



Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 3 TO PROJECT NO. 47528

CONSTRUCTION WORK PROVIDE TESTING LABORATORY, BUILDING 14 DOT REGION 1, ALBANY COUNTY STATE OFFICE BUILDING CAMPUS ALBANY, NY

March 27, 2026

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS

1. DOCUMENT 001117 ADVERTISEMENT FOR BIDS PLA: The last date for receipt of bids is changed from Wednesday, April 15, 2026, to Wednesday, April 29, 2026.

CONTRACTING REQUIREMENTS

2. DOCUMENT 007310 SUPPLEMENTARY CONDITIONS - CONTRACTOR'S SUPERVISION, Paragraph 6.1, Add the following subparagraph:
"6.1.5 For contracts awarded for more than \$100,000,000, in addition to the requirements of Article 6.1.4, the contractor shall provide a dedicated full-time Superintendent for the General Construction work and a dedicated full-time Superintendent for the MEP work (Mechanical, Electrical, Plumbing and Fire Protection). Each superintendent shall be in attendance at the site throughout the active performance of the work."

DRAWINGS

3. Revised Drawings:
 - a. Drawing Nos. C-102, C-103, C-105, C-106, C-301, S-103B, S-303, S-304, S-520, A-200, A-201, A-202, A-203, A-204, A-205, A-206, A-207, A-337, A-339, A-401, A-607, A-609, F-001, F-501, E-401, E-502, E-612, E-613, E-621, E-665, E-666, E-710, noted ADDENDUM 3 dated 03/25/26, accompanies this Addendum and supersedes the same numbered previously issued drawing.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction

Updated 05/24/2018
Printed 03/27/2026



LEGEND

	REMOVAL OF EXISTING FEATURE(S)
	SAWCUT LINE
	LIMIT OF WORK
	STRUCTURE REMOVAL
	INDIVIDUAL STUMP REMOVAL, CLEARING AND GRUBBING
	TREE REMOVAL, CLEARING AND GRUBBING
	STUMP REMOVAL, CLEARING AND GRUBBING
	FULL DEPTH PAVEMENT REMOVAL

- NOTES:**
- FULL DEPTH PAVEMENT REMOVAL INCLUDES ASPHALT, SUBBASE AND FABRIC REMOVAL DOWN TO SUBGRADE.
 - REFER TO ELECTRICAL PLANS FOR TEMPORARY LIGHTING, FULL EXTENT OF ELECTRICAL REMOVALS AND NOTES REGARDING ELECTRICAL REMOVALS.
 - SITE TO BE STRIPPED OF TOPSOIL. EXCESS TOPSOIL SHALL BECOME CONTRACTOR'S PROPERTY AND REMOVED FROM THIS SITE. LOCATION OF STOCKPILES TOPSOIL SHALL BE COORDINATED WITH DIRECTOR'S REPRESENTATIVE.
 - CONTRACTOR TO PERFORM TEST PITS TO LOCATE THE STEAM LINES AT ANY POTENTIAL CONFLICT LOCATION PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO DIRECTOR'S REPRESENTATIVE.
 - GRANITE CURB TO BE REMOVED AS SHOWN. ALL EXISTING CONCRETE BACKING TO BE FULLY REMOVED PRIOR TO RESETTING. CURB BROKEN OR DAMAGED DURING REMOVAL SHALL BE REPLACED AT THE DIRECTOR'S REPRESENTATIVE'S DISCRETION AT NO ADDITIONAL COST TO THE OWNER.
 - ALL MATERIALS SHALL BE DISPOSED OF OFF SITE USING STABILIZED CONSTRUCTION ACCESS LOCATIONS SHOWN ON EROSION & SEDIMENT CONTROL & STAGING PLANS.
 - DEMOLITION AND REMOVAL OF THE LOT Y STORM SYSTEM IS TO BE COORDINATED WITH GEOTHERMAL INSTALLATION. CONTRACTOR TO COORDINATE WITH DIRECTOR'S REPRESENTATIVE.

UNIFORM CODE STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, IS ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



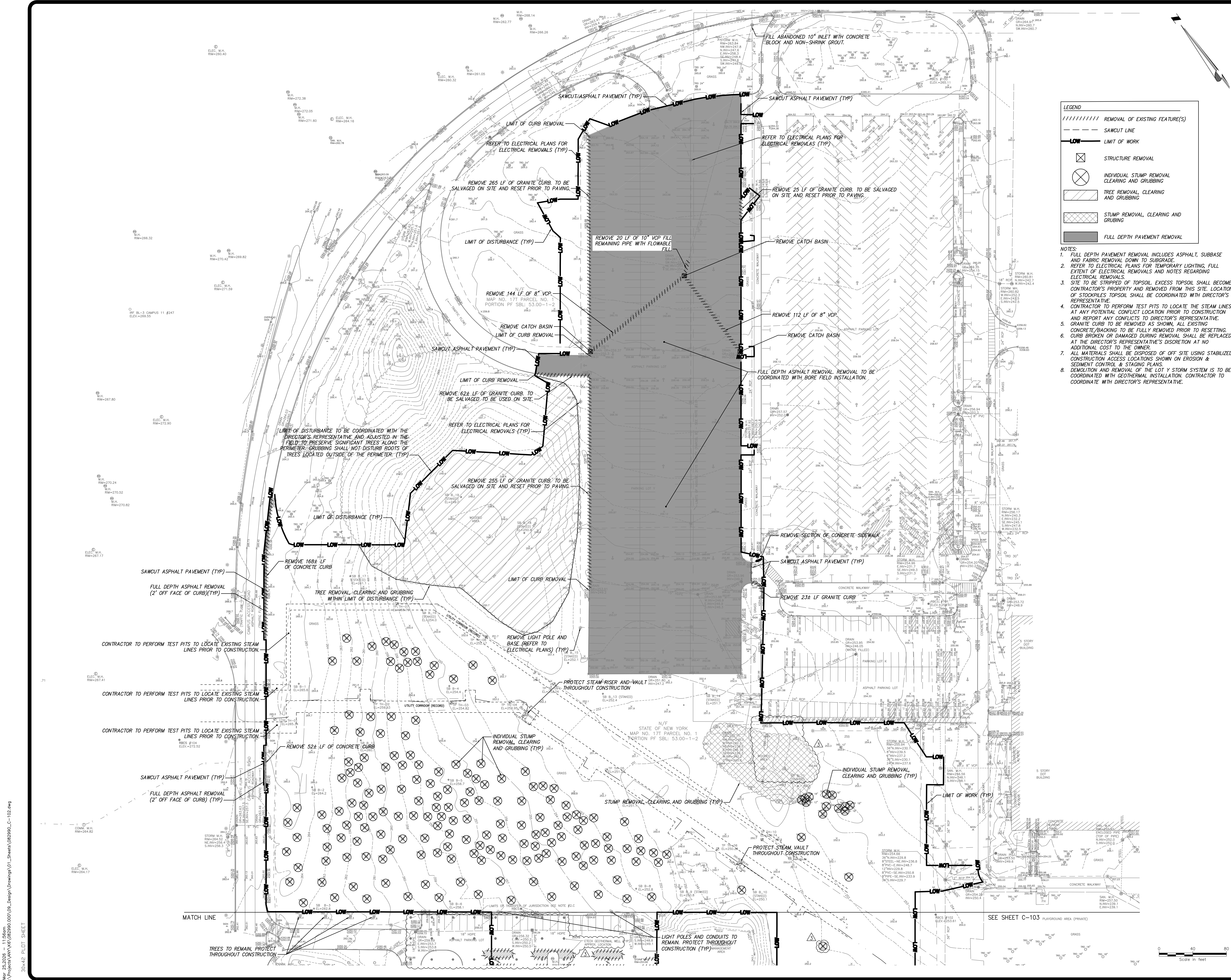
CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

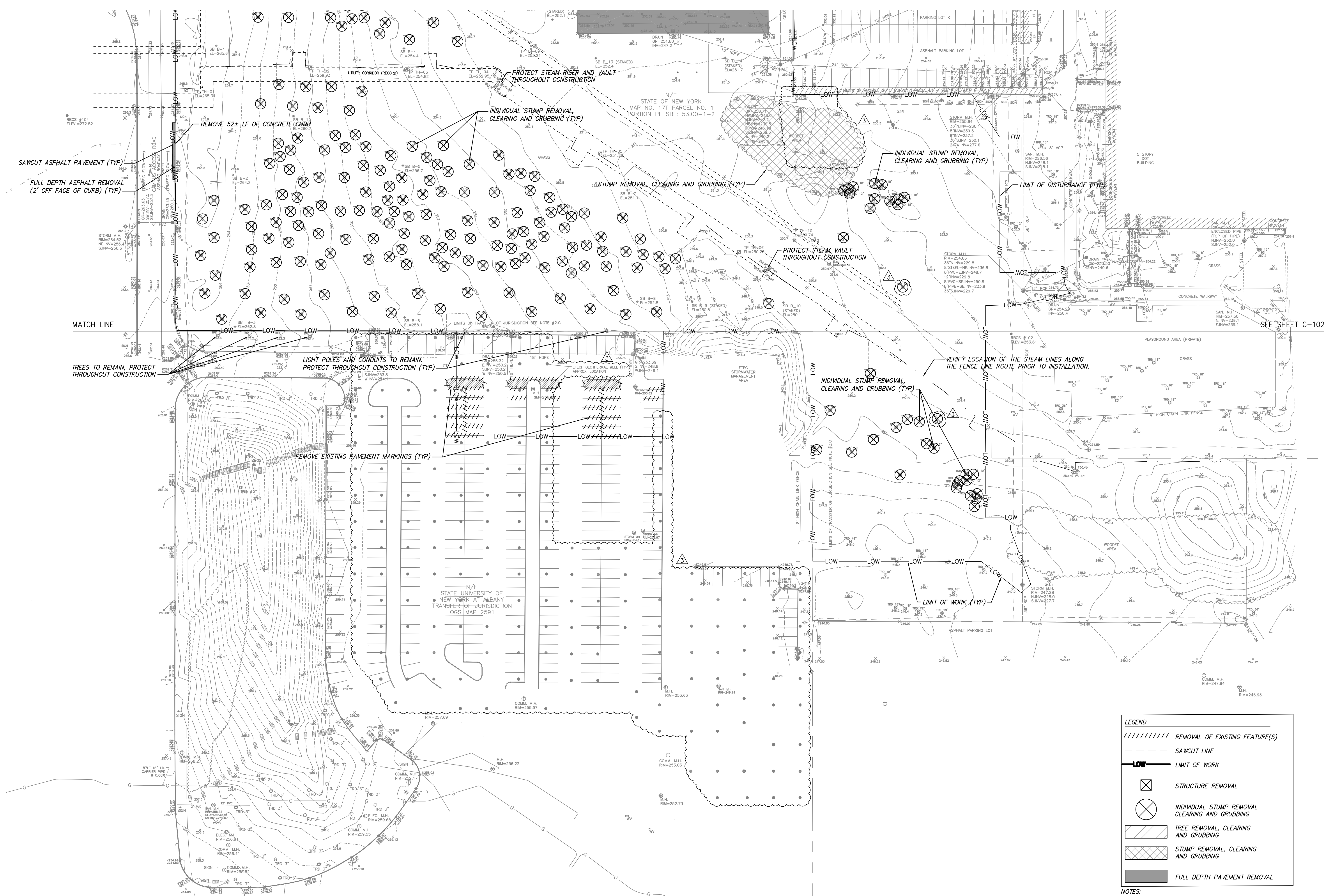
CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT
PROJECT NUMBER:	47528-C	
DESIGNED BY:	JEC	
DRAWN BY:	JEC	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	SITE DEMOLITION AND REMOVALS PLAN	
DRAWING NUMBER:	C-102	
SHEET:	OF	



Mar 25 2026 11:56am
 V:\Projects\NY State\25250.000\09_Design\Drawings\01_Sheets\02\900_C-102.dwg
 30442 PLDT SHEET

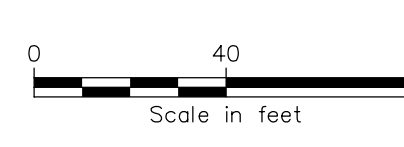




LEGEND

//////	REMOVAL OF EXISTING FEATURE(S)
---	SAWCUT LINE
LOW	LIMIT OF WORK
⊗	STRUCTURE REMOVAL
⊗	INDIVIDUAL STUMP REMOVAL CLEARING AND GRUBBING
▨	TREE REMOVAL CLEARING AND GRUBBING
▩	STUMP REMOVAL CLEARING AND GRUBBING
■	FULL DEPTH PAVEMENT REMOVAL

- NOTES:**
- REFER TO E PLANS FOR ADDITIONAL REMOVALS AND NOTES REGARDING ELECTRICAL REMOVALS.
 - SITE TO BE STRIPPED OF TOPSOIL. EXCESS TOPSOIL SHALL BECOME CONTRACTOR'S PROPERTY AND REMOVED FROM THE SITE. LOCATION OF STOCKPILES TOPSOIL SHALL BE COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE.
 - CONTRACTOR TO PERFORM TEST PITS TO LOCATE THE STEAM LINES AT ANY POTENTIAL CONFLICT LOCATION PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO DIRECTOR'S REPRESENTATIVE.
 - ETECH PAVEMENT MARKINGS WITHIN THE WORK AREA SHALL BE REMOVED FOR THE DURATION OF CONSTRUCTION.
 - ALL REMOVED PAVEMENT MARKINGS ON ETECH PROPERTY TO BE REPLACED ONCE TEMPORARY FENCING IS REMOVED.
 - ALL MATERIALS SHALL BE DISPOSED OF OFF SITE USING STABILIZED CONSTRUCTION SHOWN ON EROSION & SEDIMENT CONTROL & STAGING PLAN.



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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

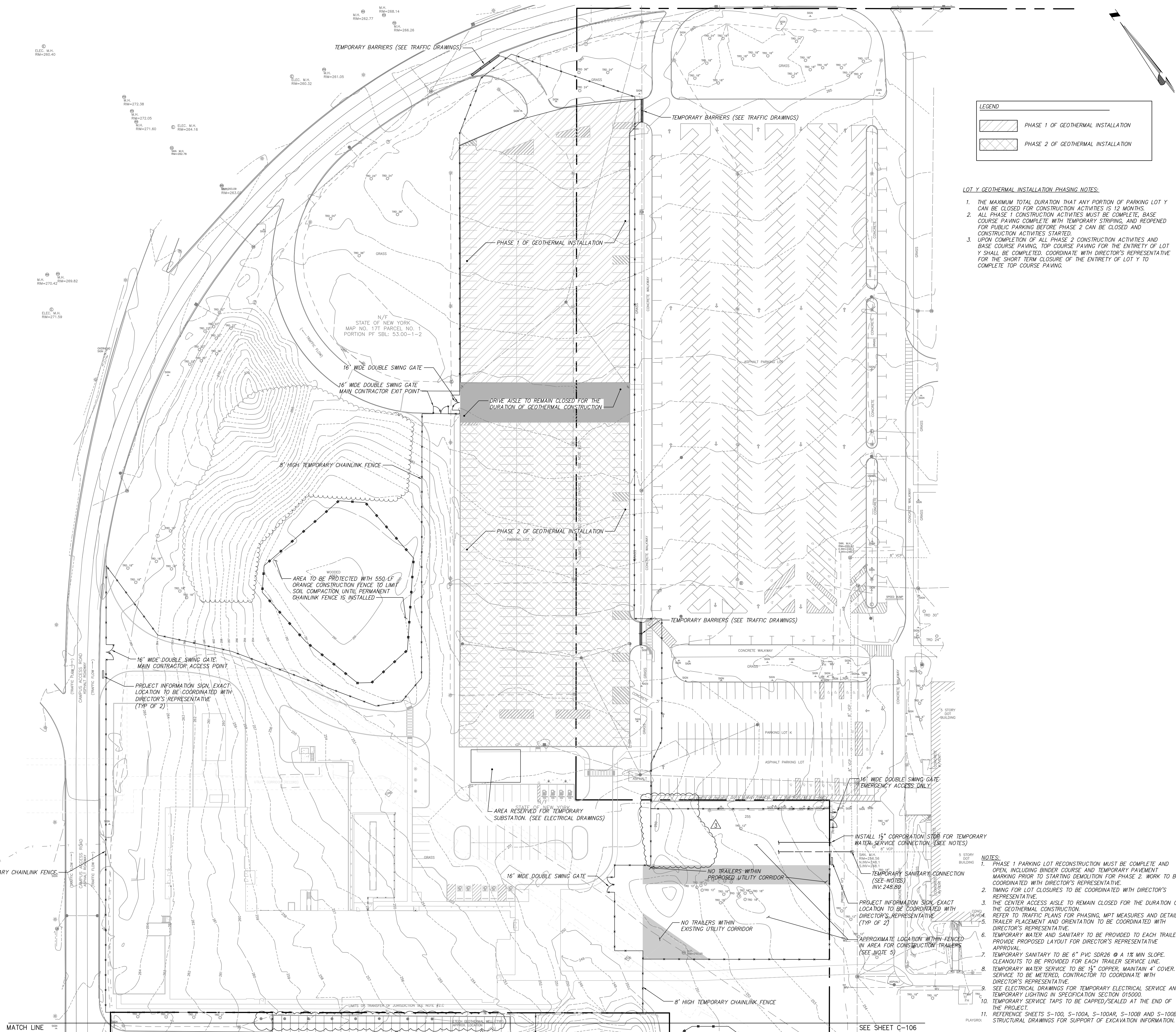
CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT
PROJECT NUMBER:	47528-C	
DESIGNED BY:	JEC	
DRAWN BY:	JEC	
FIELD CHECK:		
APPROVED:		

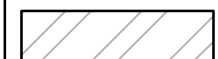

SITE DEMOLITION AND REMOVALS PLAN

DRAWING NUMBER: C-103
SHEET: OF

Mar 25, 2025 - 12:08pm
 V:\Projects\NY State\25000.000\09_Design\Drawings\01_Site\Sheet\25000_C-105.dwg
 30442_PLOT_SHEET



LEGEND

 PHASE 1 OF GEOTHERMAL INSTALLATION
 PHASE 2 OF GEOTHERMAL INSTALLATION

- LOT Y GEOTHERMAL INSTALLATION PHASING NOTES:**
1. THE MAXIMUM TOTAL DURATION THAT ANY PORTION OF PARKING LOT Y CAN BE CLOSED FOR CONSTRUCTION ACTIVITIES IS 12 MONTHS.
 2. ALL PHASE 1 CONSTRUCTION ACTIVITIES MUST BE COMPLETE, BASE COURSE PAVING COMPLETE WITH TEMPORARY STRIPING, AND REOPENED FOR PUBLIC PARKING BEFORE PHASE 2 CAN BE CLOSED AND CONSTRUCTION ACTIVITIES STARTED.
 3. UPON COMPLETION OF ALL PHASE 2 CONSTRUCTION ACTIVITIES AND BASE COURSE PAVING, TOP COURSE PAVING FOR THE ENTIRETY OF LOT Y SHALL BE COMPLETED. COORDINATE WITH DIRECTOR'S REPRESENTATIVE FOR THE SHORT TERM CLOSURE OF THE ENTIRETY OF LOT Y TO COMPLETE TOP COURSE PAVING.

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CONTRACT: CONSTRUCTION

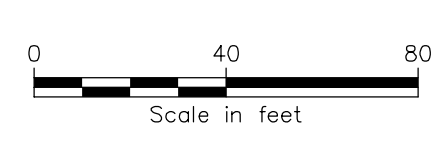
TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

- NOTES:**
1. PHASE 1 PARKING LOT RECONSTRUCTION MUST BE COMPLETE AND OPEN, INCLUDING BINDER COURSE AND TEMPORARY PAVEMENT MARKING PRIOR TO STARTING DEMOLITION FOR PHASE 2. WORK TO BE COORDINATED WITH DIRECTOR'S REPRESENTATIVE.
 2. TIMING FOR LOT CLOSURES TO BE COORDINATED WITH DIRECTOR'S REPRESENTATIVE.
 3. THE CENTER ACCESS AISLE TO REMAIN CLOSED FOR THE DURATION OF THE GEOTHERMAL CONSTRUCTION.
 4. REFER TO TRAFFIC PLANS FOR PHASING, MPT MEASURES AND DETAILS. TRAILER PLACEMENT AND ORIENTATION TO BE COORDINATED WITH DIRECTOR'S REPRESENTATIVE.
 5. TEMPORARY WATER AND SANITARY TO BE PROVIDED TO EACH TRAILER. PROVIDE PROPOSED LAYOUT FOR DIRECTOR'S REPRESENTATIVE APPROVAL.
 6. TEMPORARY SANITARY TO BE 6" PVC SDR26 @ A 1% MIN. SLOPE. CLEANOUTS TO BE PROVIDED FOR EACH TRAILER SERVICE LINE.
 7. TEMPORARY WATER SERVICE TO BE 1" COPPER, MAINTAIN 4" COVER. SERVICE TO BE METERED, CONTRACTOR TO COORDINATE WITH DIRECTOR'S REPRESENTATIVE.
 8. SEE ELECTRICAL DRAWINGS FOR TEMPORARY ELECTRICAL SERVICE AND TEMPORARY LIGHTING IN SPECIFICATION SECTION 015000.
 9. TEMPORARY SERVICE TAPS TO BE CAPPED/SEALED AT THE END OF THE PROJECT.
 10. TEMPORARY SERVICE TAPS TO BE CAPPED/SEALED AT THE END OF THE PROJECT.
 11. REFERENCE SHEETS S-100, S-100A, S-100B, S-100C AND S-100D FOR STRUCTURAL DRAWINGS FOR SUPPORT OF EXCAVATION INFORMATION.

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT
PROJECT NUMBER:	47528-C	
DESIGNED BY:	JEC	
DRAWN BY:	JEC	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	PHASING, SITE LOGISTICS AND STAGING AREA PLAN	
DRAWING NUMBER:	C-105	
SHEET:	OF	



MATCH LINE

SEE SHEET C-106



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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER:		47528-C
DESIGNED BY:	JEC	
DRAWN BY:	JEC	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:		

3 03/25/26 ADDENDUM 3

01/13/26 BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: JEC

DRAWN BY: JEC

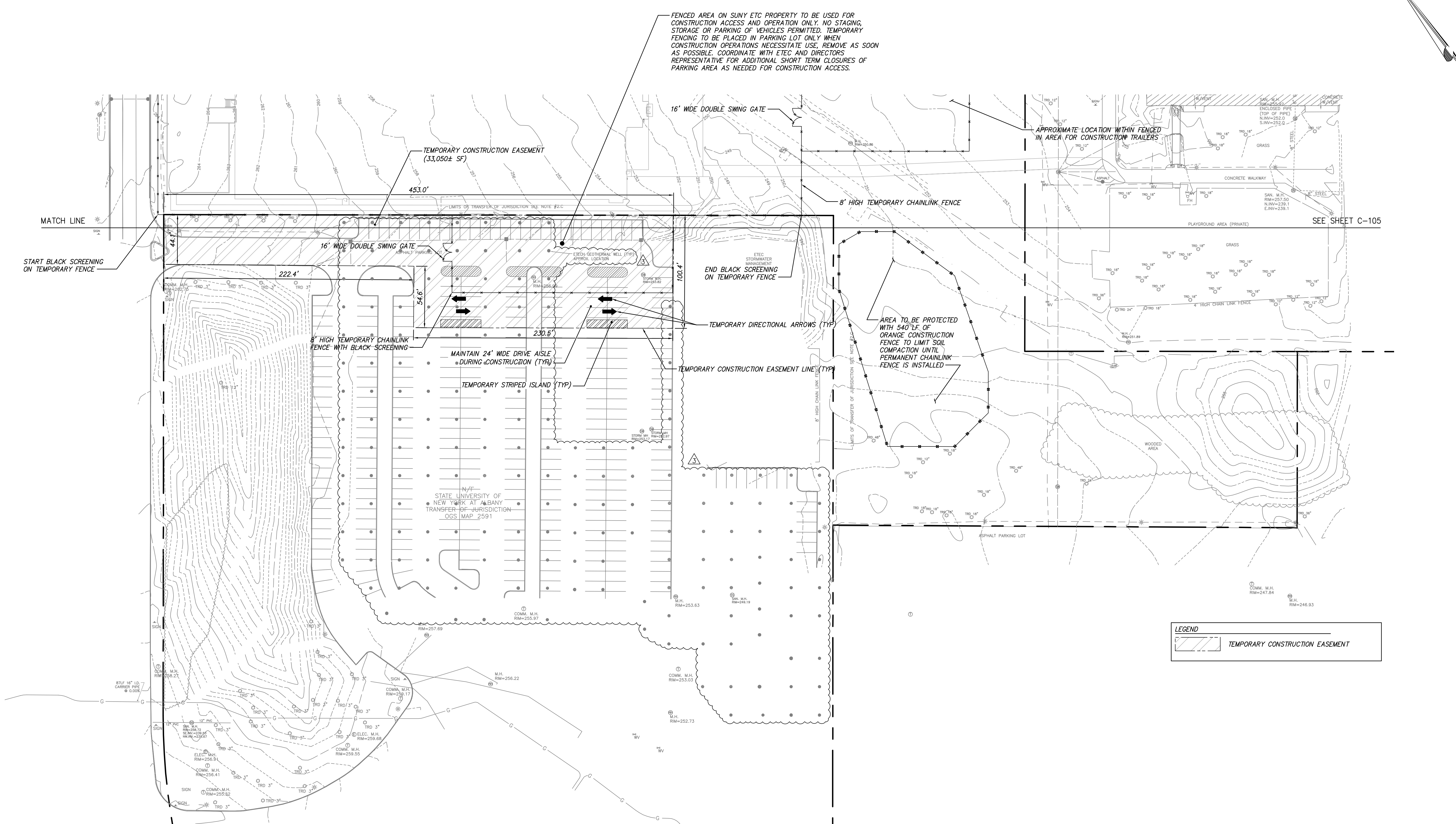
FIELD CHECK:

APPROVED:

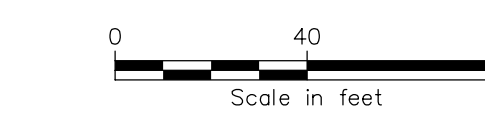
SHEET TITLE: SITE LOGISTICS AND STAGING AREA PLAN

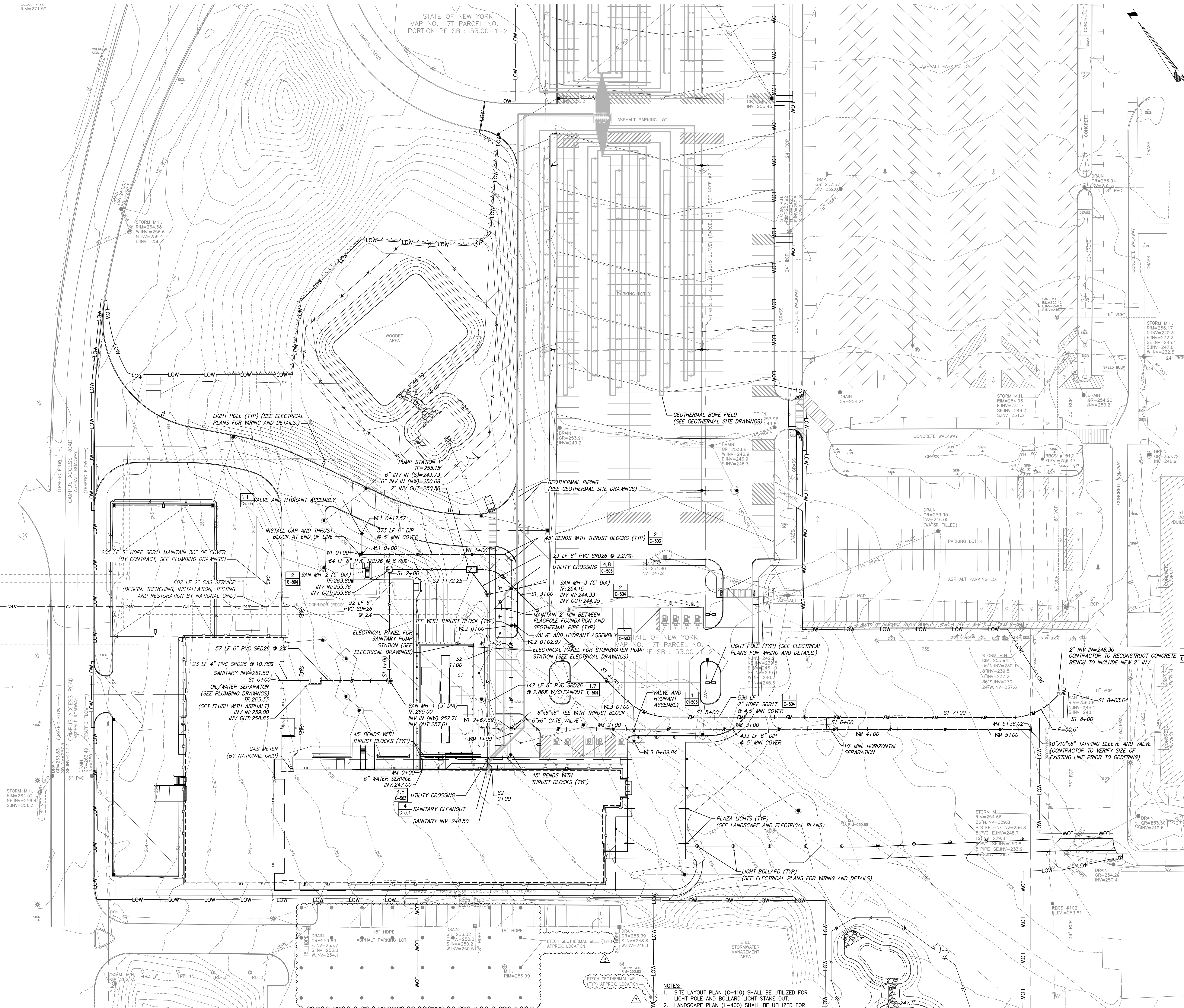
DRAWING NUMBER: C-106

SHEET: OF



- NOTES:
- TEMPORARY PAVEMENT MARKINGS TO BE INSTALLED AS SHOWN IN THE ETECH PARKING LOT.
 - TEMPORARY PAVEMENT MARKINGS WITHIN ETECH LOT TO BE REMOVED ONCE TEMPORARY FENCING IS REMOVED.
 - PERMANENT PAVEMENT MARKINGS TO BE INSTALLED TO MATCH EXISTING ONCE TEMPORARY MARKINGS HAVE BEEN REMOVED.
 - REFERENCE SHEETS S-100, S-100A, S-100AR, S-100B AND S-100BR STRUCTURAL DRAWINGS FOR SUPPORT OF EXCAVATION INFORMATION.





- NOTES:**
1. SITE LAYOUT PLAN (C-110) SHALL BE UTILIZED FOR LIGHT POLE AND BOLLARD LIGHT STAKE OUT.
 2. LANDSCAPE PLAN (L-400) SHALL BE UTILIZED FOR PLAZA LIGHTING LOCATIONS.
 3. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL WIRE ROUTING AND DETAILS.
 4. SEE ELECTRICAL AND STRUCTURAL DRAWINGS FOR ELECTRICAL VAULT INFORMATION.

Scale in feet
 0 30 60



CONSULTANT:
 CERTIFICATE OF AUTHORIZATION #: 0021745

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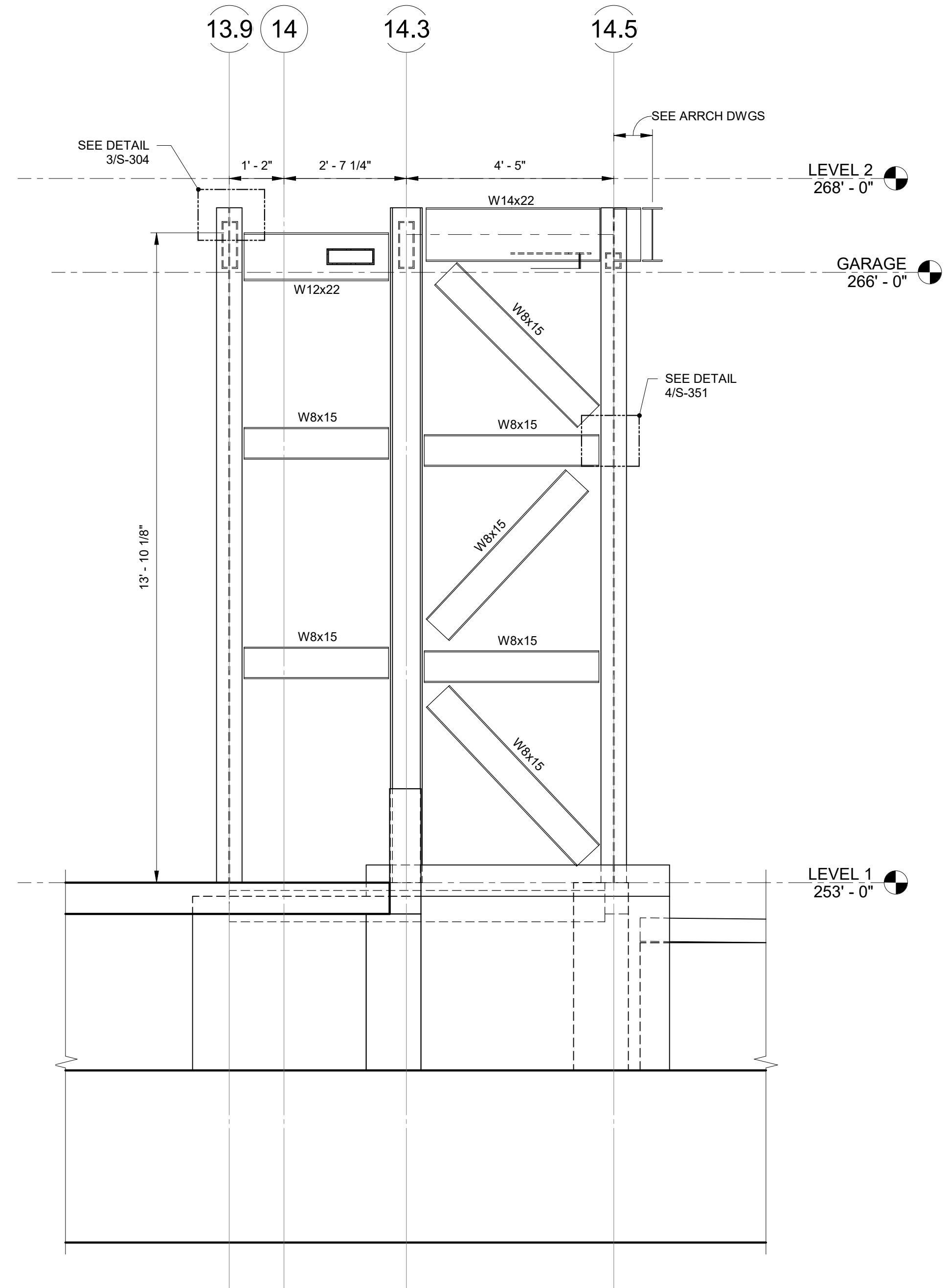
CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

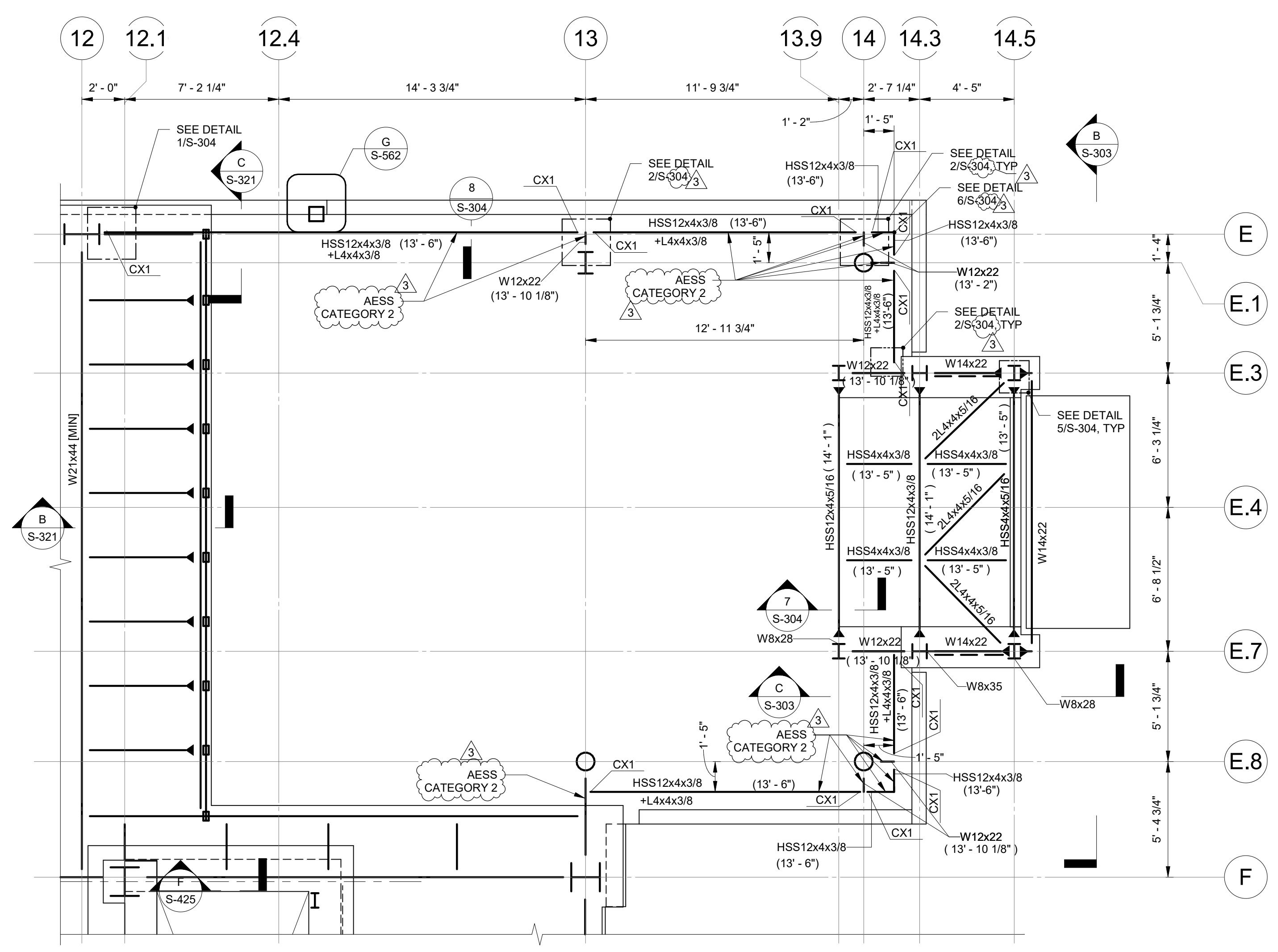
CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT
PROJECT NUMBER:	47528-C	
DESIGNED BY:	JEC	
DRAWN BY:	JEC	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	UTILITY PLAN	
DRAWING NUMBER:	C-301	
SHEET:	OF	



C EAST VESTIBULE BRACE ELEVATION

1/2" = 1'-0"



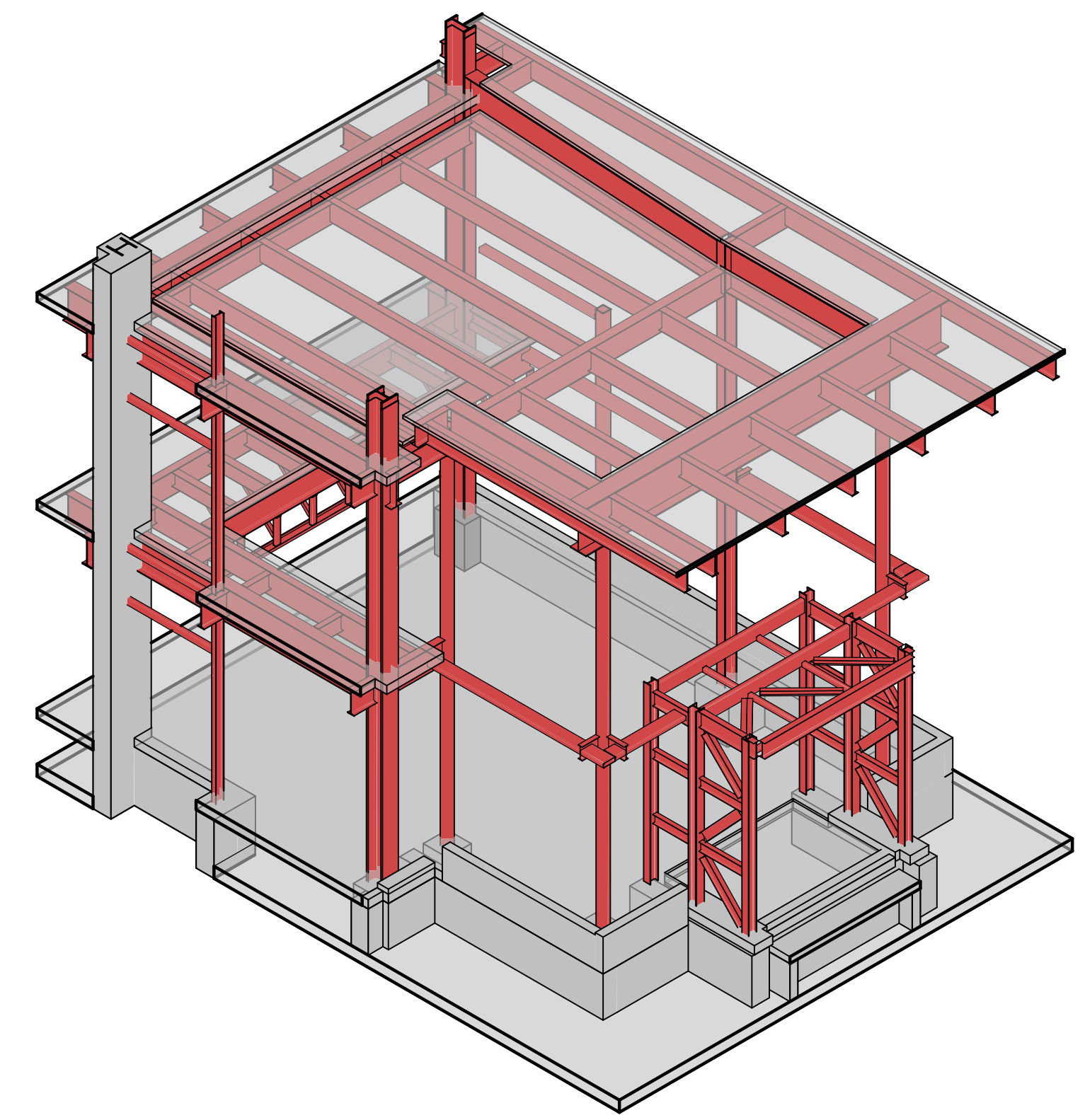
A EAST VESTIBULE PART PLAN

1/4" = 1'-0"

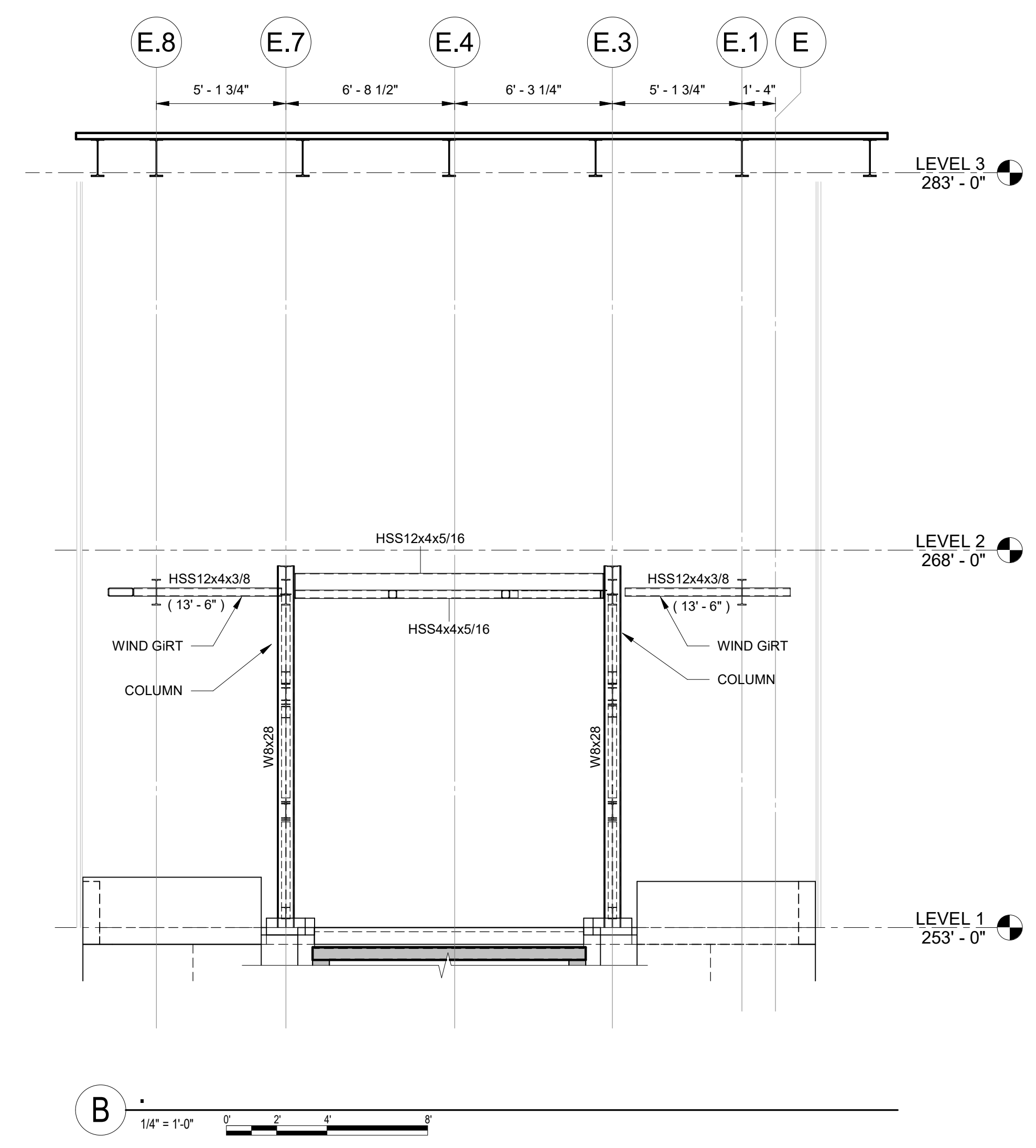
NOTE:

- TOP OF STEEL ELEVATION IS REFERENCED FROM LEVEL 1.
- STEEL CONNECTIONS FOR HSS12x4x3/8 BEAM ARE SHOWN THUS, WHERE CX# REFERS TO THE TYPE OF CONNECTION. REFER FOLLOWING TABLE FOR FACTORED CONNECTION FORCES AT EACH END OF BEAM.

TYPE	FACTORED AXIAL FORCE (KIP)	FACTORED SHEAR FORCE		FACTORED MOMENT		FACTORED TORSION (KIP-FT)
		V2 (KIP)	V3 (KIP)	M2 (KIP-FT)	M3 (KIP-FT)	
CX1	-	5	15	50	5	-



D 3D VIEW EAST VESTIBULE



B

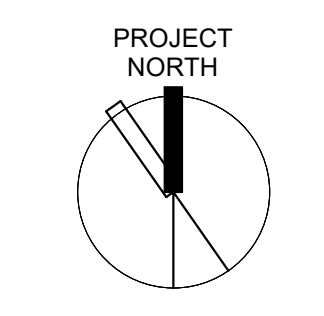
1/4" = 1'-0"



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REGISTRATION EXPIRES: 08/31/2027

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

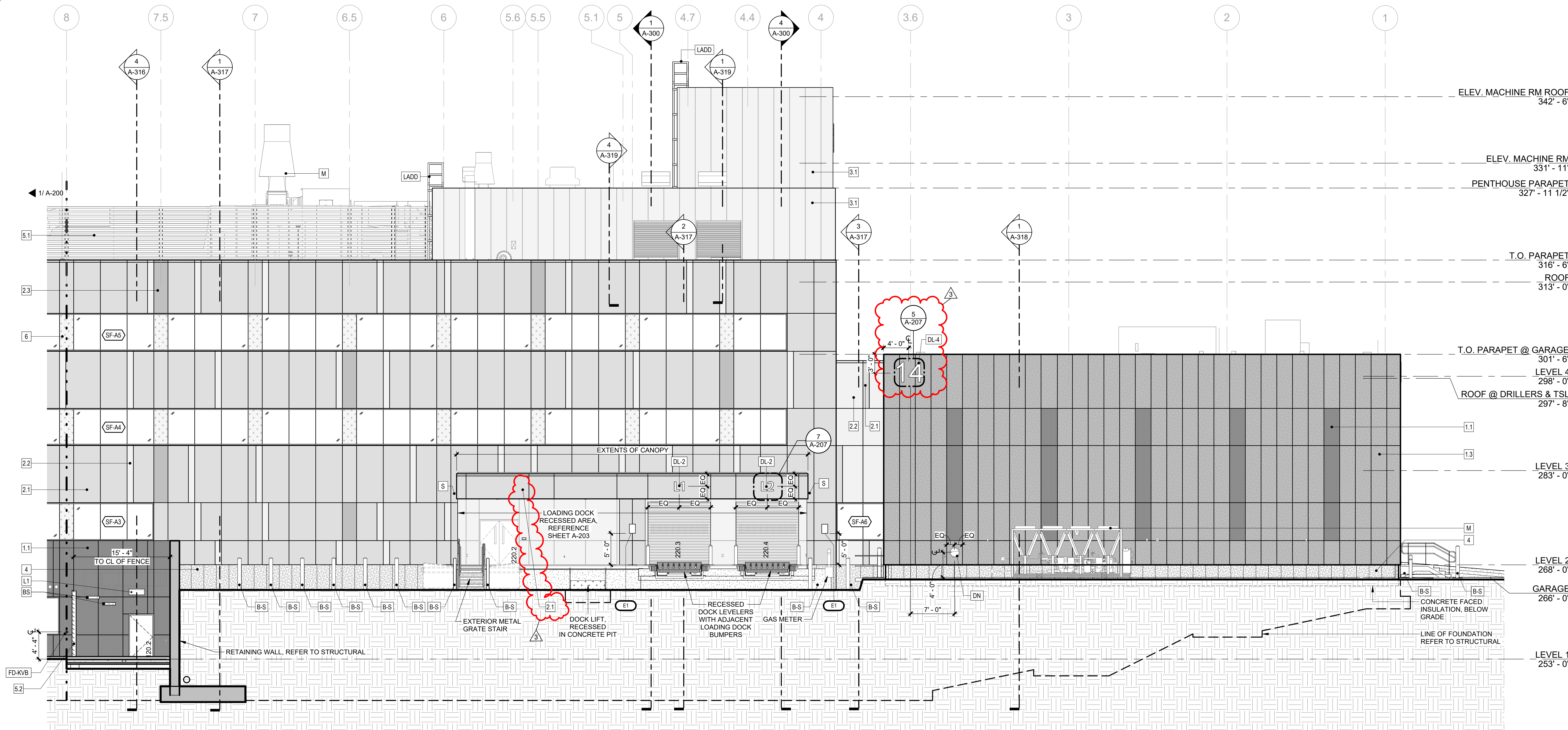
PROJECT NUMBER: 47528-C

DESIGNED BY: ESM
DRAWN BY: YT
FIELD CHECK: Checker
APPROVED: Approver

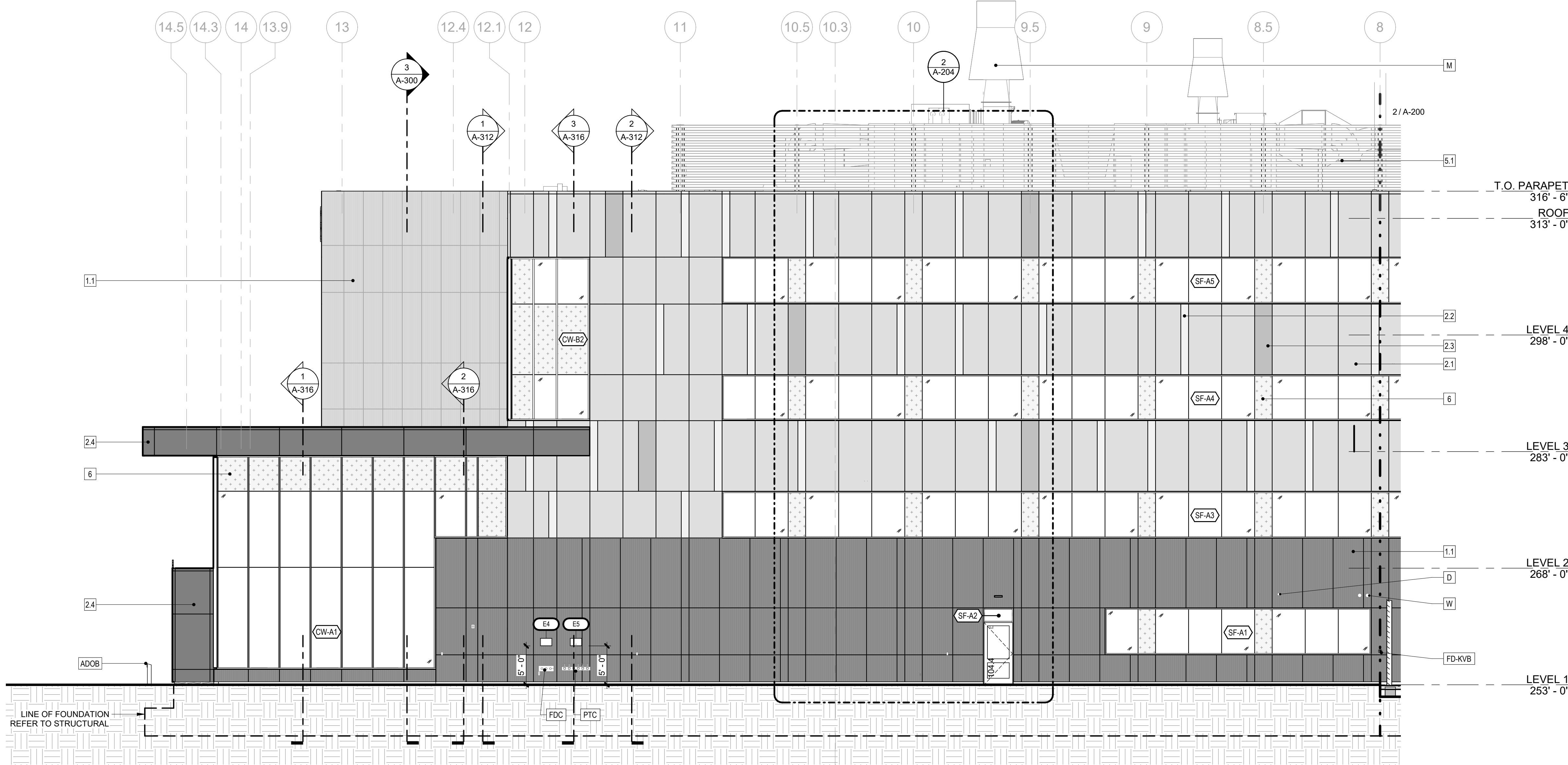
PART PLANS AND DETAILS EAST VESTIBULE

DRAWING NUMBER: S-303

SHEET: OF



2 NORTH ELEVATION - PARTIAL 2
1/8" = 1'-0"



1 NORTH ELEVATION - PARTIAL 1
1/8" = 1'-0"

EXTERIOR COMPONENT & MATERIALS LEGEND	
MATERIALS AND PRODUCTS LISTED BELOW ARE BASIS OF DESIGN SELECTIONS. REFERENCE SPECIFICATIONS FOR APPROVED EQUAL MATERIALS AND PRODUCTS.	
TAG	COMPONENT
1.0	CP-1: CAST IN PLACE PLASTIC FORMLINER MFR: RECKLI PATTERN: 20211 SAMBRE FINISH: SMOOTH COLOR: BLACK
1.1	FC-1: FIBER CEMENT PANEL, TYPE 1 MFR: EQUITONE TEXTURE: LINEA COLOR: LTS PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.2	FC-2: FIBER CEMENT PANEL, TYPE 2 MFR: EQUITONE TEXTURE: NATURA COLOR: N161 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.3	FC-3: FIBER CEMENT PANEL, TYPE 3 MFR: EQUITONE TEXTURE: TECTIVA COLOR: T230 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
2.1	ACM-1: ALUMINUM COMPOSITE PANEL, TYPE 1 MFR: ALUCOBOND COLOR: PLATINUM MICA SYSTEM: ROUTE & RETURN
2.2	ACM-2: ALUMINUM COMPOSITE PANEL, TYPE 2 MFR: ALUCOBOND COLOR: ANODIC SATIN MICA SYSTEM: ROUTE & RETURN
2.3	ACM-3: ALUMINUM COMPOSITE PANEL, TYPE 3 MFR: ALUCOBOND COLOR: BRILLIANT SILVER METALLIC SYSTEM: ROUTE & RETURN
2.4	ACM-4: ALUMINUM COMPOSITE PANEL, TYPE 4 MFR: ALUCOBOND COLOR: SERPENTINE METALLIC SYSTEM: ROUTE & RETURN
3.1	IMP-1: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9967 XL PEWTER
3.2	IMP-2: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9989 PLATINUM
4	C1: CONCRETE FACED INSULATION MFR: T-CLEAR PRODUCT: WALL GUARD PAINT: MASONRY ACRYLIC LATEX, COLOR: (P-1)
5.1	EQUIPMENT SCREENING - ROOFTOP MECH. PER SECTION 108213.13
5.2	EQUIPMENT SCREEN AT - ELEC. SUBSTATION REFERENCE CIVISITE, STRUCTURAL DRAWINGS AND SPECIFICATIONS
6	SPANDREL PANEL
7	OUTRIGGER SUNSHADE
CW#	CURTAIN WALL SYSTEM TAG
	ALL CURTAIN WALL TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
SF#	STOREFRONT SYSTEM TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
CW#	FIRE RATED CURTAIN WALL TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
M	ROOF MOUNTED MECHANICAL EQUIPMENT, SEE MEP DRAWINGS
B-S	BOLLARD, SITE (REFERENCE CIVIL)
B-BD	BOLLARD, BOLT-DOWN
LADD	ROOFTOP ACCESS LADDER
FD-KVB	FD-KVB - FIRE DEPARTMENT KEY VAULT BOX MFR: KNOX PRODUCT: ELECTRONIC KNOXVAULT 4400 COLOR: BLACK INSTALLATION: RECESS MOUNT
DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-2	DL-2 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-5	DL-5 - DIMENSIONAL LETTER SIGNAGE, 9" TALL LETTERING, 15" TALL LETTERING CUSTOM LOGO ACRYLIC FACE - COLOR: DARK GRAY TRANSLUCENT TITANIUM SATIN BLACK RETURN FACELIT - TRIMLESS
CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
ADOB	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCUPPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6 / A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL

NEW YORK STATE Office of General Services

CONSULTANT:
CERTIFICATE OF AUTHORIZATION #: 021745

CMA

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UNIFORM CODE STATEMENT:
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REGISTERED ARCHITECT
STATE OF NEW YORK
REGISTRATION EXPIRES: 03/31/2025

CONTRACT: CONSTRUCTION

TITLE:
Provide Testing Laboratory, Building 14

LOCATION:
DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT:
New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER:
47528-C

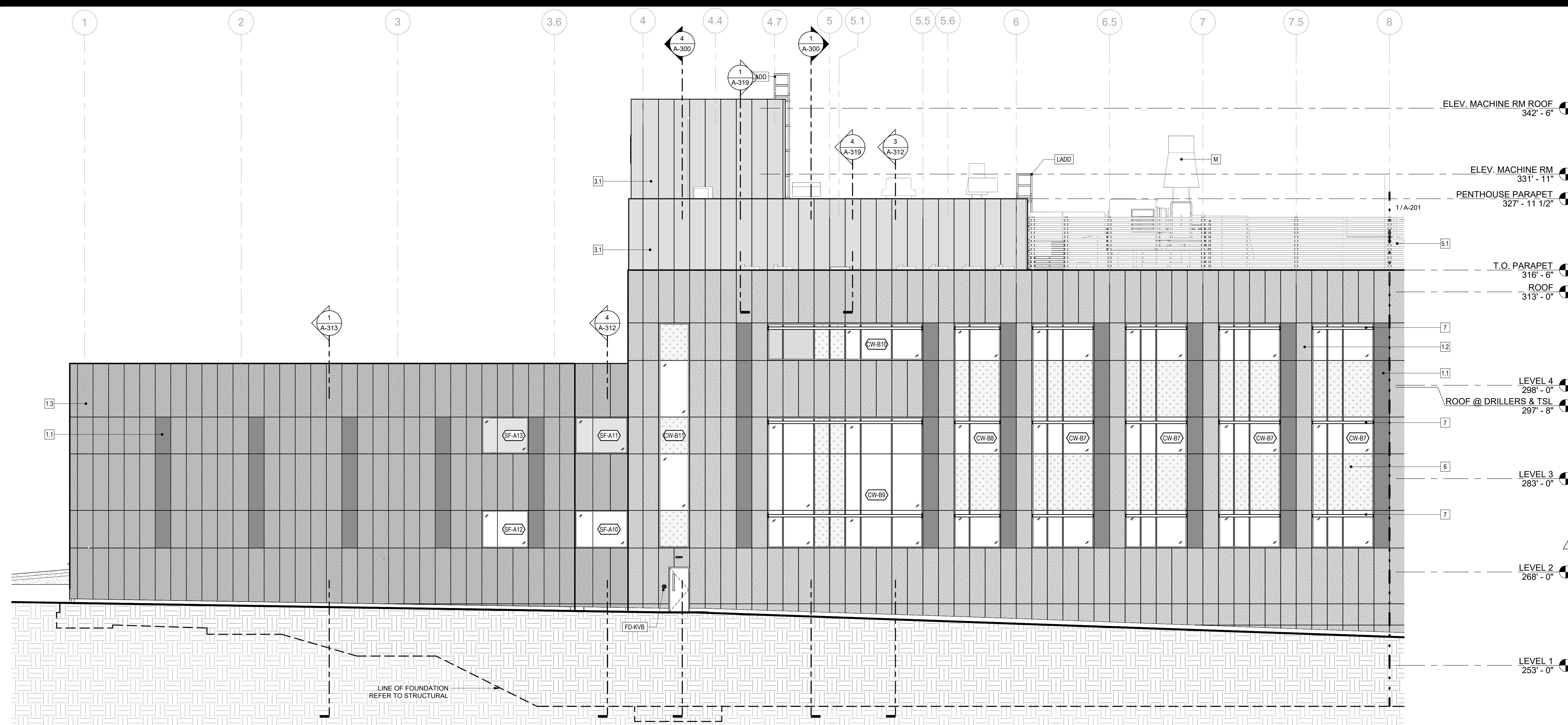
DESIGNED BY: SMD
DRAWN BY: JJS

FIELD CHECK:
APPROVED:

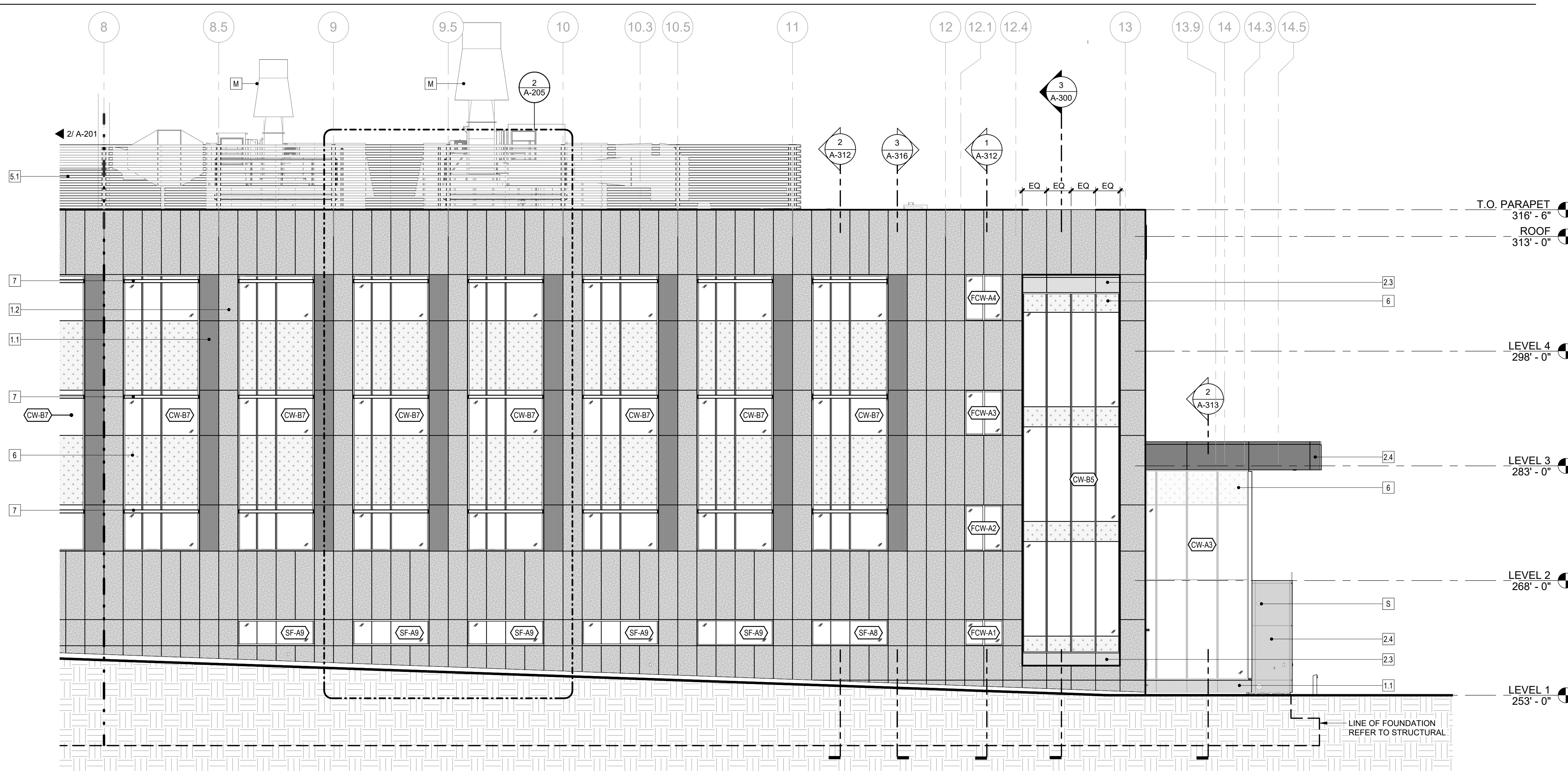
SHEET TITLE:
NORTH EXTERIOR ELEVATIONS

DRAWING NUMBER:
A-200

SHEET: OF



2 SOUTH ELEVATION - PARTIAL 2
1/8" = 1'-0"



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

EXTERIOR COMPONENT & MATERIALS LEGEND	
MATERIALS AND PRODUCTS LISTED BELOW ARE BASIS OF DESIGN SELECTIONS. REFERENCE SPECIFICATIONS FOR APPROVED EQUAL MATERIALS AND PRODUCTS.	
TAG	COMPONENT
1.0	CP-1: CAST IN PLACE PLASTIC FORMLINER MFR: RECKLI PATTERN: 2/211 SAMBRE FINISH: SMOOTH COLOR: BLACK
1.1	FC-1: FIBER CEMENT PANEL, TYPE 1 MFR: EQUITONE TEXTURE: LINEA COLOR: LTS PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.2	FC-2: FIBER CEMENT PANEL, TYPE 2 MFR: EQUITONE TEXTURE: NATURA COLOR: N161 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.3	FC-3: FIBER CEMENT PANEL, TYPE 3 MFR: EQUITONE TEXTURE: TECTIVA COLOR: T220 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
2.1	ACM-1: ALUMINUM COMPOSITE PANEL, TYPE 1 MFR: ALUCOBOND COLOR: PLATINUM MICA SYSTEM: ROUTE & RETURN
2.2	ACM-2: ALUMINUM COMPOSITE PANEL, TYPE 2 MFR: ALUCOBOND COLOR: ANODIC SATIN MICA SYSTEM: ROUTE & RETURN
2.3	ACM-3: ALUMINUM COMPOSITE PANEL, TYPE 3 MFR: ALUCOBOND COLOR: BRILLIANT SILVER METALLIC SYSTEM: ROUTE & RETURN
2.4	ACM-4: ALUMINUM COMPOSITE PANEL, TYPE 4 MFR: ALUCOBOND COLOR: SERPENTINE METALLIC SYSTEM: ROUTE & RETURN
3.1	IMP-1: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9967 XL PEWTER
3.2	IMP-2: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9989 PLATINUM
4	C1: CONCRETE FACED INSULATION MFR: T-CLEAR PRODUCT: WALL GUARD PAINT: MASONRY ACRYLIC LATEX, COLOR: (F-1)
5.1	EQUIPMENT SCREENING - ROOFTOP MECH. PER SECTION 108213.13
5.2	EQUIPMENT SCREEN AT - ELEC. SUBSTATION REFERENCE CIVIL/SITE, STRUCTURAL DRAWINGS AND SPECIFICATIONS
6	SPANDREL PANEL
7	OUTRIGGER SUNSHADE
CW-#	CURTAIN WALL SYSTEM TAG
	ALL CURTAIN WALL TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
SF-#	STOREFRONT SYSTEM TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
FCW-#	FIRE RATED CURTAIN WALL TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
M	ROOF MOUNTED MECHANICAL EQUIPMENT, SEE MEP DRAWINGS
B-S	BOLLARD, SITE (REFERENCE CIVIL)
B-BO	BOLLARD, BOLT-DOWN
LADD	ROOFTOP ACCESS LADDER
FD-KVB	FD-KVB - FIRE DEPARTMENT KEY VAULT BOX MFR: KNOX PRODUCT: ELECTRONIC KNOXVAULT 4400 COLOR: BLACK INSTALLATION: RECESS MOUNT
DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-2	DL-2 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-5	DL-5 - DIMENSIONAL LETTER SIGNAGE, 9" TALL LETTERING, 15" TALL LETTERING CUSTOM LOGO ACRYLIC FACE - COLOR: DARK GRAY TRANSLUCENT TITANIUM SATIN BLACK RETURN FACELIT - TRIMLESS
CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
ADOB	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCOUOPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6 / A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL

NEW YORK STATE Office of General Services

CONSULTANT:
CERTIFICATE OF AUTHORIZATION #: 021745

CMA

envision ARCHITECTS

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REGISTERED ARCHITECT
ALEXANDER J. JAMIC
STATE OF NEW YORK
REGISTRATION EXPIRES: 03/31/2025

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: **47528-C**

DESIGNED BY: SMD
DRAWN BY: JJS

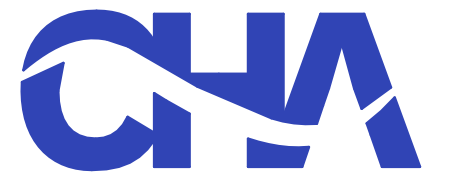
FIELD CHECK:
APPROVED:

SHEET TITLE: **SOUTH EXTERIOR ELEVATIONS**

DRAWING NUMBER: **A-201**

SHEET: OF

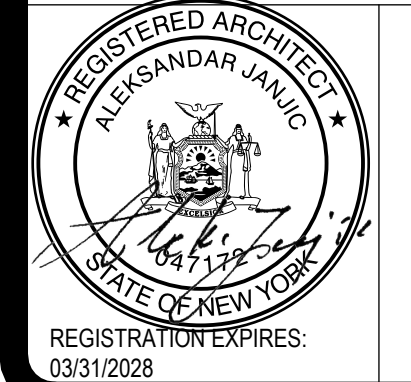
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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: SMD

DRAWN BY: JJS

FIELD CHECK:

APPROVED:

SHEET TITLE: EAST AND WEST EXTERIOR ELEVATIONS

DRAWING NUMBER: A-202

SHEET: OF

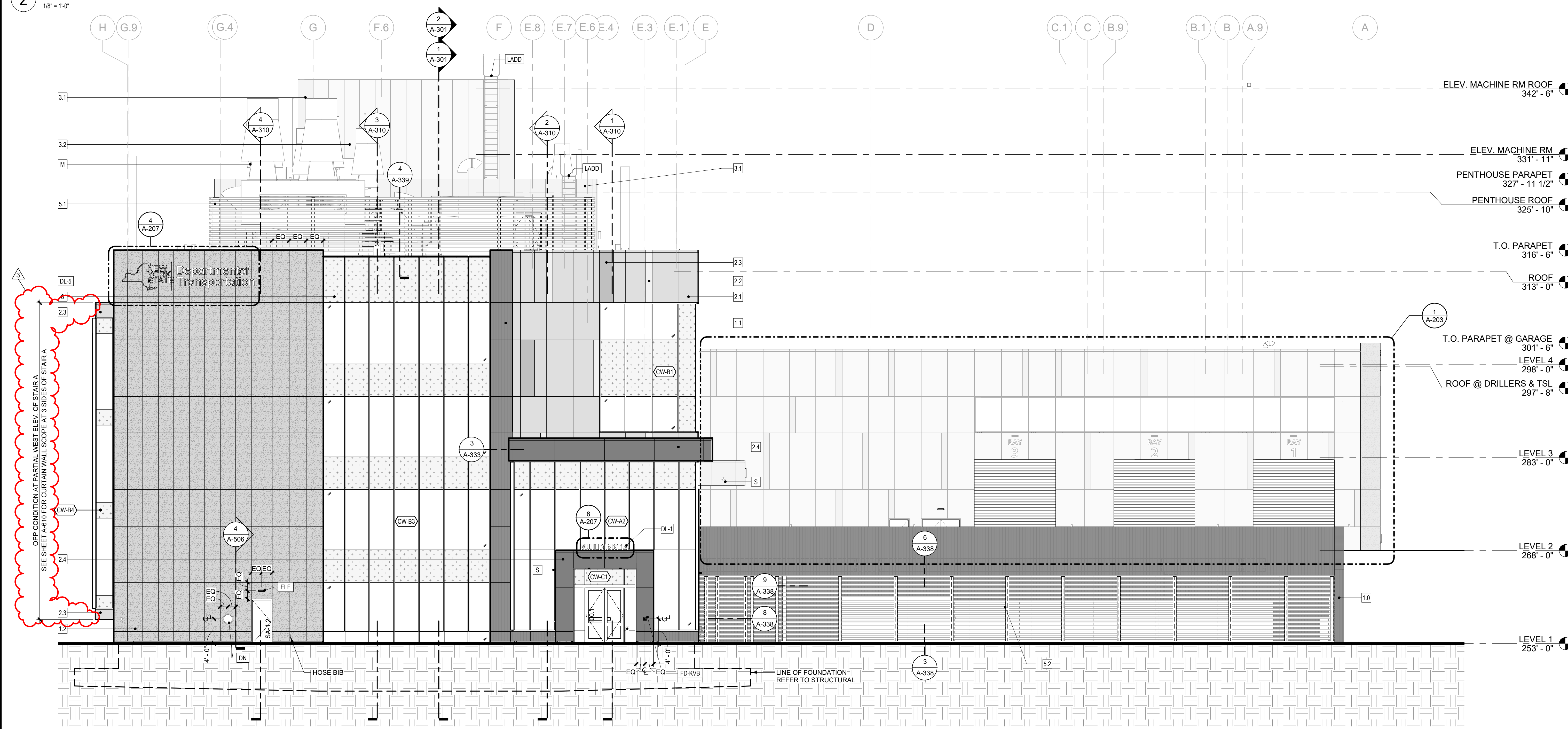
EXTERIOR COMPONENT & MATERIALS LEGEND

MATERIALS AND PRODUCTS LISTED BELOW ARE BASIS OF DESIGN SELECTIONS. REFERENCE SPECIFICATIONS FOR APPROVED EQUAL MATERIALS AND PRODUCTS.

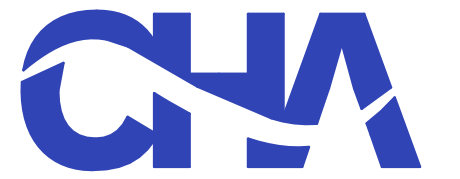
TAG	COMPONENT
1.0	CP-1: CAST IN PLACE PLASTIC FORMLINER MFR: RECKLI PATTERN 20211 SAMBRE FINISH: SMOOTH COLOR: BLACK
1.1	FC-1: FIBER CEMENT PANEL, TYPE 1 MFR: EQUITONE TEXTURE: LINEA COLOR: LITS PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.2	FC-2: FIBER CEMENT PANEL, TYPE 2 MFR: EQUITONE TEXTURE: NATURA COLOR: N161 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.3	FC-3: FIBER CEMENT PANEL, TYPE 3 MFR: EQUITONE TEXTURE: TECTIVA COLOR: T250 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
2.1	ACM-1: ALUMINUM COMPOSITE PANEL, TYPE 1 MFR: ALUCOBOND COLOR: PLATINUM MICA SYSTEM: ROUTE & RETURN
2.2	ACM-2: ALUMINUM COMPOSITE PANEL, TYPE 2 MFR: ALUCOBOND COLOR: ANODIZED SATIN MICA SYSTEM: ROUTE & RETURN
2.3	ACM-3: ALUMINUM COMPOSITE PANEL, TYPE 3 MFR: ALUCOBOND COLOR: BRILLIANT SILVER METALLIC SYSTEM: ROUTE & RETURN
2.4	ACM-4: ALUMINUM COMPOSITE PANEL, TYPE 4 MFR: ALUCOBOND COLOR: SERPENTINE METALLIC SYSTEM: ROUTE & RETURN
3.1	IMP-1: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9967 XL PEWTER
3.2	IMP-2: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9989 PLATINUM
4	C1: CONCRETE FACED INSULATION MFR: T-CLEAR PRODUCT: WALLGUARD PAINT: MASONRY ACRYLIC LATEX, COLOR (F-1)
5.1	EQUIPMENT SCREENING - ROOFTOP MECH. PER SECTION 108213.13
5.2	EQUIPMENT SCREEN AT - ELEC. SUBSTATION REFERENCE CIVIL/SITE, STRUCTURAL DRAWINGS AND SPECIFICATIONS
6	SPANDREL PANEL
7	OUTRIGGER SUNSHADE
CW-#	CURTAIN WALL SYSTEM TAG
	ALL CURTAIN WALL TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
SF-#	STOREFRONT SYSTEM TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
FW-#	FIRE RATED CURTAIN WALL TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
M	ROOF MOUNTED MECHANICAL EQUIPMENT, SEE MEP DRAWINGS
B-S	BOLLARD, SITE (REFERENCE CIVIL)
B-BO	BOLLARD, BOLT-DOWN
LADD	ROOFTOP ACCESS LADDER
FD-KVB	FD-KVB - FIRE DEPARTMENT KEY VAULT BOX MFR: KNOX PRODUCT: ELECTRONIC KNOXVAULT 4400 COLOR: BLACK INSTALLATION: RECESS MOUNT
DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-2	DL-2 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-5	DL-5 - DIMENSIONAL LETTER SIGNAGE, 9" TALL LETTERING, 15" TALL LETTERING CUSTOM LOGO ACRYLIC FACE - COLOR: DARK GRAY TRANSLUCENT TITANIUM SATIN BLACK RETURN FACELIT - TRIMLESS
CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
ADOB	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCUPPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6/A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL



2 WEST ELEVATION
1/8" = 1'-0"



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



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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-2	DL-2 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-5	DL-5 - DIMENSIONAL LETTER SIGNAGE, 9" TALL LETTERING, 15" TALL LETTERING CUSTOM LOGO ACRYLIC FACE - COLOR: DARK GRAY TRANSLUCENT TITANIUM SATIN BLACK RETURN FACELIT - TRIMLESS
CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
ADOB	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCUPPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6/A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL

3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: SMD

DRAWN BY: JJS

FIELD CHECK:

APPROVED:

SHEET TITLE: PARTIAL EAST AND NORTH EXTERIOR ELEVATIONS, RETAINING WALL ELEVATIONS

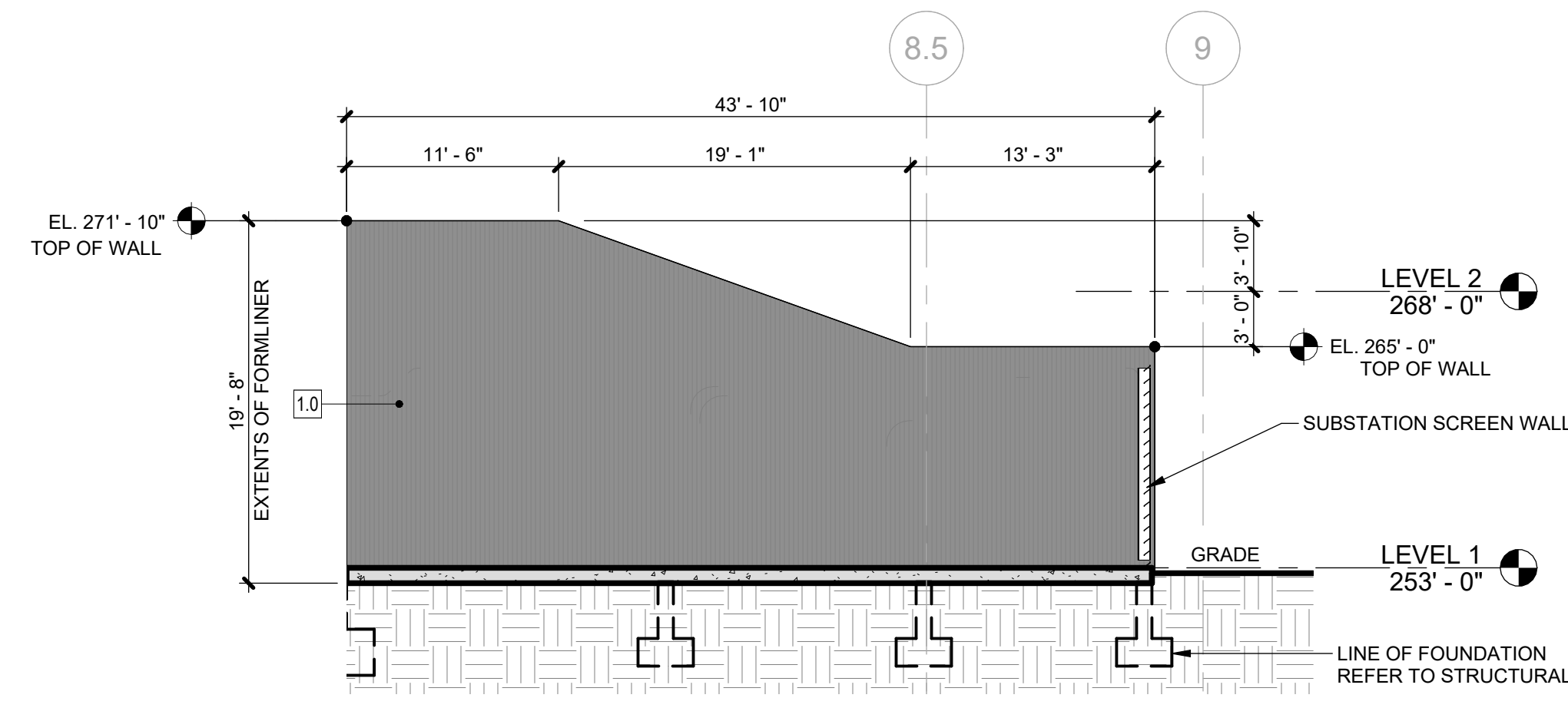
DRAWING NUMBER: A-203

SHEET: OF

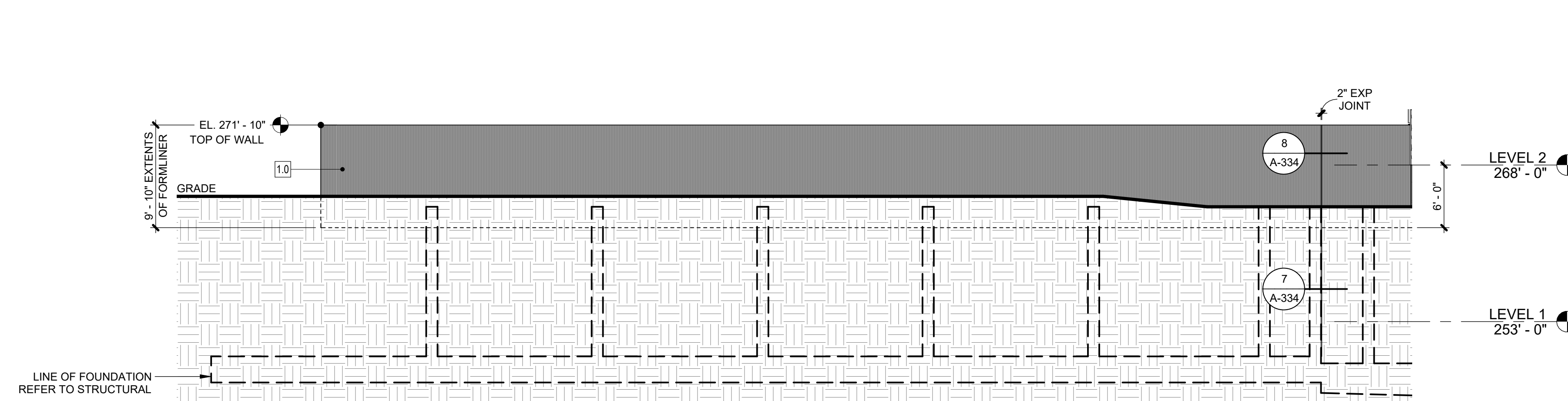
EXTERIOR COMPONENT & MATERIALS LEGEND

MATERIALS AND PRODUCTS LISTED BELOW ARE BASIS OF DESIGN SELECTIONS. REFERENCE SPECIFICATIONS FOR APPROVED EQUAL MATERIALS AND PRODUCTS.

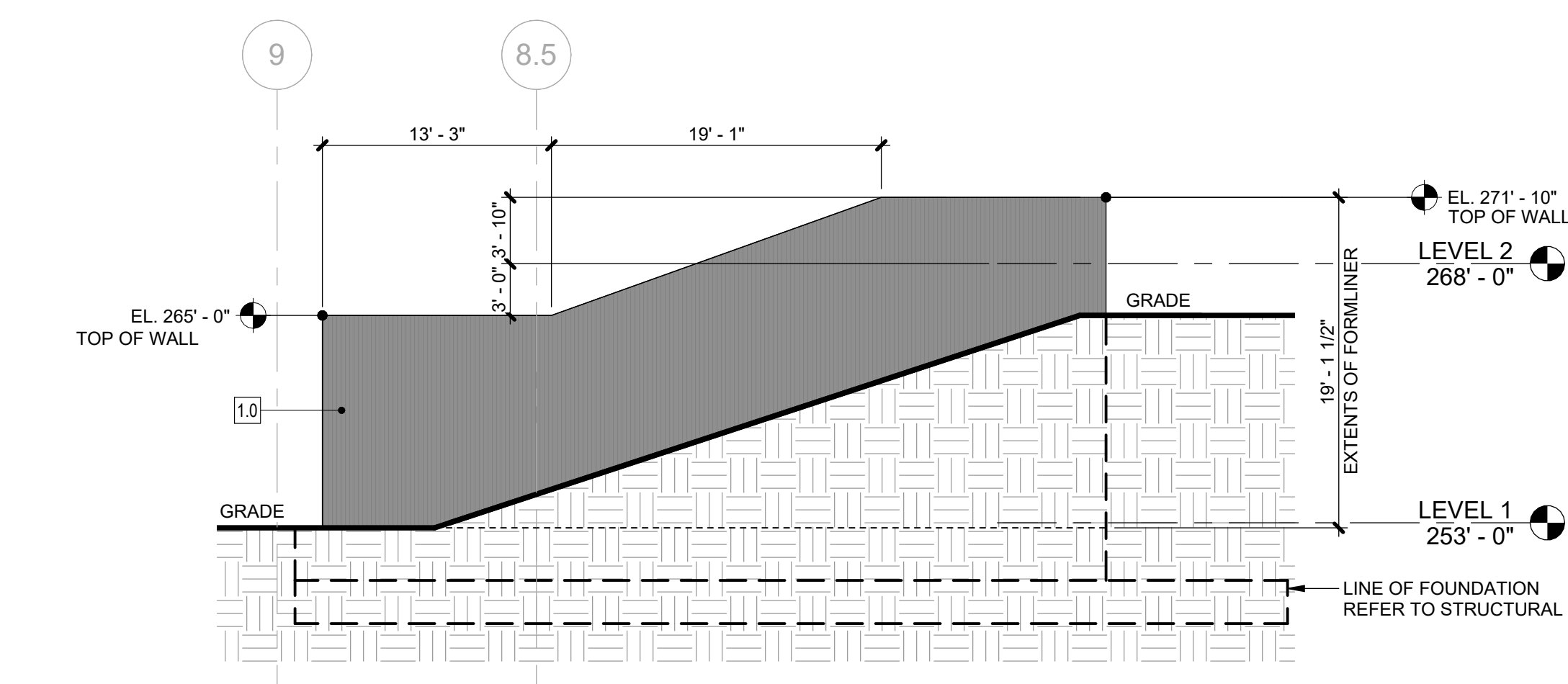
TAG	COMPONENT
1.0	CP-1: CAST IN PLACE PLASTIC FORMLINER MFR: RECKLI PATTERN: 2/211 SAMBRE FINISH: SMOOTH COLOR: BLACK
1.1	FC-1: FIBER CEMENT PANEL, TYPE 1 MFR: EQUITONE TEXTURE: LINEA COLOR: LTS PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.2	FC-2: FIBER CEMENT PANEL, TYPE 2 MFR: EQUITONE TEXTURE: NATURA COLOR: N161 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.3	FC-3: FIBER CEMENT PANEL, TYPE 3 MFR: EQUITONE TEXTURE: TECTIVA COLOR: T220 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
2.1	ACM-1: ALUMINUM COMPOSITE PANEL, TYPE 1 MFR: ALUCOBOND COLOR: PLATINUM MICA SYSTEM: ROUTE & RETURN
2.2	ACM-2: ALUMINUM COMPOSITE PANEL, TYPE 2 MFR: ALUCOBOND COLOR: ANODIC SATIN MICA SYSTEM: ROUTE & RETURN
2.3	ACM-3: ALUMINUM COMPOSITE PANEL, TYPE 3 MFR: ALUCOBOND COLOR: BRILLIANT SILVER METALLIC SYSTEM: ROUTE & RETURN
2.4	ACM-4: ALUMINUM COMPOSITE PANEL, TYPE 4 MFR: ALUCOBOND COLOR: SERPENTINE METALLIC SYSTEM: ROUTE & RETURN
3.1	IMP-1: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9967 XL PEWTER
3.2	IMP-2: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9989 PLATINUM
4	C1: CONCRETE FACED INSULATION MFR: T-CLEAR PRODUCT: WALLGUARD PAINT: MASONRY ACRYLIC LATEX, COLOR: (P-1)
5.1	EQUIPMENT SCREENING - ROOFTOP MECH. PER SECTION 108213.13
5.2	EQUIPMENT SCREEN AT - ELEC. SUBSTATION DRAWINGS CIVIL/SITE, STRUCTURAL DRAWINGS AND SPECIFICATIONS
6	SPANDREL PANEL
7	OUTRIGGER SUNSHADE
CW-#	CURTAIN WALL SYSTEM TAG
	ALL CURTAIN WALL TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
SF-#	STOREFRONT SYSTEM TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
CW-#	FIRE RATED CURTAIN WALL TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
M	ROOF MOUNTED MECHANICAL EQUIPMENT, SEE MEP DRAWINGS
B-S	BOLLARD, SITE (REFERENCE CIVIL)
B-BD	BOLLARD, BOLT-DOWN
LAOD	ROOFTOP ACCESS LADDER
FD-KVB	FD-KVB - FIRE DEPARTMENT KEY VAULT BOX MFR: KNOX PRODUCT: ELECTRONIC KNOXVAULT 4400 COLOR: BLACK INSTALLATION: RECESS MOUNT
DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
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DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-5	DL-5 - DIMENSIONAL LETTER SIGNAGE, 9" TALL LETTERING, 15" TALL LETTERING CUSTOM LOGO ACRYLIC FACE - COLOR: DARK GRAY TRANSLUCENT TITANIUM SATIN BLACK RETURN FACELIT - TRIMLESS
CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
ADOB	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCUPPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6/A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL



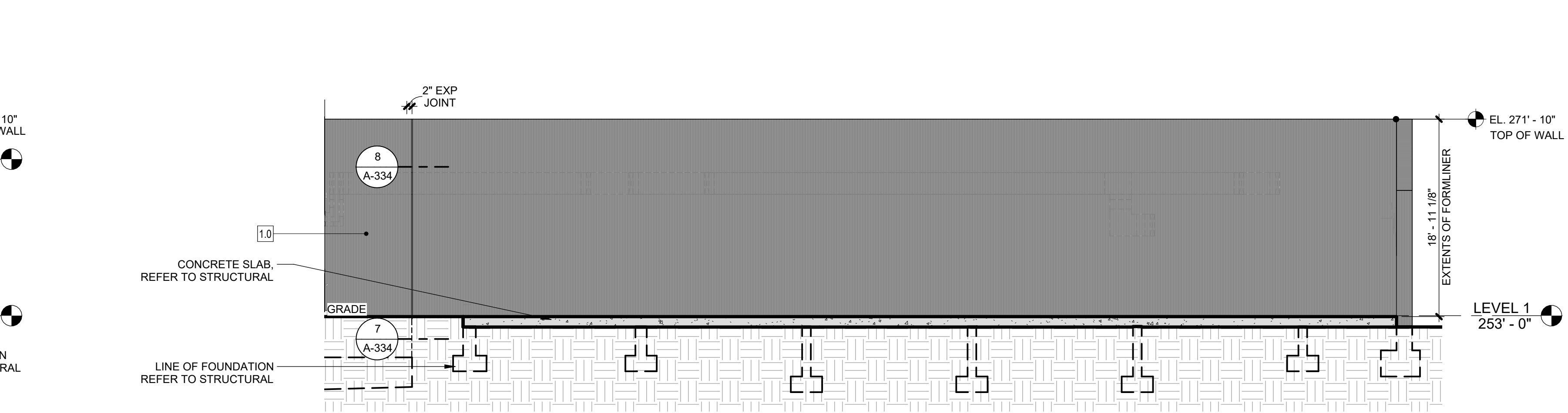
8 RETAINING WALL COORDINATION - SOUTH ELEVATION
1/8" = 1'-0"



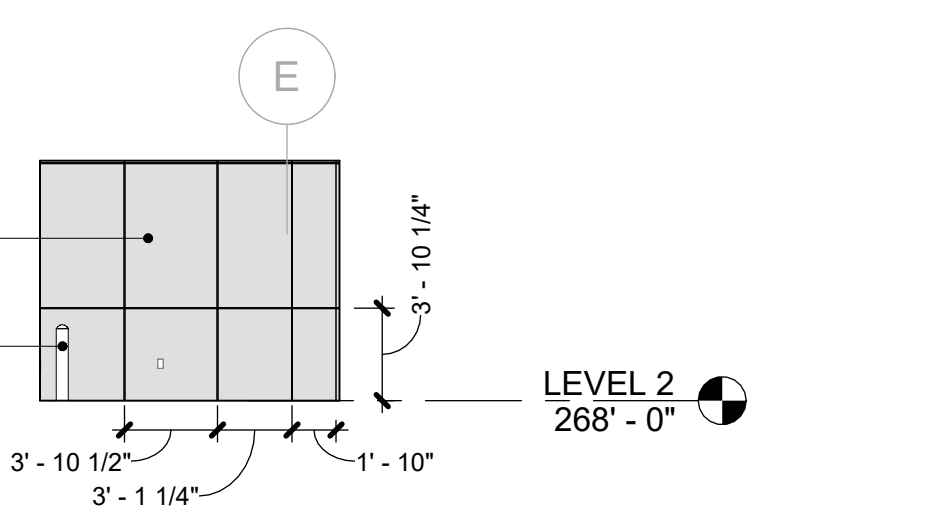
7 RETAINING WALL COORDINATION - WEST ELEVATION
1/8" = 1'-0"



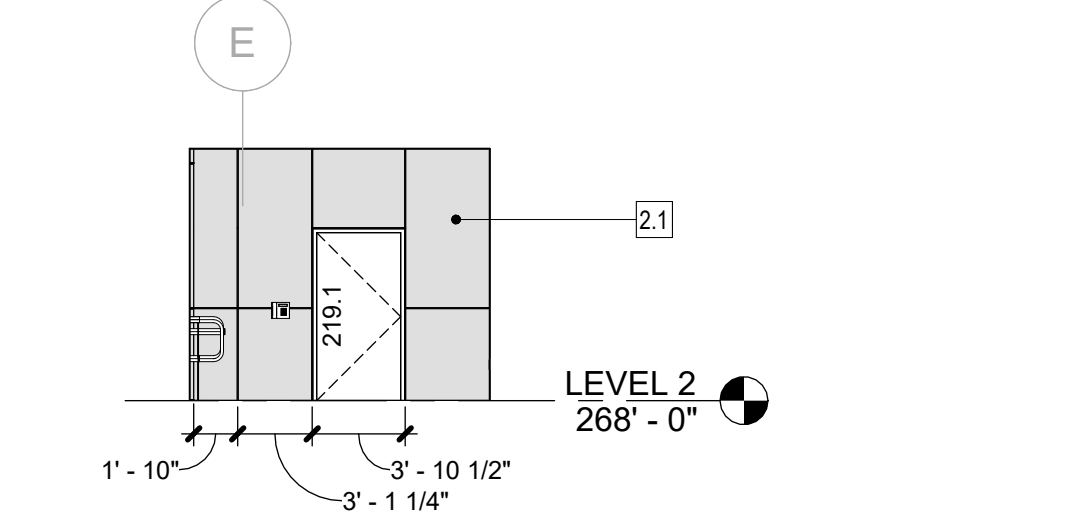
6 RETAINING WALL COORDINATION - NORTH ELEVATION
1/8" = 1'-0"



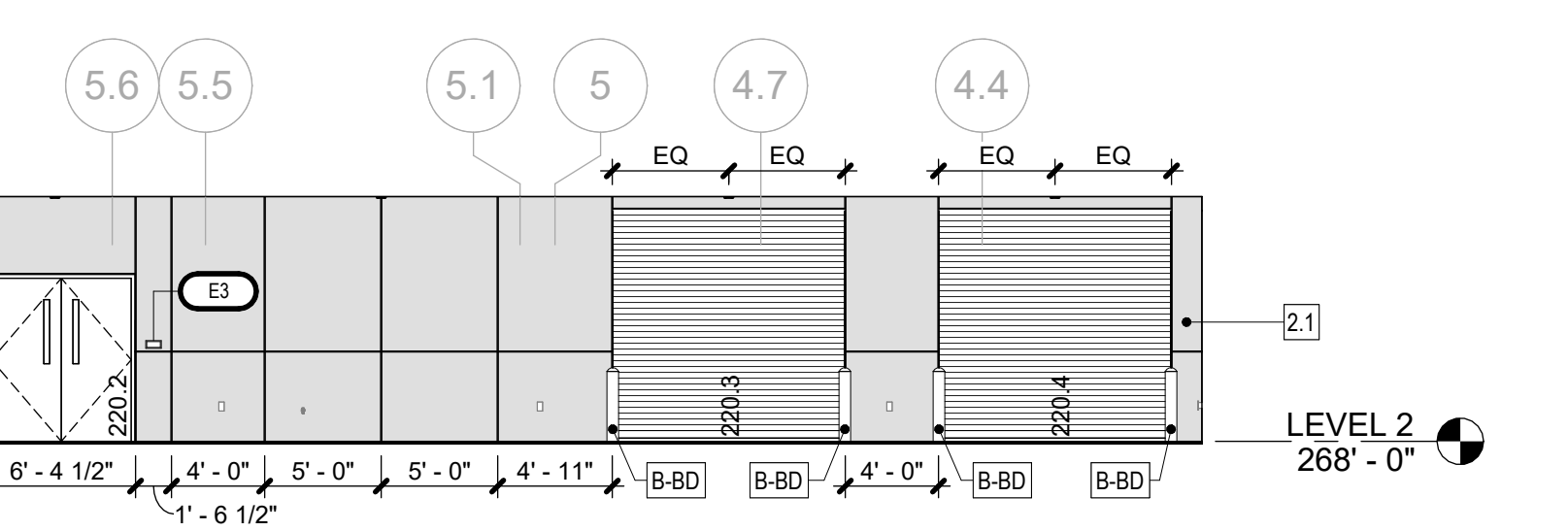
5 RETAINING WALL COORDINATION - EAST ELEVATION
1/8" = 1'-0"



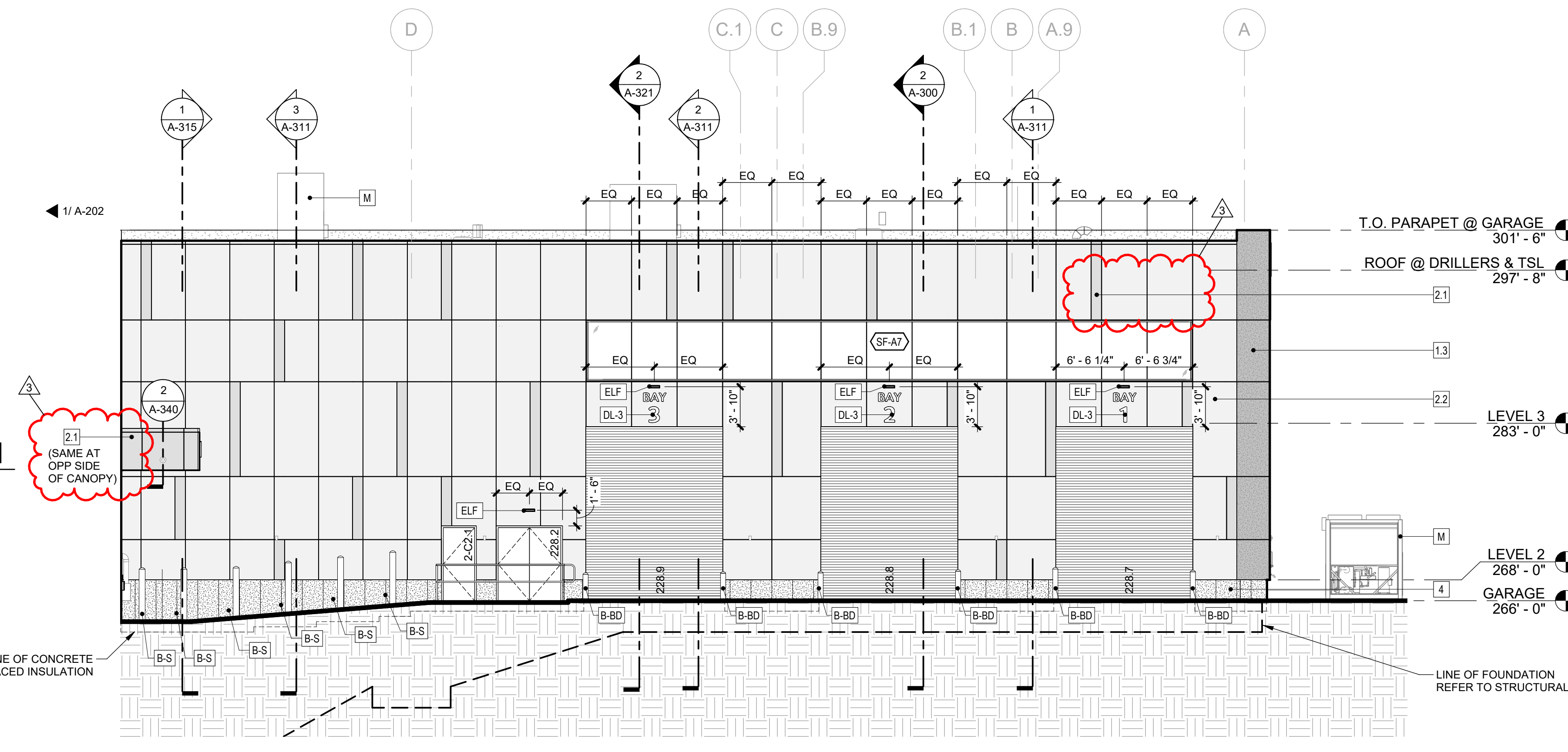
4 LOADING DOCK - WEST ELEVATION
1/8" = 1'-0"



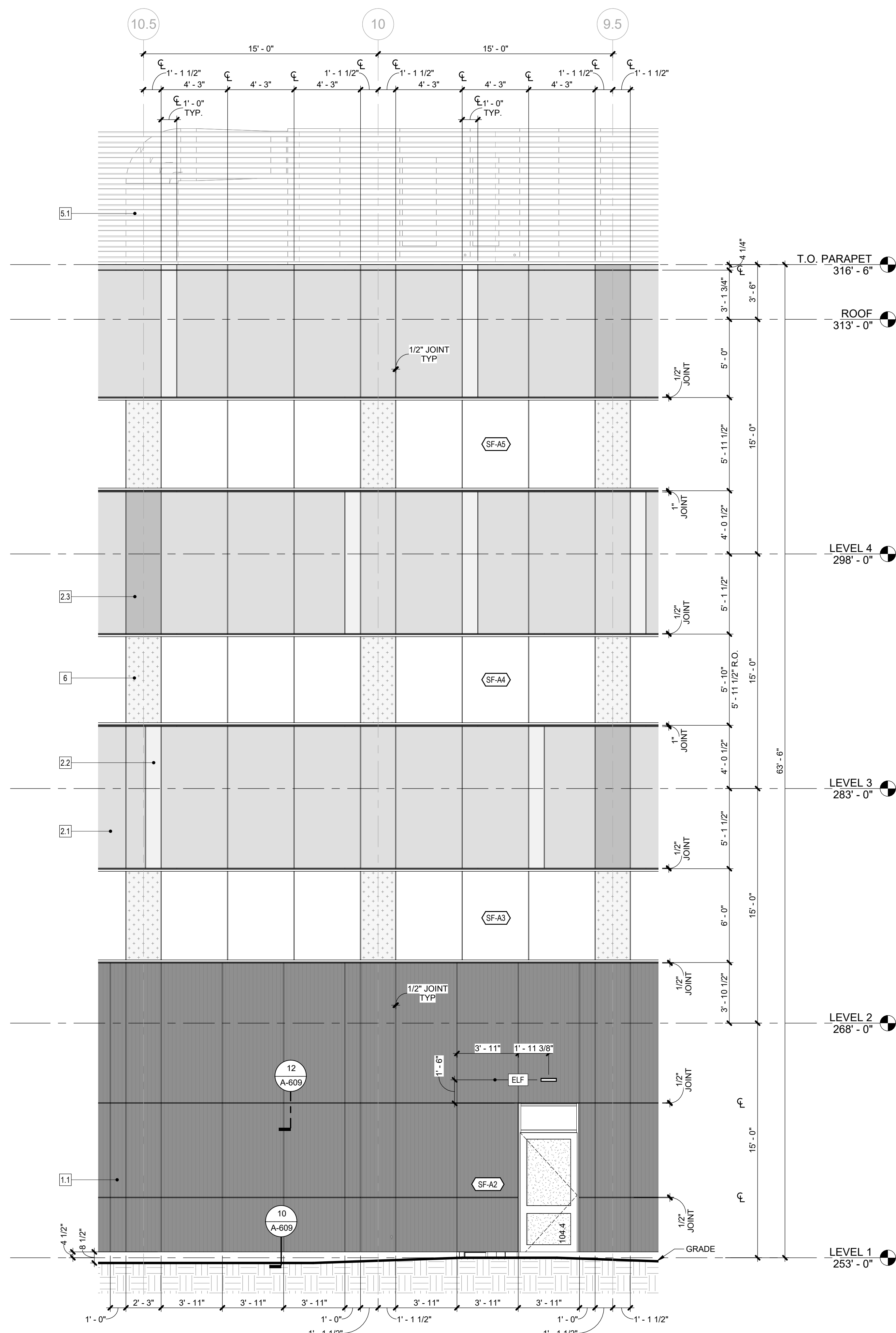
3 LOADING DOCK - EAST ELEVATION
1/8" = 1'-0"



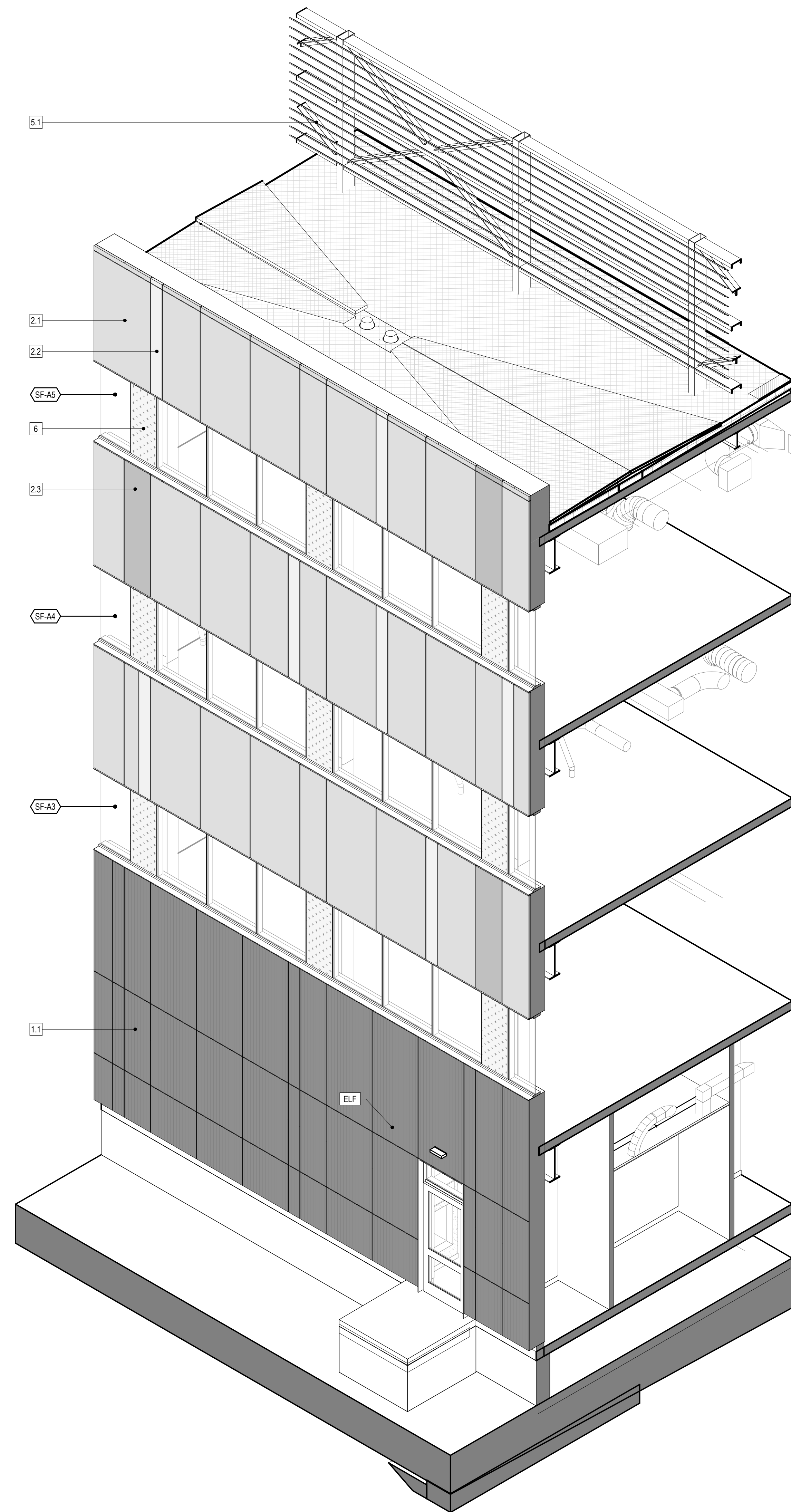
2 LOADING DOCK - NORTH ELEVATION
1/8" = 1'-0"



1 EAST ELEVATION 2
1/8" = 1'-0"



2 ENLARGED PARTIAL NORTH EXTERIOR ELEVATION
1/4" = 1'-0"



1 NORTH FACADE AXON

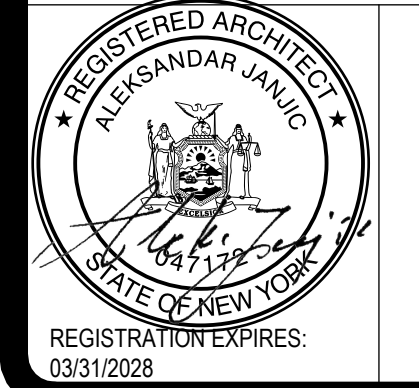
EXTERIOR COMPONENT & MATERIALS LEGEND	
MATERIALS AND PRODUCTS LISTED BELOW ARE BASIS OF DESIGN SELECTIONS. REFERENCE SPECIFICATIONS FOR APPROVED EQUAL MATERIALS AND PRODUCTS.	
TAG	COMPONENT
1.0	CP-1: CAST IN PLACE PLASTIC FORMLINER MFR: RECKLI PATTERN: 2/211 SAMBRE FINISH: SMOOTH COLOR: BLACK
1.1	FC-1: FIBER CEMENT PANEL, TYPE 1 MFR: EQUITONE TEXTURE: LINEA COLOR: LTS PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.2	FC-2: FIBER CEMENT PANEL, TYPE 2 MFR: EQUITONE TEXTURE: NATURA COLOR: N161 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.3	FC-3: FIBER CEMENT PANEL, TYPE 3 MFR: EQUITONE TEXTURE: TECTIVA COLOR: T230 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
2.1	ACM-1: ALUMINUM COMPOSITE PANEL, TYPE 1 MFR: ALUCOBOND COLOR: PLATINUM MICA SYSTEM: ROUTE & RETURN
2.2	ACM-2: ALUMINUM COMPOSITE PANEL, TYPE 2 MFR: ALUCOBOND COLOR: ANODIC SATIN MICA SYSTEM: ROUTE & RETURN
2.3	ACM-3: ALUMINUM COMPOSITE PANEL, TYPE 3 MFR: ALUCOBOND COLOR: BRILLIANT SILVER METALLIC SYSTEM: ROUTE & RETURN
2.4	ACM-4: ALUMINUM COMPOSITE PANEL, TYPE 4 MFR: ALUCOBOND COLOR: SERPENTINE METALLIC SYSTEM: ROUTE & RETURN
3.1	IMP-1: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9967 XL PEWTER
3.2	IMP-2: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9989 PLATINUM
4	C1: CONCRETE FACED INSULATION MFR: T-CLEAR PRODUCT: WALLGUARD PAINT: MASONRY ACRYLIC LATEX, COLOR: (P-1)
5.1	EQUIPMENT SCREENING - ROOFTOP MECH. PER SECTION 108213.13
5.2	EQUIPMENT SCREEN AT - ELEC. SUBSTATION REFERENCE CIVIL/SITE, STRUCTURAL DRAWINGS AND SPECIFICATIONS
6	SPANDREL PANEL
7	OUTRIGGER SUNSHADE
CW-#	CURTAIN WALL SYSTEM TAG ALL CURTAIN WALL TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
SF-#	STOREFRONT SYSTEM TAG ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
FW-#	FIRE RATED CURTAIN WALL TAG ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD, SEE MEP DRAWINGS
M	ROOF MOUNTED MECHANICAL EQUIPMENT, SEE MEP DRAWINGS
B-S	BOLLARD, SITE (REFERENCE CIVIL)
B-D	BOLLARD, BOLT-DOWN
LA01	ROOFTOP ACCESS LADDER
FD-KVB	FD-KVB - FIRE DEPARTMENT KEY VAULT BOX MFR: KNOX PRODUCT: ELECTRONIC KNOXVAULT 4400 COLOR: BLACK INSTALLATION: RECESS MOUNT
DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-2	DL-2 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-5	DL-5 - DIMENSIONAL LETTER SIGNAGE, 9" TALL LETTERING, 15" TALL LETTERING CUSTOM LOGO ACRYLIC FACE - COLOR: DARK GRAY TRANSLUCENT TITANIUM SATIN BLACK RETURN FACELIT - TRIMLESS
CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
AD08	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCUPPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6/A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL



UNIFORM CODE STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2019 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 90.1.

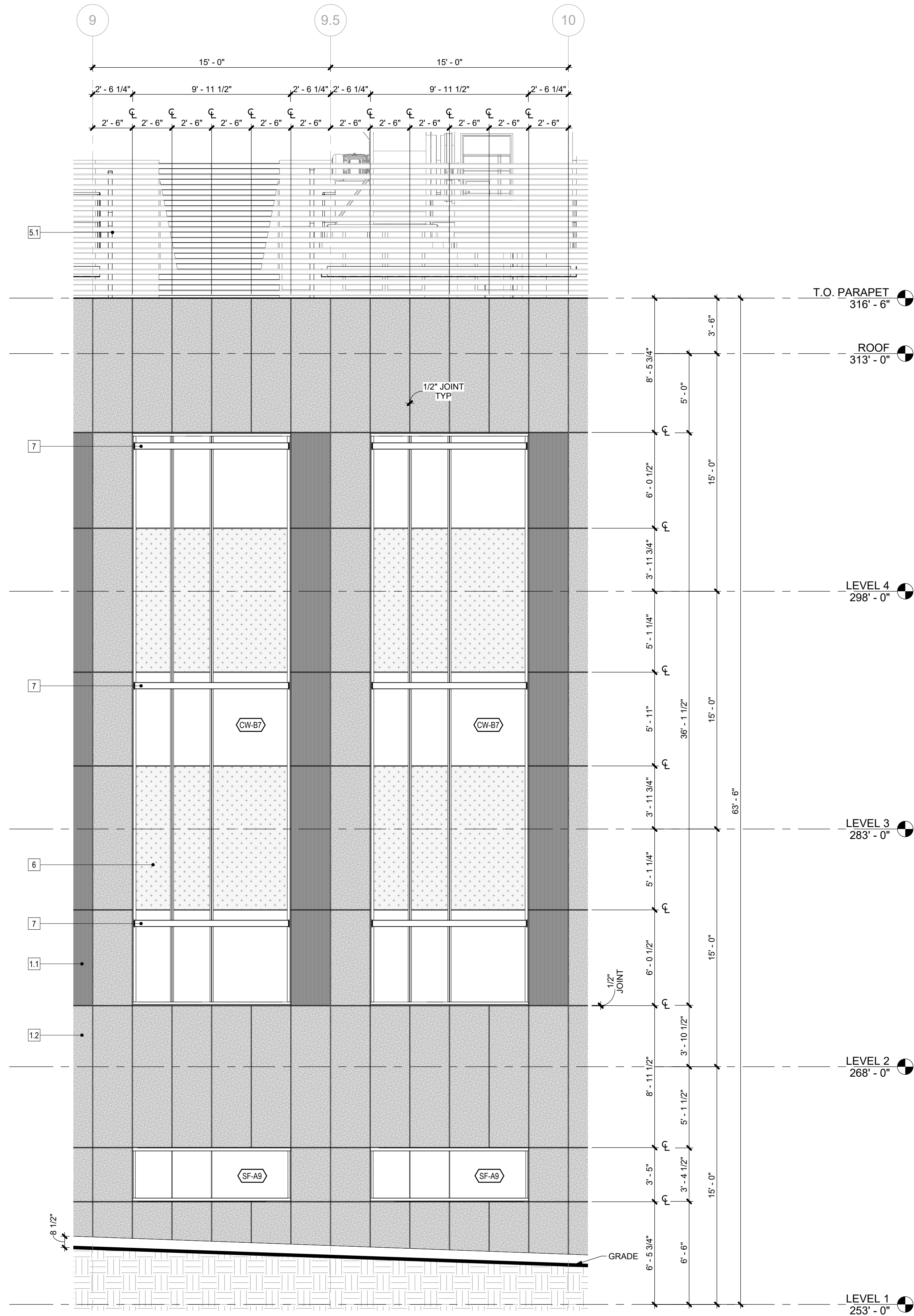
WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



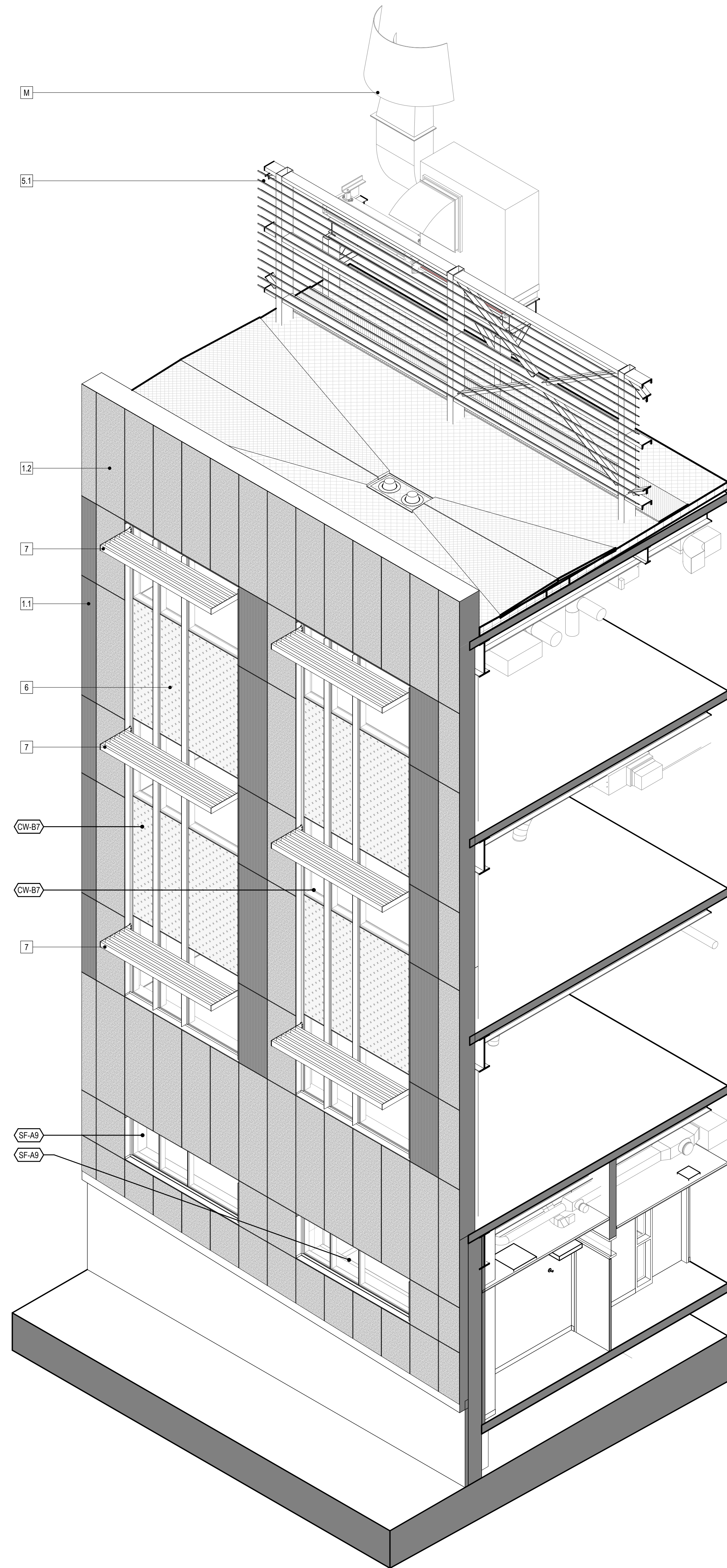
CONTRACT:	CONSTRUCTION
TITLE:	Provide Testing Laboratory, Building 14
LOCATION:	DOT Region 1, Albany County State Office Building Campus Albany, NY
CLIENT:	New York State Department of Transportation

3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT
PROJECT NUMBER:	47528-C	
DESIGNED BY:	SMD	
DRAWN BY:	JJS	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	ENLARGED PARTIAL NORTH EXTERIOR ELEVATION	

DRAWING NUMBER:	A-204
SHEET:	OF

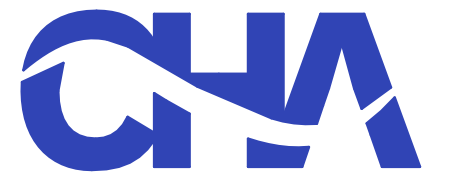


2 ENLARGED PARTIAL SOUTH EXTERIOR ELEVATION
1/4" = 1'-0"



1 SOUTH FACADE AXON

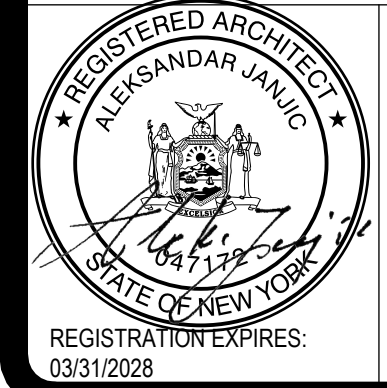
EXTERIOR COMPONENT & MATERIALS LEGEND	
MATERIALS AND PRODUCTS LISTED BELOW ARE BASIS OF DESIGN SELECTIONS. REFERENCE SPECIFICATIONS FOR APPROVED EQUAL MATERIALS AND PRODUCTS.	
TAG	COMPONENT
1.0	CP-1: CAST IN PLACE PLASTIC FORMLINER MFR: RECKLI PATTERN: 20211 SAMBRE FINISH: SMOOTH COLOR: BLACK
1.1	FC-1: FIBER CEMENT PANEL, TYPE 1 MFR: EQUITONE TEXTURE: LINEA COLOR: LTS PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.2	FC-2: FIBER CEMENT PANEL, TYPE 2 MFR: EQUITONE TEXTURE: NATURA COLOR: N161 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.3	FC-3: FIBER CEMENT PANEL, TYPE 3 MFR: EQUITONE TEXTURE: TECTIVA COLOR: T230 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
2.1	ACM-1: ALUMINUM COMPOSITE PANEL, TYPE 1 MFR: ALUCOBOND COLOR: PLATINUM MICA SYSTEM: ROUTE & RETURN
2.2	ACM-2: ALUMINUM COMPOSITE PANEL, TYPE 2 MFR: ALUCOBOND COLOR: ANODIC SATIN MICA SYSTEM: ROUTE & RETURN
2.3	ACM-3: ALUMINUM COMPOSITE PANEL, TYPE 3 MFR: ALUCOBOND COLOR: BRILLIANT SILVER METALLIC SYSTEM: ROUTE & RETURN
2.4	ACM-4: ALUMINUM COMPOSITE PANEL, TYPE 4 MFR: ALUCOBOND COLOR: SERPENTINE METALLIC SYSTEM: ROUTE & RETURN
3.1	IMP-1: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9967 XL PEWTER
3.2	IMP-2: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9989 PLATINUM
4	C1: CONCRETE FACED INSULATION MFR: T-CLEAR PRODUCT: WALL GUARD PAINT: MASONRY ACRYLIC LATEX, COLOR: (P-1)
5.1	EQUIPMENT SCREENING - ROOFTOP MECH. PER SECTION 108213.13
5.2	EQUIPMENT SCREEN AT - ELEC. SUBSTATION REFERENCE CIVIL/SITE, STRUCTURAL DRAWINGS AND SPECIFICATIONS
6	SPANDREL PANEL
7	OUTRIGGER SUNSHADE
CW-#	CURTAIN WALL SYSTEM TAG
	ALL CURTAIN WALL TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
SF-#	STOREFRONT SYSTEM TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
FCW-#	FIRE RATED CURTAIN WALL TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
M	ROOF MOUNTED MECHANICAL EQUIPMENT, MULLION CAP AT SILL, JAMB AND HEAD
B-S	BOLLARD, SITE (REFERENCE CIVIL)
B-BD	BOLLARD, BOLT-DOWN
LA00	ROOFTOP ACCESS LADDER
FD-KVB	FD-KVB - FIRE DEPARTMENT KEY VAULT BOX MFR: KNOX PRODUCT: ELECTRONIC KNOXVAULT 4400 COLOR: BLACK INSTALLATION: RECESS MOUNT
DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-2	DL-2 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-5	DL-5 - DIMENSIONAL LETTER SIGNAGE, 9" TALL LETTERING, 15" TALL LETTERING CUSTOM LOGO ACRYLIC FACE - COLOR: DARK GRAY TRANSLUCENT TITANIUM SATIN BLACK RETURN FACELIT - TRIMLESS
CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
AD08	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCUPPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6/A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL



UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONALS' KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
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WARNING:
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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: SMD

DRAWN BY: JJS

FIELD CHECK:

APPROVED:

SHEET TITLE:

ENLARGED PARTIAL SOUTH EXTERIOR ELEVATION

DRAWING NUMBER: A-205

SHEET: OF

CONSULTANT:



UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONALS' KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: SMD

DRAWN BY: JJS

FIELD CHECK:

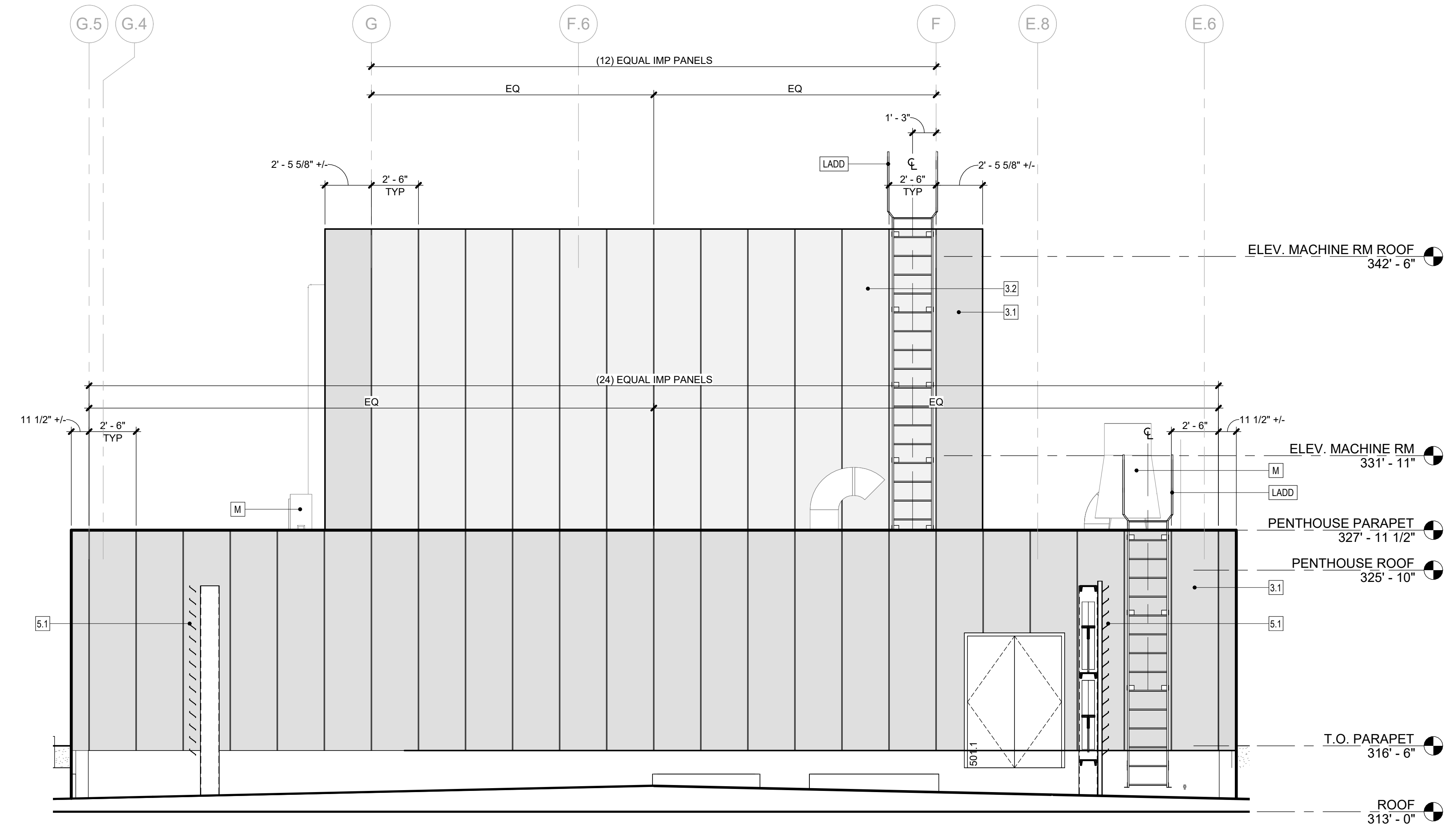
APPROVED:

SHEET TITLE: PENTHOUSE ENLARGED ELEVATIONS

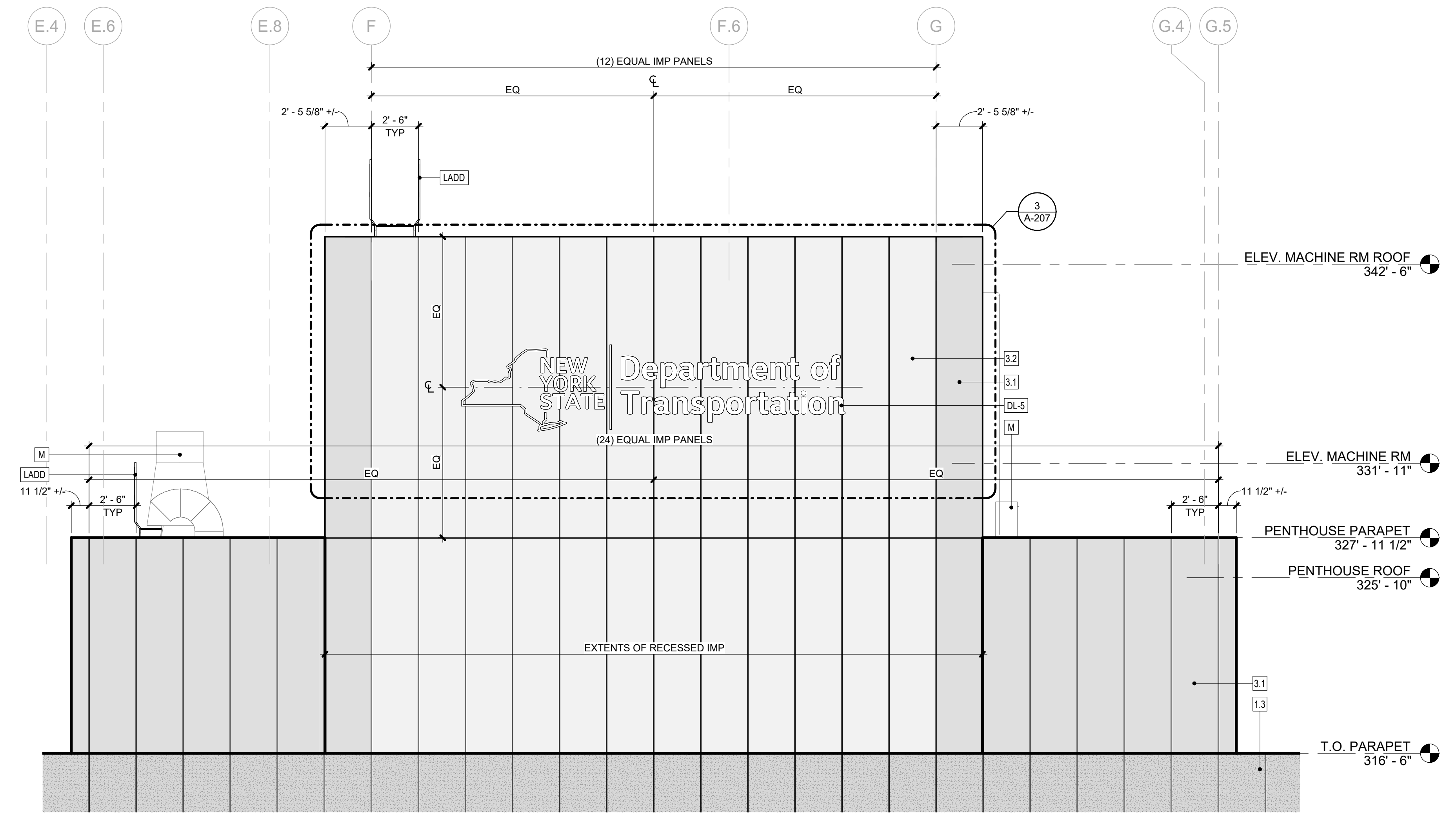
DRAWING NUMBER: A-206

SHEET: OF

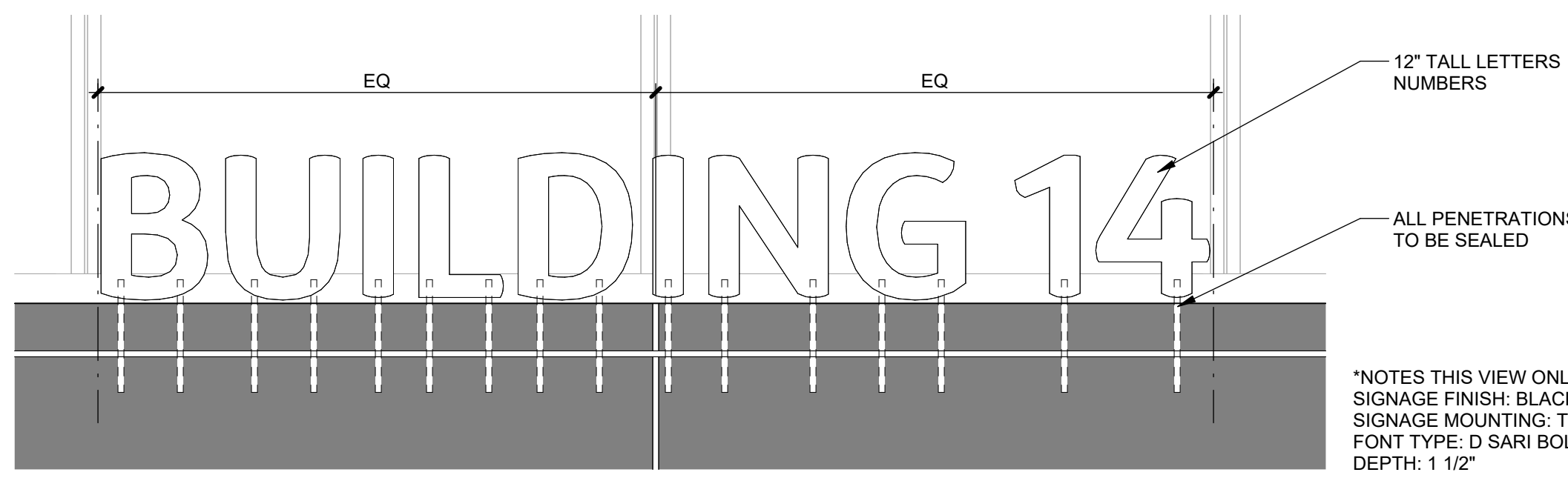
EXTERIOR COMPONENT & MATERIALS LEGEND	
TAG	COMPONENT
1.0	CP-1: CAST IN PLACE PLASTIC FORMLINER MFR: RECKLI PATTERN: 20211 SAMBRE FINISH: SMOOTH COLOR: BLACK
1.1	FC-1: FIBER CEMENT PANEL, TYPE 1 MFR: EQUITONE TEXTURE: LINEA COLOR: LTS PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.2	FC-2: FIBER CEMENT PANEL, TYPE 2 MFR: EQUITONE TEXTURE: NATURA COLOR: N161 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.3	FC-3: FIBER CEMENT PANEL, TYPE 3 MFR: EQUITONE TEXTURE: TECTIVA COLOR: T230 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
2.1	ACM-1: ALUMINUM COMPOSITE PANEL, TYPE 1 MFR: ALUCOBOND COLOR: PLATINUM MICA SYSTEM: ROUTE & RETURN
2.2	ACM-2: ALUMINUM COMPOSITE PANEL, TYPE 2 MFR: ALUCOBOND COLOR: ANODIC SATIN MICA SYSTEM: ROUTE & RETURN
2.3	ACM-3: ALUMINUM COMPOSITE PANEL, TYPE 3 MFR: ALUCOBOND COLOR: BRILLIANT SILVER METALLIC SYSTEM: ROUTE & RETURN
2.4	ACM-4: ALUMINUM COMPOSITE PANEL, TYPE 4 MFR: ALUCOBOND COLOR: SERPENTINE METALLIC SYSTEM: ROUTE & RETURN
3.1	IMP-1: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9967 XL PEWTER
3.2	IMP-2: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9989 PLATINUM
4	C1: CONCRETE FACED INSULATION MFR: T-CLEAR PRODUCT: WALL GUARD PAINT: MASONRY ACRYLIC LATEX, COLOR: (P-1)
5.1	EQUIPMENT SCREENING - ROOFTOP MECH. PER SECTION 108213.13
5.2	EQUIPMENT SCREEN AT - ELEC. SUBSTATION REFERENCE CIVIL/SITE, STRUCTURAL DRAWINGS AND SPECIFICATIONS
6	SPANDREL PANEL
7	OUTRIGGER SUNSHADE
CW-#	CURTAIN WALL SYSTEM TAG
	ALL CURTAIN WALL TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
SF-#	STOREFRONT SYSTEM TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
FCW-#	FIRE RATED CURTAIN WALL TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
M	ROOF MOUNTED MECHANICAL EQUIPMENT, SEE MEP DRAWINGS
B-S	BOLLARD, SITE (REFERENCE CIVIL)
B-BD	BOLLARD, BOLT-DOWN
LADD	ROOFTOP ACCESS LADDER
FD-KVB	FD-KVB - FIRE DEPARTMENT KEY VAULT BOX MFR: KNOX PRODUCT: ELECTRONIC KNOXVAULT 4400 COLOR: BLACK INSTALLATION: RECESS MOUNT
DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-2	DL-2 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
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CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
AD08	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCUPPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6 / A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL



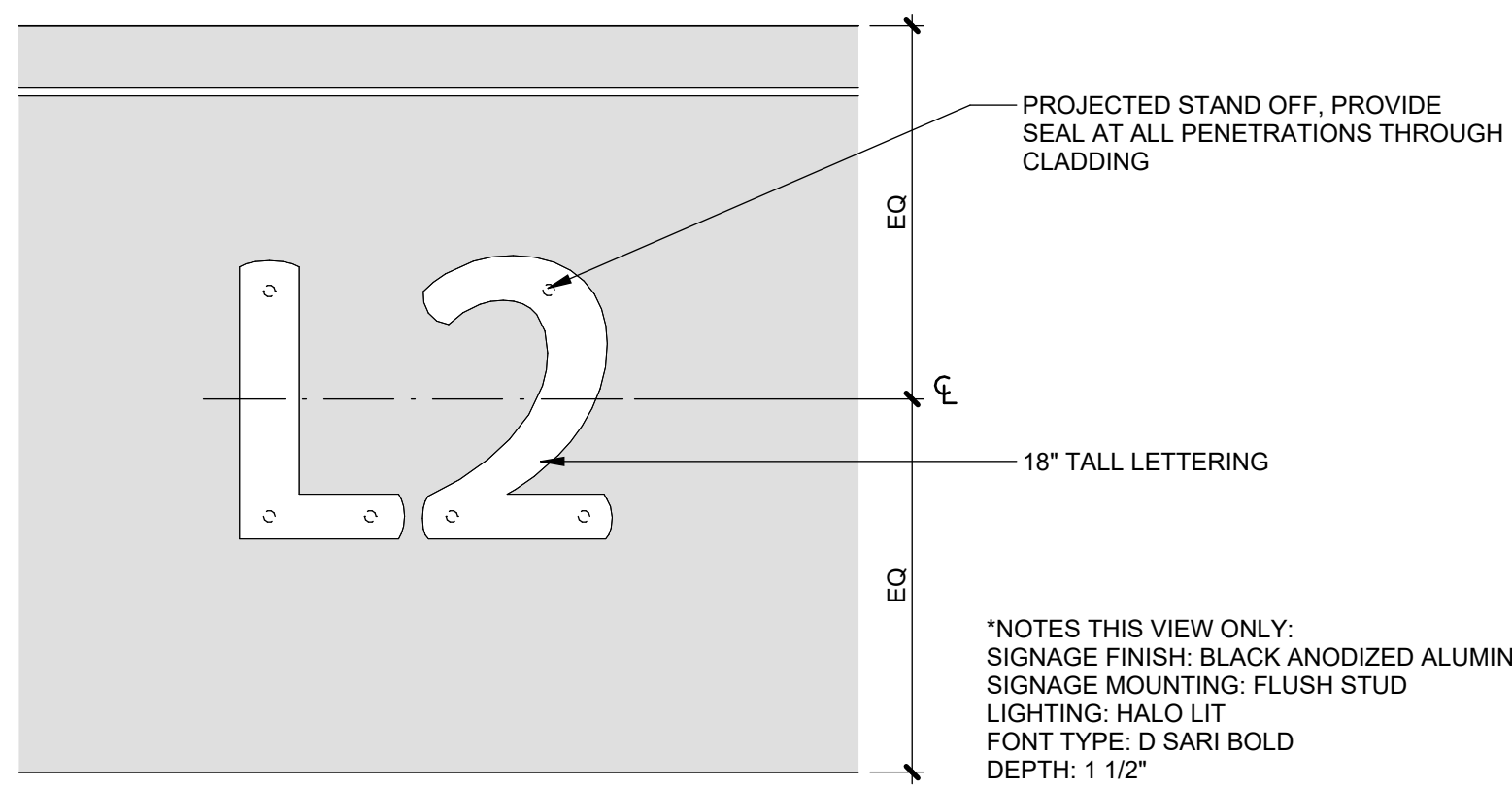
2 PENTHOUSE ENLARGED ELEVATION - EAST
1/4" = 1'-0"



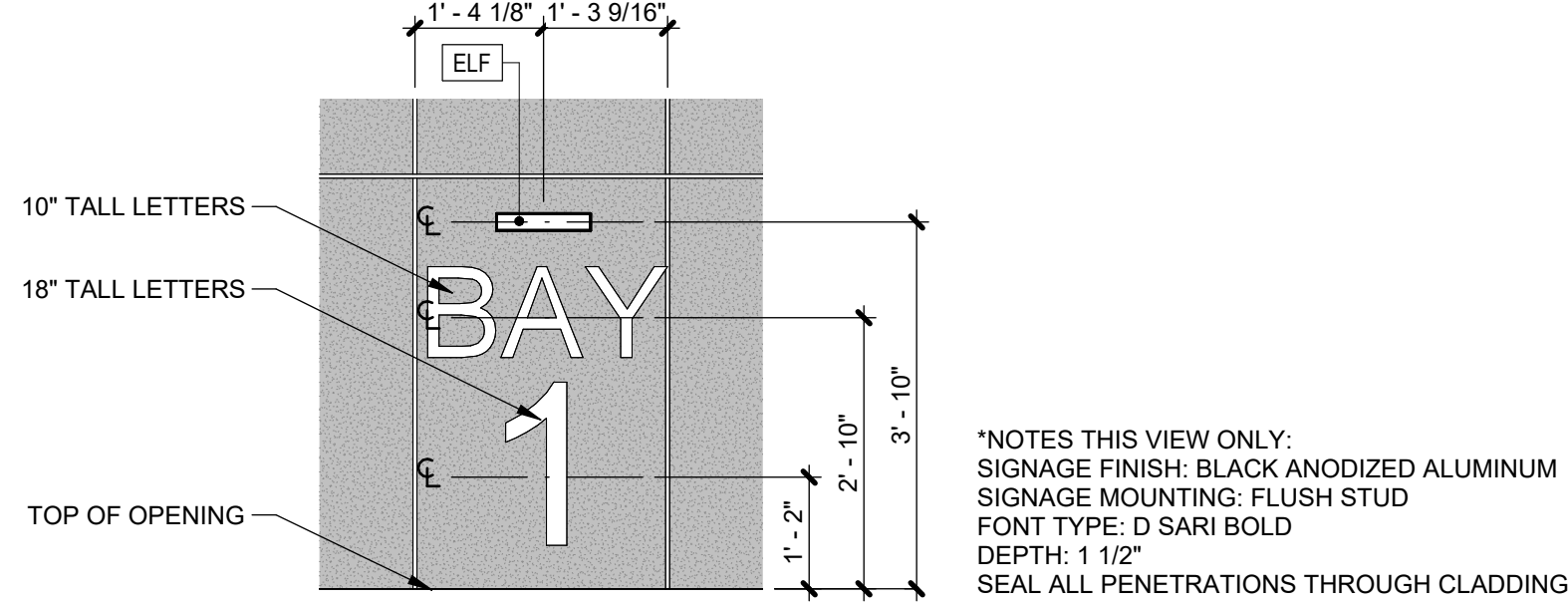
1 PENTHOUSE ENLARGED ELEVATION - WEST
1/4" = 1'-0"



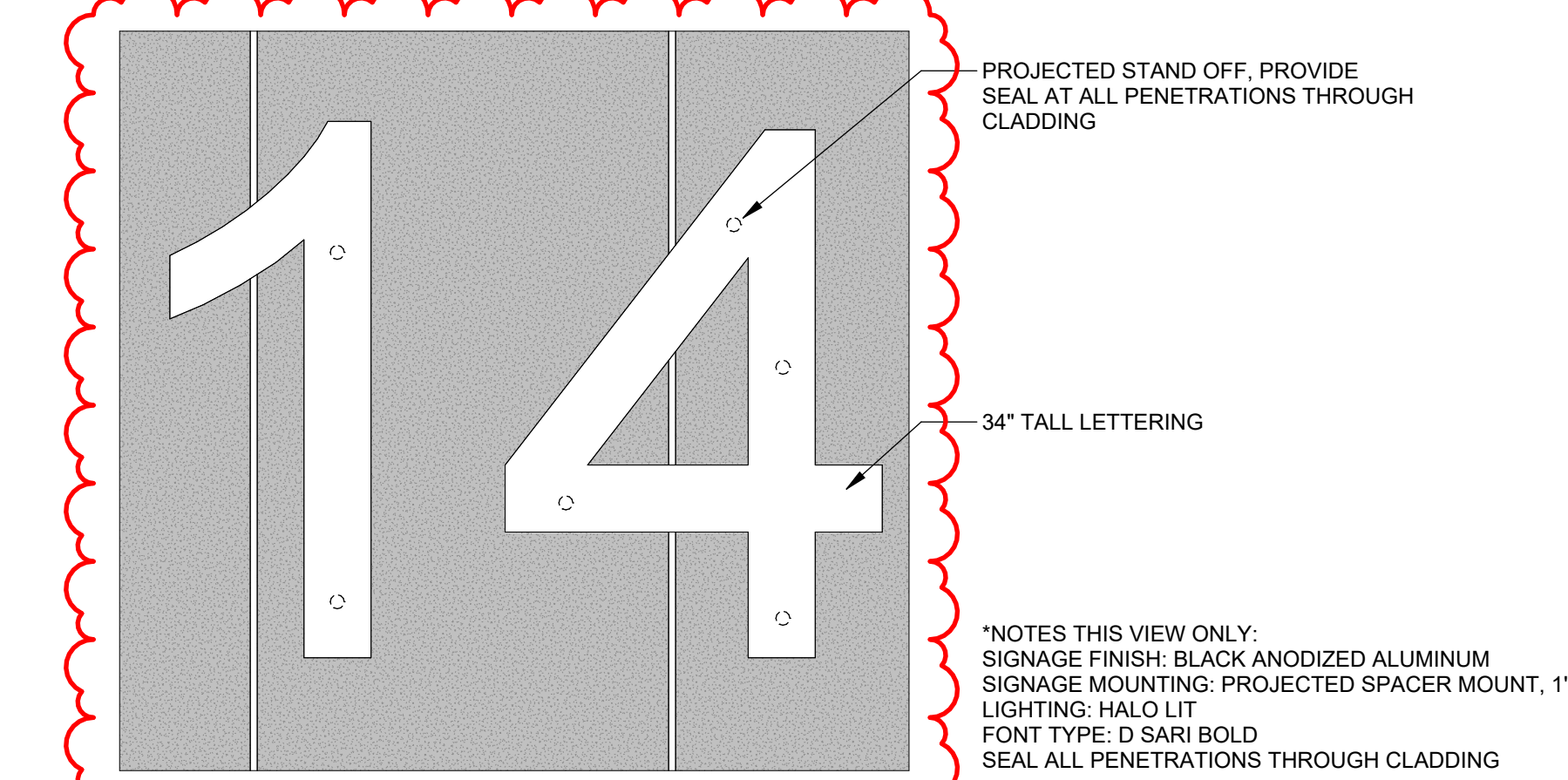
8 DL-1 - ENLARGED ELEVATION
1" = 1'-0"



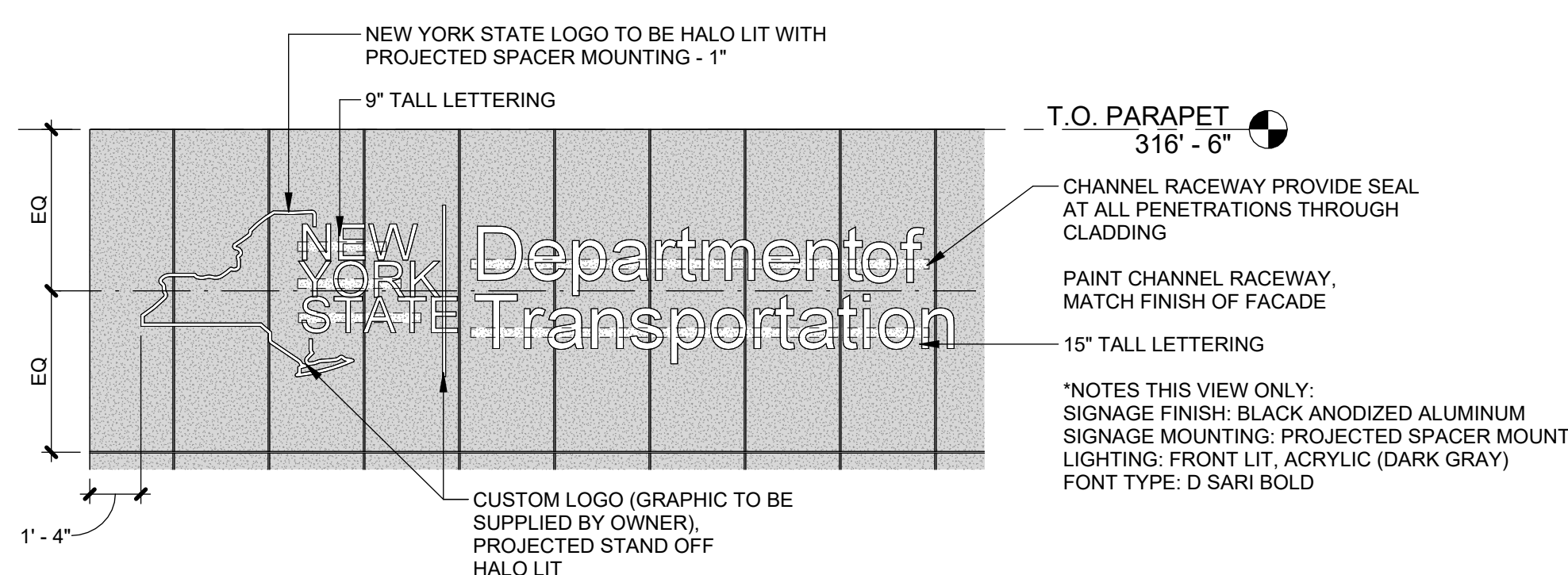
7 DL-2 - ENLARGED ELEVATION
1" = 1'-0"



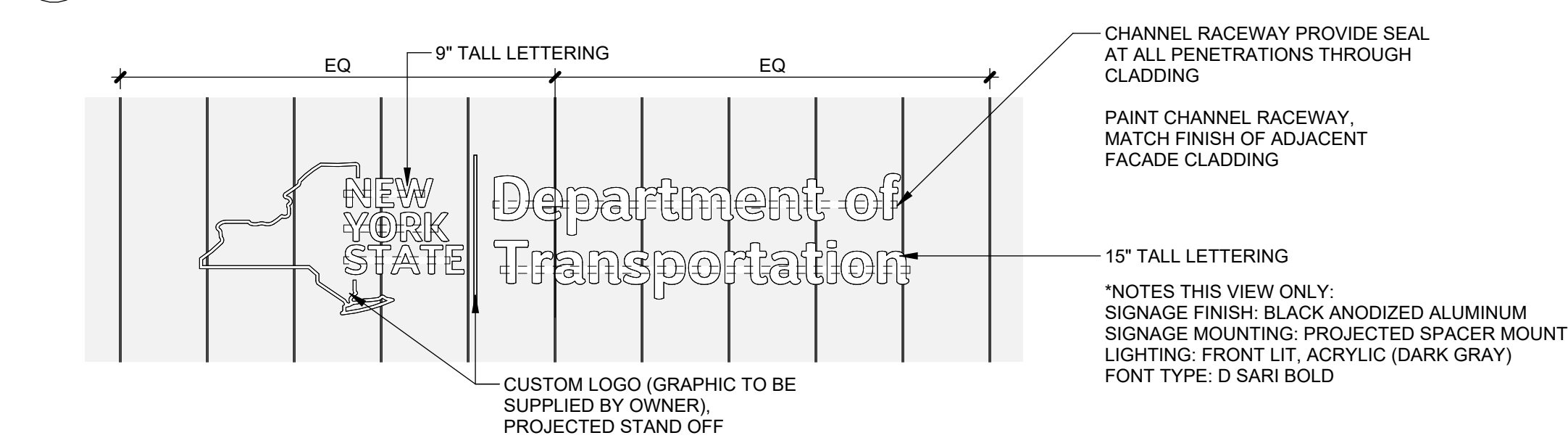
6 DL-3 - ENLARGED ELEVATION
1/2" = 1'-0"



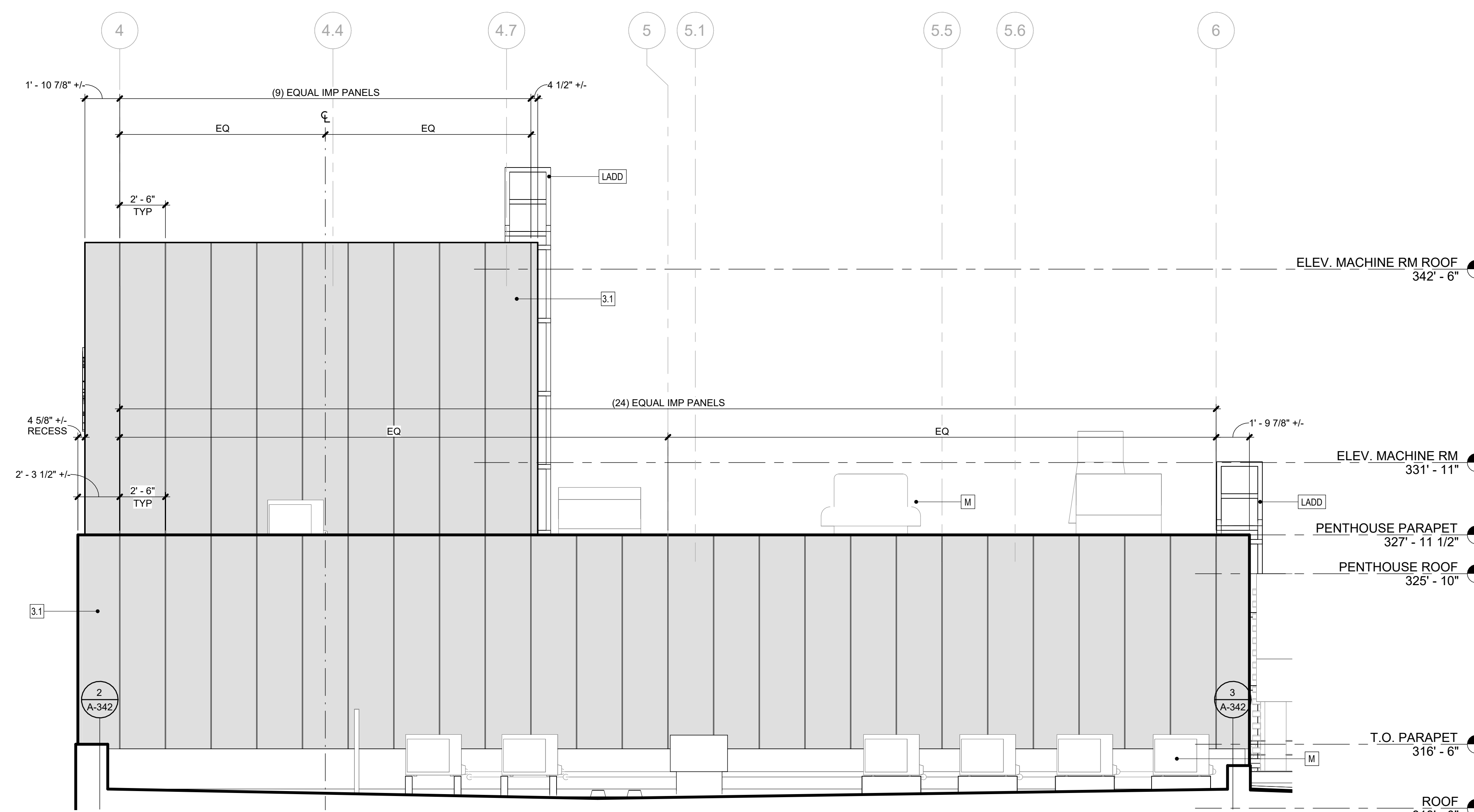
5 DL-4 - ENLARGED ELEVATION
1" = 1'-0"



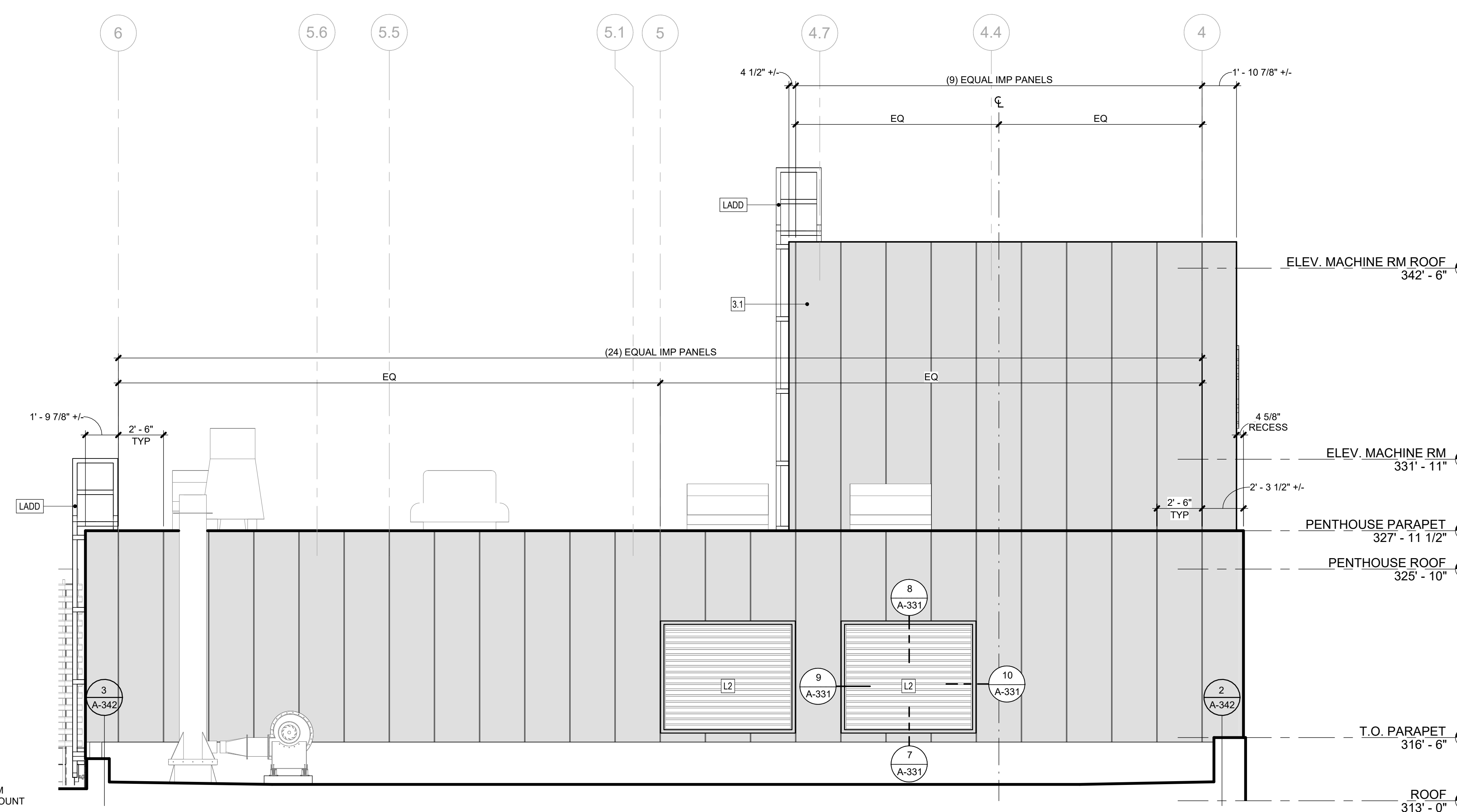
4 DL-5 - EAST ENGLAND ELEVATION
1/4" = 1'-0"



3 DL-5 SIGNAGE - WEST PENTHOUSE ENLARGED ELEVATION
1/4" = 1'-0"



2 PENTHOUSE ENLARGED ELEVATION - SOUTH
1/4" = 1'-0"



1 PENTHOUSE ENLARGED ELEVATION - NORTH
1/4" = 1'-0"

EXTERIOR COMPONENT & MATERIALS LEGEND	
MATERIALS AND PRODUCTS LISTED BELOW ARE BASIS OF DESIGN SELECTIONS. REFERENCE SPECIFICATIONS FOR APPROVED EQUAL MATERIALS AND PRODUCTS.	
TAG	COMPONENT
1.0	CP-1: CAST IN PLACE PLASTIC FORMLINER MFR: RECKLI PATTERN: 20211 SAMBRE FINISH: SMOOTH COLOR: BLACK
1.1	FC-1: FIBER CEMENT PANEL, TYPE 1 MFR: EQUITONE TEXTURE: LINEA COLOR: LTS PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.2	FC-2: FIBER CEMENT PANEL, TYPE 2 MFR: EQUITONE TEXTURE: NATURA COLOR: N161 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
1.3	FC-3: FIBER CEMENT PANEL, TYPE 3 MFR: EQUITONE TEXTURE: TECTIVA COLOR: T20 PANEL THICKNESS: 8MM SYSTEM: FACE FIXING
2.1	ACM-1: ALUMINUM COMPOSITE PANEL, TYPE 1 MFR: ALUCOBOND COLOR: PLATINUM MICA SYSTEM: ROUTE & RETURN
2.2	ACM-2: ALUMINUM COMPOSITE PANEL, TYPE 2 MFR: ALUCOBOND COLOR: ANODIC SATIN MICA SYSTEM: ROUTE & RETURN
2.3	ACM-3: ALUMINUM COMPOSITE PANEL, TYPE 3 MFR: ALUCOBOND COLOR: BRILLIANT SILVER METALLIC SYSTEM: ROUTE & RETURN
2.4	ACM-4: ALUMINUM COMPOSITE PANEL, TYPE 4 MFR: ALUCOBOND COLOR: SERPENTINE METALLIC SYSTEM: ROUTE & RETURN
3.1	IMP-1: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9967 XL PEWTER
3.2	IMP-2: INSULATED METAL PANEL MFR: CENTRIA PRODUCT: FORMAWALL COLOR: #9989 PLATINUM
4	C1: CONCRETE FACED INSULATION MFR: T-CLEAR PRODUCT: WALL GUARD PAINT: MASONRY ACRYLIC LATEX, COLOR: (P-1)
5.1	EQUIPMENT SCREENING - ROOFTOP MECH. PER SECTION 108213.13
5.2	EQUIPMENT SCREEN AT - ELEC. SUBSTATION REFERENCE CIVIL/SITE, STRUCTURAL DRAWINGS AND SPECIFICATIONS
6	SPANDREL PANEL
7	OUTRIGGER SUNSHADE
CW-#	CURTAIN WALL SYSTEM TAG
	ALL CURTAIN WALL TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
SF-#	STOREFRONT SYSTEM TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
FW-#	FIRE RATED CURTAIN WALL TAG
	ALL STOREFRONT TYPES TO RECEIVE CUSTOM MULLION CAP AT SILL, JAMB AND HEAD
M	ROOF MOUNTED MECHANICAL EQUIPMENT, SEE MEP DRAWINGS
B.S	BOLLARD, SITE (REFERENCE CIVIL)
B-8D	BOLLARD, BOLT-DOWN
LADD	ROOFTOP ACCESS LADDER
FD-KVB	FD-KVB - FIRE DEPARTMENT KEY VAULT BOX MFR: KNOX PRODUCT: ELECTRONIC KNOXVAULT 4400 COLOR: BLACK INSTALLATION: RECESS MOUNT
DL-1	DL-1 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, BOTTOM BACK ANGLE BRACKET CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-2	DL-2 - DIMENSIONAL LETTER SIGNAGE, 12" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-3	DL-3 - DIMENSIONAL LETTER SIGNAGE, 8" TALL LETTERS, 12" TALL NUMBERS PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED NO LIGHTING
DL-4	DL-4 - DIMENSIONAL LETTER SIGNAGE, 24" TALL, PROJECTED STAND OFF CAST ALUMINUM, BLACK ANODIZED HALO LIT
DL-5	DL-5 - DIMENSIONAL LETTER SIGNAGE, 9" TALL LETTERING, 15" TALL LETTERING CUSTOM LOGO ACRYLIC FACE - COLOR: DARK GRAY TRANSLUCENT TITANIUM SATIN BLACK RETURN FACELIT - TRIMLESS
CR	CR - CARD READER (DOOR ACCESS CONTROL, SEE SECURITY DWGS)
FDC	FDC - FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION DWGS
PTC	PTC - PUMP TEST CONNECTION, SEE FIRE PROTECTION DWGS
DN	DN - DOWNSPOUT NOZZLE/COVER, SEE PLUMBING DWGS
ADOB	AUTOMATIC DOOR OPERATOR BOLLARD - SEE DOOR HARDWARE SPECIFICATION
ELF	EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
L1	LOUVER, REFER TO MECHANICAL
L2	LOUVER, REFER TO MECHANICAL
S	THROUGH WALL SCUPPER MATCH ADJACENT COLOR OF FACADE
BS	THROUGH WALL BUSWAY SYSTEM, - SEE ELECTRICAL DRAWINGS PENETRATION DETAIL: 6/A-620
W	WATER HEATER VENT, REFER TO MECHANICAL
D	DRYER VENT, REFER TO MECHANICAL

NEW YORK STATE Office of General Services

CONSULTANT:

CMA

envision ARCHITECTS

UNIFORM CODE STATEMENT:
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REGISTERED ARCHITECT
ALEXANDER J. JAMIC
STATE OF NEW YORK
REGISTRATION EXPIRES: 03/31/2025

CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK: 3 DATE: 03/25/26 ADDENDUM 3 01/13/26 BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: SMD

DRAWN BY: JJS

FIELD CHECK:

APPROVED:

SHEET TITLE: PENTHOUSE ENLARGED ELEVATIONS

DRAWING NUMBER: A-207

SHEET: OF

Autodesk Docs://47528 DOT Lab Building/082990_OGS-DOT-LabBuilding_ARCH-CORE_R23.rvt 3/25/26 3:45:57 PM 42x30 PLOT SHEET

CONSULTANT:

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MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: SMD

DRAWN BY: JJS

FIELD CHECK:

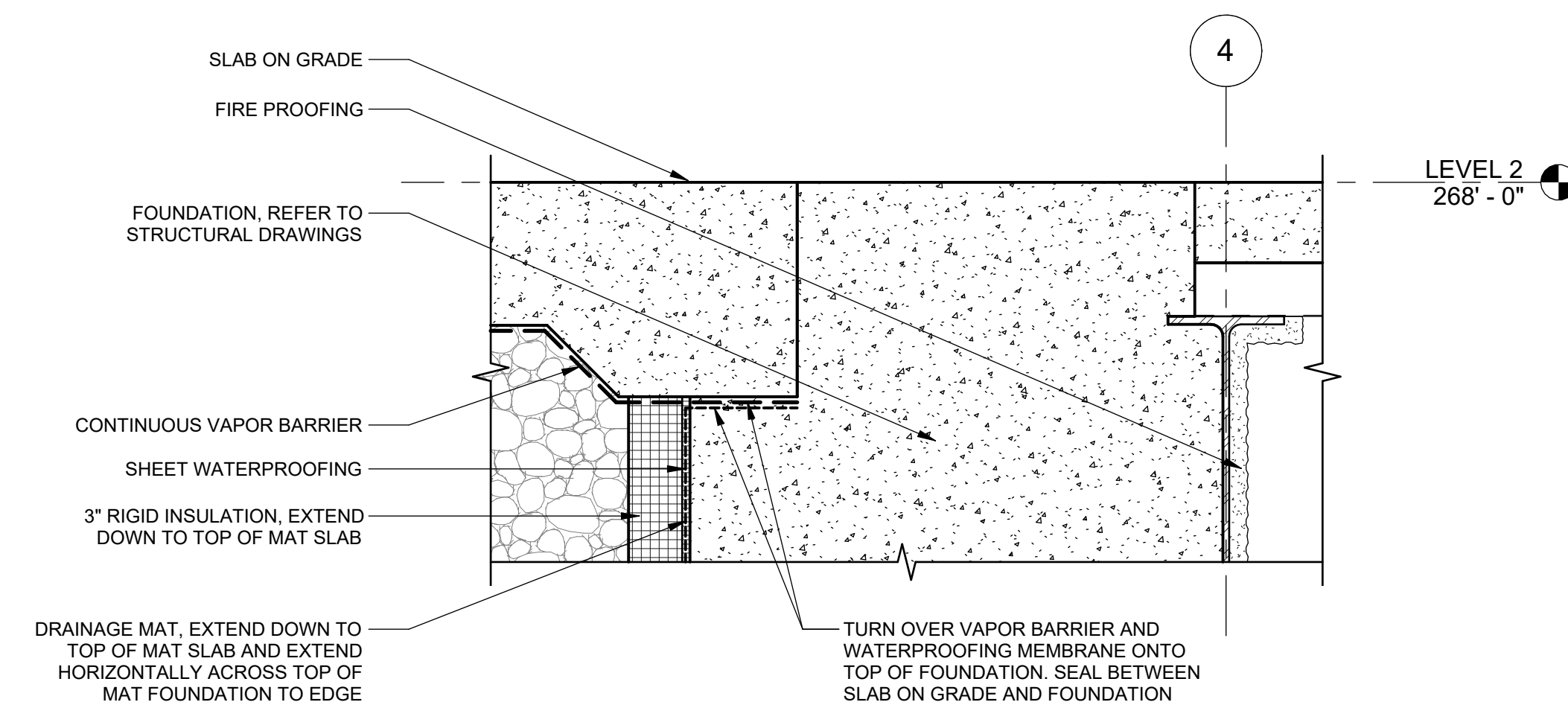
APPROVED:

SHEET TITLE:

ENVELOPE DETAILS

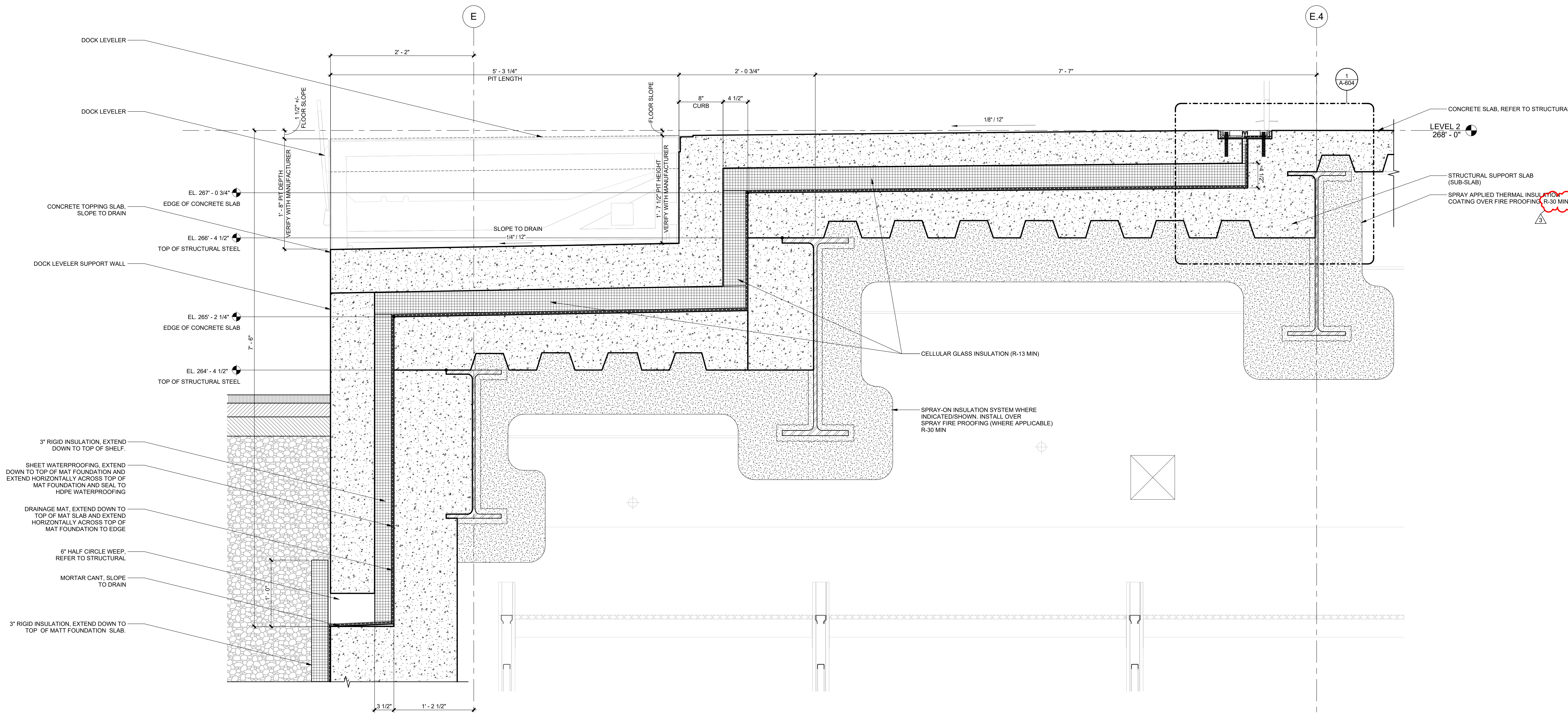
DRAWING NUMBER: A-337

SHEET: OF



2 TRANS. BETWEEN SLAB ON GRADE AND FOUNDATION

1 1/2" = 1'-0"



1 SECTION AT LOADING DOCK

1 1/2" = 1'-0"

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MARK	DATE	ADDENDUM	DESCRIPTION
3	03/25/26	ADDENDUM 3	
	01/13/26	BID DOCUMENT	

PROJECT NUMBER: 47528-C

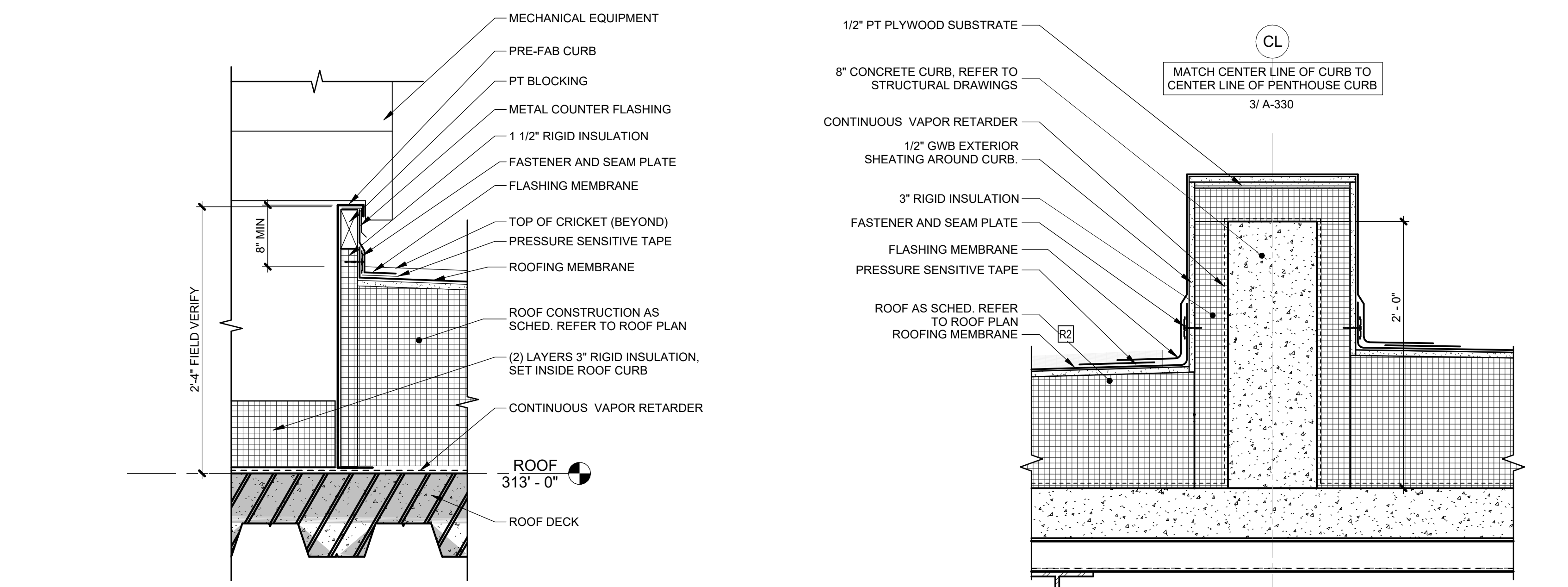
DESIGNED BY: SMD
DRAWN BY: JMR

FIELD CHECK:
APPROVED:

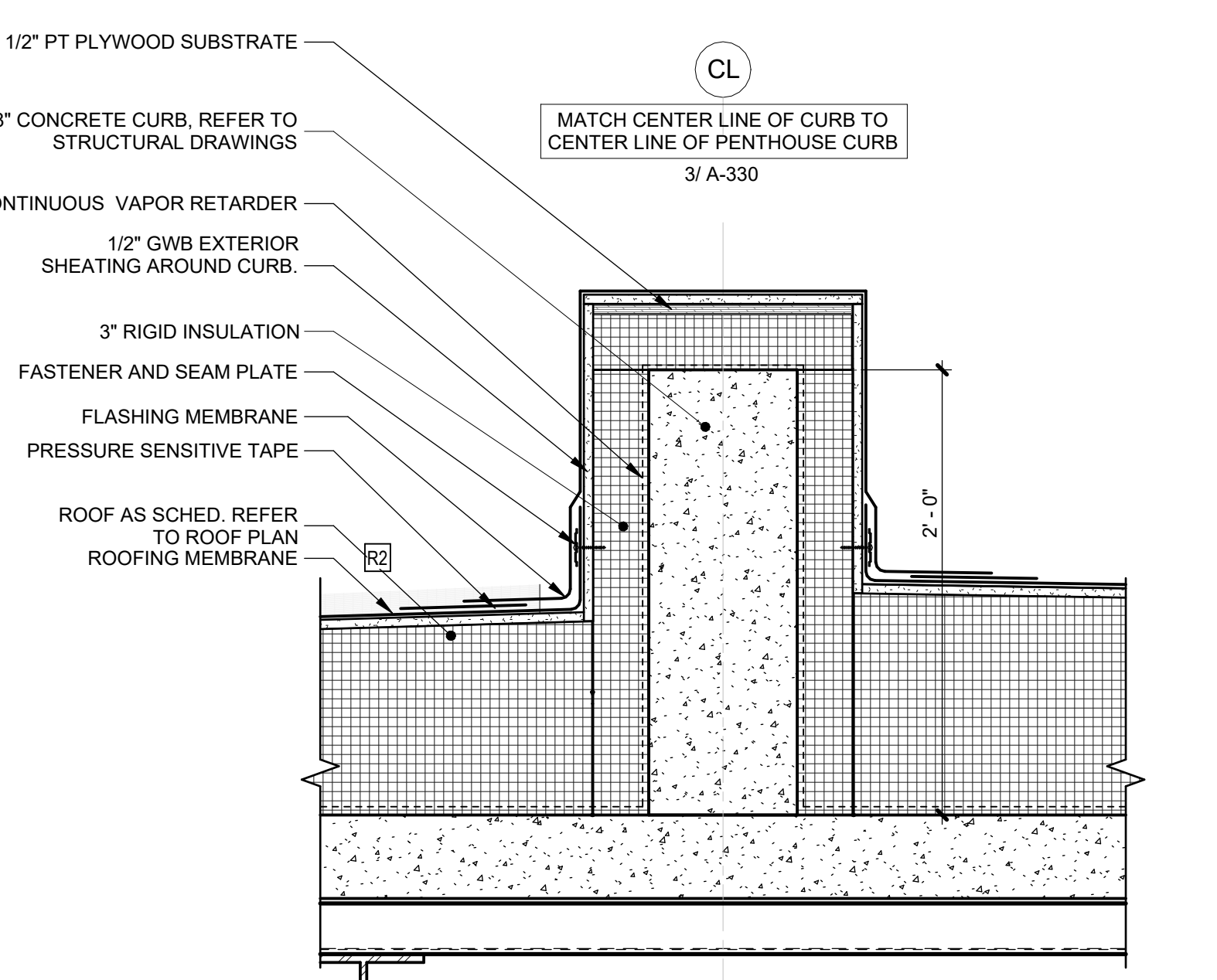
SHEET TITLE: ENVELOPE DETAILS - ROOF

DRAWING NUMBER: A-339

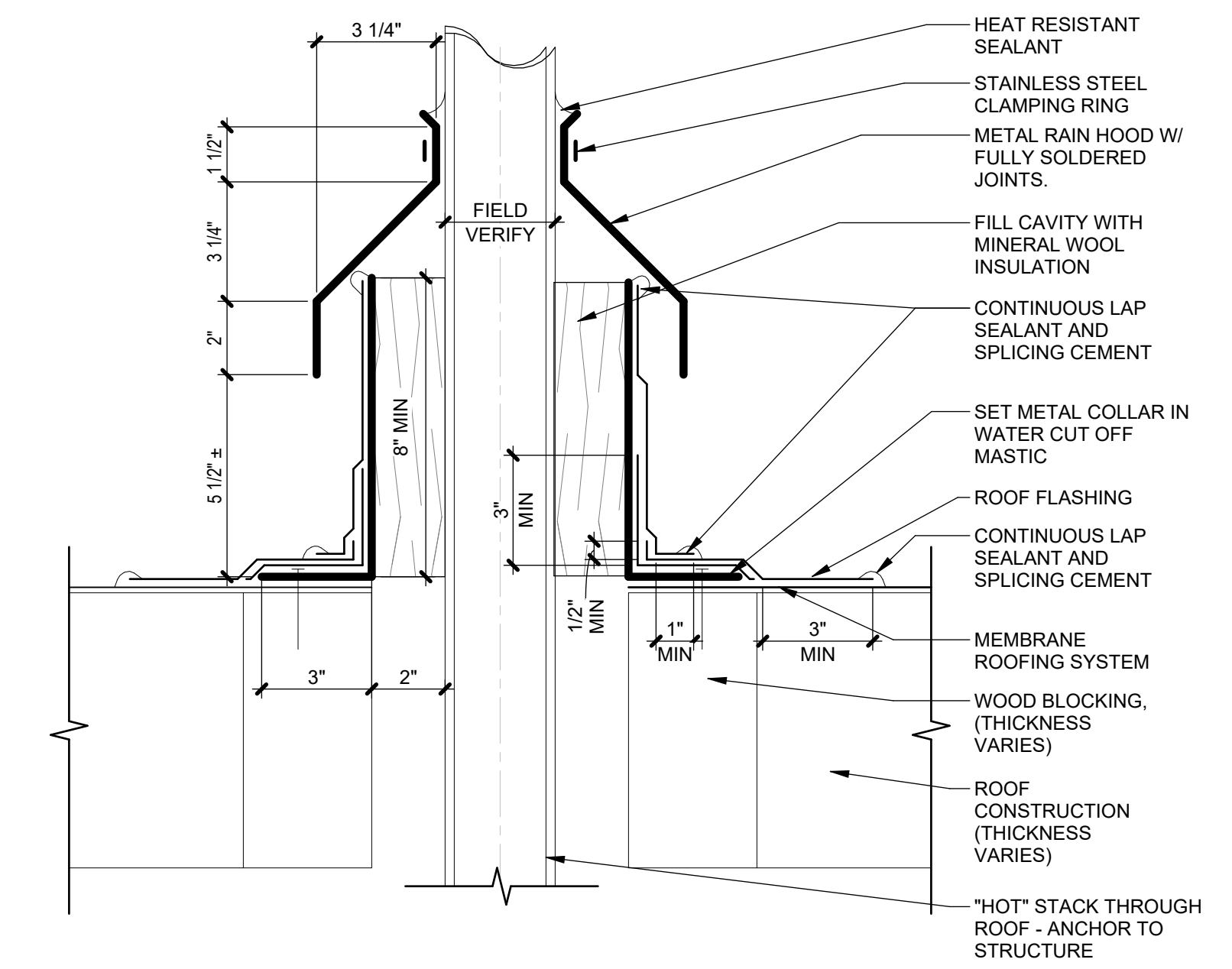
SHEET: OF



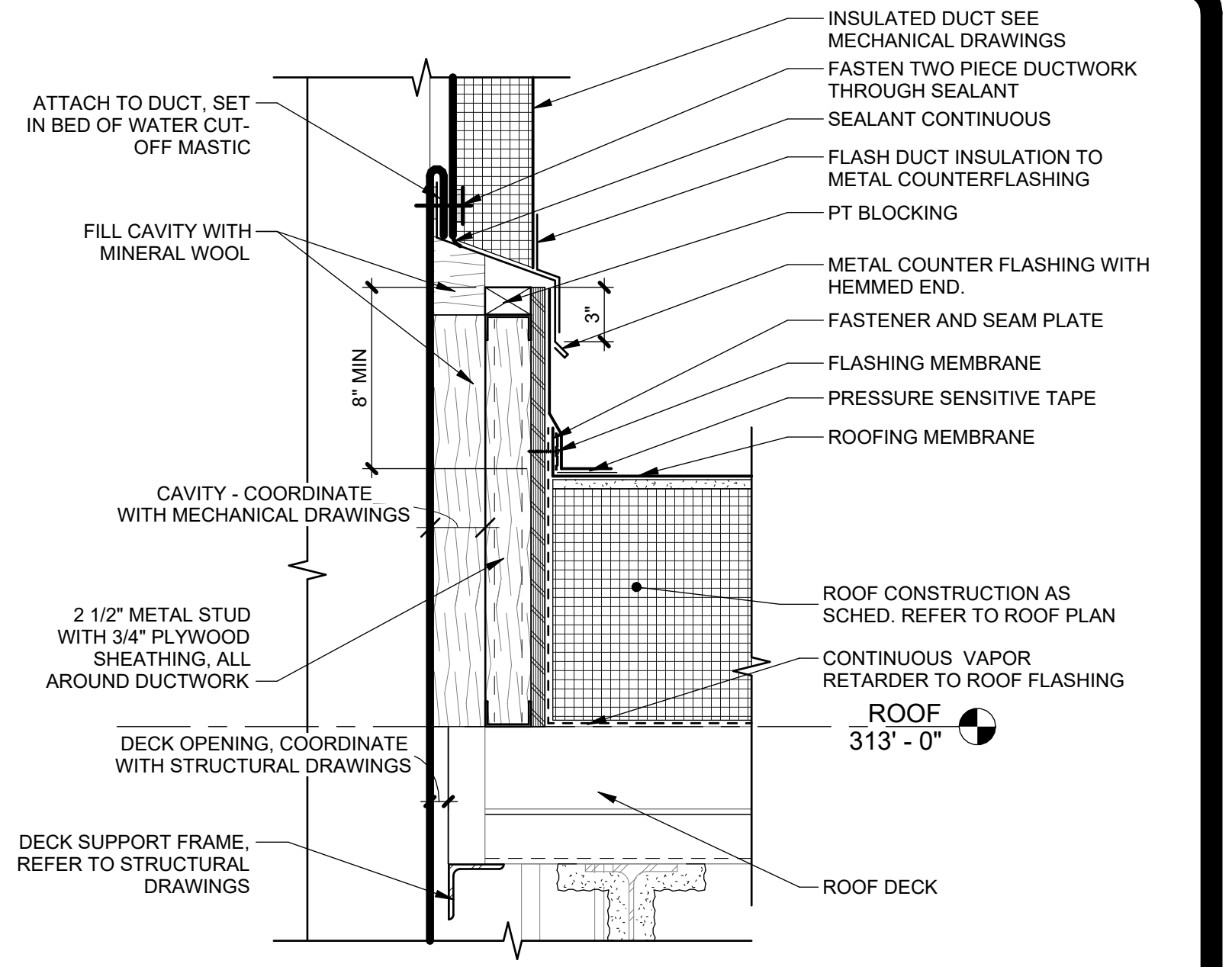
14 SECTION THRU MECHANICAL EQUIPMENT CURB
1 1/2" = 1'-0"



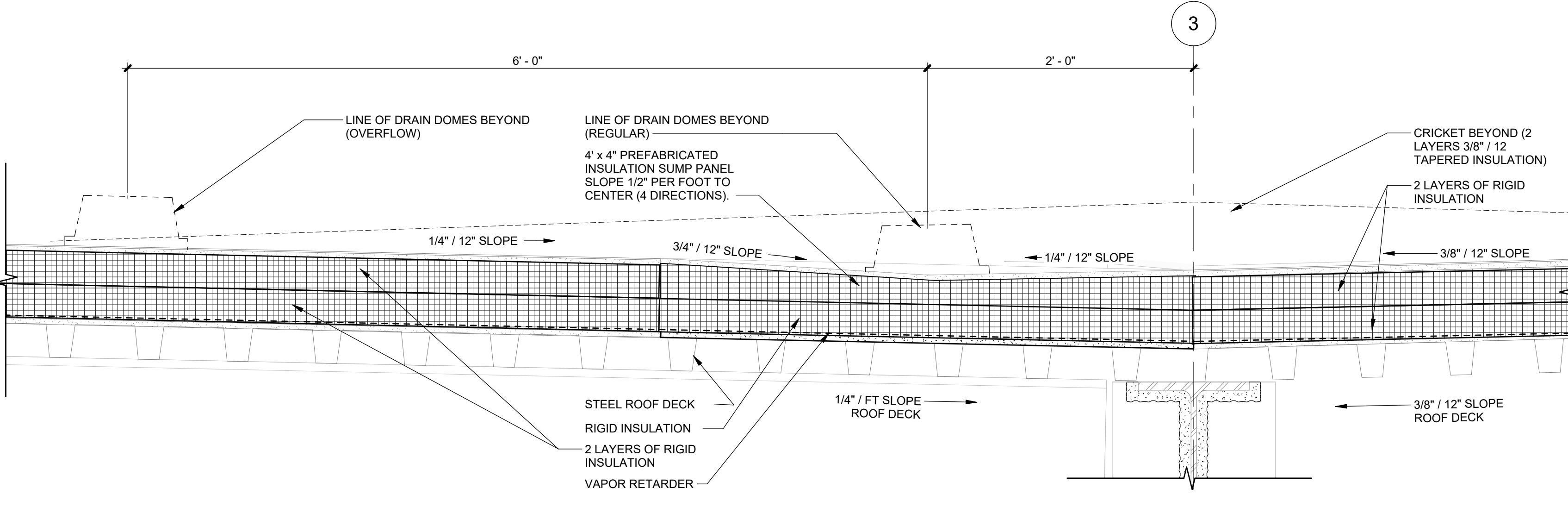
13 ROOF TO ROOF CURB
1 1/2" = 1'-0"



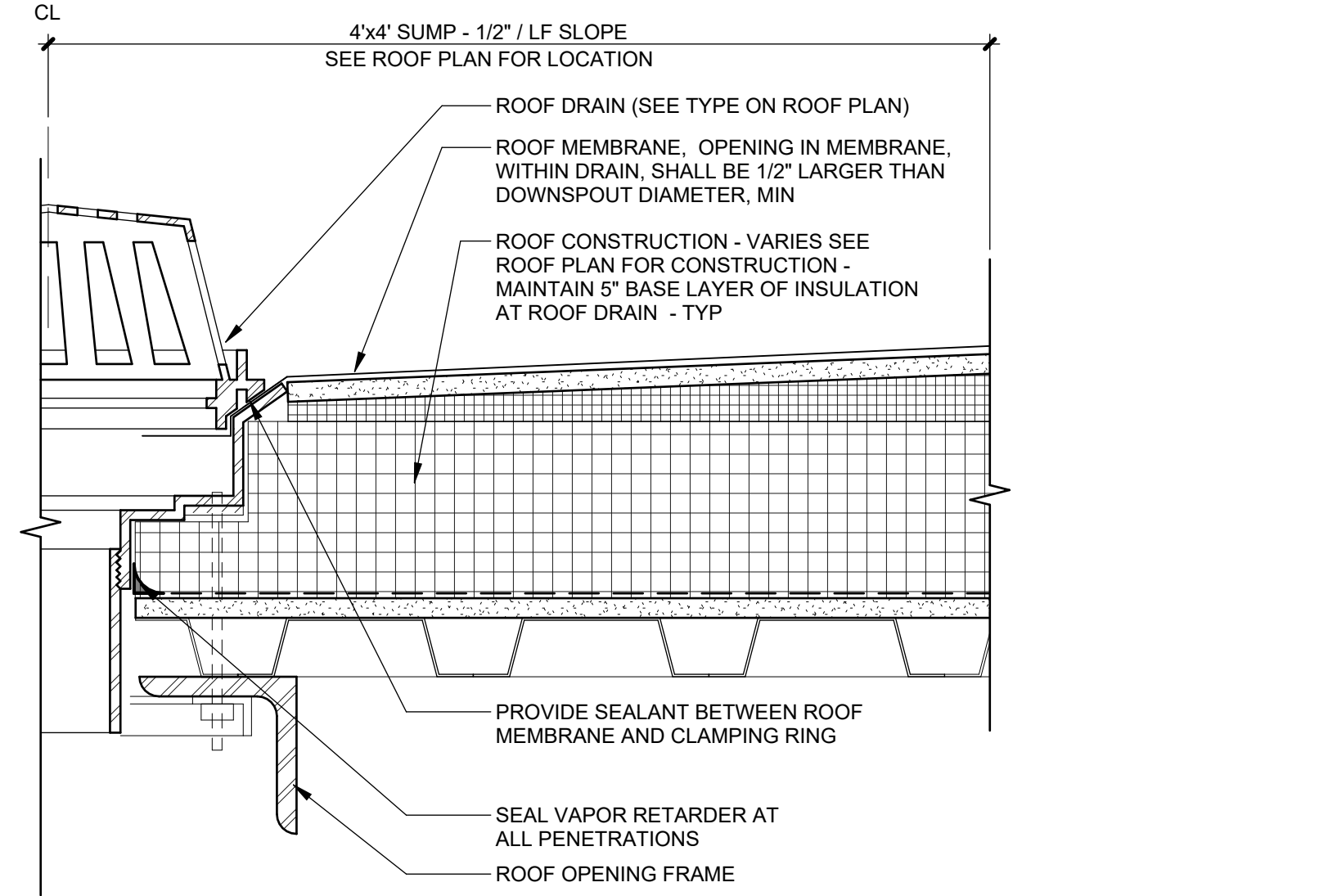
12 DETAIL @ HOT STACK
3" = 1'-0"



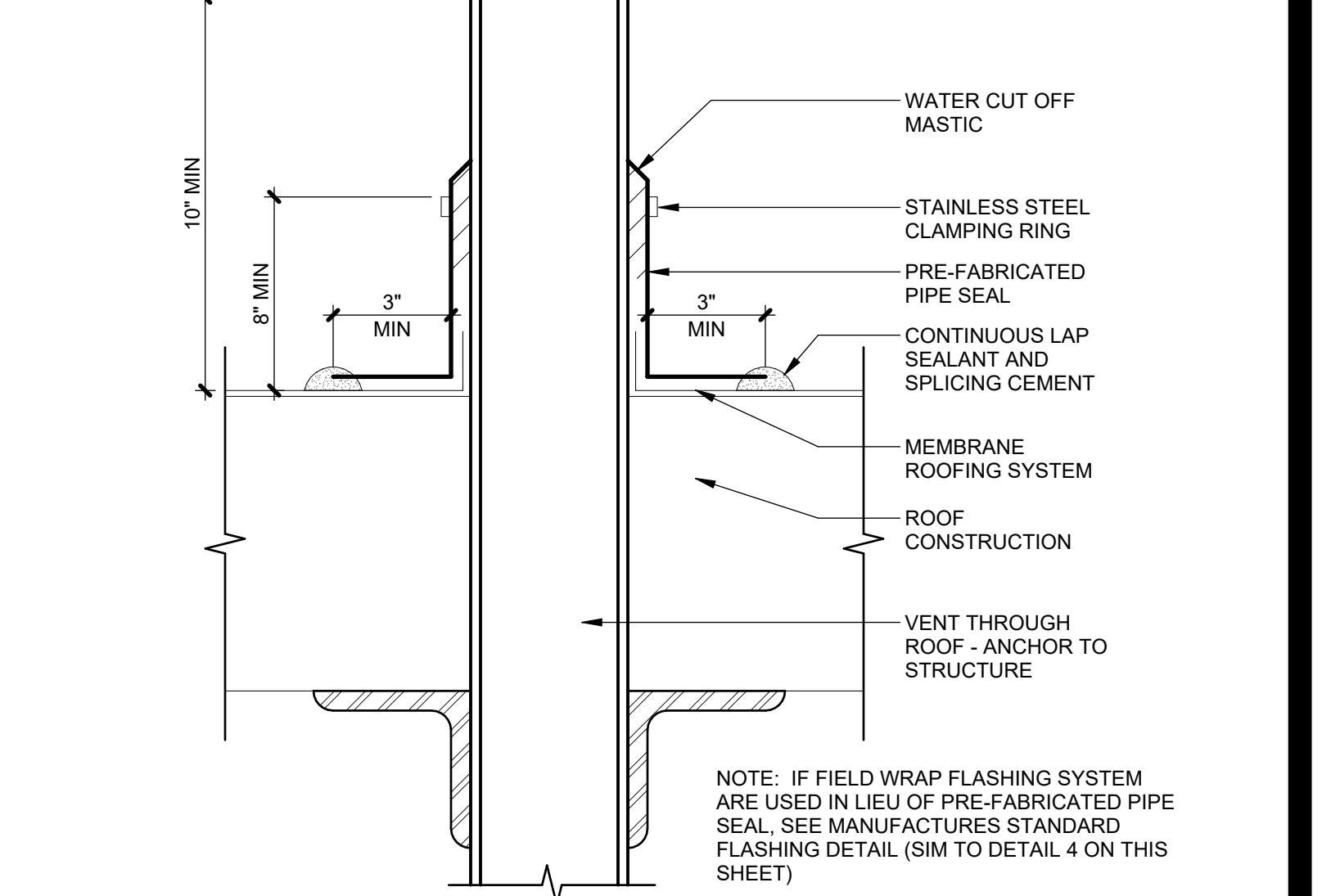
11 SECTION THRU DUCT PENETRATION
1 1/2" = 1'-0"



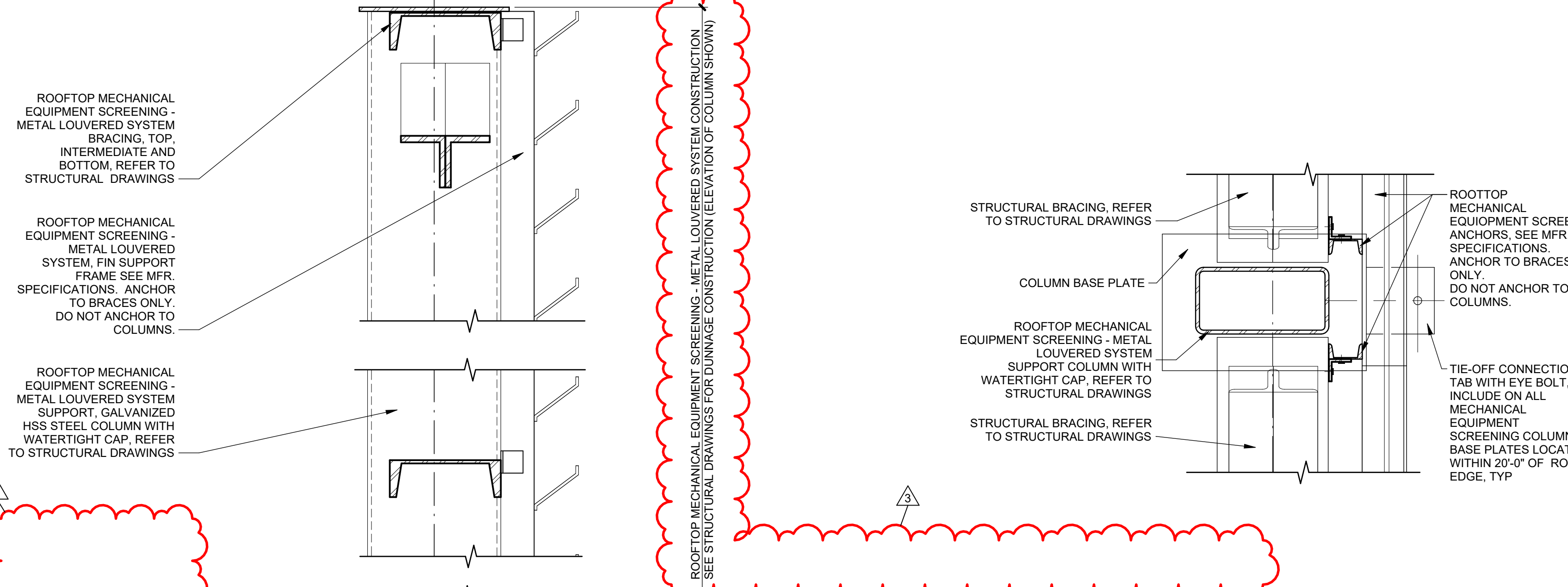
10 ROOF DRAIN SUMP AND OVERFLOW DRAIN ON STRUCTURAL SLOPED ROOF DECK
1 1/2" = 1'-0"



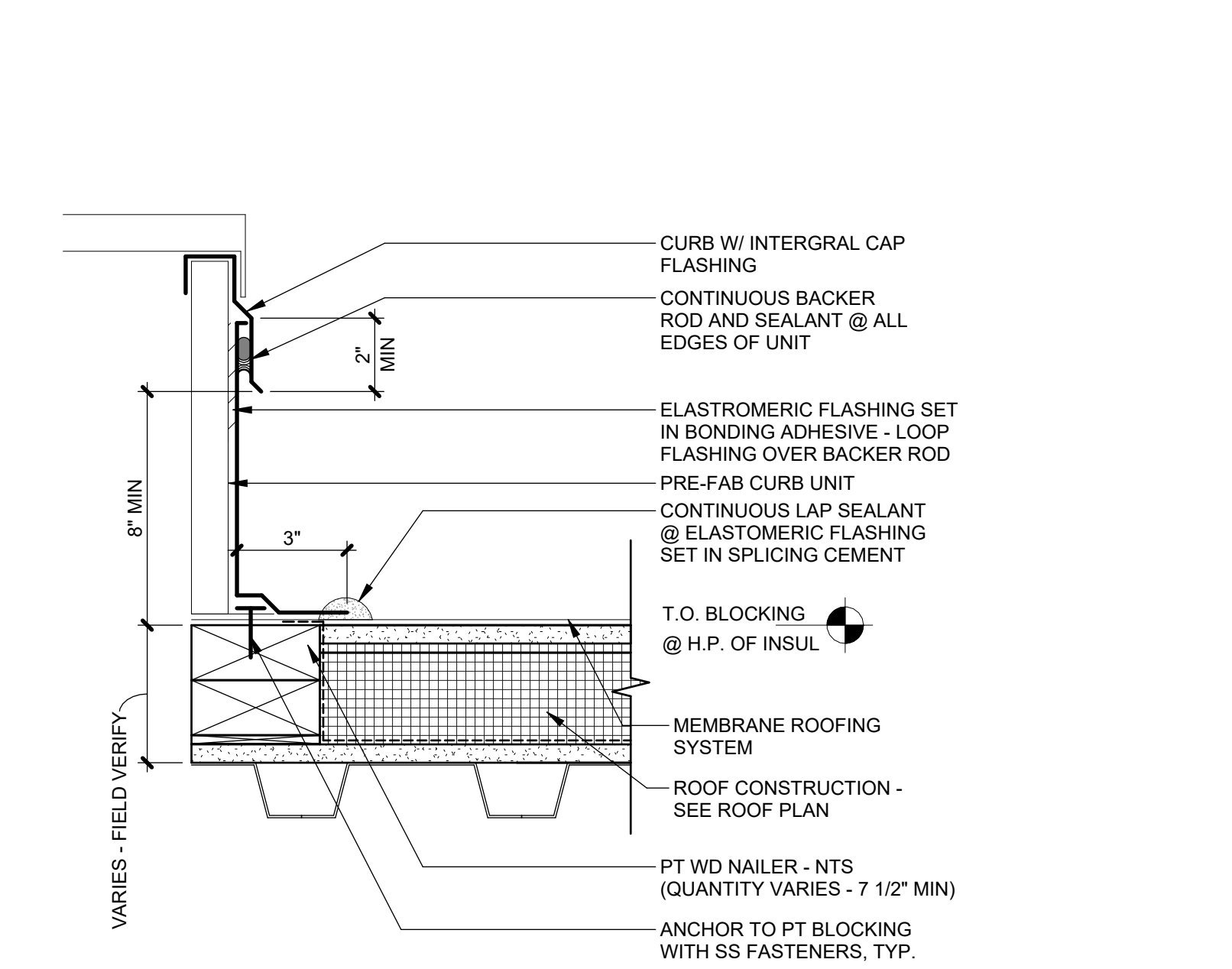
9 TYP. MEMBRANE @ ROOF DRAIN
3" = 1'-0"



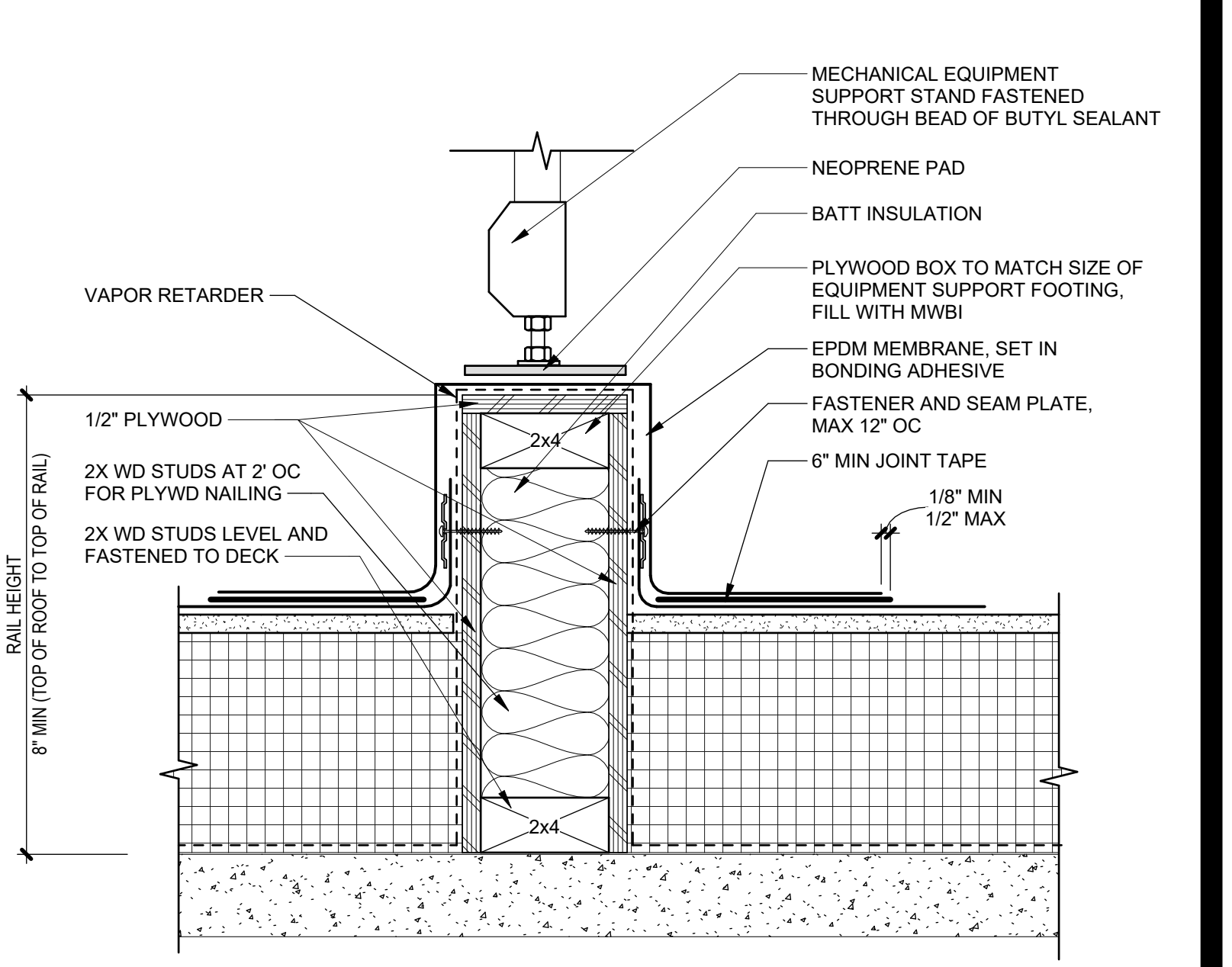
8 DETAIL @ VENT PIPING
3" = 1'-0"



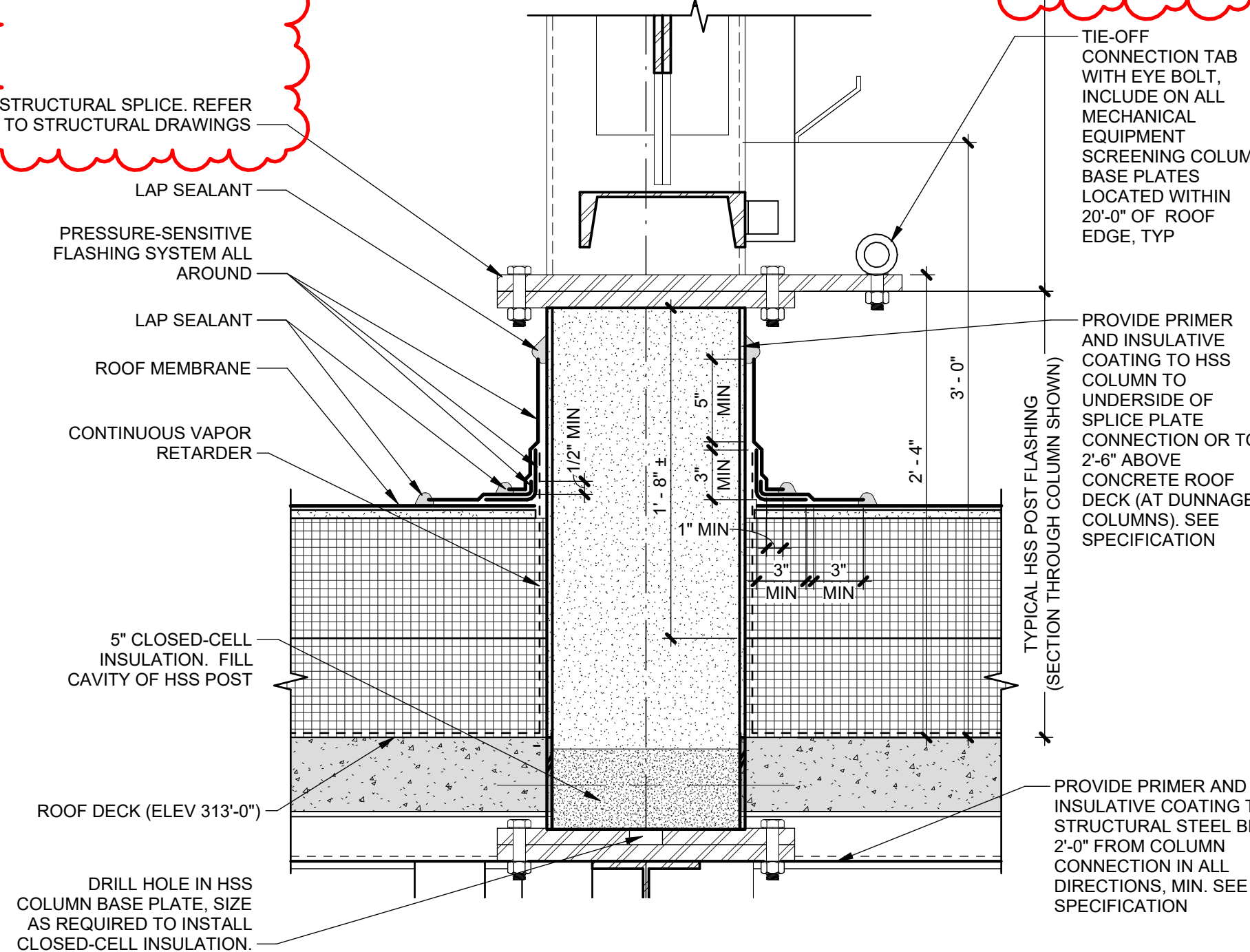
7 PLAN VIEW - ROOF SCREEN INTERMEDIATE POST DETAIL
1 1/2" = 1'-0"



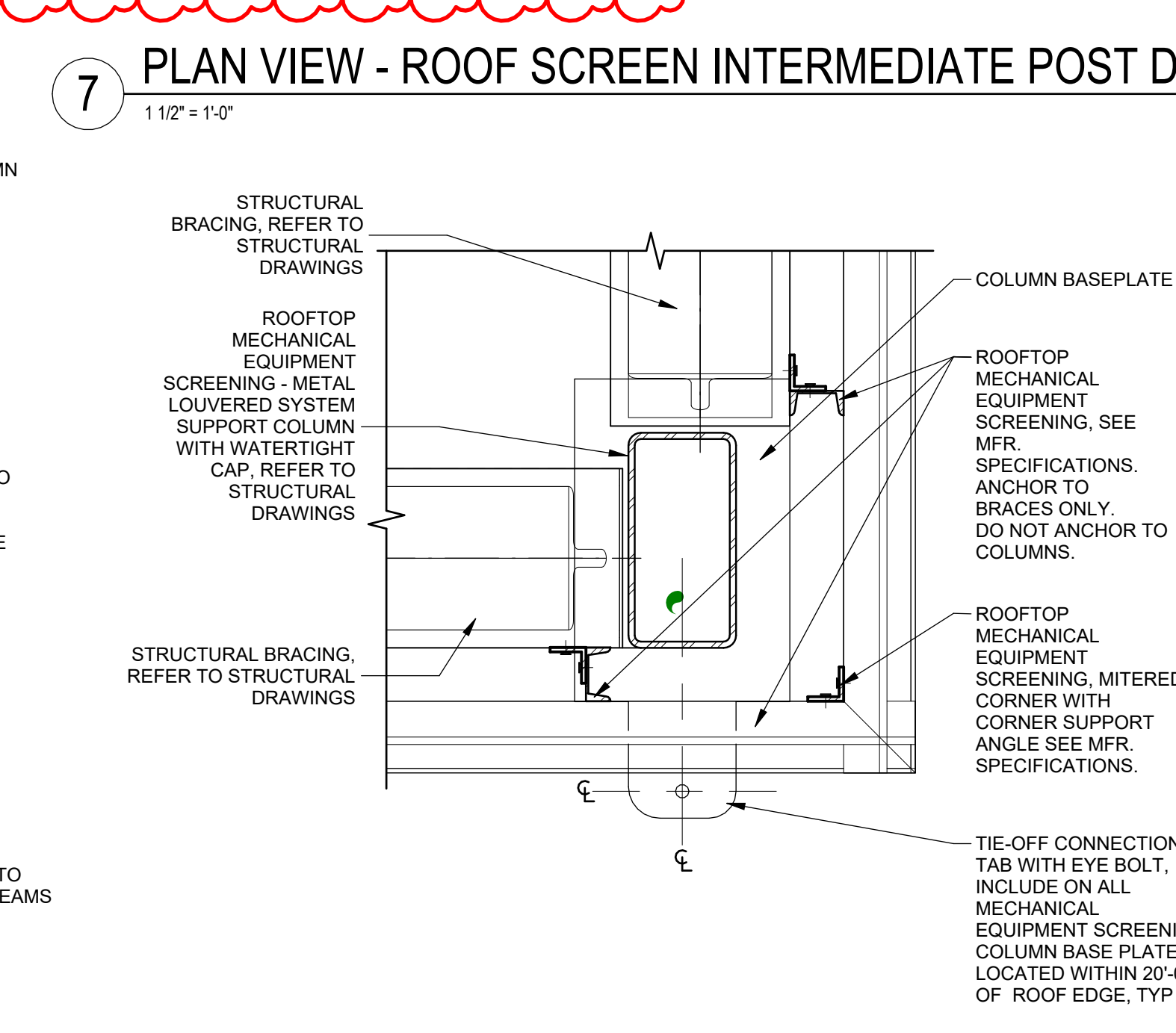
6 VERTICAL TERMINATION @ ROOF TOP AHU
3" = 1'-0"



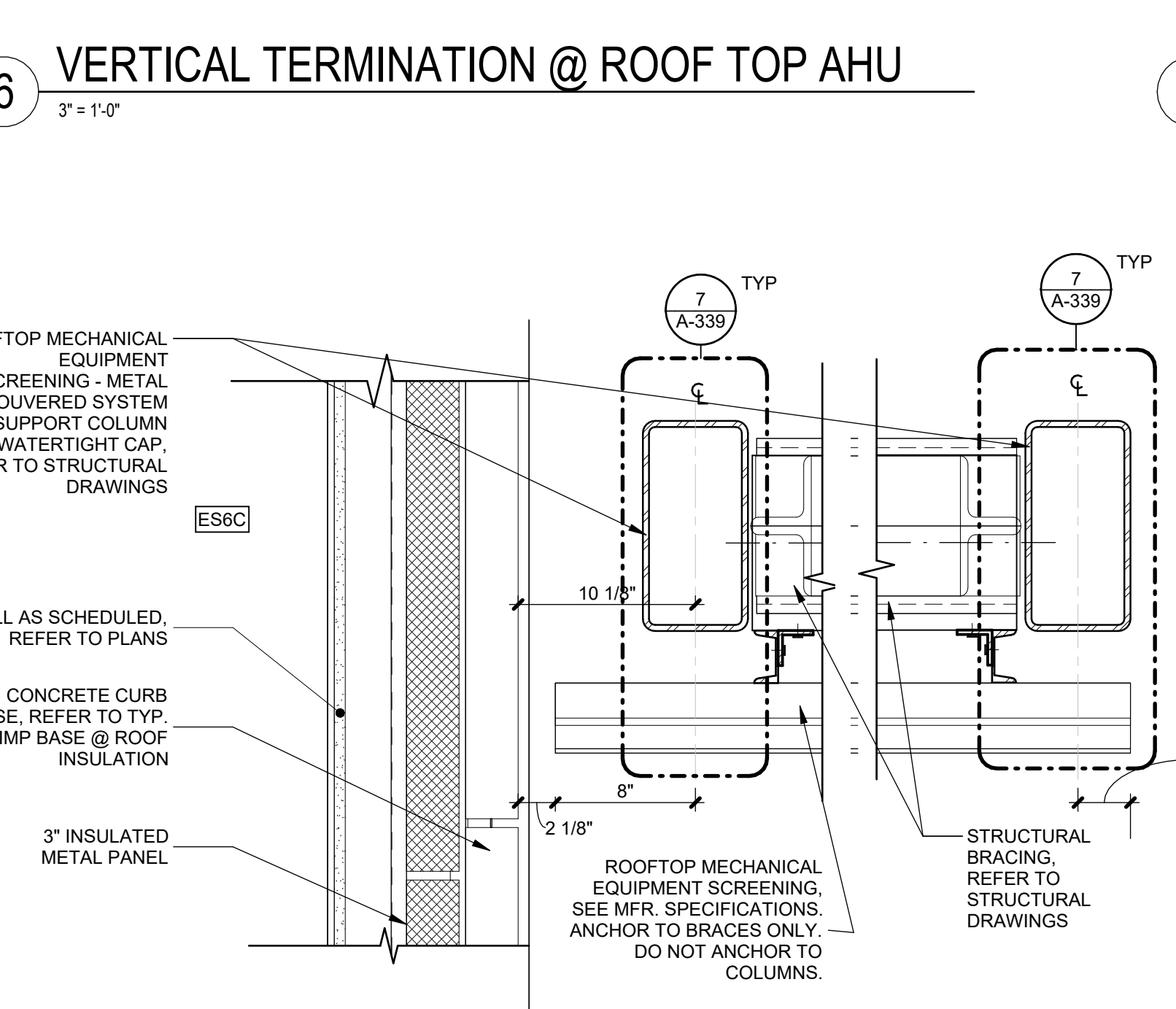
5 TYP SITE BUILT MECHANICAL SUPPORT CURB
3" = 1'-0"



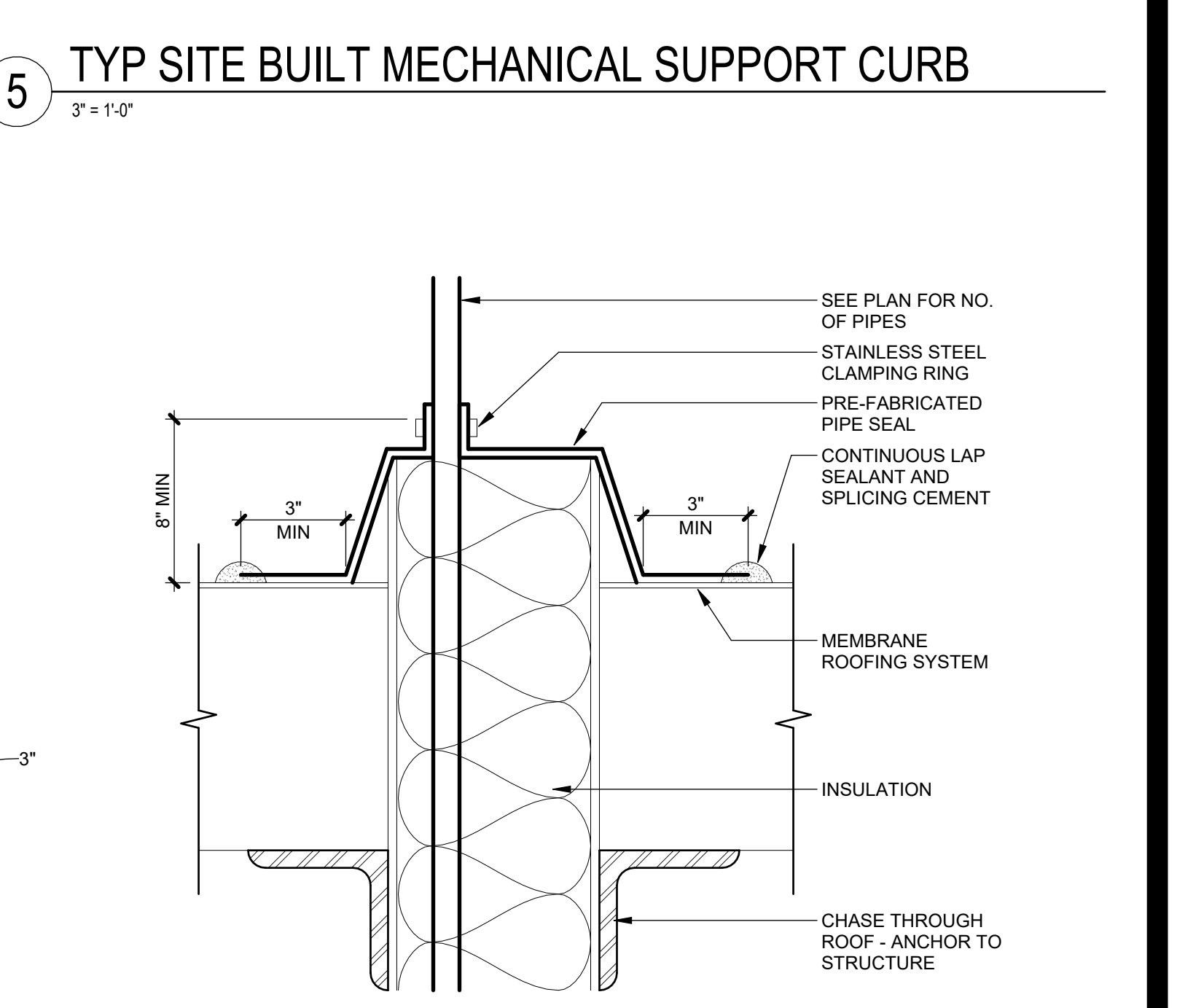
4 TYP. ROOF SCREEN POST SECTION
1 1/2" = 1'-0"



3 PLAN VIEW - ROOF SCREEN CORNER POST DETAIL
1 1/2" = 1'-0"

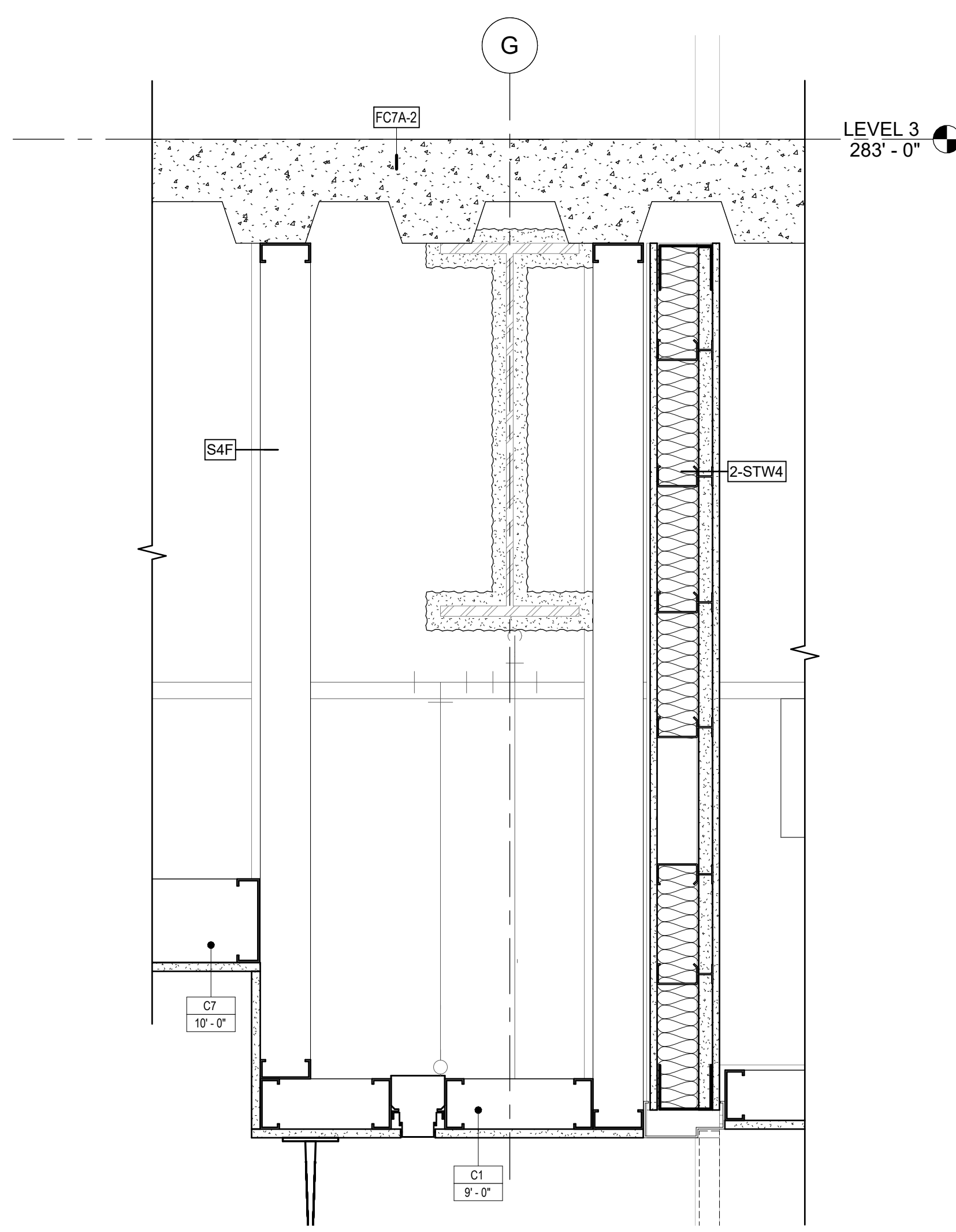


2 PLAN VIEW - ROOF SCREEN JOINT AT EXTERIOR WALL
1 1/2" = 1'-0"

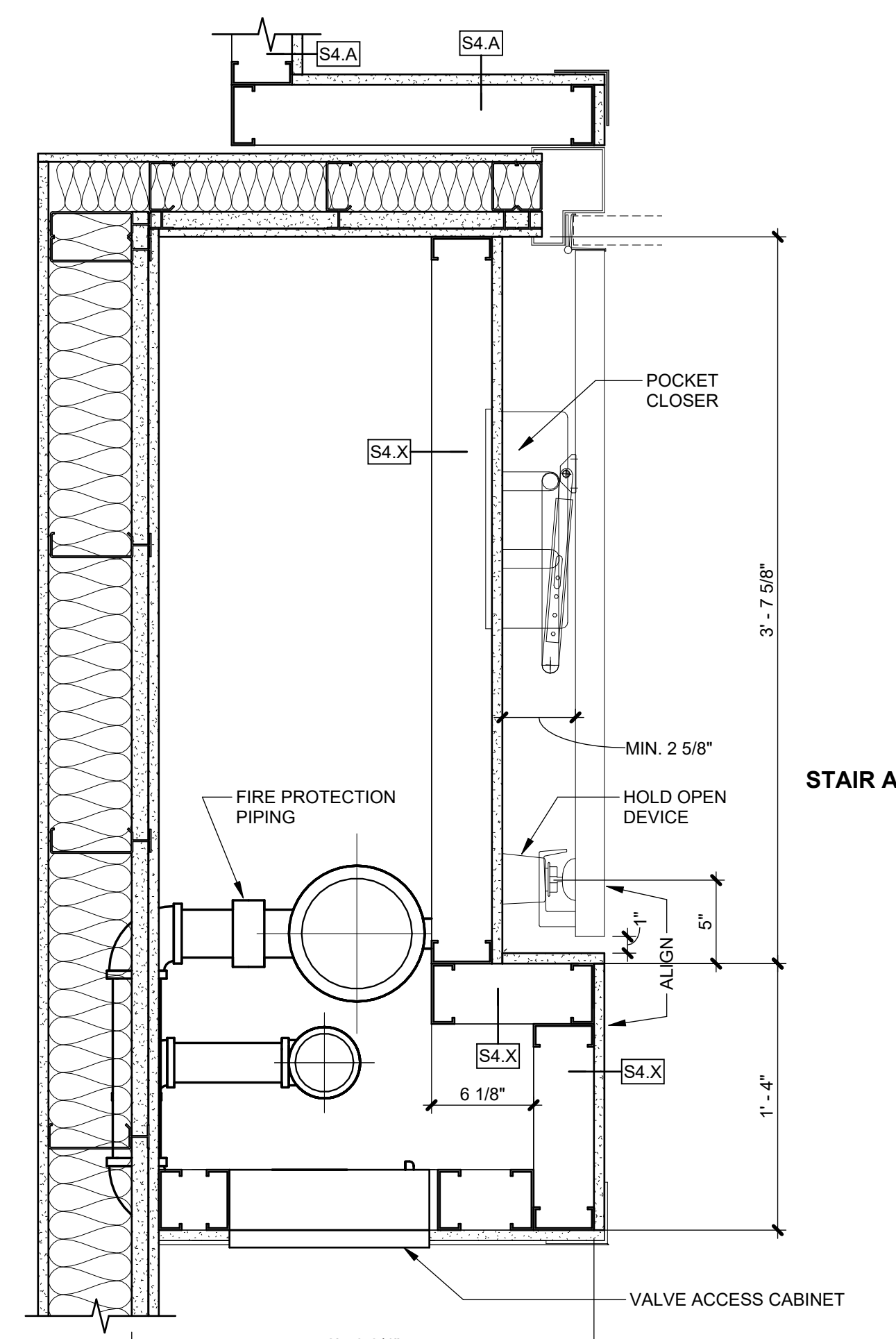


1 TYP CHASE FOR MECHANICAL PENETRATION
3" = 1'-0"

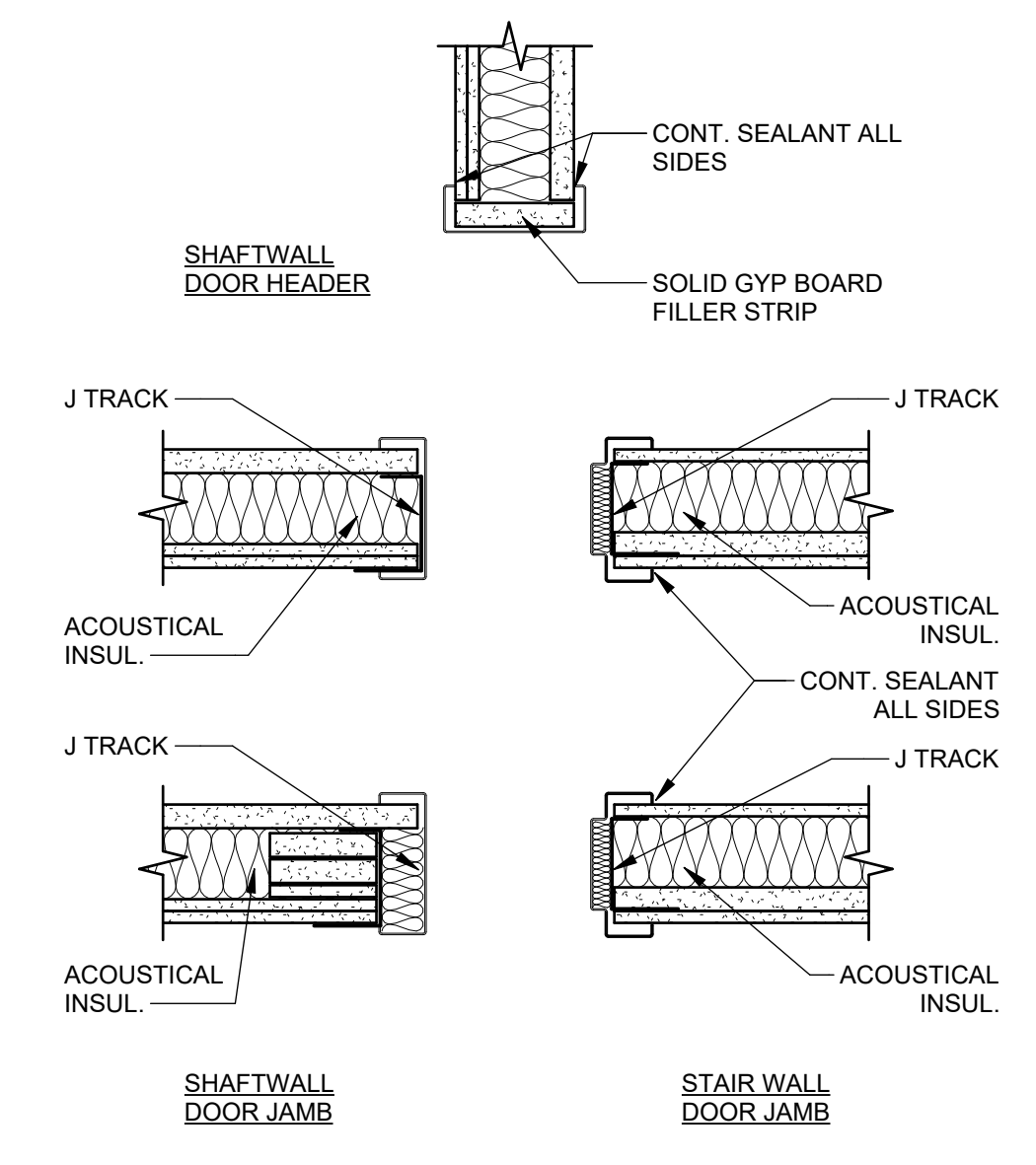
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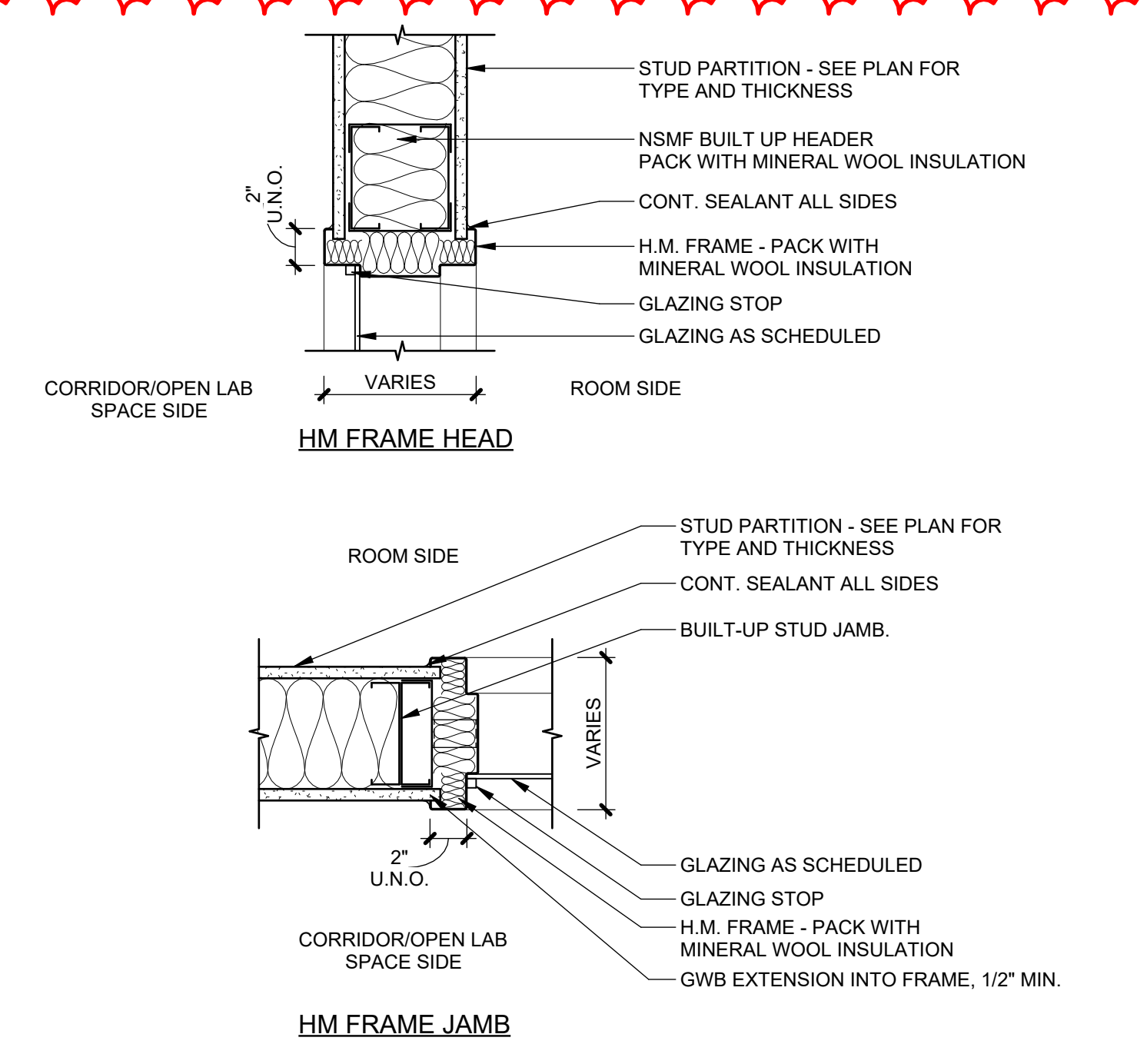
4 SOFFIT SHAFT WALL DETAIL @ STAIR A
1 1/2" = 1'-0"



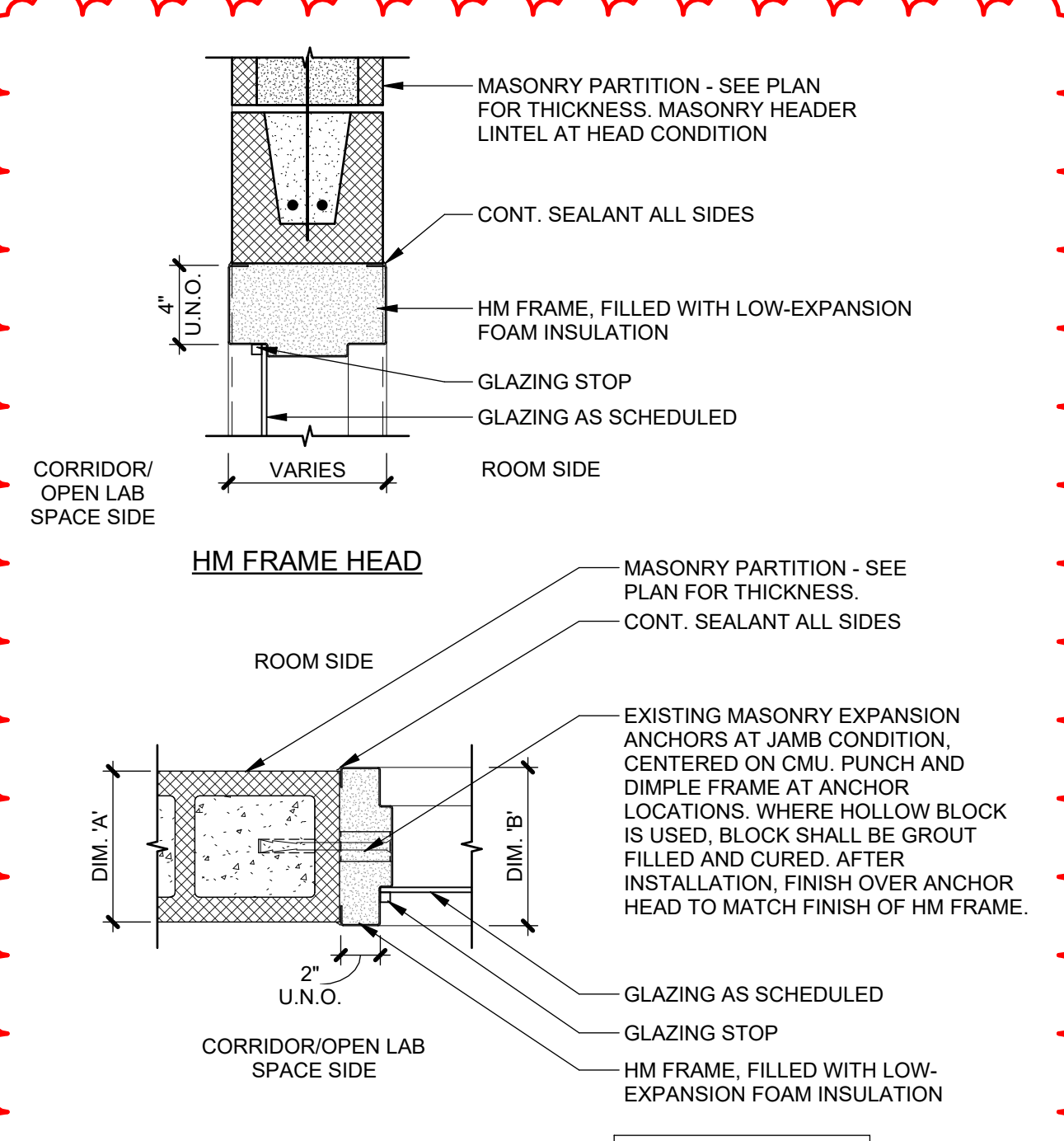
3 INTERIOR RECESSED HOLD OPEN DOOR JAMB DETAIL
1 1/2" = 1'-0"



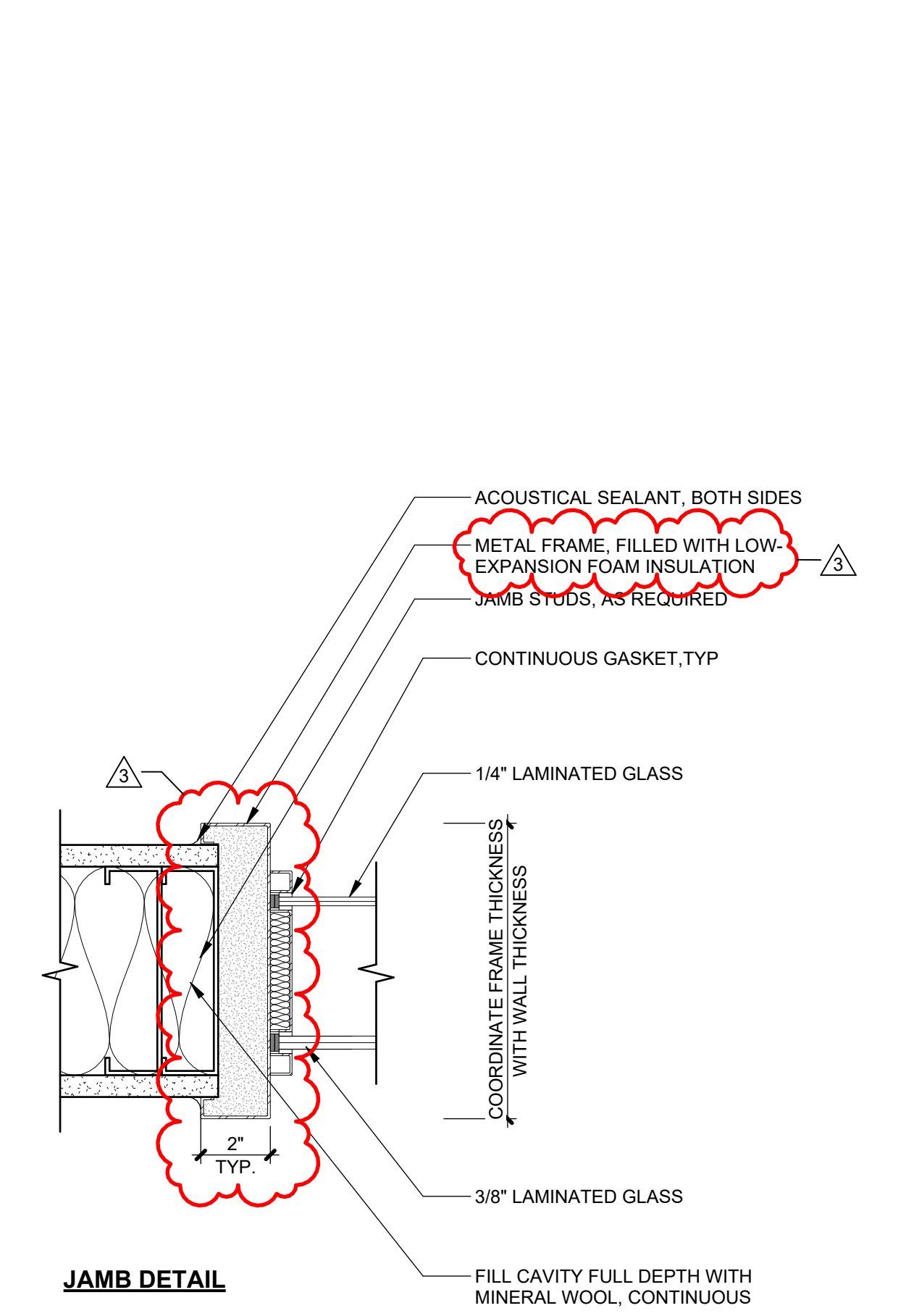
6 SHAFT WALL DOOR DETAILS
1 1/2" = 1'-0"



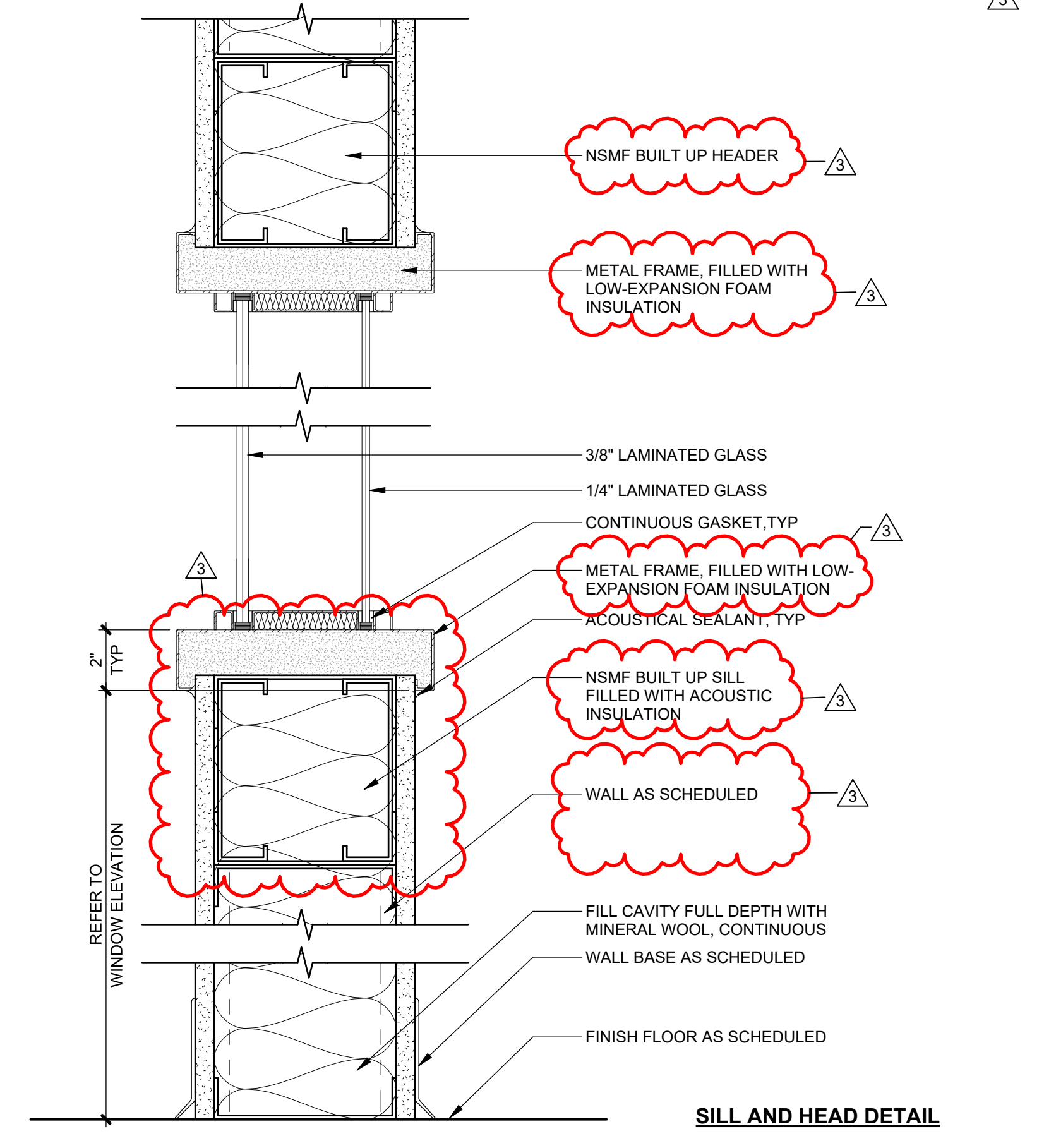
7 TYP. HM WINDOW FRAME DETAIL @ MTL STUD & GWB
1 1/2" = 1'-0"



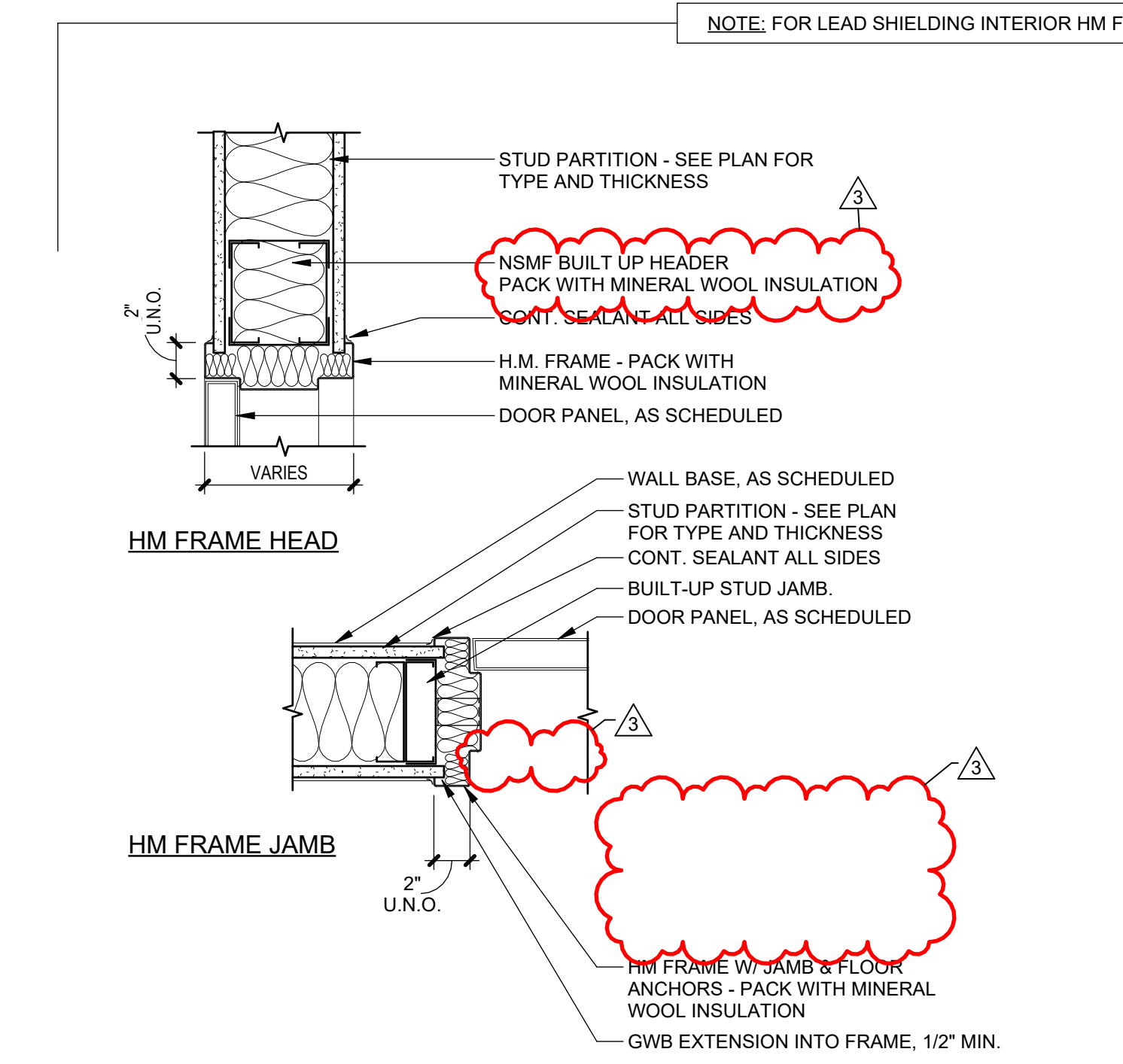
8 TYP. HM WINDOW FRAME DETAIL @ CMU
1 1/2" = 1'-0"



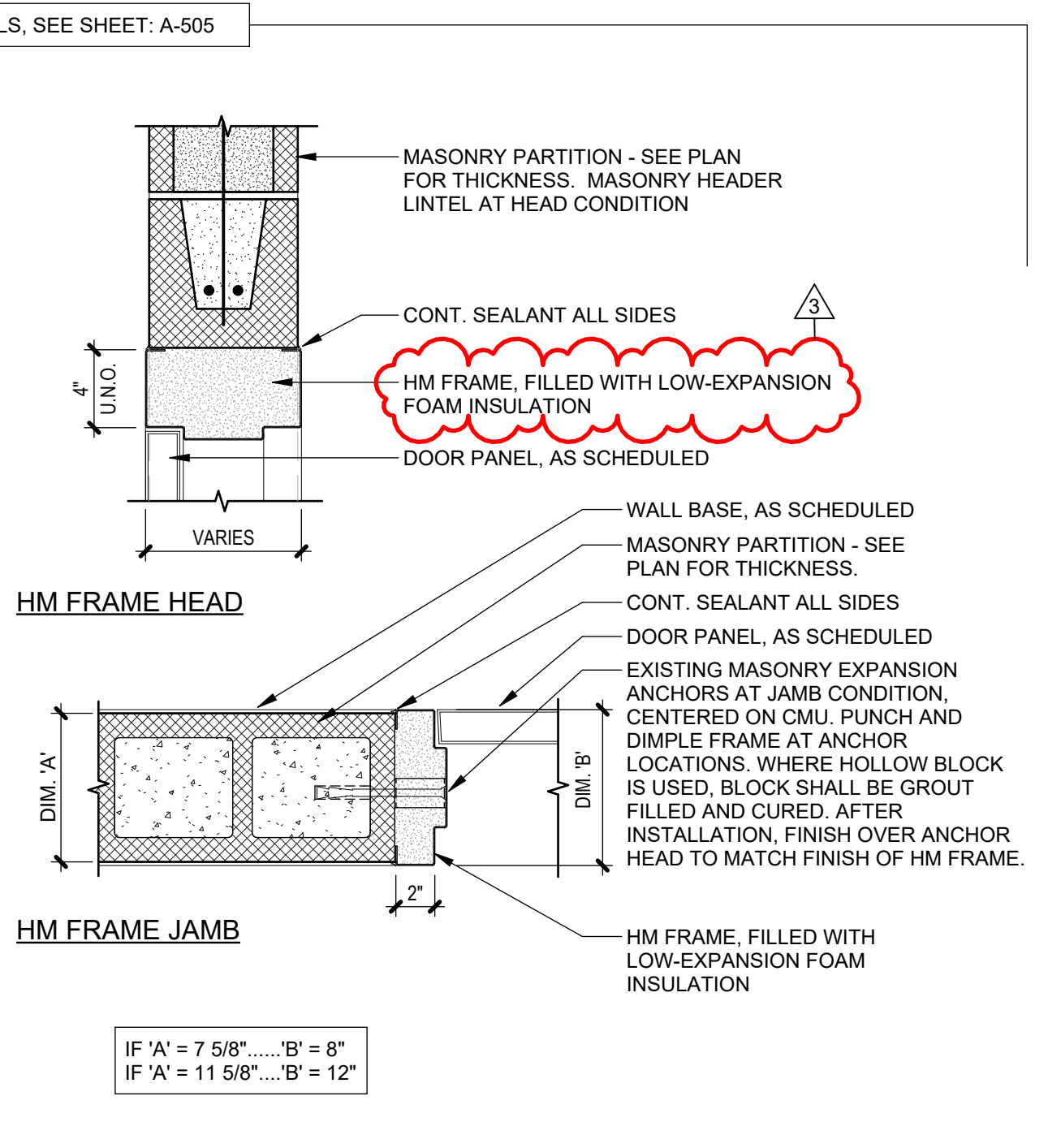
5 TYP. INTERIOR ACOUSTICAL WINDOW
3" = 1'-0"



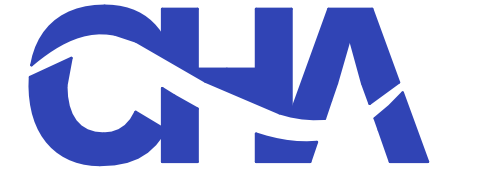
SILL AND HEAD DETAIL



2 INTERIOR HM DOOR/FRAME DETAILS @ MTL STUD & GWB
1 1/2" = 1'-0"



1 INTERIOR HM FRAME DETAILS @ CMU
1 1/2" = 1'-0"



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MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: SMD

DRAWN BY: JJS

FIELD CHECK:

APPROVED:

SHEET TITLE: INTERIOR DOOR AND WINDOW DETAILS

DRAWING NUMBER: A-607

SHEET: OF



STOREFRONT GENERAL NOTES

- FIELD VERIFY ALL LOCATIONS AND DIMENSIONS, ROUGH OPENINGS PRIOR TO SUBMITTAL OF SHOP DRAWINGS. NOTED OTHERWISE.
- MULLION PROFILES TYPICAL OF SYSTEM UNLESS NOTED OTHERWISE.
- PROVIDE TEMPERED GLAZING AT ALL LOCATIONS AS REQUIRED BY CODE INCLUDING BUT NOT LIMITED TO:
 - A. GLAZING IN DOORS.
 - B. GLAZING W/ IN 24" OF DOORS, WHOSE BOTTOM EDGE IS BELOW 60".
 - C. GLAZING ADJACENT TO RAMPS AND NEXT TO LANDINGS (60" OF LANDINGS).

GLAZING LEGEND

(EXTERIOR GLAZING)

- GL-1 IGU / VISION GLAZING
- GL-2 IGU / SPANDREL GLAZING
- GL-3 IGU / VISION GLAZING / LAMINATED GLAZING
- GL-4 IGU / TRANSLUCENT GLAZING
- GL-5 IGU / FIRE RATED
- GL-6 IGU / FIRE RATED / TRANSLUCENT GLAZING
- GL-7 IGU / VISION GLAZING / SHADOW BOX
- GL-8 IGU / VISION GLAZING / APPLIED WINDOW FILM (GF-2)

(INTERIOR GLAZING)

- GL-9 VISION GLAZING
- GL-10 SAFETY GLAZING
- GL-11 ACOUSTIC GLAZING
- GL-12 FIRE RATED GLAZING

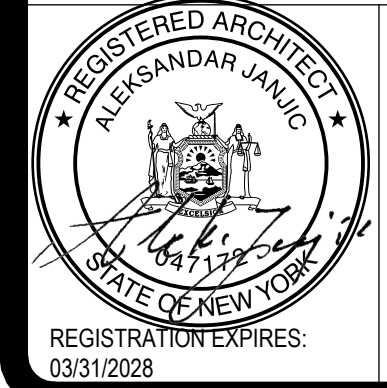
MULLION LEGEND

- M1 6" CUSTOM MULLION PROFILE CAP - SILL 12/A-610
- M2 6" CUSTOM MULLION PROFILE CAP - JAMB / HEAD 13/A-610
- M3 6" CUSTOM MULLION PROFILE CAP - INTERMEDIATE 14/A-610
- SSG STRUCTURAL SILICONE GLAZING 1/A-610, 2/A-610, 4/A-610, 5/A-610

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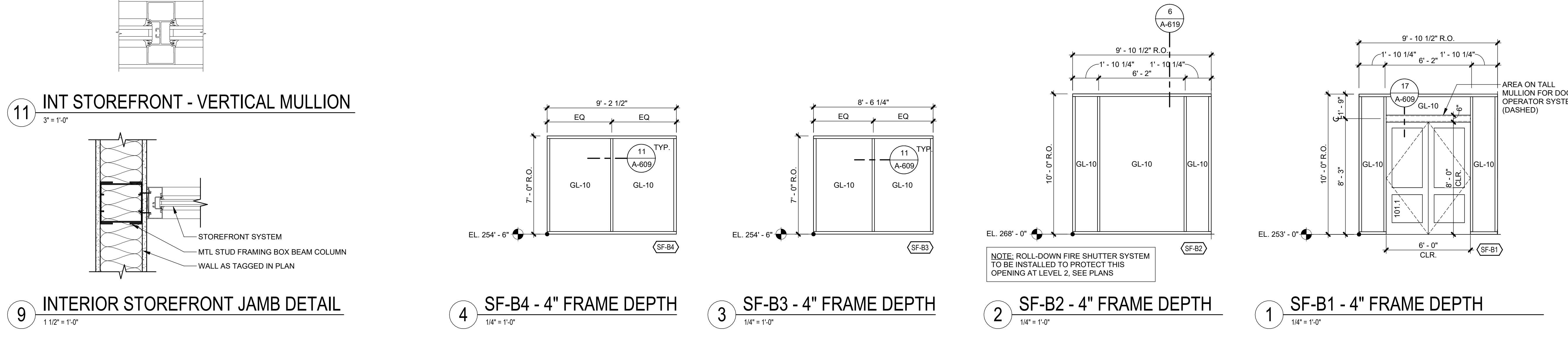
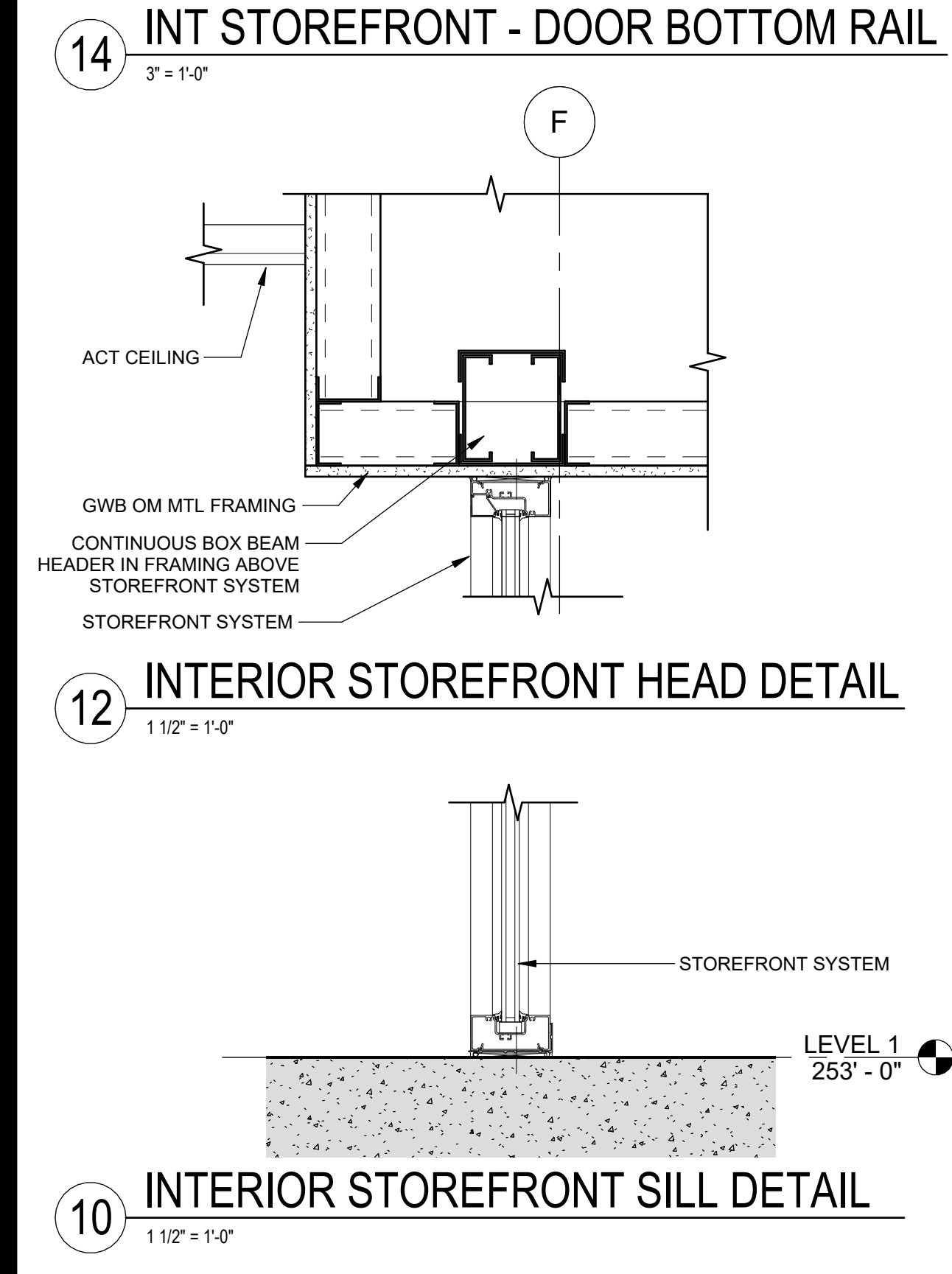
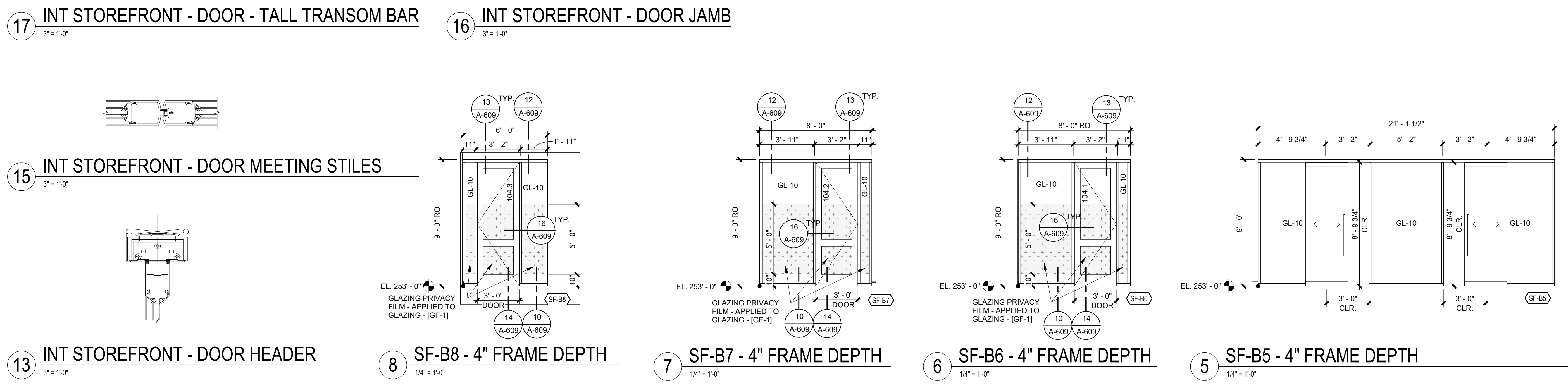
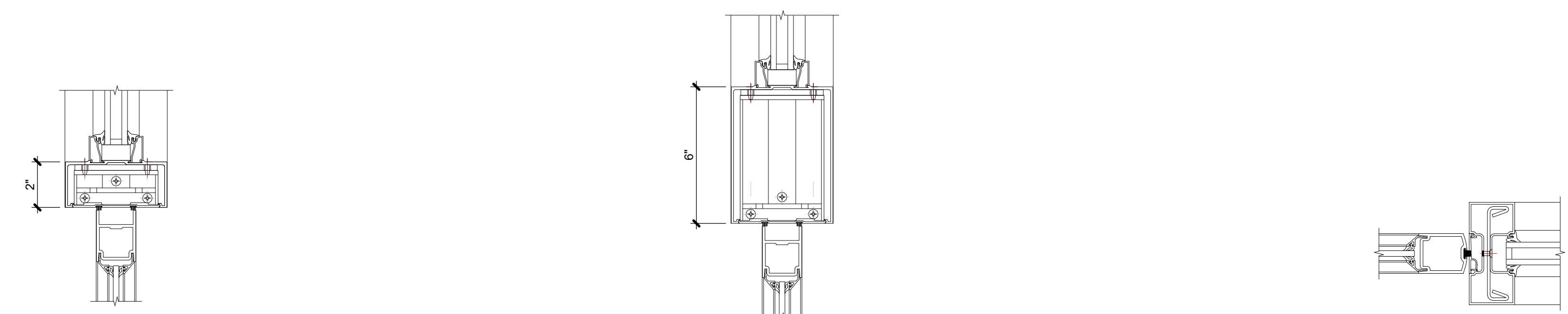
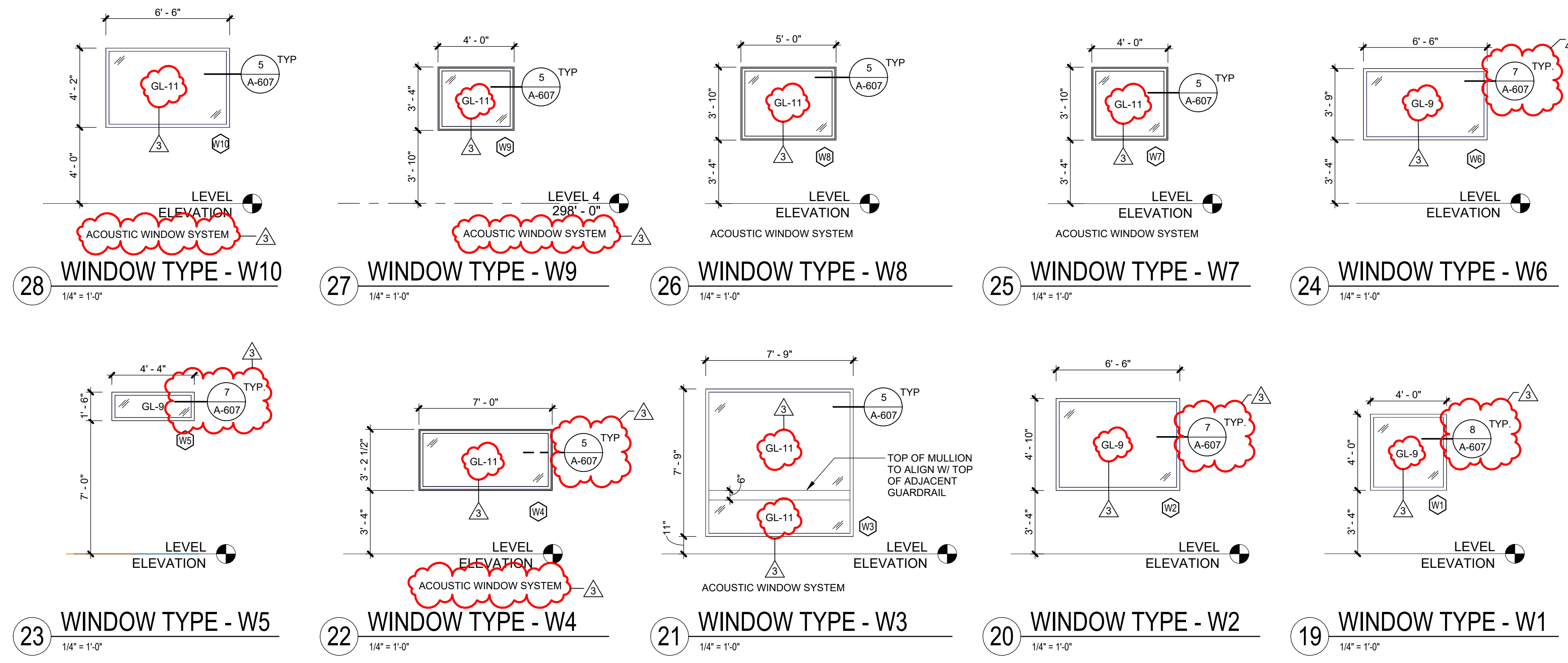
CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT
PROJECT NUMBER:	47528-C	
DESIGNED BY:	SMD	
DRAWN BY:	JJS	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	INTERIOR STOREFRONT AND WINDOW ELEVATION TYPES	
DRAWING NUMBER:	A-609	
SHEET:	OF	



Autodesk Docs://47528 DOT Lab Building/082900_OGS-DOT-LabBuilding_ARCH-CORE_R23.rvt 3/25/26 3:15:30 PM 42x30 PLOT SHEET

UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS BEARING MY PROFESSIONAL SEAL AND SIGNATURE MEET OR EXCEED THE 2020 NEW YORK STATE ENERGY CODE CONSISTING OF THE 2019 INTERNATIONAL ENERGY CONSERVATION CODE, 2016 ASHRAE 91.1.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS A MISDEMEANOR.



CONTRACT: CONSTRUCTION
TITLE: Provide Testing Laboratory, Building 14
LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY
CLIENT: New York State Department of Transportation

3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT
MARK	DATE	DESCRIPTION
		47528-C
PROJECT NUMBER:		
DESIGNED BY:	MJB	
DRAWN BY:	KMH	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:		
LEGEND, ABBREVIATIONS AND SYMBOLS		
DRAWING NUMBER:	F-001	
SHEET:	OF	

FIRE PROTECTION LINE-TYPES (TWO-LINE)	
2" CSSP	COMBINED SPRINKLER/STANDPIPE SYSTEM PIPING (SIZE AS INDICATED)
2" DFP	DRY SPRINKLER SYSTEM PIPING (SIZE AS INDICATED)
2" DR	DRAIN PIPING (SIZE AS INDICATED)
2" (E)FP	EXISTING WET PIPE SPRINKLER SYSTEM PIPING (SIZE AS INDICATED)
2" FDC	FIRE DEPARTMENT CONNECTION PIPING (SIZE AS INDICATED)
2" FP	WET PIPE SPRINKLER SYSTEM PIPING (SIZE AS INDICATED)
2" PRE-A	PRE-ACTION SYSTEM (SIZE AS INDICATED)
2" PTC	FIRE PUMP TEST CONNECTION PIPING (SIZE AS INDICATED)
2" SP	STANDPIPE SYSTEM PIPING (SIZE AS INDICATED)
2" (R)FP	REMOVAL WET PIPE SPRINKLER SYSTEM PIPING (SIZE AS INDICATED)

FIRE PROTECTION ABBREVIATIONS	
ACFM	AVERAGE CUBIC FEET PER MINUTE ABOVE FINISH FLOOR
AFF	
CL	CENTER-LINE
DIP	DUCTILE-IRON PIPE
DFP	DRY SPRINKLER SYSTEM
DN	DOWN
FCP	FIRE PROTECTION SYSTEM CONTROL PANEL
FCS	FLOOR CONTROL STATION
FDC	FIRE DEPARTMENT CONNECTION
FM	FACTORY MUTUAL
FP	FIRE PROTECTION
FS	FLOW SWITCH
FT	FEET
GA	GALLON
GAL	GALLONS
GP	GALLONS PER MINUTE
HP	HORSEPOWER
HV	HOSE VALVE
HYD	HYDRAULIC
HZ	HERTZ
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NPT	NATIONAL PIPE THREAD
OS&Y	OUTSIDE STEM & YOKE
PH	PHASE
PRV	PRESSURE RELIEF VALVE
PS	PRESSURE SWITCH
PSI	POUNDS PER SQUARE INCH
PTC	PUMP TEST CONNECTION
SF	SQUARE FOOT
SQ	SQUARE
TEMP	TEMPERATURE
TS	TAMPER SWITCH
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VOLT	VOLTAGE
WFP	WET SPRINKLER SYSTEM
#	NUMBER

SPRINKLER HEAD SYMBOLS	
●	UPRIGHT SPRINKLER
○	CONCEALED PENDENT SPRINKLER
○ _D	DRY-BARREL RECESSED PENDENT
○ _R	RECESSED PENDENT
○ _{5.6}	CONTROL MODEL SPECIFIC APPLICATION SPRINKLER (CMSA)
○ _{11.2}	
◀	HORIZONTAL SIDEWALL SPRINKLER
◀ _{DB}	DRY-BARREL HORIZONTAL SIDEWALL SPRINKLER
◀ _{WS}	PENDENT WINDOW SPRINKLER

SYMBOLS	
⊗	GATE VALVE
⊞	HYDRANT
⬅	THRUST BLOCK
⊞	TAMPER SWITCH
⊞	PRESSURE SWITCH
⊞	FLOW SWITCH

GENERAL FIRE PROTECTION NOTES:

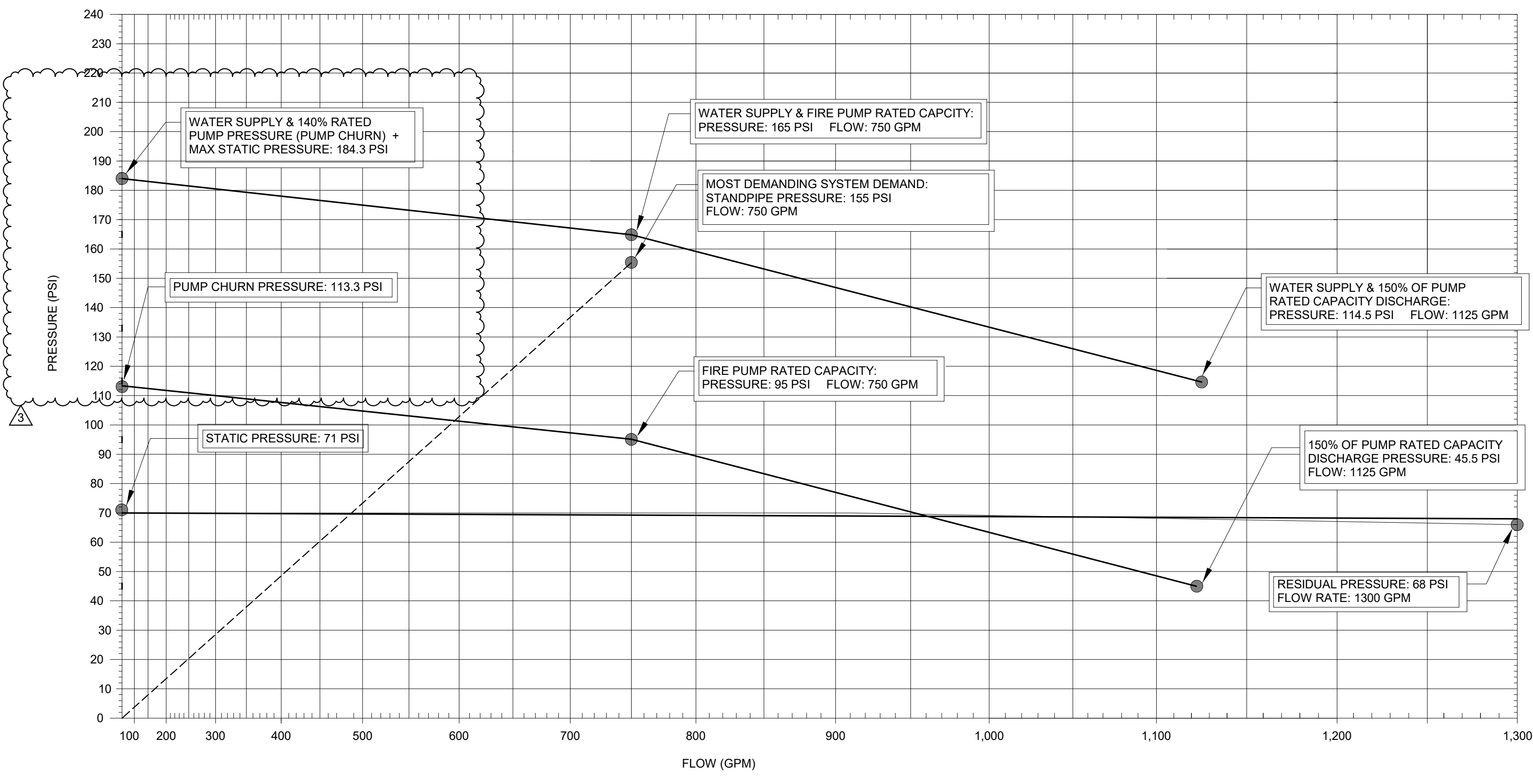
- THE DESIGN DOCUMENTS (DRAWINGS AND SPECIFICATIONS) FOR THE SPRINKLER SYSTEM TO BE INSTALLED IN THIS PROJECT IDENTIFY PERFORMANCE REQUIREMENTS AND DESIGN INTENT ONLY. SPRINKLER HEAD LOCATIONS ARE INDICATED FOR BIDDING AND COORDINATION PURPOSES. PROVIDE ANY AND ALL ADDITIONAL PIPING, SPRINKLER HEADS, ECT. AS REQUIRED FOR A COMPLETE AND CODE COMPLIANT SYSTEM. PIPE SIZES INDICATED ON THE DRAWINGS ARE FOR REFERENCE ONLY. ACTUAL PIPE SIZES SHALL BE DETERMINED BY CONTRACTOR'S HYDRAULIC CALCULATIONS AND DESIGN. PROVIDE HYDRAULICALLY DESIGNED AND CODE COMPLIANT SYSTEM PREPARED, SIGNED AND STAMPED BY LICENSED FIRE PROTECTION ENGINEER IN NEW YORK STATE OR HYDRAULICALLY DESIGNED AND CODE COMPLIANT SYSTEM PREPARED, SIGNED AND STAMPED BY LICENSED FIRE PROTECTION ENGINEER IN NEW YORK STATE.
- THE FIRE SPRINKLER SYSTEMS INCLUDED IN THIS PROJECT SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NYS UNIFORM FIRE PREVENTION AND BUILDING CODE TO INCLUDE: 2020 BUILDING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE, NFPA 20 (2016) "STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION," NFPA 14 (2016) "STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS," AND NFPA 13 (2016) "STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS."
- COORDINATE WITH, BUT NOT LIMITED TO, THE FOLLOWING: BUILDING STRUCTURE, CEILINGS, WALLS, FLOORS, POWER, TELEPHONE, DATA, SECURITY, PLUMBING, AND HVAC SYSTEMS AND APPURTENANCES. MAKE ALL NECESSARY MODIFICATIONS INCLUDING ALL MATERIAL AND LABOR NECESSARY TO COORDINATE WITH THE CONSTRUCTION AT NO ADDITIONAL COST.
- OBTAIN APPROVAL OF THE SYSTEM FROM THE DIRECTOR'S REPRESENTATIVE, THE LOCAL FIRE DEPARTMENT AND THE AUTHORITY HAVING JURISDICTION. ANY WORK DEEMED NECESSARY TO OBTAIN APPROVAL FROM THE DIRECTOR'S REPRESENTATIVE, THE FIRE DEPARTMENT AND THE AUTHORITY HAVING JURISDICTION SHALL BE COMPLETED AT NO ADDITIONAL COST TO THE STATE.
- DEVELOP SPRINKLER SHOP DRAWINGS PRIOR TO THE INSTALLATION OF WORK. ANY WORK INSTALLED PRIOR TO THE DIRECTOR'S REPRESENTATIVE REVIEW AND APPROVAL OF SHOP DRAWINGS AND HYDRAULIC CALCULATIONS IS TO BE DONE AT THE CONTRACTOR'S RISK. PROVIDE ANY CHANGES REQUIRED FOR DIRECTOR'S REPRESENTATIVE APPROVAL AT NO ADDITIONAL COST TO THE STATE.
- DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT SHOW EVERY SPRINKLER HEAD, PIPE, FITTING, VALVE ETC., NECESSARY FOR A COMPLETE SYSTEM. FIELD VERIFY EXISTING CONDITIONS AND REVIEW DESIGN DRAWINGS OF ALL TRADES FOR COORDINATION PURPOSES. INCORPORATE ALL NECESSARY MODIFICATIONS NEEDED FOR COORDINATION IN FINAL DESIGN AT NO ADDITIONAL COST.
- FIELD VERIFY PIPE ROUTING THROUGH EXISTING CONSTRUCTION AND MAKING ALL NECESSARY ADJUSTMENTS AT NO ADDITIONAL COST.
- CONCRETE FLOORS MUST BE PROTECTED DURING PIPE CUTTING/GREASING FOR CONNECTION TO PREVENT OIL STAINS. ALL LIFTS SHALL UTILIZE DIAPERS. TIRES SHALL BE WHITE NON-SKID.
- PROVIDE CUTTING AND PATCHING OF WALLS AND FLOORS 8" AND UNDER. CUTTING AND PATCHING OF WALLS AND FLOORS ABOVE 10" PROVIDED BY CONTRACTOR.
- OBTAIN ALL CERTIFICATION SUBMITTED AS SUBMITTALS. (1) WELDING CERTIFICATES. (2) CERTIFICATION THAT CONTRACTOR IS APPROVED FOR INSTALLATION BY THE FIRE STOPPING AND SMOKE SEAL MANUFACTURER. (3) CERTIFICATION OF NICET LEVEL III DESIGNER FOR "WATER-BASED FIRE PROTECTION LAYOUT".
- PROVIDE UL LISTED AND/OR FACTORY MUTUAL APPROVED FIRE PROTECTION MATERIALS AND EQUIPMENT.
- ALL PIPING 2" AND SMALLER TO BE SCHEDULE 40 PIPE WITH THREADED ENDS AND CAST-IRON FITTINGS. ALL PIPING 2-1/2" AND LARGER TO BE SCHEDULE 40 PIPE WITH ROLL-GROOVED FITTINGS AND COUPLINGS. WET SPRINKLER SYSTEM PIPING TO BE BLACK STEEL.
- SPRINKLER PIPING SHALL BE LOCATED ABOVE SUSPENDED CEILINGS UNLESS INDICATED OTHERWISE.
- PITCH ALL PIPING BACK TO SUPPLY MAIN WHERE POSSIBLE. ALL BRANCHLINE PIPING TO BE PITCHED 1/2" PER 10 FT. ALL MAIN PIPING TO BE PITCHED 1/4" PER 10 FT. PROVIDE AUXILIARY DRAINS ON TRAPPED SECTIONS OF PIPE PER NFPA 13. COORDINATE DRAIN LOCATIONS WITH DIRECTOR'S REPRESENTATIVE.
- SPRINKLER HEADS SHALL BE FIELD COORDINATED WITH CEILING FINISH. DRAWINGS INDICATE TYPE OF HEAD REQUIRED. WHERE ACTUAL CONDITIONS VARY, INSTALL THE APPROPRIATE HEAD (IE. CONCEALED PENDENT HEADS IN SUSPENDED CEILINGS) AT NO ADDITIONAL COST TO STATE.
- SPRINKLER HEADS LOCATED IN ACOUSTIC CEILING TILES SHALL BE LOCATED IN THE CENTER OF THE TILE FOR 24"x24" AND 48"x48" TILES AND AT THE 1/3 OR 1/2 POSITION OF 24"x48" TILES.
- PITCH ALL PIPING BACK TO SUPPLY MAIN WHERE POSSIBLE. PROVIDE AUXILIARY DRAINS ON TRAPPED SECTIONS OF PIPE PER NFPA 13. COORDINATE DRAIN LOCATIONS WITH THE STATE.
- PROVIDE ARMOVERS FOR ALL PENDENT HEADS.
- COORDINATE STAGING AND WORK AREAS WITH DIRECTOR'S REPRESENTATIVE.
- COORDINATE FIRE DEPARTMENT CONNECTION THREAD TYPE AND SIZE WITH LOCAL FIRE DEPARTMENT.
- PIPING SHALL NOT BE ROUTED OVER ELECTRICAL EQUIPMENT INCLUDING PANEL BOARDS.
- SYSTEM MAIN DRAINS SHALL BE ROUTED AND PIPED TO EXTERIOR OF BUILDING. DRAINS SHALL TERMINATE AS INDICATED. PROVIDE SPLASH BLOCK.
- PROVIDE ALL TAMPER SWITCHES REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM. REFER TO E-DWGS FOR WIRING OF DEVICES.
- INSTALLATION OF ALL ELECTRICAL COMPONENTS OF THE FIRE SPRINKLER SYSTEM INCLUDING BUT NOT LIMITED TO: TAMPER SWITCHES, PRESSURE SWITCHES, FIRE PUMP CONTROL PANELS, JOCKEY PUMP CONTROL PANELS, WIRING, CONDUIT, AND ALL CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 TO THE NATIONAL ELECTRICAL CODE (2017) AND NFPA 72 THE NATIONAL FIRE ALARM CODE (2016).
- PROVIDE A TEST AND MATERIALS CERTIFICATE FOR ABOVE GROUND PIPING UPON COMPLETION OF WORK. PROVIDE A CONTRACTOR'S TEST AND MATERIALS CERTIFICATE FOR BELOW GROUND PIPING UPON COMPLETION OF WORK. PROVIDE CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR FIRE PUMP SYSTEMS AND CENTRIFUGAL FIRE PUMP ACCEPTANCE TEST FORM. ALSO CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR ABOVEGROUND PIPING FOR STANDPIPE SYSTEMS IN ACCORDANCE WITH NFPA 14.
- SHALL PROVIDE ALL SIGNS AND TAGS REQUIRED BY NFPA 13 (2016). SIGNS, TAGS, WIRES, CHAINS OR OTHER APPROVED MEANS SHALL BE STEEL WITH VITREOUS ENAMEL FINISH, LETTERING ON CONTRASTING BACKGROUND. PROVIDE SIGNS AND TAGS INCLUDING BUT NOT LIMITED TO THE FOLLOWING: HYDRAULIC DESIGN INFORMATION SIGN, GENERAL INFORMATION SIGN, SIGNS INDICATING THE FUNCTION OF TEST, CONTROL VALVES IDENTIFYING THE PORTION OF THE BUILDING SERVED AND DRAIN VALVES.

TESTING PROCEDURE:

- WET PIPE SPRINKLER SYSTEM SHALL BE HYDROSTATICALLY TESTED AT 200 PSI AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR 2 HOURS.
- DRY PIPE SPRINKLER SYSTEM SHALL BE HYDROSTATICALLY TESTED AT 200 PSI AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR 2 HOURS. IN ADDITION TO THE STANDARD HYDROSTATIC TEST, THE SYSTEM MUST BE TESTED WITH AN AIR PRESSURE LEAKAGE TEST AT 40 PSI THAT SHALL BE CONDUCTED FOR 24 HOURS AND WATER DELIVERY TESTING PER NFPA 13 (2016) SECTIONS 25.2.1, 25.2.2, AND 25.2.3.2. ANY LEAKAGE THAT RESULTS IN A LOSS OF PRESSURE IN EXCESS OF 1-1/2 PSI FOR THE 24 HOURS TEST PERIOD SHALL BE CORRECTED.
- ALL WATER DISCHARGED DURING TESTING, FLUSHING, AND OTHER PROCEDURES SHALL NOT IMPACT SITE FEATURES INCLUDING STAINING OF HARDSCAPING OR LANDSCAPING.
- STATEMENT OF COMPLIANCE: BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLATION, THE CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT TO THE DIRECTOR'S REPRESENTATIVE STATING THAT THE SPRINKLER SYSTEM WORK INCLUDED IN THIS PROJECT HAS BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND HAS BEEN TESTED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND THE APPROPRIATE INSTALLATION STANDARD. ANY DEVIATIONS FROM THE DESIGN STANDARDS SHALL BE NOTED AND COPIES OF APPROVALS FOR SUCH DEVIATIONS SHALL BE ATTACHED TO THE WRITTEN STATEMENT.

HYDRAULIC CALCULATIONS NOTES:

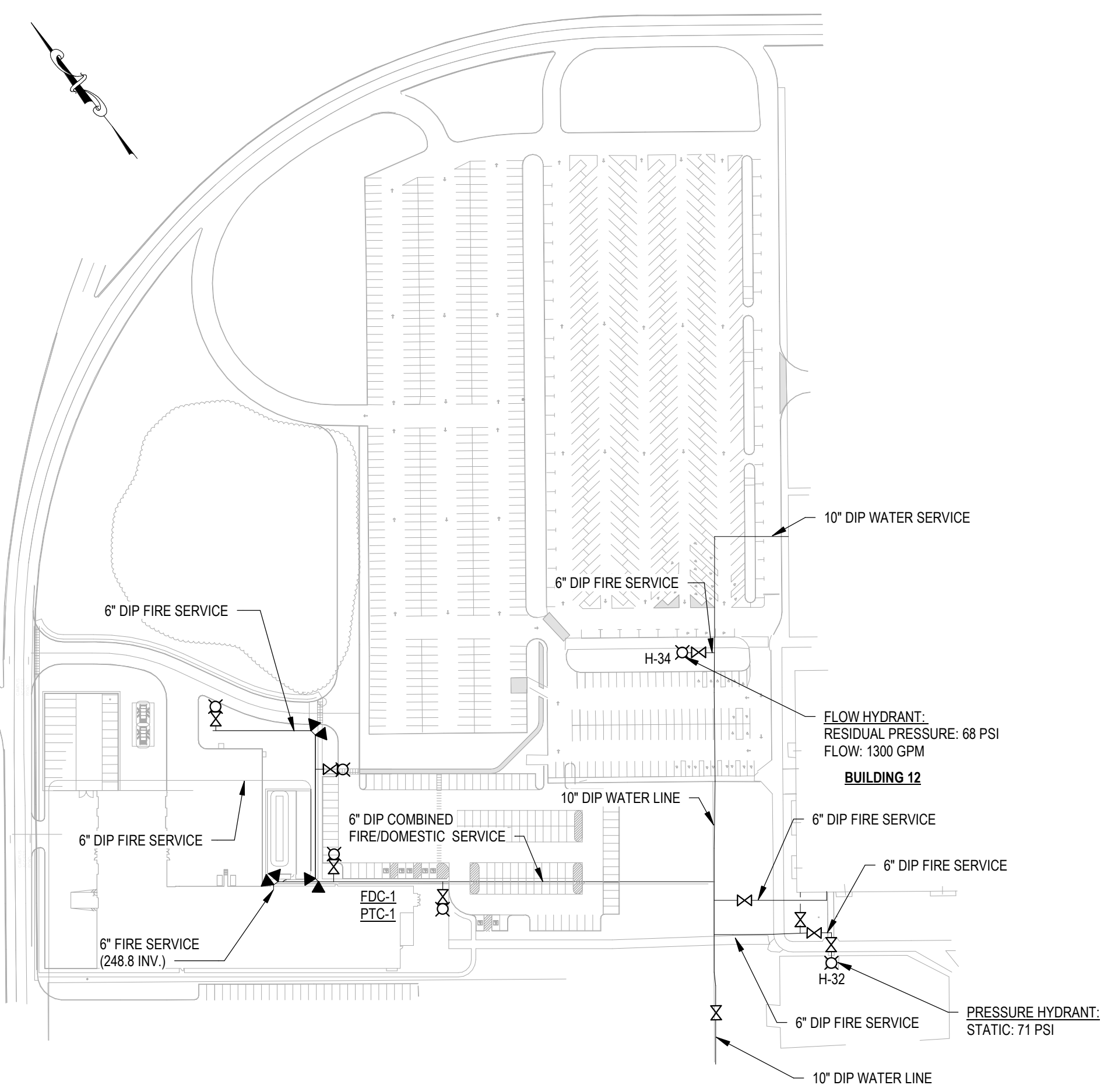
- UTILIZE HYDRAULIC CALCULATION METHOD TO DETERMINE SYSTEM DEMAND AND PIPE SIZING REQUIREMENTS PER NFPA 13. MAINTAIN A 10 PERCENT PSI SAFETY MARGIN BETWEEN SYSTEM DEMAND AND AVAILABLE PRESSURE.
- ANTICIPATED FIRE PUMP SUCTION WATER SUPPLY ON THIS DRAWING SHALL BE USED FOR BIDDING PURPOSES ONLY. OBTAIN CURRENT WATER SUPPLY DATA (I.E. PERFORM FLOW TEST) AT NO ADDITIONAL COST. IF WORKING PLAN SUBMITTAL IS NOT WITHIN 1 YEAR OF WATER SUPPLY DATA, OBTAINING CURRENT WATER SUPPLY DATA (I.E. PERFORM FLOW TEST) IS REQUIRED AT NO ADDITIONAL COST TO THE STATE.
- PIPE SIZES: SIZE THE FIRE PROTECTION SERVICE (UNDERGROUND MAIN AND SERVICE HEADER) AS INDICATED ON THE DRAWINGS. SIZE SPRINKLER SYSTEM LOCATED DOWNSTREAM OF FIRE PUMP DISCHARGE FLANGE (SYSTEM RISERS AND ALL PIPING DOWNSTREAM OF RISERS) BASED ON CONTRACTOR'S HYDRAULIC CALCULATIONS AND DESIGN.
- SUBMIT HYDRAULIC CALCULATIONS CONTAINING ALL INFORMATION REQUIRED BY NFPA 13 (2016) SECTION 23.3.5.6 "DETAILED WORKSHEETS" AND RELATED APPENDICES. HYDRAULIC REMOTE AREAS SHALL BE BOLDLY OUTLINED AND LABELED ON DRAWINGS.
- PROVIDE HYDRAULIC CALCULATIONS IN "NFPA" FORMAT SIMILAR TO FIGURE(S) 23.3.5.6.1.2 OF NFPA 13 (2016), NO EXCEPTIONS.
- PROVIDE HYDRAULIC PLOT PLAN WHICH SHOWS PIPING TO WATER SUPPLY DATA SOURCE. PROVIDE PIPE SIZE AND LENGTH DIMENSIONS ON PLOT PLAN. CALCULATIONS SHALL INCLUDE PRESSURE LOSS THROUGH ALL PIPING BEGINNING AT THE POINT OF WATER SUPPLY DATA.



2 FIRE PROTECTION WATER SUPPLY DATA
1/2" = 1'-0"

WATER SUPPLY DATA GENERAL NOTES:

- HYDRANT FLOW TEST PERFORMED ON FEBRUARY 16, 2023 AND MARCH 25, 2023. FLOW HYDRANT #34 RESULTED IN 71 PSI STATIC PRESSURE READING. PRESSURE HYDRANT #32 RESULTED IN 68 PSI RESIDUAL PRESSURE AT 1300 GPM. CONTRACTOR SHALL PERFORM A CURRENT FIRE-HYDRANT FLOW TEST IF THE RECORD FLOW TEST DATA ON THE CONTRACT DOCUMENTS IS NOT WITHIN THE 12 MONTH PERIOD TO START PREPARING THE SHOP DRAWINGS AS PER NFPA 13. PRESENT FIRE-HYDRANT FLOW TESTS SHALL BE PERFORMED AS PER NFPA 291. REFER TO NYSOGS SE341 WATER DISTRIBUTION MASTER PLAN APRIL 2024.
- HYDRANTS USED IN PERFORMING FLOW TEST ARE INDICATED ON HYDRAULIC PLOT PLAN ON THIS DRAWING.
- OBTAIN ALL CURRENT HYDRAULIC DATA AND PERFORM HYDRAULIC CALCULATIONS TO SIZE SPRINKLER SYSTEM AND FIRE PUMP. FIRE PUMP DISCHARGE CURVE INDICATED ON THIS DRAWING IS SHOWN FOR BIDDING PURPOSES ONLY. CONFIRM AVAILABLE PRESSURE AND FLOW IN THE FIELD AND SUBMIT RESULTS TO DIRECTOR'S REPRESENTATIVE. IF AVAILABLE PRESSURE DEVIATES FROM ANTICIPATED WATER SUPPLY DATA, SUBMIT UPDATED HYDRAULIC CALCULATIONS AND PROVIDE ANY SYSTEM MODIFICATIONS AS NECESSARY TO MAINTAIN PRESSURE SAFETY MARGIN OF 10 PERCENT.
- FIRE PUMP SHALL BE SELECTED BY SPRINKLER SYSTEM AND STANDPIPE SYSTEM DEMAND DOWNSTREAM OF FIRE PUMP DISCHARGE FLANGE. HOSE STREAM ALLOWANCE SHALL NOT BE INCLUDED IN SYSTEM DEMAND DURING FIRE PUMP SELECTION. HYDRANTS ARE NOT FED FROM FIRE PUMP. HOSE STREAM ALLOWANCE IS REQUIRED TO BE ACCOUNTED FOR IN AVAILABLE PUMP SUCTION PRESSURE.



1 HYDRAULIC PLOT PLAN
1/2" = 1'-0"

STANDPIPE SYSTEM DESIGN CRITERIA

SYSTEM CLASS	TYPE	SERVICE	SIZE (IN)	HOSE CONNECTION SIZE (IN)	REMARKS
I	AUTOMATIC-WET	STANDPIPE	6	2-1/2	SEE NOTES BELOW

- NOTE:
- STANDPIPE SYSTEM TO BE HYDRAULICALLY CALCULATED PER NFPA 14 (2016). STANDPIPE SYSTEMS SHALL BE CALCULATED TO PROVIDE 500 GPM MOST REMOTE STANDPIPE AND 250 GPM AT EACH ADDITIONAL STANDPIPE RISER. STANDPIPE SYSTEM SHALL PROVIDE 100 PSI AT THE MOST REMOTE 2-1/2" HOSE CONNECTION. FOUR (4) TOTAL HOSE VALVES SHALL FLOW 250 GPM AT EACH HOSE VALVE. FDC-1 REQUIRES FOUR (4) 2-1/2" INCH INLETS.

SPRINKLER HEAD SCHEDULE										
SYMBOL	STYLE	THREAD TYPE	K-FACTOR	TEMP RATING (DEG F)	RESPONSE	COVERAGE	FINISH	(BASIS OF DESIGN) MANUFACTURER AND MODEL #	TAG	REMARKS
●	CONCEALED PENDENT	1/2" NPT	5.6	165	QUICK	STANDARD	BRASS	VIKING VK4621	SP-1	PROVIDE WHITE COVER PLATE OR CUSTOM PAINTED COVER PLATE TO MATCH BENJAMIN MOORE SILVER SATIN-556. REFER TO INTERIOR PAINT SCHEDULE ON A-800.
● EC	EXTENDED COVERAGE CONCEALED PENDENT	3/4" NPT	11.2	165	QUICK	EXTENDED	BRASS	VIKING VK538	SP-2	PROVIDE WHITE COVER PLATE OR CUSTOM PAINTED COVER PLATE TO MATCH BENJAMIN MOORE SILVER SATIN-556. REFER TO INTERIOR PAINT SCHEDULE ON A-800.
● 5.6	RECESSED PENDENT	1/2" NPT	5.6	155	QUICK	STANDARD	ENT	VIKING VK3021	SP-3	PROVIDE WHITE ESCHUTCHEON AND CORROSION RESISTANT FINISH.
●	UPRIGHT	1/2" NPT	5.6	155	QUICK	STANDARD	BRASS	VIKING VK300	SP-4	-
● 11.2	OMSA	1/2" NPT	11.2	175	QUICK	STANDARD	BRASS	VIKING VK540	SP-4	-
○ D	DRY-BARREL RECESSED PENDENT	1" NPT	5.6	155	QUICK	STANDARD	CHROME	VIKING VK150	SP-6	-
◀	HORIZONTAL SIDEWALL	1/2" NPT	5.6	175	QUICK	STANDARD	BRASS	VIKING VK305	SP-7	-
◀ DB	DRY-BARREL HORIZONTAL SIDEWALL	1" NPT	5.6	175	QUICK	STANDARD	BRASS	VIKING VK152	SP-8	-

NOTES:

AUTOMATIC AIR RELEASE VALVE SCHEDULE					
TAG	LOCATION	END CAP/VENT OUTLET (IN)	ORIENTATION	MANUFACTURER & MODEL#	REMARKS
PAV-1	LEVEL 1 - TRAINING ROOM 104	3"	HORIZONTAL WITH 7900V IN VERTICAL	AGF PURGE/VENT MODEL 7930ECA	SEE BELOW
PAV-2	LEVEL 2 - SML OFFICE TRAINING ROOM 203A	3"	HORIZONTAL WITH 7900V IN VERTICAL	AGF PURGE/VENT MODEL 7930ECA	SEE BELOW
PAV-3	LEVEL 3 - RSO OFFICE 304A	3"	HORIZONTAL WITH 7900V IN VERTICAL	AGF PURGE/VENT MODEL 7930ECA	SEE BELOW
PAV-4	LEVEL 4 - PL-1, -2, -4 IAOT-6 409E	3"	HORIZONTAL WITH 7900V IN VERTICAL	AGF PURGE/VENT MODEL 7930ECA	SEE BELOW
PAV-5	MECHANICAL PENTHOUSE 501	3"	HORIZONTAL WITH 7900V IN VERTICAL	AGF PURGE/VENT MODEL 7930ECA	SEE BELOW

NOTE: 175 PSI MAX WORKING PRESSURE.

HOSE VALVE SCHEDULE					
TAG	LOCATION	INLET/OUTLET (IN)	ORIENTATION	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
HV-1	STAIRWELL A AND B	2-1/2"	STRAIGHT	GAURDIAN 5230	SEE BELOW
HV-2	STAIRWELL A AND B	2-1/2"	STRAIGHT	VIKING EASYPAC DN150	SEE BELOW

NOTE: PROVIDE FACTORY ASSEMBLED TRIM. 300 PSI MAX WORKING PRESSURE.

BACKFLOW PREVENTER SCHEDULE					
TAG	LOCATION	INLET/OUTLET (IN)	ORIENTATION	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
BCVA-1	WATER SERVICE RM 115B	6	HORIZONTAL	ZURN WILKINS MODEL 350	SEE BELOW

PROVIDE BACKFLOW PREVENTION DEVICE ASSEMBLY IN COMPLIANCE WITH THE REQUIREMENTS OF NYS DEPARTMENT OF HEALTH - CROSS CONNECTION CONTROL PROGRAM. SUBMIT APPLICATION (DOH-347 FORM AND PLANS) TO NYS DEPARTMENT OF HEALTH FOR APPROVAL OF THE BACKFLOW PREVENTION DEVICE INSTALLATION.

DOH-347 APPLICATION IS REQUIRED TO INCLUDE, BUT NOT LIMITED TO THE FOLLOWING:

- SITE PLANS (DRAWN TO SCALE OR DIMENSIONED)
- BACKFLOW PREVENTION DEVICE INSTALLATION PLANS: PLAN VIEW, PARTIAL ENLARGED PLAN, AND SECTION VIEW (DRAWN TO SCALE OR DIMENSIONED)
- ENGINEERS REPORT
- MANUFACTURER'S SPECIFICATION OF DEVICE INSTALLED

FOLLOWING ISSUANCE OF APPROVAL OF PLAN SUBMISSION AND INSTALLATION, PROVIDE TESTING BY A CERTIFIED TESTER. SUBMIT TEST RESULTS AND CERTIFICATION (DOH-1013 FORM) TO APPROVING AGENT FOR ISSUANCE OF A COMPLETED WORKS APPROVAL.

AIR COMPRESSOR SCHEDULE											
TAG	LOCATION	DRY SYSTEM CAPACITY (GAL)	FILL CAPACITY (GAL)		COMPRESSOR				(BASIS OF DESIGN) MANUFACTURER & MODEL #	REMARKS	
			40 PSI IN 30 MIN	MAX CAPACITY	TYPE	HP	VOLT	PH			HZ
FAC-1	FIRE PUMP RM 120	550	615	615	OIL-LESS	1	208	1	60	GENERAL AIR OLE15100AC	SEE NOTE 1 BELOW
FAC-2	CUST. 129	77	134	134	OIL-LESS	1/4	120	1	60	RELIABLE MODEL A	SEE NOTE 2 BELOW
FAC-3	CUST. 212	15	134	134	OIL-LESS	1/4	120	1	60	RELIABLE MODEL A	SEE NOTE 2 BELOW
FAC-4	CUST. 313	15	134	134	OIL-LESS	1/4	120	1	60	RELIABLE MODEL A	SEE NOTE 2 BELOW
FAC-5	CUST. 412	70	134	134	OIL-LESS	1/4	120	1	60	RELIABLE MODEL A	SEE NOTE 2 BELOW

NOTE:
1. PROVIDE WITH AIR MAINTENANCE DEVICE AND 5 HP FOR 208V MOTOR LINE STARTER.
2. PROVIDE WITH AIR MAINTENANCE DEVICE AND 1 HP FOR 115V MOTOR LINE STARTER.

PREACTION CONTROL PANEL SCHEDULE						
TAG	LOCATION	ELECTRICAL LOADS			(BASIS OF DESIGN) MANUFACTURER & MODEL #	REMARKS
		VOLT	PH	HZ		
FCP-1	CUST. 129	120	1	60	POTTER ARC-100	NONE
FCP-2	CUST. 212	120	1	60	POTTER ARC-100	NONE
FCP-3	CUST. 313	120	1	60	POTTER ARC-100	NONE
FCP-4	CUST. 412	120	1	60	POTTER ARC-100	NONE

ELECTRIC FIRE PUMP (SKID) SCHEDULE													
TAG	LOCATION	SERVICE	FLUID	TYPE	ELECTRICAL DATA				RATED CAPACITY		(BASIS OF DESIGN) MANUFACTURER & SIZE (SUCTION X DISCHARGE)	REMARKS	
					HP	VOLT	PH	HZ	GPM	PSI			
FP-1	FIRE PUMP RM	FIRE PROTECTION	WATER	VERTICAL IN LINE	75	480	3	60	3600	750	95	ARMSTRONG VIL 64LB-F	SEE BELOW

NOTE:
1. CONNECT ANSI 250 LBS PRESSURE RATED CONCENTRIC REDUCERS TO DISCHARGE FLANGES.
2. PROVIDE TORNATECH JPS-480/120/60 COMBINED MANUAL AND AUTOMATIC FIRE PUMP CONTROLLER WITH AUTOMATIC TRANSFER SWITCH. COORDINATE WIRING WITH ELECTRICAL DRAWINGS.
3. FACTORY ASSEMBLED FIRE PUMP SKID SHALL NOT INCLUDE FIRE PUMP CONTROL PANEL, SUPPORT BRACKET, FLOW METER AND BYPASS PIPING IN ORDER TO FIT THROUGH FIRE PUMP ROOM EXTERIOR DOOR. FIRE PUMP MANUFACTURER TO ASSEMBLE THE TRIM WITH THE FIRE PUMP CONTROL PANEL, SUPPORT BRACKET, FLOW METER AND BYPASS PIPING. FIRE PUMP SKID SHALL BE IDENTIFIED TO HOUSEKEEPING TO IDENTIFY THE FIRE PUMP ROOM.
4. CONTRACTOR SHALL OBTAIN APPROVED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS PRIOR TO PURCHASING FIRE PUMP SKID.

JOCKEY PUMP SCHEDULE													
TAG	LOCATION	SERVICE	FLUID	TYPE	RATED FLOW (GPM)	HEAD (PSI)	ELECTRICAL DATA				(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS	
							HP	VOLT	PH	HZ			RPM
JP-1	FIRE PUMP RM	FIRE PROTECTION	WATER	VERTICAL IN LINE	7.5	95	1.5	480	3	60	1800	ARMSTRONG 4700-VMS-03 07B	SEE BELOW

NOTE:
1. PROVIDE TORNATECH JPS-480/120/60 JOCKEY PUMP CONTROLLER. COORDINATE WIRING WITH ELECTRICAL DRAWINGS.
2. JOCKEY PUMP AND JOCKEY PUMP CONTROLLER INCLUDED WITH FACTORY ASSEMBLED FIRE PUMP SKID.

PUMP TEST CONNECTION SCHEDULE								
TAG	LOCATION	TYPE	FINISH	SIZE (IN)	INLET	NUMBER AND SIZE OF HOSE VALVES	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
PTC-1	FIRE PUMP RM	FREE STANDING	RED EPOXY COATING	8	WALL-MOUNTED	6 - 2-1/2"	POTTER-ROEMER MODEL 5865	SEE BELOW

NOTE:
1. PROVIDE 300 LBS PRESSURE CLASS.
2. PROVIDE 3 SETS OF POTTER-ROEMER MODEL 4085 HOSE VALVES. HOSE VALVE THREADS TO BE FEMALE NPT x MALE. REFER TO SPECIFICATIONS.

FLOOR CONTROL ASSEMBLY SCHEDULE					
TAG	LOCATION	INLET/OUTLET (IN)	ORIENTATION	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
FCS-1	STAIRWELL A	3	HORIZONTAL	VIKING EASYPAC FLOOR CONTROL MANIFOLD	PROVIDE 2" TEST/DRAIN VALVE AND PRV

NOTE: PROVIDE FACTORY ASSEMBLED TRIM AND 250 PSI MAXIMUM WATER PRESSURE.

FIRE DEPARTMENT CONNECTION SCHEDULE							
TAG	LOCATION	TYPE	FINISH	SIZE (IN)	NUMBER OF CLAPPERS	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
FDC-1	FIRE PUMP RM	FLUSH WALL	CAST BRASS	8" x 2-1/2"	3	POTTER-ROEMER MODEL 9031	SEE BELOW

NOTE: CONTRACTOR TO PROVIDE PLUGS, CHAINS, AND CAST BRASS ESCUTCHEON PLATE. ESCUTCHEON PLATE SHALL BE IDENTIFIED AS 'AUTO. SPK. & STANDPIPE.'

PRESSURE RELIEF AND CONTROL VALVES					
TAG	LOCATION	INLET/OUTLET (IN)	ORIENTATION	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
PCV-1	STAIR B - SB	3	HORIZONTAL	CLA-VAL MODEL 90G-21	SEE BELOW
PCV-2	STAIRWELL B - SB	2	VERTICAL	CLA-VAL MODEL 90G-21	SEE BELOW
PCV-3	FIRE PUMP RM 120 HIGH PILED STORAGE RISER	6	VERTICAL	CLA-VAL MODEL 90G-21	SEE BELOW
PCV-4	FIRE PUMP RM 120 DRY SYSTEM RISER	4	VERTICAL	CLA-VAL MODEL 90G-21	SEE BELOW
PSCV-1	FIRE PUMP RM 120	8	HORIZONTAL	CLA-VAL MODEL 50B-5KG	SEE BELOW
PR-1	STAIRWELL B - SB	1/2	VERTICAL	CLA-VAL MODEL 55L	SEE BELOW

NOTE: 300 PSI MAX WORKING PRESSURE.

RISER CHECK VALVE SCHEDULE					
TAG	LOCATION	INLET/OUTLET (IN)	ORIENTATION	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
RCV-1	FIRE PUMP RM	8	VERTICAL	VIKING MODEL F-1	SEE BELOW
RCV-2	FIRE PUMP RM	6	VERTICAL	VIKING MODEL F-1	SEE BELOW

NOTE: PROVIDE FACTORY ASSEMBLED TRIM. 300 PSI MAX WORKING PRESSURE.

DRY VALVE SCHEDULE					
TAG	LOCATION	INLET/OUTLET (IN)	ORIENTATION	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
DPV-1	FIRE PUMP RM	4	VERTICAL	VIKING MODEL F-1	SEE BELOW

NOTE: PROVIDE FACTORY ASSEMBLED TRIM. 300 PSI MAX WORKING PRESSURE. PROVIDE POTTER BVL LEVER TYPE BLEEDER VALVE WITH 1/4 IN 3-WAY VALVE WITH AIR GUAGE TO CONNECT TO LOW AIR PRESSURE SWITCH PS40. PROVIDE WITH VIKING MODEL ANTI-COLUMN DEVICE. DRY PIPE SYSTEM CAPACITY EXCEEDS 750 GALLONS. PROVIDE DRY PIPE VALVE WITH MODEL D-2 ACCELERATOR.

PREACTION SYSTEM SCHEDULE					
TAG	LOCATION	INLET/OUTLET (IN)	ORIENTATION	(BASIS OF DESIGN) MANUFACTURER & MODEL#	REMARKS
PRV-1	CUSTODIAL ROOM 129	2	VERTICAL	VIKING MODEL VXD (PTR)	SEE BELOW
PRV-2	CUSTODIAL ROOM 212	2	VERTICAL	VIKING MODEL VXD (PTR)	SEE BELOW
PRV-3	CUSTODIAL ROOM 313	2	VERTICAL	VIKING MODEL VXD (PTR)	SEE BELOW
PRV-4	CUSTODIAL ROOM 412	2	VERTICAL	VIKING MODEL VXD (PTR)	SEE BELOW
PRV-5	ELEVATOR MACHINE ROOM 133	2	VERTICAL	VIKING MODEL VXD (PTR)	SEE BELOW

NOTE: PROVIDE FACTORY ASSEMBLED TRIM. 300 PSI MAX WORKING PRESSURE.

SEQUENCE OF OPERATION:

- THE ACTIVATION OF BOTH A SINGLE ELECTRIC FIRE DETECTOR AND THE ACTIVATION BY HEAT OF AN AUTOMATIC SPRINKLER HEAD ARE NECESSARY TO CAUSE WATER TO DISCHARGE.
- THE ACTIVATION OF AN ELECTRIC FIRE DETECTOR BEFORE ACTIVATION BY HEAT OF AN AUTOMATIC SPRINKLER HEAD SHALL:
 - PUT POTTER ARC-100 INTEGRAL CONTROL PANEL INTO ALARM CONDITION.
 - ACTIVATE SOLENOID ON TRIM OF PREACTION VALVE.
 - NOT ALLOW WATER TO ENTER THE SPRINKLER PIPING.
- THE ACTIVATION BY HEAT OF AN AUTOMATIC SPRINKLER HEAD AFTER ACTIVATION OF AN ELECTRIC FIRE DETECTOR SHALL:
 - ALLOW WATER TO ENTER THE SPRINKLER PIPING.
 - DISCHARGE WATER FROM ACTIVATED SPRINKLER HEADS.
- THE ACTIVATION BY HEAT OF AN AUTOMATIC SPRINKLER HEAD OR A BREAK OR AIR LEAK IN THE SPRINKLER PIPING BEFORE ACTIVATION OF AN ELECTRIC FIRE DETECTOR SHALL:
 - PUT POTTER ARC-100 INTEGRAL CONTROL PANEL INTO SUPERVISORY CONDITION.
 - NOT PERMIT WATER TO ENTER THE SPRINKLER PIPING.
- OPERATION OF THE EMERGENCY MANUAL RELEASE VALVE INTEGRAL WITH THE POTTER ARC-100 SHALL OPEN THE PREACTION VALVE AND ALLOW WATER TO ENTER THE SPRINKLER PIPING.



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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: MJB

DRAWN BY: KMH

FIELD CHECK:

APPROVED:

SHEET TITLE: SCHEDULES

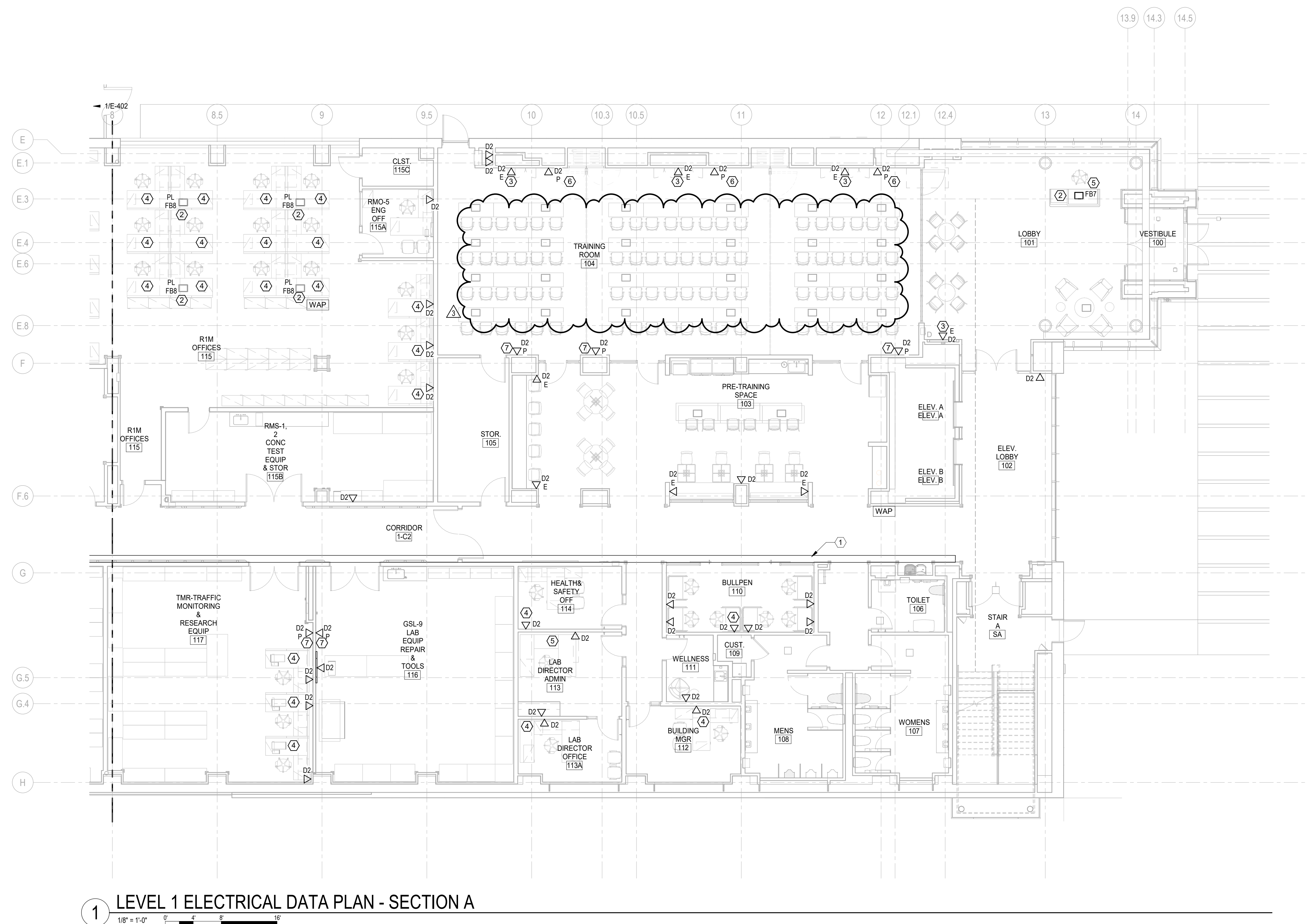
DRAWING NUMBER: F-501

SHEET: OF

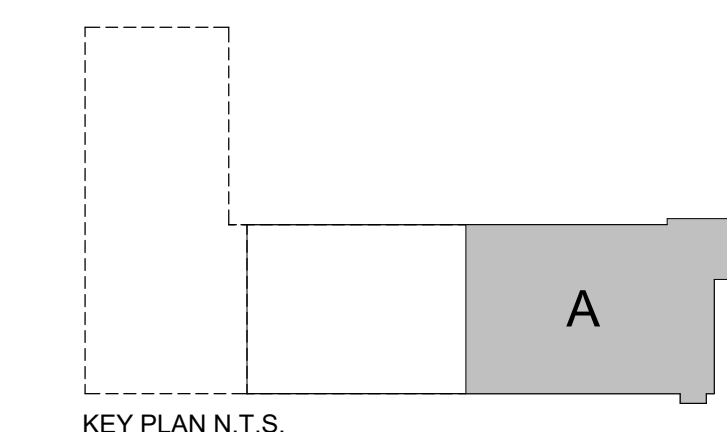


GENERAL SHEET NOTES:

1. ALL RECEPTACLES SHOWN ARE TO BE FLUSH MOUNTED UNLESS INDICATED OTHERWISE.
 2. ALL WAP UNITS TO BE MOUNTED ABOVE CEILING.
 3. SPLICES ARE NOT TO BE MADE IN ANY CIRCUIT OR CABLE UNLESS SHOWN ON CONTRACT DRAWINGS.
 4. ROUTING OF CABLING ON EACH FLOOR SHALL BE VIA CABLE TRAY TO CLOSEST LOCATION NEAR ROOM/AREA OF DESTINATION AND THEN ROUTED, THROUGH CEILING SPACE, TO LOCATION DIRECTLY ABOVE CONNECTION POINT. ROUTING OF CABLE THROUGH ALL INACCESSIBLE LOCATIONS SHALL BE IN CONDUIT.
 5. PROVIDE FIRE STOPPING AT ALL FIRE WALL PENETRATIONS.
 6. ALL CAT6a COMMUNICATION CABLE INTERIOR TO BUILDING TO BE INDOOR RATED UTP.
- KEYED NOTES: (#)**
1. 12"(W)x8"(D) CABLE TRAY FOR DATA WIRING MOUNTED ABOVE CEILING.
 2. SEE SHEET E - 111 FOR UNDERGROUND CONDUIT ROUTING.
 3. MOUNT RECEPTACLE AS SHOWN ON SHEET TA-500 DETAIL 3.
 4. 7841 PHONE.
 5. 8851 PHONE.
 6. 8832 PHONE.
 7. 7800 (WALL MOUNTED PHONE).



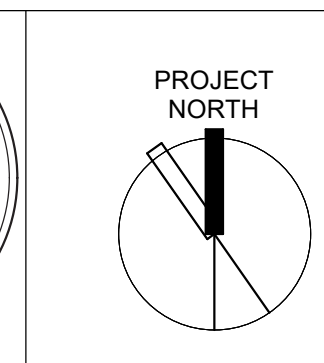
1 LEVEL 1 ELECTRICAL DATA PLAN - SECTION A
1/8" = 1'-0"



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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: APM

DRAWN BY: APM

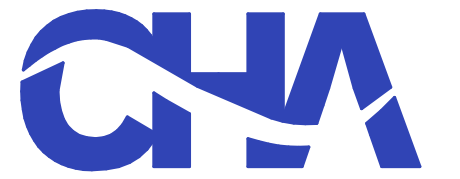
FIELD CHECK:

APPROVED:

SHEET TITLE: LEVEL 1 ELECTRICAL DATA PLAN - SECTION A

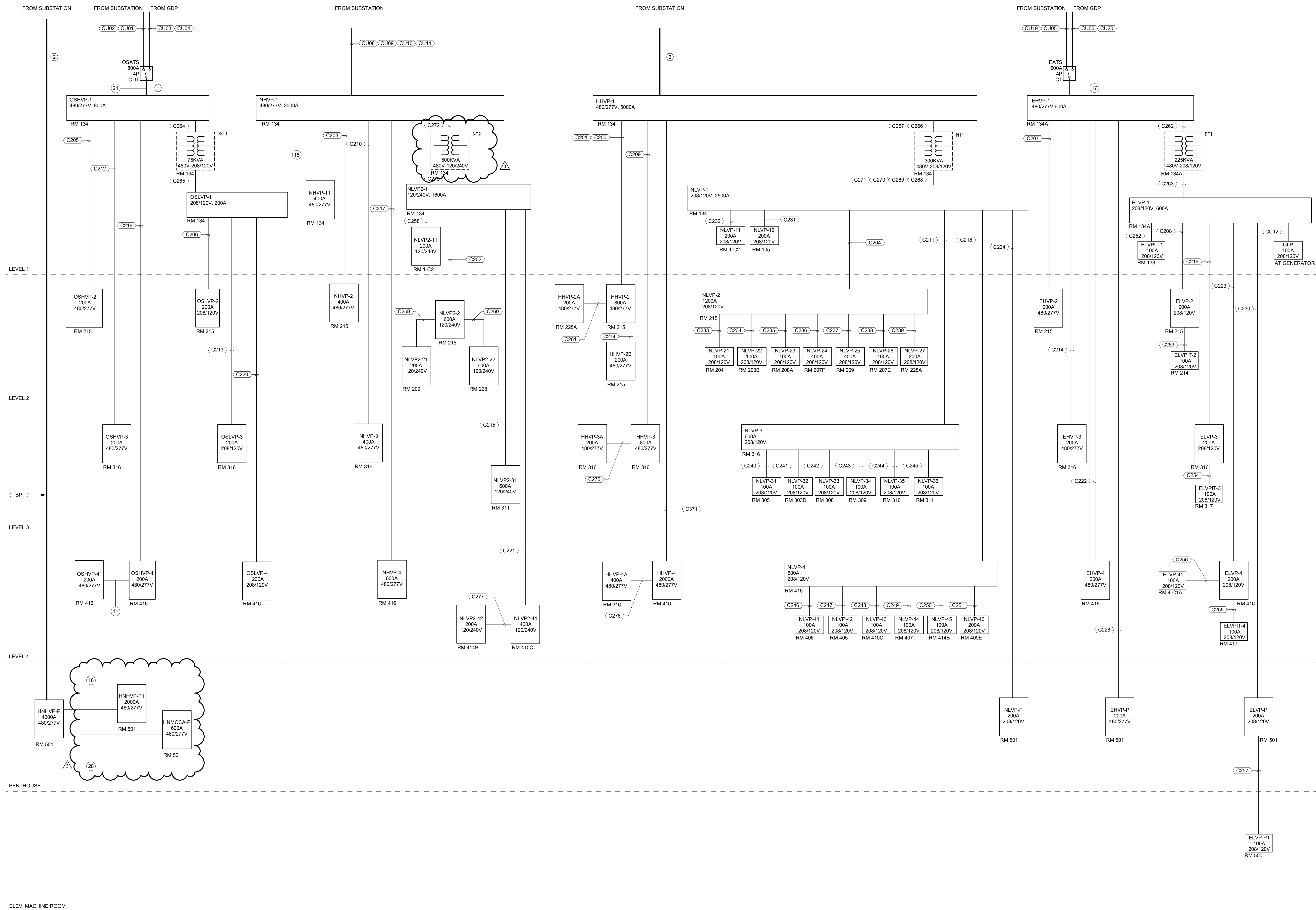
DRAWING NUMBER: E-401

SHEET: OF



GENERAL SHEET NOTES:
1. REFER TO COPPER WIRE SIZING SCHEDULE ON E-610 FOR CABLE INFORMATION.
2. ALL PANELS AND TRANSFORMERS ARE LOCATED IN THE RESPECTIVE FLOOR ELECTRICAL ROOM UNLESS OTHERWISE NOTED.

KEYED NOTES: #
1. INTERLOCK WITH FIRE PUMP CONTROLLER TO DISABLE WHEN FIRE PUMP IS IN OPERATION.
2. 5000A BUSWAY.



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CONTRACT: CONSTRUCTION
TITLE: Provide Testing Laboratory, Building 14
LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY
CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C
DESIGNED BY: APM
DRAWN BY: APM
FIELD CHECK:
APPROVED:
SHEET TITLE: ELECTRICAL DISTRIBUTION ONE-LINE

DRAWING NUMBER: E-612

SHEET: OF

Autodesk Docs://47528 DOT Lab Building/082990-DOTLAB-ELEC23.rvt 3/25/26 10:29 AM 42x30 PLOT SHEET

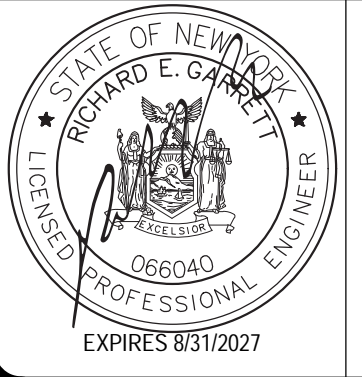
1 ELECTRICAL DISTRIBUTION ONE-LINE
NOT TO SCALE



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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: VFM

DRAWN BY: VFM

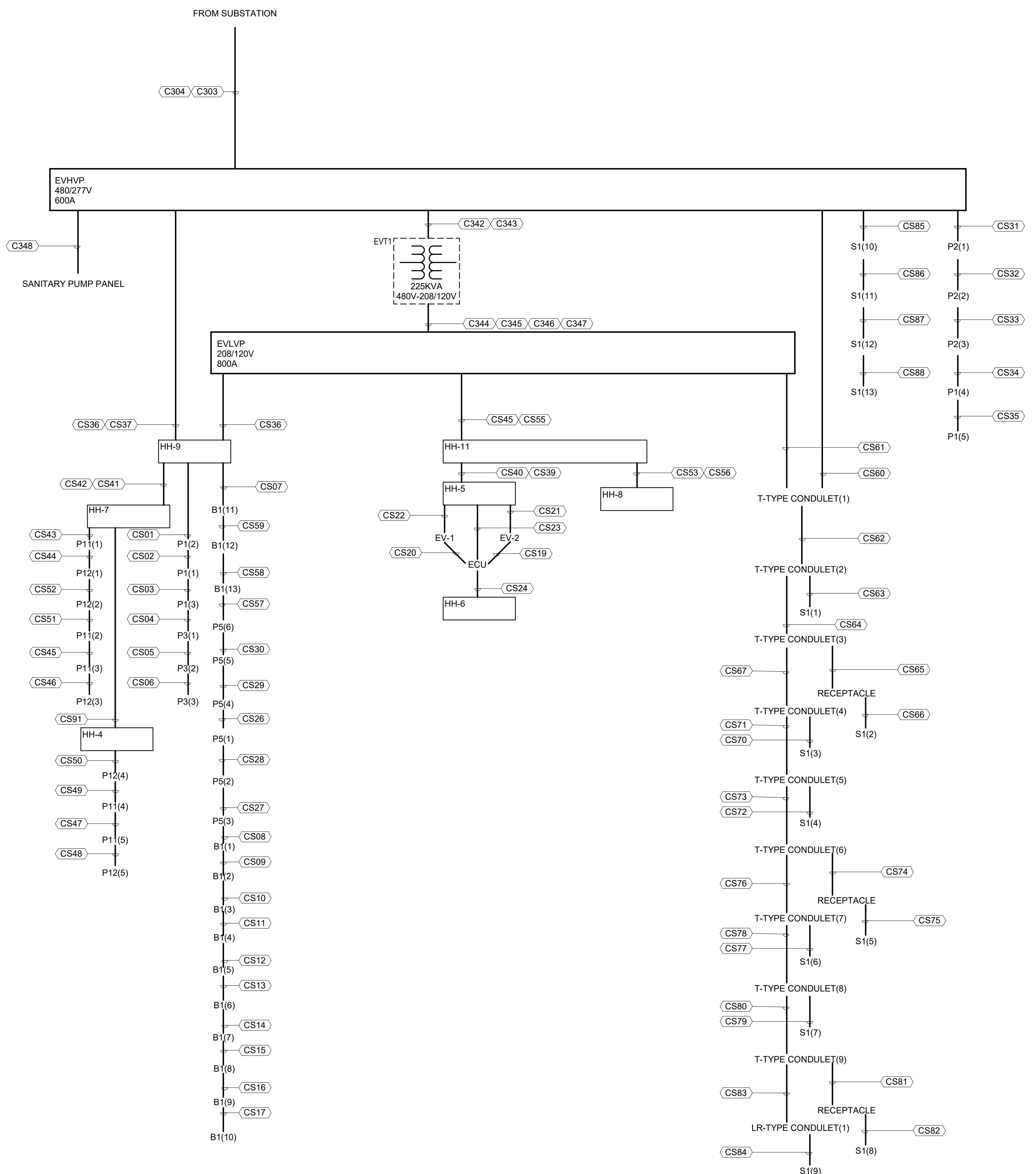
FIELD CHECK:

APPROVED:

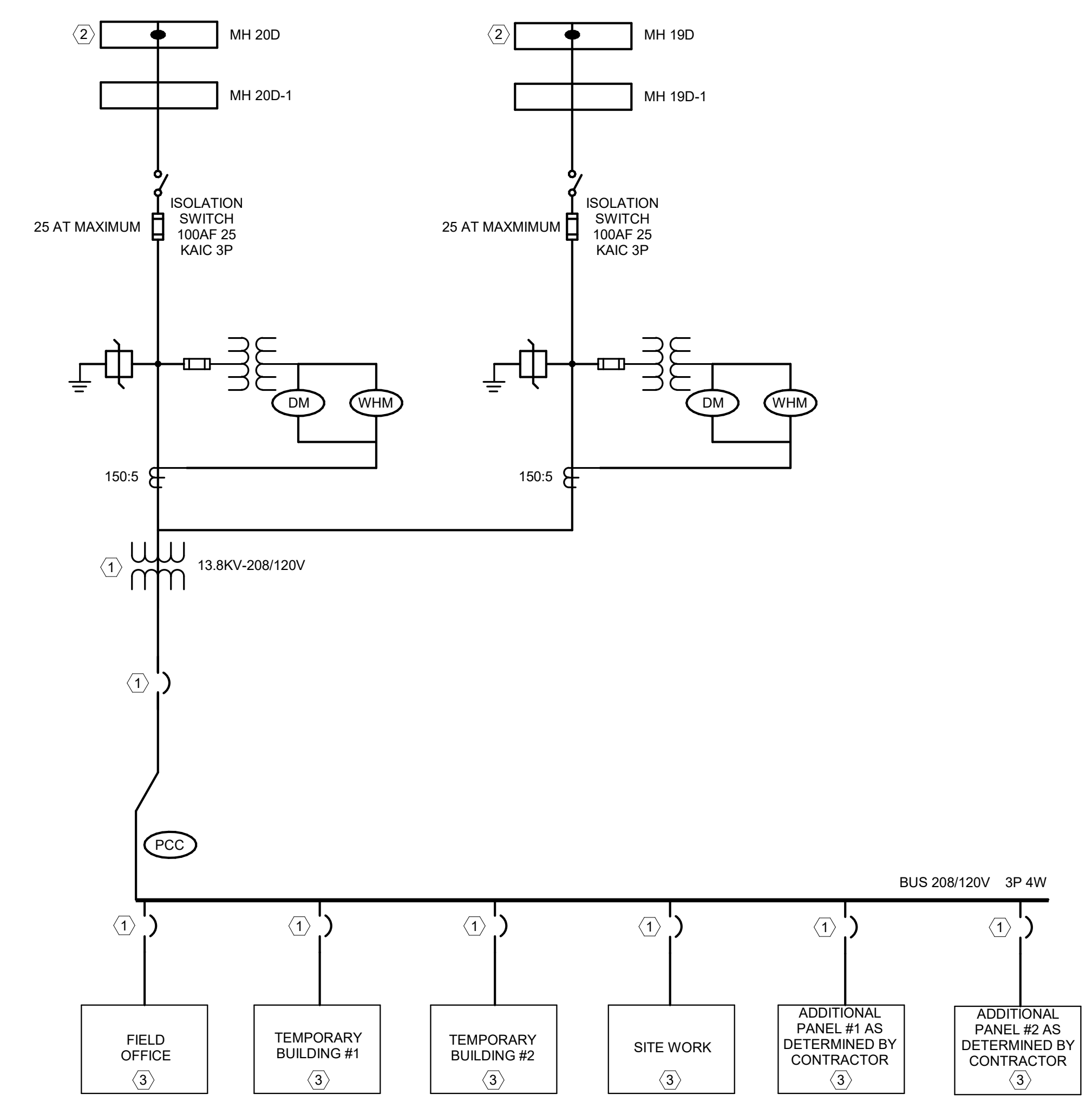
SHEET TITLE: ELECTRICAL DISTRIBUTION ONE-LINE

DRAWING NUMBER: E-613

SHEET: OF

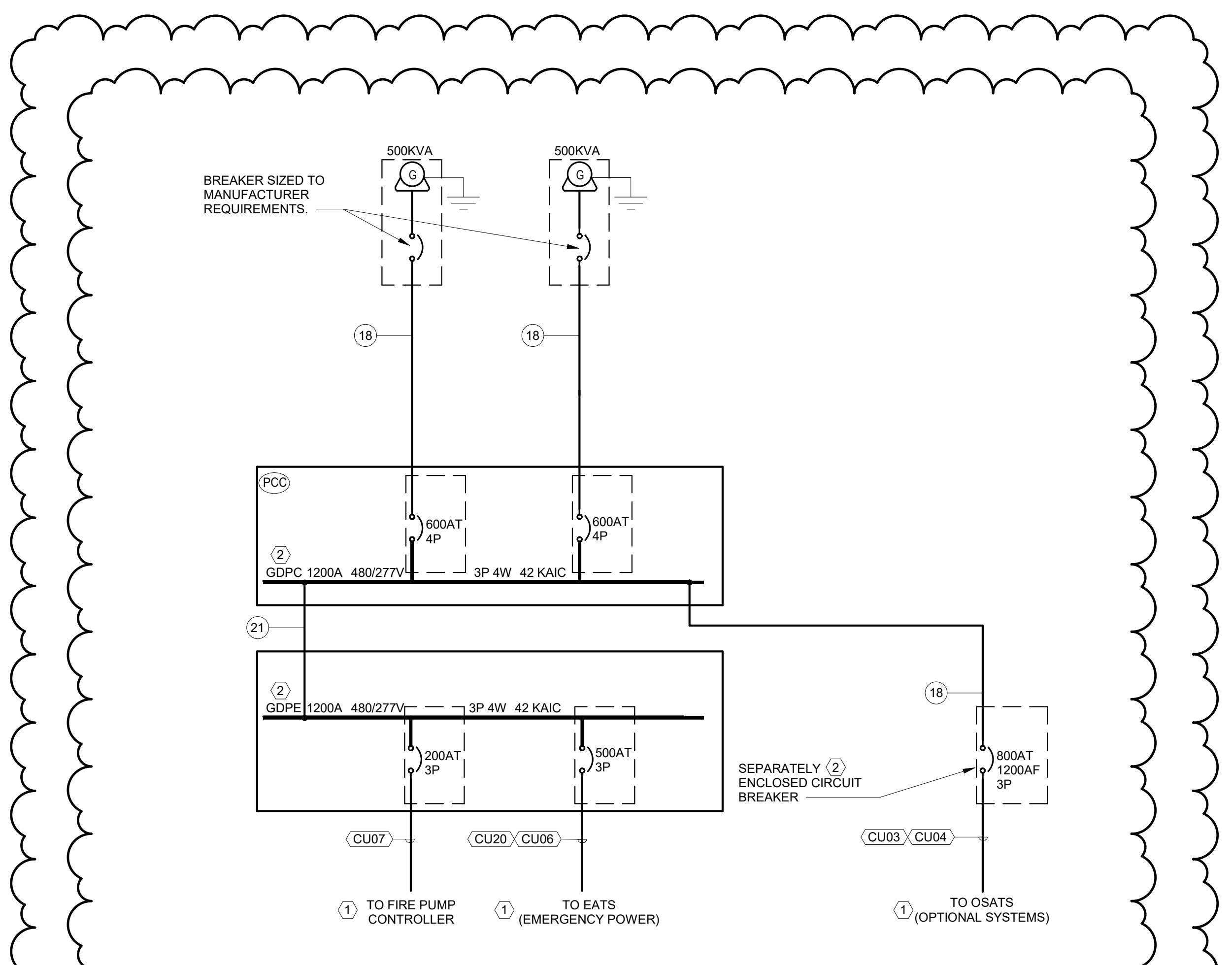


1 ELECTRICAL SITE DISTRIBUTION ONE-LINE
NOT TO SCALE



2 ELECTRICAL TEMPORARY SERVICE ONE-LINE
NOT TO SCALE

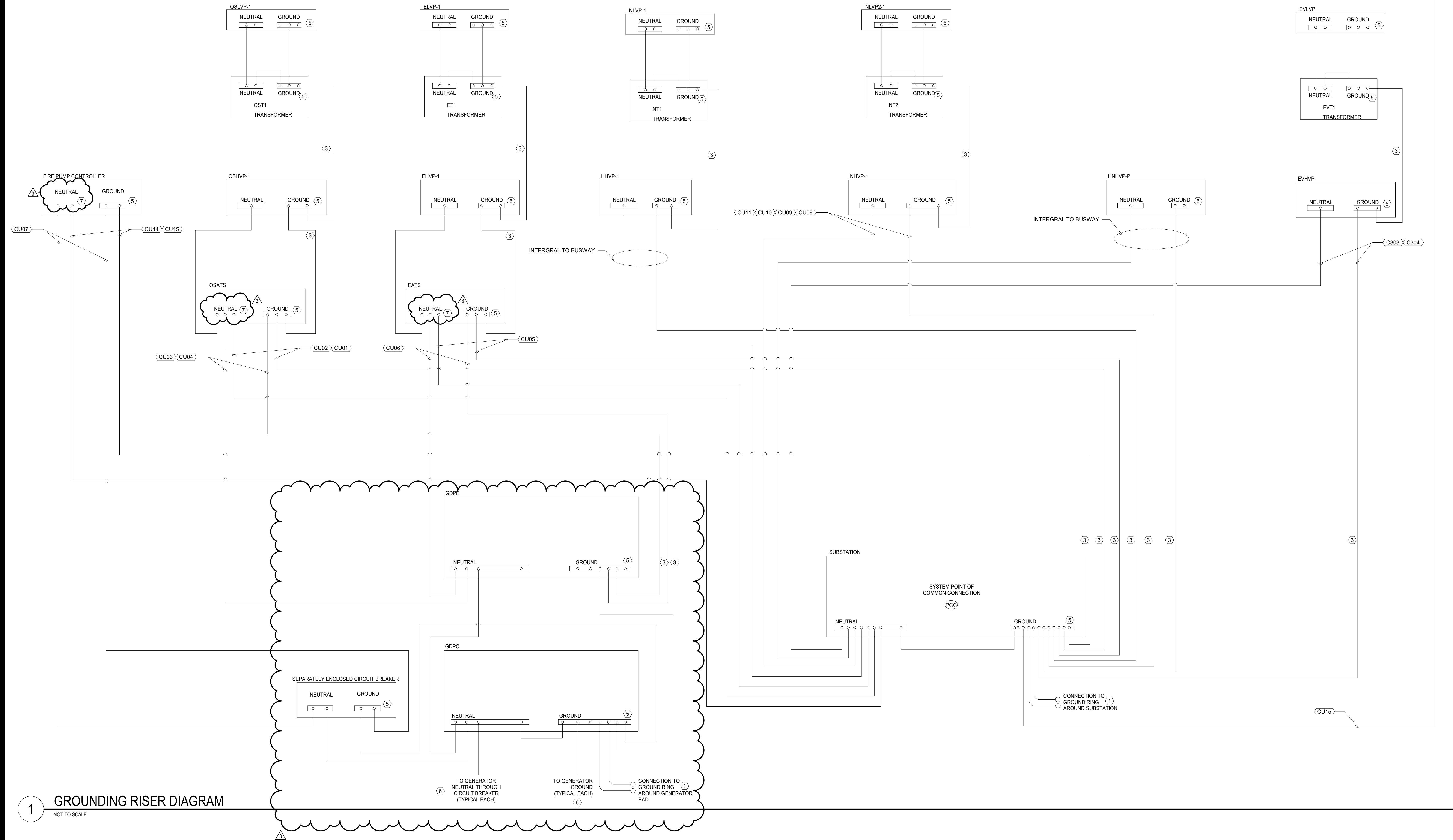
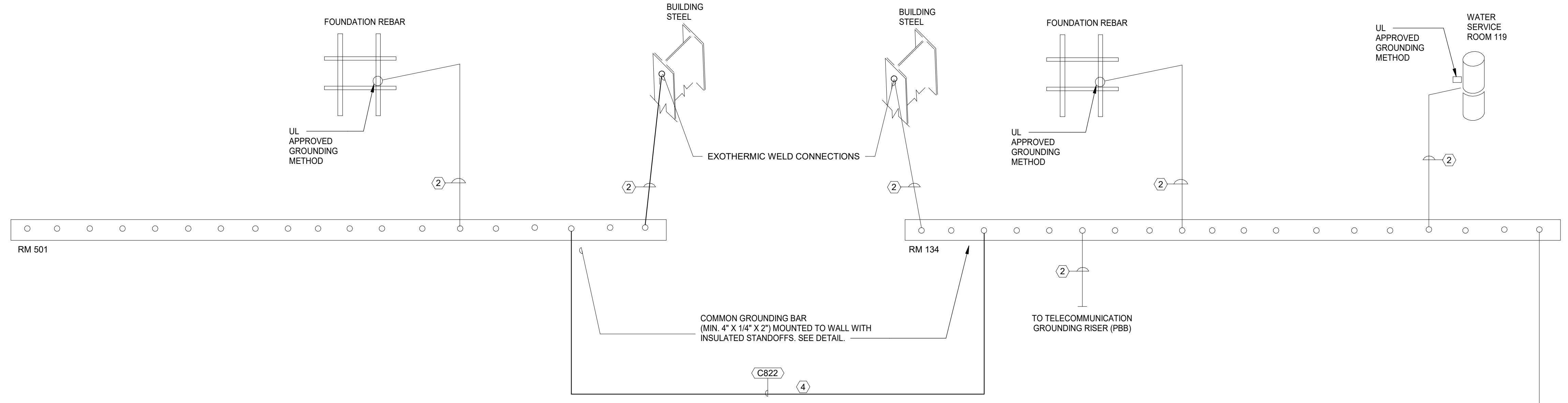
- KEYED NOTES: (#)
1. TO BE SIZED BY CONTRACTOR.
 2. SPLICE TO EXISTING CIRCUIT AS DIRECTED BY DIRECTOR'S REPRESENTATIVE WITH 600A 15KV RATED SEPARABLE SPLICES.
 3. PROVIDE PANELS AS SHOWN. CONTRACTOR TO DETERMINE LOCATION AND SIZE/CAPACITY.



3 ELECTRICAL GENERATOR ONE-LINE
NOT TO SCALE

- GENERAL NOTES:
- A. FOR GENERATOR DETAILS, SEE SHEET E-710.
- KEYED NOTES: (#)
1. PROVIDED WITH 4 POLE TRANSFER SWITCH.
 2. ENCLOSURE TO BE NEMA 3R.

- KEYED NOTES: (7)
1. TO GROUND GRID WITH #4/0 INSULATED COPPER CONDUCTORS. REFER TO DETAIL E-710 FOR DETAILS.
 2. (2) #2/0 INSULATED COPPER CONDUCTORS.
 3. #4/0 INSULATED COPPER CONDUCTORS IN CONDUIT UNLESS NOTED OTHERWISE ON SINGLE LINE DIAGRAM.
 4. (2) #4/0 INSULATED COPPER CONDUCTORS IN CONDUIT.
 5. GROUND BUS.
 6. PROVIDE GENERATORS AS INDICATED ON SINGLE LINE DIAGRAM. SEE SHEET E-613.
 7. NEUTRAL SWITCHED AS PART OF 4 POLE TRANSFER SWITCH.



1 GROUNDING RISER DIAGRAM

NOT TO SCALE

Autodesk Docs://47528 DOT Lab Building/082990-DOTLAB-ELEC23.rvt
3/25/2025 10:29:24 AM
42x30 PLOT SHEET

CONSULTANT:
CERTIFICATE OF AUTHORIZATION #: 021745



UNIFORM CODE STATEMENT:
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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: **47528-C**

DESIGNED BY: APM

DRAWN BY: APM

FIELD CHECK:

APPROVED:

SHEET TITLE: **GROUNDING RISER DIAGRAM**

DRAWING NUMBER: **E-621**

SHEET: OF



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ENGINEER CODE WRITTEN STATEMENT:
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LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

3 03/25/26 ADDENDUM 3
01/13/26 BID DOCUMENT

MARK DATE DESCRIPTION
PROJECT NUMBER: 47528-C

DESIGNED BY: APM

DRAWN BY: APM

FIELD CHECK:

APPROVED:

SHEET TITLE:

ELECTRICAL PANEL SCHEDULES - PENTHOUSE

DRAWING NUMBER: E-665

SHEET: OF

Panel: HNHVP-P1
Location: MECHANICAL PENTHOUSE 501
Mounting: Surface
Enclosure: 12

Supply From: HNHVP-P
Volts: 480/277 Wye
MCB Rating: 2000 A

A.I.C. Rating:
Mains Type: MCB
Mains Rating: 2000 A

POS	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	POS
1,3,5	WWHP-1 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A			3	80 A	WWHP-2 - MECHANICAL PENTHOUSE 501
7,9,11	WWHP-3 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-4 - MECHANICAL PENTHOUSE 501
13,15...	WWHP-5 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-6 - MECHANICAL PENTHOUSE 501
19,21...	WWHP-7 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-9 - MECHANICAL PENTHOUSE 501
25,27...	WWHP-8 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-10 - MECHANICAL PENTHOUSE 501
31,33...	WWHP-11 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-12 - MECHANICAL PENTHOUSE 501
37,39...	WWHP-13 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-14 - MECHANICAL PENTHOUSE 501
43,45...	WWHP-15 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-16 - MECHANICAL PENTHOUSE 501
49,51...	WWHP-17 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-18 - MECHANICAL PENTHOUSE 501
55,57...	WWHP-19 - MECHANICAL PENTHOUSE 501	80 A	3	61 A	61 A	61 A	61 A	3	80 A	WWHP-20 - MECHANICAL PENTHOUSE 501
61,63...	WWHP-21 - MECHANICAL PENTHOUSE 501	80 A	3	61 A		61 A				
67										
69										
71										
73										
75										
77										
Total Amps:				1282 A	1282 A	1282 A				

Legend:
(G) - GFIC BREAKER (GP) - GFEP BREAKER (A) - AFCI BREAKER (S) - SHUNT TRIP BREAKER (L) - LOCKABLE BREAKER

Panel: HNHVP-P
Location: MECHANICAL PENTHOUSE 501
Mounting: Surface
Enclosure: 12

Supply From: WEST BUS
Volts: 480/277 Wye
MCB Rating: 3500 A

A.I.C. Rating: 88 KAIC
Mains Type: MCB
Mains Rating: 4000 A

POS	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	POS
1,3,5	HNHVP-P1	2000 A	3	1282 A	427 A			3	600 A	HNHVP-P
7,9,11	VAC-1 - MECHANICAL PENTHOUSE 501	35 A	3	14 A	14 A	1282 A	427 A	3	35 A	VAC-2 - MECHANICAL PENTHOUSE 501
13,15...	DIS-2 - MECHANICAL PENTHOUSE 501	90 A	3	16 A	16 A	16 A	16 A	3	90 A	DIS-1 - MECHANICAL PENTHOUSE 501
19,21...	DOAS-2 - ROOF	35 A	3	21 A	21 A	21 A	21 A	3	35 A	DOAS-1 - ROOF
25,27...	UH-3 - MECHANICAL PENTHOUSE 501	40 A	3	30 A	21 A	21 A	21 A	3	35 A	DOAS-3 - ROOF
31,33...	COM-1 - MECHANICAL PENTHOUSE 501	300 A	3	240 A	30 A	240 A	30 A	3	40 A	UH-4 - MECHANICAL PENTHOUSE 501
37,39...	DC-1 - MECHANICAL PENTHOUSE 501	35 A	3	27 A	240 A	27 A	240 A	3	300 A	COM-2 - MECHANICAL PENTHOUSE 501
43,45...	ACS-1 - MECHANICAL PENTHOUSE 501	20 A	3	14 A	--	14 A	--	1	--	SPACE
Total Amps:				2413 A	2413 A	14 A	--	1	--	SPACE

Legend:
(G) - GFIC BREAKER (GP) - GFEP BREAKER (A) - AFCI BREAKER (S) - SHUNT TRIP BREAKER (L) - LOCKABLE BREAKER

Panel: ELVP-P
Location: MECHANICAL PENTHOUSE 501
Mounting: SURFACE
Enclosure: 12

Supply From: ELVP-1
Volts: 120/208 Wye
MCB Rating: 200 A

A.I.C. Rating: 42kA
Mains Type: MCB
Mains Rating: 200 A

POS	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	POS
1	FAC-6 - RM 601	20 A	1	2 A	19 A			2	28 A	CU-1 - ROOF
3	FTR-4 - RM 501	20 A	1		16 A	19 A				
5	FCP-5 - RM 601	20 A	1			3 A	19 A	2	28 A	CU-3 - ROOF
7	SPARE	20 A	1	0 A	19 A					
9,11	CU-2 - ROOF	28 A	2		19 A	0 A		1	20 A	SPARE
13,15	CU-6 - ROOF	28 A	2	19 A	19 A		19 A	2	28 A	CU-4 - ROOF
17,19	CU-5 - ROOF	28 A	2	19 A	11 A		19 A	3	50 A	ELVP-P1
21,23	CU-7 - PENTHOUSE ROOF	28 A	2		19 A	24 A				
25,27	SPARE	28 A	2	0 A	19 A		19 A	2	28 A	CU-8 - ROOF
29	SPARE	--	1		0 A	0 A	--	2	20 A	SPARE
31	SPARE	--	1	--	--	--	0 A	1	--	SPARE
33	SPARE	--	1	--	--	--	--	1	--	SPARE
35	SPARE	--	1	--	--	--	--	1	--	SPARE
37	SPARE	--	1	--	--	--	--	1	--	SPARE
39	SPARE	--	1	--	--	--	--	1	--	SPARE
41	SPARE	--	1	--	--	--	--	1	--	SPARE
Total Amps:				112 A	106 A	113 A				

Legend:
(G) - GFIC BREAKER (GP) - GFEP BREAKER (A) - AFCI BREAKER (S) - SHUNT TRIP BREAKER (L) - LOCKABLE BREAKER

Panel: EHVP-P
Location: MECHANICAL PENTHOUSE 501
Mounting: Surface
Enclosure: 12

Supply From: EHVP-1
Volts: 480/277 Wye
MCB Rating: 150 A

A.I.C. Rating: 35kA
Mains Type: MCB
Mains Rating: 200 A

POS	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	POS	
1	LIGHTS - RM 601	20 A	1	1 A	0 A			1	20 A	EM LIGHTING - STAIR B	
3	EXIT SIGNS - 501	20 A	1		0 A	112 A					
5	LIGHTS - RM 501	20 A	1				1 A	112 A	3	200 A	CONTROLLER F. ELEV. - RM 601
7	SPARE	20 A	1	0 A	112 A						
9	SPARE	20 A	1		0 A	0 A		1	20 A	SPARE	
11	SPARE	--	1	--	--	--	--	1	--	SPARE	
13	SPARE	--	1	--	--	--	--	1	--	SPARE	
15	SPARE	--	1	--	--	--	--	1	--	SPARE	
17	SPARE	--	1	--	--	--	--	1	--	SPARE	
19	SPARE	--	1	--	--	--	--	1	--	SPARE	
21	SPARE	--	1	--	--	--	--	1	--	SPARE	
23	SPARE	--	1	--	--	--	--	1	--	SPARE	
25	SPARE	--	1	--	--	--	--	1	--	SPARE	
27	SPARE	--	1	--	--	--	--	1	--	SPARE	
29	SPARE	--	1	--	--	--	--	1	--	SPARE	
31	SPARE	--	1	--	--	--	--	1	--	SPARE	
33	SPARE	--	1	--	--	--	--	1	--	SPARE	
35	SPARE	--	1	--	--	--	--	1	--	SPARE	
37	SPARE	--	1	--	--	--	--	1	--	SPARE	
39	SPARE	--	1	--	--	--	--	1	--	SPARE	
41	SPARE	--	1	--	--	--	--	1	--	SPARE	
Total Amps:				113 A	112 A	113 A					

Legend:
(G) - GFIC BREAKER (GP) - GFEP BREAKER (A) - AFCI BREAKER (S) - SHUNT TRIP BREAKER (L) - LOCKABLE BREAKER

Panel: NLVP-P
Location: MECHANICAL PENTHOUSE 501
Mounting: SURFACE
Enclosure: 12

Supply From: NLVP-1
Volts: 120/208 Wye
MCB Rating: 100 A

A.I.C. Rating: 42kA
Mains Type: MCB
Mains Rating: 200 A

POS	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	POS
1	GF-2 - RM 501	20 A	1	7 A	11 A			1	20 A	RECEPT. - RM 501
3	RECEPT. - ROOF	20 A	1		9 A	9 A		1	20 A	RECEPT. - RM 501
5	BMS-5 - RM 501	20 A	1			15 A	0 A	1	20 A	SPARE
7,9,11	SPARE	20 A	3	0 A	0 A			1	20 A	SPARE
13	SPARE	20 A	1	0 A	0 A			1	20 A	SPARE
15	SPARE	--	1	--	--	--	--	1	--	SPARE
17	SPARE	--	1	--	--	--	--	1	--	SPARE
19	SPARE	--	1	--	--	--	--	1	--	SPARE
21	SPARE	--	1	--	--	--	--	1	--	SPARE
23	SPARE	--	1	--	--	--	--	1	--	SPARE
25	SPARE	--	1	--	--	--	--	1	--	SPARE
27	SPARE	--	1	--	--	--	--	1	--	SPARE
29	SPARE	--	1	--	--	--	--	1	--	SPARE
31	SPARE	--	1	--	--	--	--	1	--	SPARE
33	SPARE	--	1	--	--	--	--	1	--	SPARE
35	SPARE	--	1	--	--	--	--	1	--	SPARE
37	SPARE	--	1	--	--	--	--	1	--	SPARE
39	SPARE	--	1	--	--	--	--	1	--	SPARE
41	SPARE	--	1	--	--	--	--	1	--	SPARE
Total Amps:				17 A	18 A	15 A				

Legend:
(G) - GFIC BREAKER (GP) - GFEP BREAKER (A) - AFCI BREAKER (S) - SHUNT TRIP BREAKER (L) - LOCKABLE BREAKER

Panel: ELVP-P1
Location: Space 407J
Mounting: Recessed
Enclosure: 12

Supply From: ELVP-P
Volts: 120/208 Wye
MCB Rating: 50 A

A.I.C. Rating: 22kA
Mains Type: MCB
Mains Rating: 100 A

POS	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	POS
1	LIGHTING - FREIGHT ELEVATOR SHAFT	20 A	1	1 A	5 A			1	20 A	RECEPT. - RM 601
3	RECEPT. - RM FREIGHT ELEV.	20 A	1		6 A	0 A		1	20 A	SPARE
5,7,9	SUMP PUMP	20 A	3	5 A	0 A	24 A	0 A	1	20 A	SPARE
11	SPARE	--	1	--	--	--	--	1	--	SPARE
13	SPARE	--	1	--	--	--	--	1	--	SPARE
15	SPARE	--	1	--	--	--	--	1	--	SPARE
17	SPARE	--	1	--	--	--	--	1	--	SPARE
19	SPARE	--	1	--	--	--	--	1	--	SPARE
21	SPARE	--	1	--	--	--	--	1	--	SPARE
23	SPARE	--	1	--	--	--	--	1	--	SPARE
25	SPARE	--	1	--	--	--	--	1	--	SPARE
27	SPARE	--	1	--	--	--	--	1	--	SPARE
29	SPARE	--	1	--	--	--	--	1	--	SPARE
31	SPARE	--	1	--	--	--	--	1	--	SPARE
33	SPARE	--	1	--	--	--	--	1	--	SPARE
35	SPARE	--	1	--	--	--	--	1	--	SPARE
37	SPARE	--	1	--	--	--	--	1	--	SPARE
39	SPARE	--	1	--	--	--</				

Panel: EVLVP											
Location: Space 255 Mounting: Surface Enclosure: 3R			Supply From: EVT1 Volts: 120/208 Wye MCB Rating: 800 A			A.I.C. Rating: 10kA Mains Type: MLO Mains Rating: 800 A					
POS	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	POS	
1	RECEPT - P1(2), P1(1), P1(3), P3(1), P3(2), P3(3)	20 A	1	9 A	9 A		1	20 A	RECEPT - B1(5), B1(6), B1(7), B1(8), B1(9),...	2	
3	RECEPT - B1(11), B1(12), B1(13), B1(1), B1(2),...	20 A	1		9 A	8 A	1	20 A	RECEPT - P2(1), P2(2), P2(3), P4(1), P4(2)	4	
5	RECEPT - P11(1), P11(2), P11(3), P11(4), P11(5)	20 A	1			8 A	1	20 A	RECEPT - P12(5), P12(4), P12(3), P12(2), P12(1)	6	
7,9	EV-2	50 A	2	40 A	4 A		1	20 A	ECU	8	
11,13	EV-1	50 A	2	40 A	12 A		3	20 A	SP-3	10,12...	
15,17	FUTURE	50 A	2		40 A					16	
19,21	FUTURE	50 A	2	40 A	40 A		2	50 A	FUTURE	18,20	
23,25	FUTURE	50 A	2	40 A	40 A		2	50 A	FUTURE	22,24	
27,29	FUTURE	50 A	2	40 A	40 A		2	50 A	FUTURE	26,28	
31,33	FUTURE	50 A	2	40 A	40 A		2	50 A	FUTURE	30,32	
35,37	FUTURE	20 A	2	40 A	40 A		2	50 A	FUTURE	34,36	
39,41	FUTURE	50 A	2	40 A	40 A		2	50 A	FUTURE	38,40	
				Total Amps:	381 A	375 A		379 A			

Legend:
(G) - GFIC BREAKER (GP) - GFEP BREAKER (A) - AFCI BREAKER (S) - SHUNT TRIP BREAKER (L) - LOCKABLE BREAKER

Panel: EVHVP											
Location: Space 255 Mounting: Surface Enclosure: 3R			Supply From: 480/277 Wye Volts: 480/277 Wye MCB Rating: 400 A			A.I.C. Rating: 100kA Mains Type: 600A MCB Mains Rating: 600 A					
POS	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	POS	
1	SITE LIGHTS - P1(2), P1(1), P1(3), P3(1), P3(2),...	20 A	1	2 A	0 A		1	20 A	SITE LIGHTS - B1(1), B1(2), B1(3), B1(4), B1(5),...	2	
3	SITE LIGHTS - SUBSTATION LIGHTS, P2(1),...	20 A	1		4 A	2 A	1	20 A	PLAZA LIGHTS - P5(1), P5(2), P5(3), P5(4), P5(...)	4	
5	LOT Y LIGHTS - P11(1), P11(2), P11(3), P11(4),...	20 A	1			5 A	1	20 A		6,8,10	
7,9,11	SANITARY PUMP STATION	35 A	3	13 A	163 A		3	20 A	EVT1		
13	SPARE	20 A	1	0 A	0 A		1	20 A	SPARE	12	
15,17...	SPARE	20 A	3		0 A	--	1	--	SPARE	14	
	SPARE	20 A	3		0 A	--	1	--	SPARE	16	
21	SPACE	--	1		--	--	1	--	SPACE	18	
23	SPACE	--	1		--	--	1	--	SPACE	20	
25	SPACE	--	1		--	--	1	--	SPACE	22	
27	SPACE	--	1		--	--	1	--	SPACE	24	
29	SPACE	--	1		--	--	1	--	SPACE	26	
31	SPACE	--	1		--	--	1	--	SPACE	28	
33	SPACE	--	1		--	--	1	--	SPACE	30	
35	SPACE	--	1		--	--	1	--	SPACE	32	
37	SPACE	--	1		--	--	1	--	SPACE	34	
39	SPACE	--	1		--	--	1	--	SPACE	36	
41	SPACE	--	1		--	--	1	--	SPACE	38	
				Total Amps:	178 A	184 A		185 A			

Legend:
(G) - GFIC BREAKER (GP) - GFEP BREAKER (A) - AFCI BREAKER (S) - SHUNT TRIP BREAKER (L) - LOCKABLE BREAKER



UNIFORM CODE STATEMENT:
TO THE BEST OF REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

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CONTRACT: CONSTRUCTION

TITLE: Provide Testing Laboratory, Building 14

LOCATION: DOT Region 1, Albany County
State Office Building Campus
Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: APM

DRAWN BY: APM

FIELD CHECK:

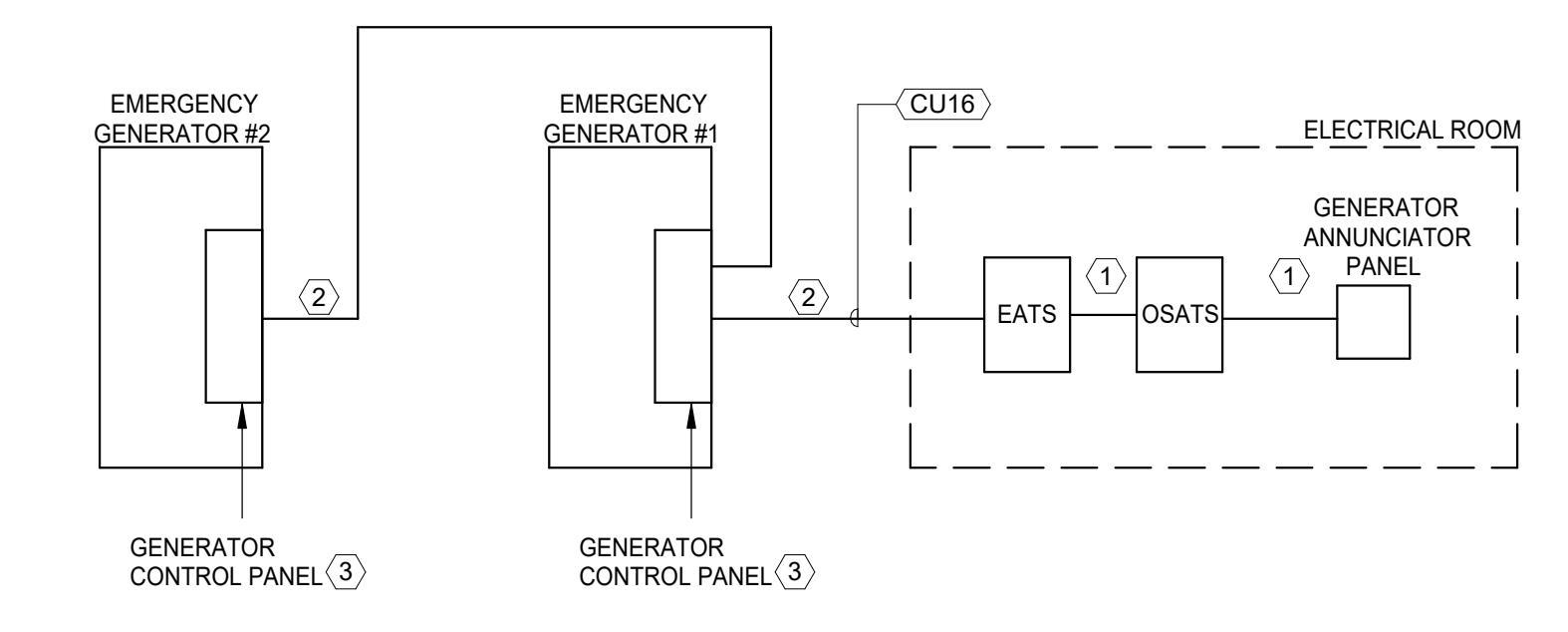
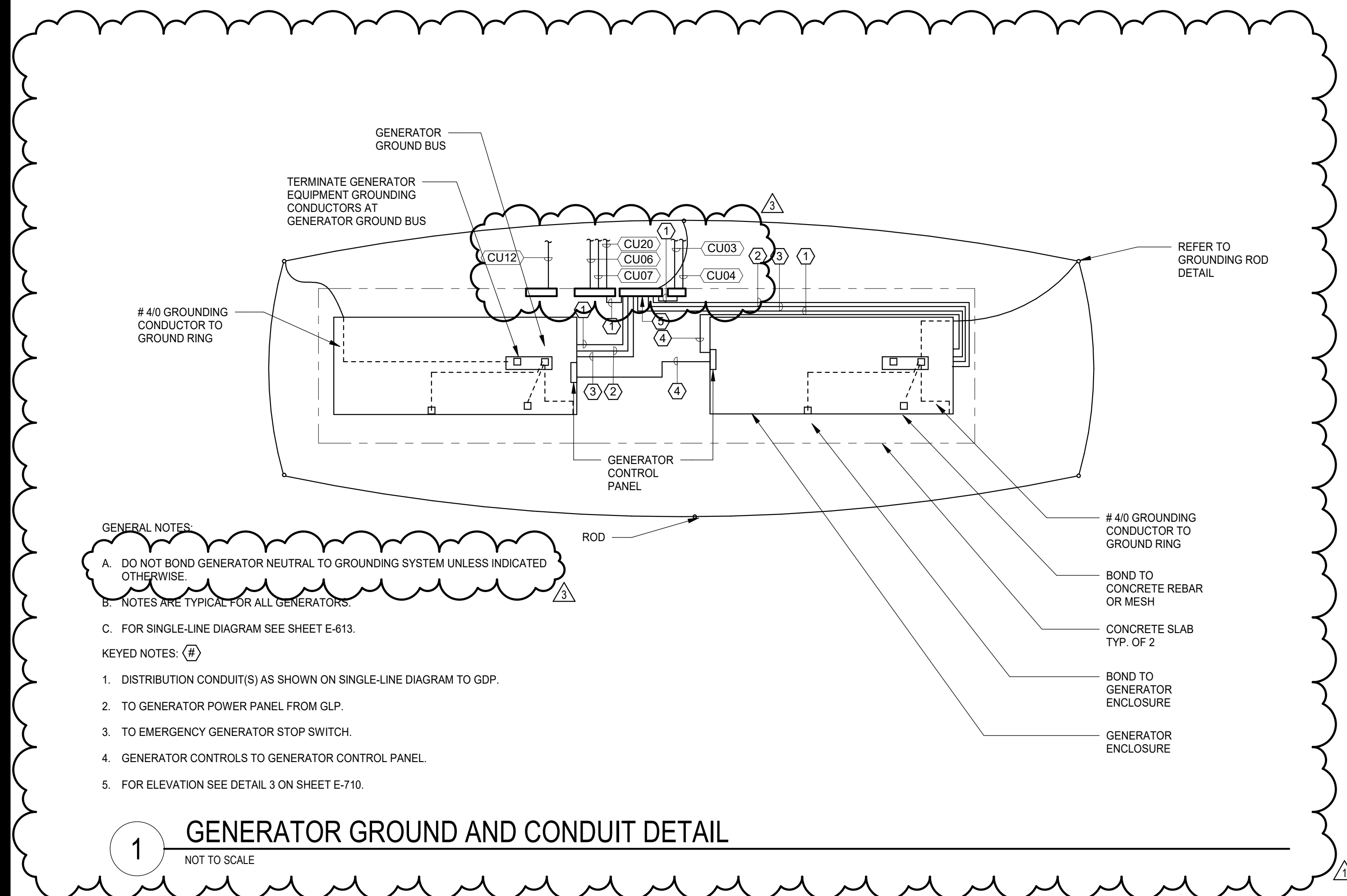
APPROVED:

SHEET TITLE: ELECTRICAL PANEL SCHEDULES - SITE

DRAWING NUMBER: E-666

SHEET: OF

EVLVP	-
EVHVP	-
-	-



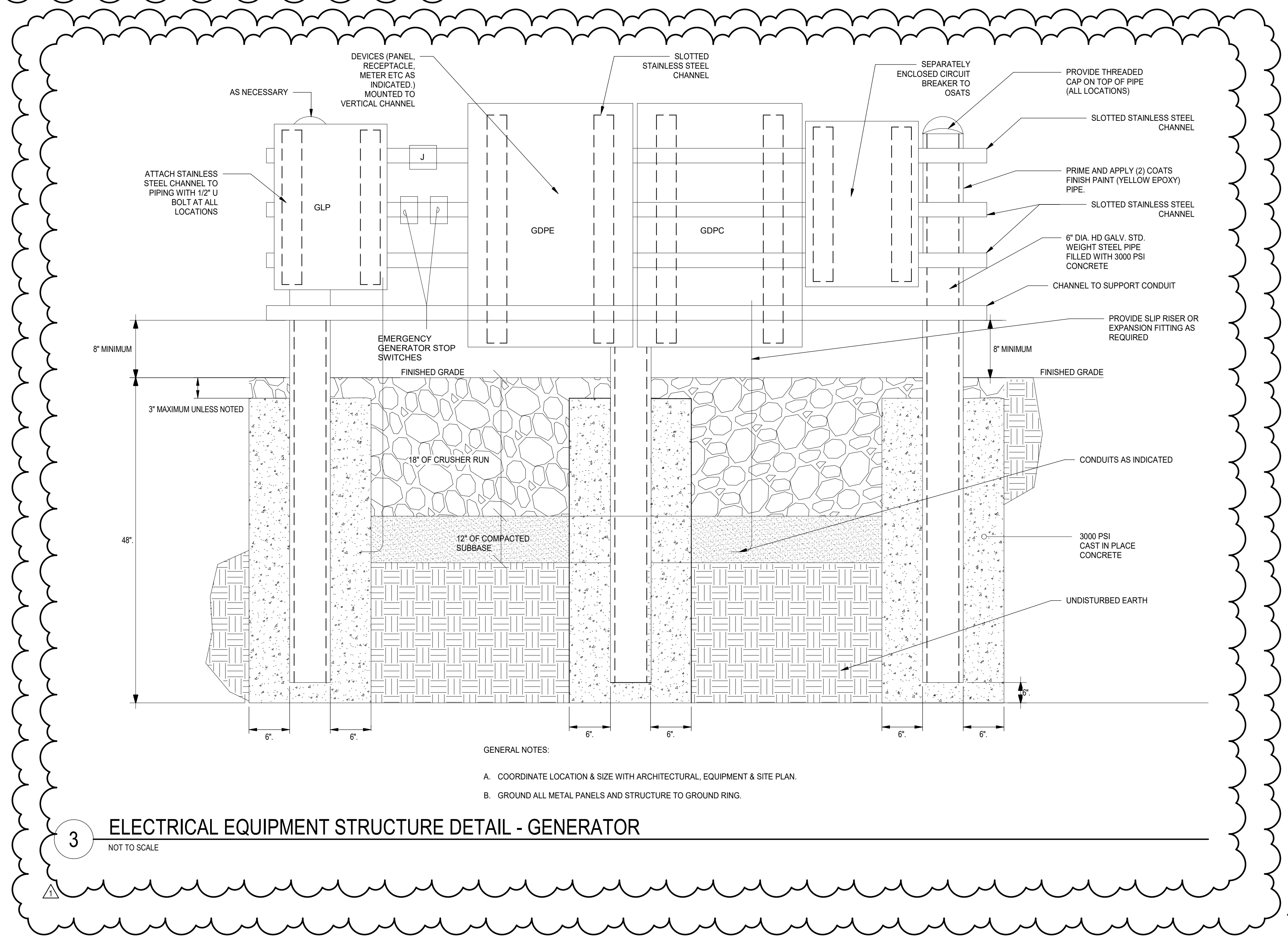
- KEYED NOTES: (8)**
- 1" CONDUIT WITH (2) BELDEN 8841 - RS8841 - RS485 COMPLIANT SINGLE PAIR 24 GAUGE (7X32) SHIELDED TWISTED PAIR CABLE, (2) #10 GAUGE FOR DC POWER & (2) #12 FOR START CIRCUIT.
 - 2" CONDUIT WITH (2) BELDEN 8841 - RS8841 - RS485 COMPLIANT SINGLE PAIR 24 GAUGE (7X32) SHIELDED TWISTED PAIR CABLE, (2) #10 & (1) #10G CONDUCTORS IN CONDUIT FOR DC POWER, (2) #12 FOR START CIRCUIT & (2) #12 STATUS CIRCUIT.
 - GENERATOR CONTROL PANEL TO BE MOUNTED IN GENERATOR ENCLOSURE.

- SEQUENCE OF OPERATION:**
- GENERATOR CONTROL WILL BE INHERENT AND INTERNAL TO GENERATOR ENCLOSURES WITH INTERCONNECTING AS SHOWN.
 - GENERATORS WILL BE STARTED SUCCESSIVELY, WITH ONLY ONE GENERATOR STARTING AT A TIME. THE FIRST GENERATOR STARTED WILL BE ABLE TO BE ON LINE WITHIN 10 SECONDS.
 - THE EATS WILL ALLOW THE EMERGENCY POWER TO BE OPERATIONAL AS SOON AS THE FIRST GENERATOR IS ON LINE.
 - OSATS WILL BE OPEN DELAYED TRANSITION STYLE AND WILL NOT MOVE TO GENERATOR BACKUP POSITION UNTIL THE SECOND GENERATOR IS OPERATIONAL.
 - PROVIDE 1" CONDUIT WITH (8) #12 CONDUCTORS FROM EACH ELEVATOR CONTROLLER TO EATS. CONDUCTORS WILL ALLOW INTERFACE FROM ATS TO ELEVATOR CONTROLLER. COORDINATE SIGNAL OPERATION WITH ELEVATOR MANUFACTURER.

UNIFORM CODE STATEMENT:
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LOCATION: DOT Region 1, Albany County State Office Building Campus Albany, NY

CLIENT: New York State Department of Transportation

MARK	DATE	DESCRIPTION
3	03/25/26	ADDENDUM 3
1	03/09/26	ADDENDUM 1
	01/13/26	BID DOCUMENT

PROJECT NUMBER: 47528-C

DESIGNED BY: APM

DRAWN BY: APM

FIELD CHECK:

APPROVED:

SHEET TITLE:

ELECTRICAL GENERATOR DETAIL