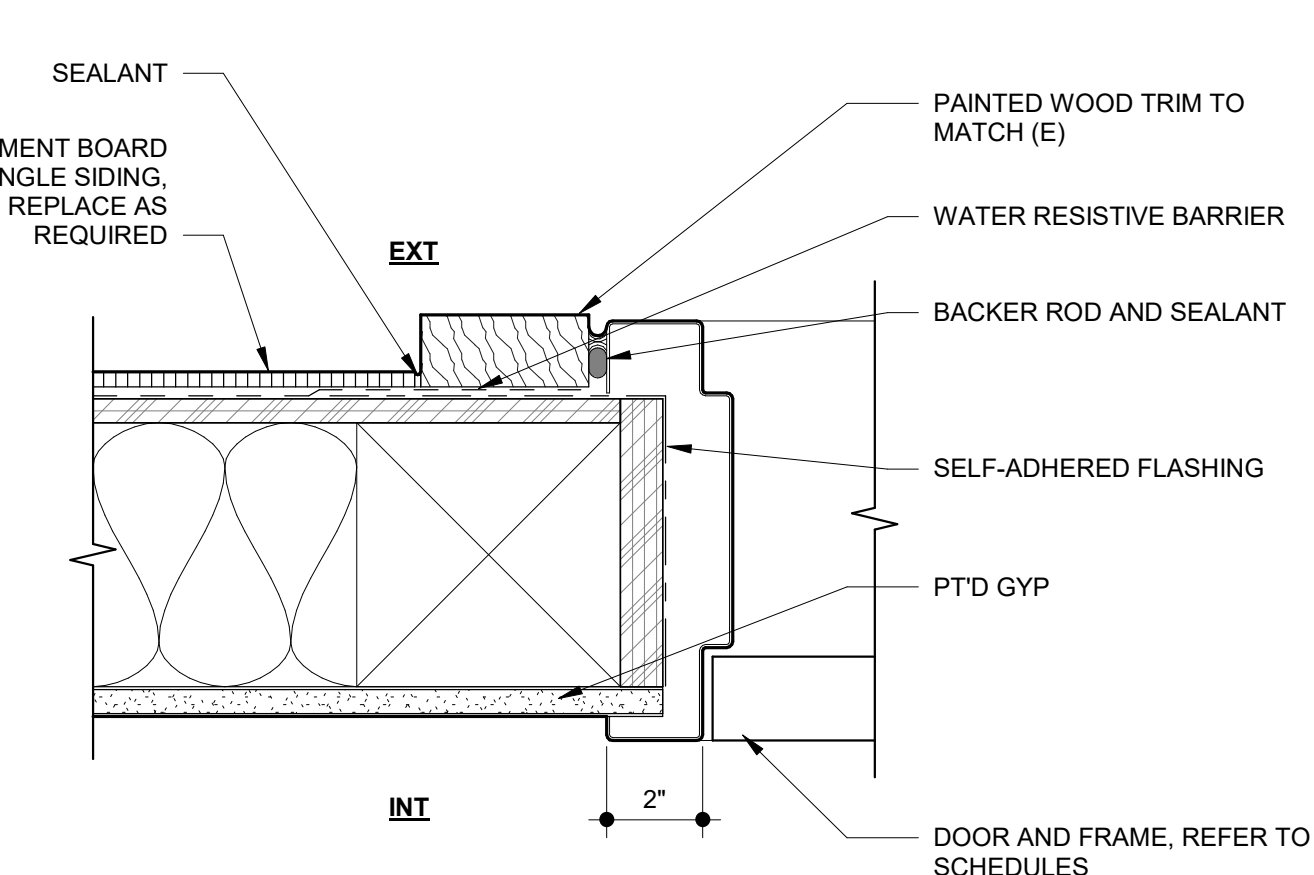
**6 EXTERIOR DOOR THRESHOLD DETAIL**  
 SCALE: 3" = 1'-0"



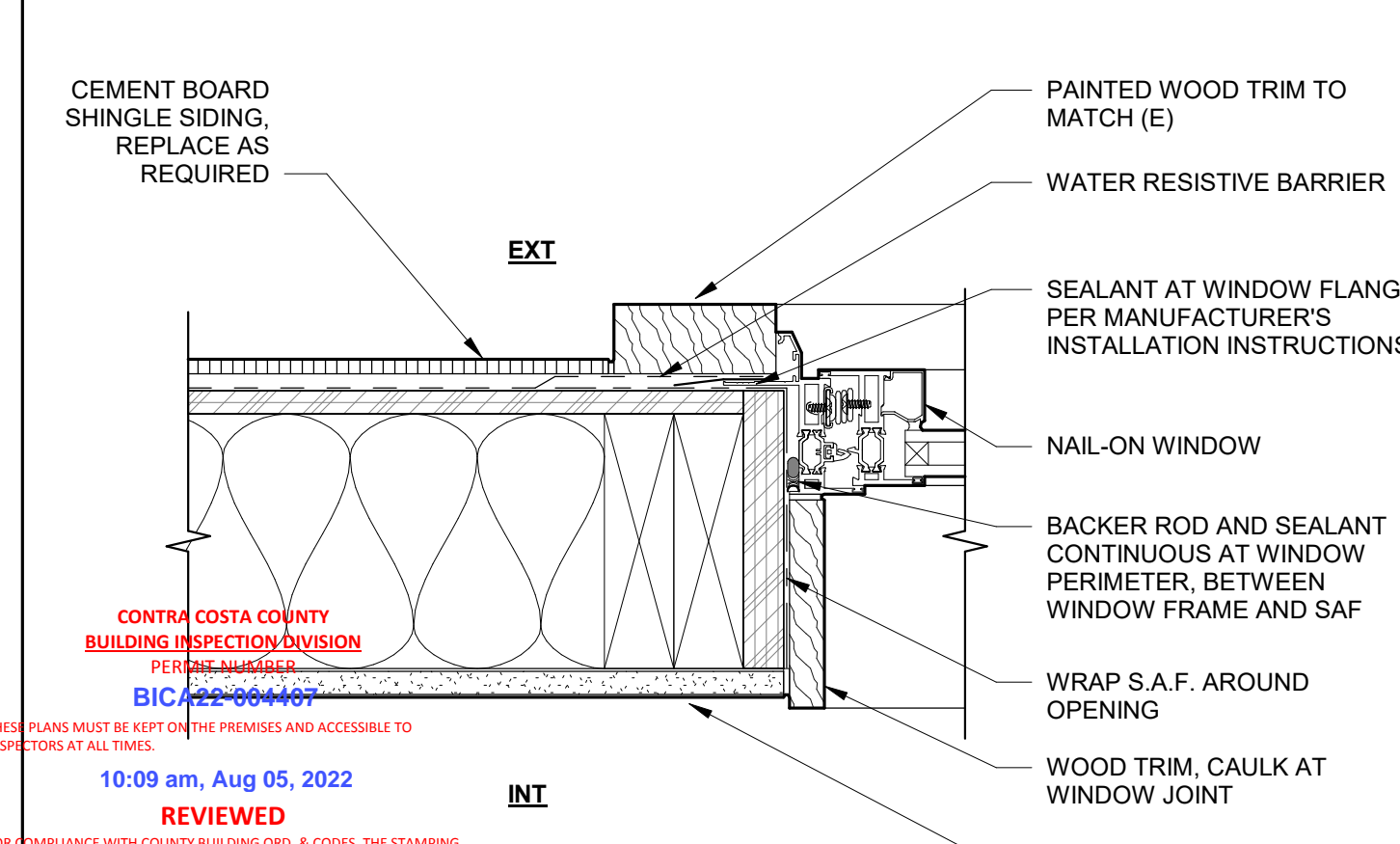
**2 EXTERIOR WINDOW SILL DETAIL**  
 SCALE: 3" = 1'-0"



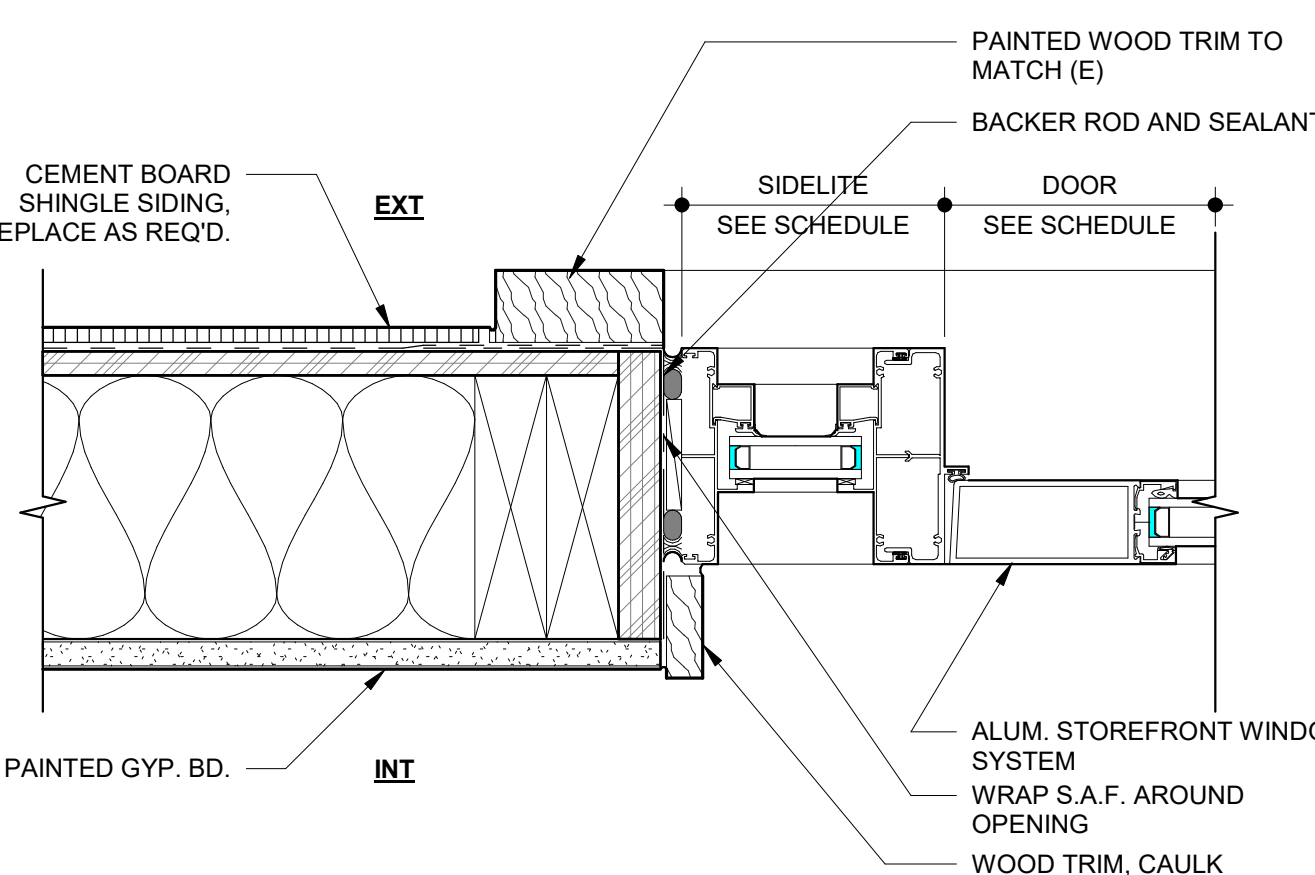
**10 EXTERIOR STOREFRONT SILL DETAIL**  
 SCALE: 3" = 1'-0"



**5 EXTERIOR DOOR JAMB DETAIL**  
 SCALE: 3" = 1'-0"



**1 EXTERIOR WINDOW JAMB DETAIL**  
 SCALE: 3" = 1'-0"



**9 EXTERIOR STOREFRONT JAMB DETAIL**  
 SCALE: 3" = 1'-0"

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PE 100000000  
 BIC 22-06-0000  
 10:09 am, Aug 05, 2022  
 REVIEWED

FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO ELIMINATE APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.



STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE.  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
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ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

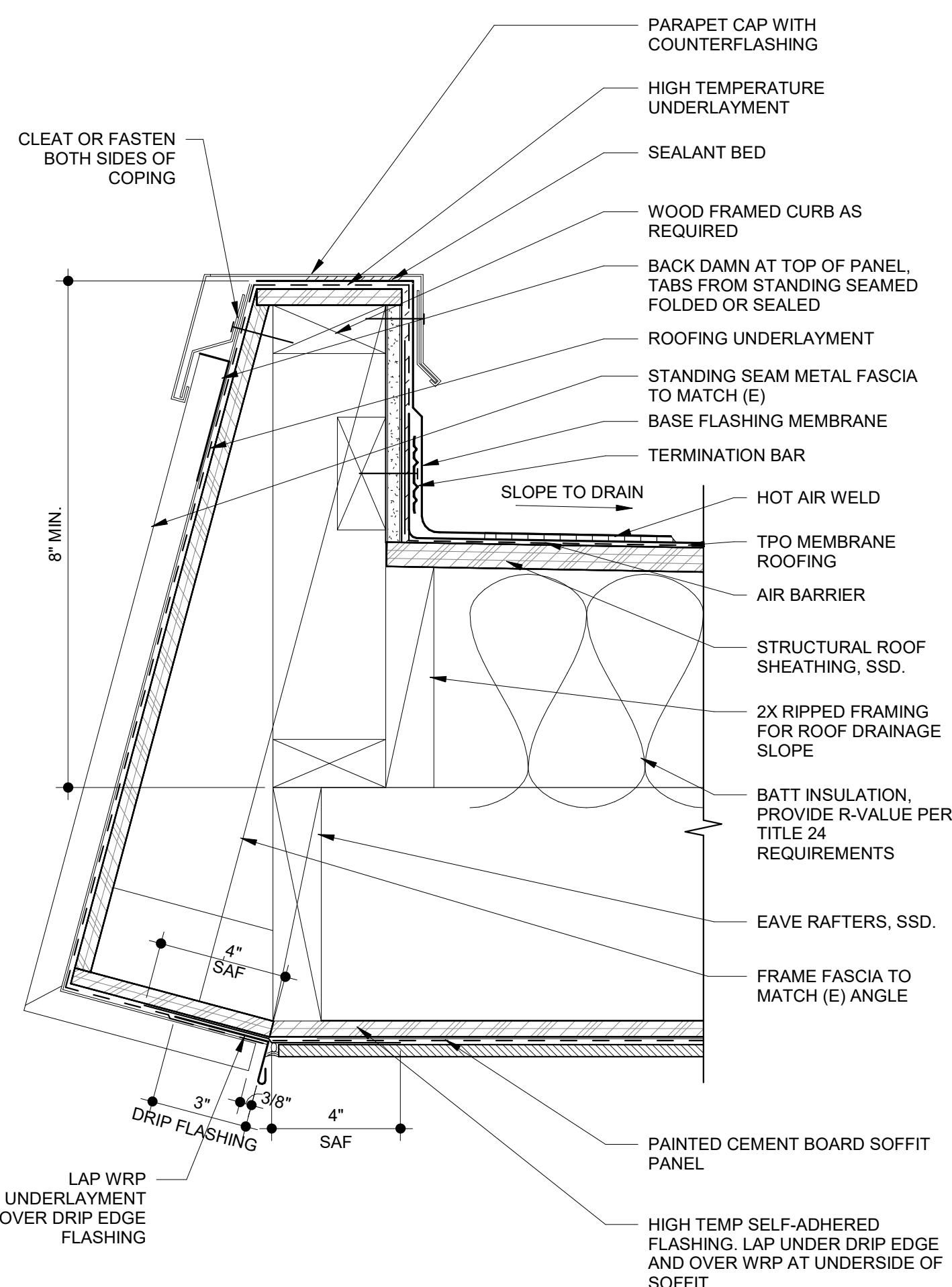
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

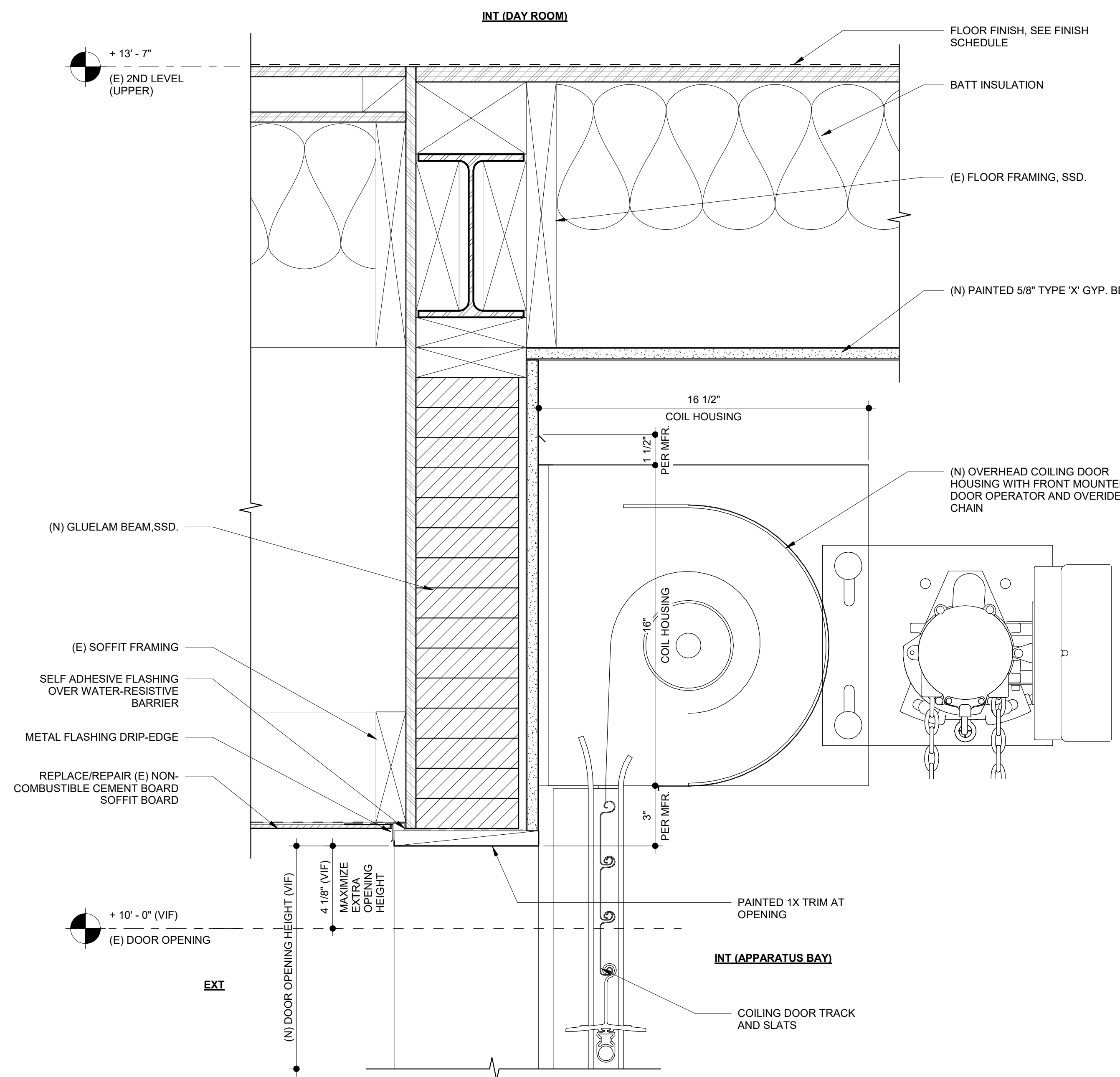
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
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AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
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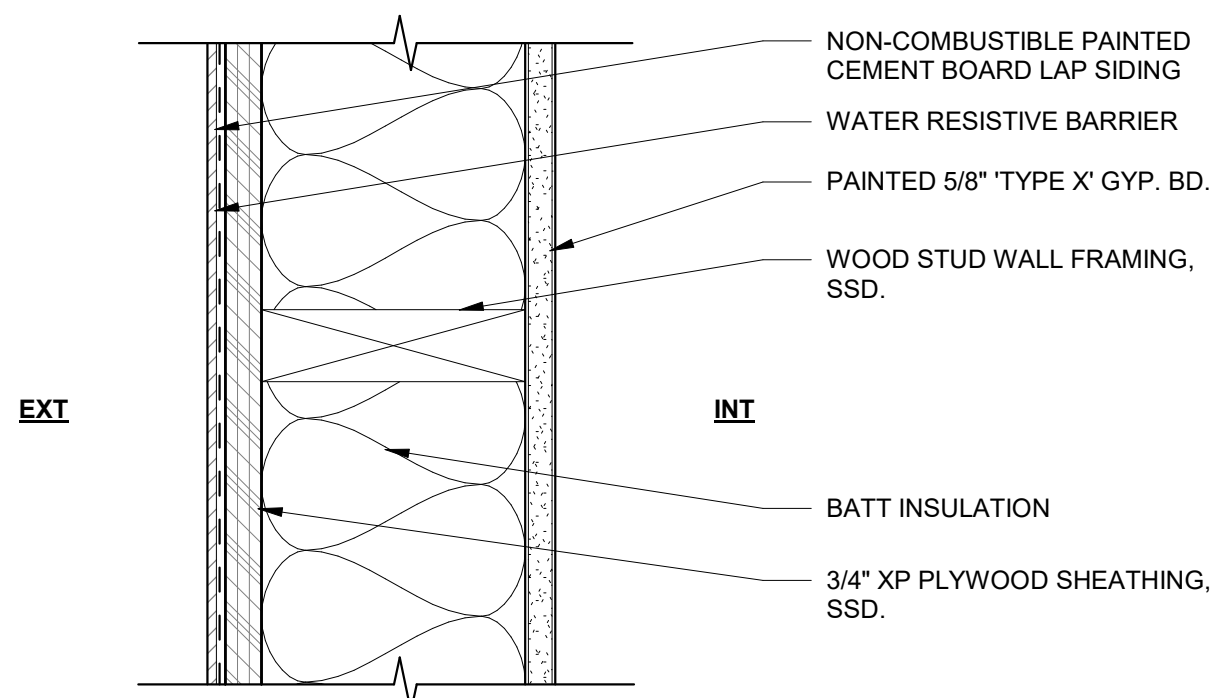
ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626



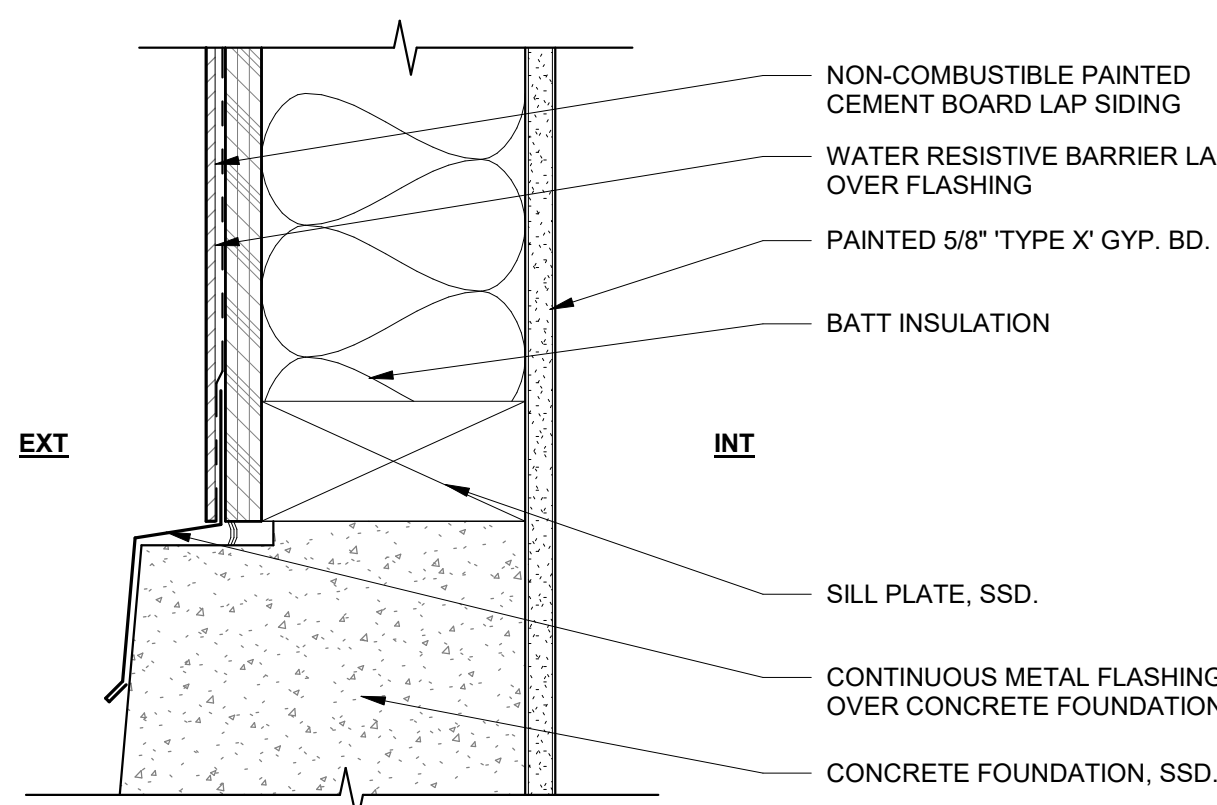
**11** ROOF EAVE DETAIL - SECTION  
 SCALE: 3" = 1'-0"



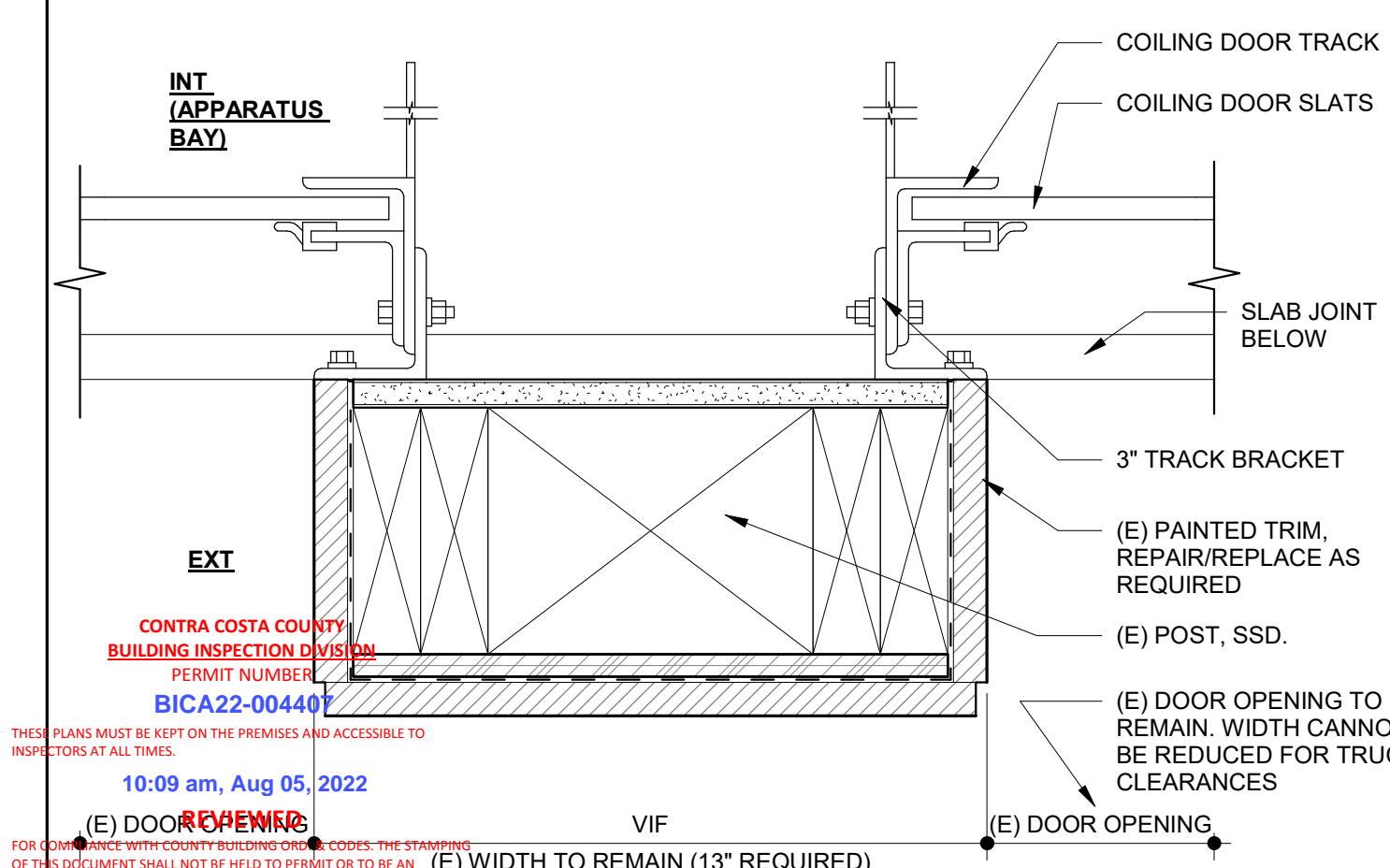
**6** OVERHEAD COILING DOOR HEAD SECTION DETAIL  
 SCALE: 3" = 1'-0"



**10** 1-HR RATED EXTERIOR WALL PLAN DETAIL  
 SCALE: 3" = 1'-0"



**9** EXTERIOR WALL BASE @ FOUNDATION  
 SCALE: 3" = 1'-0"

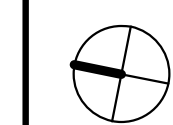


**1** OVERHEAD COILING DOOR JAMB DETAIL  
 SCALE: 3" = 1'-0"

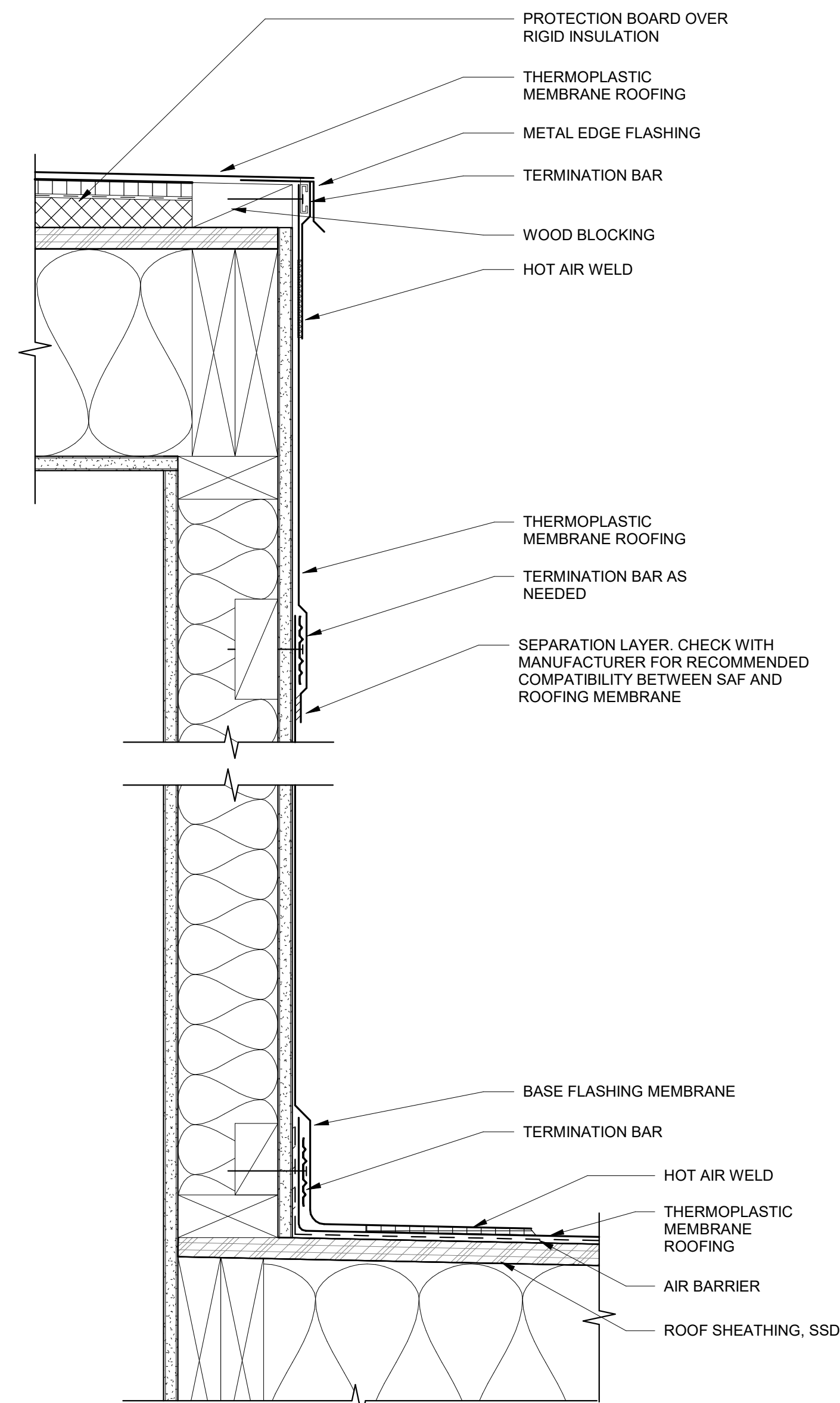
NO.	DESCRIPTION	DATE
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

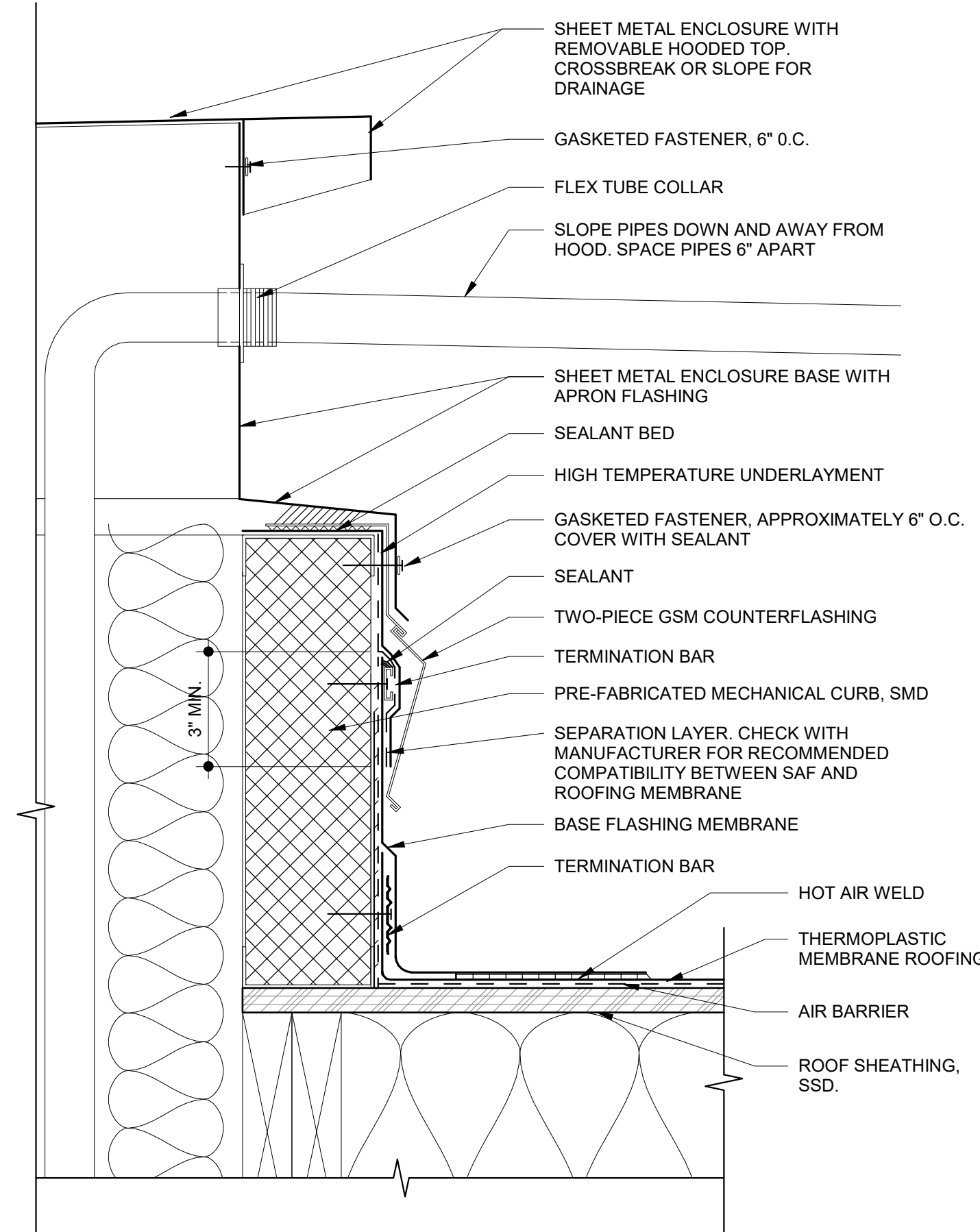
DESCRIPTION  
 EXTERIOR DETAILS



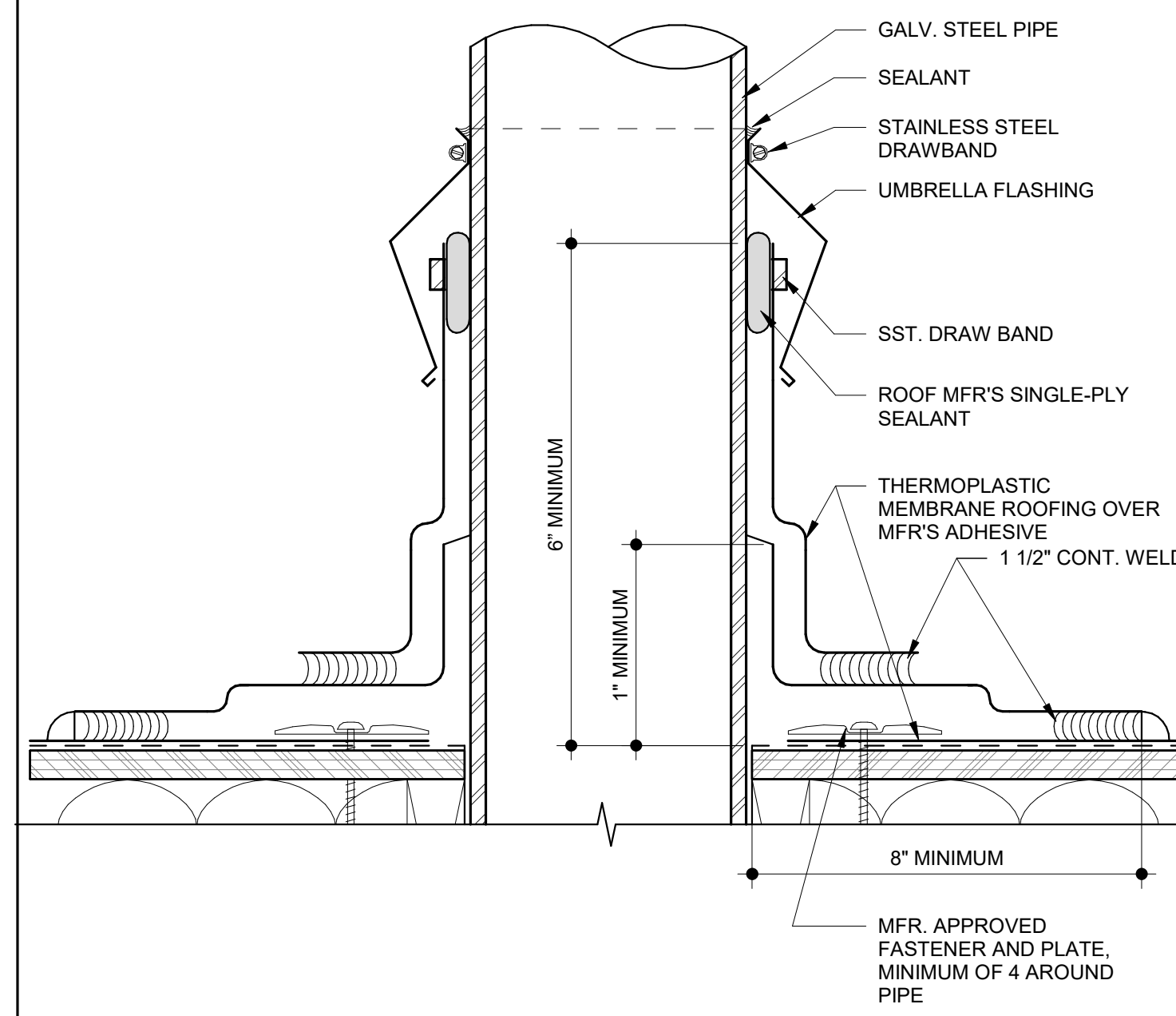
**A802**



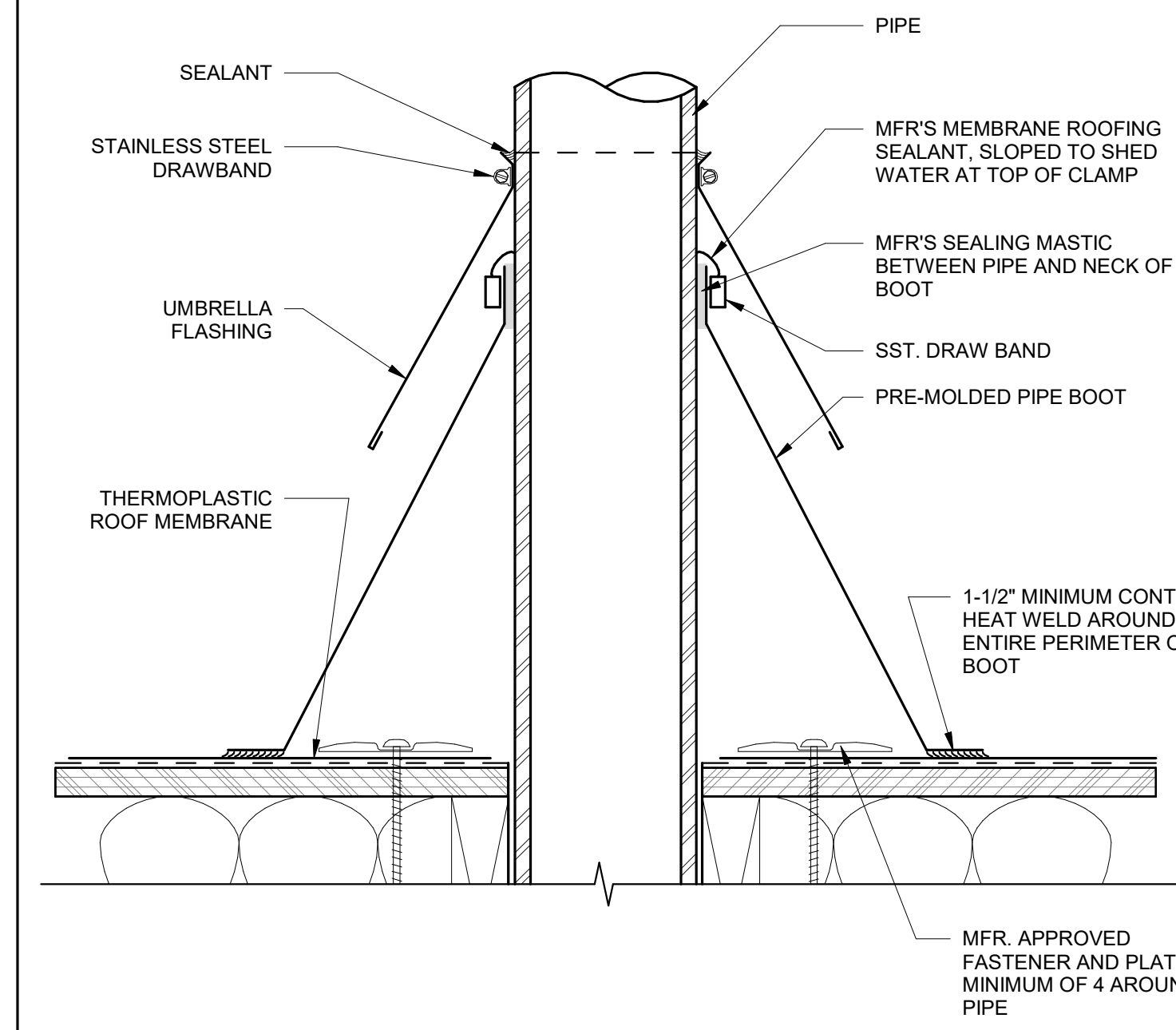
**11** TPO MEMBRANE ROOF @ PENTHOUSE  
SCALE: 3" = 1'-0"



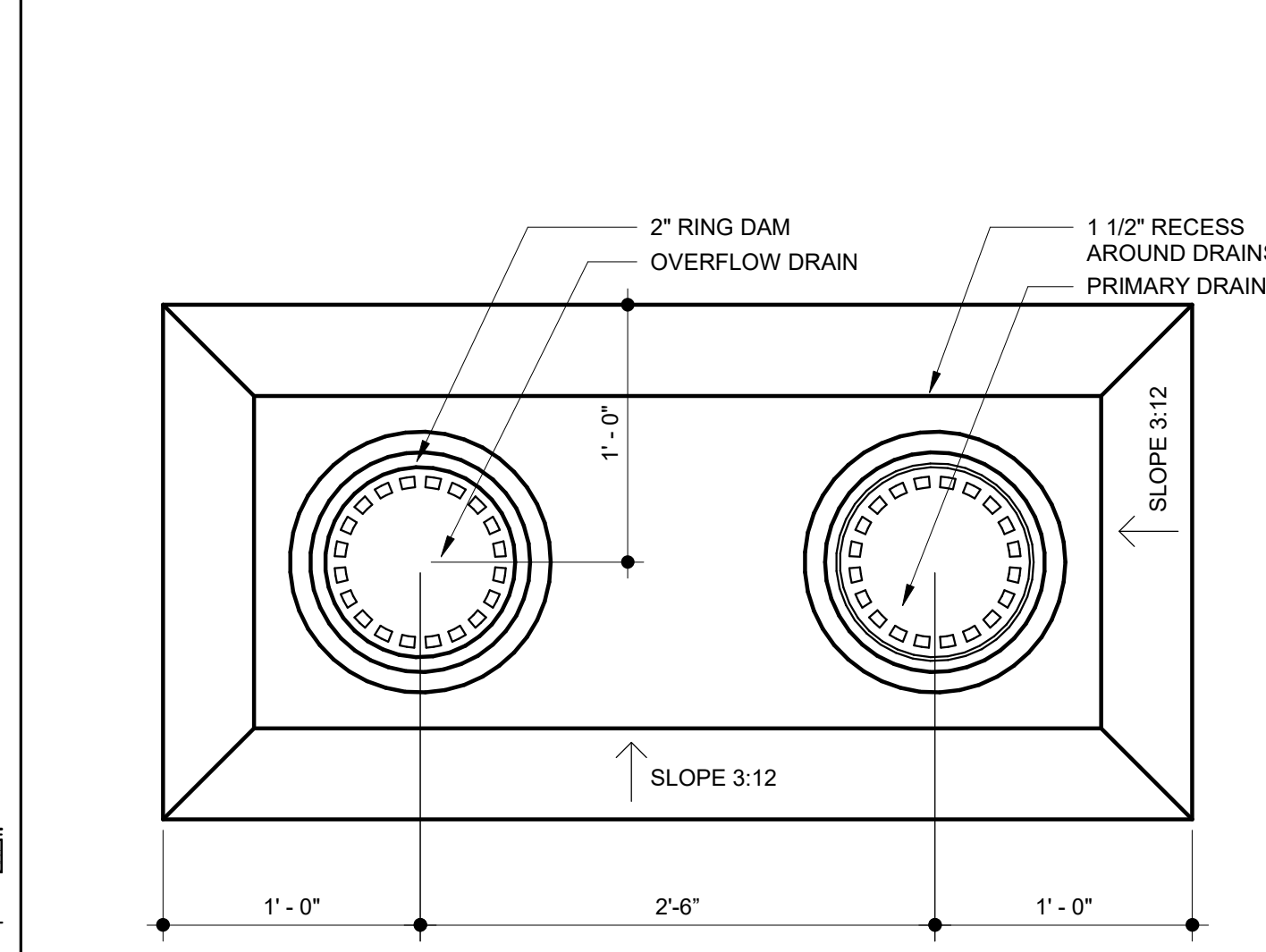
**8** MULTIPLE PIPE PENETRATION DETAIL  
SCALE: 3" = 1'-0"



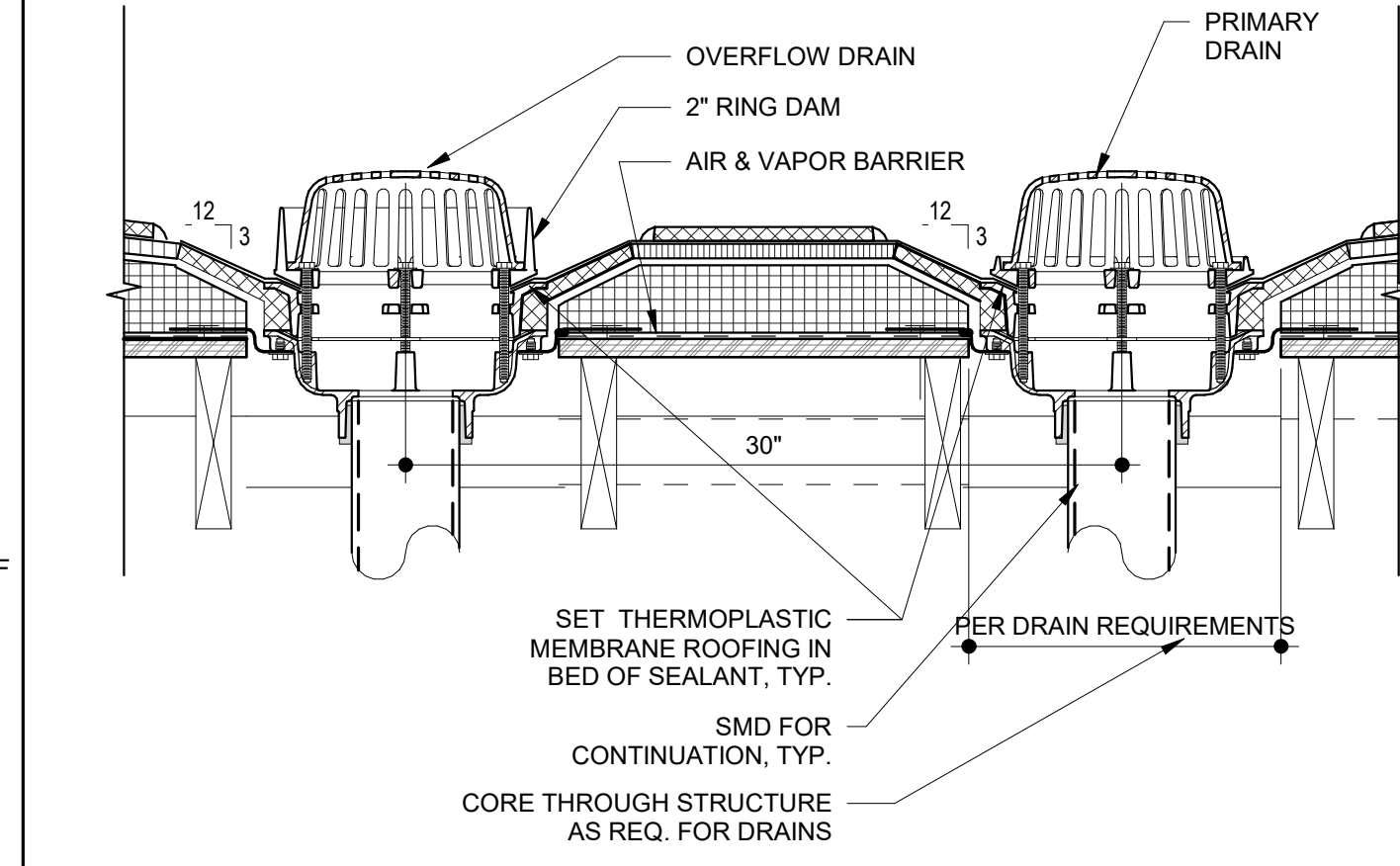
**6** TPO PIPE PENETRATION GREATER THAN 8" DIA  
SCALE: 3" = 1'-0"



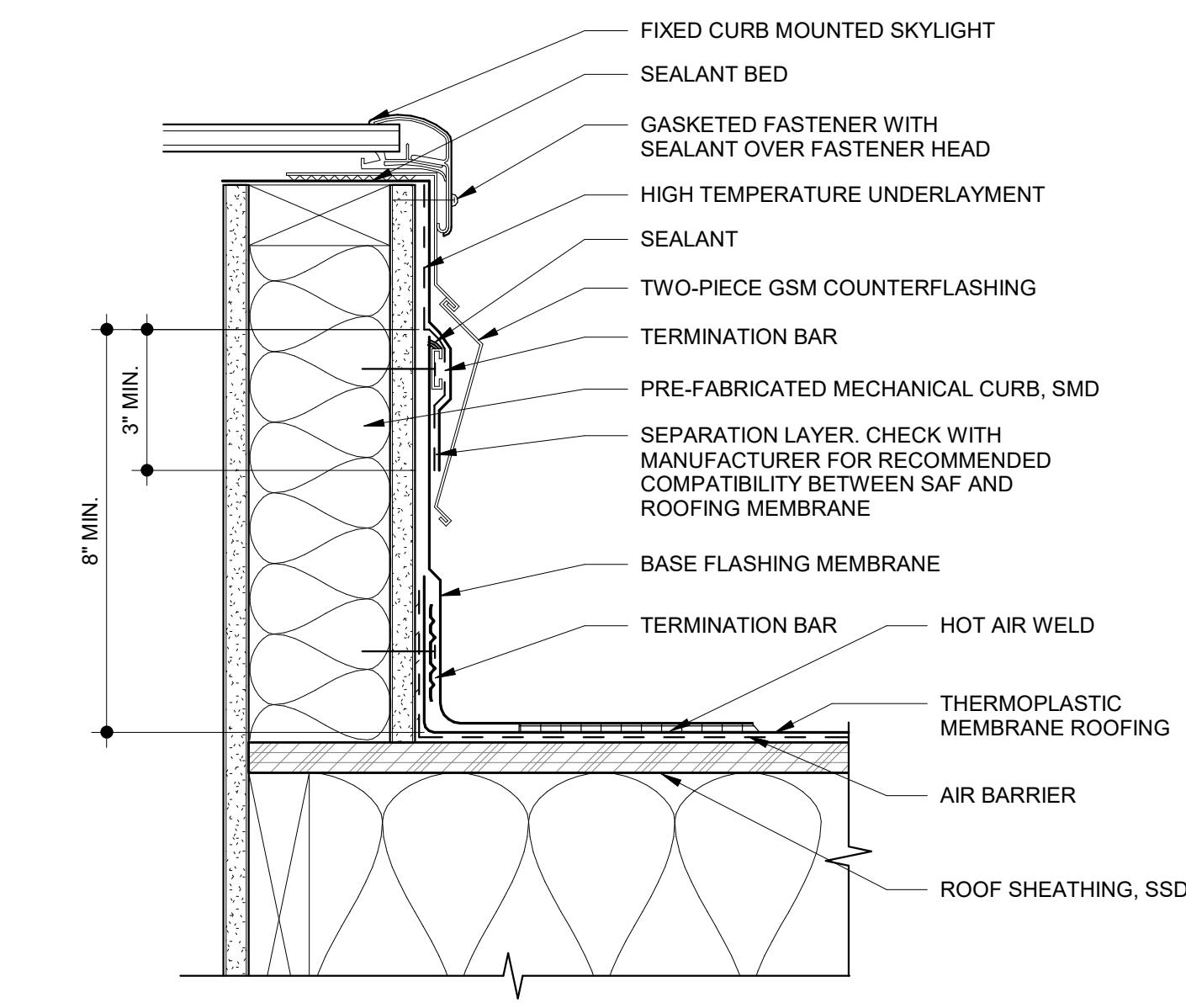
**5** TPO PIPE PENETRATION LESS THAN 8" DIA  
SCALE: 3" = 1'-0"



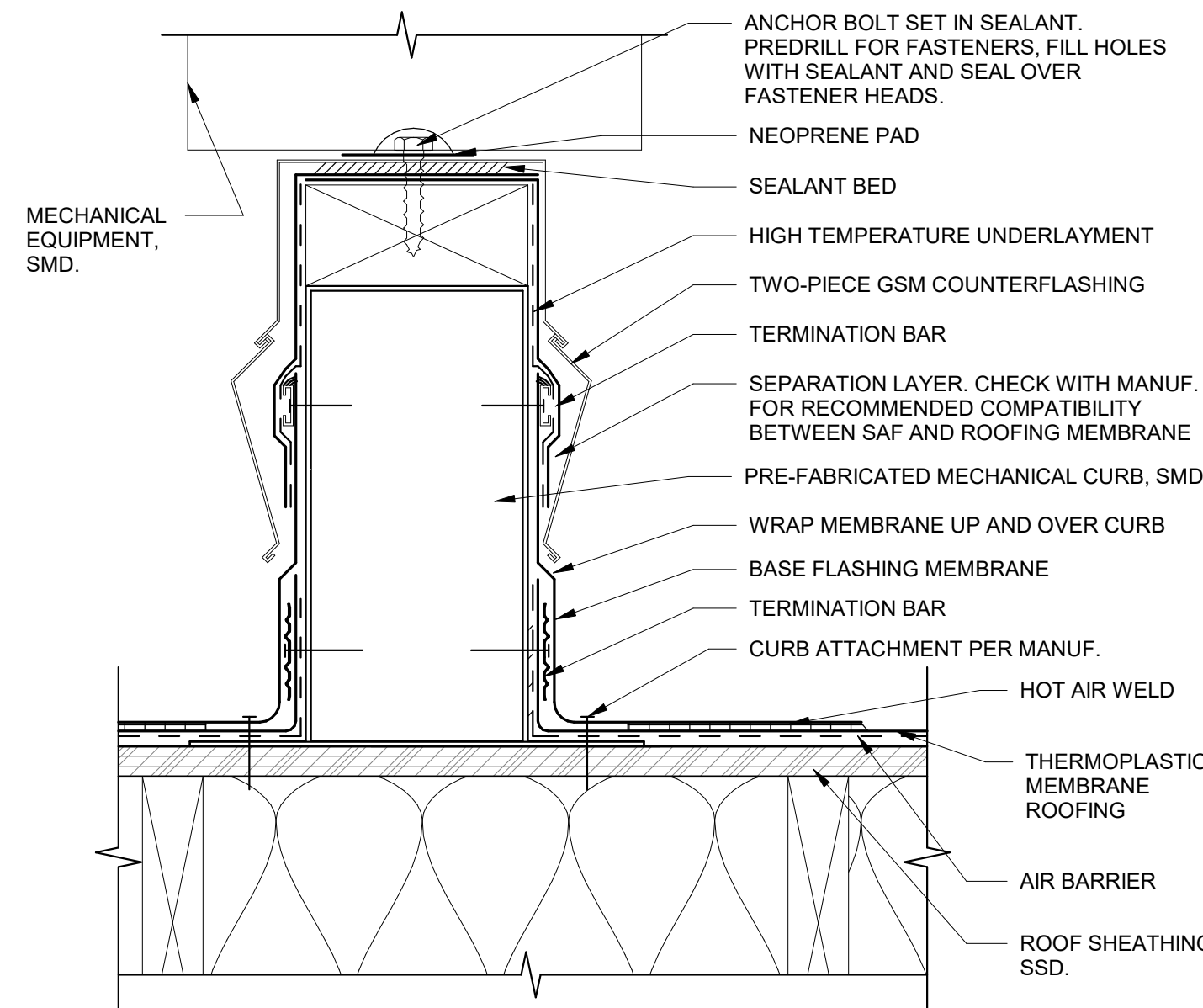
**3** ROOF MEMBRANE AT DRAIN AND OVERFLOW - PLAN  
SCALE: 1 1/2" = 1'-0"



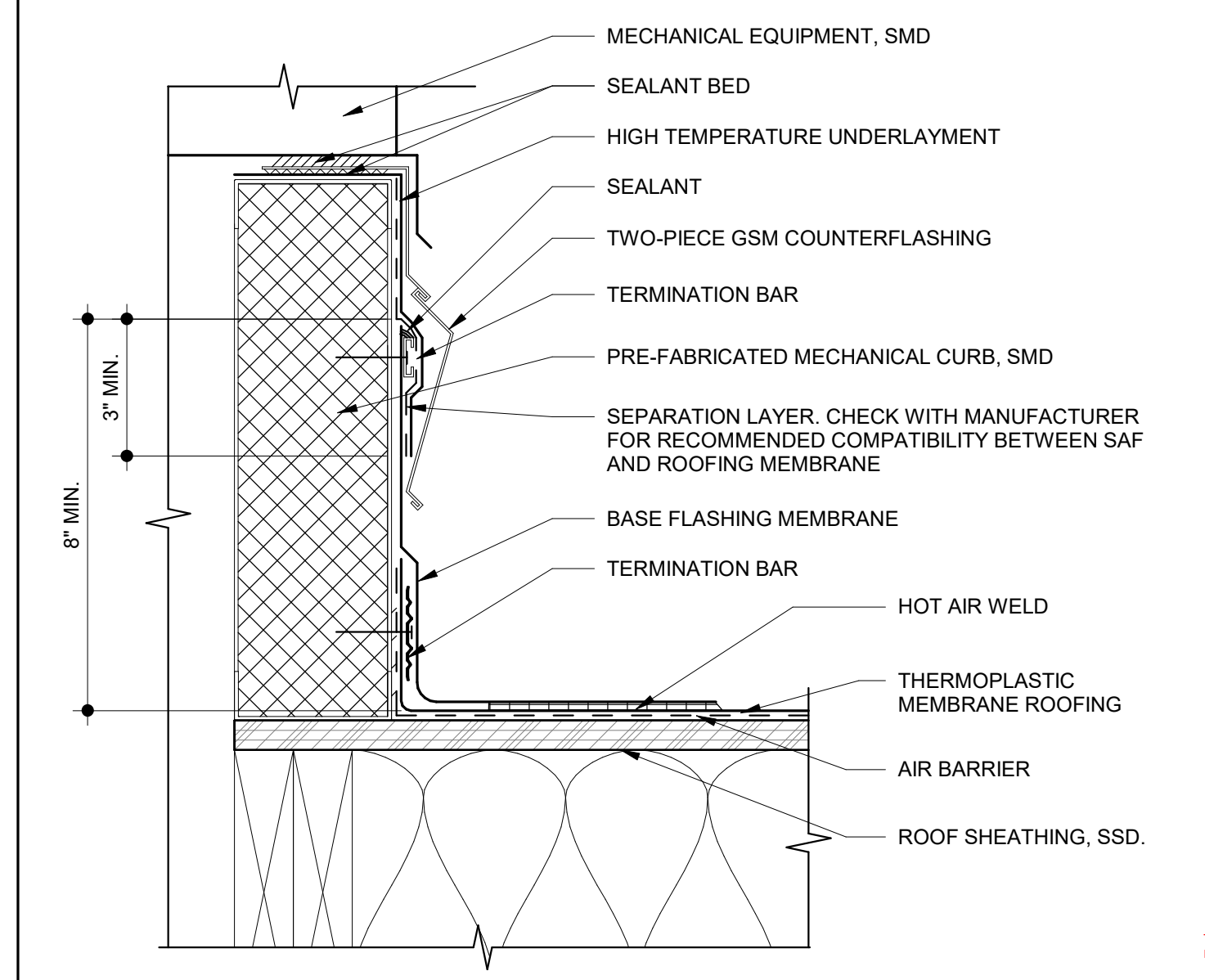
**2** ROOF MEMBRANE AT DRAIN & OVERFLOW - SECTION  
SCALE: 1 1/2" = 1'-0"



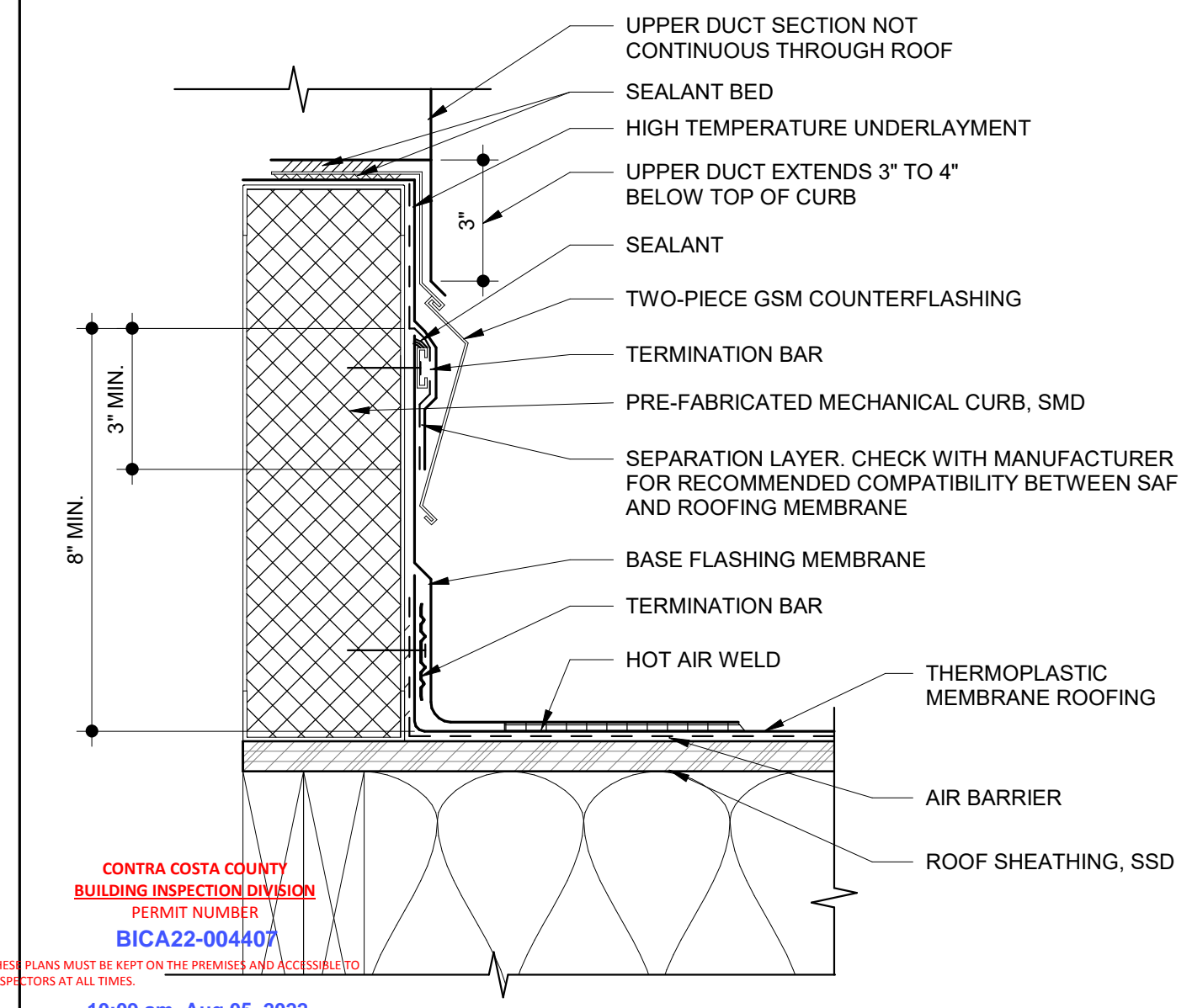
**10** TPO MEMBRANE ROOF @ SKYLIGHT  
SCALE: 3" = 1'-0"



**7** TPO MEMBRANE ROOF @ PRE-MANUF. MECH. CURB  
SCALE: 3" = 1'-0"



**4** TPO MEMBRANE ROOF @ MECHANICAL CURB  
SCALE: 3" = 1'-0"



**1** TPO MEMBRANE ROOF @ DUCT PENETRATION  
SCALE: 3" = 1'-0"



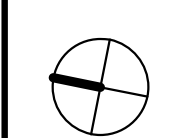
PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064  
ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600  
STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869  
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200  
GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544  
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390  
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140  
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
ROOF DETAILS



**A803**



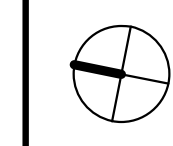
PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064  
 ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
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 STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
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 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
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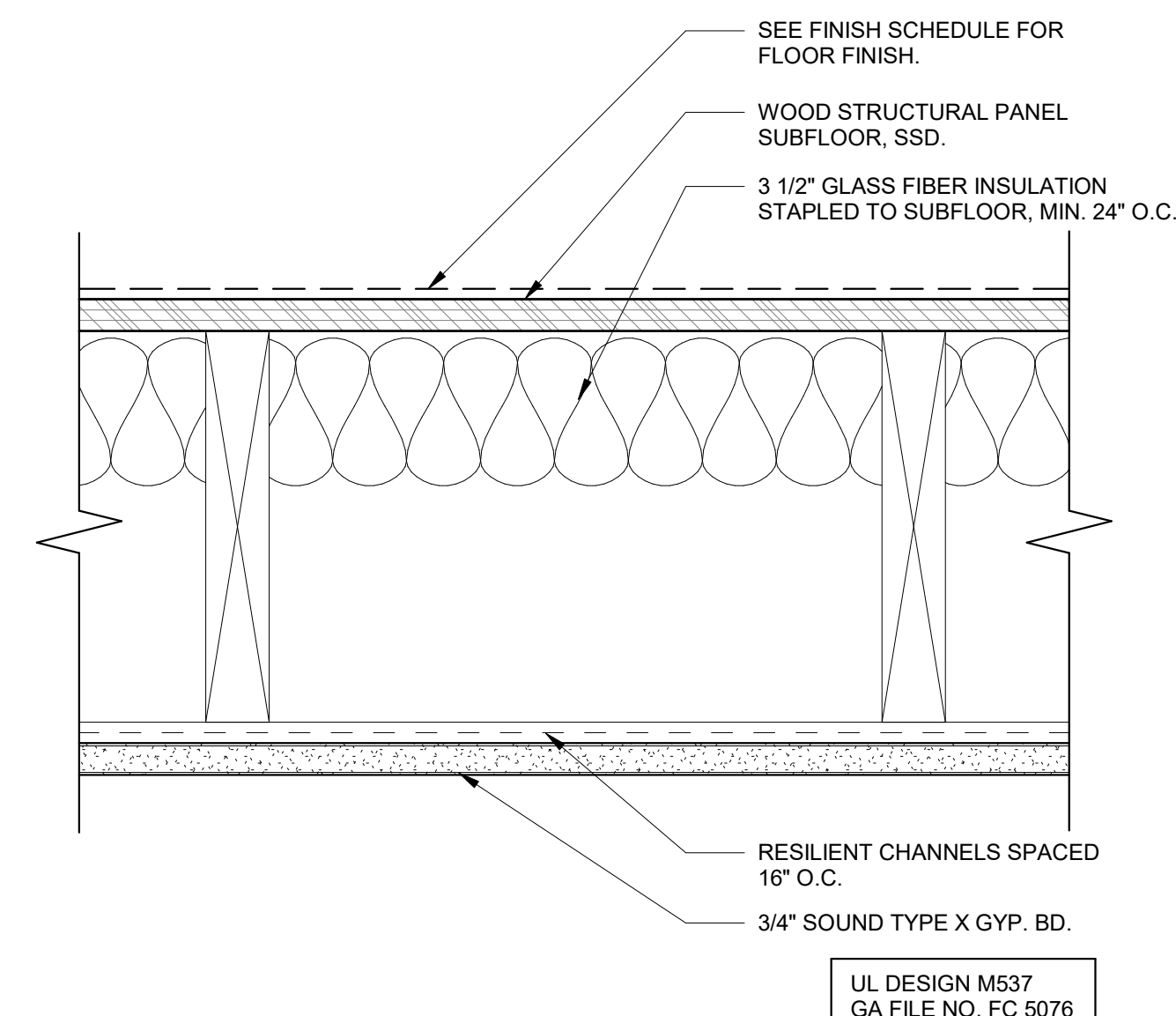
NO.	DESCRIPTION	DATE
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 INTERIOR DETAILS - WALL TYPES

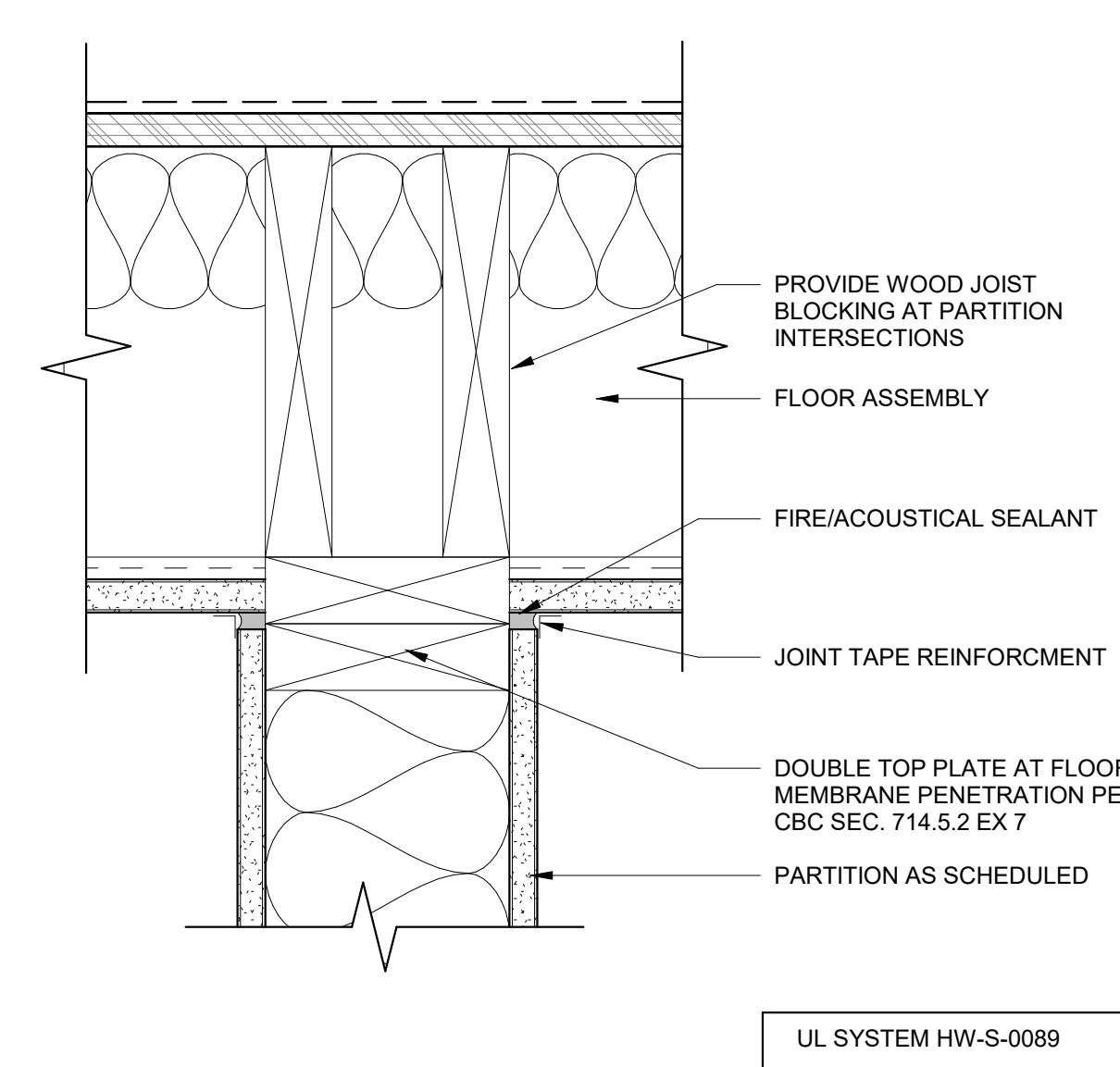


# A901

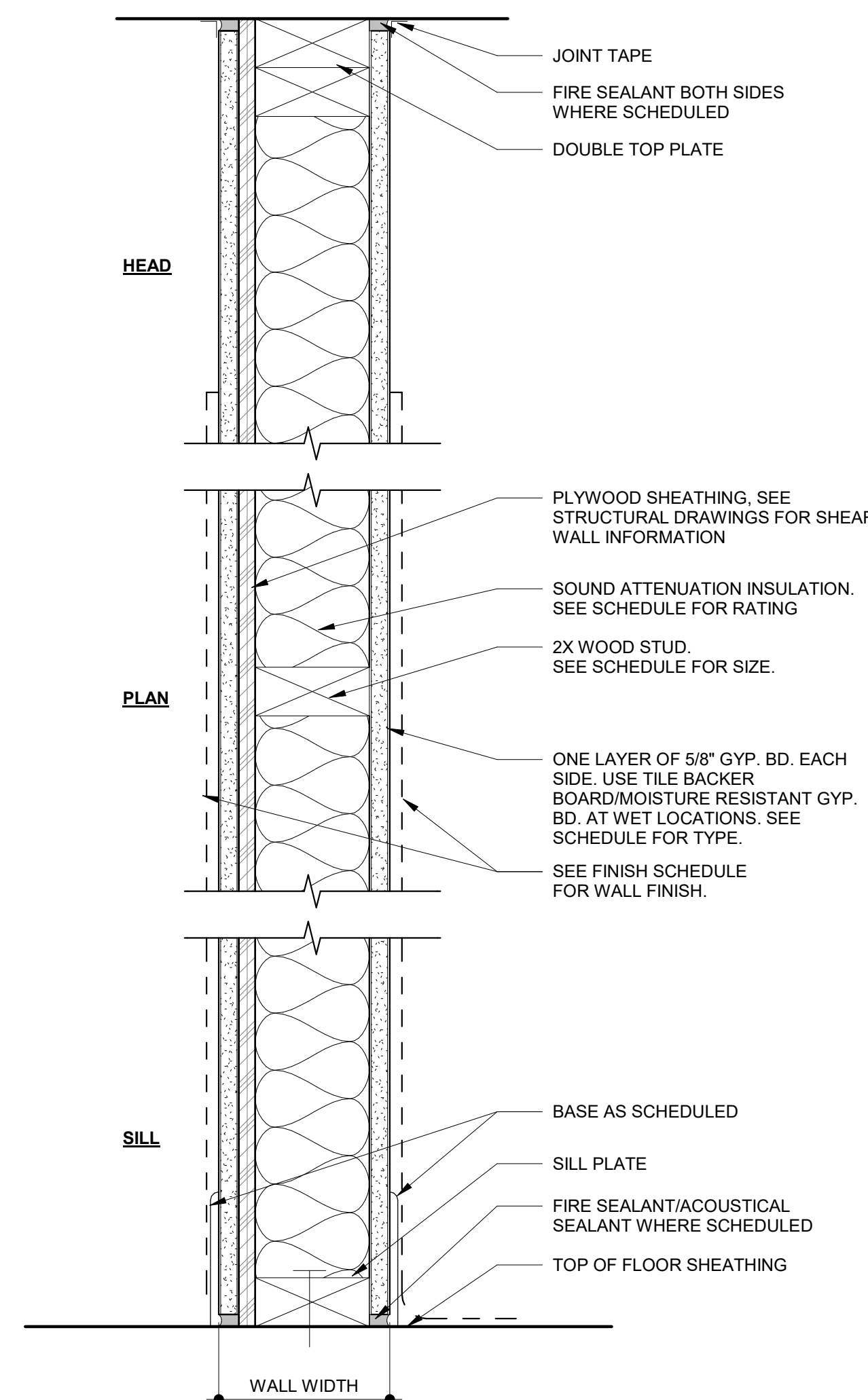


**1** FLOOR ASSEMBLY - 1 HR RATED  
 SCALE: 3" = 1'-0"

NOTE:  
 A. FOR ALL WALL TYPE LOCATIONS, SEE SHEETS A2.02 AND A2.04.  
 B. SEE STRUCTURAL DRAWINGS FOR WOOD STUD WALL FRAMING, CONNECTIONS AND DETAILING.  
 C. SEE STRUCTURAL DRAWINGS FOR EXTERIOR AND INTERIOR SHEAR WALL LOCATIONS  
 D. FOR BLOCKING, SEE DETAIL 3/A9.02  
 E. FOR CONNECTIONS TO FLOOR FRAMING AND ROOF FRAMING, SEE DETAIL X/A9.0X  
 F. PER CBC 1207, SOUND TRANSMISSION RATINGS FOR ALL WALL ASSEMBLIES SHALL BE GREATER THAN STC 50 WHEN BETWEEN DWELLING SPACE AND A PUBLIC OR OTHER OCCUPANCY.  
 G. PROVIDE FIRE BLOCKING PER CBC SECTION 718.2

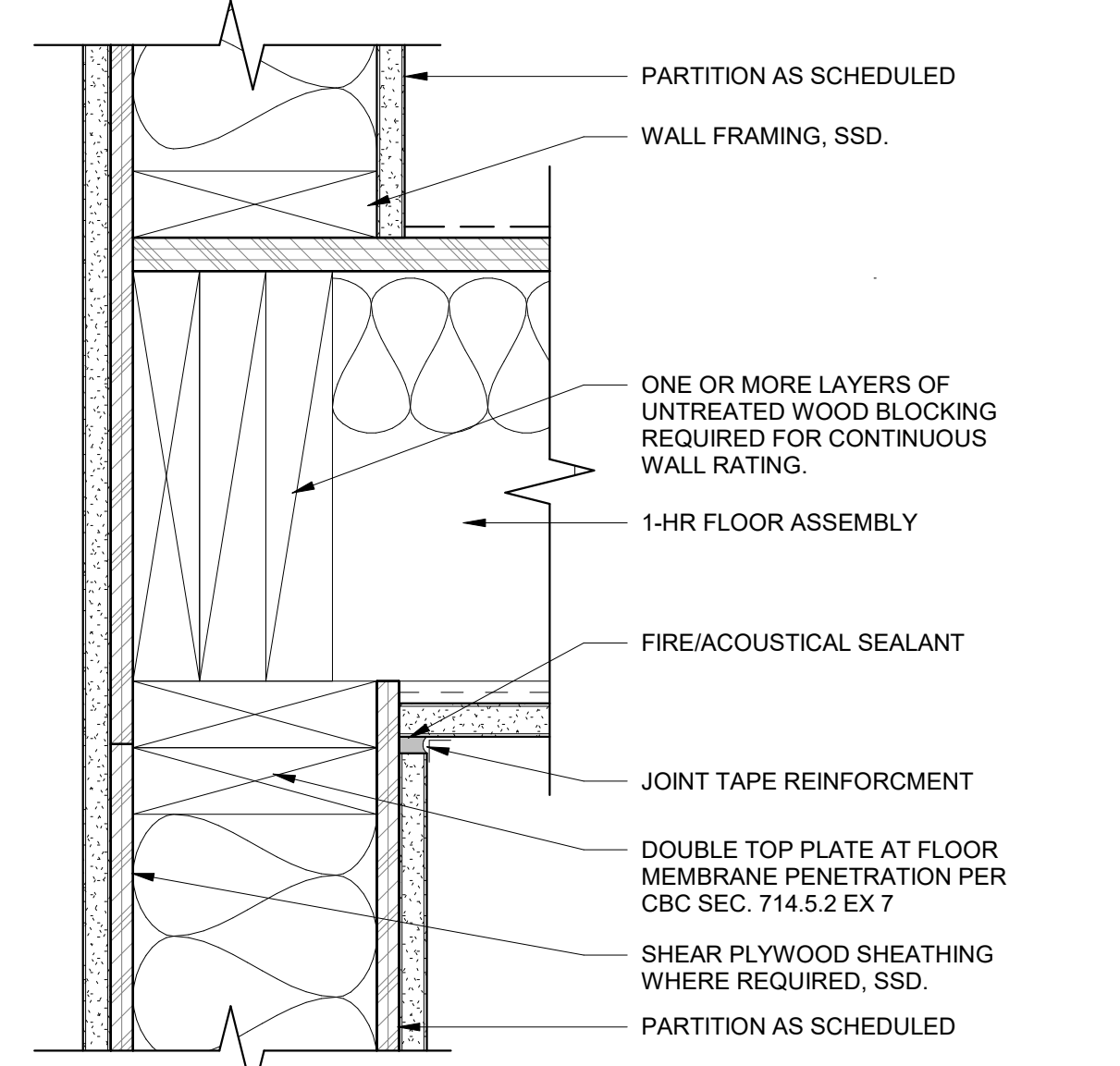


**2** 1 HR RATED PARTITION AT FLOOR MEMBRANE  
 SCALE: 3" = 1'-0"

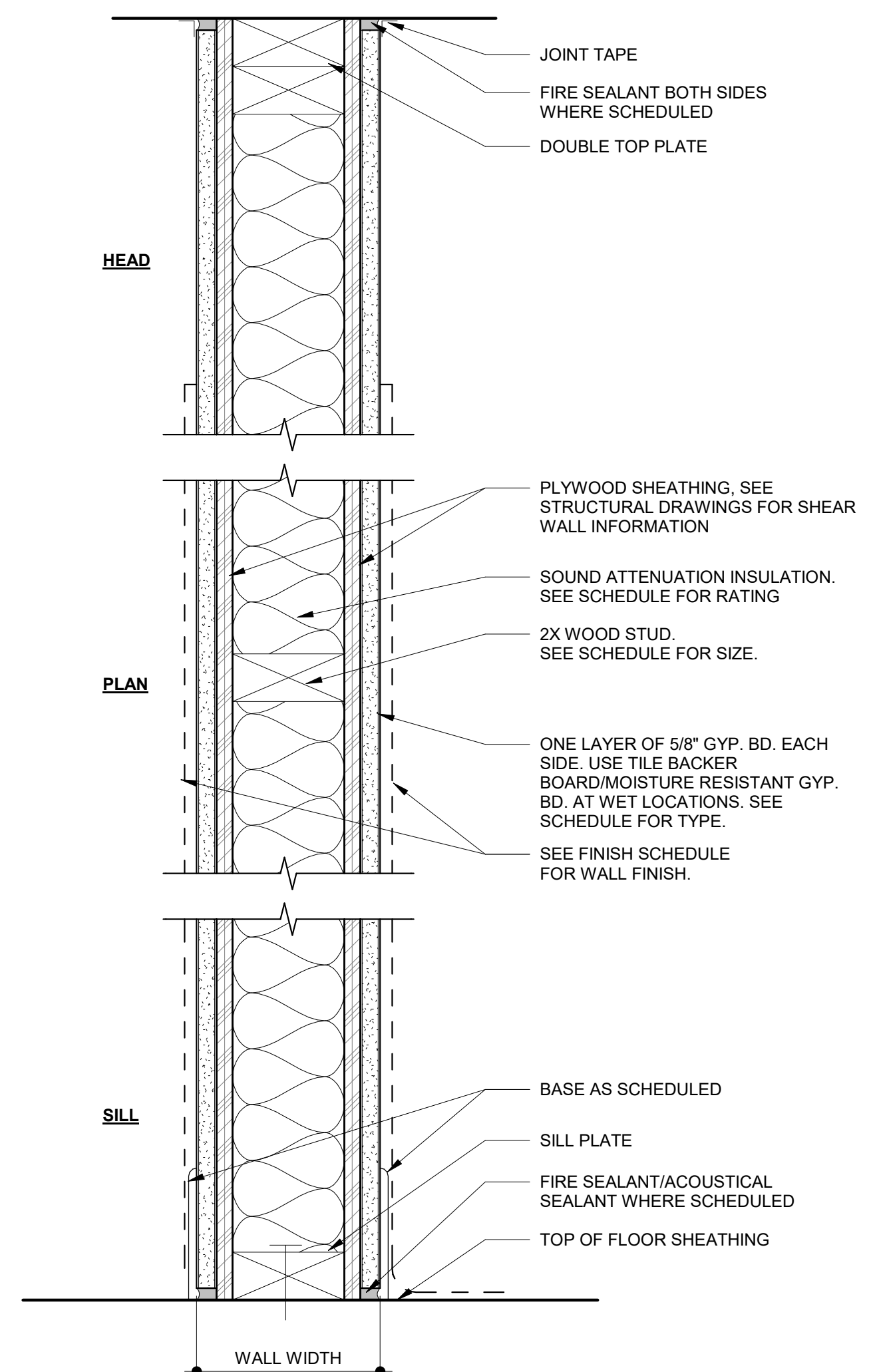


WALL TYPE	FRAMING	WALL WIDTH	RATING	UL#	INSULATION	STC	GA FILE NO.	COMMENTS
B3	2 X 4	7' 1/4"	1-HR	UL U005	Y	45-49		
B4	2 X 6	7' 1/4"	1-HR	UL U005	Y	45-49		

**B** WALL TYPE B  
 SCALE: 3" = 1'-0"

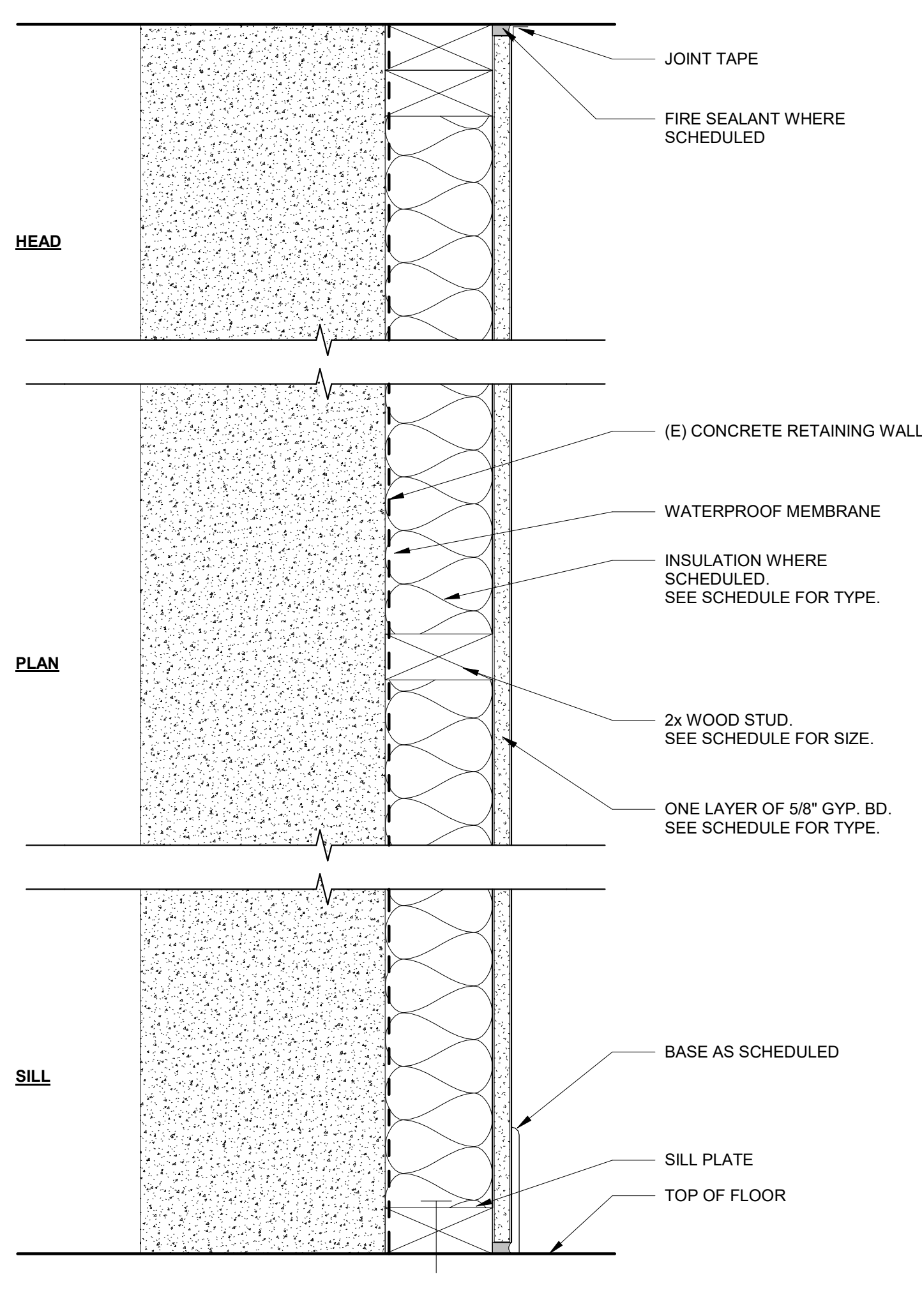


**3** 1 HR RTD ELEV. SHAFT @ WALL-FLR INTERSECTION  
 SCALE: 3" = 1'-0"



WALL TYPE	FRAMING	WALL WIDTH	RATING	UL#	INSULATION	STC	GA FILE NO.	COMMENTS
C3	2 X 4	7' 3/4"	1-HR	UL U005	Y	45-49		
C4	2 X 6	7' 3/4"	1-HR	UL U005	Y	45-49		

**C** WALL TYPE C  
 SCALE: 3" = 1'-0"



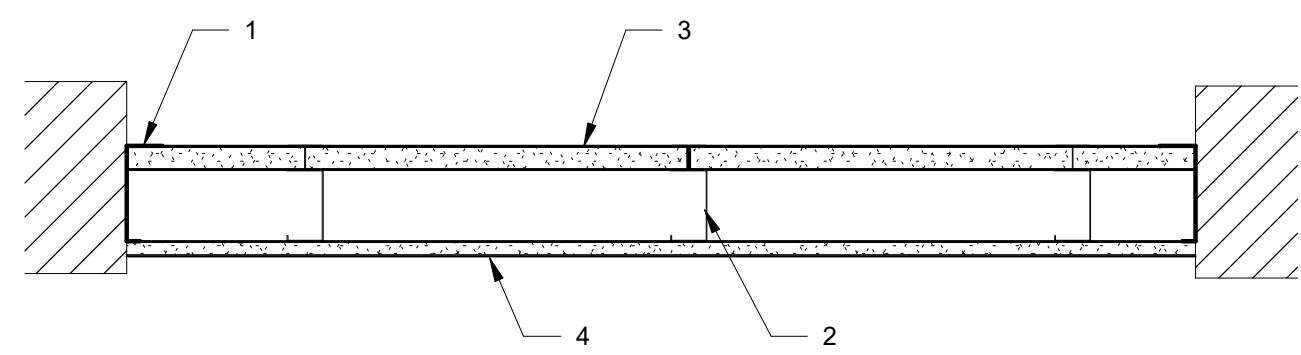
WALL TYPE	FRAMING	WALL WIDTH	RATING	UL#	INSULATION	STC	GA FILE NO.	COMMENTS
D1	2 X 4	7' 3/4"	1-HR	UL U005	Y	45-49		
D2	2 X 6	7' 3/4"	1-HR	UL U005	Y	45-49		

**D** WALL TYPE D  
 SCALE: 3" = 1'-0"

WALL TYPE	FRAMING	WALL WIDTH	RATING	UL#	INSULATION	STC	GA FILE NO.	COMMENTS
A1	2 X 4	4' 3/4"	1-HR	Y	Y	45-49		
A2	2 X 4	4' 3/4"	1-HR	Y	Y	45-49		
A3	2 X 4	6' 3/4"	1-HR	UL U005	Y	45-49		
A4	2 X 6	6' 3/4"	1-HR	UL U005	Y	45-49		

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER:  
**BIC A22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:09 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. ANY CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 BY: [Signature]  
**WALL TYPE A**  
 SCALE: 3" = 1'-0"

**A** WALL TYPE A  
 SCALE: 3" = 1'-0"



**1. FLOOR, SIDE AND CEILING RUNNERS** - "J" - SHAPED RUNNER, MIN 2-1/2 IN. DEEP, WITH UNEQUAL LEGS OF 1 IN. AND 2 IN., FABRICATED FROM MIN 25 MSG GALV STEEL. RUNNERS POSITIONED WITH SHORT LEG TOWARD FINISHED SIDE OF WALL. RUNNERS ATTACHED TO STRUCTURAL SUPPORTS WITH STEEL FASTENERS LOCATED NOT GREATER THAN 2 IN. FROM ENDS AND NOT GREATER THAN 24 IN. OC.

**2. STEEL STUDS** - "T", "C-H", OR "C-T" SHAFTWALL STUDS, "C-T" OR "C-H" - SHAPED STUDS, MIN 2-1/2 IN. DEEP, 1-1/2 IN. WIDE, FABRICATED FROM MIN 25 MSG GALV STEEL. CUT TO LENGTHS 5/8 IN. LESS THAN FLOOR-TO-CEILING HEIGHT AND SPACED 24 IN. OR, "T" - SHAPED STUDS FABRICATED FROM MIN 25 MSG GALV STEEL, MIN 2-1/2 IN. DEEP, 1-1/2 IN. WIDE. STUDS CONTAIN 3/4 IN. WIDE BY 2-1/4 IN. HIGH HOLDING TABS SPACED 2-3/4 IN. OC. CUT TO LENGTHS 5/8 IN. LESS THAN FLOOR-TO-CEILING HEIGHT AND SPACED 24 IN.

**3. GYPSUM BOARD** - GYPSUM LINER PANELS, NOM 1 IN. THICK, 24 IN. WIDE. PANELS CUT MAX 1 IN. LESS IN LENGTH THAN FLOOR TO CEILING HEIGHT. VERTICAL EDGES INSERTED IN "T" - SHAPED SECTION OF "C-T" STUDS, VERTICAL EDGES INSERTED IN "H" - SHAPED SECTION OF "C-H" STUDS, OR HOLDING TABS OF "T" STUDS. FREE EDGE OF END PANELS ATTACHED TO LONG LEG OF "J" - RUNNERS WITH 1-5/8 IN. LONG TYPE S BUGLE HEAD STEEL SCREWS SPACED NOT GREATER THAN 12 IN. OC.

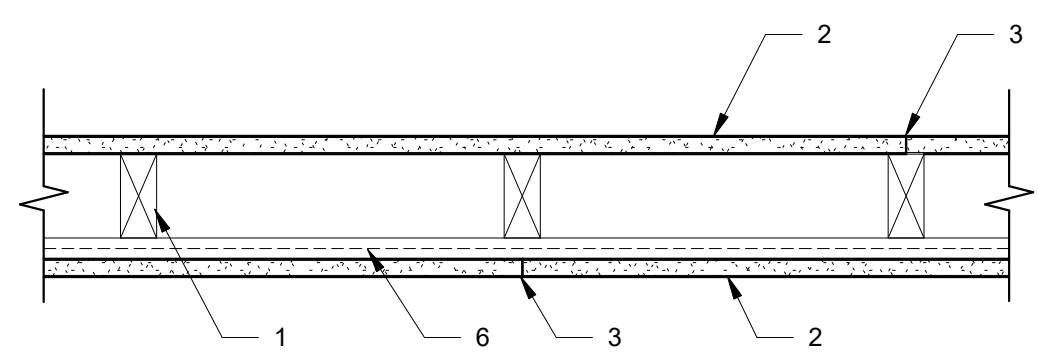
**4. GYPSUM BOARD (SYSTEM A)** - GYPSUM PANELS, NOM 5/8 IN. THICK, 48 IN. WIDE, APPLIED VERTICALLY WITH EDGES CENTERED OVER STUDS, WITH 1 IN. LONG TYPE S BUGLE HEAD STEEL SCREWS SPACED 12 IN. OC.

**5. JOINT TAPE AND COMPOUND** - (NOT SHOWN) - VINYL OR CASEIN, DRY OR PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS OF OUTER LAYERS, PAPER TAPE, NOM 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS OF OUTER LAYER PANELS. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM PANELS ARE SUPPLIED WITH A SQUARE EDGE.

\* BEARING UL CLASSIFICATION MARK

UL DESIGN U305  
BEARING WALL RATING - 1 HR

**12** UL DESIGN V455 - BEARING WALL RATING - 1 HR  
SCALE: 1 1/2" = 1'-0"



**1. WOOD STUDS** - NOM 2 BY 4 IN. SPACED 16 IN. OC MAX, EFFECTIVELY FIRESTOPPED.

**2. GYPSUM BOARD** - 5/8 IN. THICK, 4 FT WIDE, APPLIED EITHER HORIZONTALLY OR VERTICALLY, NAILED TO STUDS AND BEARING PLATES WITH 6D CEMENT COATED NAILS 1-7/8 IN. LONG, 0.0915 IN. SHANK DIAM AND 1/4 IN. DIAM HEADS SPACED 7 IN. OC.

WHEN ITEM 6, RESILIENT CHANNELS ARE USED, 5/8 IN. THICK, 4 FT WIDE APPLIED VERTICALLY. SCREW ATTACHED FURRING CHANNELS WITH 1 IN. LONG, SELF-DRILLING, SELF-TAPPING TYPE S OR S-12 STEEL SCREWS SPACED 8 IN. OC, VERTICAL JOINTS LOCATED MIDWAY BETWEEN STUDS

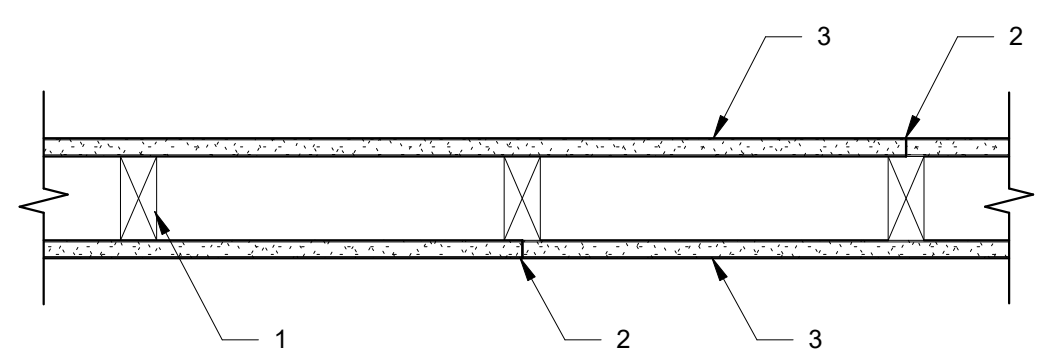
**3. JOINTS AND NAILHEADS** - WALLBOARD JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. NAILHEADS COVERED WITH JOINT COMPOUND. GYPSUM PLASTER NOT MORE THAN 1/8 IN. THICK MAY BE APPLIED OVER THE WALLBOARD IN ADDITION TO THE SPECIFIED JOINT TREATMENT.

**6. FURRING CHANNEL** - FOR USE ON ONE SIDE OF THE WALL - RESILIENT CHANNELS, 25 MSG GALV STEEL, SPACED VERTICALLY 24 IN. OC, FLANGE PORTION SCREW ATTACHED TO ONE SIDE OF STUDS WITH 1-1/4 IN. LONG DIAMOND SHAPED POINT, DOUBLE LEAD PHILLIPS HEAD STEEL SCREWS. WHEN RESILIENT CHANNELS ARE USED, INSULATION, ITEMS 4C OR 4D IS REQUIRED.

\* BEARING UL CLASSIFICATION MARK

UL DESIGN U305  
BEARING WALL RATING - 1 HR

**11** UL DESIGN U309 - BEARING WALL RATING - 1 HR  
SCALE: 1 1/2" = 1'-0"



**1. WOOD STUDS** - NOM 2 BY 4 IN. SPACED 16 IN. OC MAX, EFFECTIVELY FIRESTOPPED.

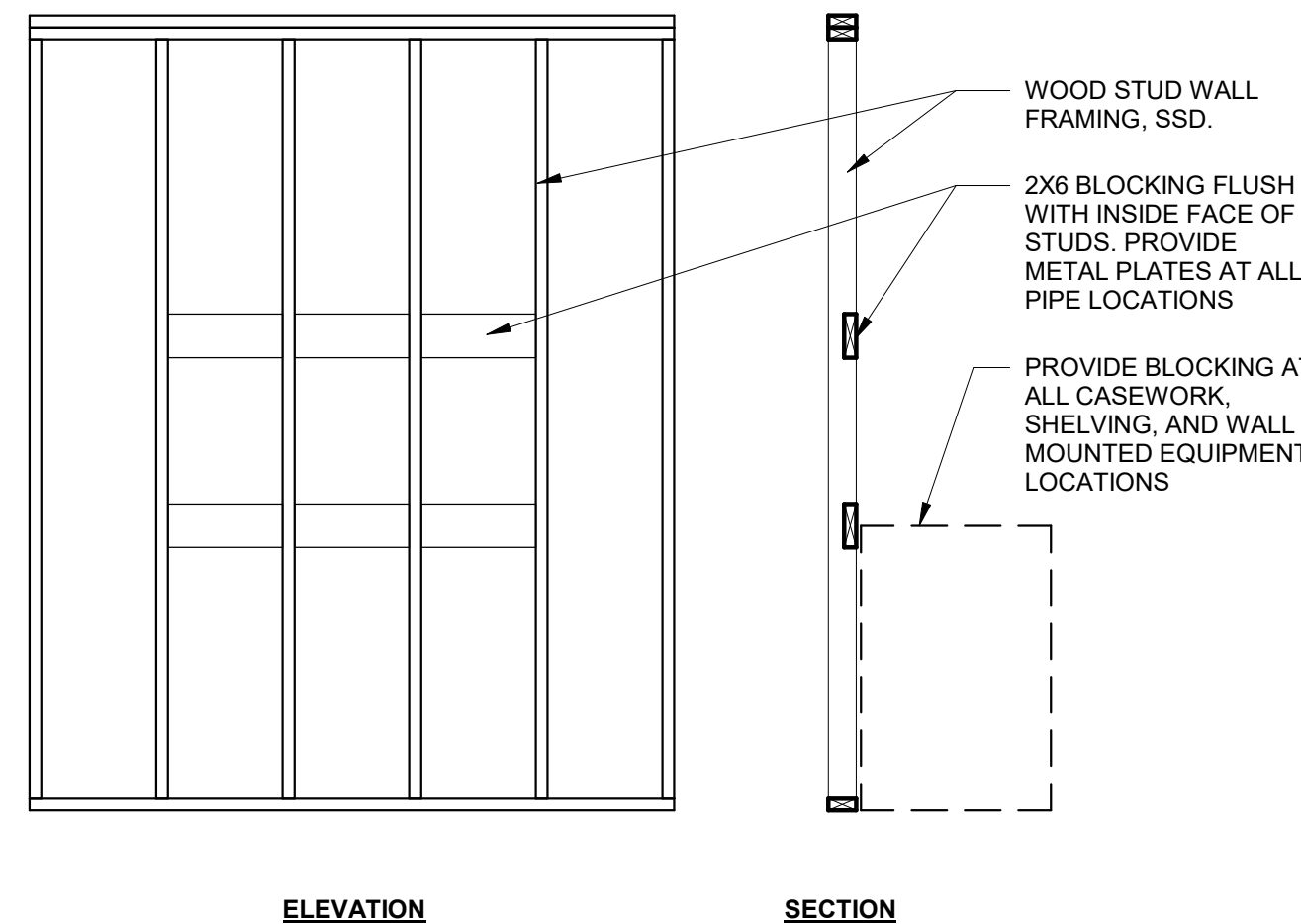
**2. JOINTS AND NAILHEADS** - JOINTS COVERED WITH JOINT COMPOUND AND PAPER TAPE. JOINT COMPOUND AND PAPER TAPE MAY BE OMITTED WHEN SQUARE EDGE BOARDS ARE USED. AS AN ALTERNATE, NO 3/32 IN. THICK GYPSUM VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CLASSIFIED VENEER BASEBOARD WITH THE JOINTS REINFORCED WITH PAPER TAPE. NAILHEADS EXPOSED OR COVERED WITH JOINT COMPOUND.

**3. GYPSUM BOARD** - 5/8" THICK PAPER OR VINYL SURFACED, WITH BEVELED, SQUARE, OR TAPERED EDGES, APPLIED EITHER HORIZONTALLY OR VERTICALLY. GYPSUM BOARDS NAILED 7 IN. OC WITH 6D CEMENT COATED NAILS 1-7/8 IN. LONG, 0.0915 IN. SHANK DIAM AND 1/564 IN. DIAM HEADS. WHEN USED IN WIDTHS OF OTHER THAN 48 IN., GYPSUM BOARDS ARE TO BE INSTALLED HORIZONTALLY.

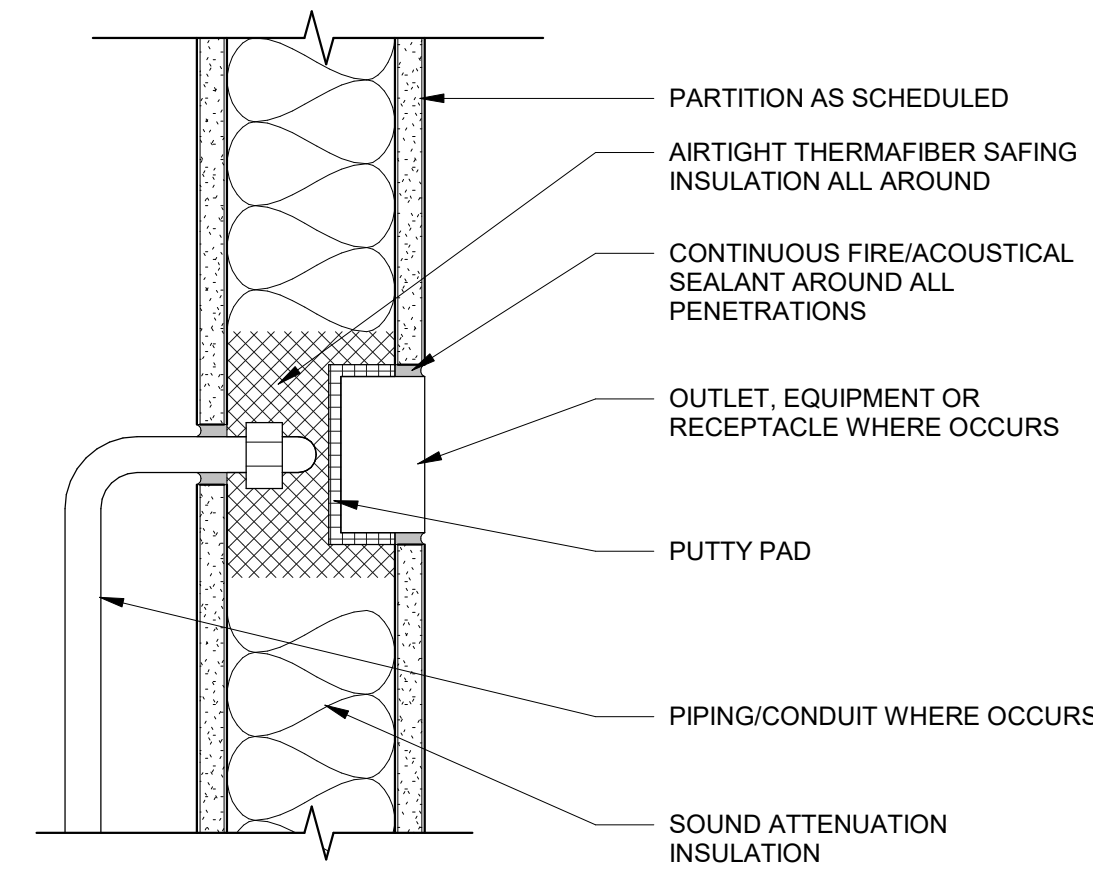
\* BEARING UL CLASSIFICATION MARK

UL DESIGN U305  
BEARING WALL RATING - 1 HR

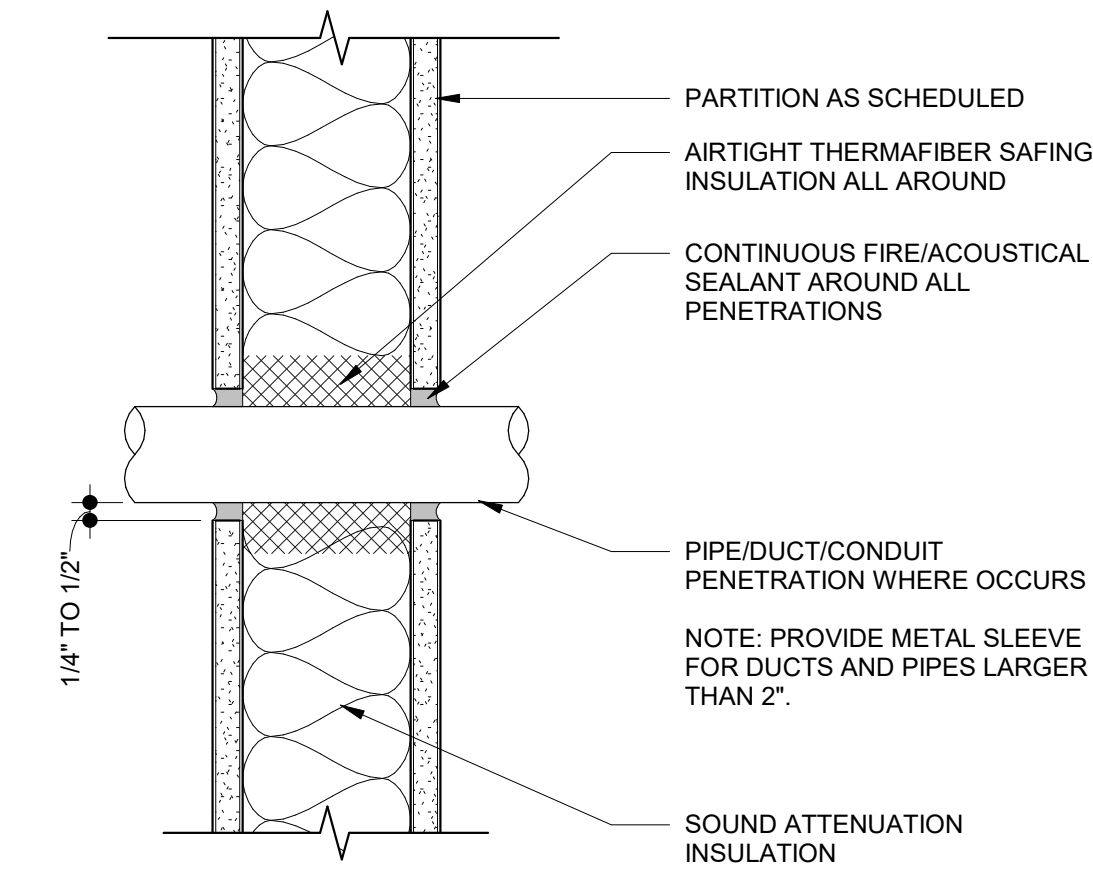
**10** UL DESIGN U305 - BEARING WALL RATING - 1 HR  
SCALE: 1 1/2" = 1'-0"



**3** WOOD BLOCKING BACKING DETAIL  
SCALE: 1/2" = 1'-0"

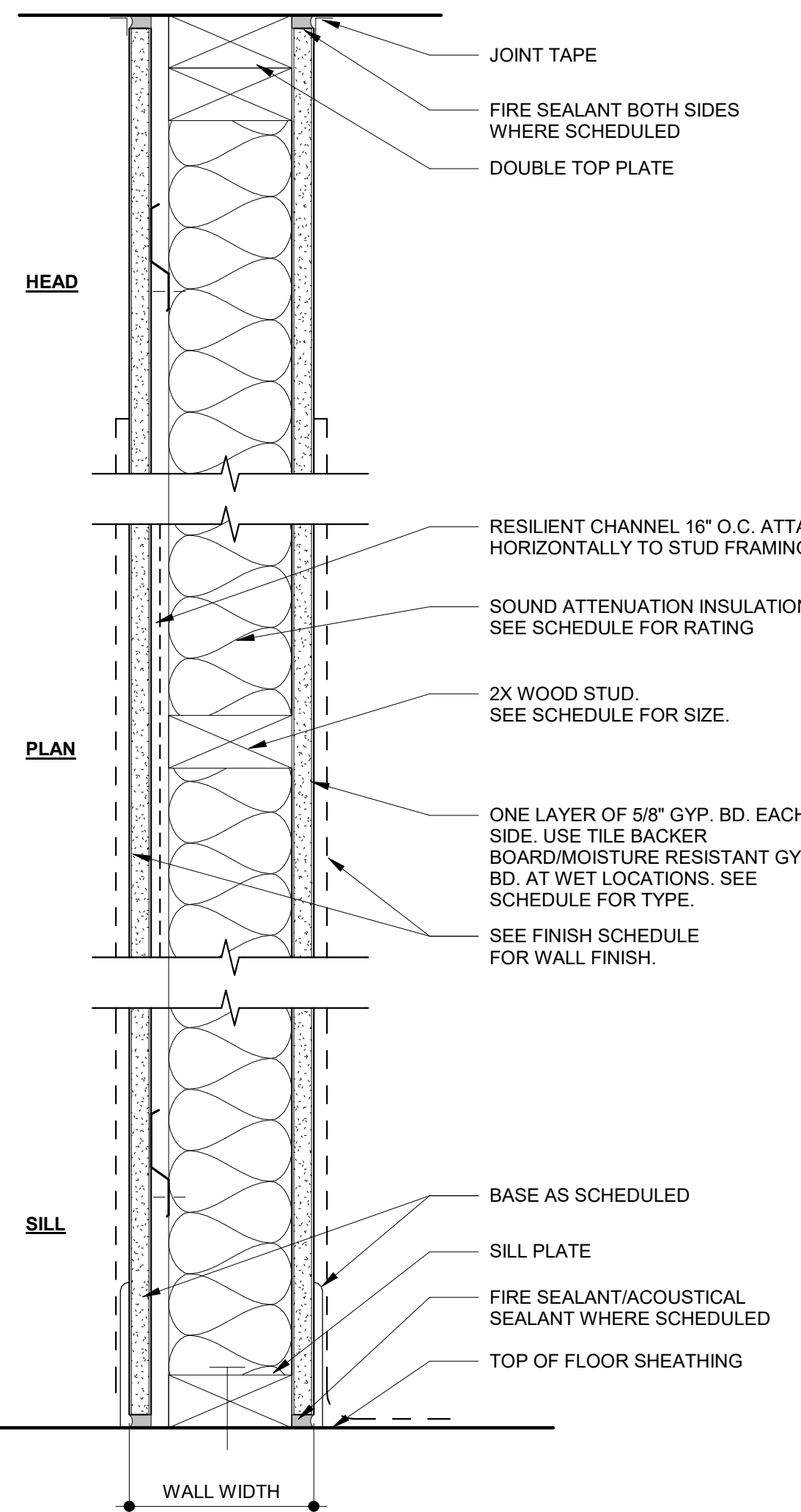


**2** TYP. RECEPTACLE PENETRATION @ RTD PARTITION  
SCALE: 3" = 1'-0"



**1** TYP. PIPE PENETRATION @ RATED PARTITION  
SCALE: 3" = 1'-0"

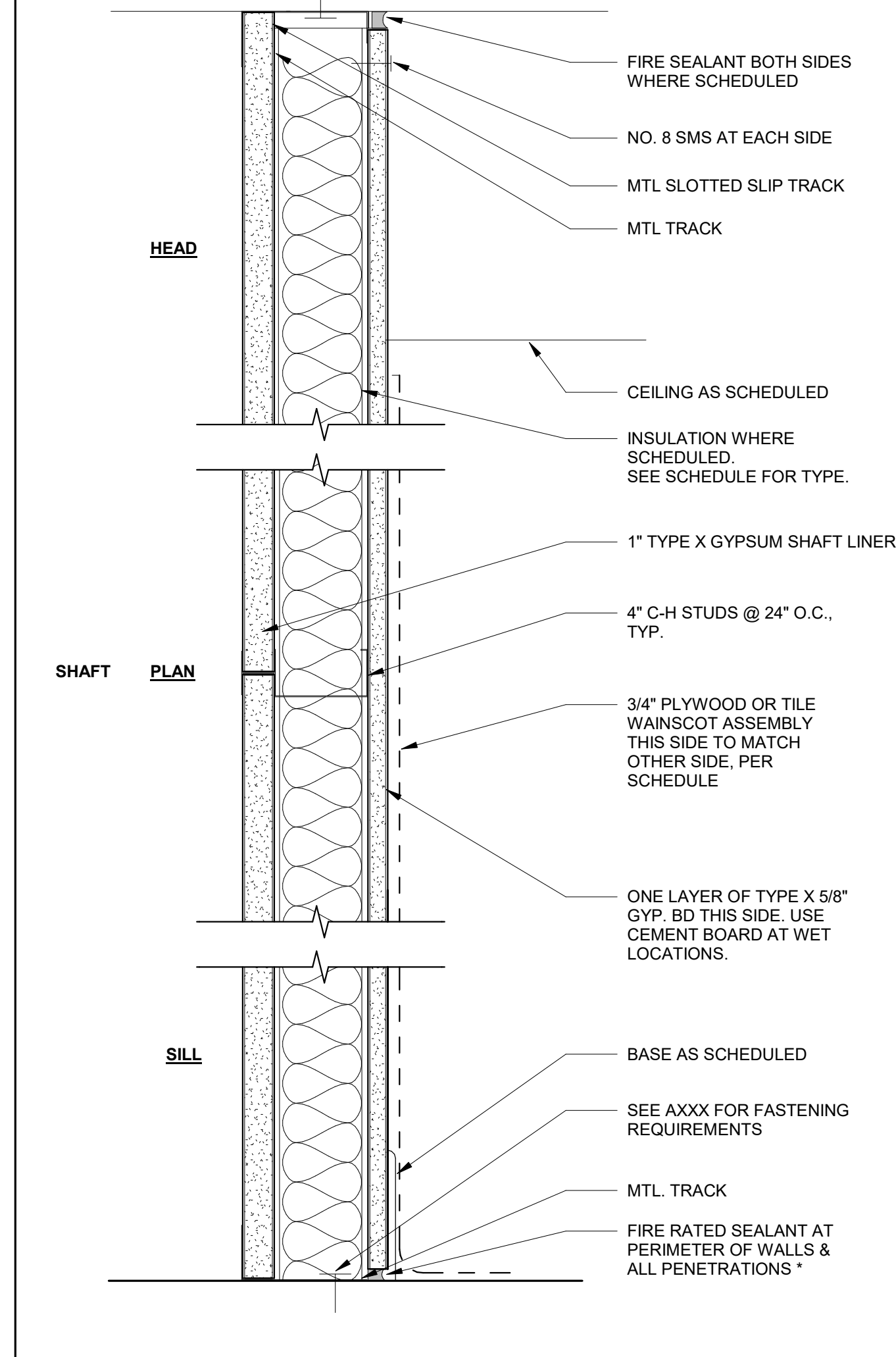
NOTE:  
A. FOR ALL WALL TYPE LOCATIONS, SEE SHEETS A2.02 AND A2.04.  
B. SEE STRUCTURAL DRAWINGS FOR WOOD STUD WALL FRAMING, CONNECTIONS AND DETAILING.  
C. SEE STRUCTURAL DRAWINGS FOR EXTERIOR AND INTERIOR SHEAR WALL LOCATIONS  
D. FOR BLOCKING, SEE DETAIL 3/A9.02  
E. FOR CONNECTIONS TO FLOOR FRAMING AND ROOF FRAMING, SEE DETAIL X/A9.0X  
F. PER CBC 1207, SOUND TRANSMISSION RATINGS FOR ALL WALL ASSEMBLIES SHALL BE GREATER THAN STC 50 WHEN BETWEEN DWELLING SPACE AND A PUBLIC OR OTHER OCCUPANCY.



WALL TYPE	FRAMING	WALL WIDTH	RATING	UL#	INSULATION	STC	GA FILE NO.	COMMENTS
F1	2 X 4	5 1/4"	1-HR	UL U309	YES	54	WP 3242	
F2	2 X 6	7 3/4"	1-HR	UL U309	YES	54	WP 3242	NOTE 1

NOTE 1: PROVIDE PLYWOOD SHEATHING FOR SHEAR WALLS WHERE REQUIRED, SEE STRUCTURAL DRAWINGS

**F** WALL TYPE F  
SCALE: 3" = 1'-0"



WALL TYPE	FRAMING	WALL WIDTH	RATING	UL#	INSULATION	STC	GA FILE NO.	COMMENTS
E	2X6 BLOCKING	5 1/4"	1-HR	UL V455	YES	40-44	WP 6851	

PERMIT NUMBER:  
BIC A22-004407  
10:09 am, Aug 05, 2022

REVIEWED  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD PERMIT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. ANY CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.

**E** WALL TYPE E  
SCALE: 3" = 1'-0"

**MARJANG ARCHITECTURE**



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
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ARCHITECT: MARJANG ARCHITECTURE  
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STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
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CONTACT: ERIC SWANSON  
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GEOTECH: HALEY ALDRICH  
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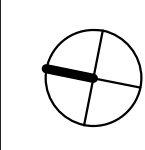
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
INTERIOR DETAILS - WALL TYPES



**A902**

STAMP



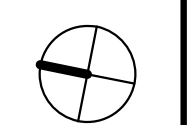
PROJECT ADDRESS  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064  
ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600  
STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869  
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
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GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544  
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
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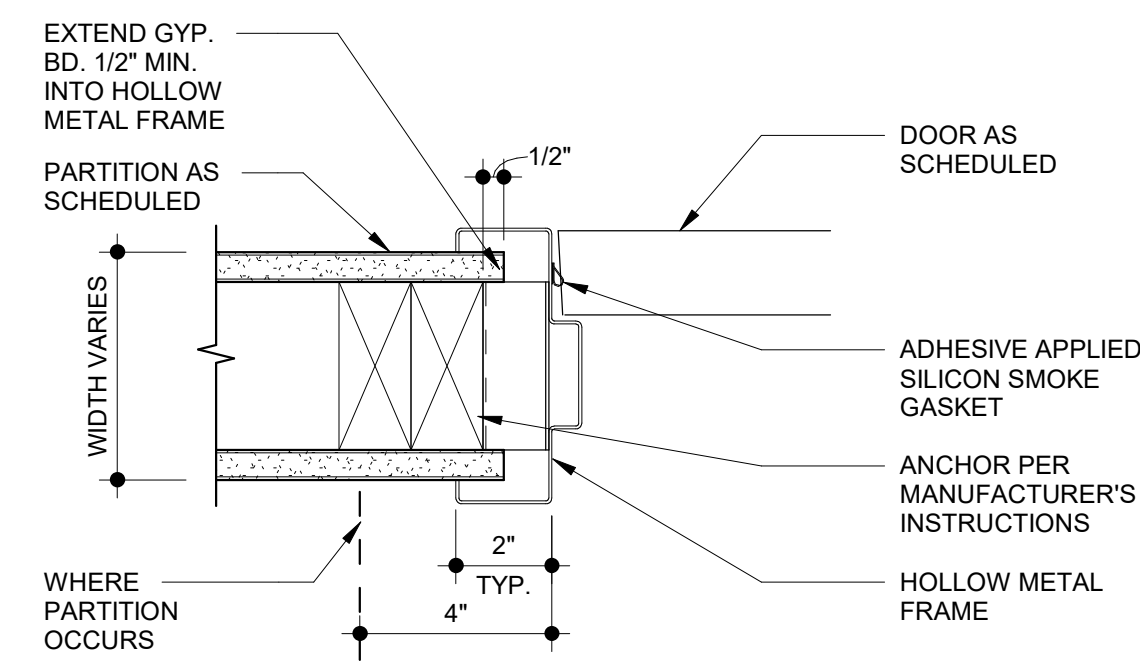
NO.	DESCRIPTION	DATE
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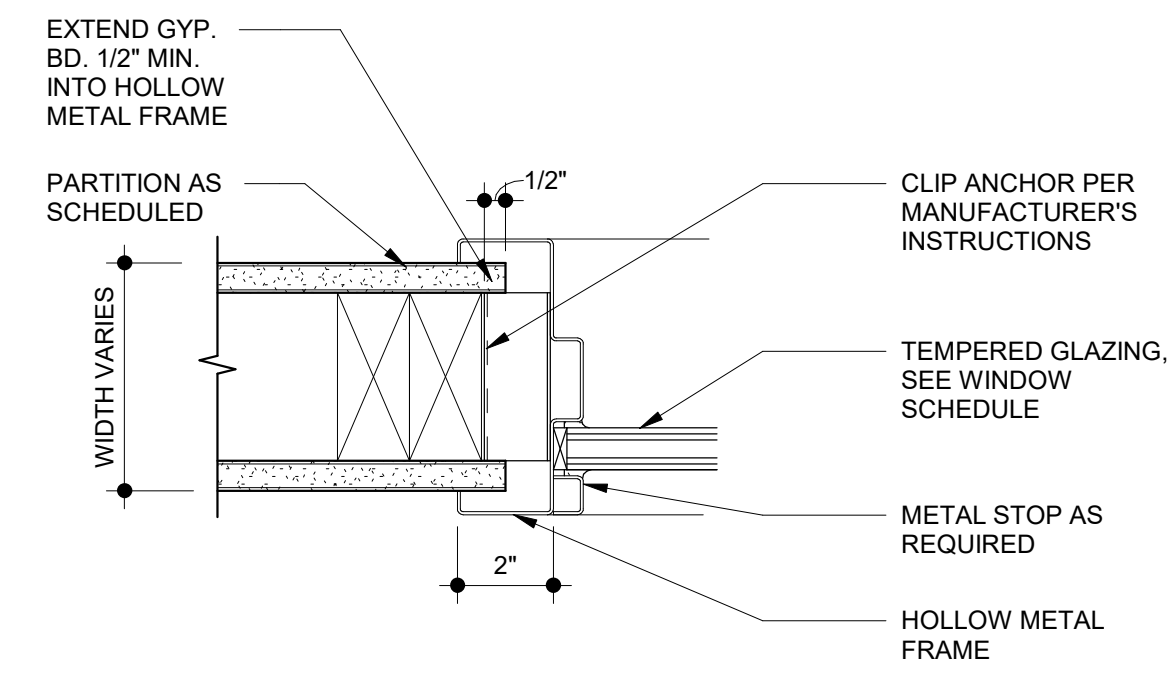
DESCRIPTION  
INTERIOR DETAILS



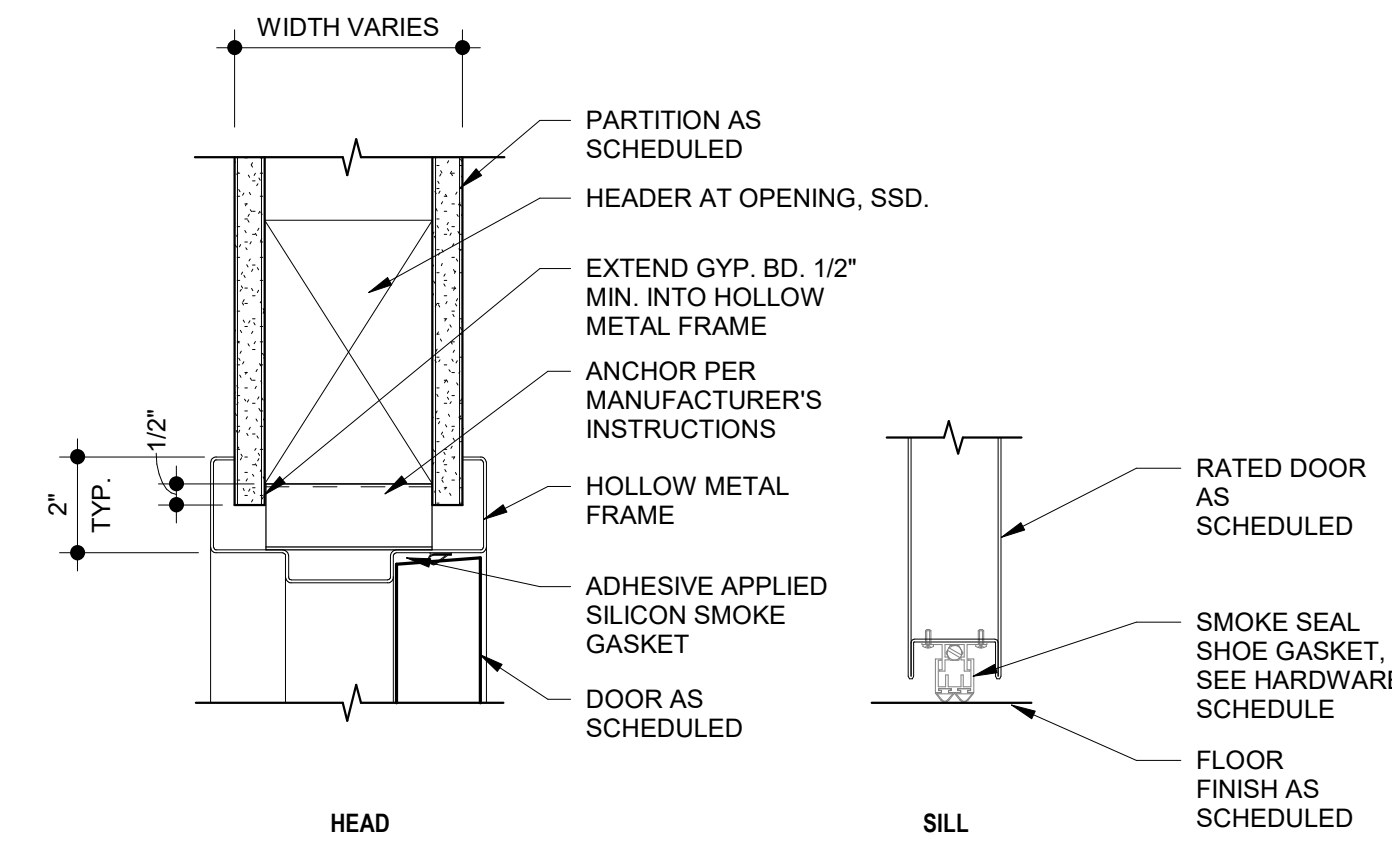
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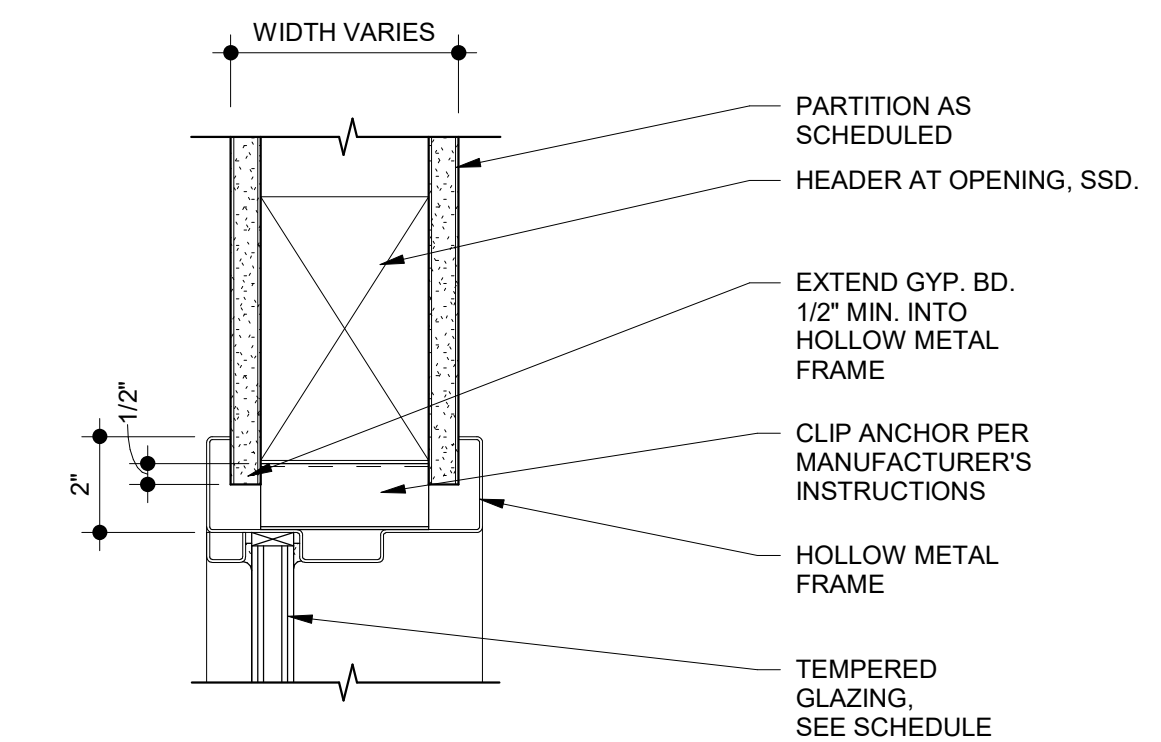
**8** RATED HOLLOW METAL DOOR JAMB  
SCALE: 3" = 1'-0"



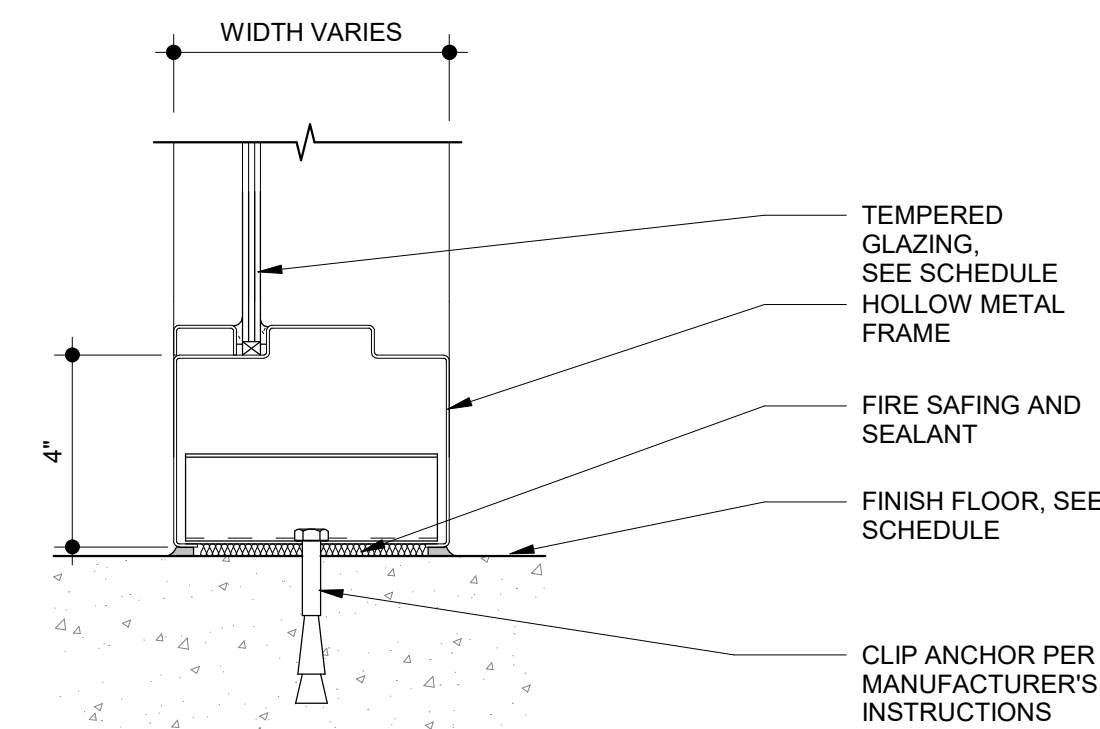
**4** RATED INT HOLLOW METAL SIDELITE JAMB  
SCALE: 3" = 1'-0"



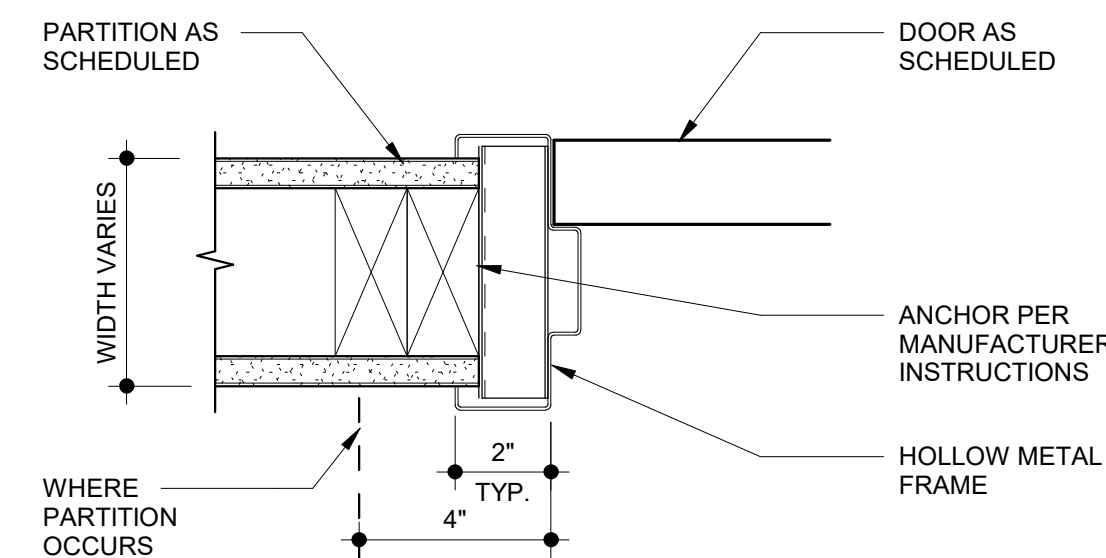
**7** RATED HOLLOW METAL DOOR HEAD/THRESHOLD  
SCALE: 3" = 1'-0"



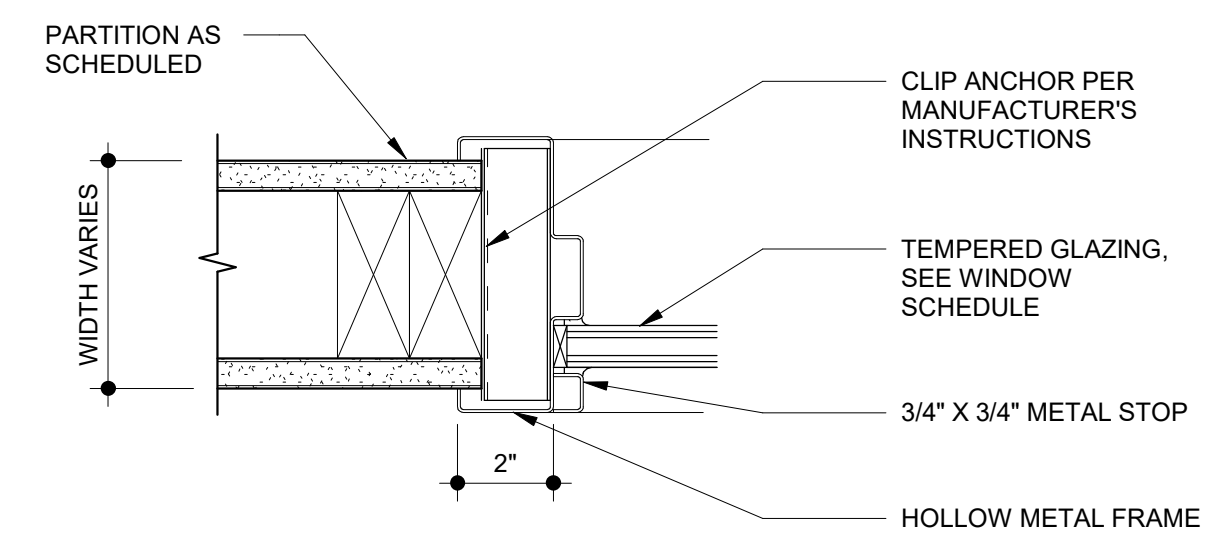
**3** RATED INT HOLLOW METAL SIDELITE HEAD/SILL  
SCALE: 3" = 1'-0"



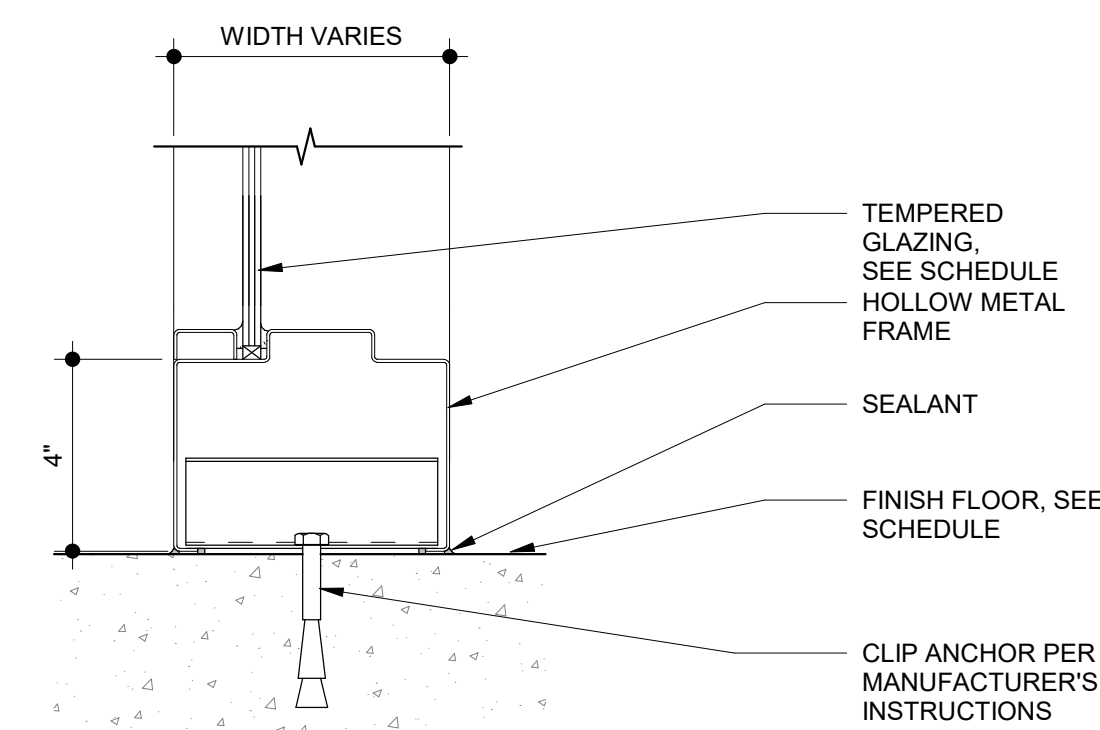
**10** RATED INTERIOR WINDOW SILL @ FLOOR  
SCALE: 3" = 1'-0"



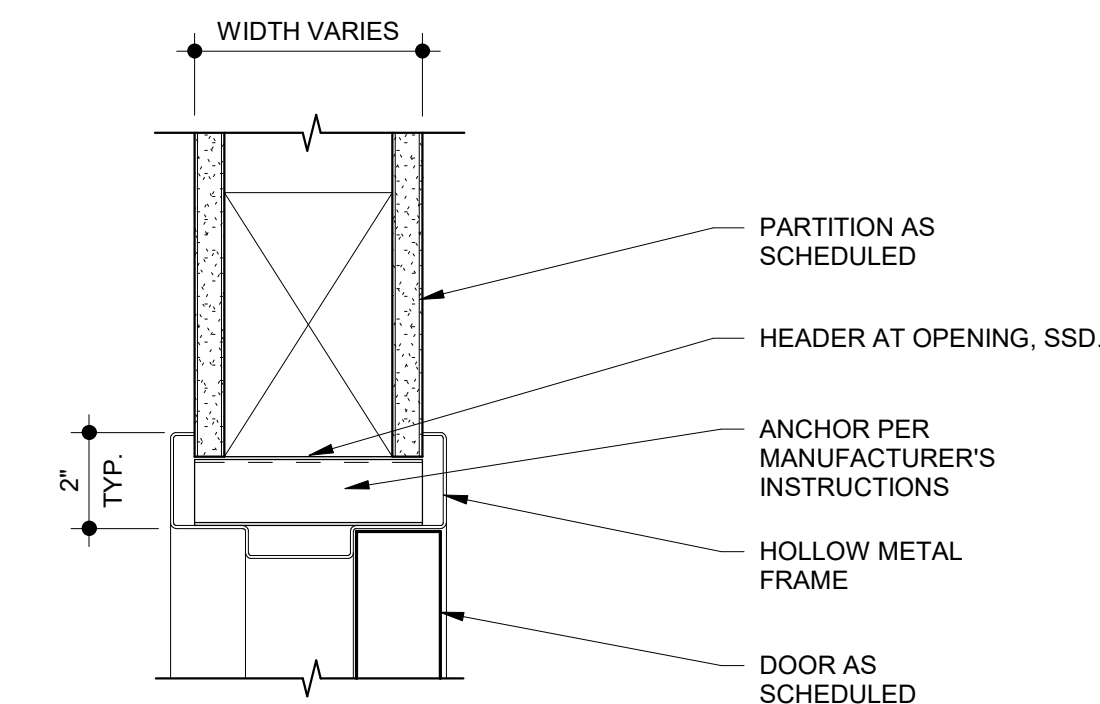
**6** TYPICAL HOLLOW METAL DOOR JAMB  
SCALE: 3" = 1'-0"



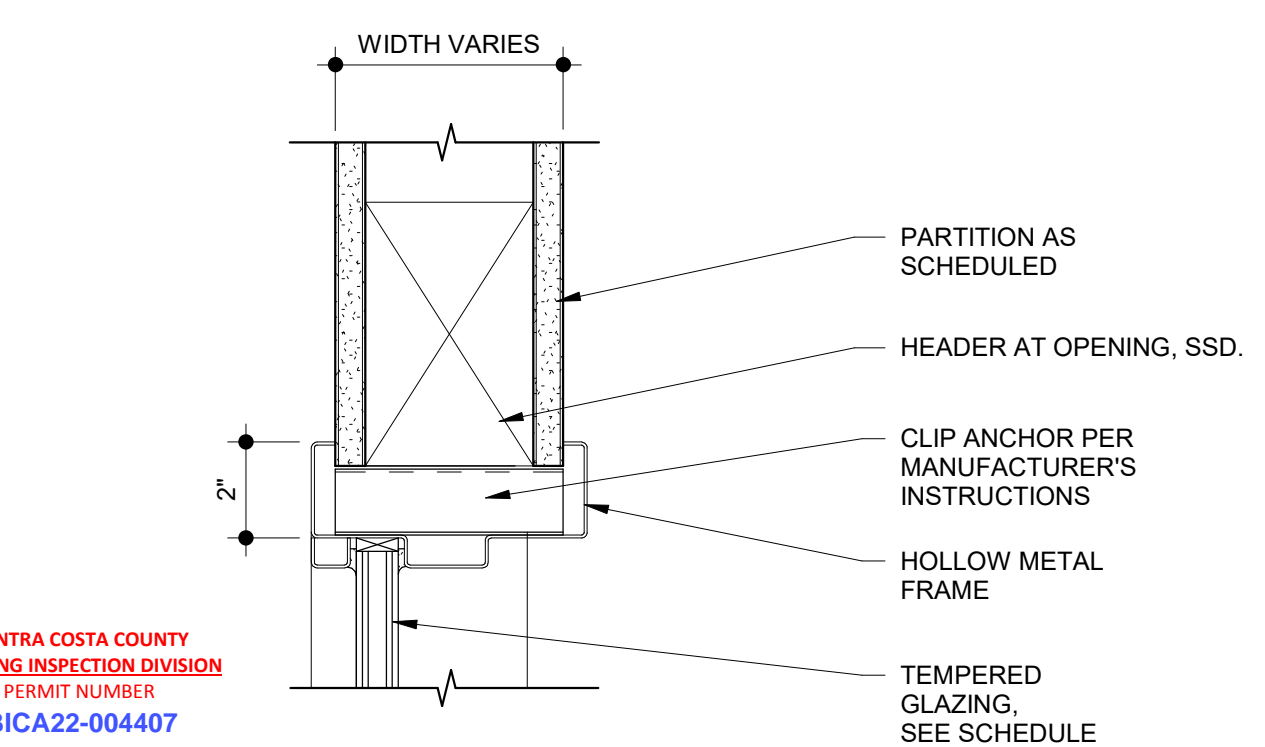
**2** TYPICAL INTERIOR WINDOW JAMB  
SCALE: 3" = 1'-0"



**9** INTERIOR WINDOW SILL @ FLOOR  
SCALE: 3" = 1'-0"



**5** TYPICAL HOLLOW METAL DOOR HEAD  
SCALE: 3" = 1'-0"



**1** TYPICAL INTERIOR WINDOW HEAD (SILL SIM)  
SCALE: 3" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER:  
BIC A22-004407  
10:09 am, Aug 05, 2022  
REVIEWED  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. ANY CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
By: [Signature]



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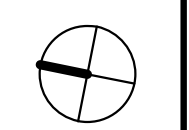
PROJECT ADDRESS  
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 KENSINGTON, CA 94707**

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 KENSINGTON, CA 94707  
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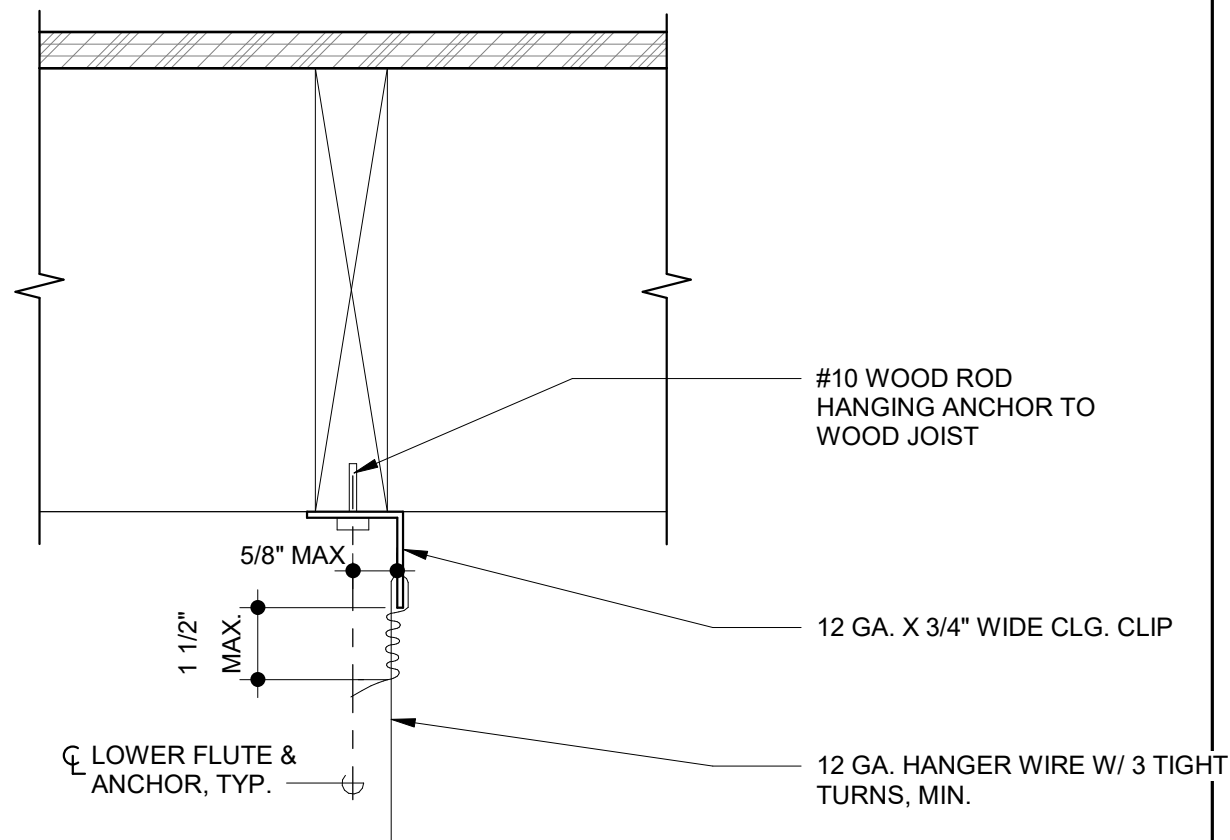
JOB NO.  
 2106 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 INTERIOR DETAILS - CEILING

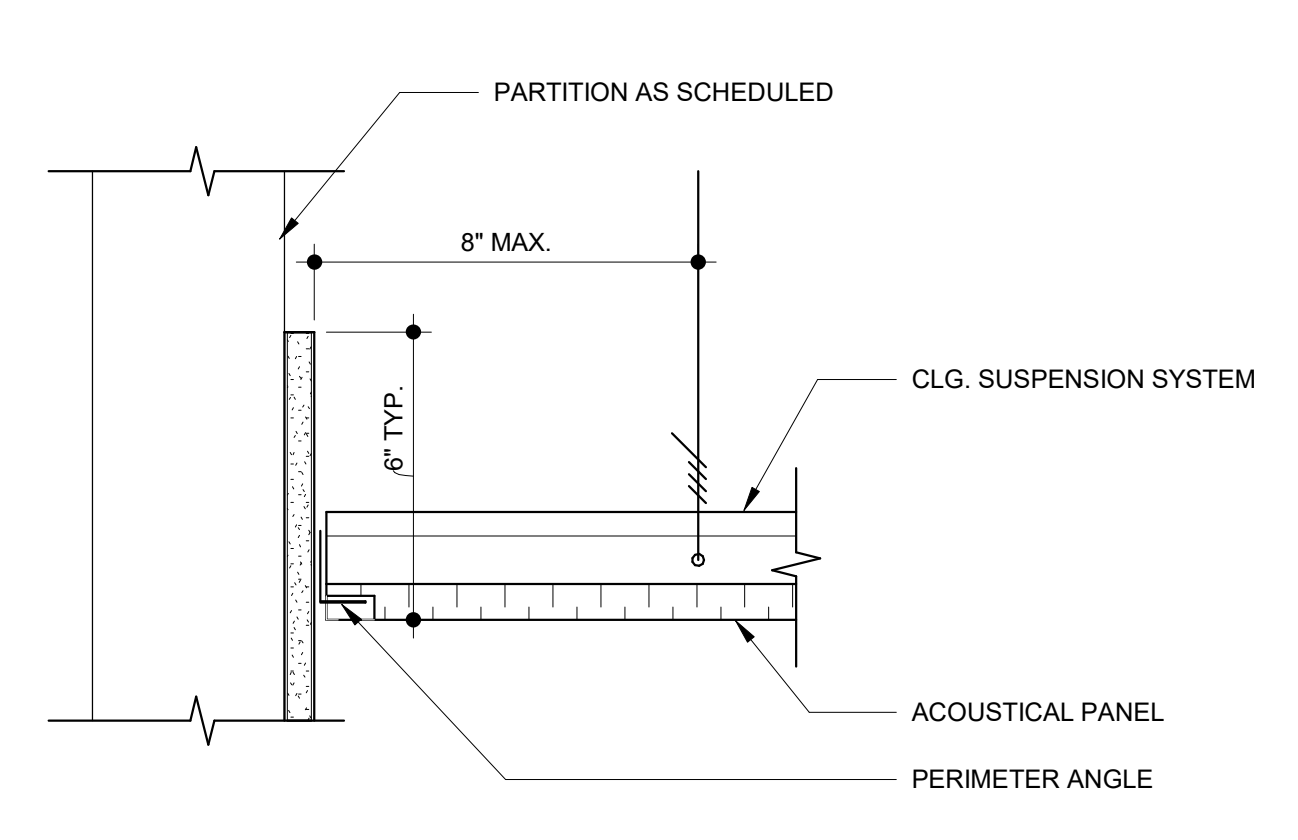


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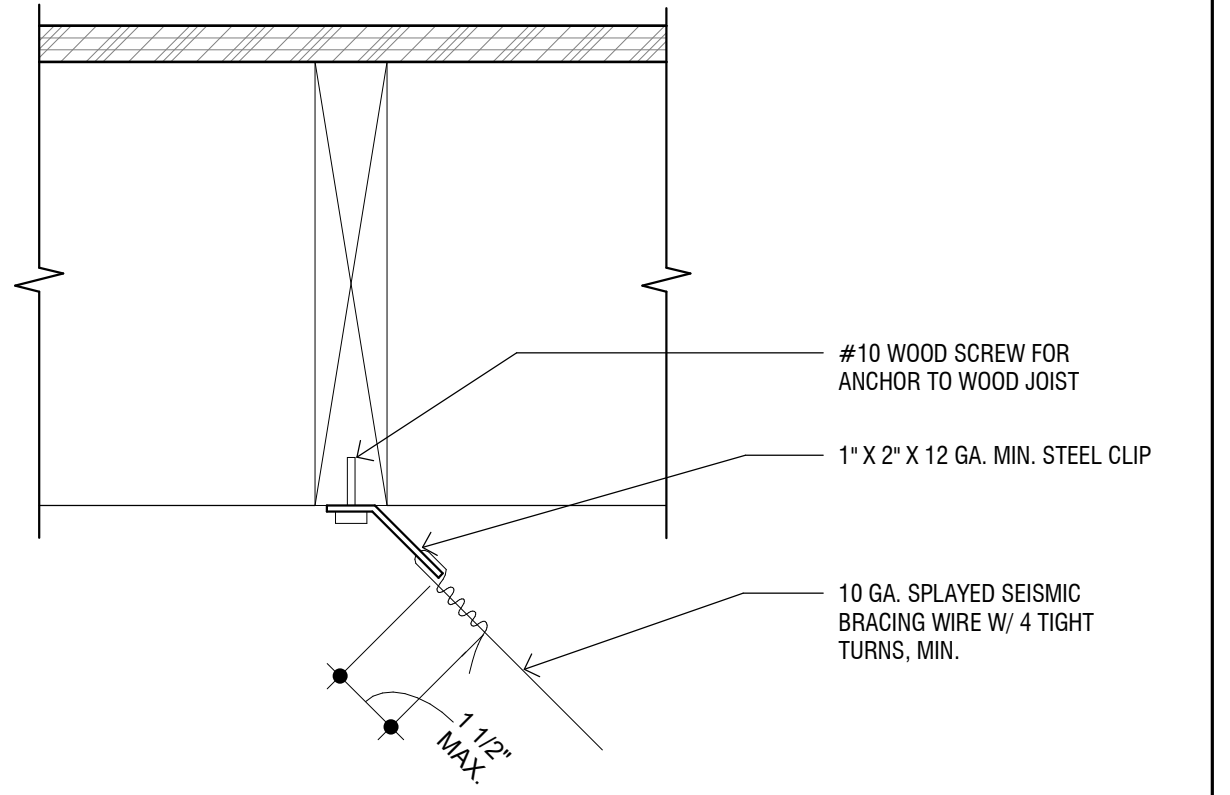
**8 HANGAR WIRE ATTACHMENT @ WD FLR FRAMING**  
 SCALE: 3" = 1'-0"



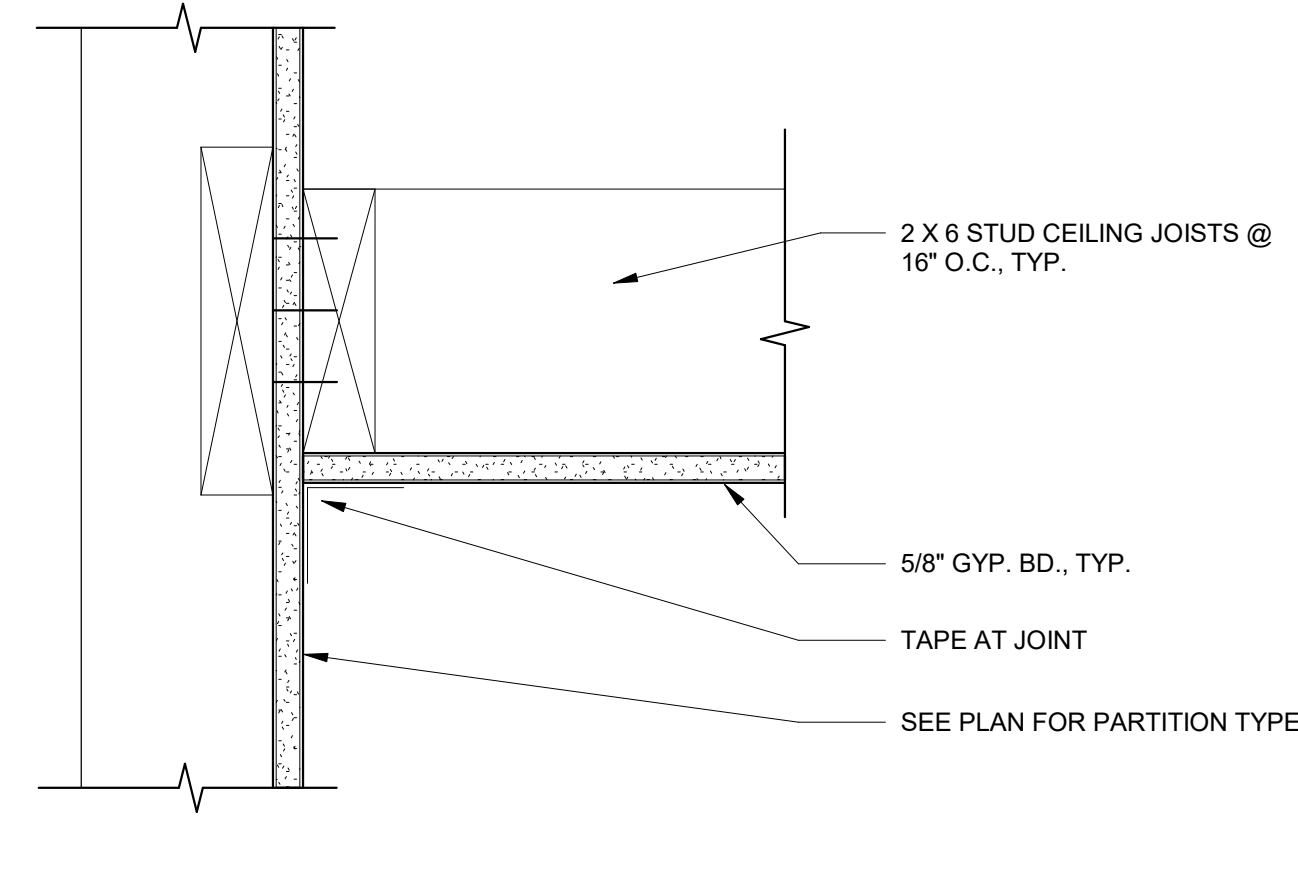
**4 TYP. CONDITION @ ACOUSTIC TILE CEILING**  
 SCALE: 3" = 1'-0"



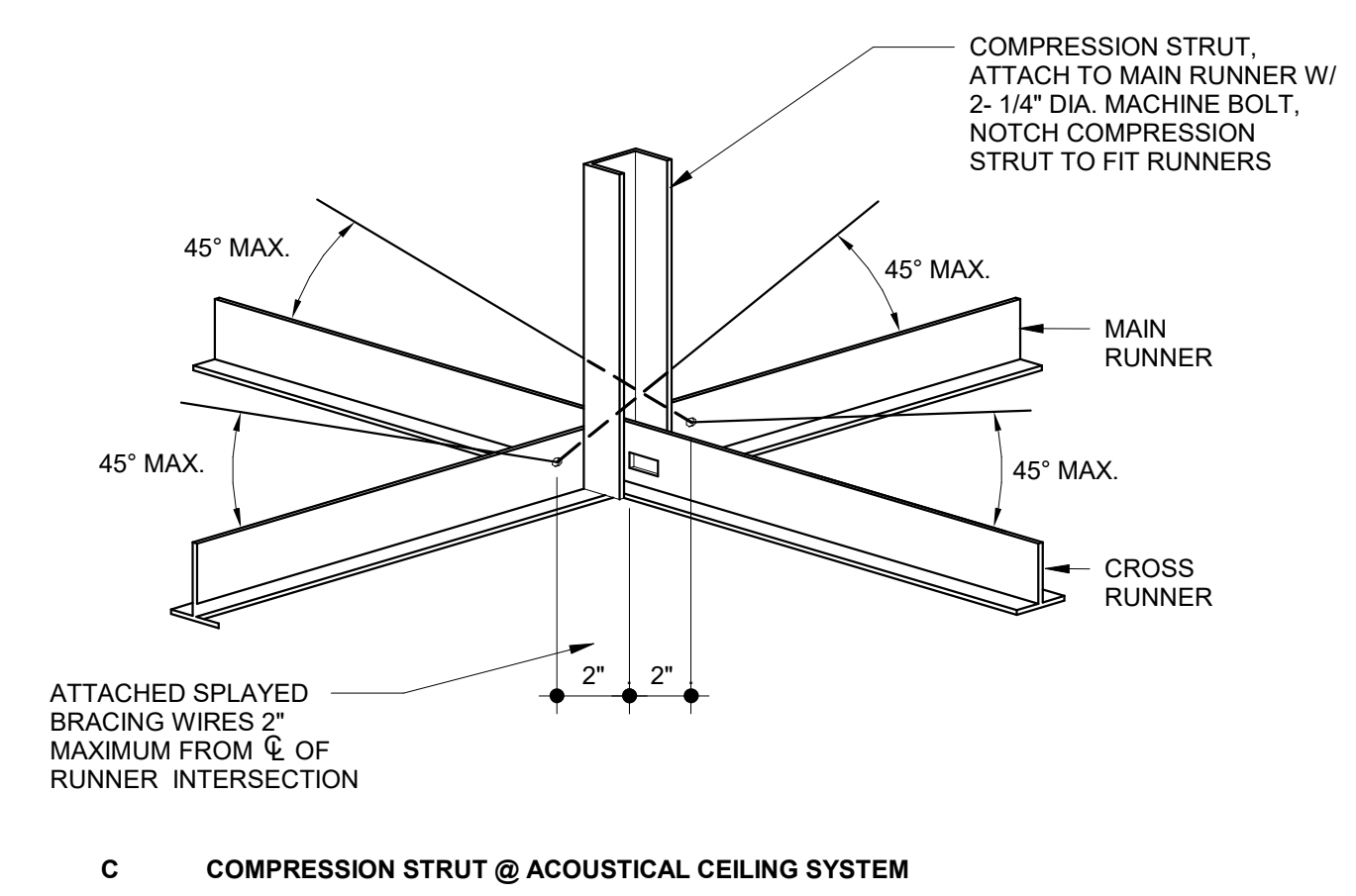
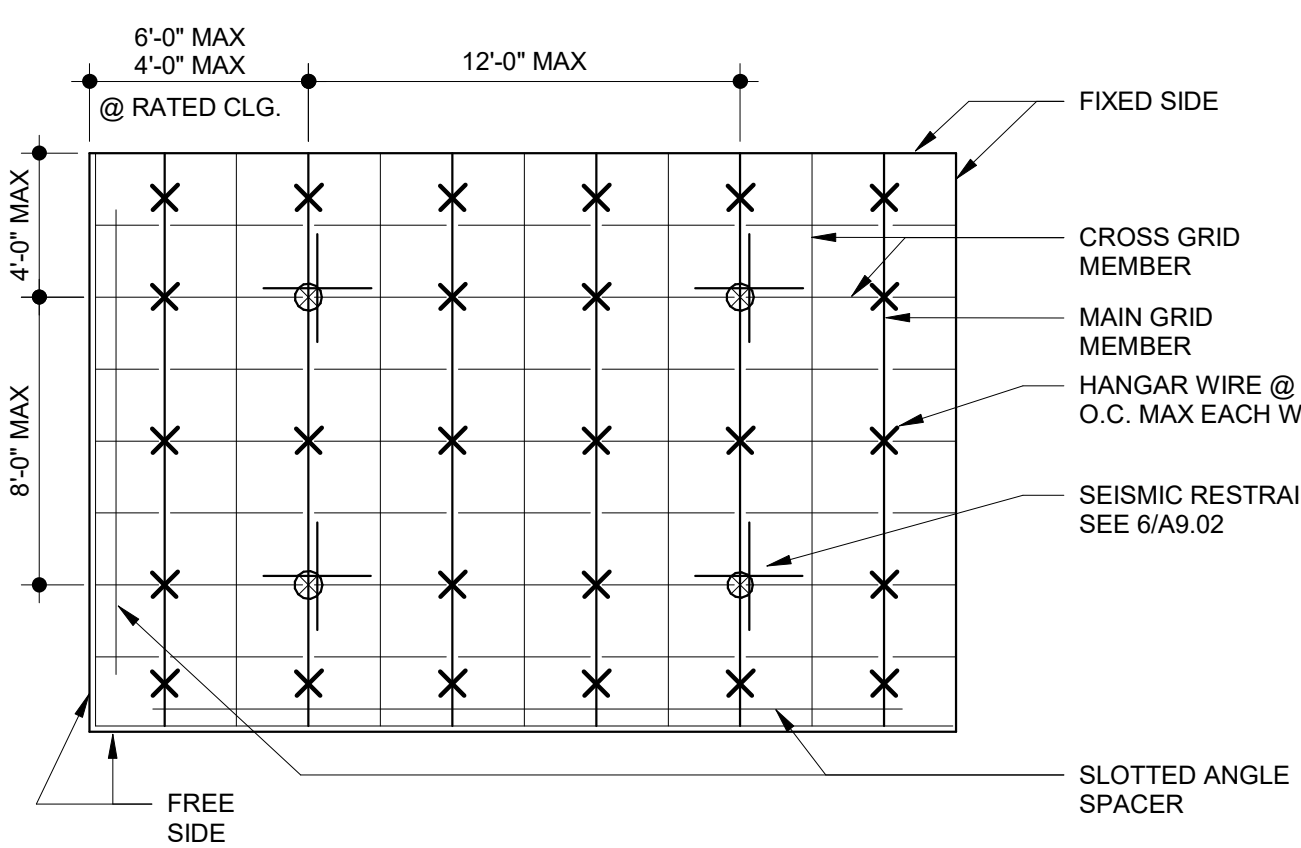
**7 SEISMIC BRACING @ FLOOR FRAMING**  
 SCALE: 3" = 1'-0"



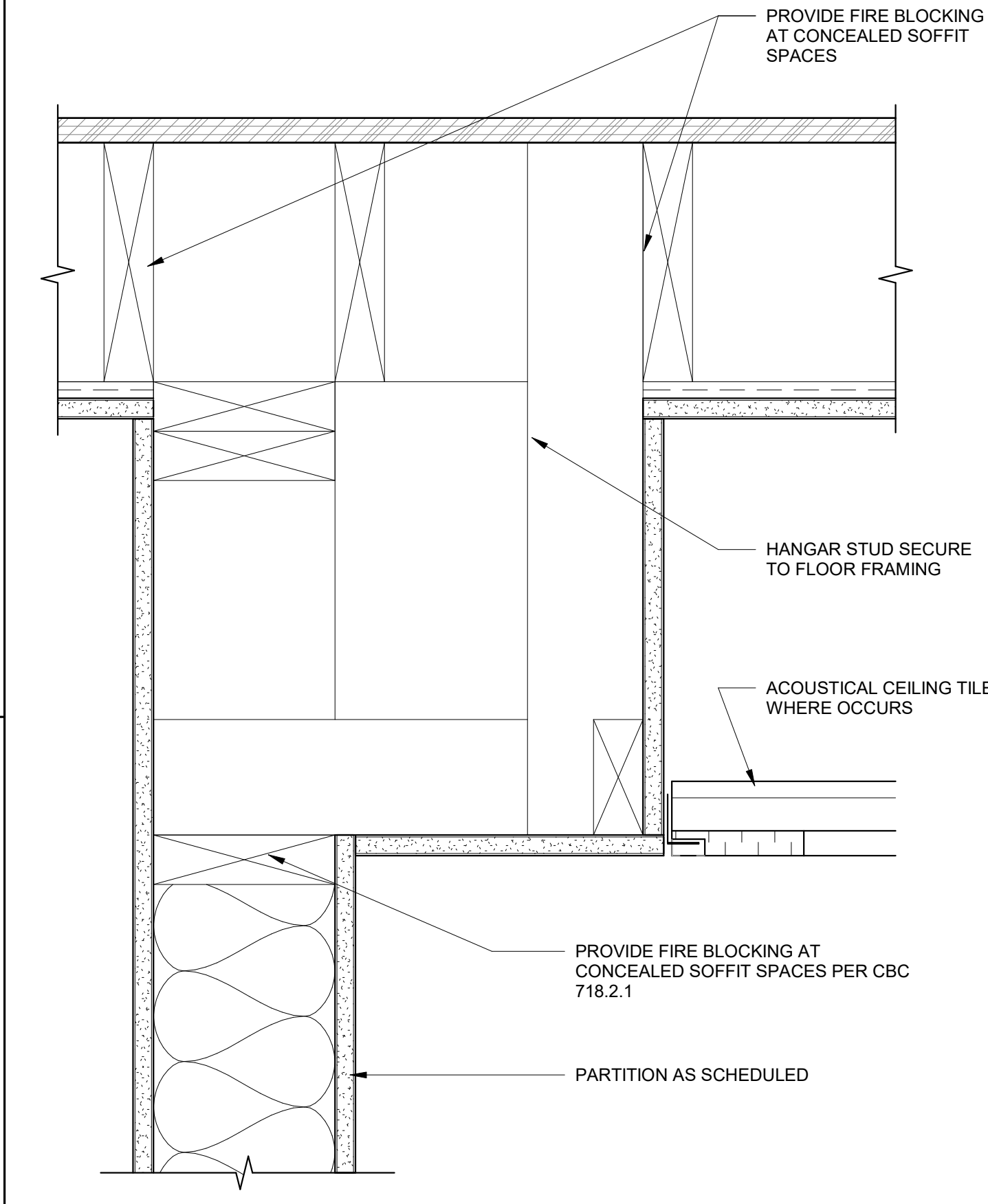
**3 TYPICAL CONDITION @ GYP. BD. CEILING**  
 SCALE: 3" = 1'-0"



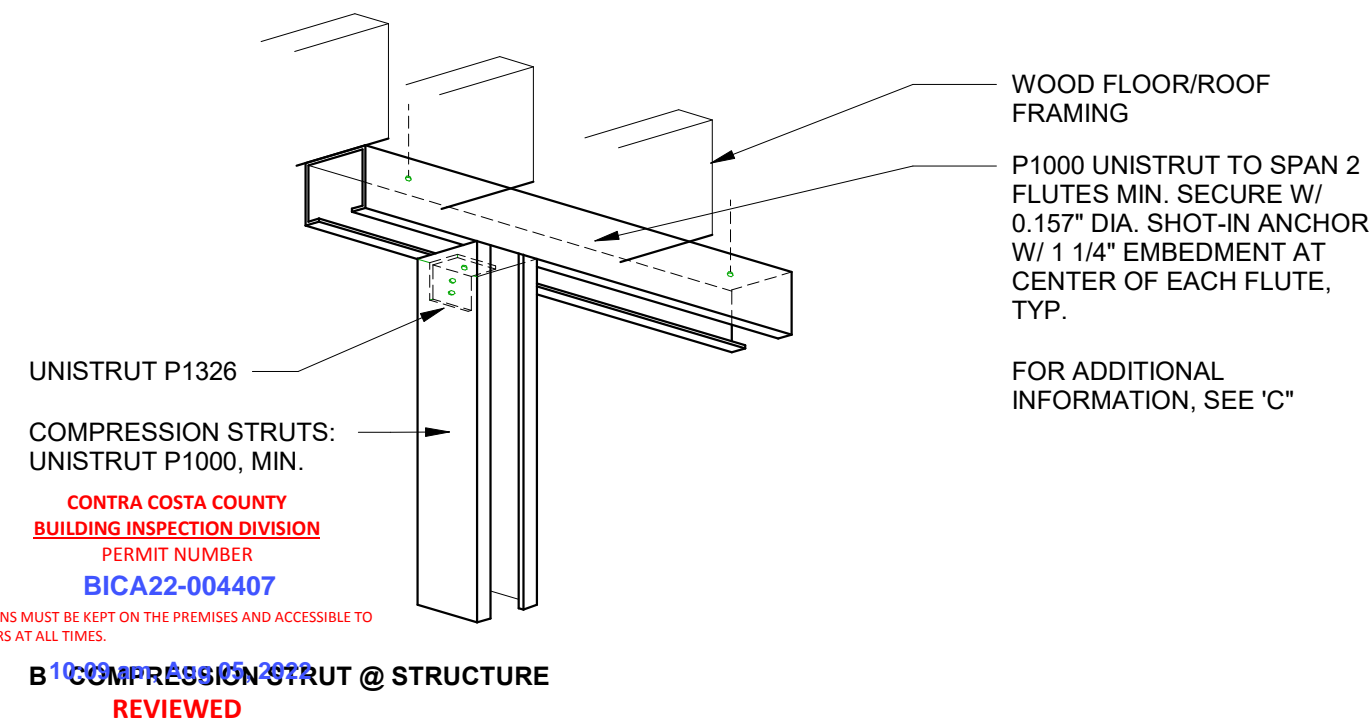
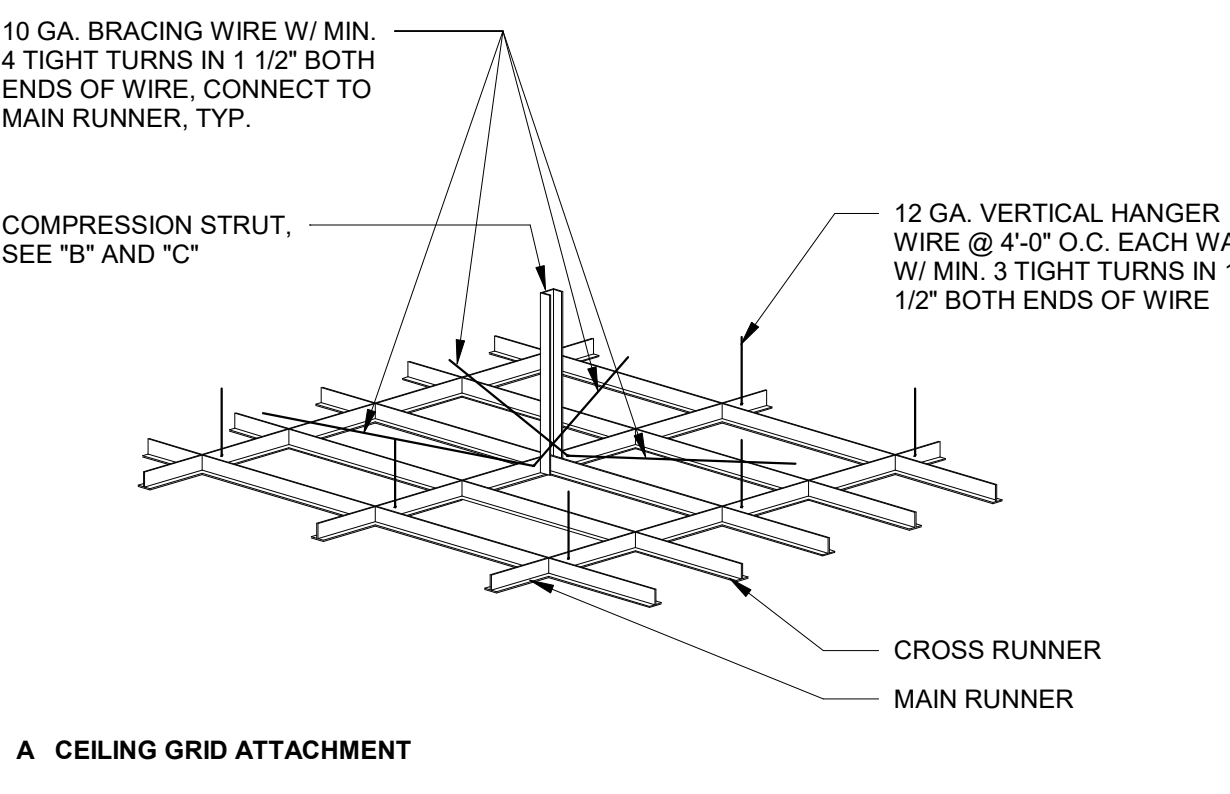
**6 TYPICAL ACOUSTIC CEILING SUSPENSION**  
 SCALE: 3" = 1'-0"



**10 TYPICAL SUSPENDED STUD @ SOFFIT**  
 SCALE: 3" = 1'-0"



**5 SUSPENDED ACOUSTIC CEILING BRACING SYSTEM**  
 SCALE: 3" = 1'-0"



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 By: ROSALINA ACUFF

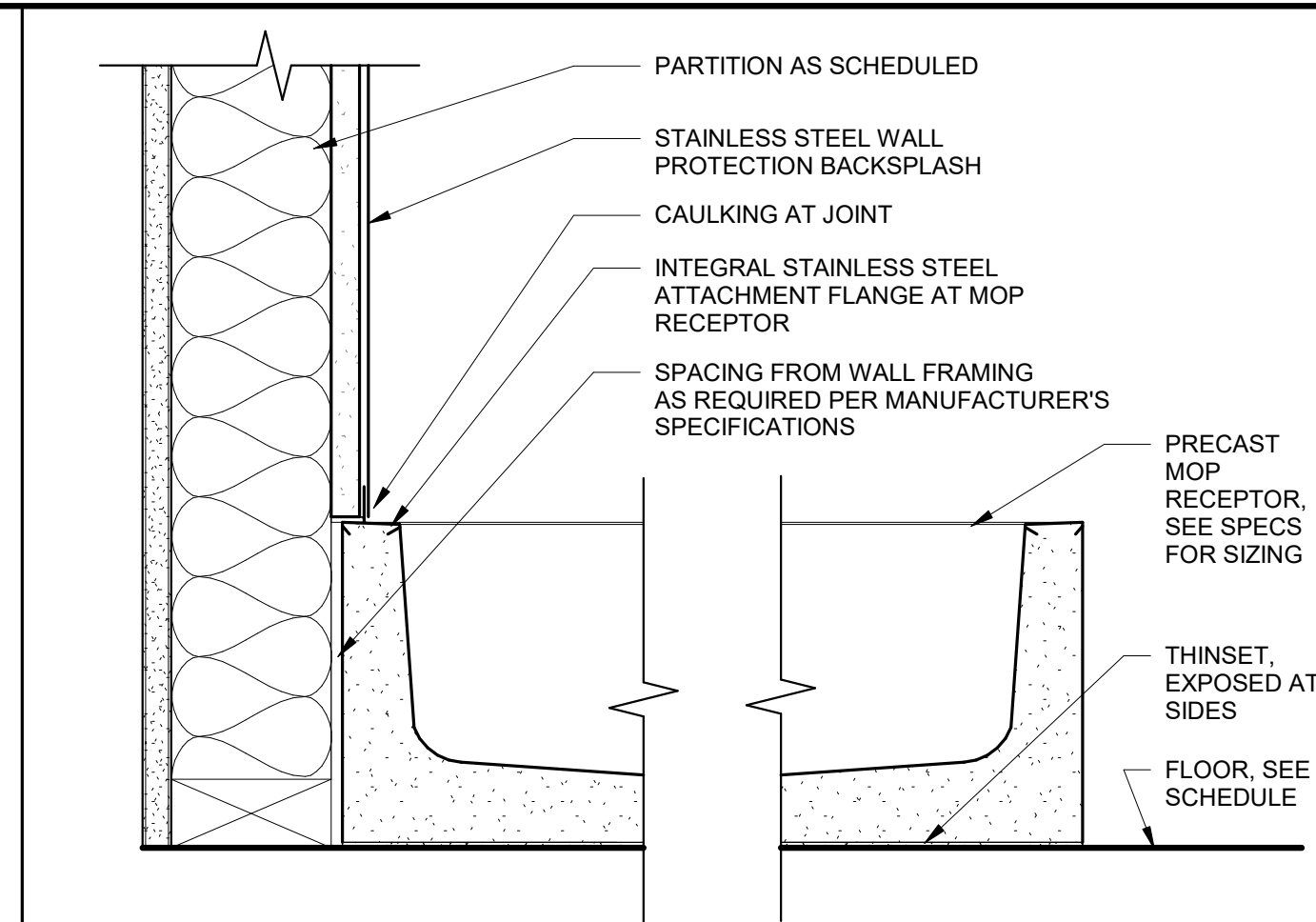


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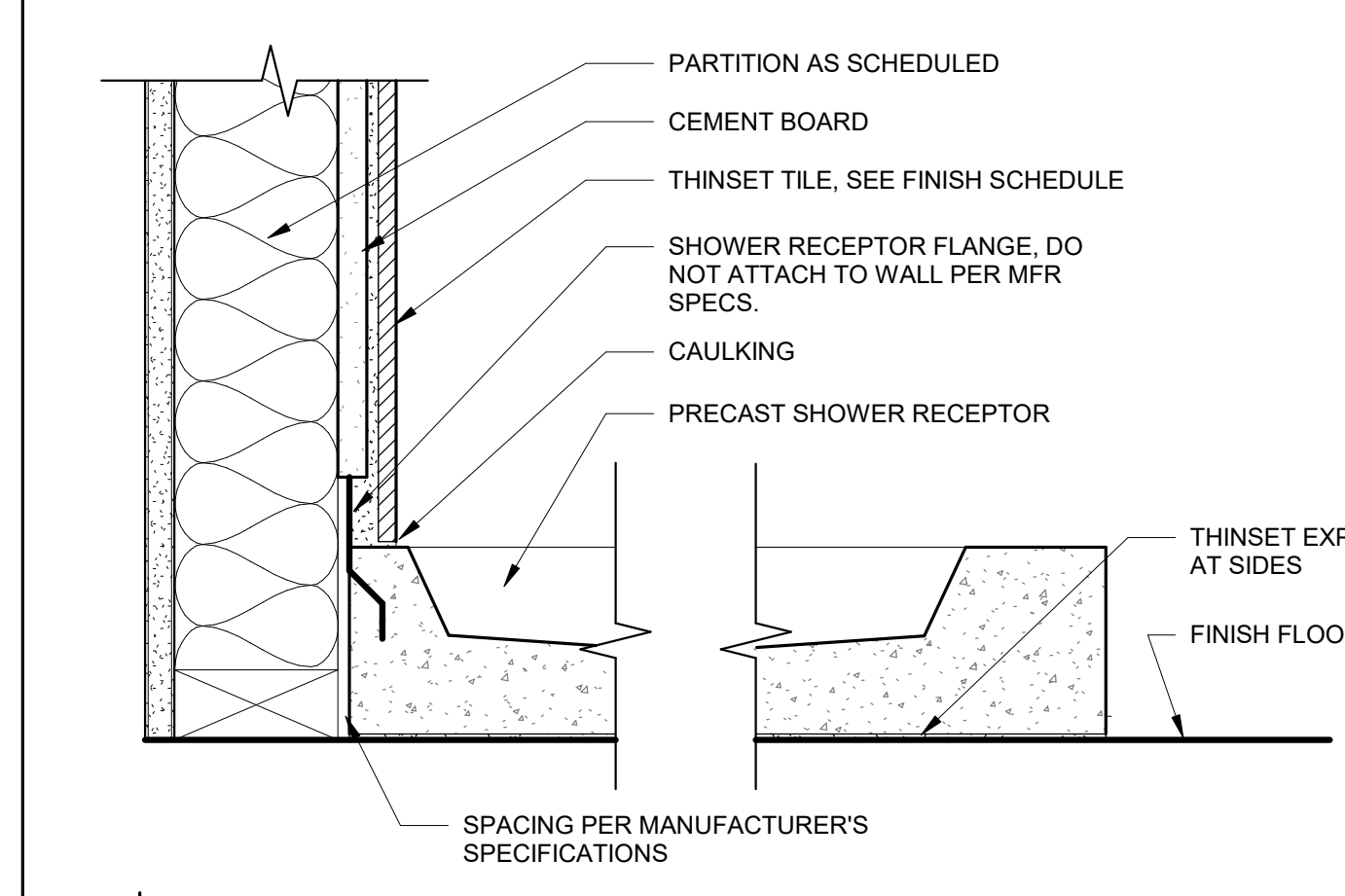


PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

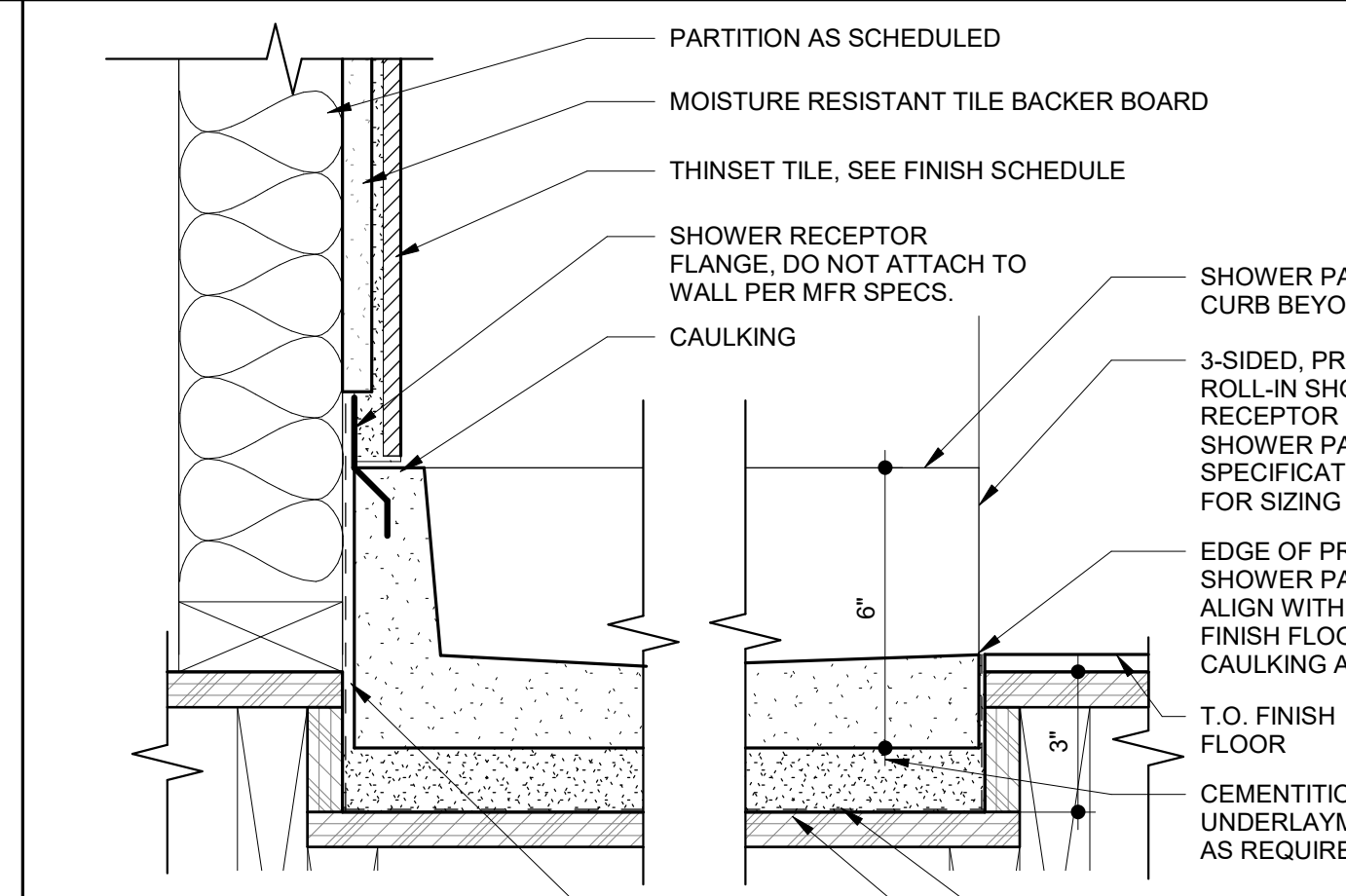
PROJECT TEAM  
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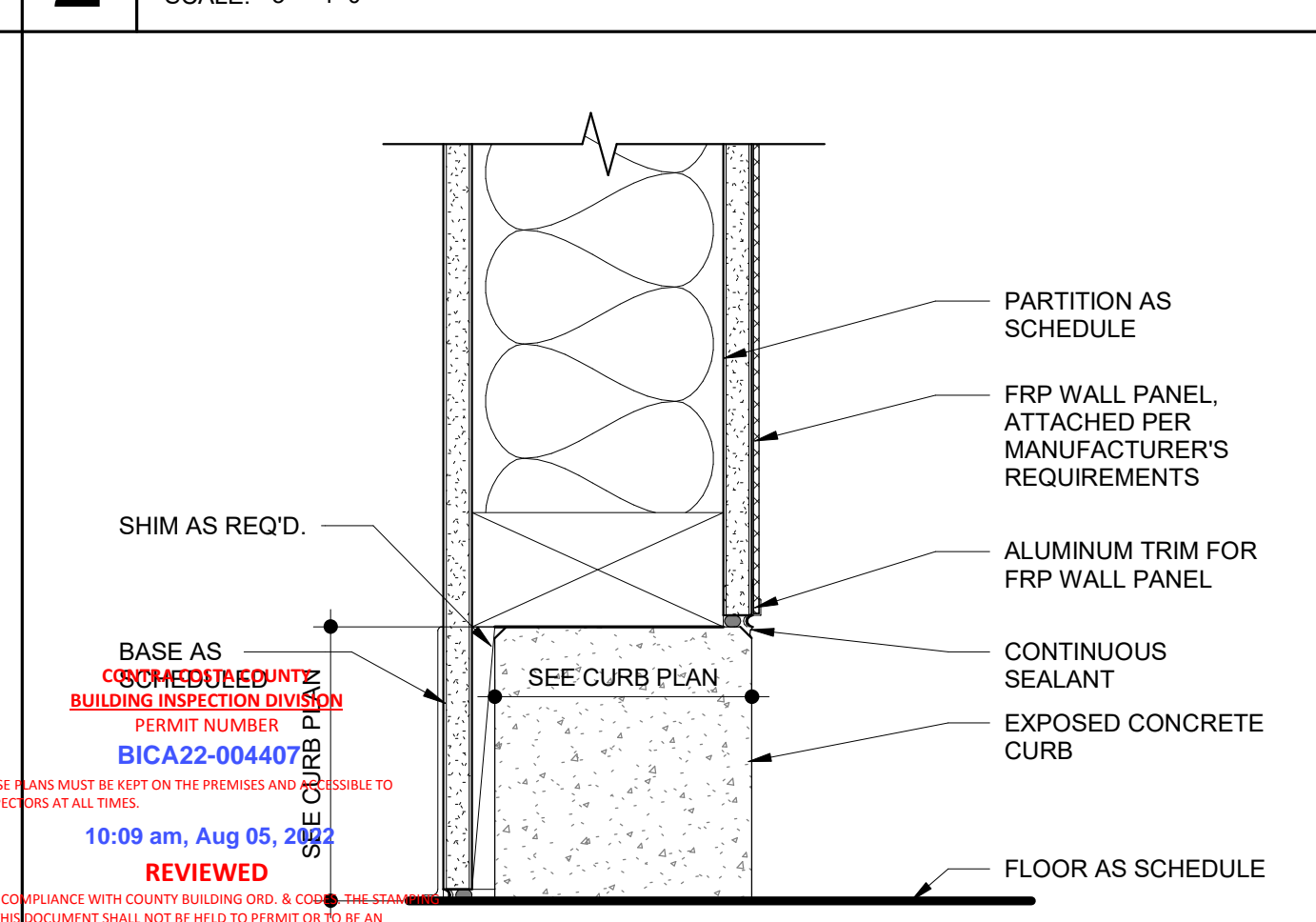
**4 MOP RECEPTOR**  
 SCALE: 3" = 1'-0"



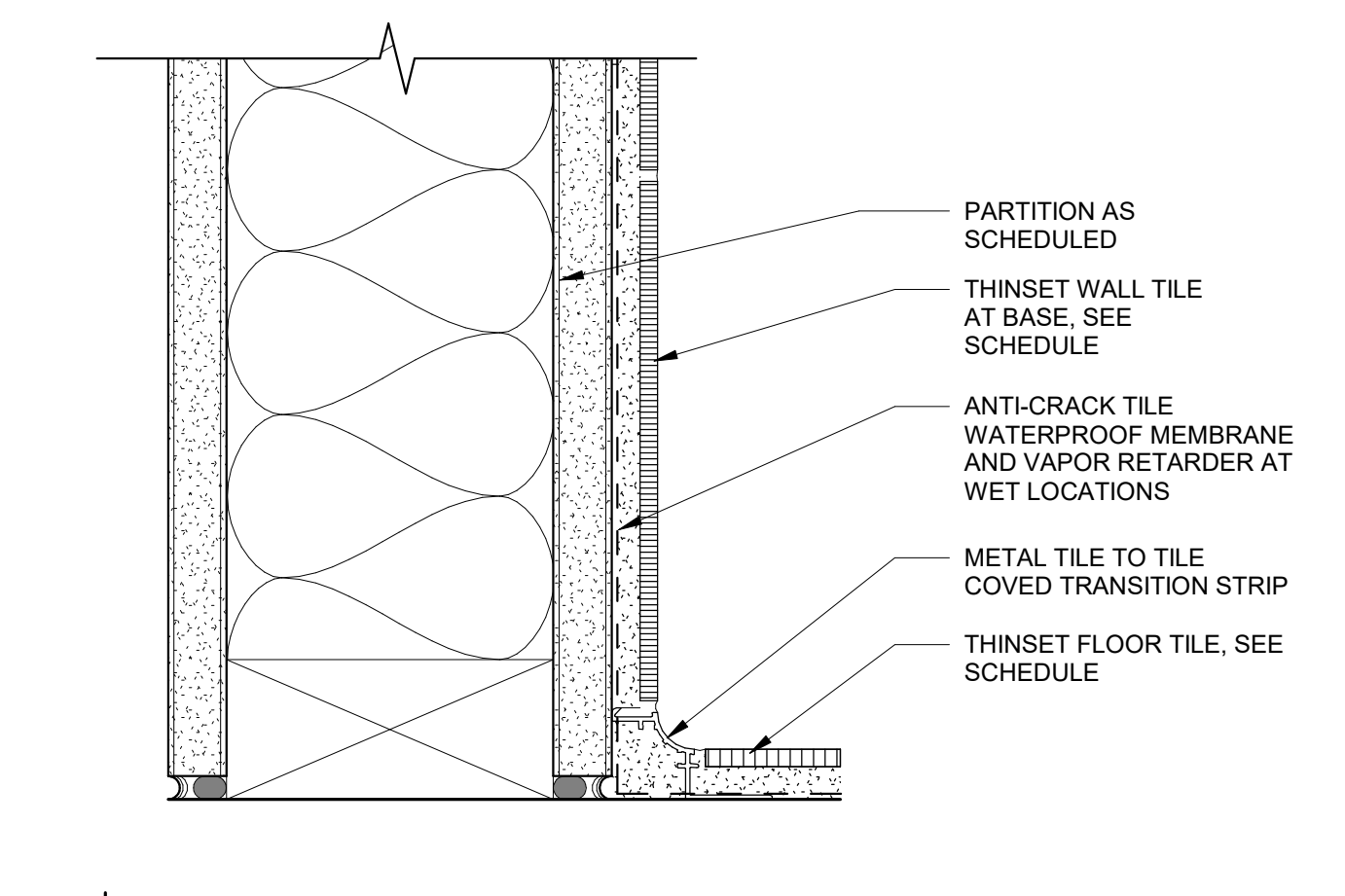
**3 SHOWER RECEPTOR**  
 SCALE: 3" = 1'-0"



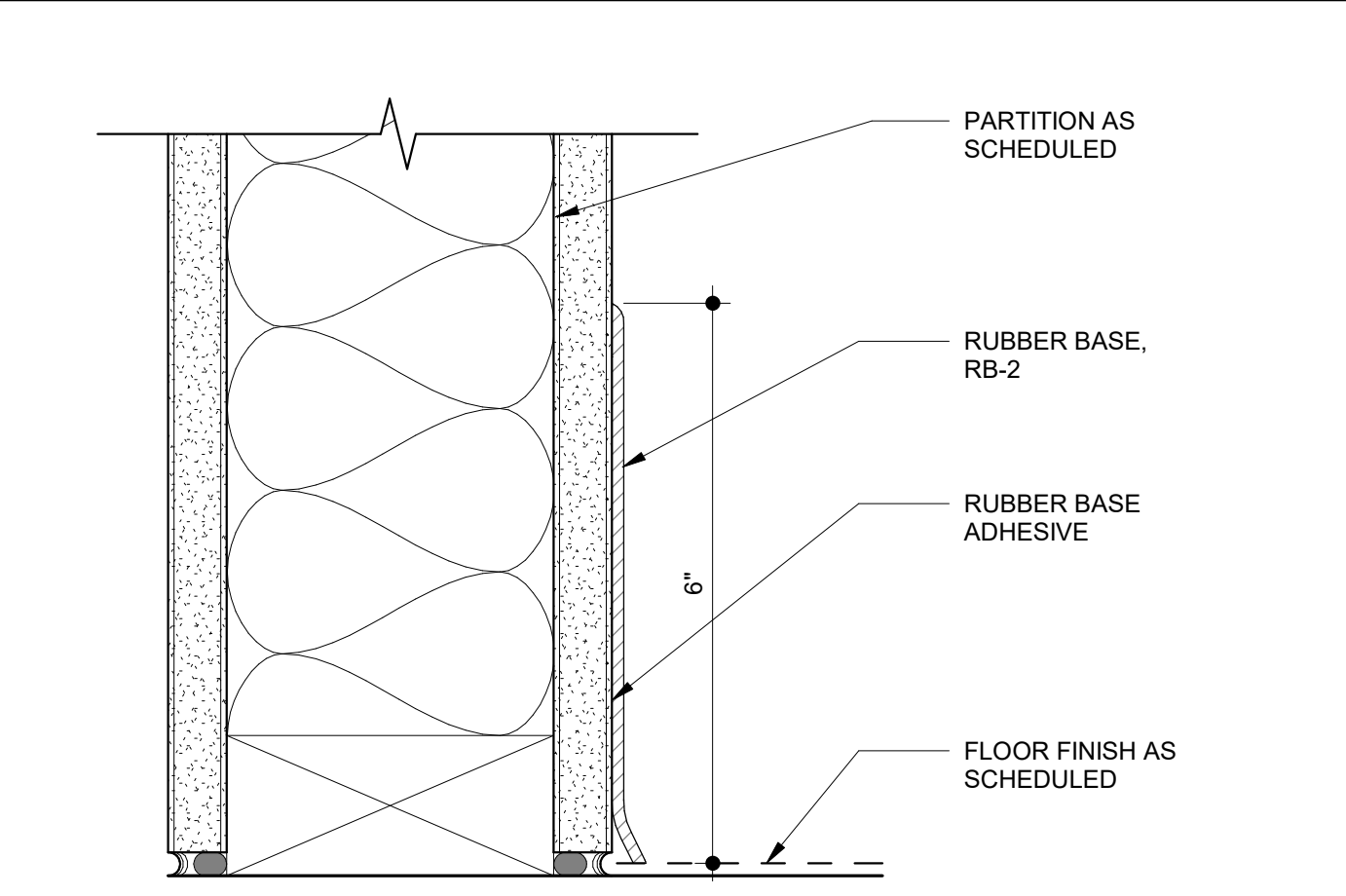
**2 SHOWER RECEPTOR - RECESSED**  
 SCALE: 3" = 1'-0"



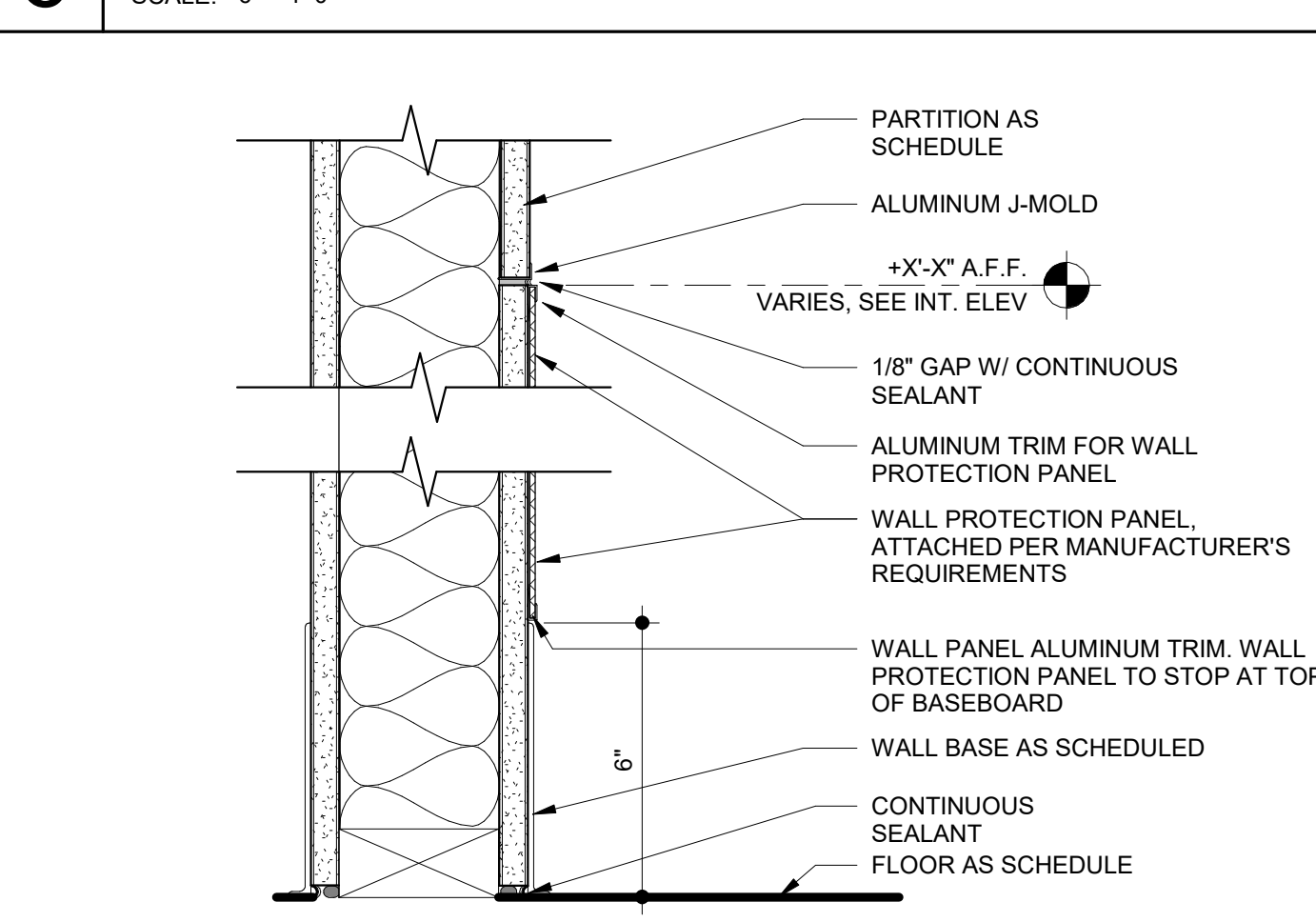
**1 EXPOSED CONCRETE CURB BASE**  
 SCALE: 3" = 1'-0"



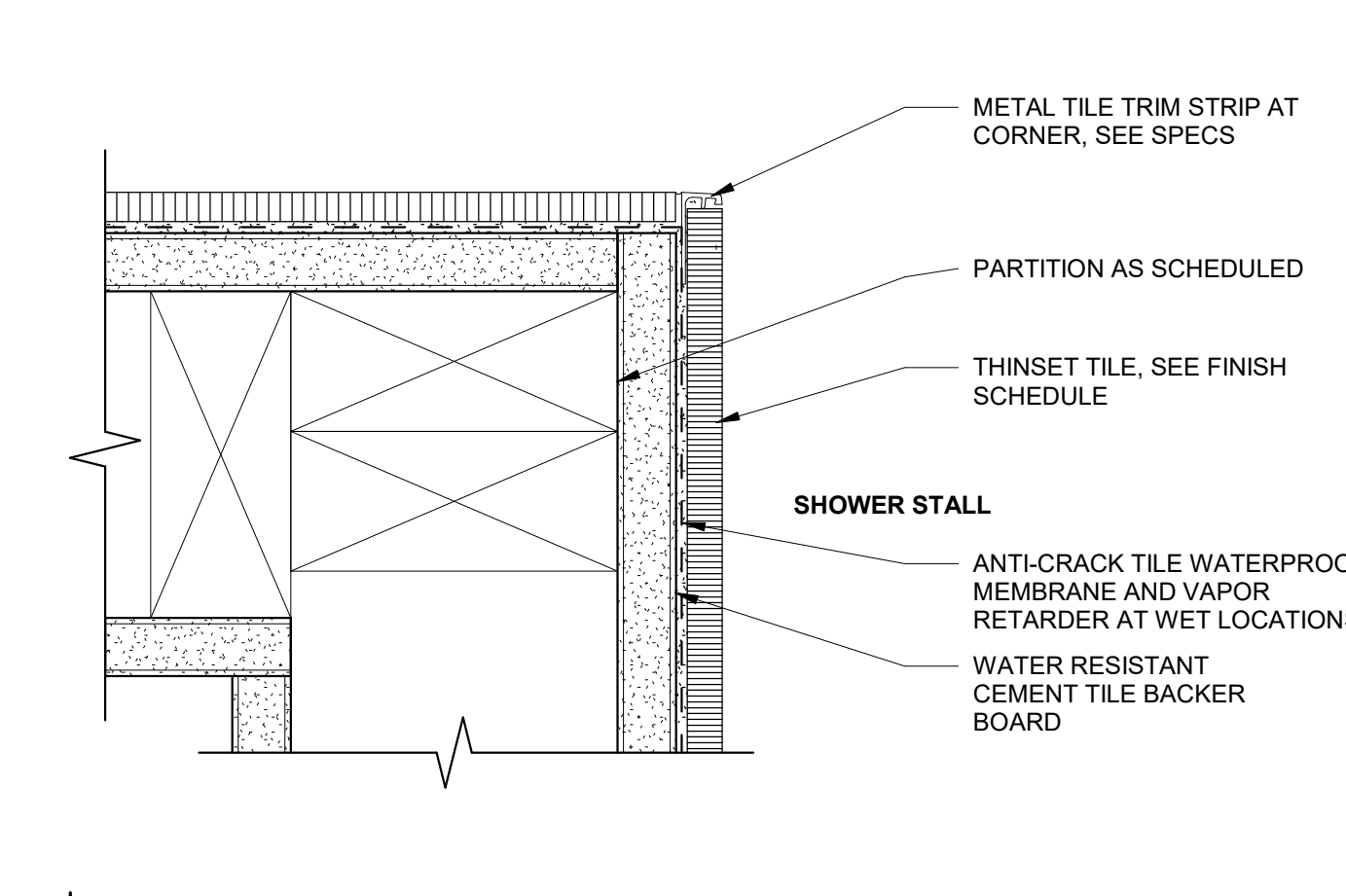
**7 WALL TILE BASE @ FINISH FLOOR**  
 SCALE: 6" = 1'-0"



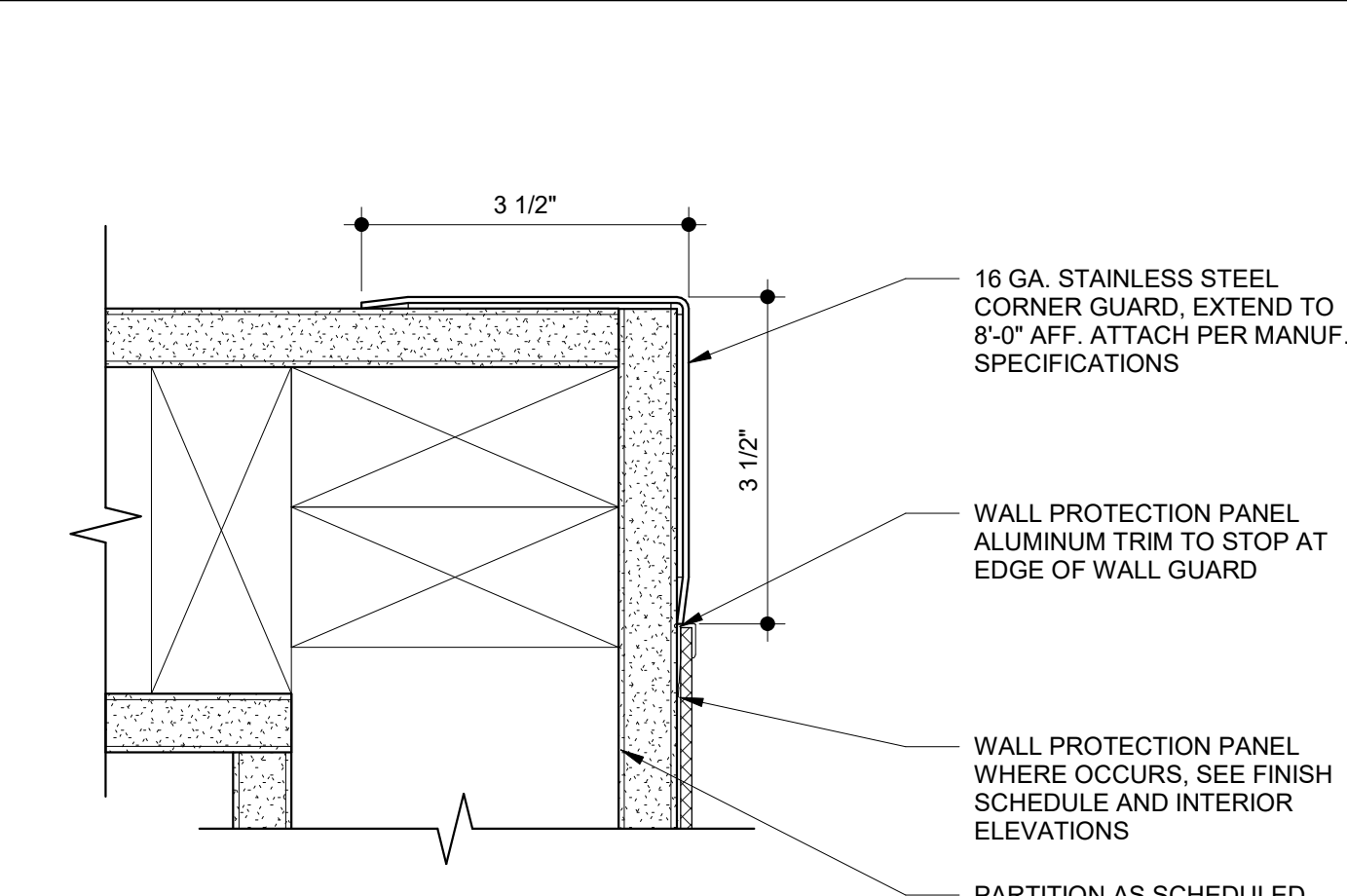
**6 TYPICAL RUBBER BASE @ FINISH FLOOR**  
 SCALE: 6" = 1'-0"



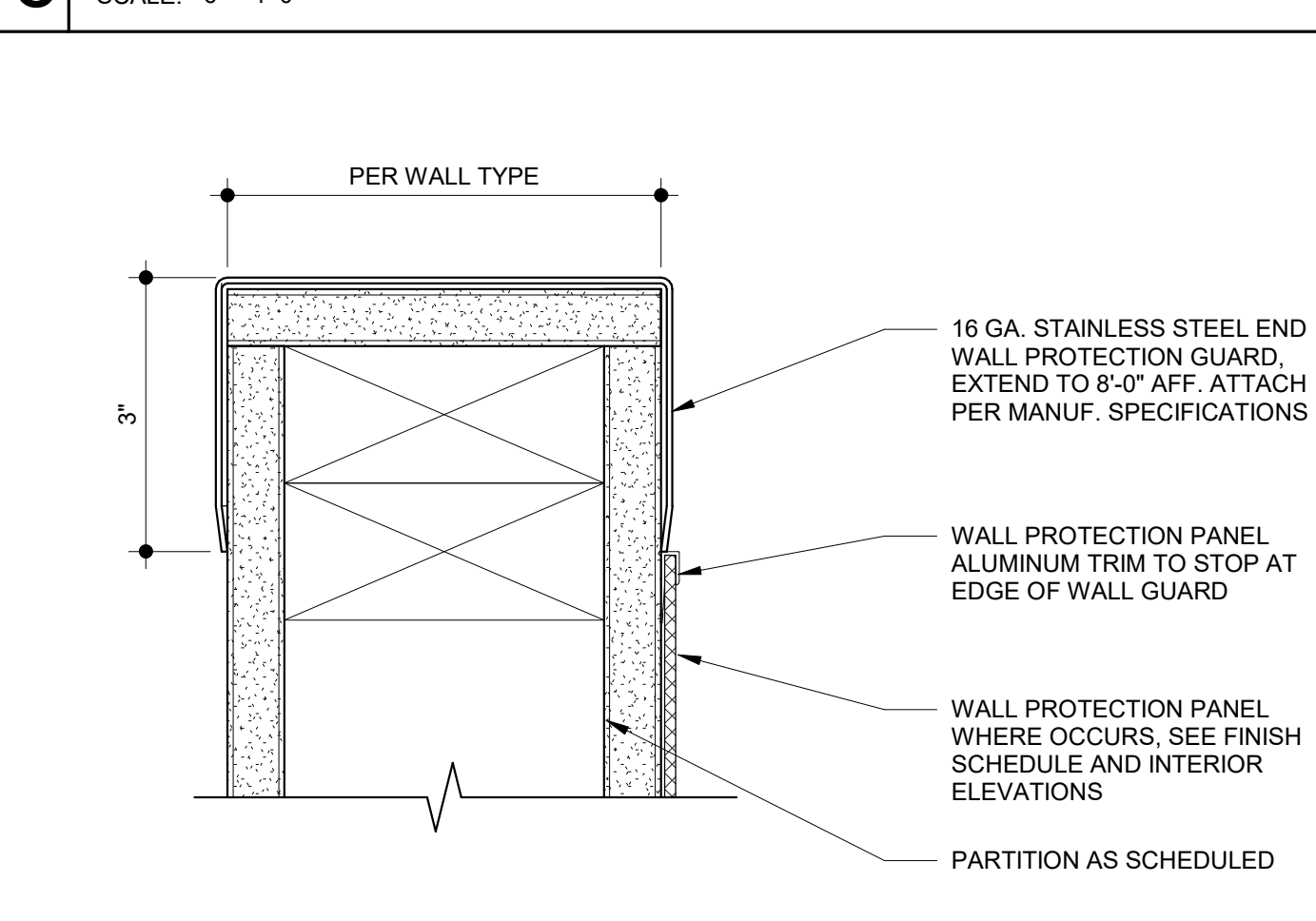
**5 WALL PROTECTION PANEL DETAIL**  
 SCALE: 3" = 1'-0"



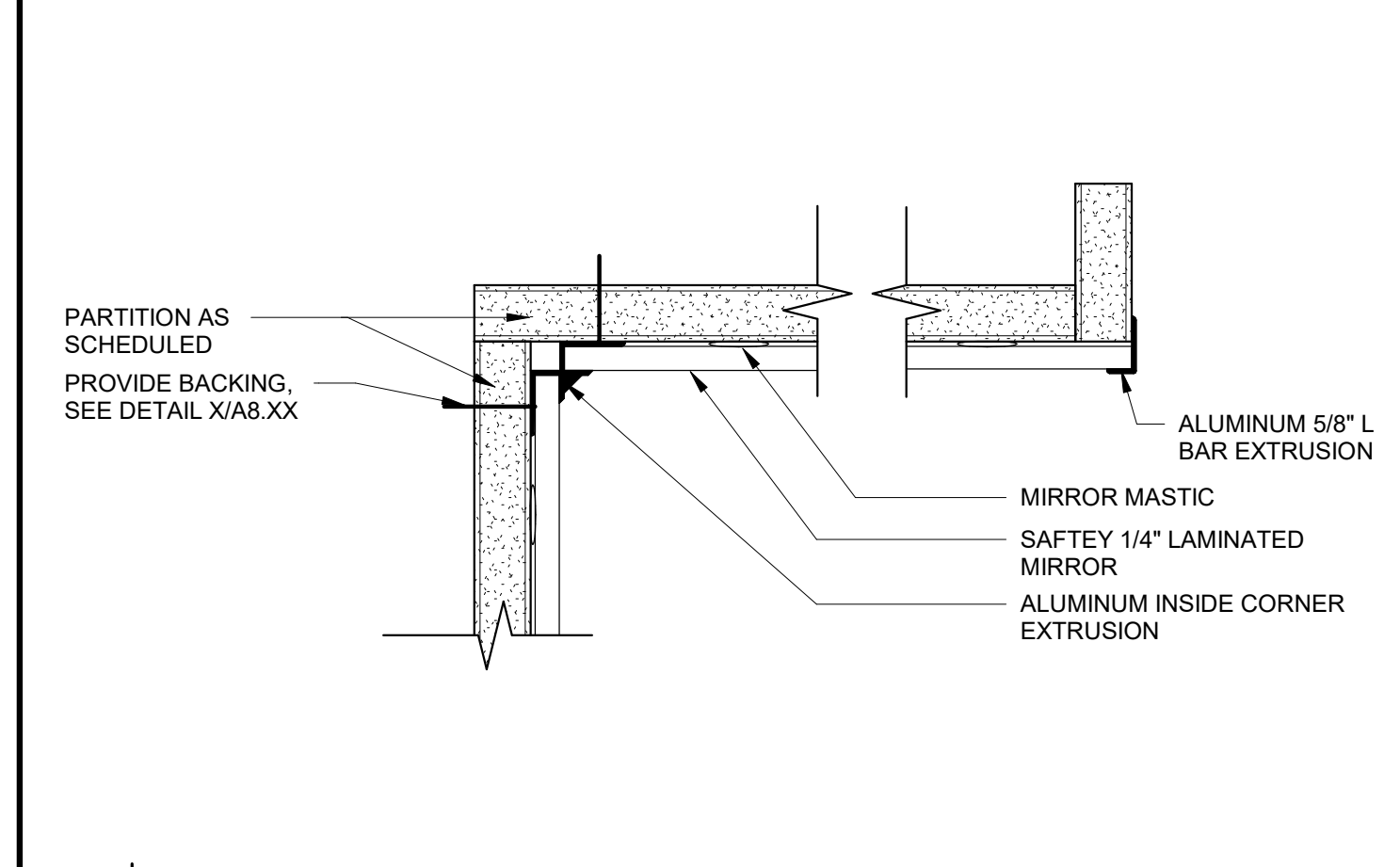
**11 OUTSIDE CORNER TILE PLAN DETAIL**  
 SCALE: 6" = 1'-0"



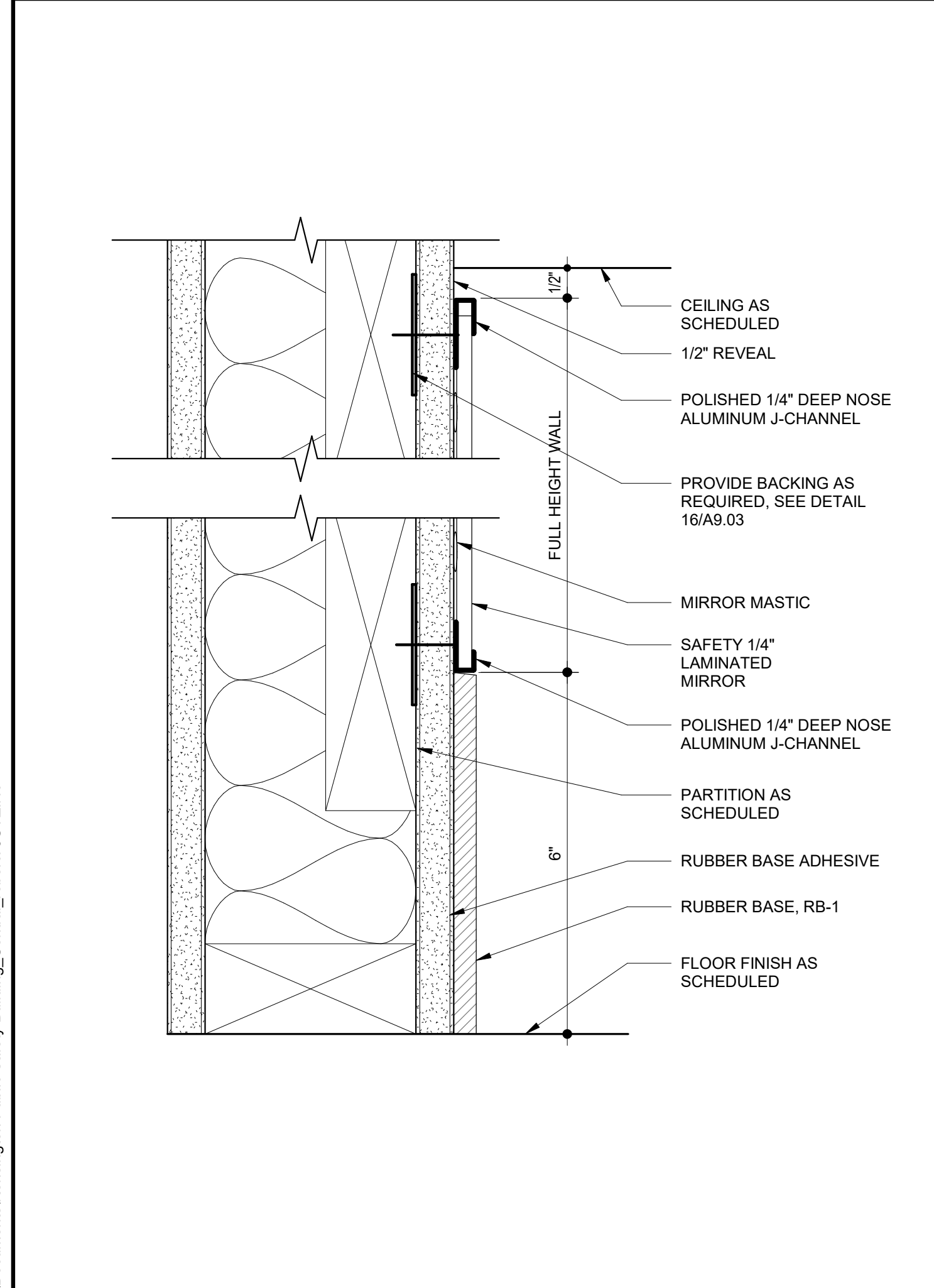
**10 CORNER GUARD PLAN DETAIL**  
 SCALE: 6" = 1'-0"



**9 END WALL GUARD PLAN DETAIL**  
 SCALE: 6" = 1'-0"



**15 MIRROR WALL PLAN DETAIL**  
 SCALE: 6" = 1'-0"



**13 MIRROR WALL SECTION DETAIL**  
 SCALE: 6" = 1'-0"

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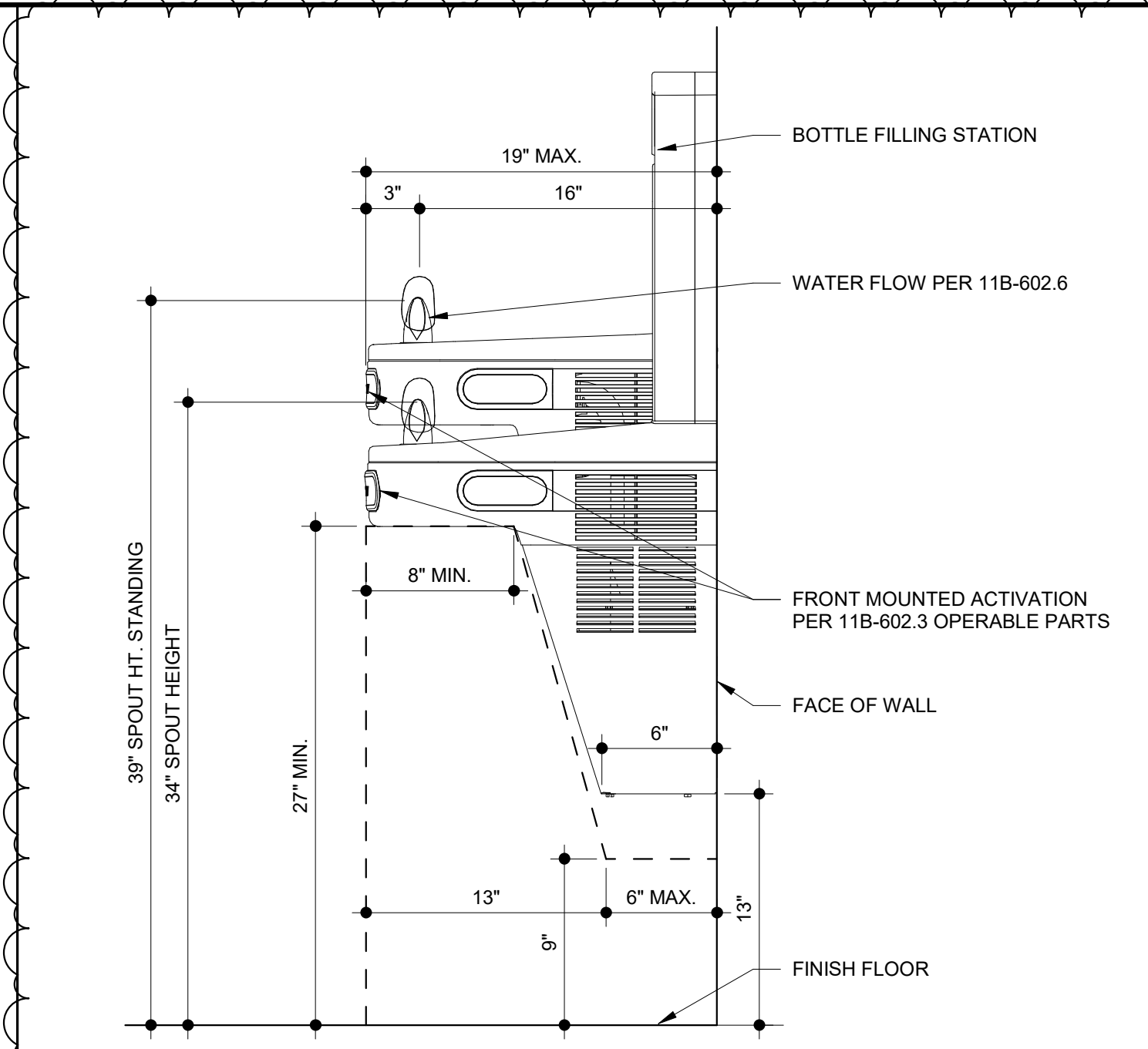
JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 INTERIOR DETAILS

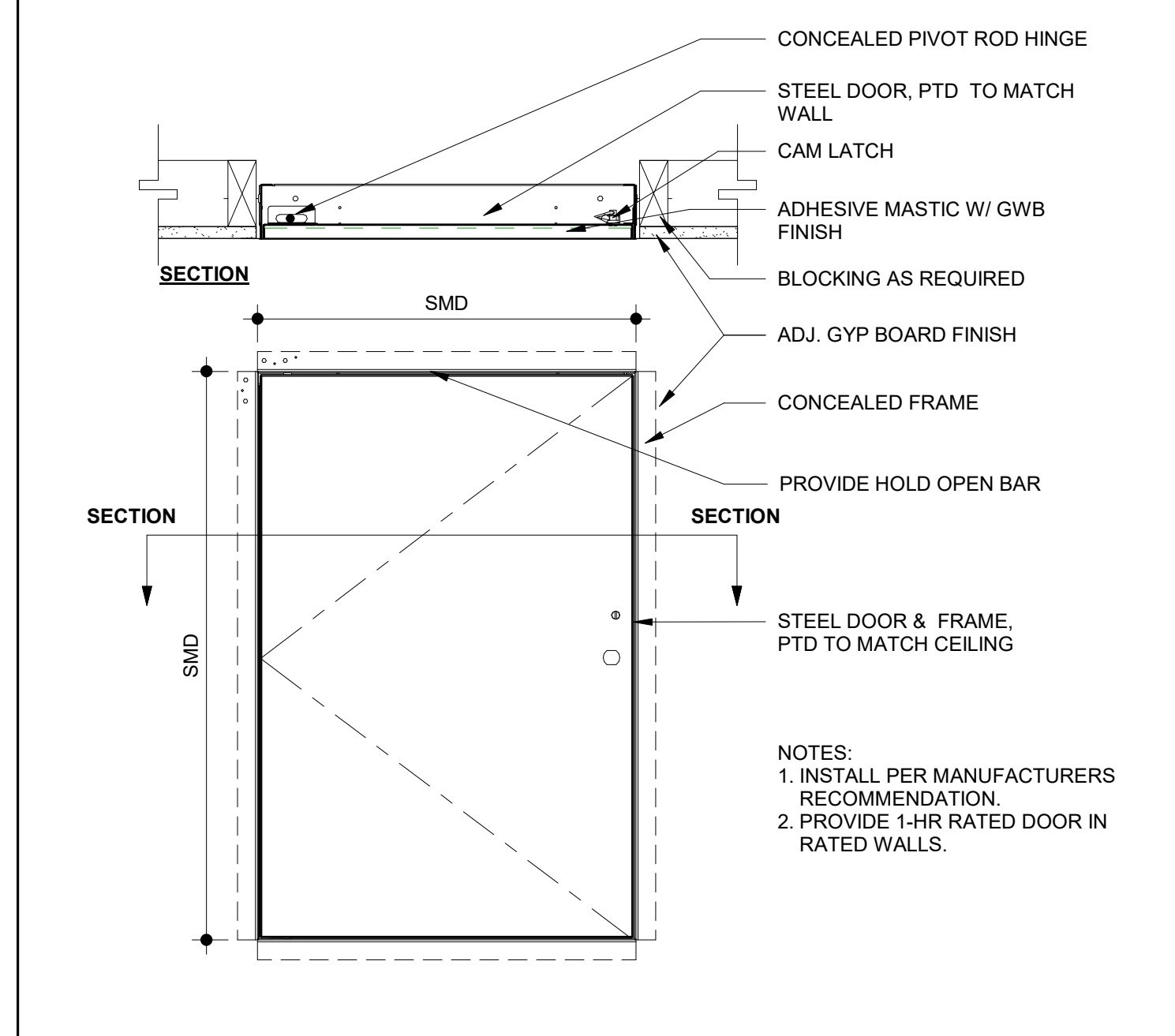
**A905**

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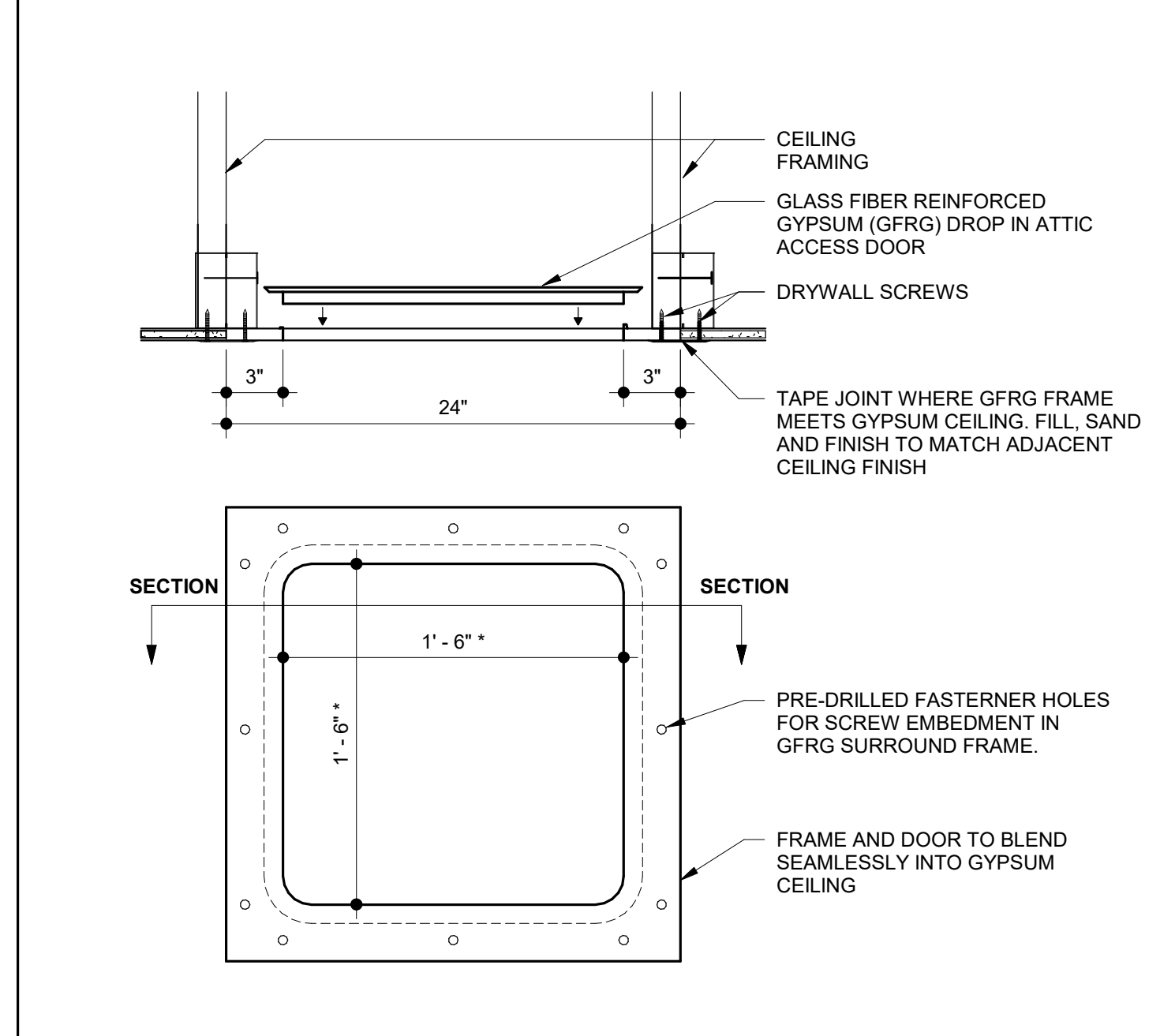
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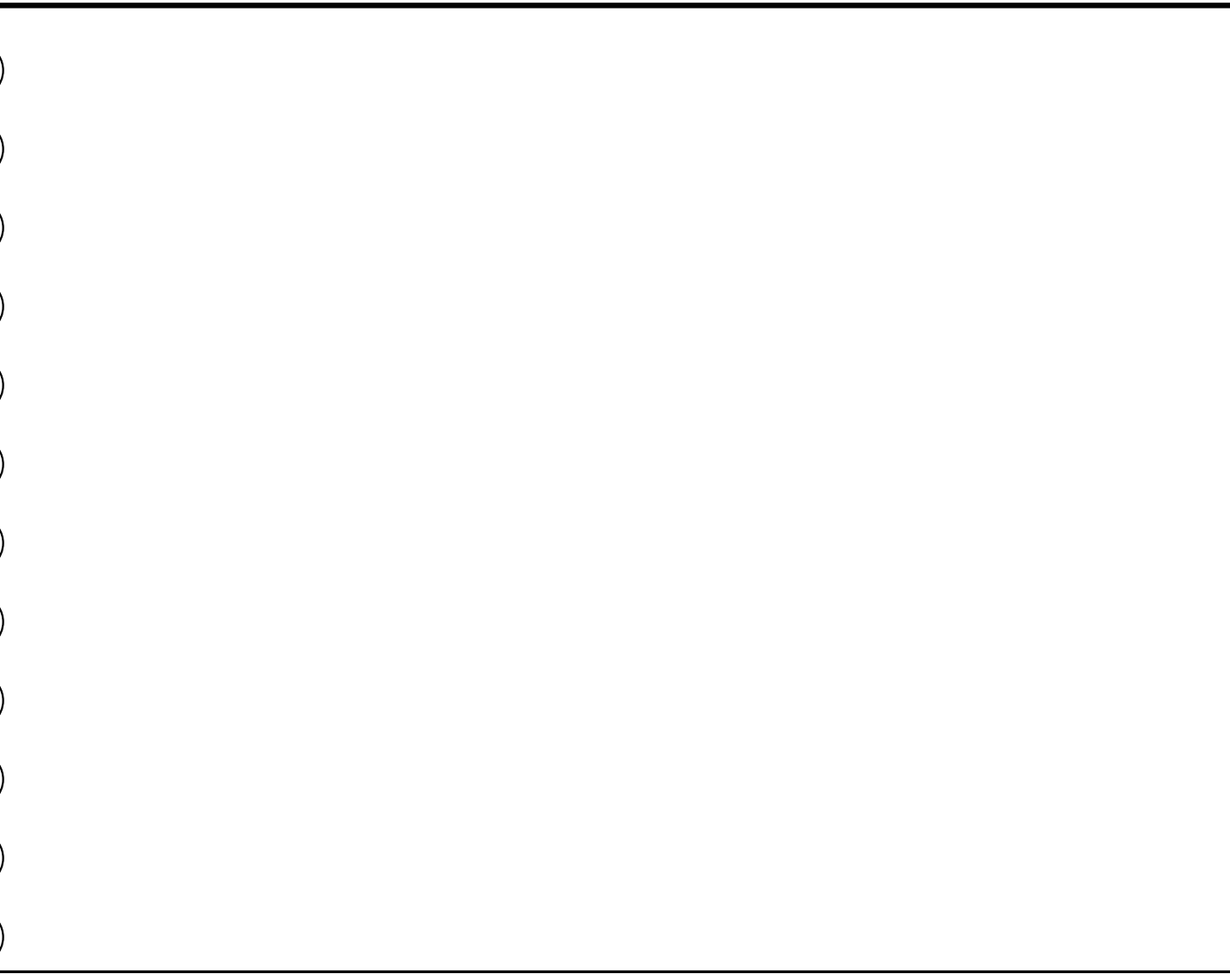
**11 HI-LO DRINKING FOUNTAIN**  
SCALE: 1 1/2" = 1'-0"



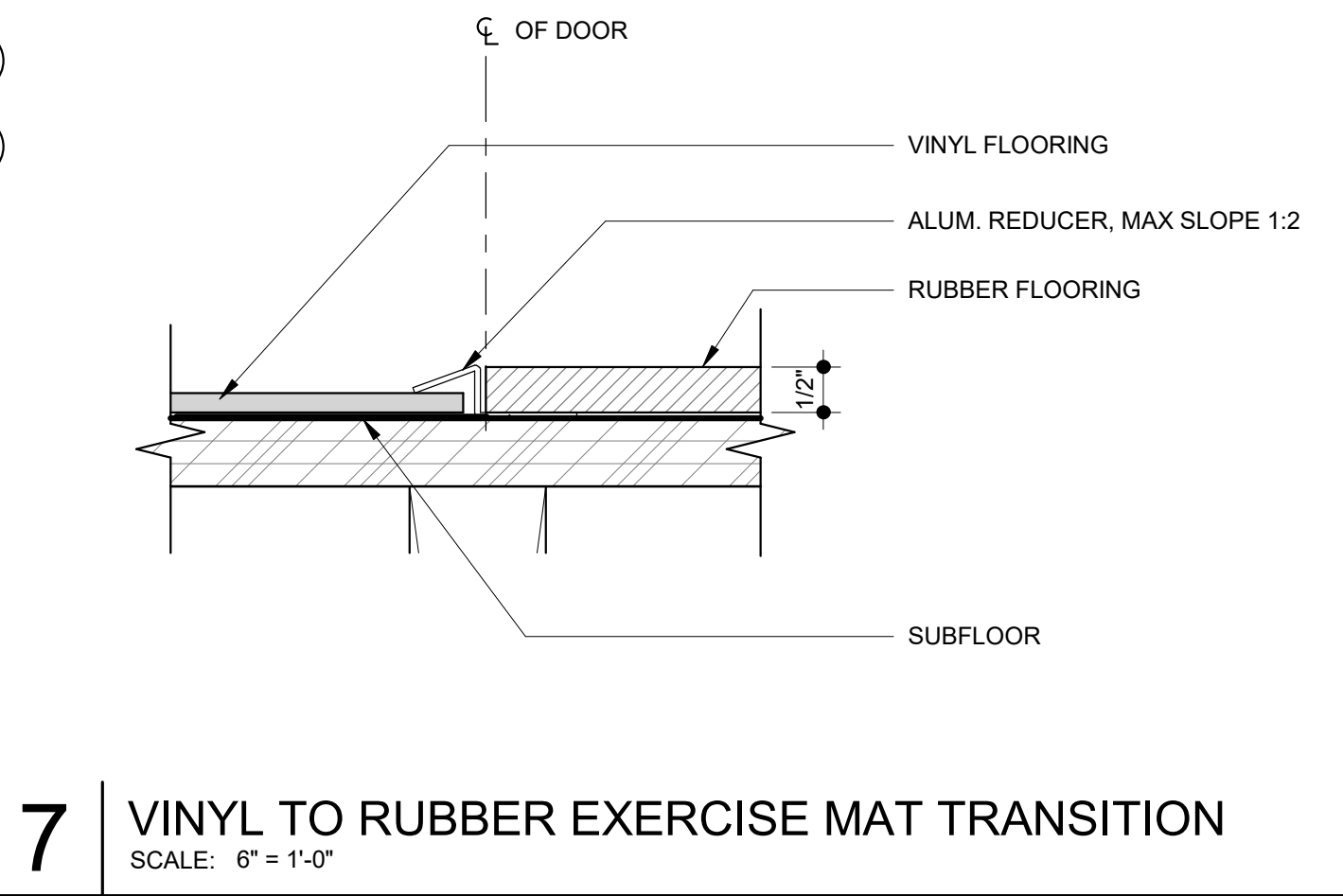
**10 WALL ACCESS PANEL**  
SCALE: 1 1/2" = 1'-0"



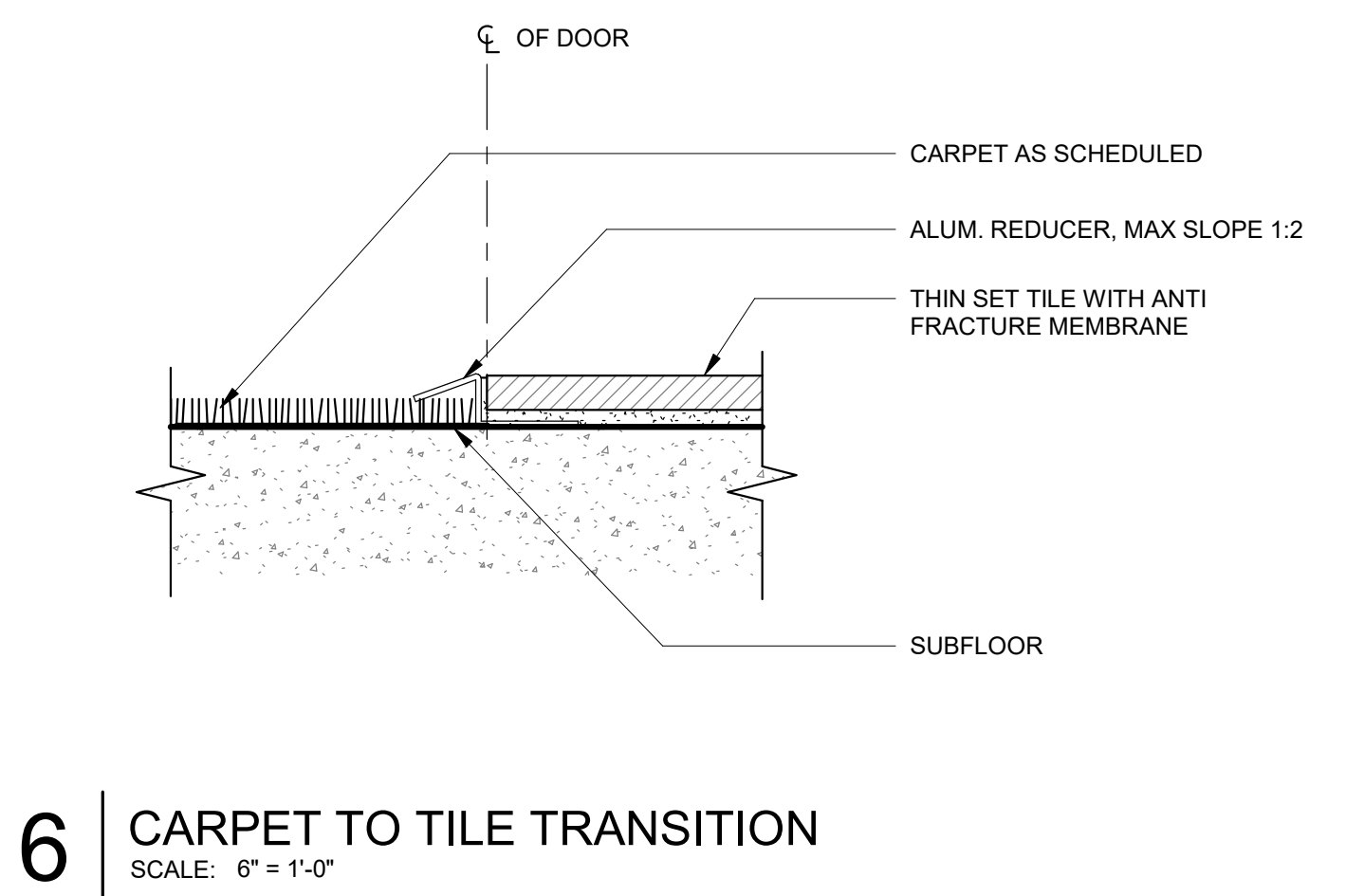
**9 CEILING ACCESS PANEL**  
SCALE: 1 1/2" = 1'-0"



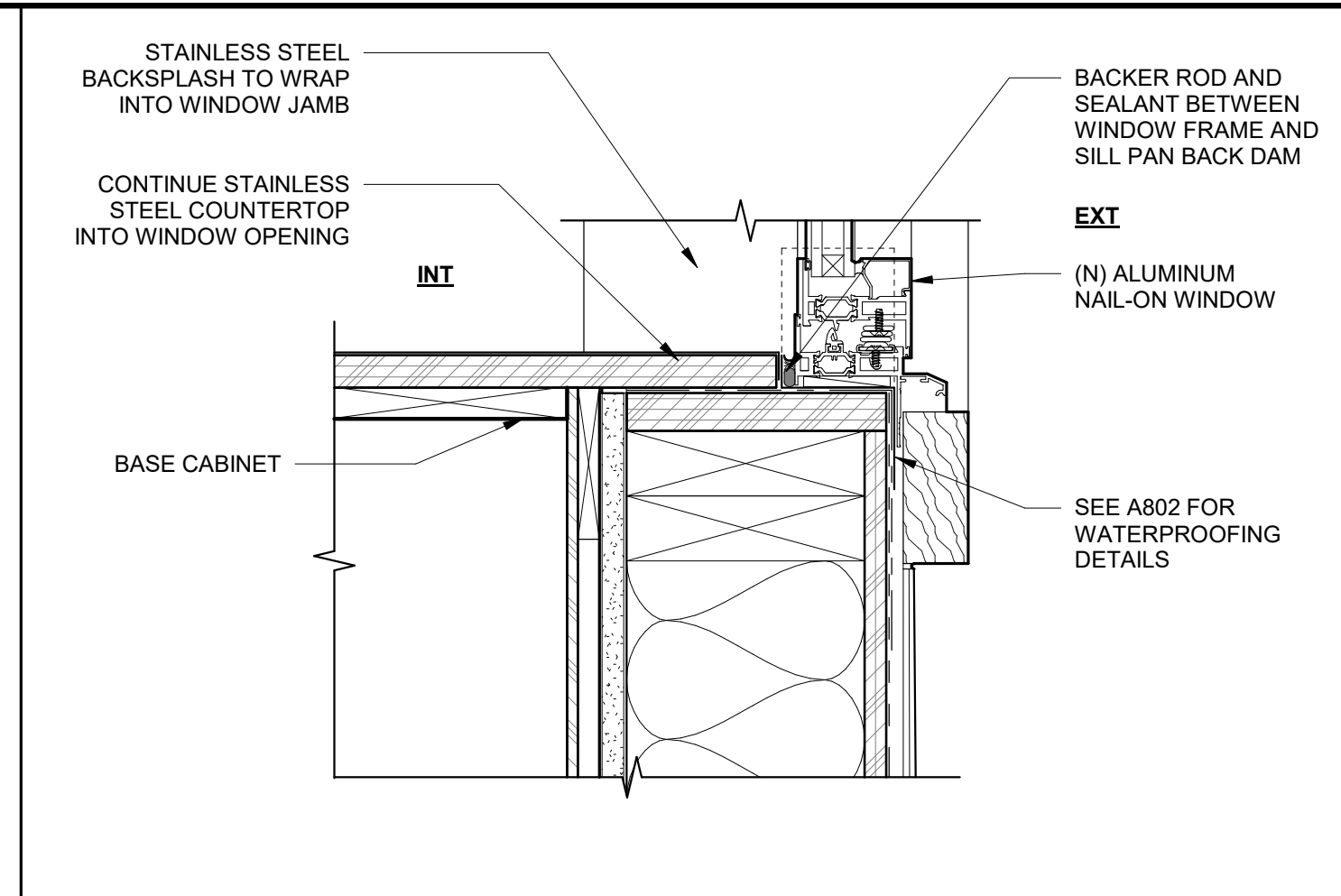
**7 VINYL TO RUBBER EXERCISE MAT TRANSITION**  
SCALE: 6" = 1'-0"



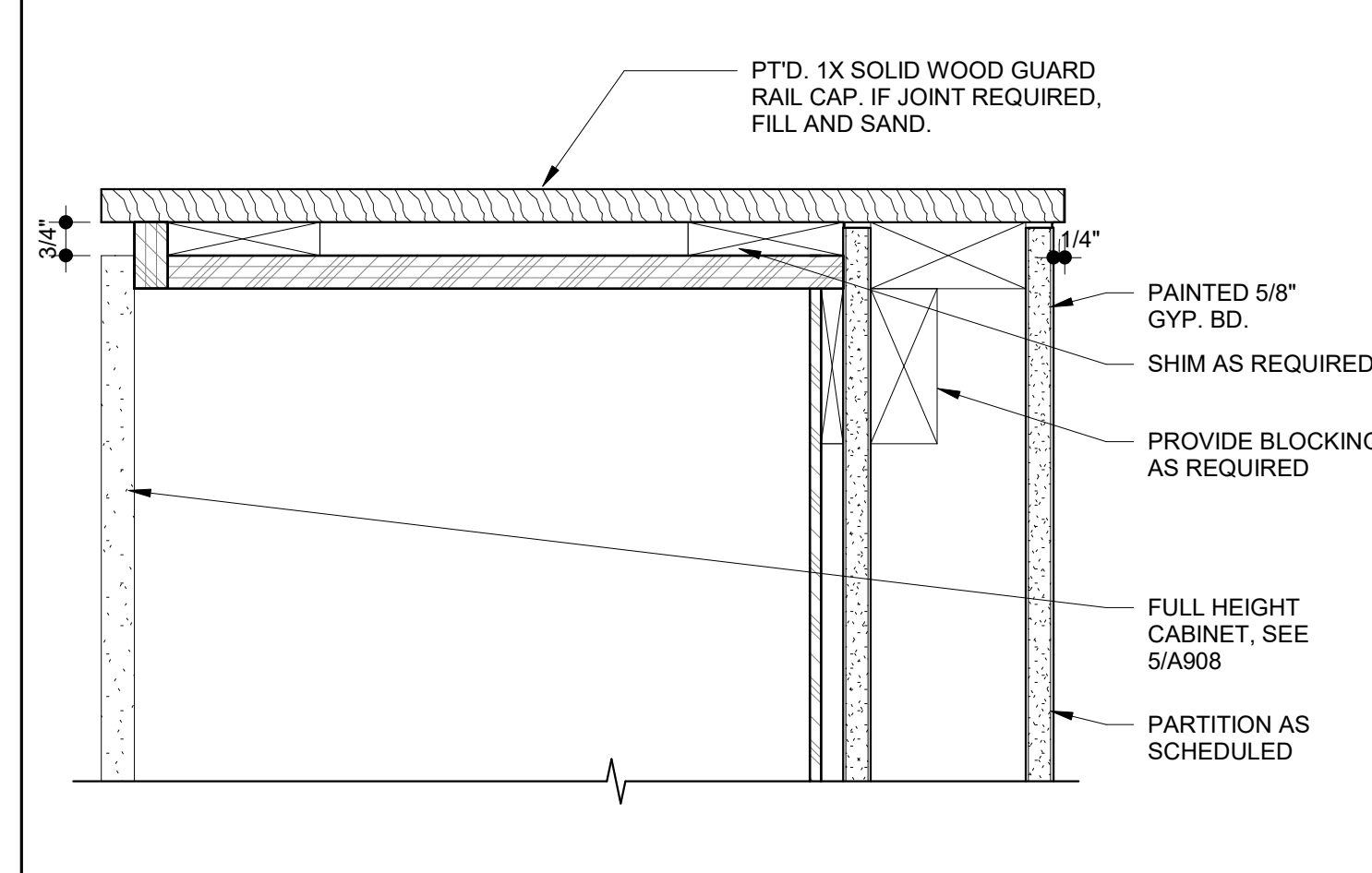
**6 CARPET TO TILE TRANSITION**  
SCALE: 6" = 1'-0"



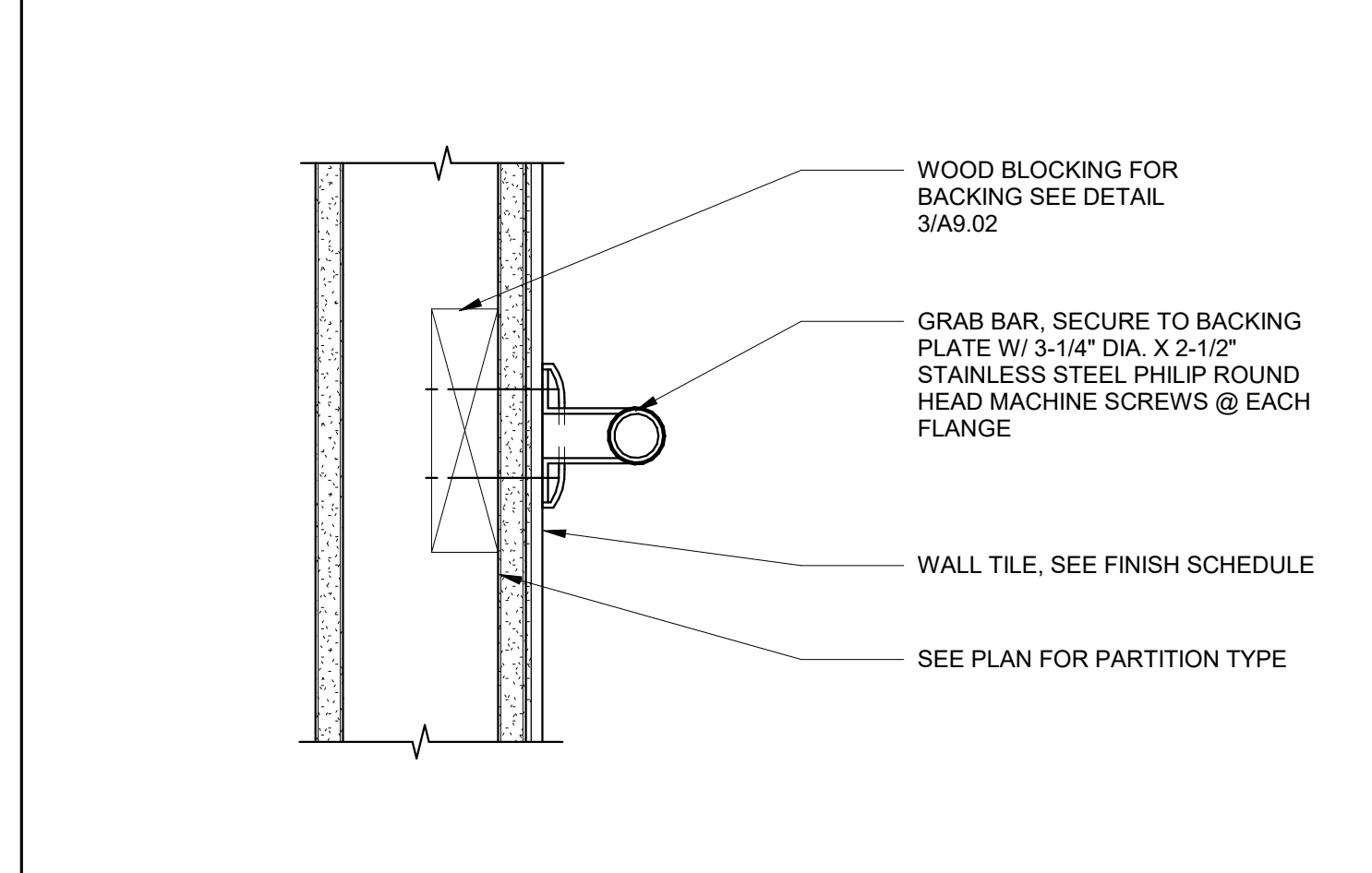
**5 CARPET TO CONCRETE TRANSITION**  
SCALE: 6" = 1'-0"



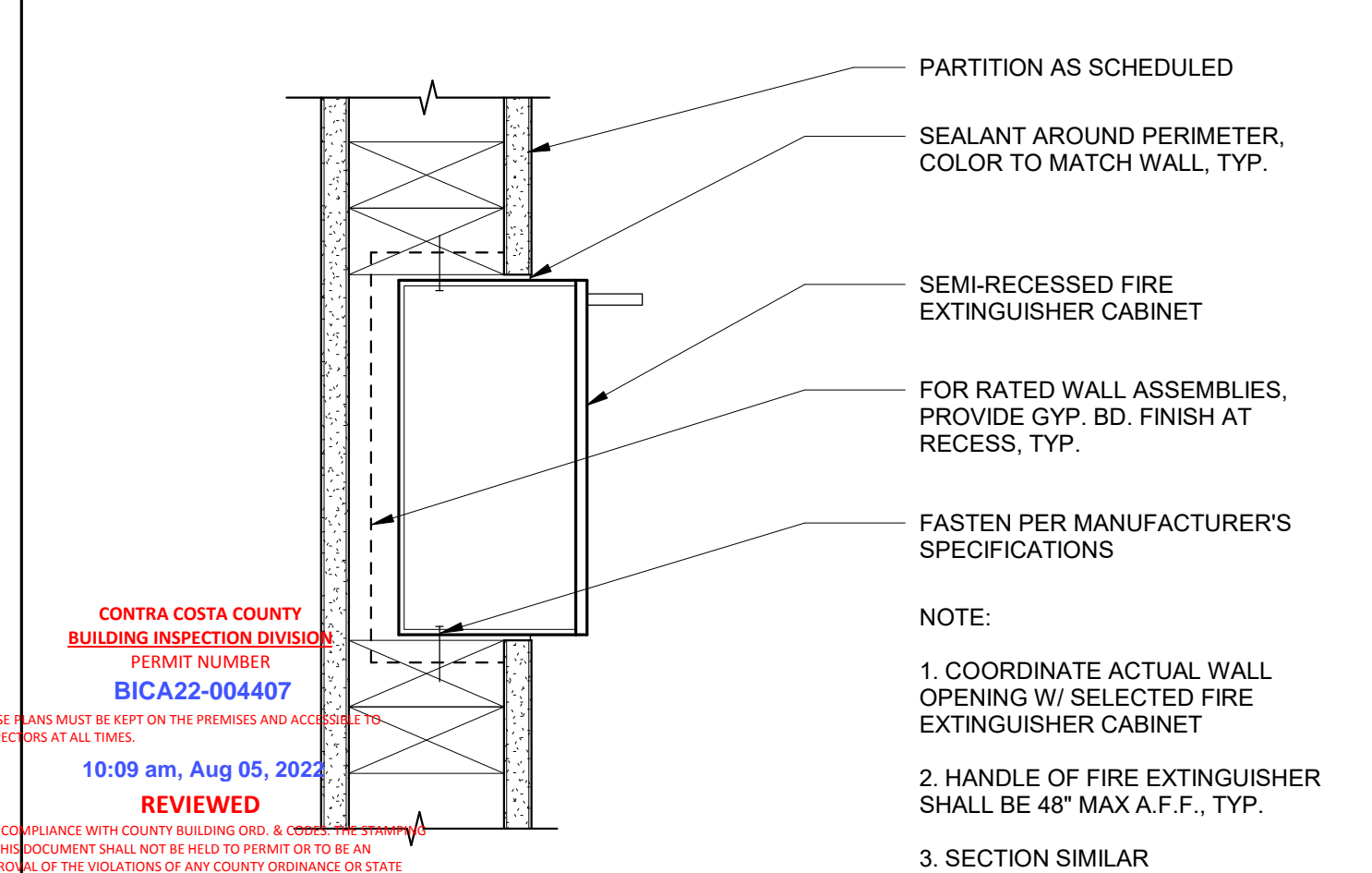
**4 KITCHEN COUNTER @ EXT WINDOW SILL DETAIL**  
SCALE: 3" = 1'-0"



**3 WALL CAP AT PANTRY CABINET DETAIL**  
SCALE: 3" = 1'-0"



**2 GRAB BAR DETAIL**  
SCALE: 3" = 1'-0"



**1 FIRE EXTINGUISHER CABINET**  
SCALE: 3" = 1'-0"

**MARJANG ARCHITECTURE**



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JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
INTERIOR DETAILS

**A906**

STAMP



PROJECT ADDRESS

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SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

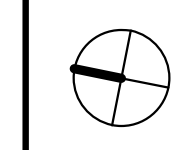
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

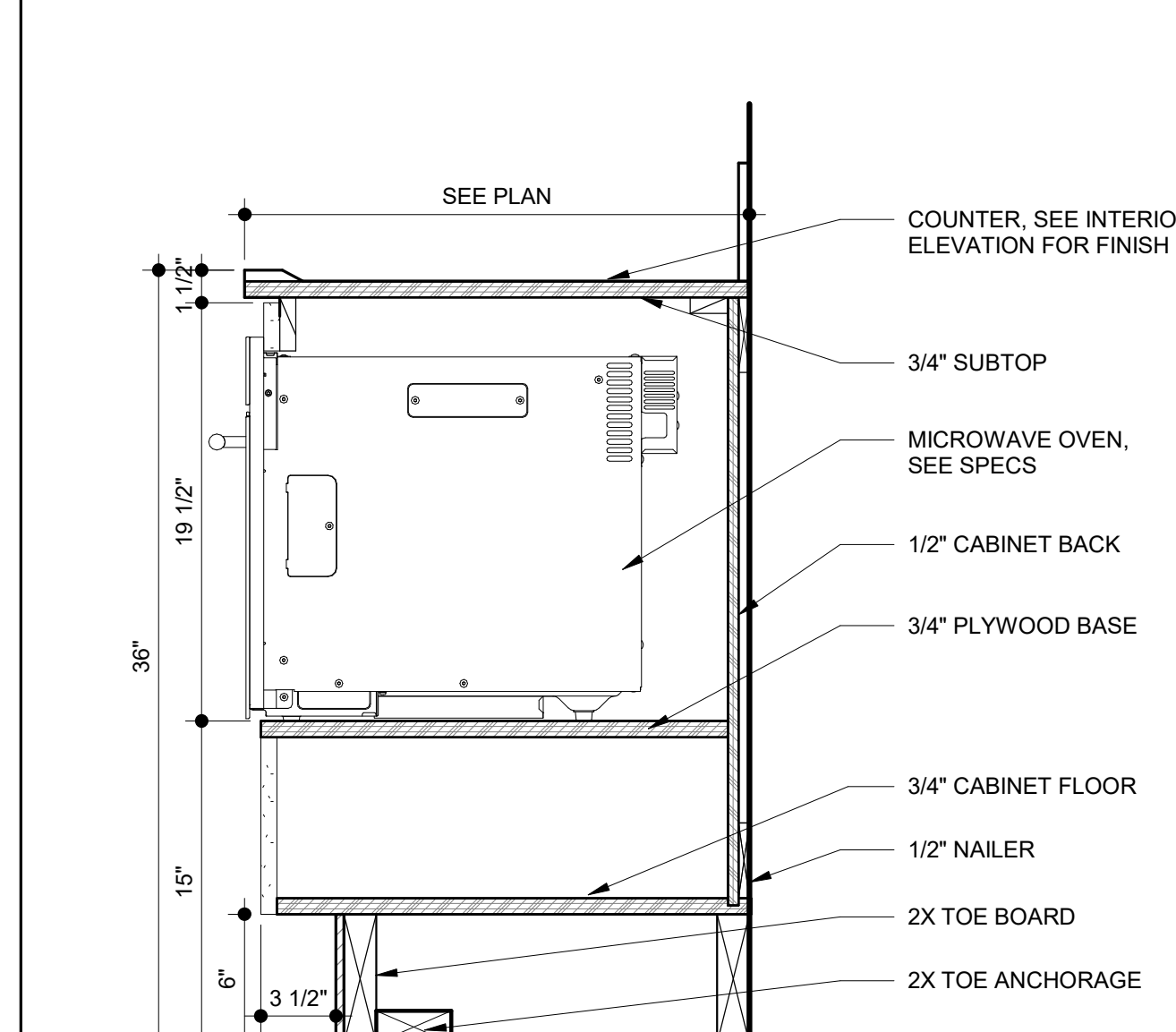
NO.	DESCRIPTION	DATE
7	ISSUED FOR BUILDING PERMIT	04/01/2022
8	BLDG PERMIT PLAN CHECK RESPONSE	07/22/2022

JOB NO. 2106 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

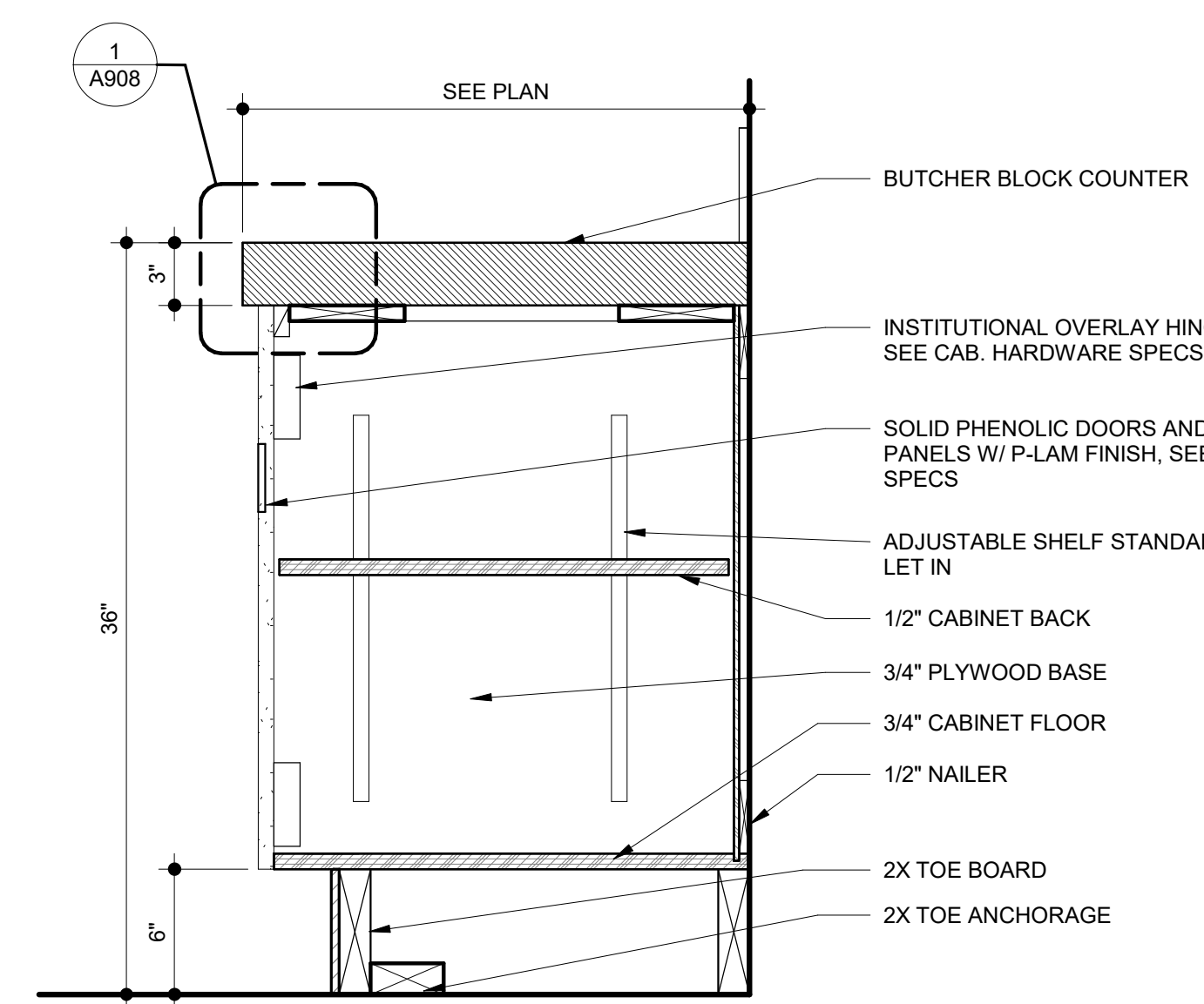
DESCRIPTION INTERIOR DETAILS



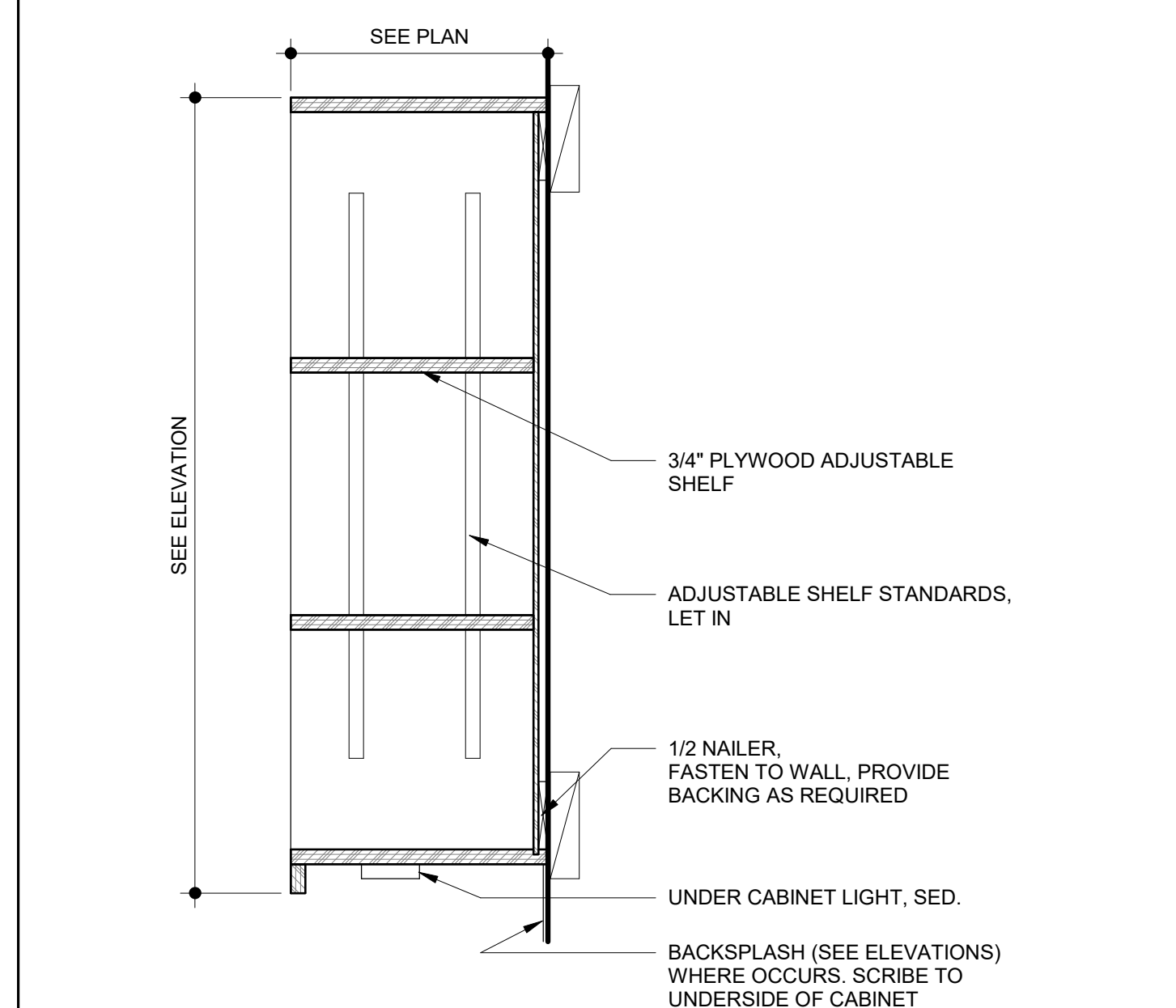
## A907



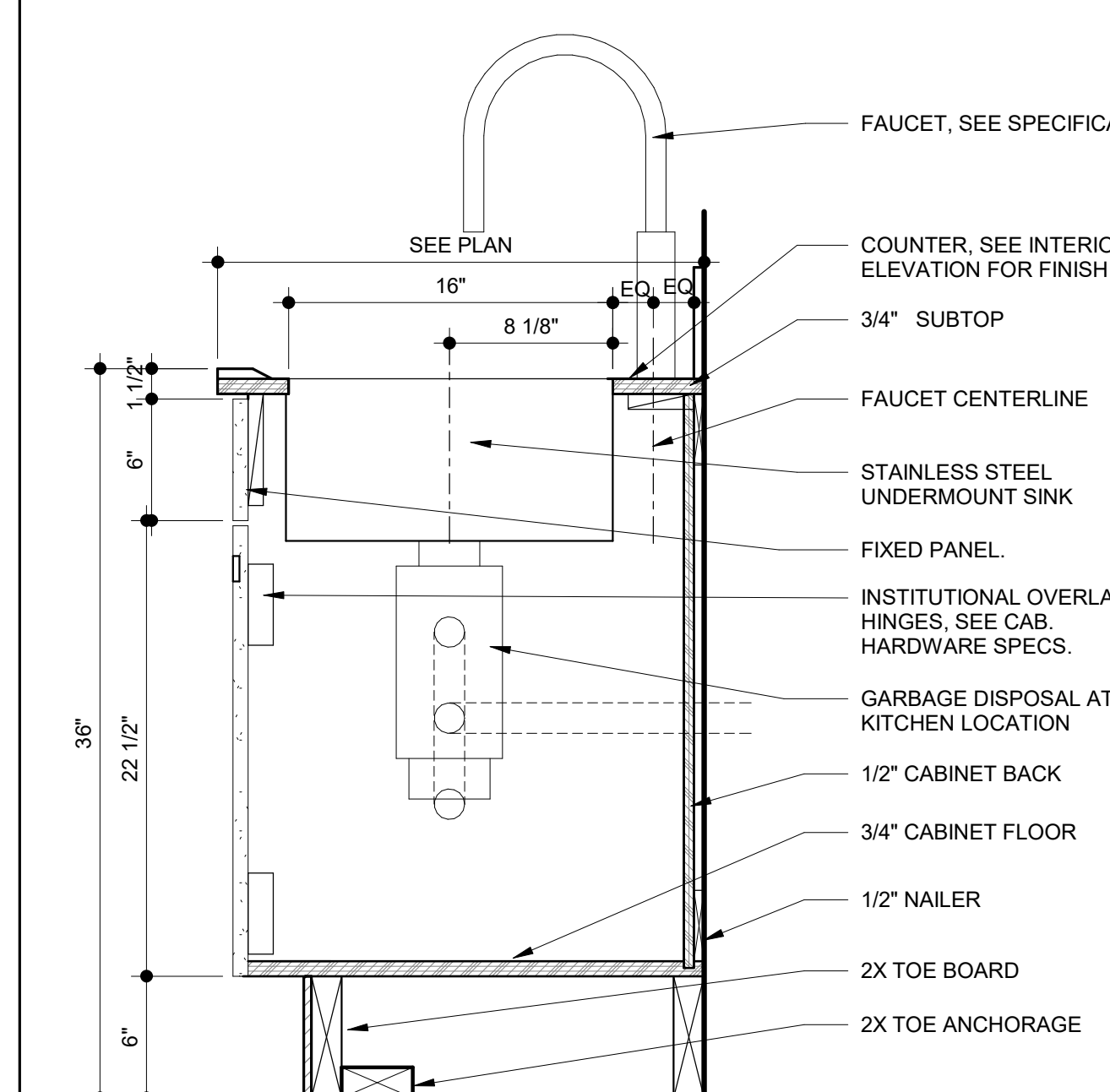
**3** MICROWAVE BASE CABINET  
SCALE: 1 1/2" = 1'-0"



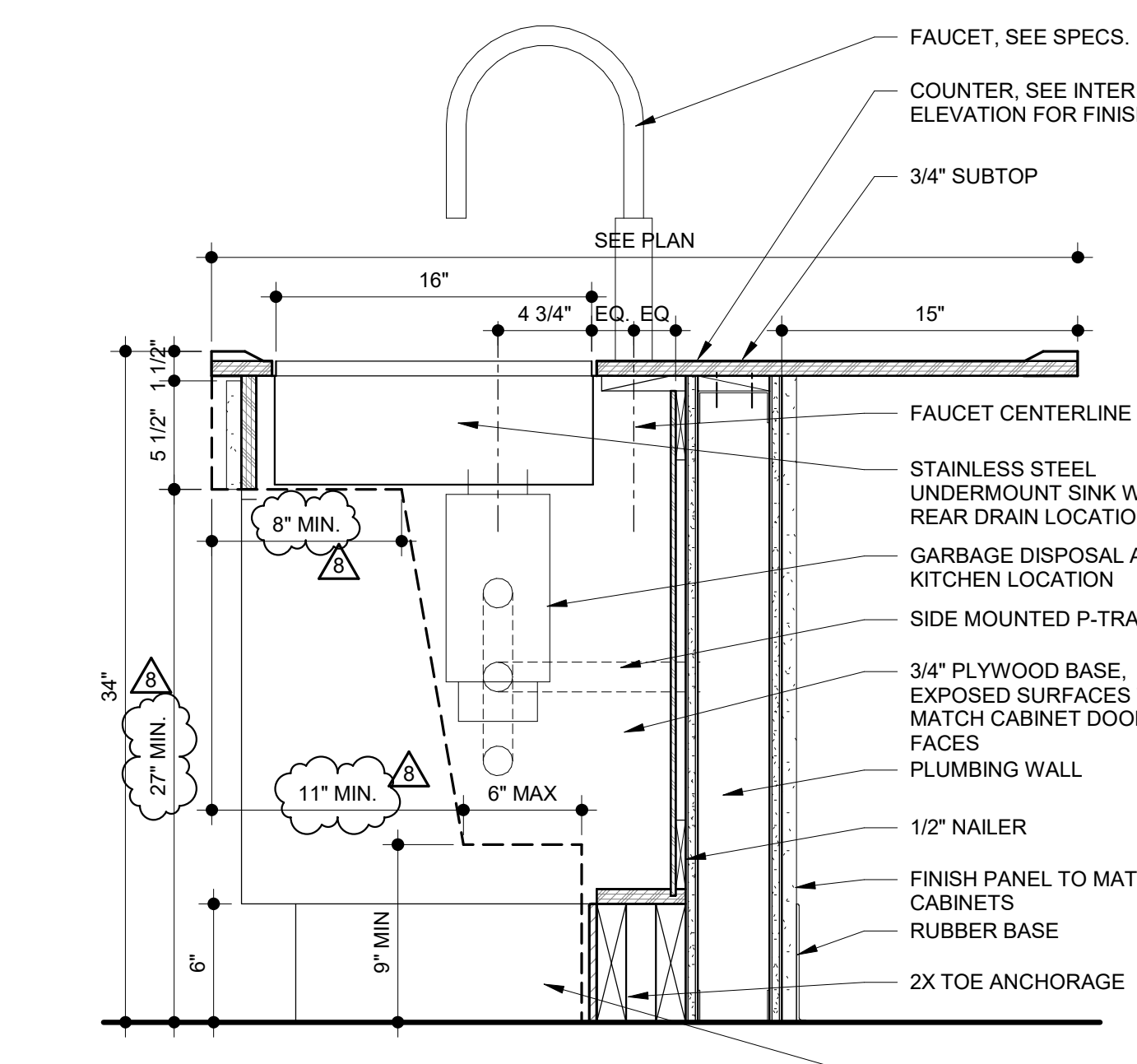
**6** BASE CABINET WORKSHOP  
SCALE: 1 1/2" = 1'-0"



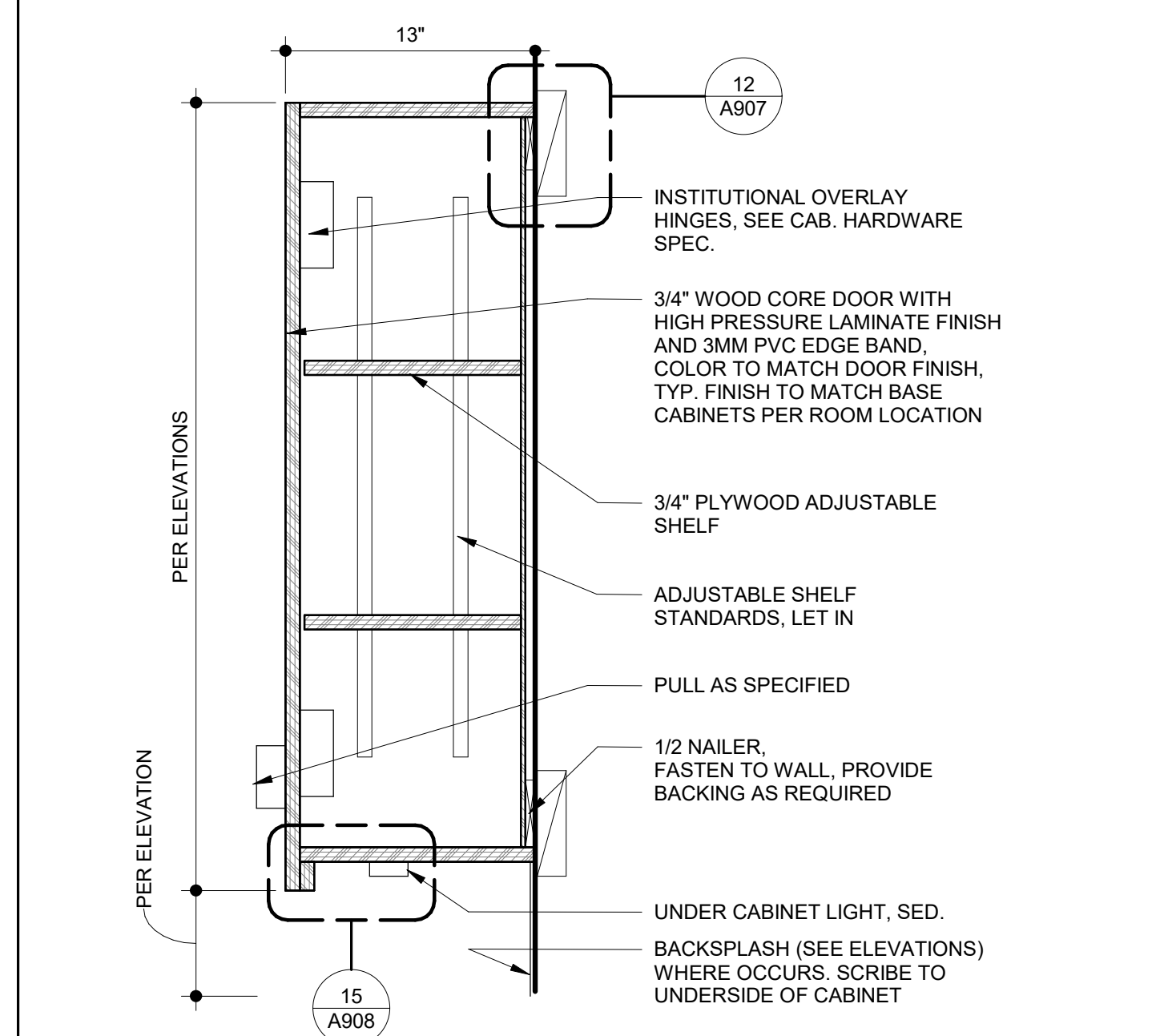
**9** UPPER CABINET - OPEN SHELVING  
SCALE: 1 1/2" = 1'-0"



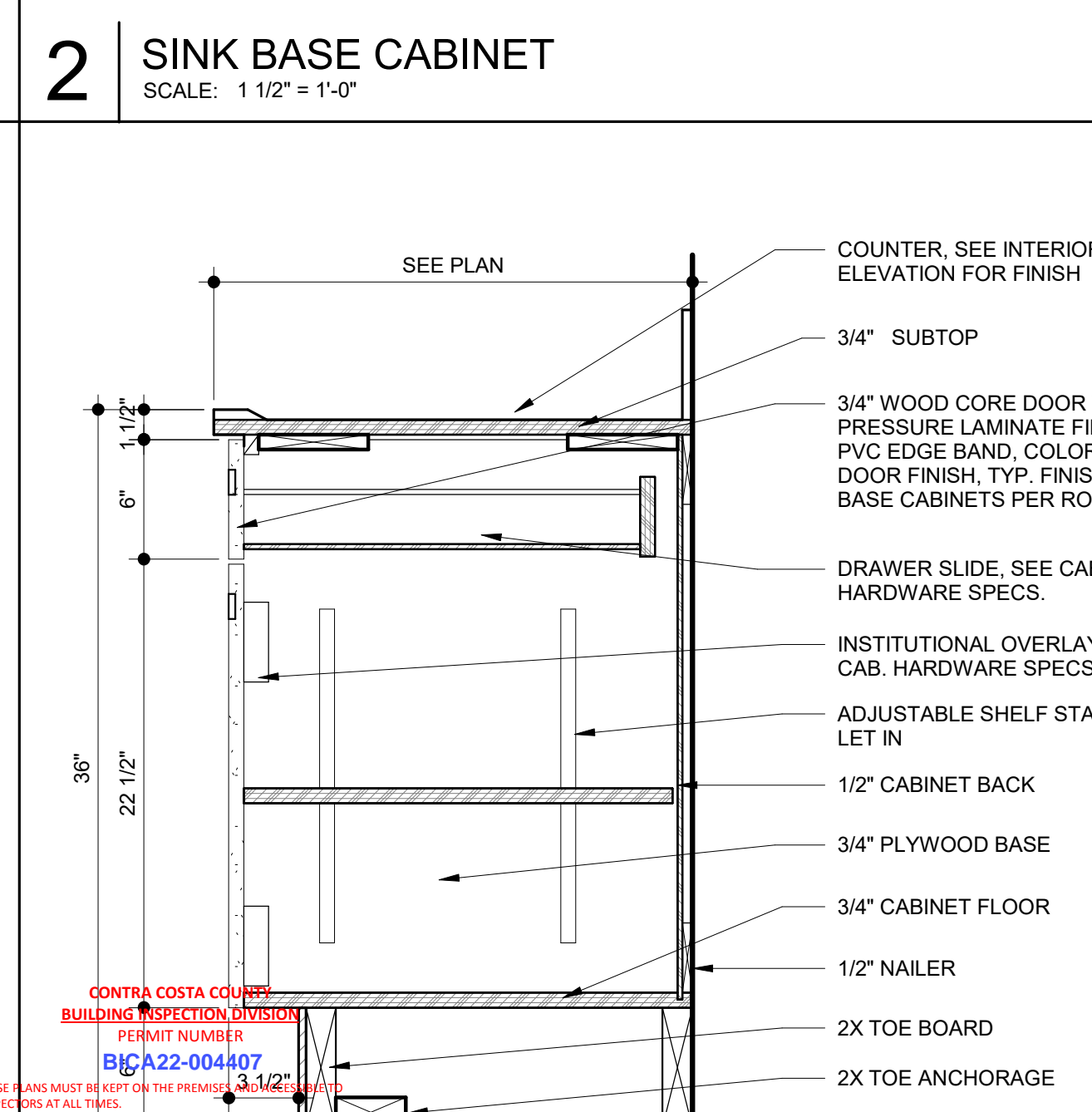
**2** SINK BASE CABINET  
SCALE: 1 1/2" = 1'-0"



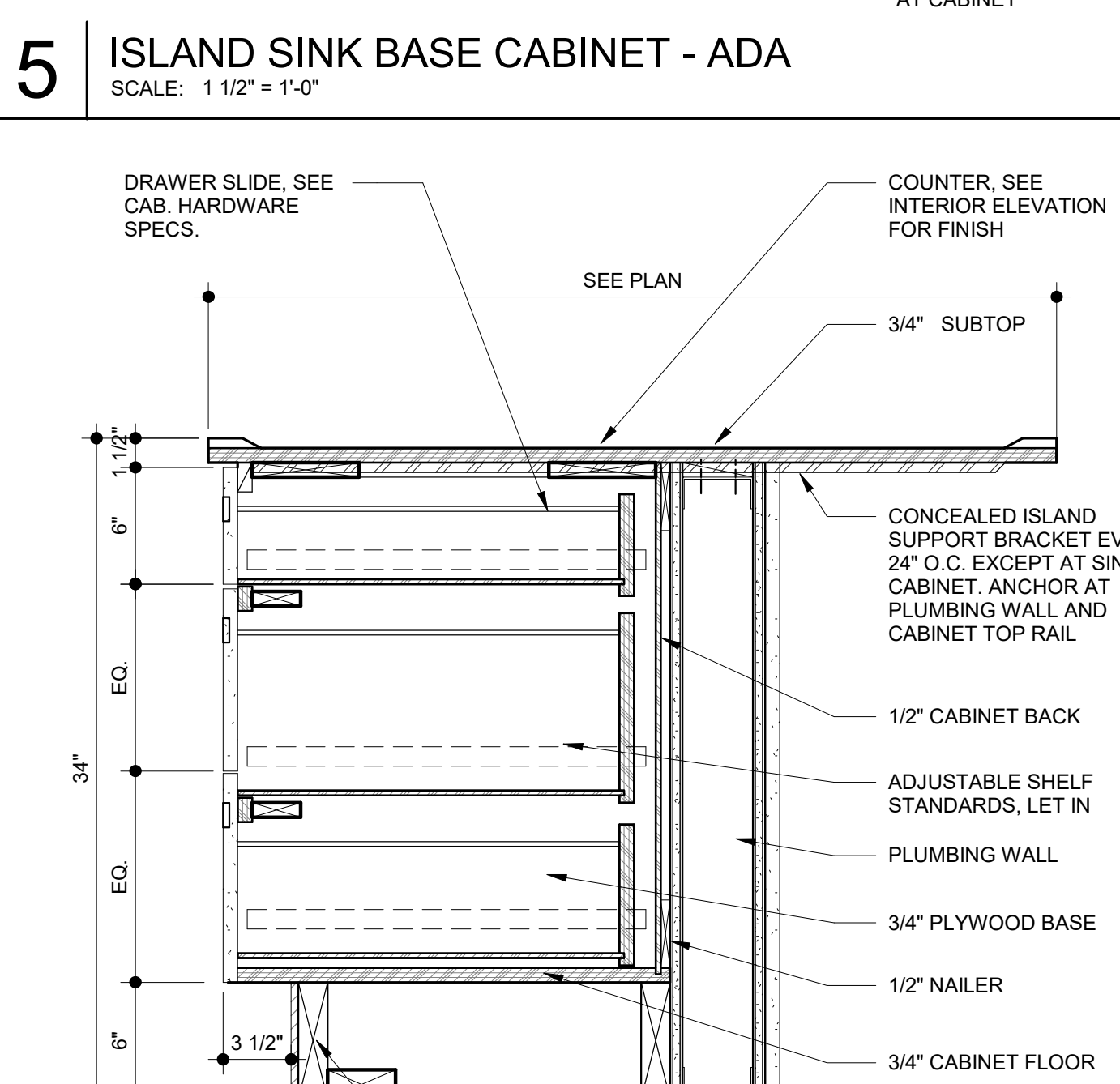
**5** ISLAND SINK BASE CABINET - ADA  
SCALE: 1 1/2" = 1'-0"



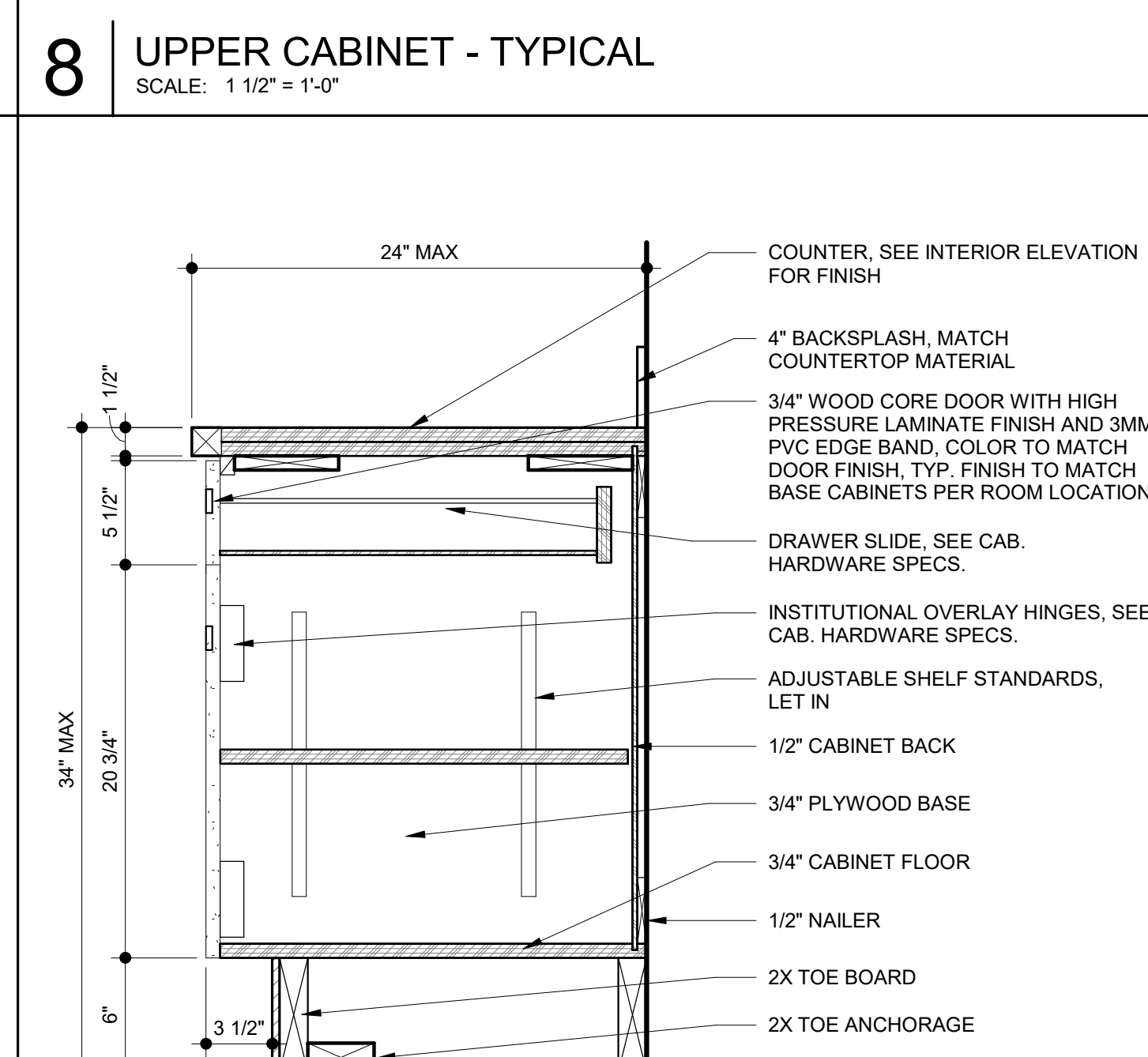
**8** UPPER CABINET - TYPICAL  
SCALE: 1 1/2" = 1'-0"



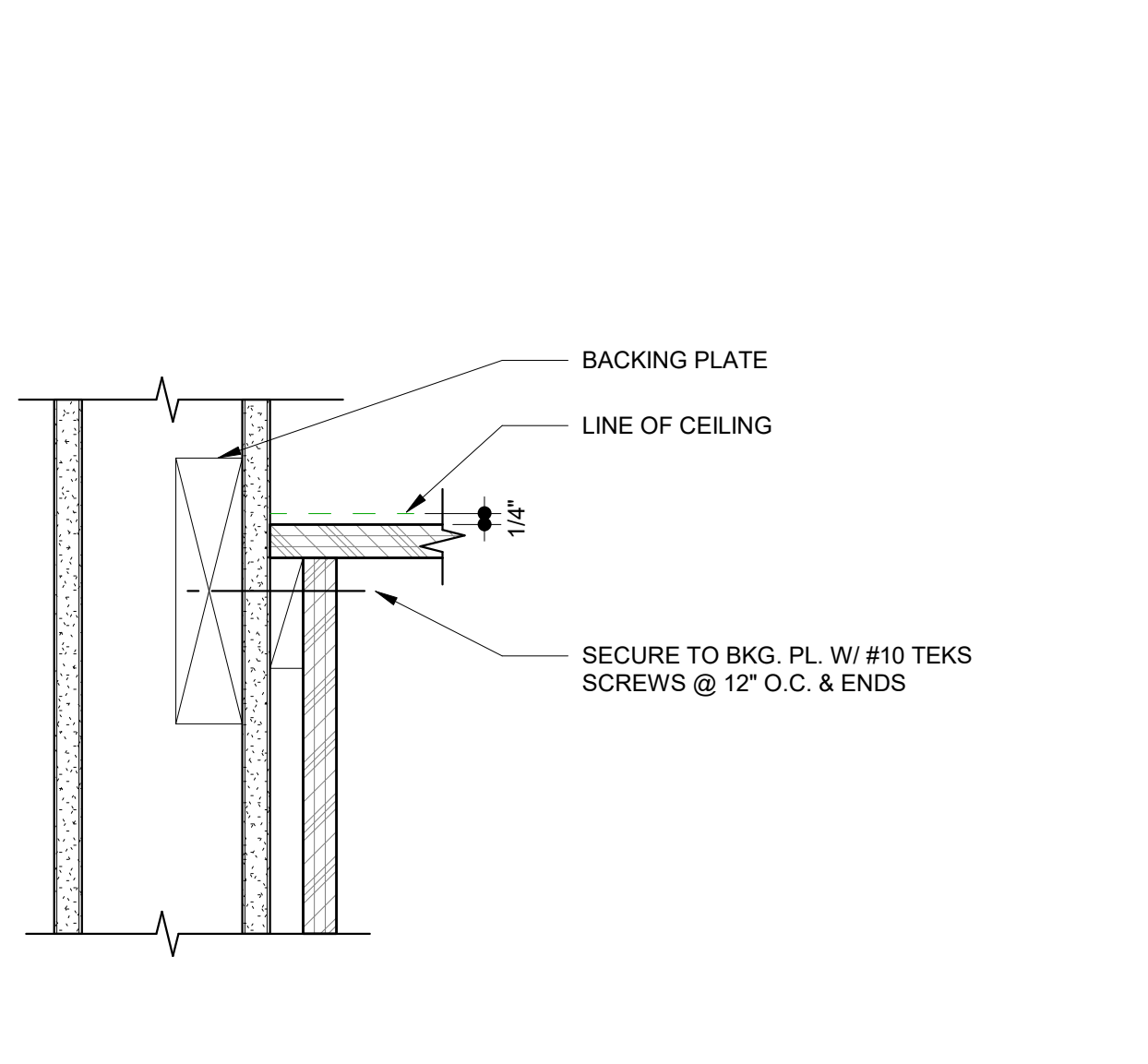
**1** BASE CABINET  
SCALE: 1 1/2" = 1'-0"



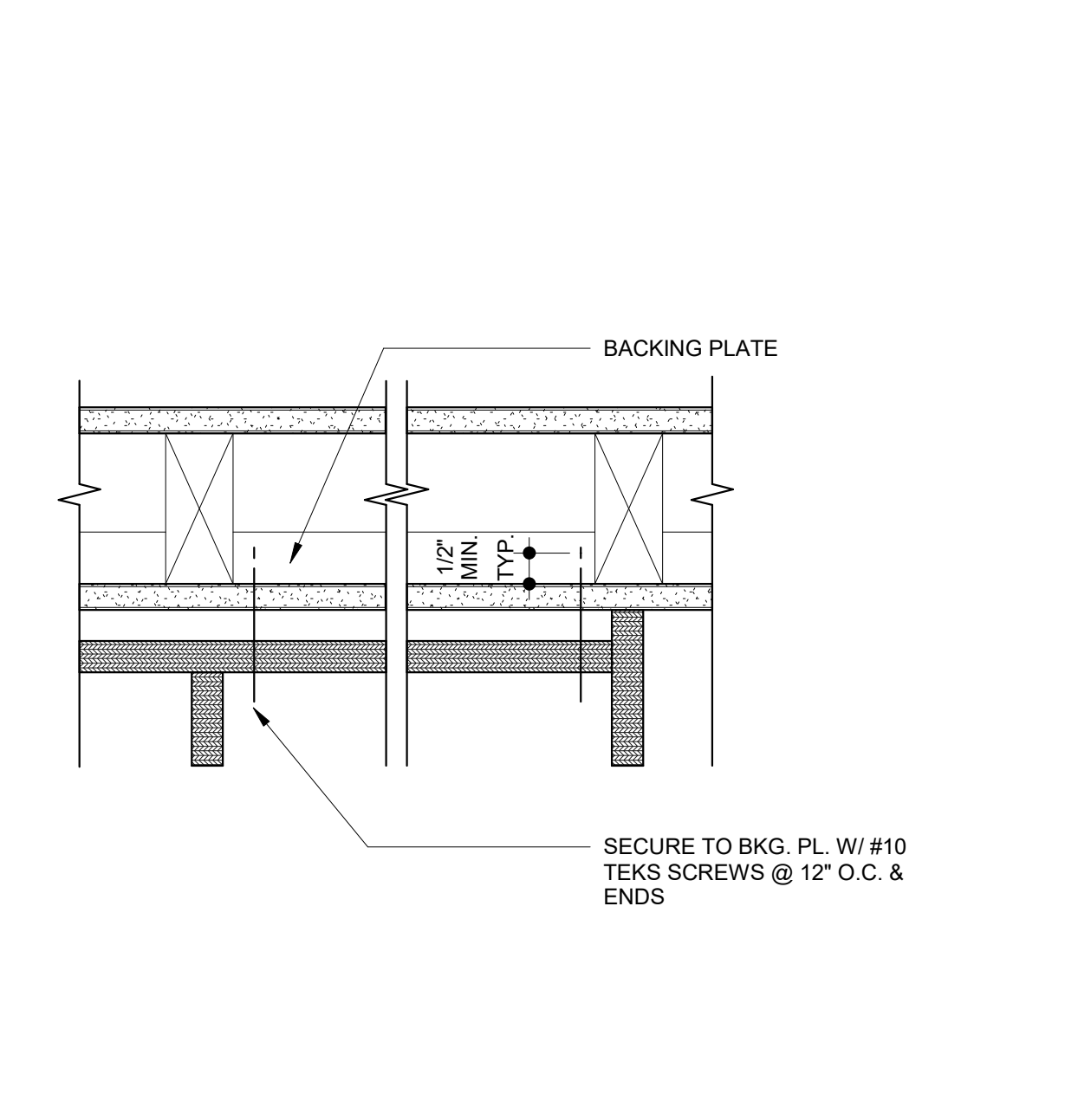
**4** ISLAND BASE CABINET - ADA DRAWERS  
SCALE: 1 1/2" = 1'-0"



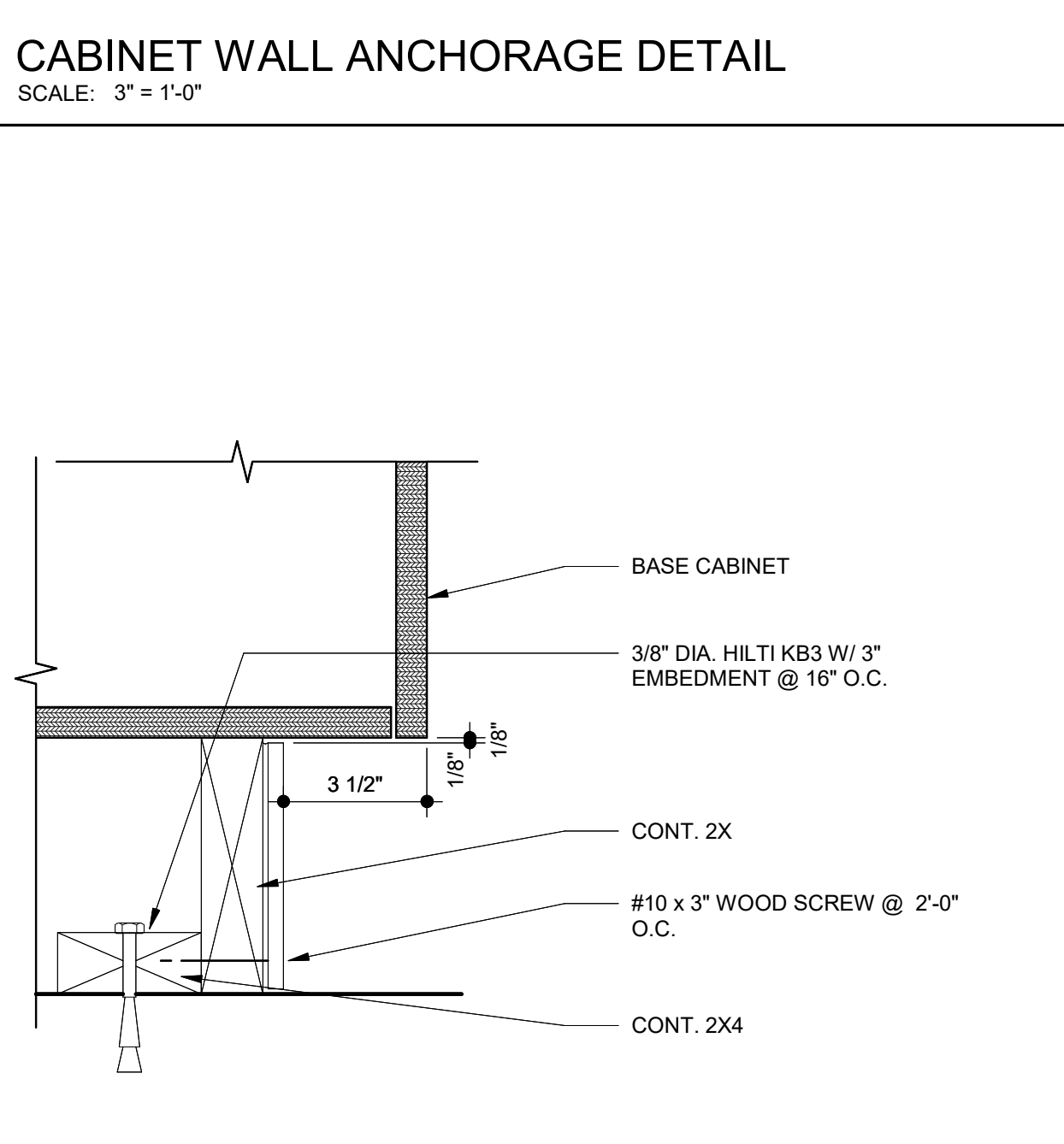
**7** ADA BASE CABINET  
SCALE: 1 1/2" = 1'-0"



**12** CABINET TOP ANCHORAGE DETAIL  
SCALE: 3" = 1'-0"

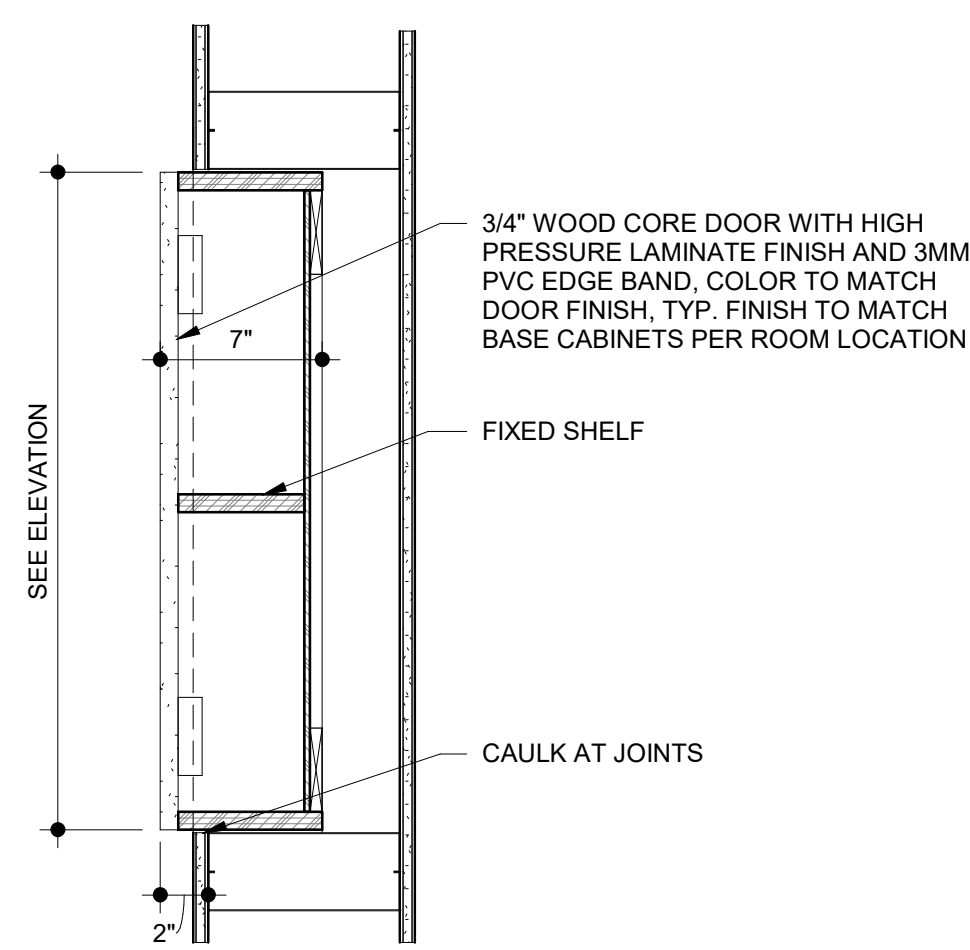


**11** CABINET WALL ANCHORAGE DETAIL  
SCALE: 3" = 1'-0"

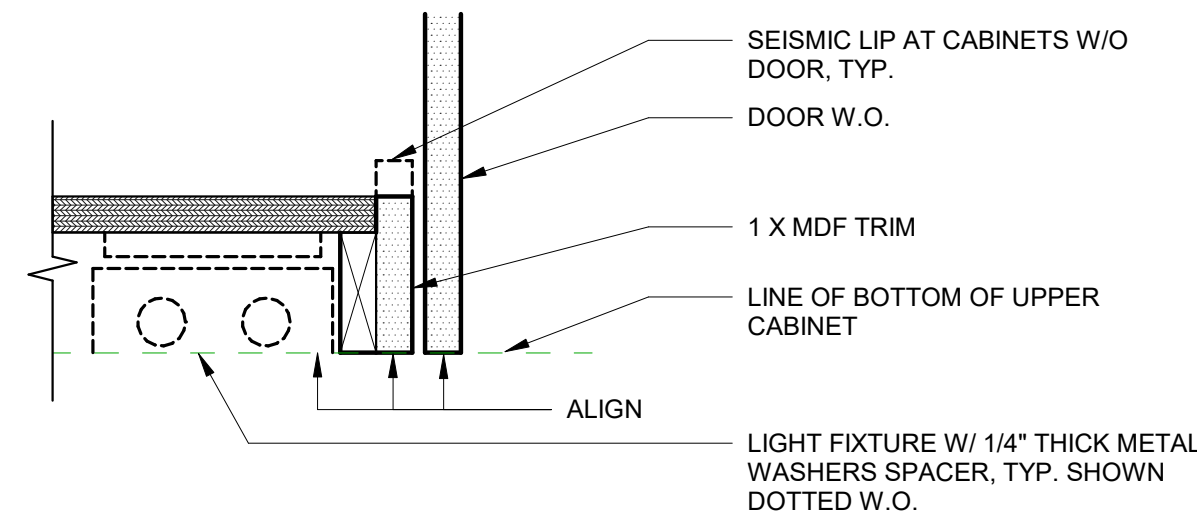


**10** CABINET ANCHORAGE DETAIL  
SCALE: 3" = 1'-0"

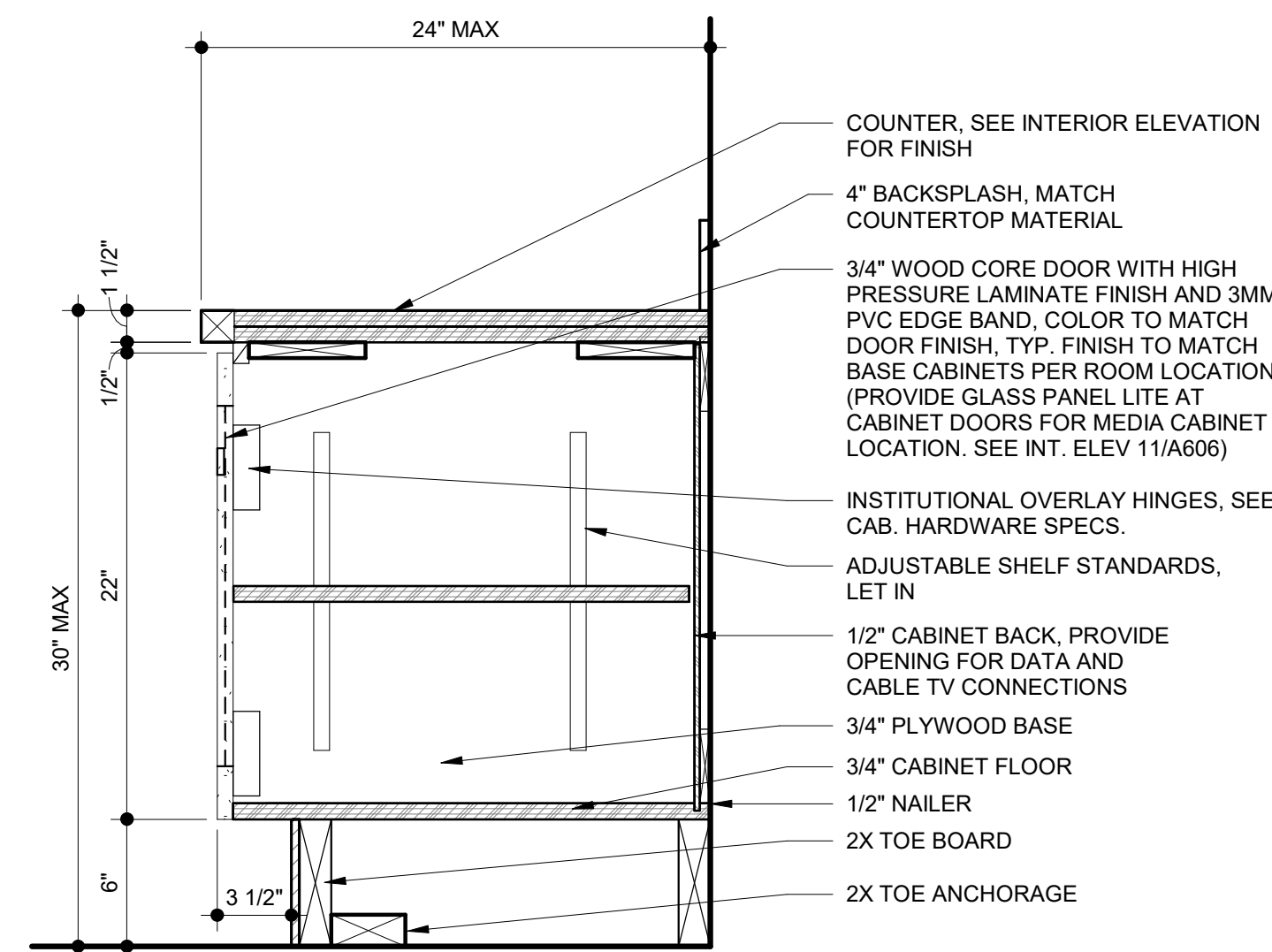
CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER: **Plg A22-004407**  
10/09 AM, Aug 05, 2022  
REVIEWED  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. ANY CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.



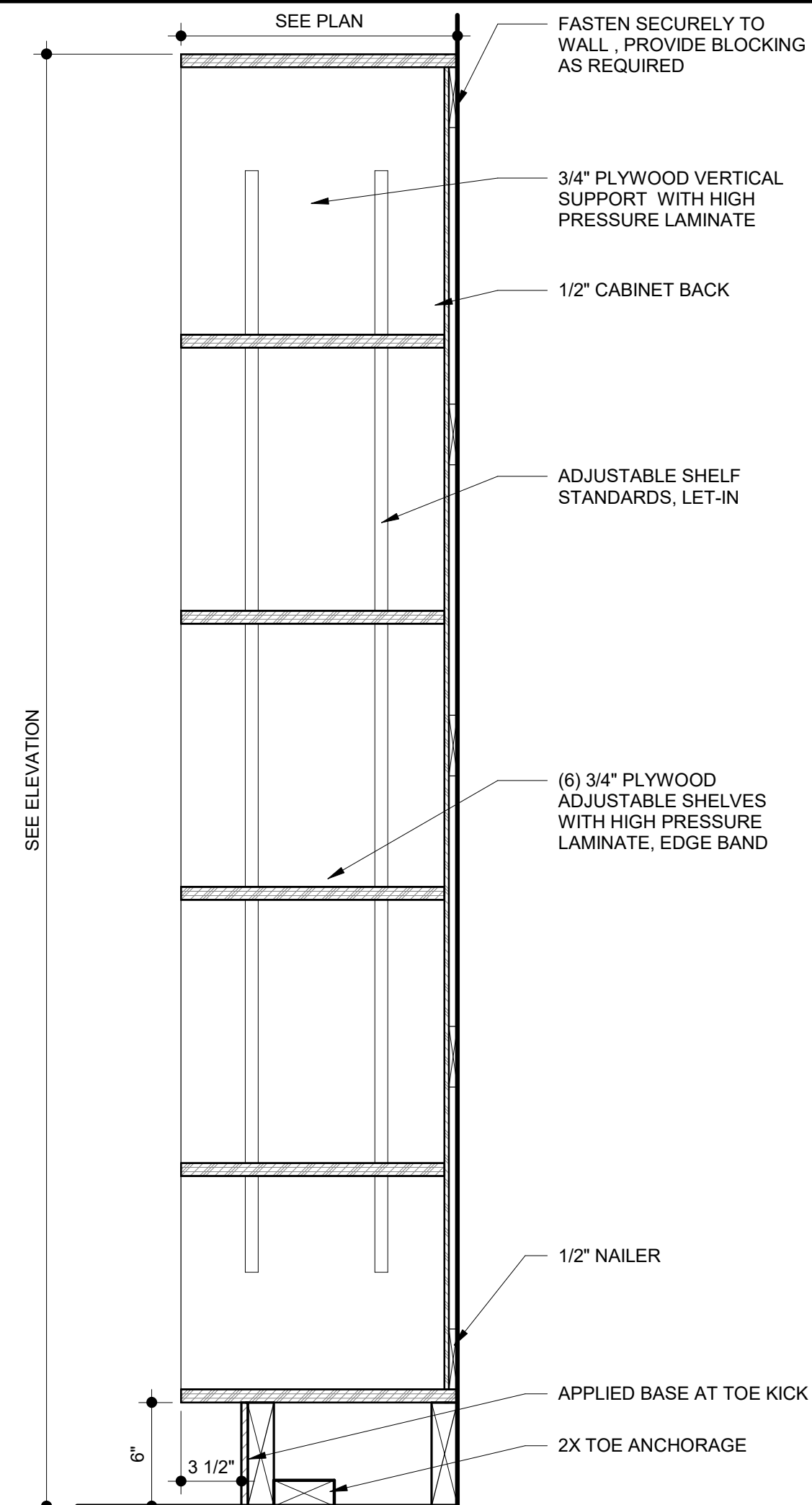
**16 RECESSED BATHROOM CABINET**  
SCALE: 1 1/2" = 1'-0"



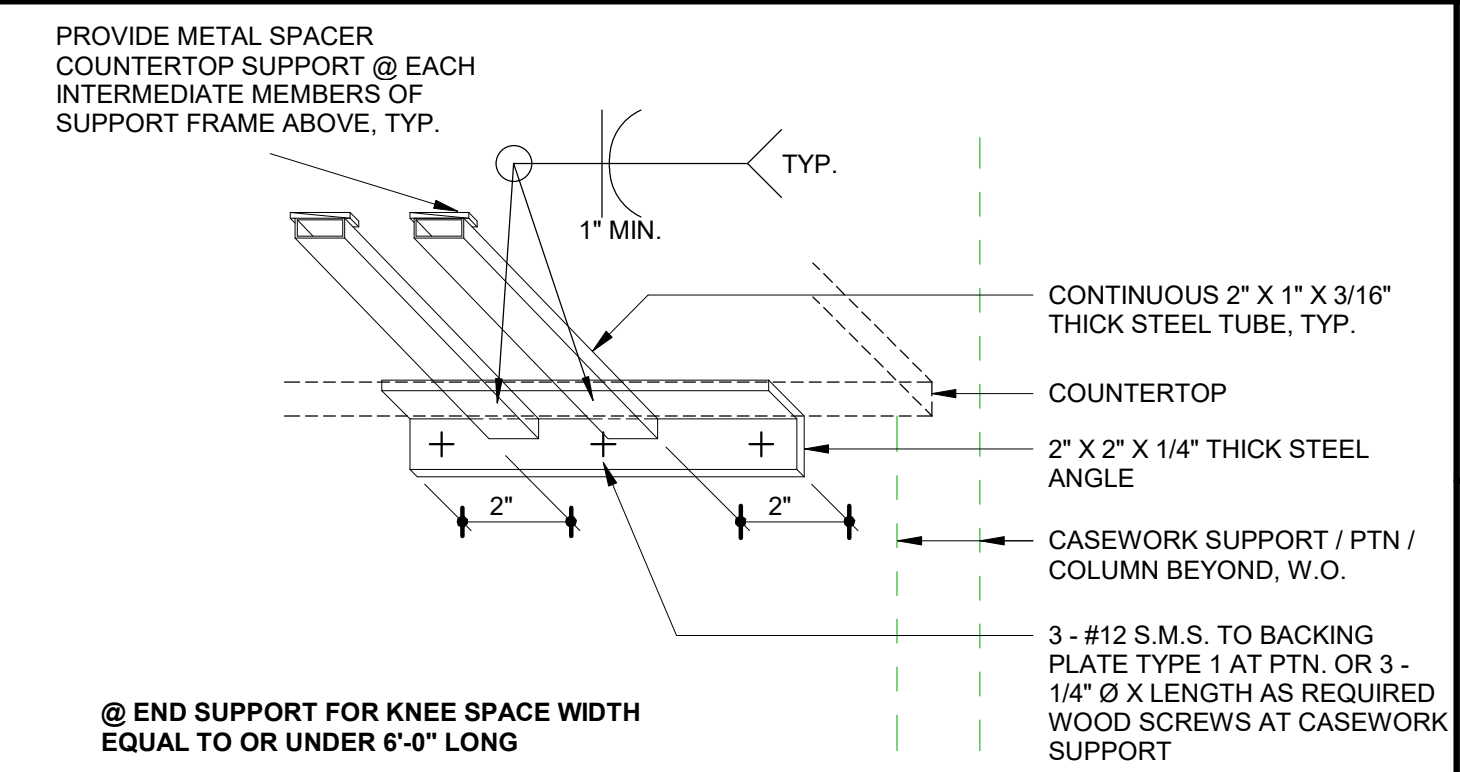
**15 UPPER CABINET LIGHT FIXTURE**  
SCALE: 3" = 1'-0"



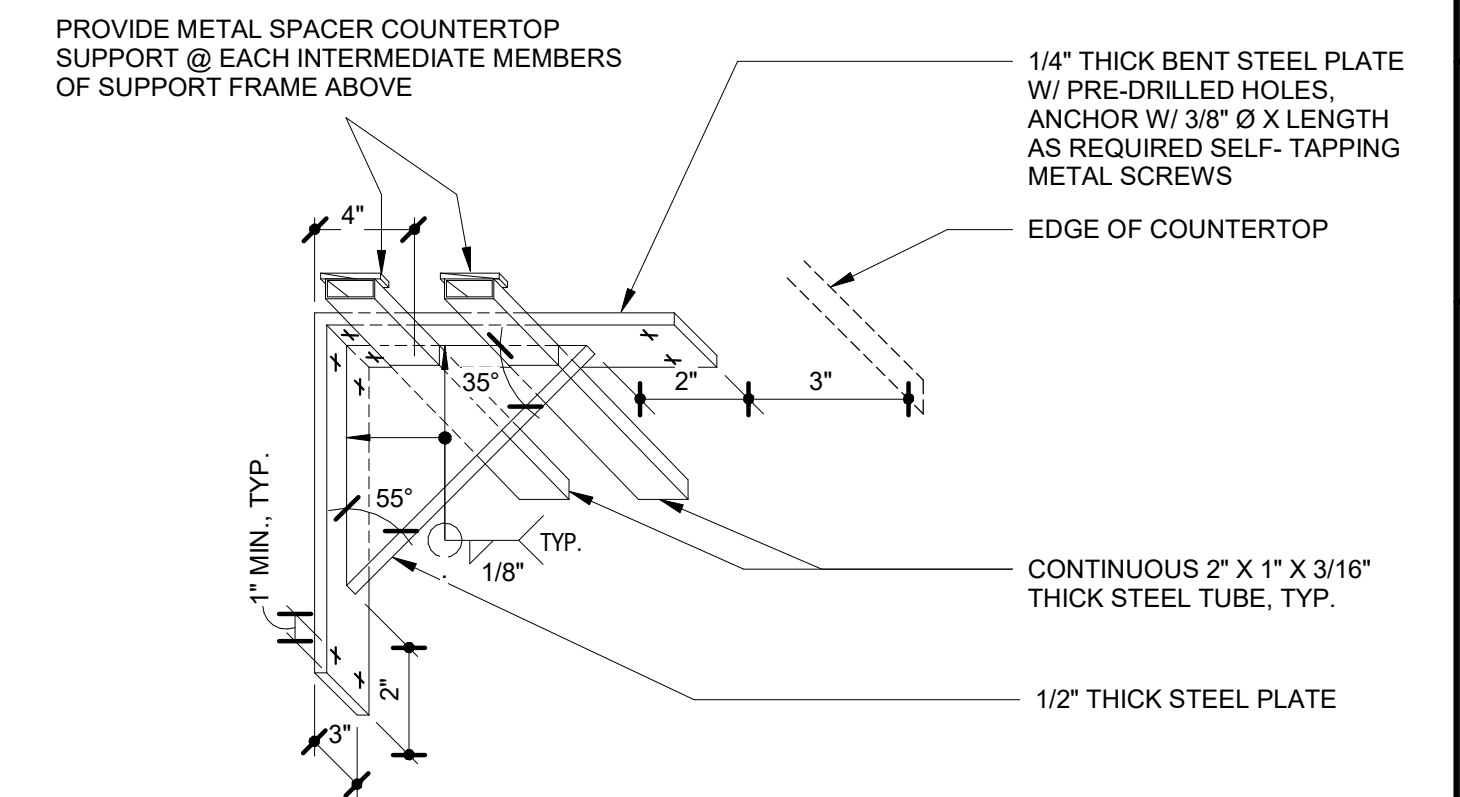
**11 MEDIA BASE CABINET**  
SCALE: 1 1/2" = 1'-0"



**7 FULL HEIGHT CABINET - OPEN SHELVING**  
SCALE: 1 1/2" = 1'-0"



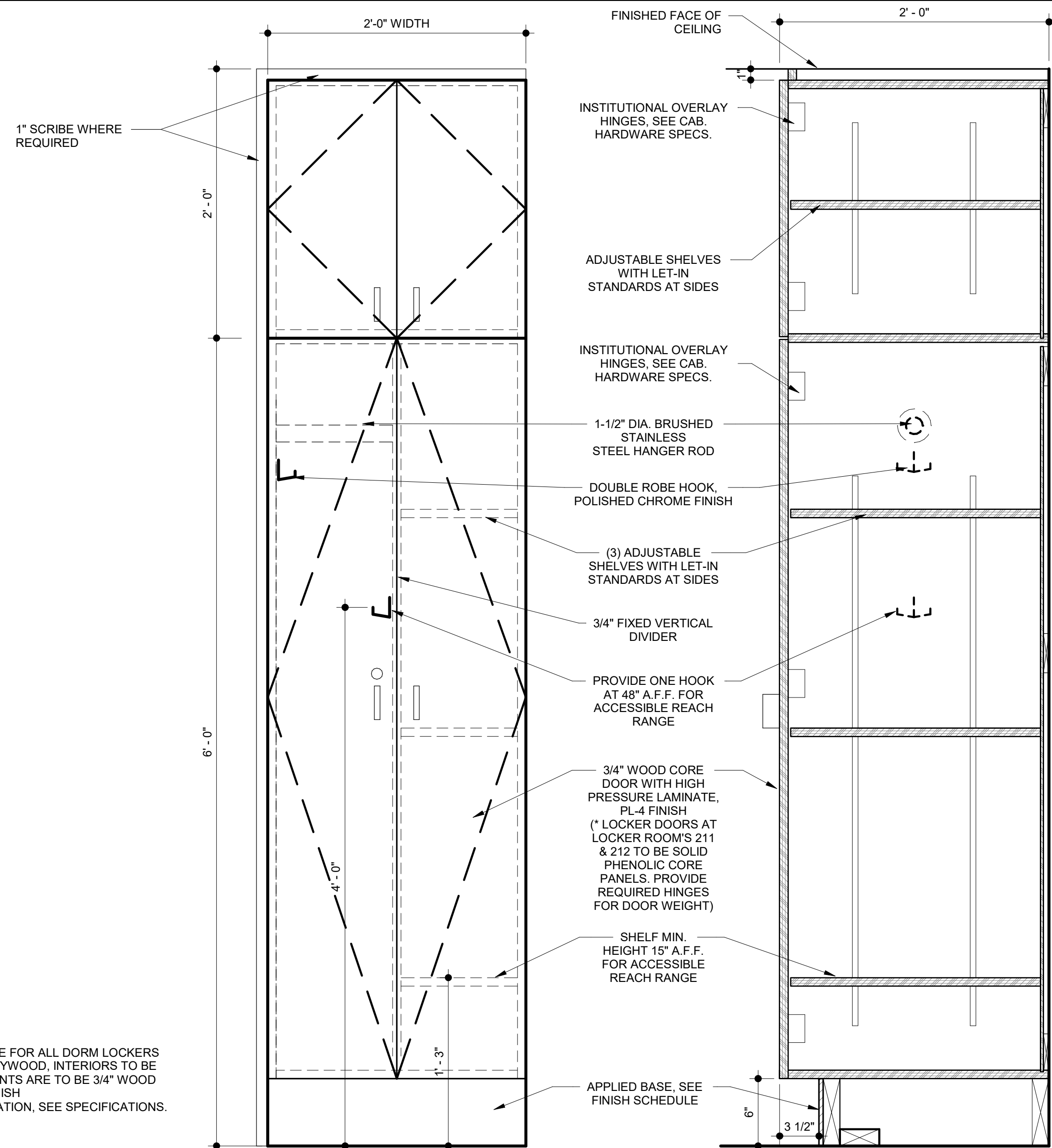
**@ END SUPPORT FOR KNEE SPACE WIDTH EQUAL TO OR UNDER 6'-0" LONG**



**@ INTERMEDIATE SUPPORT FOR KNEE SPACE WIDTH GREATER THAN 6'-0" LONG**

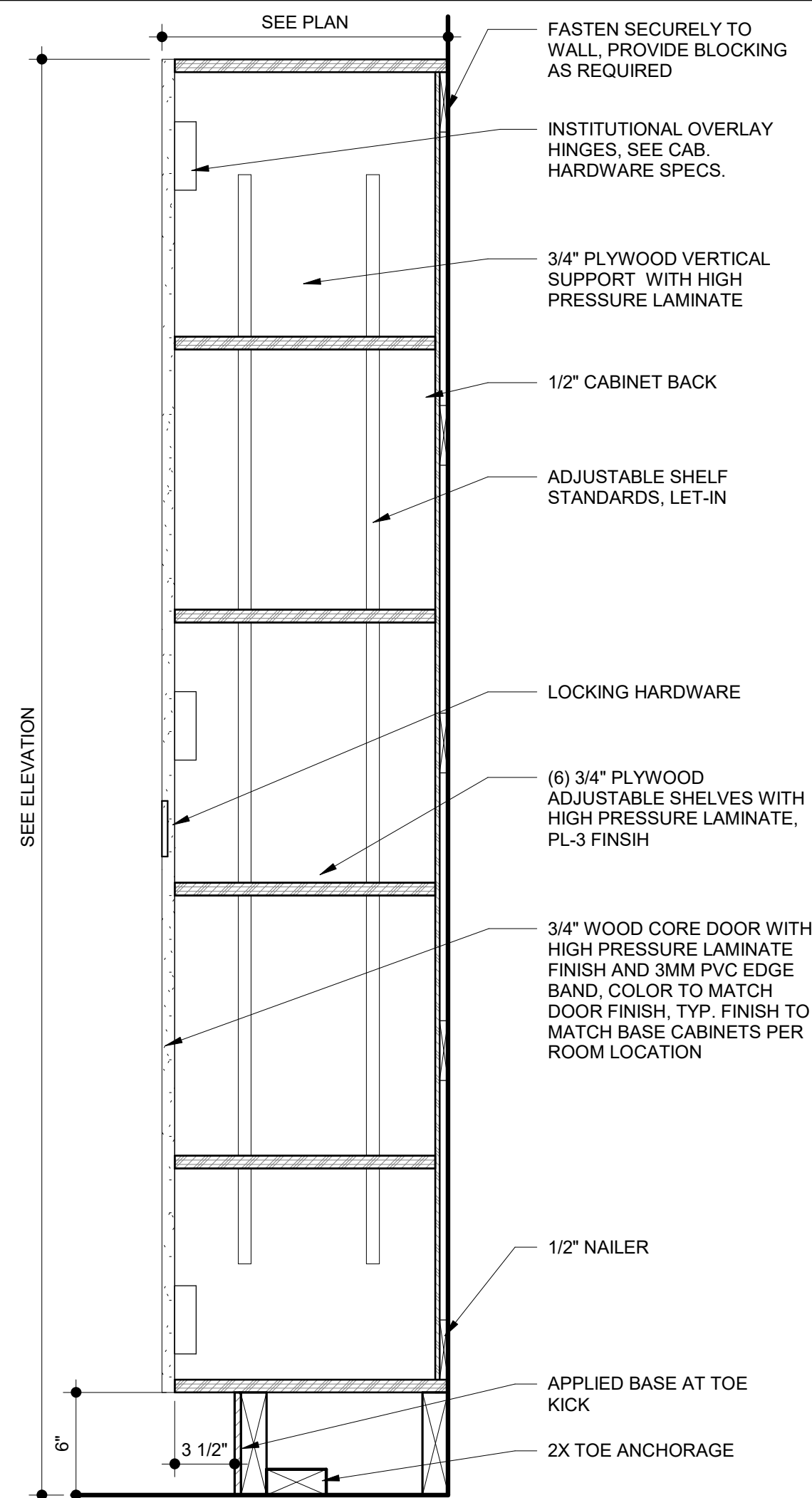
- NOTES:
1. PAINT ALL EXPOSED STEEL SURFACES. COLOR TO MATCH ADJACENT SURFACE COLOR.
  2. EASE ALL EXPOSED EDGES AND CORNERS.
  3. AT EACH COUNTERTOP SUPPORT LOCATION, PROVIDE TWO VERTICAL FULL HEIGHT BACK TO BACK 16 GA. STUDS AT PARTITION.

**3 COUNTERTOP STEEL SUPPORT**  
SCALE: 3" = 1'-0"

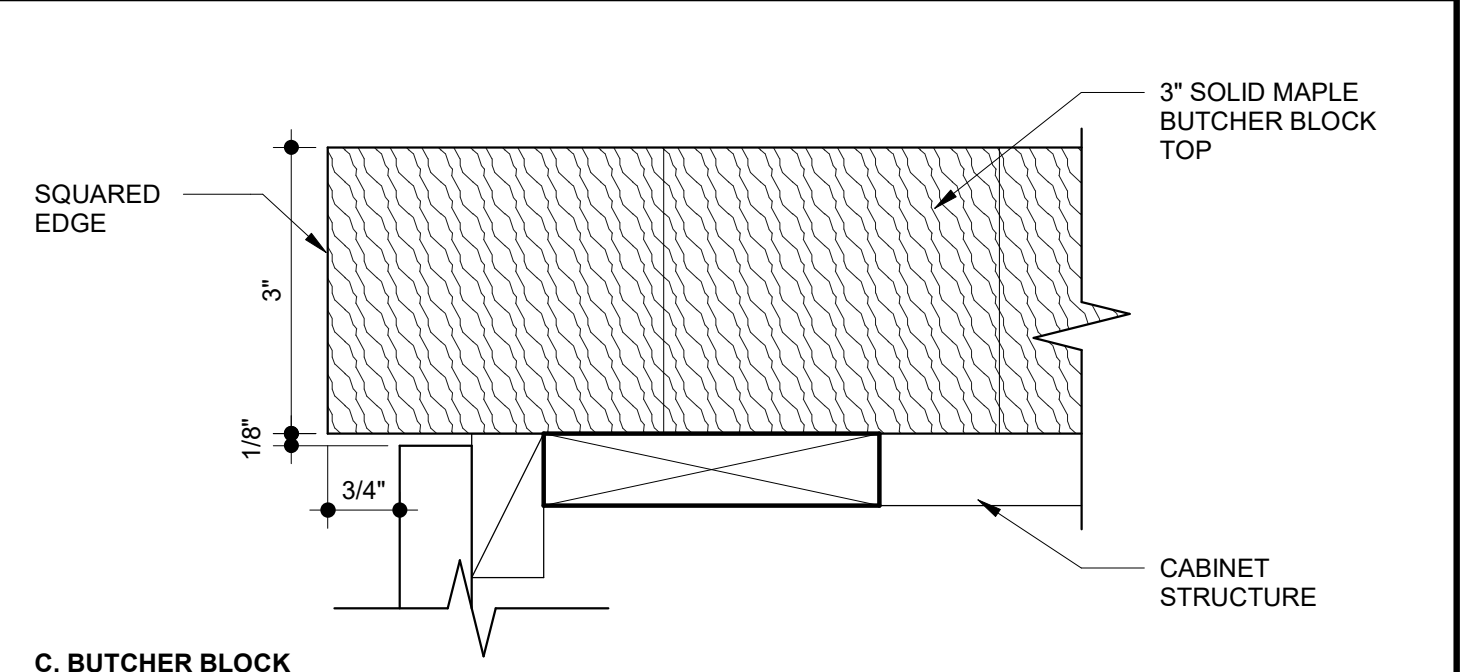


- NOTE:
1. PROVIDE CABINETRY LOCK HARDWARE FOR ALL DORM LOCKERS
  2. ALL BOX CONSTRUCTION TO BE 3/4 PLYWOOD, INTERIORS TO BE WHITE MELAMINE. DOORS/DRAWER FRONTS ARE TO BE 3/4 WOOD CORE OR SIM. WITH HIGH PRESSURE FINISH
  3. FOR ADDITIONAL CASEWORK INFORMATION, SEE SPECIFICATIONS.

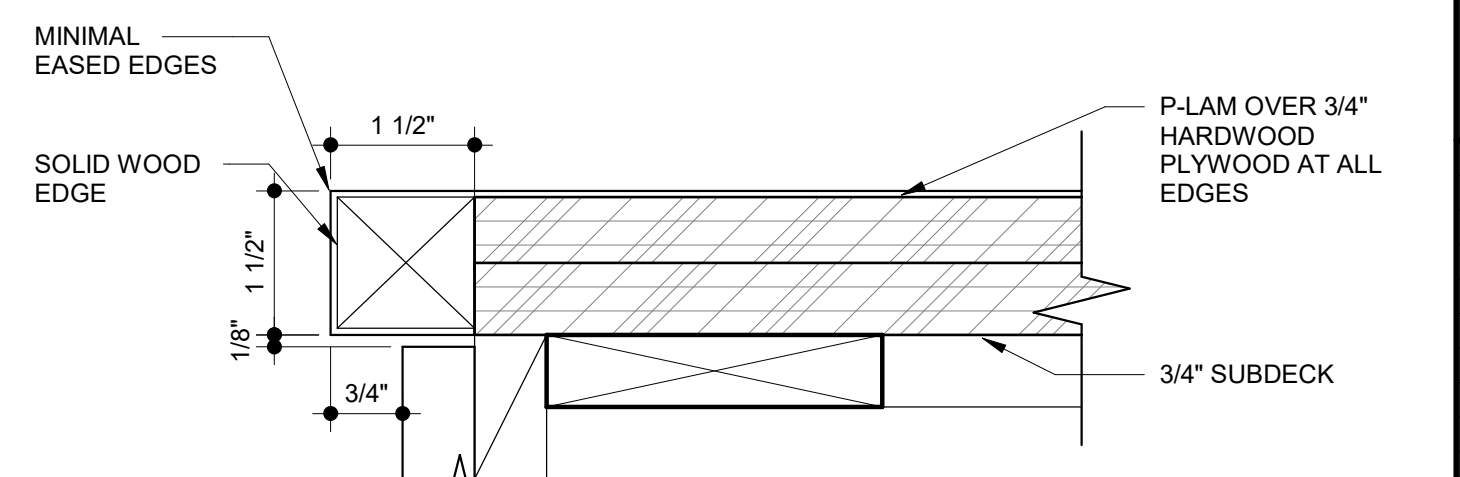
**13 WARDROBE CABINET**  
SCALE: 1 1/2" = 1'-0"



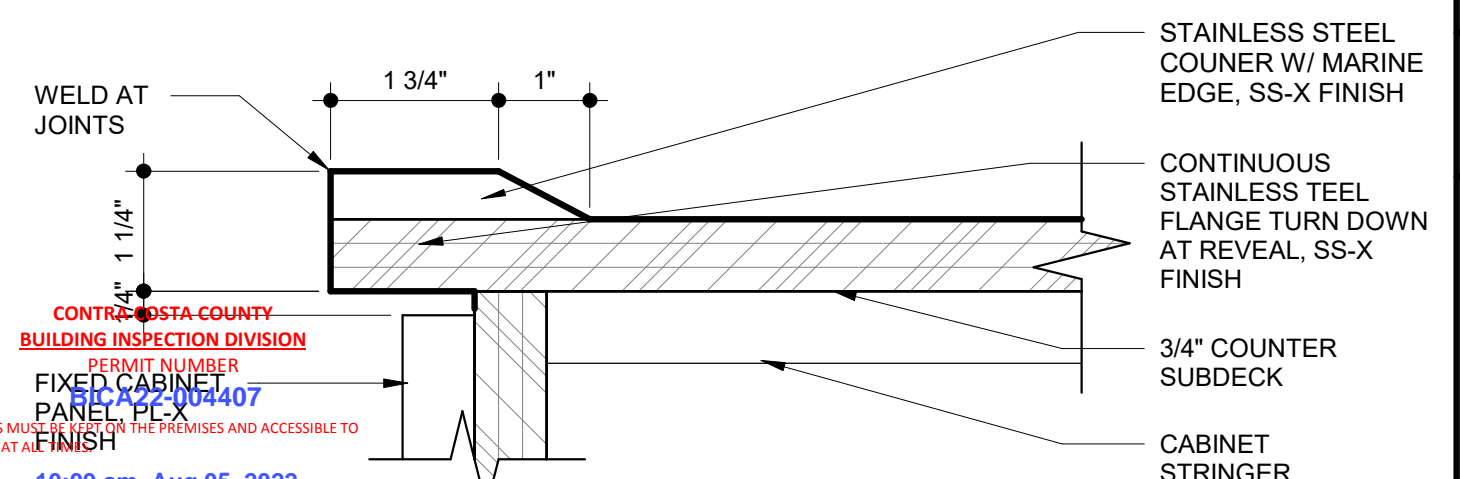
**5 FULL HEIGHT CABINET**  
SCALE: 1 1/2" = 1'-0"



**C. BUTCHER BLOCK**



**B. PLASTIC LAMINATE**



**1 COUNTERTOP EDGE CONDITIONS**  
SCALE: 6" = 1'-0"



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869

CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
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CONTACT: RON BLUE  
T: (831) 373-4390

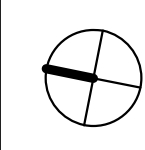
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
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CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
7	ISSUED FOR BUILDING PERMIT	04/01/2022

JOB NO.  
2106 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
INTERIOR DETAILS







# SPECIAL INSPECTION REQUIREMENTS

(This is intended to be a guide. The registered design professional is still responsible for preparing the statement of special inspections per Section 1704.3)

**Structural Reviewed**

By: *Kristen Palenchar*

8:36 am, Aug 05, 2022

For this project, list the required inspections for CBC Chapter 17

Permit #: **BICA22-004407** Project Address: **217 Arlington Ave., Kensington, Ca 94707**

CONSTRUCTION TYPE REQUIRING INSPECTION	LIST OF REQUIRED INSPECTIONS
Special Cases (Section 1705.1.1)	<input checked="" type="checkbox"/> <b>Post installed anchors</b>
Steel Construction (1705.2)	<input checked="" type="checkbox"/> Structural steel welding. (Per AISC 360 Tables N5.4-1 thru N5.4-3) <input checked="" type="checkbox"/> Structural steel bolting (Per AISC 360 Tables N5-6.1 thru N5.6-3) <input type="checkbox"/> Cold-formed steel deck (Per SDI QA/QC) <input type="checkbox"/> Open-web steel joists and joist girders <input type="checkbox"/> Cold-form steel trusses spanning 60 feet or greater
Concrete Construction (Section 1705.3)	<input checked="" type="checkbox"/> Inspect reinforcement, including prestressing tendons, and verify placement. <input type="checkbox"/> Reinforcing bar welding. <input checked="" type="checkbox"/> Inspect anchors cast in concrete. <input checked="" type="checkbox"/> Inspect epoxy anchors. <input checked="" type="checkbox"/> Inspect mechanical anchors. <input checked="" type="checkbox"/> Verify use of required design mix. <input checked="" type="checkbox"/> Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete. <input checked="" type="checkbox"/> Inspect concrete and shotcrete placement for proper application techniques. <input type="checkbox"/> Verify maintenance of specified curing temperature and techniques. <input type="checkbox"/> Inspect prestressed concrete. <input type="checkbox"/> Inspect erection of precast concrete members. <input type="checkbox"/> Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs. <input checked="" type="checkbox"/> Inspect formwork for shape, location and dimensions of the concrete member being formed. <input type="checkbox"/> Preconstruction tests for shotcrete (Per 1704.5.4, 1908.5)
Masonry Construction (Section 1705.4)	<input type="checkbox"/> In accordance with the quality assurance program requirements of TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530.1/ASCE 6
Wood Construction (Section 1705.5)	<input type="checkbox"/> High-load diaphragms. <input type="checkbox"/> Metal-plate-connected wood trusses spanning 60 feet or greater.
Soils (Section 1705.6)	<input checked="" type="checkbox"/> Verify materials below shallow foundations are adequate to achieve the design bearing capacity. <input checked="" type="checkbox"/> Verify excavations are extended to proper depth and have reached proper material. <input checked="" type="checkbox"/> Perform classification and testing of compacted fill materials. <input checked="" type="checkbox"/> Verify use of proper materials, densities, and lift thicknesses. <input checked="" type="checkbox"/> Prior to placement of compacted fill, inspect subgrade, and verify that site has been prepared properly.
Driven Deep Foundations (Section 1705.7)	<input type="checkbox"/> Verify element materials, sizes and lengths comply with the requirement. <input type="checkbox"/> Determine capacities of test elements, and conduct additional load tests as required. <input type="checkbox"/> Inspect driving operations and maintain complete and accurate records for each element. <input type="checkbox"/> Verify placement locations, plumbness, type and size of hammer, blows per foot of penetration, and record tip and butt elevations. <input type="checkbox"/> For steel elements, perform additional special inspections in accordance with Section 1705.2. <input type="checkbox"/> For concrete elements and concrete-filled elements, perform tests and additional special inspections in accordance with Section 1705.3. <input type="checkbox"/> For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge.

**CONTRA COSTA COUNTY**  
**BUILDING INSPECTION DIVISION**  
 PERMIT NUMBER  
**BICA22-004407**

THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.

**10:10 am, Aug 05, 2022**

**REVIEWED**

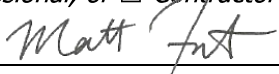
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By: **ROSALINA ACUFF**

For this project, list the required inspections for CBC Chapter 17

Cast-in-place Deep Foundations (Section 1705.8)	<input checked="" type="checkbox"/> Inspect drilling operations and maintain complete and accurate records for each element by either a: <input checked="" type="checkbox"/> <b>Soils Engineer</b> , <input type="checkbox"/> <b>Special Inspector (approved for "PDC")</b> , or <input type="checkbox"/> <b>Engineer of Record (for one and two family dwellings)</b> . <input checked="" type="checkbox"/> Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end-bearing strata capacity. Record concrete or grout volumes. <input checked="" type="checkbox"/> For concrete elements, perform tests and additional special inspections in accordance with Section 1705.3.
Helical Piles (Section 1705.9)	<input type="checkbox"/> Installation of helical pile foundations
Fabricated Items (Section 1705.10)	<input type="checkbox"/> Special inspections of fabricated items shall be performed in accordance with Section 1704.2.5.
Wind Resistance (Section 1705.11)	<input type="checkbox"/> Structural wood <input type="checkbox"/> Cold-formed steel light-frame construction <input type="checkbox"/> Wind-resisting components
Seismic Resistance (Section 1705.12 & 1705.13)	<input type="checkbox"/> Structural steel <input checked="" type="checkbox"/> Structural wood <input type="checkbox"/> Cold-formed steel light-frame construction <input checked="" type="checkbox"/> Designated seismic systems <input type="checkbox"/> Architectural components <input type="checkbox"/> Plumbing, mechanical, and electrical components <input type="checkbox"/> Storage racks <input type="checkbox"/> Seismic isolation systems <input type="checkbox"/> Cold-formed steel special bolted moment frames
Fire Resistive Construction (Section 1705.14)	<input type="checkbox"/> Spray applied materials (1705.14) <input type="checkbox"/> Mastic and Intumescent coatings (1705.15) <input type="checkbox"/> Penetrations and joints (1705.17)
Exterior Insulation and Finish Systems (EIFS) (Section 1705.16)	<input type="checkbox"/>
Testing For Smoke Control (Section 1705.18)	<input type="checkbox"/>
Structural Observation for seismic resistance	<input checked="" type="checkbox"/>

Acknowledgements: (Choose one)  Owner,  Design Professional, or  Contractor

Name: Matt Frantz Signature:  Date: 7/22/22



**CONTRA COSTA COUNTY  
DEPARTMENT OF CONSERVATION & DEVELOPMENT  
BUILDING INSPECTION DIVISION  
30 Muir Road  
Martinez, CA 94553**

**RECOGNIZED SPECIAL INSPECTION AND TESTING AGENCIES  
EFFECTIVE 06/06/22 – 06/06/23**

Key      RC=Reinforced Concrete      PC=Prestressed/Post-tensioned Concrete      SM=Structural Masonry  
           SS=Structural Steel Welding/Bolting      FP=Spray-Applied Fireproofing      URM= Unreinforced Masonry Push/Torque Tests Only  
           PDC = Piling, Drilled Piers & Caissons      GEF = Grading, Excavation, & Filling      SWC = Structural Wood

Agency Name	HQ Address	Phone/Fax	RC	PC	SM	SS	FP	URM	PDC	GEF	SWC
<b>A1 Inspection Services</b>	1754 Mission Street San Francisco, CA 94109	<b>(415) 621-8001</b> (415) 358-4409	X	X	X	X	X				
<b>ACE Quality Control</b>	1050 Melody Lane, Suite 160 Roseville, CA 95678	<b>(916) 742-5096</b>	X	X	X	X	X	X	X	X	X
<b>Achievement Engineering Corp.</b>	2455 Autumnvale Drive, Unit E San Jose, CA 95131	<b>(408) 217-9174</b> (408) 217-9632	X	X	X	X	X	X	X	X	
<b>Achievement Engineering Corp.</b>	250 King Street, Suite 1108 San Francisco, CA 94107	<b>(800) 653-1397</b> (408) 217-9632	X	X	X	X	X	X	X	X	
<b>Achievement Engineering Corp.</b>	5070 North 6 <sup>th</sup> Street Fresno, CA	<b>(408) 217-1974</b> (408) 217-9632	X	X	X	X	X	X	X	X	
<b>AECOM Technical Services</b>	300 Lakeside Drive Suite 400 Oakland, CA 94612	<b>(510) 893-3600</b>							X		
<b>AGS Inc.</b>	5 Freelon Street San Francisco, CA 94107	<b>(415) 777-2166</b> (415) 777-2167	X						X	X	
<b>Alan Kropp &amp; Associates, Inc.</b> (Geotechnical Consultants)	2140 Shattuck Avenue, Suite 910 Berkeley, CA 94704	<b>(510) 841-5095</b> (510) 841-8357							X	X	
<b>Alta Vista Solutions</b>	6475 Christie Avenue, Suite 425 Emeryville, CA 94608	<b>(510) 594-0510</b> (510) 5940511	X	X	X	X	X	X			
<b>Applied Materials &amp; Engineering, Inc.</b>	980 41 <sup>st</sup> Street Oakland, CA 94608	<b>(510) 420-8190</b> <b>(510) 420-8186</b>	X	X	X	X	X	X			
<b>Aries Engineering</b>	5357 Persimmon Grove Ct. San Jose, CA 95123	<b>(408) 634-0087</b> N/A	X						X	X	
<b>B.S.K. Associates</b>	399 Lindbergh Avenue Livermore, CA 94551	<b>(925) 315-3151</b> <b>(925) 315-3152</b>	X	X	X	X	X	X	X	X	
<b>BAEZ Geotechnical Group (BGG)</b>	2060 Colorado Ave., Suite B Turlock, CA 95382	<b>(209) 632-3779</b> <b>(209) 632-3771</b>	X	X	X	X	X	X	X	X	
<b>BAEZ Geotechnical Group (BGG)</b>	1686 Second Street, Suite 205 Livermore, CA 94550	<b>(925) 766-1616</b>	X	X	X	X	X	X	X	X	
<b>BAGG</b>	138 Charcot Avenue San Jose, CA 95131	<b>(650) 852-9133</b> (650) 852-9138	X	X	X	X	X	X	X	X	
<b>Berlogar Stevens &amp; Associates (BSA)</b>	5587 Sunol Boulevard Pleasanton, CA 94566	<b>(925) 484-0220</b> (925) 846-9645	X	X							
<b>Biggs Cardosa Associates, Inc.*</b>	1871 The Alameda, Suite 200 San Jose, CA 95126	<b>(408) 296-5515</b> (408) 296-8114	X	X	X	X		X			
<b>Cal Engineering &amp; Geology, Inc (CE&amp;G)</b>	1870 Olympic Blvd., Suite 100 Walnut Creek, CA 94596	<b>(925) 935-9771</b> (925) 935-9773	X						X		
<b>Capex Engineering Inc.</b>	74 Shanico Common Fremont, CA 94539	<b>(510) 668-1815</b> (510) 490-8690	X	X	X	X	X	X			
<b>Consolidated Engineering Labs</b>	2001 Crow Canyon Rd., Ste 100 San Ramon, CA 94583-5387	<b>(925) 314-7100</b> (925) 855-7140	X	X	X	X	X	X	X	X	
<b>Construction Materials Testing, Inc.</b>	2278-F Pike Court Concord, CA 94520-1252	<b>(925)825-2840</b> (925)682-7953	X	X	X	X	X	X			
<b>Construction Testing Services</b>	2142 Rheem Drive, Suite E Pleasanton, CA 94588	<b>(925) 462-5151</b> (925) 462-5183	X	X	X	X	X	X			
<b>Critical Weld Inspections, Inc.</b>	350 West Channel Road Benicia, CA 94510	<b>(707) 297-6795</b> (510) 217-6179	X	X	X	X	X				
<b>CTE CAL, Inc.</b>	46716 Fremont Blvd. Fremont, CA 94538	<b>(510) 573-6362</b> (510) 573-6684	X	X	X	X	X	X	X	X	
<b>Dynamic Consultants, Inc</b>	1300 Space Park Way Mountain View, CA 94043	<b>(650) 967-6982</b> (650) 967-6955	X	X	X	X	X	X			
<b>Earth Systems Consultants</b>	47853 Warm Springs Blvd. Fremont, CA 94539-7400	<b>(510) 353-0320</b> (510) 353-0344	X	X	X	X	X	X			
<b>ENNGEO Incorporated</b>	Crow Canyon Rd., Suite 200 San Ramon, CA 94583-1545	<b>(925) 838-1600</b> (925) 838-7425	X	X	X	X	X	X			

Agencies have not been evaluated for geotechnical special inspection or nondestructive testing. Agencies may not be qualified to perform all aspects of special inspection. Agencies may have offices in more than one location. Chief Building Officials may add and/or remove from this list.  
 \* Agency Subcontracts Laboratory Services.  
 \*\* Inclusion as a recognized special inspection and testing agency is conditional upon receipt of agreement letter with approved concrete testing laboratory.  
 \*\*\* Pacific InterWest Building Consultant approved for Shear/Diaphragm Nailing Only.



Agency Name	HQ Address	Phone/Fax	RC	PC	SM	SS	FP	URM	PDC	GEF	SWC
ESI (Earthquake & Structures, Inc.)	6355 Telegraph Ave., Ste. 101 Oakland, CA 94609	(510) 601-1065 (510) 601-1808	X	X	X	X			X		
Forsythe Engineering Consultants*	1760 Industrial Way Suite 1 Napa, CA 94558	(707) 259-1292 (707) 259-1393				X	X	X			
Geocon Consultants, Inc.	6671 Brisa Street Livermore, CA 94550	(925) 961-5271 (925) 371-5915	X	X	X	X	X	X	X	X	X
HP Inspections	690 Sunol Street, Bldg. H San Jose, CA 95123	(408) 288-8460 (408) 271-0902	X	X	X	X	X	X			
Hultgren – Tillis Engineers	2221 Commerce Avenue, Suite A-1 Concord, CA 94520	(925) 685-6300 (925) 685-6768							X	X	
Inspection Consultants	1515 North C Street Sacramento, CA 95814	(916) 321-5580 (916) 321-5590	X	X	X	X	X	X			
Inspection Consultants	315 14 <sup>th</sup> Street, Suite 2 Oakland, CA 94612	(510) 635-9211	X	X	X	X	X	X			
Inspection Services Inc.	1798 University Ave Berkeley CA 94703	(415) 243-3265 (415) 243-3266	X	X	X	X	X	X			
KC Engineering Co.	865 Cotting Lane, Suite A Vacaville, CA 95688	(707) 447-4025 (707) 447-4143	X	X	X	X	X	X	X	X	
Kleinfelder Inc.	7133 Koll Center Parkway #100 Pleasanton, CA 94566	(925) 484-1700 (925) 484-2977	X	X	X	X	X	X			
Korbmacher Engineering Inc.	480 Preston Court, Suite B Livermore, CA 94551	(925) 454-9033 (925) 454-9564	X	X	X	X					
Krazan and Associates Inc.	545 Parrott Street San Jose, Ca 95112	(408) 271-2200 (408) 271-2201	X	X	X	X	X	X			
MatriScope, Inc	3102 Industrial Boulevard West Sacramento, CA 95691	(510) 763-3601 (510) 763-1388	X	X	X	X	X	X			
Mid Pacific Engineering, Inc. (MPE)	840 Embarcadero Dr. Ste. 20 West Sacramento, CA 95605	(916) 927-7000 (916) 372-9900	X	X	X	X	X		X	X	
Mid Pacific Engineering, Inc. (MPE)	2915 Innsbruck Dr. Ste. A Redding, CA 96003	(530) 246-9499 (530) 246-9527	X	X	X	X	X		X	X	
Neil O. Anderson and Associates	902 Industrial Way Lodi, CA 95240	(209) 367-3701 (209) 333-8303	X	X	X	X	X				
Nichols Consulting Engineers	501 Canal Blvd, Suite C Point Richmond, CA 94804	(510) 215-3620 (510) 215-2898							X		
Nichols Engineering Consultants*	6743 Dublin Boulevard, #15 Dublin, CA 94568	(925) 829-8090 (925) 829-0235	X	X	X	X	X	X			
Ninyo & Moore	2020 Challenger Drive, Suite 103 Alameda, CA 94501	(510) 343-3000 (510) 343-3001	X	X	X	X	X				
Ninyo & Moore	2149 O'Toole Ave. Suite 30 San Jose, CA 95131	(408) 435-9000 (408) 435-9006	X	X	X	X	X	X	X	X	
Norcon	470 3 <sup>rd</sup> Street, Ste 105 San Francisco, CA 94107	(415) 692-0519	X	X	X	X	X				
Northbay Inspection and Technical Service (NIS)	2089 West F Street Napa, CA 94558	(707) 738-9369	X	X	X	X	X				
Pacific InterWest Building Consultants***	1600 S. Main Street, Suite 380 Walnut Creek, CA 94596	(925) 939-5500 (925) 939-9561									
Paragon Geotechnical, Inc.	1049 Kimi Way Placerville, CA 95667	(530) 642-2281	X						X	X	
Picot Inspection LLC	1262 62n Ave Oakland, CA 94621	(510) 847-8990 (510) 430-1106	X	X	X	X	X	X			
PJC & Associates**	600 Martin Ave, Suite 210 Rohmert Park, CA 94928	(707) 584-4804 (707) 584-4811	X	X	X	X			X	X	
PSI	365 Victor Street, Suite C Salinas, CA 93907	(831) 757-3536 (831) 757-6265	X	X	X	X	X	X			
Raney Geotechnical Inc.	3140 Beacon Boulevard West Sacramento, CA 95691	(916) 371-0434 (916) 371-1809	X	X	X	X	X	X	X	X	X
Quantum Geotechnical, Inc	6288 San Ignacio Avenue Ste D San Jose, CA 95119	(408) 629-3822 (408) 629-3825	X	X		X	X	X	X	X	
Quantum Geotechnical, Inc	1110 Burnett Avenue Concord, CA 94520	(925) 788-2751	X	X		X	X	X	X	X	
RES Engineers, Inc.	1250 Misourri Street Ste. 207 San Francisco CA 94107	(415) 822-4625 (415) 822-8925	X	X	X	X	X	X			
RMA Group	5075 Commercial Circle, Unit C Concord, CA 94520	(325) 243-6662 (925) 798-1206	X	X	X	X	X				
Salem Engineering Group, Inc	4055 West Shaw Ave., Suite 110 Fresno, CA 93722	(559) 271-9700 (559) 275-0827	X		X	X	X		X	X	
Signet Testing Laboratories	3121 Diablo Avenue Hayward, CA 94545	(510) 887-8484 (510) 783-4295	X	X	X	X	X	X	X	X	
Smith-Emery Company	PO Box 880550, Hunters Point Shipyard, Bldg. 114 San Francisco, CA 94188	(415) 330-3000 (415) 330-3030	X	X	X	X	X	X			
Stevens, Ferrone & Bailey Engineering Company, Inc.	1600 Willow Pass Court Concord, CA 94520	(925) 688-1001 (925) 688-1005	X	X	X	X	X				

Agencies have not been evaluated for geotechnical special inspection or nondestructive testing. Agencies may not be qualified to perform all aspects of special inspection. Agencies may have offices in more than one location. Chief Building Officials may add and/or remove from this list.

\* Agency Subcontracts Laboratory Services.

\*\* Inclusion as a recognized special inspection and testing agency is conditional upon receipt of agreement letter with approved concrete testing laboratory.

\*\*\* Pacific InterWest Building Consultant approved for Shear/Diaphragm Nailing Only.

06/06/2022

Agency Name	HQ Address	Phone/Fax	RC	PC	SM	SS	FP	URM	PDC	GEF	SWC
Summit Associates	2300 Clayton Road Concord, CA 94520	(925) 363-5560 (925) 36-5511	X	X	X	X	X			X	
T. Makdissy Consulting, Inc.	6280 San Ignacio Ave., Ste M San Jose, CA 95119	(408) 227-8595 (408) 227-1672	X	X	X		X				
TEAM Industrial Services, Inc.	4716 East Second Street Benicia, CA 94510	(707) 748-5800 (707) 748-5804	X	X	X	X	X	X	X	X	
Terracon Consultants, Inc.	18001 W. 106 <sup>th</sup> St., Ste 300 Olathe, KS 66061	(925) 609-7224 (925) 609-6324	X	X	X	X	X	X	X	X	
Terrasearch Inc.	6840 Via Del Oro, #110 San Jose, CA 95119	(408) 362-4920 (408) 362-4926	X	X	X	X	X	X			
Testing Engineers Inc.	2811 Teagarden Street San Leandro, CA 94577	(510) 835-3142 (510) 834-3777	X	X	X	X	X	X			
Twining Laboratories, Inc.	2527 Fresno Street Fresno, CA 93721	(559) 268-7021 (559) 268-7126	X	X	X	X	X	X			
Valley Inspection Incorporated	326 Woodrow Avenue Vallejo, CA 94591-7302	(707) 552-7037 (707) 552-7022				X					
Wallace Kuhl & Associates, Inc.	3251 Beacon Blvd., Suite 300 3 <sup>rd</sup> Floor West Sacramento, CA 95691	(916)-372-1434 (916)-372-2565	X	X	X	X	X	X	X	X	
Youngdahl Consulting Group, Inc.	1234 Glenhaven Ct. El Dorado Hills, CA 95762	(916) 933-0633 (916) 933-6482	X	X	X	X	X	X	X	X	

Key RC=Reinforced Concrete  
SS=Structural Steel Welding/Bolting  
PDC = Piling, Drilled Piers & Caissons

PC=Prestressed/Post-tensioned Concrete  
FP=Spray-Applied Fireproofing  
GEF = Grading, Excavation, & Filling

SM=Structural Masonry  
URM= Unreinforced Masonry Push/Torque Tests Only

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06/06/2022

**Special Inspection & Testing Agreement**

**ACKNOWLEDGEMENTS**

Application Number: BICA22-004407  
Project Location: 217 Arlington Ave., Kensington, Ca 94707  
Contact (include name, telephone and fax): Bill Hansell, 415-378-9064

**Return to :** *Department of Conservation & Development  
Building Inspection Division  
30 Muir Road  
Martinez CA 94553  
Attn: Abed Chowdhury, SE*

Owner/Owner's Agent: Bill Hansell

Signature: *Bill Hansell* Date: 07/28/2022

Contractor: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Project Engineer or Architect: Matt Frantz

Signature: *Matt Frantz* Date: 7/22/22

Special Inspector or Inspection Agency: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**ACCEPTED FOR THE CONTRA COSTA COUNTY BUILDING INSPECTION DEPARTMENT:**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Engineer**







STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE.  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
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CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
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GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
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MEP: LIST ENGINEERING CO.  
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 MONTEREY, CA 95940  
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AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
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 T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

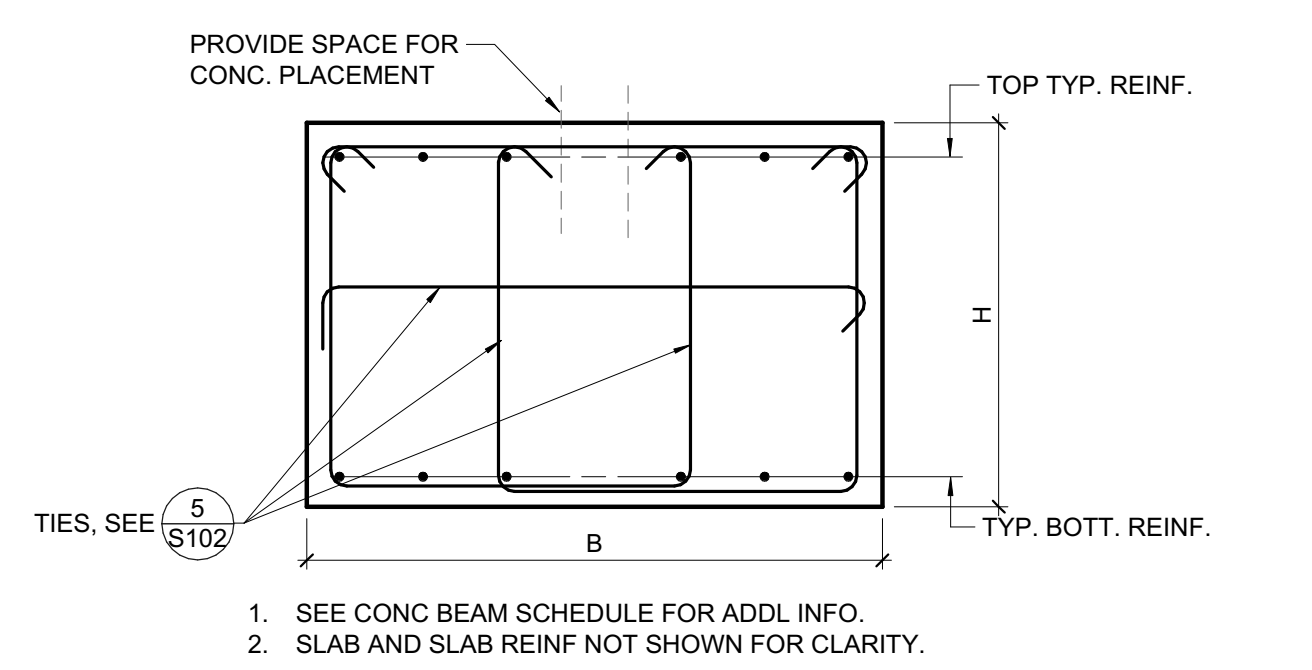
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1	PRELIMINARY SCHEMATIC PRICING SET	9/27/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PERMIT SUBMITTAL	4/01/2022
8	PLAN CHECK COMMENTS	7/22/2022

JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

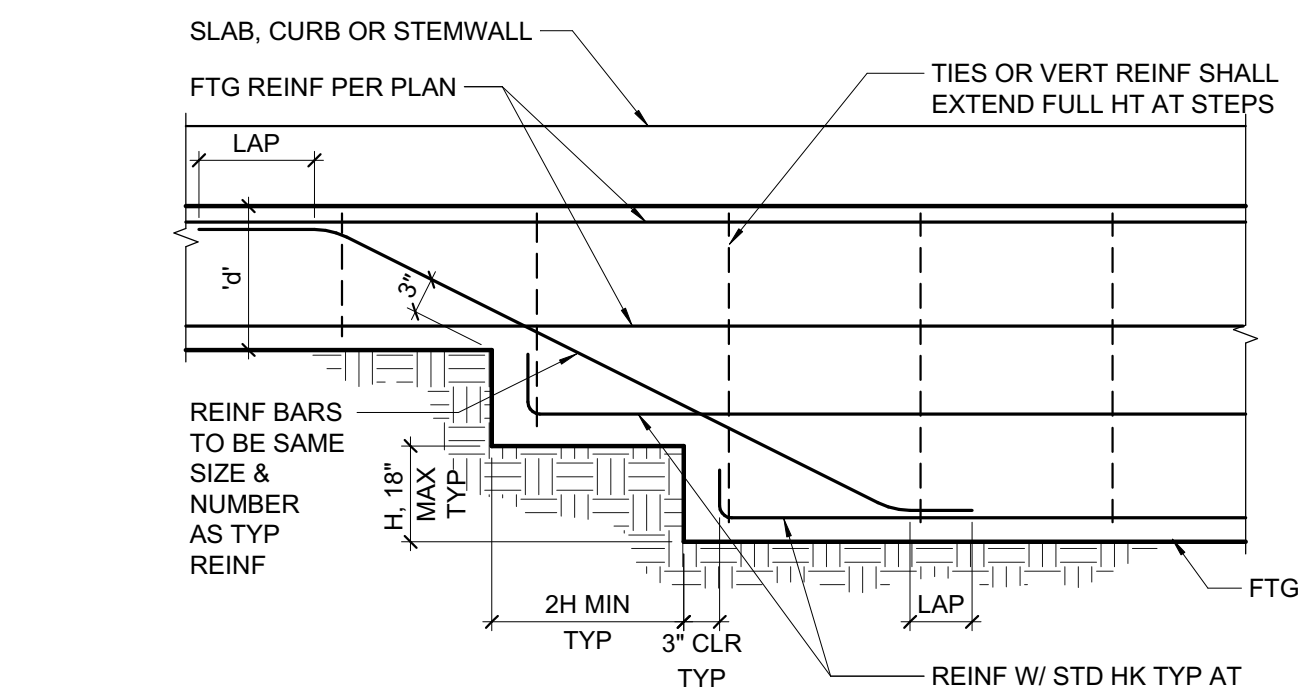
DESCRIPTION  
**TYPICAL CONCRETE GRADE BEAM DETAILS**

REVIEWED  
 10:11 am, Aug 05, 2022  
 By: ROSALINA ACUÑA

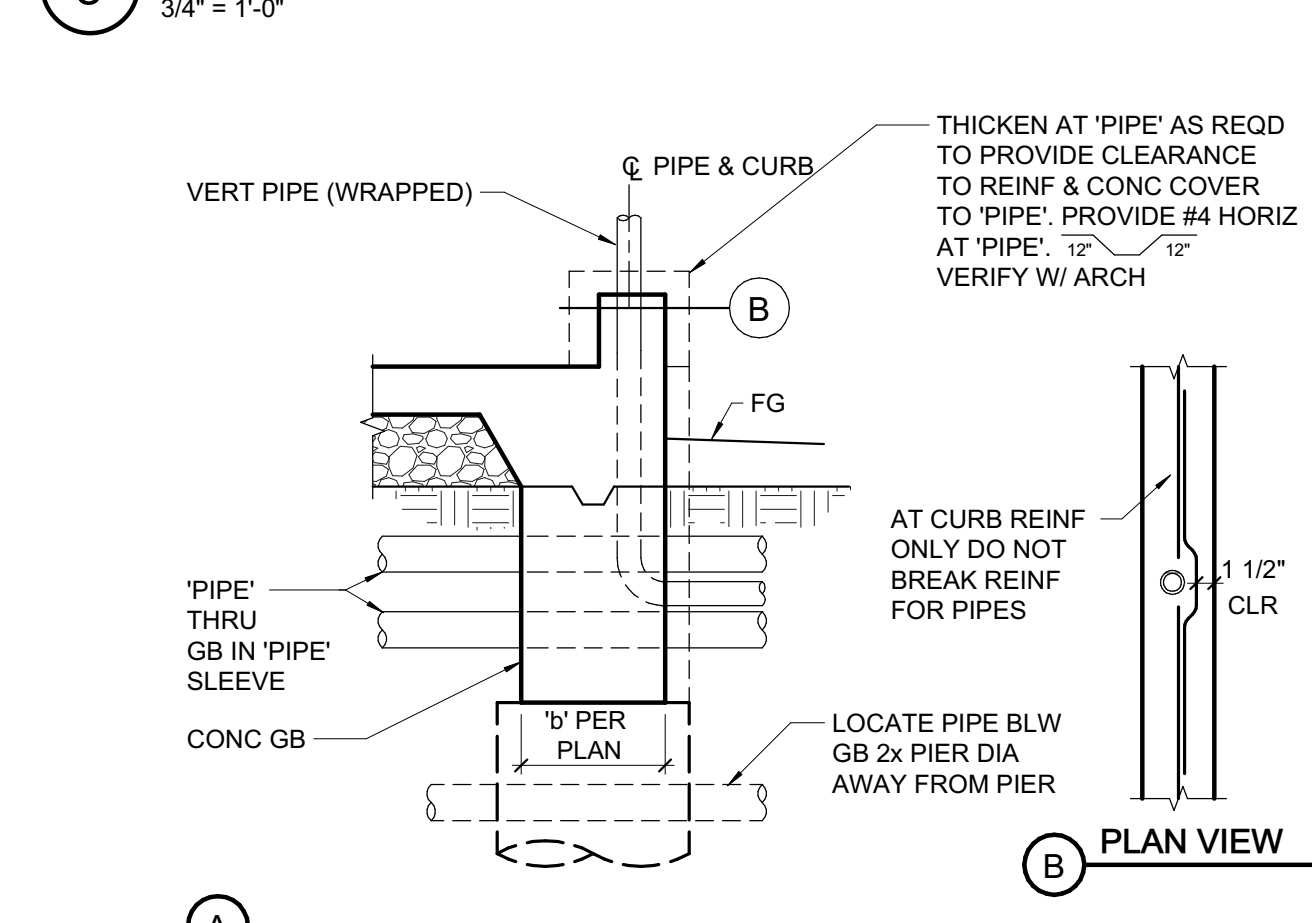
**S102**



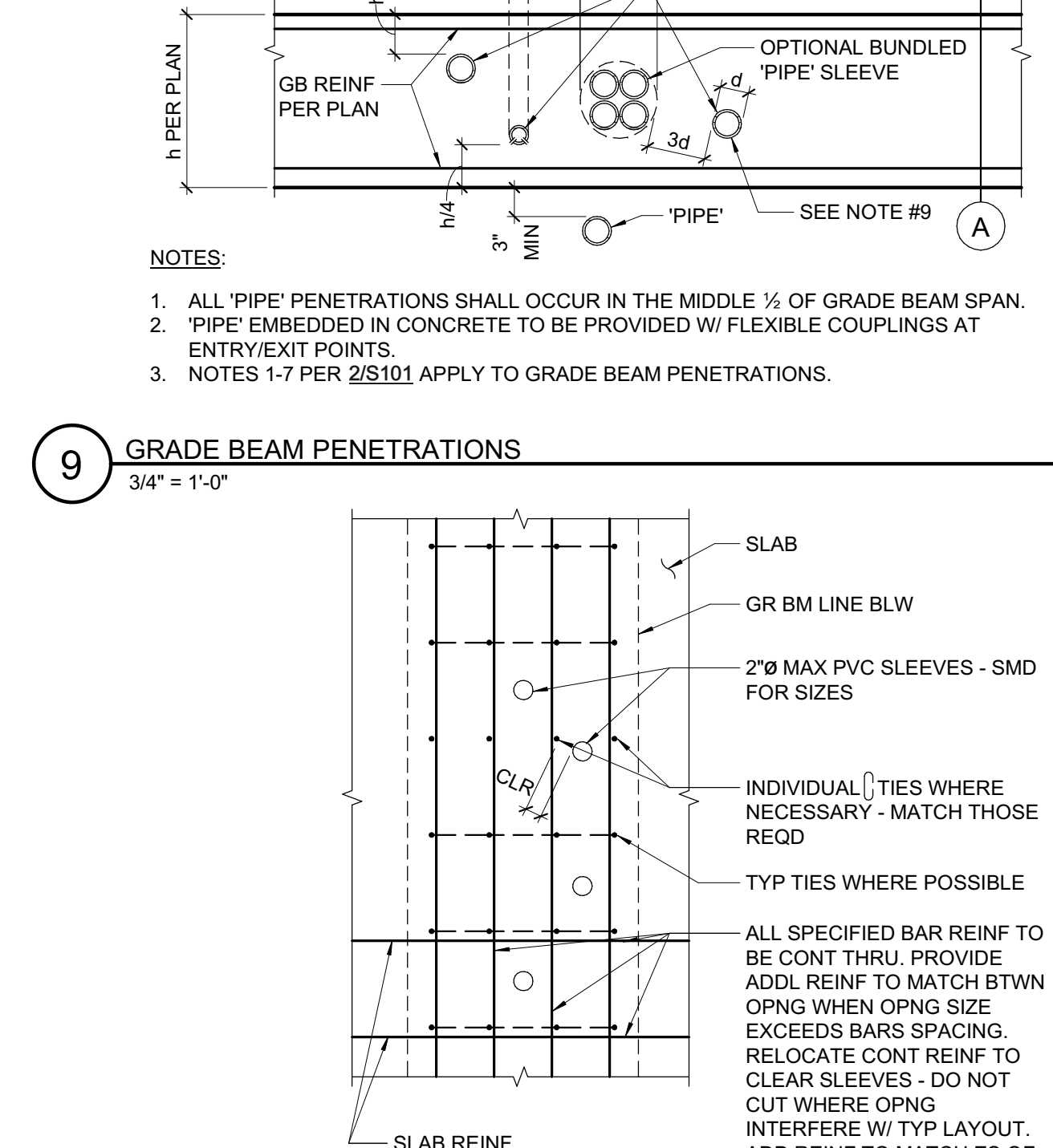
**7 TYPICAL BEAM SECTION DETAIL**  
 1/2" = 1'-0"



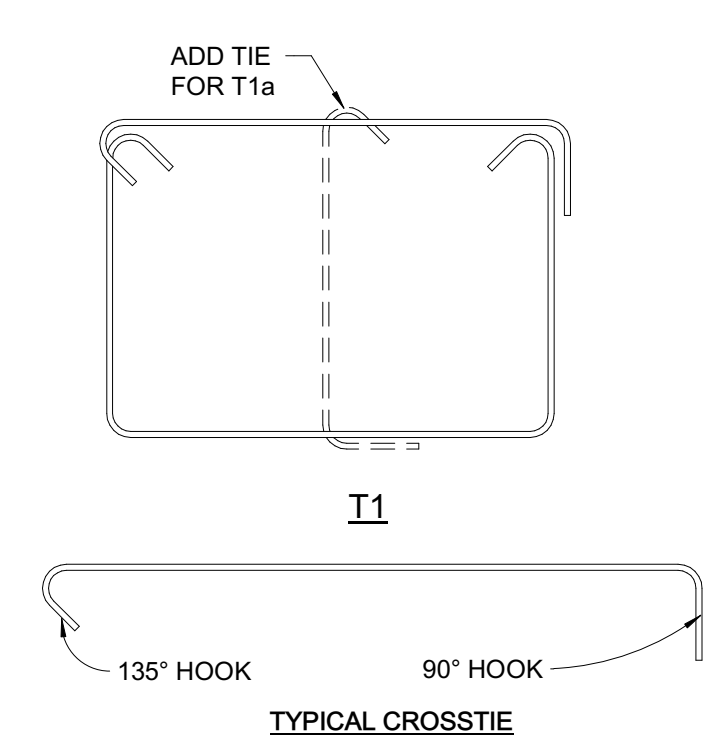
**8 STEPPED GRADE BEAM**  
 3/4" = 1'-0"



**9 GRADE BEAM PENETRATIONS**  
 3/4" = 1'-0"



**10 PLAN VIEW OF HOLES IN GRADE BEAM**  
 3/4" = 1'-0"



**11 TYPICAL CROSSTIE**

**CROSSTIE NOTES**

- SIZE AND SPACING TO MATCH STIRRUPS OR TIES, TYP. UNO
- FOR BEAMS AND GIRDERS WHERE SLAB OCCURS ON BOTH SIDES OF MEMBER, ALTERNATE PLACEMENT OF 135° HOOK AT EACH CONSECUTIVE CROSSTIE. WHERE SLAB OCCURS ON ONE SIDE ONLY, PLACE THE 135° HOOK ON THE SIDE WITHOUT SLAB AT EACH CONSECUTIVE CROSSTIE.

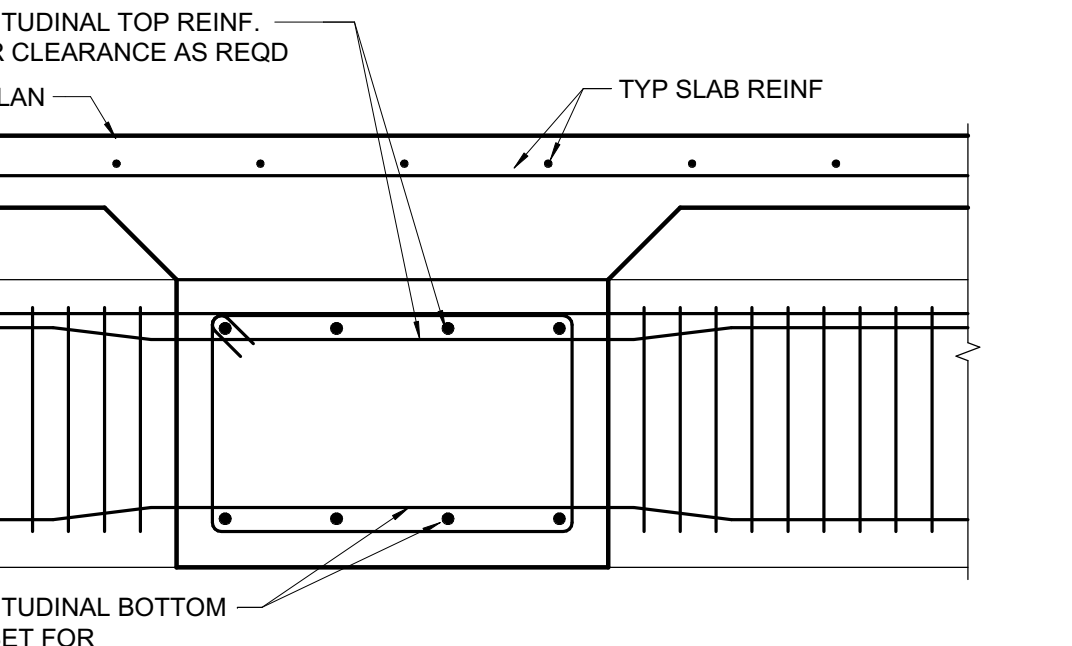
**NOTES:**

- FOR SIZE AND SPACING OF STIRRUPS SEE SCHEDULE.
- FOR TYPICAL BAR HOOKS AND BENDS SEE TYPICAL DETAILS.
- SERPENTINE TIES OF EQUIVALENT CONFIGURATION ARE STRUCTURALLY ACCEPTABLE.

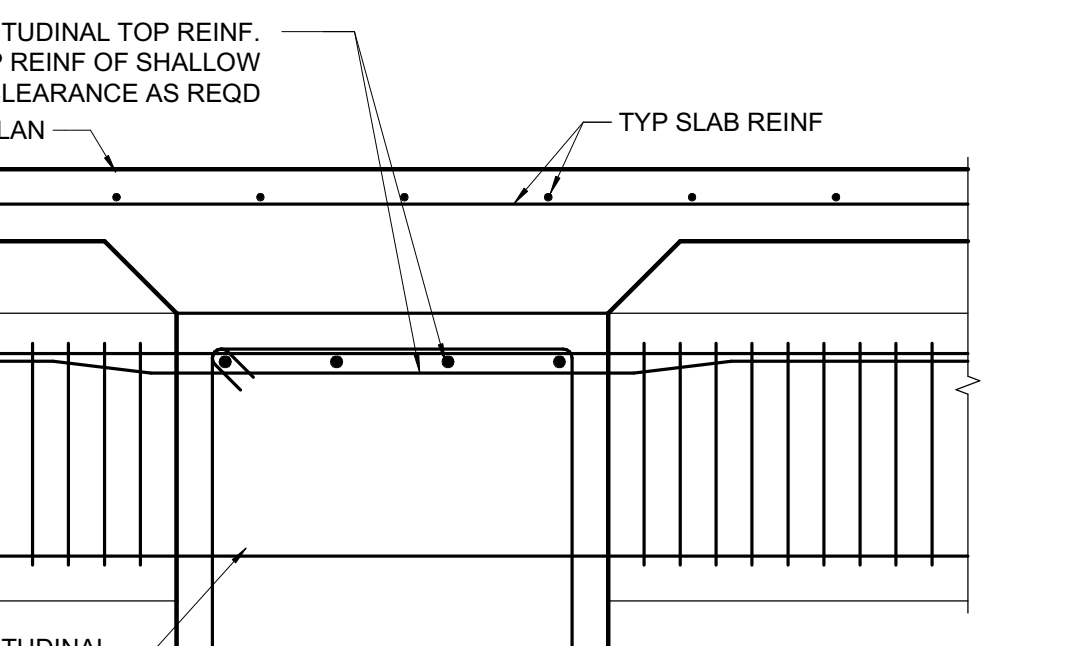
**5 STIRRUPS TYPES DETAIL**  
 3/4" = 1'-0"

**NOTES FOR EQUAL DEPTH BEAM CONNECTIONS:**

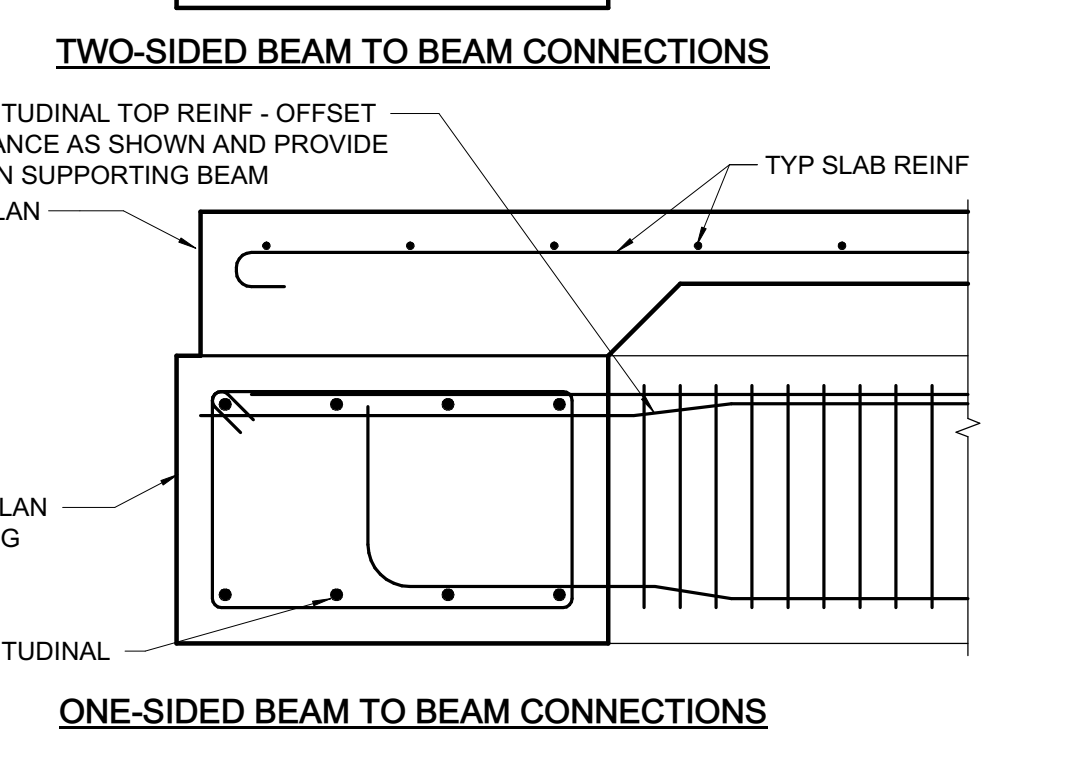
- WHERE BEAM LONGITUDINAL TOP REINF. CONFLICTS, OFFSET GROUP OF BARS CLOSEST TO MIDSPAN OF BEAM.
- WHERE BEAM BOTTOM LONGITUDINAL REINF. CONFLICTS, OFFSET GROUP OF BARS CLOSEST TO SUPPORT.
- IF BEAM INTERSECTION OCCURS AT SAME LOCATION IN BOTH BEAMS OFFSET GROUP OF BARS WITH LESS TOTAL AREA OF STEEL.



**TWO-SIDED EQUAL DEPTH BEAM TO BEAM CONNECTIONS**

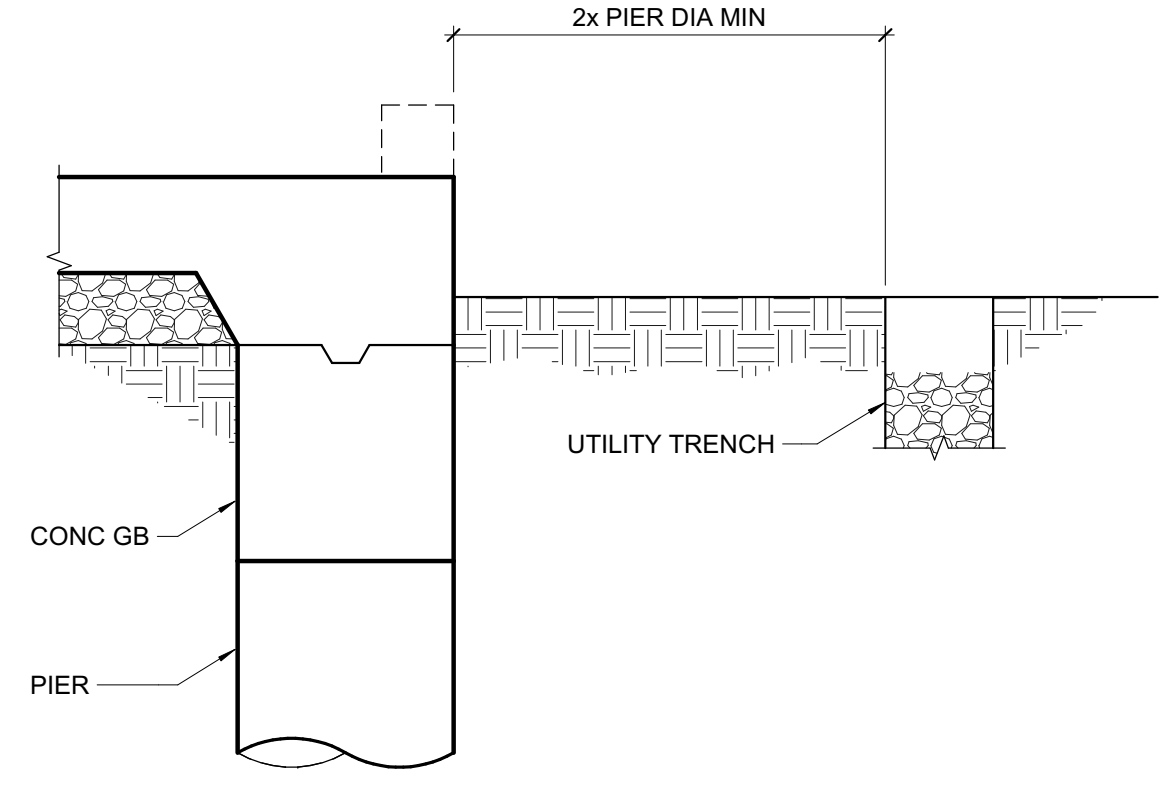


**TWO-SIDED BEAM TO BEAM CONNECTIONS**



**ONE-SIDED BEAM TO BEAM CONNECTIONS**

**6 TYPICAL BEAM TO BEAM CONNECTION**  
 3/4" = 1'-0"

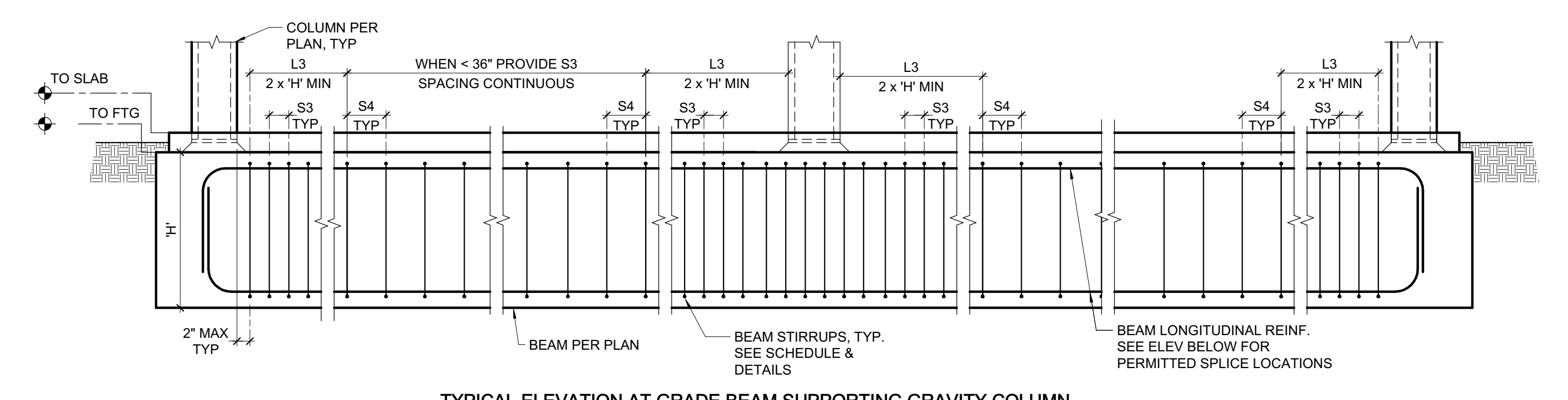


**4 TRENCHING ADJACENT TO GRADE BEAM**  
 3/4" = 1'-0"

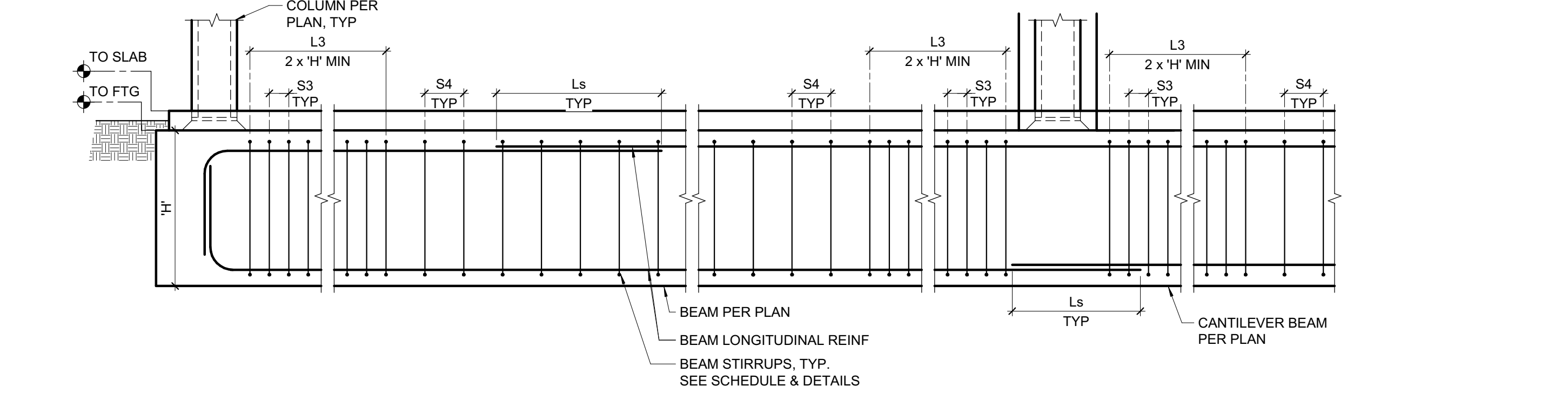
CONCRETE GRADE BEAM (GB) SCHEDULE													
MARK	B	H	LONGITUDINAL REINFORCEMENT				STIRRUPS AND TIES				REMARKS		
			BOTTOM		TOP		SPACING		LENGTH L <sub>3</sub>				
			TYP	ADD	TYP	ADD *A	S3	S4					
GB24	24"	24"	(3)-#5	-	(3)-#5	-	-	T1	#4	10"	10"	FULL	
GB24A	24"	30"	(4)-#8	-	(4)-#8	-	-			6"	10"	5'	135° HK ES
GB30	30"	30"	(5)-#6	-	(5)-#6	-	-			10"	10"	FULL	
GB24B	24"	24"	(3)-#5	-	(3)-#5	-	-			6"	10"	4'	135° HK ES
GB24C	24"	24"	(4)-#7	-	(4)-#7	-	-			10"	10"	FULL	
GB24D	24"	36"	(4)-#9	-	(4)-#9	-	-			4"	10"	5'	135° HK ES

1. REFER TO DETAIL 2/S102, 7/S102, & 5/S102 FOR TYPICAL DEFINITION OF TERMS USED IN THIS TABLE.  
 2. ALL BEAM LONGITUDINAL REINF. TO BE ASTM A706.  
 3. FOR TYPICAL GRAVITY COLUMN TO BEAM CONNECTION, SEE 5/S401.  
 4. FOR TYPICAL BEAM TO BEAM INTERSECTION, SEE 6/S102.

**1 CONCRETE BEAM SCHEDULE**  
 1/2" = 1'-0"



**TYPICAL ELEVATION AT GRADE BEAM SUPPORTING GRAVITY COLUMN**

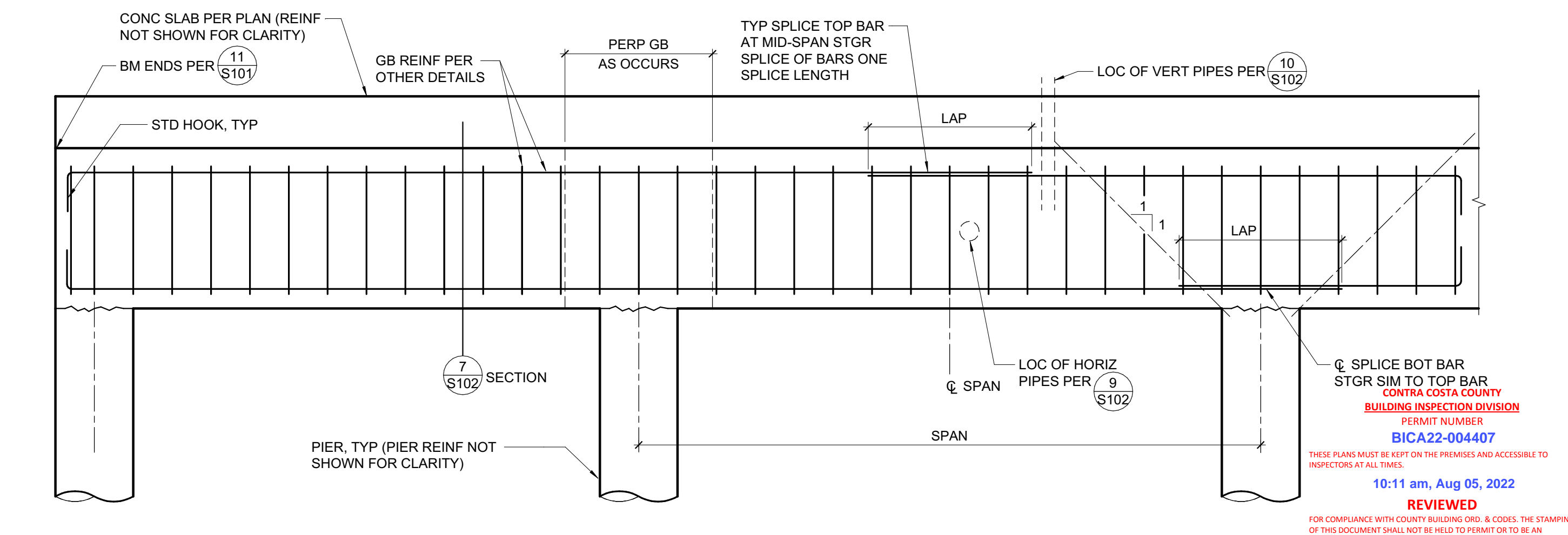


**TYPICAL GRADE BEAM ELEVATION**

**NOTES:**

- LAP TOP BEAM LONGITUDINAL BARS AT MIDSPAN & BOTTOM BARS OVER SUPPORTS. SEE 1/S101 FOR LAP LENGTHS.
- BEAM LONGITUDINAL BARS TO BE TERMINATED WITH 90° STANDARD HOOK UNLESS DETAILED OTHERWISE.
- WHERE BAR EXTENSIONS ARE NOTED IN PLAN OR IN OTHER SPECIFIC DETAILS THIS LENGTH GOVERNS.
- COLUMN TIES AND LONGITUDINAL REINF. TO EXTEND THROUGH BEAM COLUMN JOINT.

**2 TYPICAL BEAM TRANSVERSE REINFORCING**  
 3/4" = 1'-0"



**3 GRADE BEAM REINFORCING SPLICE DETAIL**  
 3/4" = 1'-0"

C:\revit\Local\21479\_Kensington Public Safety Bldg\_S21\_C\_jamebsz\NNA.rvt

7/22/2022 10:09:30 PM

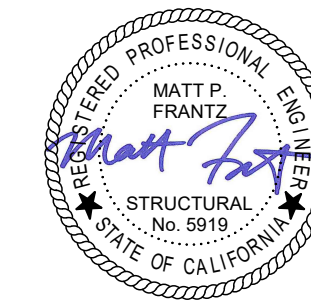








STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064  
 ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
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 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER:  
**BICA22-004407**

THIS PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.

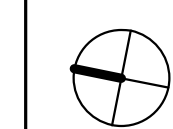
10:11 am, Aug 05, 2022

REVIEWED  
 FOR COMPLIANCE WITH COUNTY BUILDING CODE & CODES. THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

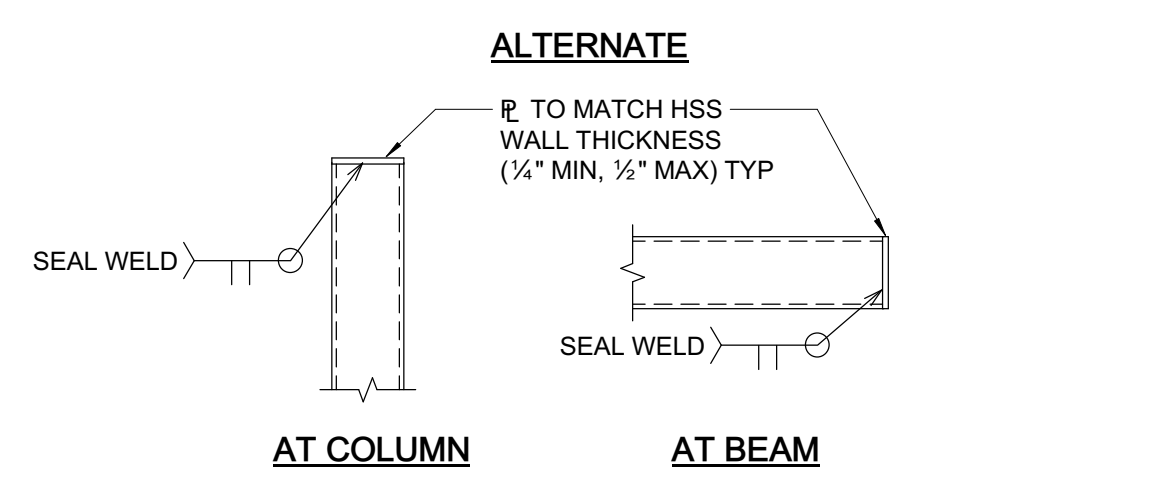
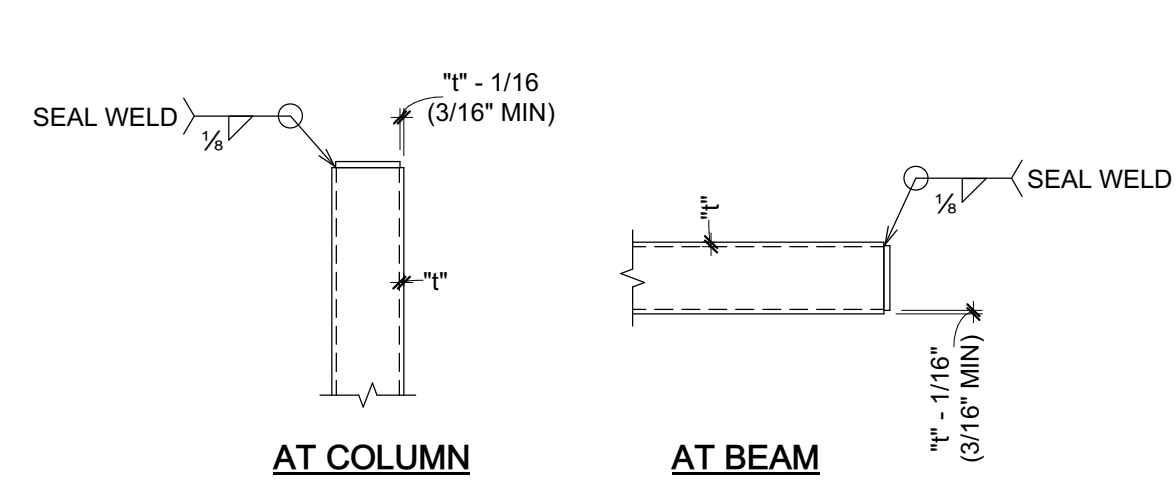
NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	9/27/2021
4	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PERMIT SUBMITTAL	4/01/2022
8	PLAN CHECK COMMENTS	7/22/2022

JOB NO.  
 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

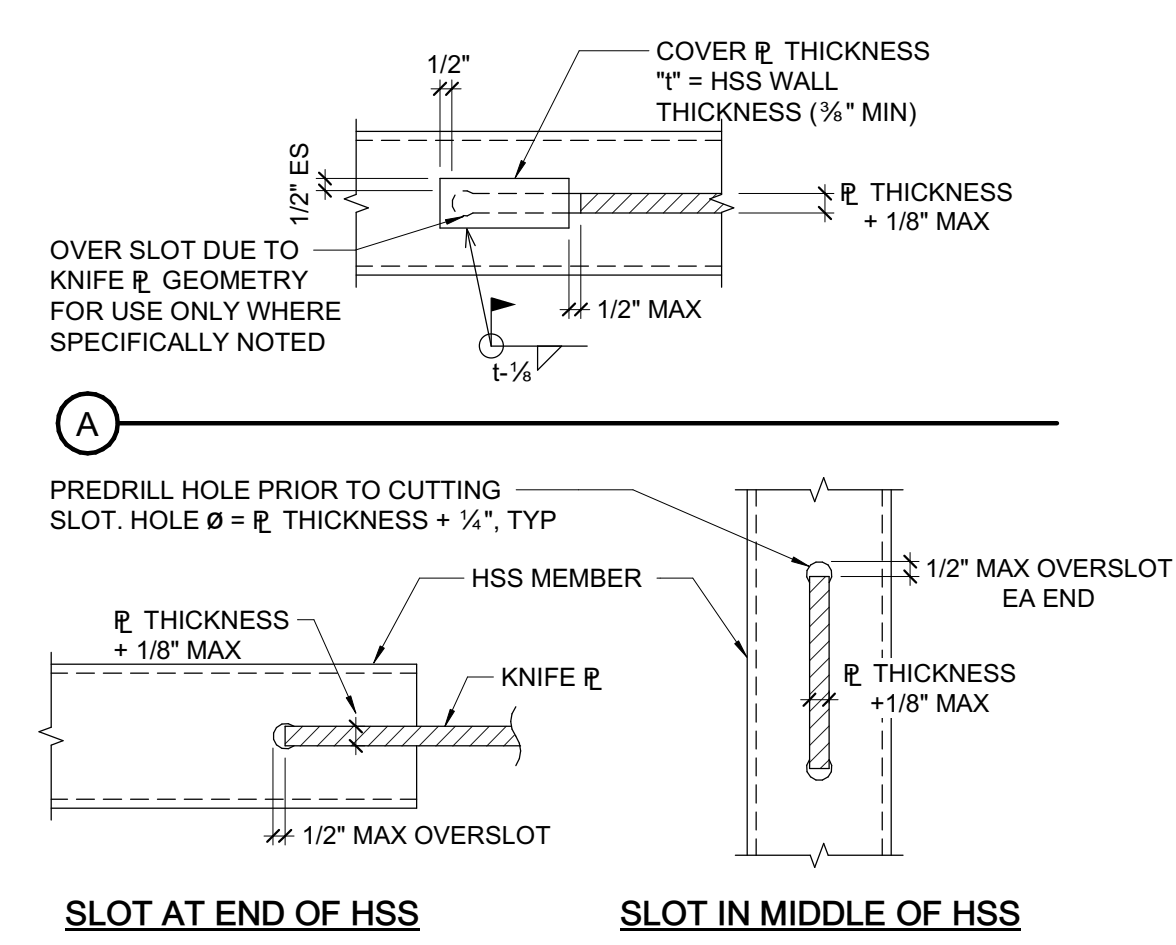
DESCRIPTION  
**TYPICAL STEEL  
 FRAMING DETAILS**



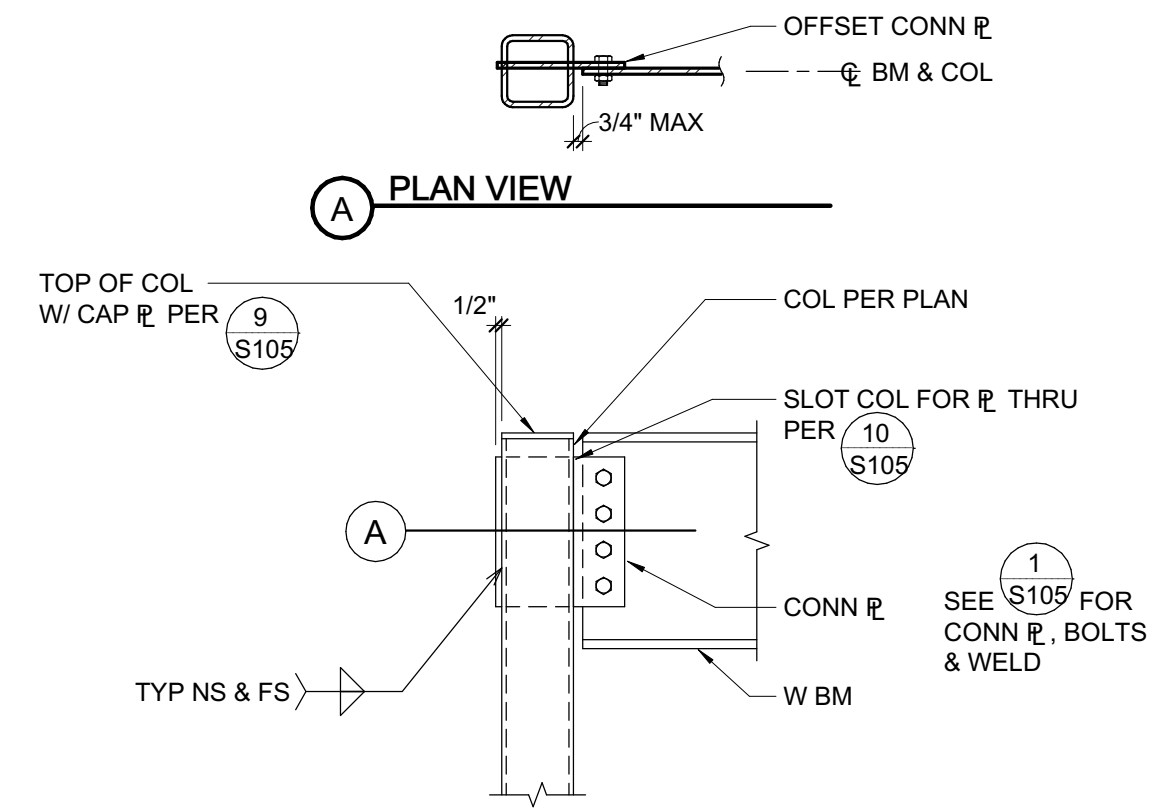
**S105**



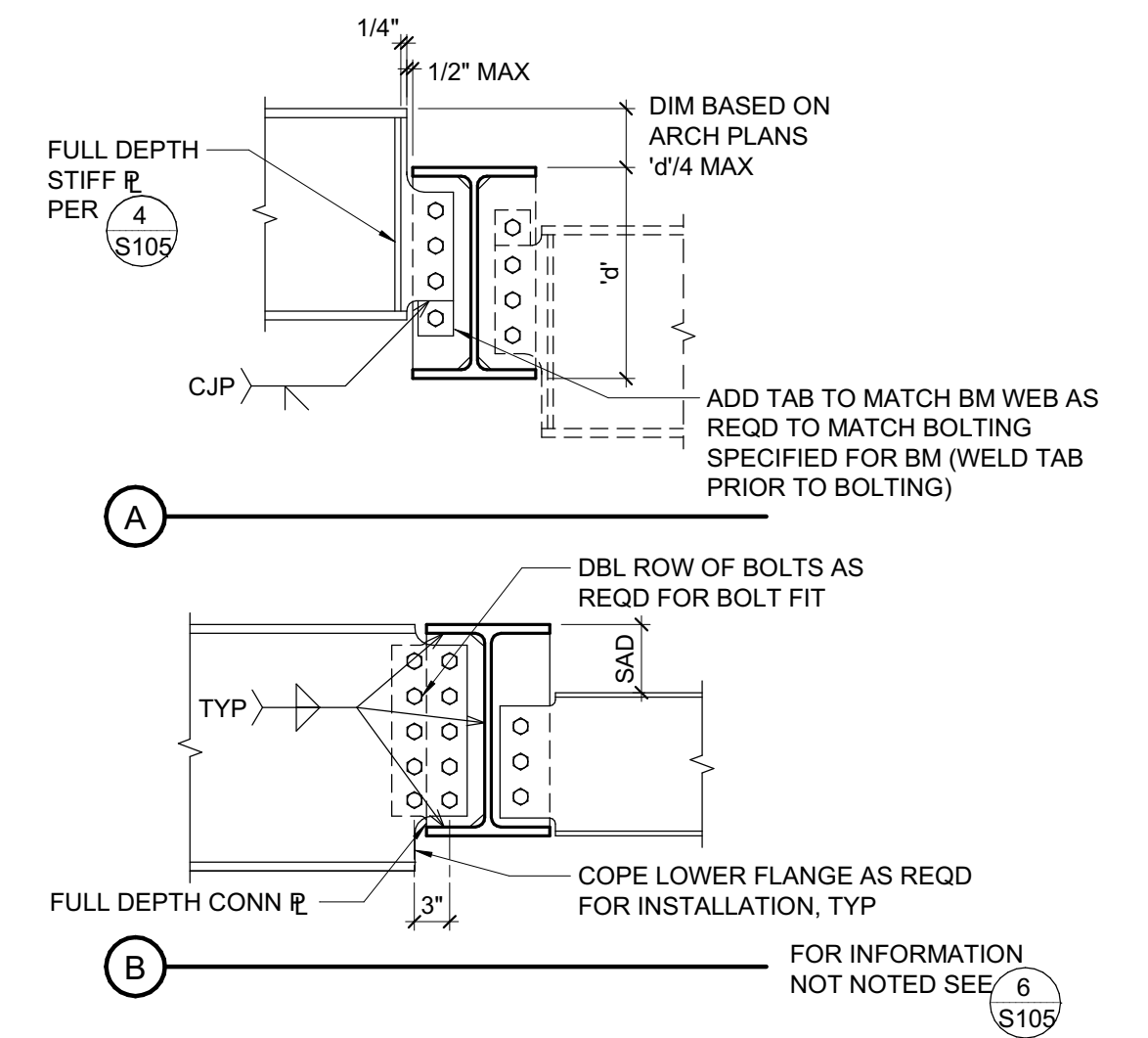
9 TYPICAL CAP PLATE  
 3/4" = 1'-0"



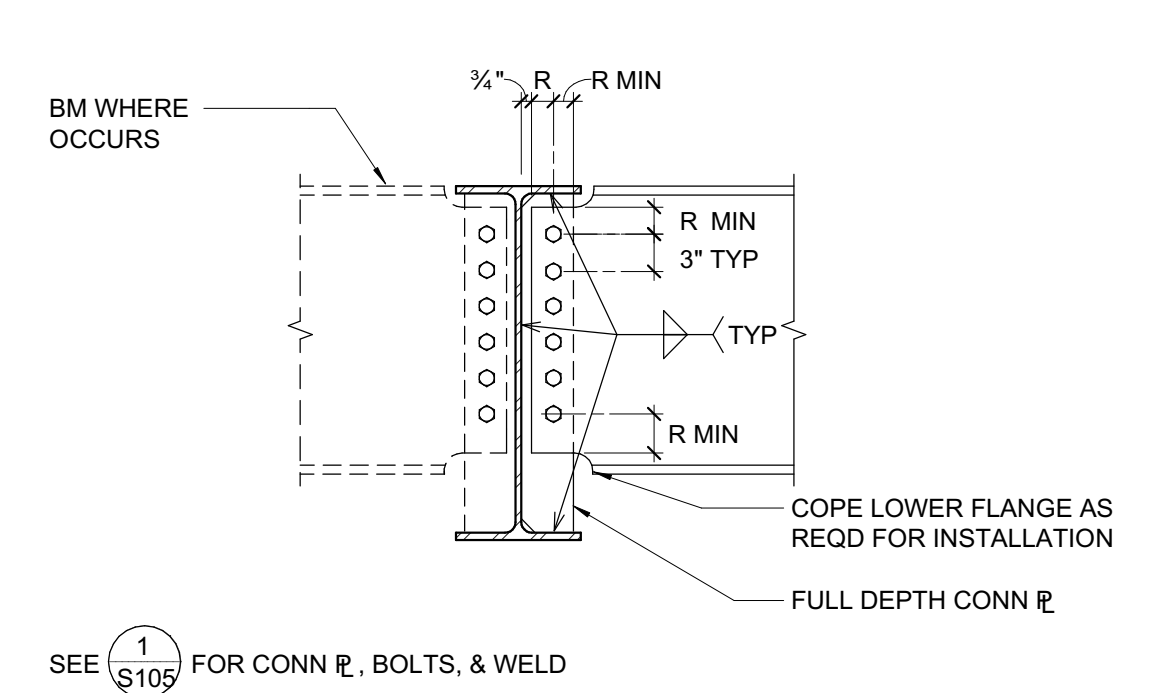
10 TYPICAL SLOTTED HSS FOR GUSSET CONNECTION  
 1 1/2" = 1'-0"



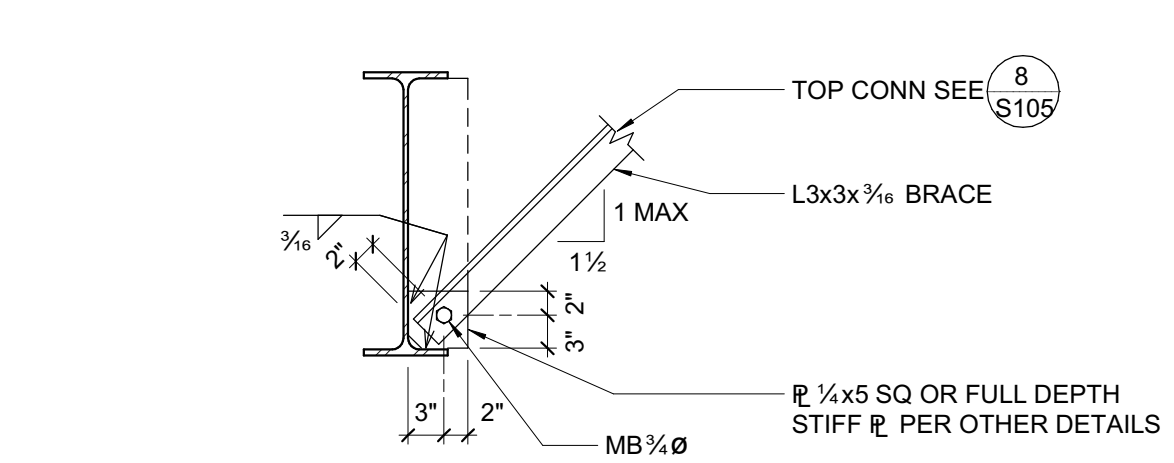
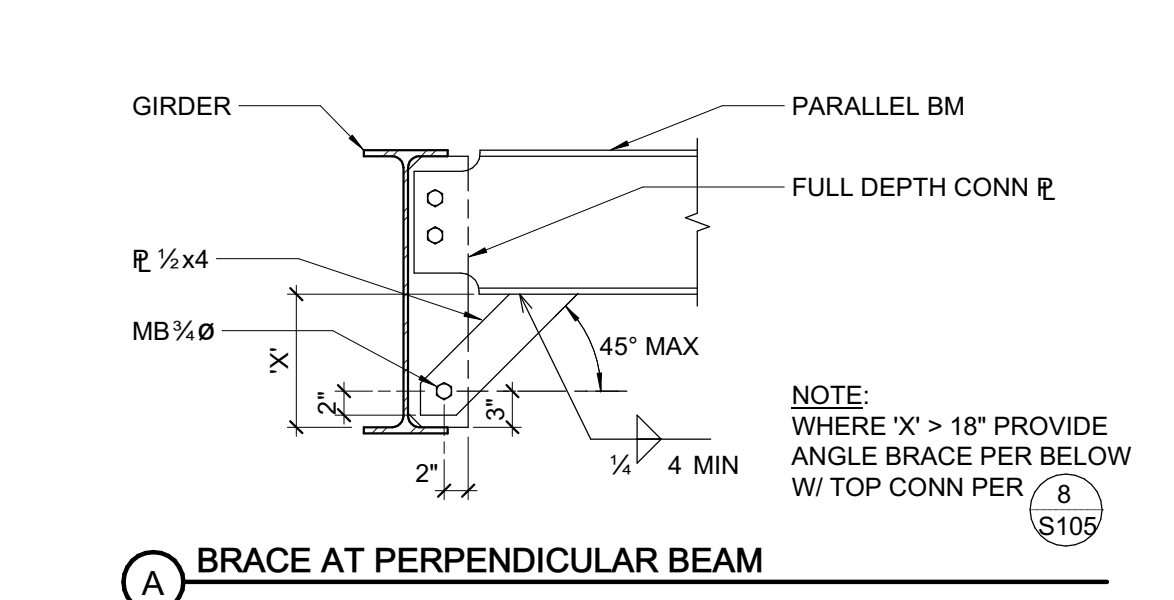
11 BEAM EACH SIDE TO HSS COLUMN  
 3/4" = 1'-0"



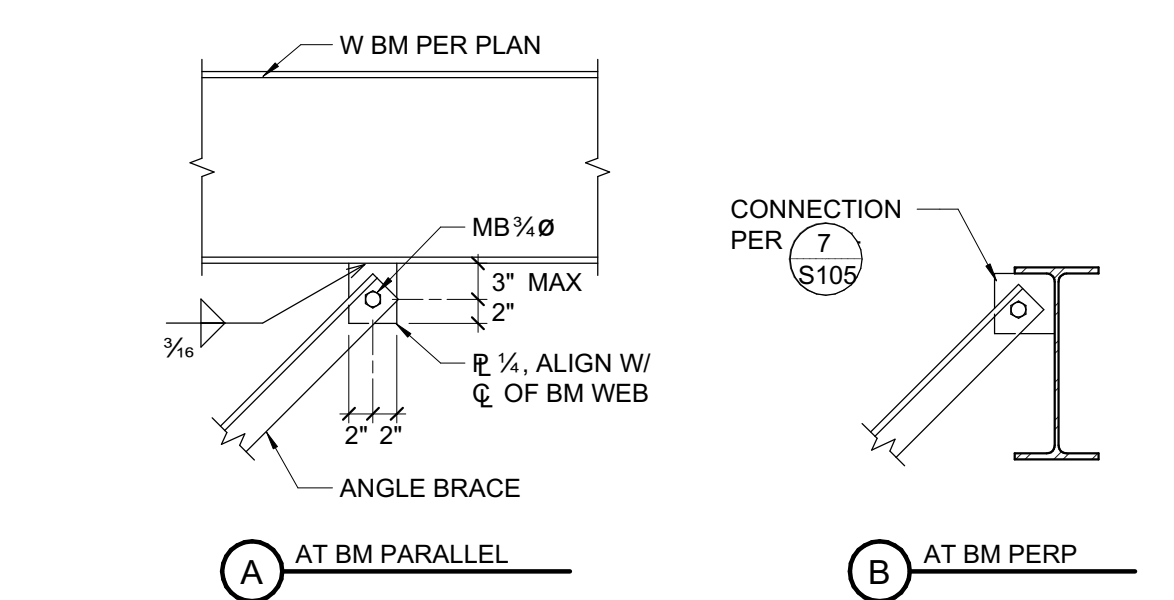
5 TYPICAL BEAM TO BEAM CONNECTIONS  
 3/4" = 1'-0"



6 TYPICAL FULL DEPTH BEAM TO BEAM CONNECTION  
 3/4" = 1'-0"



7 TYPICAL BEAM BOTTOM FLANGE BRACE  
 3/4" = 1'-0"

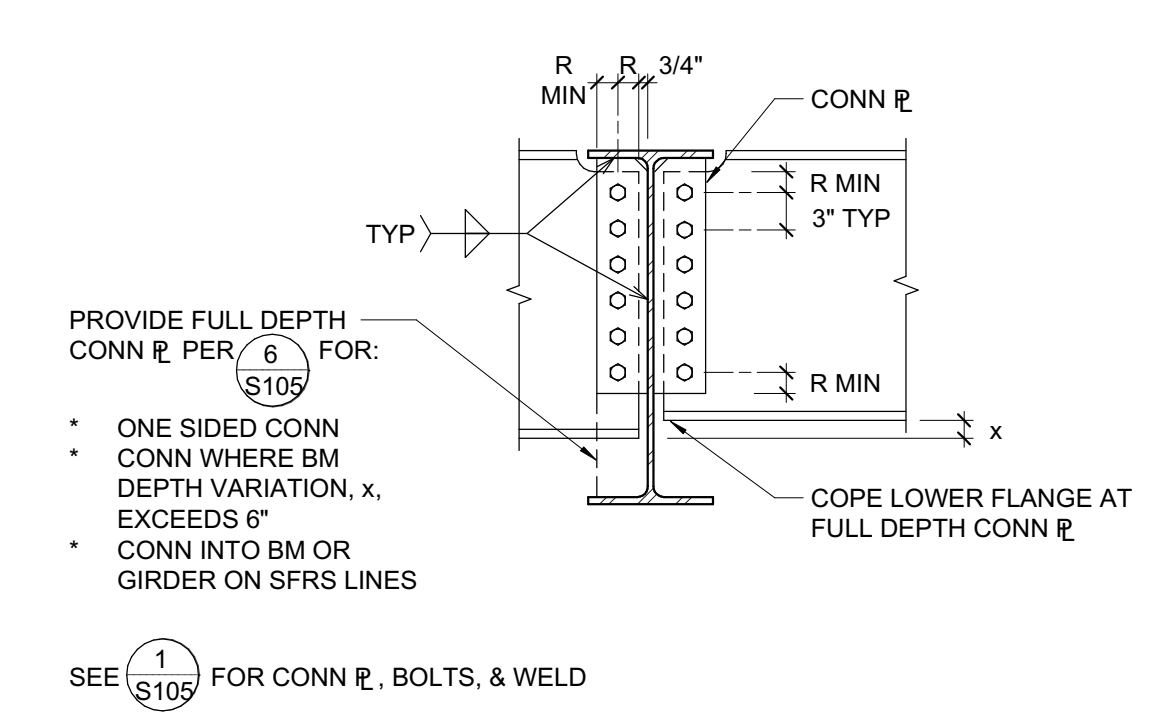


8 TOP OF BRACE  
 3/4" = 1'-0"

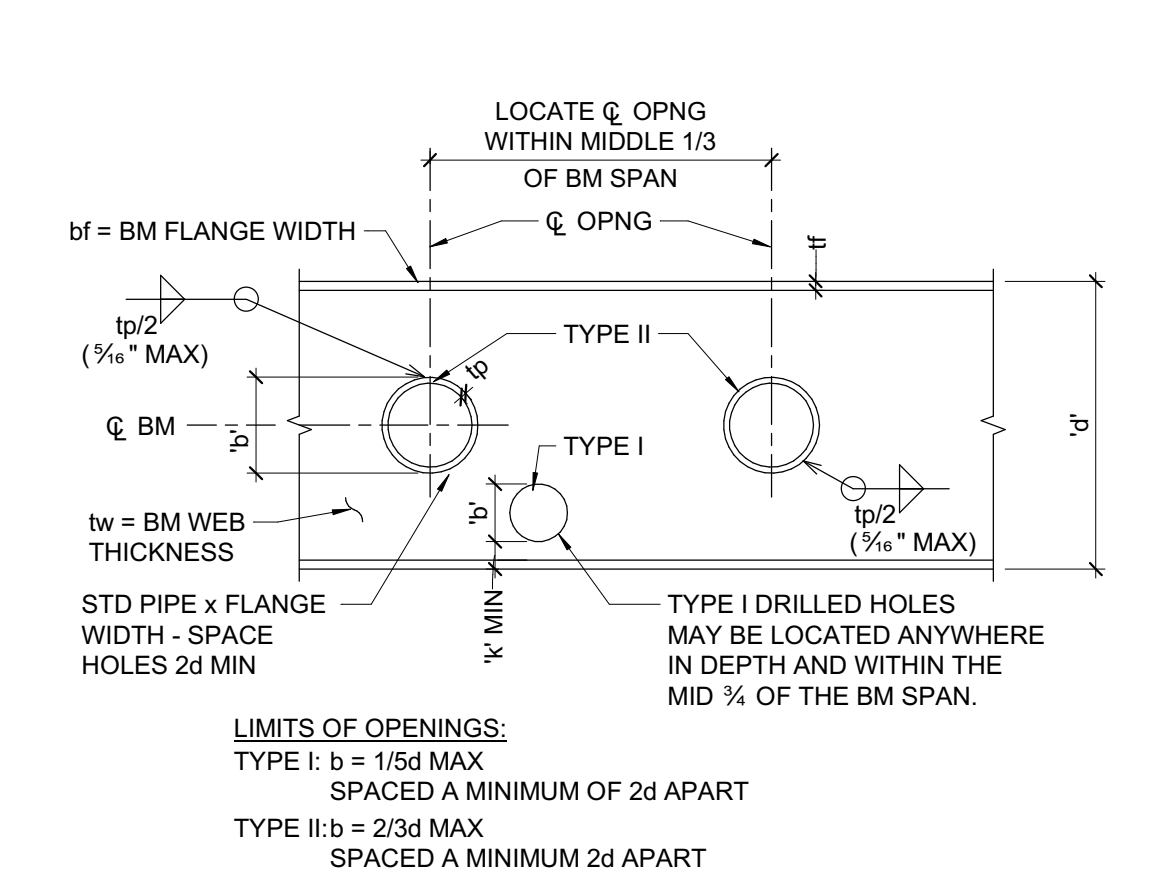
BEAM DEPTH	NO. BOLTS PER ROW	CONN. PLATE	WELD SIZE
W8, W10	2	3/8"	3/8"
W12	3	3/8"	3/8"

- NOTES:
- R = 1 1/2" SEE TYP CONNECTION DETAILS. BOLT SPACING AND EDGE DISTANCE SHALL CONFORM TO AISC SPECIFICATIONS.
  - HIGH STRENGTH BOLTS (HSB) ARE GRADE A325-N UNO. PREPARE MATING SURFACES & TIGHTEN "SNUG TIGHT" AS DEFINED IN THE SPECIFICATIONS. AT LINES MARKED "SFRS" (SEISMIC FORCE RESISTING SYSTEM) HSB AND MATING SURFACES ARE SLIP CRITICAL CLASS A, UNO.
  - USE ASTM A36 CONNECTION PLATES, UNO.
  - A COMPLETE PENETRATION BEVEL WELD MAY BE SUBSTITUTED FOR THE FILLET WELDS SPECIFIED.
  - HOLE SIZE = BOLT SIZE + 1/16" (BOLT SIZE + 1/8" FOR 1"Ø AND LARGER BOLTS). SHORT SLOTTED HOLES (+1/16" VERT, + 1/8" HORIZ) MAY BE SUBSTITUTED (EXCEPT AS NOTED) ROUND HOLES ARE REQUIRED AT SFRS CONNECTIONS.

1 3/8"Ø HIGH STRENGTH BOLT (HSB) CONNECTION SCHEDULE  
 3/4" = 1'-0"

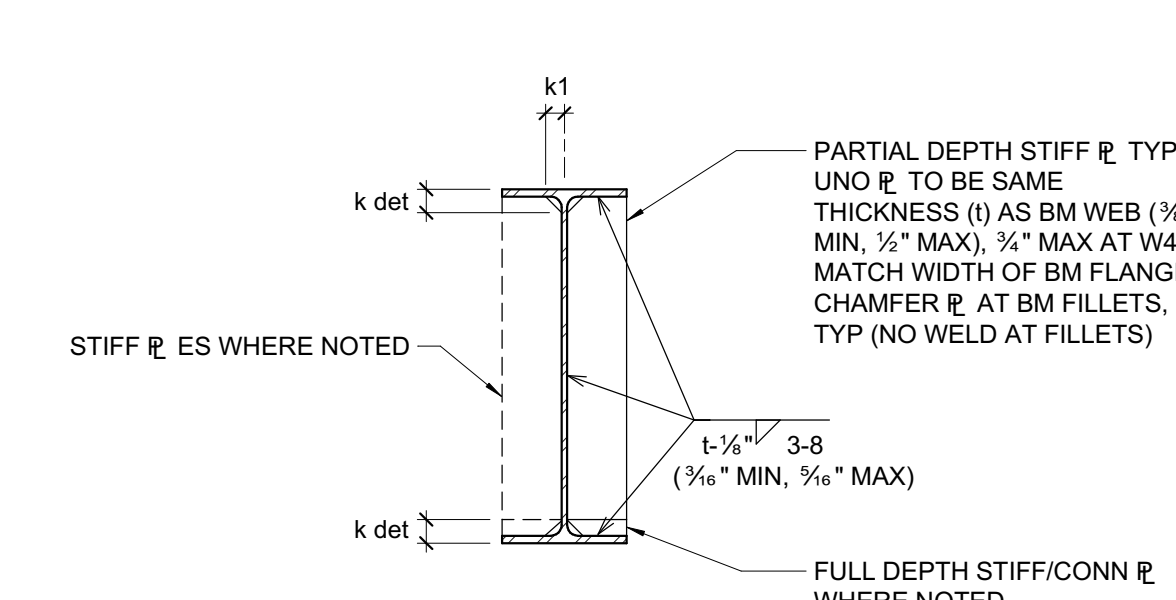


2 TYPICAL BEAM TO BEAM CONNECTION  
 3/4" = 1'-0"



- NOTES:
- PROVIDE HOLES IN BEAMS ONLY WHERE SPECIFICALLY SHOWN ON STRUCTURAL DRAWINGS.
  - DO NOT TORCH CUT OPENINGS ON SITE. TORCH CUT OPENINGS MADE IN SHOP TO BE GROUND SMOOTH. NO OVERCUTS OF ANY TYPE ALLOWED WITHOUT REPAIR.

3 OPENING IN STEEL BEAM  
 3/4" = 1'-0"



4 TYPICAL BEAM WEB STIFFENER PLATE DETAIL  
 3/4" = 1'-0"

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PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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 KENSINGTON, CA 94707  
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NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	9/27/2021
2	50% DESIGN DEVELOPMENT	11/19/2021
3	100% DESIGN DEVELOPMENT	12/17/2021
4	PERMIT SUBMITTAL	4/01/2022
5	PLAN CHECK COMMENTS	7/22/2022

JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
**FOUNDATION PLAN**

**S201**

MARK	B	H	LONGITUDINAL REINFORCEMENT				STIRRUPS AND TIES				
			BOTTOM		TOP		SPACING		REMARKS		
TYP	ADD	TYP	ADD	SIDE BARS	TYP	SIZE	S3	S4	LENGTH		
GB24	24"	24"	(3)-#5	-	(3)-#5	-	-	10"	10"	FULL	
GB24A	24"	30"	(4)-#8	-	(4)-#8	-	-	6"	10"	5'	135° HK ES
GB30	30"	30"	(5)-#6	-	(5)-#6	-	-	10"	10"	FULL	
GB24B	24"	24"	(3)-#5	-	(3)-#5	-	-	6"	10"	4'	135° HK ES
GB24C	24"	24"	(4)-#7	-	(4)-#7	-	-	10"	10"	FULL	
GB24D	24"	36"	(4)-#9	-	(4)-#9	-	-	4"	10"	5'	135° HK ES

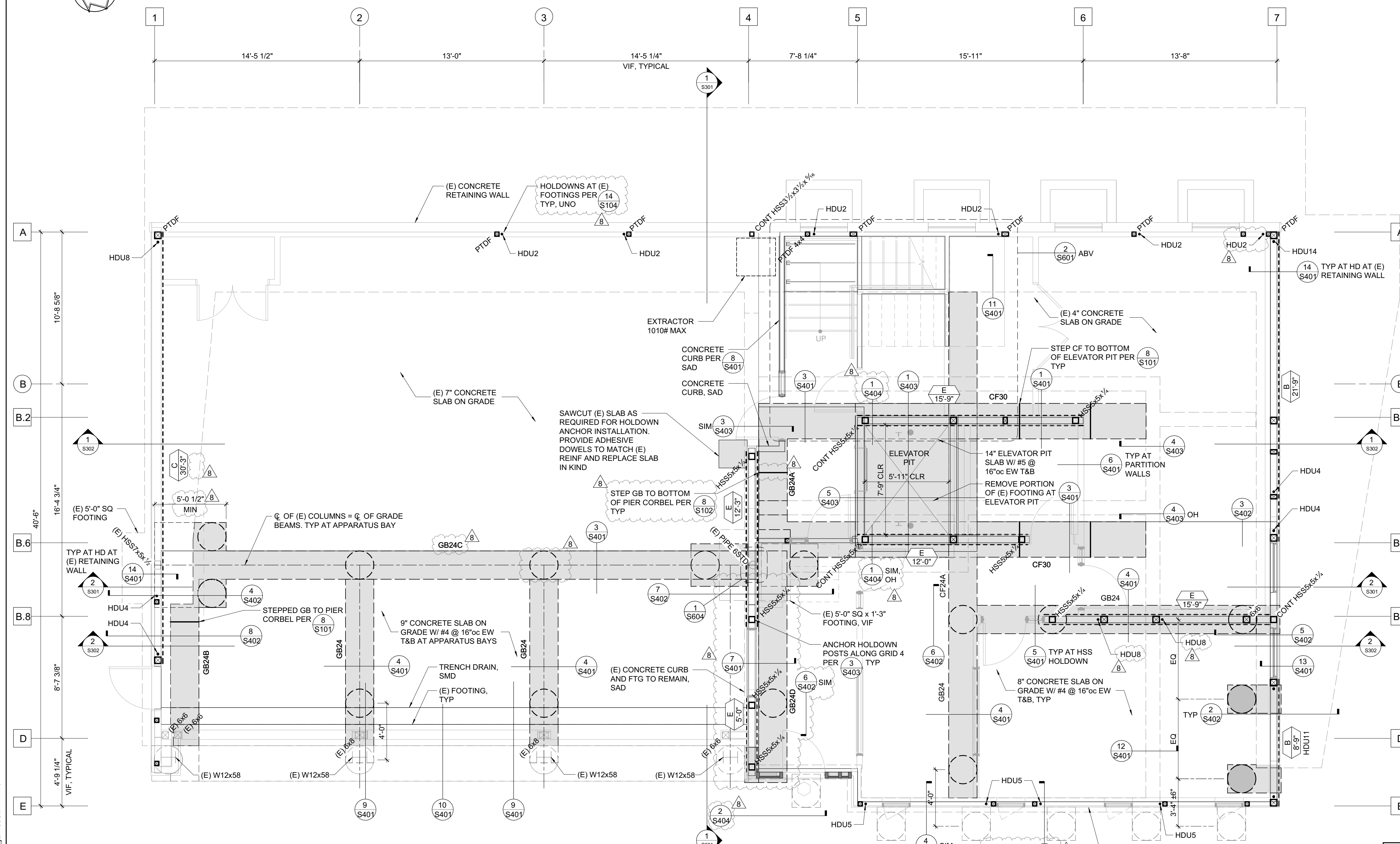
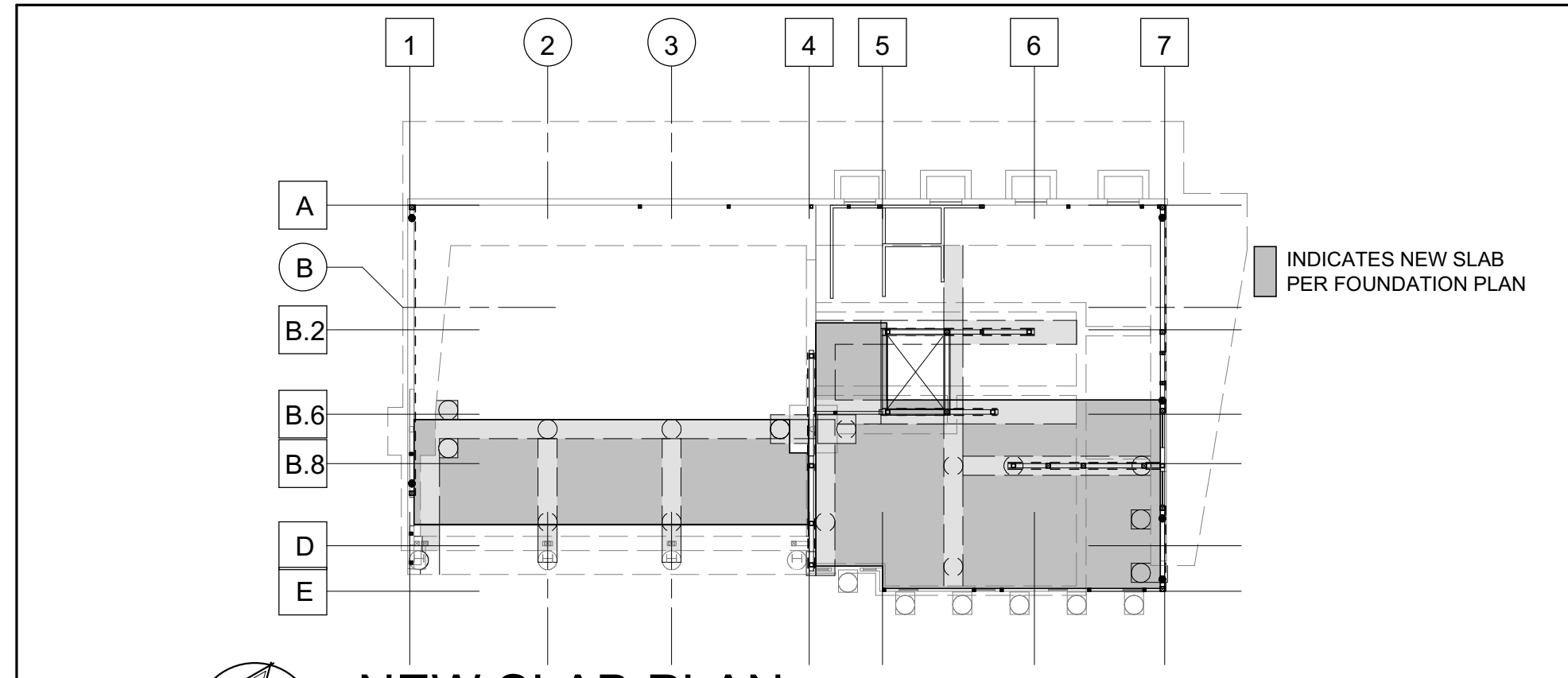
MARK	'b'	'd'	REINF 'a'	REMARKS
CF24	24"	24"	(4) #6 T&B	TYP UNO
CF24A	24"	52"	(3) #6 T&B	#3 STIRRUPS AT 12"oc
CF30	30"	30"	(5) #6 T&B	

- FOUNDATION PLAN NOTES:**
- REFER TO SHEETS S001, S101, S102, S103, S104 AND S105 FOR GENERAL NOTES AND TYPICAL DETAILS. THE FOLLOWING DETAIL REFERENCES ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. ALL GENERAL NOTES AND TYPICAL DETAIL SHEETS NOTED ABOVE ARE APPLICABLE AND SHALL BE FOLLOWED.
  - DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
  - SEE DETAILS FOR CURB LOCATIONS. COORDINATE WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. PROVIDE LONGER ANCHOR BOLTS AT CURBS PER C/S001.
  - ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS ON PLANS SHALL BE SHEATHED AS SHEAR WALL TYPE 'A' PER SHEAR WALL SCHEDULE, UNO.
  - PLUMBING AND ELECTRICAL CONDUIT AND GROUND STRAP SHALL NOT BE LAID WITHIN FOUNDATIONS. NO UTILITY PIPES OR CONDUITS SHALL BE LOCATED THRU COLUMN FOOTINGS OR FRAME FOOTINGS. NO PIPES OR CONDUITS THRU SILL PLATES SHALL BE WITHIN 12" OF HOLDOWN BOLTS. NO MECHANICAL, ELECTRICAL, OR PLUMBING OPENINGS SHALL BE LOCATED IN SHEAR WALLS UNLESS SHOWN AND DETAILED ON THE STRUCTURAL DRAWINGS. NO VERTICAL OR HORIZONTAL PIPES OR CONDUITS SHALL BE LOCATED THROUGH STEEL FRAMES, STEEL COLUMNS, OR STEEL BASE PLATES. PROVIDE FLURRING AND/OR THICKENED CONCRETE WHERE REQUIRED TO CLEAR UTILITY SYSTEMS. NOTIFY STRUCTURAL ENGINEER/ARCHITECT PRIOR TO ANY INSTALLATION NOT CONFORMING TO THESE DETAILS.

SYMBOL	REFERENCE DETAIL	DESCRIPTION
	1/S103	INDICATES STRUCTURAL WALL.
	7/S103 C/S002	INDICATES SHEAR WALL TYPE AND MINIMUM WALL LENGTH. SYMBOL LOCATION INDICATES SHEATHED FACE OF WALL UNLESS NOTED OTHERWISE.
	E/S001	INDICATES WOOD POST.
	8/S103	INDICATES POST WITH HOLDOWN. POSTS WITH HOLDOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE.
	6/S104	INDICATES STEEL COLUMN.
		INDICATES FOUNDATION.
	CF24	INDICATES CONTINUOUS FOOTING SIZE AND REINFORCING PER SCHEDULE.
	GB24	INDICATES GRADE BEAM SIZE AND REINFORCING PER SCHEDULE.
	88	INDICATES GRIDLINE AT FACE OF STUD.
	88	INDICATES GRIDLINE AT CENTERLINE OF COLUMN.
	1/S3.1	INDICATES ELEVATION.
		INDICATES EXISTING FOUNDATION.
		INDICATES EXISTING FRAMING.
		HATCHED REGION INDICATES NEW SLAB ON GRADE.
	1/S402	INDICATES 24"Ø DRILLED CONCRETE PIER. 12"-0" MIN EMBED INTO SHALE, 14"-0" MIN EMBED INTO SHALE AT APP BAY.
		INDICATES EXISTING CONCRETE PIER TO REMAIN.

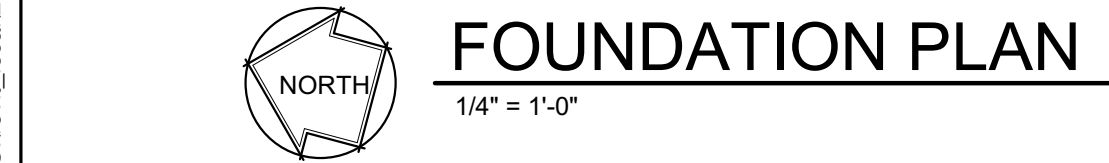
SW	APA RATED SHEATHING	NAILING (PEN)	ANCHORAGE				REMARKS
			1/2" BOLT FDN	AT FRAMING	A35	SDS *	
(A)	1/2" (32/16) EXP 1	10d @ 6"oc	32"oc	48"oc	6"oc	24"oc	16"oc
(B)	1/2" (32/16) EXP 1	10d @ 4"oc	24"oc	32"oc	4"oc	8"oc	8"oc
(C)	1/2" (32/16) EXP 1	10d @ 3"oc	16"oc	24"oc	3"oc	8"oc	8"oc
(D)	1/2" (32/16) STRUC 1	10d @ 2"oc	-	16"oc	3"oc	6"oc	6"oc
(E)	1/2" (32/16) STRUC 1 BOTH SIDES	10d @ 2"oc	-	12"oc	(2) ROWS @ 2"oc	6"oc	6"oc

\* 2x SILL: SDS 1/4"x4 1/2". 3x SILL: SDS 1/4"x6". FOR SDS @ 6"oc OR LESS, PROVIDE 4x BLK'S BLW. BY: ROSALINA ACUFF



**SPECIAL INSPECTION IS REQUIRED**  
 For a list of approved special inspection and testing agencies, visit <https://direc.to/hTtZ>  
 For list of required inspections, see pages: **S001**

NOTE: CONTRACTOR TO SHORE EXISTING STRUCTURE ABOVE PRIOR TO UNDERPINNING OF EXISTING FOUNDATIONS. INSTALL NEW FOUNDATIONS ON EACH SIDE OF THE EXISTING FOOTINGS IN SEPARATE SEQUENCES TO AVOID SETTLEMENT OF EXISTING FOUNDATIONS. CONTRACTOR TO SUBMIT SEQUENCING PLAN TO SEOR FOR REVIEW PRIOR TO ANY EXCAVATIONS.





STAMP

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LEDGER SPLICE SCHEDULE				
MARK	CASE	STRAP/PLATE	CASE	STRAP/PLATE
A	1	MSTA24	-	
B	1	MSTA30	-	
C	2	MST48	3	MST160
D	2	CMST14x5'-6"	3	CMST14x6'-0"
E	2	(2) MST48	4	2 1/4" W (6) 1" MB ES OF SPLICE
F	PROVIDE CONTINUOUS LEDGER. DO NOT SPLICE.			

TOP PLATE SPLICE SCHEDULE		
MARK	LAP SPLICE (CASE 1)	STRAP SPLICE (CASE 2)
A	(12) 16d PER 4'-0" MIN LAP	MSTC28
B	(22) 16d PER 4'-0" MIN LAP	MSTC40
C	(26) 16d PER 6'-0" MIN LAP	MSTC52
D	(32) 16d PER 6'-0" MIN LAP	MSTC66
E	(36) 16d PER 8'-0" MIN LAP	MSTC28 EA SIDE
F	(44) 16d PER 8'-0" MIN LAP	MSTC40 EA SIDE
G	(50) 16d PER 10'-0" MIN LAP	MSTC52 EA SIDE
H	PROVIDE CONTINUOUS TOP PLATE. DO NOT SPLICE.	

TIE STRAP SCHEDULE					
MARK	STRAP	MIN. NAILING ES OF *	MAX. NAIL SPACING (SEE NOTES #1 & #2)		MIN. END LENGTH (EL)
			CASE 1	CASE 2	
A	CS16	(10) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	12"
B	CS14	(13) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	16"
C	CMSTC16	(25) 10d	10d @ 3"oc STGR	FILL ALL NAIL HOLES	24"
D	CMST14	(33) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	32"
E	CMST12	(43) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	48"

- CASE 1 APPLIES UNLESS END LENGTH (EL) IS NOTED ON PLANS. WHERE END LENGTH (EL) IS NOTED, SEE CASE 2.
- AS REQUIRED, PROVIDE CLOSER NAIL SPACING TO MEET MINIMUM NAILING EACH SIDE OF \*.

**FRAMING PLAN NOTES:**

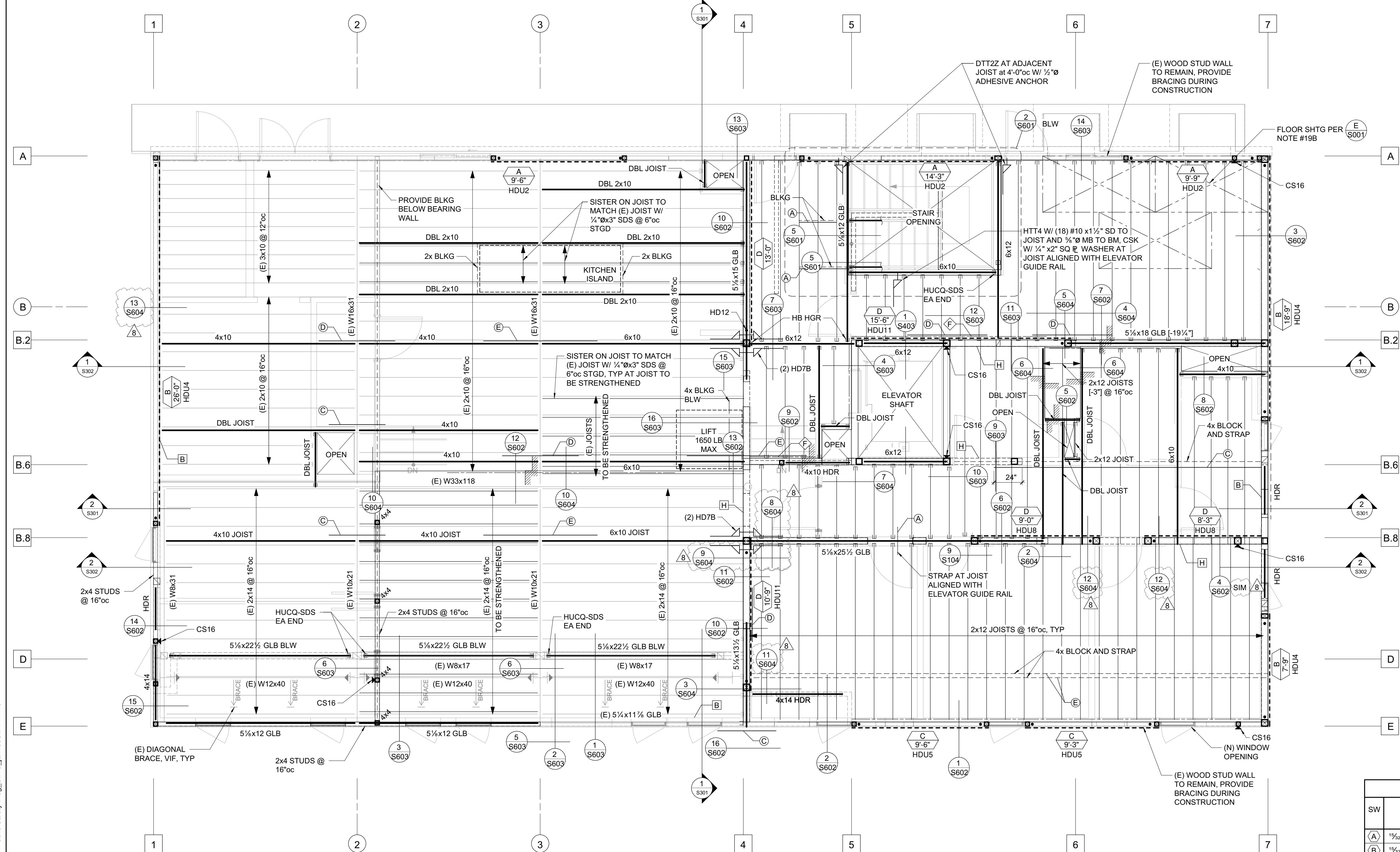
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  - PENETRATIONS THROUGH SHEAR WALLS SHALL BE PER 6/S103
  - PENETRATIONS THROUGH FLOORS/ROOFS SHALL BE PER 5/S103
- DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- MECHANICAL, ELECTRICAL AND PLUMBING PENETRATIONS THROUGH WALLS, ROOFS OR FLOORS SHALL BE PER REFERENCES BELOW UNLESS SHOWN AND DETAILED OTHERWISE ON THE STRUCTURAL PLANS. NOTIFY ARCHITECT/ENGINEER PRIOR TO ANY INSTALLATION NOT CONFORMING TO THESE DETAILS.
- ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS ON PLANS (INCLUDING WALLS ADJACENT TO SEISMIC GAPS) SHALL BE SHEATHED AS SHEAR WALL TYPE 'A' PER SHEAR WALL SCHEDULE, UNLESS NOTED OTHERWISE.
- ELEVATIONS ON PLANS AND DETAILS ARE TO HEIGHTS ABOVE FINISHED GROUND FLOOR ELEVATION REFERENCE 0'-0". COORDINATE TOP OF FRAMING AND LEDGER HEIGHTS AS REQUIRED TO PROVIDE ROOF SLOPES AS SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- TYPICAL STRUCTURAL WALL BLOCKING FOR ALL GRAB BAR, HANDRAIL, SHOWER SEAT AND OTHER ARCHITECTURAL (A), MECHANICAL (M), ELECTRICAL (E), PLUMBING (P) ATTACHMENTS SHALL BE 4x MINIMUM x WALL WIDTH STUD BLOCKS WITH A34 TOP AND BOTTOM, EACH END TYPICAL.

**PLAN LEGEND**

SYMBOL	REFERENCE DETAIL	DESCRIPTION
—	1/S103	INDICATES STRUCTURAL WALL.
---	1/S103	INDICATES STRUCTURAL WALL, BELOW.
—A—	7/S103 C/S002	INDICATES SHEAR WALL TYPE AND MINIMUM WALL LENGTH. SYMBOL LOCATION INDICATES SHEATHED FACE OF WALL UNLESS NOTED OTHERWISE.
□	E/S001	INDICATES WOOD POST.
□•	10/S104	INDICATES POST WITH HOLDDOWN. POSTS WITH HOLDDOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE.
○ □ I	6/S104	INDICATES STEEL COLUMN.
3x12 GLB C-1"	E/S001	INDICATES GLULAM BEAM SIZE AND CAMBER. WHERE NO CAMBER IS SPECIFIED SEE WOOD FRAMING NOTES FOR TYPICAL GLULAM BEAM CAMBER.
----	11/S103	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
—	E/S001	INDICATES HANGER.
—		INDICATES LEDGER. SEE PLAN FOR SIZE AND ANCHORAGE.
88		INDICATES GRIDLINE AT FACE OF STUD.
88		INDICATES GRIDLINE AT CENTERLINE OF COLUMN.
1 S3.1		INDICATES ELEVATION.
MU 1,000#	7/S104	INDICATES APPROXIMATE LOCATION, SIZE AND MAXIMUM WEIGHT OF MECHANICAL UNIT. SEE MECHANICAL DRAWINGS FOR ANCHORAGE AND ADDITIONAL INFORMATION.
///		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
□		INDICATES EXISTING FRAMING.
—A—	1/S104	INDICATES TOP PLATE SPLICE. SPLICE TYPE SHALL OCCUR ALONG THE ENTIRE LENGTH OF THE WALL. UNO. PROVIDE SPLICE TYPE 'A' IF NOT NOTED ON PLANS.
—A—	2/S104	INDICATES LEDGER/RIM SPLICE. SPLICE TYPE SHALL OCCUR ALONG THE ENTIRE LENGTH OF THE WALL. UNO. PROVIDE SPLICE TYPE 'A' IF NOT NOTED ON PLANS.
—A 4'-0"	3/S104	INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.
—STRAP	12/S104	INDICATES POST WITH VERTICAL STRAP. POSTS WITH STRAP ARE FULL HEIGHT FROM SILL TO TOP PLATE.

SHEAR WALL SCHEDULE						
SW	APA RATED SHEATHING	NAILING (PEN)	ANCHORAGE			REMARKS
			1/2" BOLT FDN	AT FRAMING	REMARKS	
A	1/2" (32/16) EXP 1	10d @ 6"oc	32"oc	48"oc	6"oc	24"oc 18"oc DIVISION
B	1/2" (32/16) EXP 1	10d @ 4"oc	24"oc	32"oc	4"oc	16"oc 12"oc DIVISION
C	1/2" (32/16) EXP 1	10d @ 3"oc	16"oc	24"oc	4"oc	12"oc 8"oc DIVISION
D	1/2" (32/16) STRUC 1	10d @ 2"oc	-	16"oc	(2) ROWS @ 4"oc	8"oc 4"oc DIVISION
E	1/2" (32/16) STRUC 1 BOTH SIDES	10d @ 2"oc	-	12"oc	(2) ROWS @ 4"oc	8"oc 4"oc DIVISION

\* 2x SILL: SDS 1/4"x4". 3x SILL: SDS 1/4"x6". FOR SDS @ 6"oc OR LESS, PROVIDE 4x BLKG BLW.



**SECOND FLOOR FRAMING PLAN**

1/4" = 1'-0"



JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

**SECOND FLOOR FRAMING PLAN**

**S202**

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**Structural Reviewed**  
 By: Kristin Palenchar  
 8/29 am, Aug 05, 2022



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  - MECHANICAL, ELECTRICAL AND PLUMBING PENETRATIONS THROUGH WALLS, ROOFS OR FLOORS SHALL BE PER REFERENCES BELOW UNLESS SHOWN AND DETAILED OTHERWISE ON THE STRUCTURAL PLANS. NOTIFY ARCHITECT/ENGINEER PRIOR TO ANY INSTALLATION NOT CONFORMING TO THESE DETAILS.  
 PENETRATIONS THROUGH SHEAR WALLS SHALL BE PER 6/S103  
 PENETRATIONS THROUGH FLOORS/ROOFS SHALL BE PER 5/S103
  - ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALLS ON PLANS (INCLUDING WALLS ADJACENT TO SEISMIC GAPS) SHALL BE SHEATHED AS SHEAR WALL TYPE 'A' PER SHEAR WALL SCHEDULE, UNLESS NOTED OTHERWISE.
  - ELEVATIONS ON PLANS AND DETAILS ARE TO HEIGHTS ABOVE FINISHED GROUND FLOOR ELEVATION REFERENCE 0'-0". COORDINATE TOP OF FRAMING AND LEDGER HEIGHTS AS REQUIRED TO PROVIDE ROOF SLOPES AS SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
  - TYPICAL STRUCTURAL WALL BLOCKING FOR ALL GRAB BAR, HANDRAIL, SHOWER SEAT AND OTHER ARCHITECTURAL (A), MECHANICAL (M), ELECTRICAL (E), PLUMBING (P) ATTACHMENTS SHALL BE 4x MINIMUM x WALL WIDTH STUD BLOCKS WITH A34 TOP AND BOTTOM, EACH END TYPICAL.

**LEDGER SPLICE SCHEDULE**

MARK	CASE	STRAP/PLATE	CASE	STRAP/PLATE
A	1	MSTA24	-	
B	1	MSTA30	-	
C	2	MST148	3	MST160
D	2	CMST14x5'-6"	3	CMST14x6'-0"
E	2	(2) MST148	4	2 1/2" W (6) 1" Ø MB ES OF SPLICE
F	PROVIDE CONTINUOUS LEDGER. DO NOT SPLICE.			

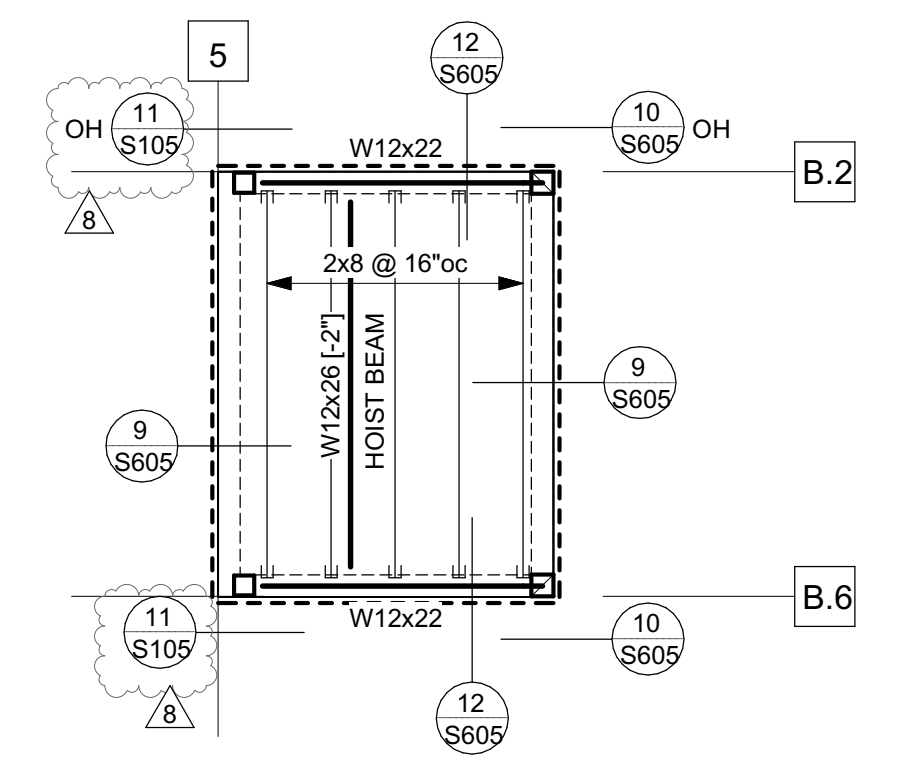
**TOP PLATE SPLICE SCHEDULE**

MARK	LAP SPLICE (CASE 1)	STRAP SPLICE (CASE 2)
A	(12) 16d PER 4'-0" MIN LAP	MSTC28
B	(22) 16d PER 4'-0" MIN LAP	MSTC40
C	(26) 16d PER 6'-0" MIN LAP	MSTC52
D	(32) 16d PER 6'-0" MIN LAP	MSTC66
E	(36) 16d PER 8'-0" MIN LAP	MSTC28 EA SIDE
F	(44) 16d PER 8'-0" MIN LAP	MSTC40 EA SIDE
G	(50) 16d PER 10'-0" MIN LAP	MSTC52 EA SIDE
H	PROVIDE CONTINUOUS TOP PLATE. DO NOT SPLICE.	

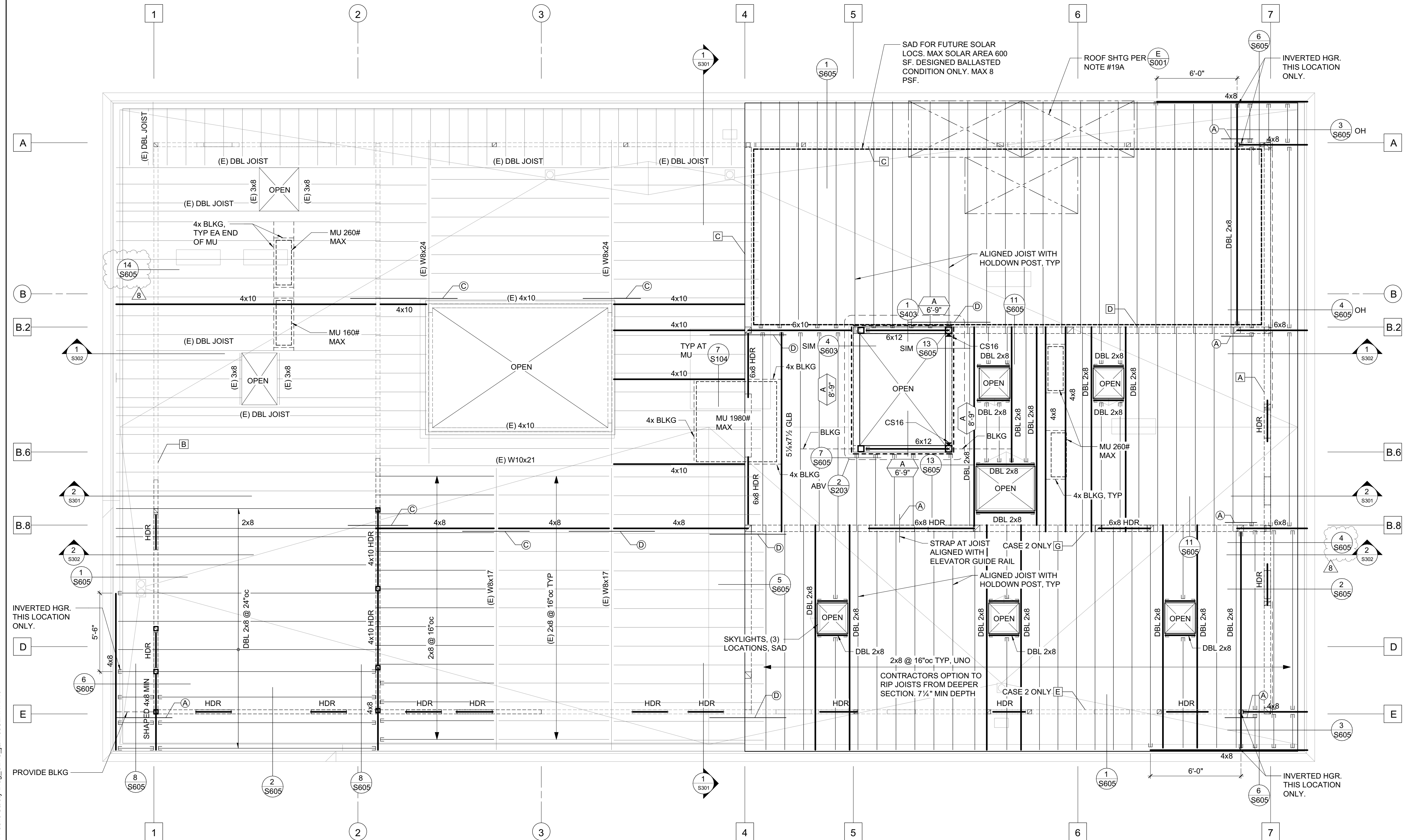
**TIE STRAP SCHEDULE**

MARK	STRAP	MIN. NAILING ES OF *	MAX. NAIL SPACING (SEE NOTES #1 & #2)		MIN. END LENGTH (EL)	
			CASE 1	CASE 2		
A	CS16	(10) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	10d @ 4"oc STGR	12"
B	CS14	(13) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	10d @ 4"oc STGR	16"
C	CMSTC16	(25) 10d	10d @ 3"oc STGR	FILL ALL NAIL HOLES	10d @ 3"oc STGR	24"
D	CMST14	(33) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	10d @ 3 1/2"oc STGR	32"
E	CMST12	(43) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	10d @ 3 1/2"oc STGR	48"

- CASE 1 APPLIES UNLESS END LENGTH (EL) IS NOTED ON PLANS. WHERE END LENGTH (EL) IS NOTED, SEE CASE 2.
- AS REQUIRED, PROVIDE CLOSER NAIL SPACING TO MEET MINIMUM NAILING EACH SIDE OF \*



**2 HIGH ROOF FRAMING PLAN**  
 1/4" = 1'-0"



**PLAN LEGEND**

SYMBOL	REFERENCE DETAIL	DESCRIPTION
—	1/S103	INDICATES STRUCTURAL WALL.
---	1/S103	INDICATES STRUCTURAL WALL, BELOW.
--- ---	7/S103 C/S002	INDICATES SHEAR WALL TYPE AND MINIMUM WALL LENGTH. SYMBOL LOCATION INDICATES SHEATHED FACE OF WALL UNLESS NOTED OTHERWISE.
⊠	E/S001	INDICATES WOOD POST.
⊠•	10/S104	INDICATES POST WITH HOLDDOWN. POSTS WITH HOLDDOWN ARE FULL HEIGHT FROM SILL TO TOP PLATE.
○ □ ⊥	6/S104	INDICATES STEEL COLUMN.
3x12 GLB C-1"	E/S001	INDICATES GLULAM BEAM SIZE AND CAMBER. WHERE NO CAMBER IS SPECIFIED SEE WOOD FRAMING NOTES FOR TYPICAL GLULAM BEAM CAMBER.
----	11/S103	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
—	E/S001	INDICATES HANGER.
---		INDICATES LEDGER. SEE PLAN FOR SIZE AND ANCHORAGE.
⊠	88	INDICATES GRIDLINE AT FACE OF STUD.
⊠	88	INDICATES GRIDLINE AT CENTERLINE OF COLUMN.
⊠	1 S3.1	INDICATES ELEVATION.
MU 1,000#	7/S104	INDICATES APPROXIMATE LOCATION, SIZE AND MAXIMUM WEIGHT OF MECHANICAL UNIT. SEE MECHANICAL DRAWINGS FOR ANCHORAGE AND ADDITIONAL INFORMATION.
▨		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
⊠		INDICATES EXISTING FRAMING.
— —	1/S104	INDICATES TOP PLATE SPLICE. SPLICE TYPE SHALL OCCUR ALONG THE ENTIRE LENGTH OF THE WALL. UNO. PROVIDE SPLICE TYPE 'A' IF NOT NOTED ON PLANS.
— —	2/S104	INDICATES LEDGER/RIM SPLICE. SPLICE TYPE SHALL OCCUR ALONG THE ENTIRE LENGTH OF THE WALL. UNO. PROVIDE SPLICE TYPE 'A' IF NOT NOTED ON PLANS.
— —	3/S104	INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.
⊠	12/S104	INDICATES POST WITH VERTICAL STRAP. POSTS WITH STRAP ARE FULL HEIGHT FROM SILL TO TOP PLATE.

NO.	DESCRIPTION	DATE
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4	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PERMIT SUBMITTAL	4/01/2022
8	PLAN CHECK COMMENTS	7/22/2022

JOB NO.  
 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**ROOF FRAMING PLAN**

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER:  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:11 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES. THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD PERMIT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

**ROOF FRAMING PLAN**  
 1/4" = 1'-0"

**S203**

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7/22/2022 1:09:49 PM



STAMP



PROJECT ADDRESS

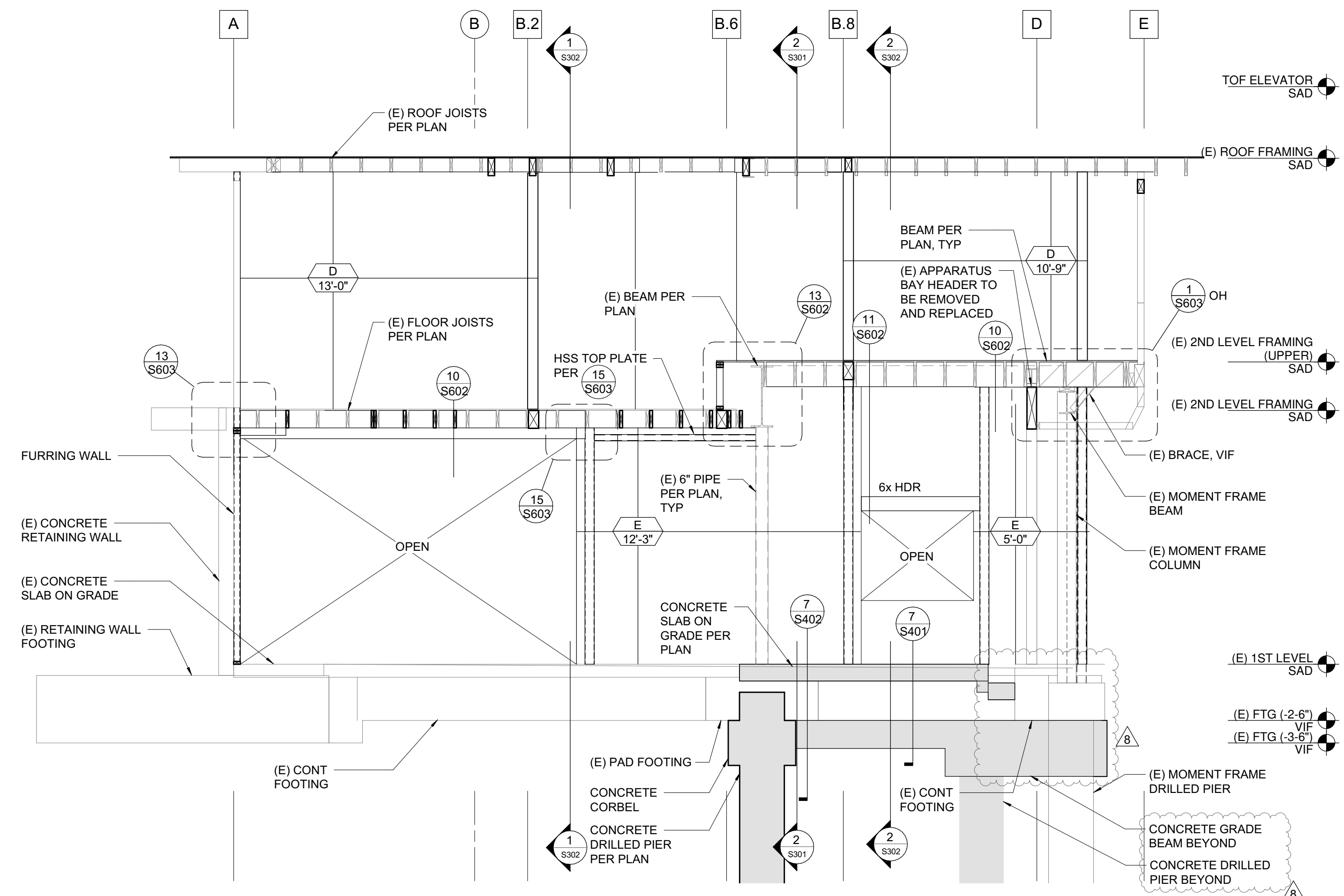
217 ARLINGTON AVE.  
 KENSINGTON, CA 94707

PROJECT TEAM

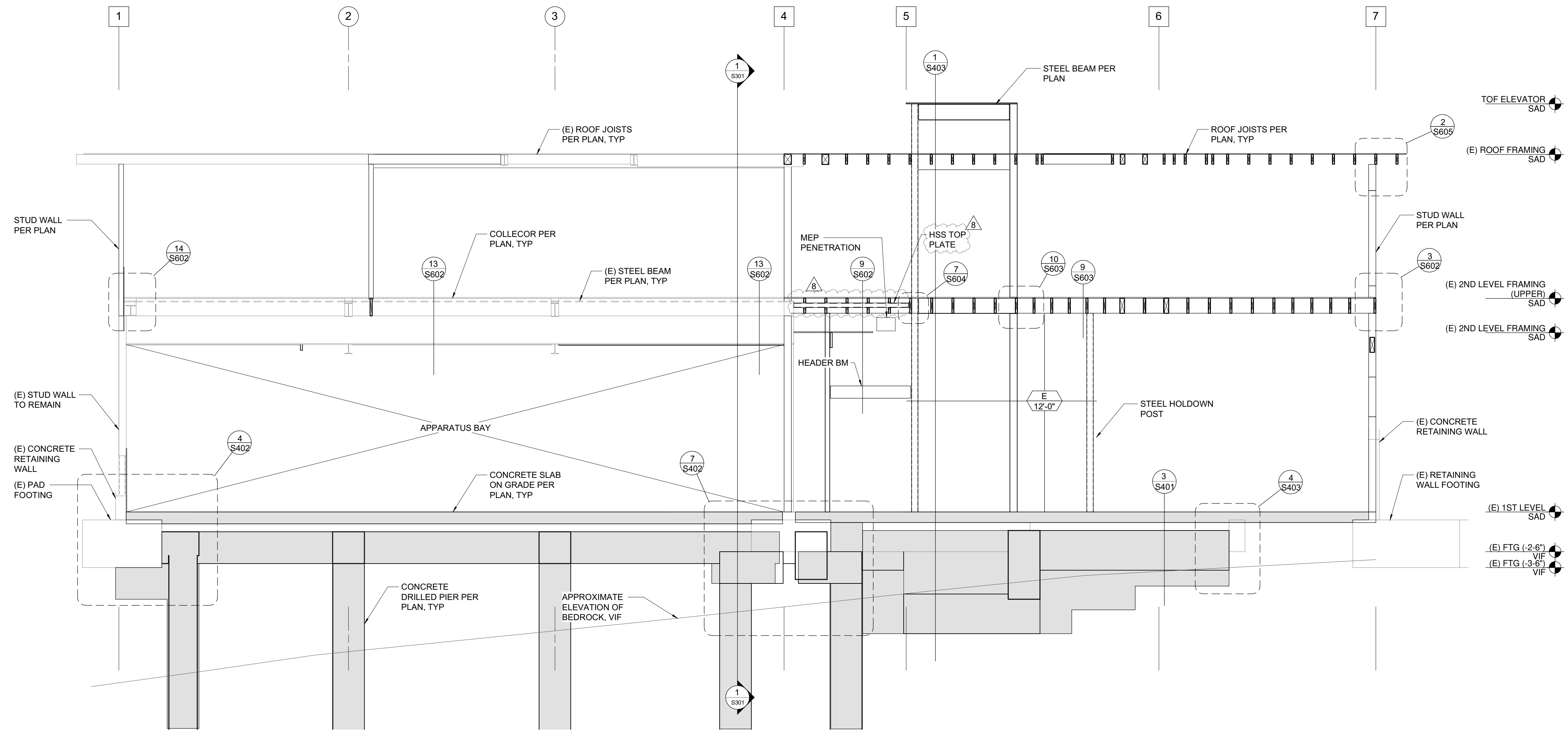
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064
- ARCHITECT: MARJIANG ARCHITECTURE  
 830 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600
- STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869
- CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200
- GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544
- MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390
- AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140
- ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

FRAME ELEVATION NOTES:

- ELEVATIONS ARE SCHEMATIC. SEE PLANS FOR ADDITIONAL INFORMATION.
- SEE PLANS FOR ALL COLUMN AND BEAM SIZES.



1 SECTION AT GRID 4  
 1/4" = 1'-0"



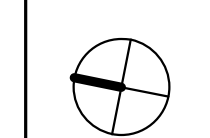
2 SECTION AT GRID B.6  
 1/4" = 1'-0"

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JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 ELEVATIONS &  
 SECTIONS

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER: BICA22-004407  
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 By: ROSALINA ACUFF



S301



STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

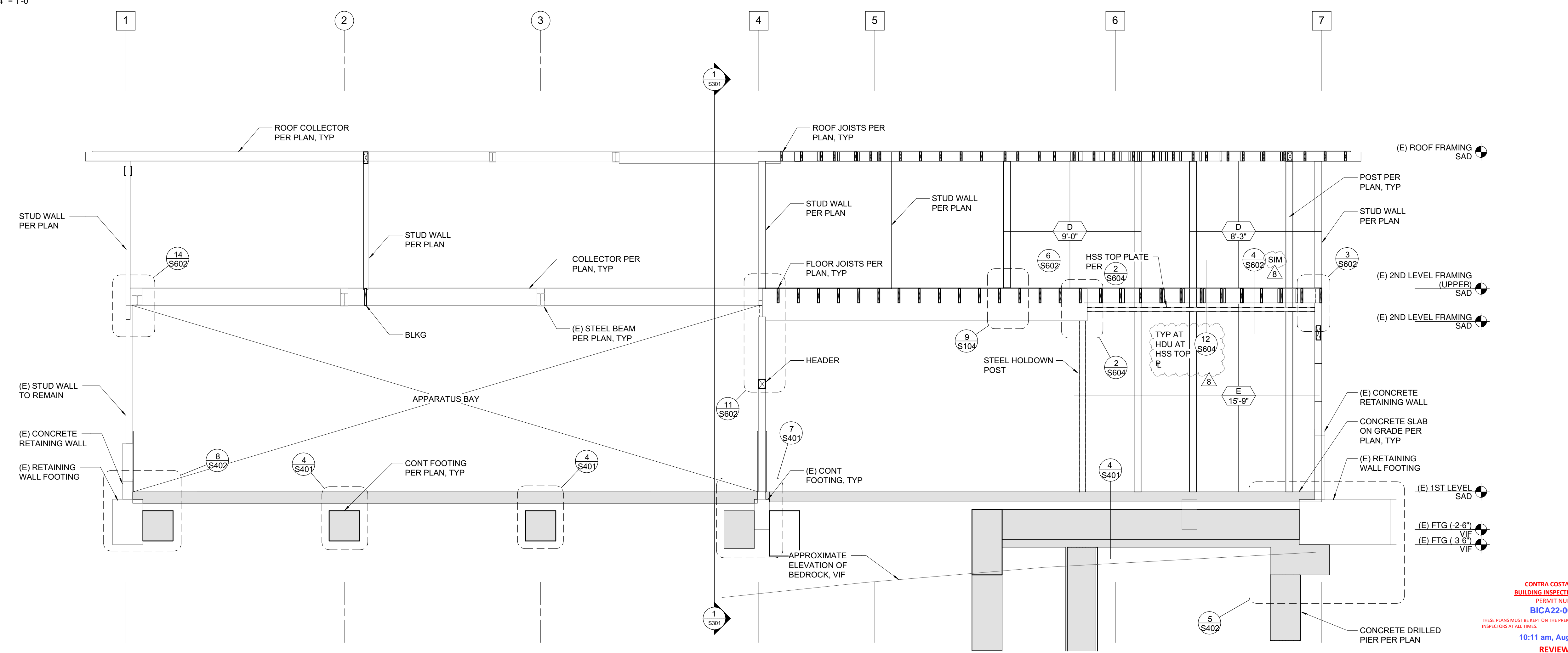
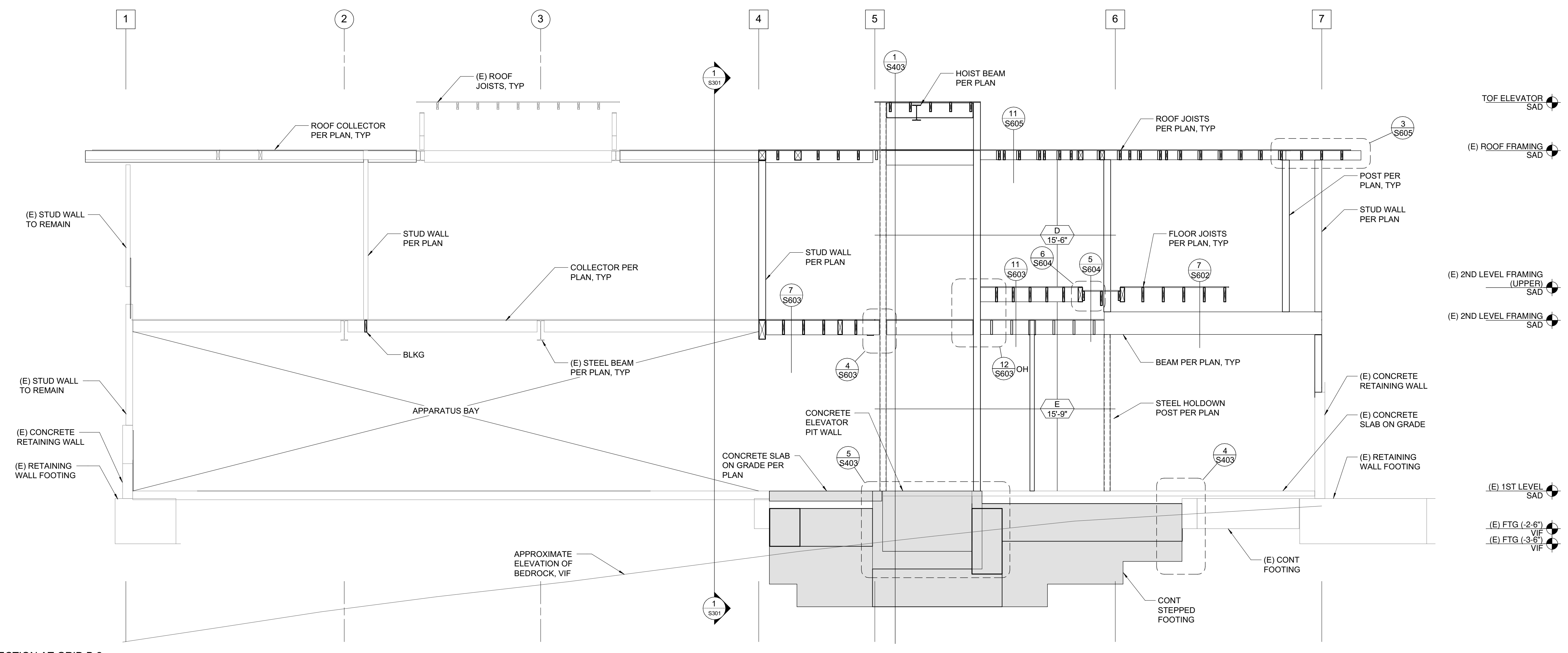
PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE.  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064  
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 SAN FRANCISCO, CA 94110  
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8	PLAN CHECK COMMENTS	7/22/2022

JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
**ELEVATIONS & SECTIONS**

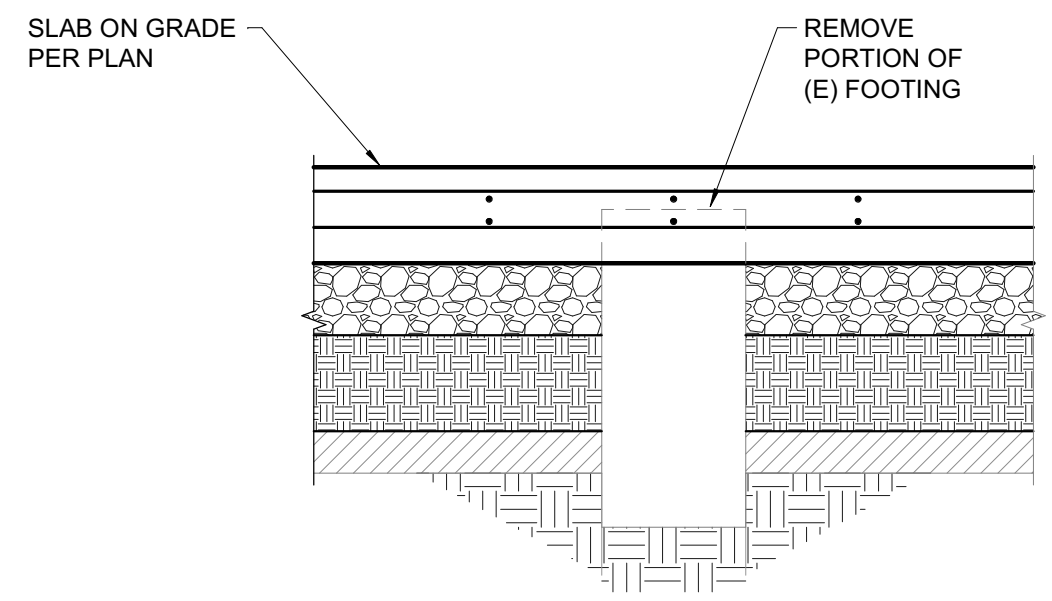
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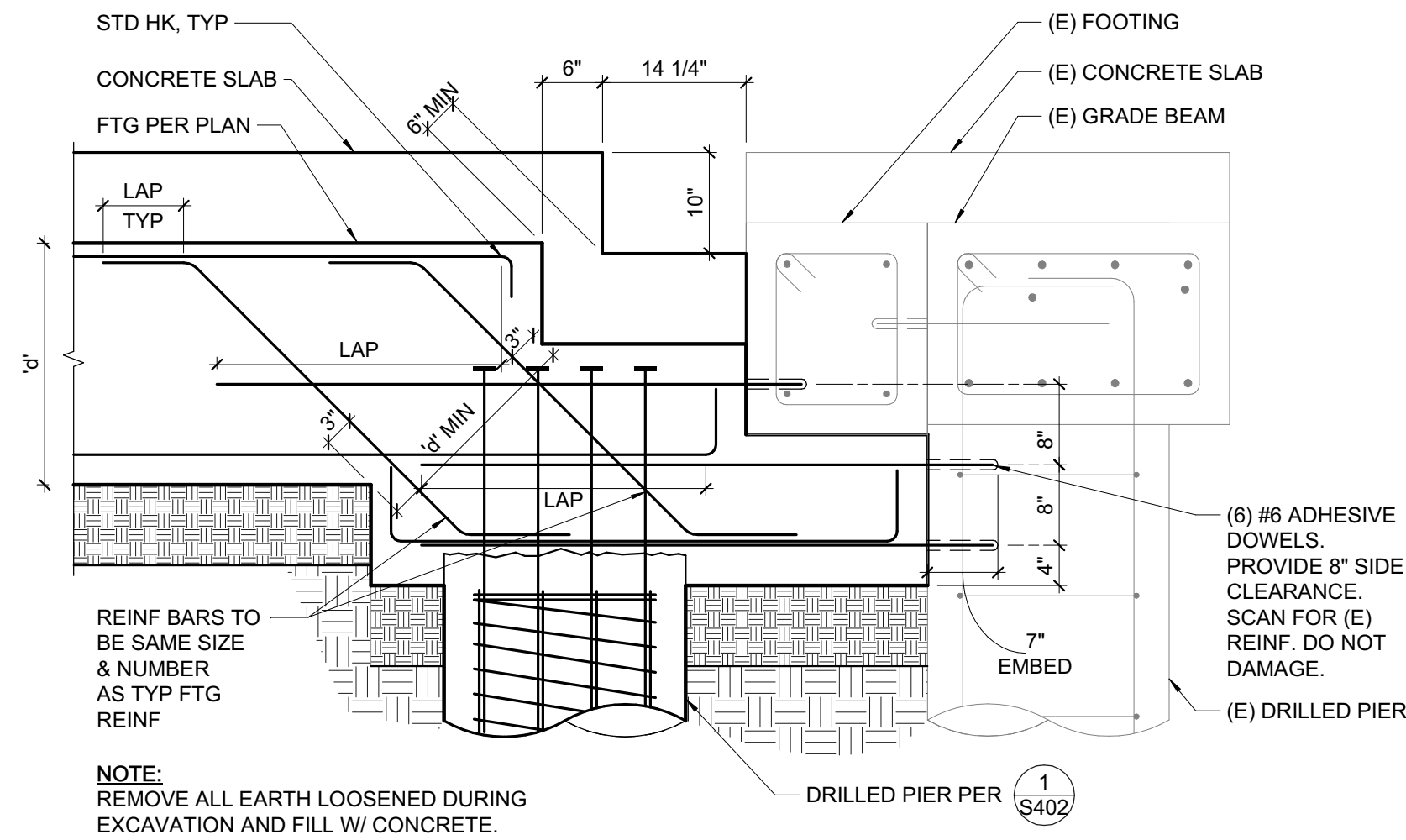
CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER: BICA22-004407  
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 By: ROSALINA ACUÑA

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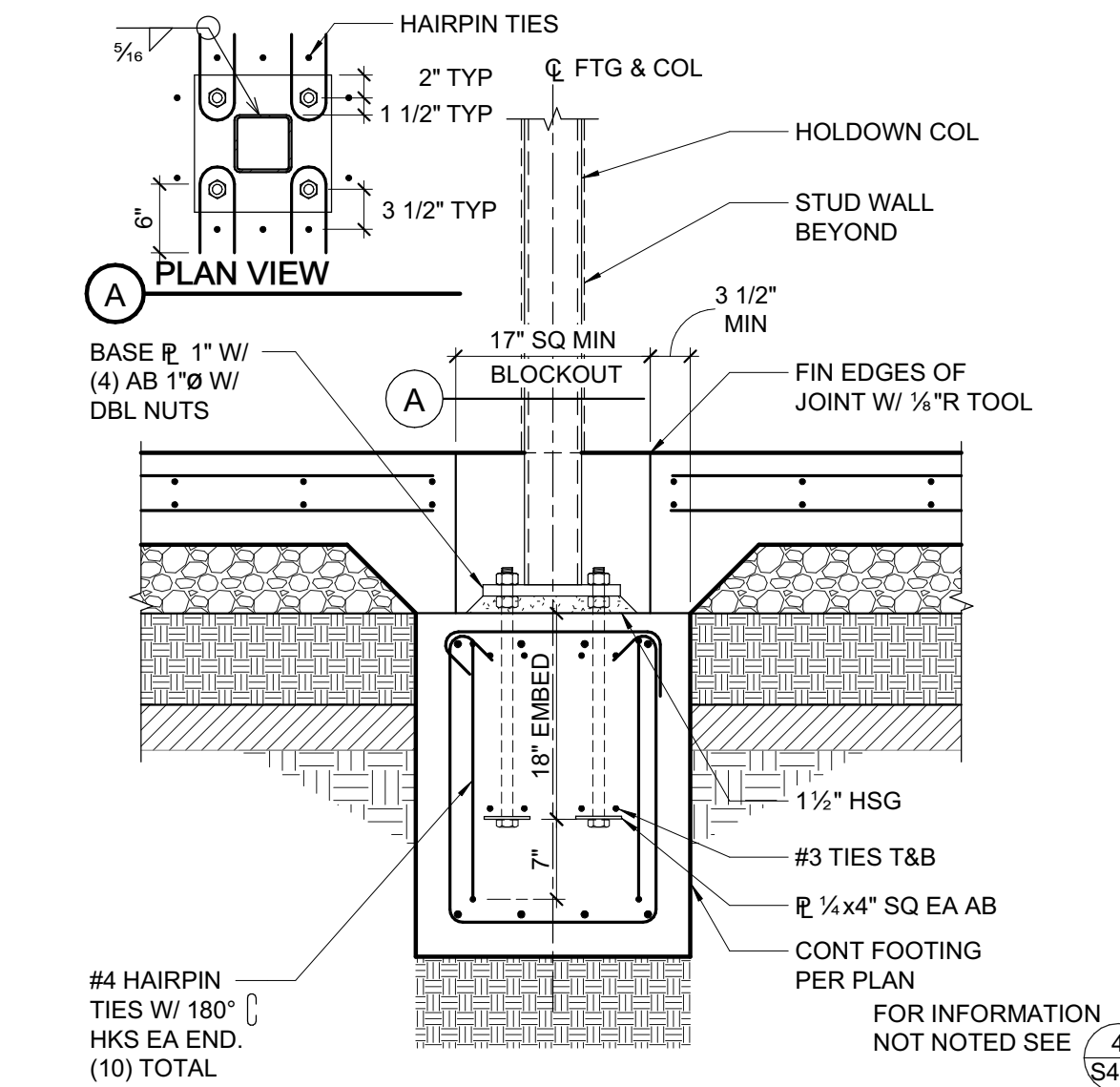
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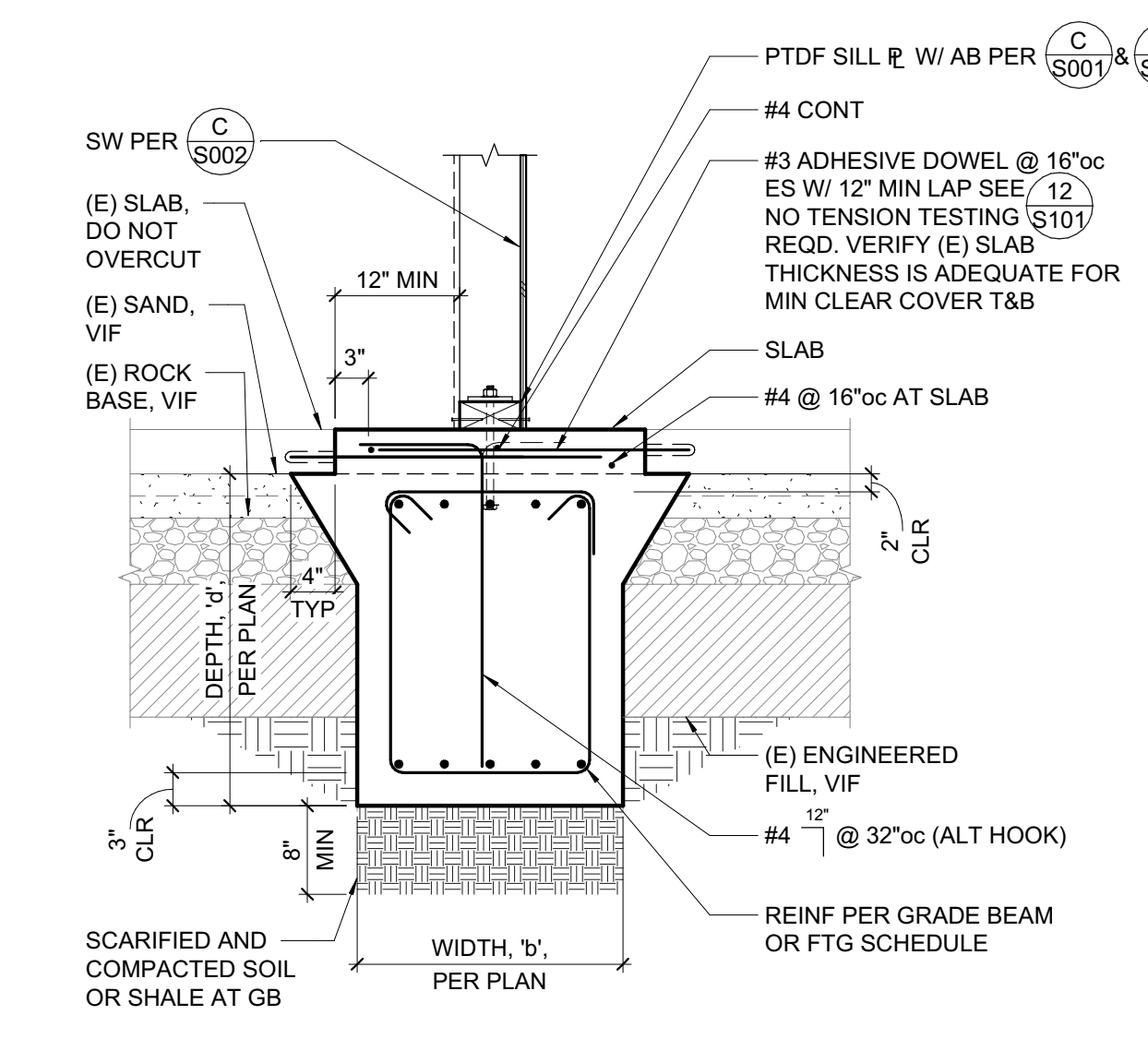
12 NEW SLAB ON GRADE AT ABANDONED EXISTING FOOTING  
3/4" = 1'-0"



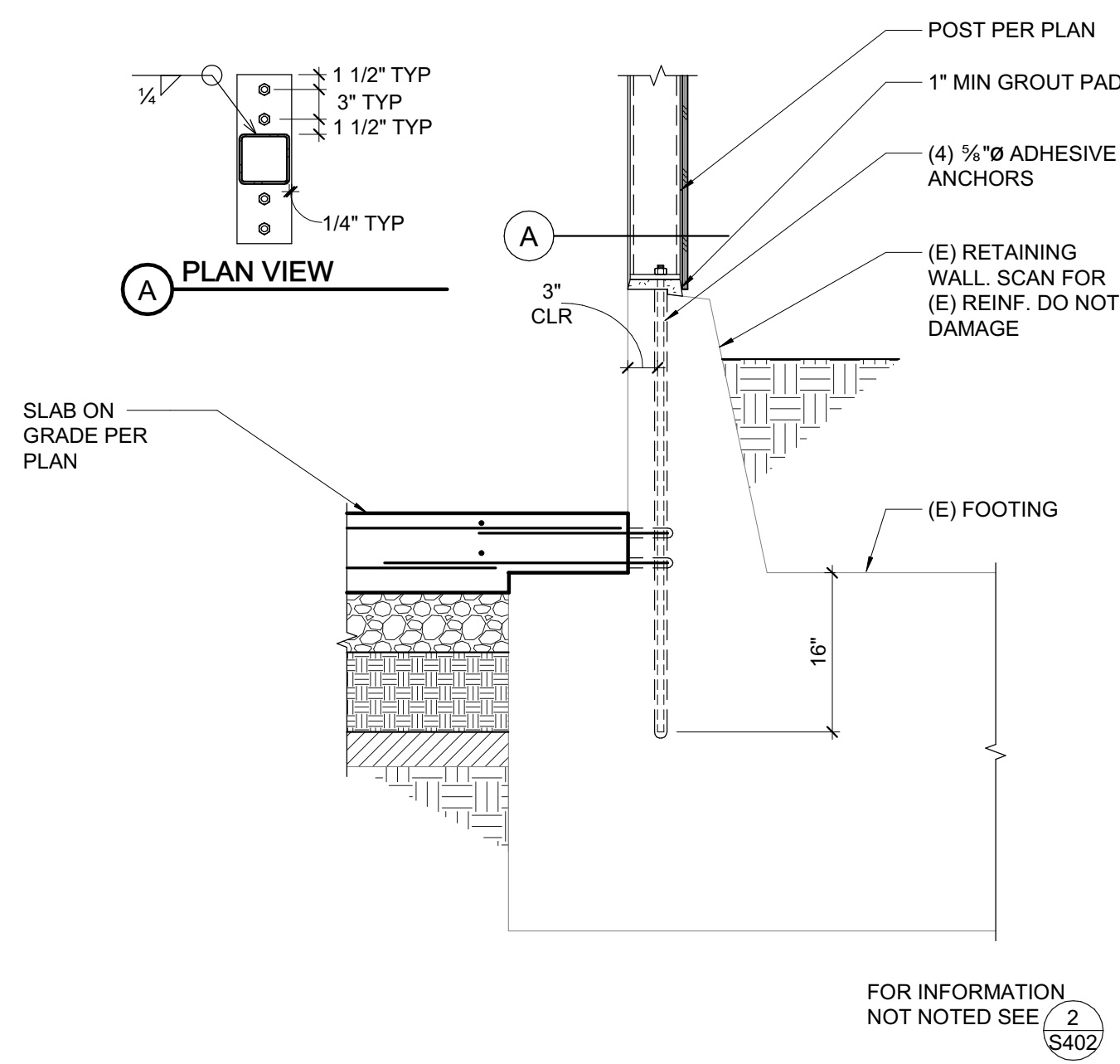
9 SECTION AT TRENCH DRAIN  
3/4" = 1'-0"



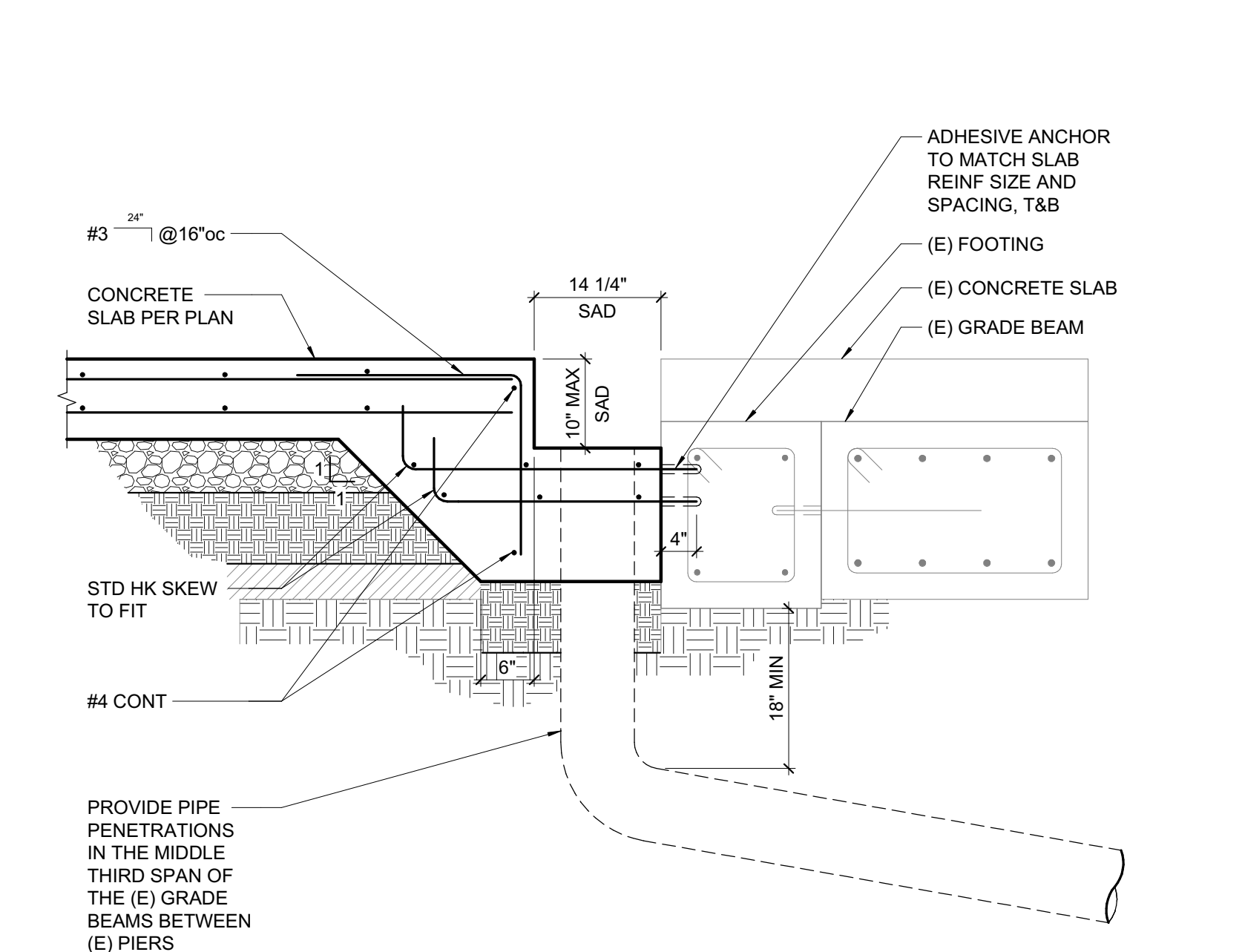
5 HSS COLUMN AT CONTINUOUS FOOTING  
3/4" = 1'-0"



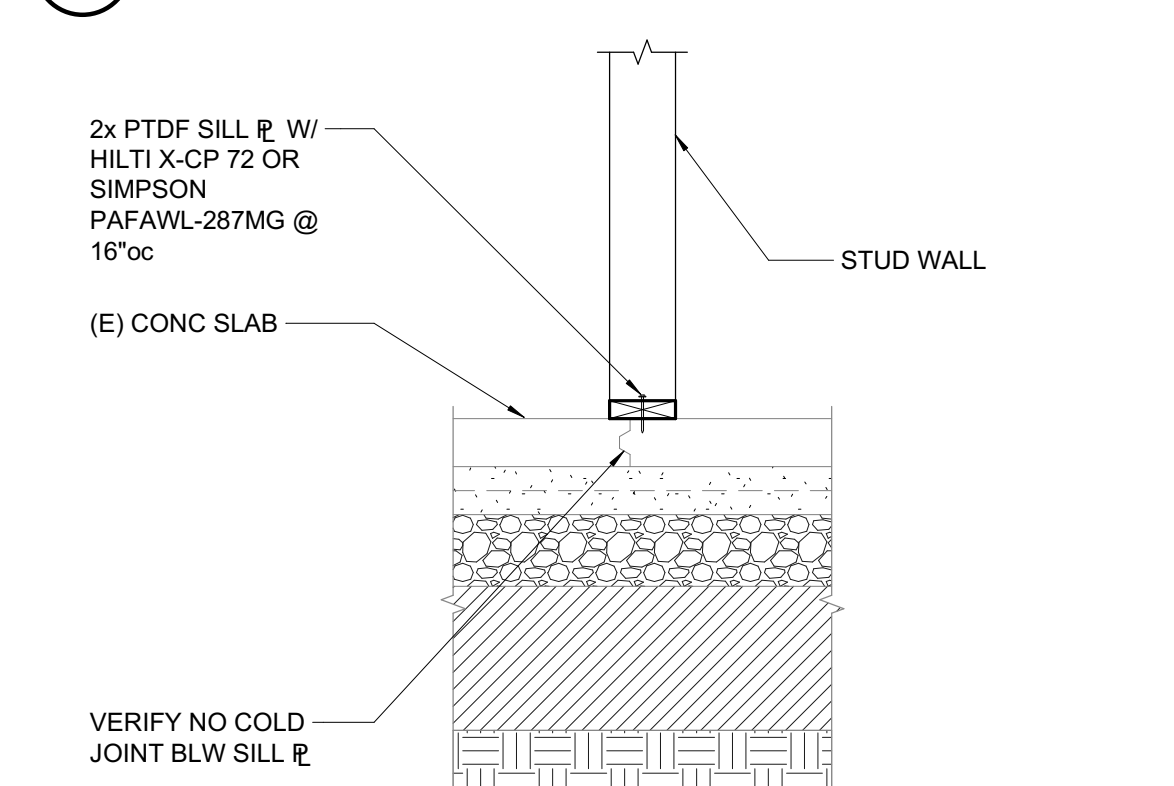
1 GRADE BEAM AT EXISTING SLAB  
3/4" = 1'-0"



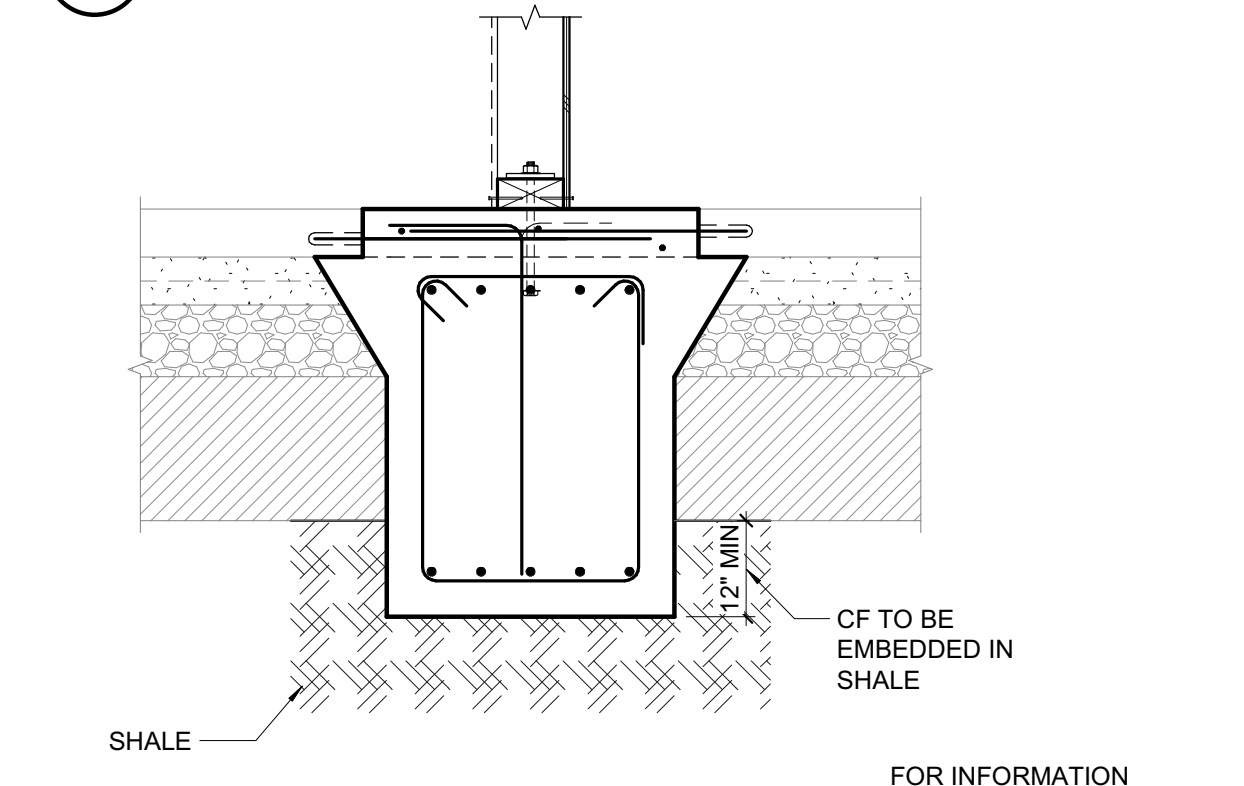
13 STEEL POST AT EXISTING RETAINING WALL  
3/4" = 1'-0"



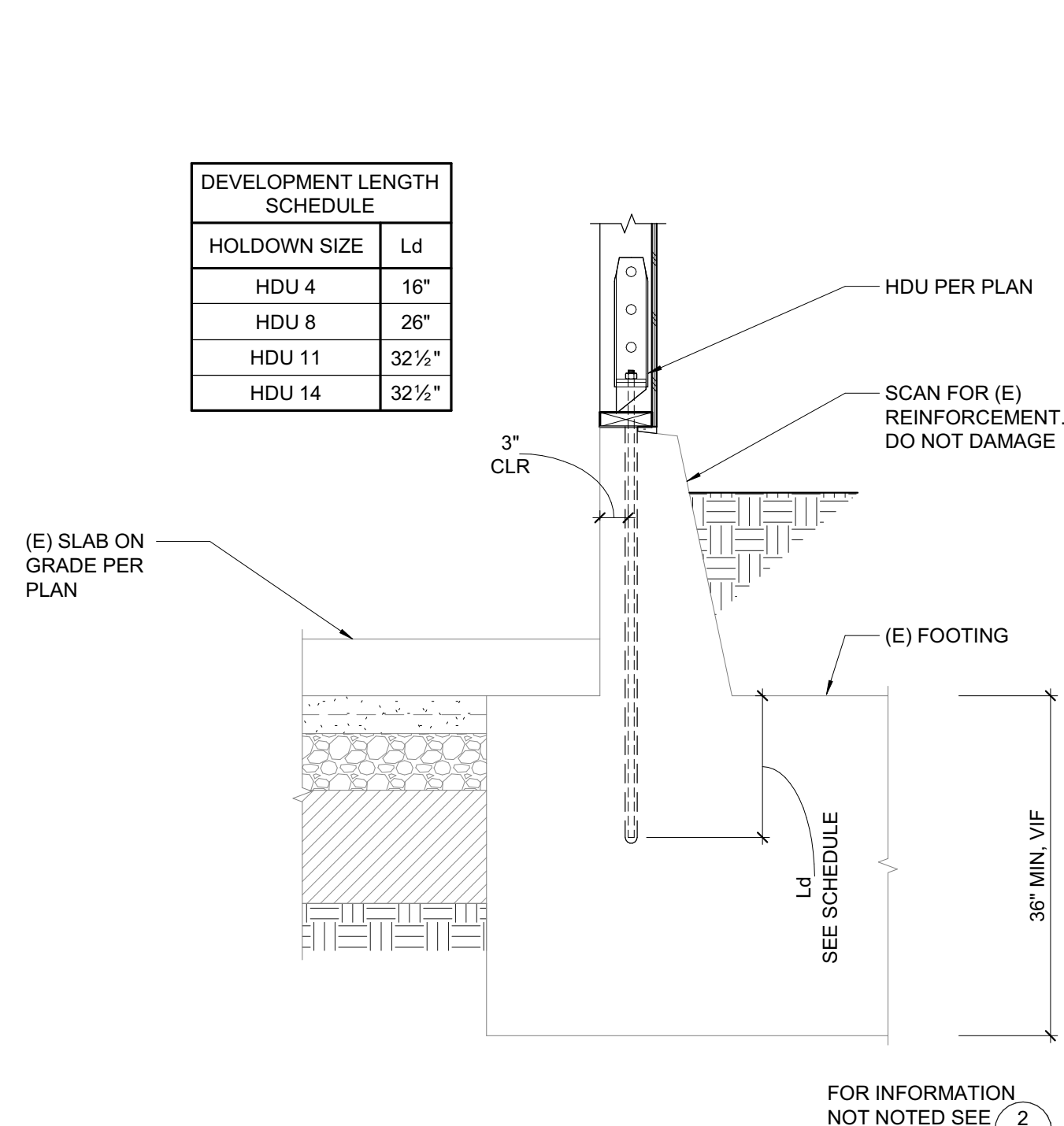
10 SECTION AT TRENCH DRAIN  
3/4" = 1'-0"



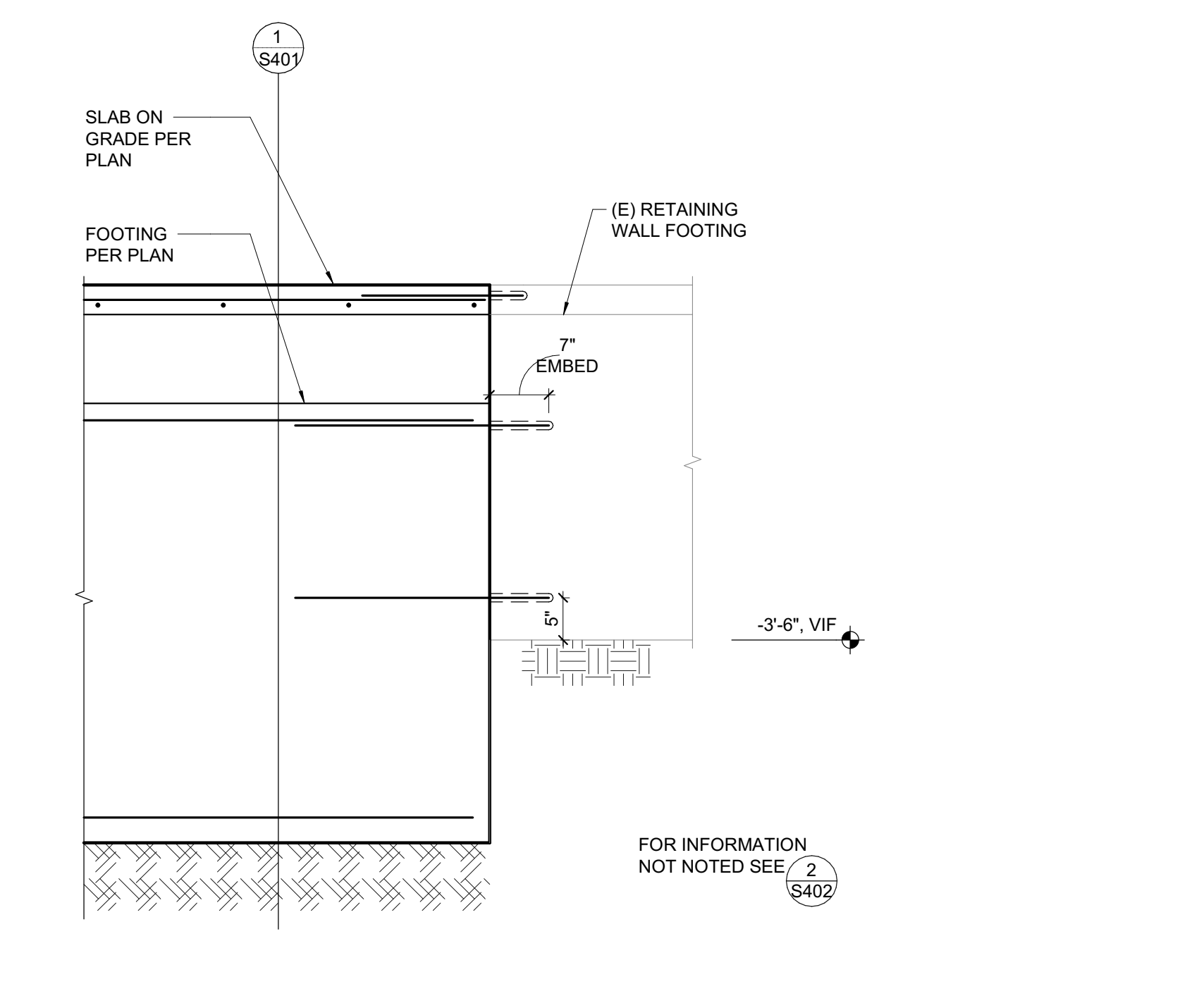
6 NON BEARING WALL AT (E) SLAB  
3/4" = 1'-0"



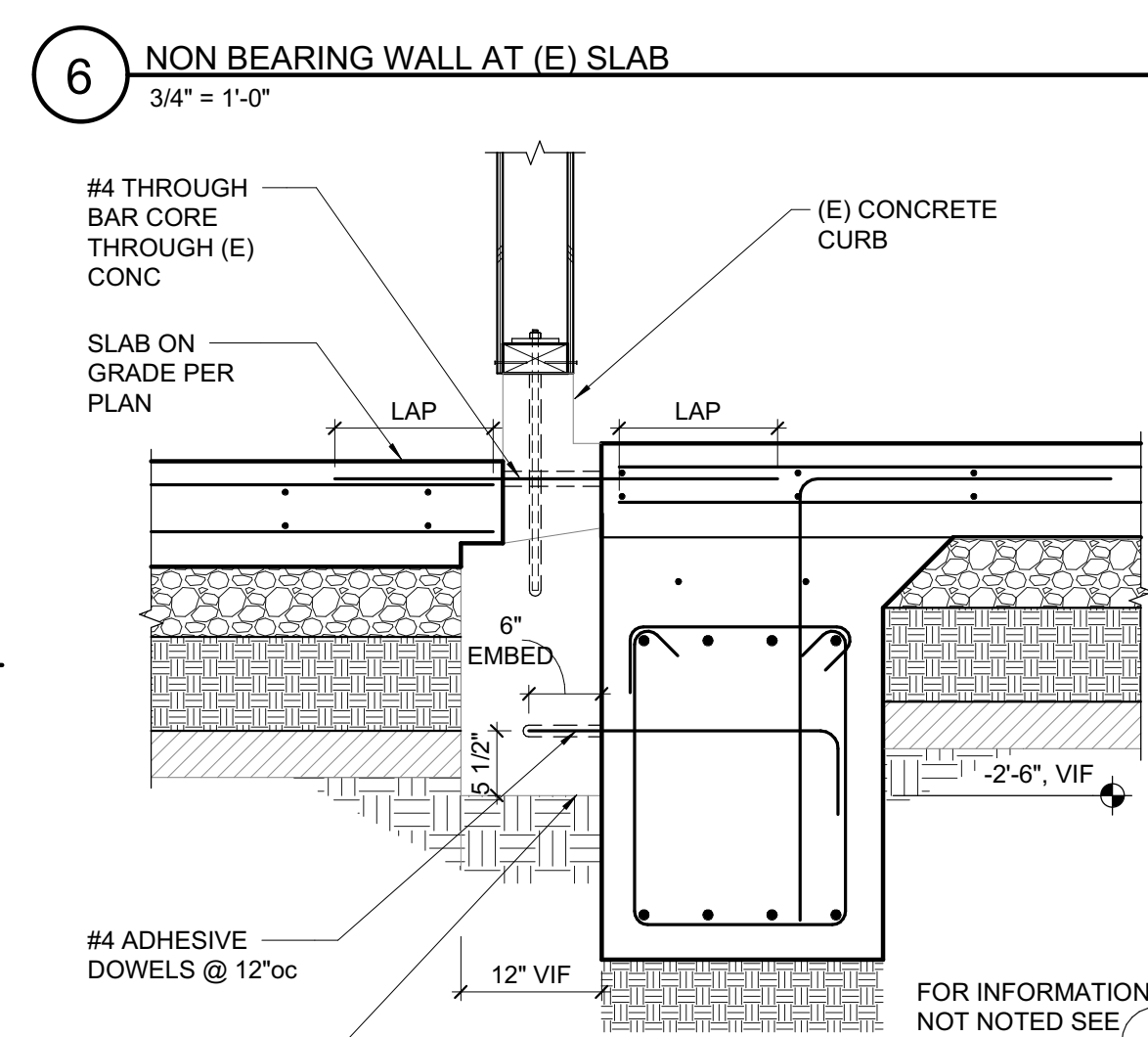
2 CONTINUOUS FOOTING AT EXISTING SLAB  
3/4" = 1'-0"



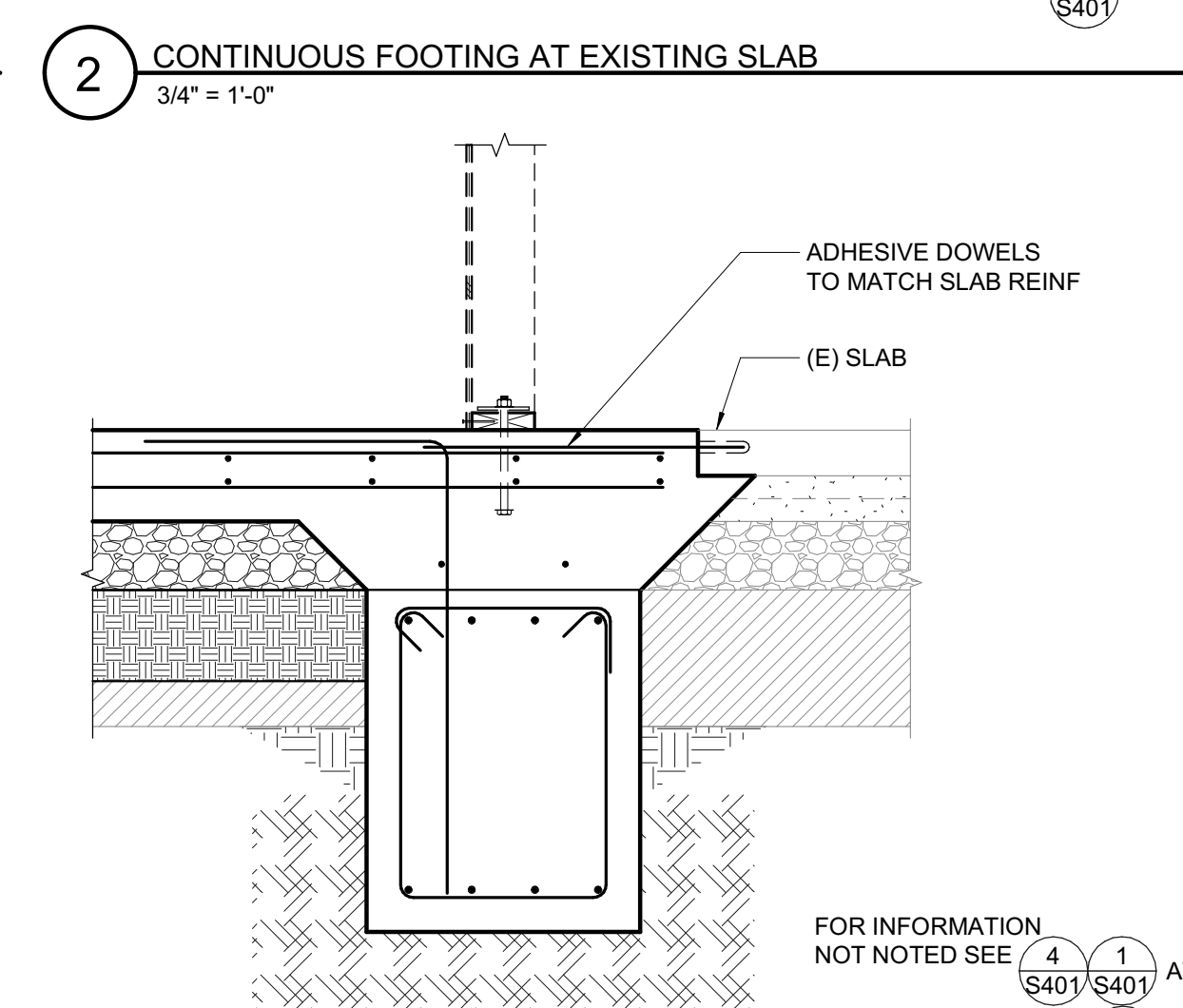
14 HOLDOWN POST AT EXISTING RETAINING WALL  
3/4" = 1'-0"



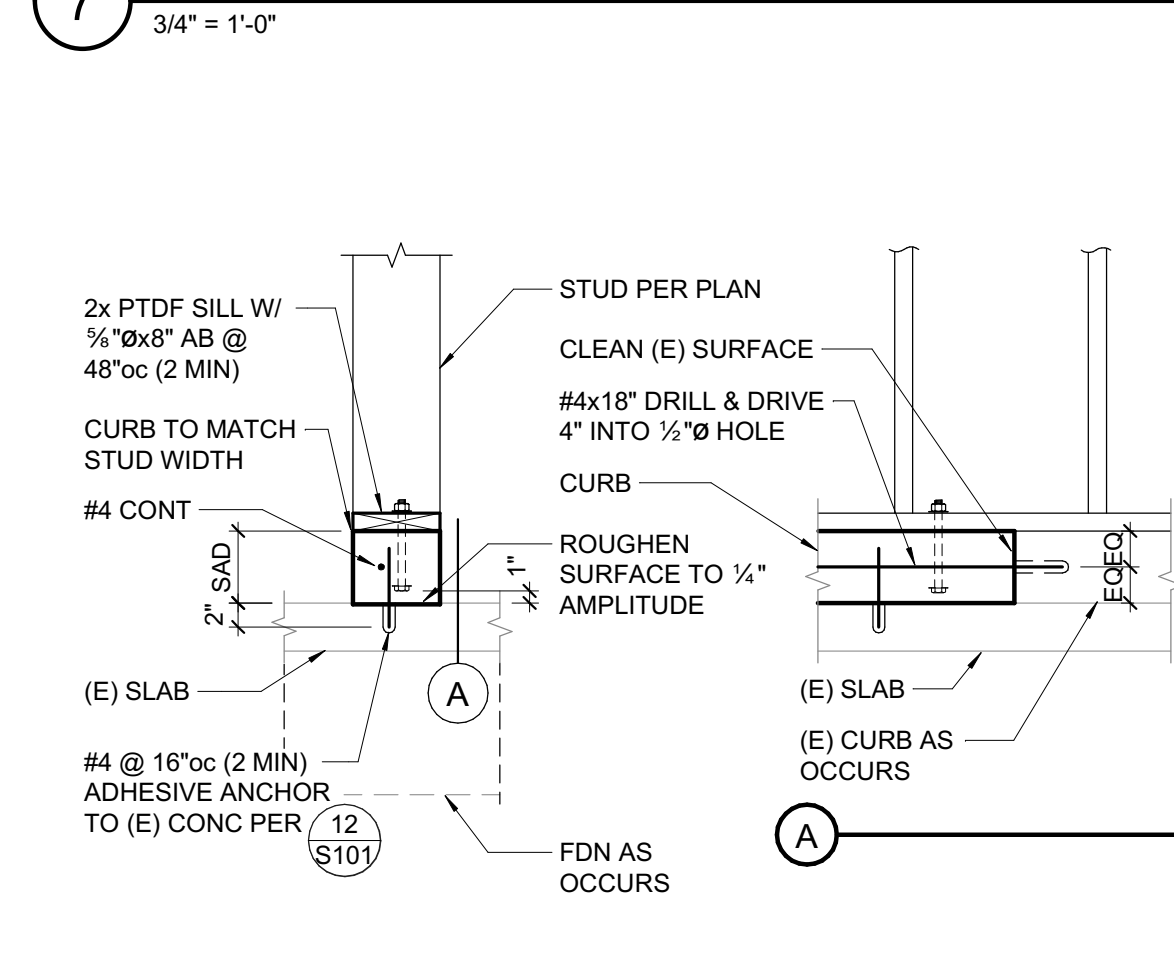
11 NEW FOOTING TO EXISTING RETAINING WALL FOOTING  
3/4" = 1'-0"



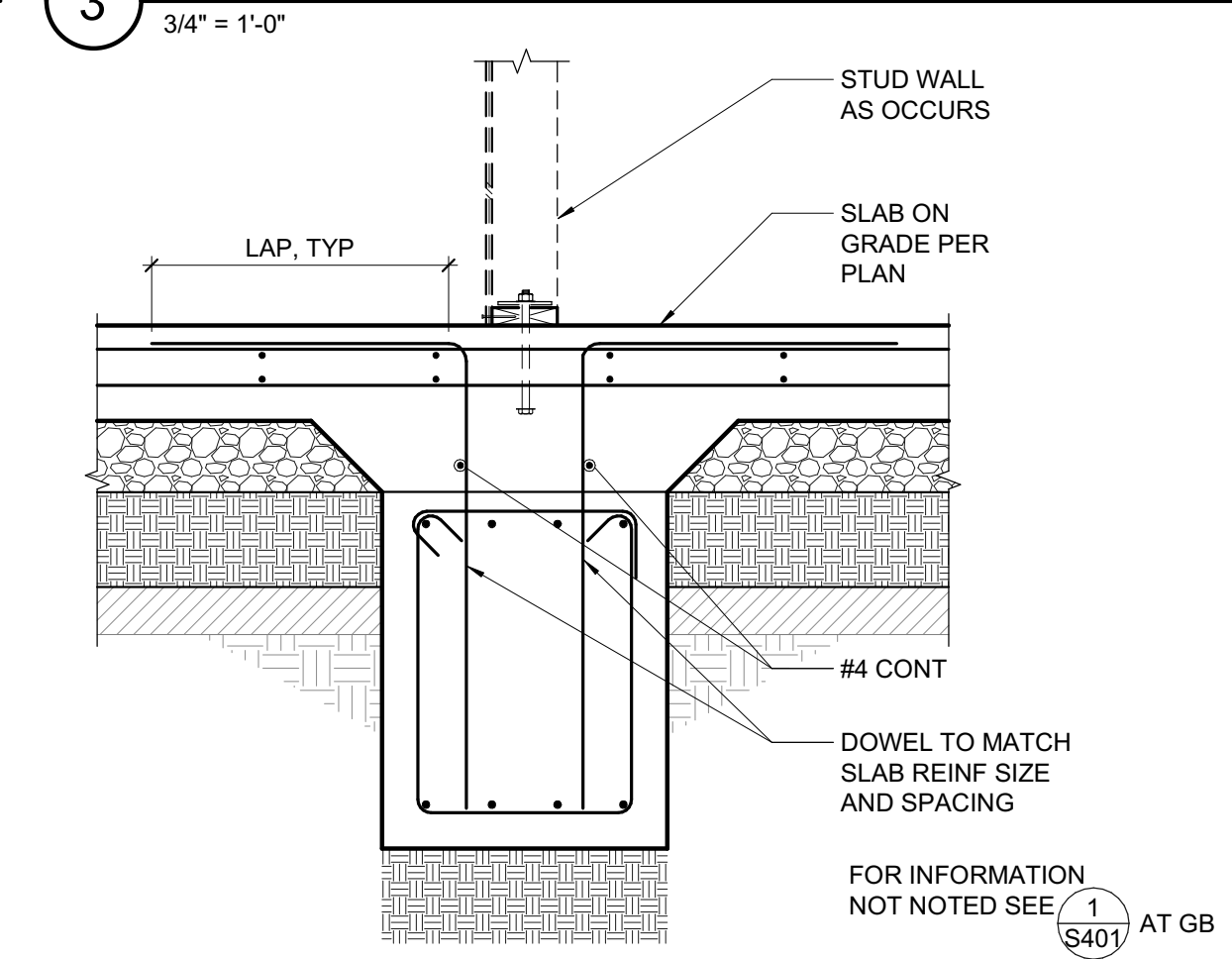
7 NEW FOOTING ADJACENT TO EXISTING FOOTING  
3/4" = 1'-0"



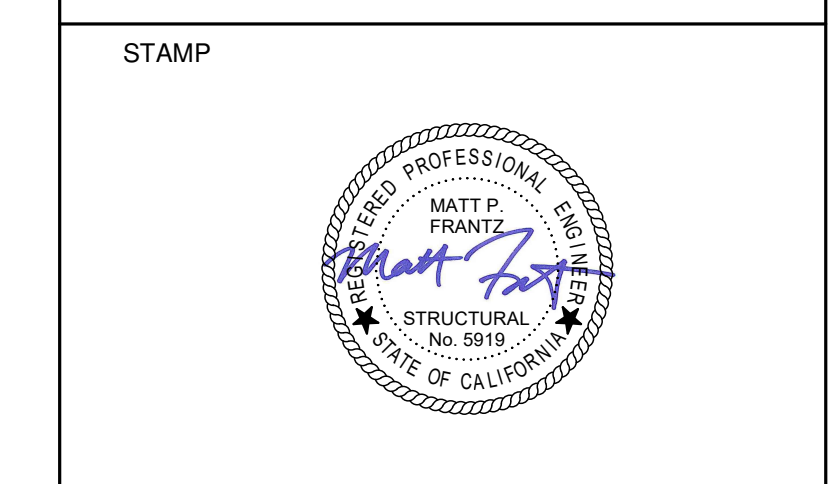
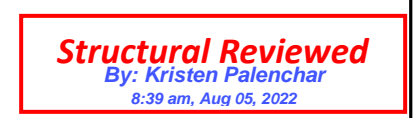
3 NEW FOOTING AT NEW AND EXISTING SLAB  
3/4" = 1'-0"



8 NEW CURB AT EXISTING SLAB  
3/4" = 1'-0"



4 NEW INTERIOR FOOTING AT NEW SLAB  
3/4" = 1'-0"



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

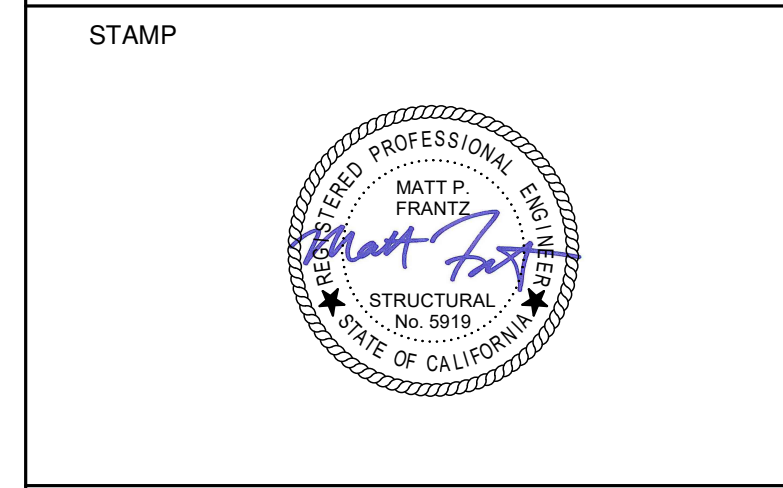
PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064  
ARCHITECT: MARJIANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
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STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
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850 S. VAN NESS AVE, #26  
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CONTACT: HENRY TOORYANI  
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CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER:  
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JOB NO.  
21479 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
**FOUNDATION DETAILS**



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE.  
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 CONTACT: BILL HANSELL  
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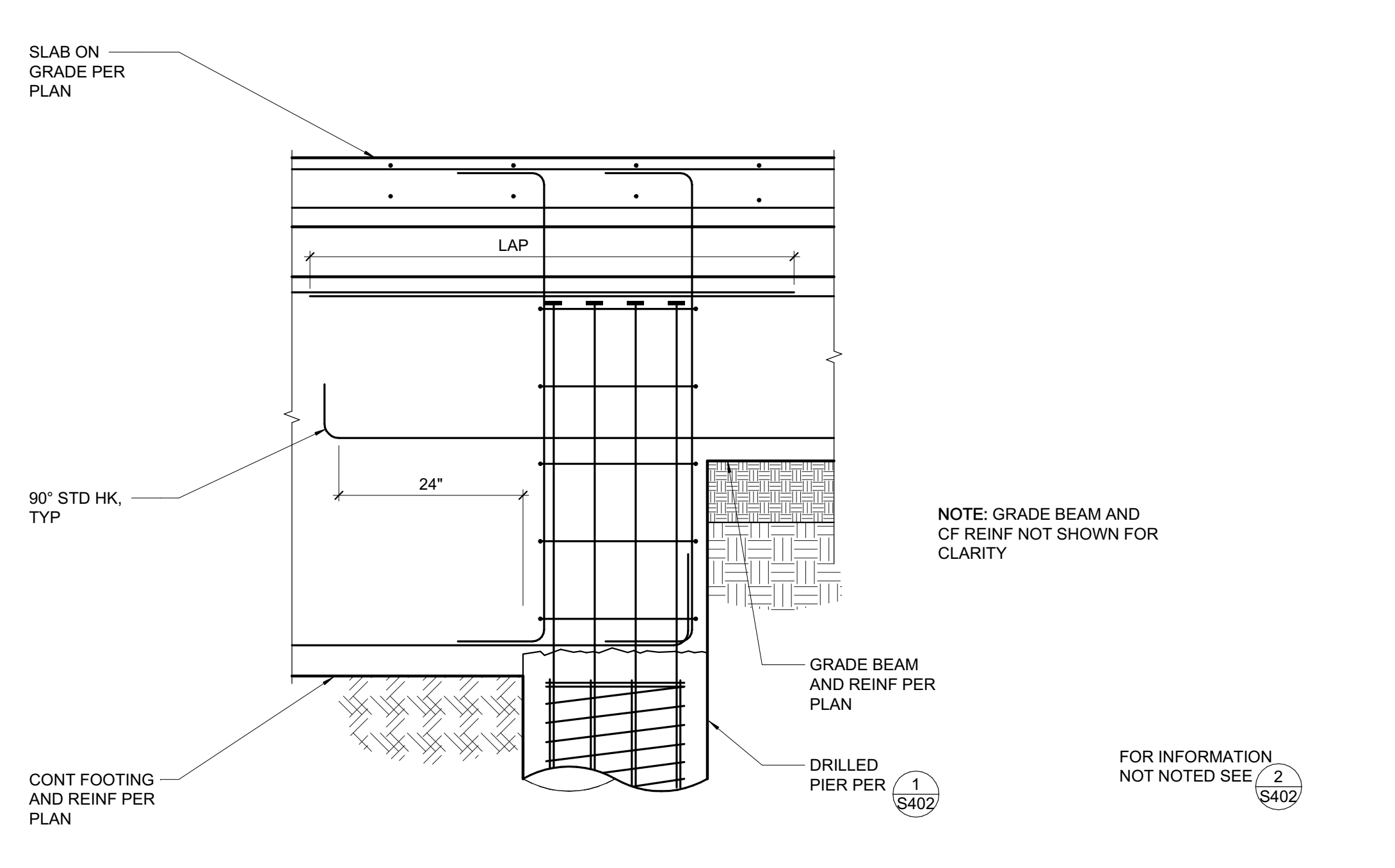
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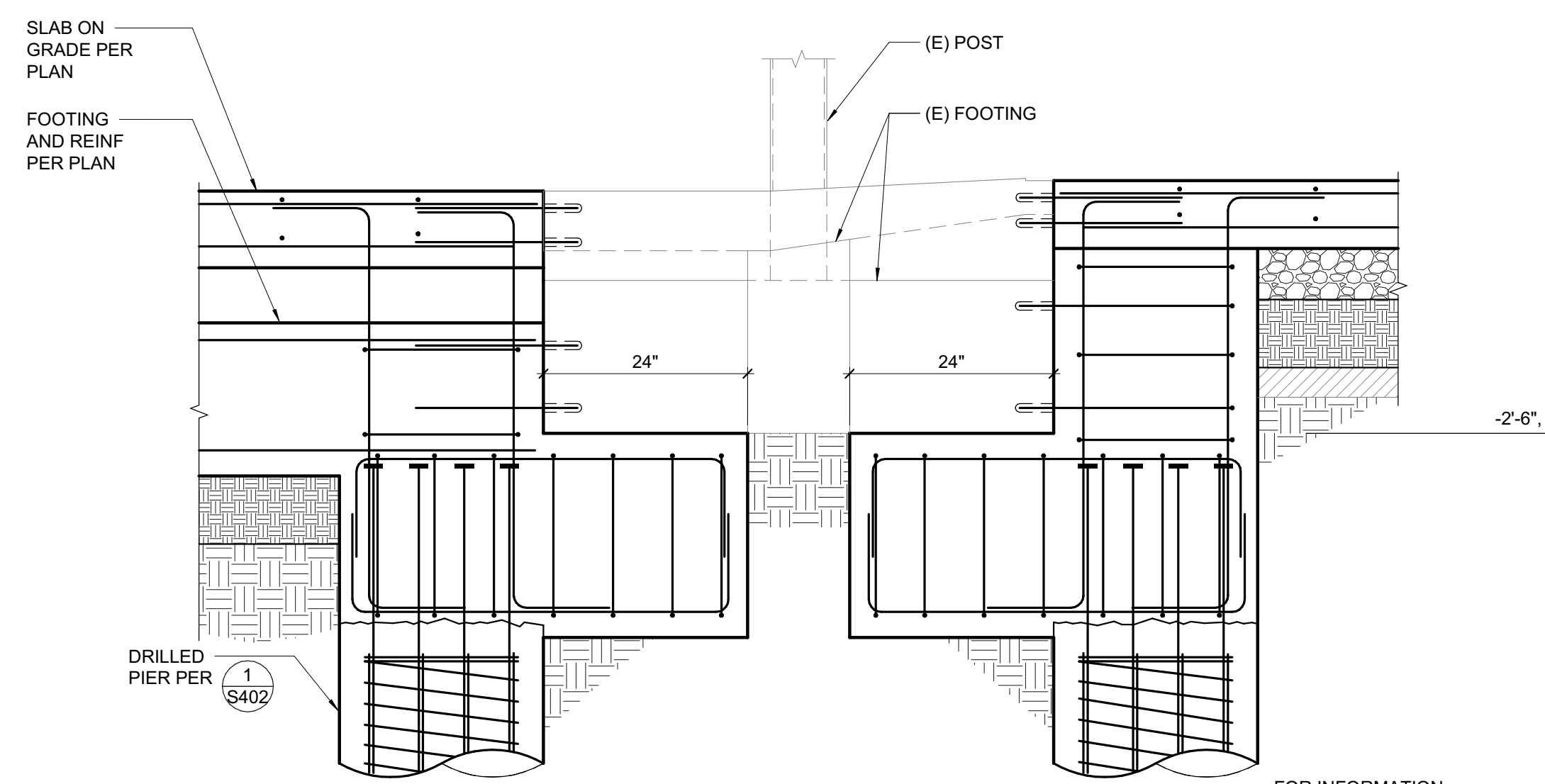
JOB NO.  
 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**FOUNDATION DETAILS**

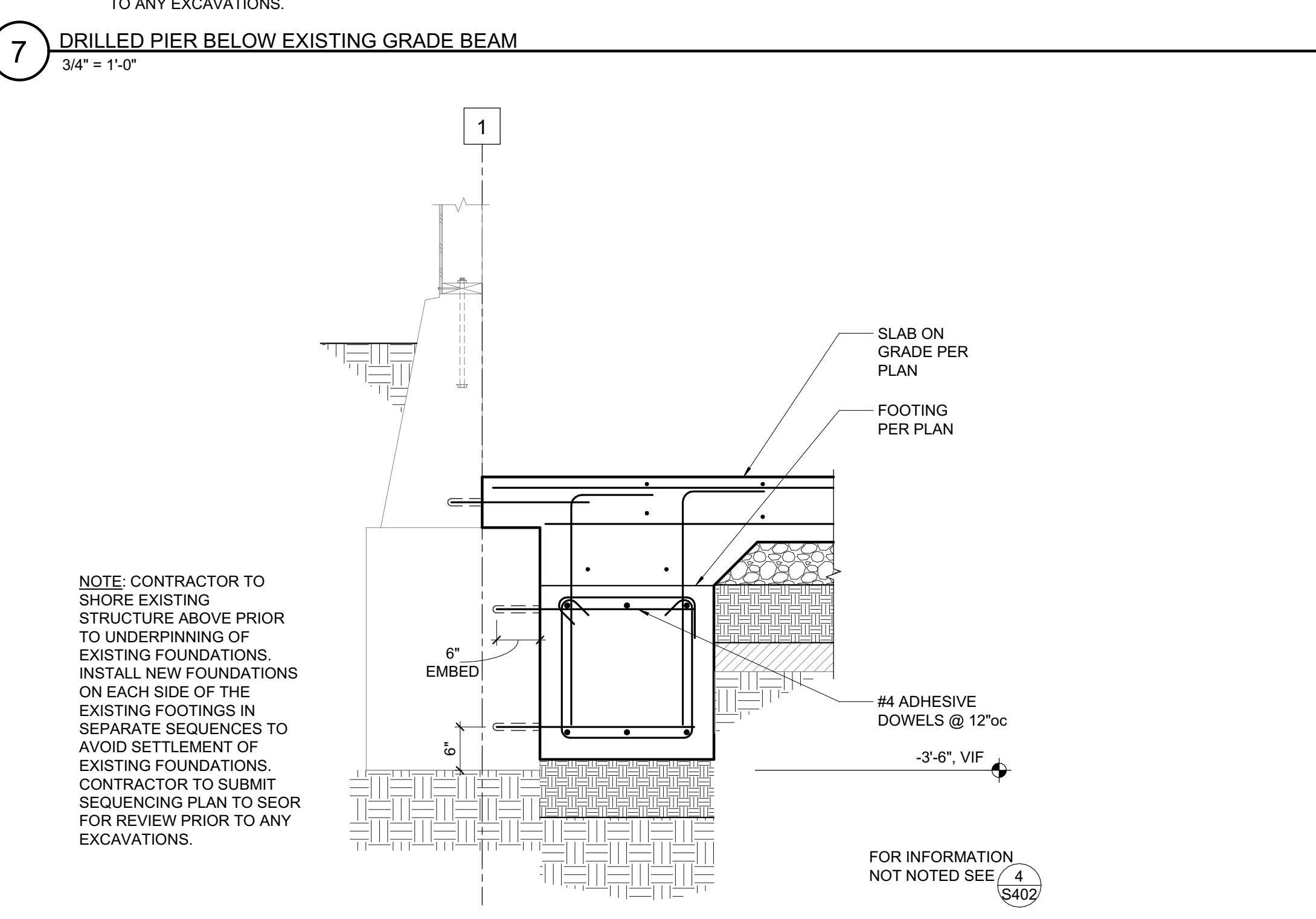
**S402**



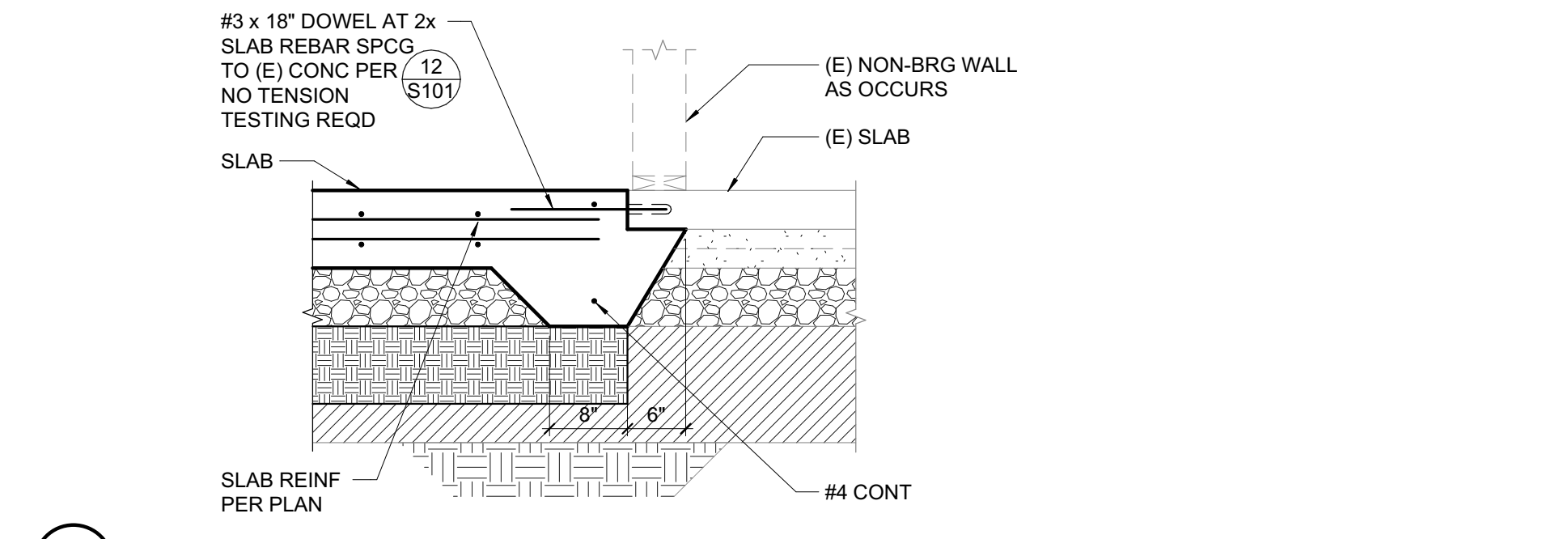
**6 DRILLED PIER BELOW EXISTING GRADE BEAM**  
 3/4" = 1'-0"



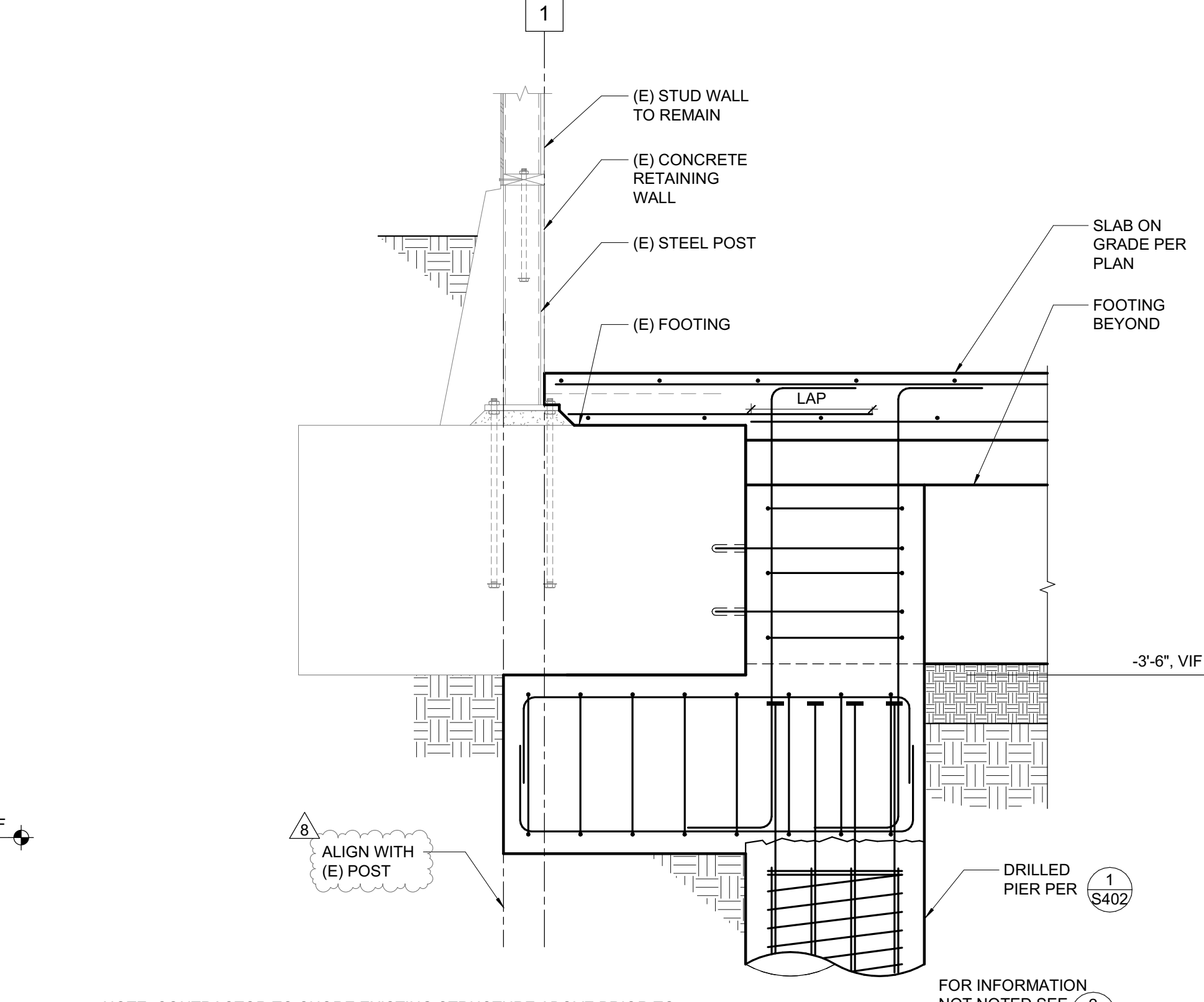
**7 DRILLED PIER BELOW EXISTING GRADE BEAM**  
 3/4" = 1'-0"



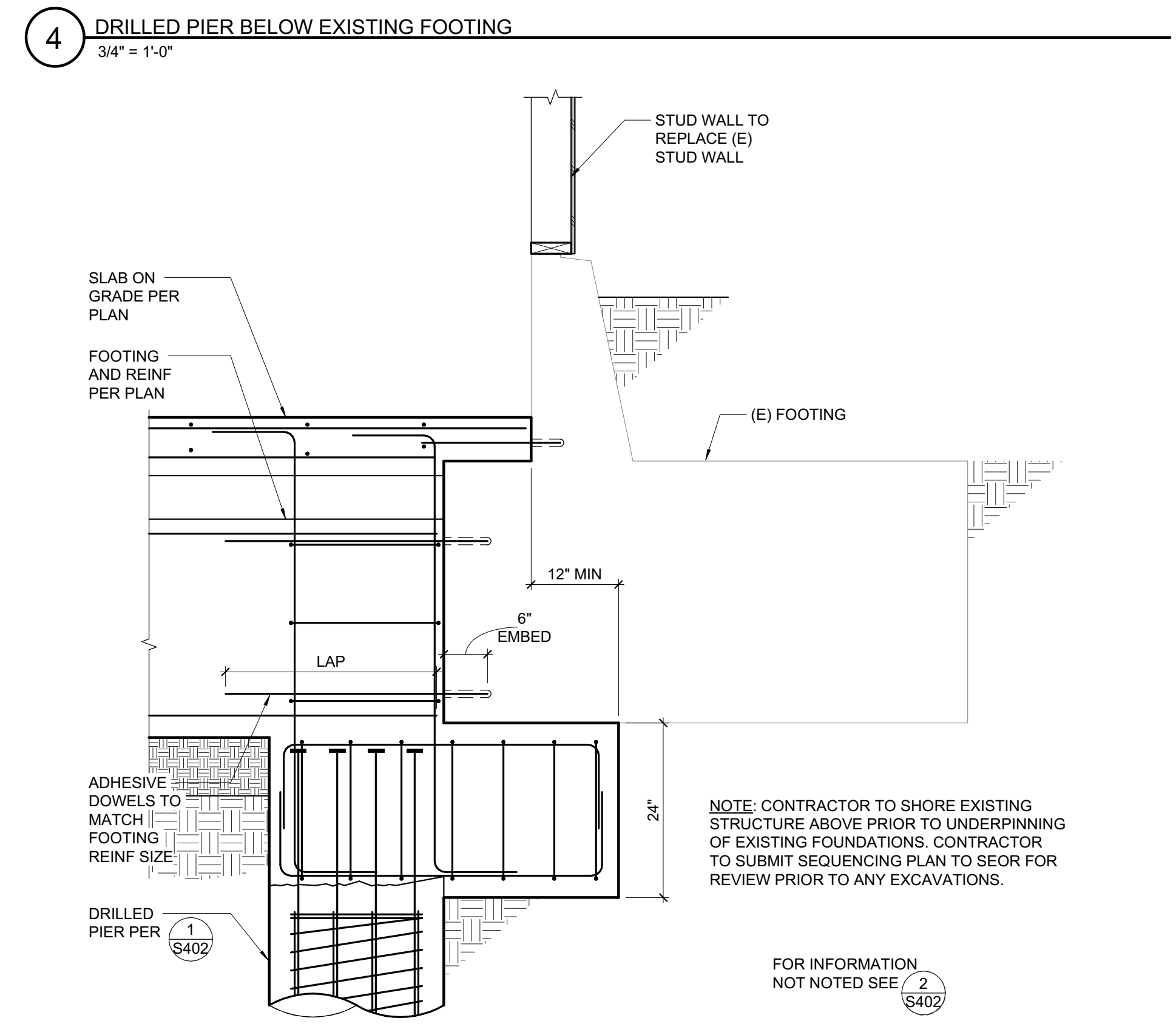
**8 DRILLED PIER BELOW EXISTING FOOTING**  
 3/4" = 1'-0"



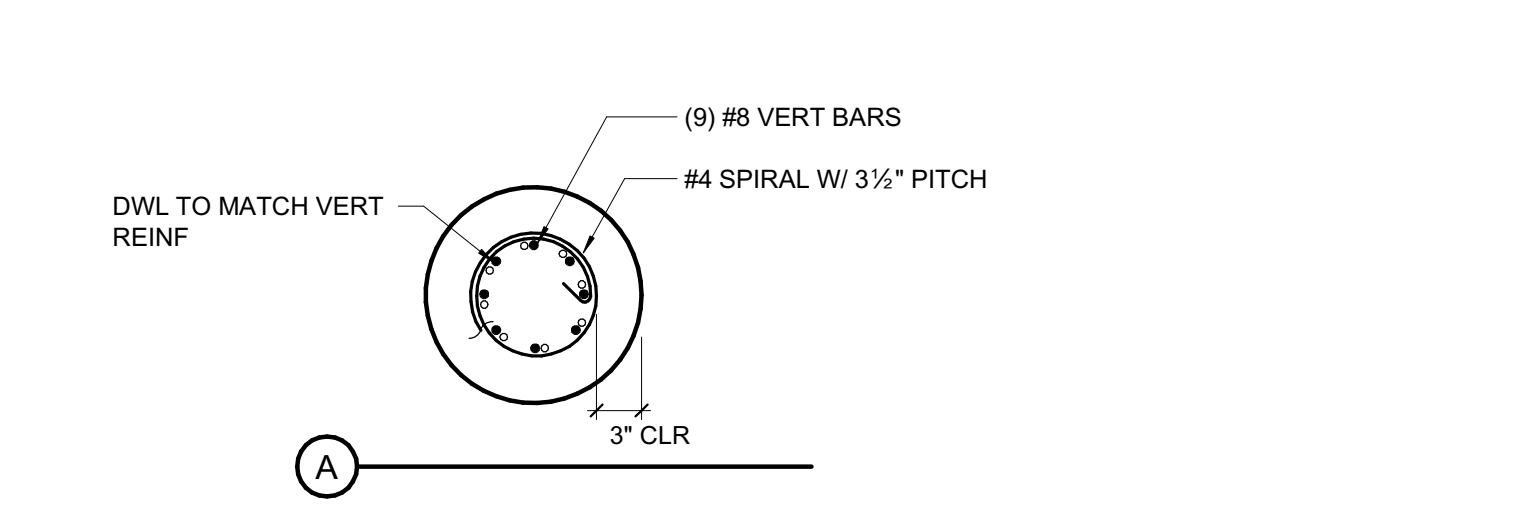
**3 NEW SLAB TO EXISTING SLAB**  
 3/4" = 1'-0"



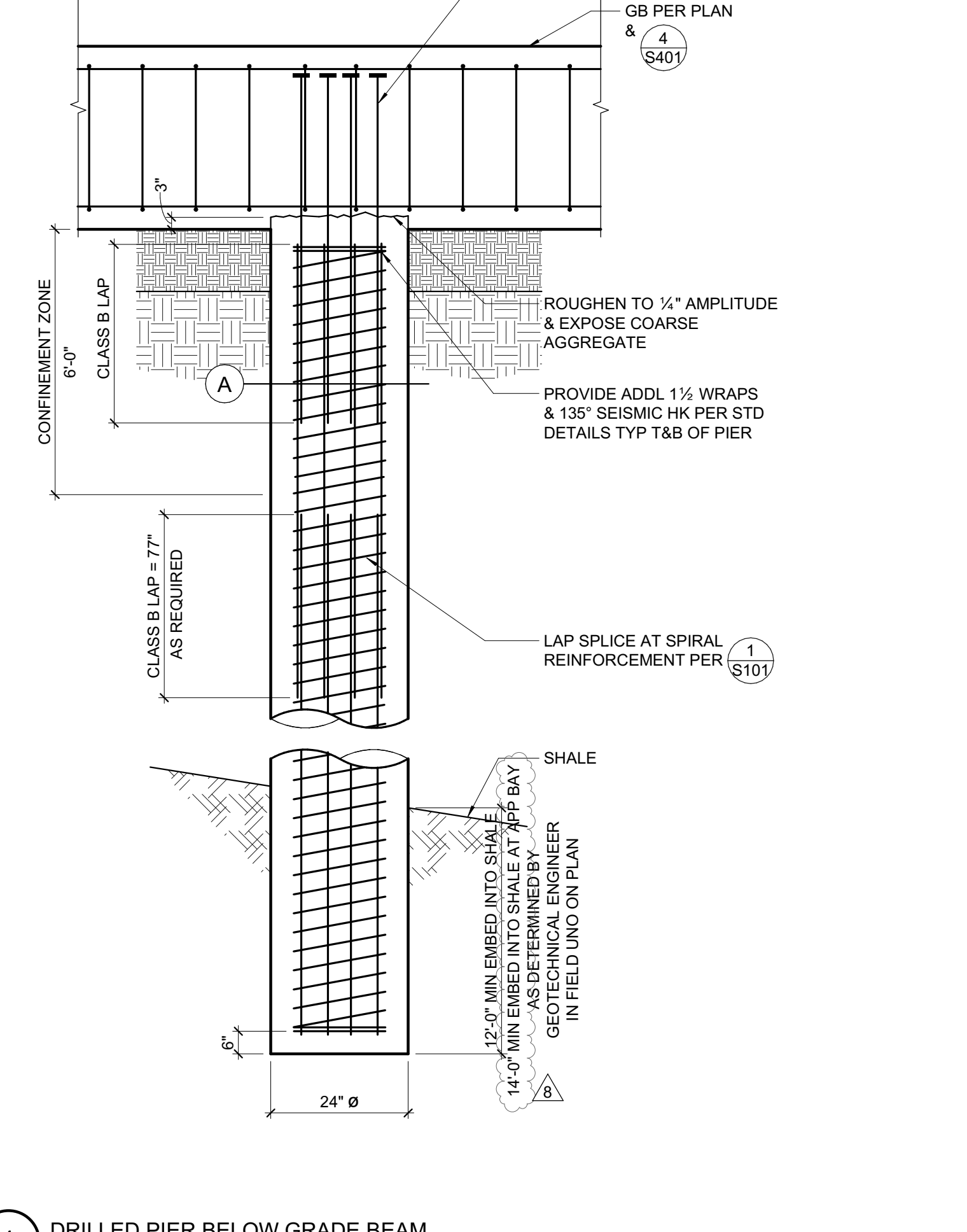
**4 DRILLED PIER BELOW EXISTING FOOTING**  
 3/4" = 1'-0"



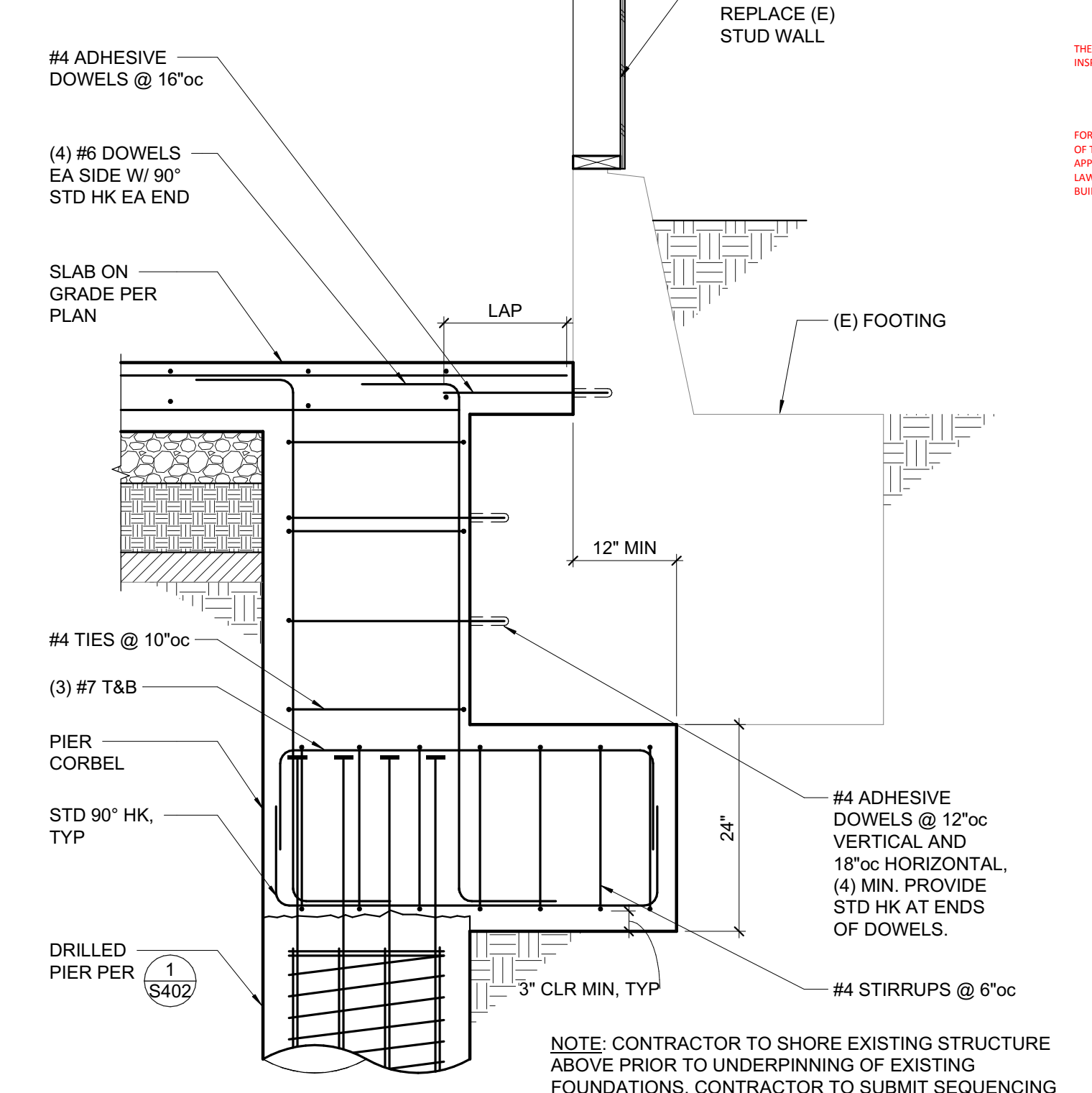
**5 DRILLED PIER BELOW EXISTING GRADE BEAM**  
 3/4" = 1'-0"



**1 DRILLED PIER BELOW GRADE BEAM**  
 3/4" = 1'-0"



**1 DRILLED PIER BELOW GRADE BEAM**  
 3/4" = 1'-0"

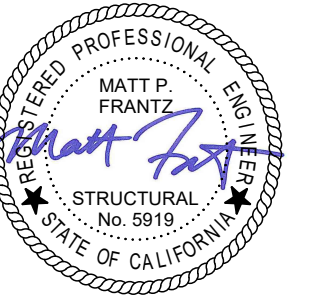


**2 DRILLED PIER BELOW EXISTING GRADE BEAM**  
 3/4" = 1'-0"





STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
 KENSINGTON, CA 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

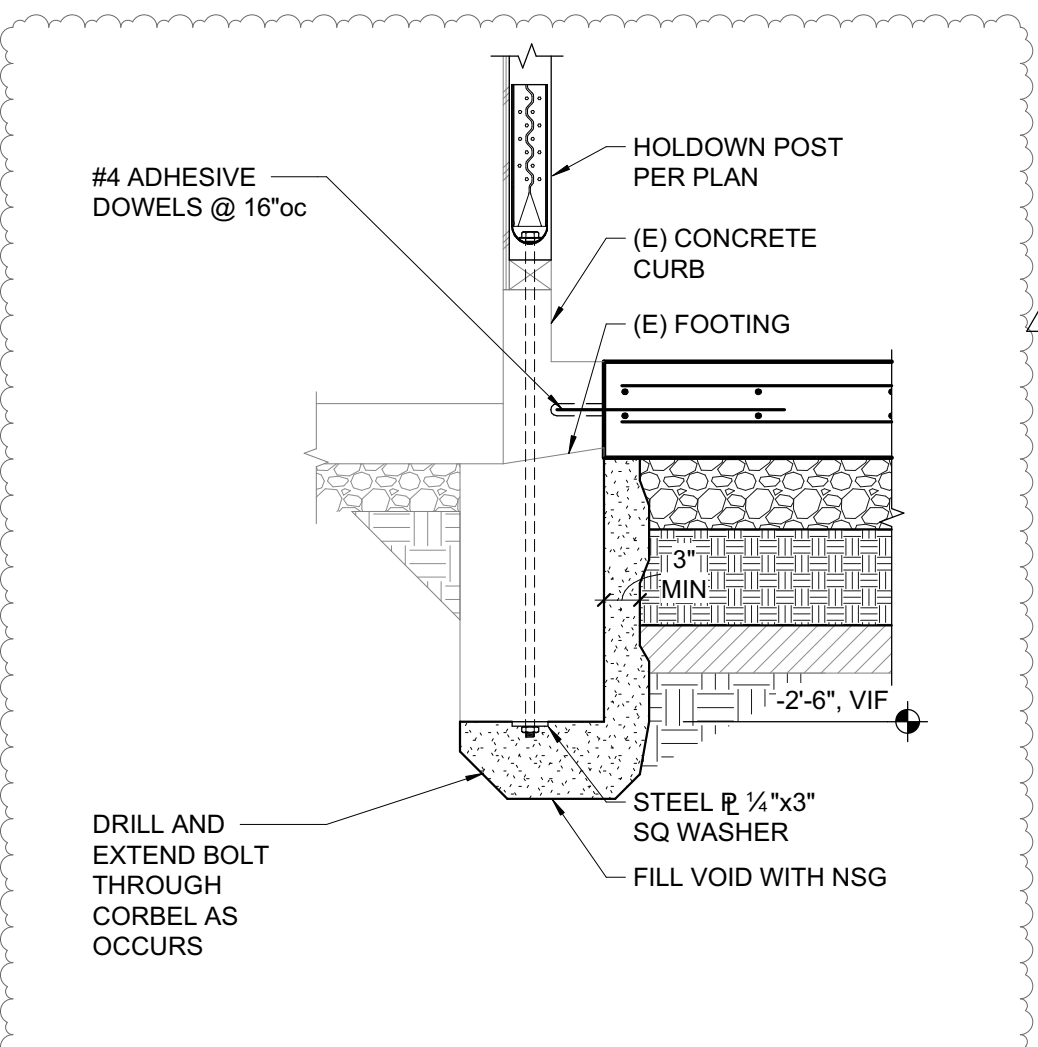
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

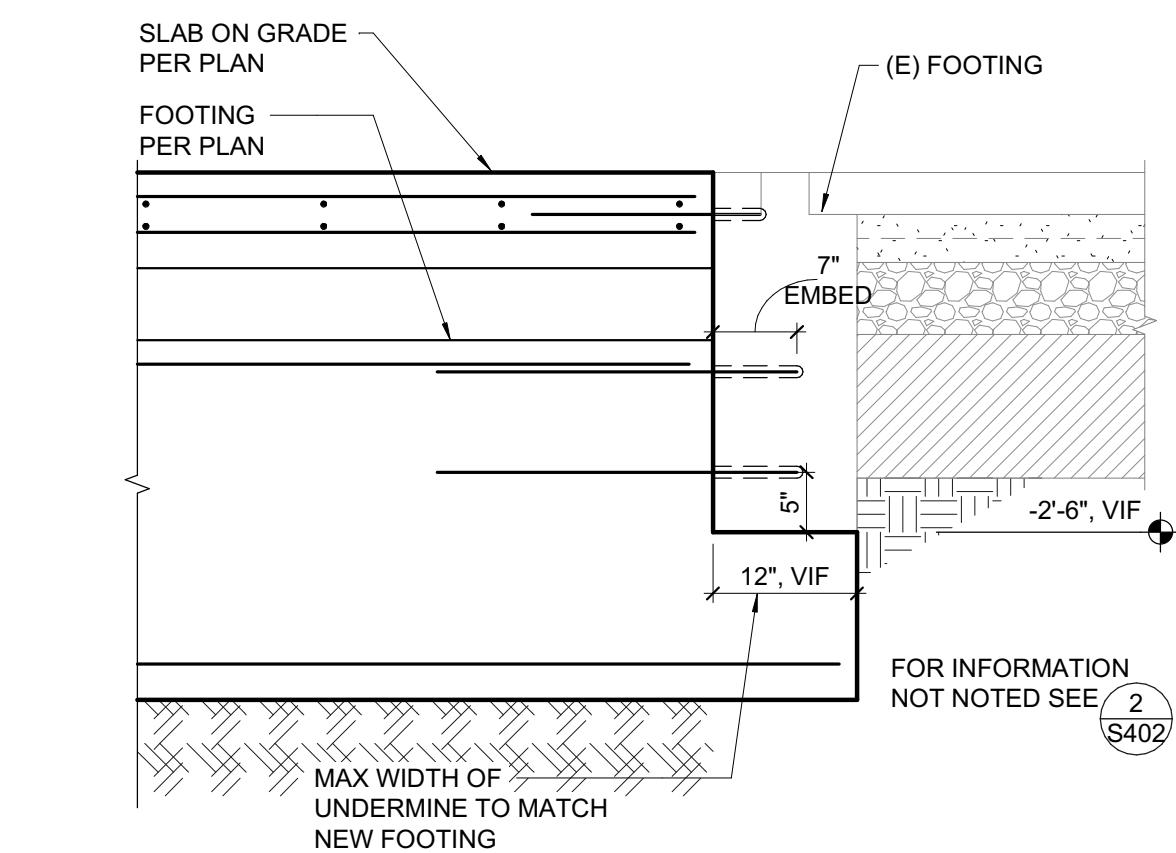
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 95940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

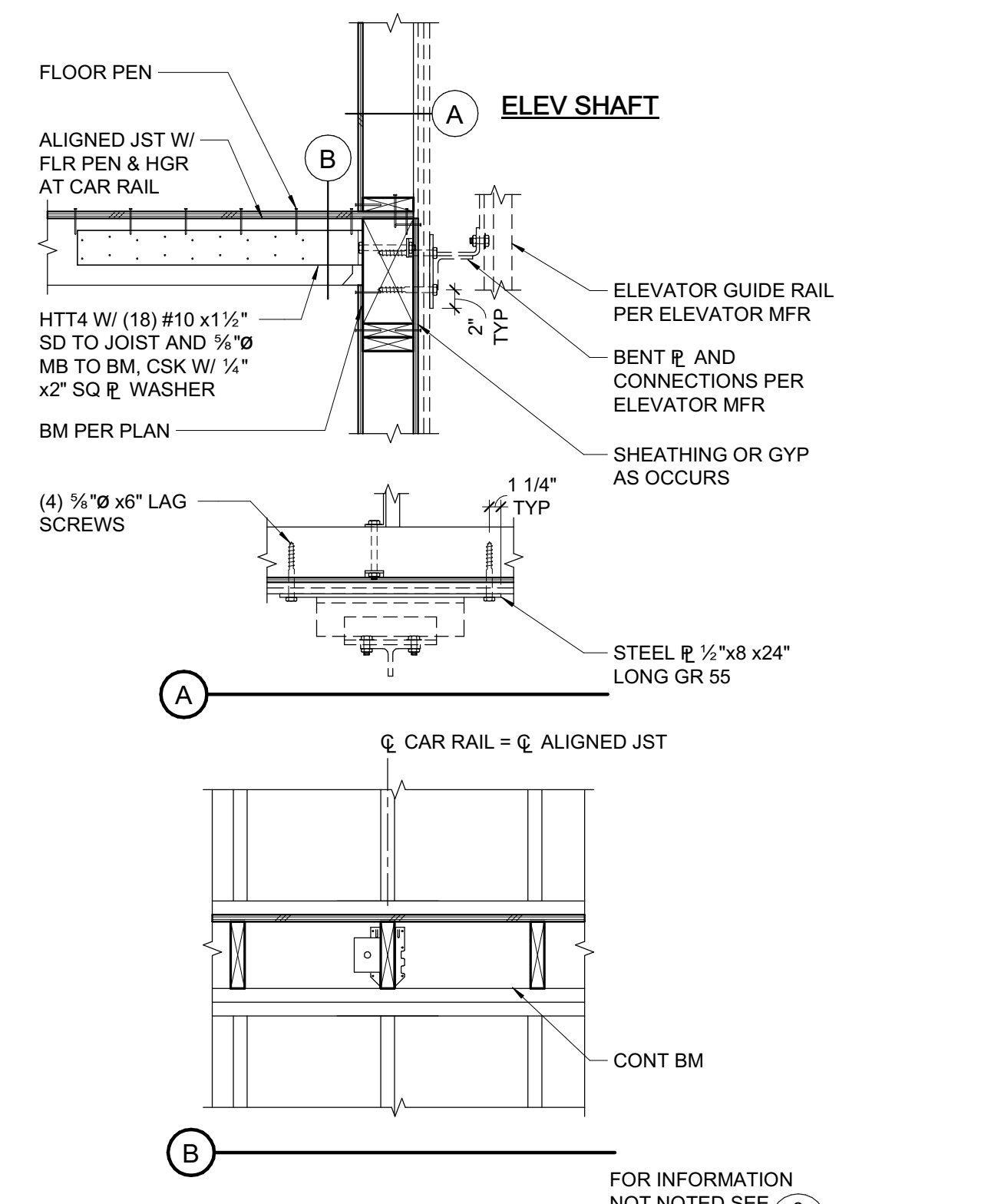
ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626



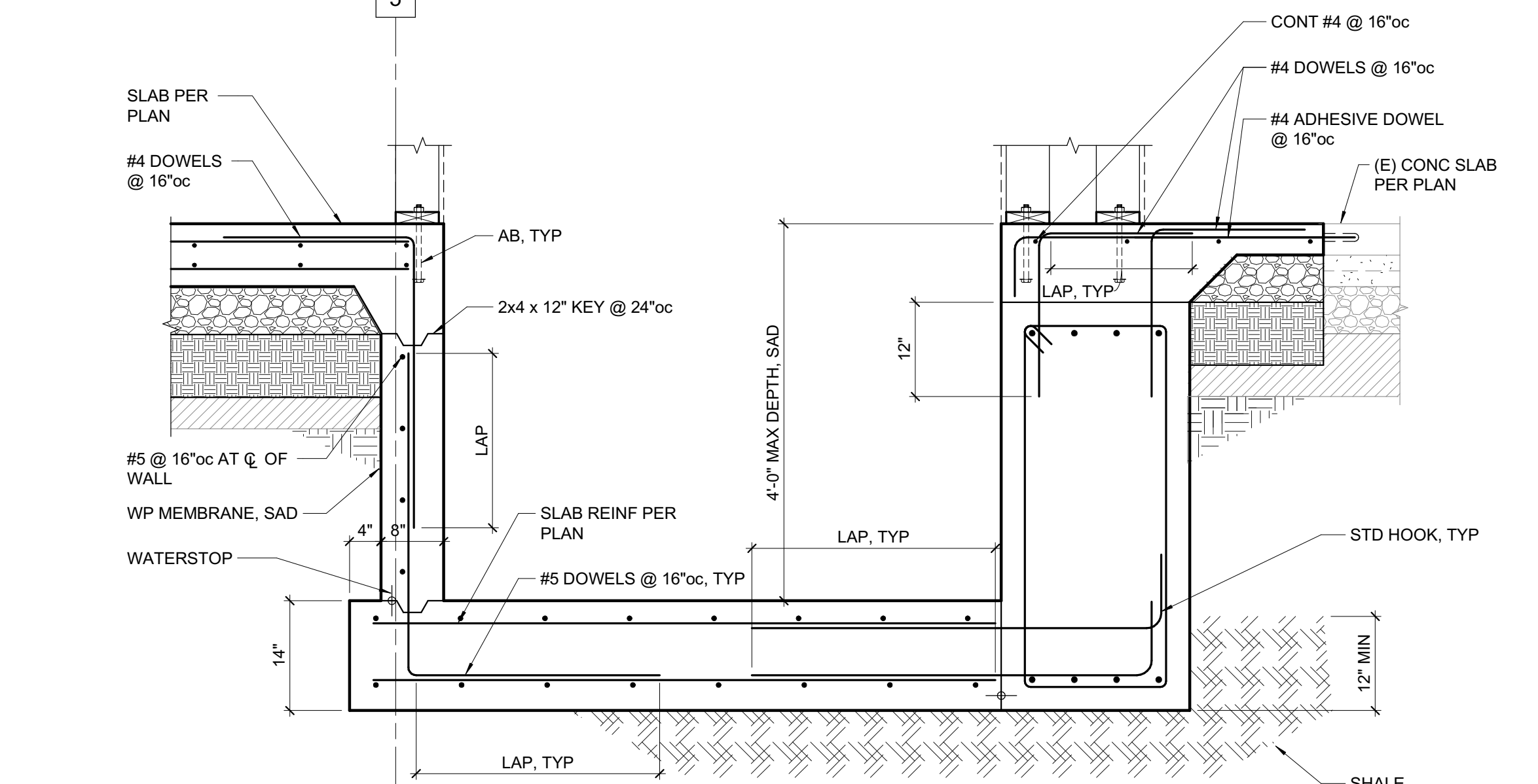
7 ANCHORAGE AT HOLDDOWN POSTS AT GRID E  
 3/4" = 1'-0"



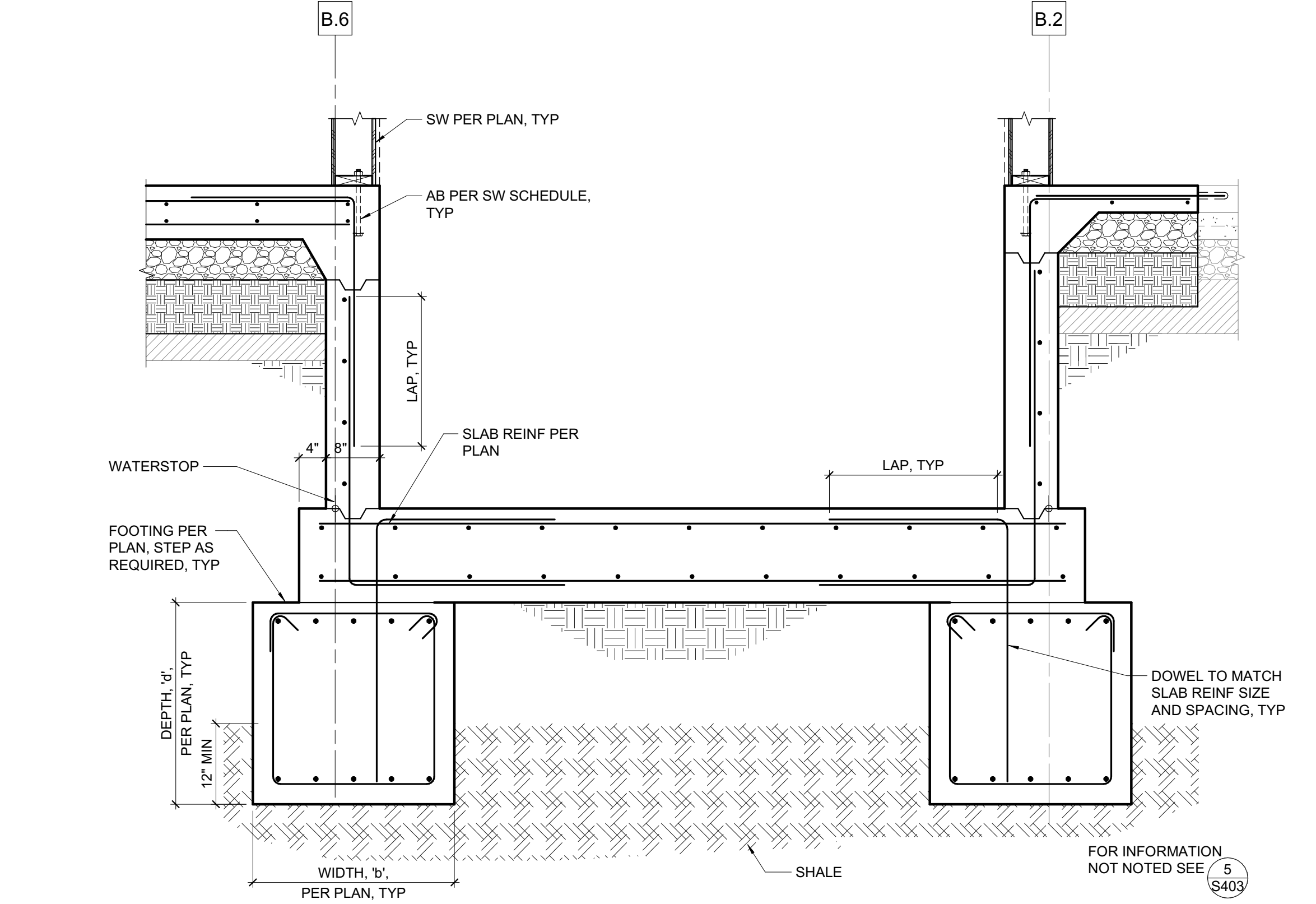
4 NEW FOOTING TO EXISTING FOOTING  
 3/4" = 1'-0"



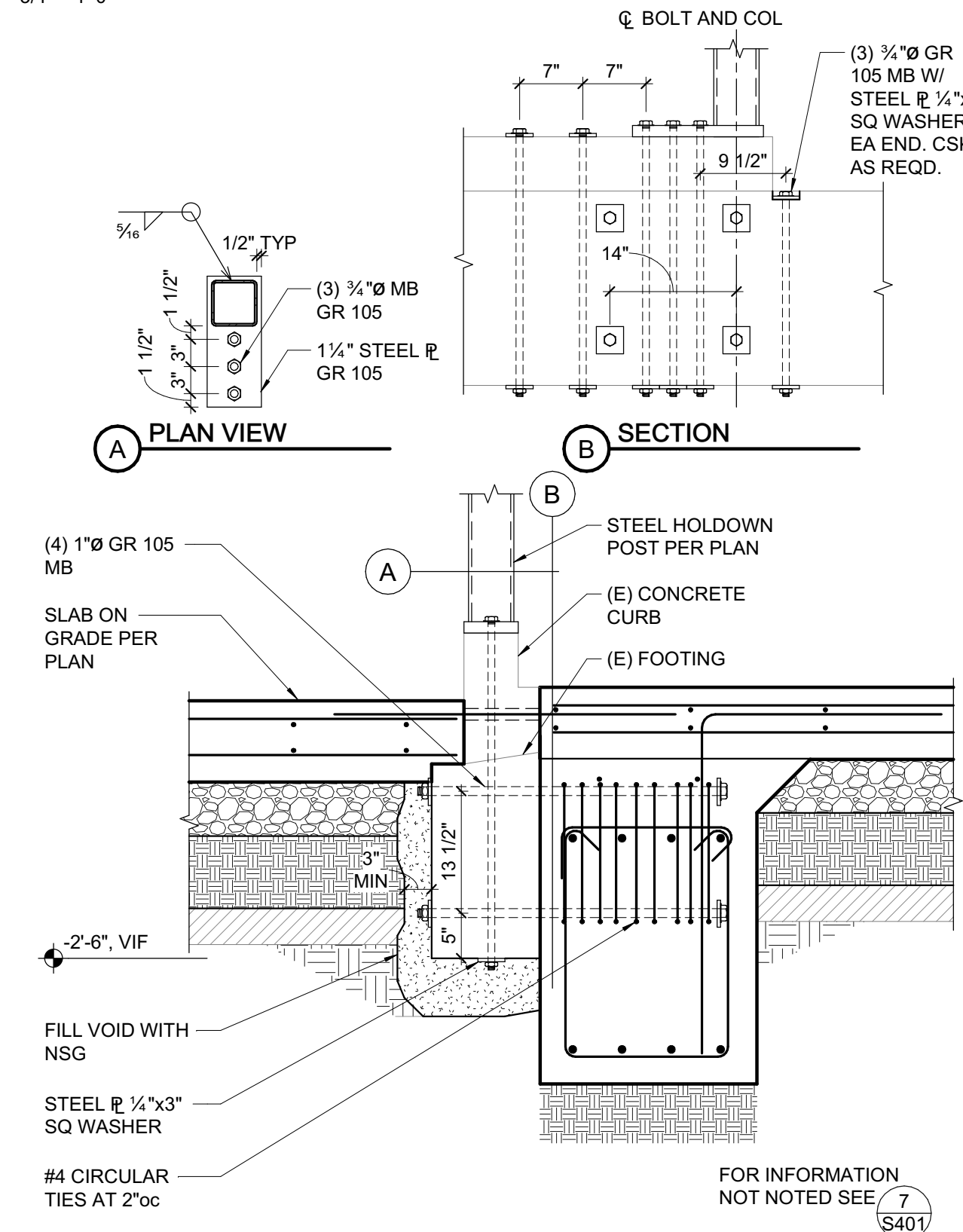
2 ELEVATOR RAILS AT WOOD FRAMING  
 3/4" = 1'-0"



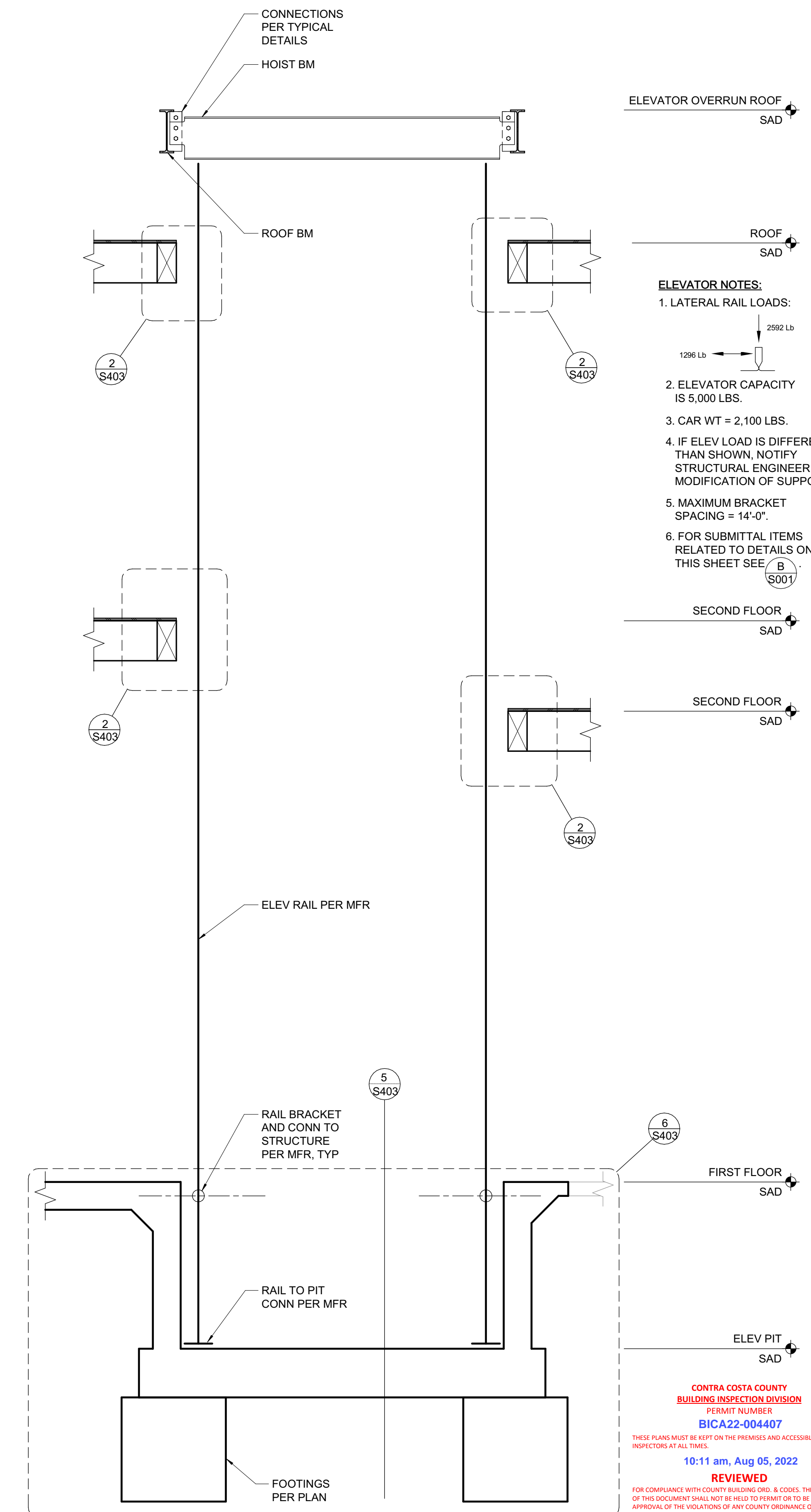
5 ELEVATOR PIT  
 3/4" = 1'-0"



6 ELEVATOR PIT  
 3/4" = 1'-0"



3 ANCHORAGE AT HOLDDOWN POSTS AT GRID 4  
 3/4" = 1'-0"



1 ELEVATOR SECTION  
 1/2" = 1'-0"

- ELEVATOR NOTES:**
- LATERAL RAIL LOADS:  
 1200 lb  
 2500 lb
  - ELEVATOR CAPACITY IS 5,000 LBS.
  - CAR WT = 2,100 LBS.
  - IF ELEV LOAD IS DIFFERENT THAN SHOWN, NOTIFY STRUCTURAL ENGINEER FOR MODIFICATION OF SUPPORT.
  - MAXIMUM BRACKET SPACING = 14'-0".
  - FOR SUBMITTAL ITEMS RELATED TO DETAILS ON THIS SHEET SEE: S5001

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER:  
 BIC22-004407  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:11 am, Aug 05, 2022  
 REVIEWED  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES. THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	9/27/2021
3	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PERMIT SUBMITTAL	4/01/2022
8	PLAN CHECK COMMENTS	7/22/2022

JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 FOUNDATION AND ELEVATOR DETAILS

S403

C:\revit\local\21479\_Kensington Public Safety Bldg\_S21C\_jamebsz\NNA.rvt

7/22/2022 10:05:57 PM

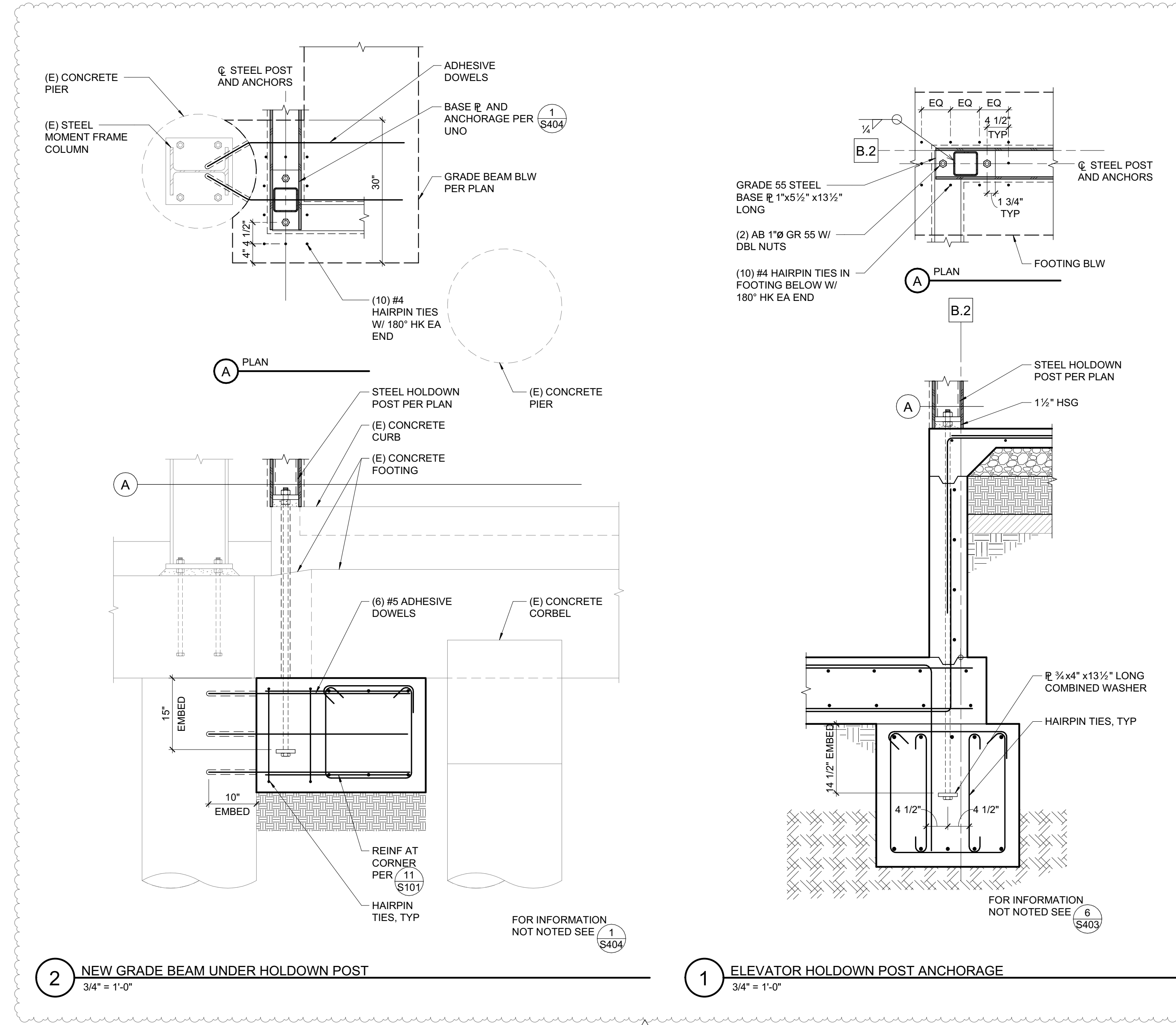
Structural Reviewed  
 By: Kristen Palerichar  
 8:39 am, Aug 05, 2022



STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
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 MEP: LIST ENGINEERING CO.  
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 CONTACT: RON BLUE  
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 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
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 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
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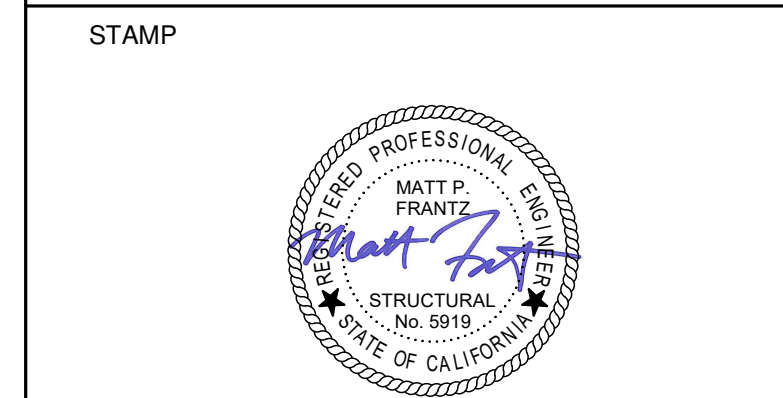
CONTRA COSTA COUNTY  
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8	PLAN CHECK COMMENTS	7/22/2022

JOB NO.  
 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**FOUNDATION DETAILS**

**S404**



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**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

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JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**STAIR FRAMING  
 DETAILS**

**S601**

STRINGER SCHEDULE		
MAX SPAN	"d"	MATERIAL
4'-0"	4"	LVL 2.0E
8'-0"	7"	LVL 2.0E

- NOTES:
- MIN SIZES UNLESS LARGER DIMENSIONS SHOWN ON PLANS.
  - STRINGERS AT EACH SIDE OF EACH STAIR, (2) STRINGERS MIN.
  - SPAN = LENGTH OF STRINGER.
  - ALTERNATE FRAMING DETAILS AND CONFIGURATIONS ARE ACCEPTABLE ONLY IF APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
  - SAD FOR RISE/RUN DIMENSIONS.
  - SAD FOR TREAD AND FINISH INFORMATION.

1 TYPICAL STAIR FRAMING  
 1" = 1'-0"

5 TOP OF STRINGER AT FLOOR  
 1" = 1'-0"

6 WALL SUPPORTED STRINGER  
 1" = 1'-0"

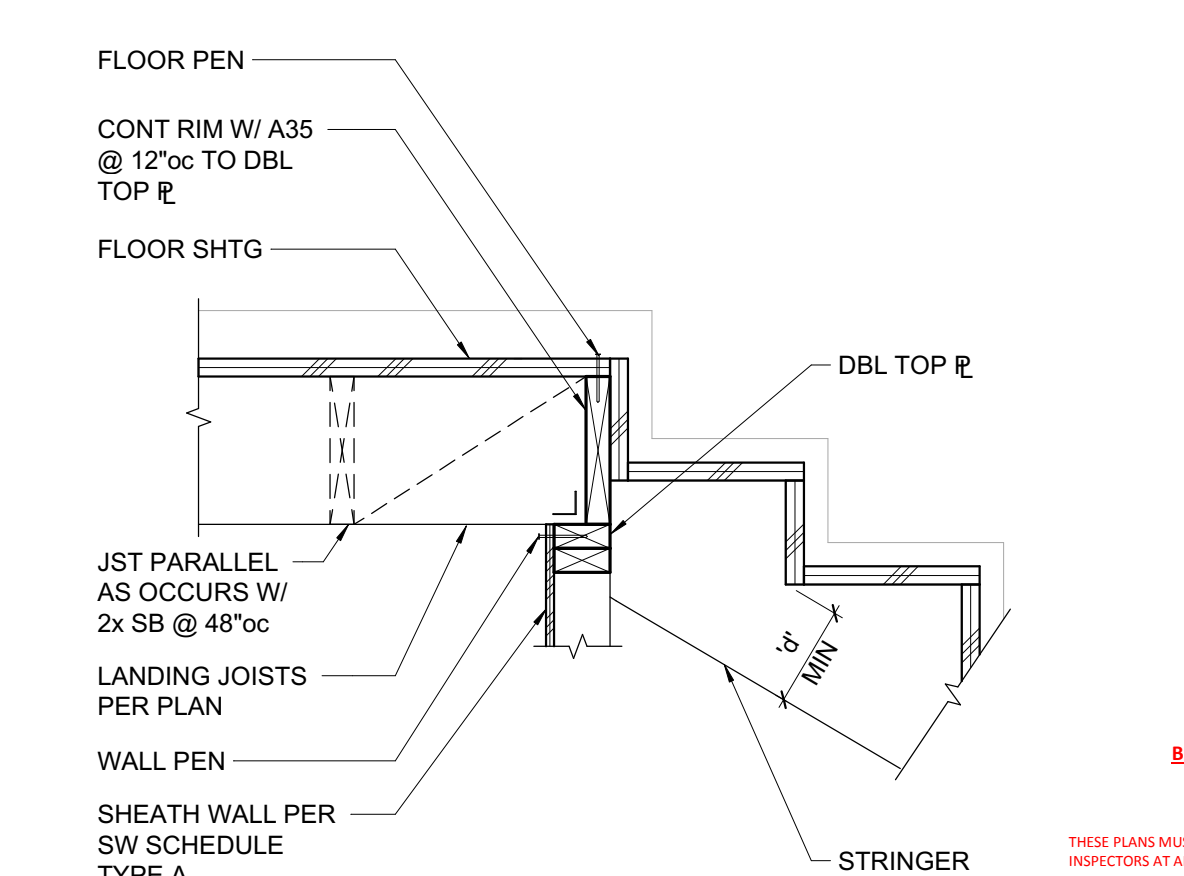
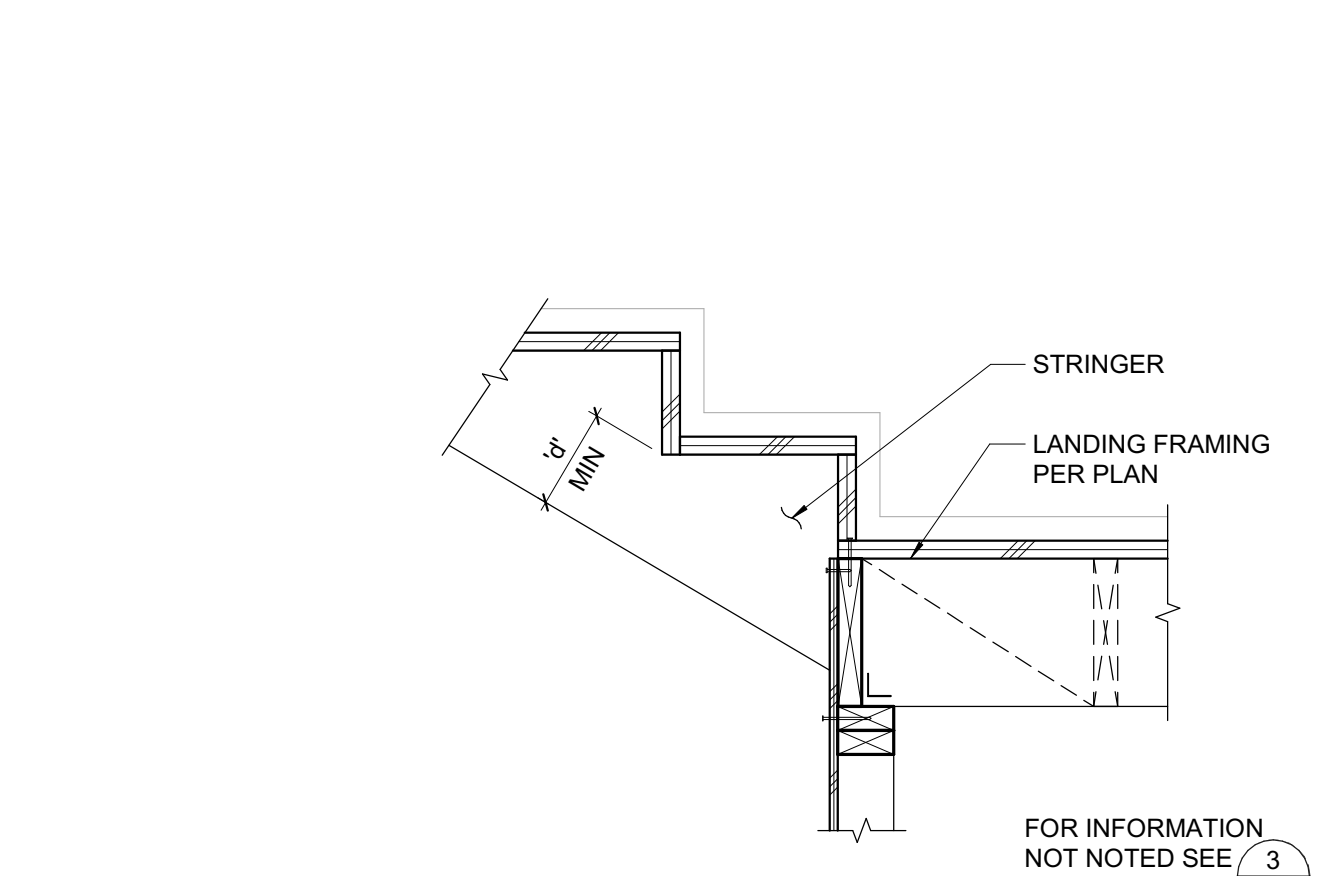
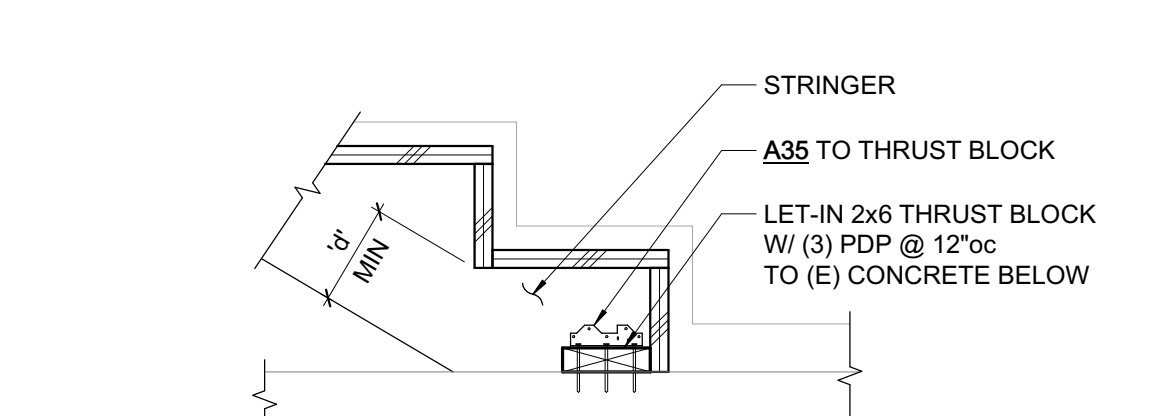
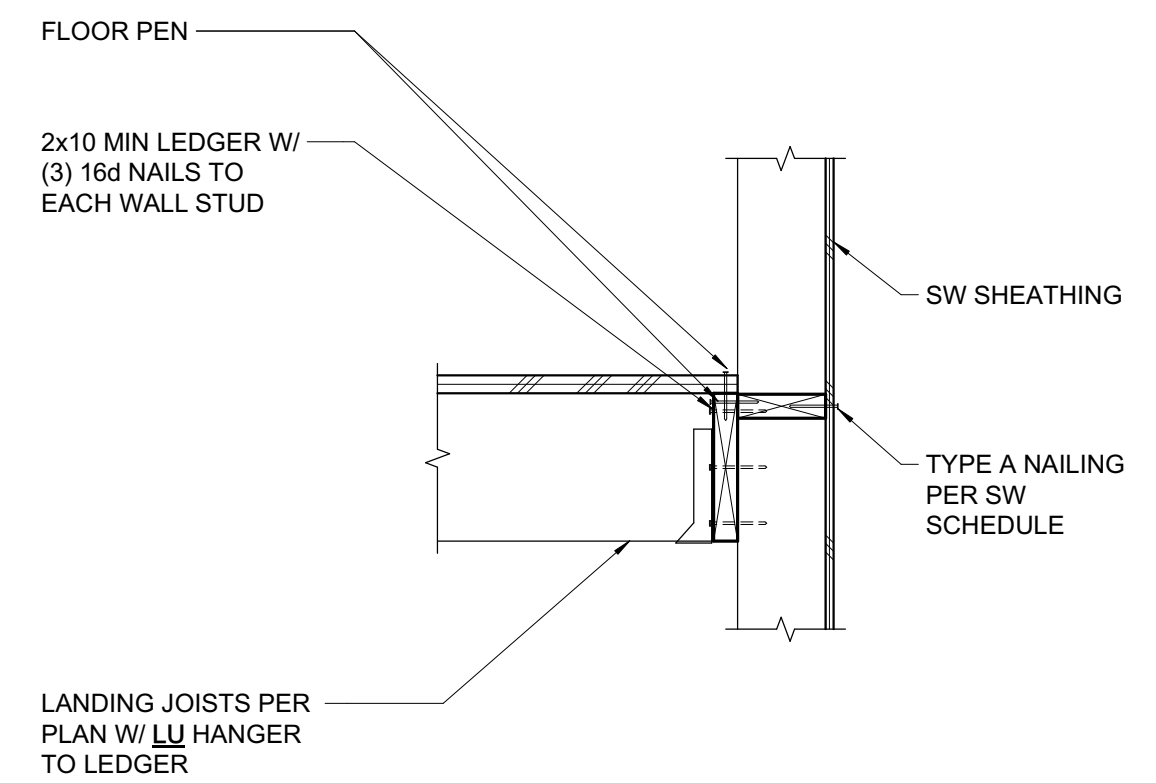
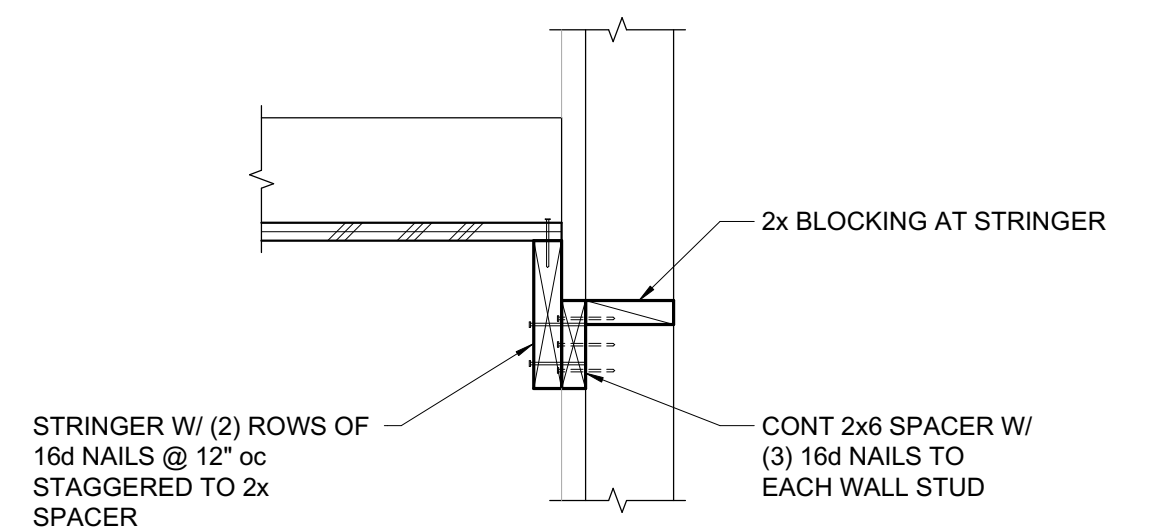
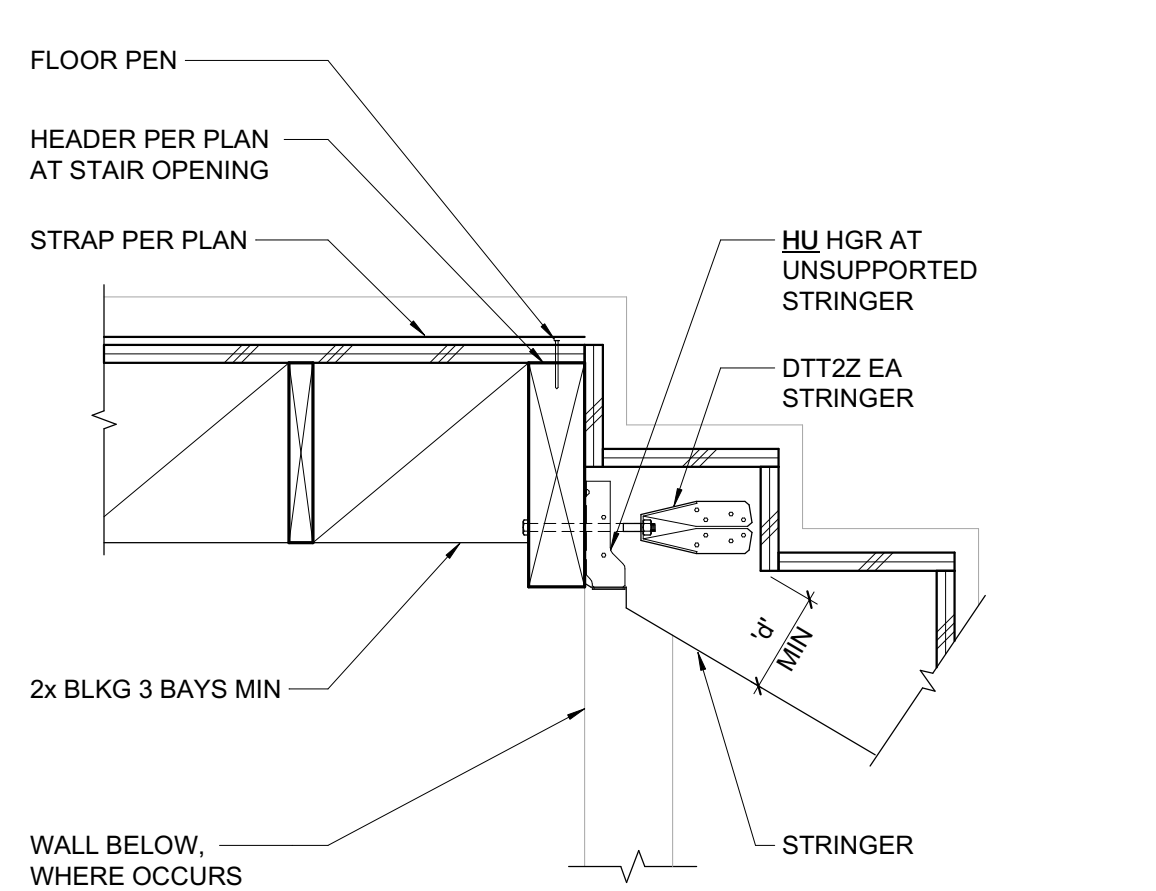
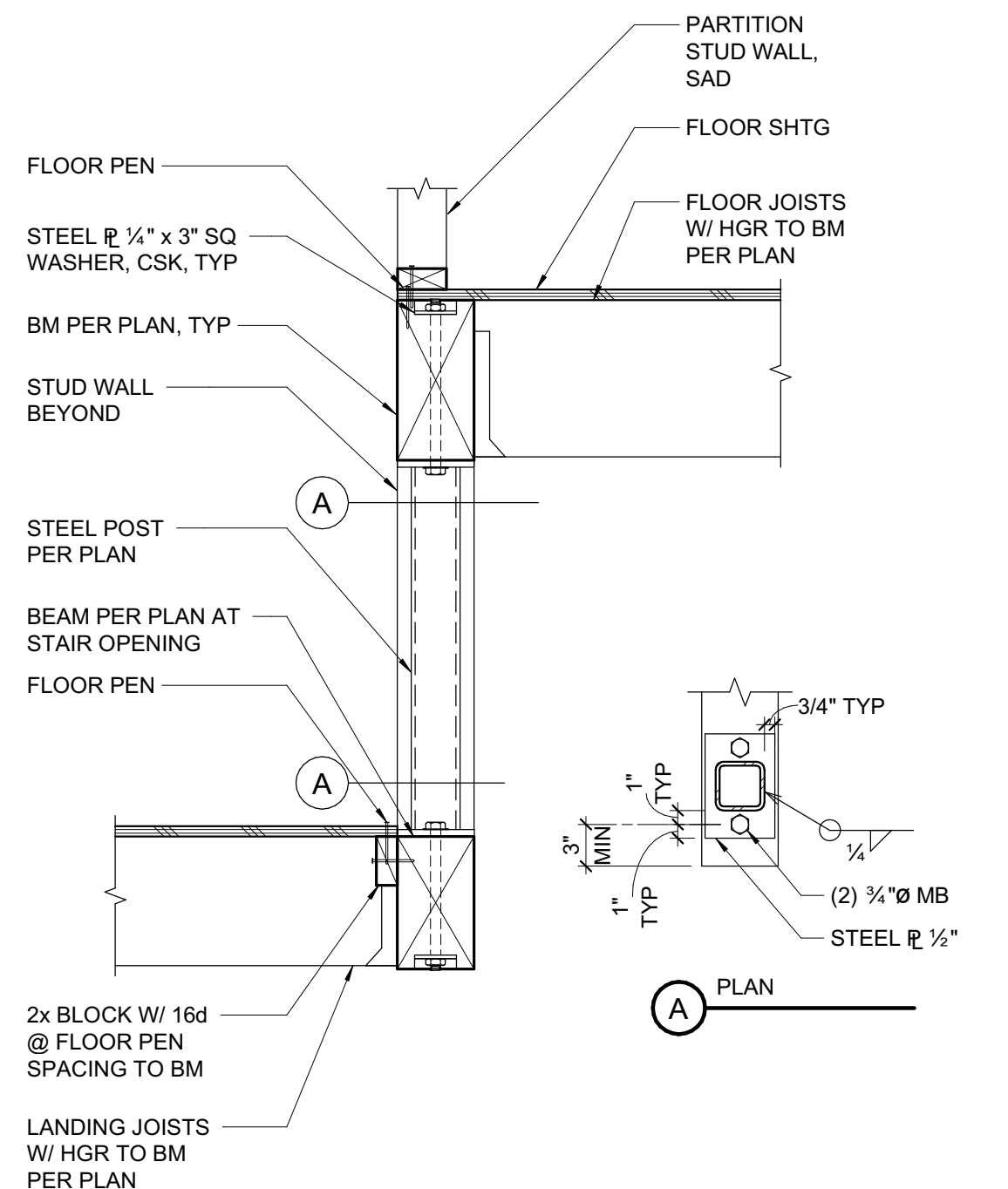
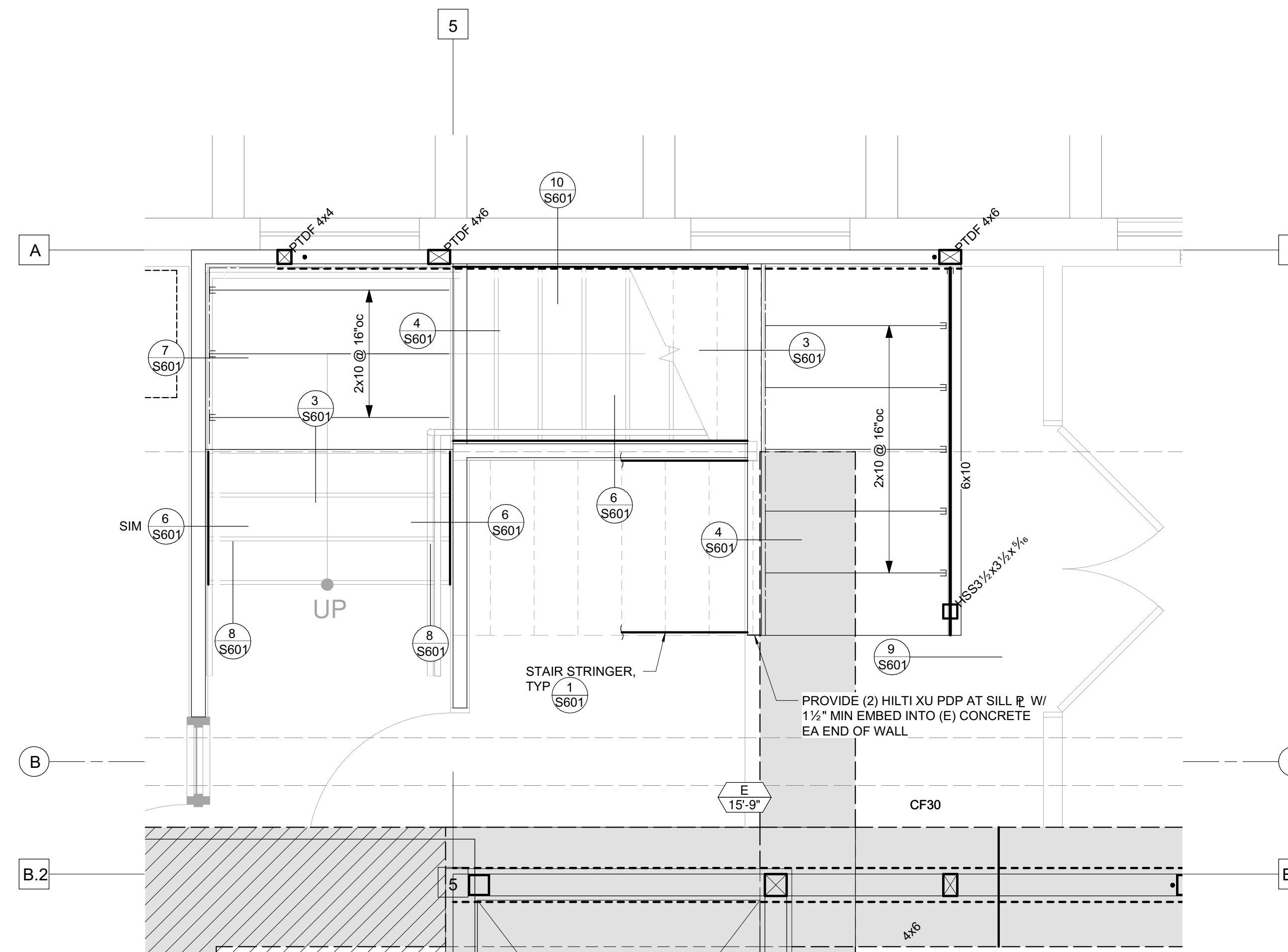
7 WALL SUPPORTED LANDING FRAMING  
 1" = 1'-0"

8 STRINGER AT EXISTING CONCRETE  
 1" = 1'-0"

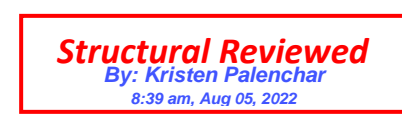
2 STAIR LANDING PLAN  
 1/2" = 1'-0"

4 STRINGER AT LANDING  
 1" = 1'-0"

3 STRINGER AT LANDING  
 1" = 1'-0"



CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
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 By: ROSALINA ACUFF



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**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
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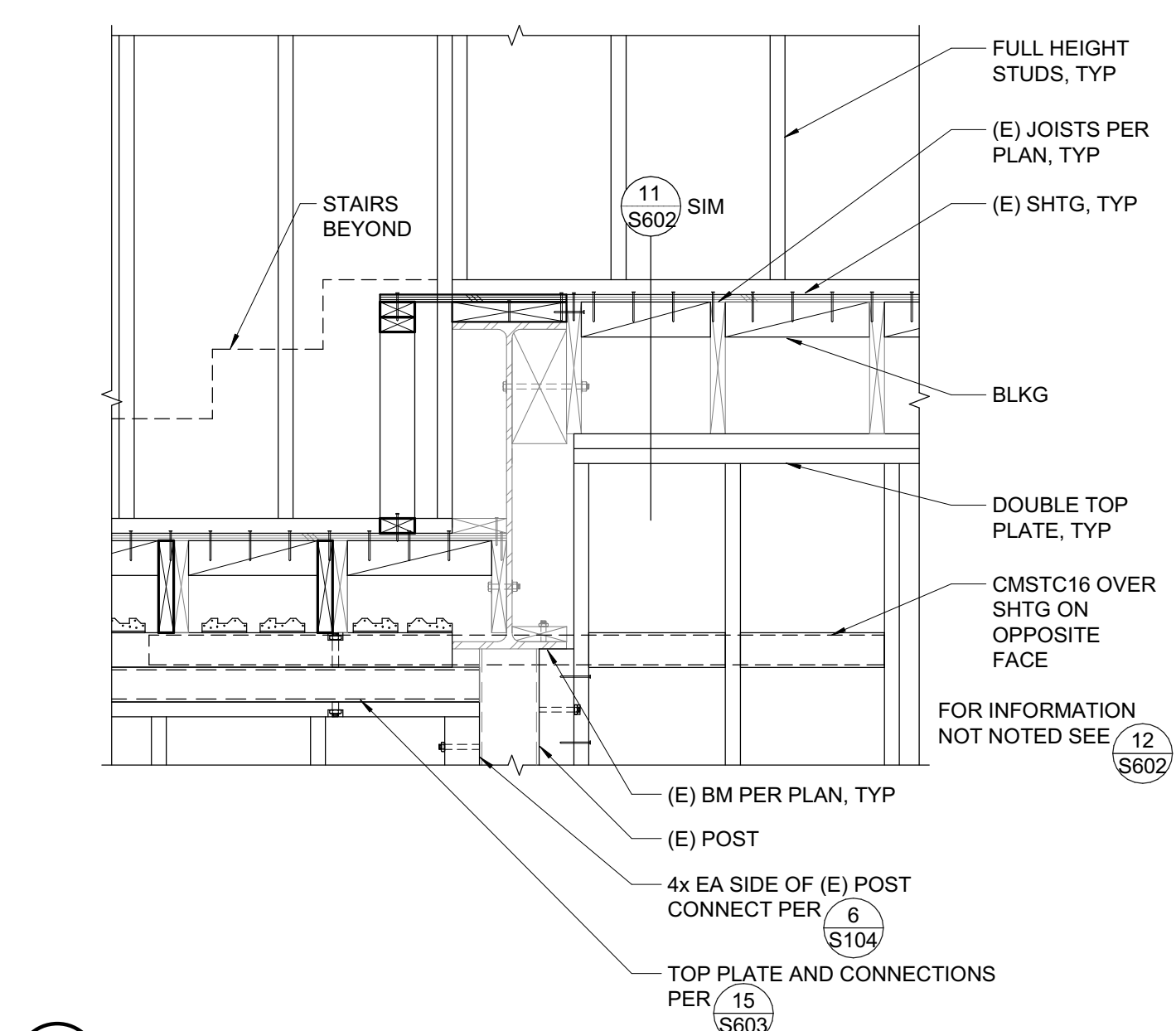
**REVIEWED**  
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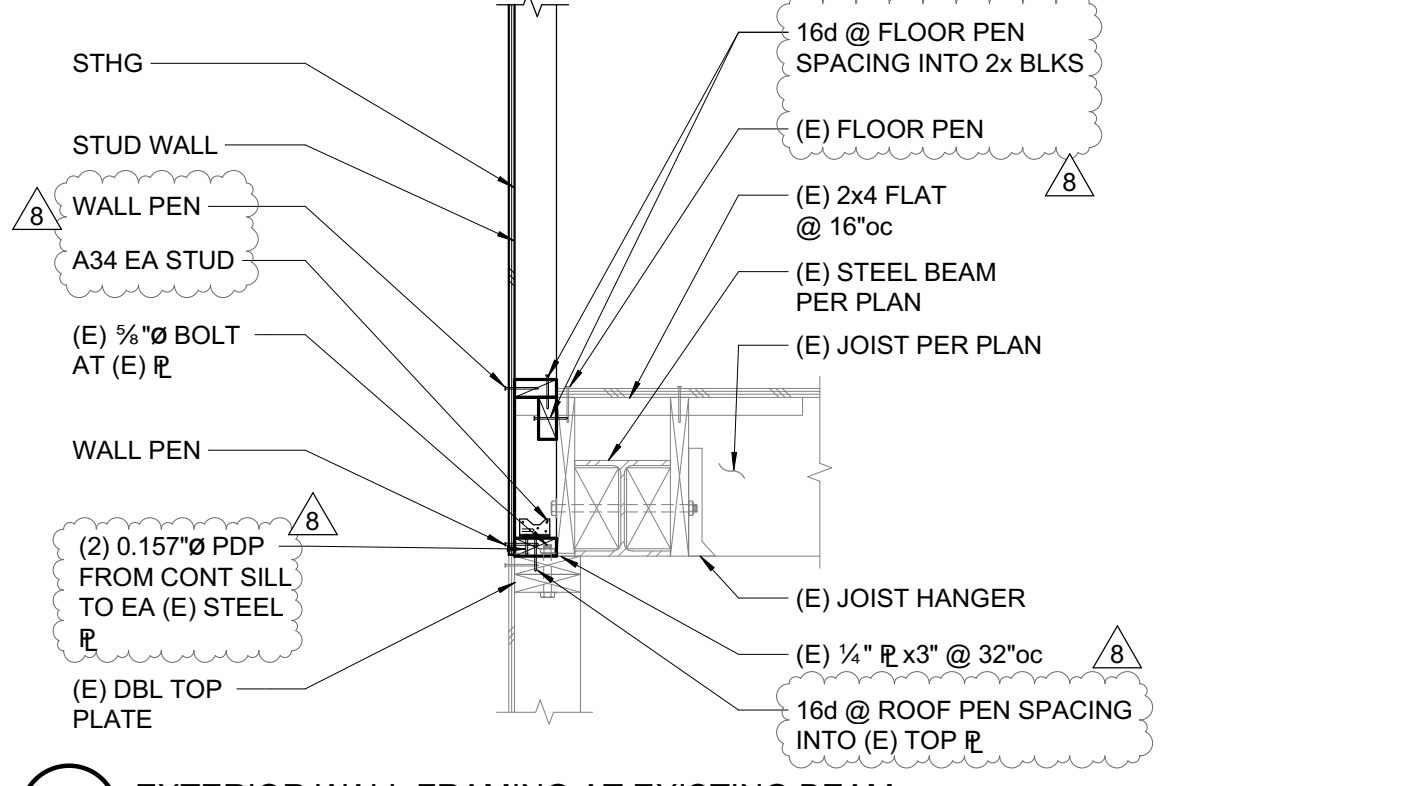
JOB NO.  
 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**SECOND FLOOR  
 DETAILS**

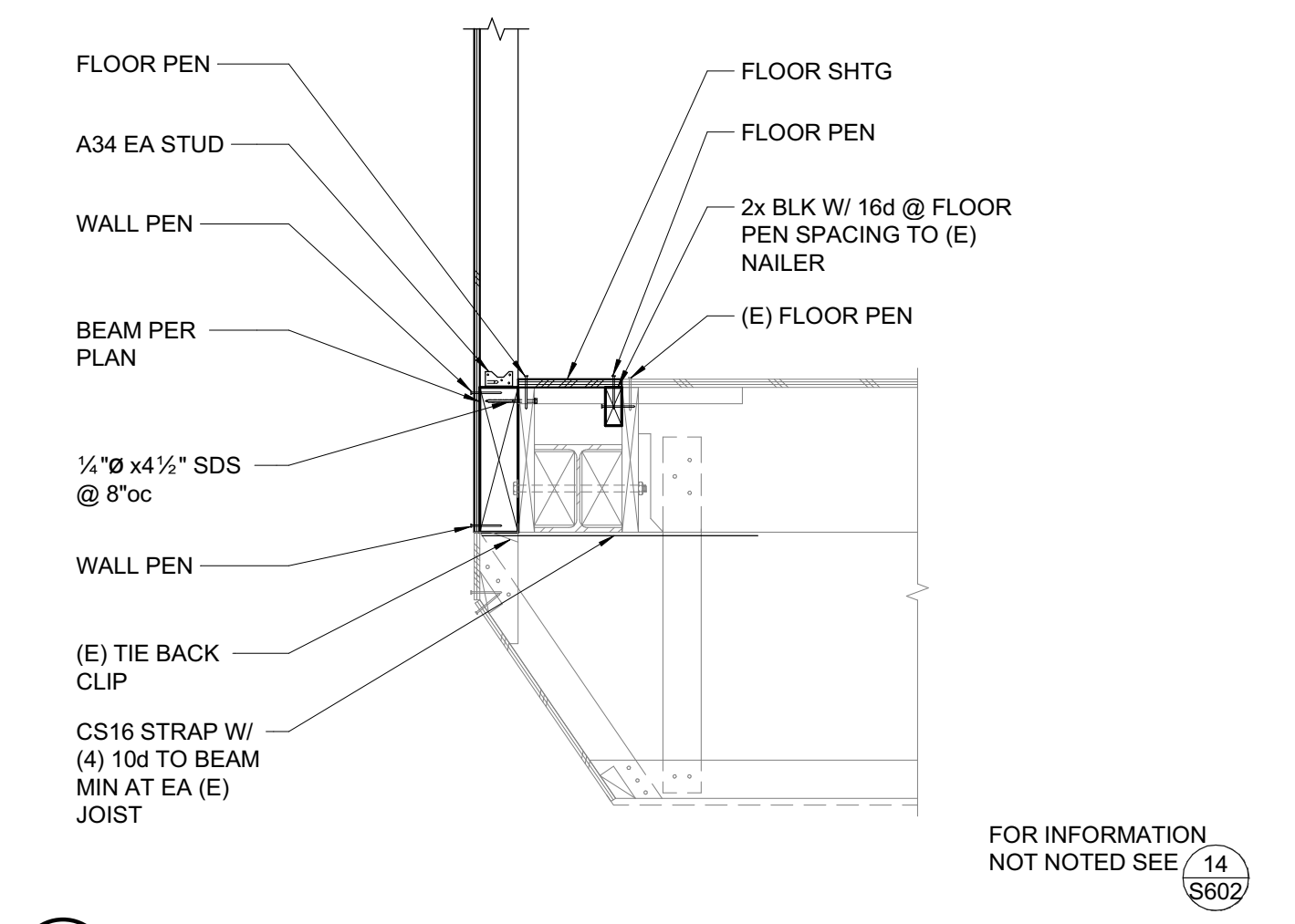
**S602**



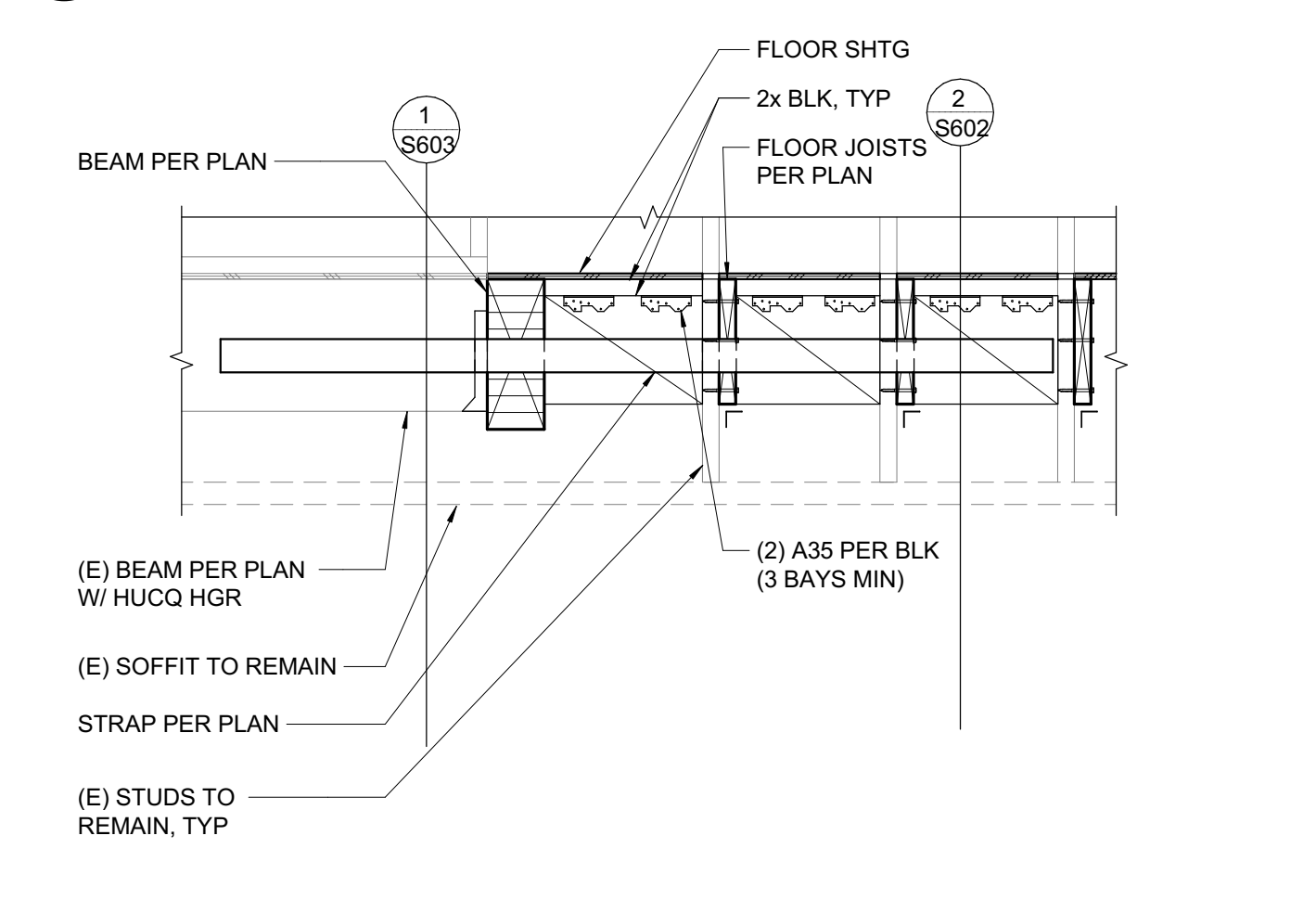
**11 FLOOR FRAMING AT STEP**  
 3/4" = 1'-0"



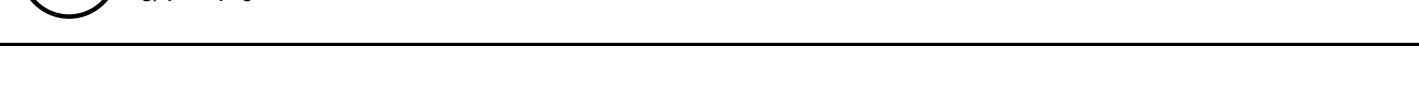
**13 FLOOR FRAMING AT STEP**  
 3/4" = 1'-0"



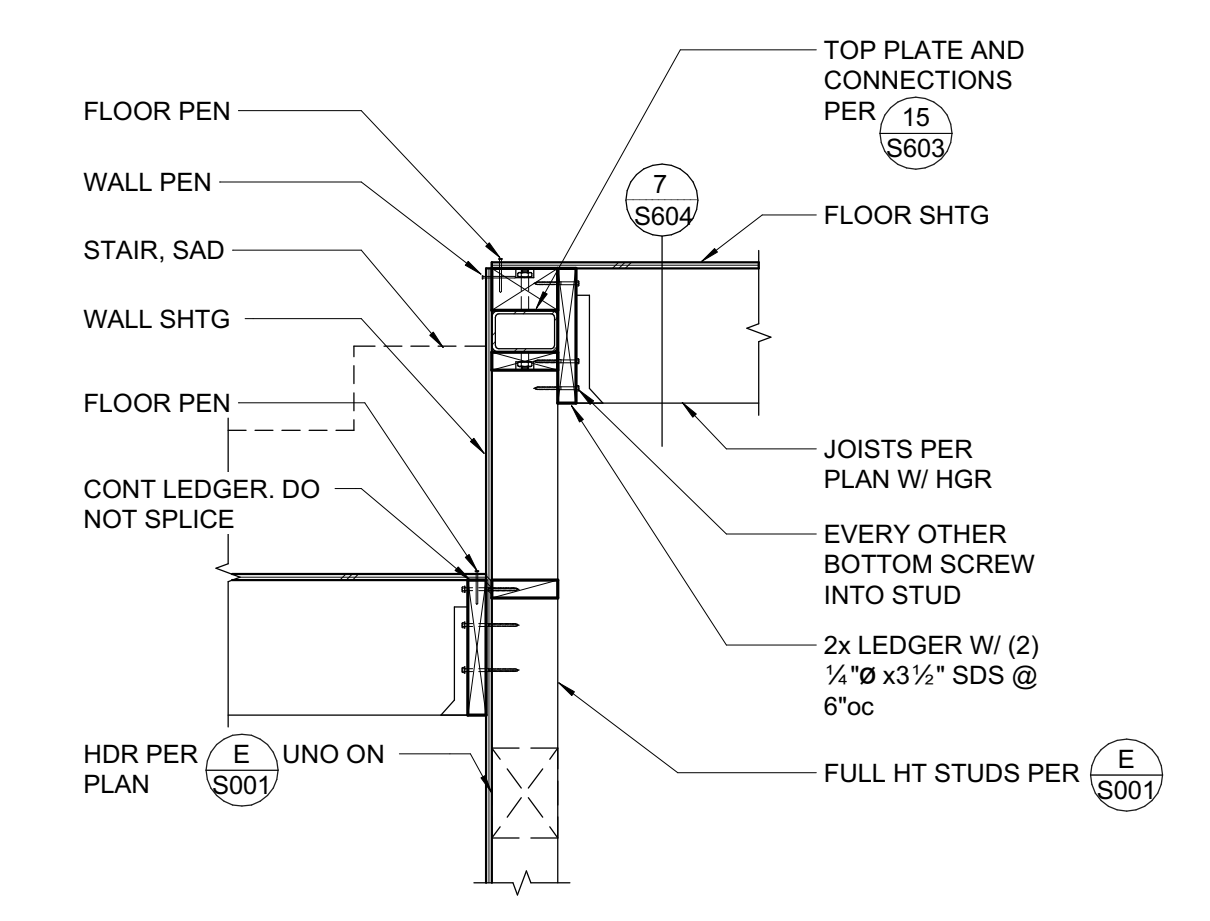
**14 EXTERIOR WALL FRAMING AT EXISTING BEAM**  
 3/4" = 1'-0"



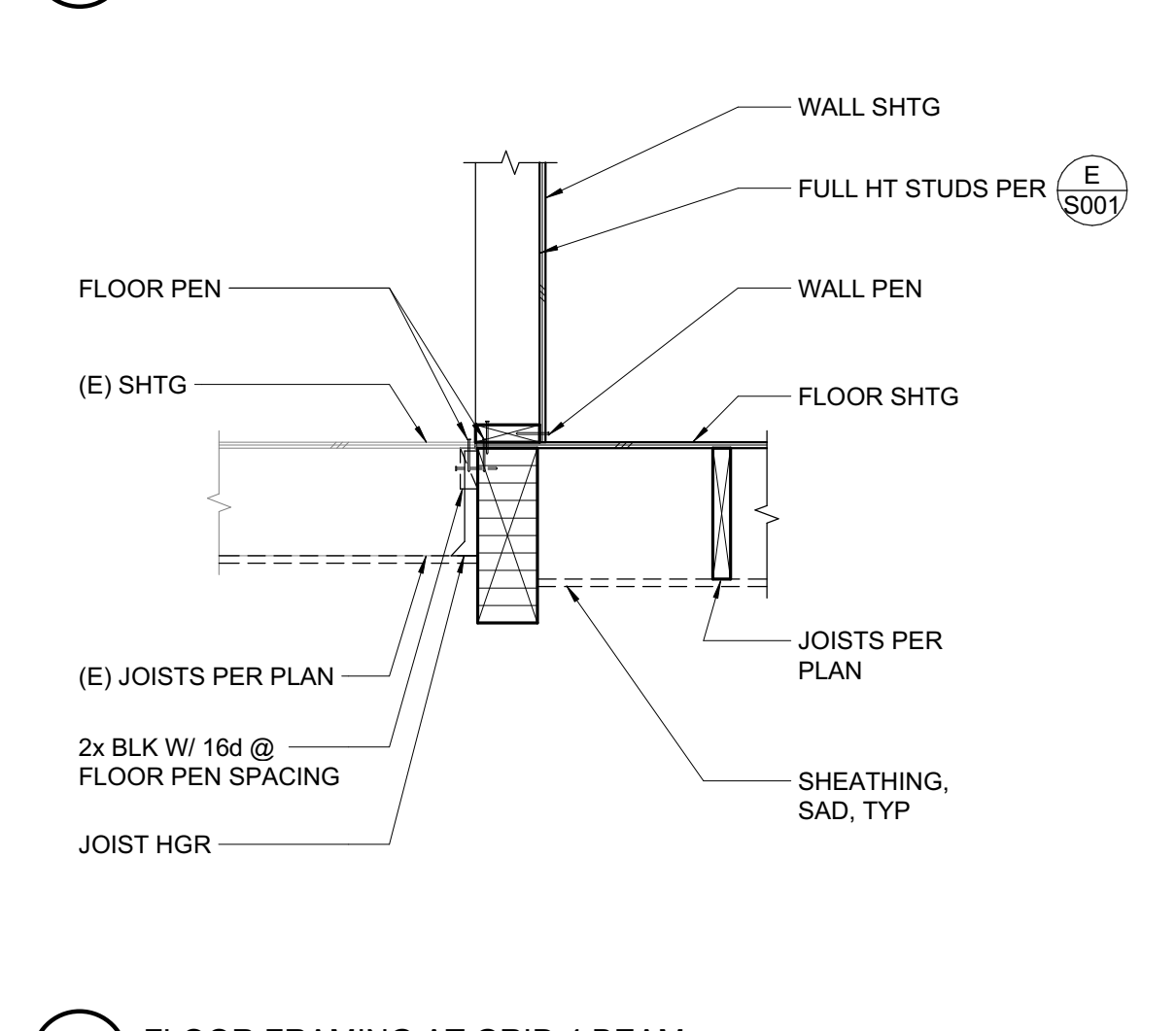
**15 EXTERIOR WALL FRAMING AT EXISTING BEAM**  
 3/4" = 1'-0"



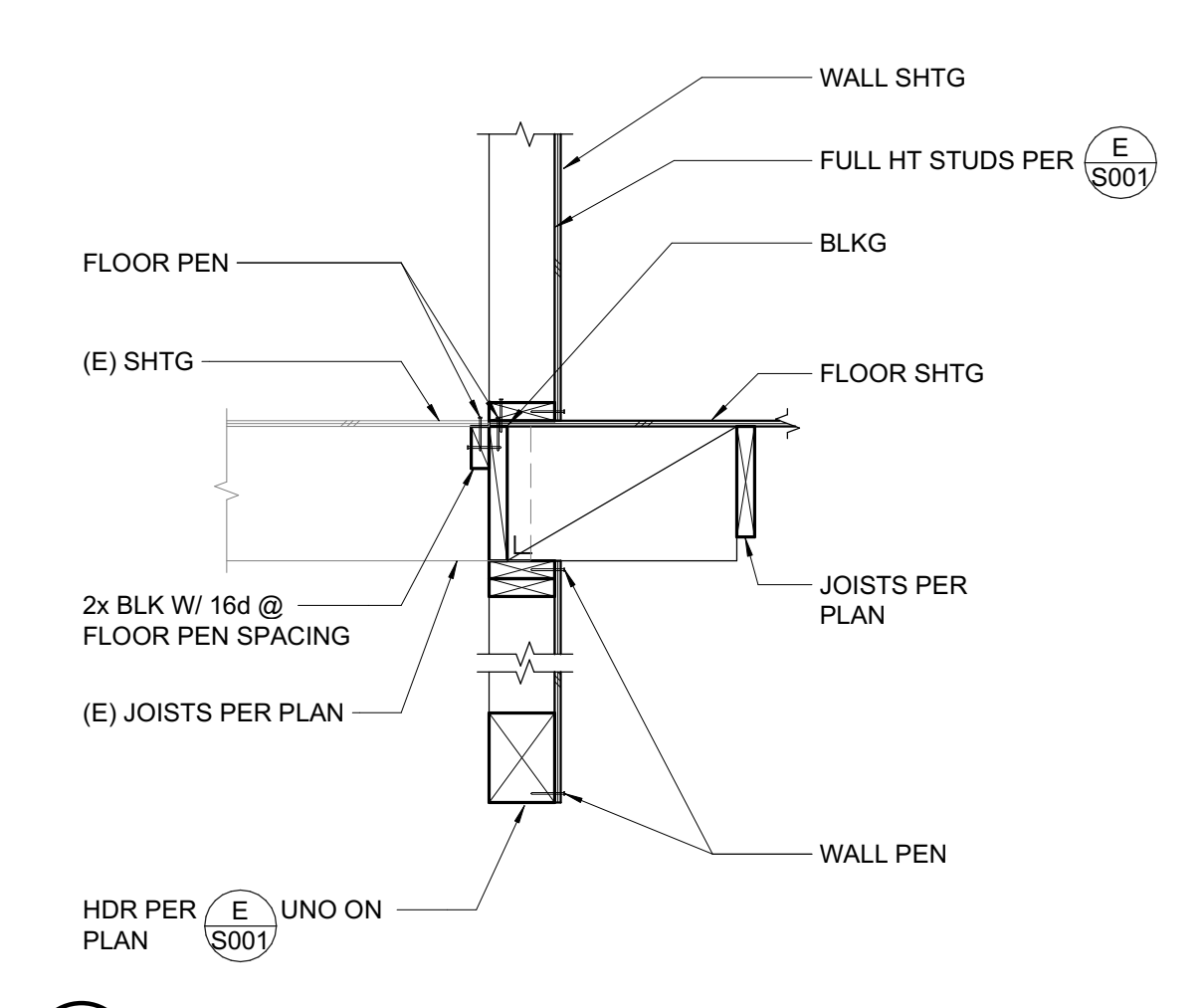
**16 HEADER AT ENTRY**  
 3/4" = 1'-0"



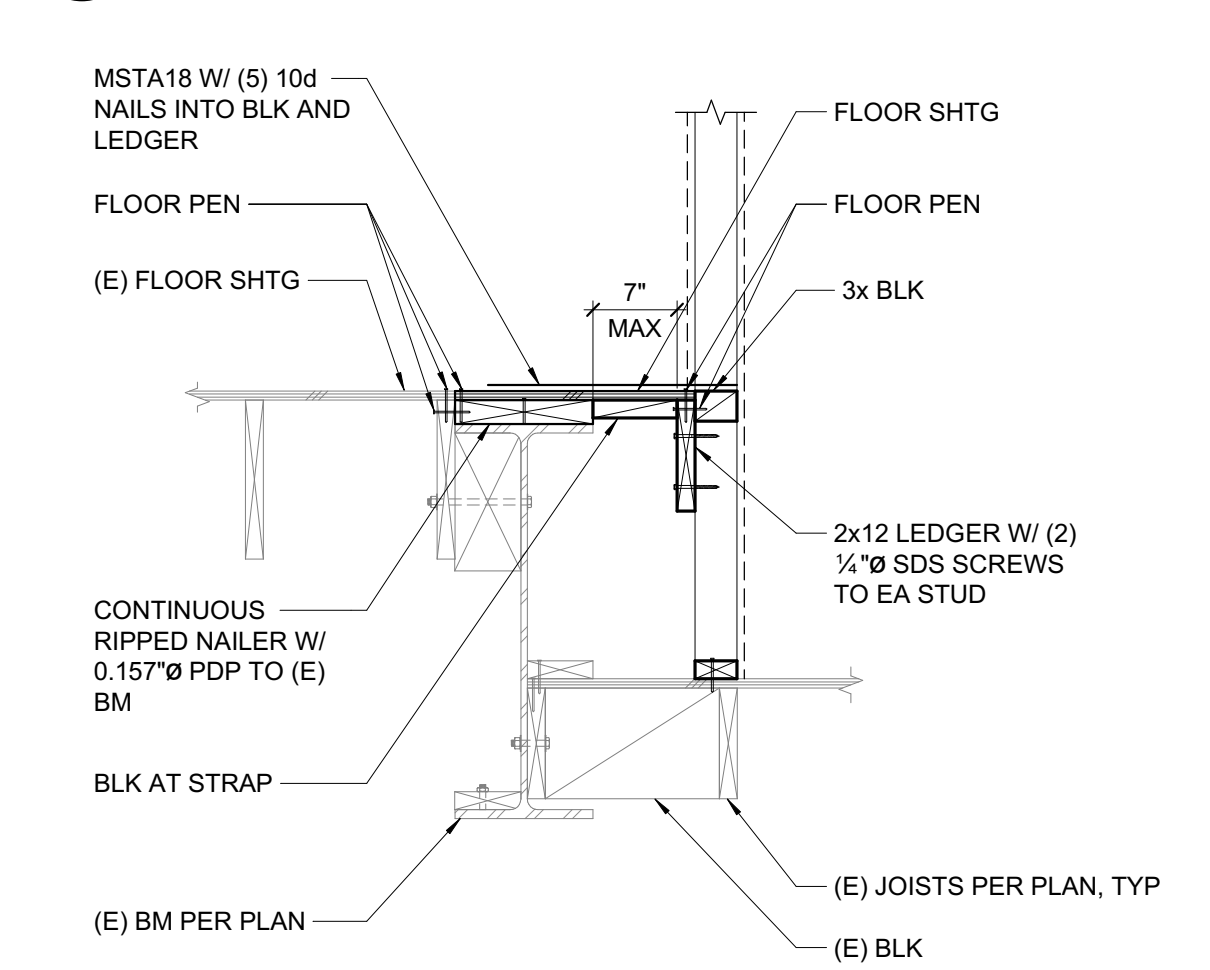
**9 FLOOR FRAMING AT STEP**  
 3/4" = 1'-0"



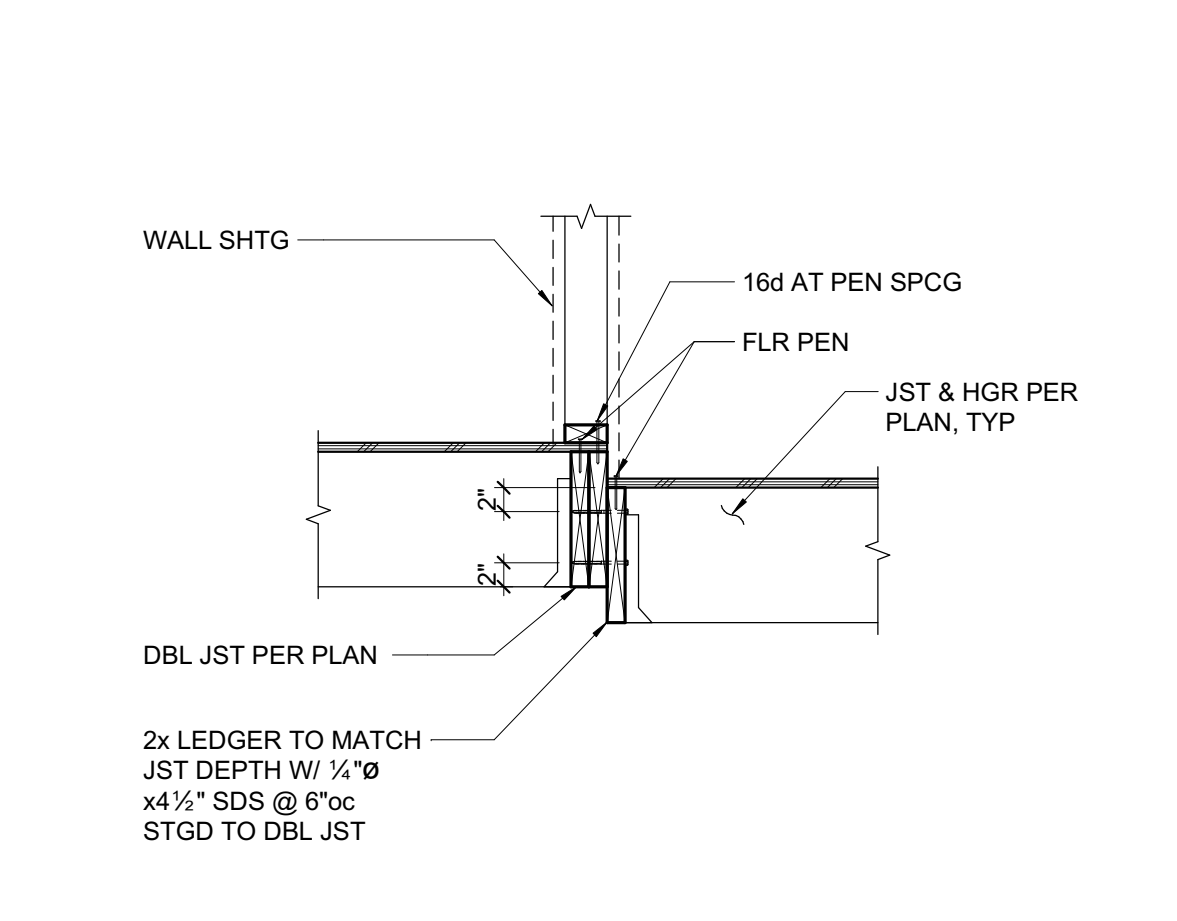
**10 FLOOR FRAMING AT GRID 4 BEAM**  
 3/4" = 1'-0"



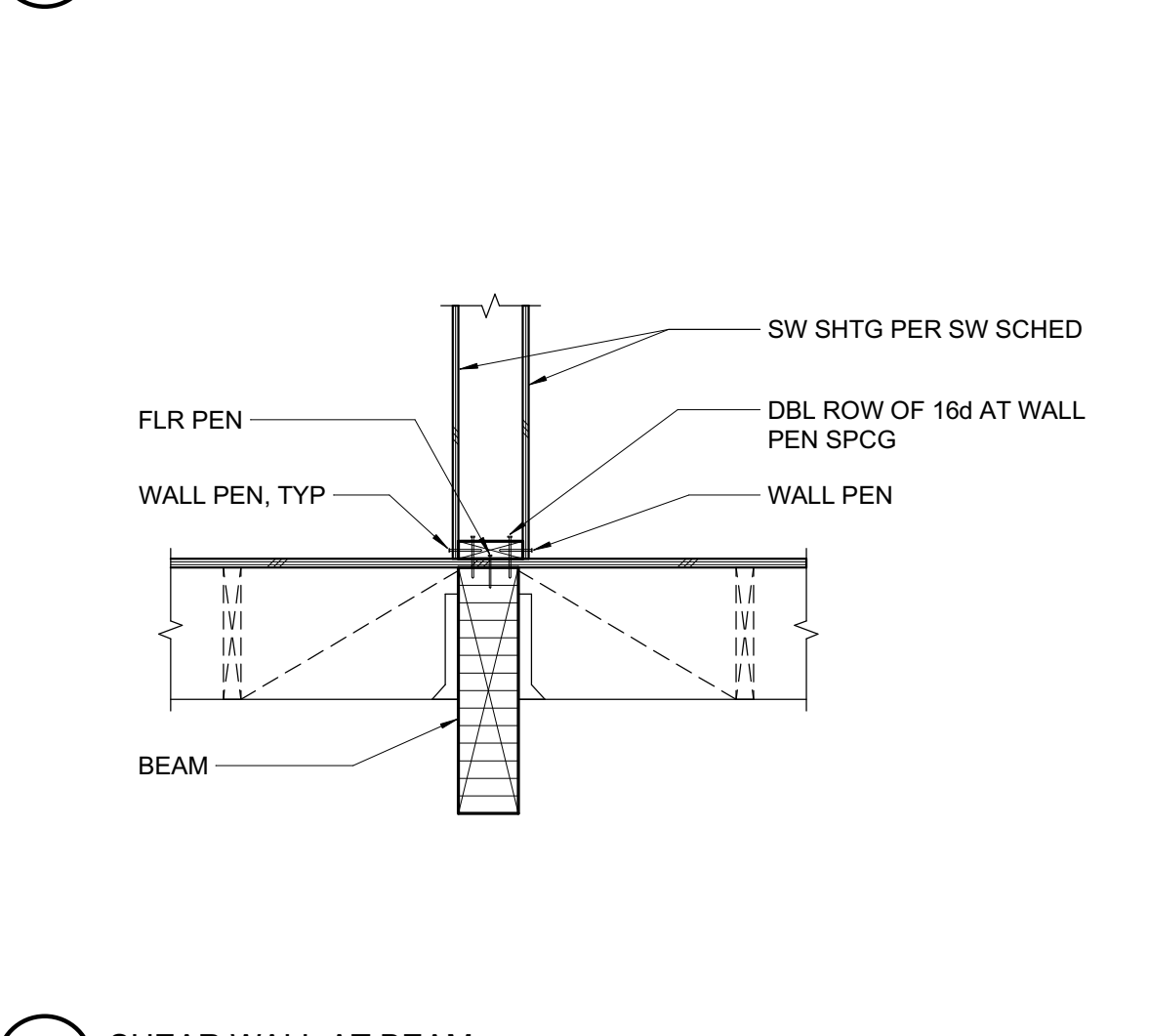
**11 FLOOR FRAMING AT GRID 4**  
 3/4" = 1'-0"



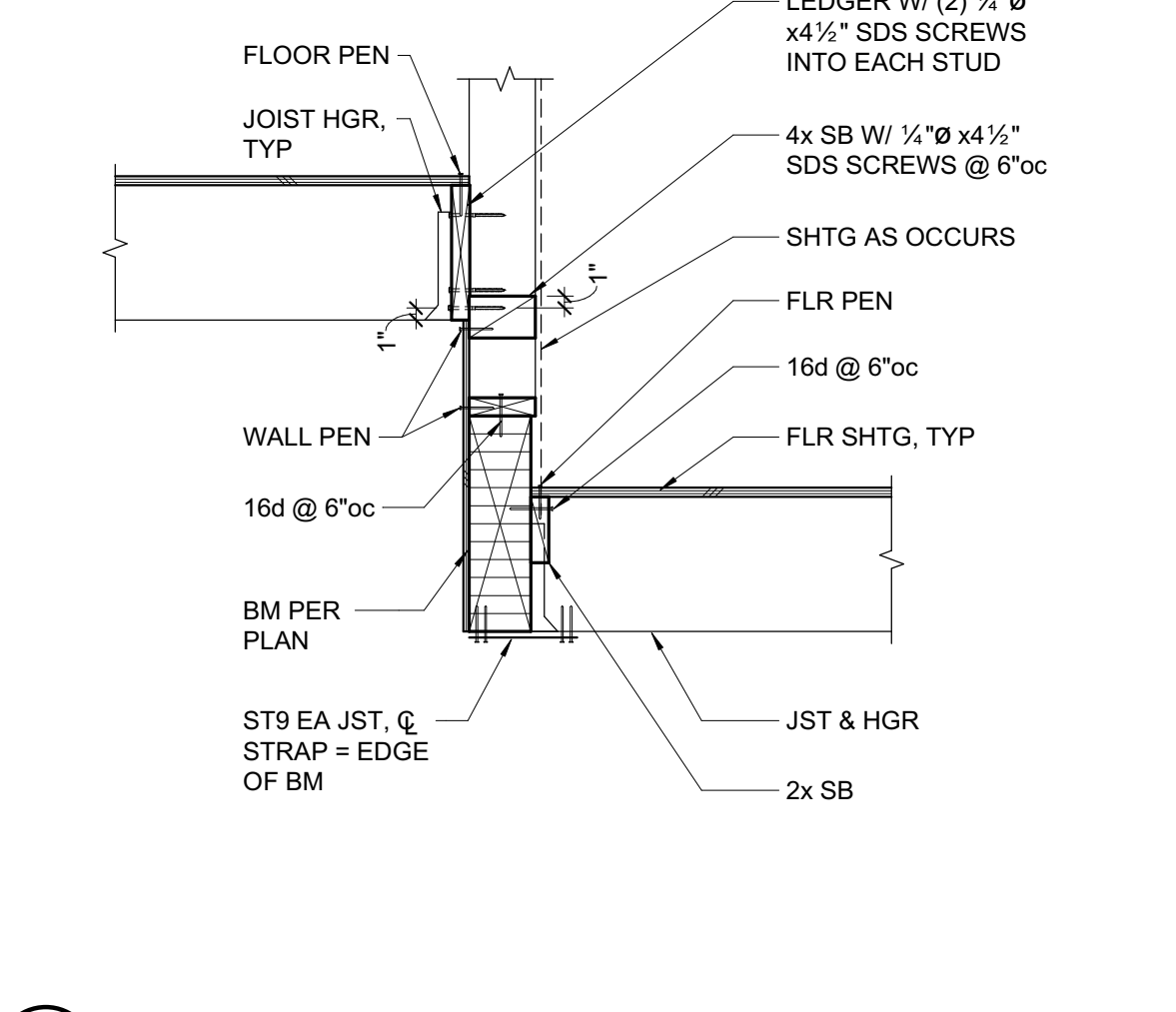
**12 FLOOR FRAMING AT STEP**  
 3/4" = 1'-0"



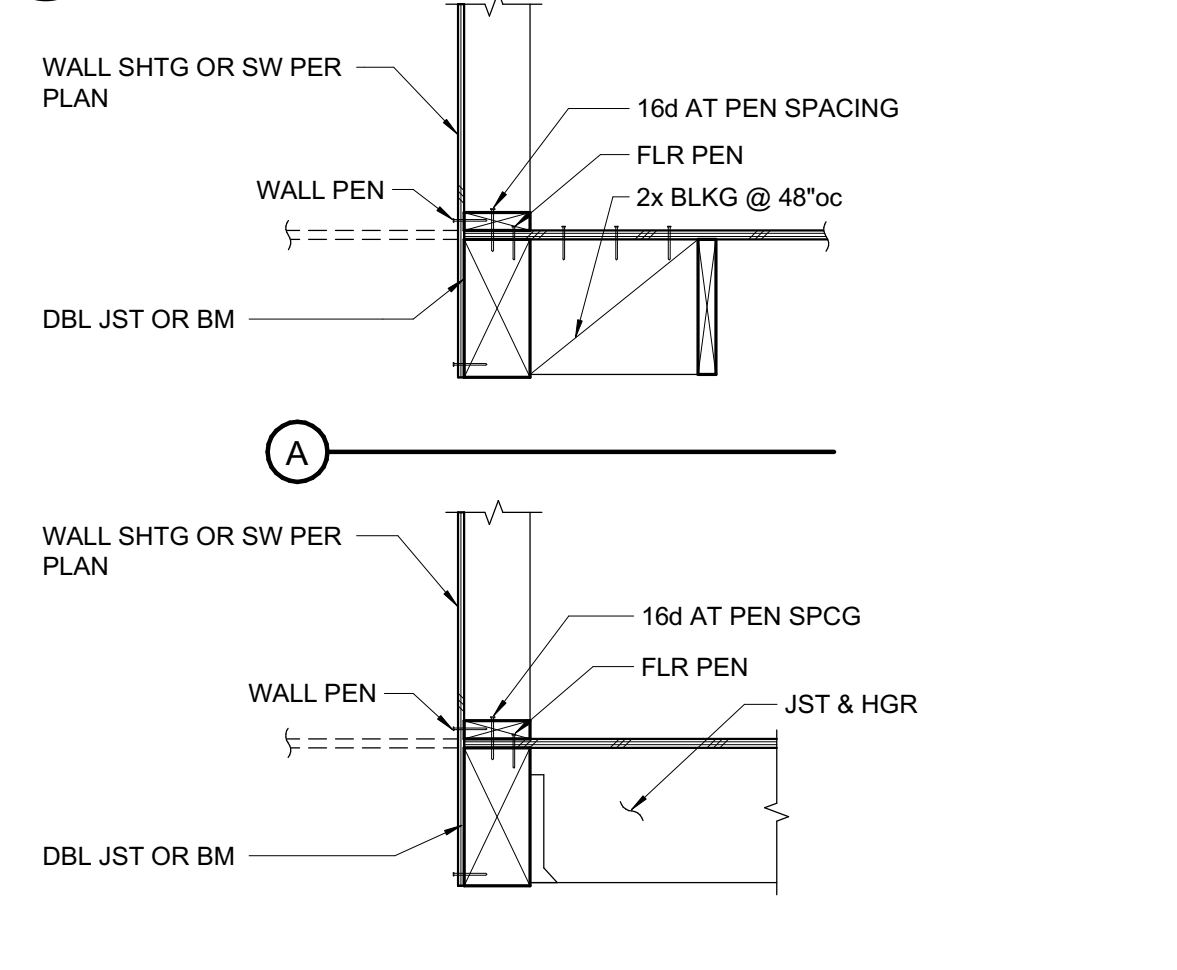
**5 INTERIOR WALL AT FLOOR FRAMING**  
 3/4" = 1'-0"



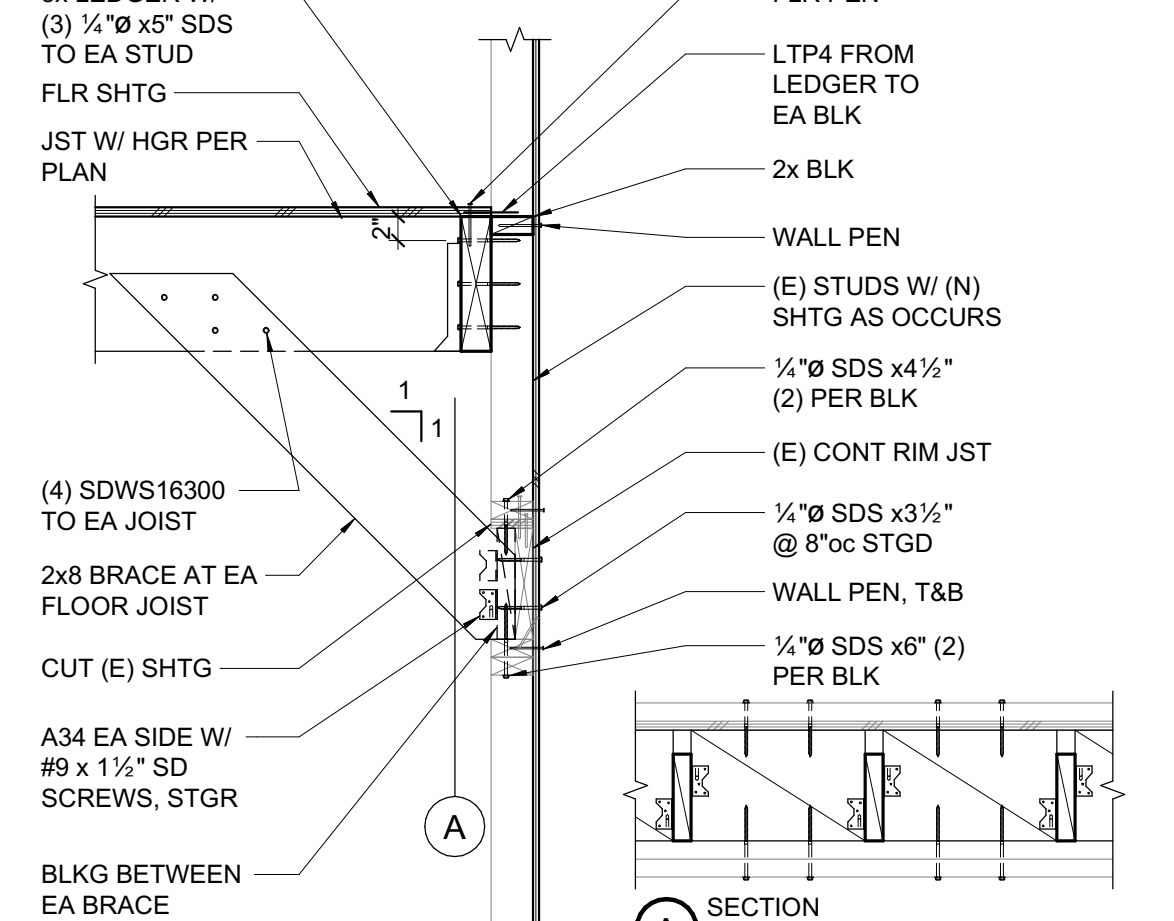
**6 SHEAR WALL AT BEAM**  
 3/4" = 1'-0"



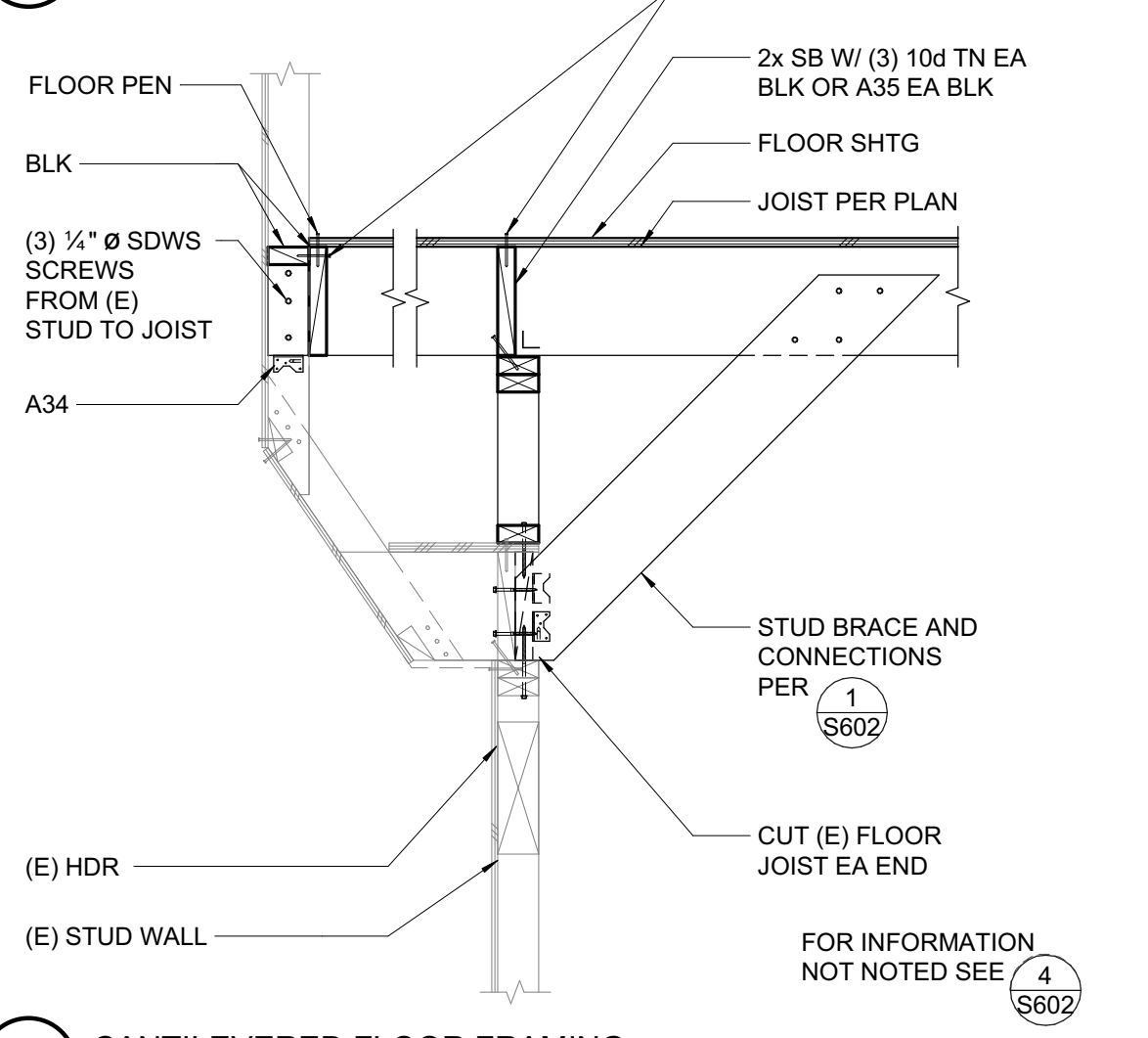
**7 WALL AT BEAM**  
 3/4" = 1'-0"



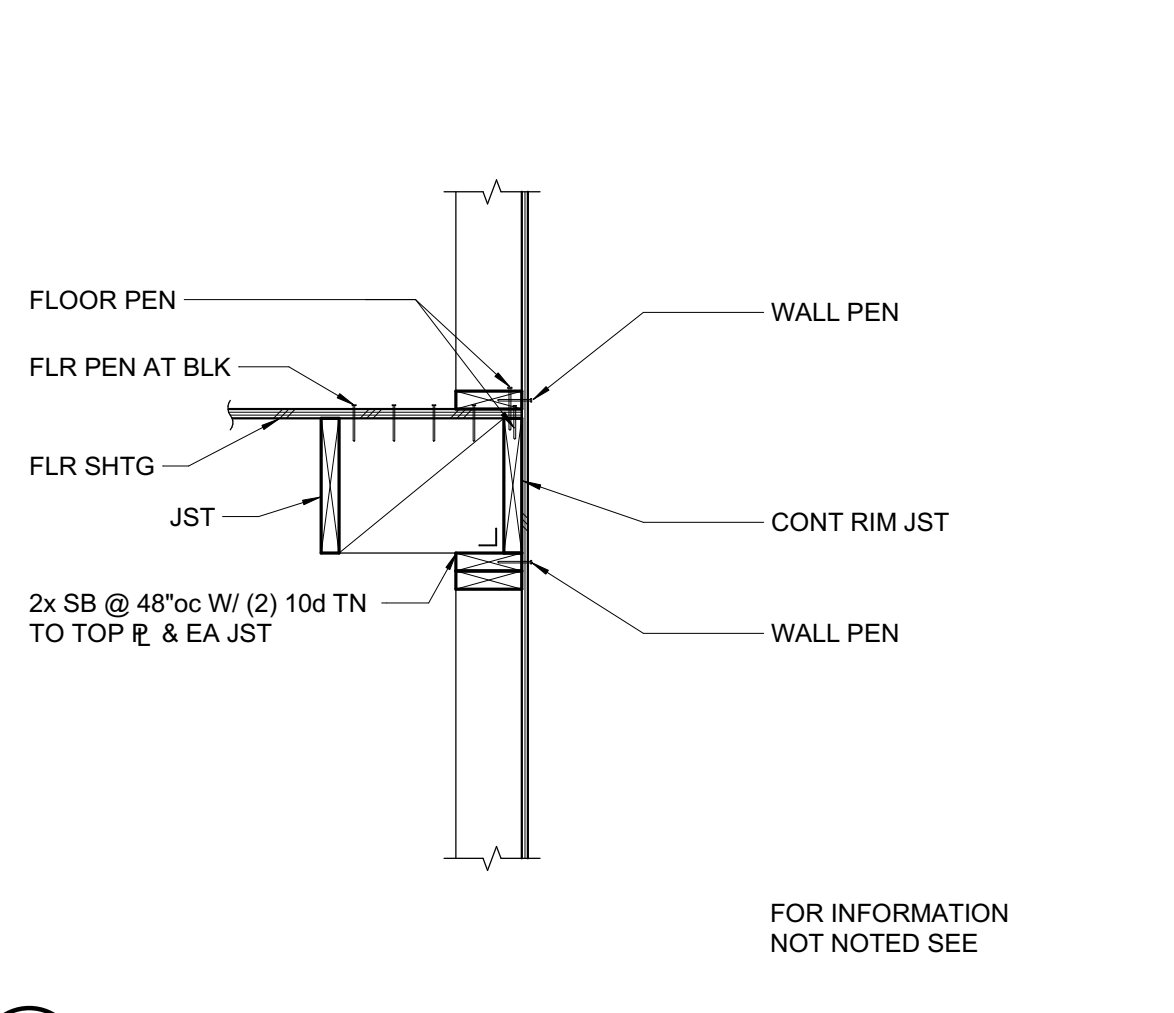
**8 INTERIOR WALL AT FLOOR FRAMING**  
 3/4" = 1'-0"



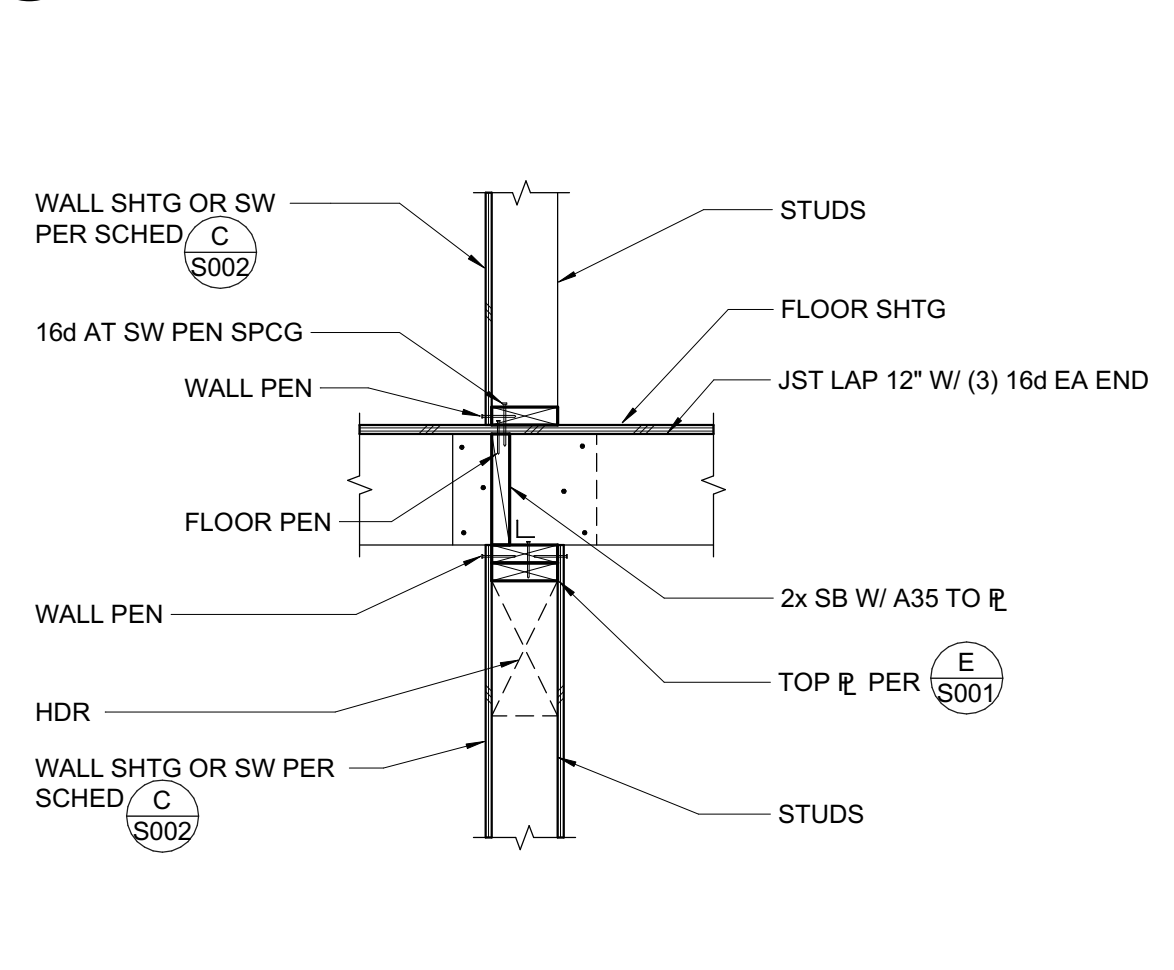
**1 FLOOR FRAMING AT EXTERIOR WALL**  
 3/4" = 1'-0"



**2 CANTILEVERED FLOOR FRAMING**  
 3/4" = 1'-0"



**3 PARALLEL FLOOR FRAMING AT EXTERIOR WALL**  
 3/4" = 1'-0"



**4 INTERIOR BEARING WALL**  
 3/4" = 1'-0"



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064  
 ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600  
 STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
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 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544  
 MEP: LIST ENGINEERING CO.  
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 CONTACT: RON BLUE  
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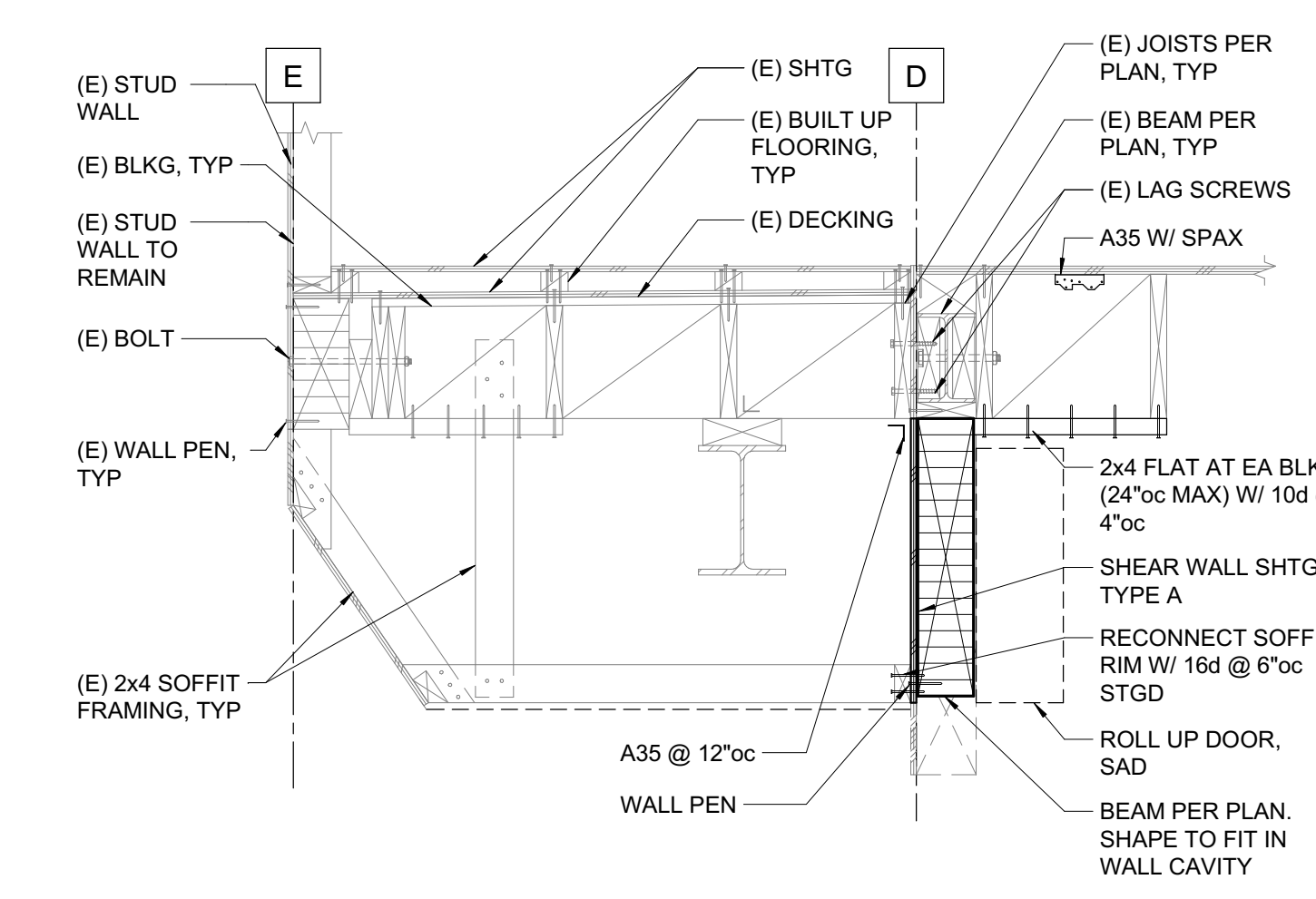
CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTION AT ALL TIMES.  
 10:12 am, Aug 05, 2022  
 REVIEWED  
 FOR COMPLIANCE WITH COUNTY BUILDING REGS. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
1	PRELIMINARY SCHEMATIC PRICING SET	9/27/2021
2	50% DESIGN DEVELOPMENT	11/19/2021
4	100% DESIGN DEVELOPMENT	12/17/2021
5	PERMIT SUBMITTAL	4/01/2022
8	PLAN CHECK COMMENTS	7/22/2022

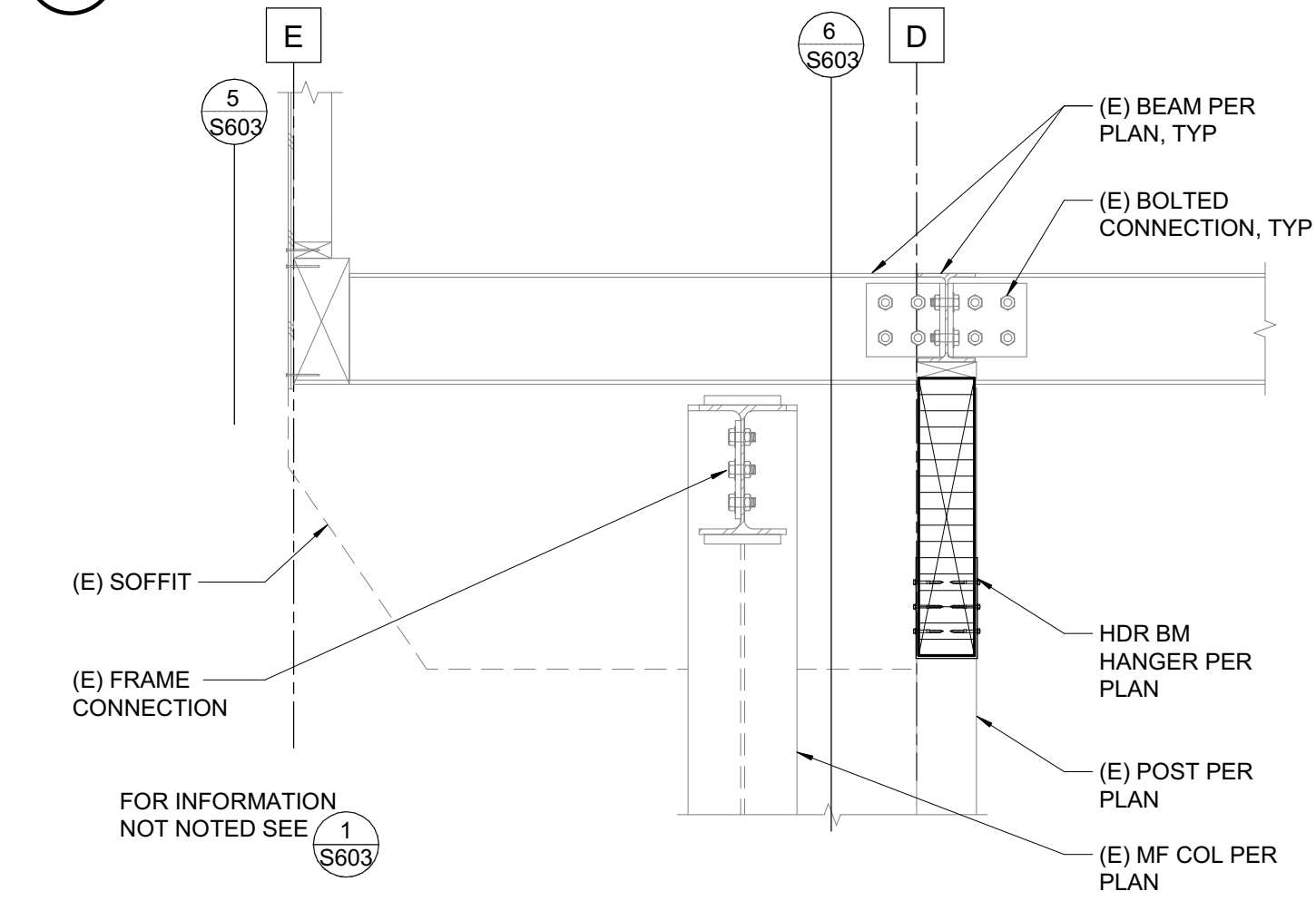
JOB NO.  
 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**SECOND FLOOR  
 DETAILS**

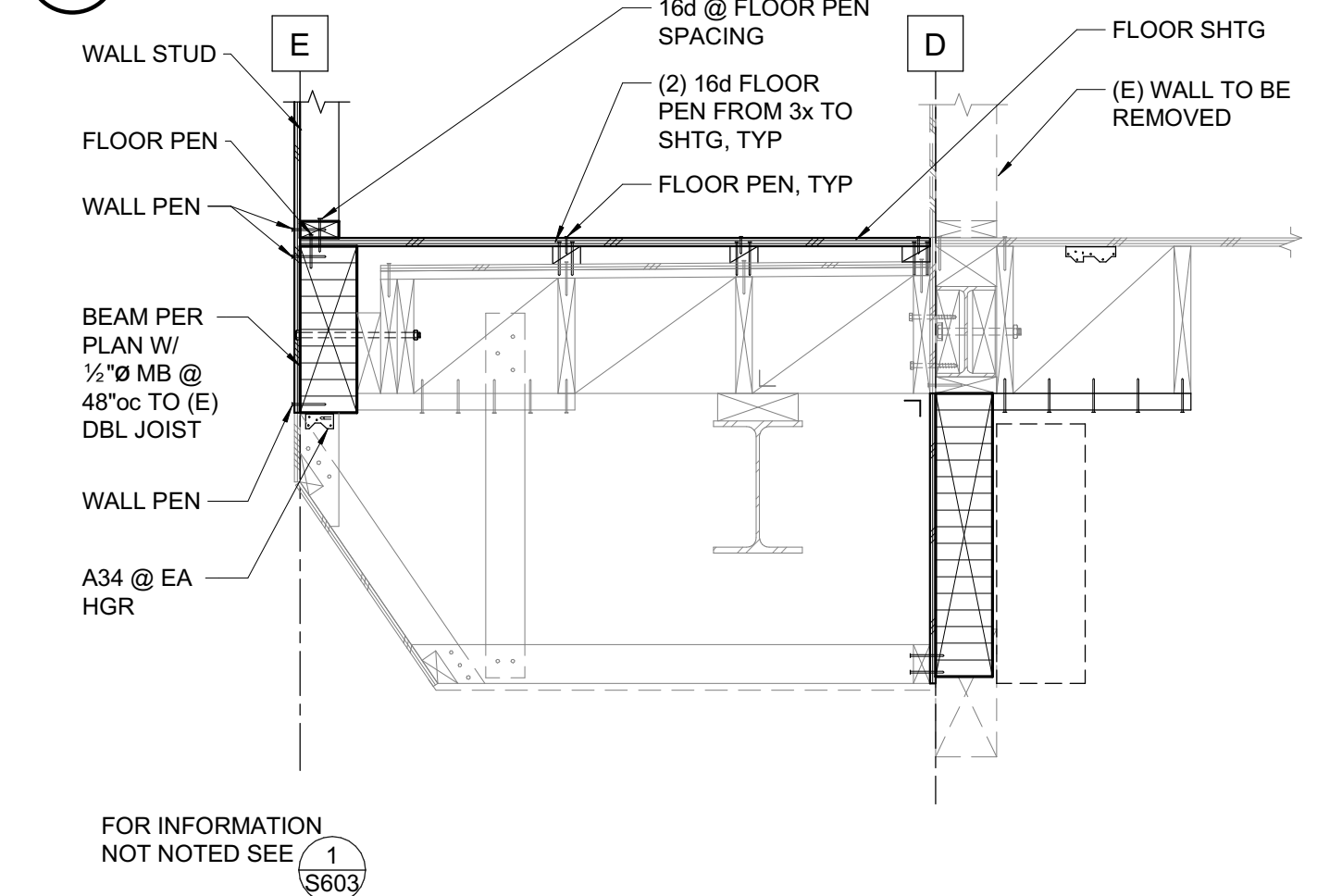
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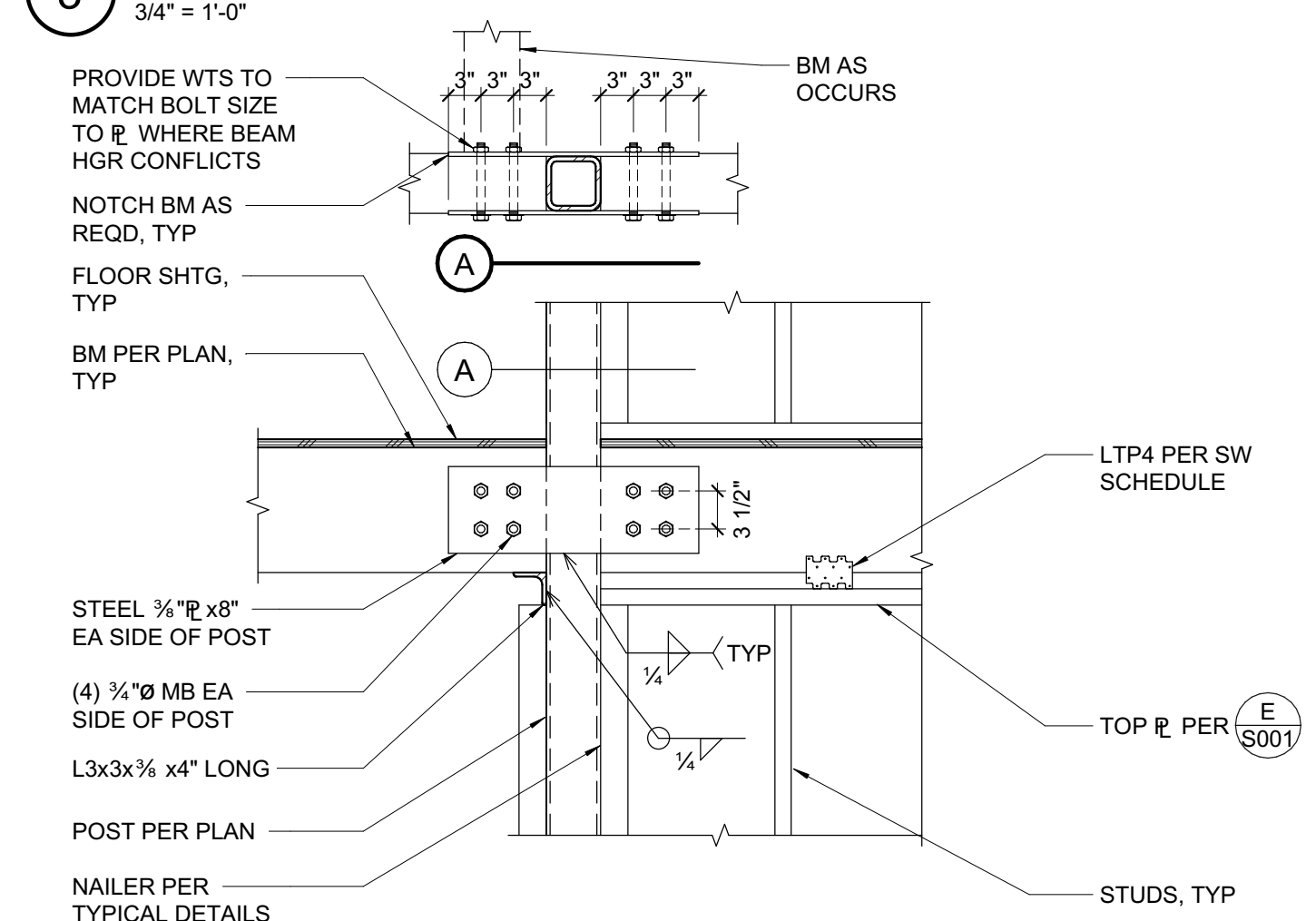
**1 APPARATUS BAY HEADER**  
 3/4" = 1'-0"



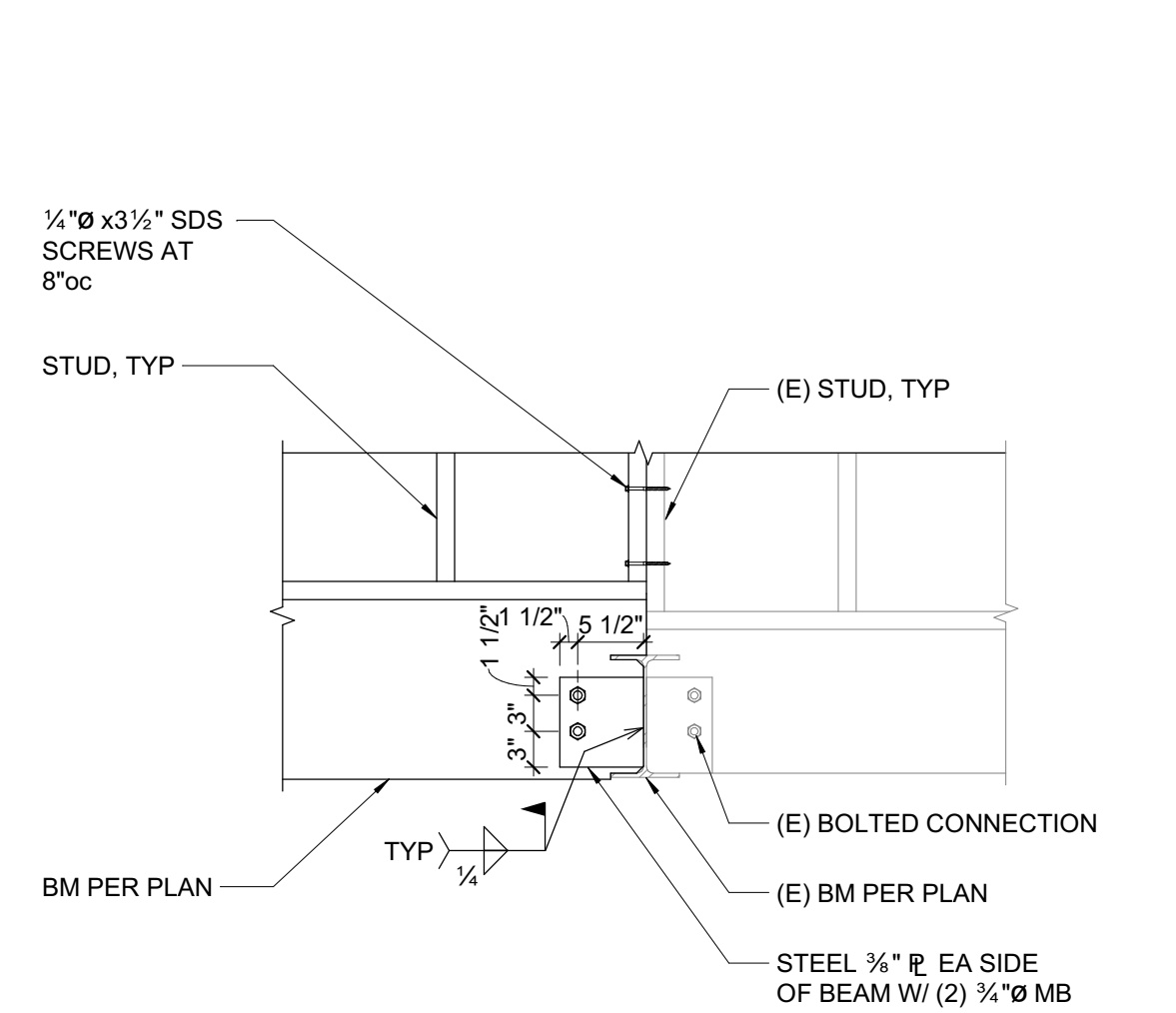
**2 APPARATUS BAY HEADER AT POST**  
 3/4" = 1'-0"



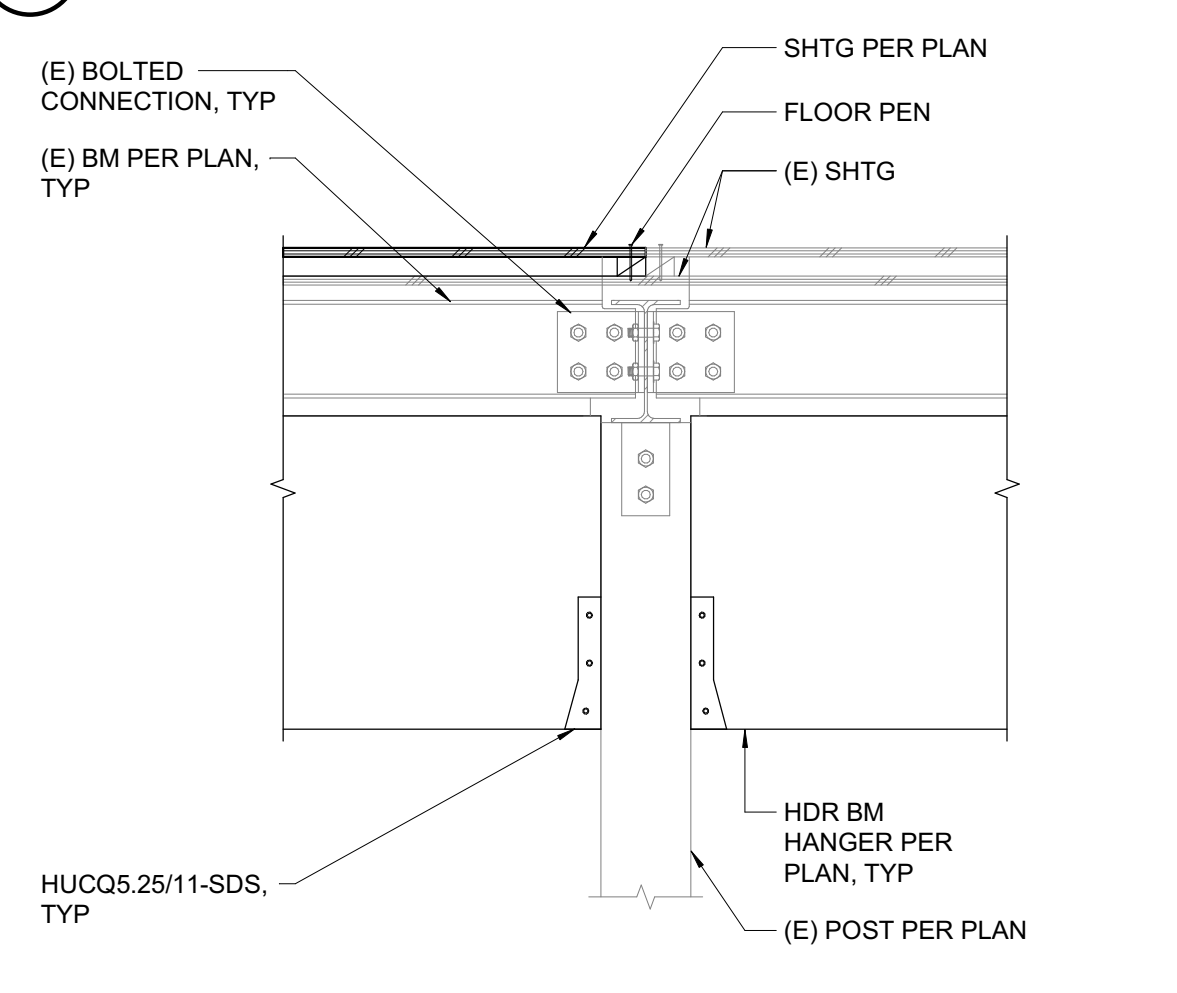
**3 APPARATUS BAY EXTERIOR WALL SUPPORT**  
 3/4" = 1'-0"



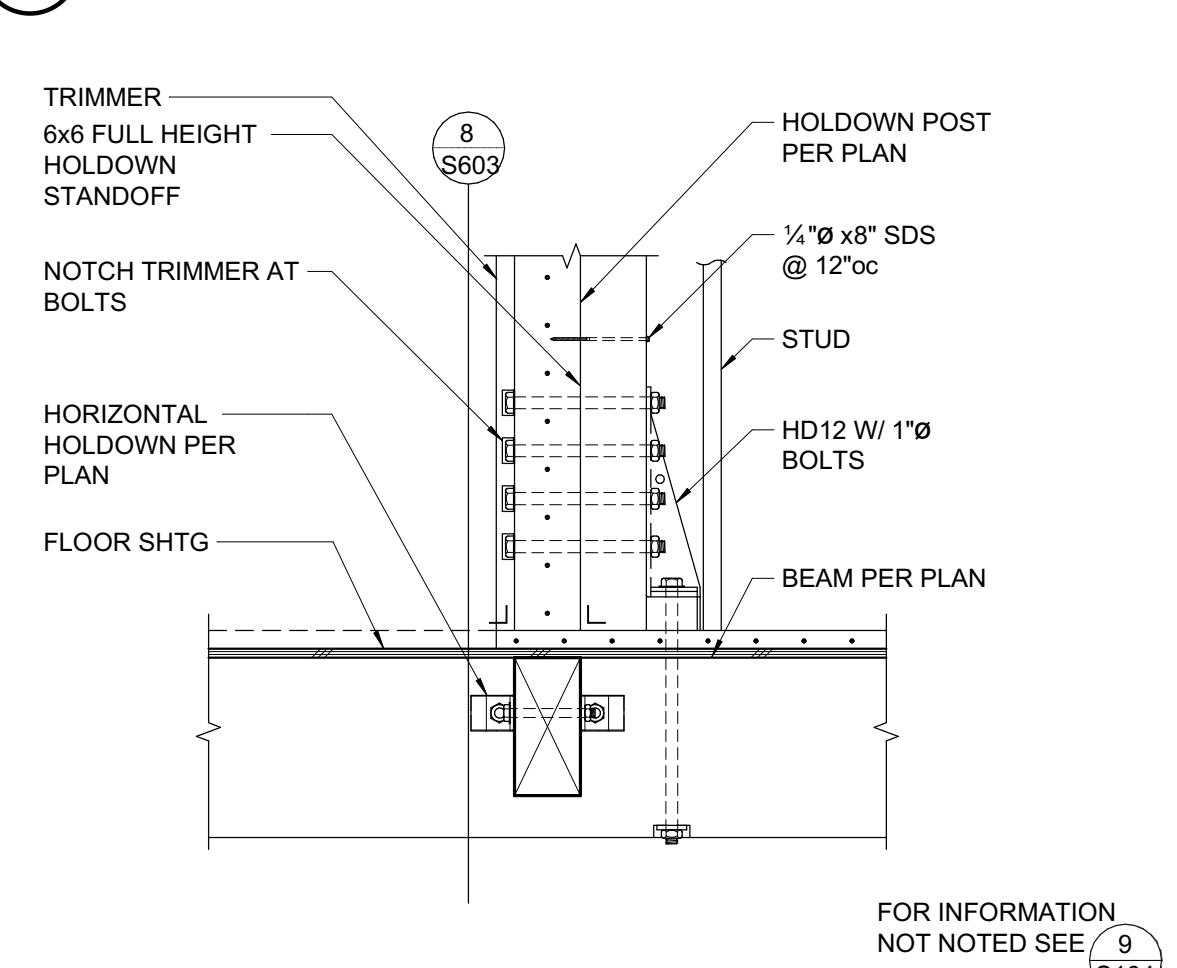
**4 COLLECTOR AT STEEL POST**  
 3/4" = 1'-0"



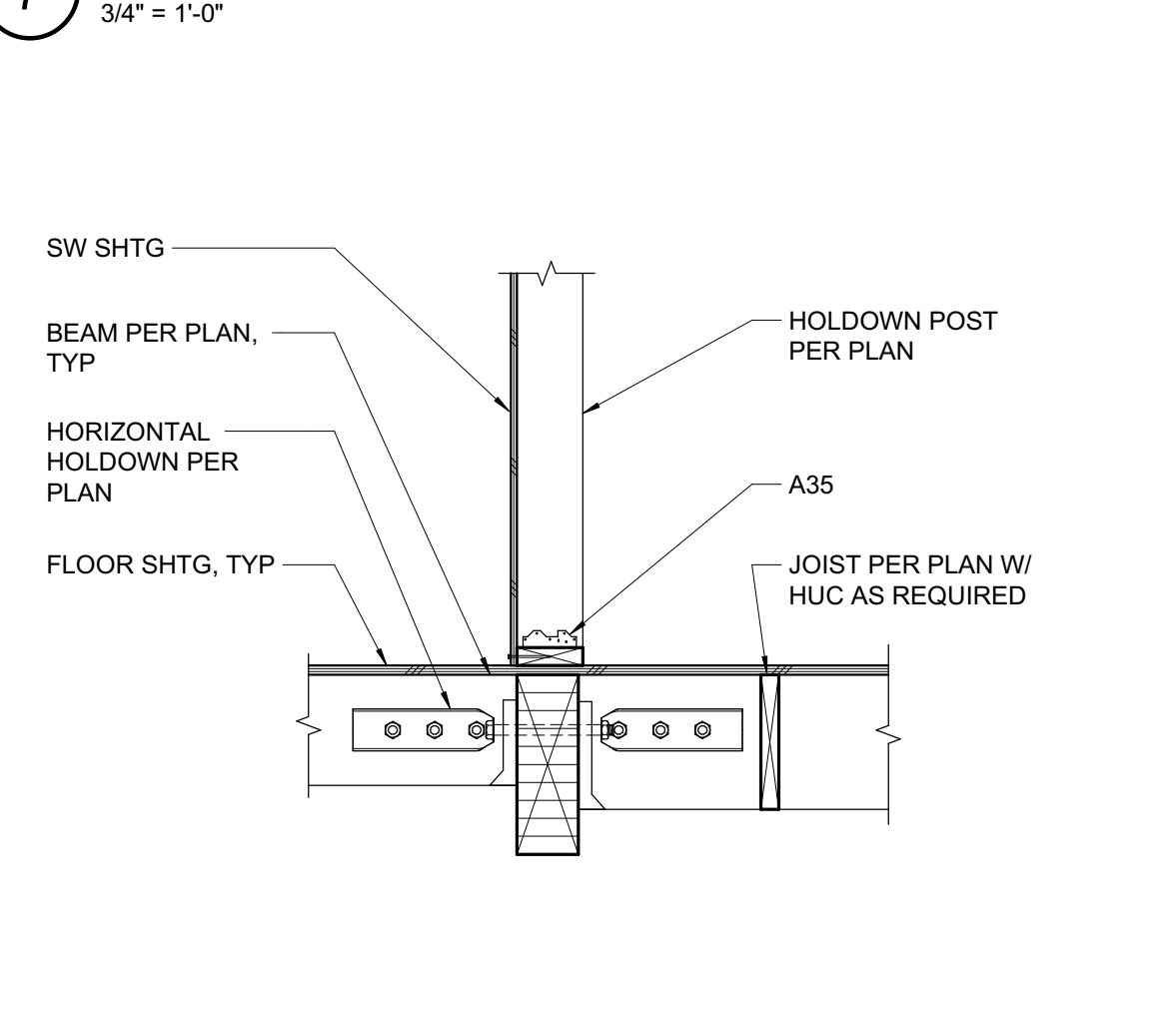
**5 APPARATUS BAY EXTERIOR WALL SUPPORT**  
 3/4" = 1'-0"



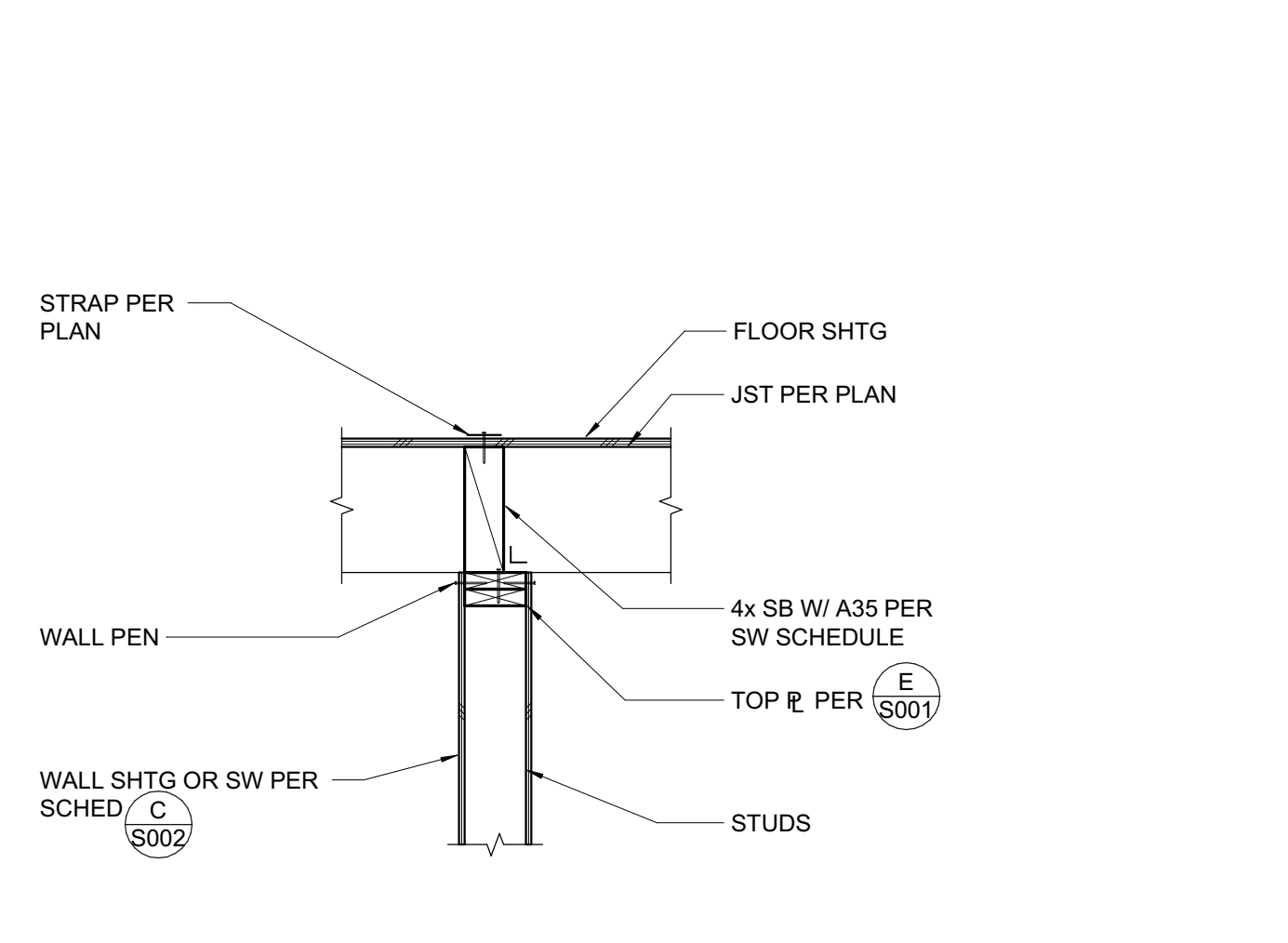
**6 APPARATUS BAY HEADER AT POST**  
 3/4" = 1'-0"



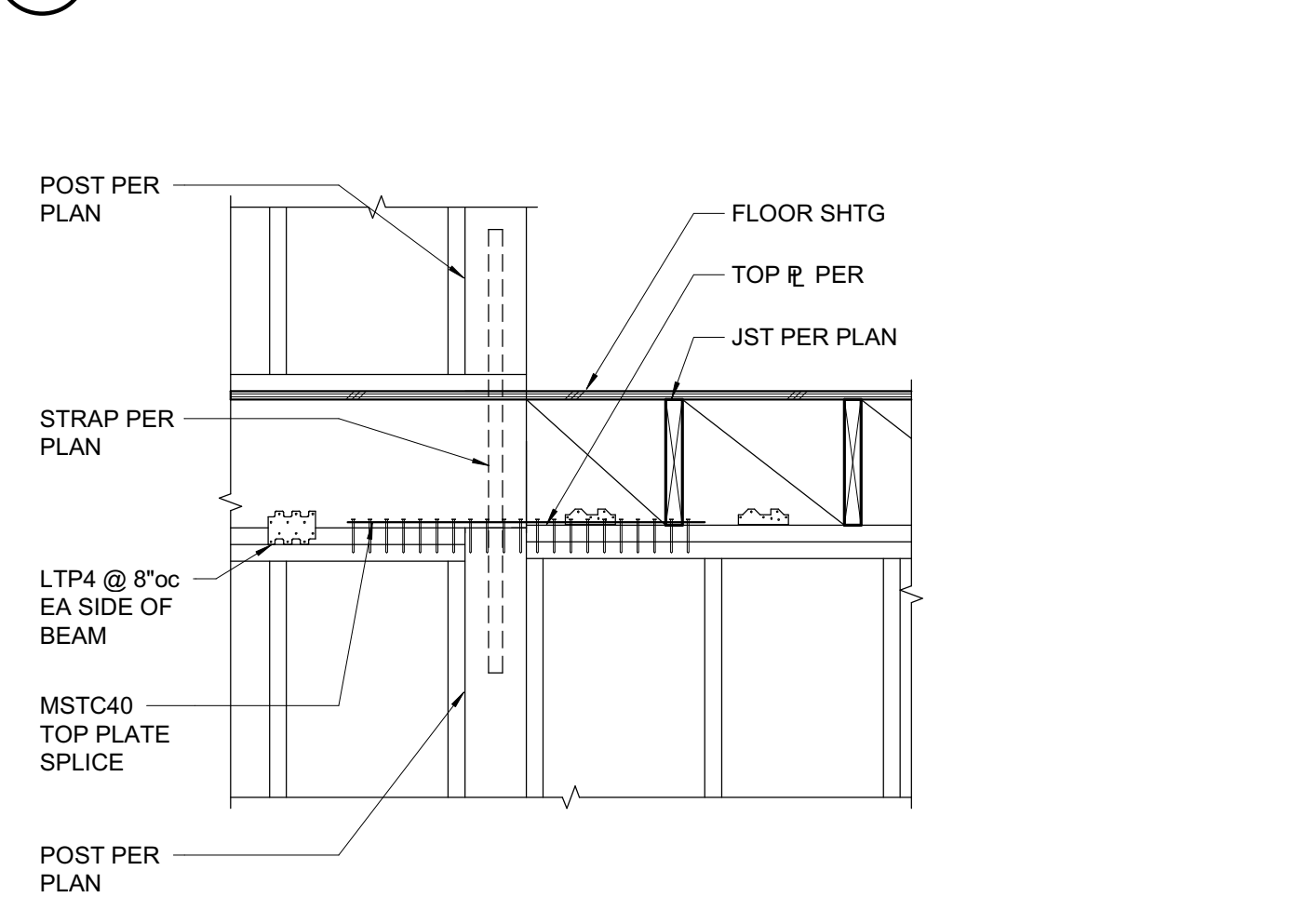
**7 HOLDDOWN AT BEAM**  
 3/4" = 1'-0"



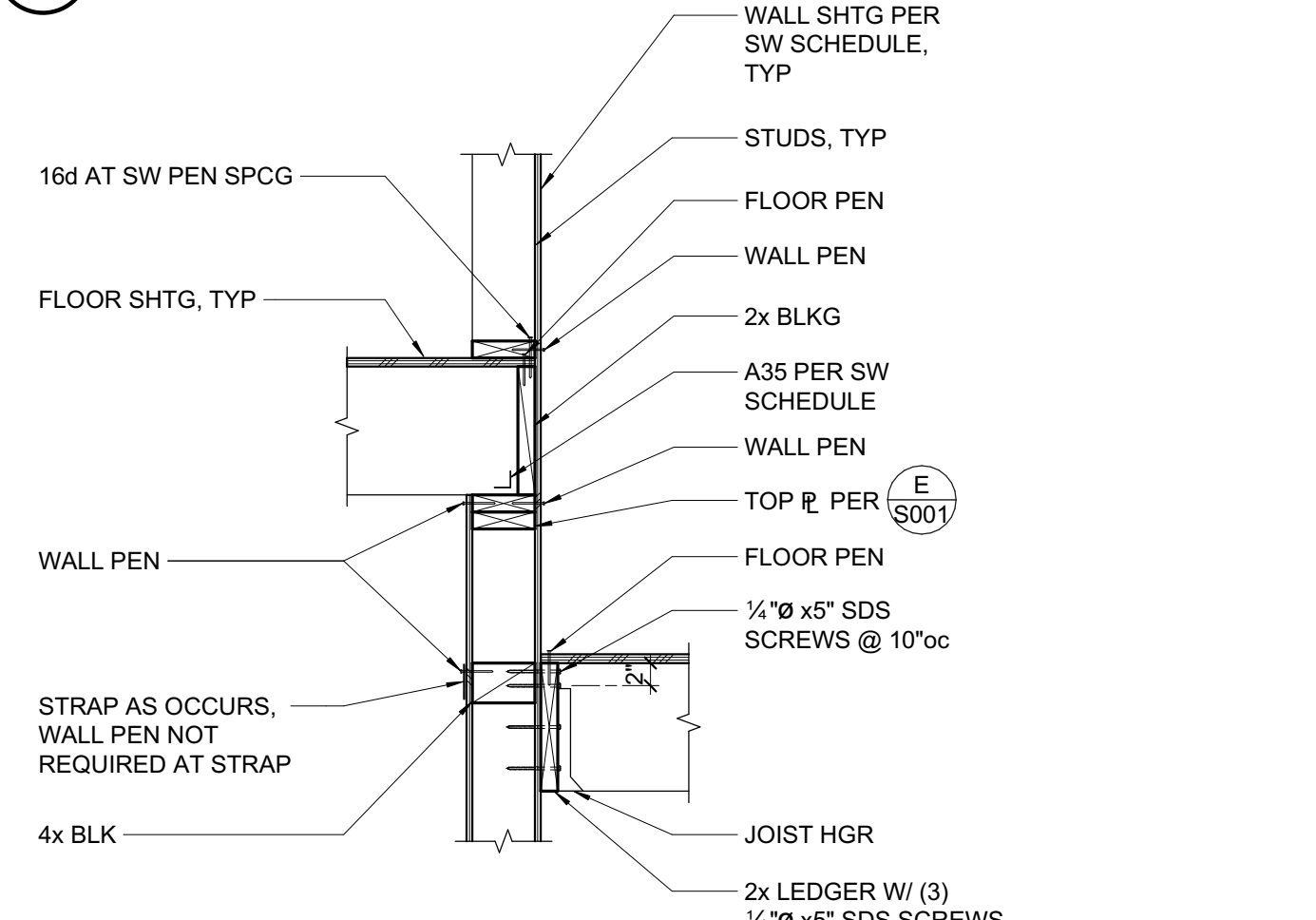
**8 HOLDDOWN AT BEAM**  
 3/4" = 1'-0"



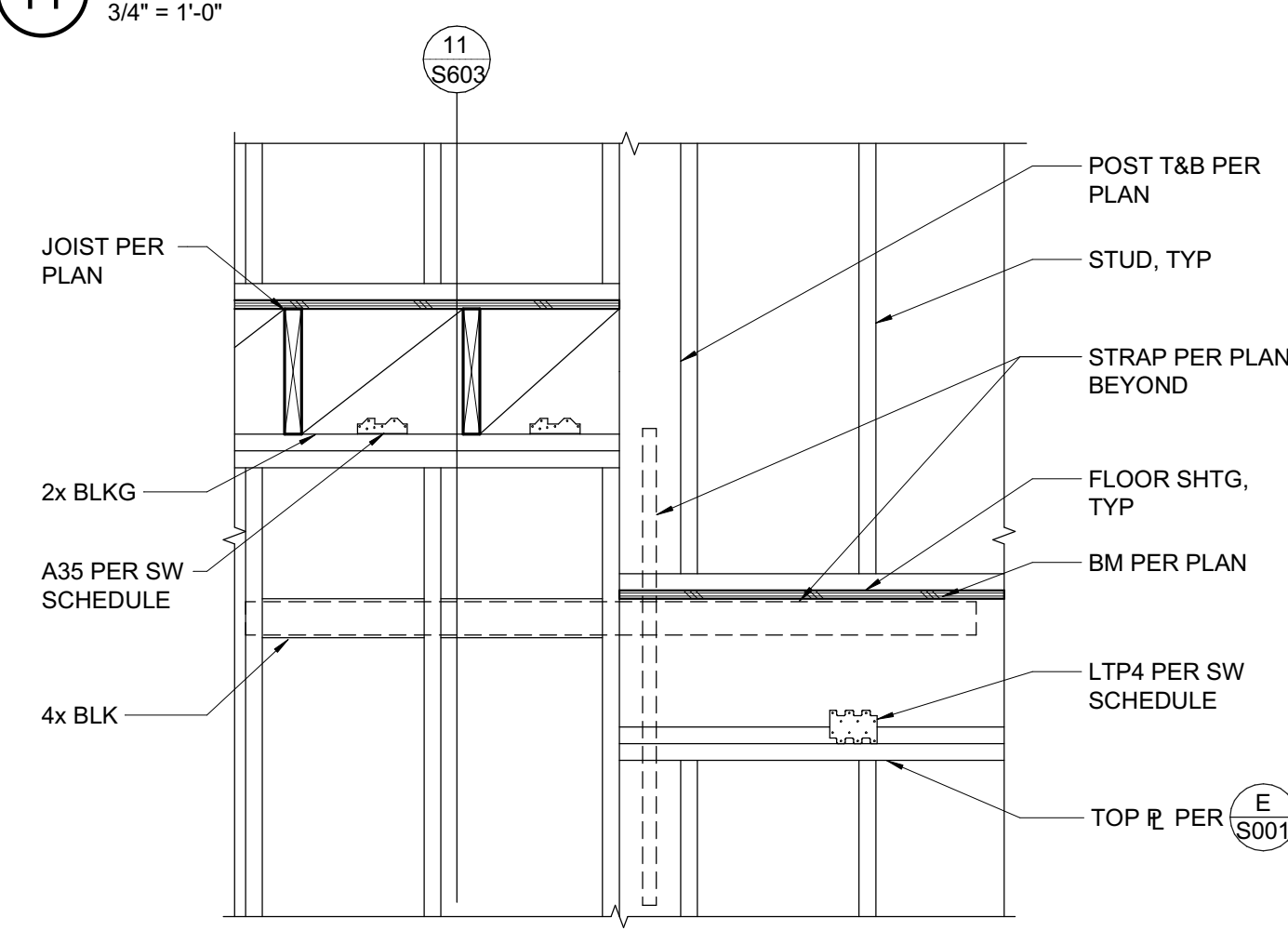
**9 FLOOR FRAMING AT SHEAR WALL BELOW**  
 3/4" = 1'-0"



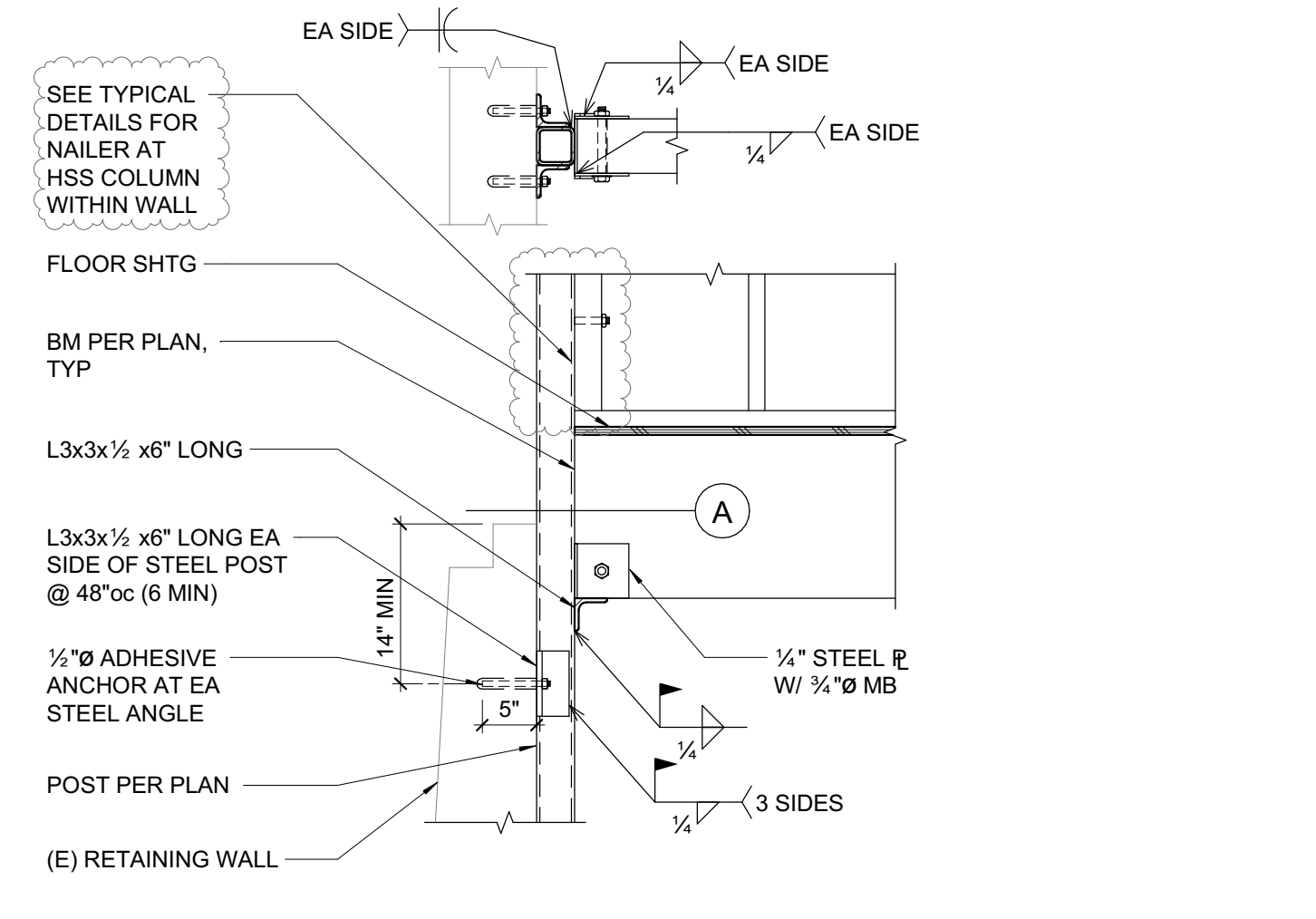
**10 HOLDDOWN POST AT ELEVATOR SHAFT**  
 3/4" = 1'-0"



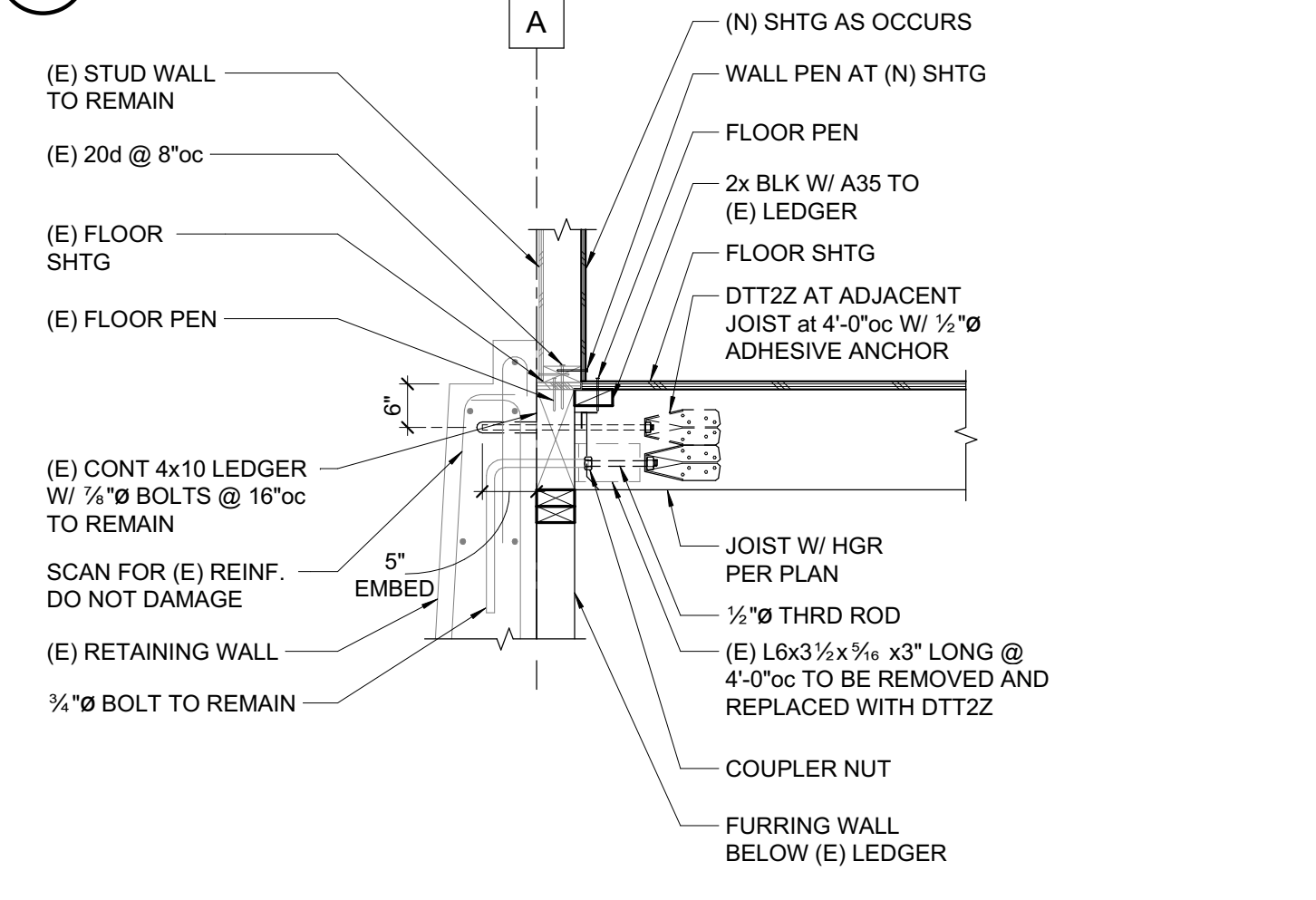
**11 SHEAR WALL AT STEP**  
 3/4" = 1'-0"



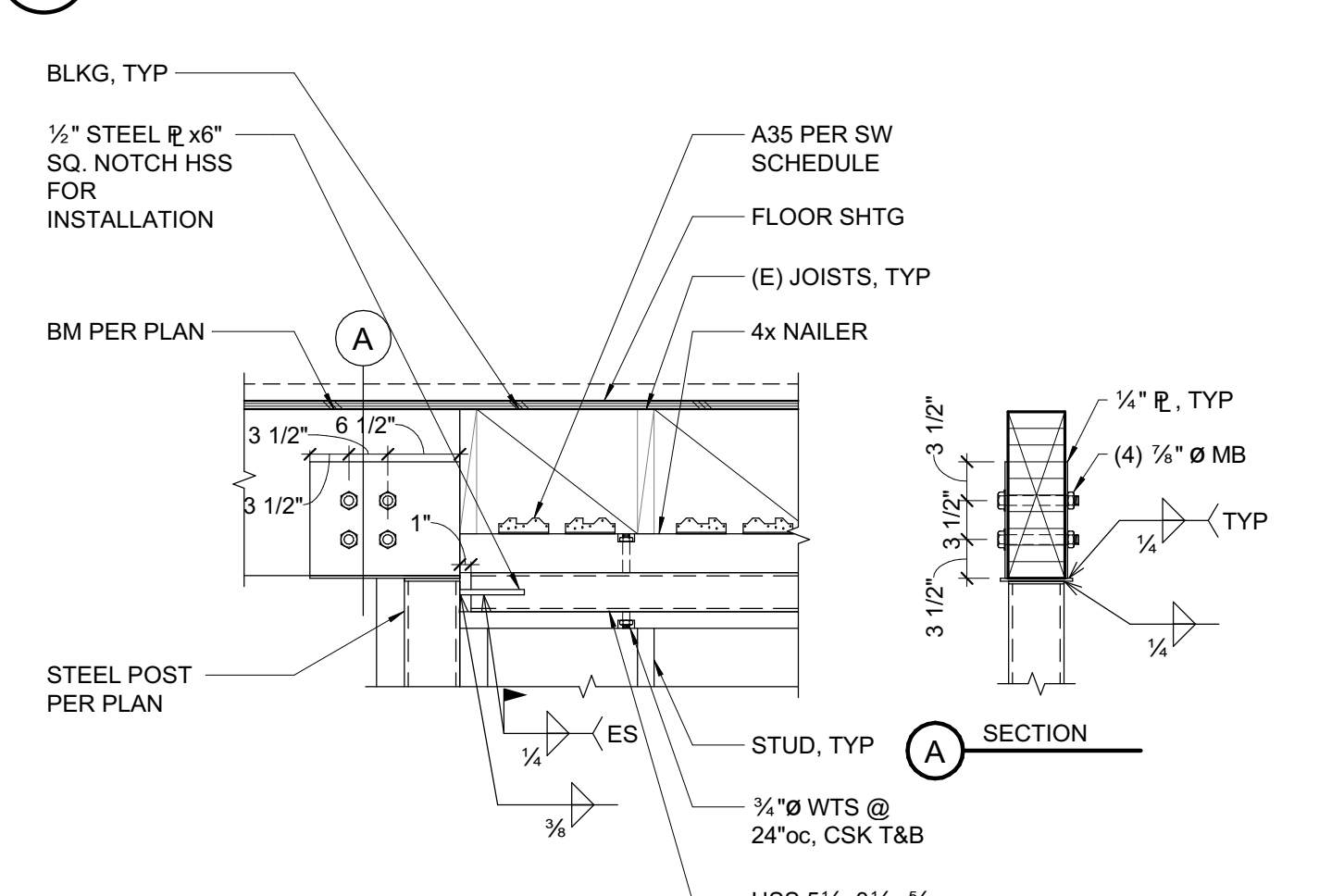
**12 SHEAR WALL AT STEP**  
 3/4" = 1'-0"



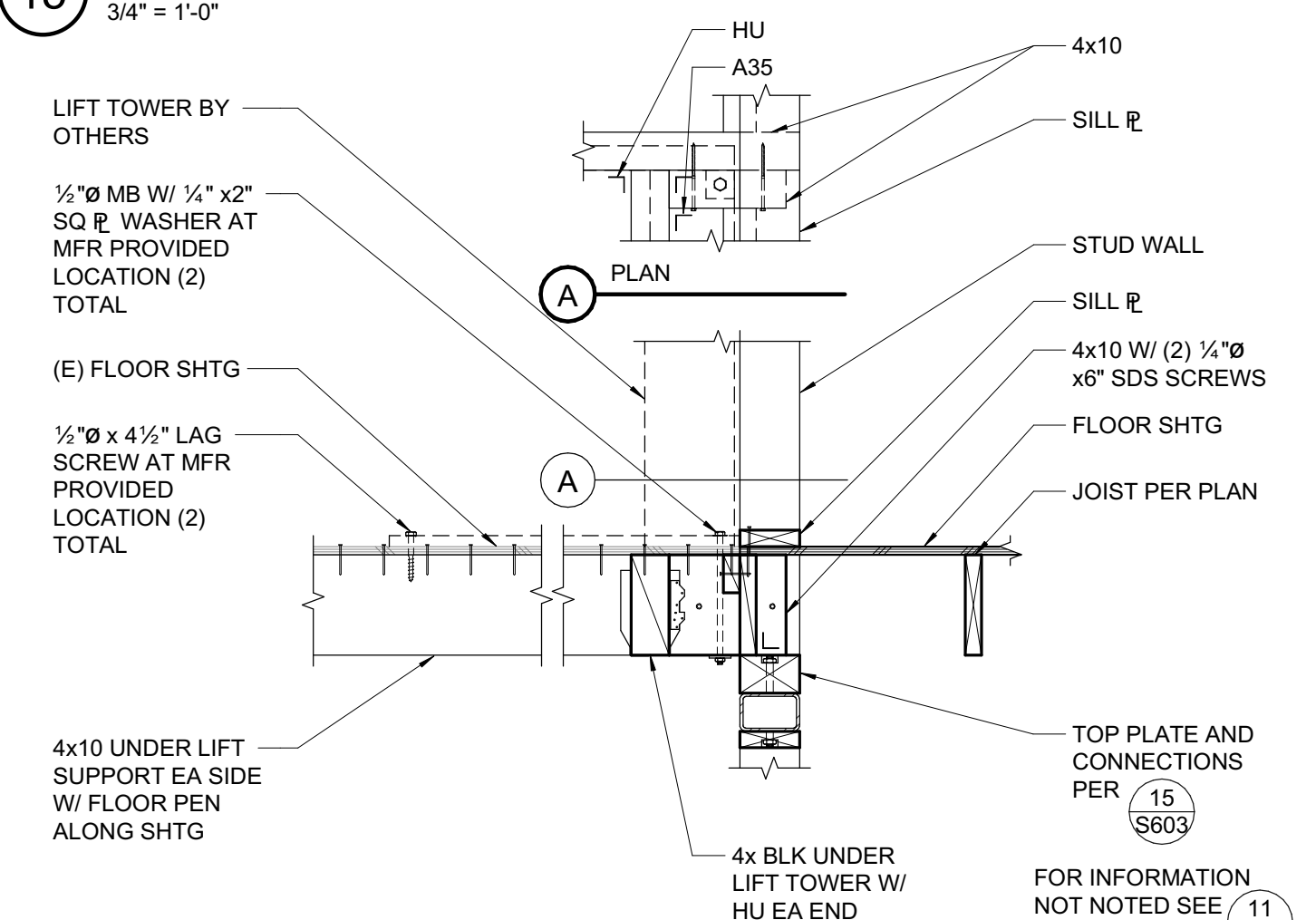
**13 STEEL HOLDDOWN POST AT FURRED WALL**  
 3/4" = 1'-0"



**14 FLOOR FRAMING AT EXISTING RETAINING WALL**  
 3/4" = 1'-0"



**15 BEAM TO TOP PLATE CONNECTION**  
 3/4" = 1'-0"



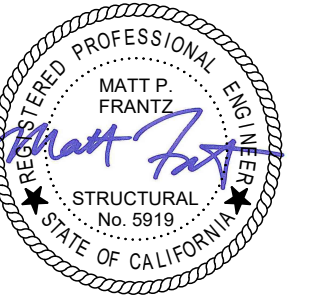
**16 LIFT SUPPORT**  
 3/4" = 1'-0"

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7/22/2022 11:00:04 PM



STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
 KENSINGTON, CA 94707

PROJECT TEAM

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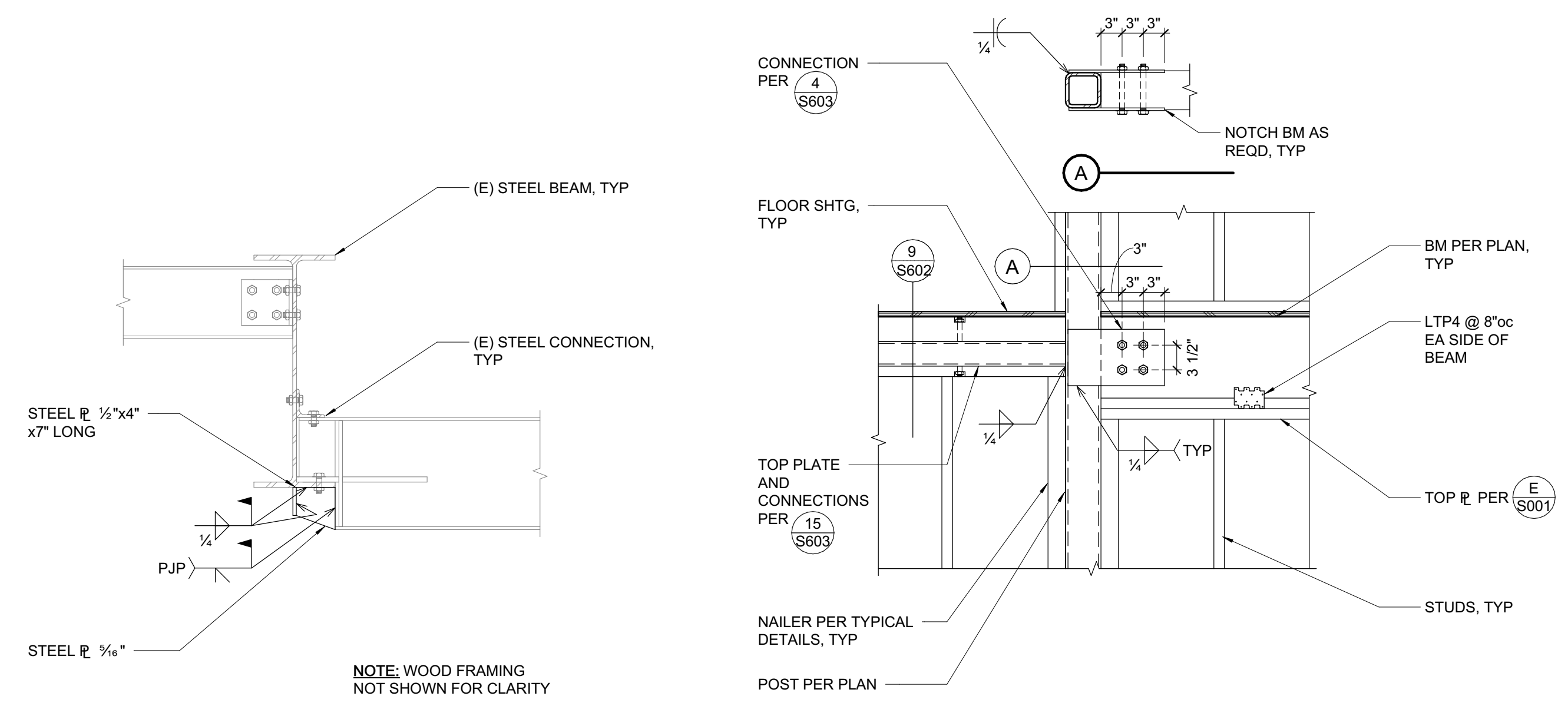
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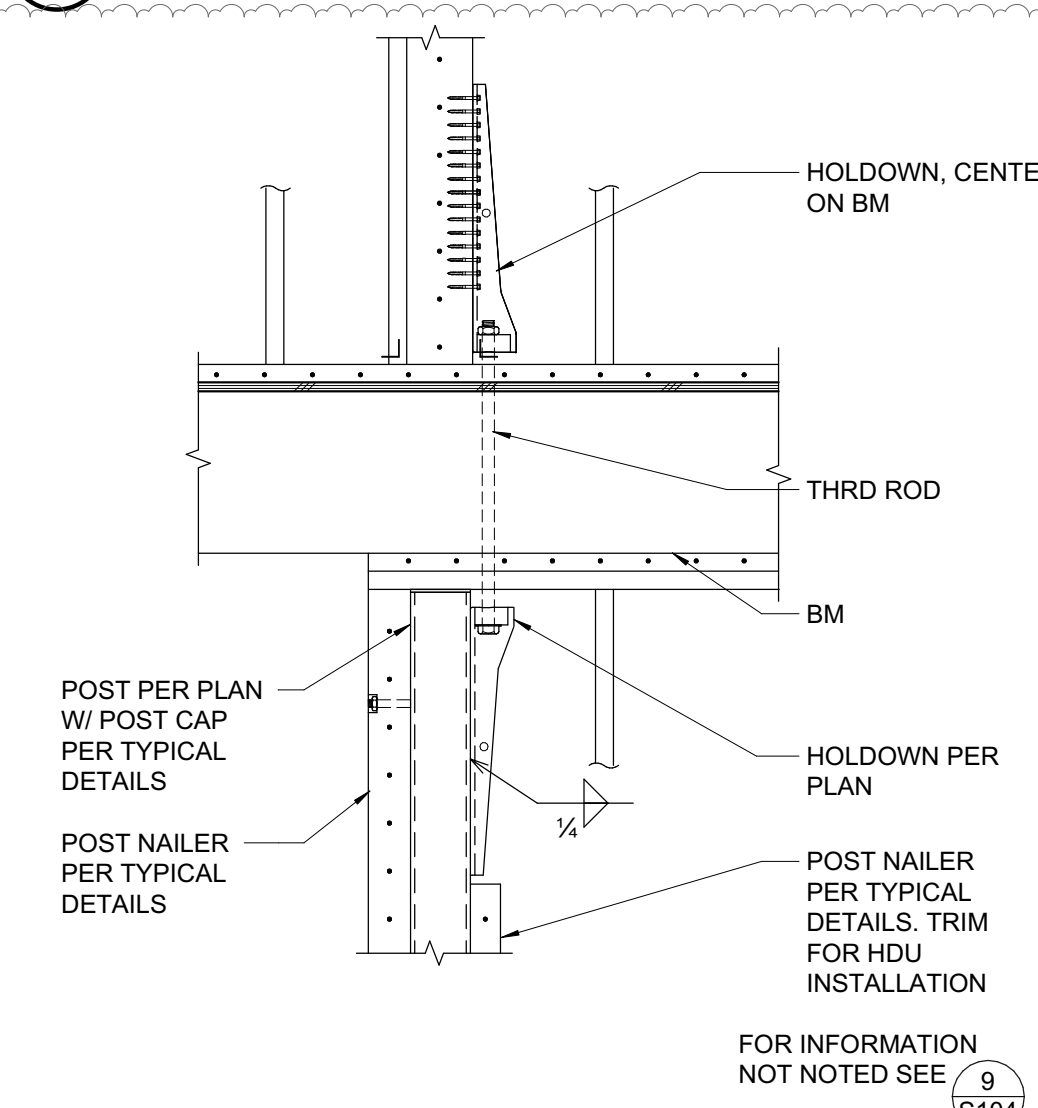
JOB NO. 21479 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
**SECOND FLOOR  
 DETAILS**

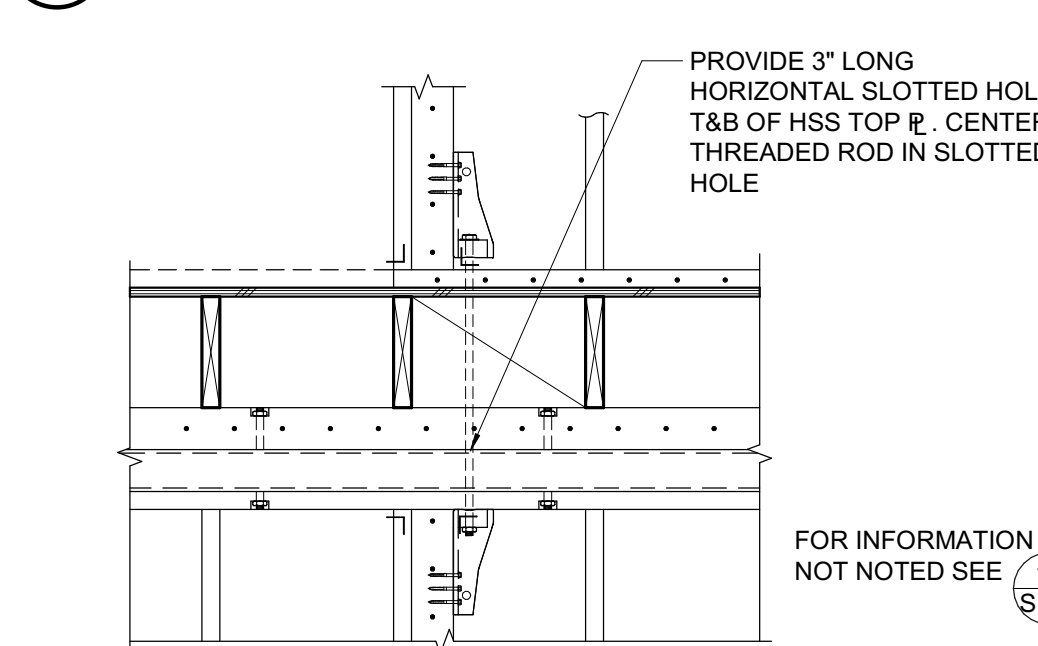
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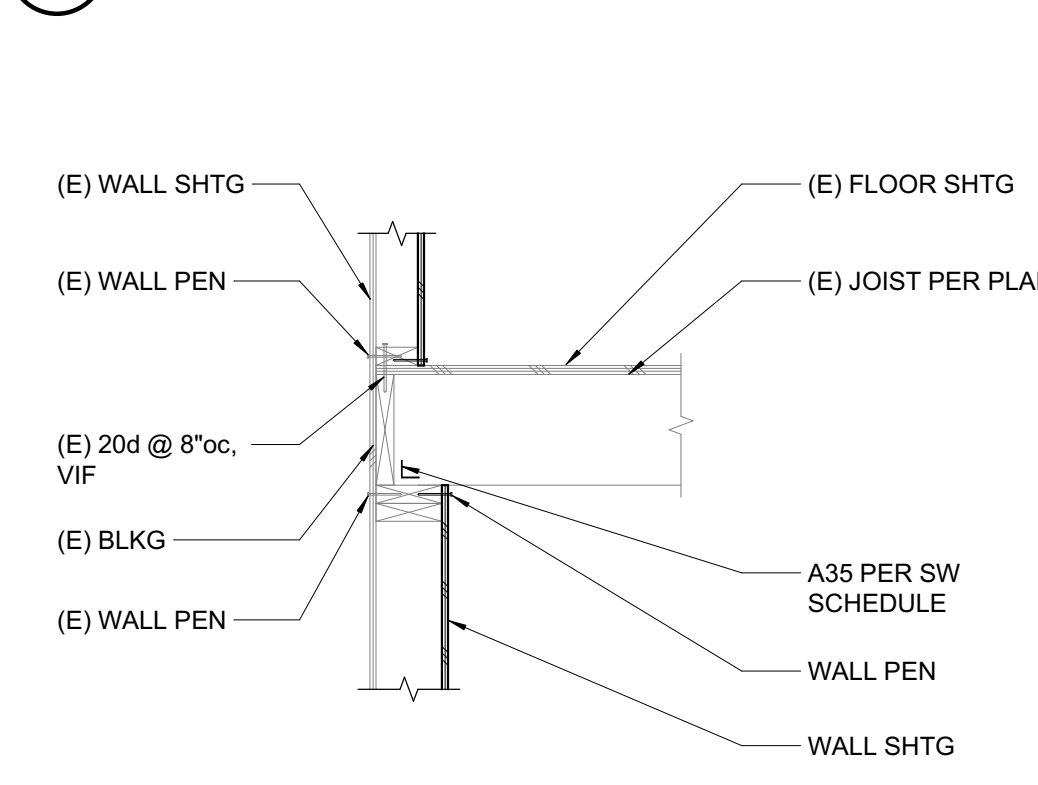
10 EXISTING STEEL CONNECTION  
 3/4" = 1'-0"



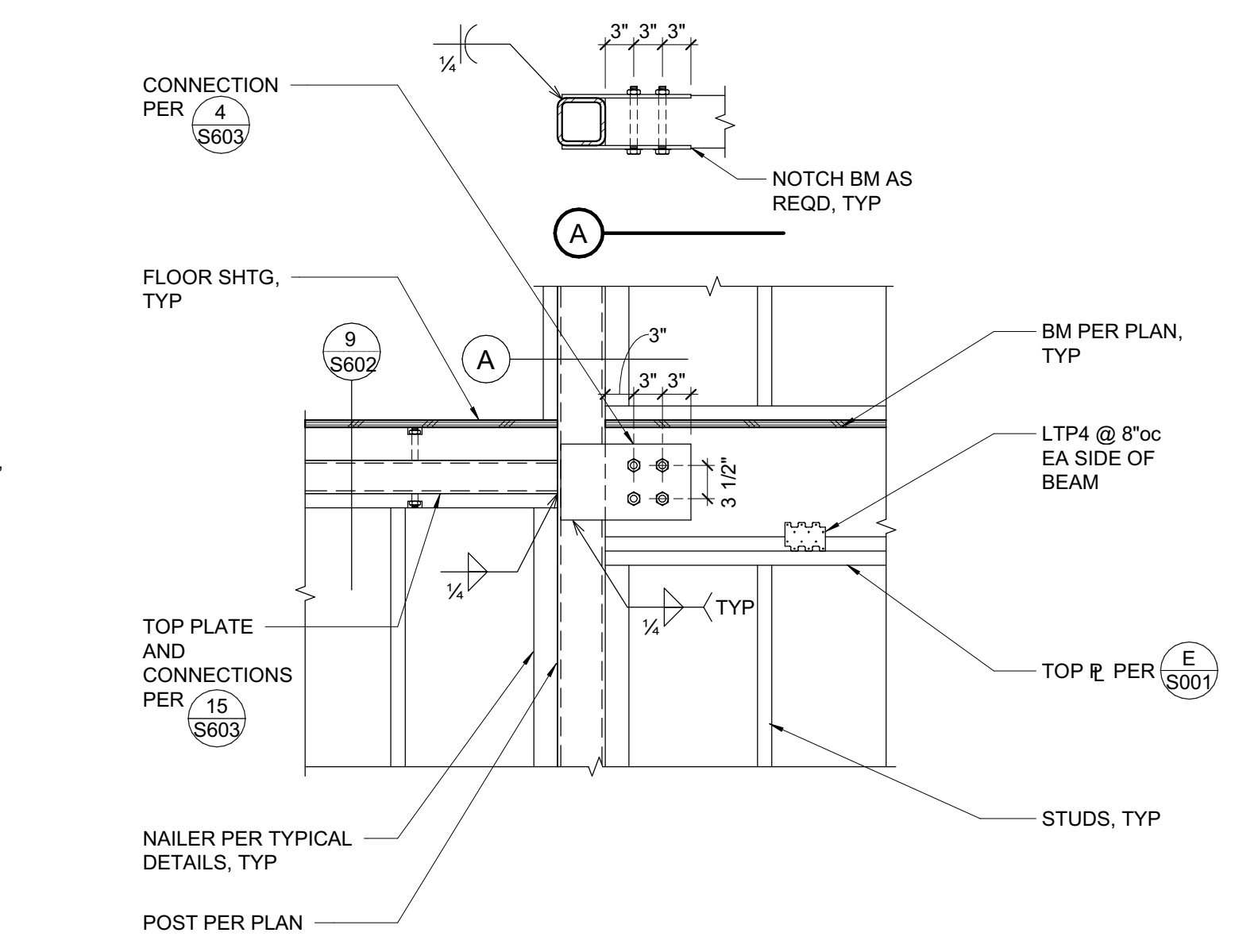
11 HOLDDOWN OVER BEAM  
 3/4" = 1'-0"



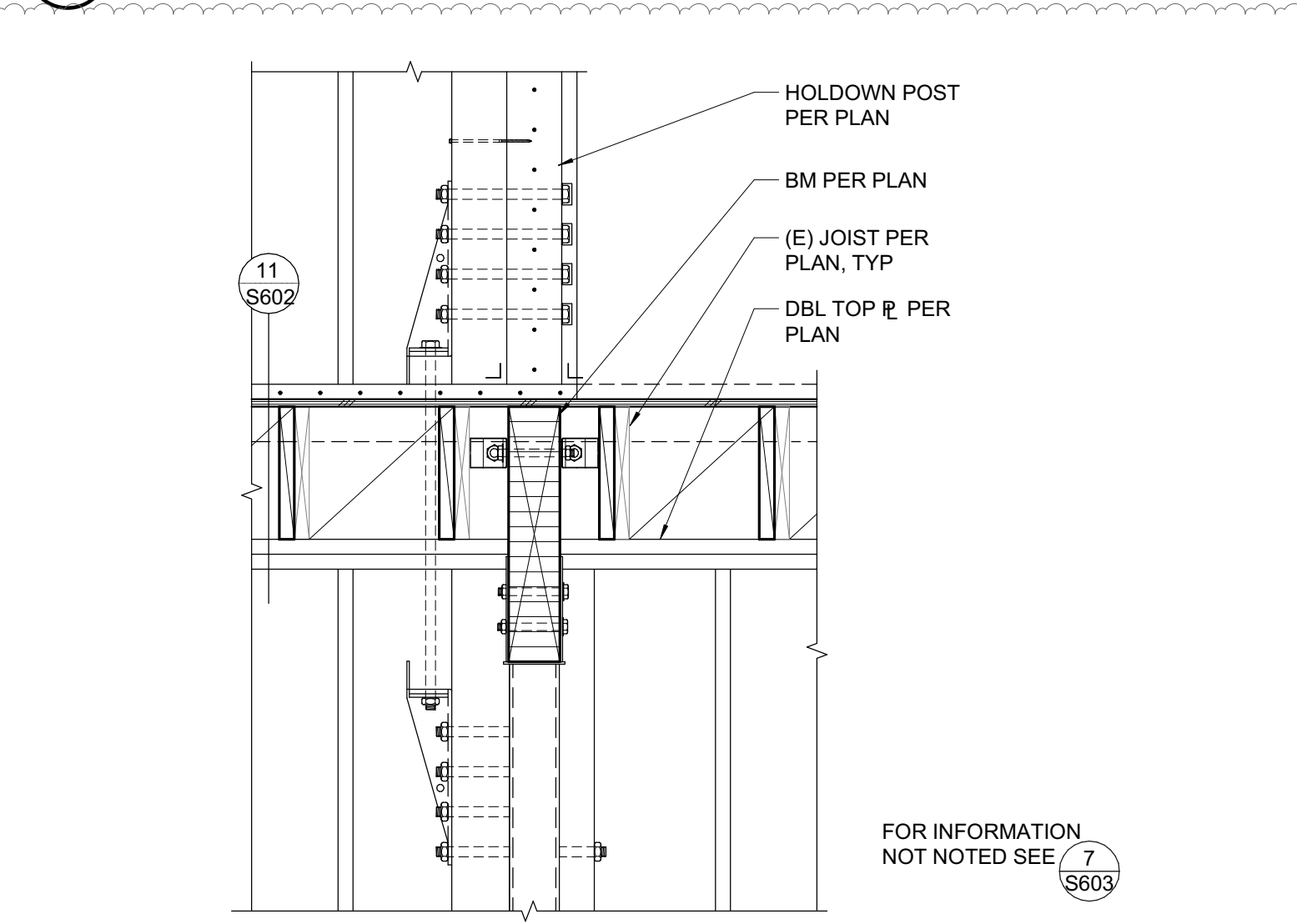
12 HOLDDOWN FROM FLOOR TO FLOOR AT HSS TOP PLATE  
 3/4" = 1'-0"



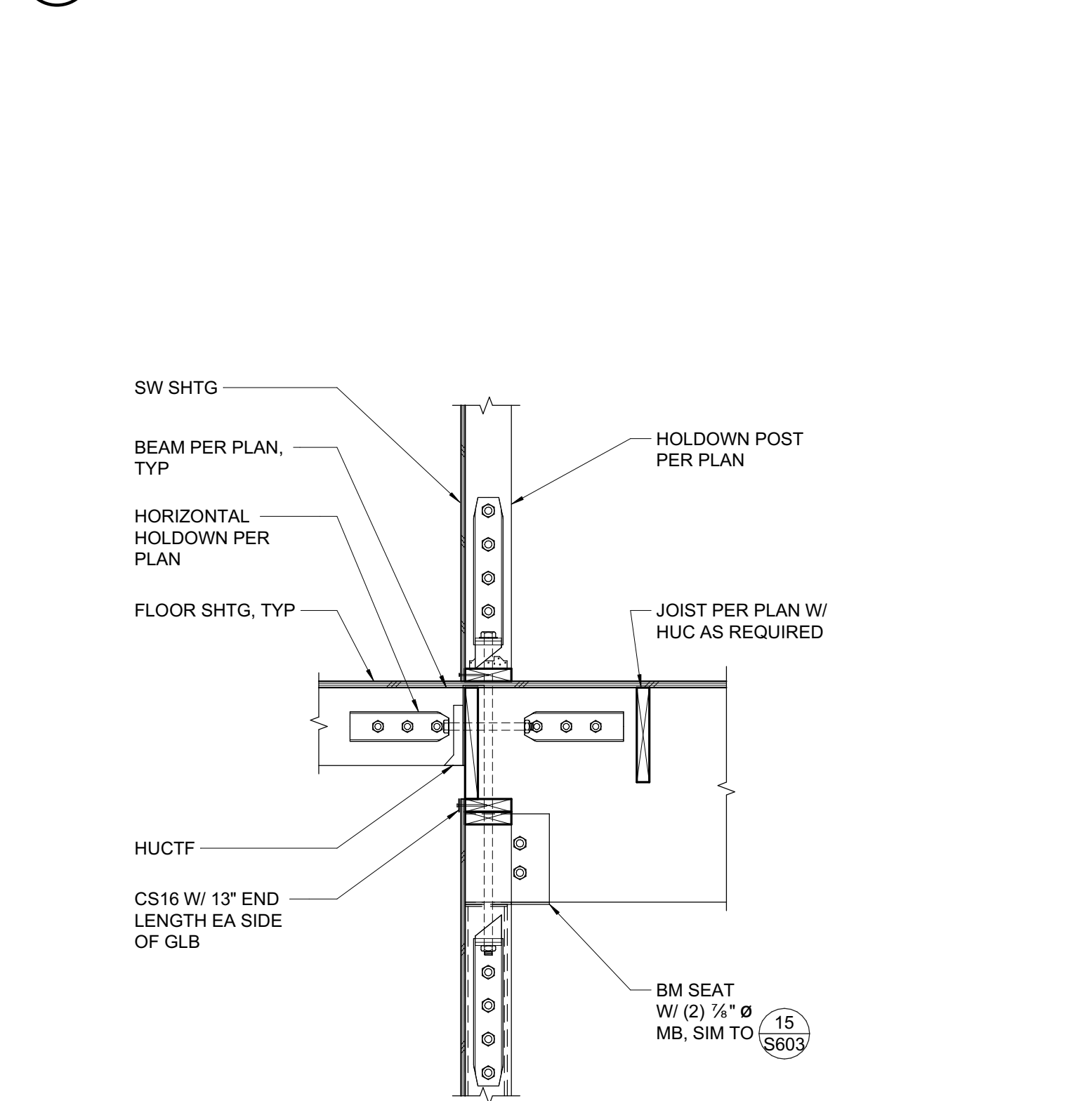
13 EXTERIOR WALL FRAMING  
 3/4" = 1'-0"



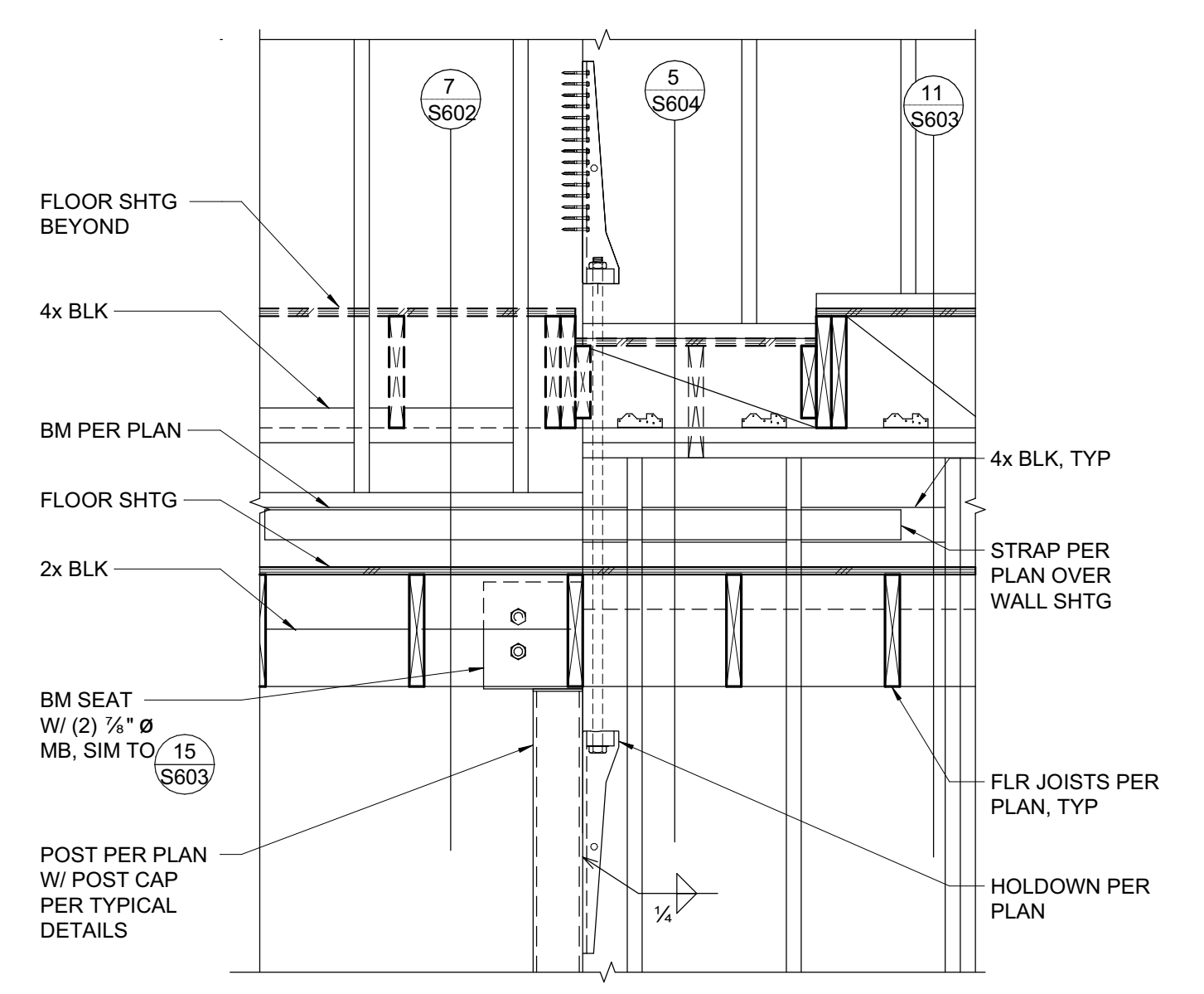
7 COLLECTOR AT STEEL POST  
 3/4" = 1'-0"



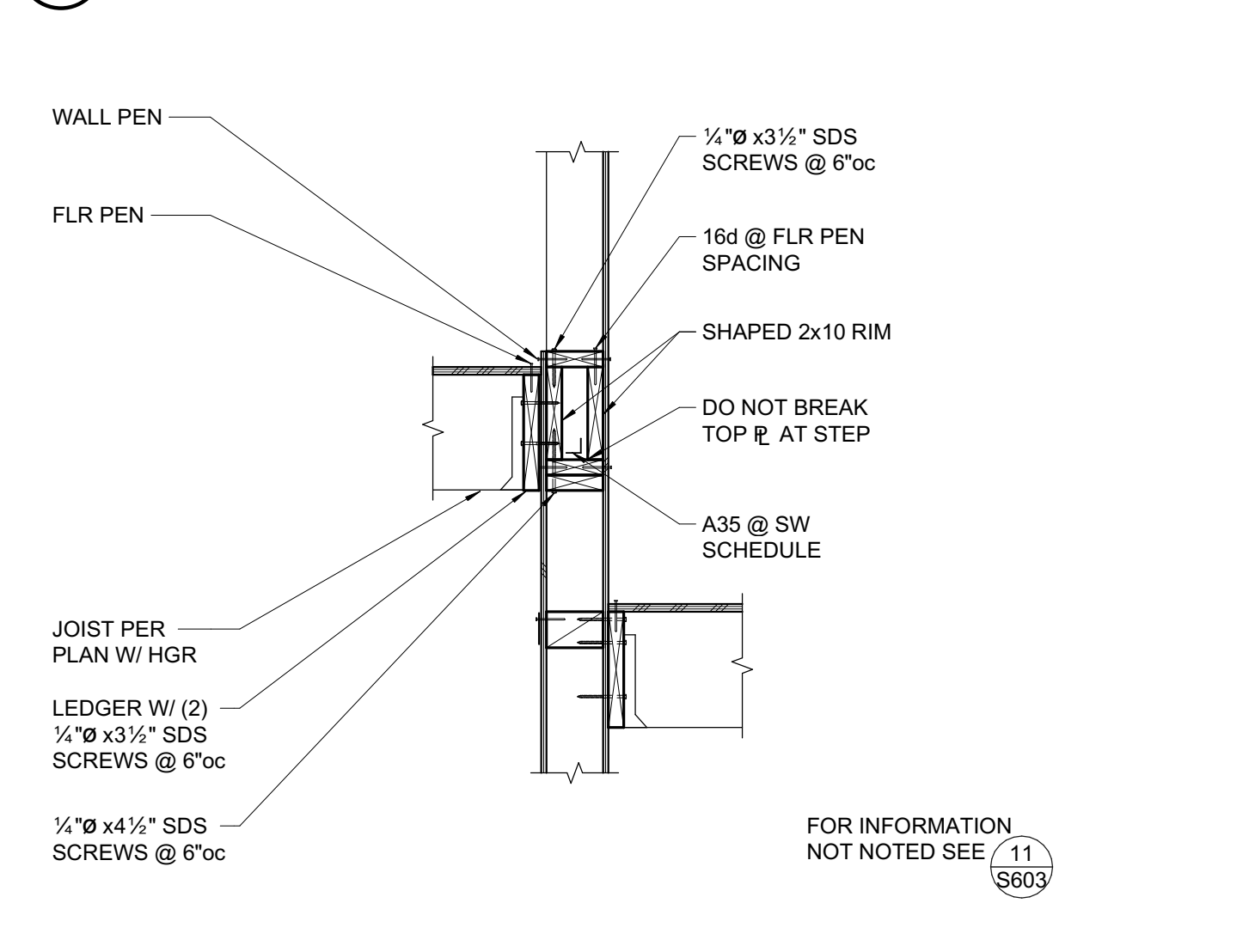
8 HOLDDOWN AT BEAM  
 3/4" = 1'-0"



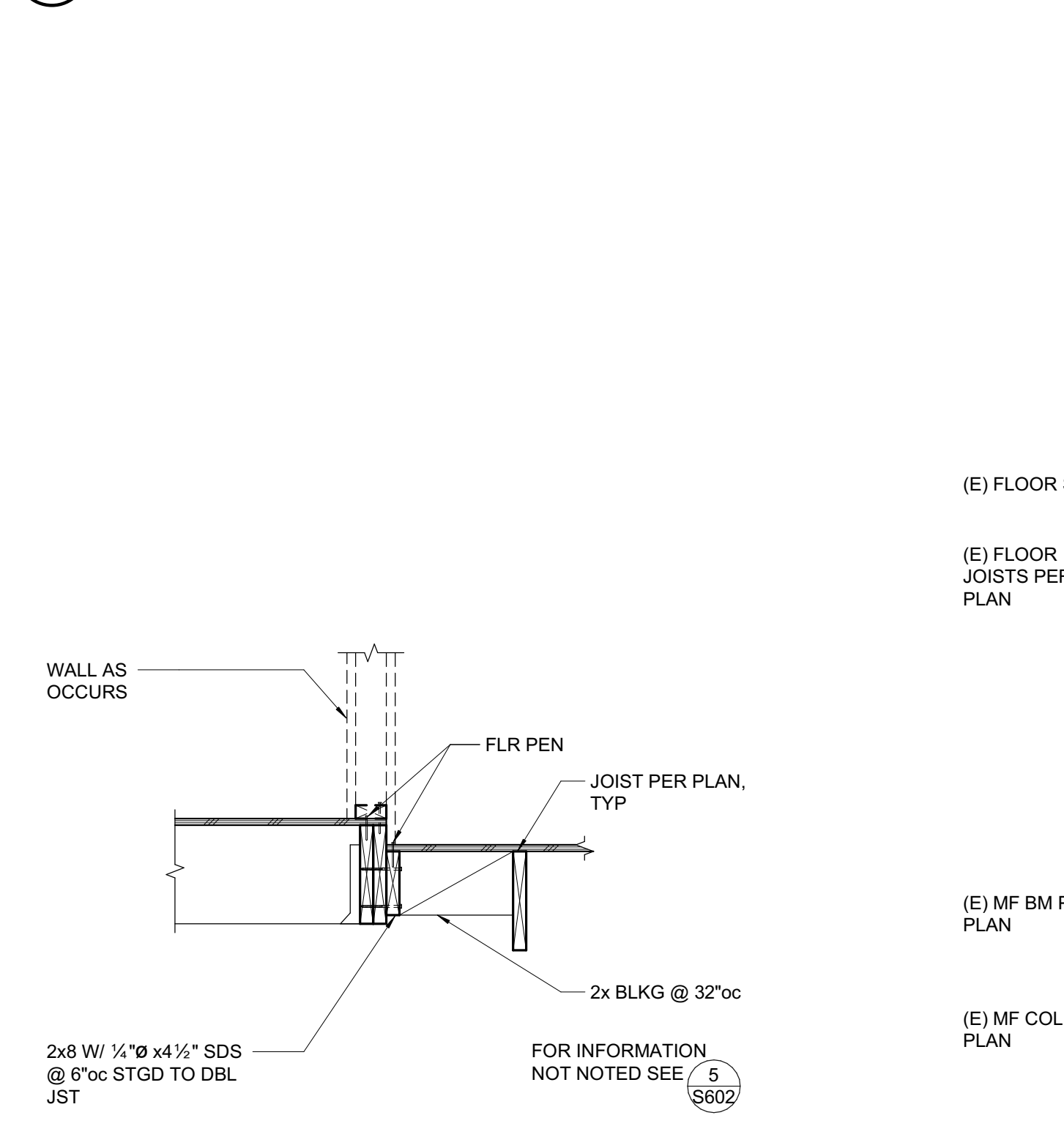
9 HOLDDOWN AT BEAM  
 3/4" = 1'-0"



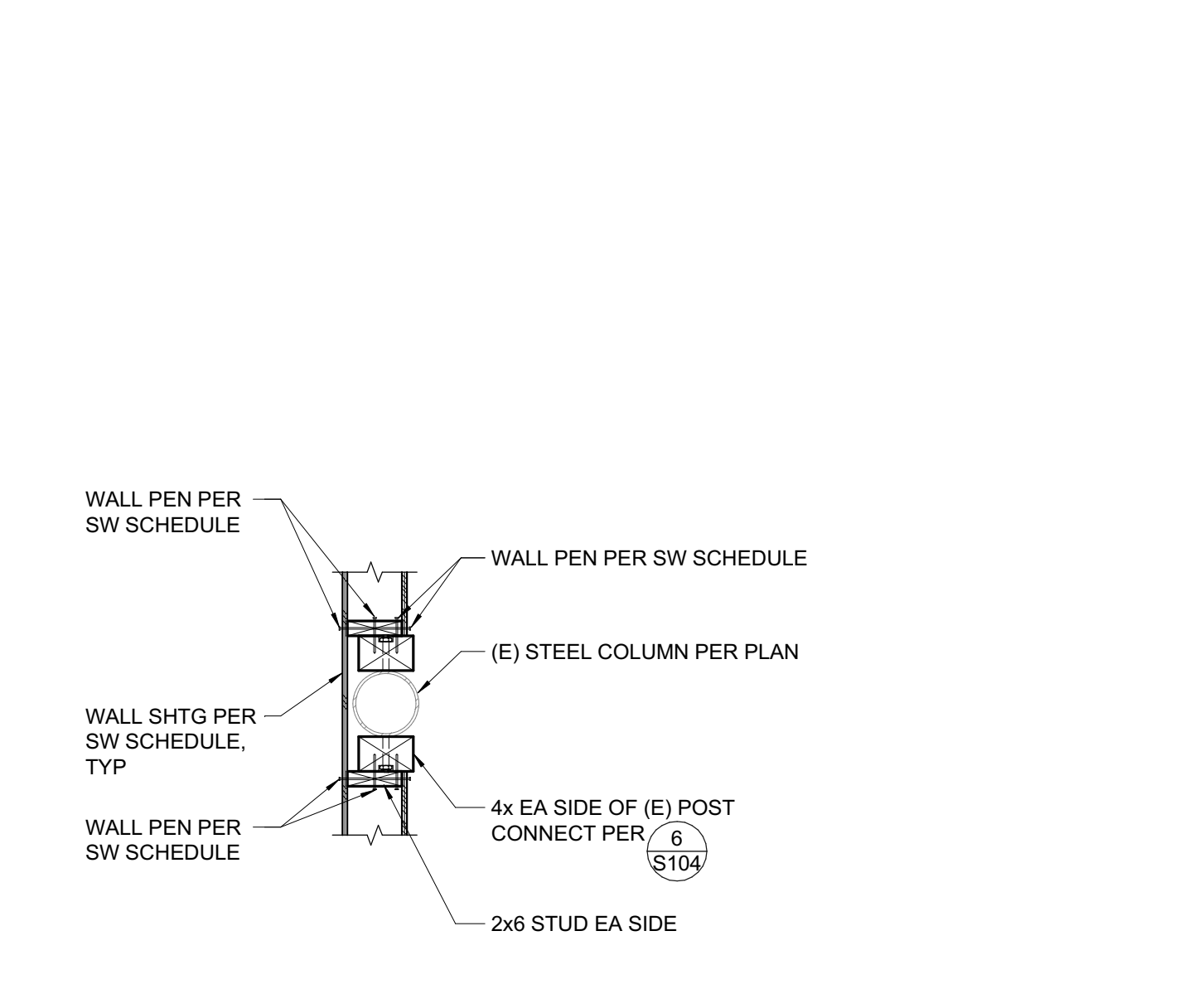
4 BEAM TO STEEL POST AT SHEAR WALL  
 3/4" = 1'-0"



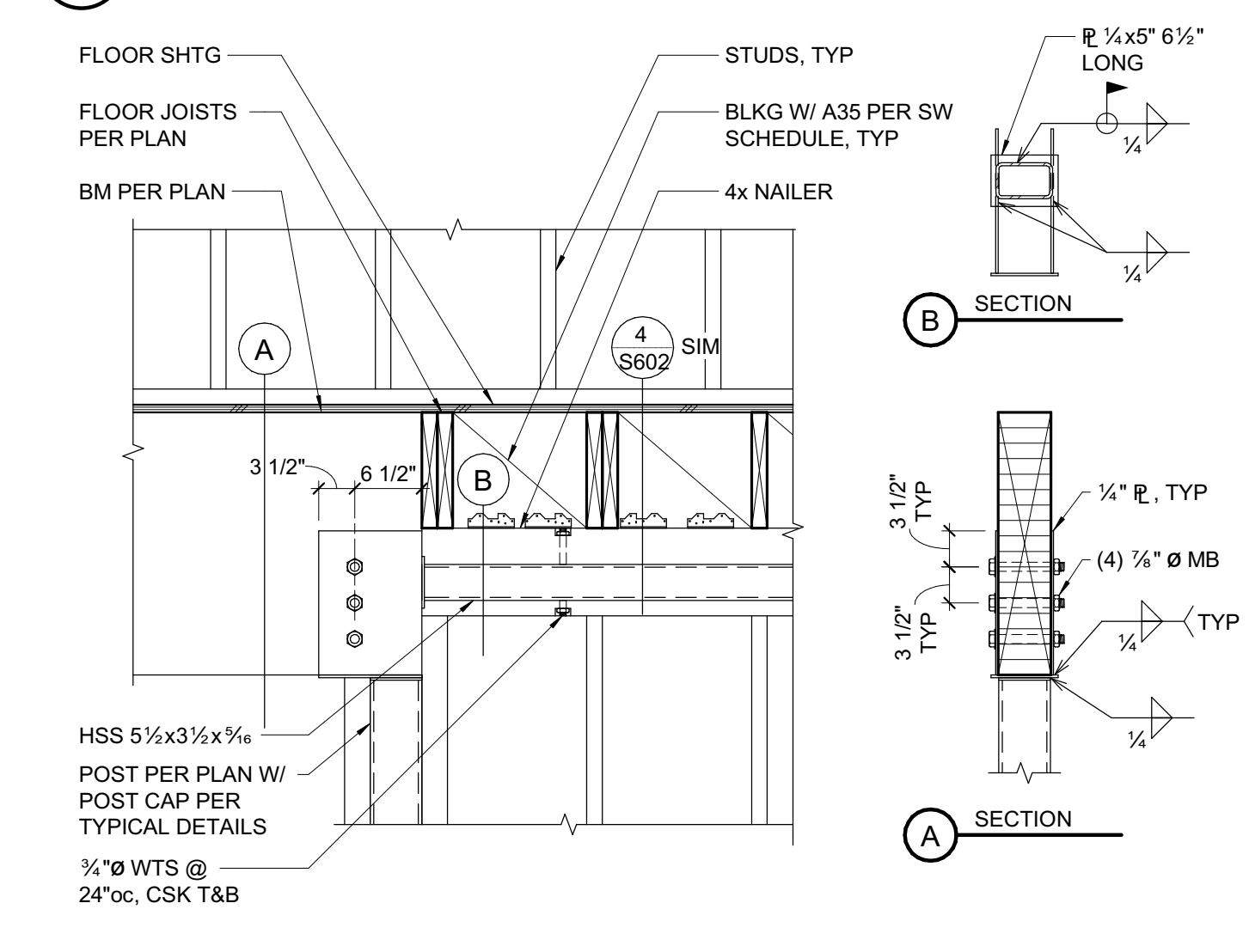
5 SHEAR WALL AT STEP  
 3/4" = 1'-0"



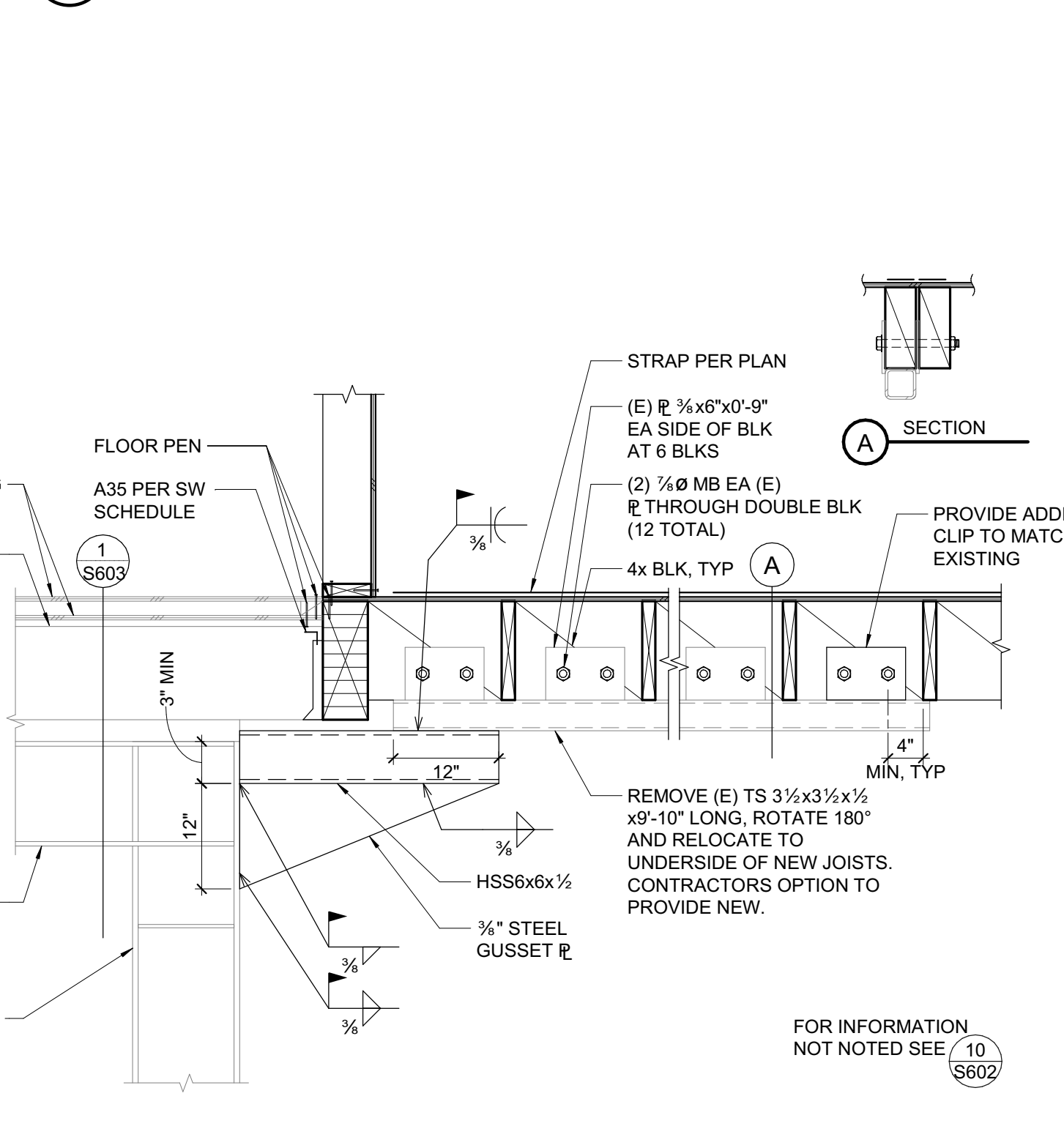
6 INTERIOR WALL AT FLOOR FRAMING STEP  
 3/4" = 1'-0"



1 STEEL COLUMN OUTBOARD OF SHEAR WALL  
 3/4" = 1'-0"



2 BEAM TO STEEL POST AT SHEAR WALL  
 3/4" = 1'-0"



3 COLLECTOR AT MOMENT FRAME  
 3/4" = 1'-0"













STATE OF CALIFORNIA
Mechanical Systems
NRC-10-10
CERTIFICATE OF COMPLIANCE
Project Name: Kensington Public Safety Building
Project Address: 217 Arlington Ave.
Date Prepared: 3/9/2022

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)
Dry System Equipment Efficiency (other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP))
Table with columns for System Name, System Type, Fan Name or Item Tag, Fan Function, Qty, Maximum Design Supply Airflow (CFM), HP Unit, Design HP, and Efficiency metrics.

G. PUMPS
This section does not apply to this project.

Registration Number:
Registration Date/Time:
Registration Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Report Version: 2019.1.003
Schema Version: rev 20200601
Report Generated: 2022-03-09 14:15:23

STATE OF CALIFORNIA
Mechanical Systems
NRC-10-10
CERTIFICATE OF COMPLIANCE
Project Name: Kensington Public Safety Building
Project Address: 217 Arlington Ave.
Date Prepared: 3/9/2022

H. FAN SYSTEMS & AIR ECONOMIZERS
This table is used to demonstrate compliance with prescriptive requirements found in §140.4(c), §140.4(e) and §140.4(m) for fan systems.
Table with columns for System Name, System Type, Fan Name or Item Tag, Fan Function, Qty, Maximum Design Supply Airflow (CFM), HP Unit, Design HP, and Efficiency metrics.

Registration Number:
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Registration Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Report Version: 2019.1.003
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STATE OF CALIFORNIA
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H. FAN SYSTEMS & AIR ECONOMIZERS
Table with columns for System Name, System Type, Fan Name or Item Tag, Fan Function, Qty, Maximum Design Supply Airflow (CFM), HP Unit, Design HP, and Efficiency metrics.

\* FOOTNOTES: Computer room economizers must meet requirements of §140.9(a) and will be documented on the NRCC-PRC-E document.
† The unit used for HP must be consistent for all fans within a system.

I. SYSTEM CONTROLS
This table is used to demonstrate compliance with mandatory controls in §110.2 and §120.2 and prescriptive controls in §140.4(i) and (n) or requirements in §141.0(b)(2) for altered space conditioning systems.
Table with columns for System Name, System Type, System Name, System Zoning, Conditioned Floor Area, Thermostats, Shut-Off Controls, Isolation Zone Controls, Demand Response, Supply Air Temp. Reset, and Window Interlocks.

Registration Number:
Registration Date/Time:
Registration Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Report Version: 2019.1.003
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Date Prepared: 3/9/2022

I. SYSTEM CONTROLS
\* FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.
\* Notes: Controls with a \* require a note in the space below explaining how compliance is achieved.
Table with columns for System Name, System Type, System Name, System Zoning, Conditioned Floor Area, Thermostats, Shut-Off Controls, Isolation Zone Controls, Demand Response, Supply Air Temp. Reset, and Window Interlocks.

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STATE OF CALIFORNIA
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J. VENTILATION AND INDOOR AIR QUALITY
Table with columns for System Name, System Type, System Name, System Zoning, Conditioned Floor Area, # of Shower heads/toilets, # of people, Required Min OA CFM, Required Min CFM, Provided per Design CFM, and DCV or Sensor Controls.

Registration Number:
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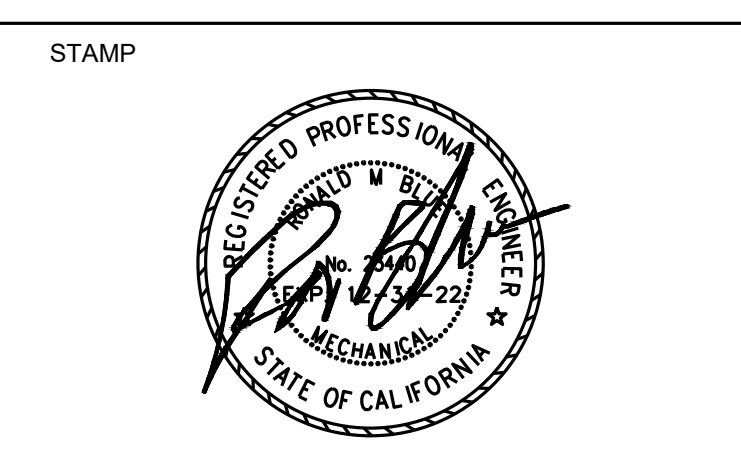
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KENSINGTON, CA, 94707

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ESTIMATOR: MICROESTIMATION INC.

CONTRA COSTA COUNTY BUILDING INSPECTION DIVISION
PERMIT NUMBER: BIC-A22-004407
REVIEWED

By: ROSALINA ACUFF

Table with columns: NO., DESCRIPTION, DATE
NO. 8, ISSUED FOR BUILDING PERMIT, 04-01-22
NO. 9, PLAN CHECK COMMENTS, 07-22-22

JOB NO.

DESCRIPTION
TITLE 24 DOCUMENTS

M005



**SHEET NOTES**

- PENETRATIONS NOT ALLOWED ON SHEAR WALLS. COORDINATE WITH STRUCTURAL.
- DEMOLISH ALL (E) MECHANICAL EQUIPMENT AND DUCTING, EXCEPT (E) VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM.
- PROTECT AND RETAIN (E) VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM.

**List Engineering**  
 Mechanical Consultants  
 2 Harris Court Suite A7, Monterey, CA 93940  
 Telephone (831) 373-4390 / Facsimile (831) 373-6522  
 www.listengineering.com © LEC 2021  
 Job No. 21025.00



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 T: (415) 378-9064

ARCHITECT: MARJIANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
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STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

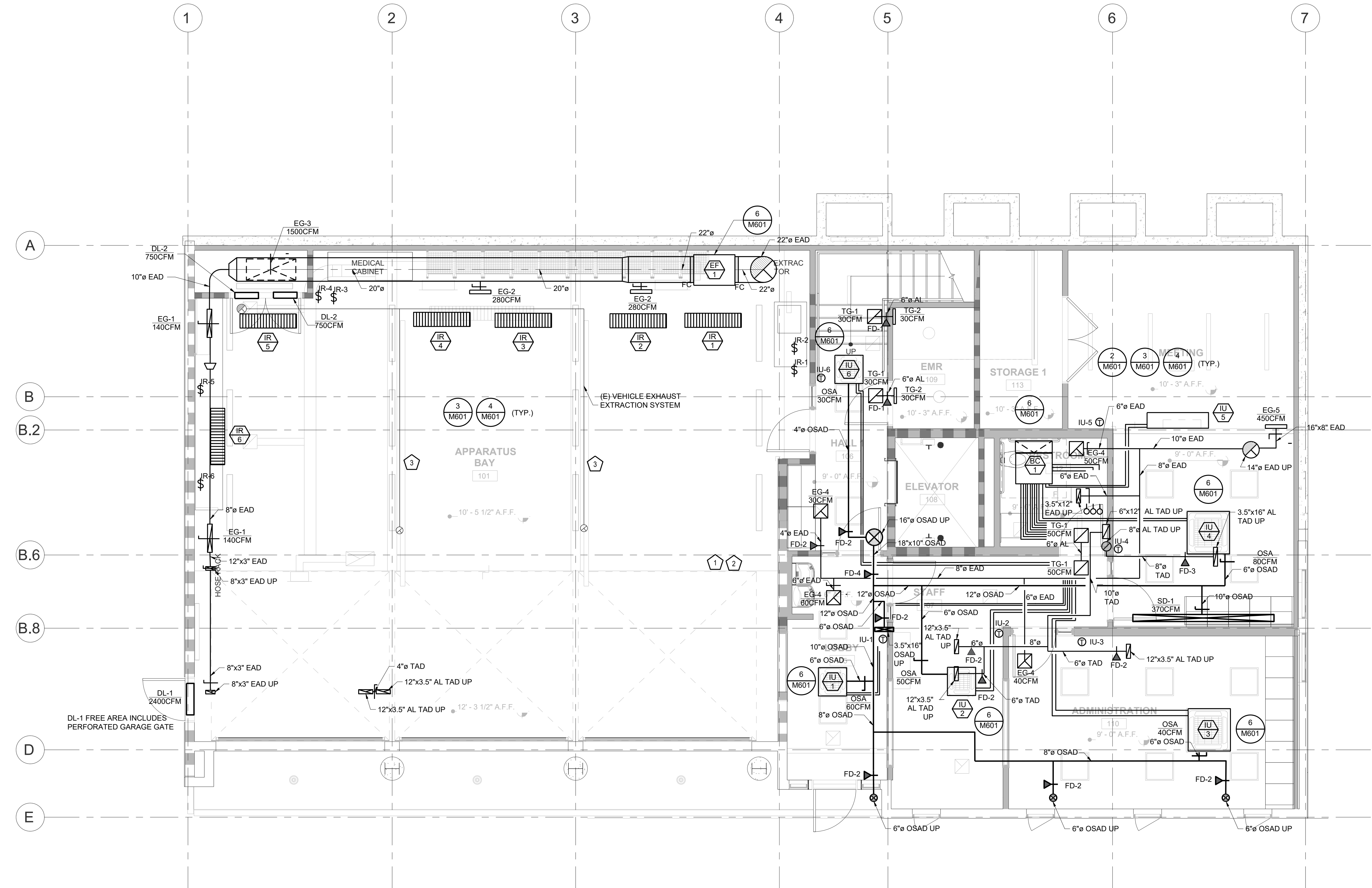
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 870-4544

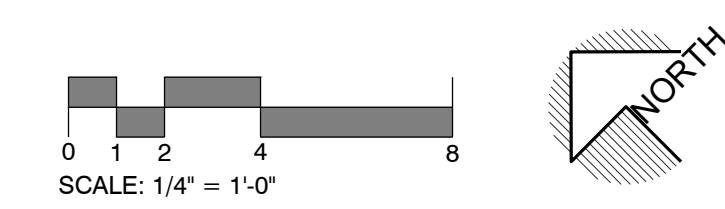
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626



**1 GROUND FLOOR PLAN**  
 SCALE: 1/4"=1'-0"



CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
**10:13 am, Aug 05, 2022**  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PERMIT OR TO BE AN APPROVAL OF THE VIOLATIONS OR ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 MECHANICAL GROUND FLOOR PLAN

**M201**

### SHEET NOTES

- COORDINATE WITH STRUCTURAL BEFORE PENETRATING SHEAR WALLS.
- DEMOLISH ALL (E) MECHANICAL EQUIPMENT AND DUCTING, EXCEPT (E) VEHICLE ENGINE EXHAUST EXTRACT SYSTEM.
- PROTECT AND RETAIN (E) VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM.

**List Engineering**  
 Mechanical Consultants  
 2 Harris Court Suite A7, Monterey, CA 93940  
 Telephone (831) 373-4390 / Facsimile (831) 373-6522  
 www.listengineering.com © LEC 2021  
 Job No. 21025.00

STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
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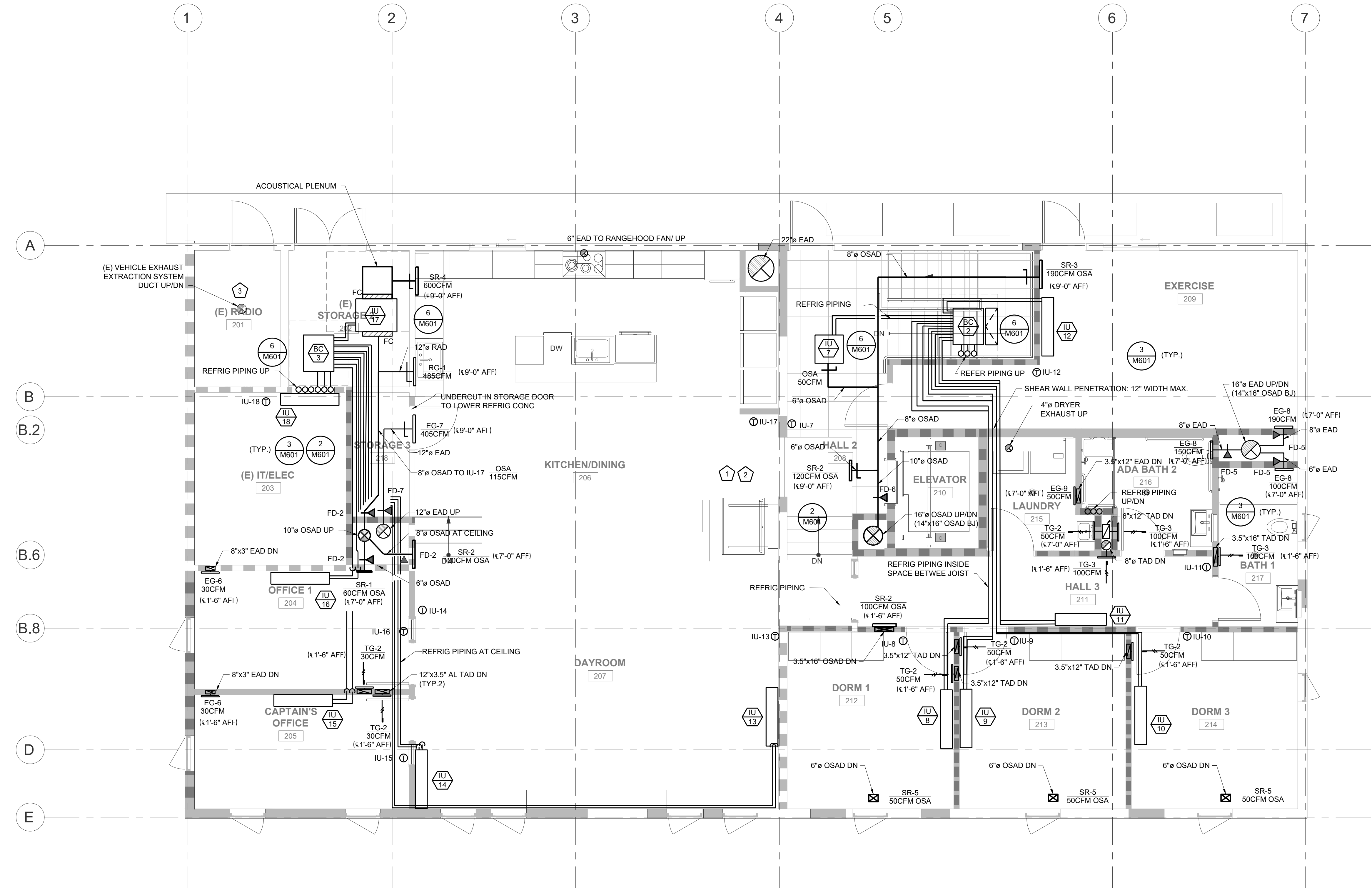
CIVIL: BKF ENGINEERS  
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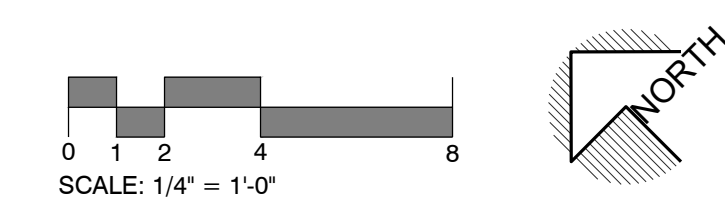
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 By: ROSALINA ACUFF

**1 SECOND FLOOR PLAN**  
 SCALE: 1/4"=1'-0"



NO.	DESCRIPTION	DATE
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	PLAN CHECK COMMENTS	07-22-22

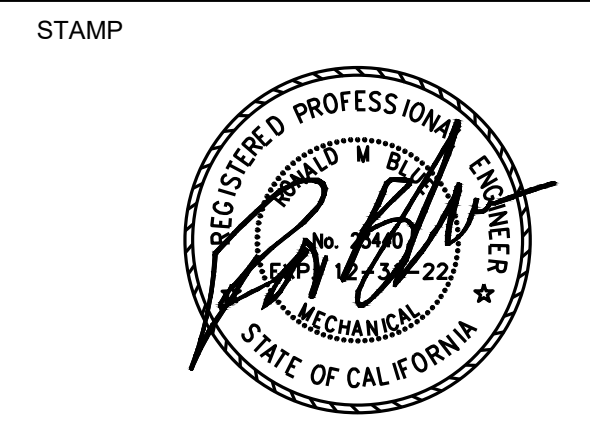
JOB NO.

DESCRIPTION  
 MECHANICAL SECOND FLOOR PLAN

**M202**

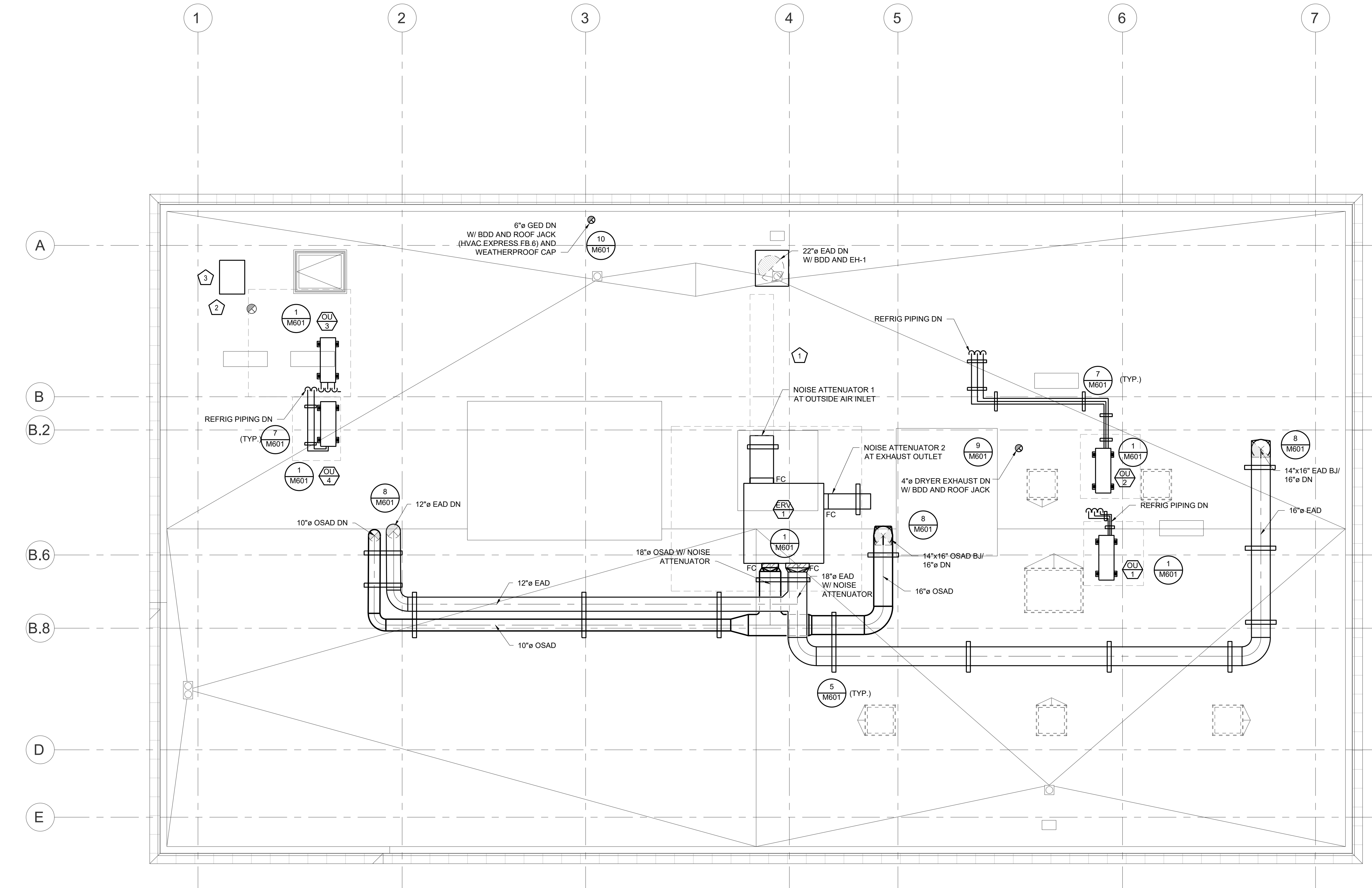
**SHEET NOTES**

1. DEMOLISH ALL (E) MECHANICAL EQUIPMENT AND DUCTING, EXCEPT (E) VEHICLE ENGINE EXHAUST EXTRACT SYSTEM.
2. PROTECT AND RETAIN (E) VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM.
3. REPLACE (E) EXHAUST FAN FOR VEHICLE ENGINE EXHAUST EXTRACTION SYSTEM W/ (N) EF. EF TO MATCH (E) FAN CAPACITY. VIF. COVER EF W/ SOUND DEADENING MATERIAL.



PROJECT ADDRESS  
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 KENSINGTON, CA, 94707**

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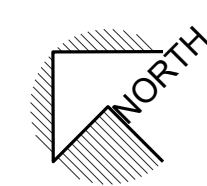
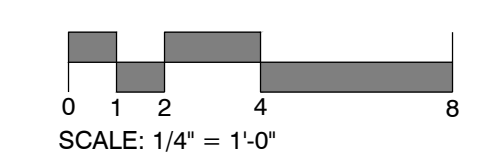
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By: ROSALINA ACUFF

**1 ROOF PLAN**  
 M203 SCALE: 1/4" = 1'-0"



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	PLAN CHECK COMMENTS	07-22-22

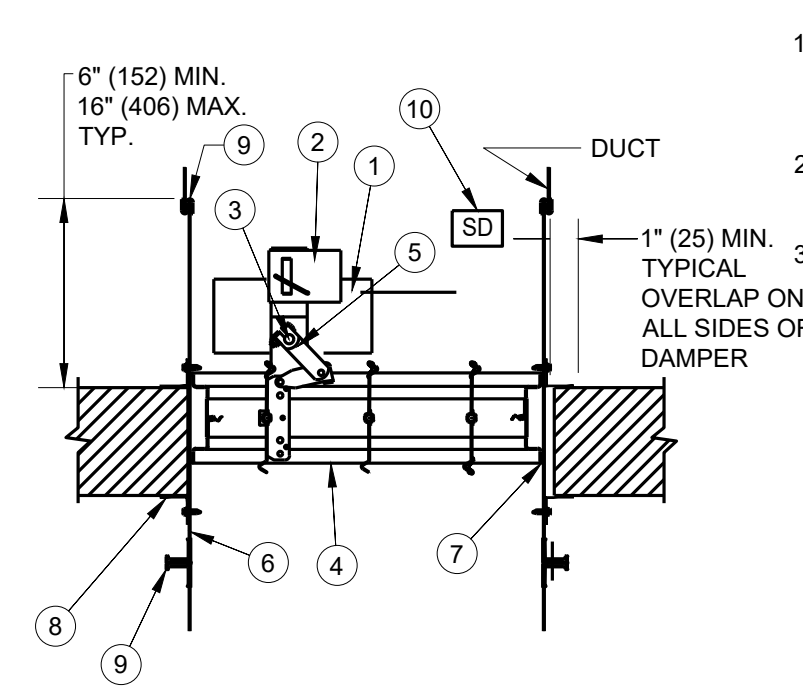
JOB NO.

DESCRIPTION  
 MECHANICAL ROOF PLAN

**M203**



- ITEM DESCRIPTION**
- ACTUATOR (LOCATION MAY VARY). DAMPER MAY BE SUPPLIED WITHOUT ACTUATOR INSTALLED. UL LISTED FIRE DAMPER ACTUATORS MAY BE FIELD INSTALLED IF PROPERLY LABELED. SEE ACTUATOR INSTALLATION INSTRUCTIONS FOR FIELD MOUNTING OF DAMPER ACTUATORS.
  - OPTIONAL FIRESTAT OR SWITCH.
  - AUXILIARY OPERATING JACK SHAFT.
  - DAMPER.
  - OVER CENTER LOCK.
  - SLEEVE.
  - CAULKING MATERIAL (MAY BE ON EITHER SIDE OF DAMPER FRAME).
  - PFMA OR CONVENTIONAL MOUNTING ANGLES.
  - S-JOINT/DUCT MATE, SLEEVE TO DUCT.
  - SMOKE DETECTOR WITHIN 5' BEFORE ANY BRANCHING.



**12 SMOKE/FIRE DAMPER- HORIZONTAL**  
M601 NO SCALE

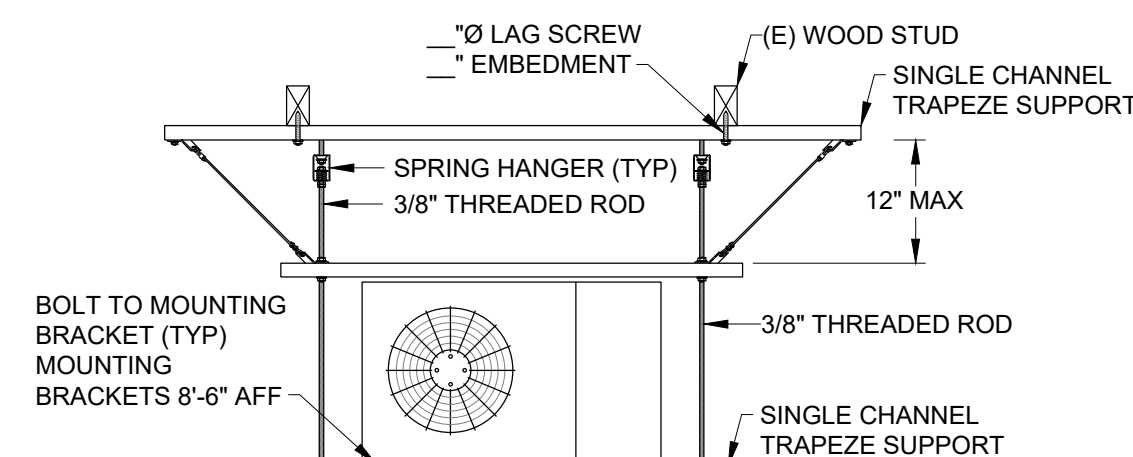
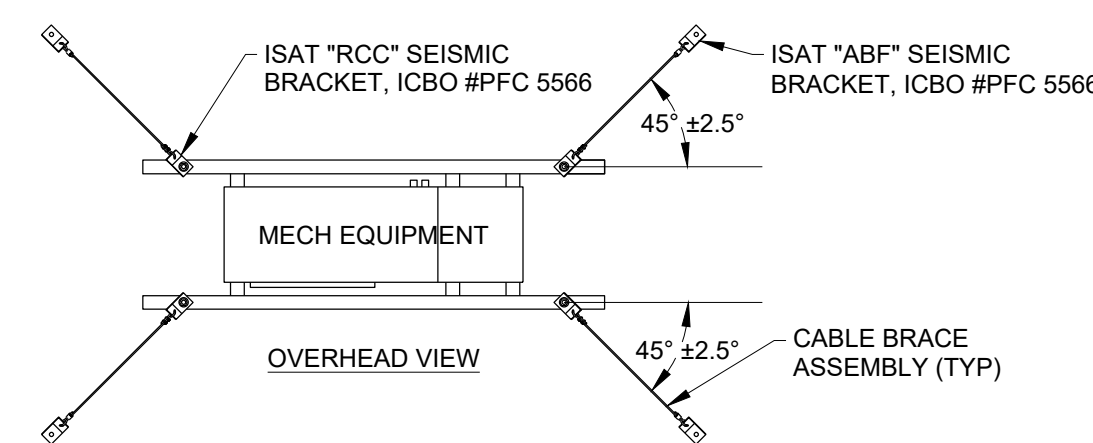
**FIRE SMOKE DAMPER CONTROL SEQUENCE OF OPERATION FOR FIRE SMOKE DAMPERS**

- SUPPLY APPROPRIATE PNEUMATIC OR ELECTRICAL POWER TO DAMPER. (240VAC OR 120VAC).
- DAMPER BLADES ARE OPEN WHEN POWER IS APPLIED.
- FIRE/SMOKE DAMPER IN SUPPLY DUCT WILL CLOSE UPON LOSS OF POWER AND/OR SMOKE DETECTION SIGNAL FROM AIR DUCT SMOKE DETECTOR LOCATED IN THE SUPPLY DUCT OF EACH MECHANICAL UNIT. FIRE/SMOKE DAMPERS IN CEILING RETURN AIR PLENUM WALLS SHALL CLOSE WHEN RESPECTIVE AREA SMOKE DETECTOR IS ACTIVATED. INTERLOCK WILL ALSO SHUT DOWN MECHANICAL UNITS. INTERFACE WITH SUPPLY FAN PRESSURE OR FLOW SWITCH TO CLOSE DAMPERS WHEN UNIT IS NOT IN OPERATION. WHEN POWER IS RESTORED DAMPER WILL AUTOMATICALLY RE-OPEN.

- DAMPER WILL CLOSE IF TEMPERATURE EXCEED 165°F (TEMPERATURE RATING OF THERMAL DISK). THE DAMPER WILL NOT RE-OPEN UNTIL THE THERMAL DISC HEAT SENSOR IS RESET. THE THERMAL RESET BUTTON ALLOWS THE DAMPER TO BE RESET FROM OUTSIDE THE SLEEVE.
- THE SMOKE DAMPER RESPONSE TIMES SHALL MEET THE REQUIREMENTS OF CBC SECTION 905.14

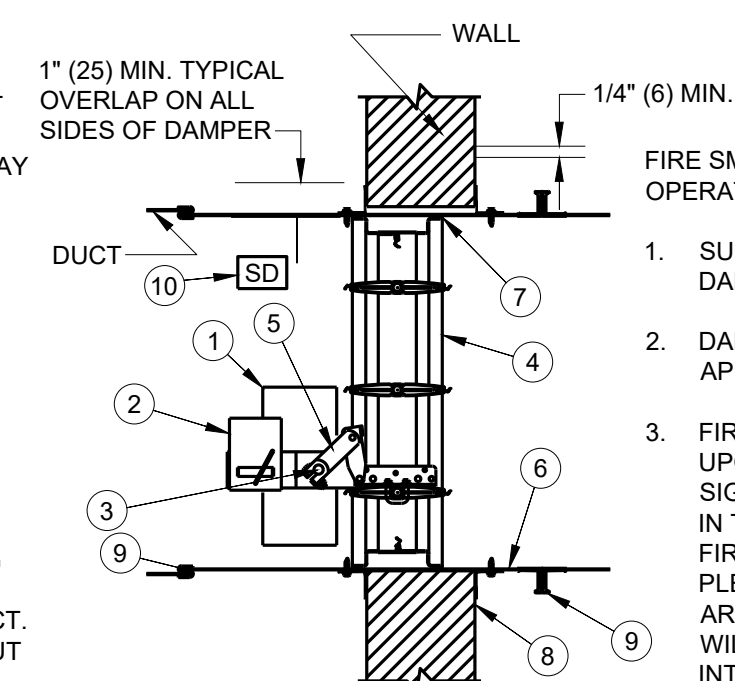
WHERE SMOKE DETECTORS DEPEND UPON A MINIMAL AIR VELOCITY TO OPERATE ARE INSTALLED IN DUCT FOR THE ACTUATION OF THE SMOKE DAMPER. THE SMOKE DAMPERS SHALL BE CONNECTED SUCH THAT WHEN THERE IS NO AIR MOVEMENT THROUGH THE DUCT, THE SMOKE DAMPER SHALL CLOSE.

SMOKE DETECTORS, ESPECIALLY THE SAMPLING TUBE TYPE, ARE DEPENDENT UPON AIR FLOW TO MOVE SMOKE INTO THE DETECTOR'S SAMPLING CHAMBER. WHEN AIR HANDLING UNITS ARE SHUT DOWN IT IS IMPORTANT THAT ALL SMOKE DAMPERS IN THE DUCT SYSTEM SERVED BY THAT AIR HANDLER, CLOSE. THIS WILL ENSURE THE SMOKE TIGHT INTEGRITY OF THE FIRE AD SMOKE BARRIER SEPARATIONS AT THE DUCT PENETRATION IS MAINTAINED.



**6 BLOWER COIL/FAN MOUNTING DETAIL**  
M601 NO SCALE

- ITEM DESCRIPTION**
- ACTUATOR (LOCATION MAY VARY). DAMPER MAY BE SUPPLIED WITHOUT ACTUATOR INSTALLED. RUSKIN'S UL LISTED FIRE DAMPER ACTUATORS MAY BE FIELD INSTALLED IF PROPERLY LABELED. SEE ACTUATOR INSTALLATION INSTRUCTIONS FOR FIELD MOUNTING OF DAMPER ACTUATORS.
  - OPTIONAL FIRESTAT OR SWITCH.
  - AUXILIARY OPERATING JACK SHAFT.
  - DAMPER.
  - OVER CENTER LOCK.
  - SLEEVE.
  - CAULKING MATERIAL (MAY BE ON EITHER SIDE OF DAMPER FRAME).
  - PFMA OR CONVENTIONAL MOUNTING ANGLES.
  - S-JOINT/DUCT MATE, SLEEVE TO DUCT.
  - SMOKE DETECTOR WITHIN 5' WITHOUT BRANCHING BETWEEN SMOKE DETECTOR AND DAMPER.



**11 SMOKE/FIRE DAMPER- VERTICAL**  
M601 NO SCALE

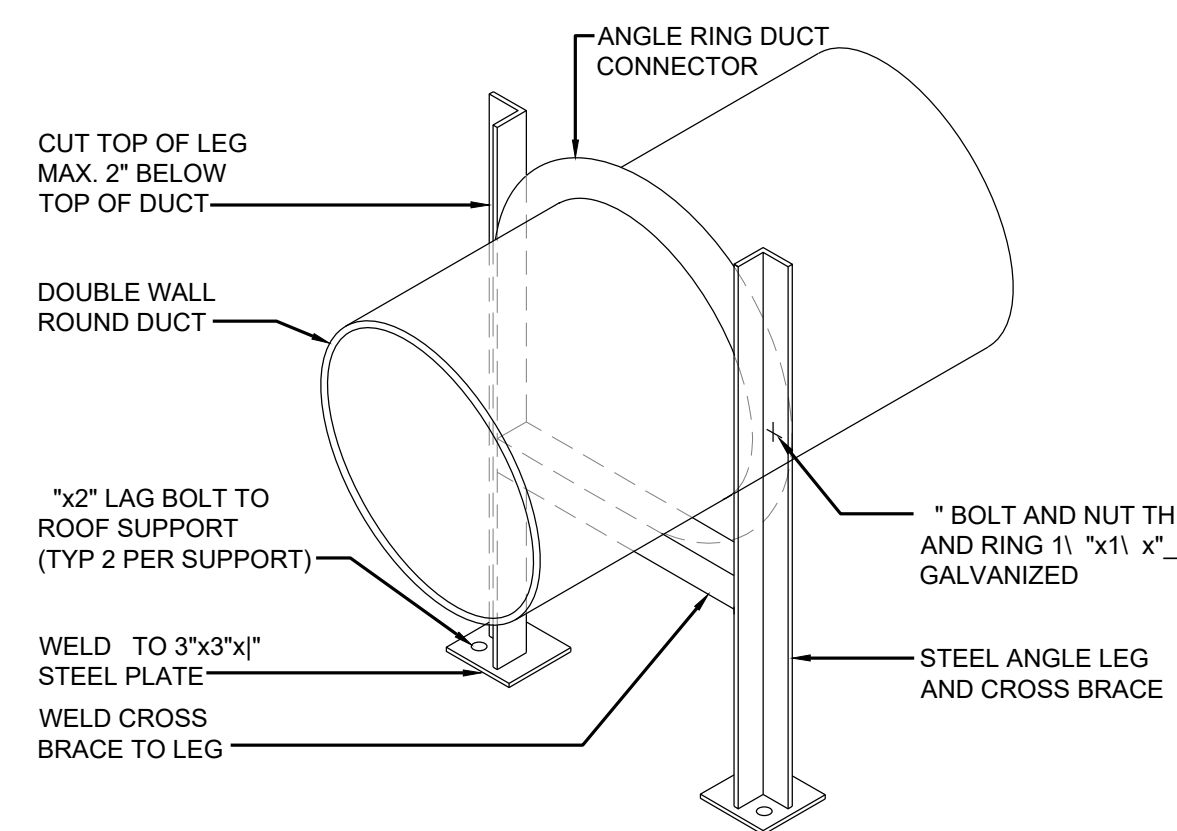
**FIRE SMOKE DAMPER CONTROL SEQUENCE OF OPERATION FOR FIRE SMOKE DAMPERS**

- SUPPLY APPROPRIATE ELECTRICAL POWER TO DAMPER. (240VAC OR 120VAC).
- DAMPER BLADES ARE OPEN WHEN POWER IS APPLIED.
- FIRE/SMOKE DAMPER IN SUPPLY DUCT WILL CLOSE UPON LOSS OF POWER AND/OR SMOKE DETECTION SIGNAL FROM AIR DUCT SMOKE DETECTOR LOCATED IN THE SUPPLY DUCT OF EACH MECHANICAL UNIT. FIRE/SMOKE DAMPERS IN CEILING RETURN AIR PLENUM WALLS SHALL CLOSE WHEN RESPECTIVE AREA SMOKE DETECTOR IS ACTIVATED. INTERLOCK WILL ALSO SHUT DOWN MECHANICAL UNITS. INTERFACE WITH SUPPLY FAN PRESSURE OR FLOW SWITCH TO CLOSE DAMPERS WHEN UNIT IS NOT IN OPERATION. WHEN POWER IS RESTORED DAMPER WILL AUTOMATICALLY RE-OPEN.

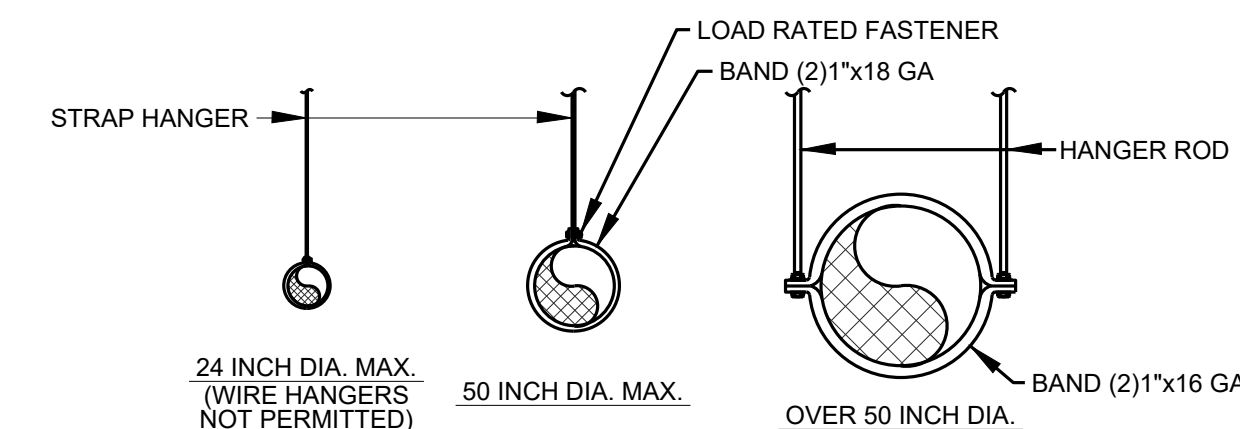
- DAMPER WILL CLOSE IF TEMPERATURE EXCEED 165°F (TEMPERATURE RATING OF THERMAL DISK). THE DAMPER WILL NOT RE-OPEN UNTIL THE THERMAL DISC HEAT SENSOR IS RESET. THE THERMAL RESET BUTTON ALLOWS THE DAMPER TO BE RESET FROM OUTSIDE THE SLEEVE.
- THE SMOKE DAMPER RESPONSE TIMES SHALL MEET THE REQUIREMENTS OF CBC SECTION 905.14

WHERE SMOKE DETECTORS DEPEND UPON A MINIMAL AIR VELOCITY TO OPERATE ARE INSTALLED IN DUCT FOR THE ACTUATION OF THE SMOKE DAMPER. THE SMOKE DAMPERS SHALL BE CONNECTED SUCH THAT WHERE THERE IS NO AIR MOVEMENT THROUGH THE DUCT, THE SMOKE DAMPER SHALL CLOSE.

SMOKE DETECTORS, ESPECIALLY THE SAMPLING TUBE TYPE, ARE DEPENDENT UPON AIR FLOW TO MOVE SMOKE INTO THE DETECTOR'S SAMPLING CHAMBER. WHEN AIR HANDLING UNITS ARE SHUT DOWN IT IS IMPORTANT THAT ALL SMOKE DAMPERS IN THE DUCT SYSTEM SERVED BY THAT AIR HANDLER, CLOSE. THIS WILL ENSURE THE SMOKE TIGHT INTEGRITY OF THE FIRE AD SMOKE BARRIER SEPARATIONS AT THE DUCT PENETRATION IS MAINTAINED.



**5 DUCT SUPPORT DETAIL**  
M02.4 NO SCALE

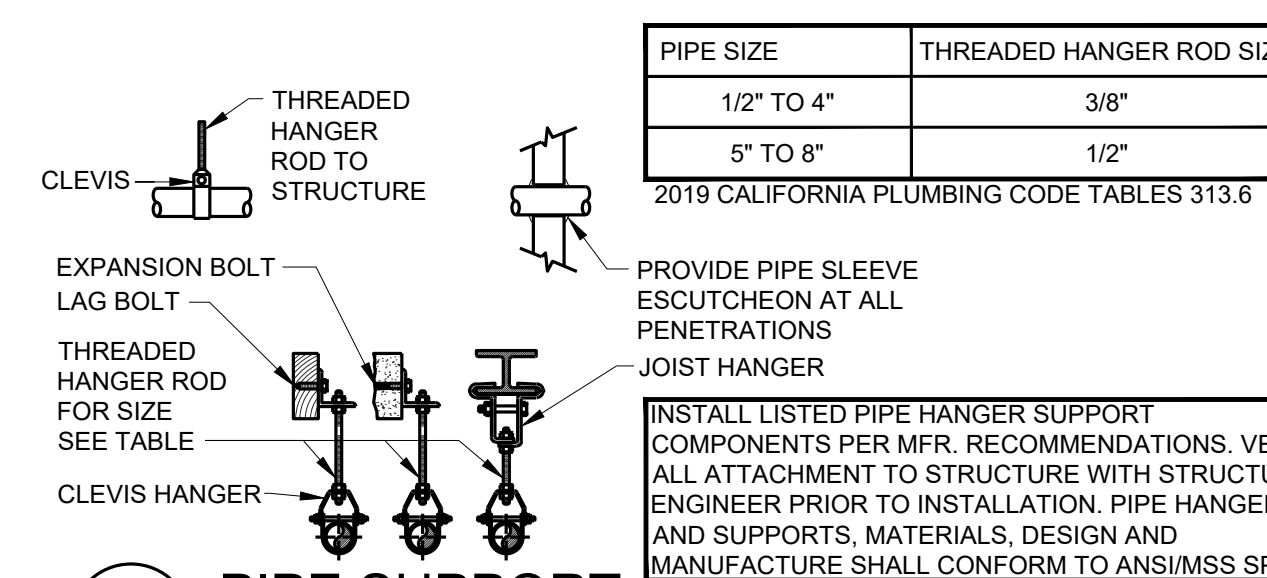


- NOTES:**
- FOR HANGER SIZE AND SPACING. SEE SMACNA HVAC MINIMUM HANGER SIZES FOR ROUND DUCT TABLE 5-2.
  - FOR UPPER ATTACHMENT TO BUILDING SEE SMACNA HVAC FIG. 5-2, FIG. 5-3, AND FIG. 5-4. FOR LOWER SUPPORTS SEE SMACNA HVAC FIG. 5-5.
  - FOR BRACING AND OTHER SEISMIC REQUIREMENT SEE GUIDELINES MECHANICAL SYSTEMS AND PLUMBING. ALSO REFER TO NATIONAL UNIFORM SEISMIC INSTALLATION.

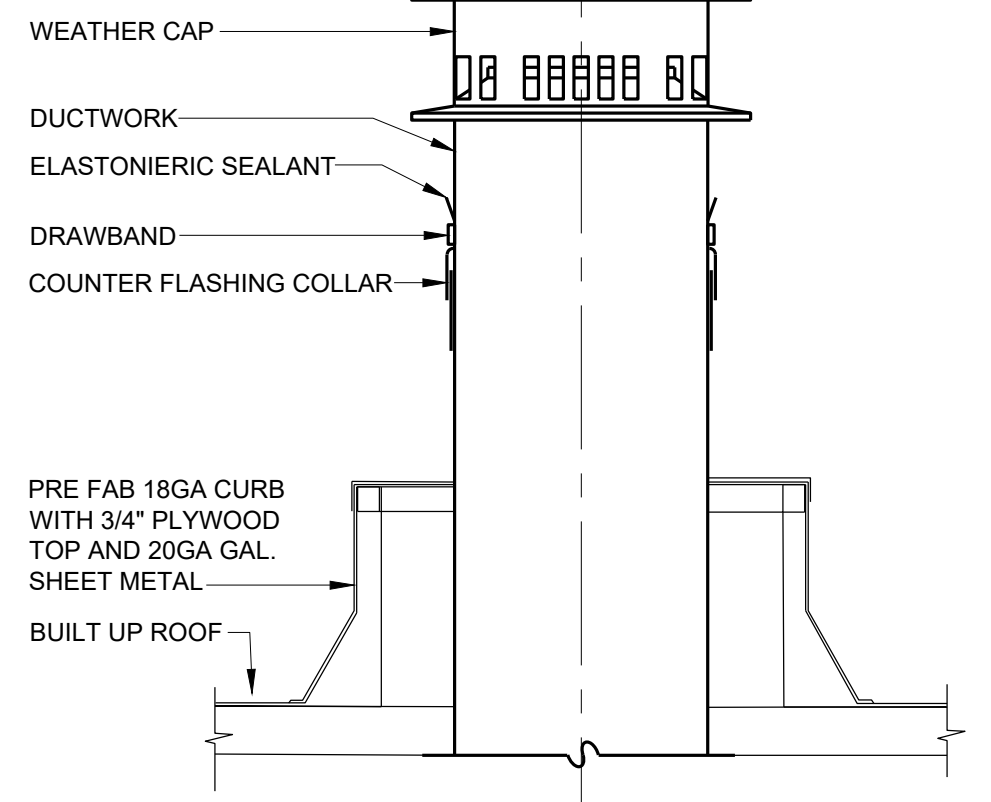
**3 ROUND DUCT SUPPORTS**  
M601 NO SCALE

HANGERS AND PIPING SUPPORTS			
SIZE OF PIPE (INCH)	SPACING OF SUPPORTS (FEET)		TYPE OF JOINT
	HORIZONTAL	VERTICAL	
COPPER TUBE & PIPE			
1-1/2\" & SMALLER	6'	EACH FLOOR, NOT TO EXCEED 10'	SOLDERED OR BRAZED
2\" & LARGER	10'		

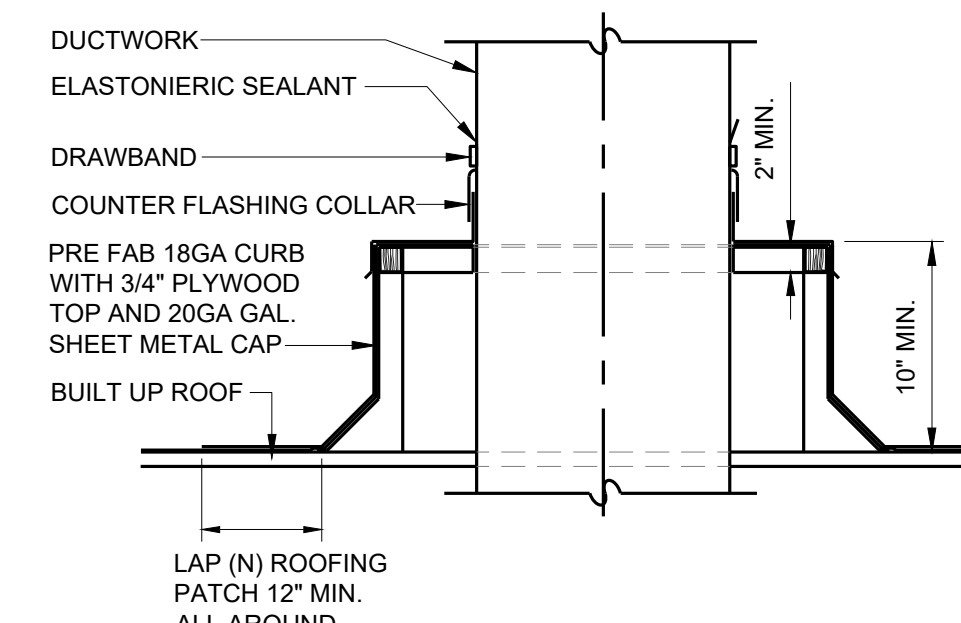
2019 CALIFORNIA PLUMBING CODE TABLES 313.3



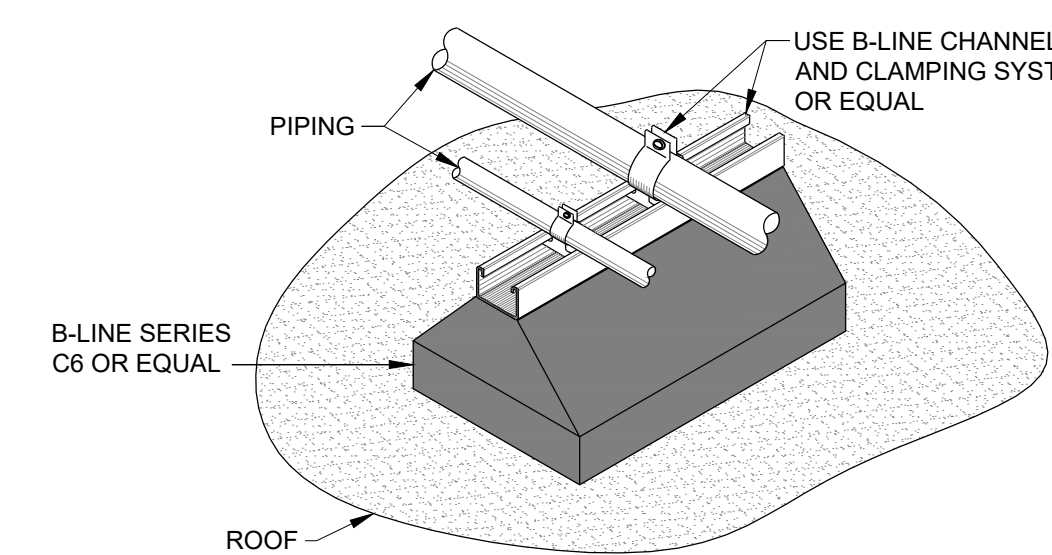
**2 PIPE SUPPORT**  
M601 NO SCALE SEE PLAN VIEW



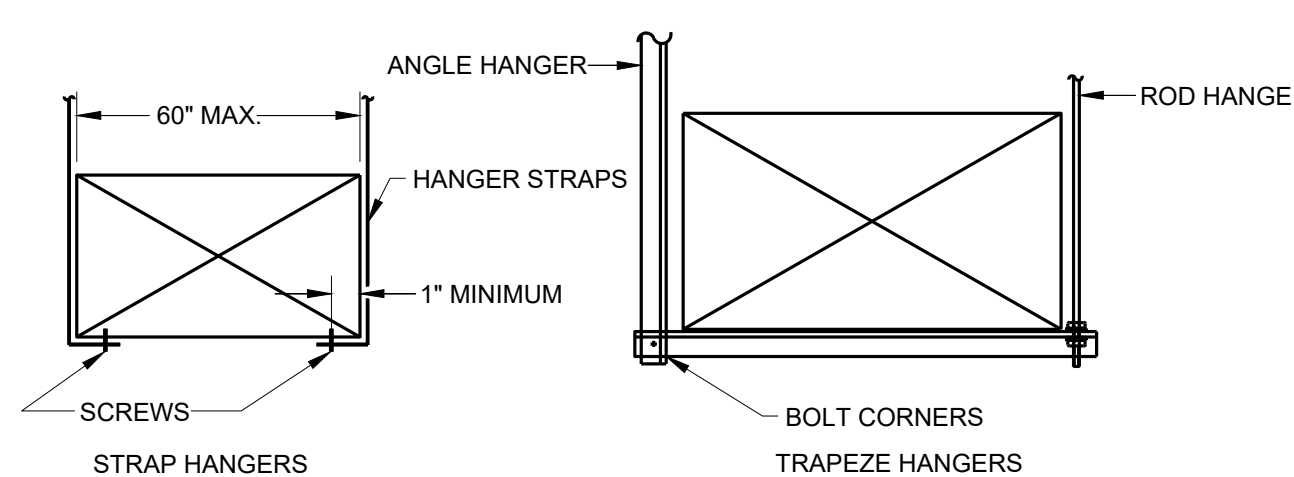
**10 ROOF JACK/ CAP DETAIL**  
M601 NO SCALE



**8 DUCT THRU ROOF DETAIL**  
M601 NO SCALE

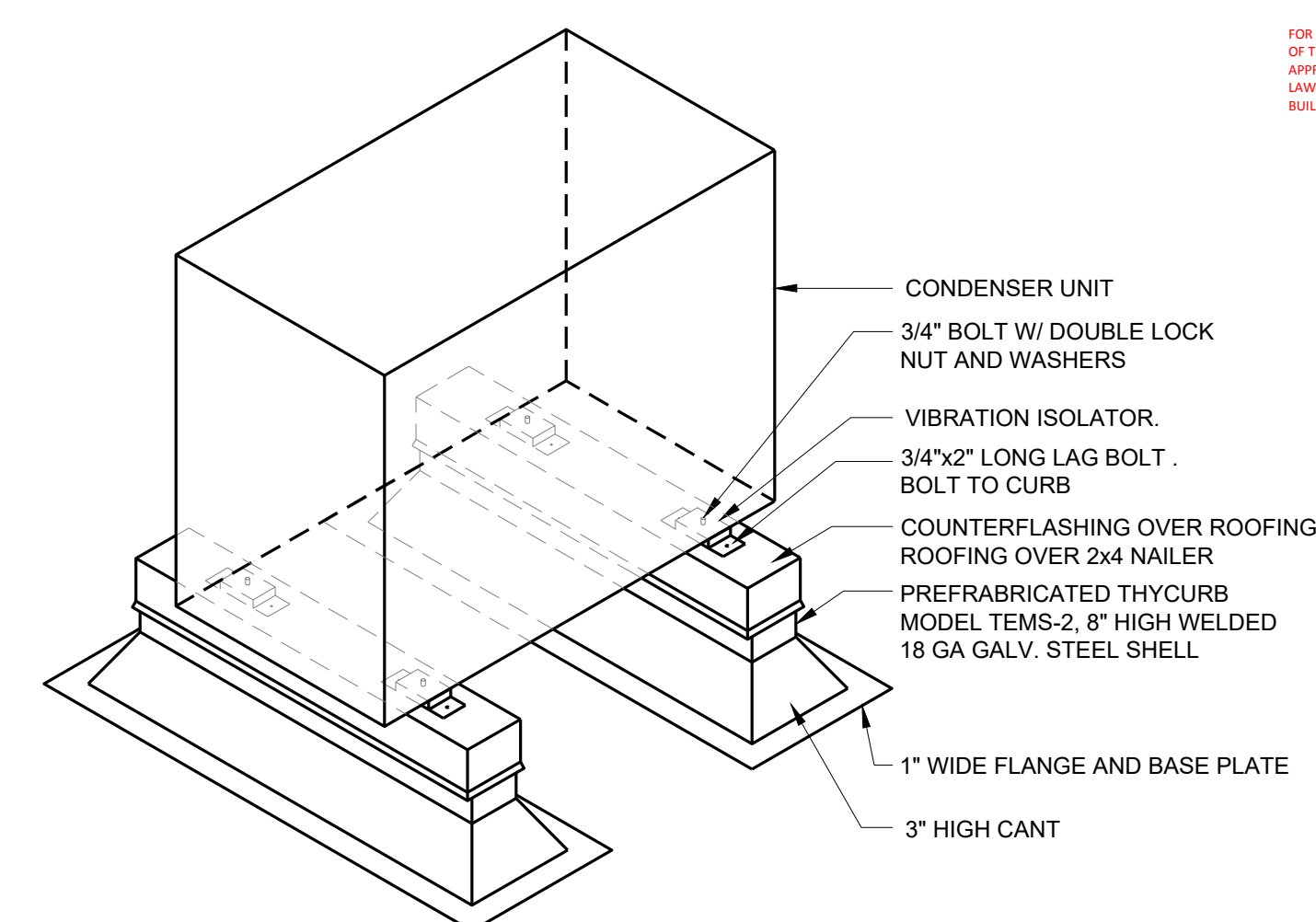


**7 ROOF SUPPORT FOR PIPING**  
M601 NO SCALE



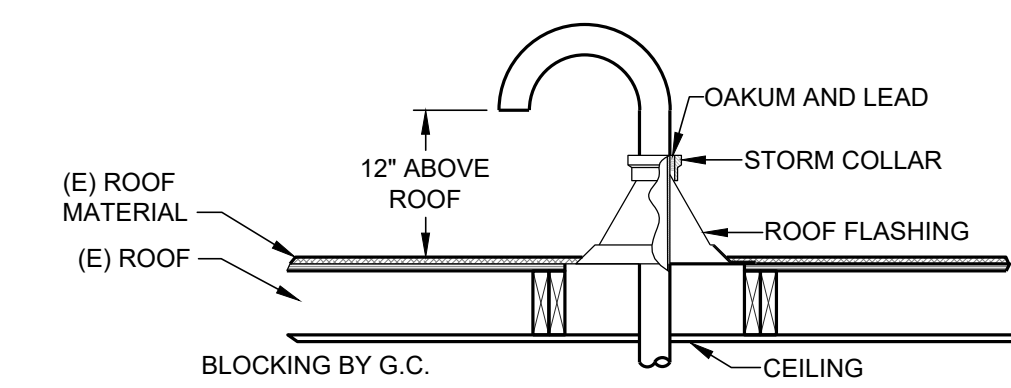
- NOTES:**
- FOR HANGERS SIZE AND SPACING. SEE SMACNA HVAC RECTANGULAR DUCT HANGERS MINIMUM SIZE TABLE 5-1.
  - FOR UPPER ATTACHMENT TO BUILDING, SEE SMACNA HVAC FIG. 5-2, FIG. 5-3, AND FIG. 5-4 WITH SPECIFIC BUILDING STRUCTURAL ENGINEER APPROVAL. FOR LOWER HANGER ATTACHMENTS, SEE SMACNA HVAC FIG. 5-5.
  - FOR BRACING AND OTHER SEISMIC REQUIREMENTS. SEE GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS & PLUMBING PIPING SYSTEMS PUBLISHED BY SMACNA AND PPIC AS APPROVED BY OFFICE OF STATE ARCHITECT 10/32/82, OSHPD PRE-APPROVED R0010. ALSO REFER TO NATIONAL UNIFORM SEISMIC INSTALLATION GUIDELINES (NUSIG) 1991 AS APPROVED BY OFFICE OF THE CALIFORNIA STATE ARCHITECT, OSHPD PRE-APPROVED R0215.

**4 RECTANGULAR DUCT SUPPORTS**  
M601 NO SCALE



**1 ROOFTOP EQUIPMENT SUPPORT DETAIL**  
M601 NO SCALE

**9 DRYER EXHAUST**  
M601 NO SCALE



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MECHANICAL DETAILS



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 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

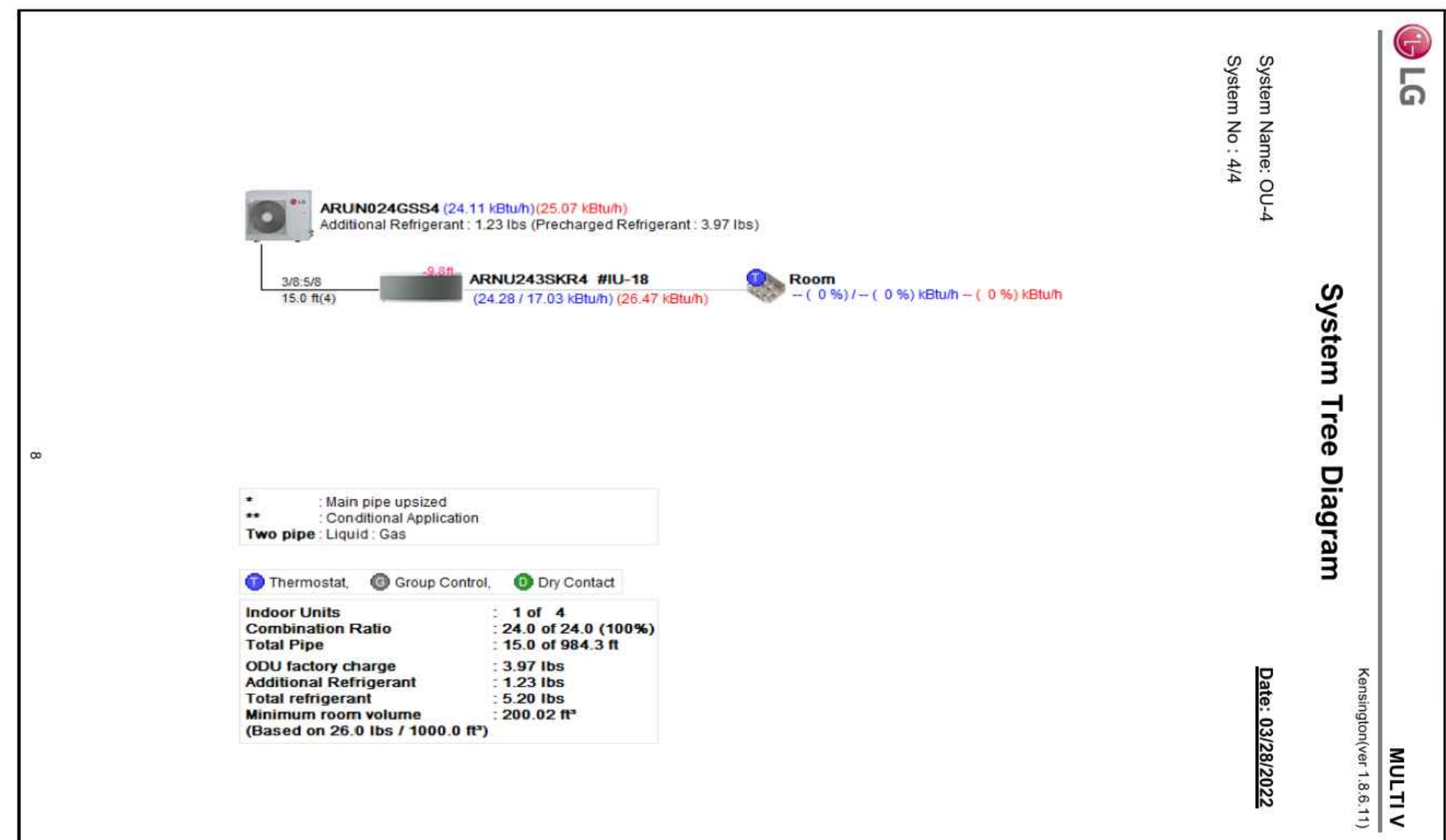
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

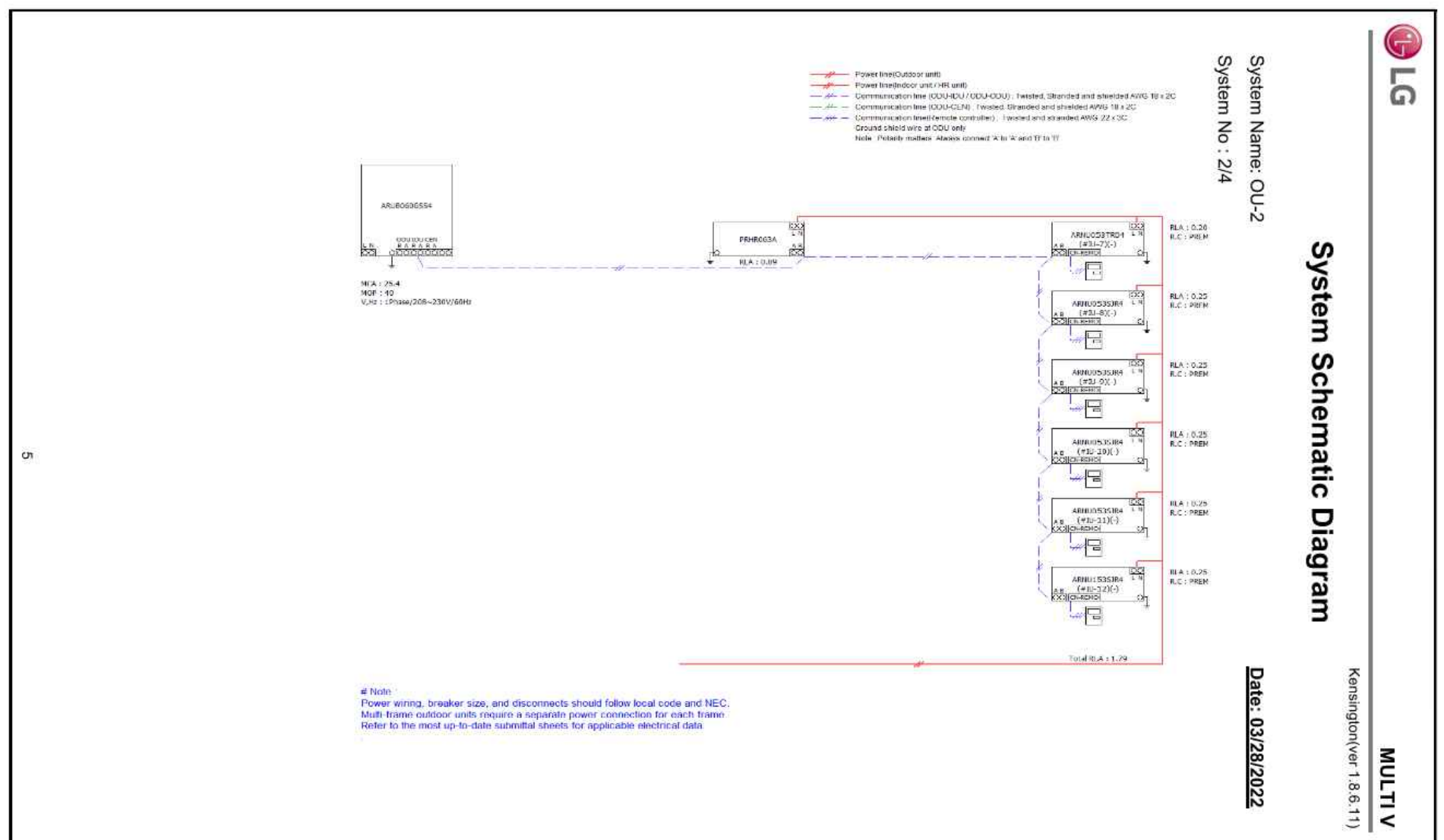
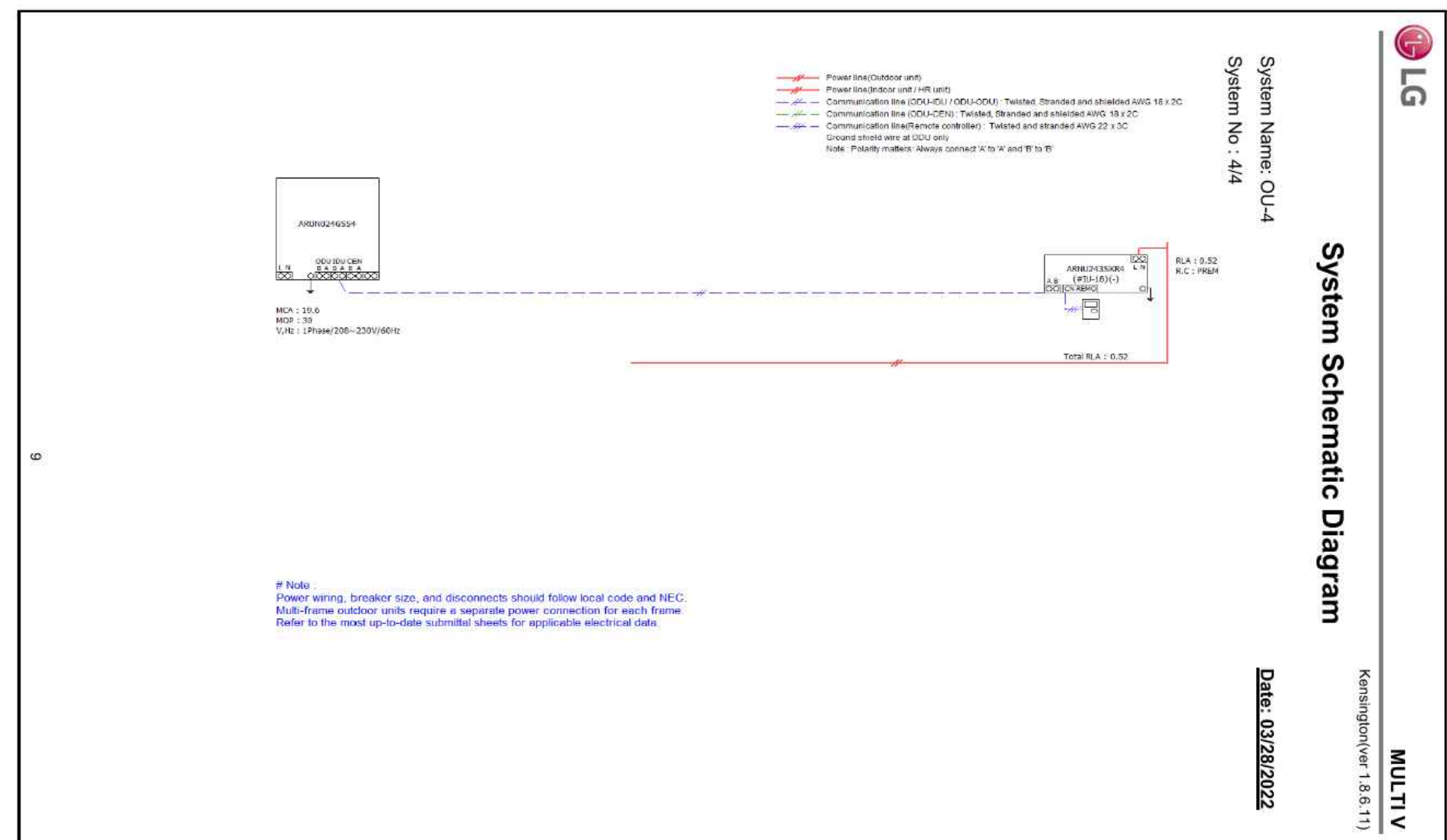
NO.	DESCRIPTION	DATE
1	ISSUED FOR BUILDING PERMIT	04-01-22
2	PLAN CHECK COMMENTS	07-22-22

JOB NO.  
 DESCRIPTION  
 MECHANICAL SYSTEM SCHEMATIC DIAGRAM

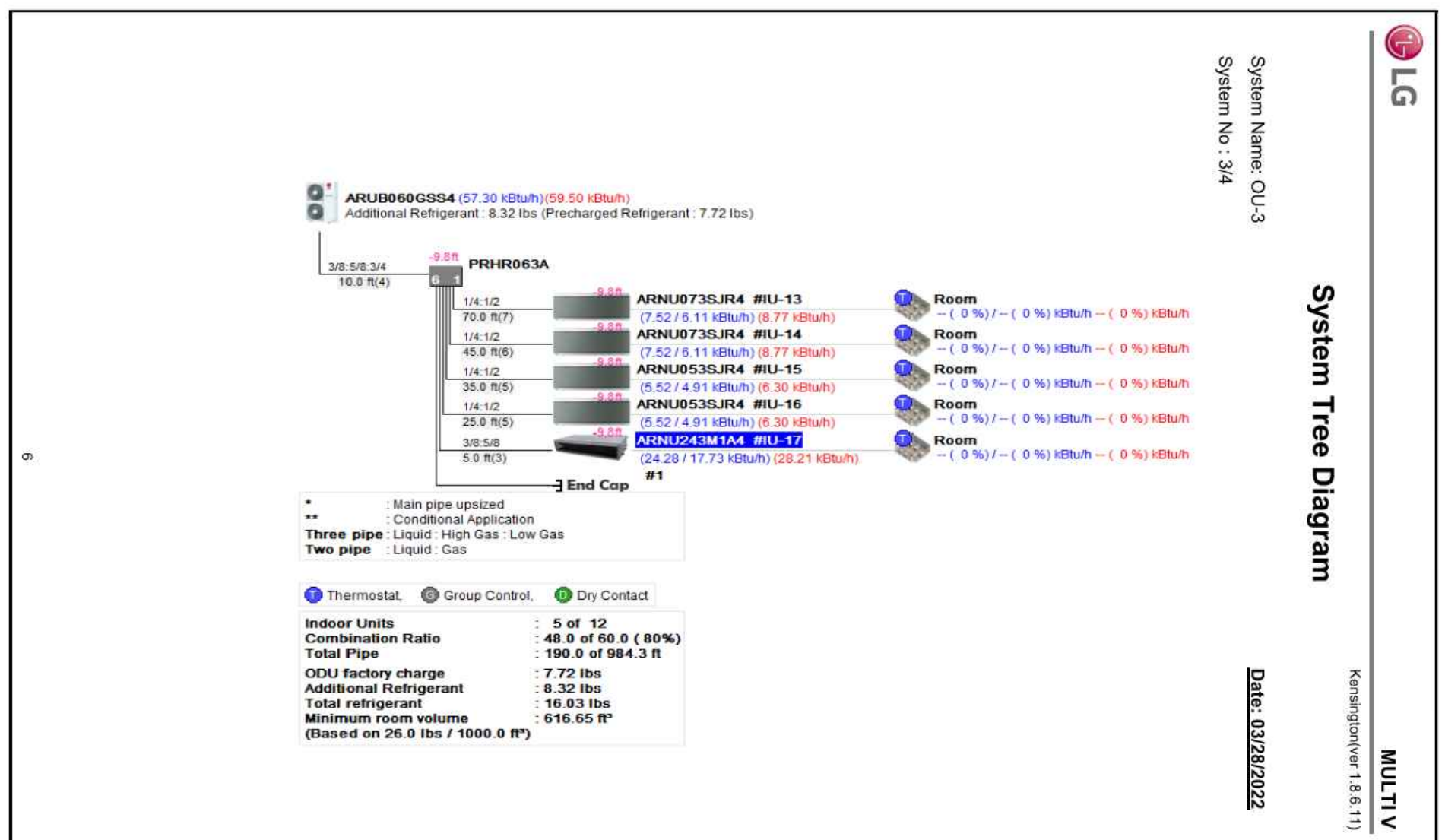
CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10-13 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING DECS & CODES. THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF



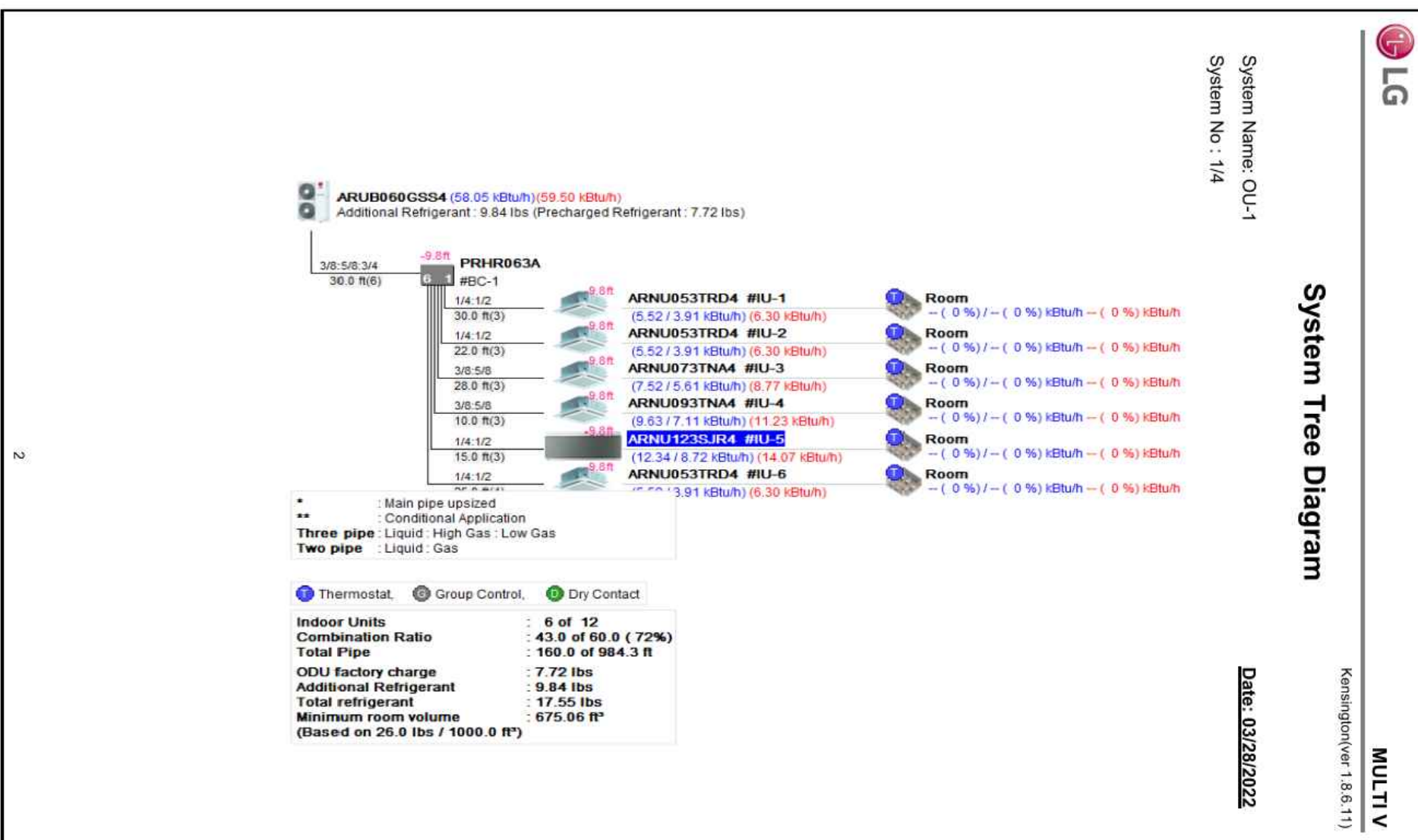
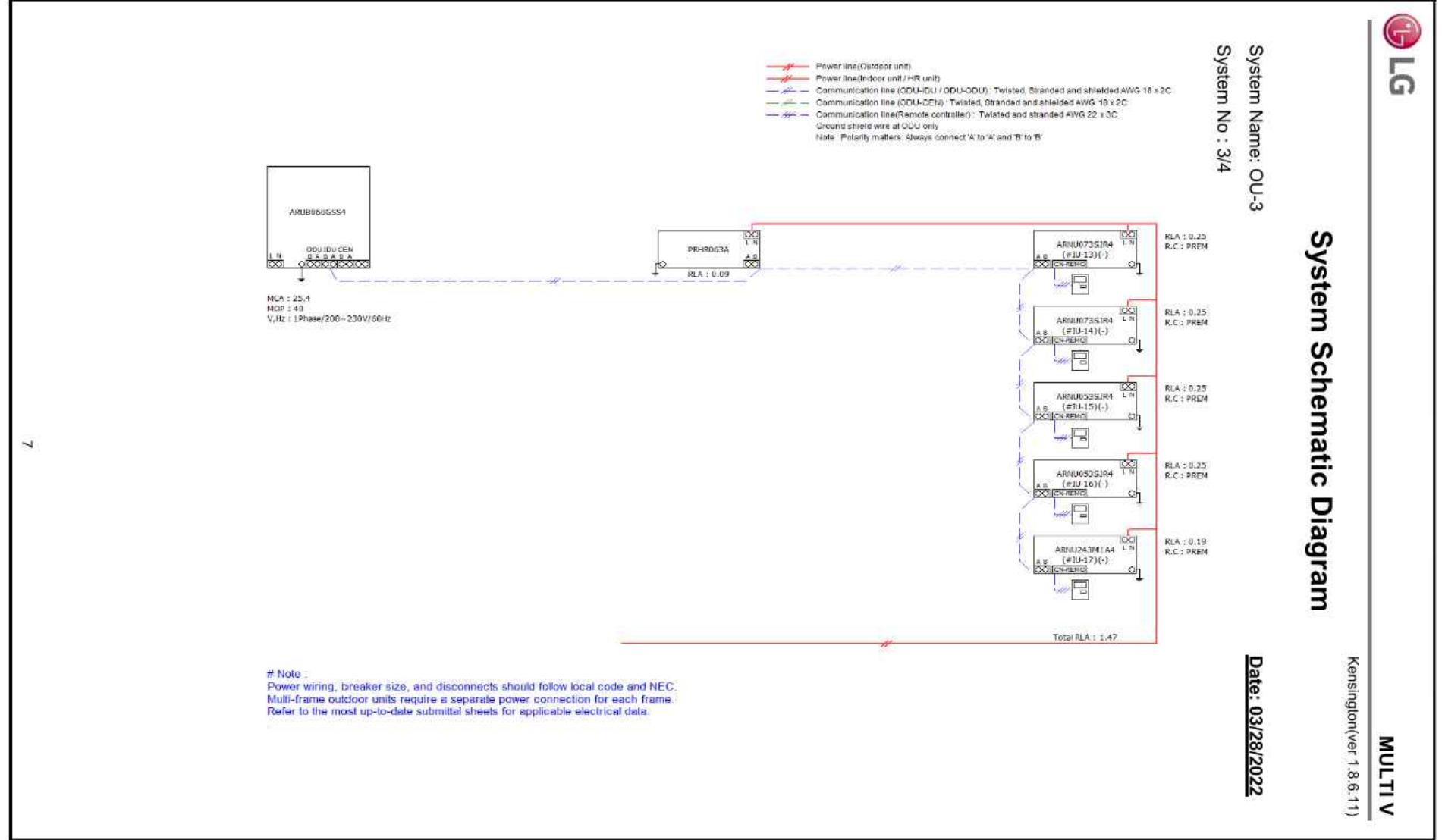
- NOTE:
- CONTRACTOR TO FIELD VERIFY REFRIGERANT PIPING LENGTH AND UPDATE VRF SOFTWARE.
  - CONTRACTOR TO VERIFY TOTAL REFRIGERANT CHARGE IN COMPLIANCE WITH CMC 1104.2



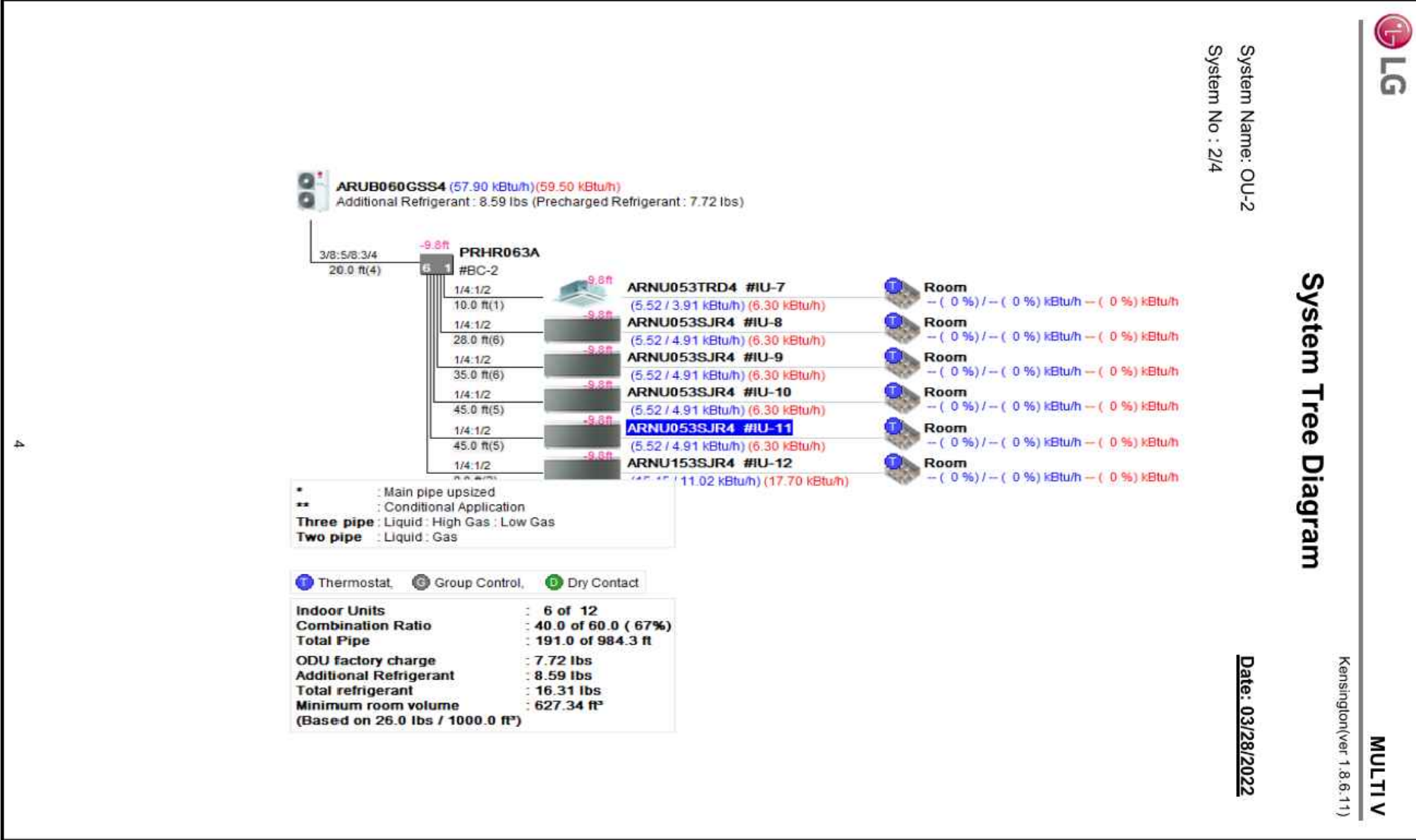
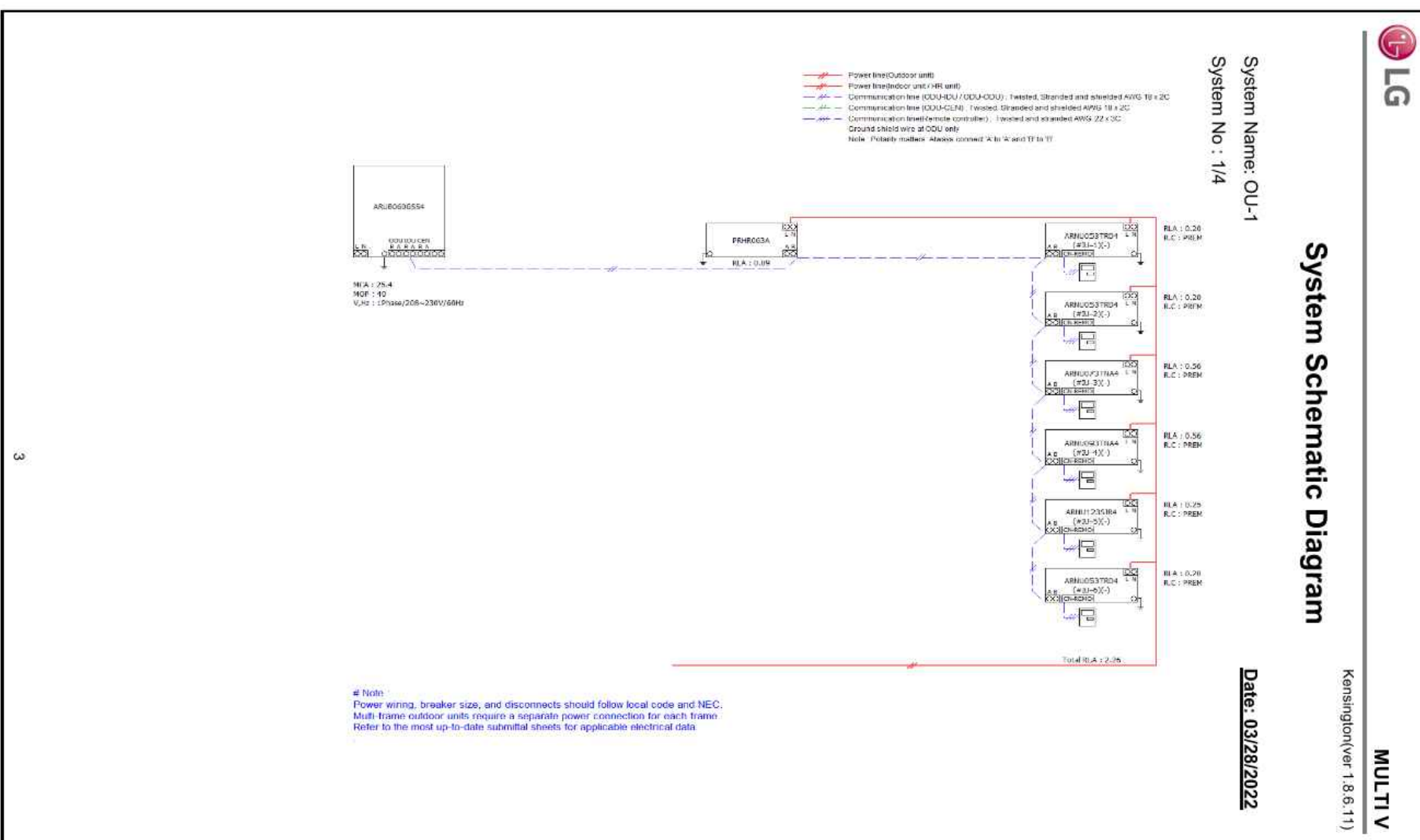
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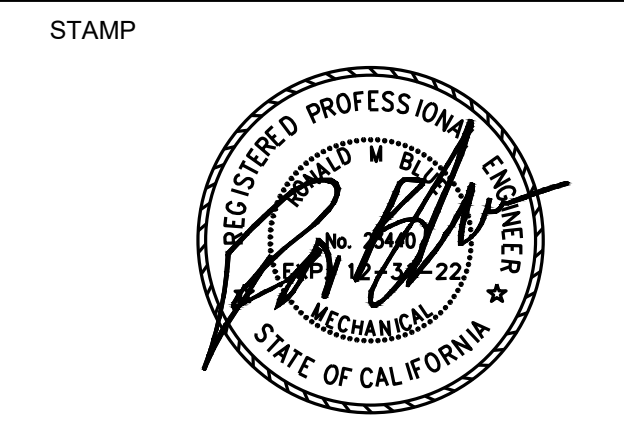
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PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJIANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
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GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
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 By: **ROSALINA ACUFF**

**GENERAL PLUMBING NOTES**

- ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA PLUMBING CODE AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24.
- LOCATION OF ALL ROOF OPENINGS AND THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT SUPPORTS ARE DETAILED ON THE STRUCTURAL AND ARCHITECTURAL PLANS.
- PLATFORMS, CURBS AND FLASHING FOR EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS. COORDINATE THE EXACT SIZES OF REQUIRED OPENINGS AND SUPPORT FOR THE FURNISHED EQUIPMENT.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- ALL EQUIPMENT, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHERPROOFED.
- PIPES SHALL BE SUPPORTED AND BRACED PER SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS."
- COORDINATE PLUMBING SYSTEMS WITH WORK OF OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- EXPOSED PIPING ALLOWED ONLY WHERE INDICATED. PROVIDE ESCUTCHEONS IN FINISHED AREAS.
- MAINTENANCE LABEL SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT.
- PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR EQUIPMENT PROVIDED UNDER OTHER DIVISIONS OF THE SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EQUIPMENT.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED BY AN APPROVED MATERIAL AS PRESCRIBED IN CBC SECTION 714.
- REFER TO STRUCTURAL DRAWING FOR LOCATIONS OF BEAMS, SHEAR WALLS AND MEMBERS. ALL DRILLING OF STRUCTURAL BEAMS AND MEMBERS TO BE COORDINATED WITH THE STRUCTURAL ENGINEER. ALL HOLES SHALL BE MINIMUM SIZE AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO DRILLING.
- FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING, DUCTWORK AND EQUIPMENT PRIOR TO FABRICATION OF ANY NEW WORK.
- ALL WATER CLOSETS CONTROLS SHALL BE ON THE WIDE SIDE OF THE FIXTURE AWAY FROM THE WALL.
- ALL FAUCET CONTROLS SHALL BE OPERABLE WITH THE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.

**DRAWING INDEX**

DWG #	DRAWING DESCRIPTION
P001	PLUMBING TITLE SHEET
P002	PLUMBING SCHEDULES
P003	TITLE-24 DOCUMENTS
P201	UNDERGROUND PLUMBING PLAN
P202	PLUMBING WASTE, RWL & VENT GROUND FLOOR PLAN
P203	PLUMBING WASTE, RWL & VENT SECOND FLOOR PLAN
P204	PLUMBING WASTE, & VENT ROOF PLAN
P205	PLUMBING DCW, DHW, & GAS GROUND FLOOR PLAN
P206	PLUMBING DCW, DHW, & GAS SECOND FLOOR PLAN
P601	DETAILS

**SYMBOLS & ABBREVIATIONS (PLUMBING)**

	BALANCING COCK	ABV.CLG.	ABOVE CEILING
	BALL VALVE	AFCO	ACID FLOOR CLEANOUT
	CAP	AFD	ACID RESISTANT FLOOR DRAIN
	CHECK VALVE	AFV	ACID VENT
	CLEANOUT	AGCO	ACID GRADE CLEANOUT
	COMPRESSED AIR PIPING (E)	AP	ACCESS PANEL
	DEIONIZED WATER (EXISTING)	AV	ACID VENT
	DOMESTIC COLD WATER (EXISTING)	AVTR	ACID VENT THRU ROOF
	DOMESTIC COLD WATER (NEW)	AW	ACID WASTE
	DOMESTIC HOT WATER (EXISTING)	AWCO	ACID WALL CLEANOUT
	DOMESTIC HOT WATER (NEW)	BV	BALL VALVE
	DOMESTIC HOT WATER RETURN (EXISTING)	CA	COMPRESSED AIR PIPING
	DOMESTIC HOT WATER RETURN (NEW)	CB	CATCH BASIN
	DIRECTION OF FLOW	CD	CONDENSATE
	DRY STANDPIPE	CFH	CUBIC FEET PER HOUR
	FIRE SPRINKLER PIPING	CI	CAST IRON
	FLANGED UNION	CP	CHROME PLATED
	FLOOR DRAIN/ AREA DRAIN	DCW	DOMESTIC COLD WATER
	FLOOR SINK	DHW	DOMESTIC HOT WATER
	FORCE MAIN	DHWTR	DOMESTIC HOT WATER RETURN
	GAS PIPING (EXISTING)	DCV	DETECTOR CHECK VALVE
	GAS PIPING (NEW)	DF	DRINKING FOUNTAIN
	GAS COCK	DN	DOWN
	GATE VALVE	DS	DOWN SPOUT
	GLOBE VALVE	DSP	DRY STAND PIPE
	HIGH PRESSURE GAS PIPING	(E)	EXISTING
	HOSE BIBB (E) 3/4" MIN.)	EC	ELECTRICAL CONTRACTOR
	LIQUID PETROLEUM GAS PIPING (EXISTING)	EL	ELEVATION
	LIQUID PETROLEUM GAS PIPING (NEW)	EPH	ELECTRIC WATER HEATER
	OXYGEN PIPING (EXISTING)	(F)	FIRE SPRINKLER PIPING
	OXYGEN PIPING (NEW)	FC	FLEX CONNECTOR
	PETES PLUG	FCO	FLOOR CLEANOUT
	PIPE (ABOVE THE CEILING)	FD	FLOOR DRAIN
	PIPE HANGER	FL	FIRE LINE
	PIPE TURNING UP (RISE)	FM	FORCE MAIN
	PIPE TURNING DOWN (DROP)	FS	FLOOR SINK
	PIPE TEE DOWN	FSC	FIRE SPRINKLER CONTRACTOR
	PRESSURE REDUCING VALVE	GC	GENERAL CONTRACTOR
	T & PRV RELIEF VALVE	GCO	GROUND CLEANOUT
	POINT OF CONNECTION TO EXISTING	GW	GREASE WASTE
	RAIN WATER LEADER (EXISTING)	HB	HOSE BIBB
	RAIN WATER LEADER	HPG	HIGH PRESSURE GAS
	REDUCER	DHWS	HOT WATER SUPPLY
	ROOF DRAIN	IE:	INVERT ELEVATION
	STORM DRAIN (EXISTING)	LAV	LAVATORY
	STORM DRAIN (NEW)	LPG	LOW PRESSURE GAS
	STRAINER	MC	MECHANICAL CONTRACTOR
	SUB-SOIL PIPING	MS	MOP SINK
	UNION	NPW	NON POTABLE WATER
	VACUUM PIPING (EXISTING)	(N)	NEW
	VACUUM PIPING (NEW)	OFD	OVERFLOW DRAIN
	VENT PIPING (EXISTING)	O2	OXYGEN
	VENT PIPING (NEW)	PC	PLUMBING CONTRACTOR
	ACID VENT	PIV	POST INDICATION VALVE
	WASTE PIPING (EXISTING)	POC	POINT OF CONNECTION
	(N) WASTE PIPING (ABOVE FLOOR)	POD	POINT OF DEMOLITION
	WASTE PIPING - UNDERGROUND (NEW)	PP	PETES PLUG
	GREASE WASTE (EXISTING)	PRV	PRESSURE REDUCING VALVE
	GREASE WASTE (NEW)	PVC	POLYVINYL CHLORIDE PIPE
	WET STANDPIPE (EXISTING)	RD	ROOF DRAIN
	WET STANDPIPE (NEW)	RPBFP	BACKFLOW PREVENTOR REDUCED PRESSURE
	WATER HAMMER ARRESTOR (WHA)	RWL	RAIN WATER LEADER
	TRAP PRIMER (TP)	RTU	ROOF TOP UNIT
	TO BE REMOVED	SD	STORM DRAIN
		SDCW	SOFT DOMESTIC COLD WATER
		SDHW	SOFT DOMESTIC HOT WATER
		SK	SINK
		SOV	SHUTOFF VALVE
		SS	SANITARY SEWER
		TP	TRAP PRIMER
		UR	URINAL
		V	VENT
		VB	VALVE BOX
		VAC	VACUUM
		VIF	VERIFY IN FIELD
		VTR	VENT THRU ROOF
		W	WASTE
		WC	WATER CLOSET
		WCO	WALL CLEANOUT
		WH	WATER HEATER
		WHA	WATER HAMMER ARRESTOR
		WM	WATER METER

**WATER FIXTURE UNIT CALCULATION (SFU) - NEW**

QTY.	DESCRIPTION	FU/FIXTURE	DCW FU	DHW FU	REMARKS
3	WATER CLOSET (FV)	*	90	-	SEE CPC TABLE 610.10
3	LAVATORY	1	3	3	
3	HOSE BIBB	2.5/1.0	4.5	0	SEE CPC TABLE 610.3
2	SHOWER	2	4	4	
2	KITCHEN SINK	1.5	3	3	
1	LAUNDRY SINK	1.5	1.5	1.5	
1	DISHWASHER	1.5	1.5	1.5	
1	SERVICE SINK	3	3	3	
2	DRINKING FOUNTAIN	0.5	1	-	
2	CLOTHES WASHER	4	8	8	
3	REFRIGERATOR	0.5	1.5	-	
1	EYEWASH	*	*	*	
1	ICE MAKER	0.5	0.5	-	
TOTAL:			121.5	24	
DEMAND IN GPM:			73	38	

**WASTE FIXTURE UNIT CALCULATIONS (DFU)**

QTY.	DESCRIPTION	DFU/FIXTURE	TOTAL DFU	REMARKS
3	WATER CLOSET (FV)	4	12	
3	LAVATORY	1	3	
2	SHOWER	2	4	
2	KITCHEN SINK	2	4	
1	LAUNDRY SINK	2	2	
1	DISHWASHER	2	2	
2	DRINKING FOUNTAIN	0.5	1	
0	HOSE BIBB	1.5	0	
2	CLOTHES WASHER	3	6	
5	FLOOR DRAIN	2	10	
2	FLOOR SINK	2	4	
1	ICE MAKER	0.5	0.5	
TOTAL:			57.5	

**WATER PIPING SIZING CALCULATION**

METER ADDRESS:

MINIMUM SUPPLY PRESSURE: 80 PSI

MAXIMUM FLOW RATE BASED ON FIXTURE UNITS: 73 GPM

LENGTH OF PIPE FROM METER TO FARTHEST FIXTURE: 125 FT

**WATER PRESSURE CALCULATION:**

AVAILABLE PRESSURE:	80 PSI
RESIDUAL PRESSURE:	25 PSI
ELEVATION CHANGE:	25 FT 11 PSI
METER LOSS:	10 PSI
BACKFLOW PREVENTOR LOSS:	10 PSI
PRV LOSS:	0 PSI
MAXIMUM AVAILABLE FRICTION LOSS:	24 PSI
(MAX FRICTION) x 100 / (TOTAL LENGTH) =	19.31 PSI/100FT
(E) WATER SERVICE SIZE:	2"
SELECTED PIPE SIZE SUPPORTS UP TO:	95 GPM

NOTE:  
 THE ABOVE DOES NOT INCLUDE FIRE PROTECTION OR LANDSCAPE.  
 THE ABOVE CALCULATION BASED ON 2019 CPC APPENDIX A.

**NATURAL GAS CALCULATIONS**

MARK	DESCRIPTION	CFH DEMAND	DISTANCE FROM METER	BRANCH PIPE SIZE
WH-1	WATER HEATER	150000	55'	3/4"
GR-1	GRILLE	40000	60'	3/4"
IR-1	INFRARED HEATER	35000	80'	1/2"
IR-2	INFRARED HEATER	35000	70'	1/2"
IR-3	INFRARED HEATER	35000	65'	1/2"
IR-4	INFRARED HEATER	35000	60'	1/2"
IR-5	INFRARED HEATER	35000	50'	1/2"
IR-6	INFRARED HEATER	35000	25'	1/2"
TOTAL GAS DEMAND:		400000		
MAX. PIPING LENGTH:		80'		
GAS SERVICE SIZE TO BUILDING:			1-1/2"	

**PLUMBING FIXTURE COUNTS CALCULATIONS**

OCCUPANCY GROUP	OCC. LOAD	MALE	FEMALE	WATER CLOSETS				URINALS		LAVATORIES				SHOWERS	DRINKING FOUNTAINS	SERVICE/LAUNDRY SINK	
				MALE		FEMALE		MALE		FEMALE							
				1:1-100	0.04	1:1-100	0.04			1:1-200	0.02	1:1-200	0.02				
S-2	8	4	4					-	-	1:1-200	0.02	1:1-200	0.02	-	1:1-250	1	
B	8	4	4	1:1-50	0.08	1:1-15	0.27	1:1-100	0.04	1:1-75	0.05	1:1-50	0.08	-	1 PER 150	1	
R-2 (DORM)	6	3	3	1 PER 10	0.30	1 PER 8	0.38	1 PER 25	0.12	1 PER 12	0.25	1 PER 12	0.25	1 PER 8	1 PER 50	1	
R-2 (EMPLOYEE USE)	11	6	6	1:1-15	0.40	1:1-15	0.40	-	-	1 PER 40	0.15	1 PER 40	0.15	-	-	1	
<b>REQUIRED FIXTURE COUNTS</b>				0.82		1.08		0.16		0.47		0.50		1		1	
<b>REQUIRED FIXTURE COUNTS</b>				2				1		1		1		1		1	
<b>PROVIDED FIXTURE COUNTS</b>				3WC						3		2		2		2	

NOTES:  
 1. SINGLE-USE TOILET FACILITIES SHALL BE PERMITTED FOR USE BY BOTH SEXES, PER CPC 2019 422.2 (1) AND (3).  
 2. NO URINALS ARE PROVIDED AS TOILET FACILITIES ARE FOR SINGLE USE ONLY. ADDITIONAL WATER CLOSET IS PROVIDED.

NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
8	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 PLUMBING TITLE SHEET

PLUMBING FIXTURE/EQUIPMENT CONNECTION SCHEDULE															
CODE	DESCRIPTION	MANUFACTURER	MODEL	ACCESSIBLE	MOUNTING TYPE			GOOSENECK SPOUT	MIN. ROUGH-IN CONN (IN)					LOCATION	REMARKS
					FLOOR	COUNTER TOP	WALL		W	V	CW	HW	NPW		
WC-1	WATER CLOSET	TOTO	CT705ULN(G)	ADA	*	-	-	-	4	2	1	-	-	RESTROOM, BATH 2	1.28 GPF. FLUSH VALVE
WC-2	WATER CLOSET	TOTO	CT705ULN(G)	-	*	-	-	-	4	2	1	-	-	BATH 1	1.28 GPF. FLUSH VALVE
SH-1	SHOWER	TOTO	TS362P	ADA	-	-	*	-	-	-	1/2	1/2	-	BATH 2	1.5 GPM. PRESSURE-BALANCING MIXING VALVE WITH INTEGRAL HANDLE, VOLUME CONTROL, INTEGRAL STOPS, 1.5 GPM FLOW RATE RESTRICTOR, OPTIONAL EF-100 WAND, TOTO TBW01020U2 HAND-HELD SHOWER WITH IN-LINE VACUUM BREAKER, TS101W60 60" METAL BRAIDED HOSE, WALL CONNECTION AND TS100GR 30" SLIDE BAR. PROVIDE CHROME DRAIN, TOTO TBV01103U 2-WAY DIVERTER, TOTO TBW01013U4 FIXED SHOWER HEAD LOCATED NOT FACING SHOWER ENTRANCE. SEE ARCH.
SH-2	SHOWER	TOTO	TS362P	-	-	-	*	-	-	-	1/2	1/2	-	BATH 1	1.5 GPM. PRESSURE-BALANCING MIXING VALVE WITH INTEGRAL HANDLE, VOLUME CONTROL, INTEGRAL STOPS, 1.5 GPM FLOW RATE RESTRICTOR, OPTIONAL EF-100 WAND, HAND-HELD SHOWER TOTO TBW01020U2 WITH IN-LINE VACUUM BREAKER, TS101W60 60" METAL BRAIDED HOSE, WALL CONNECTION AND TS100GR 30" SLIDE BAR. PROVIDE CHROME DRAIN.
L-1	LAVATORY	CATALANO	180SVP00	ADA	-	-	*	-	2	11/2	1/2	1/2	-	RESTROOM, BATH 2	0.35 GPM. TOTO TL363SDA03 FAUCET, SINGLE HANDLE, SINGLE HOLE INSTALLATION, GRID DRAIN ASSEMBLY, CARRIER SUPPORT.
L-2	LAVATORY	CATALANO	180SVP00	-	-	-	*	-	2	11/2	1/2	1/2	-	BATH 1	0.35 GPM. TOTO TL363SDA03 FAUCET, SINGLE HANDLE, SINGLE HOLE INSTALLATION, GRID DRAIN ASSEMBLY, CARRIER SUPPORT.
SK-1	KITCHEN SINK	BLANCO	QUATRUS MEDIUM SINGLE	ADA	-	*	-	*	2	11/2	1/2	1/2	-	KITCHEN	1.5 GPM. 32"x18", ADA COMPLIANT 25"x18", 5-1/2" DEEP SINK W/ JUST JPR-701-N SS FAUCET, LK-35LSTRAINER PROVIDE VALVE AND SUPPLY TUBING FOR COFFEE MAKER.
SK-2	KITCHEN SINK	BLANCO	QUATRUS MEDIUM SINGLE	-	-	*	-	*	2	11/2	1/2	1/2	-	KITCHEN	1.5 GPM. 32"x18", 9" DEEP SINK W/ JUST JPR-701-N SS, LK-35L STRAINER PROVIDE INSINKERATOR, BADGER 5XP 3/4HP GARBAGE DISPOSAL.
SK-3	LAUNDRY SINK	ELKAY	SEHS-17X	-	-	-	*	*	2	11/2	1/2	1/2	-	LAUNDRY	1.5 GPM
SK-4	SERVICE SINK	JUST	SB-230-24R	-	*	-	*	*	2	11/2	1/2	1/2	-	DECON	1.0 GPM. CHICAGO FAUCETS: 510-G613L12XKCB, PRE-RINSE FITTING W/ 8" ADJUSTABLE CENTERS. CHICAGO FAUCETS: 625-ABCP FOOT OPERATED REMOTE VALVE.
CW-1	CLOTHES WASHER	GE	GFW550	ADA	*	-	-	-	2	11/2	1/2	1/2	-	LAUNDRY	PROVIDE WITH WHA
CW-2	EXTRACTOR	MILNOR	T SERIES 30015T6X	-	*	-	-	-	3	2	3/4	3/4	-	ASSEMBLY BAY	PROVIDE WITH WHA
DW-1	DISHWASHER	GE	GDT225	ADA	*	-	-	-	2	-	-	1/2	-	KITCHEN	SEE DETAIL 5/ P601
RF-1	REFRIGERATOR	GE	GFE28	ADA	*	-	-	-	-	-	1/2	-	-	KITCHEN	
RF-2	REFRIGERATOR	GE	GNE29	-	*	-	-	-	-	-	1/2	-	-	KITCHEN	
IM-1	ICE MAKER	KITCHENAID	KUID508H	-	*	-	-	-	3/4	-	1/2	-	-	KITCHEN	DRAIN WASTE TO FLOOR SINK IN ASSEMBLY BAY WITH 1" AIR GAP.
FD-1	FLOOR DRAIN	WATTS	FD-100-A5-7	-	*	-	-	-	2	1 1/2	-	-	1/2	MULTIPLE	EPOXY COATED, CAST IRON BODY, REVERSIBLE, FLASHING CLAMP WITH PRIMARY AND SECONDARY WEEPHOLES, NO HUB OUTLET. WATTS -A5 ADJUSTABLE ROUND STRAINER, 5" (127 MM) DIAMETER NICKEL BRONZE. TRAP PRIMER CONNECTION.
FS-1	FLOOR SINK	ZURN	Z1900	-	*	-	-	-	2	1 1/2	-	-	1/2	MULTIPLE	SANI-FLOOR RECEPTOR. 12X12X6 DEEP CAST IRON BODY AND SQUARE. LIGHT DUTY 3/4 GRATE W/ 1/2"SLOTTED OPENINGS. WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP. COMPLETE W/ ABS ANTI-SPLASH INTERIOR BOTTOM DOWM STRAINER. NO HUB CONNECTION. TRAP PRIMER CONNECTION.
EW-1	EYEWASH	GUARDIAN	G1849	-	-	*	-	-	-	-	1/2	1/2	-	ASSEMBLY BAY	MOUNT ON SK-4. PROVIDE WITH TEMPERATURE MIXING VALVE.
HB-1	HOSE BIBB	NIBCO	QT54X	-	-	-	*	-	-	-	3/4	-	-	EXTERIOR	VACUUM BREAKER
DF-1	DRINKING FOUNTAIN	ELKAY	EZH20 LZSTLDDWSSKLZWSR	-	-	-	*	-	2	11/2	1/2	-	-	LOBBY	0.5 GPM. WALL MOUNTED BARRIER FREE, 14 GAUGE TYPE 304 STAINLESS STEEL DRINKING FOUNTAIN WITH BOTTLE FILLER
RD-1	ROOF DRAIN	JAY R SMITH	DX1010	-	*	-	-	-	3	-	-	-	-	ROOF	
RD-2/OFD-1	ROOF DRAIN/ OVERFLOW DRAIN	JAY R SMITH	1850	-	*	-	-	-	3	-	-	-	-	ROOF	COMBINATION ROOF AND OVERFLOW DRAIN
TP-1	TRAP PRIMER	MIFAB	M-500 W/ DISTRIBUTION UNIT MI-DU	-	-	-	-	-	-	-	-	-	-	MULTIPLE	
SOI-1	SAND & OIL INTERCEPTOR	STRIEM	OS-100	-	-	-	-	-	4	3	-	-	-	DRIVEWAY	BURIED, CONNECT TO SANITARY SEWER.
TD-1	TRENCH DRAIN	ZURN	Z886 TRENCH NO. 8601, 8602, 8603	-	*	-	-	-	4	-	-	-	-	ASSEMBLY BAY	SEE STRUCTURAL DETAIL.

PIPE MATERIAL SCHEDULE						
SYSTEM	LOCATION	SIZE	PIPE	FITTINGS	JOINTS	TEST
SANITARY WASTE	ABOVE GROUND	3" & LARGER	SERVICE WT. CAST IRON	SERVICE WT. CAST IRON	HUSKY #4000 NO-HUB SS FITING	1
	ABOVE GROUND	2-1/2" & SMALLER	STD WT. GALV. STEEL	SERVICE WT. CAST IRON	HUSKY #4000 NO-HUB SS FITING	1
SANITARY VENT	ABOVE GROUND	3" & LARGER	SERVICE WT. CAST IRON	SERVICE WT. CAST IRON	HUSKY #4000 NO-HUB SS FITING	WATER TO ROOF
	ABOVE GROUND	2-1/2" & SMALLER	STD WT. CAST IRON	SERVICE WT. CAST IRON	HUSKY #4000 NO-HUB SS FITING	WATER TO ROOF
DOMESTIC COLD WATER	ALL	4" & LARGER	TYPE "L" COPPER HARD	CAST SOLDER	95-5 SOLDER	150 PSI WATER
	ALL	3" & SMALLER	TYPE "L" COPPER HARD	WROT SOLDER	95-5 SOLDER	
DOMESTIC HOT WATER & DOMESTIC HOT WATER RETURN	ABOVE GROUND	ALL	TYPE "L" COPPER HARD	WROT SOLDER	95-5 SOLDER	2
NATURAL FUEL GAS	ALL	2-1/2" & LARGER	STD. WT. BLACK STEEL	FORGED SEAMLESS WELD	WELDED	PER CODE
	ALL	2" & SMALLER	STD. WT. BLACK STEEL	150 LB. BLACK MALLEABLE	SCREWED	PER CODE

- NOTES:
- 10' HEAD OF WATER COLUMN ABOVE LOWEST NEW CONNECTION WITH NO LOSS OF WATER FOR TWO HOURS.
  - 200 PSI WATER PRESSURE FOR TWO HOURS.

WATER HEATER SCHEDULE													
CODE	LOCATION	SERVICE	GAS MBH INPUT	TANK CAPACITY	GPH @ 100 F RISE	ELECTRICAL			WEIGHT (LBS)	HEIGHT (IN)	PART NO.	MFG.	REMARKS
						AMP	VOLT	PH					
WH-1	STORAGE	DHW	150	100 GAL	178	5	120	1	523	77	BTH-150(A)	AOSMITH	1., 2.

- REMARKS:
- 1357 LBS WATER FILLED, 95% THERMAL EFFICIENCY, CONVENTIONAL POWER VENTING (SEE DETAIL 9/P601).
  - PROVIDE CONDENSATE NEUTRALIZATION KIT - P/N 100289339. CONNECT WH-1 TO NEUTRALIZER W/ PVC PIPE.

PUMP SCHEDULE																
CODE	LOCATION	SERVICE	GPM	FT. HD.	CONN. SIZE	PUMP RPM	MIN % EFF	MOTOR DATA					WT LBS	P/N	MFG.	REMARKS
								WATT	RPM	VOLT	PH	HZ				
CP-1	ADJACENT TO WATER HEATER	DHWR	1.4	3	1/2"	-	-	44	3725	120	1	60	2	006E3	TACO	1., 2.

- NOTES:
- COMPOSITE MATERIAL. PROVIDE DIELECTRIC CONNECTIONS IF CONNECTED TO DISSIMILAR METAL.
  - SECURE WITH STEEL STRUTS AND CLAMPS.

AUTOMATIC GAS SHUT-OFF VALVE SCHEDULE							
CODE	LOCATION	SERVICE	ELECTRICAL		EQUIPMENT	MFG.	REMARKS
			VOLT	AMP			
SOV-1	KITCHEN	GRILL			GAS VALVE ASSEMBLY	ISIMET	1.
FLA-1	KITCHEN (NEXT TO OVEN/RANGE)	GRILLE SOV	120	5	FLAV2	ISIMET	1.
OGC-1	NEXT TO GRILL CONNECTION	GRILL SOV			OUTDOOR GRILL CONTROLLER	ISIMET	1.

- NOTES:
- CONNECT SYSTEM PER MANUFACTURER'S INSTRUCTIONS. CONNECT SYSTEM TO FIRE ALARM SYSTEM.

INSULATION SCHEDULE										
SYSTEM TYPE	FLUID TEMP RANGE (°F)	PIPE SIZE					INSULATION TYPE	COVER ON JACKET TYPE	FITTING INSULATION TYPE	FITTING JACKET TYPE
		<1"	1 1/4"-2"	2 1/2"-4"	5"-6"	>6"				
		INSULATION THICKNESS								
HEATING HOT WATER DOMESTIC	105-140	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1	1	2	4
DOMESTIC COLD WATER	N/A	1/2"	1/2"	1/2"	1"	1"	1 OR 6	1	2 OR 6	4
REFRIGERANT SUCTION	N/A	1/2"					3	5	3	3
EXTERNAL DUCT WRAP	N/A	1 1/2"					2	N/A	N/A	N/A

- NOTES:
- GLASS FIBER WITH PREFORMED PIPE INSULATION WITH STANDARD JACKET.
  - GLASS FIBER BLANKET INSULATION WITH VAPOR BARRIER R4.2 MIN.
  - FLEXIBLE ELASTOMETRIC CELLULAR INSULATION (I.E "ARMSTRONG ARNAFLEX")
  - CELLULAR GLASS FORMED PIPE INSULATION.
  - ALUMINUM JACKET.
  - POLYETHYLENE POLYPROPYLENE.
- NOTES:
- ON BRANCH LINES 10' LONG & CONN. DIRECTLY TO FIXTURE OR TERMINAL UNIT USE 1/2" INSULATION.
  - DOMESTIC COLD WATER SHALL NOT BE INSULATED IF AMBIENT TEMPERATURE IS BELOW DEW POINT.
  - FOR DOMESTIC HOT WATER 105°F-140°F, AND CHILLED WATER PIPING ON CONDITIONED SPACE 3" AND SMALLER AND IN A SPACE, USE TYPE 3 INSULATION.

EXPANSION TANK SCHEDULE				
SYMBOL	DESCRIPTION	CAPACITY (GAL)	MAKE & MODEL	REMARKS
ET-1	EXPANSION TANK	4.7	AMTROL ST-447-C	1,2

- NOTE:
- DO NOT PUT SHUT-OFF VALVE BETWEEN WATER INLET AND EXPANSION TANK.
  - PROVIDE AND INSTALL UNION ON INLET TO ET-1.

SAND OIL INTERCEPTOR SCHEDULE										
CODE	LOCATION	FLOW RATE GPM	DIMENSION	ELECTRICAL		WT LBS	P/N	MFG.	REMARKS	
				VOLT	PH					
SOI-1	ASSEMBLY BAY APRON	100	68"L x 33"W x 52"H	120	1	60	230	OS-100-SS	STRIEM	1.

- NOTES:
- PROVIDE W/ TRAFFIC RATED ACCESS PANEL COVER.

**List Engineering**  
 Mechanical Consultants  
 2 Harris Court Suite A7, Monterey, CA 93940  
 Telephone (831) 373-4390 / Facsimile (831) 373-6522  
 www.listengineering.com © LEC 2021  
 Job No. 21025.00

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

- PROJECT TEAM
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE.  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
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NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 PLUMBING SCHEDULES

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBERS  
 BICA22-004407  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
 REVIEWED  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

**P002**

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION
NRC-PLB-E
CERTIFICATE OF COMPLIANCE
This document is used to demonstrate compliance for nonresidential occupancies with requirements in §110.1, §110.3, §120.3, and §140.5, and with requirements in §141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in §110.1, §110.3, §120.3, §150.0 and §150.1(c), and with requirements §150.2 for additions.
Project Name: Kensington Public Safety Building Report Page: (Page 1 of 4)
Project Address: 217 Arlington Ave Date Prepared: 3/9/2022
A. GENERAL INFORMATION
01 Project Location (city): Kensington 02 Climate Zone: 3
Occupancy Types Within Project (select all that apply):
[X] Nonresidential [ ] High-Rise Residential [ ] Hotel/Motel
[ ] State Building [ ] Healthcare Facility [ ] Other (Write In)
B. PROJECT SCOPE
This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in §140.5, §150.1(c), and §141.0(a), or §141.0(b)(2) for additions or alterations. Solar water heating systems are documented on the NRCC-SRA compliance document. Combined hydronic water heating systems are documented on the NRCC-MCH compliance document.
01 02 03
My project consists of (check all that apply):
[ ] New system (DHW system being installed for the first time in newly constructed building) [ ] Equipment [ ] Distribution [ ] Controls
[ ] System Alteration (equipment, distribution or controls) [ ] Equipment [ ] Distribution [ ] Controls
FOOTNOTES: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.
\* Dwelling units refers to hotel/motel guest rooms and units in a high-rise residential occupancy.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Registration Date/Time: Report Version: 2019.1.003 Registration Provider: Energysoft Schema Version: rev 20190401 Report Generated: 2022-03-09 14:15:23

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION
NRC-PLB-E
CERTIFICATE OF COMPLIANCE
Project Name: Kensington Public Safety Building Report Page: (Page 2 of 4)
Project Address: 217 Arlington Ave Date Prepared: 3/9/2022
C. COMPLIANCE RESULTS
Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, or the table indicated as not compliant for guidance.
01 02 03 04
Domestic Hot Water Equipment Distribution Systems Controls
Table F Table G Table H Compliance Results
Yes COMPLIES
D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.
F. DOMESTIC HOT WATER EQUIPMENT
This section does not apply to this project.
G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM
This section does not apply to this project.
H. DOMESTIC HOT WATER CONTROLS
This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Registration Date/Time: Report Version: 2019.1.003 Registration Provider: Energysoft Schema Version: rev 20190401 Report Generated: 2022-03-09 14:15:23

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION
NRC-PLB-E
CERTIFICATE OF COMPLIANCE
Project Name: Kensington Public Safety Building Report Page: (Page 3 of 4)
Project Address: 217 Arlington Ave Date Prepared: 3/9/2022
I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019\_compliance\_documents/Nonresidential\_Documents/NRC/
Yes No Form/Title Field Inspector Pass Fail
● ● NRCI-PLB-01-E - Must be submitted for all buildings [ ] [ ]
● ● NRCI-PLB-02-E - Must be submitted for high-rise residential and hotel/motel central hot water distribution systems to be recognized for compliance. [ ] [ ]
● ● NRCI-PLB-03-E - Must be submitted for high-rise residential and hotel/motel single dwelling unit hot water distribution systems to be recognized for compliance. [ ] [ ]
J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no Certificates of Acceptance applicable to service water heating requirements.
K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be completed by a HERS Rater and provided to the building inspector during construction. The final documents must be created by a HERS Providers registry, but drafts can be found online at https://www.energy.ca.gov/title24/2019standards/2019\_compliance\_documents/Nonresidential\_Documents/NRC/
Yes No Form/Title Field Inspector Pass Fail
● ● NRCV-PLB-21-H High-rise Residential Central Hot Water Distribution HERS Verification [ ] [ ]
● ● NRCV-PLB-22-H High-rise Residential Individual Dwelling Unit Hot Water Distribution HERS Verification [ ] [ ]

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Registration Date/Time: Report Version: 2019.1.003 Registration Provider: Energysoft Schema Version: rev 20190401 Report Generated: 2022-03-09 14:15:23

STATE OF CALIFORNIA
Domestic Water Heating System
CALIFORNIA ENERGY COMMISSION
NRC-PLB-E
CERTIFICATE OF COMPLIANCE
Project Name: Kensington Public Safety Building Report Page: (Page 4 of 4)
Project Address: 217 Arlington Ave Date Prepared: 3/9/2022
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.
Documentation Author Name: Documentation Author Signature:
Company: List Engineering Company Signature Date: 2022-03-09
Address: CEA/HERS Certification Identification (if applicable):
City/State/Zip: Phone:
RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the building provides to the building owner at occupancy.
Responsible Designer Name: Ron Blue Responsible Designer Signature:
Company: List Engineering Company Date Signed: 2022-03-09
Address: 2 Harris Ct. Suite A7 License: M23440
City/State/Zip: Monterey, CA 93940 Phone: 831-373-4390

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Registration Date/Time: Report Version: 2019.1.003 Registration Provider: Energysoft Schema Version: rev 20190401 Report Generated: 2022-03-09 14:15:23

CONTRA COSTA COUNTY
BUILDING INSPECTION DIVISION
PERMIT NUMBER
BICA22-004407
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.
10:13 am, Aug 05, 2022
REVIEWED
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES. THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD RESPONSIBLE FOR AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.
By: ROSALINA ACUFF



PROJECT ADDRESS
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KENSINGTON, CA, 94707

PROJECT TEAM
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT
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KENSINGTON, CA 94707
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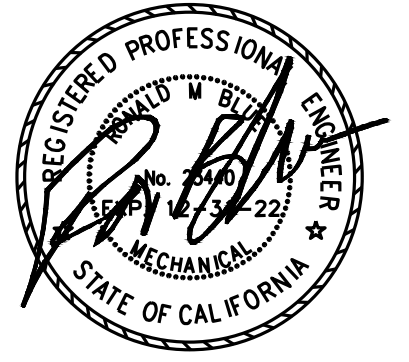
NO.	DESCRIPTION	DATE
1	ISSUED FOR BUILDING PERMIT	04-01-22
2	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION
TITLE 24 DOCUMENTS

P003

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PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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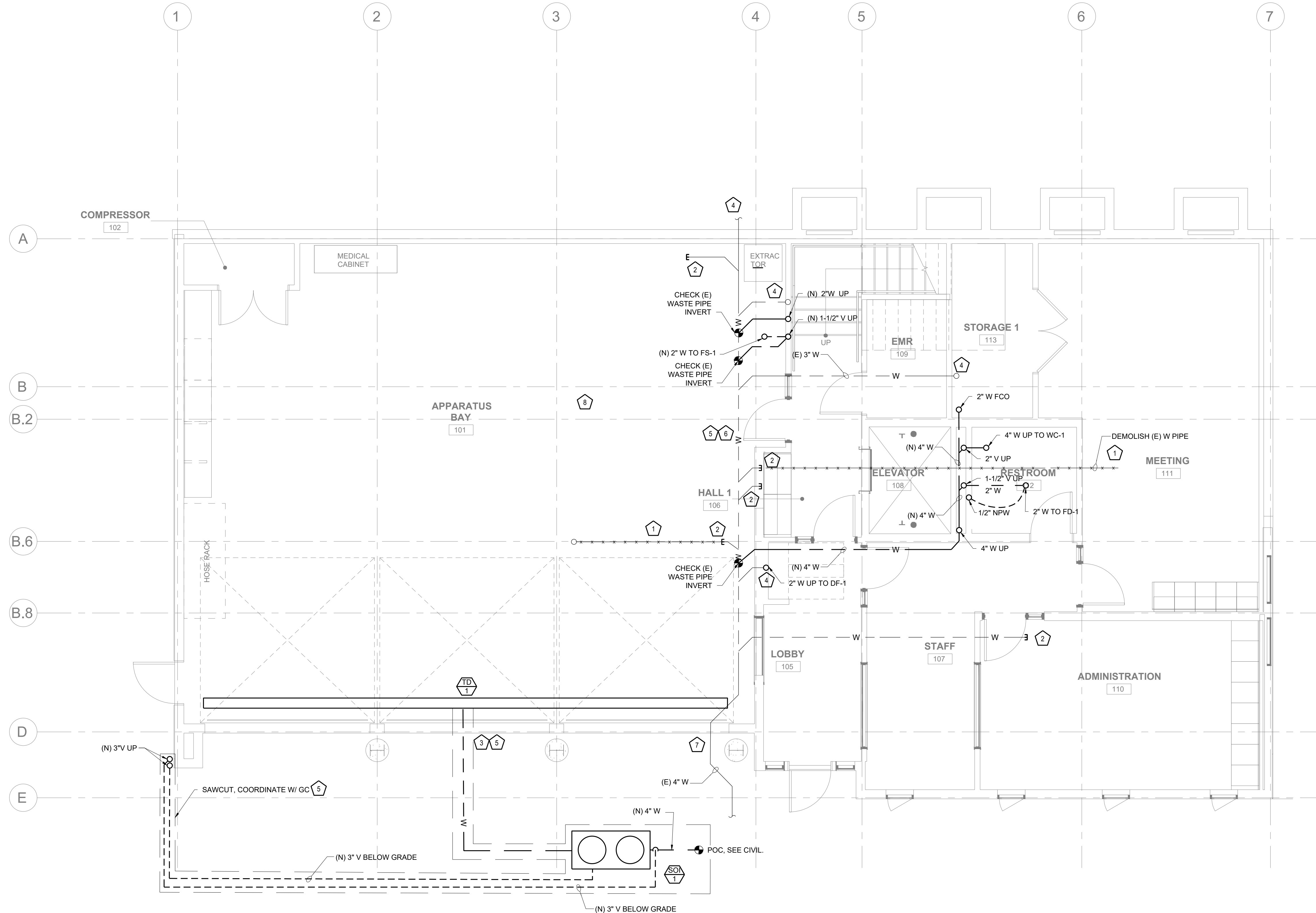
MEP: LIST ENGINEERING CO.  
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 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
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**SHEET NOTES**

1. CONTRACTOR TO VERIFY (E) WASTE BELOW FLOOR PRIOR TO DEMOLITION.
2. PROVIDE (N) CAP TO UNUSED PORTION OF PIPE.
3. PIPING TO GO UNDER STRUCTURAL FOOTING. SEE STRUCTURAL.
4. (E) PIPING TO REMAIN.
5. CONTRACTOR TO PROVIDE UNDERGROUND SURVEY OF PIPE ROUTE PRIOR TO SAWCUT AND EXCAVATION. RESTORE PAVEMENT TO MATCH ADJACENT.
6. PROTECT (E) PIPING TO REMAIN DURING FOUNDATION UPGRADE.
7. VIF (E) WASTE PIPE ROUTING. PROVIDE FCO PER CODE.
8. PROTECT (E) STORM WATER DRAINAGE SYSTEM DURING DEMOLITION. VIF LOCATION OF (E) SYSTEM.



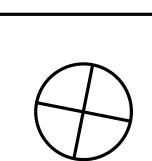
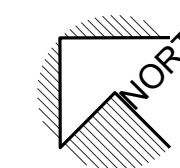
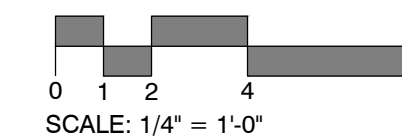
CONTRA COSTA COUNTY  
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 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO  
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**10:13 am, Aug 05, 2022**  
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NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

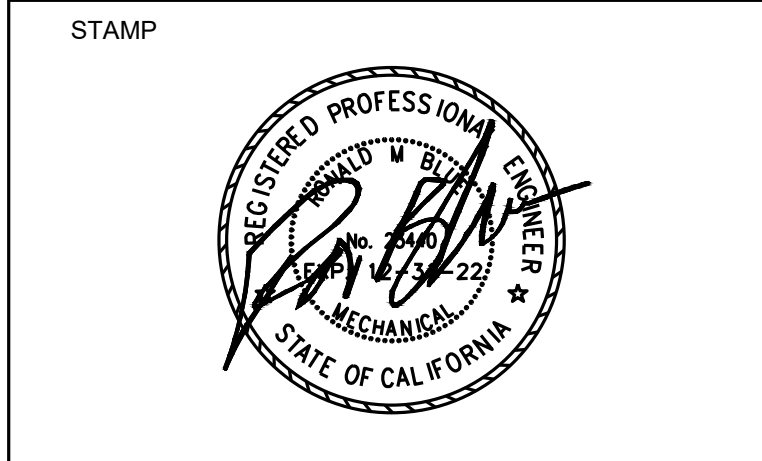
JOB NO.

DESCRIPTION  
 UNDERGROUND PLUMBING  
 PLAN

**1 UNDERGROUND PLUMBING PLAN**  
 P201 SCALE: 1/4"=1'-0"



**P201**

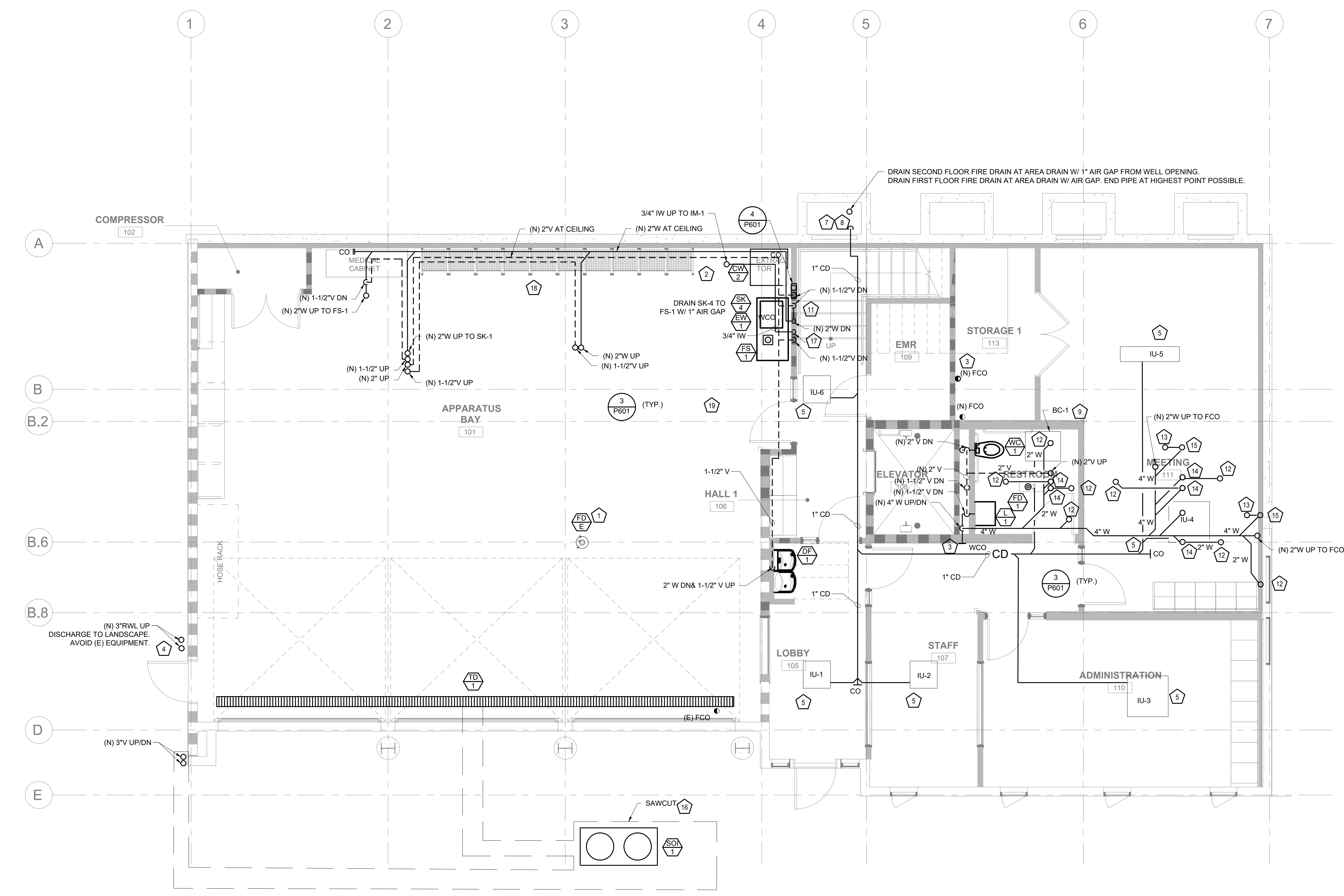


**PROJECT ADDRESS**  
 217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707

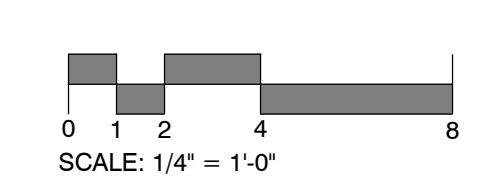
- PROJECT TEAM**
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064
  - ARCHITECT: MARJIANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600
  - STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869
  - CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200
  - GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544
  - MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390
  - AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140
  - ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

**⬠ SHEET NOTES**

1. REMOVE (E) FD COMPLETE.
2. REMOVE (E) FIXTURES AND PIPING COMPLETE ABOVE FLOOR.
3. PROVIDE (N) WCO.
4. PROVIDE SPLASH BLOCK.
5. PROVIDE CONDENSATE DRAIN. CONTRACTOR TO COORDINATE PIPE ROUTING WITH THE ARCHITECT. INSTALL CD PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
6. NOT USED.
7. TERMINATE 1" CD TO AREA DRAIN AND PROVIDE AIR GAP. END PIPE AT HIGHEST POINT POSSIBLE.
8. CLEAN UP WELL. EXAMINE CONDITION OF (E) AREA DRAIN REFURBISH IF NECESSARY. PROVIDE WATER DETECTION ALARM AT 1' ABOVE AREA DRAIN.
9. PROVIDE DRAIN PAN AND CONNECT 3/4" CD TO MAIN AND PROVIDE WATER DETECTION ALARM THAT SHUT-OFF UNIT WHEN ACTIVATED.
10. PIPING TO GO UNDER STRUCTURAL FOOTING. SEE STRUCTURAL.
11. CONNECT EXTRACTOR STANDPIPE WASTE TO (N) 2"W DN ALONGS WALL ABOVE GRADE. AVOID TRENCHING INTO (E) STRUCTURAL FOOTING.
12. (N) 2"W UP.
13. (N) 4"W UP.
14. (N) 1-1/2"V UP.
15. (N) 2"V UP.
16. CONTRACTOR TO SAWCUT AND REPAIR TO MATCH (E). COORDINATE WITH CIVIL AND ARCHITECT.
17. DRAIN 3/4" INDIRECT WASTE TO FS-1 WITH 1" AIR GAP.
18. RUN ALL PIPES AT BACK OF ASSEMBLY BAY INSIDE (N) WALL OR INSIDE (E) SOFFIT.
19. PROTECT (E) STORM WATER DRAINAGE SYSTEM DURING DEMOLITION. VIF LOCATION OF (E) SYSTEM.



**1 GROUND FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"

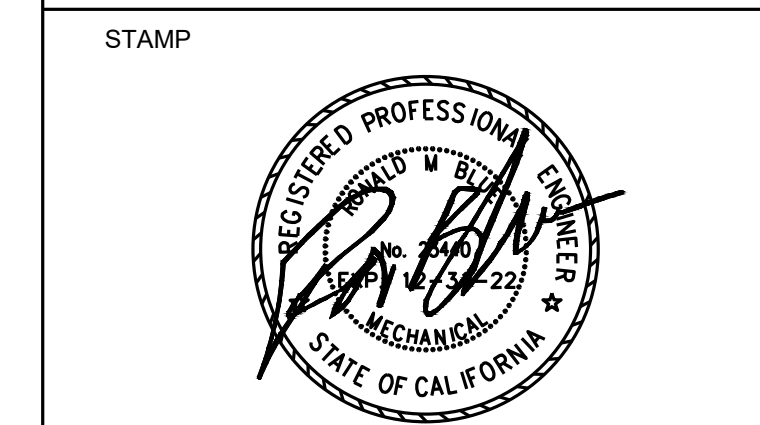


CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER:  
 BICA22-004407  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
 REVIEWED  
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 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
8	ISSUED FOR DRAINING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 PLUMBING WASTE, RWL & VENT  
 GROUND FLOOR PLAN



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

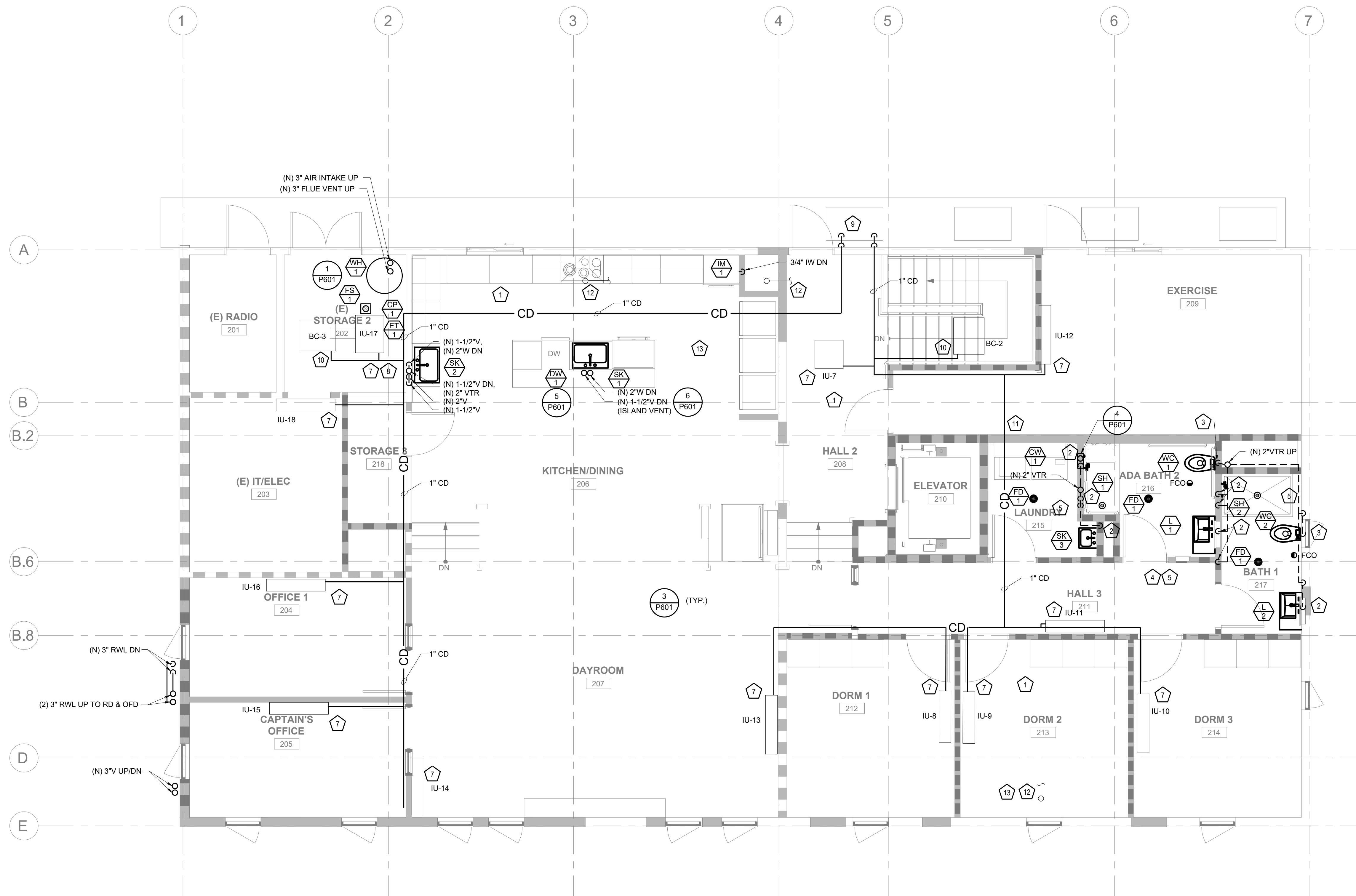
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

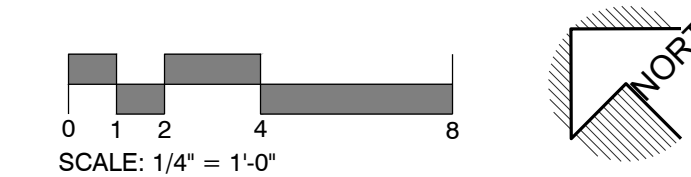
ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

**SHEET NOTES**

- REMOVE (E) FIXTURES AND PIPING COMPLETE.
- (N) 2"W DN, (N) 1-1/2"V DN.
- (N) 4"W DN, (N) 2"V UP.
- ALL WASTE PIPES SERVING BATH 1, BATH 2 AND LAUNDRY RUN IN RAISED FLOOR SPACE.
- CONNECT VENT PIPING AT CEILING.
- NOT USED.
- PROVIDE CONDENSATE DRAIN. CONTRACTOR TO COORDINATE PIPE ROUTING WITH THE ARCHITECT. INSTALL CD PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
- PROVIDE SECONDARY DRAIN PAN AND WATER DETECTION ALARM THAT SHUT-OFF THE UNIT WHEN ACTIVATED.
- TERMINATE 1" CD TO AREA DRAIN WITH MIN. 1" AIR GAP FROM WELL OPENING.
- PROVIDE DRAIN PAN AND CONNECT 3/4" CD TO MAIN AND PROVIDE WATER DETECTION ALARM THAT SHUT-OFF UNIT WHEN ACTIVATED.
- PENETRATE SHEAR WALL WITHIN THE 12" WIDE PENETRATION WITH REFRIGERANT PIPING.
- VIF LOCATION OF (E) STORMWATER PIPING INSIDE BUILDING. IF (E) PIPE PENETRATE SHEAR WALL/ JOIST/ CONFLICTS W/ (N) MECH EQUIPMENT, REROUTE PIPE TO RUN INSIDE NON-SHEAR WALL, AND RECONNECT TO (E) SYSTEM AT LOCATIONS DOWNSTREAM OF ORIGINAL CONNECTION POINT. COOR. W/ STRUCTURAL FOR SHEAR WALL AND JOIST LOCATIONS.
- PROTECT (E) STORM WATER DRAINAGE SYSTEM DURING DEMOLITION. VIF LOCATION OF (E) SYSTEM.



**1 SECOND FLOOR PLAN**  
 P203 SCALE: 1/4" = 1'-0"



CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
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FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES. THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PERMIT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 PLUMBING WASTE, RWL & VENT  
 SECOND FLOOR PLAN



**SHEET NOTES**

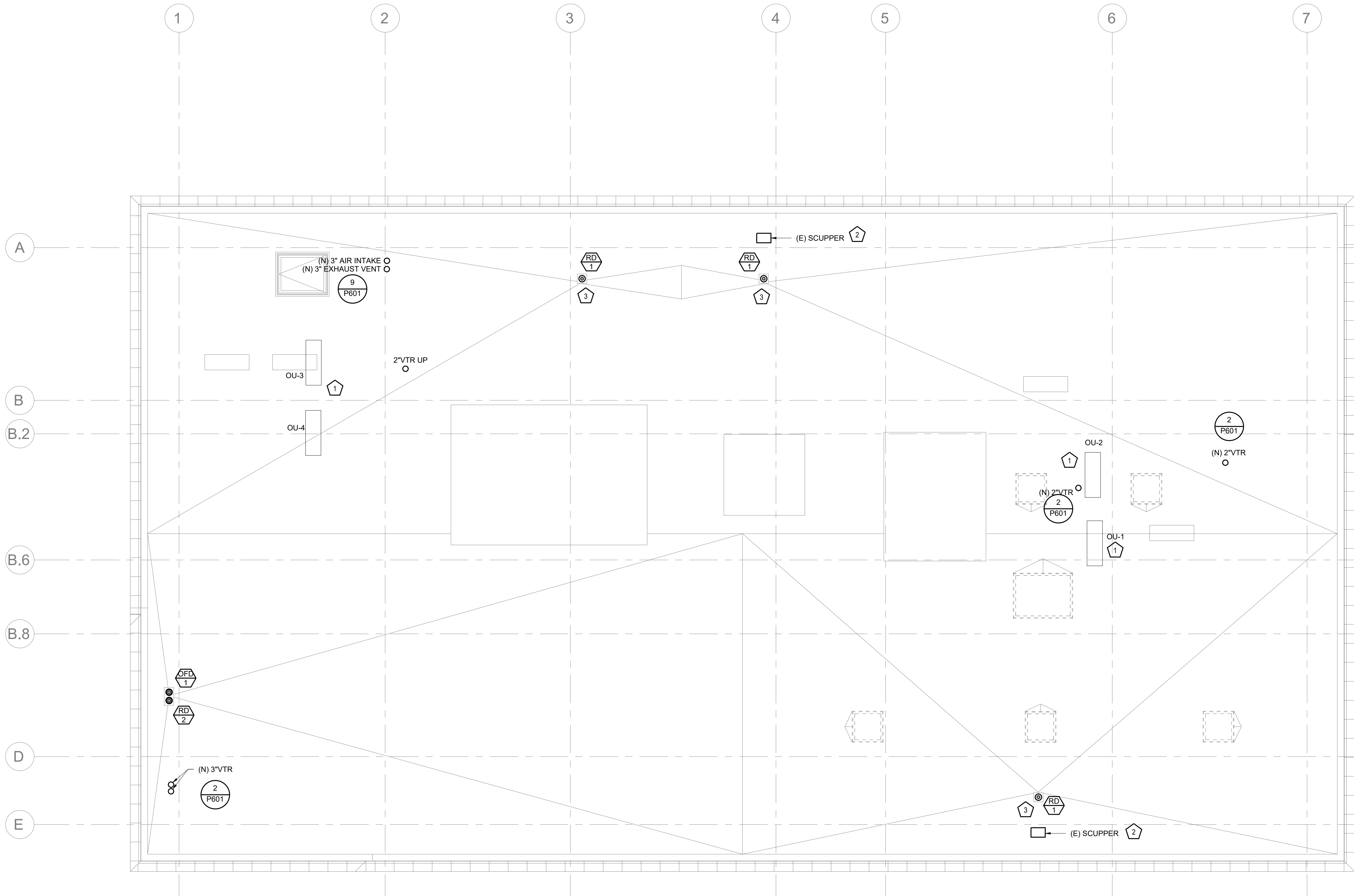
- DISCHARGE CONDENSATE ON ROOF AT SAFE LOCATIONS. ROOF SURFACE SLOPED FOR CONDENSATE TO DRAIN TO ROOF DRAINS.
- PROTECT AND PRESERVE (E) SCUPPERS.
- INSTALL (N) RD-1 AT (E) ROOF DRAIN LOCATIONS. VIF EXACT LOCATIONS. RELOCATE ROOF DRAIN SLIGHTLY IF CONFLICTS W/ (N) MECH EQUIPMENT.
- TOTAL ROOF AREA: 3870 SQFT  
RAINFALL RATE: 1.5 IN/HR  
  
3/4 ROOF AREA DRAINS TO RD-1 AND (E) RWL INSIDE BUILDING.  
3/4 ROOF AREA: 2903 SQFT  
(E) ROOF AREA: 3320 SQFT  
  
1/4 ROOF AREA DRAINS TO RD-2 AND (N) 3" RWL.  
1/4 ROOF AREA: 968 SQFT

**List Engineering**  
Mechanical Consultants  
2 Harris Court Suite A7, Monterey, CA 93940  
Telephone (831) 373-4390 / Facsimile (831) 373-6522  
www.listengineering.com © LEC 2021  
Job No. 21025.00



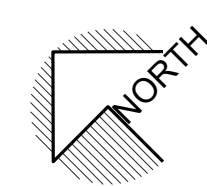
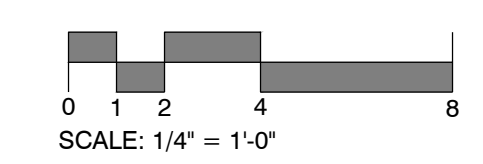
PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA, 94707**

PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064  
  
ARCHITECT: MARJIANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600  
  
STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANTZ  
T: (650) 394-8869  
  
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200  
  
GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544  
  
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390  
  
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140  
  
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE. #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626



CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER:  
**BICA22-004407**  
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By: **ROSALINA ACUFF**

**1 ROOF PLAN**  
P204 SCALE: 1/4" = 1'-0"



NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

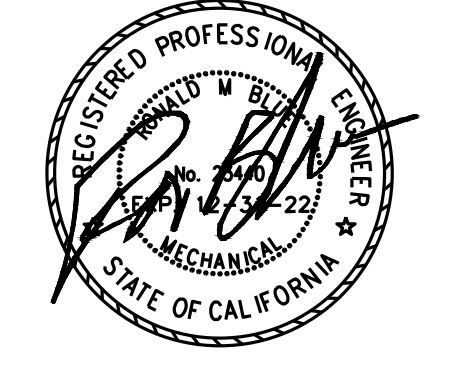
DESCRIPTION  
PLUMBING WASTE & VENT  
ROOF PLAN

**P204**

**SHEET NOTES**

1. REMOVE (E) FIXTURES AND PIPING COMPLETE ABOVE FLOOR.
2. ALL PIPING AT CEILING.
3. POC TO (E) GAS METER. PROVIDE (N) 1-1/2" GAS WITH SEISMIC VALVE AND FLEXIBLE CONNECTION. CONTRACTOR TO COORDINATE WITH PG&E.
4. CONNECT 1/2" GAS TO IR. PROVIDE SOV. FLEX CONNECTION AND DIRT TRAP.
5. (N) 1/2" DCW UP, (N) 1/2" DHW UP
6. (N) 1" DCW UP.
7. RUN ALL PIPES AT BACK OF ASSEMBLY BAY INSIDE (N) WALL OR INSIDE (E) SOFFIT.

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
 T. (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
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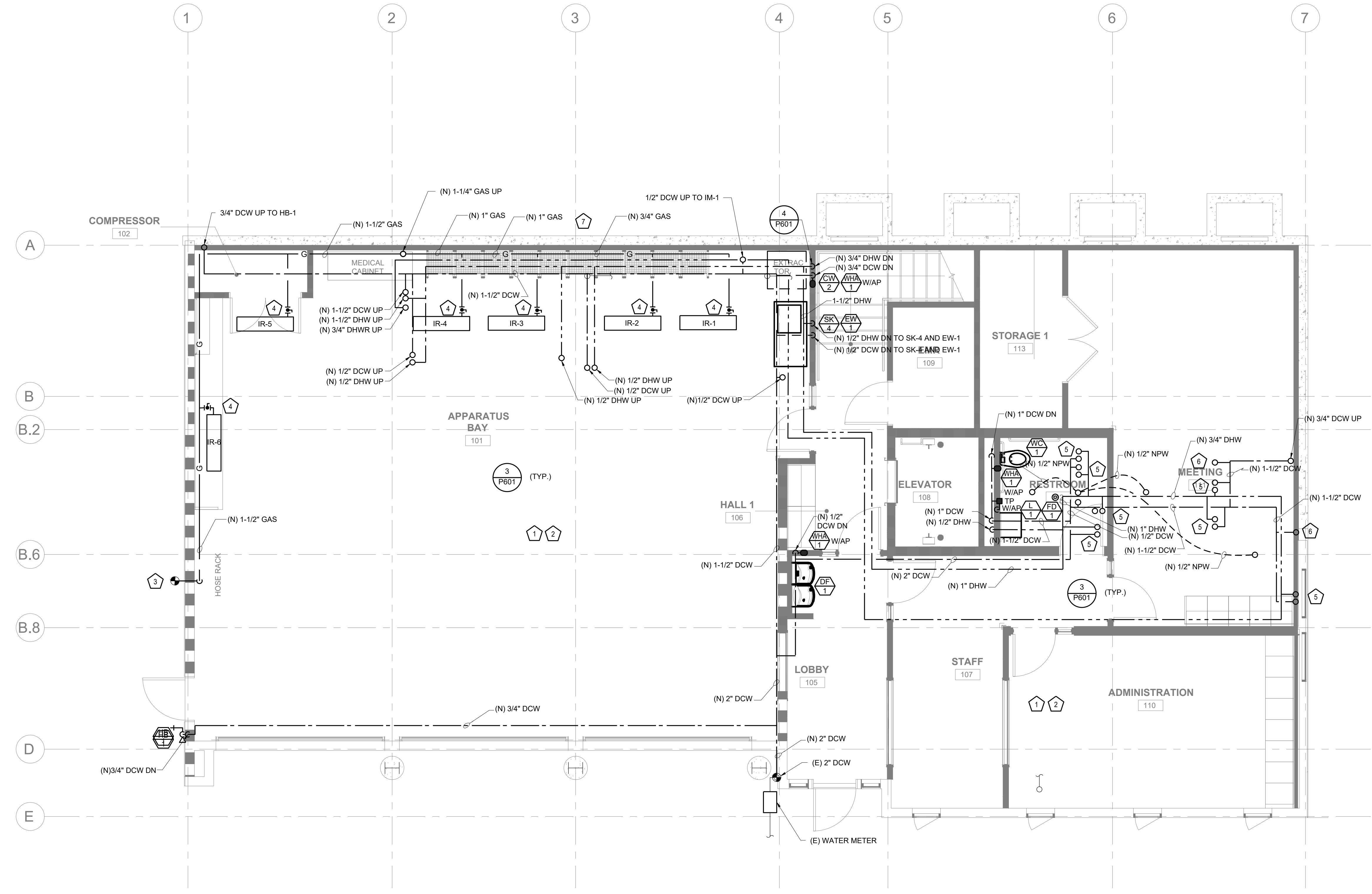
CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
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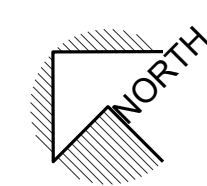
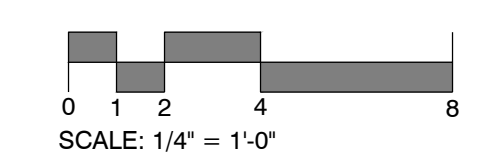
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626



**1 GROUND FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"



CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
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 By: **ROSALINA ACUFF**

NO.	DESCRIPTION	DATE
1	ISSUED FOR BUILDING PERMIT	04-01-22
2	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 PLUMBING DCW, DHW & GAS  
 GROUND FLOOR PLAN

**P205**

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.**  
**KENSINGTON, CA, 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
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 CONTACT: KAREN MAR  
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STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
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 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

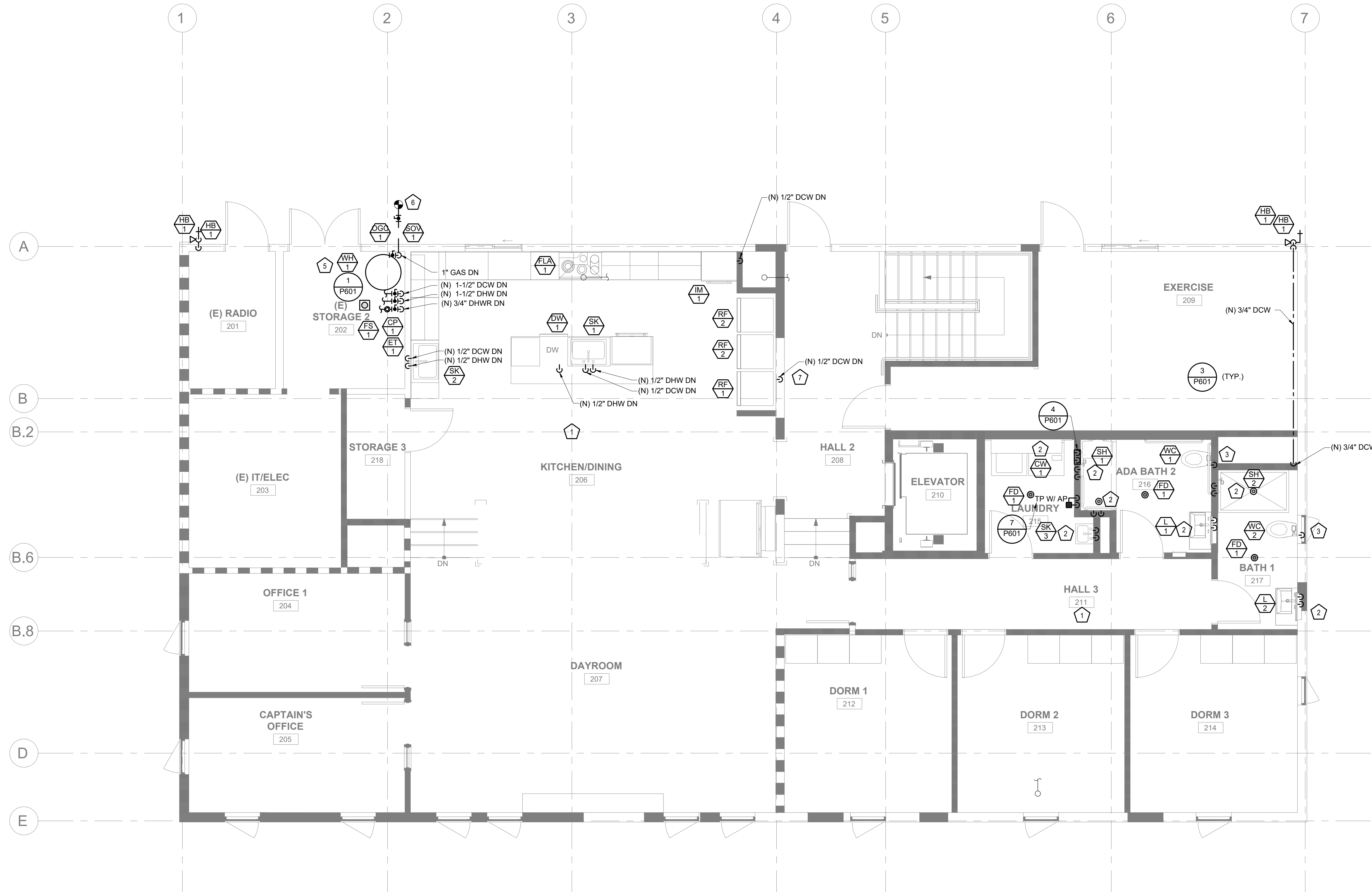
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
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 SAN FRANCISCO, CA 94110  
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 T: (415) 826-9626

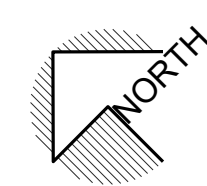
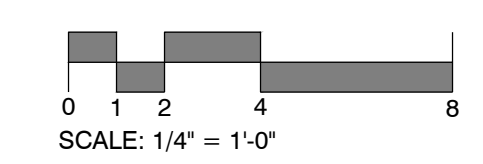
**SHEET NOTES**

1. REMOVE (E) FIXTURES AND PIPING COMPLETE.
2. (N) 1/2"DCW DN, (N) 1/2"DHW DN
3. (N) 1" DCW DN
4. NOT USED.
5. PROVIDE 3/4" GAS TO WH-1 WITH SOV, FLEX CONNECTION, AND DIRT TRAP.
6. POC TO (E) GRILL OUTDOOR. PROVIDE AUTOMATIC SOV. SEE SCHEDULE.
7. PROVIDE DCW CONNECTION TO EACH RF-1 AND RF-2.



CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
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 By: ROSALINA ACUFF

**1 SECOND FLOOR PLAN**  
 P205 SCALE: 1/4"=1'-0"



NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 PLUMBING DCW, DHW & GAS  
 SECOND FLOOR PLAN



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
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MEP: LIST ENGINEERING CO.  
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CONTRA COSTA COUNTY  
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 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
8	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 DETAILS

**P601**

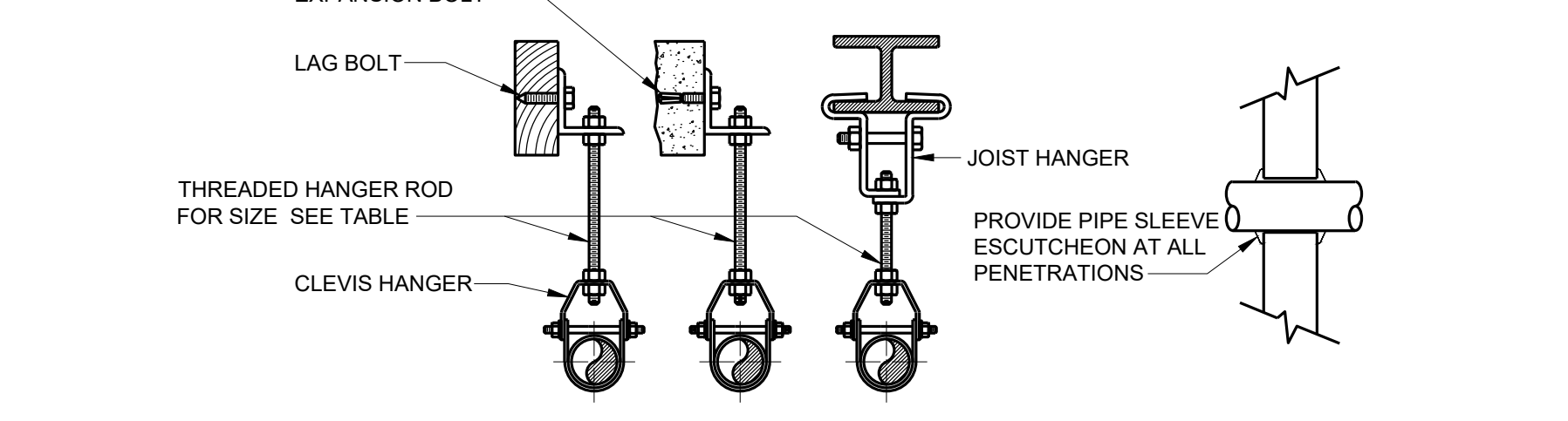
**HANGERS AND PIPING SUPPORTS**

SIZE OF PIPE (INCH)	SPACING OF SUPPORTS (FEET)		TYPE OF JOINT
	HORIZONTAL	VERTICAL	
GAS PIPING (STEEL, BRASS & TINNED COPPER)			
1/2"	6'	6'	THREADED OR WELDED
3/4"-1"	8'	8'	
1-1/4" AND LARGER	10'	EVERY FLOOR LEVEL	
WATER OR DWV PIPING (STEEL & BRASS)			
3/4" & SMALLER	10'	EVERY OTHER FLOOR	THREADED OR WELDED
1" AND LARGER	12'	NOT TO EXCEED 25'	
COPPER TUBE & PIPE			
1-1/2" & SMALLER	6'	EACH FLOOR, NOT TO EXCEED 10'	SOLDERED OR BRAZED
2" AND LARGER	10'		

2019 CALIFORNIA PLUMBING CODE TABLES 313.1 & TABLE 1210.2.4.1

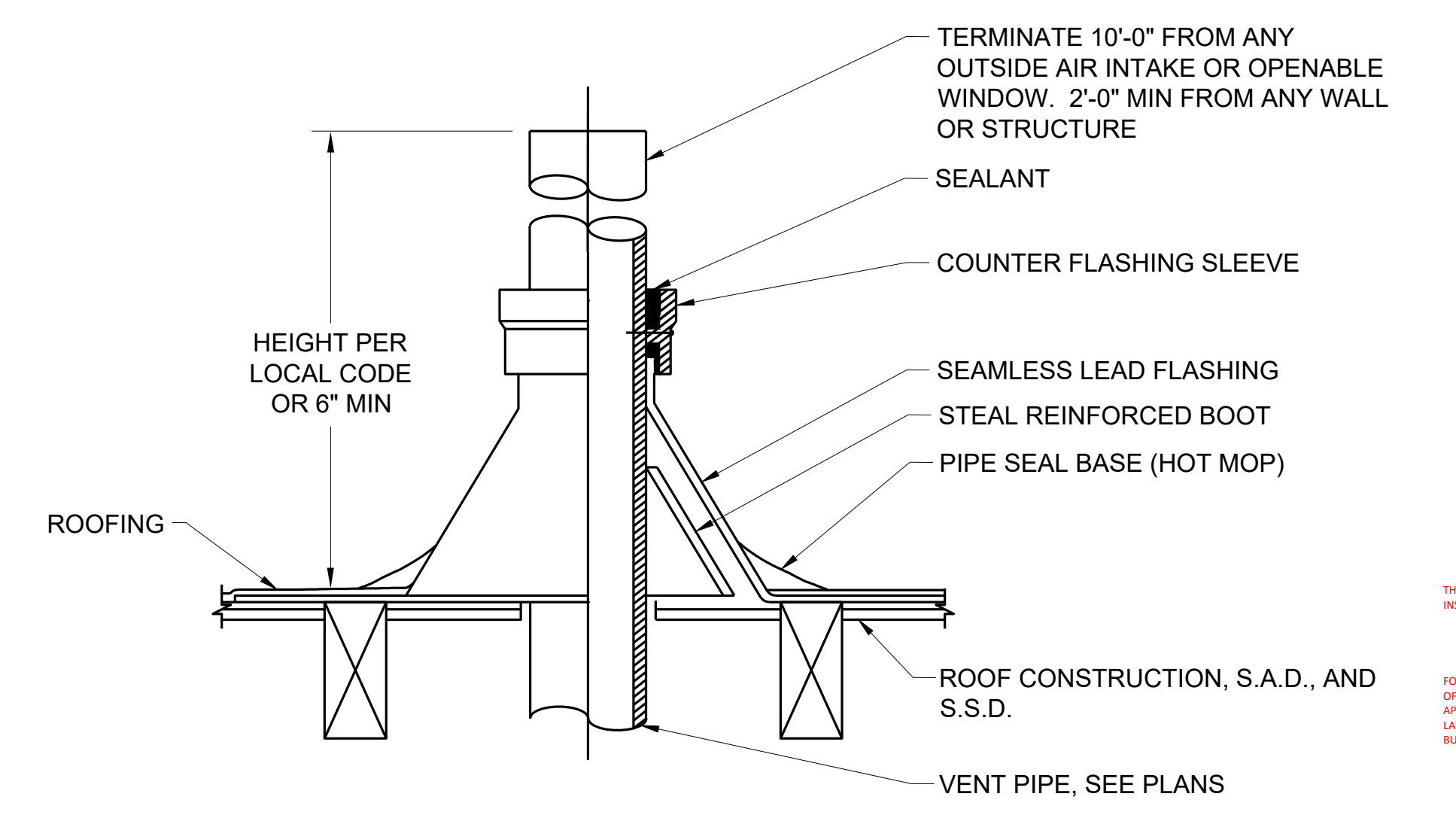
PIPE SIZE	THREADED HANGER ROD SIZE
1/2" TO 4"	3/8"
5" TO 8"	1/2"
10" TO 12"	5/8"

2019 CALIFORNIA PLUMBING CODE TABLES 313.6

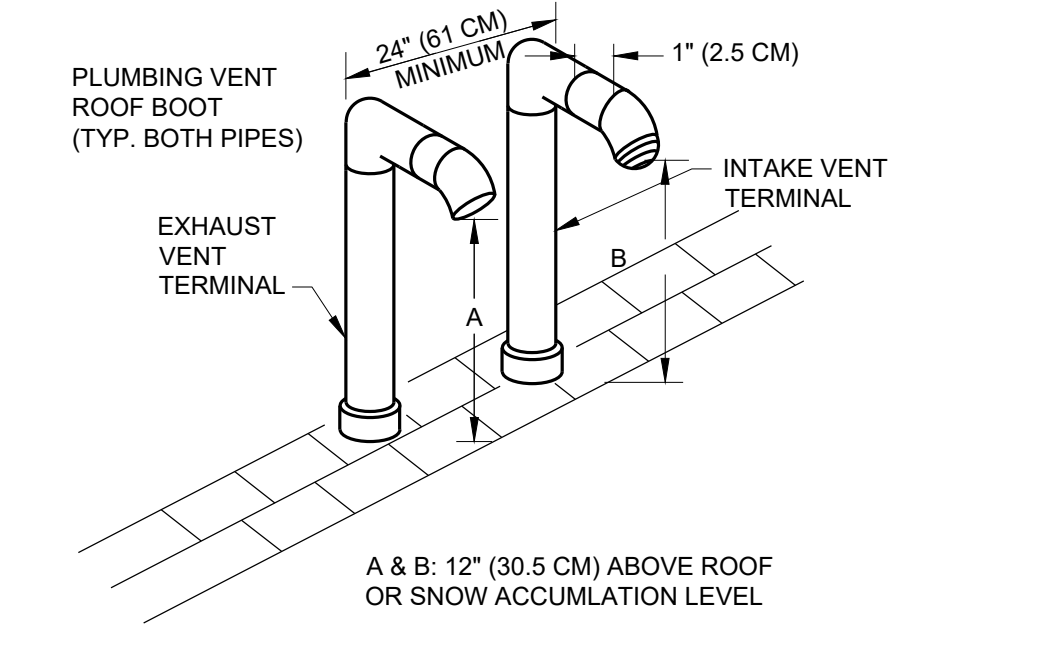


INSTALL LISTED PIPE HANGER SUPPORT COMPONENTS PER MFR. RECOMMENDATIONS. VERIFY ALL ATTACHMENT TO STRUCTURE WITH STRUCTURAL ENGINEER PRIOR TO INSTALLATION. PIPE HANGERS AND SUPPORTS, MATERIALS, DESIGN AND MANUFACTURE SHALL CONFORM TO ANSIMPSS SP-58.

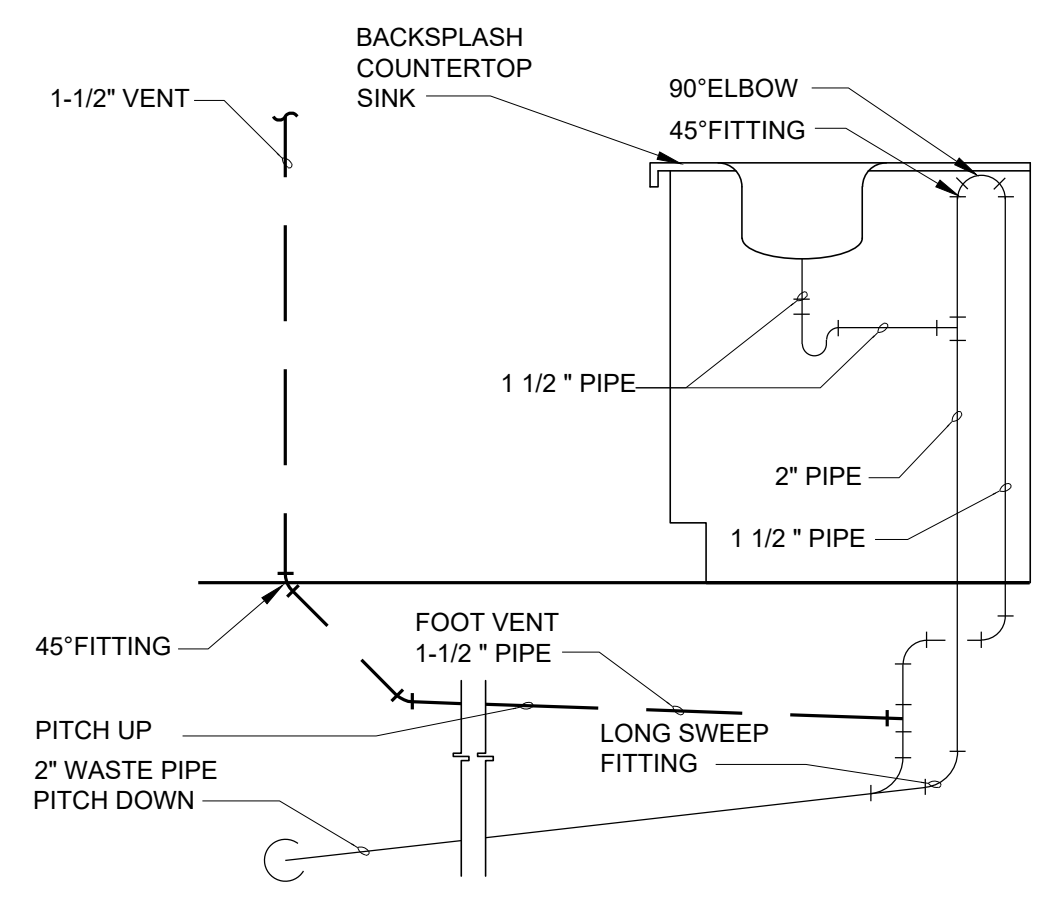
**3 PIPE SUPPORT**  
 P601 NO SCALE



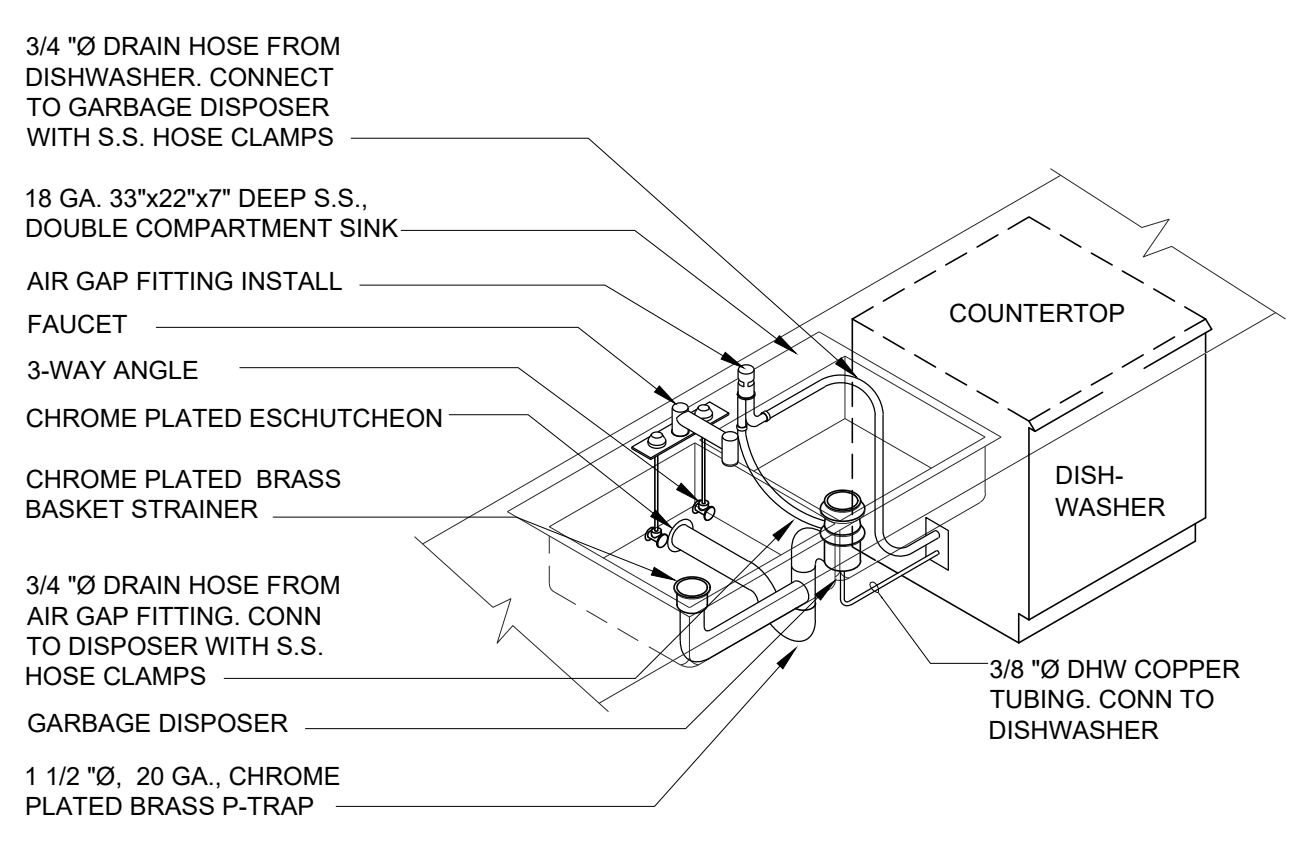
**2 VENT THROUGH ROOF**  
 P601 NO SCALE



**9 VERTICAL VENT TERMINATION**  
 P601 NO SCALE

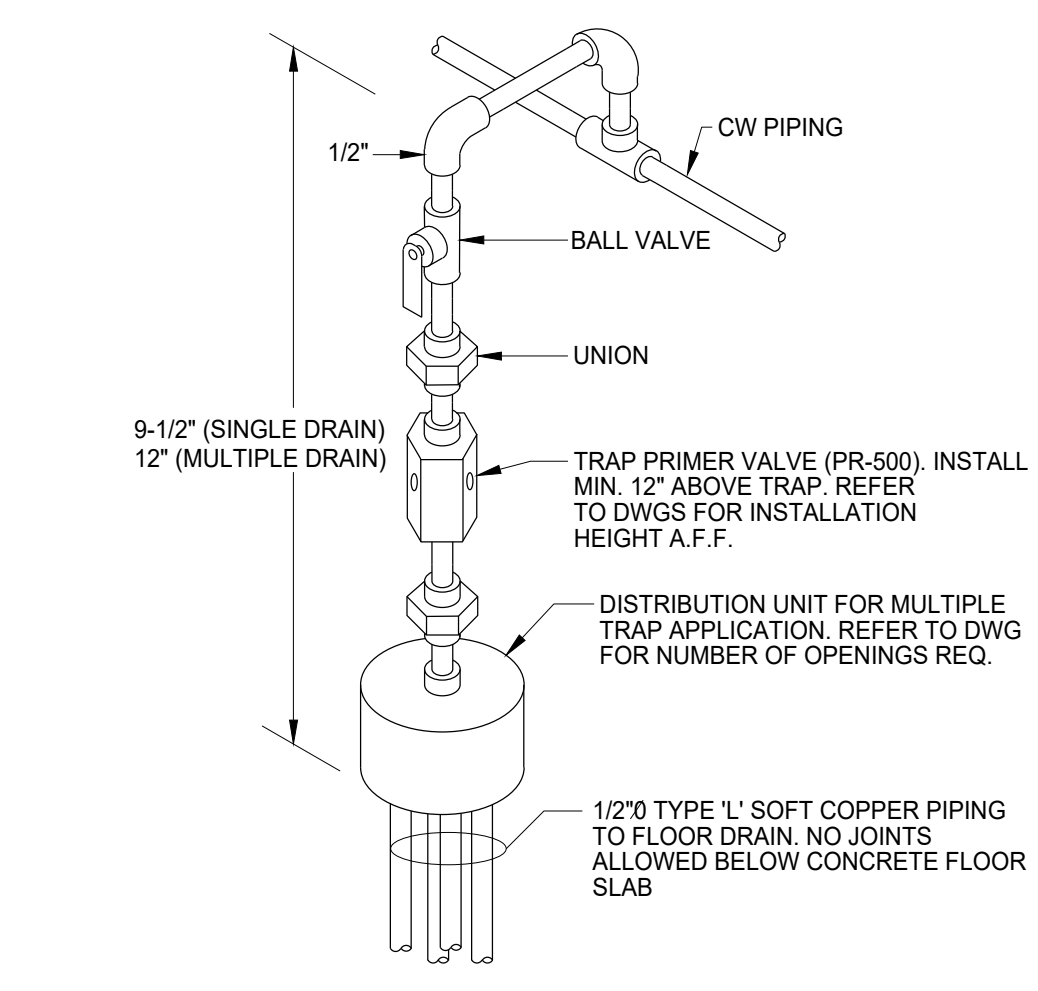


**6 ISLAND SINK VENT DETAIL**  
 P601 NO SCALE  
 SEE PLAN VIEW

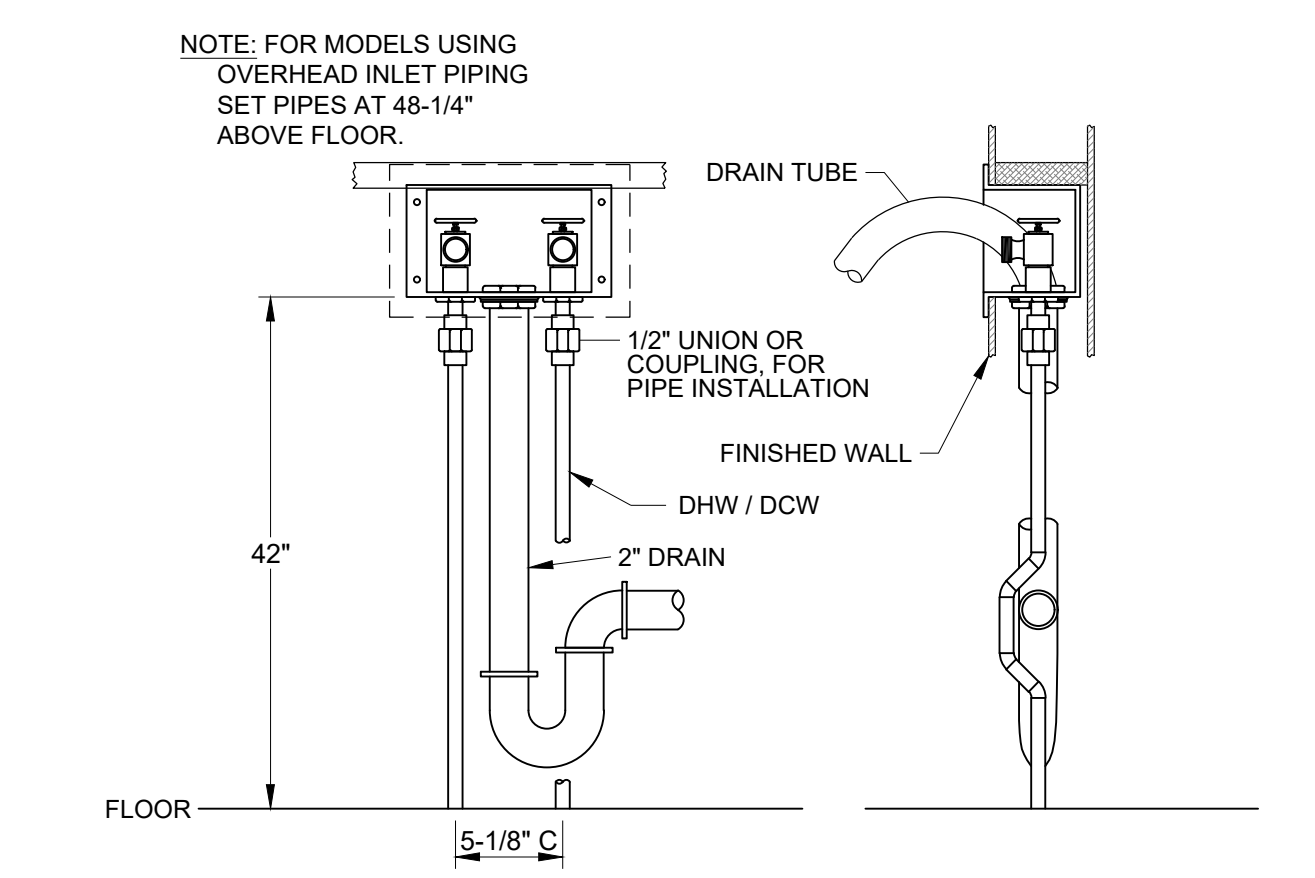


**5 SINK / DISHWASHER / DISPOSER DETAIL**  
 P601 NO SCALE

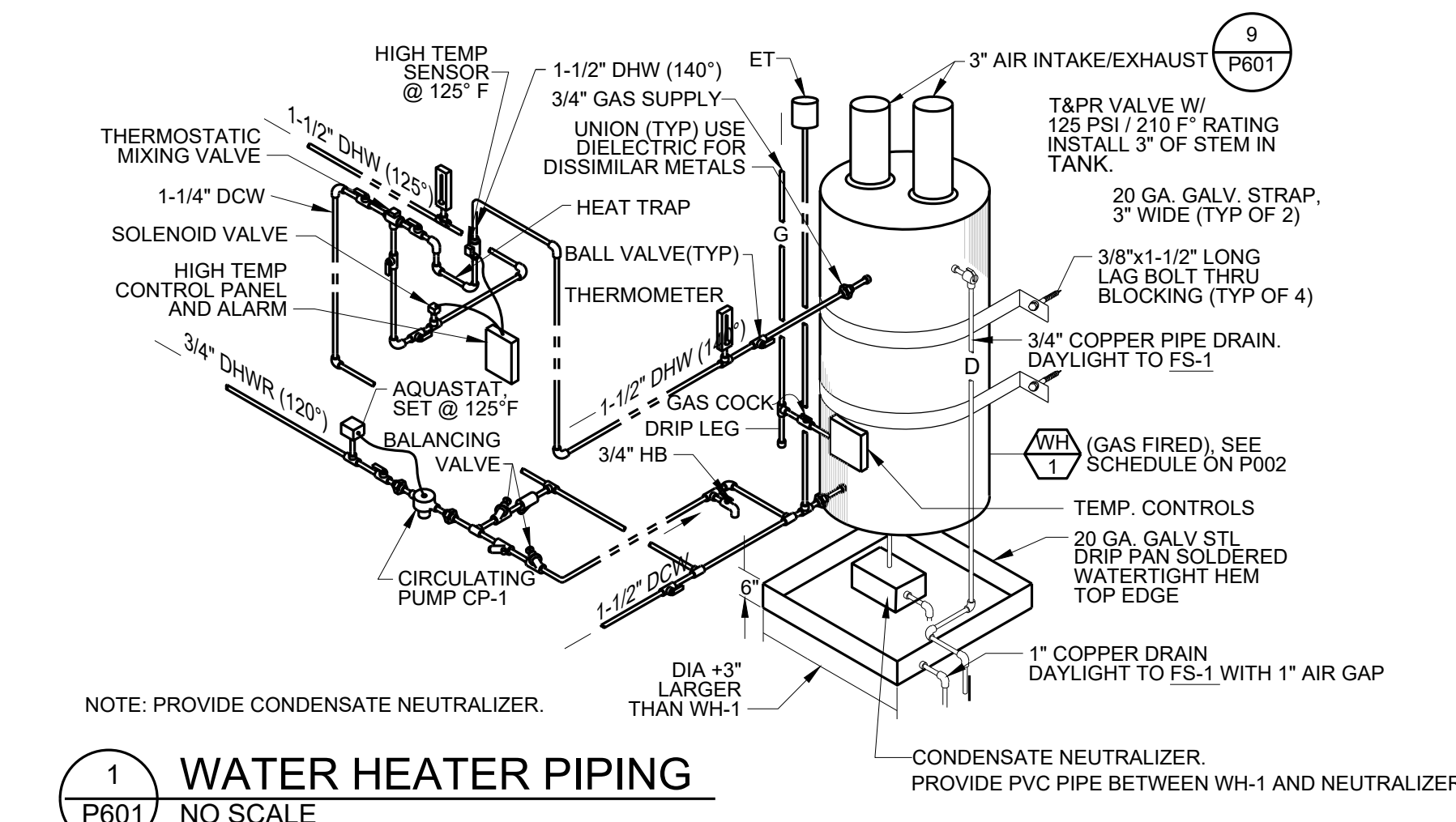
**8 NOT USED**  
 P601 NO SCALE



**7 TRAP PRIMER**  
 P601 NO SCALE



**4 CLOTHES WASHER WALL BOX**  
 P601 NO SCALE



**1 WATER HEATER PIPING**  
 P601 NO SCALE

**SYMBOLS & ABBREVIATIONS (FIRE PROTECTION)**

	ALARM BELL	AC	ASBESTOS CEMENT
	AT	AFB	ABOVE FINISH FLOOR
	BUTTERFLY VALVE	AFG	ABOVE FINISH GRADE
	CHECK VALVE	BFV	BUTTERFLY VALVE
	DETECTOR CHECK VALVE	CI	CAST IRON
	DRAIN PIPE	CLG	CEILING
	FIRE HYDRANT (2 HOSE OUTLET)	CONC.	CONCRETE
	FIRE HYDRANT (2 HOSE OUTLET AND PUMPER CONNECTION)	CV	CHECK VALVE
	(E) FIRE SPRINKLER PIPING	DCV	DETECTOR CHECK VALVE
	(N) FIRE SPRINKLER PIPING	DN	DOWN
	FIRE SPRINKLER PIPING - UNDERGROUND (UG)	DSP	DRY STANDPIPE
	FIRE SPRINKLER RISER	(E)	EXISTING
	FLOW DETECTOR SWITCH	EC	ELECTRICAL CONTRACTOR
	TWO WAY SEISMIC RESTRAINT	EQB	EARTHQUAKE BRACE
	FOUR WAY SEISMIC RESTRAINT	FDC	FIRE DEPARTMENT CONNECTION
	GATE VALVE	FH	FIRE HYDRANT
	MAIN TAP	FS	FIRE SPRINKLER
	O S AND Y VALVE	FSC	FIRE SPRINKLER CONTRACTOR
	POST INDICATING VALVE	GPM	GALLONS PER MINUTE
	CONNECTION (FREE STANDING) SIAMESE FIRE DEPARTMENT	HV	HOSE VALVE
	CONNECTION (WALL TYPE) SIAMESE FIRE DEPARTMENT	MJ	MECHANICAL JOINT
	SPRINKLER HEAD: FLUSH	(N)	NEW
	SPRINKLER HEAD: PENDENT	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
	SPRINKLER HEAD: SIDEWALL	NIC	NOT IN CONTRACT
	SPRINKLER HEAD: UPRIGHT	NTS	NOT TO SCALE
	VALVE BOX	PIV	POST INDICATION VALVE
	VALVE WITH TAMPER DETECTOR/SWITCH	OS&Y	OUTSIDE SCREW AND YOKE
	WATER TOWER/TANK ABOVE-GROUND HORIZONTAL	PSI	POUNDS PER SQUARE INCH
	WATER TOWER/TANK ABOVE-GROUND VERTICAL	PVC	POLYVINYL CHLORIDE
	'U' HOOK	REQ'D	REQUIRED
	WRAP AROUND 'U' HOOK	SHT. MTL.	SHEET METAL
	SIDE BEAM BRACKET ROD	SQ. FT.	SQUARE FEET
	COACH SCREW ROD	ST	STEEL
		TYP	TYPICAL
		W/	WITH
		WSP	WET STANDPIPE

**GENERAL FIRE PROTECTION NOTES**

- ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA MECHANICAL PLUMBING, BUILDING AND FIRE CODES, NATIONAL FIRE PROTECTION CODES, AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE 2019 CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24.
- REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLANS AND LOCATIONS OF CONCEALED SPACES, AND OTHER ARCHITECTURAL FEATURES THAT REQUIRE FIRE SPRINKLERS AS PER NFPA #13.
- REFER TO ELECTRICAL DRAWINGS FOR TYPE AND LOCATION OF LIGHT FIXTURES.
- REFER TO THE MECHANICAL DRAWINGS FOR DUCTWORK AND GRILLE LOCATIONS.
- REFER TO STRUCTURAL DRAWING FOR LOCATIONS OF BEAMS, SHEAR WALLS AND MEMBERS. ALL DRILLING OF STRUCTURAL BEAMS AND MEMBERS TO BE COORDINATED WITH THE STRUCTURAL ENGINEER. ALL HOLES SHALL BE MINIMUM SIZE AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO DRILLING.
- PROVIDE HIGH TEMPERATURE HEADS AS REQUIRED BY NFPA #13 AT OR NEAR HEATING EQUIPMENT (I.E., BOILER AND FURNACES, FLUES IN MECHANICAL ROOMS, SKYLIGHTS, ETC.).
- EXPOSED PIPING ALLOWED ONLY IN PARKING GARAGE.
- SPRINKLERS EXPOSED TO WEATHER SHALL BE OF THE WAX COATED OR CORROSION RESISTANT TYPE.
- ESCUTCHEONS IN FINISHED AREAS.
- DESIGN AND INSTALLATION SHALL CONFORM WITH NFPA PAMPHLETS.
- ALL MATERIALS AND DEVICES TO BE UL LISTED.
- SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CATALOG DATA FOR ALL UL AND FM APPROVED COMPONENTS AND DEVICES TO THE CITY OF KENSINGTON FIRE MARSHAL'S OFFICE FOR APPROVAL AND OBTAIN PERMITS PRIOR TO INSTALLATION.
- SPRINKLER CONTRACTOR SHALL SUBMIT SPRINKLER HEAD LAYOUT ON ARCHITECTURAL REFLECTED CEILING PLANS FOR ARCHITECTURAL APPROVAL PRIOR TO ANY PIPING DESIGN AND/OR CALCULATIONS.
- NFPA CLASSIFICATION:  
PARKING GARAGE/ MACHINE SHOP: ORDINARY HAZARD, GROUP ONE.  
DORM/OFFICE: LIGHT HAZARD
- FIRE HYDRANT FLOW TEST DATA:  
DATE: 10/21/2021  
HYDRANT: 6CM56  
LOCATION: EAST SIDE OF ARLINGTON AVENUE, 385 FT SOUTH OF OBERLIN AVENUE  
STATIC PRESSURE: 123 PSI  
RESIDUAL PRESSURE: 99 PSI  
FLOW: 1500 GPM  
PREDICTED FLOW AT 20 PSI: XXXX GPM

**List Engineering**  
Mechanical Consultants  
2 Harris Court Suite A7, Monterey, CA 93940  
Telephone (831) 373-4390 / Facsimile (831) 373-6522  
www.listengineering.com © LEC 2021  
Job No. 21025.00

STAMP

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA, 94707**

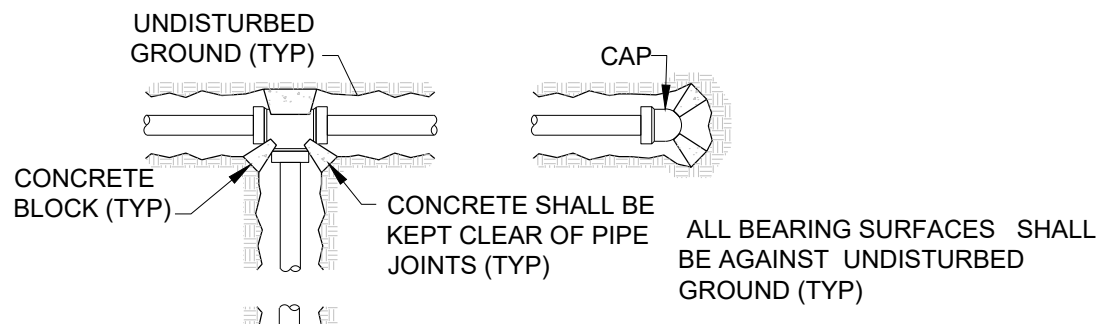
PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
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CONTACT: BILL HANSELL  
T: (415) 378-9064  
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CONTACT: KAREN MAR  
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STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
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SAN CARLOS, CA 94070  
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OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
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MEP: LIST ENGINEERING CO.  
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MONTEREY, CA 93940  
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AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140  
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE. #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
FIRE PROTECTION TITLE SHEET

**FP001**

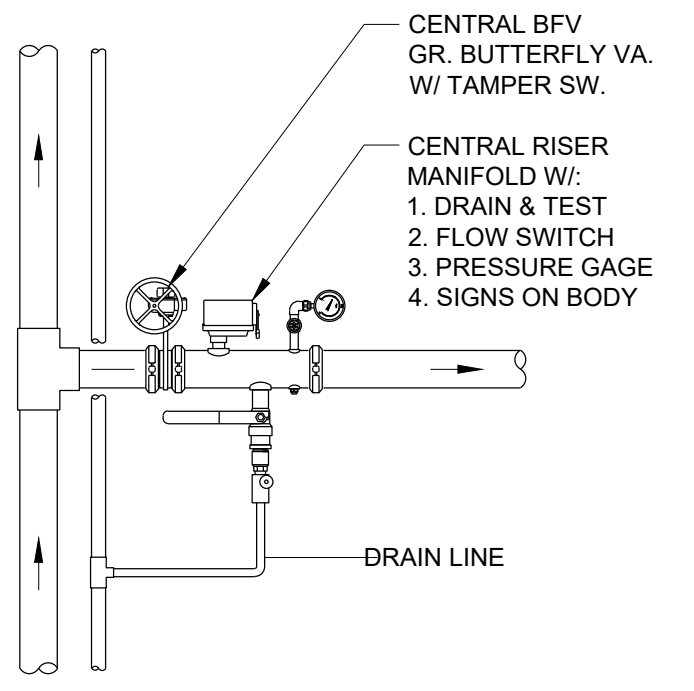


AREA OF BEARING FACE OF CONCRETE THRUST BLOCKS.

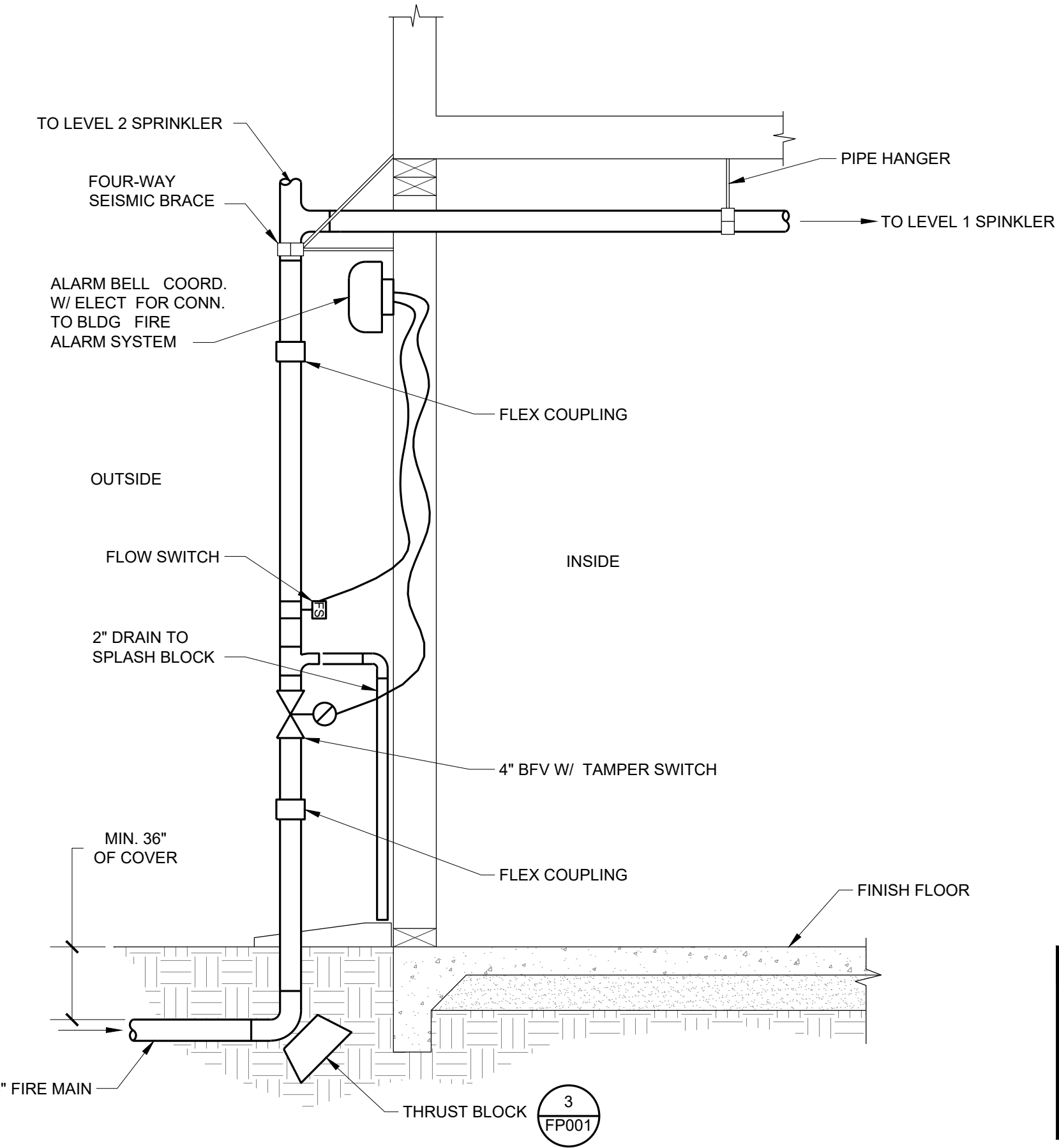
PIPE SIZE INCHES	90° BEND SQ. FT.	45° BEND SQ. FT.	TEE, PLUGS, CAPS, AND HYDRANTS SQ. FT.
4	2	2	2
6	5	3	4
8	8	5	6

AREA IN TABLE HAVE BEEN DERIVED USING A WATER PRESSURE OF 225 POUNDS PER SQUARE INCH (15.5 BARS) AND A SOIL RESISTANCE OF 2,000 POUNDS PER SQUARE FOOT (1.0 BARS). THE VALUES GIVEN IN THIS TABLE INCLUDE A DESIGN SAFETY FACTOR OF 1.5.

**3 THRUST BLOCK DETAIL**  
FP001 NO SCALE



**2 FLOOR VALVE CONTROL ASSEMBLY**  
FP001 NO SCALE



**1 FIRE SPRINKLER RISER DETAIL**  
FP001 NO SCALE

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
**BICA22-004407**  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
10:13 am, Aug 05, 2022  
REVIEWED  
FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
By: ROSALINA ACUFF

**DRAWING INDEX**

DWG #	DRAWING DESCRIPTION
FP001	FIRE PROTECTION - TITLE SHEET
FP201	FIRE PROTECTION - GROUND FLOOR PLAN
FP202	FIRE PROTECTION - SECOND FLOOR PLAN

**SHEET NOTES**

- COORDINATE LOCATION OF THE BACKFLOW, FDC AND PIV WITH CIVIL.
- PROVIDE FIRE SPRINKLERS IN CEILING SPACE.

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

PROJECT TEAM

**CLIENT:** KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
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 CONTACT: BILL HANSELL  
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**ARCHITECT:** MARJIANG ARCHITECTURE  
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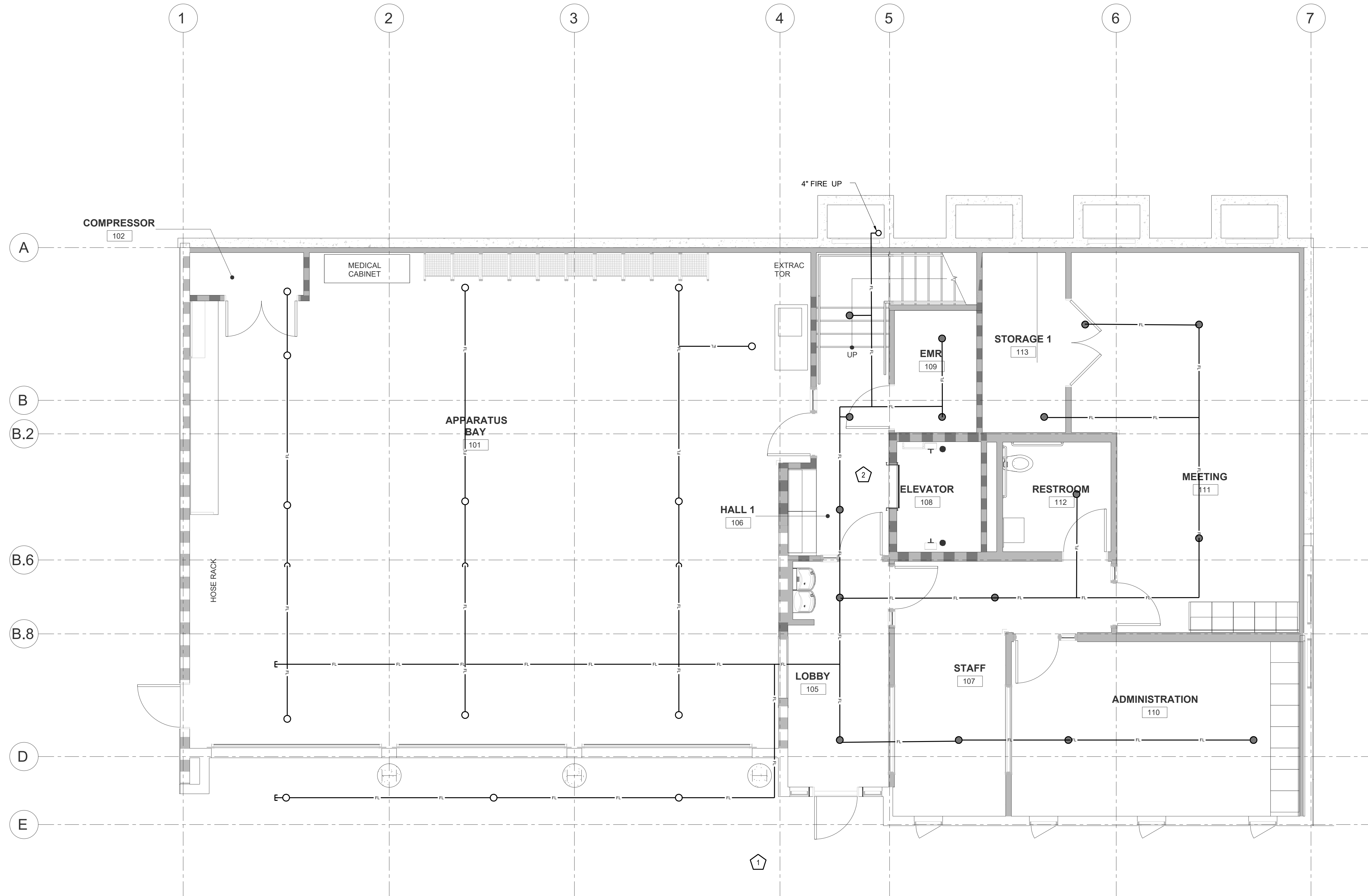
**CIVIL:** BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94612  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

**GEOTECH:** HALEY ALDRICH  
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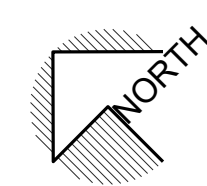
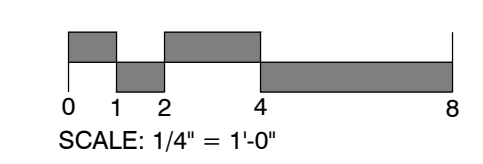
**AUDIO/VISUAL:** SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

**ESTIMATOR:** MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626



CONTRA COSTA COUNTY  
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 BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

**1 GROUND FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"



NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 FIRE PROTECTION GROUND  
 FLOOR PLAN

SHEET NOTES

- PROVIDE FIRE SPRINKLERS IN FLOOR CAVITY AND CEILING SPACE.

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.**  
**KENSINGTON, CA, 94707**

PROJECT TEAM

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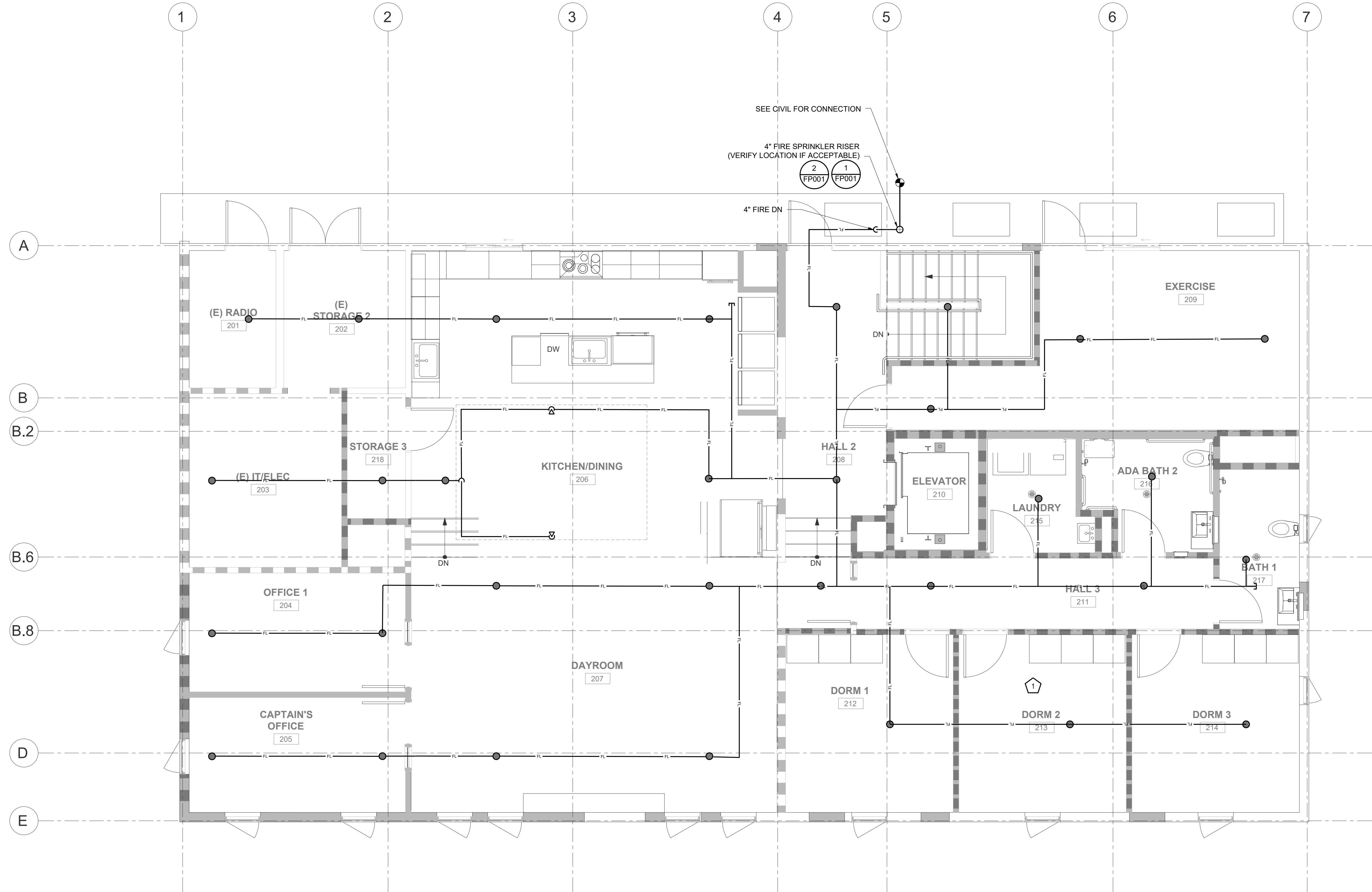
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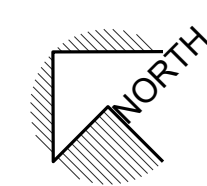
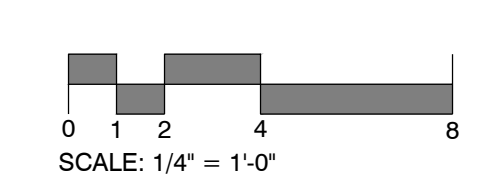
SEE CIVIL FOR CONNECTION

4" FIRE SPRINKLER RISER  
 (VERIFY LOCATION IF ACCEPTABLE)

4" FIRE DN

**CONTRA COSTA COUNTY**  
**BUILDING INSPECTION DIVISION**  
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 By: ROSALINA ACUFF

**1 SECOND FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"



NO.	DESCRIPTION	DATE
8	ISSUED FOR BUILDING PERMIT	04-01-22
	PLAN CHECK COMMENTS	07-22-22

JOB NO.

DESCRIPTION  
 FIRE PROTECTION SECOND FLOOR PLAN

**PROJECT GENERAL NOTES**

#	Note
1	EXISTING CONDITIONS
2	THE EXISTING CONDITIONS INDICATED IN THIS DRAWING SET WERE DEVELOPED FROM VARIOUS SOURCES WHICH WERE FIELD VERIFIED AND NOT ALL CONDITIONS ARE SHOWN. LOCATIONS, ROUTING, ELEVATIONS, SIZES, ETC. ARE SHOWN SCHEMATICALLY. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
3	DRAWINGS INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY SPACE CONDITIONS. FINAL LOCATIONS SHALL BE ADJUSTED TO MEET FIELD CONDITIONS
4	THE CONTRACTOR SHALL VISIT THE JOBSITE AND VERIFY ALL EXISTING CONDITIONS BEFORE CONSTRUCTION AND SHALL INCLUDE IN THE BID THE NECESSARY COSTS TO CONSTRUCT THIS PROJECT IN ACCORDANCE WITH THE ELECTRICAL DRAWINGS, SPECIFICATIONS AND ALL APPLICABLE CODES.
5	DEMO & GENERAL CONDITIONS
6	CONTRACTOR SHALL REMOVE ALL LEFT OVER CONDUIT, WIRE, SCRAPS, ETC. AND LEAVE PREMISES CLEAN AND FREE OF TRASH OR DEBRIS RESULTING FROM THEIR WORK.
7	CONTRACTOR SHALL DISCONNECT AND REMOVE ALL DEMOLISHED DEVICES AND FIXTURES AS SHOWN ON DEMOLITION PLAN. TURN OVER TO OWNER EXISTING DEVICES AND FIXTURES THAT ARE NOT REUSED. PROPERLY DISCARD IF THE OWNER DOES NOT WANT.
8	RECONNECT EXISTING DEVICES WHOSE CIRCUITS HAVE BEEN INTERRUPTED BY DEMOLITION BY PROVIDING NEW CONNECTIONS TO ANOTHER EXISTING DEVICE OR PANEL. VERIFY CIRCUIT LOADING ON EXISTING CIRCUIT.
9	WHEN A DEVICE IS REMOVED FROM AN EXISTING WALL WHICH WILL REMAIN, PATCH WALL TO MATCH EXISTING OR NEW FINISH.
10	MOUNTING HEIGHTS SHOWN ARE FROM FINISHED FLOOR TO THE CENTERLINE OF DEVICES. COORDINATE WITH ARCHITECTURAL DRAWINGS.
11	CLEAN EXISTING LIGHTING FIXTURES WITHIN THE PROJECT AREA AS PART OF THIS PROJECT. INCLUDE NEW LAMPS WHERE COLOR INCONSISTENCIES EXIST, OR WHERE LAMPS ARE BURNED OUT/NOT INSTALLED.
12	SITE & SITE LIGHTING
13	THERE SHALL BE A MINIMUM OF 24" OF COVER OVER UNDERGROUND CONDUITS. UON. INCLUDE A MINIMUM 12" SEPARATION BETWEEN ALL LOW VOLTAGE AND LINE VOLTAGE RACEWAYS. INSTALL A WARNING MARKER TAPE 12 INCHES OVER THE CONDUIT.
14	PROVIDE CONCRETE BASES FOR ALL SITE POLE MOUNTED FIXTURES, BOLLARDS, AND SIGN LIGHTING. UON.
15	MINIMUM SIZE CONDUIT USED ON THE SITE SHALL BE 1.0" C. WITH MINIMUM #10 CONDUCTORS. UON.
16	CONTRACTOR SHALL SIZE ALL INDOOR AND EXTERIOR JUNCTION/PULLBOXES PER THE MINIMUM CODE REQUIREMENTS OF CEC ARTICLE 314, WHEN NOT INDICATED ON THE PLANS.
17	EQUIPMENT, CONDUIT, WIRE, BOXES & DEVICES
18	PROVIDE INDIVIDUAL GFCI RECEPTACLES AT EACH LOCATION SHOWN, DO NOT USE FEED-THRU GFCI TYPE RECEPTACLES. LOCATE RECEPTACLE AT END OF A BRANCH CIRCUIT WIRE
19	WHERE RECEPTACLES ARE LOCATED OUTSIDE OR IN WET/DAMP LOCATIONS PROVIDE WEATHER RESISTANT TYPE. UON
20	CONDUIT SIZE SHALL BE 0.75 MINIMUM. U O N.
21	ALL CONDUCTORS ON THIS PROJECT SHALL BE COPPER.
22	FEEDER AND BRANCH CIRCUIT HOMERUNS SHALL BE INSTALLED IN CONDUIT. MC TYPE CABLE SHALL NOT BE USED FOR ANY HOMERUNS ON THIS PROJECT.
23	INSTALL AND CONNECT A CODE SIZED INSULATED OR BARE COPPER GROUNDING CONDUCTOR IN ALL BRANCH CIRCUITS AND FEEDERS.
24	ALL DEVICES SHALL HAVE TYPE ON TAPE LABELS INDICATING THE PANELBOARD AND CIRCUIT SERVING EACH DEVICE. TYPICAL OF ALL DEVICES INCLUDED ON THIS PROJECT.
25	PROVIDE INSULATING BUSHINGS OR INSULATED THROAT ON THE ENDS OF ALL EMPTY CONDUIT SLEEVES AND INST. A POLYETHYLENE PULLING ROPE.
26	WHERE CIRCUITS ARE SHOWN ON THE DRAWINGS WITH HOMERUNS THAT SHARE NEUTRAL CONDUCTORS THE CONTRACTOR SHALL PROVIDE HANDLE TIES BETWEEN ALL BRANCH CIRCUIT BREAKER LOADS WHICH SHARE A NEUTRAL.
27	PROVIDE DEDICATED CONDUIT/PATHWAYS FOR ALL 0-10v LIGHTING CONTROL SIGNALS SEPARATE FROM ALL LINE VOLTAGE RACEWAY.
28	ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE WEATHER-PROTECTED AND LISTED FOR EXTERIOR USE.
29	PROVIDE TYPE WRITTEN PANEL SCHEDULES UPDATED TO INCLUDE ALL FIELD MODIFICATIONS AND SCOPE ITEMS ASSOCIATED WITH THIS PROJECT.
30	PROVIDE ENGRAVED NAMEPLATES FOR ELECTRICAL BOARDS, DISCONNECTS, AND SWITCHGEAR.
31	FIRE ALARM & FIRE RATED ITEMS
32	ALL CIRCUIT BREAKERS SERVING THE FIRE ALARM CONTROL PANEL AND FIRE ALARM SYSTEM COMPONENTS SHALL HAVE LOCKABLE HANDLES, AND PAINTED RED FOR EASY IDENTIFICATION.
33	ALL CONDUIT, OUTLET BOXES, AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS OR FLOOR ASSEMBLIES SHALL BE A UL LISTED ASSEMBLY THAT PROTECTS THE RATED ASSEMBLY. INCLUDE FIRE RATED DEVICE BOX ASSEMBLIES WHEN REQUIRED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL RATED WALLS AND FLOORS AS APPLICABLE.
34	PROVIDE A REMOTE TEST/RESET STATION FOR EACH SMOKE DUCT DETECTOR NOT ACCESSIBLE FROM THE ROOF OR CEILING SPACE. LOCATE STATION ON THE WALLS OR LOW CEILING BELOW THE DUCT DETECTOR AND LABEL WITH THE HVAC UNITS IDENTIFICATION NUMBER. INCLUDE AN ADDRESSABLE FA CONTROL MODULE FOR MONITORING.
35	CODE REQUIREMENTS & ELECTRICAL CLEARANCES
36	ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE CALIFORNIA ELECTRICAL CODE (CEC).
37	CONTRACTOR IS RESPONSIBLE TO SUBMIT REVISED LAYOUT OF EQUIPMENT IN ELECTRICAL SPACES FOR WRITTEN APPROVAL BY ENGINEER IF PROPOSED INSTALLATION LAYOUT DIFFERS FROM CONSTRUCTION DOCUMENTS. SUBMISSION MUST BE APPROVED PRIOR TO RELEASE OF ORDER FOR EQUIPMENT AND PRIOR TO INSTALLATION.
38	REQUIRED ELECTRICAL EQUIPMENT WORKING SPACE DEPTH SHALL NOT BE LESS THAN THAT INDICATED IN CEC TABLE 110.26. THE WIDTH OF THE WORKING SPACE IN FRONT OF THE ELECTRICAL EQUIPMENT SHALL BE THE WIDTH OF THE EQUIPMENT OR 30", WHICHEVER IS GREATER. THIS REQUIREMENT ALSO APPLIES TO DISCONNECT SWITCHES.
39	ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES AND BEAR THEIR LABEL, OR ETL.
40	CONTRACTOR SHALL PROVIDE ARC FLASH LABELS FOR ALL ELECTRICAL EQUIPMENT WITHIN THE SCOPE OF THIS PROJECT. THESE LABELS SHALL BE GENERATED BY THE CONTRACTOR FROM THE POWER SYSTEM STUDY AND SUBMITTED WITH THE POWER SYSTEM STUDY SUBMITTAL FOR ENGINEER REVIEW AND APPROVAL. THIS INCLUDES ALL FIELD MARKING OF KAIC VALUES ON EXISTING OR PER THE CEC.
41	WIRING SPACE IN PANELBOARDS, DISTRIBUTION PANELS AND SWITCHBOARDS SHALL BE DEDICATED TO CONDUCTORS TERMINATED IN THAT ENCLOSURE. PANELBOARDS, DISTRIBUTION PANELS AND SWITCHBOARDS SHALL NOT BE USED AS PULL AND/OR SPlice BOXES FOR CONDUCTORS THAT TERMINATE IN OTHER ENCLOSURES. DO NOT SPlice CONDUCTORS IN EQUIPMENT.
42	NEW CIRCUIT BREAKERS INSTALLED IN EXISTING EQUIPMENT SHALL BE PROVIDED TO MATCH THE KAIC RATINGS AND THE MANUFACTURER OF THE EXISTING.
43	PROVIDE CLEAR SIGNAGE ON ALL ELECTRICAL EQUIPMENT PER CEC TO INDICATE THE ARC FLASH HAZARD WARNING, AND THE MAXIMUM AVAILABLE FAULT CURRENT. WHEN MODIFICATIONS OCCUR THAT AFFECT THE MAXIMUM FAULT CURRENT THE CONTRACTOR SHALL RECALCULATE AS NECESSARY AND REMARK THE EQUIPMENT.
44	COORDINATION

**PROJECT GENERAL NOTES**

#	Note
38	REFER TO MECHANICAL & PLUMBING DRAWINGS FOR EXACT LOCATIONS OF EQUIPMENT. PROVIDE ALL LINE VOLTAGE AND LOW VOLTAGE WIRING, CONTROL WIRING, INTERLOCK CABLING, AND CONDUIT REQUIRED.
39	PROVIDE A DISCONNECTING MEANS AT ALL MOTORS, WHETHER INDICATED ON THE PLANS OR NOT.
40	PROVIDE FUSES IN DISCONNECTS FOR MECHANICAL EQUIPMENT AS COORDINATED WITH THE UNITS NAMEPLATE AND MANUFACTURERS INSTALLATION INSTRUCTIONS. FUSES SHALL BE CURRENT LIMITING TYPE.
41	PROVIDE A GFCI TYPE DEVICE WITH WEATHER PROOF WHILE IN USE COVER WITHIN 25' OF ALL EXTERIOR HVAC/PLUMBING EQUIPMENT.
42	WORK PERFORMED FROM THESE DRAWINGS SHALL ALSO COMPLY WITH THE PROJECT SPECIFICATIONS. IN THE EVENT THAT THERE IS A CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL TAKE PRECEDENT.
43	CONTRACTOR SHALL CONFIRM THAT ALL LIGHTING FIXTURES SPECIFIED, AND THE CEILING TYPES, FIXTURE TRIMS, AND FRAMES ARE ALL COMPATIBLE PRIOR TO THE CONTRACTOR LIGHTING FIXTURE SUBMITTAL.
44	BUILDING EXPANSION JOINTS ARE NOT INDICATED ON THE ELECTRICAL DRAWINGS (UON) AND SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS. INCLUDE FLEXIBLE EXPANSION WIRING METHODS AT EXPANSION JOINTS TO MEET THE DEFLECTION AND EXPANSION REQUIREMENTS OF THE BUILDING.
45	MISCELLANEOUS
46	IN ADDITION TO THE WORK SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE ALL CONDUIT, BACK BOXES, AND RACEWAY REQUIRED FOR THE FIRE ALARM SYSTEM, SECURITY SYSTEM, AV SYSTEM, AND TELECOM SYSTEM ON THIS PROJECT. PLEASE REFER THE LOW VOLTAGE SYSTEM DRAWINGS AND SPECIFICATIONS FOR DEVICE LOCATIONS, ADDITIONAL INFORMATION, AND COMPLETE SCOPE OF WORK.
47	PROVIDE ALL LABOR, EXIT SIGNS, AND MATERIAL COSTS FOR THE COMPLETE INSTALLATION OF 5 ADDITIONAL LED EDGE LIT EXIT SIGNS. THE INSTALLATION LOCATIONS ARE TO BE DETERMINED DURING THE FINAL PROJECT INSPECTION WITH THE AHJ. TURN OVER ANY UNUSED EXIT SIGNS TO THE OWNERS ATTIC STOCK FOR FUTURE USE.
48	PER OEC ARTICLE 517 PROVIDE SEPARATE ELECTRICAL RACEWAYS.
49	CONTRACTOR SHALL PREPARE RED LINED AS-BUILT DOCUMENTS REPRESENTING THE ACTUAL FIELD ROUTINGS AND INSTALLATION LOCATIONS FOR ALL ITEMS ON THIS PROJECT.
50	SURFACE MOUNTED CONDUIT WHERE APPROVED, AND INSTALLED, SHALL BE PAINTED TO MATCH THE ARCHITECTURAL FINISHES IN THAT AREA.
51	CONDUIT ROUTING (WHERE SHOWN) IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FILED CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES.
52	DRAWINGS INDICATE JUNCTION BOXES WITH HOMERUNS ON THE PLANS, BUT THE CONTRACTOR SHALL PROVIDE ALL INTERMEDIATE RACEWAY WORK AND CONDUCTORS/CABLING BETWEEN THE DEVICES, FIXTURES, AND JUNCTION BOXES AS COORDINATED WITH ALL FIELD CONDITIONS AND TRADES.
53	CONTRACTOR SHALL PREPARE A DETAILED CONDUIT ROUTING DIAGRAM, INCLUDING MAJOR CONDUIT RUNS FROM PANELS OF ORIGIN OUT TO ALL BRANCH CIRCUIT CONNECTIONS (DOWN TO THE DEVICE LEVEL), LIGHT FIXTURE CONNECTIONS, CONTROLS, ETC. AS A SHOP DRAWING FOR REVIEW AND APPROVAL BY THE ENGINEER AND OWNER. THIS SHALL BE SUBMITTED, REVIEWED, AND APPROVED PRIOR TO ANY ROUGH-IN WORK IN THE FIELD.
54	THE DRAWINGS DO NOT FULLY REPRESENT THE ENTIRE INSTALLATION FOR THE SYSTEMS INDICATED BELOW. THE CONTRACTOR IS REQUIRED TO COMPLETE THE DESIGN FOR THESE SYSTEMS AS SPECIFIED HEREIN AND AS INDICATED ON THE DRAWINGS. CAD OR REVIT SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION.
55	-LIGHTING AND DEVICE BRANCH CIRCUITING- DRAWINGS INDICATE ABOVE CEILING POWER JUNCTION BOXES, HOMERUNS, CIRCUITING AT EACH JUNCTION BOX, AND LOCAL MEANS OF CONTROL. CORRESPONDING CIRCUIT NUMBERS ARE INDICATED ADJACENT TO LIGHTING FIXTURES AND RECEPTACLES. CONNECTIONS TO ALL FIXTURES AND DEVICES ARE NOT INDICATED ON THE PLANS BUT ARE REQUIRED.
56	-FIRE ALARM SYSTEM- DRAWINGS INDICATE THE LOCATION OF ALL CONTROL PANEL COMPONENTS, INITIATING DEVICES, ANNUNCIATING DEVICES, COMMUNICATIONS SYSTEM COMPONENTS, AUXILIARY EQUIPMENT CONTROL AND CONDUIT BETWEEN BUILDINGS. CONDUITS WIRE AND CABLING BETWEEN ALL SYSTEM EQUIPMENT, DEVICES, ETC. ARE NOT INDICATED AND SHALL BE COMPLETED BY THE FIRE ALARM SYSTEM SHOP DRAWING DESIGNER.

**ABBREVIATIONS**

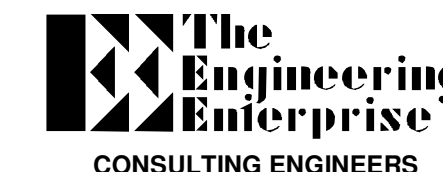
A	AMPERES	LCP	LIGHTING CONTROL PANEL
AFI	ARC FAULT CIRCUIT INTERRUPTER	MBGB	MAIN BUILDING GROUND BUS
AF	AMPERE OVERCURRENT FRAME SIZE (WHEN APPLIED TO CIRCUIT BREAKERS) OR AMPERE FUSE SIZE (WHEN APPLIED TO FUSES)	MCB	MAIN CIRCUIT BREAKER
		MLO	MAIN LUGS ONLY
AFF	ABOVE FINISHED FLOOR	MT	EMPTY CONDUIT
		(N)	NEW
AIC	ASYMMETRIC INTERRUPTING CURRENT	NC	NORMALLY CLOSED
AL	ALUMINUM	NF	NON-FUSED
AT	AMPERE OVERCURRENT TRIP (WHEN APPLIED TO CIRCUIT BREAKERS)	NI	NOT IN ELECTRICAL CONTRACT
AV	AUDIO / VIDEO	NL	NIGHT LIGHT, UNSWITCHED
ATS	AUTOMATIC TRANSFER SWITCH	NO	NORMALLY OPEN
BAS	BUILDING AUTOMATION SYSTEM	NTS	NOT TO SCALE
C	CONDUIT	OC	ON CENTER
CCTV	CLOSED CIRCUIT TELEVISION	OF	OWNER FURNISHED CONTRACTOR INSTALLED
CEC	CALIFORNIA ELECTRICAL CODE	PA	PUBLIC ADDRESS
CL	CURRENT LIMITING CIRCUIT BREAKER OR FUSE	PDZ	PRIMARY DAYLIGHT ZONE
CP	CIRCULATION PUMP	PNL	PANEL
CT	CURRENT TRANSFORMER	PQM	POWER QUALITY METER
CU	COPPER	PT	POTENTIAL TRANSFORMER
DF	DRINKING FOUNTAIN	PVC	POLYVINYL CHLORIDE
(E)	EXISTING TO REMAIN	(R)	EXISTING TO BE REMOVED
EC	ELECTRICAL CONTRACTOR	(RR)	REMOVE AND RELOCATE
EF	EXHAUST FAN	SAD	SEE ARCHITECTURAL DRAWINGS
EPO	EMERGENCY POWER OFF	TC	TIME CLOCK
EMT	ELECTRICAL METALLIC TUBING	TP	TWISTED-PAIR
EPH	ELECTRIC WATER HEATER	SDZ	SECONDARY DAYLIGHT ZONE
F	FUSED	SPD	SURGE PROTECTION DEVICE
(F)	FUTURE	TX	TRANSFORMER
FACP	FIRE ALARM CONTROL PANEL	TYP	TYPICAL
FLA	FULL LOAD AMPERES	UON	UNLESS OTHERWISE NOTED
FMC	FLEXIBLE METAL CONDUIT	UPS	UNINTERRUPTIBLE POWER SUPPLY
FSD	FIRE/SMOKE DAMPER	V	VOLTS
FRAP	FIREMAN'S REMOTE ANNUNCIATOR PANEL	VA	VOLTS-AMPS
G	GROUND	VFD	VARIABLE FREQUENCY DRIVE
GB	GROUND BUS	VM	VENDING MACHINE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	WAP	WIRELESS ACCESS POINT
GND	GROUND	WP	WEATHERPROOF
GRAP	GENERATOR REMOTE ANNUNCIATOR PANEL	2SP	TWO SPEED
		1Ø	1-PHASE
GRC	GALVANIZED RIGID CONDUIT	3Ø	3-PHASE
		1P	1-POLE
		2P	2-POLE
		3P	3-POLE
		3W	3-WIRE
		4W	4-WIRE

**APPLIANCES**

DO	DOUBLE OVEN	MW	MICROWAVE
DW	DISHWASHER	RF	REFRIGERATOR
ED	ELECTRIC DRYER	RH	RANGE HOOD
EO	ELECTRIC OVEN/RANGE	UR	UNDERCOUNTER REFRIGERATOR
GD	GARBAGE DISPOSER	WC	WINE COOLER
GR	GAS RANGE	WM	WASHING MACHINE

**ELECTRICAL SHEET INDEX**

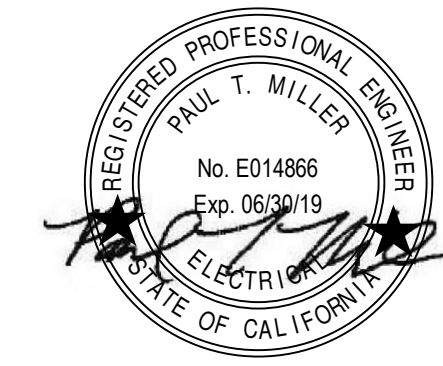
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E001	NOTES, ABBREVIATIONS, AND SHEET INDEX	•	•
E002	ELECTRICAL SYMBOLS AND LEGEND	•	•
E003	SCHEDULE AND SINGLE LINE DIAGRAM	•	•
E004	TITLE 24 FORMS	•	•
E005	TITLE 24 FORMS	•	•
E101	SITE PLAN	•	•
E201	LIGHTING PLANS	•	•
E301	POWER AND LOW VOLTAGE PLANS	•	•
E401	FIRE ALARM PLANS	•	•
E402	FIRE ALARM RISER AND DETAILS	•	•
E501	ENLARGED PLANS AND DETAILS	•	•



ALAMEDA | AUBURN  
SAN DIEGO | SANTA BARBARA  
https://www.urgent.com

TEE Project No.: 21186

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA, 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJIANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANZ  
T: (650) 394-8869

CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

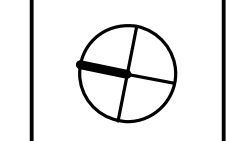
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE. #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE

JOB NO.

DESCRIPTION

NOTES,  
ABBREVIATIONS, AND  
SHEET INDEX



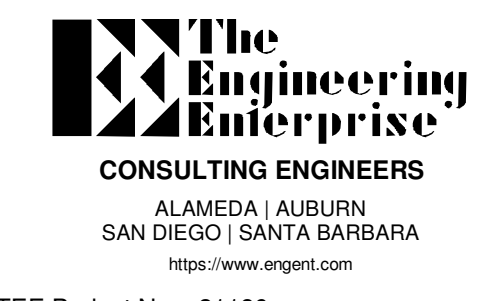
E001

CONSULTING ENGINEER  
BILLY B. MCGOWAN  
PRINCE WILLIAM, VA  
10/13 AM, Aug 05, 2022  
REVIEWED  
REVISIONS  
BY: ROSALINA ACUF

C:\Users\leland.fried\Documents\Kensington Public Safety Building\_E\_Central\_V21\_Leiland.fried.enginet.rvt

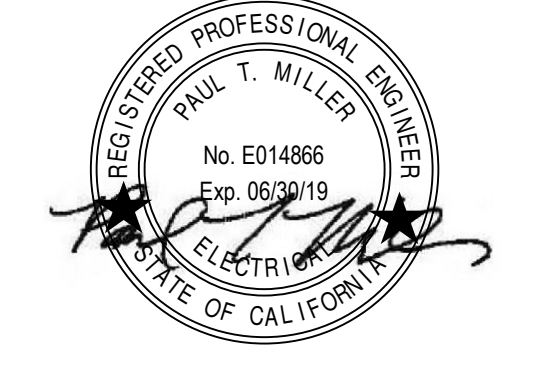
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TEE Project No.: 21186

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE. KENSINGTON, CA, 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT
ARCHITECT: MARJANG ARCHITECTURE
STRUCTURAL: ZFA STRUCTURAL ENGINEERS
CIVIL: BKF ENGINEERS
GEOTECH: HALEY ALDRICH
MEP: LIST ENGINEERING CO.
AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.
ESTIMATOR: MICROESTIMATION INC.

Table with 3 columns: NO., DESCRIPTION, DATE. Contains empty rows for project notes.

JOB NO.

DESCRIPTION
ELECTRICAL
SYMBOLS AND
LEGEND

E002

WIRING DEVICES table containing symbols and descriptions for junction boxes, receptacles, switches, and specialty outlets.

RACEWAYS table containing symbols and descriptions for various conduit types, homeruns, and raceway configurations.

DIGITAL LIGHTING CONTROLS table containing symbols and descriptions for zone dimmers, scene controllers, and occupancy sensors.

LIGHTING table containing symbols and descriptions for recessed, surface, and directional luminaires, as well as exit signs and emergency lighting.

CONVENTIONS table containing rules for numbering notes, sheet notes, and equipment identification tags, along with legends for luminaire and switchboard identification.

FIRE ALARM table containing symbols and descriptions for smoke detectors, initiating devices, and various fire alarm control components.

LINE VOLTAGE LIGHTING CONTROL table containing symbols and descriptions for single-pole switches, dimmer switches, and occupancy sensors.

POWER DISTRIBUTION table containing symbols and descriptions for panelboards, motors, fuses, and safety disconnect switches.

POWER DISTRIBUTION table containing symbols and descriptions for transfer switches, generators, batteries, and control components.

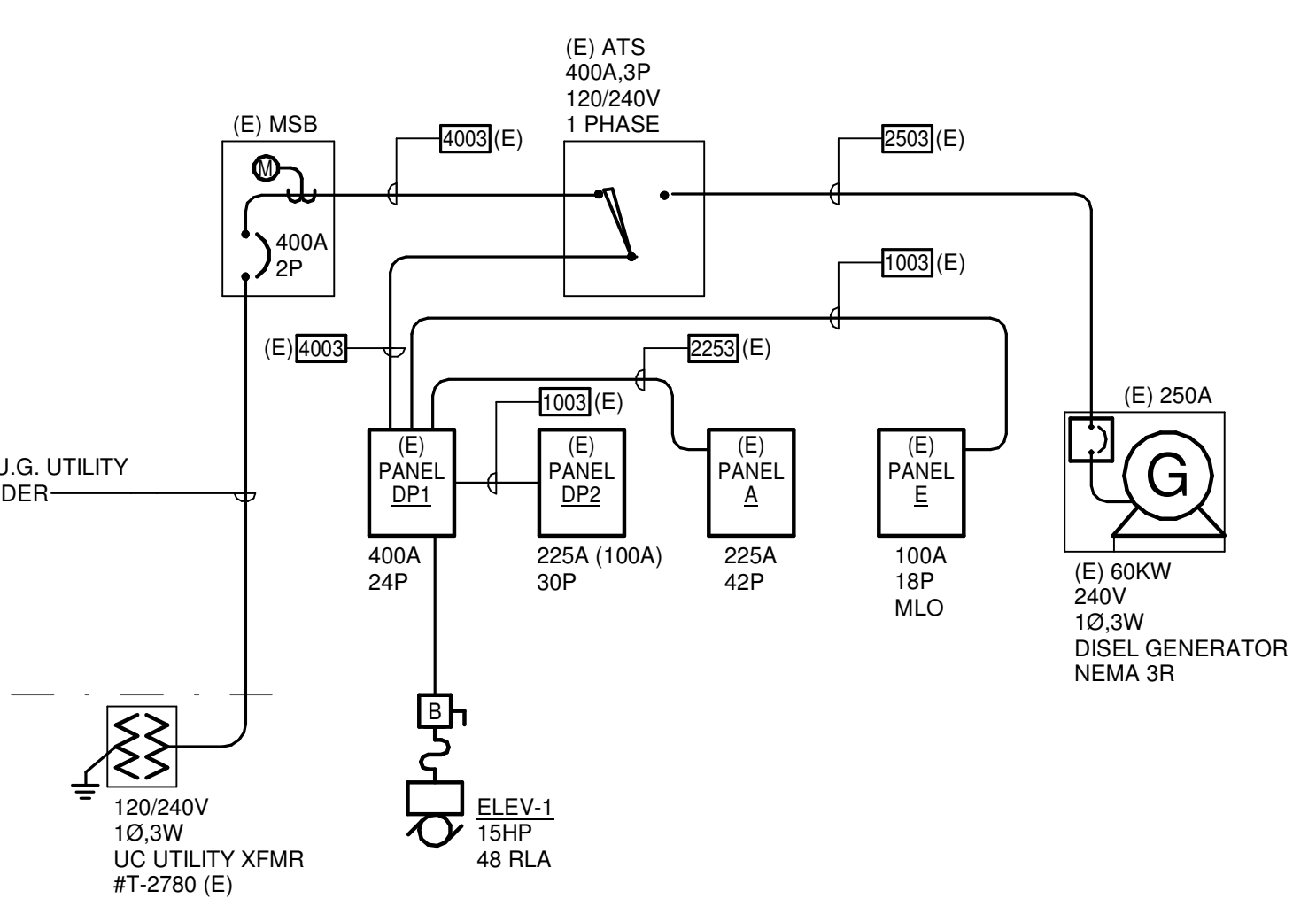
REVIEWED
10/13 am, Aug 05, 2022
By: ROSALINA ACURP

Branch Panel: (E) PANEL DP1. Location: (E) IT/ELEC 203. Mounting: SURFACE. Served From DP1. Phases 1. A.I.C. Rating: 10kAIC Bus Rating 400 A. Main Type: MLO Main Rating: NA. Load Classification table with columns: Other, Lighting, Receptacles, Conn. Load, Demand Factor, Code Demand, Panel Totals.

Branch Panel: (E) PANEL DP2. Location: (E) IT/ELEC 203. Mounting: SURFACE. Served From DP1. Phases 1. A.I.C. Rating: 10kAIC Bus Rating 225 A. Main Type: MLO Main Rating: NA. Load Classification table with columns: Other, Lighting, Receptacles, Conn. Load, Demand Factor, Code Demand, Panel Totals.

Branch Panel: (E) PANEL A. Location: (E) IT/ELEC 203. Mounting: SURFACE. Served From DP1. Phases 1. A.I.C. Rating: 10kAIC Bus Rating 225 A. Main Type: MLO Main Rating: NA. Load Classification table with columns: Other, Lighting, Receptacles, Conn. Load, Demand Factor, Code Demand, Panel Totals.

Branch Panel: (E) PANEL E. Location: (E) IT/ELEC 203. Mounting: SURFACE. Served From DP1. Phases 1. A.I.C. Rating: 10kAIC Bus Rating 100 A. Main Type: MLO Main Rating: NA. Load Classification table with columns: Other, Lighting, Receptacles, Conn. Load, Demand Factor, Code Demand, Panel Totals.



1 SINGLE LINE DIAGRAM SCALE: NONE

## FEEDER SCHEDULE

FEEDER SCHEDULE GENERAL NOTES: 1. COPPER FEEDER SIZES SHOWN IN THIS SCHEDULE ARE BASED ON CONDUCTORS WITH THHN/THWN-2 INSULATION IN EMT CONDUIT. 2. ALUMINUM FEEDER SIZES SHOWN IN THIS SCHEDULE ARE BASED ON CONDUCTORS WITH XHHW-2 INSULATION IN EMT CONDUIT. FEEDER SCHEDULE REMARKS table with columns: FEEDER TAG, FEEDER DESCRIPTION, CONDUIT, CONDUCTORS (PHASE/NEUTRAL, GROUND), SEPARATELY DERIVED SYSTEM (GROUNDING ELECTRODE, BONDING JUMPER), REMARKS.

## LUMINAIRE SCHEDULE

LUMINAIRE SCHEDULE NOTES: REFER TO SPECIFICATION '265000 LIGHTING' FOR DETAILS ON TIER REQUIREMENTS. IN ABSENCE OF SPECIFICATION SECTION, REFER TO THE FOLLOWING TIER DEFINITIONS: TIER 1 (LEGACY CRI 90)... TIER 2 (LEGACY CRI 80)... TIER 3 (LEGACY CRI 70)... Table with columns: TYPE, MANUFACTURER CATALOG NUMBER, DESCRIPTION, LIGHT SOURCE, TIER, DRIVER, TRANSFORMER, WATTAGE, VOLTAGE.



PROJECT ADDRESS: 217 ARLINGTON AVE. KENSINGTON, CA, 94707

PROJECT TEAM: CLIENT: KENSINGTON FIRE PROTECTION DISTRICT. ARCHITECT: MARJANG ARCHITECTURE. STRUCTURAL: ZFA STRUCTURAL ENGINEERS.

CIVIL: BKF ENGINEERS. GEOTECH: HALEY ALDRICH. MEP: LIST ENGINEERING CO. AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.

ESTIMATOR: MICROESTIMATION INC. REVIEWED BY: ROSALIND ACQUIF

CONTRACT COSTA COUNTY BUILDING INSPECTION DIVISION PERMIT NUMBER B1642-2004-07 10-13 am, Aug 05, 2022

Table with columns: NO., DESCRIPTION, DATE. Contains project schedule entries.

## SCHEDULE AND SINGLE LINE DIAGRAM

# E003

STATE OF CALIFORNIA  
**Electrical Power Distribution**  
 NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION  
 CERTIFICATE OF COMPLIANCE NRCC-ELC-E  
 This document is used to demonstrate compliance with mandatory requirements in §130.5 for electrical systems in newly constructed nonresidential, high-rise residential and hotel/motel occupancies. Additions and alterations to electrical service systems in these occupancies will also use this document to demonstrate compliance per §141.0(a) or §141.0(b) for alterations.  
 Project Name: Kensington Fire Station Report Page: Page 1 of 4  
 Project Address: 217 Arlington Ave Kensington, CA Date Prepared: 3/31/2022

**A. GENERAL INFORMATION**

01 Project Location (city) Kensington 02 Occupancy Types Within Project:  
 Office  Retail  Warehouse  Hotel/ Motel  School  Support Areas  
 Parking Garage  High-Rise Residential  Relocatable  Healthcare Facilities  Other (Write In): Fire Station

**B. PROJECT SCOPE**

Table Instructions: Include any electrical service systems that are within the scope of the permit application.

01	02	03	04	05	06
Electrical Service Designation/Description	Scope of Work <sup>1</sup>	Rating (kVA)	Utility Provided Metering System Exception to §130.5(a) <sup>2</sup>	System subject to CA Elec Code Article 517 Exception to §130.5(a)&(b)	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2, §130.1 and §130.3 and compliance documents NRCC-MCH, NRCC-LTI and NRCC-LTS will indicate when demand response controls are required.
Existing 400A 120/240V 1phase	Add/Alt to feeders and branch circuits only		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

<sup>1</sup>FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c), no other requirements from 130.5 are required.  
<sup>2</sup>Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

**C. COMPLIANCE RESULTS**

Table Instructions: If this table says "DOES NOT COMPLY" refer to Table D, for guidance and review the Table that indicates "No".

01	02	03	04	05
Service Electrical Metering §130.5(a)	AND Separation for Monitoring §130.5(b)	AND Voltage Drop §130.5(c)	AND Controlled Receptacles §130.5(d)	05 Compliance Results
(See Table F)	(See Table G)	(See Table H)	(See Table I)	
AND	AND	Yes	AND	<b>COMPLIES with Exceptional Conditions</b>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA  
**Electrical Power Distribution**  
 NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION  
 CERTIFICATE OF COMPLIANCE NRCC-ELC-E  
 Project Name: Kensington Fire Station Report Page: Page 2 of 4  
 Project Address: 217 Arlington Ave Kensington, CA Date Prepared: 3/31/2022

**D. EXCEPTIONAL CONDITIONS**

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.  
 Table B indicates the project is exempt from §130.5(a) Service Electrical Metering requirements because the utility company has provided the project a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.  
 Table B indicates the project is exempt from §130.5(a) Service Electrical Metering requirements and §130.5(b) Separation of Electrical Circuits requirements because the system is subject to CA Elec Code Article 517.  
 Table H indicates voltage drop calculations will be provided by the contractor.

**E. ADDITIONAL REMARKS**

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.  
 Fire station is an essential services facility.

**F. SERVICE ELECTRICAL METERING**

This Section Does Not Apply

**G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING**

This Section Does Not Apply

**H. VOLTAGE DROP**

Table Instructions: Please complete this table for entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)2Piii.

01	02	03	04	05
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations <sup>1</sup>	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector
Existing 400A 120/240V 1phase	<input checked="" type="checkbox"/> Voltage drop < 5% <input type="checkbox"/> Permitted by CA Elec Code (Exception to §130.5(c)) <sup>2</sup>	Contractor Responsible		Pass Fail
				<input type="checkbox"/> <input type="checkbox"/>

<sup>1</sup>NOTES If "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.  
<sup>2</sup>FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA  
**Electrical Power Distribution**  
 NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION  
 CERTIFICATE OF COMPLIANCE NRCC-ELC-E  
 Project Name: Kensington Fire Station Report Page: Page 3 of 4  
 Project Address: 217 Arlington Ave Kensington, CA Date Prepared: 3/31/2022

**I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES**

This Section Does Not Apply

**J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E, Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at [https://www2.energy.ca.gov/title24/2019standards/2019\\_compliance\\_documents/Nonresidential\\_Documents/NRCC/](https://www2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/)

YES	NO	Form/Title	Field Inspector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-ELC-01-E - Must be submitted for all buildings.	Pass Fail
			<input type="checkbox"/> <input type="checkbox"/>

**K. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**

There are no Certificates of Acceptance applicable to electrical power distribution requirements.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020

STATE OF CALIFORNIA  
**Electrical Power Distribution**  
 NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION  
 CERTIFICATE OF COMPLIANCE NRCC-ELC-E  
 Project Name: Kensington Fire Station Report Page: Page 4 of 4  
 Project Address: 217 Arlington Ave Kensington, CA Date Prepared: 3/31/2022

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Paul Miller Documentation Author Signature: *Paul Miller*  
 Company: The Engineering Enterprise Signature Date: March 31, 2022  
 Address: 1305 Marina Village Parkway CEA/ HERS Certification Identification (if applicable):  
 City/State/Zip: Alameda CA 94501 Phone: (510) 263-1522

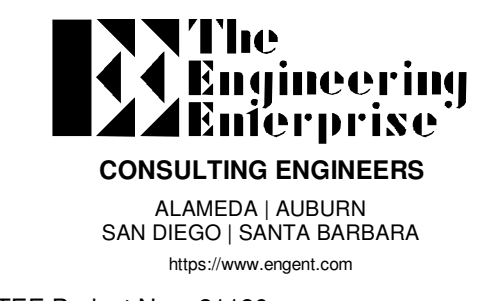
**RESPONSIBLE PERSON'S DECLARATION STATEMENT**

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

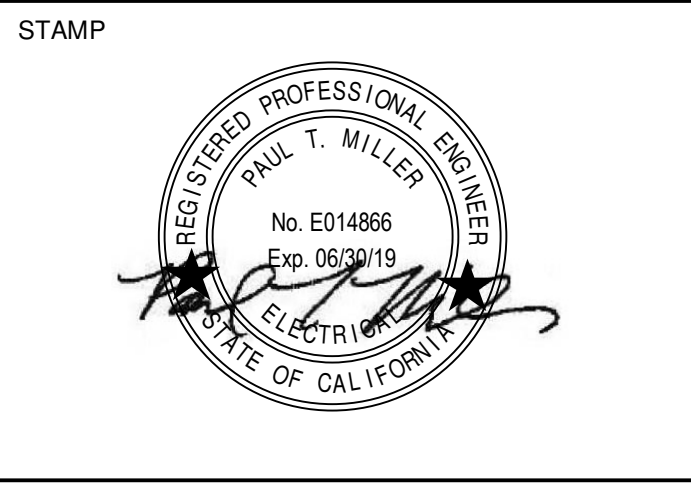
Responsible Designer Name: Paul Miller Responsible Designer Signature: *Paul Miller*  
 Company: The Engineering Enterprise Date Signed: March 31, 2022  
 Address: 1305 Marina Village Parkway License: E14866  
 City/State/Zip: Alameda CA 94501 Phone: (510) 263-1522

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> January 2020



ALAMEDA | AUBURN  
 SAN DIEGO | SANTA BARBARA  
<https://www.engage.com>

TEE Project No.: 21186



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707**

- PROJECT TEAM
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE.  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 878-9064
- ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600
- STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANZ  
 T: (650) 394-8869
- CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200
- GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544
- MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390
- AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140
- ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

NO.	DESCRIPTION	DATE

JOB NO.

DESCRIPTION  
**TITLE 24 FORMS**



**CENTRA COST COUNTY**  
**BUILDING INSPECTION DIVISION**  
 PERMIT NUMBER  
**BCAZ2-2004407**  
 THESE PLANS AND SPECIFICATIONS ARE SUBMITTED TO THE BUILDING DIVISION FOR REVIEW AND APPROVAL TO BE PERFORMED AT ALL TIMES.  
 10-13 am, Aug 05, 2022  
**REVIEWED**  
 APPROVED BY THE COUNTY OF ALAMEDA BUILDING DIVISION AS PART OF THE PERMITTING PROCESS.  
 BY: ROSALINA ACUFF

STATE OF CALIFORNIA Indoor Lighting Certificate of Compliance for Kensington Fire Station. Includes project details, general information, project scope, and compliance results.

STATE OF CALIFORNIA Indoor Lighting Certificate of Compliance for Kensington Fire Station. Includes project details, general information, project scope, and compliance results.

Table showing compliance results for various lighting fixtures and areas, including Total Conditioned Floor Area and Adjusted Lighting Power.

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CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

STATE OF CALIFORNIA Indoor Lighting Certificate of Compliance for Kensington Fire Station. Includes project details, general information, project scope, and compliance results.

STATE OF CALIFORNIA Indoor Lighting Certificate of Compliance for Kensington Fire Station. Includes project details, general information, project scope, and compliance results.

Table for Notes, detailing controls with asterisks and conference information.

Table I: Lighting Power Allowance - Complete Building or Area Category Methods.

Table O: Additional Lighting Allowance - Tailored Very Valuable Merchandise.

Table P: Power Adjustment - Lighting Control Credit (Power Adjustment Factor).

Table Q: Rated Power Reduction Compliance for Alterations.

Table R: 80% Lighting Power for Alterations - Controls Exceptions.

Table S: Daylight Design Power Adjustment Factor.

Table T: Declaration of Required Certificates of Installation.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

STATE OF CALIFORNIA Indoor Lighting Certificate of Compliance for Kensington Fire Station. Includes project details, general information, project scope, and compliance results.

Table showing compliance results for various lighting fixtures and areas, including Total Conditioned Floor Area and Adjusted Lighting Power.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

STATE OF CALIFORNIA Indoor Lighting Certificate of Compliance for Kensington Fire Station. Includes project details, general information, project scope, and compliance results.

Table U: Declaration of Required Certificates of Acceptance.

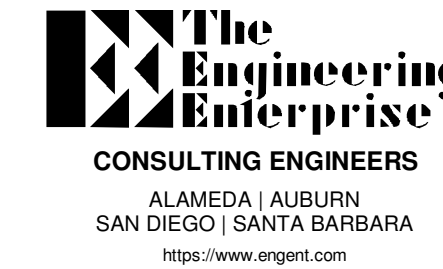
Table showing compliance results for various lighting fixtures and areas, including Total Conditioned Floor Area and Adjusted Lighting Power.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards

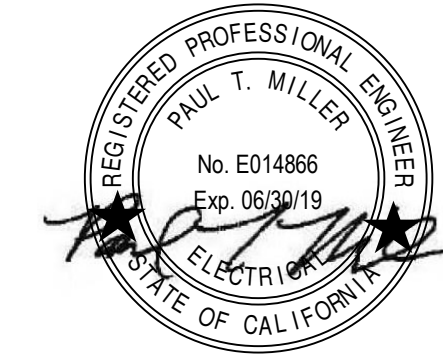
STATE OF CALIFORNIA Indoor Lighting Certificate of Compliance for Kensington Fire Station. Includes project details, general information, project scope, and compliance results.

Documentation and Responsible Person's Declaration sections, including author and designer statements and signatures.

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: http://www.energy.ca.gov/title24/2019standards



STAMP



PROJECT ADDRESS: 217 ARLINGTON AVE. KENSINGTON, CA, 94707

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT, 217 ARLINGTON AVE. KENSINGTON, CA 94707

ARCHITECT: MARJANG ARCHITECTURE, 930 COLE STREET STE 101 SAN FRANCISCO, CA 94117

STRUCTURAL: ZFA STRUCTURAL ENGINEERS, 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070

CIVIL: BKF ENGINEERS, 1646 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596

GEOTECH: HALEY ALDRICH, 1956 WEBSTER ST #300 OAKLAND, CA 94612

MEP: LIST ENGINEERING CO., 2 HARRIS CT STE A7 MONTEREY, CA 95940

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC., 351 8TH STREET SAN FRANCISCO, CA 94103

ESTIMATOR: MICROESTIMATION INC., 850 S. VAN NESS AVE, #26 SAN FRANCISCO, CA 94110

Table with 3 columns: NO., DESCRIPTION, DATE.

JOB NO.

DESCRIPTION: TITLE 24 FORMS

E005

C:\Users\leiland.fried\Documents\Kensington Public Safety Building\_E\_Central\_V21\_Leiland.fried.engnt.rvt

4/11/2022 11:53:12 AM

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
 KENSINGTON, CA, 94707

PROJECT TEAM

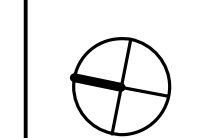
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064
- ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA, 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600
- STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANZ  
 T: (650) 394-8869
- CIVIL: BKF ENGINEERS  
 1646 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200
- GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544
- MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390
- AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140
- ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE, #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

NO.	DESCRIPTION	DATE

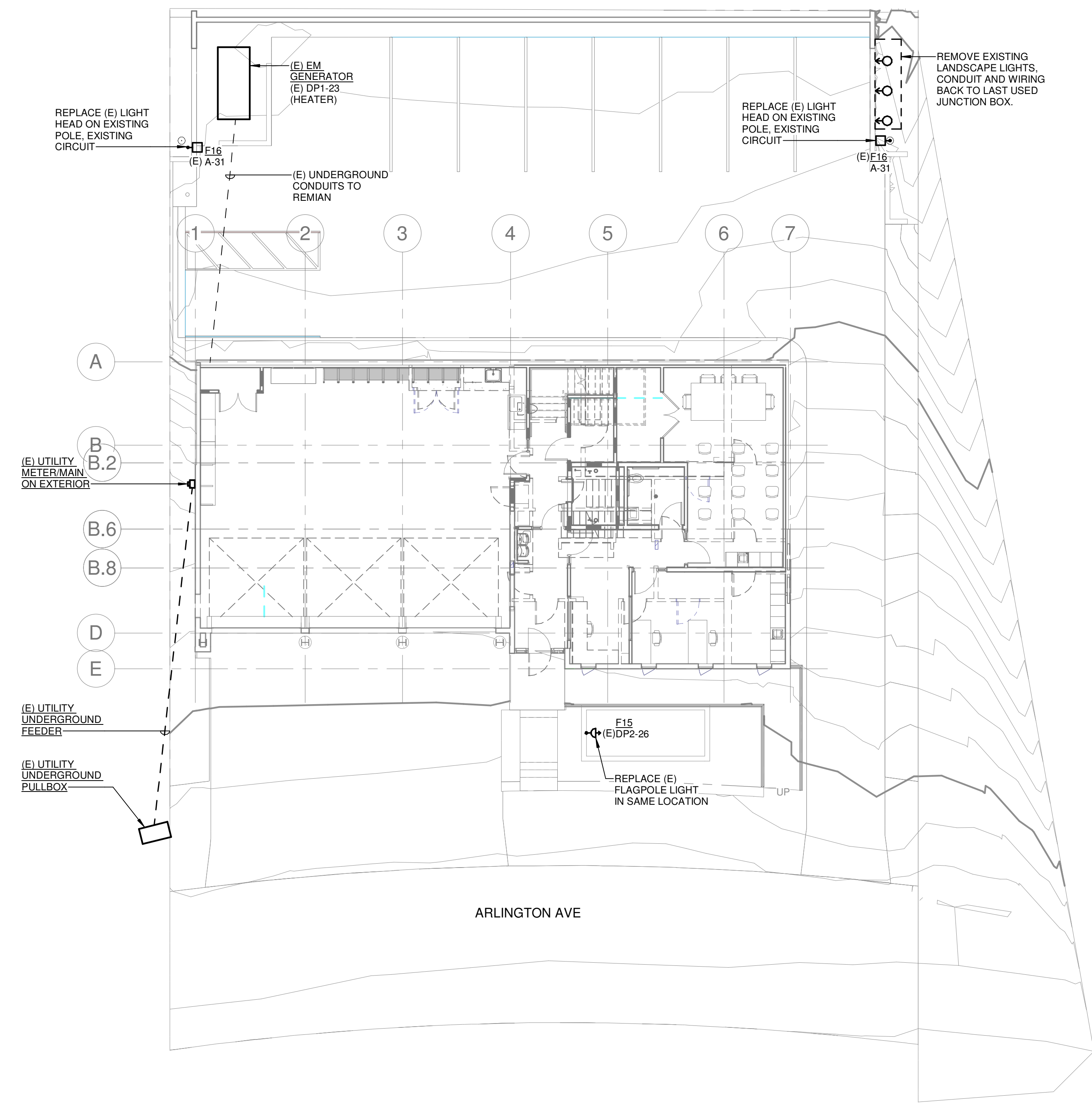
JOB NO.

DESCRIPTION

SITE PLAN



**E101**

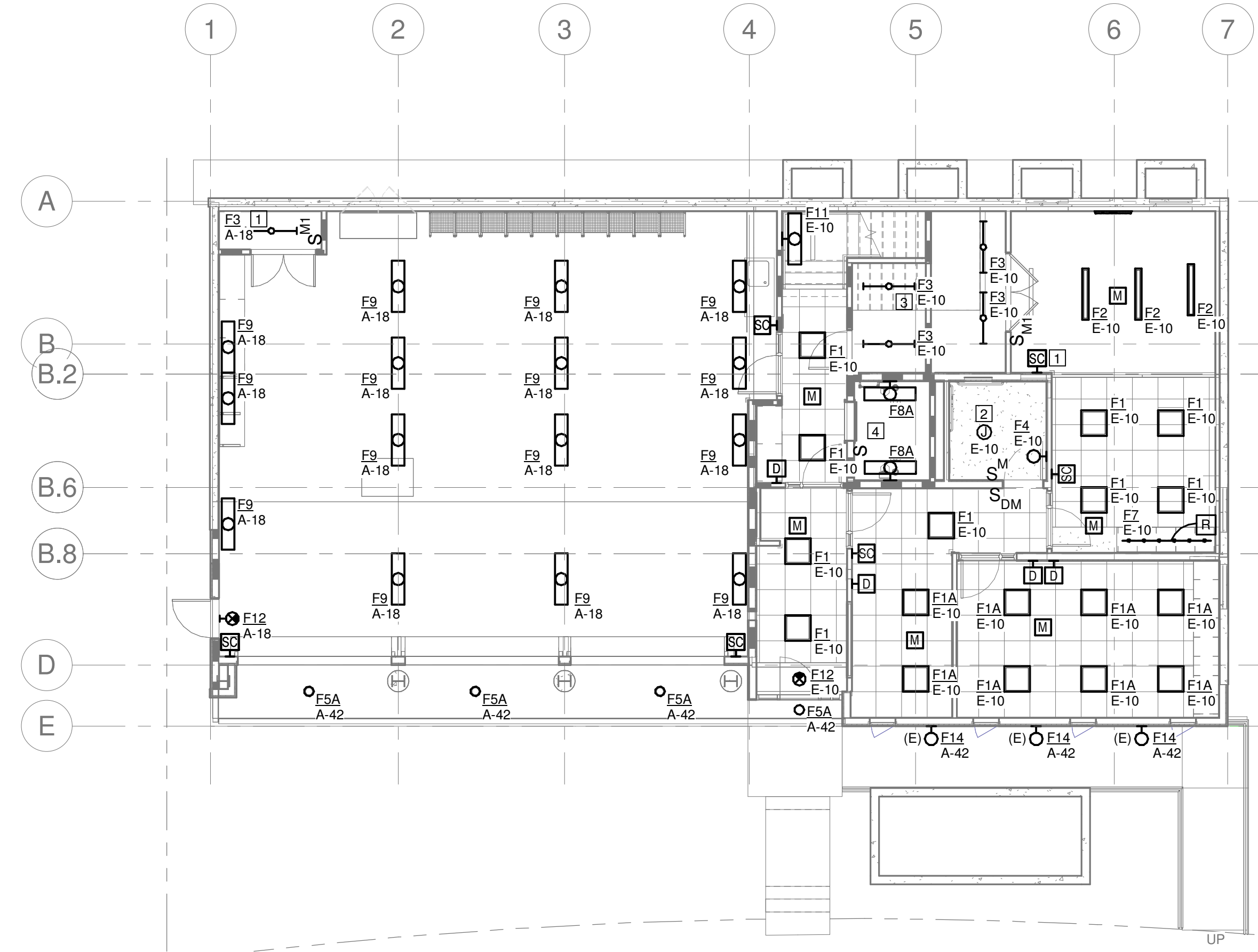


1 **OVERALL SITE PLAN**  
 SCALE: 1" = 10'-0"

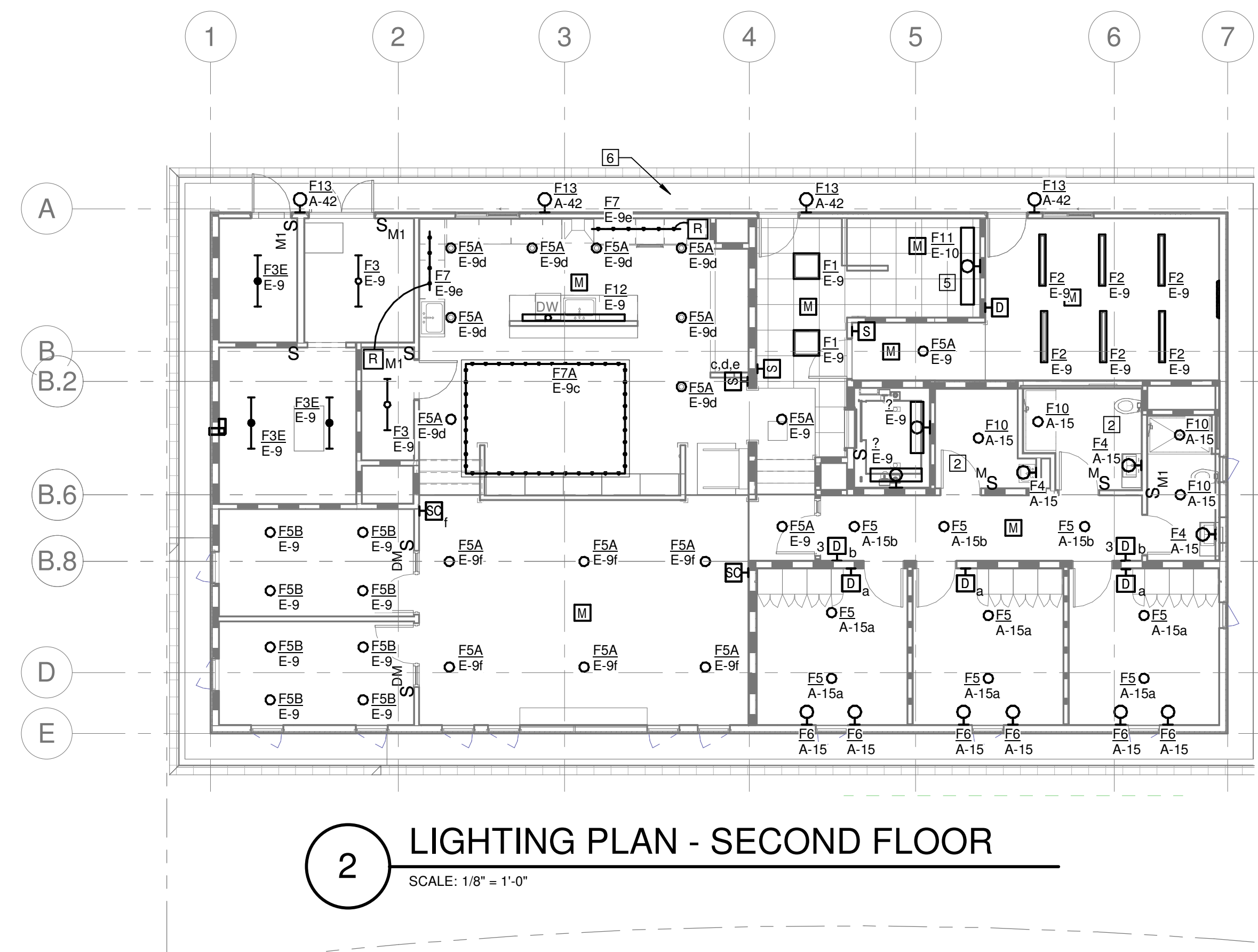
CENTRAL COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
 BICAZ22-004407  
 FOUND PERMITS FILED FOR THIS PROJECT IN THE  
 10:13 am, Aug 05, 2022  
**REVIEWED**  
 I AM A REGISTERED PROFESSIONAL ENGINEER AND I HAVE  
 REVIEWED THIS PROJECT AND CONFIRMED THAT THE  
 BUILDING OFFICIAL  
 BY: ROSALINA ACUFF

### NUMBERED SHEET NOTES

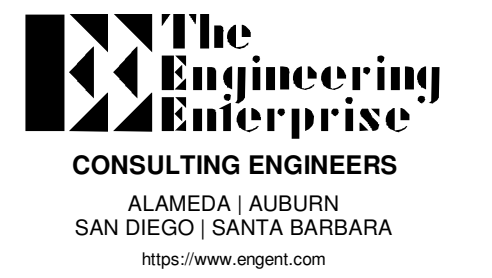
- 1 WALL MOUNT OVER DOOR.
- 2 COMBO FAN/LIGHT.
- 3 MOUNT UNDER STAIRS.
- 4 MOUNT IN PIT.
- 5 WALL MOUNTED ABOVE LANDING.
- 6 REMOVE ALL SOFFIT MOUNTED LIGHTING AND WALL MOUNTED LIGHTS AND PATCH.



**1 LIGHTING PLAN - GROUND FLOOR**  
SCALE: 1/8" = 1'-0"



**2 LIGHTING PLAN - SECOND FLOOR**  
SCALE: 1/8" = 1'-0"



TEE Project No.: 21186

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA, 94707

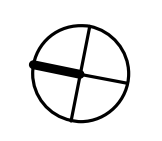
PROJECT TEAM

- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064
- ARCHITECT: MARJIANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600
- STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANZ  
T: (650) 394-8869
- CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200
- GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544
- MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390
- AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140
- ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE. #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE

JOB NO.

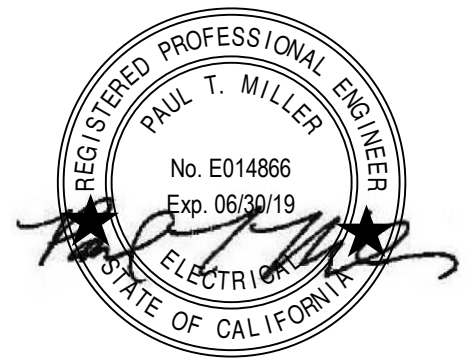
DESCRIPTION  
**LIGHTING PLANS**



**E201**

CENTRAL COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
 BICAZ22-004407  
 THIS PLAN WAS REVIEWED BY THE DIVISION ON AUGUST 5, 2022  
 10:13 AM, AUG 05, 2022  
 REVIEWED  
 THE DIVISION OF BUILDING SAFETY AND CONSTRUCTION OF SANTA CRUZ COUNTY  
 IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THIS PLAN  
 UNLESS OTHERWISE NOTED OTHERWISE.  
 BY: ROSALINA ACURF

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA, 94707

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA, 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANZ  
T: (650) 394-8869

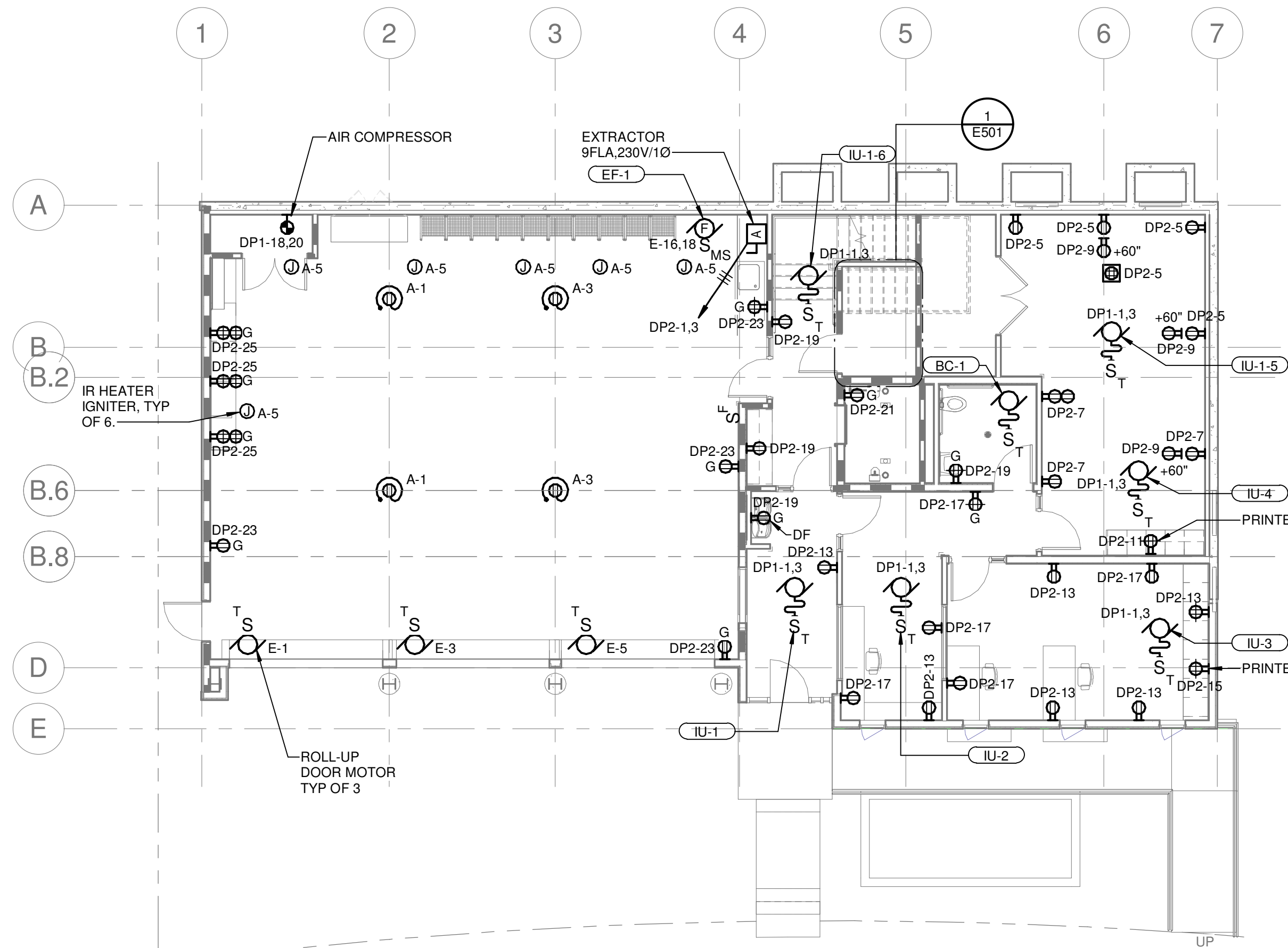
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

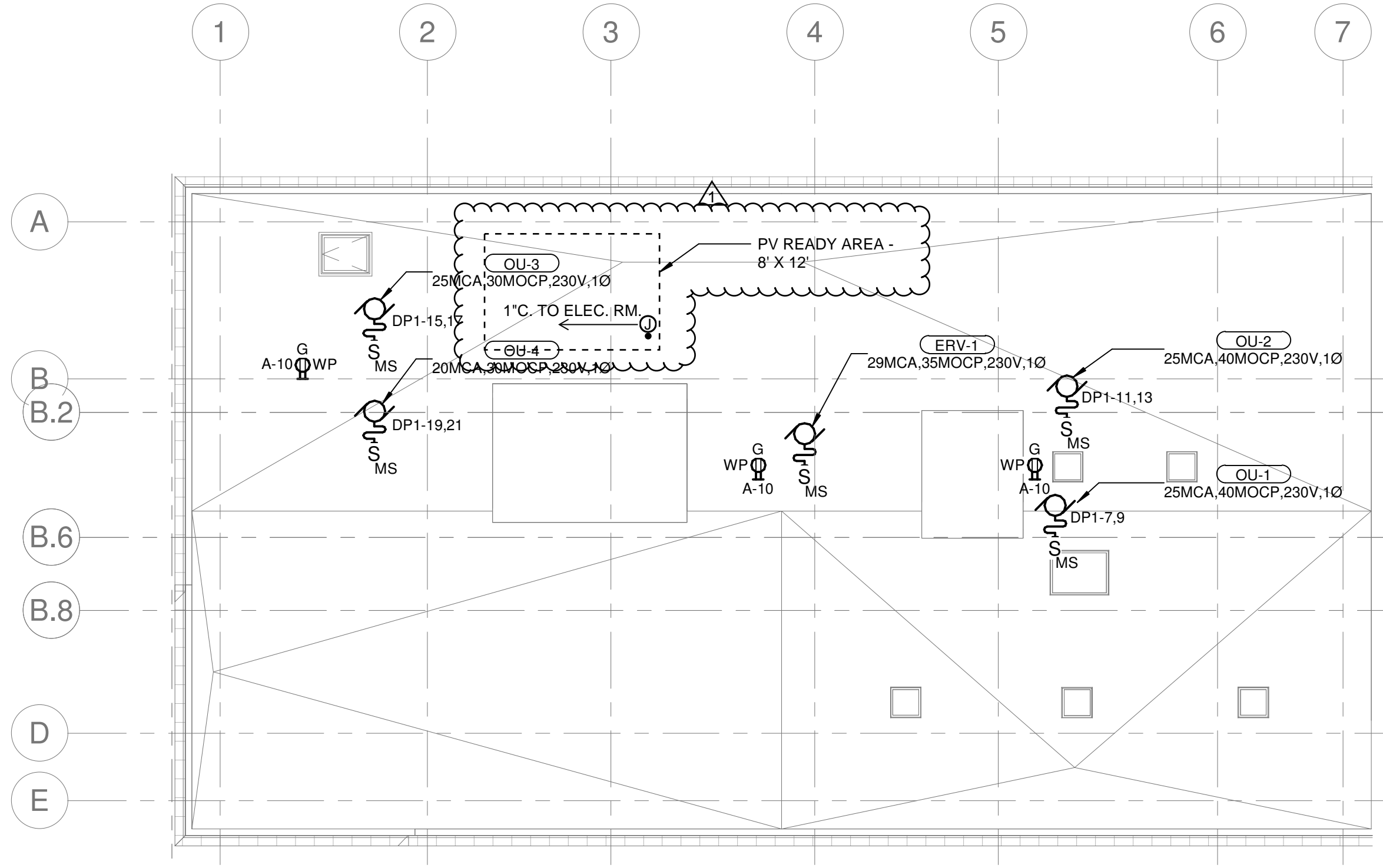
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

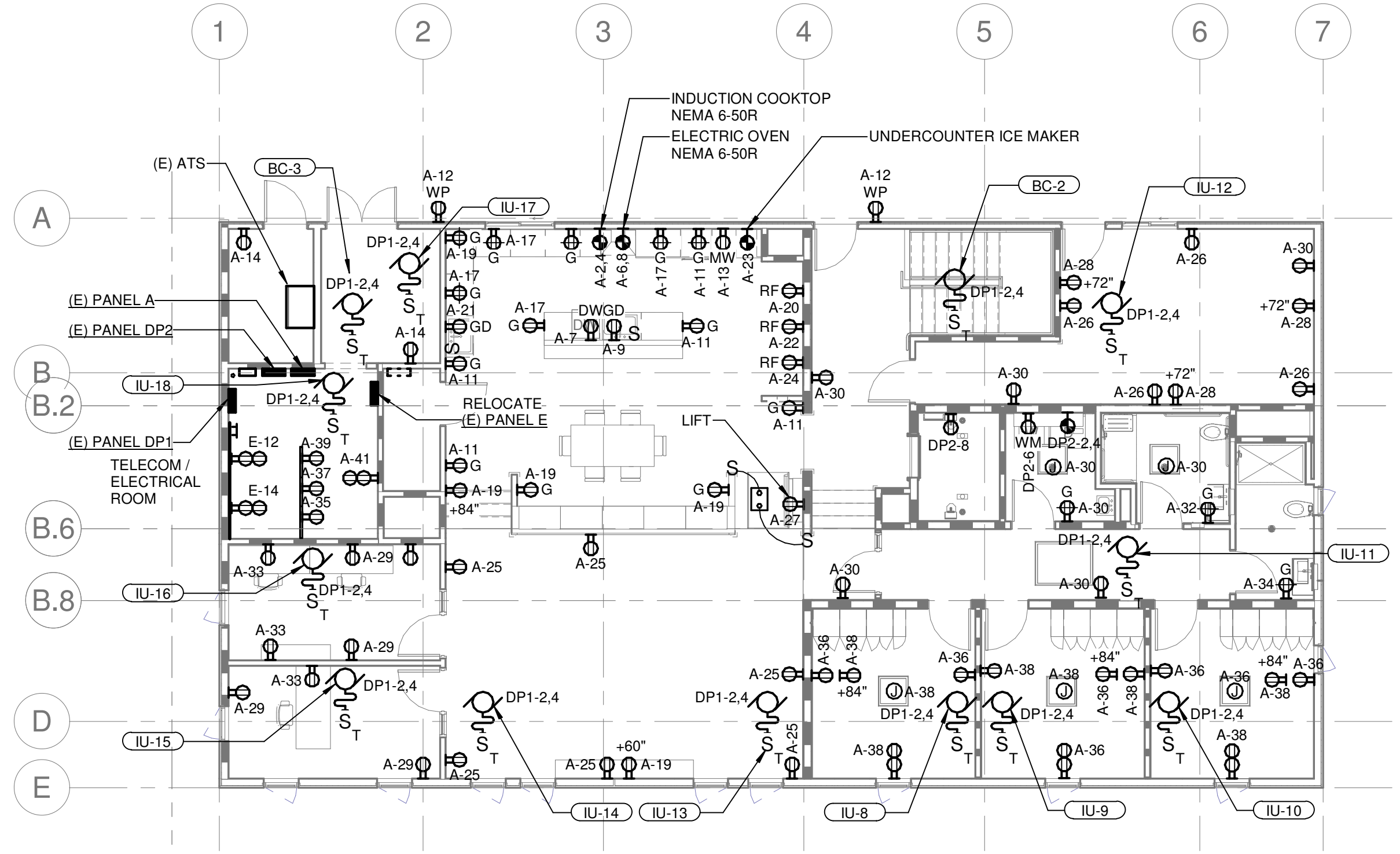
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626



**1 POWER & LOW VOLTAGE PLAN - GROUND FLOOR**  
SCALE: 1/8" = 1'-0"



**3 POWER & LOW VOLTAGE PLAN - ROOF**  
SCALE: 1/8" = 1'-0"



**2 POWER & LOW VOLTAGE PLAN - SECOND FLOOR AND PARTIAL ROOF**  
SCALE: 1/8" = 1'-0"

CENTRAL COSTA COUNTY  
BUILDING INSPECTION DIVISION  
BIC# 22-00107  
10/13 AM, Aug 05, 2022  
REVIEWED  
BY: ROSALINA ACURF

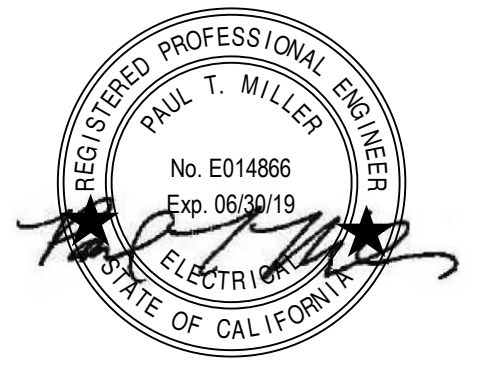
NO.	DESCRIPTION	DATE
1	PLAN CHECK REVISION	07-22-2022

JOB NO.

DESCRIPTION  
**POWER AND LOW VOLTAGE PLANS**

**E301**

STAMP



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA, 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

ARCHITECT: MARJIANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA, 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANZ  
T: (650) 394-8869

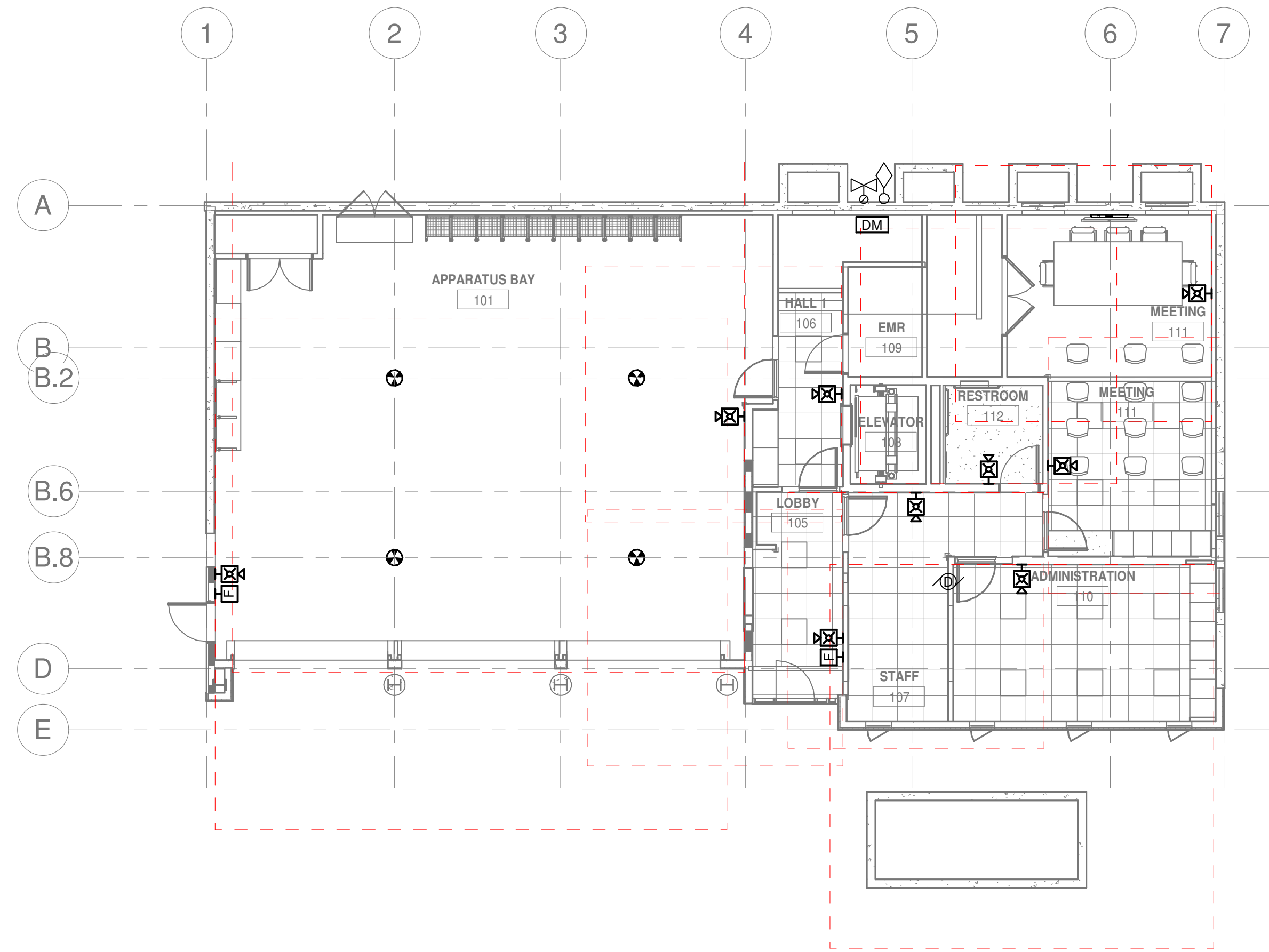
CIVIL: BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

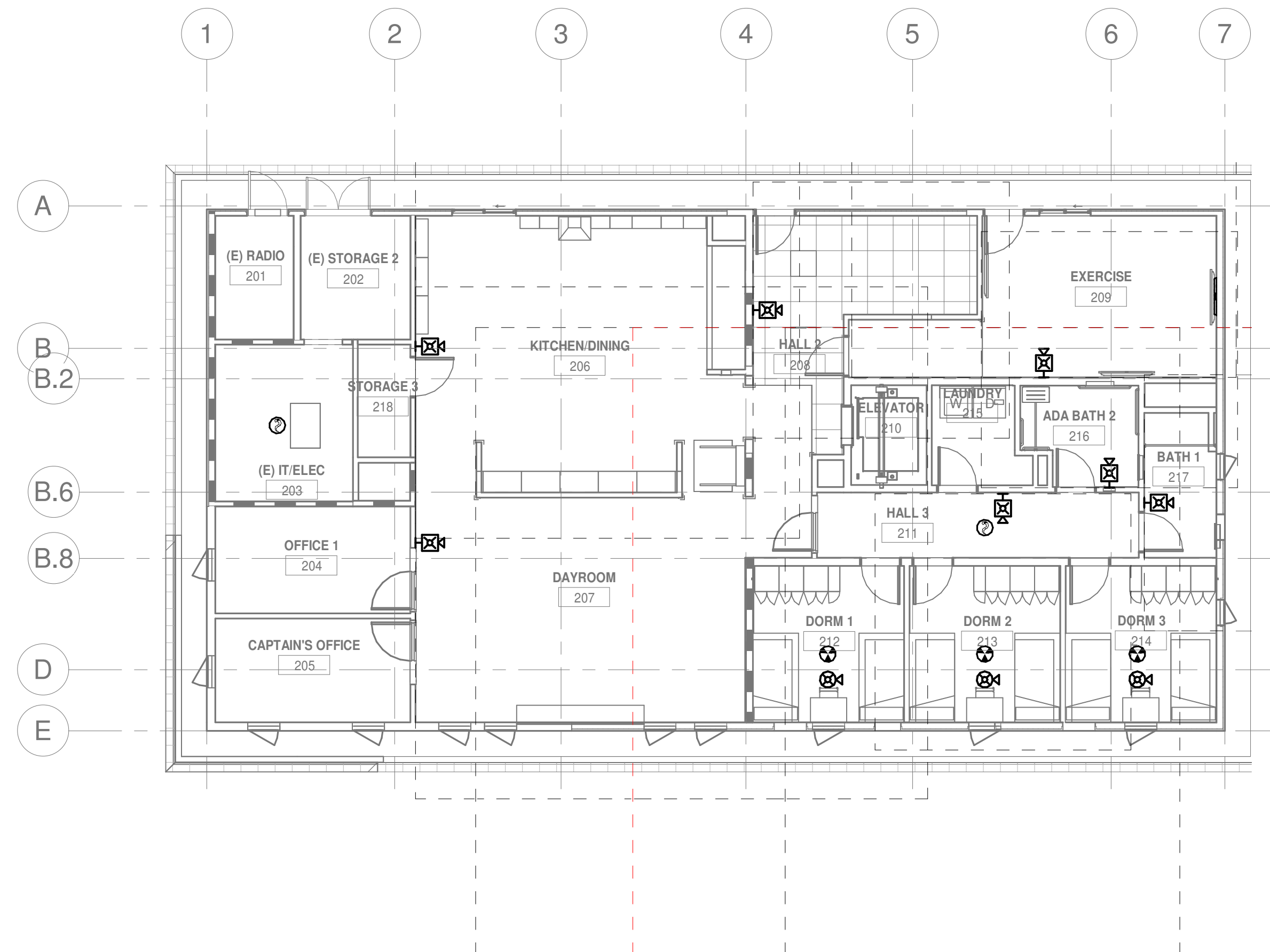
MEP: LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626



**1** 01\_Fire\_RCP  
SCALE: 1/8" = 1'-0"



**2** 02\_Fire\_RCP  
SCALE: 1/8" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
RECEIVED  
10-13 am, Aug 05, 2022  
REVIEWED  
By: ROSALINA ACURF

NO.	DESCRIPTION	DATE

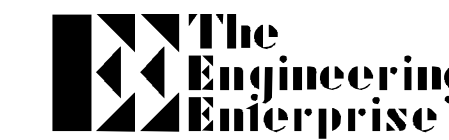
JOB NO.

DESCRIPTION  
**FIRE ALARM PLANS**

**E401**





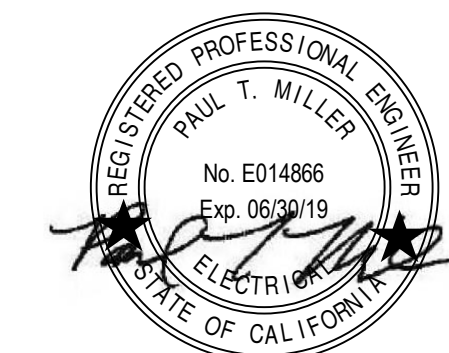


CONSULTING ENGINEERS

ALAMEDA | AUBURN  
SAN DIEGO | SANTA BARBARA  
https://www.engeer.com

TEE Project No.: 21186

STAMP



PROJECT ADDRESS

217 ARLINGTON AVE.  
KENSINGTON, CA, 94707

PROJECT TEAM

**CLIENT:** KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE.  
KENSINGTON, CA 94707  
CONTACT: BILL HANSELL  
T: (415) 378-9064

**ARCHITECT:** MARJIANG ARCHITECTURE  
930 COLE STREET STE 101  
SAN FRANCISCO, CA, 94117  
CONTACT: KAREN MAR  
T: (415) 522-0600

**STRUCTURAL:** ZFA STRUCTURAL ENGINEERS  
1390 EL CAMINO REAL STE 100  
SAN CARLOS, CA 94070  
CONTACT: MATT FRANZ  
T: (650) 394-8869

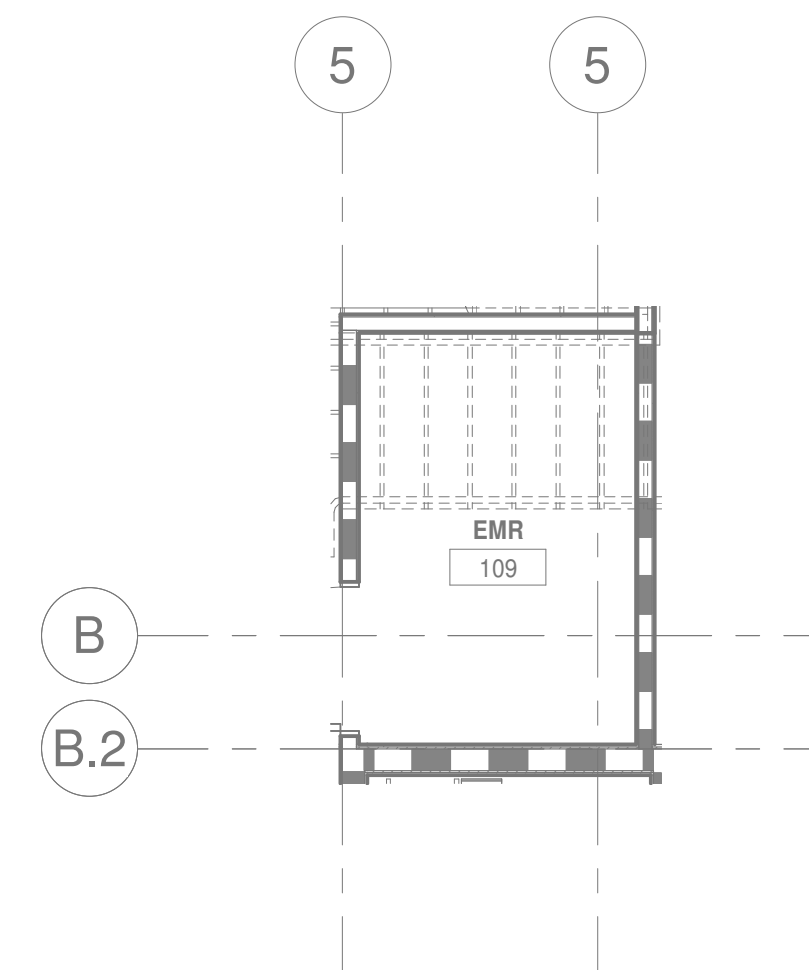
**CIVIL:** BKF ENGINEERS  
1646 N. CALIFORNIA BLVD STE 400  
WALNUT CREEK, CA 94596  
CONTACT: ERIC SWANSON  
T: (925) 940-2200

**GEOTECH:** HALEY ALDRICH  
1956 WEBSTER ST #300  
OAKLAND, CA 94612  
CONTACT: CATHERINE ELLIS  
T: (510) 879-4544

**MEP:** LIST ENGINEERING CO.  
2 HARRIS CT STE A7  
MONTEREY, CA 93940  
CONTACT: RON BLUE  
T: (831) 373-4390

**AUDIO/VISUAL:** SMITH FAUSE MCDONALD INC.  
351 8TH STREET  
SAN FRANCISCO, CA 94103  
CONTACT: PETER MCDONALD  
T: (415) 255-9140

**ESTIMATOR:** MICROESTIMATION INC.  
850 S. VAN NESS AVE. #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626



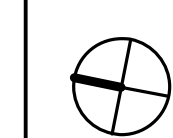
**1** ELEVATOR MACHINE ROOM - GROUND FLOOR

SCALE: 1/4" = 1'-0"

NO.	DESCRIPTION	DATE

JOB NO.

DESCRIPTION  
ENLARGED PLANS  
AND DETAILS



**E501**

**CONTRA COSTA COUNTY**  
**REGISTERED PROFESSIONAL ENGINEER**  
**BICAZZ-004407**  
THIS PLAN WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND I AM AWARE OF THE CONTENTS AND ACCURACY OF THE INFORMATION CONTAINED THEREIN.  
**10-13 am, Aug 05, 2022**  
**REVIEWED**  
FOR COMPLIANCE WITH COUNTY REGULATIONS & CODES. THE STAMPING OF THIS DOCUMENT SHALL NOT BE VALID UNLESS THE SIGNATURE OF THE REGISTERED PROFESSIONAL ENGINEER IS PRESENT.  
ALL WORK SHOWN SHALL BE DONE WITHOUT ALTERATION UNLESS THE DESIGNER HAS BEEN ADVISED AND APPROVED BY THE REGISTERED PROFESSIONAL ENGINEER.  
By: ROSALINA ACUFF

# GENERAL NOTES

## 1. GENERAL REQUIREMENTS

- A. REFER TO THE SPECIFICATIONS FOR COMPLETE REQUIREMENTS.
- LOCATION SHOWN ON THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER LOCATION SHOWN ON THE COMMUNICATIONS SYSTEMS DRAWINGS
- C. DEVICE QUANTITIES SHOWN ON THE FLOOR PLANS AND REFLECTED CEILING PLAN TO TAKE PRECEDENCE OVER THE DEVICE QUANTITY SHOWN ON SINGLE-LINE AND FUNCTIONAL BLOCK DIAGRAMS
- D. QUANTITIES SHOWN ON THE FUNCTIONAL BLOCK DIAGRAMS TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE RACK ELEVATIONS.
- E. QUANTITIES SHOWN IN THE DEVICE SCHEDULES TAKE PRECEDENCE OVER THE QUANTITY SHOWN ON THE SINGLE-LINE DIAGRAMS, FLOOR PLANS AND REFLECTED CEILING PLANS
- F. LOCATION SHOWN ON THE LARGE-SCALE DRAWINGS TAKE PRECEDENCE OVER LOCATION SHOWN ON SMALL-SCALE DRAWINGS.
- G. KEY NOTES APPEARING WITHIN A KEYNOTE FIELD BUT NOT REFERENCED WITHIN A GIVING DRAWING SHALL BE CONSIDERED AS GENERAL NOTES
- H. WHERE AUDIOVISUAL SYSTEMS WIRING IS INDICATED WHERE RACEWAY IS NOT INDICATED, PROVIDE SUCH WIRING SUPPORT ABOVE CEILING VIA J-HOOKS. LOCATE SUCH HOOKS IN LOCATIONS THAT ARE ACCESSIBLE AS DEFINED BY THE CALIFORNIA ELECTRICAL CODE. DOCUMENT LOCATION ON RECORD DRAWINGS.

## 2. COORDINATE

- A. COORDINATE WITH THE WORK OF ALL SECTIONS OF THIS CONTRACT AND WITH ALL SEPARATE CONTRACTS. COORDINATE THE LOCATIONS OF BLOCKING, BACKING AND SUPPORT SYSTEMS REQUIRED. MAKE REASONABLE MINOR MOVES TO PRESERVE ARCHITECTURAL SYMMETRY AND ALIGNMENT WITH NO CLAIM FOR ADDITIONAL COST OR TIME.
- B. PRESENT CONFLICTS TO THE PROJECT MANAGER IN A TIMELY MANNER FOR RESOLUTION
- C. RELOCATION, REVISION OR CORRECTION CAUSED BY THE FAILURE OF THE CONTRACTOR TO COORDINATE THE WORK SHALL NOT BE SUBJECT FOR CLAIM FOR ADDITIONAL COST OR TIME.

## 3. PENETRATIONS

- A. AT PENETRATIONS OF RATED ASSEMBLIES REQUIRING OPENING PROTECTION PROVIDE A THROUGH PENETRATION FIRE STOP THAT HAS AN T AND F RATING AT LEAST EQUAL TO THAT OF THE ASSEMBLY PENETRATED
- REFER TO ARCHITECTURAL PLANS FOR CONSTRUCTION AND RATING OF DEMISING PARTITIONS. WHERE NOT INDICATED, ASSUME ALL INTERIOR WALLS EXTEND TO THE STRUCTURE OF THE FLOOR ABOVE.

## 4. SUPPORT

- A. PROVIDE ALL BLOCKING, BRIDGE, TIES, FASTENERS AND RELATED SUPPORT PROVISIONS FOR COMMUNICATION SYSTEMS WORK. COMPLY WITH APPLICABLE CODE REQUIREMENTS FOR MEANS OF SUPPORT OF ELECTRICAL EQUIPMENT OF THE SAME WEIGHT UNDER THE SAME MOUNTING CONDITIONS.
- B. DO NOT APPLY ANY LOAD TO BUILDING STRUCTURE WITHOUT FIRST OBTAINING WRITTEN APPROVAL OF THE PROJECT MANAGER. OBTAIN PER PROJECT PROCEDURES.

## 5. BOX, PANEL AND ENCLOSURE INSTALLATION

- A. COORDINATION: COORDINATE THE LOCATION OF ALL BOXES, PANELS, ENCLOSURES AND RELATED RACEWAY WITH THE WORK OF ALL SECTIONS IN THIS CONTRACT AND IN ALL SEPARATE CONTRACTS.
- B. ACCESS: VERIFY ACCESS TO BOXES, PANELS AND ENCLOSURES COMPLIES WITH THE APPLICABLE CODE. IN CASE OF APPARENT CONFLICT OR AMBIGUITY, SUBMIT IN A TIMELY MANNER FOR RESOLUTION.
- C. ALIGNMENT: INSTALL BOXES, PANELS, AND ENCLOSURES SQUARE AND PLUM. SET FLUSH MOUNTED UNIT SO THAT THE FACE OF THE COVER, BEZEL OR ESCUTCHEON IS IN THE SAME PLANE AS THE SURROUNDING FINISHED SURFACE. MOUNT BOXES, PANELS AND TRIM SO THAT THERE ARE NO GAPS, CRACKS OR OBVIOUS LINES BETWEEN THE TRIM IN THE ADJACENT FINISHED SURFACE.
- D. TYPE: UNLESS OTHERWISE NOTED PROVIDE STEEL BOXES, PANELS AND ENCLOSURES. COMPLY WITH DIVISION 27 REQUIREMENTS AND APPLICABLE CODE.

- E. SIZE: PROVIDE THE LARGEST OF THE SIZE REQUIRED BY CODE. SIZE REQUIRED BY APPLICABLE STANDARDS FOR TABLE RADIUS OR AS INDICATED ON THE DRAWINGS, WHICHEVER IS LARGER.
  - F. PROVIDE BLANK COVERS OR PLATES AT BOXES AND ENCLOSURES WHERE NO DEVICES ARE INDICATED. MATCH OTHER PLATES IN AREA, EXISTING OR NEW AS APPLIES.
- ## 6. RACEWAY
- PROVIDE RACEWAY TYPE AND QUANTITY AS INDICATED IN WIRING NOTES, PLAN NOTES, PLAN KEYNOTES OR AS OTHERWISE INDICATED. COMPLY WITH THE MOST RESTRICTIVE REQUIREMENTS OF DIVISION 27 FOR WIRING OF THE APPLICABLE CLASS IN THE APPLICABLE LOCATION. IN THE EVENT OF CONFLICT, PROVIDE A LARGER SIZE OR QUANTITY AS APPLIES.
  - A. FOR COMMUNICATION SYSTEMS, UNLESS OTHERWISE NOTED PROVIDE RACEWAY WITH CROSS-SECTIONAL AREA EQUIVALENT TO 1 INCH DIAMETER TRADE SIZE FOR COMMUNICATION STATION CABLING.
  - B. PULL BOXES: PROVIDE AS REQUIRED BY THE MOST RESTRICTIVE OF THE APPLICABLE CODE WITH THE PROVISIONS OF DIVISION 27. COORDINATE WITH WIRING CABLE BEND RADIUS.
- ## 7. GROUNDING AND BONDING
- A. COMPLY WITH ALL APPLICABLE CODES AND SECTION 27 05 26. REFER TO THE CALIFORNIA ELECTRICAL CODE AND RELATED REFERENCES THEREIN COMPLY WITH THE MOST RESTRICTIVE.
  - B. ALL CONDUCTIVE RACEWAY, RUNWAY, TRAY AND RELATED BOXES, PANELS AND ENCLOSURES AND CABINETS AS REQUIRED BY APPLICABLE CODE AND DIVISION 27.

# LEGEND

- SURFACE RACEWAY. FOR COMMUNICATIONS SYSTEM PROVIDED UNDER DIV. 27.
- MARK INDICATES RACEWAY DROP FROM CEILING.
- (E) UNDERGROUND DUCTS WITH NEW FILL. PER SCHEDULE, AND SPECIFICATION SECTION 27 10 00.
- NEW WIRE AND/OR CABLE IN EXPOSED CONDUIT OR RACEWAY. FILL PER SCHEDULE, PLANS AND SPECIFICATION SECTION 27 10 00.
- NEW WIRE AND/OR CABLE INSIDE NEW CONDUIT WALLS OR IN CEILING.
- NEW WIRE AND/OR CABLE IN (N) UNDERGROUND CONDUIT. FILL PER SCHEDULE, PLANS AND SPECIFICATION SECTION 27 10 00.
- CABLE/RACEWAY TURNS UP
- CABLE/RACEWAY TURNS DOWN
- HOME RUN
- CONDUIT TO CABLE TRANSITION POINT
- CABLES W/O CONDUIT ABOVE SUSPENDED CEILING, SUPPORTED BY J-HOOKS AT 4'-0" O.C. INSTALLATION PER SPEC. SECTION 27 05 29.
- WIRING NOTES
- KEYNOTES
- CABLE RUNWAY OR CABLE TRAY. TYPE & SIZE AS INDICATED ON PLANS AND SPECIFICATIONS SECTION 27 05 36.

# GENERAL SYMBOLS

- ROOM KEY  
ROOM NAME  
ROOM NUMBER
- DETAIL SYMBOL  
DRAWING NUMBER  
SHEET NUMBER
- DRAWING NUMBER  
SHEET NUMBER
- COLUMN GRID  
GRID LINES
- BUILDING LABEL
- DRAWING MATCH LINE
- WALL SECTION KEY  
DRAWING NUMBER  
SHEET NUMBER
- ELEVATION KEY  
DRAWING NUMBER  
SHEET NUMBER
- REVISION SYMBOL  
REVISION NUMBER

**Smith, Fause & McDonald Inc.**  
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STAMP

DATE 03/11/2021 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

- PROJECT TEAM
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
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 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
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NO.	DESCRIPTION	DATE
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 GENERAL NOTES, SYMBOLS AND LEGEND

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
**REVIEWED**  
FOR COMPLIANCE WITH COUNTY BUILDING CODES & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PERMIT OR TO BE AN APPROVAL OF THE VIOLATION OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUIF

**TA001**

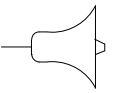
**MATERIAL & EQUIPMENT LEGEND**

1IDP	1" INNERDUCT, PLENUM RATED
2IDP	2" INNERDUCT, PLENUM RATED
C6PP	CATEGORY 6 PATCH PANEL.
FOH-P	FIBER OPTIC CABLE HYBRID, PLENUM RATED
FOH-OPR	FIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATED
FOM-OPR	FIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATED
FOS-OP	FIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER
FOS-OPR	FIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED
FOS-R	FIBER OPTIC CABLE, SINGLE MODE RISER
FPP	FIBER PATCH PANEL
FSC	FIBER SPLICE CLOSURE
FSP	FIBER SPLICE PANEL
FTB	FIBER TERMINAL BOX
IDF	INTERMEDIATE DISTRIBUTION FACILITY
MDF	MAIN DISTRIBUTION FACILITY.
MM	MULTI MODE OPTICAL FIBER
MMP	MULTIMEDIA PLATE
MPOE	MINIMUM POINT OF ENTRY
OSP	OUTSIDE PLANT
SM	SINGLE MODE OPTICAL FIBER
TB15	TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.
T.C.	TELECOMMUNICATIONS CLOSET
T-IDW	TELEPHONE, CABLE, INSIDE DISTRIBUTION WIRE
T-IDW-R	TELEPHONE, CABLE, INSIDE DISTRIBUTION WIRE RISER
T-OPD	TELEPHONE CABLE, OUTSIDE PLANT, DUCTWAY
UTP6-4	UNSHIELDED TWISTED PAIR, CAT. 6
UTP6-4P	UNSHIELDED TWISTED PAIR, CAT. 6 PLENUM
UTP6-4OP	UNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANT
110TBXX	110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRS
110PWTBXX	110 TERMINAL BLOCK, PRE-WIRED W/50 PIN CONNECTOR, XX- NO OF PAIRS

NOTE: SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.

**AV FUNCTIONALS LEGEND**

Loudspeaker type (See Plans and Specifications)



Loudspeaker quantity ← 70V power tap

Loudspeaker reference number

<b>BM</b>	TRANSFORMER BALANCED, LINE INPUT MODULE, PRIORITY MUTE GENERATING
<b>MBI</b>	TRANSFORMER BALANCED, MIC INPUT MODULE, PRIORITY MUTE GENERATING
<b>VBI</b>	TRANSFORMER BALANCED, LINE INPUT MODULE, PRIORITY MUTE RECEIVING, ADJUSTABLE MUTE LEVEL
<b>K</b>	RELAY COIL
<b>VC-R</b>	70 WATT PRIORITY ATTENUATOR, RACK MOUNTED
	PUSH BUTTON SWITCH
	MOMENTARY PUSH BUTTON SWITCH
	SWITCH
	SWITCH
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT

NOTES:  
X — DENOTES SEQUENCE NUMBER

**RR** REPEAT RELAY

	XLR CONNECTOR, 3 PIN, FEMALE; MALE
	XLR CONNECTOR, 4 PIN, FEMALE; MALE
	AUDIO SPEAKER CONNECTOR, FEMALE; MALE
	BNC CONNECTOR, 75 OHMS IMPEDANCE
	DIN CONNECTOR, MIDI STANDARD
	1/4" PHONE CONNECTOR
	TRIPLE FIVE WAY BINDING POSTS
	TYPE "F" CONNECTOR
	RESISTIVE TERMINATION AT CIRCUIT CHARACTERISTIC IMPEDANCE
	WIRING CONTINUES AS INDICATED
	WIRING HOME RUN AS INDICATED
	FLY-ON OR FLY-OFF POINT
	TUBULAR CLAMP BARRIER BLOCK, SWITCH BLOCK SECTION QUANTITY AS REQUIRED BY CIRCUIT
	S-VIDEO CONNECTOR, MALE; FEMALE
	TYPE RCA AUDIO OR VIDEO CONNECTOR, FEMALE; MALE
	SCREW TERMINAL
	TRS MINI STEREO AUDIO CONNECTOR, FEMALE; MALE.

**ABBREVIATIONS**

1SR-1	SINGLE CHAMBER SURFACE RACEWAY
3SR-2.5	THREE CHAMBER SURFACE RACEWAY
A.D.A.	AMERICANS WITH DISABILITIES ACT
ADF	AREA DISTRIBUTION FACILITY
A.F.C.	ABOVE FINISHED CEILING
A.F.F.	ABOVE FINISHED FLOOR
ALT	ALTERNATE
A.M.F.F.	ABOVE MEZZANINE FINISHED FLOOR
BDF	BUILDING DISTRIBUTION FACILITY
B.F.C.	BELOW FINISHED CEILING
BLDG.	BUILDING
B.O.H.	BACK OF HOUSE
C.	CONDUIT
CAT.	CATEGORY
CBC	CALIFORNIA BUILDING CODE
CEC	CALIFORNIA ELECTRICAL CODE
COMM.	COMMUNICATIONS
C.L.	CENTERLINE
C.O.	CONDUIT ONLY
CONT.	CONTINUATION
CS	COMMUNICATIONS SYSTEM
(D)	DEMOLISH EXISTING
DED	DEDUCTIVE
∅, DIA.	DIAMETER
DIV	DIVISION
(E)	EXISTING
EA.	EACH
EIA	ELECTRONIC INDUSTRIES ASSOCIATION
ELEV.	ELEVATION
E.O.L.	END OF LINE
EQPT.	EQUIPMENT
FIN	FINISHED
FUT	FUTURE
H.R.	HOME RUN
HT.	HEIGHT
IDF.	INTERMEDIATE DISTRIBUTION FACILITY
J, JBOX	JUNCTION BOX
LAN	LOCAL AREA NETWORK
MATV	MASTER ANTENNA TELEVISION
MAX.	MAXIMUM
MIN.	MINIMUM
MOD.	MODULAR
MON.	MONUMENT
(N)	NEW
NEC	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.E.	UNIVERSITY FURNISHED EQUIPMENT
OPP.	OPPOSITE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
PNL.	PANEL
PROJ.	PROJECT
P.S.R.H	PROJECT STANDARD RECEPTACLE HEIGHT +18" AFF, U.O.N.
P.S.S.H.	PROJECT STANDARD SWITCH HEIGHT +48" AFF TO $\ominus$ , U.O.N.
RE:	REFER TO
REF.	REFERENCE
SIM.	SIMILAR
SM	SINGLE MODE OPTICAL FIBER
SN	SHEET NOTE
SP	SHIELDED PAIR - SEE SPECIFICATIONS
SPEC	SPECIFICATION
S.R.	SURFACE RACEWAY
STD	STANDARD
STP	SHIELDED TWISTED PAIR
TEL	TELEPHONE
TELCOM	TELECOMMUNICATIONS
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
T-OPD	TELEPHONE CABLE, OUTSIDE PLANT, DUCTWAY
TP	TWISTED PAIR
TR	TELECOMMUNICATIONS ROOM
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
W/	WITH
WP	WEATHERPROOF

SYMBOL	H (INCHES)	W (INCHES)	D (INCHES)
J1	6	6	4
J2	8	8	4
J3	12	12	4
J4	12	12	6
J5	12	12	8
J6	16	12	8
J7	18	18	6
J8	20	16	6
J9	20	16	8
J10	20	20	6
J11	20	20	8
J12	24	20	6
J13	24	20	8
J14	24	24	8
J15	30	24	8
J16	30	30	8
J17	36	30	8


SUFFIX:  
 NONE - NEMA 1                    C - NEMA 4  
 A - NEMA 12                    D - NEMA 4X  
 B - NEMA 3R

EXAMPLE: J16C= 30"H X 30"W X 8"D HINGED NEMA 4 JBOX.

**NOTE 1**  
 ALL JUNCTION BOXES TO BE HINGED TYPE, PROVIDED WITHOUT PRE-PUNCHED KNOCKOUTS. PENETRATIONS IN JUNCTION BOXES SHALL BE CUT OR PUNCHED AS REQUIRED FOR INSTALLATION. PAINT ALL INTERIOR BOXES TO MATCH WALL FINISH. COORDINATE FINISH WITH ARCH. PLANS.

**Smith, Fause & McDonald Inc.**  
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 (415) 255-9140 Fax (415) 255-9180  
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STAMP



DATE 03/11/2021  
**RAY ENRIQUEZ**  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
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MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
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ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE. #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626

NO.	DESCRIPTION	DATE
	ISSUED FOR PERMIT	04/01/2021

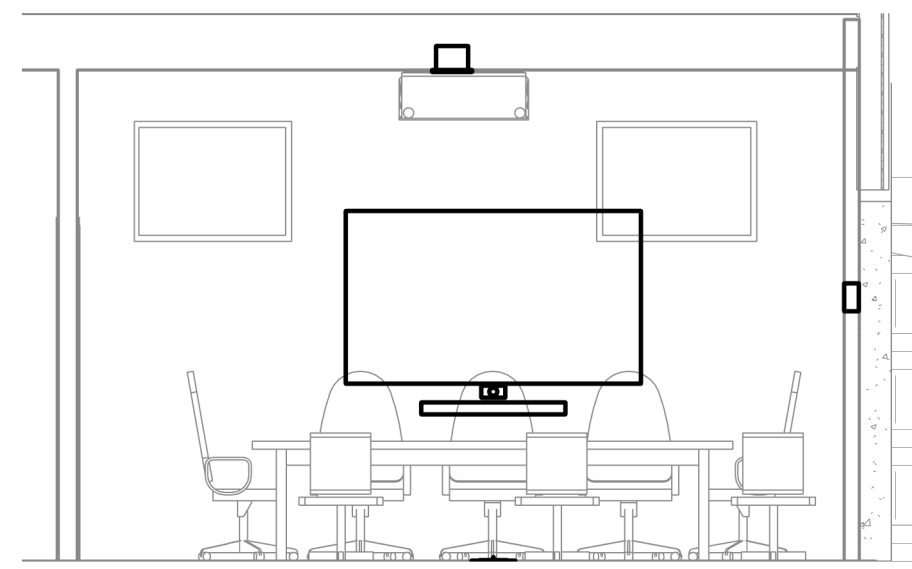
JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 ABBREVIATIONS, LEGEND & JUNCTION BOX SCHEDULE

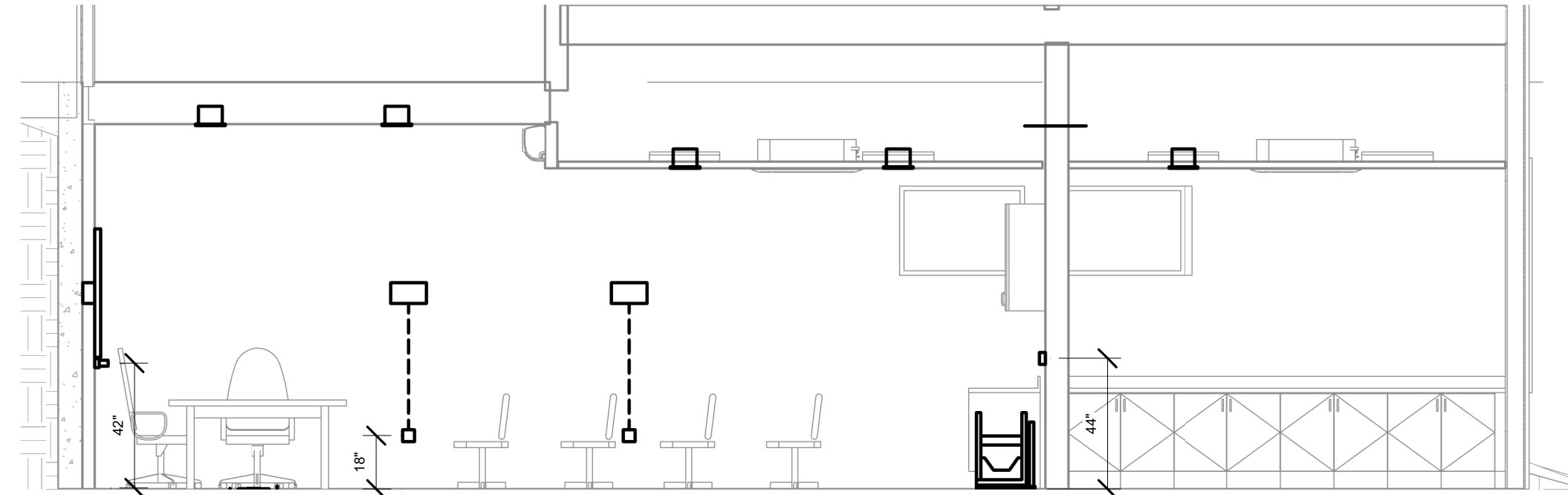
 **TA002**

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
**REVIEWED**  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PREVENT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF





2 MEETING 111 - NORTH ELEVATION  
1/4" = 1'-0"



3 MEETING 111 - EAST ELEVATION  
1/4" = 1'-0"

KEYNOTES	
TKN3015	PROVIDE A 4S BOX WITH 2 GANG RING AND BLANK FACEPLATE FLUSHED IN THE WALL, FOR FUTURE AV CAMERA. STUB 1" C. TO ACCESSIBLE CEILING.
TKN3020	PROVIDE (1) 1.5" C. DOWN TO A 5S BOX WITH 1 GANG RING AND BLANK FACEPLATE. INSTALL 5S BOX AT 18" AFF.

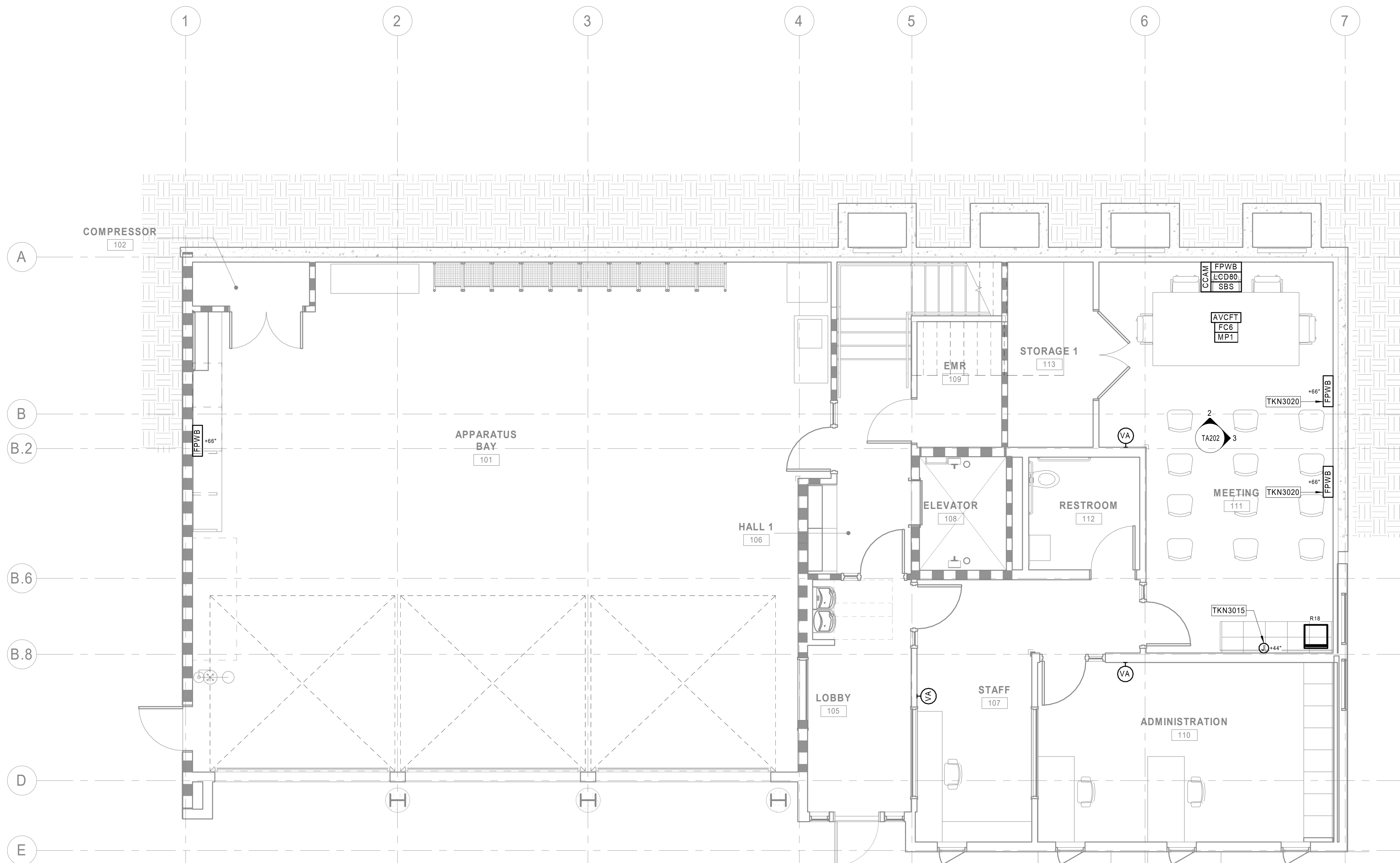
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 REGIS. NO. 106011  
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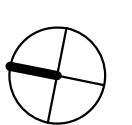
1 AUDIOVISUAL - GROUND FLOOR PLAN  
1/4" = 1'-0"

NO.	DESCRIPTION	DATE
100%	DESIGN DEVELOPMENT	12/17/2021
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
AUDIOVISUAL - GROUND FLOOR PLAN &  
ELEVATIONS

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-00407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO  
 INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
 REVIEWED  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING  
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 BUILDING OFFICIAL.  
 By: ROSALINA ACUFF



**TA202**

STAMP

*Ray Enriquez*  
 DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
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PROJECT TEAM

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STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

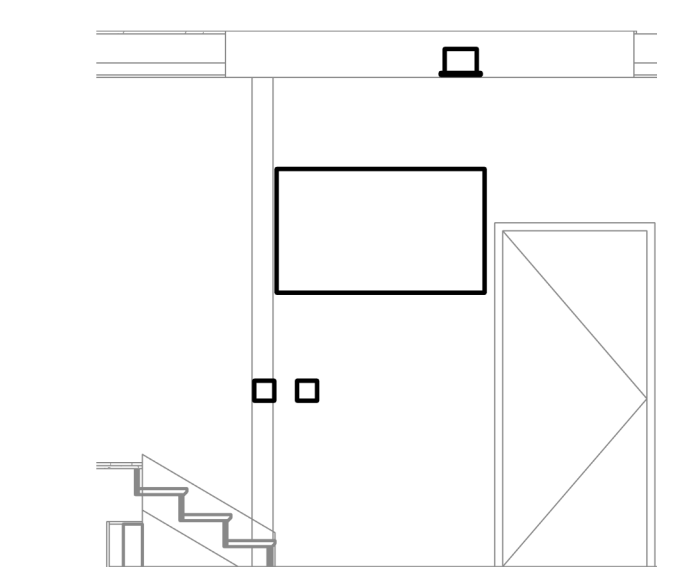
CIVIL: BKF ENGINEERS  
 1648 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200

GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

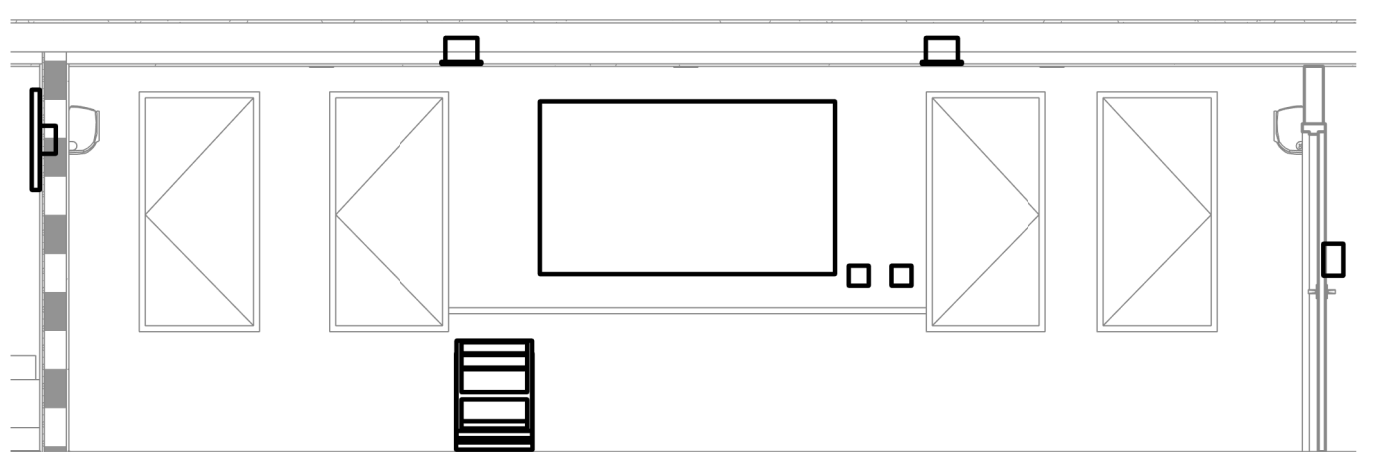
MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390

AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140

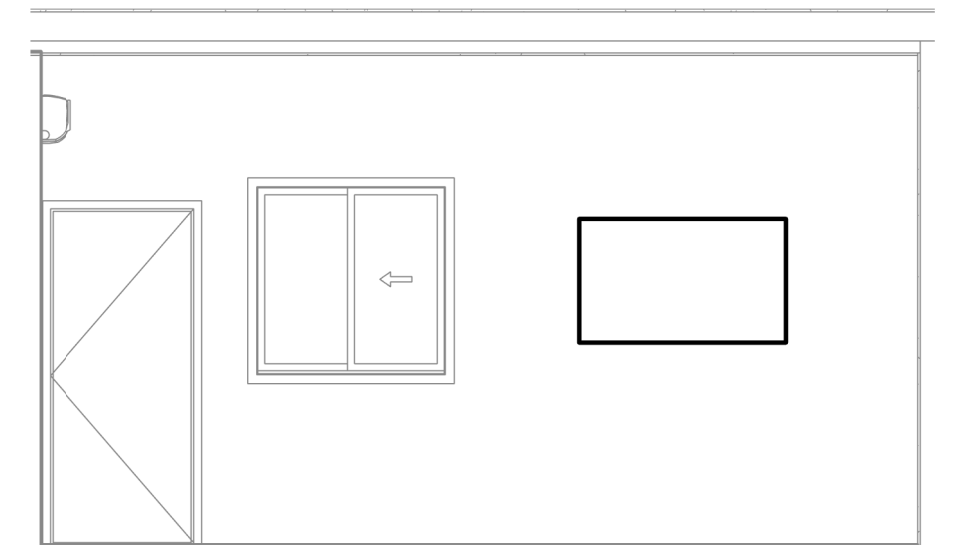
ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626



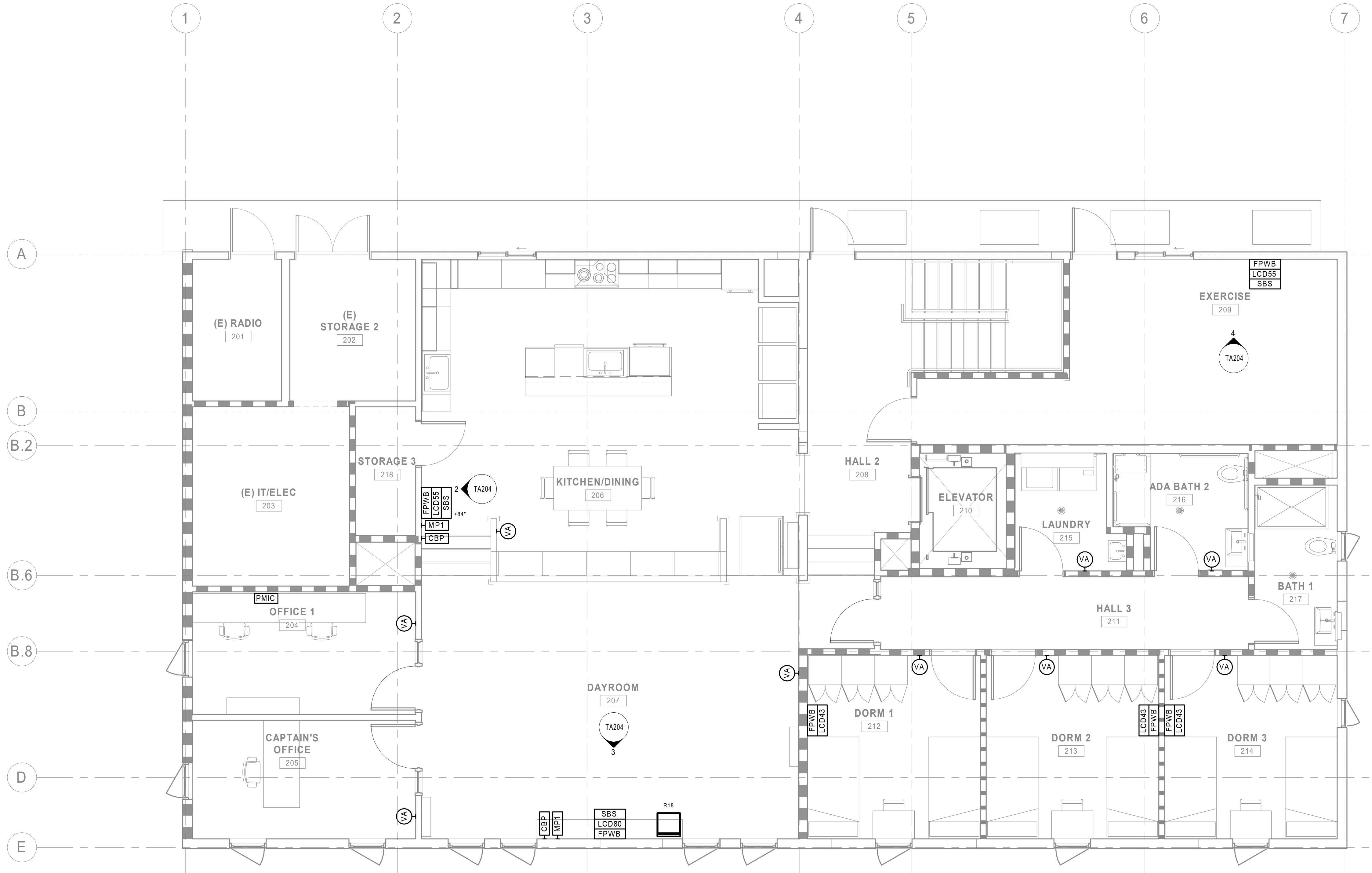
2 KITCHEN/DINING 206 - WEST ELEVATION  
 1/4" = 1'-0"



3 DAYROOM 207 - SOUTH ELEVATION  
 1/4" = 1'-0"



4 EXERCISE 209 - NORTH ELEVATION  
 1/4" = 1'-0"



1 AUDIOVISUAL - SECOND FLOOR PLAN  
 1/4" = 1'-0"

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
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 By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
100%	DESIGN DEVELOPMENT	12/17/2021
	ISSUED FOR PERMIT	04/01/2021


JOB NO. 0000  
 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 AUDIOVISUAL - SECOND FLOOR PLAN

TA204

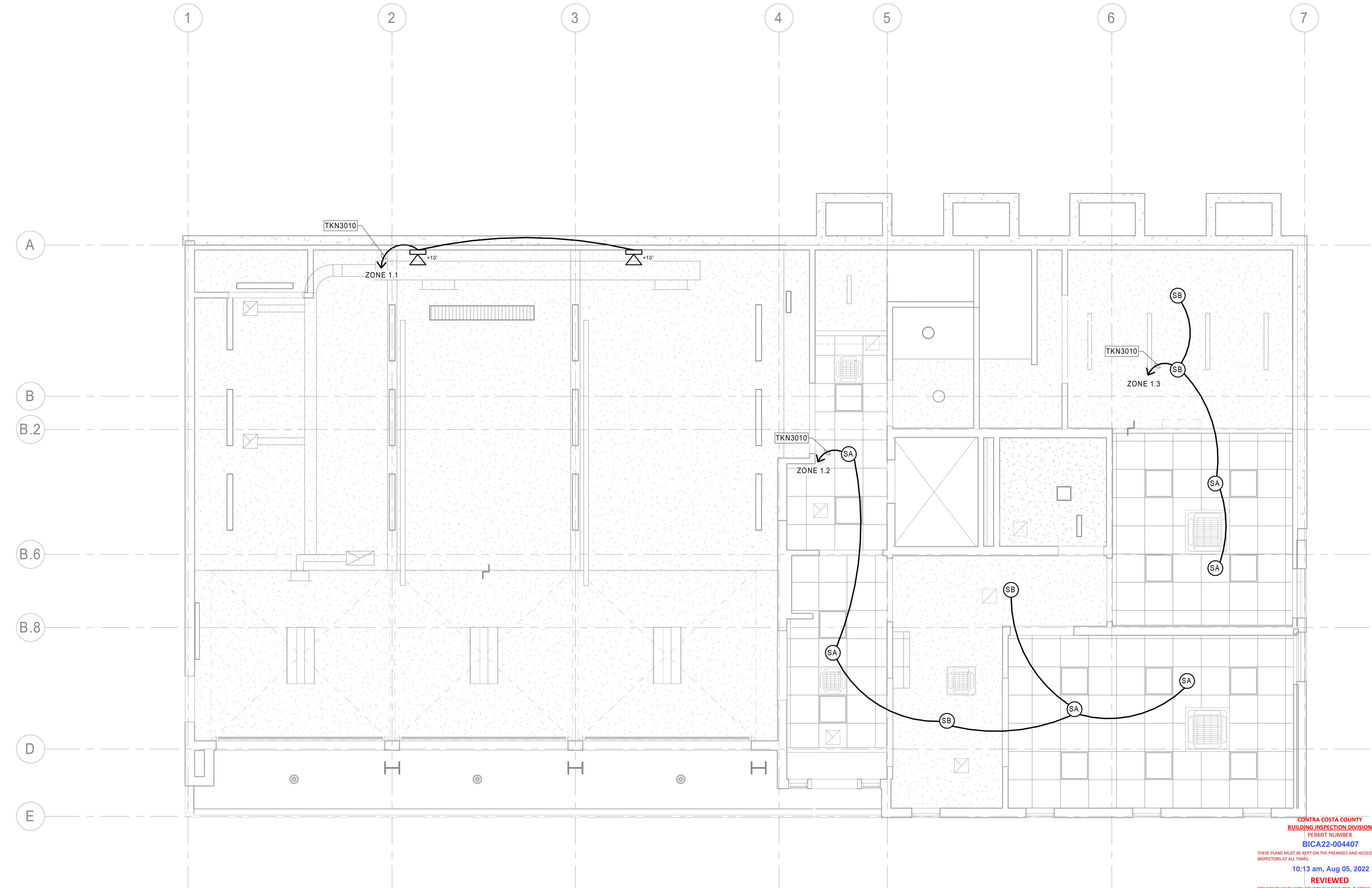
KEYNOTES  
 TKN3010 H.R. 3/4" C. TO RACK IN IT ROOM 203.

**Smith, Fause & McDonald Inc.**  
 351 8th Street, San Francisco, CA 94103  
 (415) 255-9140 Fax (415) 255-9180  
 www.sfmi.com info@sfmi.com

STAMP  
  
 DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

- PROJECT TEAM
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064
  - ARCHITECT: MARJANG ARCHITECTURE  
 830 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600
  - STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869
  - CIVIL: BKF ENGINEERS  
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 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
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  - GEOTECH: HALEY ALDRICH  
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 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544
  - MEP: LIST ENGINEERING CO.  
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 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
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  - AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
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 By: ROSALINA ACUFF

1 AUDIOVISUAL - FIRST FLOOR RCP  
 1/4" = 1'-0"

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 AUDIOVISUAL - FIRST FLOOR RCP

 **TA602**



KEYNOTES  
 TKN3010 H.R. 3/4" C. TO RACK IN IT ROOM 203.

**Smith, Fause & McDonald Inc.**  
 351 8th Street, San Francisco, CA 94103  
 (415) 255-9140 Fax (415) 255-9180  
 www.sfmi.com info@sfmi.com

STAMP

*Ray Enriquez*

DATE: 03/11/2021

RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064

ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600

STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
 CONTACT: MATT FRANTZ  
 T: (650) 394-8869

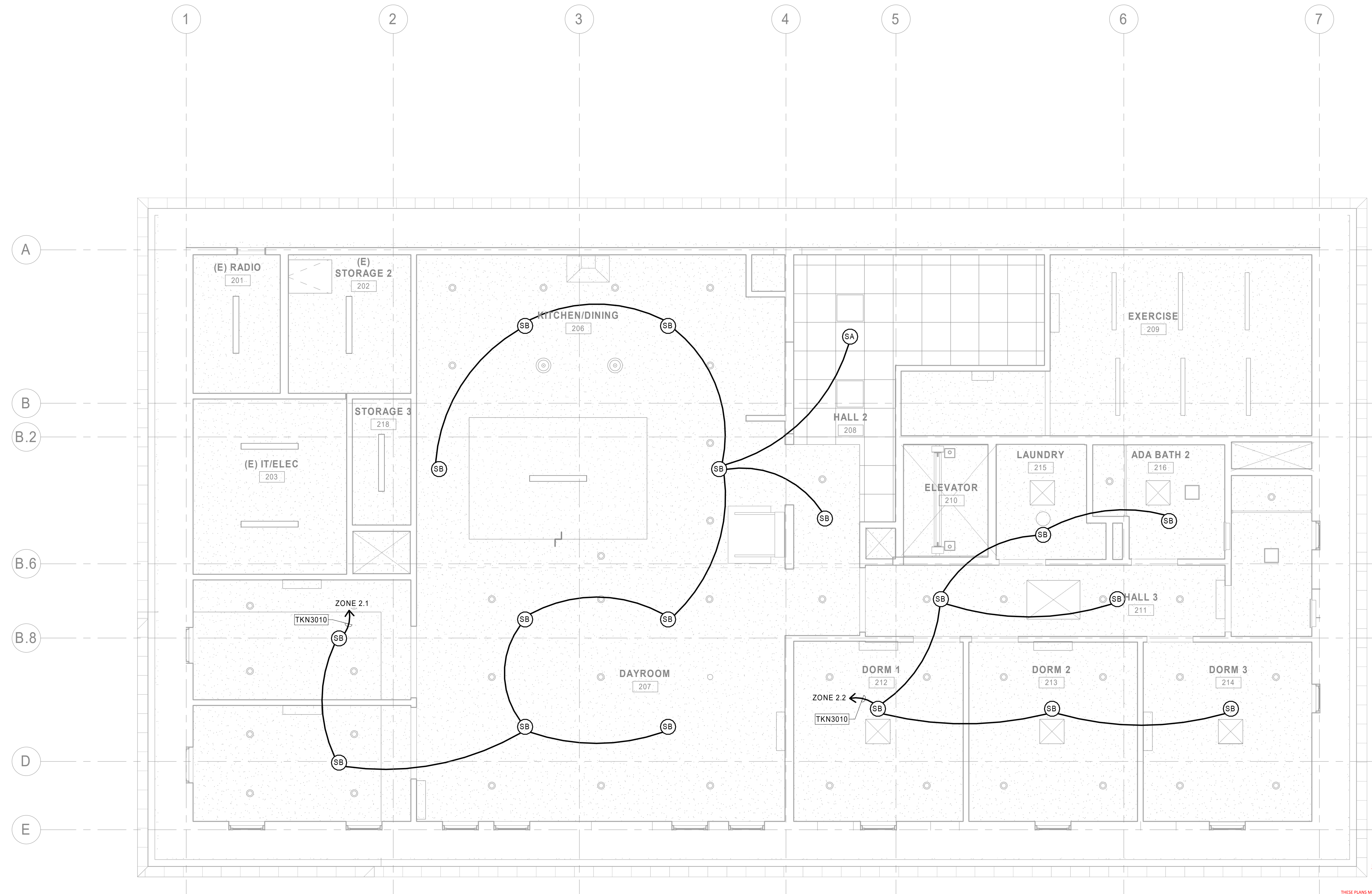
CIVIL: BKF ENGINEERS  
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MEP: LIST ENGINEERING CO.  
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 CONTACT: RON BLUE  
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 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
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ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626



1 AUDIOVISUAL - SECOND FLOOR RCP  
 1/4" = 1'-0"

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**

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10:13 am, Aug 05, 2022

REVIEWED

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By: ROSALINA ACUFF

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 AUDIOVISUAL - SECOND FLOOR RCP

TA604

3/31/2022 4:51:19 PM

C:\Revit User Files\Kensington Fire Station\_Low Voltage\_aligned\_sfmi.rvt



**SHEET NOTES**

- 1 THE PAGING SYSTEM UTILIZES A 70V DISTRIBUTION SYSTEM. REFER TO SPEC. SECTION 27 51 16 FOR OTHER REQUIREMENTS.
- 2 ON RECEIPT OF CLOSURE, WALL MTD VA AND VB ATTENUATORS DROP OUT OF CIRCUIT, PERMITTING UNATTENUATED SIGNAL TO PASS TO SPEAKERS.

**KEYNOTES**

- TN COMMUNICATIONS SYSTEMS COMPLY WITH DIVISION 27.
- TKN1 RACK MOUNTED VOLUME CONTROL. SIZE TO MATCH CONNECTED LOAD.
- TKN2 PROVIDE TOA ZP-001T TELEPHONE ZONE PAGING MODULE TO BE USED TO RECEIVE PAGING INPUT FROM THE VOIP SYSTEM.

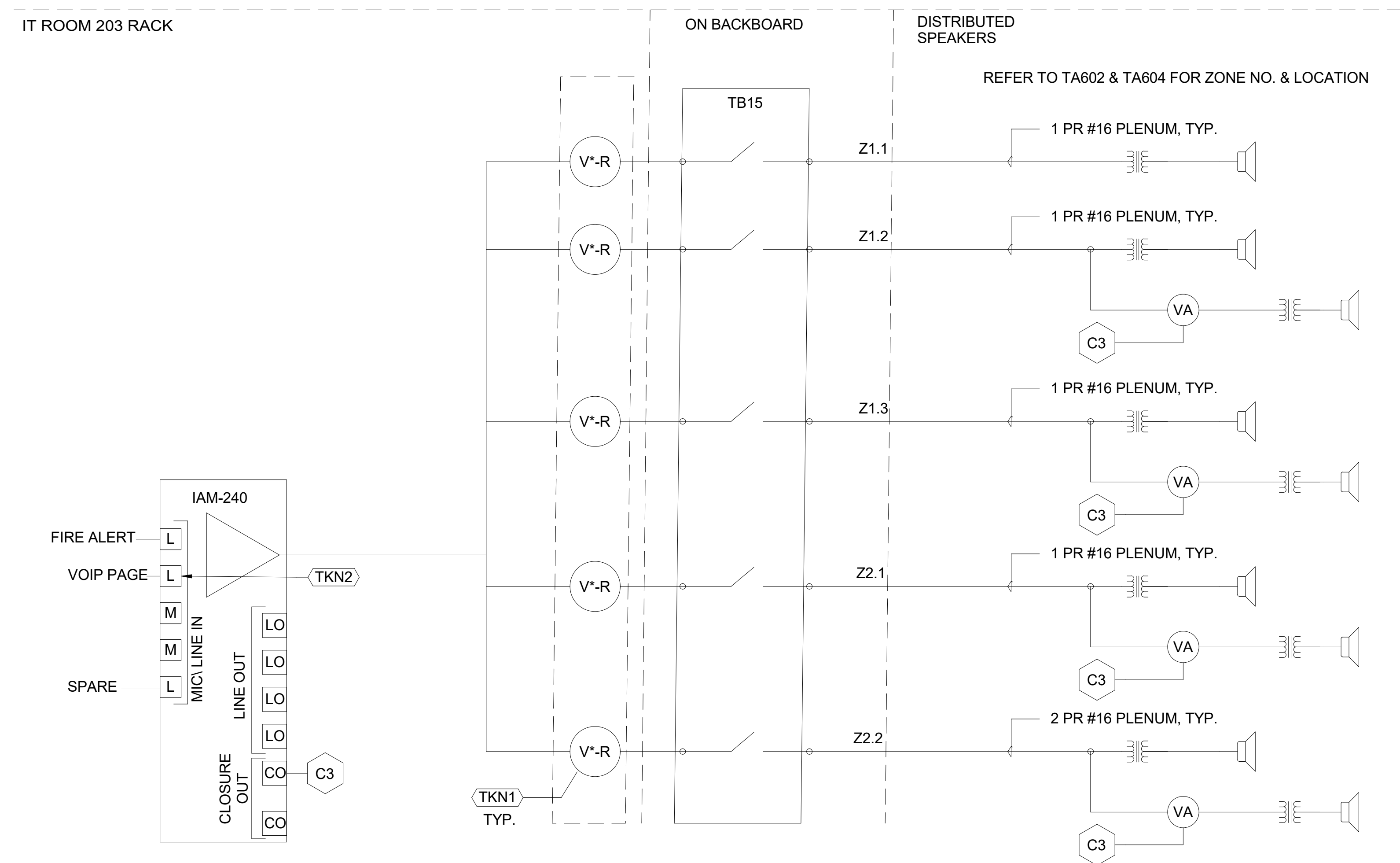
STAMP

DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
 217 ARLINGTON AVE.  
 KENSINGTON, CA 94707

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**1 PUBLIC ADDRESS SINGLE LINE DIAGRAM**  
 NTS


NO.	DESCRIPTION	DATE
100%	DESIGN DEVELOPMENT	12/17/2021
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 PUBLIC ADDRESS SINGLE LINE DIAGRAM

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
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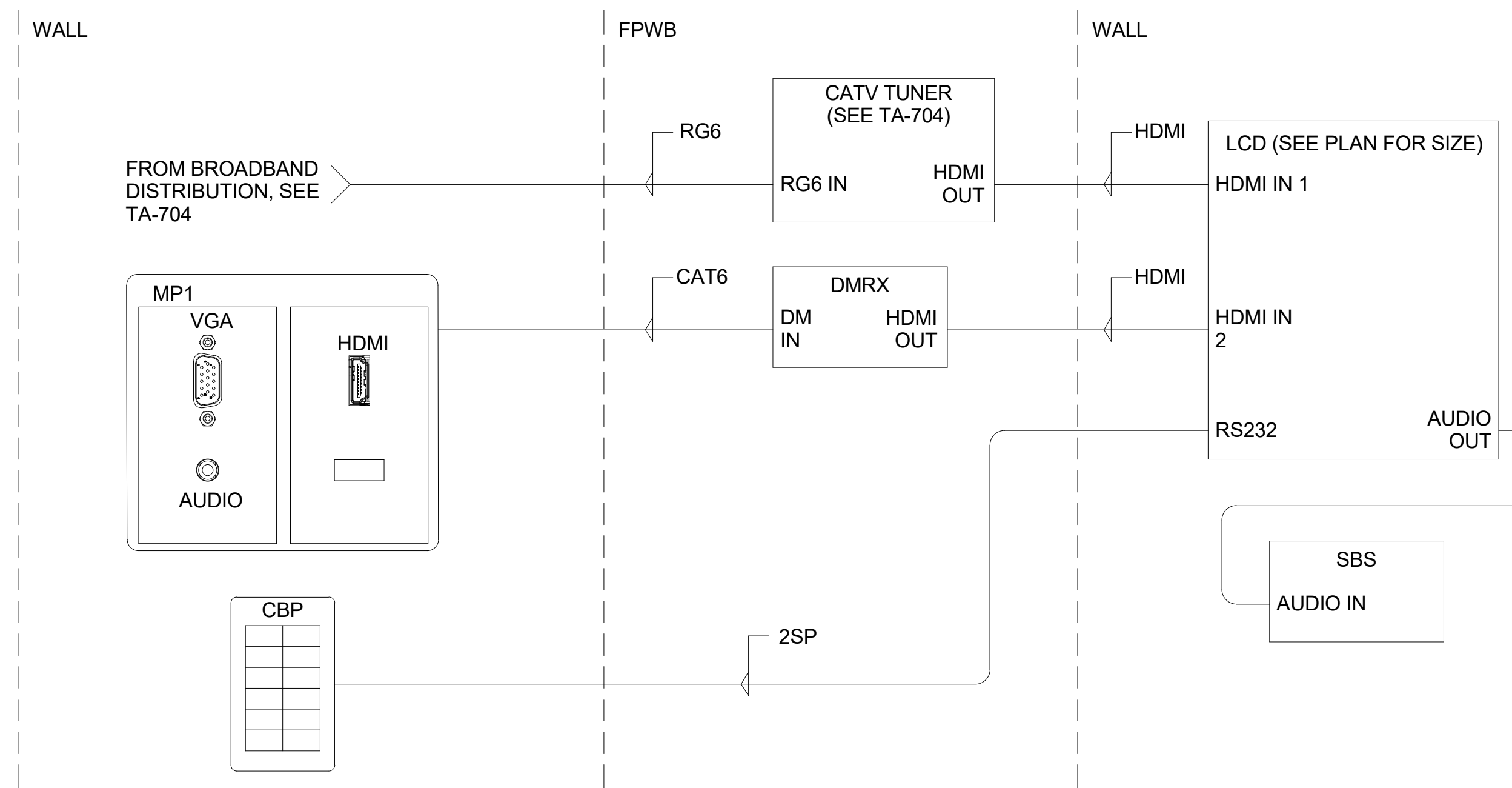
STAMP



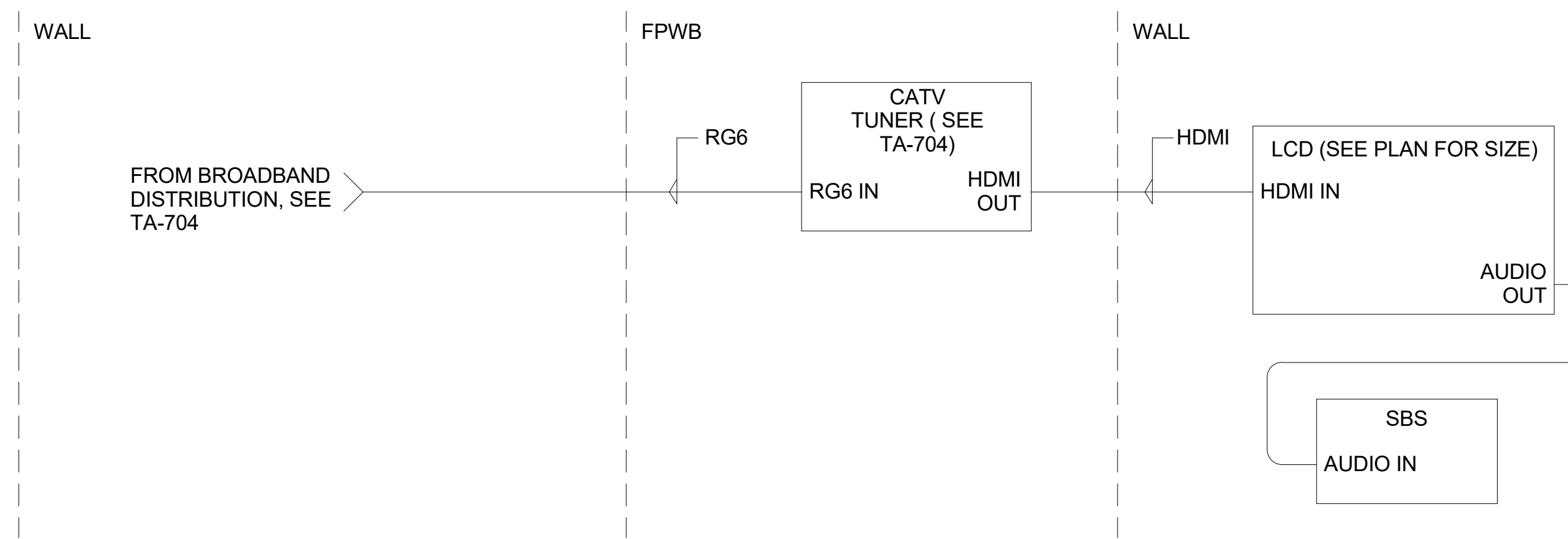
DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

- PROJECT TEAM
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 T: (415) 826-9626



**1 DAYROOM & KITCHEN/DINING  
 AUDIOVISUAL FUNCTIONAL DIAGRAM**  
 NTS



**2 EXERCISE ROOM  
 AUDIOVISUAL FUNCTIONAL DIAGRAM**  
 NTS

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
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NO.	DESCRIPTION	DATE
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 DAYROOM, KITCHEN/DINING & EXERCISE ROOM  
 AV FUNCTIONAL DIAGRAMS

**TA703**

**RG6 LOSS AND EQUALIZATION**

	50 FEET	100 FEET	150 FEET	200 FEET	250 FEET	RANGE
RG6 LOSS AT 55 MHZ	0.94	1.88	2.82	3.76	4.7	3.76
RG6 LOSS AT 450 MHZ	2.14	4.28	6.42	8.56	10.7	8.56
RG6 LOSS AT 750 MHZ	2.81	5.62	8.43	11.24	14.05	11.24
STATION CABLE SLOPE	-1.87	-3.74	-5.61	-7.48	-9.35	7.48
50 FT FEEDER SLOPE	-1.87	-1.87	-1.87	-1.87	-1.87	
BBIDA EQUALIZER SLOPE	6	6	6	6	6	0
BBSP4 OUTPUT PLUS CABLE SLOPE	2.26	0.39	-1.48	-3.35	-5.22	
TILT EQUALIZER	0	0	0	3	6	6
RECEPTACLE TILT AT 750 MHZ	2.26	0.39	-1.48	-0.35	0.78	3.74

**SHEET NOTE**

1 WHERE CABLING IN PLENUM VOID IS NOT INSTALLED IN CONDUIT, PROVIDE PLENUM RATED CABLING.

**KEYNOTES**

- TKN AUDIO VISUAL SYSTEMS: COMPLY WITH DIVISION 27.
- TKN1 REFER TO 'TV' PLATES ON PLANS FOR EXACT LOCATIONS AND QUANTITY.
- TKN2 PROVIDE TYPE RG6 TRIPLE SHIELD CABLE HOME RUN FROM EACH MATV DEVICE.
- TKN3 TERMINATE ALL UNUSED PORTS.
- TKN4 BOND BROADBAND PASSIVES TO GROUND.
- TKN5 PROVIDE TYPE RG11 TRIPLE SHIELD CABLE.
- TKN6 CONNECT DEVICES WITH CABLE LENGTH IN APPROXIMATE RANGE OF 200 TO 275 FEET.
- TKN7 CONNECT DEVICES WITH CABLE LENGTH IN APPROXIMATE RANGE OF 150 TO 200 FEET.
- TKN8 CONNECT DEVICES WITH CABLE LENGTH IN APPROXIMATE RANGE OF 100 TO 150 FEET.
- TKN9 CONNECT DEVICES WITH CABLE LENGTH IN APPROXIMATE RANGE OF 50 TO 100 FEET.

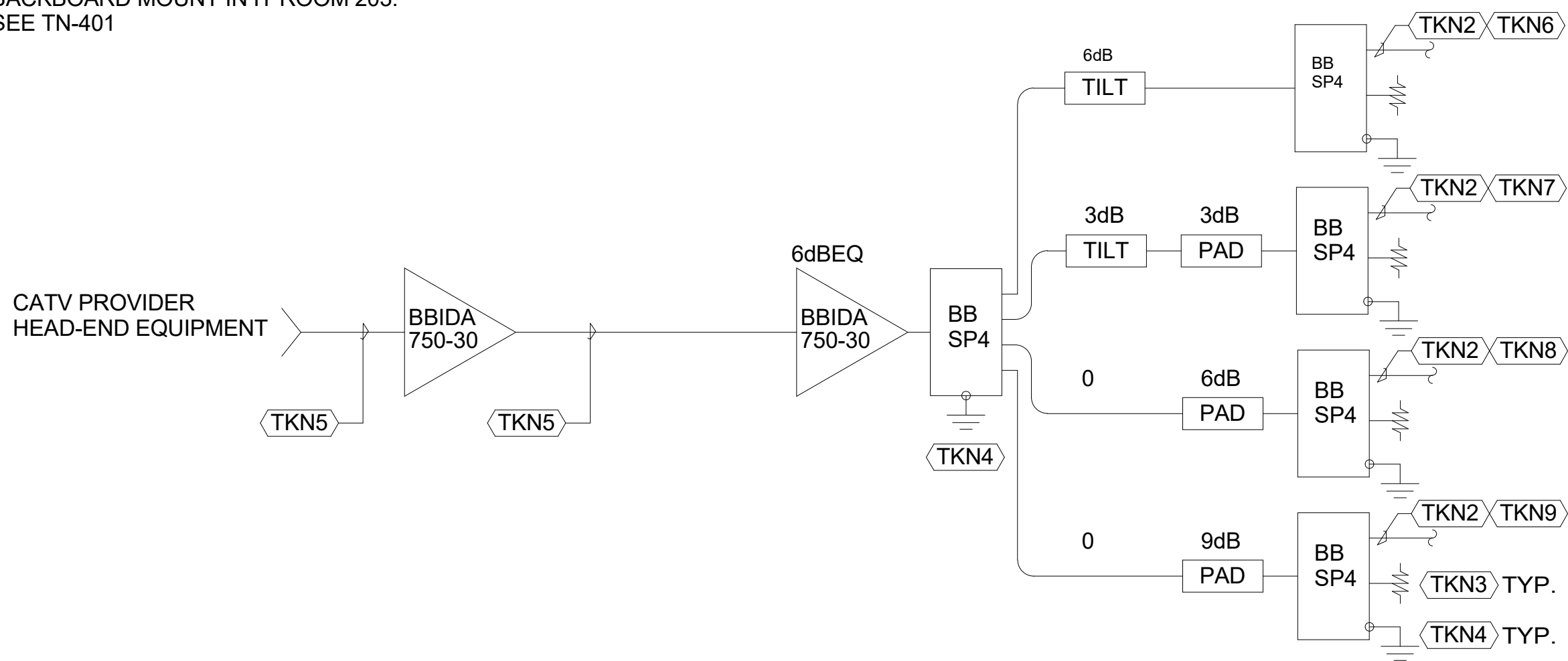
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 KENSINGTON, CA 94707**

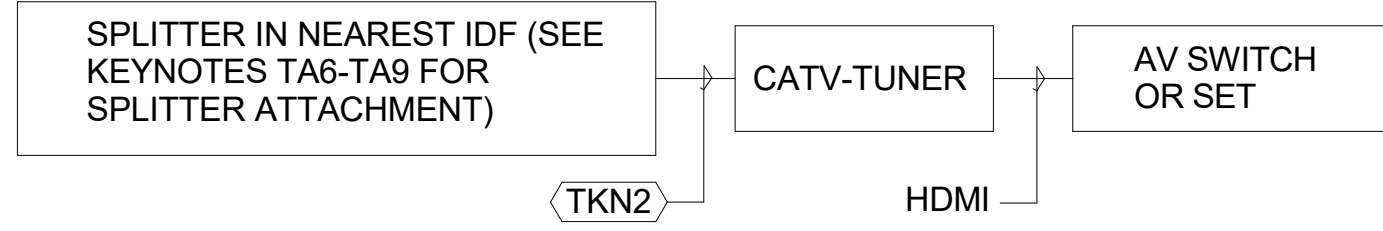
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BACKBOARD MOUNT IN IT ROOM 203.  
 SEE TN-401



TYP. AT SET LOCATIONS:

- MEETING ROOM 111
- KITCHEN/DINING ROOM 206
- DAYROOM 207
- EXERCISE ROOM 209
- DORM 1 ROOM 212
- DORM 2 ROOM 213
- DORM 1 ROOM 214



**1 CATV SYSTEM DISTRIBUTION SINGLE LINE DIAGRAM**  
 NTS

NO.	DESCRIPTION	DATE
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 CATV & DBS SYSTEMS DISTRIBUTION SINGLE LINE DIAGRAMS

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
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 By: ROSALINA ACUFF

TA704

REV	DESCRIPTION	REV BY	REV DATE	APPD BY	DATE APP.
-	PRODUCTION RELEASE	JJP	04/18/22	JJP	03/08/22
A	EC 041703-02	LM	04/17/22	JJP	04/18/22
B	EC 111502-01	LM	12/04/22	JJP	12/04/22
C	SEE EC 021003-02	RBM	02/11/23	JJP	02/12/23
D	SEE EC 052003-01	RBM	05/08/23	JJP	05/20/23
E	SEE EC 071003-03	BKW	08/01/23	JJP	08/07/23
F	SEE EC 103003-01	NC	10/30/23	BKW	10/30/23
G	SEE EC 033004-05	BKW	06/04/24	RE	07/20/24
H	SEE EC 111904-01	RBM	11/19/24	JJP	11/24/24
J	SEE EC 101805-05	RBM	10/13/25	JJP	10/31/25

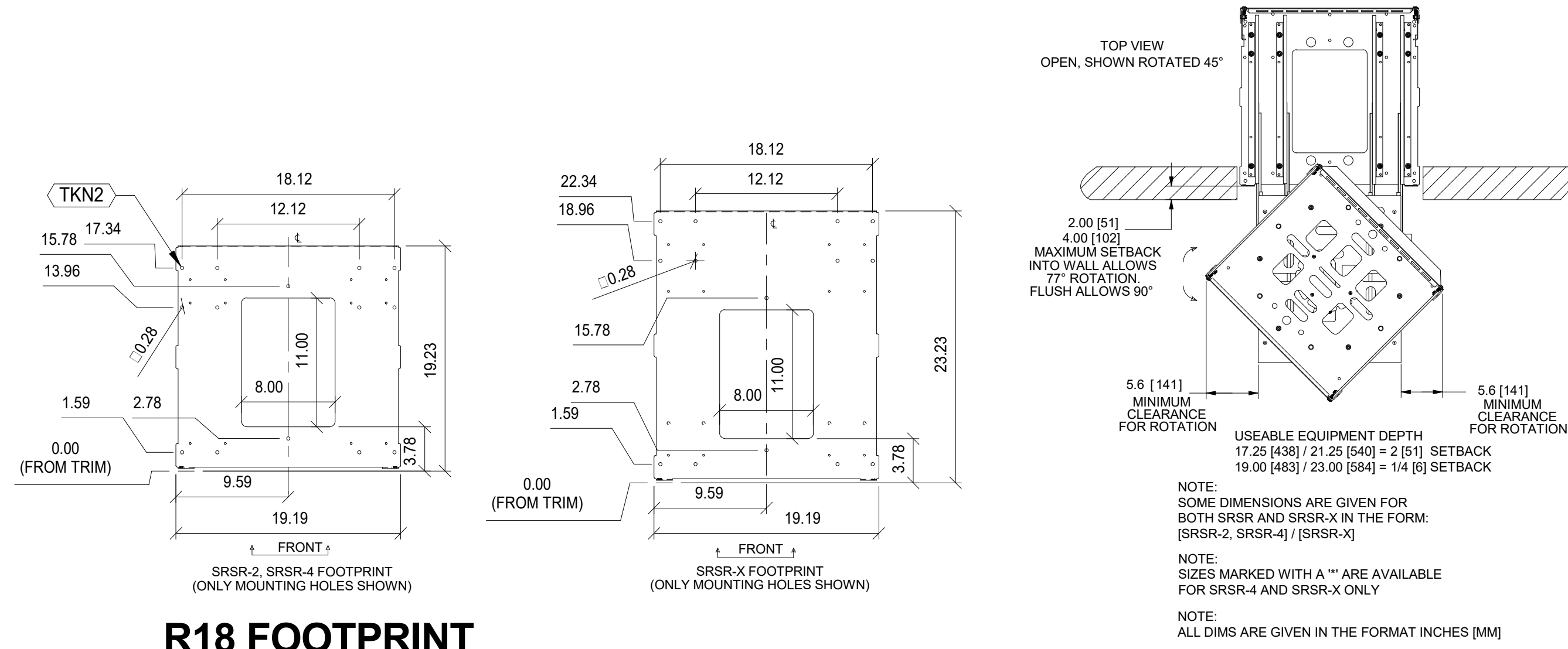
USEABLE RACKSPACES	FINISH HEIGHT OPENING
12	23.95 [608]
13	25.70 [653]
14	27.45 [697]
15	29.20 [742]
16	30.95 [786]
17	32.70 [831]
18	34.45 [875]
19	36.20 [920]
20	37.95 [964]
21	39.70 [1008]
22	41.45 [1053]
23	43.20 [1097]
24	44.95 [1142]
25*	46.70 [1186]
26*	48.45 [1231]
27*	50.20 [1275]
28*	51.95 [1320]
29*	53.70 [1364]
30*	55.45 [1408]

### KEYNOTES

- AKN ARCHITECTURAL: DIVISIONS 3 THROUGH 14.
- AKN1 FINISHED FLOOR, SEE ARCHITECTURAL DRAWINGS.
- AKN2 FINISHED WALL, SEE ARCHITECTURAL DRAWINGS.
- AKN3 NOT USED.
- AKN4 ARCHITECTURAL WOODWORK ELEMENT SHOWN AT THIS VIEW WITHOUT DOOR FOR CLARITY.
- AKN5 UNDER WORK OF SECTION 06400 ARCHITECTURAL WOODWORK, PROVIDE OPENINGS IN CASEWORK TO COORDINATE WITH AUDIO VISUAL TERMINAL CABINET, POWER RECEPTACLE, AND TELECOMMUNICATIONS RECEPTACLE TO ALLOW WIRING TO PASS TO THE INTERIOR OF THE CASEWORK ELEMENT. PROVIDE OPENINGS FOR HEAT MANAGEMENT.

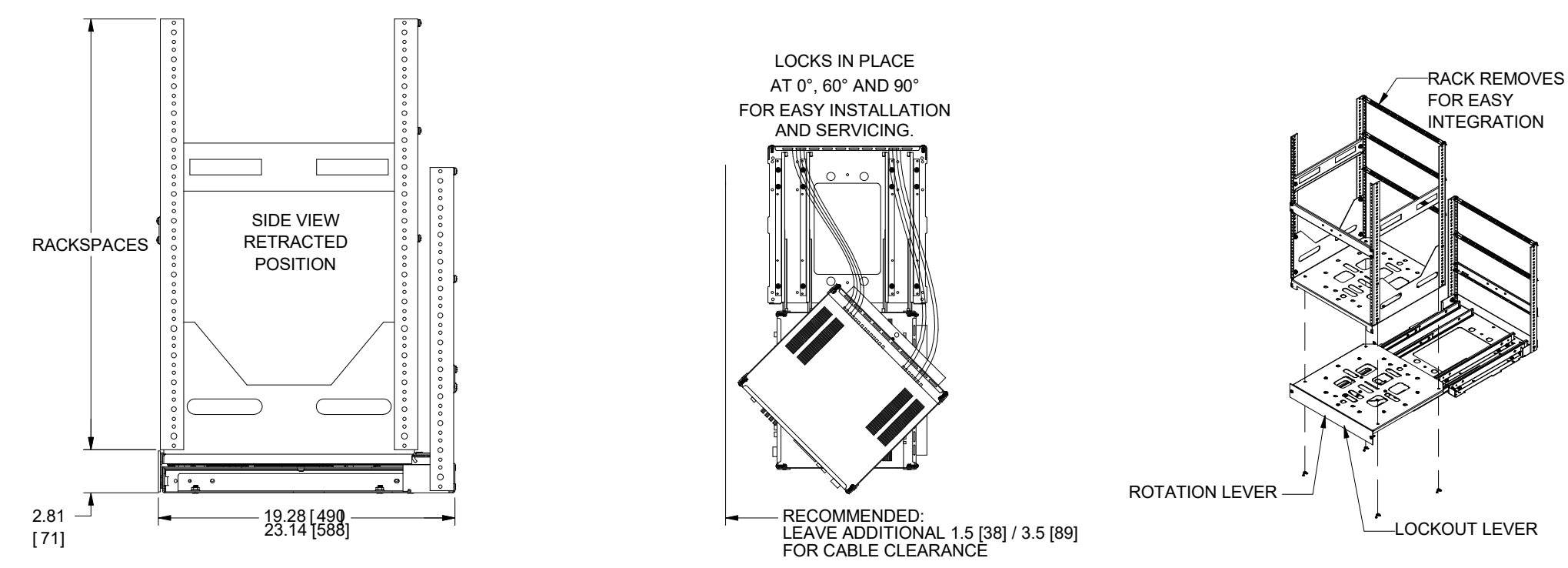
- EKN ELECTRICAL: DIVISION 26.
- EKN1 QUADPLEX POWER RECEPTACLE, NEMA 5-15R. SEE ELECTRICAL DRAWINGS FOR CIRCUITING.

- TKN AUDIOVISUAL SYSTEMS: COMPLY WITH DIVISION 27.
- TKN1 PROVIDE 3' SIDE ACCESS. COORDINATE ACCESS IN FIELD WITH PROVIDED CASE WORK.
- TKN2 FASTEN R18 TO ARCHITECTURAL WOODWORK BOTTOM WITH 8 EACH #8 X 3/4" PAN HEAD SHEET METAL SCREWS, EACH WITH 1/4" FLAT WASHER, 4 SCREWS IN FRONT HOLES OF FIXED MOUNTING PAN AND 4 SCREWS IN REAR HOLES OF FIXED MOUNTING PAN.



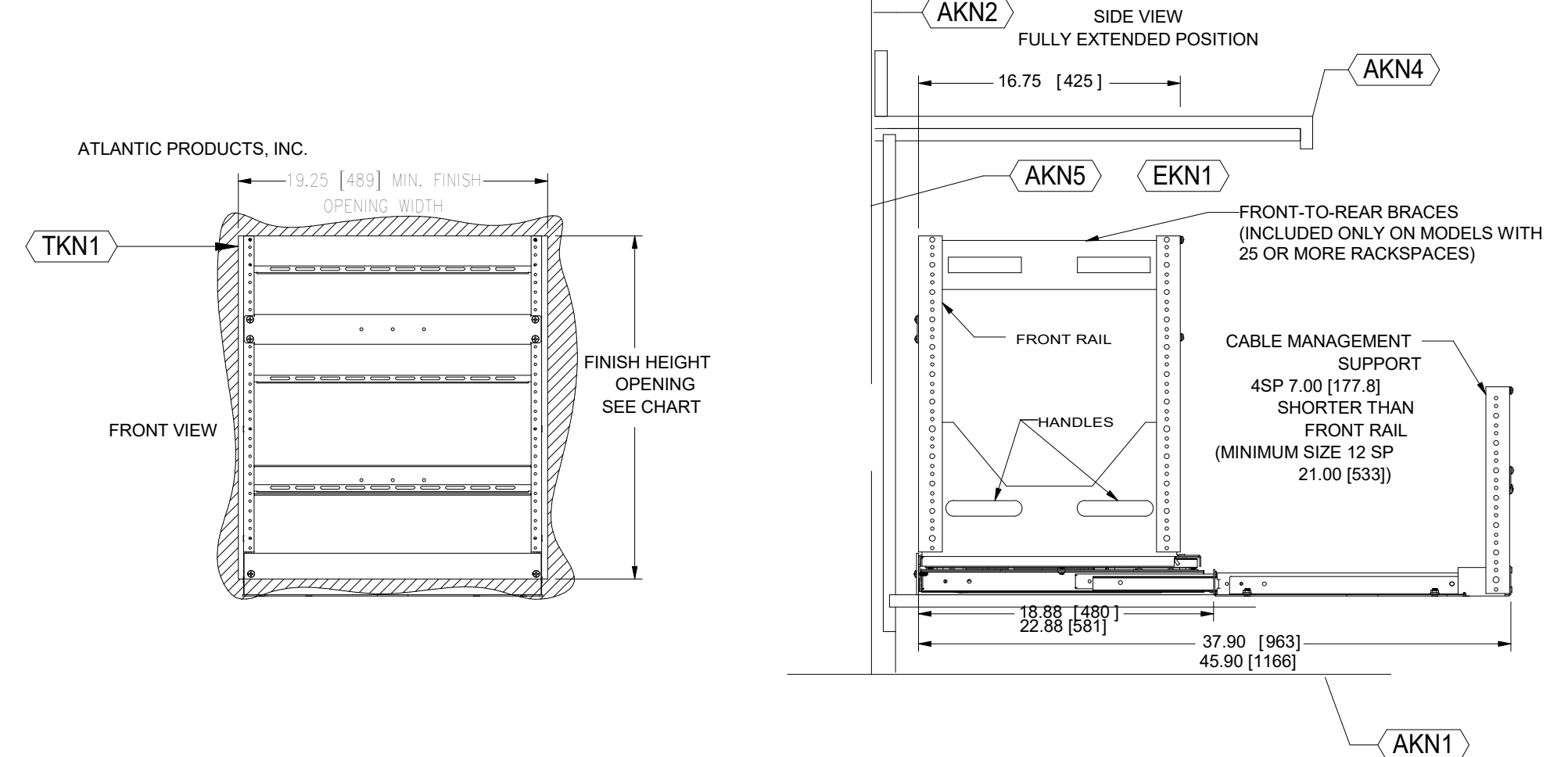
**1A R18 FOOTPRINT (ONLY MOUNTING HOLES SHOWN)** NTS

**1B TOP VIEW** NTS



**1C CLOSED POSITION** NTS

**1E** NTS



**1D FRONT VIEW** NTS

**1E FULLY EXTENDED POSITION** NTS

**1 R18 SLIDING RAIL SYSTEM** NTS

**Smith, Fause & McDonald Inc.**  
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 www.sfmi.com info@sfmi.com

STAMP  
 DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

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NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 DETAILS - RACK R18

**TA901**

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
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 10:13 am, Aug 05, 2022  
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 By: ROSALINA ACUFF



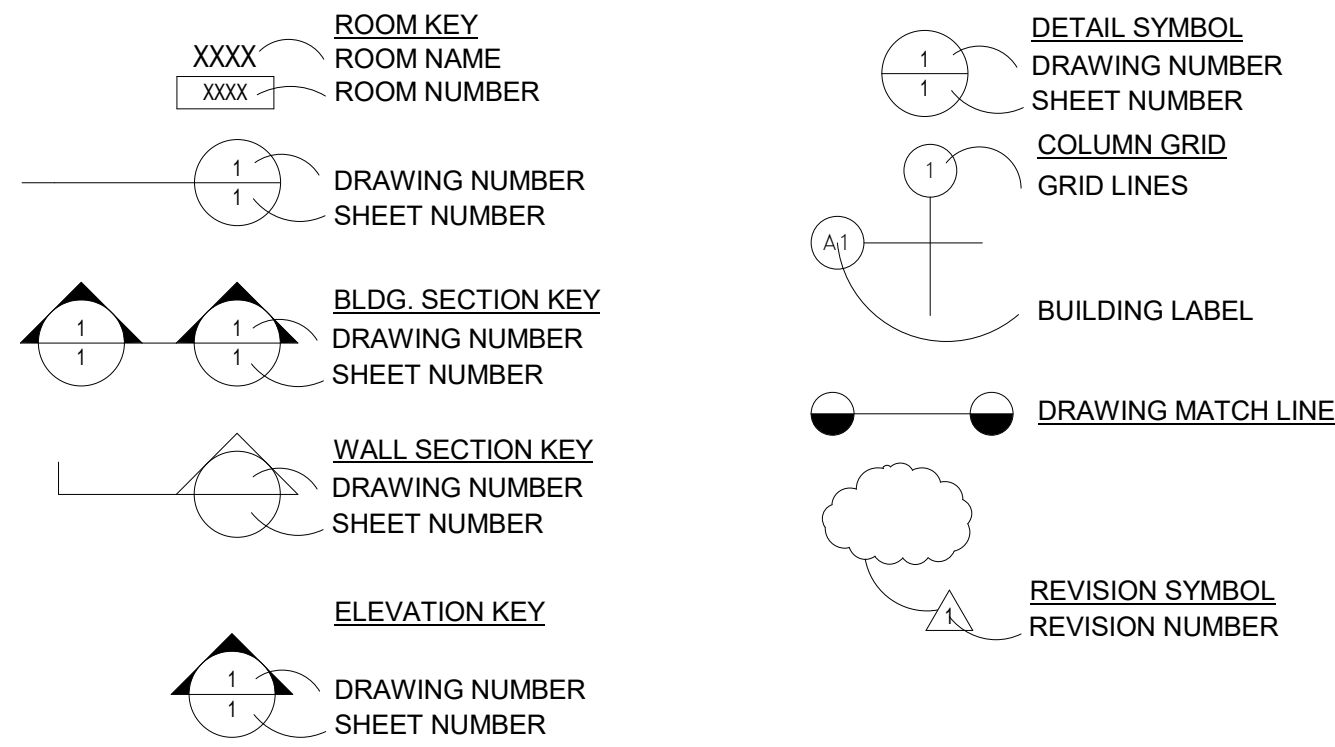




# COMMUNICATIONS SYSTEMS GENERAL NOTES

- 1 REFER TO SPECIFICATIONS FOR COMPLETE REQUIREMENTS.
- 2 PROVIDE CONDUIT, BOXES AND FITTINGS SHOWN ON COMMUNICATIONS SYSTEMS (TN) SYSTEM DRAWINGS UNDER THE WORK OF SECTION 27 05 33 COMMUNICATIONS RACEWAYS, BOXES AND FITTINGS. UNLESS OTHERWISE INDICATED, PROVIDE 1 INCH TRADE SIZE MINIMUM. PROVIDE RACEWAY SIZE AS REQUIRED FOR A MAXIMUM OF 30 PERCENT WIRE FILL.
- 3 PROVIDE FIRESTOPPING UNDER THE WORK OF SECTION 27 05 33 COMMUNICATIONS RACEWAYS, BOXES AND FITTINGS.
- 4 LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON THE COMMUNICATIONS SYSTEMS DRAWINGS.
- 5 DEVICE QUANTITIES SHOWN ON FLOOR PLANS AND REFLECTED CEILING PLANS TAKE PRECEDENCE OVER DEVICE QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS.
- 6 QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS TAKE PRECEDENCE OVER QUANTITIES SHOWN ON RACK ELEVATIONS.
- 7 QUANTITIES SHOWN ON DEVICE SCHEDULES TAKE PRECEDENCE OVER QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS, FLOOR PLANS AND REFLECTED CEILING PLANS.
- 8 LOCATIONS SHOWN ON LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON SMALL SCALE DRAWINGS.

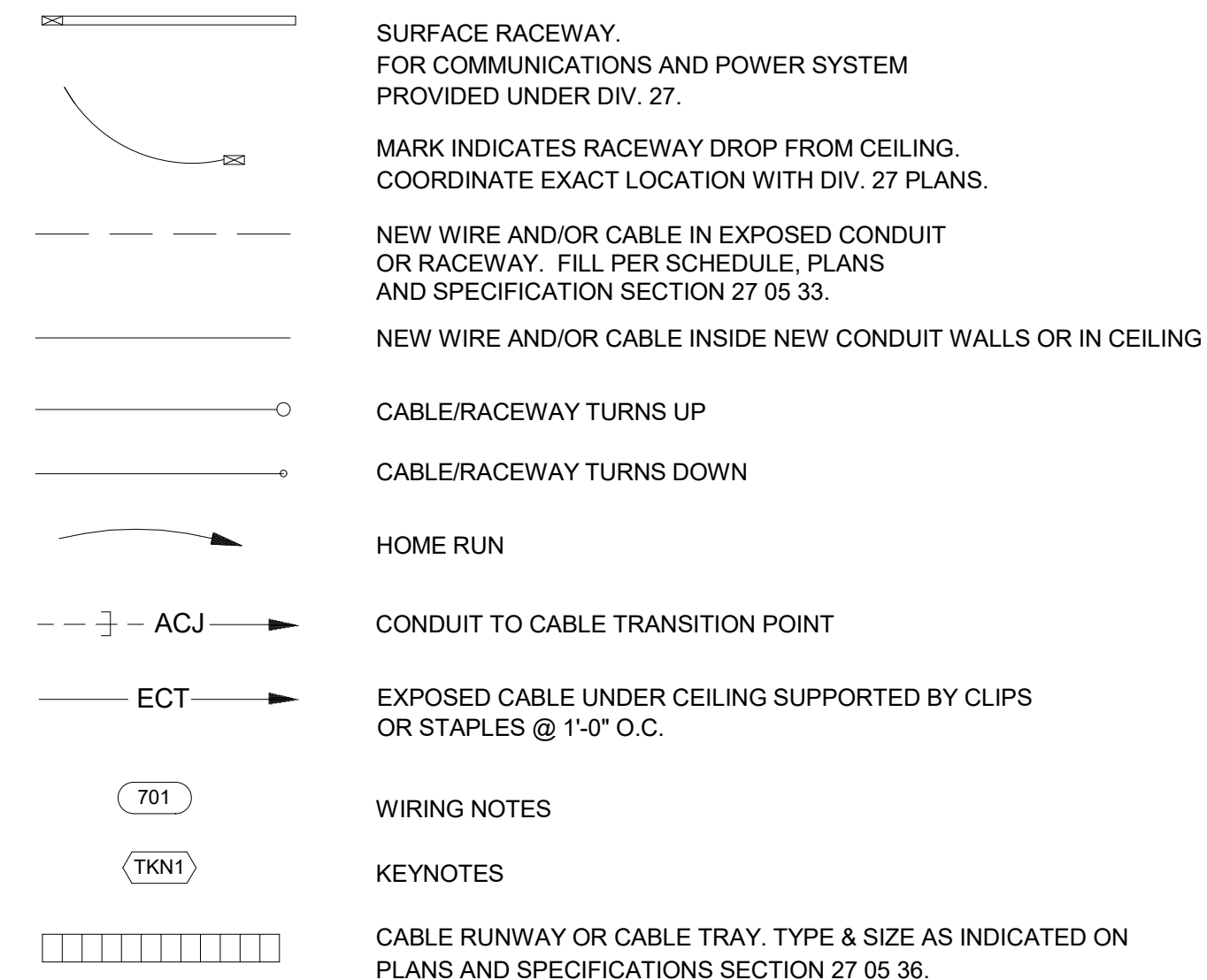
# GENERAL SYMBOLS



# MATERIAL & EQUIPMENT LEGEND

1IDP	1" INNERDUCT, PLENUM RATED	UTP5e-4	UNSHIELDED TWISTED PAIR, CAT. 5e
2IDP	2" INNERDUCT, PLENUM RATED	UTP5e-4P	UNSHIELDED TWISTED PAIR, CAT. 5e PLENUM
C5ePP	CATEGORY 5e PATCH PANEL	UTP5e-4OP	UNSHIELDED TWISTED PAIR, CAT. 5e OUTSIDE PLANT
C6PP	CATEGORY 6 PATCH PANEL	UTP6-4	UNSHIELDED TWISTED PAIR, CAT. 6
FOH-P	FIBER OPTIC CABLE HYBRID, PLENUM RATED	UTP6-4P	UNSHIELDED TWISTED PAIR, CAT. 6 PLENUM
FOH-OPR	FIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATED	UTP6-4OP	UNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANT
FOM-OPR	FIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATED	110TBXX	110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRS
FOS-OPR	FIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED	110PWTBXX	110 TERMINAL BLOCK, PRE-WIRED W/50 PIN CONNECTOR, XX- NO OF PAIRS
FPP	FIBER PATCH PANEL	PWC3PP	PRE-WIRED, 50 PIN CONNECTOR (REAR) & RJ45 (FRONT) CAT.3 PATCH PANEL
FSC	FIBER SPLICE CLOSURE	TB15	TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.
FSP	FIBER SPLICE PANEL		
FTB	FIBER TERMINAL BOX		
IDF	INTERMEDIATE DISTRIBUTION FACILITY		
MDF	MAIN DISTRIBUTION FACILITY.		
MM	MULTI MODE OPTICAL FIBER		
MMP	MULTIMEDIA PLATE		
MPOE	MINIMUM POINT OF ENTRY		
OSP	OUTSIDE PLANT		
SM	SINGLE MODE OPTICAL FIBER		
T.C.	TELECOMMUNICATIONS CLOSET		
T-OPD	TELEPHONE CABLE, OUTSIDE PLANT, DUCTWAY		

# LEGEND



# JUNCTION BOX SCHEDULE

SYMBOL	H (INCHES)	W (INCHES)	D (INCHES)
J1	6	6	4
J2	8	8	4
J3	12	12	4
J4	12	12	6
J5	12	12	8
J6	16	12	8
J7	18	18	6
J8	20	16	6
J9	20	16	8
J10	20	20	6
J11	20	20	8
J12	24	20	6
J13	24	20	8
J14	24	24	8
J15	30	24	8
J16	30	30	8
J17	36	30	8
J18	36	36	8
J19	48	24	6
J20	48	36	6
J21	48	48	6
J22	8	8	8
J23	10	10	8
J24	12	12	8
J25	16	12	8
J26	18	12	8
J28	18	18	8
J29	24	12	8
J30	24	18	8
J31	24	20	8
J32	24	24	8
J33	30	24	8
J34	30	30	8
J35	36	24	8
J36	36	30	8
J37	36	36	8
J38	12	12	10
J39	18	12	10
J40	18	18	10
J41	24	12	10
J42	24	18	10
J43	24	24	10
J44	30	24	10
J45	30	30	10
J46	36	24	10
J47	36	36	10
J48	12	12	12
J49	18	18	12
J50	24	12	12
J51	24	18	12
J52	24	24	12
J53	30	24	12
J54	30	30	12
J55	36	24	12
J56	48	48	12
J57	30	30	16
J58	48	48	16
J59	48	48	16

SUFFIX:  
NONE - NEMA 1  
A - NEMA 12  
B - NEMA 3R  
C - NEMA 4  
D - NEMA 4X

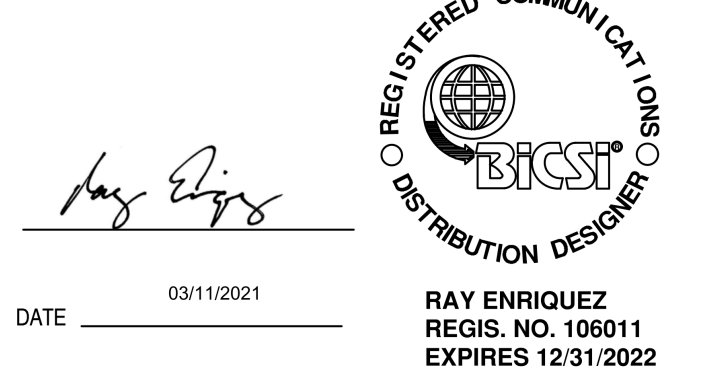
NOTE:  
ALL JUNCTION BOXES TO BE HINGED TYPE, PROVIDED WITHOUT PRE-PUNCHED KNOCKOUTS. PENETRATIONS IN JUNCTION BOXES SHALL BE CUT OR PUNCHED AS REQUIRED FOR INSTALLATION. PAINT ALL INTERIOR BOXES TO MATCH WALL FINISH. COORDINATE FINISH WITH ARCH. PLANS.

# ABBREVIATIONS

1SR-1	SINGLE CHAMBER SURFACE RACEWAY
3SR-2.5	THREE CHAMBER SURFACE RACEWAY
A.D.A.	AMERICANS WITH DISABILITIES ACT
ADF	AREA DISTRIBUTION FACILITY
A.F.C.	ABOVE FINISHED CEILING
A.F.F.	ABOVE FINISHED FLOOR
ALT	ALTERNATE
A.M.F.F.	ABOVE MEZZANINE FINISHED FLOOR
BDF	BUILDING DISTRIBUTION FACILITY
B.F.C.	BELOW FINISHED CEILING
BLDG.	BUILDING
B.O.H.	BACK OF HOUSE
C.	CONDUIT
CAT.	CATEGORY
CBC	CALIFORNIA BUILDING CODE
CEC	CALIFORNIA ELECTRICAL CODE
COMM.	COMMUNICATIONS
C.L.	CENTERLINE
C.O.	CONDUIT ONLY
CONT.	CONTINUATION
CS	COMMUNICATIONS SYSTEM
(D)	DEMOLISH EXISTING
DED	DEDUCTIVE
φ, DIA.	DIAMETER
DIV	DIVISION
(E)	EXISTING
EA.	EACH
EIA	ELECTRONIC INDUSTRIES ASSOCIATION
ELEV.	ELEVATION
E.O.L.	END OF LINE
EQPT.	EQUIPMENT
FIN	FINISHED
FUT	FUTURE
H.R.	HOME RUN
HT.	HEIGHT
J. BOX	JUNCTION BOX
LAN	LOCAL AREA NETWORK
MATV	MASTER ANTENNA TELEVISION
MAX.	MAXIMUM
MIN.	MINIMUM
MOD.	MODULAR
MON.	MONUMENT
(N)	NEW
NEC	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.E.	OWNER FURNISHED EQUIPMENT
OPP.	OPPOSITE
PNL.	PANEL
PROJ.	PROJECT
P.S.R.H	PROJECT STANDARD RECEPTACLE HEIGHT +18" AFF, U.O.N.
P.S.S.H.	PROJECT STANDARD SWITCH HEIGHT +48" AFF TO C, U.O.N.
RE.	REFER TO
REF.	REFERENCE
SIM.	SIMILAR
SM	SINGLE MODE OPTICAL FIBER
SN	SHEET NOTE
SP	SHIELDED PAIR - SEE SPECIFICATIONS
SPEC	SPECIFICATION
S.R.	SURFACE RACEWAY
STD	STANDARD
STP	SHIELDED TWISTED PAIR
T.C.	TELECOMMUNICATIONS CLOSET
TEL	TELEPHONE
TELCOM	TELECOMMUNICATIONS
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
T-OPD	TELEPHONE CABLE, OUTSIDE PLANT, DUCTWAY
TP	TWISTED PAIR
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
W/	WITH
WP	WEATHERPROOF



STAMP



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NO.	DESCRIPTION	DATE
1	100% DESIGN DEVELOPMENT	12/17/2021
2	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
GENERAL NOTES, LEGEND, SYMBOLS, ABBREVIATIONS AND JBOX SCHEDULE

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER  
BICA22-004407  
THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
10:13 am, Aug 05, 2022  
REVIEWED  
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By: ROSALINA ACUFF



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*Ray Enriquez*  
 DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

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SYMBOL	DEVICE	FUNCTION OR SERVICE	LOCATION	WORK OF	ROUGH-IN	RACEWAY	ELEVATION	CABLE FILL & HOMERUN DESTINATION, U.O.N.	FINISH	WEIGHT, LB	DETAIL SHEET(S)
	WALL SLEEVE/CONDUIT	PATHWAY	INDICATED	27 05 33	N/A	R5					
	FLOOR BOX, CONCRETE SLAB, FOR AUDIO VISUAL.	AUDIO VISUAL	FLUSH IN FLOOR. COORDINATE EXACT LOCATION/DIMENSION WITH THE ARCHITECT.	27 05 33	FLOOR BOX FC6 WITH MANUFACTURERS "POUR PAN" TO PROTECT AT SLAB ON GRADE CONDITIONS.	R4	FLUSH IN FLOOR	AS SCHEDULED	COORDINATE COVER TYPE WITH ARCHITECT. SUBMIT CUT-SHEETS.		
	DATA AND VOICE DEVICE PLATE. DN1	COMMUNICATIONS	INDICATED	27 05 33, 27 15 00	PROVIDE ONE (1) 5" SQUARE x 2.875" DEEP BOX WITH 1 GANG RING EQUAL TO RANDL INDUSTRIES 5 SQUARE.	R3	+18" AFF TO CL, U.O.N.	AS SCHEDULED	WHITE		
	BROADBAND VIDEO DEVICE PLATE. DN2	COMMUNICATIONS	INDICATED	28 05 33, 27 15 00	PROVIDE ONE (1) 5" SQUARE x 2.875" DEEP BOX WITH 1 GANG RING EQUAL TO RANDL INDUSTRIES 5 SQUARE.	R3	INDICATED	1 TRIPLE SHIELD RG6 COAX			
	FLOOR MOUNTED STATION CABLING/SWITCH RACK, 2 POST, 44 RU, SEISMIC RATED.	COMMUNICATIONS	FLOOR	27 11 16			BOLT TO SLAB		BLACK	250	
	FLOOR MOUNTED SERVER CABINET, 44 RU MIN, 30" WIDE MAX, 42" DEEP, 4 POST, SEISMIC RATED.	COMMUNICATIONS	FLOOR	27 11 16			BOLT TO SLAB.		BLACK	500	

NOTE NO. DEVICE NOTES

DN1 SUBSCRIPT INDICATES QUANTITY OF CATEGORY 6 CABLES PROVIDED AT WAO. EXAMPLE: 2D REPRESENTS 2 CAT6 CABLES AND JACKS TERMINATED AT THE INDICATED WAO AND SERVING TR.

DN2 SUBSCRIPT INDICATES QUANTITY OF COAX CABLES PROVIDED AT WAO. BROADBAND VIDEO CABLING IS RG-6. EXAMPLE: 1B IS 1 RG-6 TERMINATED AT THE INDICATED WAO AND SERVING TR.

LOCATION NOTES

LR1 FLUSH IN FLOOR. COORDINATE EXACT LOCATION/DIMENSION WITH ARCHITECTURAL PLANS.

RACEWAY NOTES

R1 3/4" C. STUBBED UP TO ACCESSIBLE CEILING. PROVIDE J-HOOKS AT 4' O.C. IN ACCESSIBLE CEILING.

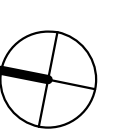
R2 1" C. STUBBED UP TO ACCESSIBLE CEILING. PROVIDE J-HOOKS AT 4' O.C. IN ACCESSIBLE CEILING.

R3 1.25" C. STUBBED UP TO ACCESSIBLE CEILING. PROVIDE J-HOOKS AT 4' O.C. IN ACCESSIBLE CEILING.

R4 FOR AV, (2) 1-1/4" C TO 4 GANG COMPARTMENT STUBBED TO ACCESSIBLE CEILING. FOR TELECOM, (1) 1-1/4" TO 1 GANG COMPARTMENT AND HOMERUN THE CONDUIT UNDER THE SLAB DIRECTLY TO THE SERVING BDF OR IDF ROOM. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL ROUGH-IN.

R5 UNLESS OTHERWISE SHOWN, PROVIDE (1) 4" EMT SLEEVE, WITH INSULATED THROAT BUSHING AT EACH END, STUBBED OUT 4 INCHES FROM FACE OF WALL, AT ELEVATION APPROXIMATELY 6 INCHES ABOVE ACCESSIBLE CEILING. INSTALL SLEEVE IN AN ACCESSIBLE LOCATION AS DEFINED IN CALIFORNIA ELECTRICAL CODE, ARTICLE 100 DEFINITIONS. PROVIDE FIRESTOPPING UNDER WORK OF SECTION 27 05 33. BOND TO GROUND. COMPLY WITH DIVISION 26 AND SECTION 27 05 26 GROUNDING.

ACCESSIBLE CEILING IS A T-BAR OR SIMILAR GRID BASED, PANELIZED REMOVABLE CEILING MEETING THE DEFINITION FOR ACCESSIBLE WIRING METHODS IN ARTICLE 100 OF THE CALIFORNIA ELECTRICAL CODE.



**TN002**

KEYNOTES	
TKN1070	PROVIDE 12"x12"x4"D NEMA BOX WITH HINGED COVER AND (1) 2" C. STUB CONDUIT UP TO THE ROOF. PROVIDE SERVICE ENTRANCE WEATHERHEAD FITTING ON TOP OF THE CONDUIT.
TKN1075	MOUNT INSIDE THE FPWB. SEE TA202.

STAMP

*Ray Enriquez*

DATE 03/11/2021

RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER

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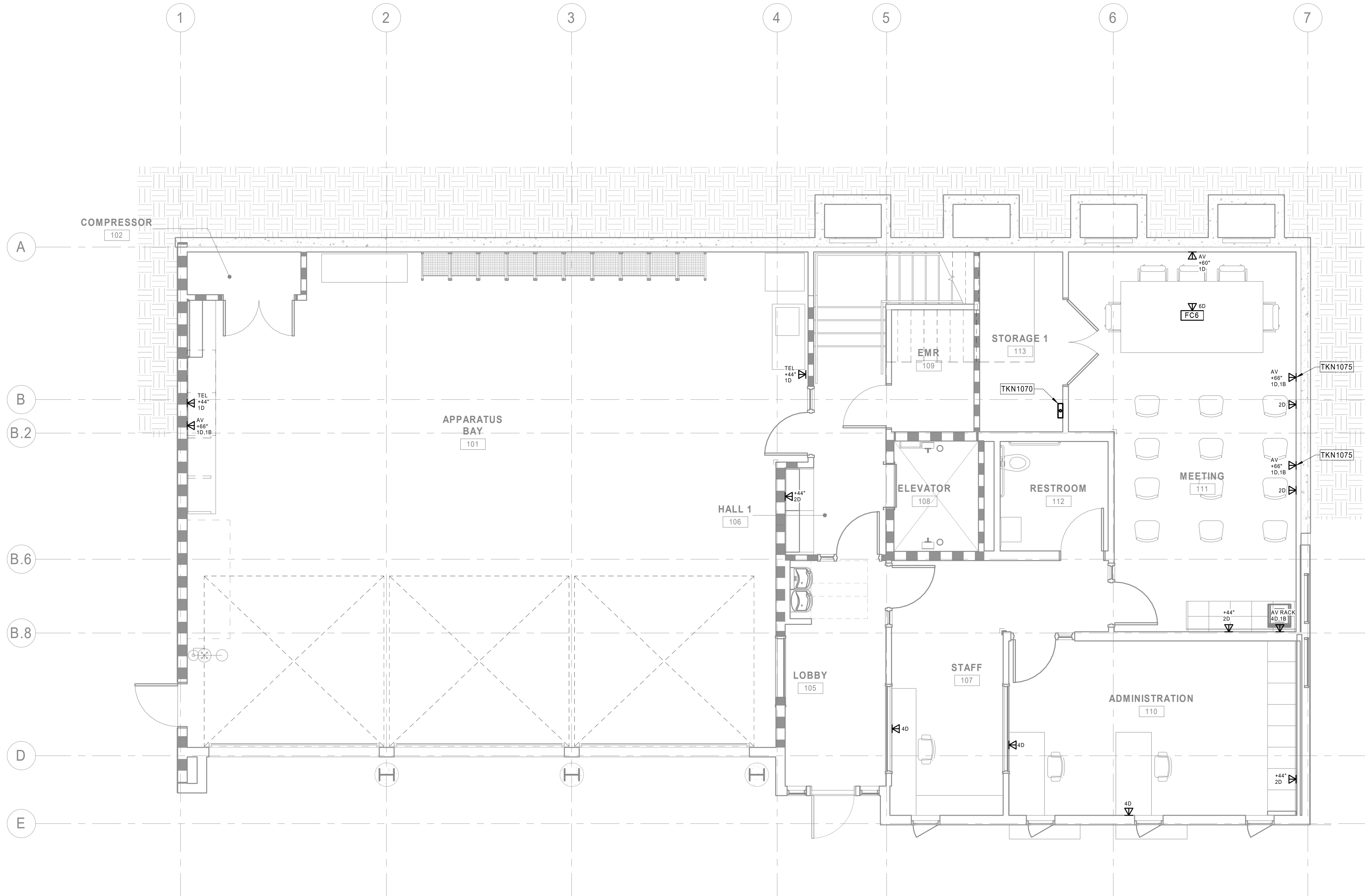
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 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

NO.	DESCRIPTION	DATE
1	100% DESIGN DEVELOPMENT	12/17/2021
2	ISSUED FOR PERMIT	04/01/2021

JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION COMMUNICATIONS - GROUND FLOOR PLAN



CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
 BICA22-004407  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
 REVIEWED  
 FOR COMPLIANCE WITH COUNTY BUILDING ORD. & CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICIAL.  
 By: ROSALINA ACUFF

1 COMMUNICATIONS - GROUND FLOOR PLAN  
 1/4" = 1'-0"

STAMP

*Ray Enriquez*  
 DATE 03/11/2021  
**RAY ENRIQUEZ**  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

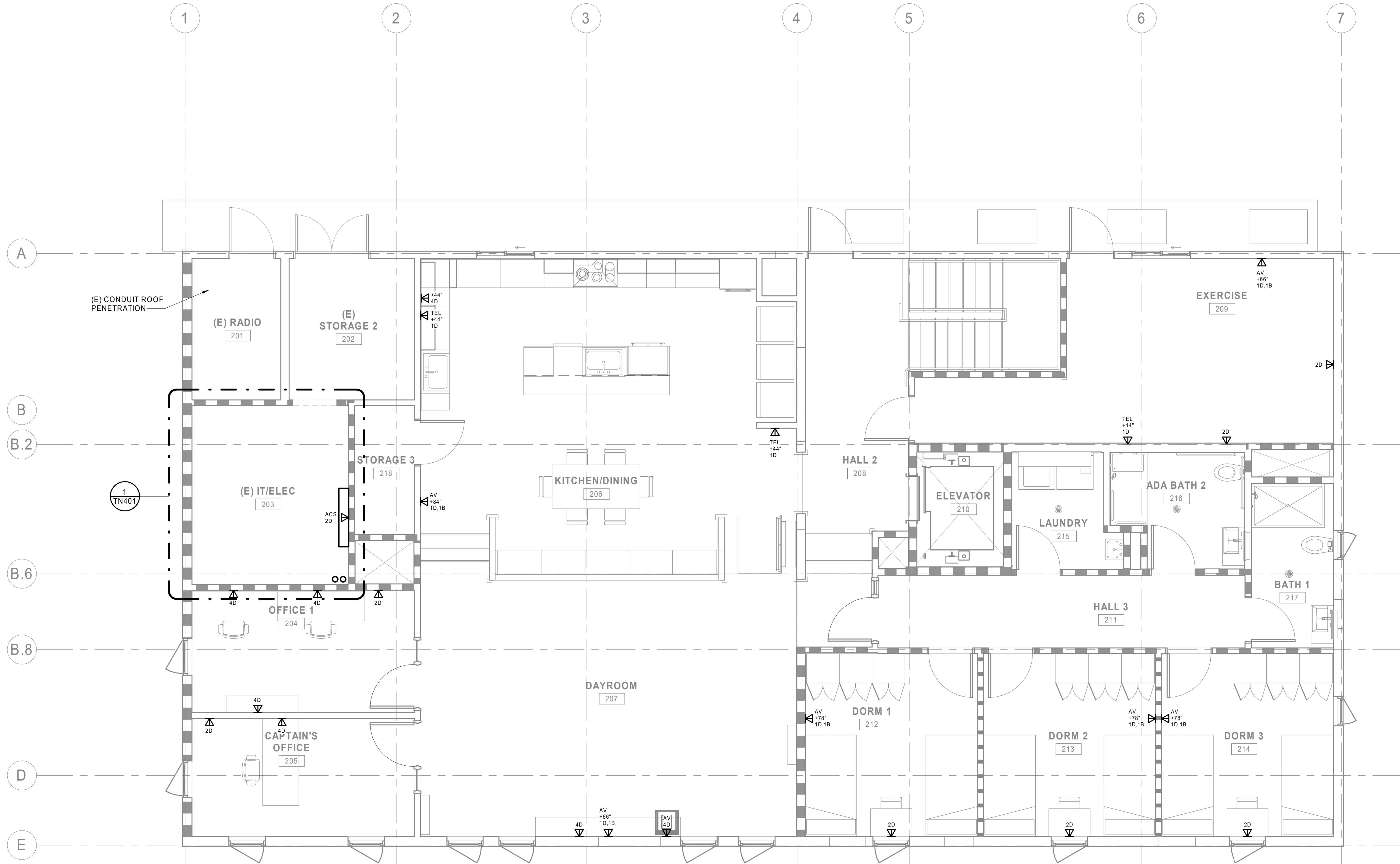
PROJECT TEAM  
 CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
 CONTACT: BILL HANSELL  
 T: (415) 378-9064  
 ARCHITECT: MARJANG ARCHITECTURE  
 930 COLE STREET STE 101  
 SAN FRANCISCO, CA. 94117  
 CONTACT: KAREN MAR  
 T: (415) 522-0600  
 STRUCTURAL: ZFA STRUCTURAL ENGINEERS  
 1390 EL CAMINO REAL STE 100  
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 CONTACT: MATT FRANTZ  
 T: (650) 394-8869  
 CIVIL: BKF ENGINEERS  
 1648 N. CALIFORNIA BLVD STE 400  
 WALNUT CREEK, CA 94596  
 CONTACT: ERIC SWANSON  
 T: (925) 940-2200  
 GEOTECH: HALEY ALDRICH  
 1956 WEBSTER ST #300  
 OAKLAND, CA 94612  
 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544  
 MEP: LIST ENGINEERING CO.  
 2 HARRIS CT STE A7  
 MONTEREY, CA 93940  
 CONTACT: RON BLUE  
 T: (831) 373-4390  
 AUDIO/VISUAL: SMITH FAUSE MCDONALD INC.  
 351 8TH STREET  
 SAN FRANCISCO, CA 94103  
 CONTACT: PETER MCDONALD  
 T: (415) 255-9140  
 ESTIMATOR: MICROESTIMATION INC.  
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JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

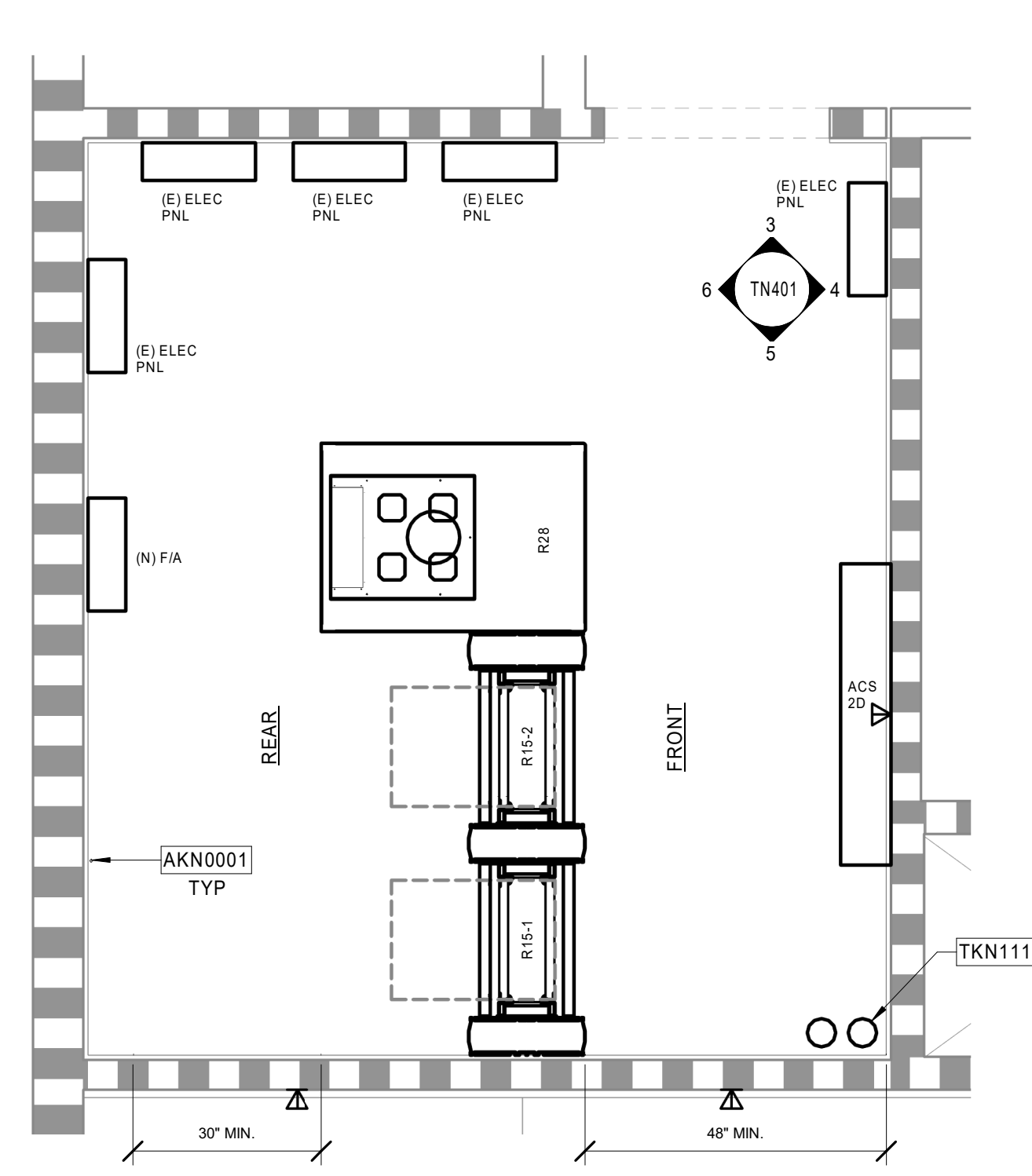
DESCRIPTION COMMUNICATIONS - SECOND FLOOR PLAN

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
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 By: ROSALINA ACUFF

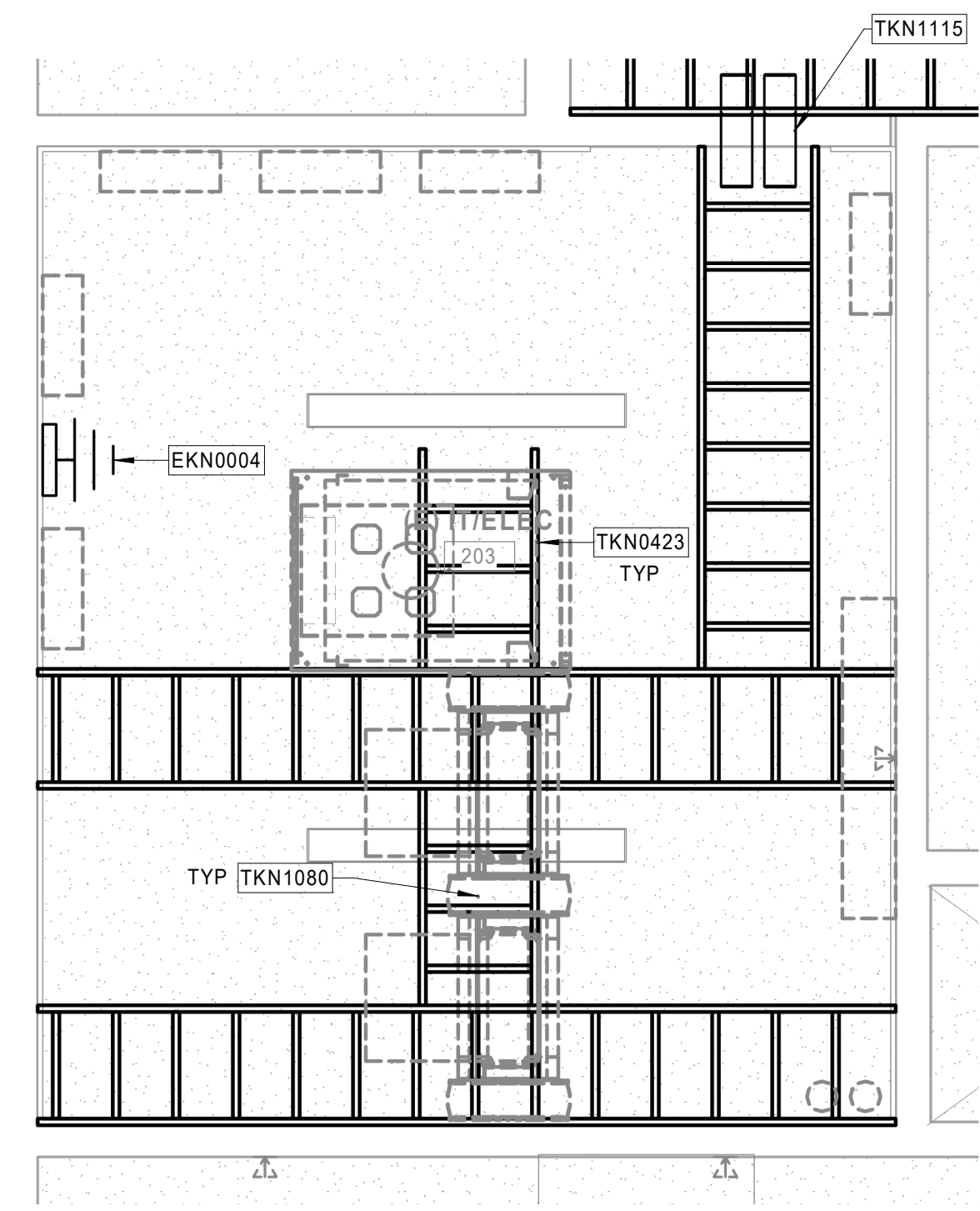


① COMMUNICATIONS - SECOND FLOOR PLAN  
 1/4" = 1'-0"

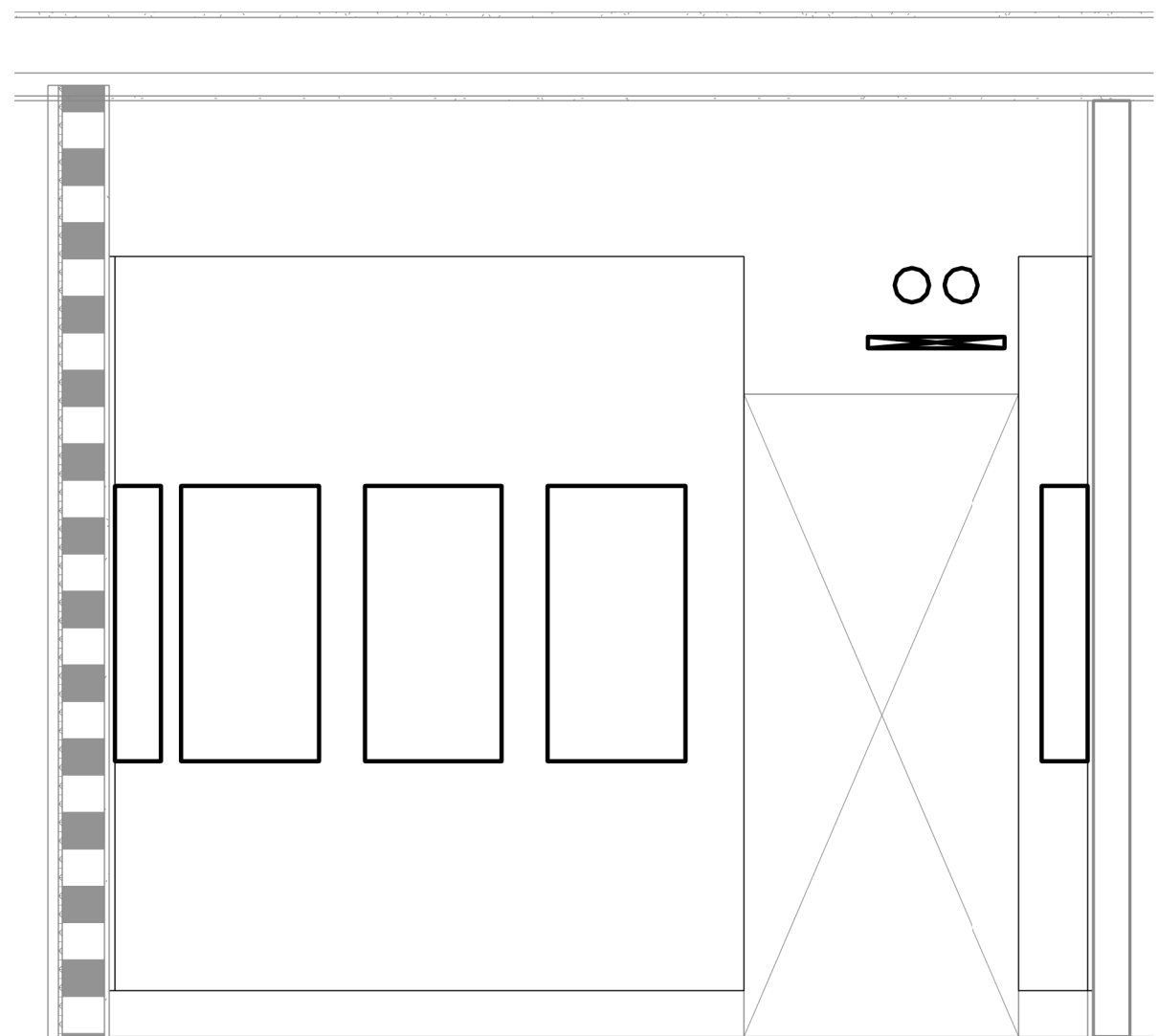
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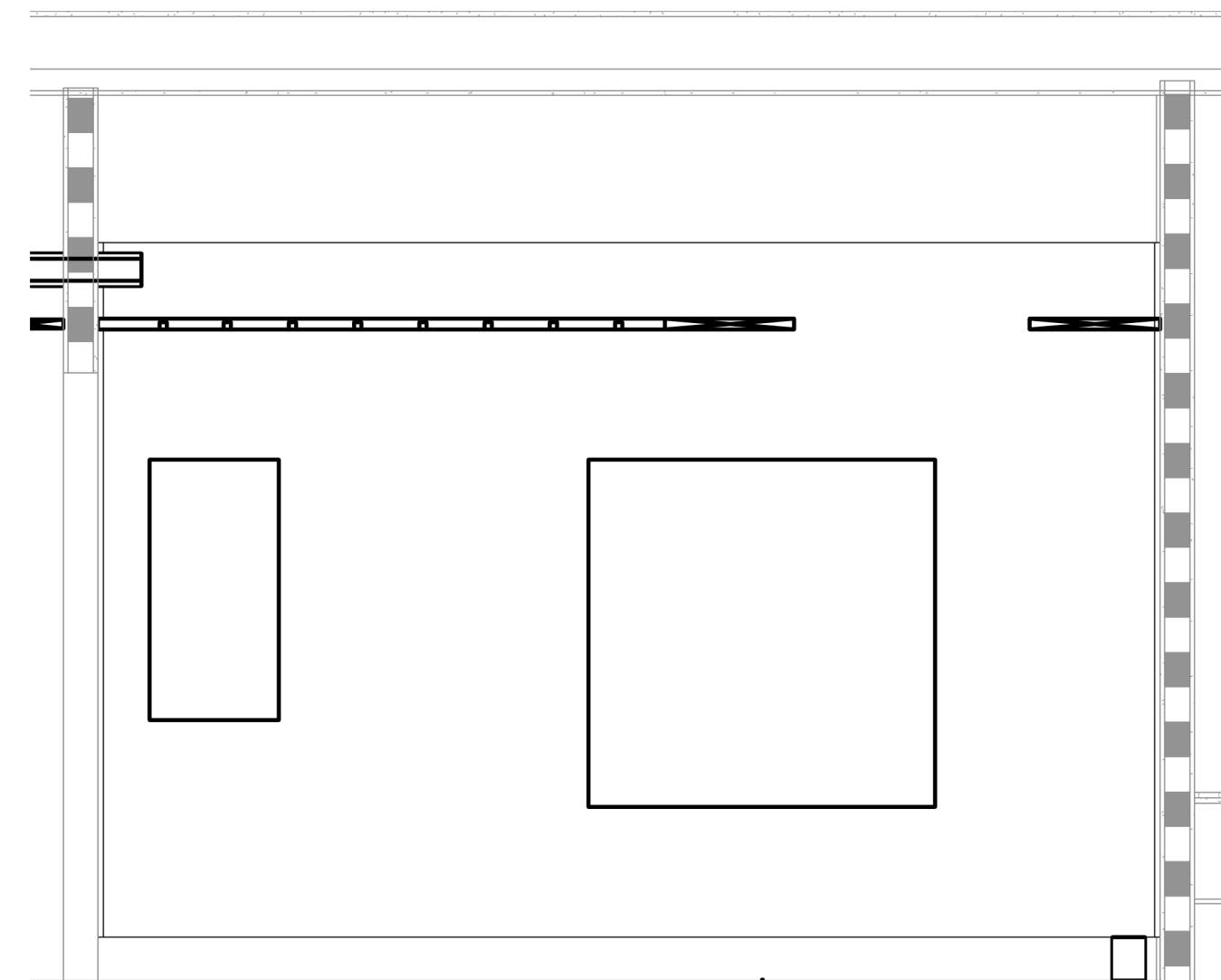
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1/2" = 1'-0"



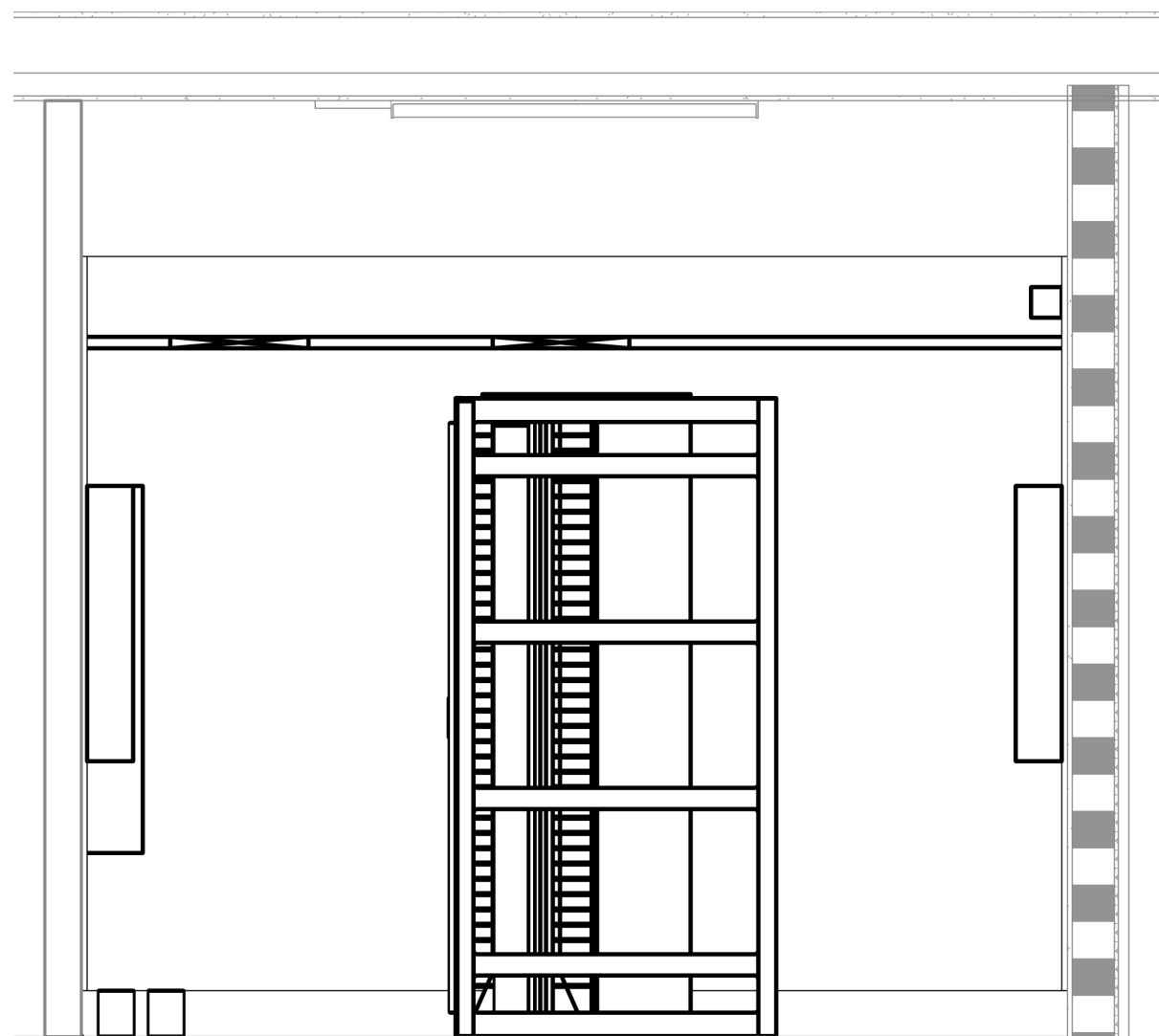
② (E) IT/ELE 203 - ENLARGED RCP  
1/2" = 1'-0"



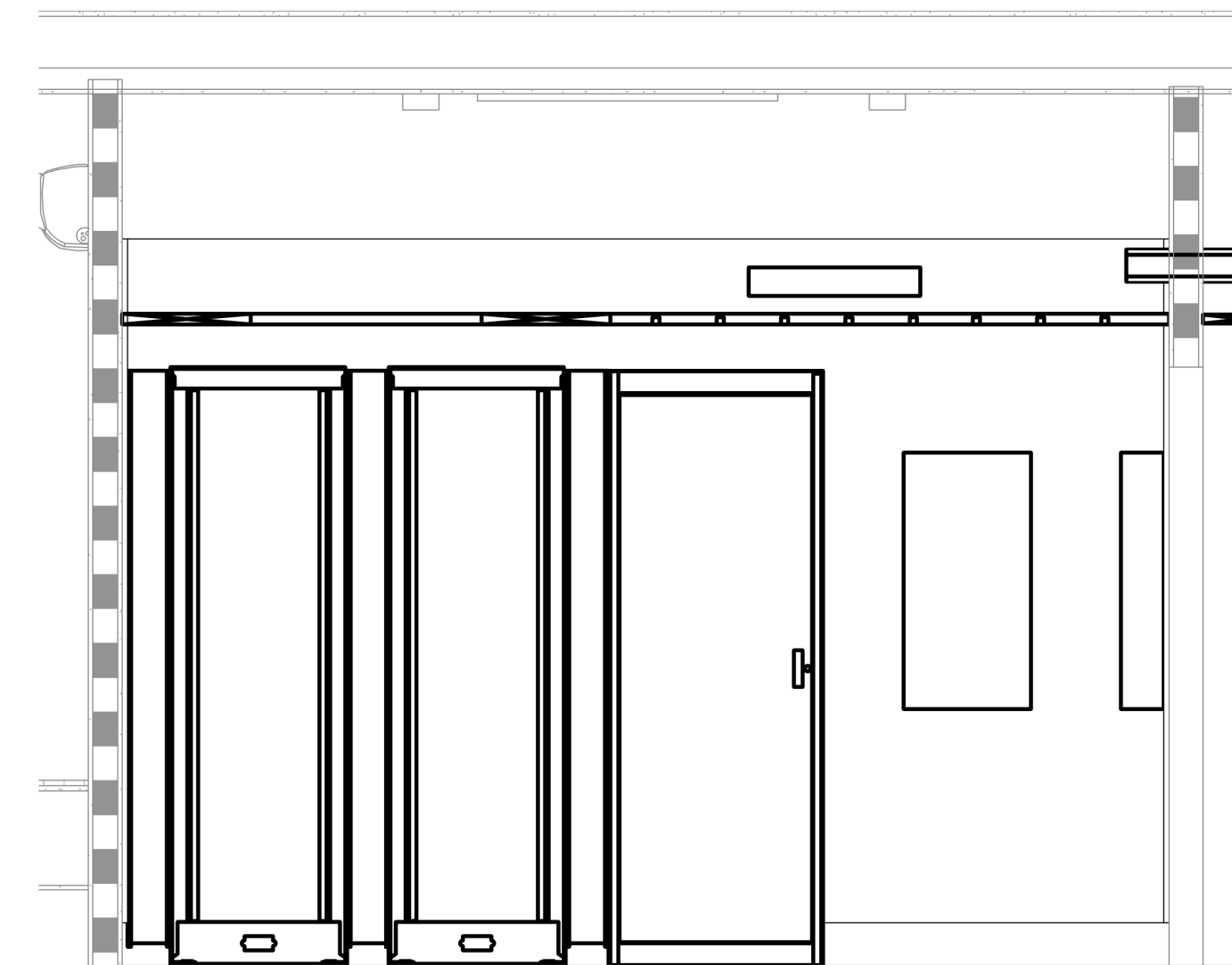
③ (E) IT/ELE 203 - NORTH ELEVATION  
1/2" = 1'-0"



④ (E) IT/ELE 203 - EAST ELEVATION  
1/2" = 1'-0"



⑤ (E) IT/ELE 203 - SOUTH ELEVATION  
1/2" = 1'-0"



⑥ (E) IT/ELE 203 - WEST ELEVATION  
1/2" = 1'-0"

KEYNOTES	
AKN0001	PROVIDE 3/4" THICK, FIRE-RESISTANT TREATED PLYWOOD BACKBOARD FROM 6" A.F.F. TO 8'-6" A.F.F. IN THE PERIMETER OR 4 SIDES OF THE ROOM. PAINT, COLOR WHITE. TRIM TO FIT. LEAVE ONE FIRE RATING STAMP PER SHEET OF PLYWOOD UNPAINTED. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
EKN0004	PROVIDE GROUNDING BUS BAR EQUIVALENT TO B-LINE SB-477-K. MOUNT ON THE BACKBOARD AT APPROX +84" A.F.F., BELOW THE CABLE TRAY
TKN0423	PROVIDE 18" WIDE CABLE RUNWAY (CR-18) SUPPORTED FROM CEILING/STRUCTURE. MOUNT BOTTOM @ 7'-6" A.F.F.
TKN1080	PROVIDE WATERFALL DROPOUTS FOR EACH RACK, TYP.
TKN1115	PROVIDE (2) 4" C. FIRESTOP CONDUIT PENETRATIONS.

**Smith, Fause & McDonald Inc.**  
 351 8th Street, San Francisco, CA 94103  
 (415) 255-9140 Fax (415) 255-9180  
 www.sfmi.com info@sfmi.com

STAMP  
  
 DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

- PROJECT TEAM
- CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
 217 ARLINGTON AVE  
 KENSINGTON, CA 94707  
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NO.	DESCRIPTION	DATE
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 (E) IT/ELE 203 - ENLARGED PLAN, RCP & ELEVATIONS

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER  
**BICA22-004407**  
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 By: ROSALINA ACUFF

**TN401**

C:\Revit User Files\Kensington Fire Station\_Low Voltage\_afiffed\_sfmi.rvt

3/31/2022 4:51:53 PM

KEYNOTES	
TKN0009	4" C.
TKN1110	PROVIDE (2) 4" C. MOUNTED ON THE UNDERSIDE OF THE HIGHER CEILING OF THE APPARATUS BAY. FIRESTOP CONDUIT PENETRATIONS.
TKN1115	PROVIDE (2) 4" C. FIRESTOP CONDUIT PENETRATIONS.

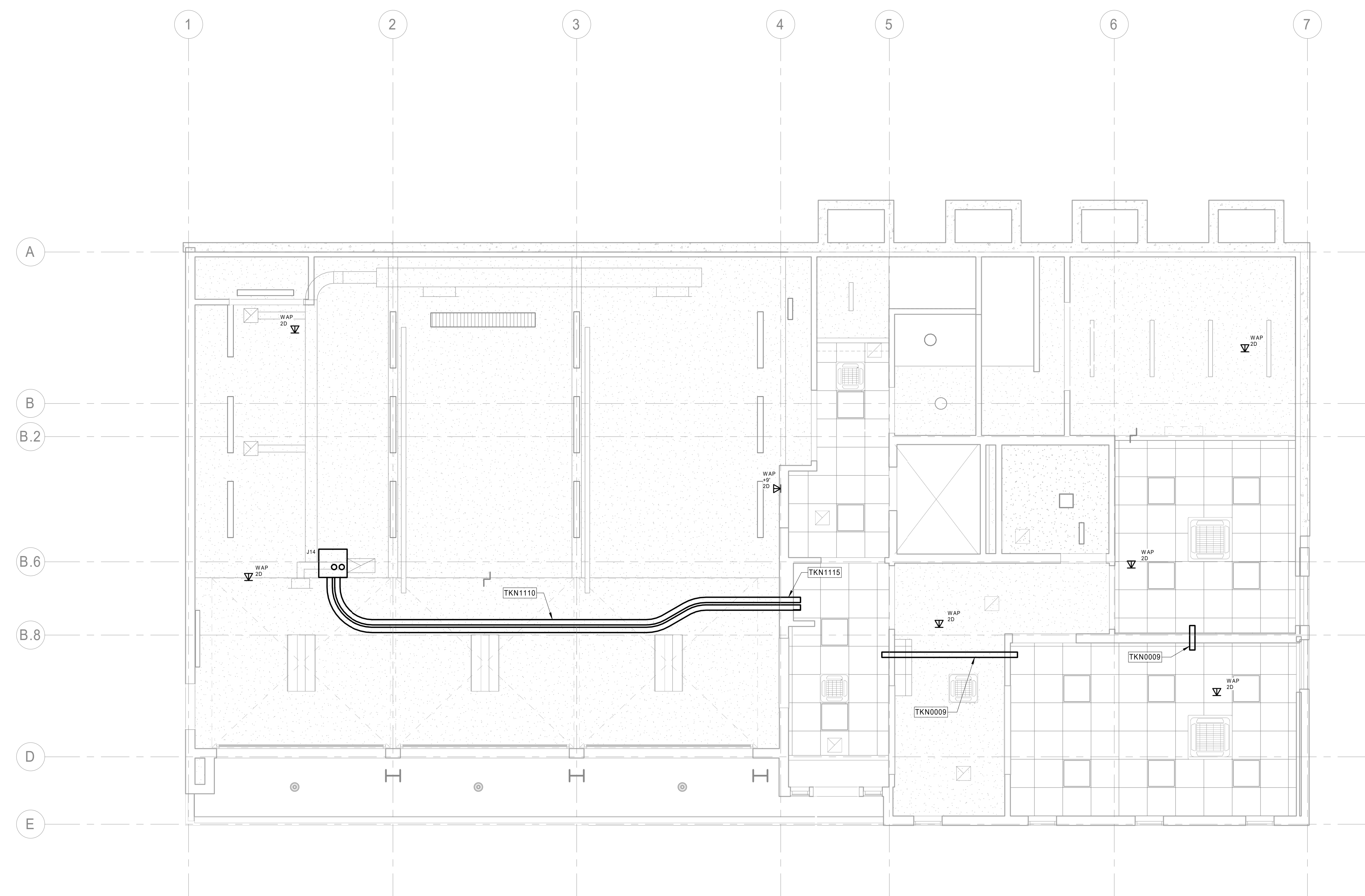
STAMP

*Ray Enriquez*  
 DATE 03/11/2021  
**RAY ENRIQUEZ**  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022



PROJECT ADDRESS  
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 KENSINGTON, CA 94707**

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① COMMUNICATIONS - FIRST FLOOR RCP  
 1/4" = 1'-0"

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 COMMUNICATIONS - FIRST FLOOR RCP

CONTRA COSTA COUNTY  
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C:\Revt User Files\Kensington Fire Station\_Low Voltage\_aligned\_sfmi.rvt

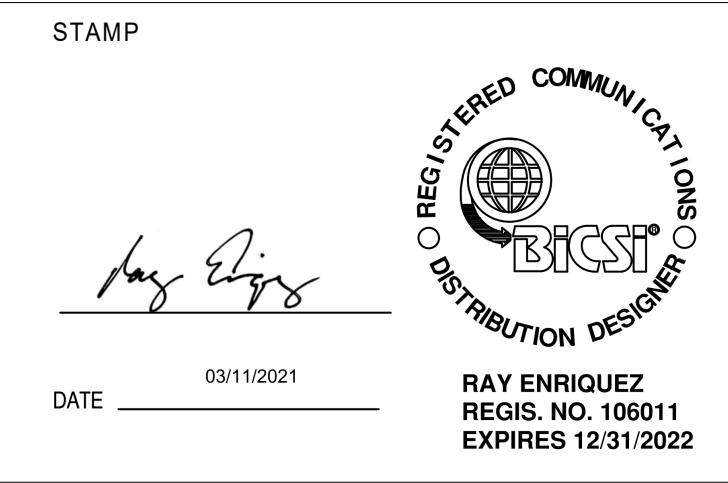
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KEYNOTES	
TKN0019	(2) 4" C.
TKN0422	PROVIDE 12" WIDE CABLE RUNWAY (CR-12) SUPPORTED FROM CEILING/STRUCTURE. MOUNT BOTTOM @ 7'-6" A.F.F.



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REGIS. NO. 106011  
EXPIRES 12/31/2022

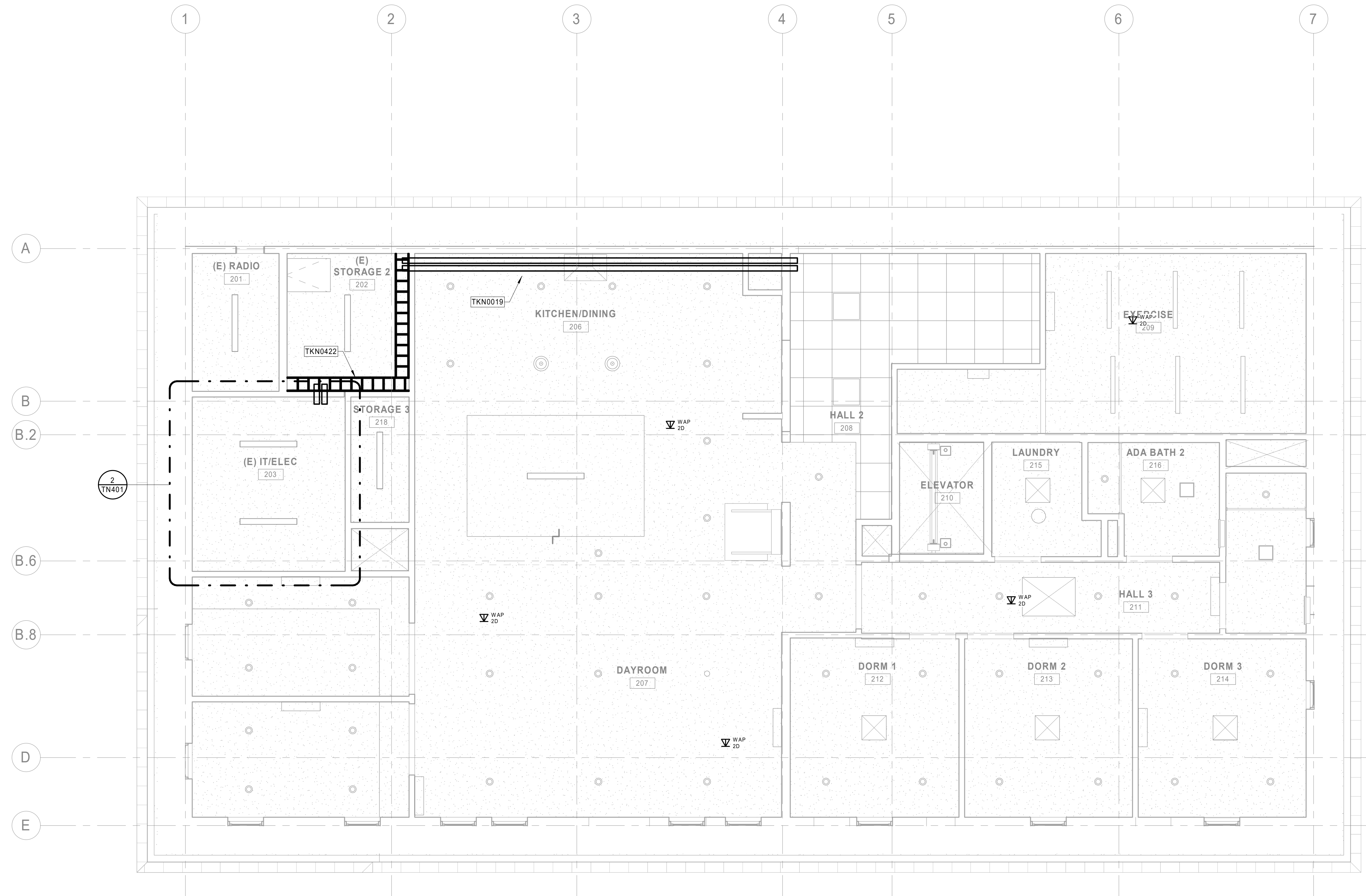
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KENSINGTON FIRE PROTECTION DISTRICT  
PUBLIC SAFETY BUILDING

DESCRIPTION  
COMMUNICATIONS - SECOND FLOOR RCP

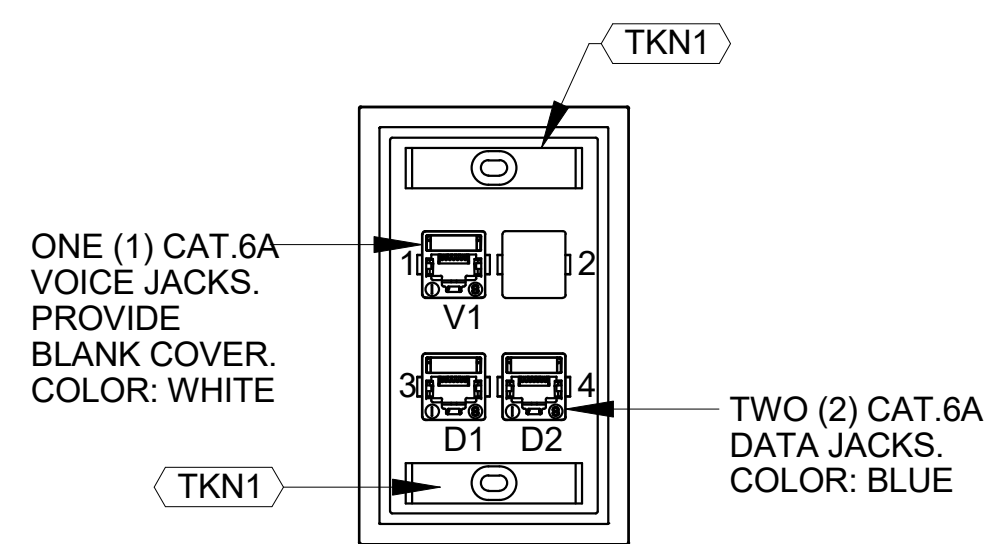


1 COMMUNICATIONS - SECOND FLOOR RCP  
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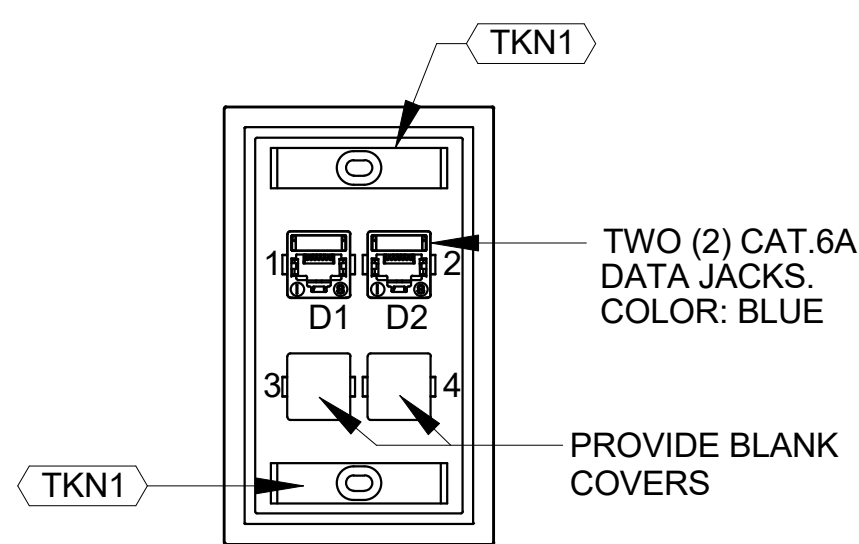
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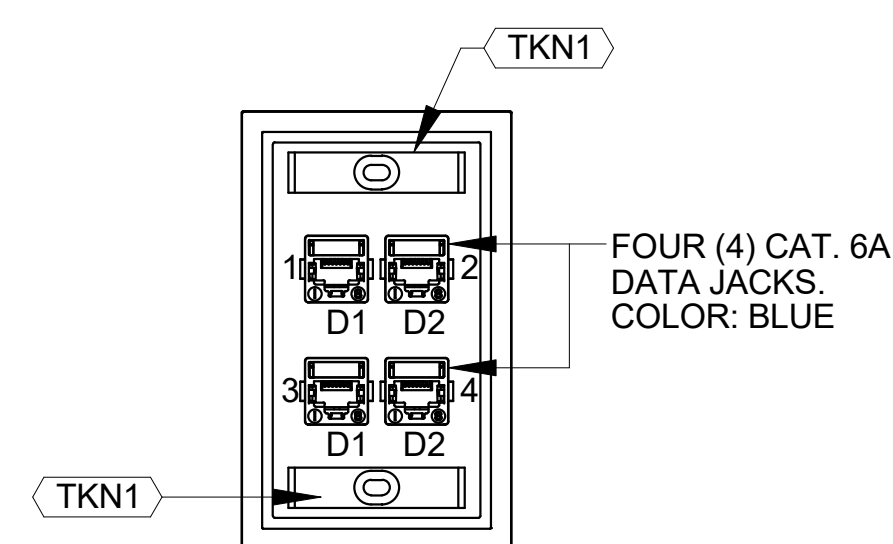
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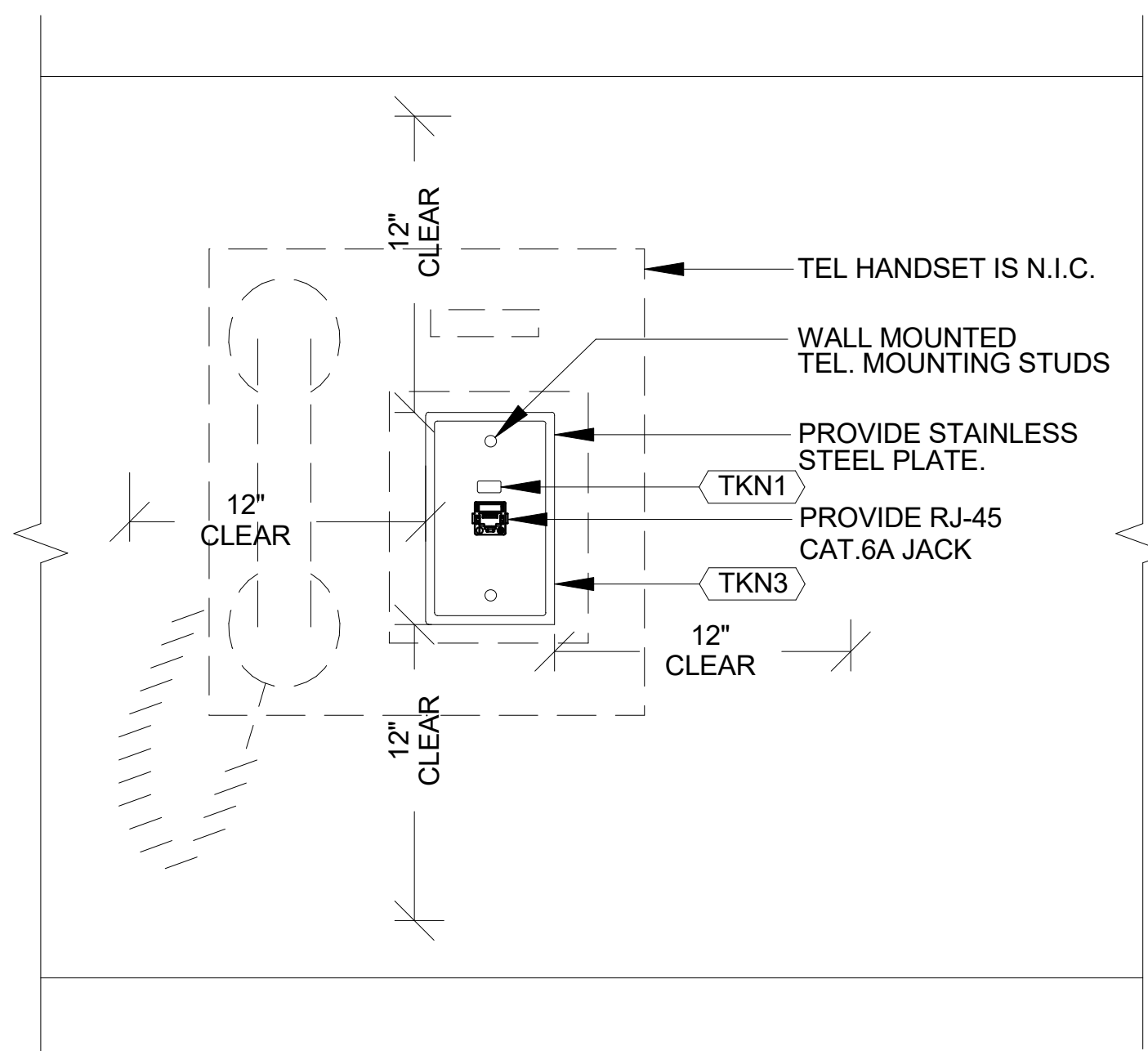
1 1V, 2D OUTLET NTS



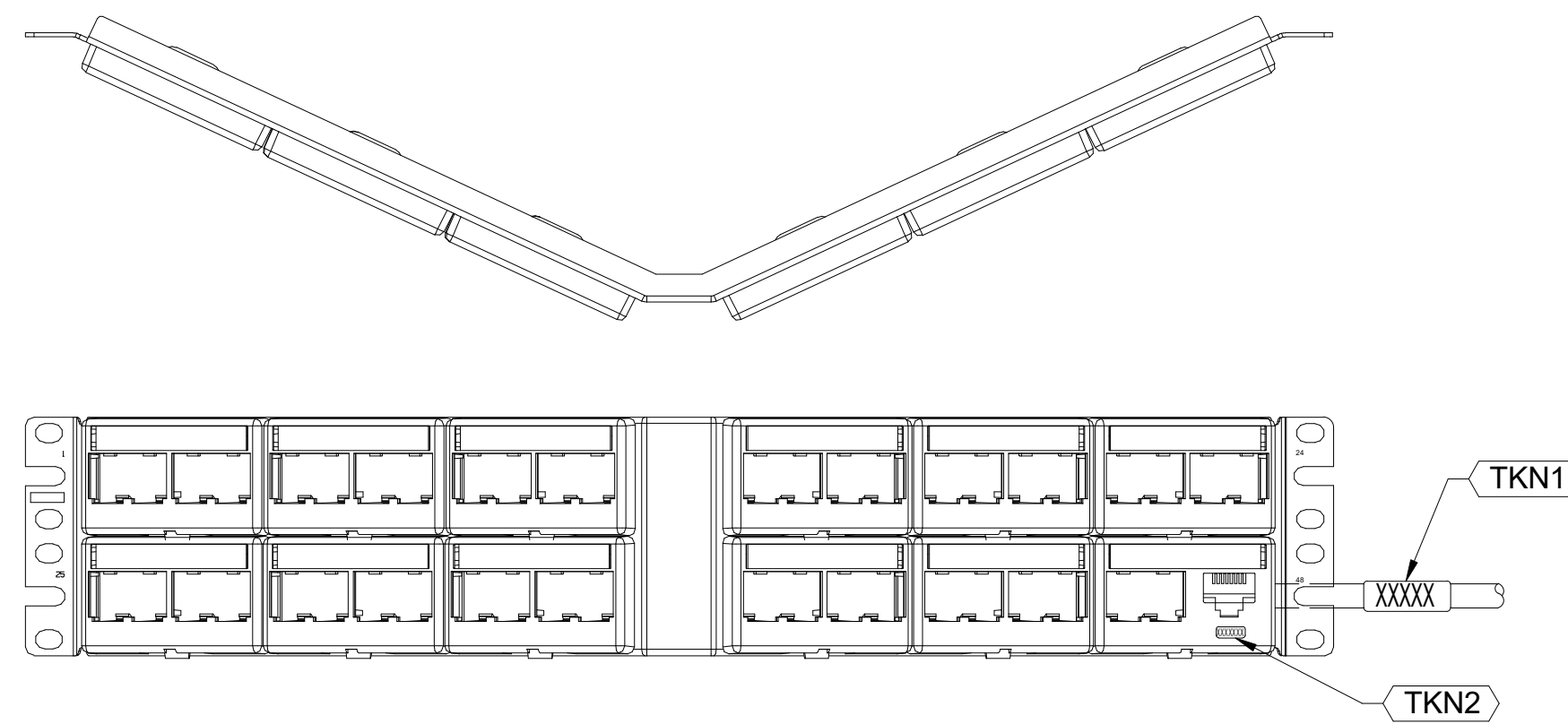
2 2D OUTLET NTS



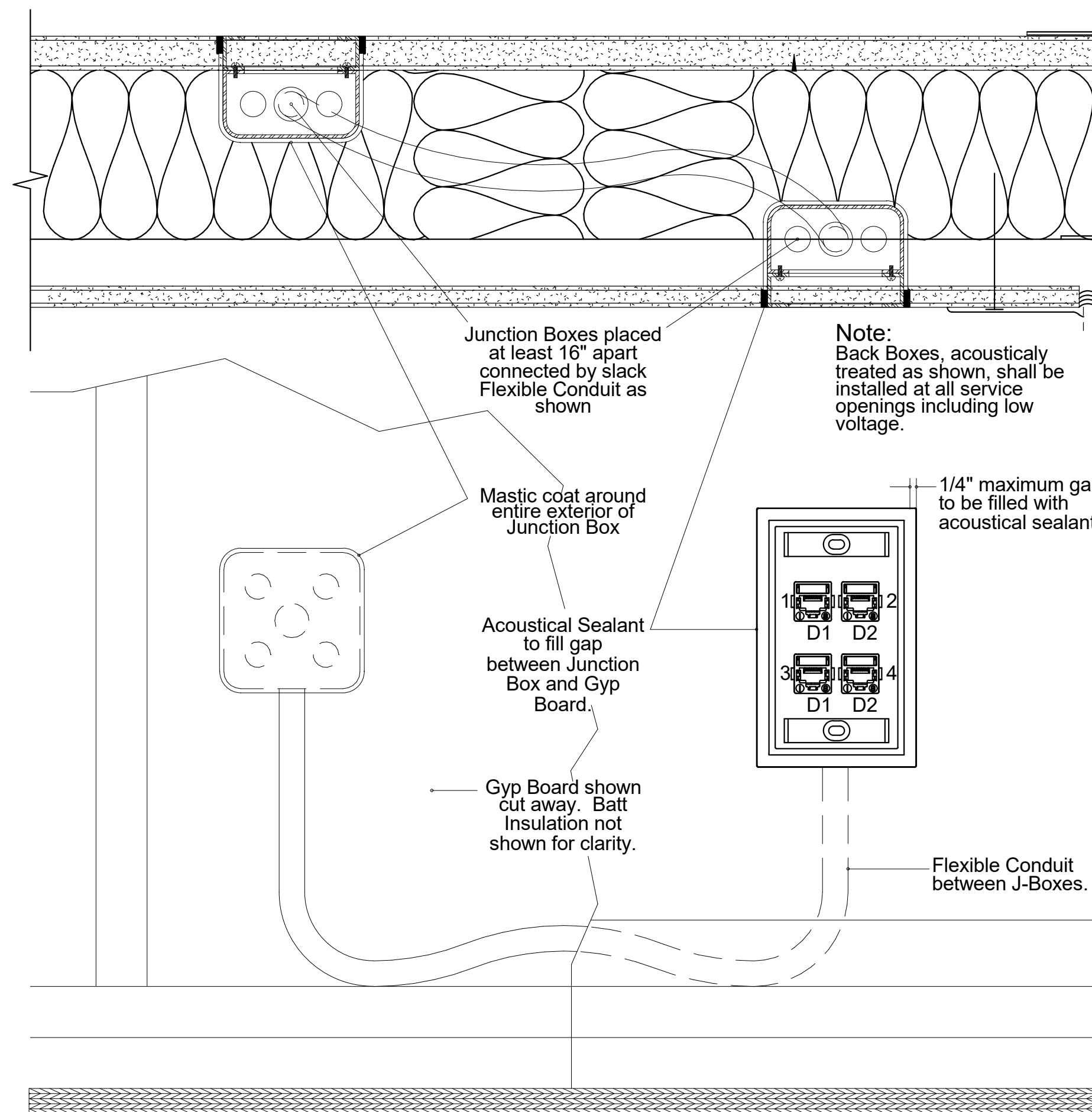
1 4D OUTLET NTS



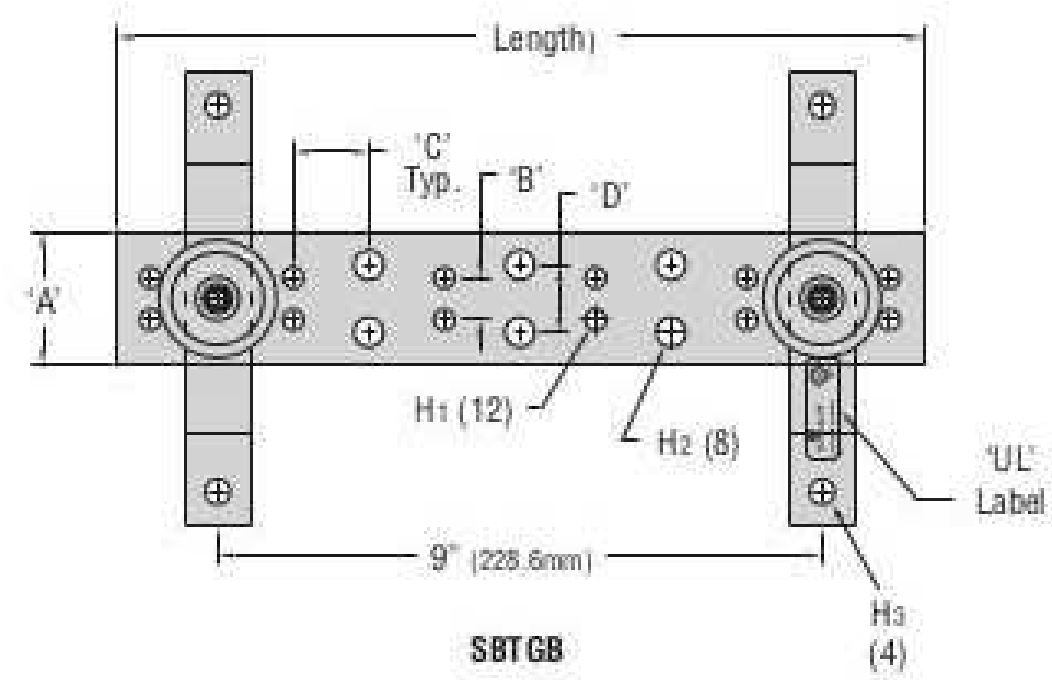
4 1V OUTLET NTS



5 PATCH PANEL AND CABLE LABELING NTS



7 ACOUSTIC SEALANT & INSULATION AT INTERIOR PARTITIONS NTS



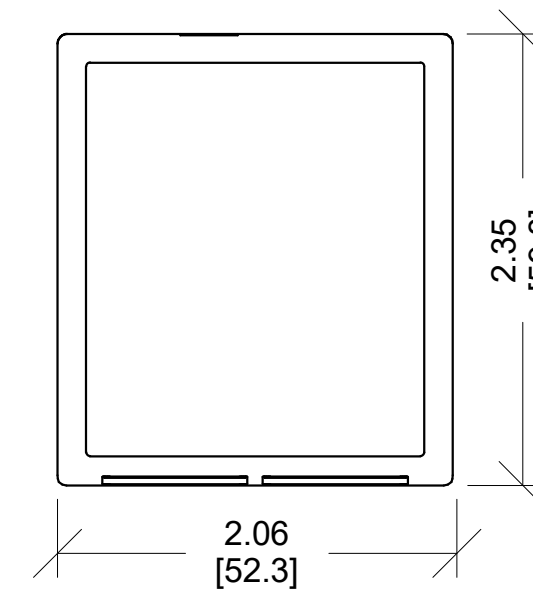
6 GROUNDING BUS BAR DETAIL NTS

SHEET NOTES

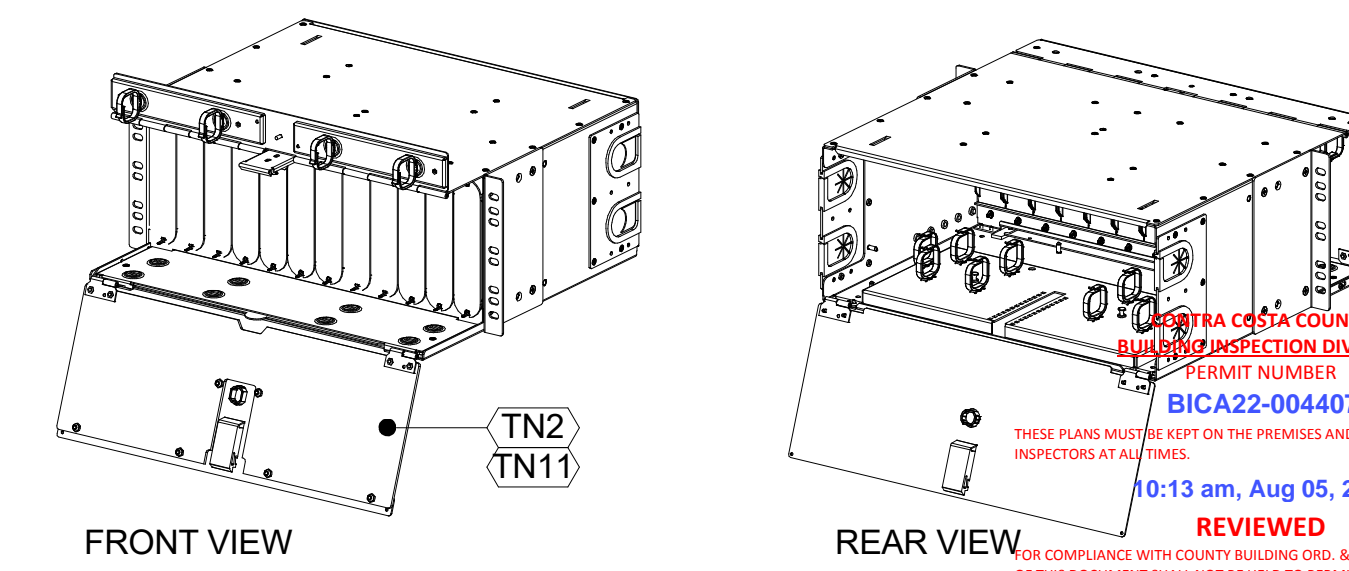
- RECEPTACLE ELEVATIONS ARE PROVIDED AS A CONVENIENCE FOR THE CONTRACTOR ONLY. RECEPTACLE ELEVATIONS GENERALLY REFLECT DESIGN BASIS OR SYSTEMS DESIGN BASIS ALTERNATES. CONTRACTOR TO COORDINATE ELEVATION WITH ALTERNATE SUBMITTED.
- RECEPTACLE ELEVATIONS MAY BE INCOMPLETE, REFER TO RECEPTACLE SCHEDULE FOR COMPLETE DETAILS.
- WHERE RECEPTACLE ELEVATIONS AND RECEPTACLE SCHEDULE CONFLICT, RECEPTACLE SCHEDULE TAKES PRECEDENCE OVER RECEPTACLE ELEVATIONS.

KEYNOTES

- TKN TELECOMMUNICATIONS SYSTEMS, WORK OF DIVISIONS 27.
- TKN1 LABEL THE OUTLET WITH THE IDF ROOM NUMBER, ROOM NUMBER OF THE WORK AREA, STATION NUMBER, JACK NUMBER (PREFIXED WITH TYPE "V" FOR VOICE, "D" FOR DATA) (EXAMPLE: "109 122-1-V1" WHERE "109" IS THE IDF, "122" IS THE ROOM WHERE THE JACK IS LOCATED, "1" IS THE STATION LOCATION, "V1" IS THE 1ST VOICE JACK IN THAT PARTICULAR WALL PLATE.
- TKN2 LABEL THE CABLE AND PATCH PANEL PORTS. MATCH THE JACKS LABEL.
- TKN3 PROVIDE 12" CLEAR ON ALL SIDES IN ORDER TO MOUNT THE TEL HANDSET. COORDINATE WITH ELECTRICAL AND SECURITY CONTRACTORS. HANDSET IS N.I.C.



8 TWO PORT SMB NTS



9 FIBER PATCH PANEL NTS

STAMP

*Ray Enriquez*

DATE 03/11/2021 RAY ENRIQUEZ REGIS. NO. 106011 EXPIRES 12/31/2022

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DESCRIPTION DETAILS - DEVICES





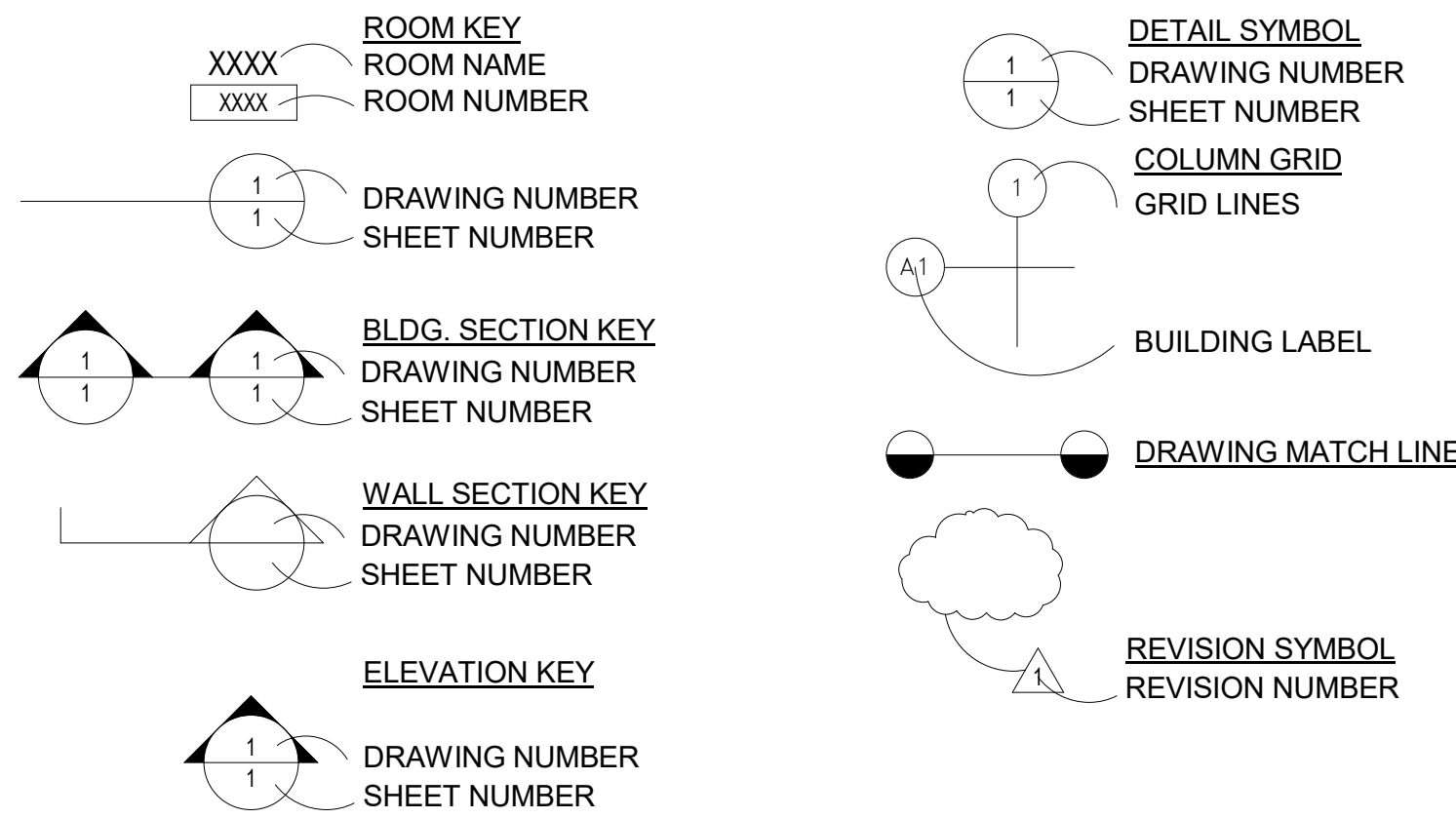




# ELECTRONIC SECURITY SYSTEMS GENERAL NOTES

- REFER TO SPECIFICATIONS FOR COMPLETE REQUIREMENTS.
- PROVIDE CONDUIT, BOXES AND FITTINGS SHOWN ON ELECTRONIC SECURITY SYSTEMS (TY) SYSTEM DRAWINGS UNDER THE WORK OF SECTION 28 05 28 PATHWAYS FOR ELECTRONIC SAFETY AND SECURITY. UNLESS OTHERWISE INDICATED, PROVIDE 1 INCH TRADE SIZE MINIMUM. PROVIDE RACEWAY SIZE AS REQUIRED FOR A MAXIMUM OF 30 PERCENT WIRE FILL.
- PROVIDE FIRESTOPPING UNDER THE WORK OF SECTION 28 05 28 PATHWAYS FOR ELECTRONIC SAFETY AND SECURITY.
- LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON THE COMMUNICATIONS SYSTEMS DRAWINGS.
- DEVICE QUANTITIES SHOWN ON FLOOR PLANS AND REFLECTED CEILING PLANS TAKE PRECEDENCE OVER DEVICE QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS.
- QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS TAKE PRECEDENCE OVER QUANTITIES SHOWN ON RACK ELEVATIONS.
- QUANTITIES SHOWN ON DEVICE SCHEDULES TAKE PRECEDENCE OVER QUANTITIES SHOWN ON FUNCTIONAL DIAGRAMS, FLOOR PLANS AND REFLECTED CEILING PLANS.
- LOCATIONS SHOWN ON LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON SMALL SCALE DRAWINGS.
- NOT USED.
- WIRING FOR THE WORK OF ELECTRONIC SECURITY SYSTEMS IS NOT PERMITTED TO SHARE CONDUIT, SLEEVES OR J-HOOKS WITH WIRING FOR WORK OF DIVISION 27. MAINTAIN AT LEAST 2 INCHES SEPARATION IF RUNNING PARALLEL. MAINTAIN AT LEAST 3 INCHES OF SEPARATION VERTICALLY IF CROSSING AT RIGHT ANGLES.

# GENERAL SYMBOLS

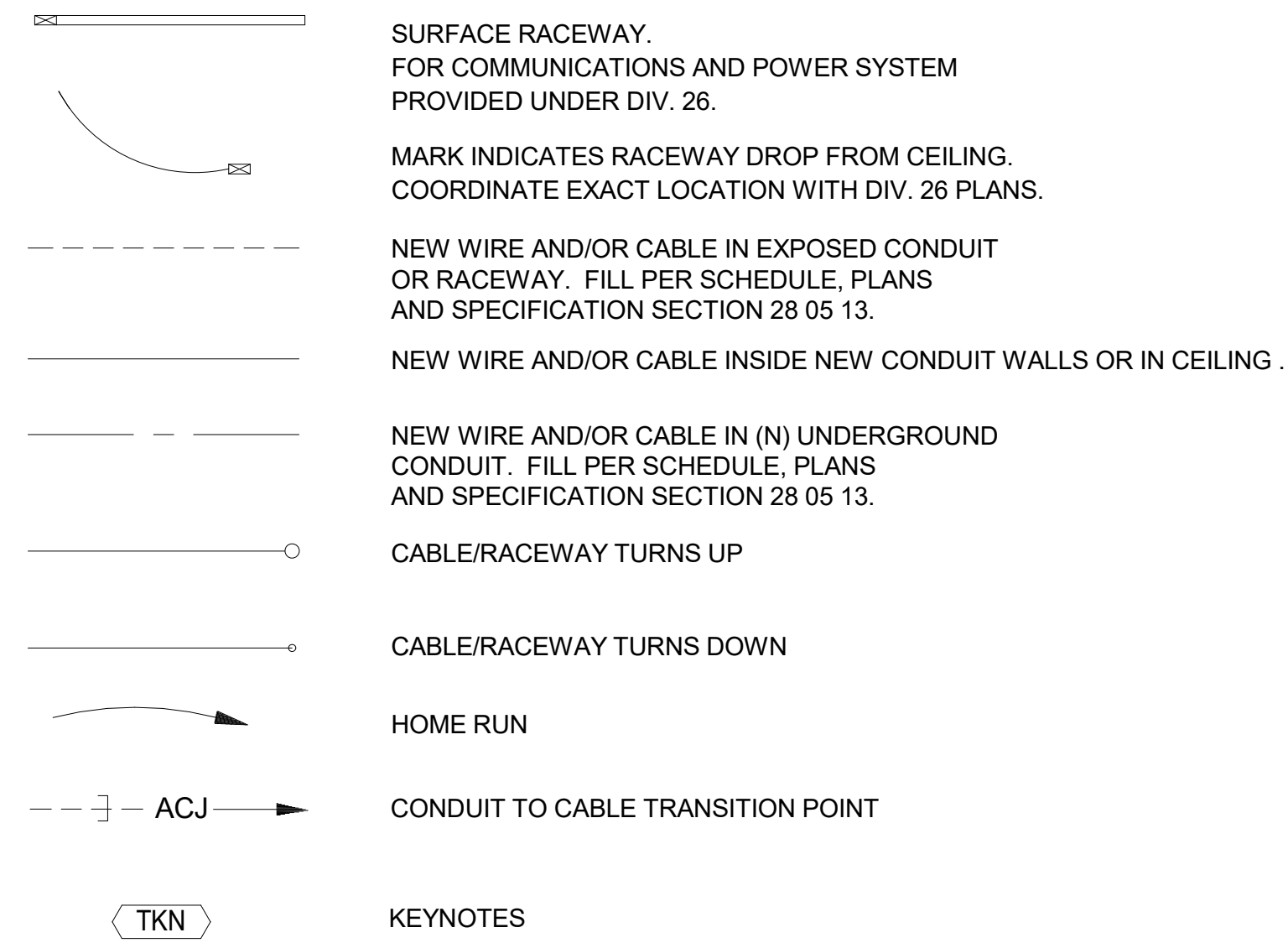


# MATERIAL & EQUIPMENT LEGEND

1IDP	1" INNERDUCT, PLENUM RATED	OSP	OUTSIDE PLANT
2IDP	2" INNERDUCT, PLENUM RATED	SM	SINGLE MODE OPTICAL FIBER
C5ePP	CATEGORY 5e PATCH PANEL	UTP5e-4	UNSHIELDED TWISTED PAIR, CAT. 5e
C6PP	CATEGORY 6 PATCH PANEL.	UTP5e-4P	UNSHIELDED TWISTED PAIR, CAT. 5e PLENUM
FOH-P	FIBER OPTIC CABLE HYBRID, PLENUM RATED	UTP5e-4OP	UNSHIELDED TWISTED PAIR, CAT. 5e OUTSIDE PLANT
FOH-OPR	FIBER OPTIC CABLE HYBRID, OUTSIDE PLANT RISER RATED	UTP6-4	UNSHIELDED TWISTED PAIR, CAT. 6
FOM-OPR	FIBER OPTIC CABLE, MULTI MODE OUTSIDE PLANT RISER RATED	UTP6-4P	UNSHIELDED TWISTED PAIR, CAT. 6 PLENUM
FOS-OPR	FIBER OPTIC CABLE, SINGLE MODE OUTSIDE PLANT RISER RATED	UTP6-4OP	UNSHIELDED TWISTED PAIR, CAT. 6 OUTSIDE PLANT
FPP	FIBER PATCH PANEL	110TBXX	110 TERMINAL BLOCK, CAT.5, XX-NO OF PAIRS
FSC	FIBER SPLICE CLOSURE	110PWTBXX	110 TERMINAL BLOCK, PRE-WIRED W/50 PIN CONNECTOR, XX- NO OF PAIRS
FSP	FIBER SPLICE PANEL	TB15	TERMINAL BLOCK WITH 15 AMP SWITCH BLADE.
FTB	FIBER TERMINAL BOX		
IDF	INTERMEDIATE DISTRIBUTION FACILITY		
MDF	MAIN DISTRIBUTION FACILITY.		
MM	MULTI MODE OPTICAL FIBER		
MMP	MULTIMEDIA PLATE		

**NOTE:**  
 SEE SPECIFICATION SECTIONS FOR REFERENCE DESCRIPTIONS AND REQUIREMENTS. FOR OTHER MATERIAL AND EQUIPMENT TYPES REFER TO SPECIFICATIONS.

# LEGEND



# JUNCTION BOX SCHEDULE

SYMBOL	H (INCHES)	W (INCHES)	(INCHES)
J1	6	6	4
J2	8	8	4
J3	12	12	4
J4	12	12	6
J5	12	12	8
J6	16	12	6
J7	18	18	8
J8	20	16	6
J9	20	16	8
J10	20	20	6
J11	20	20	8
J12	24	20	6
J13	24	20	8
J14	24	24	8
J15	30	24	8
J16	30	30	8
J17	36	30	8
J18	36	36	8

**SUFFIX:**  
 NONE - NEMA 1 C - NEMA 4  
 A - NEMA 12 D - NEMA 4X  
 B - NEMA 3R

EXAMPLE: J16C= 30"H X 30"W X 8"D HINGED NEMA 4 JBOX.

**NOTE 1**  
 ALL JUNCTION BOXES TO BE HINGED TYPE, PROVIDED WITHOUT PRE-PUNCHED KNOCKOUTS. PENETRATIONS IN JUNCTION BOXES SHALL BE CUT OR PUNCHED AS REQUIRED FOR INSTALLATION. PAINT ALL INTERIOR BOXES TO MATCH WALL FINISH. COORDINATE FINISH WITH ARCH. PLANS.

# ABBREVIATIONS

1SR-1	SINGLE CHAMBER SURFACE RACEWAY
3SR-2.5	THREE CHAMBER SURFACE RACEWAY
A.D.A.	AMERICANS WITH DISABILITIES ACT
ADF	AREA DISTRIBUTION FACILITY
A.F.C.	ABOVE FINISHED CEILING
A.F.F.	ABOVE FINISHED FLOOR
ALT	ALTERNATE
A.M.F.F.	ABOVE MEZZANINE FINISHED FLOOR
BDF	BUILDING DISTRIBUTION FACILITY
B.F.C.	BELOW FINISHED CEILING
BLDG.	BUILDING
B.O.H.	BACK OF HOUSE
C.	CONDUIT
CAT.	CATEGORY
CBC	CALIFORNIA BUILDING CODE
CEC	CALIFORNIA ELECTRICAL CODE
COMM.	COMMUNICATIONS
C.L.	CENTERLINE
C.O.	CONDUIT ONLY
CONT.	CONTINUATION
CS	COMMUNICATIONS SYSTEM
(D)	DEMOLISH EXISTING
DED	DEDUCTIVE
ø, DIA.	DIAMETER
DIV	DIVISION
(E)	EXISTING
EA	EACH
EIA	ELECTRONIC INDUSTRIES ASSOCIATION
ELEV.	ELEVATION
E.O.L.	END OF LINE
EQPT.	EQUIPMENT
FIN	FINISHED
FUT	FUTURE
H.R.	HOME RUN
HT.	HEIGHT
J, JBOX	JUNCTION BOX
LAN	LOCAL AREA NETWORK
MATV	MASTER ANTENNA TELEVISION
MAX.	MAXIMUM
MIN.	MINIMUM
MOD.	MODULAR
MON.	MONUMENT
(N)	NEW
NEC	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.E.	OWNER FURNISHED EQUIPMENT
OPP.	OPPOSITE
PNL.	PANEL
PROJ.	PROJECT
P.S.R.H	PROJECT STANDARD RECEPTACLE HEIGHT +18" AFF, U.O.N.
P.S.S.H.	PROJECT STANDARD SWITCH HEIGHT +48" AFF TO Ⓢ, U.O.N.
RE:	REFER TO
REF.	REFERENCE
SIM.	SIMILAR
SM	SINGLE MODE OPTICAL FIBER
SN	SHEET NOTE
SP	SHIELDED PAIR - SEE SPECIFICATIONS
SPEC	SPECIFICATION
S.R.	SURFACE RACEWAY
STD	STANDARD
STP	SHIELDED TWISTED PAIR
T.C.	TELECOMMUNICATIONS CLOSET
TEL	TELEPHONE
TELCOM	TELECOMMUNICATIONS
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
TP	TWISTED PAIR
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
W/	WITH
WP	WEATHERPROOF

CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER:  
**BICA22-004407**  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
 REVIEWED  
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 By: ROSALINA ACUFF



STAMP

DATE 03/11/2021

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM

CLIENT:	KENSINGTON FIRE PROTECTION DISTRICT 217 ARLINGTON AVE KENSINGTON, CA 94707 CONTACT: BILL HANSELL T: (415) 378-9064
ARCHITECT:	MARJANG ARCHITECTURE 930 COLE STREET STE 101 SAN FRANCISCO, CA. 94117 CONTACT: KAREN MAR T: (415) 522-0600
STRUCTURAL:	ZFA STRUCTURAL ENGINEERS 1390 EL CAMINO REAL STE 100 SAN CARLOS, CA 94070 CONTACT: MATT FRANTZ T: (650) 394-8869
CIVIL:	BKF ENGINEERS 1648 N. CALIFORNIA BLVD STE 400 WALNUT CREEK, CA 94596 CONTACT: ERIC SWANSON T: (925) 940-2200
GEOTECH:	HALEY ALDRICH 1956 WEBSTER ST #300 OAKLAND, CA 94612 CONTACT: CATHERINE ELLIS T: (510) 879-4544
MEP:	LIST ENGINEERING CO. 2 HARRIS CT STE A7 MONTEREY, CA 93940 CONTACT: RON BLUE T: (831) 373-4390
AUDIO/VISUAL:	SMITH FAUSE MCDONALD INC. 351 8TH STREET SAN FRANCISCO, CA 94103 CONTACT: PETER MCDONALD T: (415) 255-9140
ESTIMATOR:	MICROESTIMATION INC. 850 S. VAN NESS AVE. #26 SAN FRANCISCO, CA 94110 CONTACT: HENRY TOORYANI T: (415) 826-9626

NO.	DESCRIPTION	DATE
	100% DESIGN DEVELOPMENT	12/17/2021
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 GENERAL NOTES, LEGEND, SYMBOLS,  
 ABBREVIATIONS AND JBOX SCHEDULE

**TY001**



KEYNOTES  
TKN2045 CONFIGURE THE READER TO PROVIDE ACCESS FOR A VALID FOB OR A VALID CODE.

**Smith, Fause & McDonald Inc.**  
351 8th Street, San Francisco, CA 94103  
(415) 255-9140 Fax (415) 255-9180  
www.sfmi.com info@sfmi.com

STAMP  
*Ray Enriquez*  
DATE 03/11/2021  
RAY ENRIQUEZ  
REGIS. NO. 106011  
EXPIRES 12/31/2022

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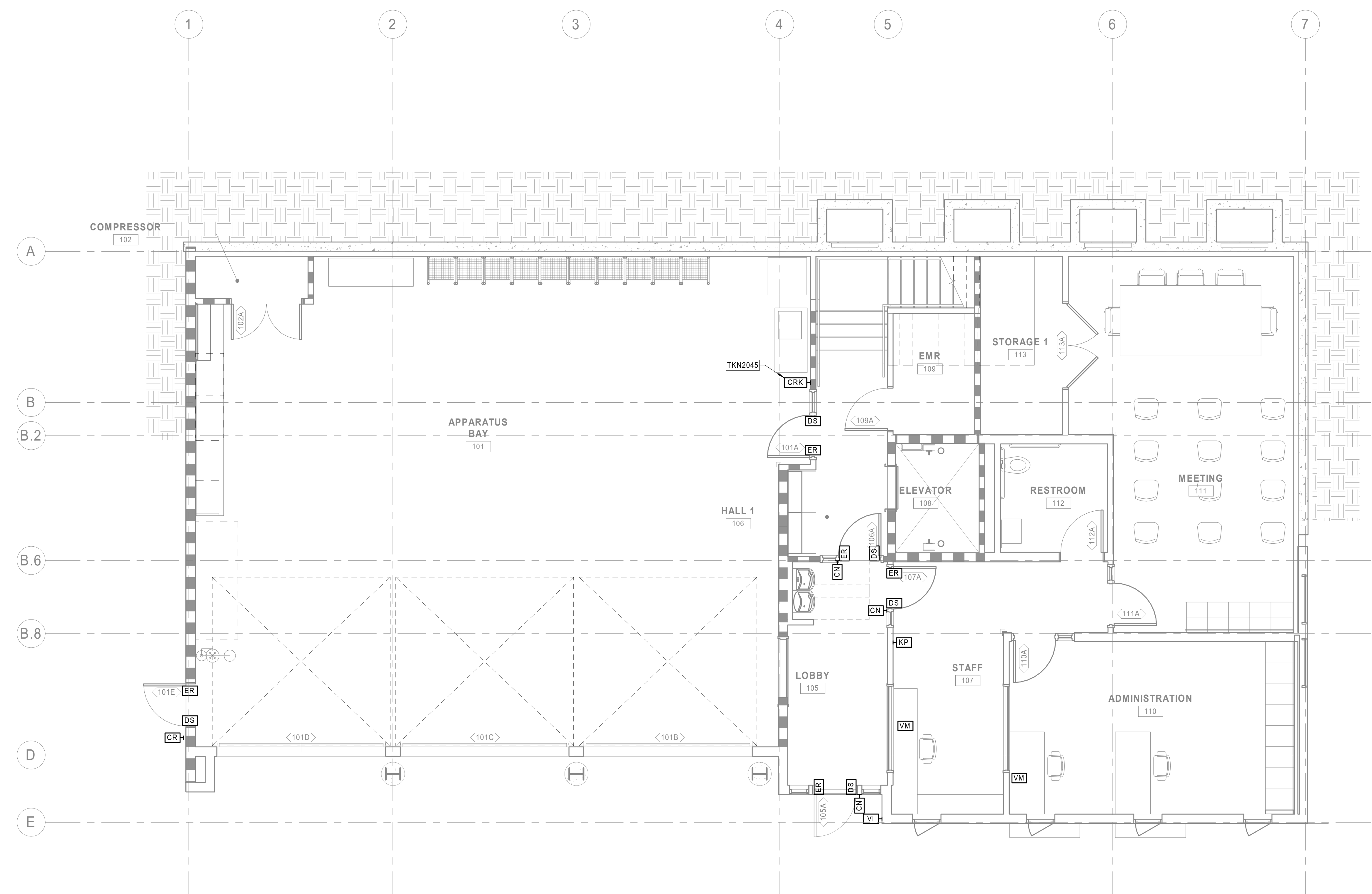
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JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
ELEC. SECURITY - GROUND FLOOR PLAN

**TY202**



1 ELEC. SECURITY - GROUND FLOOR PLAN  
1/4" = 1'-0"

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
PERMIT NUMBER:  
BICA22-004407  
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10:13 am, Aug 05, 2022  
REVIEWED  
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By: ROSALINA ACUFF



KEYNOTES

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 351 8th Street, San Francisco, CA 94103  
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 www.sfmi.com info@sfmi.com

STAMP

DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

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 CONTACT: KAREN MAR  
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 1390 EL CAMINO REAL STE 100  
 SAN CARLOS, CA 94070  
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 T: (650) 394-8869

CIVIL: BKF ENGINEERS  
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GEOTECH: HALEY ALDRICH  
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 CONTACT: CATHERINE ELLIS  
 T: (510) 879-4544

MEP: LIST ENGINEERING CO.  
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 CONTACT: RON BLUE  
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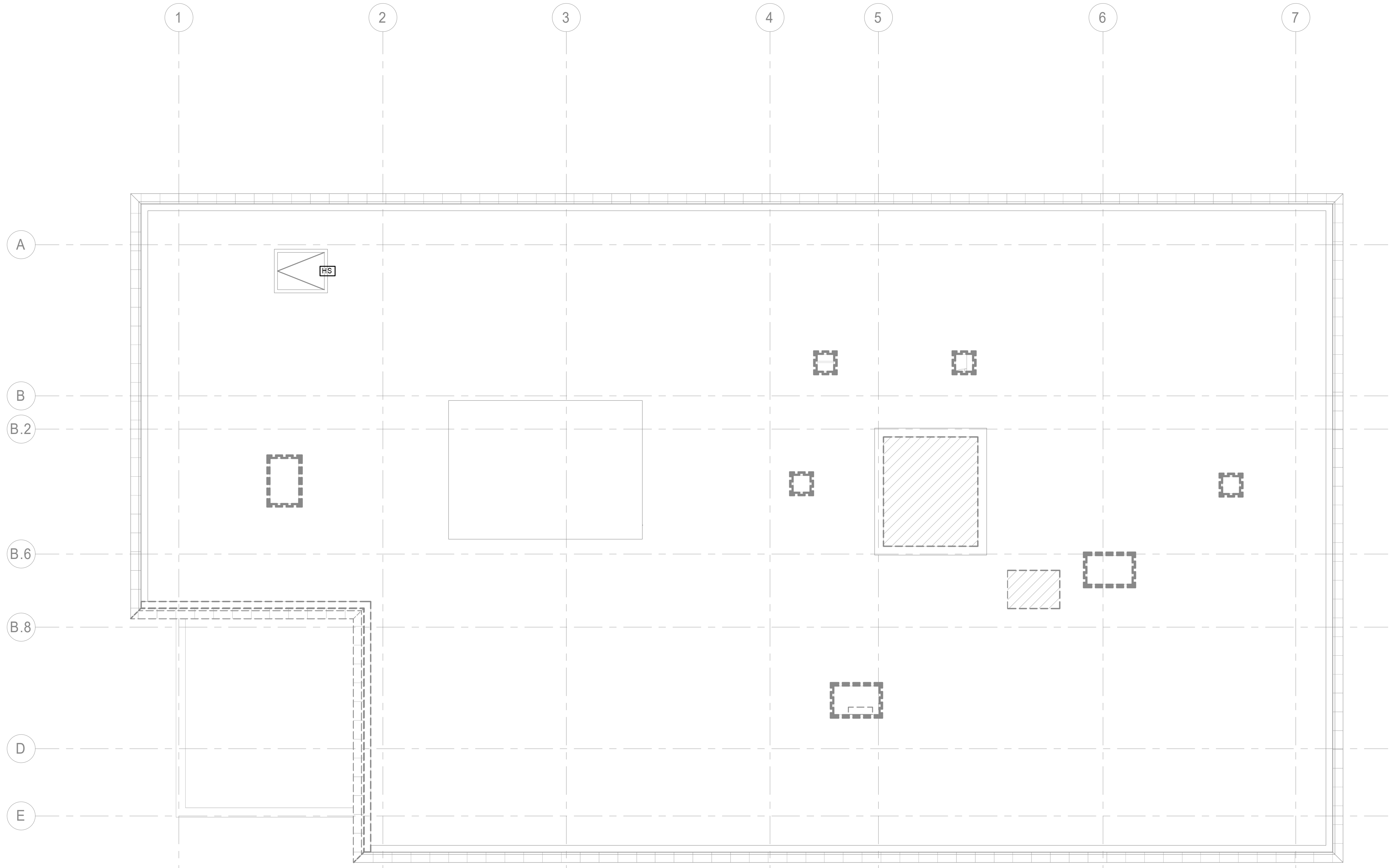
ESTIMATOR: MICROESTIMATION INC.  
 850 S. VAN NESS AVE. #26  
 SAN FRANCISCO, CA 94110  
 CONTACT: HENRY TOORYANI  
 T: (415) 826-9626

NO.	DESCRIPTION	DATE
100%	DESIGN DEVELOPMENT	12/17/2021
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 ELEC. SECURITY - ROOF PLAN

TY205



CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER:  
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 By: ROSALINA ACUFF

1 ELEC. SECURITY - ROOF PLAN  
 1/4" = 1'-0"



KEYNOTES

STAMP

*Ray Enriquez*  
 DATE 03/11/2021  
**RAY ENRIQUEZ**  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

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**KENSINGTON, CA 94707**

PROJECT TEAM

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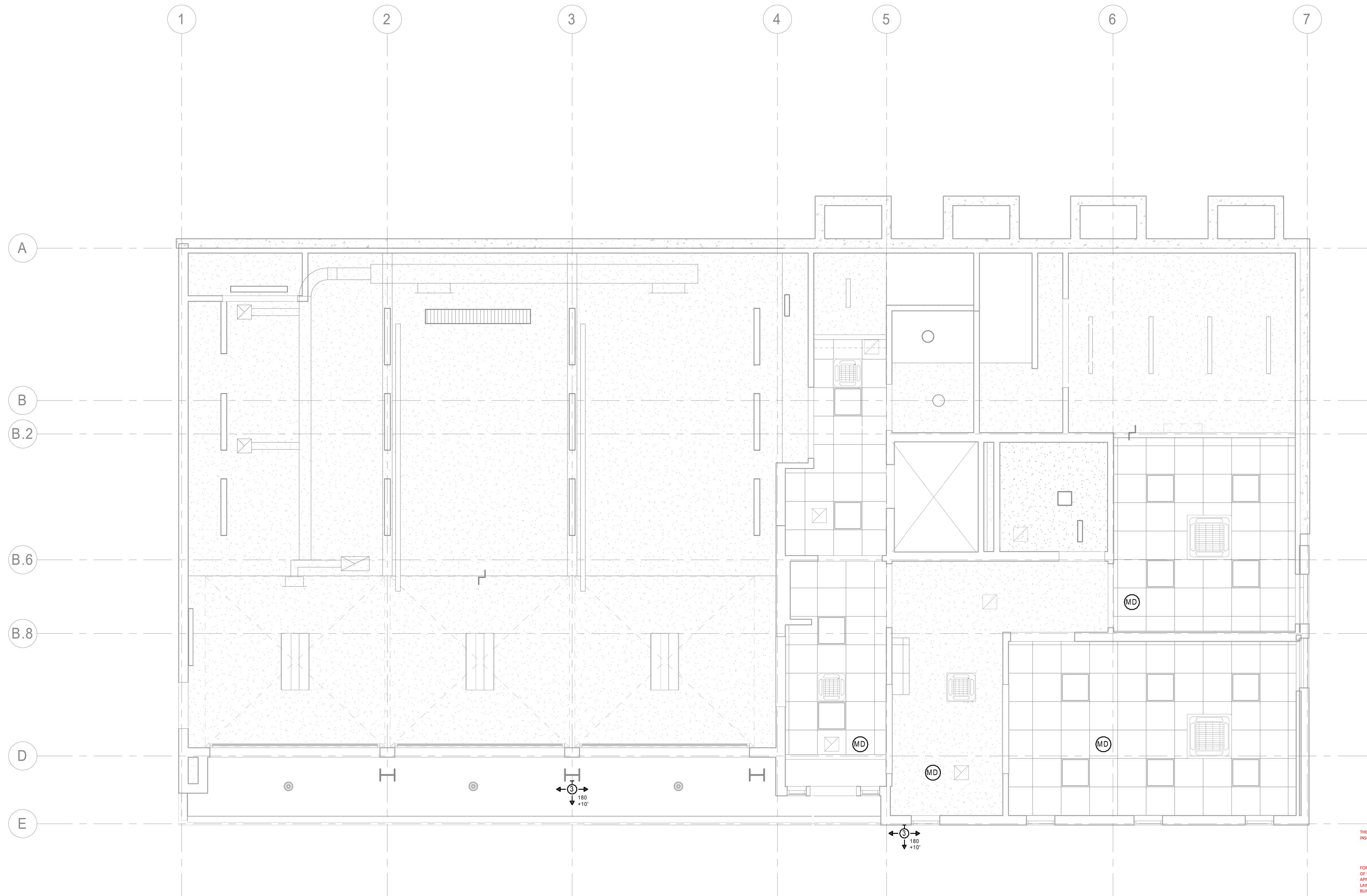
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1 ELEC. SECURITY - FIRST FLOOR RCP  
 1/4" = 1'-0"

CONTRA COSTA COUNTY  
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JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 ELEC. SECURITY - FIRST FLOOR RCP

**TY602**

KEYNOTES	
TKN2030	PROVIDE CORNER BRACKET TO HAVE A 270 DEGREE COVERAGE.

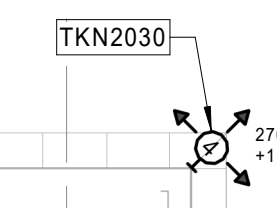
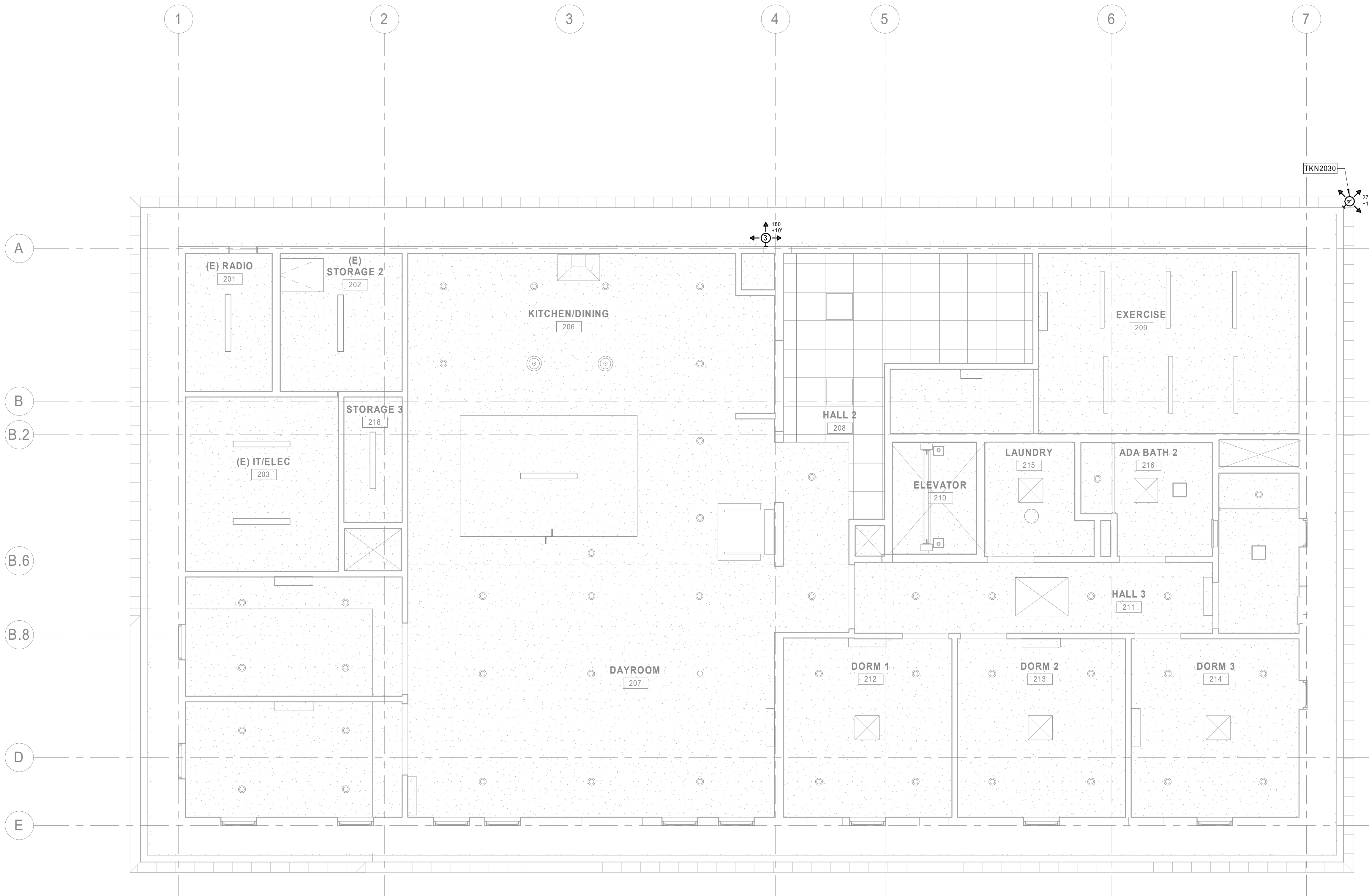
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NO.	DESCRIPTION	DATE
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JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 ELEC. SECURITY - SECOND FLOOR RCP

CONTRA COSTA COUNTY  
**BUILDING INSPECTION DIVISION**  
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① ELEC. SECURITY - SECOND FLOOR RCP  
 1/4" = 1'-0"

TY604

STAMP  
  
 DATE: 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

- PROJECT TEAM
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NO.	DESCRIPTION	DATE
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JOB NO.  
 0000 KENSINGTON FIRE PROTECTION DISTRICT  
 PUBLIC SAFETY BUILDING

DESCRIPTION  
 ACCESS CONTROL AND IDS SINGLE LINE  
 DIAGRAM

**TY701**

**SHEET NOTES**

1 FUNCTIONAL BLOCK DIAGRAMS ARE DIAGRAMMATIC. CONTRACTOR TO SUBMIT SHOP DRAWINGS INDICATING EXACT QTY AND LOCATION OF ACCESS CONTROLLERS AND RELATED HARDWARE REQUIRED TO MEET THE FUNCTIONAL REQUIREMENTS OF THE PROJECT.

**KEYNOTES**

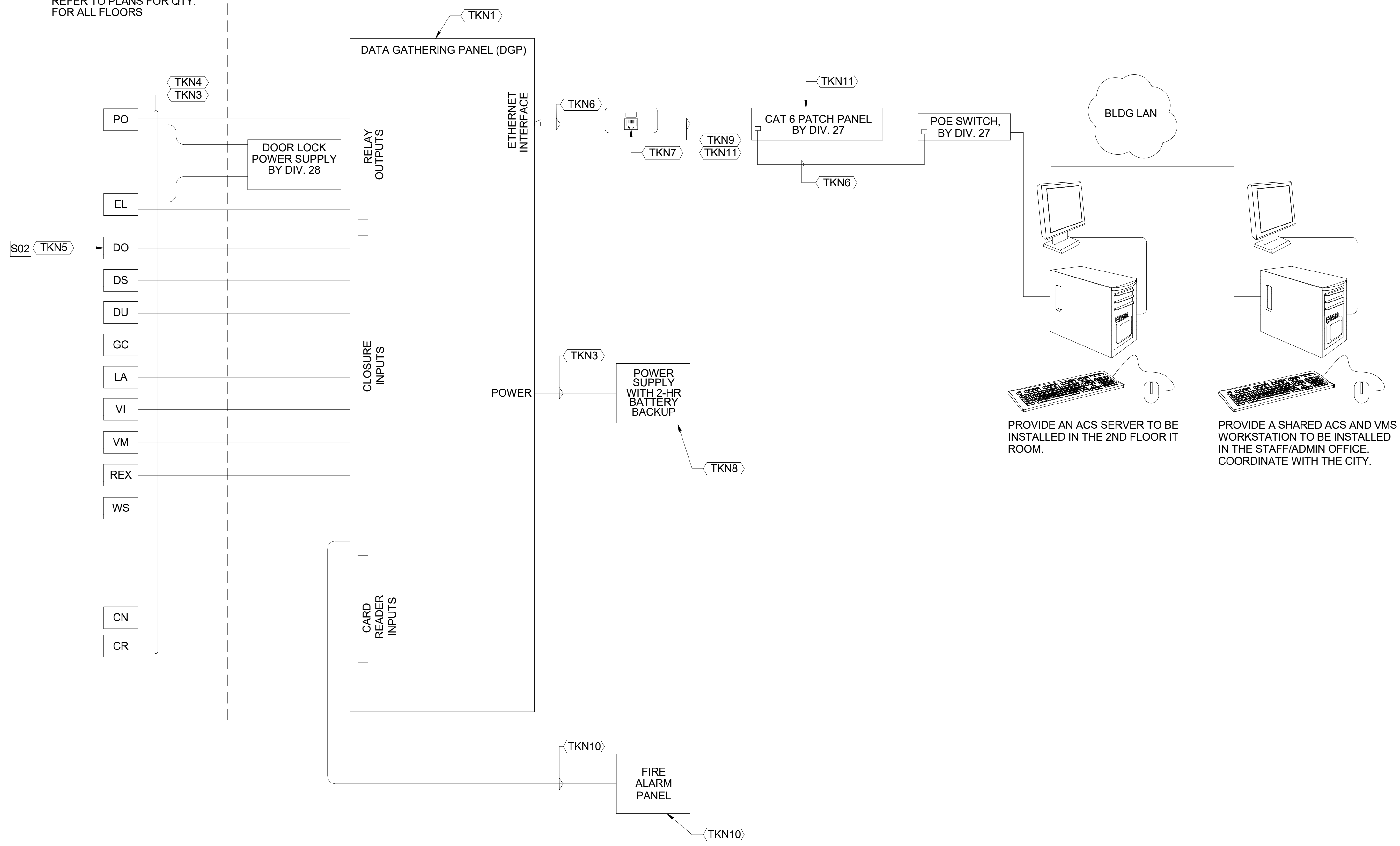
- TKA ARCHITECTURAL: COMPLY WITH DIVISIONS 3 THROUGH 14 - SEE ARCHITECTURAL DRAWINGS.
- TKA1 DOOR POWER OPERATOR, WHERE OCCURS - REFER TO DOOR SCHEDULE AND DIVISION 8 SPECIFICATIONS.
- TKN TELECOMMUNICATIONS & ELECTRONIC SECURITY SYSTEMS: COMPLY WITH DIVISIONS 27 & 28.
- TKN1 PROVIDE AS MANY AS REQUIRED TO SUPPORT ALL END DEVICES AND SENSORS. REFER TO PLANS FOR QUANTITY.
- TKN2 NOT USED.
- TKN3 PROVIDE WIRE GAGE, SHIELDING, PAIR COUNT AND CONSTRUCTION AS REQUIRED TO SUIT DEVICE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. BRING ALL CONTACT POINTS BACK TO THE SECURITY ELECTRONICS TERMINAL ENCLOSURES AT THE IDF ROOMS - DO NOT LOOP OR DAISY CHAIN ANY FIELD DEVICES UNLESS THEY ARE SPECIFIED AS DIGITALLY ADDRESSABLE TYPE. PROVIDE JACKET TYPE IN CONFORMANCE WITH THE INSTALLATION CONDITIONS AND THE CALIFORNIA ELECTRIC CODE.
- TKN4 PLACE ALL SECURITY ELECTRONICS WIRING INSIDE TR'S AREA IN METALLIC RACEWAY FROM THE POINT OF ENTRY TO ROOM. WITHIN TR ROOM, PROTECT IN SURFACE MOUNTED GUTTER AT BACKBOARDS.
- TKN5 THE ADA DOOR OPERATOR/ACTUATOR SHALL BE CONTROLLED BY THE ACS CONTROLLER.
- TKN6 CAT 6 PATCH CORDS. PROVIDE QTY. AS REQUIRED.
- TKN7 MULTIMEDIA PLATE (BISCUIT BOX) BY FOR TERMINATION OF STATION CABLING. CONCEAL INSIDE ACS GUTTER.
- TKN8 PROVIDE POWER SUPPLY WITH 2-HR BATTERY BACKUP, AS SPECIFIED.
- TKN9 1 CAT 6 CABLE. REFER TO PLANS.
- TKN10 INPUT CLOSURE FROM FIRE ALARM PANEL. COORDINATE WITH THE CITY WHICH DOORS REQUIRE TO BE UNLOCKED.
- TKN11 WORK OF DIV. 27.

**SEQUENCE OF OPERATION**

- S01 IN THE NORMAL STATE, THE DOOR IS CLOSED, LOCKED ON THE UNSECURED SIDE, AND UNLOCKED FROM THE SECURED SIDE. NORMAL OPERATION IS BY ACCESS CARD ON THE UNSECURED SIDE AND BY DOOR HARDWARE FROM THE SECURED SIDE. THE REQUEST-TO-EXIST MICROSWITCH, OPERATED BY THE SECURED SIDE DOOR HARDWARE, WILL SHUNT THE ALARM. IF THE DOOR IS HELD PAST THE PRESET OPEN TIME OR IF THE DOOR IS LEFT OPEN OR IS FORCED OPEN, AN ALARM WILL BE SENT TO THE ELECTRONIC SYSTEM NETWORK UNTIL THE DOOR IS CLOSED. IF THE DOOR IS OPENED FROM THE UNSECURED SIDE WITH A KEY, A DOOR FORCED ALARM WILL BE GENERATED.
- S02 AFTER OFFICE HOURS, THE HANDICAP DOOR OPERATOR (DO) AT THE UNSECURED SIDE WILL BE NON-OPERATIONAL UNLESS A VALID ACCESS CARD IS PRESENTED TO THE CARD READER AFTER WHICH, PRESSING THE HANDICAP DOOR OPERATOR WILL UNLOCK AND OPEN THE DOOR.

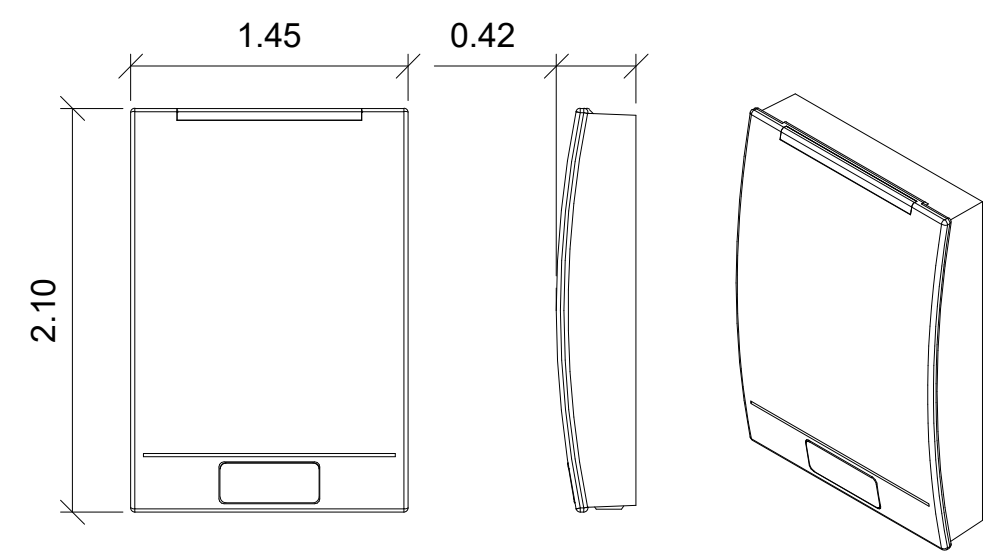
END DEVICES AND SENSORS REFER TO PLANS FOR QTY. FOR ALL FLOORS

IT/ELEC ROOM 203

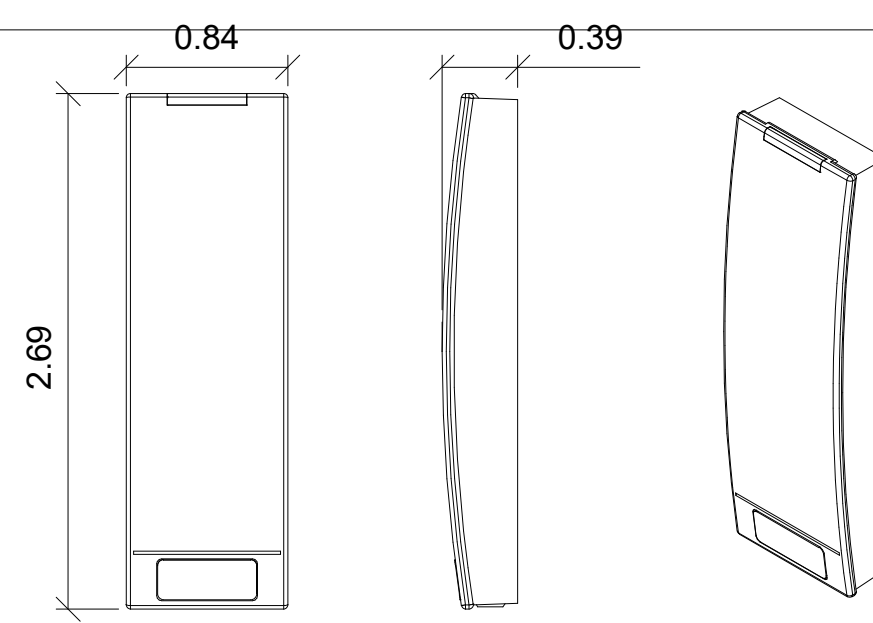


1 ACCESS CONTROL AND IDS SINGLE LINE DIAGRAM  
 NTS 1 S01 S02

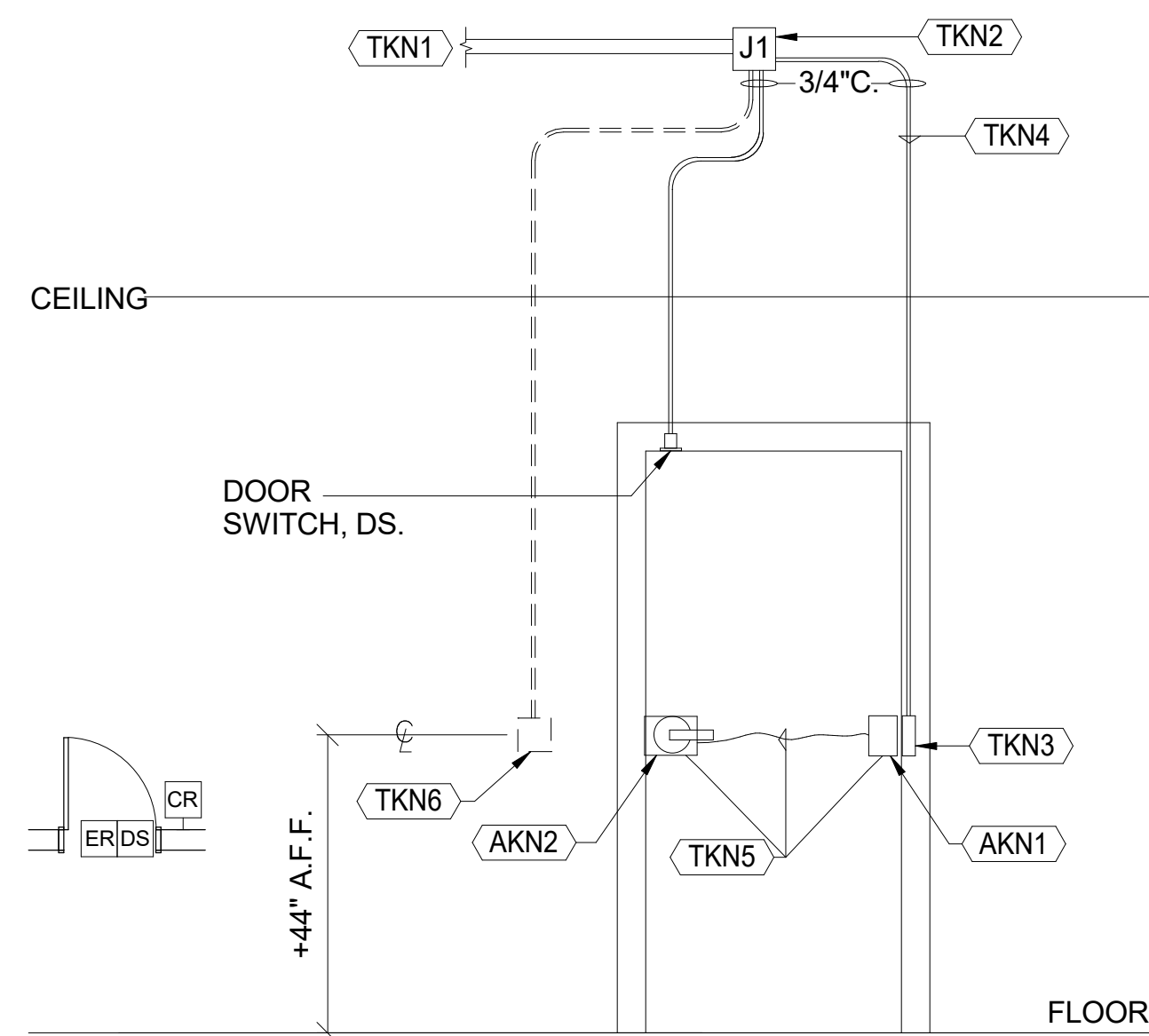
CONTRA COSTA COUNTY  
 BUILDING INSPECTION DIVISION  
 PERMIT NUMBER:  
 BICA22-004407  
 THESE PLANS MUST BE KEPT ON THE PREMISES AND ACCESSIBLE TO INSPECTORS AT ALL TIMES.  
 10:13 am, Aug 05, 2022  
 REVIEWED  
 FOR COMPLIANCE WITH COUNTY BUILDING AND CODES, THE STAMPING OF THIS DOCUMENT SHALL NOT BE HELD TO PERMIT OR TO BE AN APPROVAL OF THE VIOLATIONS OF ANY COUNTY ORDINANCE OR STATE LAW. NO CHANGES SHALL BE MADE WITHOUT AUTHORIZATION FROM THE BUILDING OFFICE.  
 By: ROSALINA ACUFF



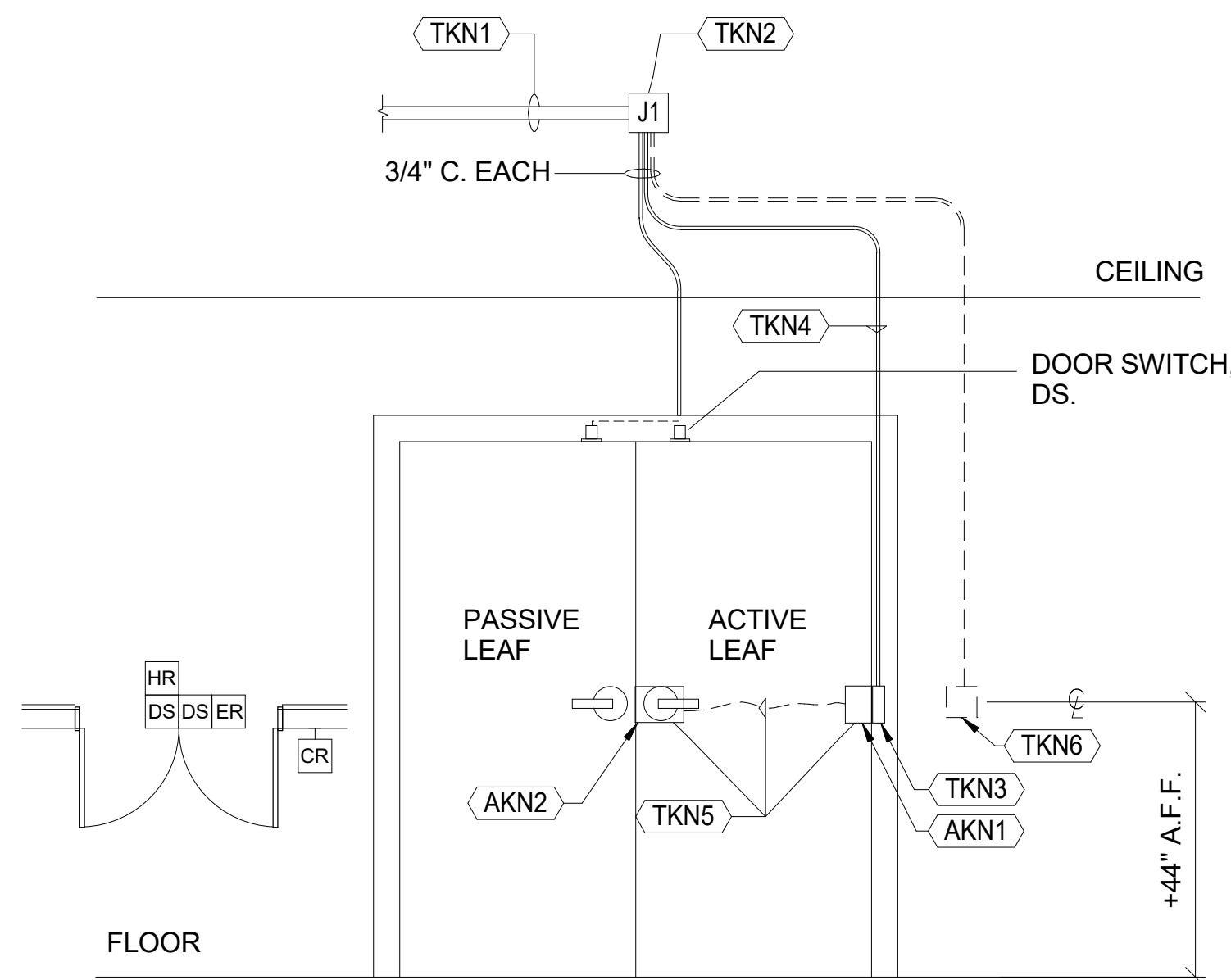
**1 CARD READER - TYPE CR** NTS



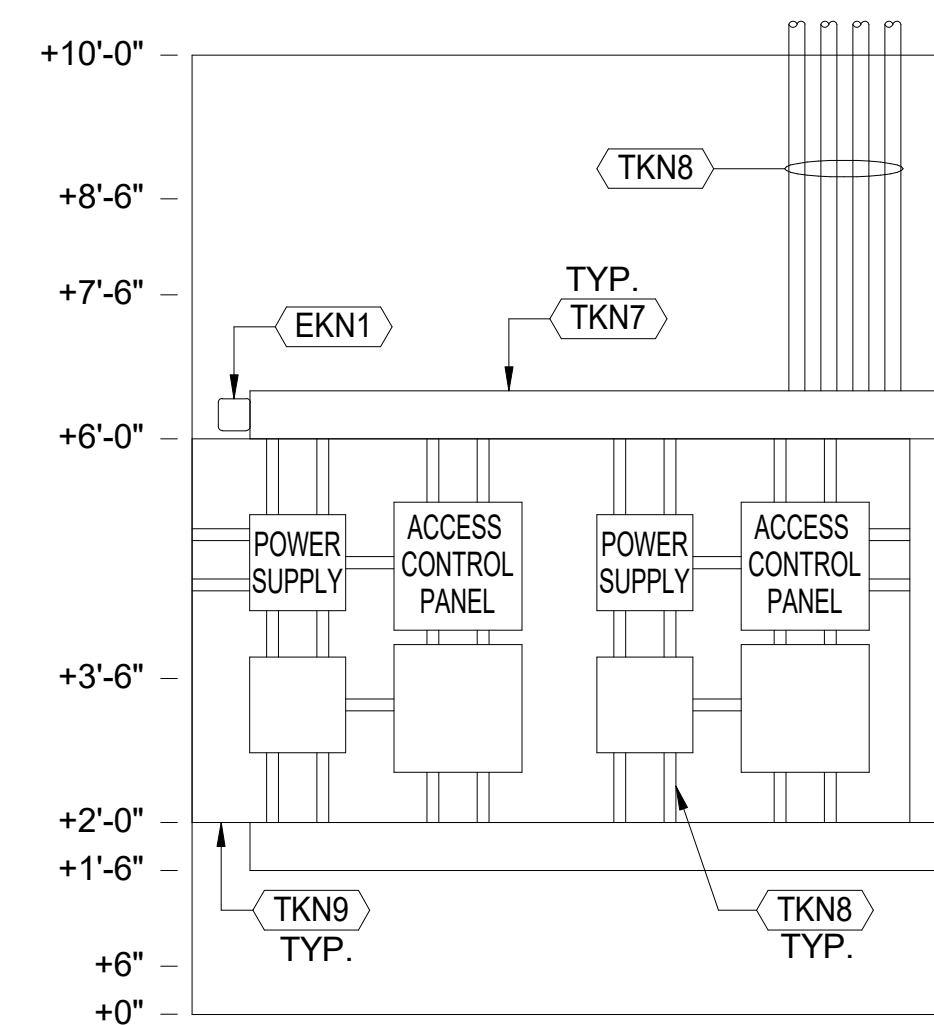
**2 CARD READER - TYPE CN** NTS



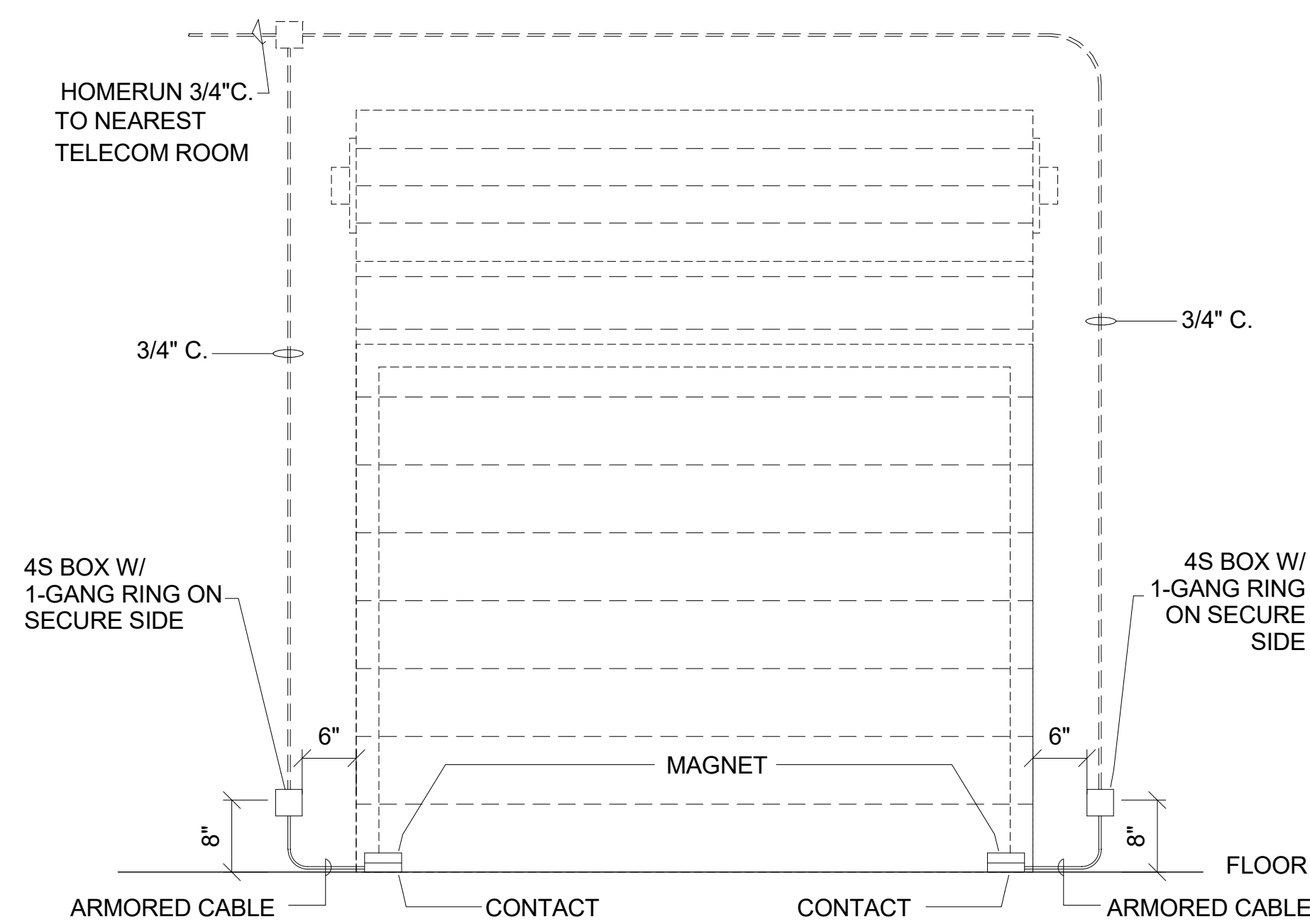
**3 TYPICAL ACCESS CONTROLLED SINGLE DOOR ELEVATION, DOOR HARDWARE EXIT ALARM SUPPRESSION** NTS



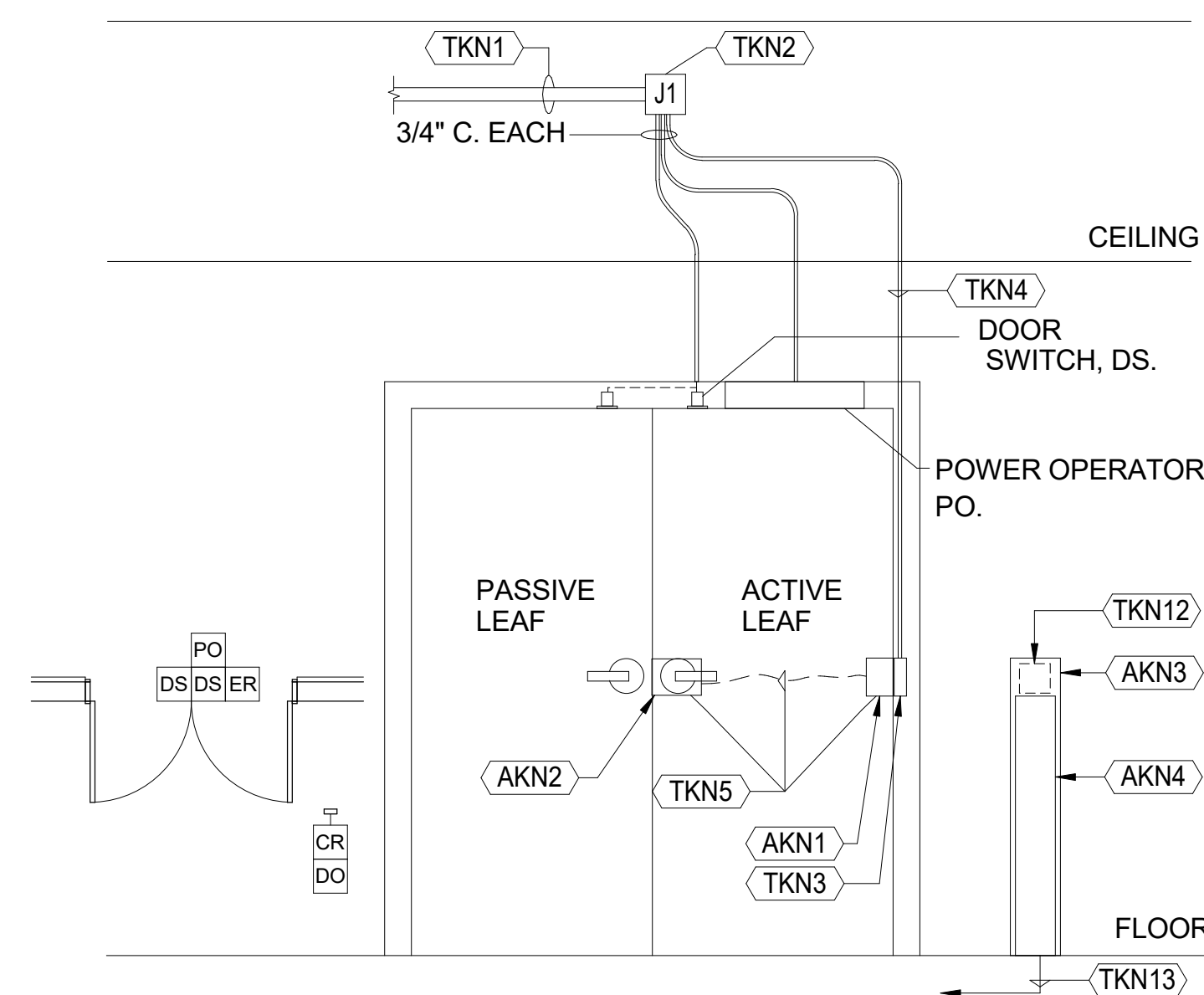
**4 TYPICAL ACCESS CONTROLLED DOUBLE DOOR OPENING, WALL MOUNT CARD READER, DOOR HARDWARE EXIT ALARM SUPPRESSION** NTS



**5 ACS ELEVATION** NTS



**6 DU - OVERHEAD DOOR POSITION SWITCH** NTS



**7 TYPICAL ACCESS CONTROLLED DOUBLE DOOR OPENING, PEDESTAL MOUNT CARD READER, DOOR HARDWARE EXIT ALARM SUPPRESSION** NTS

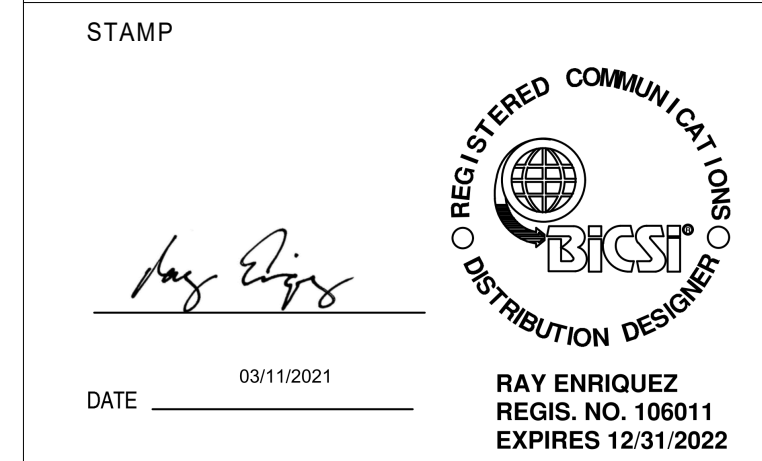
**SHEET NOTES**

1. NOT EVERY DOOR CONDITION IS DEPICTED. REFER TO THE FLOOR PLANS FOR THE DEVICES REQUIRED AT EACH OPENING AND PROVIDE ROUGH-IN AS REQUIRED BASED ON SIMILAR ASSEMBLIES DETAILED ON THE TY SHEETS.
2. AT ACCESSIBLE CEILING CONDITIONS, SUPPORT ELECTRONIC SECURITY CABLING ON CABLE HOOKS OR BASKET TRAYS.
3. WHERE ESS SIGNAL CABLING IS CONSOLIDATED WITH A NETWORK OF CONDUITS AND PULL BOXES, MAINTAIN 40% MAXIMUM FILL.
4. HORIZONTAL ARRANGEMENT OF DEVICES MAY VARY - REFER TO THE FLOOR PLANS FOR THE REQUIRED ARRANGEMENTS. CARD READERS SHOULD GENERALLY BE PLACED ADJACENT TO THE DOOR HANDLE OF THE ACCESS CONTROLLED DOOR. REFER TO THE DIVISION 8 HW SCHEDULES AND THE APPROVED DIVISION 8 SUBMITTALS TO DETERMINE WHETHER EL OR ES ARE USED AT EACH OPENING.

**KEYNOTES**

- AKN ARCHITECTURAL. WORK OF DIVISIONS 8.
- AKN1 TRANSFER HINGE WITH 2 PR CONDUCTORS MIN.
- AKN2 ER - DOOR HANDLE OR PANIC HARDWARE WITH MECHANICAL LOCK AND INTEGRAL ALARM SUPPRESSION MICRO-SWITCH TO DETECT OPERATION OF DOOR FROM SECURE SIDE.
- AKN3 ARCHITECTURAL PEDESTAL - WHERE OCCURS, SEE PLANS.
- AKN4 DO - POWERED DOOR OPERATOR SWITCH MOUNTED TO PEDESTAL OR WALL ON BOTH SECURE AND UN-SECURE SIDES OF OPENING. WIRED TO DGP BY DIVISION 28.
- EKN1 PROVIDE TWO DEDICATED 20A CKT, 120V HARDWIRED FOR ACCESS CONTROL SYSTEM POWER.
- TKN ELECTRONIC SECURITY SYSTEMS: COMPLY WITH DIVISION 28.
- TKN1 EXTEND 1.25" MIN C. TO THE NEAREST TELECOM ROOM.
- TKN2 LOCATE ABOVE DOOR AT SECURED ACCESSIBLE CEILING CONDITIONS. AT GYP CEILING CONDITIONS, LOCATE REMOTELY AT NEAREST UTILITY SPACE.
- TKN3 PROVIDE MUD BOX INSIDE DOOR FRAME AT GROUTED DOOR ASSEMBLIES.
- TKN4 STUB CONDUIT INSIDE DOOR FRAME TO ABOVE THE MIDDLE HINGE OPPOSITE DOOR HANDLE/EL/ER/ES/PANIC HW. MEASURE DOOR ON SITE. COORDINATE SIDE OF DOOR SCHEDULED TO RECEIVE ACTIVE DOOR HARDWARE, INCLUDING EL OR ES WITH WORK OF DIVISION 8
- TKN5 DOOR HARDWARE (DOOR HANDLE, ES, EL, ER, AND/OR PHR AS APPLIES) AND TRANSFER HINGE FURNISHED AND INSTALLED UNDER THE WORK OF DIVISION 8. WORK OF DIVISION 28 WIRES LOCKING HARDWARE VIA TRANSFER HINGE AND PROVIDES WIRING AND PATHWAY BACK TO DGP.
- TKN6 WALL OR PEDESTAL MOUNTED CARD READER WITH 4S BOX AND 1 GANG RING INSTALLED FACING UN-SECURE SIDE OF DOOR. REFER TO PLANS FOR LEFT OR RIGHT SIDE PLACEMENT.
- TKN7 PROVIDE 6"x6" METALLIC WIREWAY/GUTTER.
- TKN8 PROVIDE MULTIPLE 1"C. AND 2"C. AS REQUIRED.
- TKN9 PROVIDE 3/4" THICK FIRE RESISTANT TREATED PLYWOOD BACKBOARD. PROVIDE AS MANY AS SHOWN ON PLAN. PAINT COLOR WHITE TRIM TO FIT. LEAVE ONE FIRE RATING STAMP PER SHEET OF PLYWOOD UNPAINTED.
- TKN10 FUTURE WALL OR PEDESTAL MOUNTED CARD READER WITH 4S BOX AND 1 GANG RING INSTALLED FACING UN-SECURE SIDE OF DOOR. REFER TO PLANS FOR LEFT OR RIGHT SIDE PLACEMENT.
- TKN11 EXTEND 1" CONDUIT TO ACCESSIBLE CEILING SPACE.
- TKN12 CARD READER MOUNTED TO WALL OR PEDESTAL AT POWER DOOR OPERATOR ENABLED ENTRIES ON UN-SECURE SIDE.
- TKN13 PROVIDE 1" C. TO NEAREST IDF ROOM.

CONTRA COSTA COUNTY  
BUILDING INSPECTION DIVISION  
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By: ROSALINA ACUFF



PROJECT ADDRESS  
**217 ARLINGTON AVE.  
KENSINGTON, CA 94707**

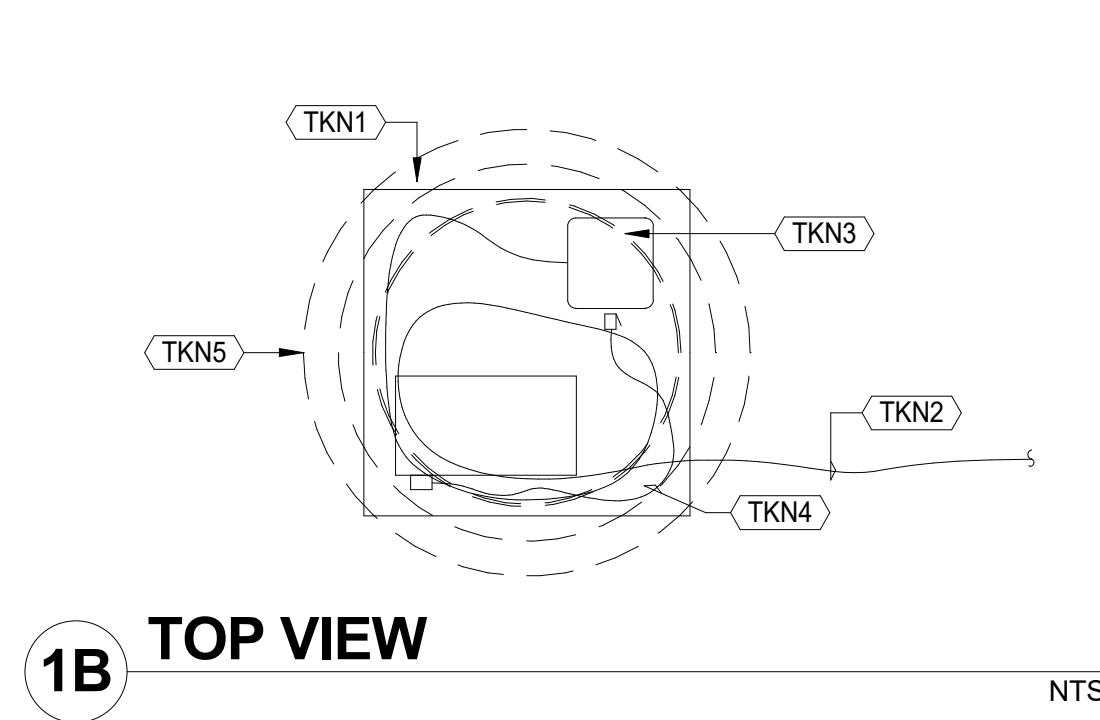
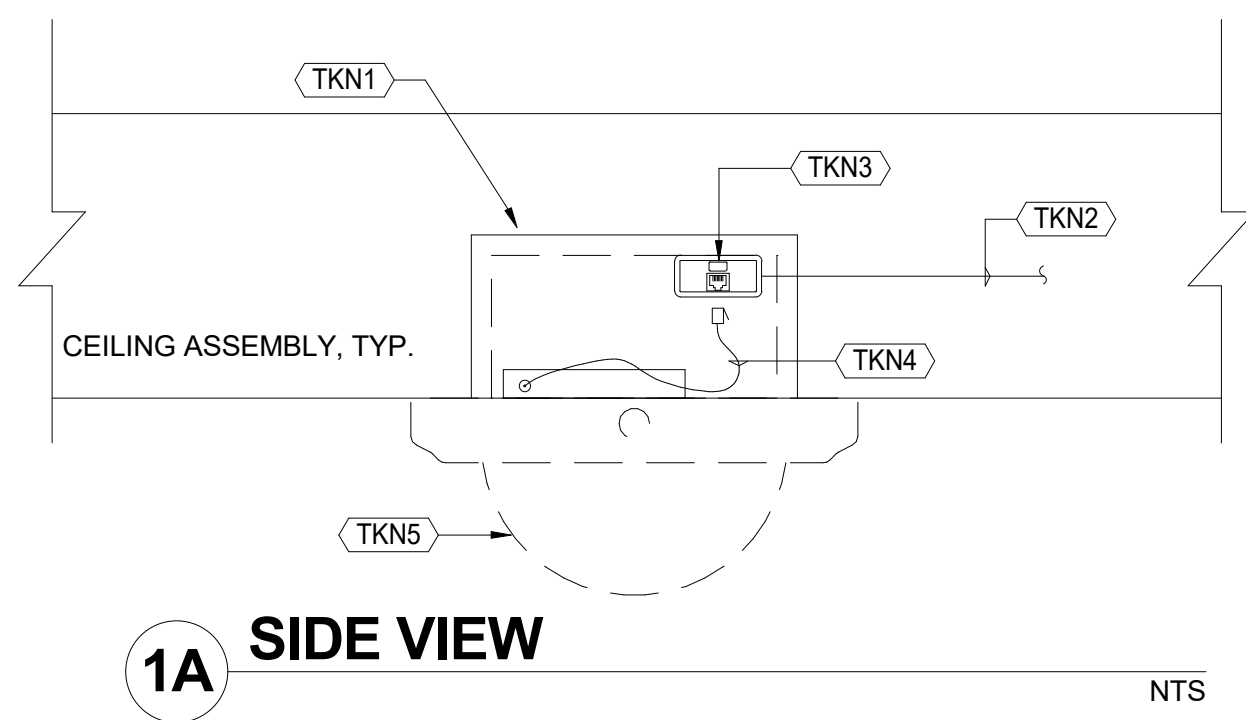
PROJECT TEAM  
CLIENT: KENSINGTON FIRE PROTECTION DISTRICT  
217 ARLINGTON AVE  
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CONTACT: BILL HANSELL  
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SAN CARLOS, CA 94070  
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2 HARRIS CT STE A7  
MONTEREY, CA 93940  
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351 8TH STREET  
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CONTACT: PETER MCDONALD  
T: (415) 255-9140  
ESTIMATOR: MICROESTIMATION INC.  
850 S. VAN NESS AVE, #26  
SAN FRANCISCO, CA 94110  
CONTACT: HENRY TOORYANI  
T: (415) 826-9626

NO.	DESCRIPTION	DATE
	100% DESIGN DEVELOPMENT	12/17/2021
	ISSUED FOR PERMIT	04/01/2021

JOB NO.  
0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

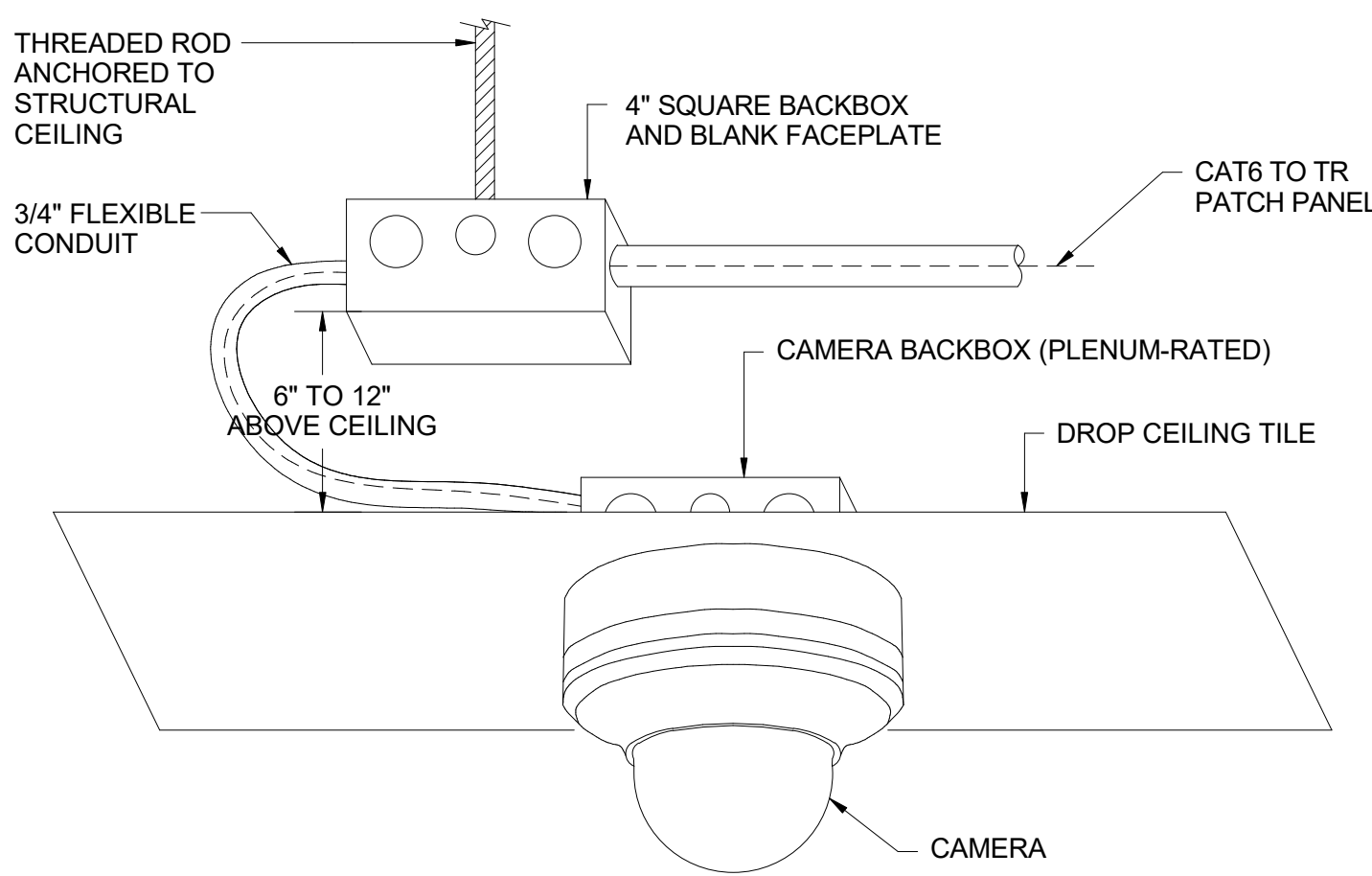
DESCRIPTION  
DETAILS - ELECTRONIC SECURITY SYSTEMS ACCESS CONTROL

**TY901**



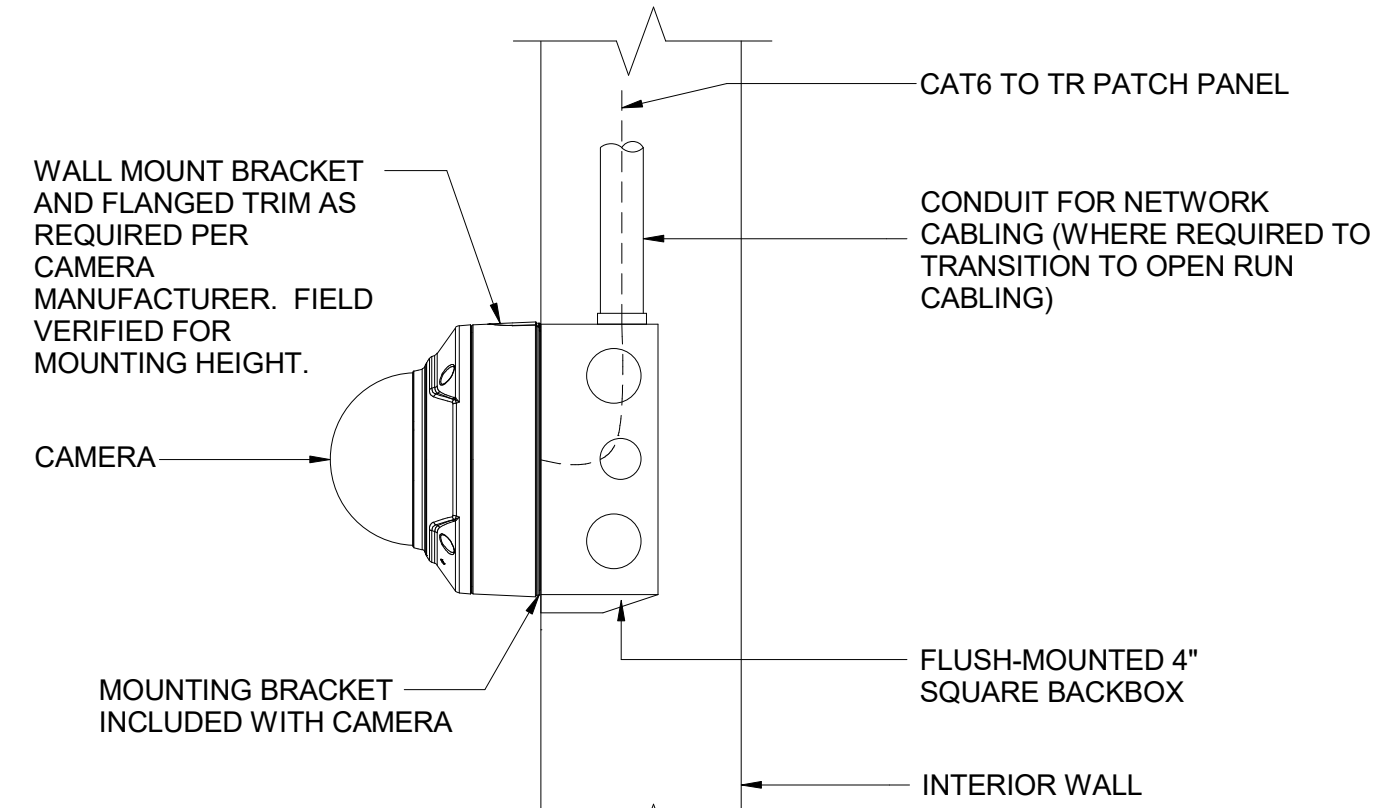
**1 IP CAMERA WIRING DETAIL**

CATEGORY MEDIA STATION CABLING TO IP CAMERAS TO TERMINATE AT PERMANENT ENCLOSURE/JACK ASSEMBLY, AND A PATCH CORD SHALL BE USED TO MAKE THE CONNECTION FROM THE PERMANENTLY INSTALLED JACK TO THE CAMERA.



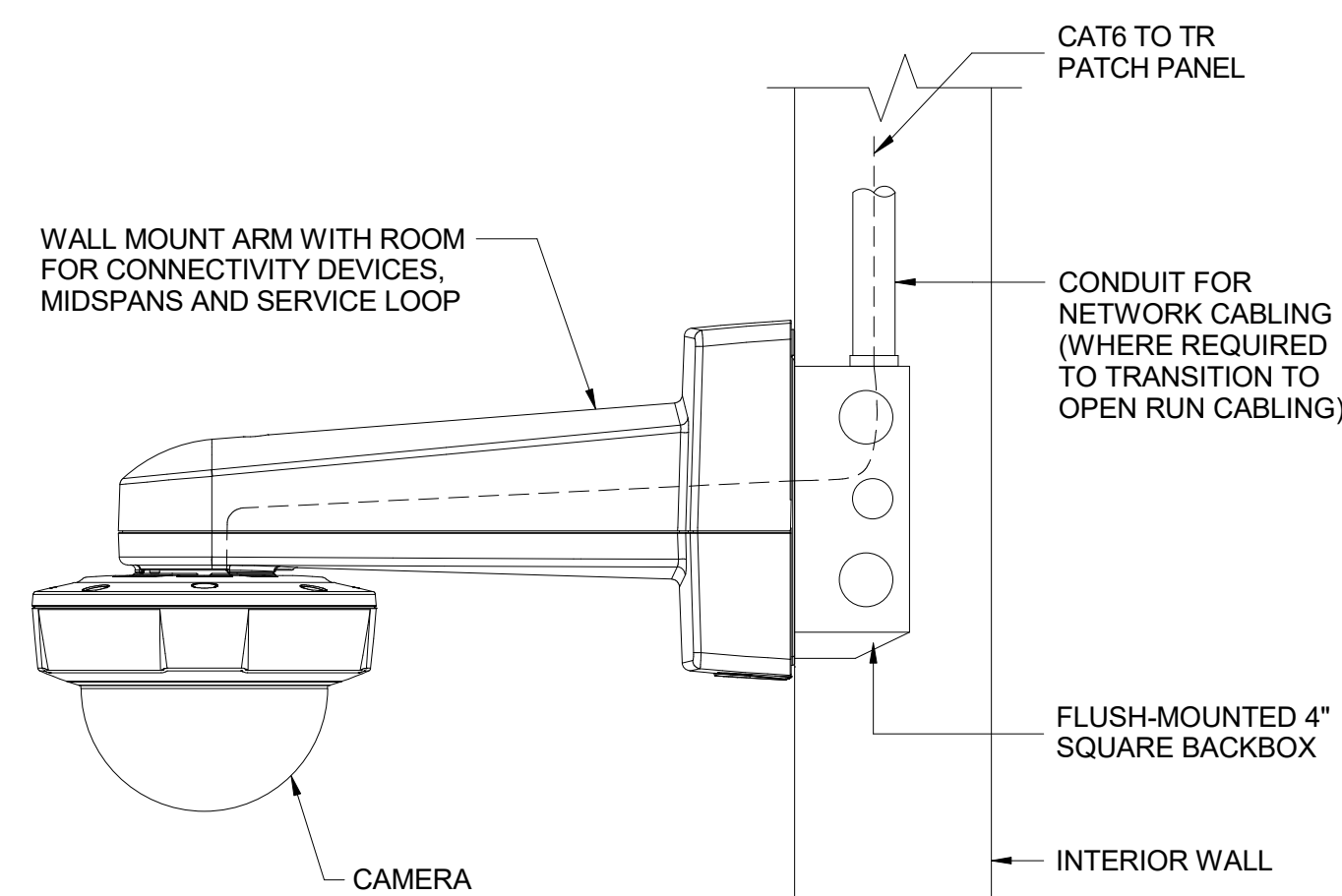
**NOTES:**  
 1) CAMERAS AND CONDUIT SHALL BE INDEPENDENTLY SUPPORTED AND SHALL NOT RELY ON CEILING SYSTEM CABLE SUPPORTS, FRAME OR TILES FOR SUPPORT.  
 2) WHERE CEILING-MOUNTED CAMERAS ARE TO BE INSTALLED ON CEILING TILES, THEY SHALL BE CENTERED ON THE TILE IN BOTH DIRECTIONS.

**3 DOME CAMERA DROP CEILING MOUNT TYP.**



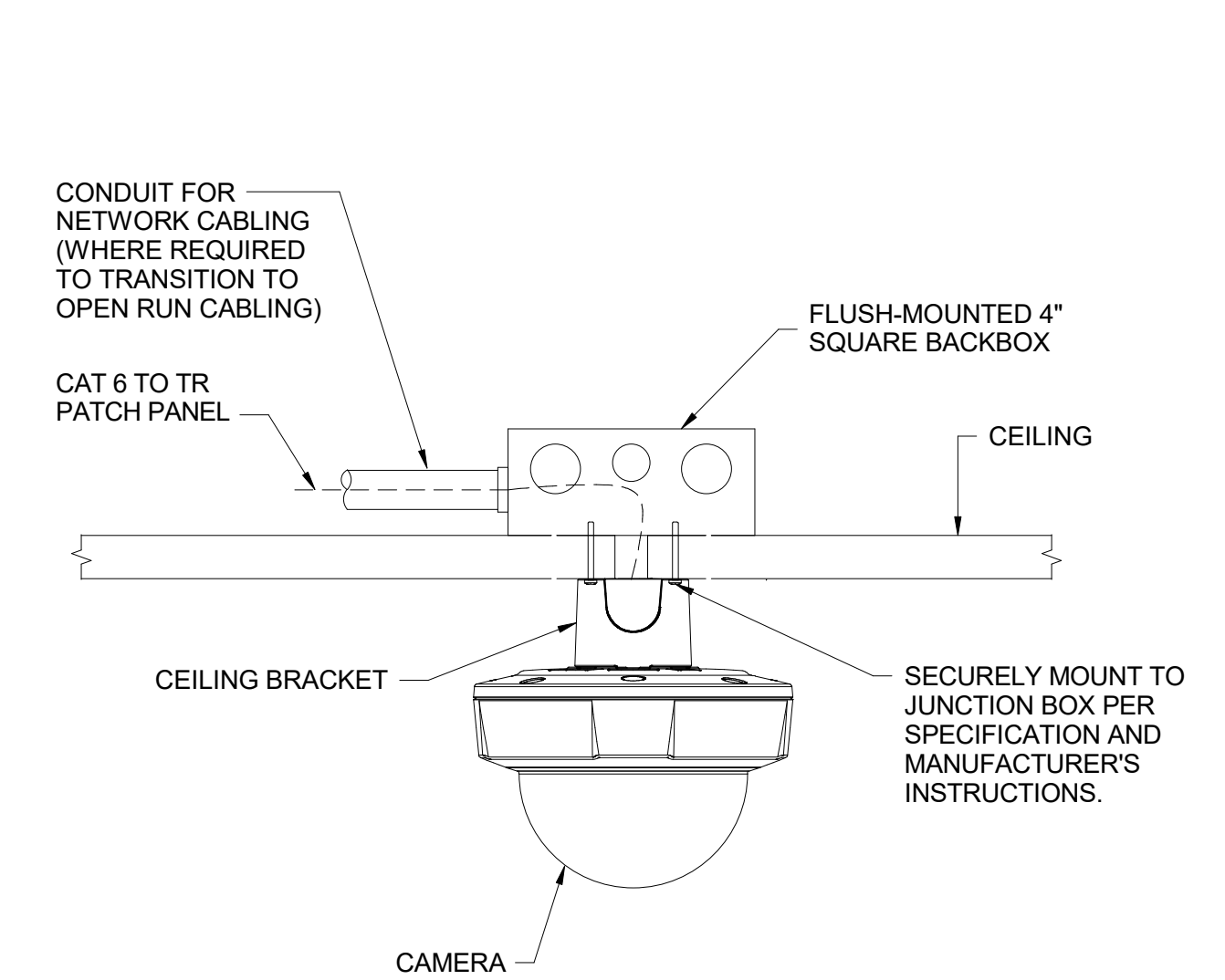
**NOTE:**  
 1) CAMERA SHALL BE INDEPENDENTLY FASTENED TO THE WALL VIA BACKBOX USING MANUFACTURER RECOMMENDED MOUNTING HARDWARE.

**4 DOME CAMERA WALL SURFACE MOUNT TYP.**

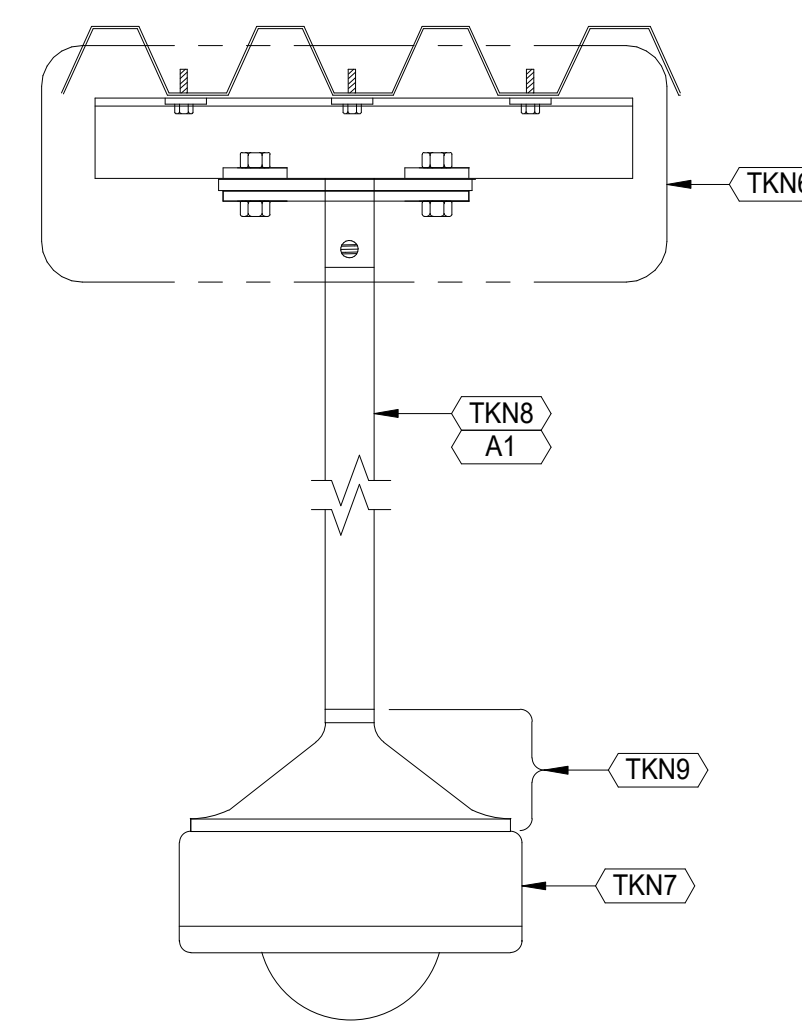


**NOTE:**  
 1) FOR EXTERIOR CAMERA USE INCLUDED WEATHERPROOF HOUSING.

**6 180° CAMERA WALL ARM MOUNT TYP.**



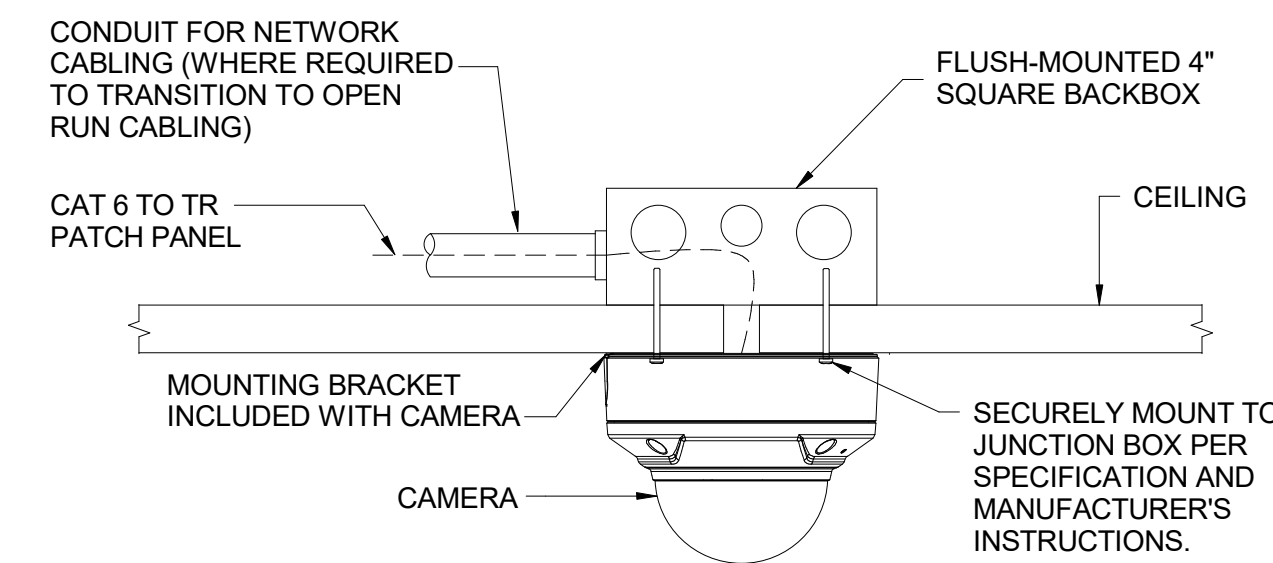
**7 180° CAMERA CEILING MOUNT TYP.**



**2 IP CAMERA PENDANT MOUNT**

INTERIOR CEILING/STRUCTURE MOUNTED.

**5 DOME CAMERA CEILING MOUNT TYP.**



KEYNOTES	
A	ARCHITECTURAL. WORK OF DIVISIONS 3-14.
A1	PAINT AS DESCRIBED/REQUIRED IN DIVISION 9
TN	ELECTRONIC SECURITY SYSTEMS: COMPLY WITH DIVISION 28.
TKN1	4S TYPE ELECTRICAL BACKBOX EQUAL TO RANDL INDUSTRIES T-55017 WHERE SURFACE MOUNT OF IP CAMERA TO FLUSH MOUNT BACKBOX WITH INTEGRAL STRUCTURED CABLING BISCUIT BOX REQUIRED. PROVIDE EXTERIOR GRADE BOX AT EXTERIOR CONDITIONS AS REQUIRED BY SECTION 28 05 28 - PATHWAYS FOR ELECTRONIC SAFETY AND SECURITY
TKN2	CATEGORY 6 STATION CABLING BY DIVISION 27.
TKN3	SMALL FORM FACTOR MULTIMEDIA ENCLOSURE SUITABLE FOR SURFACE MOUNTING WITH INTEGRAL UNIVERSITY STANDARD CATEGORY 6 JACK FOR TERMINATION OF STATION CABLING.
TKN4	CATEGORY SIX PATCH CORD PROVIDE LENGTH AS REQUIRED. WHERE CAMERA IS MOUNTED TO BACKBOX, COIL INSIDE BACKBOX.
TKN5	SURFACE MOUNT IP CAMERA SUPPORTED FROM FLUSH MOUNTED BACKBOX.
TKN6	PROVIDE EQUAL TO CHIEF MANUFACTURING CMA110, 8\"/>
TKN7	IP SECURITY CAMERA.
TKN8	1\"/>
TKN9	PENDANT MOUNT ADAPTER - SONY UNIMDPH120 OR EQUAL.

**Smith, Fause & McDonald Inc.**  
 351 8th Street, San Francisco, CA 94103  
 (415) 255-9140 Fax (415) 255-9180  
 www.sfmi.com info@sfmi.com

STAMP  
  
 DATE 03/11/2021  
 RAY ENRIQUEZ  
 REGIS. NO. 106011  
 EXPIRES 12/31/2022

PROJECT ADDRESS  
**217 ARLINGTON AVE.  
 KENSINGTON, CA 94707**

PROJECT TEAM  
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JOB NO. 0000 KENSINGTON FIRE PROTECTION DISTRICT PUBLIC SAFETY BUILDING

DESCRIPTION  
 DETAILS - ELECTRONIC SECURITY SYSTEMS VIDEO SURVEILLANCE SYSTEMS

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