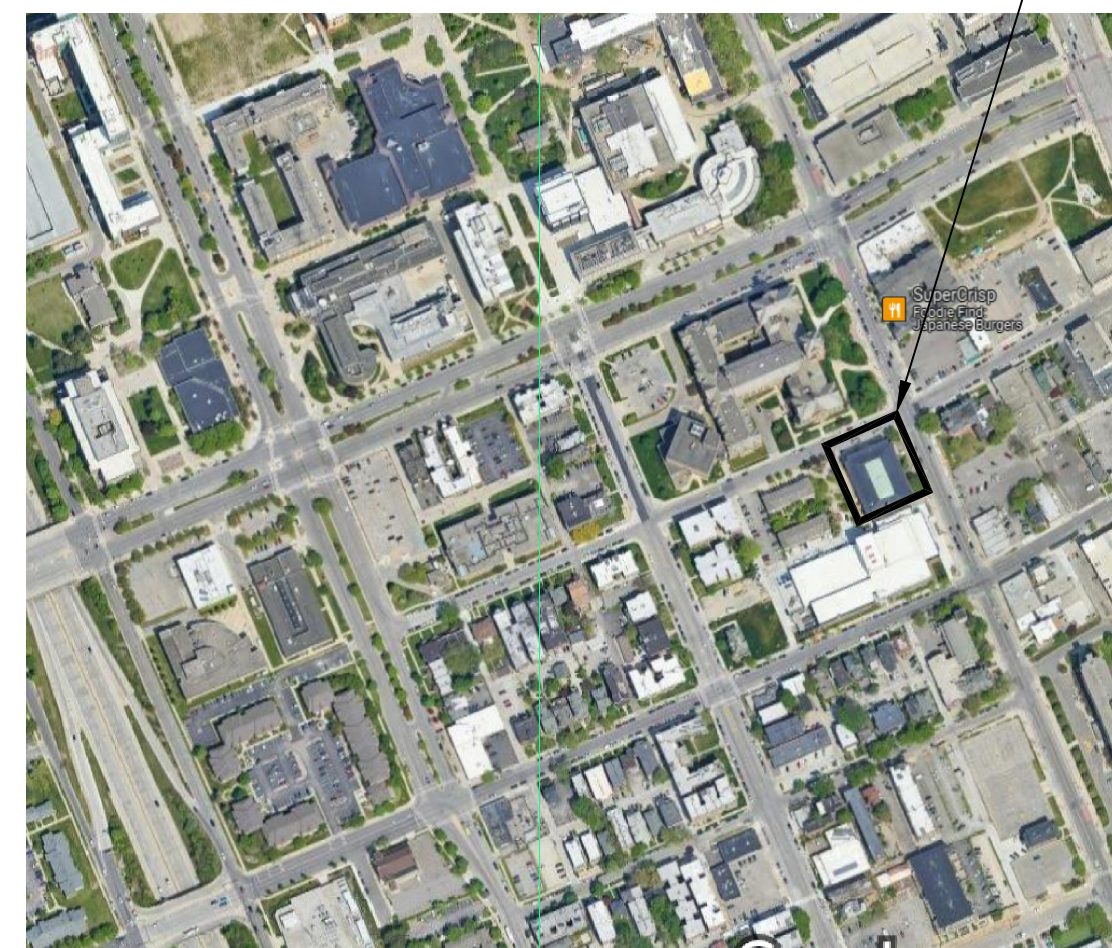


WAYNE STATE UNIVERSITY GRETCHEN C VALADE JAZZ CENTER PHASE IV

HAA: BULLETIN 21 & 22
OSBORN: BID SET
APRIL 16, 2024

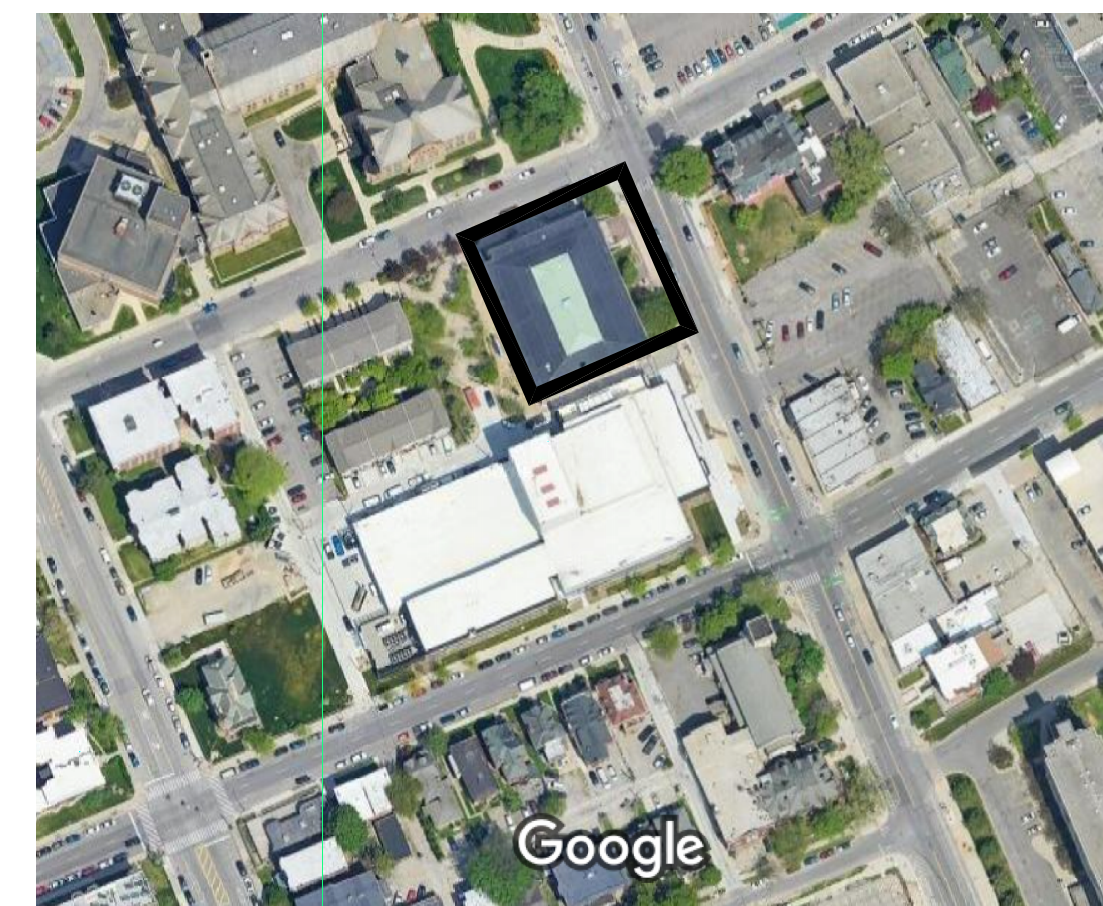


PROJECT LOCATION:
WAYNE STATE UNIVERSITY
GRETCHEN C. VALADE JAZZ CENTER
4743 CASS AVE
DETROIT, MI 48202



SITE VICINITY MAP

NOT TO SCALE



SITE LOCATION MAP

NOT TO SCALE



DRAWING LIST

G-000 COVER

BULLETIN 21

AD1.0 LOWER LEVEL DEMOLITION PLAN
AD1.1 LEVEL ONE DEMOLITION PLAN
A7.1.1 DOOR SCHEDULE - VALADE
A7.2.1 ROOM FINISH SCHEDULE
S9.5 ENLARGED PLANS
S9.6 SECTIONS AND DETAILS
P1.0A LOWEL LEVEL PLAN - SECTOR A - PLUMBING
P8.0 PLUMBING SCHEDULES
E1.1A LEVEL ONE DEMOLITION PLAN - SECTOR A
E2.1A LEVEL ONE LIGHTING PLAN - SECTOR A
E3.0A LOWEL LEVEL POWER PLAN - SECTOR A
E3.1A LEVEL ONE POWER PLAN - SECTOR A
E4.1A LEVEL ONE SYSTEMS PLAN - SECTOR A
E5.6 ELECTRICAL PANEL SCHEDULES
EM8.0 ELECTRICAL MECHANICAL COORDINATION SCHEDULES

BULLETIN 22

AD5.0 LEVEL TWO - CONTROL BOOTH DEMOLITION
A6.1.14 VALADE CONTROL BOOTH
A6.1.15 VALADE CONTROL BOOTH
A6.1.16 VALADE CONTROL BOOTH
A7.1.1 DOOR SCHEDULE - VALADE
A7.2.2 ROOM FINISH SCHEDULE
A7.2.3 MATERIAL SCHEDULE
A7.4.1 INTERIOR PARTITIONS
S6.1.14 VALADE CONTROL BOOTH
S6.1.15 VALADE CONTROL BOOTH
S6.1.16 COLD FORM TYPICAL DETAILS
M2.2A LEVEL TWO HVAC - SECTOR A
M3.2A LEVEL TWO MECHANICAL PIPING - SECTOR A
M8.2 MECHANICAL SCHEDULES
E3.1A LEVEL ONE POWER PLAN - SECTOR A
E5.0A LUMINAIRE SCHEDULES
E5.6 ELECTRICAL PANEL SCHEDULE
E6.3 CONTROL BOOTH
AV0.1 AV - GENERAL NOTES
AV0.2 AV - SYMBOLS
AV0.6 AV - SCHEDULES 4
AV0.9 AV - TECHNICAL POWER RECOMMENDED PRACTICE
AV4.1 AV DETAILS - VALADE CONTROL ROOM
AV7.08 AV - SIGNAL FLOW 8
AV8.6 AV - RACK DETAILS 6
AV9.16 AV - PLATES AND PANELS 16

BID SET

B-A1.1 RAMP PLANS
B-A1.2 RAMP SECTION AND ELEVATION
B-A1.2A ALTERNATE B1 RAMP CENTER WALL
B-A1.3 RAMP SECTIONS
B-A1.4 RAILING DETAIL
B-A1.5 DRESSING ROOMS/TOILET ROOM
B-A1.6 DONOR LOUNGE PLAN
B-A1.7 DONOR LOUNGE CEILING PLAN AND ELEVATIONS
B-A1.8 DETAILS AND SCHEDULES
B-A1.9 ARCHITECTURAL SPECIFICATIONS
B-A1.10 ARCHITECTURAL SPECIFICATIONS
B-S1.0 GENERAL NOTES
B-S1.1 RAMP FOUNDATION PLAN
B-MP0.1 MECHANICAL GENERAL NOTES AND ABBREVIATIONS
B-MP1.1 ENLARGED PLUMBING PLANS
B-MP1.2 ENLARGED MECHANICAL PLANS
B-E0.01 ELECTRICAL GENERAL NOTES AND LEGENDS
B-E1.01 ELECTRICAL FLOOR PLANS

PROJECT TEAM

OWNER:

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FACILITIES PLANNING & MANAGEMENT
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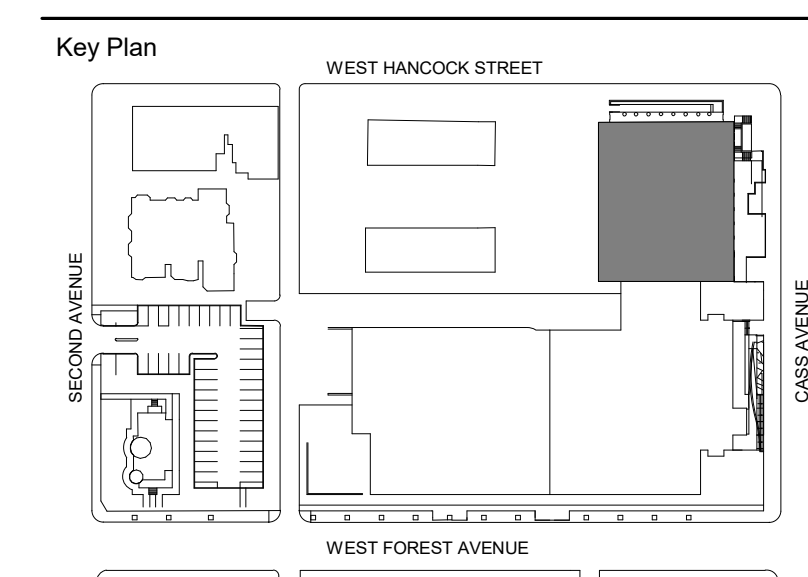
SILVERI ARCHITECTS

DEMOLITION NOTES

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- FLOORS: REMOVE ALL DEBRIS, DUST AND DIRT. CLEAN WITH WATER AND DETERGENT. WHERE INDICATED, REMOVE FLOOR FINISH DOWN TO STRUCTURAL SLAB WHERE INDICATED.
- WHERE EXISTING PLASTER AND CONCRETE WALLS AND COLUMNS ARE TO REMAIN: REMOVE ALL LOOSE AND PEELING PAINT BY SCRAPPING. REMOVE UNSTABLE PLASTER FROM INTERIOR FACE OF EXTERIOR WALL. STABLE PLASTER SHALL REMAIN CLEAN WITH WATER AND DETERGENT.
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Owner	Wayne State University FP&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
Contractor	Rockford Construction 155 West Congress Street, Suite 505 Detroit, MI 48226 313.309.9854
Executive Architect	Hamilton Anderson 1435 Randolph Street, Suite 200 Detroit, MI 48226 313.964.0270
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Acoustics / AV	Jaffe Holden 114-A Washington Street Norwalk, CT 06864 203.836.4168

DETROIT, MI

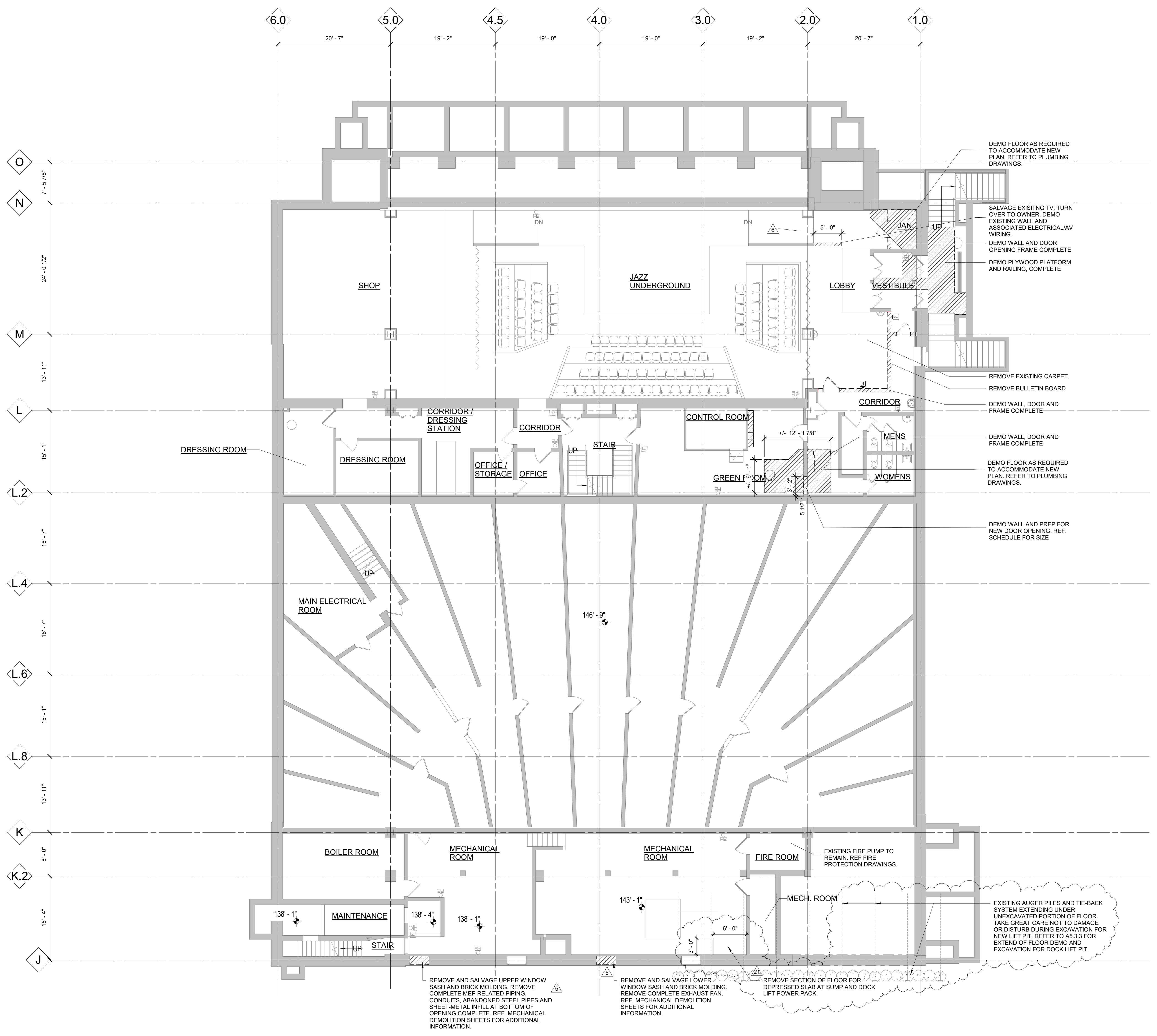


BULLETIN 21-BP4 DOCK LIFT	FEB 18, 2024
BULLETIN 20-BP4 2024-01-05	JAN 5, 2024
BULLETIN 06-BP4 2020-11-06	NOV 6, 2020
BULLETIN 05-BP4 2020-10-02	OCT 2, 2020
PERMIT SET	JUNE 29, 2020

DEMOLITION LEGEND

- REMOVE WALL COMPLETE
- EXISTING CONSTRUCTION TO REMAIN
- REMOVE DOOR AND FRAME COMPLETE
- EXISTING DOOR AND FRAME TO REMAIN
- REMOVE TOILET AND LAVATORY COMPLETE. REMOVE WALL, FLOOR CERAMIC TILE COMPLETE AND PREPARE FLOOR AND WALLS FOR NEW FINISH.
- REMOVE EXISTING CONSTRUCTION AS NOTED

PLAN KEYNOTES	
Number	Note
AD.01	DEMO WALL, DOOR AND FRAME COMPLETE
AD.02	DEMO WALL AND DOOR OPENING FRAME COMPLETE
AD.03	DEMO WALL AND PREP FOR NEW DOOR OPENING. REF. SCHEDULE FOR SIZE
AD.43	DEMO PLYWOOD PLATFORM AND RAILING, COMPLETE
AD.44	DEMO FLOOR AS REQUIRED TO ACCOMMODATE NEW PLAN. REFER TO PLUMBING DRAWINGS.
AD.45	REMOVE BULLETIN BOARD
AD.71	SALVAGE EXISTING TV, TURN OVER TO OWNER. DEMO EXISTING WALL AND ASSOCIATED ELECTRICAL/AV WIRING.
AD.76	REMOVE EXISTING CARPET
AD.90	EXISTING FIRE PUMP TO REMAIN. REF FIRE PROTECTION DRAWINGS.



LOWER LEVEL DEMOLITION PLAN
 1/8" = 1'-0"

Project
WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
 Drawing Title
LOWER LEVEL DEMOLITION PLAN

Project Number: 2018034.00
 Drawn By: Designer
 Scale: As indicated
 Seal:

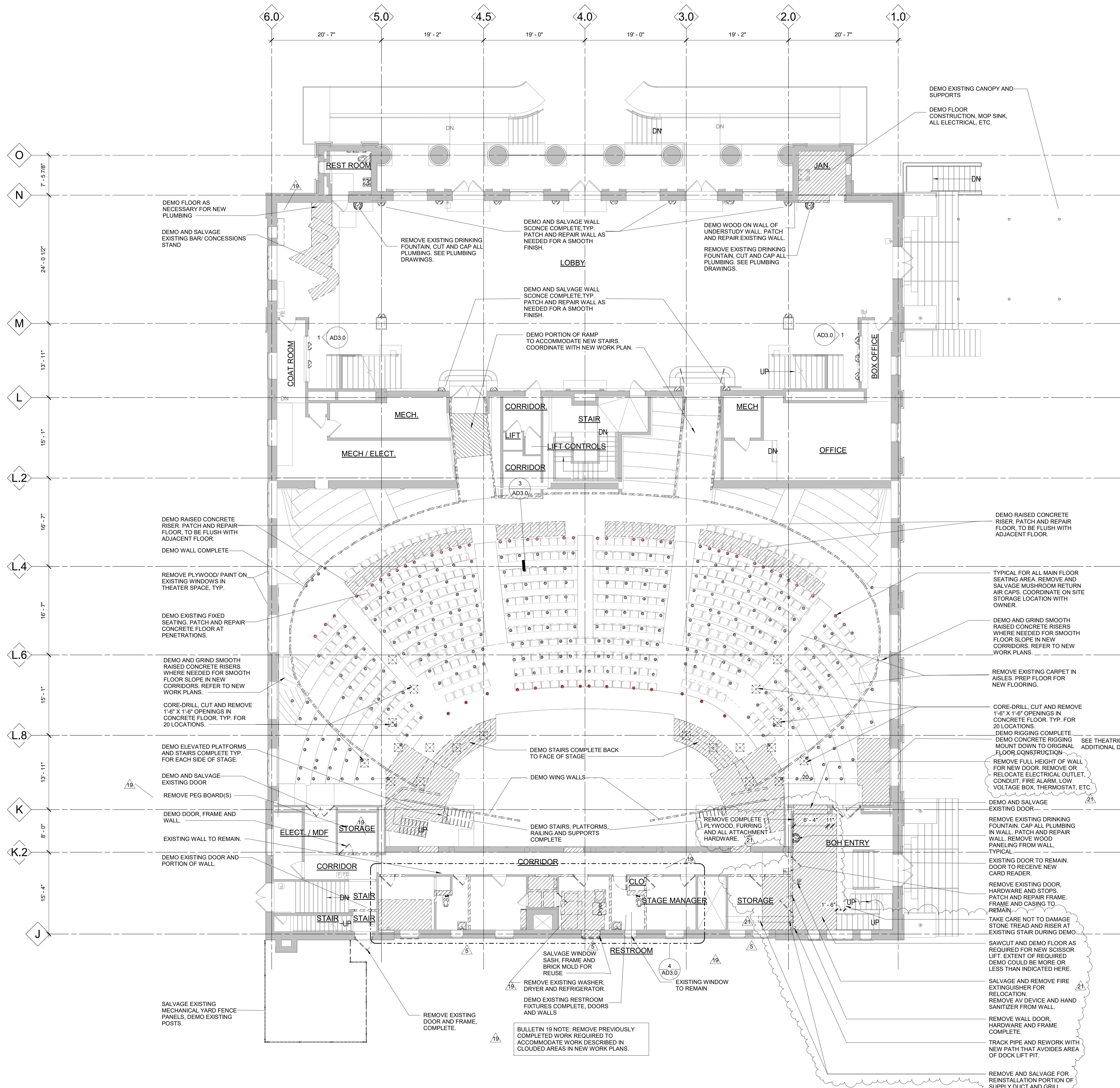
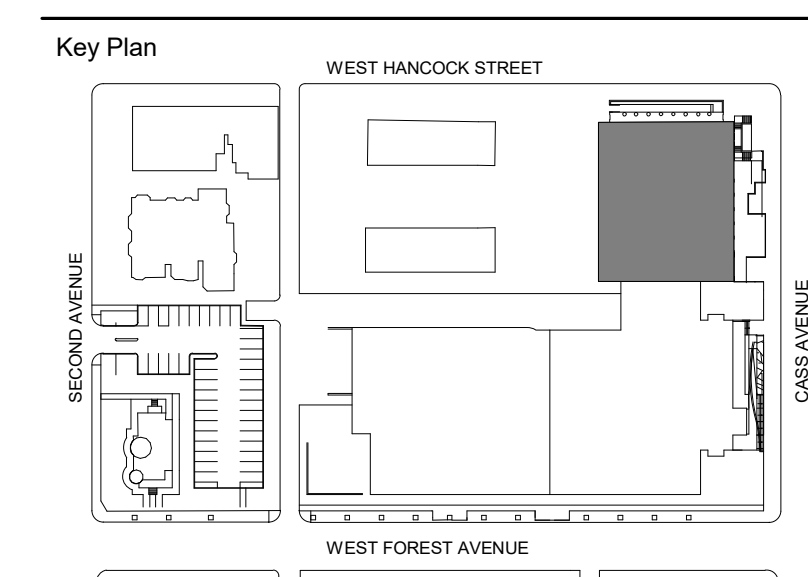
Signature: *[Handwritten Signature]*

Drawing No:
AD1.0

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BULLETIN 21- BP4 DOCK LIFT	FEB 18, 2024
BULLETIN 20- BP4 2024-01-05	JAN 5, 2024
BULLETIN 19- BP4 2023-09-29	SEPT 29, 2023
BULLETIN 05- BP4 2020-10-02	OCT 2, 2020
PERMIT SET	JUNE 29, 2020

Project
WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
Drawing Title
LEVEL ONE DEMOLITION PLAN

Project Number: 2018034.00
 Drawn By: Designer
 Scale: As indicated
 Seal:



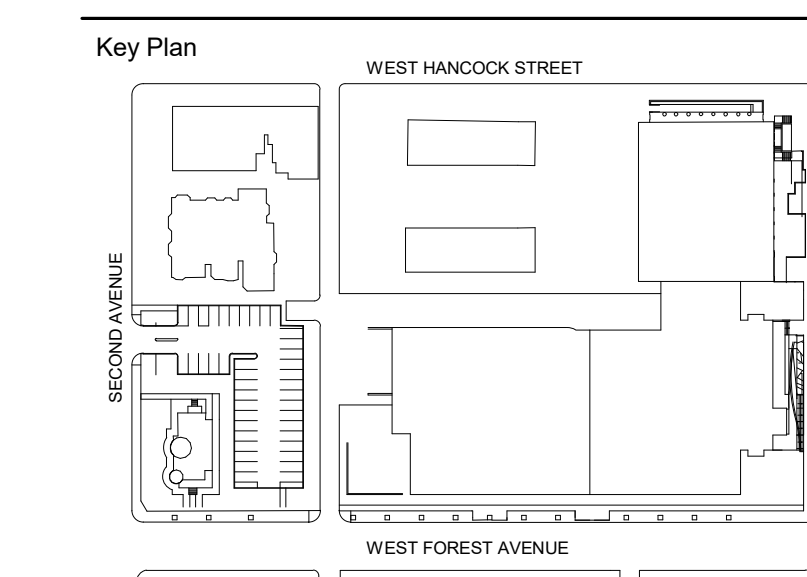
Signature:
 Drawing No:

AD1.1

LEVEL ONE DEMOLITION PLAN
 1/8" = 1'-0"
 NORTH

Owner	Wayne State University FP&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
Contractor	Rockford Construction 155 West Congress Street, Suite 505 Detroit, MI 48226 313.309.9854
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DETROIT, MI



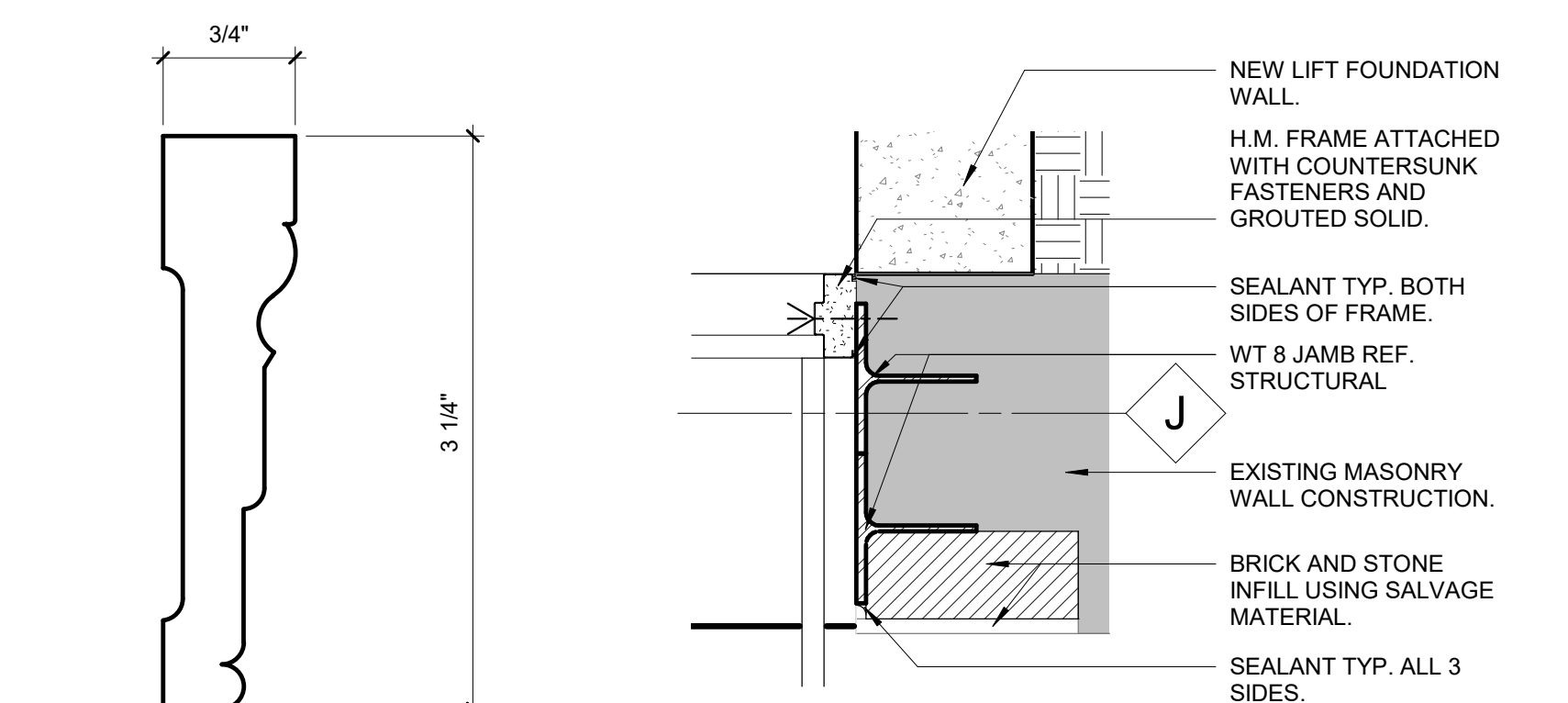
BULLETIN 21 BP4 DOCK LIFT FEB. 16, 2024

Project
WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578
Drawing Title
VALADE LOADING DOCK PLAN AND SECTIONS

Project Number: 2018034.00
Drawn By: Designer
Scale: As indicated
Seal:

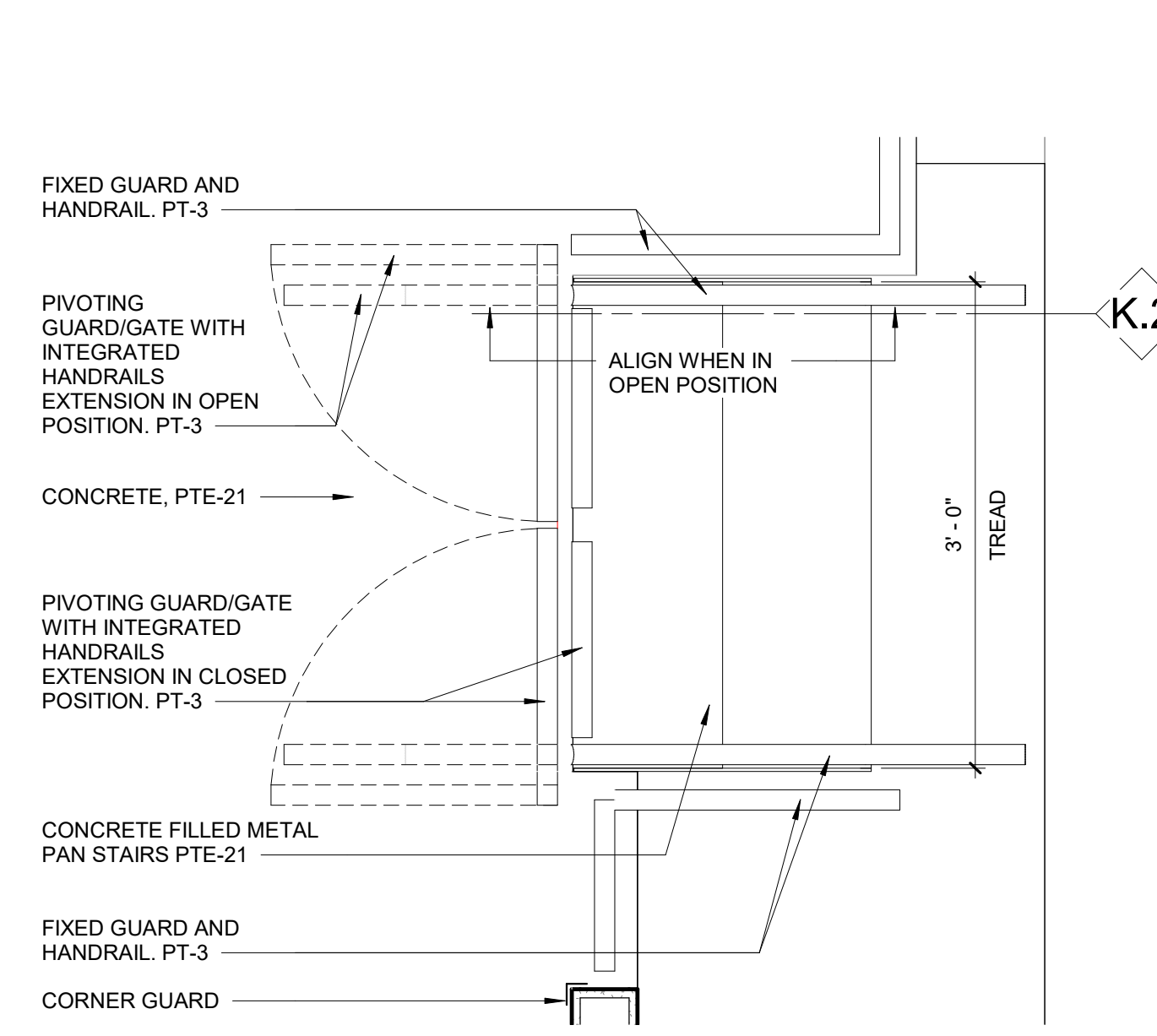


Signature: [Signature]
Drawing No: **A5.3.3**

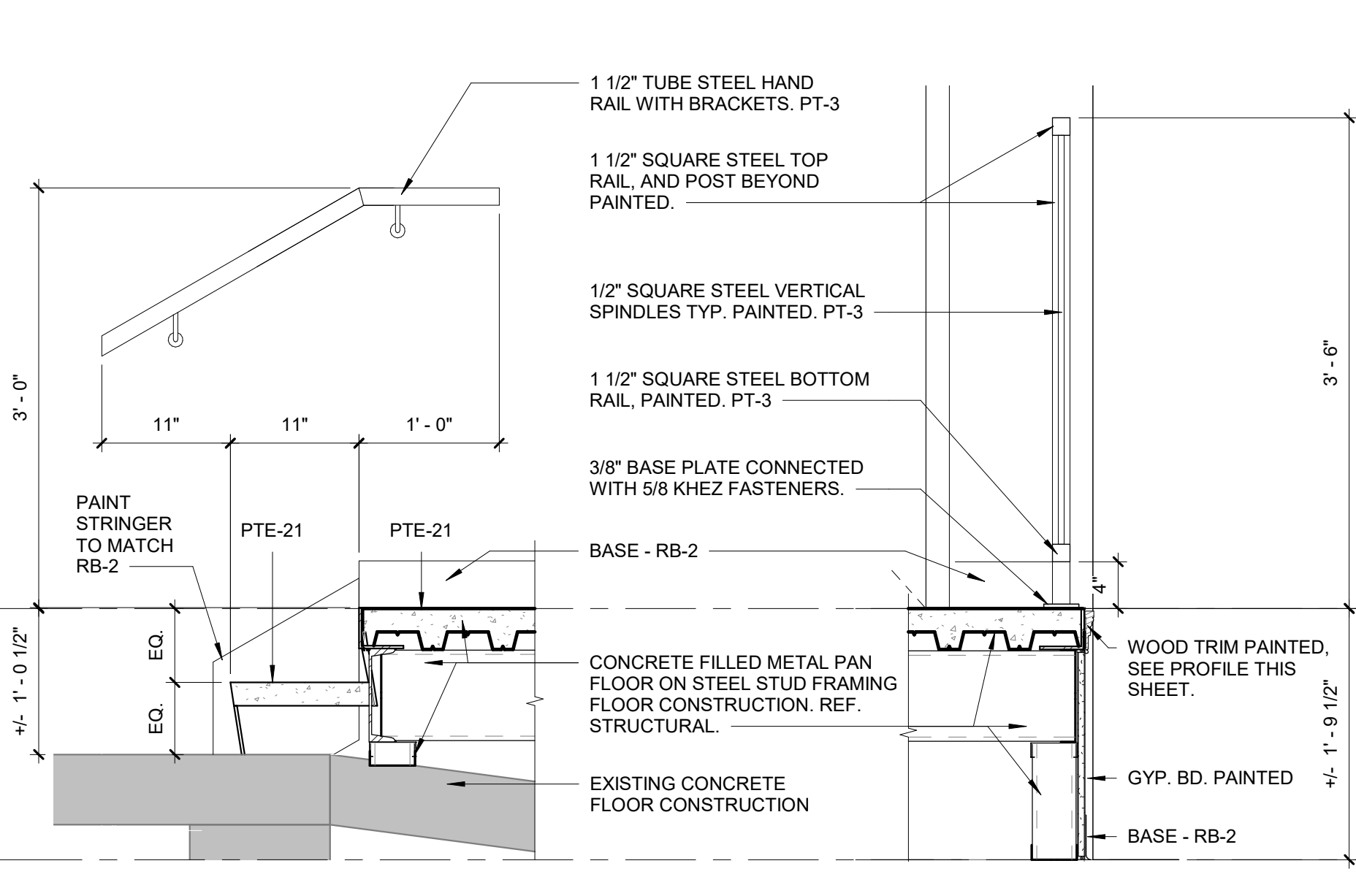


WOOD TRIM PROFILE
FULL SCALE

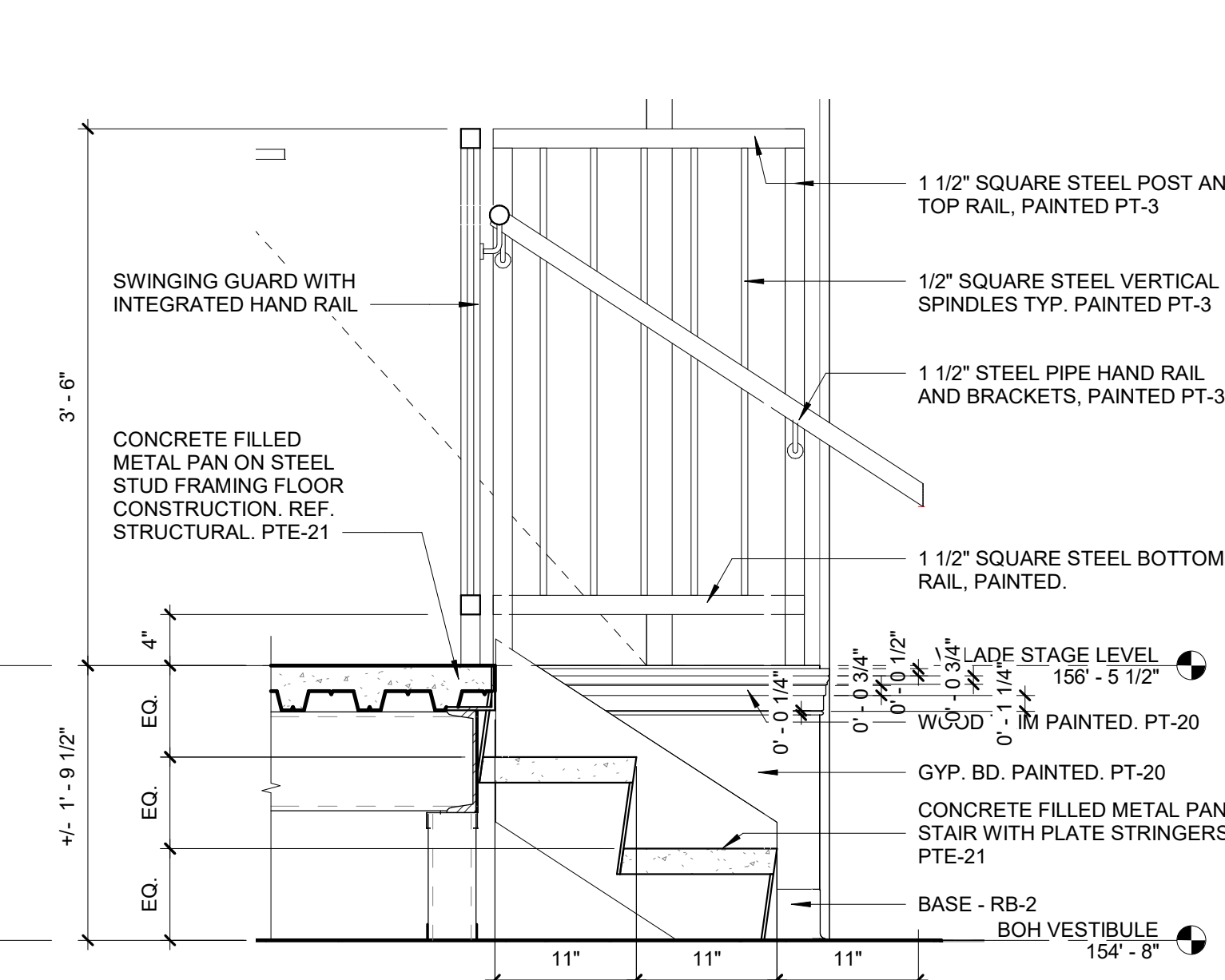
15 TYP., EXTERIOR DOOR JAMB DETAIL
1" = 1'-0"



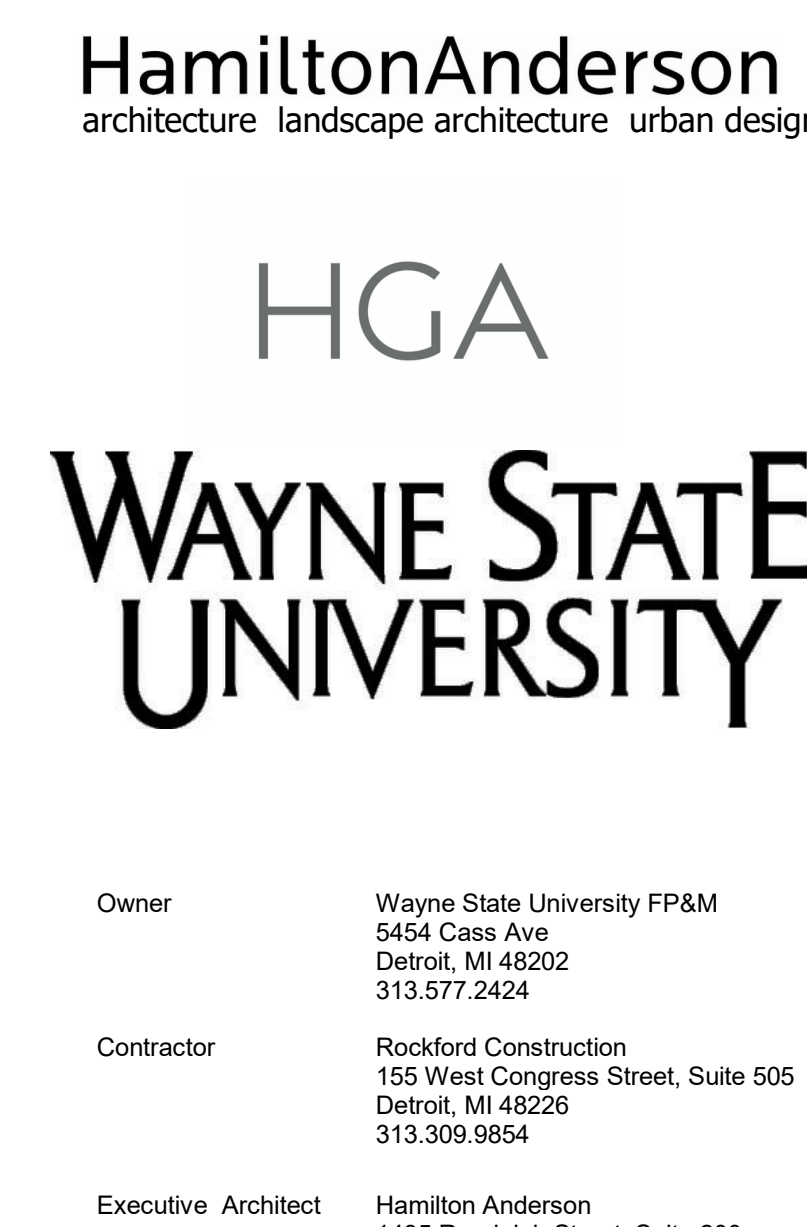
10 EAST STAIR GATE PLAN DETAILS
A5.3.3 1" = 1'-0"



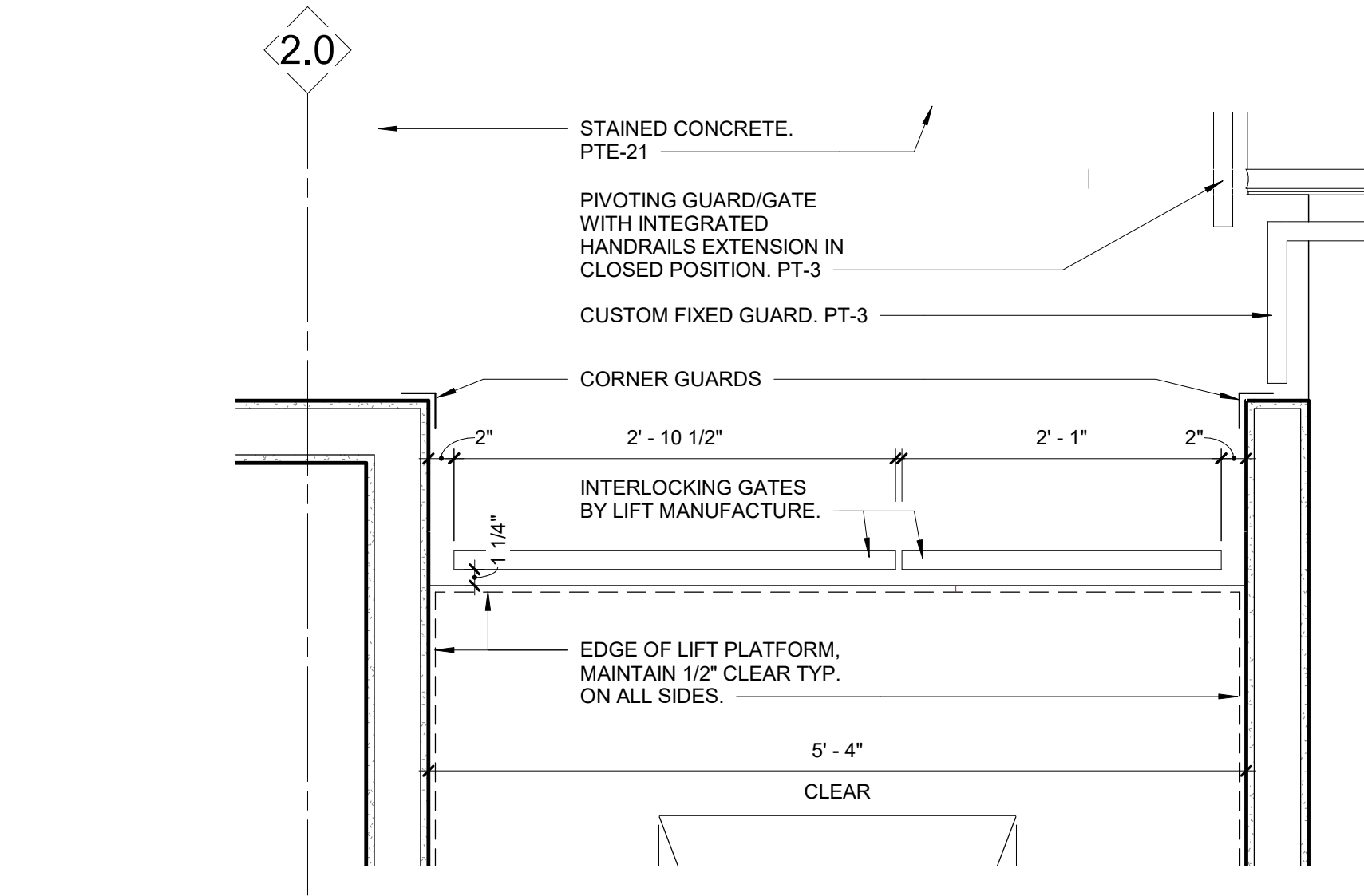
9 WEST STAIR SECTION
A5.3.3 1" = 1'-0"



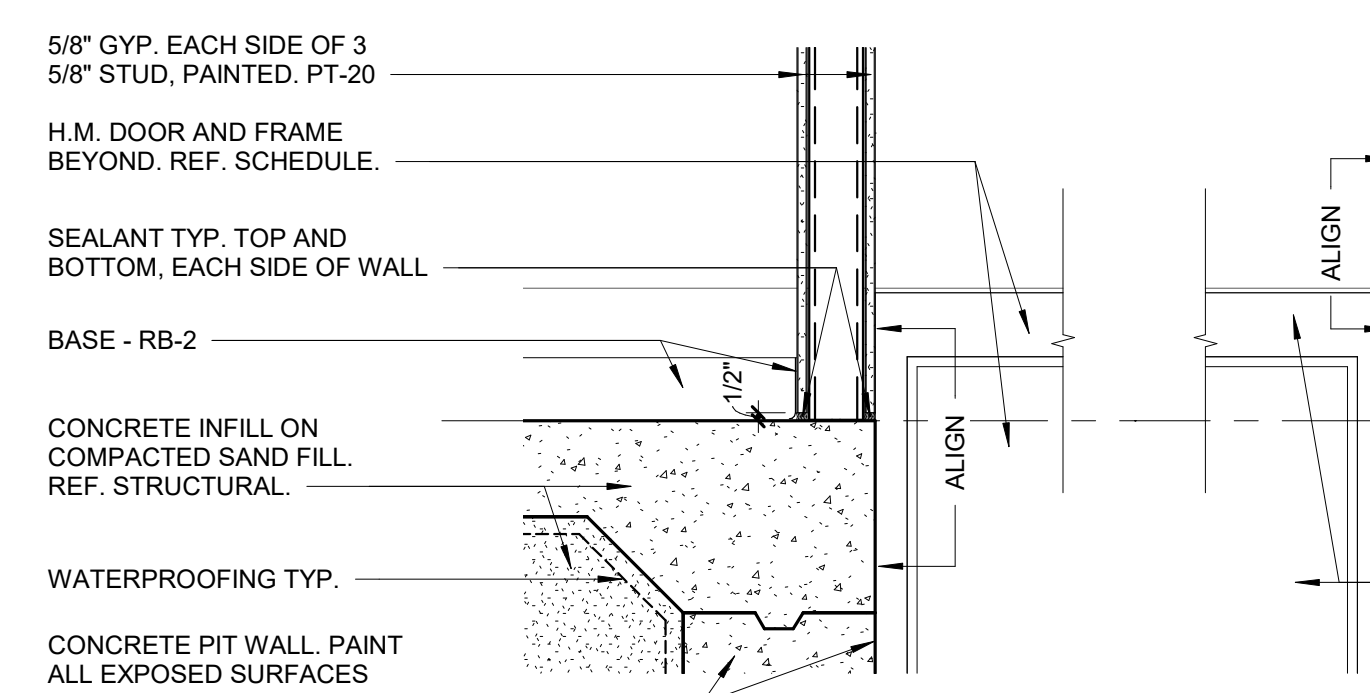
5 TYPICAL ELEVATED FLOOR EDGE
A5.3.3 1" = 1'-0"



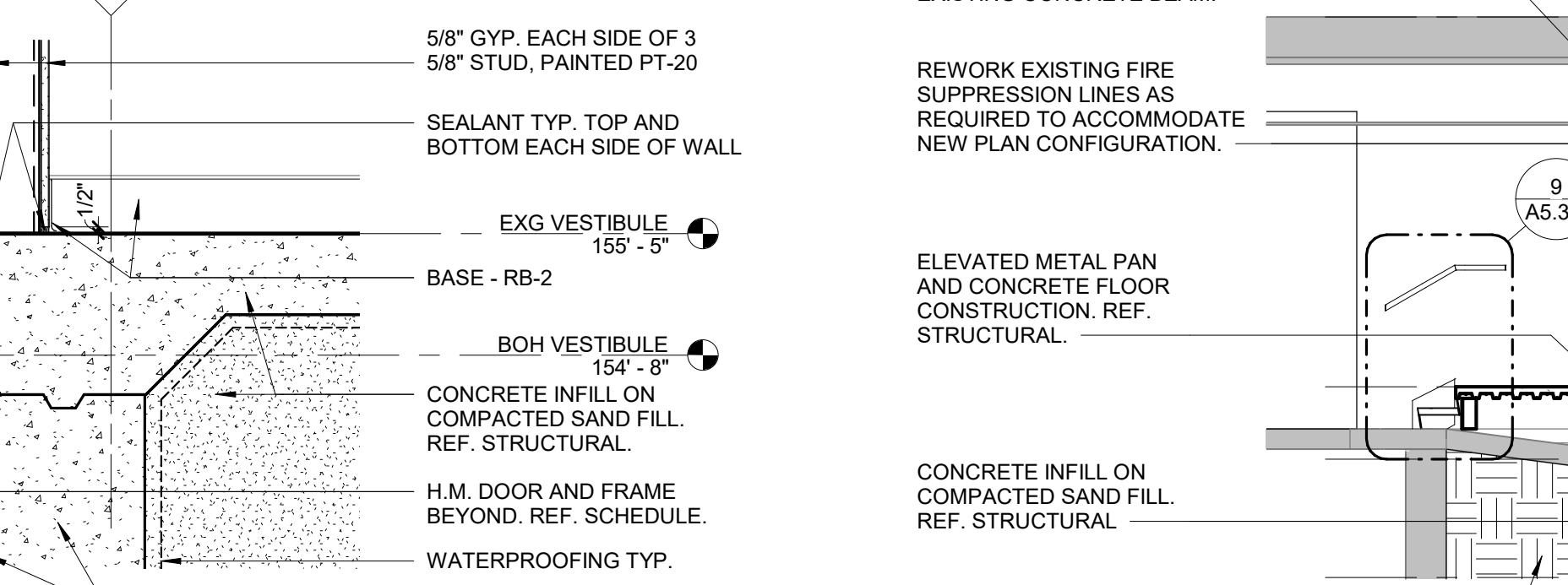
4 EAST STAIR SECTION
A5.3.3 1" = 1'-0"



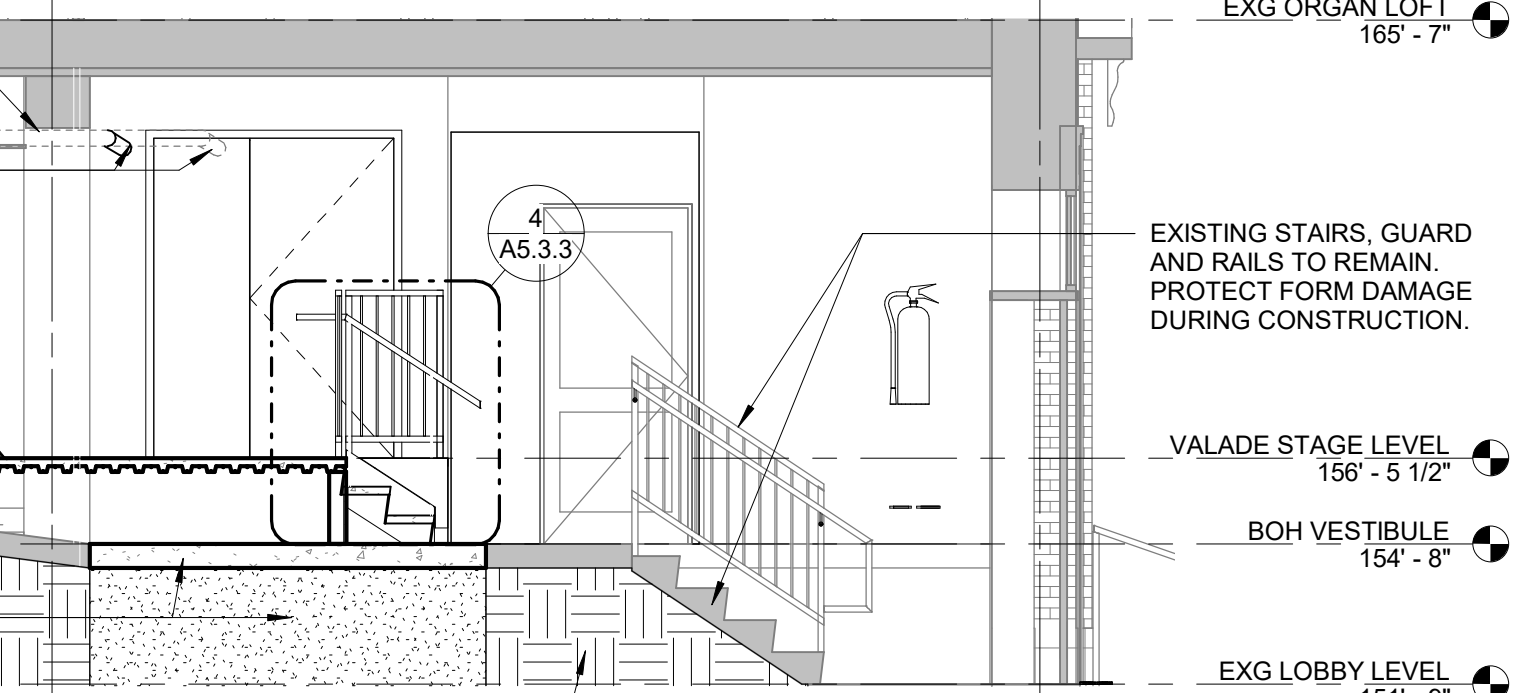
14 LIFT TO ELEVATED FLOOR GATE PLAN DETAIL
A5.3.3 1" = 1'-0"



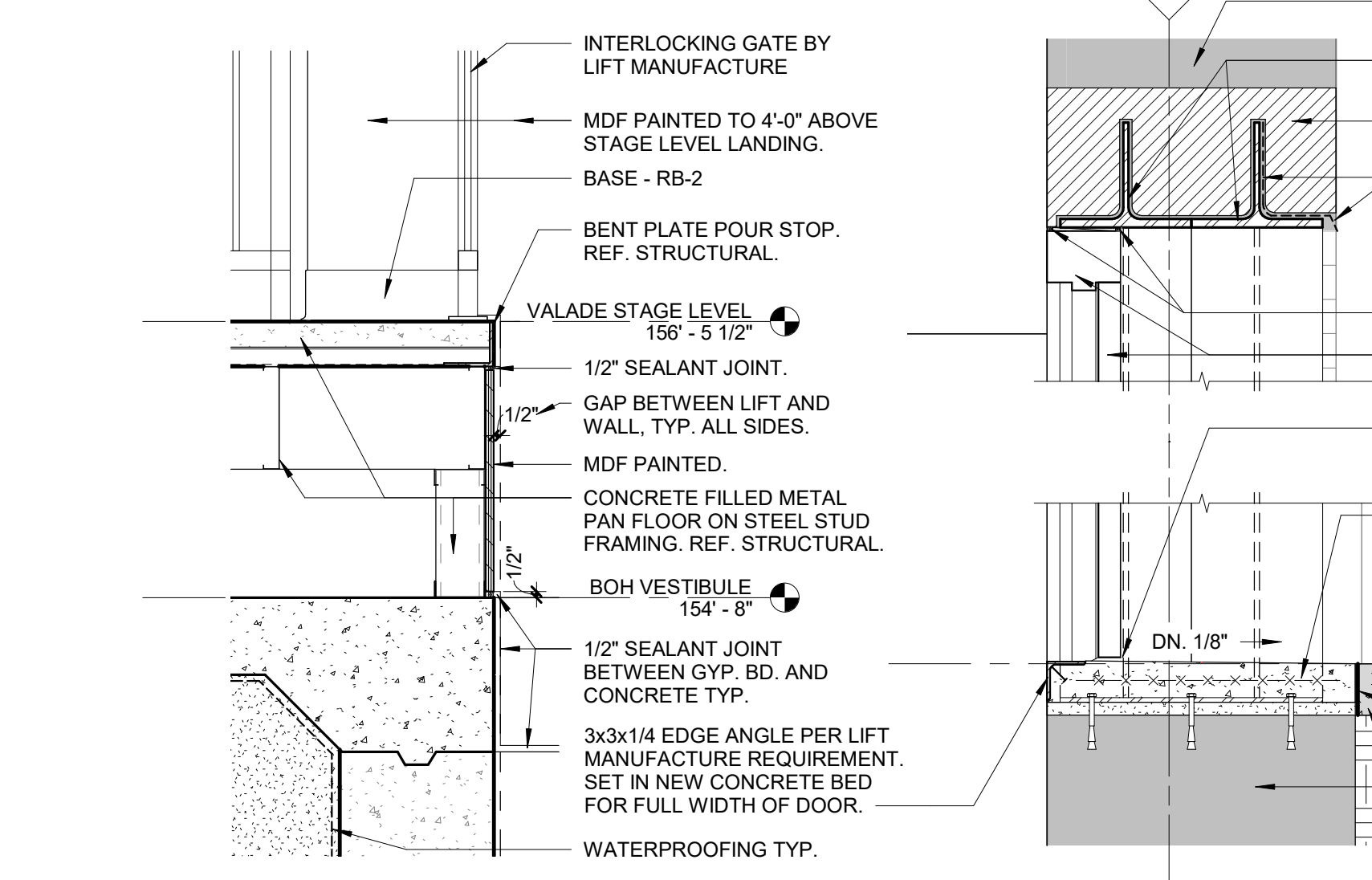
8 PIT WALL TRANSITION SECTION
A5.3.3 1" = 1'-0"



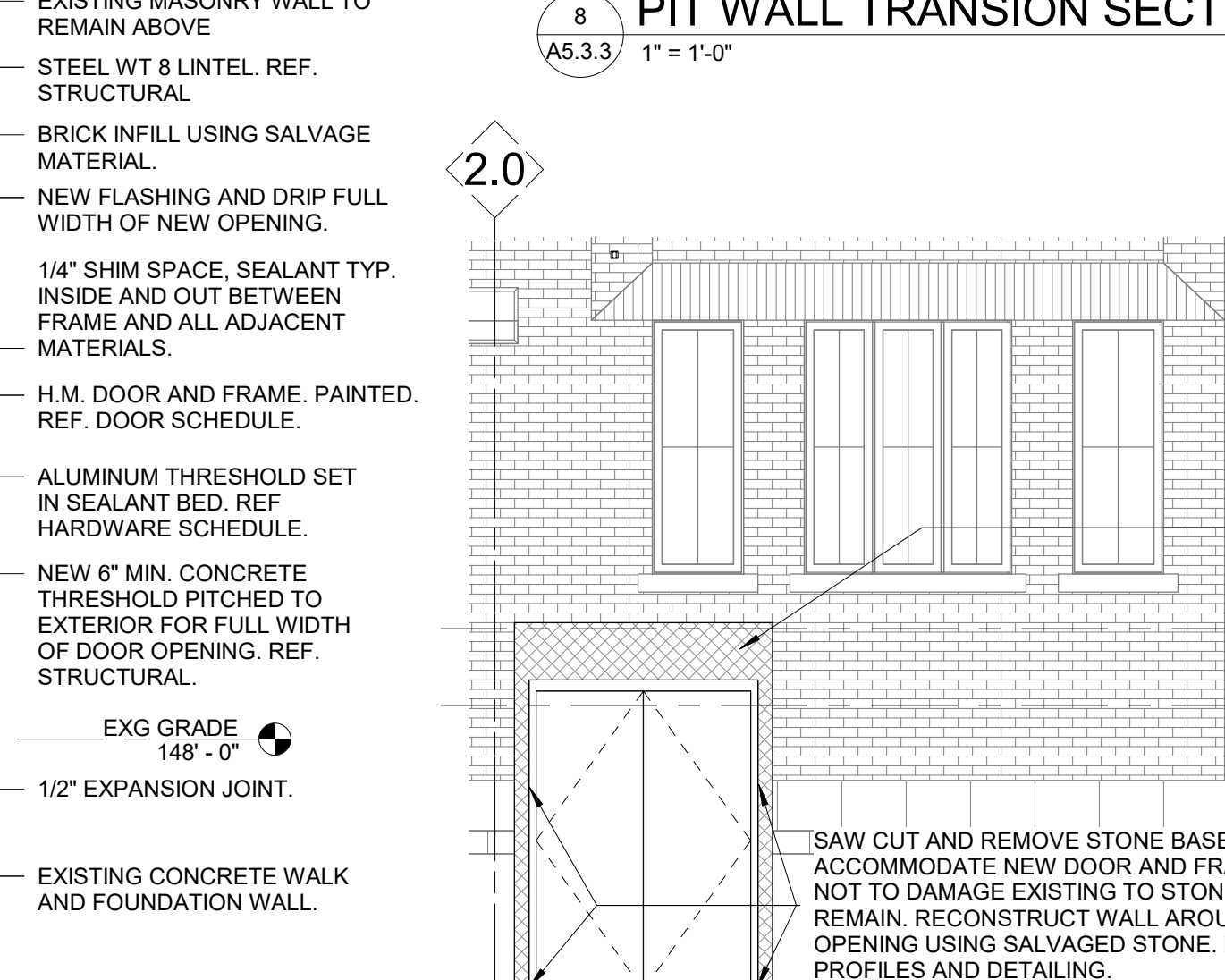
9 WEST STAIR SECTION
A5.3.3 1" = 1'-0"



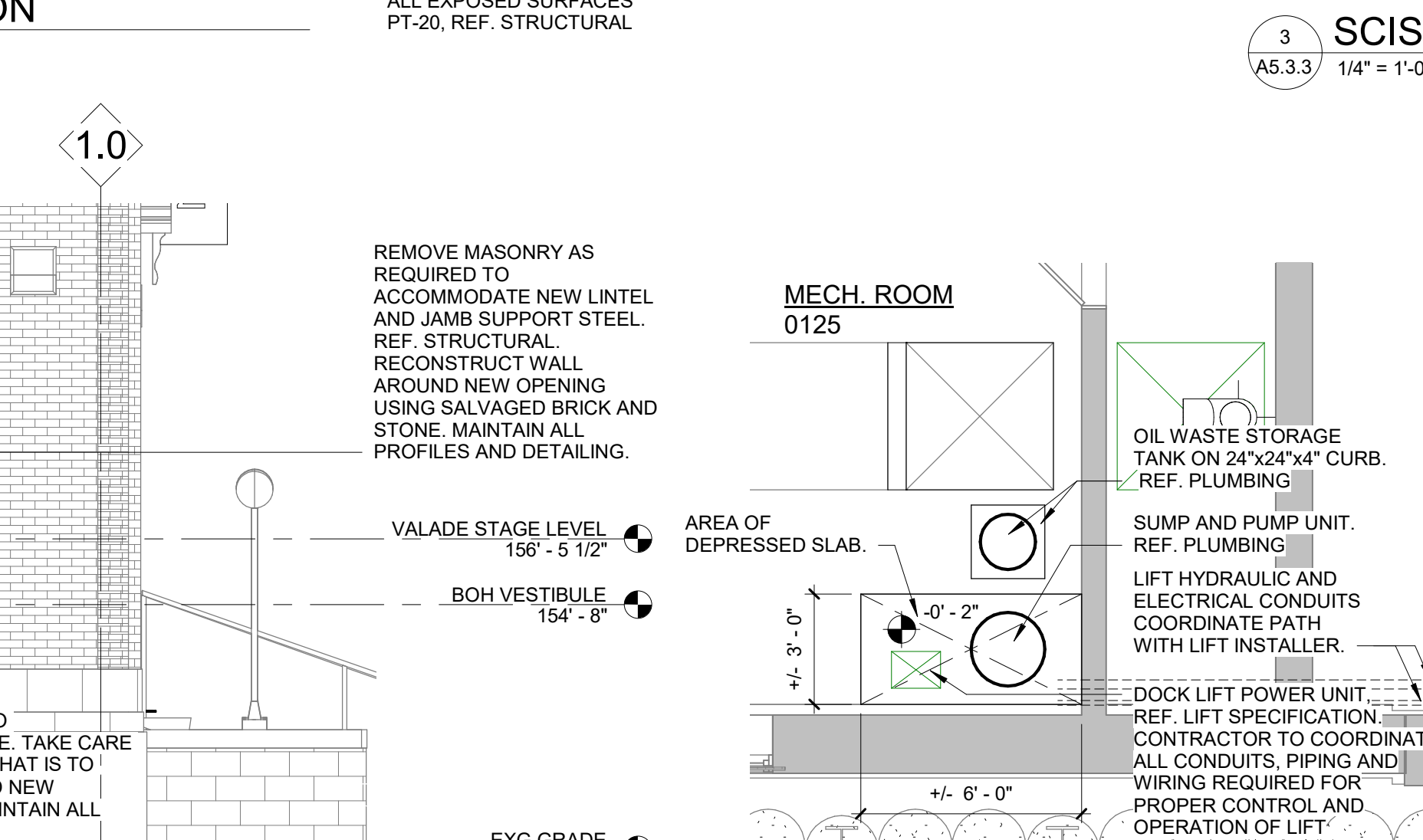
3 SCISSOR LIFT PLATFORM AND STAIR SECTION
A5.3.3 1/4" = 1'-0"



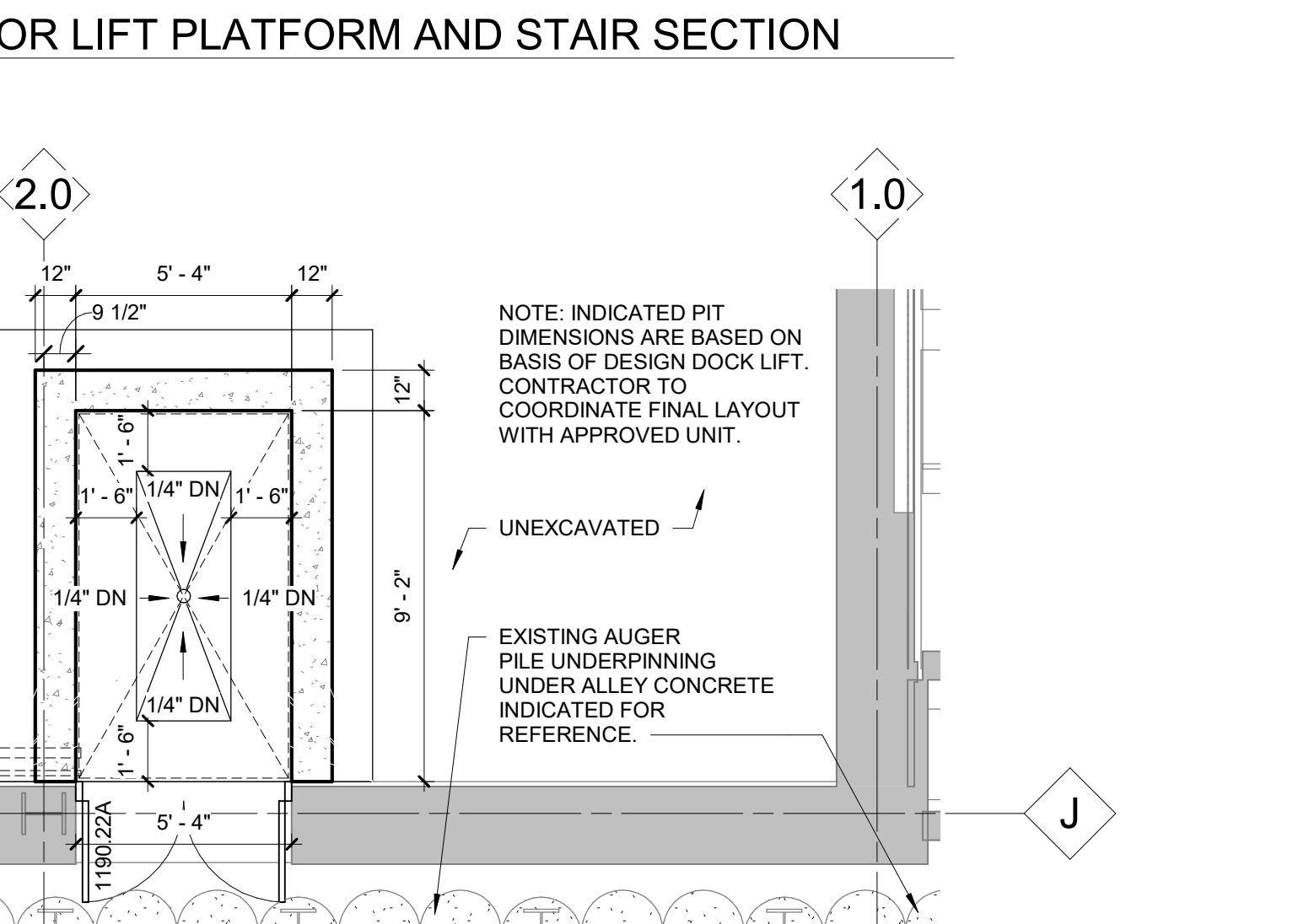
13 PIT TO ELEVATED FLOOR TRANSITION
A5.3.3 1" = 1'-0"



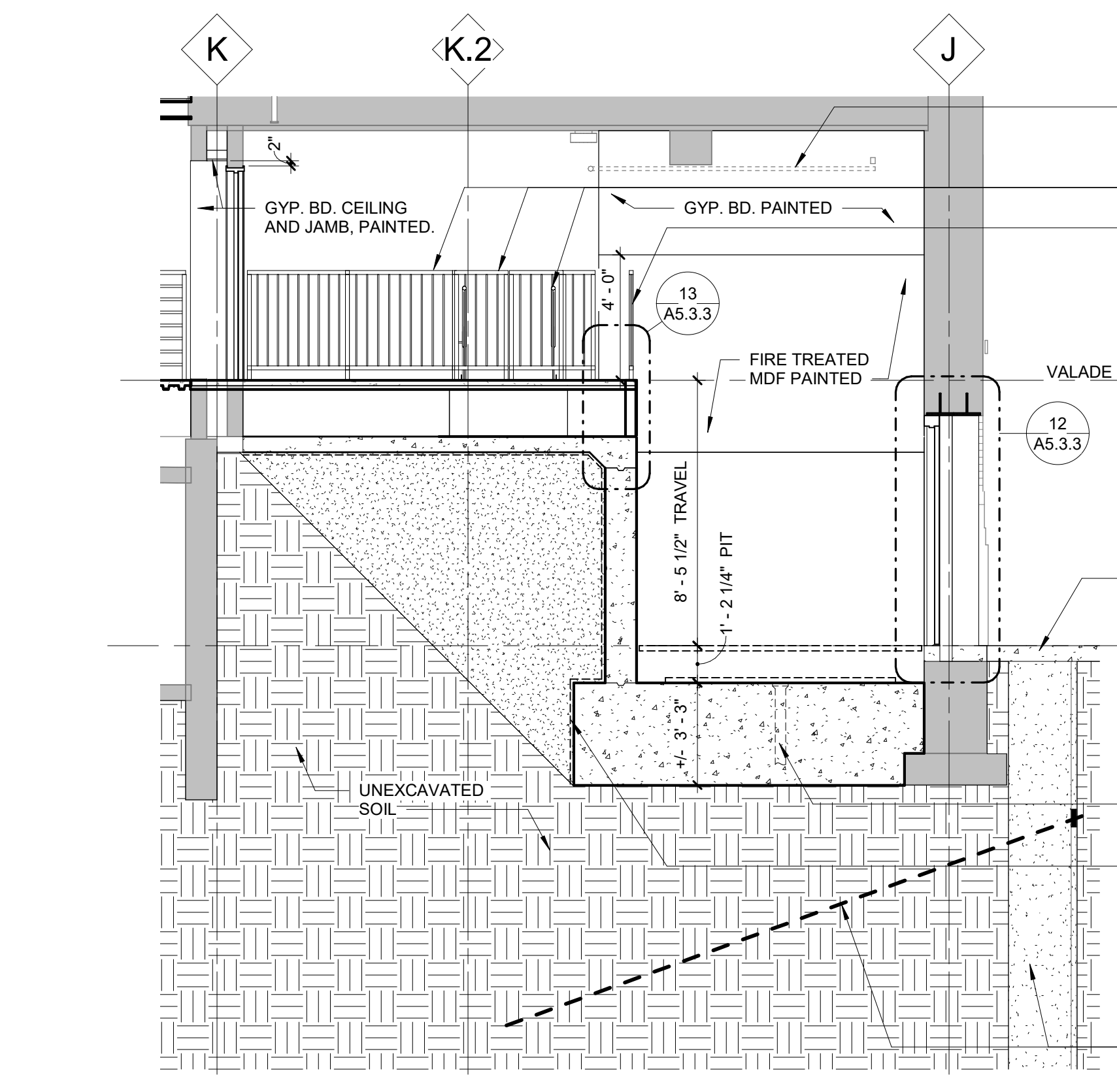
12 DOOR HEAD AND SILL DETAILS
A5.3.3 1" = 1'-0"



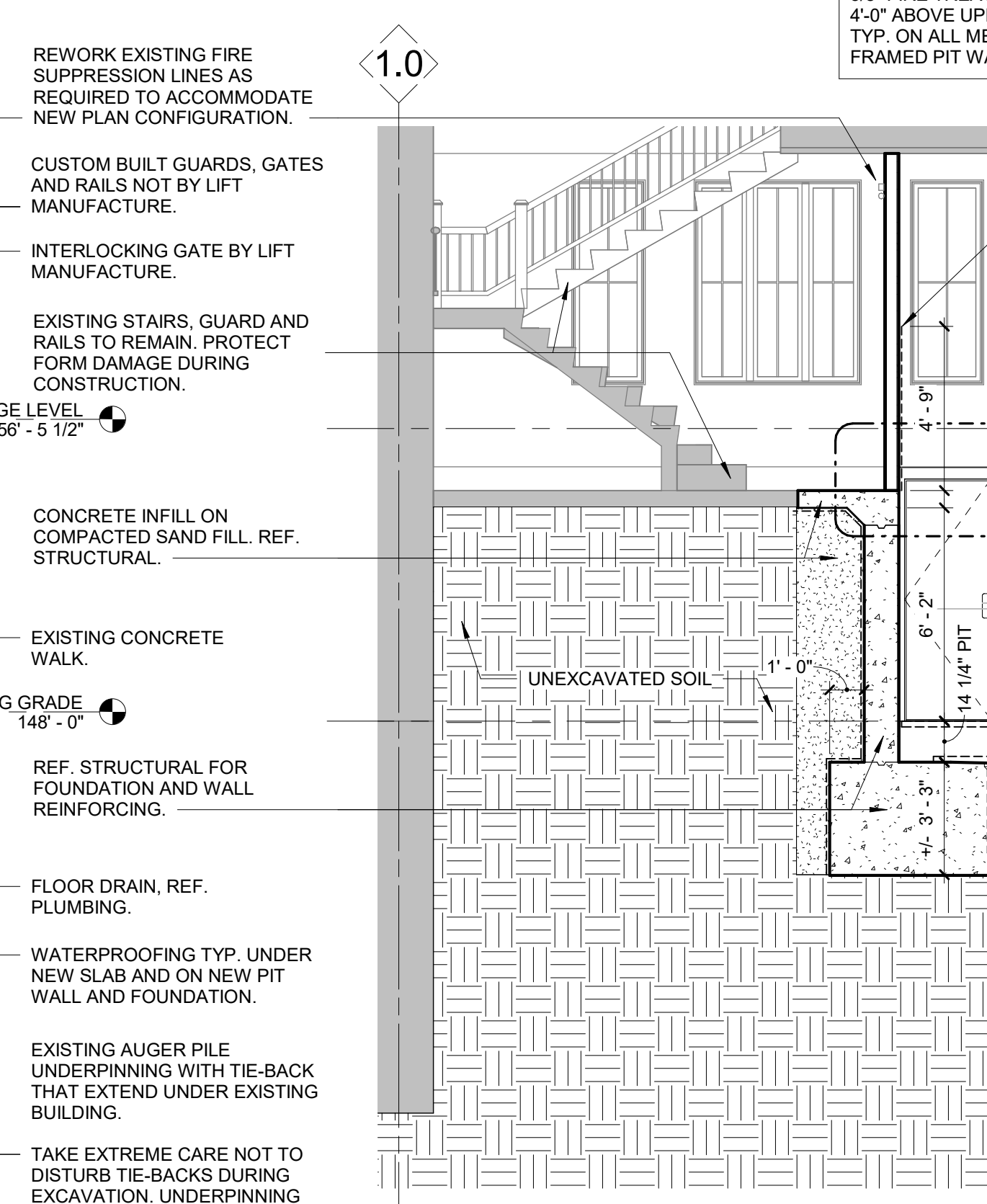
7 SCISSOR LIFT EXTERIOR ACCESS ELEVATION
A4.7.1 1/4" = 1'-0"



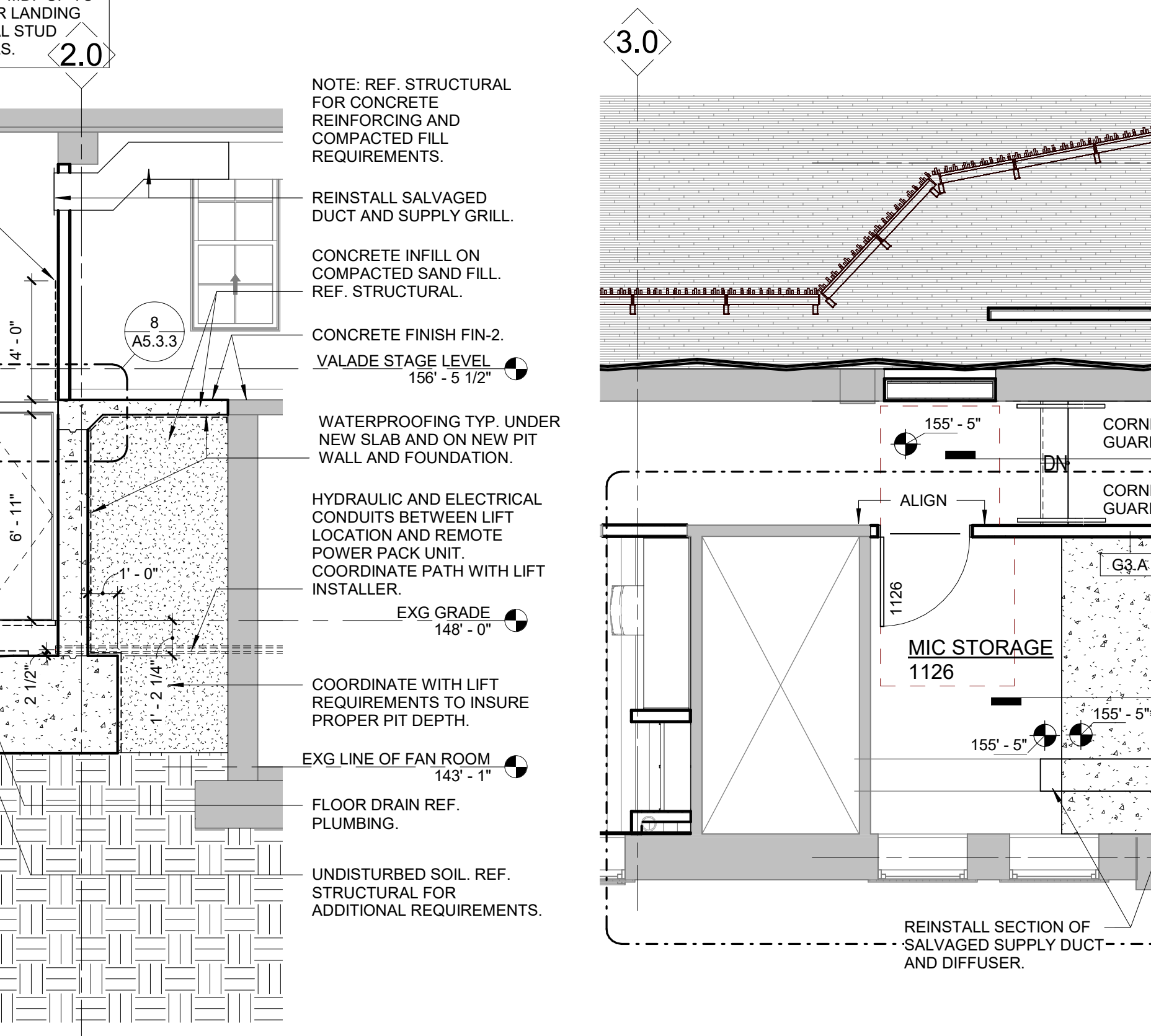
2 SCISSOR LIFT ENLARGED PIT PLAN
A5.3.3 1/4" = 1'-0"



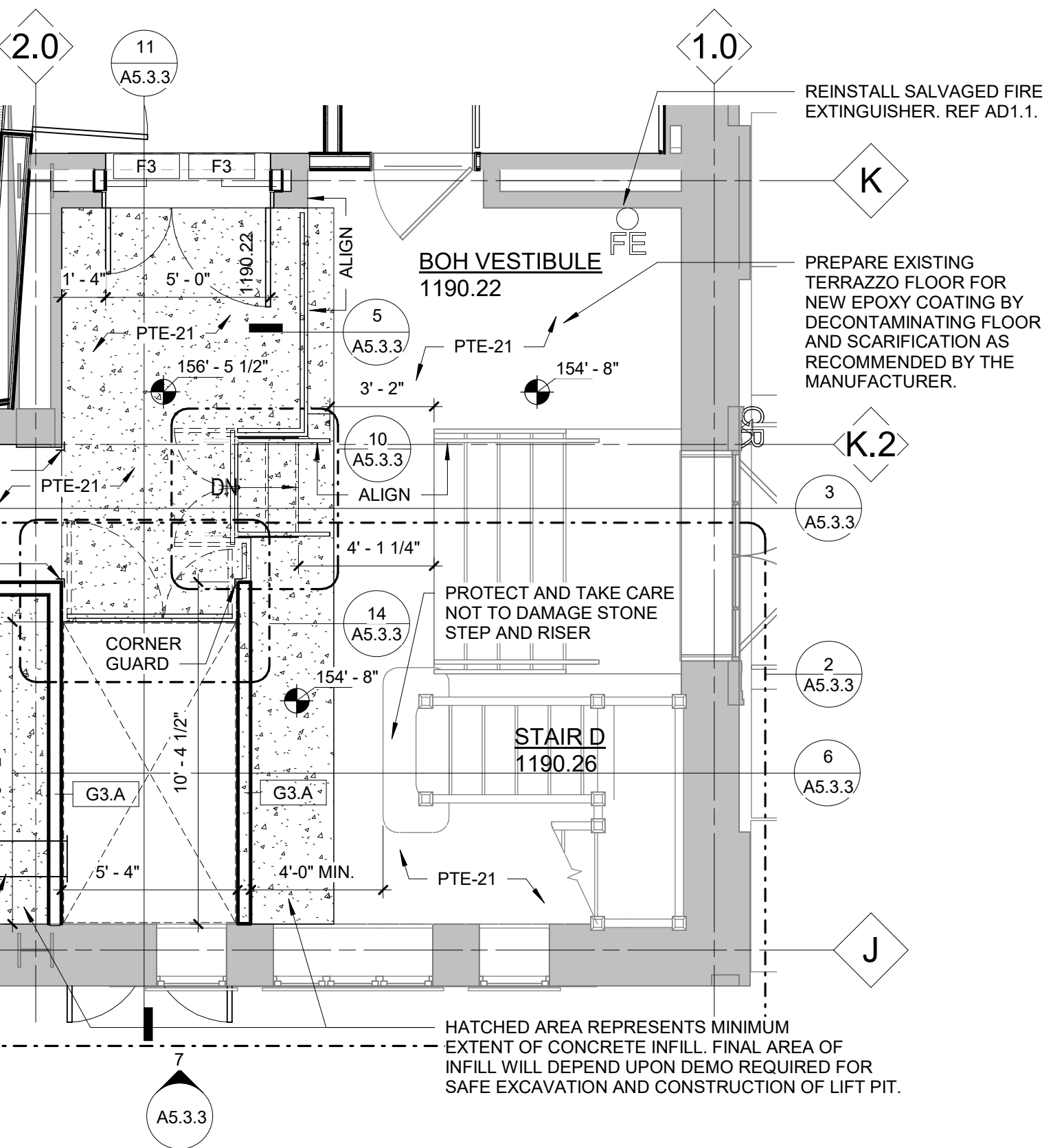
11 SCISSOR LIFT NORT/SOUTH PIT SECTION
A1.0A 1/4" = 1'-0"



6 SCISSOR LIFT EAST/WEST PIT SECTION
A1.0A 1/4" = 1'-0"



1 SCISSOR LIFT ENLARGED BOH VESTIBULE PLAN
A5.3.3 1/4" = 1'-0"



1 SCISSOR LIFT ENLARGED BOH VESTIBULE PLAN
A5.3.3 1/4" = 1'-0"

Sheet Size: 30" x 42" Template Version BIM 360://MSU/Hilberry Gateway/A5-WSU Hilberry Gateway-309550100.rvt

DOOR AND INTERIOR OPENING SCHEDULE - VALADE CENTER														
NUMBER	RATING	SIZE		DOOR		FRAME		FRAME		HEAD	JAMB	HARDWARE	GLASS TYPE	Comments
		WIDTH	HEIGHT	DOOR TYPE	MATERIAL	FINISH	FRAME TYPE	MATERIAL	FINISH					
EXG BASEMENT														
0101		6'-0"	7'-0"	F	HM	PT-29	WA	HM	PT-29			69.0		17, 19, 20
0102	45 MIN	3'-0"	7'-0"	F	HM	PT-20	WA	HM	PT-20			59.0		1, 2, 7, 8, 9, 10, 11
0110		3'-0"	7'-0"	E	WD	ST-1	WD1	WD	PT-20			67.0		14, 27
EXG GRADE														
1190.22A		5'-0"	7'-0"	F	HM	PT-50	WA-R	HM	PT-50			102		
EXG LOBBY LEVEL														
1102	45 MIN	6'-0"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			40.0		17
1103		3'-0"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			67.1		14, 24, 27
1105		2'-10"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			42.0		24
EXG VESTIBULE														
1119		7'-0"	7'-0"	F	WD	PT-3	WA	HM	PT-3			39.0		17, 19, 20
1121		3'-0"	7'-0"	F	WD	ST-1	WD1	WD	ST-1			92.2		REUSE DOOR FROM 3190.20
1123		2'-8"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			67.1		
1128		3'-0"	7'-0"	2P	WD	ST-1	WD1	WD	ST-1			66.1		1, 2, 7, 8, 9
1128.1		3'-0"	7'-0"	2P	WD	ST-1	WD1	WD	ST-1			67.1		14
1190.189		3'-0"	7'-0"	F	WD	ST-1	WD1	WD	PT-3/PT-20			25.0		1, 2, 7, 8, 9, 10, 11
1190.20		7'-0"	8'-0"	F	WD	PT-3	WA	HM	PT-3			78.0		1, 2, 3, 4, 5, 6, 17, 18, 19, 26
T.O. CONCRETE AT STAGE														
1110		2'-6"	6'-8"	5P	WD	ST-1	WD1	WD	ST-1			50.1		1, 2, 7, 8, 9, 10, 11, 17
1190.15C		6'-0"	8'-0"	F	WD	PT-3/PT-20	WA	HM	PT-3/PT-20			21.0		1, 2, 7, 8, 9, 10, 11, 17
1190.21		6'-0"	8'-0"	F	WD	PT-3	WA	HM	PT-3			78.0		1, 2, 3, 4, 5, 6, 17
VALADE STAGE LEVEL														
1190.22		5'-0"	6'-8"	2P	WD	PT-3/PT-20	WA	HM	PT-3/PT-20			78.0		1, 2, 3, 4, 5, 6, 17
EXG CROSS AISLE														
1113		3'-0"	8'-0"	F	WD	ST-1	WA	HM	PT-20			57.0		16, 26
1116		3'-0"	7'-0"	F	WD	ST-1	WA	HM	PT-20			43.1		1, 2, 7, 8, 9, 10, 11, 17
1126		3'-0"	7'-0"	2P	WD	ST-1	WD1	HM	ST-1			46		
1190.06		6'-0"	7'-0"	F	WD	ST-1	WD1	HM	PT-3			77.0		1, 2, 3, 4, 5, 6, 17
1190.13		2'-10"	6'-8"	F	WD	ST-1	WD1	WD	ST-1			53.0		1, 2, 3, 4, 5, 6
1190.14		6'-0"	7'-0"	F	WD	ST-1	WD1	HM	ST-1			77.0		1, 2, 3, 4, 5, 6, 17
1190.16		3'-0"	7'-0"	2P	WD	ST-1	WD1	HM	ST-1			62.1		1, 2, 3, 4, 5, 6, 34
1190.16A		3'-0"	7'-0"	2P	WD	ST-1	WD1	HM	ST-1			25.0		1, 2, 7, 8, 9, 10, 11
1190.19A		3'-0"	7'-0"	2P	WD	ST-1	WD1	HM	ST-1			25.0		1, 2, 7, 8, 9, 10, 11
1190.19B		6'-0"	7'-0"	F	HM	PT-20	WA-R	HM	PT-20			15.1		18, 19, 20
UPPER LEVEL (ST)														
3190.38		2'-6"	7'-0"	F	-	-	-	-	-			92.3		21, 23
3190.39		2'-6"	7'-0"	F	-	-	-	-	-			92.3		21, 23
EXG ORGAN LOFT														
2126		3'-0"	7'-0"	F	WD	ST-1	WD1	HM	PT-20			51.1		1, 2, 7, 8, 9
2128		3'-0"	7'-0"	F	WD	ST-1	WD1	HM	PT-20			51.1		1, 2, 7, 8, 9
2128.1		2'-8"	7'-0"	F	WD	ST-1	WD1	WD	ST-1			54.0		
EXG LEVEL TWO														
2101		3'-0"	7'-0"	F	WD	PT-20	WD1	WD	PT-20			66.0		
EXG GATWALK														
3190.21		3'-0"	3'-0"	F	WD	PT-3	WA	HM	PT-3			55.0		1, 2, 7, 8, 9, 10, 11, 33
3190.22		3'-0"	3'-0"	F	WD	PT-3	WA	HM	PT-3			55.0		1, 2, 7, 8, 9, 10, 11, 33

DOOR 1190.25B IS ELIMINATED FROM THE NEW WORK DOOR SCHEDULE AND IS EXISTING TO REMAIN.
DOORS 1123, 3190.20, 3190.30 ARE ELIMINATED FROM THE NEW WORK DOOR SCHEDULE AND IS EXISTING TO REMAIN.
DOOR NUMBER 1130 WAS CHANGED TO DOOR NUMBER 1128.1

EXISTING DOOR AND INTERIOR OPENING SCHEDULE - VALADE CENTER														
NUMBER	RATING	SIZE		DOOR		FRAME		FRAME		HEAD	JAMB	HARDWARE	GLASS TYPE	Comments
		WIDTH	HEIGHT	DOOR TYPE	MATERIAL	FINISH	FRAME TYPE	MATERIAL	FINISH					
EXG LINE OF BOILER RM														
0121		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
EXG BASEMENT														
0104		2'-4"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0105		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0106		2'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0107		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0108		2'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0109		2'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0111.01		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0111.02		2'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0112		2'-4"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.03A		4'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.03B		4'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.03C		4'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.03D		4'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.07		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.08		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.10A		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.10B		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.10C		3'-4"	7'-0"	BF4	-	-	-	-	-			92.0		21, 23
0190.10D		3'-4"	7'-0"	BF4	-	-	-	-	-			92.0		21, 23
0190.14		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0190.14A		3'-4"	7'-0"	BF4	-	-	-	-	-			92.0		21, 23
EXG LINE OF FAN ROOM														
0123		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		EXISTING STEEL FIRE DOOR TO ACCESS PLENUM SPACE.
0124		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0126		3'-0"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
0187.20B		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		21, 23
0187.20C		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		21, 23
0187.20D		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		21, 23
0187.20E		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		21, 23
0187.20F		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		21, 23
0187.20G		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		21, 23
0187.20H		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		21, 23
0187.20I		3'-0"	4'-0"	F	-	-	-	-	WD1			92.0		21, 23
EXG PLENUM CHAMBER														
0187.20A		2'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
1137		2'-6"	7'-0"	F	-	-	-	-	WD1			92.0		21, 23
EXG GRADE														
1190.25A		5'-4"	8'-0"	F	WD	PT-23	WD1	WD	PT-23			92.3		21, 23
EXG BCH														
1108		2'-10"	6'-8"	F	-	-	-	-	WD1			92.3		21, 23
1109		3'-0"	7'-0"	F	-	-	-	-	WD1			92.3		21, 23
1111.1		3'-0"	7'-0"	F	-	-	-	-	WD1			92.3		21, 23
1111.02		3'-0"	7'-0"	F	-	-	-	-	WD1			92.3		21, 23
1190.25C		2'-4"	7'-0"	F	-	-	-	-	WD1			92.3		21, 23
EXG LOBBY LEVEL														
1100.01		6'-0"	8'-0"	F	-	-	-	-	WD1			92.3		21, 23
1100.A		6'-0"	7'-6"	F	-	-	-	-	WD1			93.0		18, 21, 23, 35
1101		3'-0"	7'-0"	F	-	-	-	-	WD1			67.1		14, 21, 23, 27
1104		2'-10"	6'-8"	F	WD	ST-1	WD1	WD	ST-1			94.0		21, 23, 28
1107		3'-0"	7'-0"	F	-	-	-	-	WD1			92.3		21, 23
1190.03B		6'-0"	8'-0"	F	-	-	-	-	WD1			92.3		21, 23
1190.03D		6'-0"	8'-0"	F	-	-	-	-	WD1			92.3		21, 23
1190.09F		6'-0"	8'-0"	F	-	-	-	-	WD1			95.0		21, 23, 25
1190.09		2'-8"	7'-0"	F	-	-	-	-	WD1			92.3		21, 23
1190.10		2'-10"	7'-0"	F	-	-	-	-	WD1			92.3		21, 23
1190.11		2'-10"	7'-0"	F	-	-	-	-	WD1			92.3		21, 23
1190.12		2'-10"	6'-8"	F	-	-	-	-	WD1			92.3		21, 23
1190.12.1		2'-10"	6'-8"	F	-	-	-	-	WD1			92.3		21, 23
1190.22A		6'-0"	8'-0"	F	-									

ROOM FINISH SCHEDULE

ROOM NUMBER	AREA	ROOM NAME	FLOOR				WALLS				CEILING		CASEWORK		NOTES
			FINISH	BASE	NORTH	EAST	SOUTH	WEST	MATL	FINISH	CABINET	COUNTERTOP			
0100	2,219 SF	DEE DEE BRIDGEWATER'S JAZZ UNDERGROUND	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.				
0101	105 SF	PIANO STORAGE	EXIST.	RB-4	PT-29	PT-29	PT-29	PT-29	ACT-1	ACT-1					PAINT BOTH SIDES OF WALLS PT-29 WITH RB-4
0102	53 SF	ELECTRICAL ROOM	NOTE 1	RB-4/PT-3	PT-20	PT-20	PT-20	PT-20	EXPOSED	PT-20					
0103	895 SF	STORAGE/GREEN ROOM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0104	8 SF	JAN.	EXIST.	PT-3	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
0105	144 SF	DRESSING ROOM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0106	56 SF	MENS	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0107	149 SF	DRESSING ROOM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0108	63 SF	WOMENS	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0109	58 SF	STORAGE	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0110	44 SF	ACCESSIBLE RESTROOM	CTF-20	CTB-20	PT-26	CTW-20/CTW-21	PT-26	PT-26	ACT-1	ACT-1					
0111	61 SF	OFFICE	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0112	81 SF	CONTROL ROOM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0113	388 SF	MAIN ELECT.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0119	147 SF	MAINTENANCE	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0121	263 SF	BOILER ROOM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0123	513 SF	MECH. ROOM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0124	74 SF	FIRE RM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0125	805 SF	MECH. ROOM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0126	81 SF	MECH. ROOM	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0190.03	71 SF	VESTIBULE	NOTE 5	RB-4	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
0190.04	555 SF	LOBBY	CPT-20	RB-4/PT-3	PT-20	PT-20	PT-20	PT-20	ACT-1	ACT-1					
0190.07	42 SF	CORRIDOR	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0190.08	331 SF	CORRIDOR	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0190.10	185 SF	STAIR C	NOTE 1	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
0190.12	64 SF	CORRIDOR	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0190.14	282 SF	CORRIDOR	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.	N.I.C.					
0190.25	68 SF	STAIR E	PT-27	PT-29	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
0235	399 SF	ORCH PIT	WDF-3	RB-3	PT-3	PT-3	PT-3	PT-3	EXP / AST-2A	EXP/PT-3/AST-2A					
0238	761 SF	STORAGE	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0240	942 SF	TRAP ROOM	CONC FIN-2	RB-3	PT-3	PT-3	PT-3	PT-3	EXP	EXP/PT-3					
0242	540 SF	STORAGE	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0244	241 SF	ARBOR PIT	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	N/A	N/A					
0290.05	212 SF	STAIR G	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0290.06	65 SF	SLL	CPT-1	RB-1	AST-1/P-3	PT-3	PT-3	PT-3	ACT-2	ACT-2					
0290.17	44 SF	PIT ACCESS	CPT-1	RB-1	PT-3	PT-3	AST-1/PT-3	PT-3	ACT-2	ACT-2					
0290.18	78 SF	ELEV-4	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS					
0290.19	239 SF	STAIR I	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0290.20	717 SF	CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0290.21	587 SF	CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0301	392 SF	FIRE PUMP ROOM	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0302	699 SF	ELECTRICAL ROOM	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0303	139 SF	ELEV EQUIP	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1					
0387.01	249 SF	MECHANICAL PLENUM	-	-	-	-	-	-	-	-					
0387.02	24 SF	MECHANICAL PLENUM	-	-	-	-	-	-	-	-					
1100	3,600 SF	LOBBY	NOTE 1 & 3	NOTE 6	PT-20/PT-23/PT-2	PT-20/PT-24	PT-20/PT-24	PT-20/PT-23/PT-24	EXIST.	PT-21					
1101	55 SF	REST ROOM	NOTE 1	NOTE 1	PT-26	CTW-20/CTW-21	PT-26	PT-26	EXIST.	PT-25					
1102	30 SF	ELEV. MACH. RM	EXIST.	RB-4	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1103	66 SF	ACCESSIBLE RESTROOM	CTF-10	CTB-10	PT-26	CTW-20/CTW-21	PT-26	PT-26	GYP	PT-25					
1104	84 SF	BOX OFFICE	EXIST.	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1105	12 SF	JC	NOTE 1	RB-4	PT-20	PT-20	PT-20	PT-20	GYP	PT-20					
1106	410 SF	OFFICE	EXIST.	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1107	83 SF	COAT ROOM	EXIST.	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1108	55 SF	MECH	EXIST.	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1109	160 SF	MECH.	EXIST.	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1110	5,325 SF	VALADE JAZZ CENTER	WDF-20/CPT-20/PT-20	SEE ELEV.	-	-	-	-	SEE RCPS	SEE RCPS					
1111	304 SF	MECH / ELECT.	EXIST.	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1111.1	8 SF	CLO	EXIST.	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1113	321 SF	GREEN ROOM	RFT-2/CPT-2	RB-4	CTW-22	PT-27	PT-27	PT-27	GYP	GYP/PT-28	PLAM-4	SSF-3			
1117	67 SF	ELECT. / MDF	NOTE 1	EXIST.	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1119	55 SF	OFFICE	CPT-20	RB-4	PT-20	PT-20/TK	PT-20	PT-20	EXIST.	PT-20					
1121	54 SF	UNISEX RESTROOM	CTF-21	CTB-21/ RB-6	PT-20	CTW-23/CTW-24	PT-20	PT-20	EXIST.	PT-20					
1123	20 SF	CUSTODIAL / JC	NOTE 1	NOTE 1/ CTB-21	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1126	117 SF	MIC STORAGE	CONC FIN-2	RB-2	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1127	156 SF	STAR DRESSING ROOM	CPT-20	RB-5	PT-20/AS T-2C	PT-20/AST-2C	PT-20/AST-2C	PT-20/AST-2C	EXIST.	PT-20/A ST-2C	PLAM-3				
1127.1	28 SF	REST. RM	CTF-21	CTB-21	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1128	165 SF	ACCESSIBLE DRESSING ROOM	CPT-20	RB-5	PT-20/AS T-2C	PT-20/AST-2C	PT-20/AST-2C	PT-20/AST-2C	EXIST.	PT-20/A ST-2C	PLAM-3				
1128.1	72 SF	ACCESSIBLE TOILET ROOM	CTF-21	CTB-21	PT-20	PT-20	PT-20	CTW-23/CTW-24	EXIST.	PT-21					
1190.05	65 SF	STAIR A	NOTE-3	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-21					
1190.06	104 SF	VOMITORY	CPT-20	RB-4	PT-3	PT-3	PT-3	PT-3	EXIST.	PT-3					
1190.09	9 SF	LIFT CONTROLS	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.					
1190.10	221 SF	STAIR C	NOTE 1	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1190.11	49 SF	CORRIDOR	EXIST.	EXIST.	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1190.12	12 SF	LIFT #2	EXIST.	EXIST.	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1190.13	2,223 SF	CORRIDOR	EXIST.	EXIST.	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1190.14	109 SF	VOMITORY	CPT-20	RB-4	PT-3	PT-3	PT-3	PT-3	EXIST.	PT-3					
1190.15	67 SF	STAIR B	NOTE-3	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-21					
1190.17	15 SF	SLL	CPT-20	RB-4	PT-3/AS T-1	PT-3	PT-3	PT-3	ACT-2	ACT-2					
1190.18	253 SF	CORRIDOR	CPT-20	NOTE 2	PT-20	PT-20/PT-24	PT-20	PT-20	ACT-1	ACT-1					
1190.19	531 SF	BOH CORRIDOR	CPT-20	RB-5	PT-20	PT-20	PT-20	PT-20	ACT-1	ACT-1					
1190.20	96 SF	SLL	CONC FIN-2	RB-4	PT-3	PT-3/AST-1	PT-3	PT-3	ACT-2	ACT-2					
1190.21	627 SF	SLL	CPT-20	RB-4	PT-3	PT-3	PT-3/AST-1	PT-3	ACT-2	ACT-2					
1190.22	214 SF	BOH VESTIBULE	PTE-21	PT-24/R B-2	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					

ROOM FINISH SCHEDULE

ROOM NUMBER	AREA	ROOM NAME	FLOOR				WALLS				CEILING		CASEWORK		NOTES
			FINISH	BASE	NORTH	EAST	SOUTH	WEST	MATL	FINISH	CABINET	COUNTERTOP			
1190.23	115 SF	CORRIDOR	CPT-20	RB-4	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1190.24	325 SF	CORRIDOR	CPT-20	RB-4	PT-20	PT-20	PT-20	PT-20	ACT-1	ACT-1					
1190.25	181 SF	STAIR E	PT-27	PT-28	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20					
1190.26	65 SF	STAIR D	NOTE 1	PT-24	PT-20	PT-20	PT-20	PT-							

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Contractor: Rockford Construction
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Structural Engineer: DESAI / NASR Consulting Engineers Inc.
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Civil Engineer: Spalding DeDecker
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Rochester Hills, MI 48307
800.598.1600

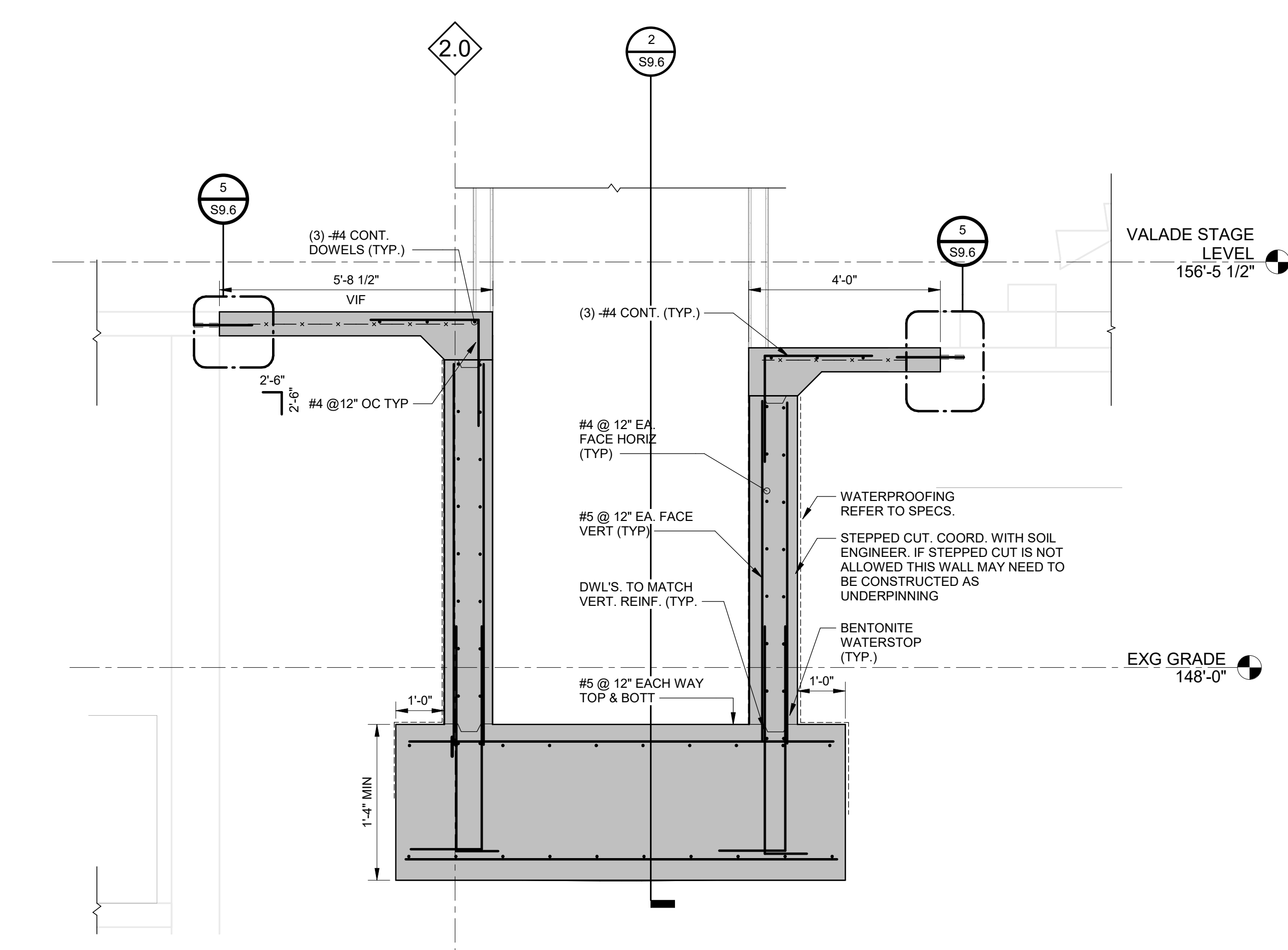
Landscape Architect: Hamilton Anderson
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313.964.0270

Theatrical: Auerbach Pollock Friedlander
285 West 37th Street
New York, NY 10018
212.764.5630

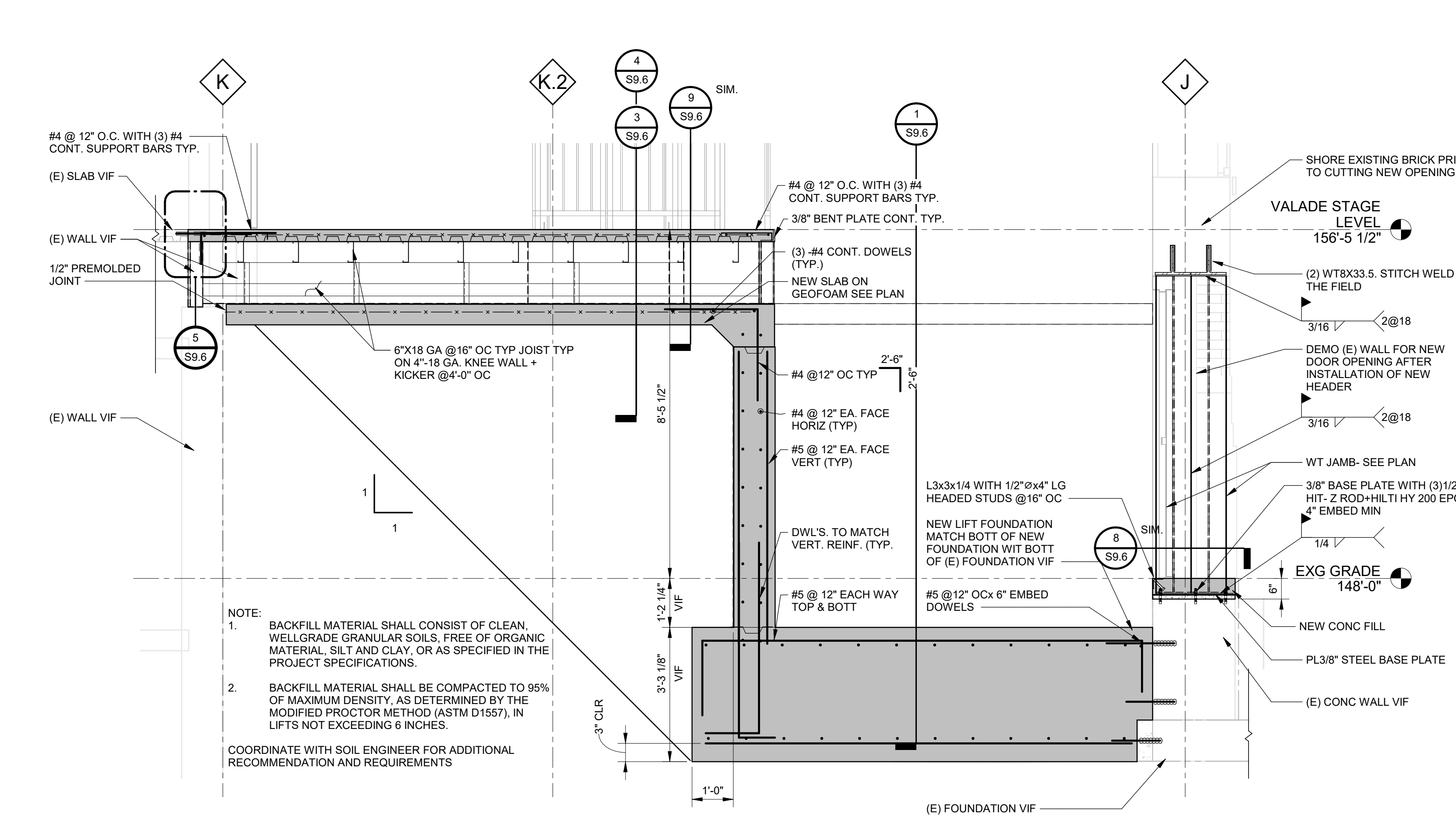
Lighting: Auerbach Glasow
1945 Sansome Street, Suite 300
San Francisco, CA 94111
415.392.7528

Acoustics / AV: Jaffe Holden
114-A Washington Street
Norwalk, CT 06864
203.838.4198

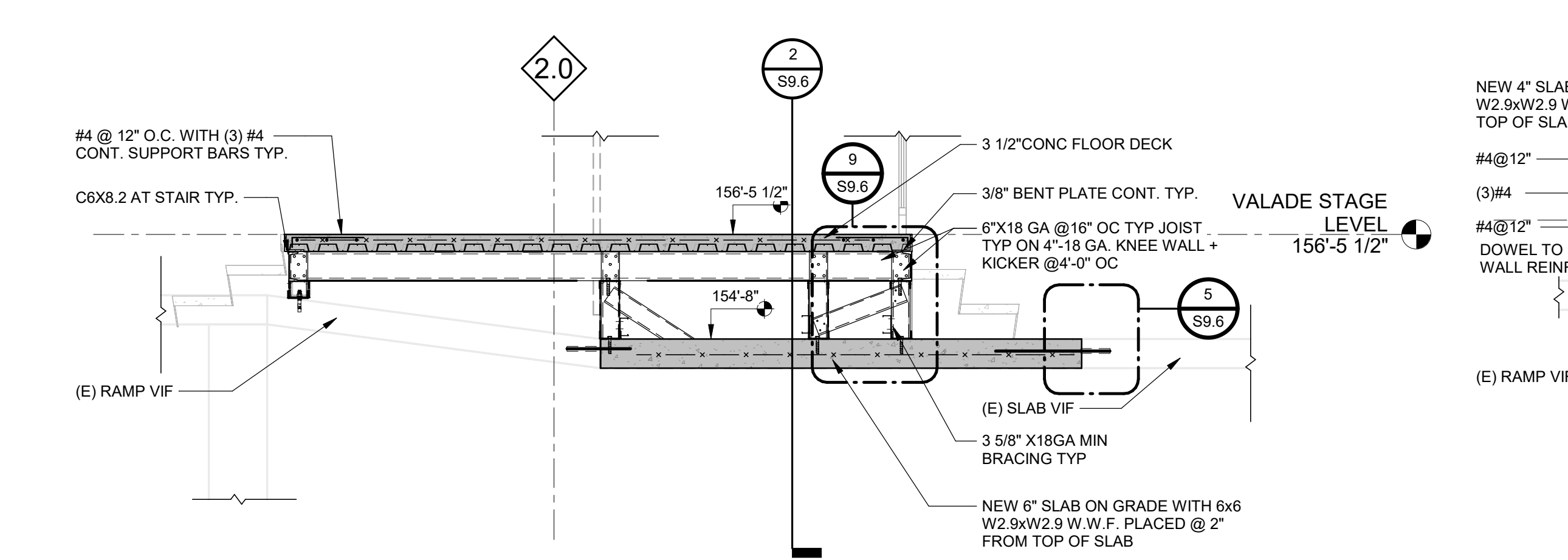
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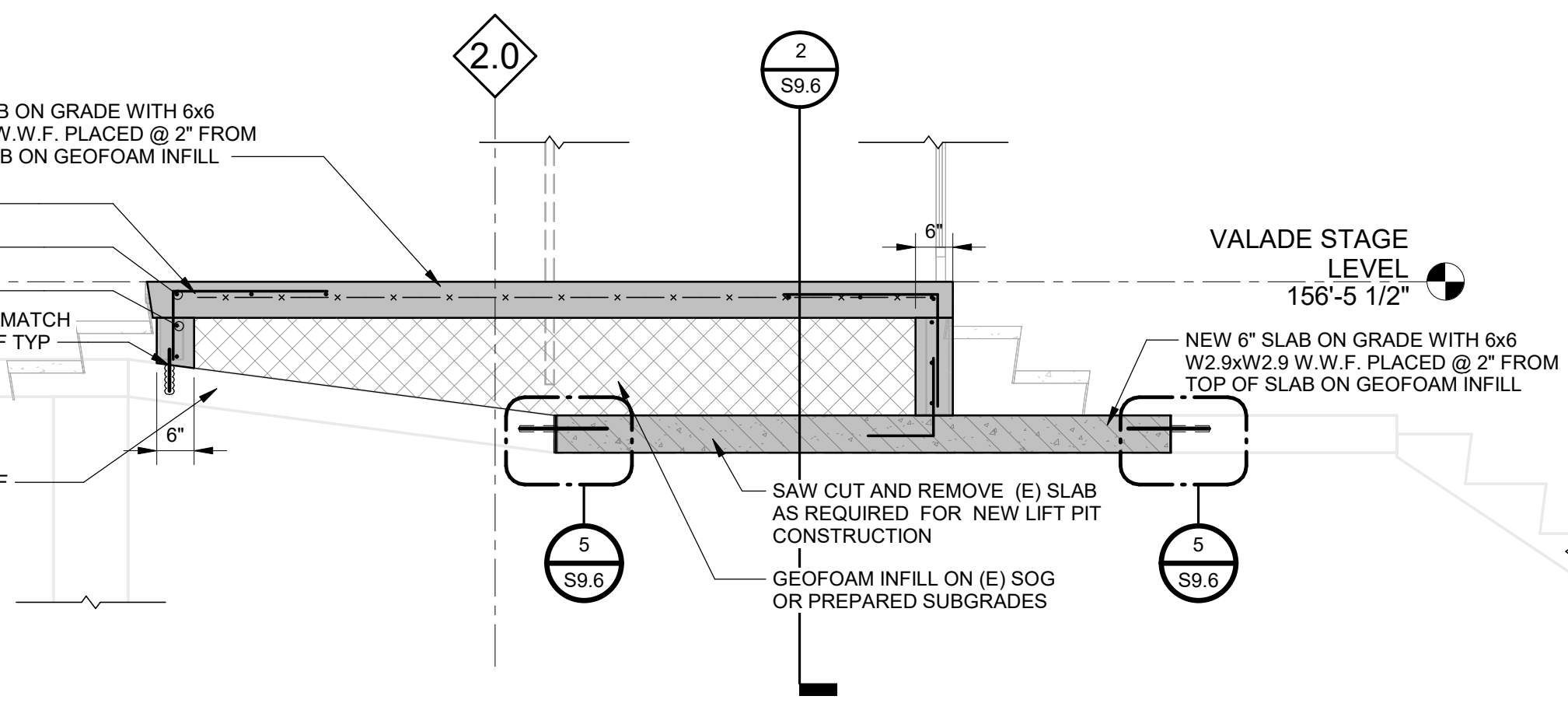
1 SECTION
1/2" = 1'-0"



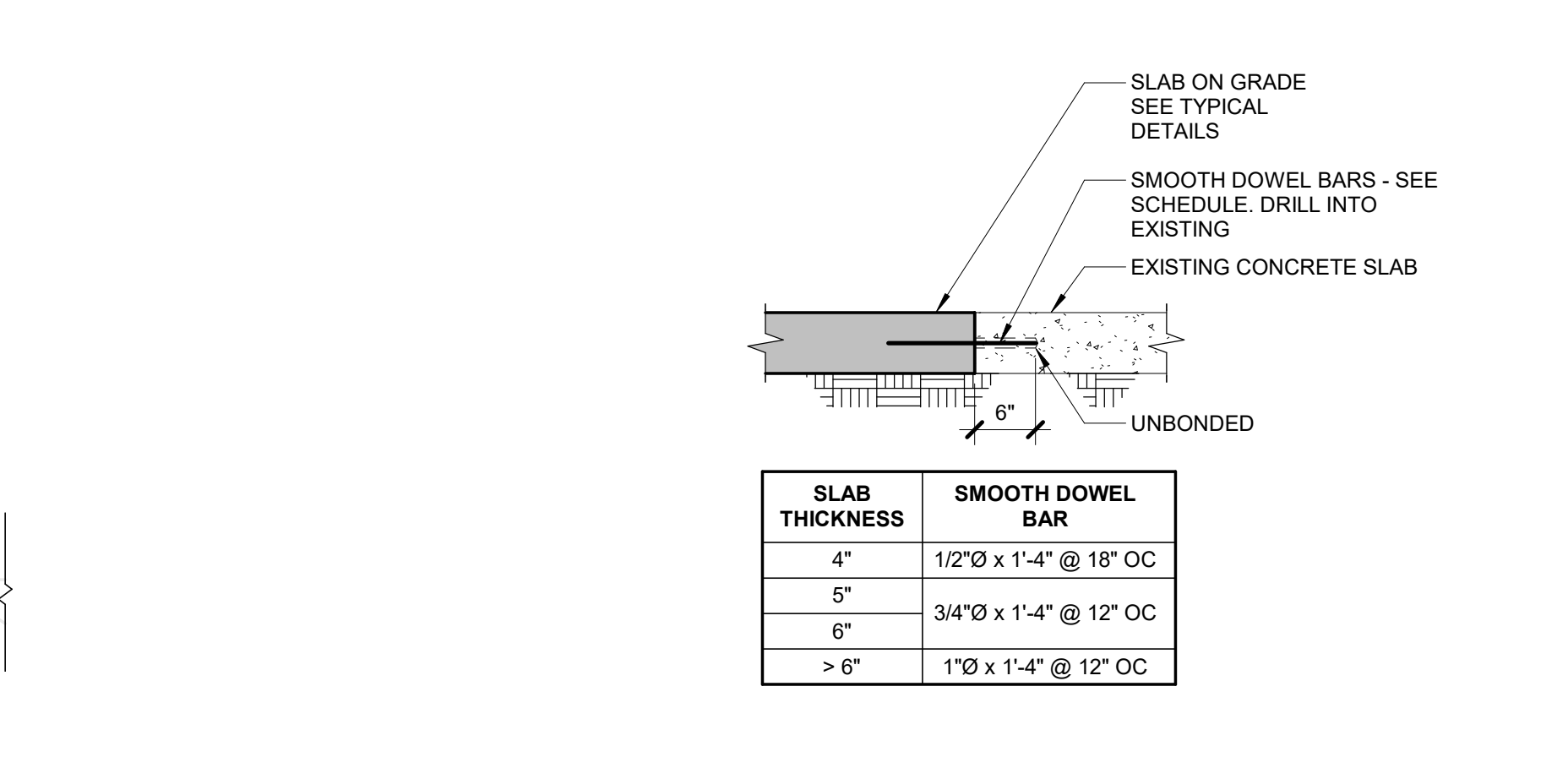
2 SECTION
1/2" = 1'-0"



3 SECTION
1/2" = 1'-0"

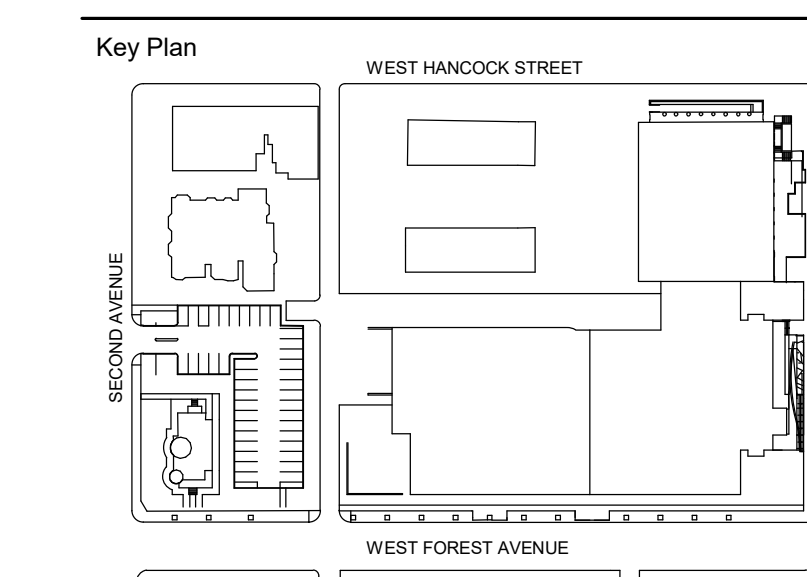


4 SECTION-ALT
1/2" = 1'-0"



5 NEW TO EXISTING SLAB DETAIL
3/4" = 1'-0"

SLAB THICKNESS	SMOOTH DOWEL BAR
4"	1/2"Ø x 1'-4" @ 18" OC
5"	3/4"Ø x 1'-4" @ 12" OC
6"	1"Ø x 1'-4" @ 12" OC
> 6"	1"Ø x 1'-4" @ 12" OC



BULLETIN 21 BP4 DOCK LIFT	FEB. 16, 2024
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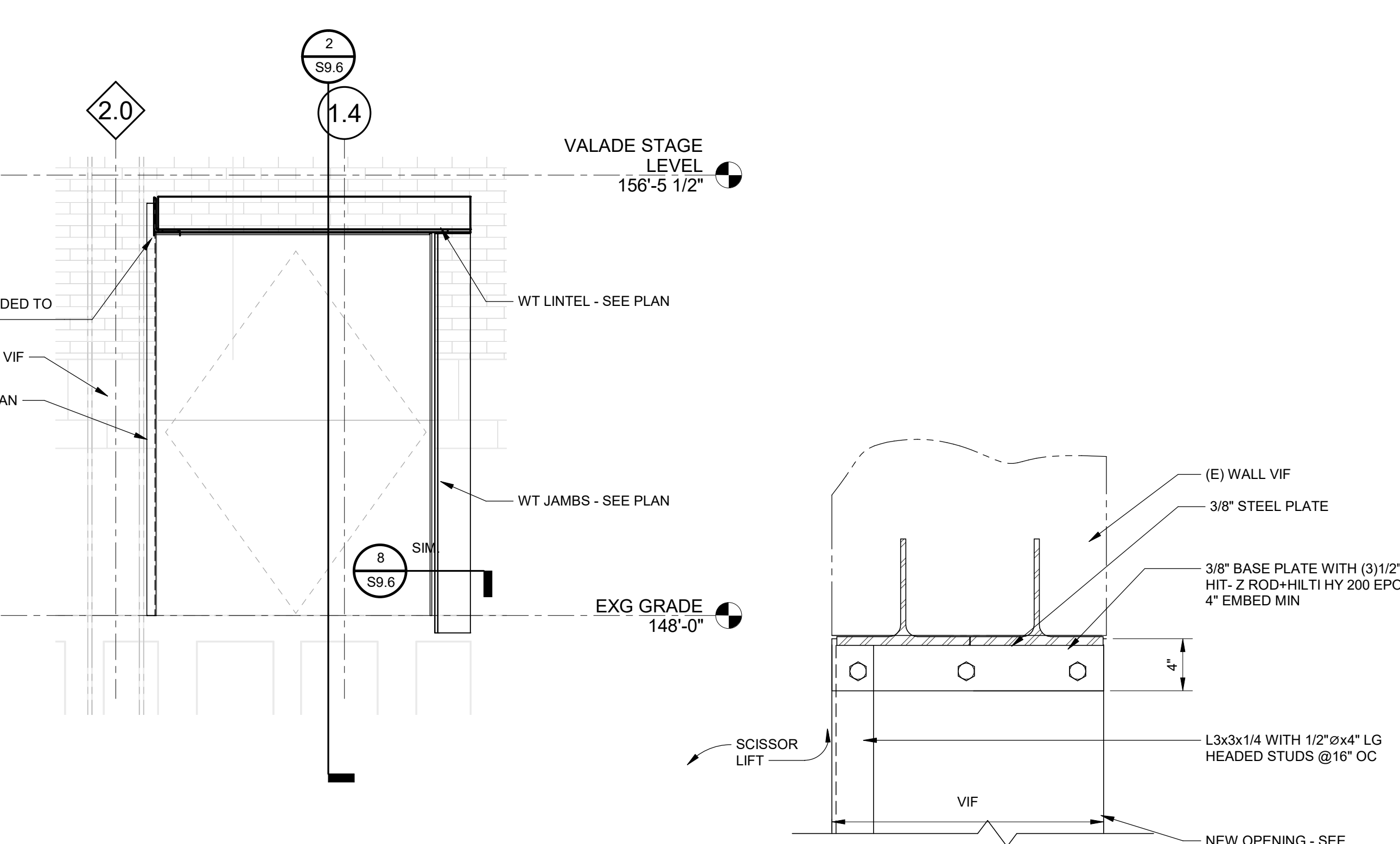
Project
WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578
Drawing Title
SECTIONS AND DETAILS

Project Number: 3995-001-00
Drawn By: Designer
Scale: As indicated
Seal:

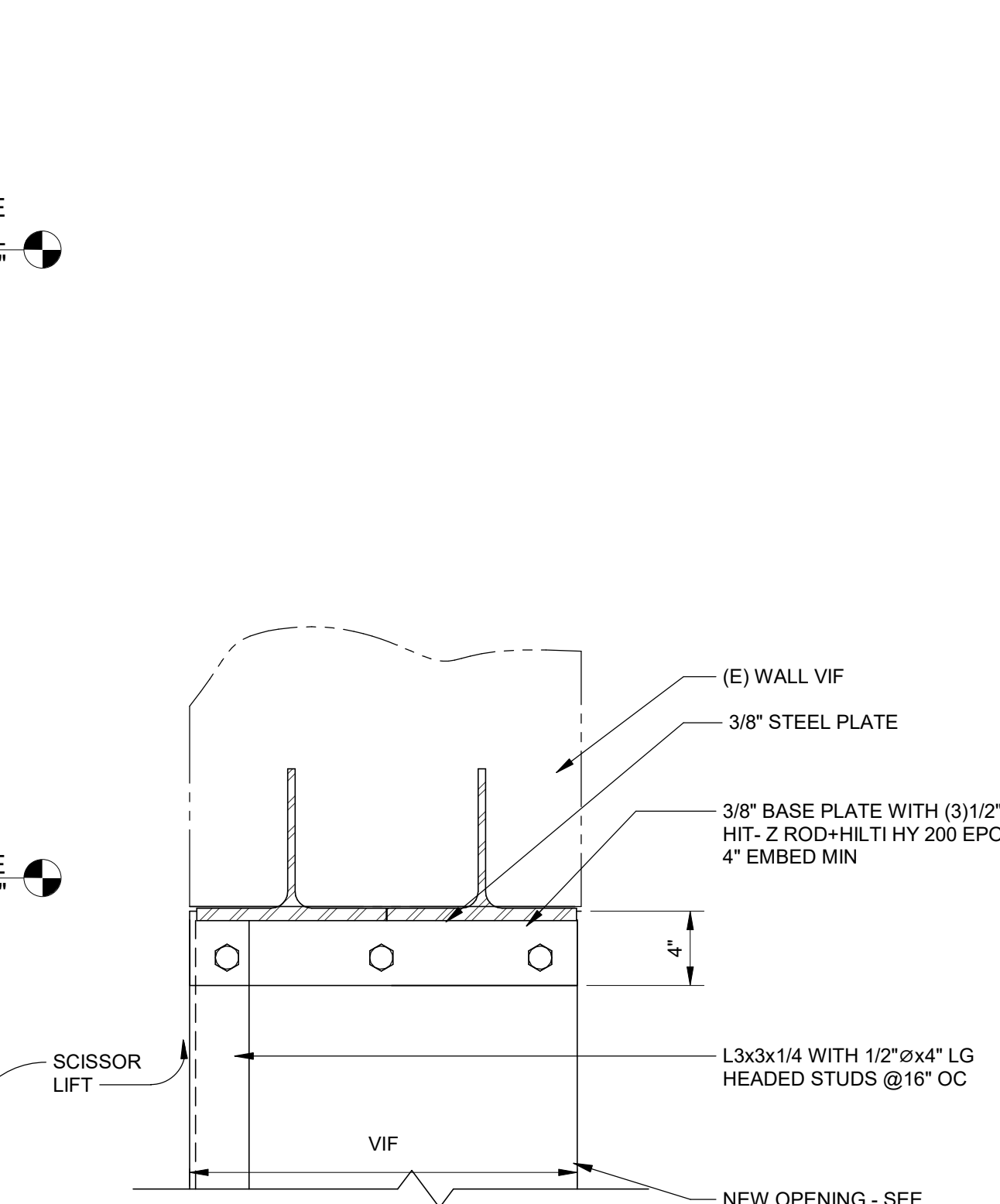


Signature: _____
Drawing No:

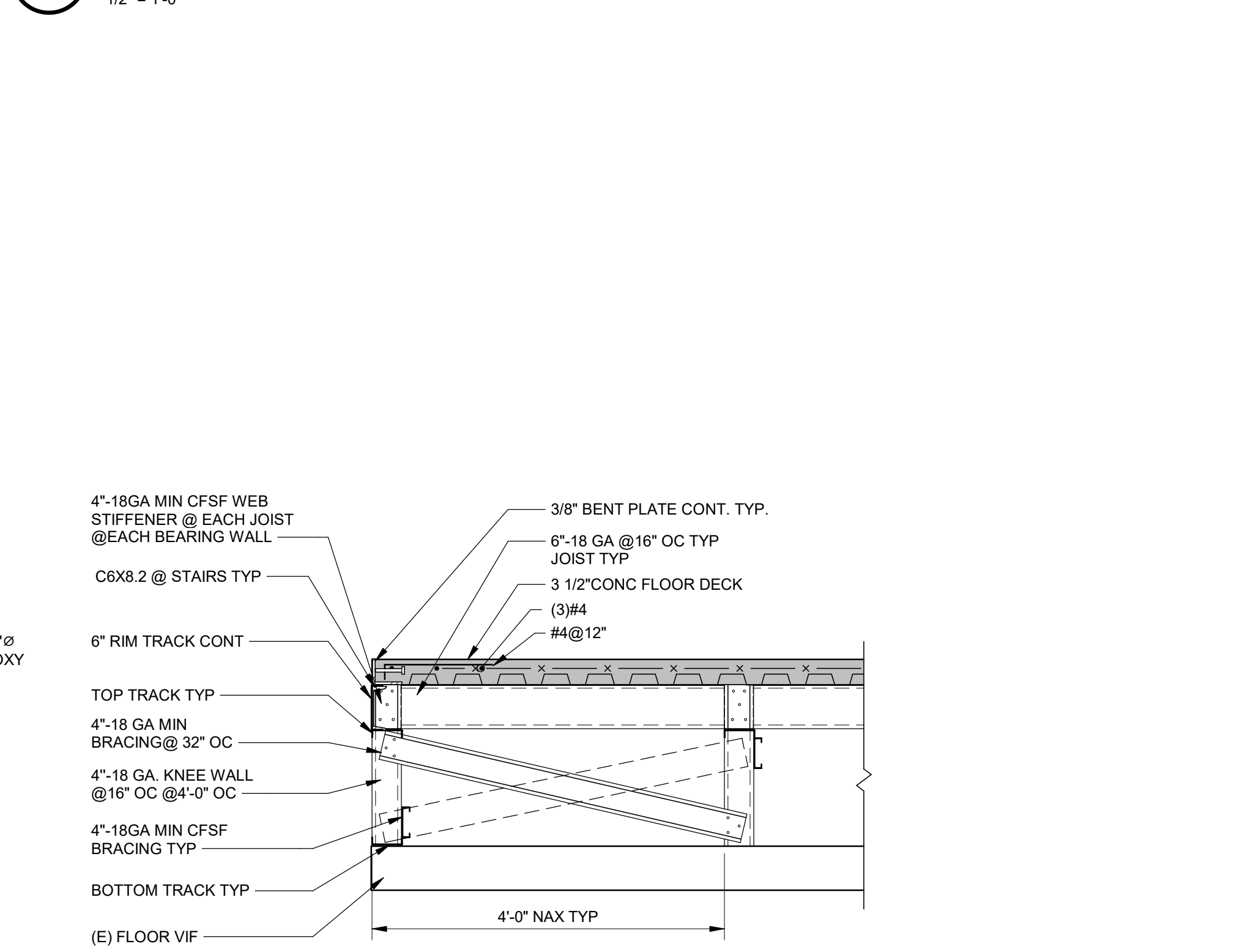
S9.6



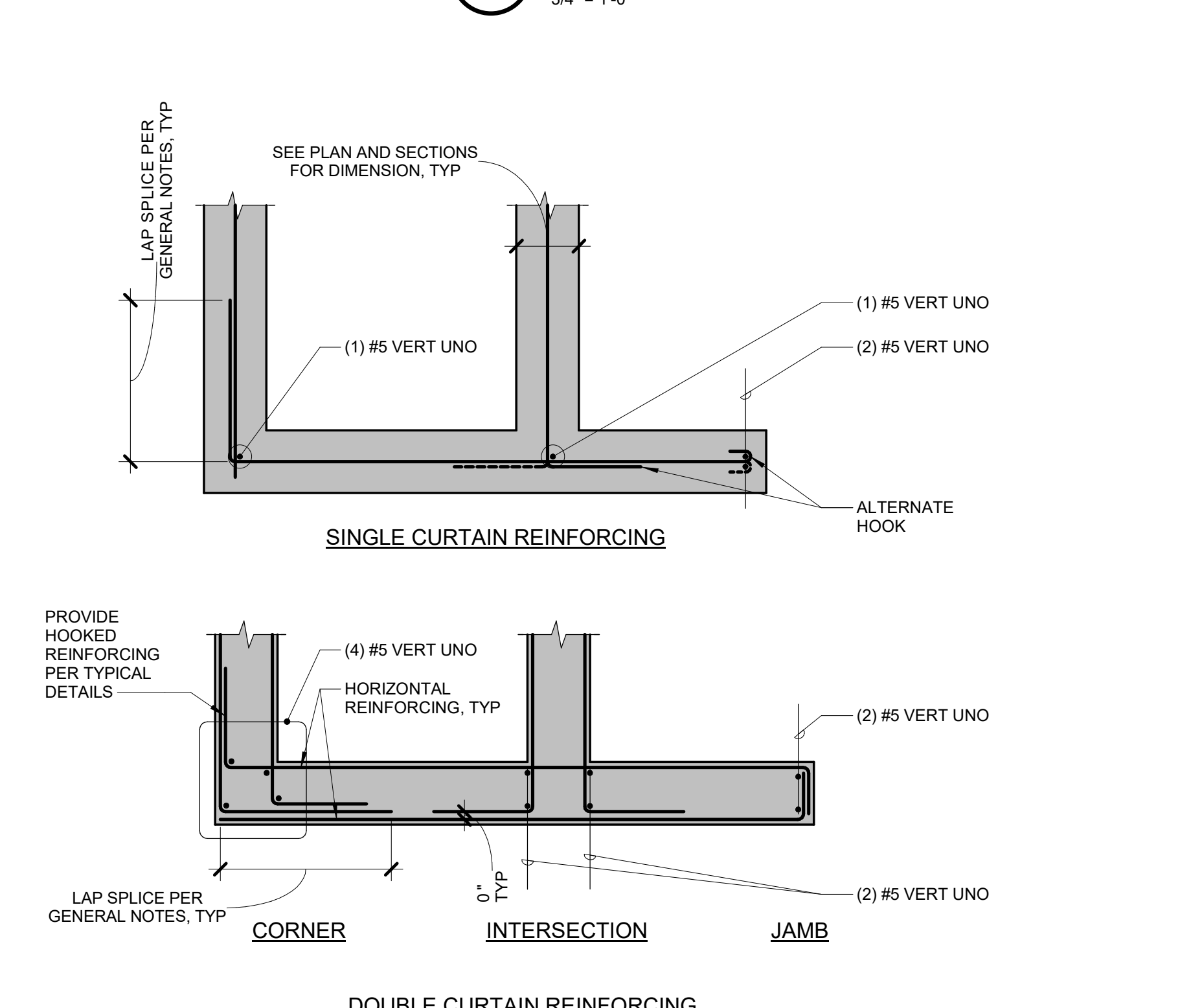
7 NEW DOOR ELEVATION
1/2" = 1'-0"



8 BASE PLATE DETAIL
1 1/2" = 1'-0"



9 SECTION DETAIL
3/4" = 1'-0"



10 WALL CORNER BAR DETAILS
3/4" = 1'-0"

- KEYNOTES:
1. MAKE 2" VENT CONNECTION TO EXISTING VENT. CONTRACTOR TO FIELD VERIFY EXACT CONNECTION/TIE-IN LOCATION.
 2. 3/4"ODW AND 3/4"ODHW UP.
 3. PROVIDE FLEX CONNECTIONS AND SEAL AROUND PIPES WHERE PIPE(S) PENETRATE RETURN AIR PLENUM.
 4. ELEVATOR PIT SUMP PUMP: SEE DETAIL 197.1
 5. MAKE 4"W CONNECTION TO EXISTING. FIELD VERIFY EXACT TIE-IN LOCATION.
 6. MAKE 1/2"SCW CONNECTION TO HUMIDIFIER. PROVIDE CHECK VALVE AND SHUTOFF VALVE. SEE MECH. DWGS FOR ADDITIONAL REQUIREMENTS.
 7. PROVIDE PIPE SEALS, TO MAINTAIN MOISTURE BARRIER, ON ALL PIPE PENETRATIONS AT CEILING OF PIANO STORAGE ROOM 0101
 8. EXTEND SUMP PUMP (SP-2) DISCHARGE TO EXISTING JAN SINK
 9. MAKE 3"DCW CONNECTION TO EXISTING WATER SERVICE. PROVIDE FULL-PORT SHUTOFF VALVE ON NEW 3"DCW.
 10. MAKE 1" DRW CONNECTION TO EXISTING DHW AND 3/4"DRHW CONNECTION TO EXISTING RHW. PROVIDE SHUTOFF VALVES AT NEW CONNECTIONS AND RE-INSULATE EXISTING PIPING PER SPECIFICATION REQUIREMENTS.
 11. BALANCE TO 210 GPM.
 12. EXISTING DOMESTIC HOT WATER RECIRC. PUMP.
 13. PROVIDE BRD FIVE-SIDED NOISE ENCLOSURE HUSH FLEX SYSTEM OR EQUAL AROUND PUMP SKID (PUMPS AND MOTORS) CONSISTING OF FLEXIBLE SOUND BARRIER MATERIAL SUPPORTED BY METAL FRAME. DO NOT DIRECTLY WRAP THE EQUIPMENT.
 14. MOUNT (SP-2) EQUIPMENT SKID ON TYPE M-2 ELECTROMETRIC ISOLATORS THAT HAVE A MINIMUM 0.35 STATIC DEFLECTION. SEE MECHANICAL SPEC SECTION FOR ADDITIONAL INFORMATION.
 15. PROVIDE VIBRATION ISOLATION FOR ALL NEW PIPING CONNECTED TO DWB-1 WITH ELECTROMETRIC HANGERS SIZED AND SELECTED FOR MINIMUM 0.30 STATIC DEFLECTION. TYPE H-2 IN MECHANICAL SPECIFICATION SECTION. FLEXIBLE CONNECTION OF THE PIPING TO THE PUMP IS NOT REQUIRED.

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 5454 Cass Ave
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Contractor: Walbridge
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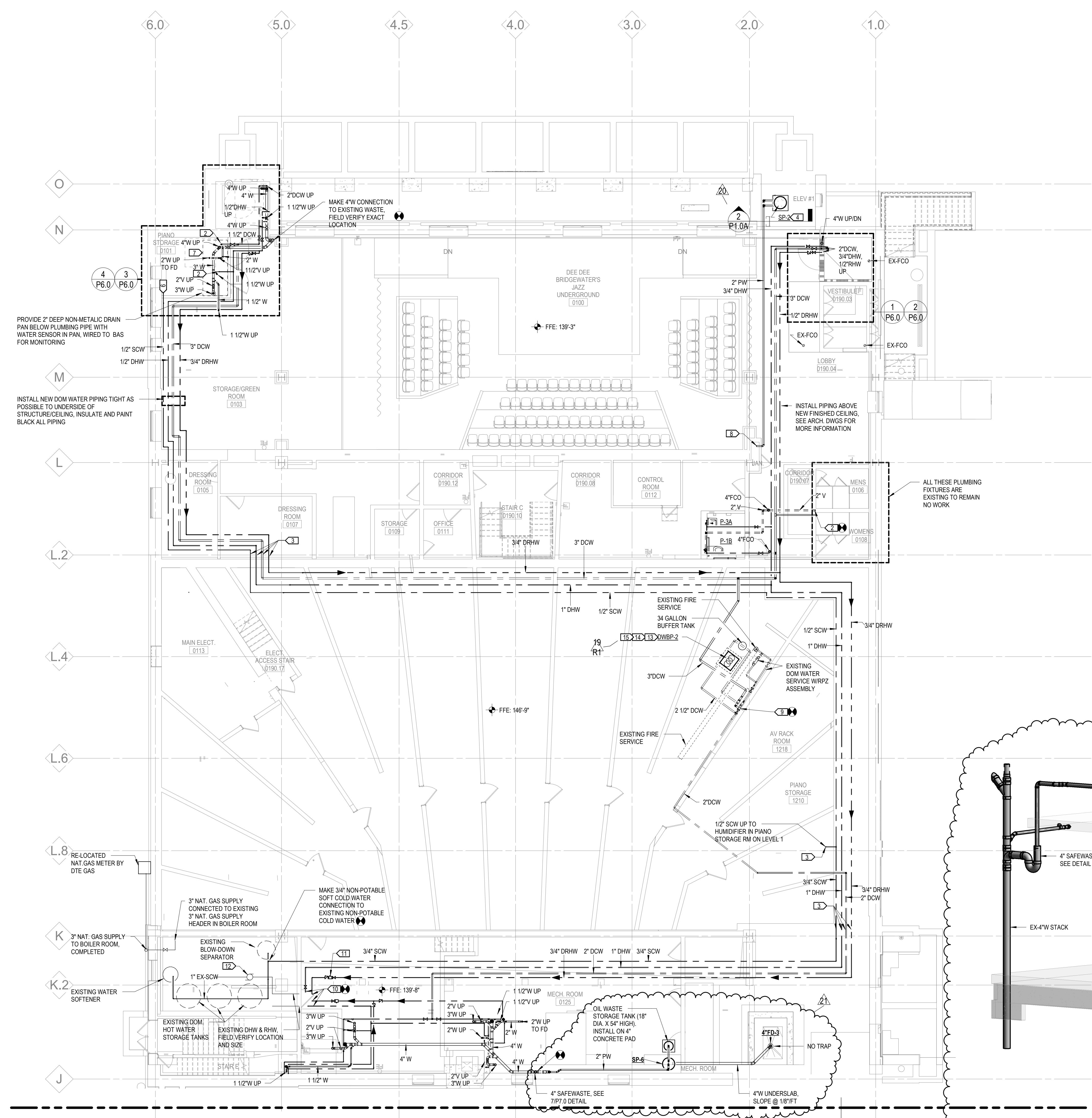
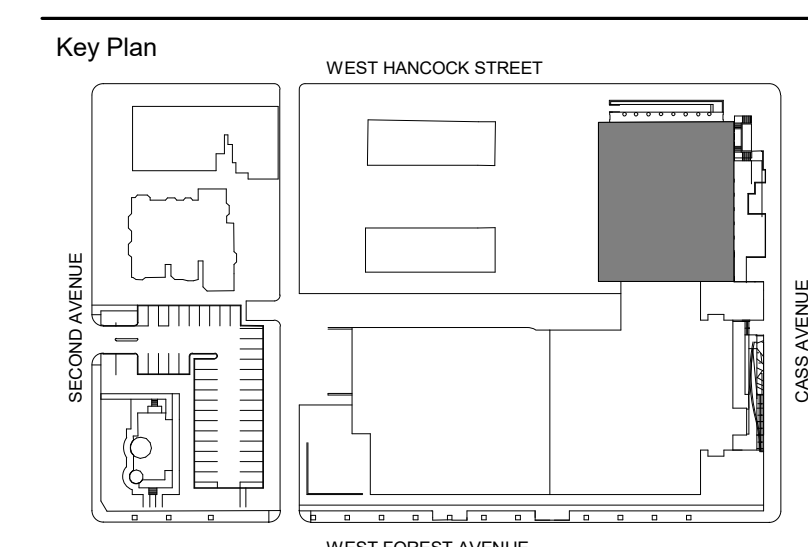
Landscape Architect: Hamilton Anderson
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Theatrical: Auerbach Pollock Friedlander
 285 West 37th Street
 New York, NY 10018
 212.764.5630

Lighting: Auerbach Glasow
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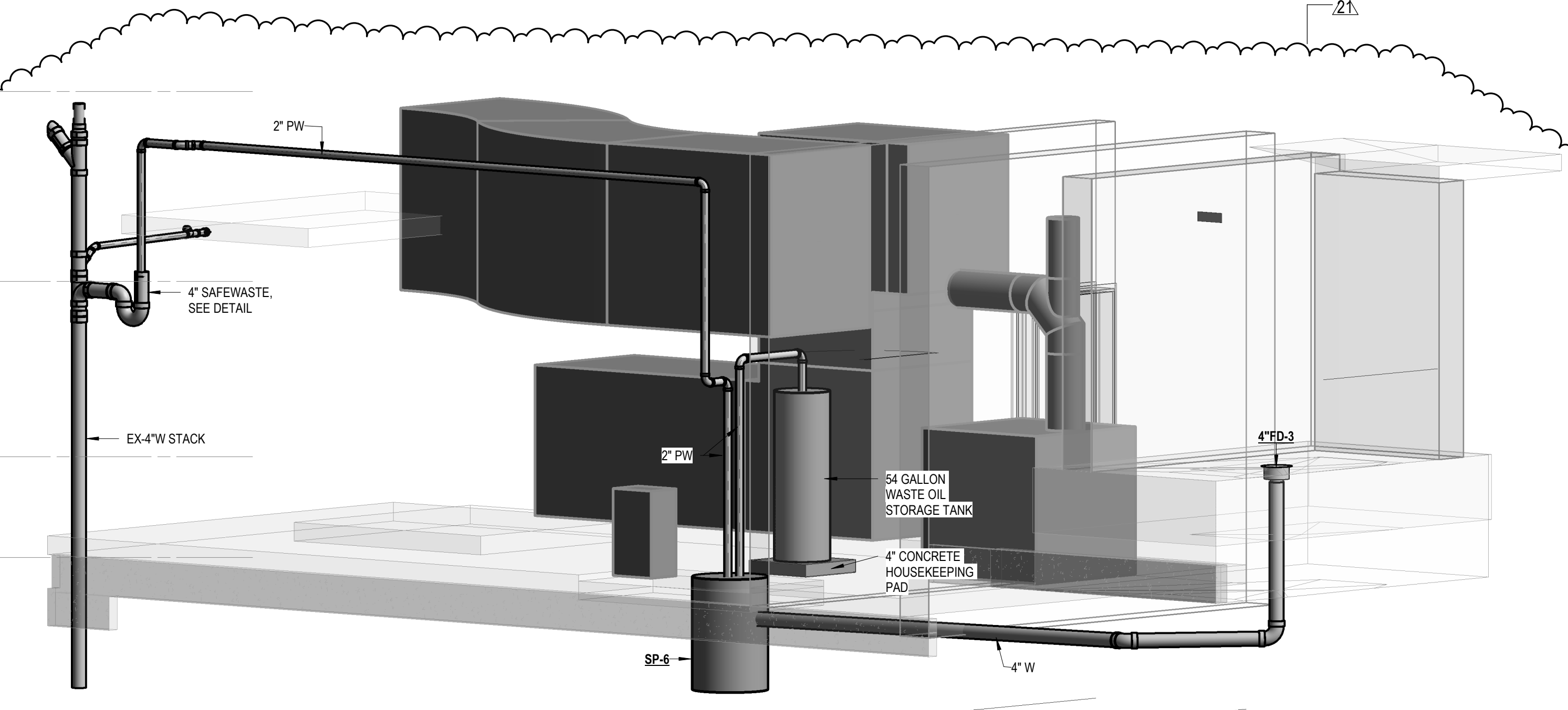
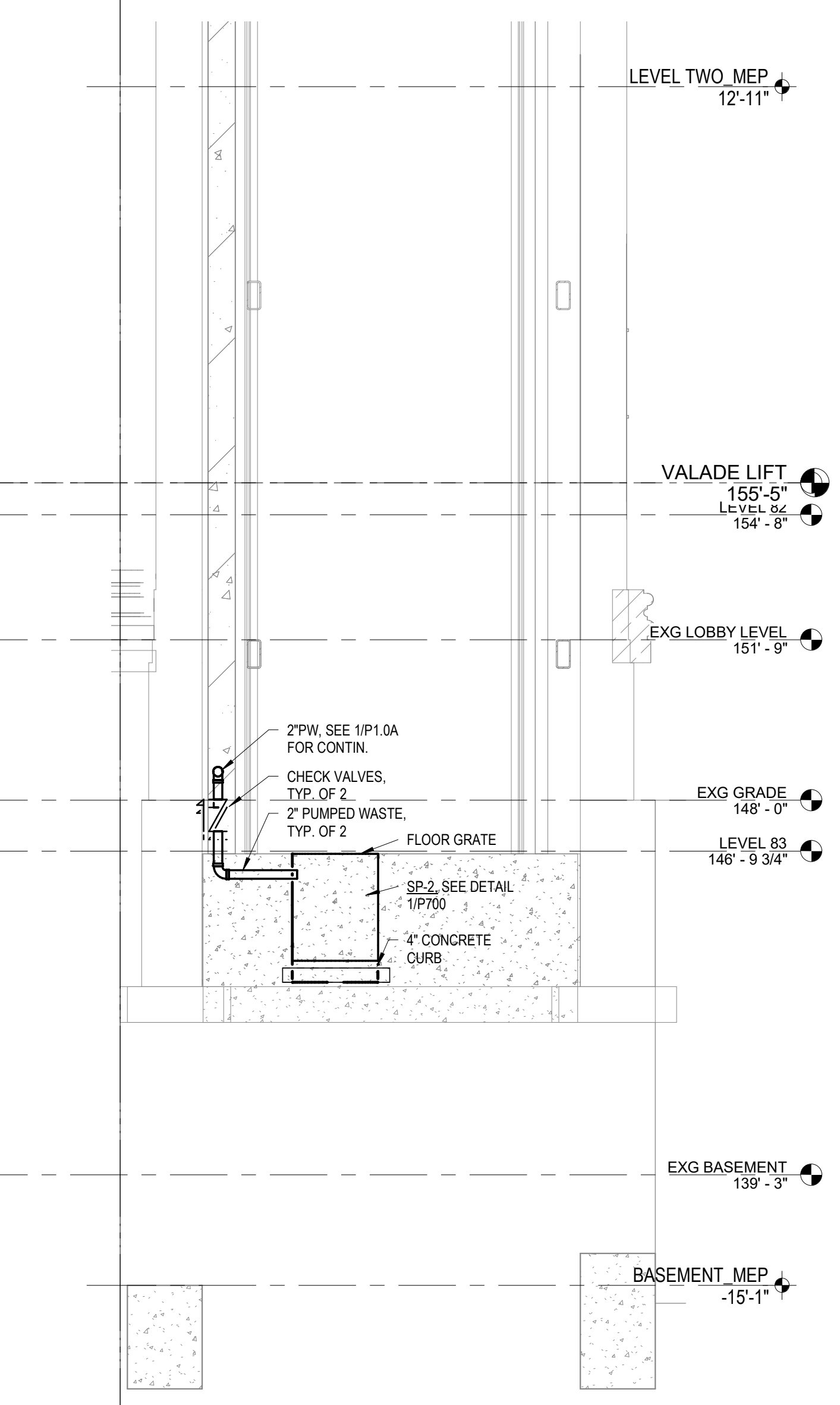
Acoustics / AV: Jaffe Holden
 114-A Washington Street
 Norwalk, CT 06864
 203.838.4168

DETROIT, MI



1 LOWER LEVEL PLAN - SECTOR A - PLUMBING
 1/8" = 1'-0"

2 PLUMBING SECTION THRU ELEVATOR - SUMP PUMP SP-2
 3/8" = 1'-0"



3 LOADING DOCK LIFT SUMP PUMP SYSTEM SP-6
 NTS

BULLETIN 21 BP4 DOCKLIFT	FEB 18, 2024
BULLETIN 20	JAN 5, 2024
BULLETIN 19 R1 BP4 2023-10-25	OCT 25, 2023
BULLETIN 19 BP4 2023-09-29	SEPT 29, 2023
BULLETIN 06-BP4 2020-10-0	NOV 6, 2020
PERMIT SET	JUNE 29, 2020

Project

WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
 Drawing Title
LOWER LEVEL PLAN - SECTOR A - PLUMBING

Project Number: 3995-001-00
 Drawn By: JAH
 Scale: As indicated
 Seal:



Signature:
 Drawing No:

P1.0A

Owner: Wayne State University FP&M
 5454 Cass Ave
 Detroit, MI 48202
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Structural Engineer: DESI / NASR Consulting Engineers
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Civil Engineer: Spalding DeDecker
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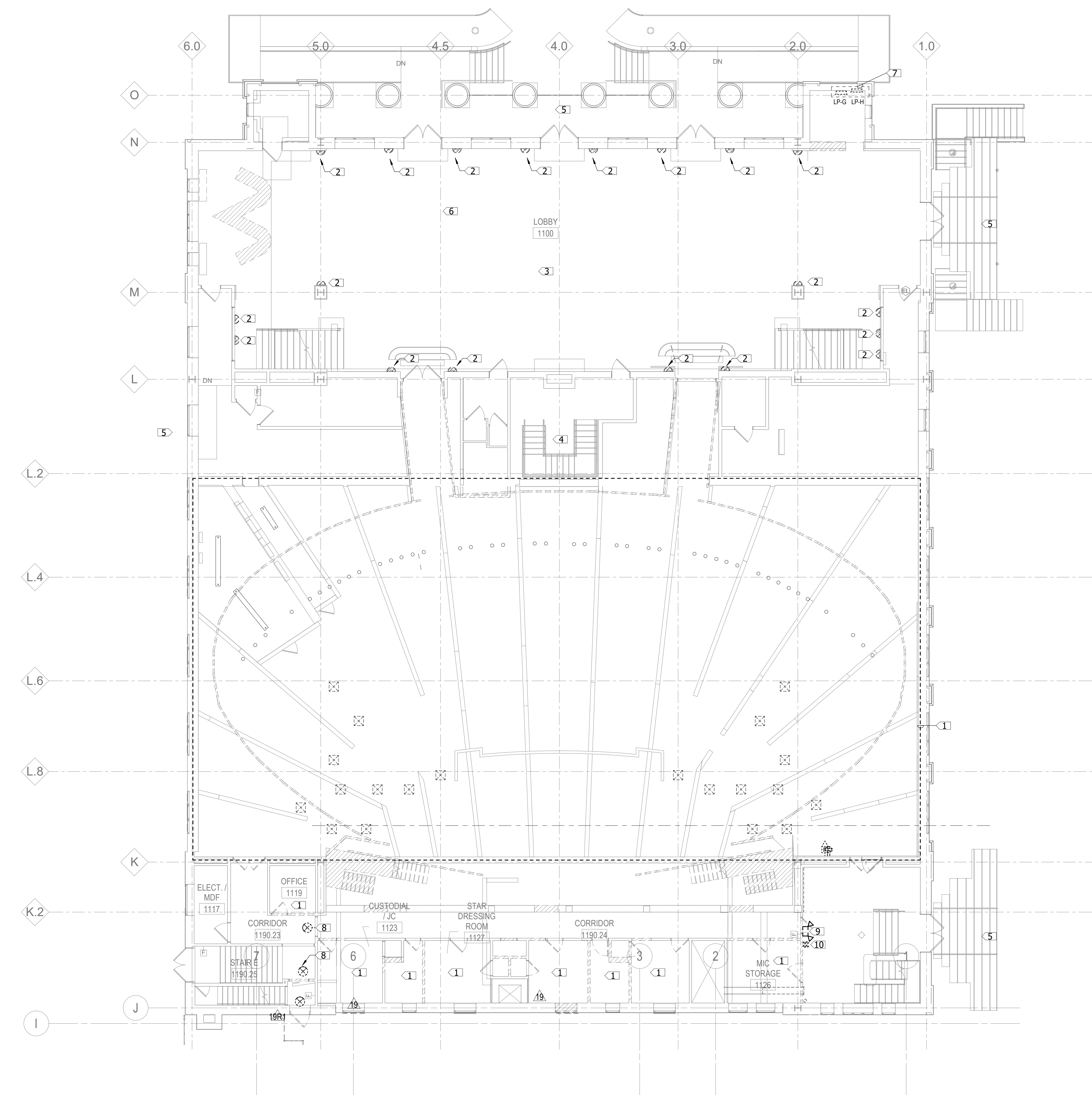
4743 Cass Ave., Detroit, MI 48202

VALADE DEMOLITION GENERAL NOTES:

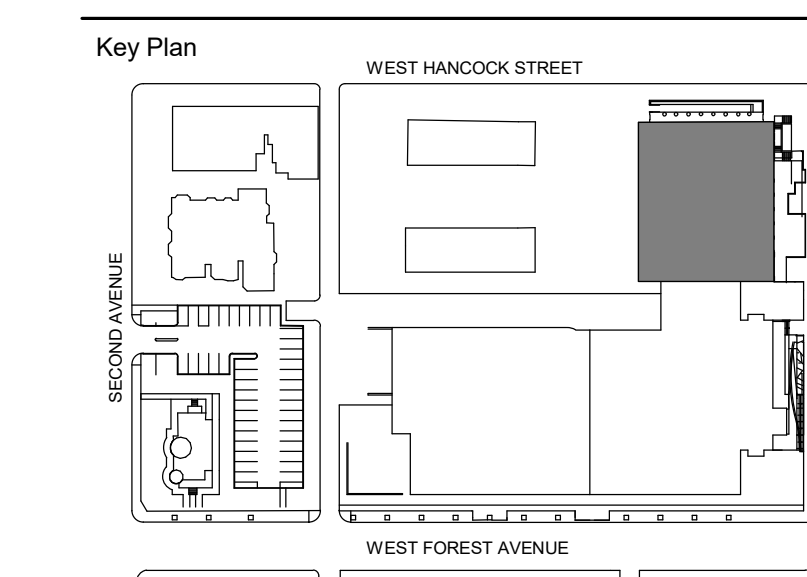
- A. EXISTING EQUIPMENT INFRASTRUCTURE TO REMAIN UNLESS NOTED OTHERWISE.
- B. EXISTING ELECTRICAL EQUIPMENT RECEPTACLES, FIRE ALARM AND TELECOMMUNICATION SYSTEMS TO REMAIN UNLESS NOTED OTHERWISE.
- C. EXISTING FIRE ALARM SYSTEM TO REMAIN UNLESS NOTED OTHERWISE. ELECTRICAL CONTRACTOR SHALL MAINTAIN CIRCUIT CONTINUITY THROUGHOUT CONSTRUCTION.
- D. REFER TO SECURITY CONSULTANT DRAWING FOR SECURITY SYSTEM DEMOLITION REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CABLING DEMOLITION BACK TO SOURCE.

KEYNOTES:

1. ELECTRICAL CONTRACTOR SHALL DEMO ALL ELECTRICAL DEVICES, CONDUIT, AND ASSOCIATED WIRING IN THIS AREA BACK TO SOURCE UNLESS NOTED OTHERWISE.
2. ELECTRICAL CONTRACTOR SHALL SALVAGE AND REMOVE EXISTING SCONCES AND RETURN TO OWNER.
3. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING BRANCH CIRCUITING WITHIN THIS AREA UNLESS NOTED OTHERWISE.
4. ELECTRICAL CONTRACTOR SHALL DISCONNECT AND MAKE SAFE THE LULA LOCATED IN STAIRWELL.
5. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING EXTERIOR LIGHT FIXTURES AND MAINTAINING BRANCH CIRCUITING AND CONTROLS FOR EXTERIOR LIGHTING.
6. EXISTING CHANDELIERS TO BE RELOCATED. ELECTRICAL CONTRACTOR SHALL INTERCEPT EXISTING BRANCH CIRCUITING AND EXTEND TO NEW LOCATIONS SHOWN ON E2.1A. NO EXPOSED JUNCTION BOXES ARE TO REMAIN IN EXISTING LOCATIONS.
7. RELOCATE EXISTING POWER PANELS TO NEW LOCATION. SEE SHEET E3.1A FOR NEW PANEL LOCATION.
8. REMOVE EXISTING EXIT SIGN.
9. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE AND REINSTALL AS INDICATED ON NEW WORK SHEET.
10. REMOVE EXISTING SWITCHES AND RELOCATE AS INDICATED ON NEW WORK PLAN. MAINTAIN CONTINUITY OF EXISTING SWITCH LEGS AS REQUIRED FOR SWITCHES TO BE OPERATIONAL WHEN RELOCATED.



1 LEVEL ONE DEMOLITION PLAN - SECTOR A
 1/8" = 1'-0"



BULLETIN 19 R1 BP4 2023-10-25	OCT 25, 2023
BULLETIN 19	SEPT 29, 2023
PERMIT SET	JUNE 29, 2020

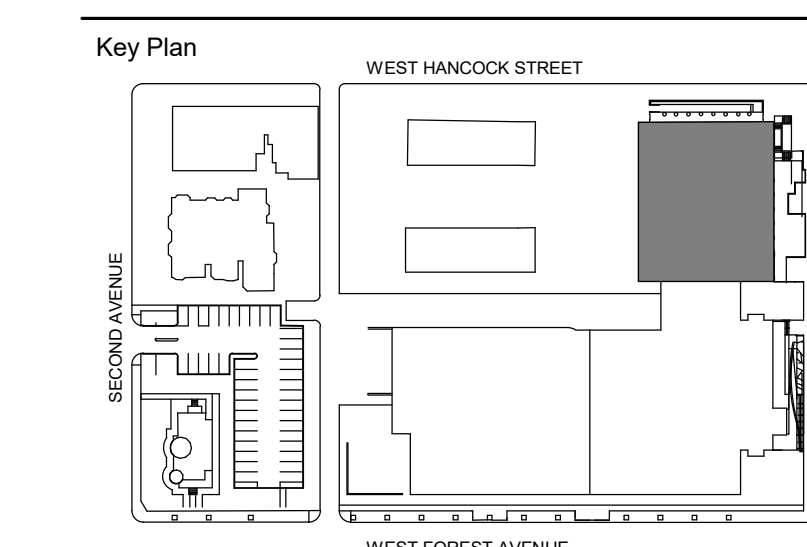
Project
WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
 Drawing Title
LEVEL ONE DEMOLITION PLAN - SECTOR A

Project Number: 3995-001-00
 Drawn By: B GUTIERREZ
 Scale: 1/8" = 1'-0"
 Seal:

Signature:
 Drawing No:

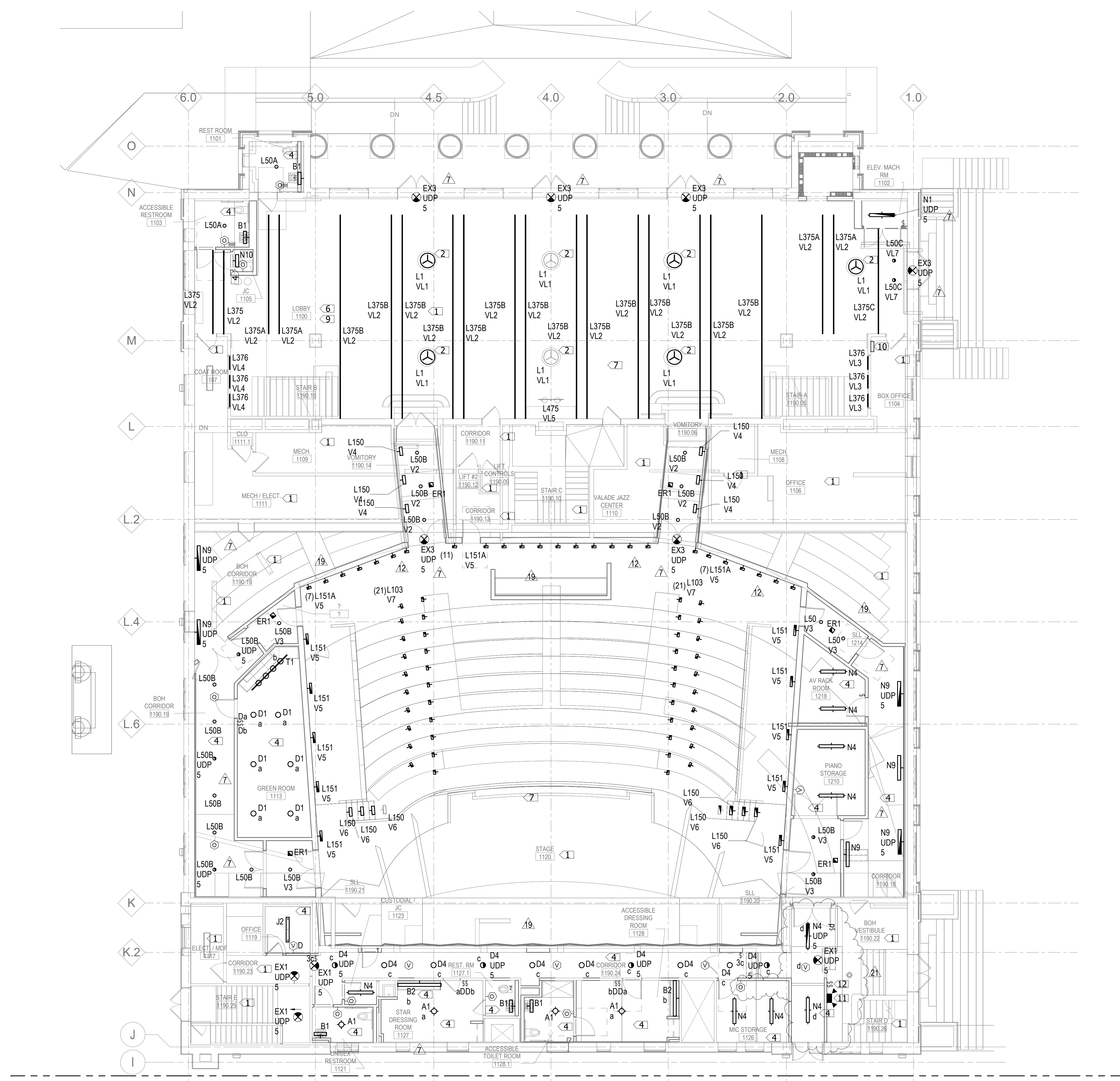
Owner	Wayne State University FP&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
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Acoustics / AV	Jaffe Holden 114-A Washington Street Norwalk, CT 06864 203.838.4168

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- GENERAL NOTES**
- COORDINATE EGRESS LIGHTING AND EXIT REQUIREMENTS WITH ARCHITECTURAL LIFE SAFETY PLANS.
 - COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF LUMINAIRES IN MECHANICAL ROOMS WITH DUCTS, PIPES, SPRINKLERS AND EQUIPMENT. MOUNT LUMINAIRES BELOW DUCTS AND PIPES AND DO NOT MOUNT LUMINAIRES OVER EQUIPMENT. SUPPORT LUMINAIRES INDEPENDENTLY OF DUCTS, PIPES, AND EQUIPMENT. CONTRACTOR SHALL COORDINATE WORK OF ALL TRADES INVOLVED IN THE CEILING TO ENSURE NECESSARY CLEARANCES FOR FIXTURES, DUCTS, PIPING, CABLE TRAYS, AND CEILING SUSPENSION COMPONENTS. MAINTAIN A NEAT AND ORDERLY APPEARANCE.
 - REFER TO EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR WALL MOUNTED FIXTURES.
 - CONDUIT AND WIRING MAY NOT BE SHOWN GRAPHICALLY ON THE PLANS. PROVIDE COMPLETE CONDUIT AND WIRING BASED ON IDENTIFICATION OF CIRCUIT NUMBERS, RELAY NUMBERS, AND SWITCHING IDENTIFICATION.
 - WHERE OCCUPANCY AND VACANCY SENSORS ARE SHOWN, PROVIDE APPROPRIATE TYPES AND QUANTITIES OF SENSORS TO ACCOMMODATE ROOM GEOMETRY. REFER TO SPEC SECTION 260523 FOR DETAILS. INSTALL OCCUPANCY AND VACANCY SENSORS AT LOCATIONS RECOMMENDED BY MANUFACTURER. SEE OCCUPANCY AND VACANCY SENSOR SHOP DRAWINGS FOR REFERENCE.

- KEYNOTES**
- EXISTING LIGHTING AND CONTROLS TO REMAIN.
 - RELOCATED EXISTING DECORATIVE PENDANT. RELOCATE LUMINAIRE SUPPORT AND JUNCTION BOX AS REQUIRED SO THAT FIXTURE IS CENTERED BETWEEN NEW LIGHT COVES. CLEAN AND RE-LAMP FIXTURE WITH LED REPLACEMENT LAMPS INDICATED ON LUMINAIRE SCHEDULE. CONTRACTOR SHALL REVIEW CONDITION OF EXISTING LIGHT FIXTURE PRIOR TO CLEANING AND RELAMPING. CONFIRM THAT EXISTING FIXTURE WIRING, BODY AND LENSES ARE IN ACCEPTABLE CONDITION. IF FIXTURES REQUIRE ADDITIONAL WORK TO BRING THEM TO ACCEPTABLE CONDITION, NOTIFY OWNER IMMEDIATELY.
 - CLEAN AND RELAMP EXISTING POLE LIGHT. REPLACE GLOBE DIFFUSER. CONTRACTOR TO VERIFY LIGHT IS CONNECTED TO EMERGENCY POWER FOR EGRESS ILLUMINATION.
 - CONNECT NEW LIGHTING IN THIS SPACE TO EXISTING 120V NORMAL LIGHTING CIRCUITS SERVING SPACE.
 - NOT USED
 - CONTRACTOR SHALL REMOVE, CLEAN AND STORE EXISTING LOBBY SCONCE LIGHT FIXTURES (NOT SHOWN ON PLAN). FIXTURES TO BE RETAINED AND TURNED OVER TO THE UNIVERSITY.
 - CONNECT ALL FIXTURES WITH V## SWITCH LEG DESIGNATION IN THIS ROOM/AREA TO THEATRICAL & ARCHITECTURAL LIGHTING CONTROLLED BREAKER PANEL 'TRP-3' OR DIMMER RACK 'DR-B'. REFER TO THEATRICAL LIGHTING SHEET FOR SCHEDULES AND CONTROL INFORMATION.
 - INSTALL FIXTURE ON EXISTING OUTLET BOX AND CONNECT TO EXISTING CIRCUIT.
 - CONNECT ALL FIXTURES WITH VL## SWITCH LEG DESIGNATION IN THIS ROOM/AREA TO RELAY PANEL 'LCP-VL1'. REFER TO SHEET E5.7 FOR RELAY SCHEDULE.
 - PROVIDE LIGHTING CONTROL TOUCHSCREEN, 'VL-TSC', IN BOX OFFICE FOR LOBBY, ETC ECHO OR SIMILAR APPROVED MANUFACTURER. TOUCHSCREEN SHALL BE 7" WIDE OR LARGER.
 - RELOCATE EXISTING EMERGENCY FIXTURE TO THIS LOCATION.
 - RELOCATE EXISTING SWITCHES SERVING BOH VESTIBULE LIGHTING TO THIS LOCATION.



BULLETIN 21	FEB. 18, 2024
BULLETIN 19	SEPT. 29, 2023
BULLETIN 12-BP4 2021-08-13	AUG. 13, 2021
BULLETIN 07-BP4 2021-04-16	APRIL 16, 2021
BULLETIN 06-BP4 2020-11-06	NOV. 6, 2020
PERMIT SET	JUNE 29, 2020

Project
WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
 Drawing Title
LEVEL ONE LIGHTING PLAN - SECTOR A

Project Number: 3995-001-00
 Drawn By: B GUTIERREZ
 Scale: 1/8" = 1'-0"
 Seal:

Signature:
 Drawing No:
E2.1A

1 LEVEL ONE LIGHTING PLAN - SECTOR A
 1/8" = 1'-0"

VALADE POWER GENERAL NOTES:

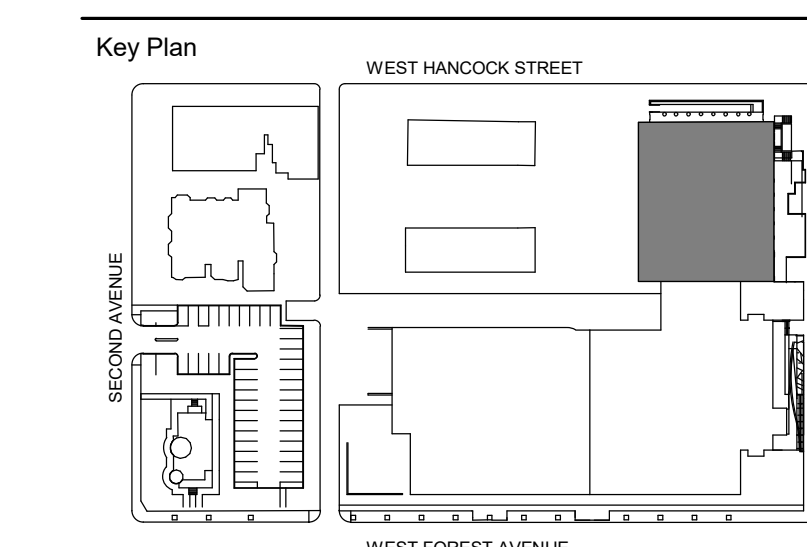
- A. EXISTING DEVICES TO REMAIN UNLESS NOTED OTHERWISE.

KEYNOTES:

1. EXTEND THEATRICAL BRANCH CIRCUITING TO NEW DIMMER RACK LOCATION. VERIFY CONDITION OF EXISTING CONDUCTORS JACKETS AND RACEWAY FILL. RACEWAY FILL SHALL BE NO GREATER THAN 20% TOTAL CROSS SECTIONAL AREA PER NEC CODE.
2. ELEVATOR LIFT MOTOR AND LIFT CONTROLS.
3. RECEPTACLE TO BE MOUNTED IN AV BACK BOX.
4. PROVIDE PILOT LIGHT TO INDICATE POWER STATUS OF DRESSING ROOM COUNTERTOP RECEPTACLES AND LIGHT FIXTURES.
5. ALL DRESSING ROOM TABLE RECEPTACLE TO BE 36" AFF AND LIGHT FIXTURES TO 72" AFF BOTH WILL BE WIRED TO PILOT LIGHT OUTSIDE OF ROOMS.
6. PROVIDE (14) ISOLATED GROUND CIRCUITS FROM PANEL TDDP-3 FOR AV RACK. (8) CIRCUITS SHALL BE 120V, 20A. (6) CIRCUITS SHALL BE 120V, 30A.
7. EXISTING 40 TON EXTERIOR CONDENSING UNIT TO BE TEMPORARILY RELOCATED DURING NEW BUILDING CONSTRUCTION. REFEED ELECTRICAL CONNECTIONS TO UNIT AS NECESSARY AND COORDINATE WITH MECHANICAL CONTRACTOR. RACEWAY PATH FOR NEW CHILLER LOCATION SHALL FOLLOW CHILLER PIPING.
8. PROVIDE 120V EMERGENCY CONNECTION FOR FIRE SMOKE DAMPER.
9. RE-ROUTE EXISTING WIRE MOLD AROUND NEW DOOR OPENING.

Owner	Wayne State University FP&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
Contractor	Walbridge 777 Woodward Ave, Suite 300 Detroit, MI 48202 313.963.8000
Executive Architect	Hamilton Anderson 1435 Randolph Street, Suite 200 Detroit, MI 48226 313.964.0270
Design Architect	HGA 420 5th Street N, Suite 100 Minneapolis, MN 55401 612.758.4000
MEP Engineer	HGA 420 5th Street N, Suite 100 Minneapolis, MN 55401 612.758.4000
Structural Engineer	DESI / NASR Consulting Engineers 6765 Daly Road West Bloomfield, MI 48322 248.392.2010
Civil Engineer	Spalding DeDecker 905 South Blvd East Rochester Hills, MI 48307 800.598.1600
Landscape Architect	Hamilton Anderson 1435 Randolph Street, Suite 200 Detroit, MI 48226 313.964.0270
Theatrical	Auerbach Pollock Friedlander 286 West 37th Street New York, NY 10018 212.764.5630
Lighting	Auerbach Glasow 1045 Sansome Street, Suite 300 San Francisco, CA 94111 415.392.7528
Acoustics / AV	Jaffe Holden 114-A Washington Street Norwalk, CT 06864 203.638.4188

4743 Cass Ave., Detroit, MI 48202



BULLETIN 21	FEB 18, 2024
BULLETIN 20	JAN 5, 2024
BULLETIN 19 R1 BP4 2023-10-25	OCT 25, 2023
BULLETIN 19	SEPT 29, 2023
BULLETIN 05- BP4 2020-10-02	OCT 2, 2020
PERMIT SET	JUNE 29, 2020

**WSU - GATEWAY
 THEATER COMPLEX**
 WSU PROJECT NO. 189-178578
 Drawing Title
**LEVEL ONE POWER
 PLAN - SECTOR A**

Project Number: 3995-001-00

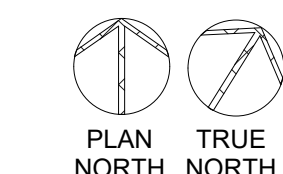
Drawn By: B GUTIERREZ

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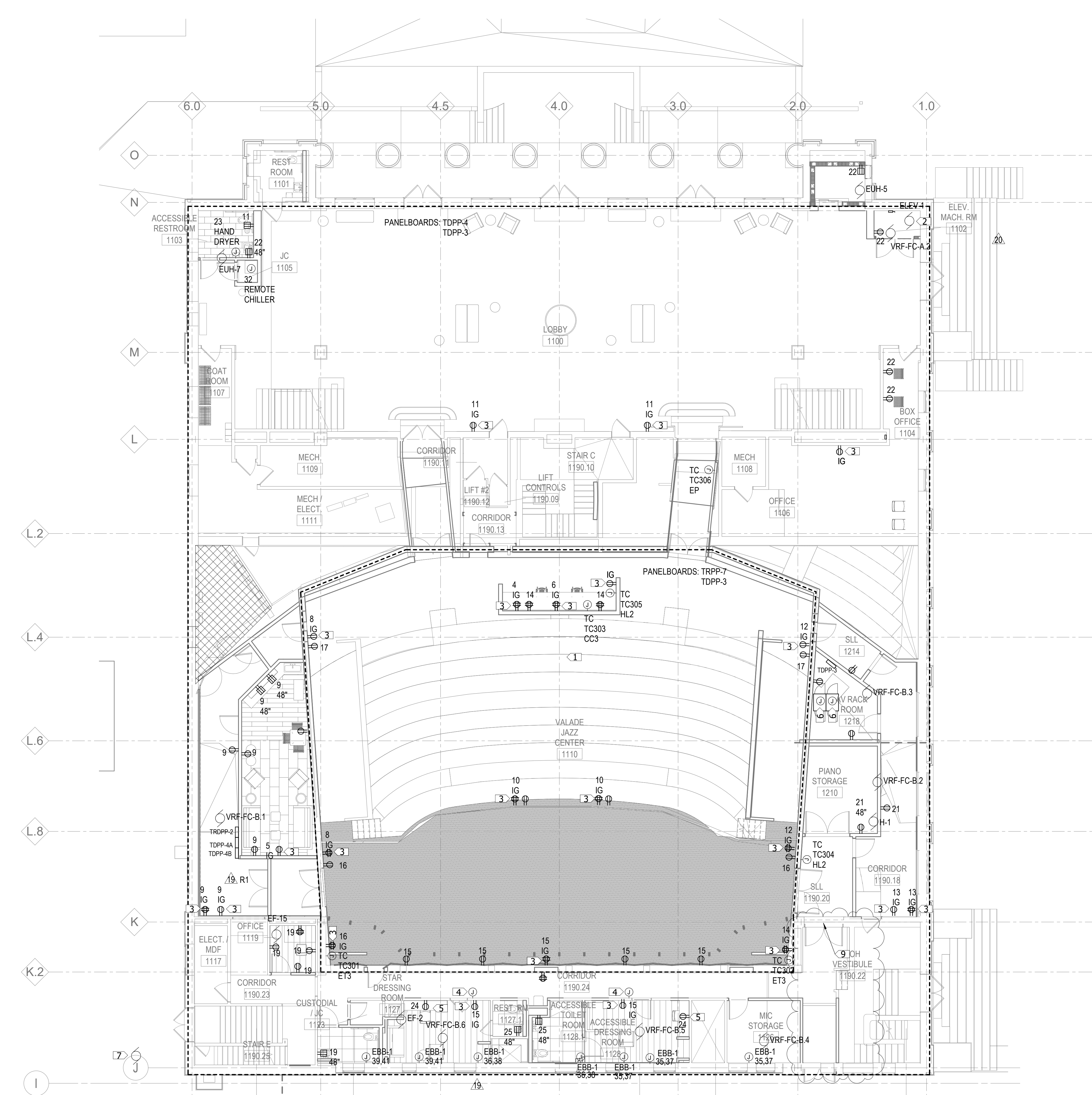
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Signature:

Drawing No:



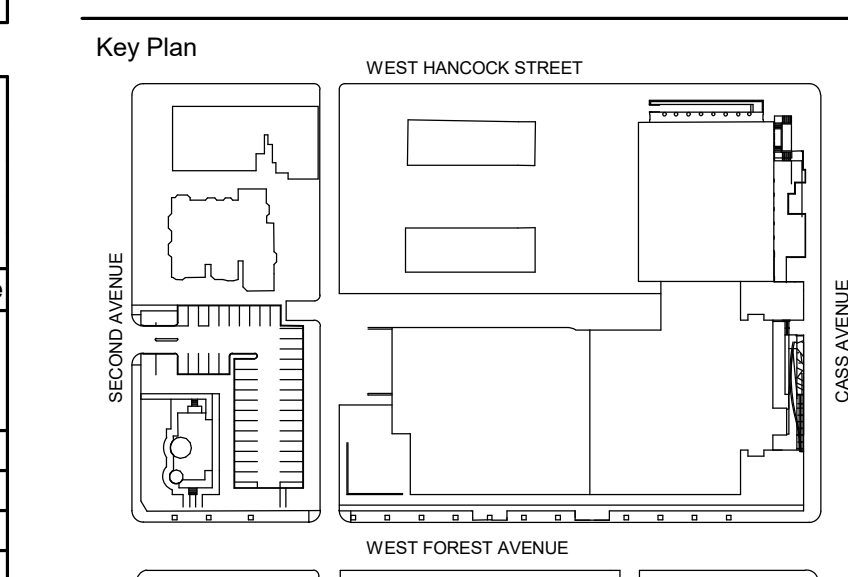
E3.1A



1 LEVEL ONE POWER PLAN - SECTOR A
 1/8" = 1'-0"



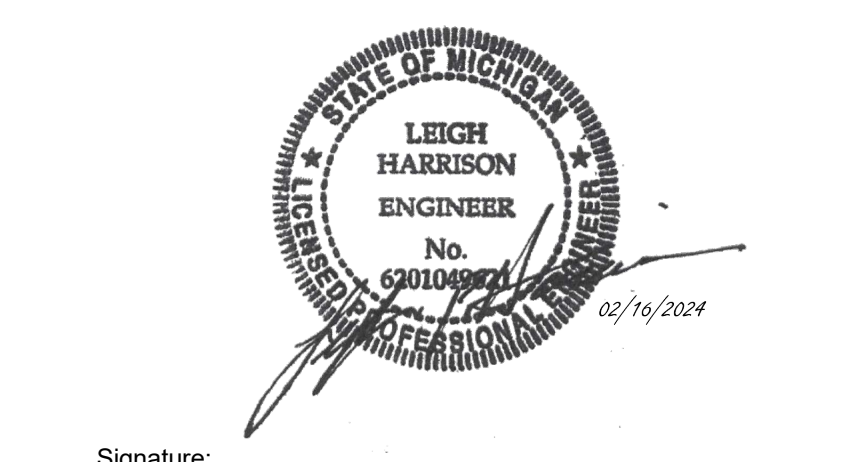
Owner: Wayne State University... Contractor: Walbridge... Executive Architect: Hamilton Anderson... Design Architect: HGA... MEP Engineer: HGA... Structural Engineer: DESI / NASR Consulting Engineers... Civil Engineer: Spalding DeDecker... Landscape Architect: Hamilton Anderson... Theatrical: Auerbach Pollock Friedlander... Lighting: Auerbach Glasow... Acoustics / AV: Jaffe Holden



BULLETIN 21 FEB 18, 2024... BULLETIN 19 R1 BP4 2023-10-25 OCT 25, 2023... BULLETIN 19 SEPT 28, 2023... BULLETIN 07-BP4 2021-04-16 APRIL 16, 2021... BULLETIN 05-BP4 2020-10-02 OCT 2, 2020... PERMIT SET JUNE 29, 2020

WSU - GATEWAY THEATER COMPLEX WSU PROJECT NO. 189-178578 Drawing Title: ELECTRICAL PANEL SCHEDULE

Project Number: 3995-001-00 Drawn By: B GUTIERREZ Scale: 1"=1'-0" Seal: Signature: Date: 02/16/2024



Panel: DPP-3 Location: Distribution System: 208/120V A.I.C Rating: 42KAIC Mains Type: MLO Mains Rating: 800 A MCB Rating: MLO

Panel: TDPP-4A Location: Distribution System: 208/120V A.I.C Rating: 22KAIC Mains Type: MCB Mains Rating: 200 A MCB Rating: 200 A

Panel: TDPP-3 Location: Distribution System: 208/120V A.I.C Rating: 10KAIC Mains Type: MLO Mains Rating: 225 A MCB Rating: MLO

Panel: TRDPP-2 Location: Distribution System: 208/120V A.I.C Rating: 22KAIC Mains Type: MLO Mains Rating: 400 A MCB Rating: MLO

Panel: TRPP-7 Location: Distribution System: 208/120V A.I.C Rating: 10KAIC Mains Type: MCB Mains Rating: 200 A MCB Rating: 200 A

Panel: TDPP-4B Location: Distribution System: 208/120V A.I.C Rating: 22KAIC Mains Type: MCB Mains Rating: 200 A MCB Rating: 200 A

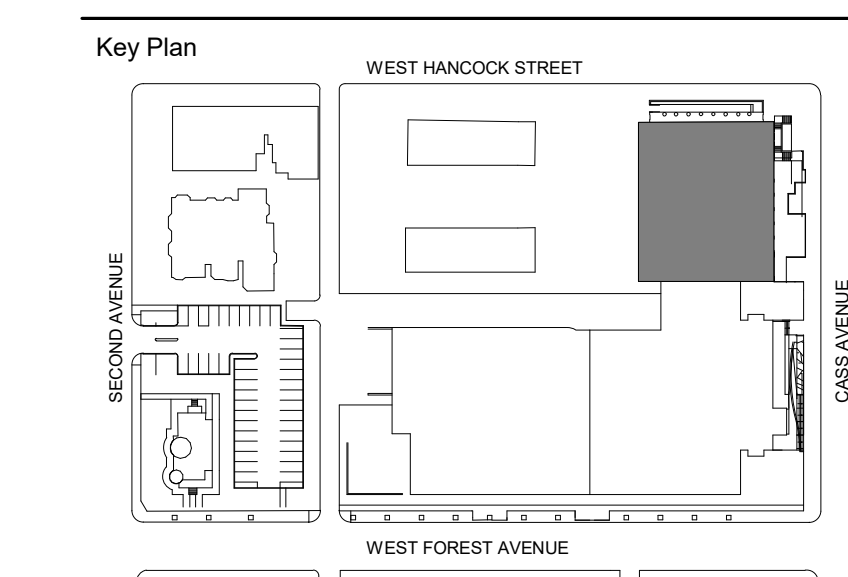
Panel: UDP Location: Distribution System: 208/120V A.I.C Rating: 10 KAIC Mains Type: MCB Mains Rating: 100 A MCB Rating: 100 A

PANEL: TDPP-1 Location: Distribution System: 208/120V A.I.C Rating: 10KAIC Mains Type: MLO Mains Rating: 600 A MCB Rating: MLO

Panel: TDPP-3 Location: Distribution System: 208/120V A.I.C Rating: 10KAIC Mains Type: MLO Mains Rating: 225 A MCB Rating: MLO

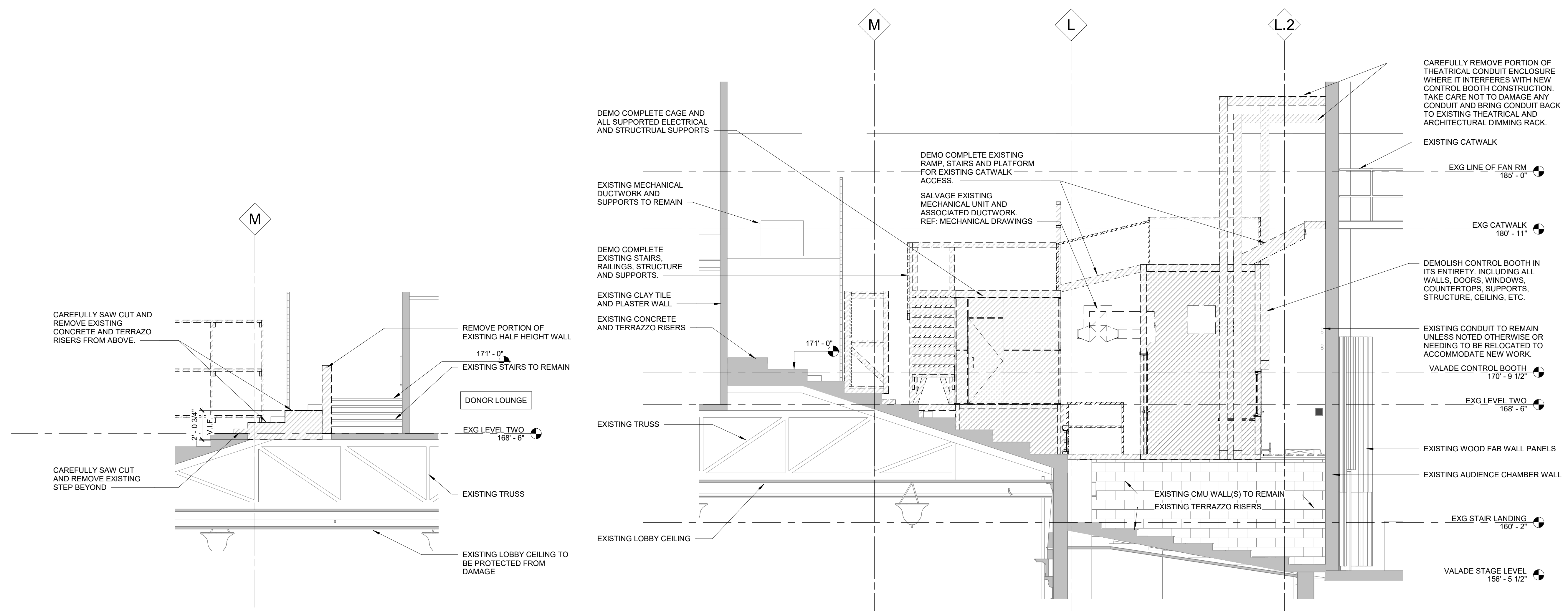
MECHANICAL EQUIPMENT SCHEDULE																							
TAG	LOCATION	EMERGENCY POWER	HP	KW	FLA	MCA	OCP	VOLTAGE	PHASE	LOAD	PANEL	CIRCUIT #	CONDUIT AND WIRE	DISCONNECT FURNISHED	DISCONNECT SIZE	VSD	STARTER SIZE	VSD OR STARTER RESPONSIBILITY			START-STOP CONTROL DEVICE	OTHER EQUIPMENT INTERLOCKS / REMARKS	
																		FURNISHED	INSTALLED	WIRED			
AIR COMPRESSOR																							
AC-1	TOOL SHOP	No	15	48.3		70		208 V	3	17459 VA	EQPP-1	54,56,58	1 1/4"C, 3#4, 1#8G	DIV 26	30A NF	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
AIR HANDLING UNIT																							
AHU-1	HILBERRY MECH	No			82	90		208 V	3	23616 VA	MDPP-1	1	1 1/4"C, 3#2, 1#8G	W/VSD	W/VSD	W/EQUIP	-	DIV 23	DIV 26	DIV 26	BAS		
AHU-2 RF	HILBERRY MECH	No			107	125		208 V	3	30816 VA	MDPP-1	6	1 1/2"C, 3#1, 1#6G	W/VSD	W/VSD	W/EQUIP	-	DIV 23	DIV 26	DIV 26	BAS		
AHU-2 SF	HILBERRY MECH	No			57	80		208 V	3	16416 VA	MDPP-1	7	1 1/4"C, 3#3, 1#8G	W/VSD	W/VSD	W/EQUIP	-	DIV 23	DIV 26	DIV 26	BAS		
AHU-3	HILBERRY MECH	No			110	125		208 V	3	31680 VA	MDPP-1	2	1 1/2"C, 3#1, 1#6G	W/VSD	W/VSD	W/EQUIP	-	DIV 23	DIV 26	DIV 26	BAS		
AHU-4	ROOF	No			110	125		208 V	3	31680 VA	DPP-2	5	1 1/2"C, 3#1, 1#6G	W/VSD	W/VSD	W/EQUIP	-	DIV 23	DIV 26	DIV 26	BAS		
AHU-5	HILBERRY MECH	No			110	125		208 V	3	31680 VA	MDPP-1	3	1 1/2"C, 3#1, 1#6G	W/VSD	W/VSD	W/EQUIP	-	DIV 23	DIV 26	DIV 26	BAS		
AIR-COOLED CHILLER																							
ACC-1	UTILITY YARD	No			968	1000		208 V	3	278784 VA	MSB-2	2	(4) 3"C, 3#250, 1#210G	DIV 26	1000	-	-	DIV 23	DIV 26	DIV 26	BAS		
ACC-2	UTILITY YARD	No			968	1000		208 V	3	278784 VA	MSB-2	3	(4) 3"C, 3#250, 1#210G	DIV 26	1000	-	-	DIV 23	DIV 26	DIV 26	BAS		
BATTEN HOIST																							
BH-1	VALADE CATWALK	No	1.5	6.6	8.25	15		208 V	3	2376 VA	TRPP-7	2,4,6	3/4"C, 2#12, 1#12G	DIV 26	MSS	-	NEMA 00	DIV 23	DIV 26	DIV 26			
BH-2	VALADE CATWALK	No	1.5	6.6	8.25	15		208 V	3	2376 VA	TRPP-7	3,5,7	3/4"C, 2#12, 1#12G	DIV 26	MSS	-	NEMA 00	DIV 23	DIV 26	DIV 26			
BH-3	VALADE CATWALK	No	1.5	6.6	8.25	15		208 V	3	2376 VA	TRPP-7	8,10,12	3/4"C, 2#12, 1#12G	DIV 26	MSS	-	NEMA 00	DIV 23	DIV 26	DIV 26			
BH-4	VALADE CATWALK	No	1.5	6.6	8.25	15		208 V	3	2376 VA	TRPP-7	9,11,13	3/4"C, 2#12, 1#12G	DIV 26	MSS	-	NEMA 00	DIV 23	DIV 26	DIV 26			
BOILERS																							
B-1	WATER ROOM	Yes			13	16.25	20	120 V	1	1560 VA	SBPP	1	3/4"C, 2#12, 1#12G	DIV 26	MSS	-	-	-	-	-	BAS		
B-2	WATER ROOM	Yes			13	16.25	20	120 V	1	1560 VA	SBPP	2	3/4"C, 2#12, 1#12G	DIV 26	MSS	-	-	-	-	-	BAS		
B-3	WATER ROOM	Yes			13	16.25	20	120 V	1	1560 VA	SBPP	3	3/4"C, 2#12, 1#12G	DIV 26	MSS	-	-	-	-	-	BAS		
BOOSTER PUMP																							
DWBP-1	LOWER LEVEL WATER ROOM	No	3	10.6	13.25	30		208 V	3	8000 VA	MDPP-1	8	3/4"C, 3#12, 1#12G	W/EQUIP	W/EQUIP	W/EQUIP	-	DIV 23	DIV 26	DIV 26			
DWBP-2	VALADE LOWER LEVEL	No	1.5	6.6	8.25	20		208 V	3	2378 VA	TDPP-4B	2,4,6	3/4"C, 3#12, 1#12G	W/EQUIP	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	DIV 26			
CABINET UNIT HEATER																							
CUH-1	HOUSE RIGHT CORRIDOR	No		.13		15		120 V	1	130 VA	RPP-6	15	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
CUH-2	VESTIBULE 139.01	No		.13		15		120 V	1	130 VA	RPP-1	35	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
COMPRESSOR AIR DRYER																							
CAD-1	TOOL SHOP	No		.45	5			120 V	1	800 VA	EQPP-1	49	3/4"C, 2#4, 1#8G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
DUST COLLECTOR																							
DC-1	WEST EXTERIOR	No	10	30.8	38.5	40		208 V	3	11096 VA	MSB-2	10	3/4"C 3#8, 1#10G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP		1	
ELECTRIC UNIT HEATER																							
EUH-1	VESTIBULE 100	No		10.1	28.2	35.25	40	208 V	3	10100 VA	MDPP-1	9	3/4"C 3#8, 1#10G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EUH-2	BASEMENT STAIRWELL	No		8	38.5	48.125	50	208 V	1	8000 VA	MSB-2	6	1"C, 2#6, 1#10G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EUH-3	BASEMENT STAIRWELL	No		8	38.5	48.125	50	208 V	1	8000 VA	MSB-2	7	1"C, 2#6, 1#10G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EUH-4	AHU-4 VESTIBULE	No		7.5	22.3	27.875	30	208 V	3	7500 VA	DPP-2	8	3/4"C, 3#10, 1#10G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EUH-5	ELEV-1	No		4	11	13.75	15	208 V	3	4000 VA	TDPP-4A	8,10,12	3/4"C, 3#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EUH-6	ELEV-2	No		7.5	22.3	27.875	30	208 V	3	7500 VA	DPP-3	8	3/4"C, 3#10, 1#10G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EUH-7	BATHROOM	No		1.8	15	18.75	20	120 V	1	216 VA	TDPP-4A	42	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
ELEVATORS																							
ELEV-1	ELEV-1 MACHINE ROOM	No				35		208 V	3	10000 VA	TDPP-4A	2,4,6	1"C, 3#8, 1#8G										
ELEV-4	ELEV-4 MACHINE ROOM	No				60		208 V	3	17000 VA	MSB-2	11	1 1/4"C, 3#4, 1#4G										
LIFT-2	LIFT-2 MACHINE ROOM	No				15		120 V	1	1200 VA	MDPP-1	28	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-							
LIFT-3	LIFT-3 MACHINE ROOM	No				15		208 V	1	2500 VA	MDPP-1	27	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-							
EXISTING EQUIPMENT																							
EXISTING AHU-2 RF		No						208 V		0 VA												2	
EXISTING AHU-2 SF		No						208 V		0 VA													2
FAN																							
EF-1	CATWALK	No	1/2	9.8	12.25	15		120 V	1	1176 VA	DPP-3	4	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-2	ROOF	No	1/4	5.8	7.25	15		120 V	1	696 VA	RPP-6	12	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-3	ROOF	No	3/4	7.6	9.5	15		208 V	1	1580 VA	RPP-6	14,16	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-4	ROOF	No	1/4	5.8	7.25	15		120 V	1	696 VA	RPP-6	30	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-5	ELECTRICAL	No	1/15	4.4	5.5	15		120 V	1	528 VA	RPP-6	13	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-6	HILBERRY MECH	No	1/4	5.8	7.25	15		120 V	1	696 VA	MDPP-1	22	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-7	SCENE PREPARATION-1	No	1/6	4.4	5.5	15		120 V	1	528 VA	EQPP-1	53	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-8	IDF-1	No	1/6	4.4	5.5	15		120 V	1	528 VA	MDPP-1	11	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-9	UTILITY YARD	No	1/6	4.4	5.5	15		120 V	1	528 VA	RPP-2	9	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-10	UTILITY YARD	No	1/6	4.4	5.5	15		120 V	1	528 VA	RPP-2	8	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-11	HILBERRY MECH	No	3	10.6	13.25	15		208 V	3	3816 VA	MDPP-1	23	3/4"C, 3#12, 1#12G	W/VSD	W/VSD	DIV 23	-	DIV 23	DIV 23	DIV 26			
EF-12	HILBERRY MECH	No	1/6	4.4	5.5	15		120 V	1	528 VA	MDPP-1	24	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-13	BOX OFFICE	No	1/15	4.4	5.5	15		120 V	1	528 VA	MDPP-1	25	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
EF-14	PAINT ROOM	No	1	4.6	5.75	15		208 V	3	1656 VA	EQPP-3	7,9,11	3/4"C, 2#12, 1#12G	W/VSD	W/VSD	-	-	-	-	DIV 26			
EF-15	OFFICE	No	1/15	4.4	5.5	15		120 V	1	528 VA	TDPP-4B	1	3/4"C, 2#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
FAN COIL UNIT																							
FC-2	LOADING 1340	No	1	4.6	5.75	15		208 V	3	1657 VA	MDPP-1	17	3/4"C, 3#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
FC-3	HILBERRY MECH	No	3/4	3.5	4.375	15		208 V	3	1261 VA	MDPP-1	18	3/4"C, 3#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
FC-4	HILBERRY MECH	No	3/4	3.5	4.375	15		208 V	3	1261 VA	MDPP-1	19	3/4"C, 3#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
FC-5	WATER ROOM	No	3/4	3.5	4.375	15		208 V	3	1261 VA	MDPP-1	20	3/4"C, 3#12, 1#12G	W/EQUIP	W/EQUIP	-	W/EQUIP	W/EQUIP	W/EQUIP	W/EQUIP			
FIRE PUMP																							
FP-1	FIRE PUMP ROOM	Yes	75					208 V	3	75960 VA	<unnamed>												SEE 1-LINE FOR CONNECTION INFO.
GAS WATER HEATER																							
GWH-1	WATER ROOM	No		5		15		120 V	1	75 VA	MDPP-1												

Owner	Wayne State University F&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
Contractor	Rockford Construction 155 West Congress Street, Suite 505 Detroit, MI 48226 313.309.9854
Executive Architect	Hamilton Anderson 1435 Randolph Street, Suite 200 Detroit, MI 48226 313.964.0270
Design Architect	HGA 420 5th Street N, Suite 100 Minneapolis, MN 55401 612.758.4000
MEP Engineer	HGA 420 5th Street N, Suite 100 Minneapolis, MN 55401 612.758.4000
Structural Engineer	DESAI / NASR Consulting Engineers Inc. 6765 Daly Road West Bloomfield, MI 48322 248.392.2010
Civil Engineer	Spalding DeDecker 905 South Blvd East Rochester Hills, MI 48307 800.598.1600
Landscape Architect	Hamilton Anderson 1435 Randolph Street, Suite 200 Detroit, MI 48226 313.964.0270
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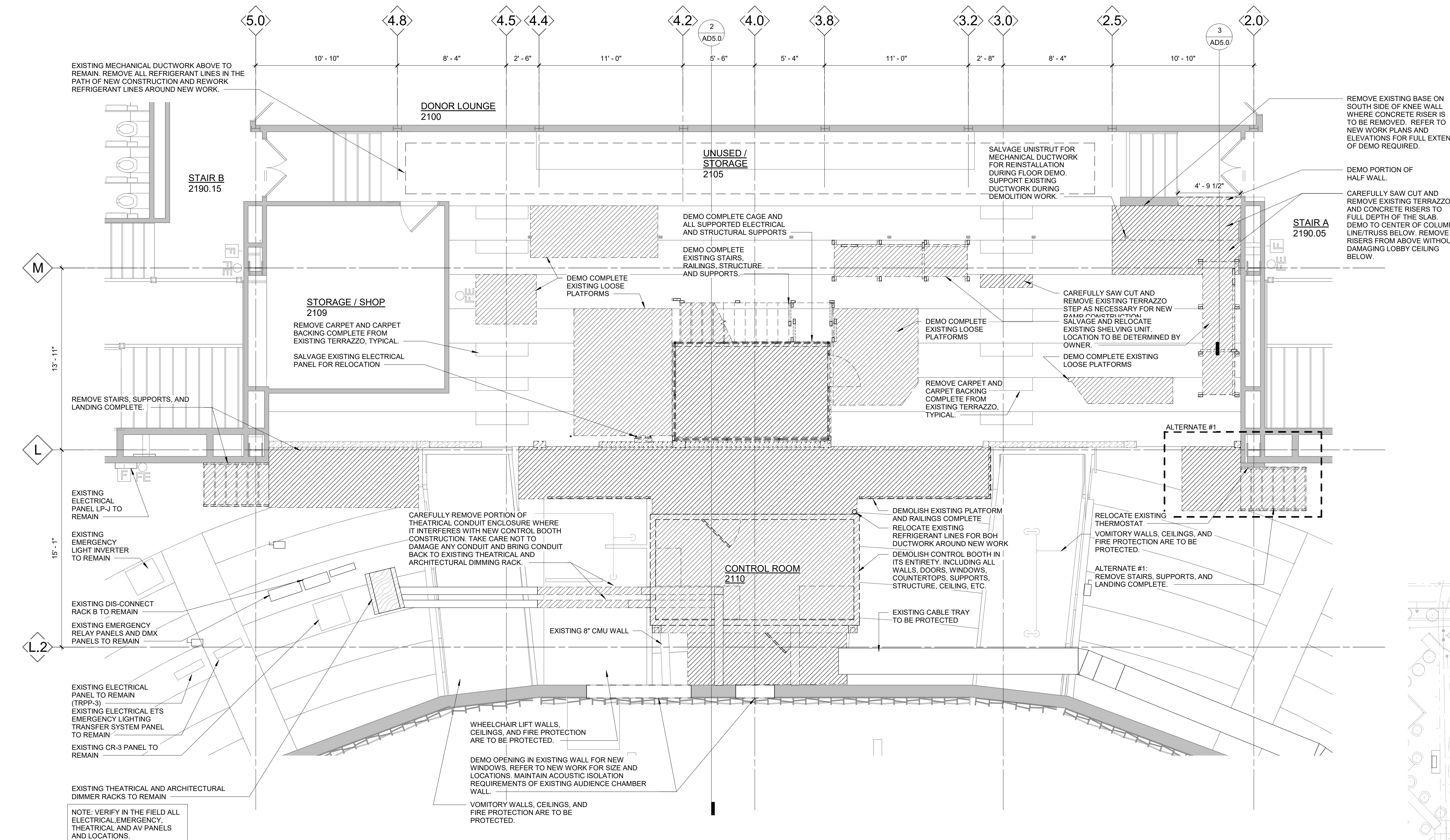


- DEMOLITION LEGEND**
- REMOVE WALL COMPLETE
 - EXISTING CONSTRUCTION TO REMAIN
 - REMOVE DOOR AND FRAME COMPLETE
 - EXISTING DOOR AND FRAME TO REMAIN
 - REMOVE TOILET AND LAVATORY COMPLETE. REMOVE WALL/FLOOR CERAMIC TILE COMPLETE AND PREPARE FLOOR AND WALLS FOR NEW FINISH.
 - REMOVE EXISTING CONSTRUCTION AS NOTED

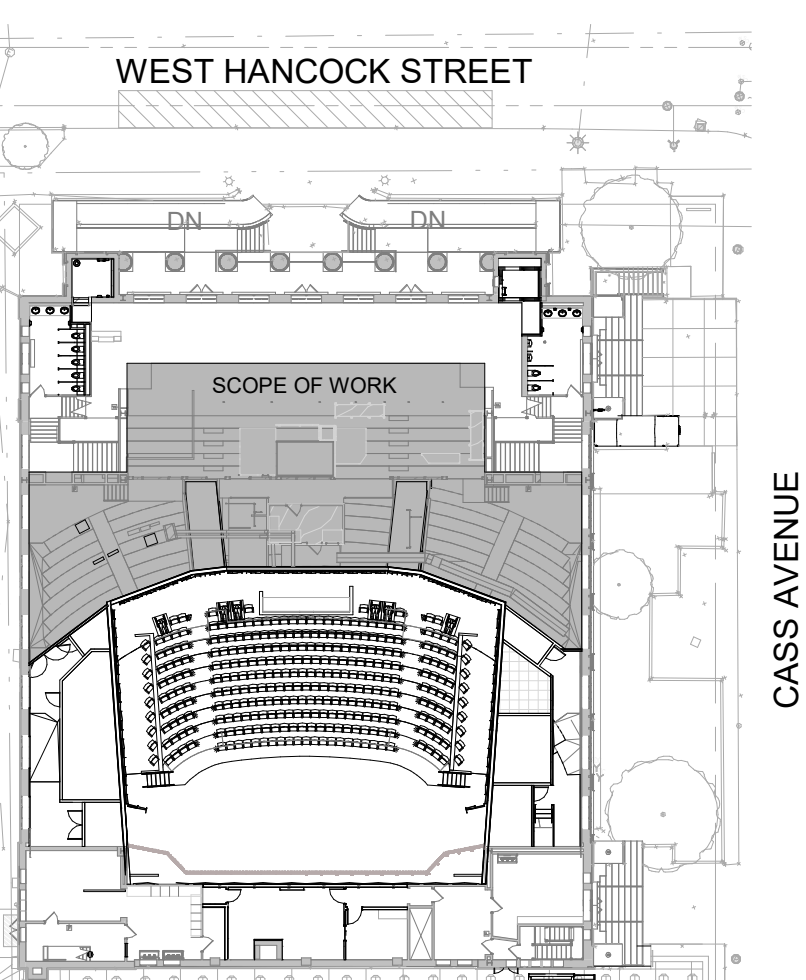
- DEMOLITION NOTES**
1. CONTRACTOR SHALL PROVIDE DEMOLITION AS REQUIRED FOR NEW CONSTRUCTION. REFER TO CONTRACT DOCUMENTS FOR EXTENT OF NEW WORK.
 2. CONTRACTOR SHALL VISIT SITE TO VERIFY ACTUAL EXTENT OF DEMOLITION PRIOR TO BID. DO NOT RELY SOLELY ON THE DRAWINGS FOR DEMOLITION SCOPE. ALL DEMOLITION REQUIRED TO CARRY OUT THE WORK OF THE CONTRACT SHALL BE PART OF THE CONTRACT. NO ADDITION TO THE CONTRACT AMOUNT WILL BE ALLOWED DUE TO FAILURE TO FIELD VERIFY DEMOLITION SCOPE OR FAILURE TO EXAMINE ALL CONTRACT DOCUMENTS.
 3. VERIFY AND INVESTIGATE ALL CONDITIONS IN THE FIELD PRIOR TO STARTING DEMOLITION. NOTIFY ARCHITECT OF DISCREPANCIES. LOCATE AND IDENTIFY SERVICES TO REMAIN IN OPERATION, INCLUDING ALL UTILITY LINES PENETRATING FLOOR, UNDOCUMENTED CONDITIONS, UTILITY RISERS, ETC.
 4. PRIOR TO CUTTING EXISTING CONSTRUCTION, DETERMINE THE PRESENCE OF AND PROTECT ACTIVE TELECOMMUNICATION, DATA & ELECTRICAL LINES AND PIPING WHICH MAY BE DAMAGED BY SUCH CUTTING.
 5. REMOVE AND REINSTALL ITEMS TO BE SALVAGED WHERE INDICATED AND WHERE ADVISED BY OWNER. CONTRACTOR TO CONFIRM WITH WSU AND THE DESIRE TO RETAIN SALVAGED MATERIALS WHICH INCLUDES, BUT NOT LIMITED TO, PRODUCTS, DEVICES, HARDWARE, ETC.
 6. CONTRACTOR TO FOLLOW OWNER'S REQUIREMENTS FOR ENSURING SECURITY AND SAFETY OF THE BUILDING THROUGHOUT DEMOLITION AND CONSTRUCTION.
 7. UTMOST CARE MUST BE TAKEN DURING DEMOLITION TO ENSURE THAT EXISTING CONSTRUCTION TO REMAIN IS NOT DAMAGED. REPAIR OR REPLACE EXISTING CONSTRUCTION DAMAGED BY DEMOLITION ACTIVITIES.
 8. CONTRACTOR IS TO PROVIDE COMPLETE DUST PROOF ENCLOSURE IN ALL AREAS WHERE DEMOLITION IS TO OCCUR.
 9. FLOORS: REMOVE ALL DEBRIS, DUST AND DIRT. CLEAN WITH WATER AND DETERGENT WHERE INDICATED. REMOVE FLOOR FINISH DOWN TO STRUCTURAL SLAB WHERE INDICATED.
 10. WHERE EXISTING PLASTER AND CONCRETE WALLS AND COLUMNS ARE TO REMAIN, REMOVE ALL LOOSE AND PEELING PAINT BY SCRAPPING. REMOVE UNSTABLE PLASTER FROM INTERIOR FACE OF EXTERIOR WALL. STABLE PLASTER SHALL REMAIN. CLEAN WITH WATER AND DETERGENT.
 11. CONTRACTOR IS TO VACUUM ACCESS CORRIDORS AT THE END OF EACH DAY. AT A MINIMUM.
 12. CONTROL NOISE, VIBRATION, AND ANY OTHER DISTURBING FACTORS. COORDINATE WORK HOURS WITH OWNER PRIOR TO PROCEEDING WITH THE WORK.
 13. SCHEDULE ALL DEMOLITION AND CONSTRUCTION WORK WITH DESIGNATED OWNER'S REPRESENTATIVE TO MINIMIZE DISRUPTION OF CAMPUS ACTIVITIES.
 14. NOT USED
 15. NOT USED
 16. WHEN REMOVING MECHANICAL AND ELECTRICAL ITEMS, REMOVE ALL ASSOCIATED CONSTRUCTION INCLUDING FASTENERS, CABLE, RODS, ETC.
 17. INVENTORY SALVAGED ITEMS: LIST SHALL INCLUDE DESCRIPTION OF ITEM, DIMENSIONS (OVERALL WIDTH, HEIGHT, DEPTH), COLOR, APPROX. WEIGHT, AND PHOTO.
 18. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
 19. DO NOT PROCEED WITH NEW FLOOR OPENINGS OR WALL OPENINGS UNTIL NEW SUPPORT STRUCTURE IS IN PLACE, SEE STRUCTURAL.
 20. PROVIDE CONSTRUCTION WASTE MANAGEMENT PLAN PRIOR TO THE START OF DEMOLITION. TARGET 50% RECYCLING OF CONSTRUCTION WASTE. REFER TO WSU OHSU PLAN FOR WASTE DISPOSAL.
 21. NOT USED
 22. REMOVE ALL CEILINGS AND SUPPORT SYSTEMS COMPLETE WHERE INDICATED.
 23. REMOVE ALL FLOOR FINISHES AND WALL BASE COMPLETE WHERE INDICATED AND PREPARE FLOOR FOR NEW FINISH.
 24. REMOVE WALLS (SHOWN DASHED) IN THEIR ENTIRETY INCLUDING ALL ELECTRICAL, DATA AND MECHANICAL WORK. MASONRY WALLS SHALL BE REMOVED DOWN TO TOP OF STRUCTURAL SLAB. WALLS TO BE REMOVED MAY HAVE LEAD BASED ANIOR LEAD CONTAINED PAINT. COORDINATE W/ ABATEMENT CONTRACTOR.
 25. DO NOT REMOVE ELEMENTS SLATED TO REMAIN OR TO BE REPAIRED. REFER TO SCOPE OF WORK.
 26. CONTRACTOR SHALL PROTECT ALL STRUCTURAL ELEMENTS FROM DAMAGE DURING CONSTRUCTION.
 27. REFER TO OWNER'S ASBESTOS AND LEAD CONTAINING PAINT SURVEY REPORT AND HAZARDOUS MATERIALS REPORT PRIOR TO ANY DEMOLITION. OWNER IS RESPONSIBLE FOR ALL HAZARDOUS MATERIAL REMEDIATION.



VALADE BOH DEMO SECTION AT EXISTING CATWALK STAIR
 1/4" = 1'-0"



ENLARGED LEVEL TWO BOH DEMO PLAN
 1/4" = 1'-0"



LEVEL TWO KEYPLAN
 1" = 40'-0"

Project	WSU - GATEWAY THEATER COMPLEX
Project Number:	2018034.00
Drawn By:	AC, MR, DV
Scale:	As indicated
Seal:	
Signature:	
Drawing No.:	AD5.0

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Rochester Hills, MI 48307
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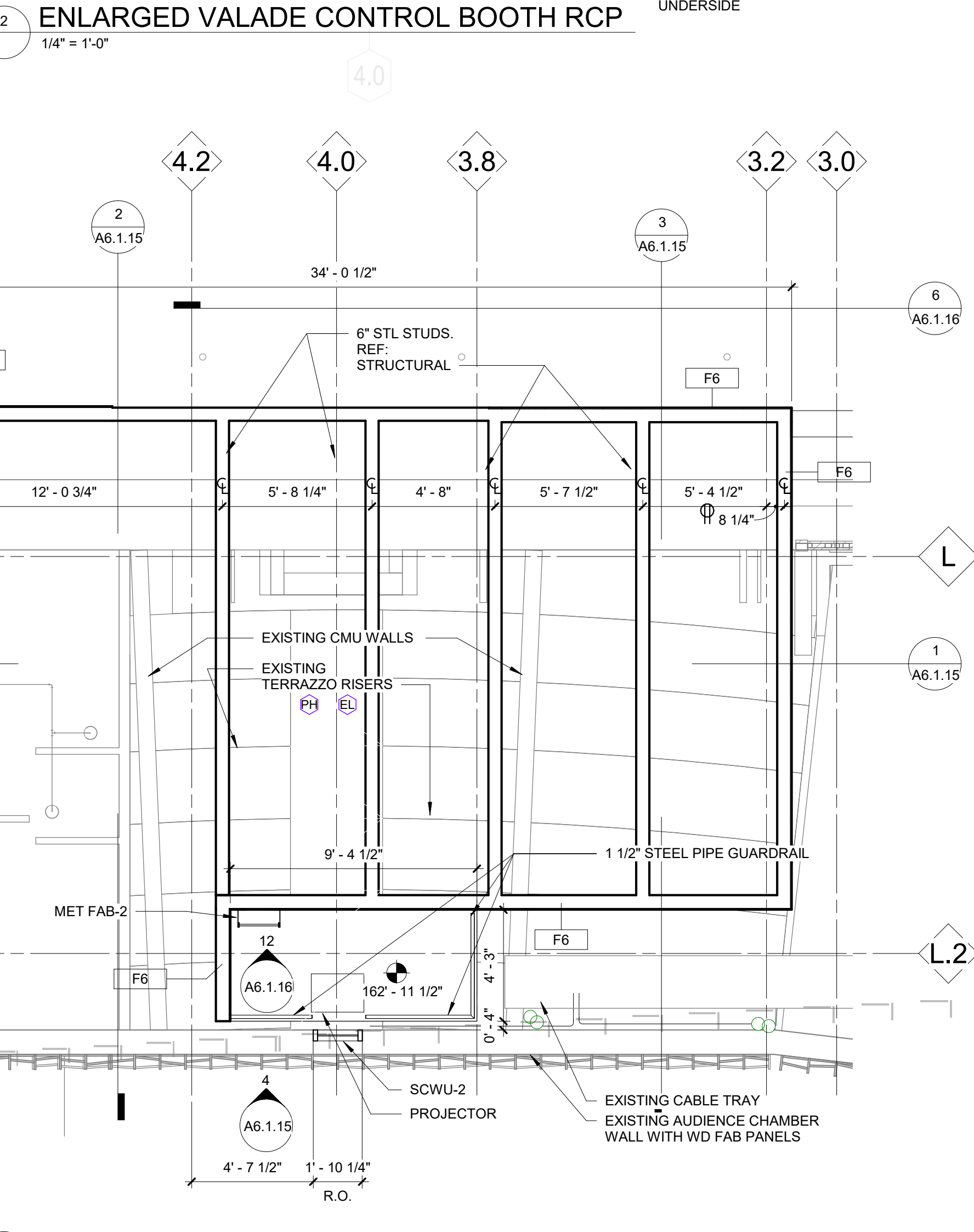
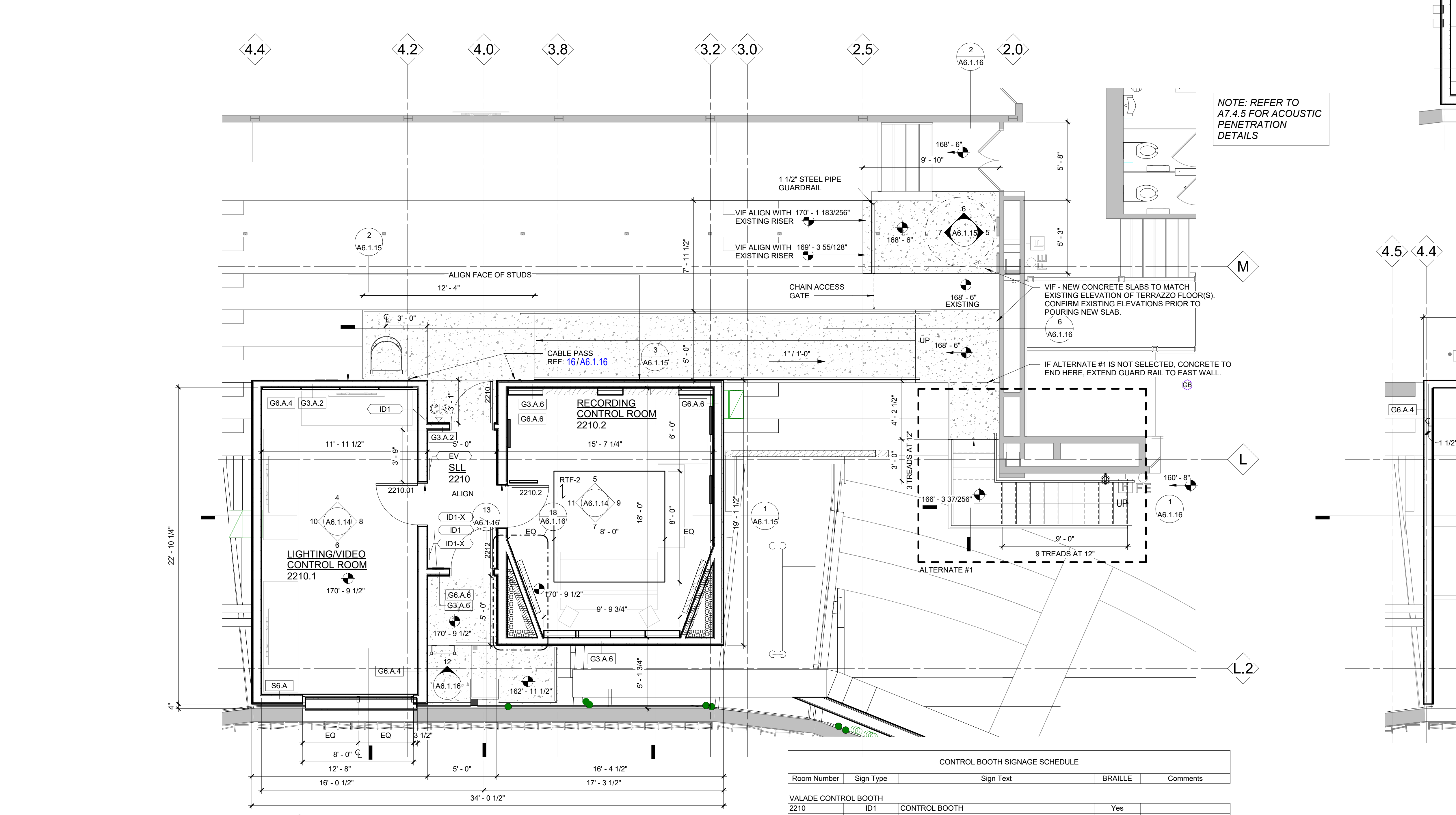
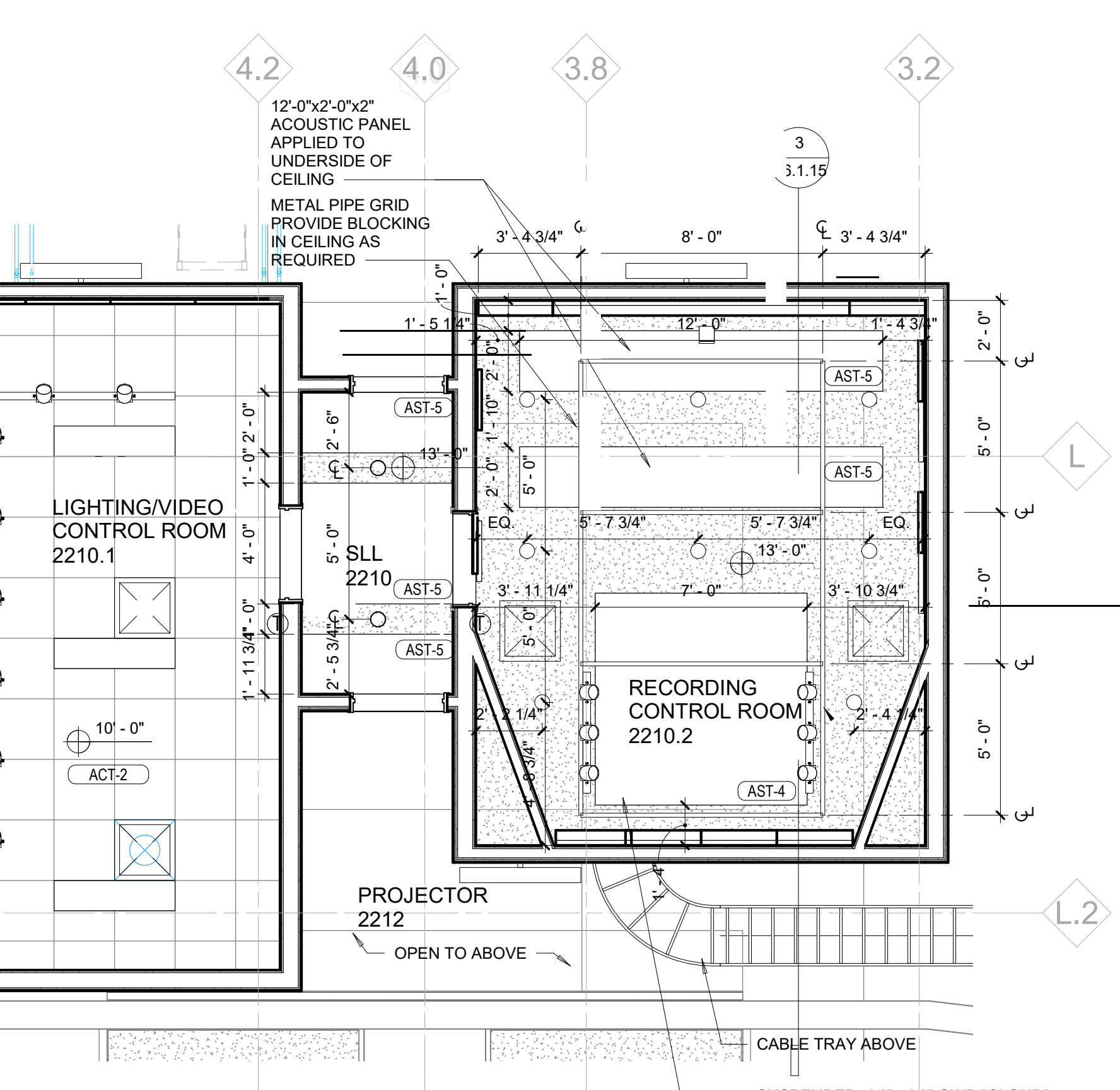
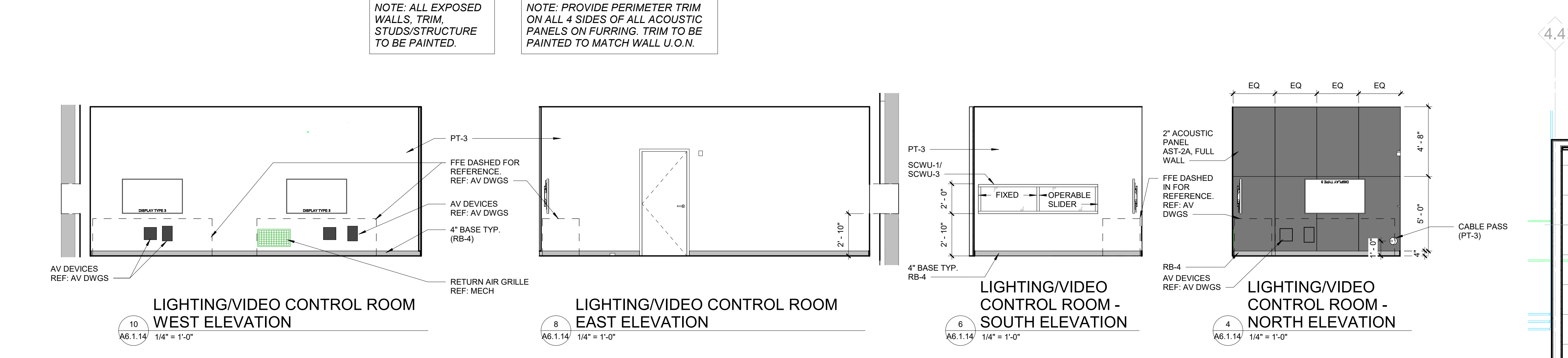
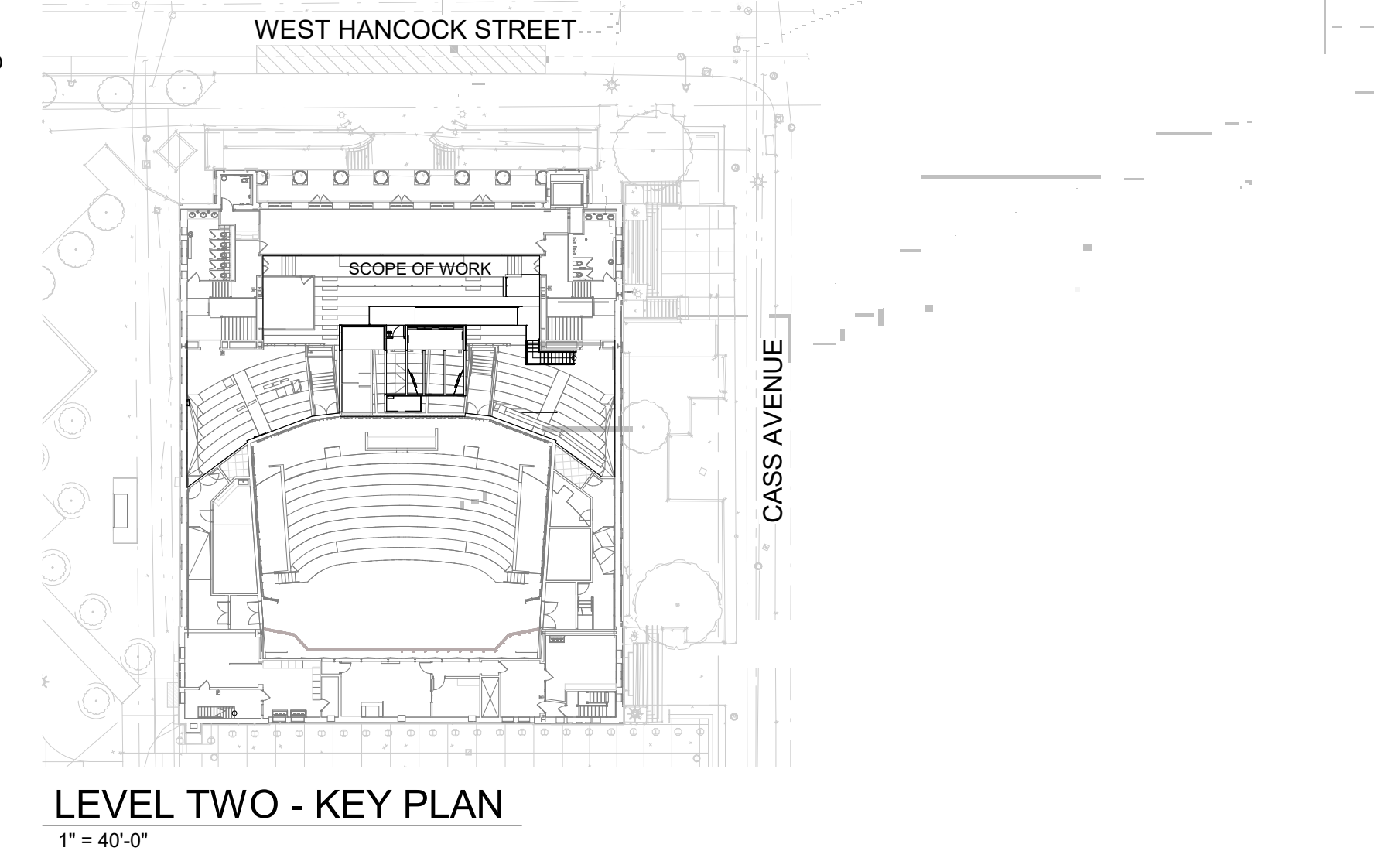
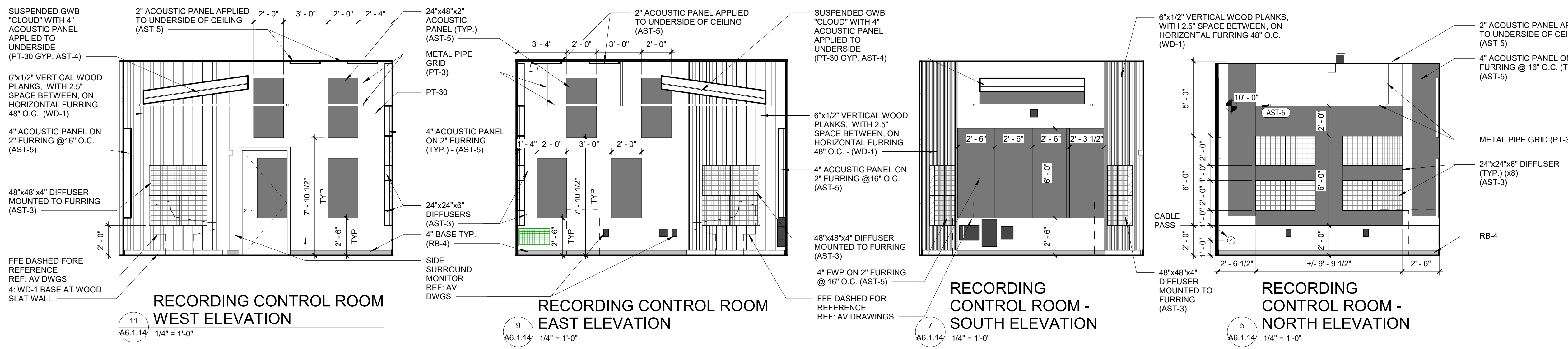
Landscape Architect Hamilton Anderson
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Acoustics / AV Jaffe Holden
114-A Washington Street
Norwalk, CT 06864
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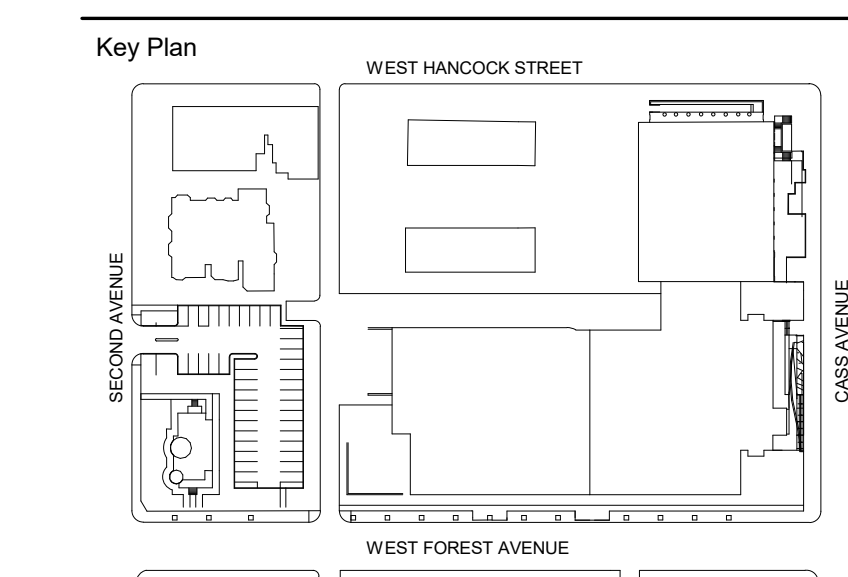
DETROIT, MI



CONTROL BOOTH SIGNAGE SCHEDULE

Room Number	Sign Type	Sign Text	BRAILLE	Comments
VALADE CONTROL BOOTH	ID1	CONTROL BOOTH	Yes	
2210.1	ID1-X	LIGHTING / VIDEO CONTROL ROOM	Yes	
2210.1	EV		No	
2210.2	ID1-X	RECORDING CONTROL ROOM	Yes	
2212	ID1	PROJECTOR	Yes	

REFER TO SHEET A7.8.1 FOR SIGNAGE TYPES AND INFORMATION.



BULLETIN 22 BP4 CONTROL BOOTH
APRIL 11, 2024

Project
WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578

Drawing Title
VALADE CONTROL BOOTH

Project Number: 2018034.00
Drawn By: AC, MR, DV
Scale: As indicated
Seal:



Signature: _____
Drawing No: _____
A6.1.14

DOOR AND INTERIOR OPENING SCHEDULE - VALADE CENTER													
NUMBER	RATING	SIZE		DOOR			FRAME				HARDWARE	GLASS TYPE	Comments
		WIDTH	HEIGHT	DOOR TYPE	MATERIAL	FINISH	FRAME TYPE	MATERIAL	FINISH	HEAD			
EXG BASEMENT													
0101		6'-0"	7'-0"	F	HM	PT-29	WA	HM	PT-29			69.0	17, 19, 26
0102	45 MIN	3'-0"	7'-0"	F	HM	PT-20	WA	HM	PT-20			59.0	1, 2, 7, 8, 9, 10, 11
0110		3'-0"	7'-0"	F	WD	ST-1	WD1	WD	PT-20			67.0	14, 27
EXG GRADE													
1190.22A													
1192		5'-0"	7'-0"	F	HM	PT-50	WA-R	HM	PT-50			102	
EXG LOBBY LEVEL													
45 MIN													
1102		6'-0"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			40.0	17
1103		3'-0"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			67.1	14, 24, 27
1105		2'-10"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			42.0	24
EXG VESTIBULE													
1116		7'-0"	7'-0"	F	WD	PT-3	WA	HM	PT-3			39.0	17, 19, 26
1121		3'-0"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			67.1	REUSE DOOR FROM 3190.20
1123		2'-8"	7'-0"	12P	WD	ST-1	WD1	WD	ST-1			42.0	
1128		3'-0"	7'-0"	2P	WD	ST-1	WD1	WD	ST-1			66.1	1, 2, 7, 8, 9
1128.1		3'-0"	7'-0"	2P	WD	ST-1	WD1	WD	PT-3			67.1	14
1190.188		3'-0"	7'-0"	F	WD	ST-1	WD1	WD	PT-3/PT-20			25.0	1, 2, 7, 8, 9, 10, 11, 17
1190.20		7'-0"	8'-0"	F	WD	PT-3	WA	HM	PT-3			78.0	1, 2, 3, 4, 5, 6, 17, 18, 19, 26
T.O. CONCRETE AT STAGE													
1110		2'-6"	6'-8"	5P	WD	ST-1	WD1	WD	ST-1			50.1	1, 2, 7, 8, 9, 10, 11, 17, 19
1190.15C		6'-0"	8'-0"	F	WD	PT-3/PT-20	WA	HM	PT-3/PT-20			21.0	1, 2, 7, 8, 9, 10, 11, 17
1190.21		6'-0"	8'-0"	F	WD	PT-3	WA	HM	PT-3			79.0	1, 2, 3, 4, 5, 6, 17
VALADE STAGE LEVEL													
1190.22		5'-0"	6'-8"	2P	WD	PT-3/PT-20	WA	HM	PT-3/PT-20			78.0	1, 2, 3, 4, 5, 6, 17
EXG CROSS AISLE													
1113		3'-0"	8'-0"	F	WD	ST-1	WA	HM	PT-20			57.0	16, 26
1116		3'-0"	7'-0"	F	WD	ST-1	WA	HM	PT-20			43.1	1, 2, 7, 8, 9, 10, 11, 18
1126		3'-0"	7'-0"	2P	WD	ST-1	WD1	HM	ST-1			46	
1190.06		6'-0"	7'-0"	F	WD	ST-1	WD1	HM	PT-3			77.0	1, 2, 3, 4, 5, 6, 17
1190.13		2'-10"	6'-8"	F	WD	ST-1	WD1	WD	ST-1			53.0	1, 2, 3, 4, 5, 6, 17
1190.14		6'-0"	7'-0"	F	WD	ST-1	WD1	HM	PT-3			77.0	1, 2, 3, 4, 5, 6, 17
1190.16		3'-0"	7'-0"	2P	WD	ST-1	WD1	HM	ST-1			62.1	1, 2, 3, 4, 5, 6, 34
1190.16A		3'-0"	7'-0"	2P	WD	ST-1	WD1	HM	ST-1			25.0	1, 2, 7, 8, 9, 10, 11
1190.19A		3'-0"	7'-0"	2P	WD	ST-1	WD1	HM	ST-1			25.0	1, 2, 7, 8, 9, 10, 11
1190.19B		6'-0"	7'-0"	F	HM	PT-20	WA-R	HM	PT-20			15.1	18, 19, 20
UPPER LEVEL (ST)													
3190.38		2'-6"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
3190.39		2'-6"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
EXG ORGAN LOFT													
2126		3'-0"	7'-0"	F	WD	ST-1	WD1	HM	PT-20			51.1	1, 2, 7, 8, 9
2128		3'-0"	7'-0"	F	WD	ST-1	WD1	HM	PT-20			51.1	1, 2, 7, 8, 9
2128.1		2'-8"	7'-0"	F	WD	ST-1	WD1	WD	ST-1			54.0	
EXG LEVEL TWO													
2101		3'-0"	7'-0"	F	WD	PT-20	WD1	WD	PT-20			66.0	
EXG CATWALK													
3190.21		3'-0"	3'-0"	F	WD	PT-3	WA	HM	PT-3			55.0	1, 2, 7, 8, 9, 10, 11, 33
3190.22		3'-0"	3'-0"	F	WD	PT-3	WA	HM	PT-3			55.0	1, 2, 7, 8, 9, 10, 11, 33

DOOR 1190.25B IS ELIMINATED FROM THE NEW WORK DOOR SCHEDULE AND IS EXISTING TO REMAIN.

DOORS 1123, 3190.20, 3190.30 ARE ELIMINATED FROM THE NEW WORK DOOR SCHEDULE AND IS EXISTING TO REMAIN. DOOR NUMBER 1130 WAS CHANGED TO DOOR NUMBER 1128.1

EXISTING DOOR AND INTERIOR OPENING SCHEDULE - VALADE CENTER													
NUMBER	RATING	SIZE		DOOR			FRAME				HARDWARE	GLASS TYPE	Comments
		WIDTH	HEIGHT	DOOR TYPE	MATERIAL	FINISH	FRAME TYPE	MATERIAL	FINISH	HEAD			
EXG LINE OF BOILER RM													
EXG BASEMENT													
0104		2'-4"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0105		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0106		2'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0107		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0108		2'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0109		2'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0111.01		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0111.02		2'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0112		2'-4"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.03A		4'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.03B		4'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.03C		4'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.03D		4'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.07		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.08		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.10A		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.10B		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.10C		3'-4"	7'-0"	BF4	-	-	-	-	-			92.0	21, 23
0190.10D		3'-4"	7'-0"	BF4	-	-	-	-	-			92.0	21, 23
0190.14		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0190.14A		3'-4"	7'-0"	BF4	-	-	-	-	-			92.0	21, 23
EXG LINE OF FAN ROOM													
0123		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	EXISTING STEEL FIRE DOOR TO ACCESS PLENUM SPACE.
0124		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0126		3'-0"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
0187.20B		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	21, 23
0187.20C		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	21, 23
0187.20D		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	21, 23
0187.20E		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	21, 23
0187.20F		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	21, 23
0187.20G		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	21, 23
0187.20H		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	21, 23
0187.20I		3'-0"	4'-0"	F	-	-	WD1	-	-			92.0	21, 23
EXG PLENUM CHAMBER													
0187.20A		2'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
1137		2'-6"	7'-0"	F	-	-	WD1	-	-			92.0	21, 23
EXG GRADE													
1190.25A		5'-4"	8'-0"	F	WD	PT-23	WD1	WD	PT-23			92.3	21, 23
EXG BCH													
1108		2'-10"	6'-8"	F	-	-	WD1	-	-			92.3	21, 23
1109		3'-0"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
1111.1		3'-0"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
1111.02		3'-0"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
1190.25C		2'-4"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
EXG LOBBY LEVEL													
1100.01		6'-0"	8'-0"	F	-	-	-	-	-			92.3	21, 23
1100.A		6'-0"	7'-6"	F	-	-	WD1	-	-			93.0	18, 21, 23, 35
1101		3'-0"	7'-0"	F	-	-	WD1	-	-			67.1	14, 21, 23, 27
1104		2'-10"	6'-8"	F	WD	ST-1	WD1	WD	ST-1			94.0	21, 23, 26
1107		3'-0"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
1190.03B		6'-0"	8'-0"	F	-	-	WD1	-	-			92.3	21, 23
1190.03D		6'-0"	8'-0"	F	-	-	WD1	-	-			92.3	21, 23
1190.03F		6'-0"	8'-0"	F	-	-	WD1	-	-			92.3	21, 23, 26
1190.09		2'-8"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
1190.10		2'-10"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
1190.11		2'-10"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
1190.12		2'-10"	6'-8"	F	-	-	WD1	-	-			92.3	21, 23
1190.12.1		2'-10"	6'-8"	F	-	-	WD1	-	-			92.3	21, 23
1190.22A		6'-0"	8'-0"	F	-	-	WD1	-	-			96.0	12, 21, 23
EXG VESTIBULE													
1111		3'-0"	7'-0"	2P	WD	ST-1	WD1	WD	ST-1			50.1	
1117		3'-0"	7'-0"	F	-	-	WD1	-	-			92.3	21, 23
1127		2'-8"	7'-0"	F	-	-	WD1	-	-			92.2	7, 8, 9, 21, 23
1127.1		2'-4"	7'-0"	F	-	-	WD1	-	-				

ROOM FINISH SCHEDULE CONT.

ROOM NUMBER	AREA	ROOM NAME	FLOOR		WALLS				CEILING		CASEWORK		NOTES
			FINISH	BASE	NORTH	EAST	SOUTH	WEST	MATL	FINISH	CABINET	COUNTERTOP	
1290.11	91 SF	SLL	CPT-1	RB-3	AST-1/PT-3	PT-3	PT-3	PT-3	ACT-2	ACT-2			
1290.12	86 SF	SLL	CPT-1	RB-3	PT-3	PT-3	AST-1/PT-3	PT-3	ACT-2	ACT-2			
1290.13	111 SF	SLL	CPT-1	RB-3	PT-3	PT-3	AST-1/PT-3	PT-3	ACT-2	ACT-2			
1290.14	974 SF	CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1290.15	129 SF	SLL/STAIR H	CPT-1	RB-3	PT-3	PT-3	AST-1/PT-3	PT-3	EXP	EXP/PT-3			
1290.16	234 SF	SLL	CPT-1	RB-3	PT-3	PT-3	AST-1/PT-3	PT-3	ACT-2	ACT-2			
1290.18	78 SF	ELEV-4	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS			
1290.19	248 SF	STAIR I	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	PT-1/EXP			
1300	2,057 SF	SCENE PREPARATION	CONC FIN-2	RB-3	PT-1/FRP-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1301	363 SF	PERFORMER LOUNGE	CPT-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1	PLAM-2	PLAM-1	
1303	571 SF	WARM-UP ROOM	WDF-2	SEE ELEV.	PT-1/AST-2A	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1305	325 SF	DRESSING ROOM	RFT-1	RB-3	PT	PT	PT	PT	ACT-1	ACT-1		PLAM-1	
1305.01	141 SF	TOILET	CTF-5	CTB-1	PT-1	PT-1	PT-1	CTW-2	ACT-1	ACT-1			
1305.02	50 SF	SHOWER	CTF-3	-	CTW-2/P-T-1	PT-1/CTW-2/W-3	CTW-3	PT-1/CTW-2/CTW-3	GYP	GY/PT-1			
1306	429 SF	DRESSING ROOM	RFT-1	RB-3	PT-1	PT-1	PT-1	PT-1	ACT	ACT-1		PLAM-1	
1306.01	139 SF	TOILET	CTF-5	CTB-1	PT-1	PT-1	PT-1	CTW-2	ACT-1	ACT-1			
1306.02	50 SF	SHOWER	CTF-3	-	CTW-3	PT-1/CTW-2/W-3	CTW-3	PT-1/CTW-2/CTW-3	GYP	GY/PT-1			
1309	294 SF	DRESSING ROOM	RFT-1	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1		PLAM-1	
1309.01	151 SF	TOILET	CTF-5	CTB-1	PT-1	CTW-2	PT-1	PT-1	ACT-1	ACT-1			
1309.02	49 SF	SHOWER	CTF-3	-	CTW-2/P-T-1	PT-1/CTW-2/W-3	CTW-3	PT-1/CTW-2/CTW-3	GYP	GY/PT-1			
1310	592 SF	DRESSING ROOM	RFT-1	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1		PLAM-1	
1310.01	143 SF	TOILET	CTF-5	CTB-1	PT-1	CTW-2	PT-1	PT-1	ACT-1	ACT-1			
1310.02	50 SF	SHOWER	CTF-3	-	CTW-3	PT-1/CTW-2/W-3	CTW-3	PT-1/CTW-2/CTW-3	GYP	GY/PT-1			
1313	2,553 SF	COSTUME SHOP	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1314	58 SF	TOILET	CTF-5	CTB-1	PT-1	CTW-2	PT-1	PT-1	GYP	GY/PT-1			
1315	100 SF	FITTING	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1316	58 SF	TOILET	CTF-5	CTB-1	PT-1	CTW-2	PT-1	PT-1	GYP	GY/PT-1			
1317	100 SF	FITTING	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1318	98 SF	OFFICE	CPT-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1319	108 SF	OFFICE	CPT-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1321	103 SF	OFFICE	CPT-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1322	79 SF	CUSTODIAL	CONC FIN-2	RB-3	PT-13	PT-13	PT-13	FRP-1	EXP	EXP/PT-3			
1323	379 SF	CRAFT ROOM	CONC FIN-2	FRP-1/RB-3	FRP-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1324	117 SF	ELEC	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1325	235 SF	DYE ROOM	CONC FIN-2	FRP-1/RB-3	FRP-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1326	53 SF	IDF	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1327	198 SF	PAINT ROOM	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1328	717 SF	ELECSOUND SHOP/STOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1329	429 SF	PROP SHOP	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1330	2,323 SF	SCENE SHOP	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1332	113 SF	OFFICE	CPT-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1333	90 SF	LASER CUTTER	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1334	109 SF	BREAK ROOM	RFT-1	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1	PLAM-2	PLAM-1	
1335	763 SF	DESIGN STUDIO	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1336	118 SF	OFFICE	CPT-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1338	464 SF	SHOP CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1340	331 SF	LOADING	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1344	113 SF	OFFICE	CPT-2	RB-3	PT-1	PT-1	PT-1	PT-1	ACT-1	ACT-1			
1346	200 SF	TOOL ROOM	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1348	227 SF	CNC ROOM	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1350	852 SF	METAL SHOP	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1390.01	90 SF	VESTIBULE	CPT-22	RB-3	PT-1	PT-1	PT-1	PT-1	GYP	GY/PT-1			
1390.02	853 SF	CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1390.03	501 SF	CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1390.04	1,162 SF	CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
1390.05	214 SF	CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
1390.06	590 SF	CORRIDOR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
2100	979 SF	DONOR LOUNGE	NOTE 1	PT-24	PT-20	PT-20	PT-20	PT-20	NOTE 5	ACT-1/PT-20			
2101	68 SF	ACCESSIBLE TOILET ROOM	CTF-20	CTB-20	PT-26	CTW-20/CTW-21	PT-26	PT-26	EXIST.	PT-25	SSF-1		
2102	191 SF	MENS	NOTE 1	NOTE 1	PT-25/CTW-25	PT-25	PT-25	PT-25/CTW-25	ACT-1	ACT-1	SSF-1		
2103	60 SF	KITCHENETTE	CTF-20	CTB-20	PT-20	PT-20	PT-20/CTW-22	PT-20	ACT-1	PT-20	PLAM-4	SSF-3	
2105	4,674 SF	UNUSED / STORAGE	EXIST.	EXIST.	PT-3	PT-3	PT-3	PT-3	EXIST.	PT-3			
2107	197 SF	WOMENS	NOTE 1	NOTE 1	PT-25/CTW-25	PT-25	PT-25	PT-25	EXIST.	PT-20	SSF-1		
2109	191 SF	STORAGE / SHOP	EXIST.	PT-24	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20			
2110	100 SF	CONTROL ROOM	CPT-20	RB-4	PT-3	PT-3	PT-3	PT-3	ACT-2	ACT-2			
2110	4,694 SF	LIGHTING CONTROL ROOM	CPT	WD	AWT/AWP	AWT/AWP	AWT/AWP	AWT/AWP	AWT/AWP	AWT/AWP			
2115	116 SF	PROJECTOR	CPT	WD	AWT/AWP	AWT/AWP	AWT/AWP	AWT/AWP	AWT/AWP	AWT/AWP			
2122	291 SF	DRESSING ROOM	NOTE 1	NOTE 1	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20		PLAM-3	
2123	530 SF	DRESSING ROOM	NOTE 1	NOTE 1	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20			
2124	178 SF	LOUNGE	NOTE 1	NOTE 1	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20			
2126	133 SF	OFFICE	CPT-20	RB-4	PT-20	PT-20	PT-20	PT-20	ACT-1	ACT-1			
2127	72 SF	CORRIDOR	CPT-20	RB-4	PT-20	PT-20	PT-20	PT-20	ACT-1	ACT-1			
2128	329 SF	OFFICE	CPT-20	RB-4	PT-20	PT-20	PT-20	PT-20	ACT-1	ACT-1			
2128.1	16 SF	CLOSET	CPT-20	RB-4	PT-20	PT-20	PT-20	PT-20	ACT-1	ACT-1			
2129	50 SF	CATWALK ACCESS	NOTE 1	NOTE 1 / RB-4	PT-3	PT-3/AST-1	PT-3	PT-3	ACT-1	PT-20			
2190.02	46 SF	ELEV #1	RTF-3	-	STAINLESS	STAINLESS	STAINLESS	STAINLESS	-	STAINLESS			
2190.05	386 SF	STAIR A	NOTE 3	NOTE 6	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-21			
2190.15	378 SF	STAIR B	NOTE 3	NOTE 6	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-21			
2190.22	21 SF	CORRIDOR	NOTE 1	NOTE 1	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20			
2190.25	163 SF	STAIR E	PT-27	PT-28	PT-20	PT-20	PT-20	PT-20	EXIST.	PT-20			
2190.26	91 SF	STAIR D	NOTE 1	NOTE 1	PT-24	PT-20	PT-20	PT-20	EXIST.	PT-20			
2223	421 SF	CONTROL ROOM (ST)	CPT-1	RB-3	PT-3/AS-T-1	PT-3	PT-3	PT-3	ACT-2	ACT-2			
2230	312 SF	DIMMER	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
2231	512 SF	AUDIO RACK	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXPOSED	EXP/PT-3			
2233	481 SF	STORAGE	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
2234	278 SF	ELECTRICAL	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			
2235	208 SF	IDF	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-3			

ROOM FINISH SCHEDULE CONT.

ROOM NUMBER	AREA	ROOM NAME	FLOOR		WALLS				CEILING		CASEWORK		NOTES
			FINISH	BASE	NORTH	EAST	SOUTH	WEST	MATL	FINISH	CABINET	COUNTERTOP	
2290.04	113 SF	GALL/CRTL ACCESS - STAIR F	CONC FIN-2	RB-3	PT-3/AST-1	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1		
2290.05	79 SF	STAIR G	CPT-1	RB-3	PT-3/AST-1	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1		
2290.06	215 SF	TECH	MET FAB-14	-	-	-	-	-	-	-	-	-	-
2290.07	131 SF	CRTL ACCESS/ STAIR	CONC FIN-2	RB-3	PT-1	PT-1	PT-1	PT-1	PT-1	EXP	EXP/PT-1		
2290.08	255 SF	SLL	CPT-1	RB-3	PT-3	PT-3	PT-3	PT-3	ACT-2				

MATERIAL SCHEDULE table with columns: Material: Mark, Material: Description, Material: Manufacturer, Material: Model, Material: Keynote, Material: Comments. Rows include items like ACT-1 Acoustic Ceiling Tile, AST-2A Acoustical Surface Treatments, etc.

MATERIAL SCHEDULE table with columns: Material: Mark, Material: Description, Material: Manufacturer, Material: Model, Material: Keynote, Material: Comments. Rows include items like RB-2 Resilient Base, WD FAB-1 Wood Fabrications, etc.

HARDWARE INDEX table with columns: TAG, DESCRIPTION, MANUFACTURER, PRODUCT INFO, SPEC SECTION, LOCATION, NOTES. Rows include items like AG-1 ARCHITECTURAL GRILLE, HD-1A CABINET HARDWARE, etc.



Owner Wayne State University FP&M
Contractor Rockford Construction
Executive Architect Hamilton Anderson
Design Architect HGA
MEP Engineer HGA
Structural Engineer DESAI / NASR Consulting Engineers Inc.
Civil Engineer Spalding DeDecker
Landscape Architect Hamilton Anderson
Theatrical Auerbach Pollock Friedlander
Lighting Auerbach Glasgow
Acoustics / AV Jaffe Holden

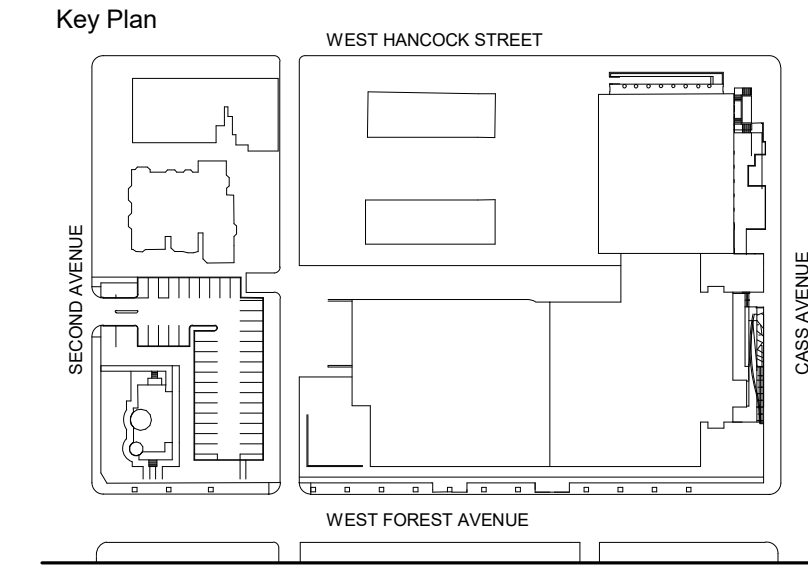


Table with columns: TAG, DESCRIPTION, MANUFACTURER, PRODUCT INFO, SPEC SECTION, LOCATION, NOTES. Rows include items like AG-1 ARCHITECTURAL GRILLE, HD-1A CABINET HARDWARE, etc.

Project
WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578
Drawing Title
MATERIAL SCHEDULE

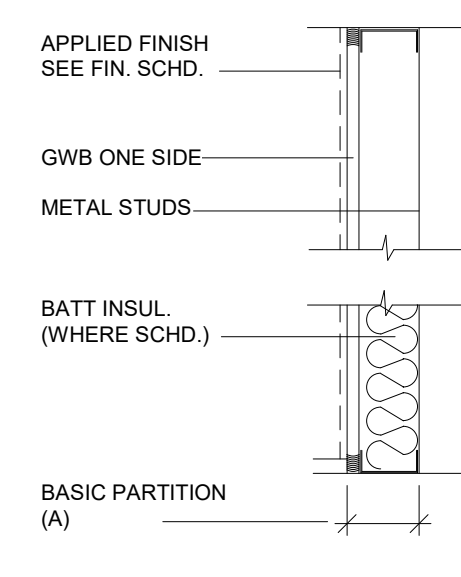
Project Number: 2018034.00
Drawn By: AC, MR, DV
Scale:
Seal:



Signature:
Drawing No:
A7.2.3

PARTITION SYSTEM F

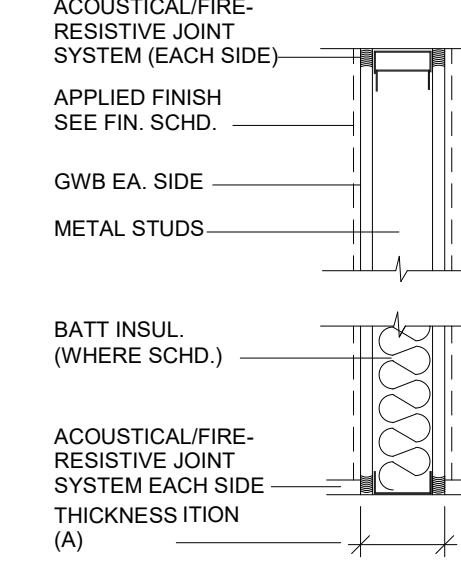
FURRED WALLS



NOTES
 1. SUBSTITUTE CEMENT BOARD FOR GWB AT TILE LOCATIONS.

PARTITION SYSTEM G

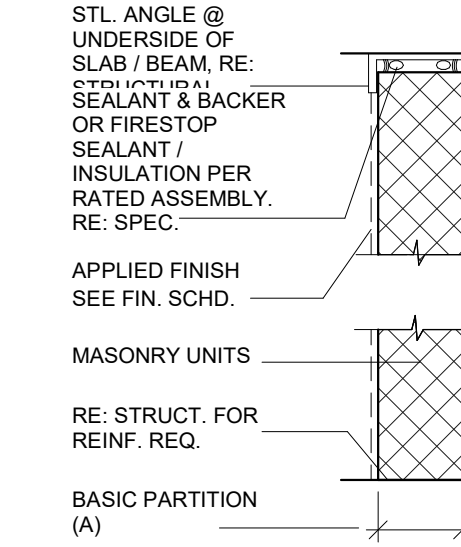
GYP/MTL STUD WALLS



NOTES
 ALL MTL STUD WALL ASSEMBLIES ARE DELEGATED DESIGN BY STUD MFG.
 SUBSTITUTE CEMENT BOARD FOR GWB AT TILE LOCATIONS.

PARTITION SYSTEM M

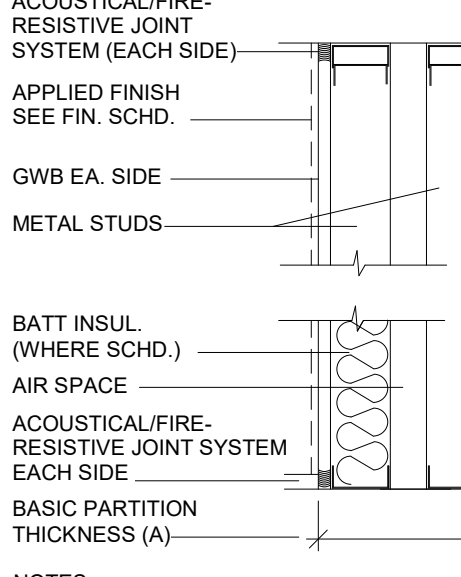
MASONRY WALLS



NOTES
 REFER TO EXT. WALL SECTIONS FOR STRUCTURAL CMU.

PARTITION SYSTEM C

GYP/MTL STUD CHASE WALLS



NOTES
 ALL MTL STUD WALL ASSEMBLIES ARE DELEGATED DESIGN BY STUD MFG.

TYPE MARK	PARTITION WIDTH	CORE WIDTH	STUD SPACING (MAX. O.C.)	GWB THICKNESS (EA. SIDE)	RESILIENT CHANNEL	ASSEMBLY			CORE HEIGHT			JOINTS		RATINGS				REMARKS	
						ACOUSTICAL INSUL. THICKNESS	CORE TO STRUCT./GWB TO STRUCT.	CORE TO STRUCT./GWB TO 6" ABOVE CEILING	CORE AND GWB TO 6" ABOVE CEILING	ACOUS.	FIRE	FIRE RATING	FIRE TEST (UL)	ACOUSTICAL RATING (STC)	ACOUSTICAL TEST NUMBER				
F0	1 1/2"	7/8"	24"	5/8"	-	-	No	No	No	No	No	No	-	-	-	-	-	-	-
F1	3 1/8"	2 1/2"	16"	5/8"	-	-	No	No	No	No	No	No	-	-	-	-	-	-	-
F2.A	3 1/8"	2 1/2"	16"	5/8"	-	2"	No	No	No	No	No	No	-	-	-	-	-	-	-
F2.C	3 1/8"	2 1/2"	16"	5/8"	-	2"	No	No	No	No	No	No	-	-	-	-	-	-	-
F3	4 1/4"	3 5/8"	16"	5/8"	-	-	No	No	No	No	No	No	-	-	-	-	-	-	-
F3.A	4 1/4"	3 5/8"	16"	5/8"	-	3 1/2"	No	No	No	No	No	No	-	-	-	-	-	-	-
F3.A.2	4 7/8"	3 5/8"	16"	5/8"	-	3 1/2"	No	No	No	No	No	No	-	-	-	-	-	-	-
F3.B	4 7/8"	3 5/8"	16"	5/8"	-	3 1/2"	No	No	No	No	No	No	-	-	-	-	-	-	-
F3.G	4 1/4"	3 5/8"	16"	(2) 5/8"	-	-	Yes	No	No	No	No	No	-	-	-	-	-	-	-
F6	6 5/8"	6"	16"	5/8"	-	-	Yes	No	No	No	No	No	-	-	-	-	-	-	-
F6.A	7 1/4"	6"	16"	(2) 5/8"	-	6"	Yes	No	No	No	No	No	-	-	-	-	-	-	-
F6.C	6 5/8"	6"	16"	5/8"	-	-	No	No	No	No	No	No	-	-	-	-	-	-	-
F8	8 5/8"	6"	16"	5/8"	-	-	No	No	No	No	No	No	-	-	-	-	-	-	-

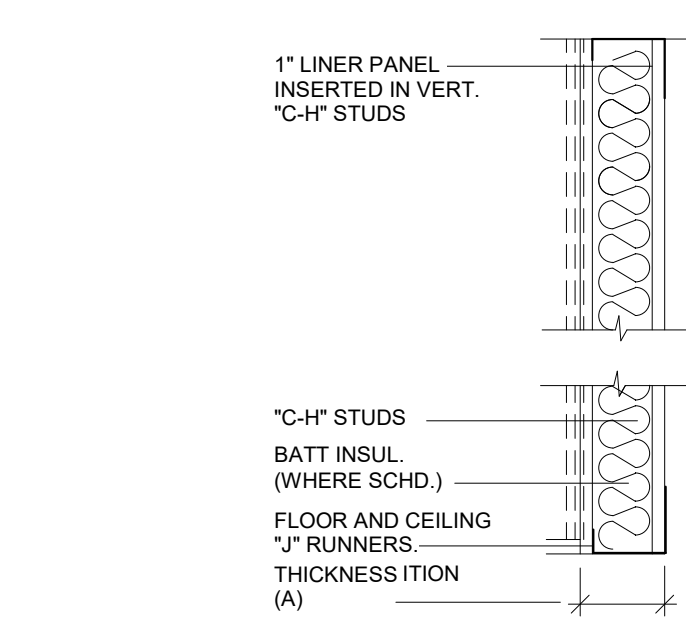
WALL TYPE F6 A.2 HAS BEEN REMOVED FROM THE PROJECT.

TYPE MARK	PARTITION WIDTH	CORE WIDTH	STUD SPACING (MAX. O.C.)	GWB THICKNESS (EA. SIDE)	RESILIENT CHANNEL	ASSEMBLY			CORE HEIGHT			JOINTS		RATINGS				REMARKS	
						ACOUSTICAL INSUL. THICKNESS	CORE TO STRUCT./GWB TO STRUCT.	CORE TO STRUCT./GWB TO 6" ABOVE CEILING	CORE AND GWB TO 6" ABOVE CEILING	ACOUS.	FIRE	FIRE RATING	FIRE TEST (UL)	ACOUSTICAL RATING (STC)	ACOUSTICAL TEST NUMBER				
G3.1	4 7/8"	3 5/8"	16"	5/8"	-	3 1/2"	Yes	No	No	Yes	Yes	1 HR	U419	40	RAL-TL11-125	-	-	-	-
G3.1.A	6 1/8"	3 5/8"	16"	(2) 5/8"	-	3 1/2"	Yes	No	No	Yes	Yes	1 HR	U419	56	NGC 2018109	-	-	-	-
G3.2	6 1/8"	3 5/8"	16"	(2) 5/8"	-	-	Yes	No	No	Yes	Yes	2 HR	U419	50	USG-840917	-	-	-	-
G3.A	4 7/8"	3 5/8"	16"	5/8"	-	-	Yes	No	No	No	No	-	-	-	-	-	-	-	-
G3.A.1	4 7/8"	3 5/8"	16"	5/8"	-	3 1/2"	Yes	No	No	No	No	-	-	-	-	-	-	-	-
G3.A.2	6 1/8"	3 5/8"	16"	(2) 5/8"	-	3 1/2"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G3.A.3	6 1/8"	3 5/8"	16"	(2) 5/8"	-	3 1/2"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G3.A.4	6 1/4"	3 5/8"	16"	(2) 5/8"	-	3 1/2"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G3.A.5	5 1/2"	3 5/8"	16"	5/8"	-	-	Yes	No	No	No	No	-	-	-	-	-	-	-	-
G3.A.6	6 3/4"	3 5/8"	16"	(2) 5/8" (3) 5/8"	-	3 1/2"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G3.B	4 7/8"	3 5/8"	16"	5/8"	-	3 1/2"	No	Yes	No	Yes	No	-	-	-	-	-	-	-	-
G3.C	4 7/8"	3 5/8"	16"	5/8"	-	3 1/2"	No	No	Yes	No	No	-	-	-	-	-	-	-	-
G3.S	6 1/8"	3 5/8"	16"	(2) 5/8"	-	3 1/2"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G3.W	7 5/8"	3 5/8"	16"	5/8"	-	3 1/2"	No	No	No	Yes	No	-	-	-	-	-	-	-	-
G4.W	7"	4"	16"	3/4" PLY	-	3 1/2"	No	No	No	Yes	No	-	-	-	-	-	-	-	-
G6.1	7 1/4"	6"	16"	5/8"	-	6"	Yes	No	No	Yes	Yes	1 HR	U419	-	-	-	-	-	-
G6.2	8 1/2"	6"	16"	(2) 5/8"	-	-	Yes	No	No	Yes	Yes	2 HR	U419	-	-	-	-	-	-
G6.A	7 1/4"	6"	16"	5/8"	-	6"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G6.A.1	8 3/4"	6"	16"	5/8" + 3/4" PLY	-	6"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G6.A.2	8"	6"	16"	5/8" + 3/4" PLY (INT) + 5/8"	-	6"	Yes	No	No	Yes	Yes	1 HR	UL 419	-	-	-	-	-	-
G6.A.3	9 1/8"	6"	16"	(3) 5/8" + (2) 5/8"	-	6"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G6.B	7 1/4"	6"	16"	5/8"	-	6"	No	No	Yes	No	No	-	-	-	-	-	-	-	-
G6.B.1	7 1/4"	6"	16"	5/8"	-	6"	No	Yes	No	Yes	No	-	-	-	-	-	-	-	-
G6.C	7 1/4"	6"	16"	5/8"	-	6"	No	No	Yes	No	No	-	-	-	-	-	-	-	-
G8.1	9 1/4"	8"	16"	5/8"	-	7 1/2"	Yes	No	No	No	Yes	1 HR	U419	-	-	-	-	-	-
G8.A	11 1/8"	8"	16"	(3) 5/8" + (2) 5/8"	-	7 1/2"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
G8.C	9 3/8"	8"	16"	5/8" (3/4" PLY)	-	-	No	No	Yes	No	No	-	-	-	-	-	-	-	-

TYPE MARK	PARTITION WIDTH	CORE WIDTH	STUD SPACING (MAX. O.C.)	GWB THICKNESS (EA. SIDE)	RESILIENT CHANNEL	ASSEMBLY			CORE HEIGHT			JOINTS		RATINGS				REMARKS	
						ACOUSTICAL INSUL. THICKNESS	CORE TO STRUCT./GWB TO STRUCT.	CORE TO STRUCT./GWB TO 6" ABOVE CEILING	CORE AND GWB TO 6" ABOVE CEILING	ACOUS.	FIRE	FIRE RATING	FIRE TEST (UL)	ACOUSTICAL RATING (STC)	ACOUSTICAL TEST NUMBER				
M8.1	7 5/8"	7 5/8"	-	-	-	-	Yes	No	No	Yes	Yes	1 HR	U905	48	NCMA TEK 13-1B	-	-	-	-
M8.2	7 5/8"	7 5/8"	-	-	-	-	Yes	No	No	Yes	Yes	2 HR	U905	48	NCMA TEK 13-1B	-	-	-	-
M8.8	7 5/8"	7 5/8"	-	-	-	-	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-

PARTITION SYSTEM S

SHAFT WALLS



NOTES
 REFER TO EXT. WALL SECTIONS FOR STRUCTURAL CMU.

TYPE MARK	PARTITION WIDTH	CORE WIDTH	STUD SPACING (MAX. O.C.)	GWB THICKNESS (EA. SIDE)	RESILIENT CHANNEL	ASSEMBLY			CORE HEIGHT			JOINTS		RATINGS				REMARKS	
						ACOUSTICAL INSUL. THICKNESS	CORE TO STRUCT./GWB TO STRUCT.	CORE TO STRUCT./GWB TO 6" ABOVE CEILING	CORE AND GWB TO 6" ABOVE CEILING	ACOUS.	FIRE	FIRE RATING	FIRE TEST (UL)	ACOUSTICAL RATING (STC)	ACOUSTICAL TEST NUMBER				
S2.1	3 1/8"	2 1/2"	24"	5/8" & 1"	-	-	-	Yes	No	No	No	Yes	1 HR	U415	39	USG 040901	-	-	-
S2.1.1	3 7/8"	2 1/2"	24"	5/8" & 1"	-	-	-	Yes	No	No	No	Yes	1 HR	U415	39	USG 040901	-	-	PLYWOOD ON SHOP SIDE OF WALL
S2.2	3 3/4"	2 1/2"	24"	(2) 5/8" & 1"	-	-	-	Yes	No	No	No	Yes	2 HR	U415	43	USG 040912	-	-	-
S4	4 5/8"	4"	24"	5/8" & 1"	-	-	-	Yes	No	No	No	Yes	-	U415	39	USG 040901	-	-	-
S4.1	4 5/8"	4"	24"	5/8" & 1"	-	-	-	Yes	No	No	No	Yes	1 HR	U415	39	USG 040901	-	-	-
S4.2A	5 1/4"	4"	16"	(2) 5/8" & 1"	-	-	-	Yes	No	No	Yes	Yes	2 HR	U415	43	USG 040912	-	-	-
S4.A	5 1/4"	4"	16"	(2) 5/8" & 1"	-	-	-	Yes	No	No	No	Yes	-	U415	43	USG 040912	-	-	-
S6.A	8 1/4"	6"	16"	(2) 5/8" & 1"	-	-	-	Yes	No	No	Yes	No	-	-	52	USG 040912	-	-	-

TYPE MARK	PARTITION WIDTH	CORE WIDTH	STUD SPACING (MAX. O.C.)	GWB THICKNESS (EA. SIDE)	RESILIENT CHANNEL	ASSEMBLY			CORE HEIGHT			JOINTS		RATINGS				REMARKS	
						ACOUSTICAL INSUL. THICKNESS	CORE TO STRUCT./GWB TO STRUCT.	CORE TO STRUCT./GWB TO 6" ABOVE CEILING	CORE AND GWB TO 6" ABOVE CEILING	ACOUS.	FIRE	FIRE RATING	FIRE TEST (UL)	ACOUSTICAL RATING (STC)	ACOUSTICAL TEST NUMBER				
C3.B	14 3/4"	3 5/8" + 6"	16"	5/8"	-	3 1/2"	Yes	No	No	Yes	No	-	-	-	-	-	-	-	-
C6.B	14 1/4"	6" + 6"	16"	5/8"	-	6"	Yes	No	No	No	Yes	-	-	-	-	-	-	-	STAGGERED STUD

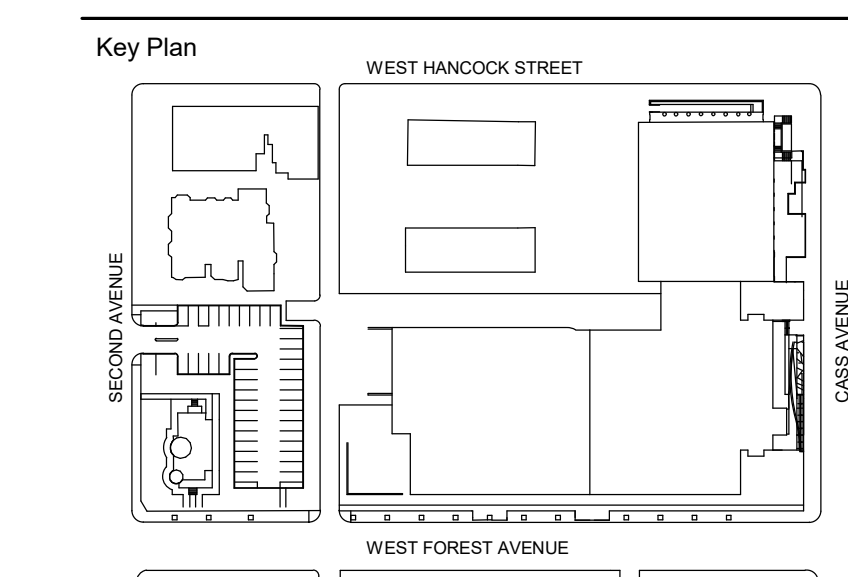
NOTES
 1. PARTITIONS ARE DISTINGUISHED BY SYMBOL DESIGNATION, GRAPHIC DESIGNATION OR A COMBINATION OF BOTH DESIGNATIONS.
 (G3.2)
 2. THE FIRST CHARACTER IS A LETTER INDICATING THE PARTITION TYPE.
 A ACOUSTIC PARTITION
 F FURRED PARTITION, GYPSUM WALL BOARD (ONE SIDE) OVER FURRING
 G GYPSUM WALL BOARD (BOTH SIDES) OVER METAL FRAMING
 M MASONRY PARTITION
 S SHAFT, GYPSUM WALL BOARD & LINER PANEL ON METAL FRAMING
 ST STACKED COMBINATION OF A FRAMED PARTITION ON A MASONRY BASE
 THE SECOND CHARACTER IS NUMERIC INDICATING THE STUD OR CMU WIDTH.
 NUMERIC CHARACTER STUD WIDTH CMU WIDTH
 1 7/8" 1 5/8"
 2 3 1/2" 2 1/2"
 3 4" 3 5/8"
 4 4" 4"
 6 6" 5 5/8"
 8 8" 7 5/8"
 12 11 5/8"
 THE THIRD CHARACTER REFERS TO RATING OR WALL HEIGHT (IF UNRATED).
 A STUDS AND GYPSUM WALL BOARD TO STRUCTURE ABOVE
 B STUDS TO STRUCTURE ABOVE, GYPSUM WALL BOARD TO 6" ABOVE CEILING.
 C STUDS (BRACED) AND GYPSUM WALL BOARD TO 6" ABOVE CEILING.
 THE RATING IS ALSO SHOWN GRAPHICALLY.
 GRAPHIC DESIGNATION PRIORITY
 4 HR FIRE BARRIER HIGHEST
 3 HR FIRE BARRIER HIGH
 2 HR FIRE BARRIER MEDIUM
 1 HR FIRE BARRIER LOW
 SMOKE PARTITION (NON RATED) LOWEST
 3. IF NO SYMBOL DESIGNATION IS PROVIDED, THE STUD SIZE WILL BE 3 5/8".
 4. "LINE OF STRUCTURE" INDICATED FOR EACH PARTITION IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY.
 5. ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD. REFER TO PARTITION MATRICES FOR PARTITION WIDTH DIMENSIONS UNLESS INDICATED TO BE SHOWN ON PLAN.
 6. THE GRAPHIC DESIGNATION IS INCORPORATED FOR PARTITIONS REQUIRED TO BE SMOKE RESISTANT, FIRE RESISTANT, OR BOTH FIRE AND SMOKE RESISTANT.
 7. FIRE RESISTANT AND FIRE RESISTANT SMOKE BARRIER RATINGS ARE TO SURROUND ALL OPENINGS IN RATED PARTITIONS.
 8. SMOKE RESISTANT, FIRE RESISTANT, AND FIRE RESISTANT SMOKE BARRIER PARTITIONS SHALL EXTEND AND SEAL TO INSIDE FACE OF EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH ROOF/FLOORS.
 9. FOR PARTITIONS INDICATED TO RECEIVE SOUND ATTENUATION BLANKETS (SAB), EXTEND SAB TO FULL HEIGHT OF PARTITION UNLESS OTHERWISE INDICATED. FLOOR TRACK TO BE SET IN A CONTINUOUS BED OF SEALANT.
 10. SEALANT:
 1. FIRE RESISTANCE RATED PARTITIONS SHALL USE RATED FIRE/SMOKE FIRE RESISTANT FILL MATERIAL IN CONJUNCTION WITH AN APPROPRIATE RATED FIRE/SMOKE FIRE STOPPING SYSTEM.
 2. NON-RATED PARTITIONS AND NON-RATED SMOKE RESISTANT PARTITIONS SHALL USE ACOUSTICAL SEALANT.
 11. INSULATION - HEAD CONDITIONS AT FLOOR/ROOF DECK
 1. FIRE RESISTANCE RATED PARTITIONS SHALL USE MINERAL WOOL INSULATION.
 2. NON-RATED PARTITIONS REQUIRING SOUND ATTENUATION SHALL USE SOUND ATTENUATION BLANKETS (SAB).
 3. PROVIDE FULL THICKNESS INSULATION INSIDE ALL STUD BOX BEAMS AND HEADERS WHICH OCCUR IN WALLS WITH SOUND ATTENUATION.
 4. PROVIDE SOUND ATTENUATION BLANKETS IN ALL WALL CAVITIES WITH PLUMBING STACKS FULL HEIGHT OF WALL.
 12. EACH PARTITION SHOWN ON THE DRAWINGS TO HAVE A FIRE AND SMOKE RESISTANT RATING SHALL BE IDENTIFIED AS SUCH WITH A LABEL ABOVE THE CEILING ON EACH SEGMENT OF THE WALL AND 6" O.C. MAX EACH SIDE.
 13. REFER TO SPECIFICATIONS FOR MINIMUM STUD THICKNESS, MAXIMUM SPACING AND ALLOWABLE LIMITING HEIGHTS/DEFLECTION CRITERIA FOR GYPSUM BOARD ASSEMBLIES.
 14. REFER TO TOILET ACCESSORIES SHEET AND CASEWORK SHEET FOR MOUNTING DETAIL INFORMATION.
 15. REFER TO STRUCTURAL DRAWINGS FOR REINFORCING INFORMATION.
 16. HEAD OF WALL DETAILS DO NOT ALTER PARTITION TYPES NOTED ON PLANS.



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 5454 Cass Ave
 Detroit, MI 48202
 313.577.2424
 Contractor: Rockford Construction
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 Detroit, MI 48226
 313.309.9854
 Executive Architect: Hamilton Anderson
 1435 Randolph Street, Suite 200
 Detroit, MI 4

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Lighting Auerbach Glasow
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 San Francisco, CA 94111
 415.392.7528
Acoustics / AV Jaffe Holden
 114-A Washington Street
 Norwalk, CT 06864
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Project	BULLETIN 22 BP4 CONTROL BOOTH	APRIL 11, 2024
Project	WSU - GATEWAY THEATER COMPLEX	
	WSU PROJECT NO. 189-178578	
Drawing Title	VALADE CONTROL BOOTH	
Project Number:	2018034.00	
Drawn By:	Designer	
Scale:	As indicated	
Seal:		

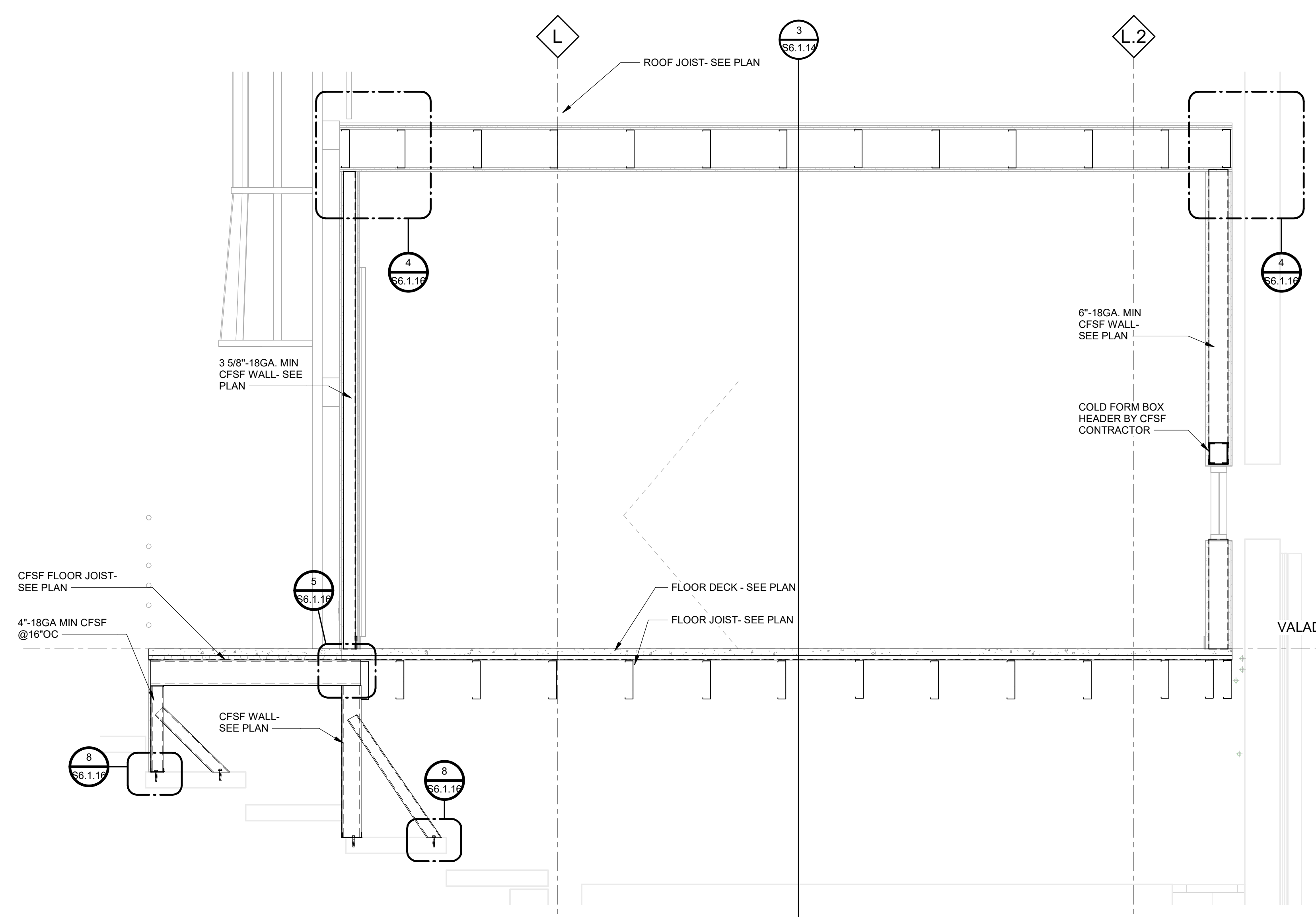
Project
WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
 Drawing Title
VALADE CONTROL BOOTH

Project Number: 2018034.00
 Drawn By: Designer
 Scale: As indicated
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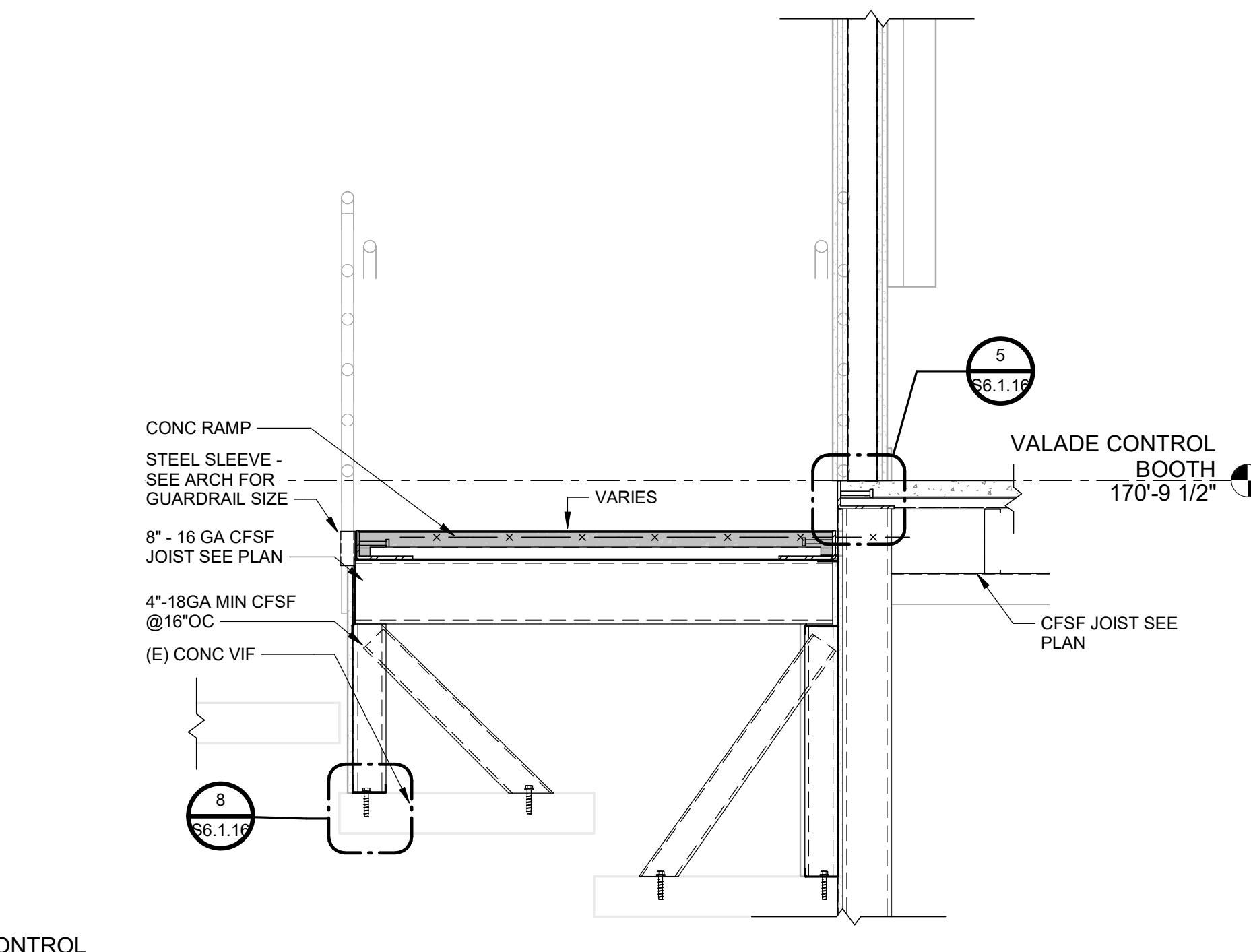


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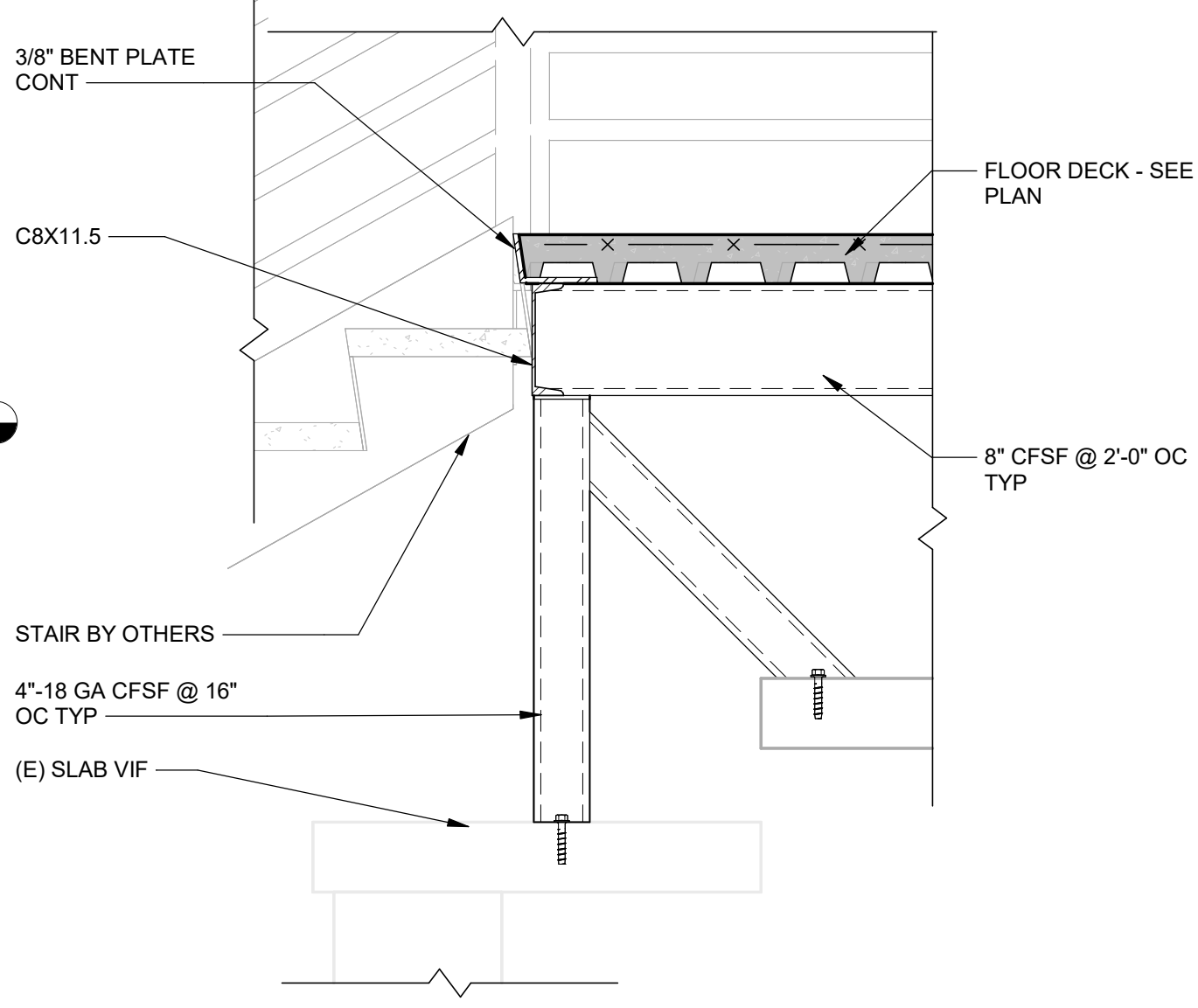
S6.1.15



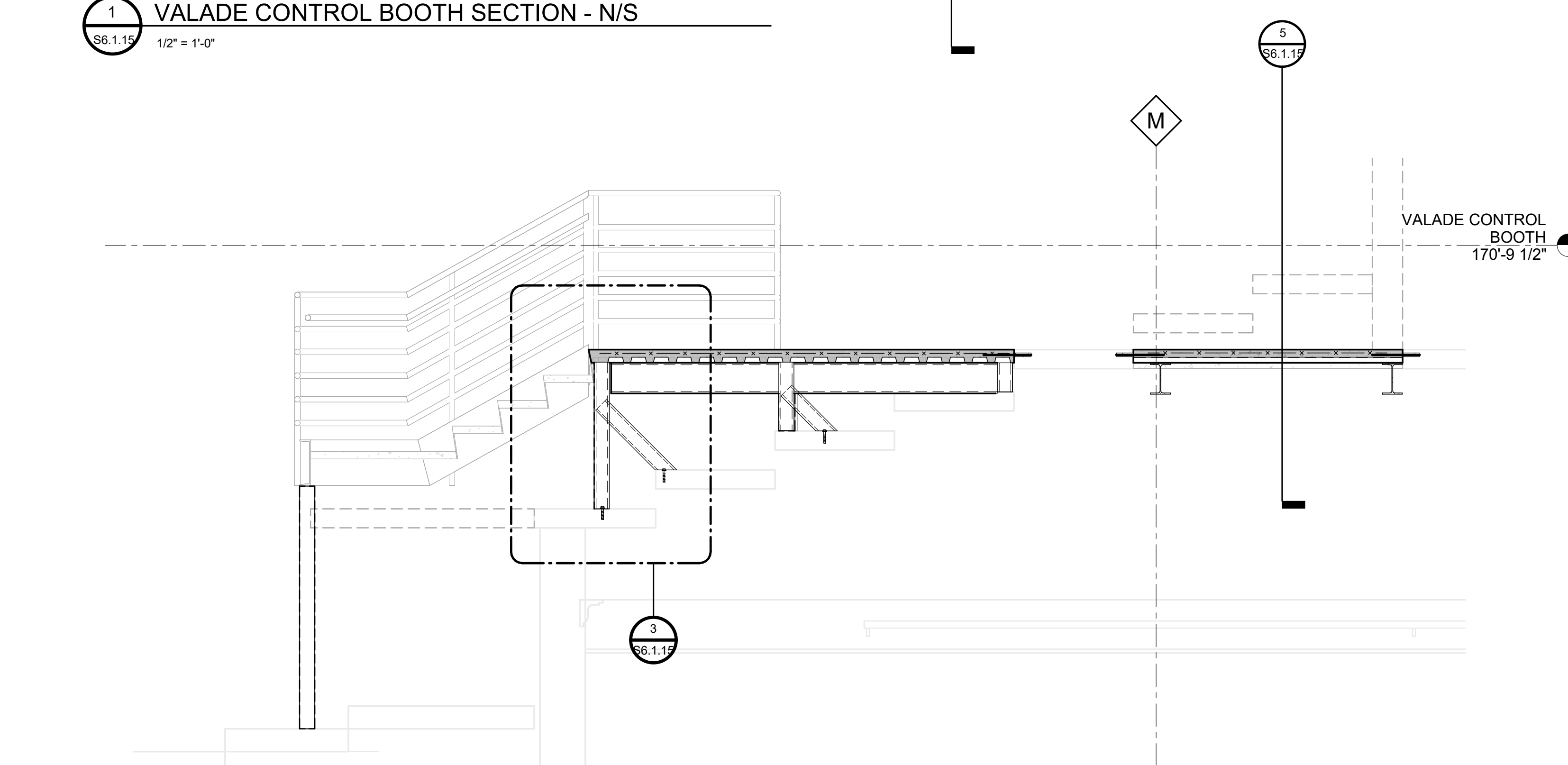
1 VALADE CONTROL BOOTH SECTION - N/S
 S6.1.15 1/2" = 1'-0"



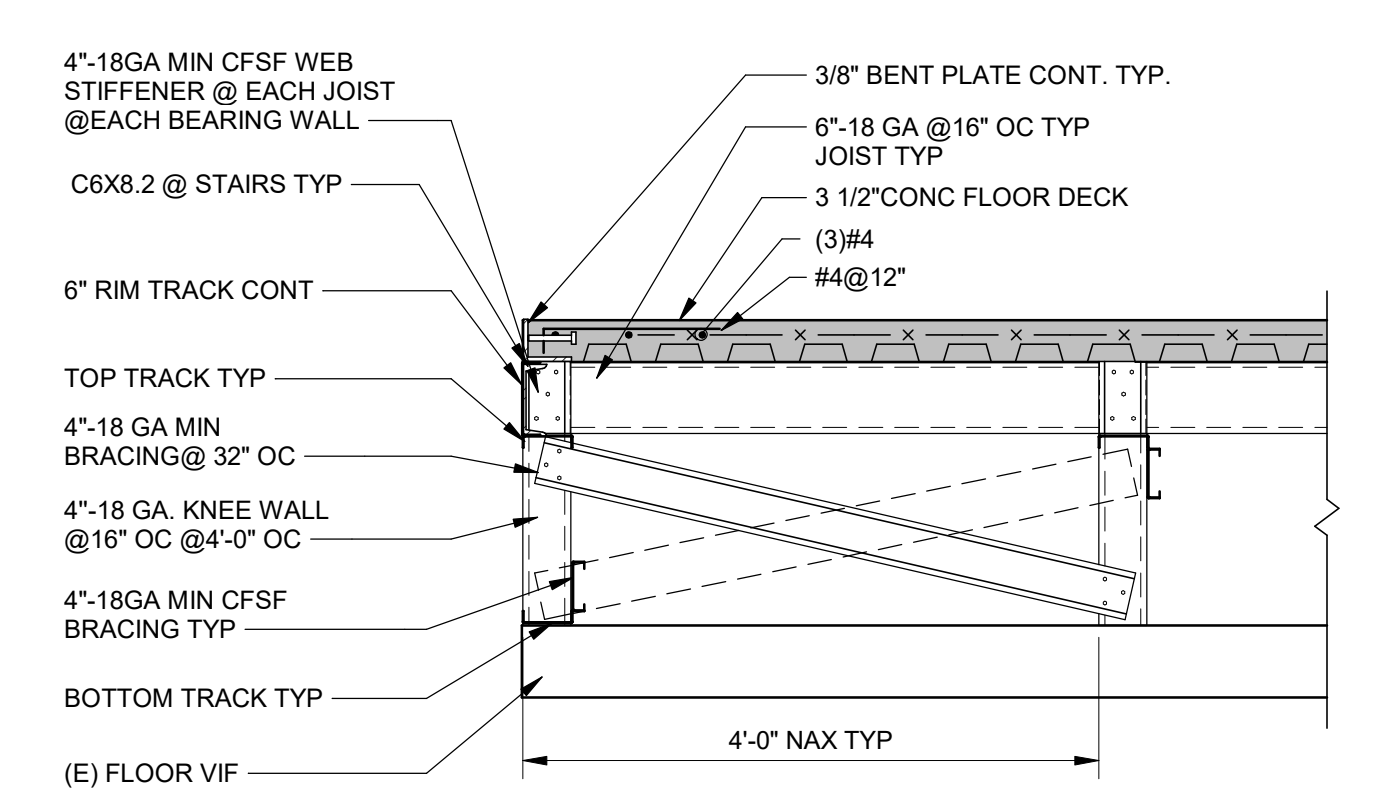
2 SECTION AT RAMP
 S6.1.15 3/4" = 1'-0"



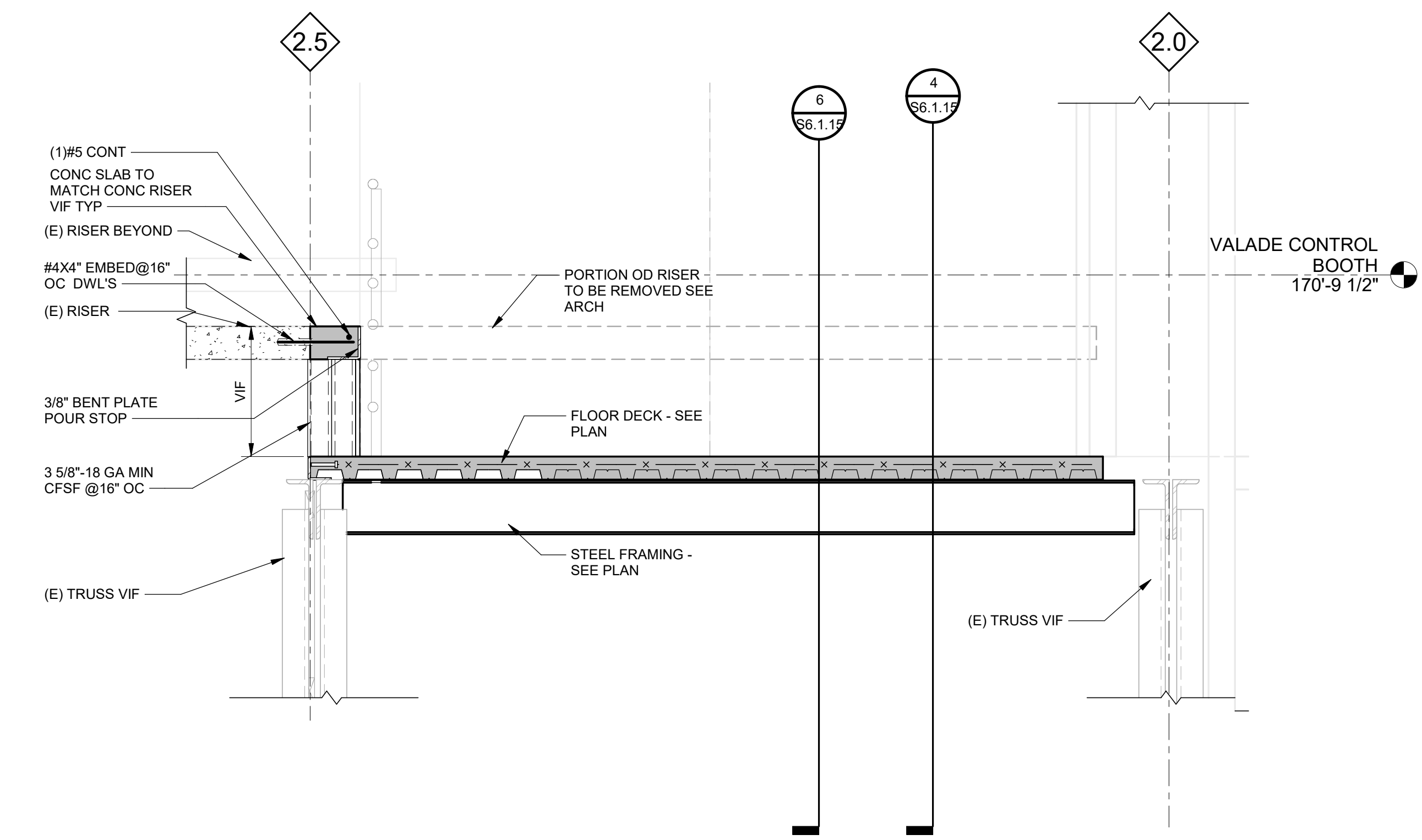
3 DETAIL - TOP LANDING
 S6.1.15 1" = 1'-0"



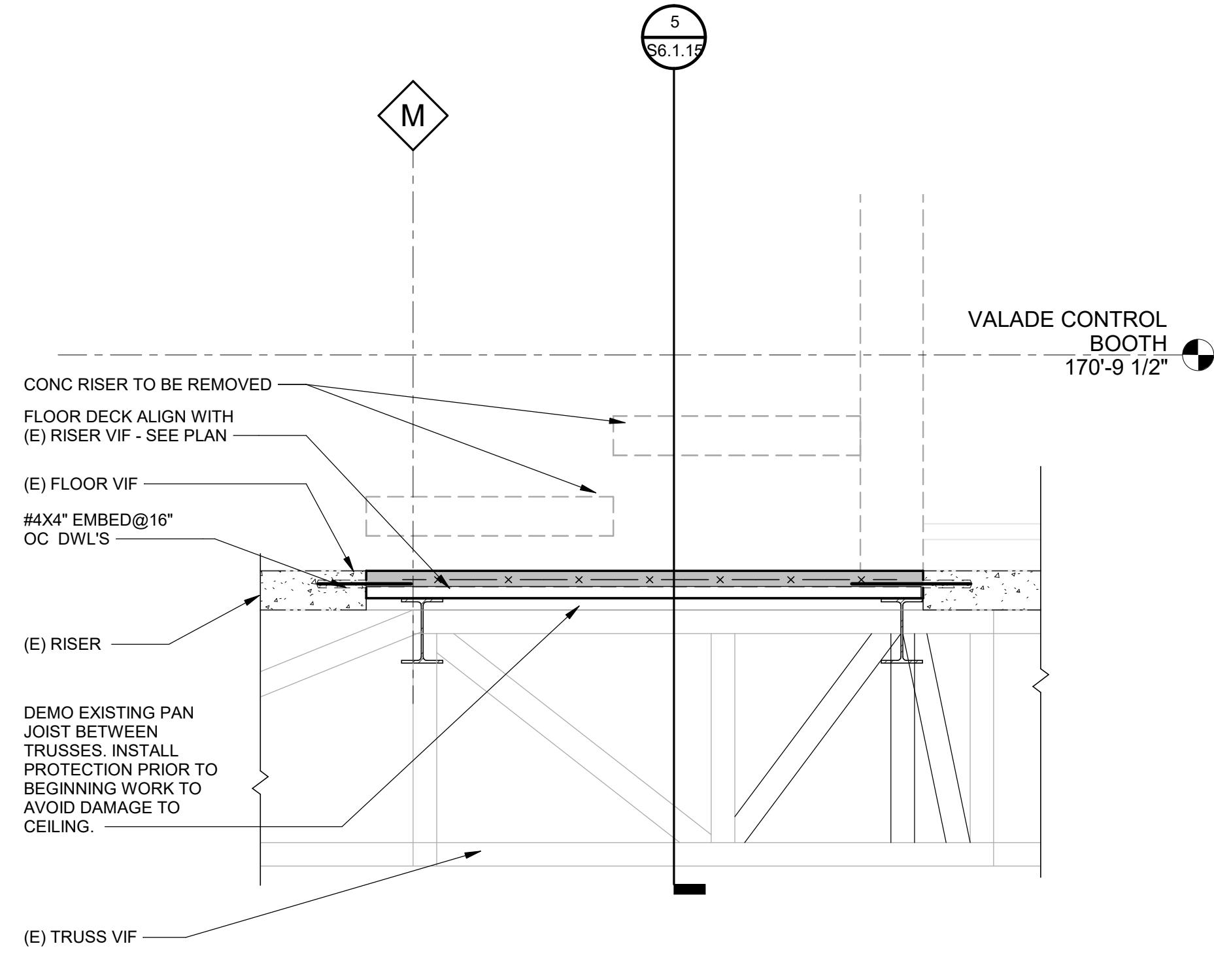
4 CONTROL BOOTH NORTH/SOUTH SECTION
 S6.1.15 1/2" = 1'-0"



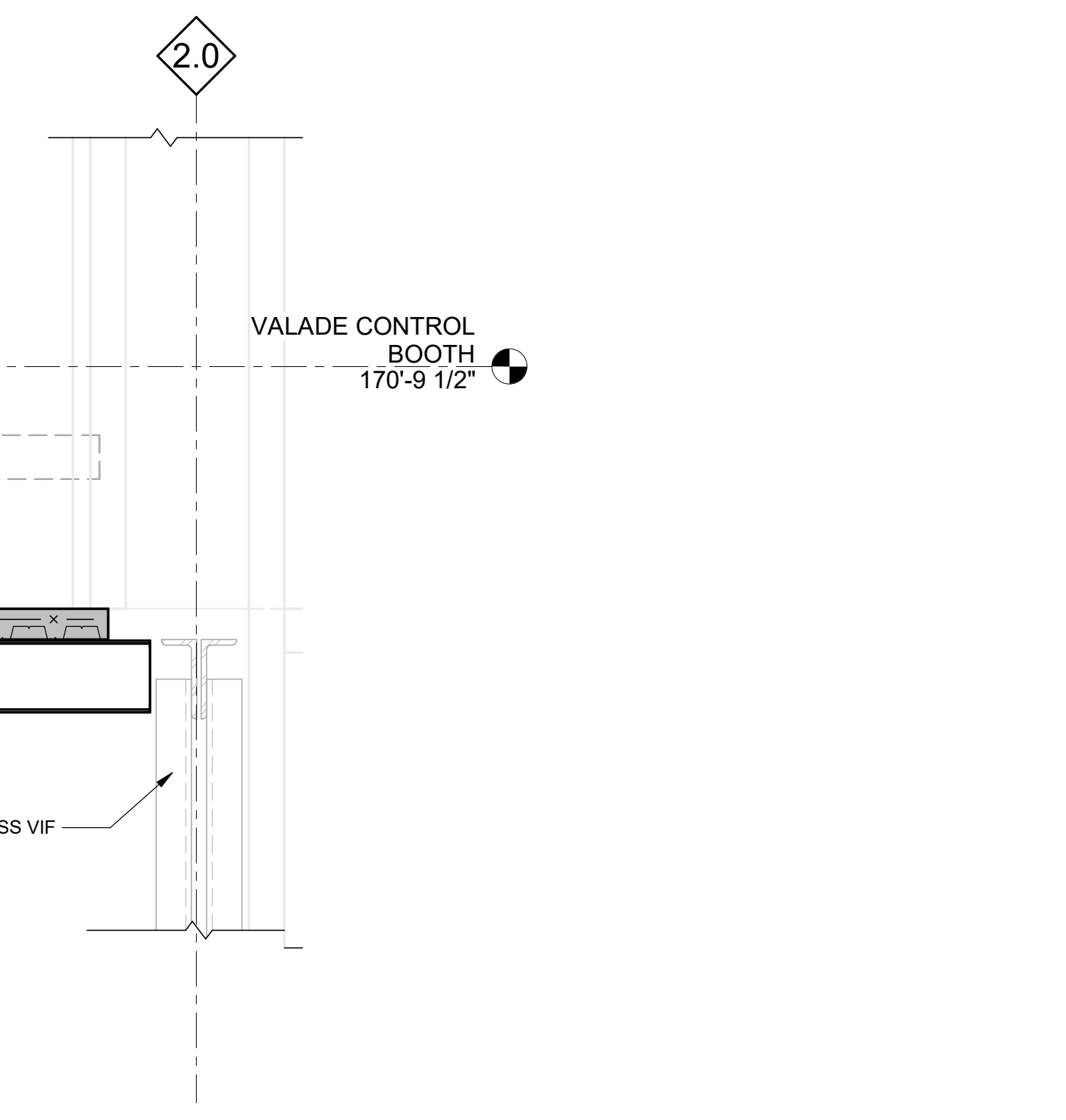
7 SECTION DETAIL
 S6.1.15 3/4" = 1'-0"



5 SECTION
 S6.1.15 3/4" = 1'-0"



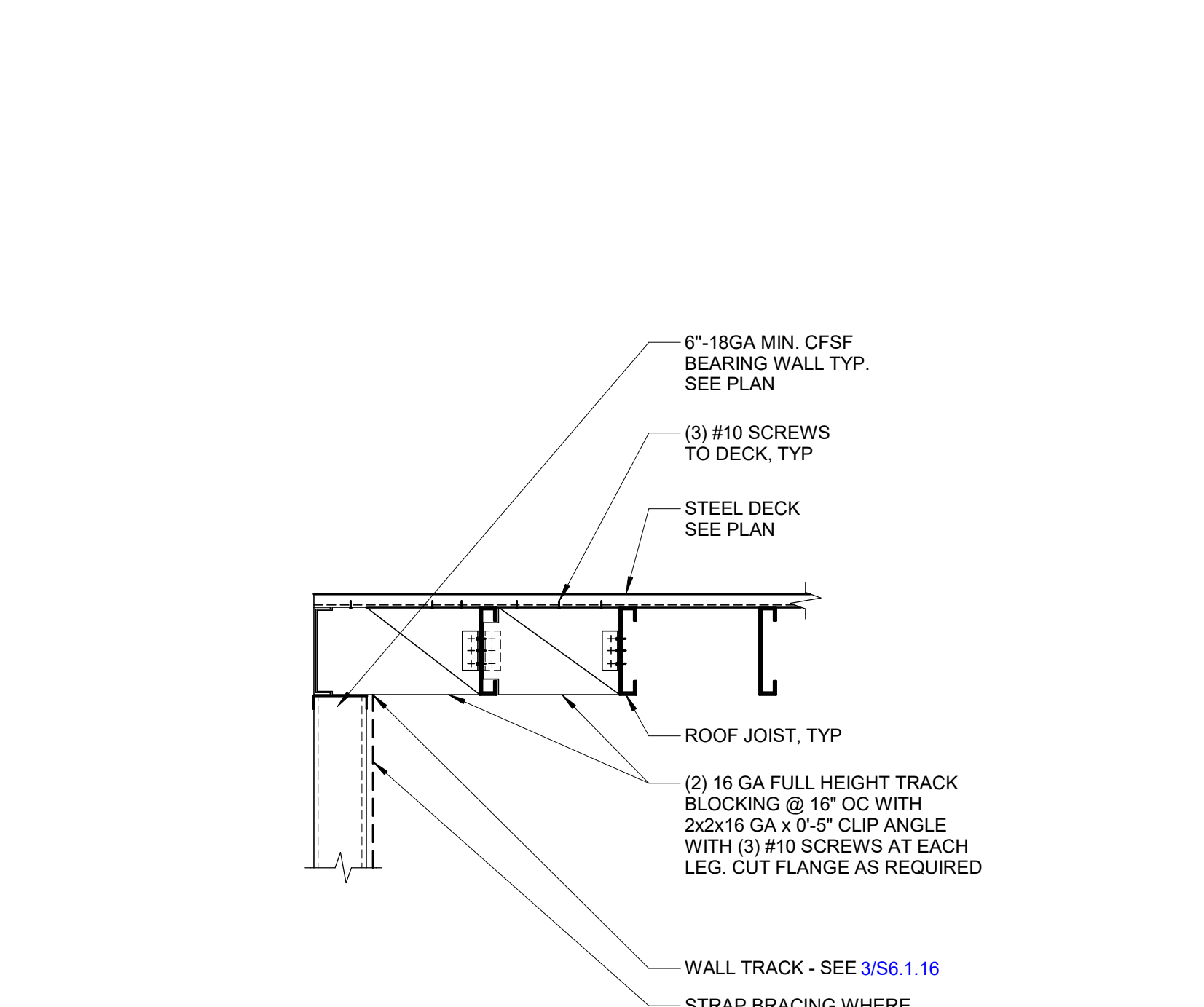
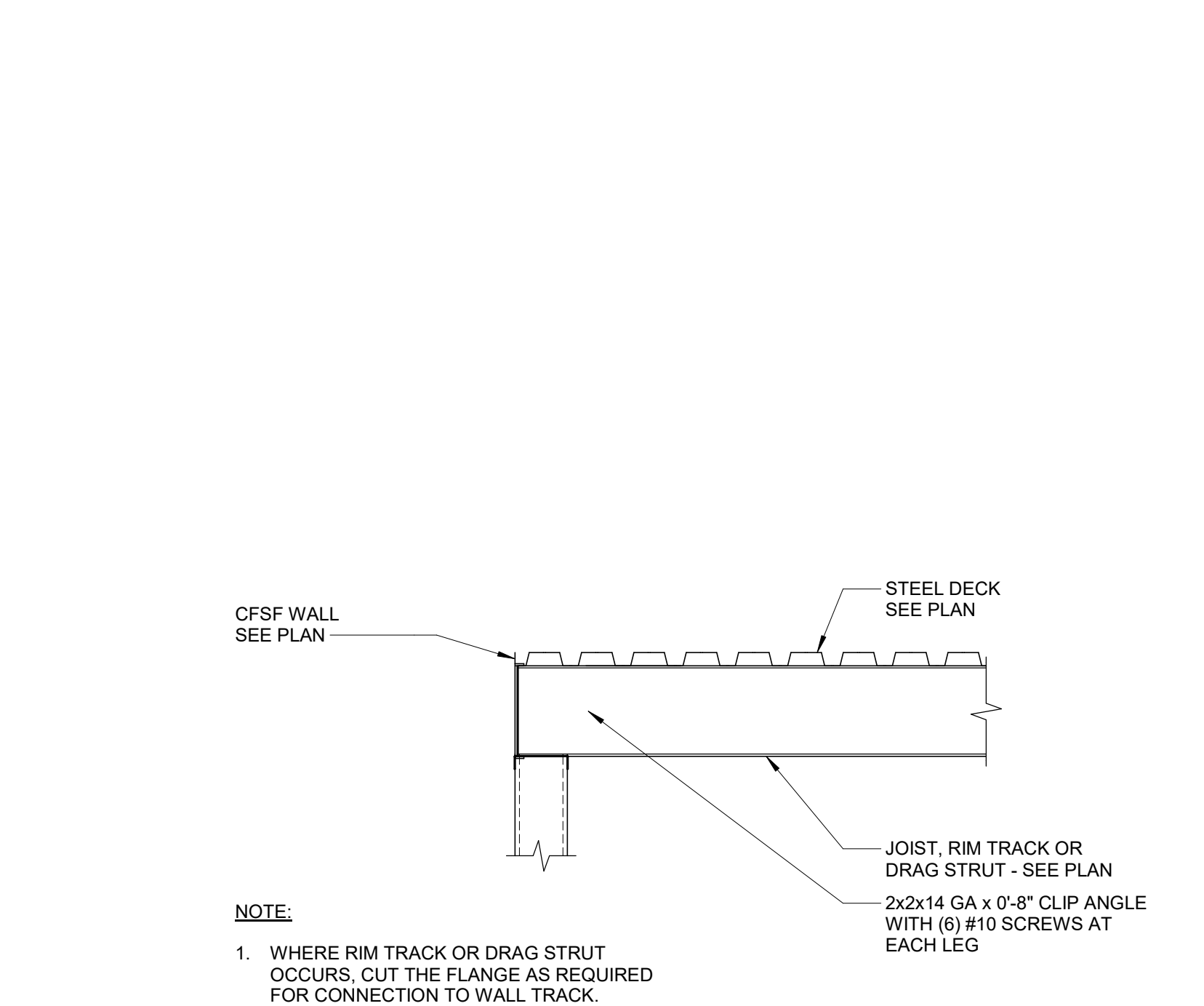
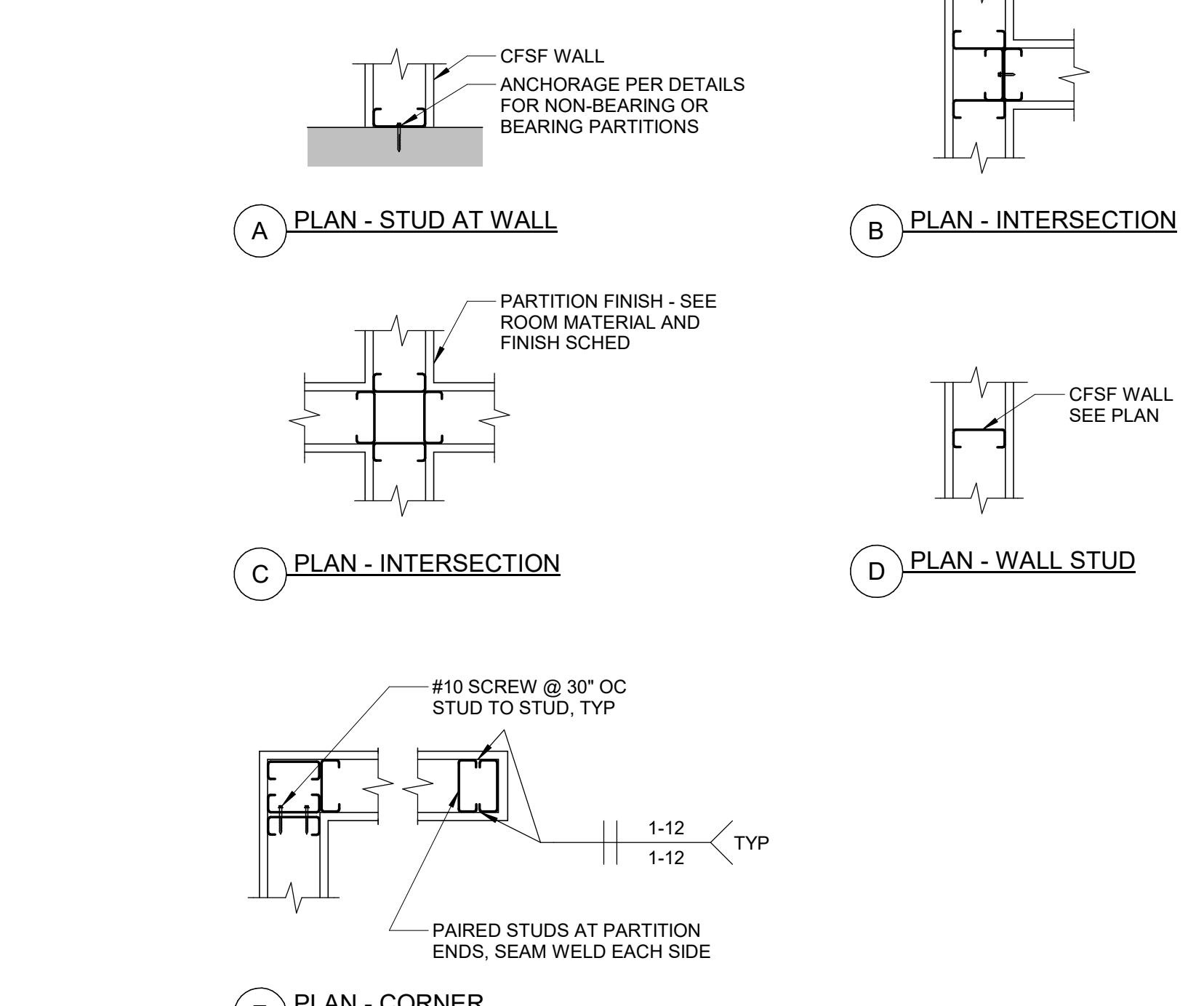
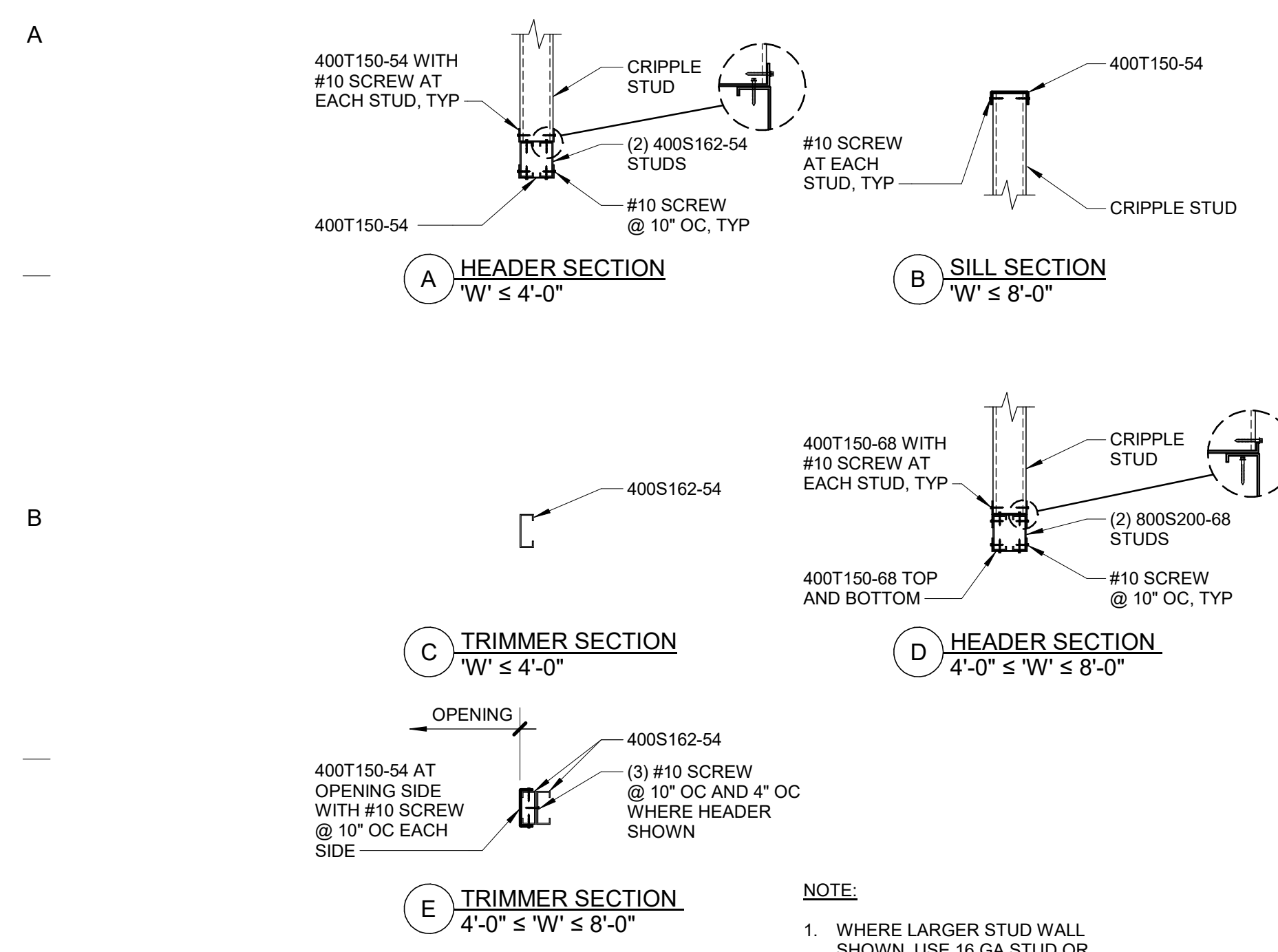
6 SECTION
 S6.1.15 3/4" = 1'-0"



8 Section 221
 S6.1.15 3/4" = 1'-0"

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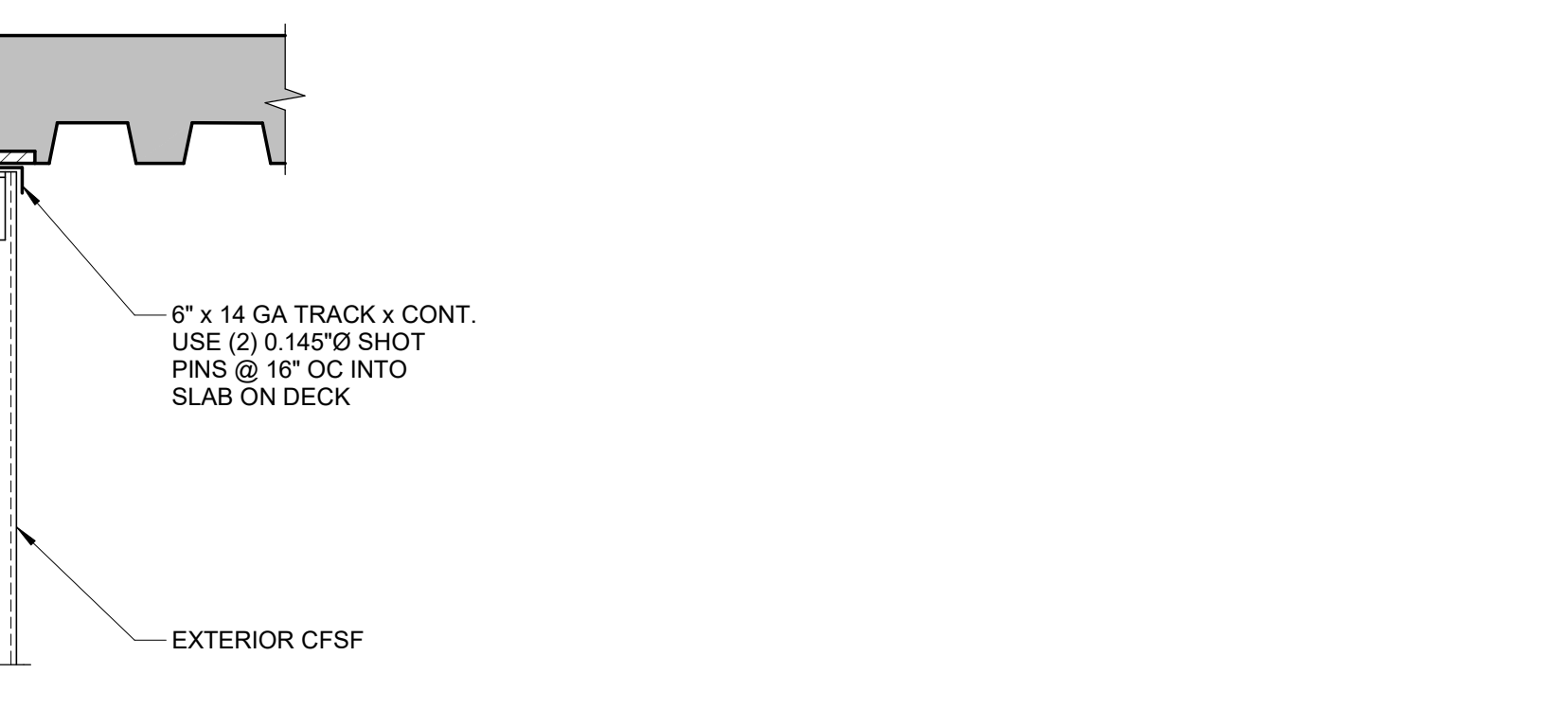
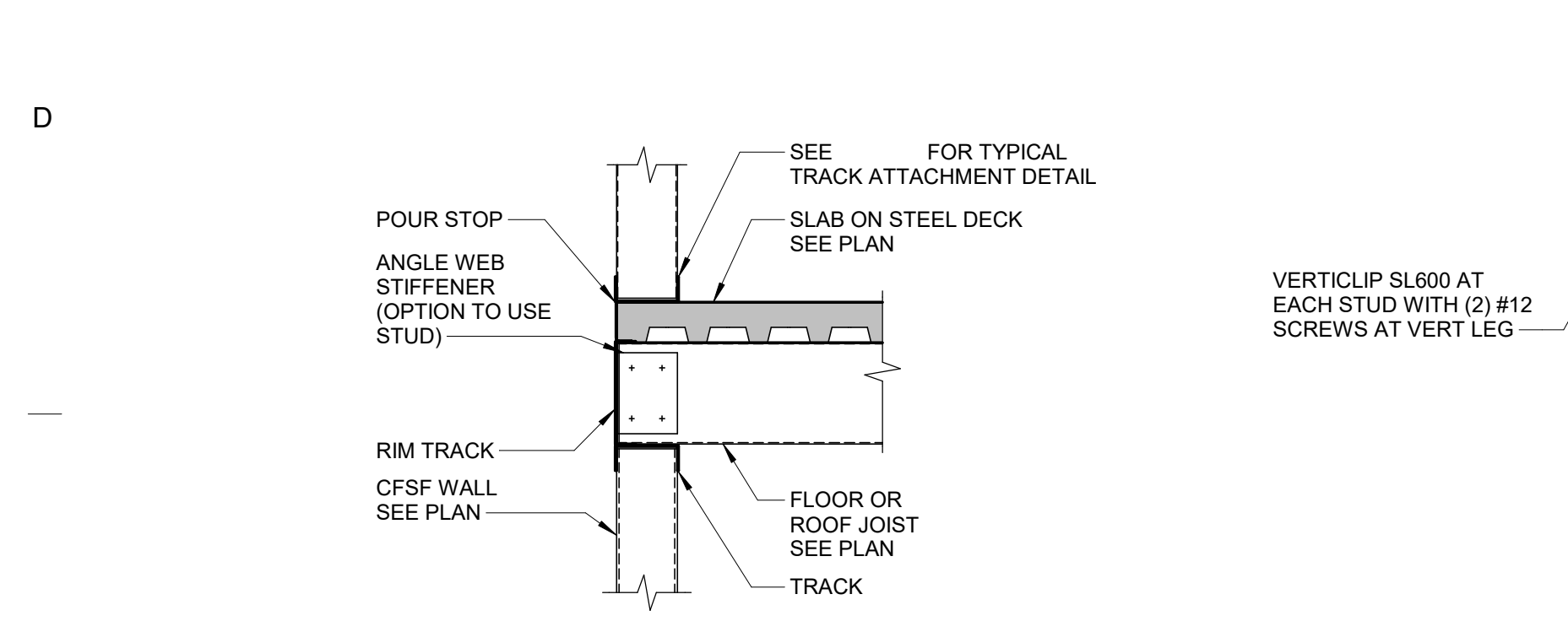
1 INTERIOR WALL OPENING DETAILS
S6.1.16 3/4" = 1'-0"

2 STUD WALL CORNER AND INTERSECTION PLANS
S6.1.16 3/4" = 1'-0"

3 JOIST BEARING LEDGER AT STUD WALL
S6.1.16 3/4" = 1'-0"

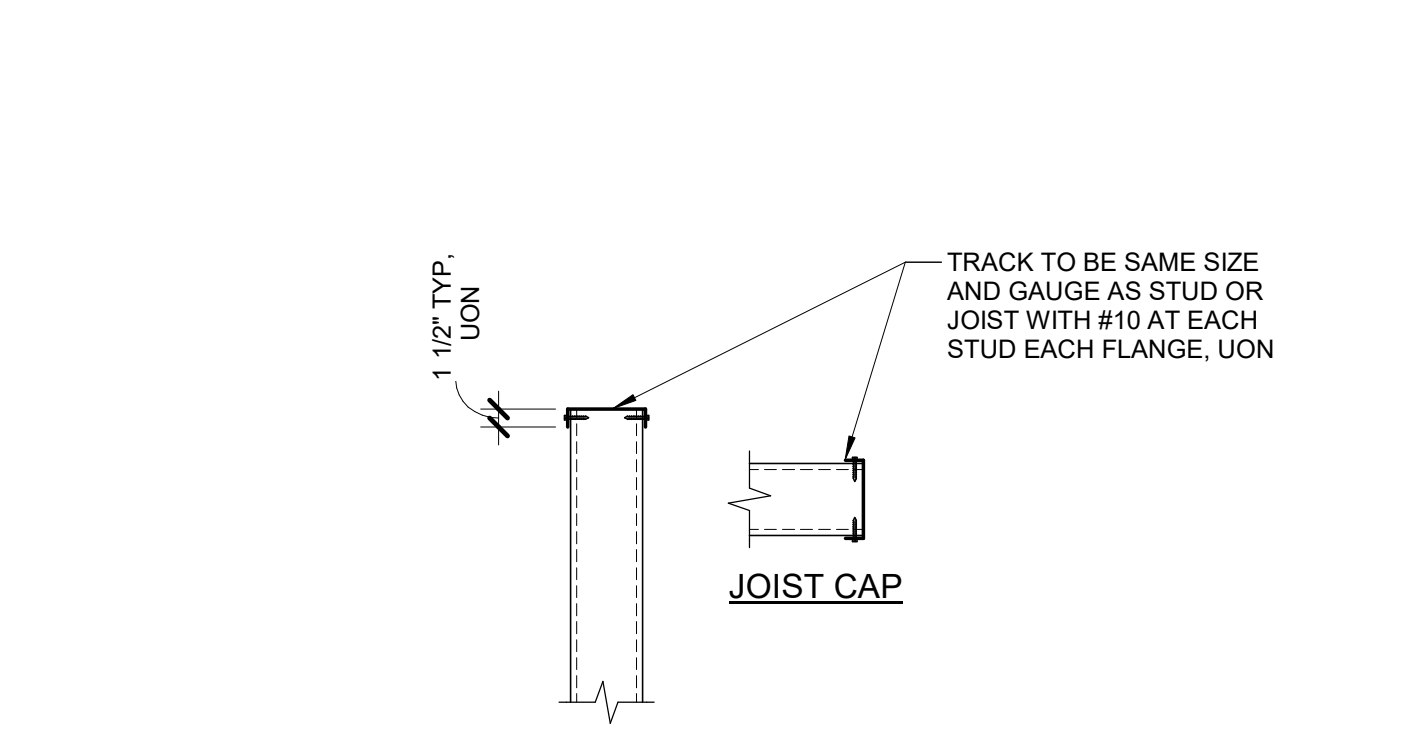
4 JOIST PARALLEL TO STUD WALL
S6.1.16 3/4" = 1'-0"

CFMF DETAILS PROVIDED ON SHEET S6.1.16 ARE CONCEPTUAL AND FOR BID PURPOSE ONLY. FINAL DESIGN AND DETAILING OF CONNECTION AND LIG FRAMING SHALL BE BY CONTRACTOR'S ENGINEER.

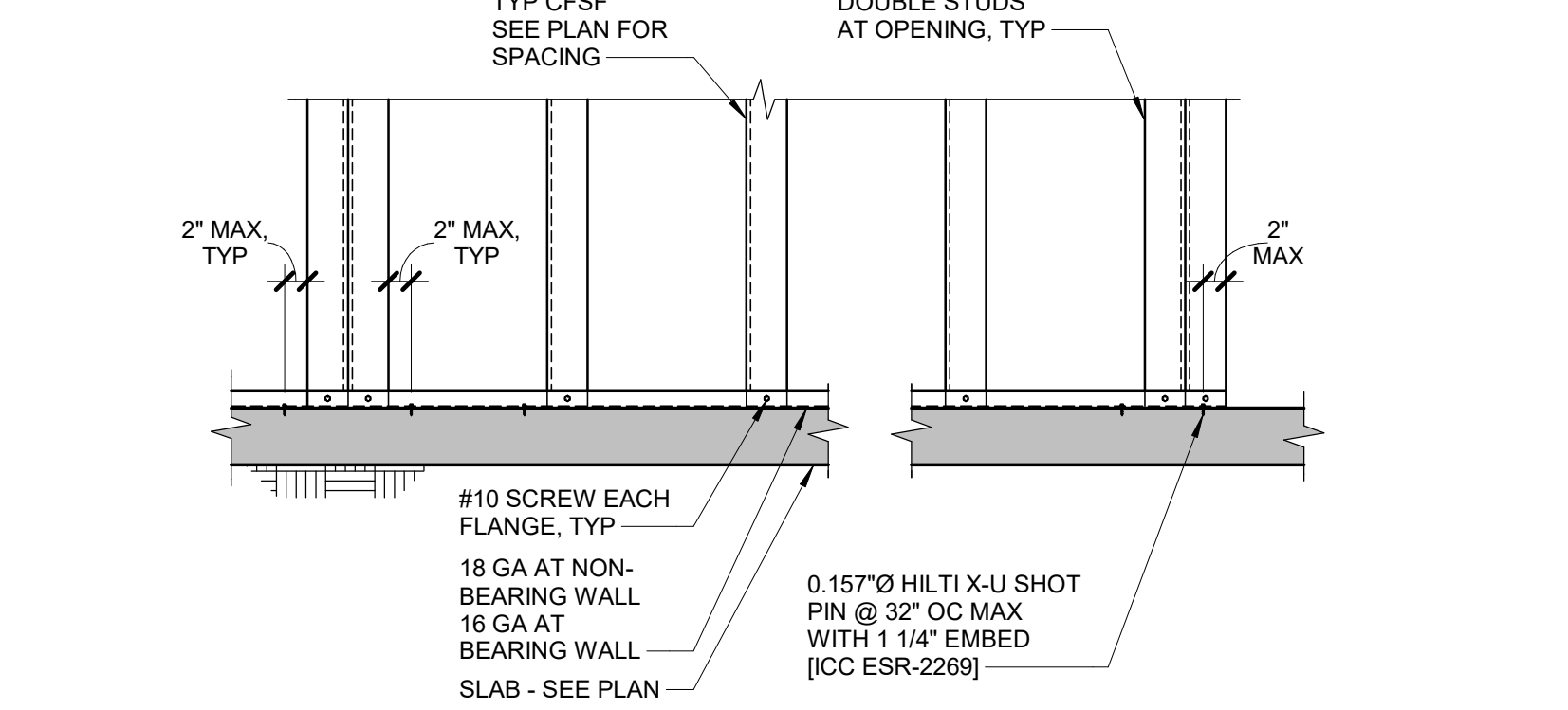


5 JOIST BEARING ON STUD WALL
S6.1.16 3/4" = 1'-0"

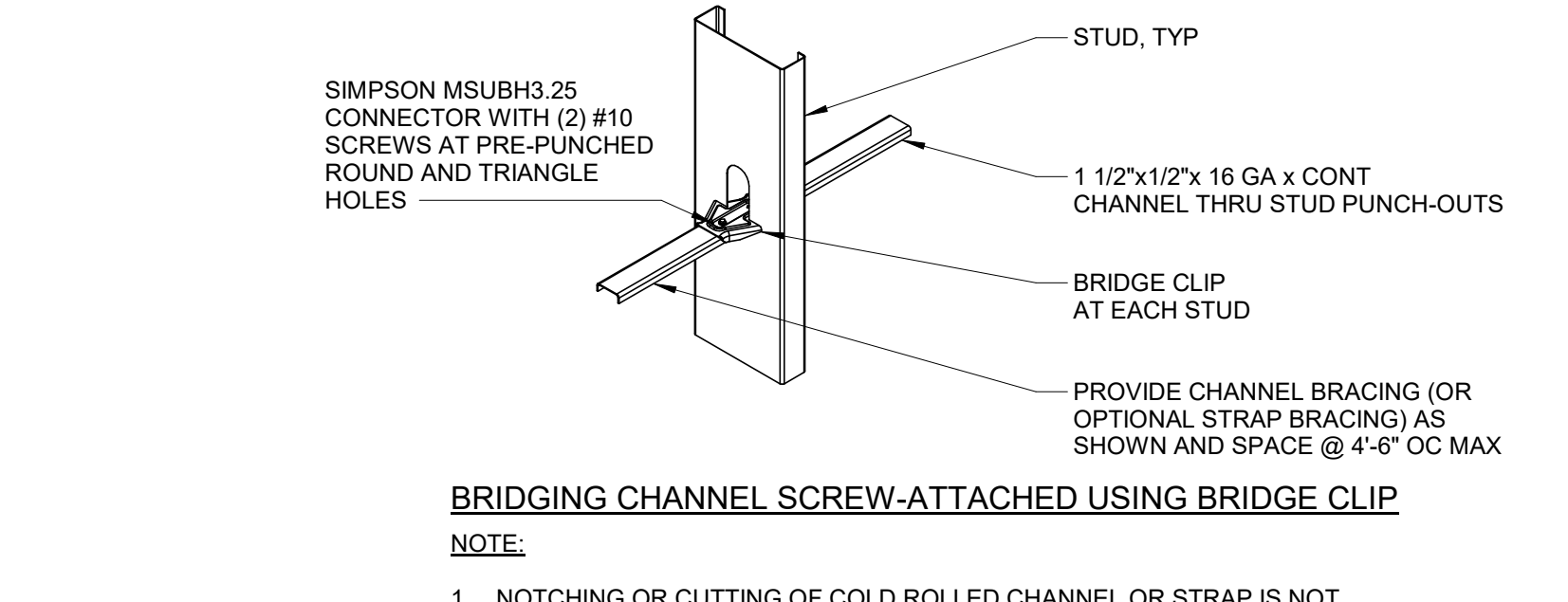
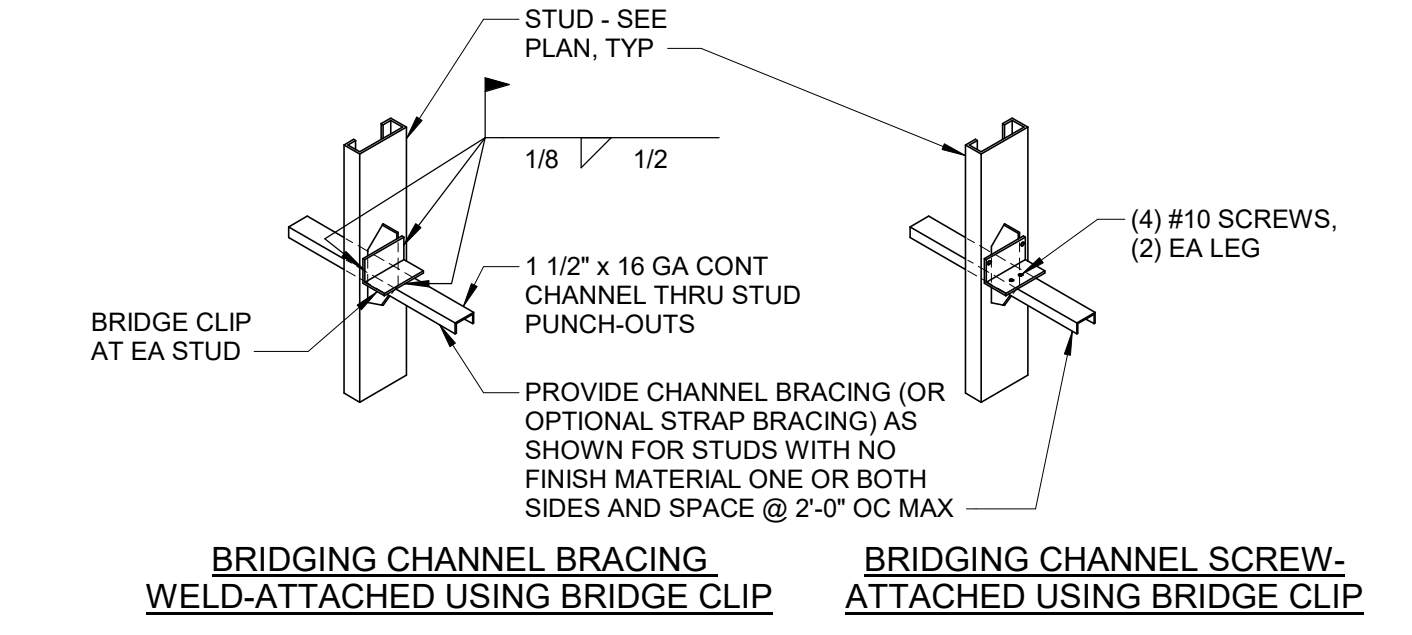
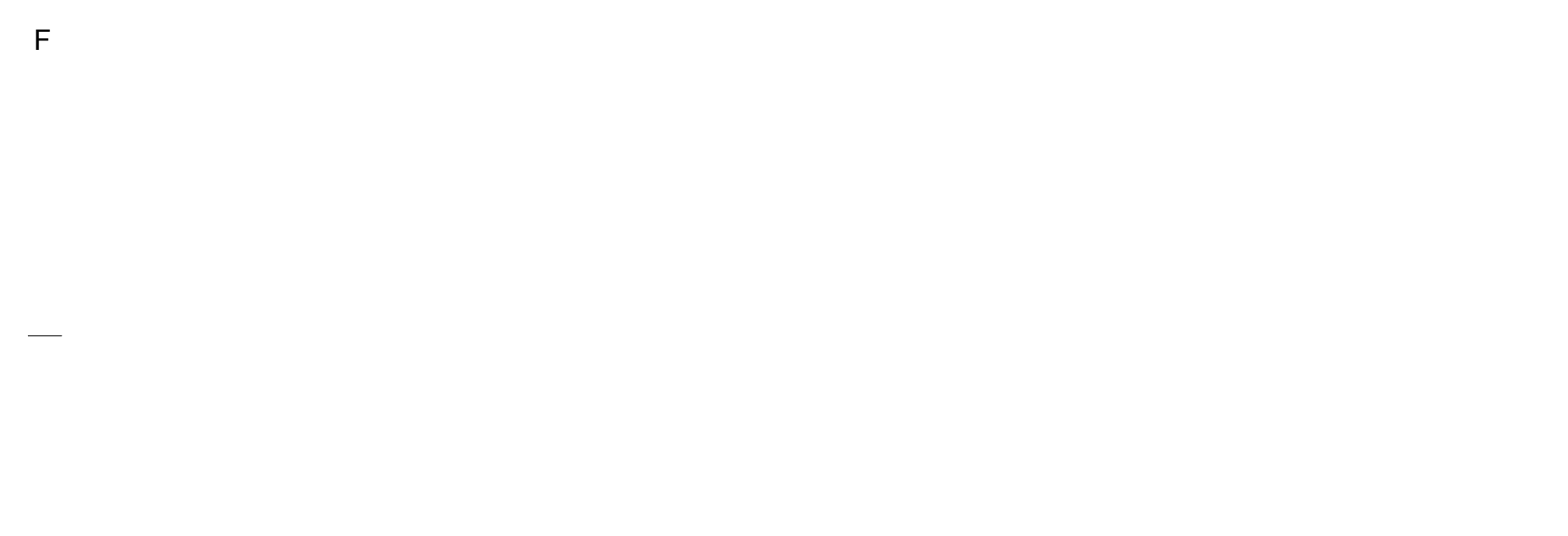
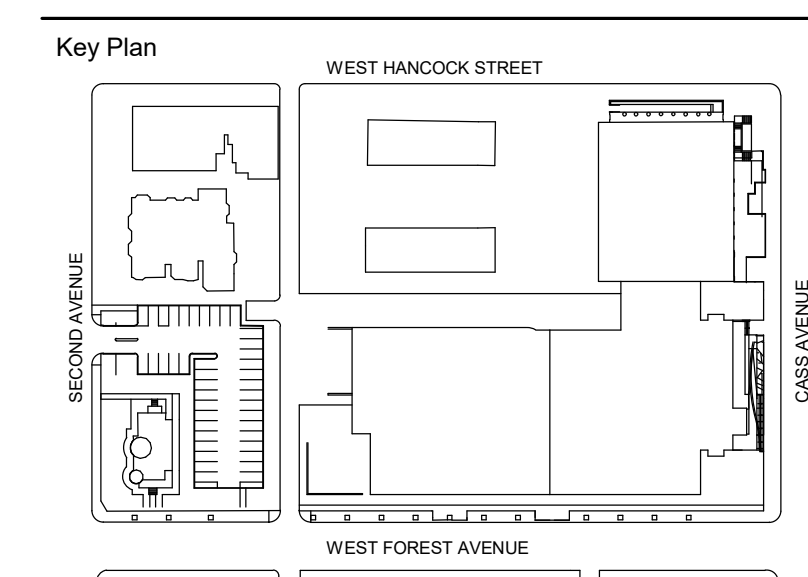
6 VERTICAL SLIDE CLIP CONNECTION
S6.1.16 3/4" = 1'-0"



7 TYPICAL STUD AND JOIST CAP
S6.1.16 3/4" = 1'-0"



8 BEARING/NON-BEARING WALL TRACK ANCHORAGE ELEVATION
S6.1.16 3/4" = 1'-0"



9 BRIDGING CHANNEL BRACING WELD-ATTACHED USING BRIDGE CLIP
S6.1.16 3/4" = 1'-0"

10 BRIDGING CHANNEL SCREW-ATTACHED USING BRIDGE CLIP
S6.1.16 3/4" = 1'-0"

11 OPTIONAL METHOD FLAT STRAP BRACING
S6.1.16 3/4" = 1'-0"

12 OPTIONAL METHOD FLAT STRAP BRACING
S6.1.16 3/4" = 1'-0"

BULLETIN 22 BP4 CONTROL BOOTH	APRIL 11, 2024
Project	WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO.	189-178578
Drawing Title	COLD FORM TYPICAL DETAILS
Project Number:	2018034.00
Drawn By:	FA
Scale:	3/4" = 1'-0"
Seal:	

WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578
Drawing Title
COLD FORM TYPICAL DETAILS

Project Number: 2018034.00
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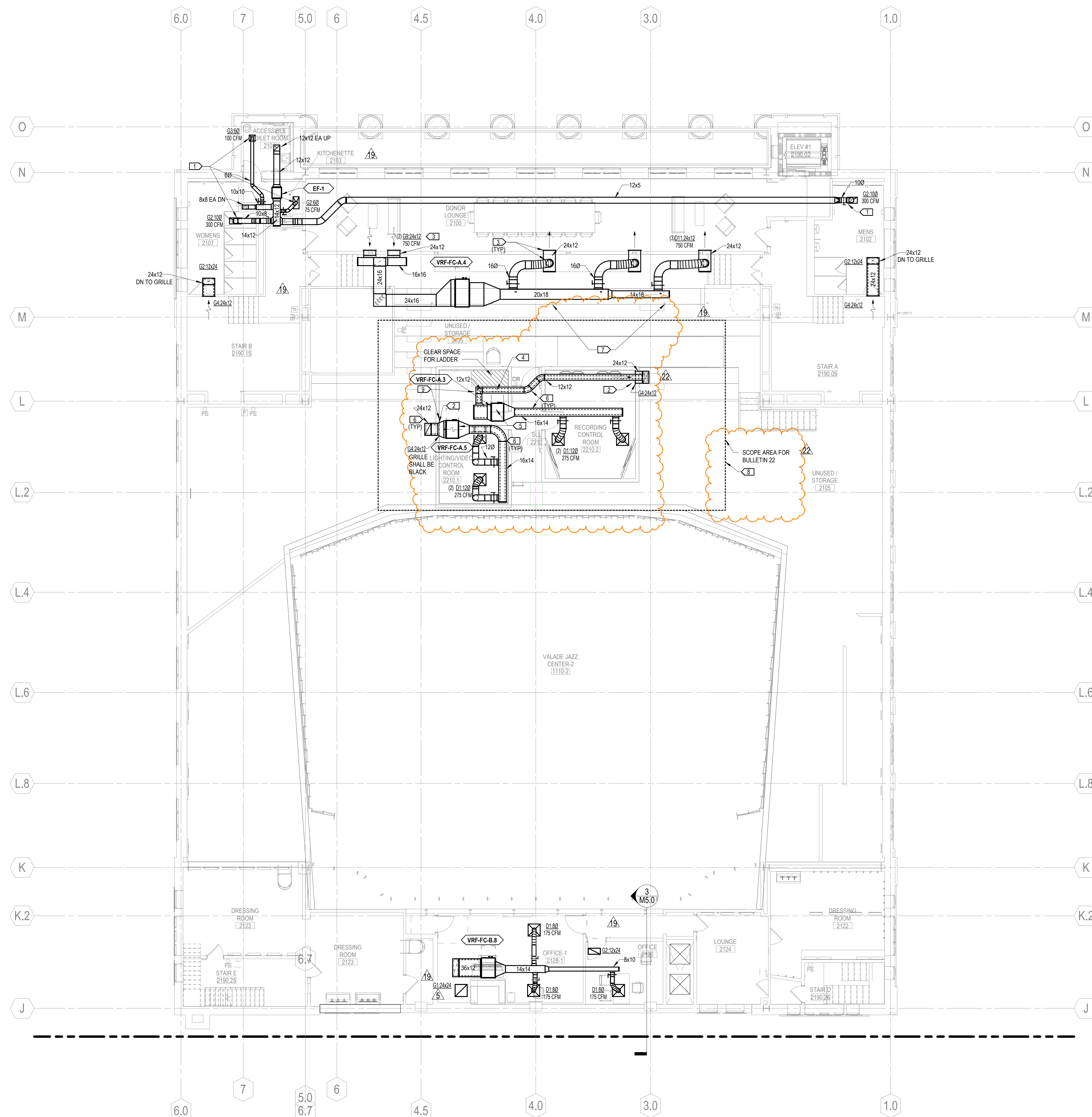


Signature:
Drawing No:

S6.1.16

PLAN KEY NOTES:

1. REFER TO LEVEL ABOVE FOR DUCTWORK CONTINUATION.
2. RETURN AIR GRILLES SHALL BE LOCATED 12" FROM BOTTOM OF FLOOR.
3. REFER TO A6.4.2 FOR SPECIFIC DIFFUSER MOUNTING LOCATION AND ELEVATION. PROVIDE PLENUM BEHIND DIFFUSER WITH INTERIOR SURFACE PAINTED FLAT BLACK. FLEX DUCTWORK SHALL HAVE TOP CONNECTION TO PLENUM.
4. RELOCATE EXISTING FAN COIL TO NEW LOCATION. EXISTING LOCATION IS APPROXIMATELY 10'-15' FROM NEW LOCATION. REMOVE ALL EXISTING SUPPORTS, DUCTWORK, PIPING AND CONTROLS. IT IS ACCEPTABLE TO SALVAGE TO REUSE TO ACCOMMODATE NEW LAYOUT.
5. VRF FAN COILS SHALL BE MOUNTED OVER HARD STRUCTURE OVER ROOM. PROVIDE UNISTRUT STAND TO SUPPORT UNITS BY SPRING VIBRATION ISOLATION WITH 1" DEFLECTION.
6. PROVIDE DUCT LINER ON ALL RECTANGULAR DUCTWORK. REFER TO SPECIFICATIONS FOR LINER REQUIREMENTS.
7. MODIFY EXISTING UNISTRUT STRUCTURE FOR ADJACENT DUCTWORK STAND TO AVOID NEW RAMP SERVING CONTROL BOOTH. RELOCATE AND MODIFY UNISTRUT SUPPORT ACCOMMODATING RAMP.
8. REMOVE ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING TO ACCOMMODATE NEW FLOOR PLAN LAYOUT. REFER TO ARCHITECTURAL PLANS FOR FULL EXTENTS OF SCOPE. RE-ROUTE OR RE-INSTALL SYSTEMS THAT ARE COORDINATED AROUND NEW FLOOR PLAN THAT ARE SERVING EQUIPMENT OUTSIDE AREA SCOPE OF WORK.
9. COORDINATE HEIGHT AND SPACING OF ALL NEW MECHANICAL SYSTEMS TO ALLOW FOR MAINTENANCE ACCESS.

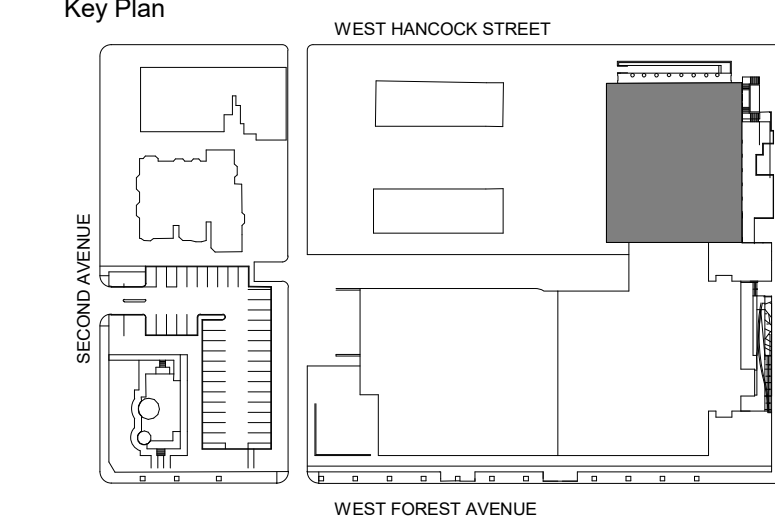


1 LEVEL TWO HVAC PLAN - SECTOR A
 1/8" = 1'-0"

Owner	Wayne State University FP&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
Contractor	Walbridge 777 Woodward Ave. Suite 300 Detroit, MI 48202 313.963.9000
Executive Architect	Hamilton Anderson 1435 Randolph Street, Suite 200 Detroit, MI 48226 313.964.0270
Design Architect	HGA 420 5th Street N, Suite 100 Minneapolis, MN 55401 612.758.4000
MEP Engineer	HGA 420 5th Street N, Suite 100 Minneapolis, MN 55401 612.758.4000
Structural Engineer	DESI / NASR Consulting Engineers 6765 Daly Road West Bloomfield, MI 48322 248.392.2010
Civil Engineer	Spalding DeDecker 905 South Blvd East Rochester Hills, MI 48307 800.598.1600
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Lighting	Auerbach Glasow 1045 Sansome Street, Suite 300 San Francisco, CA 94111 415.392.7528
Acoustics / AV	Jaffe Holden 114-A Washington Street Norwalk, CT 06864 203.638.4168

DETROIT, MI

Key Plan



BULLETIN 22 BP4 CONTROL BOOTH	APRIL 11, 2024
BULLETIN 19 BP4 2023-09-29	SEPT 29, 2023
BULLETIN 05-BP4 2020-10-02	OCT. 2, 2020
PERMIT SET	JUNE 29, 2020

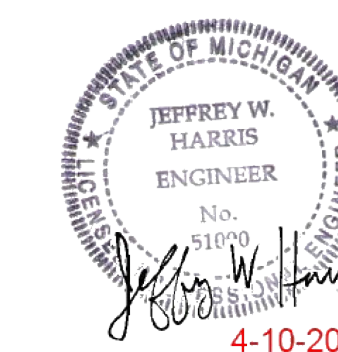
Project
WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
 Drawing Title
LEVEL TWO HVAC - SECTOR A

Project Number: 3995-001-00

Drawn By: BDP

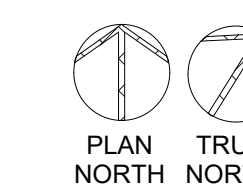
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Seal:



Signature:

Drawing No:



M2.2A

MECHANICAL PIPING GENERAL NOTES:

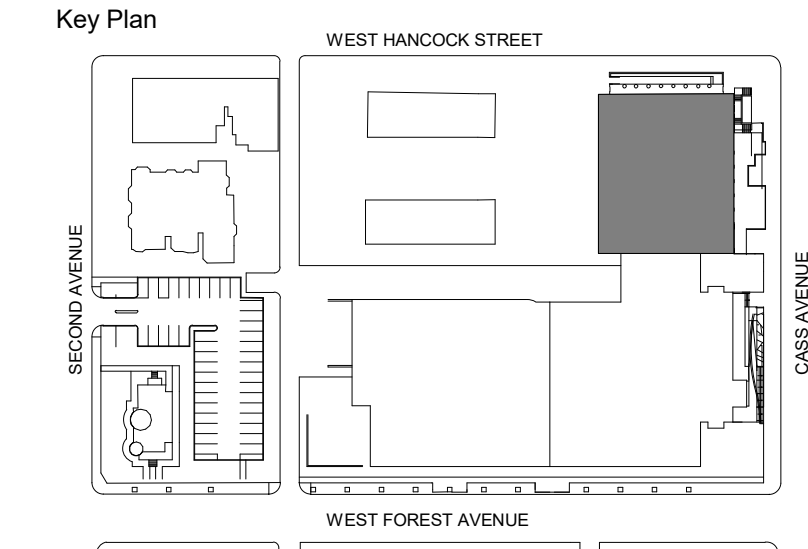
- A. ALL REFRIGERANT PIPING SHALL BE SIZED PER EQUIPMENT MANUFACTURER.
- B. ALL REFRIGERANT PIPE ROUTING SHALL BE APPROVED BY VRF MANUFACTURER. MANUFACTURER SHALL CONFIRM MAXIMUM PIPE LENGTH REQUIREMENTS, HEAT RECOVERY BOX LOCATIONS AND SLOPING REQUIREMENTS.

PLAN KEY NOTES:

1. EXISTING RADIATORS TO REMAIN.
2. NOT USED.
3. PROVIDE PLASTIC LABEL LOCATED AT END CAPPED PIPES THAT IS TAGGED: "FUTURE 1.5 TON UNIT SERVING BOH VESTIBULE".
4. PROVIDE PLASTIC LABEL LOCATED AT END CAPPED PIPES THAT IS TAGGED: "FUTURE 1.5 TON UNIT SERVING DRESSING ROOM".
5. PROVIDE PLASTIC LABEL LOCATED AT END CAPPED PIPES THAT IS TAGGED: "FUTURE 2.0 TON UNIT SERVING DRESSING ROOM".
6. PROVIDE PLASTIC LABEL LOCATED AT END CAPPED PIPES THAT IS TAGGED: "FUTURE 3.0 TON UNIT SERVING DONOR LOUNGE".
7. NOT USED.
8. STACK PIPING ALONG PERIMETER OF WALL, TIGHT TO UNDERSIDE OF STRUCTURE ABOVE.
9. PROVIDE NEW RADIATOR COVER TO ENCLOSE BOTH ELEMENTS. COVER STYLE SHALL MATCH EXISTING COVERS PREVIOUSLY REMOVED. RADIATOR HEATING ELEMENTS AND PIPING SHALL REMAIN.
10. TEMPERATURE SENSOR SHALL CONTROL UNIT HEATER AND VRF MOTORIZED DAMPERS. COOLING SET POINT FOR MOTORIZED DAMPERS SHALL BE SET TO 60 DEG (ADJ) AND HEATING SET POINT FOR UNIT HEATER SHALL BE SET TO 60 DEG (ADJ). REFER TO HVAC PLANS FOR MORE INFORMATION.
11. REMOVE EXISTING HEAT RECOVERY BOX AND DISCONNECT EXISTING REFRIGERANT PIPING. RECOVER ALL REFRIGERANT IN SYSTEM AND RECORD SYSTEM CHARGE. COORDINATE DEMO OF HRB SO THAT OTHER ZONES MAY ONLY BE DOWN FOR MAXIMUM OF 3 DAYS. REPLACE WITH NEW UPSIZED HRB. REUSING EXISTING SUPPORTS IS ACCEPTABLE, OR PROVIDE NEW SUPPORTS. RECHARGE REFRIGERANT FOR THIS VRF HRB ZONE PER MANUFACTURER'S INSTRUCTION.
12. LG VRF VENDOR SHALL CONFIRM ALL REFRIGERANT PIPE SIZES ARE SUFFICIENT THAT SERVE HEAT RECOVERY BOX. DESIGN ENGINEER HAS PRELIMINARILY COORDINATED THIS DESIGN WITH LG AND PIPES FROM CONDENSING UNIT DID NOT REQUIRE TO BE UPSIZED, HOWEVER ACTUAL FIELD CONDITIONS TO VERIFY THIS DECISION. CONTRACTOR TO CONFIRM FINAL SIZING REQUIREMENTS WITH VRF VENDOR.
13. RE-ROUTE CONDENSATE AND CONNECT TO EXISTING CONDENSATE BRANCH PIPE. FIELD VERIFY ACTUAL LOCATION OF CONDENSATE PIPE.
14. REMOVE ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING TO ACCOMMODATE NEW FLOOR PLAN LAYOUT. REFER TO ARCHITECTURAL PLANS FOR FULL EXTENTS OF SCOPE. RE-ROUTE OR RE-INSTALL SYSTEMS THAT ARE COORDINATED AROUND NEW FLOOR PLAN THAT ARE SERVING EQUIPMENT OUTSIDE AREA SCOPE OF WORK.

Owner	Wayne State University FP&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
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Acoustics / AV	Jaffe Holden 114-A Washington Street Norwalk, CT 06864 203.638.4168

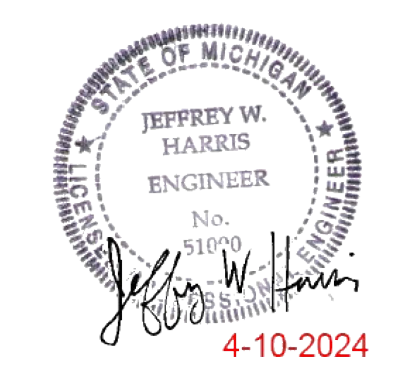
DETROIT, MI



BULLETIN 22 BP4 CONTROL BOOTH	APRIL 11, 2024
BULLETIN 19 BP4 2023-09-29	SEPT 29, 2023
BULLETIN 05-BP4 2020-10-02	OCT. 2, 2020
PERMIT SET	JUNE 29, 2020

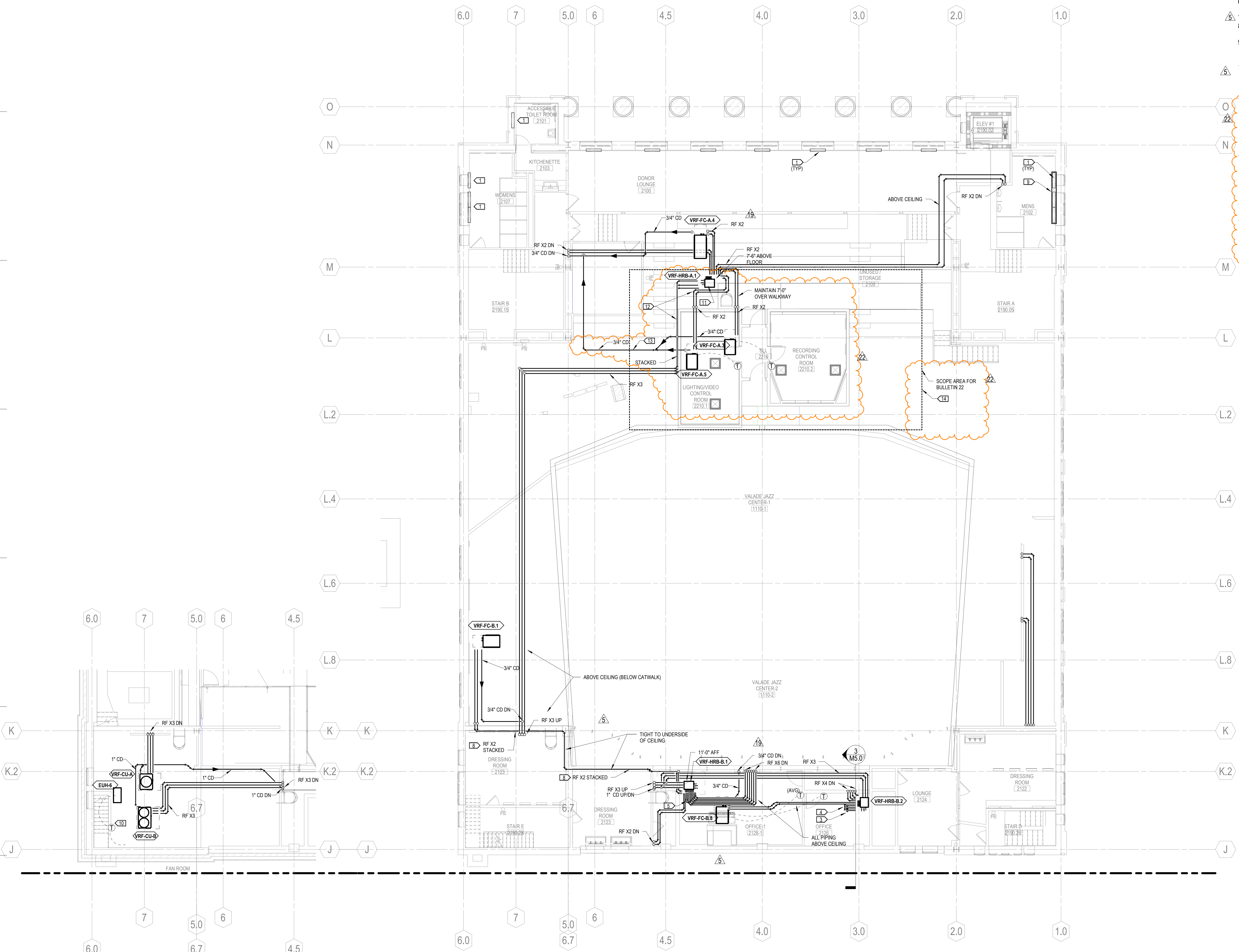
WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
 Drawing Title
LEVEL TWO MECHANICAL PIPING - SECTOR A

Project Number: 3995-001-00
 Drawn By: BDP
 Scale: 1/8" = 1'-0"
 Seal:



Signature:
 Drawing No:

M3.2A



2 CATWALK LEVEL - MECHANICAL PIPING - SECTOR A
 1/8" = 1'-0"

1 LEVEL TWO MECHANICAL PIPING - SECTOR A
 1/8" = 1'-0"

UNIT NUMBER		ROOM / LOCATION		BOX DATA										HEATING COIL DATA										BASIS OF DESIGN			
MARK	TAG	NAME	NUMBER	MAX AIRFLOW (CFM)	MIN AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	INLET (IN.)	OUTLET (W"xH")	MAX. DISCHARGE NC	MAX AIR PD (IN. WG)	HEATING CAPACITY	FLOW (GPM)	MAX FLUID PD (FT. WC)	EAT (°F)	LAT (°F)	EFT (°F)	LFT (°F)	RUNOUT PIPE SIZE (IN.)	CONTROL VALVE TYPE	ROWS	MANUFACTURER	MODEL	NOTES				
VAV	1.01	MECHANICAL PENTHOUSE	2315	7,000	2,100	1,500	28x28	28x28	20	0.30											TITUS	DESV-12					
VAV	2.01	CORRIDOR	0290.21	1,210	0	600	12	16x15	20	0.50	24.0	2.8	2.1	53	90.0	120	103	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	2.02	CORRIDOR	0290.21	600	180	300	8	12x8	22	0.40	12.0	3.4	1.7	53	90.0	120	113	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	2.03	CORRIDOR	0290.20	625	0	300	8	12x8	22	0.40	12.0	3.4	1.7	53	90.0	120	113	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	2.04	MECHANICAL PENTHOUSE	2315	4,000	1,200	2,500	24x16	38x18	25	0.70	91.8	9.7	10.5	53	87.0	120	101	1 1/4"	2 WAY	2	TITUS	DESV-24X16					
VAV	2.05	MECHANICAL PENTHOUSE	2315	4,000	1,200	2,500	24x16	38x18	25	0.70	91.8	9.7	10.5	53	87.0	120	101	1 1/4"	2 WAY	2	TITUS	DESV-24X16					
VAV	2.06	MECH	2290.08	1,100	330	550	10	14x13	20	0.60	22.0	3.7	2.9	53	90.0	120	108	3/4"	2 WAY	2	TITUS	DESV-10					
VAV	2.07	MECH	2290.08	1,000	300	500	10	14x13	20	0.60	20.0	2.9	1.8	53	90.0	120	106	3/4"	2 WAY	2	TITUS	DESV-10					
VAV	2.08	MECHANICAL PENTHOUSE	2315	4,800	1,440	2,900	24x16	38x18	25	0.90	106.5	7.3	3.2	53	87.0	120	91	1 1/4"	2 WAY	3	TITUS	DESV-24X16					
VAV	2.09	STORAGE	1225	485	0	200	8	12x8	22	0.30	8.0	1.8	0.5	53	90.0	120	111	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	2.10	BOH STORAGE	1235	800	0	400	10	14x13	20	0.70	16.0	3.2	1.8	53	90.0	120	110	3/4"	2 WAY	2	TITUS	DESV-10					
VAV	2.11	BOH STORAGE	1235	600	180	300	8	12x8	22	0.30	12.0	3.4	1.7	53	90.0	120	113	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	2.12	CONTROL ROOM (ST)	2223	800	240	400	10	14x13	20	0.50	16.0	3.2	1.8	53	90.0	120	110	3/4"	2 WAY	2	TITUS	DESV-10					
VAV	2.13	MECHANICAL PENTHOUSE	2315	500	0	250	8	12x8	22	0.30	10.0	1.8	0.5	53	90.0	120	109	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	3.01	CORRIDOR-1	1390.04-1	1,175	353	600	12	16x15	20	0.40	24.0	5.3	7.0	53	90.0	120	111	1"	2 WAY	2	TITUS	DESV-12					
VAV	3.02	ELEC/SOUND SHOP/STOR	1328	360	108	180	6	12x8	25	0.20	7.2	1.3	0.5	53	90.0	120	109	3/4"	2 WAY	2	TITUS	DESV-6					
VAV	3.03	ELEC/SOUND SHOP/STOR	1328	1,000	300	500	10	14x13	20	0.60	20.0	2.9	1.8	53	90.0	120	106	3/4"	2 WAY	2	TITUS	DESV-10					
VAV	3.04	CORRIDOR-1	1390.04-1	1,215	365	600	12	16x15	20	0.40	24.0	5.3	7.1	53	90.0	120	111	1"	2 WAY	2	TITUS	DESV-12					
VAV	3.05	CORRIDOR-1	1390.04-1	1,100	330	1,100	10	14x13	20	0.70	44.0	5.5	3.0	53	90.0	120	104	1"	2 WAY	2	TITUS	DESV-10					
VAV	3.06	CORRIDOR-1	1390.04-1	1,210	363	1,210	12	16x15	20	0.40	48.4	5.7	7.0	53	90.0	120	103	1"	2 WAY	2	TITUS	DESV-12					
VAV	3.07	CORRIDOR-1	1390.04-1	200	60	100	6	12x8	25	0.10	4.0	0.5	0.5	53	90.0	120	99	3/4"	2 WAY	2	TITUS	DESV-6					
VAV	3.08	CORRIDOR-2	1390.04-2	350	105	175	6	12x8	25	0.20	7.0	1.2	0.5	53	90.0	120	108	3/4"	2 WAY	2	TITUS	DESV-6					
VAV	3.09	CORRIDOR-2	1390.04-2	2,800	840	1,600	16	24x18	22	0.70	63.9	12.8	15.2	53	90.0	120	110	1 1/4"	2 WAY	2	TITUS	DESV-16					
VAV	3.10	CORRIDOR-2	1390.04-2	550	165	275	8	12x8	22	0.30	11.0	2.4	0.9	53	90.0	120	111	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	3.11	DRESSING ROOM	1310	900	270	800	10	14x13	20	0.50	27.6	4.6	4.3	53	85.0	120	108	1"	2 WAY	2	TITUS	DESV-10					
VAV	3.12	DRESSING ROOM	1306	750	225	650	10	14x13	20	0.30	22.5	2.6	1.5	53	85.0	120	103	3/4"	2 WAY	2	TITUS	DESV-10					
VAV	3.13	CORRIDOR-2	1390.04-2	575	173	500	8	12x8	22	0.50	17.3	1.3	0.5	53	85.0	120	94	3/4"	2 WAY	3	TITUS	DESV-8					
VAV	3.14	CORRIDOR-2	1390.04-2	575	173	500	8	12x8	22	0.50	17.3	1.3	0.5	53	85.0	120	94	3/4"	2 WAY	3	TITUS	DESV-8					
VAV	3.15	CORRIDOR-2	1390.04-2	600	180	300	8	12x8	22	0.30	12.0	3.4	1.7	53	90.0	120	113	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	3.16	CORRIDOR-2	1390.04-2	800	240	400	10	14x13	20	0.40	16.0	1.8	0.7	53	90.0	120	102	3/4"	2 WAY	2	TITUS	DESV-10					
VAV	3.17	DRESSING ROOM	1306	500	150	250	8	12x8	22	0.30	10.0	1.8	0.5	53	90.0	120	109	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	4.01	WOMEN-1	1213-1	1,050	315	800	10	14x13	20	0.60	32.0	4.0	1.6	53	90.0	120	104	3/4"	2 WAY	3	TITUS	DESV-10					
VAV	4.02	WOMEN-1	1213-1	500	150	375	8	12x8	22	0.30	15.0	1.9	1.5	53	90.0	120	104	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	4.03	CAFE	1201	690	207	500	10	14x13	20	0.60	20.0	3.1	2.6	53	90.0	120	107	3/4"	2 WAY	2	TITUS	DESV-10					
VAV	4.04	WOMEN-1	1213-1	375	113	200	6	12x8	25	0.30	8.0	0.9	2.1	53	90.0	120	103	3/4"	2 WAY	2	TITUS	DESV-6					
VAV	4.05	MECH	2290.08	500	150	250	8	12x8	22	0.30	10.0	1.8	0.5	53	90.0	120	109	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	4.06	MECH	2290.08	470	141	250	8	12x8	22	0.30	10.0	4.0	1.9	53	90.0	120	115	1"	2 WAY	2	TITUS	DESV-8					
VAV	4.07	CAFE	1201	4,200	1,260	2,900	24x16	38x18	25	0.90	115.9	10.1	5.4	53	90.0	120	97	1 1/4"	2 WAY	3	TITUS	DESV-24X16					
VAV	4.08	MECH	2290.08	3,780	1,135	2,800	24x16	38x18	25	0.70	111.9	9.3	4.8	53	90.0	120	96	1 1/4"	2 WAY	3	TITUS	DESV-24X16					
VAV	5.01	METAL SHOP	1350	1,700	510	1,200	14	20x18	25	0.50	48.0	4.0	1.3	53	90.0	120	96	1"	2 WAY	3	TITUS	DESV-14					
VAV	5.02	METAL SHOP	1350	500	150	350	8	12x8	22	0.30	14.0	2.2	0.9	53	90.0	120	107	3/4"	2 WAY	2	TITUS	DESV-8					
VAV	5.03	METAL SHOP	1350	4,225	1,270	2,900	24x16	38x18	25	0.90	115.9	10.1	5.4	53	90.0	120	97	1 1/4"	2 WAY	3	TITUS	DESV-24X16					
VAV	5.04	METAL SHOP	1350	4,600	1,380	3,300	24x16	38x18	25	0.90	131.9	13.2	8.8	53	90.0	120	100	1 1/4"	2 WAY	3	TITUS	DESV-24X16					

NOTES:
1. BUILT UP VAV BOX SHALL HAVE INDEPENDENT OPPOSED BLADE MOTORIZED DAMPER WITH NEOPRENE SEAL AND AIRFLOW MEASURING STATION. NO HEATING COIL.

ROOM / LOCATION		FAN										COOLING PERFORMANCE				HEATING PERFORMANCE				ELECTRICAL			BASIS OF DESIGN		NOTES
UNIT NUMBER	NAME	NUMBER	UNIT TYPE	SUPPLY AIRFLOW (CFM)	ESP (IN. WG)	TOTAL CAPACITY (MBH)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	HEATING CAPACITY (MBH)	EAT (°F)	LAT (°F)	CONDENSATE PUMP (Y/N)	FLA	VOLTAGE	PHASE	MANUFACTURER	MODEL	NOTES					
VRF-FC-A-1	PIANO STORAGE	0101	WALL HUNG	250		9.6	80 °F	67 °F	45 °F	44 °F	10.9	70 °F	110 °F	YES	0.25	208	1	LG	ARNU093-SJ						
VRF-FC-A-2	ELEV. MACH. RM	1102	WALL HUNG	250		9.6	80 °F	67 °F	45 °F	44 °F	10.9	70 °F	110 °F	YES	0.25	208	1	LG	ARNU093-SJ						
VRF-FC-A-3	SLL	2210	DUCTED INLINE	500	0.4	19.1	80 °F	67 °F	45 °F	44 °F	21.5	70 °F	110 °F	YES	2.3	208	1	LG	ARNU183-M2						
VRF-FC-A-3	LIGHTING/VIDEO CONTROL ROOM	2210.1	DUCTED INLINE	550	0.4	19.1	80 °F	67 °F	45 °F	44 °F	21.5	70 °F	110 °F	YES	2.3	208	1	LG	ARNU183-M2						
VRF-FC-A-4	BOH CORRIDOR	1190.19	DUCTED INLINE	1500	0.4	36.0	80 °F	67 °F	45 °F	44 °F	38.0	70 °F	110 °F	YES	2.3	208	1	LG	ARNU183-M2						
VRF-FC-A-5	LIGHTING/VIDEO CONTROL ROOM	2210.1	DUCTED INLINE	550	0.6	19.1	80 °F	67 °F	45 °F	44 °F	21.5	70 °F	110 °F	YES	2.3	208	1	LG	ARNU183-M2						
VRF-FC-B-1	BOH CORRIDOR	1190.19	DUCTED INLINE	600	0.4	19.1	80 °F	67 °F	50 °F	49 °F	21.5	70 °F	103 °F	YES	2.3	208	1	LG	ARNU183-M2						
VRF-FC-B-2	PIANO STORAGE	1210	WALL HUNG	250		9.6	80 °F	67 °F	45 °F	44 °F	10.9	70 °F	110 °F	NO	0.25	208	1	LG	ARNU093-SJ						
VRF-FC-B-3	AV RACK ROOM	1218	WALL HUNG	425		19.1	80 °F	67 °F	45 °F	44 °F	21.5	70 °F	110 °F	NO	0.52	208	1	LG	ARNU183-SK						
VRF-FC-B-4			DUCTED INLINE	350	0.3	15.0	80 °F	67 °F	45 °F	44 °F	11.0														

VALIDE POWER GENERAL NOTES:

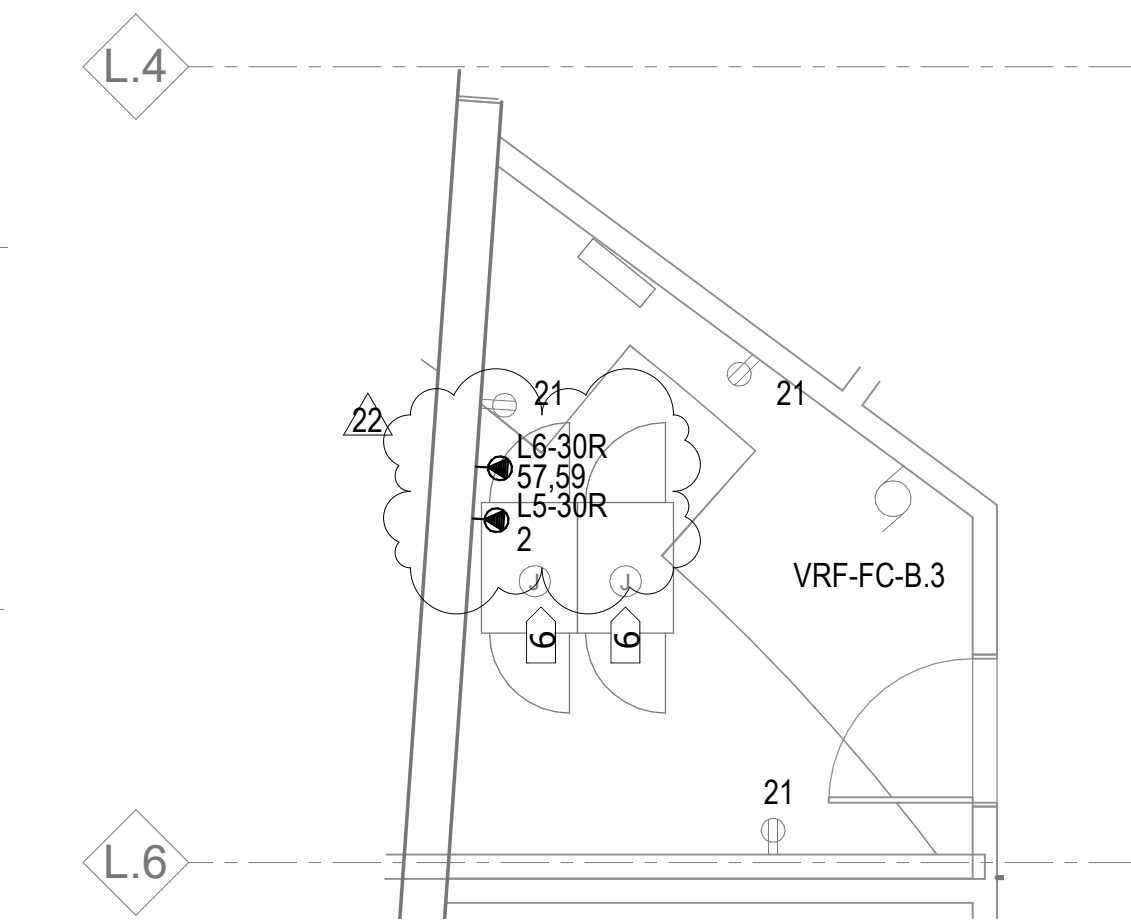
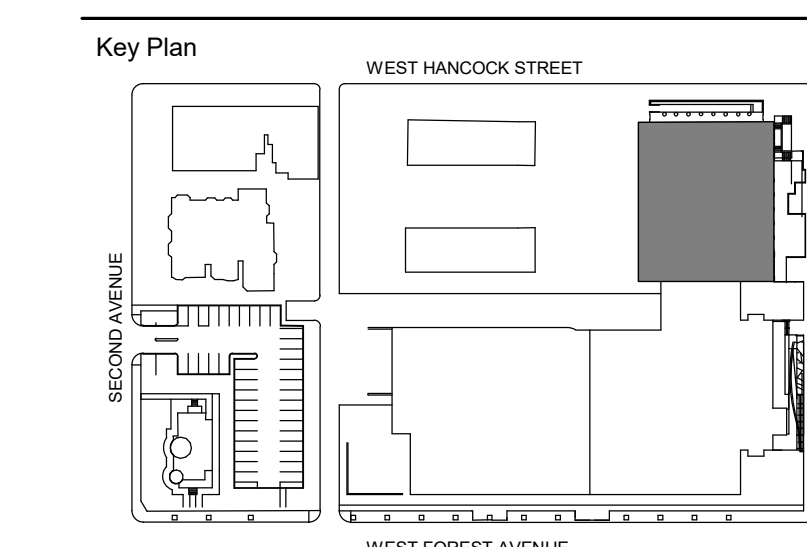
- A. EXISTING DEVICES TO REMAIN UNLESS NOTED OTHERWISE.

KEYNOTES:

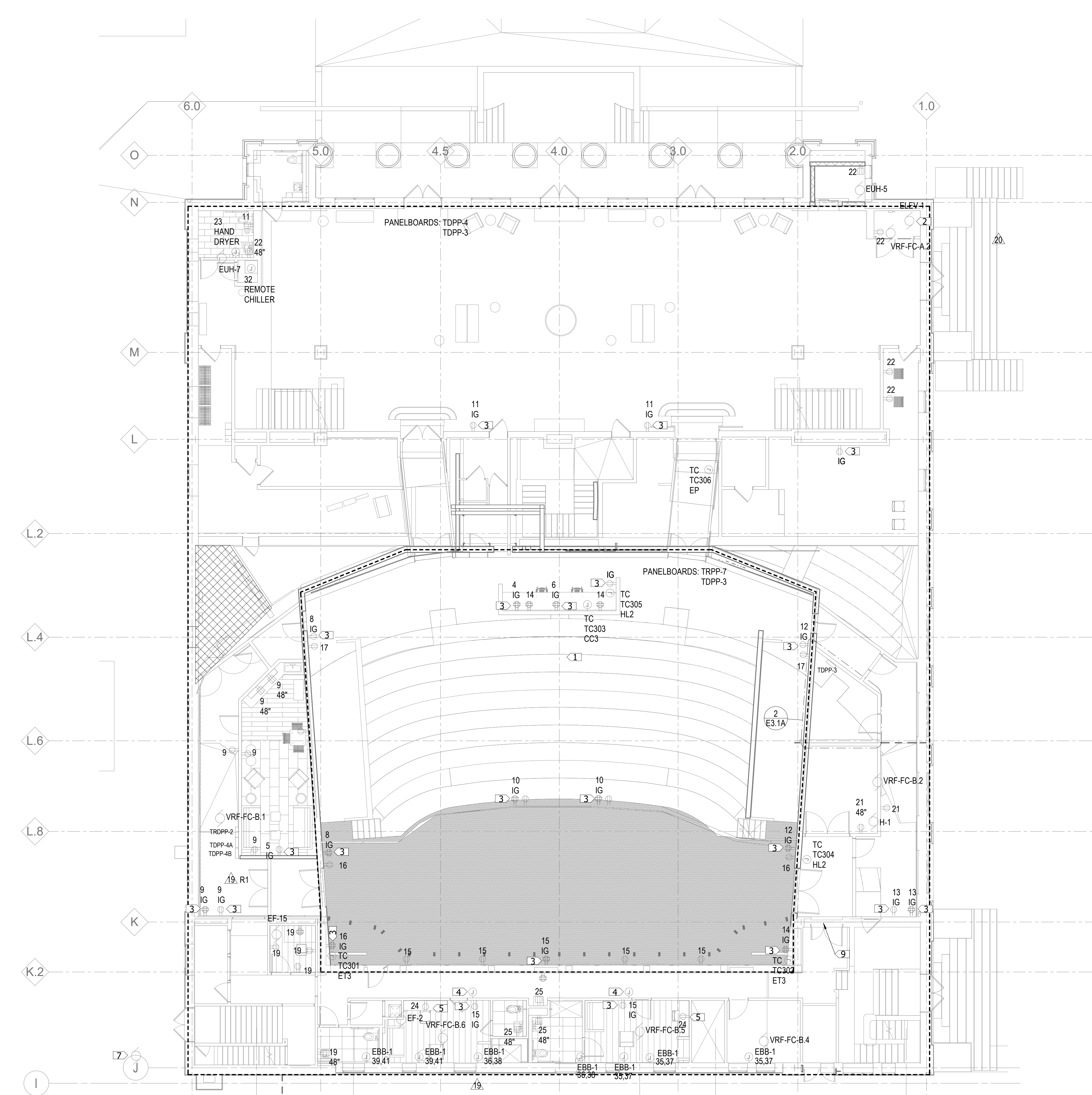
1. EXTEND THEATRICAL BRANCH CIRCUITING TO NEW DIMMER RACK LOCATION. VERIFY CONDITION OF EXISTING CONDUCTORS JACKETS AND RACEWAY FILL. RACEWAY FILL SHALL BE NO GREATER THAN 20% TOTAL CROSS SECTIONAL AREA PER NEC CODE.
2. ELEVATOR LIFT MOTOR AND LIFT CONTROLS.
3. RECEPTACLE TO BE MOUNTED IN AV BACK BOX.
4. PROVIDE PILOT LIGHT TO INDICATE POWER STATUS OF DRESSING ROOM COUNTERTOP RECEPTACLES AND LIGHT FIXTURES.
5. ALL DRESSING ROOM TABLE RECEPTACLE TO BE 36" AFF AND LIGHT FIXTURES TO 72" AFF BOTH WILL BE WIRED TO PILOT LIGHT OUTSIDE OF ROOMS.
6. PROVIDE (14) ISOLATED GROUND CIRCUITS FROM PANEL TDDP-3 FOR AV RACK. (8) CIRCUITS SHALL BE 120V, 20A. (6) CIRCUITS SHALL BE 120V, 30A.
7. EXISTING 40 TON EXTERIOR CONDENSING UNIT TO BE TEMPORARILY RELOCATED DURING NEW BUILDING CONSTRUCTION. REFEED ELECTRICAL CONNECTIONS TO UNIT AS NECESSARY AND COORDINATE WITH MECHANICAL CONTRACTOR. RACEWAY PATH FOR NEW CHILLER LOCATION SHALL FOLLOW CHILLER PIPING.
8. PROVIDE 120V EMERGENCY CONNECTION FOR FIRE SMOKE DAMPER.
9. RE-ROUTE EXISTING WIRE MOLD AROUND NEW DOOR OPENING.

Owner	Wayne State University FP&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
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4743 Cass Ave., Detroit, MI 48202



2 AV RACK ROOM
 1/4" = 1'-0"

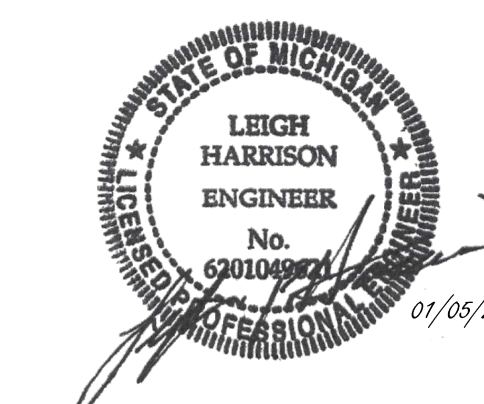


1 LEVEL ONE POWER PLAN - SECTOR A
 1/8" = 1'-0"

BULLETIN 22 BP4 CONTROL BOOTH	APRIL 11, 2024
BULLETIN 21	FEB 16, 2024
BULLETIN 20	JAN 5, 2024
BULLETIN 19 R1 BP4 2023-10-25	OCT 25, 2023
BULLETIN 19	SEPT 29, 2023
BULLETIN 05- BP4 2020-10-02	OCT 2, 2020
PERMIT SET	JUNE 29, 2020

WSU - GATEWAY THEATER COMPLEX
 WSU PROJECT NO. 189-178578
 Drawing Title
LEVEL ONE POWER PLAN - SECTOR A

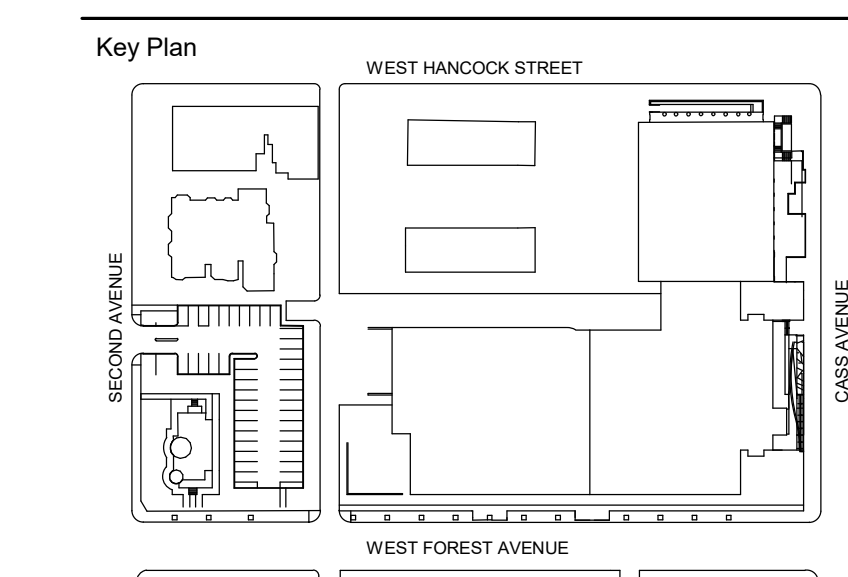
Project Number: 3995-001-00
 Drawn By: B GUTIERREZ
 Scale: As indicated
 Seal:



Signature:
 Drawing No:

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4743 Cass Ave., Detroit, MI 48202



BULLETIN 22 BP4 CONTROL BOOTH	APRIL 11, 2024
BULLETIN 19	SEPT 29, 2023
BULLETIN 18-EGRESS LTG	FEB. 01, 2023
PERMIT SET	JUNE 29, 2020

WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578
Drawing Title
LUMINAIRE SCHEDULES

Project Number: 3995-001-00
Drawn By: B GUTIERREZ
Scale: 1/8" = 1'-0"
Seal:



Signature:
Drawing No:

E5.0A

GENERAL NOTES:

- A. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION BEFORE ORDERING.
- B. ALL LED LUMINAIRES MUST COMPLY WITH LM-79 AND LM-80 TESTING STANDARDS. L70 LIFE SHALL HAVE A MINIMUM OF 50,000 HOURS.
- C. ANY PROPOSED SUBSTITUTIONS MUST BE SUBMITTED WITH PHOTOMETRIC CALCULATIONS AND CATALOG SHEETS WITH DATA TO PROVE EQUAL CHARACTERISTICS. PROVIDE PHYSICAL SAMPLES OF PROPOSED SUBSTITUTIONS UPON REQUEST.
- D. WHERE POSSIBLE TO COMPLY WITH THE SPECIFICATIONS, PROVIDE DLC CERTIFIED LUMINAIRES AS LISTED BY MANUFACTURER.

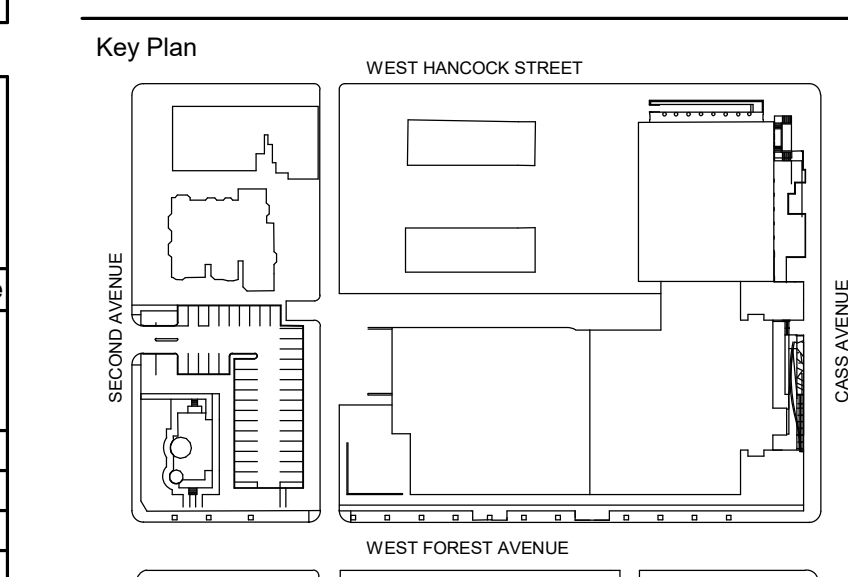
NOTES:

1. UL LISTED FOR WET LOCATION.
2. COORDINATE MOUNTING AND LOCATION WITH EQUIPMENT IN ROOM AND CORRIDORS. FOR RELOCATED LUMINAIRES, MAINTAIN ADEQUATE AND UNIFORM EMERGENCY ILLUMINATION AS SHOWN. UTILIZE UNISTRUT TIGHT TO UNDERSIDE OF MECHANICAL COMPONENTS FOR LIGHTING LOCATED UNDERNEATH DUCT, SPRINKLER, AND PIPING COMPONENTS.
3. PROVIDE END TO END MOUNTING ALONG FULL LENGTH OF DRESSING ROOM MIRROR. FIELD VERIFY LENGTH PRIOR TO ORDERING.
4. COORDINATE CHEVRONS WITH PLANS PRIOR TO ORDERING.
5. INCLUDE POWER SUPPLIES, MOUNTING HARDWARE, FEEDS, FITTINGS, AND NECESSARY COMPONENTS TO PROVIDE A COMPLETE INSTALLATION. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR WIRE SIZES AND DISTANCE LIMITATIONS.
6. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR WIRE SIZES AND DISTANCE LIMITATIONS. DO NOT EXCEED 150' DISTANCE BETWEEN REMOTE DRIVER AND FIXTURE. LOCATE DRIVER IN NEAREST ACCESSIBLE LOCATION UNLESS NOTED OTHERWISE.
7. PROVIDE SOLITE PATTERN LENS.
8. CONTRACTOR TO CONFIRM LENGTHS PRIOR TO ORDERING. SUBMIT FACTORY SHOP DRAWINGS FOR APPROVAL.
9. FIELD CUTTING MUST COMPLY WITH QTRAN INSTALLATION WARRANTY METHODS. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR WIRE SIZES AND DISTANCE LIMITATIONS. DO NOT EXCEED 50' DISTANCE BETWEEN REMOTE DRIVER AND FIXTURE. LOCATE DRIVER IN NEAREST ACCESSIBLE LOCATION UNLESS NOTED OTHERWISE.
10. PROVIDE SFT POWER CONNECTION TO BARE-END POWER INPUT LEAD, BLACK SAFETY CABLE, 86mm GLASS 'B' SIZE PATTERN HOLDER, AND C-CLAMP FOR MOUNTING. ALLOW FOR \$100.00 FOR GLASS TEMPLATE. TEMPLATE DESIGN TBD.
11. REFER TO DETAIL 216.1 FOR POLE BASE DETAIL INFORMATION.
12. REFER TO DETAIL 116.1 FOR BOLLARD BASE DETAIL INFORMATION.
13. PROVIDE 25' BLACK ELECTRICAL CABLE. INTEGRAL DMX DIMMING DRIVER WITH R45 RECEPTACLE.
14. FIXTURE MANUFACTURER TO PROVIDE REMOTE DMX COMPATIBLE DIMMING DRIVER WITH STANDARD EMERGENCY BATTERY HOUSING.
15. CONTRACTOR TO CONFIRM ANGLE OF MITERED CORNERS PRIOR TO ORDERING. PROVIDE SHOP DRAWINGS AS PART OF SUBMITTAL.
16. FINISH TO BE SELECTED BY ARCHITECT.
17. MOUNT LUMINAIRE TO ALIGN WITH CATWALK VERTICAL MEMBER AND C-CHANNEL. BOTTOM OF LUMINAIRE TO BE FLUSH WITH BOTTOM OF CATWALK TO ELIMINATE SHADOWING OR OBSTRUCTION OF BEAM ANGLE.

BOH LUMINAIRE SCHEDULE											AUTHOR:CMS	
TYPE	DESCRIPTION	MOUNTING	LENS/REFLECTOR	VOLTAGE	LAMP/LUMENS	BALLAST/POWER SUPPLY	WATTS	MANUFACTURER	CATALOG NUMBER	EQUAL MANUFACTURERS	NOTES	REVISION HISTORY
A1	11" DIAMETER DECORATIVE CEILING FIXTURE	SURFACE CEILING	AGED BRASS, DIE-CAST METAL BASE, PRESSED GLASS SHADE	120 V	1000 LM LED 830	0-10V DIMMING	22 VA	TECH LIGHTING	700CQLR-LED3	OR APPROVED EQUAL		
B1	2" VANITY LIGHT, HORIZONTAL ORIENTATION	CENTERED 3" ABOVE MIRROR	CLOSED ENDCAPS, FROSTED GLASS RECTANGULAR DIFFUSER, MINI JUNCTION BOX	120 V	1600 LM LED 830	SWITCHED	17 VA	EUREKA	STROKE 3542-24 LED.17 30 120 FRO WHE 3980	VISA WAND, SONNEMAN SLIM OR APPROVED EQUAL		
B2	CONTINUOUS DRESSING ROOM MIRROR LIGHT, HORIZONTAL ORIENTATION	CENTERED 3" ABOVE MIRROR	END TO END MOUNTING, FROSTED ACRYLIC DIFFUSER	120 V	550 LM/FT LED 930	0-10V DIMMING 1%		LUMENWERX	QUANW HL0 LED 90 550 30 4/8 UNV D1 DRM W	PRUDENTIAL BOLT OR APPROVED EQUAL	3	
D1	RECESSED LED DOWNLIGHT, 4" APERTURE	RECESSED CEILING	SEMI-SPECULAR CLEAR REFLECTOR WITH SELF-FLANGE TRIM	120 V	1500 LM LED 830	0-10V DIMMING	23 VA	GOTHAM	EVO 30/15 4AR WD	PORTFOLIO LD4B OR APPROVED EQUAL		
D3	RECESSED LED SHOWER LIGHT, 6" APERTURE, WET LOCATION LISTED	RECESSED CEILING	FLAT ACRYLIC LENS, NON CONDUCTIVE WHITE TRIM	120 V	2000 LM LED 830	0-10V DIMMING	23 VA	GOTHAM	EVO 30/20 6DFR	DMF DRD, ATLANTIC LED7 OR APPROVED EQUAL		
D4	SURFACE MOUNTED LED DOWNLIGHT, 8" DIAMETER	SURFACE CEILING	DIE-CAST ALUMINUM TRIM WITH ACRYLIC LENS	120 V	1500 LM LED 830	0-10V DIMMING	17 VA	DMF	DRD5S-8-R-15-9-30-0	OR APPROVED EQUAL		
E1	SINGLE FACE LED EXIT SIGN, DIE-CAST HOUSING	SURFACE CEILING	WHITE DIE-CAST STENCIL FACE, RED LETTERS	120 V	LED WITH UNIT	AC ONLY	5 VA	LITHONIA	LE S W 1R	SURELITES, EMERGI-LITE PRECEPTOR, DUAL-LITE SEMPRA SE SERIES	4	
E2	BLACK EXIT WALL	WALL MOUNT 6" ABOVE DOOR FRAME	BLACK DIE-CAST STENCIL FACE, RED LETTERS	120 V	LED WITH UNIT	AC ONLY	5 VA	LITHONIA	LE S B 1R	SURELITES, EMERGI-LITE PRECEPTOR, DUAL-LITE SEMPRA SE SERIES	4	
E3	SINGLE FACE LED EXIT SIGN, EDGE-LIT HOUSING, MIRROR INSERT	RECESSED CEILING MOUNT	CLEAR MIRRORED FACE, RED LETTERS	120 V	LED WITH UNIT	AC ONLY	5 VA	EMERGI-LITE	B LX 1N R M UA A	SURELITES, DUAL-LITE	4	
E4	SINGLE FACE LED EXIT SIGN, DIE-CAST HOUSING	SIDE WALL MOUNT	WHITE DIE-CAST STENCIL FACE, RED LETTERS	120 V	LED WITH UNIT	AC ONLY	5 VA	LITHONIA	LE S W 1R	SURELITES LPX SERIES, EMERGI-LITE PRECEPTOR, DUAL-LITE SEMPRA SE SERIES	4	
E5	SINGLE FACE LED EXIT SIGN, EDGE-LIT HOUSING, MIRROR INSERT	7'-0" AFF	CLEAR MIRRORED FACE, RED LETTERS	120 V	LED WITH UNIT	AC ONLY	5 VA	LITHONIA	EDG 1 RMR	SURELITES, DUAL-LITE	4	
E6	SINGLE FACE LED EXIT SIGN, DIE-CAST HOUSING	SIDE WALL MOUNT	WHITE DIE-CAST STENCIL FACE, RED LETTERS	120 V	LED WITH UNIT	AC ONLY	5 VA	LITHONIA	LE S W 2R	SURELITES LPX SERIES, EMERGI-LITE PRECEPTOR, DUAL-LITE SEMPRA SE SERIES	4	
EY1	LED EMERGENCY BATTERY UNIT, SELF DIAGNOSTICS	SURFACE, CEILING OR WALL AT 9'-0" AFF	TWO HIGH-PERFORMANCE LED LAMP HEAD, WHITE THERMOPLASTIC HOUSING	120 V	LED WITH UNIT	LEAD ACID BATTERY	6 VA	LITHONIA	ELM6 LED W LP03VS SD	LIGHTALARM LCA, SURELITES SEL25 & SEL 50, DUAL-LITE EV		
J1	4' LINEAR DIRECT/INDIRECT	CABLE HUNG AT 10'-0" AFF	WHITE HOUSING WITH TOP AND BOTTOM LENS	120 V	750 LM/FT LED 830	0-10V DIMMING 1%	32 VA	STARTEK	TALLD 4 750LP WD 30K PW ACW10U	GAMMALUX, ALIGHT, OR APPROVED EQUAL		
J2	4' SUSPENDED LINEAR LED FIXTURE WITH WRAPAROUND LENS	CABLE HUNG AT 7'-6" AFF	ALUMINUM PAINTED HOUSING WITH ACRYLIC LENS	120 V	3000 LM LED 830	0-10V DIMMING 1%	24 VA	AXIS	ARLED-750-80-30-S-4-AP-120-DP-1-CA 36	OR APPROVED EQUAL		
K5	CATWALK BLUE STEP LIGHT	RAILING AT 8" AFF	CUTOFF LOUVER	120 V	BLUE LED	0-10V DIMMING 1%	2 VA	COLE	SL157W BLU DIM BLK	LIGMAN ULE-40601 OR APPROVED EQUAL	5	
K6	CATWALK BLUE STEP LIGHT	RECESSED WALL, 8" AFF	CUTOFF LOUVER	120 V	BLUE LED	0-10V DIMMING 1%	2 VA	COLE	L157W BLU DIM BLK	LIGMAN ULE-40601 OR APPROVED EQUAL	5	
K7	SURFACE BLUE STEP LIGHT IN TRAP ROOM AND ORCHESTRA PIT	SURFACE WALL, 15" AFF	CUTOFF LOUVER	120 V	BLUE LED	0-10V DIMMING 1%	2 VA	COLE	SL157W BLU DIM BLK	LIGMAN ULE-40601 OR APPROVED EQUAL	5	
M1	YOKE-MOUNTED LED WORKLIGHT	YOKE MOUNTED UNDERNEATH CATWALK	BLACK ALUMINUM HOUSING W/ ASYMMETRICAL REFLECTOR	120 V	10000 LM LED 830	SWITCHED	130 VA	ALTMAN	WL-130-3K-B-120 W SC-36-BK SAFETY CABLE	OR APPROVED EQUAL		
N1	4' LED INDUSTRIAL STRIP LIGHT 4000K	SURFACE WALL OR CHAIN HUNG	ACRYLIC DIFFUSE LENS	120 V	5000 LM LED 840	0-10V DIMMING	42 VA	LITHONIA	ZLTD L48 SMR 5000LM FST MVOLT 40K 80CRI	METALUX SNLED OR APPROVED EQUAL	2	
N2	4' LED HIGHBAY STRIP LIGHT	CHAIN HUNG AT 18'-0" AFF	ACRYLIC DIFFUSE LENS, WIDE DISTRIBUTION	120 V	7000 LM LED 830	0-10V DIMMING	58 VA	DAYBRITE	FST 4 70L 830 UNV DIM	METALUX SNLED OR APPROVED EQUAL	2	
N3	4' LED THEATER WORK LIGHT	SURFACE WALL OR CHAIN HUNG	BLACK HOUSING	120 V	4000 LM LED 830	0-10V DIMMING 1%	31 VA	DAYBRITE	FSI 4 40L 835 UNV DIM BK	LITECONTROL NOTE OR APPROVED EQUAL	2	
N4	4' LED INDUSTRIAL STRIP LIGHT 3000K	SURFACE OR CHAIN HUNG AT 12'-0" AFF	ACRYLIC DIFFUSE LENS	120 V	5000 LM LED 830	0-10V DIMMING	42 VA	LITHONIA	ZILD L48 SMR 5000LM FST MVOLT 30K 80CRI	METALUX SNLED OR APPROVED EQUAL	2	
N5	DOCK LIGHT WITH SWING ARM MOUNT	WALL AT 5'-0" AFF	INTEGRAL SWITCH AND FACE CAGE	120 V	800 LM LED 840	SWITCHED	16 VA	PHOENIX	DLAW 16LED 40 60 120	HUBBELL DOCKSTAR OR APPROVED EQUAL		
N6	POLE MOUNTED JELLYJAR FOR CATWALK	SURFACE CATWALK STRUCTURE	FROSTED GLASS LENS WITH CAGE, INDOOR HOUSING	120 V	1500 LM LED 830	SWITCHED	11 VA	SPECTRUM	WJ1GV 15L 30 EX FJ1 WG1 CP104 MB	BARN LIGHT BLE OR APPROVED EQUAL		
N7	VAPORPROOF WORK LIGHT	SURFACE CEILING	GLASS LENS, CLASS I DIV I	120 V	5000 LM LED 830	0-10V DIMMING	42 VA	HUBBELL	HLEML 45 30 G AN	CROUSE-HINDS CHAMP VMV OR APPROVED EQUAL	2	
N8	HIGHBAY WITH GLASS LENS	CHAIN HUNG AT 14'-0" AFF	GLASS PROTECTIVE LENS, METAL HOUSING	120 V	11000 LM LED 830	0-10V DIMMING	112 VA	HUBBELL	HBLH 48L U A 3K W 110 CD TN ENGG	RAB HAZBAYLED OR APPROVED EQUAL	2	
N9	WALL MOUNTED STRIP LIGHT WITH INTEGRAL SENSOR	SURFACE WALL AT 9'-0" AFF	ACRYLIC CURVED DIFFUSE LENS	120 V	5000 LM LED 830	0-10V DIMMING	40 VA	PRUDENTIAL	FLAIR LED3 SO 4 SAL YBK UNV SUR DM10 505	METALUX SNLED OR APPROVED EQUAL		
N10	2' LED INDUSTRIAL STRIP LIGHT	SURFACE WALL	ACRYLIC DIFFUSE LENS	120 V	1500 LM LED 830	0-10V DIMMING	17 VA	LITHONIA	ZILD L24 SMR 1500LM FST MVOLT 30K 80CRI	OR APPROVED EQUAL		
R1	1x4 DIRECT/INDIRECT LED TROFFER	RECESSED CEILING, GRID	CENTER ACRYLIC DIFFUSER WITH WHITE REFLECTOR	120 V	4800 LM LED 830	0-10V DIMMING	47 VA	LITHONIA	VTL4 48L ADP EZ1 LP830	METALUX CRUZE OR APPROVED EQUAL		
T1	ADJUSTABLE TRACK HEAD WITH LINE VOLTAGE SURFACE TRACK	SURFACE CEILING	CYLINDER TRACK HEAD WITH INTEGRAL DRIVER, MEDIUM FLOOD DISTRIBUTION	120 V	1000 LM LED 830	0-10V DIMMING	16 VA	IGUZZINI	FRONT LIGHT MINI I.FLM BO 830 MD 120 01 LTE	LSI LUMILEX OR APPROVED EQUAL	5	
T2	ADJUSTABLE TRACK HEAD WITH LINE VOLTAGE PENDANT TRACK	PENDANT AT 9'-0" AFF	CYLINDER TRACK HEAD WITH INTEGRAL DRIVER, MEDIUM FLOOD DISTRIBUTION	120 V	1000 LM LED 830	0-10V DIMMING	16 VA	IGUZZINI	FRONT LIGHT MINI I.FLM BO 830 MD 120 01 LTE	LSI LUMILEX OR APPROVED EQUAL	5	
W2	LED WALL BRACKET	WALL - SEE ARCH ELEVATIONS	FULL CUTOFF, TYPE II	208 V	8000 LM LED 840	SWITCHED	101 VA	REBELLE	6004 101L 35K 208 T2 XX	VISIONAIRE VSC OR APPROVED EQUAL	16	
W3	WALL MOUNTED STAIR LIGHT	7'-0" ABOVE EACH LANDING	180 DEG.DISTRIBUTION, CURVED FROSTED DIFFUSER, INTEGRAL OCC SENSOR DIM TO 50%	120 V	4000 LM LED 840	0-10V DIMMING	42 VA	PRUDENTIAL	FLAIR LED 40 MO 4 SAL TMM UNV SUR DM10 205	LITECONTROL OR APPROVED EQUAL		
W4	UTILITY YARD FLOOD WITH MOTION SENSOR	WALL - SEE ARCH ELEVATIONS	FULL CUTOFF, TYPE III	208 V	4000 LM LED 840	DUAL LEVEL DIMMING	41 VA	HUBBELL	LNC3 24L 4K 050 3 U XXX SCP	VISIONAIRE VSC OR APPROVED EQUAL	16	
XU1	SINGLE HEAD LED AREA FIXTURE FOR SECOND AVE PARKING LOT	CONCRETE POLE BASE, 30' SQUARE POLE	TYPE III SPILL CONTROL OPTICS	208 V	6300 LM LED 740	0-10V DIMMING	113 VA	METALUX	GLEON-AF-02-LED-E1-SL3-XX-HSS	LITHONIA, BEACON OR APPROVED EQUAL	1,11,16	
XU2	DUAL HEAD LED AREA FIXTURE FOR SECOND AVE PARKING LOT	CONCRETE POLE BASE, 30' SQUARE POLE	TYPE III SPILL CONTROL OPTICS	208 V	6300 LM LED 740	0-10V DIMMING	126 VA	METALUX	GLEON-AF-02-LED-E1-SL3-XX-HSS	LITHONIA, BEACON OR APPROVED EQUAL	1,11,16	
YU1	INGROUND NARROW FLOOD FOR BUILDING SIGNAGE	RECESSED LANDSCAPE	ADJUSTABLE 15 DEG TILT, WET LOCATION, SEALED OPTIC WITH ROCK GUARD	120 V	900 LM LED 740	0-10V DIMMING	14 VA	HYDREL	PDX7 SS 12LED WHT41K MVOLT FL FLC 34S RG LMDIM	WINONA, TARGETTI OR APPROVED EQUAL	1	



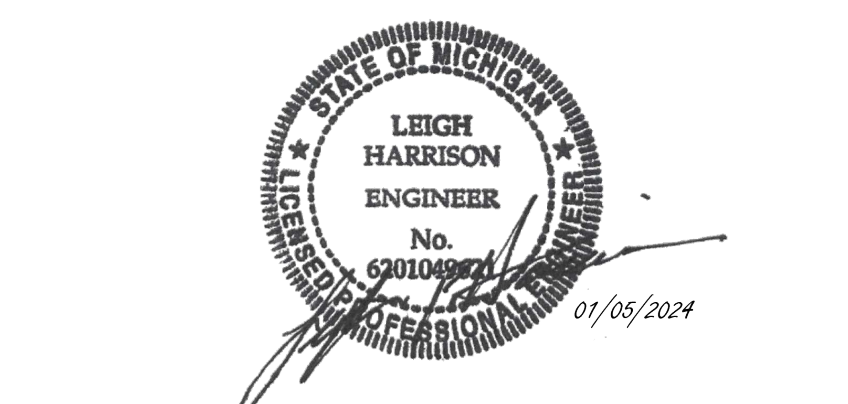
- Owner: Wayne State University
Contractor: Walbridge
Executive Architect: Hamilton Anderson
Design Architect: HGA
MEP Engineer: HGA
Structural Engineer: DESI / NASR Consulting Engineers
Civil Engineer: Spalding DeDecker
Landscape Architect: Hamilton Anderson
Theatrical: Auerbach Pollock Friedlander
Lighting: Auerbach Glasow
Acoustics / AV: Jaffe Holden



- BULLETIN 22 BP4 CONTROL BOOTH APRIL 11, 2024
BULLETIN 21 FEB 16, 2024
BULLETIN 19 R1 BP4 2023-10-25 OCT 25, 2023
BULLETIN 19 SEPT 29, 2023
BULLETIN 07-BP4 2021-04-16 APRIL 16, 2021
BULLETIN 05-BP4 2020-10-02 OCT 2, 2020

WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578
ELECTRICAL PANEL SCHEDULE

Project Number: 3995-001-00
Drawn By: B. GUTIERREZ
Scale:
Seal:



Signature:
Drawing No:

Panel: TDPP-3
Location: Distribution System: 208/120V
Supply From: T-TDPP-3
Mounting: SURFACE
Enclosure Type: NEMA 1
A.I.C Rating: 10KAIC
Mains Type: MLO
Mains Rating: 225 A
MCB Rating: MLO

Panel: TDPP-3 (continued)
Load Classification table with columns: Connected Load, Demand Factor, Estimated Demand, Panel Totals

Panel: TDPP-4B
Location: Distribution System: 208/120V
Supply From: TDPP-4A
Mounting: SURFACE
Enclosure Type: NEMA 1
A.I.C Rating: 22KAIC
Mains Type: MCB
Mains Rating: 200 A
MCB Rating: 200 A

Panel: TDPP-4B (continued)
Load Classification table with columns: Connected Load, Demand Factor, Estimated Demand, Panel Totals

Panel: TDPP-4A
Location: Distribution System: 208/120V
Supply From: DPP-3
Mounting: SURFACE
Enclosure Type: NEMA 1
A.I.C Rating: 22KAIC
Mains Type: MCB
Mains Rating: 200 A
MCB Rating: MLO

Panel: TDPP-4A (continued)
Load Classification table with columns: Connected Load, Demand Factor, Estimated Demand, Panel Totals

Panel: TRPP-7
Location: Distribution System: 208/120V
Supply From: TRDPP-2
Mounting: SURFACE
Enclosure Type: NEMA 1
A.I.C Rating: 10KAIC
Mains Type: MCB
Mains Rating: 200 A
MCB Rating: 200 A

PANEL: TDPP-1
Location: Distribution System: 208/120V
Supply From: T-TDPP-1
Mounting: SURFACE
Enclosure Type: NEMA 1
A.I.C Rating: 10KAIC
Mains Type: MLO
Mains Rating: 600 A
MCB Rating: MLO

PANEL: TDPP-1 (continued)
Load Classification table with columns: Connected Load, Demand Factor, Estimated Demand, Panel Totals

DPP-3
Location: Distribution System: 208/120V
Supply From: MOUNTING: SURFACE
Enclosure Type: NEMA 1
A.I.C Rating: 42KAIC
Mains Type: MLO
Mains Rating: 800 A
MCB Rating: MLO

DPP-3 (continued)
Load Classification table with columns: Connected Load, Demand Factor, Estimated Demand, Panel Totals

Panel: TRDPP-2
Location: Distribution System: 208/120V
Supply From: DPP-3
Mounting: SURFACE
Enclosure Type: NEMA 1
A.I.C Rating: 22KAIC
Mains Type: MLO
Mains Rating: 400 A
MCB Rating: MLO

Panel: TRDPP-2 (continued)
Load Classification table with columns: Connected Load, Demand Factor, Estimated Demand, Panel Totals

Panel: UDP
Location: Distribution System: 208/120V
Supply From: DPP-3
Mounting: SURFACE
Enclosure Type: NEMA 1
A.I.C Rating: 10 KAIC
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A

Panel: UDP (continued)
Load Classification table with columns: Connected Load, Demand Factor, Estimated Demand, Panel Totals

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5454 Cass Ave
Detroit, MI 48202
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Contractor: Walbridge
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Detroit, MI 48202
313.963.8900

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Detroit, MI 48226
313.964.0270

Design Architect: HGA
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Minneapolis, MN 55401
612.758.4000

MEP Engineer: HGA
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Minneapolis, MN 55401
612.758.4000

Structural Engineer: DESI / NASR Consulting Engineers
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West Bloomfield, MI 48322
248.392.2010

Civil Engineer: Spalding DeDecker
905 South Blvd East
Rochester Hills, MI 48307
800.598.1600

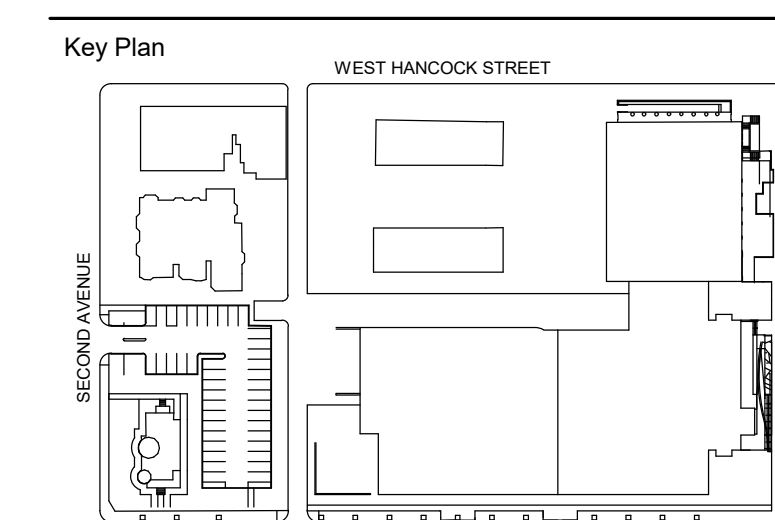
Landscape Architect: Hamilton Anderson
1435 Randolph Street, Suite 200
Detroit, MI 48226
313.964.0270

Theatrical: Auerbach Pollock Friedlander
285 West 57th Street
New York, NY 10018
212.764.5630

Lighting: Auerbach Glasow
1045 Sansome Street, Suite 300
San Francisco, CA 94111
415.392.7528

Acoustics / AV: Jaffe Holden
114-A Washington Street
Norwalk, CT 06864
203.836.4168

4743 Cass Ave., Detroit, MI 48202



BULLETIN 22 BP4 CONTROL BOOTH

APRIL 11, 2024

03/05/24

Project: WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578
Drawing Title: CONTROL BOOTH

Project Number: 3995-001-00

Drawn By: Designer

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

Seal:

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

Signature:

Drawing No:

E6.3

KEYNOTES:

- RELOCATE SURFACE MOUNTED PANEL TRPP-7 TO BE RECESSED INTO THIS WALL. PROVIDE COVER AND MOUNTING EQUIPMENT AS REQUIRED TO PLACE PANEL.
- EXISTING CONDUITS RUNNING THROUGH THIS AREA TO BE RE-ROUTED AROUND NEW CONTROL BOOTH.
- PROVIDE RECEPTACLE FOR PROJECTOR UNDERNEATH CONTROL BOOTH AREA
- EXISTING THEATRICAL CONTROL PANEL TO BE RE-USED AT THIS LOCATION. PROVIDE POWER CONTROL AS REQUIRED TO CONNECT THE CONTROL PANEL.
- INTERCEPT AND EXTEND EXISTING 24 INCH CABLE TRAY ABOVE NEW CONTROL BOOTHS.
- INSTALL PENDANT HUNG TRACK SO THAT BOTTOM OF TRACK IS AT 9'-0" AFF. COORDINATE LOCATION OF TRACK WITH PIPE GRID AND ACOUSTIC CLOUD IT IS NOT IN CONFLICT WITH EITHER.
- RECONNECT RELOCATED MECHANICAL UNIT.

CIRCUITING NOTES:

- ALL ISOLATED GROUND RECEPTACLES SHALL BE CIRCUITED TO PANEL TDDP-3 UNLESS NOTED OTHERWISE.
- ALL NON-ISOLATED GROUND RECEPTACLES AND POWER DEVICES SHALL BE CIRCUITED TO PANEL TRPP-7 UNLESS NOTED OTHERWISE.
- ALL LIGHTING SHALL BE CIRCUITED TO PANEL TRPP-7 UNLESS NOTED OTHERWISE.

GENERAL NOTES DEMOLITION

- EXISTING EQUIPMENT, DEVICES, AND LIGHTS INDICATED ON PLAN WERE TAKEN FROM EXISTING PLANS AND/OR FIELD OBSERVATION, AND SHALL NOT BE CONSIDERED COMPLETELY ACCURATE. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATIONS OF EXISTING SYSTEMS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY AFFECT ANY WORK UNDER THIS CONTRACT.
- CONTRACTOR SHALL FIELD VERIFY EXACT CONDITIONS PRIOR TO CONTINUITY OF ADJACENT CIRCUITS TO DEVICES OR EQUIPMENT THAT ARE TO REMAIN DURING CONSTRUCTION. REROUTE CONDUIT AND WIRING AS NECESSARY.
- ELECTRICAL DEVICES AND EQUIPMENT SHOWN AS DASHED ARE TO BE DEMOLISHED AND IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DISPOSE OF UNLESS NOTED OTHERWISE. ELECTRICAL DEVICES/EQUIPMENT SHOWN WITH LIGHT SOLID LINE TYPE ARE EXISTING TO REMAIN. ANY ITEMS TO BE TURNED OVER TO FACILITIES MANAGEMENT WILL BE NOTED.

GENERAL NOTES LIGHTING

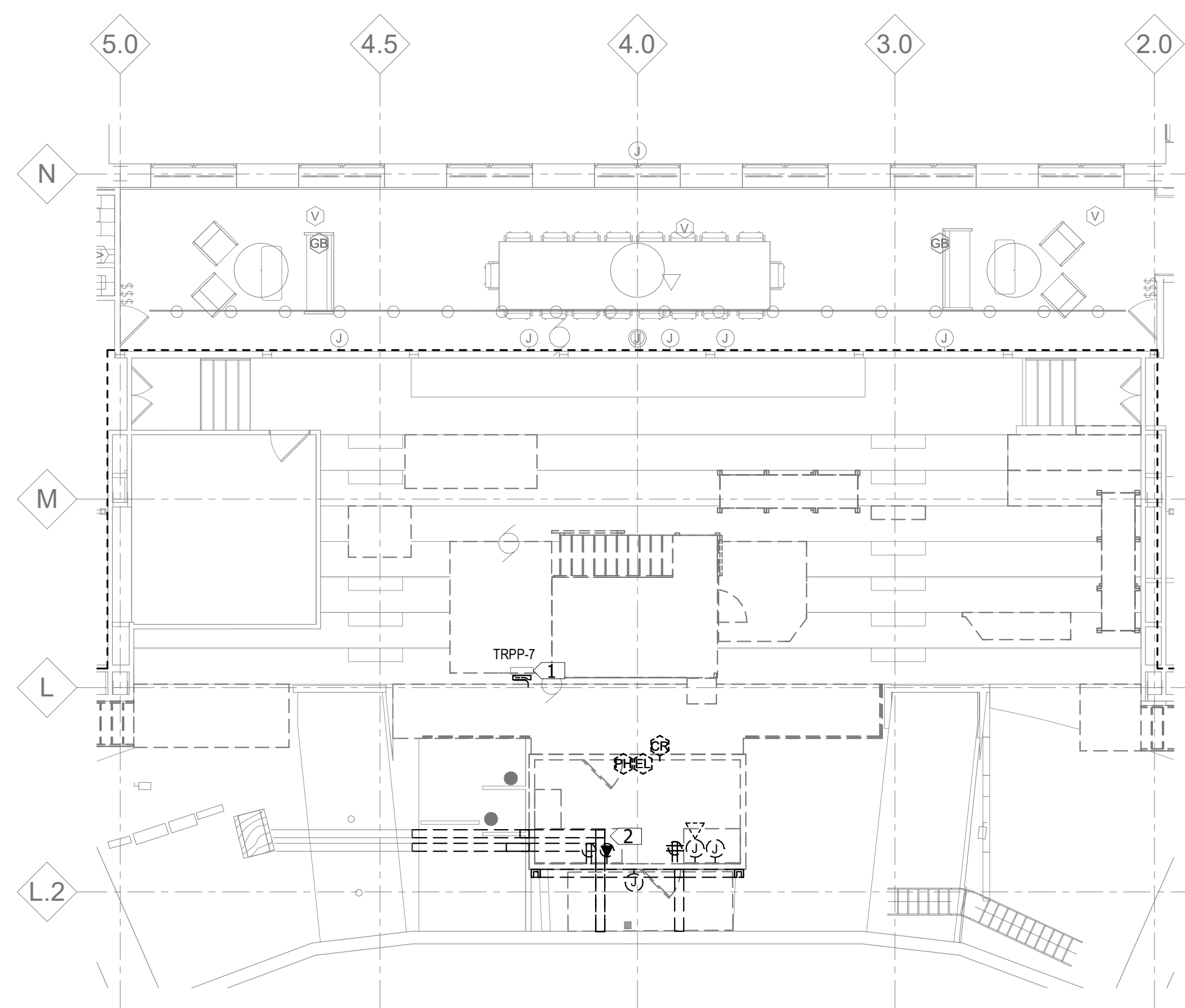
- COORDINATE EGRESS LIGHTING AND EXIT REQUIREMENTS WITH ARCHITECTURAL LIFE SAFETY PLANS.
- COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF LUMINAIRES IN MECHANICAL ROOMS WITH DUCTS, PIPES, SPRINKLERS AND EQUIPMENT. MOUNT LUMINAIRES BELOW DUCTS AND PIPES AND DO NOT MOUNT LUMINAIRES OVER EQUIPMENT. SUPPORT LUMINAIRES INDEPENDENTLY OF DUCTS, PIPES, AND EQUIPMENT. CONTRACTOR SHALL COORDINATE WORK OF ALL TRADES INVOLVED IN THE CEILING TO ENSURE NECESSARY CLEARANCES FOR FIXTURES, DUCTS, PIPING, CABLE TRAYS, AND CEILING SUSPENSION COMPONENTS. MAINTAIN A NEAT AND ORDERLY APPEARANCE.
- REFER TO EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR WALL MOUNTED FIXTURES.
- CONDUIT AND WIRING MAY NOT BE SHOWN GRAPHICALLY ON THE PLANS. PROVIDE COMPLETE CONDUIT AND WIRING BASED ON IDENTIFICATION OF CIRCUIT NUMBERS, RELAY NUMBERS, AND SWITCHING IDENTIFICATION.
- WHERE OCCUPANCY AND VACANCY SENSORS ARE SHOWN, PROVIDE APPROPRIATE TYPES AND QUANTITIES OF SENSORS TO ACCOMMODATE ROOM GEOMETRY. REFER TO SPEC SECTION 260923 FOR DETAILS. INSTALL OCCUPANCY AND VACANCY SENSORS AT LOCATIONS RECOMMENDED BY MANUFACTURER. SEE OCCUPANCY AND VACANCY SENSOR SHOP DRAWINGS FOR REFERENCE.

GENERAL NOTES POWER

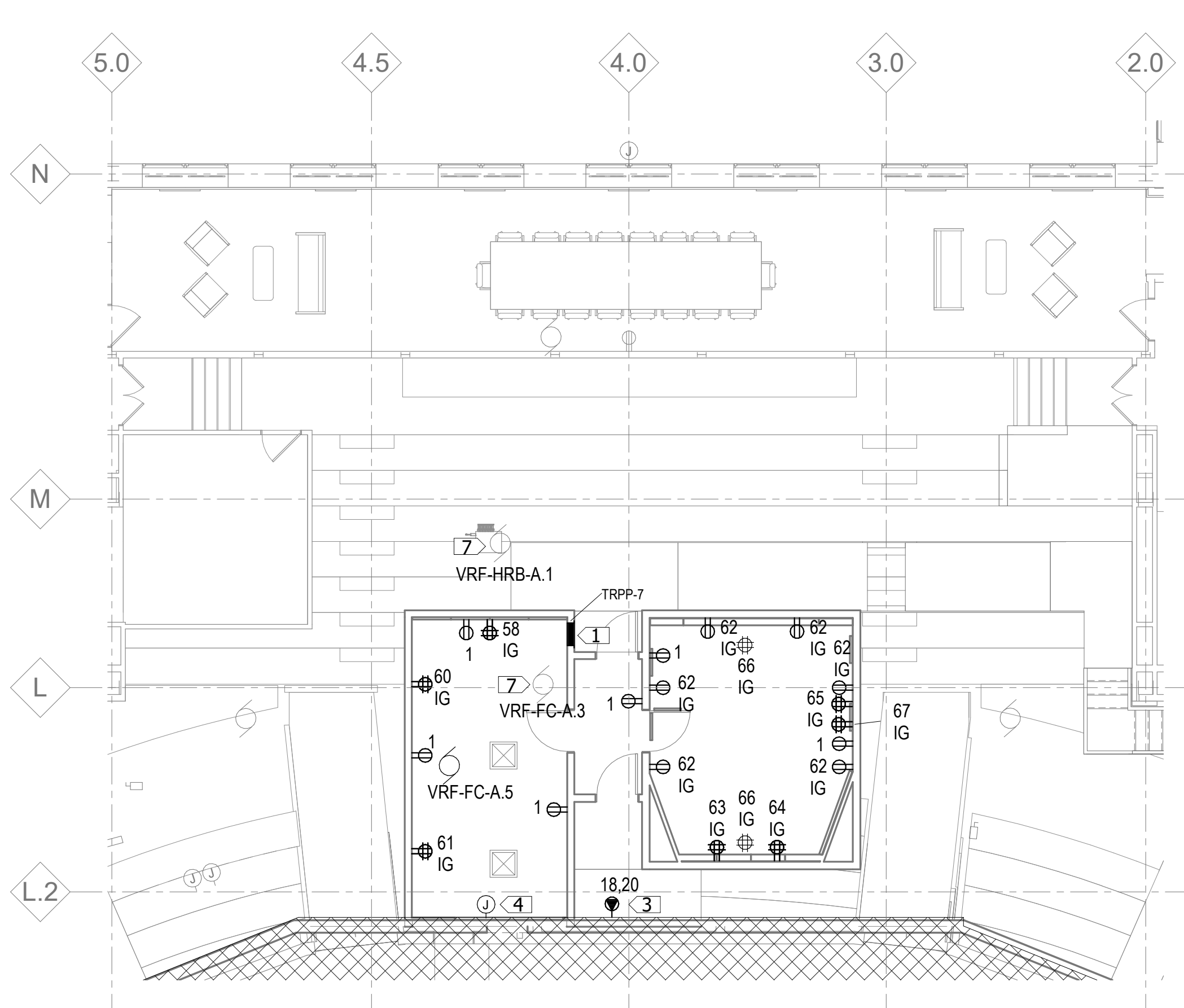
- REFER TO EMB SERIES SHEETS FOR ADDITIONAL MOTOR INFORMATION.
- COORDINATE LOCATION AND MOUNTING OF DEVICES WITH MILLWORK AND CASEWORK.
- COORDINATE DEVICE LOCATIONS AND ELEVATIONS AT ALL WORKSTATIONS WITH FINAL FURNITURE PLANS AND SHOP DRAWINGS PRIOR TO DEVICE ROUGH-IN.
- ELECTRICAL & SYSTEMS DEVICES & EQUIPMENT SHOWN AS SCREENED ARE EXISTING TO REMAIN. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATIONS OF EXISTING SYSTEMS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY AFFECT ANY WORK UNDER THIS CONTRACT.
- REFER TO THE ARCHITECTURAL DETAILS AND ELEVATION DRAWINGS FOR COORDINATION OF ELECTRICAL DEVICES.
- DEVICES AND EQUIPMENT SHALL BE CIRCUITED FROM PANELS AS INDICATED BY THE CIRCUITING BOUNDARY SHOWN ON THE PLAN UNLESS NOTED OTHERWISE.
- CONDUIT AND WIRING MAY NOT BE SHOWN GRAPHICALLY ON THE PLANS. HOWEVER IT SHALL BE PROVIDED COMPLETE AS REQUIRED BASED ON IDENTIFICATION OF CIRCUIT NUMBERS, RELAY NUMBERS, SWITCHING IDENTIFICATION, MOTOR EQUIPMENT SCHEDULE, PANEL BOUNDARIES, SPECIFIED MINIMUM CONDUIT SIZE, SPECIFIED MINIMUM CONDUCTOR SIZES, AND/OR SPECIFIED MINIMUM GROUNDING.
- REFER TO ONE-LINE DIAGRAMS FOR ADDITIONAL INFORMATION FOR FEEDERS AND ELECTRICAL EQUIPMENT.
- PROVIDE POWER CONNECTIONS TO NEW OR RELOCATED MECHANICAL EQUIPMENT.
- PLANS INDICATE DESIGN INTENT OF ELECTRICAL REQUIREMENTS FOR STANDARD BUILDING SYSTEMS. THEATRICAL AND AV SYSTEM REQUIREMENTS ARE INDICATED ON TL, TS, TR, AND AV SERIES SHEETS. REFER TO THOSE SHEETS FOR ADDITIONAL REQUIREMENTS INCLUDED UNDER THE ELECTRICAL SCOPE OF WORK. THEATRICAL POWER SHALL BE FED FROM THEATER DISTRIBUTION AND AV (TECHNICAL) POWER SHALL BE FED FROM ISOLATED GROUND POWER DISTRIBUTION.

GENERAL NOTES SYSTEMS

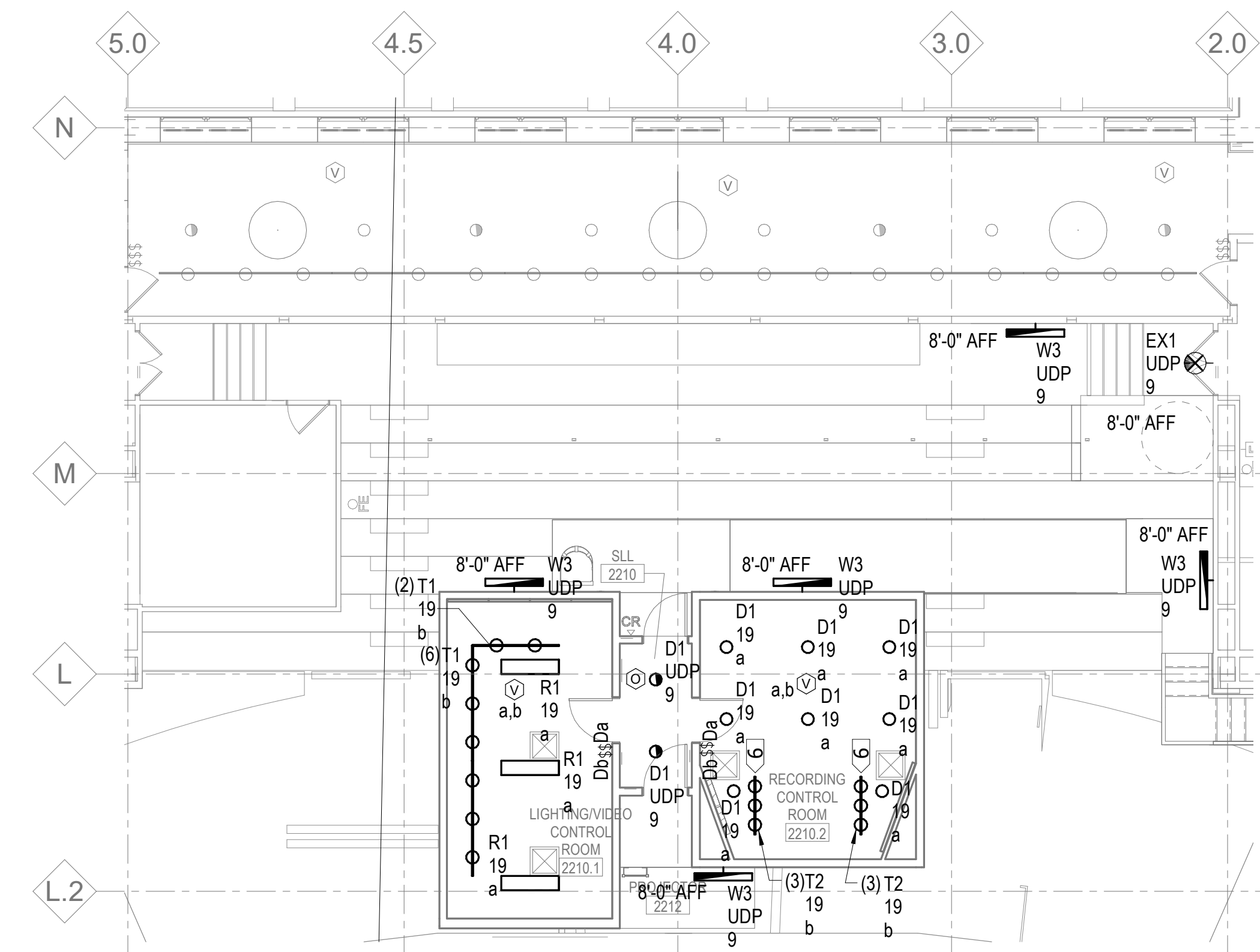
- COORDINATE WITH MECHANICAL DRAWINGS AND ARCHITECTURAL LIFE SAFETY PLANS FOR LOCATIONS AND QUANTITIES OF FIRE SMOKE DAMPERS AND DAMPER OPERATORS. PROVIDE A DEDICATED 20A, 120V CIRCUIT FOR EVERY 8 120V DAMPERS.
- REFER TO ARCHITECTURAL ELEVATIONS FOR ADDITIONAL MOUNTING INFORMATION OF DEVICES.
- COORDINATE DEVICE LOCATIONS AND ELEVATIONS AT ALL WORKSTATIONS WITH FINAL FURNITURE PLANS AND SHOP DRAWINGS PRIOR TO DEVICE ROUGH-IN.
- COORDINATE CABLE TRAY ROUTING WITH ALL TRADES. MAINTAIN 6" SEPARATION FROM LIGHT FIXTURE BALLASTS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL MOUNTING HEIGHTS AND LOCATIONS OF SECURITY DEVICES WITH SECURITY DESIGNERS DOCUMENTS. REFER TO SHEET SERIES SN PRIOR TO ROUGH-IN.
- JUNCTION BOXES WITH TAGS THAT START WITH AV- ARE AV REQUIREMENTS.



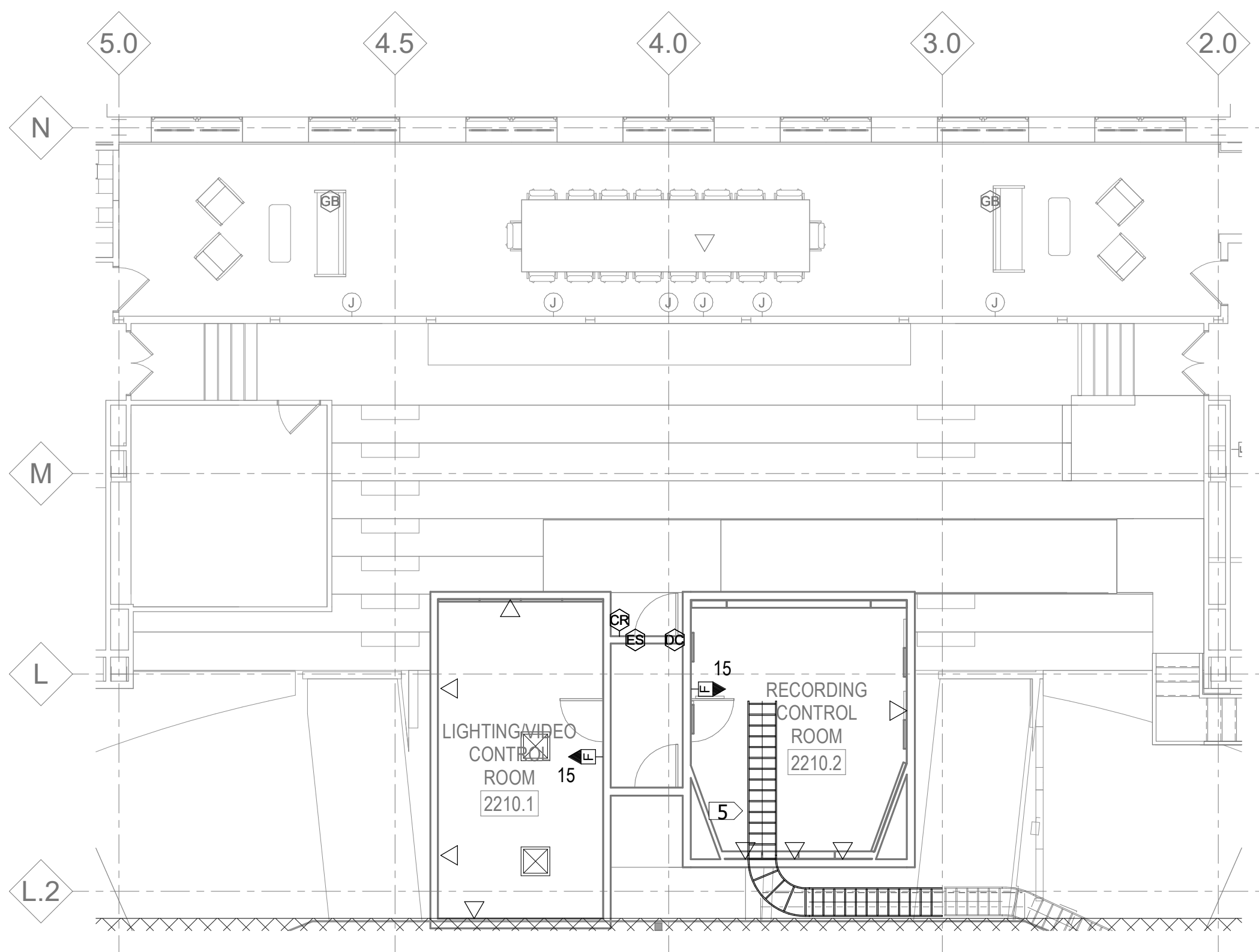
1 CONTROL BOOTH ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"



3 CONTROL BOOTH POWER PLAN
1/8" = 1'-0"



2 CONTROL BOOTH LIGHTING PLAN
1/8" = 1'-0"



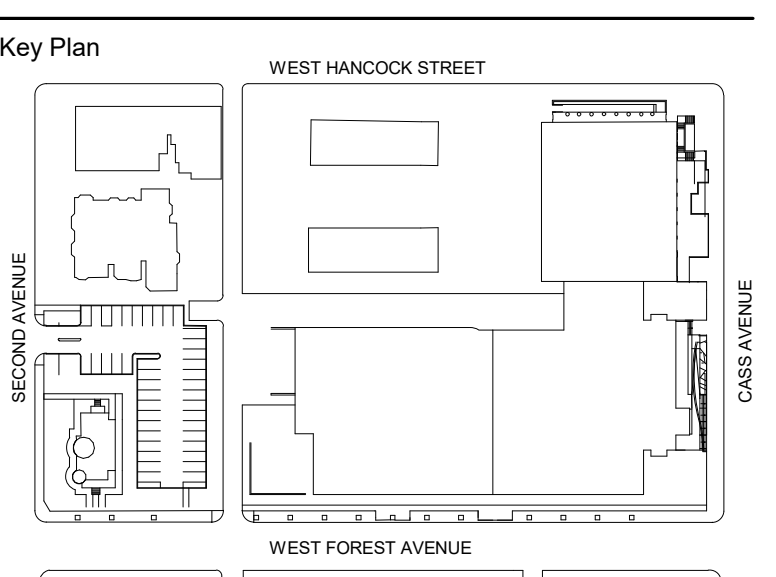
4 CONTROL BOOTH SYSTEMS PLAN
1/8" = 1'-0"

MECHANICAL EQUIPMENT SCHEDULE CONTROL BOOTH

TAG	LOCATION	EMERGENCY POWER	HP	KW	FLA	MCA	OCP	VOLTAGE	PHASE	LOAD	PANEL	CIRCUIT #	CONDUIT AND WIRE	DISCONNECT FURNISHED	DISCONNECT SIZE	VSD	STARTER SIZE	VSD OR STARTER RESPONSIBILITY			START-STOP CONTROL DEVICE
																		FURNISHED	INSTALLED	WIRED	
VRF-FC																					
VRF-FC-A.5	UNUSED / STORAGE	No			2.3	2.875	15	208 V	1	598 VA	TDPP-4A	16,18	3/4"C, 2#12, 1#12G	DIV 26	MSS	-	WIEQUIP	WIEQUIP	WIEQUIP	WIEQUIP	

Owner	Wayne State University FP&M 5454 Cass Ave Detroit, MI 48202 313.577.2424
Contractor	Rockford Construction 155 West Congress Street, Suite 505 Detroit, MI 48226 313.309.9854
Executive Architect	Hamilton Anderson 1435 Randolph Street, Suite 200 Detroit, MI 48226 313.964.0270
Design Architect	HGA 420 5th Street N, Suite 100 Minneapolis, MN 55401 612.758.4000
MEP Engineer	HGA 420 5th Street N, Suite 100 Minneapolis, MN 55401 612.758.4000
Structural Engineer	DESI / NASR Consulting Engineers 6765 Daly Road West Bloomfield, MI 48322 248.392.2010
Civil Engineer	Spalding DeDecker 905 South Blvd East Rochester Hills, MI 48307 800.598.1600
Landscape Architect	Hamilton Anderson 1435 Randolph Street, Suite 200 Detroit, MI 48226 313.964.0270
Theatrical	Auerbach Pollock Friedlander 285 West 37th Street New York, NY 10018 212.764.5630
Lighting	Auerbach Glasow 1945 Sansome Street, Suite 300 San Francisco, CA 94111 415.392.7528
Acoustics	Jaffe Holden 114-A Washington Street Norwalk, CT 06864 203.838.4198

DETROIT, MI



BULLETIN 22 BP4 CONTROL BOOTH APRIL 11, 2024
50% CONSTRUCTION DOCUMENTS MAR. 17, 2020

WSU - GATEWAY THEATER COMPLEX

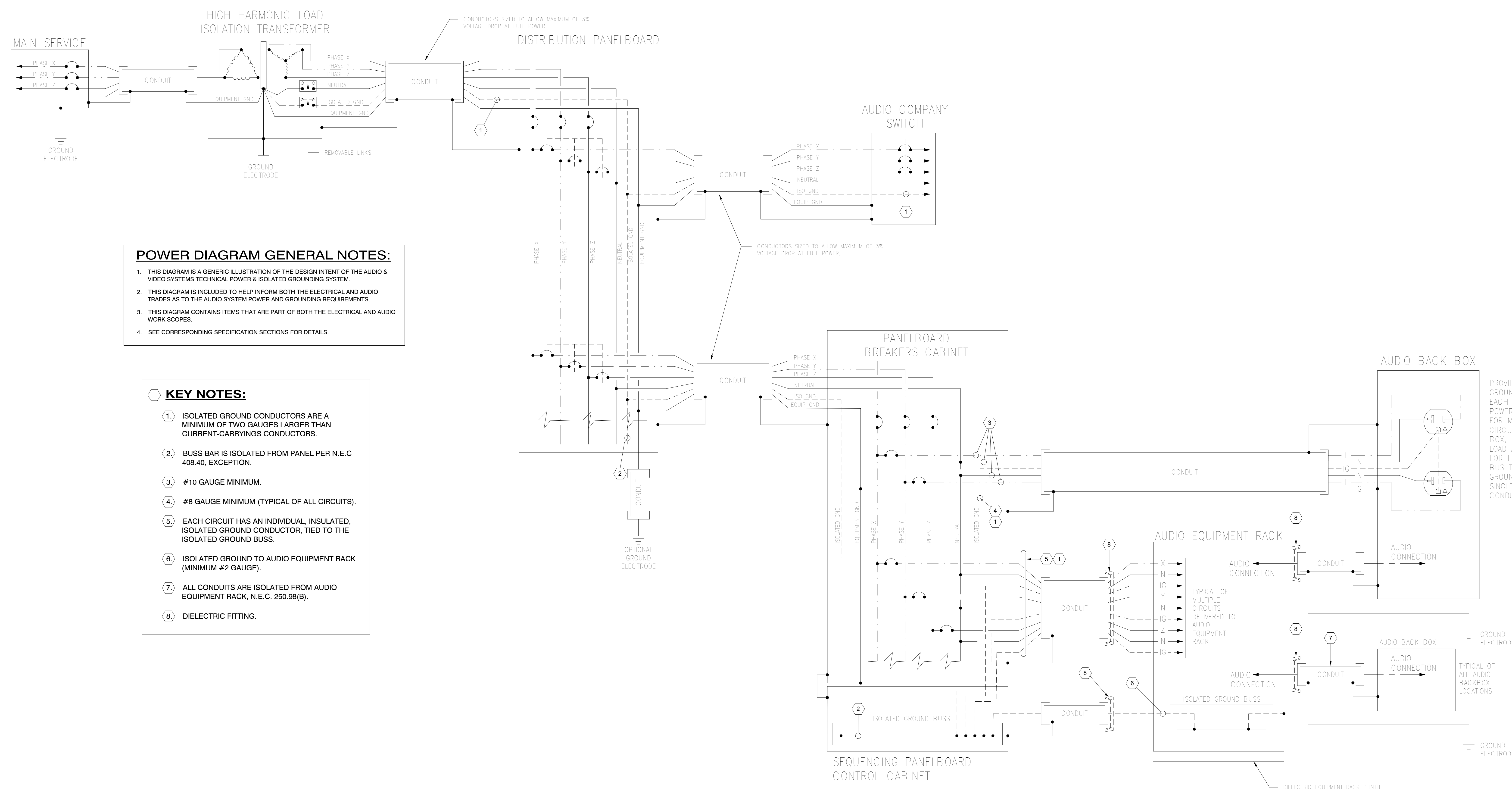
WSU PROJECT NO. 189-178578

AV - TECHNICAL POWER RECOMMENDED PRACTICE

Project Number: 3995-001-00
Drawing Title
Drawn By: Designer
Scale: 1 : 5
Seal:

Signature:
Drawing No:

AV0.9



POWER DIAGRAM GENERAL NOTES:

1. THIS DIAGRAM IS A GENERIC ILLUSTRATION OF THE DESIGN INTENT OF THE AUDIO & VIDEO SYSTEMS TECHNICAL POWER & ISOLATED GROUNDING SYSTEM.
2. THIS DIAGRAM IS INCLUDED TO HELP INFORM BOTH THE ELECTRICAL AND AUDIO TRADES AS TO THE AUDIO SYSTEM POWER AND GROUNDING REQUIREMENTS.
3. THIS DIAGRAM CONTAINS ITEMS THAT ARE PART OF BOTH THE ELECTRICAL AND AUDIO WORK SCOPES.
4. SEE CORRESPONDING SPECIFICATION SECTIONS FOR DETAILS.

- KEY NOTES:**
1. ISOLATED GROUND CONDUCTORS ARE A MINIMUM OF TWO GAUGES LARGER THAN CURRENT-CARRYING CONDUCTORS.
 2. BUSS BAR IS ISOLATED FROM PANEL PER N.E.C. 408.40, EXCEPTION.
 3. #10 GAUGE MINIMUM.
 4. #8 GAUGE MINIMUM (TYPICAL OF ALL CIRCUITS).
 5. EACH CIRCUIT HAS AN INDIVIDUAL, ISOLATED, ISOLATED GROUND CONDUCTOR, TIED TO THE ISOLATED GROUND BUSS.
 6. ISOLATED GROUND TO AUDIO EQUIPMENT RACK (MINIMUM #2 GAUGE).
 7. ALL CONDUITS ARE ISOLATED FROM AUDIO EQUIPMENT RACK, N.E.C. 250.98(B).
 8. DIELECTRIC FITTING.

RE-ISSUED FOR BULLETIN 22 FOR REFERENCE

Owner: Wayne State University FP&M
5454 Cass Ave
Detroit, MI 48202
313.577.2424

Contractor: Rockford Construction
155 West Congress Street, Suite 505
Detroit, MI 48226
313.309.9854

Executive Architect: Hamilton Anderson
1435 Randolph Street, Suite 200
Detroit, MI 48226
313.964.0270

Design Architect: HGA
420 5th Street N, Suite 100
Minneapolis, MN 55401
612.758.4000

MEP Engineer: HGA
420 5th Street N, Suite 100
Minneapolis, MN 55401
612.758.4000

Structural Engineer: DESI / NASR Consulting Engineers
6765 Daly Road
West Bloomfield, MI 48322
248.392.2010

Civil Engineer: Spalding DeDecker
905 South Blvd East
Rochester Hills, MI 48307
800.598.1600

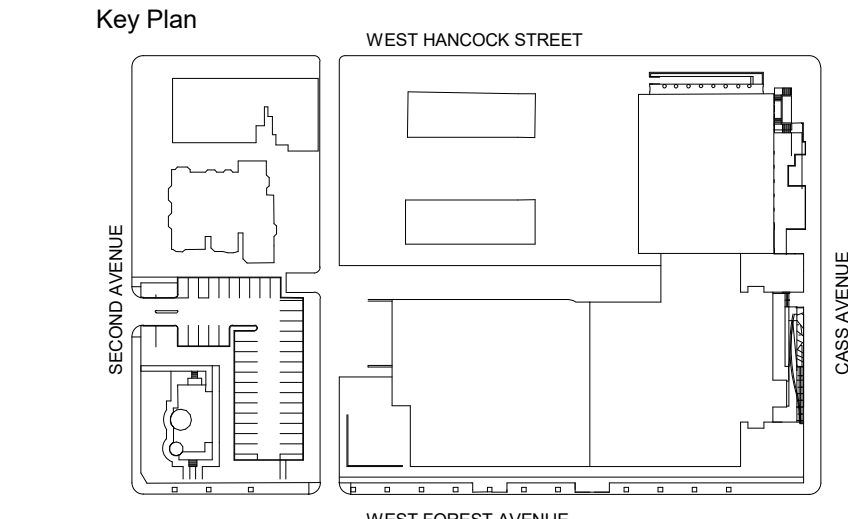
Landscape Architect: Hamilton Anderson
1435 Randolph Street, Suite 200
Detroit, MI 48226
313.964.0270

Theatrical: Auerbach Pollock Friedlander
286 West 37th Street
New York, NY 10018
212.764.5630

Lighting: Auerbach Glasow
1045 Sansome Street, Suite 300
San Francisco, CA 94111
415.392.7528

Acoustics: Jaffe Holden
114-A Washington Street
Norwalk, CT 06864
203.636.4168

DETROIT, MI

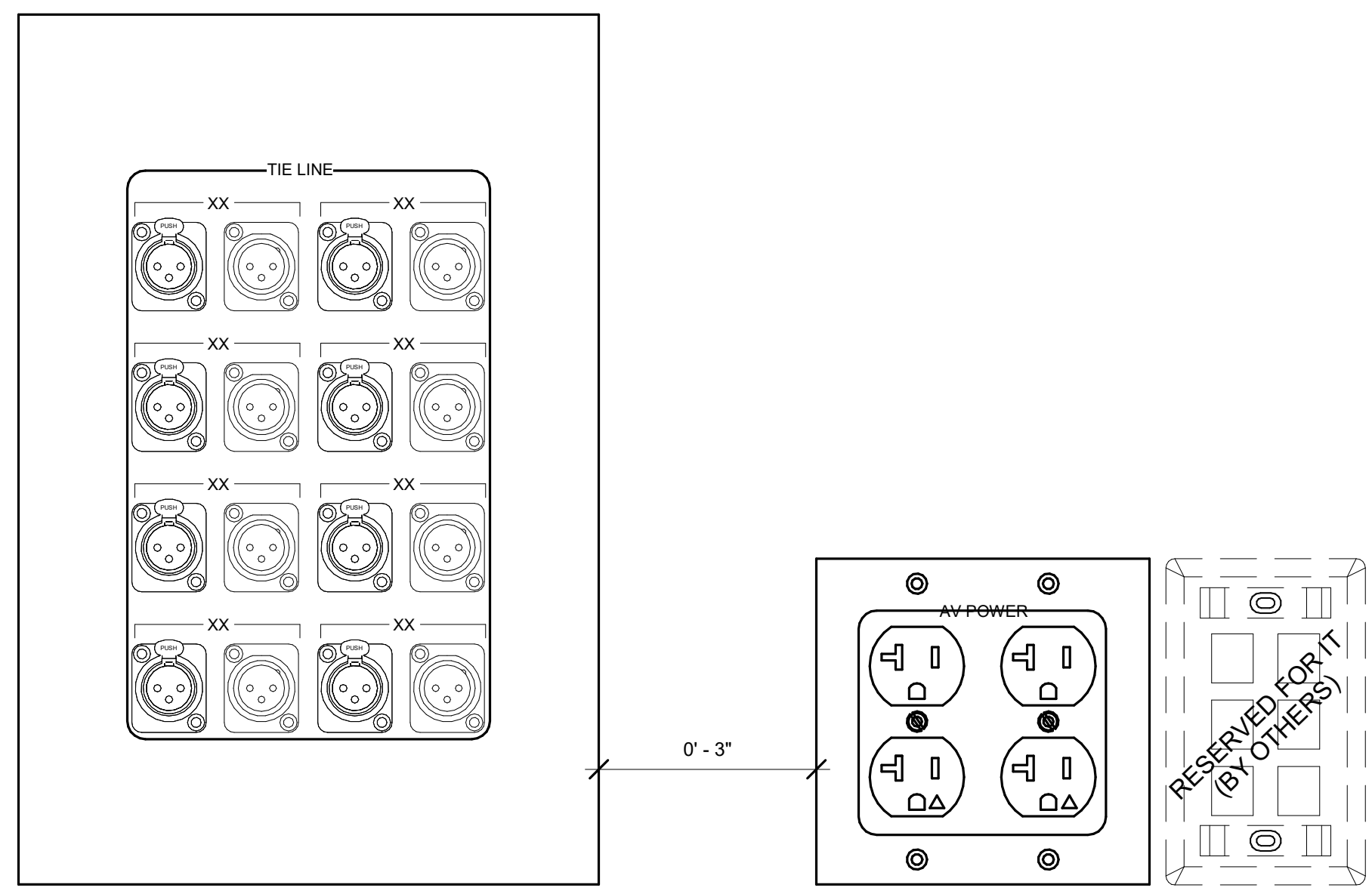


BULLETIN 22 BP4 CONTROL BOOTH	APRIL 11, 2024
PERMIT SET	JUNE 29, 2020
Project	
WSU - GATEWAY THEATER COMPLEX	
WSU PROJECT NO. 189-178578	
Drawing Title	
AV - PLATES AND PANELS 16	
Project Number: 3995-001-00	
Drawn By: Designer	
Scale: 1:2	
Seal:	

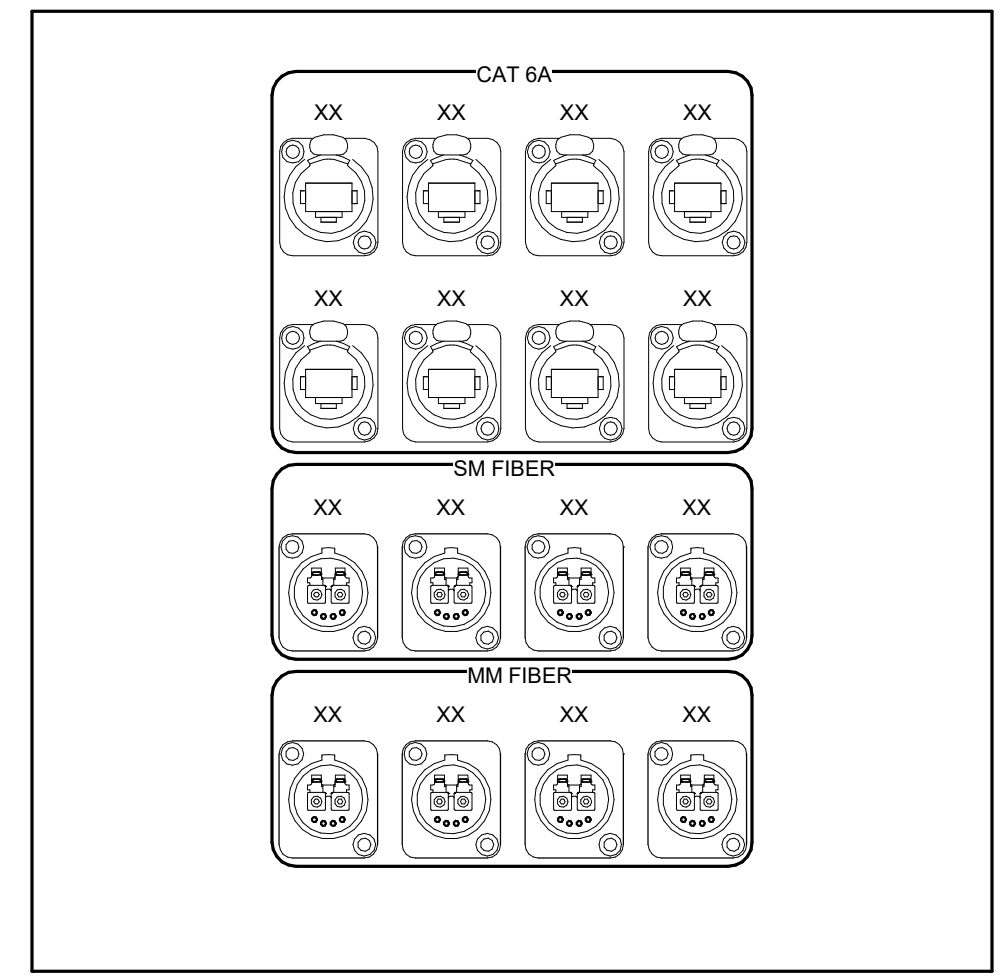
WSU - GATEWAY THEATER COMPLEX
WSU PROJECT NO. 189-178578
Drawing Title
AV - PLATES AND PANELS 16

Project Number: 3995-001-00
Drawn By: Designer
Scale: 1:2
Seal:

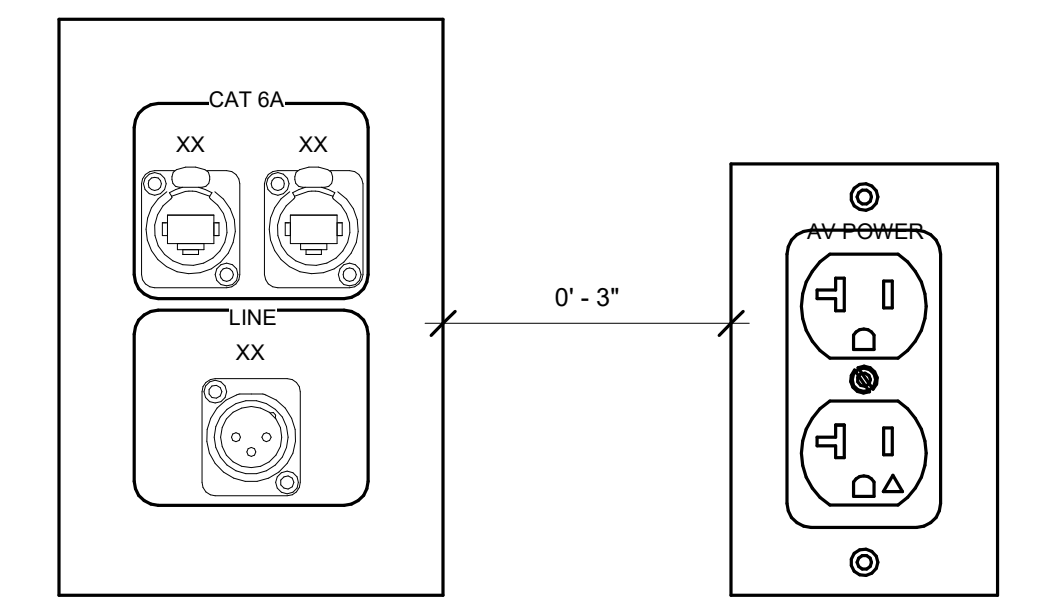
Signature: _____
Drawing No:



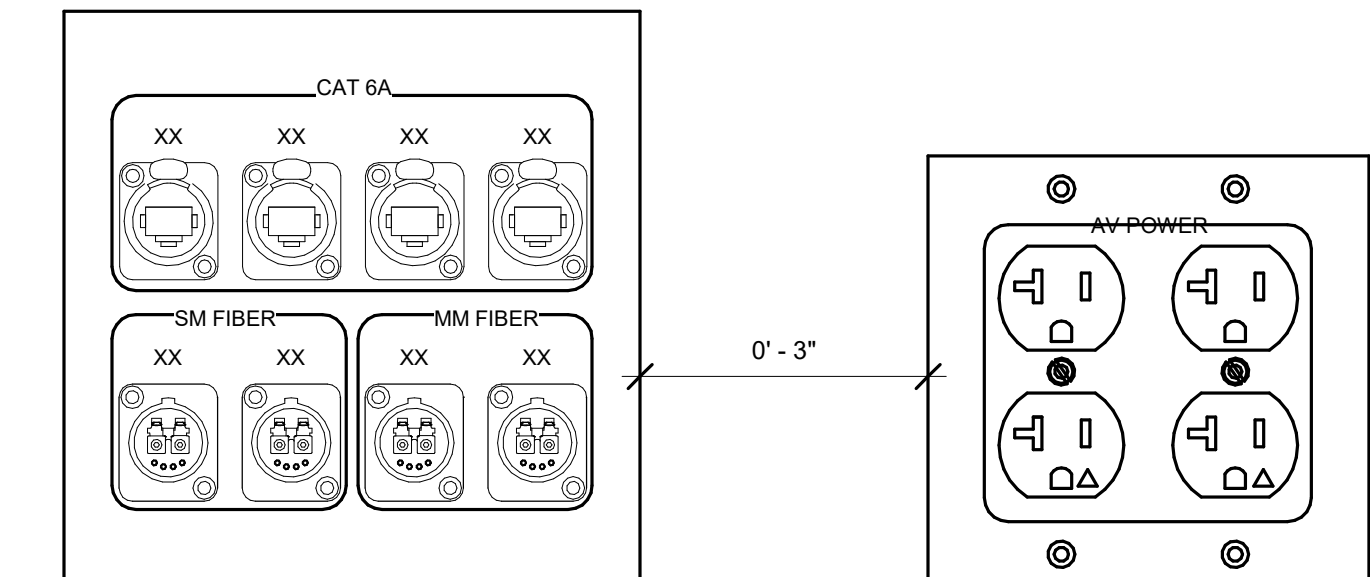
1 Panel LV - VIDEO CONTROL ROOM INTERFACE
BOX TYPE - 12x8x6



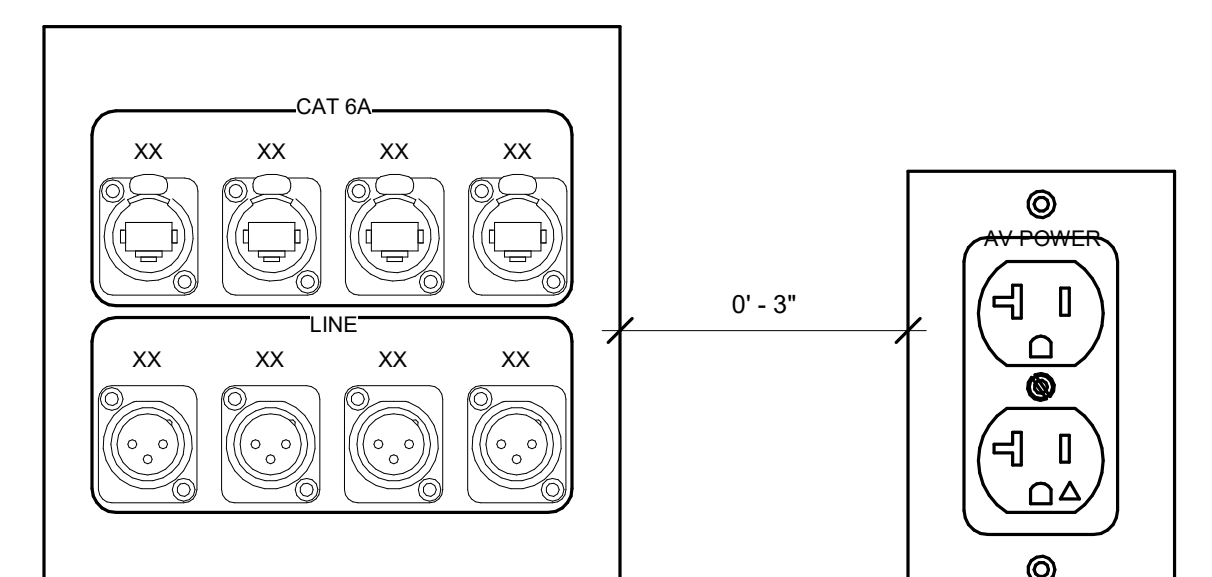
2 Panel QV - VIDEO CONTROL ROOM INTERFACE
BOX TYPE - 10x10x6



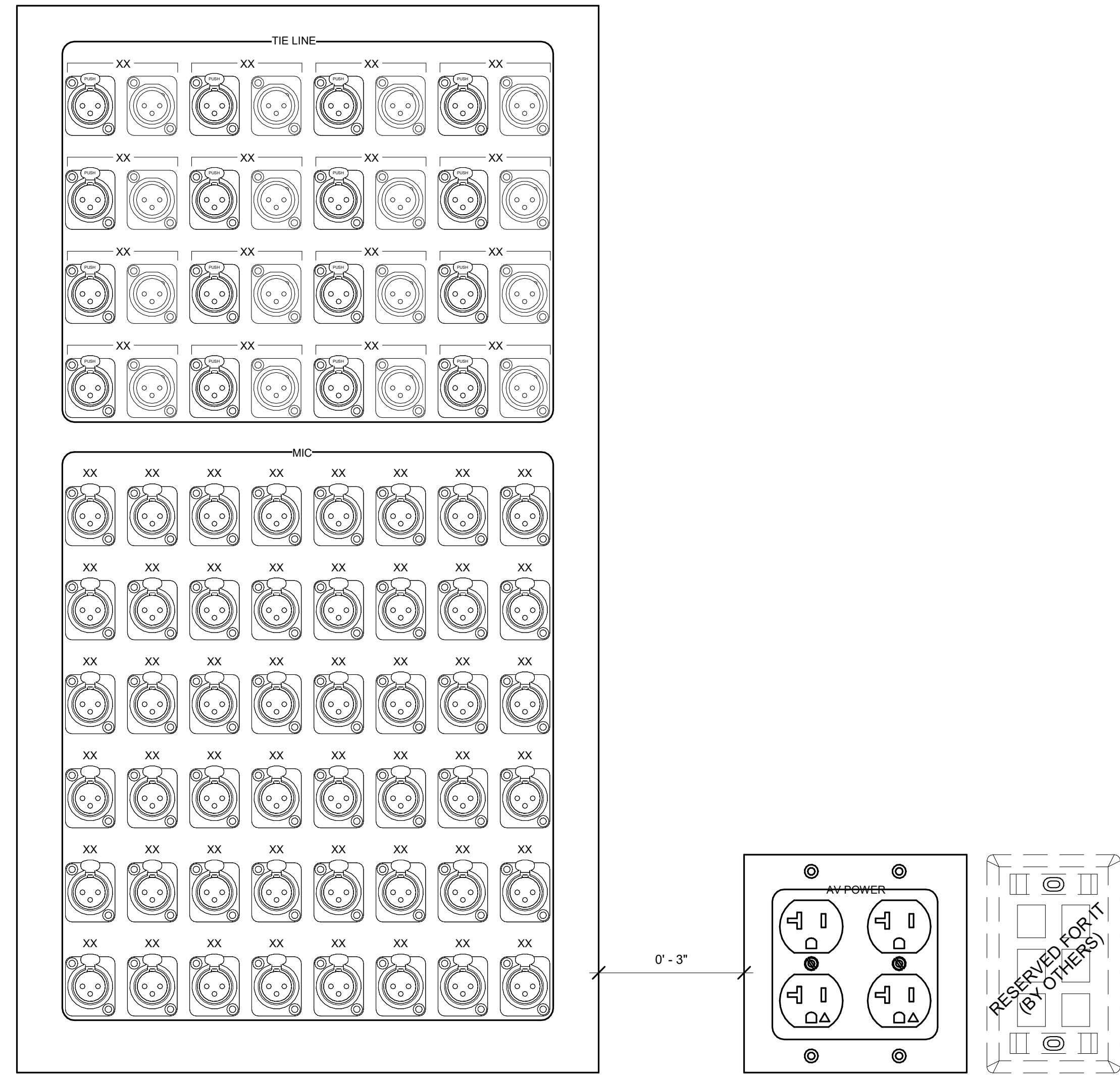
3 Panel MK - SIDE SURROUND MONITOR
BOX TYPE - 6x4x4



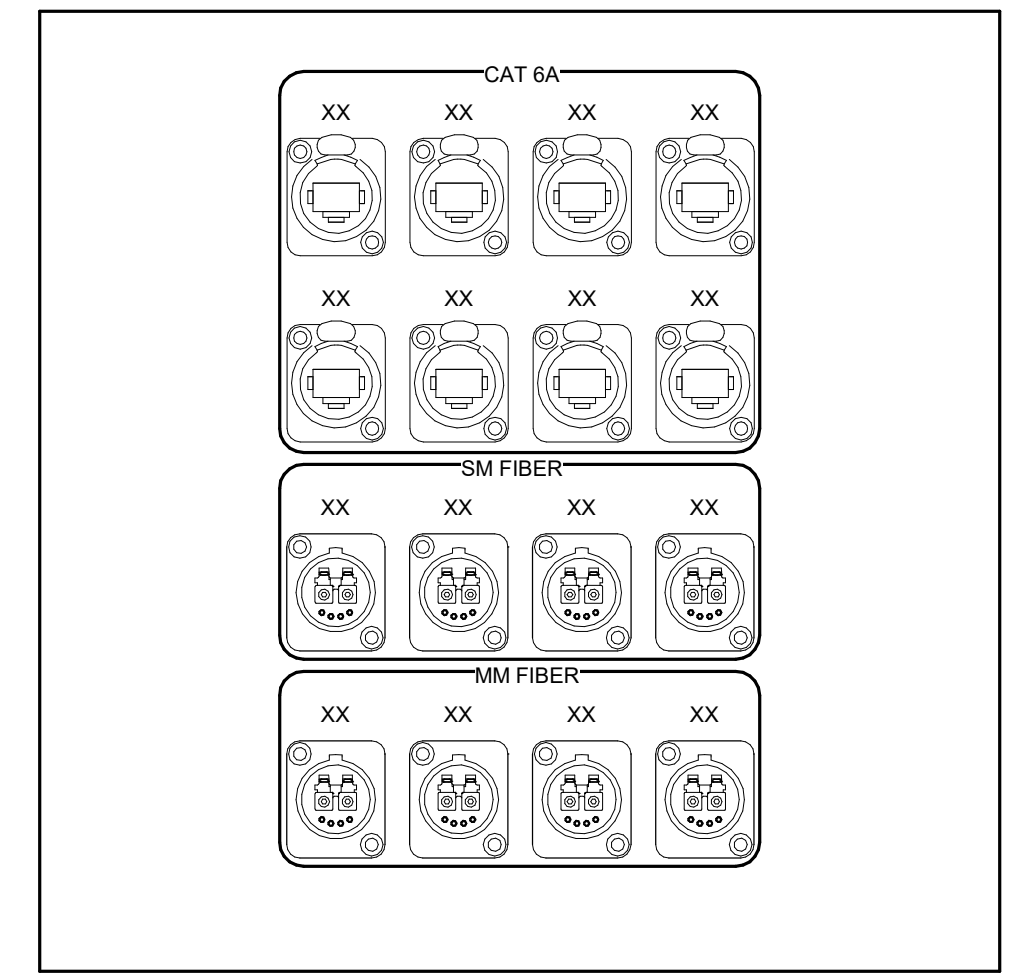
4 Panel QL - RECORDING CONTROL ROOM INTERFACE - CONSOLE
BOX TYPE - 6x6x6



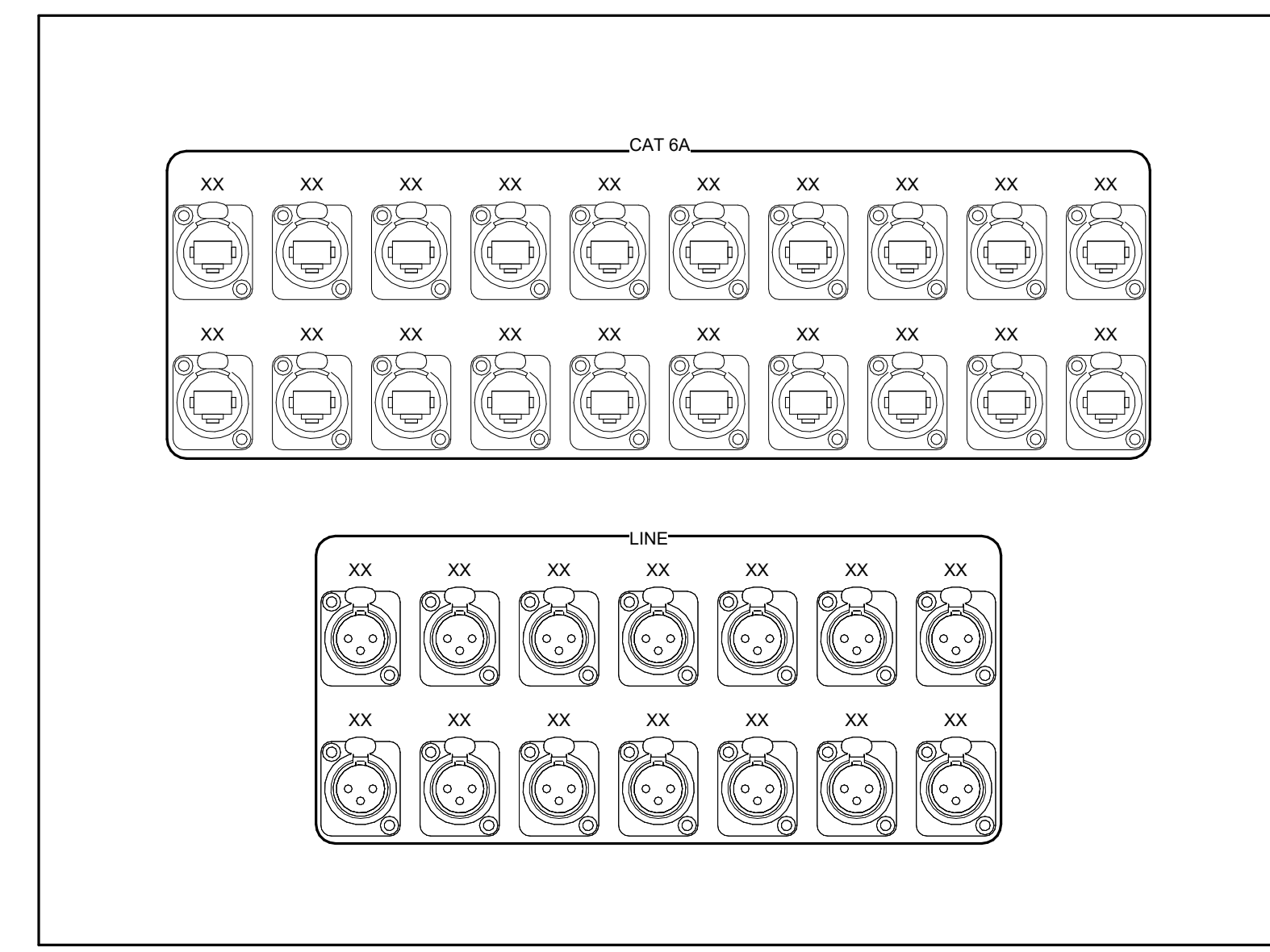
5 Panel ML - OVERHEAD SURROUND MONITOR
BOX TYPE - 6x6x6



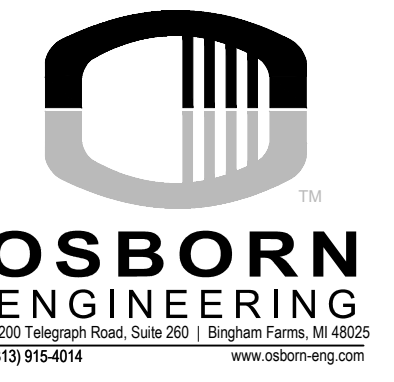
6 Panel LK - RECORDING CONTROL ROOM INTERFACE - CONSOLE
BOX TYPE - 22x12x6



7 Panel QK - RECORDING CONTROL ROOM INTERFACE - RACK
BOX TYPE - 10x10x6



8 Panel LZ - SURROUND MONITORS INTERFACE
BOX TYPE - 12x16x6



SILVERI ARCHITECTS

GRETCHEN C. VALADE JAZZ CENTER - PHASE IV
WAYNE STATE UNIVERSITY

4743 Cass Ave
Detroit, MI 48202

TAG	ISSUED	DATE
	BID SET	4/18/2024

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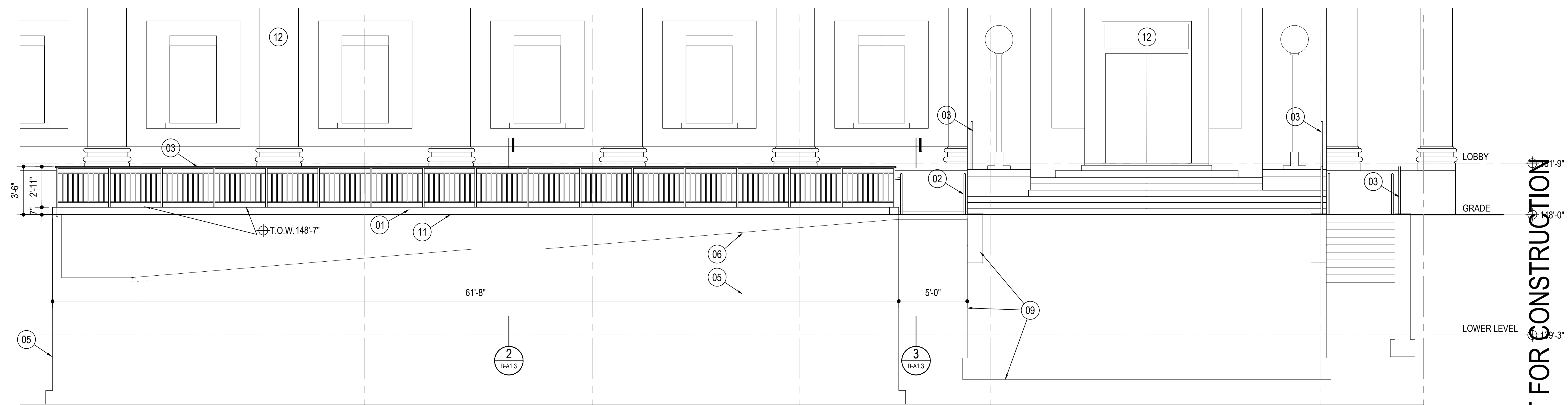
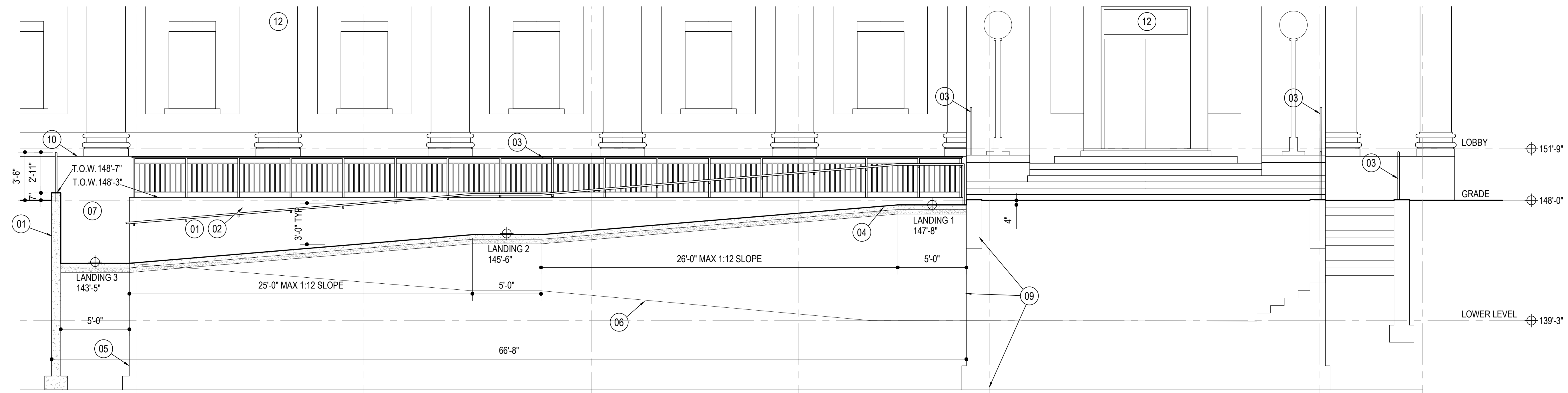
DRAWN BY V/S
CHECKED BY MAS
CLIENT PROJ NO. PV-FY20-AE18
OSBORN PROJ NO. J20240114.000

RAMP SECTION AND ELEVATION

DRAWING NO.
B-A1.2

KEYNOTES

- 01 8" CONCRETE RAMP WALL
- 02 HANDRAIL- SEE SHEET B-A1.4
- 03 GUARDRAIL- SEE SHEET B-A1.4
- 04 4" CONCRETE SLAB OVER 4" SAND BASE
- 05 RAMP WALL FOOTING- SEE STRUCTURAL DRAWINGS
- 06 CONCRETE SLAB BEYOND
- 07 NOT USED
- 08 1 1/2" STEEL TUBE GATE POST POWDER COATED
- 09 ASSUMED OUTLINE OF EXISTING BUILDING FOUNDATION- VIF
- 10 EXISTING BUILDING LEDGE
- 11 EXISTING GRADE- VIF
- 12 EXISTING BUILDING



NOT FOR CONSTRUCTION

D

C

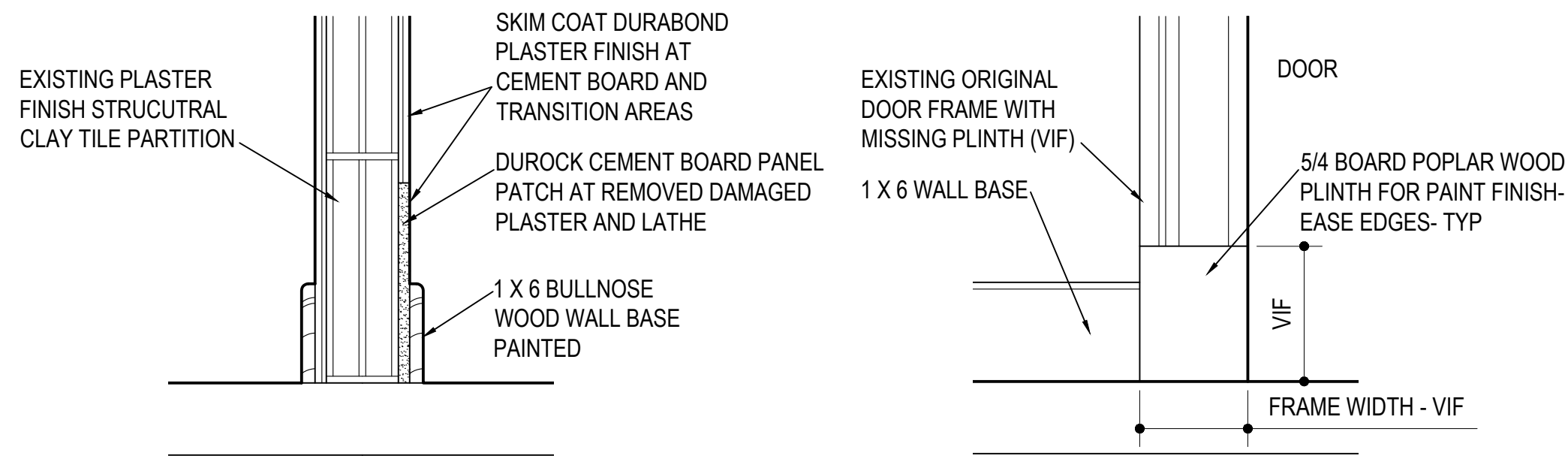
B

A

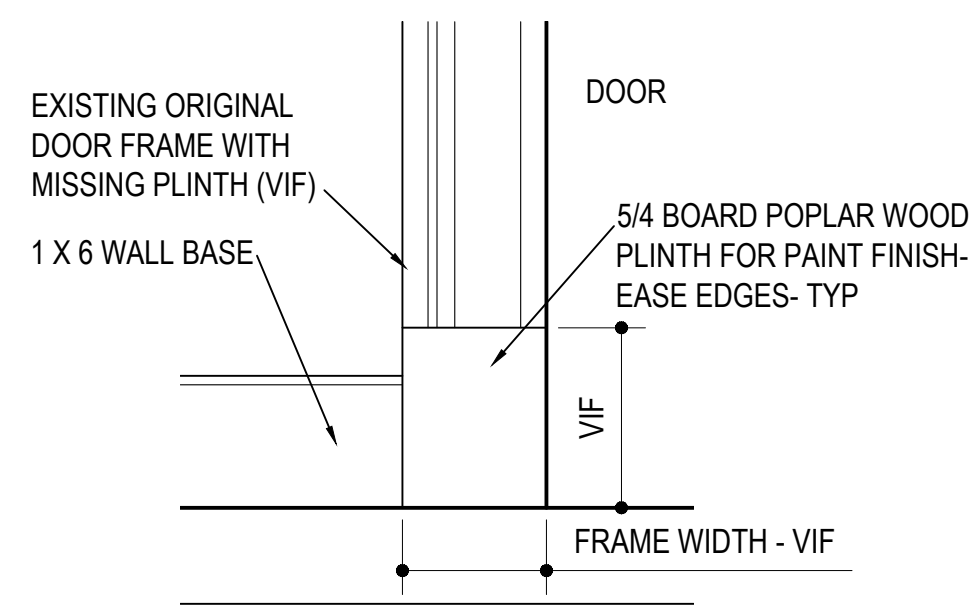
1 2 3 4 5 6

GENERAL NOTES

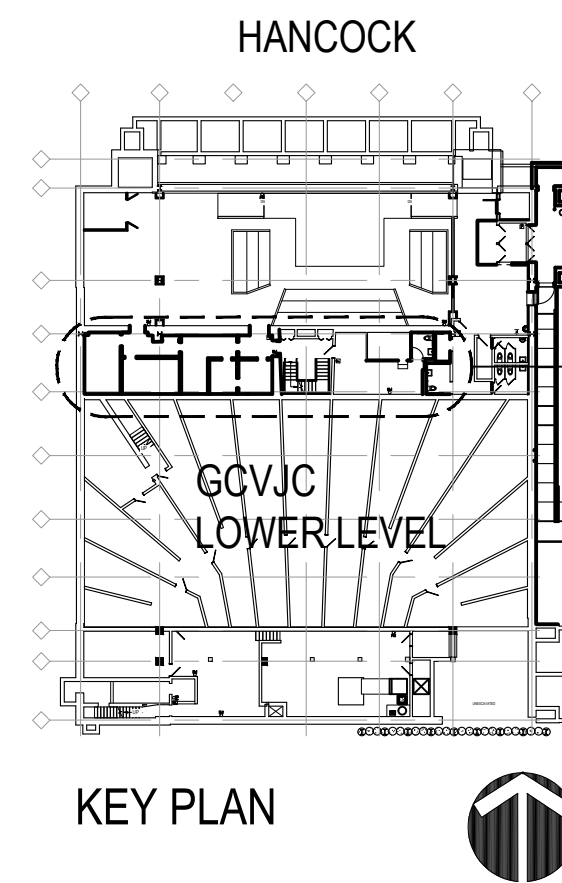
- CUT AND REMOVE BROKEN PLASTER AND LATHE EDGES AS NEEDED. PATCH REMOVED PLASTER AREAS WITH DUROCK CEMENT BOARD SECURED TO EXISTING FRAMING OR BLOCKING. SKIM COAT PATCH AREAS WITH DURABOND PLASTER AND TROWEL SMOOTH FOR PAINT FINISH.
- PROVIDE NEW WALL BASE THROUGHOUT DRESSING AREA SUITE FOR PAINT FIN. - REFER TO DETAIL 4/B-A1.5.
- REPLACE MISSING DOOR FRAME PLINTHS AS NEEDED AT DRESSING AREA SUITE - REFER TO DETAIL 5/B-A1.5. VIF.
- PAINT DOORS AND TRIM. PAINT CORRIDOR 0190.14 CLOSET INTERIOR AND DOORS.
- INSPECT DOOR HARDWARE AND REPAIR OR ADJUST AS NEEDED FOR GOOD WORKING ORDER.
- RE-USE EXISTING CLEATS AND BRACKETS FOR NEW COUNTERTOPS AT ROOMS 0105 AND 0107. PROVIDE NEW CLEATS AND BRACKETS FOR NEW COUNTERTOP AT ROOM 0108.
- PATCH VOIDS AND DAMAGED AREAS AT EXISTING WALLS AND CEILINGS.
- PRIME AND PAINT ALL EXISTING PAINTED SURFACES AT DRESSING AREA SUITE.
- INSTALL CARPET TILE THROUGHOUT ENTIRE DRESSING AREA SUITE. REFER TO SCHEDULES.



4 TYP WALL BASE AND PATCH
B-A1.5 1 1/2"=1'-0" 0 6"



5 DOOR FRAME PLINTH REPLACEMENT
B-A1.5 1 1/2"=1'-0" 0 6"



KEY PLAN

SYMBOLS

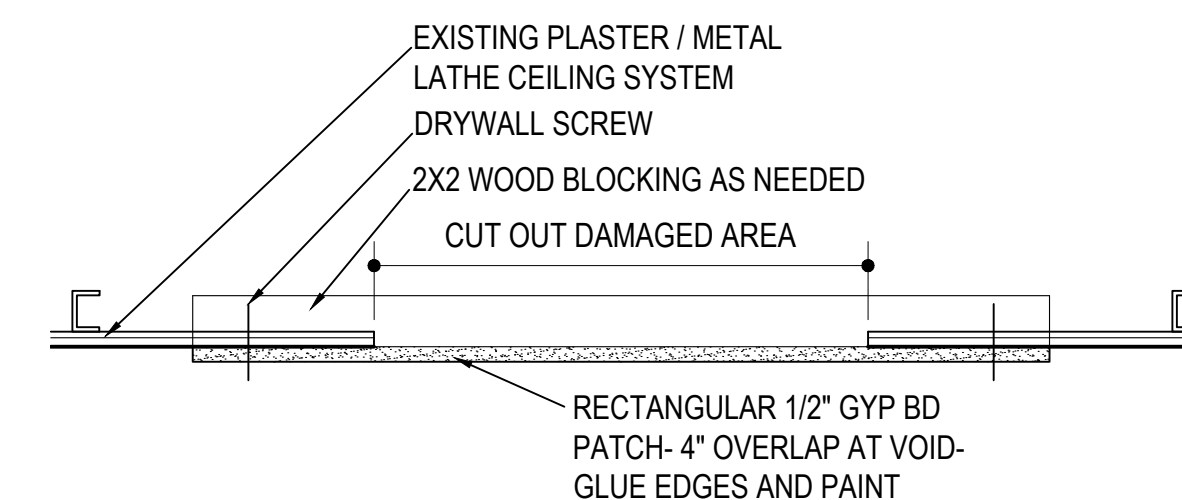
- EF EXHAUST FAN
- WALL MOUNTED LIGHT FIXTURE
- EP ELECTRICAL PANEL
- EXIT SIGN
- D01 DOOR NO. - REFER TO SCHEDULES
- EXISTING CONSTRUCTION
- NEW WALL OR PARTITION
- ITEM FOR DEMOLITION

DEMOLITION KEYNOTES

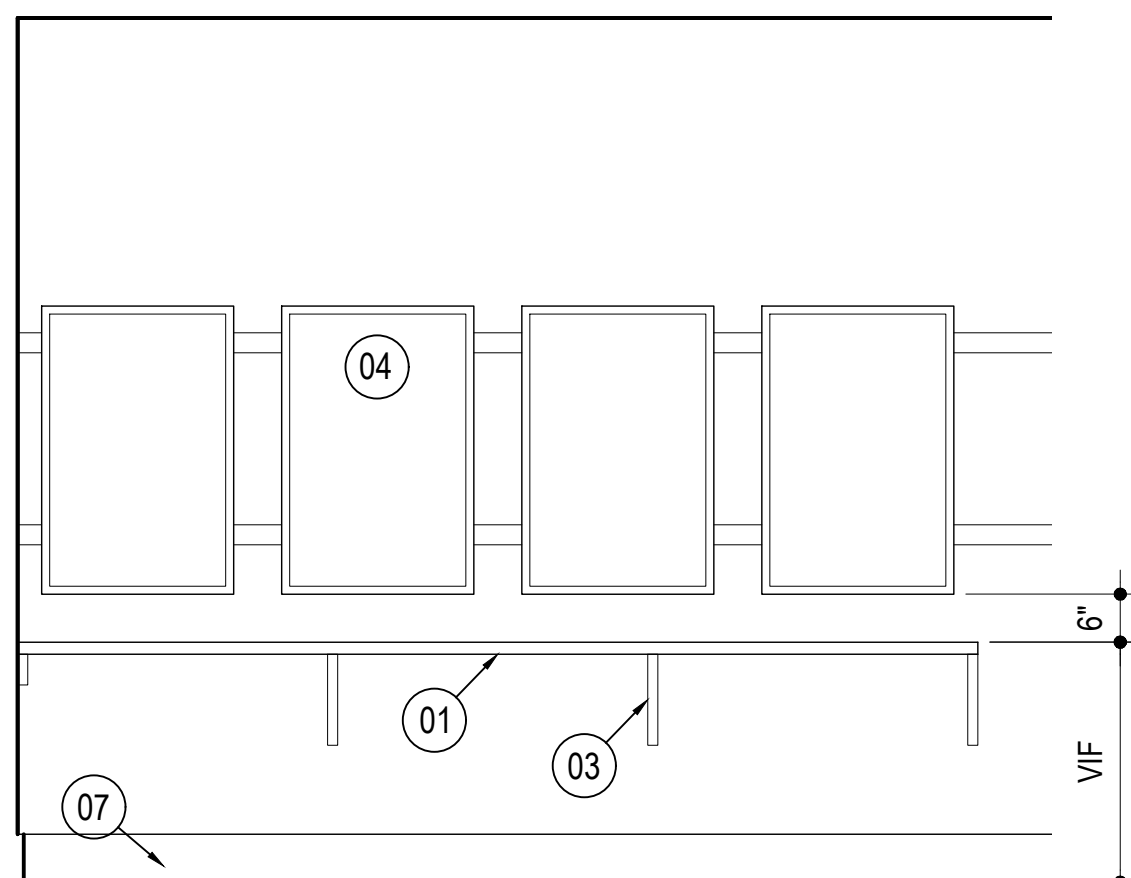
- 01 REMOVE COUNTER, SUPPORT SYSTEM AND LIGHTING
- 02 REMOVE PORTION OF PARTITION INDICATED- VERIFY EMPTY PLUMBING CHASE AT MODIFIED PARTITION
- 03 REMOVE COUNTER TOP- SUPPORT BRACKETS AND CLEATS TO REMAIN

CONSTRUCTION KEYNOTES

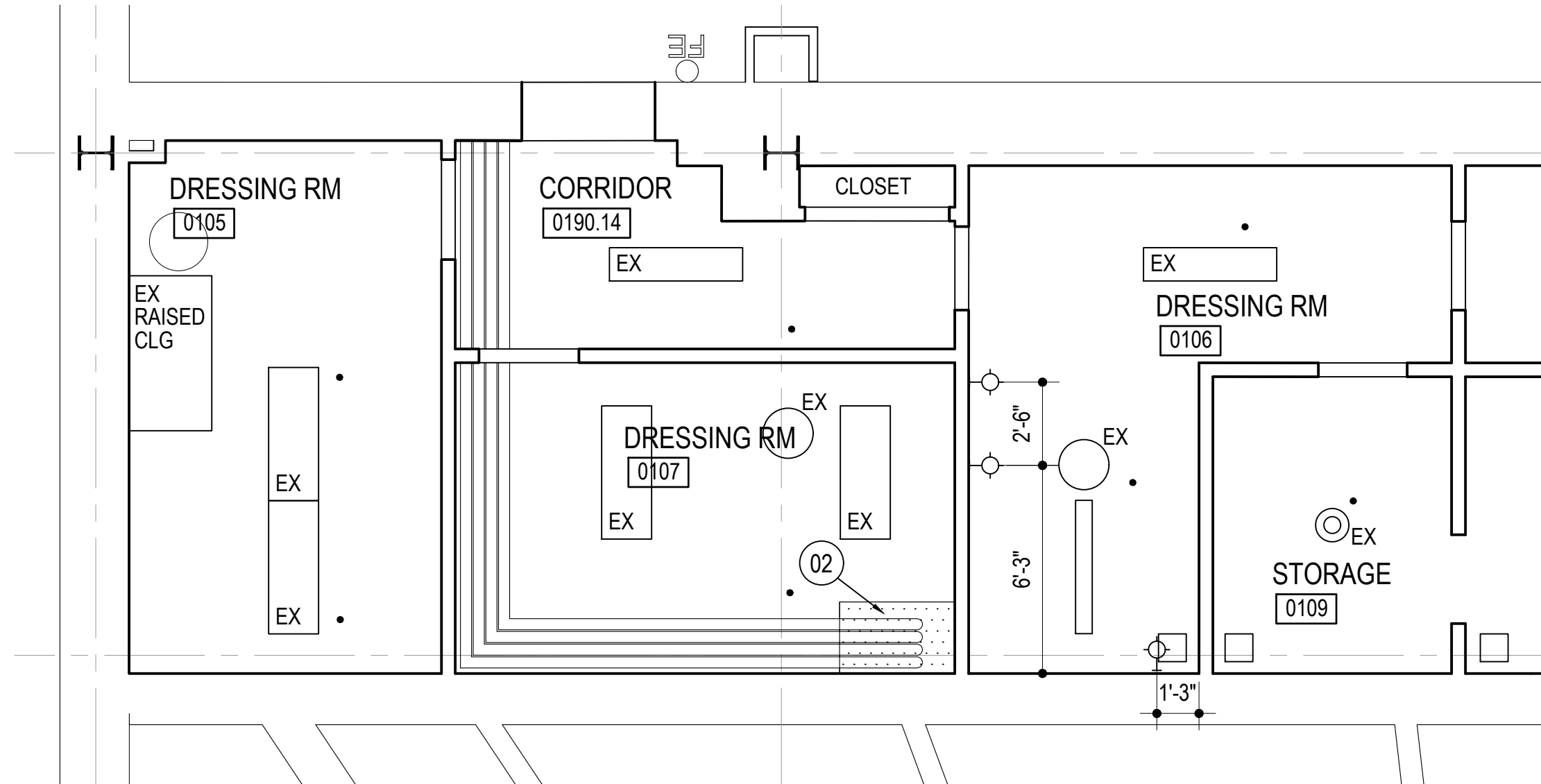
- 01 NEW P LAM COUNTERTOP
- 02 GYP BD PATCH AT EXISTING HOLE IN CEILING- SEE DETAIL 6/B-A1.5
- 03 RE-USE COUNTERTOP BRACKET AND CLEATS- PROVIDE NEW AS NEEDED
- 04 INSTALL OWNER PROVIDED DRESSING MIRRORS- REVIEW LOCATIONS WITH OWNER REPRESENTATIVE IN THE FIELD
- 05 REFINISH EXISTING WALL MOUNTED SHELF AND HANGER ROD TO REMAIN IN PLACE
- 06 GYP BD PAINTED
- 07 WALL BASE
- 08 CARPET TILE- REVIEW SELECTION WITH OWNER REPRESENTATIVE.



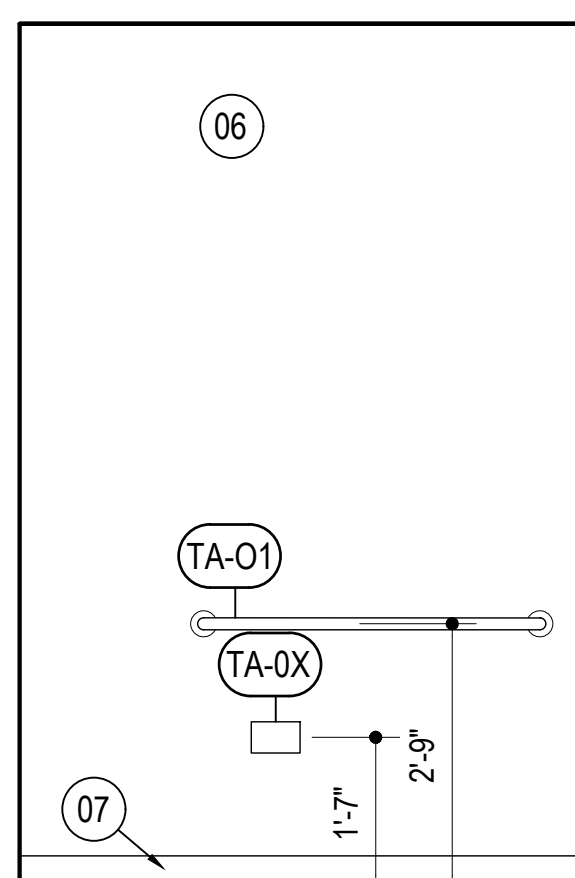
6 PLASTER CEILING PATCH
B-A1.5 1 1/2"=1'-0" 0 6"



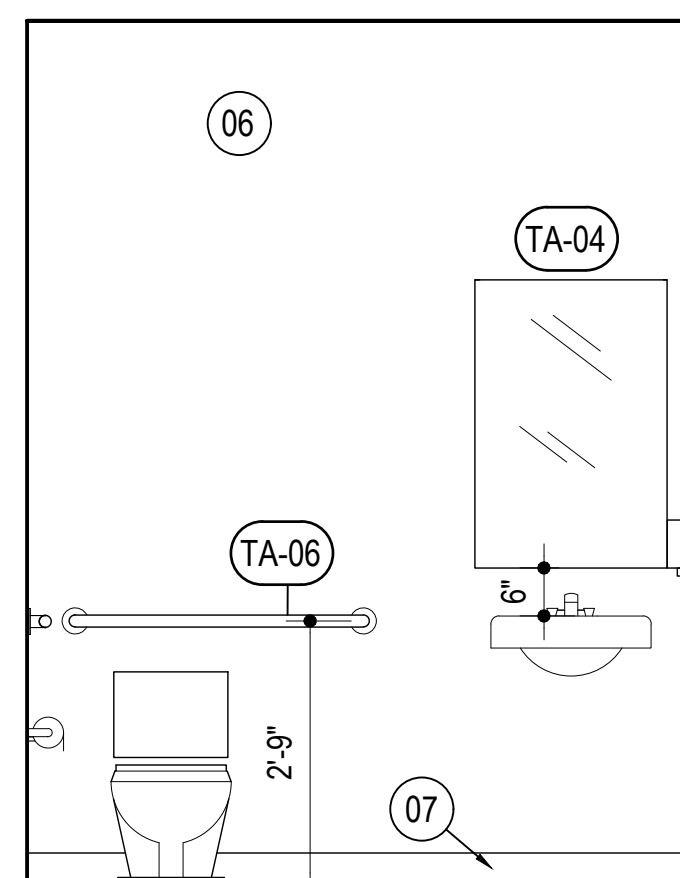
9 TYP DRESSING RM COUNTER
B-A1.5 1/2"=1'-0" 0 2'-0"



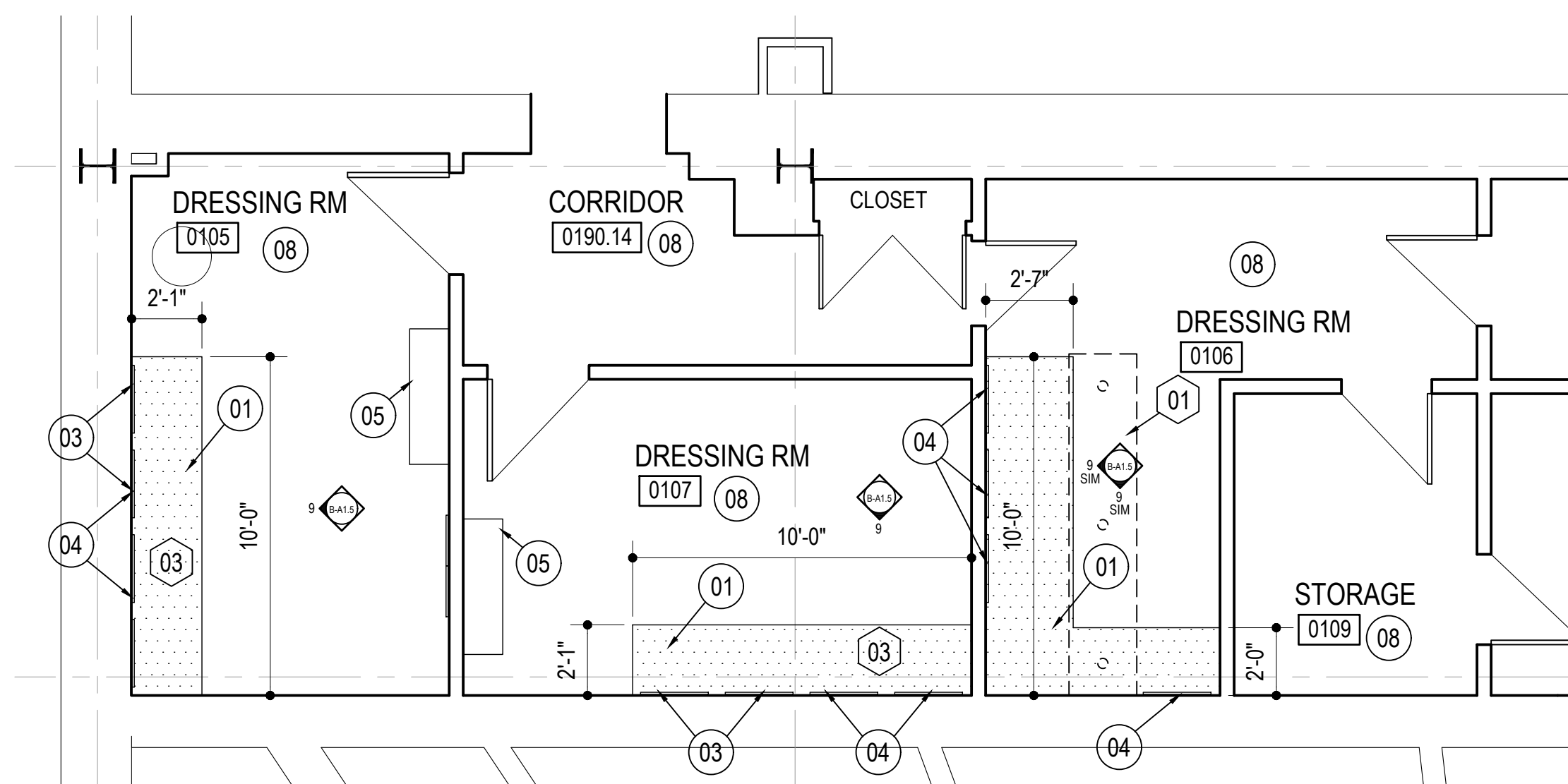
3 DRESSING AREA SUITE REFLECTED CEILING PLAN
B-A1.5 1/4"=1'-0" 0 4'-0"



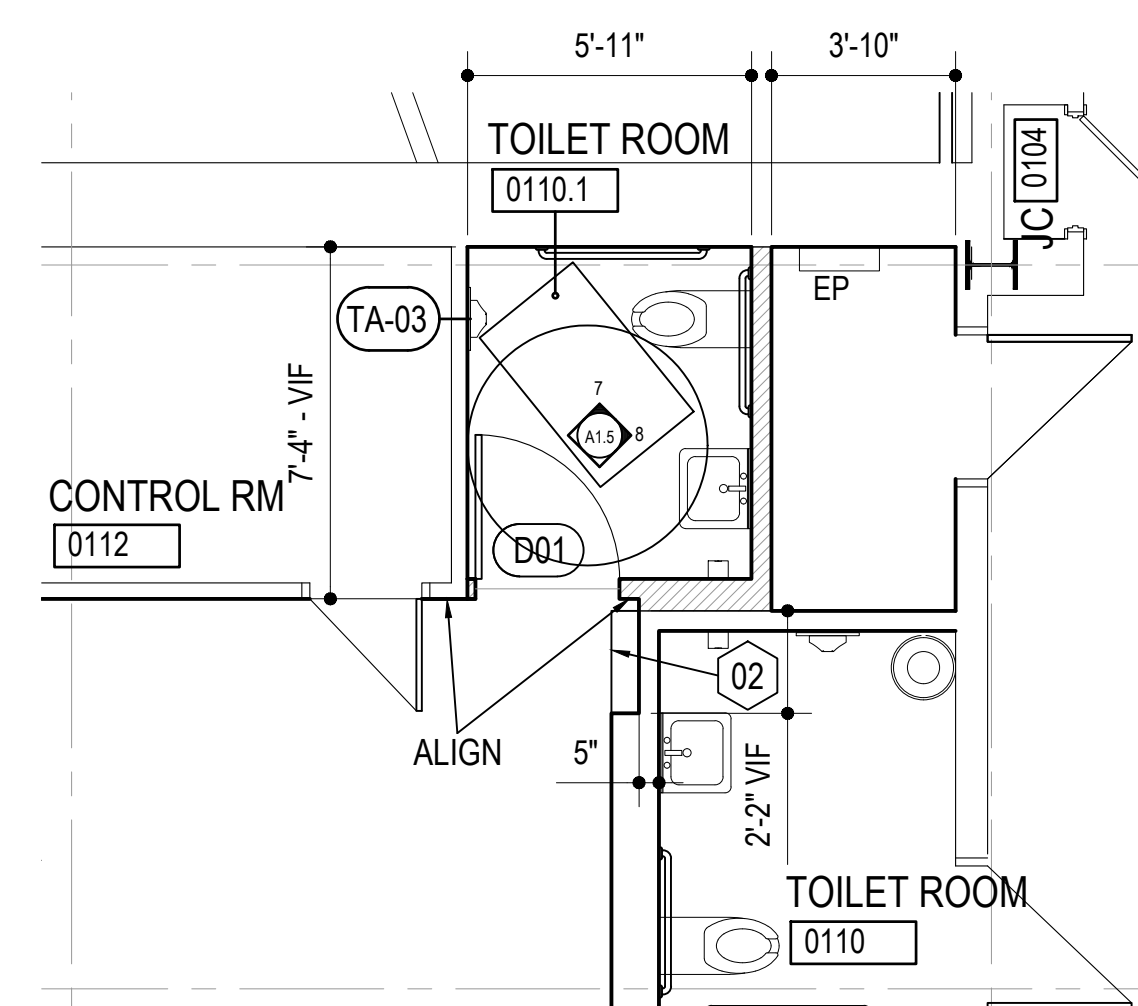
7 TOILET ROOM
B-A1.5 1/2"=1'-0" 0 2'-0"



8 TOILET ROOM
B-A1.5 1/2"=1'-0" 0 2'-0"



2 DRESSING AREA SUITE PLAN
B-A1.5 1/4"=1'-0" 0 4'-0"



1 TOILET ROOM 0110.1
B-A1.5 1/4"=1'-0" 0 4'-0"

NOT FOR CONSTRUCTION



SILVERI ARCHITECTS

GRETCHEN C. VALADE JAZZ CENTER - PHASE IV
WAYNE STATE UNIVERSITY

4743 Cass Ave
Detroit, MI 48202

TAG	ISSUED	DATE
BID SET		4/18/2024

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CLIENT PROJ NO. PV-FY20-AE18
OSBORN PROJ NO. J20240114.000

DRESSING ROOMS / TOILET ROOM

DRAWING NO.
B-A1.5

TAG	ISSUED	DATE
	BID SET	4/18/2024

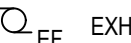
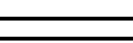



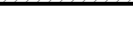


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CHECKED BY MAS
CLIENT PROJ NO. PV-FY20-AE18
OSBORN PROJ NO. J20240114.000

**DONOR LOUNGE
PLANS**

DRAWING NO.
B-A1.6

SYMBOLS

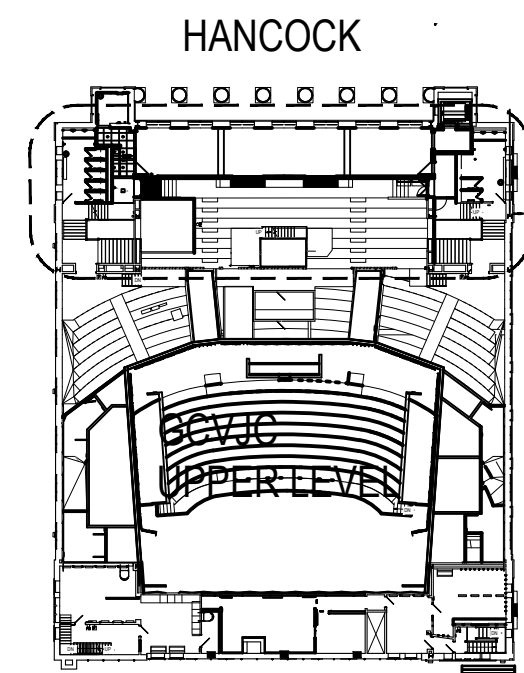
- | | | | |
|---|-------------------------------|---|--|
|  | EXHAUST FAN |  | EXISTING CONSTRUCTION |
|  | WALL MOUNTED LIGHT FIXTURE |  | NEW WALL OR PARTITION |
|  | ELECTRICAL PANEL |  | ITEM FOR DEMOLITION (DEMOLITION PLAN ONLY) |
|  | EXIT SIGN | | |
|  | DOOR NO. - REFER TO SCHEDULES | | |

DEMOLITION KEYNOTES

- 01 REMOVE DOOR AND FRAME
- 02 REMOVE PARTITION
- 03 REMOVE PARTIAL HEIGHT STAIR PARTITION
- 04 REMOVE STEAM RADIATOR AND PIPING

CONSTRUCTION KEYNOTES

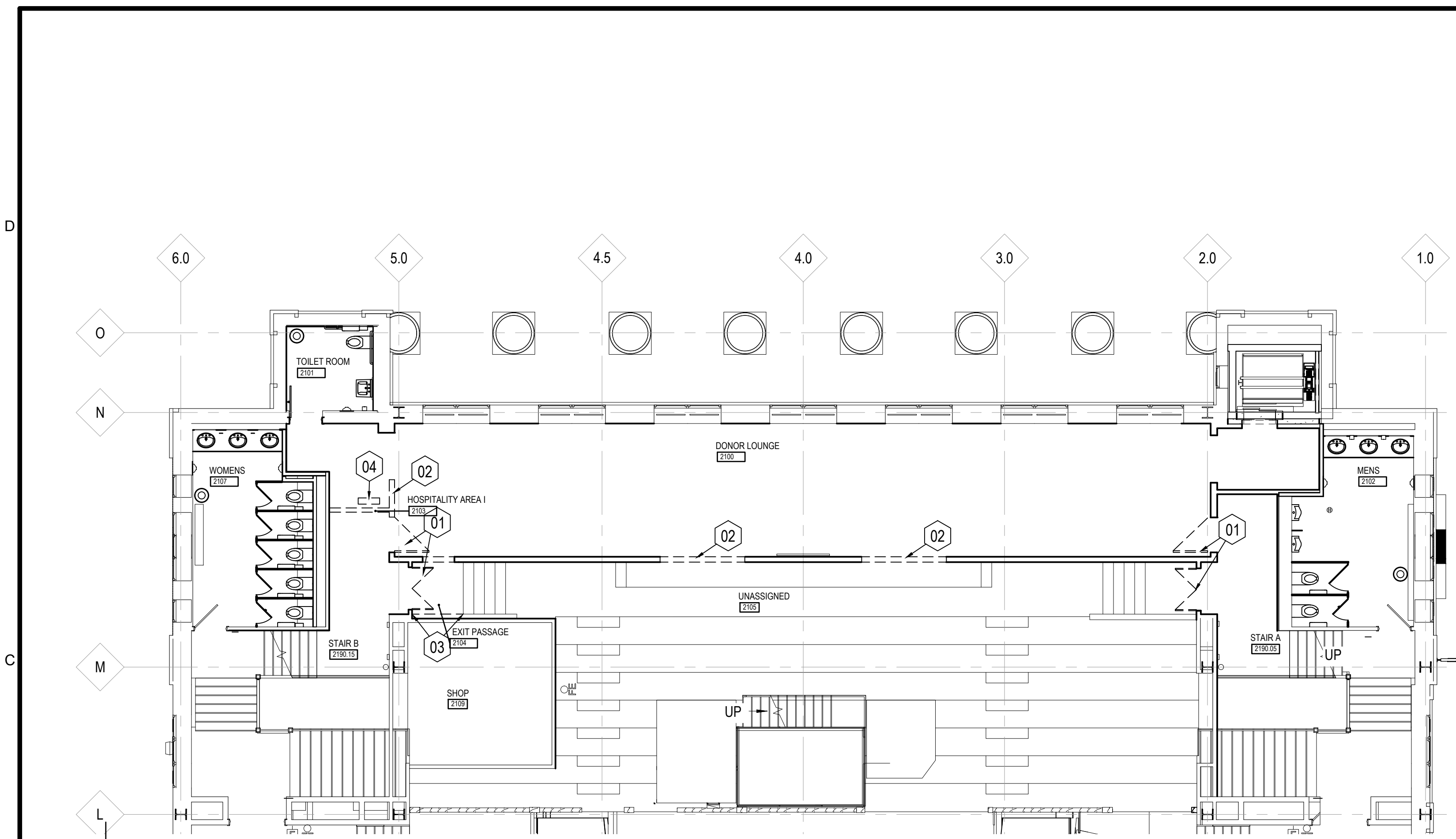
- 01 GYP BD OPENING AT REMOVED DOOR AND FRAME
- 02 5/8" GYP BD ON MTL FRAMING PARTITION- SEE 3/A1.8
- 03 BASE CABINET AND TOP
- 04 WALL MOUNTED SHELF AND HANGER ROD- SEE 5/A1.8
- 05 P LAM COUNTERTOP
- 06 CARPET TILE- REVIEW SELECTION WITH OWNER REPRESENTATIVE
- 07 NORTH WINDOWS REPAIR AND REPLACEMENT- TYP SEE GENERAL NOTES THIS SHEET



KEY PLAN

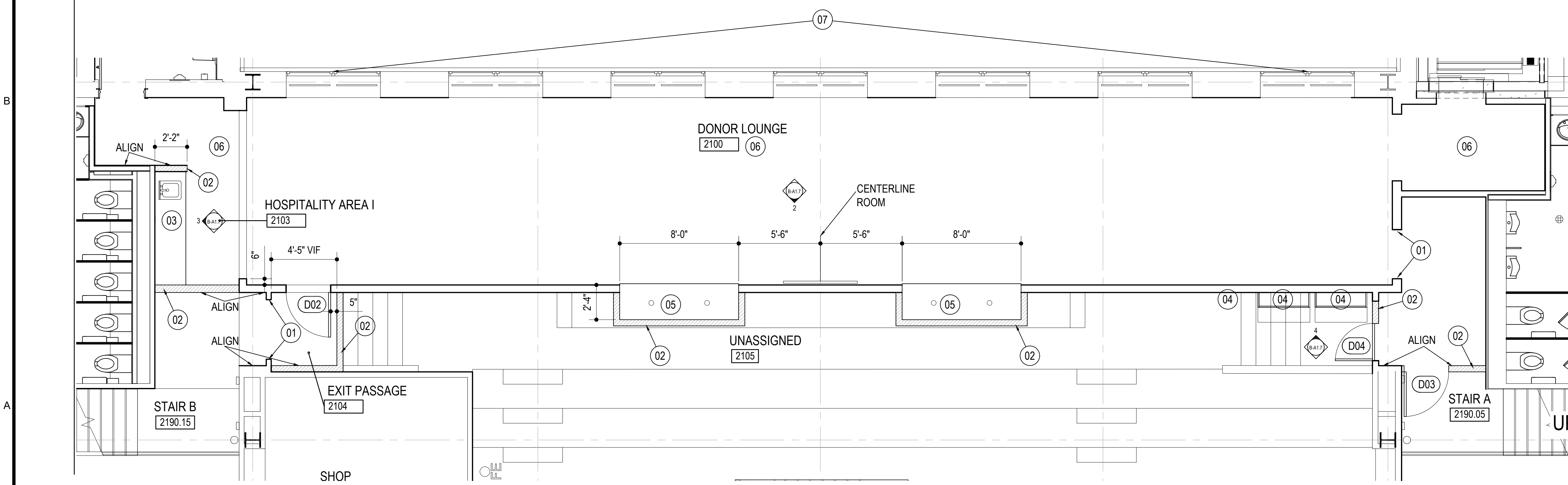
GENERAL NOTES

1. SALVAGE REMOVED DOORS, HARDWARE AND FIXTURES FOR RE-USE BY OWNER. REVIEW ITEMS FOR SALVAGE WITH OWNER REPRESENTATIVE.
2. REPAIR WINDOWS AS NECESSARY TO ENSURE THEY ARE WEATHER TIGHT. REVIEW WITH OWNER REPRESENTATIVE REPLACEMENT SCHEME USING ATTIC STOCK (6 PIECES) AND DUPLICATION OF MATCHING UNITS AS NECESSARY. POSSIBLE SUBCONTRACTOR: THOMPSON GLASS 810-225-8780



1 DONOR LOUNGE DEMOLITION PLAN

B-A1.6 1/8"=1'-0" 0 8'-0"



3 DONOR LOUNGE

B-A1.6 1/4"=1'-0" 0 4'-0"

NOT FOR CONSTRUCTION

TAG	ISSUED	DATE
	BID SET	4/14/2024

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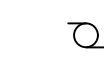
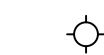





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OSBORN PROJ NO. J20240114.000

**DONOR LOUNGE
CEILING PLAN AND
ELEVATIONS**

DRAWING NO.

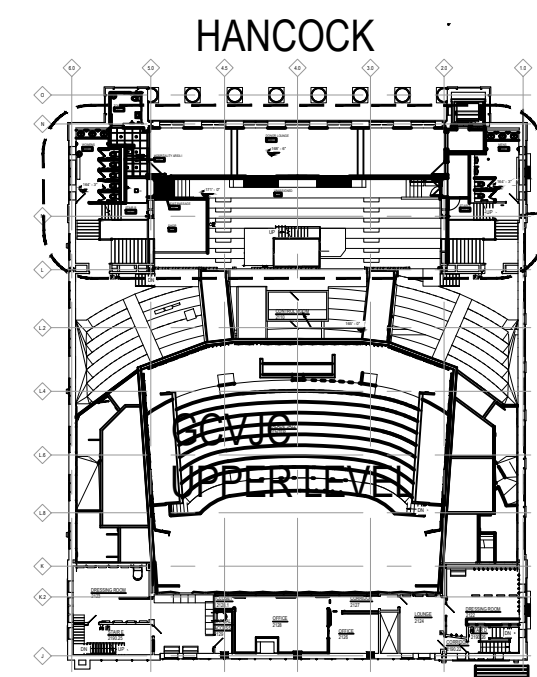
B-A1.7

SYMBOLS

-  EXHAUST FAN
-  WALL MOUNTED LIGHT FIXTURE
-  ELECTRICAL PANEL
-  EXIT SIGN
-  DOOR NO. - REFER TO SCHEDULES
-  EXISTING CONSTRUCTION
-  NEW WALL OR PARTITION

CONSTRUCTION KEYNOTES

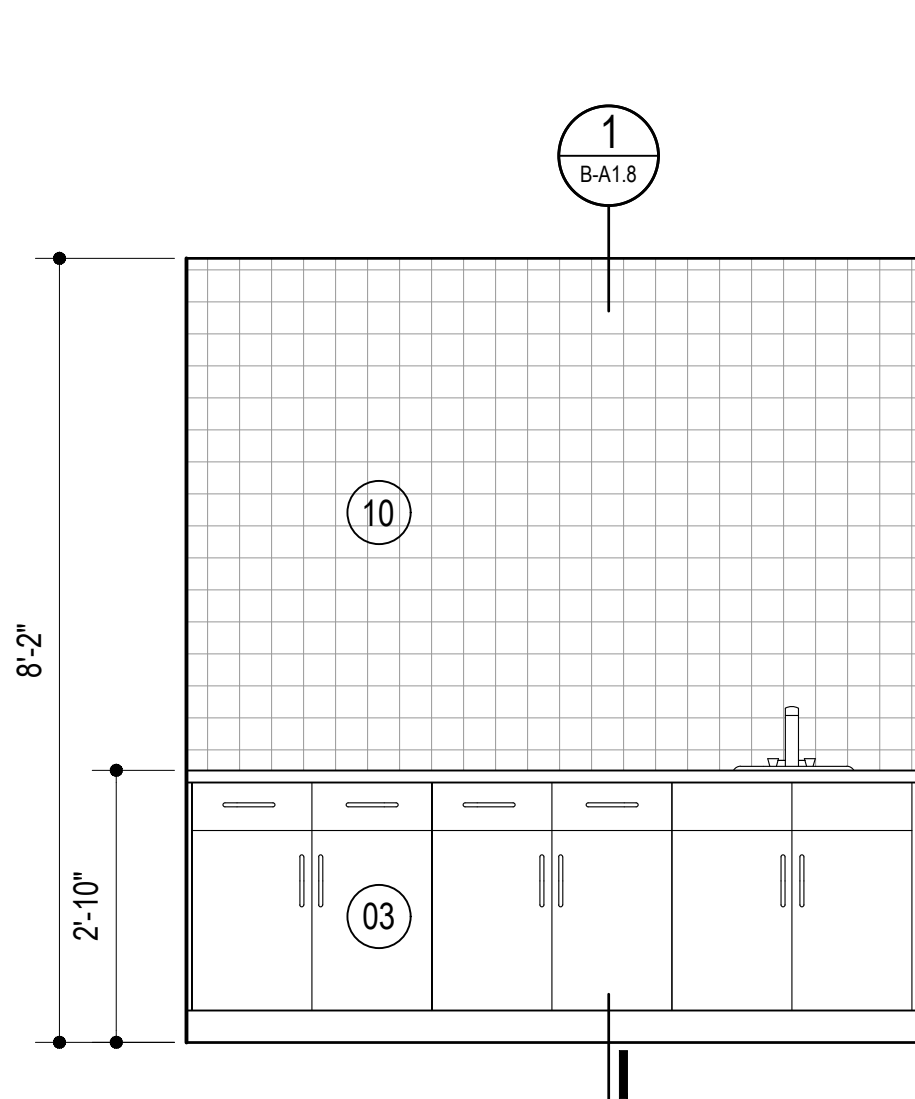
- 01 COUNTER ALCOVE
- 02 LAY-IN CEILING TO MATCH EXISTING ADJACENT CEILING
- 03 BASE CABINET AND TOP
- 04 WALL MOUNTED SHELF AND HANGER ROD
- 05 HM DOOR AND FRAME- SEE SCHEDULE
- 06 OUTLINE OF STADIA BEYOND
- 07 EXISTING VIDEO MONITOR LOCATION
- 08 EXISTING PLASTER ON STRUCTURAL CLAY TILE
- 09 P LAM COUNTERTOP
- 10 CERAMIC TILE
- 11 5/8" GYP BD PAINTED
- 12 WALL MOUNTED HANGER ROD
- 13 1X6 FINISH BLOCKING STANDOFF PAINTED- SEE DETAIL 5/B-A1.8 EXISTING TRIM AND CONDUIT- VIF
- 14 EXISTING STEEL COLUMNS ENTRAINED IN STRUCTURAL CLAY TILE WALL- LOCATIONS TBD. VERIFY LOCATIONS IN FIELD AND REVIEW WITH OWNER REPRESENTATIVE. ADJUST COUNTER ALCOVE LOCATIONS AND WIDTH AS NEEDED PER OWNER REPRESENTATIVE INSTRUCTIONS.
- 15 EXTEND SPRINKLER SYSTEM FOR NEW HEAD LOCATION



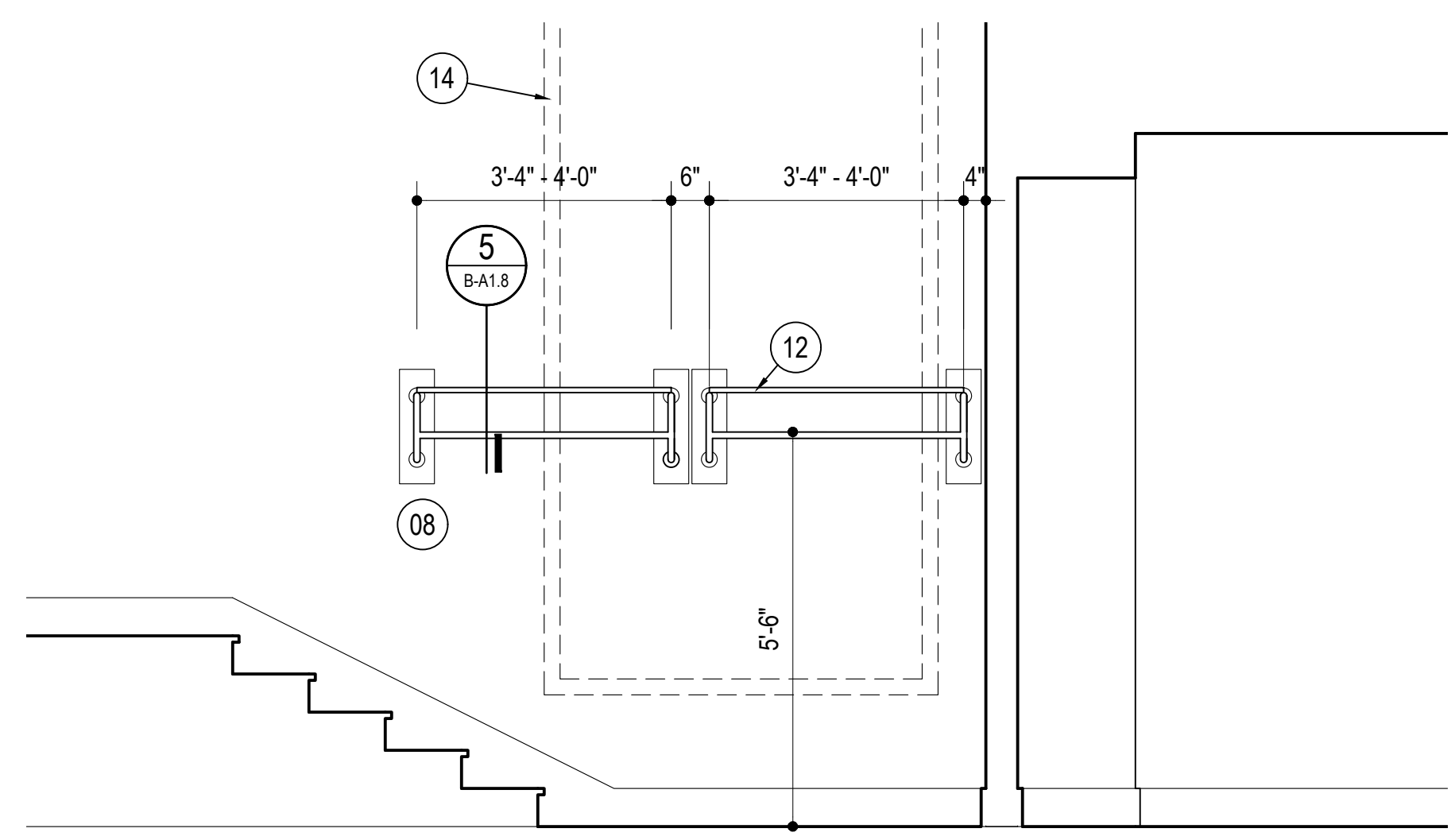
KEY PLAN

GENERAL NOTES

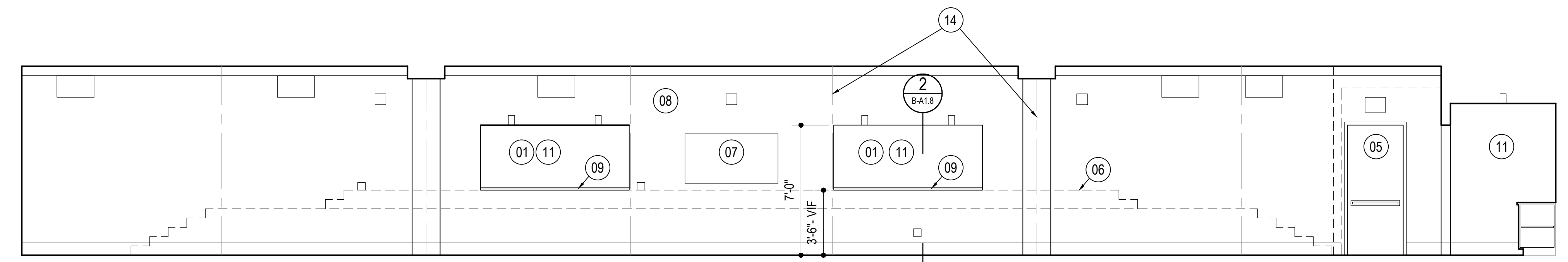
1. PAINT ALL WALL SURFACES AFFECTED BY WORK. PAINT ENTIRE WALL SURFACE FROM INSIDE CORNER TO INSIDE CORNER.



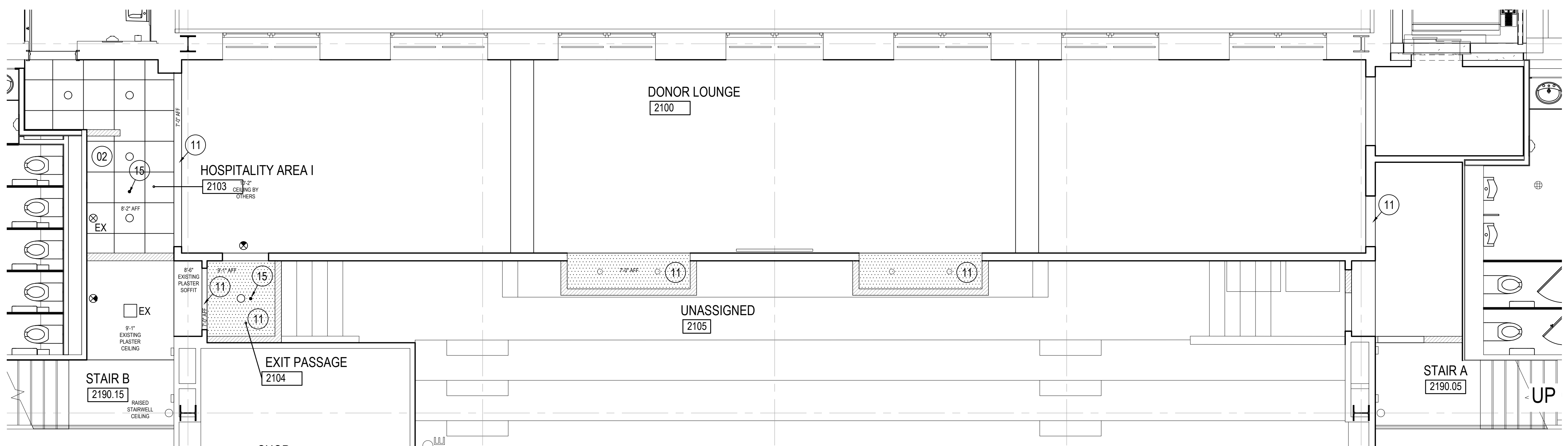
3 INTERIOR ELEVATION- WEST
B-A1.7 1/2"=1'-0" 0 2'-0"



3 INTERIOR ELEVATION- NORTH
B-A1.7 1/2"=1'-0" 0 2'-0"



2 INTERIOR ELEVATION- SOUTH
B-A1.7 1/2"=1'-0" 0 2'-0"



1 REFLECTED CEILING PLAN - DONOR LOUNGE WEST END
B-A1.7 1/4"=1'-0" 0 4'-0"

NOT FOR CONSTRUCTION

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1 2 3 4 5 6



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GRETCHEN C. VALADE JAZZ CENTER - PHASE IV
WAYNE STATE UNIVERSITY

4743 Cass Ave
 Detroit, MI 48202

TAG	ISSUED	DATE
A	BID SET	04/16/2024

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ENLARGED PLUMBING PLANS

DRAWING NO.
B-MP1.1

PLUMBING EQUIPMENT SCHEDULE									
MARK	DESCRIPTION	MFR.	MODEL	CW	HW	TRAP	DRAIN	VENT	NOTES
WC-1	WATER CLOSET	AMERICAN STANDARD	3690001.020	1"	-	INTEGRAL	3"	2"	FLOOR MOUNTED, REAR OUTLET, 1-1/2' TOP SPUD, 1.28 GPF, VITREOUS CHINA, COMPLETE WITH WHITE OPEN FRONT SEAT AND ELECTRONIC BATTERY POWERED FLUSH VALVE
LAV-1	LAVATORY	AMERICAN STANDARD	355.03400000	1/2"	1/2"	1 1/2"	2"	1 1/2"	20"x1" WALL MOUNTED TYPE, 3-HOLE ON 4" CENTERS WITH 0.5GPM ELECTRONIC BATTERY POWERED FAUCET, THERMOSTATIC MIXING VALVE & GRID STRAINER. FAUCET TO BE INNSBROOK 6055 205
SK-1	SINK	ELKAY	LRAD2219	1/2"	1/2"	1 1/2"	2"	1 1/2"	18 GAUGE TYPE 304 STAINLESS STEEL TOP MOUNT SINGLE BOWL SINK, 22"x19-1/2"x6-1/2" DEEP WITH 3-HOLE ON 4" CENTERCONFIGURATION AND DRAIN SYSTEM. CHROME GOOSE NECK FAUCET WITH 4" WRISTBLADE HANDLES, 8" REACH, 1.5 GPM AERATOR, TOBE MOEN MODEL 8799.

ELECTRIC UNIT HEATER SCHEDULE										
TAG		MFR	MODEL	LOCATION	CAPACITY KW	AIRFLOW CFM	FLA	MOC	V/PH	NOTES
TYPE	MARK									
CUH	1	QMARK	CP318F	DONOR LONGE	3	-	15	20	208/1	1, 2, 3

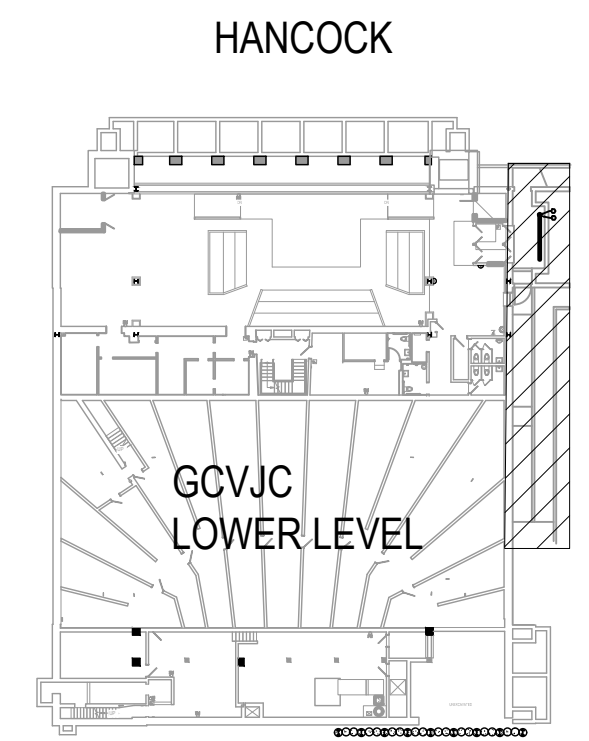
NOTES:

- PROVIDE WITH APPROPRIATE TRIM KIT FOR LAY-IN CEILING INSTALLATION.
- INTERLOCK ALL RADIANT HEATERS TO SINGLE THERMOSTAT.

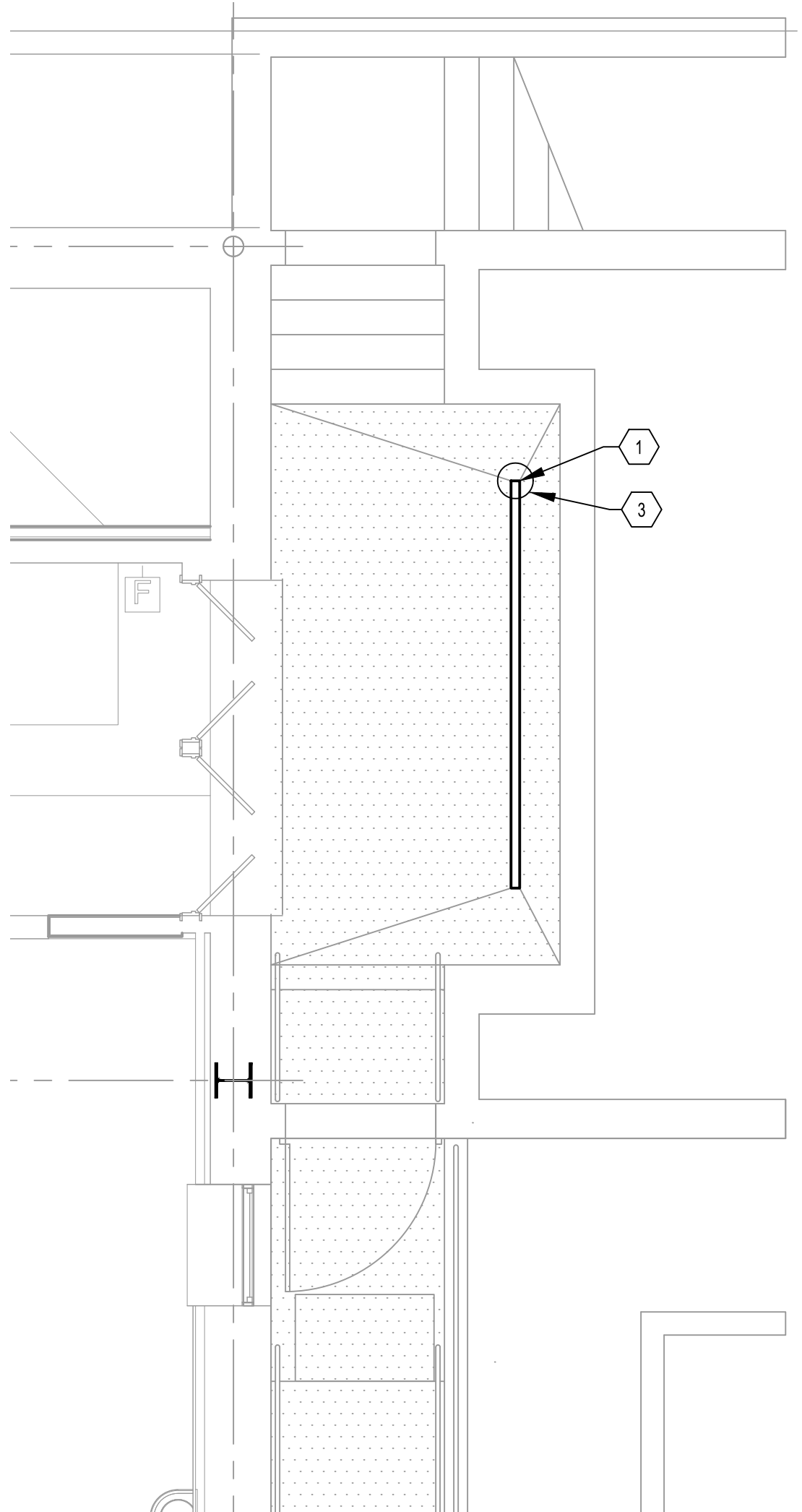
PLUMBING EQUIPMENT SCHEDULE				
MARK	COMPONENT	MFR.	MODEL	DESCRIPTION
TD-1	TRENCH DRAIN	ACO	K100S	4" WIDE X 9'-7" LONG POLYMER CONCRETE TRENCH DRAIN WITH INTEGRAL STAINLESS STEEL WEARING RAIL, HEEL GUARD SS GRATE.

KEYNOTES:

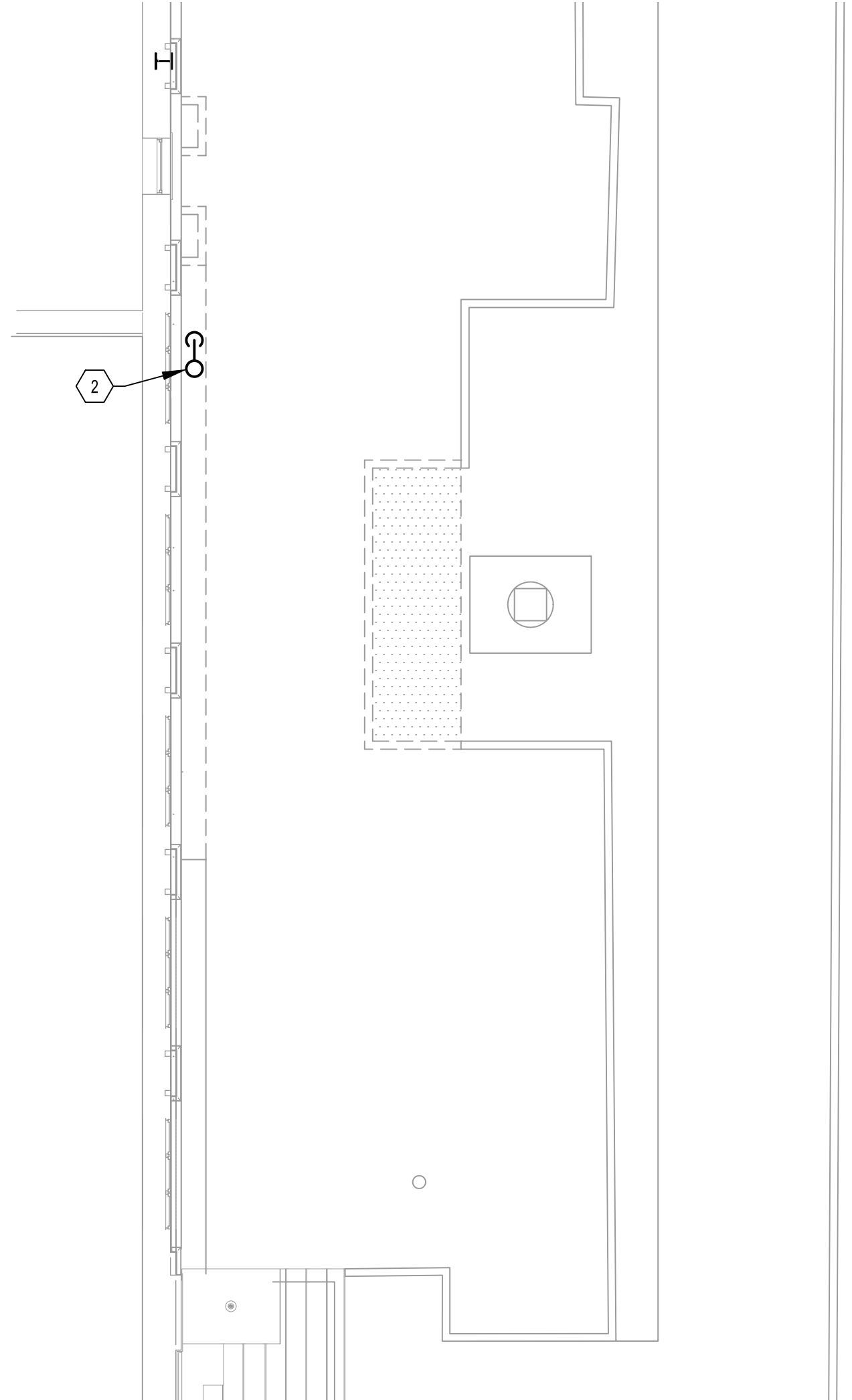
- EXISTING TRENCH DRAIN TO BE DEMOLISHED TO ACCOMMODATE NEW SLAB.
- SANITARY VENT GOOSENECK SHALL BE RELOCATED AS CLOSE AS POSSIBLE TO WALL. CONTRACTOR SHALL ROTATE GOOSENECK AS REQUIRED TO NOT IMPEDE INSTALLATION OF RAMP.
- EXISTING SUMP AND PUMP TO REMAIN. NEW TRENCH DRAIN SHALL DISCHARGE TO EXISTING SUMP.



KEY PLAN



3 LOWER LEVEL PLAN
 1/4" = 1'-0"



1 DEMOLITION PLAN
 1/8" = 1'-0"

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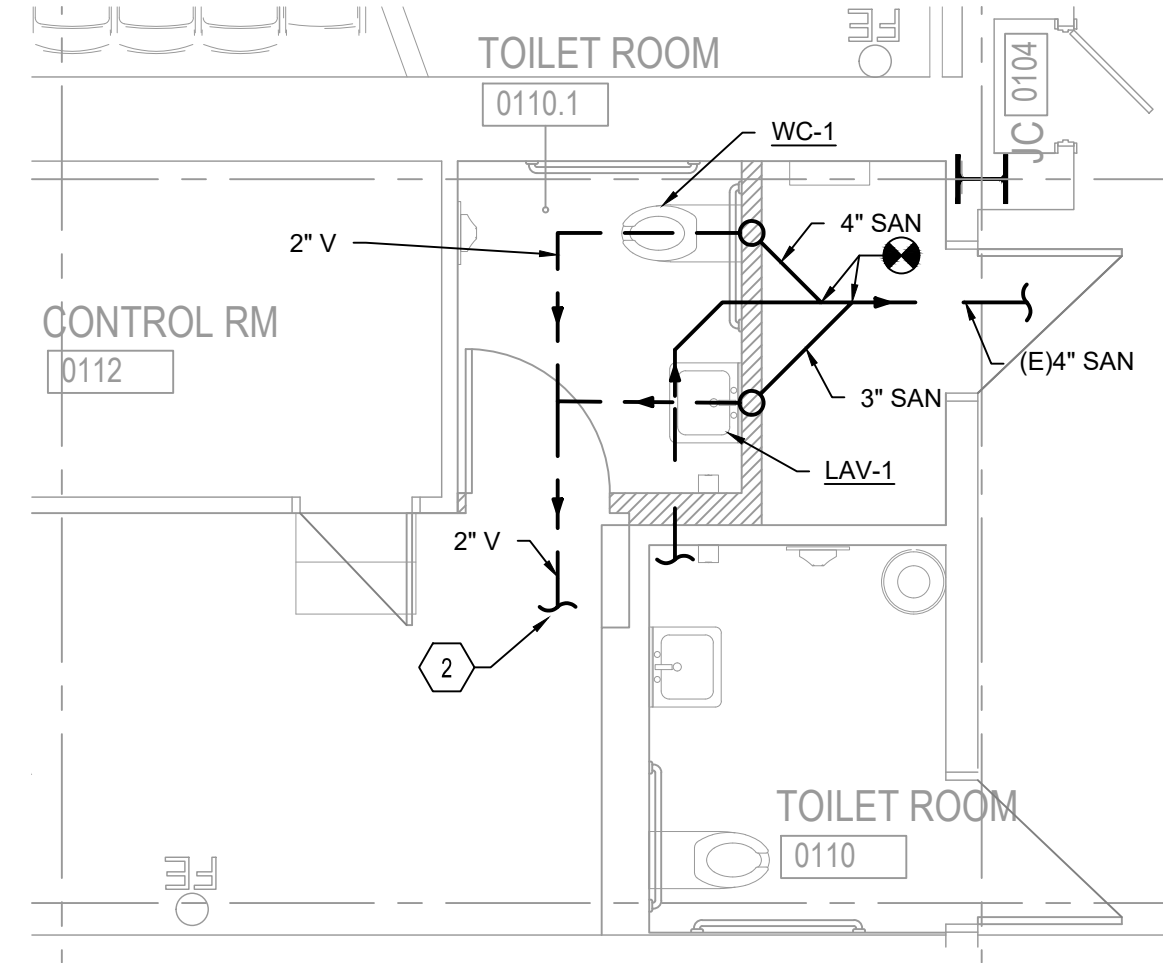
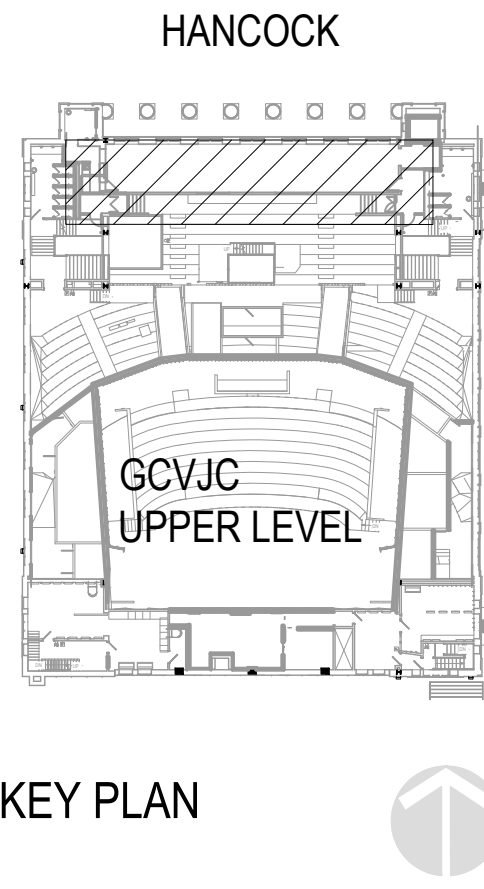
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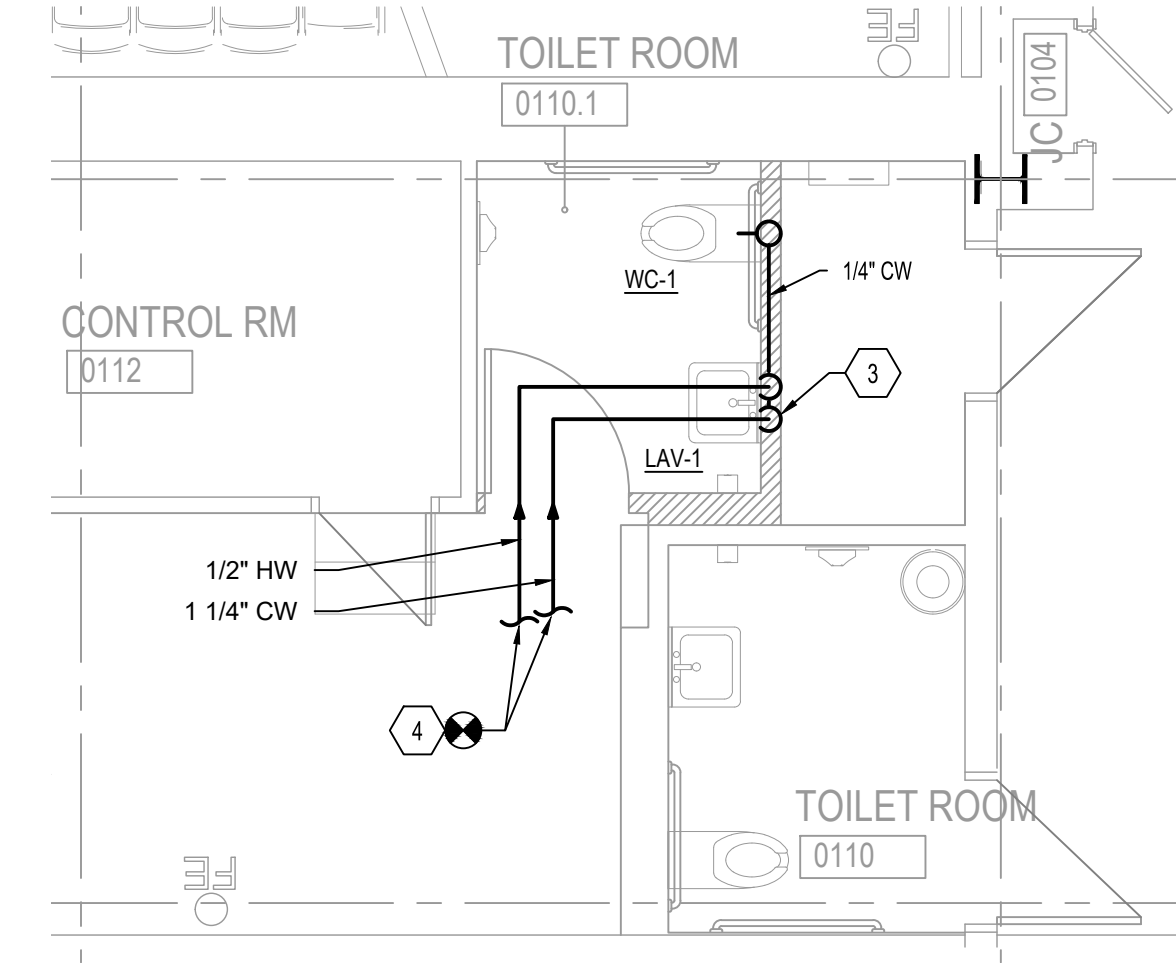
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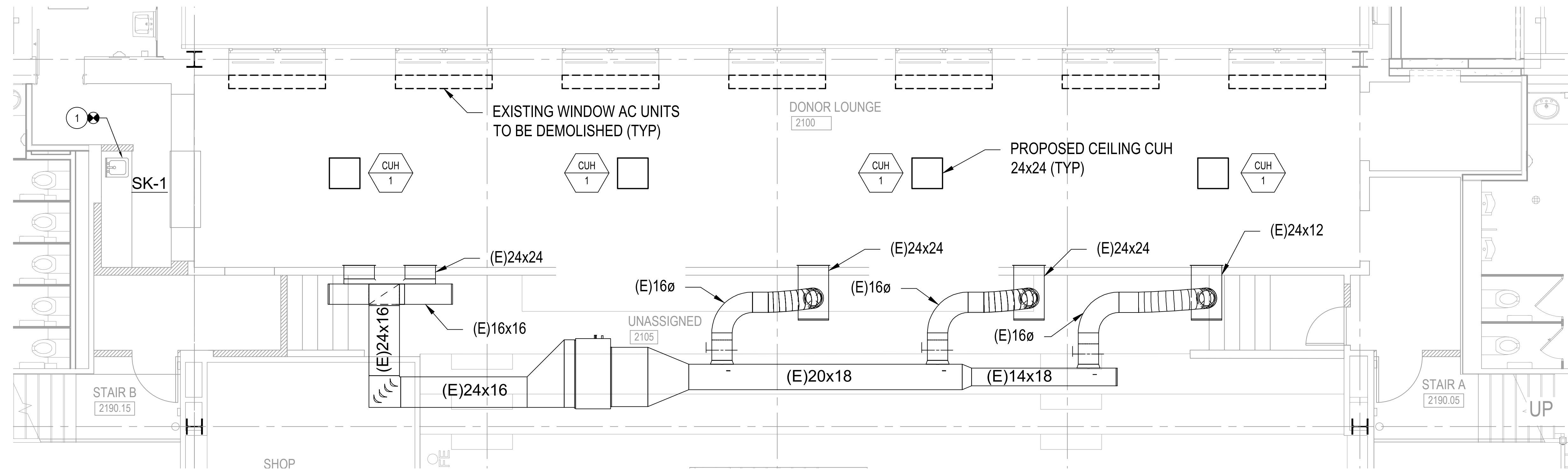
1 SANITARY AND VENT TOILET ROOM PLAN
1/4" = 1'-0"



2 DOMESTIC WATER TOILET ROOM PLAN
1/4" = 1'-0"

- KEYNOTES:**
1. RELOCATE EXISTING HW, CW TO NEW SINK LOCATION. PROVIDE NEW VALVES. ROUTE NEW SAN AND VENT PIPING TO CLOSEST SAN AND VENT RISERS. CONTRACTOR TO FIELD VERIFY LOCATION PRIOR TO INSTALLATION.
 2. 2" VENT PIPING SHALL BE ROUTED TO EXISTING VENT MAIN. CONTRACTOR TO FIELD VERIFY MAIN LOCATION.
 3. 1-1/4" CW AND 1/2" HW DOWN IN WALL. 1/2" CW AND HW ROUTED TO LAV-1. 1-1/4" CW ROUTED IN WALL TO WC-1. ISOLATION VALVE TO BE INSTALLED ON 1 1/4" CW AND 1/2" HW MAINS PRIOR TO BRANCHING TO FIXTURES. ARCHITECT SHALL PROVIDE ACCESS PANEL.
 4. CONTRACTOR TO ROUTE 1-1/4" CW AND 1/2" HW PIPING TO NEAREST MAINS LOCATED IN CORRIDOR. CONTRACTOR TO FIELD VERIFY EXACT TIE IN LOCATION.

- GENERAL NOTES:**
1. FOR ALL RESTROOM FIXTURES, REFER TO THE ARCHITECTURAL PLANS FOR BASIS OF DESIGN.



1 DONOR LOUNGE - MECHANICAL PLAN



GRETCHEN C. VALADE JAZZ CENTER - PHASE IV
WAYNE STATE UNIVERSITY

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ENLARGED MECHANICAL PLANS

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B-MP1.2

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