

Red Oak Community School District

604 S Broadway

Red Oak, Iowa 51566

712.623.6600

www.redoakschooldistrict.com

Regular Board of Directors Meeting

Meeting Location: Red Oak Jr./Sr. Virtual Learning Center OR
VIA Internet and Phone – visit website for information

GoToMeeting Link:

<https://meet.goto.com/110848517>

Wednesday, September 17, 2025 – 5:30 p.m.

Agenda

- 1.0 Call to Order – Board of Directors President Bret Blackman
- 2.0 Roll Call – Board of Directors Secretary Heidi Harris
- 3.0 Approval of the Agenda – President Bret Blackman
- 4.0 Communications
 - 4.1 Public Comment

The board invited members of the public to offer comments about items of interest or concern relating to the district. Public comments are limited to two (2) minutes. The Board will not respond to comments at this time, but may consider public input when the topic is raised on the agenda. Due to open meeting laws, the Board cannot discuss items not already on the agenda.
 - 4.2 Good News from Red Oak Schools
 - 4.3 Visitors and Presentations
- 5.0 Consent Agenda
 - 5.1 Review and Approval of Minutes from August 20, 2025 Board Meetings.
 - 5.2 Review and Approval of Monthly Business Reports
 - 5.3 Personnel Considerations
 - 5.3.1 Hiring of Maxon Thrasher as Paraprofessional at Inman Elementary for the 2025-2026 School Year
 - 5.3.2 Hiring of Megan McMann as Paraprofessional at Inman Elementary for the 2025-2026 School Year
 - 5.3.3 Hiring of Beverly Karns as Paraprofessional at Inman Elementary for the 2025-2026 School Year
 - 5.3.4 Resignation of Jeri Croxell as Paraprofessional at Inman Elementary, Effective Immediately
 - 5.3.5 Resignation of Justin Williams as Head Softball Coach at Red Oak Jr-Sr High Effective Immediately
 - 5.4 Open Enrollment Requests to Iowa Virtual School

- 5.4.1 Denial of Open Enrollment for 9th grader from Waterloo Community School District to Iowa Virtual School due to a lack of appropriate programming or supports
 - 5.5 Service Agreements
 - 5.5.1 Agreement with Chemsearch to Provide Professional Water Treatment Program For District Boilers (\$6,373.96)
 - 5.5.2 Letter of Agreement with Nolte, Cornman & Johnson P.C. to Conduct FY 2024-2025 Independent Audit
- 6.0 General Business for the Board of Directors
 - 6.1 Old Business
 - 6.2 New Business
 - 6.2.1 Discussion/Approval of First Reading of Board Policies 401-402
 - 6.2.2 Discussion/Approval of First Reading of Board Policy 403.3
 - 6.2.3 Discussion/Approval of Purchasing a UTV with a Snowblade (\$24,850.00)
 - 6.2.4 Discussion/Approval of District's 2025-2026 Talented and Gifted Plan
 - 6.2.5 Discussion/Approval of School Improvement Advisory Committee (SIAC) Members for the 2025-2026 School Year
 - 6.2.6 Discussion/Approval of Construction Documents for Inman Renovation Project, Including HVAC Bid Alternate
 - 6.2.7 Discussion/Approval of SBRC Request for Modified Supplemental Amount for Negative Special Education Balance of \$242,771.49
 - 6.2.8 Discussion on Relocating PK to Inman Elementary and 6th Grade to the Jr.-Sr. High School to Improve Operational Efficiency
- 7.0 Reports
 - 7.1 Administrative
 - 7.2 Future Conferences, Workshops, Seminars
 - 7.3 Other Announcements
 - 7.4 Board Member Requested Item(s) for Next Meeting Agenda
- 8.0 Next Board of Directors Meeting:
 - Wednesday, October 15, 2025 – 5:30 pm
 - Red Oak Virtual Learning Center
 - Red Oak Jr/Sr High
- 9.0 Adjournment

Red Oak Community School District
Meeting of the Board of Directors
Meeting Location: Virtual Classroom/ Phone/Internet
Red Oak Junior Senior High School Campus
August 20, 2025

The regular meeting of the Board of Directors of the Red Oak Community School District was called to order by President Bret Blackman at 5:30 p.m. at the Red Oak Junior Senior High School Virtual Classroom.

Present

Directors: Bret Blackman, Kathy Walker, Bryce Johnson, Scott Bruce, Pastor Ricky Rohrig (remote, arrived 5:56 p.m.)

Superintendent Ron Lorenz, Board Secretary/Business Manager, Heidi Harris, Leanne Fluckey, Curriculum Coordinator

Approval of Agenda

Motion by Director Walker, second by Director Johnson to approve the agenda with the order of agenda items at the discretion of the meeting chair. Motion carried unanimously.

Public Comment

Daric O'Neal thanked Superintendent Lorenz and the Board of Directors for the public forum held on Sunday regarding the invitation to join the Western Iowa Conference and the information that was presented.

Public Hearing to Transfer Unexpended Teacher Leadership Supplement Funds to the District Flexibility Account

President Blackman opened the public hearing at 5:35 p.m. to transfer unexpended teacher leadership supplement funds to the District Flexibility Account. There were no public comments. President Blackman closed the public hearing at 5:36 p.m.

Public Hearing to Use the District's Flexibility Account to Pay a One-Time Retention Stipend for Returning Certified Staff

President Blackman opened the public hearing at 5:36 p.m. to use the district's flexibility account to pay one-time retention stipends for returned certified staff in the amount of \$38,000. There were no public comments. President Blackman closed the public hearing at 5:37 p.m.

Good News

The Red Oak boys' cross country team is ranked #8 in class 2A in the Iowa Association of Track Coaches (IATC) preseason poll. Emmanuel Grass is #7 in the individual rankings.

Visitors and Presentations

Chandler Green from Alley Poyner Macchietto Architecture reviewed design updates, site plans, bid and construction timelines, and cost projections for the proposed Inman Elementary School renovations.

Consent Agenda

Motion by Director Johnson, second by Director Bruce to approve the consent agenda as presented including July 19, 2025, meeting minutes, monthly business reports, personnel considerations, contract renewals, service agreements, and fundraisers. Motion carried unanimously.

Board Policy 705.1

Motion by Director Johnson, second by Director Walker to approve the second reading of board policy 705.1 regarding bidding requirements and amounts. Motion carried unanimously.

2025-2026 Virtual School Handbook

Motion by Director Bruce, second by Director Walker to approve the 2025-2026 Iowa Virtual School Handbook. Motion carried unanimously.

Resolution to Transfer to District Flexibility Account

Motion by Director Walker, second by Director Johnson to approve the resolution to transfer unexpended teacher leadership supplement funds to the district's flexibility account in the amount of \$180,000. Motion carried unanimously.

Resolution Directing Expenditures

Motion by Director Walker, second by Director Rohrig to approve the resolution directing expenditures from the district's flexibility account for a one-time stipend to all returning certified staff in the amount of \$38,000. Motion carried unanimously.

Invitation to Western Iowa Conference

Motion by Director Johnson, second by Director Rohrig to approve the acceptance of the invitation to join the Western Iowa Conference no later than the 2027-2028 school year. Motion carried unanimously.

Adjournment

Motion by Director Rohrig, second by Director Johnson to adjourn the regular meeting at 6:42 p.m. Motion carried unanimously.

Next Board of Directors Meeting

Wednesday, September 17, 2025 – 5:30 p.m.
Virtual Classroom/Phone/Internet
Red Oak Junior Senior High School Campus

Bret Blackman, President

Heidi Harris, Board Secretary

August 2025 Reconciliation Report

RED OAK COMMUNITY SCHOOLS 2024	GENERAL FUND (10)	MANAGEMENT (22)	PHYSICAL PLANT AND EQUIPMENT LEVY (36)	DEBT SERVICE (40)	SAVE TAXES/REV BONDS (33)
Beg. Balance 8-01-2025	\$4,301,479.18	(\$18,172.11)	\$3,536,838.25	\$369,527.82	\$3,850,693.37
Revenue	\$425,769.65	\$343.65	\$13,943.77	\$74,080.28	\$102,511.79
Expenditure	\$941,822.20	\$	\$4,653.36	\$500.00	\$110,125.66
Balance 8-30-2025	\$3,785,426.63	(\$17,828.46)	\$3,546,128.66	\$443,108.10	\$3,843,079.50

Balance 8-30-2025	\$3,478,378.43	\$573,915.62	\$3,006,772.81	\$399,436.40	\$3,421,731.59
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Checking Account .33%

Checking Account	\$3,683,578.91
Bank Iowa	\$2,692,618.79
ISJIT	\$5,311,338.67
Petty Cash	\$100.00
Outstanding Checks	\$87,721.94
	<u>\$11,599,914.43</u>

ACTIVITY FUND

Beg. Balance 7-01-2025
Revenue
Expenditure
Balance 7-31-2025

\$51,713.21
\$17,879.28
\$15,934.71
<u>\$53,657.78</u>

NUTRITION FUND

\$850,912.25
\$113,741.14
\$81,801.35
<u>\$882,852.04</u>

Balance 7-31-2024	\$74,044.96	\$749,679.49
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Checking Account .33%
Petty Cash Boxes
Outstanding cks

\$53,657.78
\$200.00
\$2,726.36
<u>\$51,131.42</u>

\$882,852.04
\$18.10
<u>\$882,833.94</u>

Capital Projects Fund

	2022-2023	2023-2024	2024-2025	2025-2026
Beg Balance (July 1)	\$2,264,484	\$2,815,738	\$ 3,299,759	\$ 3,770,421
Add: Revenue				
1c Sales Tax	\$1,447,127	\$1,341,320	\$ 1,290,656.06	\$ 242,788.85
Interest	\$14,279	\$31,323	\$ 178,285.79	\$ 13,647.33
Subtotal	\$3,725,890	\$4,188,381	\$4,768,700	\$4,026,857
LESS: Expenditures				
Revenue Bond Payment	\$73,612	\$73,803	\$ 73,955.67	\$ 73,652.00
FY22 Expense Paid in FY23	\$3,500	\$173	\$ 73,955.67	\$ 36,170.00
Revenue Bond Payment	\$73,612	\$73,803	\$ 73,955.67	\$ 73,955.66
Revenue Bond Payment	\$73,612	\$73,803	\$ 73,955.67	
Revenue Bond Payment	\$73,612	\$2,983	\$ 73,955.67	
Alley Poyner-Bldg Master	\$73,612	\$73,803	\$ 73,955.67	
Alley Poyner-Bldg Master	\$9,717	\$73,803	\$ 73,955.67	
Alley Poyner-Bldg Master	\$6,000	\$73,803	\$ 73,955.67	
Revenue Bond Payment	\$73,612	\$73,803	\$ 14,715.00	
Alley Poyner-Bldg Master	\$7,596	\$73,803	\$ 36,530.00	
Revenue Bond Payment	\$73,612	\$73,803	\$ 73,955.66	
Revenue Bond Payment	\$73,612	\$73,803	\$ 7,657.70	
Revenue Bond Payment	\$73,612	\$73,803	\$ 73,955.66	
Revenue Bond Payment	\$73,612	\$73,803	\$ 73,955.66	
Revenue Bond Payment	\$73,612	\$73,803	\$ 73,955.66	
Revenue Bond Payment	\$73,612		\$ 8,200.50	
Subtotal	\$910,152	\$888,796	\$954,571	\$183,778
Fund Balance	\$2,815,738	\$3,299,585	\$3,814,129	\$3,843,080

PHYSICAL PLANT AND EQUIPMENT LEVY

Beginning Balance (July 1)		2022-2023		2023 - 2024		Beginning Balance (July 1)		2024-2025		Beginning Balance (July 1)		2025-2026	
		\$ 3,193,485.61		\$ 3,209,437.61				\$ 3,169,579.95				\$ 3,765,121.21	
Add: Revenue		\$ 174,097.05		\$ 599,750.69		Add: Revenue		\$ 668,751.44		Add: Revenue			
Property Taxes		\$ 420,024.91				Property Taxes				Property Taxes			
Voted PP&L		\$ 45,787.95				Voted PP&L		\$ 60,487.46		Voted PP&L			
Utility Replacement Tax		\$ 3,776.43				Utility Replacement Tax		\$ 16,764.93		Utility Replacement Tax			
Utility Replacement Tax (SAVE)		\$ 13,371.56				Utility Replacement Tax (SAVE)				Utility Replacement Tax (SAVE)			
Mobile Home Tax		\$ 88.96				Mobile Home Tax		\$ 145.75		Mobile Home Tax			
Voted PP&L Mobile Home		\$ 87.06				Voted PP&L Mobile Home		\$ 14.45		Voted PP&L Mobile Home			
Military Credit		\$ 27.29				Military Credit				Military Credit			
Military Credit (SAVE)		\$ 98.69				Military Credit (SAVE)				Military Credit (SAVE)			
Commercial Industrial tax						Commercial Industrial tax				Commercial Industrial tax			
Commercial Ind. Voted PP&L						Commercial Ind. Voted PP&L				Commercial Ind. Voted PP&L			
Interest		\$ 17,061.65				Interest		\$ 8,314.30		Interest			
								\$ 200,012.90					
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Vendor Name	Invoice Number	Amount	
Account Number	Detail Description		Amount
Checking Account ID 1	Fund Number 10	OPERATING FUND	
ACER SERVICE CORPORATION	bpu575727B	19.89	
10 9010 2235 000 0000 618	Freight Charge		19.89
Vendor Name ACER SERVICE CORPORATION			19.89
AGRIVISION	1001823414	2.37	
10 9010 2640 000 0000 618	mower parts		2.37
AGRIVISION	20250825	2.37	
10 9010 2630 000 0000 618	mower parts		2.37
Vendor Name AGRIVISION			4.74
AHLERS & COONEY	897489	25.50	
10 9010 2310 000 0000 342	August Prof Services		25.50
Vendor Name AHLERS & COONEY			25.50
AMAZON CAPITAL SERVICES, INC.	117N-YTDJ-3RKG	39.33	
10 9010 2310 000 0000 611	Memory Cards for Board Meetings		39.33
AMAZON CAPITAL SERVICES, INC.	1cw9-m1hv-y4kt	28.99	
10 0418 1200 217 3303 612	SPED - Potty Seat		28.99
AMAZON CAPITAL SERVICES, INC.	1D4K-NTLY-363M	14.99	
10 0418 1000 100 8001 612	PTO - SUPPLIES		14.99
AMAZON CAPITAL SERVICES, INC.	1fn1-wttt-g9hm	31.98	
10 9010 2700 000 0000 618	T-Amazon1 invoice 2		31.98
AMAZON CAPITAL SERVICES, INC.	1NK1-7VMN-4RLD	169.99	
10 0109 2410 000 0000 611	office walkie talkie		169.99
AMAZON CAPITAL SERVICES, INC.	1NXP-JYWM-1TT7	87.24	
10 0109 2410 000 0000 611	atomic analog clocks		87.24
AMAZON CAPITAL SERVICES, INC.	1QHY-JPCL-HQ71	83.56	
10 0418 2620 000 0000 618	fire alarm batteries		83.56
AMAZON CAPITAL SERVICES, INC.	1RPM-FLKV-P9R4	21.50	
10 0109 2620 000 0000 618	cooling tower part		21.50
AMAZON CAPITAL SERVICES, INC.	1WHV-LGJF-1XYV	54.95	
10 0109 2620 000 0000 618	scoreboard cable ff field		54.95
AMAZON CAPITAL SERVICES, INC.	1WJX-6XJV-16WJ	21.99	
10 0418 1200 217 3303 612	SPED - Door Lock for rooms		21.99
AMAZON CAPITAL SERVICES, INC.	1YHT-TMQY-3Y1R	384.73	
10 0418 2620 000 0000 618	light timer		84.73
10 0109 2620 000 0000 618	mop basin		300.00
AMAZON CAPITAL SERVICES, INC.	2 invoices	297.28	
10 0418 1000 100 8001 612	PTO Supplies 1ryk-coqx-jwfq/lvxm-gpr1-7y		297.28
AMAZON CAPITAL SERVICES, INC.	20250905	54.95	
10 0418 2670 000 0000 618	fire alarm batteries		54.95
Vendor Name AMAZON CAPITAL SERVICES, INC.			1,291.48
AMERICAN FIRE PROTECTION	17151	3,814.00	

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
10 9010 2670 000 0000 490	Annual Fire Extinguisher Inspections	3,814.00
Vendor Name	AMERICAN FIRE PROTECTION	3,814.00
ATS FACILITY SERVICES, LLC	3290	34,406.25
10 9010 2630 000 0000 340	September Janitorial	34,406.25
Vendor Name	ATS FACILITY SERVICES, LLC	34,406.25
BATTEN SANITATION SERVICE	TrashAugust2 025	6,140.00
10 9010 2630 000 0000 421	Admin/BBF/BBF Trash Services	165.00
10 0109 2630 000 0000 421	HS Trash Services	1,980.00
10 0418 2630 000 0000 421	IES Trash Services	1,980.00
10 0445 2630 000 0000 421	ROECC Trash Services	2,015.00
Vendor Name	BATTEN SANITATION SERVICE	6,140.00
CAPITAL SANITARY SUPPLY CO.	Multi-Invoices	2,929.21
10 9010 2620 000 0000 618	Soap & Toilette Paper	812.61
10 9010 2620 000 0000 618	Foaming Soap	75.26
10 9010 2620 000 0000 618	Cleaning Supplies	564.45
10 9010 2620 000 0000 618	Trash Bags, Toilette Paper, Urinal Scree	1,476.89
CAPITAL SANITARY SUPPLY CO.	0091109	927.87
10 9010 2620 000 0000 618	Janitorial Supplies	927.87
Vendor Name	CAPITAL SANITARY SUPPLY CO.	3,857.08
CASS HEALTH	Heartsaver20 25	80.00
10 0445 1000 100 0000 320	CPR Classes	80.00
Vendor Name	CASS HEALTH	80.00
CDW GOVERNMENT, INC.	20250825	1,130.00
10 9010 2235 000 0000 358	Gopher for Chrome	1,130.00
CDW GOVERNMENT, INC.	AF5MF9L	2,177.50
10 9010 2235 000 0000 358	Microsoft Office 365 and Server Licensur	2,177.50
Vendor Name	CDW GOVERNMENT, INC.	3,307.50
CHEMSEARCH	9299057	531.16
10 0418 2640 000 0000 433	IES Water Treatment	531.16
CHEMSEARCH	9303569	531.93
10 0109 2640 000 0000 433	HS Boiler	531.93
Vendor Name	CHEMSEARCH	1,063.09
CITY OF RED OAK	WaterAugust2 025	842.33
10 0109 2620 000 0000 411	HS Water	610.74
10 0418 2620 000 0000 411	IES Water	119.86
10 0445 2620 000 0000 411	ROECC Water	69.10
10 9010 2620 000 0000 411	Admin/BusBarn/BB/BBF Water	42.63
Vendor Name	CITY OF RED OAK	842.33
COCA-COLA BTLG OF OMAHA	11846089	190.80
10 0418 3200 000 8901 618	Coca Cola Order	190.80

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
Vendor Name	COCA-COLA BTLG OF OMAHA	190.80
COURT OF HONOR	20250825	45.00
10 9010 2620 000 0000 618	flag	45.00
Vendor Name	COURT OF HONOR	45.00
CREXENDO BUSINESS SOLUTIONS, INC	278414	1,444.41
10 9010 2510 000 0000 532	Internet Phone	1,444.41
Vendor Name	CREXENDO BUSINESS SOLUTIONS, INC	1,444.41
CUMMINS SALES AND SERVICE	J3-250873943	891.89
10 0109 2620 000 0000 432	HS Scheduled Maintenance	891.89
CUMMINS SALES AND SERVICE	J3-250873975	574.78
10 0418 2620 000 0000 432	IES Scheduled Maintenance	574.78
Vendor Name	CUMMINS SALES AND SERVICE	1,466.67
DHS CASHIER 1ST FLOOR	MedicaidFY23	5,337.42
10 9010 4634 219 4634	SERVICES	5,337.42
Vendor Name	DHS CASHIER 1ST FLOOR	5,337.42
DICKEL DUIT OUTDOOR POWER, INC.	77304	188.65
10 9010 2620 000 0000 432	belts and blades	188.65
Vendor Name	DICKEL DUIT OUTDOOR POWER, INC.	188.65
DOORS INC.	365248	4,349.00
10 0109 2620 000 0000 432	Door Repair	4,349.00
DOORS INC.	365483	192.88
10 0418 2620 000 0000 618	keys and cylinder	100.00
10 0109 2620 000 0000 618	keys	92.88
Vendor Name	DOORS INC.	4,541.88
ENGINEERED CONTROLS	181794	140.00
10 0418 2620 000 0000 432	VFD Troubleshoot for boiler	140.00
Vendor Name	ENGINEERED CONTROLS	140.00
FAIRPLAY CORPORATION	1208420	144.62
10 0109 2620 000 0000 618	football play clock power supply	144.62
Vendor Name	FAIRPLAY CORPORATION	144.62
FAREWAY FOOD STORES	20250825	63.25
10 9010 2321 000 0000 618	Fareway	63.25
FAREWAY FOOD STORES	20250915	50.00
10 0109 1000 100 0000 612	Lab Supplies	50.00
FAREWAY FOOD STORES	20250915-0001	25.00
10 0109 1000 100 0000 612	Ag Commodity Lab Supplies	25.00
FAREWAY FOOD STORES	20250915-0002	195.39
10 0109 1300 340 0000 612	facs-groceries	195.39
Vendor Name	FAREWAY FOOD STORES	333.64
FIRST BANKCARD - HH	20250911	716.54

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
10 9010 2235 000 0000 618	DJI OSMO Pocket 3	716.54
FIRST BANKCARD - HH	20250911-0001	391.32
10 0418 1000 100 8001 612	Bracelets for Tiger Matrix	391.32
FIRST BANKCARD - HH	20250915	450.00
10 0109 2213 132 3376 320	ISCA training conference for HS counselo	300.00
10 0418 2213 132 3376 320	ISCA training conference for Elementary	150.00
FIRST BANKCARD - HH	20250915-0002	68.70
10 9010 2310 000 0000 340	Fingerprinting - 2 employees	68.70
FIRST BANKCARD - HH	20250915-0003	386.42
10 9010 2700 000 0000 618	Transportation Supplies	386.42
FIRST BANKCARD - HH	Partial Amazon	337.45
10 0418 1000 100 8001 612	PTO -Doyle (Pen holders)	337.45
Vendor Name FIRST BANKCARD - HH		2,350.43
FIRST BANKCARD - OFFICE CARD 1	310924242	79.97
10 0418 1000 100 8001 612	PTO - Teachers Pay Teachers	79.97
Vendor Name FIRST BANKCARD - OFFICE CARD 1		79.97
FIRST BANKCARD - OFFICE CARD 4	20250911	30.00
10 0109 2213 132 3376 320	Thriving Families Alliance, Trauma Infor	30.00
Vendor Name FIRST BANKCARD - OFFICE CARD 4		30.00
GATEWAY EDUCATION HOLDINGS DBA SAVVAS LEARNING CO LLC	7029164576	15,272.82
10 0109 2213 132 3376 612	SAVVAS Earth Science, Experience Chemist	15,272.82
Vendor Name GATEWAY EDUCATION HOLDINGS DBA SAVVAS LEARNING CO LLC		15,272.82
GRAINGER	9608249406	260.08
10 0109 2620 000 0000 618	water hammer arrester	260.08
GRAINGER	9613344002	562.35
10 0109 2620 000 0000 618	glycol	562.35
GRAINGER	9614542315	106.06
10 0109 2620 000 0000 618	water hammer	106.06
GRAINGER	963239158	170.22
10 0109 2620 000 0000 618	shower valve	170.22
Vendor Name GRAINGER		1,098.71
GREEN HILLS AEA	5738	30,792.00
10 9010 6100 000 3214 961	AEA SEPT SPED FUNDS	30,792.00
Vendor Name GREEN HILLS AEA		30,792.00
HY VEE FOOD STORES	20250826	65.16
10 0418 1200 217 3303 612	SPED snacks	65.16
Vendor Name HY VEE FOOD STORES		65.16
IOWA PUPIL TRANSPORTATION ASSO	20250911	350.00
10 9010 2700 000 0000 340	2025 transportation Conference	350.00

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
Vendor Name	IOWA PUPIL TRANSPORTATION ASSO	350.00
JOHNSON CONTROLS FIRE PROTECTION LP	24825899	402.00
10 0109 2620 000 0000 432	HS Service Agreement	402.00
Vendor Name	JOHNSON CONTROLS FIRE PROTECTION LP	402.00
L.J. ROTH RESTORATION INC	R25-196	4,983.55
10 9010 2630 000 0000 435	Drywall Restoreation	4,983.55
Vendor Name	L.J. ROTH RESTORATION INC	4,983.55
LAKESHORE LEARNING CO.	91867045	29.99
10 0418 1000 100 8001 612	PTO - Connie Dentlinger	29.99
LAKESHORE LEARNING CO.	91976996	18.99
10 0418 1000 100 8001 612	PTO - Lamination	18.99
Vendor Name	LAKESHORE LEARNING CO.	48.98
LANCE MOST TRUCKING	1066	488.44
10 9010 2630 000 0000 435	Parking Lot Gravel	488.44
Vendor Name	LANCE MOST TRUCKING	488.44
LEADING EDGE LAMINATING	20250825	154.20
10 0109 1000 100 0000 618	lamination rolls	154.20
LEADING EDGE LAMINATING	20250826	420.60
10 0445 1200 460 3117 618	Laminations for SPED (books)	420.60
Vendor Name	LEADING EDGE LAMINATING	574.80
LESSONPIX, INC	20250825	486.00
10 0418 1200 217 3303 612	Lesson Pix subscription	194.40
10 0445 1200 217 3302 612	Lesson Pix subscription	145.80
10 0109 1200 217 3303 612	Lesson Pix subscription	145.80
Vendor Name	LESSONPIX, INC	486.00
LIEBOVICH STEEL & ALUM CO	20250915	944.22
10 0109 1300 370 0000 612	24ga 48x96 sheet galvanized.	192.64
10 0109 1300 370 0000 612	3/8 x 12' CF Round	45.32
10 0109 1300 370 0000 612	1/2 x 12' CF Hex	106.44
10 0109 1300 370 0000 612	3/4 x 12' CF Round	59.20
10 0109 1300 370 0000 612	3/8 x 8 x 20' HR Flat	236.15
10 0109 1300 370 0000 612	1/4 x 48 x 96 HR Plate	304.47
Vendor Name	LIEBOVICH STEEL & ALUM CO	944.22
LINCOLN ELECTRIC	0914129763	827.90
10 0109 1300 370 0000 612	Super Arc L-56 12# Spool	217.50
10 0109 1300 370 0000 612	1/8 x 14 Excalibur 7018	218.00
10 0109 1300 370 0000 612	1/8 x 14 Fleetweld 35	218.00
10 0109 1300 370 0000 612	1/8 x 14 Fleetweld 37	174.40
Vendor Name	LINCOLN ELECTRIC	827.90
MATHESON TRI-GAS	20250915	30.30
10 0109 1300 370 0000 612	Welding Contact Tips and Welding Helmet	30.30
Vendor Name	MATHESON TRI-GAS	30.30

Vendor Name	Invoice Number	Amount	
Account Number	Detail Description		Amount
MCNEILLY GARAGE DOOR & STEEL BLDG SRV	02401370B	3,631.40	
10 9010 2620 000 0000 618	Garage Repair		3,631.40
Vendor Name MCNEILLY GARAGE DOOR & STEEL BLDG SRV			3,631.40
MECHANICAL SALES INC.	60633	585.00	
10 0109 2620 000 0000 432	HS Level Controller Reapir		585.00
Vendor Name MECHANICAL SALES INC.			585.00
MEDIACOM	0648August2025	216.18	
10 9010 2670 000 0000 490	Internet		216.18
MEDIACOM	1339August2025	91.01	
10 9010 2670 000 0000 490	Internet		91.01
MEDIACOM	1909SEPT2025	346.90	
10 9010 2236 000 0000 536	Internet		346.90
MEDIACOM	2692August2025	1,550.00	
10 9010 2670 000 0000 490	Internet		1,550.00
Vendor Name MEDIACOM			2,204.09
MIDAMERICAN ENERGY	570118171	428.09	
10 0109 2620 000 0000 622	Fieldhouse Electric		428.09
MIDAMERICAN ENERGY	570120502	96.43	
10 9010 2620 000 0000 622	Admin Electric		96.43
MIDAMERICAN ENERGY	570123995	3,373.19	
10 0445 2620 000 0000 622	ROECC Electric		3,373.19
MIDAMERICAN ENERGY	570124238	25.26	
10 9010 2620 000 0000 622	FBF Electric		25.26
MIDAMERICAN ENERGY	570124590	9,035.95	
10 0418 2620 000 0000 622	IES Electric		9,035.95
MIDAMERICAN ENERGY	570124822	18,245.62	
10 0109 2620 000 0000 622	HS Electric		18,245.62
MIDAMERICAN ENERGY	570133164	580.26	
10 9010 2620 000 0000 622	Bus Barn Electric		580.26
MIDAMERICAN ENERGY	570138626	253.69	
10 9010 2620 000 0000 622	Sports Complex Electric		253.69
Vendor Name MIDAMERICAN ENERGY			32,038.49
MONTGOMERY CO. MEMORIAL HOSP.	14868	3,776.50	
10 9010 2134 000 1134 597	SERVICES		3,776.50
MONTGOMERY CO. MEMORIAL HOSP.	98509	270.00	
10 9010 2700 000 0000 346	Mandatory Drug Testing		270.00
Vendor Name MONTGOMERY CO. MEMORIAL HOSP.			4,046.50
NEW COOPERATIVE INC	20250915	2,176.44	
10 9010 2700 000 0000 626	Gas/Ethanol		762.70
10 9010 2700 000 0000 626	Maintenance Gas		864.33
10 9010 2700 000 0000 626	Credit		(230.00)
10 9010 2700 000 0000 627	Diesel		308.48
10 9010 2700 217 3303 626	Sped Gas		320.52
10 9010 2700 000 0000 624	Oil		8.42
10 9010 2620 000 0000 618	District Supplies		141.99
Vendor Name NEW COOPERATIVE INC			2,176.44

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
ONESOURCE THE BACKGROUND CHECK COMPANY	20250905	485.50
10 9010 2310 000 0000 340	OneSource	485.50
Vendor Name ONESOURCE THE BACKGROUND CHECK COMPANY		485.50
PIONEER PAINT	inv-264713	1,248.00
10 9010 2630 000 0000 618	athletic field paint	1,248.00
Vendor Name PIONEER PAINT		1,248.00
PLUMB SUPPLY/RIBACK SUPPLY	101213912.001	451.74
10 9010 2620 000 0000 618	water softener salt	451.74
PLUMB SUPPLY/RIBACK SUPPLY	S101112233.001	4,179.10
10 0418 2620 000 0000 618	handwashing station	4,179.10
Vendor Name PLUMB SUPPLY/RIBACK SUPPLY		4,630.84
POSITIVE PHYSICS, LLC	20250825	1,499.00
10 0109 1000 100 8017 612	Positive Physics Curriculum Access - 6 y	1,499.00
Vendor Name POSITIVE PHYSICS, LLC		1,499.00
PRECISION DIESEL INC.	20250911	276.00
10 9010 2700 000 0000 434	Bus #11 Front Steer Drum Brakes and pads	276.00
PRECISION DIESEL INC.	20250911-0001	2,996.17
10 9010 2700 000 0000 434	Bus #11 Resurfaced Manifolds, exhaust ma	2,996.17
Vendor Name PRECISION DIESEL INC.		3,272.17
QUADIENT	PostageRefill lAug2025	1,000.00
10 9010 2321 000 0000 531	Postage Refill Aug 2025	1,000.00
QUADIENT	Q1853782	531.76
10 9010 2321 000 0000 531	Postage Meter Rental June-Sept	531.76
QUADIENT	Q1973308	531.76
10 9010 2321 000 0000 531	Postage Meter Rental Sept-Dec	531.76
Vendor Name QUADIENT		2,063.52
QUILL LLC	45406325	265.05
10 0445 1200 460 3117 618	Velcro Dots for PK	265.05
QUILL LLC	45441377/45429089	94.33
10 0418 1000 100 8001 612	PTO - (Privacy folders)	88.39
10 0418 1000 100 8001 612	PTO - (calendar)	5.94
Vendor Name QUILL LLC		359.38
R.K. BELT AND SONS, INC.	20250915	28.84
10 9010 2700 000 0000 618	leaf spring bracket-football trailer	28.84
Vendor Name R.K. BELT AND SONS, INC.		28.84

Vendor Name	Invoice Number	Amount	
Account Number	Detail Description		Amount
RED OAK COMMUNITY SCHOOL DISTRICT FOUNDATION	20250915	1,077.40	
10 0109 1000 421 3227 618	Remaining Balance - RO Foundation SBS		1,077.40
Vendor Name	RED OAK COMMUNITY SCHOOL DISTRICT FOUNDATION		1,077.40
RED OAK DO IT CENTER	IN226AAA	109.94	
10 0109 2620 000 0000 618	paint and supplies for High School/field		109.94
Vendor Name	RED OAK DO IT CENTER		109.94
RED OAK GLASS INC.	20694	4,616.00	
10 0418 2620 000 0000 618	Replace Glass North Side Inman		4,616.00
Vendor Name	RED OAK GLASS INC.		4,616.00
RED OAK PUBLISHING LLC	AugPublicati ons2025	208.90	
10 9010 2572 000 0000 540	August Publications 2025		208.90
Vendor Name	RED OAK PUBLISHING LLC		208.90
RENAISSANCE LEARNING INC	INV5562352	1,320.80	
10 0418 2240 100 0000 325	FASTBridge Assessments - K-6		1,320.80
Vendor Name	RENAISSANCE LEARNING INC		1,320.80
REX'S PLUMBING AND HEATING LLC	10448	490.00	
10 0109 2620 000 0000 432	Water Meter Install		490.00
Vendor Name	REX'S PLUMBING AND HEATING LLC		490.00
RIVERSIDE TECHNOLOGIES, INC	RC0004203	920.00	
10 9010 2235 000 0000 359	Managed Services		920.00
RIVERSIDE TECHNOLOGIES, INC	RC0004258	12.00	
10 9010 2235 000 0000 359	DUO MFA		12.00
Vendor Name	RIVERSIDE TECHNOLOGIES, INC		932.00
ROSE, THE	Rose2025	234.33	
10 0418 1000 100 8001 612	PTO - Rose Theatre Tickets		234.33
Vendor Name	ROSE, THE		234.33
SCHIPPERS ELECTRIC, LLC	2499	1,230.00	
10 0445 2620 000 0000 432	Fire Alarm System		1,230.00
Vendor Name	SCHIPPERS ELECTRIC, LLC		1,230.00
SCHOOL BUS SALES	01W7170	1,065.00	
10 9010 2700 000 0000 434	mini Bus to Waterloo for fuse "repair"		1,065.00
Vendor Name	SCHOOL BUS SALES		1,065.00
SCHOOL SPECIALTY LATTA DIV.	208136150854	206.16	
10 0418 1000 100 8001 612	PTO - Rocker Chairs		206.16
SCHOOL SPECIALTY LATTA DIV.	208136192147	79.78	
10 0418 2410 000 0000 611	for Inman: Folders, Ivory cardstock		39.89
10 0445 2410 000 0000 611	for PK: Folders, Ivory cardstock		39.89

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
SCHOOL SPECIALTY LATTA DIV.	208136256365	106.48
10 0418 1000 100 8001 612	PT0 - Batteries	23.77
10 0418 1000 100 8001 612	PT0 - Colored Pencils	72.45
10 0418 1000 100 8001 612	PT0 - Erasers	10.26
Vendor Name SCHOOL SPECIALTY LATTA DIV.		392.42
SPECIALTY UNDERWRITERS LLC	SW4534-2	16,547.00
10 9010 2310 000 0000 520	Quarterly Premium	16,547.00
Vendor Name SPECIALTY UNDERWRITERS LLC		16,547.00
STANEK FIRE PROTECTION	41664B	285.00
10 0418 2640 000 0000 433	Service Fire Control System Hood	285.00
Vendor Name STANEK FIRE PROTECTION		285.00
SYNCQUIP LLC	1568	2,716.52
10 0418 2620 000 0000 432	HVAC Reapir	2,716.52
SYNCQUIP LLC	1586	4,987.60
10 0418 2620 000 0000 432	Compressor & Circuit	4,987.60
Vendor Name SYNCQUIP LLC		7,704.12
TEACHING STRATEGIES	INV224970	754.20
10 0445 1000 420 3233 612	GOLD Bundle for PK	150.84
10 0445 1000 460 3117 612	GOLD Bundle for PK	603.36
Vendor Name TEACHING STRATEGIES		754.20
UNITY POINT CLINIC	279081	42.00
10 9010 2700 000 0000 346	Drug Testing	42.00
Vendor Name UNITY POINT CLINIC		42.00
US CELLULAR	0749230233	644.20
10 9010 2510 000 0000 532	FBF/BBF MiFi	228.00
10 0109 2410 000 0000 532	Principal Phones	138.75
10 9010 2490 000 0000 530	Bus Barn Phone	46.25
10 9010 2490 000 0000 530	Nurse Phone	46.25
10 9010 2490 000 0000 532	Maintenance Phones	138.75
10 9010 2490 000 0000 532	Technology Phone	46.20
Vendor Name US CELLULAR		644.20
VISUAL EDGE IT dba COUNSEL	24AR2947014	937.07
10 0445 1000 100 0000 359	ROECC Copier Clicks	301.52
10 0109 1000 100 0000 359	HS Copier Clicks	117.94
10 0418 1000 100 0000 359	IES Copier Clicks	431.16
10 9010 2520 000 0000 618	Stady Serve	12.99
10 9010 2520 000 0000 618	AdminOffice Copier Clicks	73.46
Vendor Name VISUAL EDGE IT dba COUNSEL		937.07
WATERBOY SPORTS LLC	25332	37.50
10 0109 2640 000 0000 618	2 Way Manifold (2W-Man)	18.00
10 0109 2640 000 0000 618	3/8" Blue Tubing (by the foot)	19.50
Vendor Name WATERBOY SPORTS LLC		37.50
WEST MUSIC CO.	20250915	48.60

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
10 0418 1000 100 8001 612	PTO - Music	48.60
Vendor Name WEST MUSIC CO.		48.60

WESTLAKE ACE HARDWARE	20250915	44.99
10 9010 2700 000 0000 618	shop vac	44.99
WESTLAKE ACE HARDWARE	2898676	362.16
10 0418 2620 000 0000 432	IES Supplies	34.58
10 0109 2620 000 0000 432	HS Supplies	283.62
10 9010 2620 000 0000 618	District Supplies	43.96
Vendor Name WESTLAKE ACE HARDWARE		407.15

YOUNG AUTO PARTS INC.	20250915	33.48
10 9010 2700 000 0000 618	casters for creeper	33.48
YOUNG AUTO PARTS INC.	20250915-0001	114.97
10 9010 2650 000 0000 673	oil filter, air filter- blue burb	114.97
Vendor Name YOUNG AUTO PARTS INC.		148.45

Fund Number 10		225,011.48
Checking Account ID 1	Fund Number 33	CAPITAL PROJECTS - LOST
ALLEY, POYNER, MACCHIETTO, ARCHITECTURE, INC	24077-8	31,911.50
33 9010 2620 000 0000 490	IES Remodel	31,911.50
Vendor Name ALLEY, POYNER, MACCHIETTO, ARCHITECTURE, INC		31,911.50

Fund Number 33		31,911.50
Checking Account ID 1		256,922.98
Checking Account ID 2	Fund Number 61	SCHOOL NUTRITION FUND
OPAA! FOOD MANAGEMENT INC	IA00066378	666.30
61 9010 3110 000 4557 631	FFVP August	666.30
OPAA! FOOD MANAGEMENT INC	IA00066503	63,632.17
61 9010 3110 000 0000 570	August Nutrtnn Services	63,632.17
Vendor Name OPAA! FOOD MANAGEMENT INC		64,298.47

REDD, COURTNEY	LUNCH REIMBURSEMEN T	30.00
61 483 000 0000 000	LUNCH REIMBURSEMENT	30.00
Vendor Name REDD, COURTNEY		30.00

Fund Number 61		64,328.47
Checking Account ID 2		64,328.47
Checking Account ID 3	Fund Number 21	STUDENT ACTIVITY FUND
AMAZON CAPITAL SERVICES, INC.	1LQC-L73Y-7HYQ	143.95
21 9010 1400 920 6720 738	Pads	143.95
Vendor Name AMAZON CAPITAL SERVICES, INC.		143.95

ANDERSON, MIKE	ANDERSON0908 25	120.00
21 0109 1400 920 6720 340	JV FB OFFICIAL	120.00
Vendor Name ANDERSON, MIKE		120.00

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
BAXTER, RANDY	BAXTER090525	160.00
21 0109 1400 920 6720 340	V FB OFFICIAL	160.00
Vendor Name BAXTER, RANDY		160.00
BIRD, MATT	BIRD090825	120.00
21 0109 1400 920 6720 340	JV FB OFFICIAL	120.00
Vendor Name BIRD, MATT		120.00
BONDURANT-FARRAR HIGH SCHOOL	Bondurant082625	175.00
21 0109 1400 920 6815 810	VB Tournament Fee	175.00
Vendor Name BONDURANT-FARRAR HIGH SCHOOL		175.00
BROTHERS, KEITH	BROTHERS090225	120.00
21 0109 1400 920 6720 340	JV FB OFFICIAL	120.00
BROTHERS, KEITH	BROTHERS091125	120.00
21 0109 1400 920 6720 340	JH FB OFFICIAL	120.00
Vendor Name BROTHERS, KEITH		240.00
CABBAGE, ALEX	CABBAGE090825	120.00
21 0109 1400 920 6720 340	JV FB OFFICIAL	120.00
Vendor Name CABBAGE, ALEX		120.00
CLARINDA COMMUNITY SCHOOLS	ClarindaXC091125	190.00
21 0109 1400 920 6645 810	XC Fee	190.00
Vendor Name CLARINDA COMMUNITY SCHOOLS		190.00
CONCORD THEATRICALS	11249792	238.95
21 0109 1400 910 6210 618	HS Musical Rights	238.95
Vendor Name CONCORD THEATRICALS		238.95
DOYLE, JIM	DOYLE091125	140.00
21 0109 1400 920 6815 340	9th/JV/V VB OFFICIAL	140.00
Vendor Name DOYLE, JIM		140.00
DUKES, LEROY	DUKES091125	120.00
21 0109 1400 920 6720 340	JH FB OFFICIAL	120.00
Vendor Name DUKES, LEROY		120.00
FIRST BANKCARD - HH	20250911-0002	1,135.00
21 0109 1400 910 6111 618	JH Musical Rights	1,135.00
FIRST BANKCARD - HH	20250911-0003	2,612.20
21 0109 1400 910 6210 618	HS Musical Rights	2,612.20
FIRST BANKCARD - HH	20250911-0004	219.89
21 9010 1400 920 6790 618	Wrestling Mat Cleaner	219.89
FIRST BANKCARD - HH	20250911-0005	2,637.26
21 0109 1400 920 6840 618	Long Jump Pit Tarps	2,637.26

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
FIRST BANKCARD - HH	20250911b	259.11
21 0010 1400 920 6720 738	Football Pads	259.11
FIRST BANKCARD - HH	20250915-0001	1,317.53
21 0109 1400 950 7421 618	Homecoming Supplies	1,317.53
Vendor Name FIRST BANKCARD - HH		8,180.99
GLENWOOD COMMUNITY SCHOOLS	GlenwoodXC08 202025	225.00
21 0109 1400 920 6645 810	XC Fee (Full Boys/5 HS Girls/MS B & G)	225.00
Vendor Name GLENWOOD COMMUNITY SCHOOLS		225.00
GREBERT, RON	GREBER090825	120.00
21 0109 1400 920 6720 340	JV FB OFFICIAL	120.00
Vendor Name GREBERT, RON		120.00
GUBBELS, JAY	GUBBELS09052 5	160.00
21 0109 1400 920 6720 340	V FB OFFICIAL	160.00
Vendor Name GUBBELS, JAY		160.00
HEARTLAND AEA #1	137591	120.40
21 0109 1400 920 6600 618	Vouchers Printed	120.40
Vendor Name HEARTLAND AEA #1		120.40
HEUTON, TYLER	HEUTON	120.00
21 0109 1400 920 6720 340	JH FB OFFICIAL	120.00
Vendor Name HEUTON, TYLER		120.00
HITT, JESSE	HITT090225	120.00
21 0109 1400 920 6720 340	JV FB OFFICIAL	120.00
Vendor Name HITT, JESSE		120.00
HOPPE, KACIE	HOPPE091125	140.00
21 0109 1400 920 6815 340	9th/JV/V VB OFFICIAL	140.00
Vendor Name HOPPE, KACIE		140.00
IOWA HIGH SCHOOL MUSIC ASSOC	20250911	20.00
21 0109 1400 910 6220 810	All State Band Individual	20.00
IOWA HIGH SCHOOL MUSIC ASSOC	476	175.00
21 0109 1400 910 6220 810	All State Marching Band	175.00
Vendor Name IOWA HIGH SCHOOL MUSIC ASSOC		195.00
JOHNSON, BOB	JOHNSON09052 5	160.00
21 0109 1400 920 6720 340	V FB OFFICIAL	160.00
Vendor Name JOHNSON, BOB		160.00
JOSTENS	N003400518	48.45
21 0109 1400 920 6600 618	Pins	48.45
Vendor Name JOSTENS		48.45
KENNEDY, SKIP	KENNEDY09052	160.00

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
	5	
21 0109 1400 920 6720 340	V FB OFFICIAL	160.00
Vendor Name KENNEDY, SKIP		160.00
NORDYKE, AARON	NORDYKE090225	120.00
	5	
21 0109 1400 920 6720 340	JV FB OFFICIAL	120.00
Vendor Name NORDYKE, AARON		120.00
PEPPER & SON, INC.	367704042/367707225	591.91
21 0109 1400 910 6210 618	Invoice 367707225	219.00
21 0109 1400 910 6210 618	Invoice 367704042	372.91
Vendor Name PEPPER & SON, INC.		591.91
PETERS, MICHAEL AND LISA	20250826	2,200.00
21 0109 1400 910 6220 618	Drill and Guard Design	2,200.00
Vendor Name PETERS, MICHAEL AND LISA		2,200.00
RED OAK HARDWARE HANK	229814-229974	499.98
21 0109 1400 920 6600 618	Footballs and Tennis Balls	499.98
Vendor Name RED OAK HARDWARE HANK		499.98
SHENANDOAH COMMUNITY SCHOOLS	ShenVB091125	90.00
21 0109 1400 920 6815 810	JV VB ENTRY FEE	90.00
SHENANDOAH COMMUNITY SCHOOLS	ShenXC081925	100.00
21 0109 1400 920 6645 810	XC Fee	100.00
Vendor Name SHENANDOAH COMMUNITY SCHOOLS		190.00
SHOOK MUSIC STUDIO	20250911	636.60
21 0109 1400 910 6220 348	Piano Tuning	636.60
Vendor Name SHOOK MUSIC STUDIO		636.60
WILLIAMS, JUSTIN	WILLIAMS090225	120.00
21 0109 1400 920 6720 340	JV FB OFFICIAL	120.00
WILLIAMS, JUSTIN	WILLIAMS091125	120.00
21 0109 1400 920 6720 340	JH FB OFFICIAL	120.00
Vendor Name WILLIAMS, JUSTIN		240.00
WRIGHT, CHARLES	WRIGHT090525	160.00
21 0109 1400 920 6720 340	V FB OFFICIAL	160.00
Vendor Name WRIGHT, CHARLES		160.00
YMCA-MONTGOMERY COUNTY	081525	192.00
21 9010 1400 920 6650 618	08/15 Tennis	192.00
YMCA-MONTGOMERY COUNTY	ymcatennis091125	192.00
21 9010 1400 920 6650 618	Tennis Court Rental	192.00
Vendor Name YMCA-MONTGOMERY COUNTY		384.00
Fund Number 21		16,540.23

Vendor Name	Invoice Number	Amount
Account Number	Detail Description	Amount
Checking Account ID 3		16,540.23



**Water Treatment Program Agreement
for
RED OAK COMMUNITY SCHOOLS
604 S BROADWAY ST**

RED OAK, IA, 51566

Annual Closed Loop Water Treatment Program
High School Mech Room Heating Loop, High School Tech Center Heating Loop, Inman Heating Loop

By this AGREEMENT RED OAK COMMUNITY SCHOOLS (hereinafter referred to as "Customer") agrees to purchase and Chemsearch FE, a division of NCH Corporation (hereinafter referred to as "Chemsearch FE"), agrees to provide a professional Water Treatment Program for the SYSTEM(S) for a monthly cost of \$531.16 to be paid in 12 equal billings for a total agreement price of \$6,373.96.

The term of this AGREEMENT shall be for 12 months starting 9/1/2025 and ending 8/31/2026. This price quotation includes products and services as outlined in this proposal, but does not include any taxes, freight, or handling fees that may be applicable.

Chemsearch FE will have a representative call on Customer and provide directions for the initial startup and monitoring of the treatment chemicals. Thereafter, a representative will visit Customer regularly to check the systems, collect water samples, and test the treated waters. A written report documenting the results of the service visits and any recommendations will be provided to the designated personnel of Customer.

Customer agrees to follow the recommendations provided by Chemsearch FE on the water treatment program and to maintain the necessary equipment to insure proper application and functioning of the water treatment chemicals. Customer will purchase or otherwise provide and install the required equipment. Chemsearch FE will provide assistance for the installation, if requested by Customer.

Customer agrees to permit Chemsearch FE reasonable access to its premises and the system to allow Chemsearch FE personnel to perform their services.

Customer agrees to perform routine cleaning of the systems covered in this agreement.

Customer agrees to perform maintenance and repairs of equipment as recommended by equipment manufacturer or mechanical contractor. If repairs to the system are required to permit Chemsearch FE's products to effectively protect Customer's equipment, Customer agrees to cause such repairs to be made at its expense. Customer agrees to inform Chemsearch FE of modifications to the system or any design elements in the system such as dead-legs that would affect the flow of water through the equipment.

Chemsearch FE's treatment of biological growth is for the purpose of reducing the risk of that growth causing damage to the equipment or otherwise interfering with the operation of the system and is not meant to protect against health risks from exposure to biological growth.

This AGREEMENT does not include Legionella risk assessment or a Legionella risk management program. Chemsearch FE is providing the services described in this AGREEMENT only and no services relating to Legionella Risk Management beyond normal minimization of biological fouling.

Chemsearch FE has no responsibility for damages to the system or conditions such as scale or corrosion, which existed prior to the start of the Water Treatment Program, or for damages due to customer's failure to properly operate, maintain or repair equipment. Chemsearch FE is not responsible for damages due to Customer's failure to implement

recommendations made by Chemsearch FE.

This AGREEMENT is effective as of the date it is signed and shall remain in effect until cancelled by either party submitting a 30 day written notice of cancellation. Customer will be responsible for payment of all products/equipment shipped and services rendered prior to cancellation of program. Upon cancellation, Customer must return all Chemsearch FE supplied equipment (which has not been separately purchased). After the initial 12 months, and if business conditions warrant, Chemsearch FE may implement a general price increase to Customer which will be reflected on the next invoice to Customer.

AGREED TO on this _____ day of _____, 20_____.

Sales Representative

Signature: _____

Print Name: _____ Jake Hike _____

Company Representative

Signature: _____

Print Name: _____

Chemsearch FE, a division of NCH Corporation

2727 Chemsearch Boulevard

Irving, TX 75062

Company: _____

Address: _____

NOLTE, CORNMAN & JOHNSON P.C.
Certified Public Accountants
(a professional corporation)
115 North 3rd Avenue West, Newton, Iowa 50208
Telephone (641) 792-1910

8/28/2025

Red Oak Community School District
Attn: Heidi Harris

We are pleased to confirm our understanding of the services we are to provide Red Oak Community School District for the year ended June 30, 2025.

Audit Scope and Objectives

We will audit the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units (if applicable), each major fund, and the aggregate remaining fund information, including the disclosures, which collectively comprise the basic financial statements which collectively comprise the basic financial statements, of Red Oak Community School District as of and for the year ended June 30, 2025. Accounting standards generally accepted in the United States of America (GAAP) provide for certain required supplementary information (RSI), such as management's discussion and analysis (MD&A), to supplement Red Oak Community School District's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to Red Oak Community School District's RSI in accordance with auditing standards generally accepted in the United States of America (GAAS). These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient appropriate evidence to express an opinion or provide any assurance. The following RSI is required by GAAP and will be subjected to certain limited procedures, but will not be audited:

1. Management's Discussion and Analysis.
2. Budgetary Comparison Schedule of Revenues, Expenditures/Expenses and Changes in Balances - Budget and Actual - All Governmental Funds and Proprietary Fund (s)
3. Notes to Required Supplementary Information – Budgetary Reporting
4. Schedule of the District's Proportionate Share of the Net Pension Liability.
5. Schedule of District Contributions
6. Notes to Required Supplementary Information – Pension Liability
7. Schedule of Changes in the District's Total OPEB Liability, Related Ratios
8. Notes to Required Supplementary Information - OPEB Liability

We have also been engaged to report on supplementary information other than RSI that accompanies Red Oak Community School District's financial statements. We will subject the

following supplementary information to the auditing procedures applied in our audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS, and we will provide an opinion on it in relation to the financial statements as a whole in a report combined with our auditor's report on the financial statements.

1. Schedule of expenditures of federal awards (if applicable).
2. Any additional schedules as required.

In connection with our audit of the basic financial statements, we will read the following other information (if applicable) and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

1. ACFR statistical schedule data (if applicable).

The objectives of our audit are to obtain reasonable assurance about whether your financial statements as a whole are free from material misstatement, whether due to fraud or error, and issue an auditor's report that includes our opinions about whether your financial statements are fairly presented, in all material respects, in conformity with GAAP, and report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that individually or in the aggregate, they would influence the judgment of a reasonable user made based on the financial statements. The objective also includes reporting on:

- Internal control over financial reporting and compliance with provisions of laws, regulations, contracts, and award agreements; noncompliance with which could have a material effect on the financial statements in accordance with *Government Auditing Standards*.
- Internal control over compliance related to major programs and an opinion (or disclaimer of opinion) on compliance with federal statutes, regulations, and the terms and conditions of federal awards that could have a direct and material effect on each major program in accordance with the Single Audit Act Amendments of 1996 and Title 2 U.S. *Code of Federal Regulations* (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) (if applicable).

Auditor's Responsibilities for the Audit of the Financial Statements and Single Audit (If Applicable)

We will conduct our audit in accordance with GAAS; the standards for financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States and will include tests of accounting records of Red Oak Community School District and other procedures we consider necessary to enable us to express such opinions. As part of an audit in accordance with GAAS and *Government Auditing Standards*, we exercise professional judgment and maintain professional skepticism throughout the audit.

We will evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management. We will also evaluate the overall presentation of the financial statements, including the disclosures, and determine whether the

financial statements represent the underlying transactions and events in a manner that achieves fair presentation. We will plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government. Because the determination of waste and abuse is subjective, *Government Auditing Standards* do not expect auditors to perform specific procedures to detect waste or abuse in financial audits nor do they expect auditors to provide reasonable assurance of detecting waste or abuse.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is an unavoidable risk that some material misstatements or noncompliance may not be detected by us, even though the audit is properly planned and performed in accordance with GAAS and *Government Auditing Standards*. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements or on major programs. However, we will inform the appropriate level of management of any material errors, any fraudulent financial reporting, or misappropriation of assets that come to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential. We will include such matters in the reports required for a Single Audit (if applicable). Our responsibility as auditors is limited to the period covered by our audit and does not extend to any later periods for which we are not engaged as auditors.

We will also conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the government's ability to continue as a going concern for a reasonable period of time.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, tests of the physical existence of inventories, and direct confirmation of receivables and certain assets and liabilities by correspondence with selected individuals, funding sources, creditors, and financial institutions. We will also request written representations from your attorneys as part of the engagement.

We have identified the following significant risk(s) of material misstatement as part of our audit planning:

1. Management override of controls
2. Revenue recognition

We may, from time to time and depending on the circumstances, use third-party service providers in serving your account. We may share confidential information about you with these service providers but remain committed to maintaining the confidentiality and security of your information. Accordingly, we maintain internal policies, procedures and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality agreements with all service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure an appropriate confidentiality agreement, you will be asked to provide your consent prior to the sharing of your confidential information with the third-party service provider. Furthermore, we will remain responsible for the work provided by any such third-party service providers.

Our audit of financial statements does not relieve you of your responsibilities.

Audit Procedures – Internal Control

We will obtain an understanding of the government and its environment, including internal control, sufficient to identify and assess the risks of material misstatement of the financial statements, whether due to error or fraud, and to design and perform audit procedures responsive to those risks and obtain evidence that is sufficient and appropriate to provide a basis for our opinions. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentation, or the override of internal control. Tests of controls may be performed to test the effectiveness of certain controls that we consider relevant to preventing and detecting errors and fraud that are material to the financial statements and to preventing and detecting misstatements resulting from illegal acts and other noncompliance matters that have a direct and material effect on the financial statements. Our tests, if performed, will be less in scope than would be necessary to render an opinion on internal control and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to *Government Auditing Standards*.

As required by the Uniform Guidance, we will perform tests of controls over compliance to evaluate the effectiveness of the design and operation of controls that we consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each major federal award program. However, our tests will be less in scope than would be necessary to render an opinion on those controls and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to the Uniform Guidance (if applicable).

An audit is not designed to provide assurance on internal control or to identify significant deficiencies or material weaknesses. Accordingly, we will express no such opinion. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards, *Government Auditing Standards*, and the Uniform Guidance (if applicable).

Audit Procedures—Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of Red Oak Community School District's compliance with provisions of applicable laws, regulations, contracts and agreements, including grant agreements. However, the objective of those procedures will not be to provide an opinion on overall compliance, and we will not express such an opinion in our report on compliance issued pursuant to *Government Auditing Standards*.

The Uniform Guidance requires that we also plan and perform the audit to obtain reasonable assurance about whether the auditee has complied with federal statutes, regulations, and the terms and conditions of federal awards applicable to major programs. Our procedures will consist of tests of transactions and other applicable procedures described in the *OMB Compliance Supplement* for the types of compliance requirements that could have a direct and material effect on each of Red Oak Community School District's major programs. For federal programs that are included in the Compliance Supplement, our compliance and internal control procedures will relate to the compliance requirements that the Compliance Supplement identifies as being subject to audit (if applicable). The purpose of these procedures will be to express an opinion on Red Oak Community School District's compliance with requirements applicable to each of its major programs in our report on compliance issued pursuant to the Uniform Guidance (if applicable).

Responsibilities of Management for the Financial Statements and Single Audit (if applicable)

Our audit will be conducted on the basis that you acknowledge and understand your responsibility for (1) designing, implementing, establishing, and maintaining effective internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error, including internal controls over federal awards, and

for evaluating and monitoring ongoing activities to help ensure that appropriate goals and objectives are met; (2) following laws and regulations; (3) ensuring that there is reasonable assurance that government programs are administered in compliance with compliance requirements; and (4) ensuring that management and financial information is reliable and properly reported. Management is also responsible for implementing systems designed to achieve compliance with applicable laws, regulations, contracts, and grant agreements. You are also responsible for the selection and application of accounting principles; for the preparation and fair presentation of the financial statements, schedule of expenditures of federal awards, and all accompanying information in conformity with accounting principles generally accepted in the United States of America; and for compliance with applicable laws and regulations (including federal statutes), rules, and the provisions of contracts and grant agreements (including award agreements). Your responsibilities also include identifying significant contractor relationships in which the contractor has responsibility for program compliance and for the accuracy and completeness of that information.

You are also responsible for making drafts of financial statements, schedule of expenditures of federal awards, all financial records, and related information available to us and for the accuracy and completeness of that information (including information from outside of the general and subsidiary ledgers). You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation, identification of all related parties and all related-party relationships and transactions, and other matters; (2) access to personnel, accounts, books, records, supporting documentation, and other information as needed to perform an audit under the Uniform Guidance (if applicable); (3) additional information that we may request for the purpose of the audit; and (4) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence. At the conclusion of our audit, we will require certain written representations from you about the financial statements; schedule of expenditures of federal awards; federal award programs; compliance with laws, regulations, contracts, and grant agreements; and related matters.

Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements of each opinion unit taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws, regulations, contracts, agreements, and grants. You are also responsible for taking timely and appropriate steps to remedy fraud and noncompliance with provisions of laws, regulations, contracts, and grant agreements that we report. Additionally, as required by the Uniform Guidance, it is management's responsibility to evaluate and monitor noncompliance with federal statutes, regulations, and the terms and conditions of federal awards; take prompt action when instances of noncompliance are identified including noncompliance identified in audit findings; promptly follow up and take corrective action on reported audit findings; and prepare a summary schedule of prior audit findings and a separate corrective action plan (if applicable). The summary schedule of prior audit findings should be available for our review on the final day of fieldwork.

You are responsible for identifying all federal awards received and understanding and complying with the compliance requirements and for the preparation of the schedule of expenditures of federal awards (including notes and noncash assistance received and COVID-19-related concepts, such

as lost revenues) (if applicable) in conformity with the Uniform Guidance. You agree to include our report on the schedule of expenditures of federal awards in any document that contains and indicates that we have reported on, the schedule of expenditures of federal awards. You also agree to include the audited financial statement with any presentation of the schedule of expenditures of federal awards that includes our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the schedule of expenditures of federal awards in accordance with the Uniform Guidance; (2) you believe the schedule of expenditures of federal awards, including its form and content, is stated fairly in accordance with the Uniform Guidance; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the schedule of expenditures of federal awards.

You are also responsible for the preparation of the other supplementary information, which we have been engaged to report on, in conformity with U.S. generally accepted accounting principles (GAAP). You agree to include our report on the supplementary information in any document that contains, and indicates that we have reported on, the supplementary information. You also agree to include the audited financial statements with any presentation of the supplementary information that includes our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

Management is responsible for establishing and maintaining a process for tracking the status of audit findings and recommendations. Management is also responsible for identifying and providing report copies of previous financial audits, attestation engagements, performance audits, or other studies related to the objectives discussed in the Audit Scope and Objectives section of this letter. This responsibility includes relaying to us corrective actions taken to address significant findings and recommendations resulting from those audits, attestation engagements, performance audits, or studies. You are also responsible for providing management's views on our current findings, conclusions, and recommendations, as well as your planned corrective actions for the report, and for the timing and format for providing that information.

Other Services

We will also assist in preparing the financial statements and related notes, working trial balance including the entity-wide working trial balance, converting cash to accrual, management's discussion and analysis, preparing the required supplementary information, preparing supplementary information, and schedule of expenditures of federal awards (if applicable) of Red Oak Community School District in conformity with generally accepted accounting principles in the United States of America and the Uniform Guidance based on information provided by you. These nonaudit services do not constitute an audit under *Government Auditing Standards* and such services will not be conducted in accordance with *Government Auditing Standards*. We will perform the services in accordance with applicable professional standards. The other services are limited to the financial statements, schedule of expenditures of federal awards (if applicable), and related notes services previously defined. We, in our sole professional judgment, reserve the right to refuse to perform any procedure or take any action that could be construed as assuming management responsibilities.

You agree to assume all management responsibilities for the financial statements, schedule of expenditures of federal awards, and related notes, and any other nonaudit services we provide. You will be required to acknowledge in the management representation letter our assistance with preparation of the financial statements, the schedule of expenditures of federal awards, and related

notes and that you have reviewed and approved the financial statements, the schedule of expenditures of federal awards, and related notes prior to their issuance and have accepted responsibility for them. Further, you agree to oversee the nonaudit services by designating an individual, preferably from senior management, with suitable skill, knowledge, or experience; evaluate the adequacy and results of those services; and accept responsibility for them.

Engagement Administration, Fees and Other

We understand that your employees will prepare all cash, accounts receivable, or other confirmations we request and will locate any documents selected by us for testing.

At the conclusion of the engagement, we will complete the appropriate sections of the Data Collection Form that summarizes our audit findings. It is management's responsibility to electronically submit the reporting package (including financial statements, schedule of expenditures of federal awards, summary schedule of prior audit findings, auditors' reports, and corrective action plan) along with the Data Collection Form to the federal audit clearinghouse. We will coordinate with you the electronic submission and certification. The Data Collection Form and the reporting package must be submitted within the earlier of 30 calendar days after receipt of the auditors' reports or nine months after the end of the audit period. (If applicable)

We will provide copies of our reports to the Red Oak Community School District; however, management is responsible for distribution of the reports and the financial statements. Unless restricted by law or regulation, or containing privileged and confidential information, copies of our reports are to be made available for public inspection.

The audit documentation for this engagement is the property of Nolte, Cornman & Johnson P.C. and constitutes confidential information. However, subject to applicable laws and regulations, audit documentation and appropriate individuals will be made available upon request and in a timely manner to the federal and state departments of education or its designee, the office of the auditor of state, a federal agency providing direct or indirect funding, or the U.S. Government Accountability Office for purposes of a quality review of the audit, to resolve audit findings, or to carry out oversight responsibilities. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Nolte, Cornman & Johnson P.C. personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the aforementioned parties. These parties may intend, or decide, to distribute the copies or information contained therein to others, including other governmental agencies.

The audit documentation for this engagement will be retained for a minimum of five years after the report release date or for any additional period requested by federal and state departments of education. If we are aware that a federal awarding agency, pass-through entity, or auditee is contesting an audit finding, we will contact the party(ies) contesting the audit finding for guidance prior to destroying the audit documentation.

Nancy Janssen is the engagement partner and is responsible for supervising the engagement and signing the reports or authorizing another individual to sign them.

Our fee for these services will be **\$21000** which was the amount accepted by the Board of Education of the Red Oak Community School District when the contract was bid. Our invoices for these fees will be rendered at 40% of contract after field work is completed and final bill after report is delivered. The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

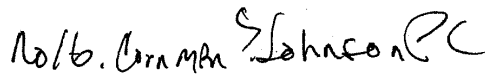
Reporting

We will issue written reports upon completion of our Single Audit (if applicable). Our reports will be addressed to the Board of Directors of the Red Oak Community School District. Circumstances may arise in which our report may differ from its expected form and content based on the results of our audit. Depending on the nature of these circumstances, it may be necessary for us to modify our opinions, add a separate section, or add an emphasis-of-matter or other-matter paragraph to our auditor's report, or if necessary, withdraw from this engagement. If our opinions are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or issue reports, or we may withdraw from this engagement.

The *Government Auditing Standards* report on internal control over financial reporting and on compliance and other matters will state that (1) the purpose of the report is solely to describe the scope of testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance, and (2) the report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. The Uniform Guidance report on internal control over compliance will state that the purpose of the report on internal control over compliance is solely to describe the scope of testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Both reports will state that the report is not suitable for any other purpose.

We appreciate the opportunity to be of service to Red Oak Community School District and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please sign the enclosed copy and return it to us.

Very truly yours,



Nolte, Cornman & Johnson P.C.

RESPONSE:

This letter correctly sets forth the understanding of Red Oak Community School District.

Board President: _____ Date: _____

Business Manager: _____ Date: _____

400.1 - Role of and Guiding Principles for Employees

This series of the board policy manual is devoted to the board's goals and objectives for employees in the performance of their jobs. Employees provide a variety of important services for the children of the school district community. They may be teaching or assisting in the classroom, working in the office, maintaining the facilities, driving or repairing the school buses, or cooking lunches. Each employee plays a vital role in providing an equal opportunity for a quality education for students commensurate with the students' individual needs. All employees have an impact on the school environment, including students, parents, and community members, by their dedication to their work and their actions. As role models for the students, employees shall promote a cooperative, enthusiastic, and supportive learning environment for the students.

In striving to achieve a quality education program, the board's goal is to obtain and retain qualified and effective employees. The board shall have complete discretion to determine the number, the qualifications, and the duties of the positions and the school district's standards of acceptable performance. It shall be the responsibility of the superintendent to make recommendations to the board in these areas prior to board action. The board recognizes its duty to bargain collectively with duly certified collective bargaining units.

Board policies in this series relating to general employees shall apply to employees regardless of their position as a licensed employee, classified employee, substitute or administrator. Board policies relating to licensed employees shall apply to positions that require a teaching license or administrator's certificate or other professional license, certificate or endorsement, unless administrative positions are specifically excluded from the policy or a more specific policy is in the 300 series. Classified employees' policies included in this series shall apply to positions that do not fall within the definition of licensed employee.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

400.2 - Equal Employment Opportunity

The Red Oak Community School District will provide equal opportunity to employees and applicants for employment in accordance with applicable equal employment opportunity and affirmative action laws, directives and regulations of federal, state and local governing bodies. Opportunity to all employees and applicants for employment includes hiring,

placement, promotion, transfer or demotion, recruitment, advertising or solicitation for employment, treatment during employment, rates of pay or other forms of compensation, and layoff or termination. The school district will take affirmative action in major job categories where women, men, minorities, and persons with disabilities are underrepresented.

Employees will support and comply with the district's established equal employment opportunity and affirmative action policies. Employees will be given notice of this policy annually.

The board will appoint an affirmative action coordinator. The affirmative action coordinator will have the responsibility for drafting the affirmative action plan. The affirmative action plan will be reviewed by the board at least every two years.

Individuals who file an application with the school district will be given consideration for employment if they meet or exceed the qualifications set by the board, administration, and Iowa Department of Education for the position for which they apply. In employing individuals, the board will consider the qualifications, credentials, and records of the applicants without regard to the applicants' age, race, creed, color, sex, sexual orientation, national origin, religion, disability, or genetic information. In keeping with the law, the board will consider the veteran status of applicants.

Prior to a final offer of employment for any position, the school district will perform any background check required by law. The district may determine on a case-by-case basis that, based on the duties, some positions within the district will require more thorough background checks. Based upon the results of the background checks, the school district will determine whether an offer will be extended and may withdraw a previously extended offer.

Advertisements and notices for vacancies within the district will contain the following statement: "The Red Oak Community School District is an equal employment opportunity/affirmative action employer." The statement will also appear on application forms.

Inquiries by employees or applicants for employment regarding compliance with equal employment opportunity and affirmative action laws and policies, including but not limited to complaints of discrimination, may also be directed to the Iowa Civil Rights Commission, 400 E. 14th Street, Des Moines, Iowa 50309-1004, (515) 281-4121 or 1-800-457-4416, <http://www.state.ia.us/government/crc/index.html> or to the Director of the Equal Employment Opportunity Commissions, Milwaukee Area Office, Reuss Federal Plaza, 310 West Wisconsin Ave., Suite 800, Milwaukee, WI., 53203-2292, (800) 669-4000 or TTY (800)

669-6820. <http://www.eeoc.gov/field/milwaukee/index.cfm>. Such inquiry or complaint to the state or federal office may be done instead of, or in addition to, an inquiry or complaint at the local level.

Further information and copies of the procedures for filing a complaint are available in the school district's central administrative office and the administrative office in each attendance center.

Approved: July 25, 2018

Reviewed: ~~April 16, 2025~~

Revised: April 16, 2025

401.1 - Employee Defined

Employees are those individuals who are employed by the school district on an ongoing basis who are not independent contractors. The district may give employees individual contracts or letters of assignment or may not issue any form of written document to employees, as required by law and in the discretion of the district. Any contracts for employment must be signed by the board president

Licensed employees, including administrators, are those employees required to hold an appropriate license from the Iowa Department of Education for their position as required by the Board of Educational Examiners or others with professional licenses. Licenses required for a position will be considered met if the employee meets the requirements established by the Iowa Department of Education. Licensed employees must present evidence of current license to the board secretary prior to payment of salary each year.

Support staff employees or classified are employees who are not administrators or employees in positions which require a license issued by the Iowa Board of Educational Examiners and who are employed to fulfill the duties listed on their job description on a monthly or hourly basis. Support staff employees required to hold a license for their position must present evidence of their current license to the board secretary prior to payment of wages each year.

It is the responsibility of the superintendent to establish job specifications and job descriptions for employees' positions, other than the position of the superintendent. Job descriptions may be approved by the board.

Approved: July 25, 2018

Reviewed: ~~February 14, 2022~~

Revised: March 14, 2022

401.2 - Employee Qualifications, Recruitment, and Selection

Recruitment and selection of the employees of the district shall be the responsibility of the superintendent. In the discharge of this responsibility, the superintendent may utilize other administrators and/or staff members as is practical and effective.

Selection of employees shall be based on the following qualifications, as well as any other qualifications the superintendent or administrator deems appropriate:

1. Training, education, experience, and skill
2. Demonstrated professional competency;
3. Personality;
4. General suitability for the position;
5. The needs of the district.

All job openings shall be submitted to the Iowa Department of Education for posting on TeachIowa.gov, the online state job posting system. Additional announcements of the position may occur in a manner which the superintendent believes will inform potential applicants about the position. Whenever possible, the preliminary screening of applicants will be conducted by the administrator who will be directly supervising and overseeing the person being hired.

All professional employees shall be properly licensed as required by statutory enactment and the Iowa Department of Education.

The superintendent shall make a recommendation to the board and the board shall approve any recommendation prior to any individual being employed by the board, ~~except the superintendent may hire teachers without approval of the board.~~ However, the superintendent will have the authority to employ an employee on a temporary basis until a recommendation can be made and action can be taken by the board on the position.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

401.3 Limitations to Employment References

The Red Oak Community School District believes in taking appropriate measures to promote the health and welfare of all students. Any school employee, contractor, or agent shall not assist another school employee, contractor, or agent in obtaining a new job, apart from the routine transmission of administrative personnel files, if the individual or agency

knows, or has probable cause to believe, that such school employee, contractor, or agent engaged in sexual misconduct regarding a minor or student in violation of the law. The board will employ licensed employees after receiving a recommendation from the superintendent. The superintendent, however, will have the authority to employ a licensed employee on a temporary basis until a recommendation can be made and action can be taken by the board on the position.

This limitation does not apply if the matter has been properly reported to law enforcement and any other regulatory authorities required by law, and either:

- the matter has been officially closed by the law enforcement agency;
- the individual is acquitted or otherwise exonerated of the alleged misconduct; or
- more than four years has passed since the case was opened, and no charges or indictment have been filed.

Approved: March 14, 2022

Reviewed: ~~February 14, 2022~~

Revised:

401.4 - Employee Leaves and Absences

Employees shall be provided leave as required under federal, state or local law; as specified in board policy; as specified in a collective bargaining unit covering the employee; or as specified in the individual employee's contract with the district.

Unpaid leave may be used to excuse an involuntary absence not provided for in other leave policies. Employees may make requests for unpaid leaves of absence. Such requests shall be submitted in writing to the superintendent or designee at least five (5) work days in advance except in cases of emergency, in which case authorization must be requested as soon as possible and in no event more than five (5) work days after the absence. Such requests will be considered individually on their own merits and in accordance with the applicable collective bargaining agreement, if any, and state and federal law.

The superintendent or designee will have complete discretion to grant or deny the requested unpaid leave. In making this determination, the superintendent will consider the effect of the employee's absence on the education program and school district operations, the financial condition of the school district, length of service, previous record of absence, the reason for the requested absence, and other factors the superintendent believes are relevant in making this determination.

If unpaid leave is granted, the duration of the leave period is coordinated with the scheduling of the education program whenever possible, to minimize the disruption of the education program and school district operations.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

401.5 - Employee Resignation

Licensed Employees

A licensed employee who wishes to resign must notify the superintendent in writing within the time period set by the board for return of the contract. This applies to regular contracts for the licensed employee's regular duties and for an extracurricular contract for extra duty. Resignations of this nature will be accepted by the board.

The board may require an individual who has resigned from an extracurricular contract to accept the resigned position for only the subsequent school year when the board has made a good faith effort to find a replacement and the licensed employee is continuing to be employed by the school district.

Support Staff Employees

Support staff employees who wish to resign during the school year must notify the superintendent in writing of their intent to resign and final date of employment no less than thirty (30) days prior to their last working day.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

401.6 - Employee Contract Release-Licensed Employees

Licensed employees who wish to be released from an executed contract must give at least twenty-one days notice to the superintendent. Licensed employees may be released at the discretion of the board. Only in unusual and extreme circumstances will the board release a licensed employee from a contract. The board will have sole discretion to determine what constitutes unusual and extreme circumstances.

Release from a contract will be contingent upon finding a suitable replacement. Licensed employees requesting release from a contract after it has been signed and before it expires may be required to pay the board the cost of advertising incurred to locate and hire a suitable replacement. Upon written mutual agreement between the employee and the superintendent, the costs may be deducted from the employee's salary. Payment of these costs is a condition for release from the contract at the discretion of the board. Failure of the licensed employee to pay these expenses may result in a cause of action being filed in small claims court.

The superintendent is required to file a complaint with the Iowa Board of Educational Examiners against a licensed employee who leaves without proper release from the board.

In the event a certified employee (i.e., teacher or administrator) submits a written resignation by November 30, to be effective at the end of the current school year, that employee shall be eligible to receive a \$1,250 severance bonus. A certified employee who submits a written resignation by January 15, to be effective at the end of the current school year, shall be eligible to receive a \$750 severance bonus. By acceptance of the severance bonus, the employee waives any rights to seek unemployment or other employment claims against the district. The payment of the severance bonus shall occur within thirty (30) days following board approval of the resignation. Once the resignation is approved by the Board, all the employee's rights will be terminated on the employee's last contract day of the current school year. Once approved, the employee's resignation may not be rescinded. This provision may not be applied in conjunction with any other employment separation agreement.

Approved: August 23, 2021
Reviewed: February 14, 2022
Revised: March 14, 2022

401.7 - Employment Retirement

Employees who will complete their current contract with the board may apply for retirement. No employee will be required to retire at a specific age.

Application for retirement will be considered made when the employee states in writing to the superintendent, no later than the date set by the board for the return of the employee's contract to the board, if applicable, the intent of the employee to retire. The letter must state the employee's desire to retire and be witnessed by another party other than the principal or the superintendent. Applications made after the date set by the board for the

return of the employee's contract to the board, if applicable, may be considered by the board if special circumstances exist. It is within the discretion of the board to determine whether special circumstances exist.

Board action to approve a licensed employee's application for retirement is final, and such action constitutes nonrenewal and/or termination of the employee's contract effective the day of the employee's retirement.

Licensed employees who retire under this policy may qualify for retirement benefits through the Iowa Public Employees Retirement System.

Employees and their spouse and dependents who have group insurance coverage through the school district may be allowed to continue coverage of the school district's group health insurance program, at their own expense, by meeting the requirements of the insurer.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

401.6R1 - Licensed Employee Early Retirement Plan

I. Eligibility for Early Retirement Plan

The school district offers an Early Retirement Plan for full-time licensed employees. Full-time licensed employees are licensed employees who are eligible for full insurance coverage under the requirements of the insurer and who are currently performing their assigned duties within the school district. A licensed employee is eligible to participate in the Early Retirement Plan under the following terms:

- A. The number of applications for the Early Retirement Plan will be limited to no more than five (5) for a given fiscal year, unless the Board chooses to allow more than five(5).
- B. The Early Retirement Plan will be available to a licensed employee who is fifty-five (55) years of age by the start of the next school year.
- C. The Early Retirement Plan will be available to those who have completed their most recent ten (10) consecutive years of service in the Red Oak Community School District.
- D. The employee shall submit an application for the plan on or before January 15 of the current school year, at the Board's discretion.

- E. The employee shall submit a written resignation resigning from the existing contract. The resignation may be contingent upon approval by the board of participation in the voluntary early retirement program.
- F. All applications for the Early Retirement Plan will be considered not later than the second regular Board meeting in January, and if more than the designated number allowed in Section A are received, the highest priority will be given to the teachers with the longest continuous teaching service in the District.
- G. An employee who meets the criteria in item “B”, but who has not completed a minimum of ten (10) consecutive years of service to the school district may apply for a prorated early retirement amount. Approval of such application by the board will be based on the best interests of the school district, and if a prorated amount is approved, the amount will be based on completed consecutive years of service at the time of the application for the Early Retirement Plan.
- H. The application for the Early Retirement Plan and the resignation must be approved by the board, which will authorize disbursement of the early retirement amount.
- I. Approval by the board of the licensed employee’s early retirement application shall constitute a voluntary resignation. Approval by the board of the licensed employee’s early retirement application will also make the licensed employee eligible for disbursement of the early retirement amount on January 20 of the school year following the licensed employee’s approval for early retirement. Failure of the board to approve the licensed employee’s early retirement application will make the licensed employee’s current contract with the board continue in full force and effect.

II. Voluntary Early Retirement Amount and Terms:

- A. An employee who meets one of the eligibility requirements will be eligible for the early retirement amount of \$15,000, plus an amount equal to 25% of the employee’s accumulated sick leave times the current daily substitute teacher pay rate. An employee whose contractual full-time equivalency (FTE) is less than 1.00 will be eligible for a prorated early retirement amount by multiplying the employee’s FTE by the applicable amount above.
- B. An employee agrees to participate in the “Special Pay Plan”. This plan allows payment of the early retirement amount to be paid to a Tax Shelter Annuity of the employee’s choice. This Tax Shelter Annuity must be with a company that participates in the State of Iowa Plan. If the employee is currently contributing to a Tax Shelter Annuity the

payment will be made to the same company. The employee agrees not to close out this account before the January payment is made.

- C. Upon retirement, the licensed employee is eligible to continue participation in the school district's group insurance plan at the licensed employee's expense by meeting the requirements of the insurer. The employee/retiree must pay the monthly premium amount in full to the board secretary prior to the due date of the school district's premium payment to the insurance carrier.

This insurance coverage will cease when the licensed employee/retiree qualifies for Medicare coverage, secures other employment in which the employer provides insurance coverage, or dies. If dependent insurance coverage is carried, that coverage may continue at the dependent's expense beyond the employee's/retiree's qualification for Medicare coverage under COBRA provisions.

In the event of the death of the employee/retiree, the dependent of the employee/retiree may continue coverage in the school district's group health insurance program at his/her own expense under COBRA provisions, if the dependent was covered through the school district's group health insurance program prior to the death of the employee/retiree.

- D. An employee who elects to participate in this program will become a retired employee and will be entitled to all rights and privileges of such a retiree under applicable laws and policies of the school district.
- E. Beneficiary. In the event of the death of the employee prior to the early retirement amount being paid, payment will be as follows:

Lump sum payment will be made to a designated beneficiary for the early retirement amount due to the employee on January 20 of the school year following the licensed employee's approval for early retirement.

In the event no beneficiary is named, payment shall be made to the estate of the employee on January 10 following the licensed employee's approval for early retirement.

The board has complete discretion to offer or not to offer an Early Retirement Plan for licensed employees and will review this policy annually. The board may discontinue the school district's Early Retirement Plan at any time.

401.6R2 - Support Staff Employee Early Retirement

I. Eligibility for Early Retirement Plan

The school district offers an Early Retirement Plan for full-time support staff employees. Full-time support staff employees are support staff employees who are eligible for full insurance coverage under the requirements of the insurer and who are currently performing their assigned duties within the school district. A support staff employee is eligible to participate in the Early Retirement Plan under the following terms:

- A. The number of applications for the Early Retirement Plan will be limited to no more than five (5) for a given fiscal year, unless the Board chooses to allow more than five (5).
- B. The Early Retirement Plan will be available to a support staff employee who is fifty-five (55) years of age by the start of the next school year.
- C. The Early Retirement Plan will be available to those who have completed their most recent ten (10) consecutive years of service in the Red Oak Community School District.
- D. The employee shall submit an application for the plan on or before January 30 of the current school year, at the Board's discretion.
- E. The employee shall submit a written resignation resigning from the existing contract. The resignation may be contingent upon approval by the board of participation in the voluntary early retirement program.
- F. All applications for the Early Retirement Plan will be considered not later than the first regular board meeting in February, and if more than the designated number allowed in Section A are received, the highest priority will be given to the employees with the longest continuous years of service in the District.
- G. An employee who meets the criteria in item "B", but who has not completed a minimum of ten (10) consecutive years of service to the school district may apply for a prorated early retirement amount. Approval of such application by the board will be based on the best interests of the school district, and if a prorated amount is approved, the amount will be based on completed consecutive years of service at the time of the application for the Early Retirement Plan.
- H. The application for the Early Retirement Plan and the resignation must be approved by the board, which will authorize disbursement of the early retirement amount.

- I. Approval by the board of the support staff employee's early retirement application shall constitute a voluntary resignation. Approval by the board of the support staff employee's early retirement application will also make the support staff employee eligible for disbursement of the early retirement amount on January 10 of the school year following the support staff employee's approval for early retirement. Failure of the board to approve the support staff employee's early retirement application will make the support staff employee's current contract with the board continue in full force and effect.

II. Voluntary Early Retirement Amount and Terms:

- A. A support staff employee who meets one of the eligibility requirements as stated in the policy will be eligible for the early retirement amount of approximately 45% of the beginning base pay for their job classification plus an amount equal to 25% of the employee's accumulated sick leave times the current daily substitute pay rate for that position. An employee whose contractual full-time equivalency (FTE) is less than 1.00 will be eligible for a prorated early retirement amount by multiplying the employee's FTE by the applicable amount above.
- B. An employee agrees to participate in the "Special Pay Plan". This plan allows payment of the early retirement amount to be paid to a Tax Shelter Annuity of the employee's choice. This Tax Shelter Annuity must be with a company that participates in the State of Iowa Plan. If the employee is currently contributing to a Tax Shelter Annuity the payment will be made to the same company. The employee agrees not to close out this account before the January payment is made.
- C. Upon retirement, the support staff employee is eligible to continue participation in the school district's group insurance plan at the support staff employee's expense by meeting the requirements of the insurer. The employee/retiree must pay the monthly premium amount in full to the board secretary prior to the due date of the school district's premium payment to the insurance carrier.

This insurance coverage will cease when the support staff employee/retiree qualifies for Medicare coverage, secures other employment in which the employer provides insurance coverage, or dies. If dependent insurance coverage is carried, that coverage may continue at the dependent's expense beyond the employee's/retiree's qualification for Medicare coverage under COBRA provisions.

In the event of the death of the employee/retiree, the dependent of the employee/retiree may continue coverage in the school district's group health insurance program at his/her own expense under COBRA provisions, if the dependent was covered through

the school district's group health insurance program prior to the death of the employee/retiree.

- D. An employee who elects to participate in this program will become a retired employee and will be entitled to all rights and privileges of such a retiree under applicable laws and policies of the school district.
- E. Beneficiary. In the event of the death of the employee prior to the early retirement amount being paid, payment will be as follows:
1. Lump sum payment will be made to a designated beneficiary for the early retirement amount due to the employee on January 10 of the school year following the support staff employee's approval for early retirement.
 2. In the event no beneficiary is named, payment shall be made to the estate of the employee on January 10 following the support staff employee's approval for early retirement.

The board has complete discretion to offer or not to offer an Early Retirement Plan for support staff employees and will review this policy annually. The board may discontinue the school district's Early Retirement Plan at any time.

401.6E1 - Licensed Employee Early Retirement Plan Acknowledgment of Receipt

The undersigned licensed employee acknowledges receipt of the Early Retirement Plan documents stated below, for the licensed employee's consideration:

- early retirement policy (plan description);
- early retirement application.

The undersigned licensed employee acknowledges that the application and participation in the Early Retirement Plan is entirely voluntary.

The undersigned licensed employee acknowledges that the school district recommends the licensed employee contact legal counsel and the employee's personal accountant regarding participation in the Early Retirement Plan.

Licensed Employee

Date

401.6E2 - Licensed Employee Early Retirement Plan Insurance Options

Board policy allows the employee to continue to participate in the school district's group health insurance plan until age 65 by meeting the requirements of the insurer.

The licensed employee is responsible for the cost of the health insurance premium. The licensed employee must pay the employee's share of the premium by paying the monthly premium amount in full to the board secretary prior to the due date of the school district's premium payment to the insurance carrier.

_____ I would like to remain on the school's health insurance policy. I will submit a check to the Central Office the first of each month. Failure to submit this check will result in loss of insurance coverage.

Plan selected: _____

_____ I wish NOT to remain on the school's health insurance policy when I am no longer an ACTIVE employee. (after all pay is received) COBRA option has been explained to me.

_____ I would like to remain on the school's dental insurance policy. I will submit a check to the Central Office the first of each month. Failure to submit this check will result in loss of dental insurance coverage.

Plan selected: _____

_____ I wish NOT to remain on the school's dental insurance policy when I am no longer an ACTIVE employee. (after all pay is received) COBRA option has been explained to me.

_____ I wish to receive all remaining pay for the _____ school year on June 10, 20__.
(Recommend you contact IPERS to discuss, if it is better for you to take all payment in June or to continue to receive checks during July and August. This varies from person to person)
If the employee participates in the TaxSaver Plan, the July and August monthly amounts will be deducted from the June 10, 20__ paycheck.

Licensed Employee

Date

401.6E3 - Licensed Employee Early Retirement Plan Application

The undersigned licensed employee is applying for early retirement pursuant to board policy. Please complete the following information:

(Full Legal Name of Licensed Employee)		(Social Security Number)
(Current Job Title)	(Date of Birth)	(Years of Consecutive Service)

Please attach a letter of resignation effective at the end of the current contract year.

The undersigned licensed employee acknowledges that application and participation in the Early Retirement Plan is entirely voluntary.

The undersigned licensed employee acknowledges that the early retirement amount will be paid on January 10 of the school year following the licensed employee's approval for early retirement.

The undersigned licensed employee acknowledges that the school district recommends that the licensed employee contact legal counsel and the employee's own personal accountant regarding participation in the Early Retirement Plan.

Should the licensed employee die prior to full payment of an early retirement amount, the licensed employee designates either the following individual as beneficiary or the licensed employee's estate.

	Beneficiary		Estate
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Beneficiary

Beneficiary Address

Licensed Employee

Date

Witness

Date

401.8 - Employee Suspension

Employees will perform their assigned job, respect and follow board policy, and obey the law. The superintendent is authorized to suspend an employee pending board action on a discharge, for investigation of charges against the employee, for reasons related to staff and student safety, and for disciplinary purposes. In the event of a suspension, appropriate due process will be followed. It is within the discretion of the superintendent to suspend an employee with or without pay.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

401.9 - Employee Dismissal

The superintendent or designee has authority to suspend the services of any employee, as permitted under law. The superintendent or designee shall make a recommendation to the board regarding the employee's employment with the district. The board shall take action whether or not to terminate the employee's employment with the district, as required and/or permitted under law.

The superintendent, the superintendent's designee and the board shall follow all applicable procedures and provide appropriate due process as required under the law and/or as required in a negotiated labor contract, if any.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

401.10 Employee Expression

The board believes the district has an interest in maintaining an orderly and effective work environment while balancing employees First Amendment rights to freedom of expression and diverse viewpoints and beliefs. When employees speak within their official capacity, their expression represents the district and may be regulated. The First Amendment protects a public employee's speech when the employee is speaking as an individual citizen on a matter of public concern. Even so, employee expression that has an adverse impact on district operations and/or negatively impacts an employee's ability to perform their job for the district may still result in disciplinary action up to and including termination.

Employees who use social media platforms are encouraged to remember that the school community may not be able to separate employees as private citizens, from their role within the district. Employee expression on social media platforms that interferes with the district's operations or prevents the district from functioning efficiently and effectively may be subject to discipline up to and including termination.

A district employee who acts to protect a student for engaging in free expression or who refuses to infringe on students engaging in free expression; and who is acting within the scope of their professional ethics will not be retaliated against or face any adverse employment action based on their behavior provided that expression is otherwise permitted by law and board policy.

If the board or court finds an employee that is subject to licensure, certification or authorization by the Board of Educational Examiners discriminated against a student or other co-employee, the board will refer the employee to the Board of Educational Examiners for additional proceedings as required by law and which may result in discipline up to and including termination.

Approved: February 14, 2022

Reviewed:

Revised:

401.11 Employee Use of Cell Phones

The use of cell phones and other communication devices may be appropriate to provide for the effective and efficient operation of the school district and to help ensure safety and

security of people and property while on school district property or engaged in school sponsored activities.

Employees may possess and use cell phones during the school day as outlined in this policy and as provided in the administrative regulation.

Employees are prohibited from using cell phones or personal electronic devices during instructional time and other duty times, including student supervision periods, staff development, and parent-teacher conferences, except in the case of an emergency or prior administrative approval for educational purposes. Employees may use cell phones or personal electronic devices during non-instructional times such as planning periods, lunch, or breaks, provided it does not disrupt the school environment.

Cell phones are not to be used for conversations involving confidential student or employee information.

Employees are prohibited from using cell phone or personal electronic devices while driving district vehicles or transporting students, except in the case of an emergency and any such use must comply with applicable state and federal law and district policies and regulations.

School bus drivers are prohibited from using any communication device while operating the bus except in the case of an emergency, or to call for assistance, after the vehicle has been stopped. Any such use must comply with applicable state and federal law and district policies and regulations.

Employees violating the policy will be subject to discipline, up to and including, discharge. It is the responsibility of the superintendent to develop administrative regulations regarding this policy.

Approved: July 16, 2025

Reviewed:

Revised:

401.11R1 - Employee Use of Cell Phone Regulation

Cell phone Usage

Cell phones shall be used in a manner that does not disrupt instruction and should not be used during school-sponsored programs, meetings, in-services, or other events where

there exists a reasonable expectation of quiet attentiveness unless there is a reason of personal health or safety involved.

Cell phones should not be used to transmit confidential student or personal information either verbally or written.

Employees are prohibited from using a cell phone while driving as part of their work duties, unless in the case of an emergency, unless the vehicle has come to a complete stop and the gear is in park.

402.1 - Employee Conflict of Interest

Employees' use of their position with the school district for financial gain is considered a conflict of interest with their position as employees and may subject employees to disciplinary action.

Employees have access to information and a captive audience that could award the employee personal or financial gain. ~~No employee may solicit other employees or students for personal or financial gain to the employee~~ without the approval of the superintendent. If the approval of the superintendent is given, the employee must conduct the solicitations within the conditions set by the superintendent. Further, the superintendent may, upon five days' notice, require the employee to cease such solicitations as a condition of continued employment.

Employees will not act as an agent or dealer for the sale of textbooks or other school supplies. Employees will not participate for personal financial remuneration in outside activities wherein their position on the staff is used to sell goods or services to students or to parents. Employees will not engage in outside work or activities where the source of information concerning the customer, client or employer originates from information obtained because of the employee's position in the school district.

It will also be a conflict of interest for an employee to engage in any outside employment or activity which is in conflict with the employee's official duties and responsibilities. In determining whether outside employment or activity of an employee creates a conflict of interest, situations in which an unacceptable conflict of interest is deemed to exist will include, but not be limited to, any of the following:

1. The outside employment or activity involves the use of the school district's time, facilities, equipment and supplies or the use of the school district's badge, uniform, business card or other evidences of office to give the employee or the employee's

immediate family an advantage or pecuniary benefit that is not available to other similarly situated members or classes of members of the general public. For purposes of this section, a person is not “similarly situated” merely by being related to an employee who is employed by the school district.

2. The outside employment or activity involves the receipt of, promise of, or acceptance of more or other consideration by the employee or a member of the employee’s immediate family from anyone other than the school district for the performance of any act that the employee would be required or expected to perform as part of the employee’s regular duties or during the hours during which the employee performs service or work for the school district.
3. The outside employment or activity is subject to the official control, inspection, review, audit or enforcement authority of the employee during the performance of the employee’s duties.

If the outside employment or activity is employment or activity in (1) or (2) above, the employee must cease the employment of or activity. If the activity or employment falls under (3), then the employee must:

- Cease the outside employment or activity; or
- Publicly disclose the existence of the conflict and refrain from taking any official action or performing any official duty that would detrimentally affect or create a benefit for the outside employment or activity. Official action or official duty includes, but is not limited to, participating in any vote, taking affirmative action to influence any vote, or providing any other official service or thing that is not available generally to members of the public in order to further the interests of the outside employment or activity.

When procurement is supported by Federal Child Nutrition funds, employees will not participate in the selection, award, or administration of a contract if there is a real or apparent conflict of interest in the contract. Contract, for purposes of this paragraph, includes a contract where the employee, employee’s immediate family, partner, or a non-school district employer of these individuals is a party to the contract.

It is the responsibility of each employee to be aware of and take the necessary action to eliminate a potential conflict of interest should it arise.

Approved: July 25, 2018
Reviewed: ~~February 14, 2022~~
Revised: July 25, 2018

402.14 - Required Professional Development for Employees

Appropriate training and professional development of all employees is crucial to the success of all students. The district will provide professional development opportunities appropriate to the duties of school employees.

For all professional development programs the district requires employees to take, the district will provide to the employee notice indicating the section of the law, or rules adopted by the state board of education or board of educational examiners that the district determines requires the employee to participate in the professional development program.

Approved: November 29, 2024

Reviewed:

Revised:

402.2 – Nepotism

Nepotism is patronage bestowed or favoritism shown on the basis of family relationship. More than one family member may be an employee of the district. The decision to employ more than one individual in a family shall be made on the basis of each individual's qualifications and credentials.

No district employee shall be involved in hiring a family member. No district employee shall serve in a supervisory capacity over one of their family members who is a contracted employee of the district. No district employee shall attempt to influence the evaluation or conditions of employment of the employee's family member with anyone who serves in a supervisory capacity over that family member.

Family members for purposes of this policy include husbands, wives, mothers, fathers, mothers-in-law, fathers-in-law, sisters, brothers, sisters-in-law, brothers-in-law, daughters, sons, daughters-in-law, and sons-in-law.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: July 25, 2018

402.3 - Employee Harassment

The district prohibits any and all forms of harassment including that which is based on an individual's age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information.

It shall be a violation of this policy for any teacher, administrator, or other school personnel of the district to harass a teacher, administrator, or other school personnel through conduct or communication of a sexual nature or regarding an individual's age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information, as defined by this policy. For purposes of this policy, school personnel include Board members, school employees, agents, volunteers, contractors, or persons subject to the supervision and control of the district.

It shall also be a violation of this policy for any teacher, administrator or other school personnel of this district to tolerate sexual harassment or harassment because of an individual's age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information by a teacher, administrator, other school personnel, or by any third parties who are participating in, observing, or otherwise engaging in activities under the direction of the district. Any teacher, administrator, or other school personnel who has knowledge or belief that an individual has or may have been the victim of prohibited harassment is required to immediately report the alleged acts to an appropriate district official designated by this policy. Failure to report the harassing conduct could result in discipline, up to and including termination, for the teacher, administrator, or other school personnel who failed to report.

The district will act to promptly investigate all complaints, either formal or informal, verbal or written, of harassment and to promptly take appropriate action to protect individuals from further harassment. If the district determines that unlawful harassment has occurred, it shall promptly and appropriately discipline any teacher, administrator or other school personnel who is found to have violated this policy, up to and possibly including termination, and/or take other appropriate action reasonably calculated to end the harassment.

II. Definitions

- A. Sexual Harassment: Sexual harassment consists of unwelcome and unsolicited sexual advances, requests for sexual favors, sexually motivated physical conduct, or other verbal, physical, or written conduct or communication of a sexual nature when:
- submission to that conduct or communication by an individual is made a term or condition, either explicitly or implicitly, of obtaining or retaining employment;

- submission to or rejection of that conduct or communication by an individual is used as a factor in decisions affecting the individual's employment; or
- that conduct or communication has the purpose or effect of substantially or unreasonably interfering with an individual's employment or education, or creating an intimidating, hostile or offensive employment environment.

Examples of conduct that may constitute sexual harassment may include, but are not limited to:

1. unwelcome verbal harassment or abuse, or unwelcome written harassment or abuse, including through the Internet or e-mail;
 2. unwelcome sexual advances or pressure for sexual activity;
 3. unwelcome, sexually motivated or inappropriate patting, pinching, or physical contact, other than necessary restraint of students by teachers, administrators or other school personnel to avoid physical harm to persons or property;
 4. unwelcome sexual behavior or words, including demands for sexual favors, accompanied by implied or overt threats concerning an individual's employment status or implied or overt promises of preferential treatment with regard to an individual's employment status;
 5. unwelcome behavior or words directed at an individual because of gender;
 6. coercing, forcing or attempting to coerce or force the touching of anyone's intimate parts;
 7. coercing, forcing or attempting to coerce or force sexual intercourse or a sexual act on another;
 8. threatening to force or coerce sexual acts, including the touching of intimate parts or intercourse, on another;
 9. graffiti of a sexually offensive nature;
 10. sexual gestures or jokes; or
 11. spreading rumors about or rating other individuals as to sexual activity or performance.
- B. Harassment: Other forms of harassment consist of physical, verbal, or written conduct relating to an individual's age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information when the conduct:
1. has the purpose or effect of creating an intimidating, hostile or offensive employment environment;
 2. has the purpose or effect of substantially or unreasonably interfering with an individual's employment performance; or
 3. otherwise adversely affects an individual's employment opportunities.

Examples of conduct that may constitute harassment based on age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information include, but are not limited to:

1. threatening or intimidating conduct directed at others because of age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information, including through the Internet or e-mail;
2. slurs, negative stereotypes and hostile acts based on age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information;
3. graffiti containing offensive language that is derogatory to others because of their age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information;
4. written or graphic material containing comments or stereotypes which is posted or circulated (including through e-mail or the Internet) and which is aimed at degrading individuals because of age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information; or
5. a physical act of aggression or assault upon another because of, or in a manner reasonably related to, the individual's age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, disability, or genetic information.

III. Reporting Procedures

Any individual who believes he or she has been the victim of harassment by a teacher, administrator or other school personnel of the district, or by any other person who is participating in, observing, or otherwise engaging in activities under the direction of the district, is encouraged to report the alleged act immediately to the individual's building principal or the district's Equity Coordinator.

Any teacher, administrator, or other school personnel who has knowledge or belief that an individual has or may have been the victim of prohibited harassment is required to immediately report the alleged acts to the individual's building principal or the district's Equity Coordinator. Failure to report the harassing conduct could result in discipline, up to and including termination, for the teacher, administrator, or other school personnel who failed to report.

Any other person with knowledge or belief that an individual has or may have been the victim of prohibited harassment is encouraged to immediately report the alleged acts to the appropriate building principal or the district's Equity Coordinator.

The district encourages the reporting party or complainant to use the report form available from the principal of each building and available from the district office, but oral reports shall be considered complaints as well. Nothing in this policy shall prevent any person from reporting harassment or violence directly to the district's Equity Coordinator.

The Board hereby designates the Equity Coordinator as the individual responsible for identifying, investigating, preventing, and remedying harassment within the district. The district shall conspicuously post the name of the Equity Coordinator, including mailing addresses and telephone numbers.

IV. Investigation Procedures

By authority of the Board, the Equity Coordinator, upon receipt of a report or complaint alleging prohibited harassment, shall immediately undertake or authorize an investigation. The investigation may be conducted by district officials or by a third party designated by the district.

The district may take immediate steps, at its discretion, to protect the complainant, students, teachers, administrators or other school personnel pending completion of an investigation of alleged harassment.

The investigation will be completed as soon as practicable. The investigator shall make a written report to the Equity Coordinator or designee upon completion of the investigation, which shall include a determination of whether the allegations have been substantiated as factual and whether they appear to be violations of this policy. Whether a particular action or incident constitutes a violation of this policy requires a determination based on all the facts and surrounding circumstances.

V. District Action

The district will take appropriate action following a finding that a violation of this policy has occurred. Such action may include, but is not limited to: warning, suspension, exclusion, expulsion, transfer, remediation, reprimand, termination or discharge, counseling, training, or mentoring. District action taken for violation of this policy will be consistent with requirements of applicable collective bargaining agreements, state and federal law, and district policy.

VI. Prohibition on Retaliation

Retaliation against an individual because the individual has filed a harassment complaint or assisted or participated in a harassment investigation or proceeding is prohibited. Any teacher, administrator, or other school personnel shall not engage in reprisal, retaliation, harassment, or false accusation against a victim, witness, or an individual who has reliable

information, about such an act of harassment. The superintendent/designee has the right to discipline individuals who knowingly file false harassment complaints or otherwise act in bad faith during a complaint/investigative process. An individual who is found to have retaliated against another in violation of this regulation will be subject to disciplinary action, up to and possibly including termination.

VII. Right to Alternative Complaint Procedures

These procedures do not deny the right of any individual to pursue other avenues of recourse which may include filing charges with the Iowa Civil Rights Commission, 211 E. Maple, Des Moines, Iowa, 50309, (515) 281-4121, or the U.S. Department of Education, Office for Civil Rights, Citigroup Center, 500 W. Madison Street, Suite 1475, Chicago, IL 60661-4544, (312) 730-1560. Any inquiry or complaint to a state or federal office may be done instead of, or in addition to, an inquiry or complaint at the local level.

Approved: July 25, 2018

Reviewed: ~~February 14, 2022~~

Revised: March 14, 2022

402.4 - Employee Records

The school district will maintain personnel records on employees. The records are important for the daily administration of the educational program, for implementing board policy, for budget and financial planning, and for meeting state and federal requirements.

The records will include, but not be limited to, records necessary for the daily administration of the school district, salary records, evaluations, application for employment, references, and other items needed to carry out board policy. Employee personnel files are school district records and are considered confidential records and therefore are not generally open to public inspection or accessibility. Only in certain limited instances, when the employee has given a signed consent, will employee personnel records be accessible to individuals other than the employee or authorized school officials.

Employees may have access to their personnel files, with the exception of confidential letters of reference, and copy items from their personnel files at a time mutually agreed upon between the superintendent and the employee. The school district may charge a reasonable fee for each copy made. However, employees will not be allowed access to the employment references written on behalf of the employee. Board members will generally

only have access to an employee's file when it is necessary because of an employee related matter before the board.

It is the responsibility of the superintendent to keep employees' personnel files current. The board secretary is the custodian of employee records.

It is the responsibility of the superintendent to develop administrative regulations for the implementation of this policy.

Approved: July 25, 2018

Reviewed: ~~February 14, 2022~~

Revised: March 14, 2022

402.4R1 - Employee Records Regulation

Employee Personnel Records Contents

1. Employee personnel records may contain the following information:
 - Personal information including, but not limited to, name, address, telephone number, emergency numbers, birth date and spouse;
 - Application, resume and references, except those that shall be kept confidential according to state and federal law;
 - Educational transcripts;
 - Copy of the employee's license or certificate, if needed for the position;
 - Individual employment contract;
 - Job description and/or assignment;
 - Salary information;
 - Tax documents, including, but not limited to IRS Form W-4;
 - Written attendance records;
 - Evaluation documents;
 - Complaints;
 - Performance improvement plans;
 - Documents concerning any raise, promotion, pay decrease or demotion;
 - Records of disciplinary matters;
 - Receipts and/or acknowledgements of any employee-related material, including policies and handbooks;
 - Letters of termination and/or resignation;
 - Documentation relating to an employee's unemployment benefits; and

- Documentation relating to an employee's employment ceasing.
2. Employee health and medical records are kept in a file separate from the employee's personnel records. Health and medical records may contain, but are not limited to:
 - Medical professional signed physical form;
 - Sick or long-term disability leave days;
 - Worker's compensation claims;
 - Reasonable accommodation made by the school district to accommodate the employee's disability;
 - Employee's medical history, including, but not limited to, medical records and/or notes;
 - Employee emergency names and numbers; and
 - Family and medical leave request forms.
 3. Employee immigration forms, specifically Form I-9, are kept separate from employee personnel records, and may be kept in a file that houses all employees' immigration forms for the U.S. Citizenship and Immigration Services.

Applicant File Records Content

Records on applicants for positions with the school district are maintained in the central administration office. The records will include, but not be limited to:

Application for employment;

- Resume;
- References, except those that shall be kept confidential according to state and federal law;
- Evidence of appropriate license or certificate, if necessary for the position for which the individual applied; and
- Affirmative action form, if submitted.

Record Access

The Board shall allow current and former employees access to their files pursuant to state and federal law.

Only authorized school officials will have access to an employee's records without the written consent of the employee. Authorized school officials may include, but not be limited to, the superintendent, building principal, or board secretary. In the case of a medical emergency, the school nurse or other first aid or safety personnel may have access to the employee's health or medical file without the consent of the employee. Board members will generally only have access to an employee's personnel file without the consent of the employee when necessary for the conducting of board business.

The general public may have access to an employee's personnel records and/or personnel information as permitted by law. Specifically, the general public may have access to the following information:

- An employee's name and compensation, including any written agreement establishing compensation or any other terms of employment excluding any information otherwise protected under the law.

Compensation means payment of, or agreement to pay, any money, thing of value, or financial benefit conferred in return for labor or services rendered by an official, officer or employee plus the value of benefits conferred including but not limited to casualty, disability, life, or health insurance, other health or wellness benefits, vacation leave, holiday leave, sick leave, severance payments, retirement benefits, and deferred compensation.

- The dates the employee was employed by the district.
- The positions the employee holds or has held with the district.
- The educational instructions attended by the employee, including any diplomas and degrees earned, and the names of the employee's previous employers, positions previously held, and dates of previous employment.
- The fact that the individual resigned in lieu of termination, was discharged, or was demoted as the result of a disciplinary action, and the documented reasons and rationale for the resignation in lieu of termination, the discharge, or the demotion.

Employee Record Retention

All employee records, except payroll and salary records, are maintained for a minimum of seven years after termination of employment with the district. Applicant records are maintained for minimum of seven years after the position was filled. Payroll and salary records are maintained for a minimum of three years after payment.

402.5 - Transporting of Student by Employees

Employees who transport students for school purposes must have the permission of the superintendent. Generally, transportation of students is in a motor vehicle owned by the school district and driven by an employee. In some cases, it may be more economical or efficient for the school district to allow an employee of the school district to transport the students in the employee's motor vehicle. Employees must have insurance and license on file at the Red Oak Administrative office.

Individuals transporting students for school purposes in private vehicles must have the permission of the superintendent and meet all applicable requirements set by the district. Prior to transporting students in private vehicles, the district may require the following:

- The vehicle used to transport the student(s) is in good condition and meets all applicable safety requirements;
- The driver transporting the student(s) possesses a valid drivers' license; and
- Proof of insurance has been supplied to the superintendent and the insurance satisfies the minimum coverage requirements for driving personal vehicles in the State of Iowa.

The school district assumes no responsibility for those students who have not received the approval of the superintendent and who ride in private vehicles for school purposes. If transportation is not provided by the school district, or if transportation provided by the school district is declined by the student or parent/guardian, then the responsibility and corresponding liability for transportation for school purposes shall rest solely with the student and parent/guardian.

This policy statement applies to transportation of students for school purposes in addition to the regular bus route transporting students to and from their designated attendance center.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

402.6 - Employee Travel Compensation

Employees traveling on behalf of the school district and performing approved school district business will be reimbursed for their actual and necessary expenses. Actual and necessary travel expenses will include, but not be limited to, transportation and/or mileage costs, lodging expenses, meal expenses and registration costs.

Travel Outside the School District

Travel outside of the school district must be pre-approved. Pre-approval will include an evaluation of the necessity of the travel, the reason for the travel and an estimate of the cost of the travel to qualify as approved school district business. Travel outside the school district by employees, other than the superintendent, is approved by the superintendent.

Reimbursement for actual and necessary expenses will be allowed for travel outside the school district if the employee received pre-approval for the travel. Prior to reimbursement of actual and necessary expenses, the employee must provide the school district with a detailed receipt, other than a credit card receipt, indicating the date, purpose and nature of the expense for each claim item. In exceptional circumstances, the superintendent may allow a claim without proper receipt. Written documentation explaining the exceptional circumstances is maintained as part of the school district's record of the claim.

Failure to have a detailed itemized receipt will make the expense a personal expense. Personal expenses, including mileage, in excess of that required for the trip are reimbursed by the employee to the school district no later than 10 working days following the date of the expense.

Reimbursement for actual and necessary expenses for travel outside the school district will be limited to the pre-approved expenses. Pre-approved expenses for registration are limited to the actual cost of the registration.

Pre-approved expenses for transportation within three-hundred miles of the school district administrative office will be by automobile. If a school district vehicle is not available, the employee will be reimbursed at the mileage rate determined by the ~~board~~ Internal Revenue Service standard mileage rate. Pre-approved expenses for transportation outside of three-hundred miles of the school district administrative office may be by public carrier. Reimbursement for air travel will be at the tourist class fares. Should an employee choose to travel by automobile, reimbursement will be limited to the public carrier amount. Pre-approved expenses for transportation in a rental car is limited to the cost of a Class "C" rental car at a medium priced agency unless the number of people traveling on behalf of the school district warrants a larger vehicle. Travel costs for a spouse or anyone other than the district employee shall be a personal expense not reimbursed by the district.

Travel Within the School District

Employees required to travel in their personal vehicle between school district buildings to carry out the duties of their position may be reimbursed at the mileage rate determined by the ~~board~~ Internal Revenue Service standard mileage rate. It is the responsibility of the superintendent to approve travel within the school district by employees. It is the responsibility of the board to review the travel within the school district by the superintendent through the board's audit and approval process.

Employees who are allowed an in-school district travel allowance will have the amount of the allowance actually received during each calendar year included on the employee's W-2 form as taxable income according to the Internal Revenue Code.

Use of District-Owned Vehicles

Certain district employment positions may require regular and extensive travel. Due to the required duties of these positions, the district may provide certain positions with use of district-owned vehicles. Employees who utilize district-owned vehicles during the course of their job duties are fulfilling the public purpose of meeting the needs of the educational community in an efficient, and time-sensitive manner. District-owned vehicles are purchased and maintained with public money and must be used strictly in accordance with fulfilling a public purpose. These vehicles represent the district in carrying out its educational mission. Therefore, district-owned vehicles will be clearly marked at all times to identify the district.

The superintendent is responsible for developing administrative regulations regarding actual and necessary expenses, in-school district travel allowances and assignment of school district vehicles. The administrative regulations will include the appropriate forms to be filed for reimbursement to the employee from the school district and the procedures for obtaining approval for travel outside of and within the school district.

Approved: July 25, 2018

Reviewed: ~~February 14, 2022~~

Revised: March 14, 2022

402.6R1 - Employee Travel Compensation/Mileage

Pre-approved expenses for transportation within three-hundred miles of the school district administrative office will be by automobile. If a school district vehicle is not available, the employee will be reimbursed at the federal reimbursement rate on July 1st of that fiscal year. The superintendent may allow an employee to drive their own vehicle and receive reimbursement in certain situations. Pre-approved expenses for transportation outside of three-hundred miles of the school district administrative office may be by public carrier. Reimbursement for air travel will be at the tourist class rates. Should an employee choose to travel by automobile, reimbursement will be limited to the public carrier amount. Pre-approved expenses for transportation in a rental car is limited to the cost of a Class "C" rental car at a medium priced agency unless the number of people traveling on behalf of the school district warrants a larger vehicle.

402.7 - Employee Credit Cards

Employees may use school district credit cards for the actual and necessary expenses incurred in the performance of work-related duties. Actual and necessary expenses incurred in the performance of work-related duties include, but are not limited to travel expenses related to professional development or fulfillment of required job duties, fuel for school district transportation vehicles used for transporting students to and from school and for school-sponsored events, payment of claims related to professional development of the board and employees, and other expenses required by employees and the board in the performance of their duties.

Employees and officers using a school district credit card must submit a detailed itemized receipt in addition to a credit card receipt indicating the date, purpose and nature of the expense for each claim item. Failure to provide a proper receipt will make the employee responsible for expenses incurred. Those expenses are reimbursed to the school district no later than ten working days following use of the school district's credit card. In exceptional circumstances, the superintendent or board may allow a claim without proper receipt. Written documentation explaining the exceptional circumstances is maintained as part of the school district's record of the claim.

The school district may maintain a school district credit card for actual and necessary expenses incurred by employees and officers in the performance of their duties. The superintendent may maintain a school district credit card for actual and necessary

expenses incurred in the performance of the superintendent's duties. The transportation director may maintain a school district credit card for fueling school district transportation vehicles in accordance with board policy.

It is the responsibility of the superintendent to determine whether the school district credit card use is for appropriate school business. It is the responsibility of the board to determine through the audit and approval process of the board whether the school district credit card use by the superintendent and the board is for appropriate school business.

If an employee or officer uses a school district credit card for personal purchases/transactions in violation of this policy, the cost of such purchases/transactions will be the financial responsibility of that employee or officer and the employee or officer will be expected to reimburse the district for the full amount of the unauthorized purchase/transaction. In addition to financial responsibility for any purchases/transactions an employee makes with a company credit card in violation of this policy, such actions may result in revocation of card privileges and/or disciplinary or other legal action, depending upon the severity and nature of the offense.

Approved: July 25, 2018

Reviewed: ~~February 14, 2022~~

Revised: March 14, 2022

402.8 - Recognition for Service of Employees

The board recognizes and appreciates the service of its employees. Employees who retire or resign may be honored by the board, administration and staff in an appropriate manner.

If the form of honor thought appropriate by the administration and employees involves unusual expense to the school district, the superintendent will seek prior approval from the board.

Approved: July 25, 2018

Reviewed: ~~February 14, 2022~~

Revised: March 14, 2022

402.9 - Employee Professional Development

The board encourages licensed employees to attend and participate in professional development activities to maintain, develop, and extend their skills. The board will maintain and support an in-service program for licensed employees. Professional development activities will include activities that promote and/or teach about compliance with applicable Iowa laws.

For all professional development programs the district requires employees to take, the district will provide to the employee notice indicating the section of the law, or rules adopted by the State Board of Education or the Bureau of Educational Examiners that the district determines requires the employee to participate in the professional development program.

Requests for attendance or participation in a development program, other than those development programs sponsored by the school district is made to the superintendent. Approval of the superintendent must be obtained prior to attendance by a licensed employee in a professional development program when the attendance would result in the licensed employee being excused from their duties or when the school district pays the expenses for the program.

The superintendent will have sole discretion to allow or disallow licensed employees to attend or participate in the requested event. When making this determination, the superintendent will consider the value of the program for the licensed employee and the school district, the effect of the licensed employee's absence on the education program and school district operations and the school district's financial situation as well as other factors deemed relevant in the judgment of the superintendent. Requests that involve unusual expenses or overnight travel must also be approved by the board.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

402.10 - Employee Tutoring

Every effort will be made by the licensed employees to help students with learning problems before recommending that the parents engage a tutor. Since there are exceptional cases when tutoring will help students overcome learning deficiencies, tutoring by licensed employees may be approved by the superintendent.

Licensed employees may only tutor students other than those for whom the teacher is currently exercising teaching, administrative or supervisory responsibility unless approved by the superintendent. Licensed employees may only tutor students to the extent permitted by any state or federal laws or state or federal regulatory agencies, including the Iowa Board of Educational Examiners.

Tutoring for a fee may not take place within school facilities or during regular school hours.

Approved: July 25, 2018
Reviewed: ~~February 14, 2022~~
Revised: March 14, 2022

402.11 - Employee Publication or Creation of Materials

Materials and/or products created by employees and the financial gain therefrom are the sole and exclusive property of the school district if any school funding, school materials, or school time were used in their creation and/or if such materials were created in the scope of the employee's employment. The employee must seek prior written approval of the superintendent concerning such activities.

Approved: July 25, 2018
Reviewed: ~~February 14, 2022~~
Revised: March 14, 2022

402.12 - Employee Political Activity

Employees will not engage in political activity upon property under the jurisdiction of the board including the use of school email accounts. Activities including, but not limited to, posting of political circulars or petitions, the distribution of political circulars or petitions, the collection of or solicitation for campaign funds, solicitation for campaign workers, use of district e-mail to originate messages of support for a particular candidate or issue, and the use of students for writing or addressing political materials, or the distribution of such materials to or by students are specifically prohibited.

Violation of this policy may be grounds for disciplinary action, up to and including termination.

Approved: July 25, 2018
Reviewed: ~~February 14, 2022~~

Revised: March 14, 2022

402.13 - Employee Complaints

Complaints of employees against fellow employees should be discussed directly between employees. If necessary, complaints will be brought directly to the immediate supervisor, principal or superintendent and will be made in a constructive and professional manner. Complaints will never be made in the presence of other employees, students or outside persons.

If the matter is not satisfactorily resolved by the superintendent, the employee may ask to have the matter placed on the board agenda of a regularly scheduled board meeting in compliance with board policy. The board retains discretion as to whether to consider or take action on any complaint.

Approved: July 25, 2018

Reviewed: February 14, 2022

Revised: March 14, 2022

403.3 - Abuse of Students by School District Employees

Physical or sexual abuse of students, including but not limited to sexual or physical relationships, grooming behavior, and otherwise inappropriate relationships with students ~~inappropriate and intentional sexual behavior~~, by employees will not be tolerated. The definition of employees for the purpose of this policy includes not only those who work for pay but also those who are volunteers of the school district under the direction and control of the school district. Employees found in violation of this policy will be subject to disciplinary action, up to and including termination.

The school district will respond promptly to allegations of abuse of students by school district employees by timely reporting to all relevant agencies as required by law. ~~investigating or arranging for the investigation of an allegation~~. The processing of a complaint or allegation will be handled confidentially to the maximum extent possible. Employees are required to assist in the investigation when requested to provide information and to maintain the confidentiality of the reporting and investigation process. If the Iowa Department of Health and Human Services reports to the board of directors of the district that an allegation of abuse of a student has been made against a school employee, the district will place the employee on administrative leave until the resolution of the investigation. The employee will be prohibited from entering school property while on administrative leave.

~~The school district has appointed a Level I investigator and alternate Level I investigator. The school district has also arranged for a trained, experienced professional to serve as the Level II investigator. The Level I investigator and alternate will be provided training in the conducting of an investigation at the expense of the school district. The names of the investigators are listed in the student handbook, published annually in the local newspaper and posted in all school facilities.~~

The superintendent is responsible for drafting administrative regulations to implement this policy.

Approved: July 25, 2018

Reviewed: ~~May 23, 2022~~

Revised: ~~May 23, 2022~~

UTV/Snow Blade Quotes-September 2025

Whipp Sales
Clarinda, IA

2025 Ranger 1000 (60 HP, 2,500 towing capacity) **\$24,850.00**

Poly Doors, Flip Windshield, Heater, Pro Series Blade (Steel), Power Blade Control, Power Blade Angle, Winch

RJ Powersports
Fort Dodge, IA

2025 Polaris Ranger 1000 Premium (82 HP, 2,500 towing capacity) **\$23,417.71**

Poly Doors, Flip Windshield, Heater, 72" Poly Blade, Power Blade Control, Power Plow Control, Power Blade Angle, Winch

Edwards Motorsports
Council Bluffs, IA

2025 Polaris Ranger 1000 EPS (61 HP, 2,500 towing capacity) **\$23,678.78**

Poly Doors, Fixed Windshield, Heater, 72" Poly Blade, Winch

Olson Outdoor
Atlantic, IA

2026 Can-Am Defender HD9 (65 HP, 2,500 towing capacity) **\$21,000.00**

Poly Doors, Fixed Windshield, Heater, 72" Poly Blade, Winch

RED OAK COMMUNITY SCHOOLS



"Excellence for All... Whatever it Takes!"

Red Oak Community Schools Talented and Gifted Plan

**Parent-Student Handbook
2025-2026**

(Revised 2025)

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Gifted and Talented Educational Staff

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TAG PROGRAM MISSION, RATIONALE & BELIEFS

Mission

Red Oak Community Schools is committed to an educational program that recognizes the unique value, needs and talents of each individual student. Red Oak's Talented and Gifted (TAG) program for gifted and talented students strives to create a positive environment in which each student has the opportunity to develop higher level critical and creative thinking skills, participate in differentiated activities and/or accelerated programs based on individual needs and interests and meets the cognitive and affective needs of gifted students. Our program strives to enhance a healthy self-concept in order to become a self-directed learner who fully appreciates and utilizes personal potential.

Rationale & Beliefs

Red Oak Community Schools believes the educational needs of the vast majority of students can be met through the core curriculum. However, specific small populations of students require supplemental curricular experiences to facilitate learning. All students deserve the opportunity to develop to their full potential; talented and gifted students deserve no less. Students whose estimated potentials differ significantly from the average have educational needs that are unlikely to be served by the regular curriculum. Investing in appropriate education for the gifted will yield returns in the long term. Ignoring the need of these students would be to condone under achievement and waste a valuable resource in our nation. It is because of these reasons the Red Oak Community School chooses to identify and provide a differentiated and/or accelerated program for students who display talented and gifted behavior.

- We believe that every gifted learner has a right to be challenged every day.
- We believe that gifted learners need opportunities to explore their passions and interests.

- We believe that gifted learners have unique social/emotional needs.
- We believe that gifted learners learn best in the company of their intellectual peers.
- We believe that there must be time in the school day for creativity.
- We believe that gifted learners require qualitatively differentiated curriculum and instruction that includes, but is not limited to, increased rigor and appropriate pace.

PERFORMANCE MEASURES AND GOALS

Performance Measures

Kindergarten: Students with gifts and talents demonstrate growth in social and emotional and psychosocial skills necessary for achievement in their domain(s) of talent and/or areas of interest.

1st Grade: Students with gifts and talents become independent investigators.

2nd Grade: Students with gifts and talents demonstrate yearly progress commensurate with ability as a result of a continuum between gifted, general, special and related professional services, including outside of school learning specialists and advocates.

3rd Grade: Students with gifts and talents demonstrate growth in social and emotional and psychosocial skills necessary for achievement in their domain(s) of talent and/or areas of interest.

4th Grade: Students with gifts and talents become independent investigators.

5th Grade: Students with gifts and talents demonstrate yearly progress commensurate with ability as a result of a continuum between gifted, general, special and related professional services, including outside of school learning specialists and advocates.

6th Grade: Students with gifts and talents demonstrate their potential or level of achievement in their domain(s) of talent and/or areas of interest.

7th Grade: Students with gifts and talents recognize their interests, strengths, and needs in cognitive, creative, social, emotional, and psychological areas.

8th Grade: Students with gifts and talents identify future career goals that match their interests and strengths. Students determine resources needed to meet those goals (e.g., supplemental educational opportunities, mentors, financial support).

9th Grade: Students with gifts and talents demonstrate their potential or level of achievement in their domain(s) of talent and/or areas of interest.

10th Grade: Students with gifts and talents identify future career goals that match their interests and strengths. Students determine resources needed to meet those goals (e.g., supplemental educational opportunities, mentors, financial support).

11th Grade: Students with gifts and talents recognize their interests, strengths, and needs in cognitive, creative, social, emotional, and psychological areas.

12th Grade: Students with gifts and talents identify future career goals that match their interests and strengths. Students determine resources needed to meet those goals (e.g., supplemental educational opportunities, mentors, financial support).

Student Learning Outcomes

Goal 1: The student will comprehend his/her own abilities in relationship to self and society.

1. The student will reflect on self-expectations and those of others.
2. The student will explore his/her interests and talents through independent projects.
3. The student will set and evaluate goals based on abilities, performance, interests and personality.

Goal 2: The student will develop more positive self-concepts and self-esteem.

1. The student will learn to recognize perfectionism and learn to take risks even when outcomes are uncertain.
2. The student will learn to recognize stress and explore coping techniques.
3. The student will develop time management strategies.

Goal 3: The student will develop skills appropriate to interact effectively with peers, siblings, parents and other adults.

1. The student will learn strategies to develop friendships.
2. The student will develop empathy and sensitivity for others.
3. The student will develop appropriate ways to interact with authority.

Goal 4: The student will participate in activities that facilitate the cognitive, social and emotional development of the individual.

1. The student will increase knowledge in a variety of areas through specialized units, projects and competitions.
2. The student will gain social skills by working in teams.
3. The student will grow in confidence through varied presentations.

Goal 5: The student will develop critical thinking and problem-solving skills.

1. The student will learn higher order thinking skills.
2. The student will learn to reason logically using deductive methods.
3. The student will learn to infer and draw reasonable conclusions.

Goal 6: The student will develop creative and divergent thinking.

1. The student will develop flexibility in thinking and in behavior in order to adapt to different circumstances.
2. The student will learn elaboration skills in thinking and communication.
3. The student will learn to think independently and create original products.

Goal 7: The student will use his/her abilities to help others and implement changes in the community.

1. The student will participate in service projects.
2. The student will use his/her talents to plan and implement service-learning projects.
3. The student will use critical thinking and presentational skills to research, design and present a community based project.

DIFFERENTIATED PROGRAM OVERVIEWS

K-1 Enrichment Overview

K-1 Tiger Talent Development is designed to identify and recognize student potential, gather and share data, and collaborate with classroom teachers and the TAG Coordinator. The intent is not to produce formal identification of students at this time in their school careers, but rather to recognize and challenge students when and where it is appropriate. Participation in the Tiger Talent Development group does not guarantee placement in the TAG program in later years.

Students K-1 may also have the opportunity to participate in large group enrichment lessons co-taught by the grade level teacher and the TAG teacher.

2-6 Program Overview

Beginning in 2nd grade, students are formally identified as Talented and Gifted (TAG). The identification is based on the most recently available CogAT and ISASP scores, and includes teacher input. Identification is re-evaluated on a year-by-year basis, subject to updated testing results and student performance. At the elementary level, students meet with the TAG teacher in small groups during their WIN time or otherwise scheduled time and engage in extension and enrichment activities, problem-solving and critical thinking exercises, and STEM activities.

Junior High Program Overview

Students in junior high are provided a differentiated curriculum in a variety of ways. Students have their academic needs met through independent studies, differentiation within the classroom and compacting (ie. alternate assignments), and participation in academic and intellectual enrichment activities. The TAG instructor

can advise classroom instructors regarding differentiated strategies for the regular curriculum. Junior High students also attend TAG during study hall or seminar times.

High School Program Overview

Students in high school are provided a differentiated curriculum in a variety of ways. Working with the high school counselor, each student maps out a four-year plan of study during their eighth-grade year. Student academic needs are met through independent studies, flexible scheduling, and dual enrollment in college courses. High school students may enroll in post-secondary/college classes where students receive both high school and college credit. Students may “test out” of courses as arranged on an individualized basis. The TAG instructor can advise classroom instructors regarding differentiation strategies for the regular curriculum. Students also meet with the TAG teacher a minimum of once a quarter or as requested by the student.

PROGRAM EVALUATION

The TAG teacher will work with District administration to annually review the goals and curriculum of the program. The TAG teacher will work with administration and instructional staff in modifications and development of the gifted and talented program. Collaboratively, the TAG teacher with classroom teachers, assesses the services offered to determine if students’ needs are being met.

In addition, an evaluation of the services offered to gifted/talented students will be done via parent and student surveys. This information is collected and studied by appropriate staff to determine if revisions need to be made in current programming.

STAFFING AND POLICIES

Staffing Provisions

Currently, one TAG teacher is employed full time to coordinate identification of students, coordinate, develop, and teach 2-6 pull-out enrichment classes, coordinate secondary independent studies classes, push-in support for extended learning opportunities K-1, and other opportunities. The program is supervised by Dr. Jane Chaillie.

ROCSD Board of Education Policy

Code No. 604.3 PROGRAM FOR TALENTED AND GIFTED STUDENTS: The board recognizes some students require programming beyond the regular education program. The board will identify students with special abilities and provide education programming.

It is the responsibility of the superintendent to develop a talented and gifted program which provides for identifying students, for program evaluation, and for training of employees.

Talented and Gifted Definition

Red Oak Community Schools has adopted the Iowa Code 257.44 definition of gifted and talented children. “Gifted and talented” children are those identified as possessing outstanding abilities who are capable of high performance. Gifted and talented children are children who require appropriate instruction and education services commensurate with their abilities and needs beyond those provided by the regular school program. Gifted and talented children include those children with demonstrated achievement or potential ability, or both, in any of the following areas or in combination:

1. General intellectual capability
2. Creative thinking
3. Leadership ability
4. Visual and performing arts ability
5. Specific academic aptitude

IDENTIFICATION

The Red Oak Community School District's gifted and talented program, TAG, will identify and serve students in the areas of general intellectual ability and specific academic aptitude (i.e., mathematics, reading) striving to enhance creativity and build leadership capacity in all identified students.

Teachers, parents, and peers can refer students in all grades at any time for Talented and Gifted services in the areas of general intellectual ability or specific ability aptitude. Students can also refer themselves for TAG services. Additionally, whole grade reviews of student learning data occur mid-year for grades 2 and 4.

Students are screened and identified for TAG services using the following data:

- **Kindergarten:** no formal identification
- **1st Grade:** no formal identification
- **2nd Grade:** Formal identification begins mid-year with CogAT, Renzulli, Kingore Observation Inventory
- **3rd-5th Grade:** CogAT, ISASP, Renzulli, Kingore Observation Inventory
- **6th-8th Grade:** CogAT, ISASP, Renzulli, Kingore Observation Inventory
- **9th-12th Grade:** CogAT, ISASP, Renzulli, Kingore Observation Inventory

The TAG teacher will communicate with each of the students' parents in the screening pool concerning placement decisions.

Students identified for TAG services in grades 2-12 will be those who, at a minimum, are determined to be strong in the area of general intellectual ability. Students who are identified in the area of general intellectual ability are those who demonstrate an advanced level of proficiency in both reading and mathematics. Characteristics of a student who demonstrates general intellectual ability are the following:

- Formulates abstractions
- Processes information in complex ways
- Observant
- Excited about new ideas
- Enjoys hypothesizing
- Learns rapidly
- Uses a large vocabulary
- Inquisitive
- Self-starter
- Complex problem solving

Students identified for TAG services for specific academic abilities in grades 2-12 will be those who show a definite strength in one specific academic. Students who are identified in the area of specific intellectual ability are those who demonstrate an advanced level of proficiency in either reading or mathematics. Characteristics of a student who demonstrates specific intellectual ability are the following:

- Good memorization ability
- Advanced comprehension
- Acquires basic skill knowledge quickly
- Widely read in special interest area

- High academic success in special interest area
- Pursues special interest with enthusiasm and vigor

Students who transfer into the Red Oak Community School District (ROCSD) from other districts in which they were previously identified as talented and gifted will maintain their status and receive TAG services. These students will be evaluated and/or monitored to determine the appropriateness of services. (There might be real differences between another district and ROCSD in terms of the level of rigor in the curriculum and students' prior academic performance).

The building committee of principal, TAG teacher, counselor, and teacher will review screening data and determine identification. The following matrix of the process will be used to assist the team in identification:

Red Oak Talented and Gifted Identification Process

What	When						
CogAT for all students	Late Fall of 2nd and 4th, and as needed in special situations						
Building span for identification	Grades 2-6, 7-12						
Areas of Identification	Verbal, Quantitative, Nonverbal as needed						
Who is responsible for identification?	A committee at each building that makes final identification decisions at the end of each school year. The identification decisions are effective for the following school year.						
Identification process by grade level	2nd (late fall): CogAT, As Needed: KIngore Observation Inventory, Renzulli, staff input 4th (late fall): add spring 3rd grade ISASP data to identification matrix and evaluate for any changes <i>*update ISASP data in the matrix each spring after testing is completed</i>						
Matrix	<table border="1"> <tr> <td>CogAT</td><td>~66%</td></tr> <tr> <td>ISASP</td><td>~33%</td></tr> <tr> <td>Renzulli & KOI</td><td>Support of Decision</td></tr> </table> <i>Note: It is at the discretion of the identification committee to consider all factors.</i>	CogAT	~66%	ISASP	~33%	Renzulli & KOI	Support of Decision
CogAT	~66%						
ISASP	~33%						
Renzulli & KOI	Support of Decision						

English Language Learner Identification Process

Identification of gifted and talented English Language Learners Grades K-12 is based on the proposition that broadening the scope of the methods used to identify English Language Learners (ELLs) for Talented and Gifted services will improve their opportunities to achieve academically (*Identifying Gifted and Talented English Language Learners, 2008, Iowa Department of Education*).

It is important that the educators of GT English Language Learners are aware that they display their potential within the cultural context of learning a second language.

Characteristics of ELL Gifted Students: Most gifted children share certain characteristics. ELL populations may demonstrate these characteristics in ways different from the dominant culture and sometimes these characteristics may be perceived as negative.

Characteristic	Dominant Culture	Different Cultures
Curiosity	Raises hand to ask question. Stays on task. Expresses self well. Expects shared experiences and common understandings. Curious about how things work more than about people.	May think questioning is rude. May be frustrated by not having the language necessary to ask questions. Does not have a foundation of shared experiences. Curious about different experiences. May experience lack of understanding by teachers, peers and others. May enjoy questions with “shock value.” More curious about people than things.
Task Commitment	Sticks with a task. Confident in ability.	Stubborn. May have their own priorities. May not see relevance in school work.
Sense of Humor	Begins with shared experiences and understandings. Uses dominant language with others. Uses subtleties with language.	May have difficulty showing humor in dominant culture’s language. May be “smart alecky.” May use language destructively, use put-downs. May be a class clown. May demonstrate humor, tell jokes, in one language and not the other.
Keen Interests	Good at many things. Enjoys learning new things. Enjoys collections. Enjoys a book series.	Unable to make decisions. Makes decisions without regard for consequences. Appears random. Has trouble finding closure.
Use of Language	Expresses self well in formal register. Can elaborate well on others’ ideas. Fairly even language profile.	Very expressive in casual register. Has trouble listening and staying attentive to others. Uneven in ability to peak, listen, read, write. Makes clever, silly or inappropriate responses. Opinionated, good talker but unable to support ideas or provide substance to ideas. Tells stories, enjoys listening to stories in own language, culture. Acquires new language quickly.
Self Efficacy	Feels safe. Feels in control.	Feels unsafe, insecure. Feels like a victim.
Problem Solving	Good at solving teacher generated problems. Applies learned rules to problem solving.	Good at solving “street” problems. Creative in fending for self. May not be interested in following rules.
Asynchronous Maturity	Taken care of by adults. Often protected from adult concerns.	May be responsible for younger siblings. May act as translator and interpreter for adults. May be needed, used in adult situations.

*Information acquired from Blue Valley School District <http://bvsd.org/policies/Policies/IGBB-R.pdf>

Characteristics of a gifted English Language Learner include, but are not limited to:

- Acquires a second language rapidly
- Shows high ability in mathematics
- Displays a mature sense of diverse cultures and languages
- Code switches easily (think in both languages)
- Demonstrates an advanced awareness of American expressions
- Translates at an advanced level (oral)
- Navigates appropriate behaviors successfully within both cultures

*Information acquired from Identifying Gifted and Talented English Language Learners, 2008, Iowa Department of Education.

Potential Barriers to Identification: English Language Learners are traditionally underrepresented in gifted education. Potential barriers may include:

- Reliance on the nomination process only (no grade level screening).
- Teachers may be less likely to recognize gifted characteristics in EL's than in children of their own culture or language.
- EL parents may be less likely to advocate for TAG identification than parents of the dominant culture.
- Characteristics of giftedness may manifest themselves differently, even negatively, in EL's.
- Teachers may think student deficits or English acquisition should be addressed before TAG identification.
- Assessment criteria may be biased against EL's.
- EL's may have less experience with abstract reasoning tasks.

When evaluating an ELL student for TAG services, the committee will look at the whole child: the cognitive, the affective, and psycho-motor/behavioral domains in relationship to their English language proficiency.

ELL students are screened and identified for TAG services using the following data:

- I-ELDA- rate of 2 or more levels in the span of one year
- CogAT
- ISASP
- Renzulli Scales
- Staff Input

An English Language Learner's score on the Iowa Assessment and CogAT should be considered in light of the student's I-ELDA score and will not be used in comparison with other TAG candidates who are native speakers.

The ELL and TAG teacher will communicate the results with the parents and seek permission for further diagnostic data collection if needed. An interpreter or literature will be provided to the parents of the ELL student in their native language to provide information concerning TAG placement and decisions.

When necessary, the TAG teacher and the ELL teacher will collect and organize additional student data to ensure a confident decision regarding student needs.

ROLE OF THE TAG TEACHER

The primary roles of the TAG teacher to support TAG students. These include:

1. Pullout enrichment with students to maximize their learning and facilitate the students' strengths and interests and meet their affective needs.
2. Consultation with educators to facilitate teacher understanding of the unique needs of gifted and talented students.
3. Collaboration with educators to assure differentiated instruction is provided in the general classroom learning environment.
4. To seek out, coordinate and/or assist with providing academic competitions for TAG students.

Individualized Instruction

- Develop and monitor Personalized Education Plans for students who are identified for TAG.
- Based on the PEP, coordinate individualized enrichment to meet the unique learning needs of the TAG student.
- Facilitate acceleration based on student performance and identified needs.
- Provide flexible scheduling/groupings for advance interests outside the curriculum.

Consultation/Collaboration with Teachers

- Help classroom teachers' work confidently with high ability students.
- Provide training in the use of differentiated instruction and learning strategies to meet the needs of the individual student.
- Help teachers incorporate problem solving, critical thinking, leadership, and creativity opportunities into unit planning.
- Collaborate with the classroom teachers to plan and implement extensions to the curriculum and differentiated learning opportunities.
- Provide support for classroom teachers in the form of ideas and materials for students needing differentiation in the regular classroom.

PERSONAL EDUCATION PLAN (PEP)

The purpose of the Personalized Education Plan (PEP) is to provide a plan designed to meet the educational and social/emotional needs for identified gifted students. PEPs are co-created with the Talented and Gifted teacher, classroom teacher, parent/guardian(s), and student to set goals and articulate services and expectations for each school year. The written PEP is reviewed annually by the student, teacher(s), and parents. The PEP is a living document, revised as necessary, serving as a communication tool between students, teachers and parents. The following items will be included in a student's personalized education plan including review of:

- Area of identification
- Relevant data including current assessments
- Current academic performance
- Nature and extent of the gifted and talented services provided including:
 - individualized services
 - consultative services
 - modifications to curriculum and acceleration of the student's curriculum
 - other supportive services
- Accommodations in support of the students gifts and talents
- Anticipated or planned academic adjustments and accelerations
- Beginning at the 8th grade level, a high school plan for enrollment in academic courses guiding acceleration and college preparation
- Personnel responsible for the services provided

CURRICULUM COMPACTING

Curriculum compacting is a differentiation technique that allows a teacher to remove instructional materials and objectives from a course when a student has already demonstrated mastery of the material to be learned. The material is replaced with new content, enrichment opportunities, or other options. It is important to remember that students may master part of a standard but require instruction in order to master another part. Decisions regarding compacting of specific subjects are based on assessment data and other performance measures, such as a strong academic record of achievement in the subject which is vital to student success. The following data sources may be used to determine eligibility:

- Iowa Statewide Assessment of Student Progress
- FAST screening in reading and math
- Individual student performance
- End of Year Course assessments
- Student Interview
- Purdue Academic Rating Scales
- Iowa Algebra Aptitude Test

ACCELERATION PROCEDURES

Acceleration is an educational intervention designed to provide students who have specific areas of talent with the appropriate level of academic challenge and may occur in rare and unique circumstances. The decision regarding whole-grade acceleration must take into account several factors including academic preparedness, social-emotional maturity, and the student's motivation. Resources from the Belin-Blank Center, including the Integrated Acceleration System and the Iowa Acceleration Scale manual, may be referenced by school staff for research and best practice guidance during the decision-making process. Decisions regarding whole-grade acceleration are also based on review of academic progress, parental input, and teacher recommendation. Typically, a meeting of parents, teachers, TAG staff, and administration from the current grade level and the grade level into which advancement is being considered is held to review and discuss all factors prior to making a decision. Once a consensus is agreed upon to advance the student, the teachers, administrators, and parents will develop a new PEP plan to address the transitional process and goals to be achieved.

Academic program acceleration is based on individual student needs determined by assessment performance, academic progress, student motivation, and parental support. Often a process for course acceleration includes a rating scale taking into account a variety of factors. To determine if it is the best interest of a student to modify regular grade placement and/or coursework, important considerations include three necessary components: 1) whether the choices made for a student are consistent with the Red Oak Community Schools District Mission Statement; 2) review of the ROCSD Talented and Gifted program philosophy; and 3) completion of a consistent process for making acceleration decisions.

The decision-making process will include the following:

1. Referral from teachers or parents
2. Review of academic history
3. Meeting specific assessment criteria
4. Meeting with parents and teachers
5. Completion of the updated PEP plan reflecting the goals of acceleration

As an example, the ROCSD uses the following scale for math acceleration.

- Iowa Math Total – 94%ile or above (+10)
- For 9-12 other national tests (PSAT, ACT, SAT) – 94%ile or above (+10)
- Composite score of 124 or higher on the Cognitive Abilities Test (quantitative) or other testing generating IQ . (+10)
- Teacher recommendation (+5)

Student's total should score 90% of total points to recommend acceleration.

NATIONAL ASSOCIATION FOR GIFTED CHILDREN PROGRAM STANDARDS

<http://www.nagc.org/resourcespublications/resources/definitionsgiftedness>

Standard 1: Learning and Development:

Educators, recognizing the learning and developmental differences of students with gifts and talents, promote ongoing self-understanding, awareness of their needs, and cognitive and affective growth of these students in school, home, and community settings to ensure specific student outcomes.

Understanding the characteristics and needs of gifted students is vital to planning curriculum, instruction, assessment, programs, and services. The characteristics of gifted students provide the rationale for differentiation in programs. This includes grouping and services for gifted students and are translated into appropriate differentiation choices made at curricular and program levels. Such instruction should meet the cognitive and affective needs of gifted students.

Standard 2: Assessment:

Assessments provide information about identification, learning progress and outcomes, and evaluation of programming for students with gifts and talents in all domains.

Educators will establish a challenging environment and collect multiple types of assessment information so all students are able to demonstrate their gifts and talents. Differentiated instruction includes using pre and post, performance-based, product-based, and out-of-level assessments. As a result of each educator's use of ongoing assessments, students with gifts and talents demonstrate advanced and complex learning. Using these student progress data, educators then evaluate services and make adjustments to one or more of the school's programming components so that student performance is improved.

Standard 3: Curriculum Planning and Instruction:

Educators apply the theory and research-based models of curriculum and instruction related to students with gifts and talents and respond to their needs by planning, selecting, adapting, and creating culturally relevant curriculum and by using a repertoire of evidence-based instructional strategies to ensure specific student outcomes.

The information obtained from multiple types of assessments informs decisions about curriculum content, instructional strategies, and resources that will support the growth of students with gifts and talents. Educators use the ROCSD curriculum, Iowa Core, and Common Core Curriculum then differentiate and expand it. In order to meet the unique needs of students with gifts and talents, this curriculum emphasizes advanced, conceptually challenging, in-depth, distinctive, and complex content within cognitive, affective, aesthetic, social, and leadership domains. Educators possess a knowledge of evidence-based instructional strategies in delivering the curriculum to develop talent, enhance learning, and provide students with the knowledge and skills to become independent, self-aware learners, and to give students the tools to contribute to a multicultural, diverse society. The curriculum, instructional strategies, and materials and resources engage a variety of learners using culturally responsive practices.

Standard 4: Learning Environments:

Learning environments foster personal and social responsibility, multicultural competence, and interpersonal and technical communication skills for leadership in the 21st century to ensure specific student outcomes.

Educators of students with gifts and talents create safe learning environments that foster emotional wellbeing, positive social interaction, leadership for social change, and cultural understanding for success in a diverse society. Knowledge of the impact of giftedness and diversity on social-emotional development enables educators of students with gifts and talents to design environments that encourage independence, motivation, and self-efficacy. Teachers use relevant strategies and technologies to enhance oral, written, and artistic communication of learners whose needs vary based on exceptionality, language proficiency, and cultural and linguistic differences.

Standard 5: Programming:

Educators are aware of empirical evidence regarding (a) the cognitive, creative, and affective development of learners with gifts and talents, and (b) programming that meets their concomitant needs. Educators use this expertise systematically and collaboratively to develop, implement, and effectively manage comprehensive services for students with a variety of gifts and talents to ensure specific student outcomes.

Educators will develop policies and procedures to provide comprehensive and aligned services for gifted students, and use a variety of programming include individualized, consultative and collaborative services to enhance students' performance in cognitive and affective areas. This includes such examples as access to a variety of learning resources such as technology-infused learning, community internships, acceleration through SWICC, and/or individual projects based on student interests and areas of giftedness.

Standard 6: Professional Development:

All educators (administrators, teachers, counselors, and other instructional support staff) build their knowledge and skills using the NAGCCEC Teacher Standards for Gifted and Talented Education and the National Staff Development Standards. They formally assess professional development needs related to the standards, develop and monitor plans, systematically engage in training to meet the identified needs, and demonstrate mastery of standard. They access resources to provide for release time, funding for continuing education, and substitute support. These practices are judged through the assessment of relevant student outcomes.

The Red Oak Community School District professional development plan is intended to provide teachers and administrators with the knowledge, skills, and strategies that will help them provide talented and gifted students with the academic and affective support they need to experience an appropriate level of challenge and learning each day. Professional development is provided in multiple ways. Some professional development is provided during traditional professional development time to all teaching staff in a building or across the district. Some professional development is provided via e-mails and newsletters. Talented and Gifted staff and other teachers across the district are provided opportunities to attend workshops geared toward the teaching of the talented and gifted student.



RED OAK COMMUNITY SCHOOLS

"Excellence for All... Whatever it Takes!"

EXTENDED LEARNING OPPORTUNITIES

TAG Program: Individual Student Personal Education Plan (PEP)

Student:	Grade/Year:
Parent/Guardian:	
Identified Area:	
Teacher/Program:	

Most Recent (3 Year) Assessments

Year/ Grade	Assessment	Reading	Math	Science	Other

Student Strengths:

Student Needs:

Academic Interests:

Date	Accommodation Plan	Person(s) Responsible

Additional Comments/Notes:

The following agree to and support the above accommodation plan for the _____ school year.

TAG Teacher:	Date:
Coordinating Teacher:	Date:
Student:	Date:
Parent/Guardian(s)	Date:

2025-2026 Red Oak CSD School Improvement Advisory Committee (SIAC) Membership

Parent Representatives

- Monica Blay
- Bryant Blay
- David Bueno
- Virginia Bueno Zavala
- Christina Costan
- Jeramie Costan
- Alan Dean
- Yulina Perez Estrada
- Molly Ferree
- Richard Fisher
- Tianna Fisher
- Eduard Grass
- Corrine Jenkins
- David Jenkins
- Jen Johnson
- Adam Kucirek
- Carla Kucirek
- Reachel Kuipers
- Jason Orme
- Sarah Orme
- Dan Pollock
- Stephanie Pollock
- Andy Rea
- Trina Rea
- Mabel Rico
- Amy Rydberg
- Dave Rydberg
- David Sharp
- Jana Sickles
- Kelly Snyder
- Deb Terry
- Scott Turner

Support Staff / Parent Representatives

- Sandra Chicon
- Kandi Turner

Juvenile Court Representative

- Steve Ferree

Student Representatives

- Paulina Bueno
- Keidy Camilo
- Dalton Ferree
- Hudson Fisher
- Emmanuel Grass
- Karly Jenkins
- William Pollock
- Amber Rea
- Caleb Rydberg
- Sophie Snyder

Teacher Representatives

- Meshell Billings
- Brandi Blackman
- Janelle Erickson
- Brett Eubank
- Angie Montgomery
- Melinda Smits
- Tracy Vannausdle

Administrative Representatives

- Jane Chaillie
- Steven Green
- Nate Perrien
- James Sherley

Board Representatives

- Bret Blackman
- Kathy Walker

ROCSD Inman Elementary Remodel

CONSTRUCTION DOCUMENTS

09.03.2025

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		S1.1 FOUNDATION PLAN
CODE		S1.2 ROOF FRAMING PLAN
CP0.0 CODE ANALYSIS		S3.1 STRUCTURAL SECTIONS
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ROCSD Inman Elementary Remodel

900 Inman Drive
Red Oak, IA 51566

Project Location



PROJECT NOTES

- ALTERNATES:**
- ALT NO. 01:**
AT EXISTING VESTIBULE, TERRAZZO TILE TO REMAIN IN PLACE. PATCH AND REPAIR AS NEEDED AT REMOVED WALLS/ DOOR LOCATIONS. AT EXISTING CAFETERIA, PATCH AND REPAIR EXISTING TERRAZZO AS NEEDED. PROVIDE NEW TERRAZZO TO MATCH EXISTING IN COLORS AND PATTERNS AT NORTH COMMONS
- ALT NO. 02:**
PROVIDE NEW RF-1 AT ENTIRE EXISTING CAFETERIA, OVER TERRAZZO.
- ALT NO. 03:**
ALL CURRENTLY PAINTED TEAL STRUCTURE AT ENTRY CORRIDOR TO BE PAINTED HPC-1.
- ALT NO. 04:**
Chiller and ahru replacement (ETI)

stamps

AGENCY APPROVAL

ALLEY POYNER
MACCHIETTO
ARCHITECTURE

PROJECT CONTACT INFORMATION

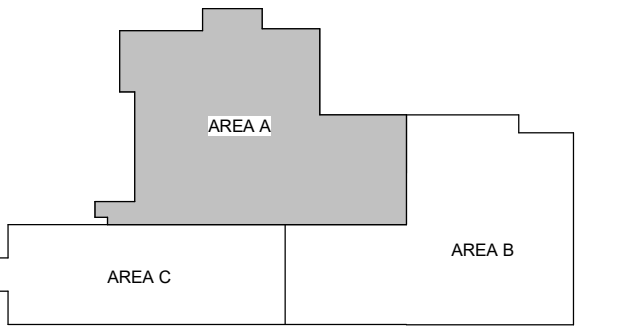
OWNER Red Oak Community School District	ARCHITECT Alley Poyner Macchietto Architecture	CIVIL ENGINEER Larson Engineering, Inc.	STRUCTURAL ENGINEER Thompson, Dreessen & Dörner, Inc.	MECHANICAL ENGINEER Engineering Technologies, Inc.	ELECTRICAL ENGINEER Engineering Technologies, Inc.
Organization Address Organization City/State/Zip Organization Phone	1516 Cumming Street Omaha, NE 68102 (T) 402.341.1544 www.alleypoyner.com	1820 NW 118th Street Suite 230 Clive, IA 50325-8266 515.225.4377	10836 Old Mill Road Omaha, NE 68154 402.330.8860	1101 North 13th Street Omaha, NE 68102 402.330.2772	1101 North 13th Street Omaha, NE 68102 402.330.2772
Project Contact Ron Lorenz	Project Contact Chandler Green	Project Contact Gage DeCook	Project Contact Trevor Larson	Project Contact Justin Veik	Project Contact Shane Hoss

REVISION	DATE
Project Number:	24077
Date:	09.03.2025
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COVER SHEET	

G0.0

G0.1

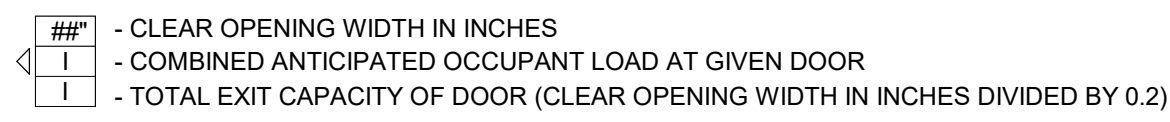
INTERIOR SIGNAGE - BUILDING



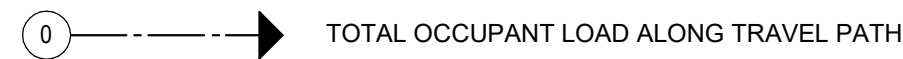
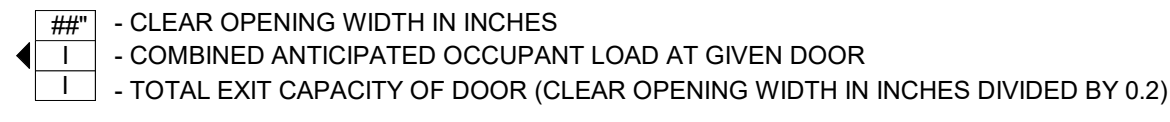
REVISION	DATE
Project Number:	24077
Date:	09.03.2025
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SYMBOL LEGEND

ROOM / STAIR EXIT DOOR TAG:



BUILDING EXIT DOOR TAG:

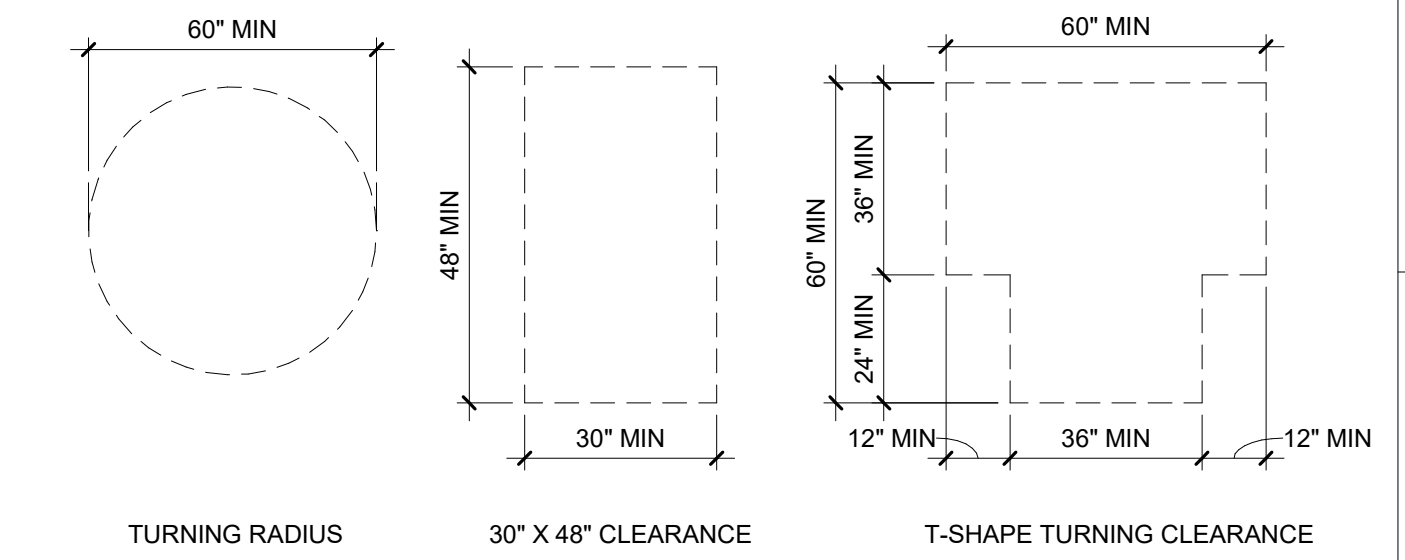


COMMON PATH OF TRAVEL OR EXIT ACCESS
TRAVEL DISTANCE (#FT).

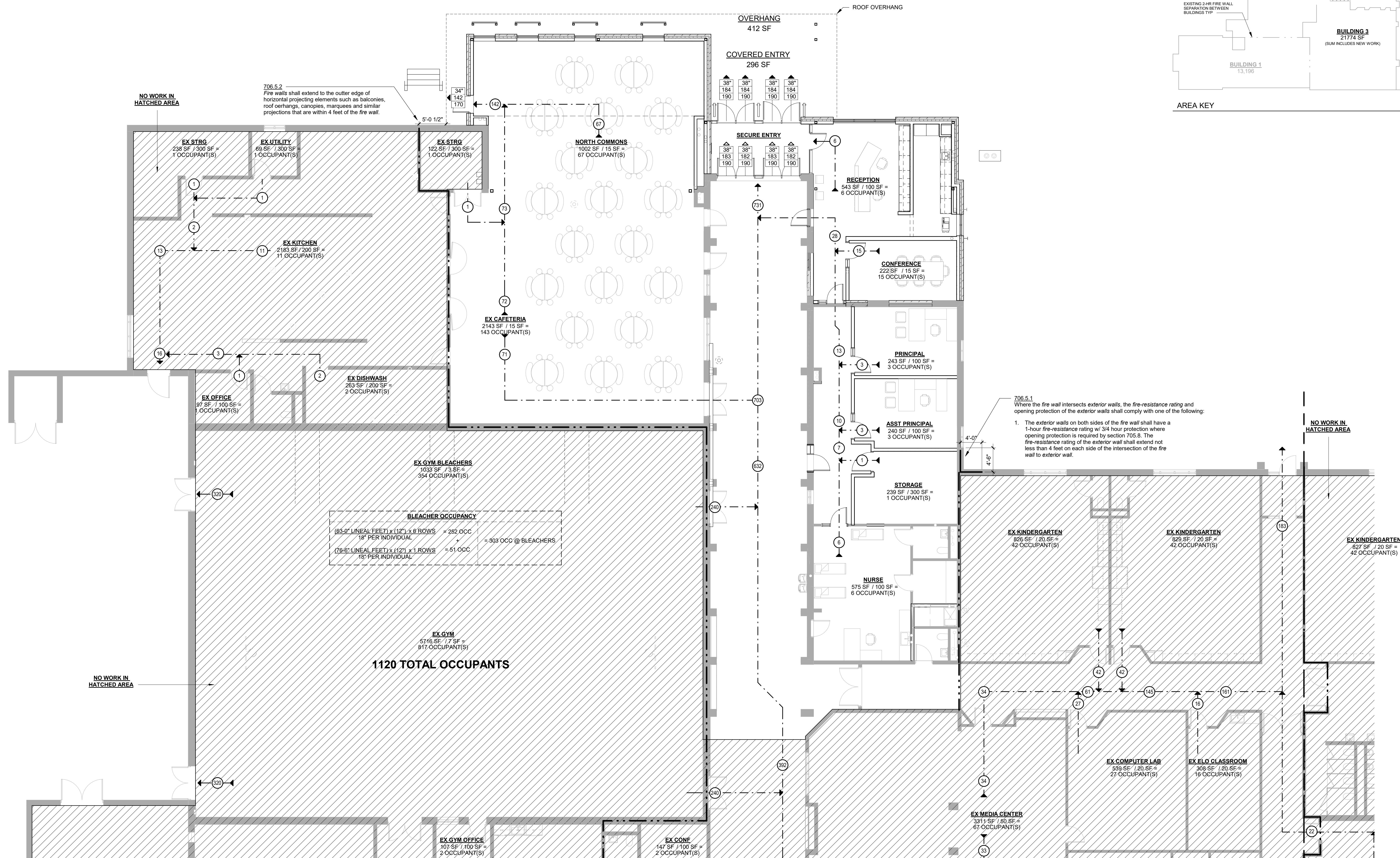
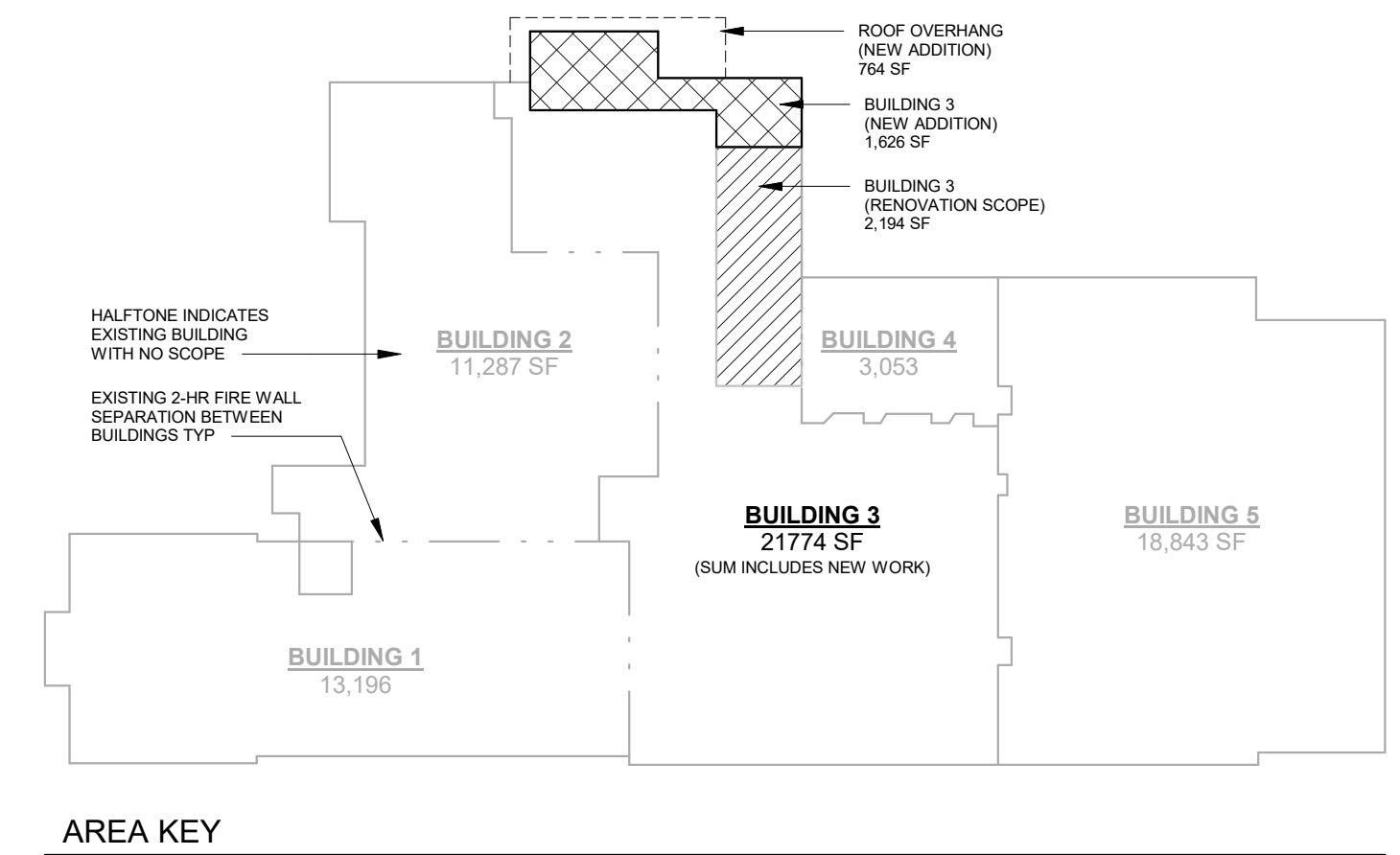
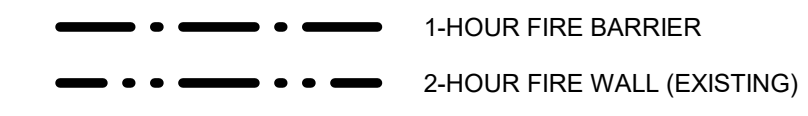


EGRESS STAIR —————> **STAIR - A**
EGRESS CAPACITY: #"/ PERSON —> **##" (WIDTH) / .#"**
ALLOWABLE LOAD —————> **## (ALLOWABLE)**
ANTICIPATED LOAD —————> **## (ANTICIPATED)**

ADA CLEARANCE LEGEND



WALL RATING LEGEND



SYMBOL LEGEND

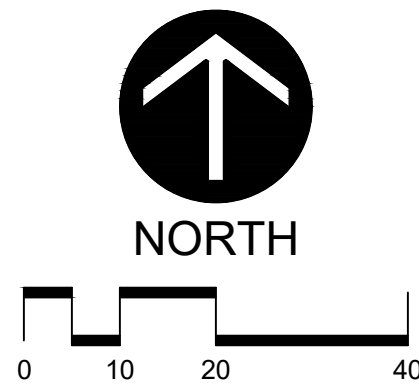
SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT SECTION.

DEMOLITION NOTES

- Verify all existing utility locations.
- It is the responsibility of the Contractor to perform or coordinate all necessary utility demolitions and relocations from existing utility locations to all onsite amenities and buildings. These connections include, but are not limited to, water, sanitary sewer, cable TV, telephone, gas, electric, site lighting, etc.
- Prior to beginning work, contact Iowa One Call (800-292-8989) to locate utilities throughout the area under construction. The Contractor shall retain the services of a private utility locator to locate the private utilities.
- Sawcut along edges of pavements, sidewalks, and curbs to remain.
- All construction shall be performed in accordance with state and local standard specifications for construction.
- All construction materials, dumpsters, detached trailers, or similar items are prohibited on public streets or within the public right-of-way.

KEY NOTES

- SAWCUT, REMOVE, AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER.
- REMOVE AND DISPOSE OF EXISTING PAVEMENT TO THE NEAREST JOINT
- REMOVE AND DISPOSE OF EXISTING SANITARY STRUCTURE
- REMOVE AND DISPOSE OF EXISTING STORM STRUCTURE
- REMOVE AND DISPOSE OF EXISTING SANITARY SEWER
- REMOVE AND DISPOSE OF EXISTING STORM SEWER - SEE PLUMBING PLANS
- REMOVE AND SALVAGE EXISTING FIRE HYDRANT
- REMOVE AND DISPOSE OF EXISTING LANDSCAPING
- REMOVE AND SALVAGE EXISTING FLAG POLE
- REMOVE AND DISPOSE OF EXISTING SIGN



REVISION DATE

Project Number: 24077

Date: September 3, 2025

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EXISTING CONDITIONS &
DEMOLITION PLAN

C1.1

ROCSD Inman
Elementary
Remodel

Larson
Engineering, Inc.
1820 NW 118th St, Suite 230
Clive, IA 50325
515.225.4377
www.larsonengr.com

ALLEY POYNER
MACCHIETTO
ARCHITECTURE

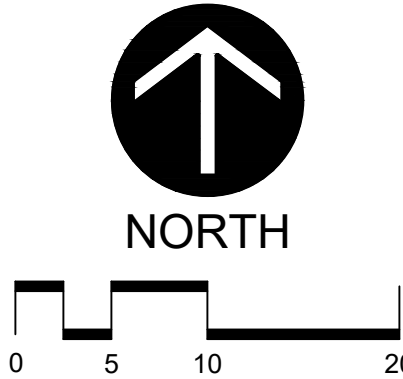
SYMBOL LEGEND

- NEW 5" CONCRETE OVER 6" BASE
AGGREGATE OVER COMPACTED
SUBGRADE. SEE DETAIL 1/C5.1.
- NEW 7" CONCRETE OVER 6" BASE
AGGREGATE OVER COMPACTED
SUBGRADE. SEE DETAIL 2/C5.1.
- LANDSCAPE ROCK (GREY TRAP ROCK -
1-1/2" SIZE - 4" DEPTH) ATOP SOIL
SEPARATION FABRIC - SEE DETAIL 2/C5.2
- THICKENED EDGE. SEE DETAIL 3/C5.1.

WHERE APPLICABLE, DIMENSIONS ARE FROM
FACE OF CURB TO FACE OF CURB OR FACE OF
CURB TO END OF STALL LINE.

PLANT SCHEDULE

SYMBOL	SCIENTIFIC NAME	COMMON NAME	QUANTITY
GT	TRILLIUM GRANDIFLORUM	GREAT WHITE TRILLIUM	5
SW	GALIUM ODORATUM	SWEET WOODRUFF	10

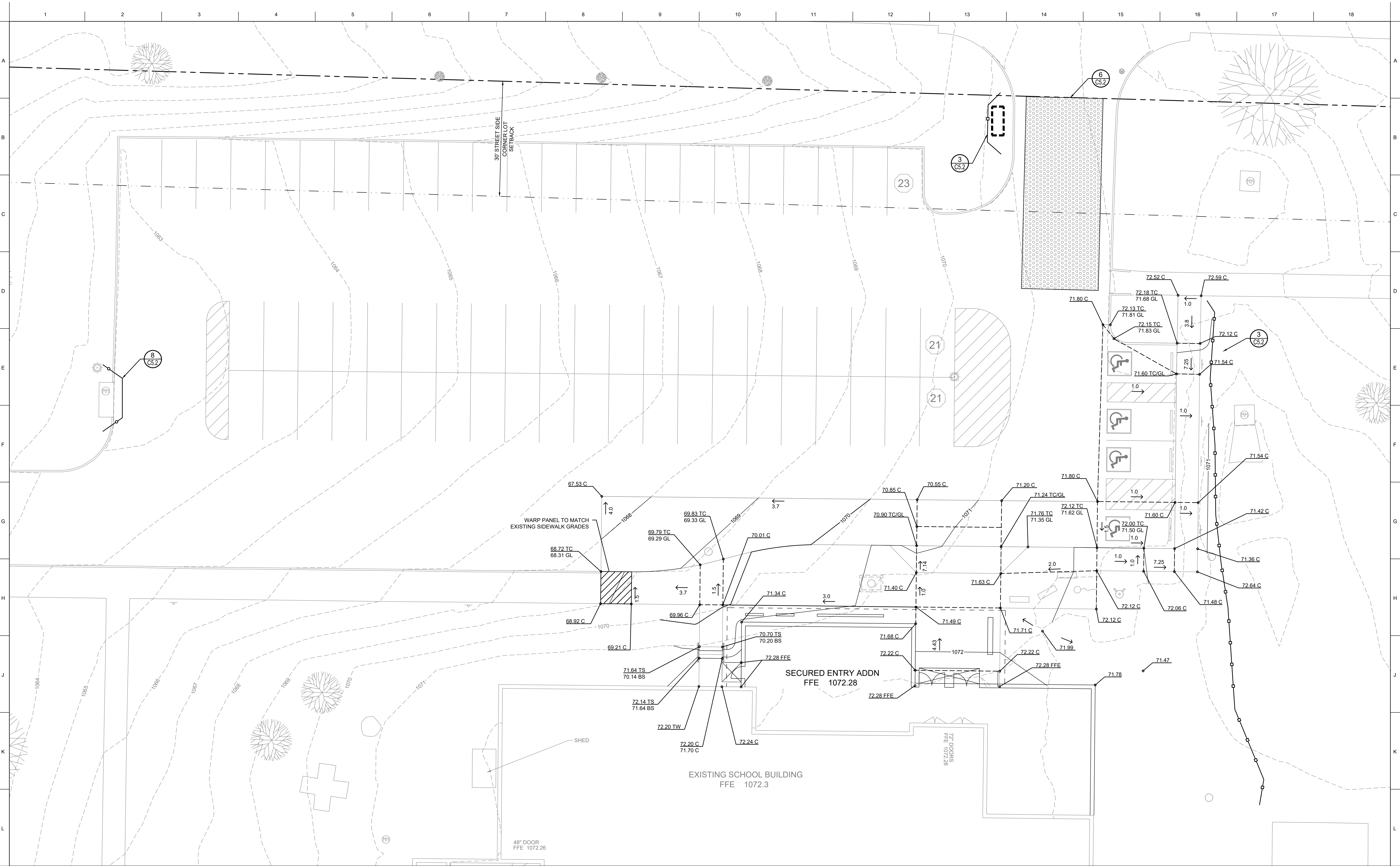


REVISION DATE
Project Number: 24077
Date: September 3, 2025
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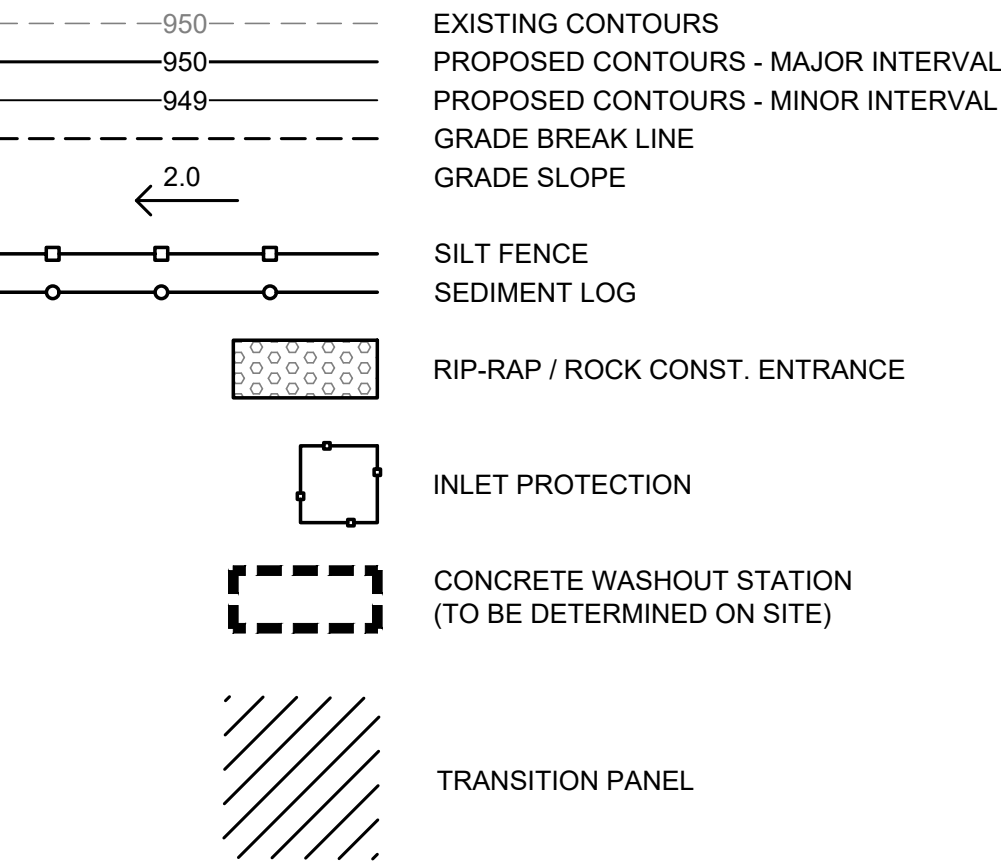
SITE PLAN

C2.1

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SYMBOL LEGEND

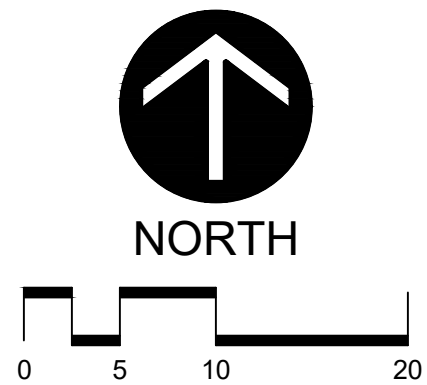


950.00 TC
949.50 GL

SPOT ABBREVIATIONS:
TC - TOP OF CURB
GL - GUTTER LINE
B - BITUMINOUS
C - CONCRETE
EO - EMERGENCY OVERFLOW
TW - TOP OF WALL
BW - BOTTOM OF WALL (F/G)
FFE - FINISHED FLOOR ELEVATION
TS - TOP OF STAIR
BS - BOTTOM OF STAIR
() - EXISTING TO BE VERIFIED

GRADING NOTES

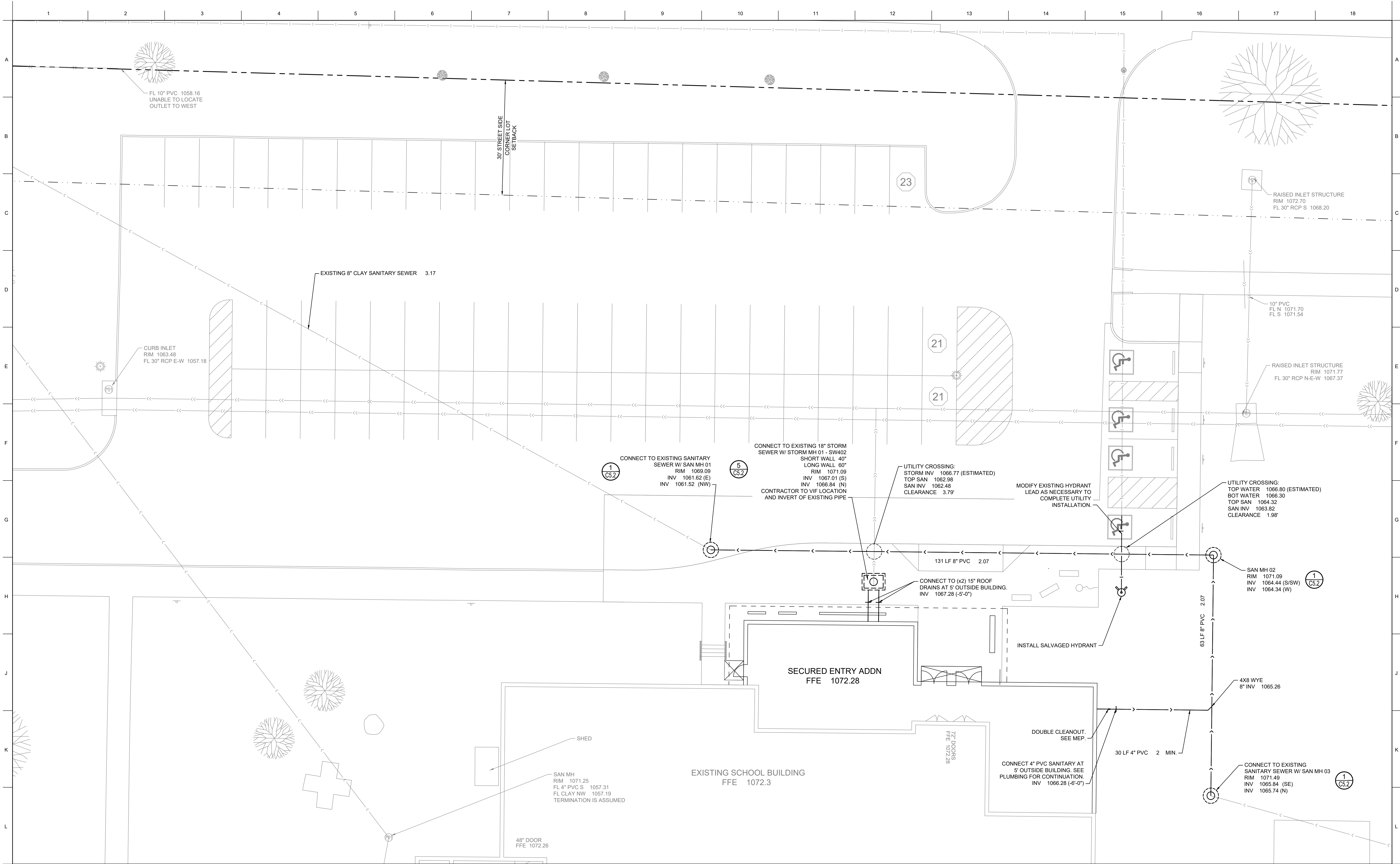
1. Tree protection consisting of snow fence or safety fence installed at the drip line shall be in place prior to beginning any grading or demolition work at the site.
2. All elevations with an asterisk (*) shall be field verified. If elevations vary significantly, notify the Engineer for further instructions.
3. Grades shown in paved areas represent finish elevation.
4. Restore all disturbed areas with 4" of good quality topsoil and seed.
5. All construction shall be performed in accordance with state and local standard specifications for construction.



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GRADING AND EROSION
CONTROL PLAN

C3.1

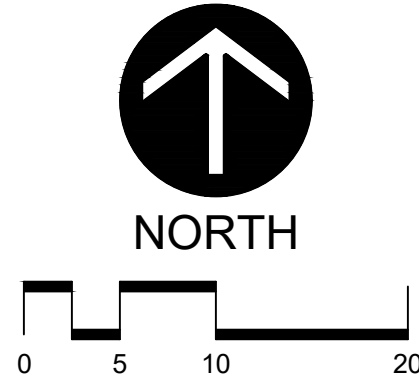


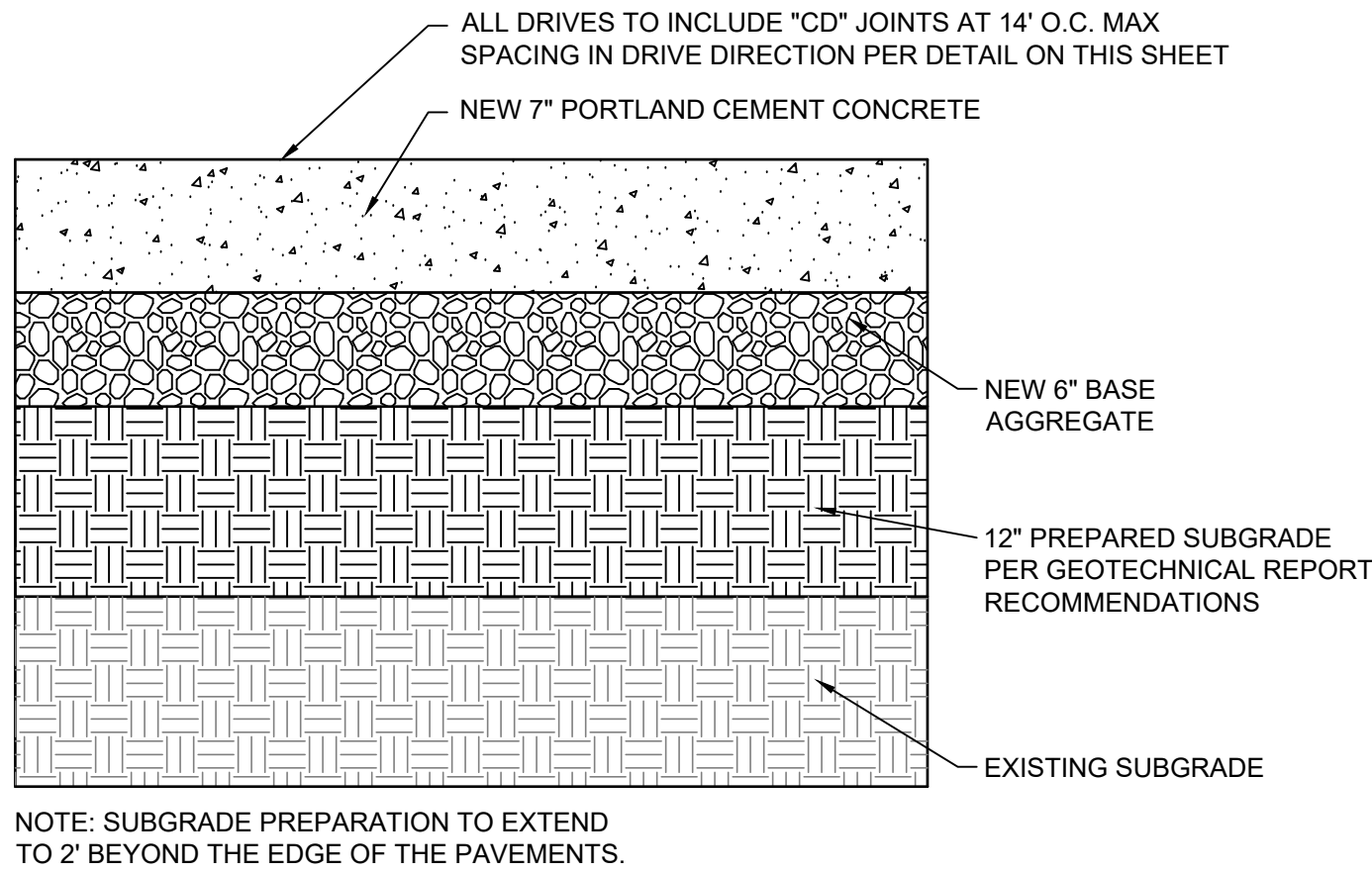
SYMBOL LEGEND

	STORM MANHOLE		CABLE UNDERGROUND LINE
	CATCH BASIN		ELECTRIC OVERHEAD LINE
	CURB INLET		ELECTRIC UNDERGROUND LINE
	RECTANGULAR AREA INTAKE		FIBER OPTIC UNDERGROUND LINE
	FLARED END		NATURAL GAS UNDERGROUND LINE
	SANITARY MANHOLE		SANITARY SEWER PIPE
	HYDRANT		STORM SEWER PIPE
	GATE VALVE & BOX		TELEPHONE UNDERGROUND LINE
	WATER SHUTOFF		WATERMAIN PIPE
	LIGHT POLE		DRAIN TILE PIPE

UTILITY NOTES

- It is the responsibility of the contractor to perform or coordinate all necessary utility connections and relocations from existing utility locations to the proposed building, as well as to all onsite amenities. These connections include but are not limited to water, sanitary sewer, cable TV, telephone, gas, electric, site lighting, etc.
- All service connections shall be performed in accordance with state and local standard specifications for construction. Utility connections (sanitary sewer, watermain, and storm sewer) may require a permit from the City.
- The contractor shall verify the elevations at proposed connections to existing utilities prior to any demolition or excavation.
- The contractor shall notify all appropriate engineering departments and utility companies 72 hours prior to construction. All necessary precautions shall be made to avoid damage to existing utilities.
- Maintain a minimum of 5' of cover over all water lines and sanitary sewer lines. Install water lines 18" above sanitary sewers, where the sanitary sewer crosses over the water line, install sewer piping of materials equal to watermain standards for 9 feet on both sides and maintain 18" of separation.
- Where 5' of cover is not provided over sanitary sewer and water lines, install 2" rigid polystyrene insulation with a thermal resistance of at least 5 and a compressive strength of at least 25 psi. Insulation shall be 8" wide, centered over pipe with 6" sand cushion between pipe and insulation.
- All watermain piping shall be class 52 ductile iron pipe unless noted otherwise.
- See Project Specifications for bedding requirements.
- Pressure test and disinfect all new watermains in accordance with state and local requirements.
- Sanitary sewer piping shall be PVC, SDR-26 for depths up to 26', and class 52 D.I.P. for depths of 26' or more.

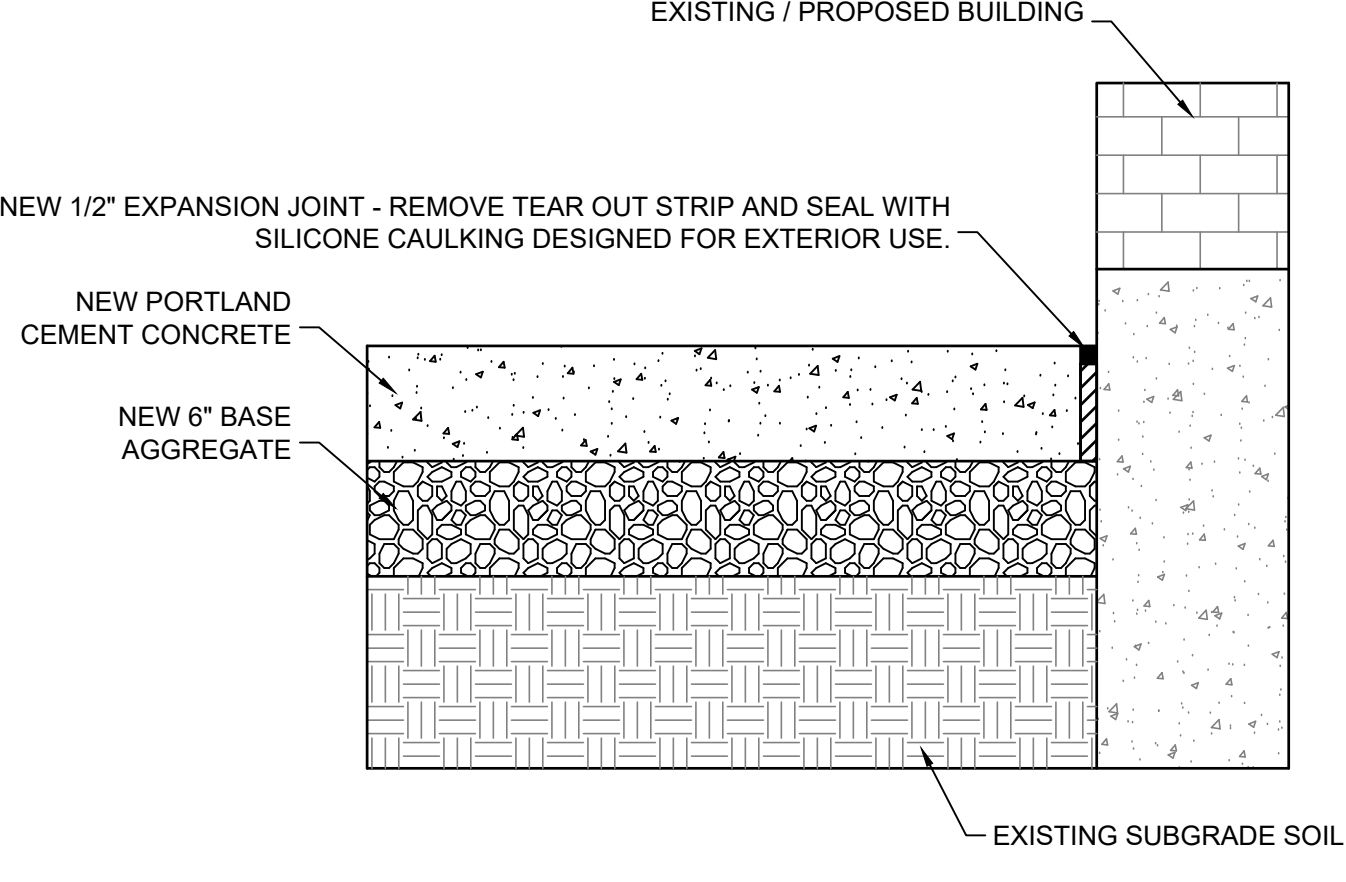




HEAVY-DUTY CONCRETE
CONSTRUCTION DETAIL

1
C5.1

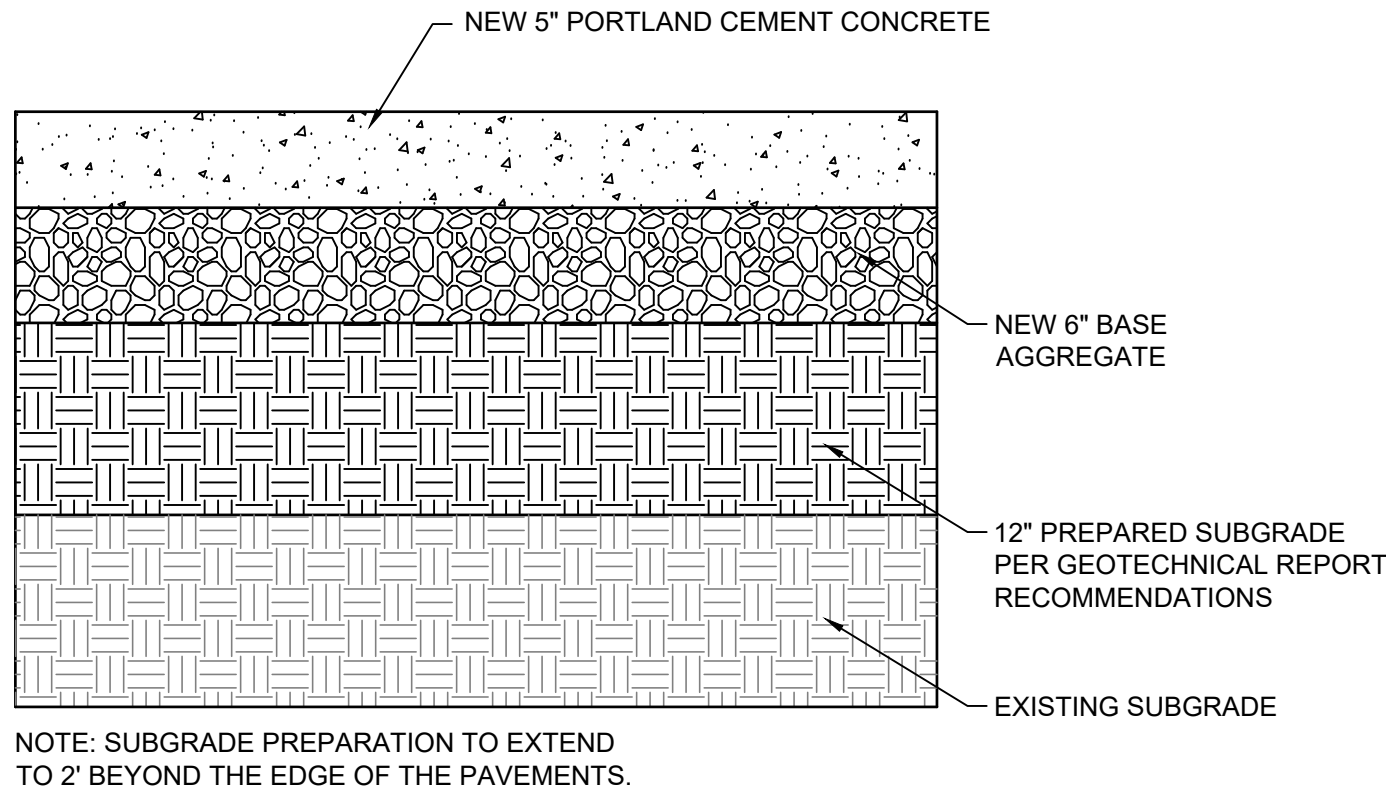
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BUILDING - SIDEWALK
EXPANSION JOINT DETAIL

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C5.1

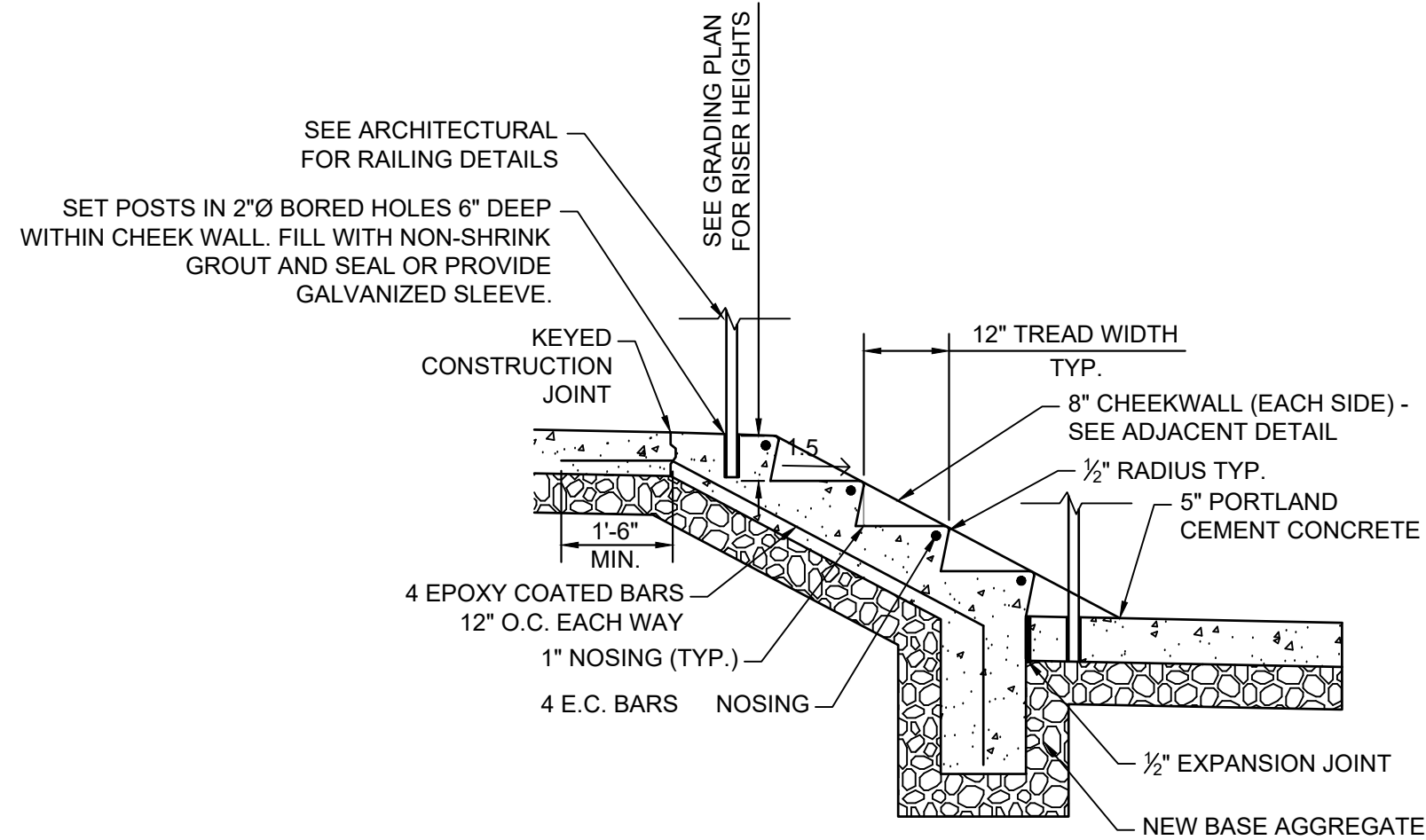
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LIGHT-DUTY CONCRETE
CONSTRUCTION DETAIL

2
C5.1

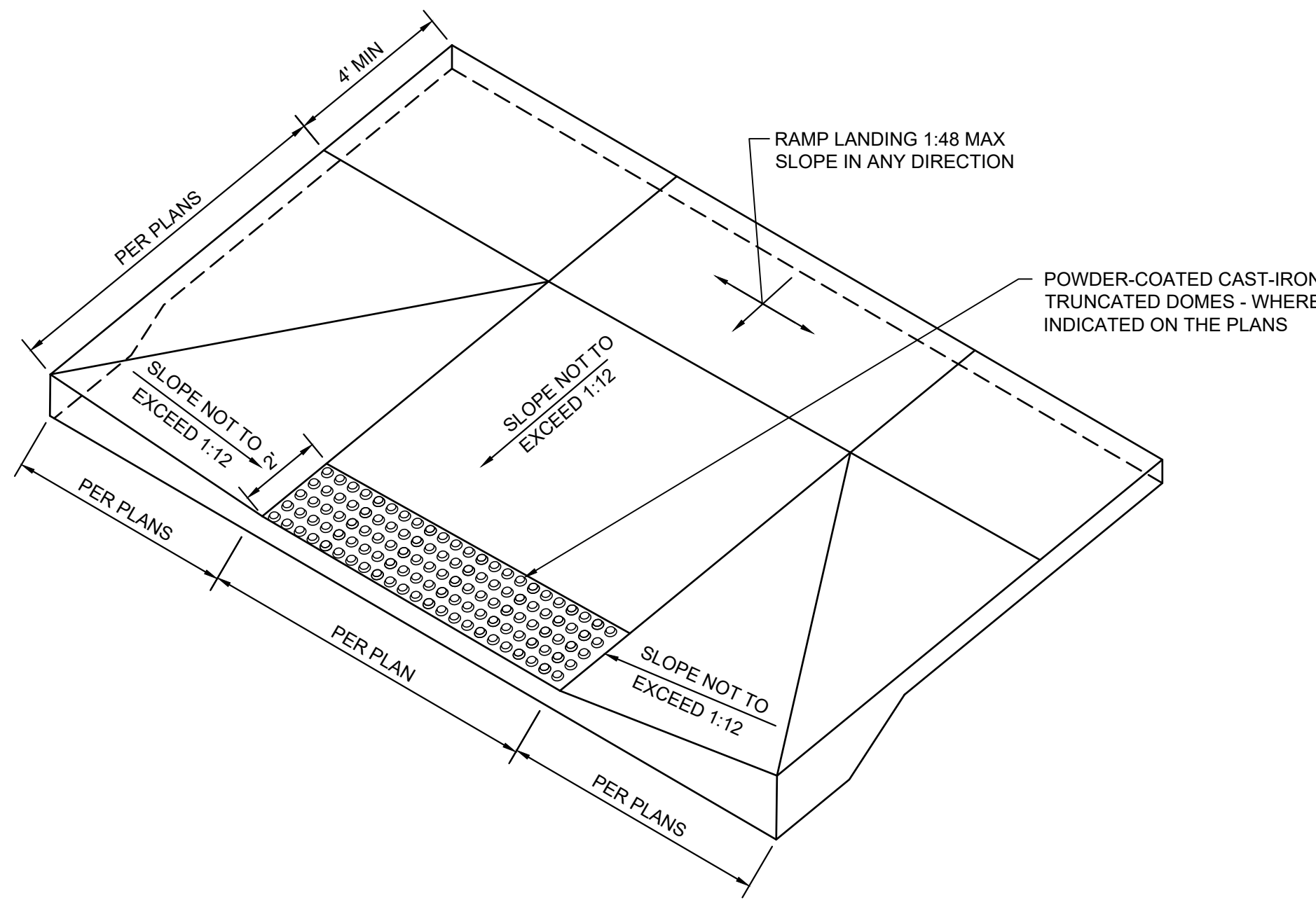
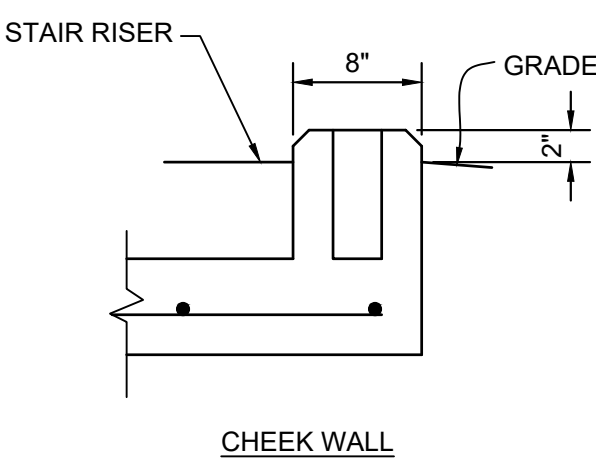
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CONCRETE STAIR
SECTION DETAIL

6
C5.1

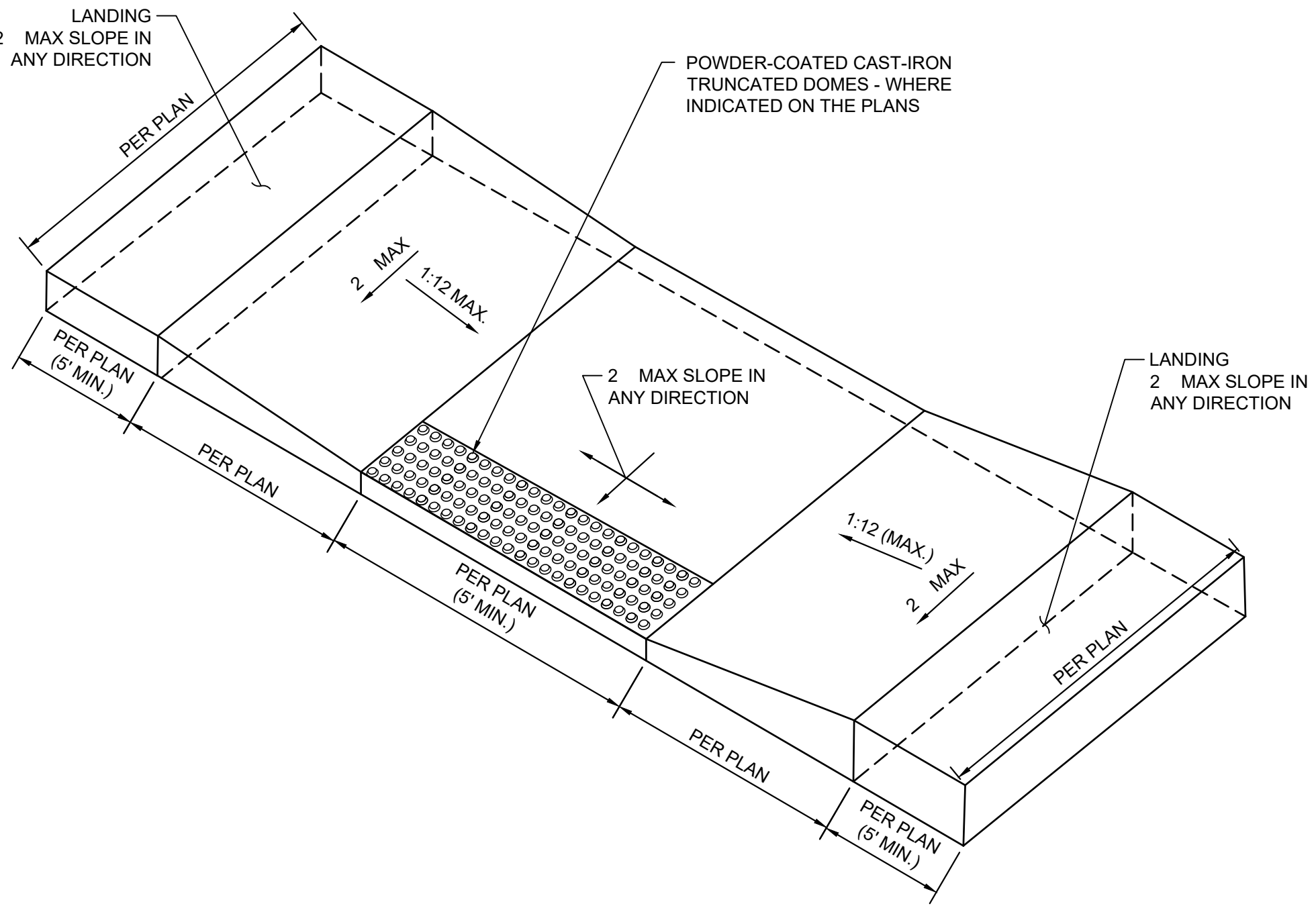
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PERPENDICULAR
CURB RAMP DETAIL

8
C5.1

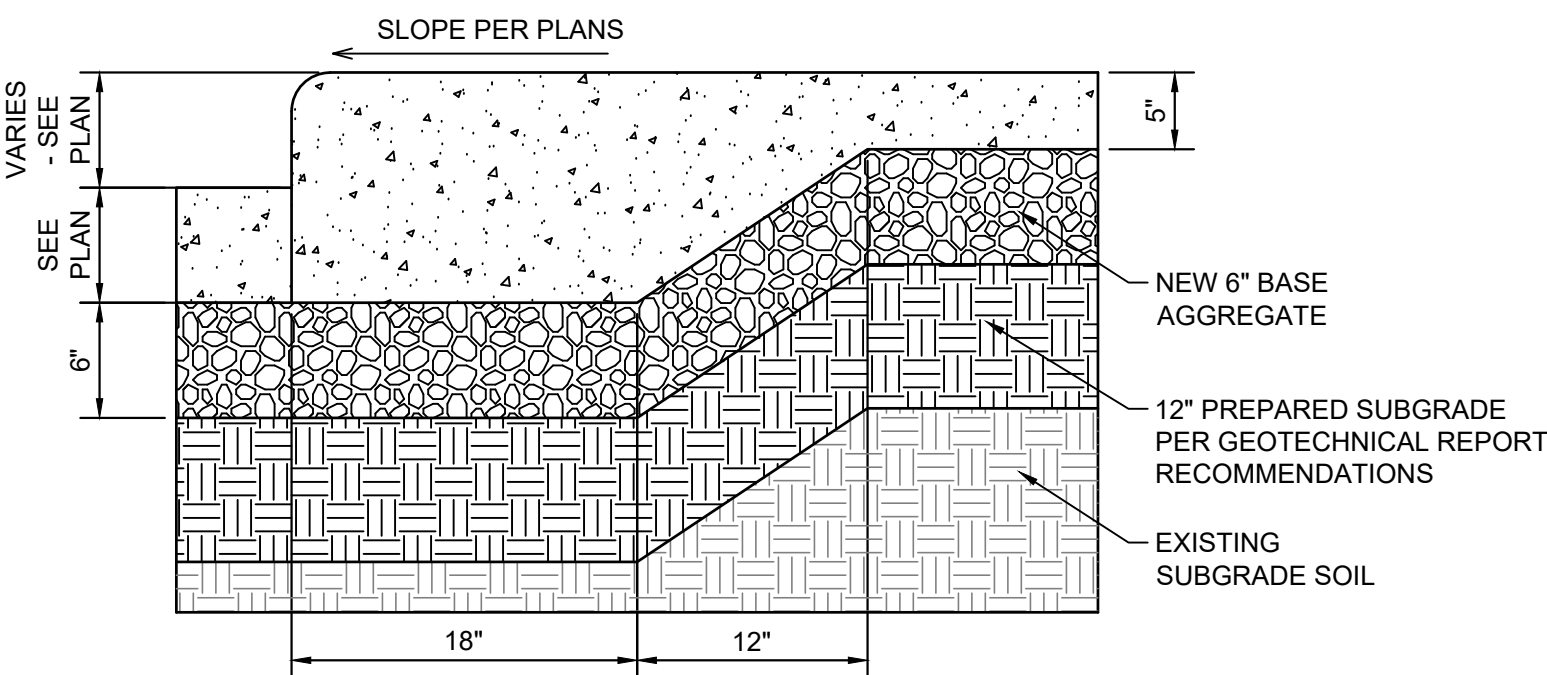
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PARALLEL CURB RAMP / LOADING
ZONE RAMP DETAIL

9
C5.1

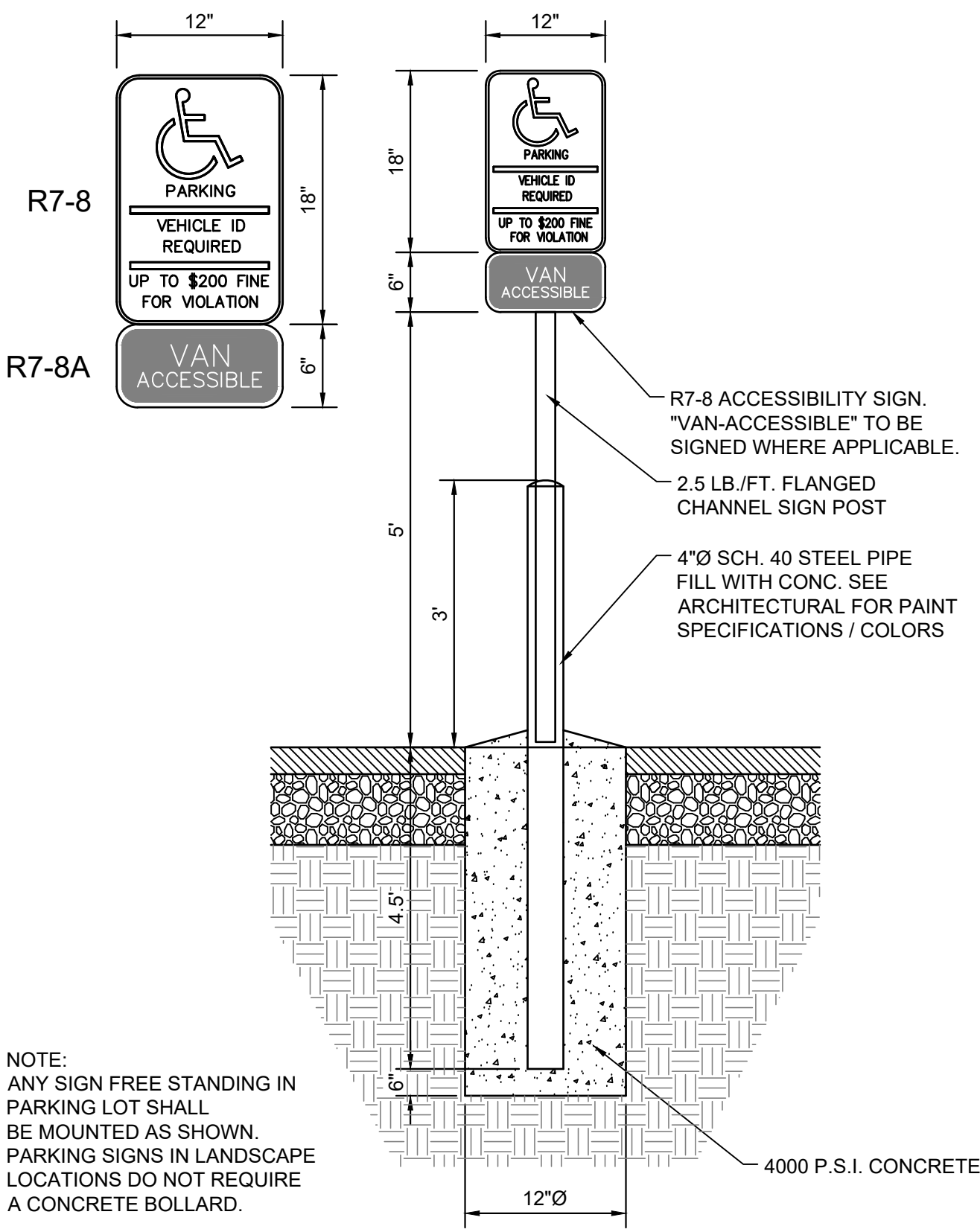
NOT TO SCALE



INTEGRAL CURB
& SIDEWALK DETAIL

3
C5.1

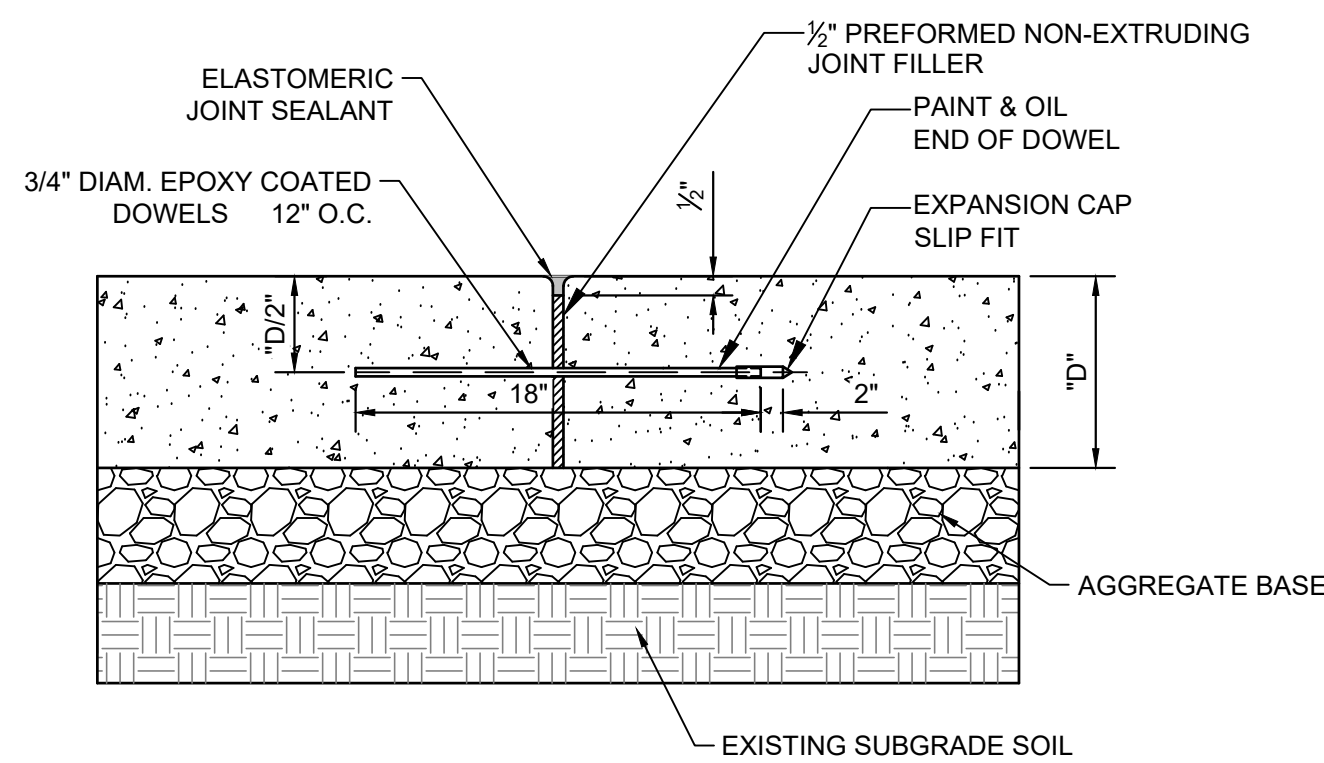
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ACCESSIBLE PARKING
SIGN AND POST DETAIL

7
C5.1

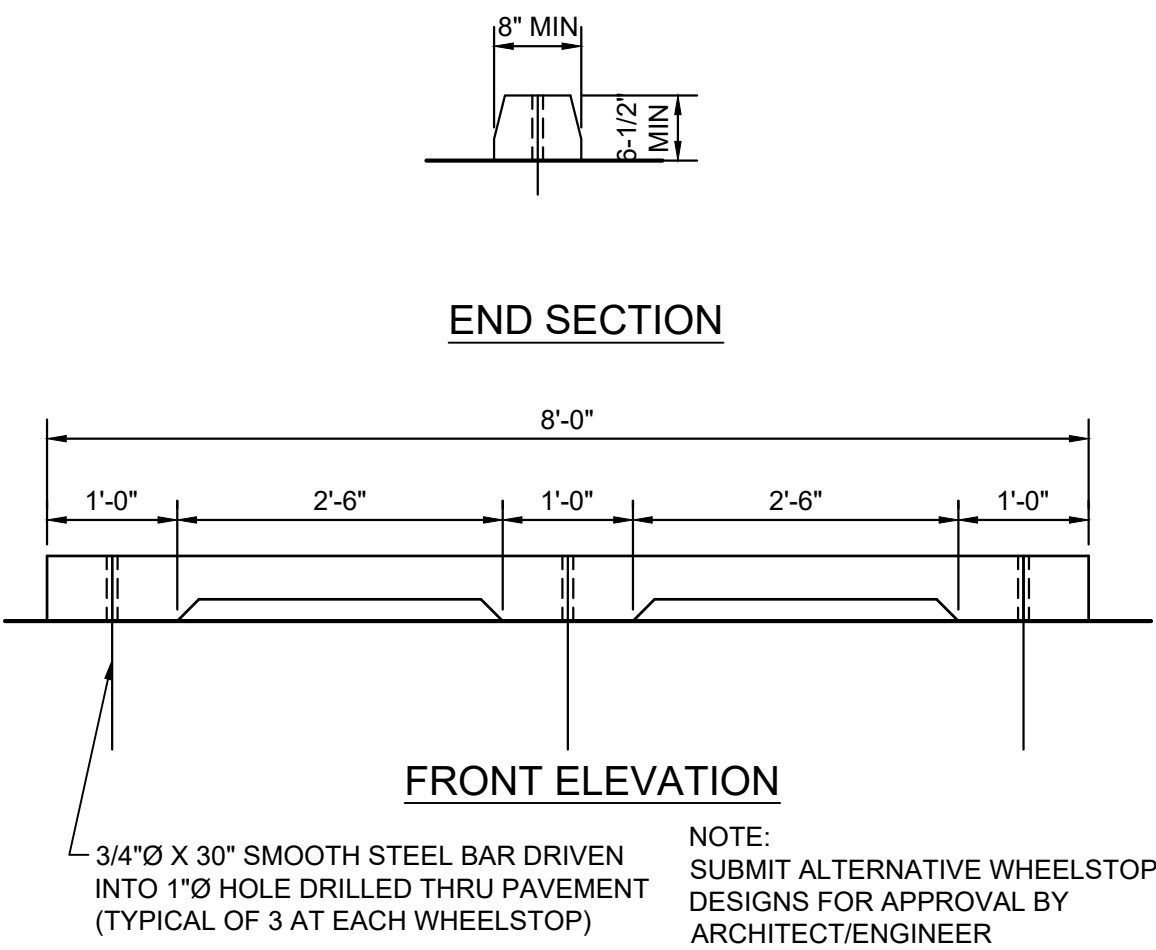
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DOWELED EXPANSION JOINT

4
C5.1

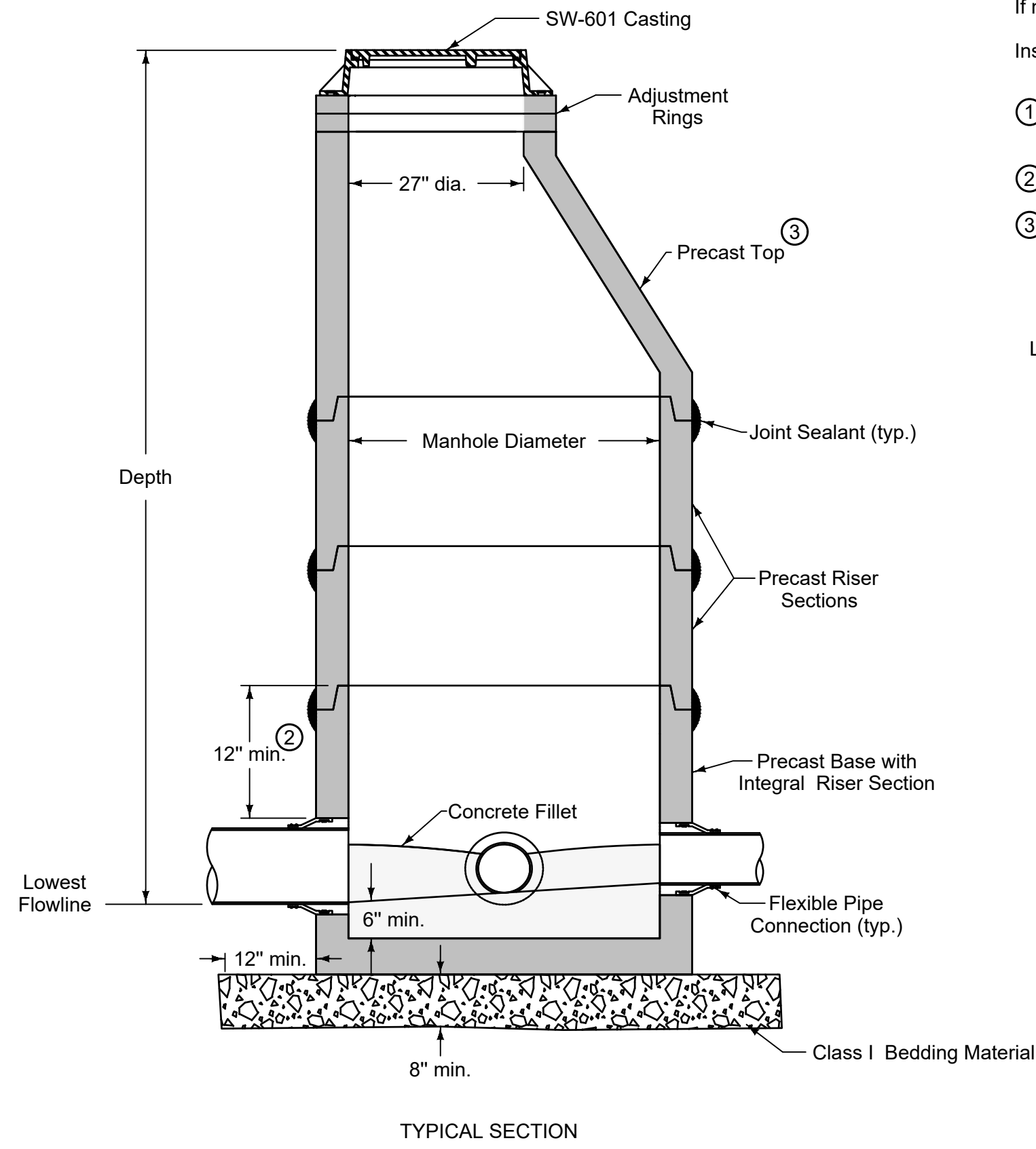
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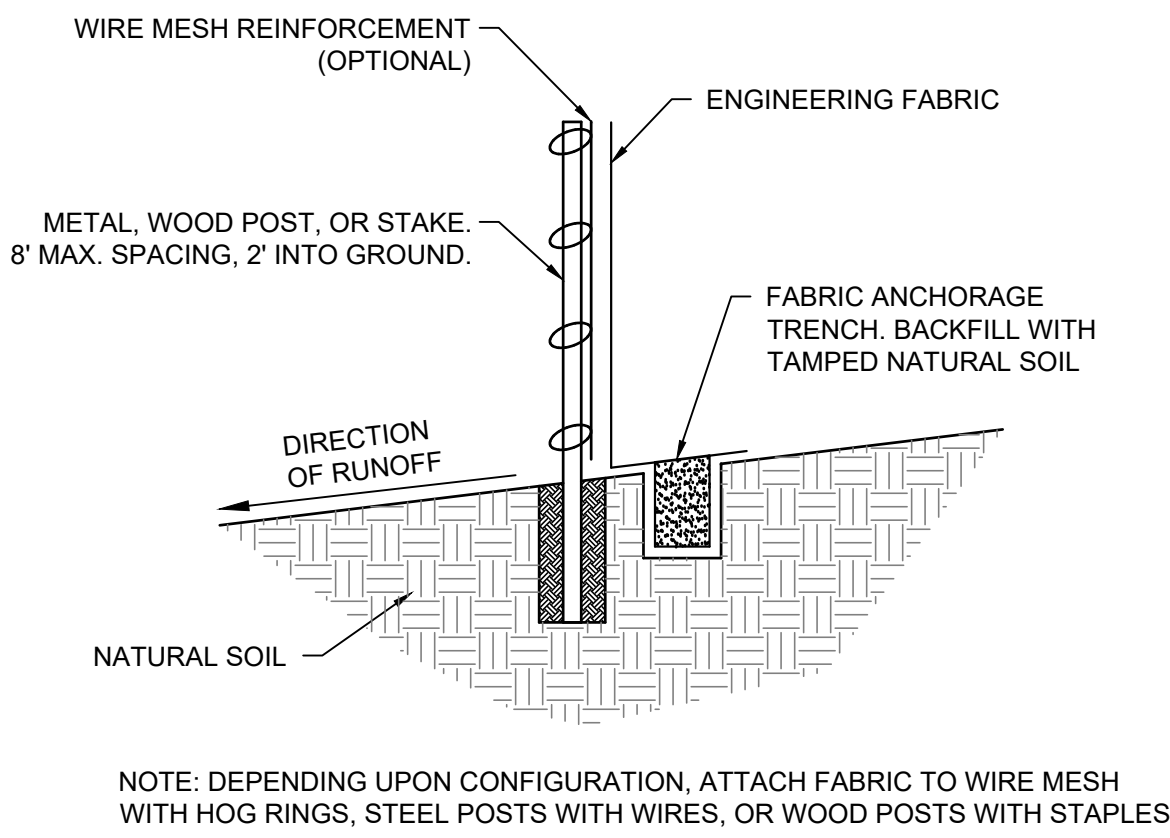
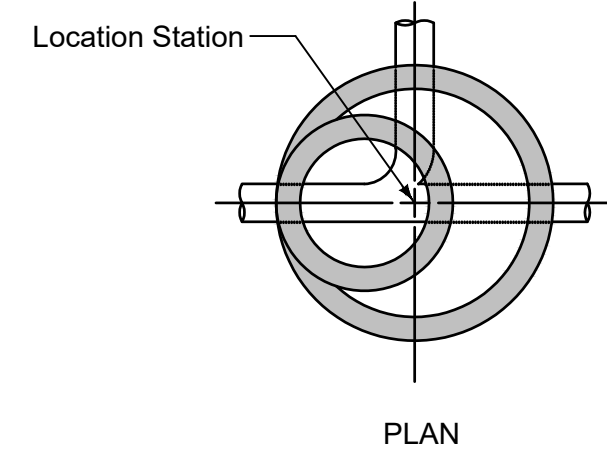
CONCRETE WHEELSTOP

10
C5.1

NOT TO SCALE



- If manhole depth exceeds 20 feet, install steps.
Install infiltration barrier.
- For additional configurations, maintain a minimum of 12 inches of concrete between vertical edges of pipe openings.
 - 12 inch minimum riser height above all pipe openings.
 - When specified, provide an eccentric flat top in Lieu of eccentric cone section.

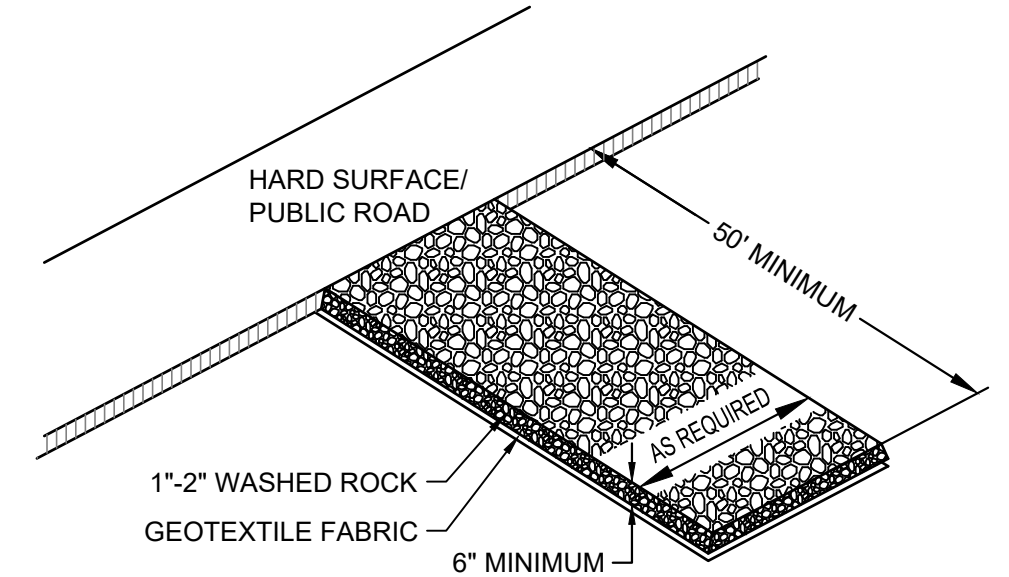


NOTE: DEPENDING UPON CONFIGURATION, ATTACH FABRIC TO WIRE MESH WITH HOG RINGS, STEEL POSTS WITH WIRES, OR WOOD POSTS WITH STAPLES.

3
C5.2

SILT FENCE INSTALLATION DETAIL

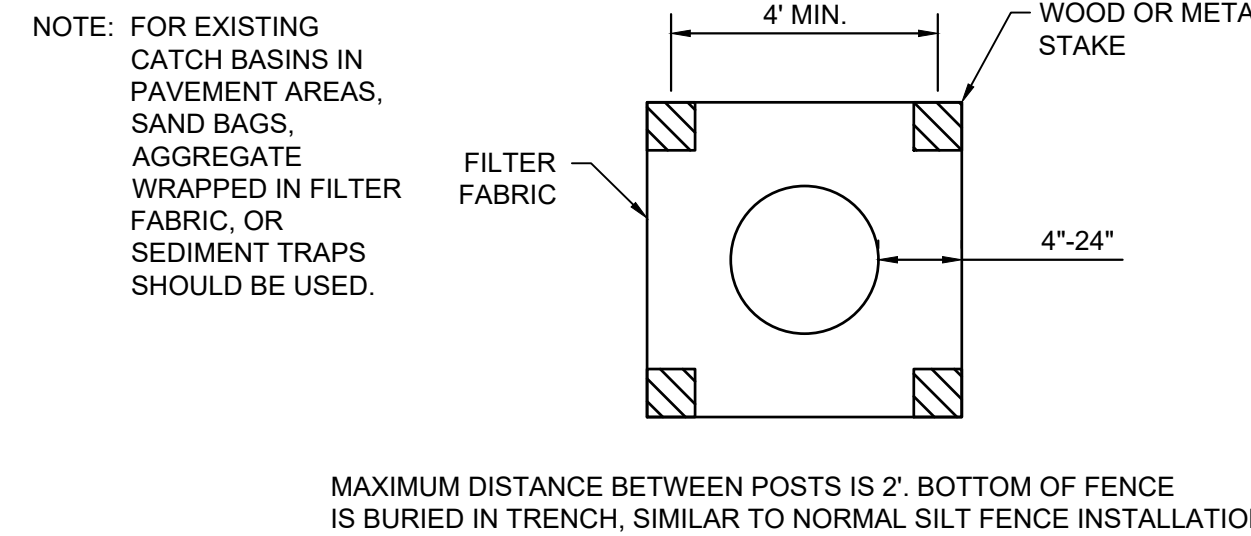
NOT TO SCALE



6
C5.2

ROCK CONSTRUCTION ENTRANCE

NOT TO SCALE

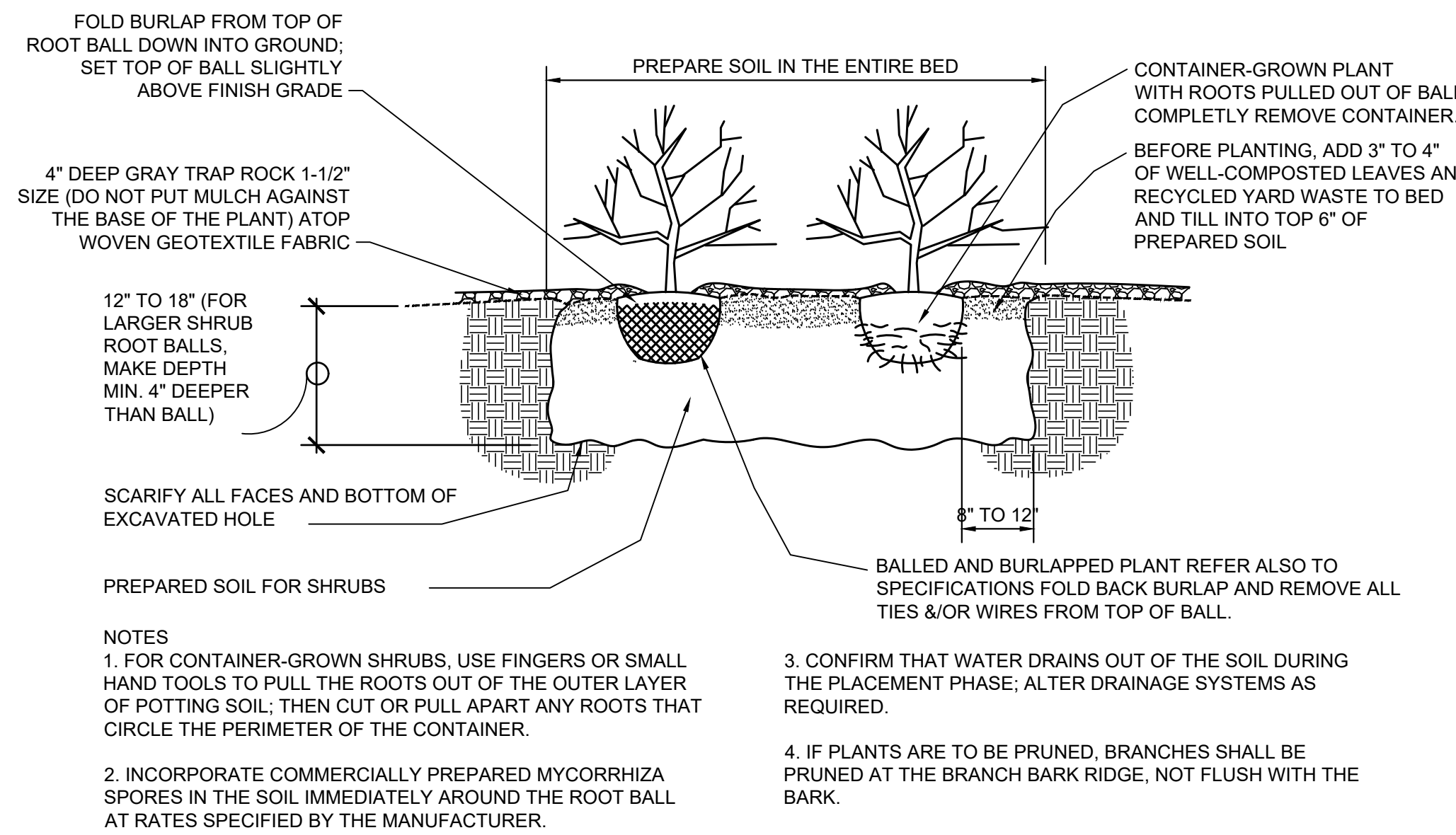


MAXIMUM DISTANCE BETWEEN POSTS IS 2'. BOTTOM OF FENCE IS BURIED IN TRENCH, SIMILAR TO NORMAL SILT FENCE INSTALLATION.

7
C5.2

SILT FENCE INLET SEDIMENT FILTER

NOT TO SCALE

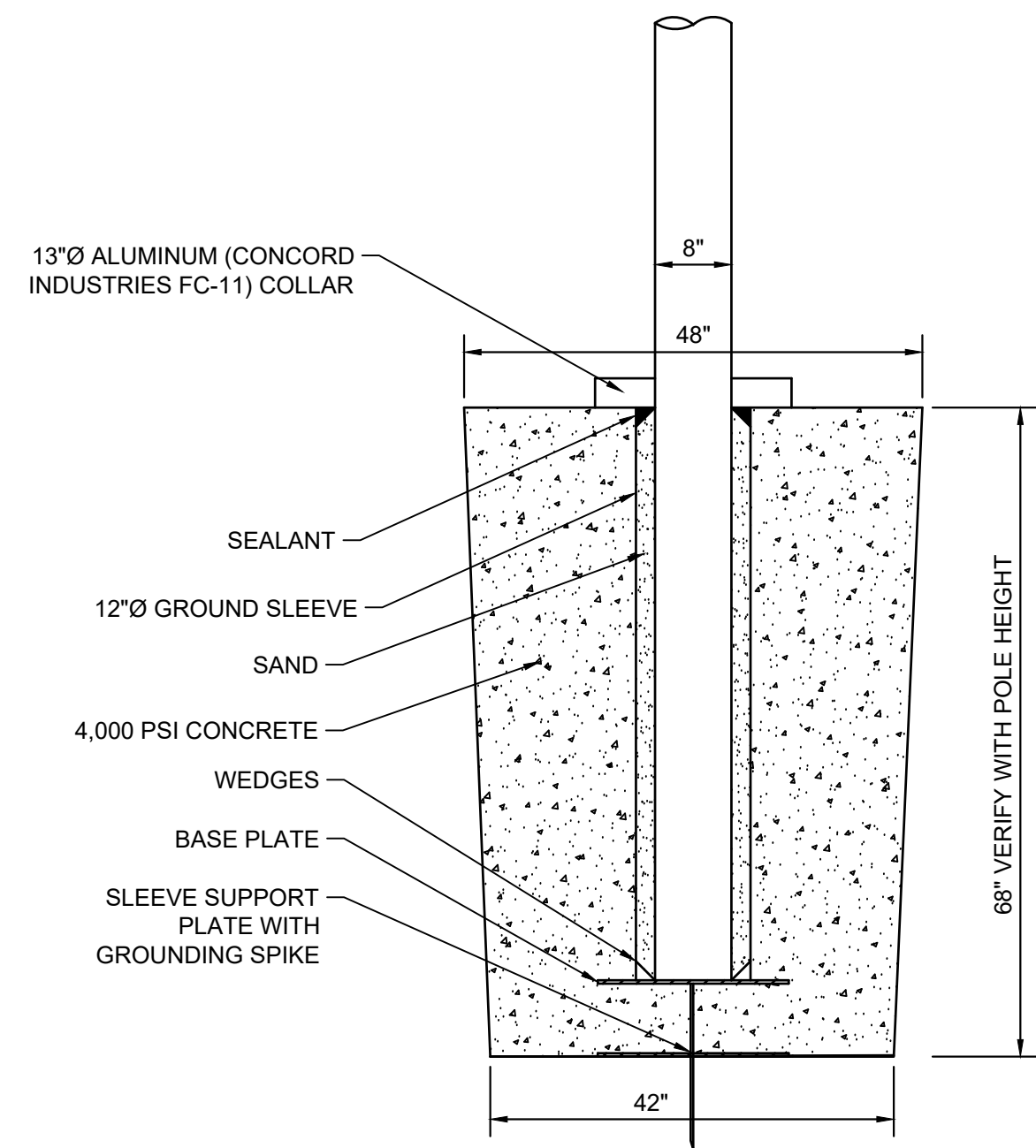


- NOTES
- FOR CONTAINER-GROWN SHRUBS, USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL; THEN CUT OR PULL APART ANY ROOTS THAT CIRCLE THE PERIMETER OF THE CONTAINER.
 - INCORPORATE COMMERCIALLY PREPARED MYCORRHIZA SPORES IN THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATES SPECIFIED BY THE MANUFACTURER.
 - CONFIRM THAT WATER DRAINS OUT OF THE SOIL DURING THE PLACEMENT PHASE; ALTER DRAINAGE SYSTEMS AS REQUIRED.
 - IF PLANTS ARE TO BE PRUNED, BRANCHES SHALL BE PRUNED AT THE BRANCH BARK RIDGE, NOT FLUSH WITH THE BARK.

2
C5.2

SHRUB PLANTING

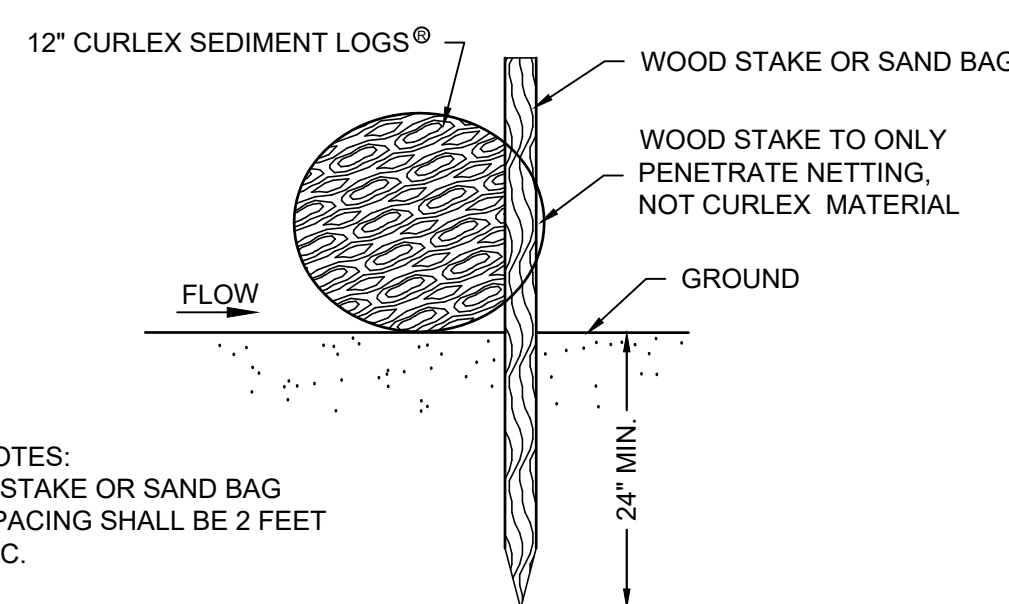
NOT TO SCALE



4
C5.2

FLAG POLE FOUNDATION DETAIL

NOT TO SCALE

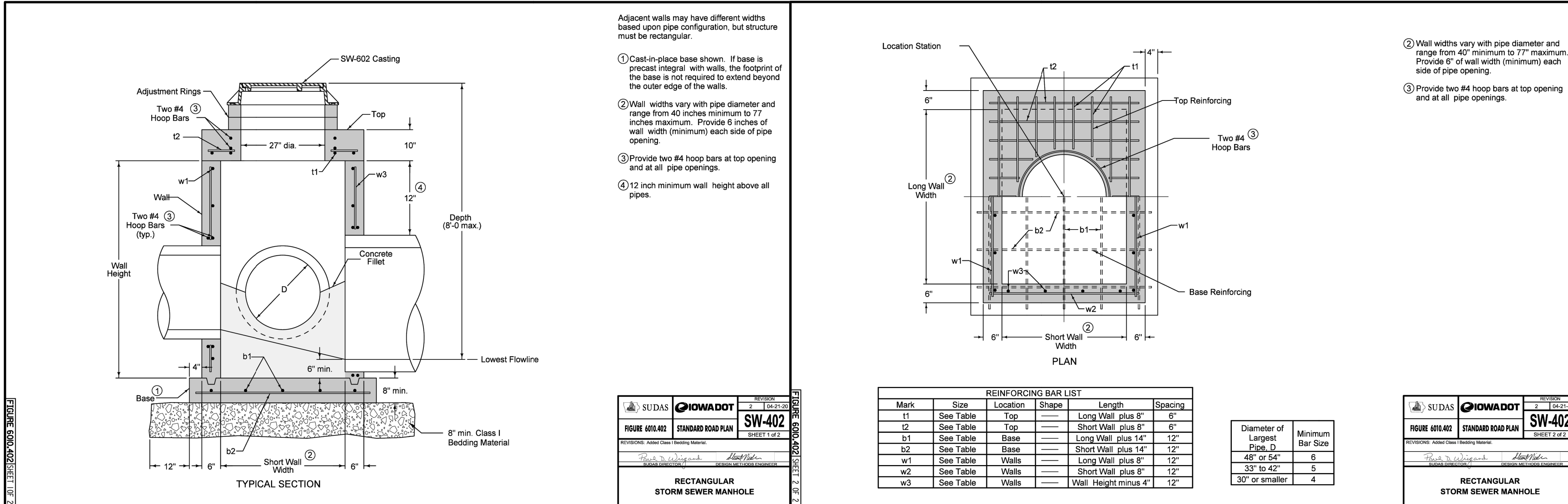


- NOTES:
- STAKE OR SAND BAG SPACING SHALL BE 2 FEET O.C.

8
C5.2

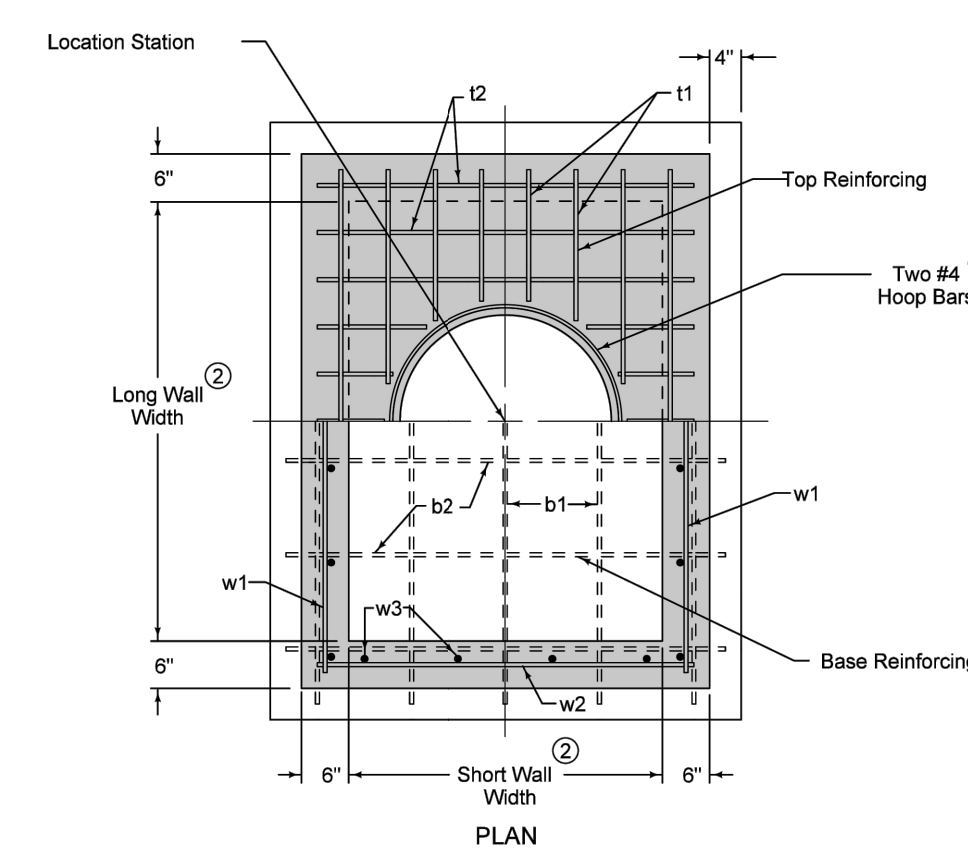
SEDIMENT LOG DETAIL

NOT TO SCALE



Adjacent walls may have different widths based upon pipe configuration, but structure must be rectangular.

- Cast-in-place base shown. If base is precast integral with walls, the footprint of the base is not required to extend beyond the outer edge of the walls.
- Wall widths vary with pipe diameter and range from 40 inches minimum to 77 inches maximum. Provide 6 inches of wall width (minimum) each side of pipe opening.
- Provide two #4 hoop bars at top opening and at all pipe openings.
- 12 inch minimum wall height above all pipes.



REINFORCING BAR LIST					
Mark	Size	Location	Shape	Length	Spacing
t1	See Table	Top	Long Wall	plus 8"	6"
t2	See Table	Top	Short Wall	plus 8"	6"
b1	See Table	Base	Long Wall	plus 14"	12"
b2	See Table	Base	Short Wall	plus 14"	12"
w1	See Table	Walls	Long Wall	plus 8"	12"
w2	See Table	Walls	Short Wall	plus 8"	12"
w3	See Table	Walls	Wall	Height minus 4"	12"

Diameter of Largest Pipe, D	Minimum Bar Size
48" or 64"	6
33" to 42"	5
30" or smaller	4

- Wall widths vary with pipe diameter and range from 40" minimum to 77" maximum. Provide 6" of wall width (minimum) each side of pipe opening.
- Provide two #4 hoop bars at top opening and at all pipe openings.

Mark	Size	Location	Shape	Length	Spacing
t1	See Table	Top	Long Wall	plus 8"	6"
t2	See Table	Top	Short Wall	plus 8"	6"
b1	See Table	Base	Long Wall	plus 14"	12"
b2	See Table	Base	Short Wall	plus 14"	12"
w1	See Table	Walls	Long Wall	plus 8"	12"
w2	See Table	Walls	Short Wall	plus 8"	12"
w3	See Table	Walls	Wall	Height minus 4"	12"

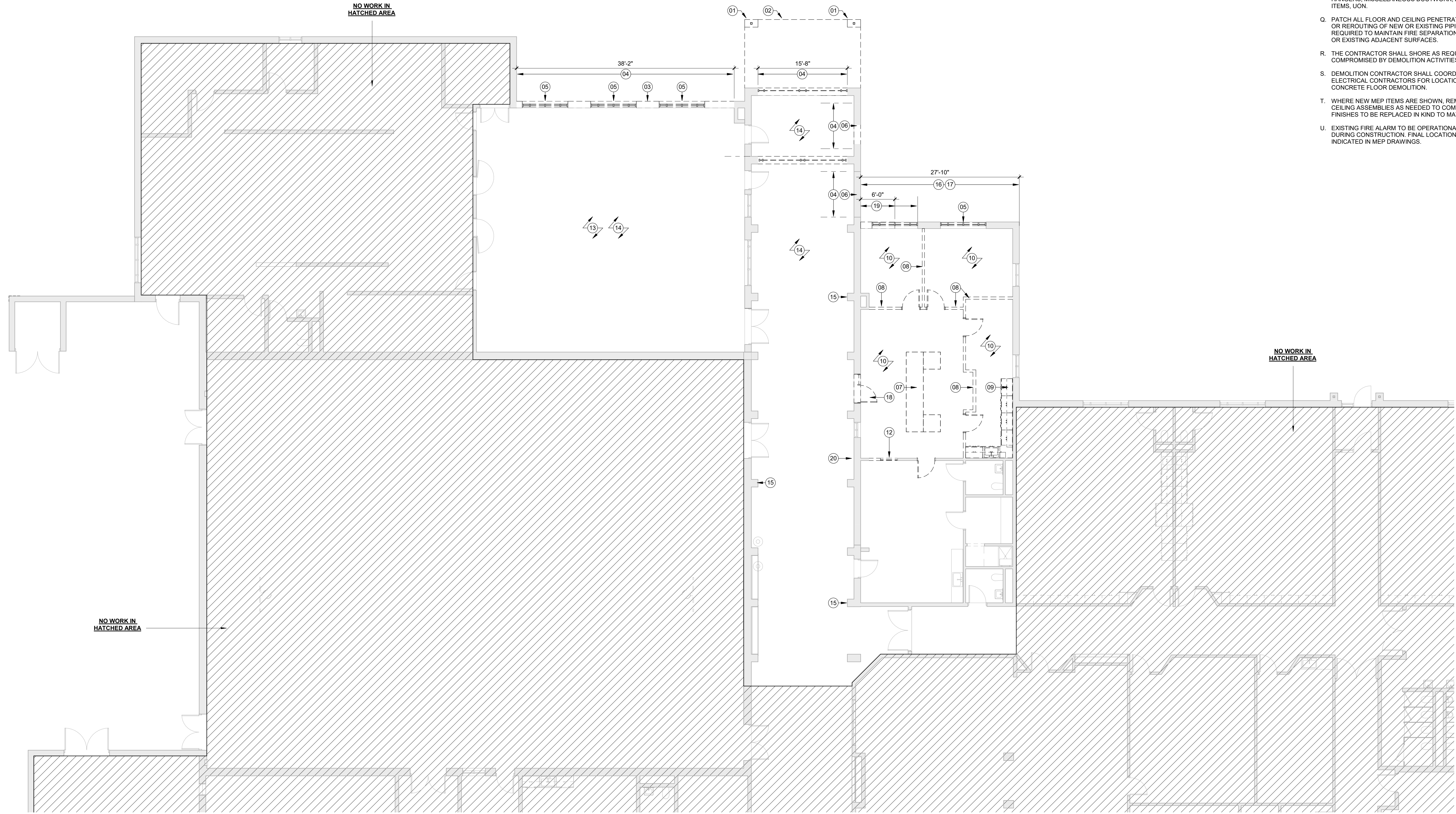
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C5.2

STORM SEWER MANHOLE (SW402)

NOT TO SCALE

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P1 DEMOLITION PLAN - LEVEL 01
AD1.1 SCALE: 1/8" = 1'-0"

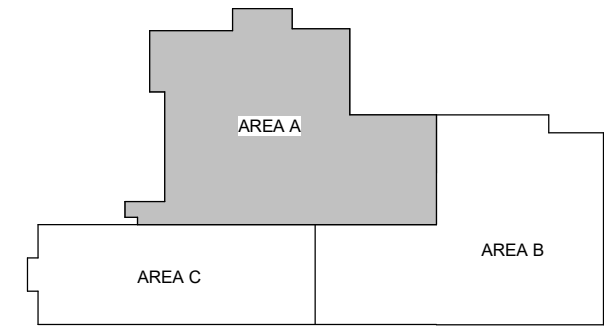


DEMOLITION PLAN KEYED NOTES	
01	REMOVE COLUMN IN ITS ENTIRETY; SALVAGE BRICK
02	REMOVE OVERHEAD CANOPY IN ITS ENTIRETY; COORD W/ STR
03	REMOVE WALL IN ITS ENTIRETY; COORD W/ STR; SALVAGE BRICK WHERE APPLICABLE
04	REMOVE WALL TO EXTENTS; COORD W/ STR; COORD FINAL DIMENSIONS W/ EXISTING COURSING; SALVAGE BRICK
05	REMOVE WINDOW IN ITS ENTIRETY
06	REMOVE WINDOW IN ITS ENTIRETY; EXTEND OPENING TO FLOOR; COORD W/ STR; SALVAGE BRICK
07	REMOVE DESK IN ITS ENTIRETY
08	REMOVE PARTITION IN ITS ENTIRETY
09	REMOVE ALL CASEWORK AND ASSOCIATED MECH AND ELEC EQUIPMENT/DEVICES (I.E. SINKS, FAUCETS, OUTLETS, ETC) WHERE PRESENT IN THEIR ENTIRETY. SEE MECH AND ELEC DEMOLITION SHEETS FOR ADDITIONAL INFORMATION.
10	REMOVE EXISTING FLOORING, BASE, CEILING AND GRID
12	REMOVE WALL AS NECESSARY FOR NEW DOOR OPENING AND FRAME; COORDINATE WITH FLOOR PLAN
13	REMOVE EXISTING CEILING TILES AND GRID ONLY AS NECESSARY FOR NEW CONSTRUCTION; SALVAGE FOR REUSE IN NEW CONSTRUCTION WHERE POSSIBLE; REPLACE EXISTING DAMAGED/STAINED CEILING TILE TO MATCH EXISTING WHERE NEEDED.
14	MAINTAIN AND PROTECT FLOORING IN PLACE DURING CONSTRUCTION.
15	REMOVE & REPLACE EXISTING DECORATIVE GLAZED MASONRY UNIT; TYP ALL MASONRY PIERS IN MAIN CORRIDOR. SEE A1.1 FOR FURTHER INFORMATION
16	REMOVE EXISTING FACEBRICK BELOW COPING ALONG EXTENTS; COORD EXTENTS WITH STR DETAILS AND PROPOSED BAR JOIST
17	REMOVE EXISTING COPING ALONG EXTENTS; PREPARE FOR NEW ROOF MEMBRANE AND COPING INTEGRATION
18	REMOVE AND REPLACE EXISTING DOOR ONLY; FRAME AND SIDELITE TO REMAIN
19	REMOVE EXISTING WINDOW IN ENTIRETY; ADDTL DEMOLITION AT DIMENSION STRING FOR NEW OPENING; INFILL W/ SALVAGED BRICK OUTSIDE NEW OPENING; COORD FINAL DIMENSIONS W/ EXISTING COURSING
20	REMOVE EXISTING DEDICATION PLAQUE

- DEMOLITION GENERAL NOTES:**
- A. DEMOLITION PLAN NOTES APPLY TO ALL DEMOLITION PLAN SHEETS.
- B. COORDINATE ALL DEMOLITION/PHASING EFFORTS WITH THE ARCHITECT-ENGINEER AND OWNER'S REPRESENTATIVES. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF BUILDING OPERATION AND TO PROVIDE OCCUPANT SAFETY. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE.
- C. COORDINATE WITH THE OWNER ANY PRE-APPROVED DISRUPTION OF SERVICE WITHIN THE EXISTING BUILDING. VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES SO AS NOT TO INADVERTENTLY INTERRUPT THE CONTINUITY OF THEIR SERVICE.
- D. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
- E. MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT THE EXTERIOR OF THE EXISTING BUILDING THROUGHOUT THE DEMOLITION AND CONSTRUCTION PORTION OF THE WORK IN THAT AREA.
- F. BUILDING SECURITY SHALL BE COORDINATED WITH THE OWNER.
- G. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT-ENGINEER OF ANY DISCREPANCIES.
- H. ITEMS TO BE DEMOLISHED ARE SHOWN GRAPHICALLY WITH DASHED LINES.
- I. REFER TO KEYED NOTES FOR SPECIFIC ITEMS TO BE REMOVED. ALL ITEMS ARE NOT KEYED. REMOVE EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, ETC. AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE ARCHITECT-ENGINEER.
- J. REMOVE ALL DEMOLITION MATERIALS FROM THE SITE. UON. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
- K. PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
- L. REPAIR OR REPLACE ANY WALLS, FLOORS, OR EQUIPMENT DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
- M. THE CONTRACTOR SHALL STORE AND PROTECT ANY MATERIALS TO BE REUSED AND WILL BE RESPONSIBLE FOR VERIFYING AND MAINTAINING THE FUNCTIONAL AND AESTHETIC INTEGRITY OF THE MATERIALS.
- N. REMOVE ALL EXISTING WALL BASE, FLOORING, AND CEILING FINISHES IN EXISTING ADMINISTRATION WING UNLESS OTHERWISE NOTED.
- O. CONTRACTOR TO INVENTORY ALL LOOSE STORAGE SYSTEMS AND COORDINATE W/ OWNER SYSTEMS INTENDED FOR REUSE.
- P. REMOVE ALL ABANDONED PIPING, ELECTRICAL CONDUIT, MISCELLANEOUS HANGERS, MISCELLANEOUS DUCTWORK, AND ALL OTHER ABANDONED ITEMS, UON.
- Q. PATCH ALL FLOOR AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR REROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, ETC. AS REQUIRED TO MAINTAIN FIRE SEPARATIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
- R. THE CONTRACTOR SHALL SHORE AS REQUIRED ANY AREAS AFFECTED OR COMPROMISED BY DEMOLITION ACTIVITIES.
- S. DEMOLITION CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR LOCATION OF ASSOCIATED SAWCUTS AND CONCRETE FLOOR DEMOLITION.
- T. WHERE NEW MEP ITEMS ARE SHOWN, REMOVE AND REPLACE WALL AND CEILING ASSEMBLIES AS NEEDED TO COMPLETE NEW INSTALLATION. ALL FINISHES TO BE REPLACED IN KIND TO MATCH EXISTING.
- U. EXISTING FIRE ALARM TO BE OPERATIONAL AND TEMPORARILY SUPPORTED DURING CONSTRUCTION. FINAL LOCATIONS WITHIN WORK AREA ARE INDICATED IN MEP DRAWINGS.

ROCSD Inman Elementary Remodel

900 Inman Drive
Red Oak, IA 51566



ALLEY POYNER
MACCHIETTO
ARCHITECTURE

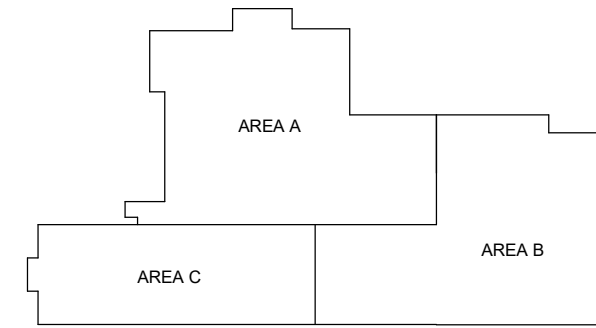
REVISION	DATE
Project Number:	24077
Date:	09.03.2025
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DEMOLITION PLAN - LEVEL
01

AD1.1

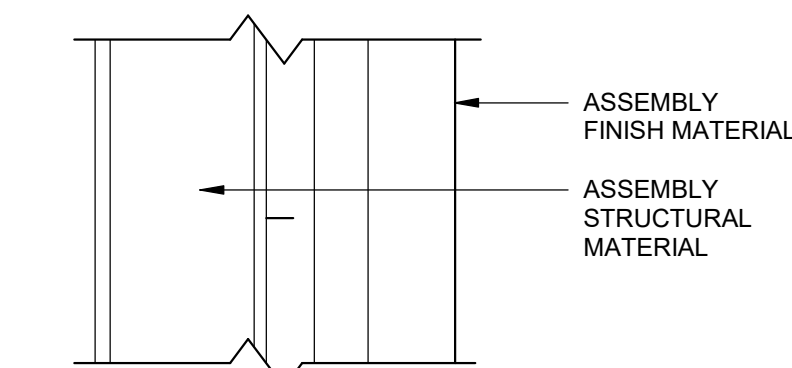
ROCSD Inman
Elementary
Remodel

900 Inman Drive
Red Oak, IA 51566

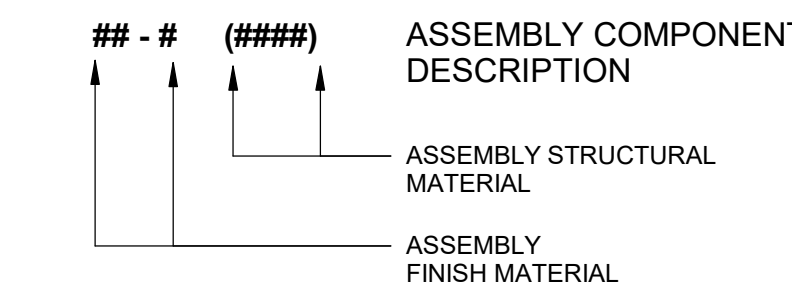


- BUILDING ASSEMBLY GENERAL NOTES:**
- THE BUILDING ENVELOPE INCLUDES AIR, VAPOR, AND WEATHER BARRIER COMPONENTS (AWB). THERMAL INSULATION IS PROVIDED AS CONTINUOUS INSULATION (ci) AS INDICATED IN THESE PLANS AND SPECIFICATIONS.
 - BUILDING ENVELOPE COMPONENTS ARE TO MAINTAIN CONTINUITY AND INTEGRATE W/ ROOF MEMBRANES AND VARIOUS MATERIALS THAT INTEGRATE THESE COMPONENTS.
 - WHERE COMPONENTS OF THE ENVELOPE INTERSECT OR TERMINATE, UTILIZE SEALANTS, SELF ADHERED MEMBRANES AND FLUID APPLIED MEMBRANES COMPATIBLE WITH ALL COMPONENTS TO MAINTAIN CONTINUITY. GC TO COORDINATE WITH ALL TRADES TO MAINTAIN COMPATIBILITY OF SYSTEMS AND COMPONENTS.
 - WHERE COMPONENTS OF THE BUILDING ENVELOPE ARE PENETRATED, SEAL ALL OPENINGS AND ANCILLARY SPACES WITH COMPATIBLE MATERIALS TO MAINTAIN A CONTINUOUS SYSTEM.
 - WHERE EXISTING EXTERIOR WALLS AFFECT CONSTRUCTION, PATCH AND REPAIR EXISTING WEATHER/AIR BARRIER, INTEGRATE ANY NEW OBSTRUCTIONS TO ALLOW FOR CONTINUITY AND POSITIVE DRAINAGE.
 - WHERE THE INTERIOR MEMBRANE OF EXTERIOR WALLS ARE REMOVED AND VAPOR BARRIER EXPOSED, PATCH AND REPAIR EXISTING VAPOR BARRIER PRIOR TO REPLACING, REPAIRING OR PROVIDING NEW INTERIOR WALL MEMBRANE.
 - WHERE WORK TO BE COMPLETED AFFECTS EXISTING ROOF SYSTEMS THAT ARE NOT TO BE REPLACED, PATCH AND REPAIR ALL NEW PENETRATIONS SO AS TO MAINTAIN WEATHER TIGHT CONSTRUCTION AND ANY EXISTING ROOF WARRANTY THAT IS IN PLACE.
 - WHERE WORK TO BE COMPLETED AFFECTS EXISTING FLASHINGS AND CURBS, PROVIDE NEW FLASHINGS AND CURBS OR REPAIR EXISTING CURBS TO MAINTAIN WEATHER TIGHT CONDITIONS AND ANY EXISTING ROOF WARRANTY THAT IS IN PLACE.
 - WHERE NEW ROOF AND PARAPET CAPS ARE PROVIDED, INTEGRATE NEW MEMBRANE WITH ANY EXISTING EXTERIOR WEATHER BARRIER PRIOR TO RE-INSTALLING CORNICES.
 - ALL MATERIALS MUST MEET OR EXCEED THE DRAWN AND SPECIFIED R-VALUES, U-VALUES, AND AIR /MOISTURE PERFORMANCE REQUIREMENTS OF THE MATERIALS SPECIFIED.
 - SEE Q000 SHEET FOR SPECIFIC INFORMATION RELATED TO REQUIRED U-VALUES AND SHGC OF OPENINGS. COORDINATE FURTHER WITH SPECIFICATIONS. ALL VALUES ARE TO BE MET OR EXCEEDED.
 - WHERE DISCREPANCIES EXIST IN THE PLANS OR SPECIFICATIONS REPORT DISCREPANCIES TO OWNER AND ARCHITECT FOR RESOLUTION.
 - NOT ALL REFERENCED ASSEMBLIES ARE VISIBLE IN PLAN, ENLARGED PLAN, ROOF PLAN, OR PLAN DETAILS. REFERENCE WALL SECTIONS AND SECTION DETAILS FOR REMAINING ASSEMBLIES.
 - SELECT EXTERIOR ASSEMBLIES ARE PRESENT AT INTERIOR LOCATIONS, WHERE THIS OCCURS, EXTERIOR INSULATION & AWV SHALL BE OMITTED, BUT ACOUSTICAL BATT INSULATION SHALL BE ADDED TO THE STUD CAVITY FULL HEIGHT.

EXTERIOR ASSEMBLY LEGEND



FB - 1 (CFMF) FACE BRICK on COLD FORM METAL FRAMING



PARTITION TYPE NOTES:

- (METAL/WOOD STUDS, MASONRY & CONCRETE)
- THE PARTITION TYPES SHOWN INDICATE THE GENERAL CONSTRUCTION FEATURES OF THE MAJORITY OF THE CONSTRUCTION TO BE PROVIDED. THEY ARE NOT INTENDED TO REPRESENT A COMPLETE LISTING OF SYSTEMS REQUIRED AND DO NOT NECESSARILY INDICATE ALL OF THE CONSTRUCTION REQUIREMENTS TO BE PROVIDED BY THE CONTRACT DOCUMENTS.
 - REFER TO THE GENERAL NOTES ON SHEET G0.1 FOR ADDITIONAL REQUIREMENTS REGARDING PARTITIONS.
 - SEE CP SERIES SHEETS FOR LOCATION OF WALLS OF FIRE-RESISTIVE CONSTRUCTION.
 - PROVISIONS SHALL BE MADE AT ALL FULL-HEIGHT NON-BEARING WALLS FOR VERTICAL MOVEMENT OF THE BUILDING WITHOUT TRANSFER OF COMPRESSIVE LOADS TO THE WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE RATED INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET RATINGS AS INDICATED. SEE DETAILS ON A0 SHEET SERIES.
 - EXTEND WALL FRAMING AND GWB AT ALL PARTITIONS FULL HEIGHT TO UNDERSIDE OF DECK OR CEILING MEMBRANE, UON.
 - AT FURRED WALLS, EXTEND WALL FRAMING AND GWB 4 INCHES MINIMUM ABOVE THE FINISHED CEILING. IF NO CEILING OCCURS, EXTEND WALL FRAMING AND GWB FULL HEIGHT.
 - FIRESTOP ALL CAVITIES AT CEILING/FLOOR INTERSECTIONS WHERE GWB IS NOT CONTINUOUS TO DECK.
 - GWB AT CORRIDOR AND DEMISING WALLS TO EXTEND TO FLOOR / ROOF SHEATHING OR DECK UON, REFER TO TYPICAL DETAILS ON A0 SHEET SERIES WHEN SPECIFIC DETAILS ARE NOT PROVIDED.
 - PROVIDE MANUFACTURER'S PROPRIETARY GYPSUM BOARD (MEETING THE DESIGNATED FIRE REFERENCE LISTED IN THE UL ASSEMBLY) WHERE PARTITION IS INDICATED TO BE FIRE RATED ON PLANS. RATED PARTITION TO MEET CONSTRUCTION REQUIREMENTS OF FIRE RATING REFERENCE LISTED.
 - ALL GWB MEMBRANES TO BE CONTINUOUS AT INTERSECTION OF RATED WALL AND FLOOR/CEILING ASSEMBLIES.
 - GWB SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS AS DESCRIBED IN THE SPECIFICATIONS AND AS INDICATED IN THE DRAWINGS. ALL FINISHES ON RATED WALLS AND CEILINGS ARE TO BE CONTINUOUS AT INTERSECTING WALLS. SEE PLANS FOR ADDITIONAL SPECIFIC INFORMATION AND DETAILS. (GC TO COORDINATE ALL CONTROL JOINT LOCATIONS WITH ARCHITECT.)
 - RC CHANNEL TO BE LOCATED ON CORRIDOR SIDE OF WALL WHERE APPLICABLE. IN NON-CORRIDOR CONDITIONS, PROVIDE RC CHANNEL ON TAGGED SIDE OF WALL, UON.
 - COORDINATE WITH FINISH SCHEDULE FOR LOCATION OF APPLIED WALL FINISHES (SUCH AS CERAMIC TILE, WALL COVERINGS, ETC) THAT AFFECT PARTITION CONSTRUCTION REQUIREMENTS AND SURFACE PREPARATION. GC TO COORDINATE WALL REQUIREMENTS AND VERIFY DIMENSIONS BASED UPON THESE FINISHES.
 - ALL INTERIOR WALLS SHALL BE TYPE A2A, UON.
 - IF WALL IS TO RECEIVE VAPOR RETARDER, EXTEND VAPOR RETARDER TO DECK ABOVE. AT FURRED WALLS, PROVIDE A VAPOR RETARDER, EXTEND GWB TO DECK AND SEAL.
 - COORDINATE ALL BRACING, SHEAR WALL PANELS AND STRAPPING WITH STRUCTURAL DRAWINGS. BRACING IS NOT TO BE LOCATED IN VISIBLE AREAS, UON.

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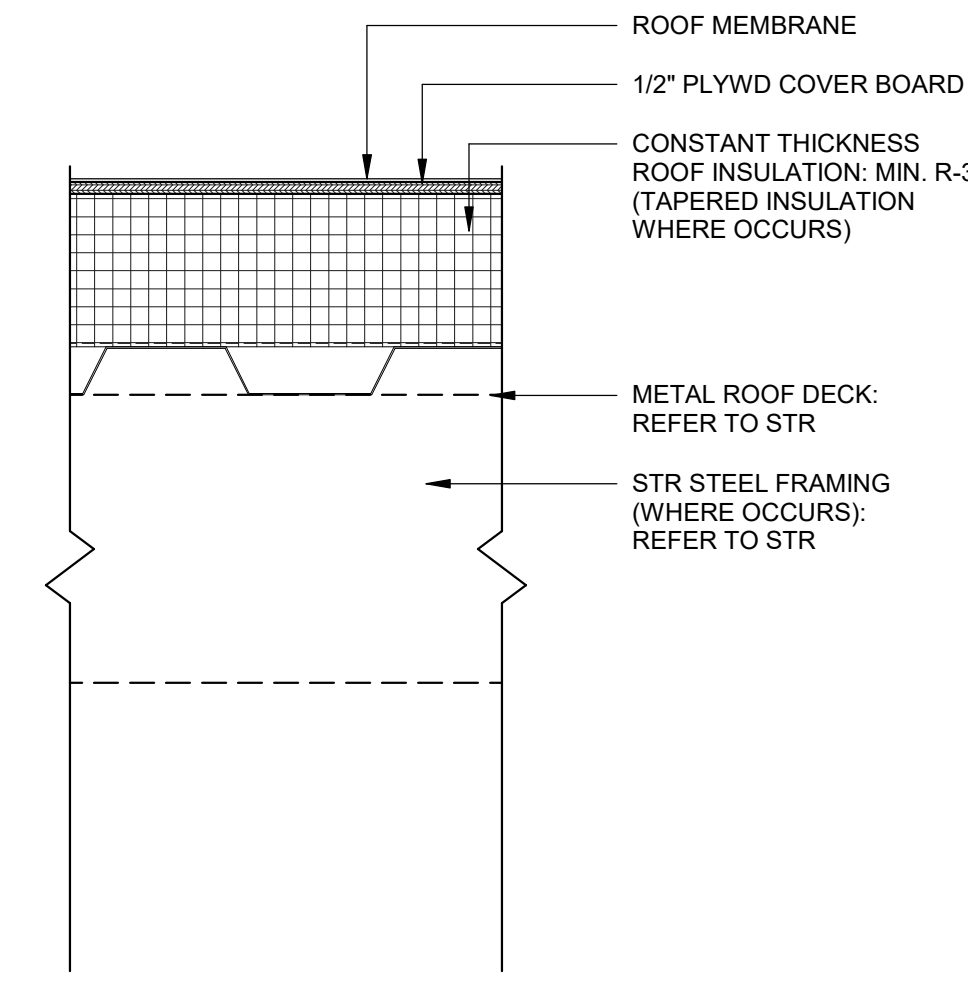
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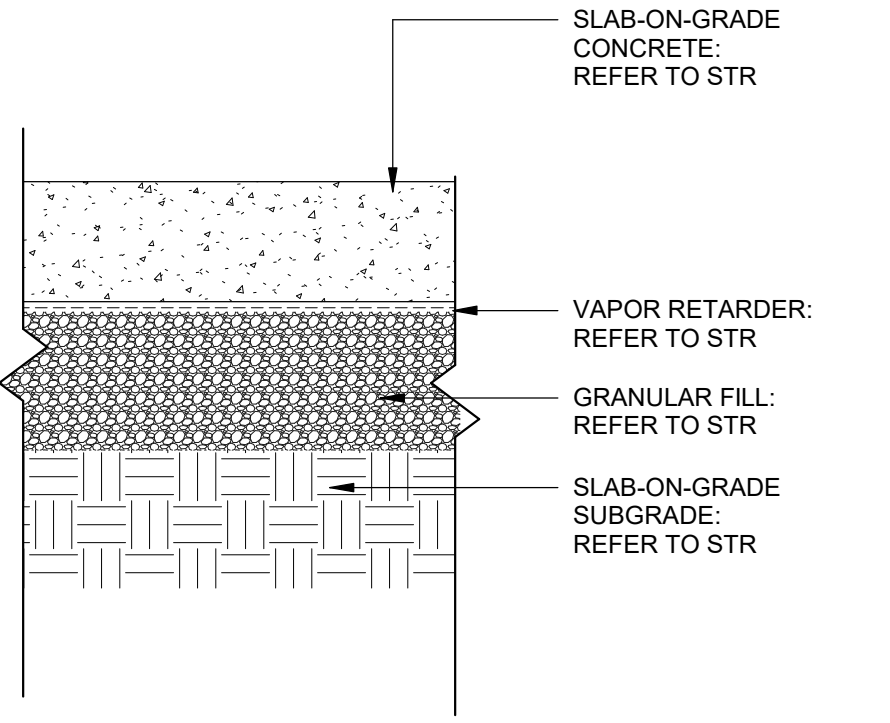
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BUILDING ASSEMBLIES & PARTITION TYPES

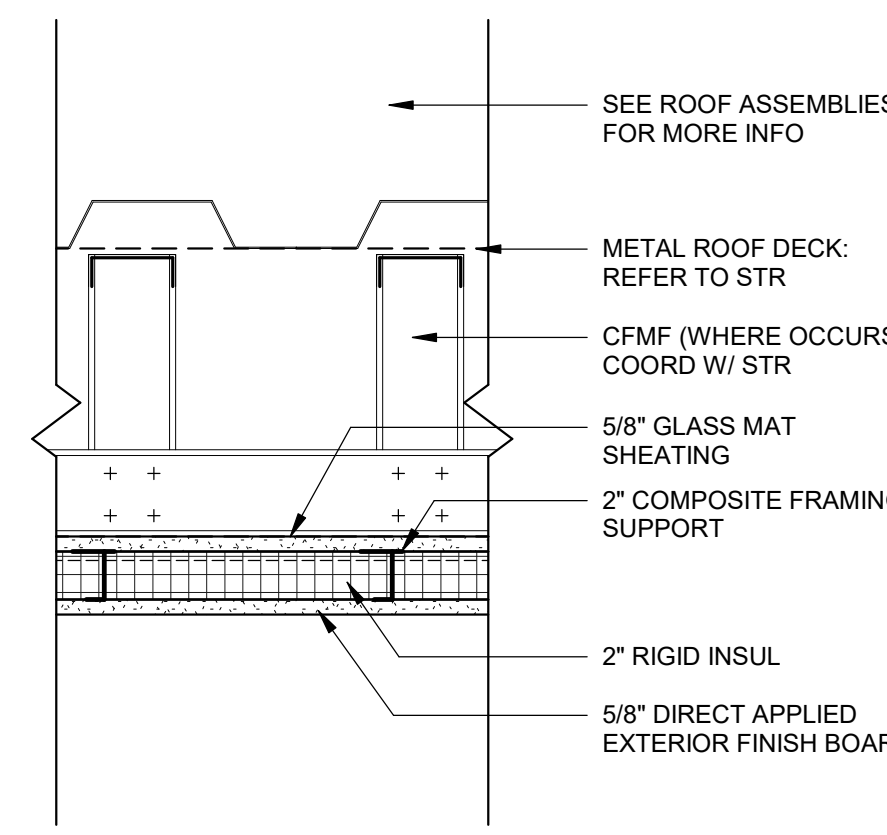
A0.0



RF-1



FL-1

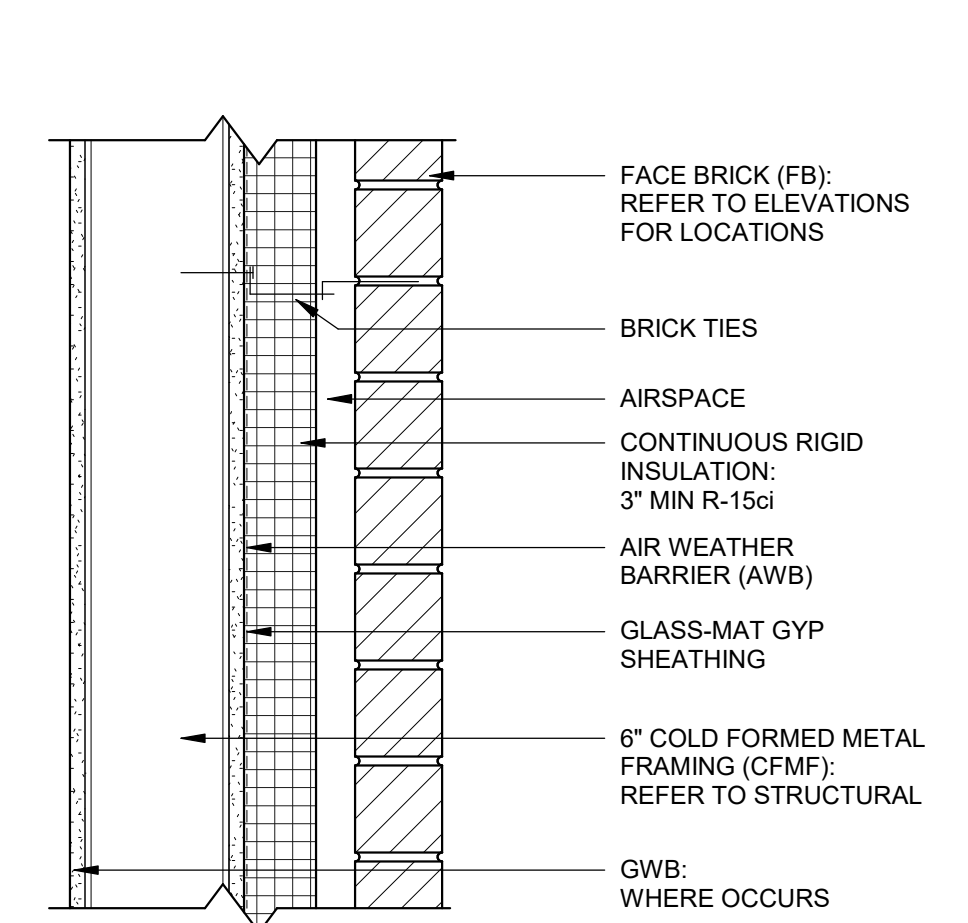


DEFS-1

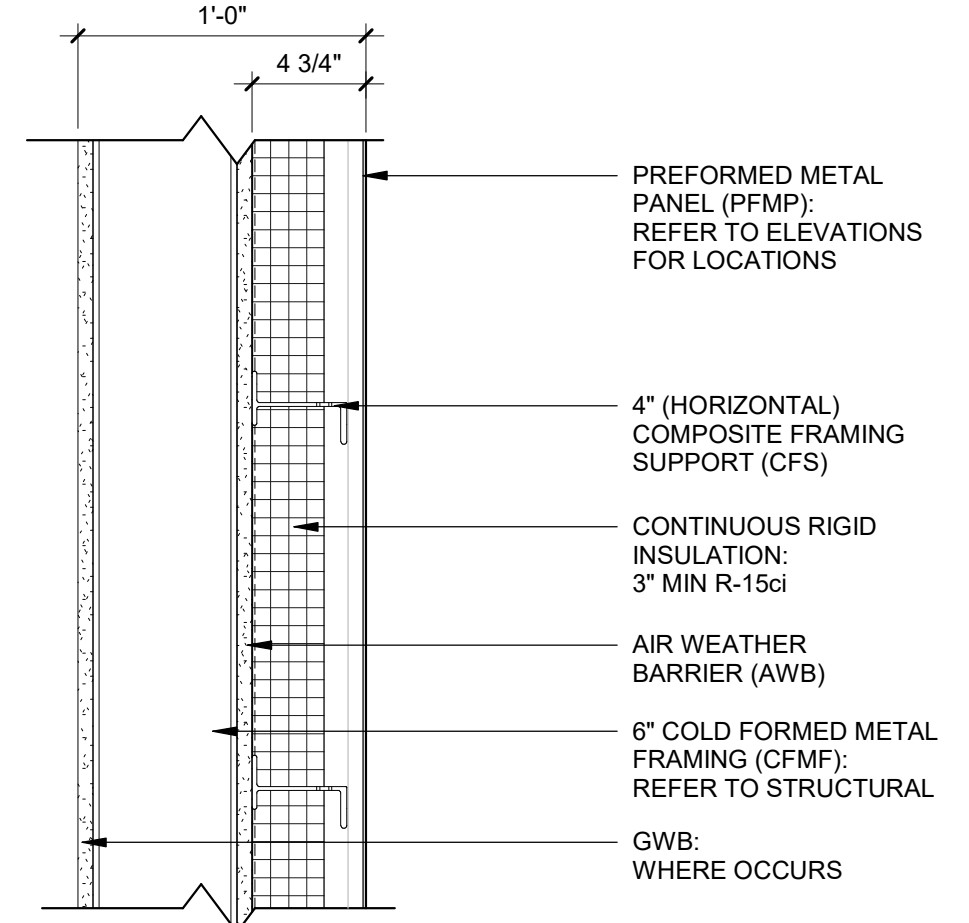
BUILDING ASSEMBLY - ROOFS
SCALE: 1 1/2" = 1'-0"

BUILDING ASSEMBLY - FLOORS

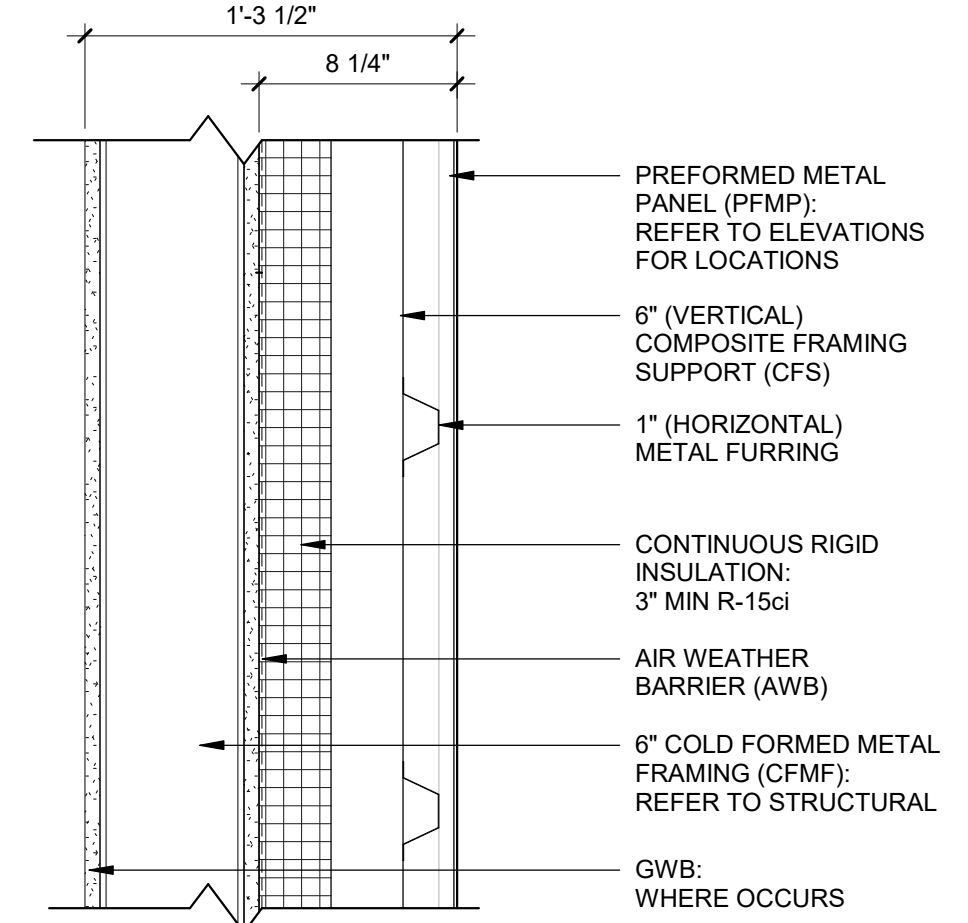
BUILDING ASSEMBLY - SOFFITS



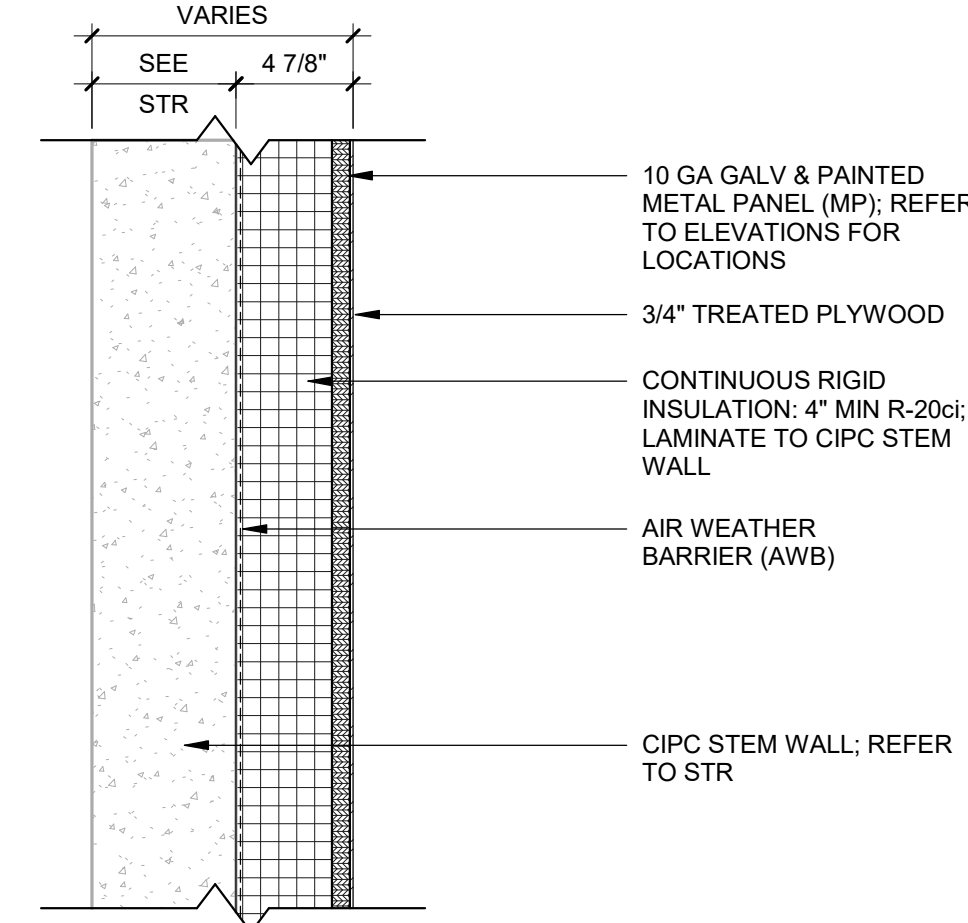
FB (CFMF) FACE BRICK on COLD FORM METAL FRAMING



PFMP (CFMF-1) METAL PANEL on COLD FORM METAL FRAMING

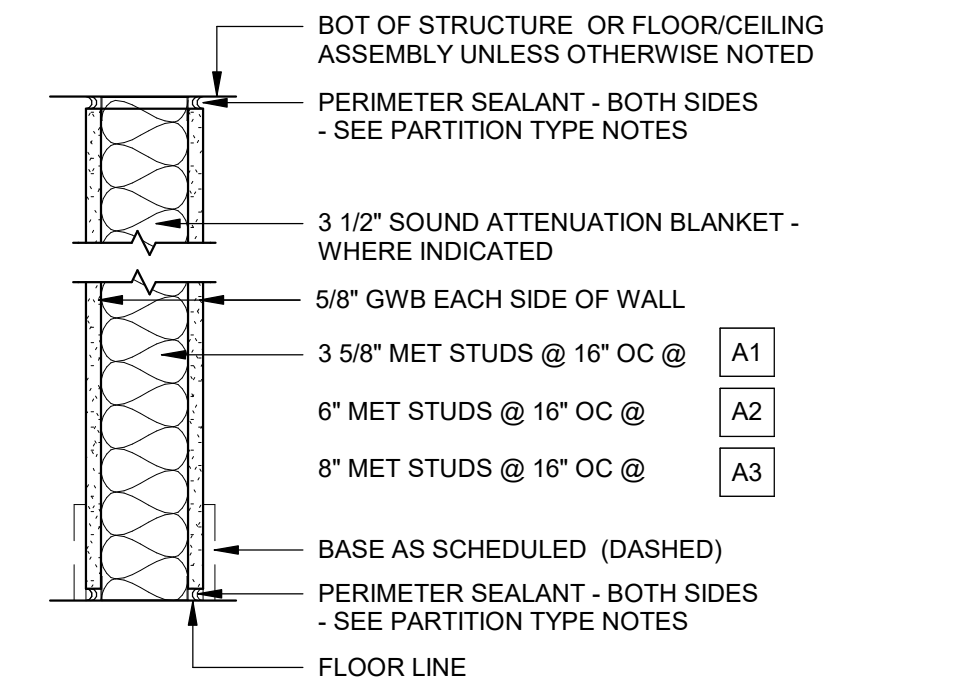


PFMP (CFMF-2) METAL PANEL on COLD FORM METAL FRAMING w/ FURRING

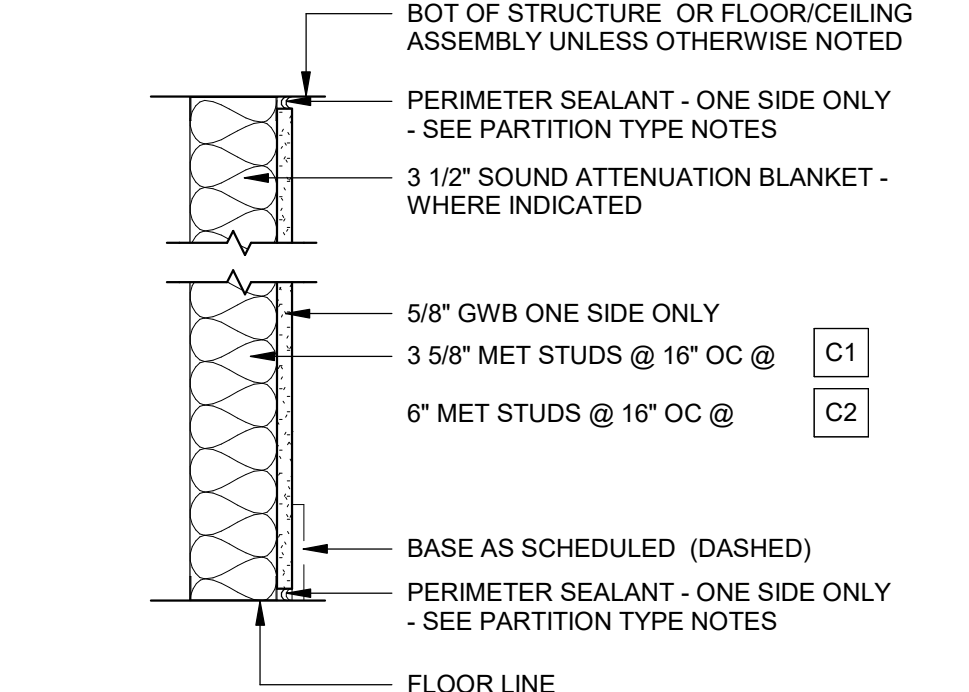


MP-1 (CIPC) HEAVY GAUGE METAL on CAST IN PLACE CONCRETE

BUILDING ASSEMBLY - EXTERIOR WALLS
SCALE: 1 1/2" = 1'-0"

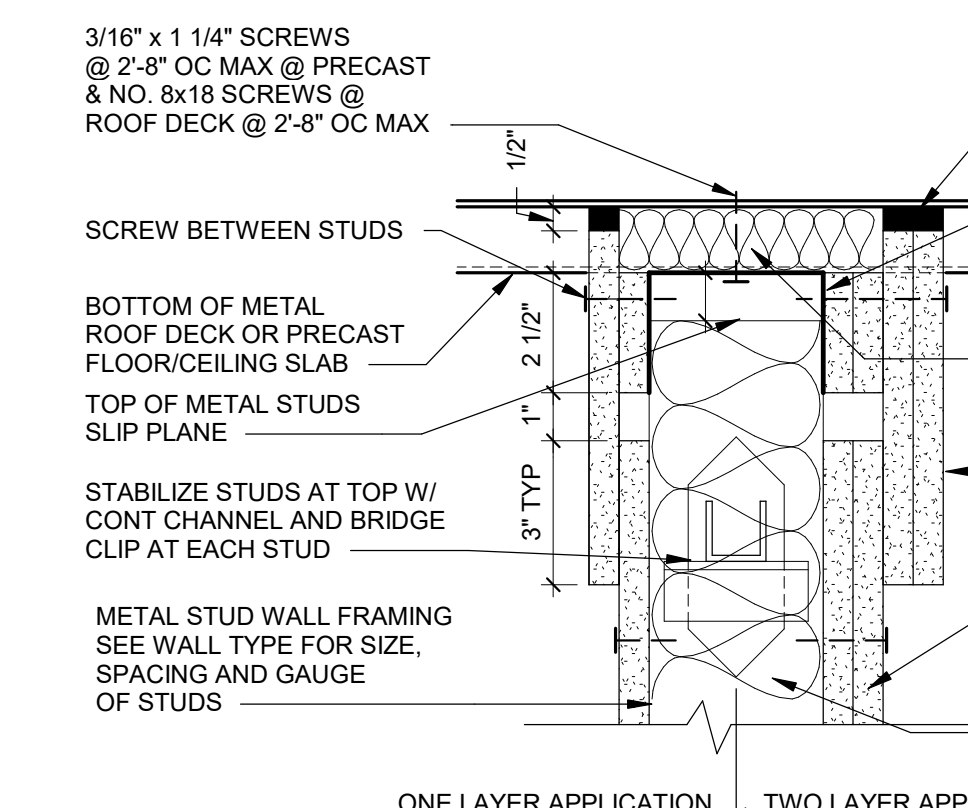


A1 A2 A3 METAL STUD W/ GWB
1 HR - UL: U465 (WHERE RATED); STC: 45-49
INDICATES SOUND WALL THAT SHALL RECEIVE FULL HEIGHT ACOUSTIC INSULATION

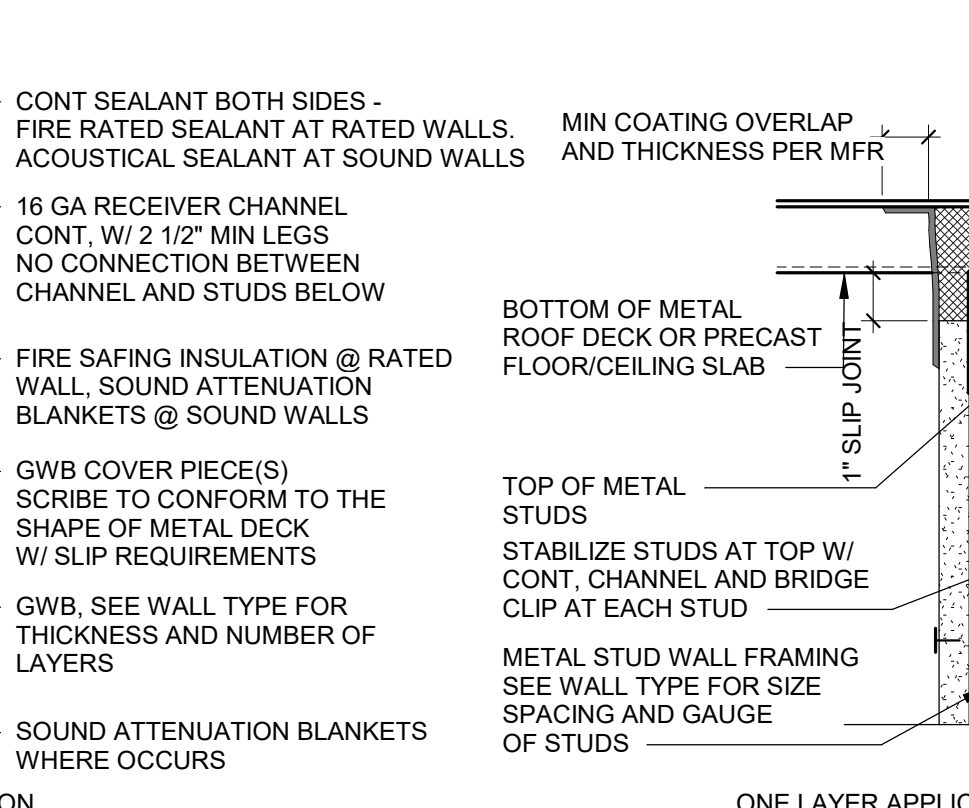


C1 C2 METAL STUD W/ GWB
(NON-RATED)
INDICATES SOUND WALL THAT SHALL RECEIVE FULL HEIGHT ACOUSTIC INSULATION

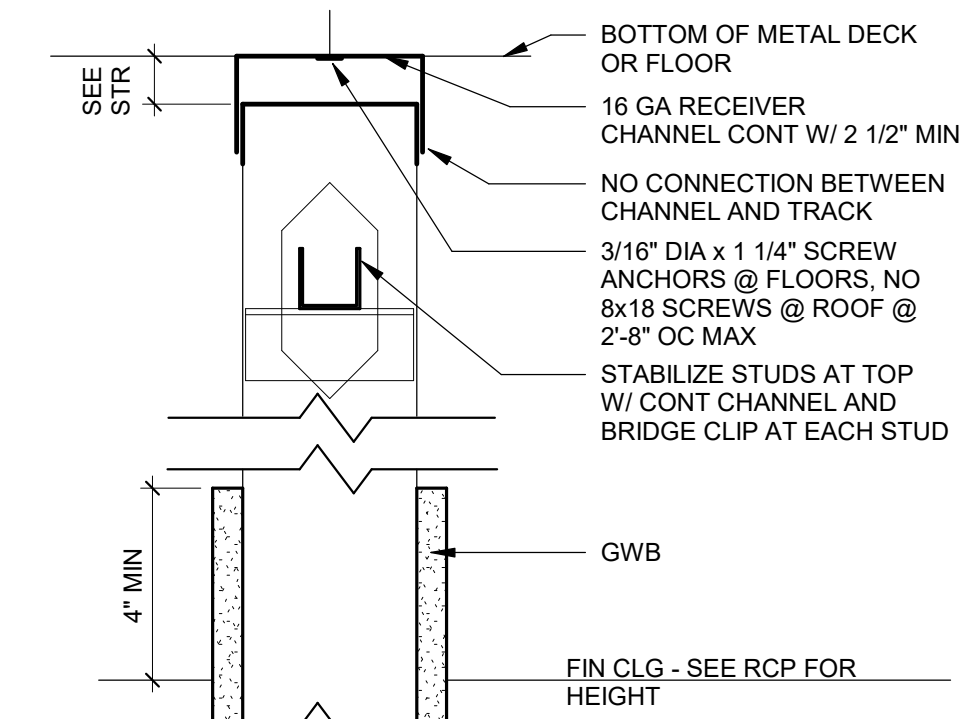
PARTITION TYPES
SCALE: 1 1/2" = 1'-0"



OPTION-A



OPTION-B



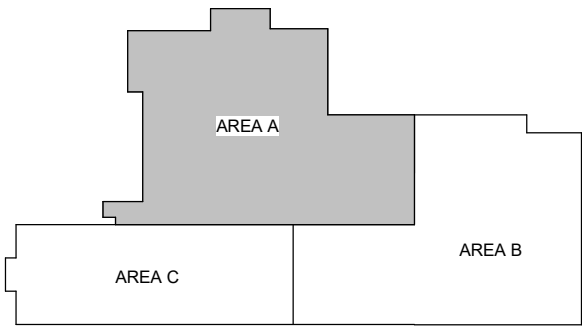
NON-RATED (AS SHOWN ON RCP'S)

P1 A0.0 STUD WALL SLIP CONNECTION DETAILS FOR ALL SMOKESTOP AND FIRE-RATED WALLS, SOUND ATTENUATION WALLS, AND WALLS IN ROOMS W/ EXP STR
SCALE: 1 1/2" = 1'-0"

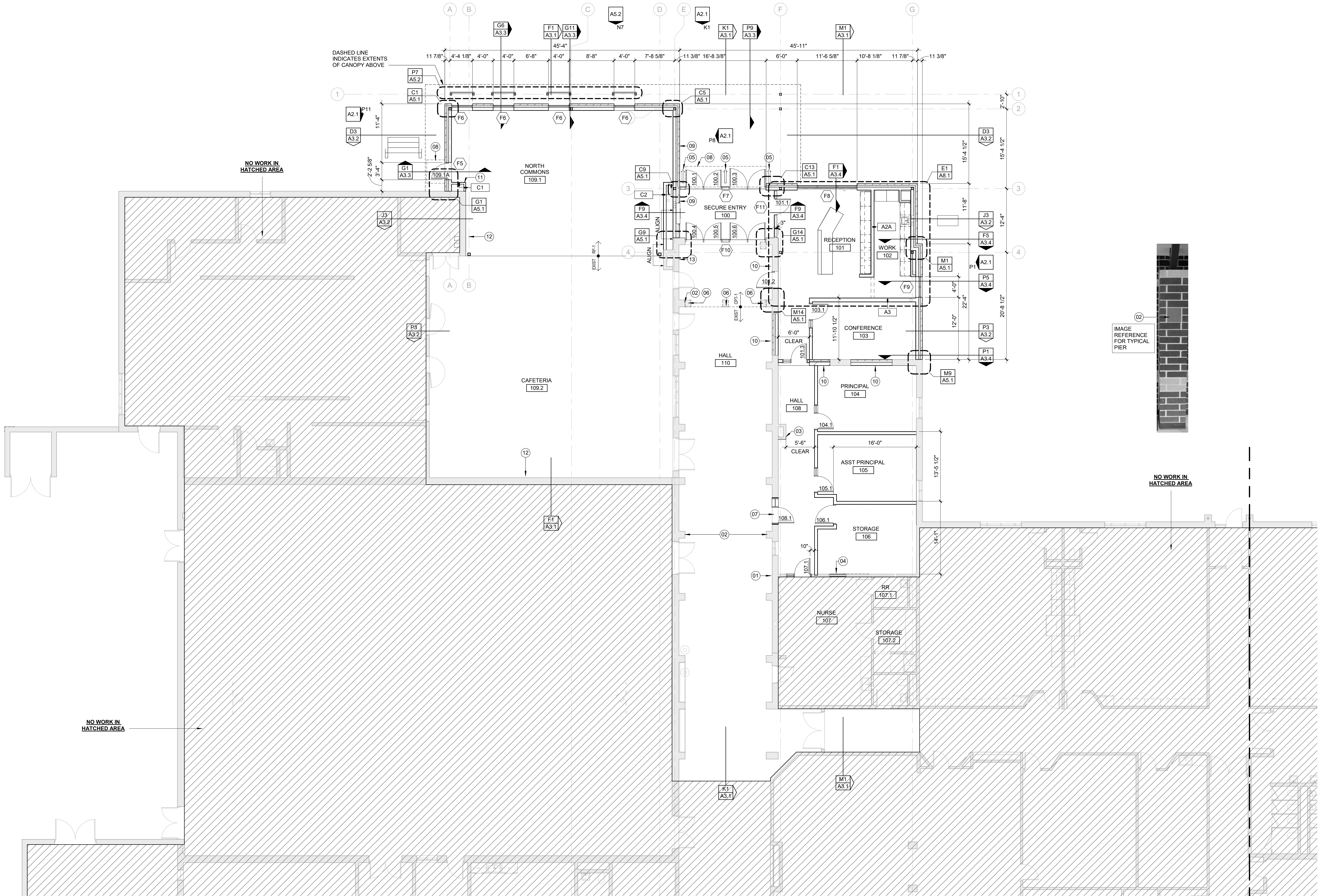
P10 A0.0 STUD WALL SLIP CONNECTION
SCALE: 1 1/2" = 1'-0"

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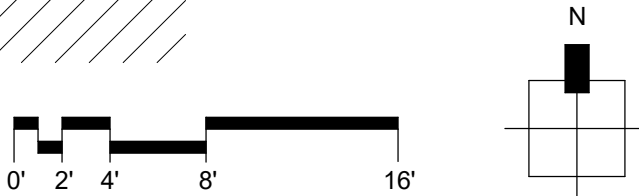
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FLOOR PLAN KEYED NOTES	
01	NEW DEDICATION PLAQUE. SEE ADDITIONAL INFORMATION ON G0.1
02	PATCH SITE OF EXISTING DECORATIVE GLAZED MASONRY UNIT W/ ACCENT BRICK. TYP ALL MASONRY PIERS IN MAIN CORRIDOR
03	CMU INFILL AS NEEDED TO MATCH ADJACENT EXISTING; COORD W/ MEP FOR DRAIN ACCESS REQUIREMENTS
04	INFILL WALL AS NEEDED AT REMOVED TO MATCH EXISTING WALL CONDITIONS. PAINT BOTH SIDES OF WALL. NURSE SIDE TO MATCH EXISTING
05	STAINLESS STEEL DOOR BUMPER GUARD. SEE DETAIL ON SHEET
06	ALT NO 01. LOCATIONS FOR PATCHING AND REPAIRING TERRAZZO TILE
07	REMOVE AND REPLACE EXISTING DOOR ONLY. FRAME AND SIDELITE TO REMAIN
08	STRUCTURAL STOOP. SEE STR
09	ADA ACTUATOR. COORD W/ MEP
10	INFILL WALL TO MATCH EXISTING
11	HOLD FRAMING TIGHT TO PIPING
12	WC-1 AT WALL. TERMINATE AT INSIDE ADJACENT CORNER
13	PATCH AND REPAIR BRICK WALL WHERE FIRE PANEL REMOVED.



P1 FLOOR PLAN - LEVEL 01
A1.1 SCALE: 1/8" = 1'-0"



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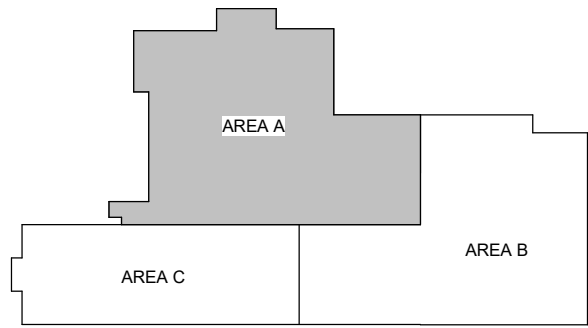
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FLOOR PLAN - LEVEL 01

A1.1

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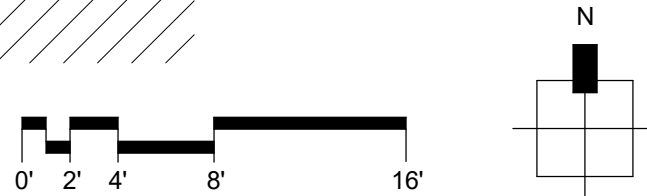
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- GENERAL NOTES: ROOF PLANS
1. ROOF PLAN NOTES APPLY TO ALL ROOF PLAN SHEETS.
 2. MOST ROOF SLOPES ARE CREATED TAPERED RIGID INSULATION. SEE A300 SERIES AND A500 SERIES FOR ADDITIONAL INFORMATION AND ARCHITECTURAL DETAILS REGARDING TAPERED INSULATION. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS OTHERWISE NOTED.
 3. ALL ROOF CURBS TO BE A MINIMUM OF 8" ABOVE ROOFING LEVELS. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE APPROPRIATE DRAINAGE.
 4. SEE STRUCTURAL FOR FRAMING AROUND ROOF PENETRATIONS.
 5. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS SHEET.
 6. PROVIDE AND INSTALL PRE-MOLDED PIPE BOOT FOR PLUMBING VENTS THROUGH ROOF IN CONFORMANCE WITH MANUFACTURER'S STANDARD DETAIL.
 7. ALL ROOF CURBS (MECH, ETC.) ARE TO BE MANUFACTURED ROOF CURBS UNLESS NOTED OTHERWISE AND ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR.
 8. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IN DETAIL NOT SHOWN ON PLANS.
 9. CONFIRM AND CONFIGURE WALKWAY LOCATIONS WITH REQUIRED ROOFTOP UNIT ACCESS POINTS.
 10. WALKWAY LOCATIONS ARE SUGGESTIVE. COORDINATE WALKWAY LOCATIONS NECESSITY AND PATH WITH MEP AND OWNERS PRIOR TO INSTALLATION.
 11. SEE SHEET A103 FOR TYPICAL CONDUIT PENETRATION DETAIL.
 12. NO ROOF PENETRATIONS ALLOWED WITHIN 5'-0" EACH SIDE OF 2-HOUR AREA SEPARATION WALLS AND 2-HR FIREWALLS. SEE CODE PLAN FOR WALL LOCATIONS (WHERE OCCURS).

ROOF PLAN KEYED NOTES	
01	THRU WALL SCUPPER DRAIN; SEE MEP
02	INTEGRATE NEW ROOF MEMBRANE W/ EXISTING IN AREA OF HATCH; MIN OVERLAP IN COMPLIANCE W/ MFR STANDARDS
03	INSTALL NEW LIKE KIND COPING & INTEGRATE NEW COPING W/ EXISTING COPING ALONG DOTTED LINE; MIN OVERLAP IN COMPLIANCE W/ COPING MFR STANDARDS; COORD EXTENTS OF REMOVAL W/ DEMO PLAN
04	MODIFIED COPING CONTINUES BENEATH UPPER ROOF SOFFIT; REFER TO SECTION DETAILS FOR MORE INFORMATION ON MODIFIED COPING DESIGN
05	SUGGESTED WALKWAY PATH TO NEW ROOF MOUNTED EQUIPMENT; COORD PATH WITH ON SITE EXISTING CIRCULATION SYSTEMS AND ANY/ALL EXISTING ROOF EQUIPMENT
06	DASHED LINE INDICATES EXTENT OF NEW ROOFING MEMBRANE INTEGRATION W/ EXISTING EXTERIOR WALL VIA THRU WALL FLASHING; REFER TO A300 & A500 SERIES FOR MORE INFORMATION
07	HATCHED AREA INDICATES FOOTPRINT OF BUILDING ENVELOPE BLW
08	DASHED LINE INDICATES STRUCTURAL MEMBER WITHIN CEILING PLENUM; COORD W/ STR DRAWINGS FOR EXACT LOCATION

P1 ROOF PLAN - LOWER ROOF
A1.2 SCALE: 1/8" = 1'-0"



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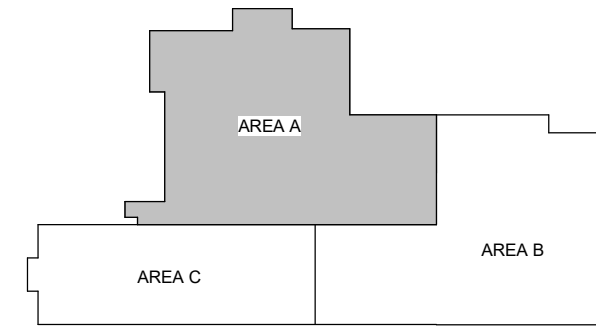
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ROOF PLAN - LOWER ROOF

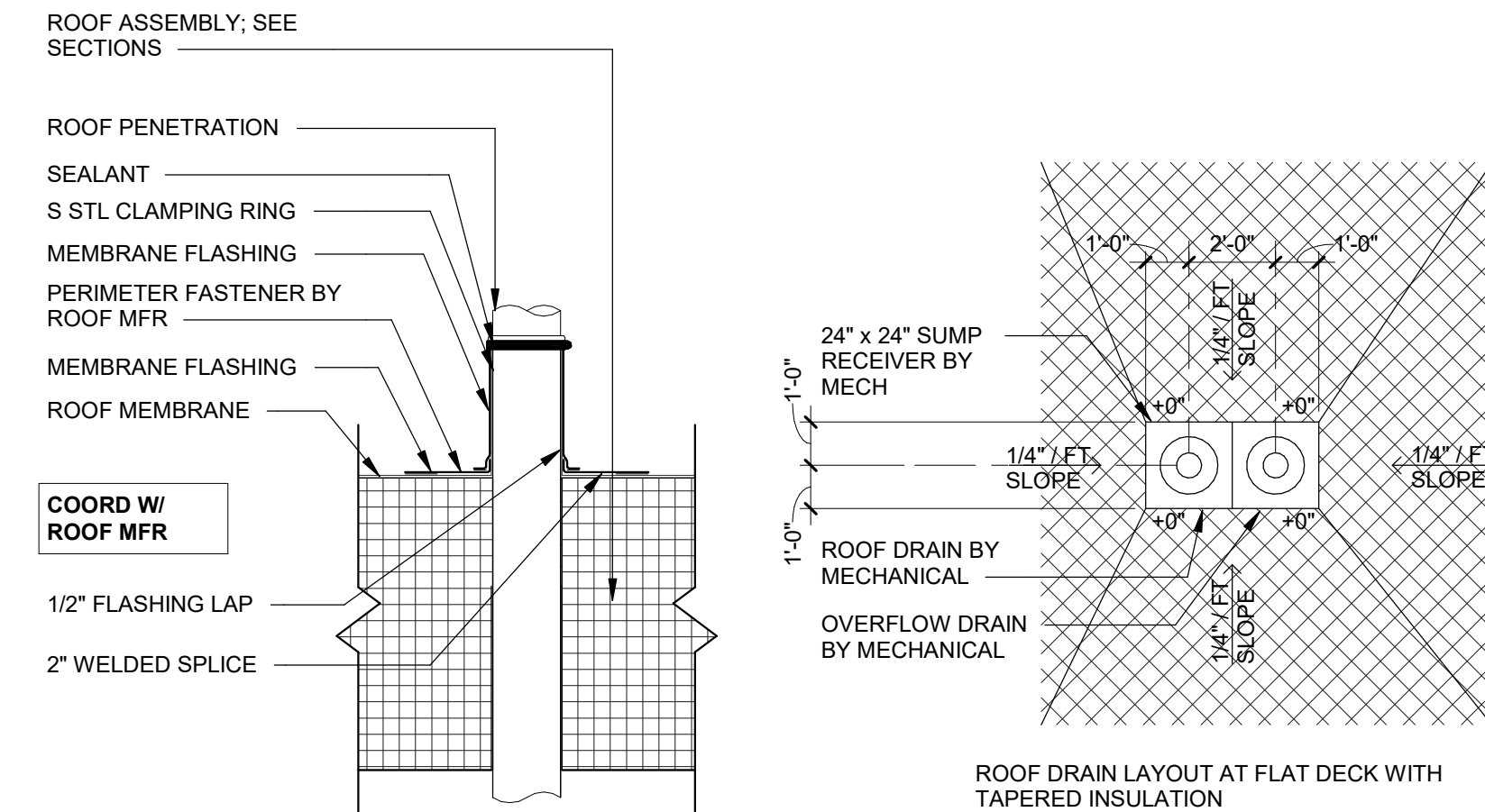
A1.2

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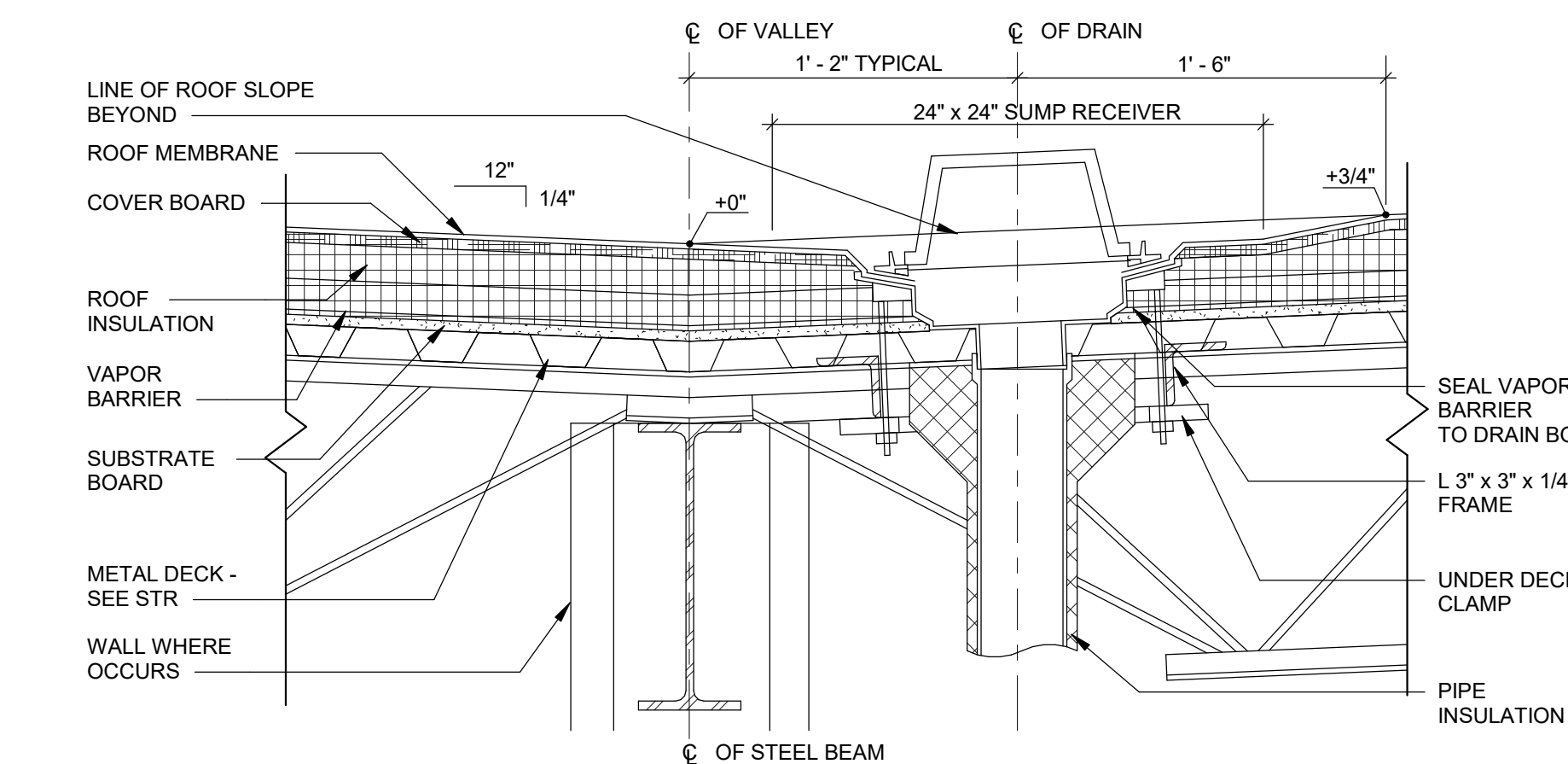


ROOF PLAN KEYED NOTES	
01	THRU WALL SCUPPER DRAIN; SEE MEP
02	INTEGRATE NEW ROOF MEMBRANE W/ EXISTING IN AREA OF HATCH; MIN OVERLAP IN COMPLIANCE W/ MFR STANDARDS
03	INSTALL NEW LIKE KIND COPING & INTEGRATE NEW COPING W/ EXISTING COPING ALONG DOTTED LINE; MIN OVERLAP IN COMPLIANCE W/ COPING MFR STANDARDS; COORD EXTENTS OF REMOVAL W/ DEMO PLAN
04	MODIFIED COPING CONTIGUES BENEATH UPPER ROOF SOFFIT; REFER TO SECTION DETAILS FOR MORE INFORMATION ON MODIFIED COPING DESIGN
05	SUGGESTED WALKWAY PATH TO NEW ROOF MOUNTED EQUIPMENT; COORD PATH WITH ON SITE EXISTING CIRCULATION SYSTEMS AND ANY/ALL EXISTING ROOF EQUIPMENT
06	DASHED LINE INDICATES EXTENT OF NEW ROOFING MEMBRANE INTEGRATION W/ EXISTING EXTERIOR WALL VIA THRU WALL FLASHING; REFER TO A300 & A500 SERIES FOR MORE INFORMATION
07	HATCHED AREA INDICATES FOOTPRINT OF BUILDING ENVELOPE BLW
08	DASHED LINE INDICATES STRUCTURAL MEMBER WITHIN CEILING PLENUM; COORD W/ STR DRAWINGS FOR EXACT LOCATION

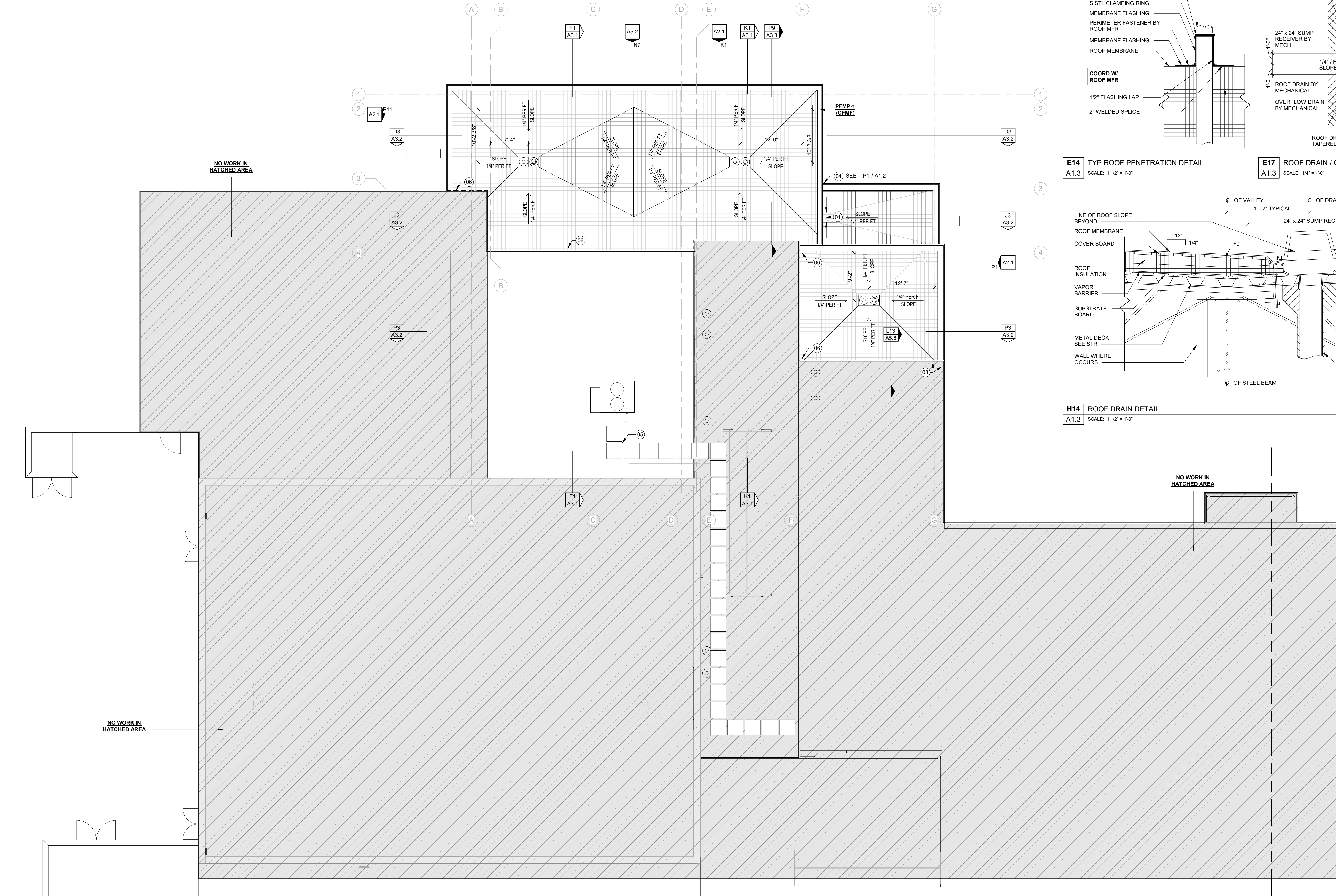


E14 TYP ROOF PENETRATION DETAIL
A1.3 SCALE: 1 1/2" = 1'-0"

E17 ROOF DRAIN / OVERFLOW
A1.3 SCALE: 1/4" = 1'-0"



H14 ROOF DRAIN DETAIL
A1.3 SCALE: 1 1/2" = 1'-0"



P1 ROOF PLAN - UPPER ROOF
A1.3 SCALE: 1/8" = 1'-0"



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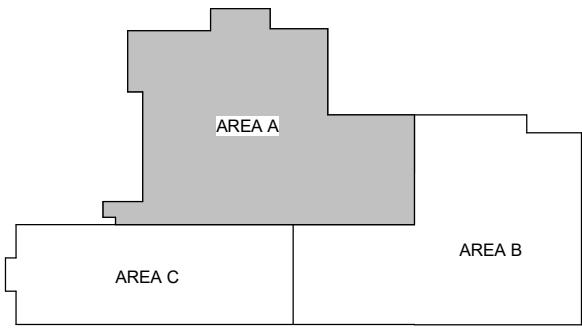
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ROOF PLAN - UPPER ROOF

A1.3

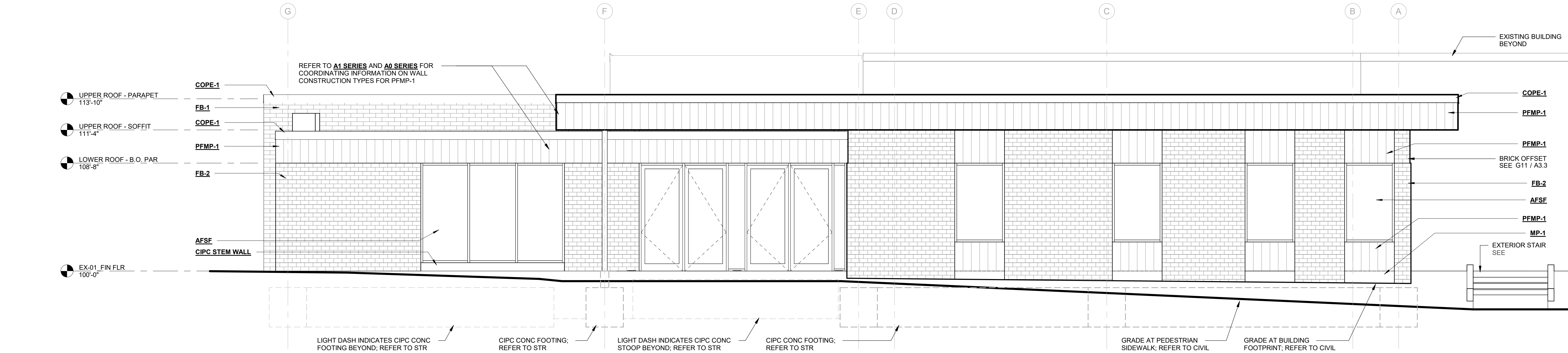
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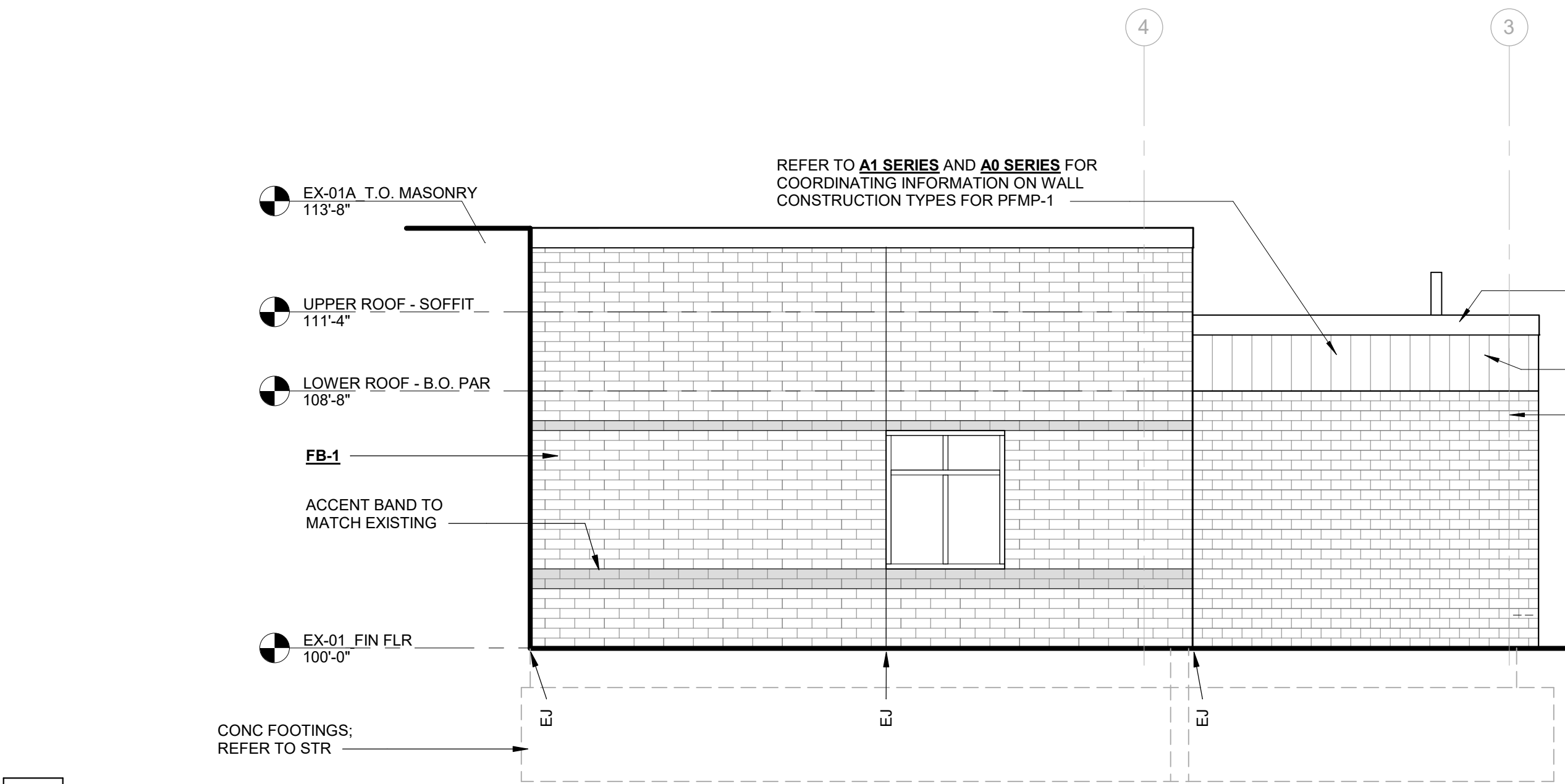


ELEVATION KEYED NOTES	
01	CAST-IN-PLACE CONCRETE FOOTING, SEE STR
02	PREFINISHED METAL COPING
03	Edit note for 03

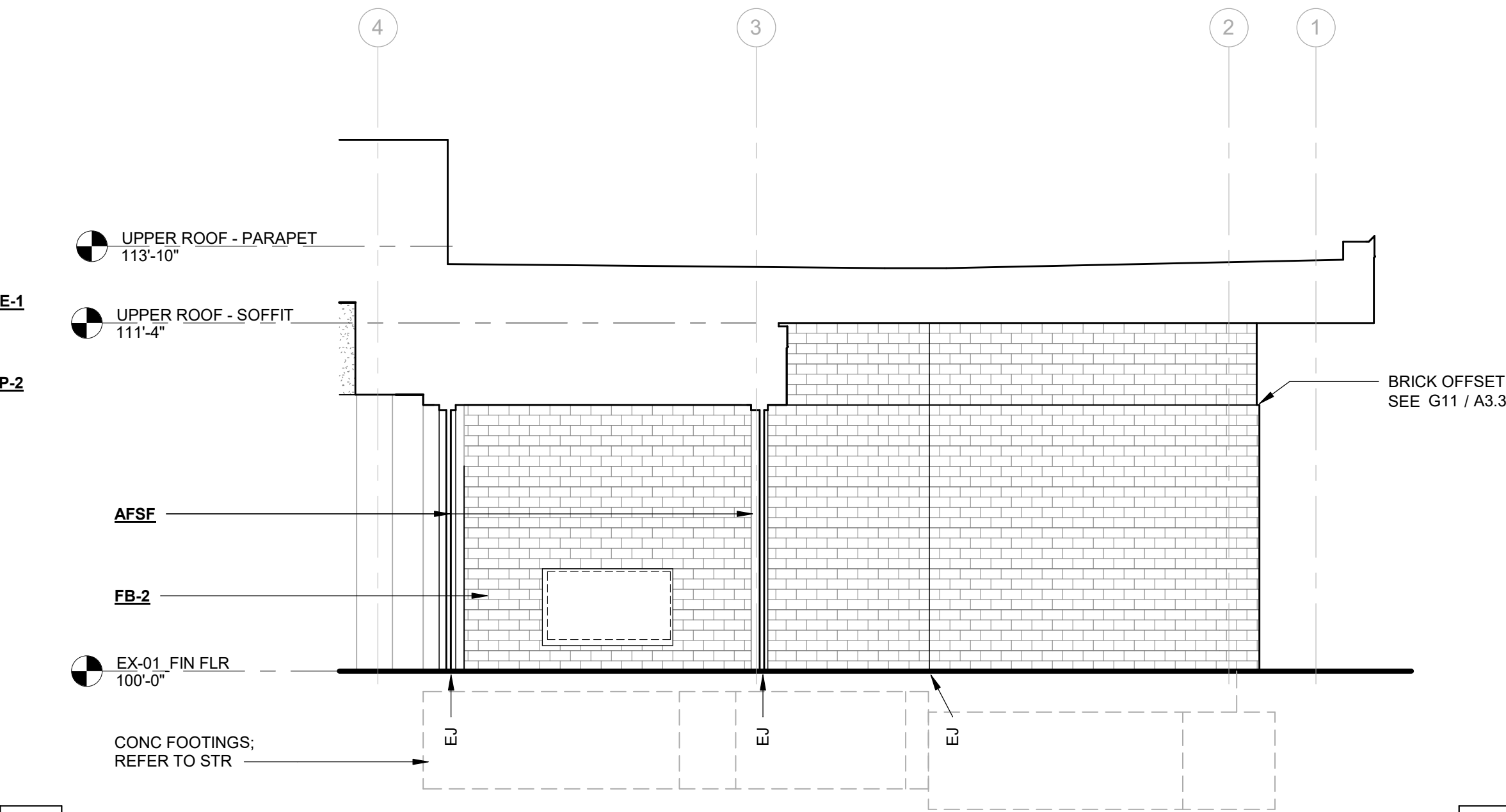
EXTERIOR MATERIAL LEGEND	
AFSF	ALUMINUM FRAME STOREFRONT
COPE-1	PREFIN MET COPING
FB-1	UTILITY BRICK; COLOR & GROUT TO MATCH EXISTING
FB-1A	UTILITY BRICK ACCENT; COLOR & GROUT TO MATCH EXISTING ACCENT MASONRY
FB-2	ECONOMY BRICK; COLOR & GROUT TO MATCH EXISTING
MP-1	METAL PANEL
PFMP-1	PREFORMED METAL PANEL



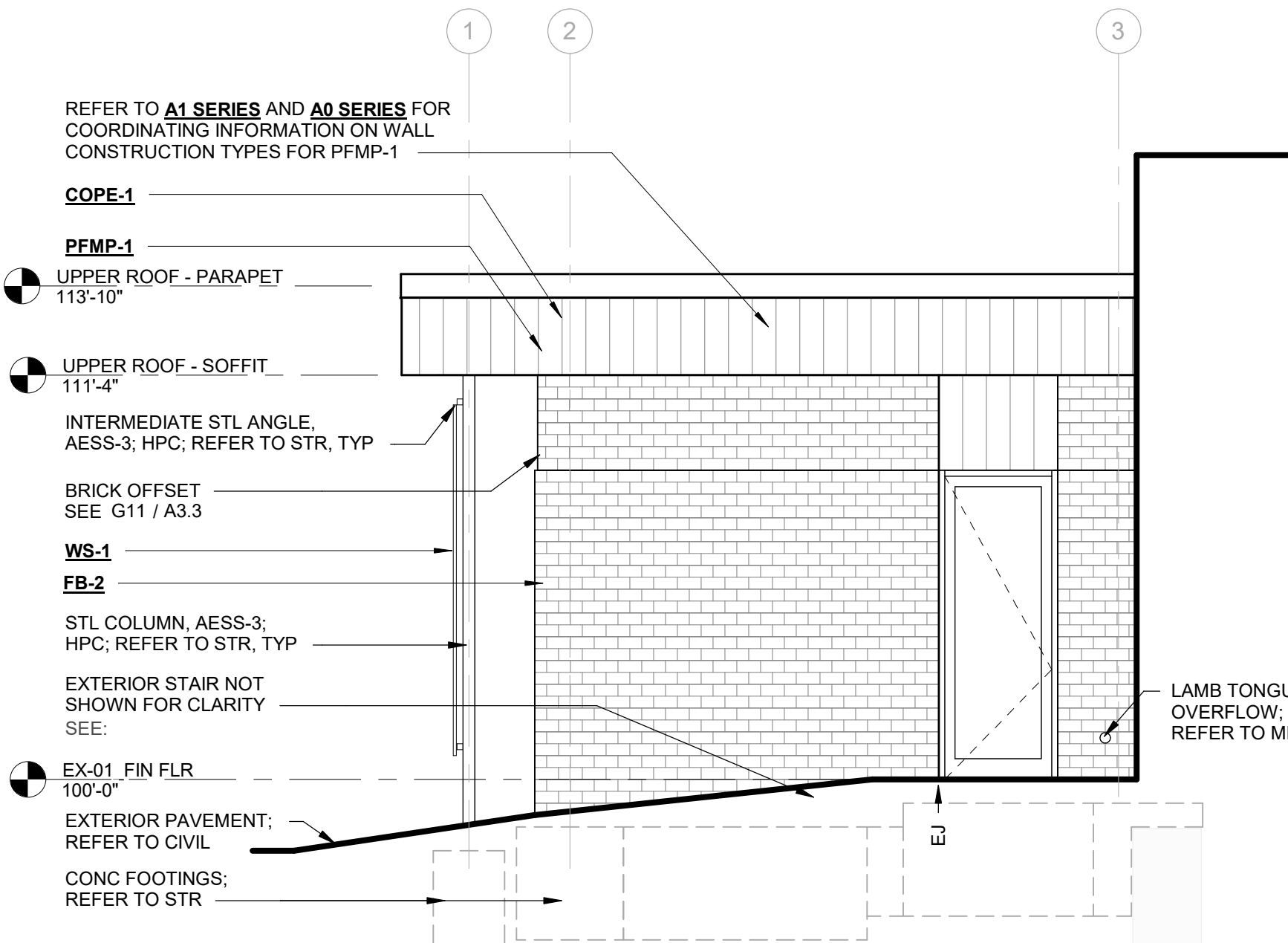
K1 BUILDING ELEVATION - NORTH
A2.1 SCALE: 1/4" = 1'-0"



P1 BUILDING ELEVATION - EAST
A2.1 SCALE: 1/4" = 1'-0"



P8 PARTIAL ELEVATION - EAST WALL OF COVERED ENTRY
A2.1 SCALE: 1/4" = 1'-0"



P11 BUILDING ELEVATION - WEST
A2.1 SCALE: 1/4" = 1'-0"

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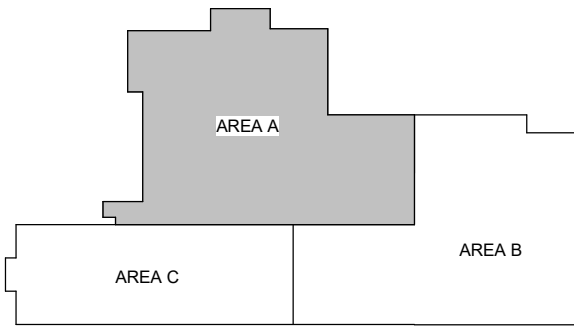
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EXTERIOR ELEVATIONS

A2.1

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BUILDING SECTIONS

A3.1

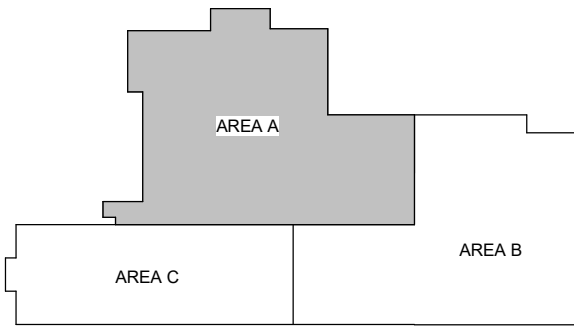
F1 BUILDING SECTION - NORTH/SOUTH @ COMMONS
A3.1 SCALE: 1/4" = 1'-0"

K1 BUILDING SECTION - NORTH/SOUTH @ CANOPY
A3.1 SCALE: 1/4" = 1'-0"

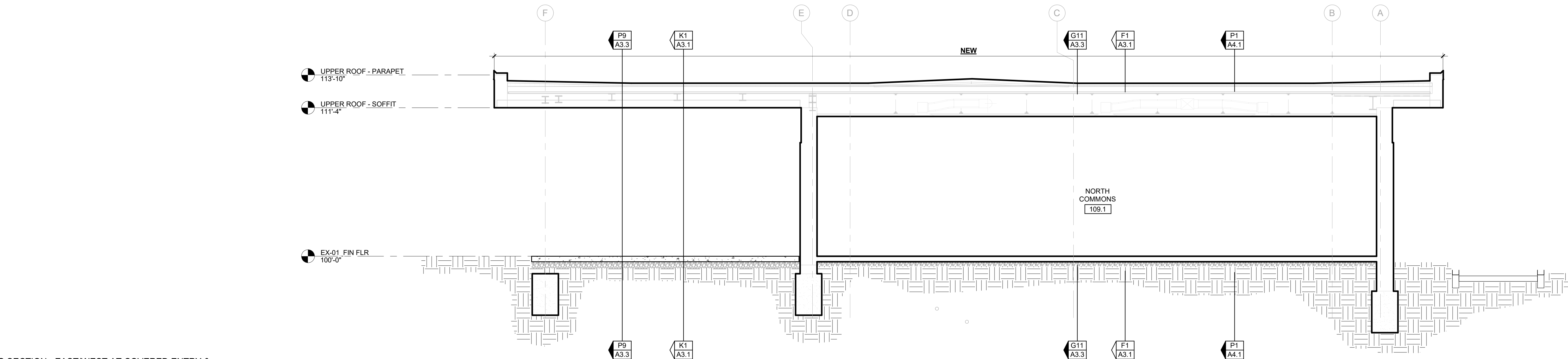
M1 BUILDING SECTION - NORTH/SOUTH @ ADMIN
A3.1 SCALE: 1/4" = 1'-0"

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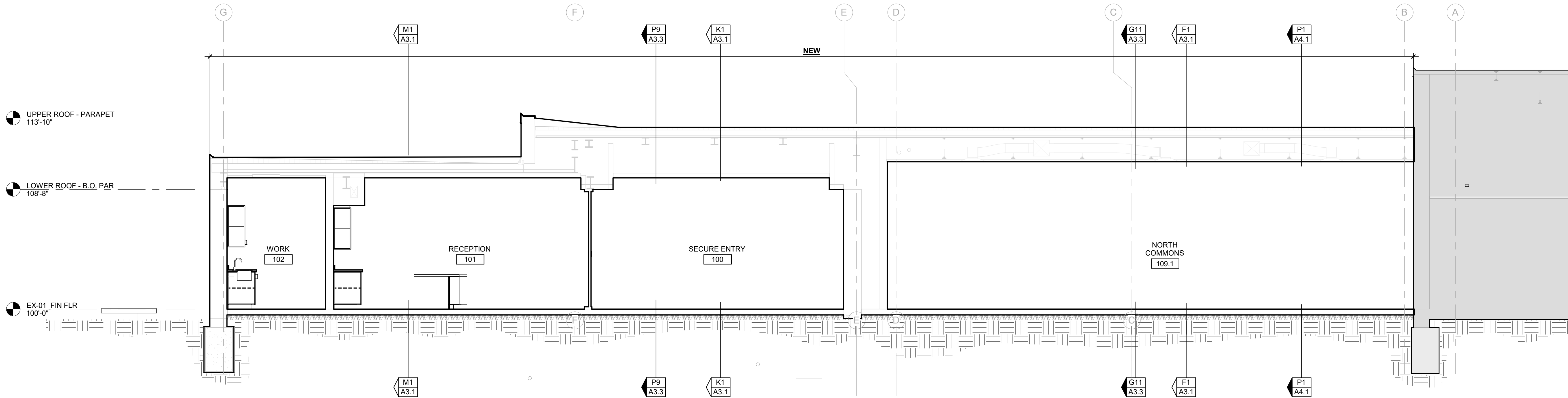
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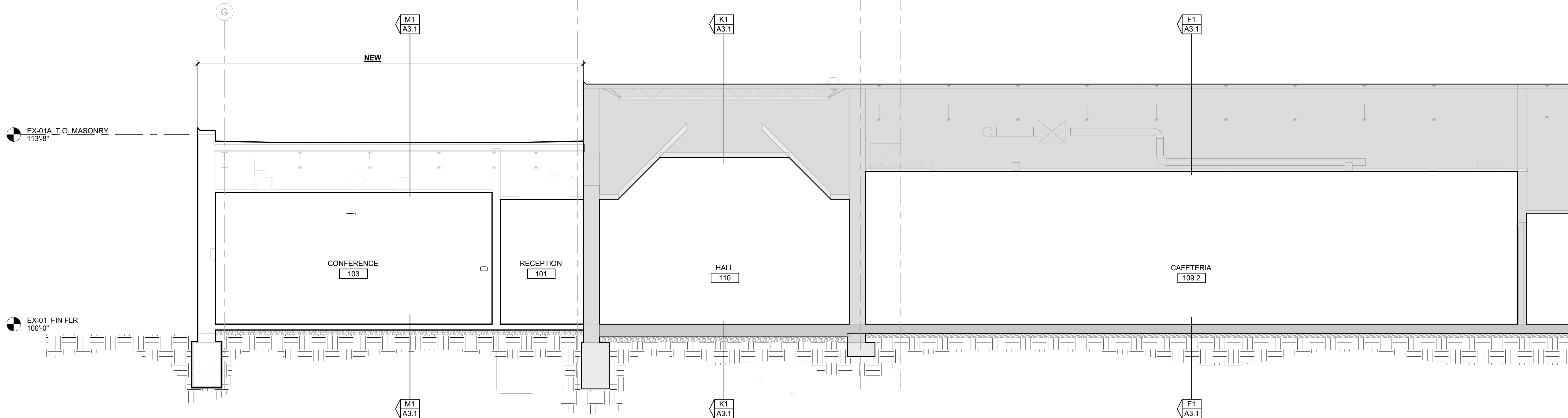
D3 BUILDING SECTION - EAST/WEST AT COVERED ENTRY & COMMONS
A3.2 SCALE: 1/4" = 1'-0"



J3 BUILDING SECTION - EAST/WEST AT SECURE ENTRY
A3.2 SCALE: 1/4" = 1'-0"



P3 BUILDING SECTION - EAST/WEST AT CAFETERIA
A3.2 SCALE: 1/4" = 1'-0"



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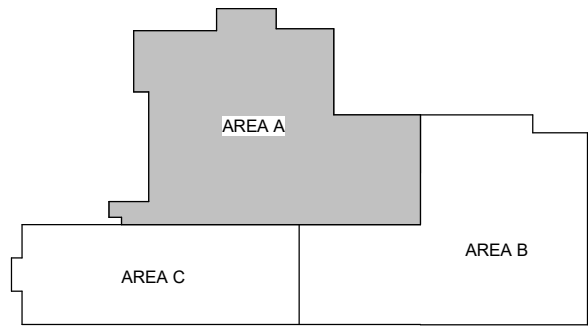
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BUILDING SECTIONS

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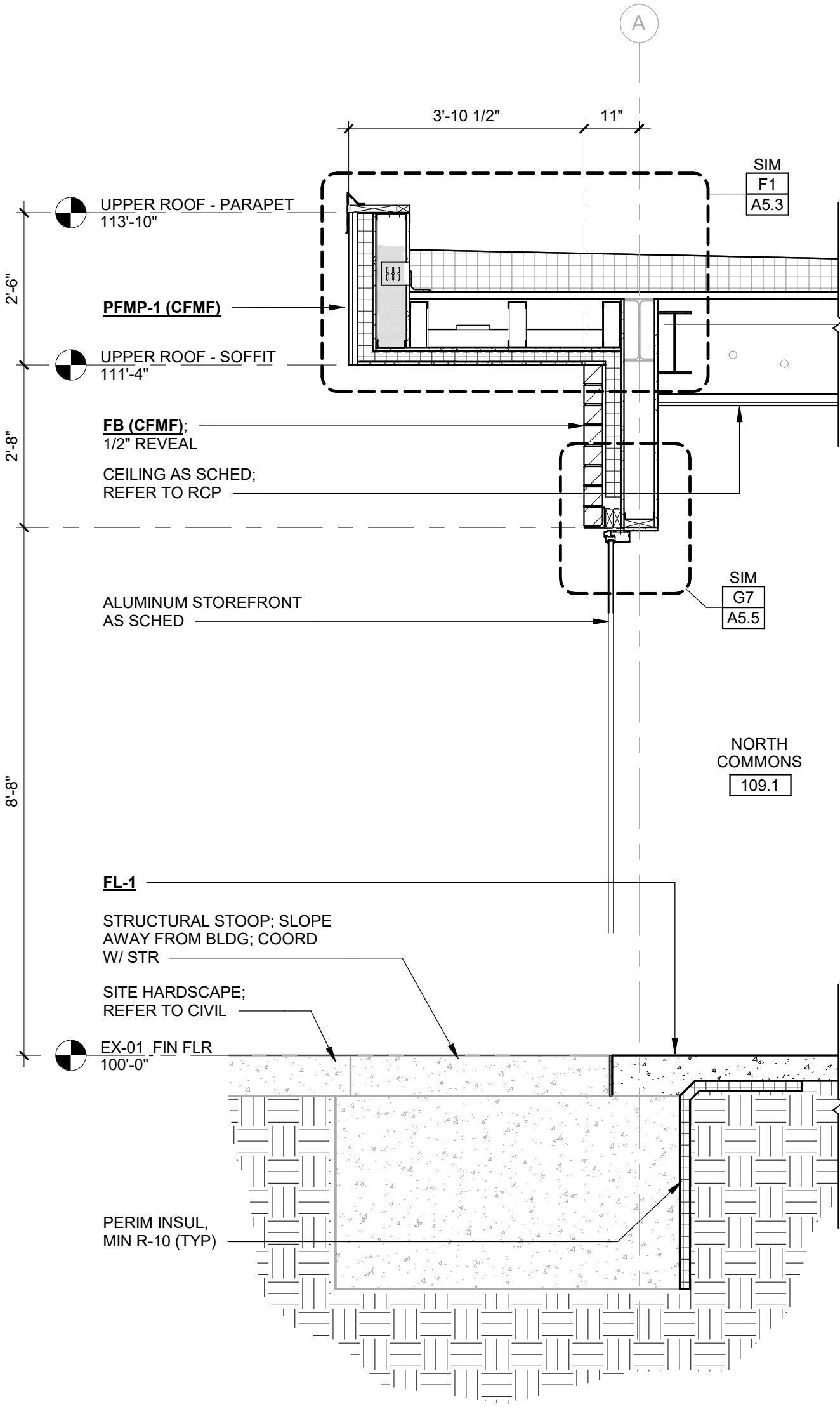
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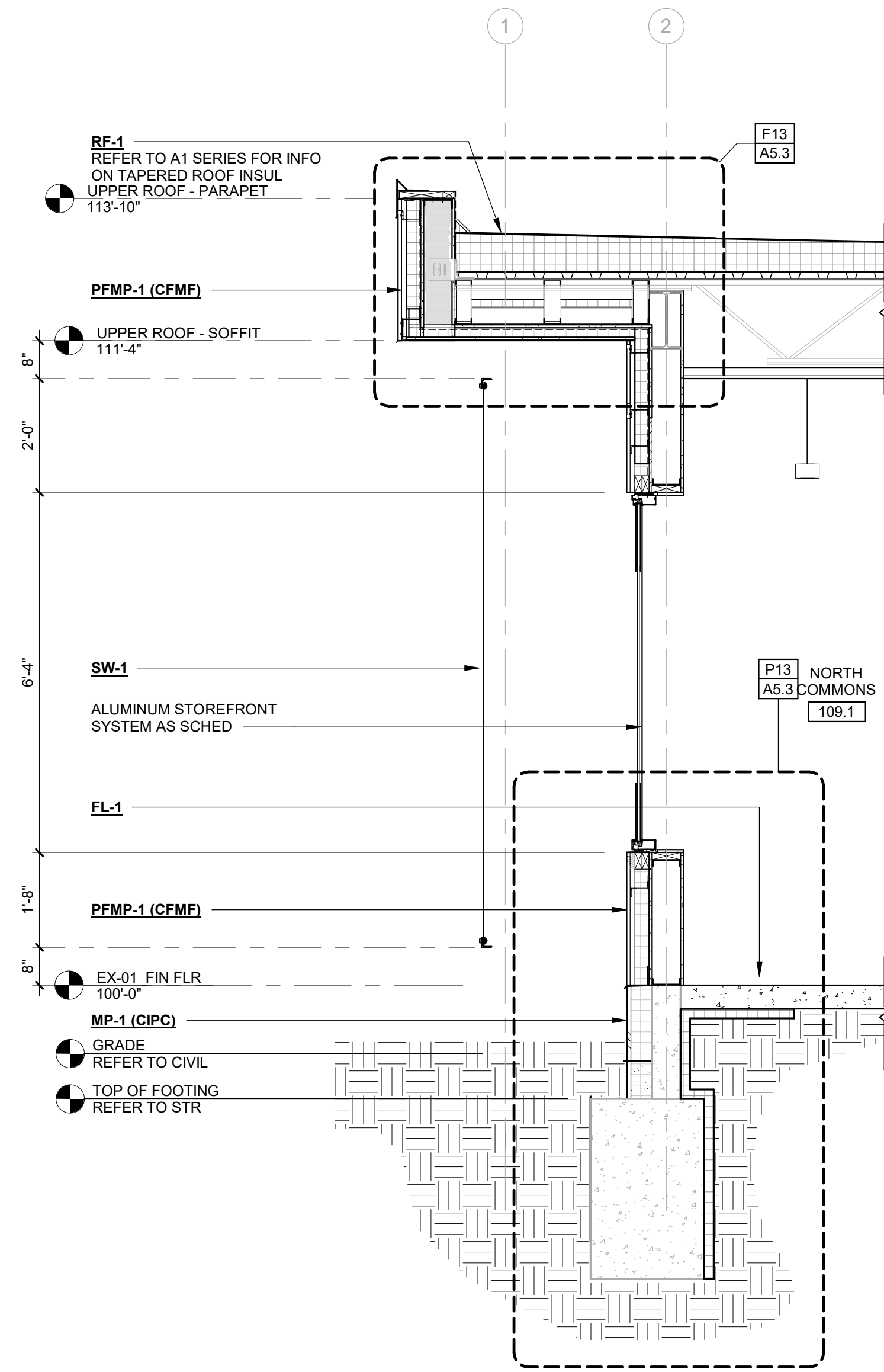
WALL SECTIONS

A3.3

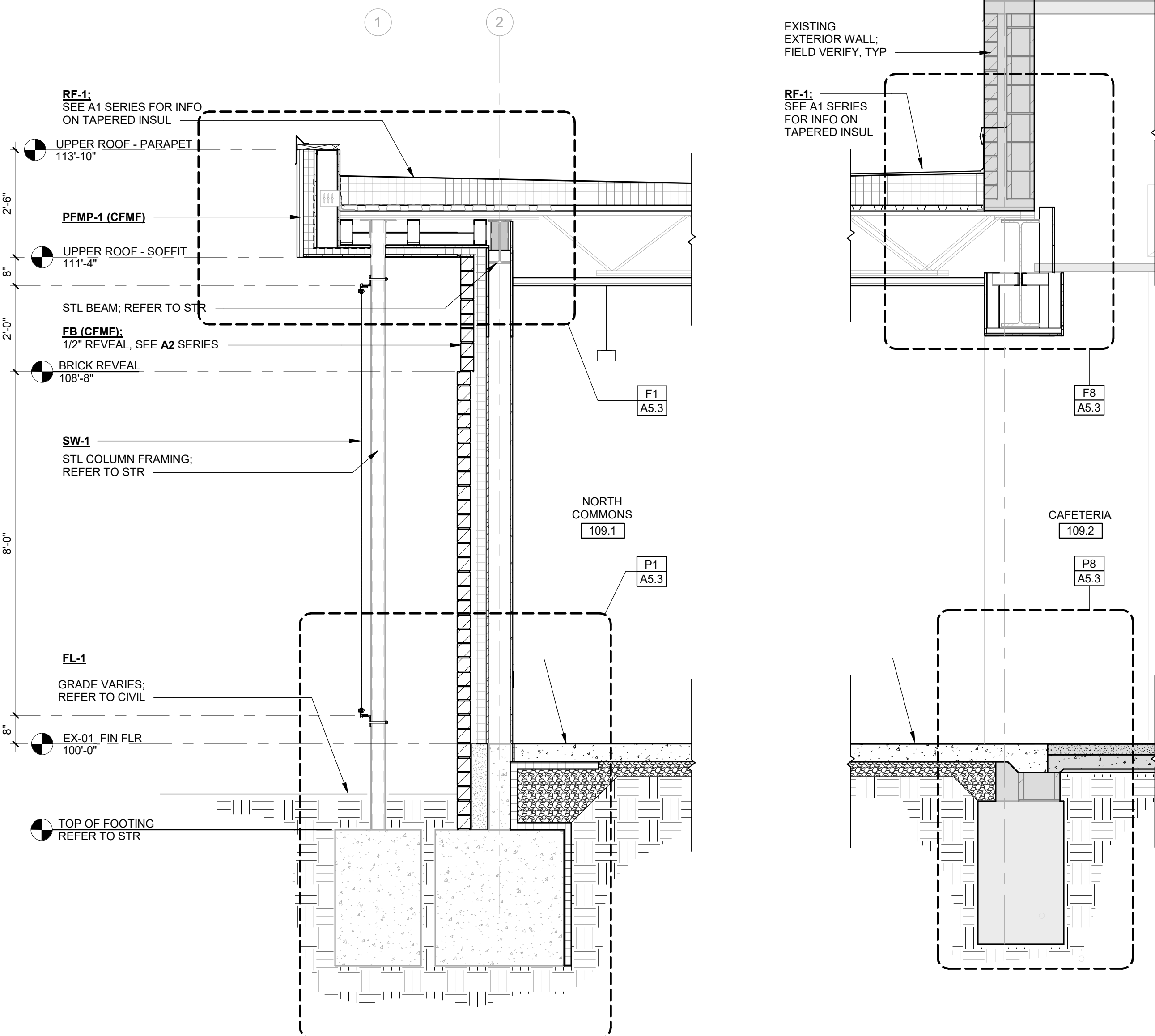
G1 WALL SECTION
A3.3 SCALE: 1/2" = 1'-0"



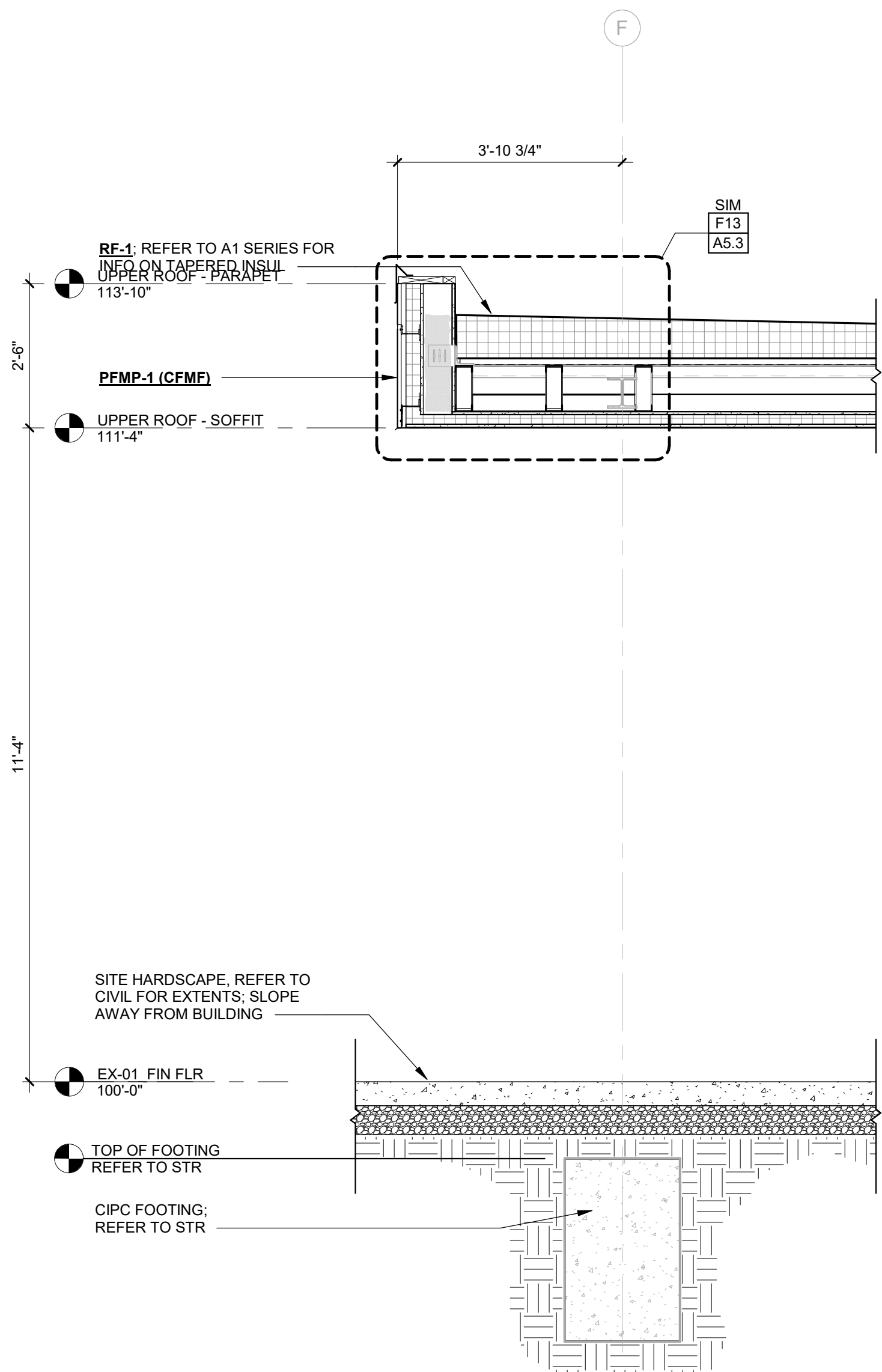
G6 WALL SECTION
A3.3 SCALE: 1/2" = 1'-0"



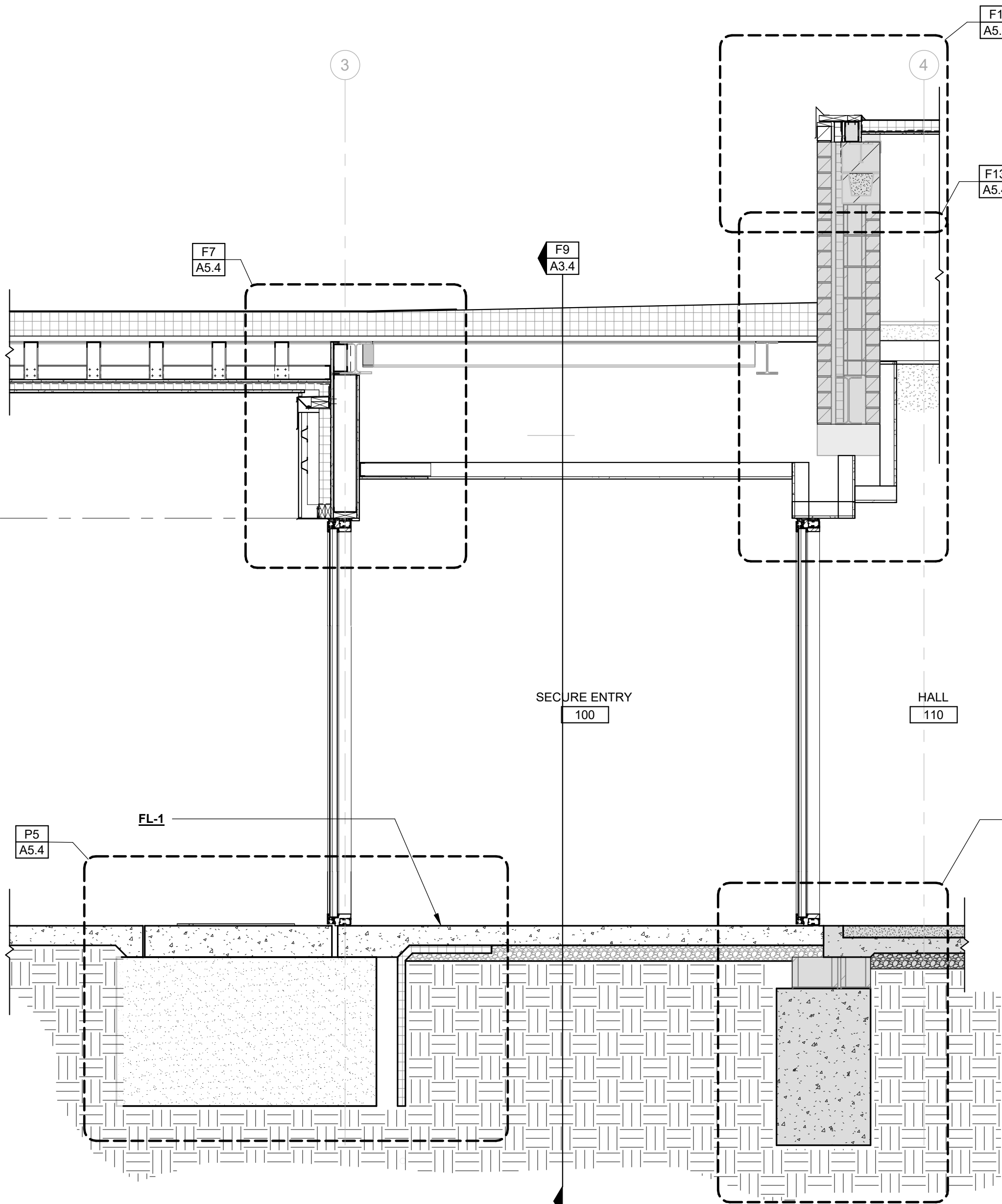
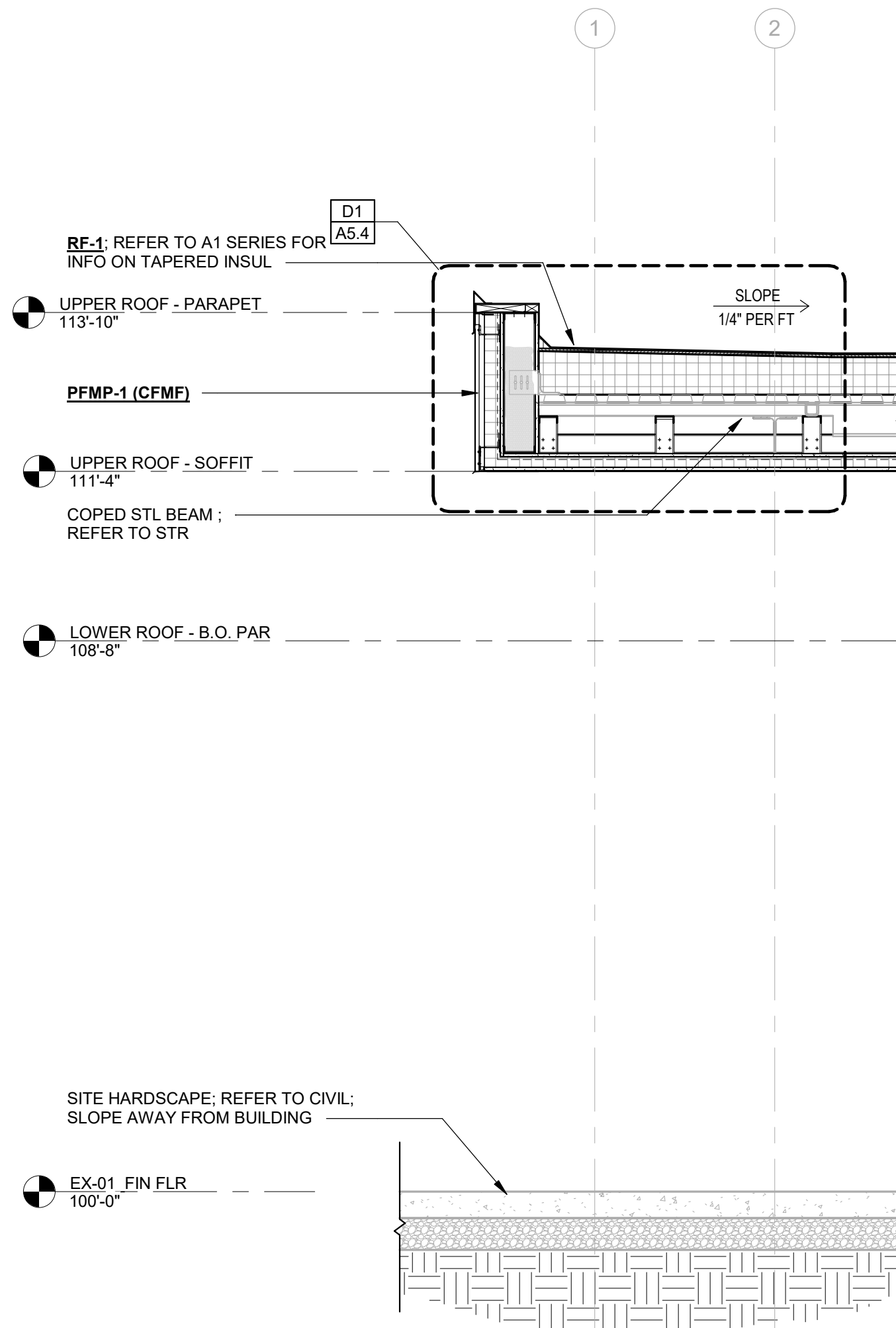
G11 WALL SECTION
A3.3 SCALE: 1/2" = 1'-0"



P4 WALL SECTION
A3.3 SCALE: 1/2" = 1'-0"

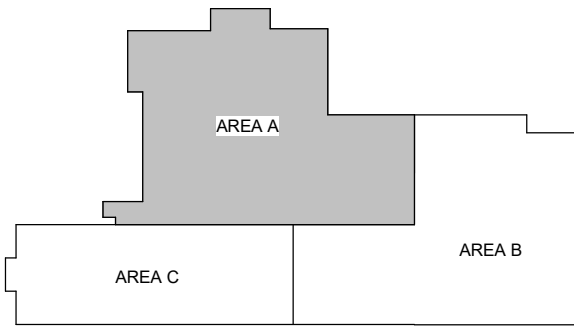


P9 WALL SECTION
A3.3 SCALE: 1/2" = 1'-0"



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WALL SECTIONS

A3.4

F1 WALL SECTION
A3.4 SCALE: 1/2" = 1'-0"

F5 WALL SECTION
A3.4 SCALE: 1/2" = 1'-0"

F9 WALL SECTION
A3.4 SCALE: 1/2" = 1'-0"

P1 WALL SECTION
A3.4 SCALE: 1/2" = 1'-0"

P5 WALL SECTION
A3.4 SCALE: 1/2" = 1'-0"

P9 WALL SECTION
A3.4 SCALE: 1/2" = 1'-0"

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AGENCY APPROVAL

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NE Certificate of Authorization: CA-0433

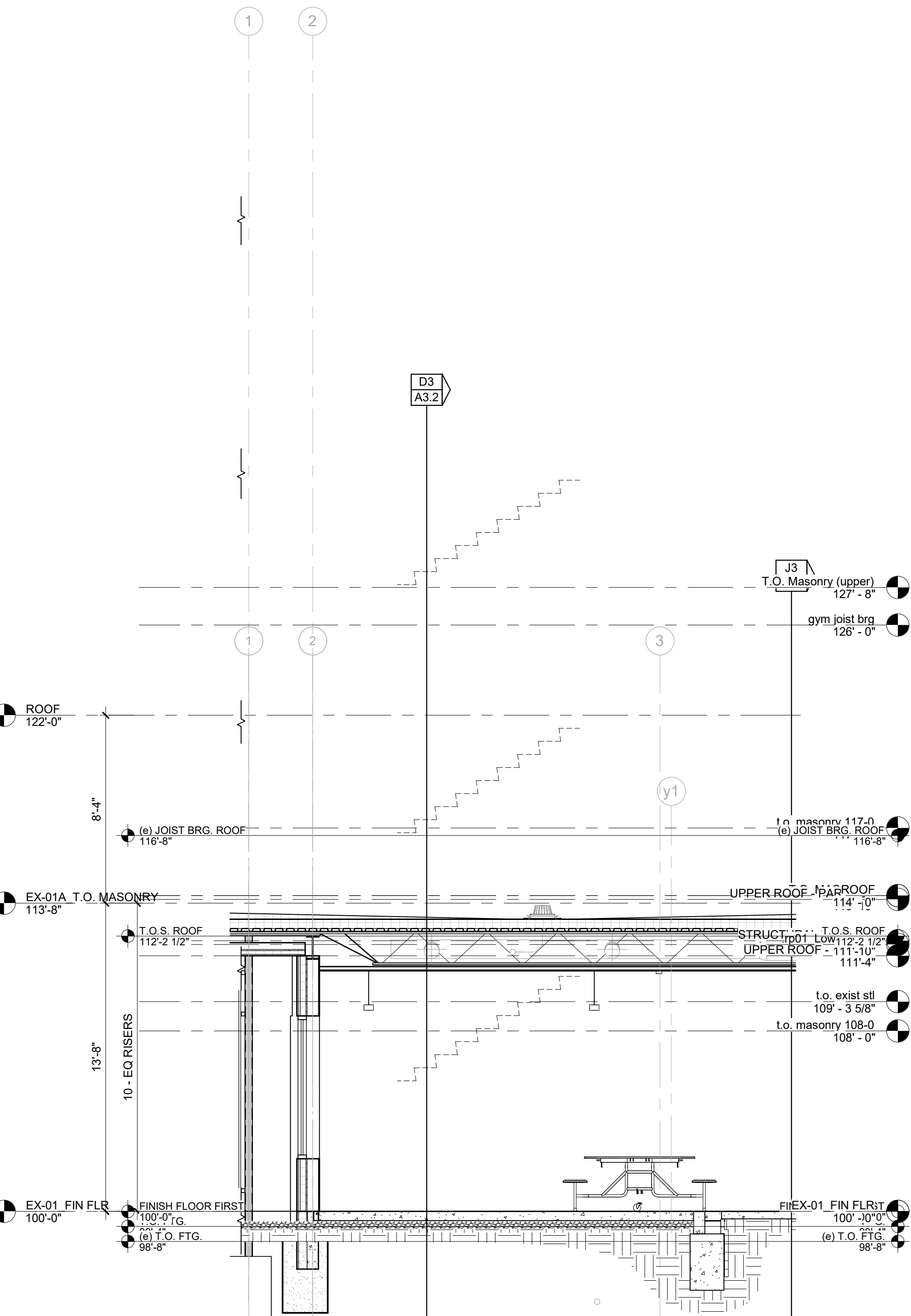
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VERTICAL CIRCULATION

A4.1

E1 ENLARGED PLAN - STAIR A - LEVEL 01
A4.1 SCALE: 1/4" = 1'-0"



P1 STAIR SECTION - STAIR A
A4.1 SCALE: 1/4" = 1'-0"

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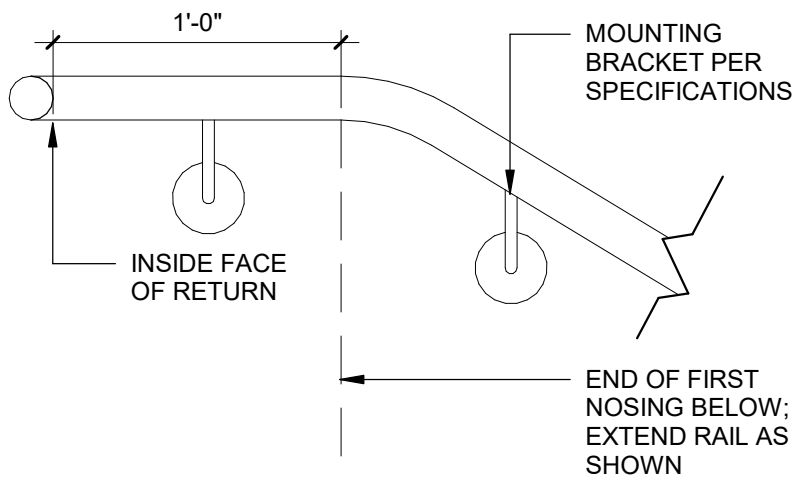
AGENCY APPROVAL

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NE Certificate of Authorization: CA-0433

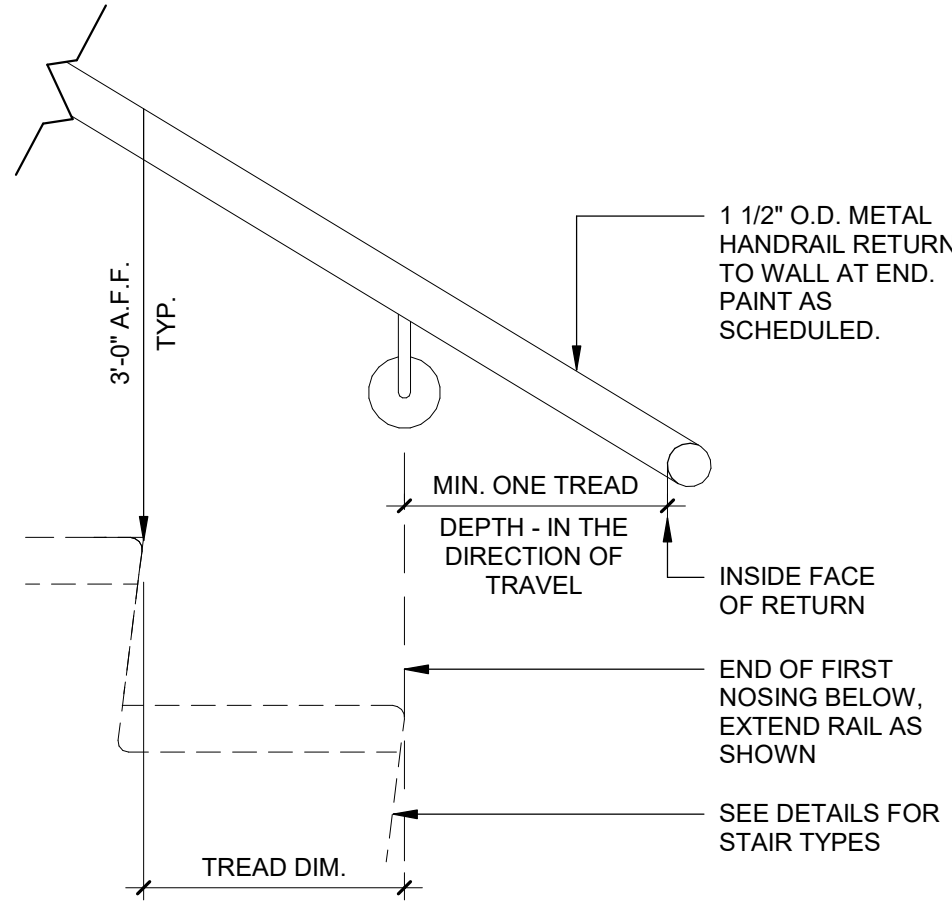
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VERTICAL CIRCULATION -
DETAILS

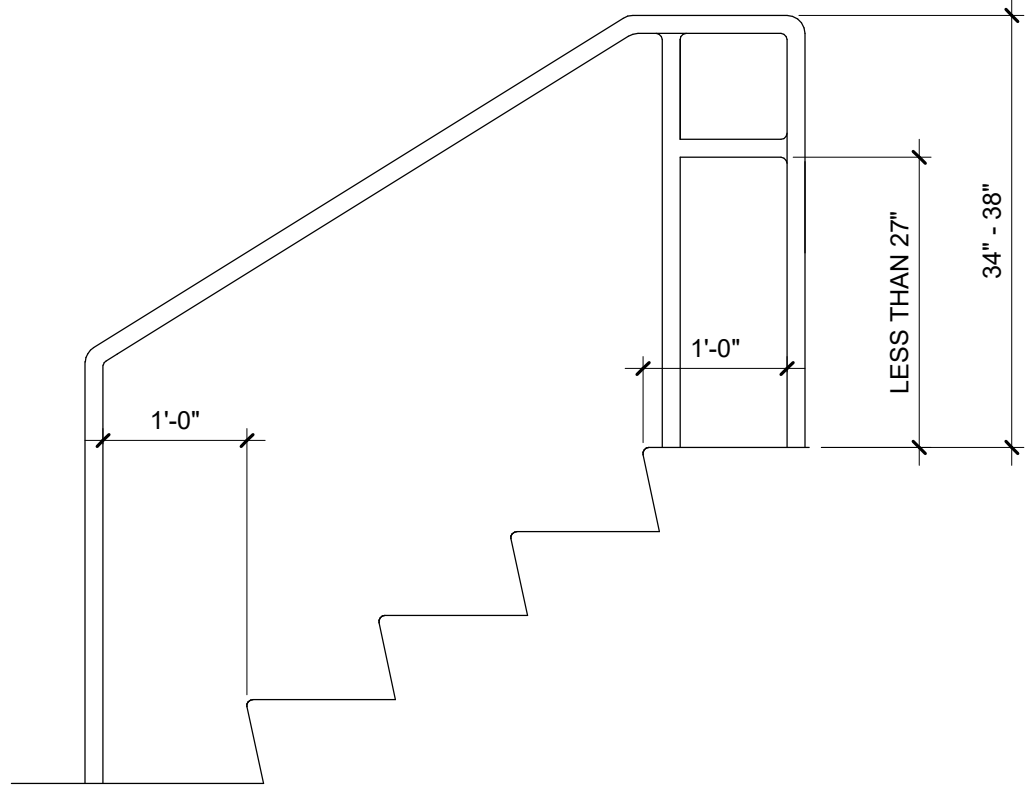
A4.2



C1 TYP HANDRAIL EXTENSIONS - UPPER
A4.2 SCALE: 1 1/2" = 1'-0"



C4 TYP HANDRAIL EXTENSIONS - LOWER
A4.2 SCALE: 1 1/2" = 1'-0"

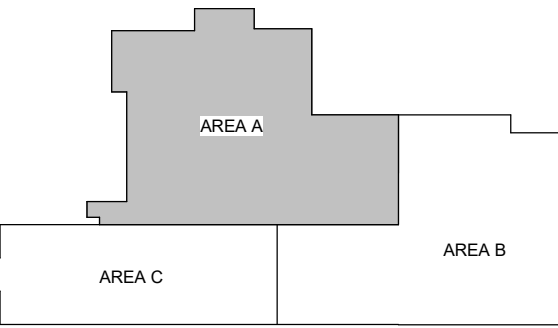


C6 MOUNTING HEIGHT / STAIR DETAILS
A4.2 SCALE: 3/4" = 1'-0"

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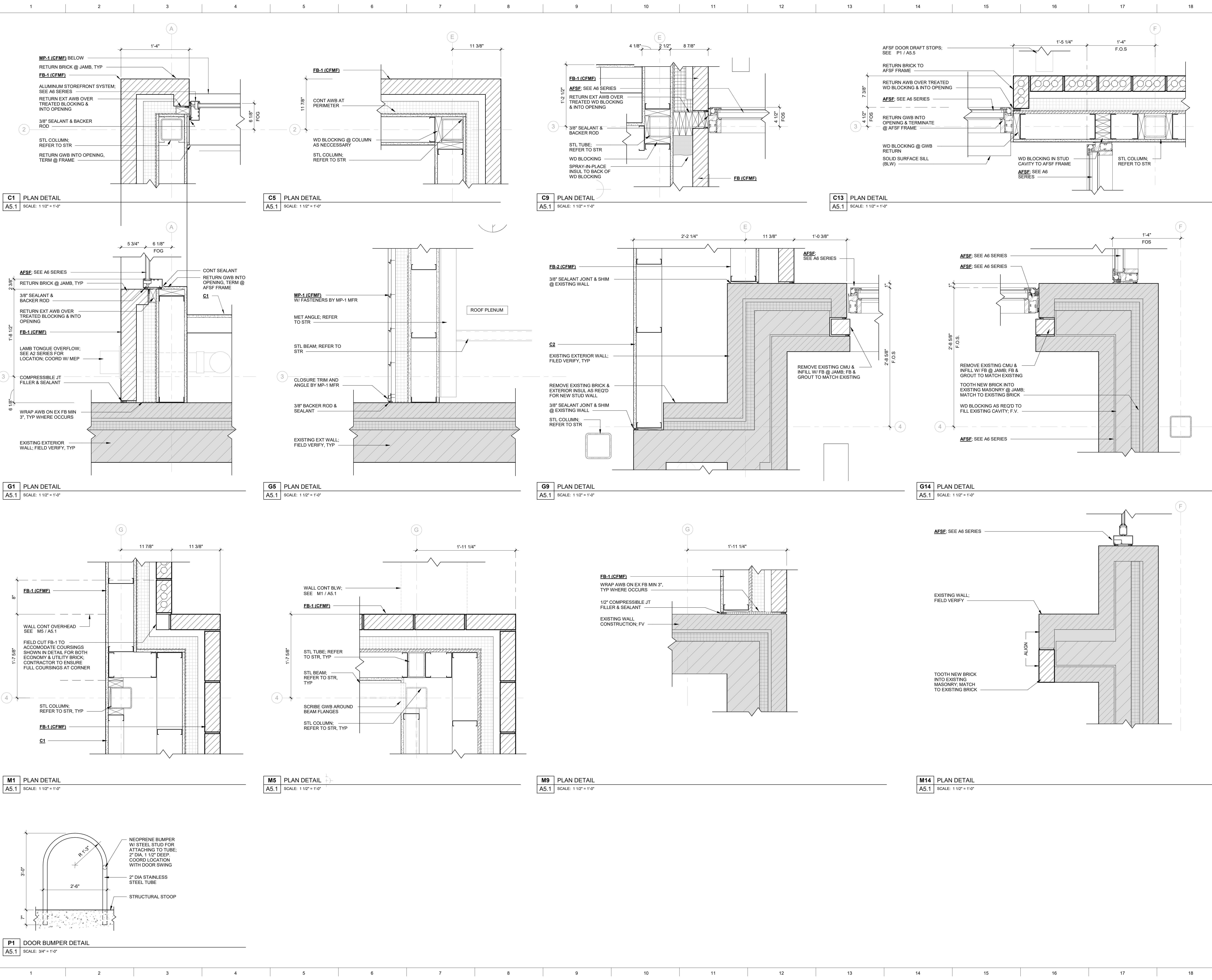


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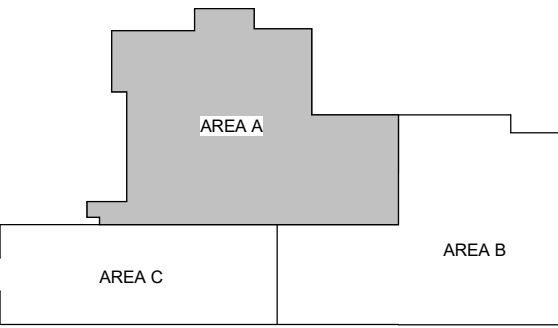
BUILDING DETAILS

A5.1



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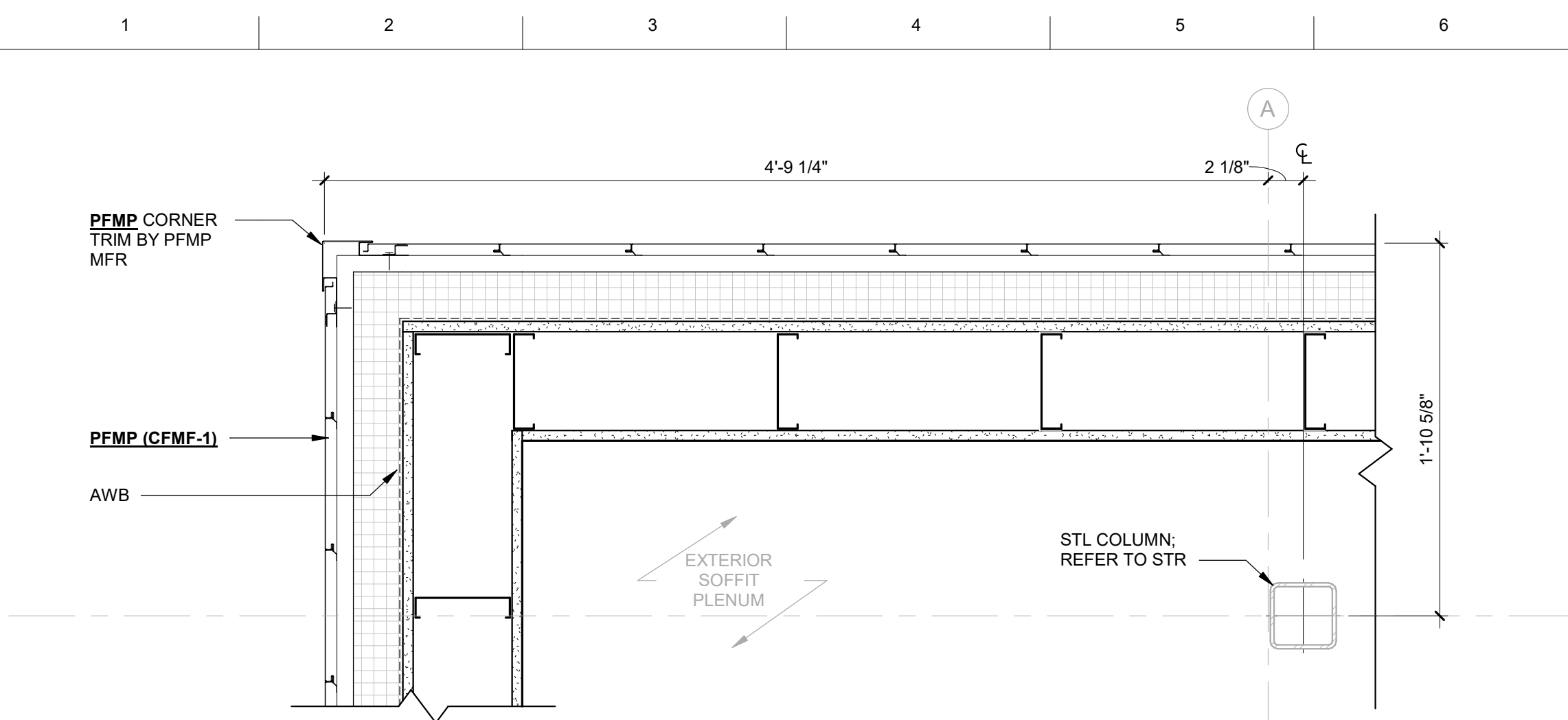


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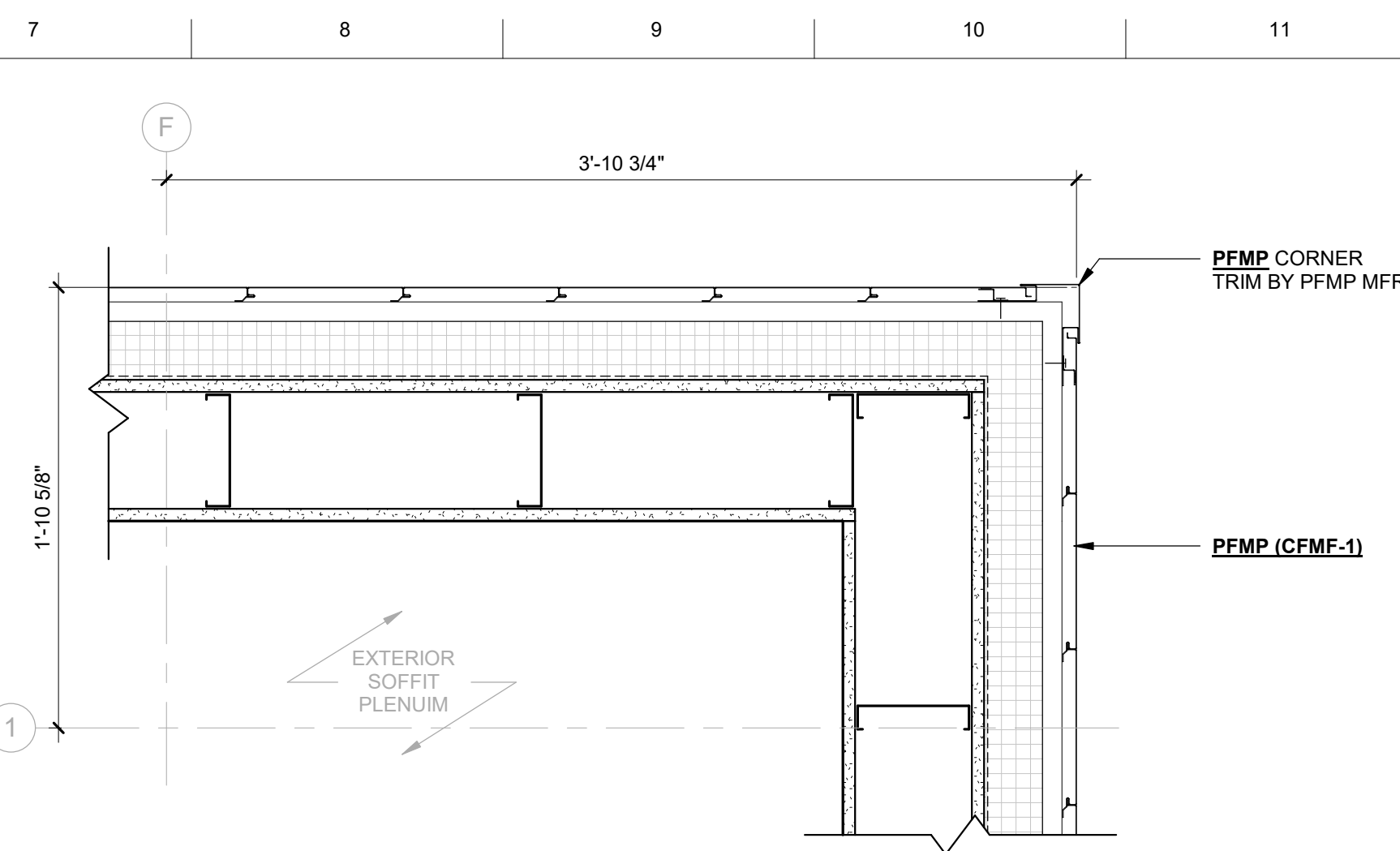
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BUILDING DETAILS

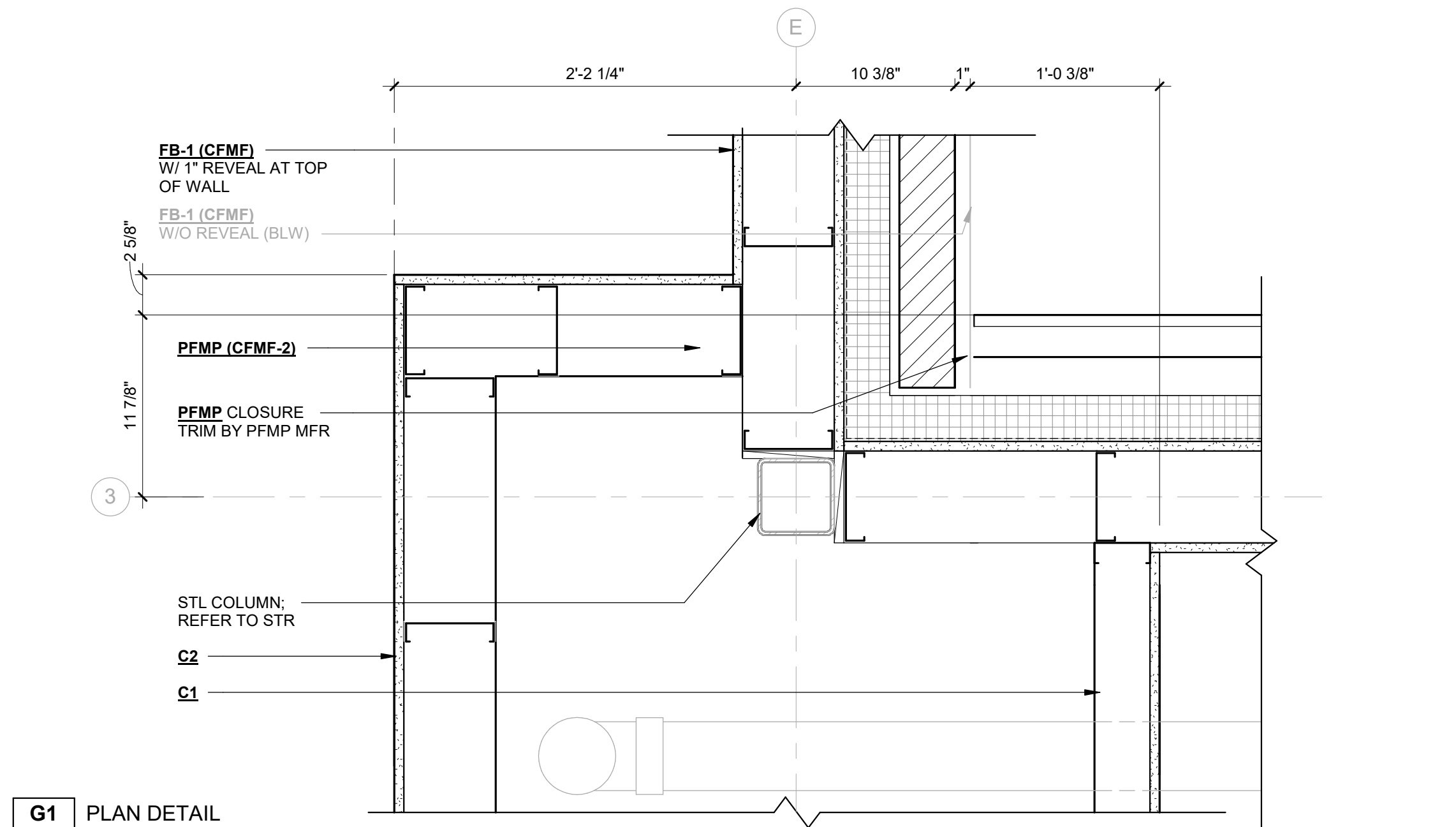
A5.2



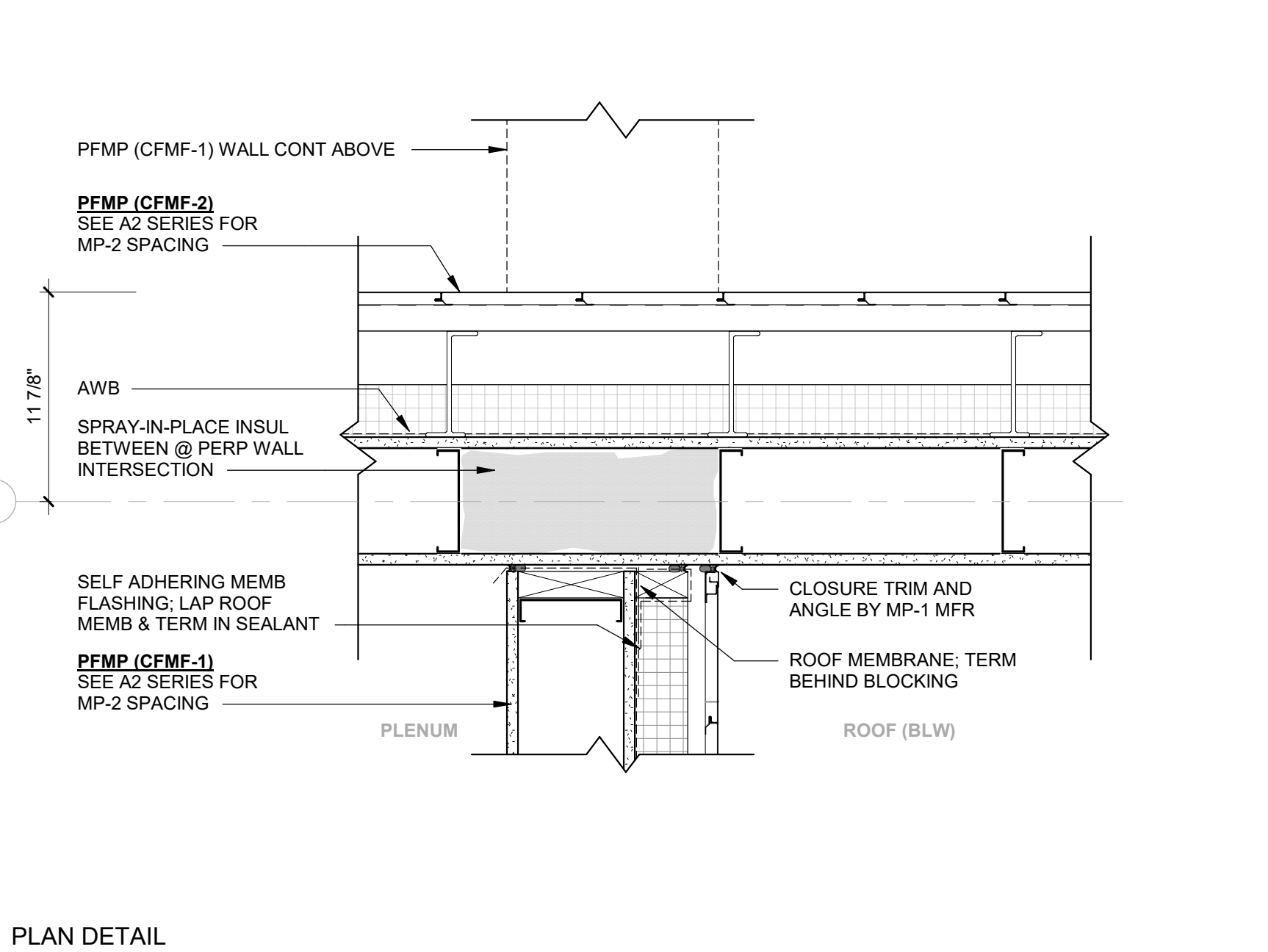
C1 PLAN DETAIL
A5.2 SCALE: 1 1/2" = 1'-0"



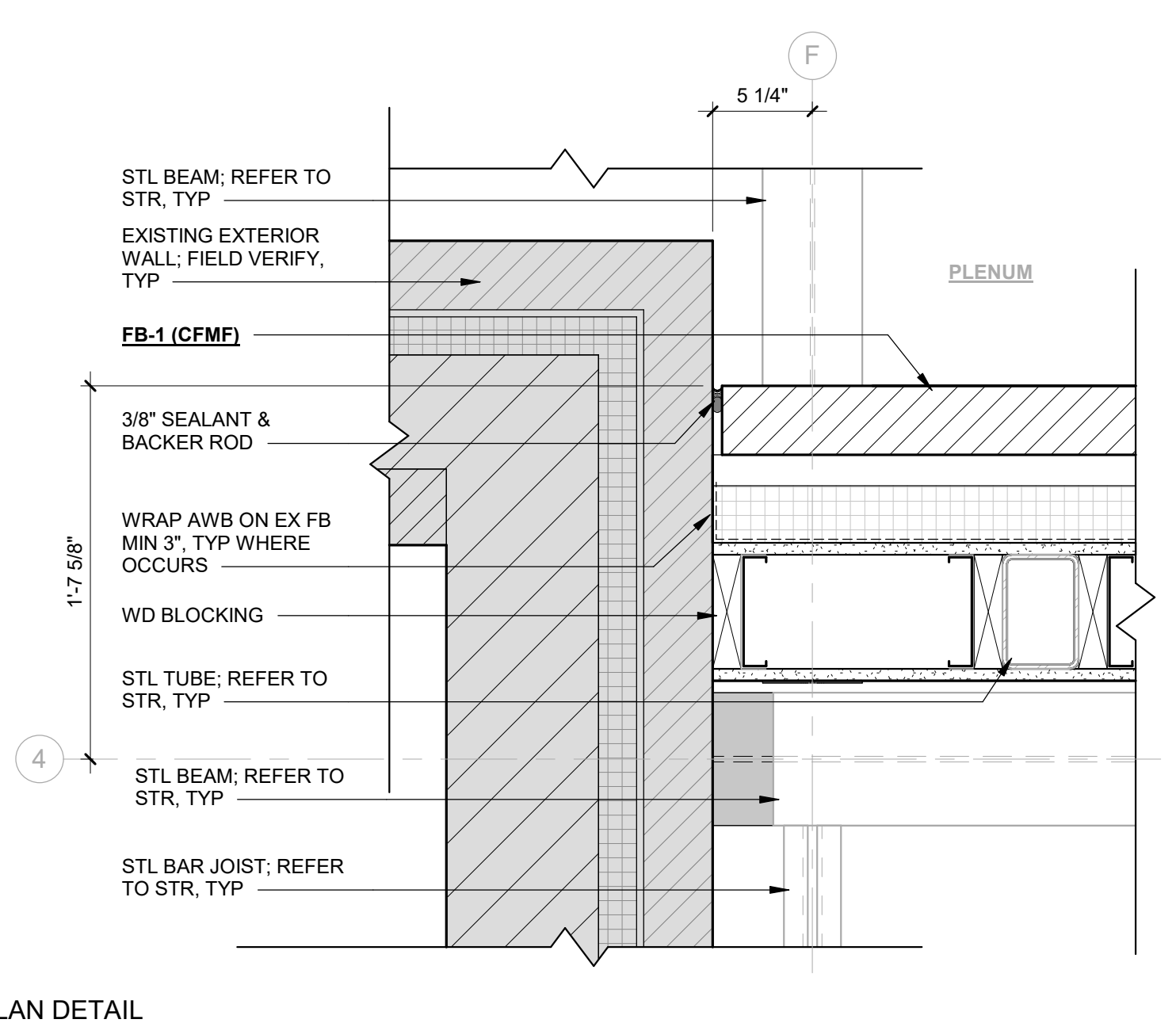
C7 PLAN DETAIL
A5.2 SCALE: 1 1/2" = 1'-0"



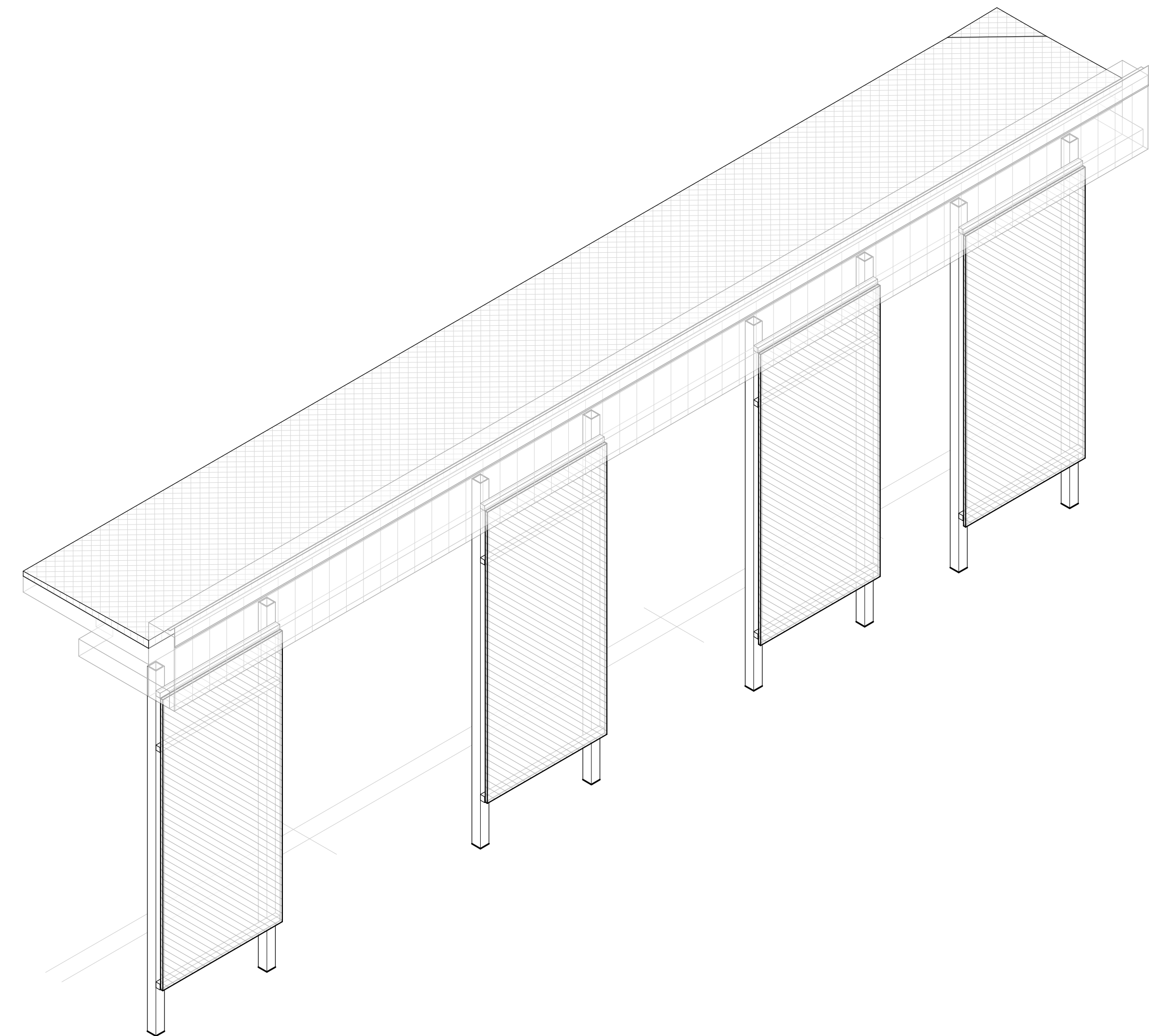
G1 PLAN DETAIL
A5.2 SCALE: 1 1/2" = 1'-0"



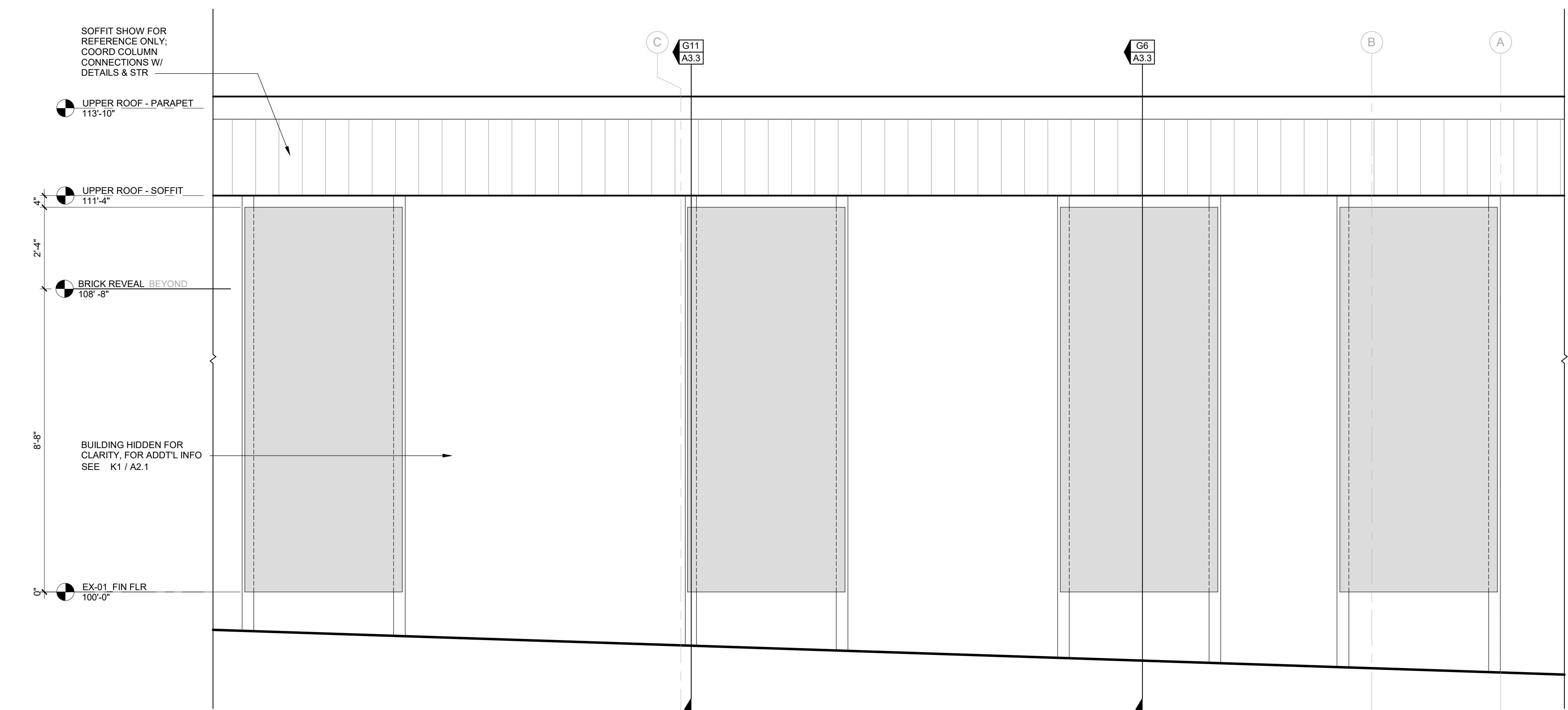
G7 PLAN DETAIL
A5.2 SCALE: 1 1/2" = 1'-0"



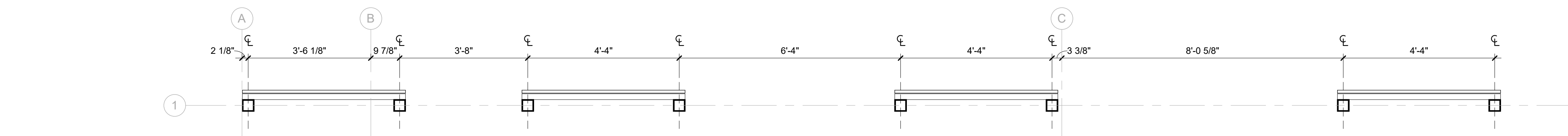
G12 PLAN DETAIL
A5.2 SCALE: 1 1/2" = 1'-0"



P1 ISOMETRIC - SCREEN WALL
A5.2 SCALE:



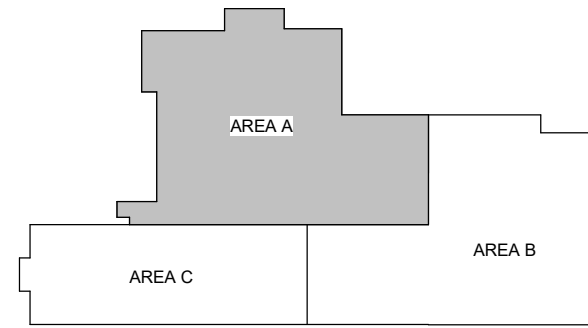
N7 SCREEN ELEVATION - NORTH
A5.2 SCALE: 1/2" = 1'-0"



P7 ENLARGED PLAN - SCREEN WALL
A5.2 SCALE: 1/2" = 1'-0"

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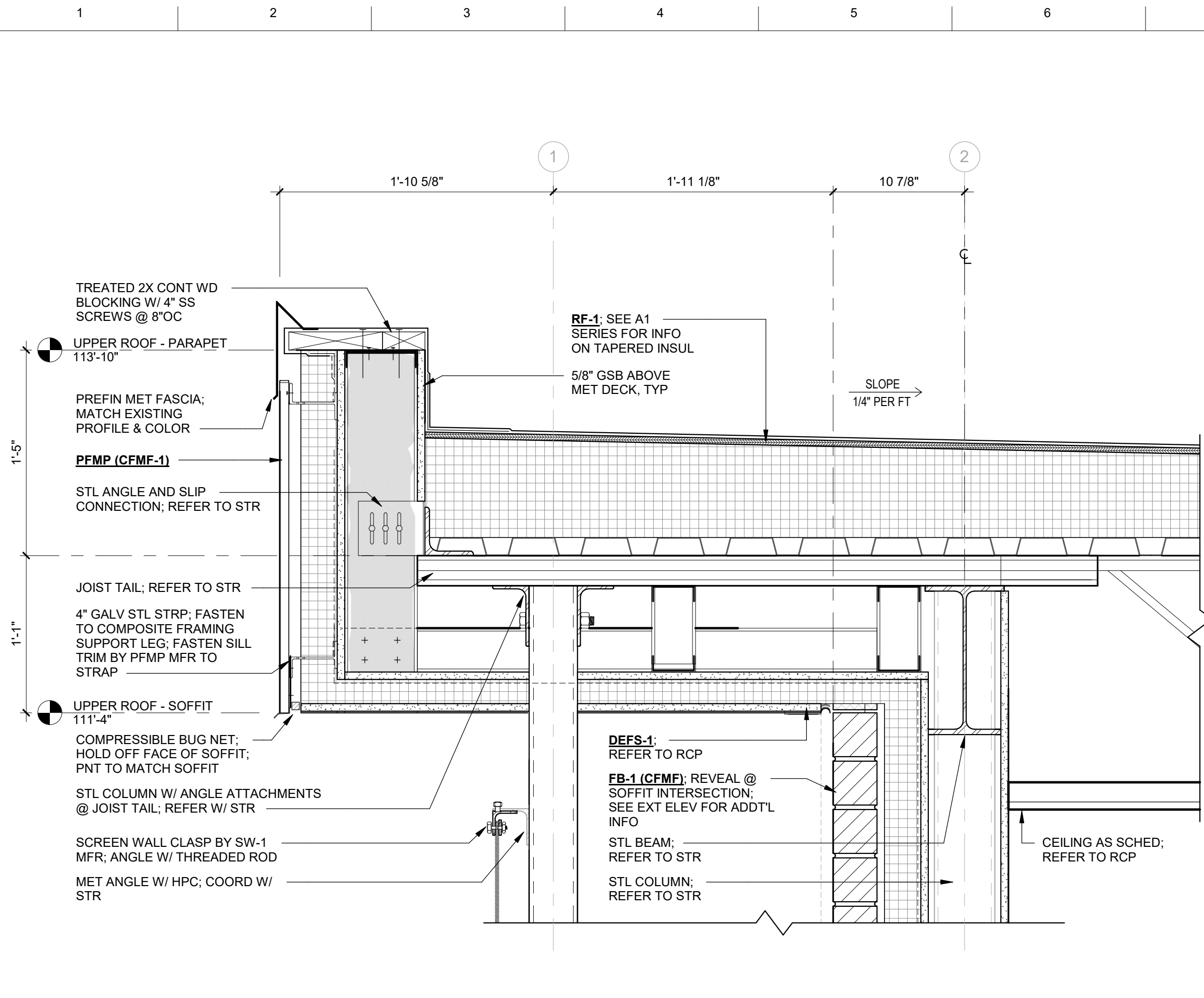


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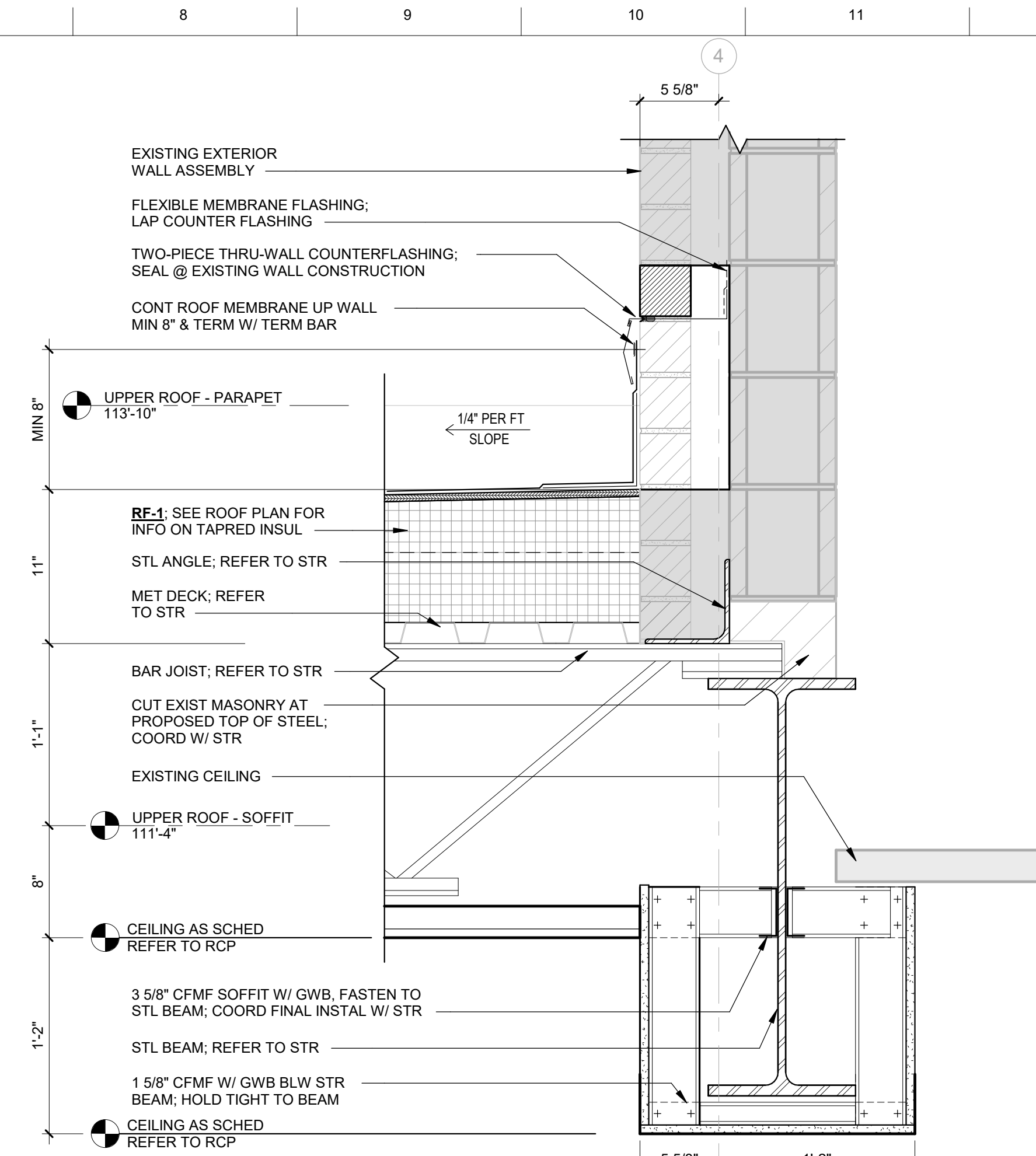
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BUILDING DETAILS -
SECTION

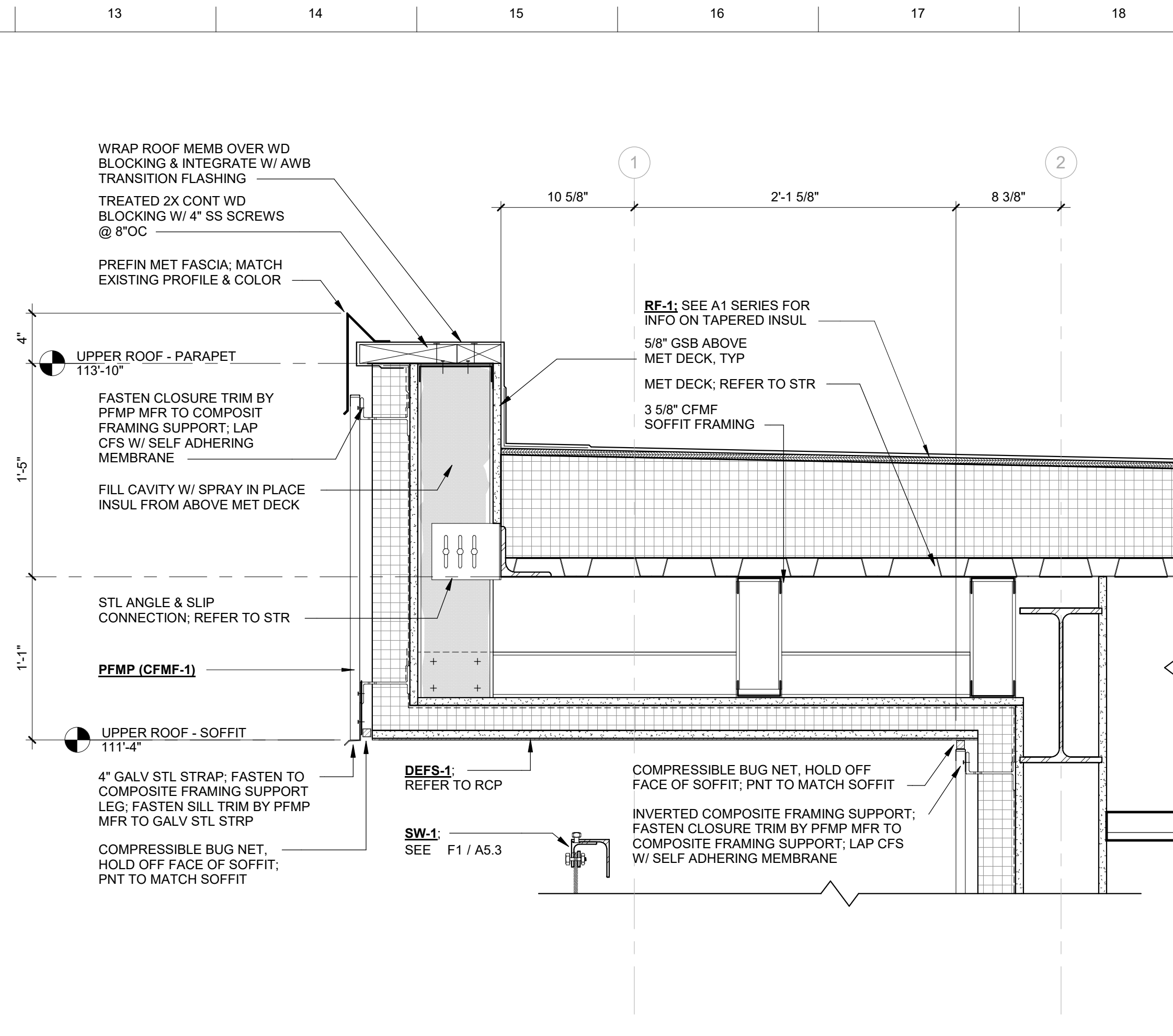
A5.3



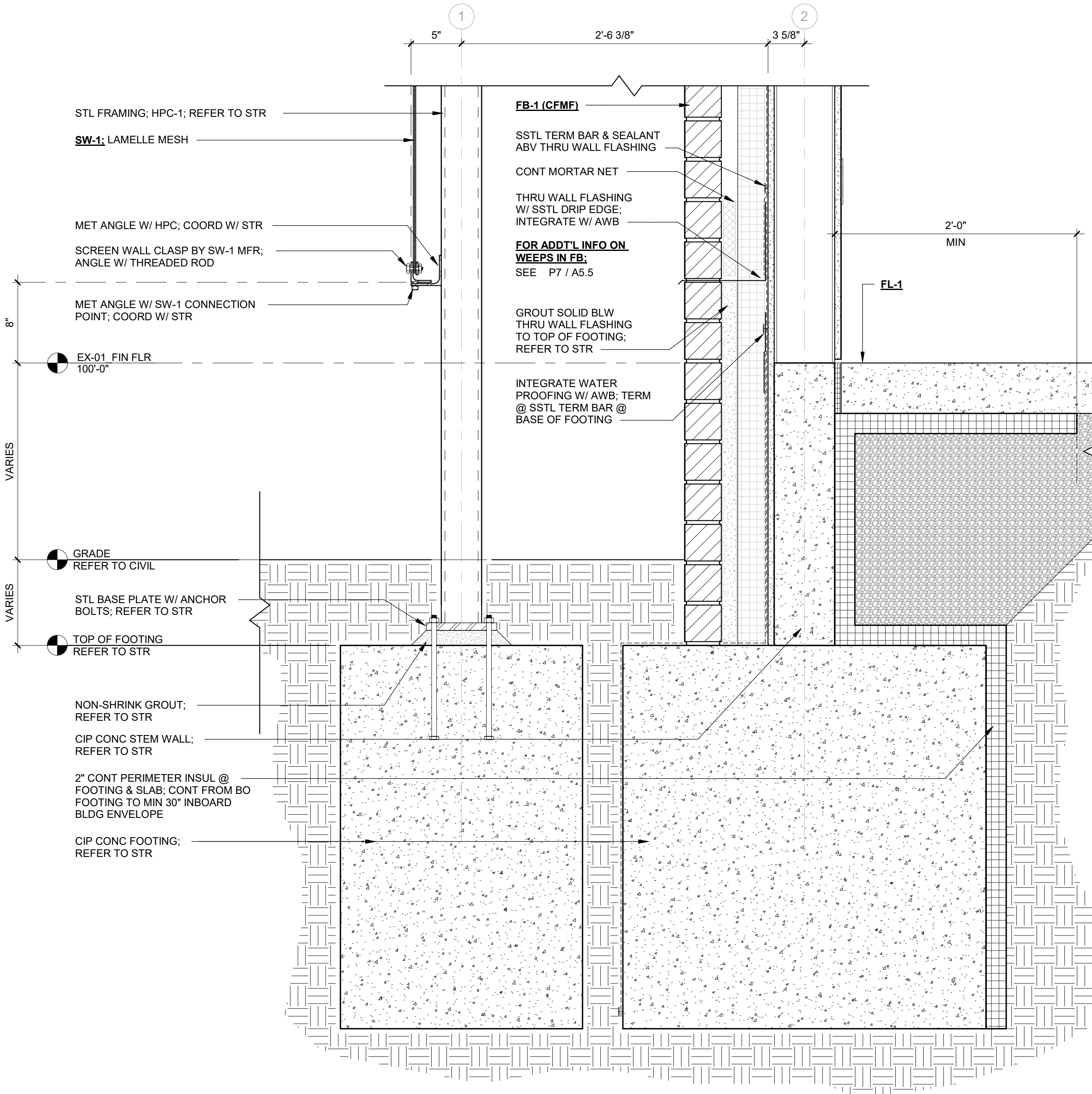
F1 SECTION DETAIL
A5.3 SCALE: 1 1/2" = 1'-0"



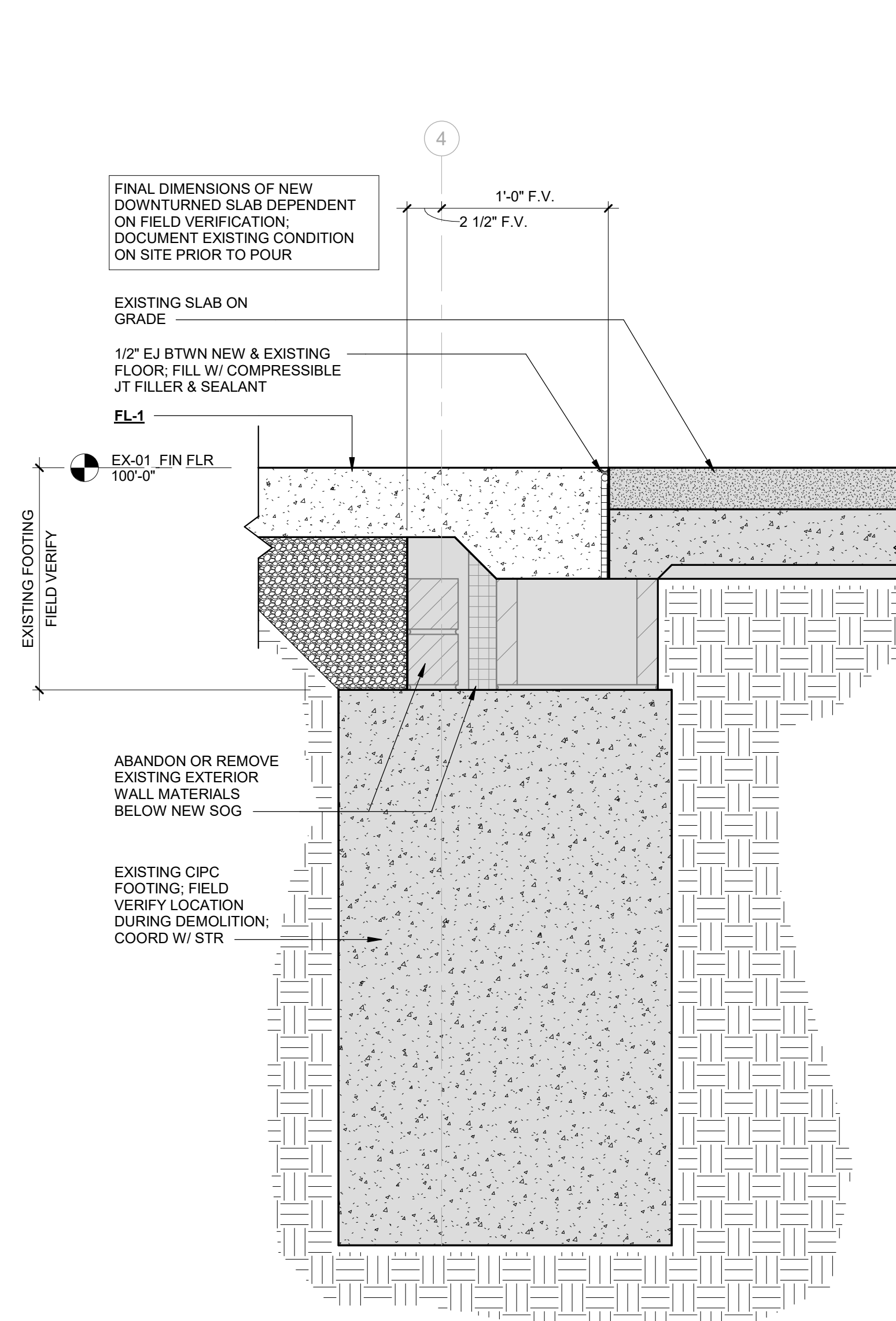
F8 SECTION DETAIL
A5.3 SCALE: 1 1/2" = 1'-0"



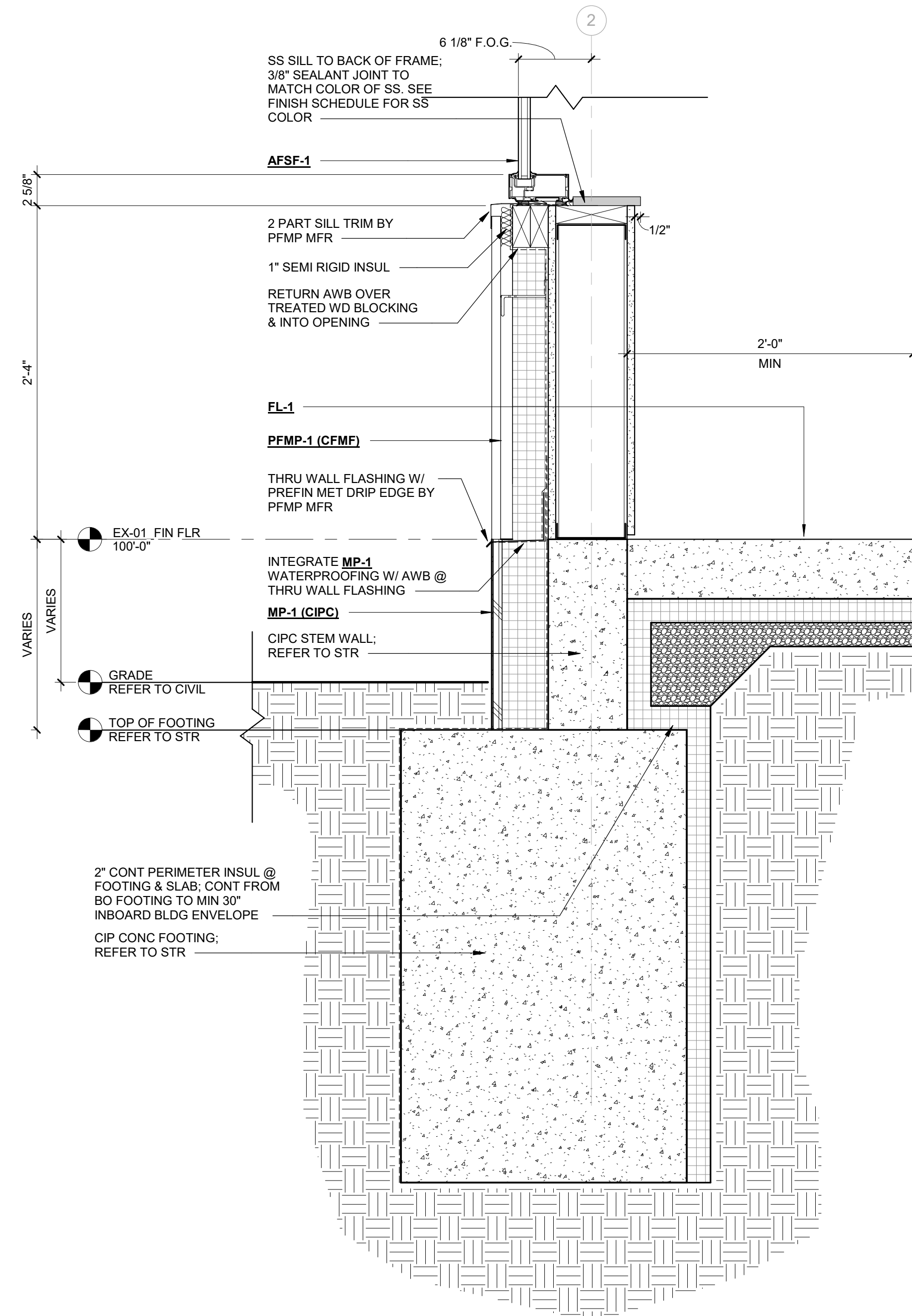
F13 SECTION DETAIL
A5.3 SCALE: 1 1/2" = 1'-0"



P1 SECTION DETAIL
A5.3 SCALE: 1 1/2" = 1'-0"



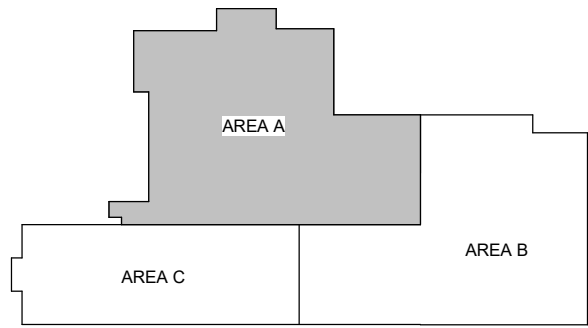
P8 SECTION DETAIL
A5.3 SCALE: 1 1/2" = 1'-0"



P13 SECTION DETAIL
A5.3 SCALE: 1 1/2" = 1'-0"

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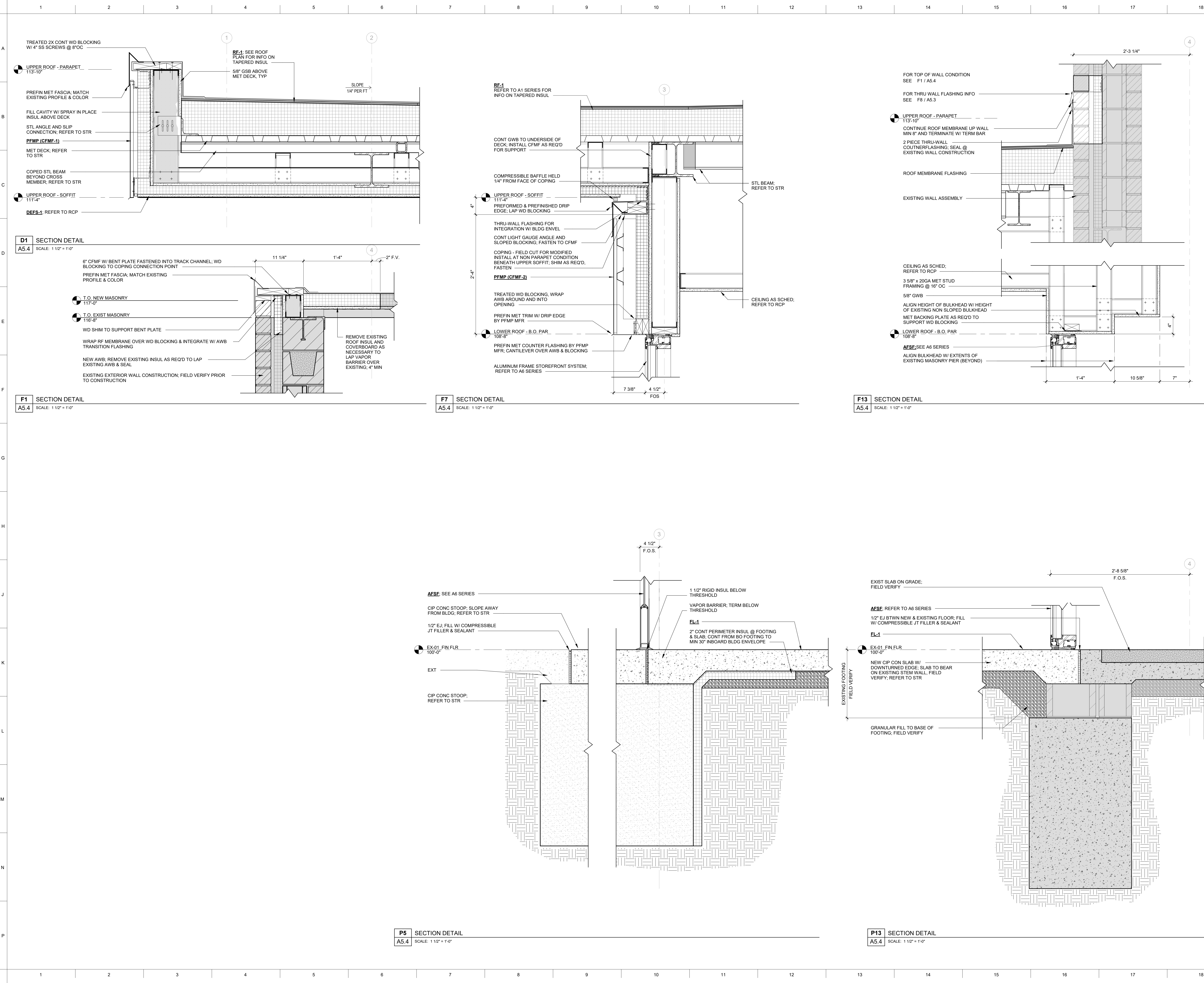


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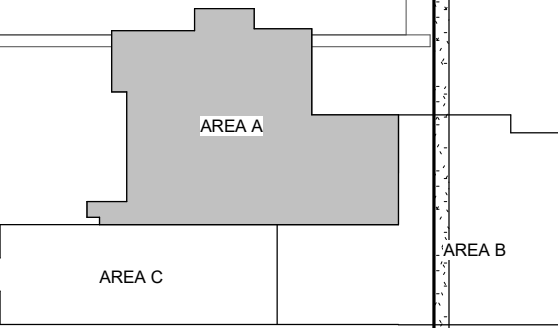
BUILDING DETAILS -
SECTION

A5.4



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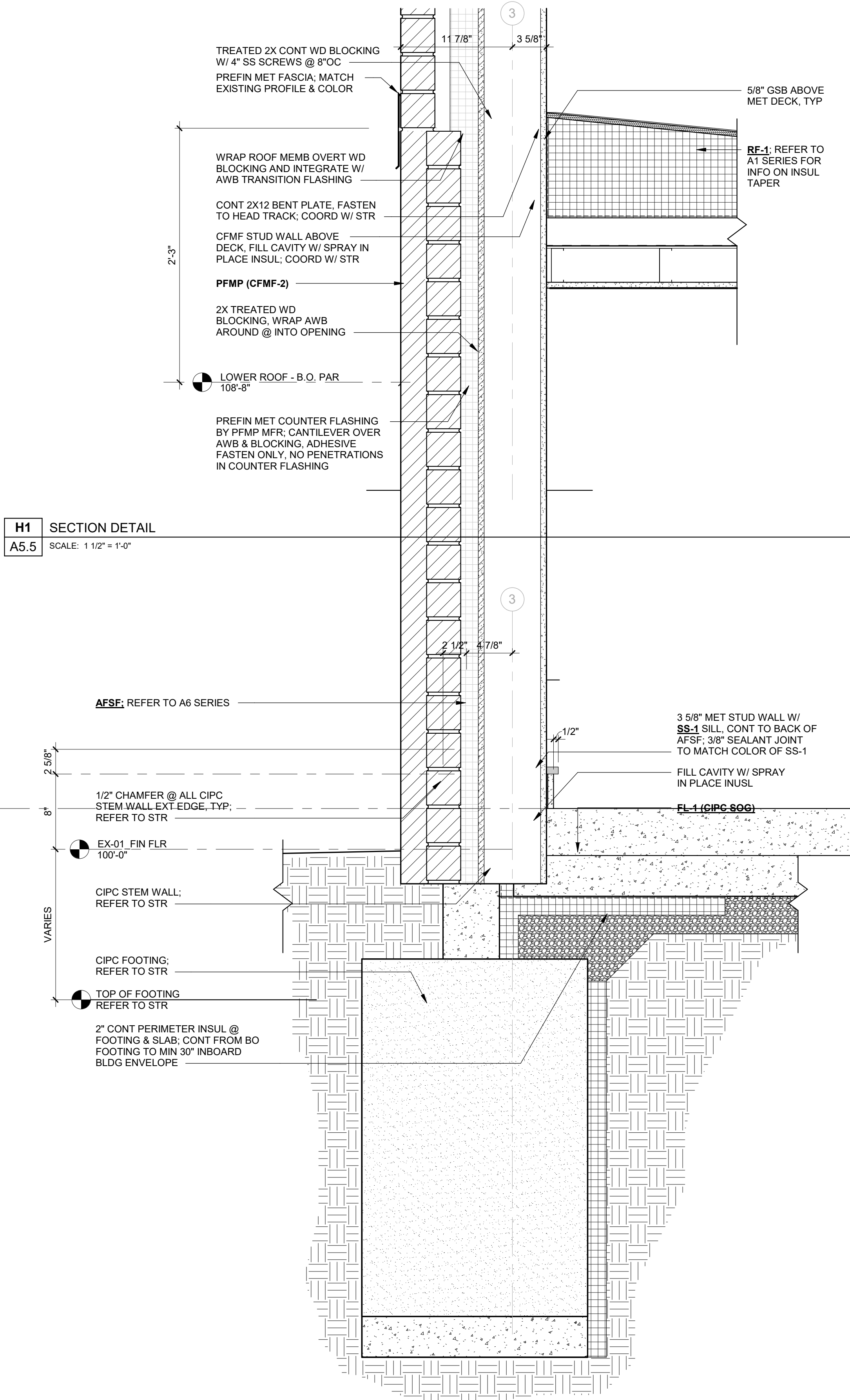
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BUILDING DETAILS -
SECTION

A5.5

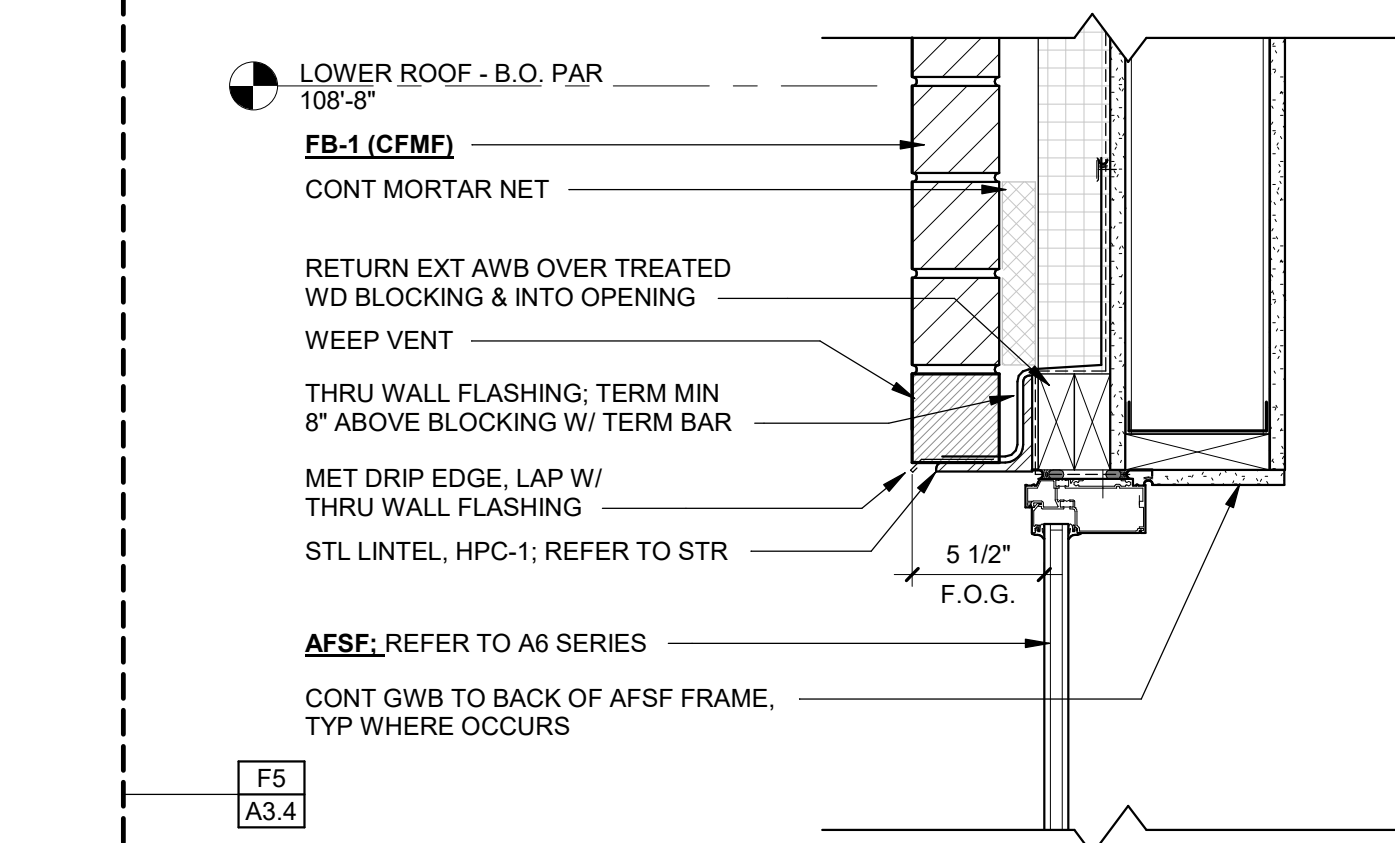
D1 SECTION DETAIL
A5.5 SCALE: 1 1/2" = 1'-0"



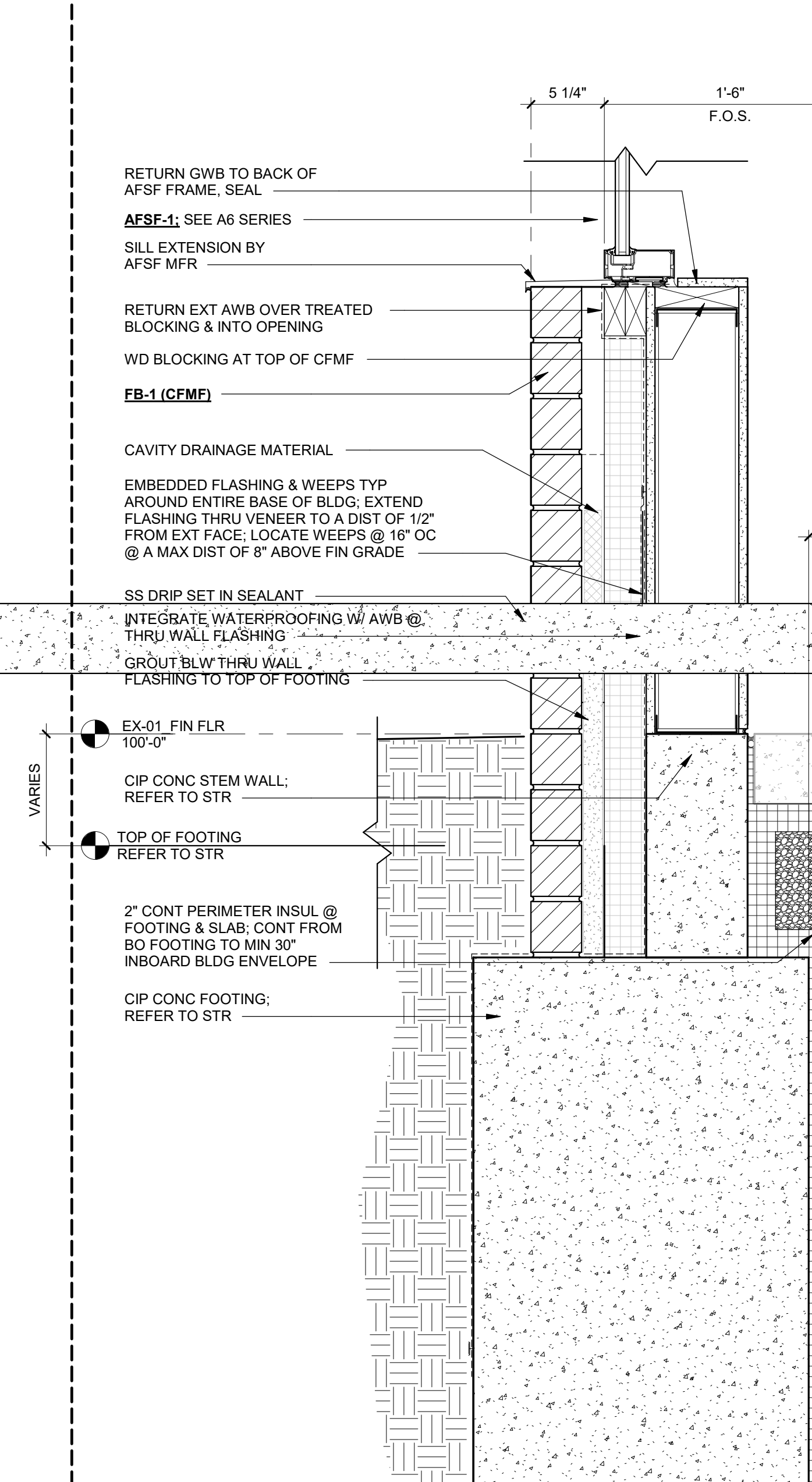
P1 SECTION DETAIL
A5.5 SCALE: 1 1/2" = 1'-0"



D7 SECTION DETAIL
A5.5 SCALE: 1 1/2" = 1'-0"



G7 SECTION DETAIL
A5.5 SCALE: 1 1/2" = 1'-0"



P7 SECTION DETAIL
A5.5 SCALE: 1 1/2" = 1'-0"

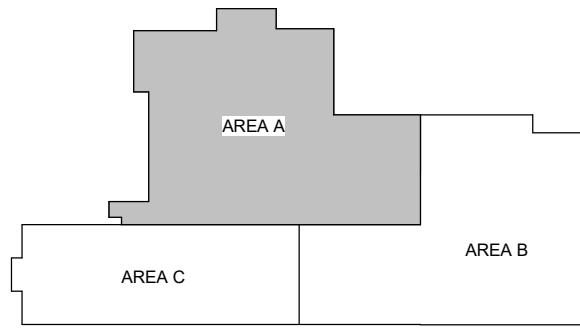


D13 DETAIL - LINTEL AT DUCT PASSAGE
A5.5 SCALE: 1 1/2" = 1'-0"



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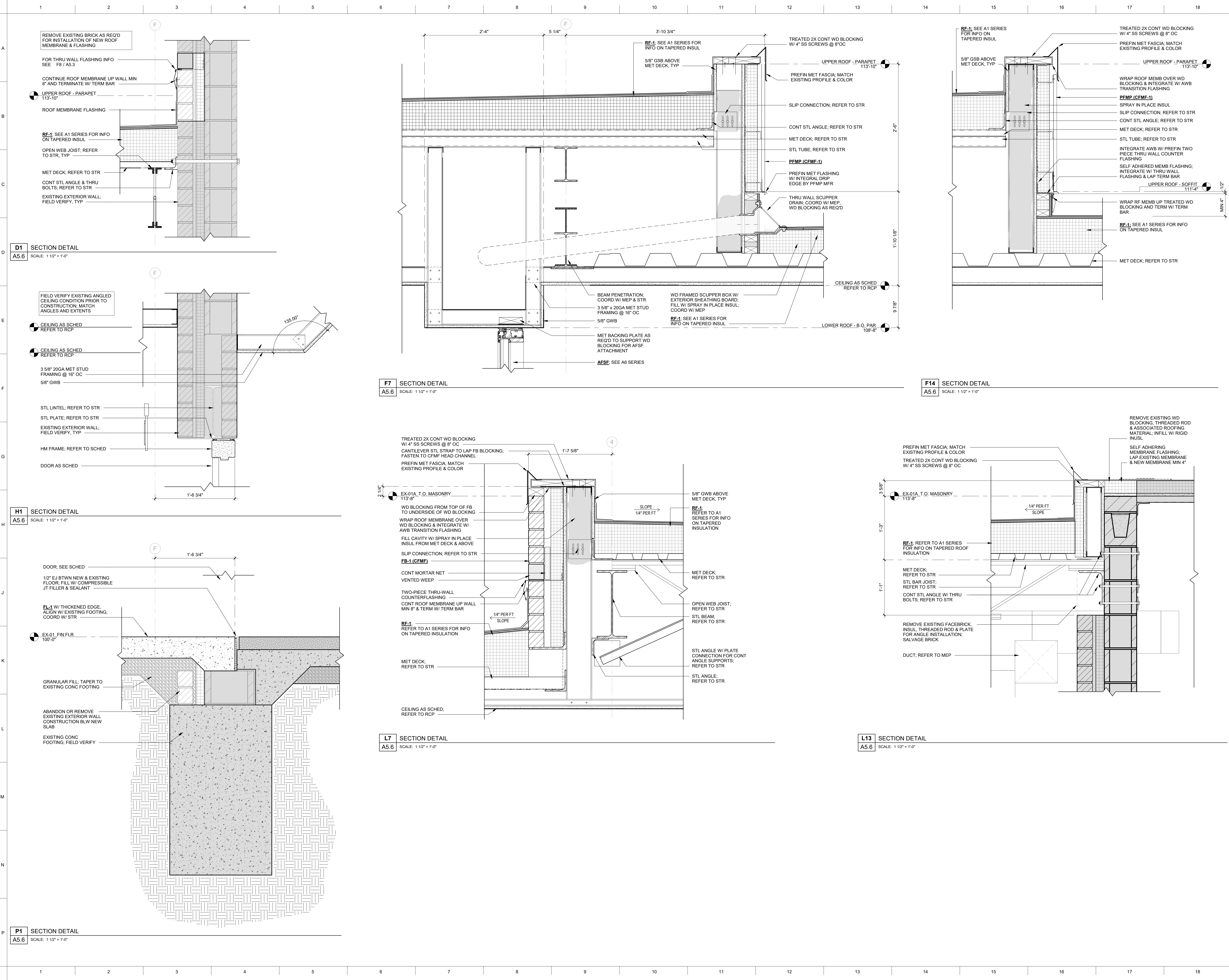
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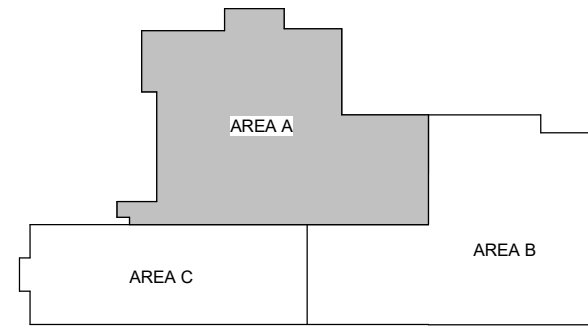
BUILDING DETAILS -
SECTION

A5.6



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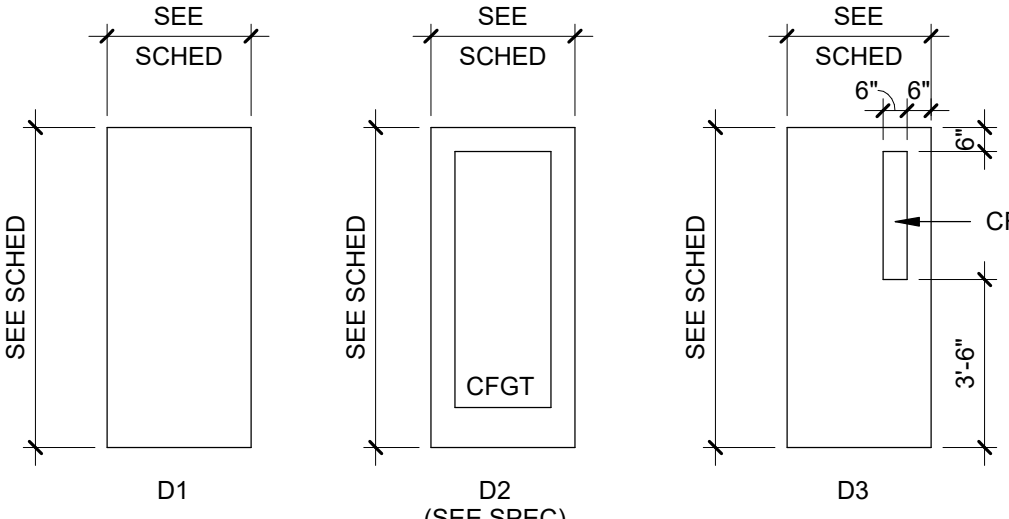
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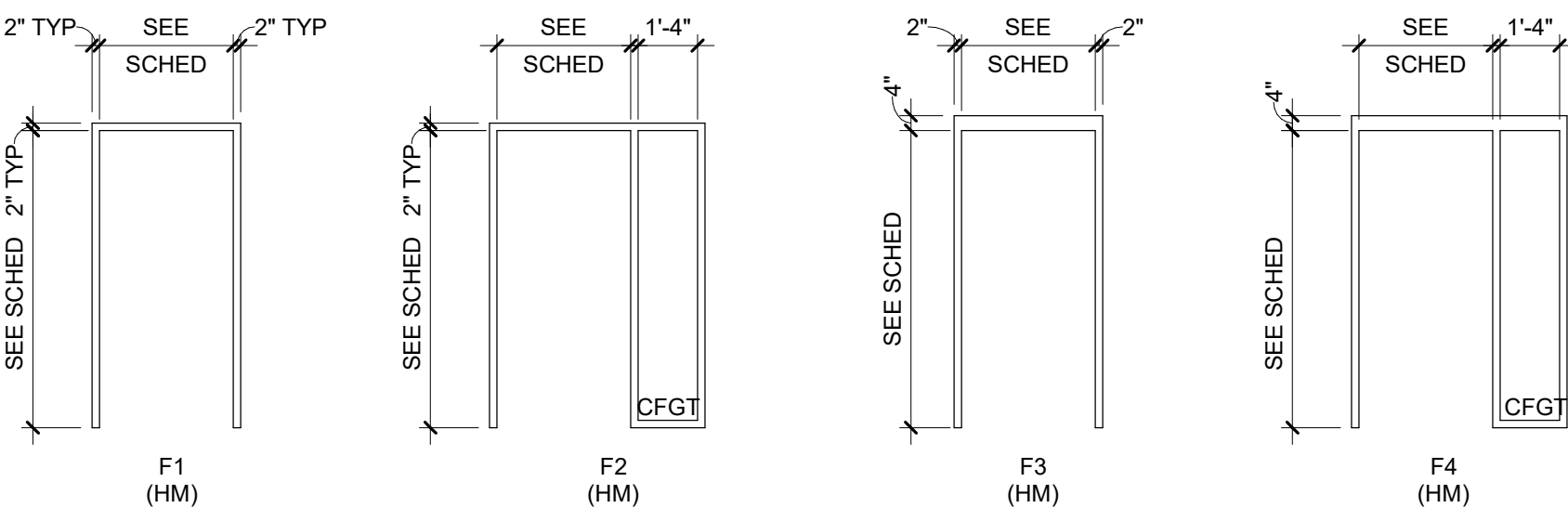
DOOR AND FRAME
SCHEDULE

A6.1

SCHEDULE - DOOR AND FRAME																	
NUMBER	FRAME			DOOR						HARDWARE		DETAILS		COMMENTS	SIGN TYPE	SIGN TEXT	
	TYPE	MATL	FINISH	TYPE	QTY	WIDTH	HEIGHT	MATL	FINISH	FIRE RATING	SET #	CARD READER	HEAD				JAMB
100.1	F7	ALUM	ALUM	D2	SGL	3'-4"	8'-6"	ALUM	ALUM		1.0	X	H13/A6.1	H13/A6.1	CARD READER AT EXT		
100.2	F7	ALUM	ALUM	D2	SGL	3'-4"	8'-6"	ALUM	ALUM		3.0		H13/A6.1	H13/A6.1			
100.3	F3	ALUM	ALUM	D2	DBL	3'-4"	8'-6"	ALUM	ALUM		2.0		H13/A6.1	H13/A6.1			
100.4	F10	ALUM	ALUM	D2	SGL	3'-4"	8'-6"	ALUM	ALUM		5.0	X	H13/A6.1	H13/A6.1	CARD READER ON 100 SIDE		
100.5	F10	ALUM	ALUM	D2	SGL	3'-4"	8'-6"	ALUM	ALUM		7.0		H13/A6.1	H13/A6.1		B	EXIT
100.6	F10	ALUM	ALUM	D2	DBL	3'-4"	8'-6"	ALUM	ALUM		6.0		H13/A6.1	H13/A6.1			
101.1	F11	ALUM	ALUM	D2	SGL	3'-0"	8'-6"	ALUM	ALUM		10.0	X	H13/A6.1	H13/A6.1	CARD READER ON 100 SIDE		
101.2	F1	HM	PNT -	D2	SGL	3'-0"	7'-0"	WD	WD-1		9.0	X	H16/A6.1	H16/A6.1	CARD READER ON 101 SIDE	A	OFFICE
101.3	F2	HM	PNT -	D3	SGL	3'-0"	7'-0"	WD	WD-1		8.0	X	H16/A6.1	H16/A6.1	CARD READER ON 101 SIDE		
103.1	F2	HM	PNT -	D3	SGL	3'-0"	7'-0"	WD	WD-1		14.0		H16/A6.1	H16/A6.1		A	103
104.1	F2	HM	PNT -	D3	SGL	3'-0"	7'-0"	WD	WD-1		12.0		H16/A6.1	H16/A6.1		A	104
105.1	F2	HM	PNT -	D3	SGL	3'-0"	7'-0"	WD	WD-1		12.0		H16/A6.1	H16/A6.1		A	105
106.1	F1	HM	PNT -	D1	SGL	3'-6"	7'-0"	HM	WD-1		11.0		H16/A6.1	H16/A6.1		B	STORAGE
107.1	F2	HM	PNT -	D3	SGL	3'-0"	7'-0"	WD	WD-1		12.0		H16/A6.1	H16/A6.1		A	NURSE
108.1	EXIST	HM	PNT-	D3	SGL	3'-0"	7'-0"	WD	WD-1		13.0		EXIST	EXIST			
109.1A	F5	ALUM	ALUM	D2	SGL	3'-0"	8'-6"	ALUM	ALUM		4.0		H13/A6.1	H13/A6.1			



DOOR TYPES



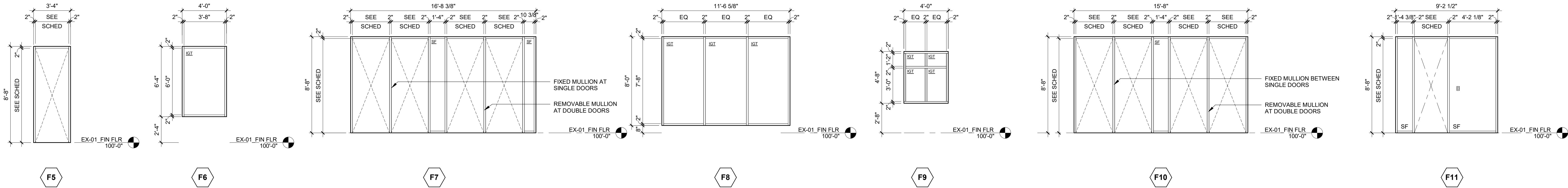
FRAME TYPES

DOOR AND FRAME SCHEDULE NOTES

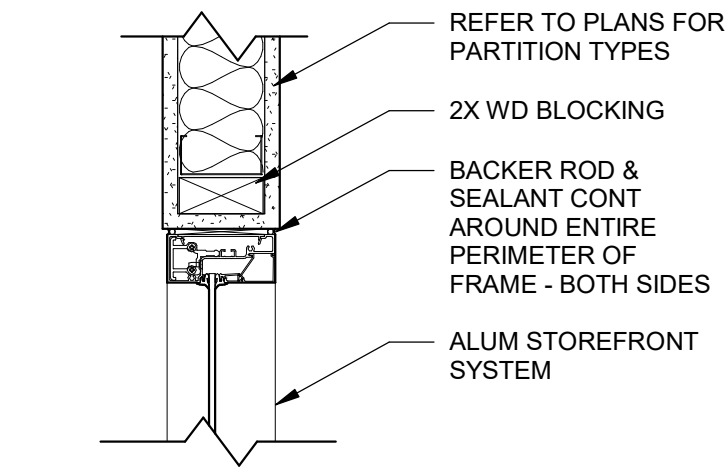
- ALL EXTERIOR FRAMES SHALL BE INSTALLED WITH 1/4" SHIM AND SEALANT AROUND PERIMETER OF FRAME.
- LINTELS ARE SHOWN ON STRUCTURAL DRAWINGS.
- GLASS TYPES FOR DOORS ARE INDICATED IN THE COMMENTS COLUMN OF THE DOOR AND FRAME SCHEDULE. GLASS TYPES FOR FRAMES ARE INDICATED ON THE FRAME ELEVATIONS.
- HEAD, JAMB AND SILL DETAILS ARE FOUND ON SHEET, A6.1 UNLESS NOTED OTHERWISE.
- ALL GLASS AT INTERIOR DOORS SHALL BE CTGT UON IN THE COMMENTS ON THE DOOR HARDWARE SCHED.

GLAZING LEGEND

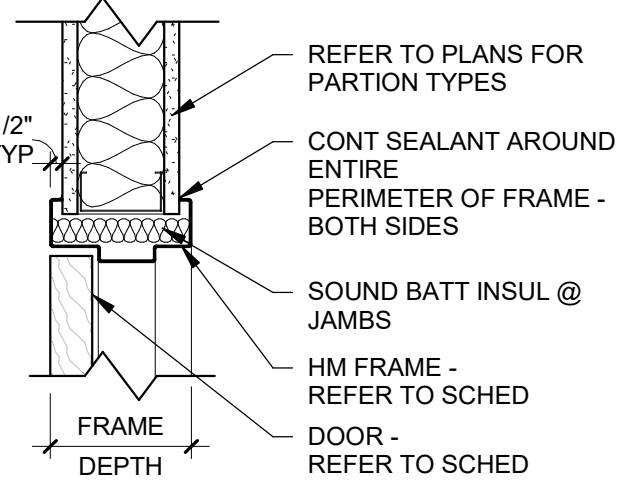
- CFG CLEAR FLOAT GLASS
- CFGT CLEAR FLOAT GLASS TEMPERED
- CFGL CLEAR FLOAT GLASS LAMINATED
- IG INSULATED GLASS
- IGT INSULATED GLASS TEMPERED
- SF SAFETY GLAZING - SEE SPEC



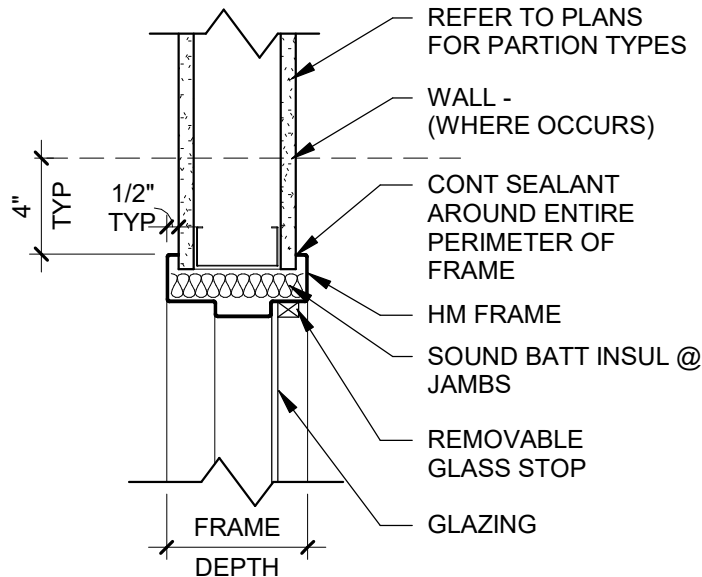
FRAME ELEVATIONS
SCALE: 1/4" = 1'-0"



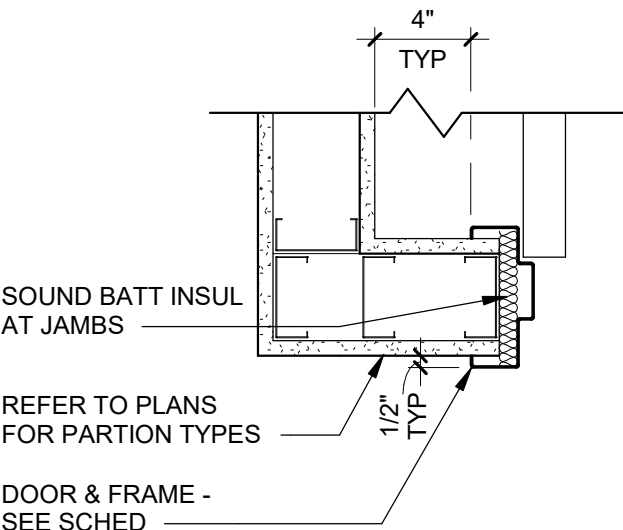
H13 DETAIL - ALUM HEAD/ JAMB
A6.1 SCALE: 1 1/2" = 1'-0"



H16 DETAIL - HM HEAD/ JAMB
A6.1 SCALE: 1 1/2" = 1'-0"



K13 DETAIL - STANDARD HEAD/ JAMB LOCATION
A6.1 SCALE: 1 1/2" = 1'-0"



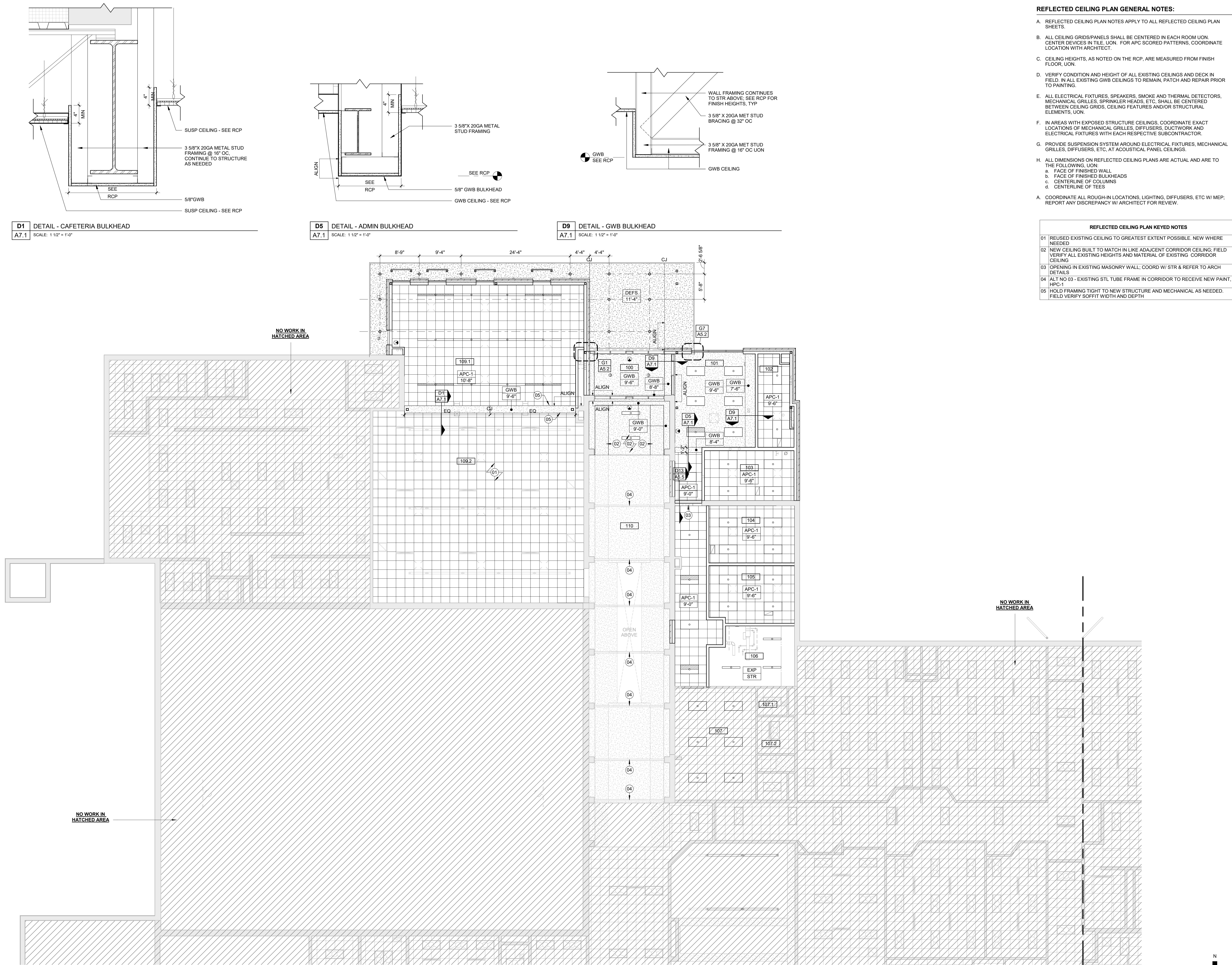
K16 DETAIL - STANDARD HM JAMB LOCATION AT CORNER
A6.1 SCALE: 1 1/2" = 1'-0"

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REFLECTED CEILING PLAN -
LEVEL 01

A7.1



REFLECTED CEILING PLAN GENERAL NOTES:

- A. REFLECTED CEILING PLAN NOTES APPLY TO ALL REFLECTED CEILING PLAN SHEETS.
- B. ALL CEILING GRID/PANELS SHALL BE CENTERED IN EACH ROOM UNLESS CENTER DEVICES IN CENTER. FOR APC SCORED PATTERNS, COORDINATE LOCATION WITH ARCHITECT.
- C. CEILING HEIGHTS, AS NOTED ON THE RCP, ARE MEASURED FROM FINISH FLOOR.
- D. VERIFY CONDITION AND HEIGHT OF ALL EXISTING CEILINGS AND DECK IN FIELD. IN ALL EXISTING GYM CEILINGS TO REMAIN, PATCH AND REPAIR PRIOR TO PAINTING.
- E. ALL ELECTRICAL FIXTURES, SPEAKERS, SMOKE AND THERMAL DETECTORS, MECHANICAL GRILLES, SPRINKLER HEADS, ETC. SHALL BE CENTERED BETWEEN CEILING GRIDS, CEILING FEATURES AND/OR STRUCTURAL ELEMENTS. UN.
- F. IN AREAS WITH EXPOSED STRUCTURE CEILINGS, COORDINATE EXACT LOCATIONS OF MECHANICAL GRILLES, DIFFUSERS, DUCTWORK AND ELECTRICAL FIXTURES WITH EACH RESPECTIVE SUBCONTRACTOR.
- G. PROVIDE SUSPENSION SYSTEM AROUND ELECTRICAL FIXTURES, MECHANICAL GRILLES, DIFFUSERS, ETC. AT ACOUSTICAL PANEL CEILINGS.
- H. ALL DIMENSIONS ON REFLECTED CEILING PLANS ARE ACTUAL AND ARE TO THE FOLLOWING: UN.
 - a. FACE OF FINISHED WALL
 - b. FACE OF FINISHED BULKHEADS
 - c. CENTERLINE OF COLUMNS
 - d. CENTERLINE OF TEES
- A. COORDINATE ALL ROUGH-IN LOCATIONS, LIGHTING, DIFFUSERS, ETC. W/ MEP; REPORT ANY DISCREPANCY W/ ARCHITECT FOR REVIEW.

REFLECTED CEILING PLAN KEYED NOTES

- | | |
|----|---|
| 01 | REUSE EXISTING CEILING TO GREATEST EXTENT POSSIBLE. NEW WHERE NEEDED |
| 02 | NEW CEILING BUILT TO MATCH IN LIKE ADJACENT CORRIDOR CEILING; FIELD VERIFY ALL EXISTING HEIGHTS AND MATERIAL OF EXISTING CORRIDOR CEILING |
| 03 | OPENING IN EXISTING MASONRY WALL; COORD W/ STR & REFER TO ARCH DETAIL |
| 04 | ALT N0 03 - EXISTING STL TUBE FRAME IN CORRIDOR TO RECEIVE NEW PAINT, HPC-1 |
| 05 | HOLD FRAMING TIGHT TO NEW STRUCTURE AND MECHANICAL AS NEEDED. FIELD VERIFY SOFFIT WIDTH AND DEPTH |

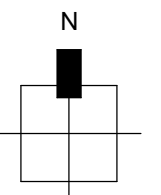
D1 DETAIL - CAFETERIA BULKHEAD

D5 | DETAIL - ADMIN BULKHEAD

D9 DETAIL - GWB BULKHEAD

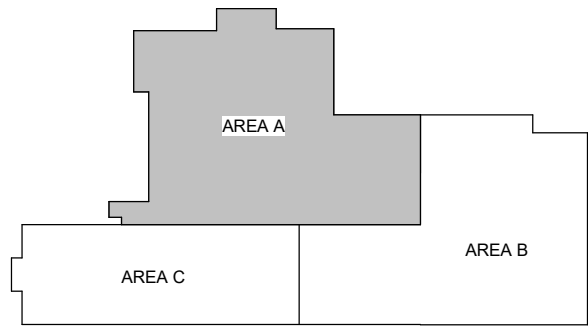
P1 REFLECTED CEILING PLAN - LEVEL 01

9/9/2025 3:35:52 PM



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ENLARGED PLAN GENERAL NOTES:

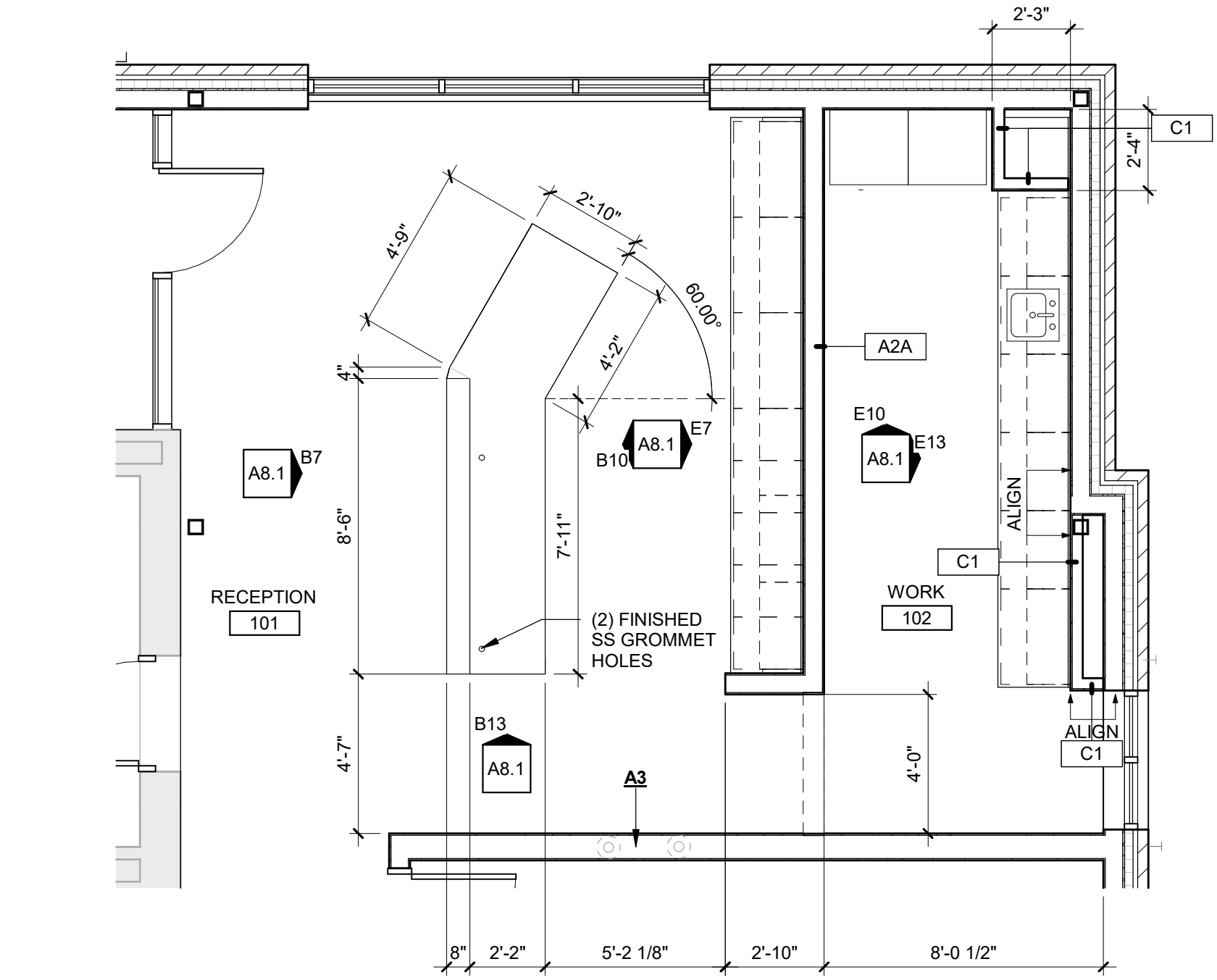
- A. GENERAL NOTES APPLY TO ALL ENLARGED PLANS IN A8 SERIES. UON.
- B. ALL EQUIPMENT/APPLIANCES/FURNITURE SHOWN HALFTONE AND DASH ARE NOT IN CONTRACT.
- C. SEE G SHEET SERIES FOR GENERAL BUILDING NOTES. SEE OVERALL FLOOR PLANS FOR ALL OTHER APPLICABLE NOTES.
- D. SEE GP SHEET SERIES FOR REQ'D CODE CLEARANCES.
- E. SEE A9 SHEET SERIES FOR ALL APPLICABLE SCHEDULES (TOILET ACCESSORY, APPLIANCE, FINISH, ETC).
- F. TYPICAL @ ALL TOILETS.
 - 1. SLOPE FLOOR - 1/2" TO FLOOR DRAIN (FD)
 - 2. "AP" DESIGNATES 24" x 24" ACCESS PANEL. BOTTOM AT 40" AFF

ROOM FINISH GENERAL NOTES:

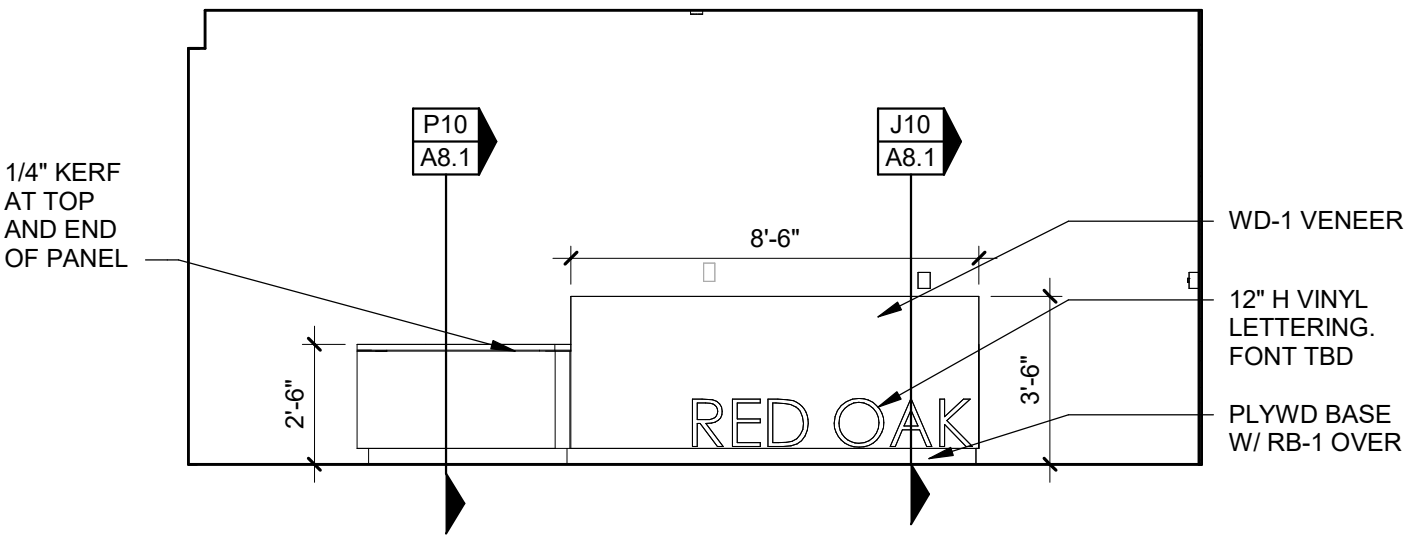
- A. ALL JOINTS ARE TO BE CAULKED AT DISSIMILAR MATERIALS INCLUDING, BUT NOT LIMITED TO, DOOR FRAMES TO WALLS, BACKSPLASH TO WALL, AND MULLION COVERS TO WALLS.
- B. PAINT ALL EXPOSED VERTICAL FACES ON GWB BULKHEADS/SOFFITS TO MATCH ADJACENT WALL, UON. PAINT ALL EXPOSED HORIZONTAL FACES ON GWB BULKHEADS/SOFFITS AS SCHED, UON.
- C. REFER TO INTERIOR ELEVATIONS AND FINISH SCHEDULES FOR SPECIAL CONDITIONS AND CLARIFICATIONS CONCERNING FINISH MATERIAL LOCATIONS. REPORT ANY DISCREPANCIES TO ARCHITECT.
- D. DIFFUSERS AND REGISTERS TO BE PAINTED TO MATCH ADJACENT WALL OR CEILING COLOR, UON.
- E. SEE RCP FOR CEILING FINISH TYPE, CEILING HEIGHTS AND MATERIAL LOCATIONS.
- F. IN EXPOSED STRUCTURE AREAS WHEN NOTED TO PAINT THE EXPOSED CEILING, PAINT ALL EXPOSED SYSTEMS INCLUDING, BUT NOT LIMITED TO, STRUCTURAL COMPONENTS, MECHANICAL COMPONENTS, AND ELECTRICAL COMPONENTS.
- G. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL WALL BASE AROUND MILLWORK, UON.
- H. FLOORING PATTERNS NOT SHOWN ON FINISH PLANS ARE TO BE CENTERED IN ROOM, UON.
- I. REFERENCE G SHEET SERIES FOR TYPICAL SIGNAGE REQUIREMENTS AND DOOR SCHEDULE FOR SIGN LOCATIONS
- J. CHANGES IN FLOOR SURFACE LEVELS GREATER THAN 1/4 INCH IN HEIGHT AND NOT MORE THAN 1/2 INCH MAX IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2 IN SHALL BE RAMPED. NOTIFY ARCHITECT OF THESE OCCURANCES AND VERIFY TRANSITION TYPE.

ROOM FINISH SCHEDULE REMARKS

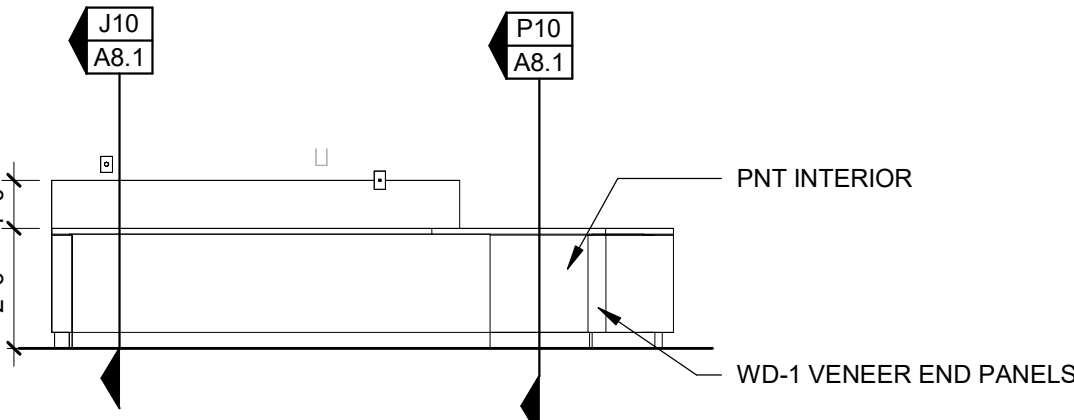
- A. PROVIDE NEW PANELS AT EXISTING GRID WHERE STAINED/ DAMAGED/ ETC.
- B. PAINT CEILING ONLY AS NEEDED TO MATCH EXISTING
- C. PATCH AND REPAIR EXISTING FLOORING AS NEEDED AT TERRAZZO
- D. PROVIDE WC-1 AT EXISTING BRICK PORTION OF EAST WALL AND ALONG SOUTH WALL. FINAL DESIGN TBD
- E. APW-1



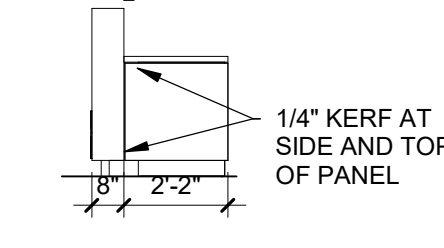
E1 ENLARGED PLAN - RECEPTION
A8.1 SCALE: 1/4" = 1'-0"



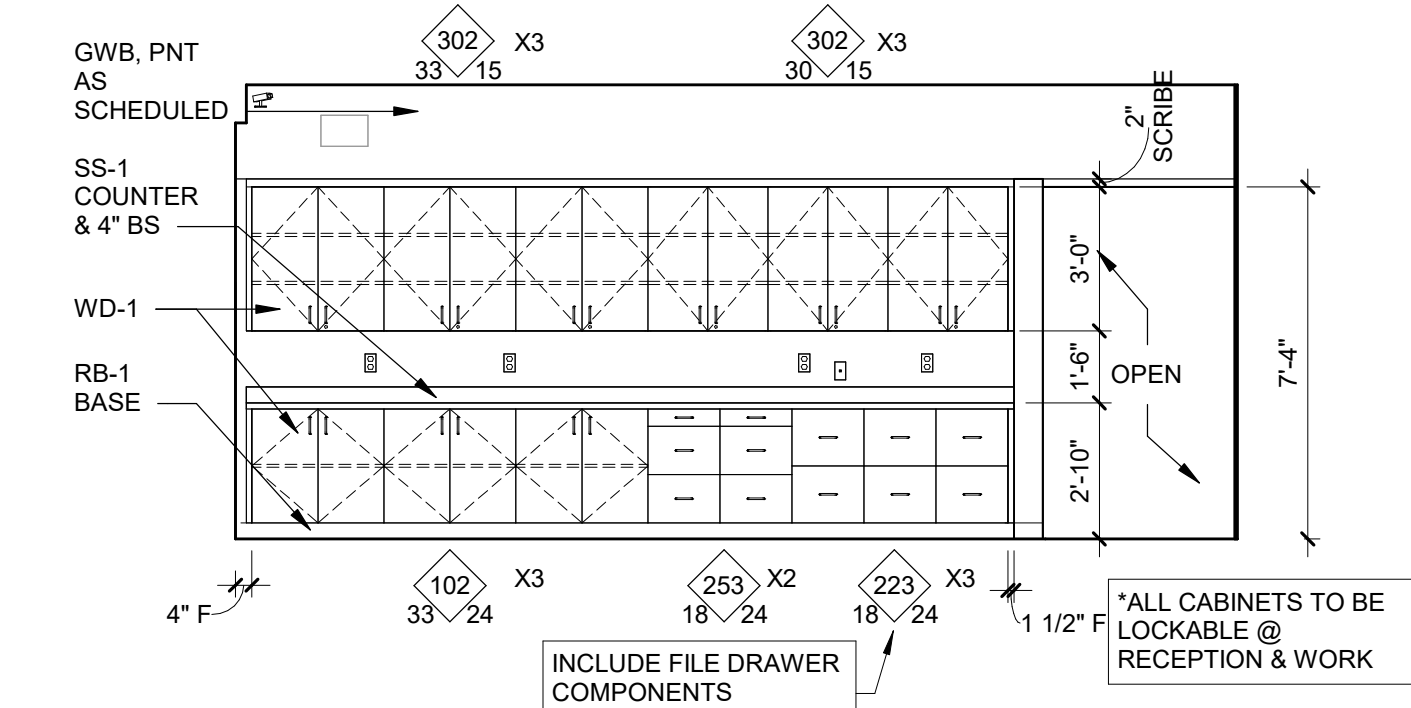
B7 INT ELEV - RECEPTION DESK FRONT
A8.1 SCALE: 1/4" = 1'-0"



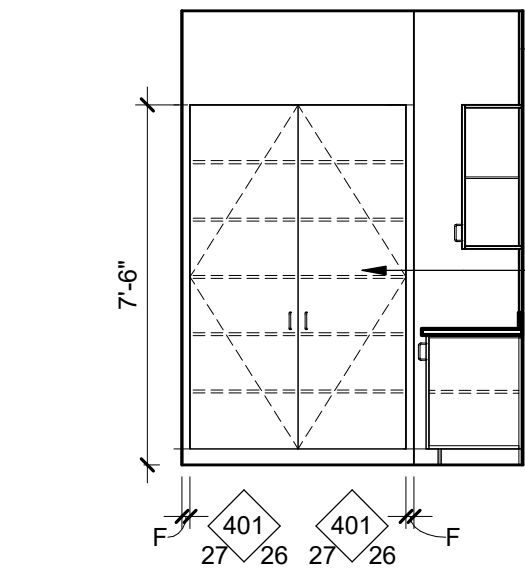
B10 INT ELEV - RECEPTION DESK INTERIOR
A8.1 SCALE: 1/4" = 1'-0"



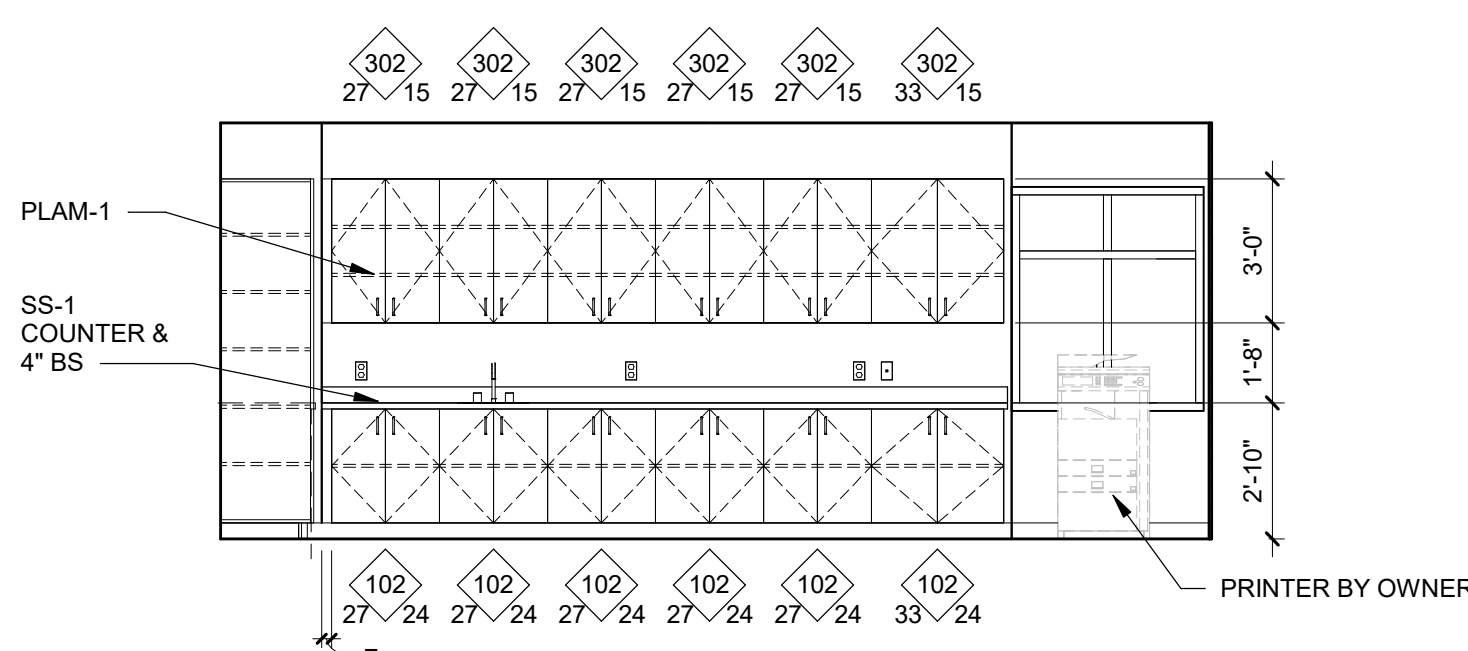
B13 INT ELEV - RECEPTION SOUTH END
A8.1 SCALE: 1/4" = 1'-0"



E7 INT ELEV - RECEPTION EAST
A8.1 SCALE: 1/4" = 1'-0"



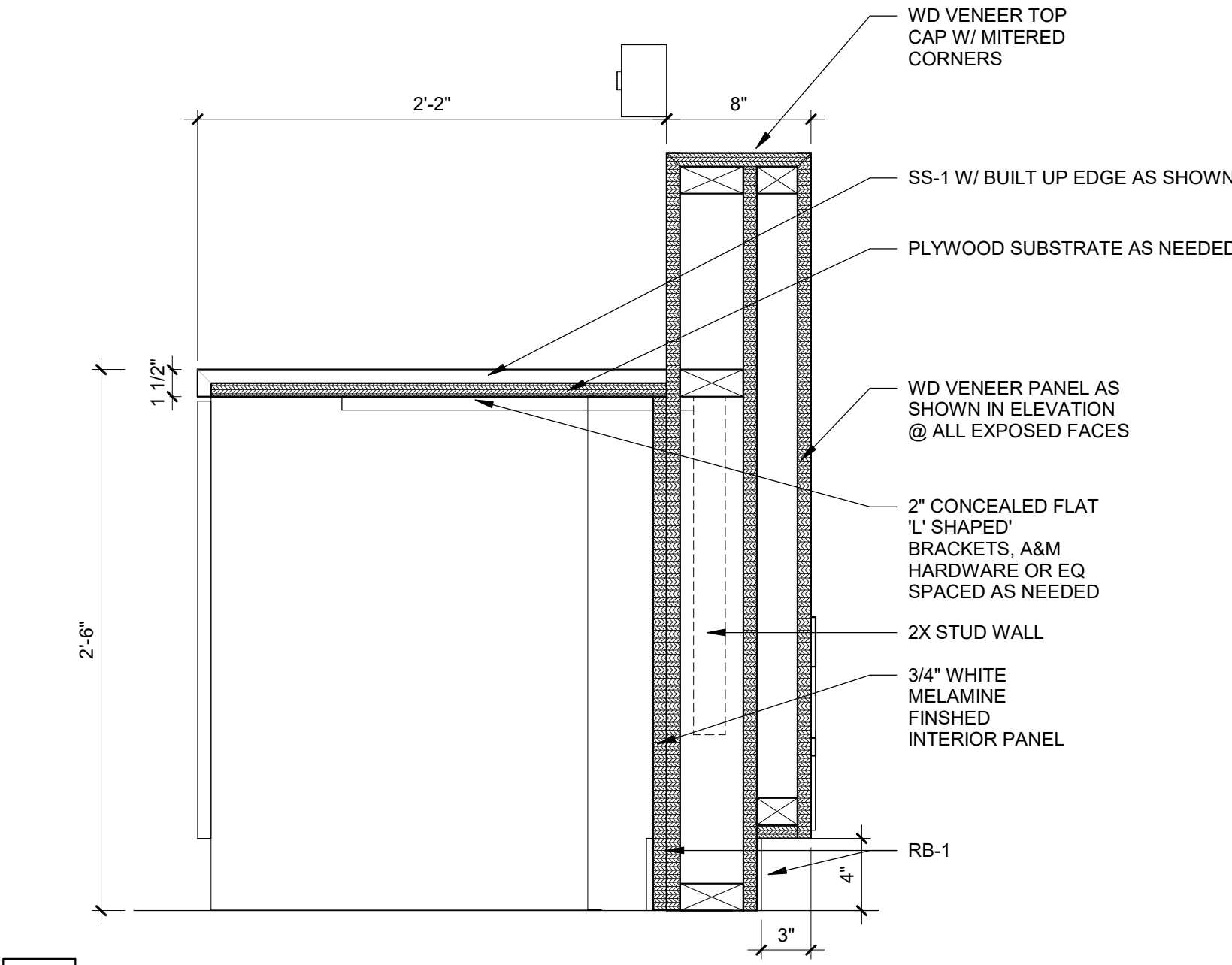
E10 INT ELEV - WORK NORTH
A8.1 SCALE: 1/4" = 1'-0"



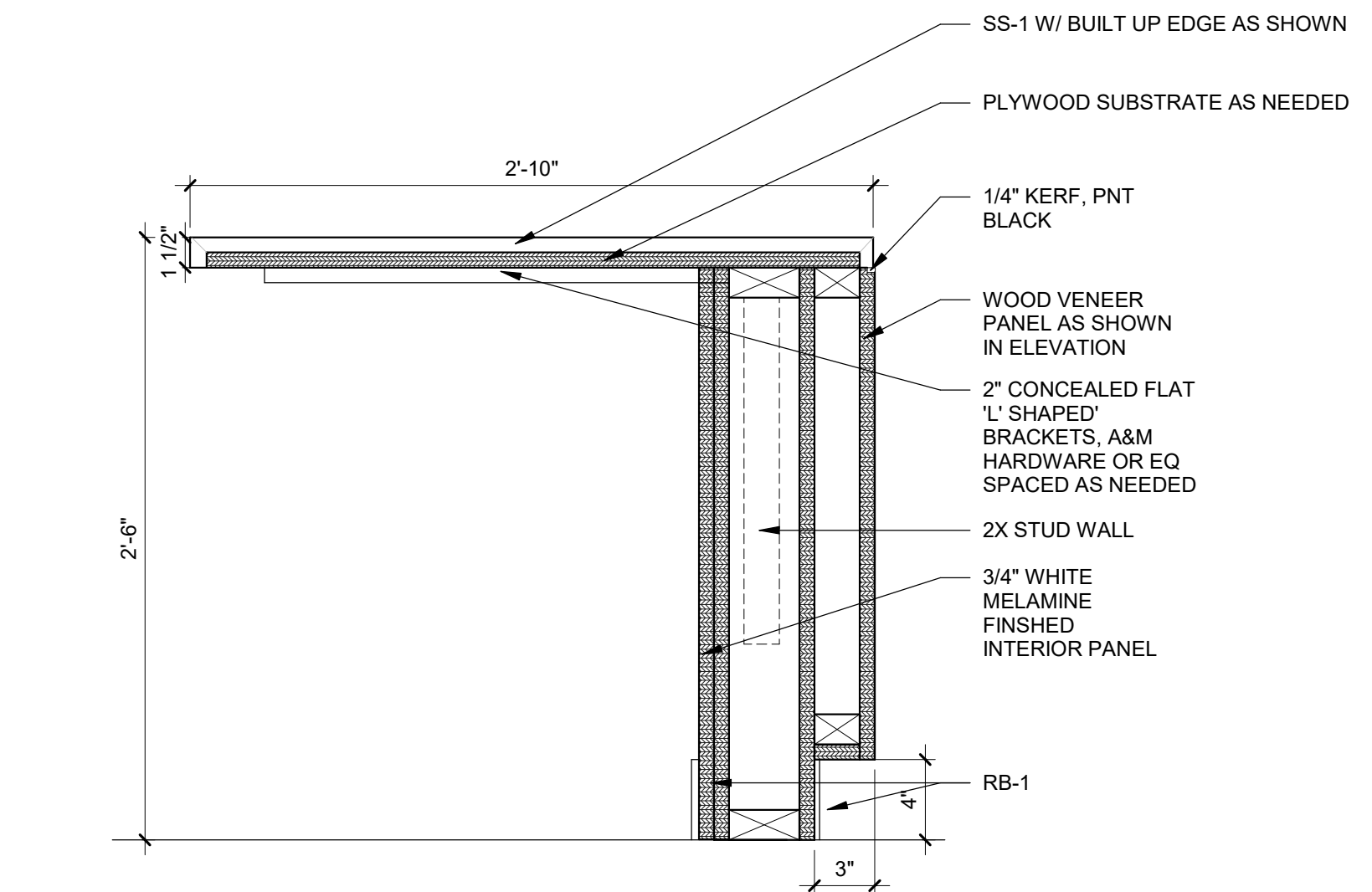
E13 INT ELEV - WORK EAST
A8.1 SCALE: 1/4" = 1'-0"

SCHEDULE - FINISH						
MARK	DESCRIPTION	MANUFACTURER	STYLE	COLOR / FINISH	SIZE	REMARKS
APC-1	ACOUSTIC PANEL CEILING	CERTAINTEED	PERFORMA SYMPHONY M 122BF-75-1	WHITE	24" X 24"	
APW-1	ACOUSTIC PANEL WALL	CARNEGIE	XOREL ACOUSTIC PANELS, CIRCLE	(ORANGE TBD FROM STANDARD OFFERING)	2" RPET CORE	FINAL DESIGN TBD. PROVIDE COST FOR (6) 3XL, (8) XL, (6) M
CONC-1	SEALED CONCRETE					
CPT-1	CARPET TILE - WALK OFF	INTERFACE	STEP REPEAT - SR699	TBD FROM STANDARD OFFERING	24" X 24"	MONOLITHIC INSTALL, RUN PATTERN NORTH TO SOUTH INSTALL
CPT-2	CARPET TILE	INTERFACE	WORLD WOVEN WW			
HDWR-1	HARDWARE - CABINETS		4" STANDARD WIRE PULL	BLACK		
PLAM-1	PLASTIC LAMINATE - CABINETS	WILSONART	--	NATURAL RECON 7996-38	FINE VELVET	
HPC-1	HIGH PERFORMANCE COATING	SHERWIN WILLIAMS	SEE SPEC	SW TRICORN BLACK		
PNT-1	WALL PAINT	SHERWIN WILLIAMS	N/A	SW7006 EXTRA WHITE	N/A	
PNT-2	CEILING PAINT	SHERWIN WILLIAMS	N/A	SW7006 EXTRA WHITE	N/A	
PNT-3	METAL PAINT	SHERWIN WILLIAMS	N/A	SW TRICORN BLACK	N/A	
PNT-4	ACCENT PAINT		N/A		N/A	
RB-1	RUBBER BASE (BASIS OF DESIGN)	BURKE	4" COVE BASE	BLACK	4"	
RF-1	RESILIENT FLOORING	PATCRAFT	NUMIX	PEARL FLECK 00520	36" X 36" TILE	
RS-1	ROLLERSHADE - MANUAL	WT SHADE	H200 SLIM MANUAL	BLACK FASCIA, CHARCOAL/ CHARCOAL SHADE, 1% OPACITY	4" FASCIA	PROVIDE AT ALL EXTERIOR WINDOWS WITHIN NEW SCOPE EXCEPT AT VESTIBULE
SS-1	SOLID SURFACE - QUARTZ	SILESTONE	--	ETHEREAL NOCTIS, POLISHED	2CM W/ BUILT UP EDGE	3CM ALSO ACCEPTABLE, COORD SUBSTRATE ACCORDINGLY
SS-2	SOLID SURFACE - WINDOW SILLS	CORIAN		(WHITE TBD FROM STANDARD OFFERING)		
TER-1	TERRAZZO FLOORING	--	TO MATCH EXISTING PATTERN	2 COLOR (WHITE, RED FLECKED) TO MATCH EXISTING		
TRANS-1	CPT-1 TO EXISTING TERRAZZO	TARKETT JOHNSONITE	WHEELED TRANSITION			
VF-1	VINYL FILM LETTERING			WHITE	12" H	
WC-1	WALLCOVERING - CUSTOM GRAPHIC		DIE CUT VINYL FILM			FINAL DESIGN TBD
WD-1	WOOD	--	PLAIN SLICED RED OAK	CLEAR COAT (MATCH EXISTING DOORS)		
WD-2	WOOD - PAINTED	--	OPAQUE PAINT GRADE WOOD			

SCHEDULE - ROOM FINISH									
ROOM #	ROOM NAME	FLOOR FINISH	BASE	WALL FINISH				CEILING FINISH	REMARKS
100	SECURE ENTRY	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	PNT-2	
101	RECEPTION	CPT-2	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	EXPOSED PNT-2	
102	WORK	CPT-2	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	EXPOSED PNT-2	
103	CONFERENCE	CPT-2	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	APC-1	
104	PRINCIPAL	CPT-2	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	APC-1	
105	ASST PRINCIPAL	CPT-2	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	APC-1	
106	STORAGE	CONC-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	EXPOSED PNT-2	
107	NURSE	EXIST	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	APC-1	
107.1	RR	EXIST	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	APC-1	
107.2	STORAGE	EXIST	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	APC-1	
108	HALL	CPT-2	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	APC-1	
109.1	NORTH COMMONS	RF-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	APC-2	
109.2	CAFETERIA	EXIST	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	EXIST/ APC-2	REMARK A, REMARK C, REMARK D
110	HALL	EXIST/ CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	EXIST PNT-2	REMARK B



J10 DETAIL - RECEPTION DESK TALLER
A8.1 SCALE: 1 1/2" = 1'-0"



P10 DETAIL - RECEPTION DESK SHORTER
A8.1 SCALE: 1 1/2" = 1'-0"

ALLEY POYNER
MACCHIETTO
ARCHITECTURE

REVISION DATE
Project Number: 24077
Date: 09.03.2025

ENLARGED PLANS,
ELEVATIONS & INT FINISHES

A8.1

2010 AISC 360 TABLE N5.4-1 Inspection Tasks Prior to Welding			
Inspection Tasks Prior to Welding		QC	QA
Welding procedure specifications (WPSs) available		P	P
Manufacturer certifications for welding consumables available		P	P
Material identification (type/grade)		O	O
Welder identifications system (1)		O	O
Fit-up of groove welds (including joint geometry)			
- Joint preparation			
- Dimensions (alignment, root opening, root face, bevel)		O	O
- Cleanliness (condition of steel surfaces)			
- Backing type and fit (if applicable)			
Configuration and finish of access holes		O	O
Fit-up of fillet welds			
- Dimensions (alignment, gaps at root)		O	O
- Cleanliness (condition of steel surfaces)			
- Tacking (tack weld quality and location)			
Check welding equipment		O	---

(1) The fabricator or erector, as applicable, shall maintain a system by which a welder who has welded a joint or member can be identified. Stamps, if used, shall be the low-stress type.

AISC 360 TABLE N5.4-2 Inspections During Welding			
Inspections During Welding		QC	QA
Use of qualified welders		O	O
Control and handling of welding consumables		O	O
- Packaging			
- Exposure control			
No welding over cracked tack welds		O	O
Environmental conditions			
- Wind speed within limits		O	O
- Precipitation and temperature			
WPS followed			
- Settings on welding equipment			
- Travel speed			
- Selected welding materials			
- Shielding gas type/flow rate		O	O
- Preheat applied			
- Interpass temperature maintained (min./max.)			
- Proper position (F, V, H, OH)			
Welding techniques			
- Interpass and final cleaning			
- Each pass within profile limitations		O	O
- Each pass meets quality requirements			

AISC 360 TABLE N5.4-3 Inspection Tasks After Welding			
Inspection Tasks After Welding		QC	QA
Welds cleaned		O	O
Size, length and location of welds		P	P
Welds meet visual acceptance criteria			
- Crack prohibition			
- Weld/base-metal fusion		P	P
- Crater cross section			
- Weld profiles			
- Weld size			
- Undercut			
- Porosity			
Arc strikes		P	P
k-area (1)		P	P
Backing removed and weld tabs removed (if required)		P	P
Repair activities		P	P
Document acceptance or rejection of welded joint or member		P	P

(1) When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 in. (75 mm) of the weld.

AISC 360 TABLE N5.6-1 Inspection Tasks Prior to Bolting			
Inspection Tasks Prior to Bolting		QC	QA
Manufacturer's certifications available for fastener materials.		O	P
Fasteners marked in accordance with ASTM requirements.		O	O
Proper fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from shear plane)		O	O
Proper bolting procedure selected for joint detail.		O	O
Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements.		O	O
Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used.		P	O
Proper storage provided for bolts, nuts, washers and other fastener components.		O	O

AISC 360 TABLE N5.6-2 Inspection Tasks During Bolting			
Inspection Tasks During Bolting		QC	QA
Fastener assemblies, of suitable condition, placed in all holes and washers (if required) are positioned as required		O	O
Joint brought to the snug-tight condition prior to the pretensioning operation		O	O
Fastener component not turned by the wrench prevented from rotating		O	O
Fasteners are pretensioned in accordance with the RCSC Specification progressing systematically from the most rigid point toward the free edges		O	O

AISC 360 TABLE N5.6-3 Inspection Tasks After Bolting			
Inspection Tasks After Bolting		QC	QA
Document acceptance or rejection of bolted connections		P	P

AISC 360 TABLE N6.1 INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT			
Inspection of Steel Elements of Composite Construction Prior to Concrete Placement		QC	QA
Placement and installation of steel deck.		P	P
Placement and installation of steel headed stud anchors.		P	P
Document acceptance or rejection of steel elements.		P	P

AISC SPECIAL INSPECTION NOTES:
O - Observe these items on a random basis. Operations need not be delayed pending these inspections.
P - Perform these tasks for each steel element.
QC - Quality Control performed by the Steel Fabricator and Erector.
QA - Quality Assurance performed by the Special Inspector.

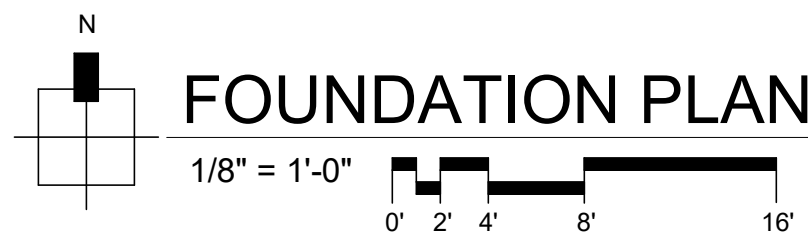
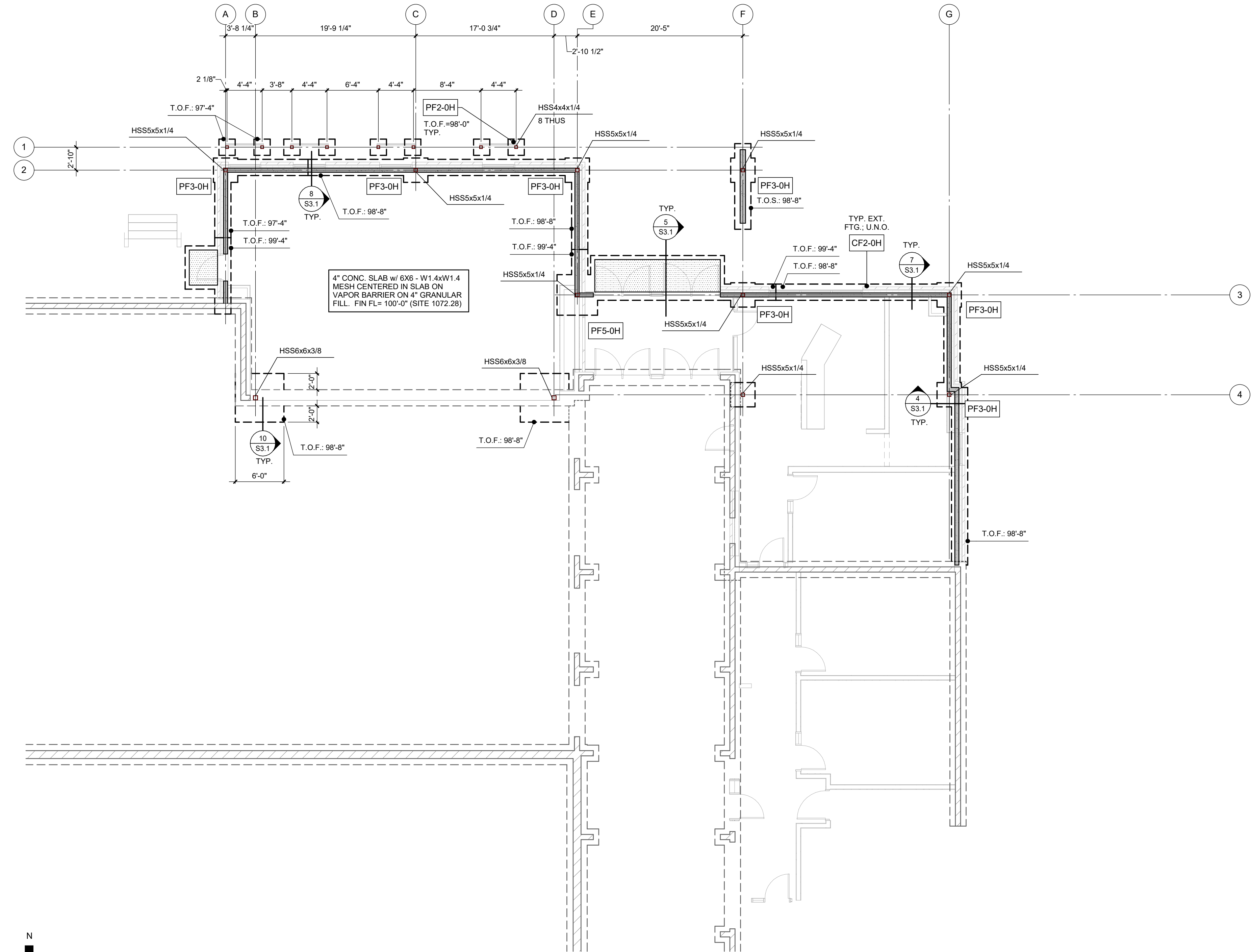
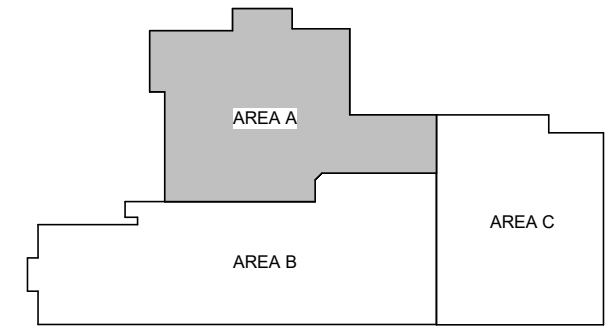
2015 IBC TABLE 1705.2.3 REQUIRED SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND JOISTS GIRDERS			
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD (a)
1. Installation of open-web steel joists and joist girders:			
a. End connections - welding or bolted.	--	X	SJI specifications listed in Section 2207.1.
b. Bridging - horizontal or diagonal.	--		
1. Standard bridging	--	X	SJI specifications listed in Section 2207.1.
2. Bridging that differs from the SJI specifications listed in Section 2207.1.		X	

For SJI: 1 inch = 25.4 mm.
(a) Where applicable, see also Section 1705.12, Special inspections for seismic resistance.

2015 IBC TABLE 1705.3 REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION					
	TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE
1.	Inspect reinforcement, including prestressing tendons, and verify placement.	--	X	ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2.	Reinforcing bar welding: a. Verify weldability of reinforcing bars other than ASTM A706; b. Inspect single-pass fillet welds, maximum 5/16", and c. Inspect all other welds.	X	X	AWS D1.4 ACI 318: 26.6.4	--
3.	Inspect anchors cast in concrete.	--	X	ACI 318: 17.8.2	--
4.	Inspect anchors post-installed in hardened concrete members. (b) a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. b. Mechanical anchors and adhesive anchors not defined in 4.a.	X	X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	--
5.	Verify use of required design mix.	--	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6.	Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	X	--	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1908.10
7.	Inspect concrete and shotcrete placement for proper application techniques.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8.	Verify maintenance of specified curing temperature and techniques.	--	X	ACI 318: 26.5.3-26.5.5	1908.9
9.	Inspect prestressed concrete for: a. Application of prestressing forces; and b. Grouting of bonded prestressing tendons.	X X	--	ACI 318: 26.10	--
10.	Inspect erection of precast concrete members.	--	X	ACI 318: Ch. 26.8	--
11.	Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.	--	X	ACI 318: 26.11.2	--
12.	Inspect formwork for shape, location and dimensions of the concrete member being formed.	--	X	ACI 318: 26.11.1.2(b)	--

For SJI: 1 inch = 25.4 mm.
(a) Where applicable, see also Section 1705.12, Special inspections for seismic resistance.
(b) Specific requirements for special inspection shall be included in the research report for the anchor issued by an approved source in accordance with 17.8.2 in ACI 318, or other qualification procedures. Where specific requirements are not provided, special inspection requirements shall be specified by the registered design professional and shall be approved by the building official prior to the commencement of the work.

2015 IBC TABLE 1705.6 REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS			
	TYPE	CONTINUOUS	PERIODIC
1.	Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	-	X
2.	Verify excavations are extended to proper depth and have reached proper material.	-	X
3.	Perform classification and testing of compacted fill materials.	-	X
4.	Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	X	-
5.	Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.	-	X

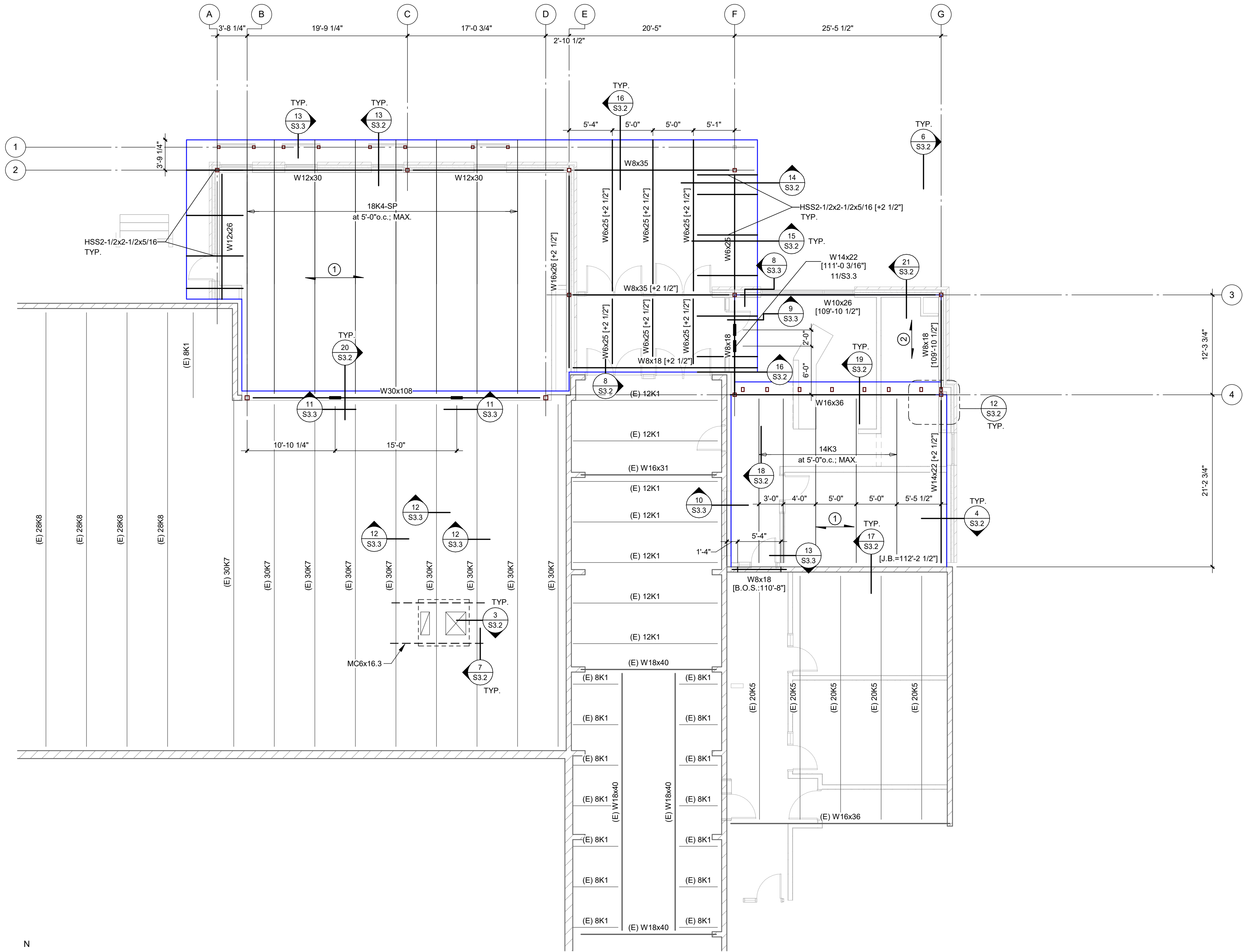
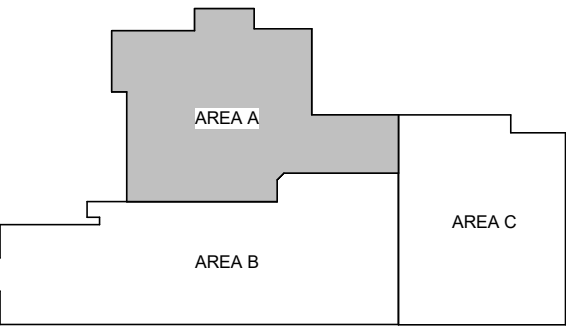


- FOUNDATION PLAN NOTES:**
- SEE STRUCTURAL NOTES ON SHEET **S0.0 & S0.1**.
 - COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND EXIST. CONDITIONS.
 - TOP OF FOOTING ELEVATION = **99'-4"** UNLESS NOTED OTHERWISE THUS: **T.O.F. = xx'-x"**
 - F** : FOOTING MARK, SEE SCHEDULE ON THIS SHEET.
 - (W)** : WALL MARK, SEE SCHEDULE ON THIS SHEET.
 - COL. SIZE** : COL. MARK WITH CORRESPONDING BASEPLATE DETAIL.
xx/Sx.xx

FOOTING SCHEDULE				
MARK	SIZE			REINFORCING
	W	L	D	
CF2-0H	2'-0"	CONT.	3'-2"	(2) #6x CONT T&B w/ #4 CLOSED STIRRUPS AT 48"o.c.
PF2-0H	2'-0"	2'-0"	3'-2"	(3) #3 EA WAY T&B
PF3-0H	3'-0"	3'-0"	3'-2"	(3) #4 EA WAY T&B
PF5-0H	5'-0"	5'-0"	3'-2"	(5) #4 EA WAY T&B
PF6-0J	6'-0"	6'-0"	3'-4"	(6) #5 EA WAY T&B

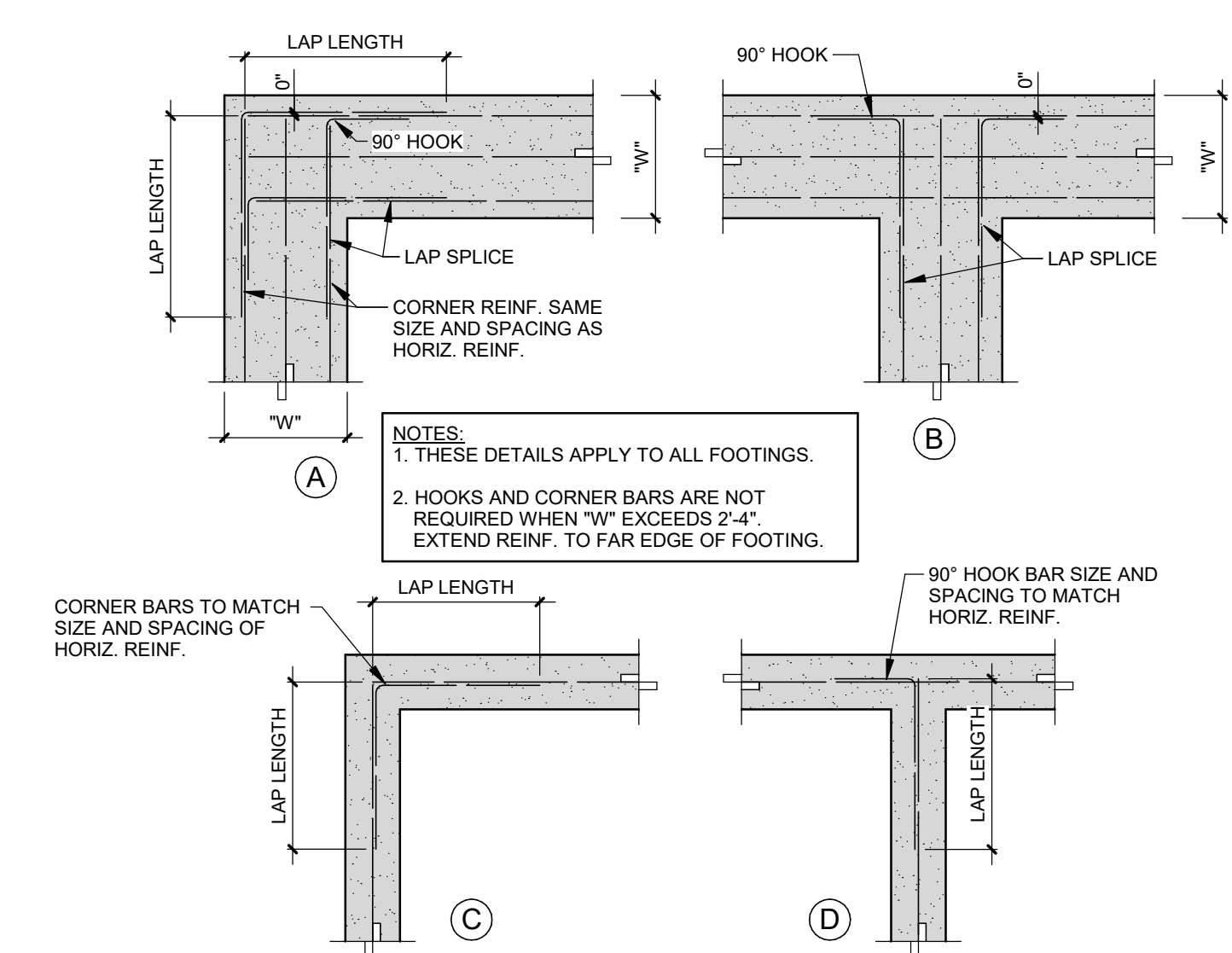
REVISION	DATE
Project Number:	24077
Date:	September 3, 2025
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FOUNDATION PLAN

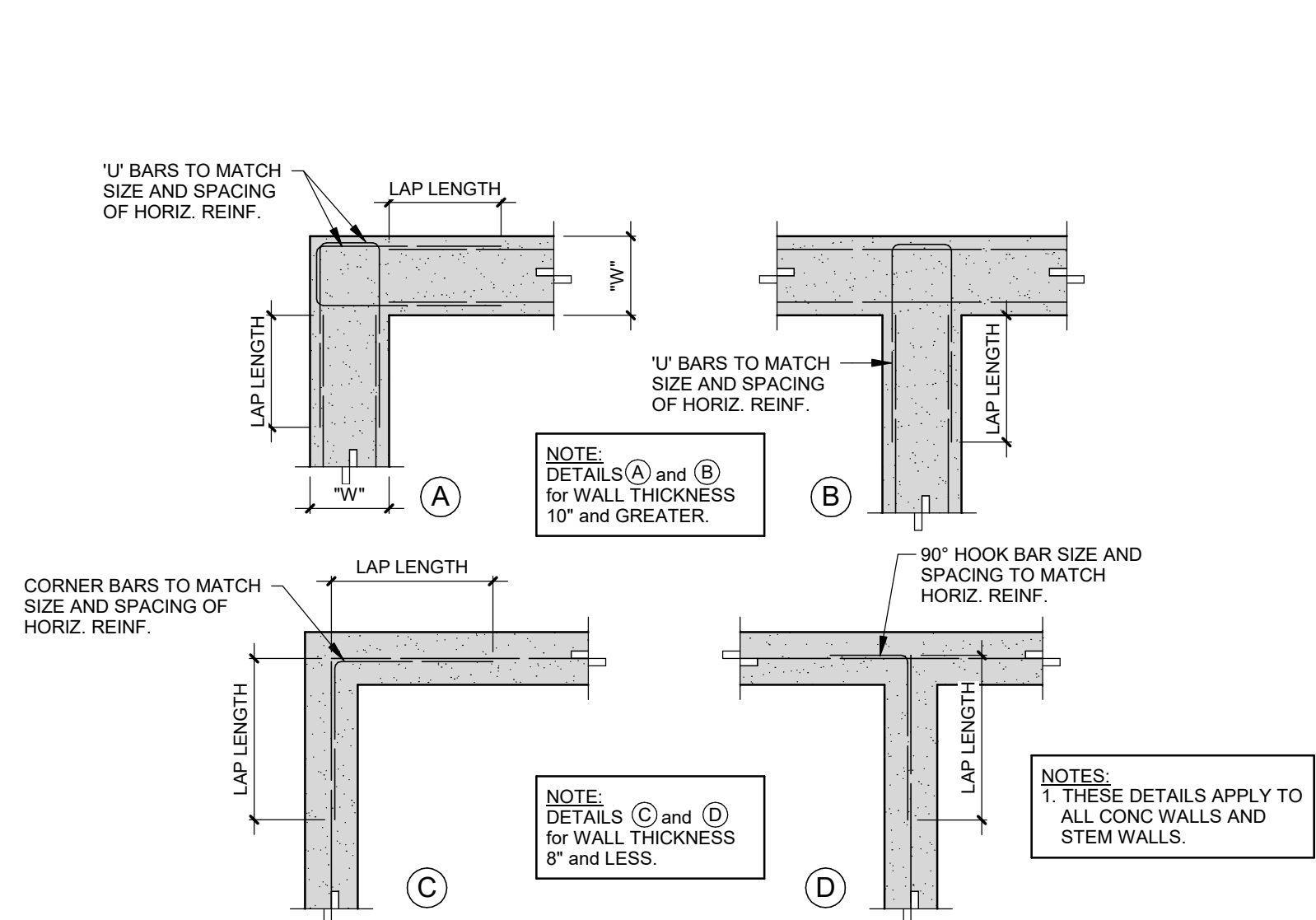


ROOF FRAMING PLAN
1/8" = 1'-0"
0' 2' 4' 8' 16'

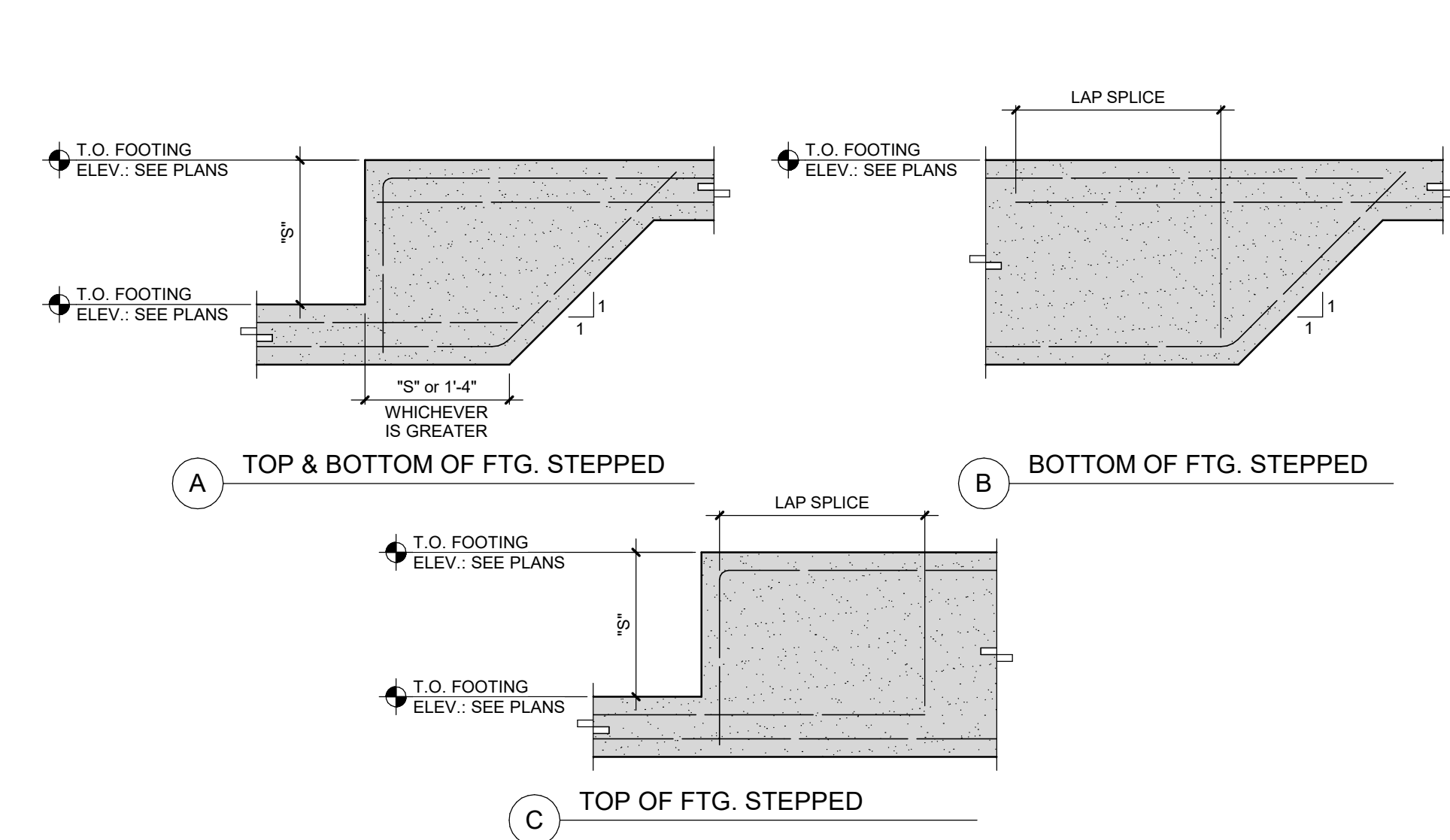
- ROOF FRAMING PLAN NOTES:**
- SEE STRUCTURAL NOTES ON SHEET **S0.0 & S0.1**.
 - COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND EXIST. CONDITIONS.
 - TOP OF STEEL ELEVATION = **112'-2 1/2"** UNLESS NOTED OTHERWISE AS SPECIFIC ELEVATIONS ON INDIVIDUAL MEMBERS. MEMBERS INDICATED AS "XXXXX (+/-) x-xx'" DESIGNATES DIFFERENTIAL TOP OF STEEL ELEVATION, OR MEMBERS ARE NOTED THUS: "(+/-) x-xx' +/- x-xx'".
 -  : INDICATES SPAN DIRECTION OF METAL DECK NOTED BELOW:
 : 1 1/2"-20ga. TYPE 'B' (WIDE RIB) ROOF DECK. FASTEN TO SUPPORTS w/ 5/8"Ø PUDDLE WELDS 36/4 w/ (2) #10 SIDELAP SCREWS per SPAN.
 : 3"-16ga. TYPE 'N' (DEEP RIB) ROOF DECK. FASTEN TO SUPPORTS w/ 3/4"Ø PUDDLE WELDS 32/5 w/ (4) #10 SIDELAP SCREWS per SPAN.
 - CONNECT BEAMS TO COLUMNS PER **2D/S3.2**, UNLESS NOTED OTHERWISE.
 - CONNECT BEAM TO BEAMS PER **1B/S3.2** UNLESS NOTED OTHERWISE. WHERE EQUAL DEPTH BEAMS FRAME ACROSS FROM EACH OTHER, CONNECT PER **1E/S3.2** WHERE BEAMS FRAME INTO EACH OTHER AT A SKEW, CONNECT PER **1D/S3.2**. CONNECTION **1C/S3.2** IS ONLY PERMITTED WHERE SPECIFICALLY NOTED.



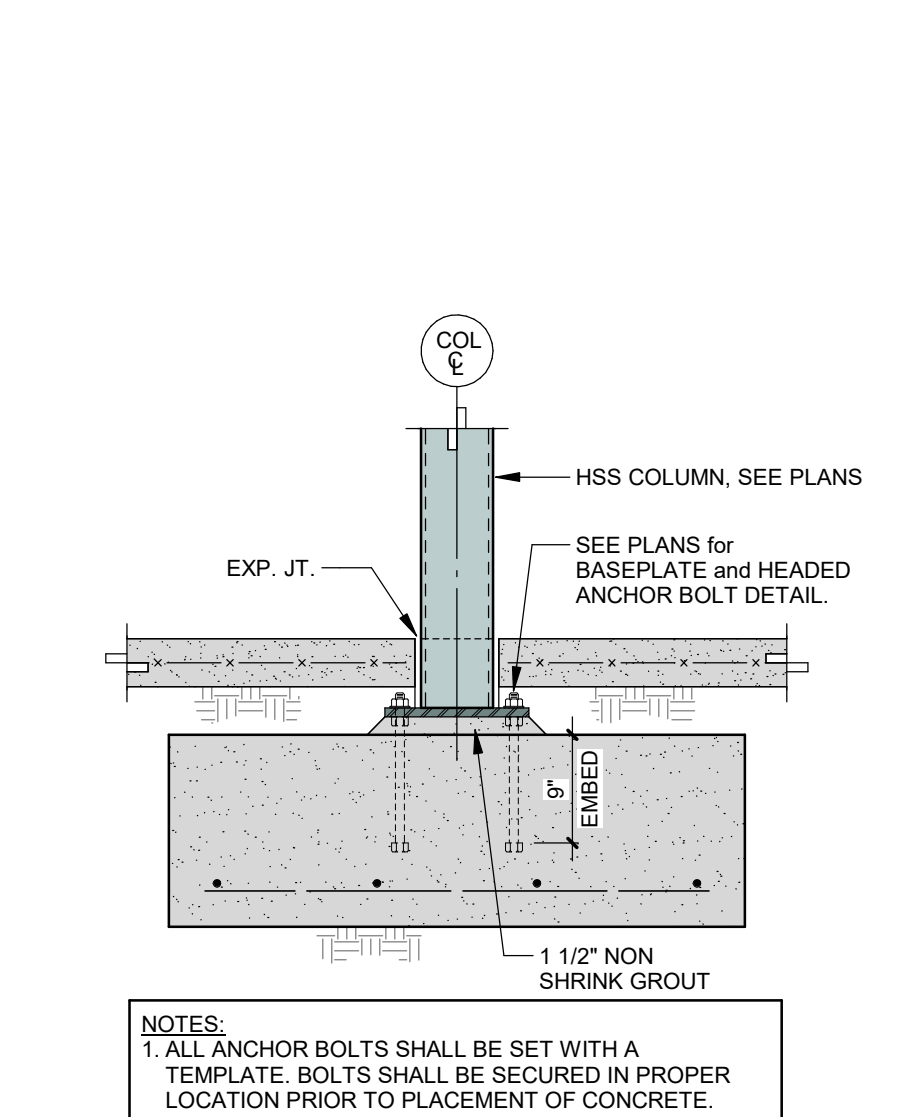
1 FTG. CORNER REINF. DETAILS
1/2" = 1'-0"



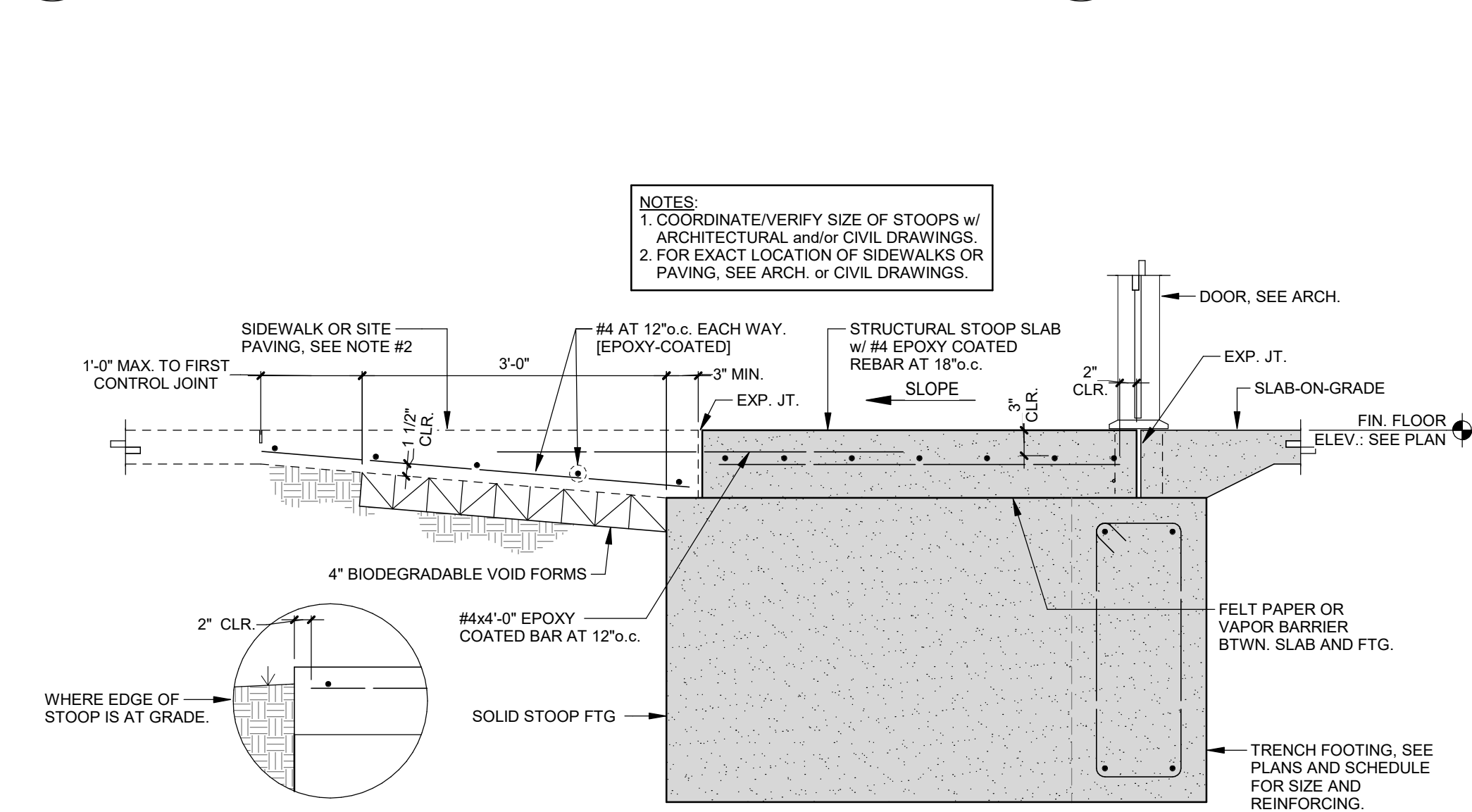
2 WALL CORNER REINF. DETAILS
1/2" = 1'-0"



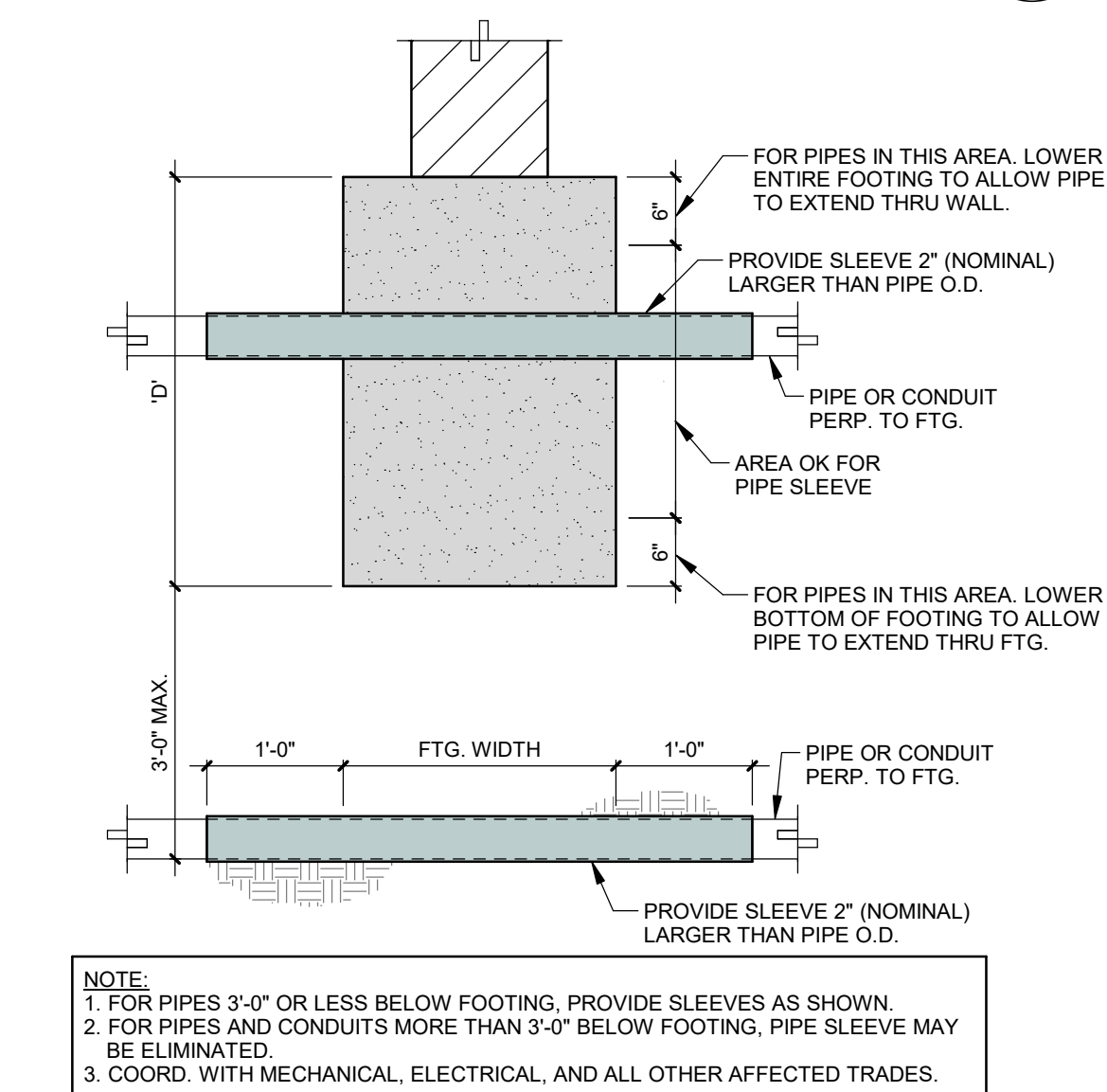
3 FOOTING STEP DETAILS
1/2" = 1'-0"



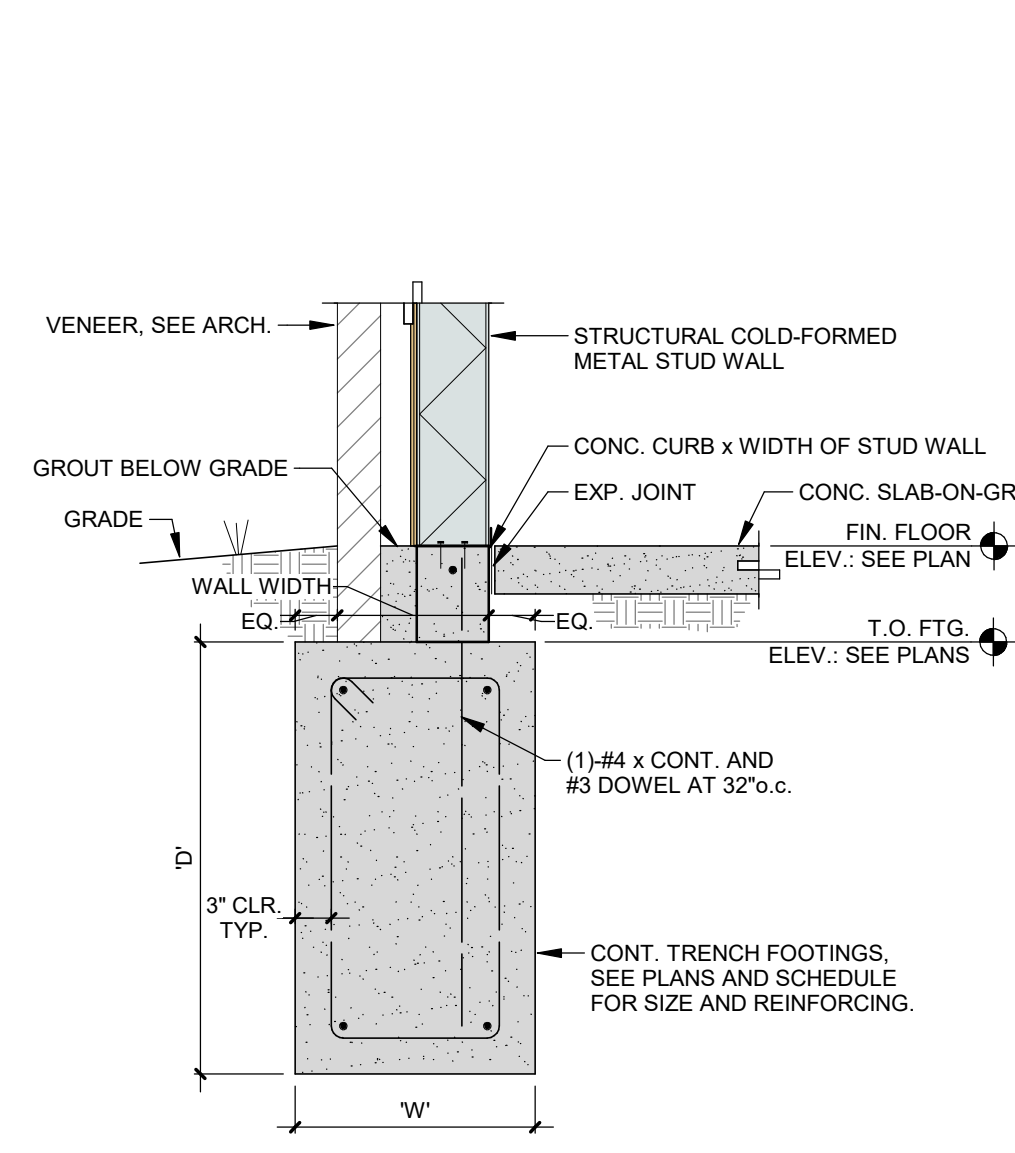
4 HSS COL. AT PAD FTG.
3/4" = 1'-0"



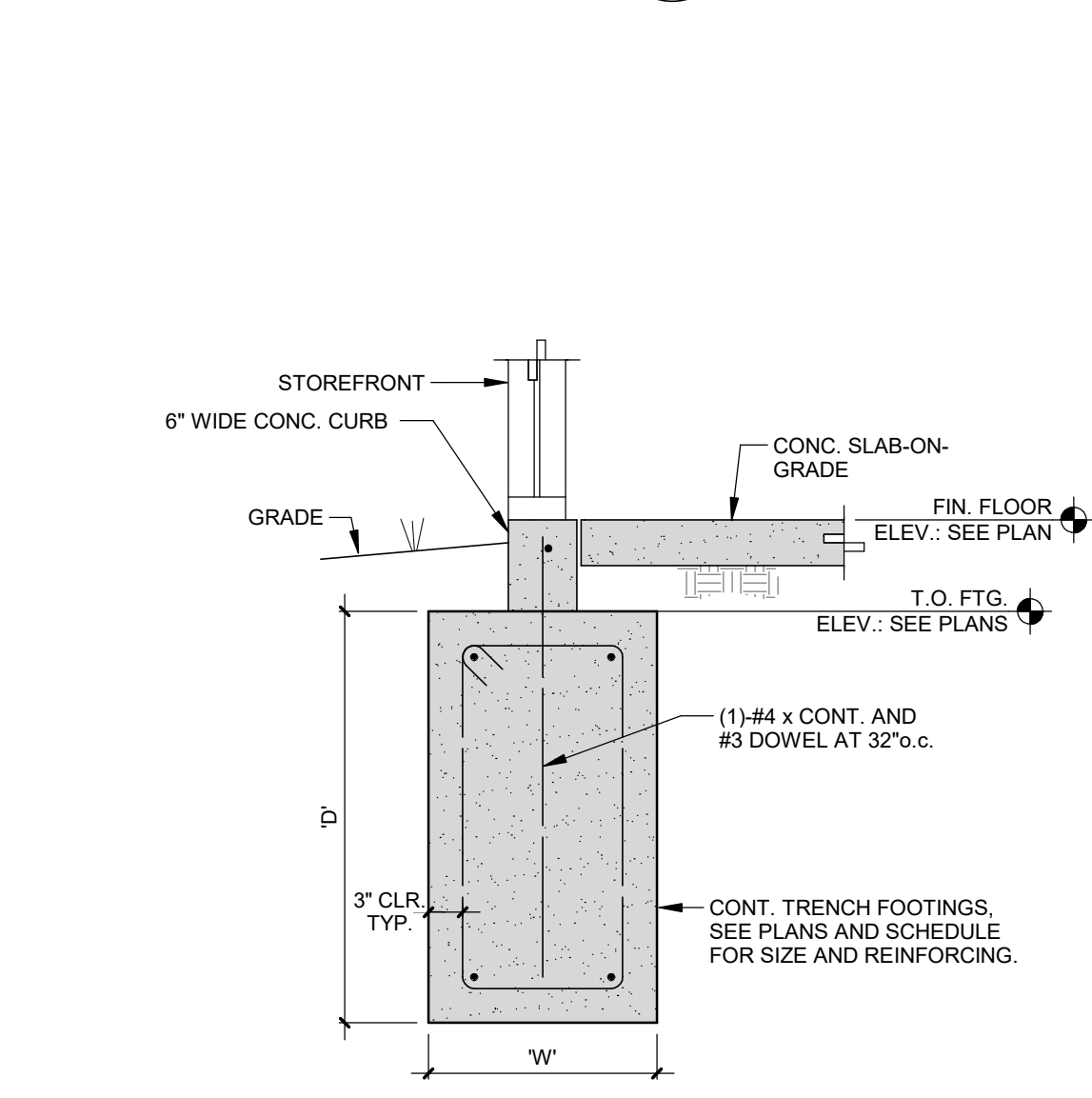
5 STRUCTURAL STOOP
3/4" = 1'-0"



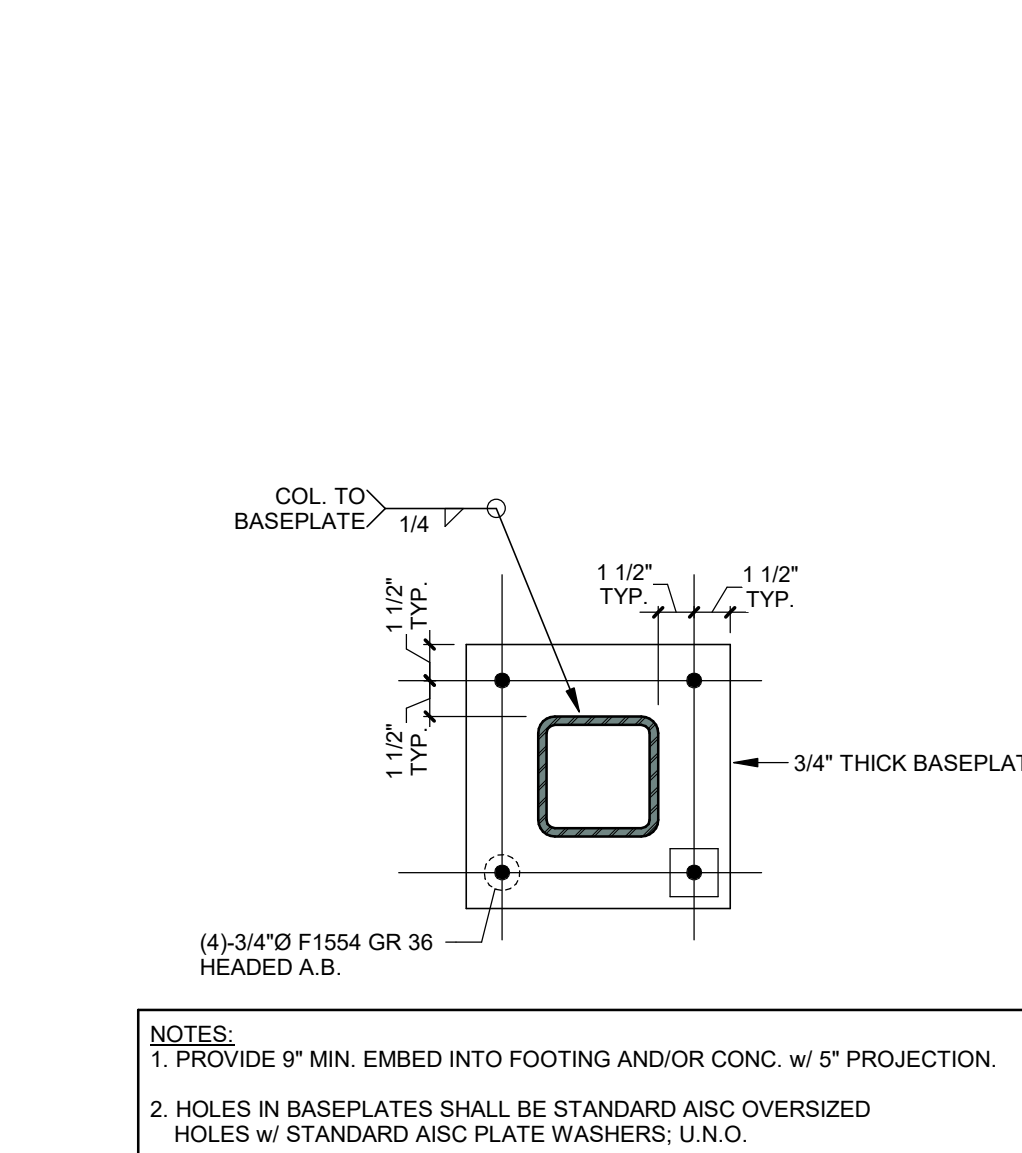
6 TYP. INSTALLATION OF PIPES
3/4" = 1'-0"



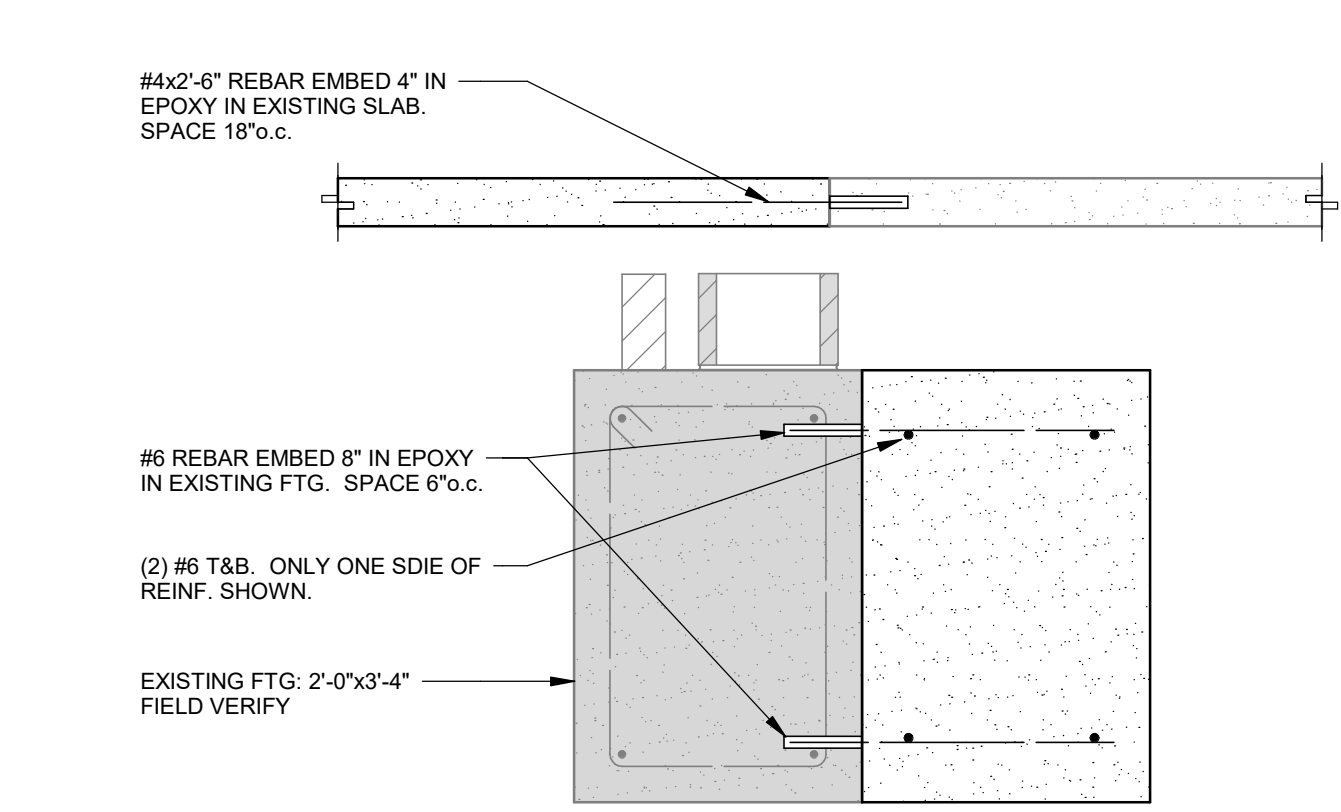
7 TYP. EXT. WALL FTG.
3/4" = 1'-0"



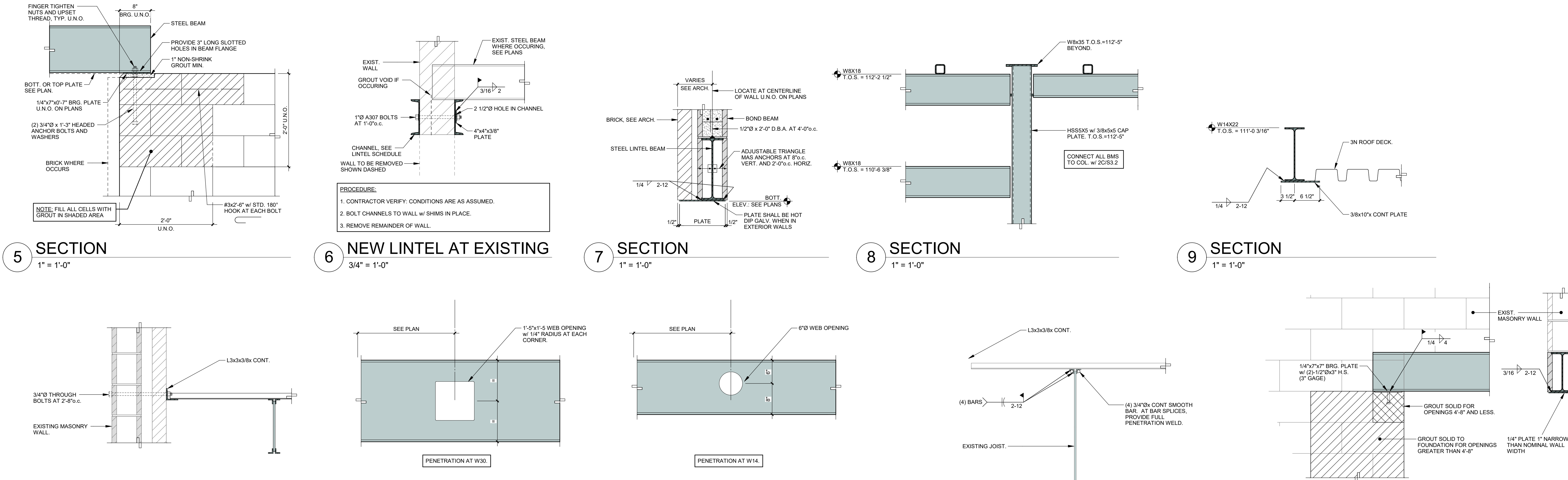
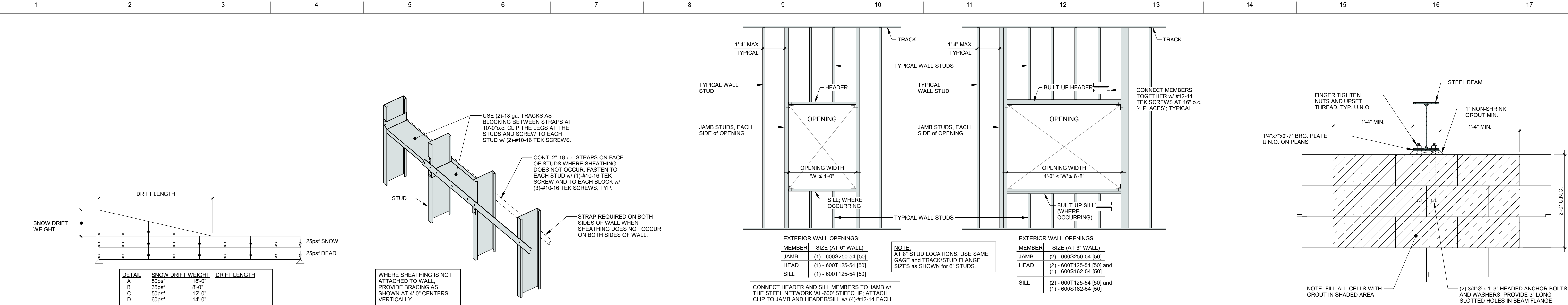
8 SECTION
3/4" = 1'-0"



9 BASEPLATE DETAIL
1 1/2" = 1'-0"



10 SECTION
3/4" = 1'-0"



MECHANICAL ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHU-XX	AIR HANDLING UNIT, XX-UNIT NUMBER
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
B-XX	BOLTER, XX-UNIT NUMBER
BLDG	BUILDING
BLDG-XX	BLOWER COIL, XX-UNIT NUMBER
BOB	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
DW-XX	DOMESTIC WATER HEATER, XX-UNIT NUMBER
CFM	CUBIC FEET PER MINUTE
CSA-LS	CANADIAN STANDARDS ASSOCIATION (FORMERLY AGA)
CU-XX	CONDENSING UNIT, XX-UNIT NUMBER
CUH-XX	CABINET UNIT HEATER, XX-UNIT NUMBER
DCW	DOMESTIC COLD WATER
DEG	DEGREE
DEMO	DEMOLITION
DHW	DOMESTIC HOT WATER
DHWC	DOMESTIC HOT WATER CIRCULATOR
DN	DOWN
DWG	DRAWING
DW-XX	DOMESTIC WATER HEATER, XX-UNIT NUMBER
EF-XX	EXHAUST FAN, XX-UNIT NUMBER
ERV-XX	ENERGY RECOVERY VENTILATOR, XX-UNIT NUMBER
ET-XX	EXPANSION TANK, XX-UNIT NUMBER
EXIST	EXISTING
F-XX	FURNACE, XX-UNIT NUMBER
FCU-XX	FAN COIL UNIT, XX-UNIT NUMBER
FD	FIRE DAMPER
FM	FEET PER MINUTE
FSD	FIRE & SMOKE DAMPER
FT	FEET PER FOOT
FT-XX	FR TUBE, XX-UNIT NUMBER
G	NATURAL GAS
GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HEAT PUMP
HP-XX	HEAT PUMP, XX-UNIT NUMBER
HPR	HEAT PUMP RETURN
HPS	HEAT PUMP SUPPLY
HU-XX	HORIZONTAL UNIT HEATER, XX-UNIT NUMBER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
ID	INSIDE DIAMETER
INCH	INCH
KV	KILOVOLT
KW	KILOWATT
LB	POUND
LTG	LIGHTING
MAX	MAXIMUM
MAU-XX	MAKEUP AIR UNIT, XX-UNIT NUMBER
MFR	MANUFACTURER
MIN	MINIMUM
MTR	MOTOR
MU	MAKEUP WATER
MECH	MECHANICAL
NC	NORMALLY CLOSED
NO	NORMALLY OPEN OR NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OBD	OPPOSED BLADE DAMPER
OD	OUTSIDE DIAMETER
P-XX	PUMP, XX-UNIT NUMBER
PSI	POUNDS PER SQUARE INCH
PTAC-XX	PACKAGED TERMINAL AIR CONDITIONER, XX-UNIT NUMBER
PTHP-XX	PACKAGED TERMINAL HEAT PUMP, XX-UNIT NUMBER
PWR	POWER
QTY	QUANTITY
RA	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
RTH	RETURN
RTU-XX	ROOF TOP UNIT, XX-UNIT NUMBER
SA	SUPPLY AIR
SD	SMOKE DAMPER
SEC	SECOND (SECONDARY)
SHT	SHEET
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STM	STEAM
SWND	SWITCHBOARD
TEMP	TEMPERATURE
TSTAT	THERMOSTAT
TYP	TYPICAL
UG	UNDERGROUND
UTL	UTILITY
V	VENT
VAV-XX	VARIABLE AIR VOLUME TERMINAL, XX-UNIT NUMBER
VFD-XX	VARIABLE FREQUENCY DRIVE, XX-UNIT NUMBER
VOL	VOLUME
VTR	VENT THROUGH ROOF
W	WITH
WG	WITHOUT
WG	WATER GAUGE
WT	WEIGHT
XA	EXHAUST AIR
XFMR	TRANSFORMER
Ø	DIAMETER

MECHANICAL SYMBOLS

NOTE REFERENCE	NOTED
HOT AND CHILLED WATER RISER IDENTIFICATION (RISER"X")	NOTED
SOIL AND WASTE RISER IDENTIFICATION (RISER"X")	NOTED
DOMESTIC WATER RISER IDENTIFICATION (RISER"X")	NOTED
THERMOSTAT AND ZONE NUMBER (RIF-ZONE 1)	NOTED
TEMPERATURE SENSOR	NOTED
HUMIDITY SENSOR	NOTED
CONNECTION - NEW TO EXISTING	NOTED
SECTION IDENTIFICATION SHEET NUMBER	NOTED
DETAIL IDENTIFICATION DETAIL NUMBER	NOTED
ELECTRICAL PANEL	NOTED
VARIABLE FREQUENCY DRIVE	NOTED
PIPING ABOVE FLOOR OR ABOVE GROUND	NOTED
PIPING BELOW FLOOR OR UNDER GROUND, SYMBOL INDICATES TYPE OF SERVICE	NOTED
EXISTING PIPING	NOTED
PIPING TO BE REMOVED	NOTED
SOIL AND WASTE PIPING ABOVE GRADE	NOTED
SOIL AND WASTE PIPING BELOW GRADE	NOTED
RAINWATER PIPING	NOTED
STORM SEWER PIPING	NOTED
VENT PIPING ON FLOOR PLAN	NOTED
VENT PIPING ON PLUMBING RISER	NOTED
DOMESTIC COLD WATER PIPING	NOTED
DOMESTIC HOT WATER PIPING	NOTED
HOT WATER CIRCULATING PIPING	NOTED
DOMESTIC HOT WATER PIPING (140 DEGREES)	NOTED
DOMESTIC HOT WATER PIPING (180 DEGREES)	NOTED
SOFTENED WATER PIPING	NOTED
GAS PIPING	NOTED
CONDENSATE DRAIN PIPING	NOTED
REFRIGERANT PIPING (PAIR)	NOTED
HOT WATER HEATING SUPPLY PIPING	NOTED
HOT WATER HEATING RETURN PIPING	NOTED
HEAT PUMP SYSTEM SUPPLY PIPING	NOTED
HEAT PUMP SYSTEM RETURN PIPING	NOTED
ELBOW DOWN AND ELBOW UP	NOTED
TEE DOWN AND TEE UP	NOTED
BALL VALVE	NOTED
BUTTERFLY VALVE	NOTED
GATE VALVE	NOTED
VALVE IN VERTICAL PIPING	NOTED
PIPING STRAINER	NOTED
PIPING UNION	NOTED
CHECK VALVE	NOTED
GLOBE VALVE	NOTED
2-WAY TEMPERATURE CONTROL VALVE	NOTED
3-WAY TEMPERATURE CONTROL VALVE	NOTED
PRESSURE REDUCING AND REGULATING VALVE	NOTED
AUTOMATIC FLOW CONTROL VALVE OR CIRCUIT SETTER BALANCING VALVE	NOTED
BALANCING VALVE	NOTED
GAS METER	NOTED
WATER METER	NOTED
AREA DRAIN	NOTED
FLOOR DRAIN	NOTED
SHOWER DRAIN	NOTED
FLOOR SINK	NOTED
ROOF DRAIN	NOTED
OVERFLOW ROOF DRAIN	NOTED
WALL HYDRANT	NOTED
HOSE BIBB	NOTED
CLEANOUT	NOTED
BELOW FLOOR OR UNDER GROUND P-TRAP	NOTED
P-TRAP THAT SERVES FIXTURE ON FLOOR ABOVE	NOTED
P-TRAP THAT SERVES DISPOSAL	NOTED
P-TRAP	NOTED
PIPE CAP	NOTED
PIPE BREAK MARK	NOTED

MECHANICAL SYMBOLS (CONTINUED)

REDUCED PRESSURE BACKFLOW PREVENTER	NOTED
DOUBLE CHECK BACKFLOW PREVENTER	NOTED
BACKFLOW PREVENTER, VERIFY TYPE REQUIRED WITH LOCAL AUTHORITY OR ENGINEER	NOTED
FIRE SPRINKLER PIPING	NOTED
ROUND DUCTWORK SECTION	NOTED
SUPPLY AIR DUCTWORK SECTION	NOTED
RETURN, FRESH, OR EXHAUST AIR DUCTWORK SECTION	NOTED
TURNING VANES IN DUCT	NOTED
VOLUME EXTRACTOR IN DUCT	NOTED
FIRE DAMPER AND ACCESS DOOR INTO DUCT	NOTED
FIRE/SMOKE DAMPER AND ACCESS DOOR INTO DUCT	NOTED
SMOKE DAMPER AND ACCESS DOOR INTO DUCT	NOTED
MOTORIZED DAMPER IN DUCT	NOTED
MANUAL VOLUME DAMPER IN DUCT (ADJUSTABLE)	NOTED
CEILING DIFFUSER WITH REGAIN BOX, FLEXIBLE DUCT TO BE A MAXIMUM 3'-0" LONG	NOTED
CEILING DIFFUSER	NOTED
SUPPLY REGISTER	NOTED
FLOOR DIFFUSER	NOTED
LINEAR DIFFUSER	NOTED
RETURN OR EXHAUST AIR GRILLE	NOTED
HIGH EFFICIENCY TAKE-OFF, SEE SPECIFICATION	NOTED
DUCTWORK	NOTED
EXISTING DUCTWORK	NOTED
EXISTING DUCTWORK TO BE REMOVED	NOTED
UNDER FLOOR DUCTWORK	NOTED
VARIABLE AIR VOLUME BOX, XX INDICATES BOX DESIGNATION	NOTED
FLEXIBLE DUCTWORK CONNECTION	NOTED
RECTANGULAR DUCTWORK BREAK MARK	NOTED
ROUND DUCTWORK BREAK MARK	NOTED

CONTROL DIAGRAM SYMBOLS

FAN	NOTED
PUMP	NOTED
HYDRONIC HEATING COIL	NOTED
ELECTRIC HEATING COIL	NOTED
GAS-FIRED HEATING COIL	NOTED
STEAM HEATING COIL	NOTED
HYDRONIC COOLING COIL	NOTED
DIRECT EXPANSION COOLING COIL	NOTED
FILTER	NOTED
HUMIDIFIER	NOTED
BIPOLAR IONIZER	NOTED
TEMPERATURE TRANSMITTER	NOTED
RELATIVE HUMIDITY TRANSMITTER	NOTED
AIRFLOW MEASURING STATION	NOTED
BTU METER	NOTED
CONTROL VALVE	NOTED
STATIC PRESSURE TRANSMITTER	NOTED
DIFFERENTIAL PRESSURE TRANSMITTER	NOTED
SMOKE DETECTOR	NOTED
END SWITCH, NORMALLY CLOSED	NOTED
END SWITCH, NORMALLY OPENED	NOTED
CURRENT SENSING RELAY	NOTED
FLOW METER	NOTED
FLOW SWITCH	NOTED
ELECTRONICALLY COMMUTATED MOTOR	NOTED
VARIABLE FREQUENCY DRIVE	NOTED
FREESTAT	NOTED
ANALOG INPUT	NOTED
ANALOG OUTPUT	NOTED
DIGITAL INPUT	NOTED
DIGITAL OUTPUT	NOTED
TEMPERATURE SENSOR, DUCT AVERAGING	NOTED
TEMPERATURE SENSOR, DUCT PROBE	NOTED
RELATIVE HUMIDITY OR CO2 SENSOR, DUCT PROBE	NOTED
LOW LIMIT FREEZESTAT	NOTED
MOTORIZED DAMPER, PARALLEL BLADE	NOTED
MOTORIZED DAMPER, OPPOSED BLADE	NOTED
PRESSURE SWITCH OR TRANSDUCER, DUCT MOUNT	NOTED
SMOKE DETECTOR, DUCT MOUNT	NOTED
CONTROL VALVE, 2-WAY	NOTED
CONTROL VALVE, 3-WAY	NOTED
TEMPERATURE SENSOR IMMERSION, W/ WELL	NOTED
FLOW METER	NOTED
DIFFERENTIAL PRESSURE TRANSDUCER	NOTED
CURRENT SENSING RELAY	NOTED

GENERAL NOTES - ALL MECHANICAL SHEETS

- ALL MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS SHALL BE INSTALLED TO COMPLY WITH ALL APPLICABLE STATE AND LOCAL BUILDING CODES.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND PAY THE ASSOCIATED FEES. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND MUNICIPAL LAWS, CODES, AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY.
- THE CONTRACTOR SHALL PROVIDE A COMPLETE WORKING AND COORDINATED SYSTEM. FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, AND LABOR AS REQUIRED.
- COORDINATE THE EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT WITH ELECTRICAL EQUIPMENT, LIGHT FIXTURES, PIPING, CONDUIT, DUCTWORK, AND ALL OTHER CONSTRUCTION TO ALLOW FOR ADEQUATE ACCESS TO SERVICE EQUIPMENT.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING DUCTWORK AND PIPING WITH OTHER TRADES AND PROVIDE OFFSETS AS NECESSARY. NOT ALL OFFSETS ARE INDICATED ON DRAWINGS.
- THE CONTRACTOR SHALL INSTALL EQUIPMENT, DUCTWORK, AND PIPING SO AS TO ALLOW FOR THE CEILING CONSTRUCTION AND HEIGHTS SHOWN ON THE ARCHITECTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING OFFSETS IN DUCTWORK AND PIPING AND MODIFYING EXISTING SYSTEMS AS NECESSARY.
- CONTRACTOR SHALL VISIT THE JOBSITE AND VERIFY THE EXISTING SYSTEM CONDITIONS PRIOR TO THE COMMENCEMENT OF THE WORK. ALL EXISTING CONDITIONS PROVIDED ON THE DRAWINGS HAVE BEEN TAKEN FROM RECORD DESIGN DRAWINGS AND FIELD OBSERVATIONS.
- DUCTWORK, PIPING, AND CONDUIT SHALL BE INDEPENDENTLY SUPPORTED, WHERE INDEPENDENT SUPPORT SYSTEMS ARE NOT POSSIBLE, AN ENGINEERING SYSTEM SHALL BE ALLOWED UPON APPROVAL BY ENGINEER OF RECORD.
- ALL FLOOR MOUNTED EQUIPMENT SHALL BE INSTALLED ON A CONCRETE HOUSEKEEPING PAD UNLESS NOTED OTHERWISE. PAD TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- ALL WORK SHALL BE SCHEDULED AND INSTALLED ACCORDING TO THE ARCHITECTURAL PHASING PLANS AND COORDINATED WITH FACILITY SCHEDULES, OCCUPANCIES, AND SERVICES. THE CONTRACTOR SHALL ALERT AND RECEIVE APPROVAL FROM THE FACILITY PRIOR TO ANY SERVICE OUTAGES.
- NEW AND EXISTING EQUIPMENT AND WORK SHALL BE PROTECTED FROM DAMAGE DURING HANDLING AND INSTALLATION THROUGHOUT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGES INCURRED DURING CONSTRUCTION.
- COORDINATE ON-SITE STORAGE OF EQUIPMENT AND MATERIAL WITH FACILITY.
- MECHANICAL AND PLUMBING SYSTEMS SHALL BE COORDINATED WITH EXISTING AND NEW ELECTRICAL DISCONNECTS, PANELS, AND CONNECTIONS TO MAINTAIN ALL NEC REQUIRED CLEARANCES.
- CONTRACTOR IS RESPONSIBLE FOR PRE-TESTING AND BALANCING ALL EXISTING SYSTEMS THAT ARE TO BE IMPACTED BY THE SCOPE OF WORK. CONTRACTOR SHALL RE-BALANCE THE OUT OF SCOPE SYSTEMS TO PRE-PROJECT VALUES TO ENSURE THE SAME PERFORMANCE AFTER CONSTRUCTION.
- ALL EQUIPMENT, VALVES, AND DAMPERS REQUIRING ACCESS THAT ARE LOCATED ABOVE INACCESSIBLE CEILINGS SHALL BE PROVIDED WITH A CEILING ACCESS PANEL SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE EXACT LOCATION OF THE ACCESS PANELS WITH THE GENERAL CONTRACTOR. THE ACCESS PANEL COLOR SHALL BE SUPPLIED OR FIELD PAINTED TO MATCH THE SURROUNDING CEILING.
- ALL MECHANICAL EQUIPMENT AND CONTROLLERS TIED TO BUILDING MANAGEMENT SYSTEM SHALL BE BACNET COMPATIBLE, IF APPLICABLE.

PROJECT DESIGN CRITERIA	
LOCATION: CITY/STATE	RED OAK, IA
APPLICABLE CODES: BUILDING MECHANICAL PLUMBING FUEL GAS ENERGY ELECTRICAL	2015 IBC 2015 IMC 2015 UPC 2015 FGC 2012 IECC 2017 NEC
LATITUDE: DEG. N. LAT.	41.0°
ELEVATION: FT. ABOVE SEA LEVEL	1,096'
ASHRAE DESIGN CONDITIONS: 0.4% DRYBULB COOLING 99.6% DB (HEATING)	93.3/78.4° F -1.5° F

GENERAL NOTES - PIPING

- DELECTRIC UNIONS SHALL BE PROVIDED WHEN JOINING PIPES OF DISSIMILAR MATERIALS.
- ALL WALL MOUNTED DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL INTERIOR ELEVATIONS.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK, ETC. AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE SCOPE OF WORK.
- ISOLATION VALVES FOR EQUIPMENT AND PLUMBING FIXTURES SHALL BE INSTALLED AS CLOSE TO THE MAINS AS POSSIBLE. PROVIDE ACCESS PANELS AS REQUIRED FOR VALVE ACCESS.
- PROVIDE CONDENSATE DRAIN PIPING FROM COOLING COILS TO NEAREST DRAIN WITH CONNECTION AS REQUIRED.
- CONTRACTOR IS RESPONSIBLE FOR PRE-TESTING AND BALANCING ALL EXISTING SYSTEMS THAT ARE TO BE IMPACTED BY THE SCOPE OF WORK. CONTRACTOR SHALL RE-BALANCE THE OUT OF SCOPE SYSTEMS TO PRE-PROJECT VALUES TO ENSURE THE SAME PERFORMANCE AFTER CONSTRUCTION COMPLETION.
- ALL PIPING SHALL BE LABELED PER THE SPECIFICATIONS.
- AS-BUILT DRAWINGS SHALL NOTE ALL MAJOR AND AREA BALANCING VALVES AND ALL CONTROL VALVES.
- ALL EQUIPMENT, PLUMBING FIXTURES, PIPING, AND ACCESSORIES USED IN CONVEYING POTABLE WATER SHALL BE LEAD-FREE IN COMPLIANCE WITH NSF/ANSI STANDARDS 61 AND 372.
- FLEXIBLE PIPING CONNECTIONS SHALL BE PROVIDED AT ROTATING EQUIPMENT UNLESS NOTED OTHERWISE.
- ALL EQUIPMENT LOCATED ABOVE LAY-IN CEILINGS SHALL BE PROVIDED WITH A TAG ON THE CEILING GRID NOTING THE LOCATION. THE TAGGING SYSTEM SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER.

GENERAL NOTES - DUCTWORK

- WHERE SHOWN ON ARCHITECTURAL PLANS, ARCHITECT SHALL HAVE FINAL APPROVAL OF ALL GRILLE, DIFFUSER, AND THERMOSTAT LOCATIONS. CONTRACTOR SHALL GENERATE RTJ AS REQUIRED.
- COORDINATE ALL AIR DEVICE MOUNTING FRAMES WITH LIGHTING AND ARCHITECTURAL INTERIOR ELEVATIONS.
- ALL WALL MOUNTED DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL INTERIOR ELEVATIONS.
- ALL DUCT TAPS CALLED FOR REMOVAL THAT ARE NOT TO BE RE-USED IN NEW PLANS SHALL BE REMOVED BACK TO THE DUCT MAIN AND PATCHED AND SEALED WITH A FIRE RESISTANT ADHESIVE.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK, ETC. AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE SCOPE OF WORK.
- DUCT SIZES AS SHOWN ON PLAN INDICATE THE FREE AREA DIMENSIONS.
- FLEXIBLE DUCTS SHALL NOT BE USED ABOVE NON-LAY-IN CEILINGS UNLESS BOTH ENDS OF THE FLEXIBLE CONNECTIONS CAN BE REACHED BY REMOVING AN ACCESS PANEL, LIGHT FIXTURE, OR THE AIR DEVICE.
- PROVIDE FRAMED 12" X 12" BRID SCREEN AT ALL DUCTS TERMINATING WITHOUT AN AIR DEVICE, AT INDOOR FACE OF LOUVERS, AND AT UNDUCTED AIRFLOW OPENINGS AT EQUIPMENT.
- CONTRACTOR SHALL PAINT THE INSIDE OF DUCTS VISIBLE THROUGH RETURN AND EXHAUST GRILLES WITH A FLAT BLACK PAINT TO LIMIT VISIBILITY.
- PROVIDE MANUAL VOLUME DAMPER IN EACH AIR DEVICE RUNOUT DUCT AS FAR FROM THE AIR DEVICE AS POSSIBLE UNLESS AN OPPOSED BLADE DAMPER IS CALLED FOR ON THE AIR DEVICE.
- INSTALL TURNING VANES IN ALL ELBOWS GREATER THAN 45 DEGREES IN SUPPLY, RETURN, AND EXHAUST DUCTS. DO NOT INSTALL IN GREASE, COMBUSTION AIR, OR OTHER DUCTS WHERE DISALLOWED BY CODE.
- ALL FIRE, SMOKE, AND COMBINATION FIRE/SMOKE DAMPERS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER U.L. TESTED AND LISTED INSTALLATION DETAILS.
- CONTRACTOR IS RESPONSIBLE FOR PRE-TESTING AND BALANCING ALL EXISTING SYSTEMS THAT ARE TO BE IMPACTED BY THE SCOPE OF WORK. CONTRACTOR SHALL RE-BALANCE THE OUT OF SCOPE SYSTEMS TO PRE-PROJECT VALUES TO ENSURE THE SAME PERFORMANCE AFTER CONSTRUCTION.
- ALL DUCTWORK SHALL BE LABELED PER THE SPECIFICATIONS.
- ALL EQUIPMENT LOCATED ABOVE LAY-IN CEILINGS SHALL BE PROVIDED WITH A TAG ON THE CEILING GRID NOTING THE LOCATION. THE TAGGING SYSTEM SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER.

GENERAL NOTES - DEMOLITION SHEETS

- EXISTING CONDITIONS INDICATED ON DRAWINGS HAVE BEEN TAKEN FROM AVAILABLE DESIGN DOCUMENTS AND FIELD OBSERVATIONS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO PRICING AND COMMENCING WORK. NOTIFY ENGINEER OF RECORD OF ANY SIGNIFICANT DEVIATIONS OF EXISTING CONDITIONS FROM DRAWINGS THAT IMPACT NEW WORK.
- DEMOLITION SHALL OCCUR AS PART OF THE NOTED SCOPE FOR THAT PHASE. REMOVE ONLY THE WORK SERVING THE AREA OF DEMOLITION AND RETAIN ALL SERVICES PASSING THROUGH THAT SERVE OUT OF SCOPE AREAS.
- ALL DUCT TAPS CALLED FOR REMOVAL THAT ARE NOT TO BE RE-USED IN NEW PLANS SHALL BE REMOVED BACK TO THE DUCT MAIN AND PATCHED AND SEALED WITH A FIRE RESISTANT ADHESIVE.
- ALL PIPING CALLED FOR REMOVAL THAT ARE NOT TO BE RE-USED IN NEW PLANS SHALL BE REMOVED BACK TO THE NEAREST PIPING MAIN UNLESS NOTED OTHERWISE. NO TEAR LESS SHALL BE ALLOWED.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK, ETC. AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE SCOPE OF WORK.
- WHERE EXISTING WALLS WITH PLUMBING FIXTURES ARE DEMOLISHED, REMOVE ALL EXISTING PLUMBING FIXTURES AND REMOVE CONNECTED PIPING BACK TO POINT OF ORIGIN UNLESS NOTED OTHERWISE. ALL EXISTING PIPING SHUTDOWN DURING DEMOLITION SHALL BE TURNED ON AND CHECKED FOR LEAKS.
- ANY FLOOR DRAINS OR FLOOR SINKS NOT REQUIRED BY NEW WORK SHALL BE REMOVED COMPLETELY BACK TO CONNECTED MAIN AND CAPPED. UNDERGROUND PLUMBING SHALL BE CAPPED AND ABANDONED IN PLACE.
- OWNER SHALL HAVE SALVAGE RIGHTS TO ALL EQUIPMENT, FIXTURES, OR ANY PORTION OF MECHANICAL SYSTEMS BEING REMOVED. COORDINATE WITH OWNER WHAT SHALL BE SALVAGED AND WHAT SHALL BE PROPERLY DISPOSED OF.

GENERAL NOTES - FIRE SPRINKLER

- EXISTING FIRE SPRINKLER SYSTEM SHALL BE ADJUSTED, EXTENDED AND MODIFIED TO MAINTAIN NFPA 13 THROUGHOUT ALL RENOVATED AND NEW AREAS.
- MAINTAIN DRAIN DOWN LOCATIONS THROUGHOUT SYSTEM AS REQUIRED.



AGENCY APPROVAL

ALLEY POYNER
MACCHIETTO
ARCHITECTURE
NE Certificate of Authorization: CA-0433

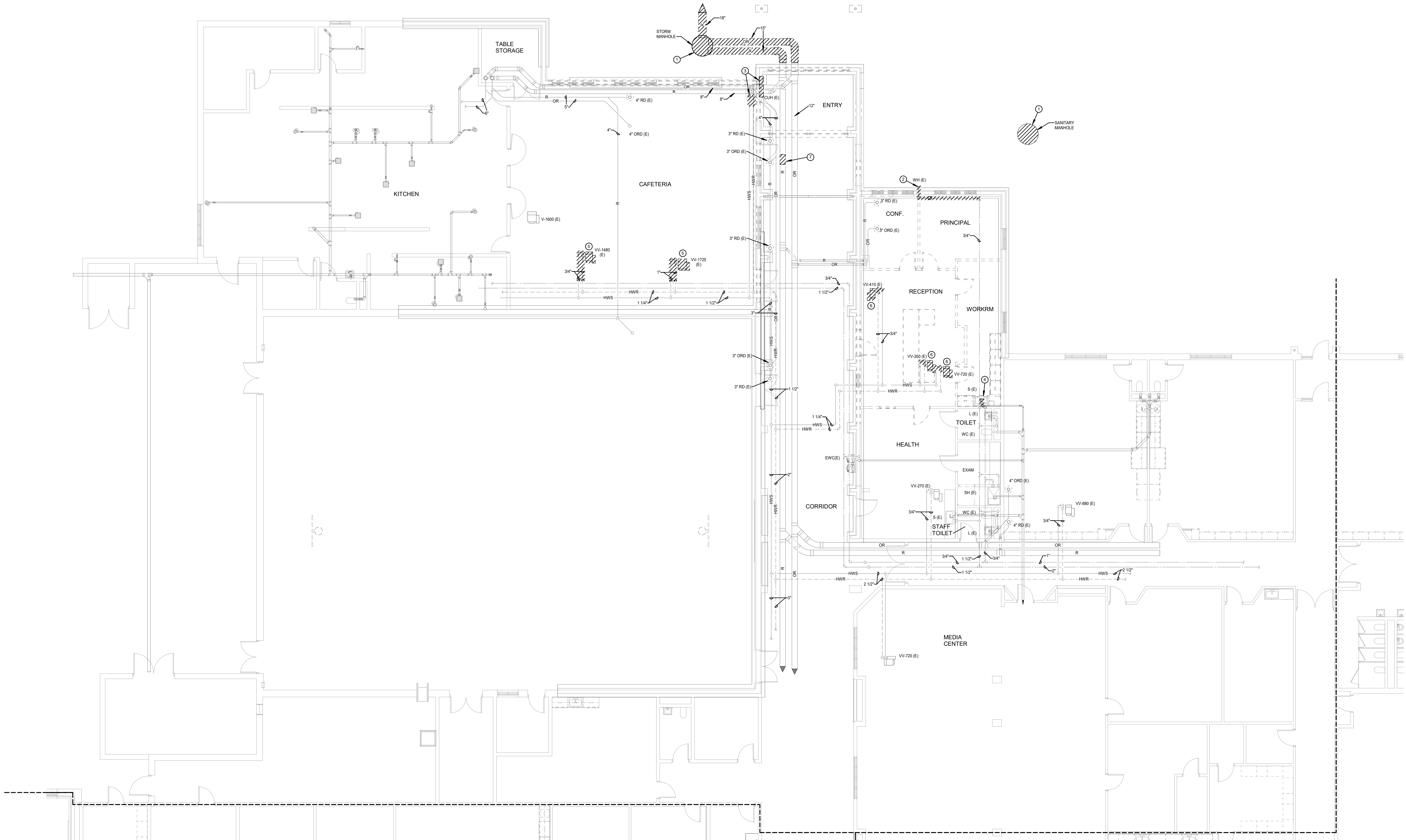
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PLUMBING AND HYDRONIC
DEMOLITION PLAN

MD1.1

SHEET NOTES

- 1 STORM OR SANITARY MANHOLE. REMOVAL BY OTHERS. SEE CIVIL PLAN.
- 2 EXISTING WALL HYDRANT AND CONNECTED DOMESTIC WATER PIPING AND VALVE SHALL BE REMOVED TO LOCATION SHOWN HATCHED. SEE SHEET M1.1 FOR NEW LOCATION OF NEW WALL HYDRANT.
- 3 EXISTING CABINET UNIT HEATER, ASSOCIATED CONTROLS AND HOT WATER HYDRONIC SUPPLY AND RETURN SHALL BE REMOVED AS SHOWN WHERE HATCHED. PREPARE HOT WATER SUPPLY AND RETURN PIPING AS REQUIRED FOR NEW CABINET UNIT HEATER. SEE SHEET M2.1 FOR NEW LOCATION.
- 4 EXISTING PLUMBING FIXTURE TO BE REMOVED. CONTRACTOR SHALL LOCATE EXISTING PLUMBING PIPING CONNECTIONS AND CAP. PREPARE PIPING FOR NEW CONNECTION AS REQUIRED.
- 5 REMOVE EXISTING VAV BOX AND HOT WATER SUPPLY AND RETURN PIPE TO LOCATION SHOWN HATCHED AND CAP PIPE.
- 6 REMOVE EXISTING VAV BOX AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPE IN PREPARATION FOR NEW VAV BOX LOCATION. SEE SHEET M2.1 FOR NEW VAV BOX LOCATION.
- 7 REMOVE SECTION OF RAINWATER PIPE FOR NEW CONNECTION. SEE SHEET M1.0 FOR NEW CONNECTION OF RAINWATER PIPE.



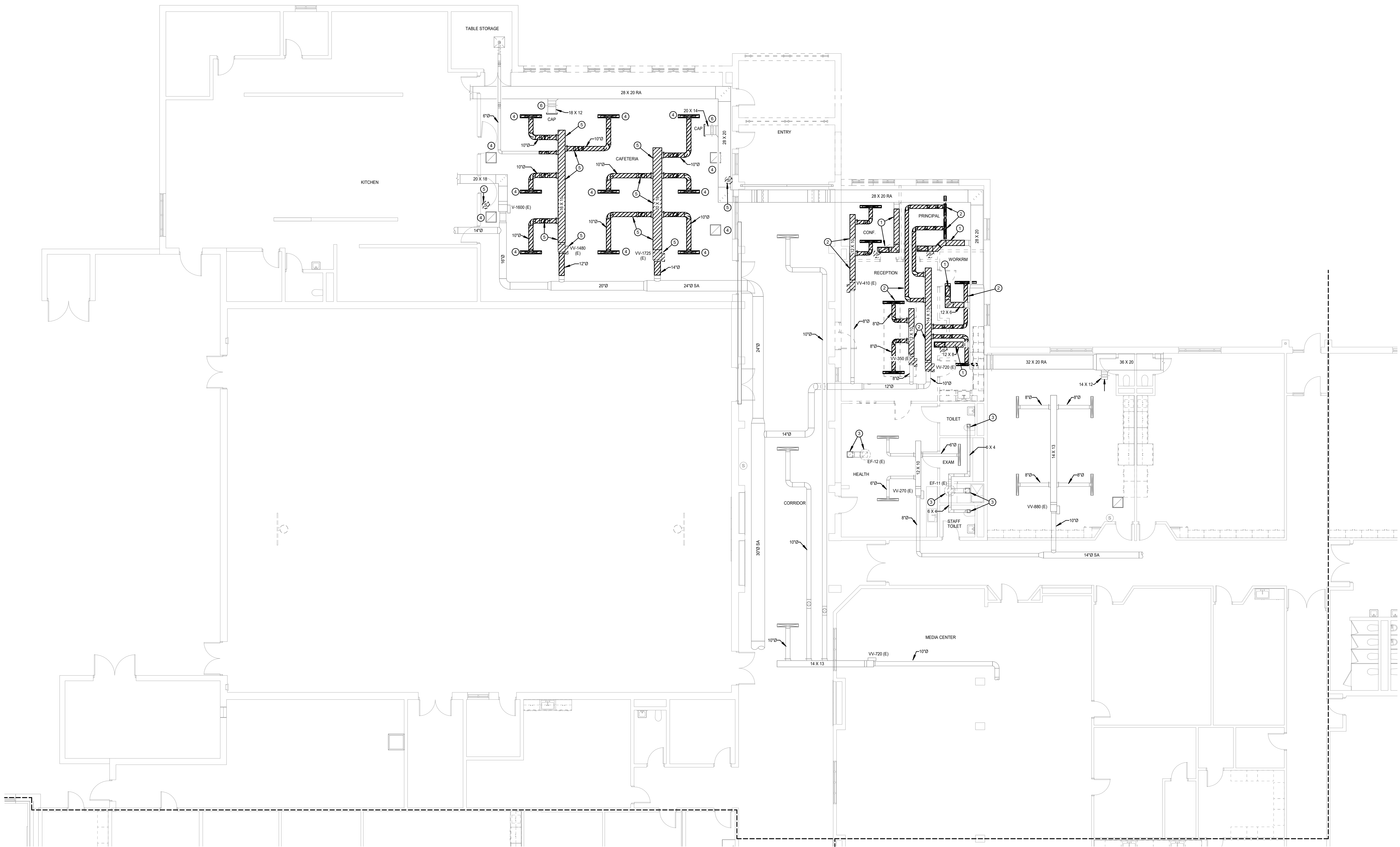
P1 PLUMBING AND HYDRONIC DEMOLITION PLAN
MD1.1 SCALE: 1/8\" = 1'-0"

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ARCHITECTURE
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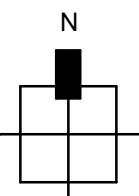
HVAC DEMOLITION PLAN

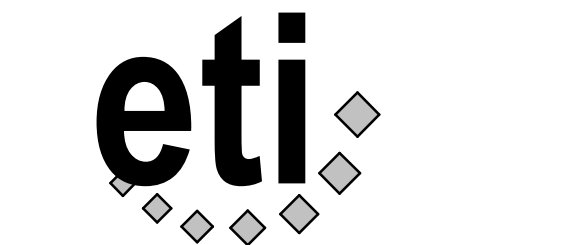
SHEET NOTES

- 1 REMOVE RETURN AIR DUCTWORK AS SHOWN ALONG WITH GRILLES AND SUPPORTS. LEAVE RETURN AIR STUB AS SHOWN AND PROVIDE TEMPORARY ENCLOSURE OR CAP IN PREPARATION OF NEW RETURN AIR DUCTGRILLES AS PART OF RENOVATION. SEE SHEET M-1 FOR NEW LAYOUT.
- 2 REMOVE EXISTING VAN BOX AND SUPPLY AIR DUCTWORK TO LOCATION SHOWN HATCHED. PROVIDE TEMPORARY ENCLOSURE OR CAP FOR PREPARATION OF NEW VAN BOX AND SUPPLY AIR DUCTGRILLES AS PART OF RENOVATION. ALL BRANCH DUCTWORK, GRILLES AND SUPPORTS SHALL BE REMOVED AS SHOWN.
- 3 EXHAUST FAN DUCTWORK, GRILLES AND SUPPORTS SHALL REMAIN.
- 4 EXISTING SUPPLY DIFFUSER AND RETURN GRILLE TO REMAIN. SEE SHEET M-1 FOR FURTHER INSTRUCTIONS.
- 5 REMOVE EXISTING VAN BOX, SENSOR AND ASSOCIATED DUCTWORK WHERE SHOWN HATCHED. SEE SHEET M-1 FOR NEW SUPPLY DUCTWORK LAYOUT.
- 6 CLOSE VOLUME DAMPER AND CAP RETURN AIR DUCT.



P1	HVAC DEMOLITION PLAN
MD2.1	SCALE: 1/8" = 1'-0"





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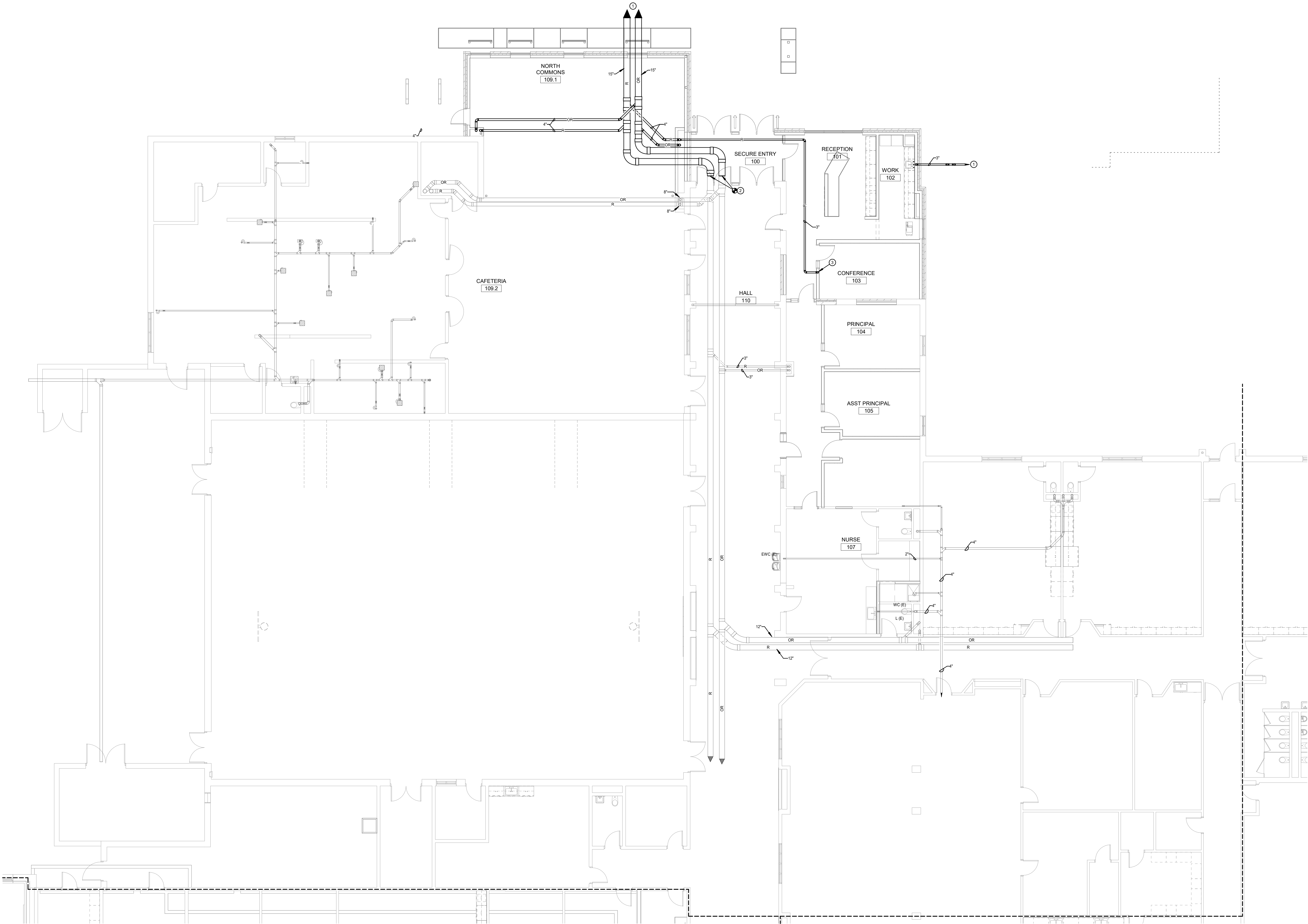
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BELOW FLOOR PLUMBING PLAN	

M1.0

SHEET NOTES

- SEE CIVIL PLANS FOR CONTINUATION.
- CONNECT NEW BELOW GRADE STORM SEWER TO EXISTING AT THIS APPROXIMATE LOCATION. THIS CONTRACTOR SHALL FIND EXACT LOCATION, DEPTH AND SIZE PRIOR TO BEGINNING WORK.
- EXTEND 3" RAINWATER PIPE UP WALL TO ROOF DRAIN.



P1 BELOW FLOOR PLUMBING PLAN
M1.0 SCALE: 1/8" = 1'-0"



AGENCY APPROVAL

ALLEY POYNER
MACCHIETTO
ARCHITECTURE
NE Certificate of Authorization: CA-0433

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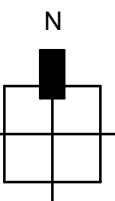
PLUMBING PLAN

M1.1

SHEET NOTES

- EXISTING LOCATION OF 4" RAINWATER AND OVERFLOW RAINWATER. PIPE RISER DOWN TO BELOW FLOOR. VERIFY LOCATION TO CONCEAL PIPE IN PIPE CHASE. PROVIDE CLEANOUT PLUG IN WALL PRIOR TO STORM DRAIN GOING BELOW GRADE.
- 1/2" DOMESTIC HOT, COLD WATER AND 1-1/2" VENT PIPE ROUTED IN WALL HORIZONTALLY IN WALL OVER TO HIGHER CEILING SPACE. ALL PLUMBING WORK SHALL BE INSTALLED ON WARM SIDE OF WALL OF INTERIOR SIDE OF VAPOR BARRIER TO PREVENT FREEZING.
- ATTACH 1/2" DOMESTIC HOT WATER PIPE INTO EXISTING. VERIFY EXISTING CONDITIONS BEFORE WORK BEGINS.
- 3" DOUBLE EXTERIOR CLEANOUT. SEE DETAIL ON SHEET M1.1. CONTRACTOR SHALL POUR CONCRETE PAD AROUND EXTERIOR CLEANOUTS TO ALLOW IF ON ALL SIDES OF CLEANOUTS. ROUGHLY 2' WIDE X 48" LONG AND 4" THICK.
- INSTALL NEW 3" VENT THROUGH ROOF.
- IN CANOPY AREA PROVIDE DRY-TYPE SPRINKLER HEADS WITH DRY-FLEX ONLY AS REQUIRED. COORDINATE HEAD LOCATIONS WITH LIGHT FIXTURES.
- STANDARD AND OVERFLOW ROOF DRAIN LINES SHALL BE CAST IRON IN THIS CANOPY AREA ONLY. SLOPE RAINWATER PIPE AT 1/4" PER FOOT AND INSULATE PER SPECS. TO PREVENT ANY RISK OF FREEZING.
- EXTEND RAINWATER PIPE TO BELOW FLOOR. SEE SHEET M1.0 FOR CONTINUATION OF RAINWATER PIPE. PROVIDE CLEANOUT PLUG IN WALL PRIOR TO STORM DRAIN GOING BELOW GRADE.
- 3" RAINWATER PIPE EXTENDS IN HOLE THRU BEAM PROVIDED BY STRUCTURAL TO ROOF DRAIN RD.2 ON LOWER ROOF. SEE SHEET M3.1 FOR LOCATION ON ROOF.

P1 PLUMBING PLAN
M1.1 SCALE: 1/8" = 1'-0"



eti

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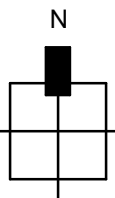
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HYDRONIC PLAN	

M2.1

- # SHEET NOTES
- TIE NEW 3/4" HOT WATER SUPPLY AND RETURN INTO EXISTING OFF-SET PIPING AROUND RAINWATER RISER IN CORNER OF WALL.
 - FOR HOT WATER SUPPLY AND RETURN PIPE CONNECTIONS TO UNIT HEATER, SEE "CABINET UNIT HEATER PIPING DETAIL" ON SHEET M5.1.
 - FOR HOT WATER SUPPLY AND RETURN PIPE CONNECTIONS TO VAV BOX, SEE "VAV HOT WATER REPEAT COIL PIPING DETAIL" ON SHEET M6.1 (TYPICAL)



1 HYDRONIC PLAN
M2.1 SCALE: 1/8" = 1'-0"





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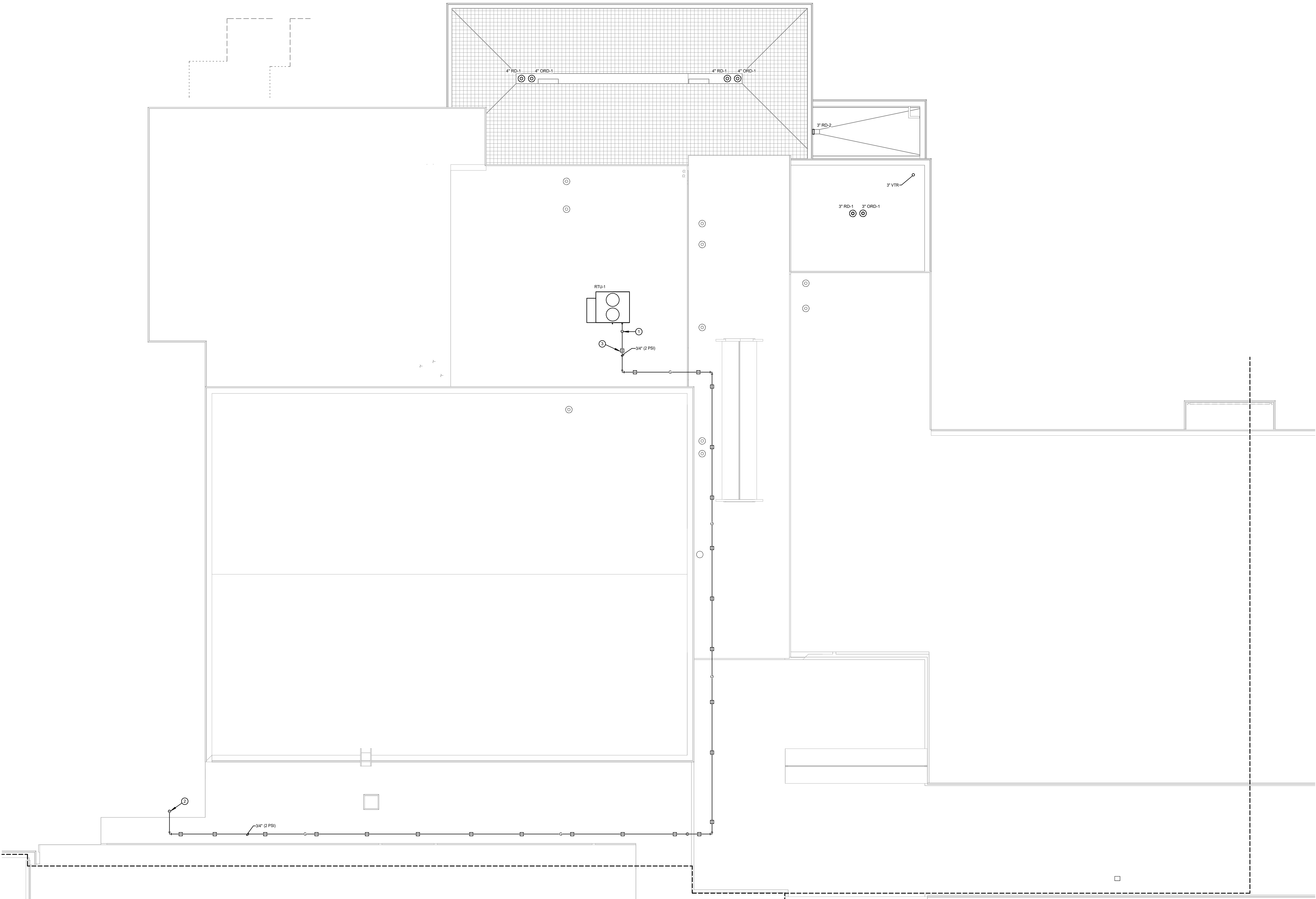
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MECHANICAL ROOF PLAN

M3.1

- # SHEET NOTES
1. PROVIDE UNION, DIRT LEG, CSA RATED SHUT-OFF VALVE AND PRESSURE REGULATOR (2 PSI TO LOW PRESSURE) IN GAS PIPING AT CONNECTION TO EQUIPMENT. SEE DETAIL ON SHEET M3.1.
 2. EXTEND GAS PIPING DOWN TO EXISTING GAS METER. VERIFY WITH LOCAL GAS COMPANY ON EXACT CONNECTION TO EXISTING GAS.
 3. PIPE SUPPORT, SEE DETAIL ON SHEET M3.1.



1 MECHANICAL ROOF PLAN
M3.1 SCALE: 1/8" = 1'-0"



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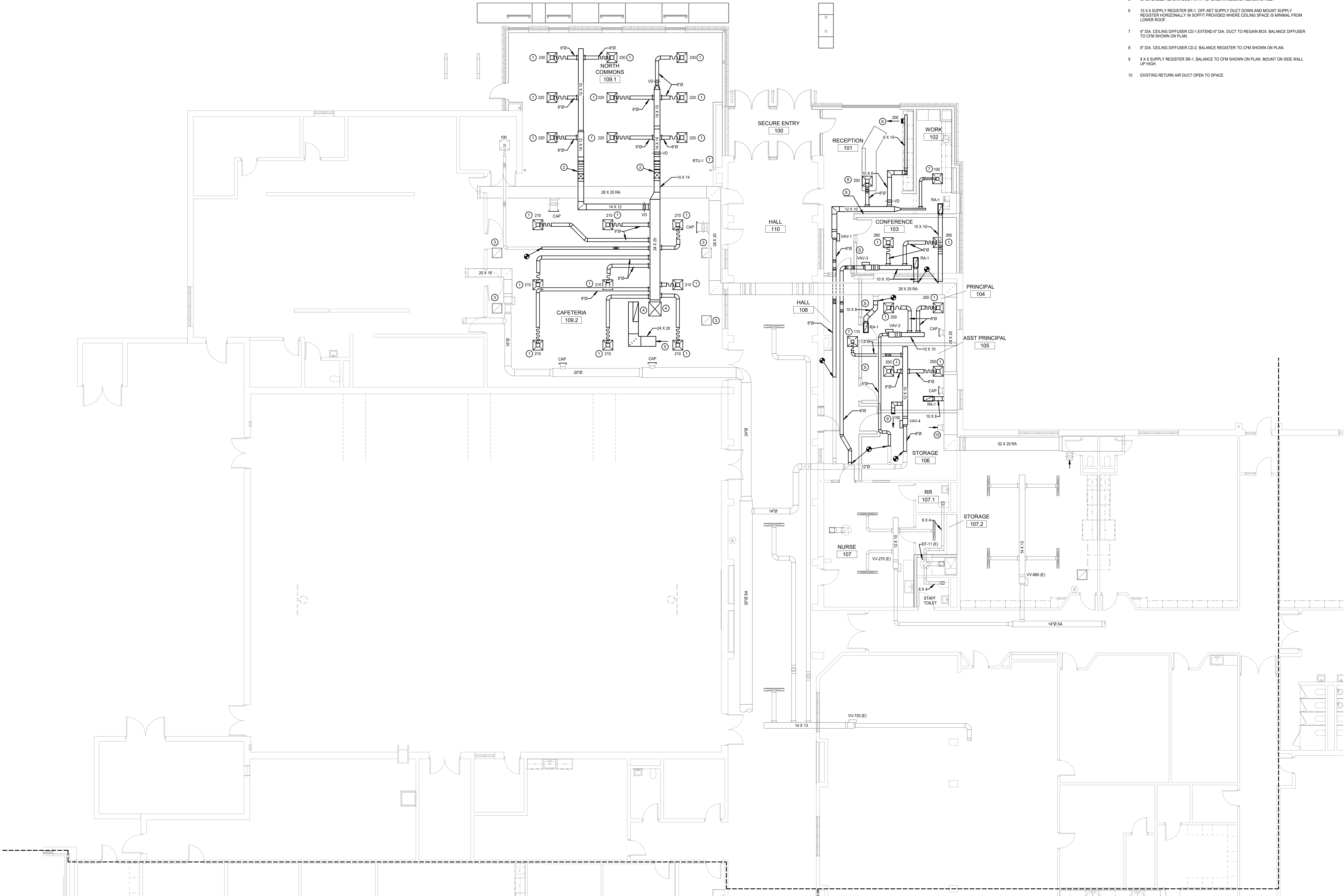
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HVAC PLAN

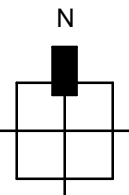
M4.1

SHEET NOTES

- 8" DIA. CEILING DIFFUSER CD-1. EXTEND 8" DIA. DUCT TO REGAN BOX. BALANCE DIFFUSER TO CFM SHOWN ON PLAN.
- OFF-SET SUPPLY AIR DUCT DOWN AND THROUGH OPENING IN BEAM AT THIS LOCATION. SEE STRUCTURAL FOR LOCATION AND SIZE OF BEAM OPENING.
- EXISTING RETURN GRILLES TO REMAIN.
- SUPPLY AND RETURN AIR DUCT UP TO RTU-1 ON ROOF.
- OPEN ENDED RETURN DUCT WITH 1/2" LINER IN CEILING PLENUM SPACE.
- 10 X 6 SUPPLY REGISTER SR-1. OFF-SET SUPPLY DUCT DOWN AND MOUNT SUPPLY REGISTER HORIZONTALLY IN SOFFIT PROVIDED WHERE CEILING SPACE IS MINIMAL FROM LOWER ROOF.
- 6" DIA. CEILING DIFFUSER CD-1. EXTEND 6" DIA. DUCT TO REGAN BOX. BALANCE DIFFUSER TO CFM SHOWN ON PLAN.
- 8" DIA. CEILING DIFFUSER CD-2. BALANCE REGISTER TO CFM SHOWN ON PLAN.
- 8 X 6 SUPPLY REGISTER SR-1. BALANCE TO CFM SHOWN ON PLAN. MOUNT ON SIDE WALL UP HIGH.
- EXISTING RETURN AIR DUCT OPEN TO SPACE.



P1 HVAC PLAN
M4.1 SCALE: 1/8" = 1'-0"



ROOFTOP UNIT (DX/GAS) SCHEDULE

NOTES:

1. LISTED ESP DOES NOT INCLUDE FILTER LOADING. ISP = AHU SP LOSS PLUS CLEAN FILTER AND FILTER LOAD. TSP = ESP + ISP.

2. FAN MOTOR NAMEPLATE SHALL NOT BE EXCEEDED AT SCHEDULED CFM AND FINAL TSP.

3. HORIZONTAL DRAW-THRU CONFIGURATION.

4. SUPPLY FAN SHALL BE ECM.

5. INVERTOR SCROLL COMPRESSOR.

6. HIGH AND LOW PRESSURE SWITCHES FOR LOW AMBIENT CONTROL.

7. 100% ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF.

8. HAIL GUARDS.

9. SINGLE POINT POWER CONNECTION AND UNIT MOUNTED DISCONNECT. PROVIDE CONVENIENCE OUTLET. SCGR RATING SHALL MEET OR EXCEED PANEL KAAC RATING.

10. PROVIDE WITH 24" FACTORY FABRICATED PLENUM ROOF CURB WITH VIBRATION ISOLATION.

11. COOLING EER AT AHRI CONDITIONS.

12. PACKAGED CONTROLS WITH BACKNET INTERFACE MSTP COMMUNICATION CARD. CONTROL SHALL BE COMPATIBLE WITH SCHOOL TEMPERATURE CONTROL SYSTEM.

13. MODULATING HOT GAS REHEAT. PROVIDE PHASE FAILURE MONITOR.

		SUPPLY FAN DATA		COOLING DATA								HEATING DATA		ELECTRICAL DATA		WEIGHT (LBS.)		MANUFACTURE R AND MODEL		NOTES	
(ETI) Mark	NOMINAL TONS	SUPPLY CFM	ESP (IN. W.G.)	FAN MOTOR (QTY/HP)	CLX TYPE	AMBIENT (F)	MIN. EER	TOTAL/SENS. (MBH)	EAT DB/WB (F)	LAT DB/WB (F)	# OF COMPRESSORS	HEAT TYPE	EAT/LAT (F)	HEATING INPUT (MBH)	MCA/MOP	VOLT / PH					
RTU-1	10	4000	1.0	1.3	DX	95	11.3	83.8 / 69.6	53.0 / 53.0		1	GAS	64.9 / 90			480 / 3	1787	DAIKIN DPSC10B		ALL	

VARIABLE AIR VOLUME BOX WITH HEATING WATER COIL SCHEDULE

NOTES:															
1. UNIT MOUNTED / WIRED FACTORY CONTROL PANEL. PROVIDE INTEGRAL 24V CONTROL TRANSFORMER WITH TERMINAL BOX.															
2. PROVIDE PRESSURE INDEPENDENT CONTROLS COMPATIBLE WITH BUILDING CONTROLS SYSTEM.															
3. ATTENUATED SOUND SHALL NOT EXCEED NC 30.															
4. FLOW MEASURING SHALL BE ACCURATE WITHIN +.5% FROM SCHEDULED MINIMUM TO MAXIMUM FLOW RATES.															
5. FACTORY PROVIDED. INTERNALLY LINED. FIBER FREE INSULATION.															
6. HEATING WATER COIL SHALL BE LOCATED ON THE DISCHARGE OF THE TERMINAL BOX.															
7. HEATING WATER COILS SHALL BE SIZED TO MEET THE SCHEDULED MINIMUM MBH AND OBTAIN A MINIMUM DISCHARGE TEMPERATURE OF 60° F. THE AVERAGE COIL LEAVING TEMPERATURE ACROSS ALL BOXES SHALL BE 110°F.															
8. HEATING COIL GPM CAN BE ADJUSTED AS REQUIRED. THE COIL HEATING CFM CAN BE INCREASED AS NEEDED TO OPTIMIZE COIL PERFORMANCE.															
VAV DATA															
MARK	SERVED BY	INLET SIZE (IN.)	MIN CFM	MAX CFM	HEATING CFM	EAT DB (°F)	MIN. MBH	EWV (°F)	LWT (°F)	GPM	MAX WATER P.D. (FT. HD.)	MIN ROWS	MAX AIR P.D. (IN. W.G.)	MANUFACTURER AND MODEL	NOTES
VAV-1	AHU-1	8"	155	500	460	55	17.5	140	110	1.2	10	3	0.75	TITUS DESV-8	ALL
VAV-2	AHU-1	8"	120	400	240	55	8.7	140	110	0.6	10	3	0.75	TITUS DESV-6	ALL
VAV-3	AHU-1	8"	160	500	315	55	10.5	140	110	0.8	10	3	0.75	TITUS DESV-8	ALL
VAV-4	AHU-1	8"	200	660	400	55	13.0	140	110	0.6	10	3	0.75	TITUS DESV-8	ALL

PLUMBING FIXTURE SCHEDULE

MARK	FUNCTION	MANUFACTURER AND MODEL (OR PRIOR APPROVED EQUAL)	WASTE	VENT	CW	HW	NOTE
CD-1	CLEAN OUT	MFAB MODEL C1220 FOR FLOORS, CAST IRON WITH ROUND ADJUSTABLE NICKEL BRONZE TOP. IF FLOOR IS CARPETED USE CARPET CLAMPING TYPE-X.					SEE PLANS FOR SIZE
DSN-1	DOWNSPOUT NOZZLE	JAY R. SMITH MODEL 1770 CAST BRONZE WITH THREADED OUTLET AND WALL FLANGE.					SEE PLANS FOR SIZE
ORD-1	ROOF DRAIN	JAY R. SMITH MODEL 1070 CAST IRON WITH 3" PVC STANDPIPE ASSEMBLY, CAST IRON DOME, SUMP RECEIVER, UNDER DECK CLAMP.					SEE PLANS FOR SIZE
RD-1	ROOF DRAIN	SMITH MODEL 1010 CAST IRON WITH GRAVEL STOP, UNDER DECK CLAMP, SUMP RECEIVER, AND CAST IRON DOME.					SEE PLANS FOR SIZE
RD-2	ROOF DRAIN	JAY R. SMITH MODEL 1510T, CAST IRON ANGLE GRATE SCUPPER DRAIN, 90° THREADED OUTLET.					SEE PLANS FOR SIZE
S-1	SINK	ELKAY ELLH1616, 18-1/2" X 18-1/2" X 7-7/8" DEEP, 18 GAUGE TYPE 304 STAINLESS STEEL, UNDERMOUNT SINK. PROVIDE DECK MOUNT SINGLE LEVER CHROME FAUCET ELKAY "AVADO" MODEL LKAV3021 WITH DEARBORN 510 TRAP AND 11T STANDARD SINK BASINET STRAINERS.	2"	1 1/2"	1/2"	1/2"	SEE PLANS FOR SIZE
WH-1	WALL HYDRANT	WOODFORD MODEL 67 WITH C INLET, CHROME PLATED, BACKFLOW PROTECTED, AUTOMATIC DRAINING.			3/4"		

DIFFUSER, GRILLE, AND REGISTER SCHEDULE

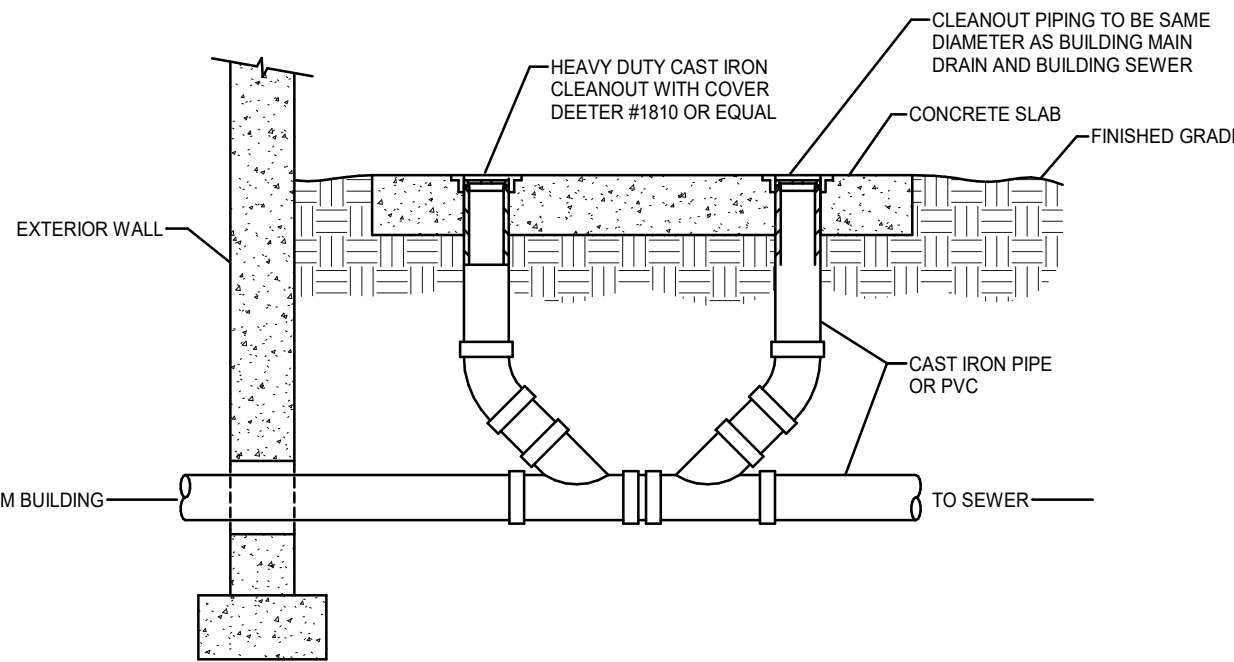
MARK	FUNCTION	MANUFACTURER AND MODEL (OR PRIOR APPROVED EQUAL)
CD-1	CEILING DIFFUSER TYPE 1	TITUS TMS, 24 GAUGE STEEL, FRAME FOR LAY-IN TEE BAR CEILING, 24" X 24" PANEL, WHITE FINISH.
CD-2	CEILING DIFFUSER TYPE 2	TITUS TMS, 24 GAUGE STEEL, WITH FRAME FOR SURFACE MOUNTING, 24" X 24" PANEL, WHITE FINISH, PROVIDE TITUS OPPOSED BLADE DAMPER.
RA-1	RETURN AIR GRILLE TYPE 1	TITUS PAR, PERFORATED FACE RETURN GRILLE, STEEL CONSTRUCTION, WHITE FINISH, 24" X 24" PANEL OR 12" X 24" PANEL FOR LAY-IN CEILING WITH NECK SIZE AS SHOWN ON PLANS.
SR-1	SUPPLY REGISTER TYPE 1	TITUS 300RS, DOUBLE DEFLECTION, VERTICAL BLADE, OPPOSED BLADE DAMPER, WHITE FINISH, STEEL CONSTRUCTION.

CABINET UNIT HEATER SCHEDULE

NOTES:						
1. HEATING CAPACITY BASED ON 180°F E.W. T./148°F L.W. T./60°F DB E.A.T.						
2. PROVIDE HANGING BRACKET KIT.						
3. PROVIDE MANUAL STARTED DISCONNECT WITH OVERLOAD PROTECTION.						
4. HEATING CAPACITY BASED ON 50% PROPYLENE GLYCOL.						
5. 3-ROW COIL, 12 FINS PER INCH.						
MARK	FAN HP (120 V / 1 PH)	HEATING CAP. (BTU/H)	DESIGN AIRFLOW (CFM)	WATER FLOW (GPM)	MAX COIL P.D. (FT.)	CFM
CUH-1	1/20	31.65	350 CFM	2.00	5.29	350
						FR-45-240

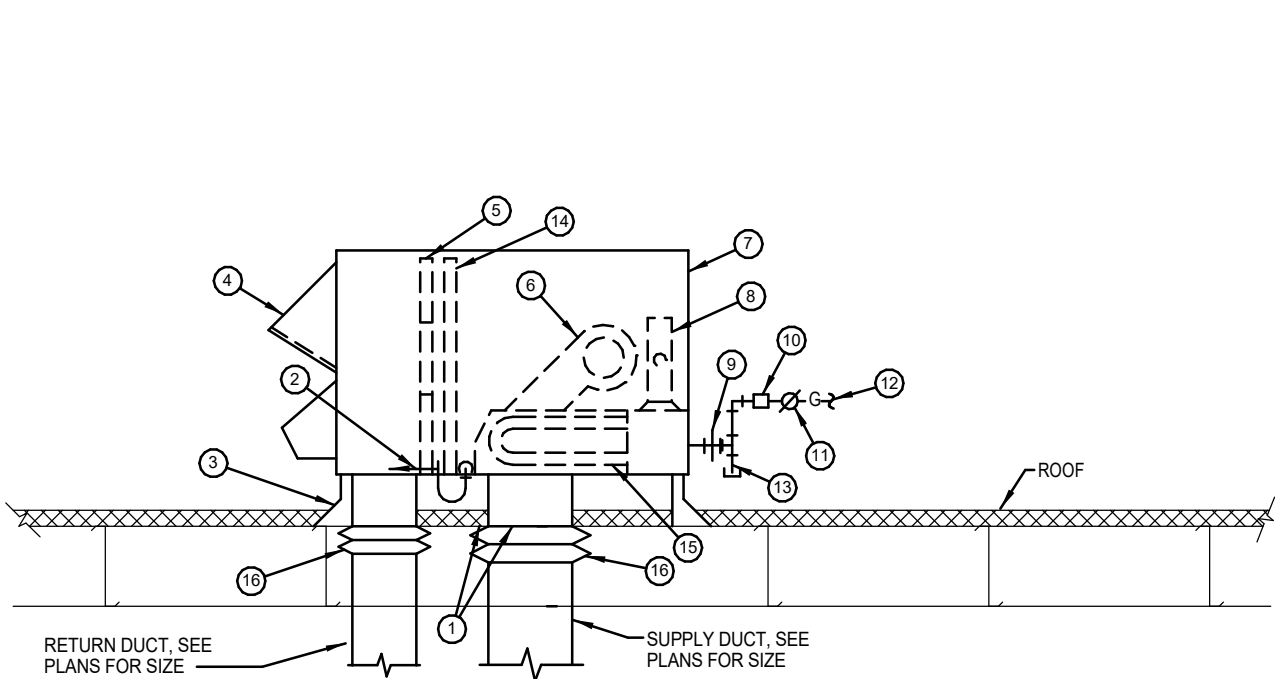
DOUBLE EXTERIOR CLEANOUT DETAIL

M5.1 SCALE: NONE



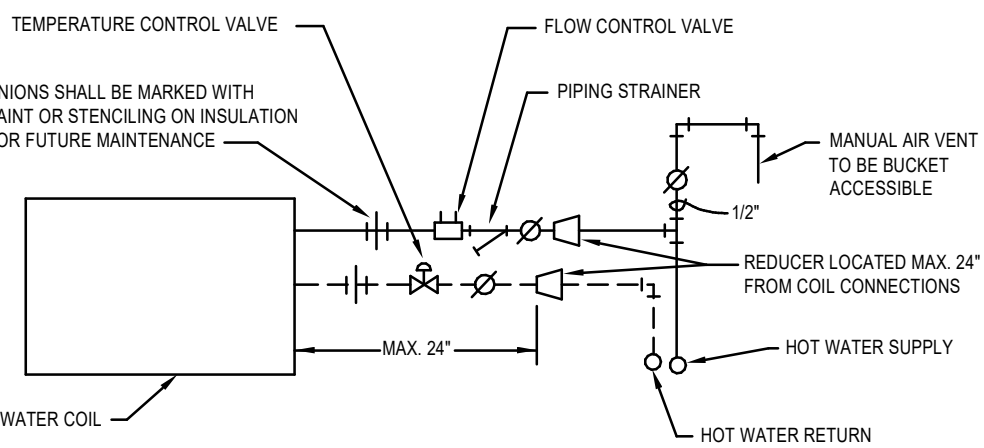
ROOFTOP UNIT DETAIL

M5.1 SCALE: NONE



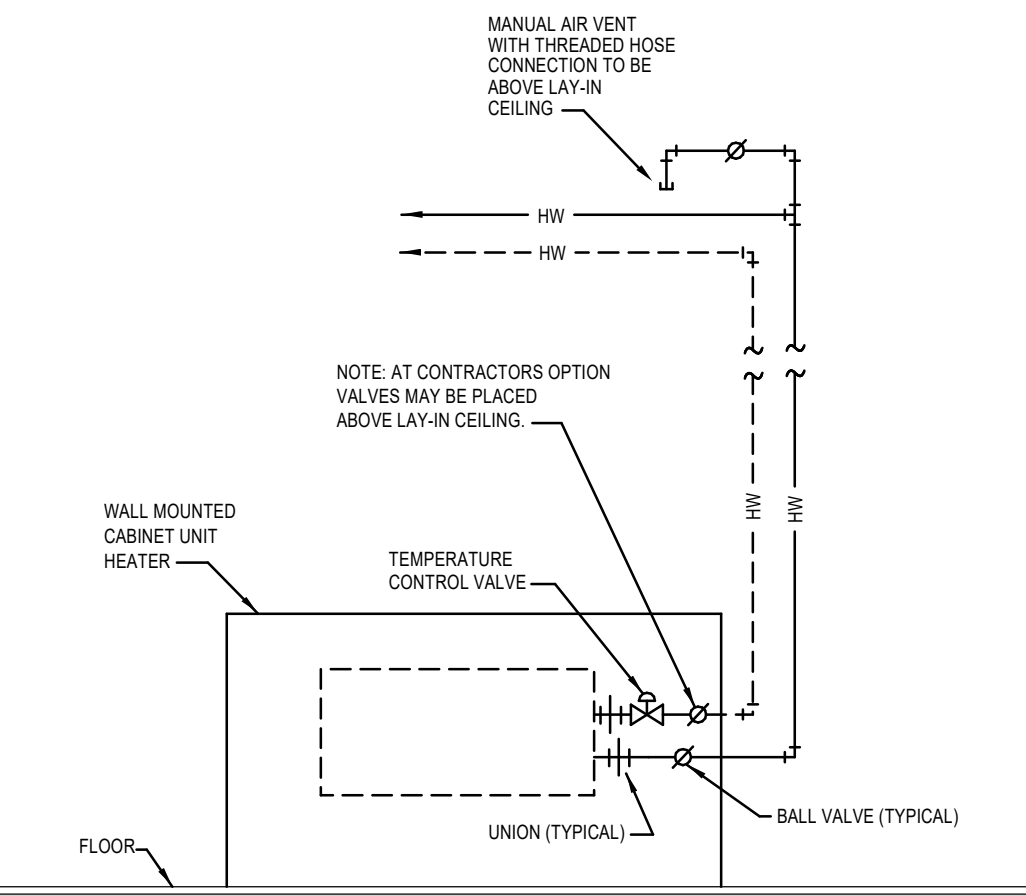
ROOF TOP UNIT NOTES:

1. REMOVE ONLY ENOUGH INSULATION AND ROOF DECKING INSIDE ROOF CURB TO INSTALL DUCTWORK. REMAINING INSULATION AND ROOF DECKING SHALL PROVIDE SOUND ATTENUATION.
2. EXTEND FULL SIZE COPPER HUMIDITY DRAIN WITH OPEN ENDED TRAP DOWN TO ROOF. DRAIN SHALL OPEN IN DIRECTION OF ROOF SLOPE.
3. 14" HIGH PREFABRICATED ROOF CURB BY MECHANICAL CONTRACTOR. SEE ROOF TOP UNIT SCHEDULE.
4. ECONOMIZER WITH OUTDOOR AIR HOOD.
5. 2" FILTERS AND FILTER RACK.
6. BLOWER MOTOR.
7. ROOF TOP UNIT.
8. COMPRESSOR.
9. UNION.
10. PRESSURE REDUCING AND REGULATING VALVE TO REDUCE PRESSURE FROM 2 PSIG TO LOW PRESSURE.
11. BALL VALVE.
12. SEE FLOOR PLANS AND SIZES FOR CONTINUATION.
13. DIRT LEG.
14. COOLING COIL.
15. HEAT EXCHANGER.
16. PROVIDE FLEXIBLE DUCT CONNECTION.



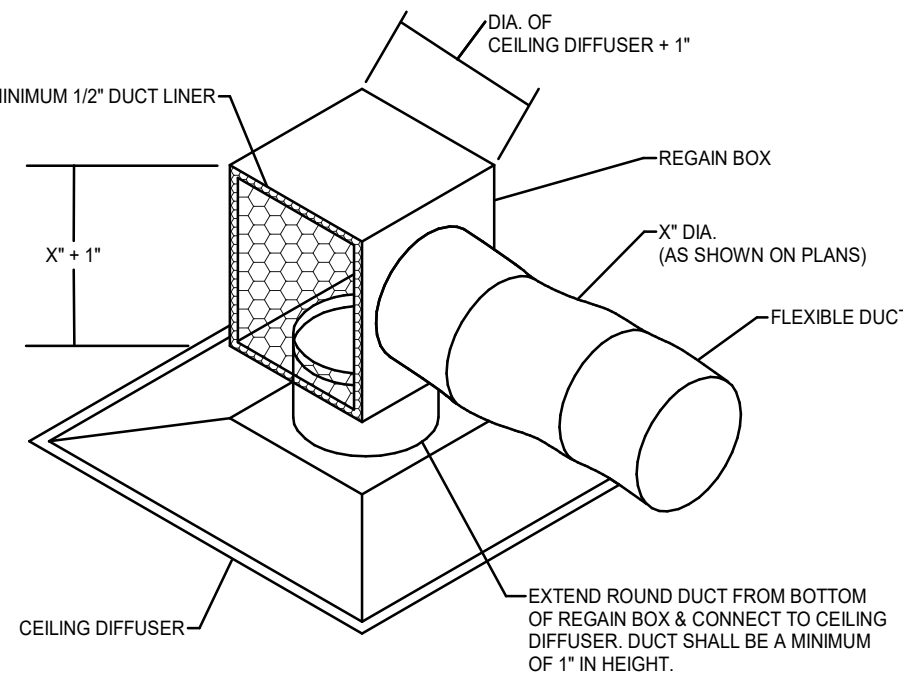
1 VAV HOT WATER REHEAT COIL PIPING DETAIL

M5.1 SCALE: NONE



2 CABINET UNIT HEATER PIPING DETAIL

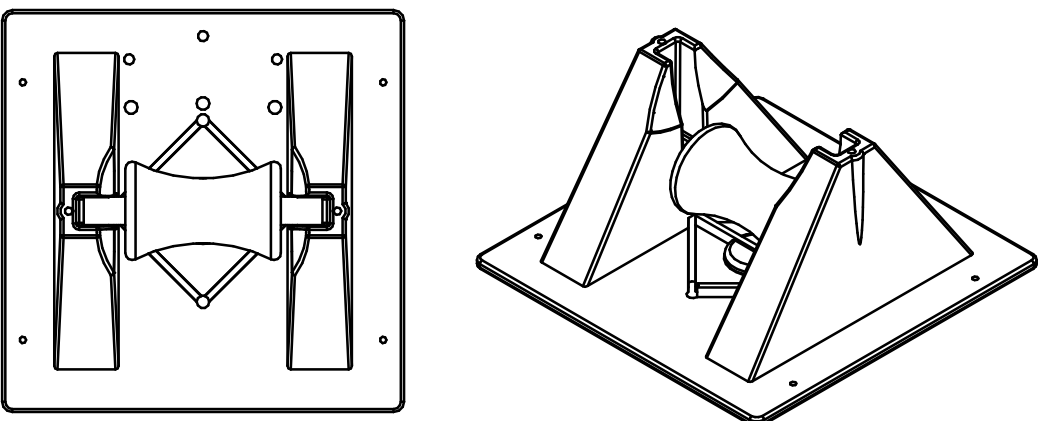
M5.1 SCALE: NONE



3 REGAIN BOX DETAIL

M5.1 SCALE: NONE

GAS PIPE SUPPORT SCHEDULE:
PIPE SUPPORT (PS-1) - MIRO INDUSTRIES
MODEL 3-R-2 PIPE STAND



4 GAS PIPE SUPPORT DETAIL

M5.1 SCALE: NONE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A	MECHANICAL SPECIFICATIONS SECTION 21 0500 COMMON WORK RESULTS FOR FIRE SUPPRESSION PART 1 GENERAL 1.01 SECTION INCLUDES A. PIPE, FITTINGS, VALVES, AND CONNECTIONS FOR SPRINKLER SYSTEMS. 1.02 SUBMITTALS A. SEE ADMINISTRATIVE REQUIREMENTS FOR SUBMITTAL PROCEDURES. B. PRODUCT DATA: PROVIDE MANUFACTURERS' CATALOGUE INFORMATION, INDICATE VALVE DATA AND RATINGS. C. SHOP DRAWINGS: INDICATE THE PIPE MATERIALS USED, JOINTING METHODS, SUPPORTS, FLOOR AND WALL PENETRATION SEALS, INDICATE INSTALLATION, LOADS, WEIGHTS, MOUNTING AND SUPPORT DETAILS, AND PIPING CONNECTIONS. D. PROJECT RECORD DOCUMENTS: RECORD ACTUAL LOCATIONS OF COMPONENTS AND TAG NUMBERS. E. OPERATION AND MAINTENANCE DATA: INCLUDE INSTALLATION INSTRUCTIONS AND SPARE PARTS LISTS. 1.03 QUALITY ASSURANCE A. INSTALLER QUALIFICATIONS: COMPANY SPECIALIZING IN PERFORMING WORK OF THE TYPE SPECIFIED; THIS SECTION WITH A MINIMUM FIVE YEARS EXPERIENCE. B. CONFORM TO I.D. AND FM REQUIREMENTS. C. VALVES: BEAR UL LABEL, OR MARKING: PROVIDE MANUFACTURER'S NAME AND PRESSURE RATING MARKED ON VALVE BODY. D. PRODUCTS REQUIRING ELECTRICAL CONNECTION: LISTED AND CLASSIFIED AS SUITABLE FOR THE PURPOSE SPECIFIED AND INDICATED. 1.04 DELIVERY, STORAGE, AND HANDLING A. DELIVER AND STORE VALVES IN SHIPPING CONTAINERS, WITH LABELING IN PLACE. B. PROVIDE TEMPORARY PROTECTIVE COATING ON CAST IRON AND STEEL VALVES. C. PROVIDE TEMPORARY END CAPS AND CLOSURES ON PIPING AND FITTINGS. MAINTAIN IN PLACE UNTIL INSTALLATION. PART 2 PRODUCTS 2.01 FIRE PROTECTION SYSTEMS A. SPRINKLER SYSTEMS: CONFORM WORK TO NFPA 13. B. WELDING MATERIALS AND PROCEDURES: CONFORM TO ASME CODE. 2.02 ABOVE GROUND PIPING A. STEEL PIPE: ASTM A536 SCHEDULE 10, ASTM A534 SCHEDULE 40, OR ASTM A1334/1335M UL LISTED LIGHT WALL TYPE, BLACK. B. STEEL FITTINGS: ASME B16.18, CAST COPPER ALLOY STEEL, BUTTWELDED. C. CAST IRON FITTINGS: ASME B16.1, FLANGES AND FLANGED FITTINGS AND ASME B16.4, THREADED FITTINGS. D. MALLEABLE IRON FITTINGS: ASME B16.3, 3 THREADED FITTINGS. E. MECHANICAL GROOVED COUPLINGS: MALLEABLE IRON HOUSING CLAMPS TO ENGAGE AND LOCK, "C" SHAPED ELASTOMERIC SEALING GASKET, STEEL BOLTS, NUTS, AND WASHERS; GALVANIZED OR GALVANNEED PIPE. F. COPPER TUBE: ASTM B76 (ASTM B754) OR ASTM B88 (ASTM B88M), H50 DRAIN TEMPER. 1. TYPE: TYPE M. 2. SIZES: 1/2" TO 4". 3. JOINTS: AWS AS 8 CLASSIFICATION BCU-3 OR BCU-4 COPPER/BRASS, FILLER. 2.03 PIPE HANGERS AND SUPPORTS A. HANGERS FOR PIPE SIZES 1/2" TO 1-1/2 INCH: MALLEABLE IRON, ADJUSTABLE SWIVEL, SPLIT RING, HANGERS FOR PIPE SIZES 2 INCHES AND OVER: CARBON STEEL, ADJUSTABLE, CLEVIS. B. MULTIPLE OR TRAFFIC HANGERS: STEEL CHANNELS WITH WELDED SPACERS AND HANGER RODS. C. WALL SUPPORT FOR PIPE SIZES 4 INCHES AND OVER: WELDED STEEL BRACKET AND WROUGHT STEEL CLAMP. D. VERTICAL SUPPORT: STEEL RISER CLAMP. E. FLOOR SUPPORT: CAST IRON ADJUSTABLE PIPE SADDLE, LOCK NUT, NIPPLE, FLOOR FLANGE, AND CONCRETE PIER OR STEEL SUPPORT. F. COPPER PIPE SUPPORT: CARBON STEEL RING, ADJUSTABLE, COPPER PLATED. 2.04 MECHANICAL COUPLINGS A. RIGID MECHANICAL COUPLINGS FOR GROOVED JOINTS. 1. DIMENSIONS AND TESTING: COMPLY WITH ANSA 2006. 2. MINIMUM WORKING PRESSURE: 300 PSIG. 3. HOUSING MATERIAL: FABRICATE OF DUCTILE IRON CONFORMING TO ASTM A536. 4. HOUSING COATING: FACTORY APPLIED ORANGE ENAMEL. 5. GASKET MATERIAL: EPDM SUITABLE FOR OPERATING TEMPERATURE RANGE FROM MINUS 30 F TO 220 F. 6. BOLTS AND NUTS: HOT DIPPED GALVANIZED OR ZINC ELECTROPLATED STEEL. 7. INSTALLATION: ACTUALLY FIELD-CUT, FLANGED, OR STYLE 050H. 2.05 FLEXIBLE SPRINKLER HEAD PIPING CONNECTIONS A. 3/4" STAINLESS STEEL BRAIDED HOSE RATED FOR 300 PSI FOR USE AS REQUIRED FOR CONCEALED PIPING OFFSETS FOR RIGIDLY MOUNTED SPRINKLER HEADS. 1. CONNECTIONS SHALL BE FM APPROVED AND UL LISTED FOR SUBSTITUTION OF SHEETROCK CEILING INSTALLATIONS. INSTALLATION SHALL CONFORM TO REQUIREMENTS OF NFPA 13. 2.06 GATE VALVES A. UP TO AND INCLUDING 2 INCHES: BRONZE BODY, BRONZE TRIM, RISING STEM, HANDWHEEL, SOLD WEDGE OR DISC, THREADED ENDS. B. OVER 2 INCHES: IRON BODY, DISC, THREADED TRIM, RISING STEM, GROOVED FOR MOUNTING TAMPER SWITCH, HANDWHEEL, OSS, SOLID RUBBER COVERED BRONZE OR CAST IRON WEDGE, FLANGED ENDS. C. OVER 4 INCHES: IRON BODY, BRONZE TRIM, NON-RISING STEM WITH BOLTED BONNET, SOLD BRONZE WEDGE, FLANGED ENDS, IRON BODY INDICATOR POST ASSEMBLY. 2.07 BALL VALVES A. UP TO AND INCLUDING 2 INCHES: BRONZE TWO PIECE BODY, BRASS, CHROME PLATED BRONZE, OR STAINLESS STEEL BALL, TEFLON SEATS AND STUFFING BOX RING, LEVER HANDLE, AND BALANCING STOPS, THREADED ENDS WITH UNION. 2.08 BUTTERFLY VALVES A. BRONZE BODY, STAINLESS STEEL DISC, RESILIENT RESEALABLE SEAT, THREADED OR GROOVED ENDS, EXTENDED NECK, HANDWHEEL, AND GEAR DRIVE AND INTERNAL INDICATING DEVICE, AND BUILT IN TAMPER SWITCH RATED 10 AMP AT 115 VOLT AC. B. CAST OR DUCTILE IRON BODY: CAST OR DUCTILE IRON, CHROME OR NICKEL PLATED DUCTILE IRON OR ALUMINUM BRONZE DISC, RESILIENT RESEALABLE EPDM SEAT, WAFER LUG, OR GROOVED DOWN, EXTENDED NECK, HANDWHEEL, AND GEAR DRIVE, AND INTERNAL INDICATING DEVICE, AND INTERNAL TAMPER SWITCH RATED 10 AMP AT 115 VOLT AC. 2.09 CHECK VALVES A. UP TO AND INCLUDING 2 INCHES: BRONZE BODY AND SWING DISC, RUBBER SEAT, THREADED ENDS. B. OVER 2 INCHES: IRON BODY, BRONZE TRIM, SWING CHECK WITH RUBBER DISC, RENEWABLE DISC AND SEAT, FLANGED ENDS WITH AUTOMATIC BALL CHECK. C. 4 INCHES AND OVER: IRON BODY, BRONZE DISC, STAINLESS STEEL SPRING, RESILIENT SEAL, THREADED, WATER, OR FAN COUPLER. 2.10 DRAIN VALVES A. BALL VALVE: BRASS WITH CAP AND CHAIN, 3/4 INCH HOSE THREAD. PART 3 EXECUTION 3.01 PREPARATION A. REAM PIPE AND TUBE ENDS. REMOVE BURRS, BEVEL, PLAN END FERROUS PIPE. B. REMOVE SCALE AND FOREIGN MATERIAL, FROM INSIDE AND OUTSIDE, BEFORE ASSEMBLY. C. PREPARE PIPING CONNECTIONS TO EQUIPMENT WITH FLANGES OR UNIONS. 3.02 INSTALLATION A. INSTALL SPRINKLER SYSTEM AND SERVICE MAIN PIPING, HANGERS, AND SUPPORTS IN ACCORDANCE WITH NFPA 13. B. ROUTE PIPING IN ORDERLY MANNER, PLUMB AND PARALLEL TO BUILDING STRUCTURE. MAINTAIN GRADE/ENT. C. INSTALL PIPING TO CONSERVE BUILDING SPACE, TO NOT INTERFERE WITH USE OF SPACE AND OTHER WORK. D. GROUP PIPING WHENEVER PRACTICAL AT COMMON ELEVATIONS. E. SLEEVE PIPES PASSING THROUGH PARTITIONS, WALLS, AND FLOORS. F. INSTALL PIPING TO ALLOW FOR EXPANSION AND CONTRACTION WITHOUT STRESSING PIPE, JOINTS, OR CONNECTED EQUIPMENT. G. INSERTS 1. PROVIDE INSERTS FOR PLACEMENT IN CONCRETE FORMWORK. 2. PROVIDE INSERTS FOR SUSPENDING HANGERS FROM REINFORCED CONCRETE SLABS AND SIDES OF REINFORCED CONCRETE BEAMS. 3. WHERE CONCRETE SLABS FORM FINISHED CEILING, LOCATE INSERTS FLUSH WITH SLAB SURFACE. 4. WHERE INSERTS ARE OMITTED, DRILL THROUGH CONCRETE SLAB FROM BELOW AND PROVIDE THROUGH-BOLT WITH RECESSED SQUARE STEEL PLATE AND NUT ABOVE SLAB. H. PIPE HANGERS AND SUPPORTS 1. INSTALL HANGERS TO PROVIDE MINIMUM 12 INCH SPACE BETWEEN FINISHED COVERING AND ADJACENT WORK. 2. PLACE HANGERS WITHIN 12 INCHES OF EACH HORIZONTAL ELBOW. 3. USE HANGERS WITH 1-1/2 INCH MINIMUM VERTICAL ADJUSTMENT. DESIGN HANGERS FOR PIPE MOVEMENT WITHOUT DISENGAGEMENT OF SUPPORTED PIPE. 4. SUPPORT VERTICAL PIPING AT EVERY OTHER FLOOR. SUPPORT RISER PIPING INDEPENDENTLY OF CONNECTED PIPING. 5. WHERE SEVERAL PIPES CAN BE INSTALLED IN PARALLEL AND AT SAME ELEVATION, PROVIDE MULTIPLE OR TRAFFIC HANGERS. 6. PROVIDE COPPER PLATED HANGERS AND SUPPORTS FOR COPPER PIPING. I. SLOPE PIPING AND DRAINAGE SYSTEMS TO DRAIN AT LOW POINTS. USE ECCENTRIC REDUCERS TO MAINTAIN TOP OF PIPE LEVEL. J. PREPARE PIPE, FITTINGS, SUPPORTS, AND ACCESSORIES FOR FINISH PAINTING. K. PROVIDE PIPE SUPPORT MEMBERS ARE WELDED TO STRUCTURAL BUILDING FRAMING, SCRAPE, BRUSH CLEAN, AND APPLY ONE COAT OF ZINC RICH PRIMER TO WELDING. REFER TO SECTION 01 8000. L. DO NOT PENETRATE BUILDING STRUCTURAL MEMBERS UNLESS INDICATED. M. PROVIDE SLEEVES WHEN PENETRATING FOOTINGS, FLOORS, AND WALLS. SEAL PIPE AND SLEEVE PENETRATIONS TO ACHIEVE FIRE RESISTANCE EQUIVALENT TO FIRE SEPARATION REQUIRED. N. WHEN INSTALLING MORE THAN ONE PIPING SYSTEM MATERIAL, ENSURE SYSTEM COMPONENTS ARE COMPATIBLE AND JOINED TO ENSURE THE INTEGRITY OF THE SYSTEM. PROVIDE NECESSARY JOINING FITTINGS: ENSURE FLANGES, UNION, AND COUPLINGS FOR SERVING ARE CONSISTENTLY PROVIDED. O. INSTALL VALVES WITH STEMS UPRIGHT OR HORIZONTAL, NOT INVERTED. REMOVE PROTECTIVE COATINGS PRIOR TO INSTALLATION. P. PROVIDE GATE, BALL, OR BUTTERFLY VALVES FOR SHUT-OFF OR ISOLATING SERVICE. Q. PROVIDE DRAIN VALVES AT MAIN SHUT-OFF VALVES, LOW POINTS OF PIPING AND APPARATUS.																	
B	SECTION 21 1300 FIRE SUPPRESSION SPRINKLERS PART 1 GENERAL 1.01 SECTION INCLUDES A. WET-PIPE SPRINKLER SYSTEM. B. SYSTEM DESIGN, INSTALLATION, AND CERTIFICATION. 1.02 SCOPE OF WORK A. FIRE SPRINKLER CONTRACTOR SHALL VISIT THE PROJECT TO DETERMINE THE EXISTING CONDITIONS. B. FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN ACCORDANCE TO NFPA 13. C. DRAWINGS ARE TO BE INTERPRETED AS DIAGRAMATIC ONLY. INTENDED TO COVER THE SCOPE OF THE WORK AND TO INDICATE THE GENERAL ARRANGEMENTS AND LOCATIONS OF EQUIPMENT, ETC., AND THE APPROXIMATE SIZES OF EQUIPMENT. IT SHOULD BE UNDERSTOOD THAT THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF EQUIPMENT AND ROUGH-IN, AND THE EXACT ROUTING OF PIPES AND DUCTS SO AS TO BEST FIT THE LAYOUT OF THE JOB. SCALING OF THE DRAWINGS WILL NOT BE SUFFICIENT OR ACCURATE FOR DETERMINING THESE LOCATIONS. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF WALLS, FOUNDATIONS, STRUCTURAL BEAMS, AND OTHER STRUCTURAL BUILDING MEMBERS. WHERE JOB CONDITIONS REQUIRE REASONABLE CHANGES IN INDICATED ARRANGEMENTS AND LOCATIONS, SUCH CHANGES SHALL BE MADE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. D. BECAUSE OF THE SCALE OF THE DRAWINGS, CERTAIN BASIC ITEMS, SUCH AS FITTINGS, BOXES, VALVES, UNIONS, ETC., MAY NOT BE SHOWN, BUT WHERE SUCH ITEMS ARE REQUIRED BY OTHER SECTIONS OF THE SPECIFICATIONS OR WHERE THEY ARE REQUIRED FOR PROPER INSTALLATION OF THE WORK, SUCH ITEMS SHALL BE FURNISHED AND INSTALLED. E. THE DETERMINATION OF QUANTITIES OF MATERIAL AND EQUIPMENT REQUIRED SHALL BE MADE BY THE CONTRACTOR FROM THE DRAWINGS. SCHEDULES ON THE DRAWINGS AND IN THE SPECIFICATIONS ARE COMPLETED AS AN AID TO THE CONTRACTOR BUT WHERE DISCREPANCIES ARISE, THE GREATER NUMBER SHALL GOVERN. F. WHERE WORDS "PROVIDE," "INSTALL," OR "FURNISH" ARE USED ON THE DRAWINGS OR IN THE SPECIFICATIONS, IT SHALL BE TAKEN TO MEAN TO FURNISH, INSTALL AND CONNECT UP COMPLETE AND READY FOR OPERATION, THE ITEMS MENTIONED. 1.03 OPERATION AND PROGRESS A. KEEP INFORMED ABOUT THE WORK OF ALL OTHER TRADES ENGAGED IN THE PROJECT AND EXERCISE CARE TO PREVENT THE WORK OF ANY TRADE FROM INTERFERE WITH THE PROGRESS OF OTHER CONTRACTORS. THIS CONTRACTOR SHALL SCHEDULE WORK TO AVOID INTERFERENCE WITH THE PROGRESS OF OTHER CONTRACTORS. IN THE EVENT OF INTERFERENCE WITH THE WORK, COMPLETE COORDINATION OF ALL TRADES IS EXPECTED. EMPLOY A COMPETENT FOREMAN ON JOB THROUGHOUT THE ENTIRE PROJECT TO ENSURE THAT COORDINATION IS MAINTAINED. B. SCHEDULE AND COORDINATE THE WORK OF THIS DIVISION WITH THE AVOIDANCE OF UNNECESSARY DELAYS. C. EXAMINE FULLY THE DRAWINGS AND SPECIFICATIONS FOR OTHER CONTRACTORS' WORK AND COORDINATE THE INSTALLATION OF ALL MECHANICAL SYSTEM COMPONENTS WITH ALL OTHER TRADES, INCLUDING STRUCTURAL, COMPONENTS AND ELECTRICAL TRADES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF DUCTWORK, PIPING, SPRINKLERS, WALES AND VENTS, AN MECHANICAL EQUIPMENT ABOVE CEILING AND IN EQUIPMENT SPACES. D. REVIEW OF SHOP DRAWINGS SHALL NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR PROVIDING ALL CONTROLS, WIRING, COMPONENTS, ETC., WHICH ARE SHOWN OR SPECIFIED, OR ALL ADDITIONAL CONTROLS, WIRING, COMPONENTS, ETC. REQUIRED TO PROVIDE COMPLETE AND CORRECTLY OPERATING MECHANICAL SYSTEMS. E. IN CASES WHERE SUBSTITUTED EQUIPMENT HAS BEEN INSTALLED IN PLACE OF SPECIFIED EQUIPMENT THE CONTRACTOR SHALL BEAR THE ENTIRE COST OF ALL CHANGES OF ANY TYPE DUE TO THE SUBSTITUTION, EVEN THOUGH THE SHOP DRAWINGS HAVE BEEN REVIEWED BY THE ARCHITECT. F. SHOP DRAWINGS IN NO WAY RELIEVE THE CONTRACTOR FROM PERFORMING ON THE JOB AS TO THE INTENT OF THE CONSTRUCTION DOCUMENTS. 1.08 SUBSTITUTIONS A. THE ARCHITECT/ENGINEER SHALL BE THE SOLE AND FINAL JUDGE AS TO THE SUITABILITY OF ITEMS SUBSTITUTED FOR THOSE SPECIFIED. B. THE ENTIRE COST OF ALL CHANGES OF ANY TYPE DUE TO SUBSTITUTIONS FOR MATERIALS SPECIFIED SHALL BE BORNE BY THE CONTRACTOR AT NO EXTRA COST TO THE OWNER. C. UNLESS BY MATERIAL AND VOLUNTARY DEDUCTIONS ON THE PART OF THE CONTRACTOR FOR SUBSTITUTING UNAPPROVED EQUIPMENT, SHALL NOT BE CONSIDERED FOR THE PURPOSE OF AWARDING THE CONTRACT. D. WHEN THE DRAWINGS AND/OR SPECIFICATIONS REFER TO ANY ITEM, ARTICLE, MATERIAL, METHOD, FABRICATION, ASSEMBLY OR CONSTRUCTION BY MEANS OF ONE OR MORE MANUFACTURERS TRADE NAME, CATALOG REFERENCE OR SIMILAR MEANS OF IDENTIFICATION OF MANUFACTURER, THE CONTRACTOR SHALL FURNISH ONE OF THE NAMES SO IDENTIFIED WITHOUT SUBSTITUTING ANOTHER MAKE OR MAKE HAS BEEN APPROVED BY ADDENDUM TO THE CONTRACT DOCUMENTS PRIOR TO THE RECEIPT OF BIDS. REQUESTS FOR THE APPROVAL OF ITEMS OF EQUAL QUALITY ARE REQUESTED OF THIS MAKE IN WRITING TO THE ARCHITECT/ENGINEER FIVE DAYS PRIOR TO THE DATE OF THE RECEIPT OF BIDS SO THAT A LIST OF ACCEPTABLE ALTERNATES CAN BE MADE KNOWN TO ALL BIDDERS BY AN ADDENDUM. IF SUBSTITUTION FOR NAMES ITEMS, ARTICLES, MATERIALS, METHODS, FABRICATIONS, ASSEMBLY OR CONSTRUCTION HAS BEEN APPROVED, THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR COORDINATION AND PERFORMING THE RELATED CHANGES IN THE WORK NECESSITATED BY SUCH SUBSTITUTIONS AND SHALL INCLUDE IN HIS BID ALL COSTS INCURRED THEREBY. 1.09 SHOP DRAWING REVIEW A. SHOP DRAWINGS WILL BE REVIEWED ONLY TO EXTENT OF INFORMATION INDICATED. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND SPECIFICATIONS (IF APPLICABLE). IF CLARIFICATION IS REQUIRED AFTER THE CONTRACT IS AWARDED, SUCH CLARIFICATION WILL BE MADE BY THE ARCHITECT/ENGINEER AND A DECISION MUST BE MADE BY THE ARCHITECT/ENGINEER. COORDINATE THE INSTALLATION OF ALL MECHANICAL SYSTEM COMPONENTS WITH ALL OTHER TRADES, INCLUDING STRUCTURAL, COMPONENTS AND ELECTRICAL TRADES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF DUCTWORK, PIPING, SPRINKLERS, WALES AND VENTS, AN MECHANICAL EQUIPMENT ABOVE CEILING AND IN EQUIPMENT SPACES. B. REVIEW OF SHOP DRAWINGS SHALL NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR PROVIDING ALL CONTROLS, WIRING, COMPONENTS, ETC., WHICH ARE SHOWN OR SPECIFIED, OR ALL ADDITIONAL CONTROLS, WIRING, COMPONENTS, ETC. REQUIRED TO PROVIDE COMPLETE AND CORRECTLY OPERATING MECHANICAL SYSTEMS. C. IN CASES WHERE SUBSTITUTED EQUIPMENT HAS BEEN INSTALLED IN PLACE OF SPECIFIED EQUIPMENT THE CONTRACTOR SHALL BEAR THE ENTIRE COST OF ALL CHANGES OF ANY TYPE DUE TO THE SUBSTITUTION, EVEN THOUGH THE SHOP DRAWINGS HAVE BEEN REVIEWED BY THE ARCHITECT. D. SHOP DRAWINGS IN NO WAY RELIEVE THE CONTRACTOR FROM PERFORMING ON THE JOB AS TO THE INTENT OF THE CONSTRUCTION DOCUMENTS. 1.10 CONNECTING NEW WORK TO EXISTING WORK A. CONNECT NEW WORK TO EXISTING WORK IN A NEAT WORKMANLIKE MANNER. IN EVERY CASE WHERE ANY PART OF THE EXISTING WORK MUST BE CUT TO INSTALL NEW WORK, OR IS DAMAGED, SAME MUST BE PATCHED AND REPAIRED IN A MANNER SATISFACTORY TO THE ARCHITECT. WHERE REPAIRS ARE REQUIRED, THE DESIGN AND PIPING SYSTEMS IS NECESSARY IN AREAS PROVIDING UNINTERRUPTIBLE SERVICES, SCHEDULE WORK DURING SACK PERIODS AND VAPOR BARRIER WORK AT A PERIOD WHICH WILL RESULT IN ADDITIONAL CONSTRUCTION COST, SUCH AS OVERTIME FOR WORK TO BE DONE AT NIGHT OR ON WEEKENDS, INCLUDE COST IN THE BID PROPOSAL. B. DO NOT CUT INTO EXISTING SERVICES WITHOUT FIRST INFORMING THE OWNERS REPRESENTATIVE AS TO THE TIME AND DURATION OF SHUTDOWN OF THE EXISTING SERVICES. C. PERFORM WORK THAT INTERRUPTS ANY SERVICE AT A TIME THAT WILL CAUSE LEAST INTERFERENCE TO THE OPERATION OF THE BUILDING. D. MAINTAIN ALL EXISTING SERVICES AND EQUIPMENT UNLESS INDICATED TO BE REMOVED. 1.11 ACCESS TO EQUIPMENT FOR MAINTENANCE A. INSTALL ALL EQUIPMENT, PIPING, ETC., TO PERMIT ACCESS FOR NORMAL MAINTENANCE. MAINTAIN READY ACCESS TO ALL MOTORS, DRIVES, COMPRESSORS, COILS, ETC. INSTALL ALL SUCH EQUIPMENT AND ACCESSORIES TO FACILITATE MAINTENANCE. PROVIDE ACCESS TO ALL EQUIPMENT AND ACCESSORIES REQUIRED TO PERMIT ACCESS AT REQUEST OF ARCHITECT/ENGINEER AT NO ADDITIONAL COST TO OWNER. 1.12 FIRE AND SMOKE STOPPAGE A. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO MAINTAINED AND FIRE AND SMOKE INTENSITY OF ALL WALLS, CEILING, FLOORS, ETC., THROUGH WHICH THIS WORK PASSES THROUGH OR INTO. FIRE AND SMOKE BARRIERS SHALL BE PROVIDED (HANG AROUND AS REQUIRED) TO MAINTAIN THE FIRE AND SMOKE STOPPAGE DESIGN OR MATERIAL, AND TO REPLACE AND MAKE GOOD, WITHOUT COST TO THE OWNER, ANY SUCH FAULTY PARTS OR CONSTRUCTION WHICH DEVELOP DEFECTS AT ANY TIME WITHIN ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION, THE DATE OF SUBSTANTIAL COMPLETION SHALL BE AS DEFINED IN THE CONTRACT DOCUMENTS. ANY REPAIRS OR REPLACEMENT REQUIRED ON ACCOUNT OF DEFECTS, AS OUTLINED IN THIS PARAGRAPH SHALL BE MADE PROMPTLY UPON WRITTEN NOTICE FROM THE ARCHITECT. B. NATURAL WEAR, ACCIDENT, OR CARELESSNESS ON THE PART OF OTHERS, HOWEVER, SHALL NOT BE MADE GOOD BY THE CONTRACTOR.																	
C	SECTION 22 0501 / 23 0501 CLOSEOUT SUBMITTALS FOR PLUMBING AND MECHANICAL PART 1 GENERAL 1.01 SECTION INCLUDES A. PROJECT RECORD DOCUMENTS. B. OPERATION AND MAINTENANCE DATA. 1.02 SUBMITTALS A. PROJECT RECORD DOCUMENTS. SUBMIT DOCUMENTS TO ENGINEER. B. OPERATION AND MAINTENANCE MANUAL, PER 3.01-3.04. PART 2 PRODUCTS - NOT USED PART 3 EXECUTION 3.01 PROJECT RECORD DOCUMENTS A. MAINTAIN ON SITE ONE SET OF THE FOLLOWING RECORD DOCUMENTS, RECORD ACTUAL REVISIONS TO THE WORK: 1. DRAWINGS. 2. ADDENDA. 3. CHANGE ORDERS AND OTHER MODIFICATIONS TO THE CONTRACT. B. ENSURE ENTRIES ARE COMPLETE AND ACCURATE, ENABLING FUTURE REFERENCE BY OWNER. C. STORE RECORD DOCUMENTS SEPARATE FROM DOCUMENTS USED FOR CONSTRUCTION. D. RECORD INFORMATION CONCURRENT WITH CONSTRUCTION PROGRESS. E. RECORD DRAWINGS: LEGIBLY MARK EACH ITEM TO RECORD ACTUAL CONSTRUCTION INCLUDING FIELD CHANGES OF DIMENSION AND DETAIL. 3.02 OPERATION AND MAINTENANCE DATA A. FOR EACH PRODUCT OR SYSTEM, LIST NAMES, ADDRESSES AND TELEPHONE NUMBERS OF SUBCONTRACTORS AND SUPPLIERS, INCLUDING LOCAL SOURCES OF SUPPLIES AND REPLACEMENT PARTS. B. PRODUCT DATA: MARK EACH SHEET TO CLEARLY IDENTIFY SPECIFIC PRODUCTS AND COMPONENT PARTS, AND DATA APPLICABLE TO INSTALLATION. DELETE INAPPLICABLE INFORMATION. C. DRAWINGS: SUPPLEMENT PRODUCT DATA TO ILLUSTRATE RELATIONS OF COMPONENT PARTS OF EQUIPMENT AND SYSTEMS, TO SHOW CONTROL, AND FLOW DIAGRAMS. DO NOT USE PROJECT RECORD DOCUMENTS AS MAINTENANCE DRAWINGS.																	
D	SECTION 22 0719 PLUMBING PIPING INSULATION PART 1 GENERAL 1.01 SECTION INCLUDES A. PIPING INSULATION. B. JACKETS AND ACCESSORIES. 1.02 QUALITY ASSURANCE A. APPLICATOR QUALIFICATIONS: COMPANY SPECIALIZING IN PERFORMING THE TYPE OF WORK SPECIFIED IN THIS SECTION WITH MINIMUM FIVE YEARS OF EXPERIENCE. 1.03 DELIVERY, STORAGE, AND HANDLING A. ACCEPT MATERIALS ON SITE, LABELED WITH MANUFACTURER'S IDENTIFICATION, PRODUCT IDENTIFY, AND THICKNESS. 1.04 FIELD CONDITIONS A. MAINTAIN AMBIENT CONDITIONS REQUIRED BY MANUFACTURERS OF EACH PRODUCT. B. MAINTAIN TEMPERATURE BEFORE, DURING, AND AFTER INSTALLATION FOR MINIMUM OF 24 HOURS. PART 2 PRODUCTS 2.01 REQUIREMENTS FOR ALL PRODUCTS OF THIS SECTION A. SURFACE BURNING CHARACTERISTICS: FLAME SPREAD/RATE DEVELOPED INDEX (OF 250); MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM E84, NFPA 255, OR UL 723. 2.02 GLASS FIBER A. MANUFACTURERS: 1) KNAUF INSULATION 2) JOHNS MANVILLE CORPORATION 3) OWENS CORNING CORP. 4) CERTANTED CORP. B. INSULATION: ASTM C547 AND ASTM C776; SEMI-RIGID, NONCOMBUSTIBLE, END GRASS ADHESIVE TO JACKET. 1. "K" VALUE: ASTM C177, 0.24 AT 75° F. 2. MAXIMUM SERVICE TEMPERATURE: 600° F. 3. MAXIMUM MOISTURE ABSORPTION: 0.2 PERCENT BY VOLUME. 4. VAPOR BARRIER JACKET: WHITE KRAFT PAPER WITH GLASS FIBER YARN, BONDED TO INSULATION, MOISTURE VAPOR TRANSMISSION RATE (MVT) SHALL BE IN ACCORDANCE WITH ASTM E96/95M OF 0.02 PERM INCHES. 5. VAPOR BARRIER ADHESIVE: 1. MINIMUM SERVICE TEMPERATURE: 0° F. 2. COMPATIBLE WITH INSULATION. 3. CONNECTIONS: BRUSH ON WELDING ADHESIVE. 2.03 FLEXIBLE ELASTOMERIC CELLULAR INSULATION A. MANUFACTURERS: 1) ARMACELL LLC 2) RUBATEX CORP. B. INSULATION: PREFORMED FLEXIBLE ELASTOMERIC CELLULAR RUBBER INSULATION, COMPLYING WITH ASTM C534/C534M GRADE 3, USE MOLDED TUBULAR MATERIAL, WHEREVER POSSIBLE. C. MINIMUM SERVICE TEMPERATURE: -40° F. D. MAXIMUM SERVICE TEMPERATURE: 220° F. E. CONNECTION: WATERPROOF VAPOR BARRIER ADHESIVE. F. ELASTOMERIC FOAM ADHESIVE: AIR DRIED, CONTACT ADHESIVE, COMPATIBLE WITH INSULATION. 2.04 JACKET A. PVC/PVC. 1. MANUFACTURERS: 1) JOHNS MANVILLE CORPORATION 2) PROFIT CORP.: MODEL 1000. 2. JACKET: ONE PIECE MOLDED TYPE FITTING COVERS AND SHEET MATERIAL, WHEREVER POSSIBLE. 3. MINIMUM SERVICE TEMPERATURE: 0° F. 4. MAXIMUM SERVICE TEMPERATURE: 150° F. 5. MOISTURE VAPOR PERMEABILITY: 0.02 PERM INCH, MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM E96/95M. 6. THICKNESS: 10 MIL. 7. CONNECTIONS: BRUSH ON WELDING ADHESIVE. PART 3 EXECUTION 3.01 EXAMINATION A. VERIFY THAT PIPING HAS BEEN TESTED BEFORE APPLYING INSULATION MATERIALS. B. VERIFY THAT FITTINGS ARE CLEAN AND DRY, WITH FOREIGN MATERIAL REMOVED. 3.02 INSTALLATION A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. B. INSULATE PIPES CONVEYING FLUIDS BELOW AMBIENT TEMPERATURE. INSULATE ENTIRE SYSTEM INCLUDING FITTINGS, VALVES, UNIONS, FLANGES, STRAINERS, FLEXIBLE CONNECTIONS, PUMP BODIES, AND EXPANSION JOINTS. C. GLASS FIBER INSULATED PIPES CONVEYING FLUIDS ABOVE AMBIENT TEMPERATURE: 1. PROVIDE VAPOR BARRIER JACKET, FACTORY-APPLIED OR FIELD-APPLIED, SECURE WITH SELF-SEALING OR OUTWARD CLINCH EXPANDING STAPLES, PRESSURE SENSITIVE ADHESIVE, SECURE WITH OUTWARD CLINCH EXPANDING STAPLES AND VAPOR BARRIER MASTIC. 2. INSULATE FITTINGS, JOINTS, AND VALVES WITH MOLDED INSULATION OF LIKE MATERIAL AND THICKNESS AS ADJACENT PIPE. FINISH WITH GLASS CLOTH AND VAPOR BARRIER ADHESIVE OR PVC/VAPOR BARRIER MASTIC. D. FOR HOT PIPING CONVEYING FLUIDS OVER 140° F, INSULATE FLANGES AND UNIONS AT EQUIPMENT. E. GLASS FIBER INSULATED PIPES CONVEYING FLUIDS ABOVE AMBIENT TEMPERATURE: 1. PROVIDE STANDARD JACKETS, WITH OR WITHOUT VAPOR BARRIER. 2. FACTORY-APPLIED OR FIELD-APPLIED, SECURE WITH SELF-SEALING STAPLES, LONGITUDINAL JOINTS AND BUTT STRIPS WITH PRESSURE SENSITIVE ADHESIVE. 3. INSULATE FITTINGS, JOINTS, AND VALVES WITH INSULATION OF LIKE MATERIAL, AND THICKNESS AS ADJOINING FINISH WITH GLASS CLOTH AND VAPOR BARRIER ADHESIVE OR PVC FITTING COVERS. F. INSERTS AND SHIELDS: 1. APPLICATION: PIPING 1-1/2 INCHES DIAMETER OR LARGER. 2. SHIELDS: GALVANIZED STEEL BETWEEN PIPE HANGERS OR PIPE HANGER ROLLS AND INSERTS. 3. INSERT LOCATION: BETWEEN SUPPORT DISC AND PIPING AND UNDER THE FINISH JACKET. 4. INSERT CONFIGURATION: MINIMUM 6 INCHES LONG, OF SAME THICKNESS AND CONTIGUOUS ADJOINING INSULATION, MAY BE FACTORY FABRICATED. 5. INSULATE MATERIAL: HYDROUS CALCIUM SILICATE INSULATION, 1/2 INCH HEAVY DENSITY INSULATING MATERIAL, SUITABLE FOR THE PLANNED TEMPERATURE RANGE. G. CONTINUE INSULATION THROUGH WALLS, SLEEVES, PIPE HANGERS, AND OTHER PIPE PENETRATIONS. FINISH AT SUPPORTS, PROTRUSIONS, AND INTERRUPTIONS. H. INSULATE ROOMS OR MECHANICAL EQUIPMENT ROOMS, STORAGE AREAS, OR FINISHED SPACES LESS THAN 10 FEET ABOVE FINISHED FLOOR; FINISH WITH PVC JACKET AND FITTING COVERS. I. EXTERIOR APPLICATIONS: PROVIDE VAPOR BARRIER JACKET. INSULATE FITTINGS, JOINTS, AND VALVES WITH INSULATION OF LIKE MATERIAL, AND THICKNESS AS ADJOINING PIPE, AND FINISH WITH GLASS FIBER REINFORCED VAPOR BARRIER CEMENT, COVER WITH ALUMINUM JACKET WITH SEAMS LOCATED ON BOTTOM SIDE OF HORIZONTAL PIPING. 3.03 SCHEDULES A. PLUMBING SYSTEMS: 1. DOMESTIC HOT WATER SUPPLY AND HOT WATER RECIRCULATION: a. GLASS FIBER INSULATION. 1) PIPE SIZE RANGE: UP TO 1-1/2", 1-1/2 INCH THICKNESS. 2) PIPE SIZE RANGE: 2" AND OVER, 2 INCH THICKNESS. 2. DOMESTIC COLD WATER SUPPLY ABOVE GRADE: a. GLASS FIBER INSULATION. 1) PIPE SIZE RANGE: ALL SIZES, 1/2 INCH THICKNESS. 3. ROOF DRAINAGE ABOVE GRADE WHERE INTERIOR: a. GLASS FIBER INSULATION. 1) PIPE SIZE RANGE: ALL SIZES, 1/2 INCH THICKNESS. B. HEATING SYSTEMS: <																	

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AGENCY APPROVAL

ALLEY POYNER
MACCHIETTO
ARCHITECTURE
NE Certificate of Authorization: CA-0433

REVISION DATE
Project Number: 24077
Date: 09.03.2025

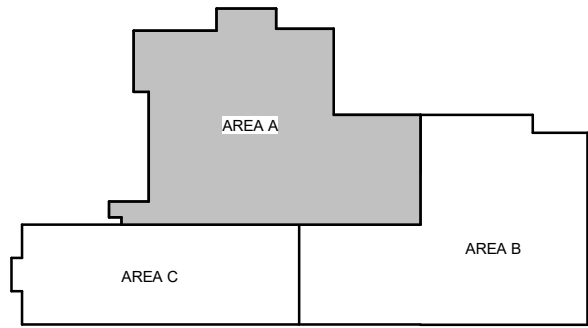
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MECHANICAL
SPECIFICATIONS

M6.3

ROCSD Inman
Elementary
Remodel

900 Inman Drive
Red Oak, IA 51566



AGENCY APPROVAL

ALLEY POYNER
MACCHIETTO
ARCHITECTURE
NE Certificate of Authorization: CA-0433

REVISION	DATE
Project Number:	24077
Date:	09.03.2025
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ELECTRICAL DEMOLITION
PLAN - AREA A

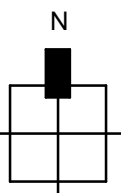
ED1.1

SHEET NOTES

- REMOVE AND RELOCATE EXISTING GENERATOR ANNUNCIATOR PANEL. SEE SHEET E FOR NEW LOCATION.
- REMOVE AND PROTECT EXISTING LIGHT FIXTURES FOR REINSTALLATION. SEE SHEET E1.1.
- REMOVE EXISTING FIRE ALARM SYSTEM IN ITS ENTIRETY INCLUDING ALL WIRING, DEVICES AND EQUIPMENT CABINETS. EXISTING BOXES AND CONDUIT MAY BE REUSED WHERE AVAILABLE.
- REMOVE OLD ABANDONED PAGING SYSTEM RACK AND ASSOCIATED HARDWARE.
- DISCONNECT DOOR OPERATORS, EXTEND CIRCUIT TO NEW DOORS. SEE SHEET E2.1 (TYPICAL).
- DISCONNECT ACCESS CONTROLLED DOOR AND REMOVE WIRING BACK TO AN ACCESSIBLE LOCATION. EXISTING CABLING CAN BE RE-USED FOR NEW DOOR AS AVAILABLE.
- REMOVE DEVICES AND PROTECT THROUGHOUT CONSTRUCTION. RE-INSTALL IN NEW LOCATION. SEE SHEET E3.1. REMOVE EXPOSED CONDUIT AND BOXES ON EXTERIOR WALL.
- REMOVE ELECTRICAL CIRCUIT FOR EXISTING CABINET UNIT HEATER BACK TO ITS SOURCE OF POWER.
- REMOVE AND REPLACE EXISTING BURGE PROTECTION DEVICE (SPD). EXISTING CONDUIT TO BE REUSED. SEE SHEET E2.1.

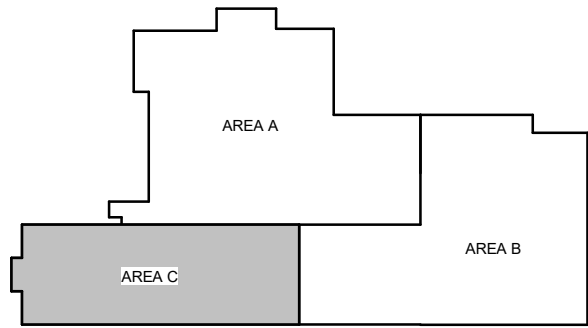


P1 ELECTRICAL DEMOLITION PLAN - AREA A
ED1.1 SCALE: 1/8" = 1'-0"



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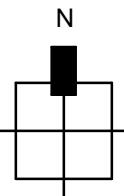
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ELECTRICAL DEMOLITION
PLAN - AREA B

ED1.2

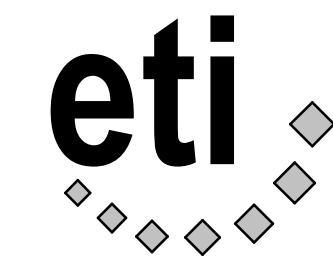
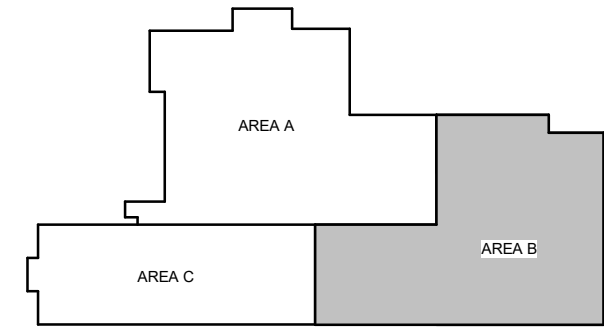
SHEET NOTES

P1 ELECTRICAL DEMOLITION PLAN - AREA B
ED1.2 SCALE: 1/8" = 1'-0"



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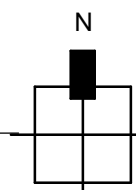
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ELECTRICAL DEMOLITION
PLAN - AREA C

ED1.3

SHEET NOTES

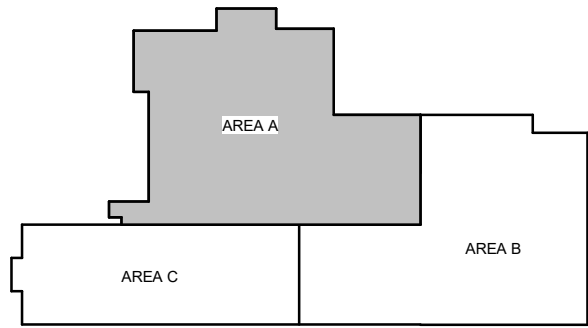
P1 ELECTRICAL DEMOLITION PLAN - AREA C
ED1.3 SCALE: 1/8" = 1'-0"



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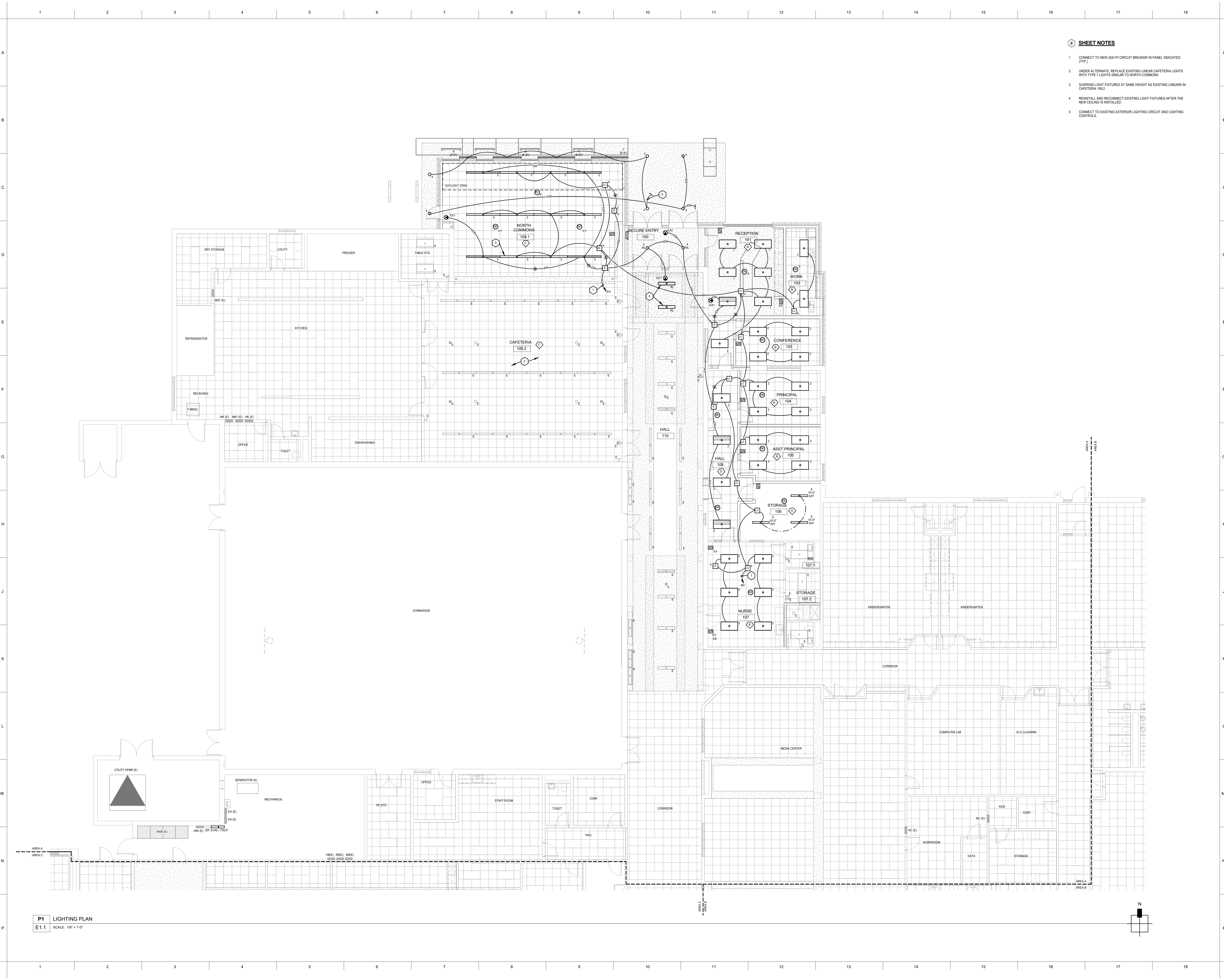
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LIGHTING PLAN - AREA A

E1.1

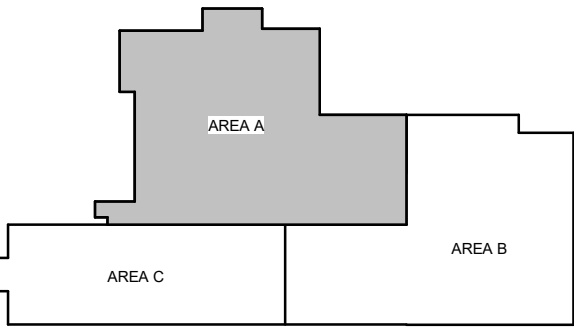
SHEET NOTES

- CONNECT TO NEW 20A/1P CIRCUIT BREAKER IN PANEL INDICATED (TYP.)
- UNDER ALTERNATE, REPLACE EXISTING LINEAR CAFETERIA LIGHTS WITH TYPE 7 LIGHTS SIMILAR TO NORTH COMMONS
- SUSPEND LIGHT FIXTURES AT SAME HEIGHT AS EXISTING LINEARS IN CAFETERIA 109.2
- REINSTALL AND RECONNECT EXISTING LIGHT FIXTURES AFTER THE NEW CEILING IS INSTALLED
- CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT AND LIGHTING CONTROLS



P1 LIGHTING PLAN
E1.1 SCALE: 1/8" = 1'-0"

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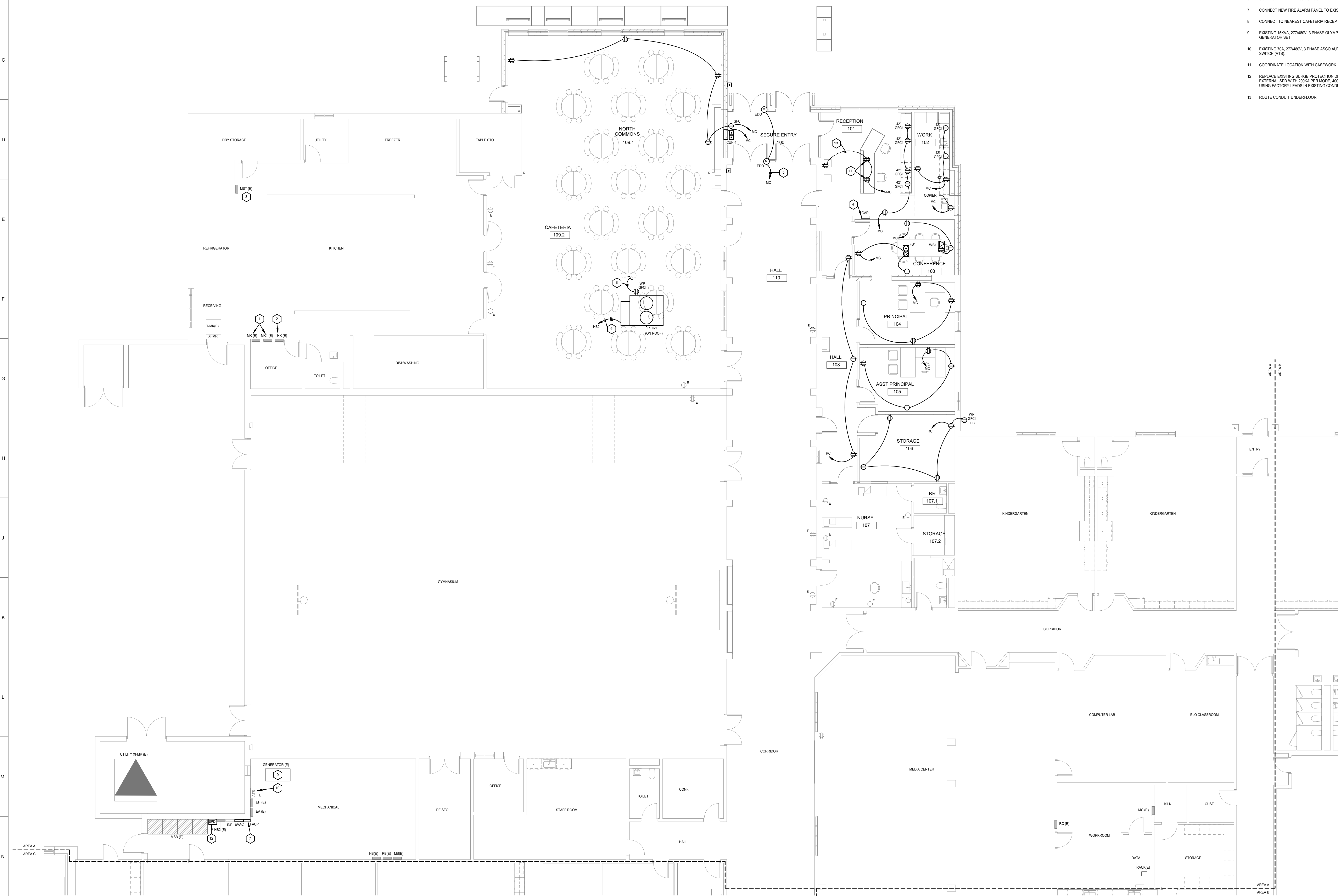
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POWER PLAN - AREA A

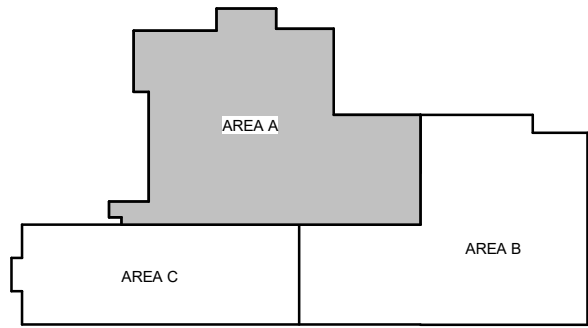
E2.1



P1	POWER PLAN - AREA A
E2.1	SCALE: 1/8" = 1'-0"

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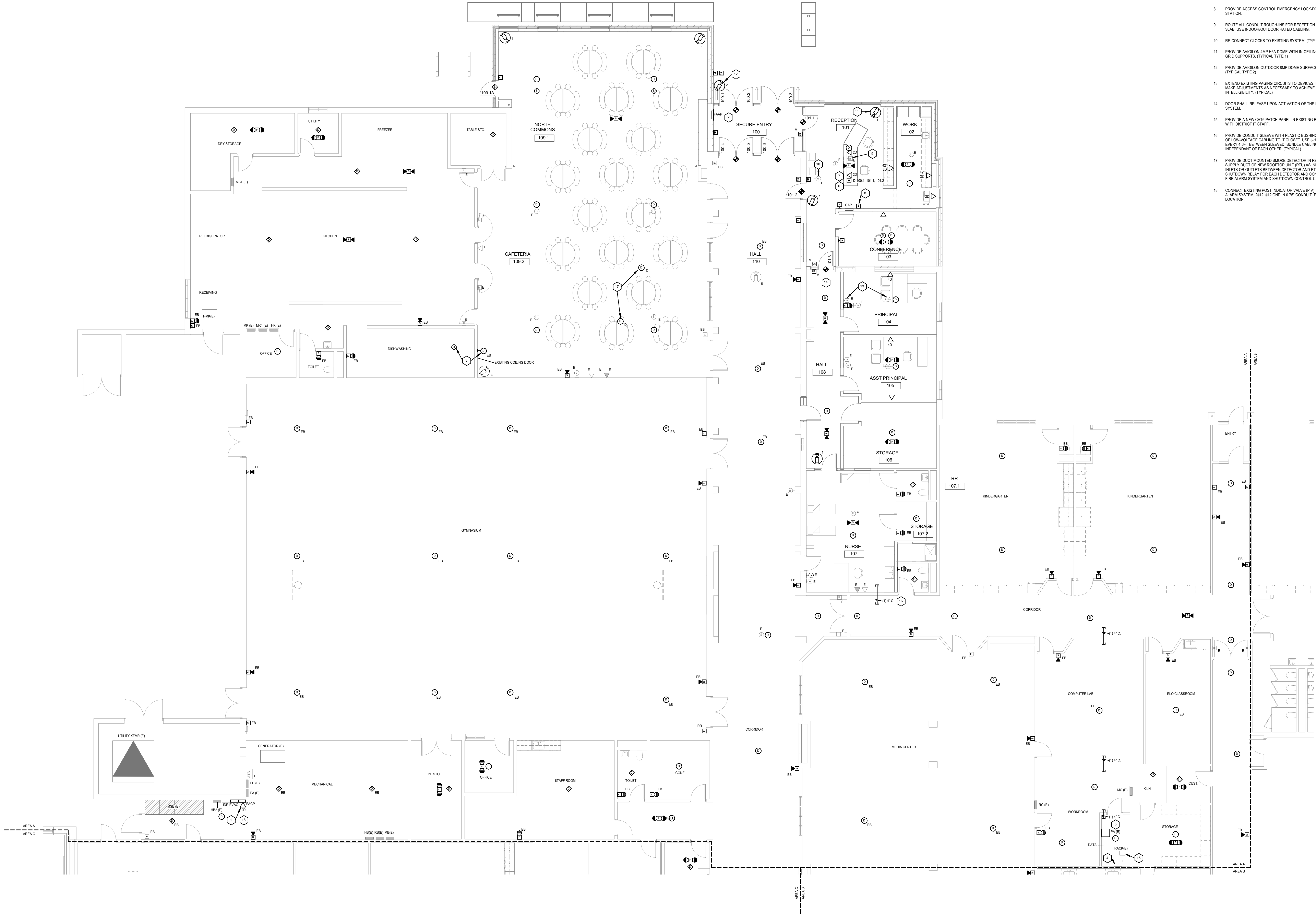
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TECHNOLOGY PLAN - AREA A

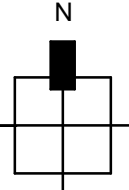
E3.1

SHEET NOTES

1. PROVIDE TWO (2) CAT5 CABLES TO BUILDING DEMARC FOR EMERGENCY FORCES NOTIFICATION.
2. FLUSH MOUNT PANEL AT 54" AFF. TO CENTER.
3. PROVIDE AUXILIARY CONTACT AND CONNECT TO EXISTING COILING DOOR.
4. EXISTING ACCESS CONTROL PANEL, LIFE SAFETY. PROVIDE ADDITIONAL CONTROLLERS AND POWER SUPPLIES AS REQUIRED.
5. EXISTING PAGING SYSTEM HEADEND, CARESHAWK, MAINTAINED BY ELECTRONIC CONTRACTING COMPANY. PROVIDE EXTENSION OF EXISTING SYSTEM AND PROGRAM AS DIRECTED BY THE OWNER.
6. RE-INSTALL EXISTING VIDEO INTERCOM CONTROL STATION.
7. PROVIDE INDIVIDUAL PUSH BUTTONS, LABELED FOR EACH DOOR.
8. PROVIDE ACCESS CONTROL EMERGENCY LOCK-DOWN PULL STATION.
9. ROUTE ALL CONDUIT ROUGH-INS FOR RECEPTION CABLING UNDER S.S.A. USE INDOOR/OUTDOOR RATED CABLING.
10. RE-CONNECT CLOCKS TO EXISTING SYSTEM (TYPICAL).
11. PROVIDE AVIGILON AMP H&A DOME WITH INCEILING MOUNT AND GRID SUPPORTS (TYPICAL TYPE 1).
12. PROVIDE AVIGILON OUTDOOR BMP DOME SURFACE MOUNTED (TYPICAL TYPE 2).
13. EXTEND EXISTING PAGING CIRCUITS TO DEVICES, FIELD TEST AND MAKE ADJUSTMENTS AS NECESSARY TO ACHIEVE PROPER INTELLIGIBILITY (TYPICAL).
14. DOOR SHALL RELEASE UPON ACTIVATION OF THE FIRE ALARM SYSTEM.
15. PROVIDE A NEW CAT5 PATCH PANEL IN EXISTING RACK. COORDINATE WITH DISTRICT IT STAFF.
16. PROVIDE CONDUIT SLEEVE WITH PLASTIC BUSHINGS FOR ROUTING OF LOW-VOLTAGE CABLING TO IT CLOSET. USE J-HOOKS SPACED EVERY 4-FEET BETWEEN SLEEVED BUNDLE CABLE SYSTEMS INDEPENDANT OF EACH OTHER (TYPICAL).
17. PROVIDE DUCT MOUNTED SMOKE DETECTOR IN RETURN AND SUPPLY DUCT OF NEW ROOFTOP UNIT (RTU) AS INDICATED WITH NO INLETS OR OUTLETS BETWEEN DETECTOR AND RTU. PROVIDE A SHUTDOWN RELAY FOR EACH DETECTOR AND CONNECT TO THE FIRE ALARM SYSTEM AND SHUTDOWN CONTROL CIRCUIT OF RTU.
18. CONNECT EXISTING POST INDICATOR VALVE (PIV) TO NEW FIRE ALARM SYSTEM, 2#12, #12 GND IN 0.75" CONDUIT. FIELD VERIFY LOCATION.

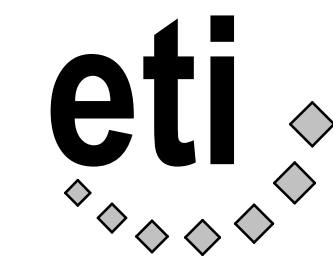
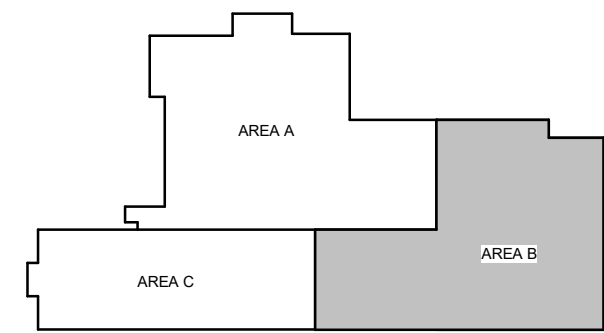


P1 TECHNOLOGY PLAN - AREA A
E3.1 SCALE: 1/8" = 1'-0"



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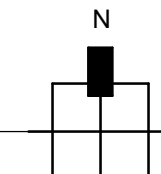
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TECHNOLOGY PLAN - AREA B

E3.2

SHEET NOTES

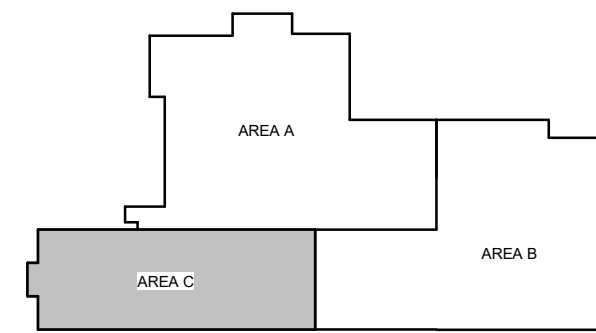
1. PROVIDE DUCT MOUNTED SMOKE DETECTOR IN RETURN AND SUPPLY DUCT OF EXISTING AIR HANDLING UNIT (AHU) AS INDICATED WITH NO INLETS OR OUTLETS BETWEEN DETECTOR AND AHU. PROVIDE A SHUTDOWN RELAY FOR EACH DETECTOR AND CONNECT TO THE FIRE ALARM SYSTEM AND SHUTDOWN CONTROL CIRCUIT OF AHU.



P1 TECHNOLOGY PLAN - AREA B
E3.2 SCALE: 1/8" = 1'-0"

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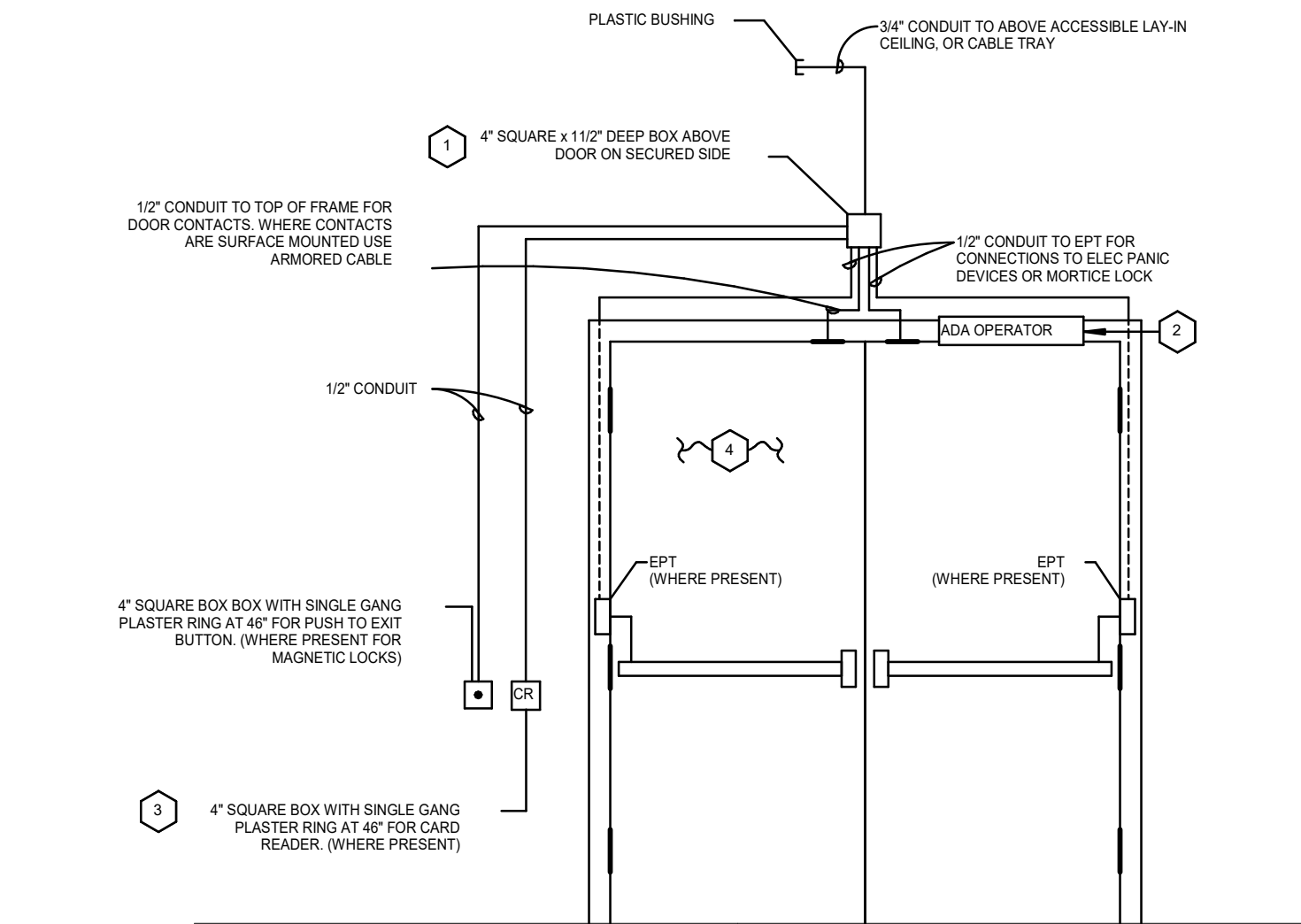
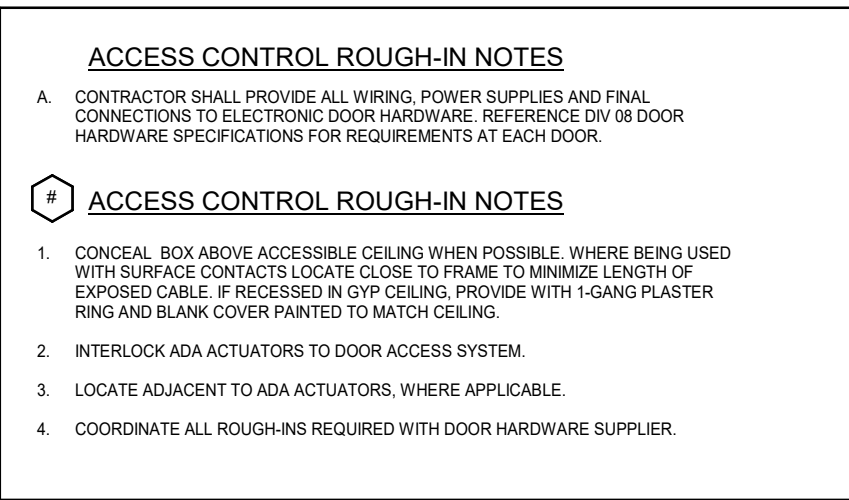
TECHNOLOGY PLAN - AREA
C

E3.3

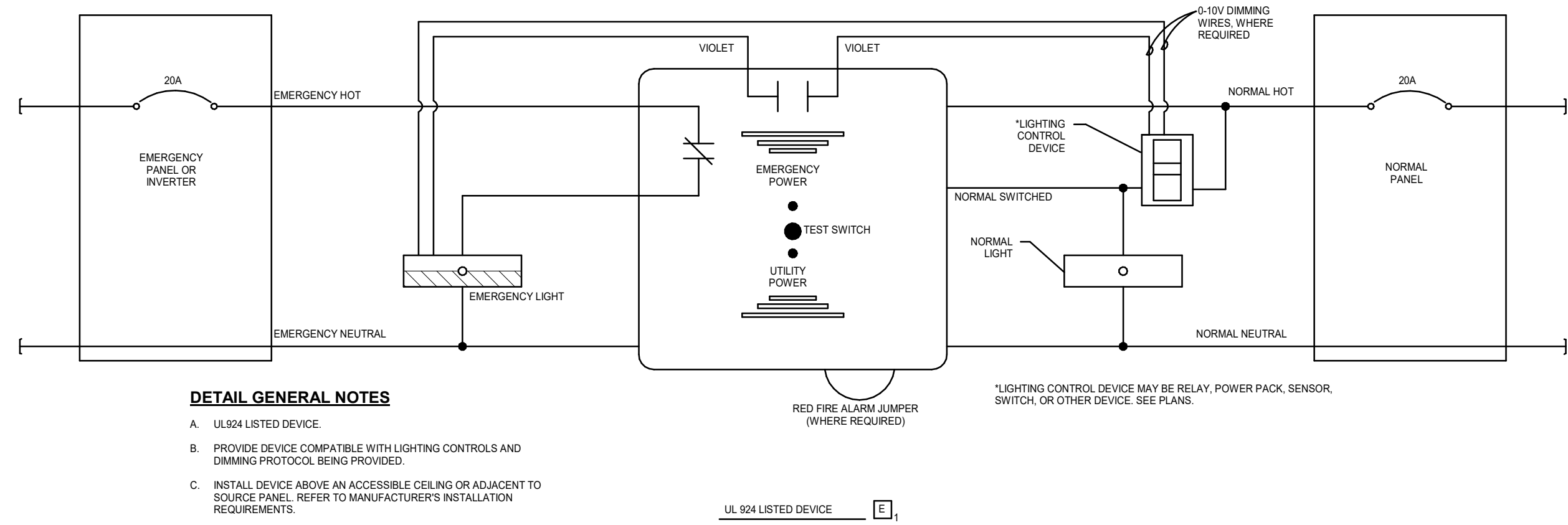
SHEET NOTES

P1 TECHNOLOGY PLAN - AREA C
E3.3 SCALE: 1/8" = 1'-0"

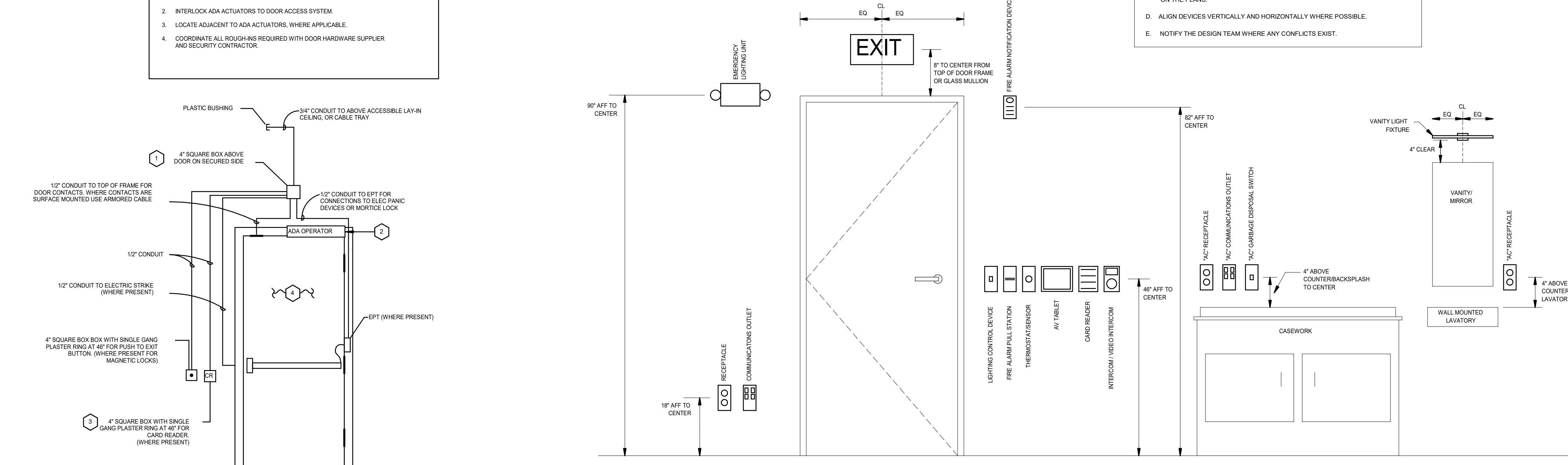
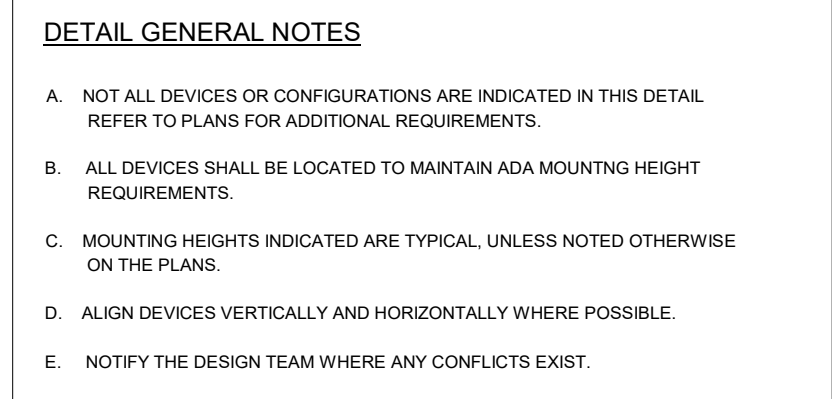
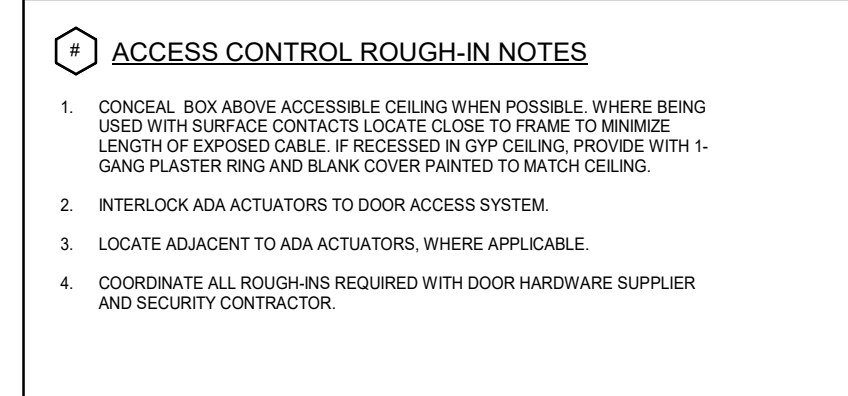
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J6 ACCESS CONTROL DOUBLE DOOR ROUGH-IN DETAIL
E4.1 SCALE: N.T.S.

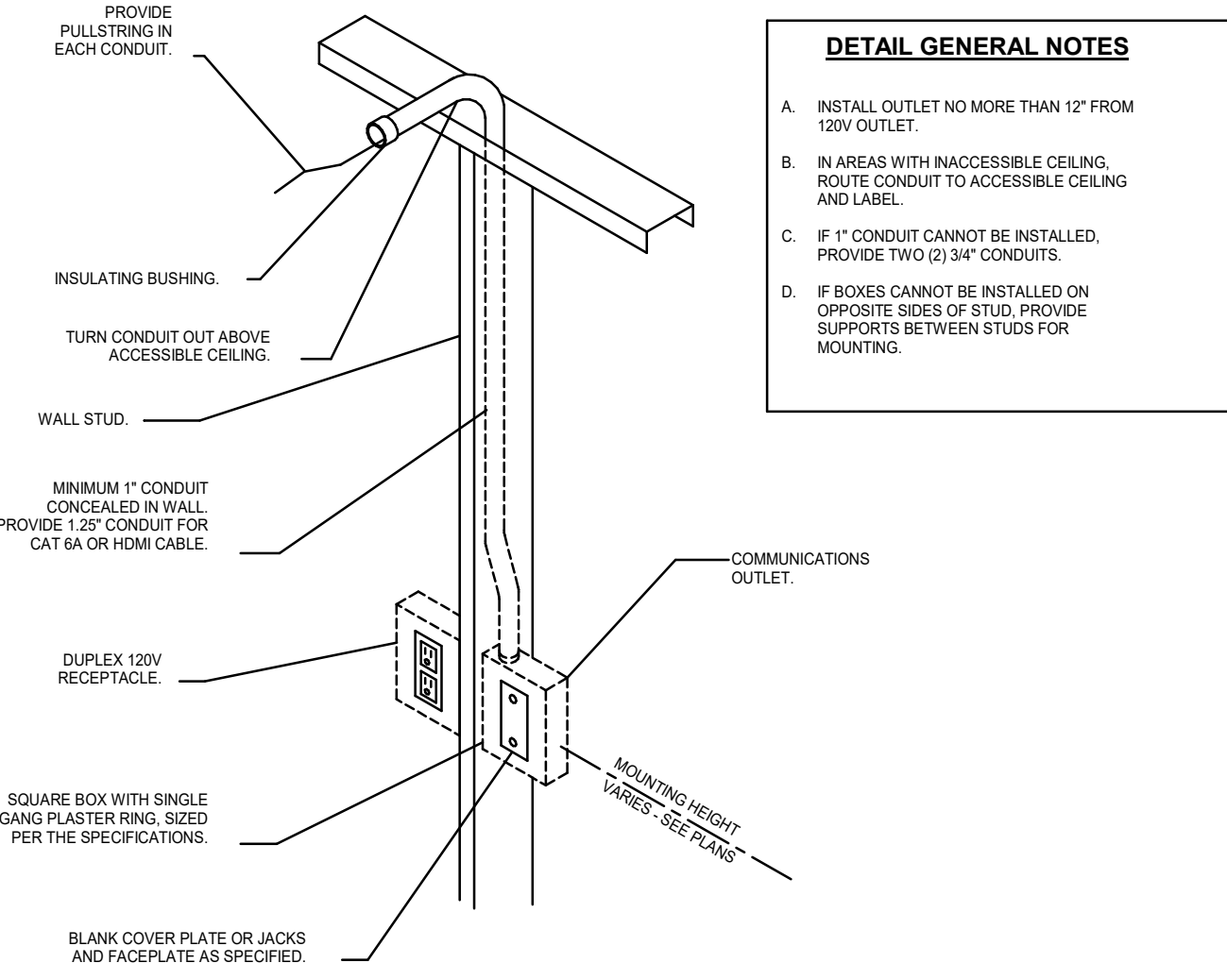


J11 EMERGENCY LIGHTING RELAY DETAIL
E4.1 SCALE: N.T.S.



P1 ACCESS CONTROL SINGLE DOOR ROUGH-IN DETAIL
E4.1 SCALE: N.T.S.

P5 TYPICAL DEVICE ALIGNMENT DETAIL
E4.1 SCALE: N.T.S.



P13 COMMUNICATIONS OUTLET ROUGH-IN DETAIL
E4.1 SCALE: N.T.S.

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EQUIPMENT CONNECTION SCHEDULE										
MARK	DESCRIPTION	KW	HP	VOLTS	PHASE	WIRING	DISCONNECT SWITCH	MOTOR STARTER	CONNECTION	NOTES
CUH-1	CABINET UNIT HEATER	-	F	120	1Ø	2#12 & #12 GND 0.75 CONDUIT	INTEGRAL	-	DIRECT	-
RTU-1	ROOFTOP UNIT	-	-	480	3Ø	3#8 & #10 GND 0.75 CONDUIT	60A FUSED NEMA 3R	-	DIRECT	-
GENERAL NOTES: A. LOW VOLTAGE HVAC CONTROL WIRING SHALL BE BY THE MECHANICAL CONTRACTOR UNLESS OTHERWISE NOTED. B. EXHAUST FANS ARE FURNISHED WITH AN INTEGRAL DISCONNECTING MEANS, UNLESS NOTED OTHERWISE.										

LIGHT FIXTURE SCHEDULE										
GENERAL NOTES: A. MOUNTING HEIGHT IS TO BOTTOM OF LIGHT FIXTURE, UNLESS OTHERWISE NOTED. NOTES: 1. PROVIDE OVERSIZED BACKBOX TO ACCOMMODATE FIXTURE.										
TYPE	DESCRIPTION	LAMP	COLOR TEMP.	LUMENS	WATTS	MOUNTING	MANUFACTURER	CATALOG NUMBER	ACCEPTABLE MANUFACTURERS	NOTES
1	2X4 TROFFER LOW OUTPUT, 0-10V DIMMING TO 10%, SMOOTH ACRYLIC LENS, 277 VOLT	LED	3500K	3000	23	RECESSED	LITHONIA	ZBLT4-30L-ADSM-G2-10-LP835-DGA22	METALUX, COLUMBIA	-
2	2X4 TROFFER LOW OUTPUT, 0-10V DIMMING TO 10%, SMOOTH ACRYLIC LENS, 277 VOLT	LED	3500K	3000	23	RECESSED	LITHONIA	ZBLT4-30L-ADSM-G2-10-LP835	METALUX, COLUMBIA	-
3	2X4 TROFFER HIGH OUTPUT, 0-10V DIMMING TO 10%, SMOOTH ACRYLIC LENS, 277 VOLT	LED	3500K	4000	31	RECESSED	LITHONIA	ZBLT4-40L-ADSM-G2-10-LP835	METALUX, COLUMBIA	-
4	6INCH ROUND DOWNLIGHT, WHITE FINISH, 0-10V DIMMING TO 10%, 277 VOLT	LED	3500K	1000	11	RECESSED	LITHONIA	LDN6-3510-L06-WR	PRESCOLITE HALO COMMERCIAL	-
5	8FT LINEAR DIRECT/INDIRECT, 0-10V DIMMING TO 10%, WHITE FINISH, 277 VOLT	LED	3000K	7200	56	SUSPENDED	PRUDENTIAL	WV2PRO-LED-35-80-LO-B-TMW-03-SAL-SCW-SC-UNV-CA48-X1-DM01	-	-
6	4FT LINEAR, 5 DEGREE GRAZE OPTIC, IP65 RATED, FINISH SELECTED BY ARCHITECT	LED	3000K	1600	20	RECESSED	SELLUX	PT-1020-830-A5-04-BL-U-DM	-	-
7	8FT LINEAR, 5 DEGREE GRAZE OPTIC, IP65 RATED, FINISH SELECTED BY ARCHITECT	LED	3000K	3200	40	RECESSED	SELLUX	PT-1020-830-A5-08-BL-U-DM	-	-
8	16FT LINEAR, 5 DEGREE GRAZE OPTIC, IP65 RATED, FINISH SELECTED BY ARCHITECT	LED	3000K	6400	80	RECESSED	SELLUX	PT-1020-830-A5-16-BL-U-DM	-	-
9	4FT SUSPENDED INDUSTRIAL STRIP, WHITE FINISH, AIRCRAFT CABLE KIT, 277 VOLT	LED	3500K	4000	20	SUSPENDED	LITHONIA	CLX-L48-4000LM-SEF-RDL-MVOLT-G210-35K-80CRI-WH-ZACVH M100	METALUX, COLUMBIA	-
EX1	SINGLE SIDED EXIT SIGN, DIE-CAST ALUMINUM, WHITE FINISH, 277 VOLT	LED	-	-	-	TOP OR BACK	LITHONIA	LE-S-W-1-R	METALUX, COLUMBIA	-
EX2	EDGE-LIT SINGLE FACE EXIT LIGHT WITH RED LETTERING ON CLEAR BACKGROUND, 277 VOLT	LED	-	-	-	RECESSED	LITHONIA	EDG-W-1-R	SURE LITES, DUAL-LITE	1

LIGHTING CONTROL SCHEDULE										
GENERAL NOTES: A. WHERE A LOW VOLTAGE SWITCH IS INDICATED ON THE PLANS WITH NO SUBSCRIPT, PROVIDE A 2-BUTTON ON/OFF SWITCH TO CONTROL ALL LIGHTING IN A SPACE. WHERE SUBSCRIPTS ARE INDICATED ON A LOW VOLTAGE SWITCH, PROVIDE SEPARATE ON/OFF BUTTONS FOR EACH SUBSCRIPT (LIGHTING ZONE). B. WHERE DIMMING AND LOCAL ON/OFF IS INDICATED FOR A SPACE, PROVIDE LOW VOLTAGE SWITCH WITH SEPARATE RAISE AND LOWER BUTTONS FOR EACH ZONE INDICATED ON THE LOW VOLTAGE SWITCH. C. WHERE DIMMING IS INDICATED, PROVIDE DIMMING LOAD CONTROLLERS COMPATIBLE WITH LIGHT FIXTURES BEING PROVIDED. PROVIDE A DIMMING LOAD CONTROLLER FOR EACH LIGHT FIXTURE TYPE WITHIN A COMMON DIMMING ZONE. D. REFER TO THE LIGHTING CONTROLS SPECIFICATION FOR ADDITIONAL REQUIREMENTS. NOTES: 1. PROVIDE MOTION SENSORS WITH ON/OFF BUTTONS, WHERE INDICATED AS WALL MOUNT ON THE PLANS. 2. AFTER TIME-DELAY OFF, DIM LIGHTS TO 10% OF FULL OUTPUT, RAISE TO 100% UPON MOTION.										
	MOTION SENSOR SETTINGS									
TAG	MANUAL ON	AUTO ON (%)	TIME TO OFF (MIN)	LOCAL ON/OFF	DIMMING	TIME CLOCK	DAYLIGHT HARVESTING (FOOT CANDLES)	BUILDING NETWORKED LIGHTING CONTROL SYSTEM	EXAMPLE SPACE TYPE	NOTES
A	X	-	20	X	-	-	-	-	STORAGE	1
B	X	-	20	X	X	-	-	-	CLASSROOM/CONFERENCE, LARGE	-
C	-	100	20	X	X	-	20	-	OFFICE, NURSE	-
D	-	100	20	-	X	-	-	-	NORTH COMMONS	2

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ELECTRICAL SCHEDULES

E5.1

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ELECTRICAL
SPECIFICATIONS

E6.1

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
A	A. Section 087100 - Door Hardware: Electrically operated door hardware, for interface with access control system. B. Section 260206 - Grounding and Bonding. C. Section 260533 - Conduit. D. Section 260553 - Identification: Identification products and requirements. E. Section 271005 - Structured Cabling for Voice and Data: Data cables for access control system IP network connections. F. Section 282000 - Video Surveillance: For interface with access control system. G. Section 284000 - Fire Detection and Alarm: For interface with access control system. 1.4 DEFINITIONS 1.5 ADMINISTRATIVE REQUIREMENTS A. Coordination: - Coordinate the work with other installers to provide suitable door hardware as required for both access control functionality and code compliance. - Coordinate the placement of readers with millwork, furniture, equipment, etc. installed under other sections or by others. - Coordinate the work with other installers to provide power for equipment at required locations. - Notify Engineer of any conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work. 1.6 SUBMITTALS A. Shop Drawings: Include plan views indicating locations of system components and proposed size, type, and routing of conduits and/or cables. Include elevations and details of proposed equipment arrangements. Include system interconnection schematic diagrams. Include requirements for interface with other systems. B. Product Data: Provide manufacturer's standard catalog pages and data sheets for each system component. Include ratings, configurations, standard wiring diagrams, dimensions, finishes, service condition requirements, and installed features. C. Design Data: Standby battery/UPS calculations. D. Manufacturer's Installation Instructions: Indicate application conditions and limitations of use stipulated by product testing agency. Include instructions for storage, handling, protection, examination, preparation, installation, and operation of product. E. Project Record Documents: Record actual locations of system components and installed wiring arrangements and routing. F. Operation and Maintenance Data: Include detailed information on system operation, equipment programming and setup, replacement parts, and recommended maintenance procedures and intervals. 1.7 FIELD CONDITIONS A. Maintain field conditions within manufacturer's required service conditions during and after installation. PART 2 PRODUCTS 2.1 MANUFACTURERS A. Access Control System - Avigilon 2.2 ACCESS CONTROL SYSTEM REQUIREMENTS A. Provide modifications and extensions to existing access control system consisting of required equipment, conduit, boxes, wiring, connectors, hardware, supports, accessories, software, system programming, etc. as necessary for a complete operating system that provides the functional intent indicated. B. Surge Protection: - Provide surge protection for readers and door strike/locks. C. Interface with Other Systems: - Provide products compatible with other systems requiring interface with access control system. - Interface with electrically operated door hardware as specified in Section 087100. - Capable of locking/unlocking/releasing controlled doors. - Capable of receiving input from integral door hardware switches. - Interface with fire alarm system as specified in Section 284000. - Capable of affecting access for designated doors for selected fire alarm system events. D. Provide products listed, classified, and labeled as suitable for the purpose intended. - Access Control Units and Readers: Listed and labeled as complying with UL 294. 2.3 ACCESS CONTROL POINT PERIPHERALS A. Provide devices compatible with control units and software. B. Provide devices suitable for operation under the service conditions at the installed location. C. Card Readers: HD Signo Series - Mullion Mount: R20 - Single Gang: R40 D. Push-Button Switches: - Momentary Door Release Pushbutton: Schage 660 Series E. Power Supplies: - Power supplies for power to doors shall be provided by this contractor. Provide power supplies as required to accommodate door controller power in each controller location. Coordinate power supply compatibility with door hardware components prior to ordering. Power supplies shall be centrally located in dedicated telecommunications closets indicated on the plans. Provide wiring to doors as required. 2.4 ACCESSORIES A. Provide components as indicated or as required for connection of access control system to devices and other systems indicated. B. Unless otherwise indicated, credentials to be provided by Contractor. - Provide credentials compatible with readers and control units/software to be used. C. Provide cables as indicated or as required for connections between system components. D. Provide end-of-line resistors (EOLR) as required for supervision of hardwired connections. E. Provide accessory racks/cabinets as indicated or as required for equipment mounting. PART 3 EXECUTION 3.1 INSTALLATION A. Install access control system in accordance with NECA 1 (general workmanship). B. Install products in accordance with manufacturer's instructions. C. Wiring Method: Unless otherwise indicated, use cables (not in conduit). - Use suitable listed cables in wet locations, including underground raceways. - Use suitable listed cables for vertical riser applications. - Use listed plenum rated cables in spaces used for environmental air. D. Install wiring in conduit for the following: - Where required for rough-in. - Where required by authorities having jurisdiction. - Where exposed to damage. - Where installed outside the building. - For exposed connections from outlet boxes to devices. 5. Conduit: Comply with Section 260533. 6. Conceal cables unless specifically indicated to be exposed. 7. Use power transfer hinges complying with Section 087100 for concealed connections to door hardware. 8. Route exposed cables parallel or perpendicular to building structural members and surfaces. 9. Do not exceed manufacturer's recommended maximum cable length between components. D. Provide grounding and bonding in accordance with Section 260526. E. Identify system wiring and components in accordance with Section 260553. 3.2 FIELD QUALITY CONTROL A. See Section 014000 - Quality Requirements, for additional requirements. B. Prepare and start system in accordance with manufacturer's instructions. C. Program system parameters according to requirements of Owner. D. Test for proper interface with other systems. E. Correct defective work, adjust for proper operation, and reset until entire system complies with Contract Documents. 3.3 CLOSEOUT ACTIVITIES A. Demonstration: Demonstrate proper operation of system to Owner, and correct deficiencies or make adjustments as directed.																			
	SECTION 282000 - VIDEO SURVEILLANCE PART 1 GENERAL 1.1 SYSTEM DESCRIPTION A. Video Surveillance System and components shall be provided by Inteconex. Contractor shall include associated pricing in the base bid. B. Provide an extension of the existing Avigilon system, including any additional licensing. System programming shall be coordinated with the owner IT staff. 1.2 SECTION INCLUDES A. Video surveillance system requirements. B. Cameras. C. Accessories. 1.3 RELATED REQUIREMENTS A. Section 260528 - Grounding and Bonding. B. Section 260529 - Hangers and Supports. C. Section 260533 - Conduit. D. Section 260553 - Identification: Identification products and requirements. E. Section 271005 - Structured Cabling for Voice and Data: Data cables for IP video surveillance system network connections. 1.4 ADMINISTRATIVE REQUIREMENTS A. Coordination: - Coordinate the placement of cameras with structural members, ductwork, piping, equipment, luminaires, diffusers, fire suppression system components, and other potential conflicts installed under other sections or by others. - Coordinate the work with other installers to provide power for cameras and equipment at required locations. - Notify Engineer of any conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work. B. Preinstallation Meetings: - Conduct meeting with facility representative to review camera and equipment locations and camera field of view objectives. 1.5 SUBMITTALS A. Shop Drawings: Include plan views indicating locations of system components and proposed size, type, and routing of conduits and/or cables. Include elevations and details of proposed equipment arrangements. Include system interconnection schematic diagrams. Include requirements for interface with other systems. B. Product Data: Provide manufacturer's standard catalog pages and data sheets for each system component. Include ratings, configurations, standard wiring diagrams, dimensions, finishes, service condition requirements, and installed features. C. Evidence of qualifications for installer. D. Manufacturer's Installation Instructions: Indicate application conditions and limitations of use stipulated by product testing agency. Include instructions for storage, handling, protection, examination, preparation, installation, and operation of product. E. Project Record Documents: Record actual locations of system components and installed wiring arrangements and routing. F. Operation and Maintenance Data: Include detailed information on system operation, equipment programming and setup, replacement parts, and recommended maintenance procedures and intervals. 1.6 QUALITY ASSURANCE A. Comply with the following: - NFPA 70. - Applicable TIA/EIA standards. B. Installer Qualifications: Company with minimum three years documented experience with video surveillance systems of similar size, type, and complexity and providing contract maintenance service as a regular part of their business; authorized manufacturer's representative. PART 2 PRODUCTS 2.1 VIDEO SURVEILLANCE SYSTEM A. Provide modifications and extensions to existing video surveillance system consisting of all required equipment, conduit, boxes, wiring, connectors, hardware, supports, accessories, software, system programming, etc. as necessary for a complete operating system that provides the functional intent indicated. B. System Description: Existing Avigilon System, maintained by Inteconex. C. Provide products listed, classified, and labeled as suitable for the purpose intended. D. Electromagnetic Interference/Radio Frequency Interference (EMIRFI) Limits: Comply with FCC requirements of 47 CFR 15, for Class B, consumer application. 2.2 CAMERAS A. Provide cameras and associated accessories suitable for operation under the service conditions at the installed location. Provide additional components (e.g. enclosures, heaters, blowers, etc.) as required. B. Where not factory-installed, provide additional components (e.g. lenses, mounting accessories, etc.) as necessary for complete installation. C. Camera Enclosures and Mounting Brackets: - Where not factory-installed, provide accessory camera enclosures suitable for operation under the service conditions at the installed location. - Where not factory-installed, provide accessory camera mounting brackets necessary for installation. 2.3 ACCESSORIES A. Provide components as indicated or as required for connection of video surveillance system to devices and other systems indicated. B. Provide cables as indicated or as required for connections between system components. - Data Cables for IP Network Connections: Unshielded twisted pair (UTP) complying with Section 271005. C. Provide accessory racks/cabinets as indicated or as required for equipment mounting. PART 3 EXECUTION 3.1 INSTALLATION A. Install video surveillance system in accordance with NECA 1 (general workmanship) and NECA 303. B. Install products in accordance with manufacturer's instructions. C. Provide required support and attachment in accordance with Section 260529. D. Wiring Method: Unless otherwise indicated, use cables (not in conduit). - Use listed plenum rated cables in spaces used for environmental air.																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		

ROCSD Inman Elementary Remodel

900 Inman Drive
Red Oak, IA 51566



AGENCY APPROVAL

ALLEY POYNER MACCHIETTO ARCHITECTURE

NE Certificate of Authorization: CA-0433

△ REVISION	DATE
Project Number:	24077
Date:	09.03.2025

CO P R I G H T © 2025

ELECTRICAL SPECIFICATIONS

E6.3

2024-2025 Screen 11 - Certification

[Help](#)

By selecting the "Certify" button below, I, the superintendent or chief administrator, certify the data reported on this Special Education Supplement is true and accurate to the best of my knowledge and belief.

Certify

Special Education Supplement LEA not CERTIFIED

CAR not CERTIFIED

Transportation CERTIFIED 9/10/2025 1:08:13 PM

All the records described below are now **BROWSE ONLY**
Please contact person listed at the bottom of the display
if you need to make further adjustments to this information.
Thank you.

A district may request allowable growth and supplement aid for a negative special education balance for the current school year. The supplemental aid payment will be calculated by the Department of Management after all special education balances have been finalized. If a district has a positive special education balance, they do not have the ability to request allowable growth and supplemental aid. The date listed below indicates when the district's board approved seeking allowable growth and supplemental aid for a negative special education balance.

Our Board approved this action on **9/17/2025**

Previous Year Carryover (Screen 4)	Weighted Receipts (Screen 4)
\$0.00	\$1,002,432.00
Total Special Education Revenue	Carryover Allowed in Current Year (10% of Weighted Receipts)
\$2,375,491.25	\$100,243.20
Total Special Education Expenditures	Amount to be Redistributed to Districts with a Negative Balance
\$2,618,262.74	\$0.00
Special Education Balance in Current Year	Amount of Allowable Growth Request
(\$242,771.49)	\$242,771.49