

VINCENT PARK MAINTENANCE FACILITY

700 Wilman Lane
Inglewood, CA 90302

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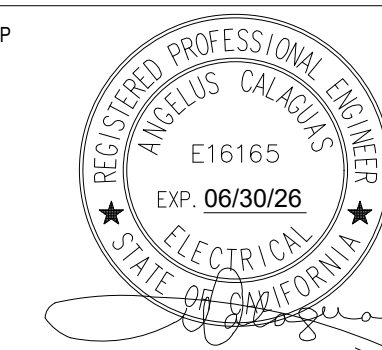
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BAR SCALE

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: VINCENT PARK MAINTENANCE FACILITY-BUILDING -STORAGE Report Page: (Page 6 of 7)
Date Prepared: 2025-11-08T21:21:12-05:00

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
This section does not apply to this project.

T. DWELLING UNIT LIGHTING
This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online
Form/Title

NRCC-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>
Form/Title Systems/Spaces To Be Field Verified

NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.

NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 344434-1125-0002 Schema Version: rev 20220101 Report Generated: 2025-11-08 18:21:14

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: VINCENT PARK MAINTENANCE FACILITY-BUILDING -STORAGE Report Page: (Page 3 of 7)
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F. INDOOR LIGHTING FIXTURE SCHEDULE
This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces										
01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change	Watts per luminaire ²	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Pass	Fail
LT03	(2)4 FEET LINEAR LED LIGHTS	No	NA	42	Mfr. Spec	14	No	588	<input type="checkbox"/>	<input type="checkbox"/>
LT06	4" DIAMETER RECESSED LIGHTS	No	NA	27.8	Mfr. Spec	1	No	27.8	<input type="checkbox"/>	<input type="checkbox"/>
Total Designed Watts: CONDITIONED SPACES								615.8		

¹FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B /170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.

²Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) /160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS
This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)
This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls		
01	02	03
Mandatory Demand Response 130.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	Field Inspector
NA < 4,000W subject to multilevel	See Area/Space Level Controls	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS
This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS
This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS
This section does not apply to this project.

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H. INDOOR LIGHTING CONTROLS (Not including PAFs)
Area Level Controls

04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) /160.5(b)4A	Multi-Level Controls 130.1(b) /160.5(b)4B	Shut-Off Controls 130.1(c) /160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) /160.5(b)4D	Secondary Daylighting Systems 140.6(a)1/170.2(e)2A	Interlocked Systems 140.6(a)1/170.2(e)2A	Field Inspector
STORAGE 300	Commercial Industrial Storage Area	Readily Accessible	Dimmer	Occupancy Sensor	NA: Garage daylight adaptation	NA: Garage daylight adaptation	Yes	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
13 Plan Sheet Showing Daylit Zones:								

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS
Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used.

Conditioned Spaces						
01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment Area Category	PAF
STORAGE 300	Commercial Industrial Storage Area	0.4	2,049	819.6	No	No
TOTALS:				2,049	819.6	See Tables J, or P for detail

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
This section does not apply to this project.

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Project Name: VINCENT PARK MAINTENANCE FACILITY-BUILDING -STORAGE Report Page: (Page 2 of 7)
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C. COMPLIANCE RESULTS
If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 /170.2(e)	Allowed Lighting Power per 140.6(b) /170.2(e) (Watts)					Adjusted Lighting Power per 140.6(a) /170.2(e) (Watts)			Compliance Results	
	01	02	03	04	05	06	07	08	09	
	Complete Building 140.6(c)1	Area Category 140.6(c)2 /170.2(e)4	Area Category Additional 140.6(c)2G /170.2(e)4Av (+)	Tailored 140.6(c)3 /170.2(e)4B (+)	Total Allowed (Watts)	Total Designed (Watts)	PAF Lighting Control Credits 140.6(a)2 /170.2(e)1B (-)	Total Adjusted (Watts) *includes Adjustments	05 must be >= 08 140.6 /170.2(e)	
(See Table I)	(See Table I)	(See Table J)	(See Table K)	=	≥	(See Table F)	(See Table P)	=	COMPLIES	
	819.6			=	≥	615.8		=	COMPLIES	
Controls Compliance (See Table H for Details)									COMPLIES	
Rated Power Reduction Compliance (See Table Q for Details)									COMPLIES	

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-LTI-E
This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for multifamily and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.
Project Name: VINCENT PARK MAINTENANCE FACILITY-BUILDING -STORAGE Report Page: (Page 1 of 7)
Project Address: Report Date Prepared: 2025-11-08T21:21:12-05:00

A. GENERAL INFORMATION

01 Project Location (city)	INGLEWOOD	04 Total Conditioned Floor Area (ft ²)	2,049
02 Climate Zone	8	05 Total Unconditioned Floor Area (ft ²)	0
03 Occupancy Types Within Project (select all that apply):	Warehouse	06 # of Stories (Habitable Above Grade)	1

B. PROJECT SCOPE
This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)	Calculation Method	Area (ft ²)
<input checked="" type="checkbox"/> New Lighting System	Area Category Method	2049	Area Category Method	0
<input type="checkbox"/> New Lighting System - Parking Garage	N/A	0	N/A	0
Total Area of Work (ft²)		2049		

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SHAMIM ENGINEERING GROUP

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E604

2/18/2026

DATE
2.18.2026

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BAR SCALE

SHEET REVISION DATE

ISSUE FOR BID	02.12.2026
90% PROGRESS DESIGN	11.21.2025
75% PROGRESS DESIGN	11.11.2025
60% PROGRESS DESIGN	05.16.2025
40% PROGRESS DESIGN	04.15.2025

**BUILDING 4-STORAGE
TITLE 24 COMPLIANCE
FORMS**

SCALE: NO SCALE

2/18/2026

E604A

DATE
2.18.2026

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STATE OF CALIFORNIA Indoor Lighting		CALIFORNIA ENERGY COMMISSION	
CERTIFICATE OF COMPLIANCE		NRCC-LTH-1 (Page 7 of 7)	
Project Name:	VINCENT PARK MAINTENANCE FACILITY-BUILDING -STORAGE	Report Page:	
Project Address:		Date Prepared:	2025-11-08T21:21:12-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	ANGELUS CALAGIAS
Company:	SHAMIM ENGINEERING
Address:	21700 OXNARD STREET, (SUITE 870) WOODLAND HILLS, CA 91367
City/State/Zip:	WOODLAND HILLS, CA 91367

RESPONSIBLE PERSON'S DECLARATION STATEMENT	
I certify the following under penalty of perjury, under the laws of the State of California:	
1. The information provided on this Certificate of Compliance is true and correct.	
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).	
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.	
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.	
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder submits to the building owner at occupancy.	
Responsible Designer Name:	ANGELUS CALAGIAS
Company:	SHAMIM ENGINEERING
Address:	21700 OXNARD STREET, (SUITE 870) WOODLAND HILLS, CA 91367
City/State/Zip:	WOODLAND HILLS, CA 91367

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Indoor Lighting Mandatory Measures:

130.1(f) CONTROL INTERACTIONS
EACH LIGHTING CONTROL INSTALLED TO MEET 130.1 REQUIREMENTS SHALL INCORPORATE THE FUNCTIONS OF OTHER LIGHTING CONTROLS REQUIRED BY THIS SECTION.

- FOR GENERAL LIGHTING, MANUAL AREA CONTROL SHALL PERMIT THE LEVEL OF LIGHT PROVIDED WHILE LIGHTING IS ON TO BE SET OR ADJUSTED BY CONTROLS SPECIFIED IN 130.1(b), (c), (d) and (e).
- MANUAL AREA CONTROL SHALL PERMIT SHUTOFF CONTROL TO TURN THE LIGHTING DOWN OR OFF.
- MULTILEVEL CONTROL SHALL PERMIT THE AUTOMATIC DAYLIGHTING CONTROL TO ADJUST ELECTRIC LIGHTING IN RESPONSE TO DAYLIGHT.
- MULTILEVEL CONTROL SHALL PERMIT THE DEMAND RESPONSIVE (DR) CONTROL TO ADJUST LIGHTING DURING A DR EVENT THEN RETURN IT TO THE LEVEL SET BY THE CONTROL AFTER THE EVENT.
- SHUTOFF CONTROL SHALL PERMIT THE MANUAL AREA CONTROL TO TURN THE LIGHTING ON.
- AUTOMATIC DAYLIGHTING CONTROL SHALL PERMIT MULTILEVEL LIGHTING CONTROL TO ADJUST THE LIGHTING LEVEL.
- FOR LIGHTING CONTROLLED BY MULTILEVEL LIGHTING CONTROLS AND OCCUPANT SENSING CONTROLS THAT PROVIDE AUTOMATIC-ON FUNCTION, CONTROLS SHALL PROVIDE A PARTIAL-ON FUNCTION THAT IS CAPABLE OF AUTOMATICALLY ACTIVATING BETWEEN 50-70% OF CONTROLLED LIGHTING POWER.
- RESERVED
- FOR SPACE CONDITIONING SYSTEM ZONES SERVING ONLY SPACES THAT ARE REQUIRED TO HAVE OCCUPANT SENSING CONTROLS SHALL BE CONTROLLED BY OCCUPANCY SENSING CONTROLS.

Indoor Lighting Mandatory Measures:

110.9 LIGHTING CONTROLS AND COMPONENTS
ALL LIGHTING CONTROL DEVICES AND SYSTEMS, AND ALL LIGHT SOURCES SHALL MEET THE APPLICABLE REQUIREMENTS OF 110.9.
NOTE: THE EXCEPTED SPACES DO NOT COUNT TOWARDS THE 10,000 FT² THRESHOLD.

130.0 GENERAL LUMINAIRE REQUIREMENTS
ALL LUMINAIRES SHALL BE FACTORY-LABELLED PER 130.0(c).
ENERGY MANAGEMENT CONTROL SYSTEMS (EMCS) SHALL MEET REQUIREMENTS OF 130.0(e).

130.1(a) MANUAL AREA CONTROLS
EACH ROOM OR AREA WITH FLOOR-TO-CEILING WALLS IN THIS BUILDING SHALL HAVE LIGHTING CONTROLS THAT ALLOW LIGHTING TO BE MANUALLY TURNED ON AND OFF MANUAL CONTROLS SHALL:

- BE READILY ACCESSIBLE
- BE LOCATED IN THE SAME ENCLOSED AREA WITH THE LIGHTING IT CONTROLS.
- PROVIDE SEPARATE CONTROL OF GENERAL, FLOOR, WALL, WINDOW CASE DISPLAY, ORNAMENTAL AND SPECIAL EFFECTS LIGHTING SO EACH TYPE CAN BE TURNED ON AND OFF SEPARATELY WITHOUT AFFECTING OTHER LIGHTING OR EQUIPMENT.

130.1(b) MULTILEVEL LIGHTING CONTROLS
GENERAL LIGHTING IN ALL ROOMS AND AREAS 100 FT² OR GREATER AND WITH MORE THAN 0.5 WATTS PER FT² OF LIGHTING LOAD SHALL HAVE MULTILEVEL CONTROLS THAT ALLOW LIGHT LEVELS TO BE ADJUSTED UP AND DOWN. CONTROLS SHALL PROVIDE NUMBER OF CONTROL STEPS AND UNIFORM ILLUMINANCE LIGHT LEVELS PER TABLE 130.1-A.

130.1(c) SHUTOFF CONTROLS
ALL INSTALLED INDOOR LIGHTING SHALL BE EQUIPPED WITH CONTROLS TO AUTOMATICALLY REDUCE LIGHTING POWER WHEN SPACE IS TYPICALLY UNOCCUPIED.

130.1(c)(1) CONTROL REQUIREMENTS
ALL INSTALLED INDOOR LIGHTING SHALL HAVE ALL OF THE FOLLOWING:
A. CONTROL(S) CAPABLE OF AUTOMATICALLY SHUTTING OFF ALL LIGHTING IN THE SPACE WHEN TYPICALLY UNOCCUPIED (OCCUPANT SENSING CONTROL, AUTOMATIC TIME-SWITCH CONTROL, OR OTHER)
B. SEPARATE CONTROLS FOR LIGHTING ON EACH FLOOR (OTHER THAN STAIRWELLS)

C. SEPARATE CONTROLS FOR A SPACE ENCLOSED BY CEILING HEIGHT PARTITIONS NOT EXCEEDING 5,000 FT²

130.1(c)(6) PARTIAL OR FULL-OFF OCCUPANT SENSORS
PROVIDE PARTIAL OR FULL-OFF OCCUPANT SENSORS, IN ADDITION TO SHUTOFF CONTROLS PER 130.1(c)(1) AND 130.1(c)(2), IN THE FOLLOWING SPACES:

- aisle ways and open areas in warehouses
- library book stack aisles
- corridors and stairwells
- offices greater than 250 sq. ft.

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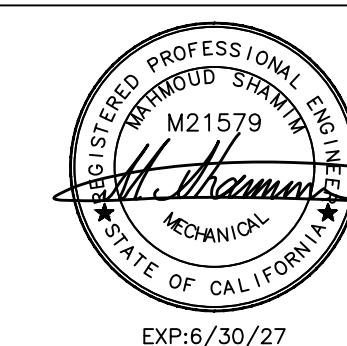
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BAR SCALE

SHEET REVISION DATE

BID SET	02.12.2028
50% PROGRESS DESIGN	11.24.2025
75% PROGRESS DESIGN	11.11.2025
80% PROGRESS DESIGN	05.16.2025
40% PROGRESS DESIGN	04.15.2025
ISSUE	DATE

SCHEDULES, NOTES & LEGEND

SCALE: N.T.S.

P002

DATE: 02/12/2026 © 2025 HANSONLA

WATER DEMAND			
FIXTURE UNITS*		QUANTITY	TOTAL FIXTURE UNITS
FIXTURE	PUBLIC	PUBLIC	
W.C. (GRAV. TANK)	2.5	0	0.0
W.C. (FLUSH VALVE)	5	6	30.0
LAVATORY	1	6	6.0
BATH TUB	4	0	0.0
SHOWER	2	0	0.0
URINAL	4	0	0.0
DRINKING FOUNTAIN	0.5	4	2.0
KITCHEN SINK	1.5	1	1.5
DISHWASHER	1.5	1	1.5
REFRIGERATOR	0.5	1	0.5
MOP SINK	3.0	1	3.0
SINK	1.0	1	1.0
EYE WASH	1.0	2	2.0
HOSE BIB	2.5	1	2.5
OTHER HOSE BIBBS	1	2	2.0
TOTAL FIXTURE UNITS 52.0 (FLUSH VALVE):			
TOTAL WATER DEMAND (GPM): 55			

COLD WATER CALCULATION			
1.	AVAILABLE PRESSURE: 65 PSI STATIC		
2.	WATER DEMAND: 52 FU 55 GPM		
3.	RESIDUAL PRESSURE REQUIRED AT FARTHEST OUTLET	25 PSI	
4.	PRESSURE LOSS DUE TO HEIGHT 10 FT.x0.434	4.3 PSI	
5.	PRESSURE LOSS THRU 1" WATER METER	3 PSI	
6.	PRESSURE LOSS THRU 1 1/4" BACKFLOW PREVENTER	12 PSI	
7.	PRESSURE LOSS THRU 1 1/4" PRESSURE REDUCING VALVE	4 PSI	
8.	PRESSURE LOSS THRU WATER SOFTENER	- PSI	
9.	TOTAL PRESSURE LOSS FROM ABOVE (ITEMS 3,-,9,)	48.3 PSI	
10.	AVAILABLE PRESSURE	65 PSI	
11.	PRESSURE AVAILABLE FOR FRICTION LOSS	16.7 PSI	
12.	DEVELOPED PIPE LENGTH:		
1.	LENGTH OF RUN (MAIN/PRV TO LAST FIXTURE)	410 FT	
2.	EQUIVALENT LENGTH FOR FITTINGS 20 %	82.0 FT	
3.	TOTAL DEVELOPED LENGTH:	492 FT	
13.	FRICTION LOSS PER 100 FEET OF PIPE	3.4 PSI	

COLD WATER SIZING			
PIPE SIZES BASED ON TYPE "L" COPPER AT 3.4 PSI/100 FT, 8 FPS MAXIMUM.			
PIPE SIZE	FU	FV	
1/2"	1	0	
3/4"	6	0	
1"	13	0	
1 1/4"	26	0	
1 1/2"	51	12	
2"	175	76	

HOT WATER SIZING			
PIPE SIZES BASED ON TYPE "L" COPPER AT 3.4 PSI/100 FT, 5 FPS MAXIMUM.			
PIPE SIZE	FU	PIPE SIZE	FU
1/2"	1		
3/4"	6		
1"	13		
1 1/4"	26		
1 1/2"	46		

PIPE MATERIAL SCHEDULE													
SERVICE	MATERIAL	CAST IRON HUBLESS PIPE & FITTINGS	ABS SCH. 40 PIPE & FITTINGS	FLOWGUARD GOLD SDR11 CPVC CORZAN SCH 80 CPVC PIPE & FITTINGS	COPPER TYPE "M" HARD DRAIN PIPE & WROUGHT COPPER FITTINGS	COPPER TYPE "L" HARD DRAIN PIPE & WROUGHT COPPER FITTINGS	COPPER TYPE "K" HARD DRAIN PIPE & WROUGHT COPPER FITTINGS	COPPER TYPE "DWV" PIPE & FITTINGS	BLACK STEEL SCH. 40 PIPE & FITTINGS	PVC DWV PIPE & FITTING	PVC SCH. 40 PIPE & FITTINGS	UPONOR PEX PIPE & COLD EXPANSION FITTINGS	REMARKS
WASTE & VENT	ABOVE GRADE	✓											
	BELOW GRADE												
COLD & HOT WATER	ABOVE GRADE					✓							
	BELOW GRADE						✓						
CONDENSATE DRAIN	ABOVE GRADE				✓								
STORM DRAIN	ABOVE GRADE	✓											
	BELOW GRADE										✓		

PIPE INSULATION THICKNESS							
2022 ENERGY STANDARDS TABLE 120.3-A & 2022 CPC SECTION 609.11							
FLUID TEMPERATURE RANGE (°F)	CONDUCTIVITY RANGE (in Btu-inch per hour per square foot per °F)	INSULATION MEAN RATING TEMPERATURE (°F)	NOMINAL PIPE DIAMETER (in inches)				
			< 1	1 TO < 1.5	2 TO < 4	4 TO < 8	8 AND LARGER
INSULATION THICKNESS REQUIRED (in inches)							
105-140	0.22-0.28	100	1.0	1.5	2	2	2

PIPING SOUND ISOLATION NOTES	
1.	FOR SUPPLY WATER PIPING 1" DIAMETER OR SMALLER, USE THE "ACOUSTO-PLUMB" SYSTEM OF ORANGE AND BLUE PLASTIC PIPE ISOLATORS, HOLDERS, AND GUIDES AS MANUFACTURED BY "SPECIALTY PRODUCTS" COMPANY OR EQUAL. MOST COMMONLY USED ISOLATORS BY "SPECIALTY PRODUCTS": A. TYPE "AE" - CHROME OR PLASTIC SCUTCHEON, "ACOUSTO-SCUTCHEON". B. TYPE "AC" - ISOLATED CLAMP WITH SCREW ATTACHMENT, "ACOUSTO-CLAMP." C. TYPE "AL" - ISOLATED SPLITTED PIPE SLEEVE, "ACOUSTO-LATOR." D. TYPE "AS" - ISOLATED PIPE SLEEVE. "ACOUSTO-SLEEVE".
2.	ISOLATE WASTE PIPES AND SUPPLY WATER PIPES MORE THAN 1" IN DIAMETER WITH THE "STONEMAN TRISOLATOR SYSTEM" OF PIPE ISOLATORS, AS MANUFACTURED BY "STONEMAN ENGINEERING AND MANUFACTURING" OR EQUAL.
3.	USE ISOLATED PIPE CLEVIS HANGER, SIMILAR TO "TOLCO" CLEVIS HANGER WITH FELT LINING.
4.	THIN-WALLED COPPER WASTE AND DRAIN PIPING MUST BE COMPLETELY WRAPPED USING LOWRY'S ACOUSTICAL PIPE WRAP. THE WRAP IS MANUFACTURED BY "HARRY A. LOWRY" OR EQUAL.
5.	DO NOT ALLOW THE PIPING, PIPE CONNECTORS, PIPE HANGERS, OR VALVES TO DIRECTLY TOUCH THE STRUCTURE, STUDS, GYPSUM BOARD, OR OTHER PIPES.
6.	INSTALL 3-1/2" BATT INSULATION IN OTHERWISE UNINSULATED STUD AND JOIST SPACES CONTAINING WATER PIPING.
7.	DO NOT LOCATE SUPPLY OR WASTE WATER PIPES CLOSER THAN 2" FROM GYPSUM BOARD IN WALLS OR CEILINGS OF ACOUSTICALLY SENSITIVE ROOMS, SUCH AS LIVING ROOMS, DINING ROOMS AND BEDROOMS.
8.	IN NO CASE SHOULD THE PLUMBING PIPING OF ONE UNIT BE CLOSER THAN 1" OF ANOTHER UNIT.
9.	NO STRAP HANGERS, PUNCHED TAPE OR WIRES WILL BE ACCEPTED.
10.	BRANCH WATER PIPING IN PARTITIONS AND CHASES SHALL BE ADEQUATELY SUPPORTED USING SPECIFIED HANGERS AND CLAMPS. PROVIDE NECESSARY STEEL BACKING PLATES OR CHANNELS ANCHORED TO STUDS, FLOORS, OR PLUMBING VENTS, IN AN APPROVED MANNER. ISOLATE PIPING FROM STRUCTURE AND OTHER PIPING AND BUILDING COMPONENTS WITH "ACOUSTO-PLUMB" PRODUCTS.

NOTES:	
1.	PRIOR TO PIPING FABRICATION, EQUIPMENT INSTALLATION OR PIPE INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES AND CEILING CLEARANCES AND PROVIDE COMPLETE SHOP DRAWINGS. OBTAIN APPROVAL FOR SHOP DRAWING FROM ARCHITECT/ENGINEER. PIPE MAY BE RE-ROUTED IN ORDER TO MAINTAIN REQUIRED SPACE, VERIFY WITH ENGINEER. NO EXTRA COST IS ALLOWABLE FOR LACK OF COORDINATION AFTER SHOP DRAWINGS ARE SUBMITTED.
2.	SITE INSPECTION: CONTRACTORS SHALL VISIT THE SITE OF WORK PRIOR TO SUBMISSION OF HIS BID AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE WORKING CONDITIONS AND EXACT NATURE OF THE WORK. SUBMISSION OF A BID ACKNOWLEDGES FULL RESPONSIBILITY FOR FURNISHING A COMPLETE AND FUNCTIONAL SYSTEM. NO CHANGES IN CONTRACT WILL BE MADE TO ACCOMMODATE OR ALLOW EXTRA FUNDS FOR ANY SUBMISSION WHICH RESULTS FROM A FAILURE TO THOROUGHLY MAKE THE EXAMINATION.
3.	CONTRACTOR SHALL PROVIDE SHOP DRAWING FOR BEAM PENETRATION FOR STRUCTURE ENGINEER APPROVAL PRIOR TO ANY PIPE FABRICATION AND INSTALLATION.
4.	INSULATION MATERIAL SHALL MEET THE CALIFORNIA QUALITY STANDARD PER SECTION 118 ENERGY EFFICIENCY STANDARDS (E.E.S.)
5.	CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT. (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
6.	COMBUSTION AIR FOR FUEL BURNING WATER HEATER WILL BE PROVIDED IN ACCORDANCE WITH UPC SECTION 507 AND TABLE- 5-1.
7.	COORDINATE WITH ARCHITECT & KITCHEN CONSULTANT FOR FIXTURES SPECIFICATION.

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EXP: 6/30/27

BAR SCALE

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75% PROGRESS DESIGN 11.11.2025

60% PROGRESS DESIGN 05.16.2025

40% PROGRESS DESIGN 04.15.2025

ISSUE DATE

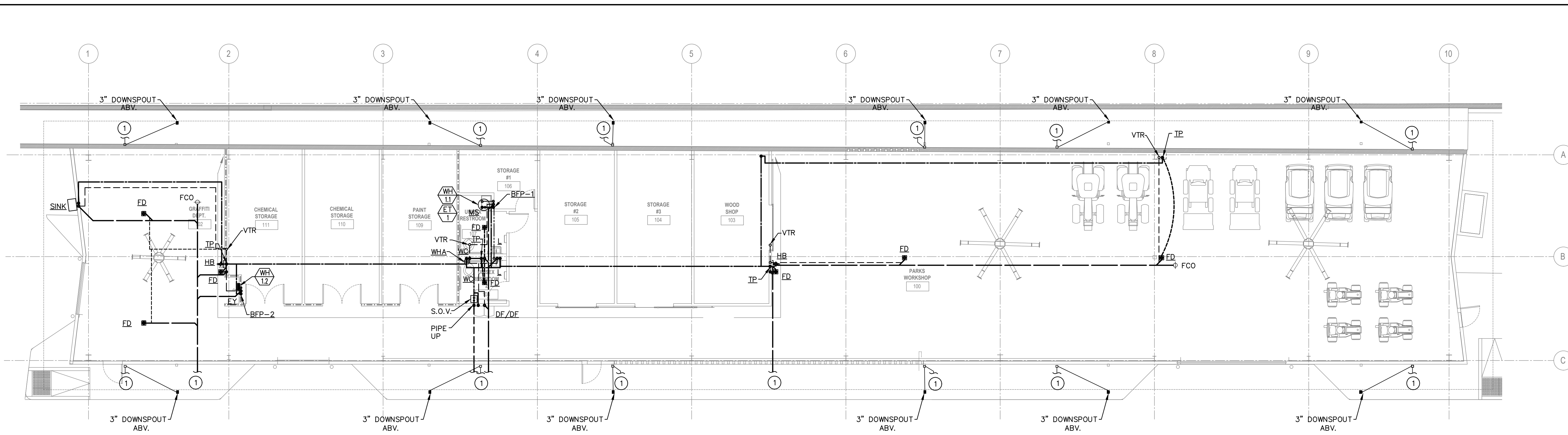
FLOOR PLAN & ROOF PLAN
(BUILDING 1- WORKSHOP)

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

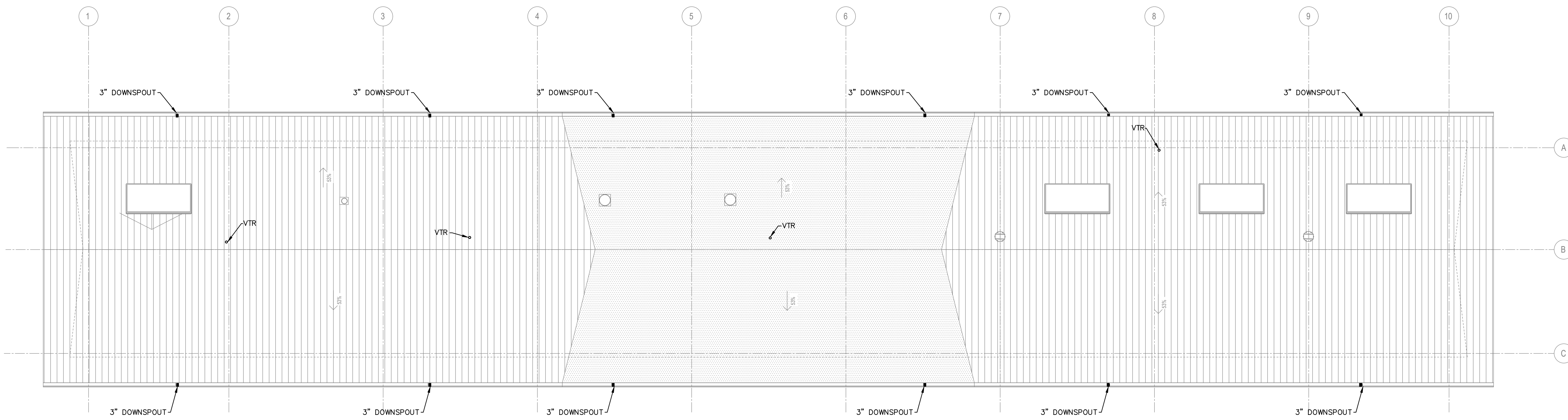
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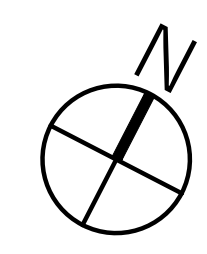
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1 BUILDING 1- WORKSHOP FLOOR PLAN
1/8" = 1' 0"



2 BUILDING 1- WORKSHOP ROOF PLAN
1/8" = 1' 0"



NUMBERED NOTES

- 1 SEE SITE PLAN FOR CONTINUATION
- 2 PRIMARY SCUPPER & OVERFLOW SCUPPER. OVERFLOW SCUPPER SHALL BE 4" HIGH & MINIMUM 6.5" WIDTH.
- 3 3" DOWNSPOUT.
- 4 3" DOWNSPOUT DOWN AND CONNECT TO SITE DRAINAGE SYSTEM.

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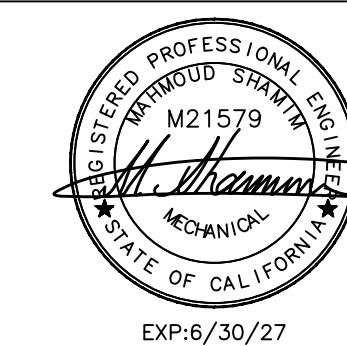
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40% PROGRESS DESIGN	04.15.2025
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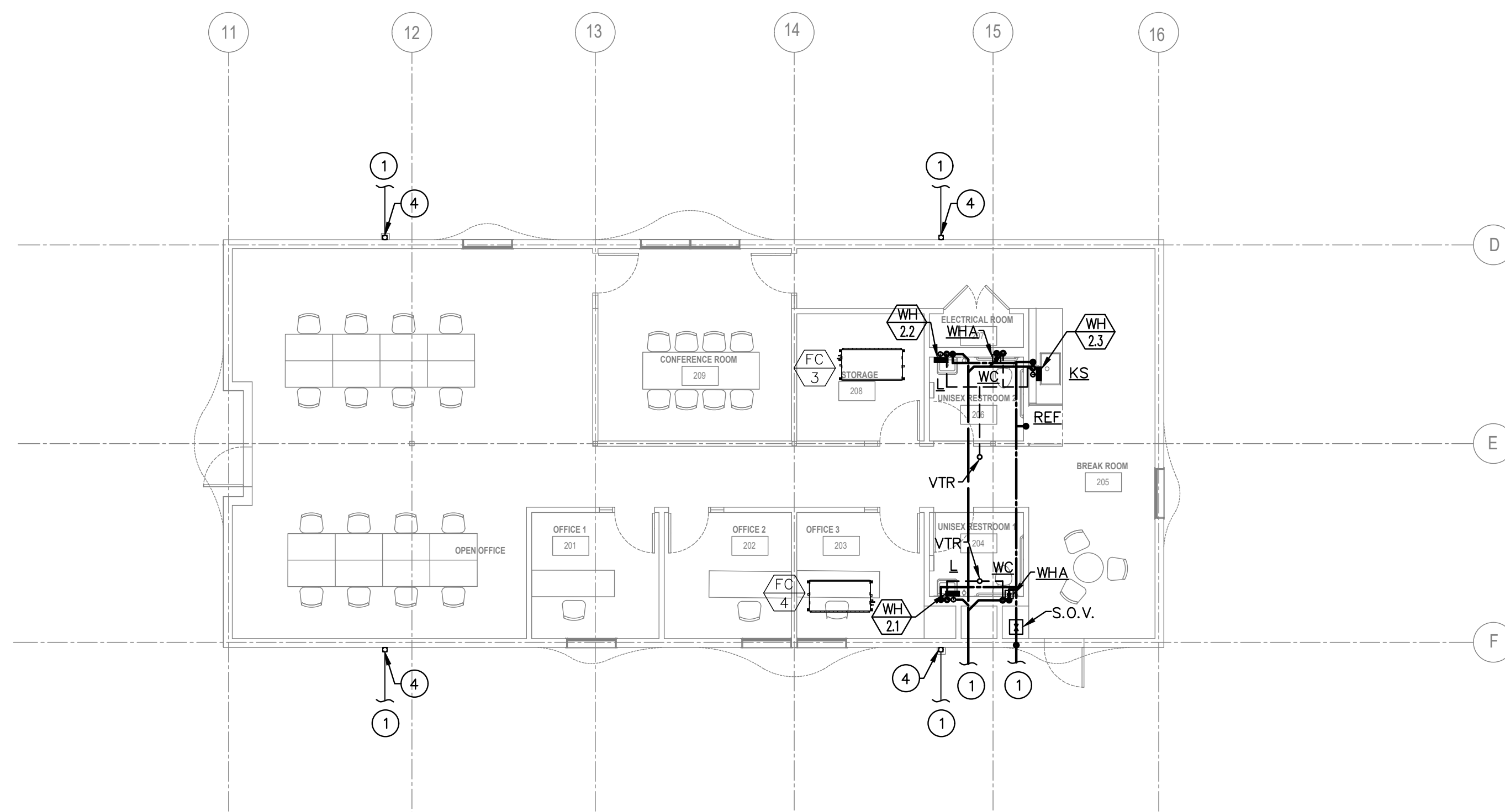
**FLOOR PLAN & ROOF PLAN
(BUILDING 2&3- OFFICE)**

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

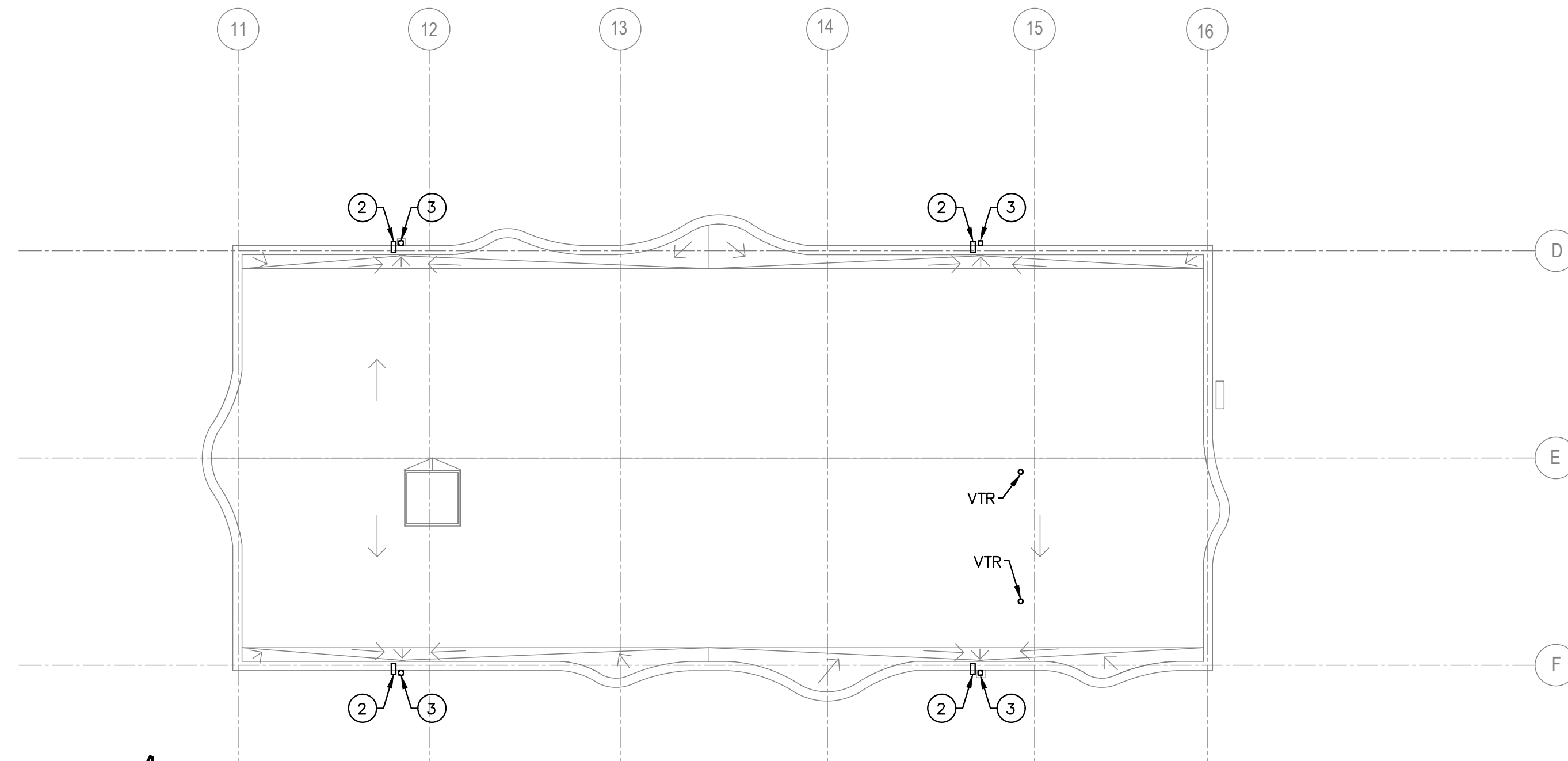
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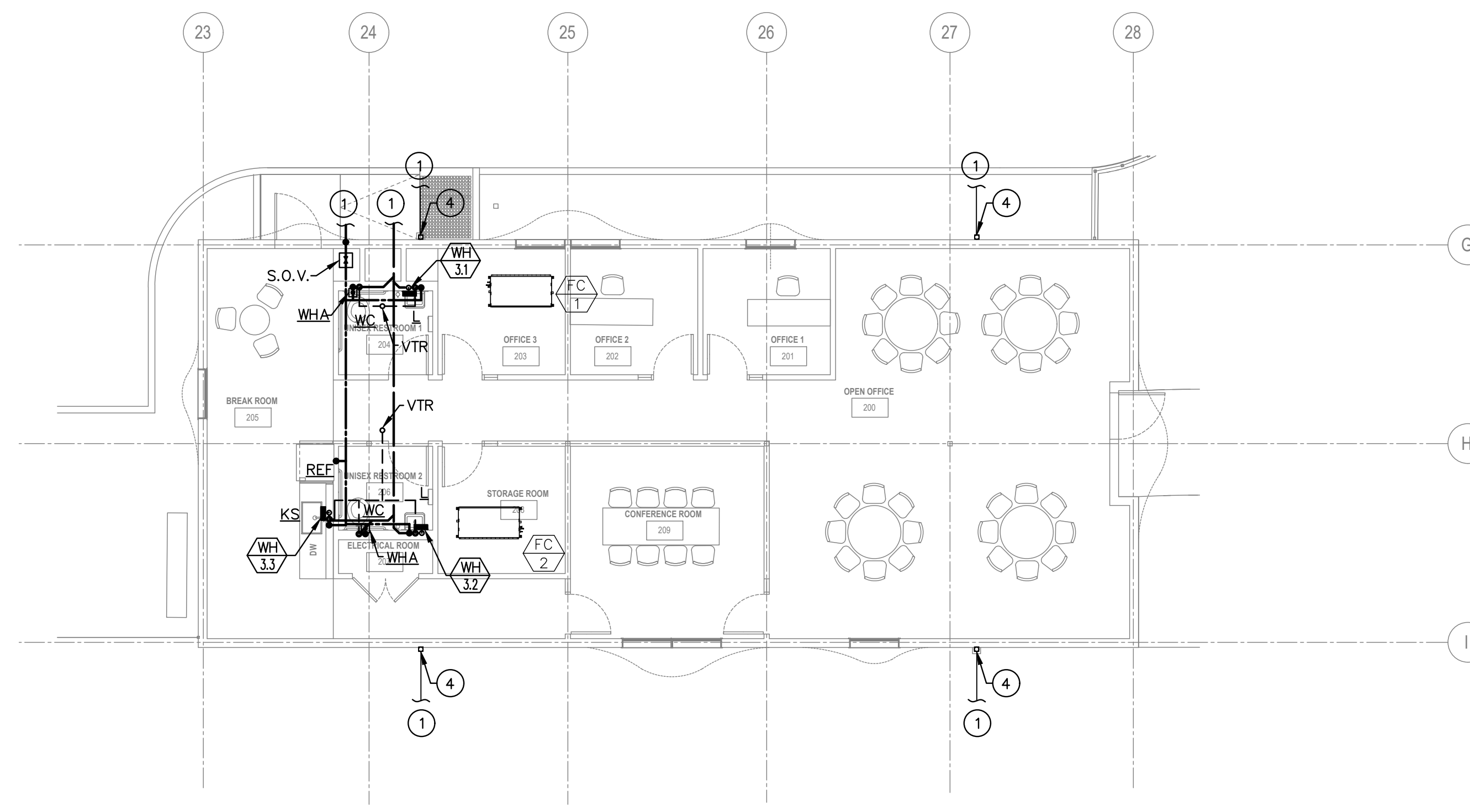
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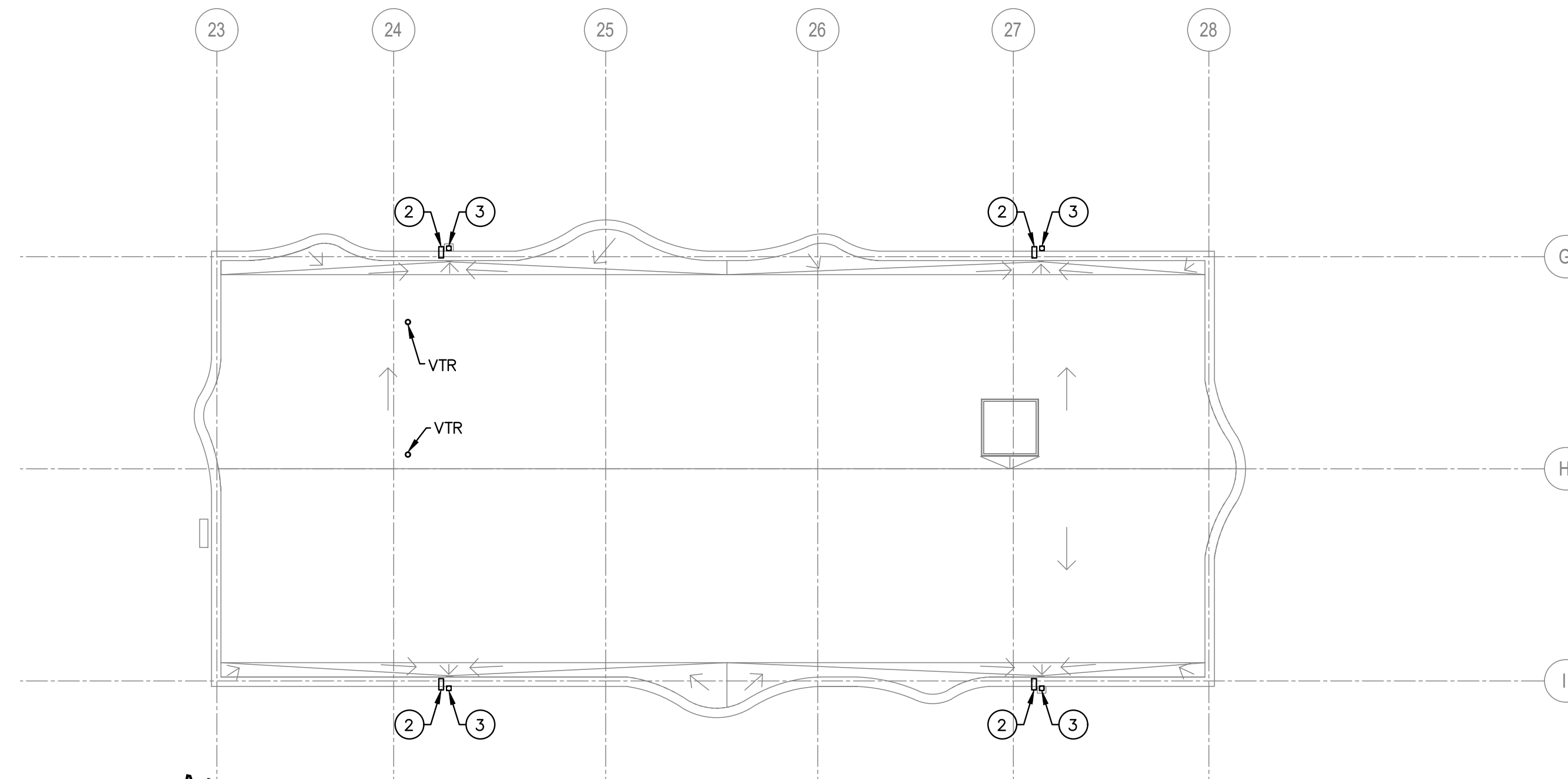
1 BUILDING 2- OFFICE FLOOR PLAN
1/8" = 1' 0"



2 BUILDING 2- OFFICE ROOF PLAN
1/8" = 1' 0"



3 BUILDING 3- OFFICE FLOOR PLAN
1/8" = 1' 0"



4 BUILDING 3- OFFICE ROOF PLAN
1/8" = 1' 0"

NUMBERED NOTES

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- 3" DOWNSPOUT DOWN AND CONNECT TO SITE DRAINAGE SYSTEM.

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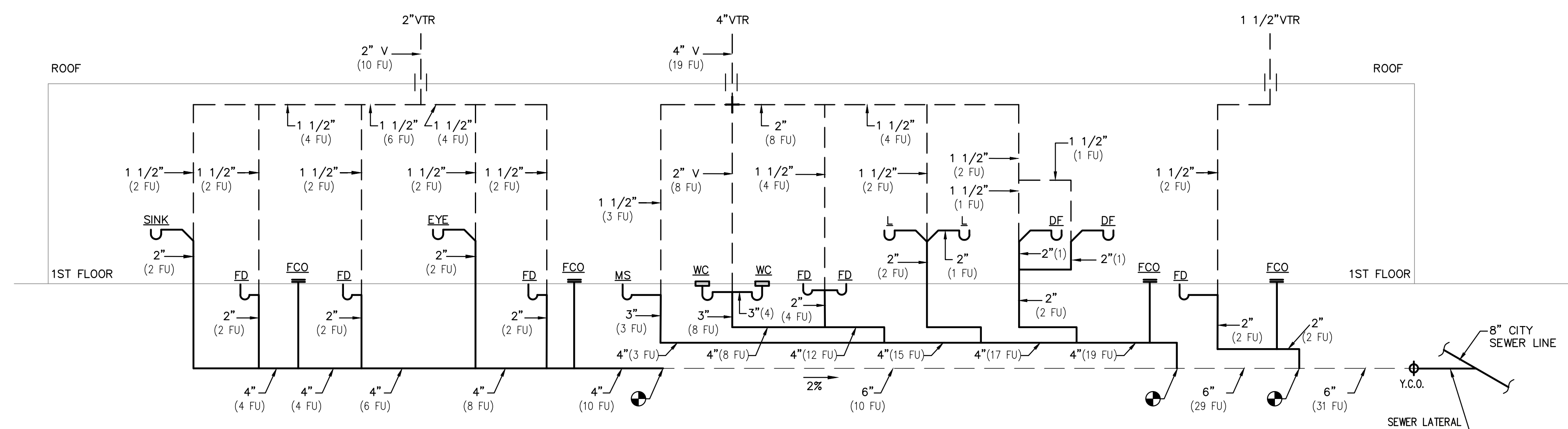
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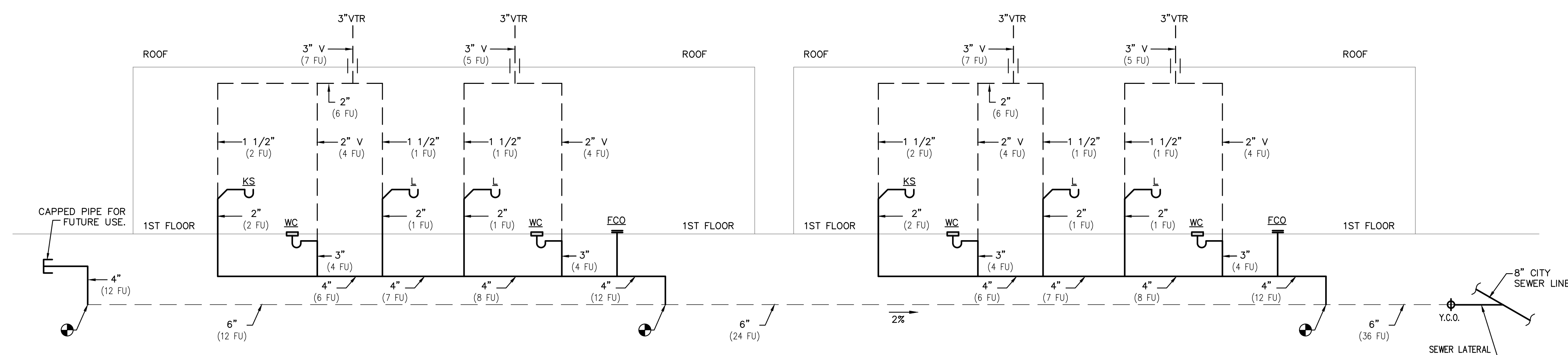
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**BUILDING 1 - WORKSHOP
WASTE & VENT RISER DIAGRAM**

SCALE= NONE



**BUILDING 2 - OFFICE
WASTE & VENT RISER DIAGRAM**

SCALE= NONE

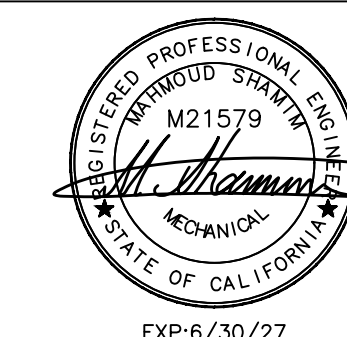
**BUILDING 3 - OFFICE
WASTE & VENT RISER DIAGRAM**

SCALE= NONE

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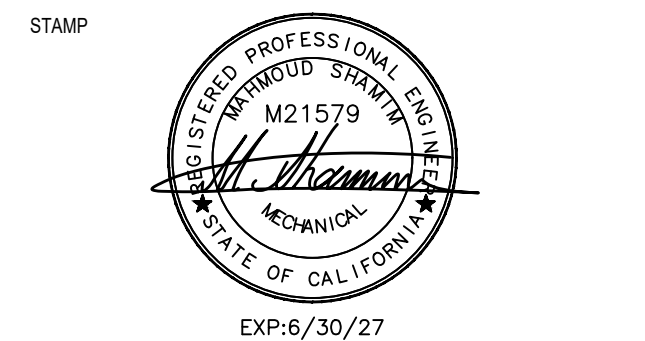
RISER DIAGRAM

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P301

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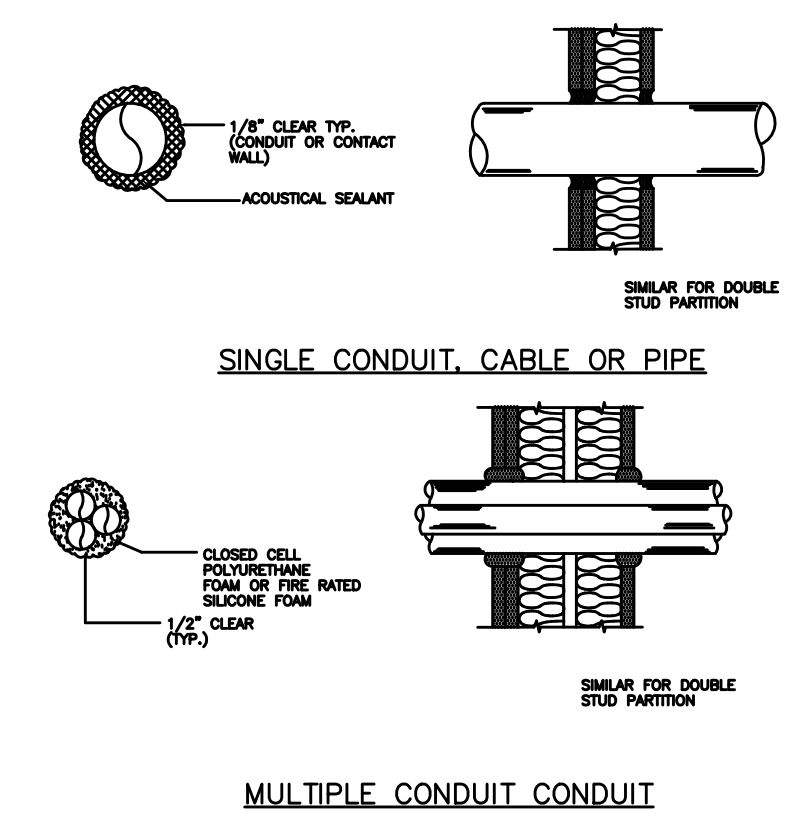
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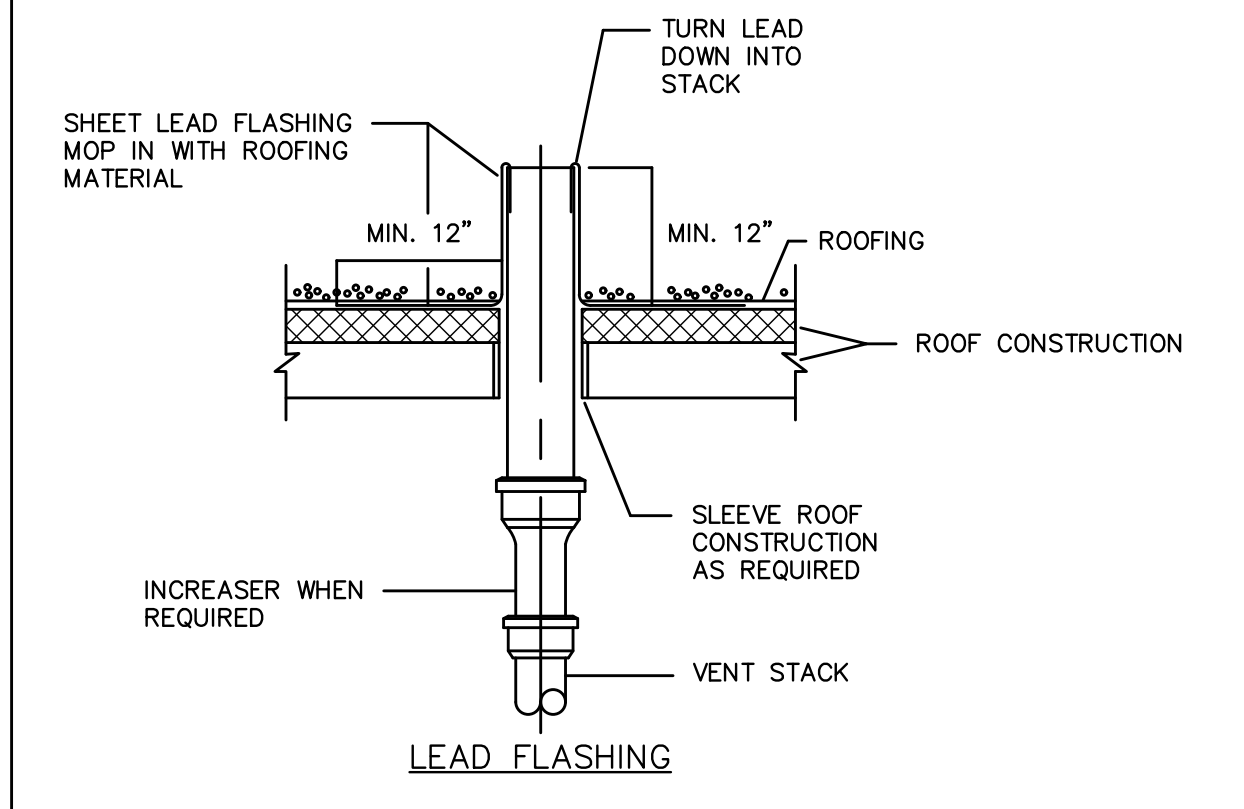
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DETAIL SHEET

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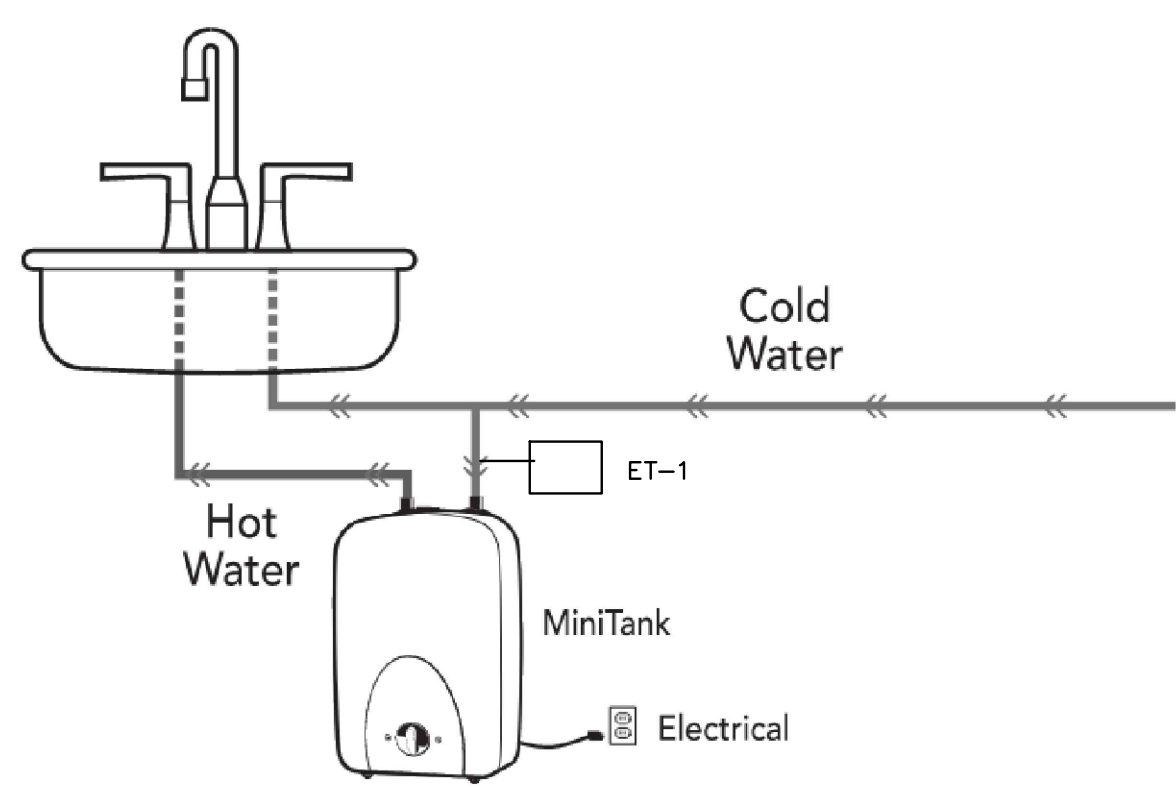


PENETRATIONS OF ACOUSTICAL PARTITIONS BY CONDUIT CABLE PIPES ETC. SHALL BE ACOUSTICALLY SEALED AS SHOWN. ANY GAP LARGER THAN 1/2" SHALL BE COVERED WITH GYPSUM BORD. LAPPED A MINIMUM OF 2" AND SCREWED BEFORE USING ACOUSTICAL SEALANT.

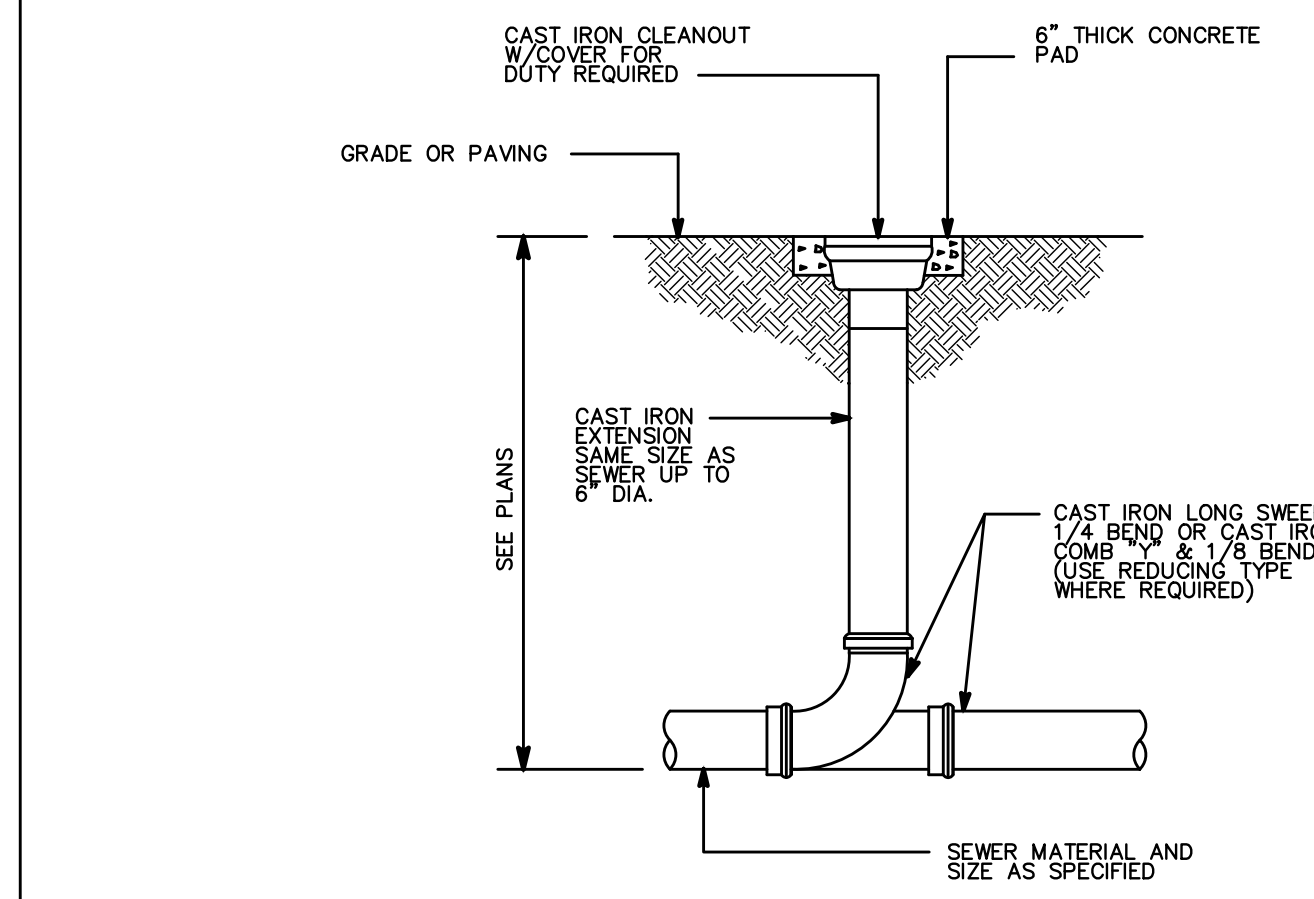


PIPE THRU ROOF DETAIL SCALE NONE C

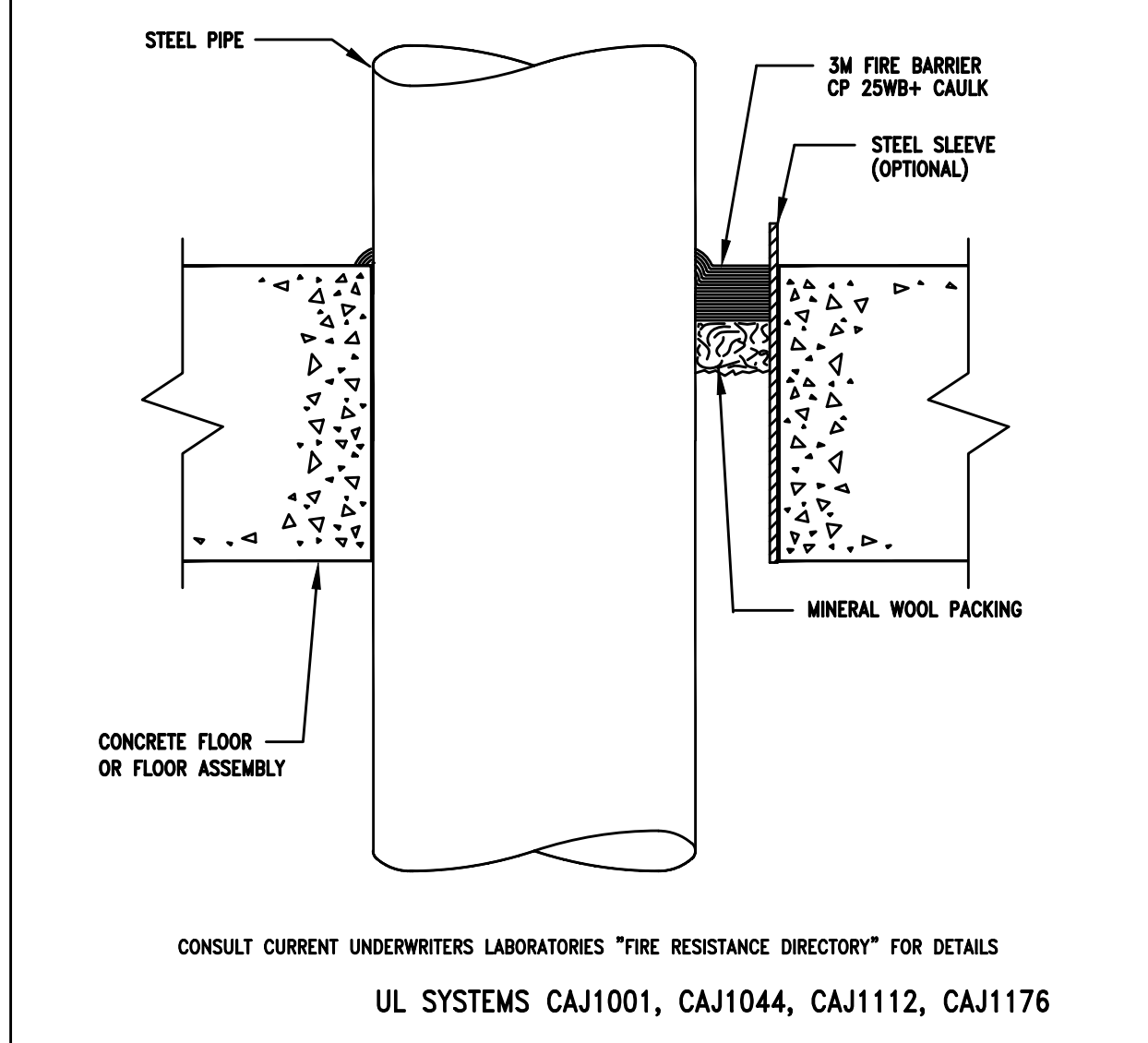
STANDALONE POINT-OF-USE HEATING APPLICATION



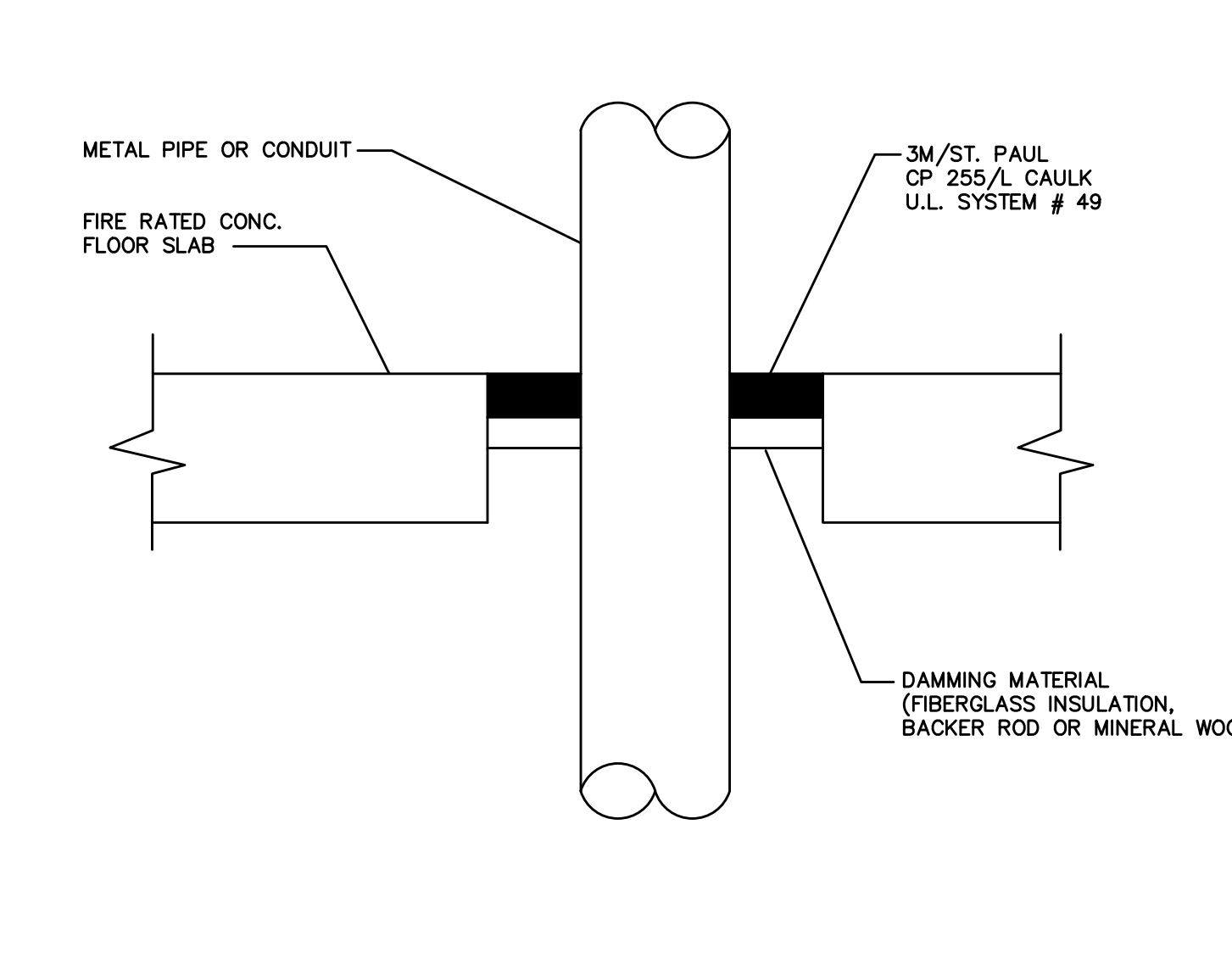
WATER HEATER DETAIL SCALE NONE B



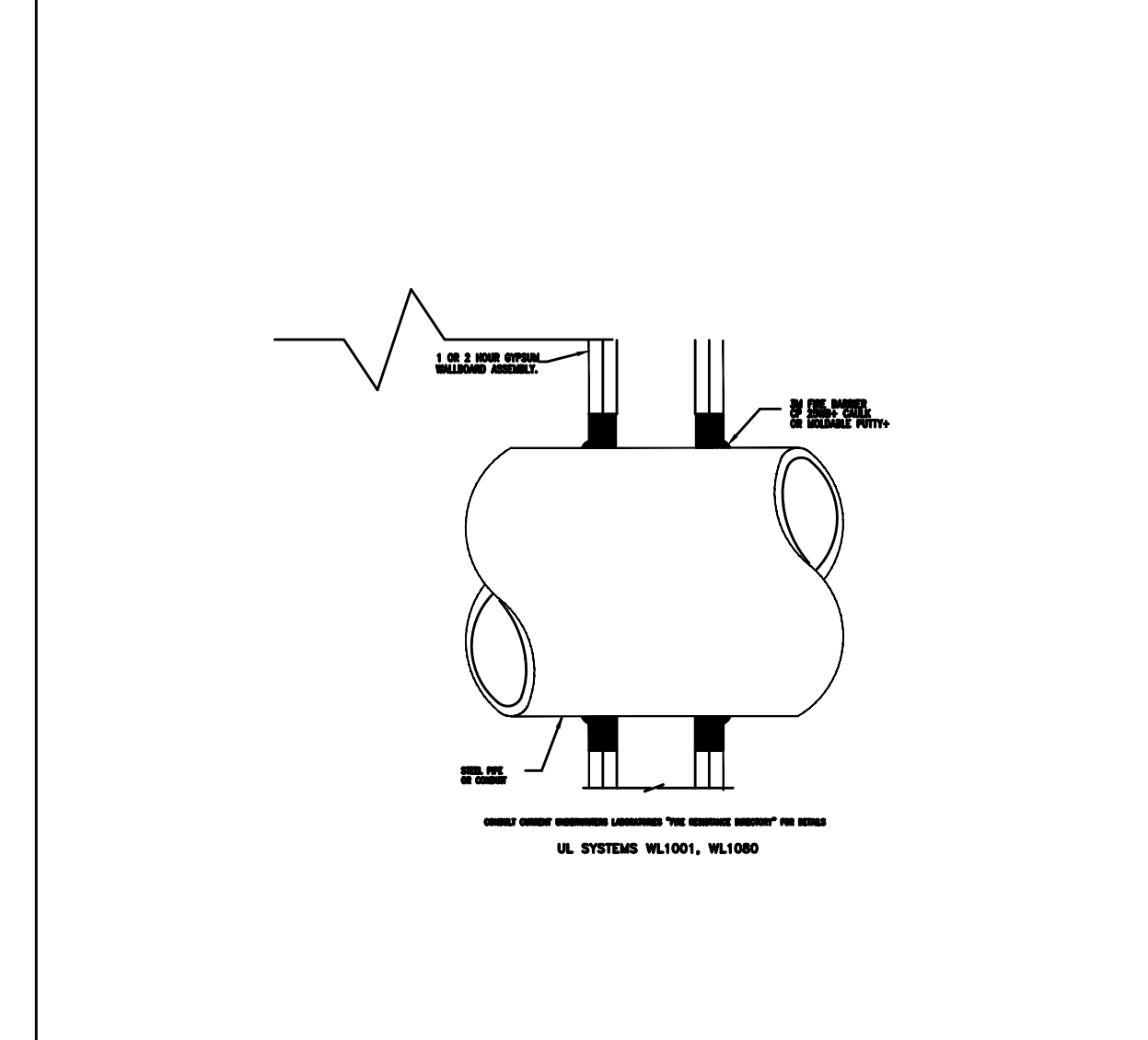
FLOOR CLEANOUT DETAIL SCALE NONE A



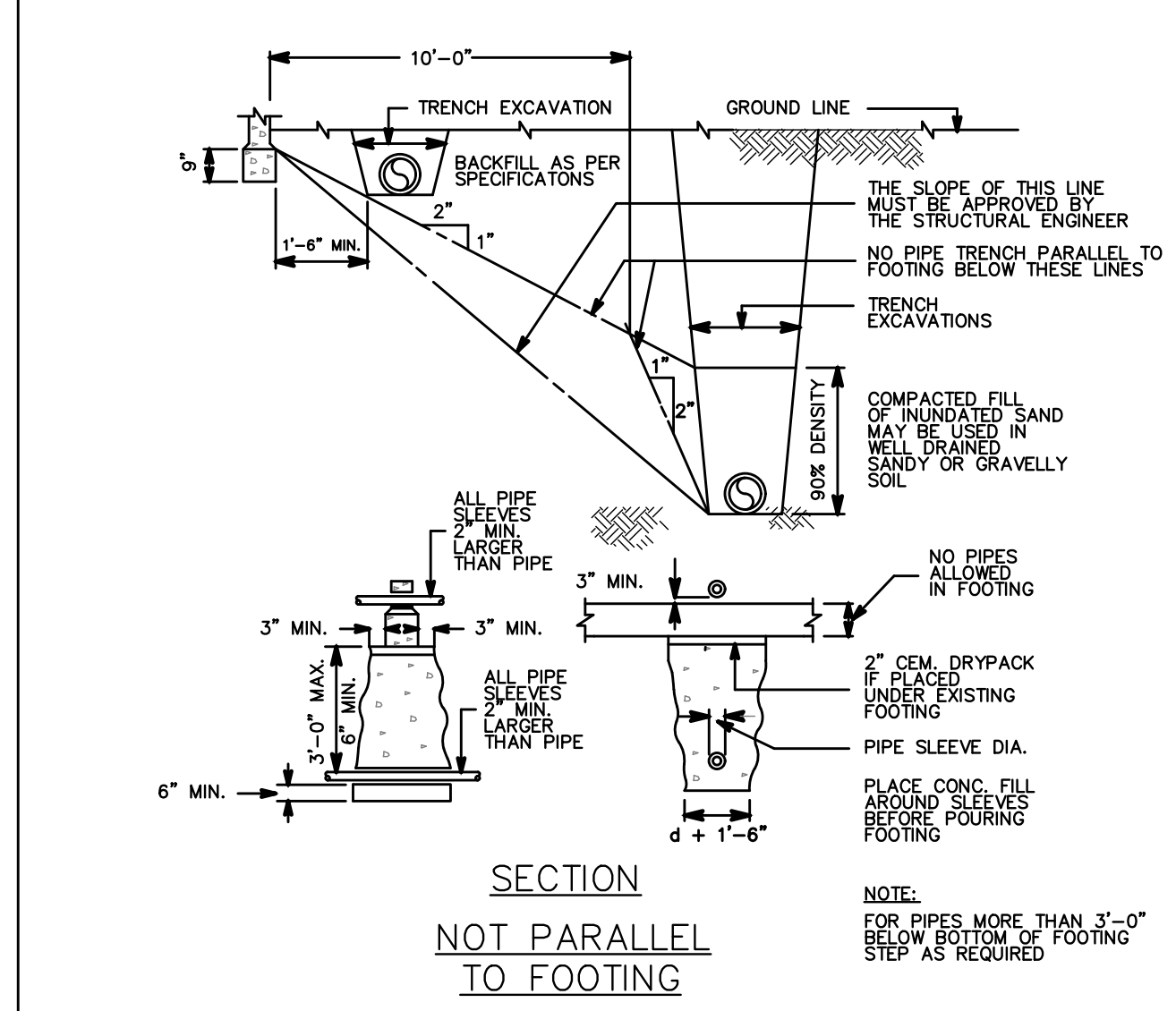
PIPE PENETRATION THRU THE FLOOR DETAIL SCALE NONE G



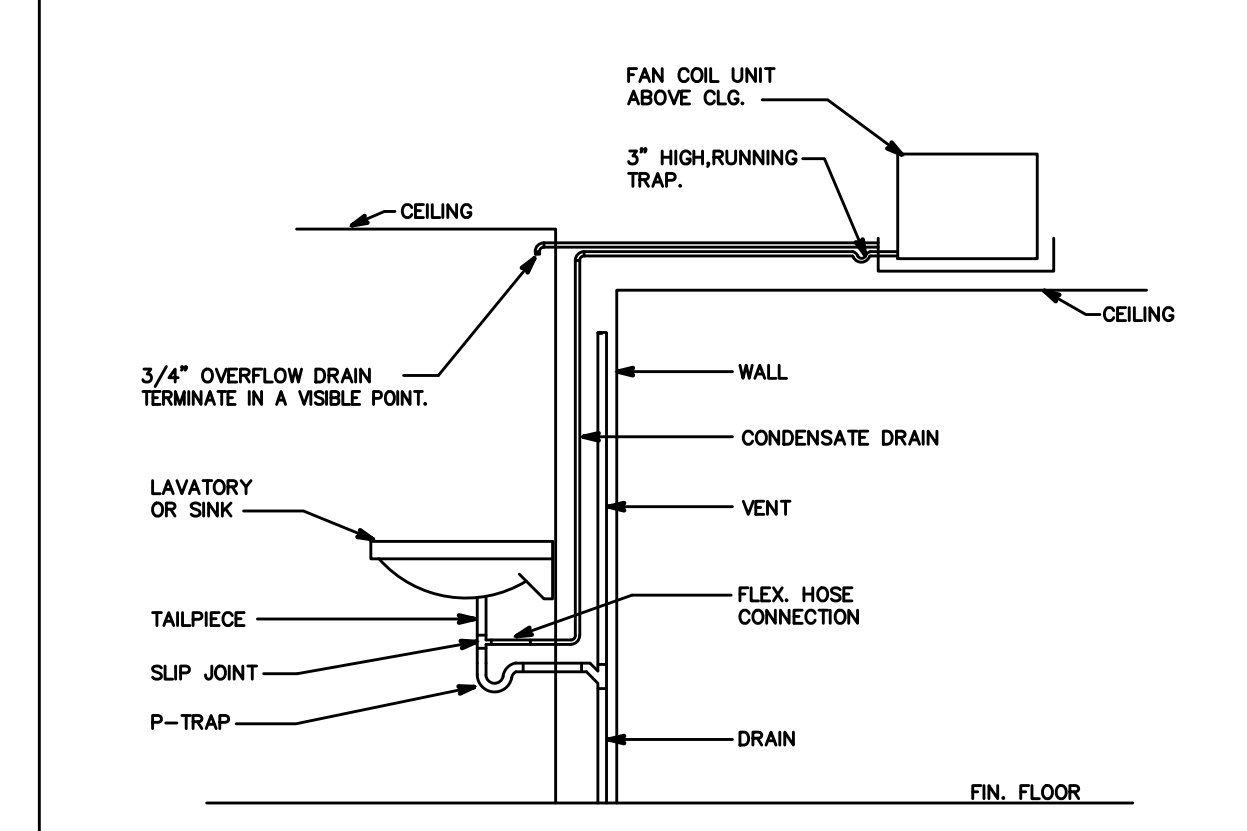
PIPE THRU RATED FLOOR DETAIL SCALE NONE F



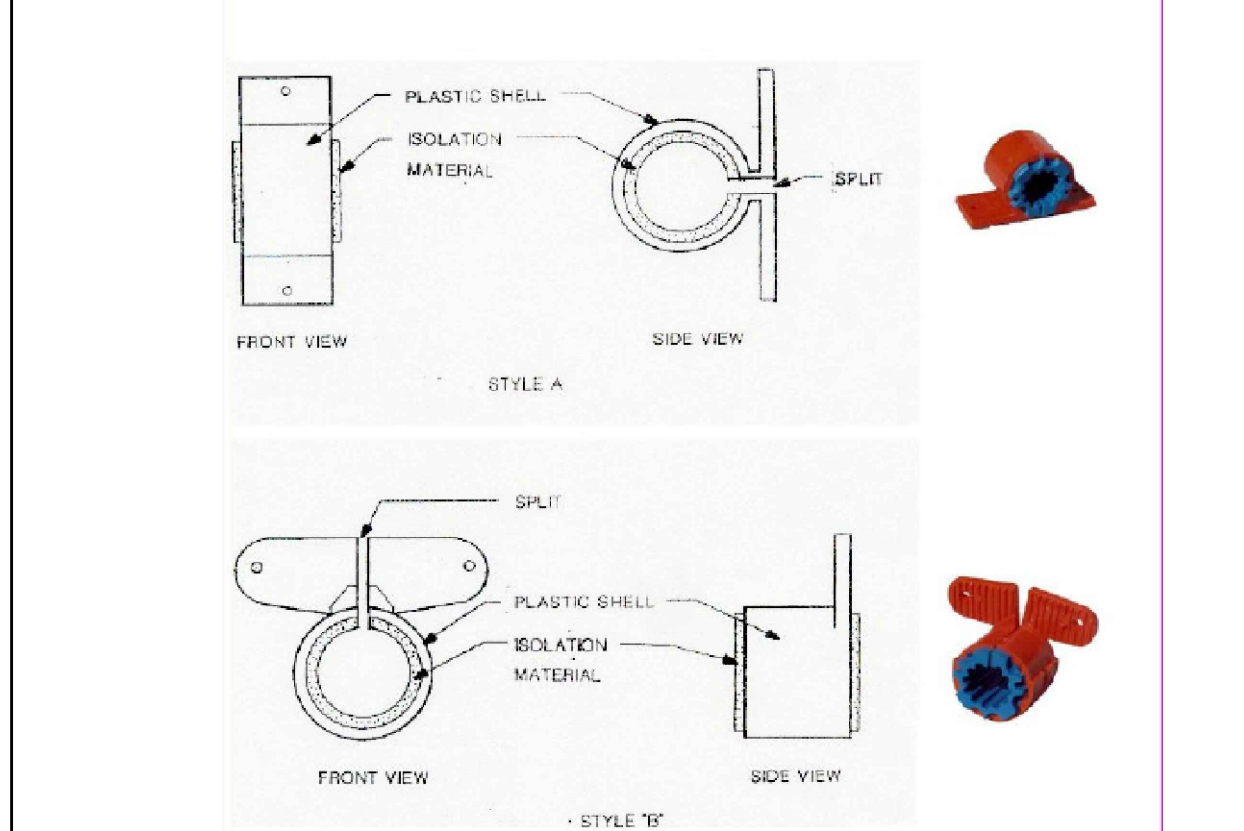
PIPE OR CONDUIT THRU THE WALL DETAIL SCALE NONE H



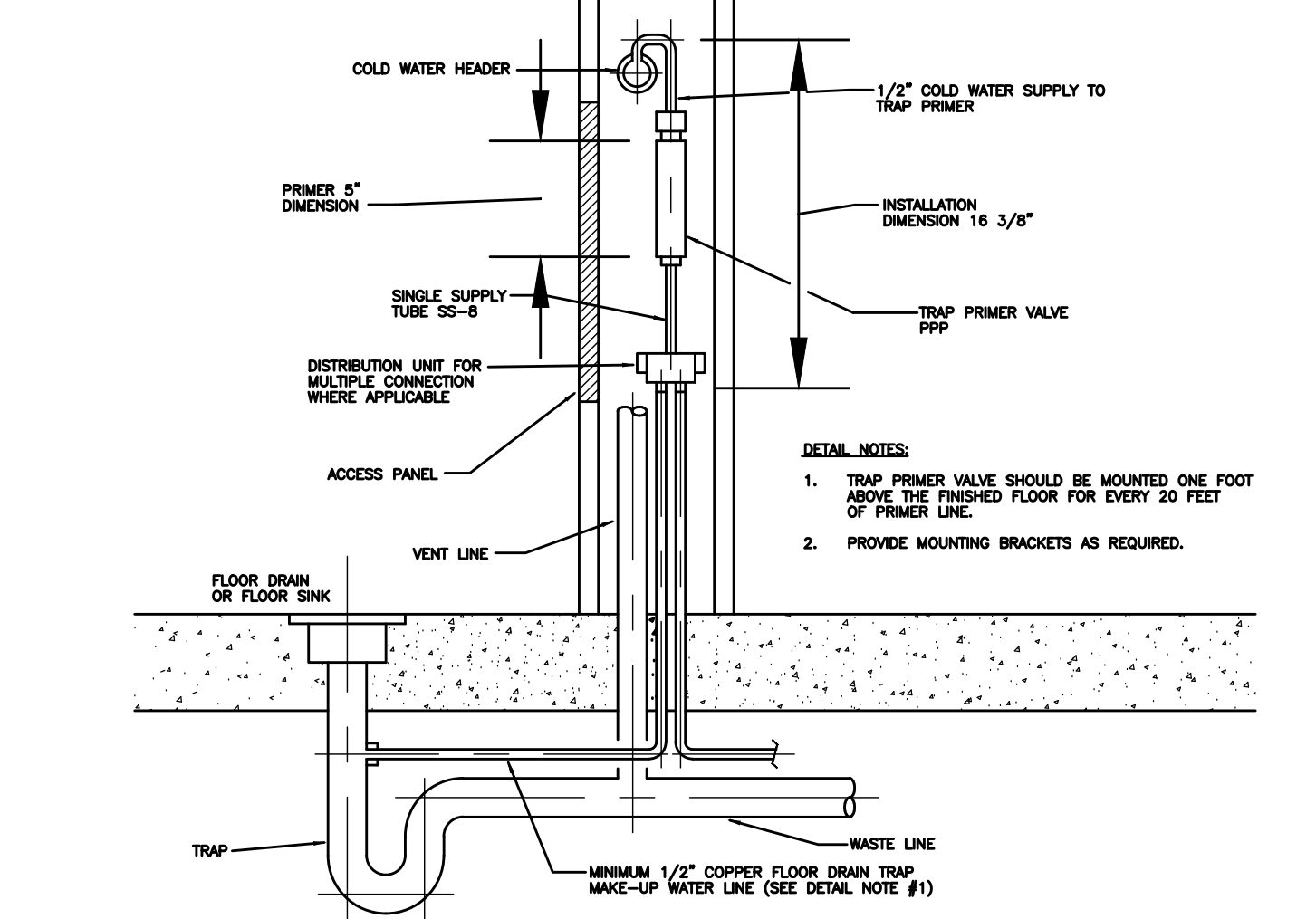
PIPING DETAIL AT FOOTING SCALE NONE E



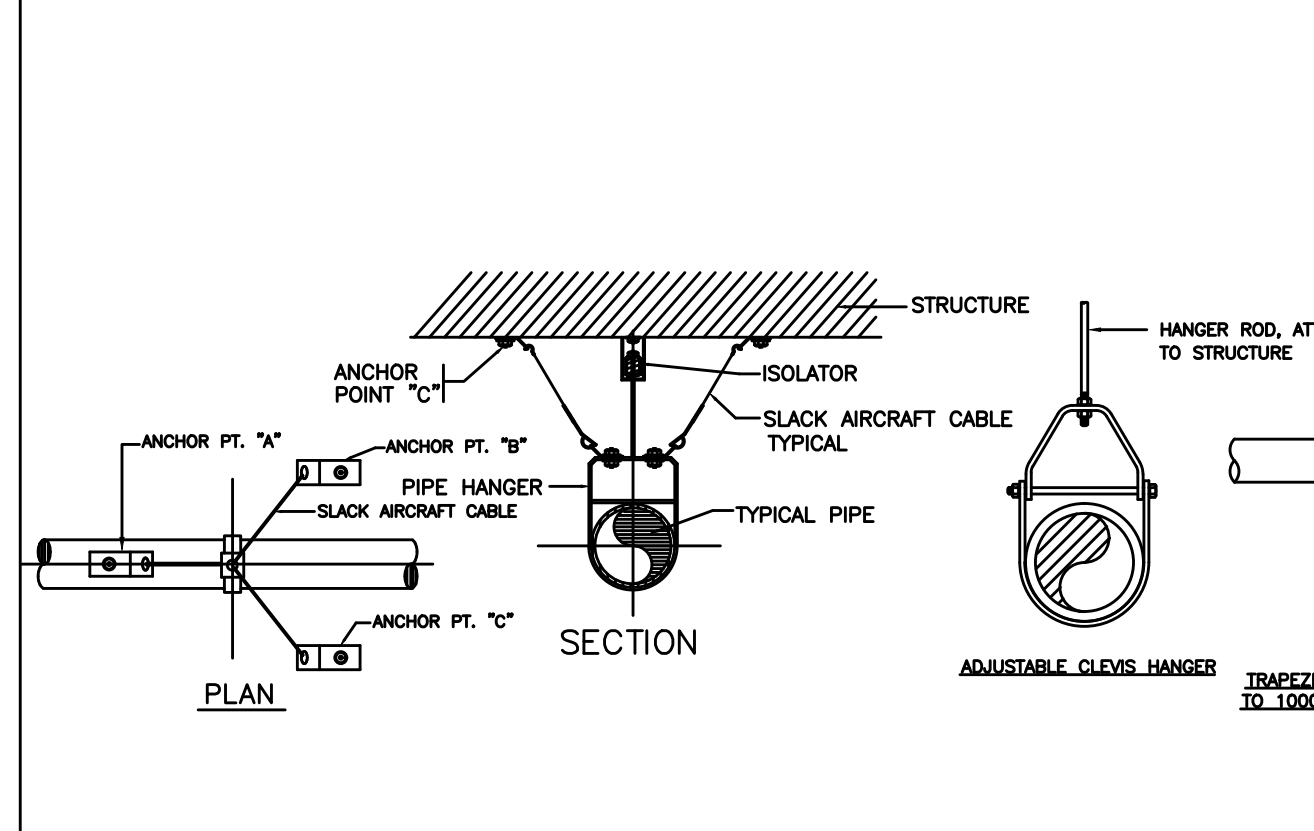
CONDENSATE DRAIN DETAIL SCALE NONE L



SINGLE PIPE SUPPORT DETAIL SCALE NONE K



TRAP PRIMER INSTALLATION DETAIL SCALE NONE J



SEISMIC BRACING PIPE HANGER DETAIL SCALE NONE I