



Project: Peralta Community College District | Berkeley City College - West

Project No: 4668

BID ADDENDUM #1

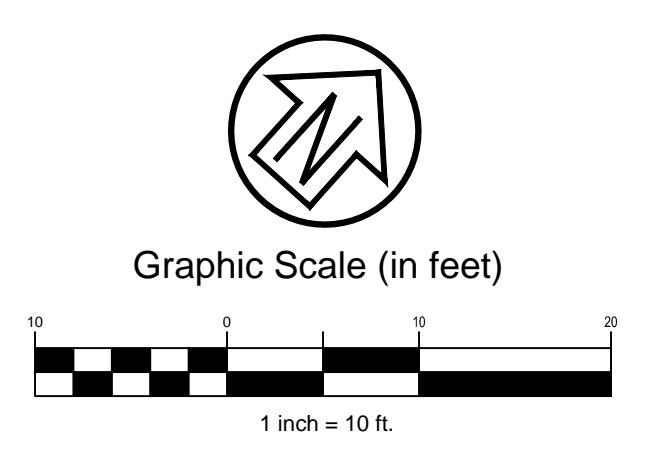
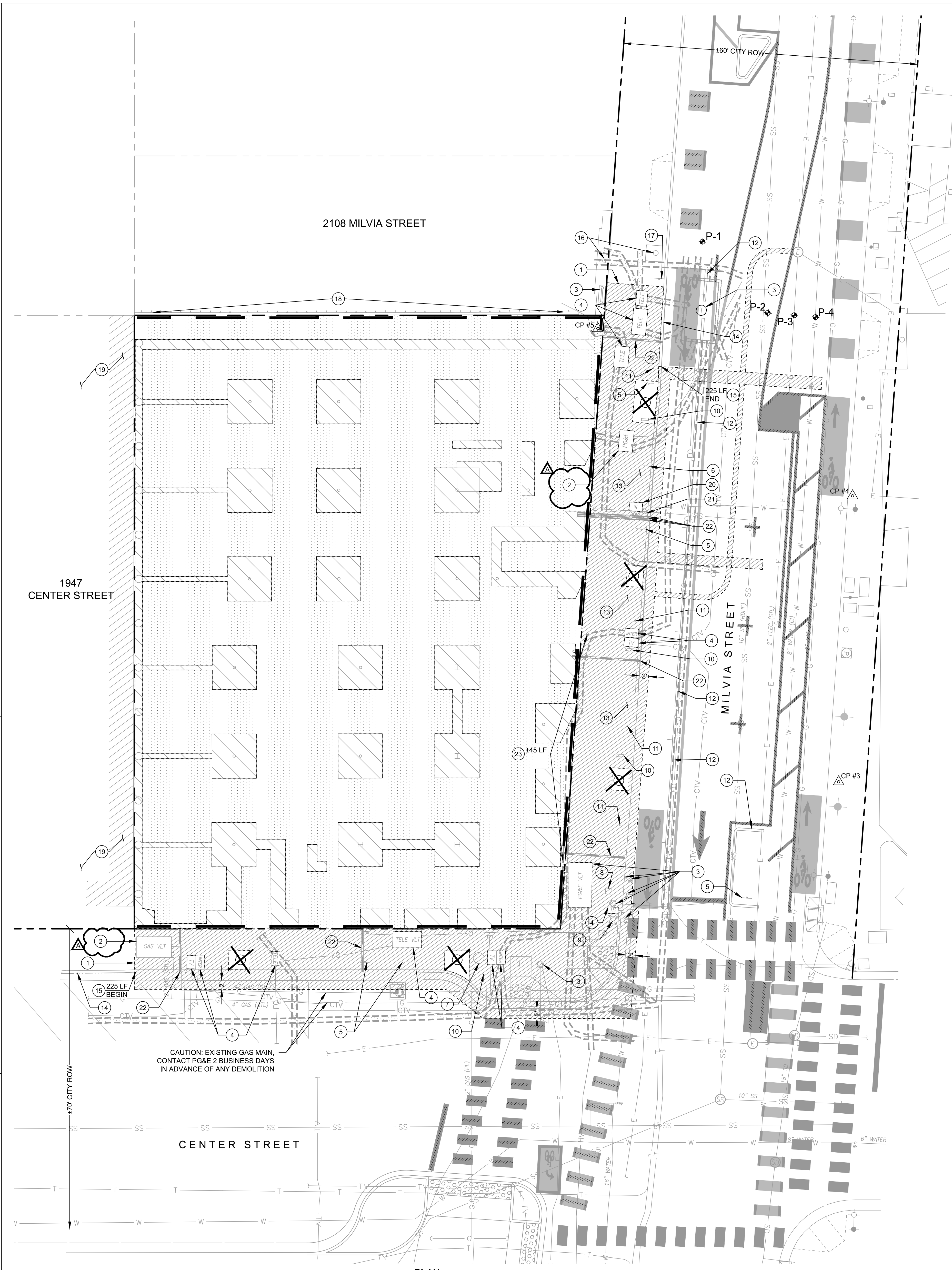
1-Jul-22

NARRATIVE OF CHANGE

The following modifications have been made to the bidding documents on the above referenced project.

SHEET NO.	DESCRIPTION
Spec	
05 12 00	AISC certification requirement clarified
G-001	Sheet index updated for added sheet A-451
C1.00	PG&E gas and electrical vault scope clarified to be demolished by site concrete contractor. Keynote 3 updated for protect-in-place of existing utilities.
A-102	Façade Maintenance davits and tie-down quantities and locations clarified to coordinate with EBM series drawings.
A-103	Equipment pads, edge of slab, and roof penetrations/opening locations and sizes clarified. Façade Maintenance davits and tie-down quantities and locations clarified to coordinate with EBM series drawings.
A-110	North landscape gate requirements clarified
A-112	Level 6 Patio exterior gate added. Façade Maintenance davits and tie-down quantities and locations clarified to coordinate with EBM series drawings.
A-113	Elevation D1 added at Elevator Machine Room. Access platform and roofing requirements clarified. Roof guardrail added to north, west, and south sides of roof to align with previously issued details. Façade Maintenance davits and tie-down quantities and locations clarified to coordinate with EBM series drawings.
A-122	Façade Maintenance davits and tie-down quantities and locations clarified to coordinate with EBM series drawings.
A-123	Access platform sizes and railing requirements clarified. Façade Maintenance davits and tie-down quantities and
A-200	Roof guardrail added to north, west, and south sides of roof to align with previously issued details.
A-201	Roof guardrail added to north, west, and south sides of roof to align with previously issued details.
A-312	North fence anchorage clarified on detail A1/A-312
A-411	Stair detail and finishes references added for clarity.
A-412	Concrete tread and landing finish clarified as steel troweled. Guardrail stiles around central stair opening at all floors shown to align with detail A3/A415. Stair detail and finishes references added for clarity.
A-413	Stair detail and finishes references added for clarity.
A-414	Concrete tread and landing finish clarified as steel troweled. Guardrail at curtainwall clarified per detail B4/A-415. Guardrail stiles around central stair opening at all floors shown to align with detail A3/A415. Stair detail and finishes references added for clarity.
A-415	Stair metal components clarified to be painted unless noted otherwise. Alternate added for option for Stainless Steel 304 handrail in lieu of painted metal. Rail cap attachment clarified in detail A4/A-415. New detail B4/A-415 added for South Stair guardrail at intermediate landing.
A-421	Drainage depression clarified in typical multi-user restrooms per details C4, D4/A-562.
A-451	New sheet added illustrating equipment anchorage requirements for refrigerators, dishwasher, washer, and dryer.
A-562	Restroom drainage depression details added.
A-610	Stair finishes C4 and PT1 added.
A-611	Sheet note 5 added for clarification of concrete wall and column finishes will be C1 unless noted otherwise.
A-612	Sheet note 5 added for clarification of concrete wall and column finishes will be C1 unless noted otherwise.
A-613	Sheet note 5 added for clarification of concrete wall and column finishes will be C1 unless noted otherwise.
SG100	Building seismic design criteria updated. Powder actuated fasteners minimum embedment requirement clarified. Cast-in-place concrete 10 added allowing formsavers where required for concrete installation.
S110	HSS added at L1 Activity Room. Note clarified from 3/S741 to 3/S731 for top of column attachment.
S111	HSS shown for bench supports per detail B3/A-442.
S112	Note clarified from 3/S741 to 3/S731 for top of column attachment. HSS shown for bench supports per detail B3/A-442.
S113	HSS added at L6 Conference Room.
S321	Columns C1 & C9 updated in column schedule.
S521	Details 2 & 4 updated for HSS at L6 Conference Room.

D
C
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LEGEND

- REMOVE AND DISPOSE EXISTING PAVEMENT, INCLUDING BASE ROCK AS NECESSARY (9" MIN.)
- REMOVE AND DISPOSE EX. FOUNDATIONS (GRADE BEAM, DRILLED PIER, SPREAD FOOTING, STEEL COLUMN, ETC., AS NEEDED FOR NEW MAT SLAB, S.S.D.). REMAINING FOUNDATION TO BE ABANDONED IN PLACE
- APPROXIMATE LIMITS OF OVER EXCAVATION FOR NEW MAT SLAB (REMOVE AND DISPOSE ALL UTILITIES, STRUCTURES, AND ORGANIC MATTER AS NEEDED FOR NEW MAT SLAB, S.S.D.). SEE NOTE 1.
- REMOVE AND DISPOSE EXISTING STUMP AND ROOT BALL
- APPROXIMATE LIMITS OF SHORING SYSTEM
- GRIND AND DISPOSE EX. STRIPING / PAVEMENT MARKING (TO BE REFRESHED, MATCH EXISTING CONDITION)

NOTE:
1. SEE SHEET C1.01 INTERIM GRADING PLAN FOR BOTTOM OF MAT SLAB ELEVATIONS. CAP ALL UTILITIES (WHERE OCCURS) AT PROPOSED FINISHED GRADE.

KEYNOTES

1. SAWCUT CONFORM TO EX. SIDEWALK
2. REMOVE AND DISPOSE EX. VAULT
3. PROTECT IN PLACE EXISTING UTILITY (INCLUDING BOX STRUCTURE, PIPES, CONDUITS, ANY OTHER APPURTENANCES UNLESS NOTED OTHERWISE)
4. ADJUST EXISTING UTILITY TO FINISHED GRADE PER APPLICABLE AGENCY'S LATEST STANDARD
5. REMOVE AND DISPOSE EX. POLE AND FOUNDATION. SALVAGE EXISTING SIGN, TO BE MOUNTED ON NEW POLE (SEE SHEET C2.00)
6. REMOVE AND DISPOSE EX. POLE AND FOUNDATION. SALVAGE EXISTING SIGN AND RETURN TO CITY
7. SALVAGE EXISTING TRASH CONTAINER (TO BE RESET TO FINISHED SURFACE)
8. SALVAGE EXISTING MAILBOX (TO BE RESET TO FINISHED SURFACE)
9. PROTECT IN PLACE EXISTING FIRE HYDRANT. CONTRACTOR SHALL MAINTAIN FIRE ACCESS AT ALL TIMES AS APPROVED BY THE LOCAL FIRE MARSHAL
10. REMOVE AND DISPOSE EXISTING BIKE RACK, TO BE REPLACED WITH NEW BIKE RACKS (SEE SHEET C2.00)
11. REMOVE AND DISPOSE POST AND FOUNDATION (WHERE OCCURS)
12. REMOVE AND DISPOSE BIKE LANE SEPARATORS
13. SALVAGE EX. TREE PLANTER BOXES AND RETURN TO OWNER
14. PROTECT IN PLACE EXISTING CURB AND GUTTER (WHERE OCCURS)
15. REMOVE AND DISPOSE EXISTING CURB AND GUTTER (WHERE OCCURS)
16. PROTECT IN PLACE EXISTING TREE AS REQUIRED BY THE CITY OF BERKELEY
17. PROTECT IN PLACE EXISTING SIGN, POST, AND FOUNDATION
18. PROTECT IN PLACE EXISTING RETAINING WALL, FOUNDATION, FENCE, AND ANY TREES OR VEGETATION OUTSIDE OF LIMITS OF WORK
19. PROTECT IN PLACE EXISTING BUILDING, FOUNDATION, AND ANY OTHER APPURTENANCES
20. REMOVE AND DISPOSE EX. WATER METER BOX AND SERVICE LINE TO EXISTING BUILDING. SALVAGE EXISTING WATER METER AND RETURN TO EBMUD (COORDINATE WORK WITH EBMUD)
21. REMOVE AND DISPOSE EX. SSCO (12" MIN BELOW EG) AND CAP RISER, EX. SS LATERAL TO BE ABANDONED IN PLACE
22. REMOVE AND DISPOSE EX. SIDEWALK UNDERDRAIN
23. RELOCATE EXISTING TELECOM DUCT BANK (APPROXIMATE LOCATION SHOWN, VIF) 12" MIN. CLEAR INTO CITY ROW

POTHOLE DATA TABLE

ID	UTILITY	DEPTH TO TOP OF PIPE (INCHES)	REMARKS
P-1	TELECOM	88"	PLASTIC PIPE
P-2	10" CIP SS	N/A	PIPE DEEPER THAN 120"
P-3	2" STL ELEC	21"	
P-4	8" CIP WATER	39"	

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RATCLIFF

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CSW ST 2
CSW/Stuber-Stroeh
Engineering Group, Inc.
121 Park Place
Richmond, CA 94801
Tel: 415.883.9850
Fax: 415.883.9835
Civil Engineers
Surveying & Mapping
Land Planning
Construction Management



ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

**PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE**
2118 MILVIA STREET
BERKELEY, CA 94704

BCC WEST

SHEET TITLE:
DEMOLITION PLAN

SCALE: 1" = 10'
PROJECT NUMBER: 21415

SHEET NUMBER: **C1.00**



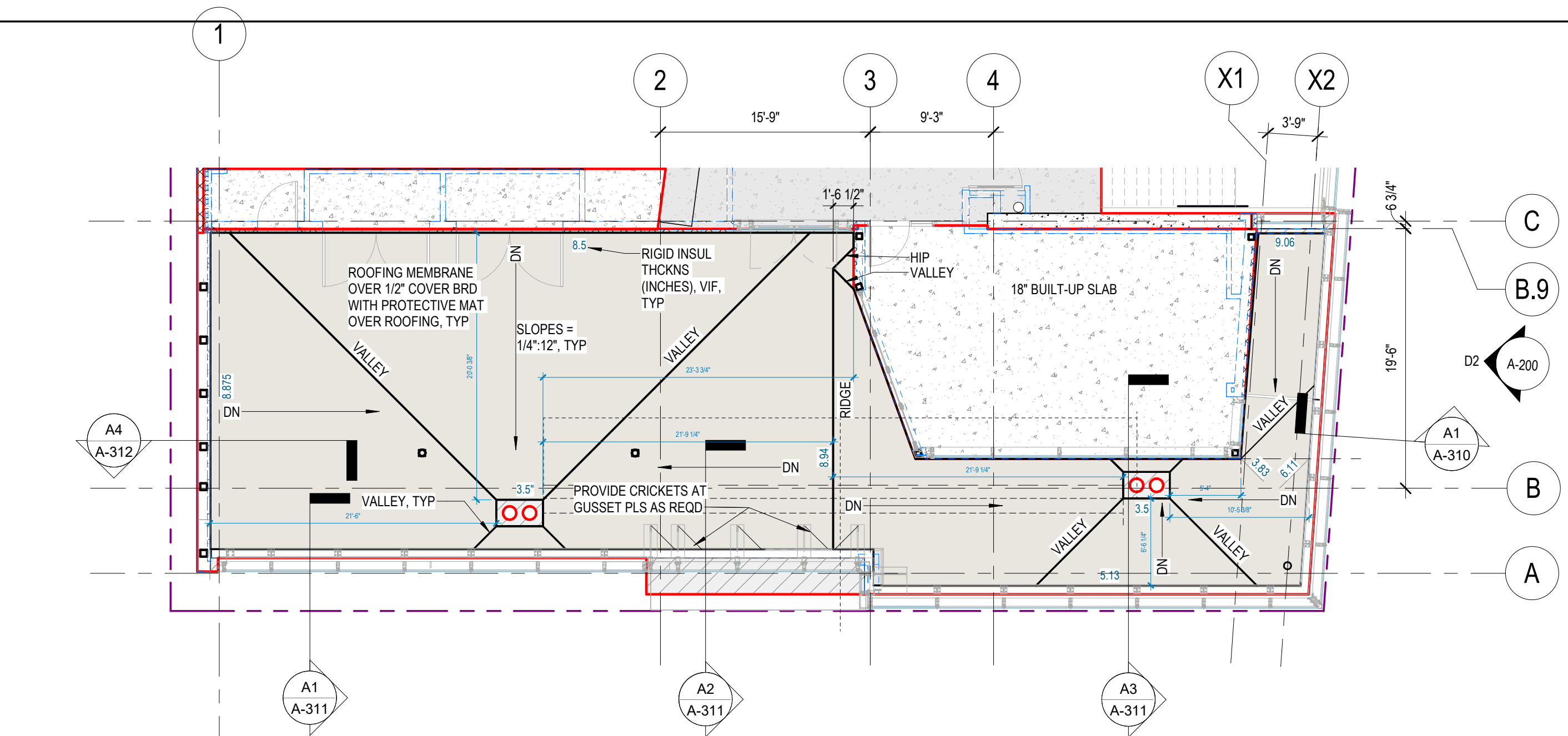
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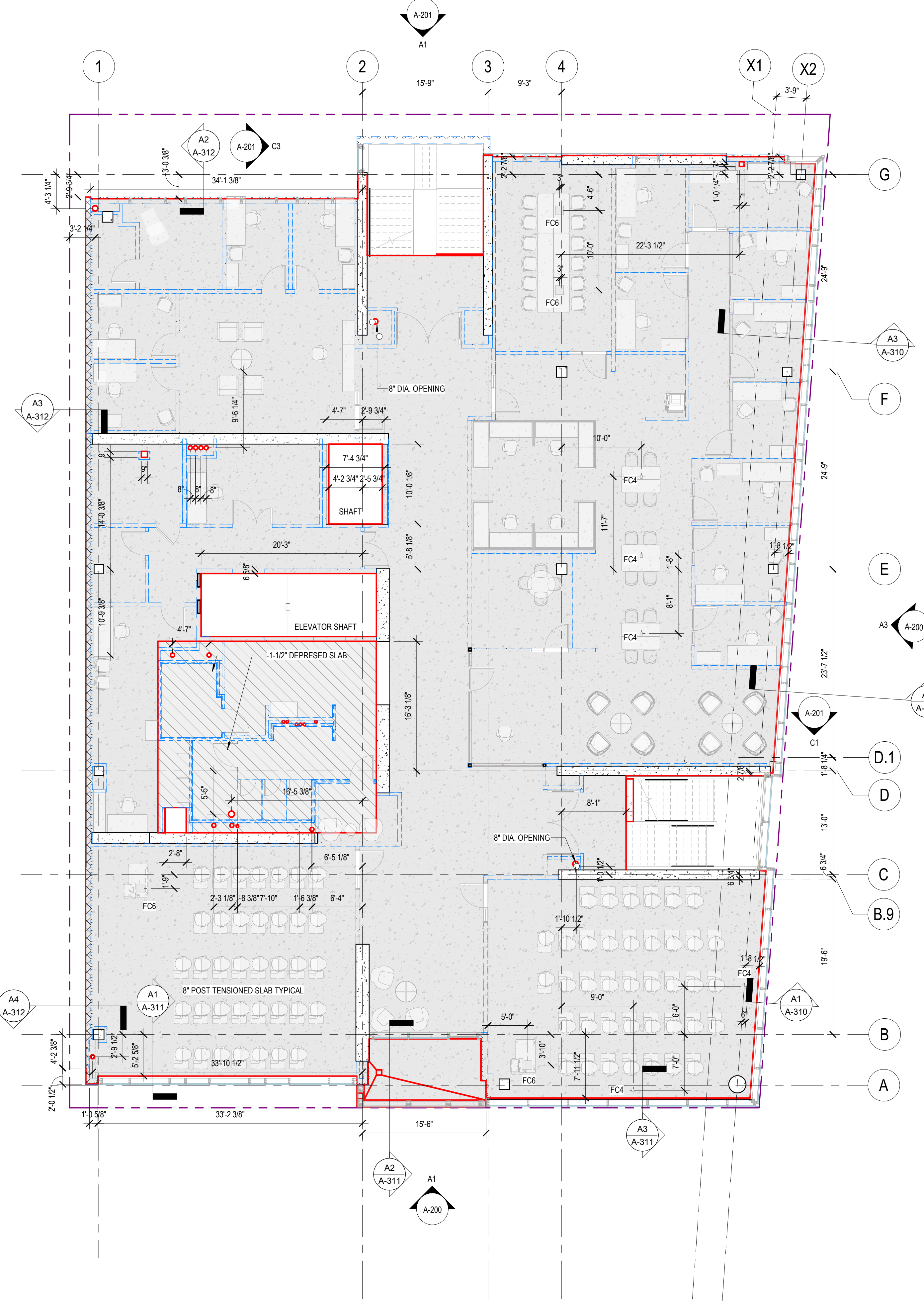
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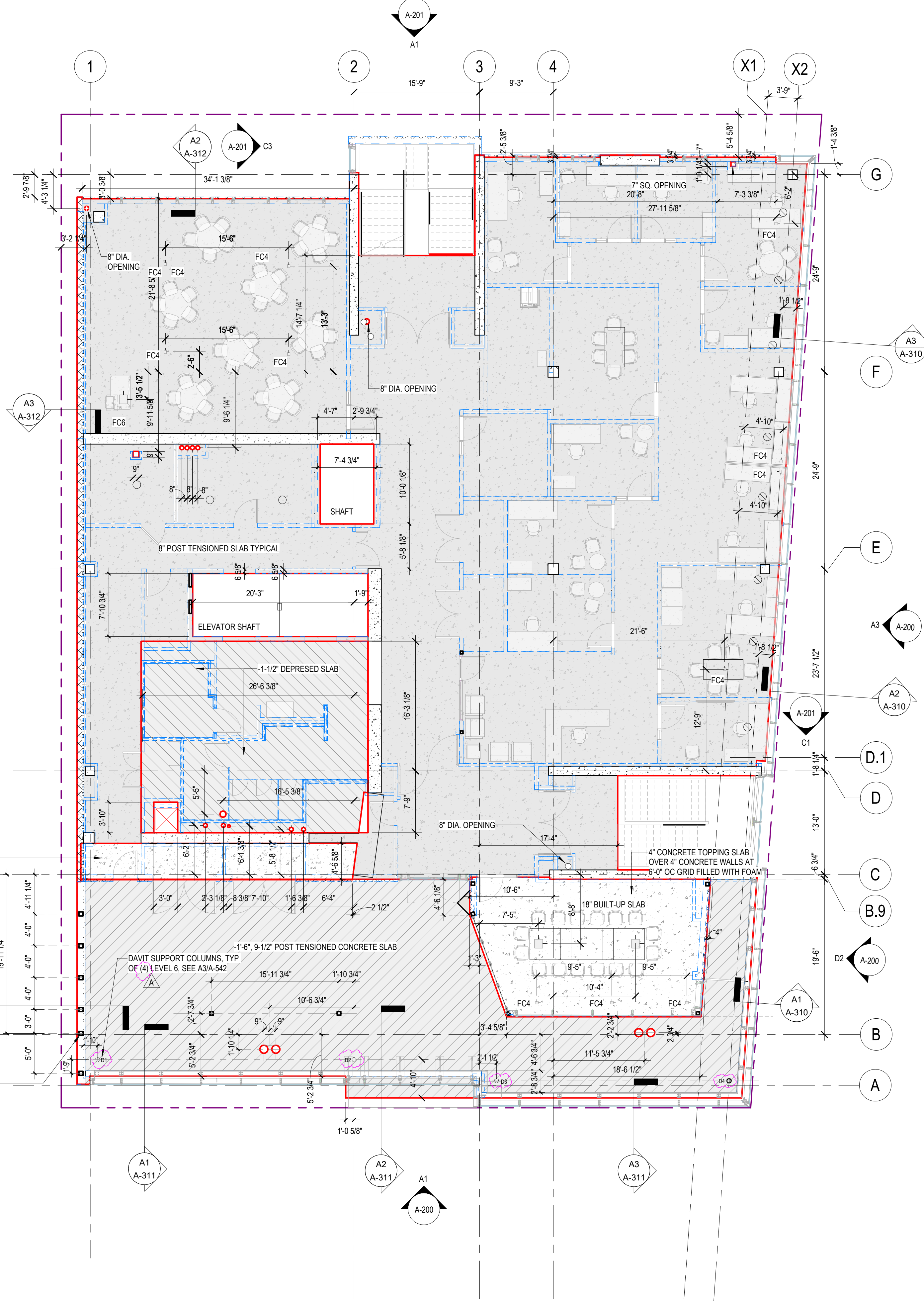
A



D3 LEVEL 6 - DECK MEMBRANE PLAN
1/8" = 1'-0"



A1 LEVEL 5 - EDGE OF SLAB PLAN
1/8" = 1'-0"



A3 LEVEL 6 - EDGE OF SLAB PLAN
1/8" = 1'-0"

SLAB LEGEND

- 3" TOPPING SLAB OR MAT SLAB AS NOTED
- 7" TOPPING SLAB
- 8 1/4" SLAB DEPRESSION
- 7.56" TOPPING SLAB
- 5" TOPPING SLAB
- 1-1/2" SLAB DEPRESSION
- MAT SLAB AT -3"
- 8" PT SLAB

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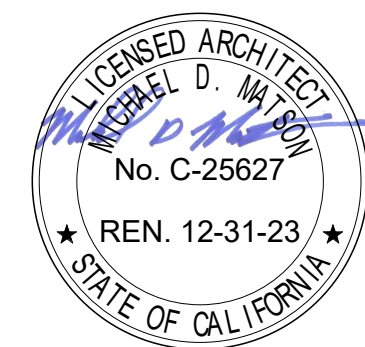
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SHEET TITLE:
EDGE OF SLAB PLANS - LEVELS 5 & 6

SCALE: 1/8" = 1'-0"
 PROJECT NUMBER: 21415

SHEET NUMBER: **A-102**

06/16/2022 DSA SUBMITTAL



SLAB LEGEND

- 3" TOPPING SLAB OR MAT SLAB AS NOTED
- 7" TOPPING SLAB
- 8-1/4" SLAB DEPRESSION
- 7.56" TOPPING SLAB
- 5" TOPPING SLAB
- 1-1/2" SLAB DEPRESSION
- MAT SLAB AT 3"
- 8" PT SLAB

ISSUE SCHEDULE

NO.	DATE
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PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE
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BERKELEY, CA. 94704

BCC WEST

EDGE OF SLAB PLANS - ROOF & MECH ROOF

SCALE: 1/8" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER: **A-103**

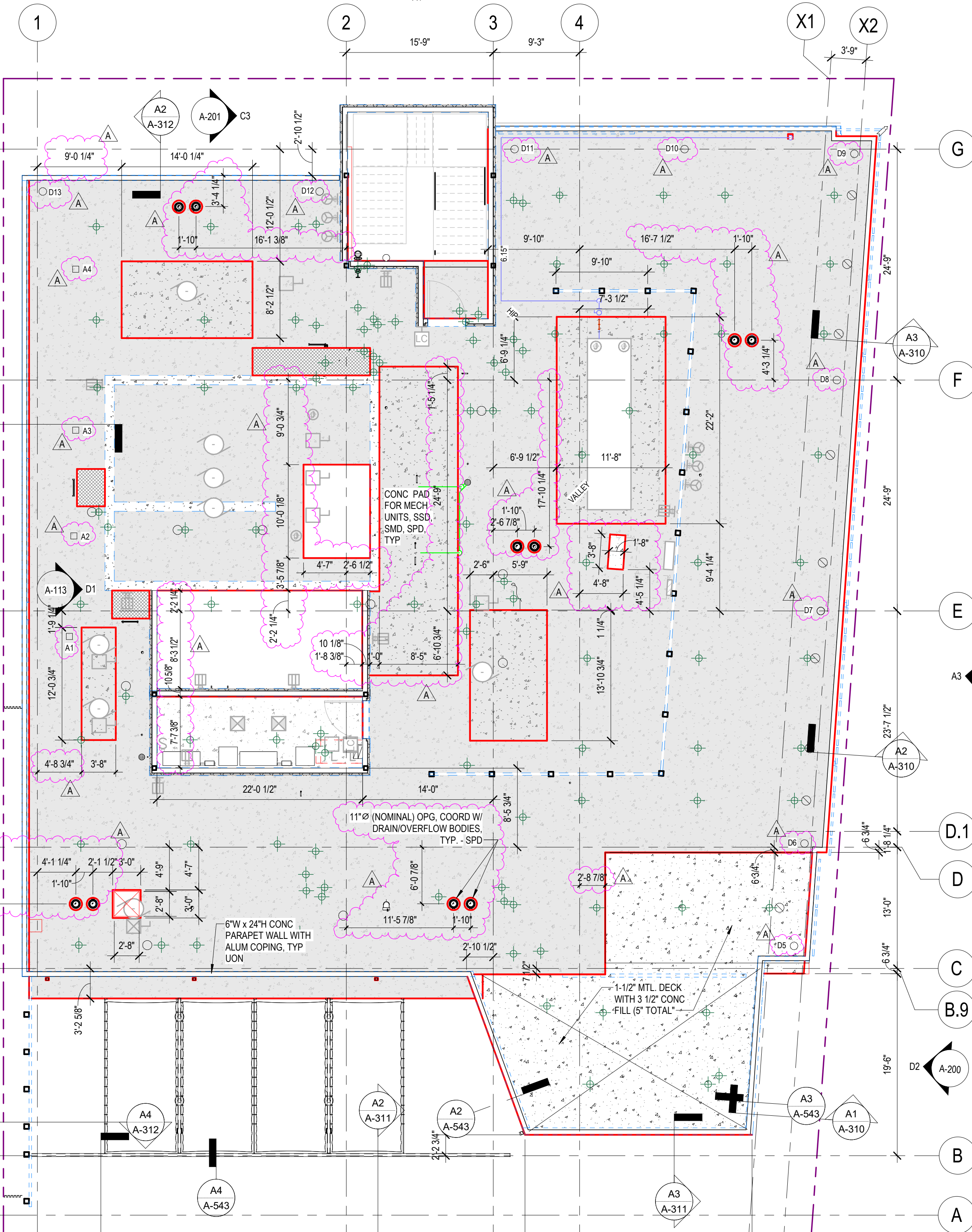
06/16/2022 DSA SUBMITTAL

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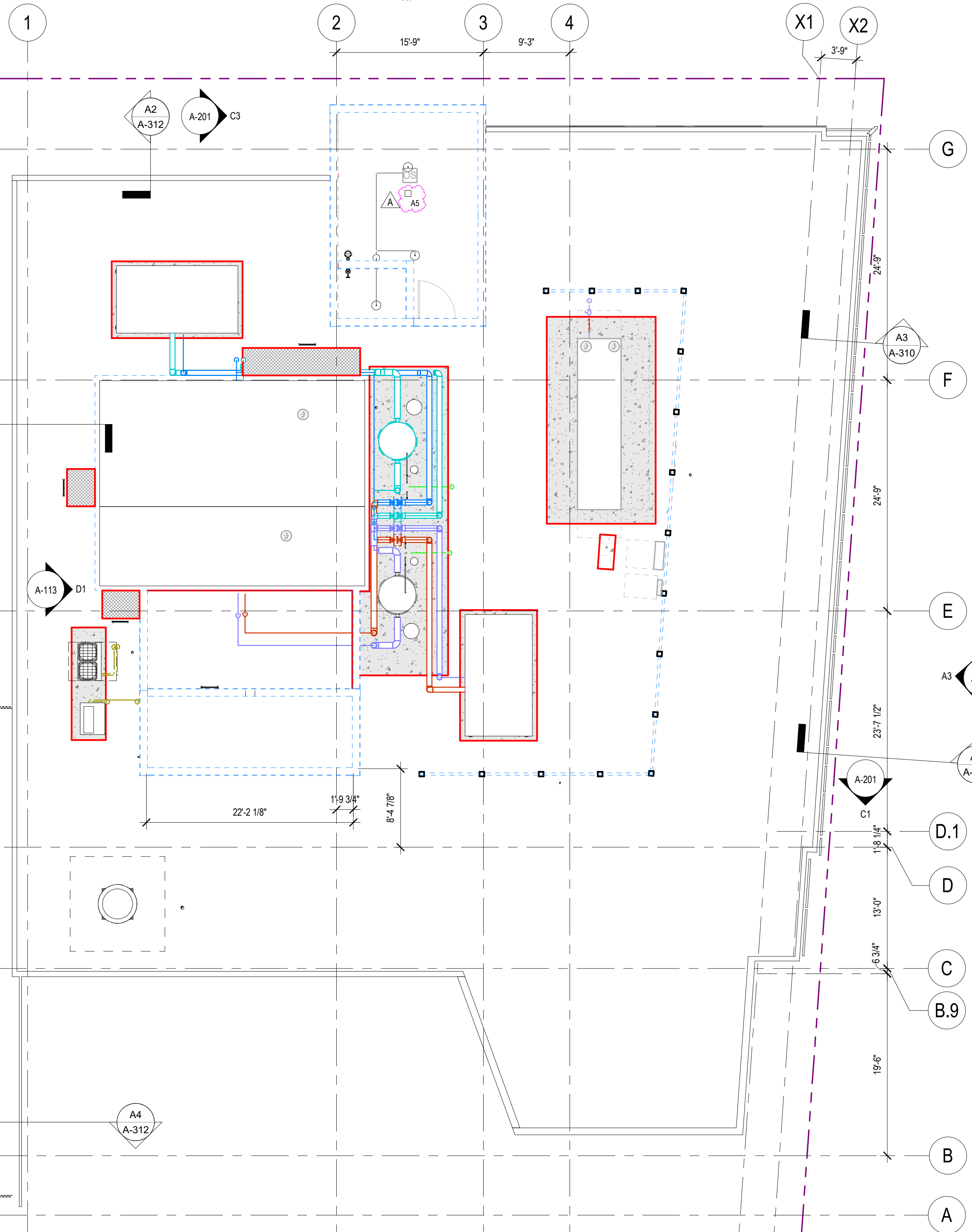
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A1 ROOF - EDGE OF SLAB PLAN
1/8" = 1'-0"



A3 MECHANICAL ROOF - EDGE OF SLAB PLAN
1/8" = 1'-0"

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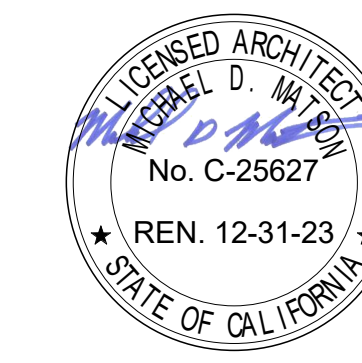
LEGEND

-  NON-RATED WALL PARTITION
-  PARTITION (1-HOUR RATED)
-  PARTITION (2-HOUR RATED)
-  PARTITION (3-HOUR RATED)
-  FIRE EXTINGUISHER CABINET, FIRE RATED AND NON-RATED

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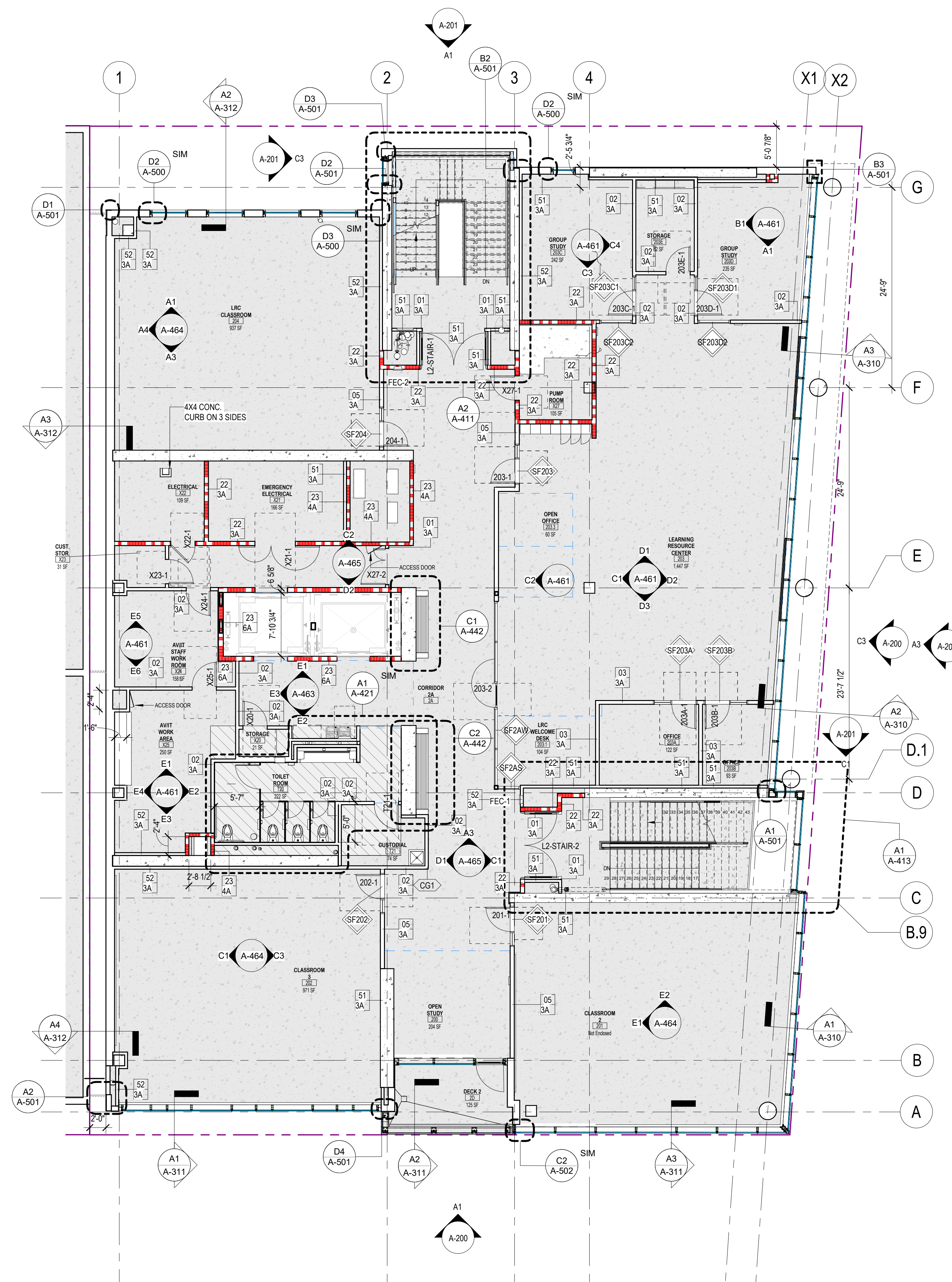
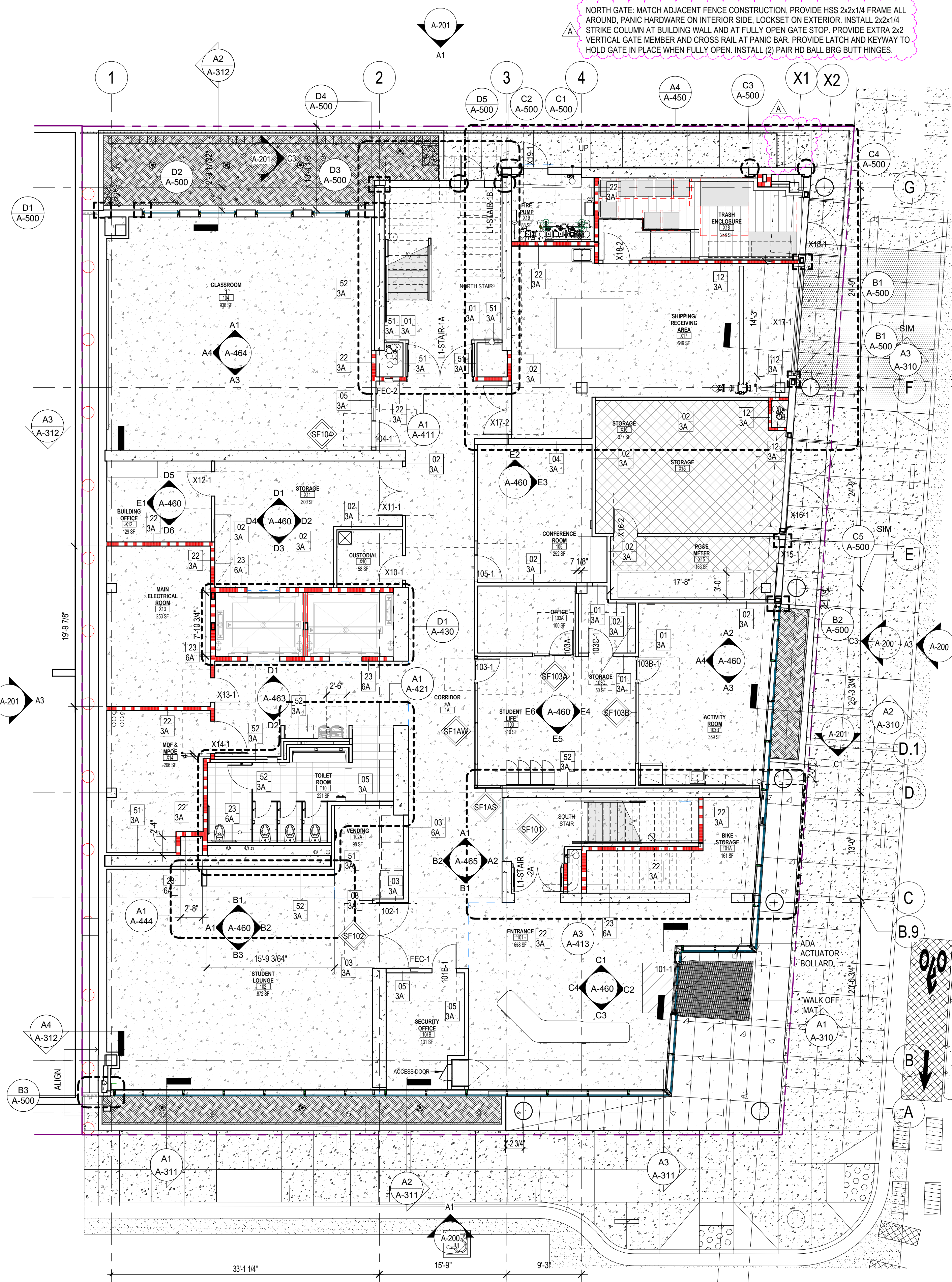
SHEET TITLE:
FLOOR PLANS - LEVELS 1 & 2

SCALE: 1/8" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER: **A-110**

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NORTH GATE: MATCH ADJACENT FENCE CONSTRUCTION. PROVIDE HSS 2x2x1/4 FRAME ALL AROUND. PANIC HARDWARE ON INTERIOR SIDE. LOCKSET ON EXTERIOR. INSTALL 2x2x1/4 STRIKE COLUMN AT BUILDING WALL AND AT FULLY OPEN GATE STOP. PROVIDE EXTRA 2x2 VERTICAL GATE MEMBER AND CROSS RAIL AT PANIC BAR. PROVIDE LATCH AND KEYWAY TO HOLD GATE IN PLACE WHEN FULLY OPEN. INSTALL (2) PAIR HD BALL BRG BUTT HINGES.



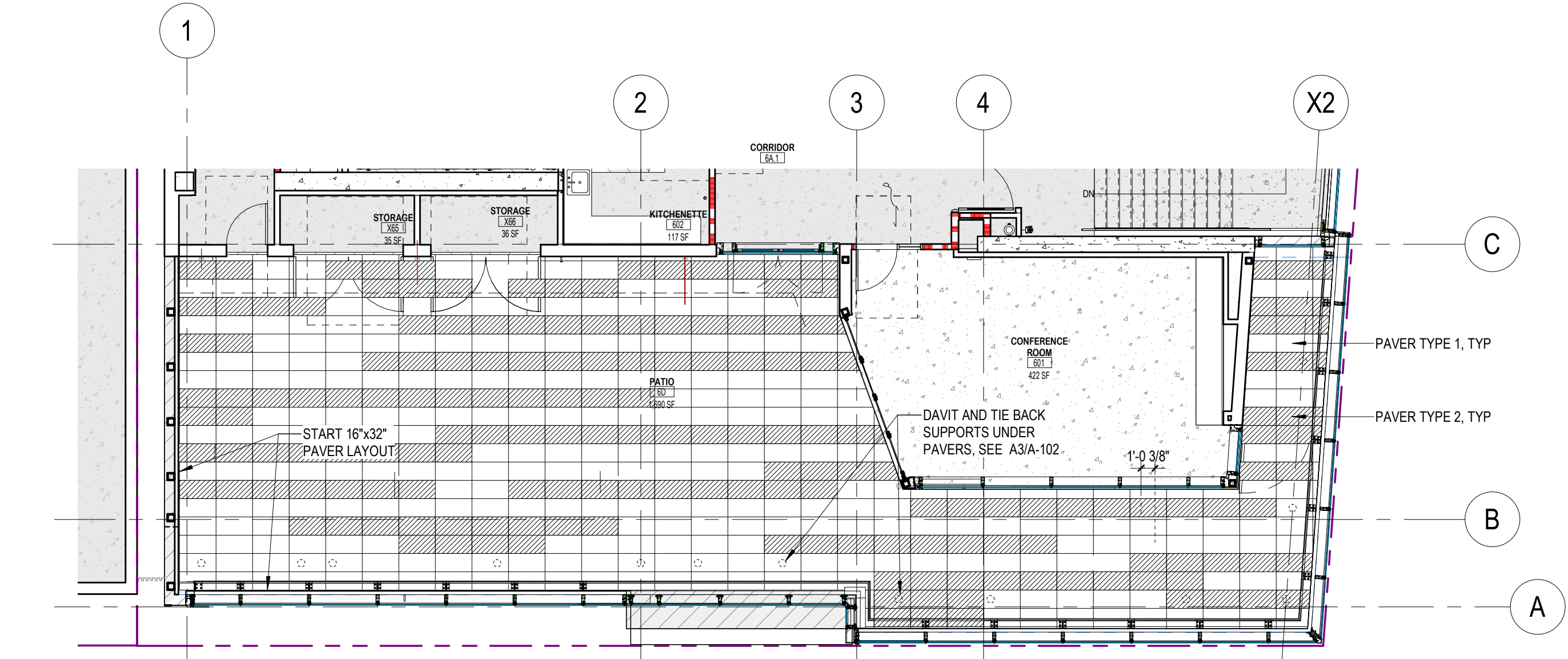
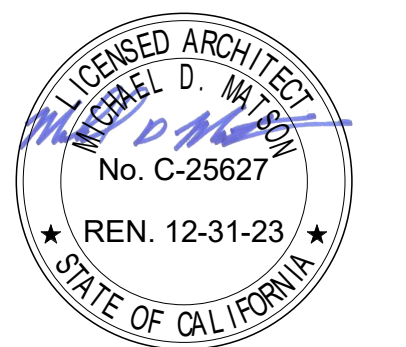
LEGEND

	NON-RATED WALL PARTITION
	PARTITION (1-HOUR RATED)
	PARTITION (2-HOUR RATED)
	PARTITION (3-HOUR RATED)
	FIRE EXTINGUISHER CABINET, FIRE RATED AND NON-RATED
	FEC-2

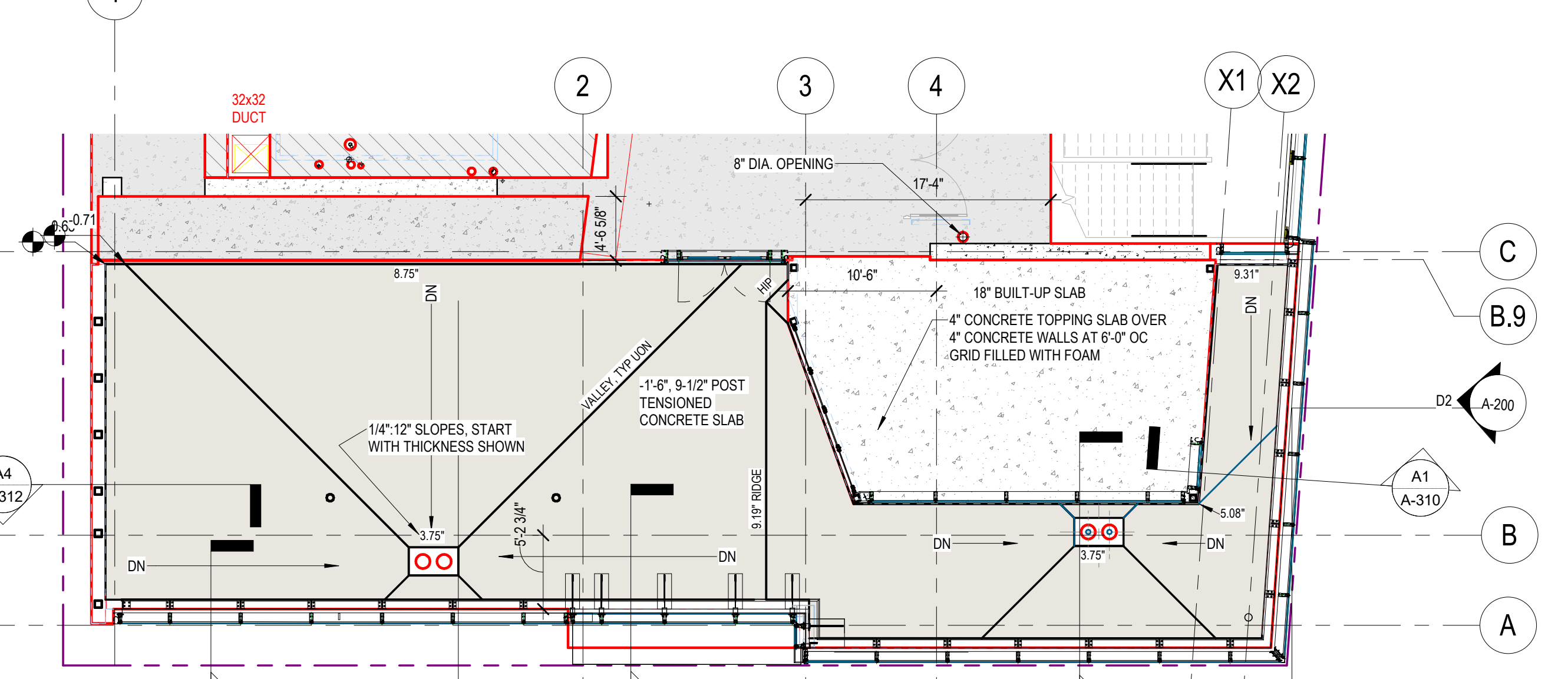
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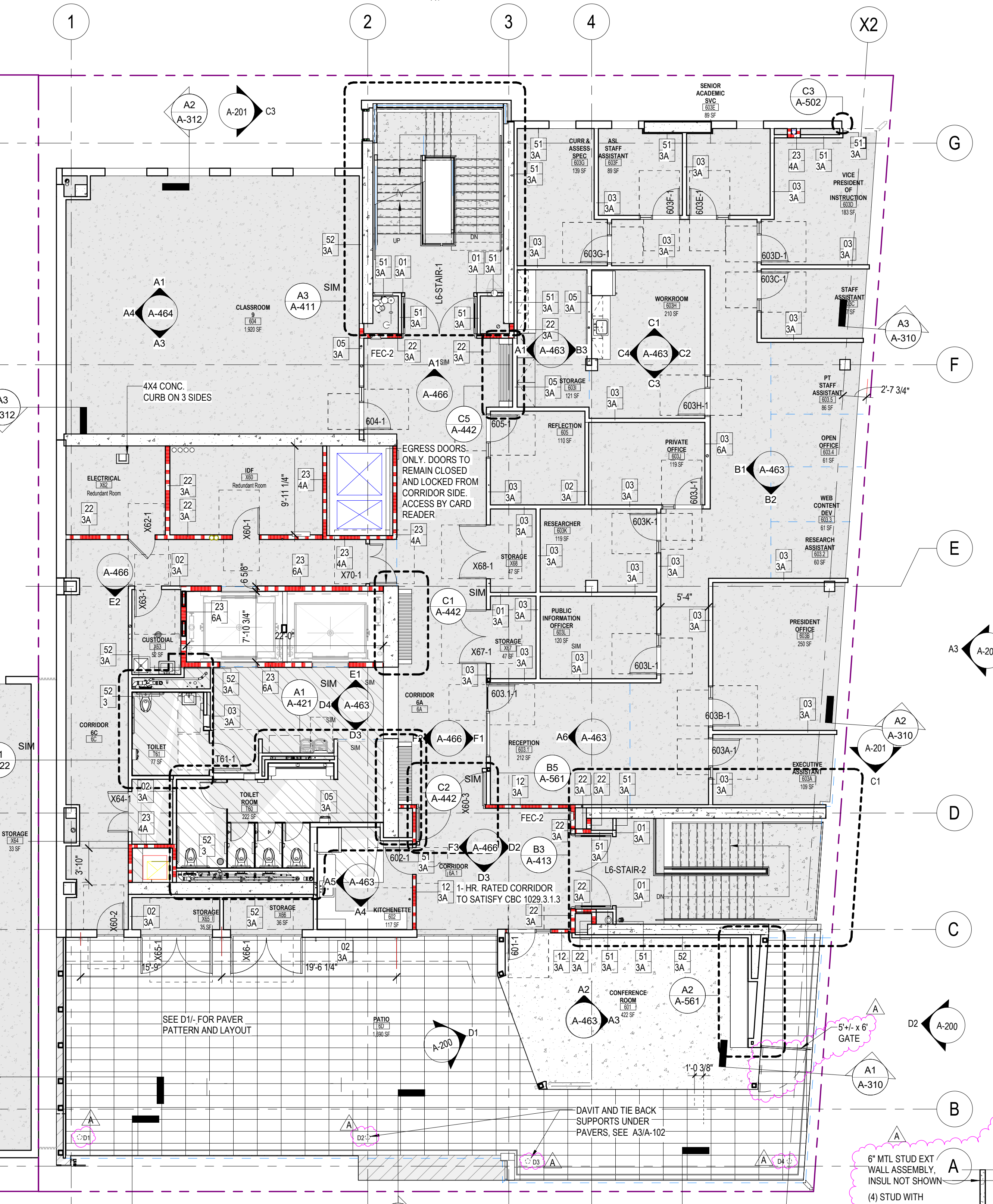
D1 LEVEL 6 - PAVER PATTERN PLAN
1/8" = 1'-0"



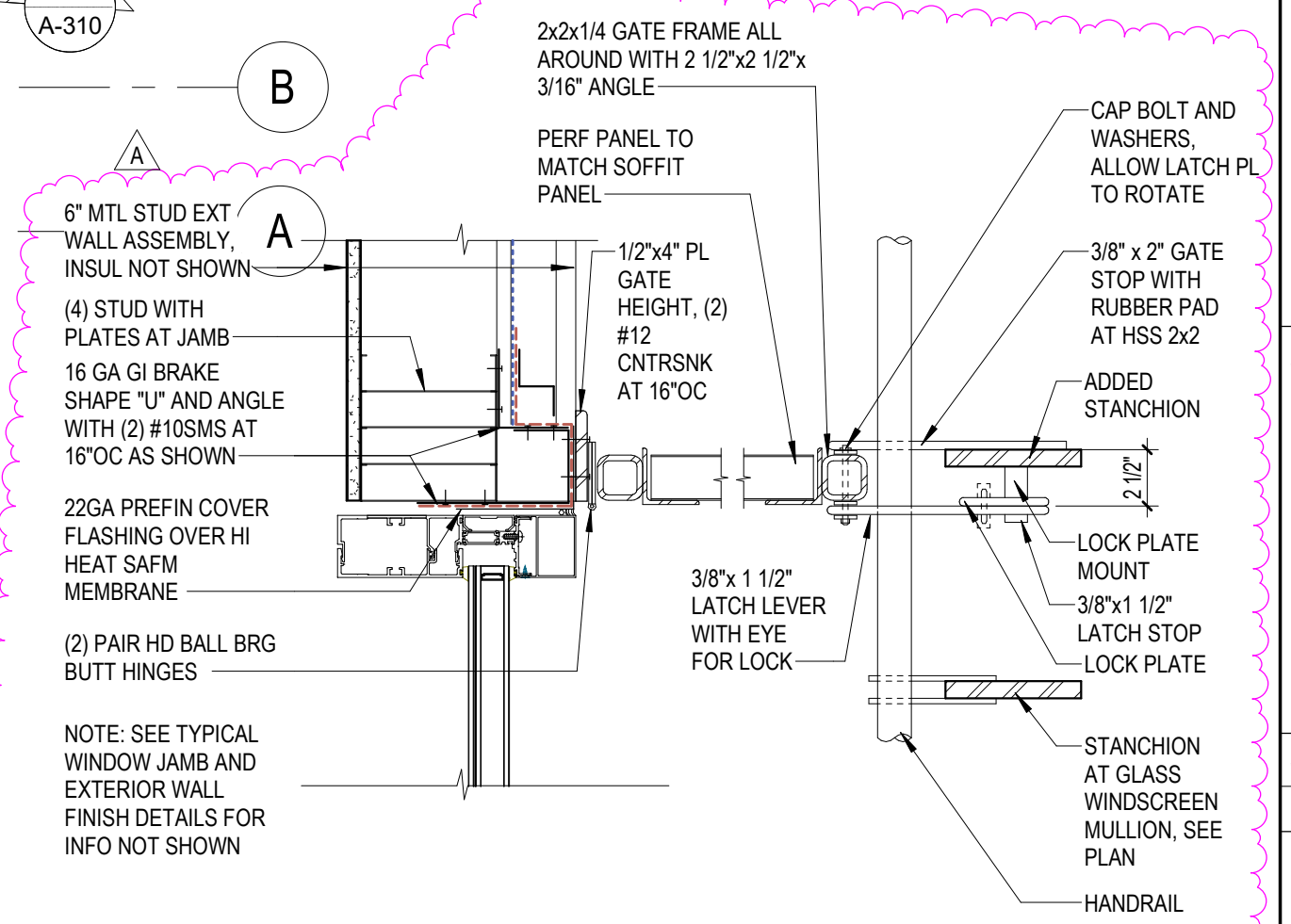
D3 LEVEL 6 - PATIO DRAINAGE PLAN
1/8" = 1'-0"



A1 LEVEL 5 - FLOOR PLAN
1/8" = 1'-0"



A3 LEVEL 6 - FLOOR PLAN
1/8" = 1'-0"



1 GATE AT L6 - PLAN DETAIL
1 1/2" = 1'-0"

ISSUE SCHEDULE

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PERALTA COMMUNITY COLLEGE DISTRICT BERKELEY CITY COLLEGE
2118 MILVIA STREET
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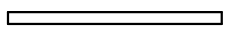




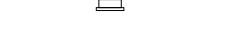
SHEET TITLE:
FLOOR PLANS - LEVELS 5 & 6

SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **A-112**

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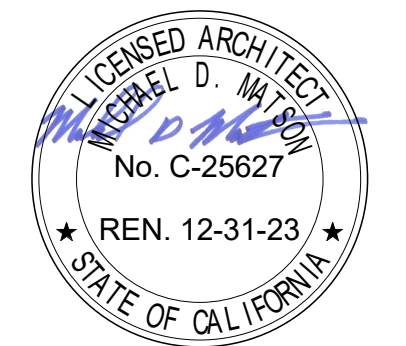
LEGEND

-  NON-RATED WALL PARTITION
-  PARTITION (1-HOUR RATED)
-  PARTITION (2-HOUR RATED)
-  PARTITION (3-HOUR RATED)
-  FIRE EXTINGUISHER CABINET, FIRE RATED AND NON-RATED
-  FEC-2

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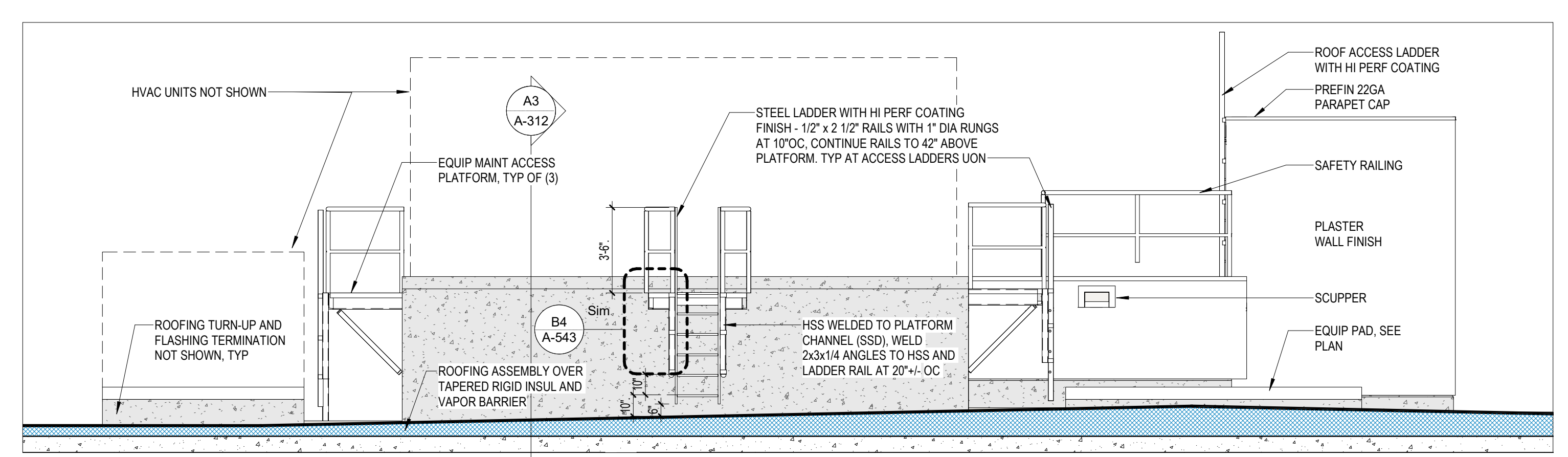
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SHEET TITLE:
FLOOR PLANS - ROOF & MECH ROOF

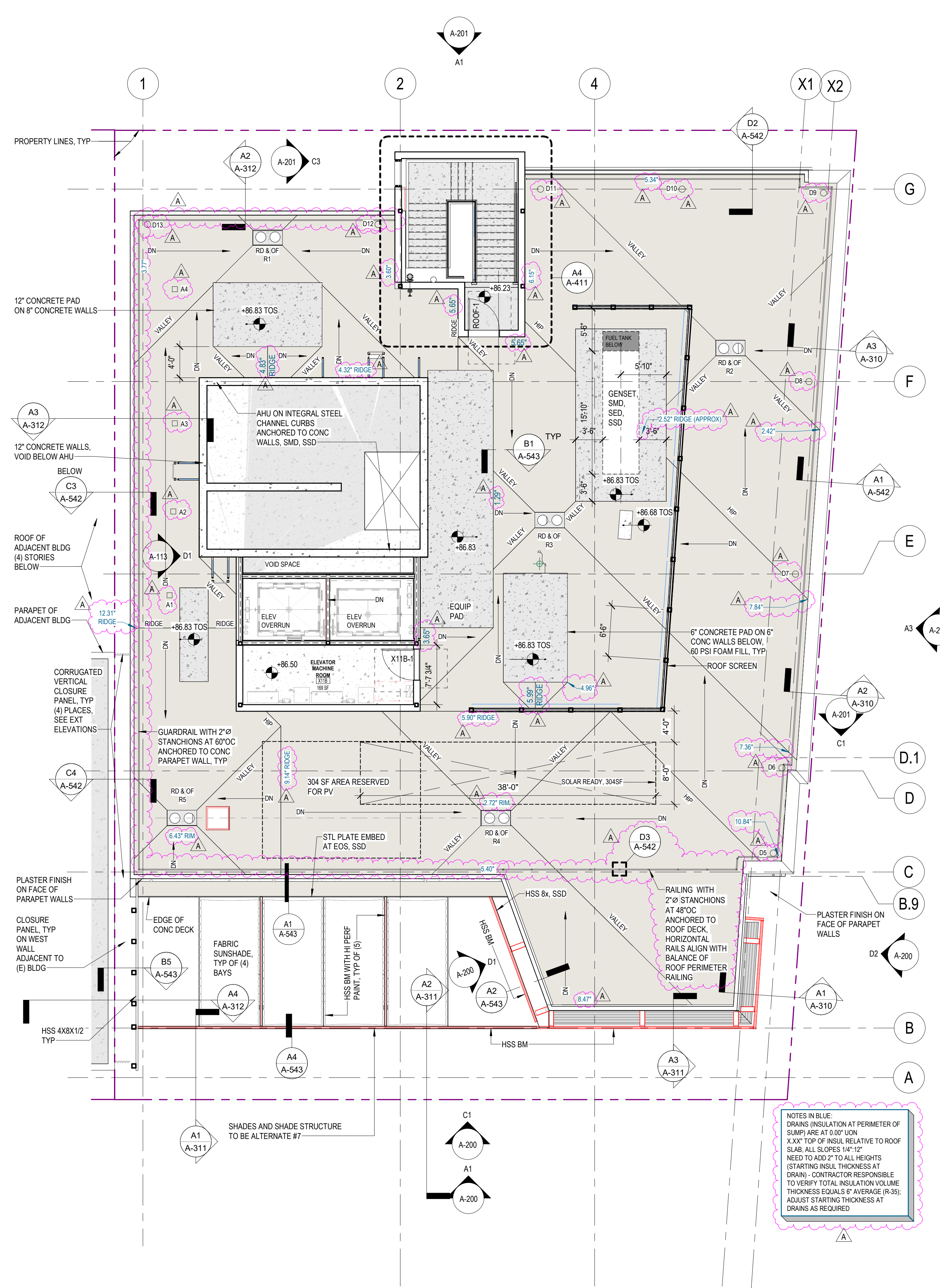
SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **A-113**

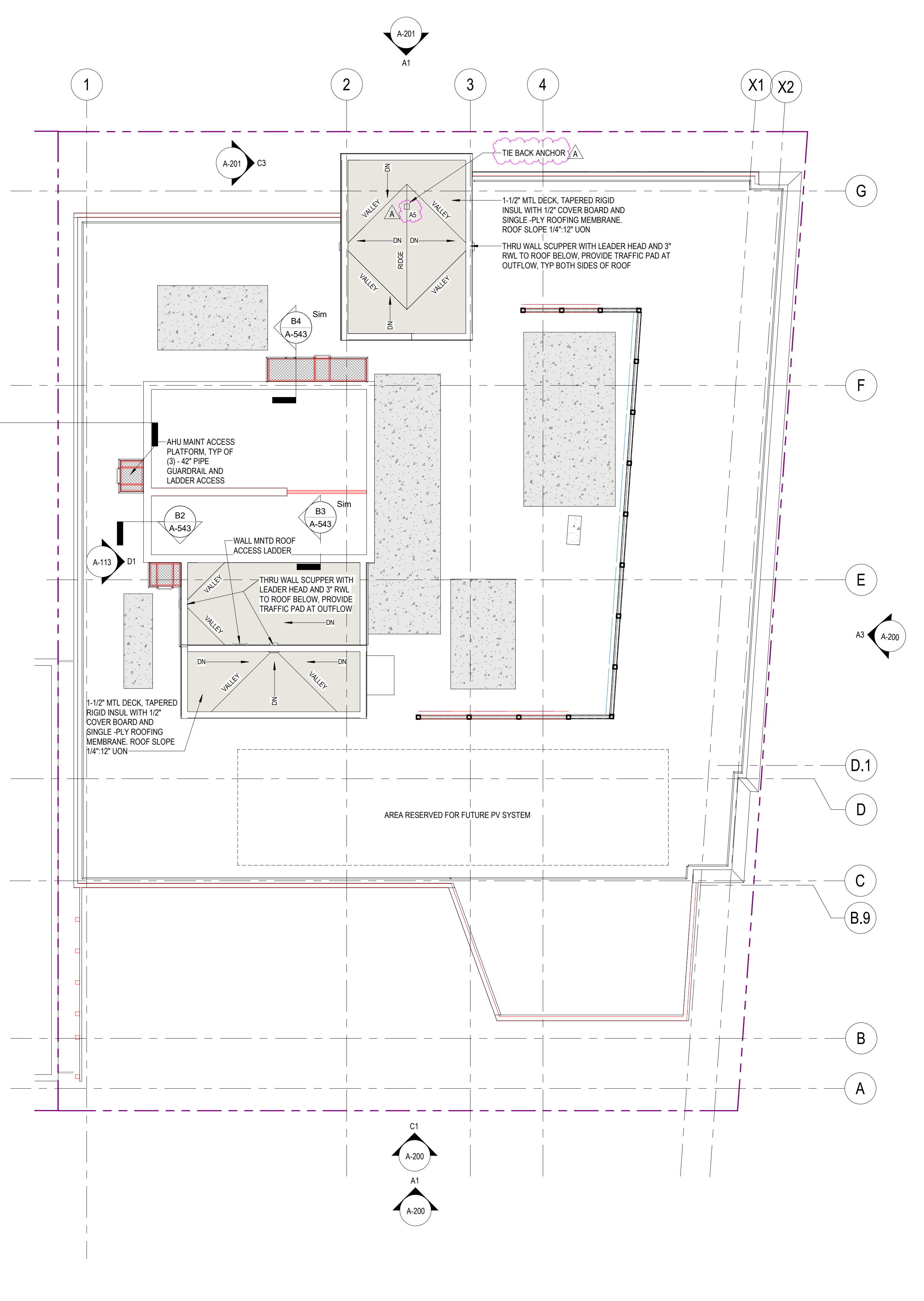
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D1 ELEVATOR MACHINE ROOM WEST
1/4" = 1'-0"



A1 ROOF PLAN
1/8" = 1'-0"



A3 MECHANICAL ROOF PLAN
1/8" = 1'-0"

NOTES IN BLUE:
DRAIN INSULATION AT PERIMETER OF SUMP ARE AT 0.00' UON
X-X' TOP OF INSUL. RELATIVE TO ROOF SLAB. ALL SLOPES 1/4"=12"
NEED TO ADD 2" TO ALL HEIGHTS (STARTING INSUL. THICKNESS AT DRAIN). CONTRACTOR RESPONSIBLE TO VERIFY TOTAL INSULATION VOLUME THICKNESS EQUALS 6" AVERAGE (R-30). ADJUST STARTING THICKNESS AT DRAINS AS REQUIRED.

D

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B

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SHEET TITLE:

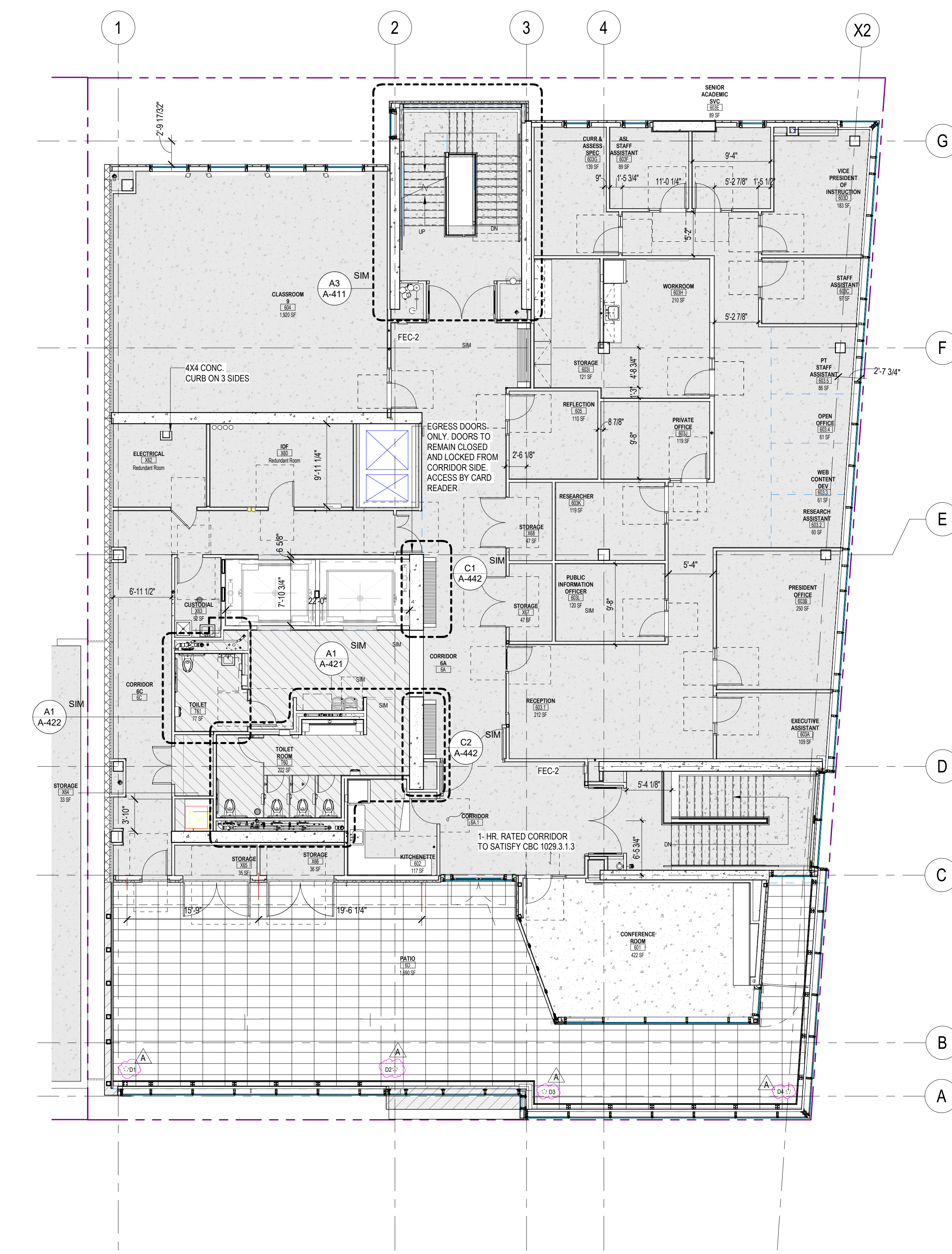
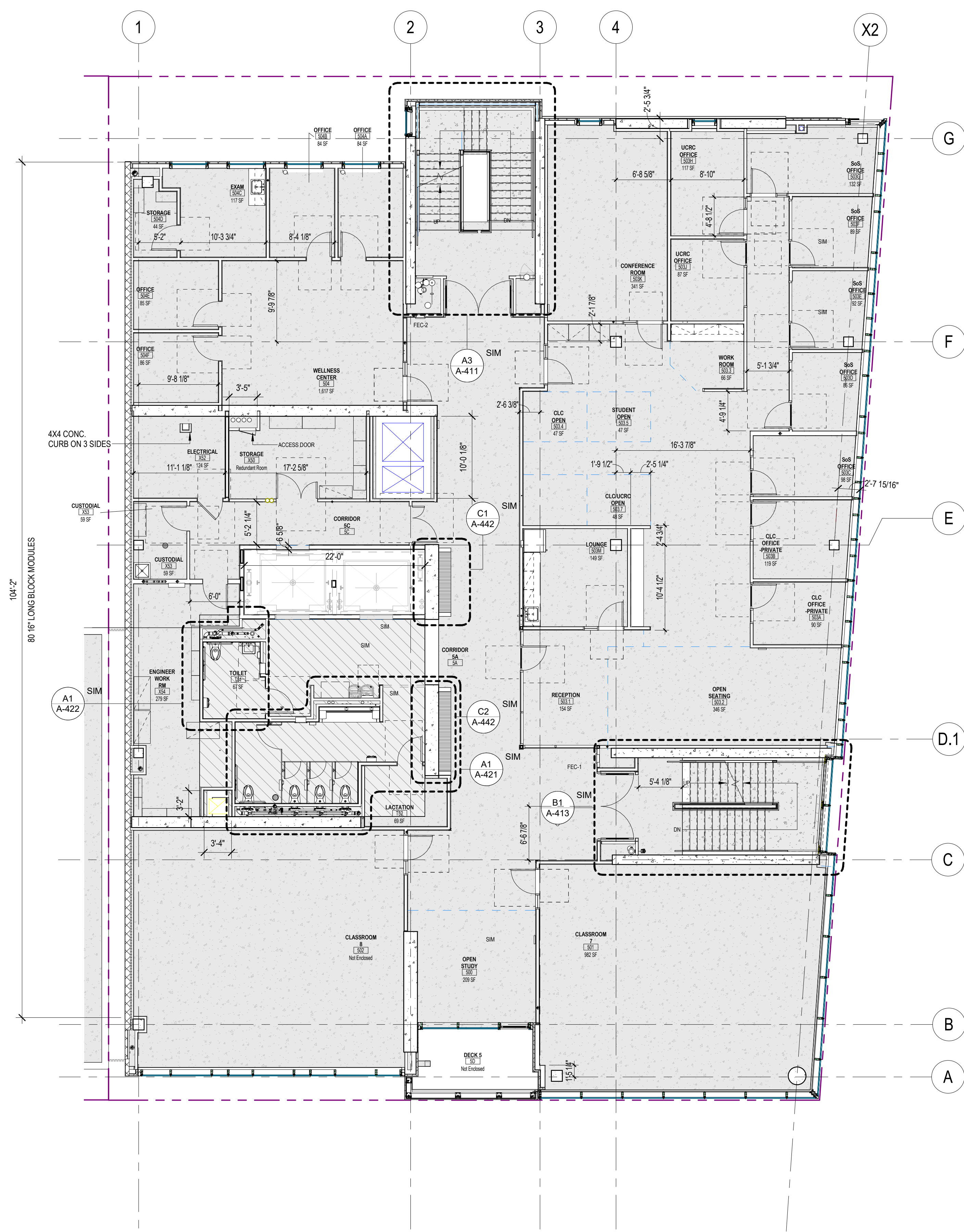
**DIMENSION PLAN -
LEVELS 5 & 6**

SCALE: 1/8" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER:

A-122

06/16/2022 DSA SUBMITTAL



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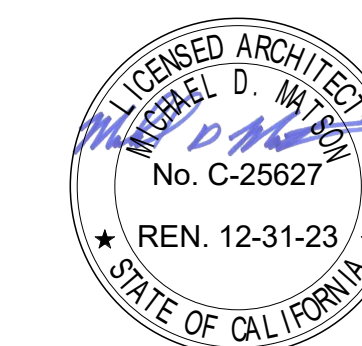
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**PERALTA COMMUNITY COLLEGE DISTRICT
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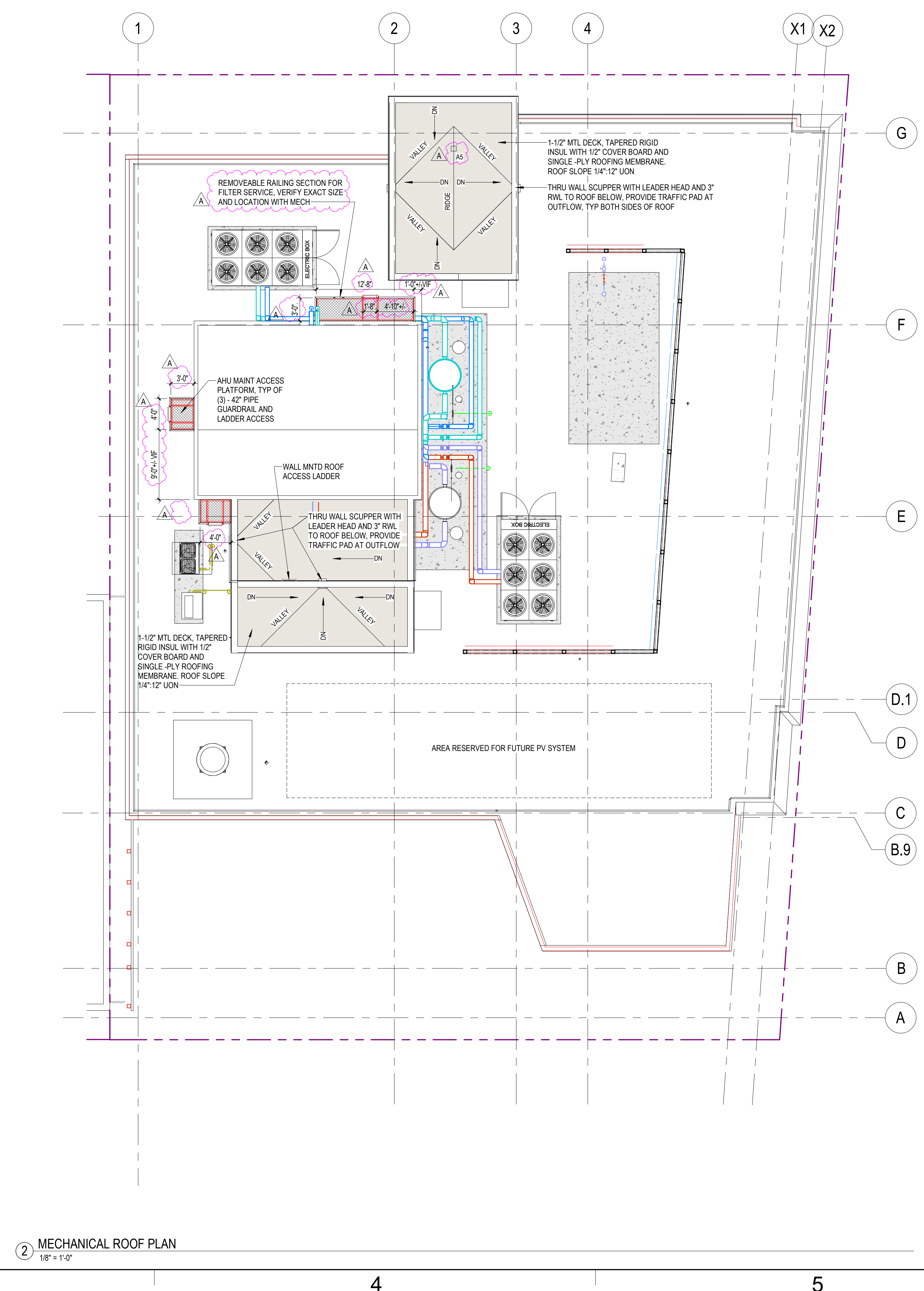
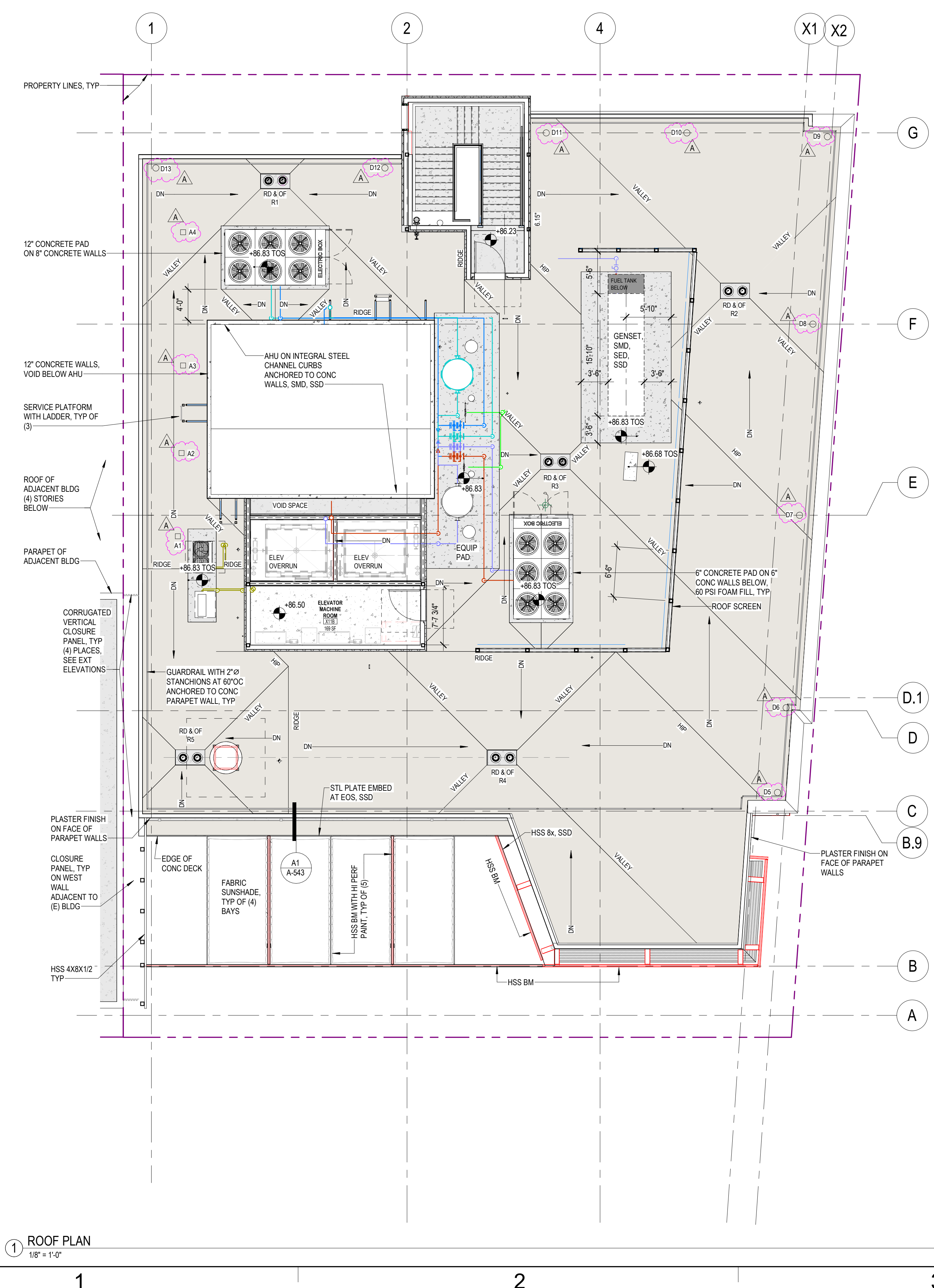
SHEET TITLE:
**DIMENSION PLAN -
ROOF & MECH ROOF**

SCALE: 1/8" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER: **A-123**

06/16/2022 DSA SUBMITTAL

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1 2 3 4 5

GENERAL NOTES

1. ALL EXTERIOR GLAZING IS TO BE GL-01 OR GL-02, HEAT STRENGTHENED SAFETY GLASS.

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Bid Addendum 1	A
	06/29/22

**PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE**
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:

EXTERIOR ELEVATIONS - SOUTH & EAST

SCALE: 1/8" = 1'-0"
PROJECT NUMBER: 21415

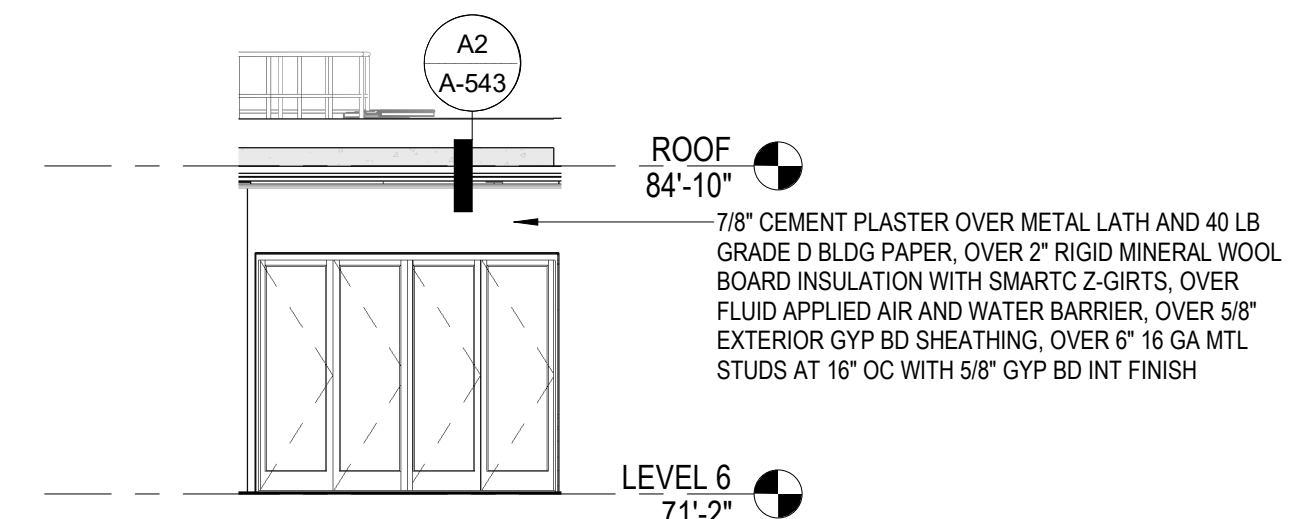
SHEET NUMBER: **A-200**

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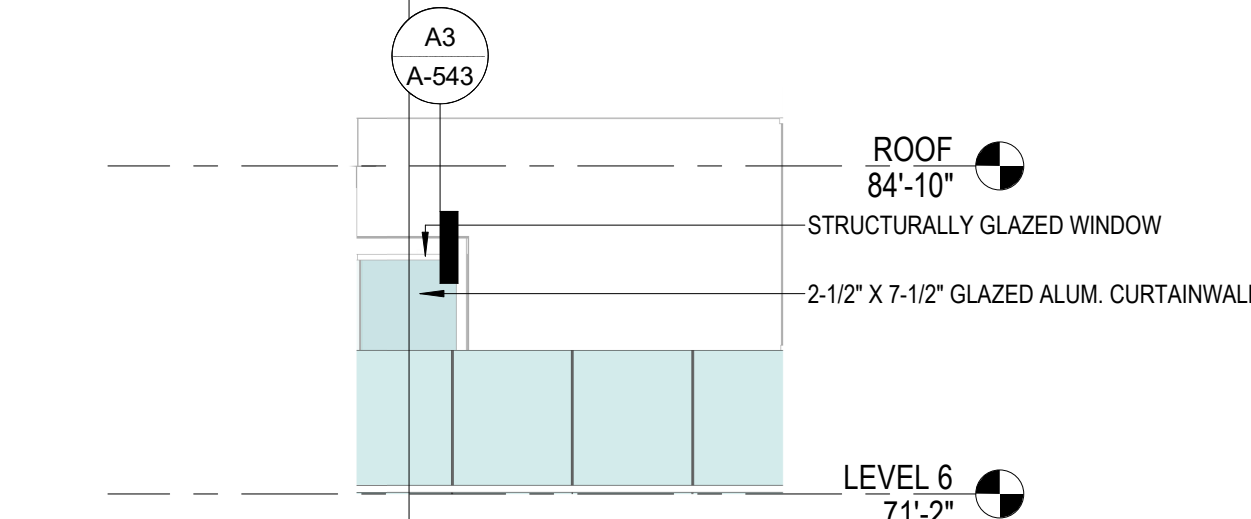
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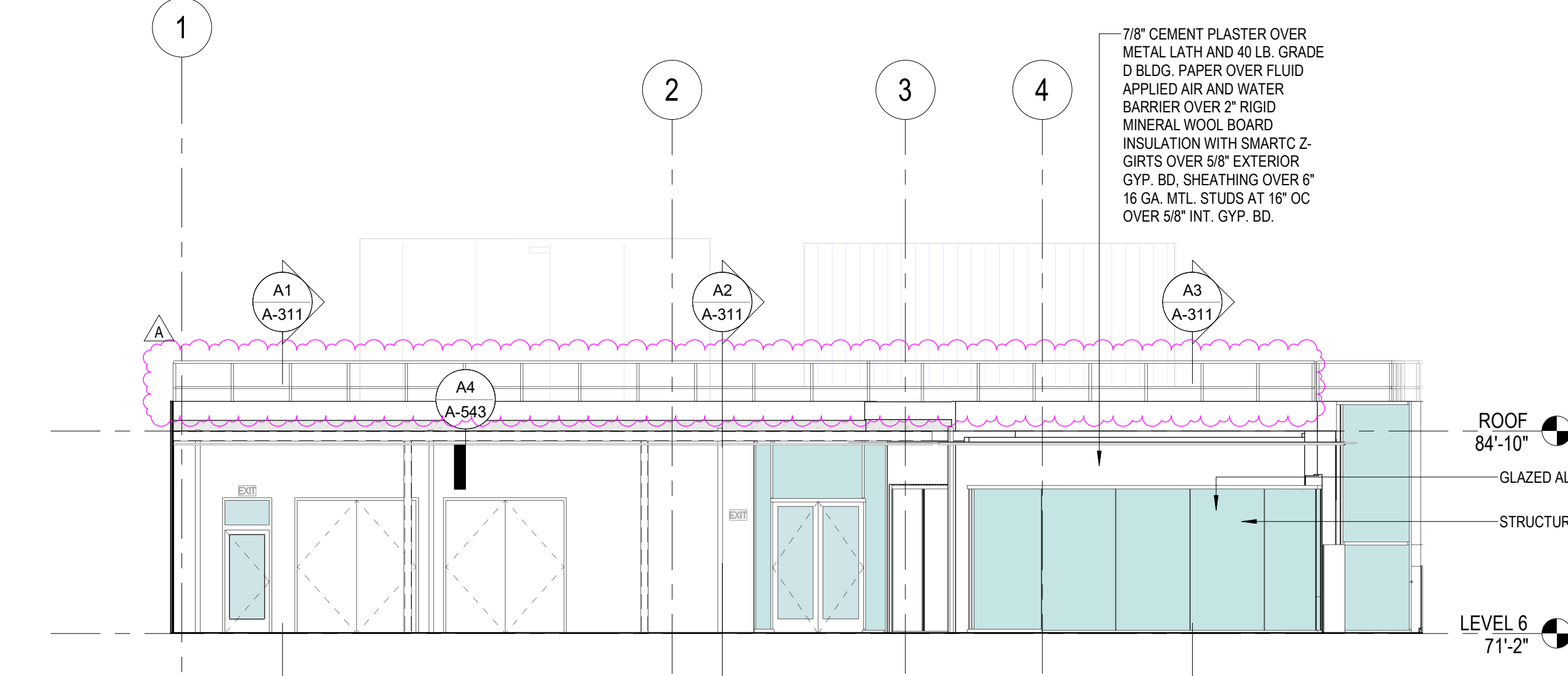
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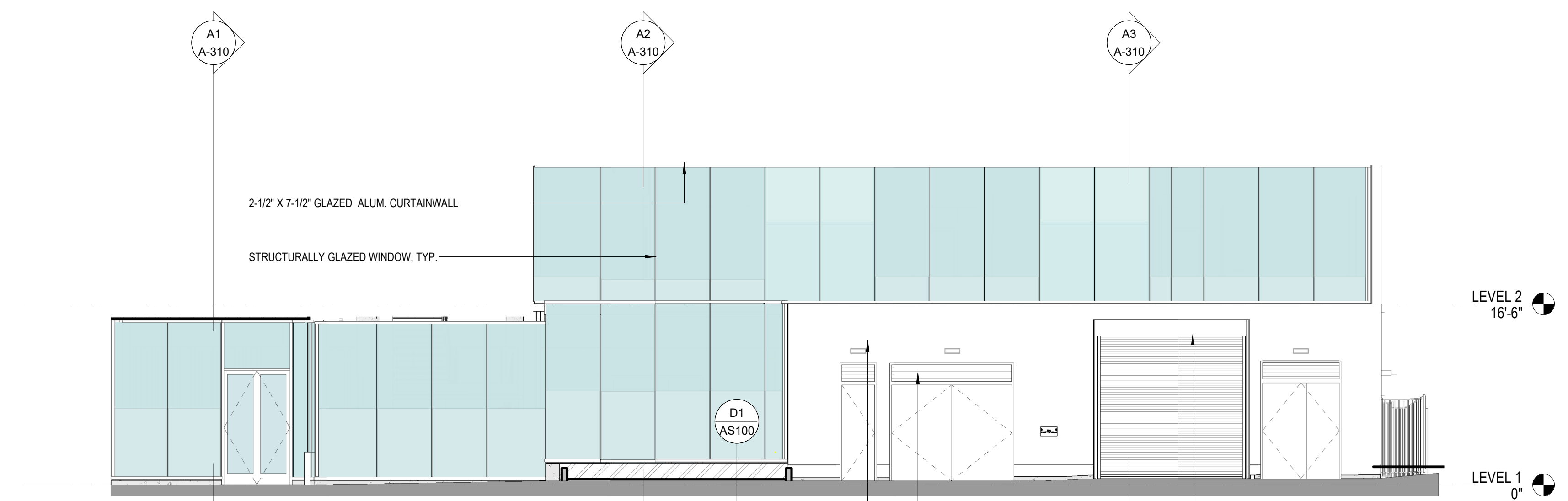
BUILDING ELEVATION - SOUTHWEST - LEVEL 6 PATIO AT CONFERENCE RM
1/8" = 1'-0"



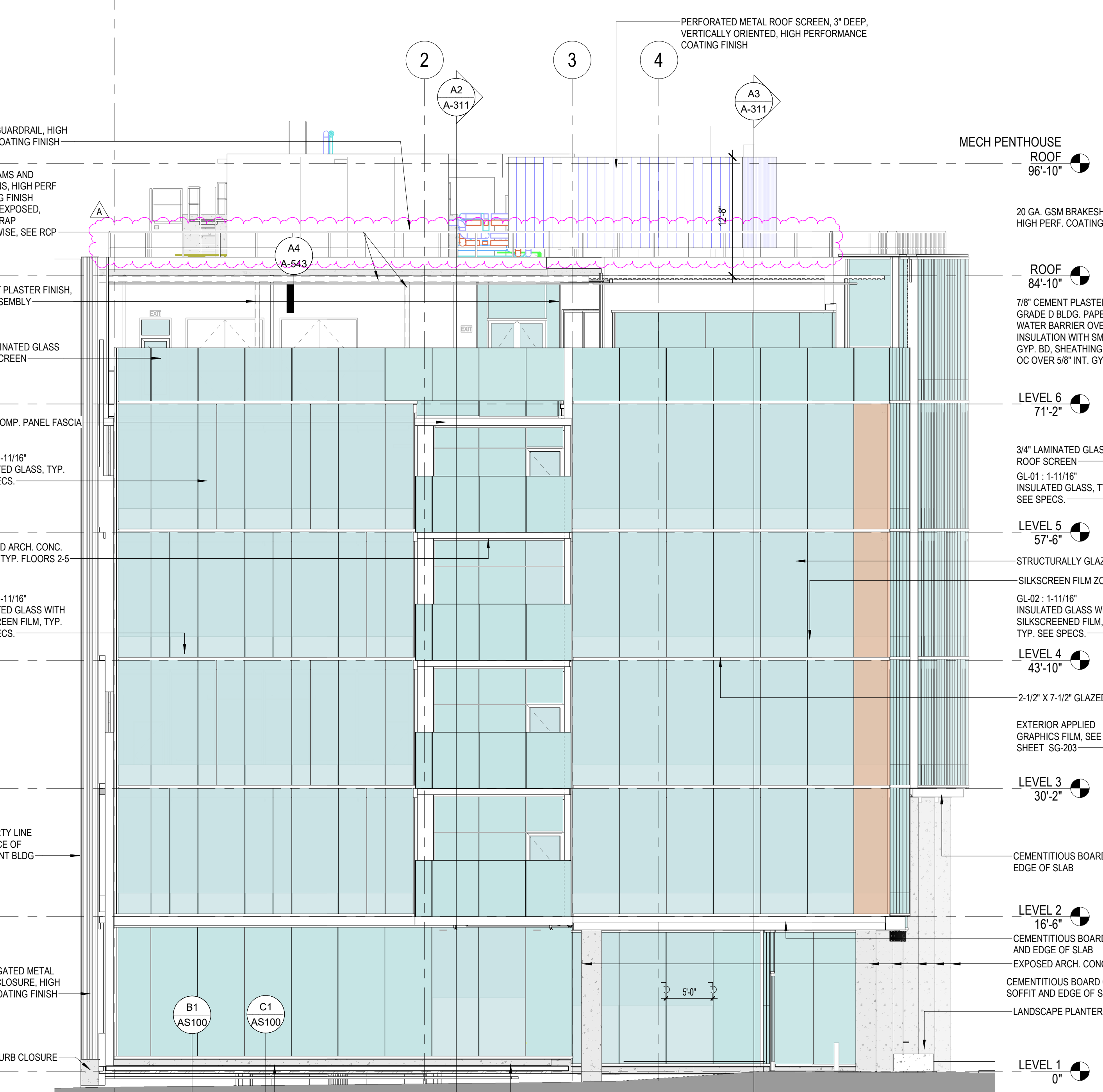
BUILDING ELEVATION - SOUTHEAST - LEVEL 6 PATIO AT CONFERENCE RM
1/8" = 1'-0"



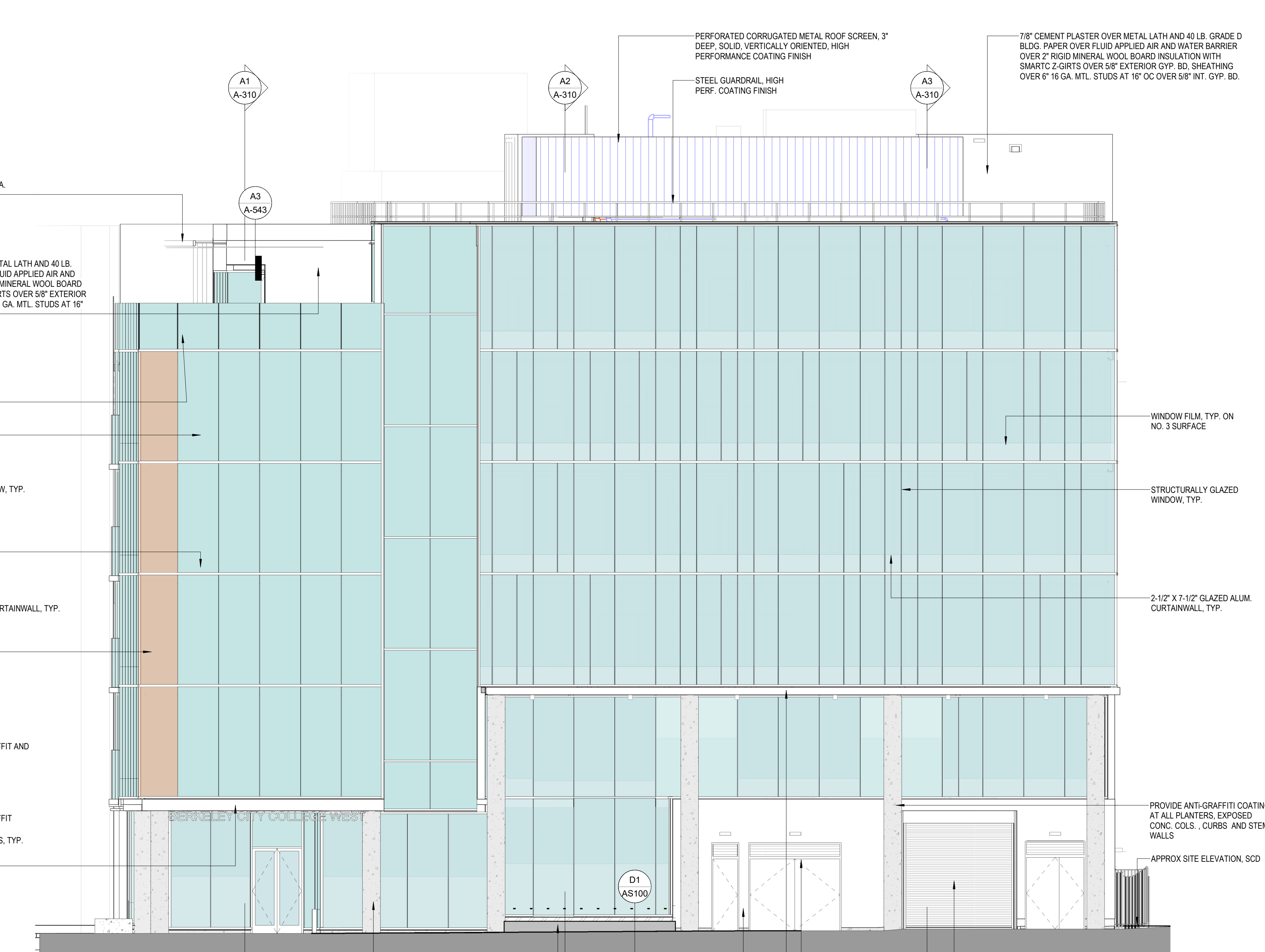
BUILDING ELEVATION - SOUTH - LEVEL 6 PATIO
1/8" = 1'-0"



BUILDING ELEVATION - EAST AT LEVEL 1 & 2 RECESSED FACADE
1/8" = 1'-0"



BUILDING ELEVATION - SOUTH
1/8" = 1'-0"



BUILDING ELEVATION - EAST
1/8" = 1'-0"

03/20/2022 2:48:00 AM

06/16/2022 DSA SUBMITTAL

GENERAL NOTES

1. ALL EXTERIOR GLAZING IS TO BE GL1, HEAT STRENGTHENED SAFETY GLASS.

DSA APPROVAL

RATCLIFF

5856 Doyle Street
Emeryville, CA 94608
Tel 510 899 6400
www.ratcliffarch.com



ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

**PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE**
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:
EXTERIOR ELEVATIONS - NORTH & WEST

SCALE: 1/8" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER: **A-201**

D

C

B

A

G

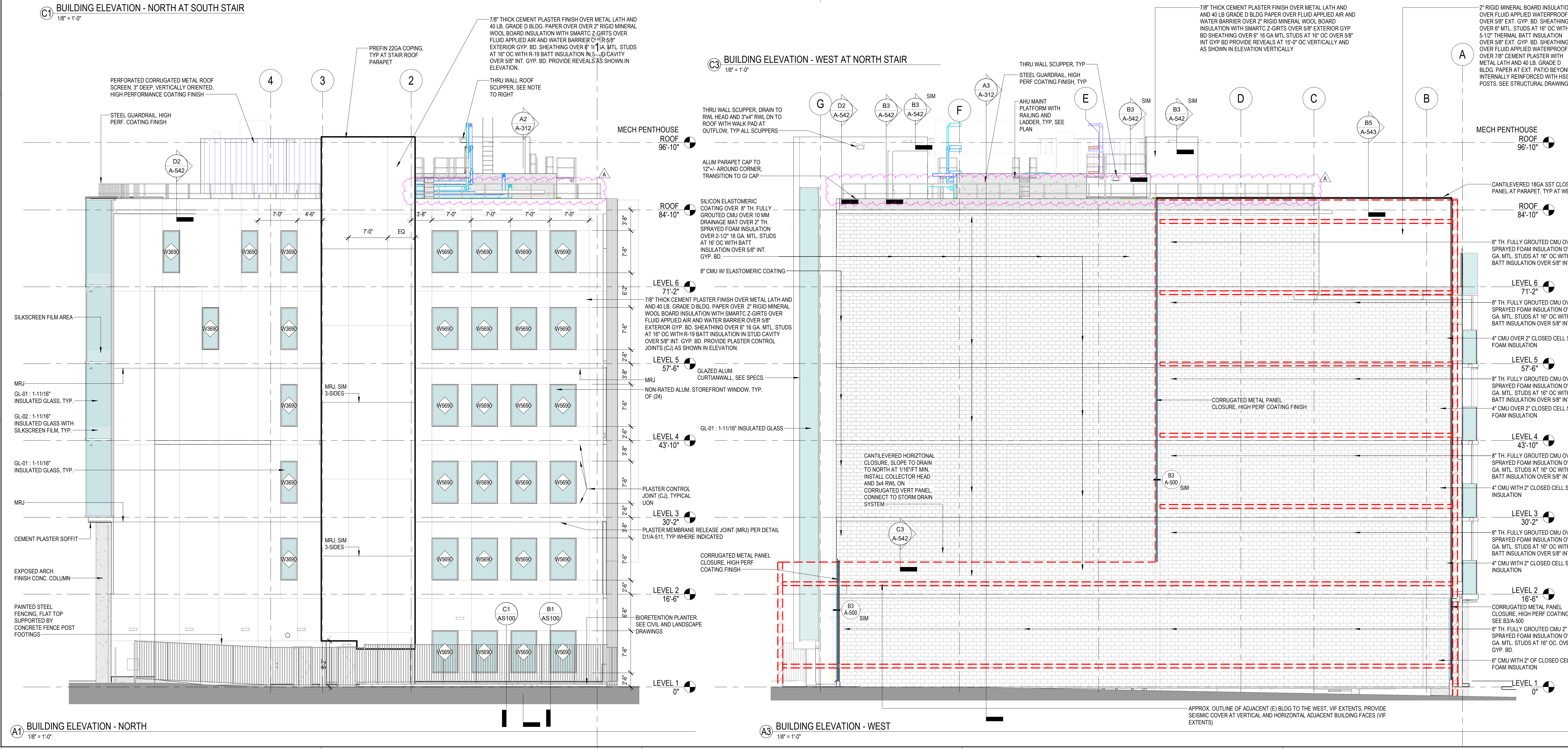
G

A3

C1 BUILDING ELEVATION - NORTH AT SOUTH STAIR
1/8" = 1'-0"

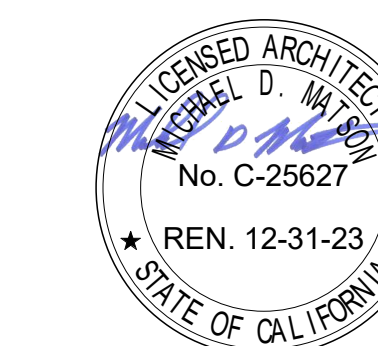
C3 BUILDING ELEVATION - WEST AT NORTH STAIR
1/8" = 1'-0"

A3 BUILDING ELEVATION - WEST
1/8" = 1'-0"



03/20/2022 10:20:01 AM

06/16/2022 DSA SUBMITTAL



ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

**PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE**
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

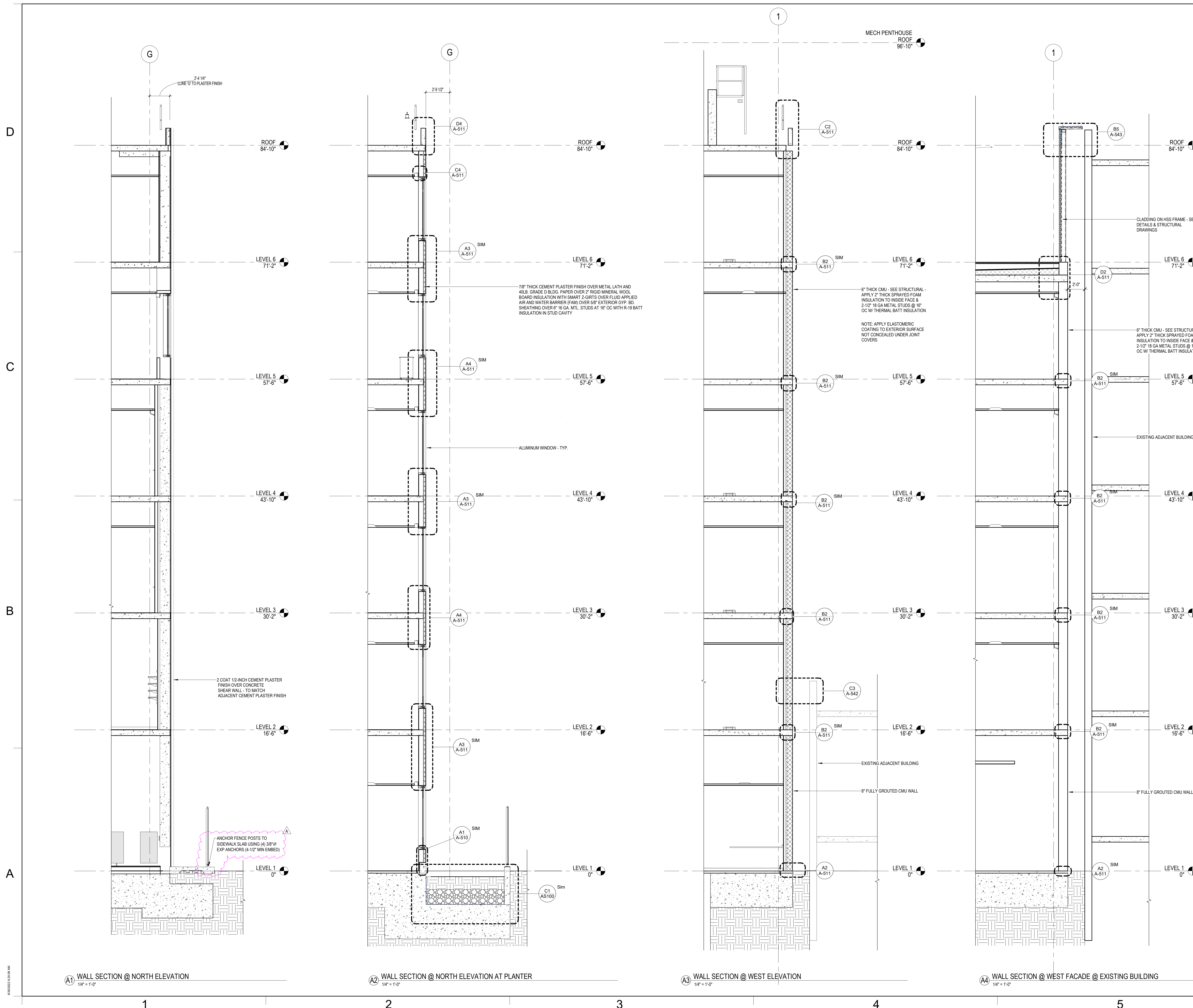
SHEET TITLE:
WALL SECTIONS

SCALE: 1/4" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER:

A-312

06/16/2022 DSA SUBMITTAL



A1 WALL SECTION @ NORTH ELEVATION
1/4" = 1'-0"

A2 WALL SECTION @ NORTH ELEVATION AT PLANTER
1/4" = 1'-0"

A3 WALL SECTION @ WEST ELEVATION
1/4" = 1'-0"

A4 WALL SECTION @ WEST FACADE @ EXISTING BUILDING
1/4" = 1'-0"

06/29/2022 10:28 AM

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ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:
ENLARGED PLANS - NORTH STAIR PLANS & RCPS

SCALE: As indicated
PROJECT NUMBER: 21415

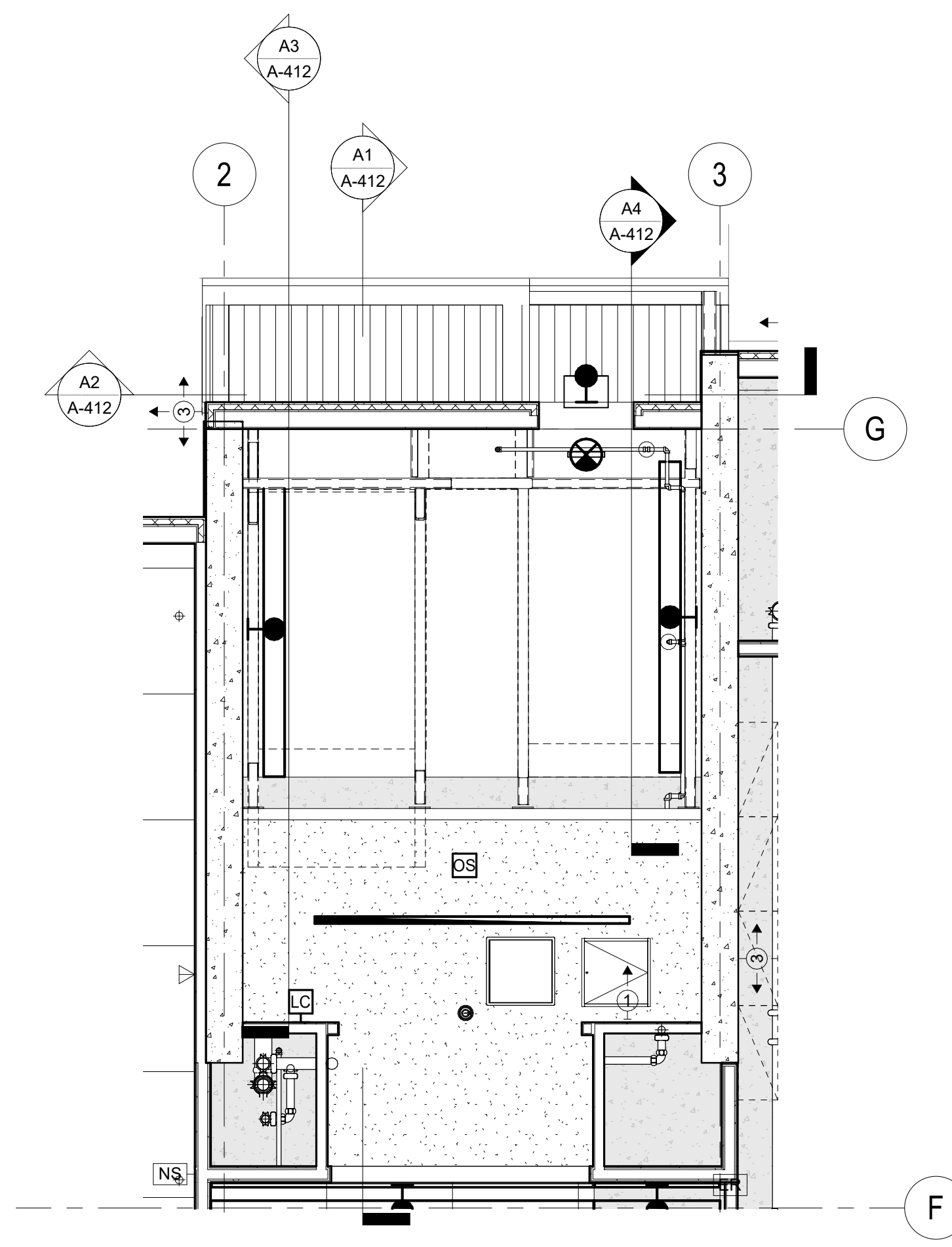
SHEET NUMBER: **A-411**

D

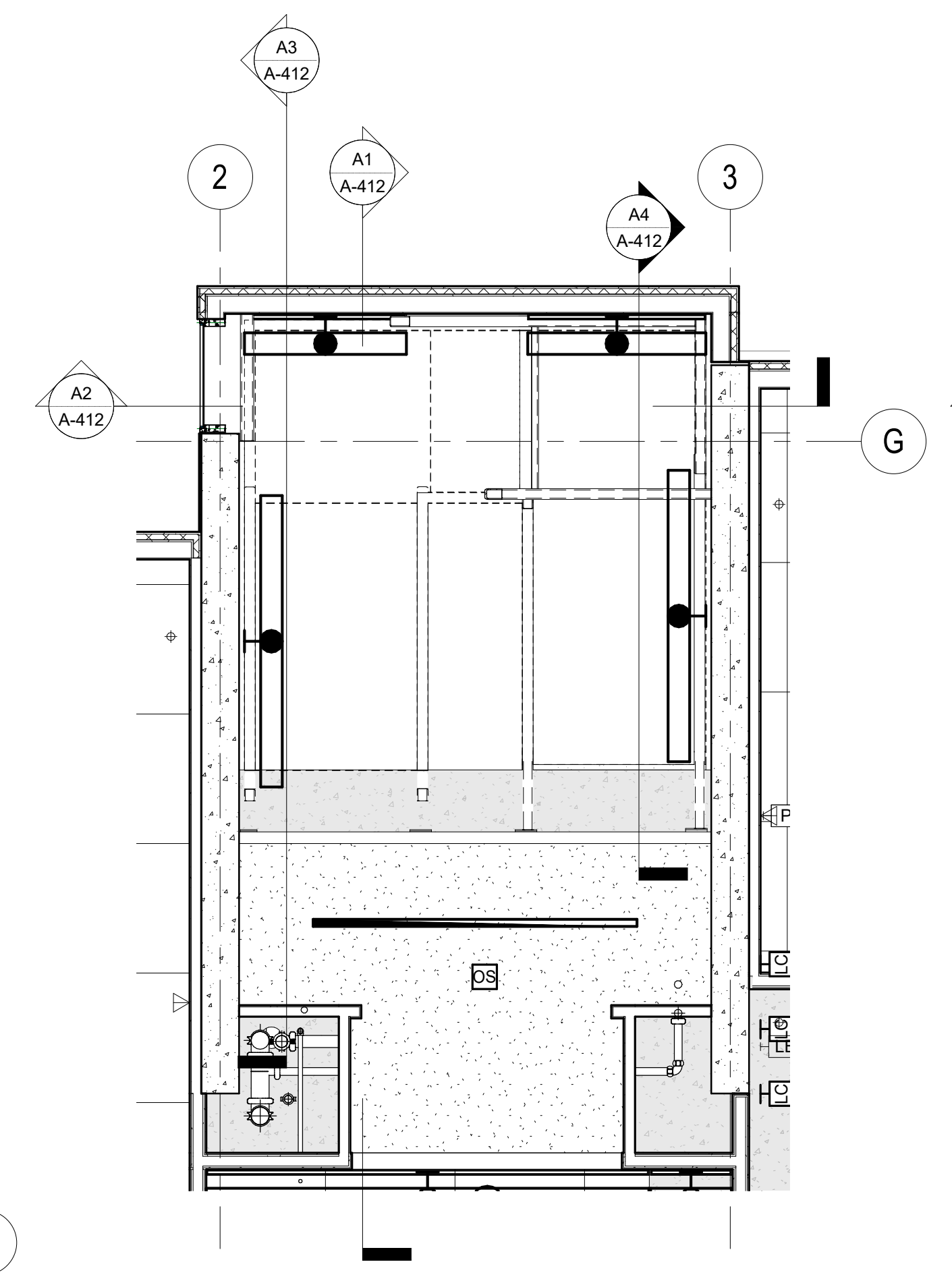
C

B

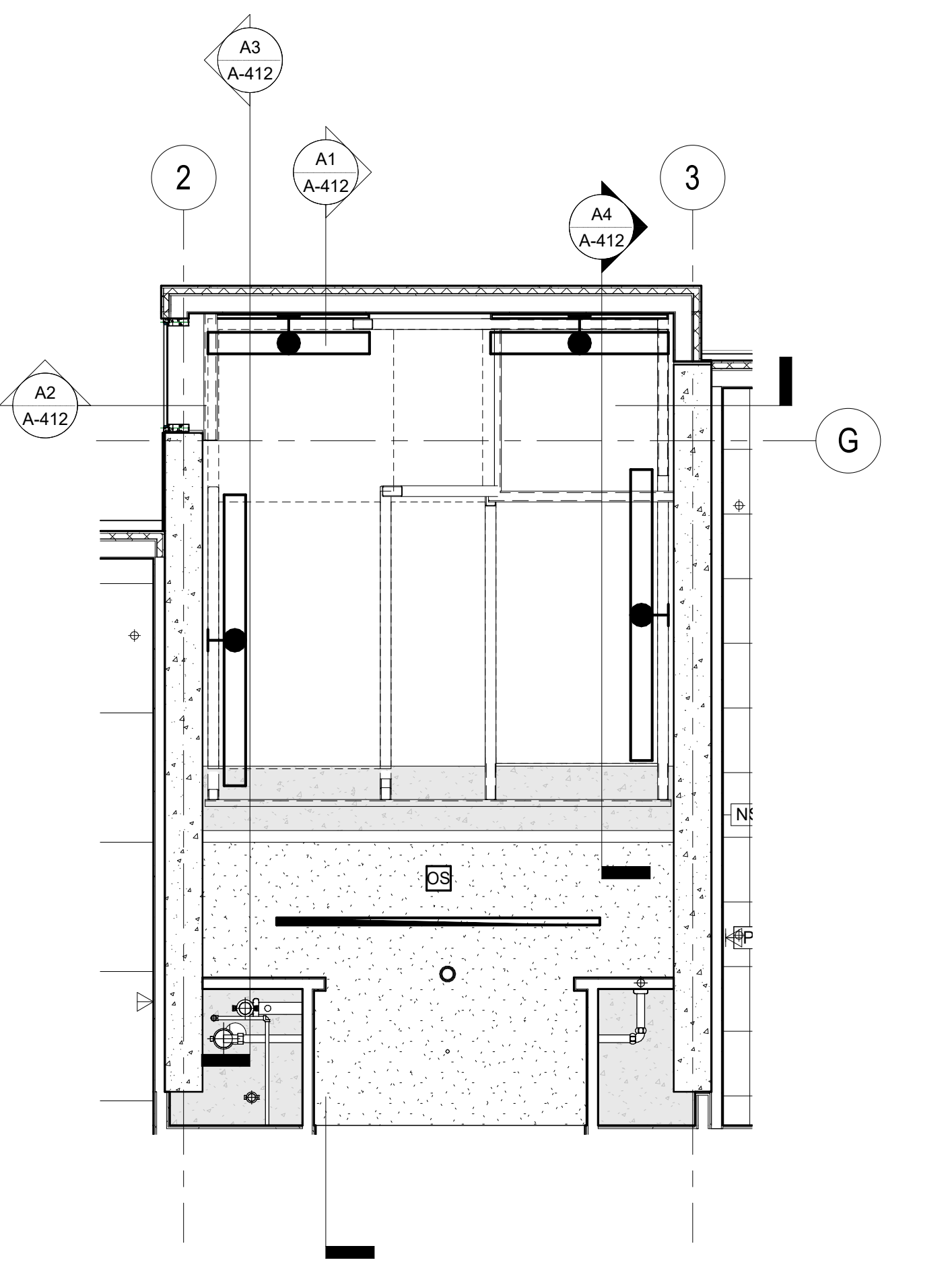
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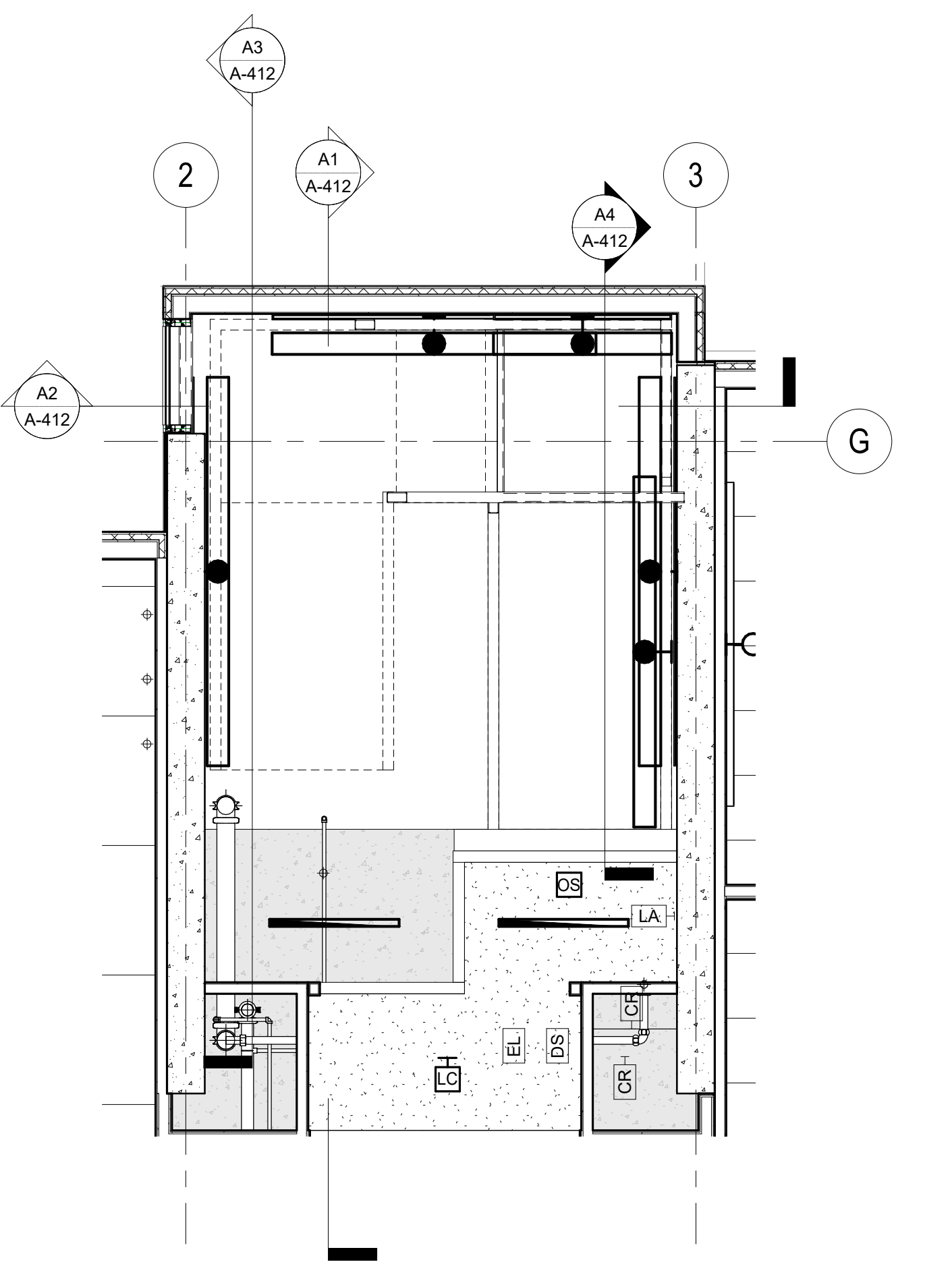
B1 ENLARGED REFLECTED CEILING PLAN - LEVEL 1 NORTH STAIR
1/4" = 1'-0"



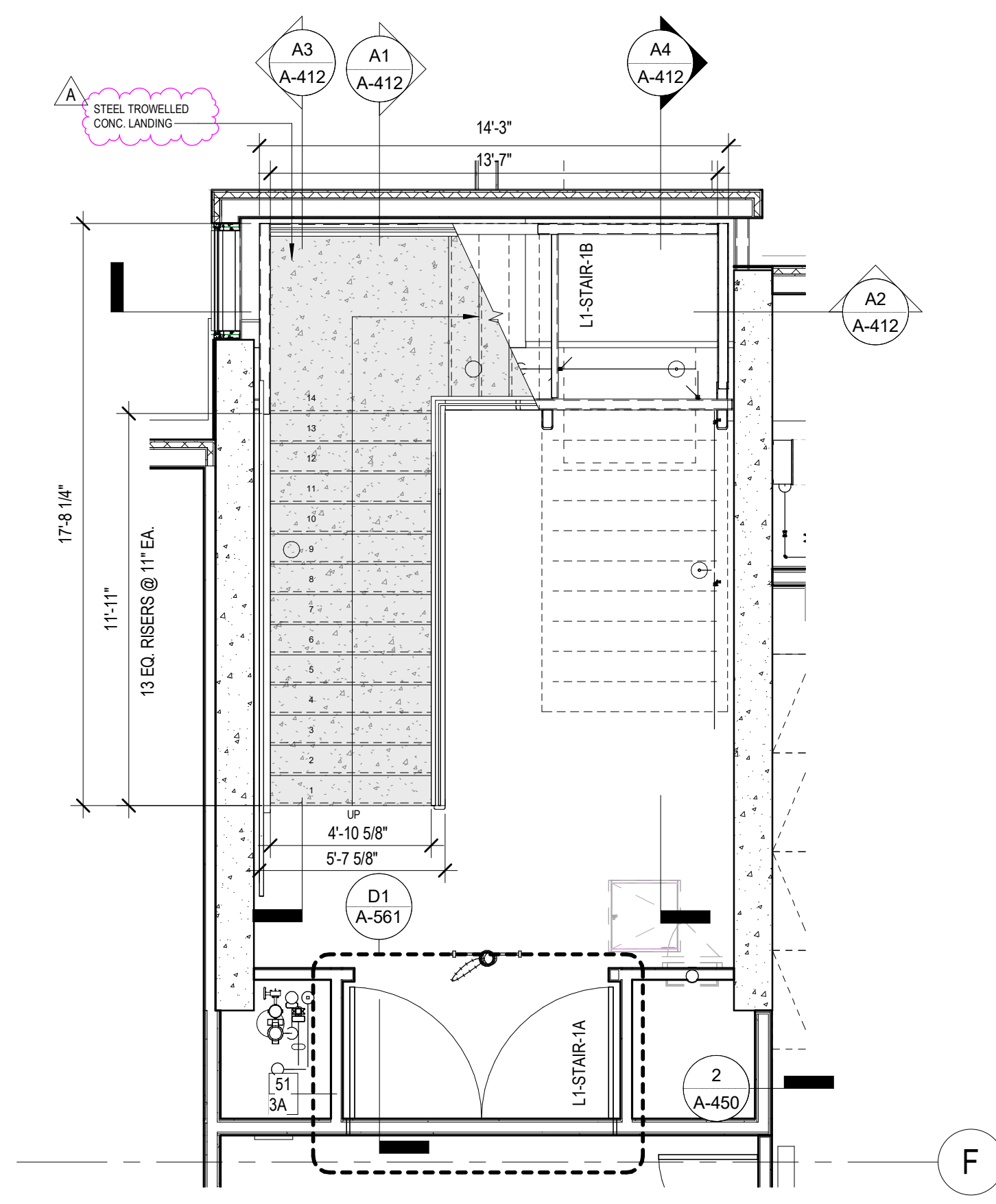
B2 ENLARGED REFLECTED CEILING PLAN - LEVEL 2 NORTH STAIR
1/4" = 1'-0"



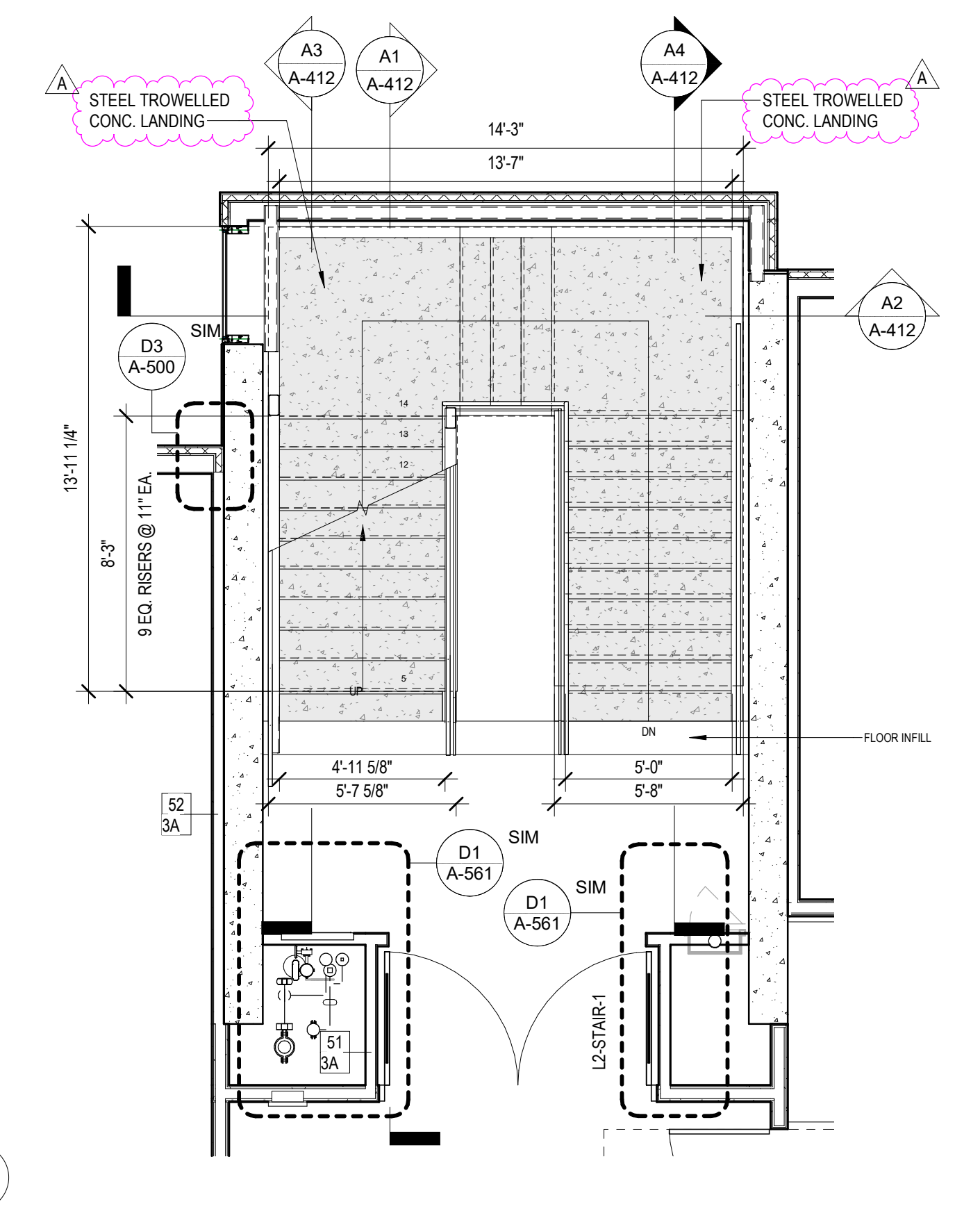
B3 ENLARGED REFLECTED CEILING PLAN - LEVELS 3-5 NORTH STAIR
1/4" = 1'-0"



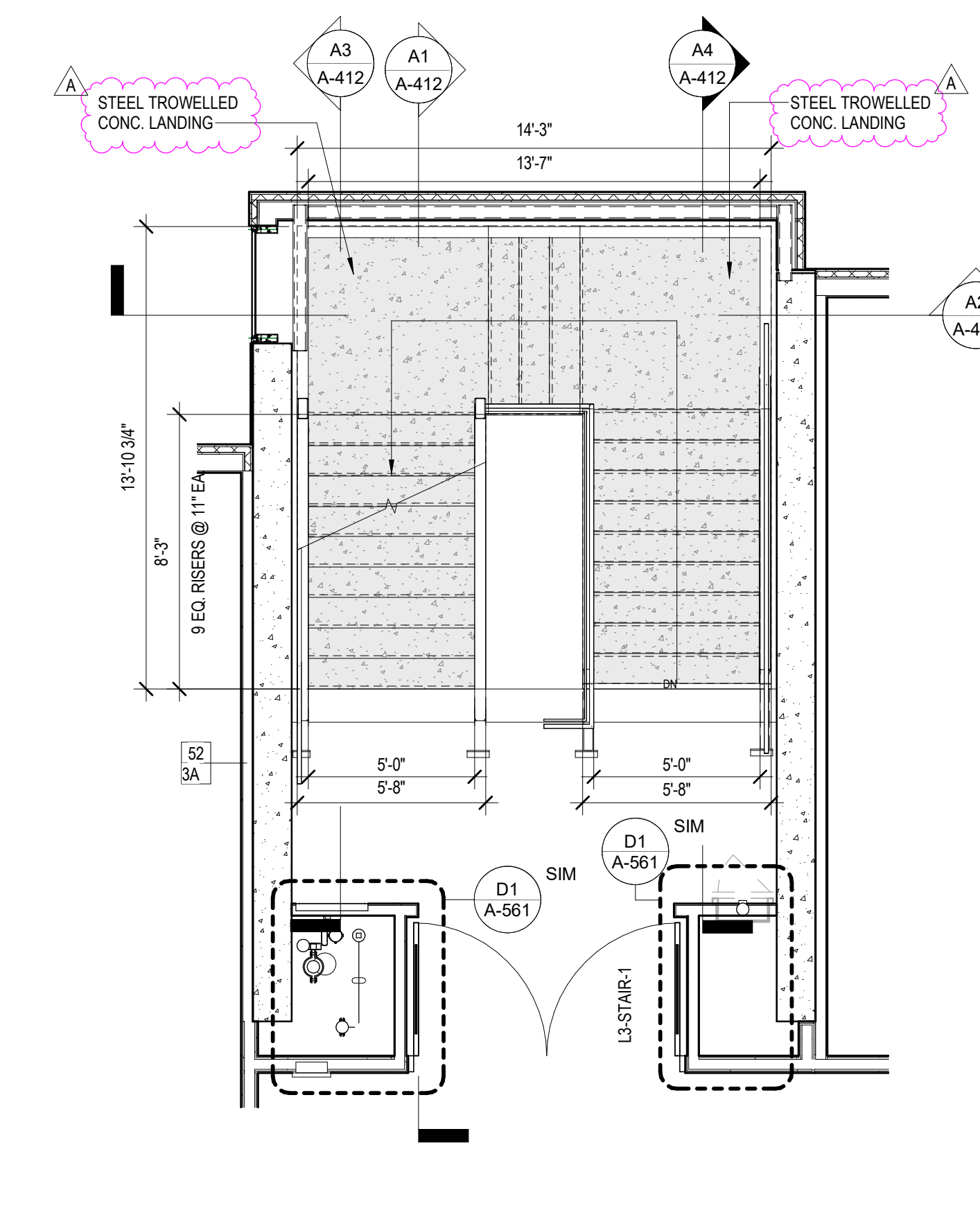
B4 ENLARGED REFLECTED CEILING PLAN - LEVEL 6 NORTH STAIR
1/4" = 1'-0"



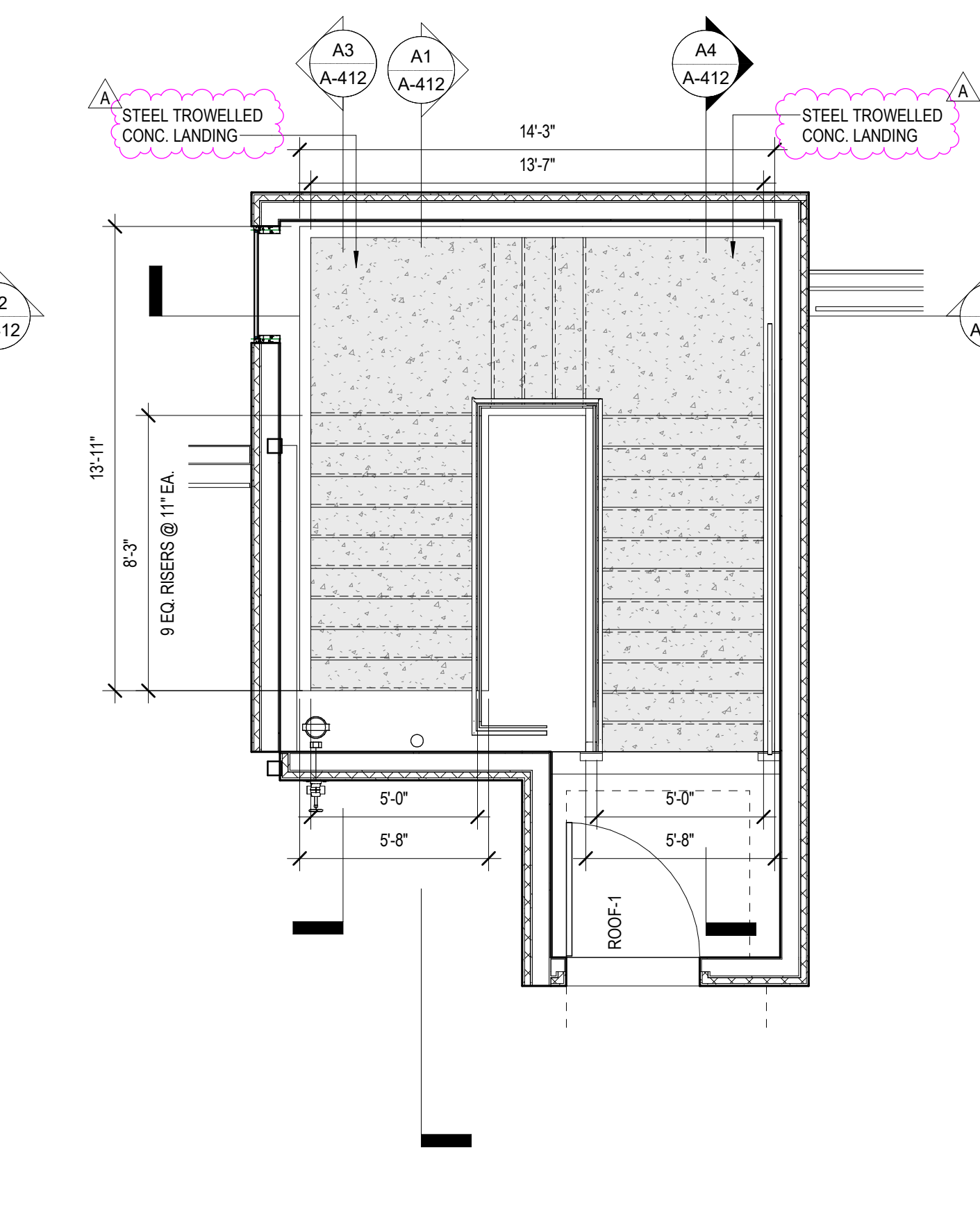
A1 ENLARGED FLOOR PLAN - LEVEL 1 NORTH STAIR
1/4" = 1'-0"



A2 ENLARGED FLOOR PLAN - LEVEL 2 NORTH STAIR
1/4" = 1'-0"

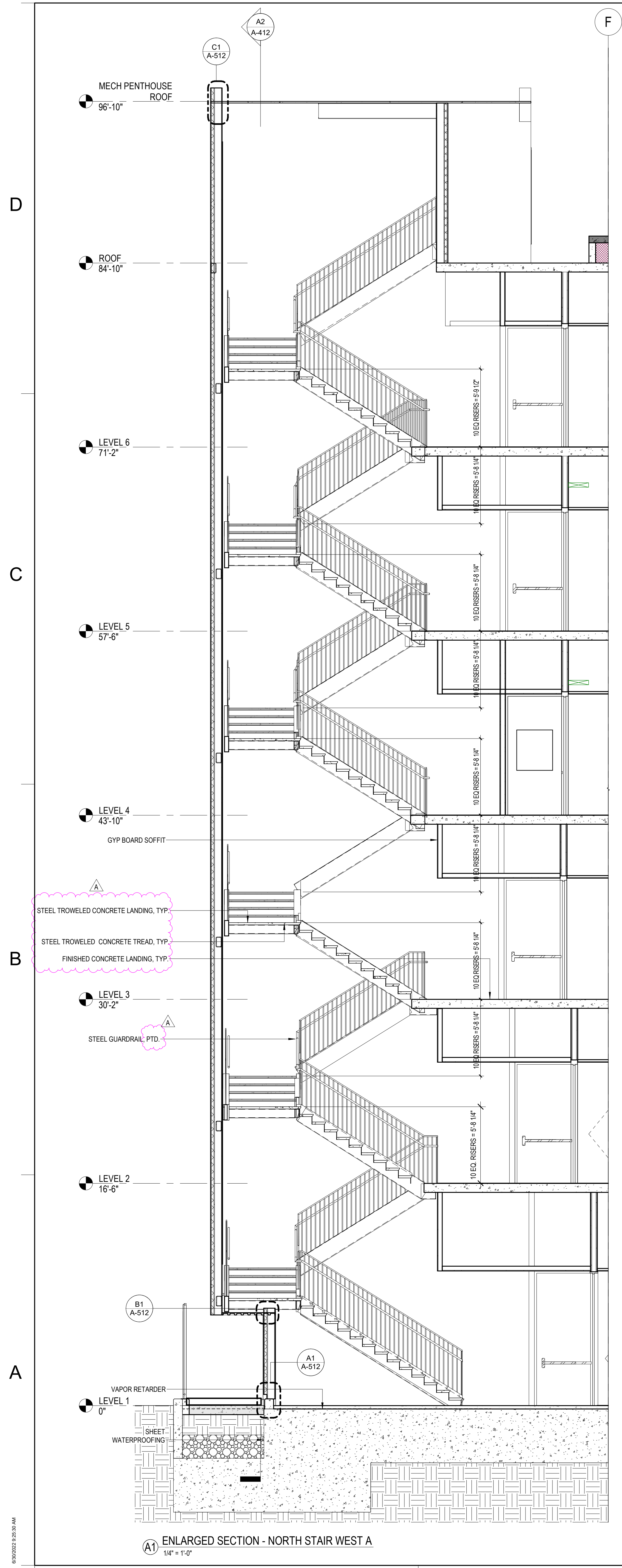


A3 ENLARGED FLOOR PLAN - LEVELS 3-6 NORTH STAIR
1/4" = 1'-0"

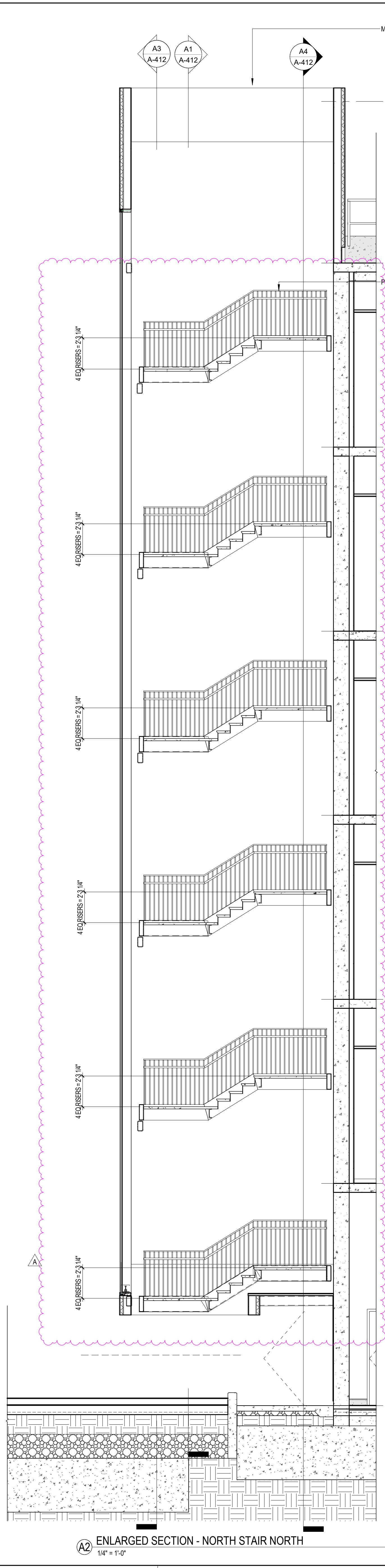


A4 ENLARGED FLOOR PLAN - ROOF NORTH STAIR
1/4" = 1'-0"

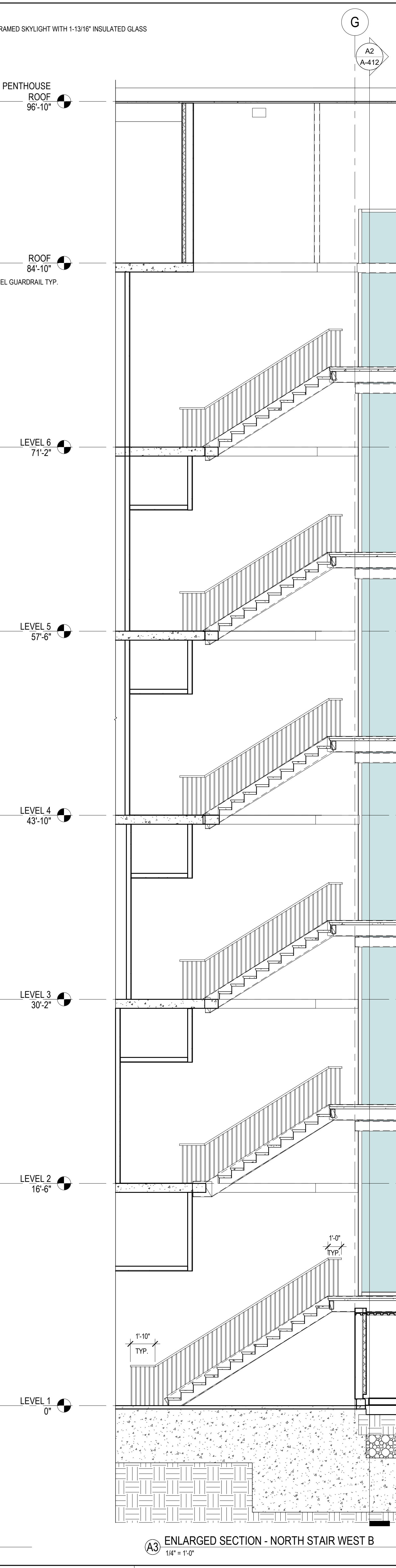
STAIR GENERAL NOTES
1 REFER TO SHEET A-410 FOR TYPICAL STAIR DETAILS
2 REFER TO SHEET A-410 FOR STAIR FINISHES



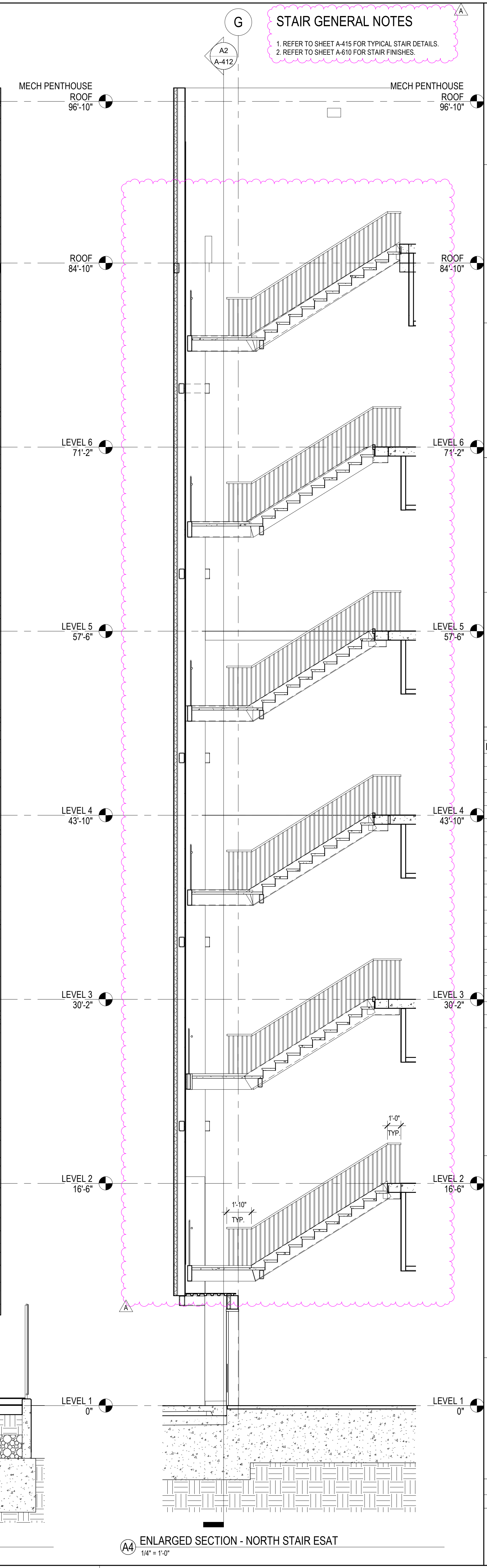
A1 ENLARGED SECTION - NORTH STAIR WEST A
1/4" = 1'-0"



A2 ENLARGED SECTION - NORTH STAIR NORTH
1/4" = 1'-0"



A3 ENLARGED SECTION - NORTH STAIR WEST B
1/4" = 1'-0"



A4 ENLARGED SECTION - NORTH STAIR EAST A
1/4" = 1'-0"

STAIR GENERAL NOTES
 1. REFER TO SHEET A-415 FOR TYPICAL STAIR DETAILS.
 2. REFER TO SHEET A-610 FOR STAIR FINISHES.

DSA APPROVAL

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LICENSED ARCHITECT
 MICHAEL D. W. RAY
 No. C-25627
 REN. 12-31-23
 STATE OF CALIFORNIA

ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

**PERALTA COMMUNITY COLLEGE DISTRICT
 BERKELEY CITY COLLEGE**
 2118 MILVIA STREET
 BERKELEY, CA. 94704

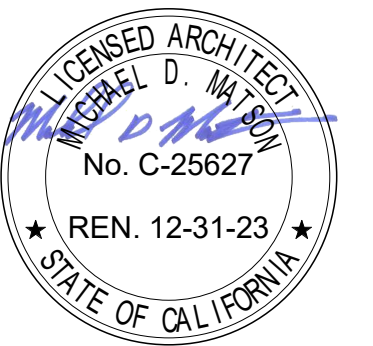
BCC WEST

SHEET TITLE:
NORTH STAIR SECTIONS

SCALE: As indicated
 PROJECT NUMBER: 21415

SHEET NUMBER: **A-412**

06/16/2022 DSA SUBMITTAL



ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

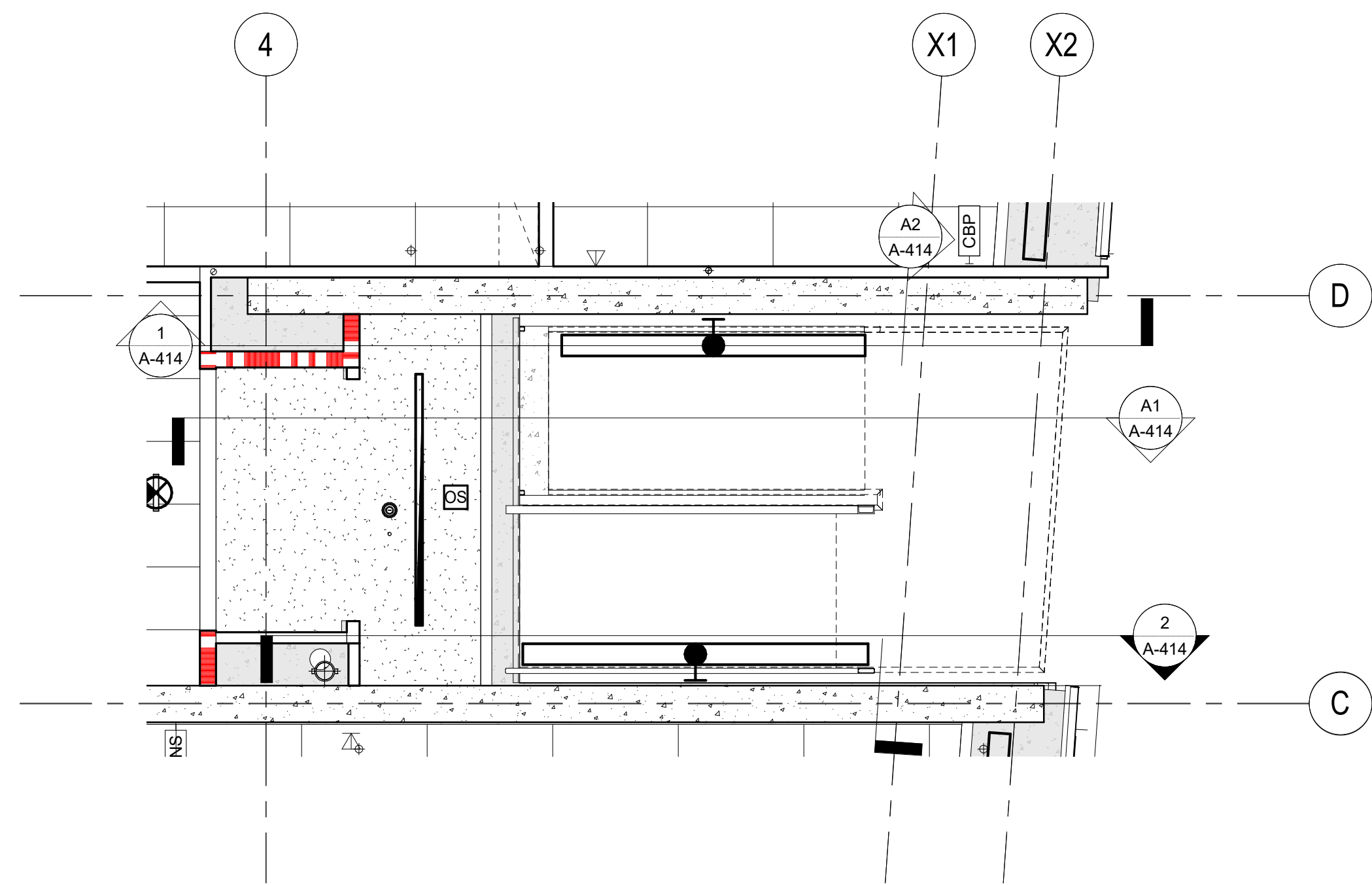
PERALTA COMMUNITY COLLEGE DISTRICT BERKELEY CITY COLLEGE
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

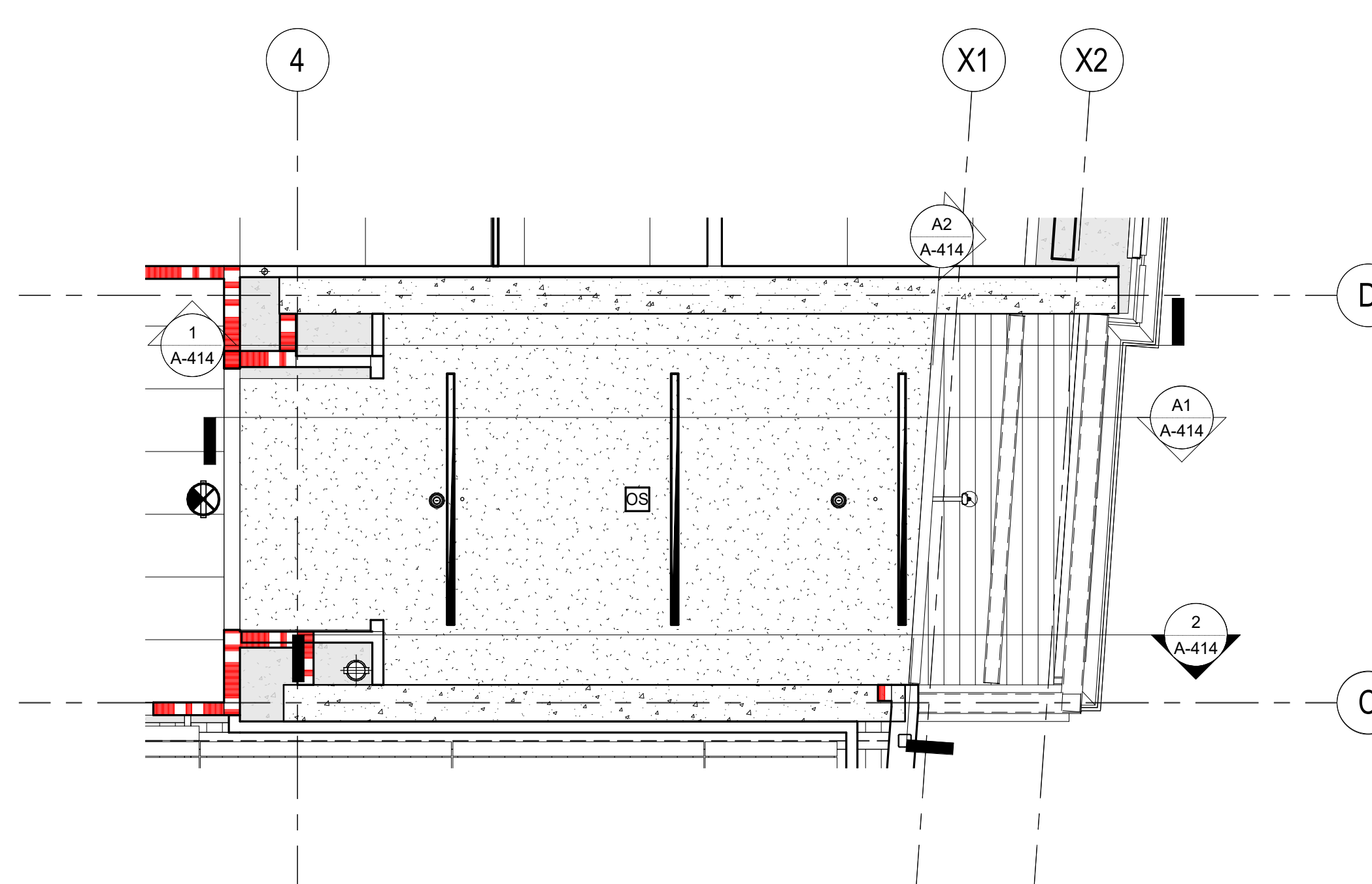
SHEET TITLE:
ENLARGED PLANS - SOUTH STAIR PLANS & RCPS

SCALE: As indicated
PROJECT NUMBER: 21415

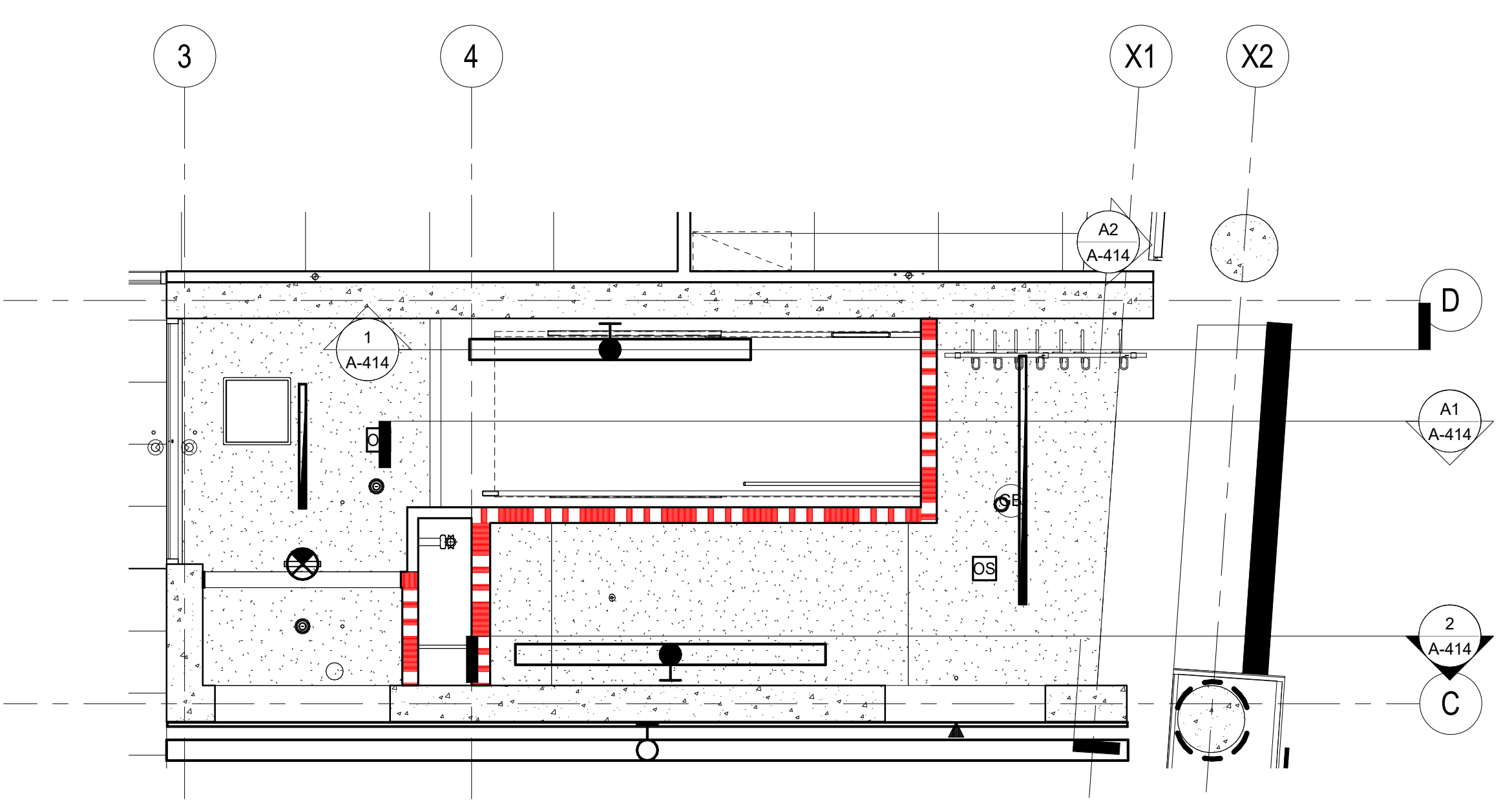
SHEET NUMBER: **A-413**



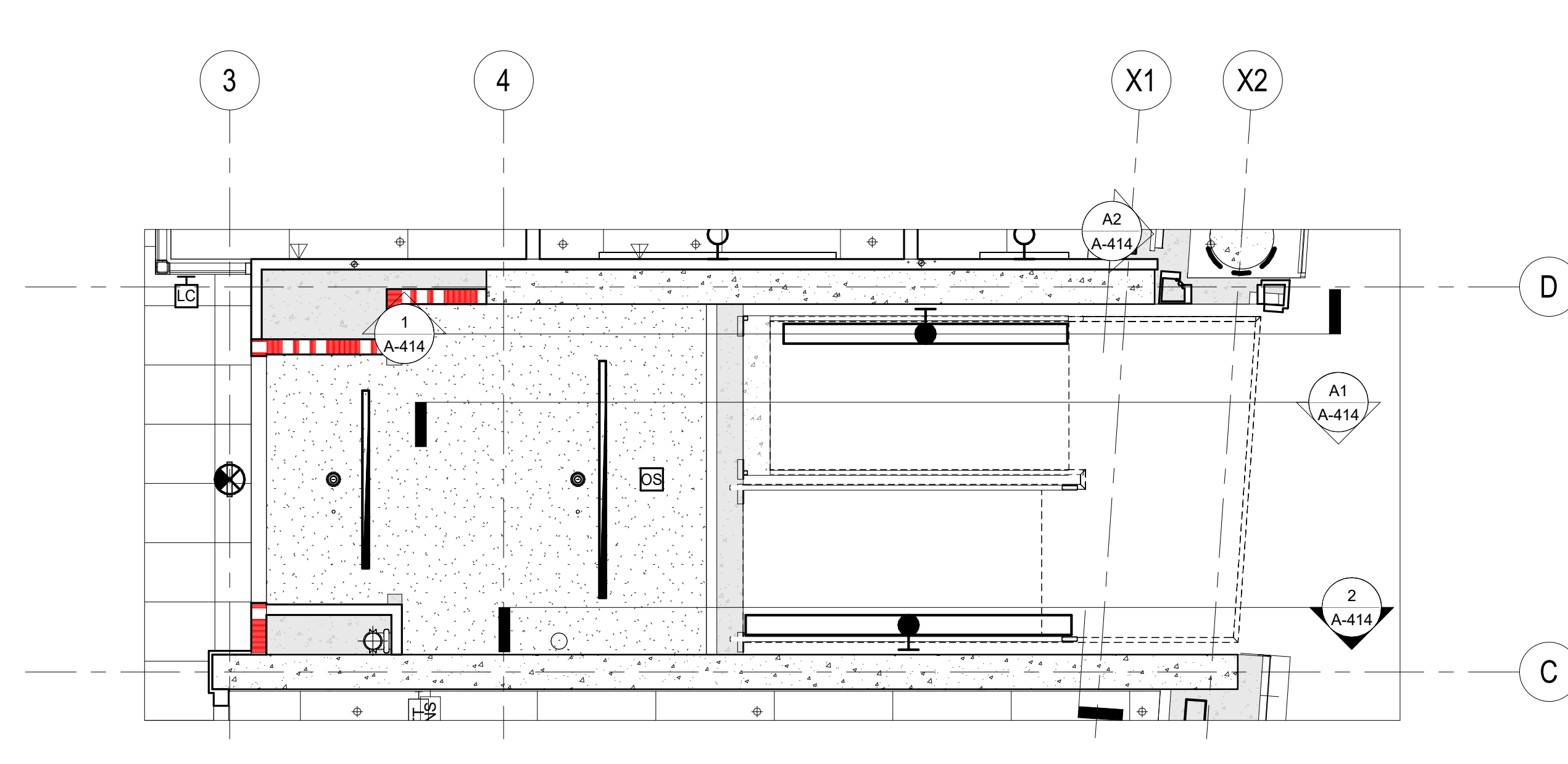
D1 ENLARGED RCP - LEVELS 3-5 SOUTH STAIR
1/4" = 1'-0"



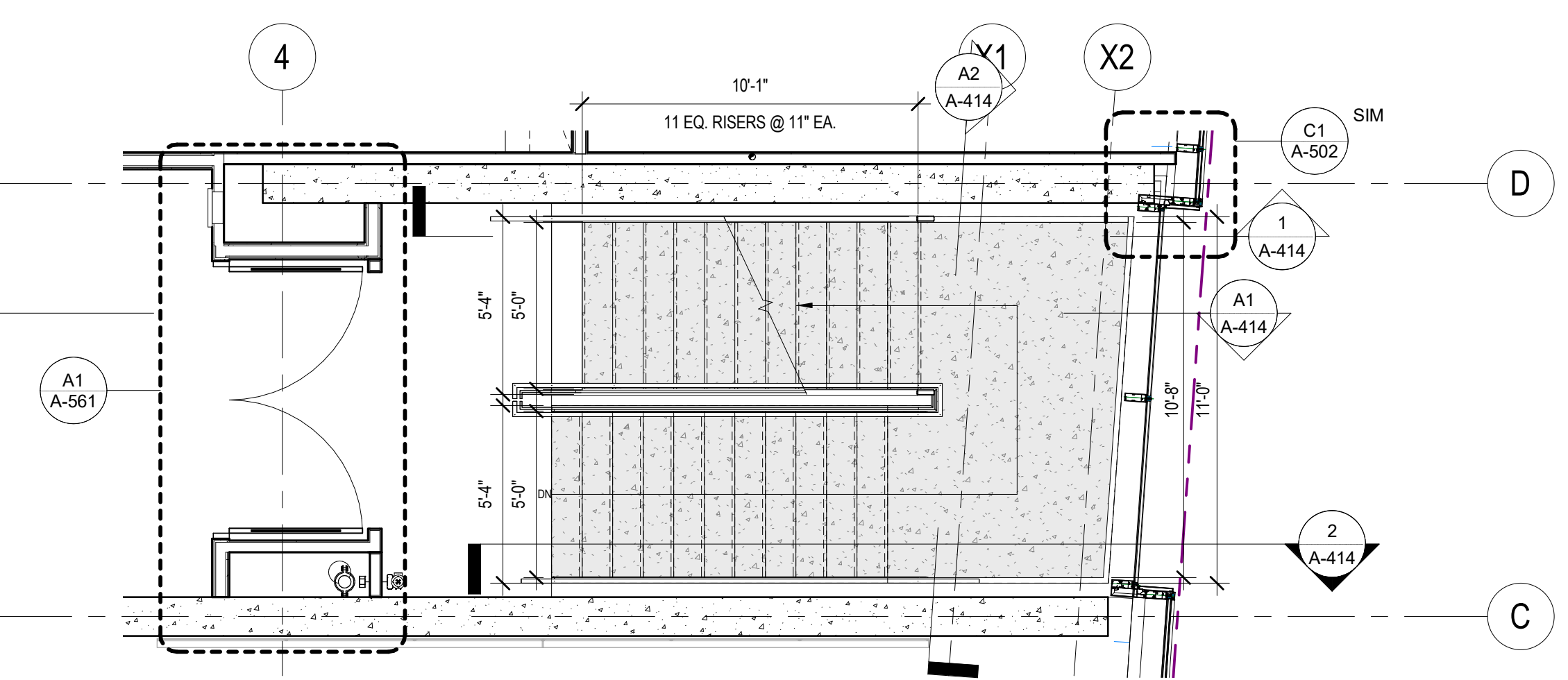
D3 ENLARGED RCP - LEVEL 6 SOUTH STAIR
1/4" = 1'-0"



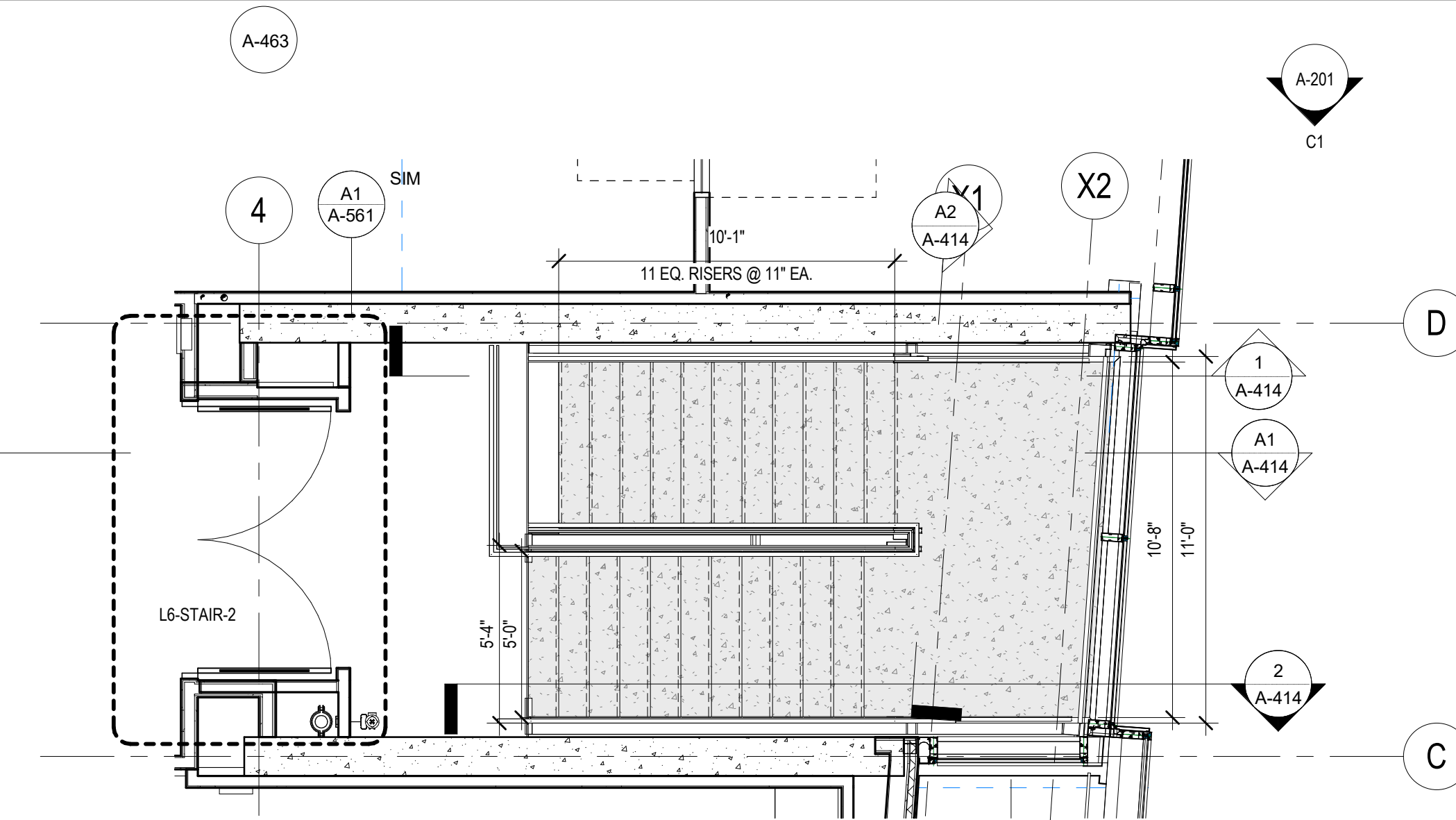
C1 ARCH ENLARGED RCP - LEVEL 1 SOUTH STAIR
1/4" = 1'-0"



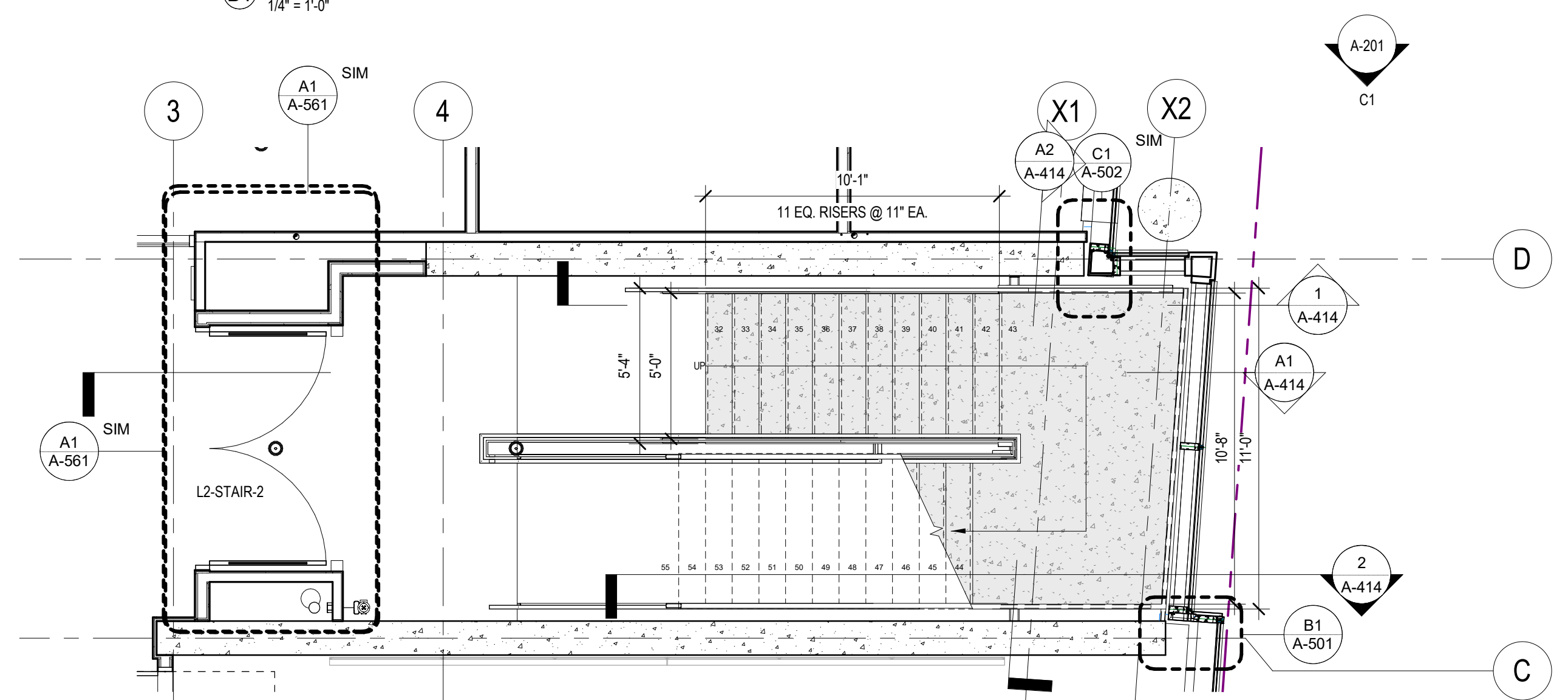
C3 ENLARGED RCP - LEVEL 2 SOUTH STAIR
1/4" = 1'-0"



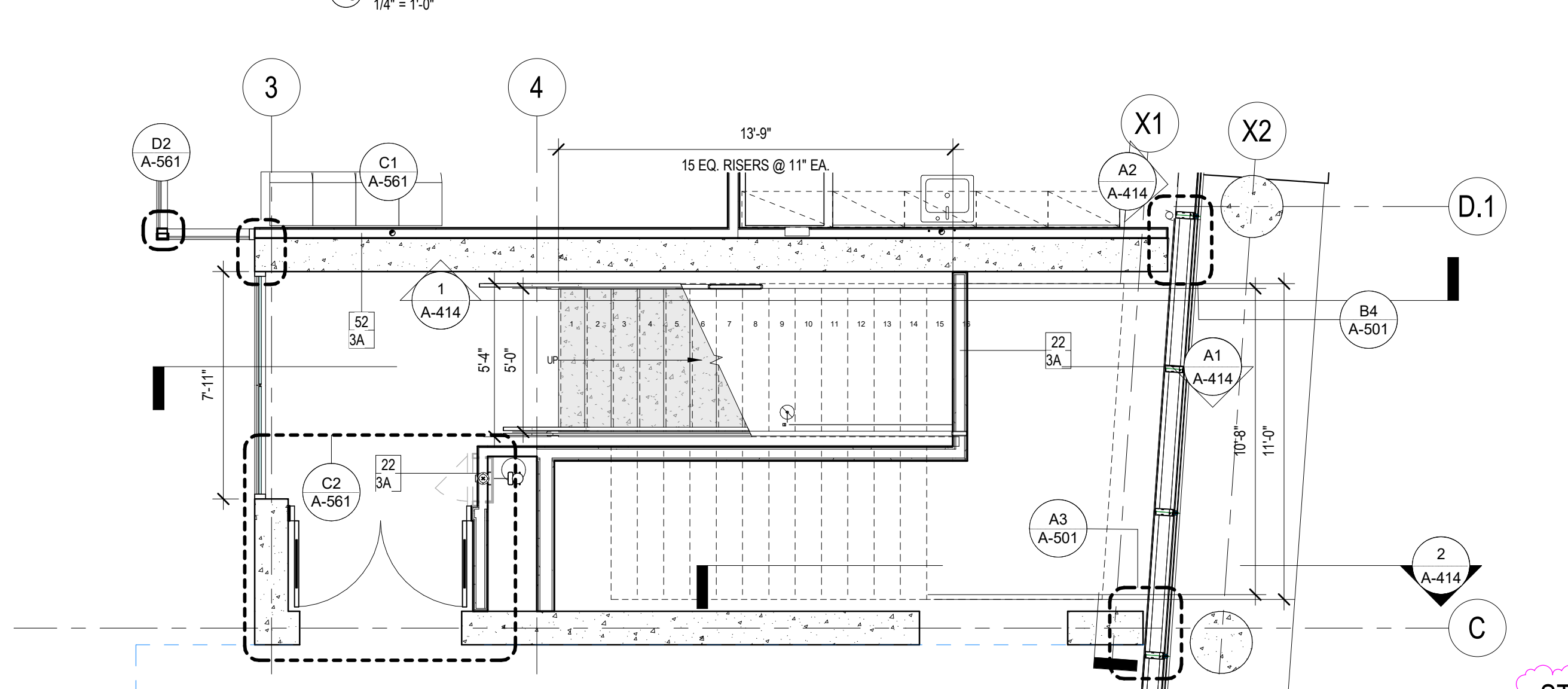
B1 ENLARGED FLOOR PLAN - LEVELS 3-5 SOUTH STAIR
1/4" = 1'-0"



B3 ENLARGED FLOOR PLAN - LEVEL 6 - SOUTH STAIR
1/4" = 1'-0"



A1 ENLARGED FLOOR PLAN - LEVEL 2 SOUTH STAIR
1/4" = 1'-0"



A3 ENLARGED FLOOR PLAN - LEVEL 1 SOUTH STAIR
1/4" = 1'-0"

STAIR GENERAL NOTES

1. REFER TO SHEET A-415 FOR TYPICAL STAIR DETAILS.
2. REFER TO SHEET A-610 FOR STAIR FINISHES.

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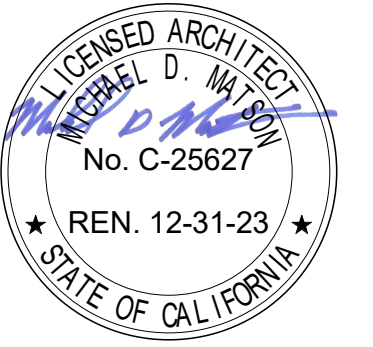
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06/16/2022 DSA SUBMITTAL



ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

**PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE**
2118 MILVIA STREET
BERKELEY, CA. 94704

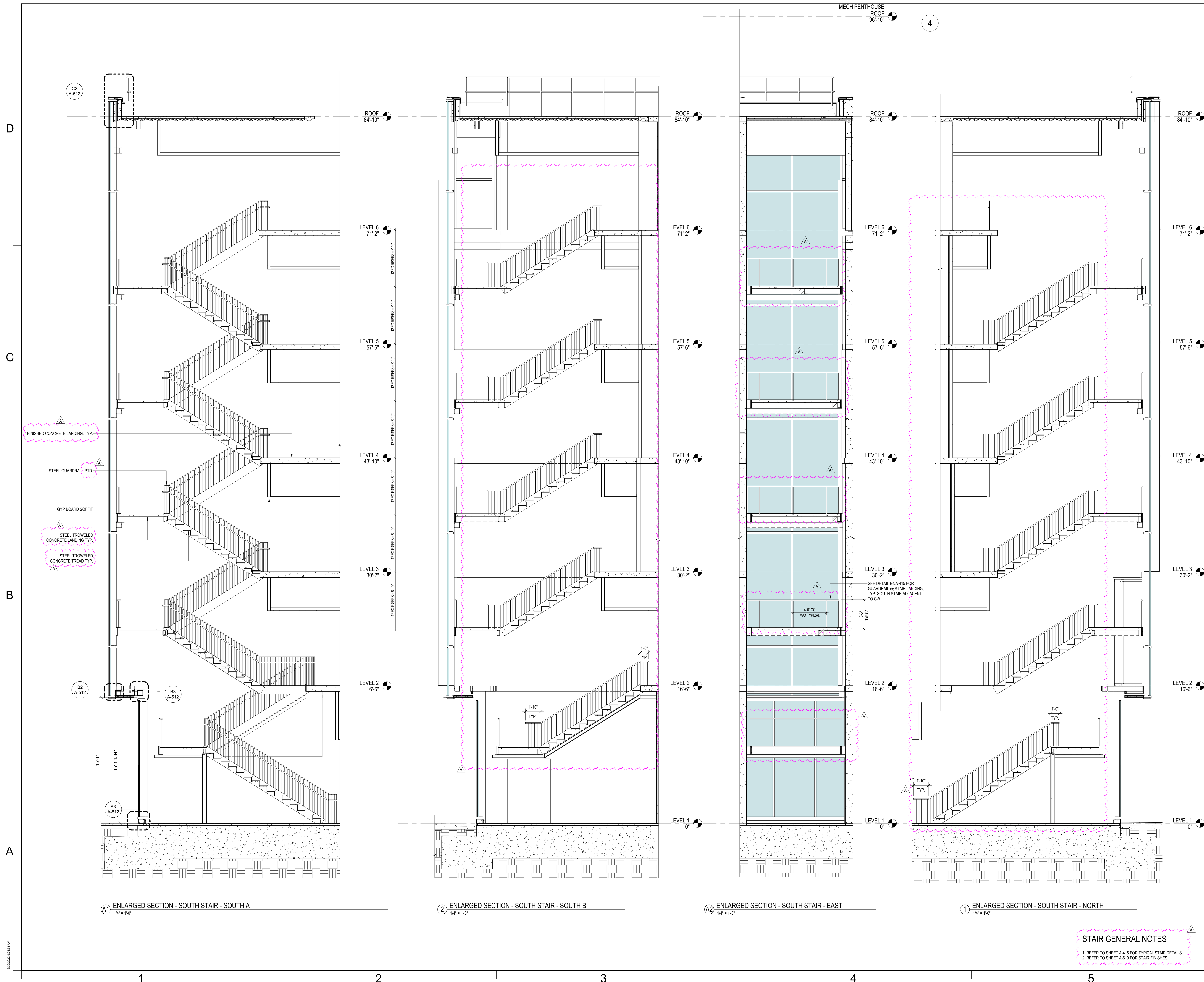
BCC WEST

SHEET TITLE:
SOUTH STAIR SECTIONS

SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **A-414**

06/16/2022 DSA SUBMITTAL



① ENLARGED SECTION - SOUTH STAIR - SOUTH A
1/4" = 1'-0"

② ENLARGED SECTION - SOUTH STAIR - SOUTH B
1/4" = 1'-0"

③ ENLARGED SECTION - SOUTH STAIR - EAST
1/4" = 1'-0"

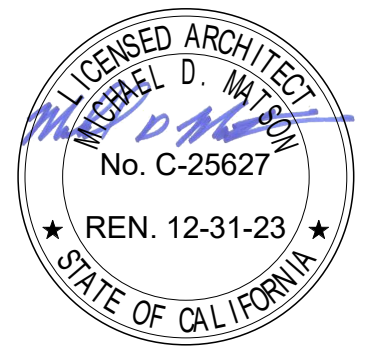
④ ENLARGED SECTION - SOUTH STAIR - NORTH
1/4" = 1'-0"

STAIR GENERAL NOTES

- REFER TO SHEET A-415 FOR TYPICAL STAIR DETAILS.
- REFER TO SHEET A-810 FOR STAIR FINISHES.

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ISSUE SCHEDULE	NO.	DATE
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PERALTA COMMUNITY COLLEGE DISTRICT BERKELEY CITY COLLEGE
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:

ENLARGED PLANS - TYPICAL STAIR DETAILS

SCALE: 1 1/2" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER:

A-415

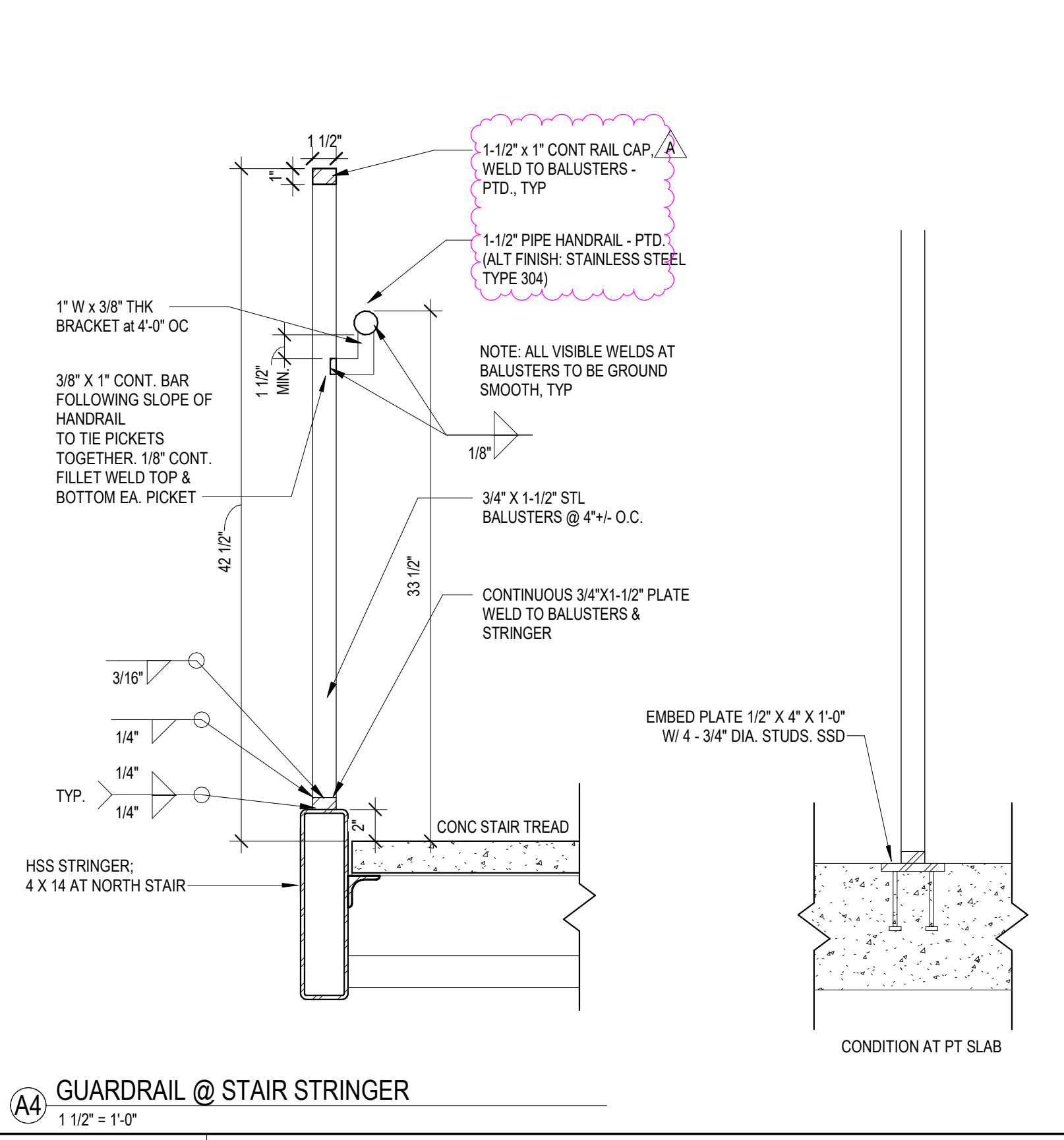
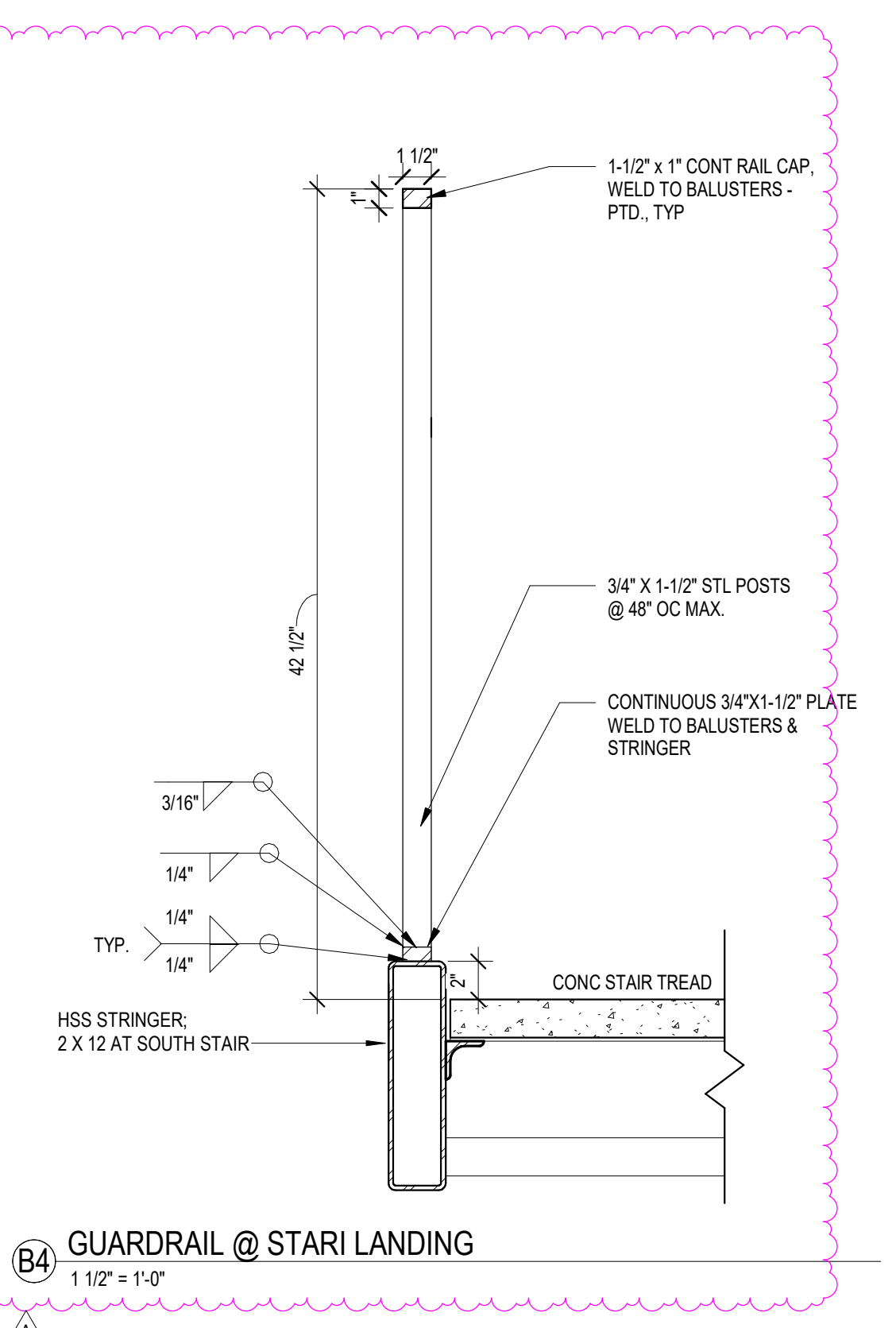
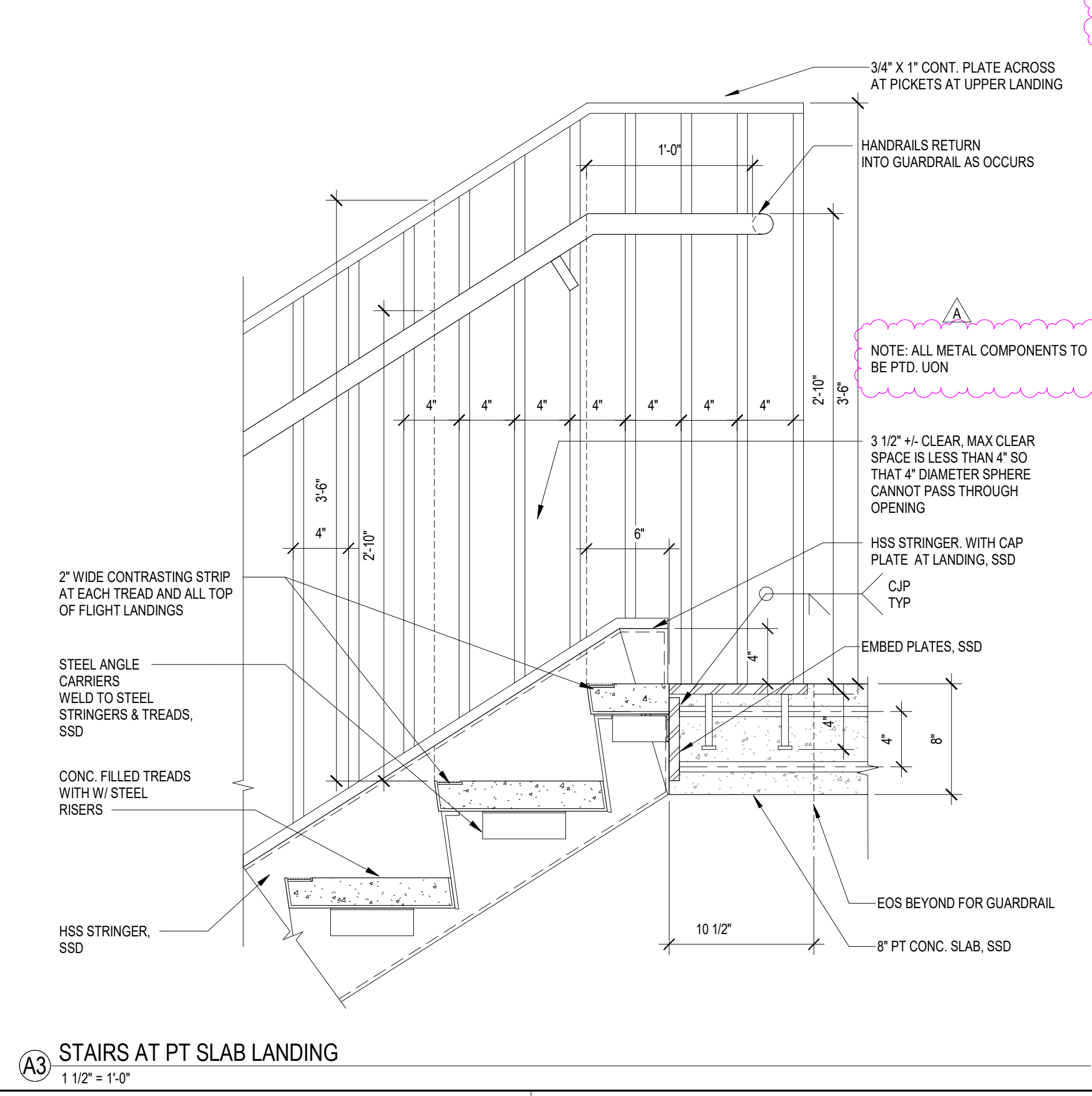
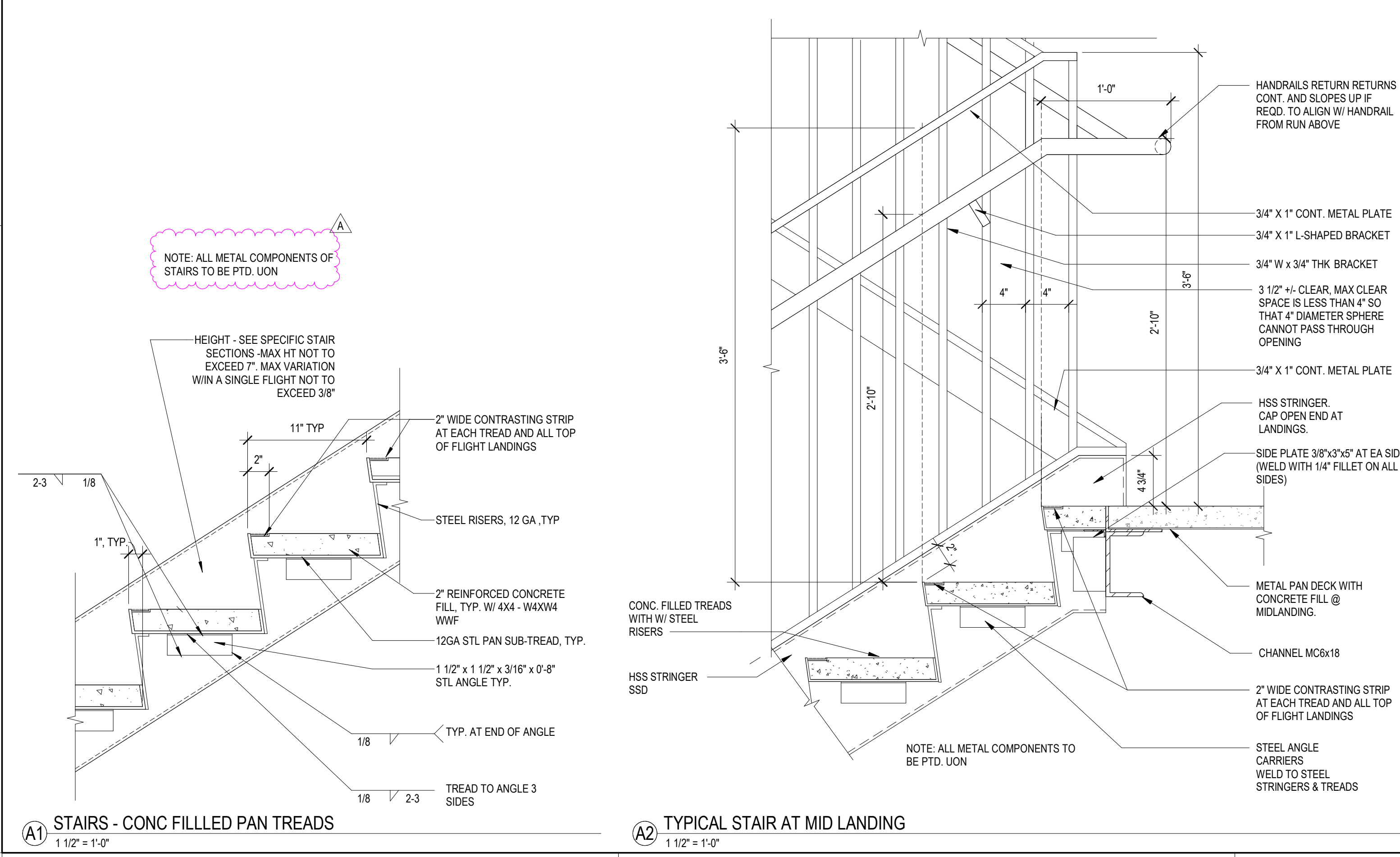
06/16/2022 DSA SUBMITTAL

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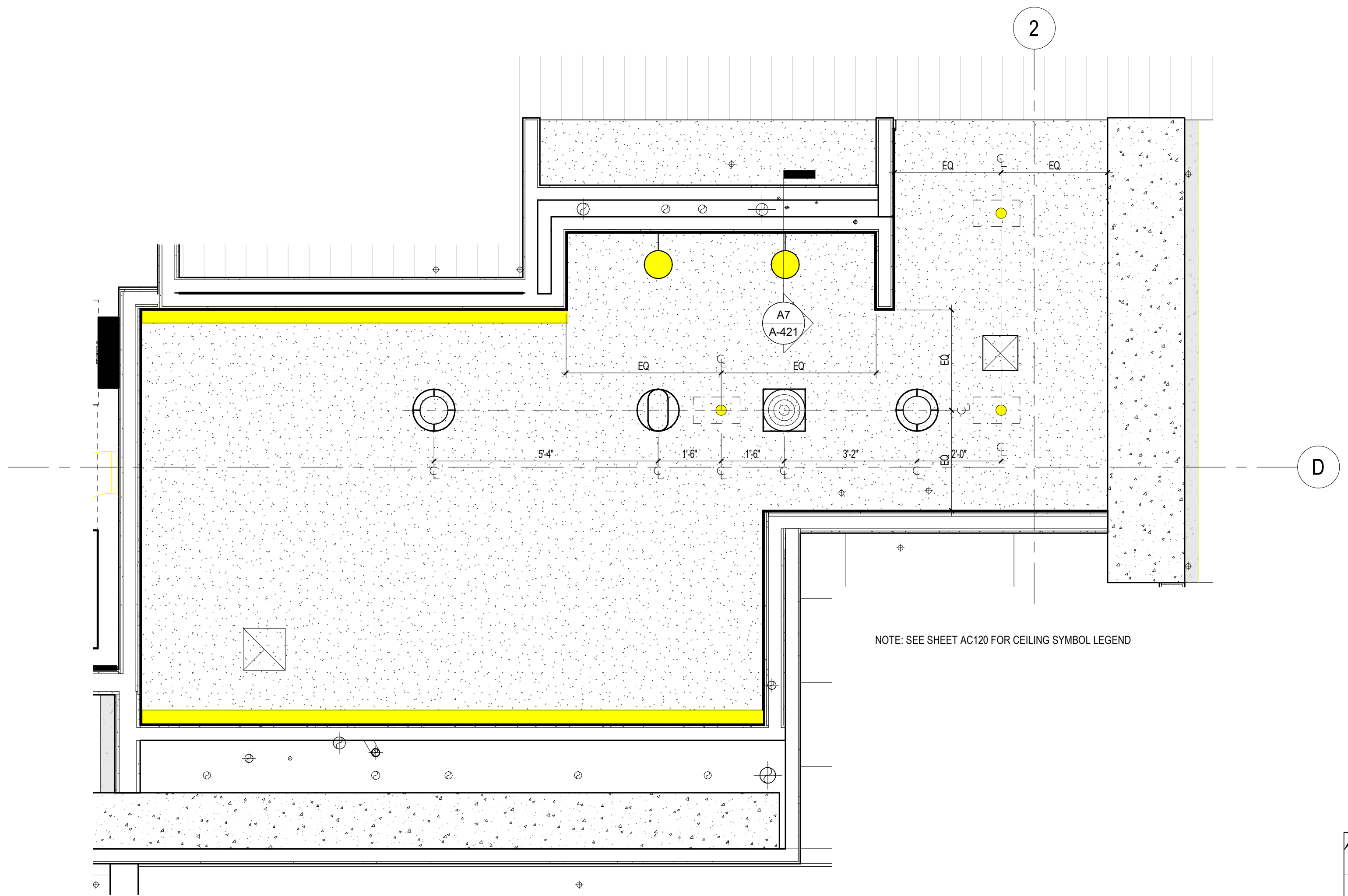
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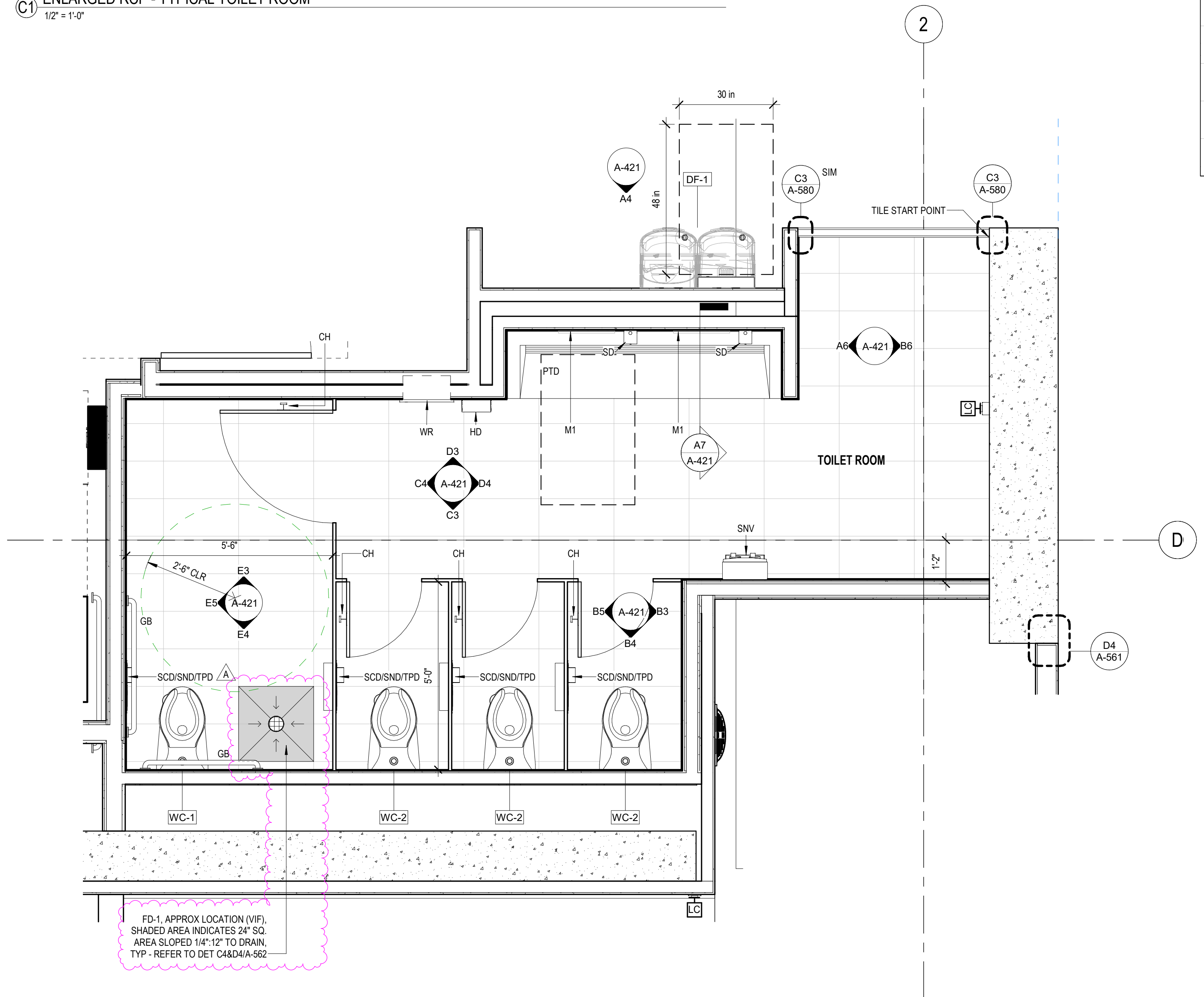
C

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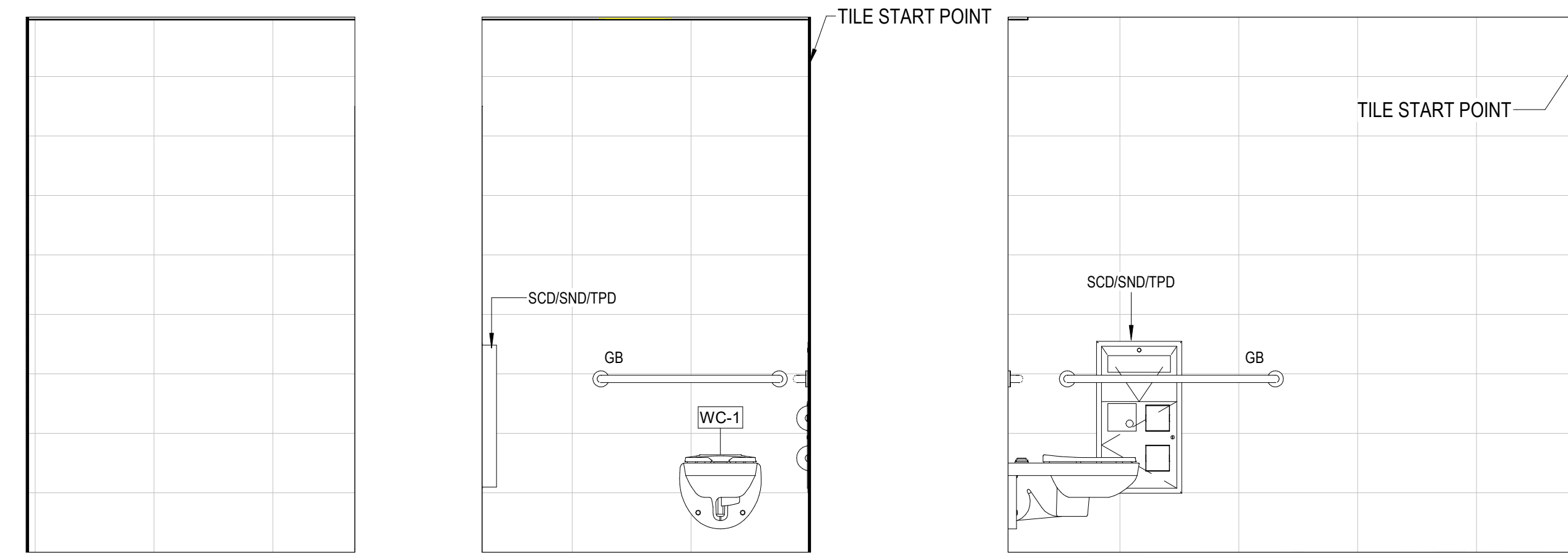


C1 ENLARGED RCP - TYPICAL TOILET ROOM
1/2" = 1'-0"



A1 ENLARGED FLOOR PLAN - TYPICAL TOILET ROOM
1/2" = 1'-0"

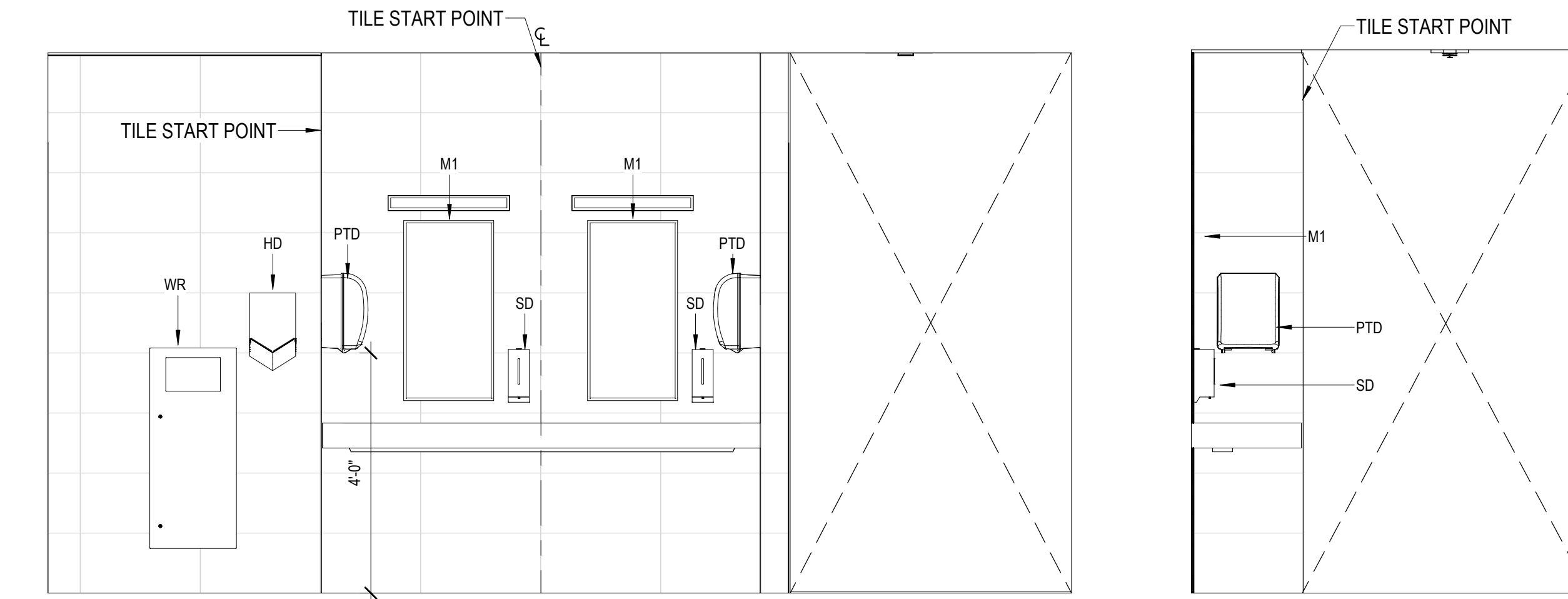
FD-1 APPROX LOCATION V/P, SHAIRED AREA INDICATES 24\"/>



E3 TR-ADA-N
1/2" = 1'-0"

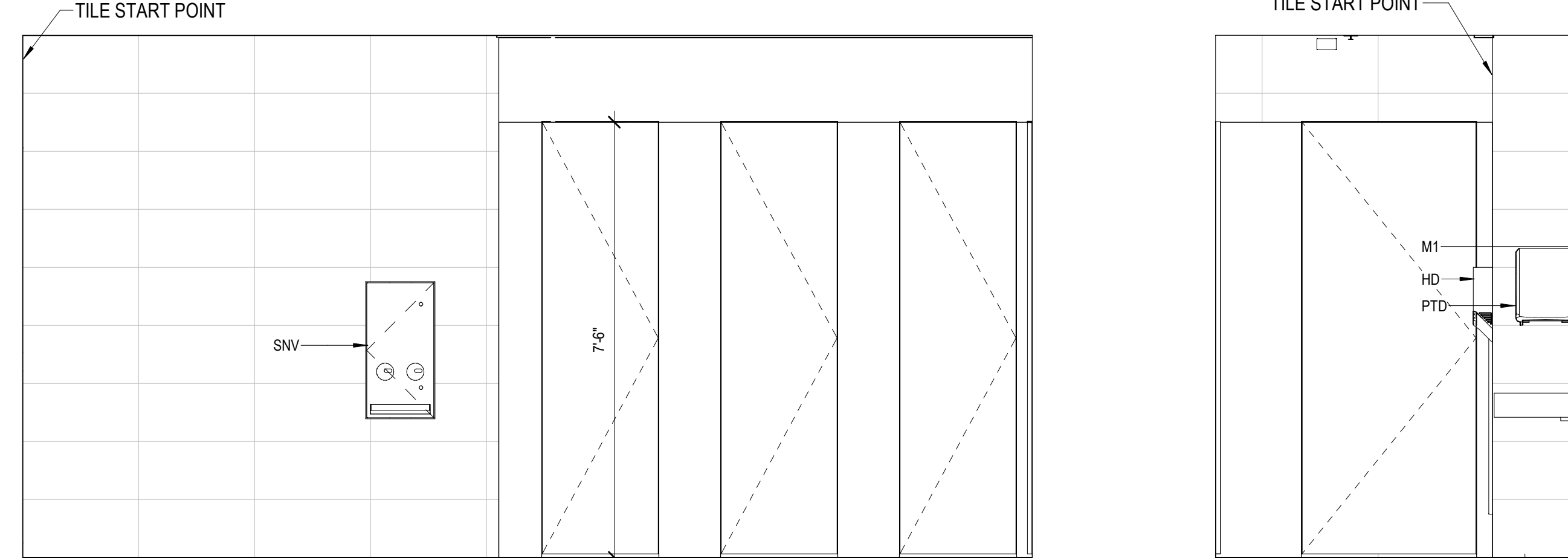
E4 TR-ADA-S
1/2" = 1'-0"

E5 TR-ADA-W
1/2" = 1'-0"



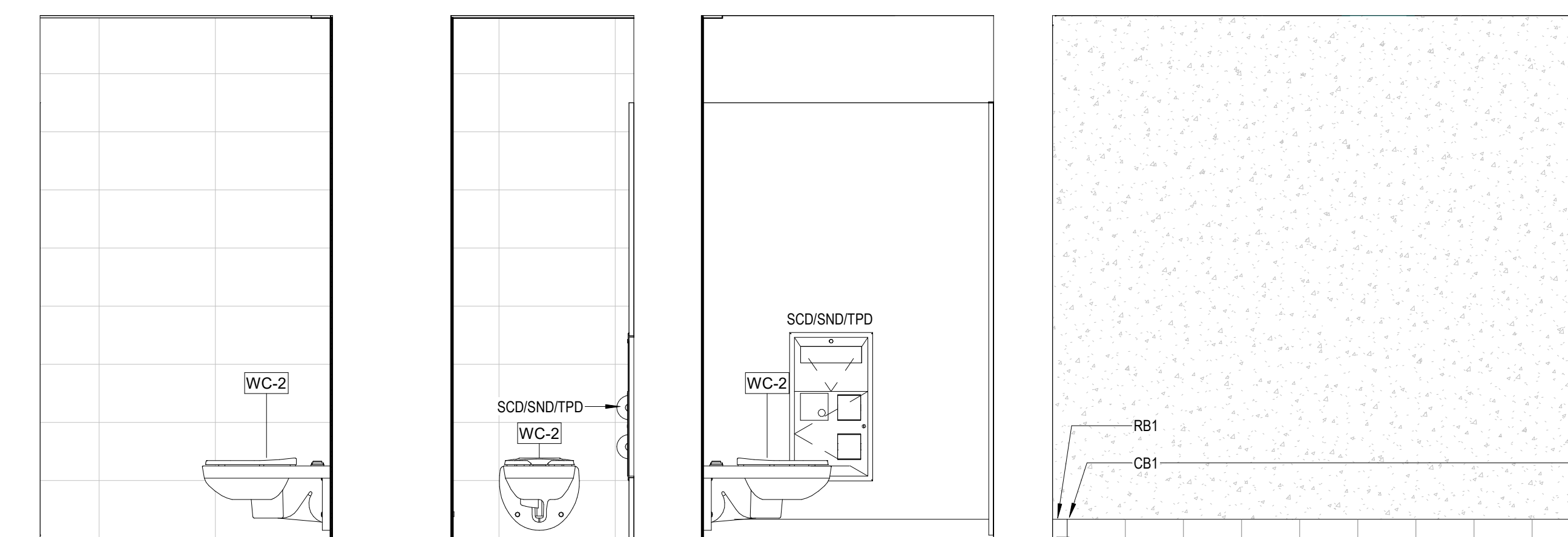
D3 TR-SINK-N
1/2" = 1'-0"

D4 TR-SINK-E
1/2" = 1'-0"



C3 TR-SINK-S
1/2" = 1'-0"

C4 TR-SINK-W
1/2" = 1'-0"

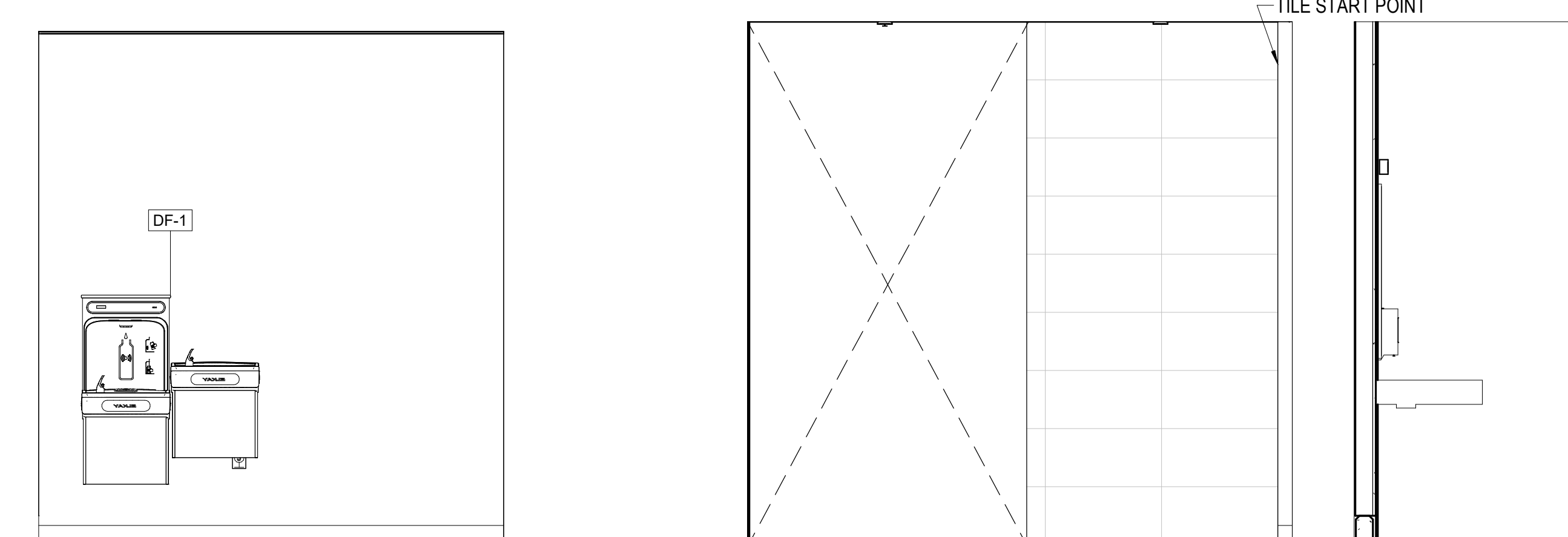


B3 TR-REG-E
1/2" = 1'-0"

B4 TR-REG-S
1/2" = 1'-0"

B5 TR-REG-W
1/2" = 1'-0"

B6 TR-HALL-E
1/2" = 1'-0"



A4 DF-S
1/2" = 1'-0"

A6 TR-HALL-W
1/2" = 1'-0"

A7 SECTION @ LAVATORY
1/2" = 1'-0"

TAGS

OBJECT TAGS

- DOOR: 101X - FLOOR LEVEL, ROOM NUMBER, IDENTIFIER
- WINDOW: XX - IDENTIFIER
- CEILING HEIGHT: 10'-0" - IDENTIFIER
- WALL: [01] A - WALL TYPE, WALL IS ACOUSTIC, LEAD LINING, WALL HEAD CONFIGURATION, WALL STUD SIZE; [6A] LEAD - IDENTIFIER
- EQUIPMENT: F12 - IDENTIFIER, DESCRIPTION OR CLIENT CODE IDENTIFIER
- FURNITURE/FIXTURES/SHELVING/EQUIPMENT: F01 - IDENTIFIER
- CASEWORK: CW XXX XX XX - IDENTIFIER, HEIGHT, DEPTH, WIDTH
- CURTAINWALL (CW) / STOREFRONT (SF): 11 - IDENTIFIER
- CURTAINWALL (CW) / STOREFRONT (SF) PANEL TYPE: GL-XX - IDENTIFIER, SEE SPEC 08 80 00 FOR GLAZING TYPES
- SANITARY ACCESSORIES CALLOUT: XXX - IDENTIFIER, SEE SPEC 10 28 00

ROOM TAGS

ROOM	ROOM NAME	NAME	NUMBER
101			
		NAME	NUMBER
		750 SF	SQ FT
		100	OCCUPANTS PER S.F.
		B, 8	OCCUPANTS CODE GROUP

MATERIAL TAGS

- MATERIAL: PT1 - IDENTIFIER
- MATERIAL EXTENTS ALONG WALL: WS1 - IDENTIFIER

DSA APPROVAL

RATCLIFF

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ISSUE SCHEDULE

NO.	DATE
Bid Addendum 1	A
	06/29/22

SHEET NOTES

- SEE SHEET A-402 FOR TYPICAL MOUNTING HEIGHTS
- SEE SHEET A-401 FOR DOOR SCHEDULE AND LEGENDS
- SEE SHEET A-410 FOR FINISH SCHEDULE

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2118 MILVIA STREET
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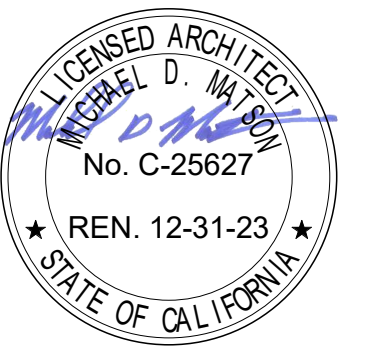
BCC WEST

SHEET TITLE:
ENLARGED PLANS - TOILET ROOMS

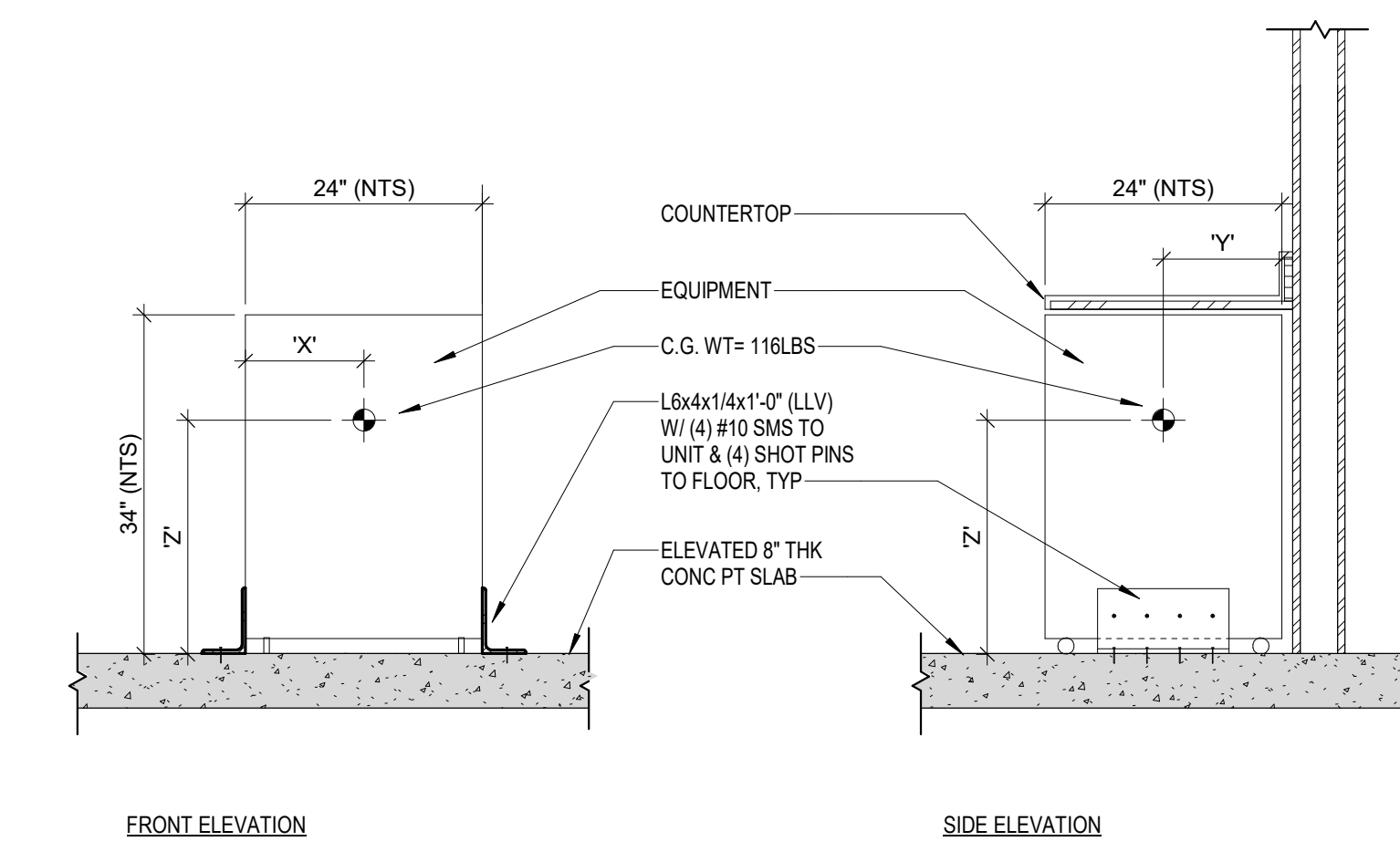
SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **A-421**

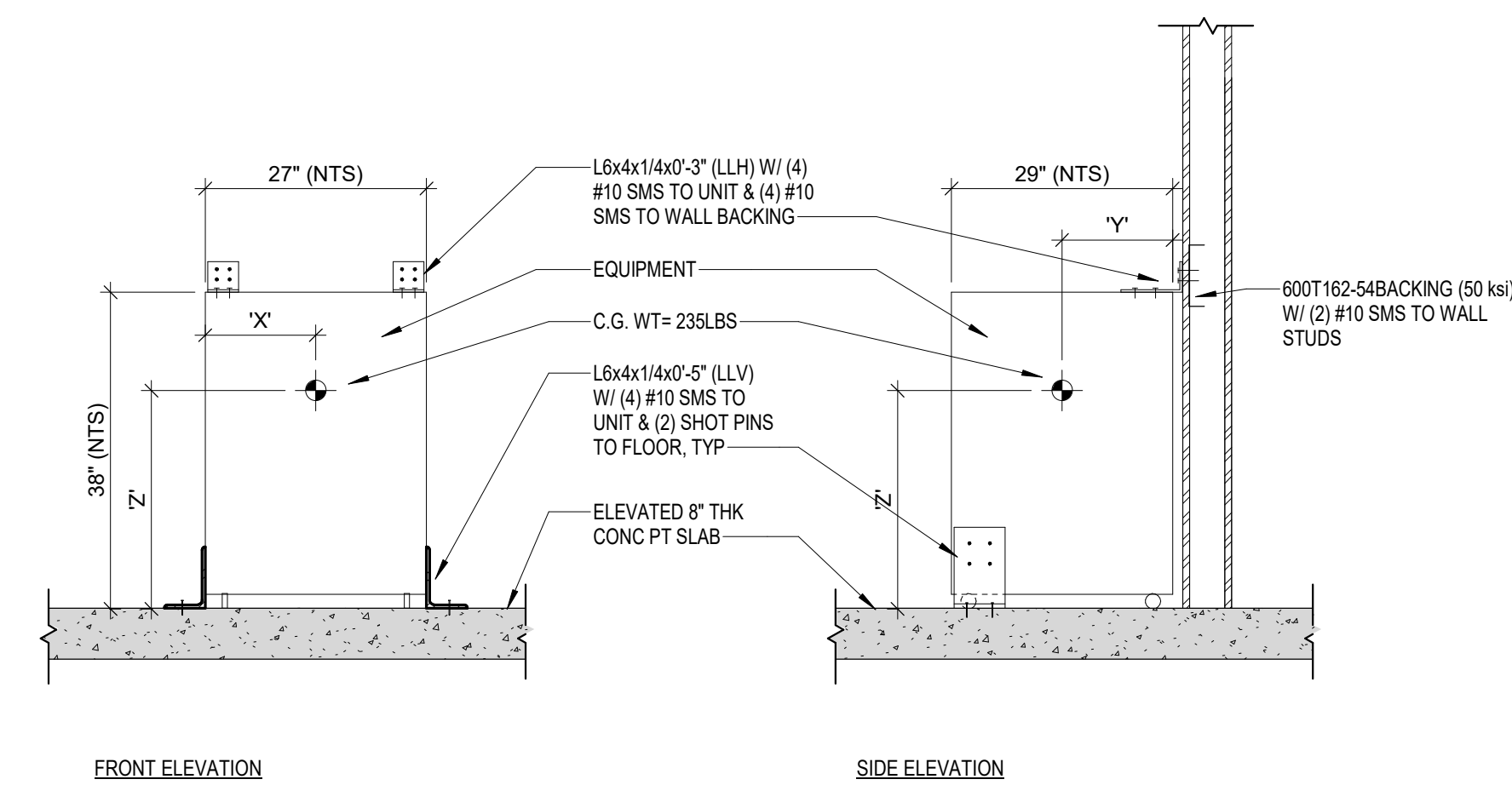
06/16/2022 DSA SUBMITTAL



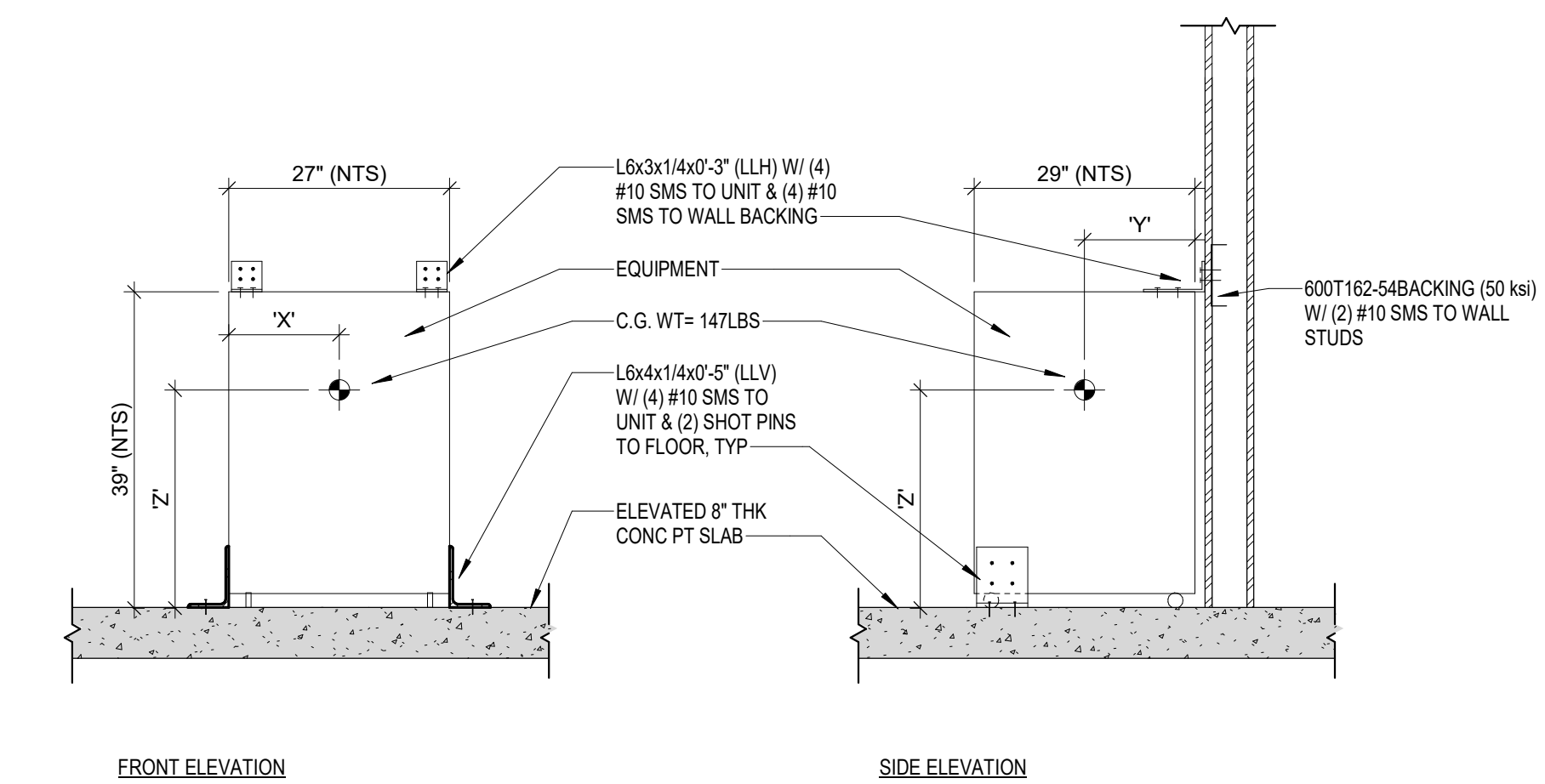
ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22



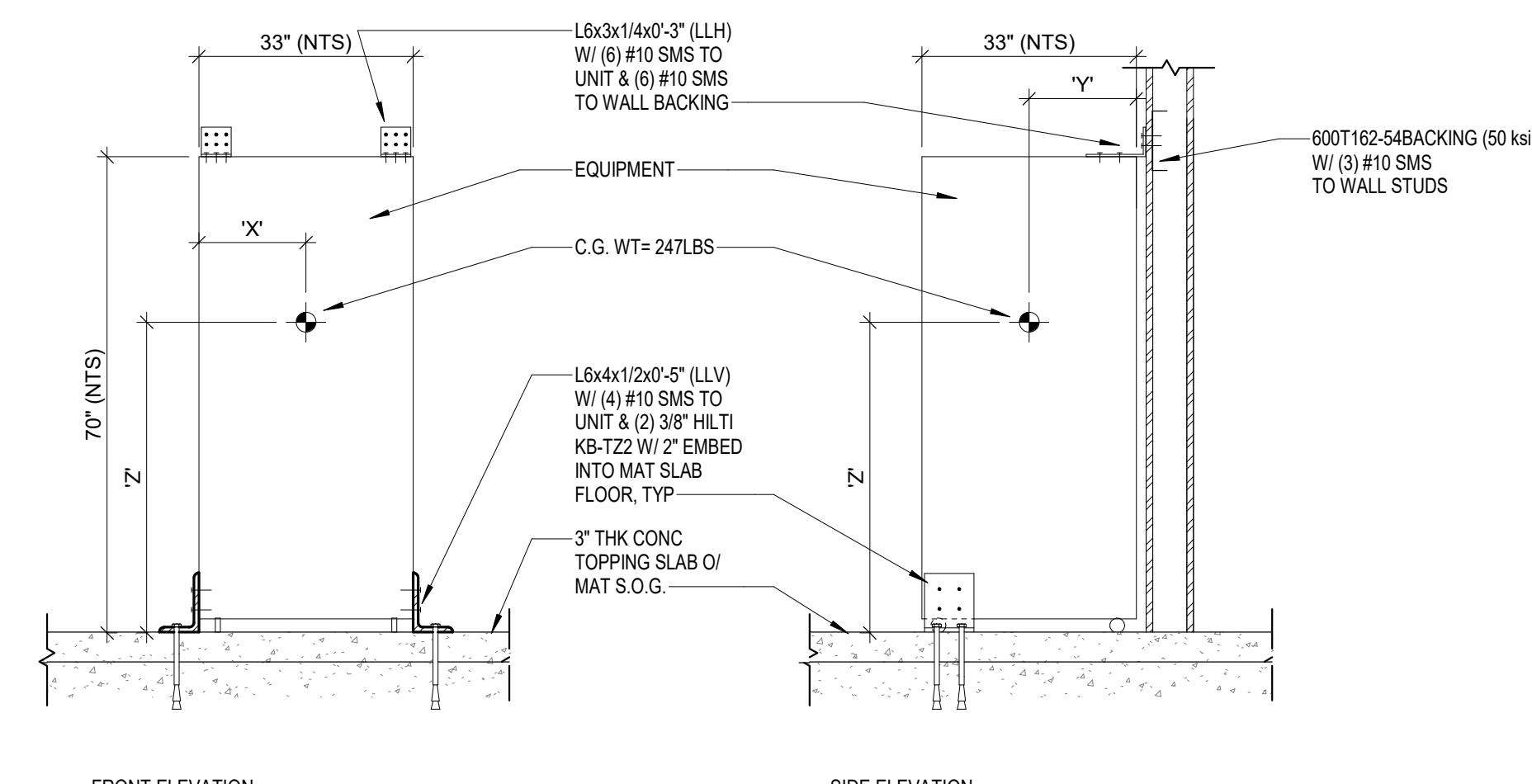
C4 DISHWASHER EQUIP @ PT SLAB ANCHORAGE
3/4" = 1'-0"



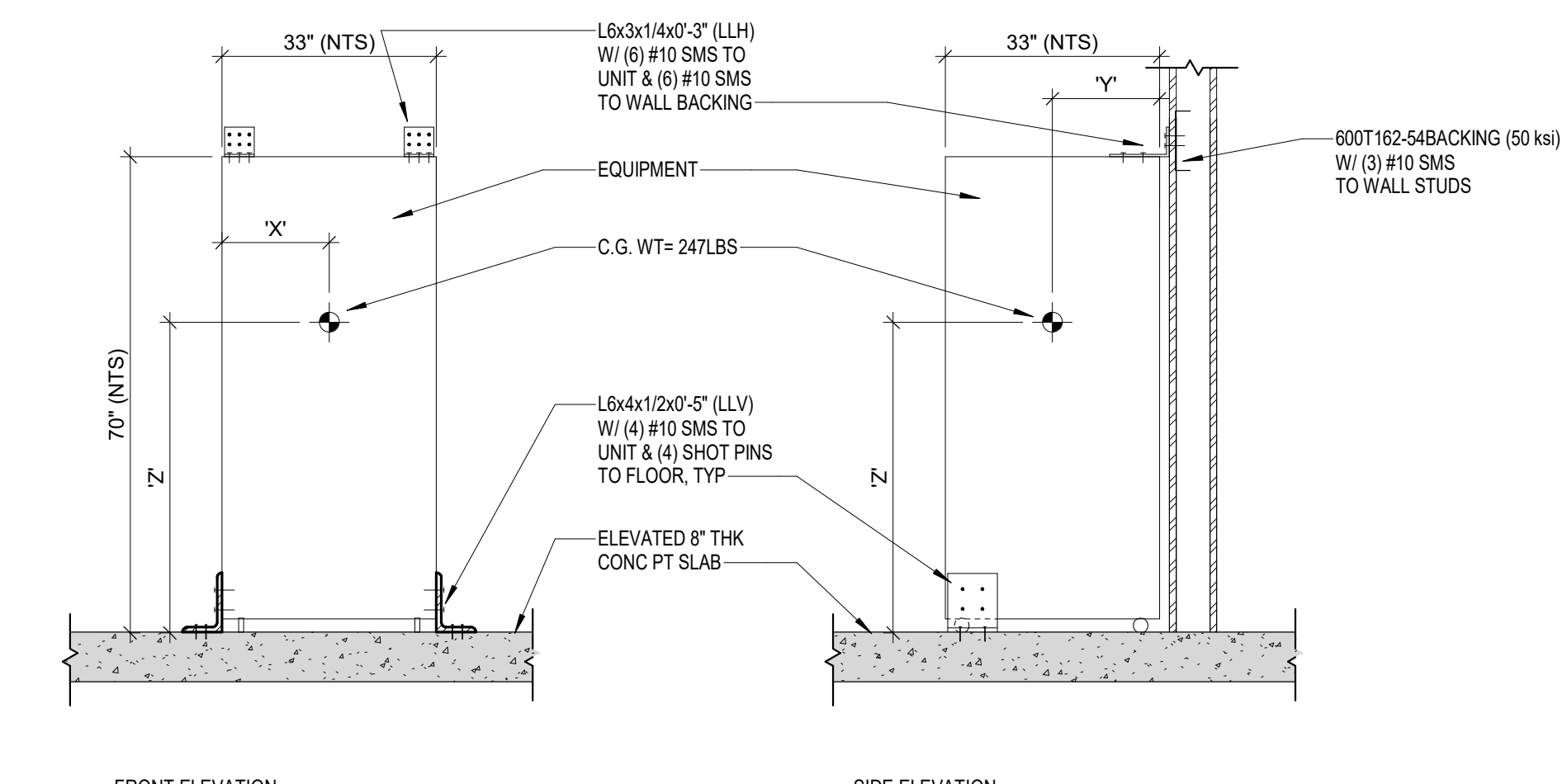
B3 WASHER EQUIP @ PT SLAB ANCHORAGE
3/4" = 1'-0"



B4 DRYER EQUIP @ PT SLAB ANCHORAGE
3/4" = 1'-0"



A3 REFRIGERATOR EQUIP @ TOPPING SLAB OVER MAT SOG ANCHORAGE
3/4" = 1'-0"



A4 REFRIGERATOR EQUIP @ PT SLAB ANCHORAGE
3/4" = 1'-0"

PERALTA COMMUNITY
COLLEGE DISTRICT
BERKELEY CITY
COLLEGE
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:

MISC EQUIPMENT
ANCHOR DETAILS

SCALE: 3/4" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER:

A-451

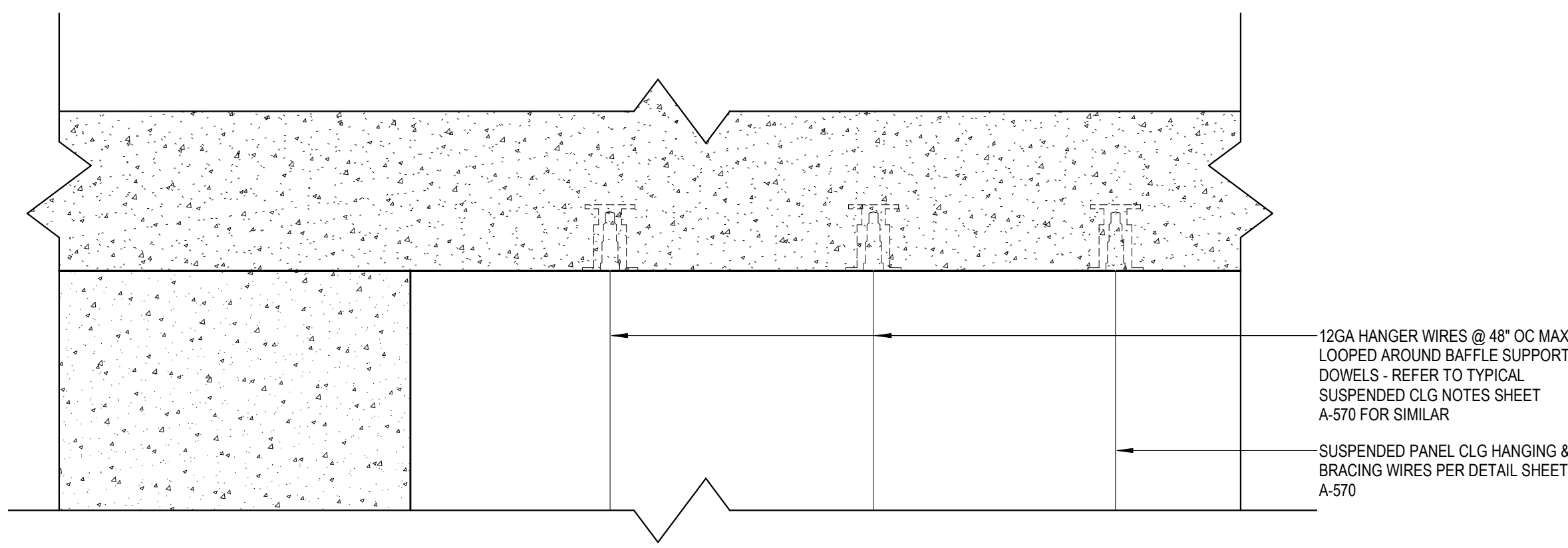
D

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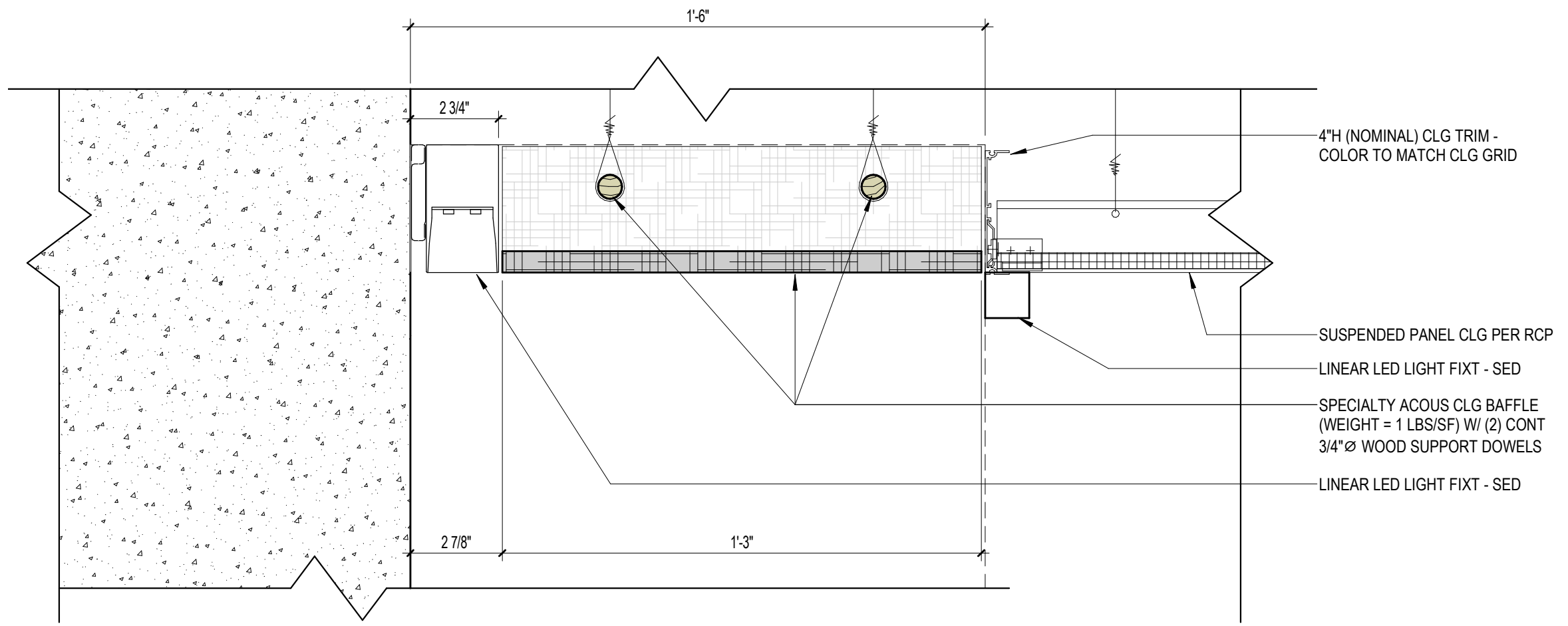
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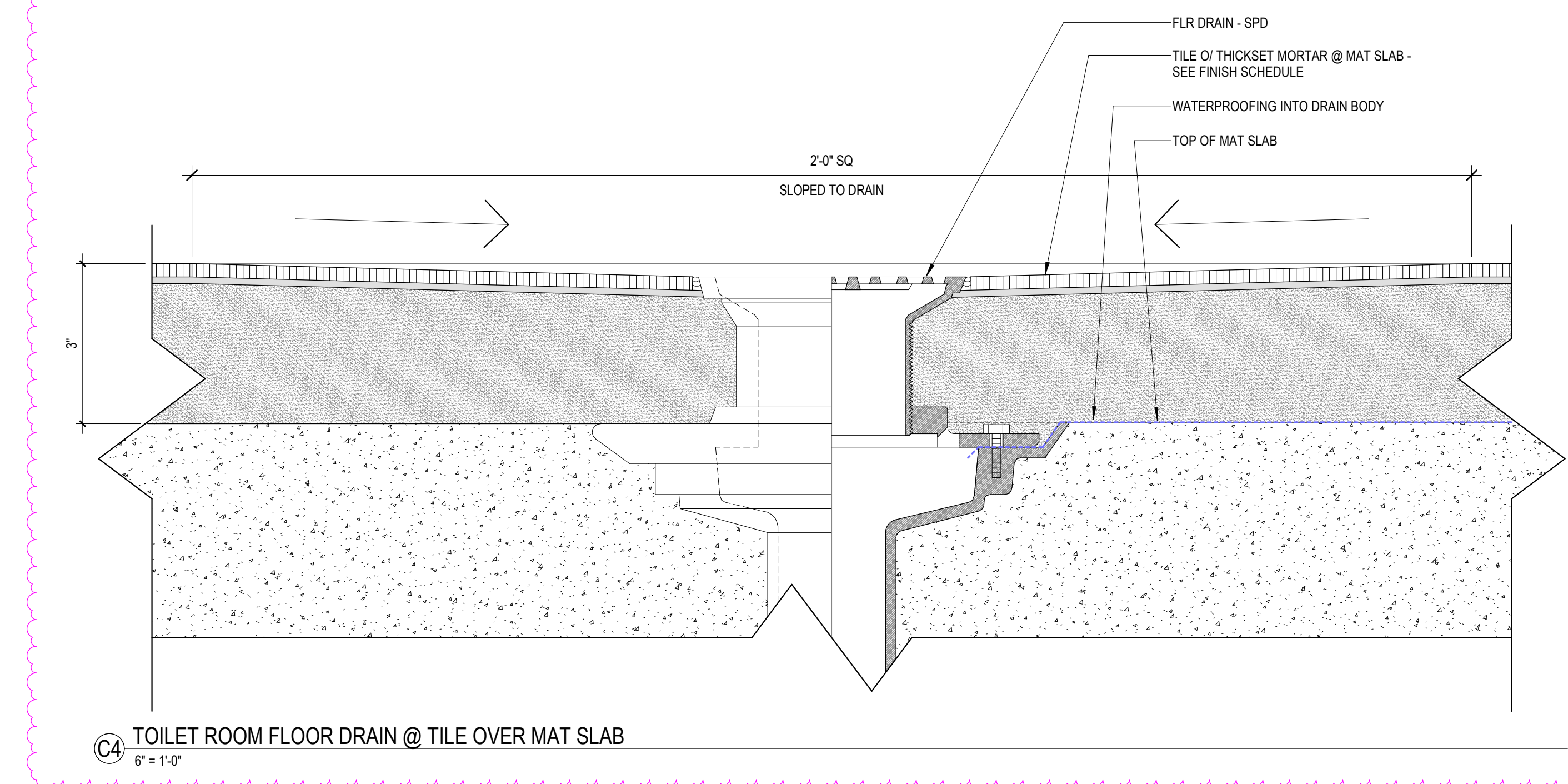
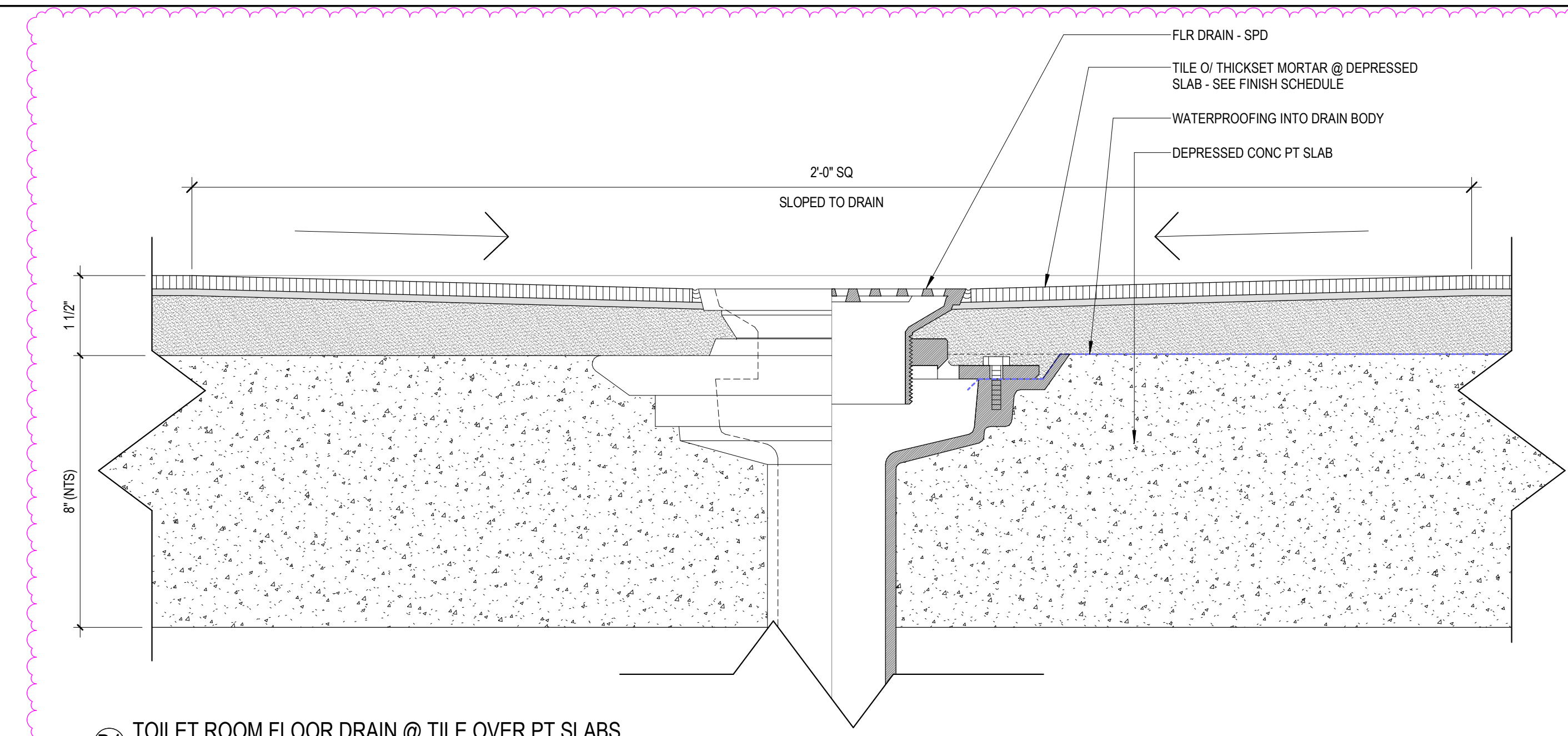


C1



B

A



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ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

**PERALTA COMMUNITY
 COLLEGE DISTRICT
 BERKELEY CITY
 COLLEGE**
 2118 MILVIA STREET
 BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:
**MISC INTERIOR
 DETAILS**

SCALE: As indicated
 PROJECT NUMBER: 21415

SHEET NUMBER: **A-562**

06/16/2022 DSA SUBMITTAL

GENERAL NOTES

- 1. ALL PAINTS, COATINGS AND CEILING MATERIALS MUST MEET THE LEED V4.1 LOW EMITTING MATERIALS REQUIREMENTS.
- 2. ALL FLOORING MUST MEET THE LEED V4.1 LOW EMITTING MATERIALS REQUIREMENT.

DSA APPROVAL

RATCLIFF
 5856 Doyle Street
 Emeryville, CA 94608
 Tel 510 899 6400
 www.ratcliffarch.com



ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

PERALTA COMMUNITY COLLEGE DISTRICT BERKELEY CITY COLLEGE
 2118 MILVIA STREET
 BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:
FINISH SCHEDULE

SCALE:
 PROJECT NUMBER: 21415

SHEET NUMBER: **A-610**

06/16/2022 DSA SUBMITTAL

MATERIALS LIST

CODE	MATERIAL CATEGORY	MFR	PRODUCT	COLOR	FINISH	DIMENSIONS	EDGE PROFILE	INSTALLATION METHOD	BACKING SYSTEM	COMMENTS
BASE										
BB1	BULLNOSE BASE	CROSSVILLE	READY TO WEAR	AV317 FLANNEL SUIT	-	4 X 24 BULLNOSE	-	-	-	-
RB1	RUBBER BASE	JOHNSONITE	TIGHTLOCK TOP SET	29 MOON ROCK	-	4H	-	TIGHTLOCK REQUIRED SEQUENCING WITH FLOORING DURING INSTALLATION CONTRACTOR TO CHECK WITH MFR'S RECOMMENDATIONS FOR INSTALLATION	-	BASE TO BE FLUSH AT CONCRETE WALLS, CAST IN CONCRETE W/ 3/4" X 4" WOOD BLOCKING
RB2	RUBBER	JOHNSONITE	TIGHTLOCK CARPET SET	29 MOON ROCK	-	4-1/2H	-	PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWINGS WITH SUBMITTAL	-	TIGHTLOCK REQUIRED SEQUENCING WITH FLOORING DURING INSTALLATION CONTRACTOR TO CHECK WITH MFR'S RECOMMENDATIONS FOR INSTALLATION
CASEWORK										
PL1	HIGH PRES. LAM	FORMICA	WHEAT STRAND 6212-58	-	MATTE	-	-	-	-	-
PL2	HIGH PRES. LAM	WILSONART	HIGH LINE 7970K-18	-	-	-	-	-	-	-
PL3	HIGH PRESSURE LAMINATE	FORMICA	PEARL 934-58	-	MATTE	-	-	-	-	-
SSF1	SOLID SURFACE MATERIAL	HI-MACS	-	VENUS	-	-	-	-	-	-
SSF2	SOLID SURFACE MATERIAL	HI-MACS	-	MOON HAZE G118	-	-	-	-	-	-
SSF3	SOLID SURFACE MATERIAL	CORIAN	-	BISQUE	-	-	-	-	-	-
CEILING										
ACP1	ACOUSTIC CEILING BAFFLE	KIREI	ZIGGY	551	-	PER RCP	-	CABLE HUNG WITH LOOPS ATTACHED TO THE OVAL EXTRUSION	-	-
ACT1	ACCOUSTICAL CEILING TILE	ARMSTRONG	ULTIMA HIGH NRC SQUARE LAY IN BEVELED TEGULAR	WHITE	-	2' X 4'	-	-	-	-
ACT2	ACCOUSTICAL CEILING TILE	ARMSTRONG	ULTIMA HIGH NRC SQUARE LAY IN BEVELED TEGULAR	WHITE	-	2' X 2'	-	-	-	-
ALW1	LINEAR WOOD GRILLE CEILING	RULON	QUARTER SAWN	WHITE BIRCH	-	PER RCP	-	-	-	-
AMC1	LINEAR METAL CEILING	CEILING PLUS	PLANK	S22 OAKLINE	-	-	-	-	-	-
CC1	CONCRETE CEILING, UNFINISHED	-	-	-	-	-	-	-	-	BACK OF HOUSE AREAS, UNOCCUPIED
CC2	CONCRETE CEILING, PAINTED	-	-	BLACK	MATTE	-	-	-	-	-
GYPC	GYP BOARD CEILING, PAINTED	SHERWIN WILLIAMS	SW 7007 CEILING BRIGHT WHITE	-	EGGSHELL	-	-	-	-	GYPC IN ALL TOILET ROOMS WILL HAVE SEMI-GLOSS FINISH
FLOOR										
CPT1A	ENTRYWAY SYSTEM	MATS, INC.	NUWAY	ALUMINUM METAL WIPER BLADES + CHARCOAL CARPET WIPER BLADES, OPEN	ALUMINUM	7/16" THICKNESS + 5/16" ARDEX FILL FOR FLUSH INSTALLATION	SQUARE	PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	OPEN CONSTRUCTION	-
CPT1B	WALKOFF CARPET TILE	TARKETT	02578 ABRASIVE ACTION II	1910 WINTER GRAY	-	24" X 24"	-	QUARTER-TURN, GLUEDOWN	ETHOS MODULAR WITH OMNICOAT TECHNOLOGY	-
CPT2	CARPET TILE	TARKETT	COLORMAP	42803 DESERT PAVEMENT	-	24" X 24"	-	VERTICAL ASHLAR; PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	ETHOS MODULAR WITH OMNICOAT TECHNOLOGY	-
CPT3	CARPET TILE	TARKETT	DOUBLE BOUCLE A0010	COOL GRAPHITE 74207	-	24" X 24"	-	VERTICAL ASHLAR; PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	ETHOS MODULAR WITH OMNICOAT TECHNOLOGY	-
CPT4	CARPET TILE	TARKETT	04655 ANGULATE	22101 LIGHT MOVEMENT	-	24" X 24"	-	MONOLITHIC; PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	ETHOS MODULAR WITH OMNICOAT TECHNOLOGY	-
CPT5	CARPET TILE	TARKETT	04655 ANGULATE	22105 LUMINAIRE	-	24" X 24"	-	MONOLITHIC; PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	ETHOS MODULAR WITH OMNICOAT TECHNOLOGY	-
CT1	CERAMIC FLOOR TILE	CROSSVILLE	READY TO WEAR	AV317 FLANNEL SUIT	-	12" X 24"	-	MONOLITHIC; PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	-	CORIAN COLOR "CONCRETE" AT TILE/CONCRETE THRESHOLD
FC1	FINISHED CONCRETE	FLOOR SEAL TECHNOLOGY	MIRRORCRETE DYE	-	-	PER FINISH PLANS	-	PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	-	-
FC2	FINISHED CONCRETE	-	-	-	-	-	-	-	-	NOT USED
RES1	LINOLEUM	FORBO	MARMOLEUM STRIATO	SILT STONE 5256	-	108" x 79"	-	PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	-	PVC FREE
SC1	SEALED CONCRETE	-	-	-	-	PER FINISH PLANS	-	PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	-	SEE SPEC. SECTION 09 97 23
STAIR FINISHES										
C4	CONCRETE TREAD AND STAIR LANDING	SHERWIN WILLIAMS	ZERO-VOC	SW7551 GREEK VILLA	STEEL TROWEL SEMI-GLOSS	-	-	-	-	EXPOSED STEEL RAILINGS, HANDRAILS (ALT. HANDRAIL FINISH: STAINLESS STEEL TYPE 304)
PT1	PAINT, GENERAL	SHERWIN WILLIAMS	ZERO-VOC	SW7551 GREEK VILLA	SEMI-GLOSS	-	-	-	-	-
WALL										
C1	RAW CONCRETE WALL	-	-	-	-	-	-	-	-	BACK OF HOUSE SERVICE AREAS
C2	RAW CONCRETE WALL, PAINTED	-	-	-	-	-	-	-	-	SERVICE AREA OFFICES
C3	ARCHITECTURAL EXPOSED CONCRETE WALL	-	-	-	-	SACK AND PATCH	-	-	-	SACK AND PATCH ALL PUBLIC SPACES
CT2	CERAMIC WALL TILE	CROSSVILLE	READY TO WEAR	AV311 BUTTONED UP	-	12" X 24"	-	MONOLITHIC; PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	-	-
DEW	DRY ERASE WALL COVERING	KOROSEAL	WALL-TALKERS MAGRITE M2PR-00	WHITE	LOW GLOSS DRY ERASE FILM	ROLLED 48"W x 0.61 mm	-	ADHERED, FINISH ALL EXPOSED EDGES WITH 1/2" ALUM. FLAT TRIM, WHITE	-	-
DEWP	DRY ERASE WALL COVERING, PROJECTABLE	KOROSEAL	WALL-TALKERS MAGRITE M2PR-00	WHITE	LOW GLOSS DRY ERASE FILM	ROLLED 48"W x 0.61 mm	-	ADHERED, FINISH ALL EXPOSED EDGES WITH 1/2" ALUM. FLAT TRIM, WHITE	-	-
PT1	PAINT, GENERAL	SHERWIN WILLIAMS	ZERO-VOC	SW7551 GREEK VILLA	SEMI-GLOSS	-	-	-	-	-
PT2	PAINT, ACCENT	SHERWIN WILLIAMS	ZERO-VOC	SW7037 BALANCED BEIGE	SEMI-GLOSS	-	-	-	-	-
PT3	PAINT, ACCENT	SHERWIN WILLIAMS	ZERO-VOC	SW8152 LET IT RAIN	SEMI-GLOSS	-	-	-	-	-
PT4	PAINT, ACCENT	SHERWIN WILLIAMS	ZERO-VOC	SW9141 WATERLOO	SEMI-GLOSS	-	-	-	-	-
PT5	PAINT, ACCENT	SHERWIN WILLIAMS	ZERO-VOC	SW6369 TASSEL	SEMI-GLOSS	-	-	-	-	-
PT6	PAINT, ACCENT	SHERWIN WILLIAMS	ZERO-VOC	SW7862 BEE'S WAX	SEMI-GLOSS	-	-	-	-	-
WP1	WALL PROTECTION, SHEET	CONSTRUCTION SPECIALTIES	INPRO RIGID SHEET	858 PLUMICE	SUEDE	060" THICKNESS	-	MANUFACTURER'S STANDARD WATER-BASED, 50 g/L VOC MAXIMUM	-	3' ON EITHER SIDE OF MOP SINK AND 48" HIGH IN ALL JANITOR'S CLOSETS
WALL PANEL										
TACK	TACKABLE SURFACE	WOLF GORDON	COLORLED BULLETTIN BOARD CORK	GOH32255760	-	PER ELEVATIONS	-	-	-	-
WPL1	ACOUSTICAL	RULON	QUARTER SAWN	WHITE BIRCH	-	PER ELEVATION	-	-	-	-
WPL2	TACKABLE FELT	SUTHERLAND FELT COMPANY	ARCHITECTURAL FELT	DB-03 MARBLE	-	PER ELEVATION	-	PER MFR. RECOMMENDATIONS, PROVIDE SHOP DRAWING WITH SUBMITTAL	-	-
WPL3	ACOUSTICAL	KIREI	ECHOPANEL PRINT TRIO	100	-	12mm THICK	-	-	-	-
WPL4	ACOUSTICAL	TRESPA	METEON	OCHRE A06.3.5/ST	SATIN	3650 x 1860 (FF)	-	-	-	-
WALL PROTECTION										
CG1	CORNER GUARD	CONSTRUCTION SPECIALTIES	304 STAINLESS STEEL WITH #4 SATIN FINISH	-	-	FULL HEIGHT; 2' x 2'	-	-	-	UP TO 7' H ON FIRST FLOOR
WINDOW SHADE										
WS1	SINGLE ROLL SYSTEM - MANUAL	MECHO SHADE	ECOVEIL 1350 SERIES	-	-	5% OPENNESS FACTOR	-	-	-	-
WS2	DUAL ROLL SYSTEM WITH BLACKOUT & VERTICAL SEAL - MANUAL	MECHO SHADE	ECOVEIL 1350 SERIES + EQUINOX 0100 SERIES	-	-	5% OF + EQUINOX BLACKOUT 0%	-	-	-	BLACKOUT SHADES AT ART AND ANTHROPOLOGY CLASSROOMS

D

C

B

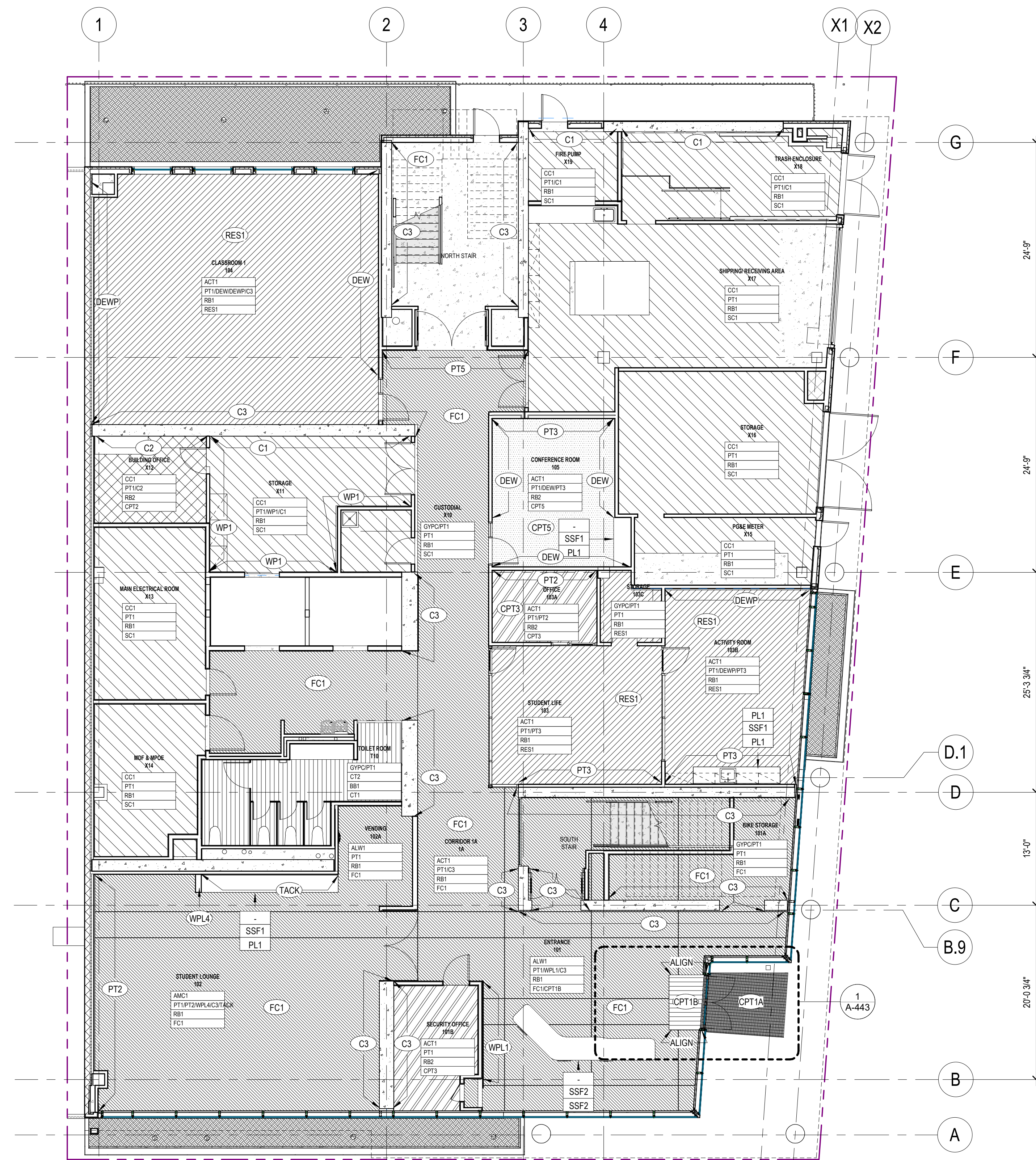
A

D

C

B

A



A1 LEVEL 1 - FLOOR PLAN
1/8" = 1'-0"

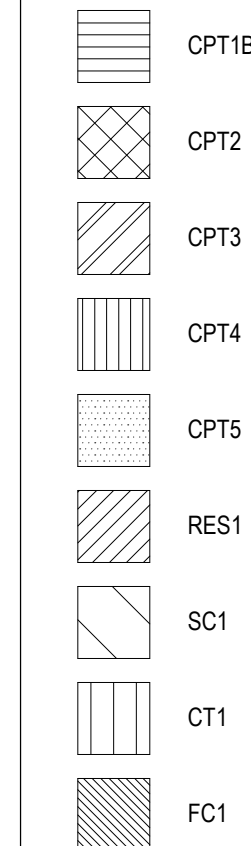


A2 LEVEL 2 - FLOOR PLAN
1/8" = 1'-0"

GENERAL FINISH NOTES

- WALL FINISHES**
1. FINISH ALL WALL FINISHES AT INSIDE CORNER.
 2. ALL MECHANICAL ACCESSORIES THAT ARE PRIMED ONLY AND ACCESS DOORS ARE TO BE PAINTED TO MATCH SURROUNDING WALL. NOTIFY ARCHITECT FOR FINISHED ITEMS NOT MATCHING SURROUNDING WALL.
 3. ALL EXPOSED GYPSUM BOARD SURFACES TO BE PAINTED PT1 U.O.N.
 4. TYPICAL WALL PAINT FINISH IS PT1 SHERWIN WILLIAMS SW7551 GREEK VILL.
 5. CONCRETE WALL & COLUMN FINISH WILL BE C1 U.O.N.
- FLOOR FINISHES**
1. WHERE DIFFERING FLOOR FINISH MATERIALS MEET AT DOORS, THE SEAM SHALL OCCUR DIRECTLY BELOW THE CENTERLINE OF THE CLOSED DOOR U.O.N.
 2. GRAB DIRECTION OF FLOORING MATERIAL TO BE CONSISTENT IN DIRECTION THROUGHOUT ENTIRE PROJECT. DO NOT QUARTER-TURN FLOORING MATERIAL UNLESS THE INSTALLATION METHOD HAS BEEN RECOMMENDED BY THE MANUFACTURER, I.E., CARPET TILE AND / OR WALK-OFF MAT.
 3. SUBMIT FLOOR SEAMING DIAGRAM FOR APPROVAL PRIOR TO PURCHASE OF MATERIAL.
 4. PROVIDE TRANSITION / REDUCER STIP AT ALL FLOOR MATERIAL CHANGES. IDENTIFY TRANSITION / REDUCER STRIPS IN SHOP DRAWINGS.
 5. WHERE DIFFERING FLOOR MATERIAL MEET, FEATHER SUBFLOOR TO ACCOMMODATE DIFFERENCES IN GUGAGES OR SUB-FLOOR LEVEL.
 6. DO NOT SCALE THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR THE SITE REVIEW AND VERIFICATION OF ALL QUANTITIES OF MATERIAL REQUIRED TO COMPLETE THE INSTALLATION.
 7. EXTEND RESILIENT FLOORING TO WALL UNDER COUNTER AND FACE OF CASEWORK TOE SPACE, TYP.
 8. ALL MATERIAL OF ONE PATTERN / COLOR SHALL BE THE SAME DYE LOT.
 9. RESILIENT BASE REQUIRES SEQUENCING WITH FLOORING CONTRACTOR TO CHECK WITH MNFR'S RECOMMENDATIONS FOR INSTALLATION.
 10. ALL CONCRETE WALLS ARE EXPOSED / UNPAINTED UNLESS OTHERWISE NOTED.
 11. PROVIDE FRP WAINSCOT AT ALL CUSTODIAL CLOSETS BEHIND MOP SINKS. 3'-0" LONG EACH SIDE X 4'-0" HIGH.
 12. PROVIDE 4'-0" HIGH FRP WAINSCOT BEHIND WASHER, DRYER AT BUILDING STORAGE ROOM X47 AND EXTEND 3'-0" ON EACH SIDE.
 13. 1/8" SAW CUT WITH EPOXY FILL AT FC1 AND FC2. COLOR TO BE DETERMINED.

FINISH LEGEND

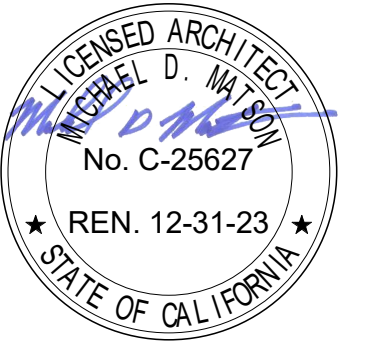


Name	PT
Ceiling Finish	PT1
Wall Finish	PT1
Base Finish	PT1
Floor Finish	PT1

DSA APPROVAL

RATCLIFF

5856 Doyle Street
Emeryville, CA 94608
Tel 510 899 6400
www.ratcliffarch.com



ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

PERALTA COMMUNITY COLLEGE DISTRICT BERKELEY CITY COLLEGE
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:
FINISH PLANS - LEVELS 1 & 2

SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **A-611**

06/16/2022 DSA SUBMITTAL

D

C

B

A



A1 LEVEL 3 - FLOOR PLAN
1/8" = 1'-0"



A2 LEVEL 4 - FLOOR PLAN
1/8" = 1'-0"

GENERAL FINISH NOTES

- WALL FINISHES**
1. FINISH ALL WALL FINISHES AT INSIDE CORNER.
 2. ALL MECHANICAL ACCESSORIES THAT ARE PRIMED ONLY AND ACCESS DOORS ARE TO BE PAINTED TO MATCH SURROUNDING WALL. NOTIFY ARCHITECT FOR FINISHED ITEMS NOT MATCHING SURROUNDING WALL.
 3. ALL EXPOSED GYPSUM BOARD SURFACES TO BE PAINTED PT1 U.O.N.
 4. TYPICAL WALL PAINT FINISH IS PT1 SHERWIN WILLIAMS SW7551 GREEK VILLA.
 5. CONCRETE WALL & COLUMN FINISH WILL BE C1 U.O.N.
- FLOOR FINISHES**
1. WHERE DIFFERING FLOOR FINISH MATERIALS MEET AT DOORS, THE SEAM SHALL OCCUR DIRECTLY BELOW THE CENTERLINE OF THE CLOSED DOOR U.O.N.
 2. GRAB DIRECTION OF FLOORING MATERIAL TO BE CONSISTENT IN DIRECTION THROUGHOUT ENTIRE PROJECT. DO NOT QUARTER-TURN FLOORING MATERIAL UNLESS THE INSTALLATION METHOD HAS BEEN RECOMMENDED BY THE MANUFACTURER, I.E., CARPET TILE AND / OR WALK-OFF MAT.
 3. SUBMIT FLOOR SEAMING DIAGRAM FOR APPROVAL PRIOR TO PURCHASE OF MATERIAL.
 4. PROVIDE TRANSITION / REDUCER STRIP AT ALL FLOOR MATERIAL CHANGES. IDENTIFY TRANSITION / REDUCER STRIPS IN SHOP DRAWINGS.
 5. WHERE DIFFERING FLOOR MATERIAL MEET, FEATHER SUBFLOOR TO ACCOMMODATE DIFFERENCES IN GAUGES OR SUB-FLOOR LEVEL.
 6. DO NOT SCALE THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR THE SITE REVIEW AND VERIFICATION OF ALL QUANTITIES OF MATERIAL REQUIRED TO COMPLETE THE INSTALLATION.
 7. EXTEND RESILIENT FLOORING TO WALL UNDER COUNTER AND FACE OF CASEWORK TOE SPACE, TYP.
 8. ALL MATERIAL OF ONE PATTERN / COLOR SHALL BE THE SAME DYE LOT.
 9. RESILIENT BASE REQUIRES SEQUENCING WITH FLOORING CONTRACTOR TO CHECK WITH MFR'S RECOMMENDATIONS FOR INSTALLATION.
 10. ALL CONCRETE WALLS ARE EXPOSED / UNPAINTED UNLESS OTHERWISE NOTED.
 11. PROVIDE FRP WAINSCOT AT ALL CUSTODIAL CLOSETS BEHIND MOP SINKS. 3'-0" LONG EACH SIDE X 4'-0" HIGH.
 12. PROVIDE 4'-0" HIGH FRP WAINSCOT BEHIND WASHER, DRYER AT BUILDING STORAGE ROOM X47 AND EXTEND 3'-0" ON EACH SIDE.
 13. 1/8" SAW CUT WITH EPOXY FILL AT FC1 AND FC2. COLOR TO BE DETERMINED.

FINISH LEGEND

[Pattern]	CPT1B
[Pattern]	CPT2
[Pattern]	CPT3
[Pattern]	CPT4
[Pattern]	CPT5
[Pattern]	RES1
[Pattern]	SC1
[Pattern]	CT1
[Pattern]	FC1

Name
 CPT1B
 CPT2
 CPT3
 CPT4
 CPT5
 RES1
 SC1
 CT1
 FC1

DSA APPROVAL

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 Emeryville, CA 94608
 Tel 510 899 6400
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ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

**PERALTA COMMUNITY COLLEGE DISTRICT
 BERKELEY CITY COLLEGE**
 2118 MILVIA STREET
 BERKELEY, CA. 94704

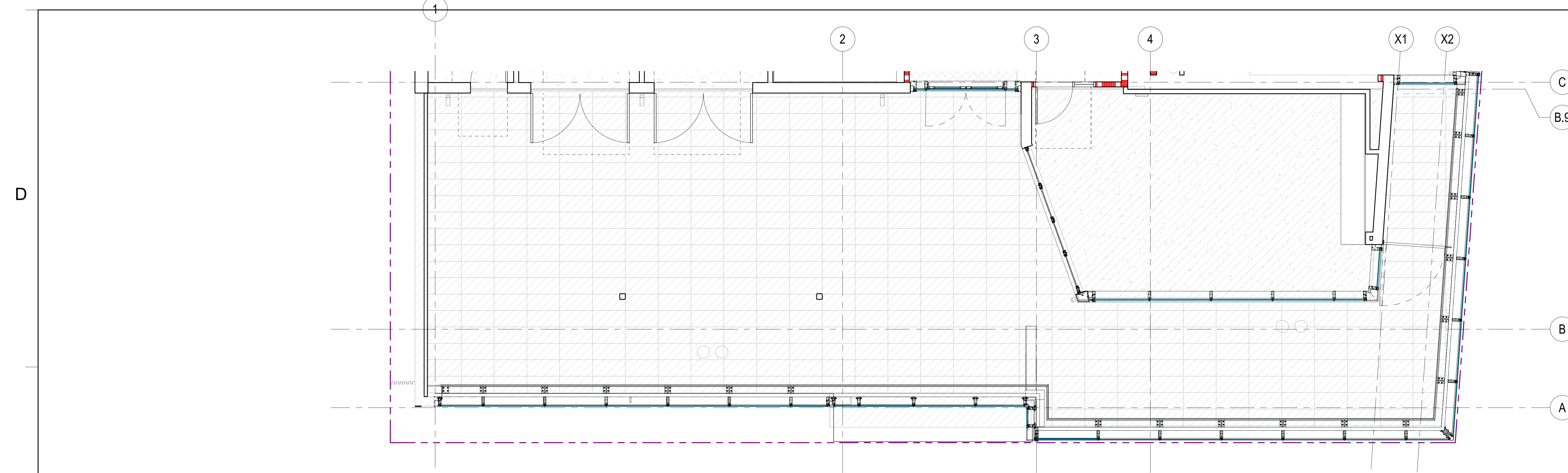
BCC WEST

SHEET TITLE:
FINISH PLANS - LEVELS 3 & 4

SCALE: As indicated
 PROJECT NUMBER: 21415

SHEET NUMBER: **A-612**

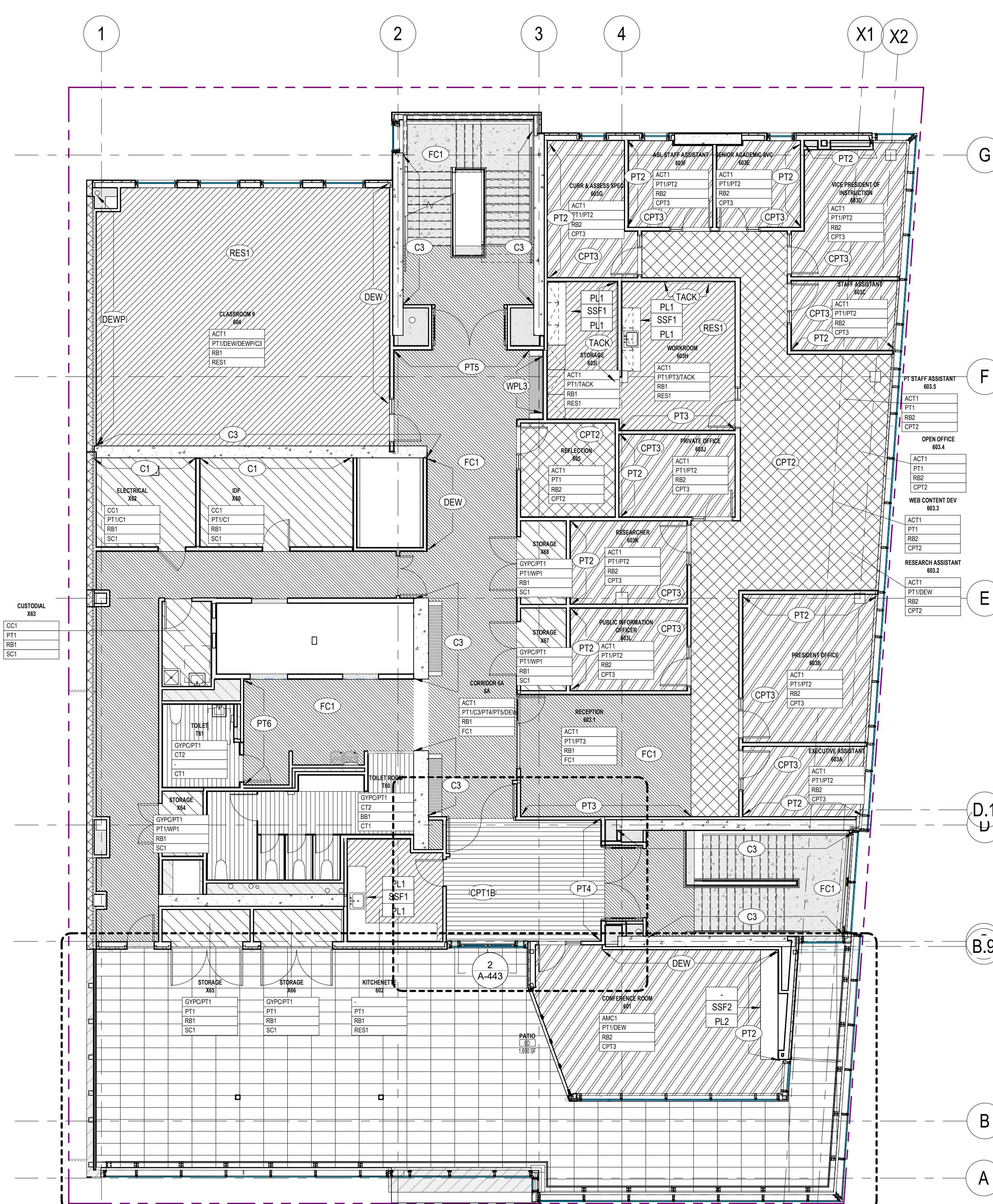
06/16/2022 DSA SUBMITTAL



C2 ENLARGED FINISH PLAN - PEDESTAL PAVER PATTERN
1/4" = 1'-0"



A1 LEVEL 5 - FLOOR PLAN
1/8" = 1'-0"

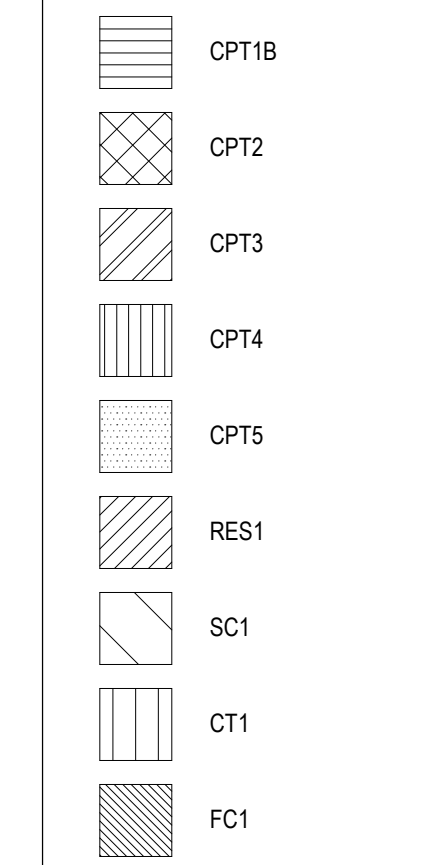


A2 LEVEL 6 - FLOOR PLAN
1/8" = 1'-0"

GENERAL FINISH NOTES

- WALL FINISHES**
1. FINISH ALL WALL FINISHES AT INSIDE CORNER.
 2. ALL MECHANICAL ACCESSORIES THAT ARE PRIMED ONLY AND ACCESS DOORS ARE TO BE PAINTED TO MATCH SURROUNDING WALL. NOTIFY ARCHITECT FOR FINISHED ITEMS NOT MATCHING SURROUNDING WALL.
 3. ALL EXPOSED GYPSUM BOARD SURFACES TO BE PAINTED PT1 U.O.N.
 4. TYPICAL WALL PAINT FINISH IS PT1 SHERWIN WILLIAMS SW7551 GREEK VILLA.
 5. CONCRETE WALL & COLUMN FINISH WILL BE C1 U.O.N.
- FLOOR FINISHES**
1. WHERE DIFFERING FLOOR FINISH MATERIALS MEET AT DOORS, THE SEAM SHALL OCCUR DIRECTLY BELOW THE CENTERLINE OF THE CLOSED DOOR U.O.N.
 2. GRAB DIRECTION OF FLOORING MATERIAL TO BE CONSISTENT IN DIRECTION THROUGHOUT ENTIRE PROJECT. DO NOT QUARTER-TURN FLOORING MATERIAL UNLESS THE INSTALLATION METHOD HAS BEEN RECOMMENDED BY THE MANUFACTURER, I.E., CARPET TILE AND/OR WALK-OFF MAT.
 3. SUBMIT FLOOR SEAMING DIAGRAM FOR APPROVAL PRIOR TO PURCHASE OF MATERIAL.
 4. PROVIDE TRANSITION / REDUCER STRIP AT ALL FLOOR MATERIAL CHANGES. IDENTIFY TRANSITION / REDUCER STRIPS IN SHOP DRAWINGS.
 5. WHERE DIFFERING FLOOR MATERIAL MEET, FEATHER SUBFLOOR TO ACCOMMODATE DIFFERENCES IN GUGAGES OR SUB-FLOOR LEVEL.
 6. DO NOT SCALE THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR THE SITE REVIEW AND VERIFICATION OF ALL QUANTITIES OF MATERIAL REQUIRED TO COMPLETE THE INSTALLATION.
 7. EXTEND RESILIENT FLOORING TO WALL UNDER COUNTER AND FACE OF CASEWORK TOE SPACE, TYP.
 8. ALL MATERIAL OF ONE PATTERN / COLOR SHALL BE THE SAME DYE LOT.
 9. RESILIENT BASE REQUIRES SEQUENCING WITH FLOORING CONTRACTOR TO CHECK WITH MFR'S RECOMMENDATIONS FOR INSTALLATION.
 10. ALL CONCRETE WALLS ARE EXPOSED / UNPAINTED UNLESS OTHERWISE NOTED.
 11. PROVIDE FRP WAINSCOT AT ALL CUSTODIAL Closets BEHIND MOP SINKS. 3'-0" LONG EACH SIDE X 4'-0" HIGH.
 12. PROVIDE 4'-0" HIGH FRP WAINSCOT BEHIND WASHER, DRYER AT BUILDING STORAGE ROOM X47 AND EXTEND 3'-0" ON EACH SIDE.
 13. 1/8" SAW CUT WITH EPOXY FILL AT FC1 AND FC2. COLOR TO BE DETERMINED.

FINISH LEGEND



Name: 101

Carpet Finish	PT1
Half Finish	PT2
Base Finish	PT3
Floor Finish	PT4

DSA APPROVAL

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ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

PERALTA COMMUNITY COLLEGE DISTRICT BERKELEY CITY COLLEGE
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST
SHEET TITLE:
FINISH PLANS - LEVELS 5 & 6

SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **A-613**

06/16/2022 DSA SUBMITTAL

GENERAL NOTES:

I. GENERAL

- 1. MATERIALS AND WORKMANSHIP TO CONFORM WITH THE 2019 EDITION OF THE CALIFORNIA BUILDING CODE...
2. THESE GENERAL NOTES SUPPLEMENT THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS...
3. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION...
4. DETAILS ON SHEETS TITLED "TYPICAL DETAILS" APPLY TO SITUATIONS OCCURRING ON THE PROJECT...

VII. SHOTCRETE

- 1. USE SHOTCRETE ONLY WHERE DESIGNATED ON THE DRAWINGS...
2. COMPLY WITH THE REQUIREMENTS OF THE CAST-IN-PLACE CONCRETE AND REINFORCING STEEL SECTIONS...

Table with columns: LOCATION, 28-DAY STRENGTH, SHOTCRETE TYPES. Includes details for concrete shear walls and coupling beams.

II. FOUNDATION AND SITE WORK

- 1. THE DESIGN OF THE FOUNDATION SYSTEM IS BASED UPON THE CRITERIA AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL INVESTIGATION AND GEOLOGIC HAZARD STUDY REPORT BY AGGEO, INC...
2. THE GEOTECHNICAL REPORT IS PART OF THE CONSTRUCTION DOCUMENTS...
3. LOCATE AND PROTECT EXISTING UTILITIES TO REMAIN DURING AND/OR AFTER CONSTRUCTION...

III. DRILLED PIERS

- 1. EACH DRILLED PIER MUST BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE AND REINFORCING STEEL...

IV. REINFORCING STEEL

- 1. REINFORCING TO CONFORM TO THE FOLLOWING, UNLESS OTHERWISE NOTED:
REINFORCING STEEL TYPE
#5 AND SMALLER ASTM A615, 60 KSI
#6 AND LARGER & BARS TO BE WELDED ASTM A706, 60 KSI

V. CAST-IN-PLACE CONCRETE

- 1. CONCRETE IS REINFORCED AND CAST-IN-PLACE UNLESS OTHERWISE NOTED...
2. ROUGHEN CONCRETE SURFACES OF CONSTRUCTION JOINTS TO 1/4 INCH AMPLITUDE AND CLEAN OF LAITANCE, FOREIGN MATTER, AND LOOSE PARTICLES...

Table with columns: LOCATION, CLEAR COVER. Details for concrete placed against earth, slabs on grade, and beams.

VI. CONCRETE TYPES

- A. MAT FOUNDATION:
a. 28-DAY STRENGTH: FC = 5000 PSI
b. TYPE: NORMAL WEIGHT
B. SUSPENDED SLABS:
a. 28-DAY STRENGTH: FC = 5000 PSI
b. TYPE: NORMAL WEIGHT

- 6. CONCRETE FILL THICKNESS SHOWN ON THE FRAMING PLANS ARE MINIMAL THICKNESSES...
7. NON-SHRINK GROUT: ASTM C1107, WITH MINIMUM COMPRESSIVE STRENGTH OF 7,000 PSI...
8. ALL TOPPING SLABS TO RECEIVE 6x6-W2.9xW2.9 WELDED WIRE FABRIC UNLESS NOTES OTHERWISE...

VIII. UNIT MASONRY

- 1. MINIMUM COMPRESSIVE STRENGTH OF MASONRY, F.M. EQUAL TO 2,000 PSI AT 28 DAYS...
2. MASONRY UNITS: ASTM C90, MEDIUM WEIGHT, HOLLOW, LOAD BEARING UNITS...
3. MORTAR: ASTM C270, TYPE S...

IX. STRUCTURAL STEEL

- 1. STRUCTURAL STEEL TO CONFORM TO THE FOLLOWING UNLESS OTHERWISE NOTED:
SECTIONS ROLLED SHAPES: TYPE
WIDE FLANGES: ASTM A992

- 2. HOT DIP GALVANIZE IN ACCORDANCE WITH ASTM A123 AND ASTM A153...
3. ARC-WELDING ELECTRODES/FILLER METALS TO BE LOW HYDROGEN TYPES E70T-X...
4. WHERE FIELD WELDING IS NOTED, THE DESIGNATION IS GIVEN AS A SUGGESTED CONSTRUCTION PROCEDURE ONLY...

X. METAL DECKING

- 1. METAL FLOOR AND ROOF DECK TO HAVE MINIMUM SECTION PROPERTIES SHOWN ON THE METAL DECK SCHEDULE...
2. FLOOR AND ROOF DECK TO BE GALVANIZED IN ACCORDANCE WITH ASTM A653 COATING CLASS 60...

XI. COLD-FORMED METAL FRAMING

- 1. STUDS: ASTM C955 AND ASTM A1003, "C" SHAPED WITH LIPPED FLANGES AND PUNCHED WEB...
2. TRACK: ASTM C955 AND ASTM A1003, "U" SHAPED WITH UN-PUNCHED WEB...
3. JOISTS: ASTM A1003, PROVIDE G60 COATING MINIMUM...
4. FRAMING DESIGNATIONS ON PLANS ARE BASED ON THE STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA) PRODUCT TECHNICAL GUIDE...

XII. MECHANICAL ANCHORS

- 1. EXPANSION OR WEDGE ANCHORS INTO CONCRETE: HILTI KB-TZ (ICC-ESR-1917)...
2. HEAVY DUTY SLEEVE ANCHORS INTO CONCRETE: HILTI HSL-3 ANCHORS (ICC-ESR-1545) OR DEWALT POWER-BOLT+ (ICC-ESR-3260)...

XIII. ADHESIVE ANCHORS AND DOWELS

- 1. ANCHORS AND DOWELS INSTALLED INTO CONCRETE: HILTI HIT-RE-500-V3 (ICC-ESR-3814)...
2. ANCHORS AND DOWELS INSTALLED INTO CONCRETE MASONRY UNITS (CMU): HILTI HIT-HY 270 (ICC-ESR-4143)...
3. THE TESTING LABORATORY IS TO PERFORM TENSION TESTS ON 50% OF ANCHORS AND DOWELS INSTALLED INTO CONCRETE TO THE FOLLOWING TEST LOADS:

Table with columns: ROD DIA OR BAR SIZE, CMIN, ANCHOR LOCATED > CMIN & < 12" FROM EDGE, ANCHOR LOCATED > 12" FROM EDGE. Includes test load values for various anchor sizes.



DSA APPROVAL

- 1. APPLICABLE CODE: 2019 CALIFORNIA BUILDING CODE
2. FOUNDATIONS HAVE BEEN DESIGNED WITH THE FOLLOWING CRITERIA:
A. MAT FOUNDATION:
1. ALLOWABLE SOIL PRESSURE FOR DL + LL + 4500 PSF
2. ALLOWABLE SOIL PRESSURE FOR DL + LL + EQ = 6000 PSF

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ISSUE SCHEDULE

Table with columns: Bid Addendum, ISSUE SCHEDULE, NO., DATE. Shows addendum 1 on 06/29/22.

PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE
218 MILVIA STREET
BERKELEY, CA 94704

BCC WEST

SHEET TITLE:

GENERAL NOTES

SCALE: 12" = 1'-0"
PROJECT NUMBER: 21415

SHEET NUMBER: SG100

06/16/2022 DSA SUBMITTAL

D

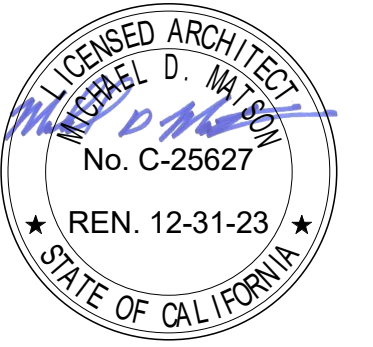
C

B

A

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ISSUE SCHEDULE

ISSUE SCHEDULE	NO.	DATE
Bid Addendum 1	A	06/29/22

**PERALTA COMMUNITY COLLEGE DISTRICT
BERKELEY CITY COLLEGE**
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:

**FRAMING PLANS-
LEVELS 1 & 2**

SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **S110**

SHEET NOTES:

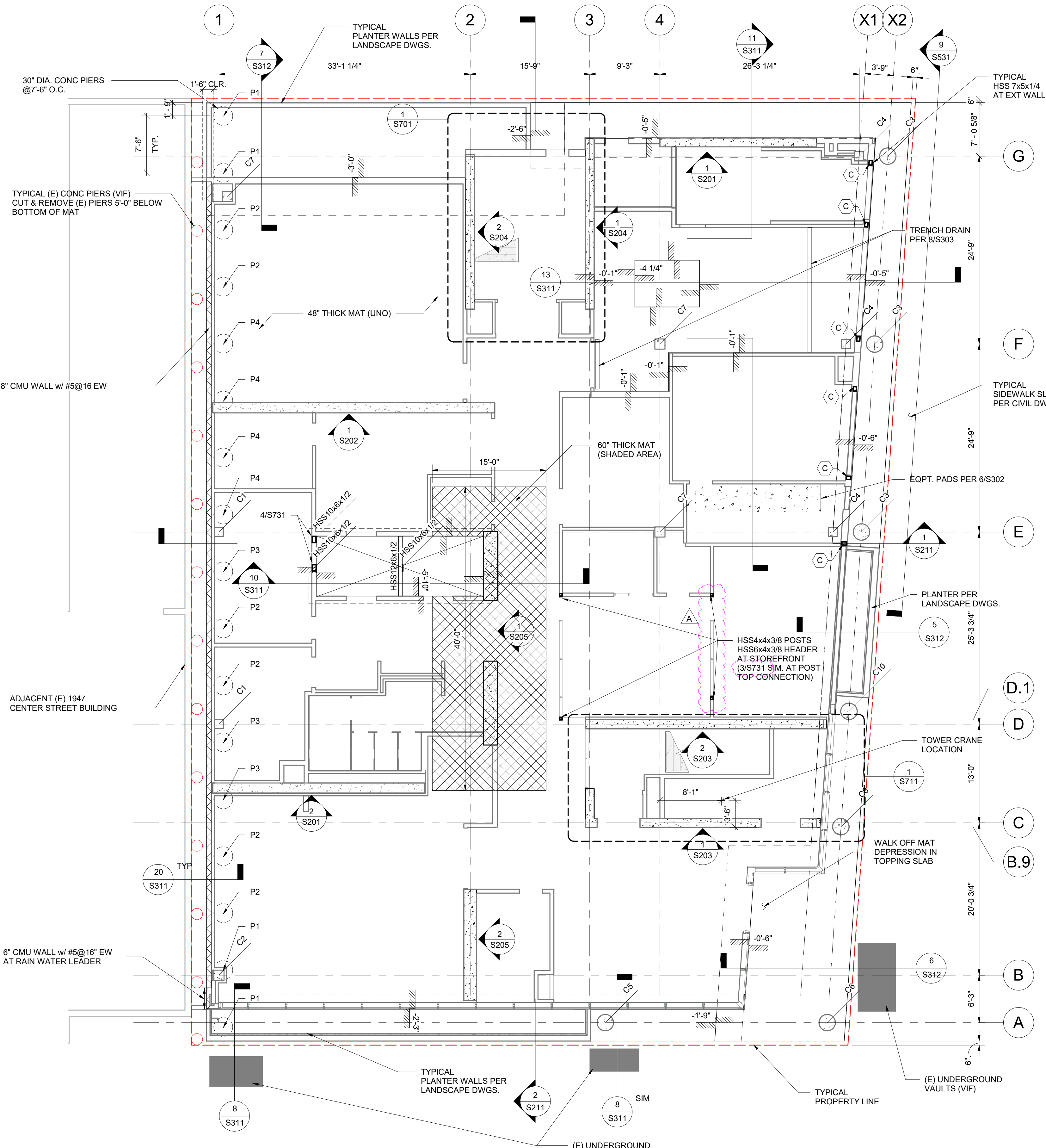
- SEE SHEETS SG100 AND SG110 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
- SEE ARCHITECTURAL DRAWINGS FOR CONCRETE SLAB ELEVATIONS, TOPPING SLABS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, TRENCHES, SLAB EDGE LOCATIONS, ETC., AND FOR WALL OVERALL DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
- SEE CIVIL SITE PLAN FOR BUILDING LOCATION AND HORIZONTAL CONTROLS.
- STUDRAILS AT ALL ELEVATED SLAB COLUMNS PER 14/S321.
- SLAB/ MAT OPENINGS PER S302. SEE AMEP DRAWINGS FOR SIZE AND LOCATION.
- SEE ARCHITECTURAL DRAWINGS FOR CONTROL (CONTRACTION) JOINTS IN TOPPING SLABS. DETAIL PER 11/S301.

D

C

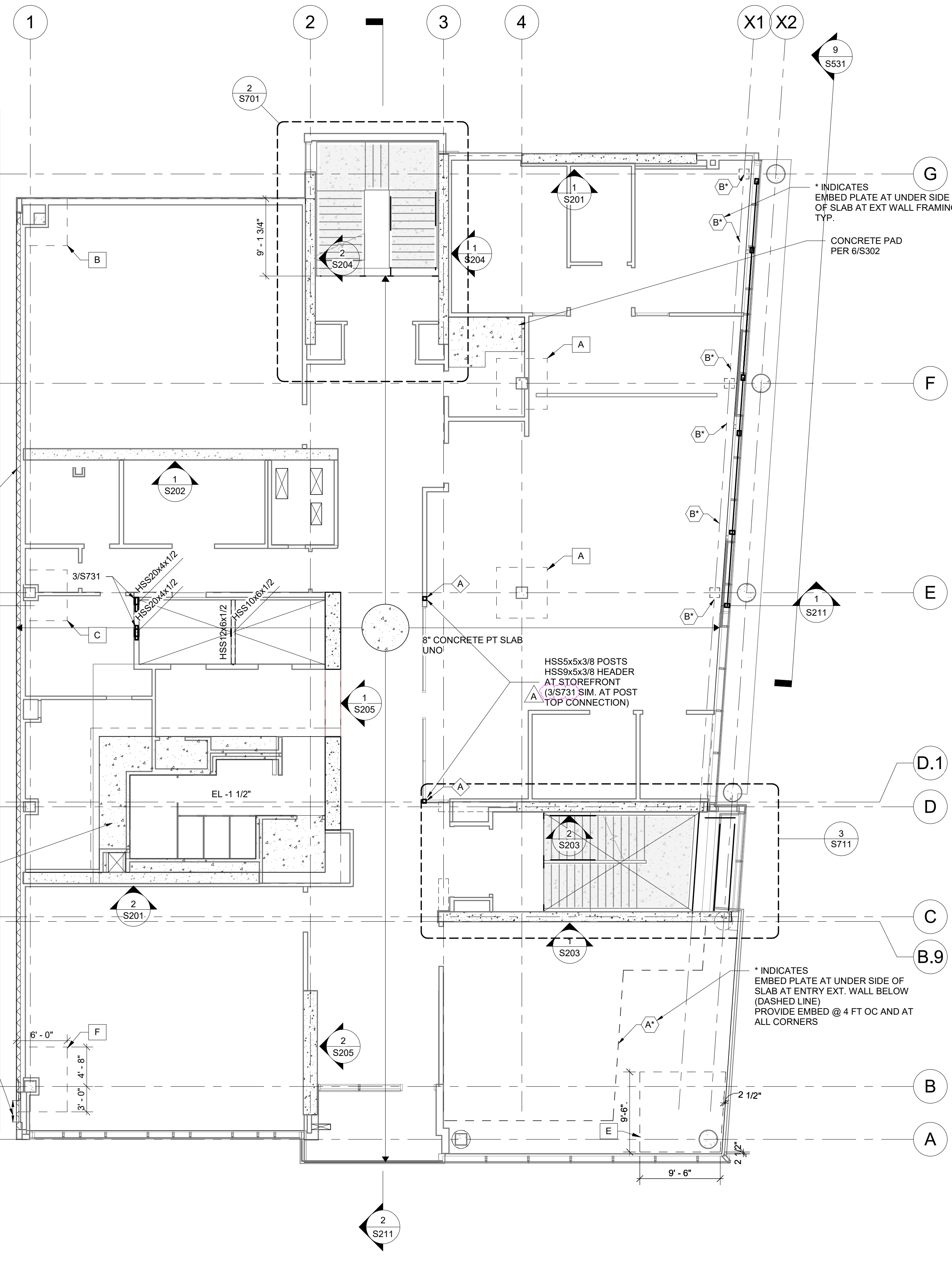
B

A



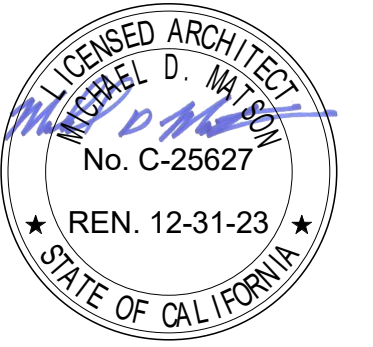
TOP OF MAT SLAB AT BUILDING INTERIOR = -0'-3" U.N.O.
SEE A1/A-100 FOR TOPPING SLAB EXTENTS AND THICKNESS

1 LEVEL 1
1/8" = 1'-0"



TOP OF CONCRETE SLAB = 16'-6" U.N.O.

2 LEVEL 2 FRAMING PLAN
1/8" = 1'-0"



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SHEET TITLE:

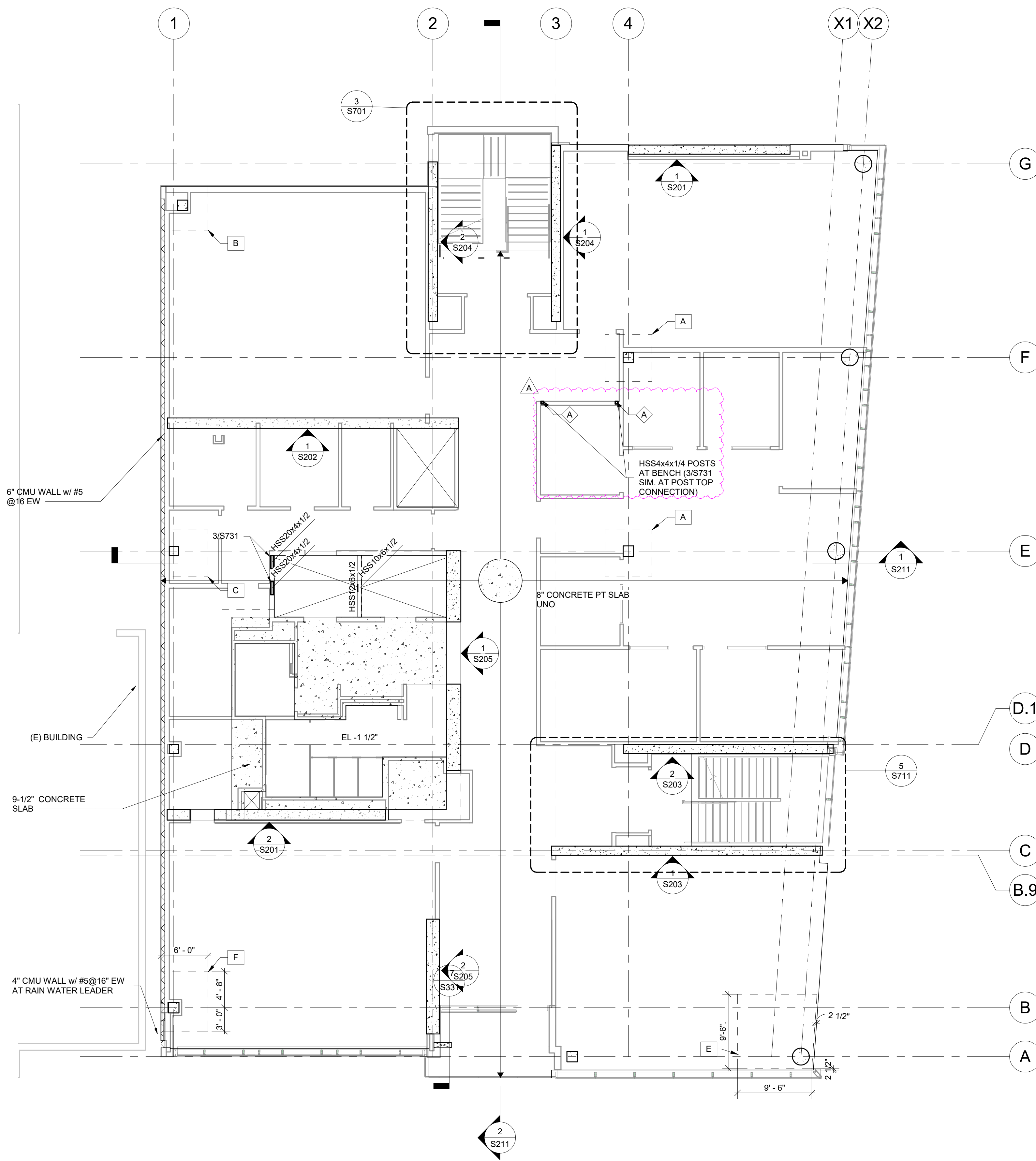
**FRAMING PLANS-
LEVELS 3 & 4**

SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **S111**

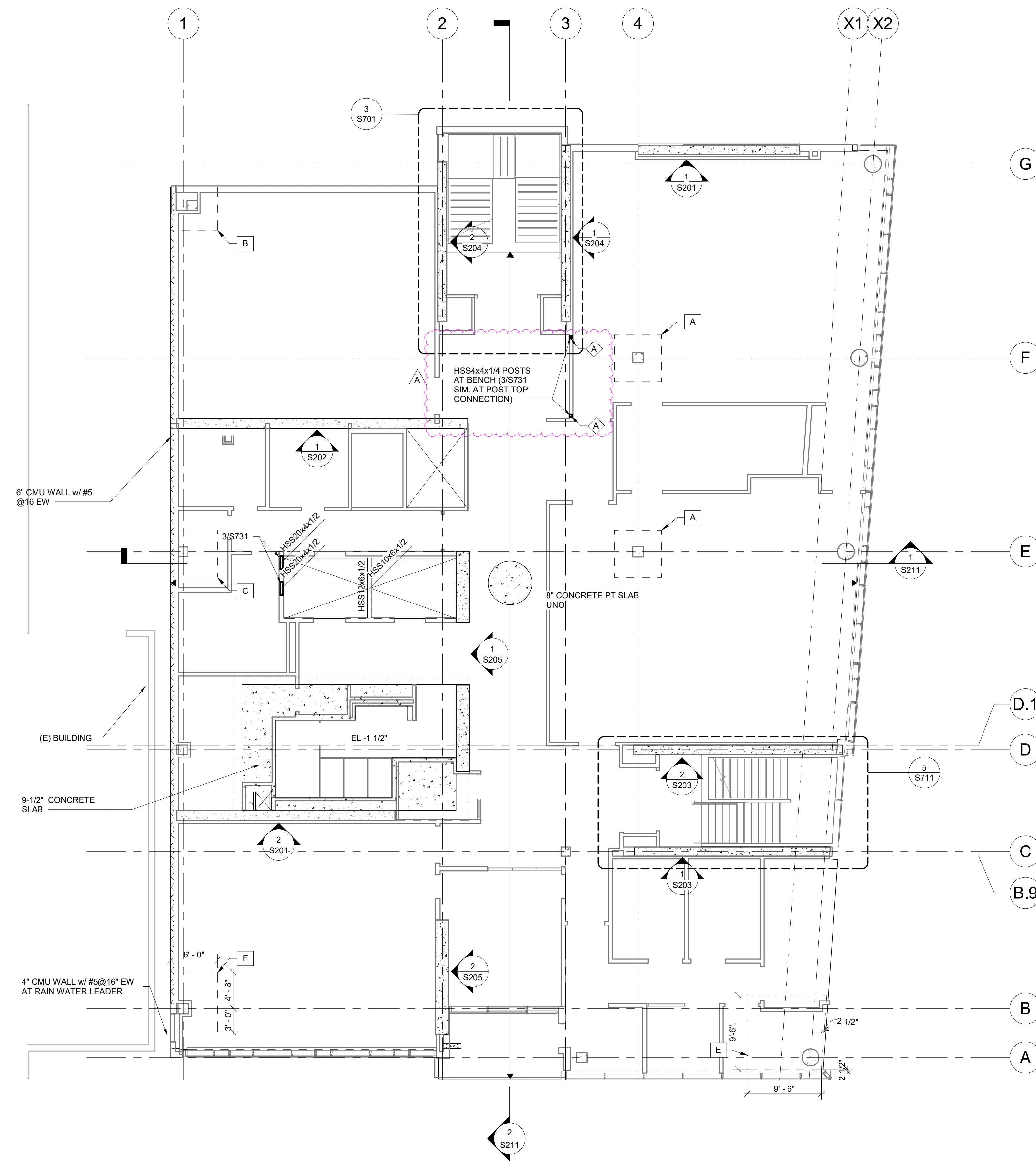
SHEET NOTES:

- SEE SHEETS SG100 AND SG110 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
- SEE ARCHITECTURAL DRAWINGS FOR CONCRETE SLAB ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, TRENCHES, SLAB EDGE LOCATIONS, ETC., AND FOR WALL OVERALL DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
- STUDRAILS AT ALL COLUMNS PER 14/S321



TOP OF CONCRETE SLAB = 30'-2" U.N.O.

1 LEVEL 3 FRAMING PLAN
1/8" = 1'-0"



TOP OF CONCRETE SLAB = 43'-10" U.N.O.

2 LEVEL 4 FRAMING PLAN
1/8" = 1'-0"

D

C

B

A

1

2

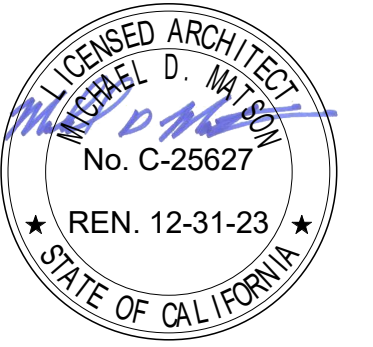
3

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BCC WEST

SHEET TITLE:
FRAMING PLANS-LEVELS 5 & 6

SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **S112**

SHEET NOTES:

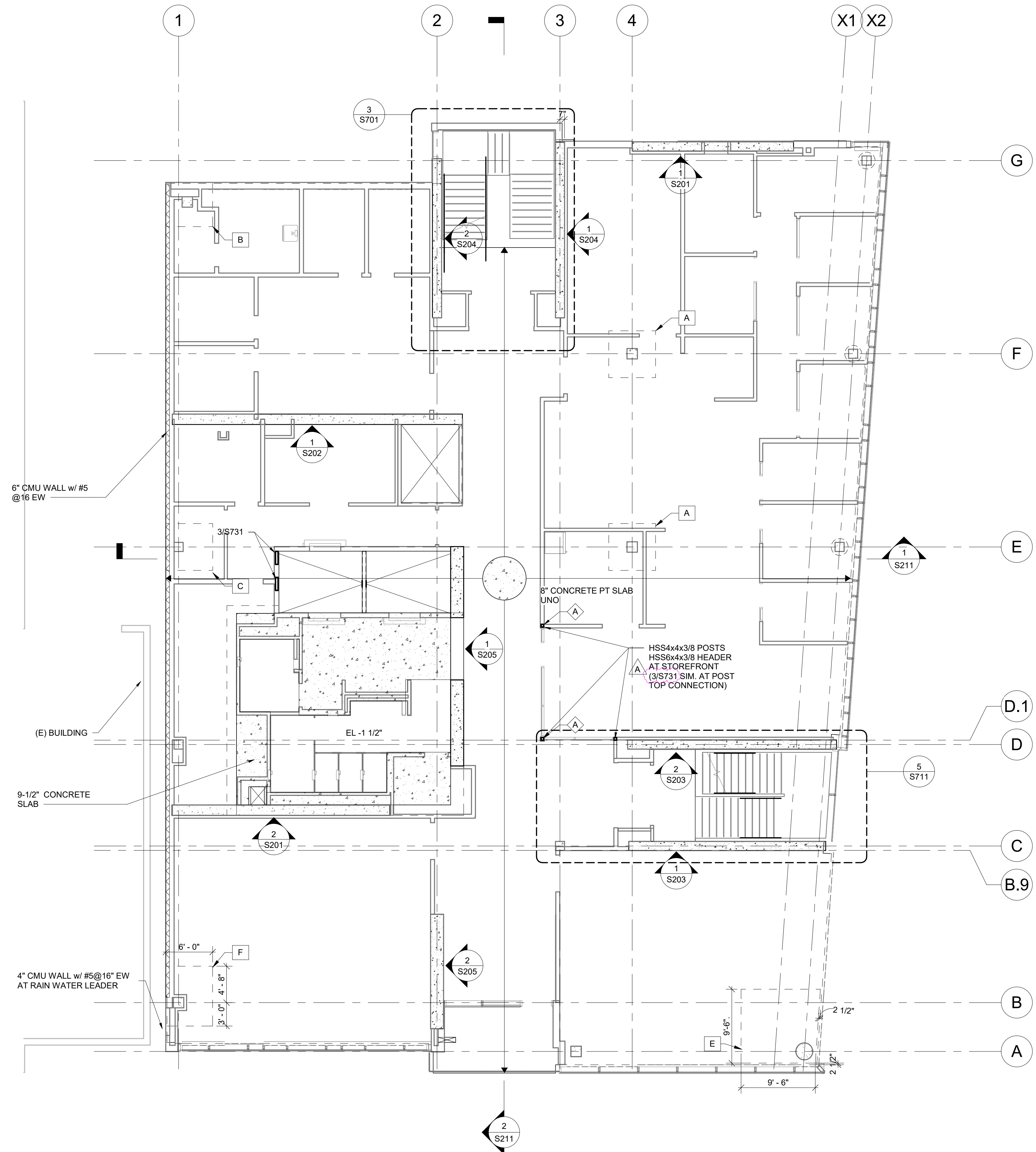
- SEE SHEETS SG100 AND SG110 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
- SEE ARCHITECTURAL DRAWINGS FOR CONCRETE SLAB ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, TRENCHES, SLAB EDGE LOCATIONS, ETC., AND FOR WALL OVERALL DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
- STUDRAILS AT ALL COLUMNS PER 14/S321

D

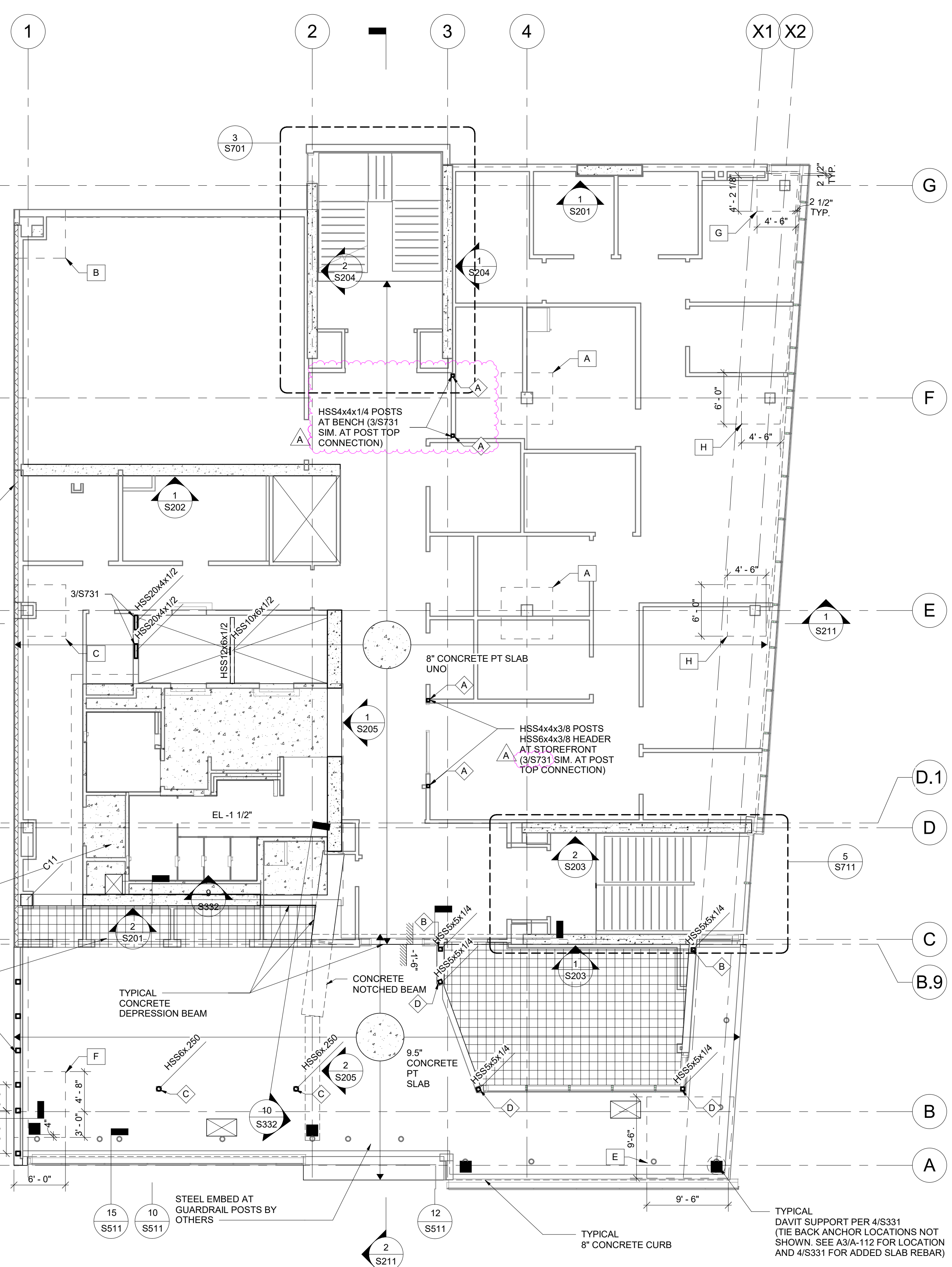
C

B

A



1 LEVEL 5 FRAMING PLAN
1/8" = 1'-0"



2 LEVEL 6 FRAMING PLAN
1/8" = 1'-0"

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BCC WEST

SHEET TITLE:

**FRAMING PLANS -
ROOF & MECH ROOF**

SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER:

S113

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SHEET NOTES:

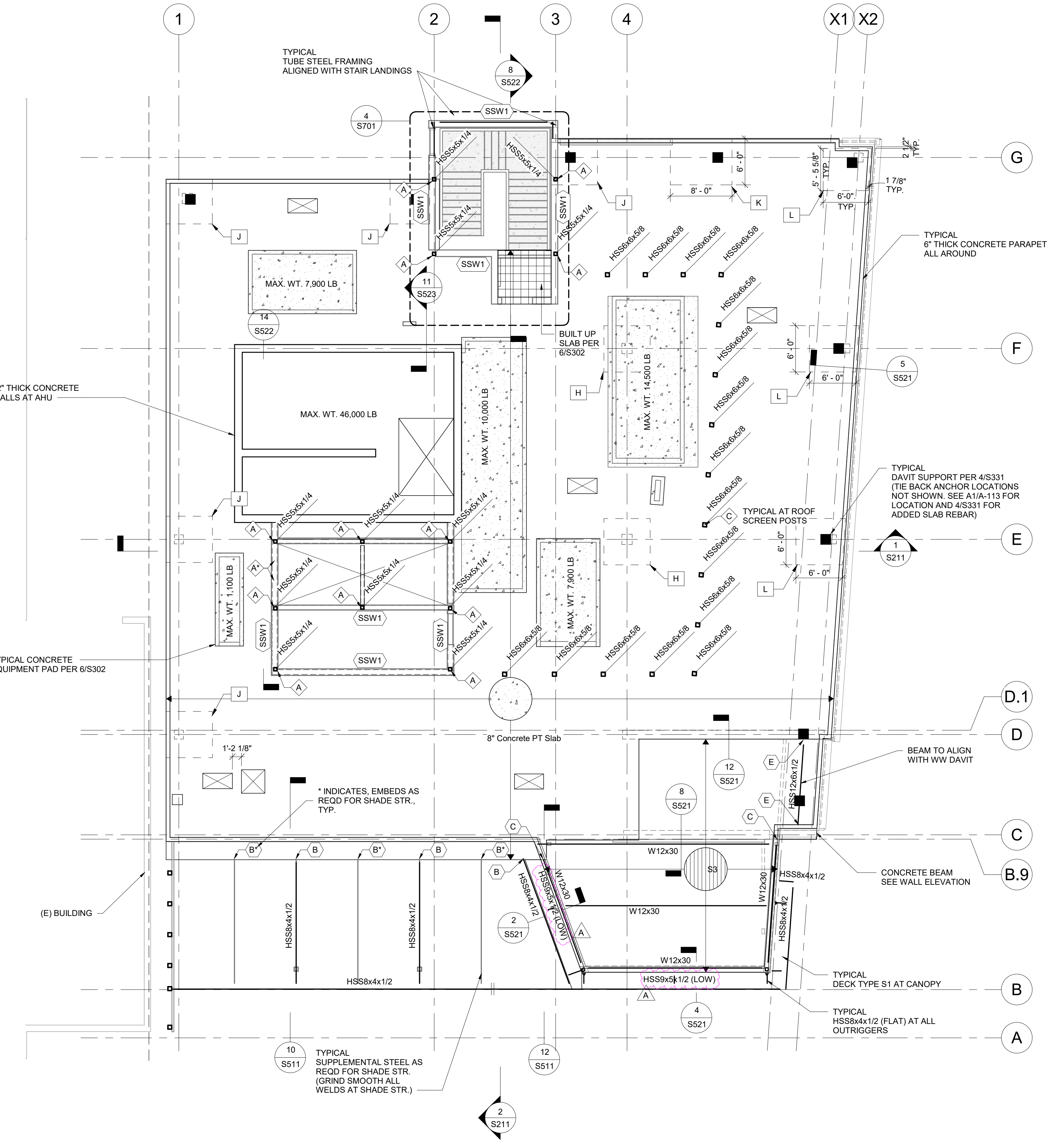
- SEE SHEETS SG100 AND SG110 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
- SEE ARCHITECTURAL DRAWINGS FOR CONCRETE SLAB ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, TRENCHES, SLAB EDGE LOCATIONS, ETC., AND FOR WALL OVERALL DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
- STUDRAIS AT ALL COLUMNS PER 14/S321

D

C

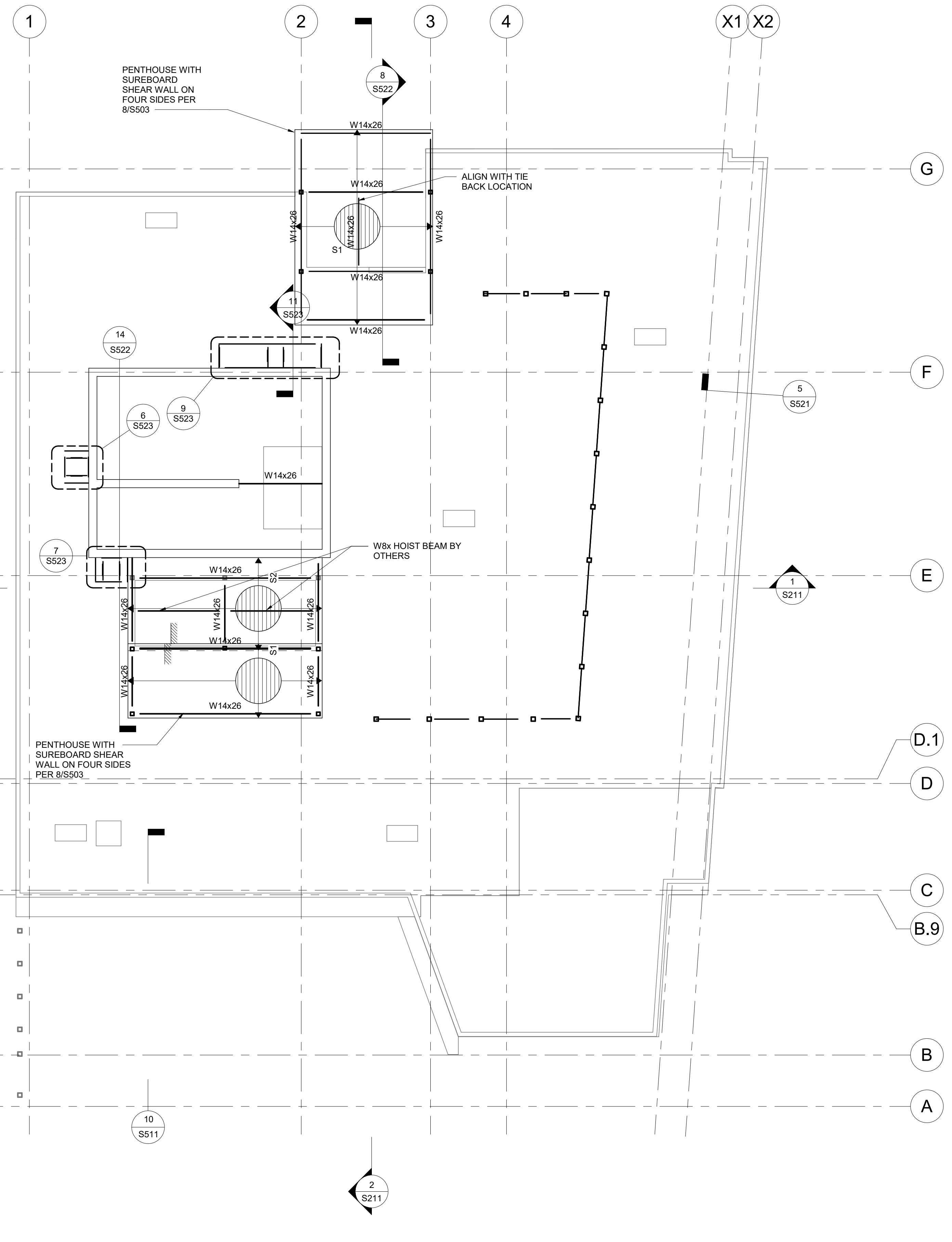
B

A



TOP OF CONCRETE SLAB = 84'-10" U.N.O.
FOR TOP OF STEEL ELEVATIONS SEE SECTIONS AND DETAILS

1 ROOF FRAMING PLAN
1/8" = 1'-0"



FOR TOP OF STEEL ELEVATIONS SEE SECTIONS AND DETAILS

2 MECH PENTHOUSE ROOF FRAMING PLAN
1/8" = 1'-0"

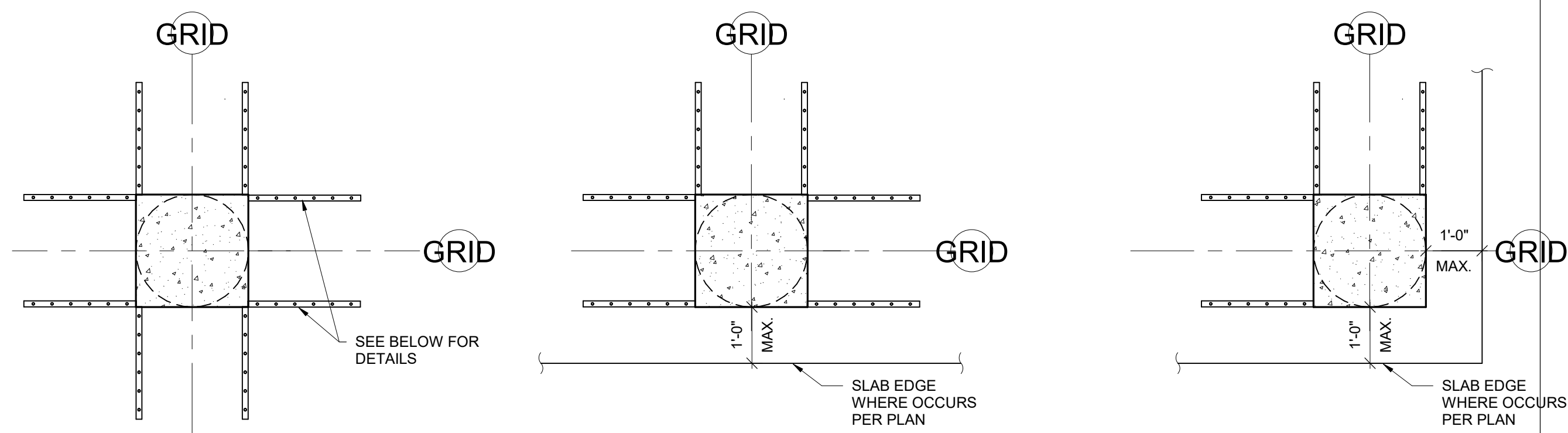
D

C

B

A

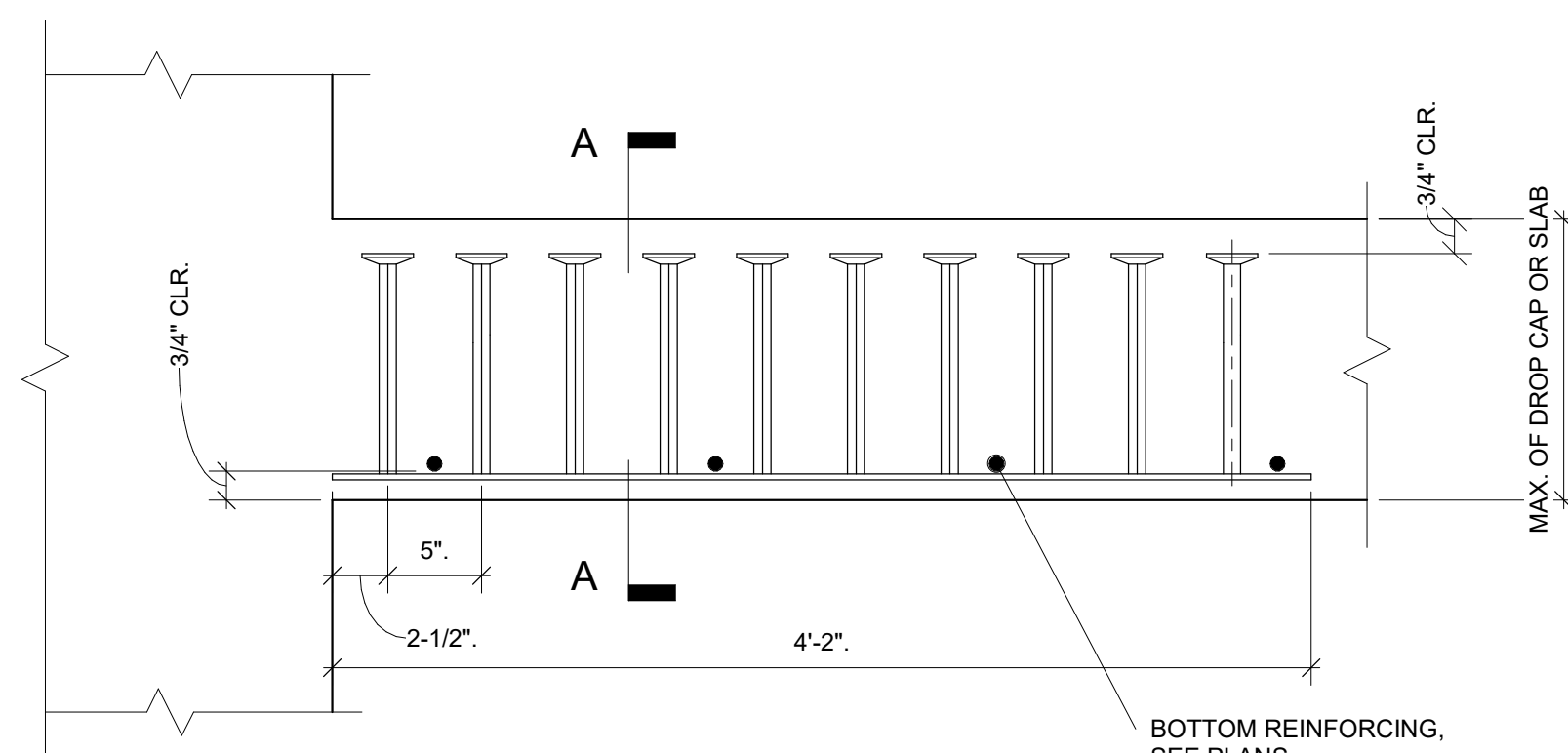
05/20/2022 10:48:40 AM



CONFIGURATION A

CONFIGURATION B

CONFIGURATION C



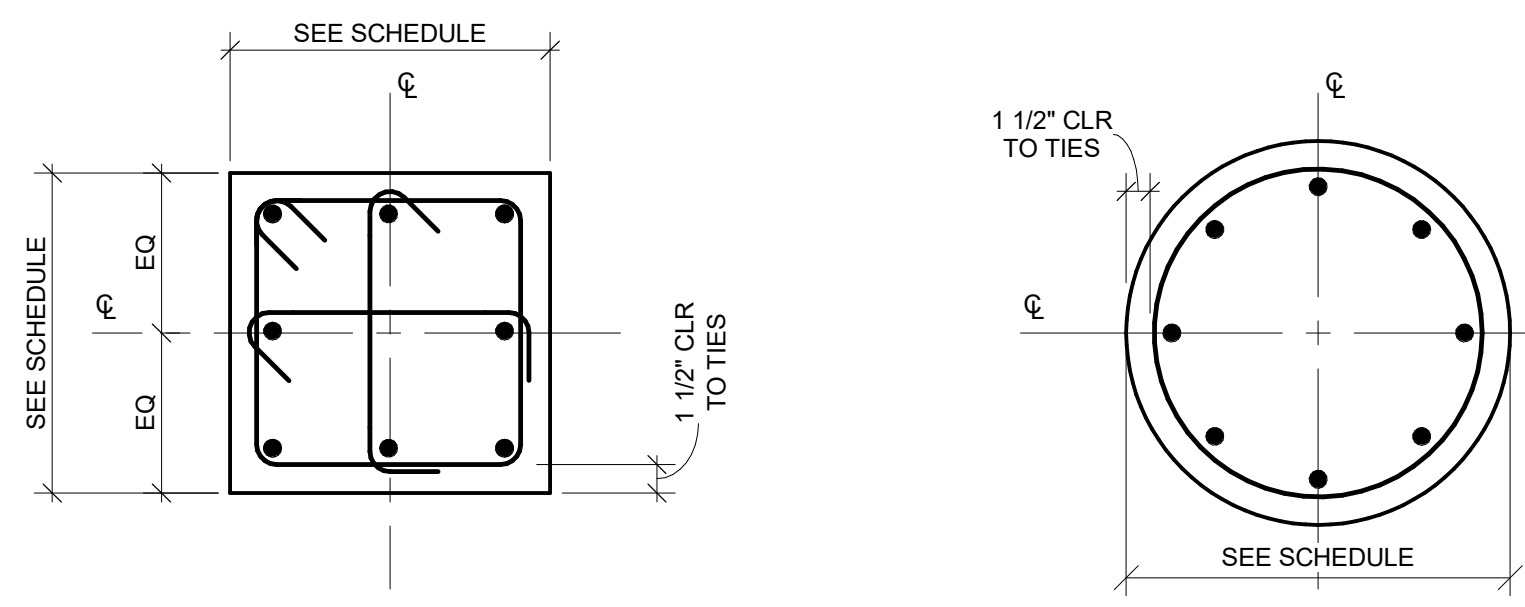
TYPICAL STUDRAIL ELEVATION

SECTION A-A

NOTES:

- 1. SEE PLANS FOR STUDRAIL DESIGNATIONS.
- 2. PROVIDE STUDS COMPLYING WITH ASTM A1044.
- 3. PLACE ALL RAILS ON PRINCIPLE AXES OF COLUMN.
- 4. WHERE STUDRAIL CONFLICTS WITH SLAB EDGE, STOP STUDRAIL 3\"/>

14 STUDRAIL DETAIL
1/2\"/>



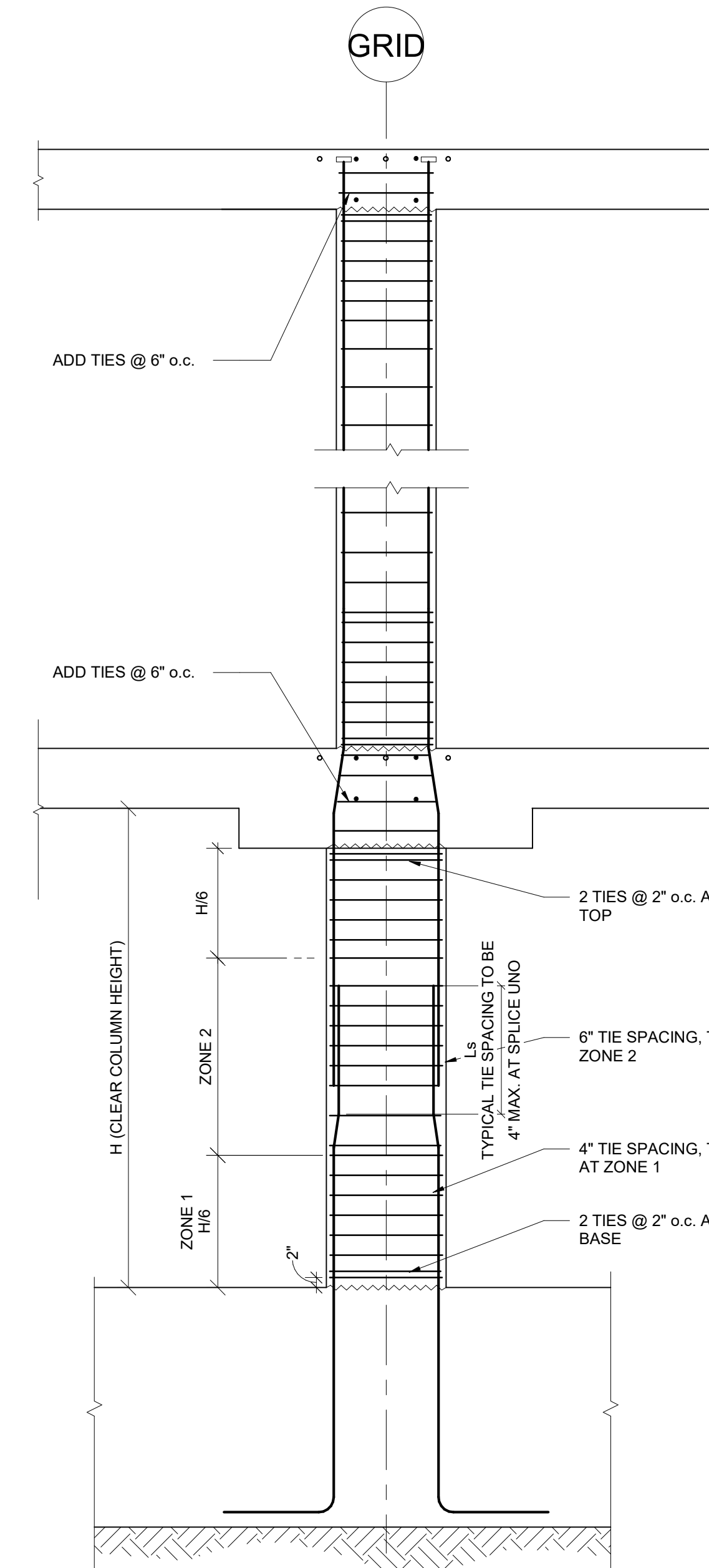
COLUMN TYPE A

COLUMN TYPE B

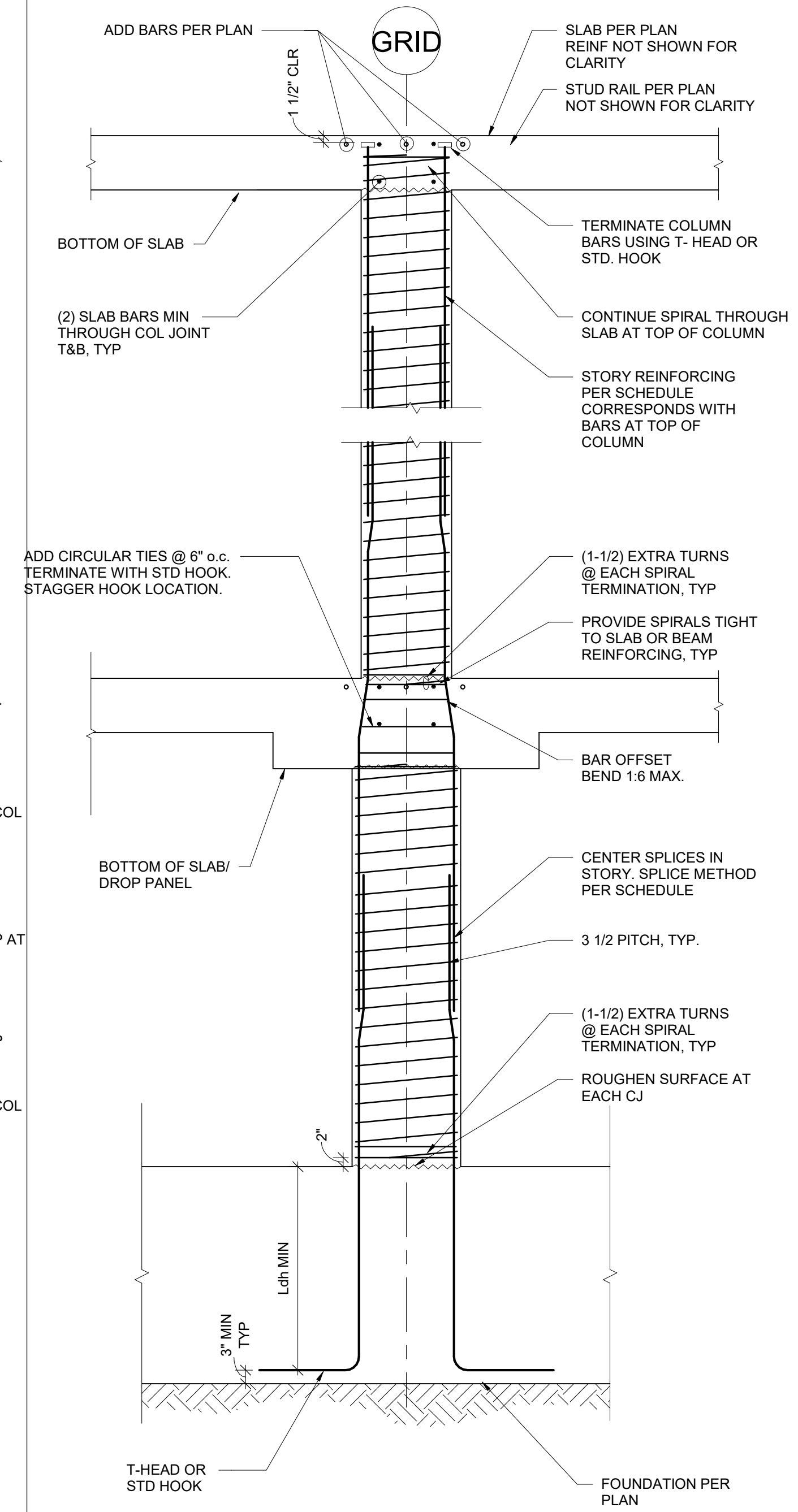
CONCRETE	COLUMN MARK	C1	C2	C3	C4	C5	C6	C7	C8	C9 (NOT USED)	C10	C11
CONCRETE	ROOF	SIZE 14\"/>		14\"/>				16\"/>				16\"/>
	LEVEL 5	SIZE 14\"/>	16\"/>	14\"/>		16\"/>	26\"/>	16\"/>				
	LEVEL 4	SIZE 14\"/>	16\"/>	26\"/>		16\"/>	26\"/>	16\"/>				
5000 PSI	LEVEL 3	SIZE 14\"/>	16\"/>	26\"/>		16\"/>	26\"/>	16\"/>				
	LEVEL 2	SIZE 14\"/>	16\"/>	26\"/>		16\"/>	26\"/>	16\"/>			26\"/>	
	LEVEL 1	SIZE 14\"/>	16\"/>	26\"/>	14\"/>	26\"/>	26\"/>	16\"/>	26\"/>		26\"/>	

NOTES:
* INDICATES 80 KSI REBAR, PROVIDE COUPLERS AT REBAR SPLICE.

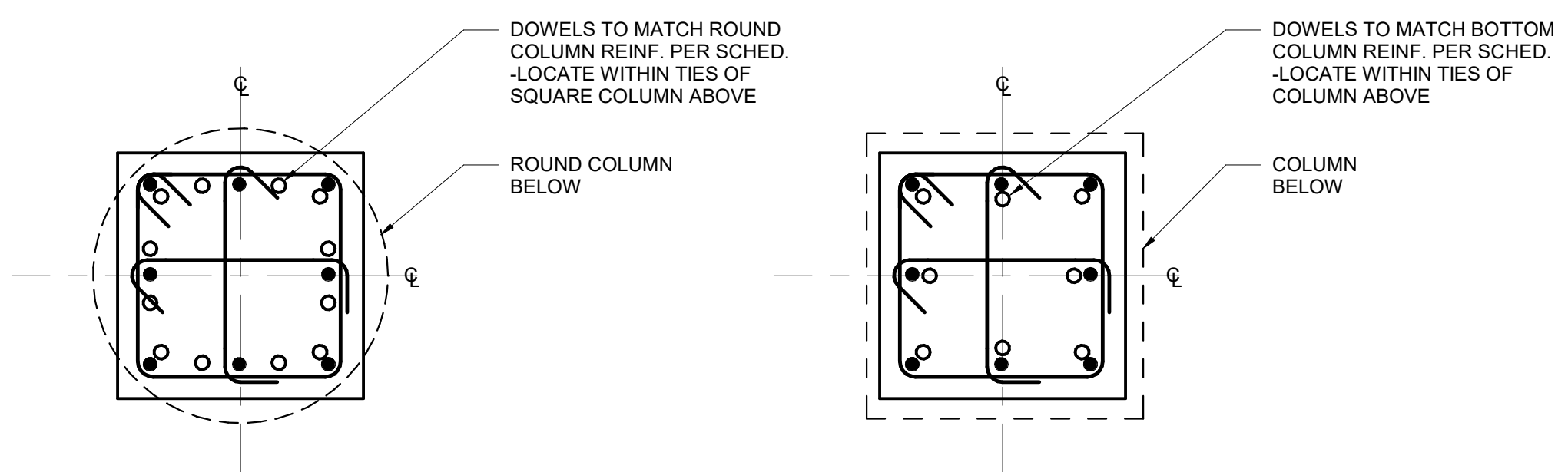
16 CONCRETE COLUMN SCHEDULE
1\"/>



7 TYPICAL CONCRETE COLUMN ELEVATION
1/2\"/>



3 TYPICAL CIRCULAR CONCRETE COLUMN ELEVATION
1/2\"/>



NOTES:
SEE 16\"/>

8 COLUMN TRANSITION DETAIL
1\"/>

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Bid Addendum 1	A	06/29/22

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BERKELEY, CA. 94704

BCC WEST

SHEET TITLE:

CONCRETE COLUMN DETAILS AND SCHEDULE

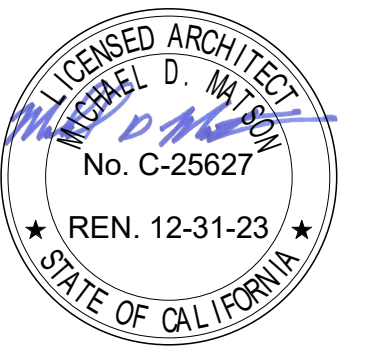
SCALE: As indicated
PROJECT NUMBER: 21415

SHEET NUMBER: **S321**

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Bid Addendum 1	A	06/29/22

PERALTA COMMUNITY COLLEGE DISTRICT BERKELEY CITY COLLEGE

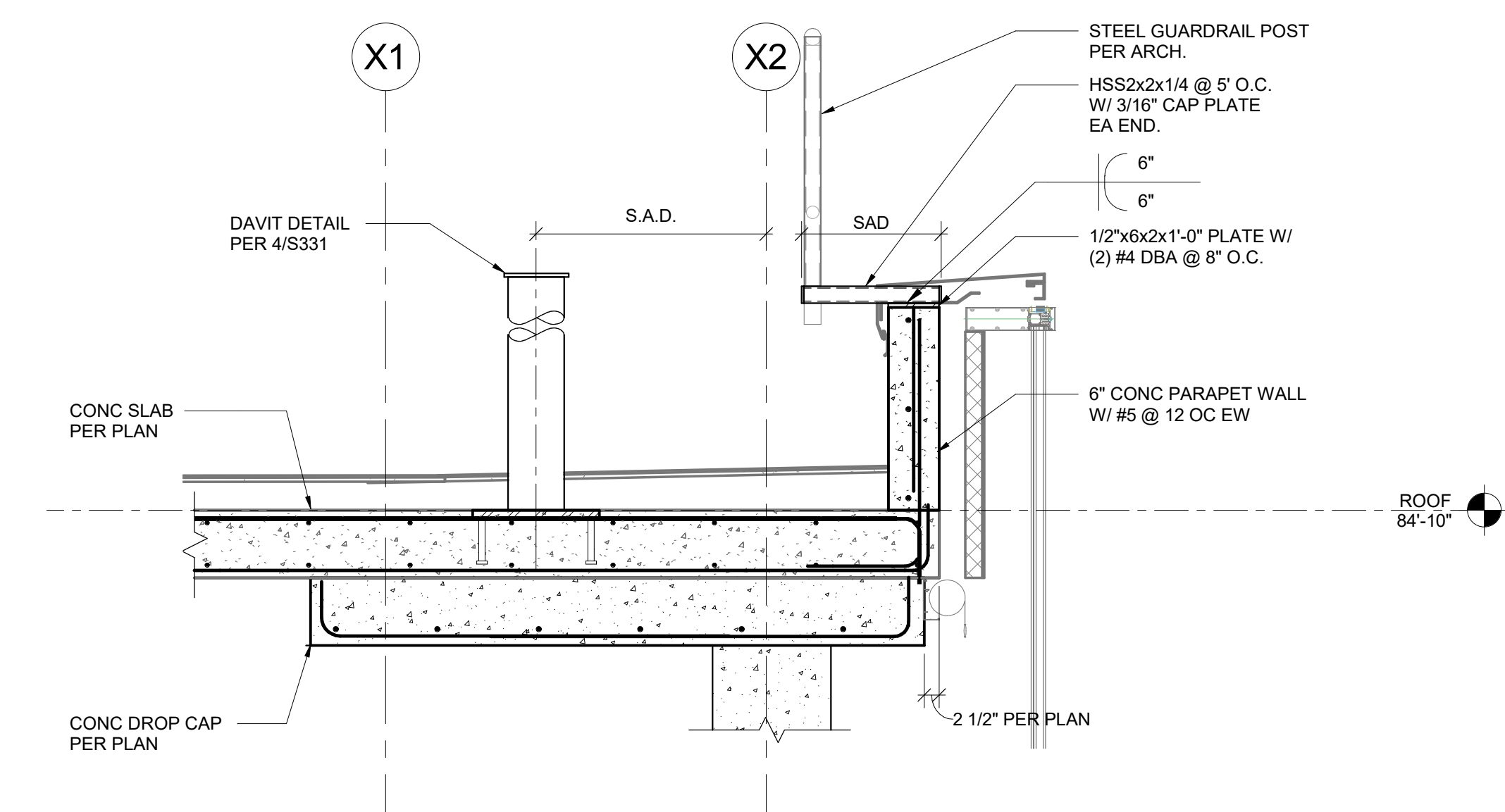
2118 MILVIA STREET
BERKELEY, CA. 94704

BCC WEST

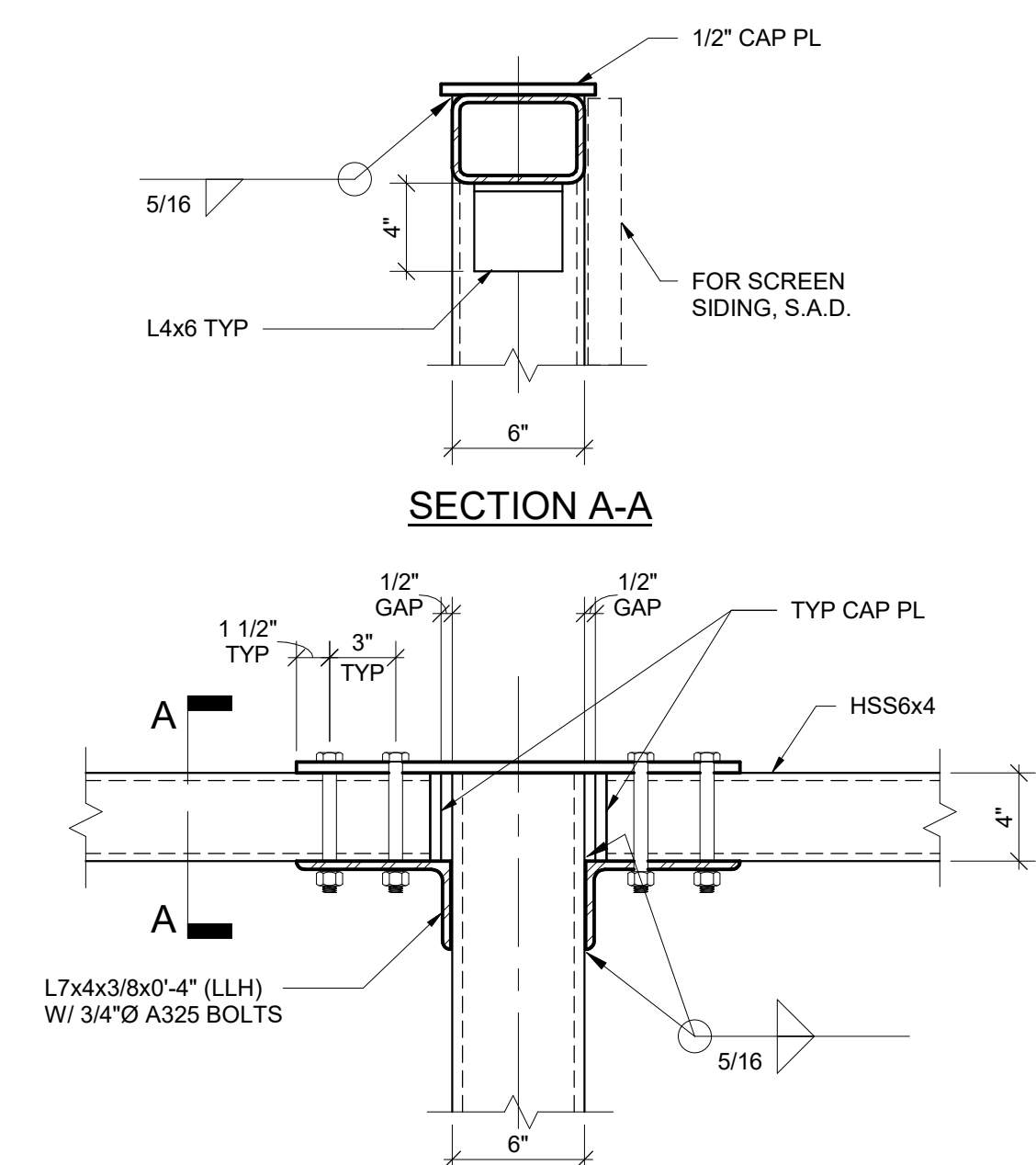
SHEET TITLE:
MISCELLANEOUS ROOF DETAILS

SCALE: As indicated
PROJECT NUMBER: 21415

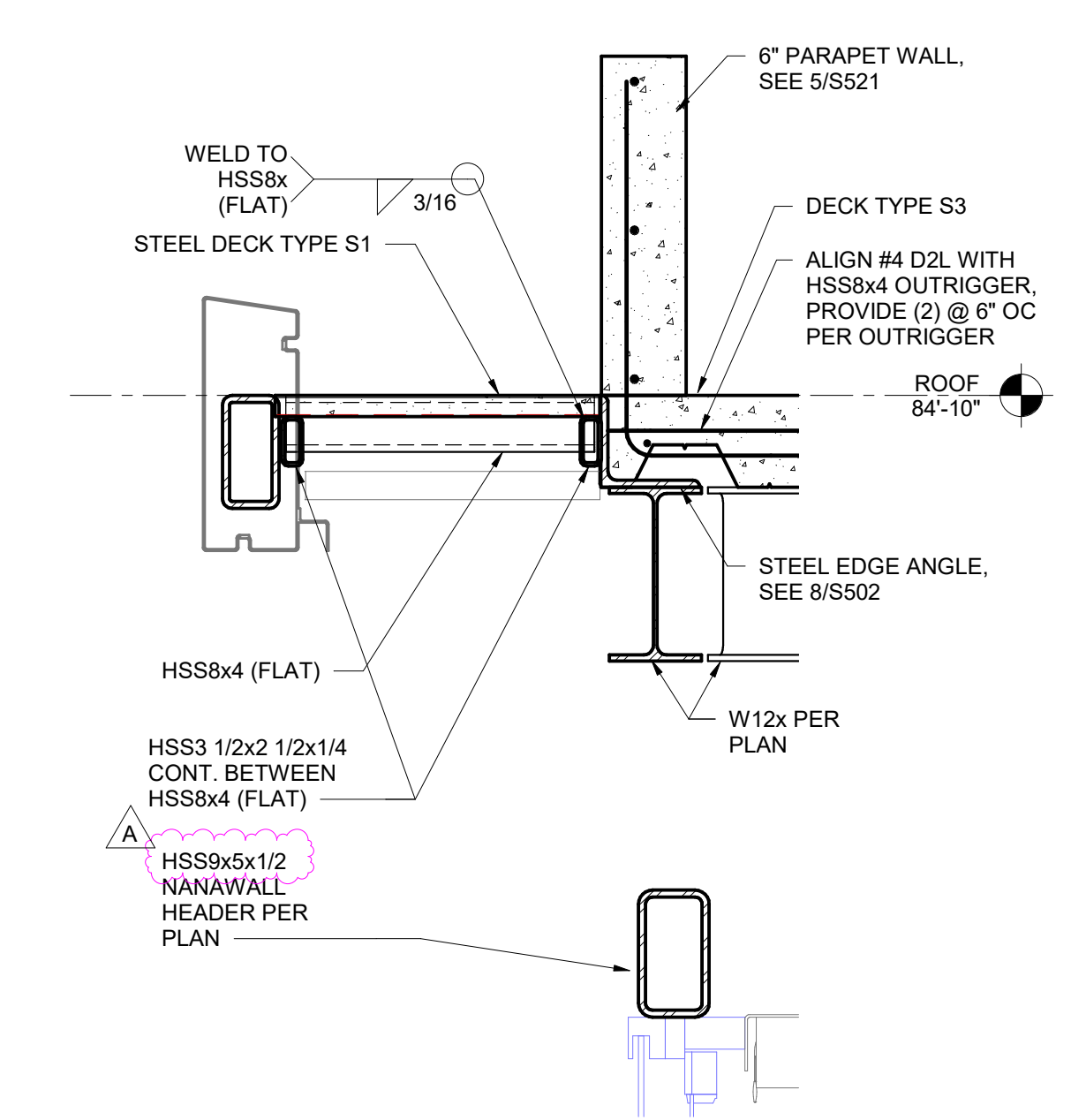
SHEET NUMBER: **S521**



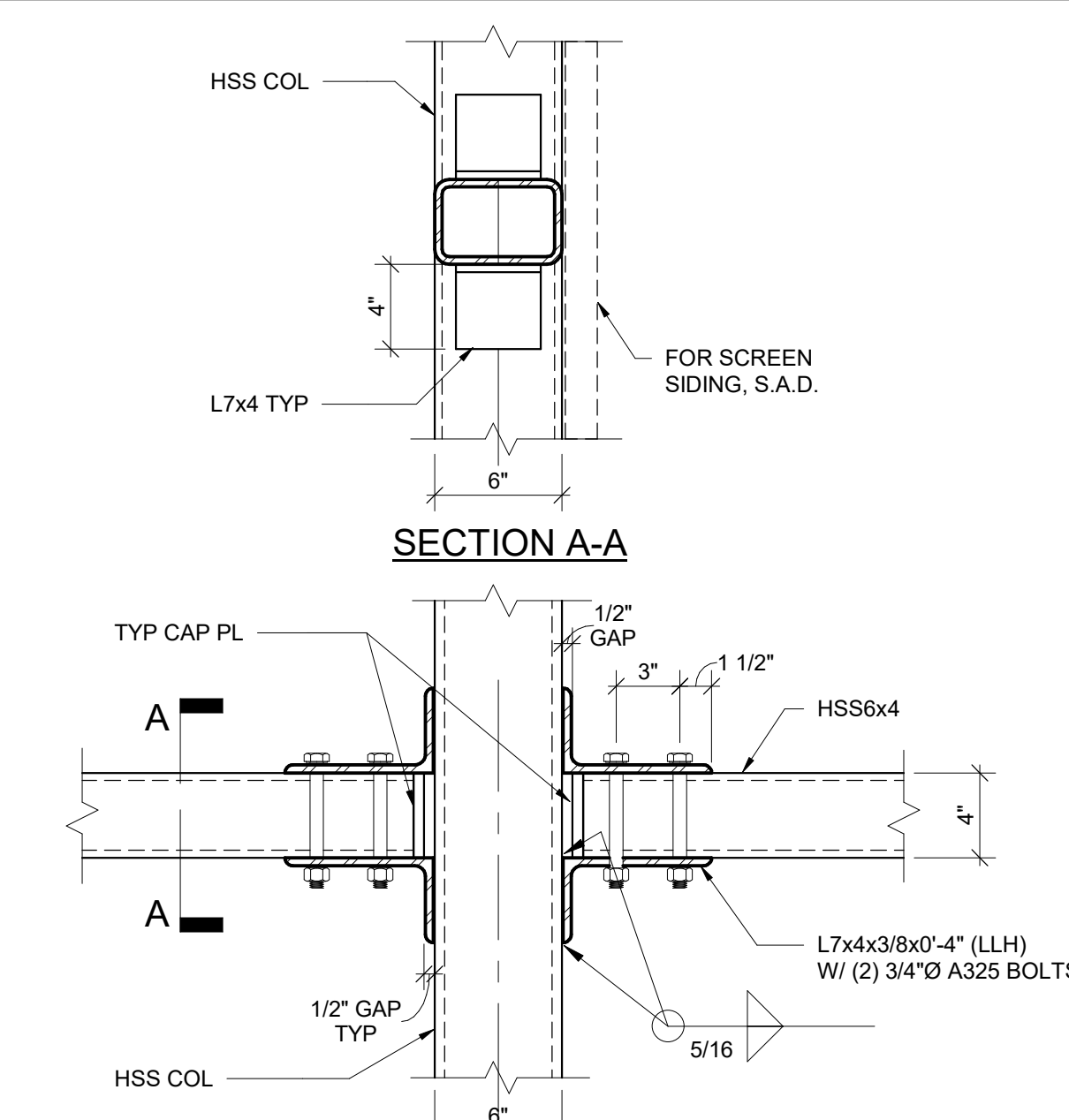
5 PARAPET AND DAVIT DETAIL
3/4\" = 1'-0\"



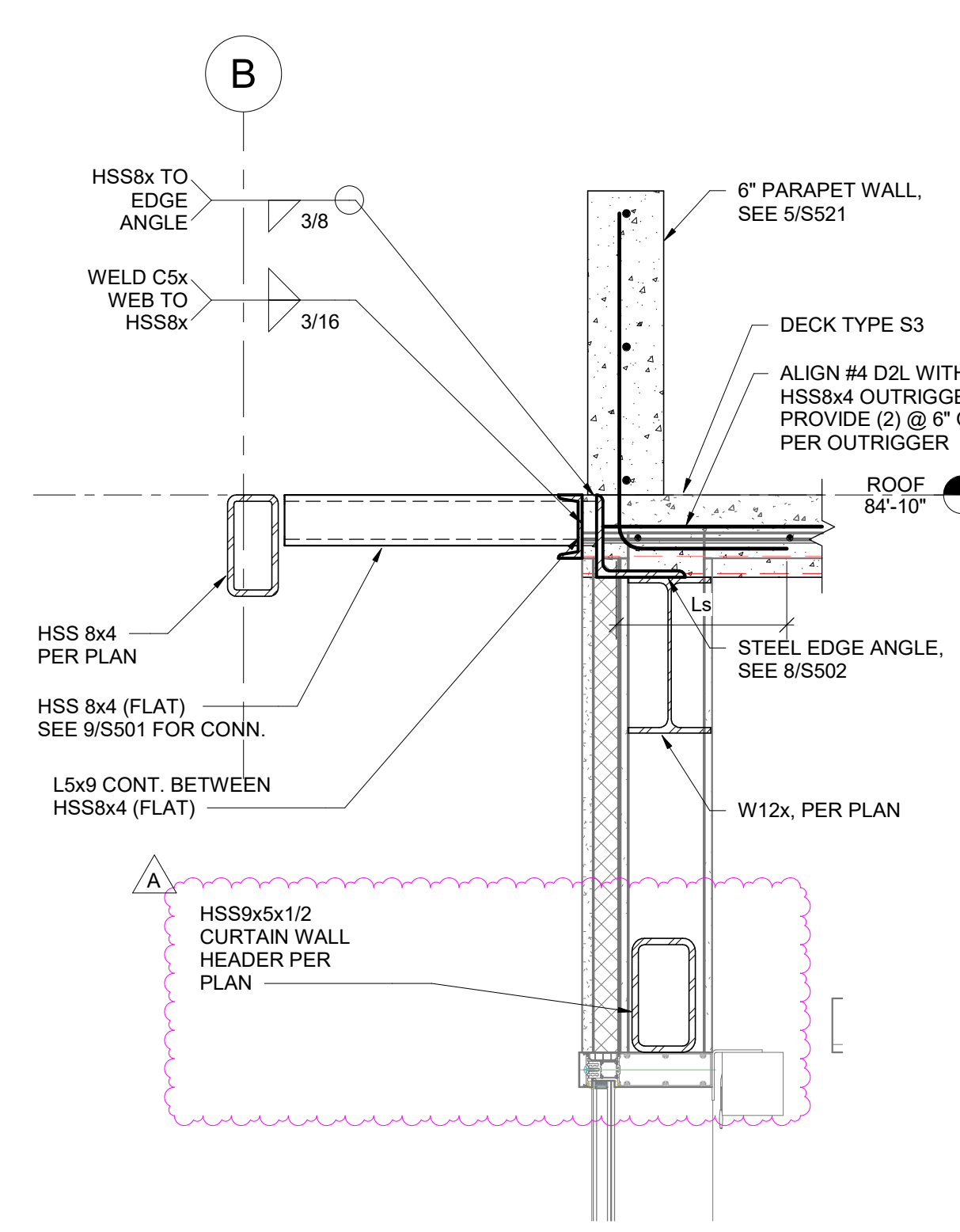
6 TYP. TOP HSS BM TO HSS COLUMN
1 1/2\" = 1'-0\"



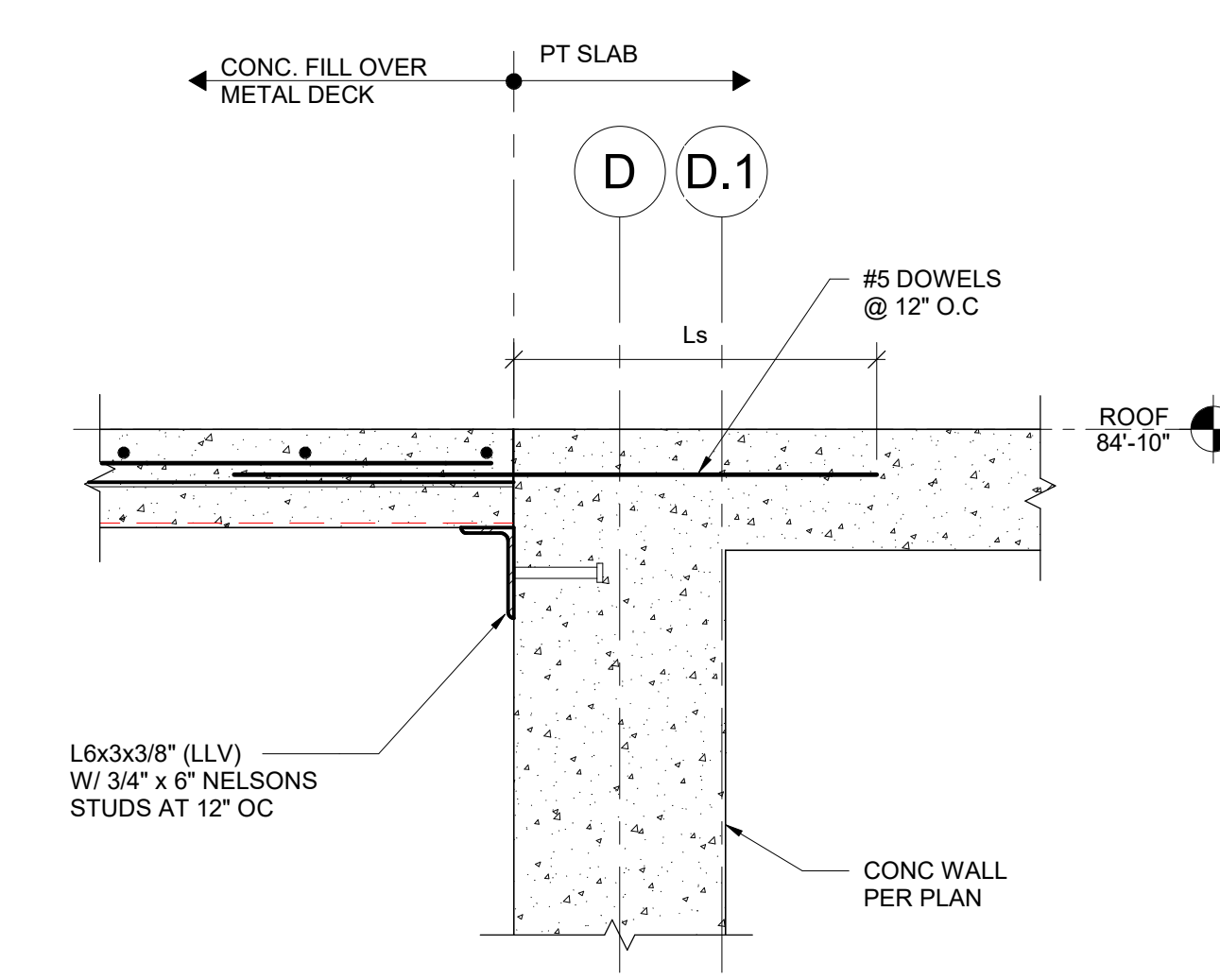
2 OVERHANG AT CONF ROOM ROOF
1\" = 1'-0\"



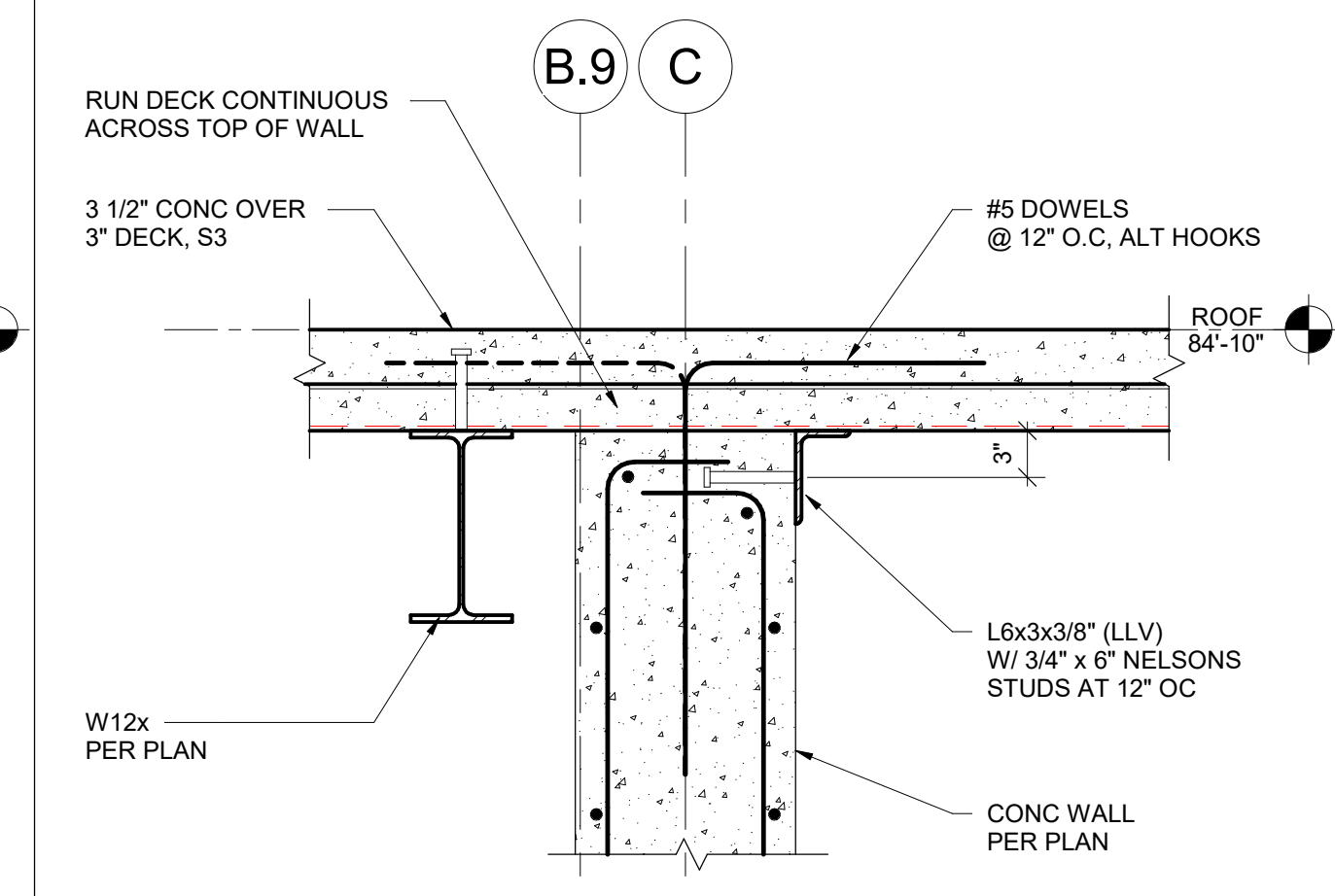
7 TYP. BOTTOM HSS BM TO HSS COLUMN
1 1/2\" = 1'-0\"



4 OVERHANG AT CONF ROOM ROOF
1\" = 1'-0\"



12 METAL DECK AT SHEAR WALL
1\" = 1'-0\"



8 METAL DECK AT SHEAR WALL
1\" = 1'-0\"

D

C

B

A

1

2

3

4

5

06/16/2022 DSA SUBMITTAL

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Structural steel framing members.
- B. Base plates, shear stud connectors and fasteners.
- C. Grouting under base plates.
- D. Post-installed anchors.

1.2 RELATED REQUIREMENTS

- A. Section 05 05 23 - Adhesive And Mechanical Fasteners.
- B. Section 05 31 00 - Steel Decking: Support framing for small openings in deck.

1.3 REFERENCE STANDARDS

- A. AISC 341 - Seismic Provisions for Structural Steel Buildings; 2016 (Revised 2018).
- B. AISC (MAN) - Steel Construction Manual; 2017.
- C. AISC 303 - Code of Standard Practice for Steel Buildings and Bridges; 2016.
- D. AISC 360 - Specification for Structural Steel Buildings; 2016.
- E. ANSI B18.22.1 - Plain Washers; American National Standards Institute; 1965.
- F. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2014.
- G. ASTM A53/A53M - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless; 2020.
- H. ASTM A108 - Standard Specification for Steel Bar, Carbon and Alloy, Cold Finished; 2018.
- I. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2017.
- J. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2016a.
- K. ASTM A193/A193M - Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications; 2020.

- L. ASTM A194/A194M - Standard Specification for Carbon Steel, Alloy Steel, and Stainless Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both; 2020a.
- M. ASTM A276/A276M - Standard Specification for Stainless Steel Bars and Shapes; 2017.
- N. ASTM A307 - Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60 000 PSI Tensile Strength; 2014, with Editorial Revision (2017).
- O. ASTM A500/A500M - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes; 2021.
- P. ASTM A563 - Standard Specification for Carbon and Alloy Steel Nuts; 2015.
- Q. ASTM A563M - Standard Specification for Carbon and Alloy Steel Nuts (Metric); 2007 (Reapproved 2013).
- R. ASTM A572/A572M - Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel; 2018.
- S. ASTM A780/A780M - Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings; 2009 (Reapproved 2015).
- T. ASTM A992/A992M - Standard Specification for Structural Steel Shapes; 2020.
- U. ASTM F3125/F3125M - Standard Specification for High Strength Structural Bolts and Assemblies, Steel and Alloy Steel, Heat Treated, Inch Dimensions 120 ksi and 150 ksi Minimum Tensile Strength, and Metric Dimensions 830 MPa and 1040 MPa Minimum Tensile Strength; 2019, with Editorial Revision (2020).
- V. ASTM F436/F436M - Standard Specification for Hardened Steel Washers Inch and Metric Dimensions; 2019.
- W. ASTM F959/F959M - Standard Specification for Compressible-Washer-Type Direct Tension Indicators for Use with Structural Fasteners, Inch and Metric Series; 2017a.
- X. ASTM F844 - Standard Specification for Washers, Steel, Plain (Flat), Unhardened for General Use; 2019.
- Y. ASTM F1554 - Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength; 2020.
- Z. AWS A2.4 - Standard Symbols for Welding, Brazing, and Nondestructive Examination; 2012.
- AA. AWS B2.1/B2.1M - Specification for Welding Procedure and Performance Qualification; 2014 (Amended 2015).

- AB. AWS D1.1/D1.1M - Structural Welding Code - Steel; 2020.
- AC. AWS D1.8/D1.8M - Structural Welding Code - Seismic Supplement; 2016.
- AD. RCSC (HSBOLT) - Specification for Structural Joints Using High-Strength Bolts; Research Council on Structural Connections; 2014, with Errata (2015).
- AE. UL (FRD) - Fire Resistance Directory; Current Edition.

1.4 DEFINITIONS

- A. Seismic Force Resisting System (SFRS): Members and connections designed to resist seismic forces, including beams, columns, collectors and connections and designated as SFRS on the drawings.

1.5 SUBMITTALS

- A. See Division 1 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings:
 - 1. Indicate grade of steel, profiles, sizes, spacing, lengths and locations of structural members, openings, shop surface treatments, attachments, fasteners, welds, dimensional information, items to be galvanized, and AESS items.
 - 2. Indicate cuts, connections, holes and cambers.
 - 3. Indicate welded connections with AWS A2.4 welding symbols. Indicate size, type and net weld lengths.
 - a. Identify shop and field welds.
 - b. Identify Demand Critical (DC) welds requiring specialty filler metal.
 - 4. Include complete details, schedules, procedures, and diagrams for fabrication and assembly.
 - 5. Do not reproduce construction documents.
 - 6. Other procedures, along with test required to qualify in accordance with AWS Code Section 4.1.1, shall be submitted to testing agency, DSA and Structural Engineer of Record for approval prior to use.
- C. Manufacturer's Product Data: Provide for welding electrodes and filler metals, bolts, nuts, washers, direct tension indicators, couplers, and blind bolts.
 - 1. Identify locations of use for welding electrodes.
 - 2. Provide data indicating capacity of couplers.
 - 3. Provide current ICC-ESR report for blind bolts indicating design capacities and acceptance for use under static and seismic loads.

- D. Manufacturer's Certificate of Conformance: Certify that fasteners, welding electrodes, shear stud connectors, grout, and primer meet or exceed specified requirements.
- E. Mill Test Reports: Indicate structural strength, and other properties required by the ASTM specification, including, destructive test analysis and non-destructive test analysis.
 - 1. Provide for all structural steel, bolts and fasteners, and shear stud connectors.
- F. Welders' Qualification Statement: Welders' certificates in accordance with AWS B2.1/B2.1M and dated no more than 12 months before start of scheduled welding work. Submit for independent agency review.
- G. Welding Procedure Specification (WPS) and, as required, WPS Qualification Records: Submit to Architect and to independent testing agency for review. Submit only for welds applicable to project.
- H. AISC Certification Statement: Certification of the steel fabricator and erector is preferred but not required.
- I. Post-Installed Anchor Product Data: Submit for each type of adhesive and mechanical anchor.

1.6 QUALITY ASSURANCE

- A. Fabricate structural steel members in accordance with AISC "Steel Construction Manual", AISC "Code of Standard Practice for Steel Buildings and Bridges" and AISC 341 "Seismic Provisions for Structural Steel Buildings".
- B. Maintain one copy of each document on site.
- C. Fabricator: Company specializing in performing the work of this section with minimum 5 years of documented experience who participates in the AISC Certification program and is designated and is designated an AISC Certified Plant, Category BU at time of bid.
- D. Welder Qualifications: Welding processes and welding operators qualified in accordance with AWS D1.1/D1.1M and AWS D1.8/D1.8M to perform type of welds required.
- E. Erector: Company specializing in performing the work of this section with minimum 5 years of documented experience who participates in the AISC Certification program and is designated an AISC Certified Erector, Category ACSE.
- F. Welders: Qualified in accordance with AWS D1.1 and AWS D1.8/D1.8M to perform type of welds required.
- G. Fabricator and erector to comply with Quality Control (QC) requirements of Chapter N of AISC 360, Chapter J of AISC 341, and as modified by Chapter 17A of the CBC.

- H. An independent testing agency, as specified in Division 1, is to provide Quality Assurance (QA) tasks per Chapter N of AISC 360, Chapter J of AISC 341, and as modified by Chapter 17A of the CBC.
- I. All testing and inspection shall be in accordance with CBC, Chapter 17A, and Chapter 22A.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site at such intervals to ensure uninterrupted progress of work.
- B. Store materials to permit easy access for inspection and identification.
- C. Store materials supported off the ground.
- D. Protect materials from rust corrosion, keep free of dirt, grease and other foreign matter.

PART 2 - PRODUCTS

2.1 REGULATORY REQUIREMENTS

- A. Conform to UL (FRD) Assembly Design as designated in 07 81 00 - Applied Fire Protection for restrained ratings with no load restrictions.

2.2 MATERIALS

- A. Steel Angles and Channels: ASTM A36/A36M.
- B. Steel W Shapes and Tees: ASTM A992/A992M.
 - 1. Heavy Sections, with flanges 1 1/2 inches thick and thicker. Provide with charpy v-notch values in accordance with AISC 360, Section A3.1c and AISC 341, Chapter A3.3.
- C. Steel Plates: ASTM A36/A36M or ASTM A572/A572M, Grade 50 (345) as indicated on the drawings.
 - 1. Plates 2 inches thick and thicker: Provide with charpy v-notch values in accordance with AISC 360 Section A3.1d and AISC 341, Chapter A3.3.
- D. Cold-Formed Structural Tubing (HSS): ASTM A500/A500M, Grade B.
- E. Pipe: ASTM A53/A53M, Grade B, Finish black.
- F. Stainless Steel Shapes, Plates and Bars: ASTM A276/A276M, Type 304L.
- G. Shear Stud Connectors: Made from ASTM A108 Grade 1010 through 1020 bars and in accordance with AWS D1.1/D1.1M.

- H. Threaded Stud Connectors: Made from ASTM A 108 Grade 1015 bars and in accordance with AWS D1.1/D1.1M.
- I. Machine Bolts and Nuts: Carbon steel, ASTM A307, Grade A, with ASTM A563 nuts.
- J. Bolts, Nuts, and Washers: ASTM F3125/F3125M, Type 1, Grade A325 with matching compatible ASTM A563 or ASTM A563M nuts and ASTM F436/F436M washers.
- K. Coupler: Capacity to meet or exceed ultimate tension capacity of threaded rod being coupled.
- L. Stainless Steel Bolts: ASTM A193/A193M, B8M Class 1.
- M. Anchor Rods / Anchor Bolts: ASTM F1554, Grade 55 with weldable supplement S1, plain, with matching ASTM A563 or ASTM A563M nuts and ASTM F436 Type 1 washers.
- N. All-Thread and Partially Threaded Rod: ASTM A 572/A 572M, Grade 50.
- O. High-Strength All-Thread and Partially Threaded Rod: ASTM A193/A193M, B7 GR105.
- P. Stainless Steel All-Thread and Partially Threaded Rod: ASTM A193/A193M, B8M Class 2.
- Q. Unhardened Flat Washers: ASTM F844 and ANSI B 18.22.1.
- R. Beveled Washers: ASTM F436.
- S. Stainless Steel Washers: ASTM A276/A276M, Type 304.
- T. Stainless Steel Nuts: ASTM A194/A194M, GR8M.
- U. Load Indicator Washers: Permitted for pretensioning of bolts. Provide washers complying with ASTM F959/F959M.
- V. Welding Materials: AWS D1.1/D1.1M; type required for materials being welded.
 - 1. Electrodes to be low hydrogen types E7XTX, E7XTXX or E70XXX as applicable.
 - 2. At the following locations, electrodes to meet the requirements of AWS D1.8/D1.8M, Clause 6.3.1 through 6.3.8, with Charpy V-Notch (CVN) test values of a minimum 20 foot-pounds at 0 degrees fahrenheit and 40 foot-pounds at 70 degrees fahrenheit. Where service temperatures are expected to be below 50 degrees fahrenheit Where service temperatures are expected to be below 50 degrees fahrenheit, including unconditioned penthouses, unconditioned spaces and exterior framing, electrodes to meet the CVN properties per Clause 6.3.6.
 - a. Welds of the Seismic Force Resisting System (SFRS) and Demand Critical (DC) welds as indicated on drawings and occurring at:

- 1) Complete penetration welds
 - 2) Beam to column moment connections: Including flange, web, doubler plates, base plates, and continuity plate fillet and partial joint penetration welds.
- W. Grout: ASTM C1107/C1107M; Non-shrink; premixed compound consisting of non-metallic aggregate, cement, water reducing and plasticizing agents.
1. Minimum Compressive Strength at 48 Hours: 2,000 pounds per square inch.
 2. Minimum Compressive Strength at 28 Days: 7,000 pounds per square inch.
- X. Shop and Touch-Up Primer: Fabricator's standard, complying with VOC limitations of authorities having jurisdiction. Primer to be compatible with finish materials.
- Y. Touch-Up Primer for Galvanized Surfaces: Fabricator's standard, complying with VOC limitations of authorities having jurisdiction. Primer to be compatible with finish materials.

2.3 FABRICATION

- A. Shop fabricate to greatest extent possible.
- B. Provide camber for beams and girders as indicated on the drawings.
1. Provide natural camber up, unless otherwise noted, except at cantilevers. At cantilevers provide camber such that tip of cantilever is above final elevation.
- C. Where weld size not noted in symbol, provide weld size (E) minimum per AWS prequalified welded joints.
- D. At exterior painted assemblies provide seal welding of edges of all overlapping or contacting surfaces of parts.
- E. At galvanized assemblies:
1. Provide seal welding of edges of all overlapping or contacting surfaces of parts.
 2. Provide vent holes as required. Submit locations for review and approval.

2.4 FINISH

- A. Prepare structural component surfaces in accordance with SSPC SP -1 and SP-2 or Sp-3, in accordance with paint manufacturer's recommendations.
- B. Shop prime structural steel members in accordance with manufacturer's instructions. Do not prime surfaces that will be fireproofed, field welded, in contact with concrete, galvanized, or at faying surfaces of slip critical bolted connections.

- C. Faying Surfaces of Slip Critical Joints: Provide Class A typical and Class C at hot-dip galvanized surfaces, in accordance with RCSC (HSBOLT) "Specification for Structural Joints Using ASTM A325 or A490 Bolts". Slip critical joints identified as "SC" on the drawings.
- D. Galvanize structural steel members to comply with ASTM A123/A123M.
- E. Hot-dip galvanized ASTM F1554 rods to be in accordance with ASTM F2329.
- F. Fasteners exposed to exterior to have galvanized finish per ASTM A153/A153M.

2.5 SOURCE QUALITY CONTROL

- A. An independent testing agency will perform source Quality Assurance (QA) and testing and inspections per this section, as specified in Division 1.
- B. Fabricator is to provide source Quality Control (QC) as required by the standards specified in this section.
- C. Material Verification: Verify materials in accordance with the California Building Code Section 1705.A, AISC 360 Section N5 and AISC 341 Section J6.
- D. Welded Connections and Procedures: Provide review, visual inspection and non-destructive testing in accordance with the California Building Code Section 1705, AISC 360 Section N5.4 and N5.5 and AISC 341 Section J6.
- E. Stud Connections: Provide testing and inspection of welded stud connections in accordance with AWS D1.1/D1.1M Clause 7.
- F. Test and inspect High Strength Bolts and installation in accordance with CBC Section 1704A.3.3 and 2213A.1.
- G. Test end weld studs in accordance with CBC Section 2213A.2.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that conditions are appropriate for erection of structural steel and that the work may properly proceed.

3.2 ERECTION

- A. Erect structural steel in compliance with AISC 303.
- B. Allow for erection loads and provide sufficient temporary bracing to maintain structure in safe condition, plumb, and in true alignment until completion of erection and installation of permanent bracing.

- C. Coordinate work and cooperate with independent testing agency to allow all tests and inspection procedures to be properly provided.
 - D. Provide anchor rods, nuts, plate washers and 1/8 inch thick minimum anchor bolt setting templates as required by work of other sections.
 - E. Install bolts in accordance with RCSC "Specification for Structural Joints Using High-Strength Bolts" as follows:
 - 1. Bolted connections: Pretensioned, unless otherwise noted.
 - 2. Slip Critical: Pretensioned with specified faying surface, where noted on the drawings.
 - 3. Bolts installed through HSS members (outside face to outside face): Snug tightened.
 - 4. Bolts installed in long-slotted holes: Finger-tight and double-nut or mar threads to prevent backoff of nut. Provide 0 to 1/16 inch max gap between plies of joint, not fully tightened, to allow movement in the connection.
 - F. Provide beveled washers under bolt heads or nuts resting on surfaces exceeding 5 percent slope relative to the head or nut.
 - G. Perform welding in accordance with AWS D1.1/D1.1M, AWS D1.8/D1.8M and AISC 341.
 - H. Weld shear stud connectors in accordance with AWS D1.1/D1.1M and the manufacturer's instructions.
 - I. Do not field cut or alter structural members without approval of Architect.
 - J. After erection, prime welds, abrasions, and surfaces not shop primed, except surfaces to be in contact with concrete.
 - K. Repair galvanized steel in accordance with ASTM A780/A780M.
 - L. Grout solidly between column plates and bearing surfaces, complying with manufacturer's instructions for nonshrink grout. Trowel grouted surfaces smooth, splaying neatly to 45 degrees.
- 3.3 TOLERANCES
- A. Comply with the AISC S303 "Code of Standard Practice for Steel Buildings and Bridges"
- 3.4 FIELD QUALITY CONTROL
- A. An independent testing agency will perform field Quality Assurance (QA) and tests and inspections per this section, as specified in Division 1.

- B. Erector is to provide field Quality Control (QC) as required by the standards specified in this section.
- C. Bolts: Provide special inspection in accordance with the California Building Code Section 1705, AISC 360 Section N5.6 and AISC 341 Section J7.
- D. Welded Connections and Procedures: Provide review, visual inspection and non-destructive testing in accordance with the California Building Code Section 1705, AISC 360 Section N5.4 and N5.5, and AISC 341 Section J6.
- E. Stud Connectors: Provide inspection and testing of stud connectors in accordance with AWS D1.1/D1.1M, Clause 7.
- F. Grout: Review mixing of grout under base plates and sample using four 2-inch mortar cubes. Test for ultimate compressive strength at 1, 7 and 28 days after placing and hold the fourth cube until the end of the project. Sample one set minimum for each day that grout is placed.

3.5 TESTING & INSPECTION FOR STRUCTURAL STEEL

- A. Test and inspect High Strength Bolts and installation in accordance with CBC Section 1704A.2.5 and 2213A.1.
- B. Test end weld studs in accordance with CBC Section 2213A.2.
- C. Inspect welding in accordance with CBC Section 1705A.2 and 2204A.1. Welding shall be done under supervision of recognized testing laboratory by qualified Inspector approved by DSA, who will furnish Architect, Structural Engineer and DSA with report, duly verified by both Inspector and Laboratory, that the welding is adequate and has been done in conformity with Drawings and Specifications and that Laboratory has used every means necessary to determine quality of weld. Testing Laboratory may use gamma ray, magnaflux, trepanning, or other non-destructive aid to visual inspection which it deems necessary to assure itself of adequacy of welding. Every layer of weld shall be inspected for quality and every welded joint shall be inspected for quality and every welded joint shall be inspected for agreement with Drawings.
- D. Inspect shop fabrication of steel trusses and steel braced frames in accordance with CBC Section 1704A.3. The Inspector shall furnish the Architect, Structural Engineer and the Division of the State Architect a report that the materials and workmanship conform to the approved plans and specifications.
- E. Shop Welding Inspection
 - 1. Testing Agency shall inspect and certify all structural welds, unless the fabricating shop has been accredited in conformance with CBC requirements. Submit certification to the Architect/Engineer for review and the Building Official for approval.

2. Welder Qualifications: Welding inspector shall verify that all the welders are properly qualified prior to steel fabrication and state the qualifications of each welder in the welding inspection report.
3. Welding Inspection: Continuous inspection required unless otherwise noted below. Comply with requirements of AWS D1.1
 - a. Welding Inspector shall check all welds, materials, equipment and procedures.
 - b. Welding Inspector shall provide reports certifying the welding is as required and has been done in conformity with the plans, specifications and codes.
 - c. Welding Inspector shall use radiographic, ultrasonic, magnetic particle, or any other necessary aid to visual inspection to assure adequacy of welds.
4. Periodic Inspection Acceptable:
 - a. Single pass fillet welds not exceeding 5/16.
 - b. Welding of studs to beams.

END OF SECTION