

1 OVERALL SITE PLAN
SCALE: 1" = 40'-0"
TRUE NORTH

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-121968 INC:
REVIEWED FOR
SS FLS ACS
DATE: 12/20/2022

Architecture
PLLLP
9
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Rancho Cucamonga, CA. 91730
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ARCHITECTS STAMP:

STEVEN M. GELSING
5-21-23
FEDERAL DATE
STATE OF CALIFORNIA

CONSULTANT:

CONSULTANTS STAMP:

SCHOOL DISTRICT:
**BONITA UNIFIED
SCHOOL DISTRICT**

PROJECT:
**SAN DIMAS
HIGH SCHOOL
CULINARY ARTS
CLASSROOM
MODERNIZATION**

JOB NUMBER: 12.03.00
DATE: 08/25/21

REVISION: DATE: _____
REVISION: DATE: _____

DRAWING TITLE:
**OVERALL
SITE PLAN**

DRAWING NO.:

A1.1

GENERAL NOTES

- A. FOR TYP. SYMBOLS AND ABBREVIATIONS, SEE SHEET G1.0
- B. PROVIDE TEMPORARY 6' HIGH CHAIN LINK FENCE ENCLOSURES WITH SCREENING FABRIC AND LOCKABLE GATES AS REQUIRED FOR CONSTRUCTION ACCESS AT CONTRACTOR'S STAGING AREA AND AROUND ALL CONSTRUCTION SITES.
- C. WHERE REMOVAL OF CONCRETE WALKS, MOWSTRIPS, CURBS AND GUTTERS IS REQUIRED BY THE EXECUTION OF THIS CONTRACT, REMOVE THE CONCRETE WORK TO THE NEAREST EXISTING EXPANSION OR CONTROL JOINT (SAWCUT IF REQUIRED). REPLACE REMOVED WORK WITH REINFORCED CONCRETE TO MATCH ADJACENT EXISTING WORK IN PROFILE, JOINT LAYOUT AND FINISH. WHERE CONCRETE AND/OR ASPHALT PAVING IS DAMAGED BY THE EXECUTION OF THIS CONTRACT, PATCH & REPAIR TO ORIGINAL OR BETTER CONDITION.
- E. A MINIMUM OF 15% OF ALL WORK IS TO BE BY GENERAL CONTRACTOR IN-HOUSE NOTED OTHERWISE

KEYNOTES

- 1. EXISTING ACCESSIBLE PARKING STALLS, SIGNAGE, AND CROSSWALK (A# 03-113883)
- 2. EXISTING ACCESSIBLE (<2% EACH WAY) PATH-OF-TRAVEL (A# 03-113883)
- 3. EXISTING CURB RAMP (A# 03-113883)
- 4. EXISTING TOW-AWAY SIGN (A# 03-113883)
- 5. EXISTING TOW-AWAY SIGN, RE. (A# 03-113655)
- 6. EXISTING FIRE LANE (A# 03-30913)
- 7. EXISTING FIRE HYDRANT (A#03-30913)
- 8. EXISTING ACCESSIBLE STUDENT TOILETS (A# 03-108074)
- 9. EXISTING ACCESSIBLE STAFF TOILETS (A# 03-108074)
- 10. EXISTING ACCESSIBLE STUDENT TOILETS (A# 03-113218)
- 11. EXISTING GENDER NEUTRAL STAFF TOILET (A# 03-108074)
- 12. EXISTING ACCESSIBLE (< 2% EACH WAY) PATH OF TRAVEL (A# 03-108074)
- 13. EXISTING ACCESSIBLE DROP-OFF (A# 03-113883)
- 14. EXISTING ACCESSIBLE CITY OF SAN DIMAS PUBLIC POOL PARKING STALLS
- 15. EXISTING ACCESSIBLE STUDENT TOILETS (A#03-108074) TO BE UPGRADED, RE: A2.2
- 16. EXISTING CULINARY CLASSROOM (A#03-108074) TO BE UPGRADED, RE: A2.1
- 17. EXISTING ACCESSIBLE GATE (A# 03-108074)
- 18. EXISTING ACCESSIBLE STAFF TOILETS (A#03-108074) TO BE UPGRADED, RE: A2.2
- 19. REPAINT EXISTING PAVEMENT STRIPPING, RE: 1/A1.2
- 20. NEW TOW-AWAY SIGN, RE: 3/A1.2

LEGEND

- EXISTING BUILDING
- EXISTING ACCESSIBLE TOILETS A#03-108074
B=BOYS M=MENS GA=GENDER NEUTRAL ADULT
G=GIRLS W=WOMENS GS=GENDER NEUTRAL STUDENT
- ACCESSIBLE ENTRY
- EXISTING ACCESSIBLE PATH OF TRAVEL

PARKING LOT ANALYSIS

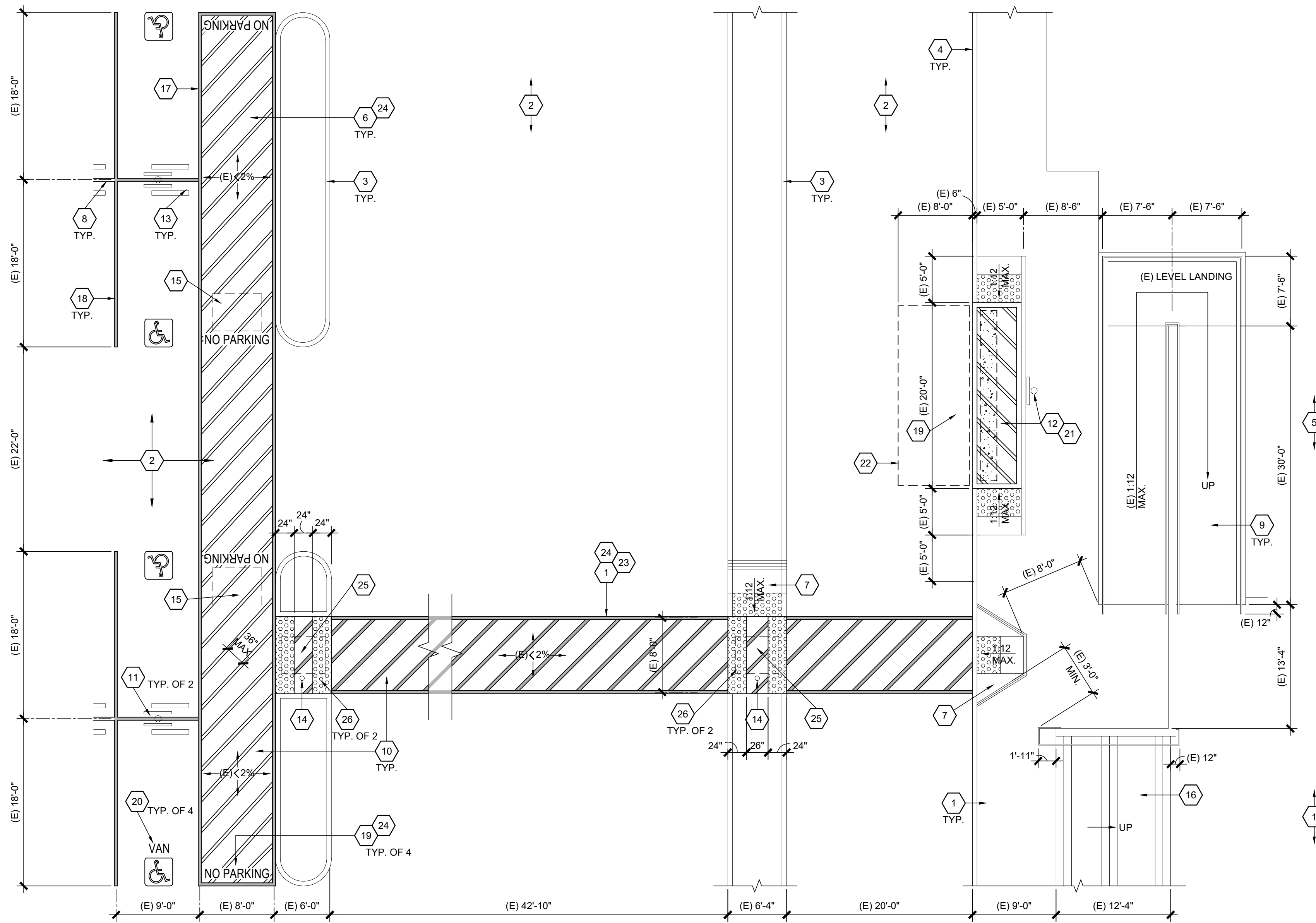
- PARKING LOT 1 A#113883**
227 EXISTING STANDARD STALLS
5 EXISTING ACCESSIBLE STALLS
8 EXISTING ACCESSIBLE VAN STALL
- PARKING LOT 2 A#113655**
96 EXISTING STANDARD STALLS
4 EXISTING ACCESSIBLE STALLS
1 EXISTING ACCESSIBLE VAN STALL

PATH OF TRAVEL TECHNICAL REQ. FOR ACCESSIBLE ROUTE

"ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF THE TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL."

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

"THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."



1 EXISTING PATH OF TRAVEL
SCALE: 1/8" = 1'-0"
PARKING LOT 1
(#03-113883)

KEYNOTES

1. EXISTING CONCRETE SIDEWALK (< 2% ALL DIRECTIONS) TO REMAIN, PROTECT
2. EXISTING ASPHALTIC CONCRETE PAVING TO REMAIN, PROTECT
3. EXISTING CONCRETE RAISED ISLAND TO REMAIN, PROTECT
4. EXISTING CONCRETE CURB TO REMAIN, PROTECT
5. EXISTING TURF TO REMAIN, PROTECT
6. EXISTING ACCESSIBLE (< 2% ALL DIRECTIONS) ASPHALTIC CONCRETE PAVING TO REMAIN
7. EXISTING ACCESSIBLE CURB RAMP TO REMAIN, (A# 03-113883), PROTECT, RE: 1/A1.3
8. EXISTING WHITE PARKING STALL STRIPE TO REMAIN, PROTECT
9. EXISTING ACCESSIBLE CONCRETE RAMP AND RAILINGS TO REMAIN, (A#03-108074), PROTECT
10. RE-PAINT ALL EXISTING PAINTED (YELLOW, WHITE, AND BLUE) STRIPING, SYMBOLS, AND LETTERING AS SPECIFIED
11. EXISTING DOUBLE-SIDED ACCESSIBLE PARKING STALL SIGN TO REMAIN (A#03-113883), PROTECT, RE: 10/A1.3
12. EXISTING ACCESSIBLE LOADING ZONE AND DIRECTIONAL SIGN TO REMAIN, (A#03-113883), CLEAN AND PROTECT, RE: 10C/A1.3
13. EXISTING CONCRETE WHEEL STOP TO REMAIN, PROTECT
14. EXISTING PIPE BOLLARD TO REMAIN, RE-Paint YELLOW
15. REMOVE EXISTING SURFACE-MOUNTED TRUNCATED DOMES
16. EXISTING CONCRETE STAIRS AND RAILINGS TO REMAIN (A#03-108074), PROTECT
17. RE-PAINT EXISTING ACCESSIBLE (EXISTING < 2% ALL DIRECTIONS) CROSSWALK AND/OR PATH OF TRAVEL WITH 4" W. PAINTED BLUE (FEDERAL STD. 595C, COLOR: 15090) BORDER AND 4" W. PAINTED WHITE DIA. STRIPING AT 36" O.C.
18. RE-PAINT EXISTING 4" W. PAINTED BORDER BLUE (FEDERAL STD. 595C, COLOR: 15090) PARKING STALL LINE
19. RE-PAINT EXISTING 12" W. PAINTED WHITE TRAFFIC CONTROL WORDS, RE: 4/A1.2
20. RE-PAINT EXISTING 36" SQ. PAINTED ACCESSIBLE PARKING STALL SYMBOL, RE: 2/A1.2
21. RE-PAINT EXISTING ACCESSIBLE (EXISTING < 2% ALL DIRECTIONS) W/4" W. PAINTED WHITE STRIPING (BORDER AND DIAGONAL)
22. NEW 4" W. X 36" L. PAINTED WHITE DASHED LINE
23. RE-PAINT EXISTING CONCRETE PAVING CROSS WALK (EXISTING < 2% ALL DIRECTIONS) WITH 4" W. PAINTED BLUE (FEDERAL STD 595C, COLOR: 15090) BORDER AND DIAGONAL STRIPING
24. BLACK-OUT ALL EXISTING WORDS OR SYMBOLS NOT SHOWN
25. REMOVE EXISTING SURFACE-MOUNTED TRUNCATED DOMES
26. NEW 24" D. X 96" W. SURFACE-MOUNTED TRUNCATED DOMES, RE: 4/A1.3 SIM.

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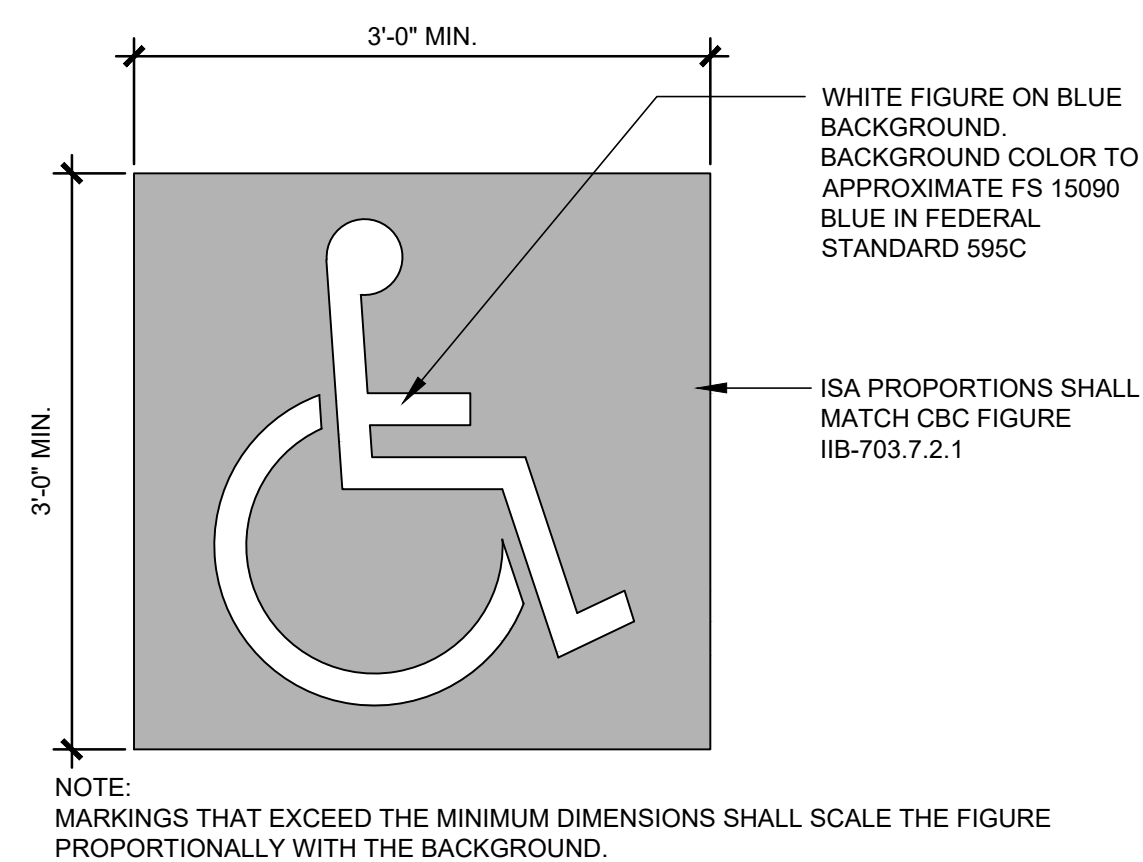
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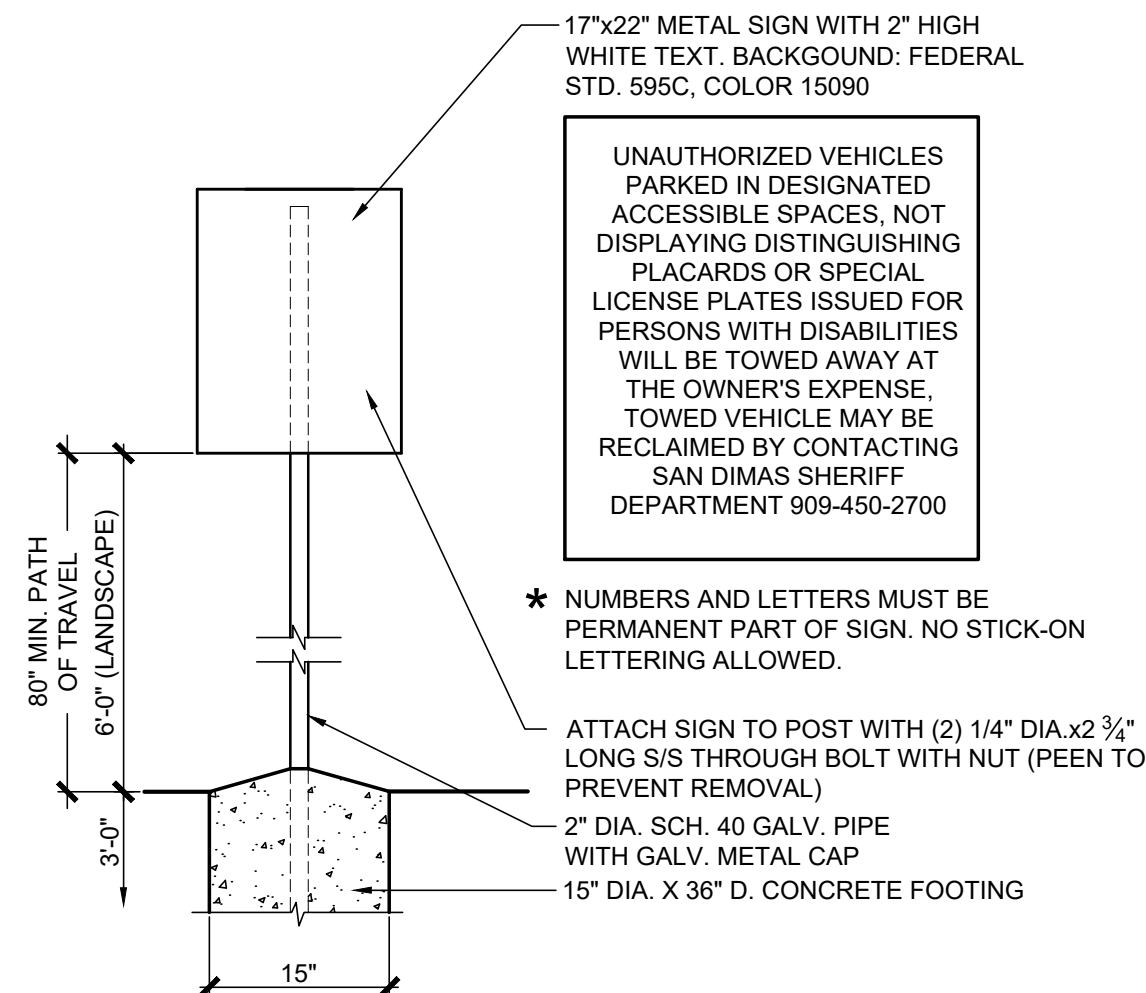
REVISION: DATE: _____
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DRAWING TITLE:
**ENLARGED
PARKING LOT &
SITE DETAILS**

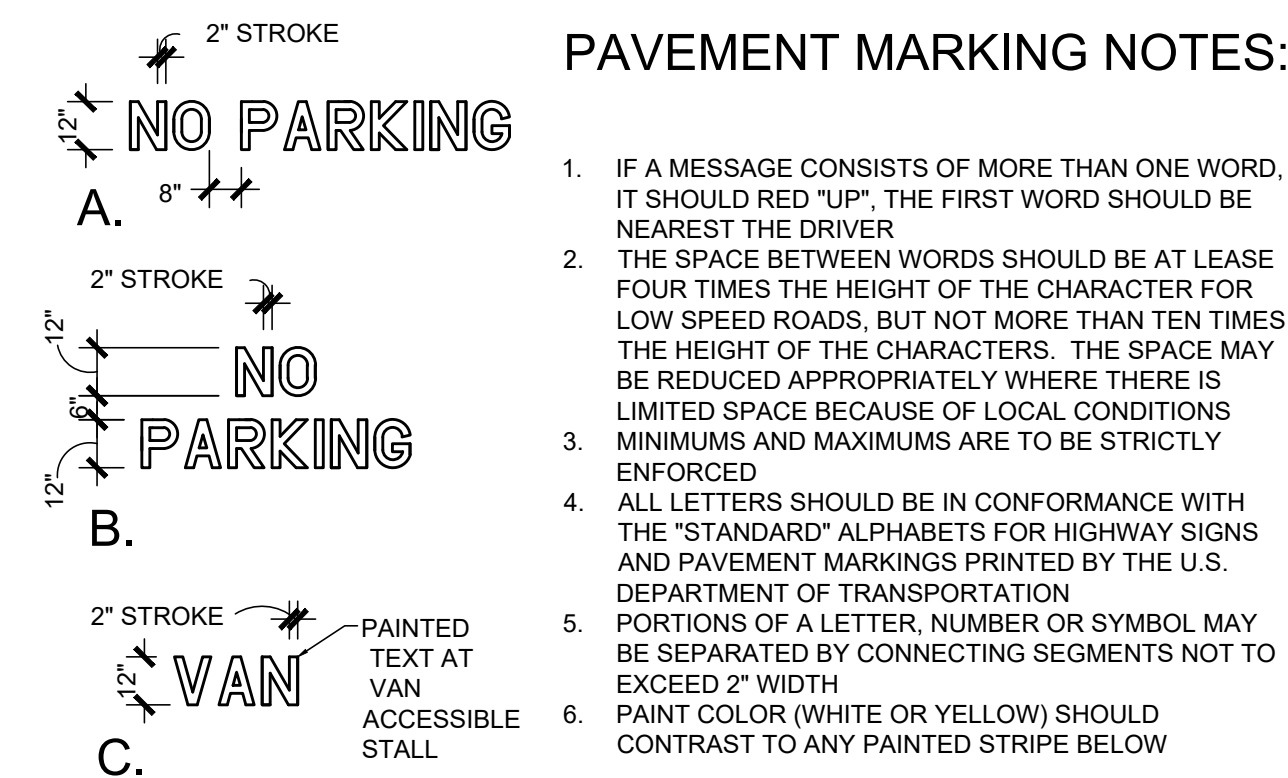
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2 ACCESSIBLE PARKING SYMBOL
SCALE: 1" = 1'-0"

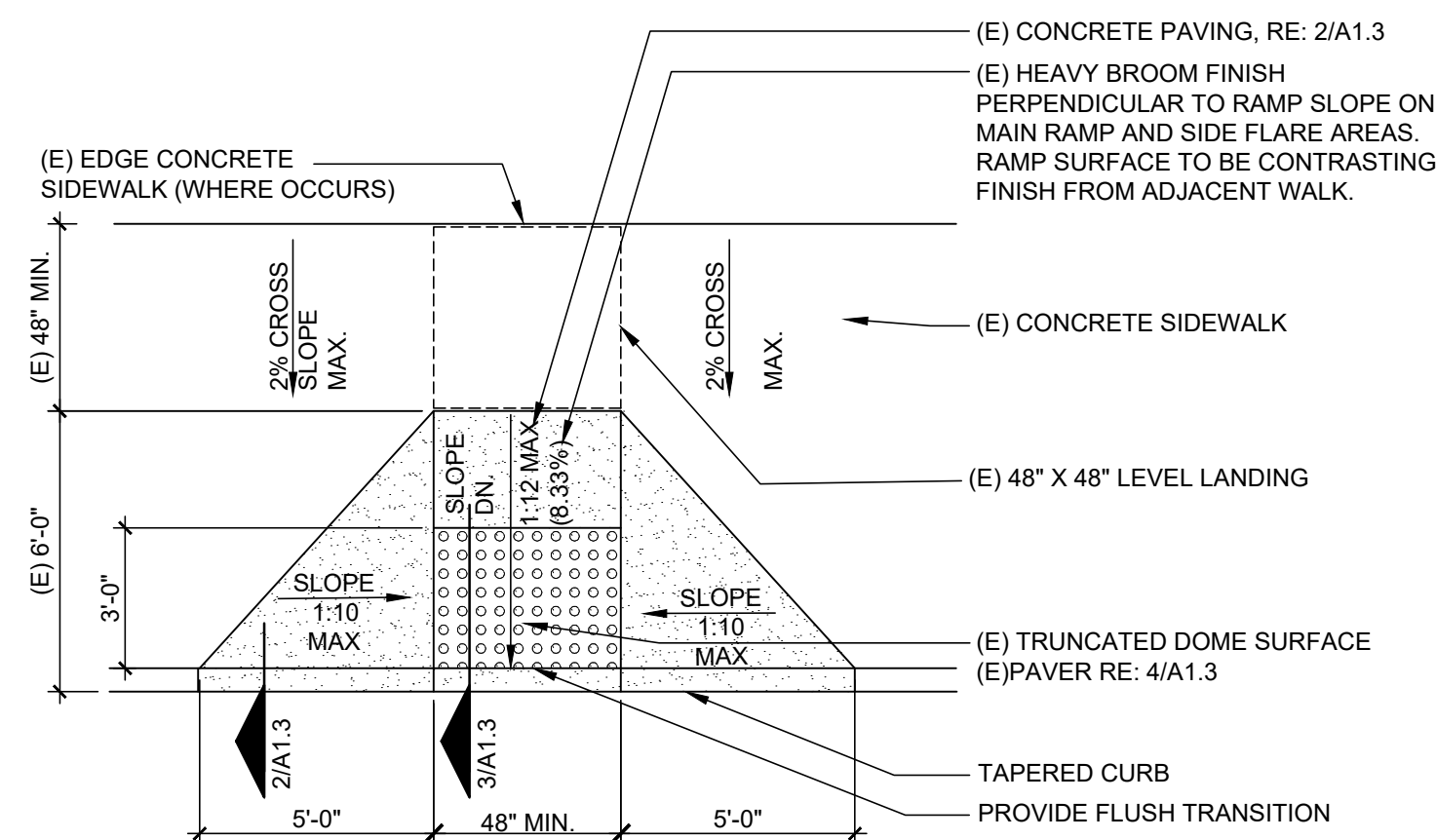


3 TOW-AWAY SIGN
SCALE: 3/4" = 1'-0"

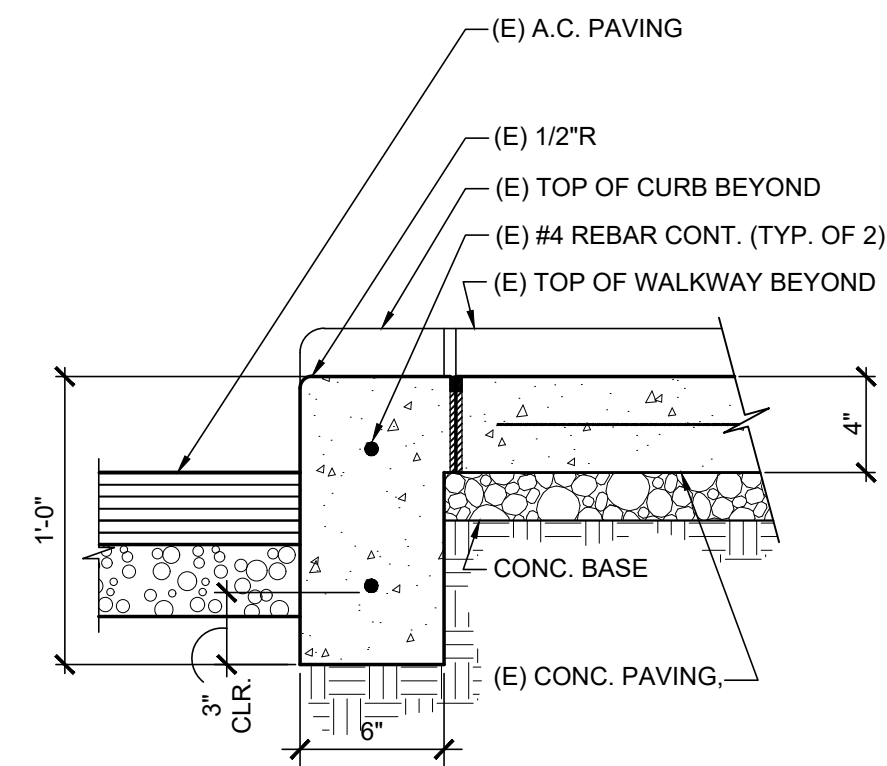


4 TRAFFIC CONTROL PAVEMENT MARKING
SCALE: 1/4" = 1'-0"

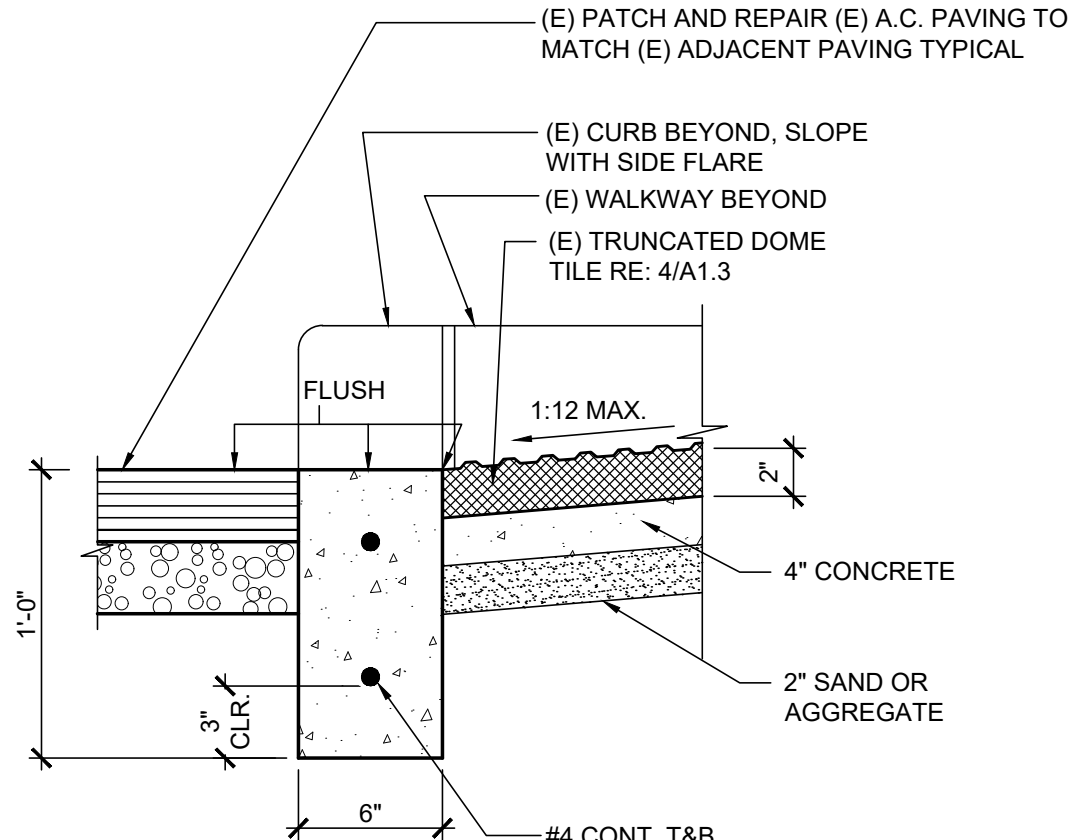
A1.2



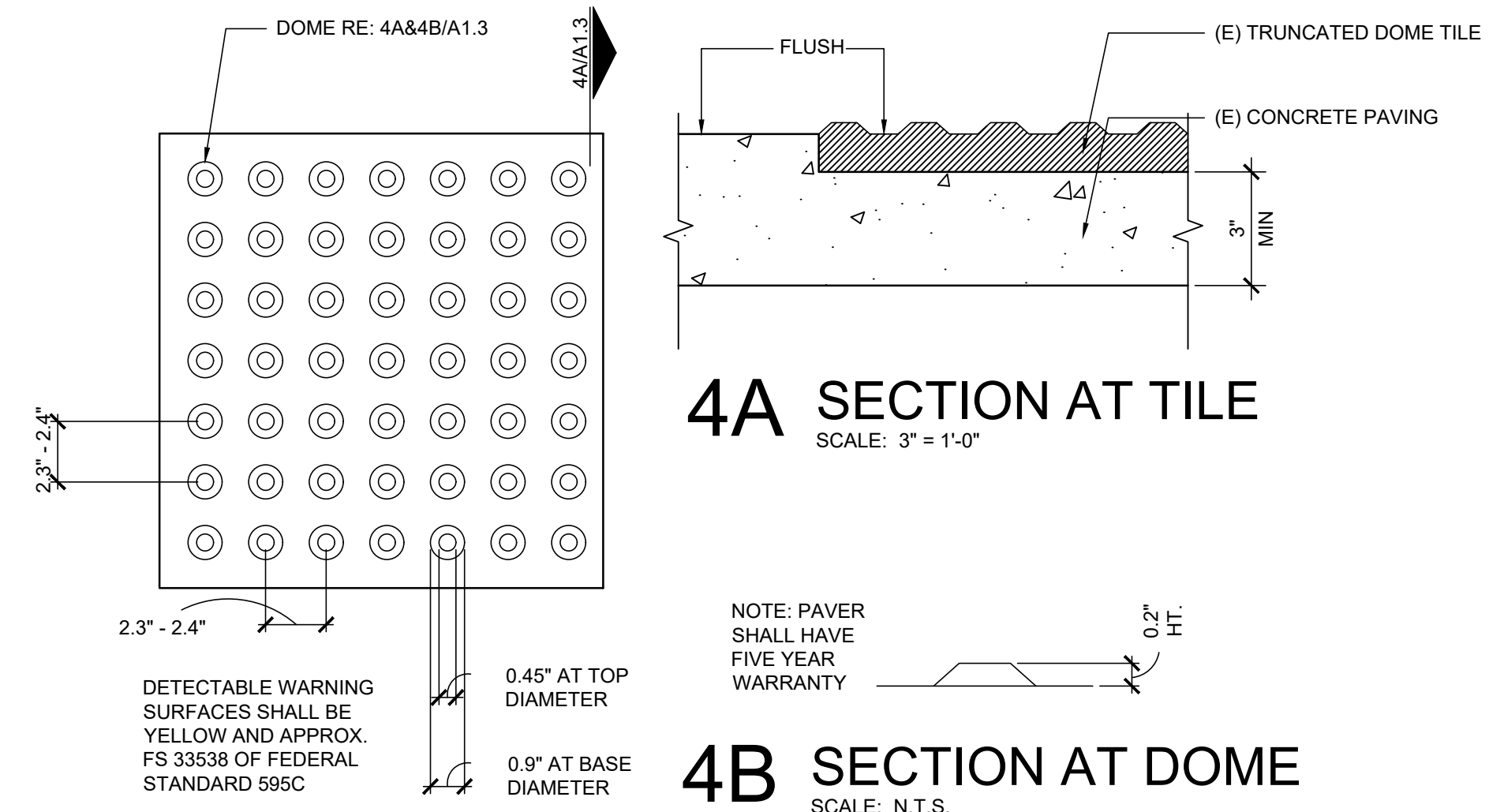
1 ACCESSIBLE CURB RAMP
SCALE: 1/4" = 1'-0"
EXISTING
A#03-113883



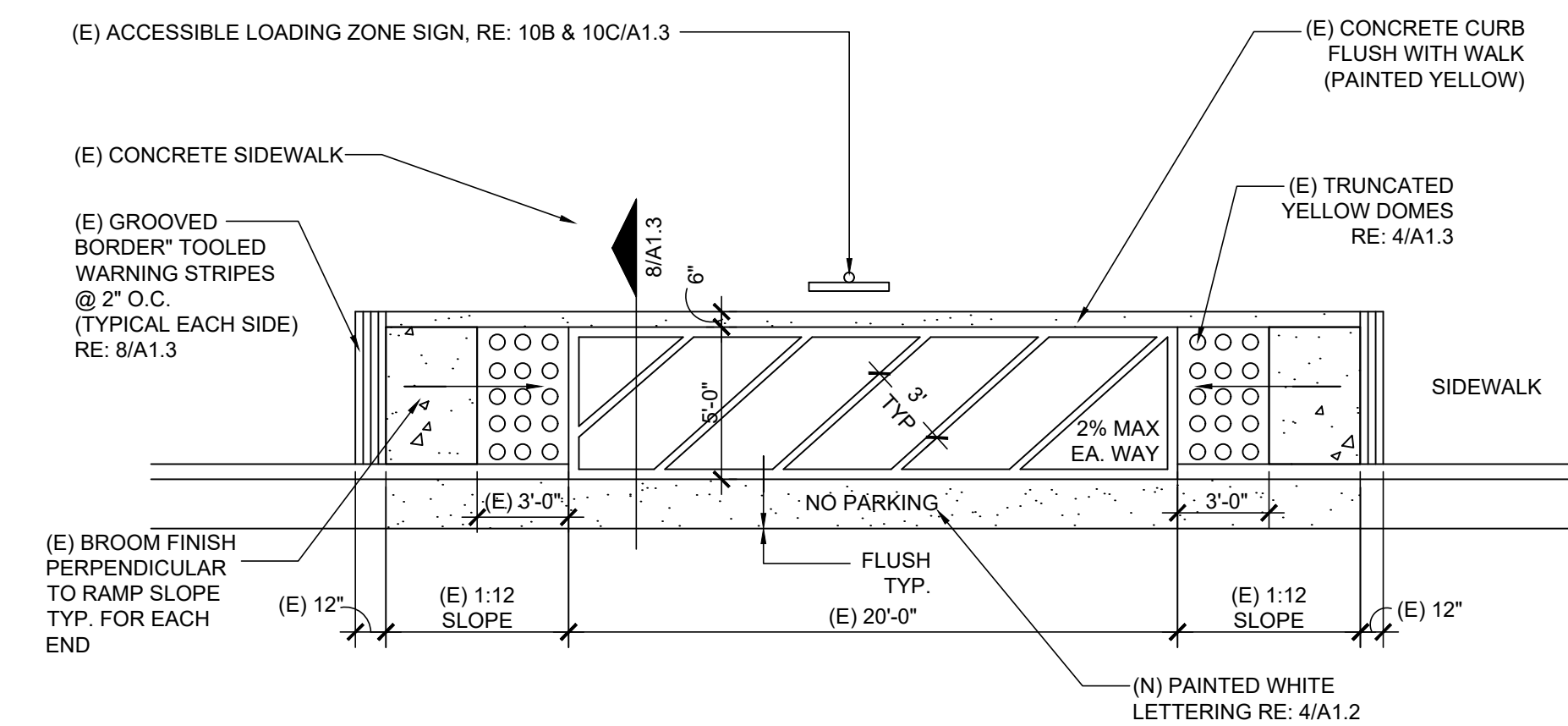
2 SECTION AT TAPERED CURB
SCALE: 1-1/2" = 1'-0"
EXISTING
A#03-113883



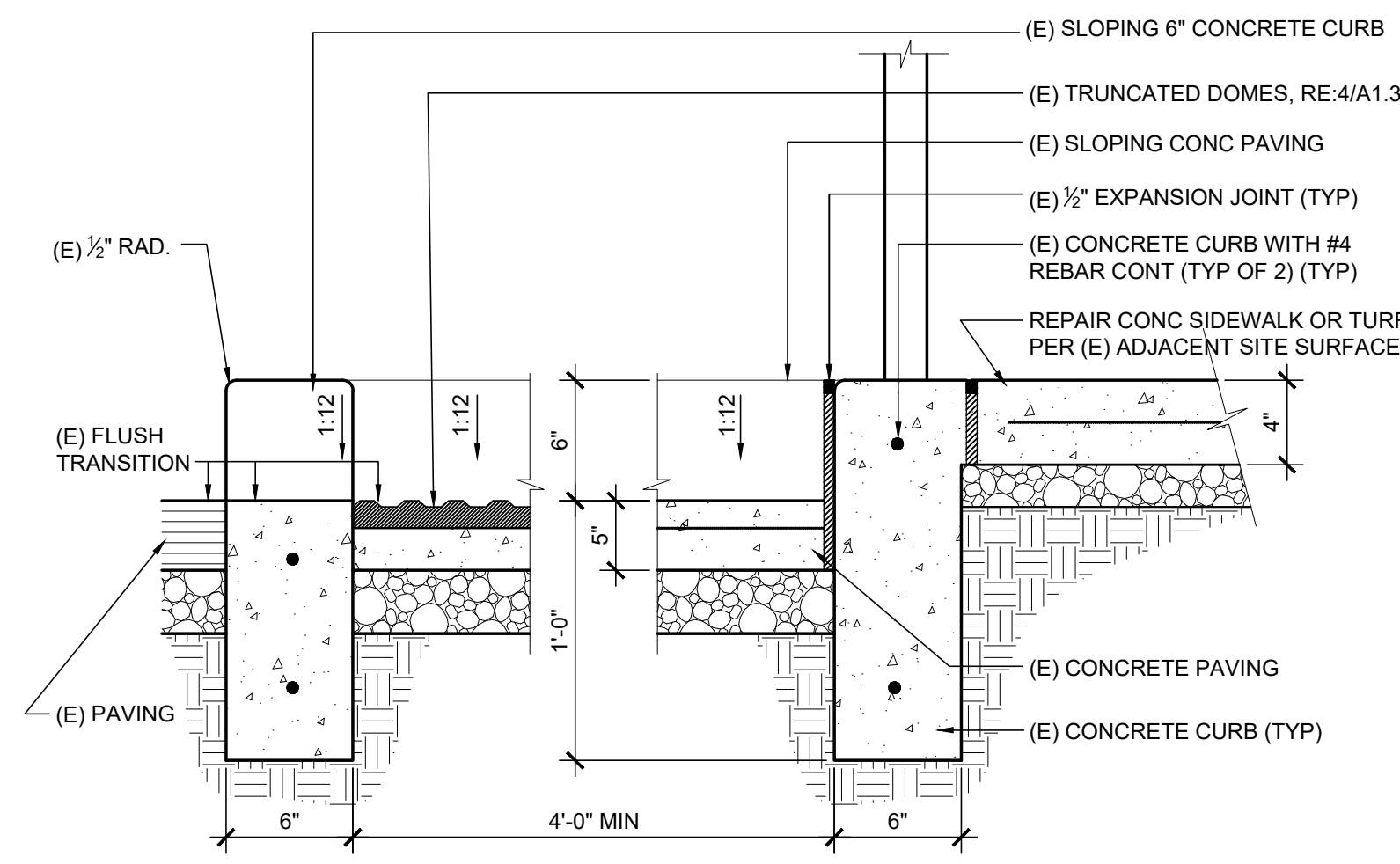
3 SECTION AT CURB RAMP
SCALE: 1-1/2" = 1'-0"
EXISTING
A#03-113883



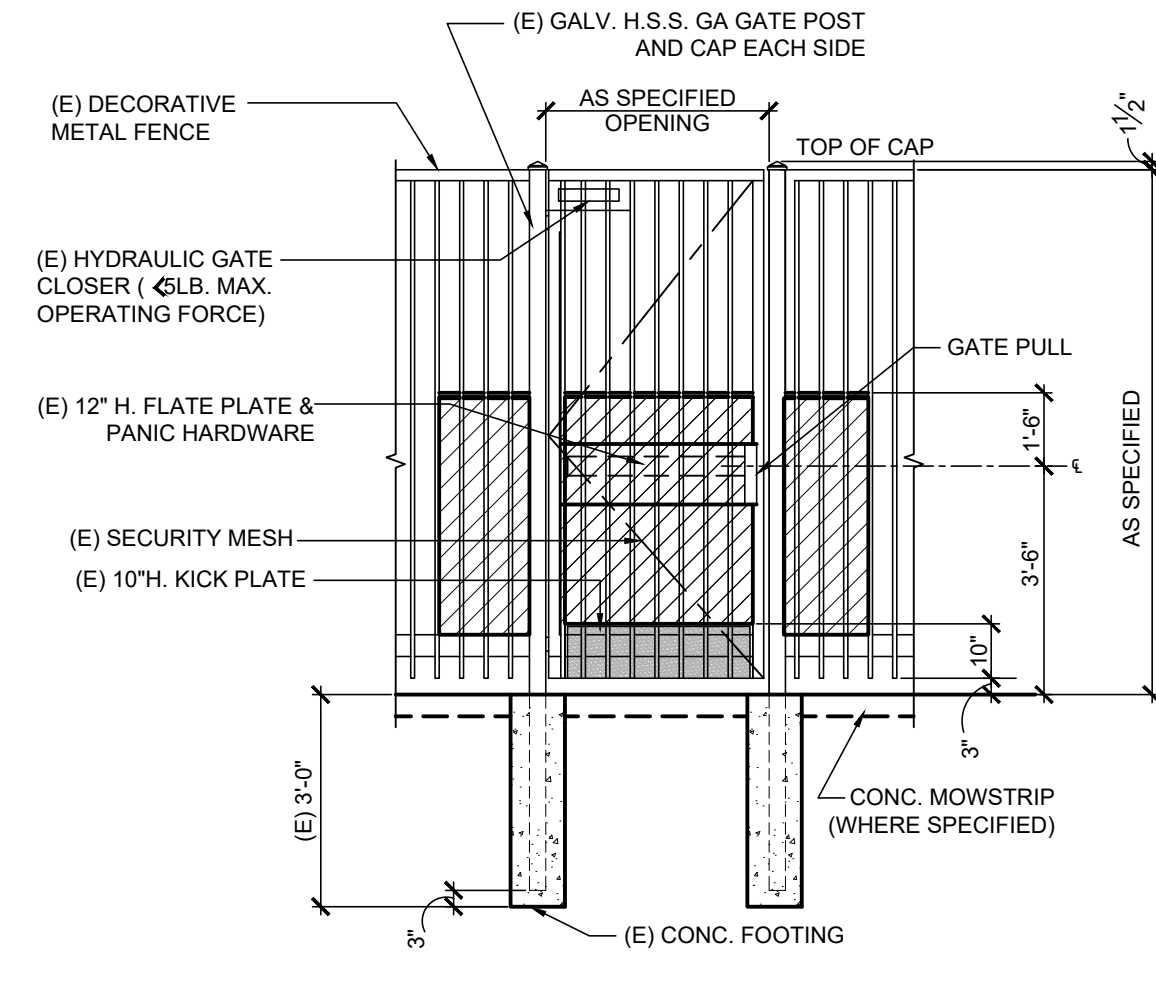
4 TRUNCATED DOME SURFACE
SCALE: 3" = 1'-0"
EXISTING
A#03-113883



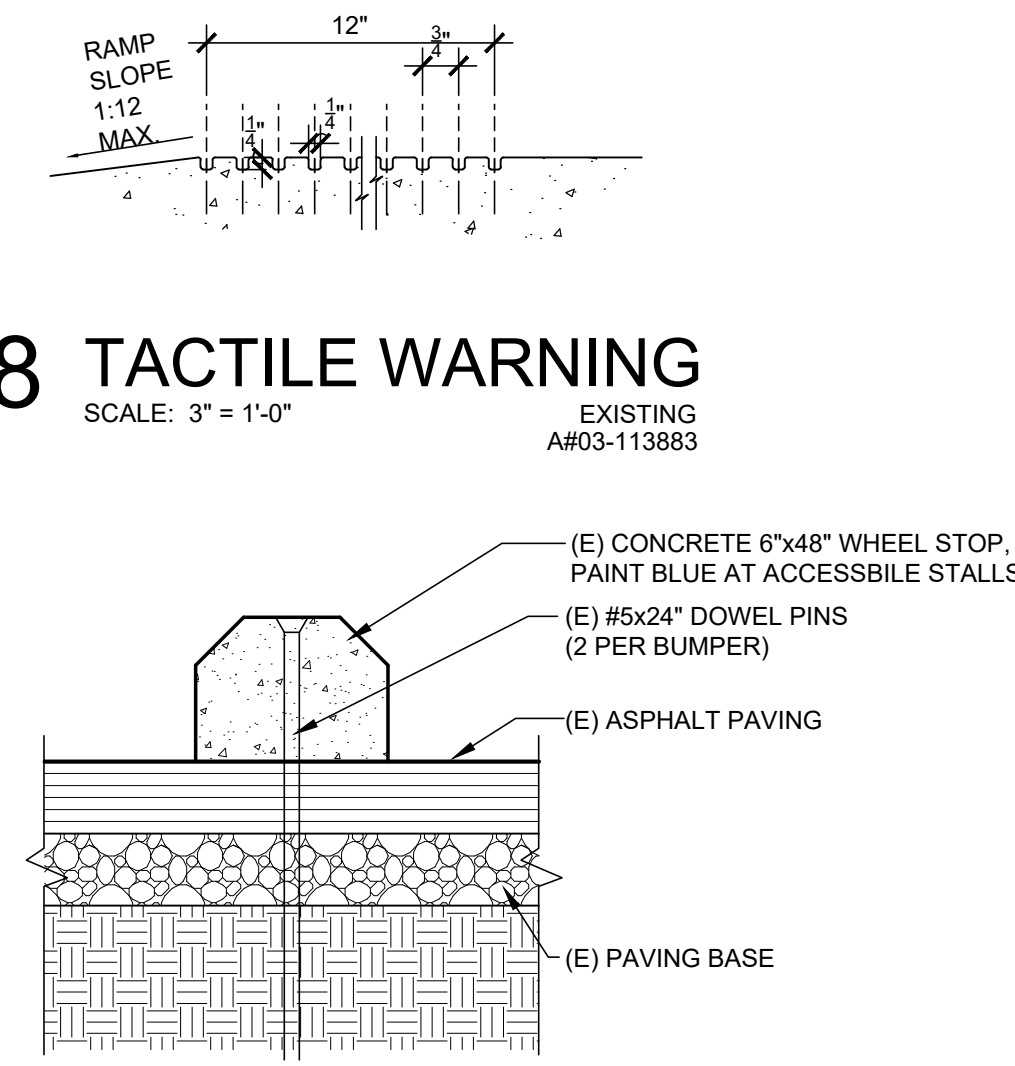
5 LOADING ZONE DETAIL
SCALE: 3/16" = 1'-0"
EXISTING
A#03-113883



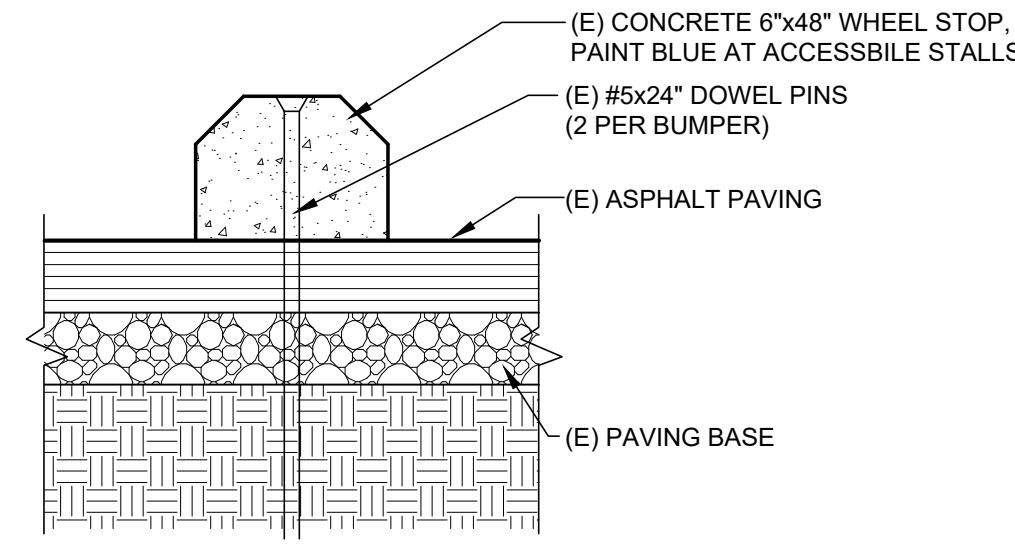
6 SECTION @ LOADING ZONE
SCALE: 3/16" = 1'-0"
EXISTING
A#03-113883



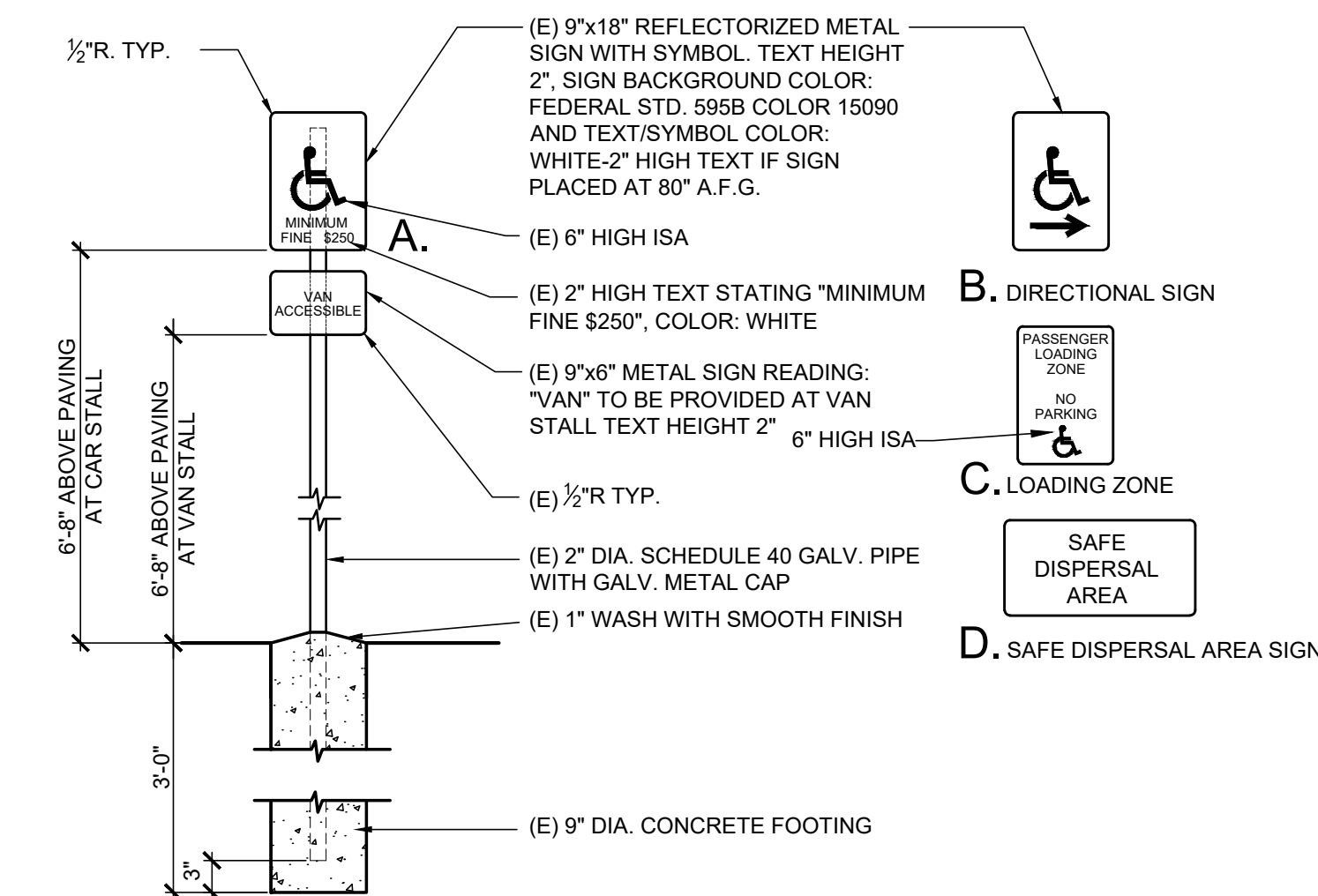
7 PANIC HARDWARE MAN GATE
SCALE: 3/8" = 1'-0"
EXISTING
A#03-108074



8 TACTILE WARNING
SCALE: 3" = 1'-0"
EXISTING
A#03-113883



9 WHEEL STOP
SCALE: 1-1/2" = 1'-0"
EXISTING
A#03-113883



10 ACCESSIBLE PARKING STALL SIGN
SCALE: 3/4" = 1'-0"
EXISTING
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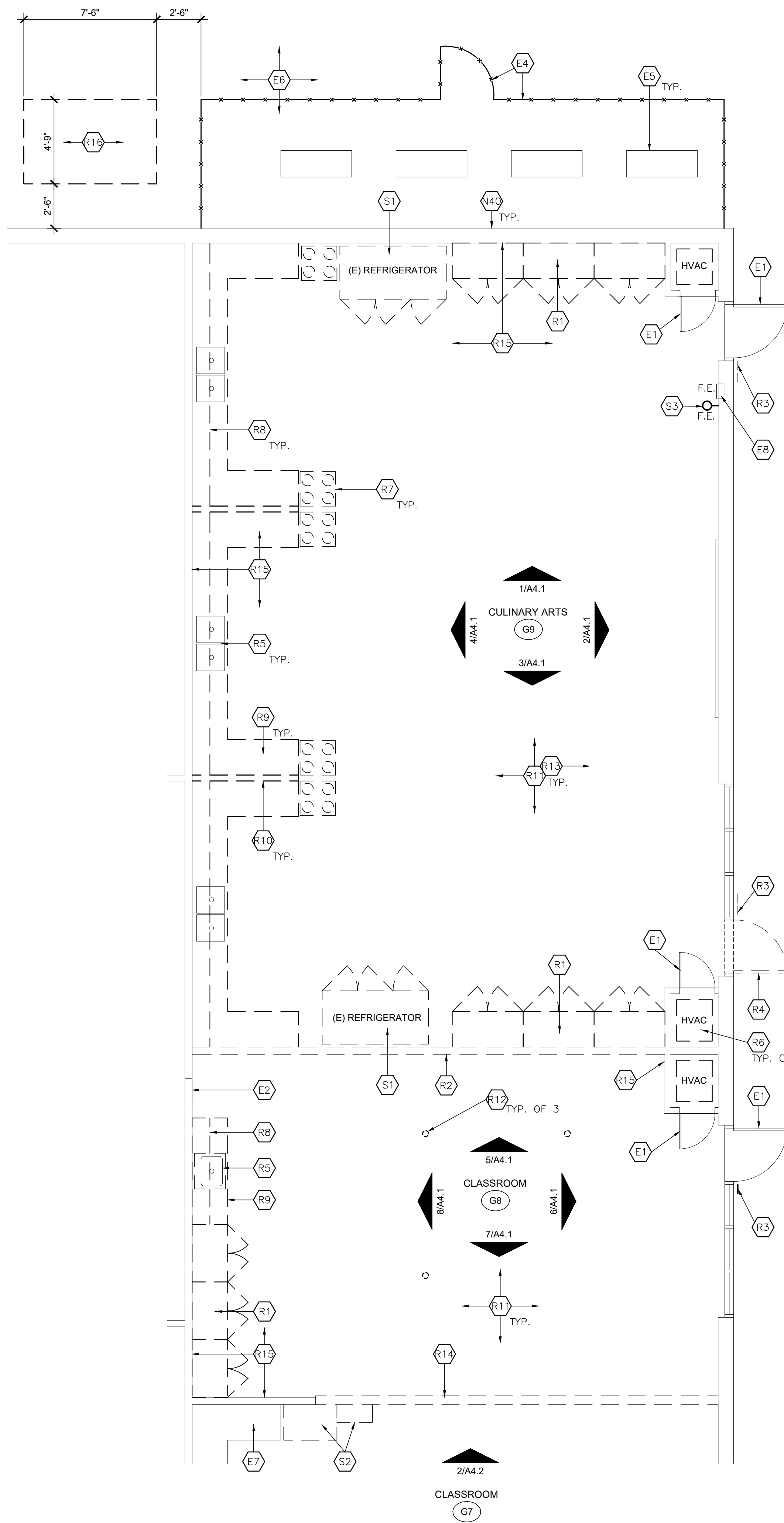
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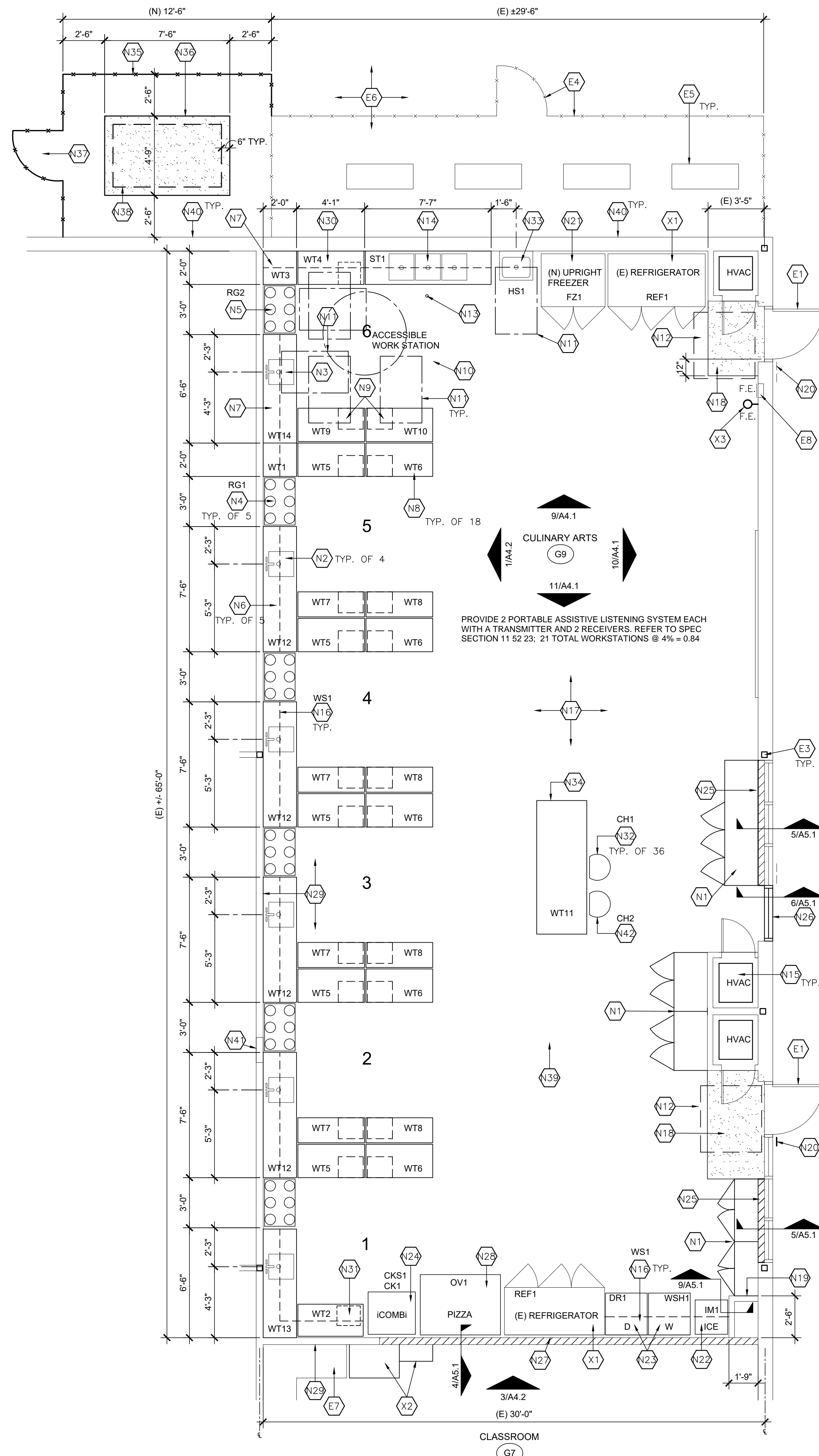
DRAWING TITLE:
**EXISTING
SITE DETAILS**

DRAWING NO.:

A1.3



1 DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"
NORTH



2 FLOOR PLAN
SCALE: 1/4" = 1'-0"
NORTH

GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS
- B. REFER TO ELECTRICAL, MECHANICAL, DRAWINGS FOR ADDITIONAL SCOPE OF WORK
- C. REPAIR ALL EXISTING WALL AND FLOOR SURFACES TO MATCH EXISTING ADJACENT CONSTRUCTION DUE TO DEMOLITION
- D. REMOVAL OF ALL FINISHES TO INCLUDE COMPLETE REMOVAL, AND DISPOSAL OF MATERIAL AND ADHESIVE (IF APPLICABLE)
- E. REFER TO DRAWING AB-1 FOR EQUIPMENT SCHEDULE
- F. A MINIMUM OF 15% OF SCOPE OF WORK MUST BE PERFORMED IN-HOUSE BY GENERAL CONTRACTOR

KEYNOTES

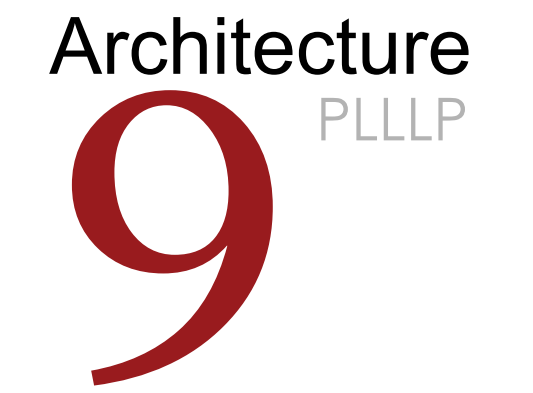
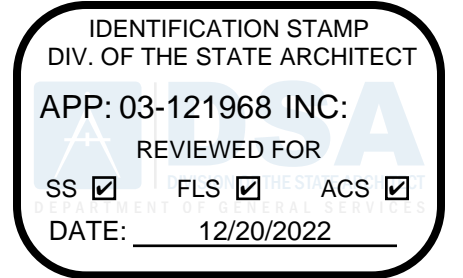
- EXISTING:**
- E1. EXISTING DOOR AND ACCESSIBLE HARDWARE TO REMAIN, PAINT BOTH FACES
 - E2. EXISTING ELECTRICAL PANEL, RE: ELECTRICAL DWG.
 - E3. EXISTING COLUMN TO REMAIN
 - E4. EXISTING 8" H. C.L. FENCE AND GATE TO REMAIN, PAINT
 - E5. EXISTING AND NEW HVAC EQUIPMENT, PAINT ALL NEW HVAC SUPPORT FRAMES, RE: MECHANICAL DWG.
 - E6. EXISTING CONCRETE PAVING TO REMAIN
 - E7. EXISTING CASEWORK TO REMAIN
 - E8. EXISTING TYPE ABC FIRE EXTINGUISHER TO REMAIN

- REMOVE:**
- R1. REMOVE EXISTING TALL CASEWORK
 - R2. REMOVE EXISTING NON-BEARING WALL
 - R3. REMOVE EXISTING SIGNAGE
 - R4. REMOVE EXISTING DOOR AND HARDWARE
 - R5. REMOVE EXISTING SINK AND PLUMBING TO WALL
 - R6. REMOVE EXISTING HVAC, RE: MECHANICAL DWG
 - R7. REMOVE EXISTING GAS STOVE, GAS LINE AND ELECTRICAL, RE: ELECTRICAL AND PLUMBING DWG.
 - R8. REMOVE EXISTING WALL-MOUNTED UPPER CASEWORK
 - R9. REMOVE EXISTING BASE CASEWORK
 - R10. REMOVE EXISTING PONY WALL
 - R11. REMOVE EXISTING VINYL FLOORING AND BASE
 - R12. REMOVE EXISTING FLOOR RECEPTACLES, FIELD VERIFY LOCATIONS
 - R13. REMOVE EXISTING WALL GYPSUM BOARD UP TO 7'-0" AFF. AND AS REQUIRED FOR NEW CONSTRUCTION
 - R14. REMOVE EXISTING WALL
 - R15. REMOVE EXISTING GYPSUM PLASTER AND LATHE FLOOR TO 7'-0" AFF.
 - R16. REMOVE EXISTING CONCRETE PAVING

- SALVAGE:**
- S1. SALVAGE EXISTING REFRIGERATOR, RE-LOCATE ON-SITE
 - S2. SALVAGE EXISTING CASEWORK
 - S3. SALVAGE EXISTING TYPE K FIRE EXTINGUISHER

- RE-INSTALLED:**
- X1. RE-INSTALL EXISTING SALVAGED REFRIGERATOR AND SEISMIC BRACING, RE: STRUCTURAL
 - X2. RE-INSTALL EXISTING CASEWORK, RE: CD.1
 - X3. RE-INSTALL EXISTING TYPE K FIRE EXTINGUISHER, WALL-MOUNTED, RE: 5/A5.2

- NEW:**
- N1. NEW CASEWORK, RE: CD.1
 - N2. NEW S.S. INTEGRAL SINK, GARBAGE DISPOSAL, AND SEISMIC BRACING, RE: 1/A5.1 & PLUMBING DWG.
 - N3. NEW 34" H. ACCESSIBLE S.S. 5" D. INTEGRAL SINK, GARBAGE DISPOSAL, PIPE PROTECTOR AND SEISMIC BRACING, RE: 1/A5.1 & PLUMBING DWG.
 - N4. NEW 6 BURNER GAS RANGE, EXHAUST HOOD ABOVE WITH SEISMIC BRACING, RE: 2/A5.1, 1/A5.2 & STRUCTURAL
 - N5. NEW ACCESSIBLE 6 BURNER GAS RANGE WITH SEISMIC BRACING, MODIFY LEGS AS REQUIRED TO OBTAIN 34" A.F.F. RANGE TOP, RE: 2/A5.1 & STRUCTURAL
 - N6. NEW PRE-MANUFACTURE S.S. WORKTABLE WITH 5" H. INTEGRAL SPLASH, UNDERSHELF AND SEISMIC BRACING, RE: 1/A5.1
 - N7. NEW ACCESSIBLE 34" H. PRE-MANUFACTURE S.S. WORKTABLE WITH 5" H. INTEGRAL SPLASH ON TWO SIDES AND SEISMIC BRACING, RE: 1/A5.1
 - N8. NEW FREE-STANDING PRE-MANUFACTURE S.S. WORKTABLE WITH DRAWER AND UNDERSHELF
 - N9. NEW FREE-STANDING ACCESSIBLE 34" H., PRE-MANUFACTURE S.S. WORKTABLE WITH DRAWER (27" MIN. CLEAR SPACE BELOW)
 - N10. 60" X 60" CLEAR TURN AROUND
 - N11. 30" X 48" CLEAR SPACE
 - N12. 48" X 48" CLEAR SPACE
 - N13. NEW FLOOR DRAIN, RE: PLUMBING DWG.
 - N14. NEW PRE-MANUFACTURED 3-COMPARTMENT S.S. WASH SINK WITH INTEGRAL SPLASH AND SEISMIC BRACING, RE: 3/A5.2 & PLUMBING DWG.
 - N15. NEW INTERIOR HVAC SYSTEM, RE: MECHANICAL DWG.
 - N16. NEW S.S. WIRE SHELVING SYSTEM ABOVE WORKTABLE, RE: 3/A5.1
 - N17. NEW SEAMLESS HOMOGENEOUS VINYL FLOOR AND INTEGRAL 4" BASE WITH CONT. ALUM. TOP CAP, REFER TO A6.1 FOR MULTI-COLOR PATTERN
 - N18. NEW WALK-OFF MAT
 - N19. NEW STUD WALL, RE: 9/A5.1
 - N20. NEW SIGNAGE, RE: A7.1
 - N21. NEW FREEZER WITH SEISMIC BRACING, RE: 2/A5.2
 - N22. NEW ICEMAKER WITH SEISMIC BRACING, RE: 1/A5.2
 - N23. NEW GAS DRYER WITH SEISMIC BRACING, RE: 1/A5.2
 - N24. NEW GAS COMBI OVEN & STAND WITH SEISMIC BRACING, RE: 1/A5.2
 - N25. NEW STUD WALL AT EXISTING EXTERIOR WINDOW, RE: 5/A5.1
 - N26. NEW ALUMINUM FRAMED WINDOW IN-FILL TO MATCH EXISTING ADJACENT WINDOWS, RE: 6/A5.1
 - N27. NEW FLOOR TO ROOF DECK STUD WALL WITH SOUND INSULATION, RE: 4/A5.1
 - N28. NEW ELECTRIC PIZZA OVEN WITH SEISMIC BRACING, RE: 2/A5.2
 - N29. NEW FLOOR TO CEILING SOUND INSULATION AND GYPSUM BOARD ON NORTH FACE OF EXISTING WALL
 - N30. NEW ACCESSIBLE 34" H. PRE-MANUFACTURED S.S. WORKTABLE WITH 5" H. INTEGRAL SPLASH, DRAWER AND SEISMIC BRACING, RE: 1/A5.1
 - N31. NEW PRE-MANUFACTURED S.S. WORKTABLE WITH 5" H. INTEGRAL SPLASH, DRAWER, UNDERSHELF AND SEISMIC BRACING, RE: 1/A5.1
 - N32. NEW METAL STOOL WITH BACKREST
 - N33. NEW ACCESSIBLE 34" H. HOOD SINK WITH TAPERED SKIRT, RE: 8/A5.1
 - N34. NEW ACCESSIBLE 34" H. FREE-STANDING BAKERS TABLE
 - N35. NEW 8" H. C.L. FENCE, PAINT, RE: CLF.1
 - N36. NEW 8" H. REINFORCED RAISED CONCRETE PAD, RE: 3/SO.2
 - N37. NEW 8" H. X 4" W. C.L. GATE, PAINT, RE: CLF.1
 - N38. NEW EXTERIOR HVAC UNIT, RE: MECHANICAL DWG.
 - N39. NEW HEARING ASSISTANCE SYSTEM TO BE LOCATED IN ADMINISTRATION OFFICE
 - N40. PAINT ALL NEW AND EXISTING WALL MOUNTED CONDUIT OR DUCTWORK, RE: MECHANICAL & ELECTRICAL DWG.
 - N41. EXISTING ELECTRICAL PANEL TO BE REVERSED, REMOVE / MODIFY / RE-INSTALL EXISTING TACKBOARD IN CLASSROOM G2 AS REQUIRED, RE: ELECTRICAL DWG.
 - N42. NEW TASK CHAIR WITH RUBBER WHEELS



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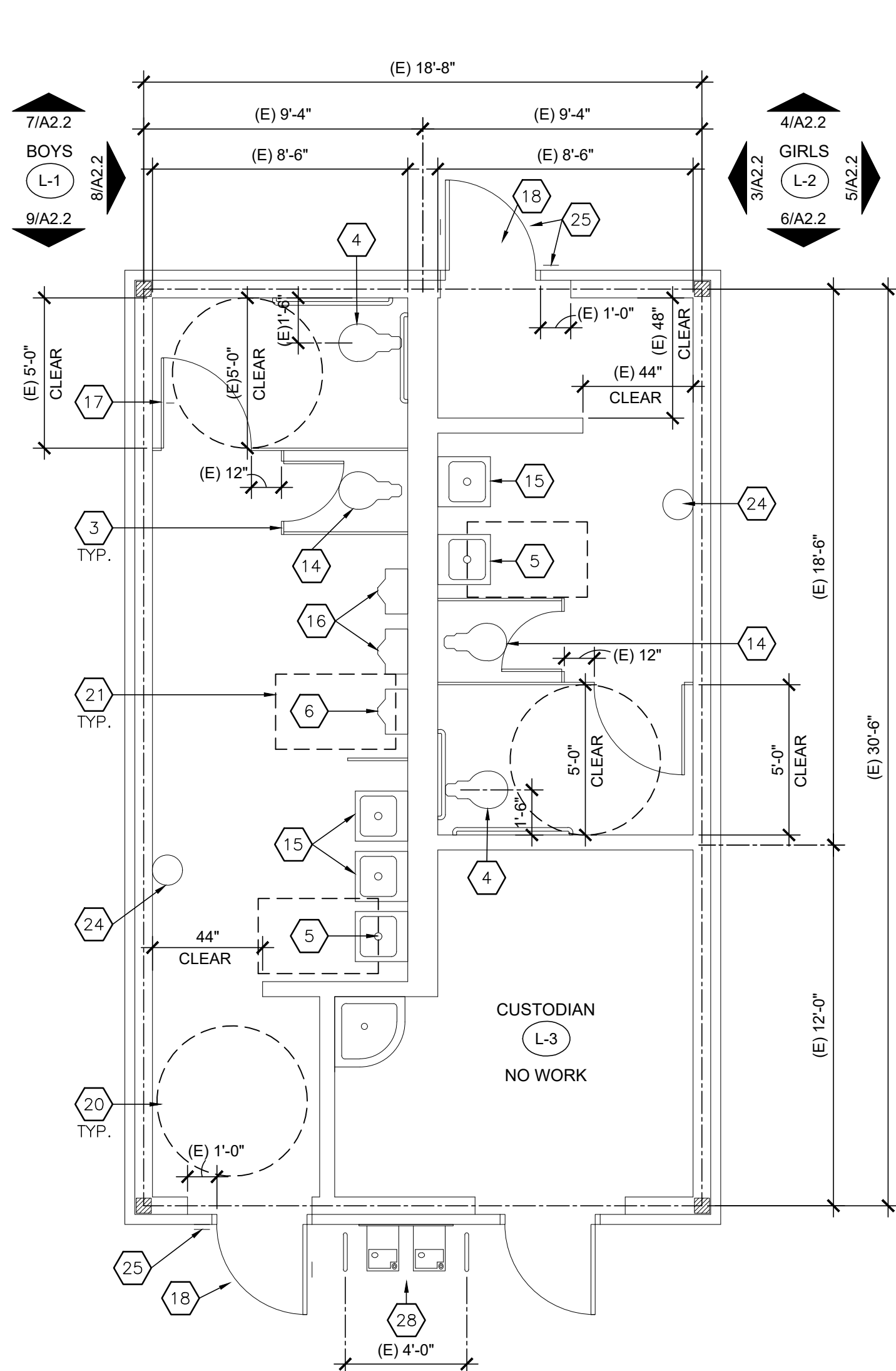
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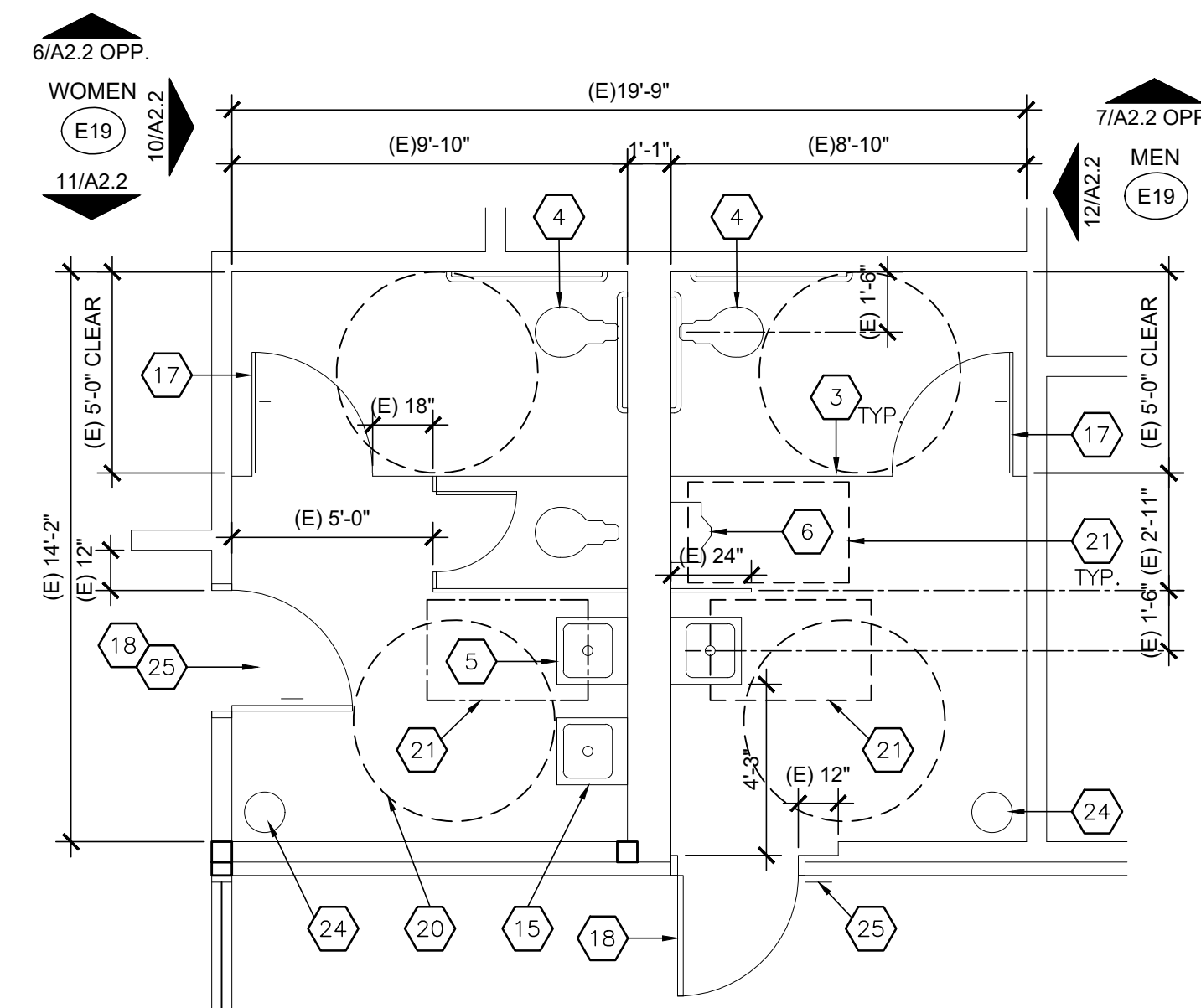
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DRAWING NO.:

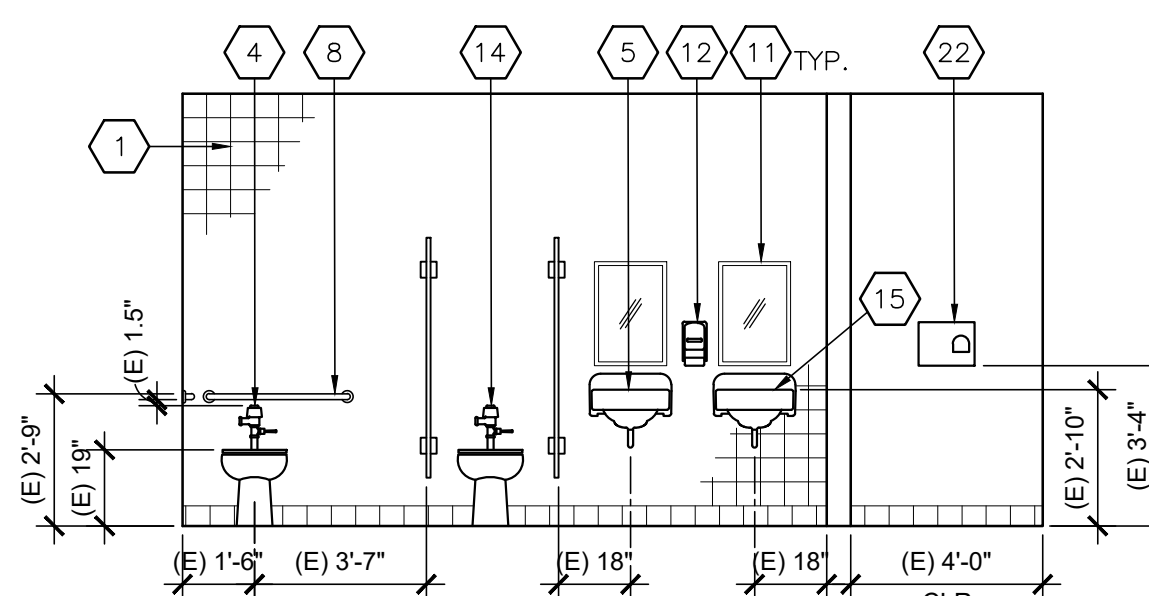
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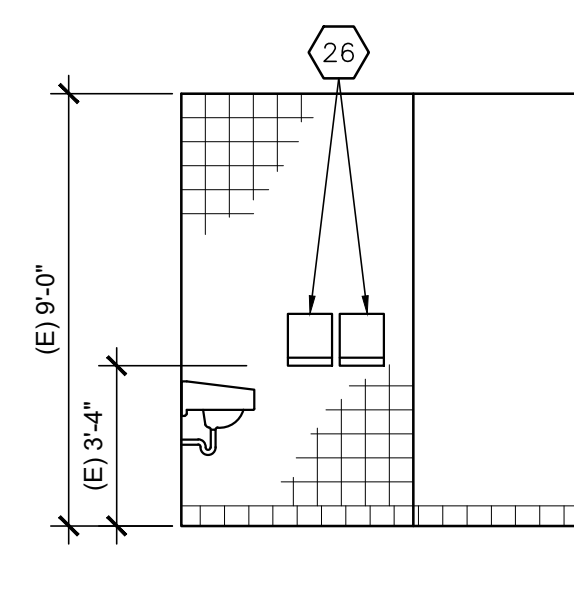
1 FLOOR PLAN - BUILDING L
SCALE: 1/4" = 1'-0" STUDENT A#03-108074



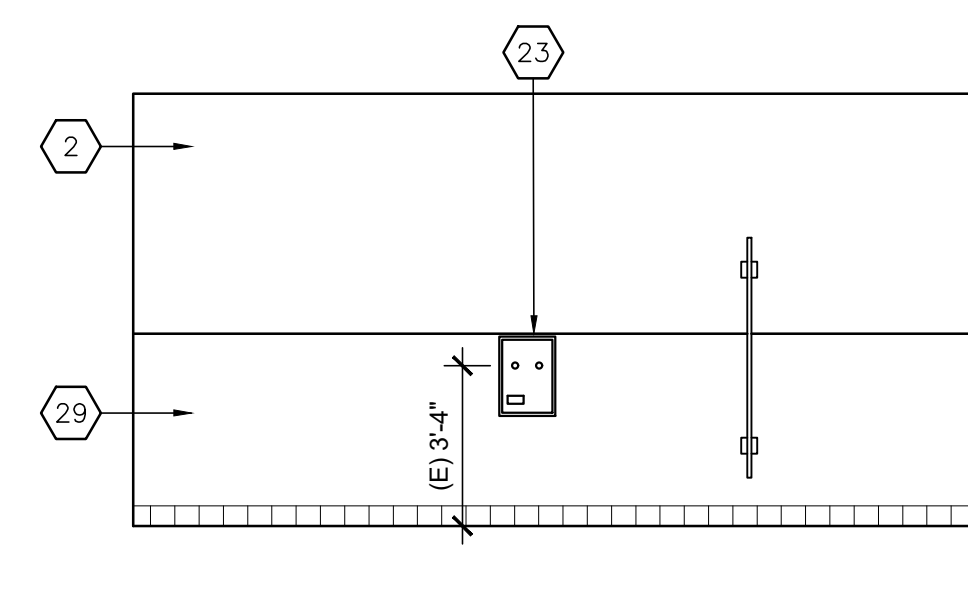
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SCALE: 1/4" = 1'-0" STAFF A#03-108074



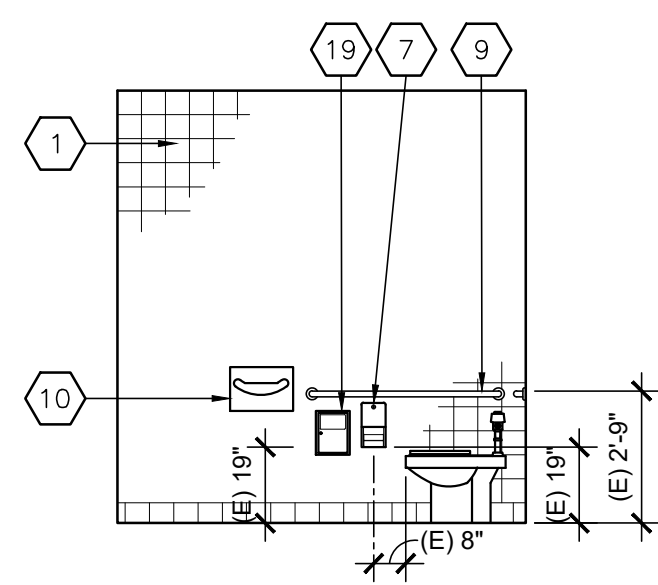
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SCALE: 1/4" = 1'-0" GIRL'S



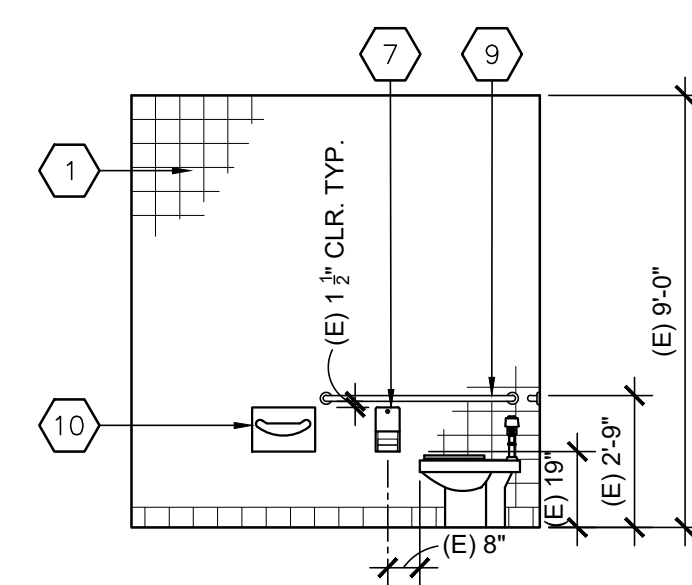
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SCALE: 1/4" = 1'-0" GIRL'S



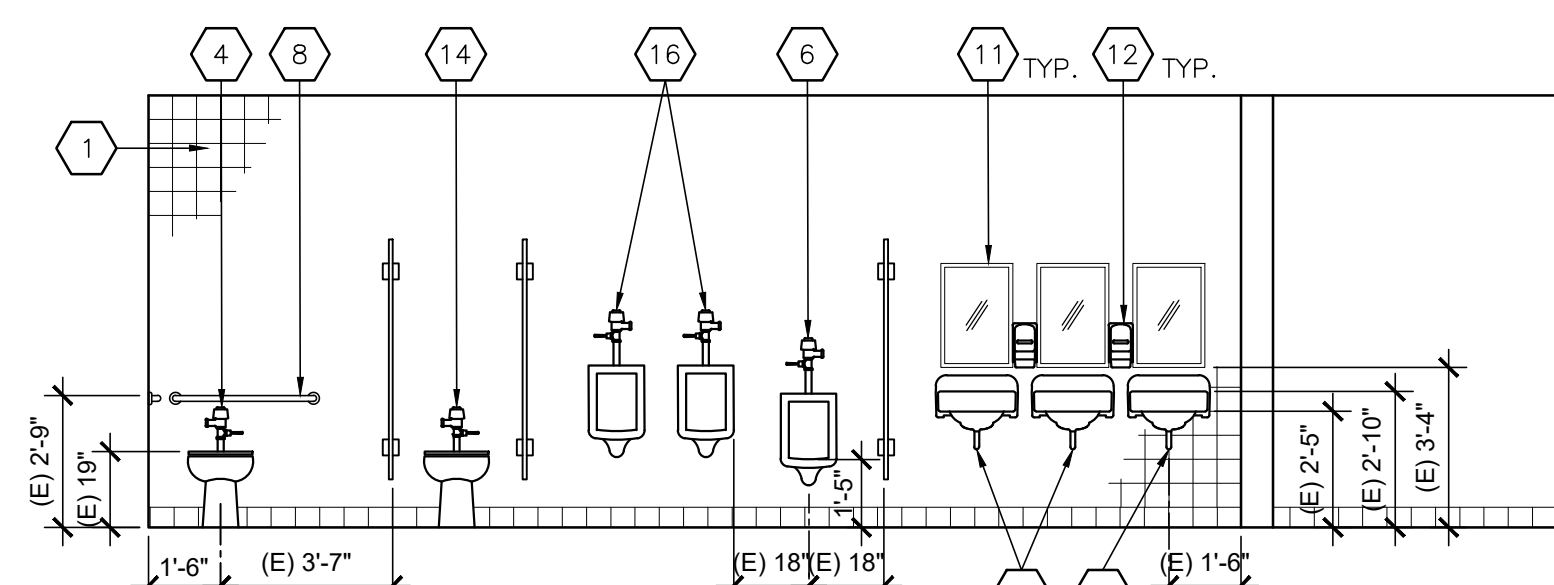
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SCALE: 1/4" = 1'-0" GIRL'S



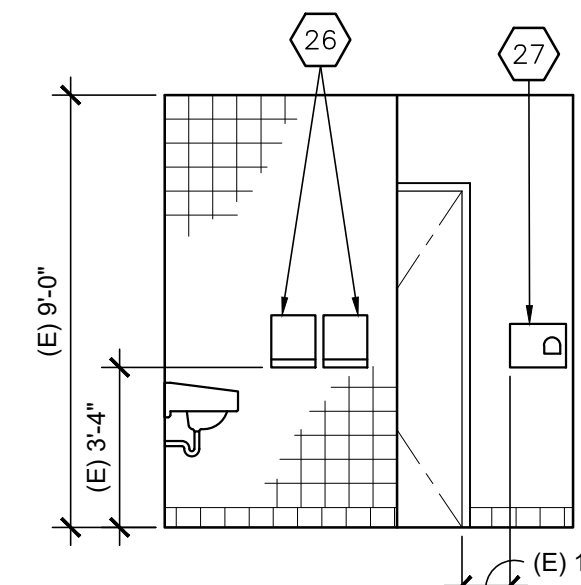
6 INT. ELEV.
SCALE: 1/4" = 1'-0" GIRL'S & WOMEN



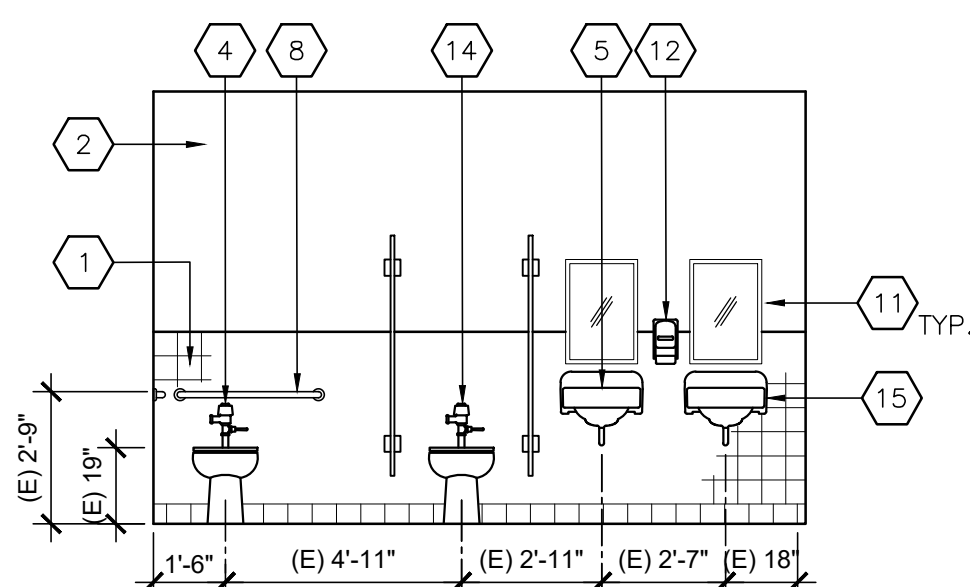
7 INT. ELEV.
SCALE: 1/4" = 1'-0" BOY'S & MEN'S OPP.



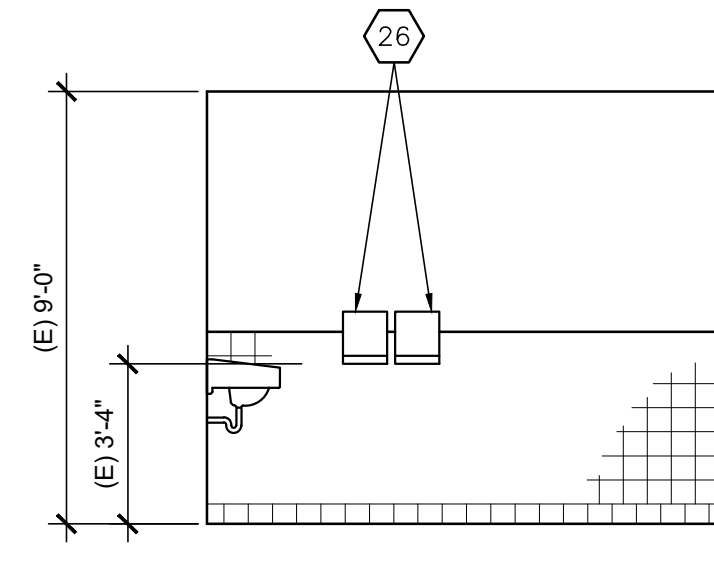
8 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0" BOYS



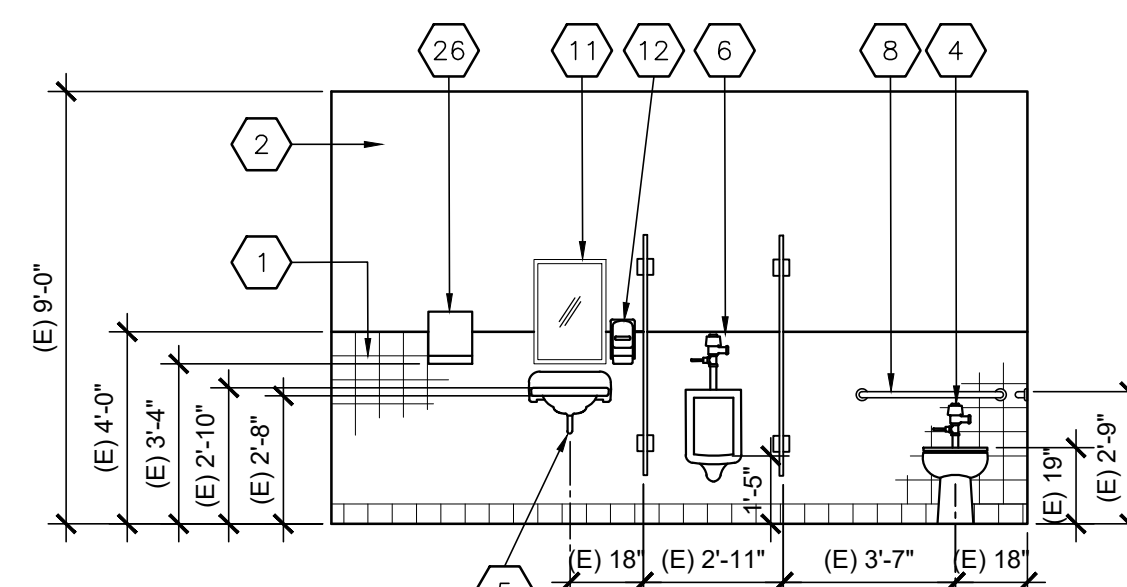
9 INT. ELEV.
SCALE: 1/4" = 1'-0" BOYS



10 INT. ELEV.
SCALE: 1/4" = 1'-0" WOMEN'S



11 INT. ELEV.
SCALE: 1/4" = 1'-0" WOMEN'S



12 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0" MEN'S

KEYNOTES:

- EXISTING CERAMIC TILE TO REMAIN, REPLACE TO MATCH EXISTING AS REQUIRED DUE TO NEW CONSTRUCTION
- EXISTING GYP. BD. WALL TO REMAIN, REPAIR TO MATCH EXISTING AS REQUIRED DUE TO NEW CONSTRUCTION, PAINT
- EXISTING TOILET PARTITION TO REMAIN, PROTECT
- EXISTING ACCESSIBLE WATER CLOSET TO REMAIN, PROTECT
- EXISTING ACCESSIBLE LAVATORY TO REMAIN, PROTECT
- EXISTING ACCESSIBLE AND PIPE PROTECTOR URINAL TO REMAIN, PROTECT
- EXISTING ACCESSIBLE TOILET PAPER DISPENSER TO REMAIN, PROTECT
- EXISTING ACCESSIBLE 36" GRAB BAR TO REMAIN, PROTECT
- EXISTING ACCESSIBLE 48" GRAB BAR TO REMAIN, PROTECT
- EXISTING ACCESSIBLE TOWEL SEAT COVER DISPENSER TO REMAIN, PROTECT
- EXISTING ACCESSIBLE MIRROR TO REMAIN, PROTECT
- EXISTING ACCESSIBLE SOAP DISPENSER TO REMAIN, PROTECT
- EXISTING ACCESSIBLE PAPER TOWEL DISPENSER
- EXISTING NON-ACCESSIBLE WATER CLOSET TO REMAIN, PROTECT
- EXISTING NON-ACCESSIBLE LAVATORY TO REMAIN, PROTECT
- EXISTING NON-ACCESSIBLE URINAL TO REMAIN, PROTECT
- EXISTING ACCESSIBLE 36" W. STALL DOOR AND COAT HOOK
- EXISTING HOLLOW METAL WINDOW AND/OR DOOR AND FRAME, PROTECT
- EXISTING FEMININE NAPKIN DISPOSAL TO REMAIN, PROTECT.
- EXISTING 5'-0" DIA. TURNING RADIUS
- EXISTING 30" X 48" CLEAR SPACE
- EXISTING ACCESSIBLE 4"D. ELECTRIC HAND DRYER TO REMAIN, PROTECT
- EXISTING ACCESSIBLE FEMININE NAPKIN DISPENSER TO REMAIN, PROTECT
- EXISTING FREE-STANDING TRASH RECEPTACLE
- REMOVE AND REPLACE EXISTING WALL AND DOOR SIGNAGE, RE: A7.1
- REMOVE AND REPLACE EXISTING SURFACE-MOUNTED PAPER TOWEL DISPENSER WITH NEW 4" D. VERSION
- REMOVE AND REPLACE EXISTING ELECTRIC HAND DRYER WITH NEW 4" D. VERSION
- EXISTING ACCESSIBLE HIGH/LOW DRINKING FOUNTAIN TO REMAIN, PROTECT
- EXISTING PAINTED PLYWOOD WAINSCOT TO REMAIN, PROTECT

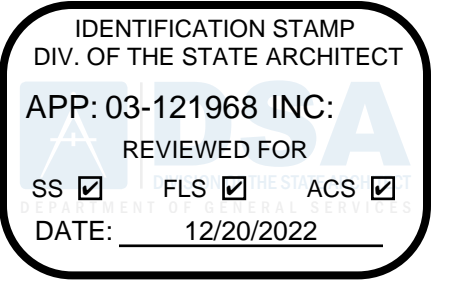
GENERAL NOTES

- WATER CLOSET ELEVATION AND SIDE VIEW APPLIES TO ACCESSIBLE AND WATER CLOSETS.
- CONTINUOUS PAPER FLOW REQUIRED ON ACCESSIBLE TOILET PAPER DISPENSER.
- NO SHARP OR ABRASIVE OBJECT UNDER SINK, LAVATORIES OR DRINKING FOUNTAINS. PROVIDE PIPE GUARD AT ACCESSIBLE LOCATIONS.

MOUNTING HEIGHTS AND CLEARNCES

Alternative Dimensions for Children's Use

User Group	Adult
Toilet Offset	17"-18"
Toilet Seat Height	17"-19"
Top of Grab Bar	33"-36"
Toilet Paper Dispenser Outlet	19" min.
Furthest T.P. Dispenser in front of W. C.	7'-9" centerline
Lav/Sink Rim Height	34" max.
Lav/Sink Knee Clearance	27" min. - 29" min. @apron for Lav.
Urinal Height	17" max.
Urinal Projection	13-1/2" min.
Urinal Flush Control Height	44" max.
High Drinking Fountain Spout Height	38"-43"
Low Drinking Fountain approach, Spout Height and Spout location from Front Edge of the Unit including Bumpers	Front approach per 118-306, 36" max. A.F.F., 5" max. from front of unit
Drinking Fountain Operating Parts	6" max. from front edge of unit
Cantilever Drinking Fountain Projection	18"-19"
Toe Clearance at Toilet Partition	9" min.
Shelf Height	40"-48"
Mirror Height (Bottom Edge of Reflecting Surface)	40" max. (above lav. Or counter top), 35" max. (not above lav. Or counter top)
Mirror Height (Bottom Edge of Reflecting Surface) in dressing, fitting & locker rooms	20" Max.



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ARCHITECTS STAMP:



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CONSULTANTS STAMP:

SCHOOL DISTRICT:

BONITA UNIFIED SCHOOL DISTRICT

PROJECT:

SAN DIMAS HIGH SCHOOL CULINARY ARTS CLASSROOM MODERNIZATION

JOB NUMBER: 12.03.00
DATE: 08/25/21

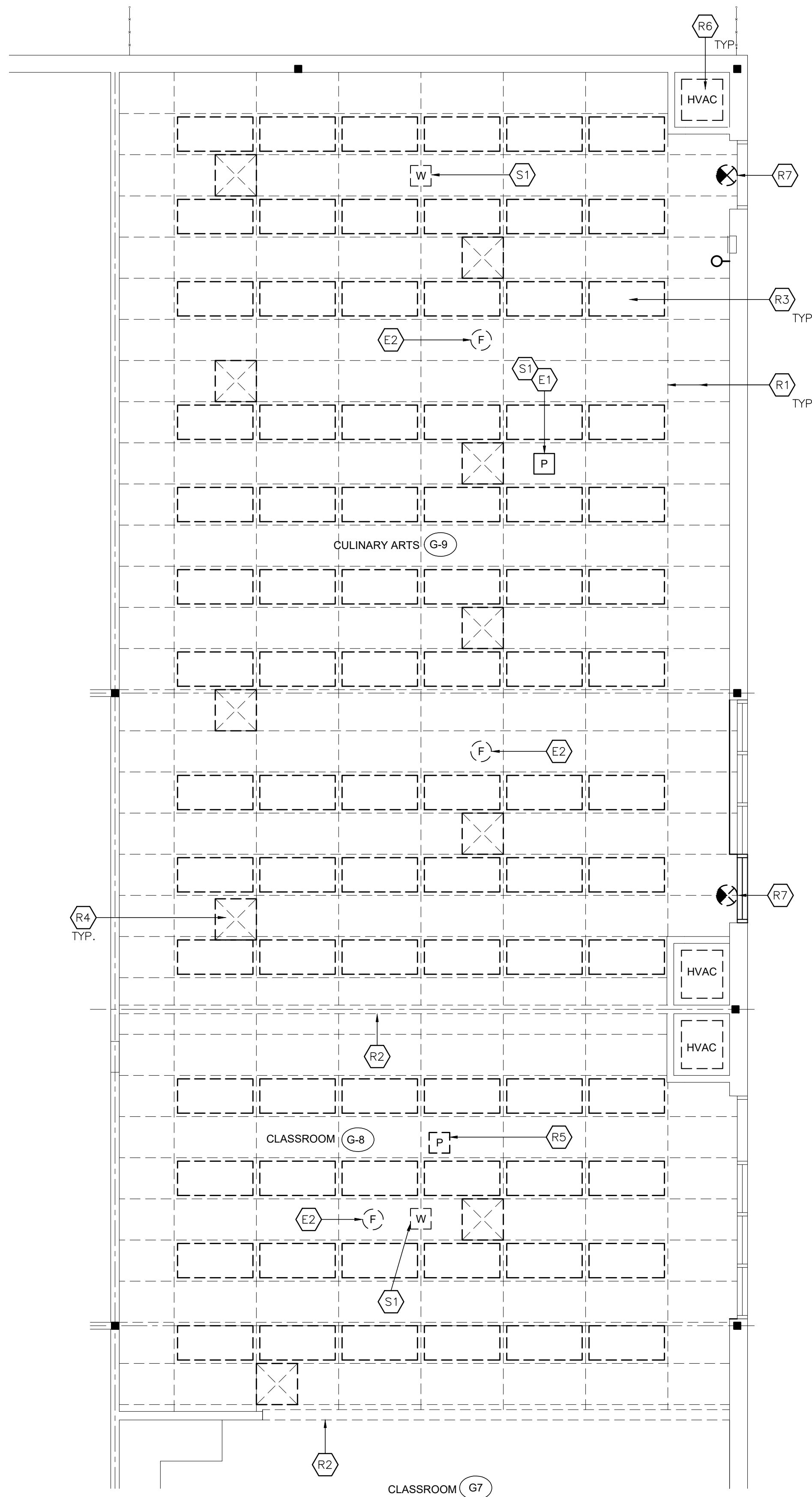
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REVISION: Δ DATE: _____

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ENLARGED TOILET PLANS AND INT. ELEVATIONS

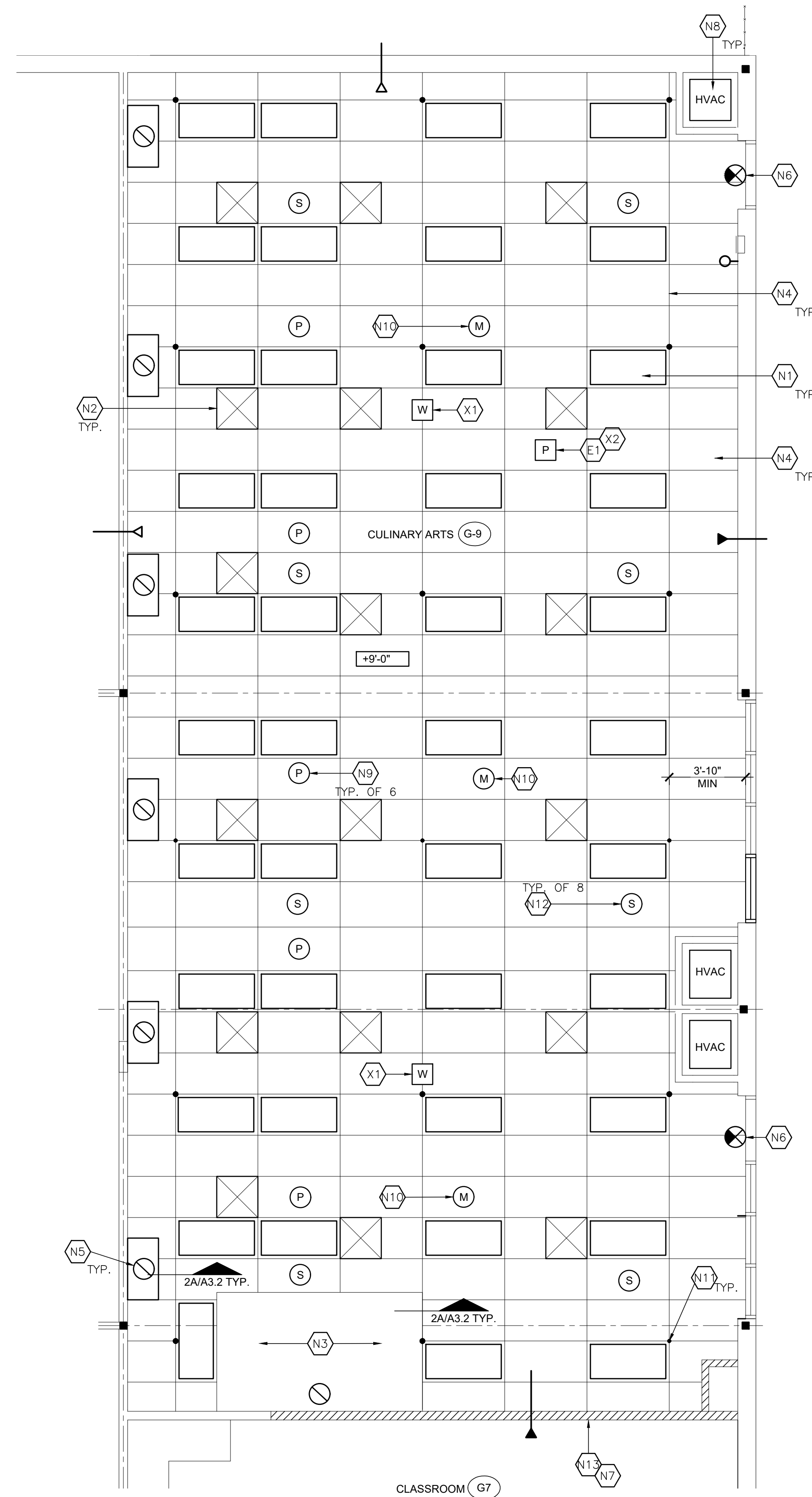
DRAWING NO.:

A2.2



1 DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

NORTH



2 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

NORTH

KEYNOTES

EXISTING:

- E1. EXISTING PROJECTOR MOUNTING BRACKET TO REMAIN, PROTECT
- E2. EXISTING FIRE ALARM DEVICE, RE: FIRE ALARM DWG.

REMOVE:

- R1. REMOVE EXISTING ACOUSTICAL CEILING TILE, GRID, STRUTS, AND WIRES.
- R2. REMOVE EXISTING NON-BEARING WALL AND DETACH ADJACENT CLASSROOM G7 EXISTING CEILING GRID
- R3. REMOVE EXISTING RECESSED FLUORESCENT LIGHT FIXTURE
- R4. REMOVE EXISTING HVAC DIFFUSER AND DUCTWORK, RE: MECHANICAL DWG.
- R5. REMOVE EXISTING PROJECTOR AND RETURN TO DISTRICT
- R6. REMOVE EXISTING HVAC SYSTEM, RE: MECHANICAL DWG.
- R7. REMOVE EXISTING EXIT SIGN

SALVAGE:

- S1. SALVAGE EXISTING WIRELESS HUB FOR RE-INSTALLATION
- S2. SALVAGE EXISTING PROJECTOR FOR RE-INSTALLATION

RE-INSTALL:

- X1. RE-INSTALL EXISTING SALVAGED WIRELESS HUB/ACCESS POINT IN NEW LOCATION, RE: 7/A3.2
- X2. RE-INSTALL EXISTING SALVAGED PROJECTOR IN EXISTING LOCATION, RE: 8/A3.2

NEW:

- N1. NEW RECESSED 2 X 4 LED LIGHT FIXTURE, RE: 6/A3.2 & ELECTRICAL DWG.
- N2. NEW HVAC DIFFUSER, RE: MECHANICAL DWG.
- N3. NEW S.S. EXHAUST HOOD ABOVE PIZZA OVEN, RE: 2/SO.2, 4/SO.3 & MECHANICAL DWG.
- N4. NEW 2 X4 SUSPENDED GRID AND ACOUSTICAL CEILING TILE, RE: 1/A3.2
- N5. NEW S.S. EXHAUST HOOD ABOVE RANGE, RE: 2/A5.1, MECHANICAL & STRUCTURAL DWG.
- N6. NEW EXIT SIGN, RE: ELECTRICAL DWG.
- N7. RE-ATTACH EXISTING CEILING GRID IN EXISTING CLASSROOM G7 AT NEW WALL, RE: 2/A3.2
- N8. NEW HVAC SYSTEM, RE: MECHANICAL
- N9. NEW PULL-DOWN ELECTRICAL REEL, RE: 7/A5.2 & ELECTRICAL DWG.
- N10. NEW LIGHTING MOTION SENSOR, RE: ELECTRICAL DWG.
- N11. NEW COMPRESSION STRUT, RE: 5 & 5A/A3.2
- N12. NEW RECESS SPEAKER, FIELD VERIFY LOCATIONS, RE: 6/A5.2 & ELECTRICAL DWG.
- N13. NEW FLOOR TO STRUCTURE WALL, RE: 4/A5.1

LEGEND

SYMBOL	DESCRIPTION
[Empty Box]	RECESSED LED LIGHT FIXTURE
[Circle with X]	HOOD DUCT
[Square with X]	HVAC DIFFUSER
[Dot]	SEISMIC COMPRESSION STRUT POINTS
[Arrow]	ATTACHED UNATTACHED
[Hatched Box]	FLOOR TO ROOF DECK WALL
[+9'-0" Box]	SUSPENDED CEILING GRID HEIGHT
[P]	POWER CORD REEL, RE: 5/A5.2
[S]	SPEAKER, RE: 6/A5.2
[F]	FIRE ALARM DEVICE
[L]	LIGHTING MOTION SENSOR
[X]	EXIT LIGHT

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ARCHITECTS STAMP:



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SCHOOL DISTRICT:

**BONITA UNIFIED
SCHOOL DISTRICT**

PROJECT:

**SAN DIMAS
HIGH SCHOOL
CULINARY ARTS
CLASSROOM
MODERNIZATION**

JOB NUMBER: 12.03.00

DATE: 08/25/21

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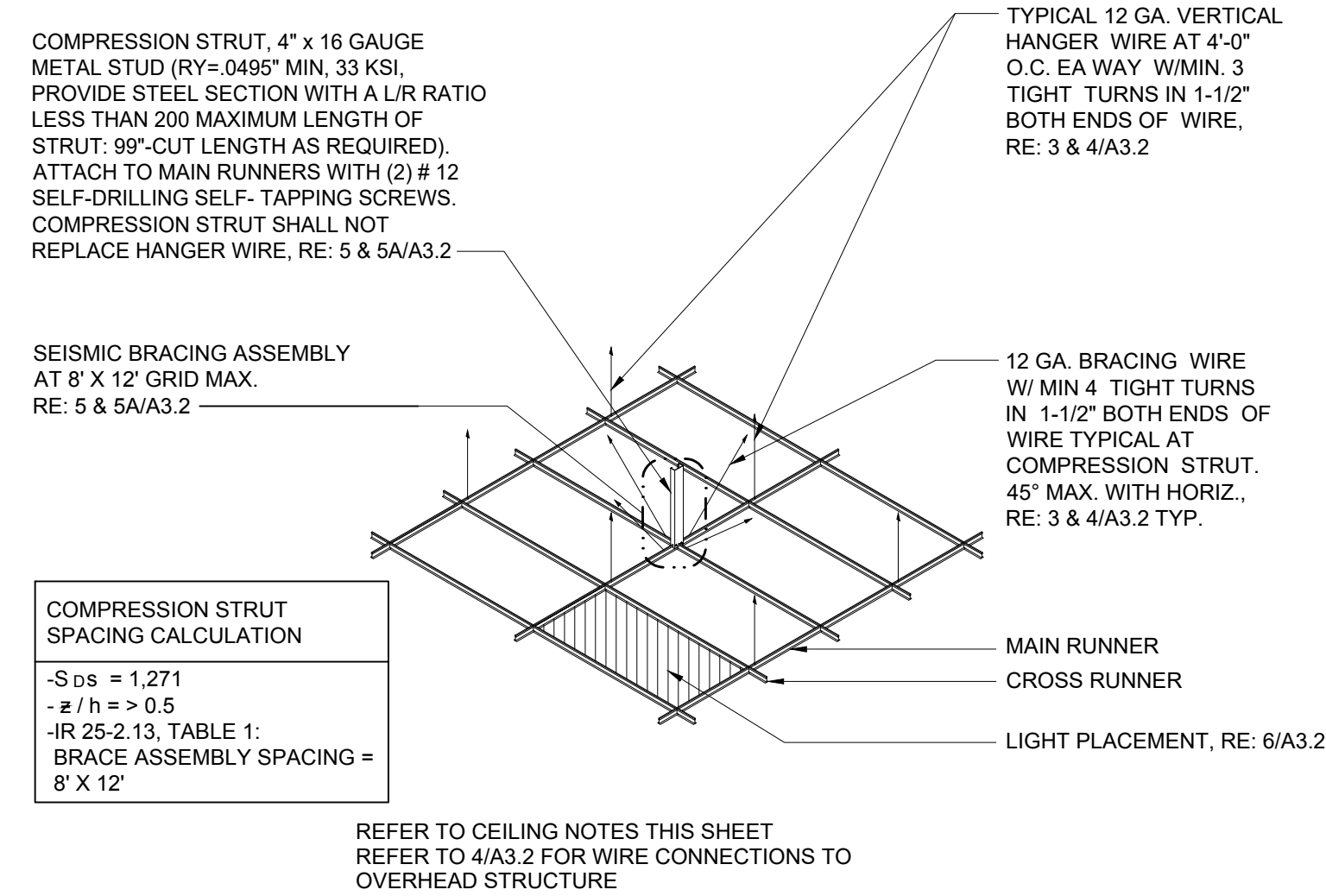
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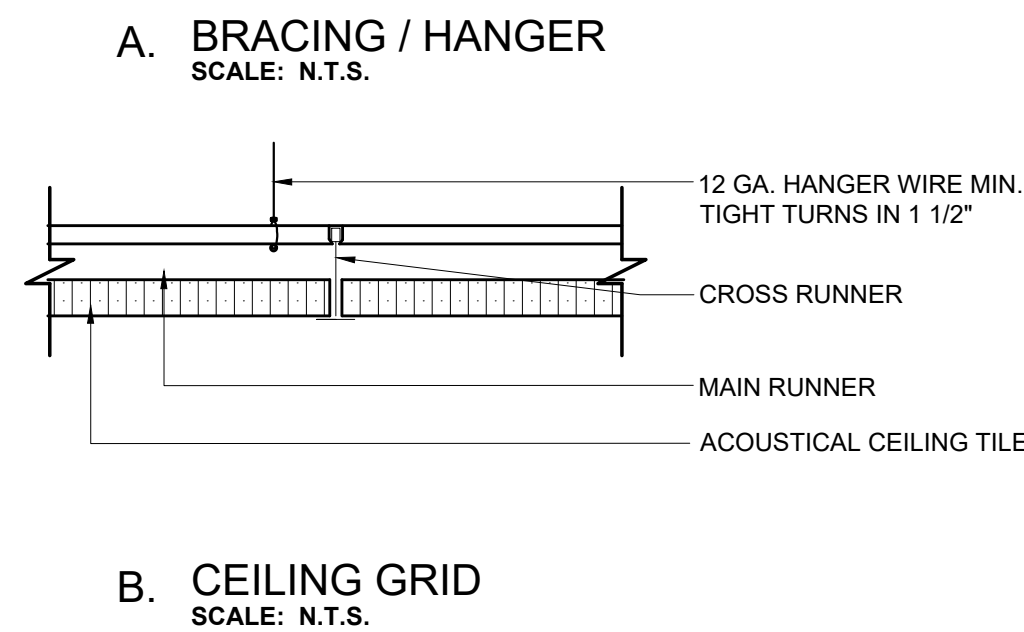
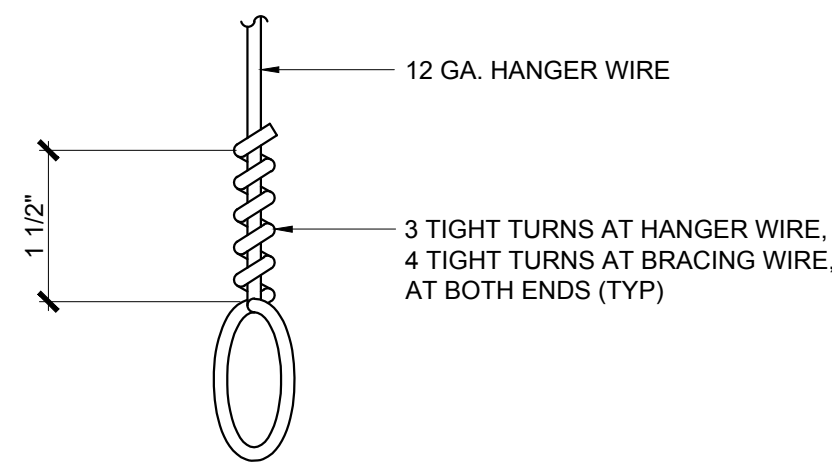
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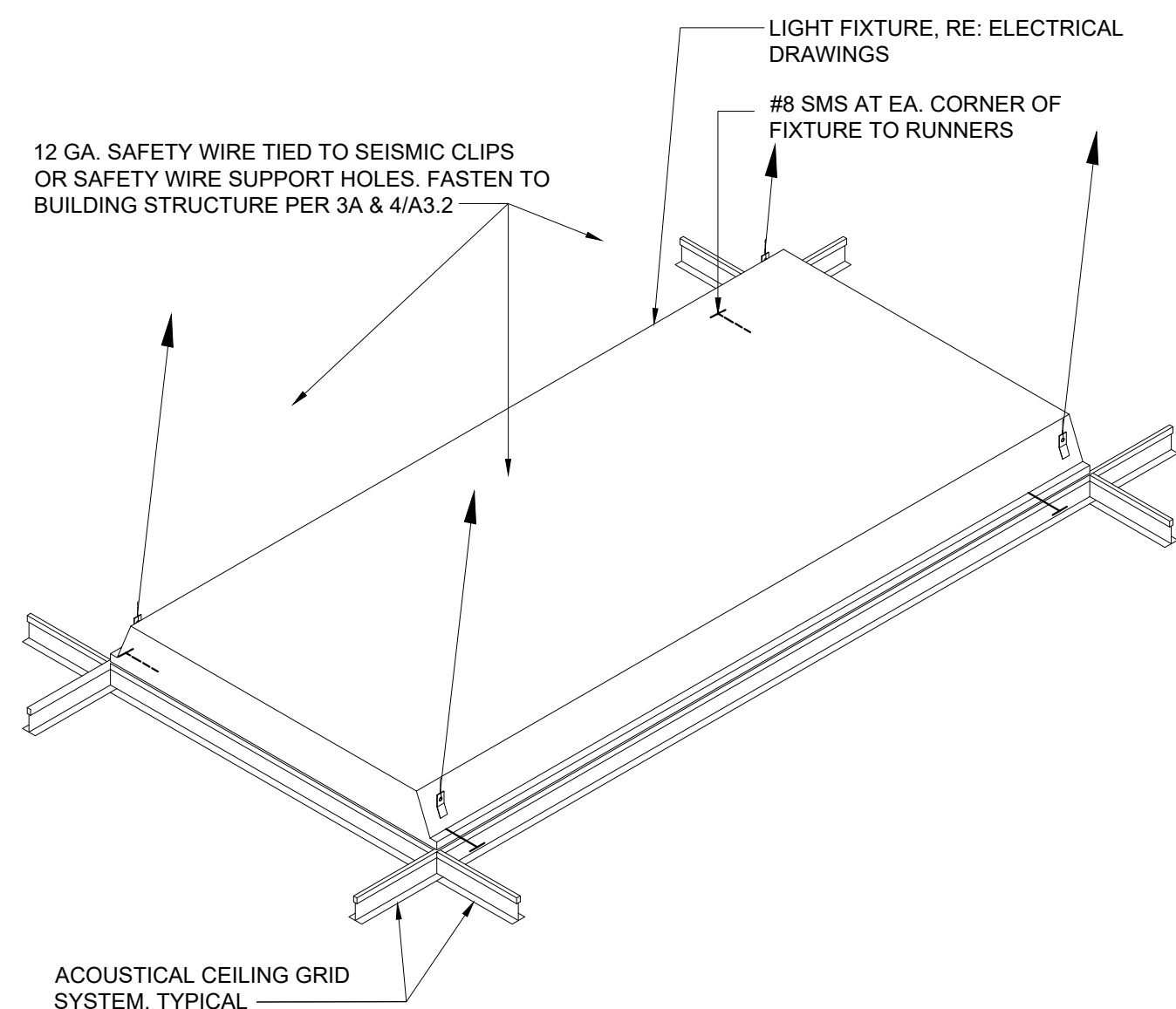
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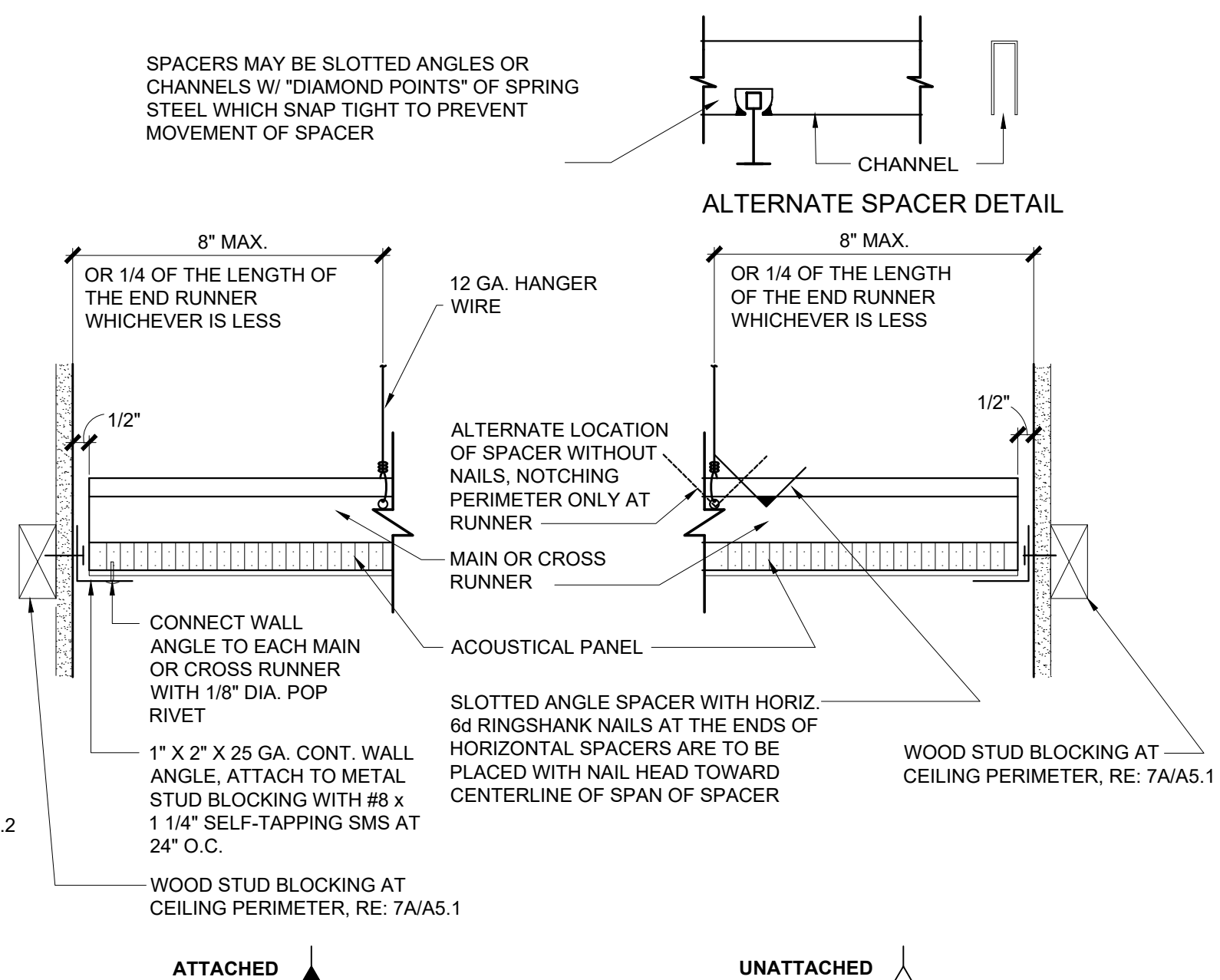
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SCALE: N.T.S.



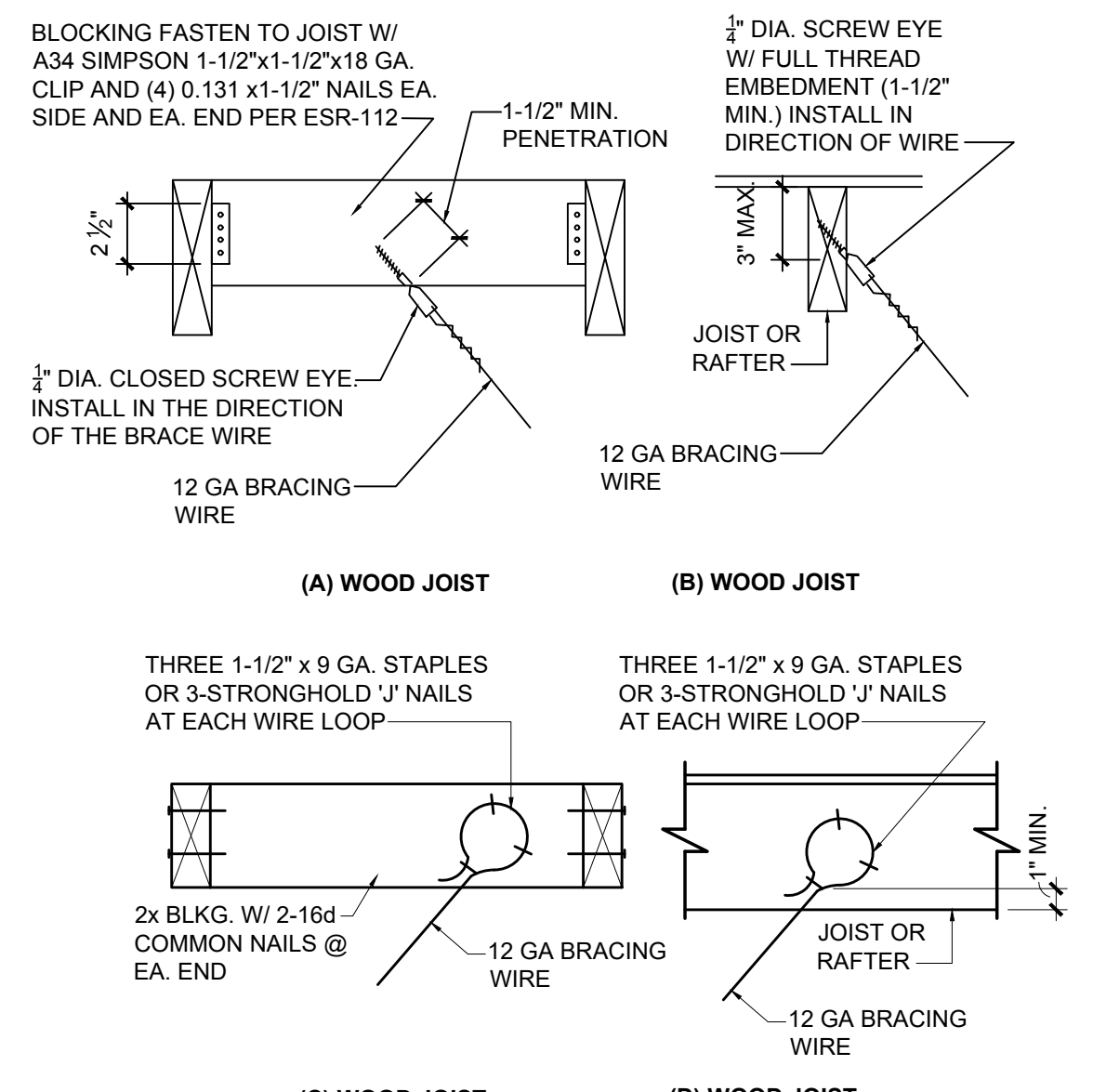
3 LIGHT / GRID HANGER
SCALE: N.T.S.



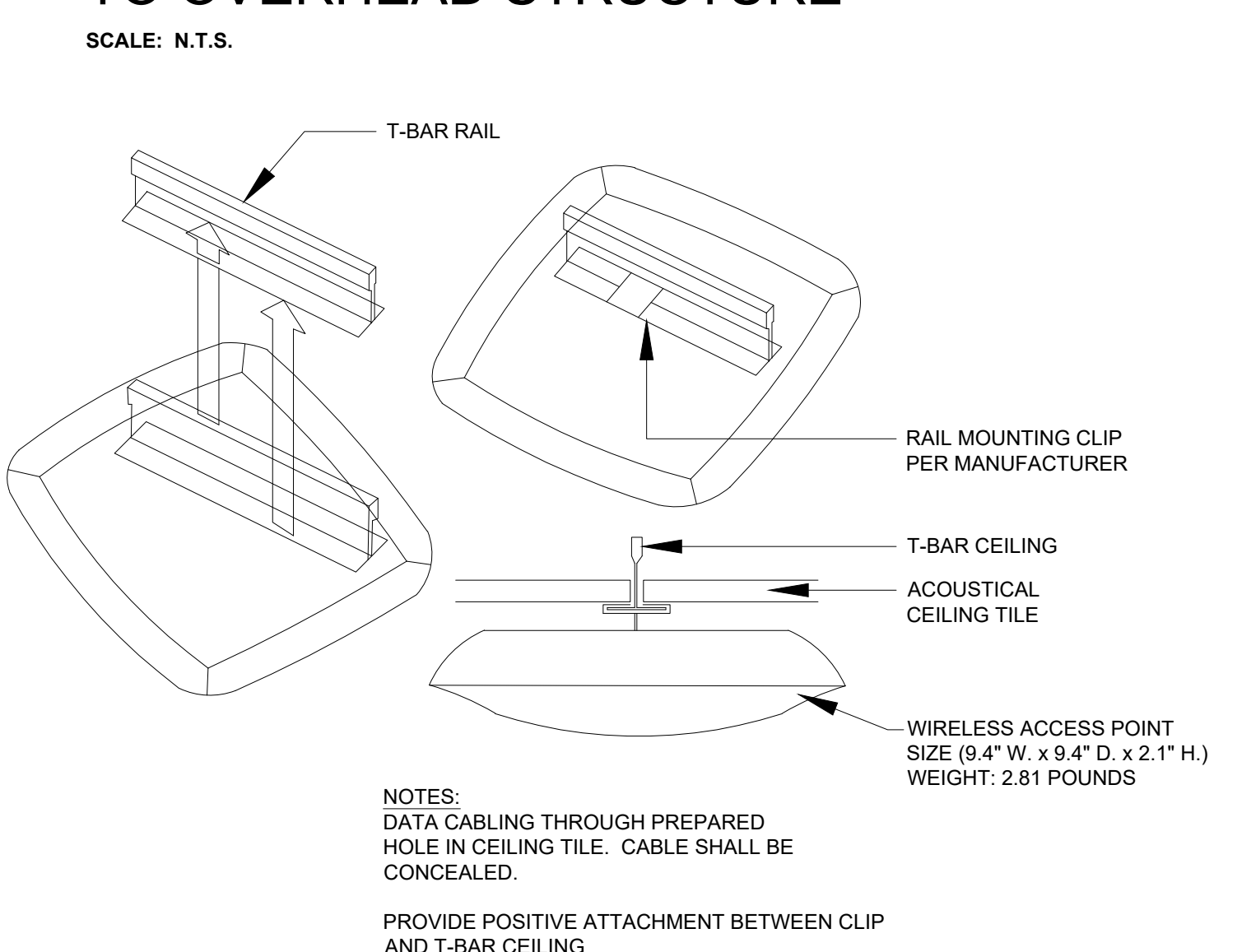
6 LAY-IN FIXTURE SUPPORT DETAIL
SCALE: N.T.S.



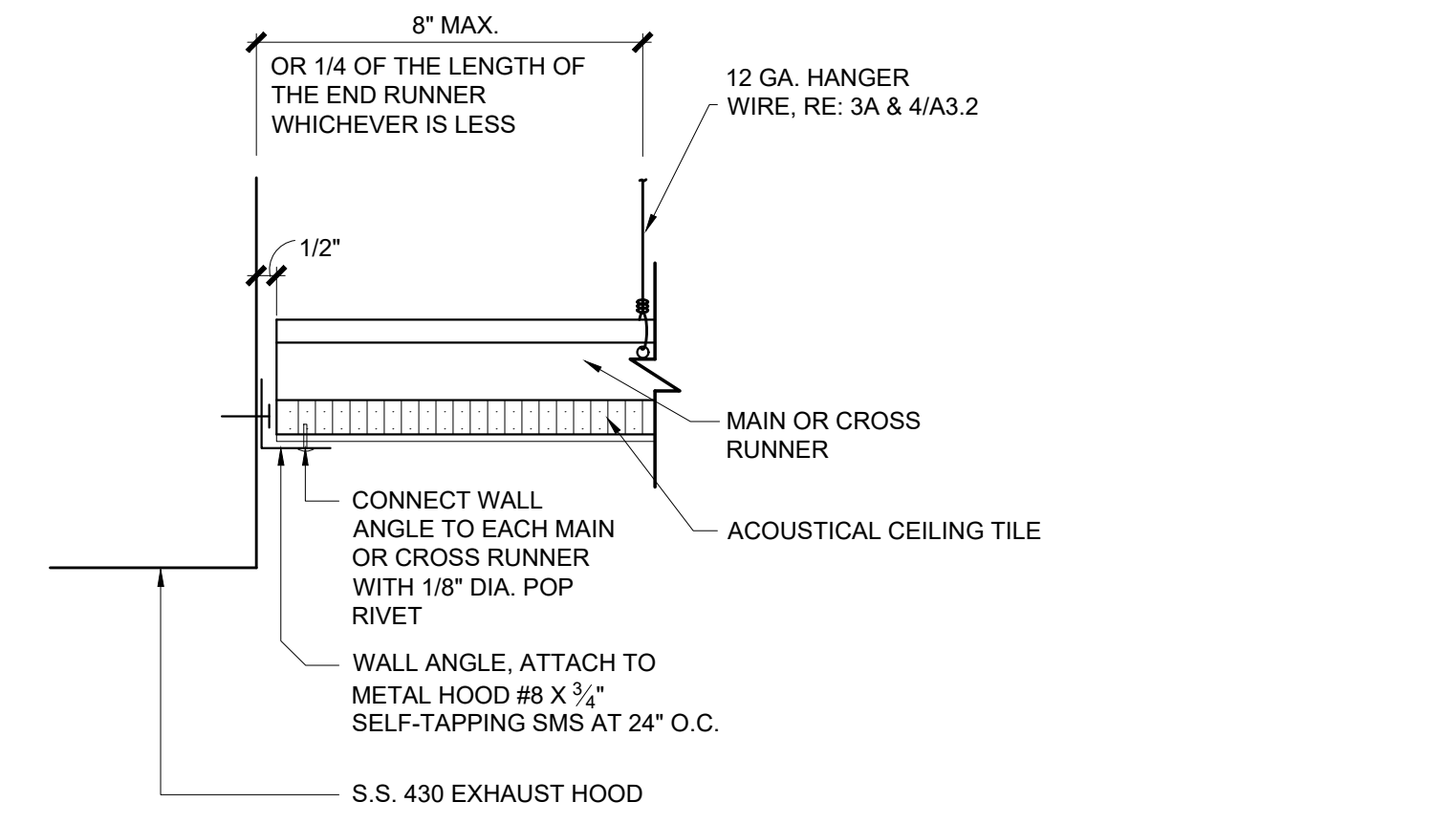
2 ACOUSTICAL CEILING GRID ATTACHMENT
SCALE: 3\"/>



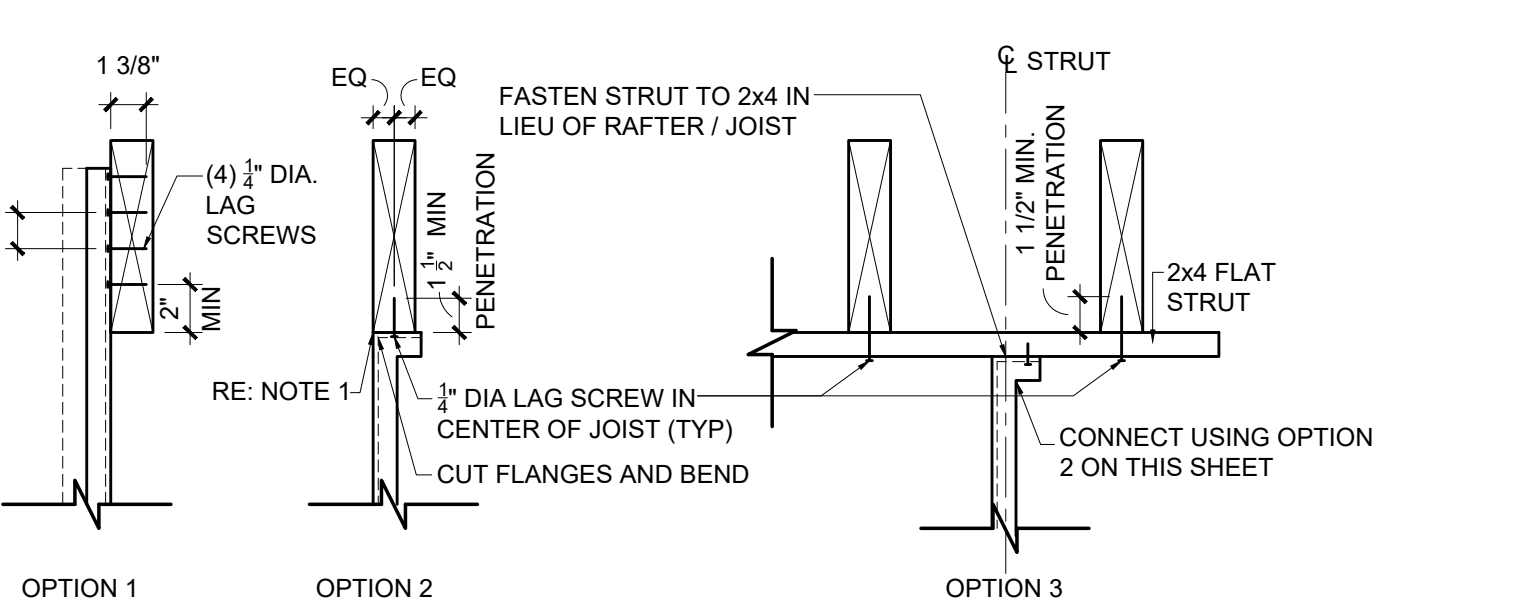
4 SUSPENSION WIRE CONNECTION TO OVERHEAD STRUCTURE
SCALE: N.T.S.



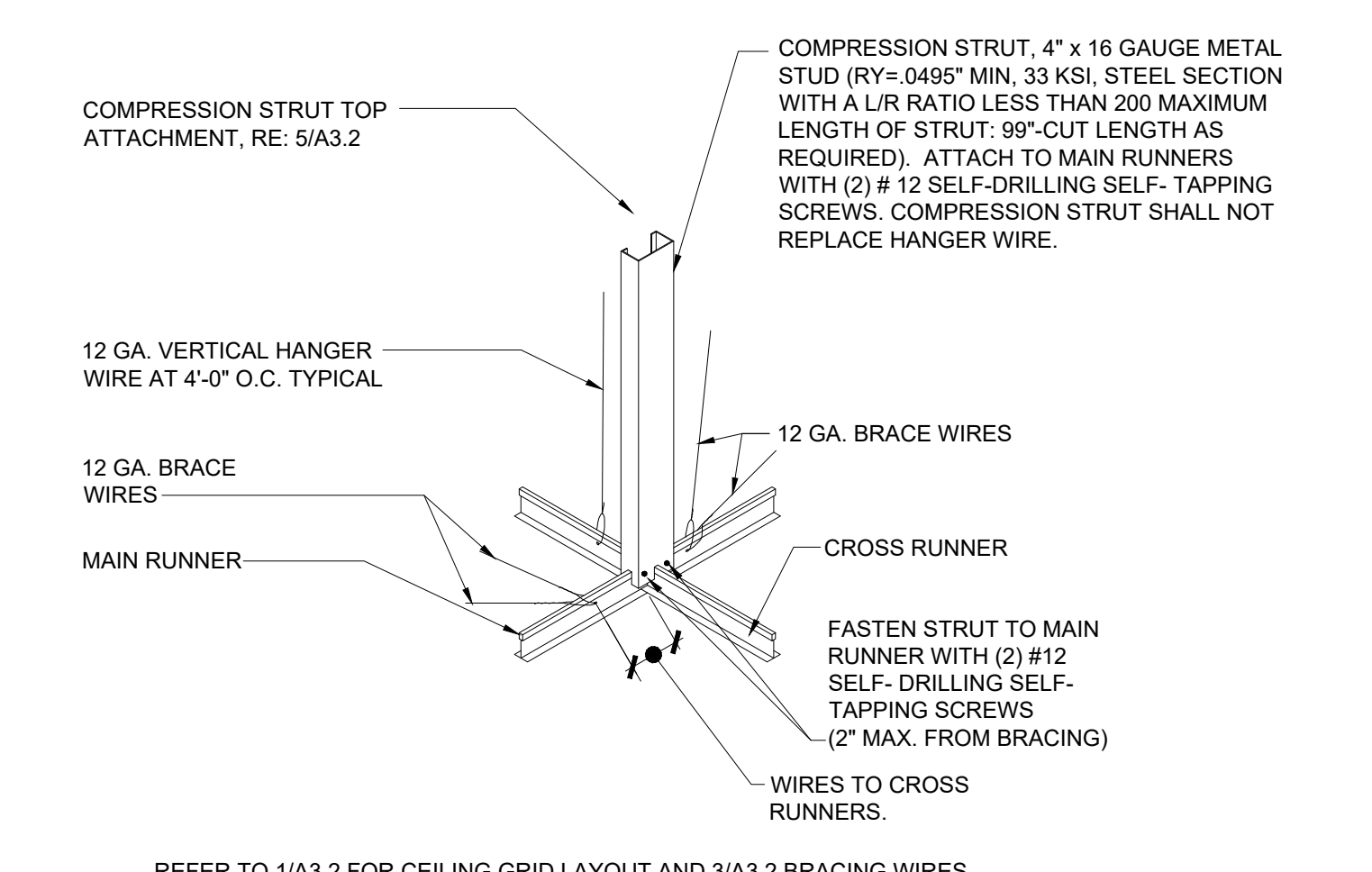
7 CEILING MTD. WIRELESS ACCESS POINT
SCALE: N.T.S.



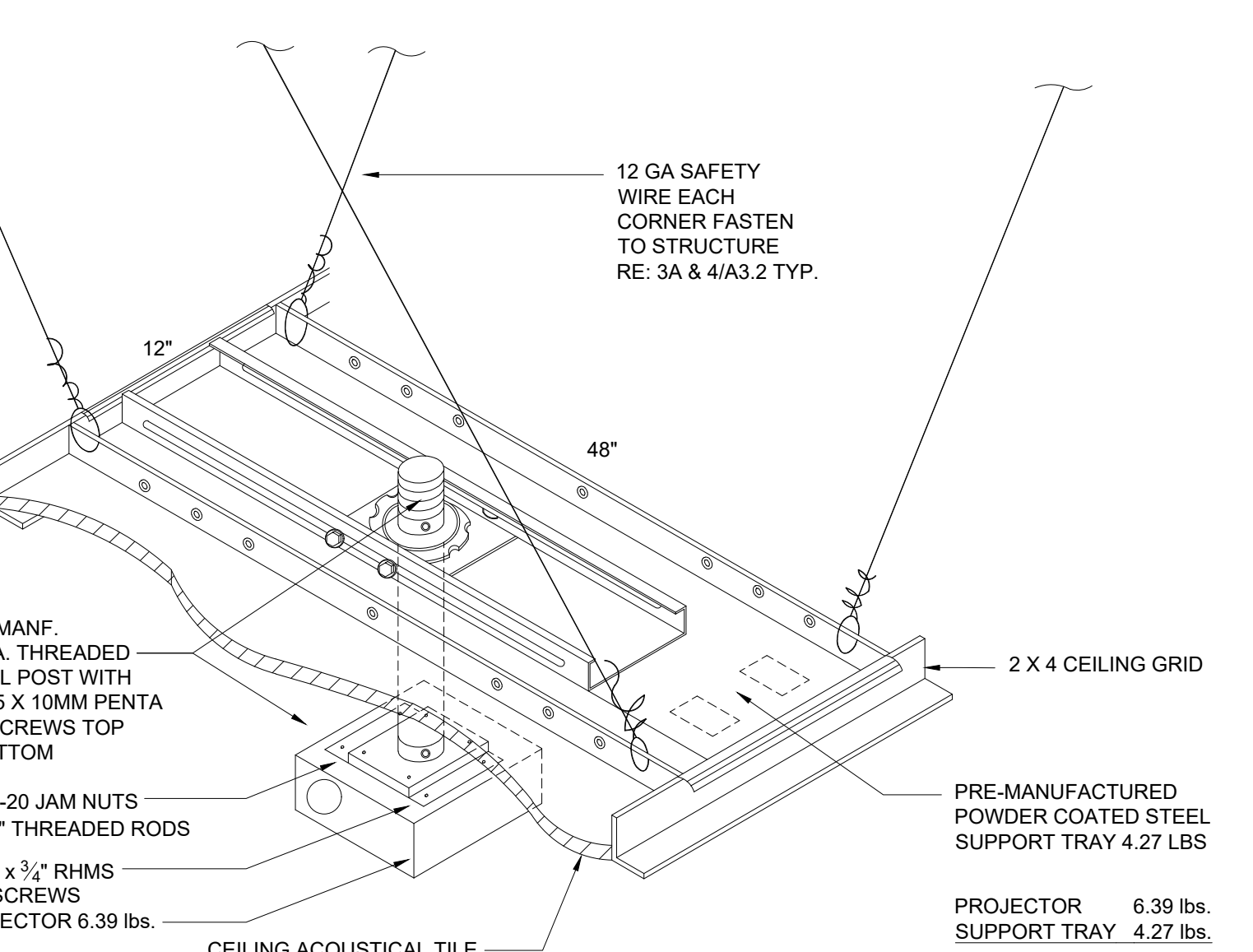
2A ATTACHMENT @ HOOD
SCALE: 3\"/>



5 COMPRESSION STRUT TOP
SCALE: 1-1/2\"/>



5A COMPRESSION STRUT BASE
SCALE: N.T.S.



8 CEILING MTD. PROJECTOR
SCALE: N.T.S.

METAL SUSPENSION SYSTEMS FOR LAY-IN-PANEL CEILING (HEAVY DUTY GRID SYSTEMS)

- 1. CEILING SYSTEM GENERAL NOTES:**
- 1.01 Ceiling system components shall comply with ASTM C635-07 and Section 5.1 of ASTM E580-10a.
 - 1.02 The ceiling grid system must be rated heavy duty as defined by ASTM C635-08.
 - 1.03 Ceiling systems. The following ceiling system(s) is/are part of the scope of this project:

Manufacturer's Name Chicago Metallic
 Product Evaluation Report Type and Number ESR-2631
 Manufacturer's Model Number - main runner 200
 Manufacturer's catalog number - cross runner 1214

- 1.04 Seismic Wall Clip:
Manufacturer's Model 1496
- 1.05 Ceiling panels shall not support any light fixtures, air terminals or devices.
- 1.06 For ceiling installations utilizing acoustical tile panels of mineral or glass fiber, it is not mandatory to provide 1/4" clearance between the acoustical tile panels and the wall on the sides of the ceiling which are free to slip. For all other ceiling panel types, provide 1/4" clearance between the ceiling panel and the wall on the sides of the ceiling free to slip.

- 2. MATERIALS:**
- 2.01 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641-09a. Wires shall be #12 gage (0.106" diameter) with soft temper and minimum tensile strength = 70 ksi.
 - 2.02 Galvanized sheet steel (including that used for metal stud and track compression struts/posts) shall conform to ASTM A653-11, or other equivalent sheet steel listed in Section A2.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members 2007, including supplement 2 dated 2010 (AISI S100-07/S2-10). Material 43 mil (18 gage) and lighter shall have minimum yield strength of 33 ksi. Material 54 mil (16 gage) and heavier shall have a minimum yield strength of 50 ksi.
 - 2.03 Electrical metallic tube (EMT) shall be ANSI C80.3/UL 797 carbon steel with G90 galvanizing. EMT shall have minimum yield strength (Fy) of 30 ksi and minimum ultimate strength (Fu) of 48 ksi.

- 3. ATTACHMENT OF HANGER AND BRACING WIRES:**
- 3.01 Separate all ceiling hanger and bracing wires at least six (6) inches from all unbraced ducts, pipes, conduit, etc.
 - 3.02 Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to: piping, ductwork, conduit and equipment.
 - 3.03 Hanger wires that are more than one (horizontal) in six (vertical) out of plumb shall have counter-sloping wires.
 - 3.04 Slack safety wires shall be considered hanger wires for installation and testing requirements.
 - 3.05 Hanger and bracing wire anchorage to the structure shall be installed in such a manner that the direction of the anchorage aligns closely with the direction of the wire. (e.g. bracing wire ceiling clips must be bent as shown in the details and rotated as required to align closely with the direction of the wire, screw eyes in wood must be installed so they align closely with the direction of the wire, etc.)

4. NOT USED
5. TESTING: All field testing must be performed in the presence of the project inspector.
 - 5.01 Post-installed anchors in concrete used to support hanger wires shall be tested at a frequency of 10 percent. Power actuated fasteners in concrete shall be field tested for 200 lbs. in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1913A.7.
 - 5.02 Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent in accordance with CBC Section 1913A.7.

- 6. LIGHT FIXTURES:**
- 6.01 All light fixtures shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the fixture. A minimum of two screws or approved fasteners are required at each light fixture, per ASTM E580, Section 5.3.1.
 - 6.02 Surface-mounted light fixtures shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting ceiling runner and be made of steel with a minimum thickness of #14 gage. Rotational spring catches do not comply. A #12 gage slack safety wire shall be connected from each clamping device to the structure above. Provide additional supports when light fixtures are eight (8) feet or longer or exceed 56 lb. Maximum spacing between supports shall not exceed eight (8) feet.
 - 6.03 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
 - 6.04 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
 - 6.05 Light fixtures weighing greater than 10 lb. but less than or equal to 56 lbs. may be supported directly on the ceiling runners, but they shall have a minimum of two (2) #12 gage slack safety wires connected from the fixture housing at diagonal corners to the structure above. Exception: All light fixtures greater than two by four feet weighing less than 56 lbs. shall have a #12 gage slack safety wire at each corner.
 - 6.06 All Light fixtures weighing greater than 56 lb. shall be independently supported by not less than four (4) taut #12 gage hanger wires (one at each corner) attached from the fixture housing to the structure above or other approved hangers. The four (4) taut #12 gage wires or other approved hangers, including their attachment to the structure above, shall be capable of supporting four (4) times the weight of the fixture.

- 7.02 Ceiling-mounted air terminals or other services weighing less than or equal to 20 lb. shall have one (1) #12 gage slack safety wire attached from the terminal or service to the structure above.

DSA IR COMPLIANCE

1. 12 GAUGE WIRE TO BE PER IR 25-1
2. INSTALLATION OF METAL SUSPENSION SYSTEMS FOR LAY-IN PANEL CEILING TO BE PER IR 25-2.13

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 5-21-23
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 STATE OF CALIFORNIA

CONSULTANT:

CONSULTANTS STAMP:

SCHOOL DISTRICT:
EAST WHITTIER CITY SCHOOL DISTRICT

PROJECT:
SAN DIMAS HIGH SCHOOL CULINARY ARTS CLASSROOM MODERNIZATION

JOB NUMBER: 12.03.00
 DATE: 08/25/21

REVISION: 1 DATE: _____
 REVISION: 2 DATE: _____

DRAWING TITLE:
CEILING DETAILS

DRAWING NO.:

A3.2

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SCHOOL DISTRICT:
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PROJECT:
 SAN DIMAS
 HIGH SCHOOL
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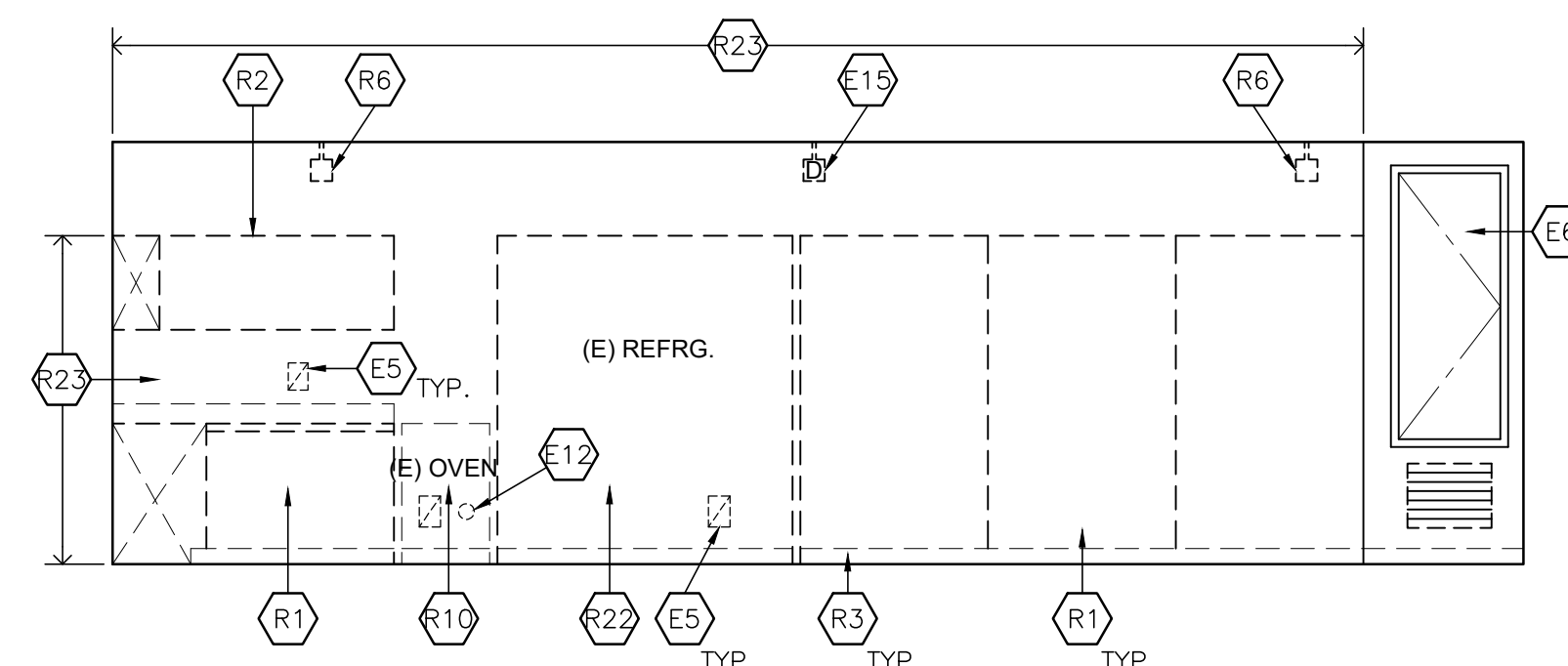
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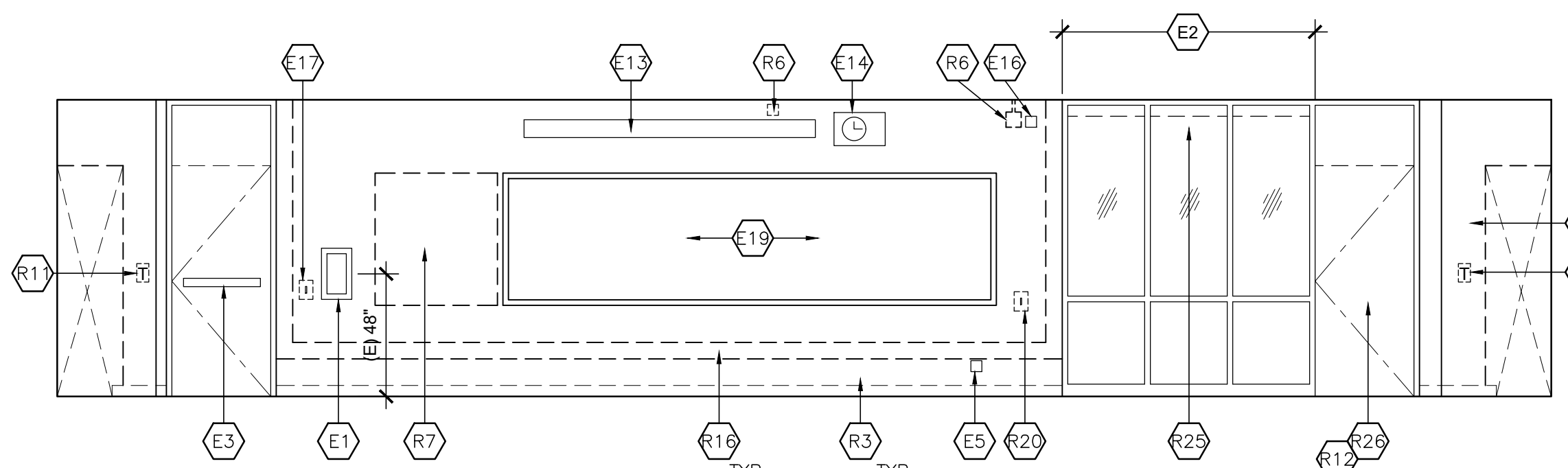
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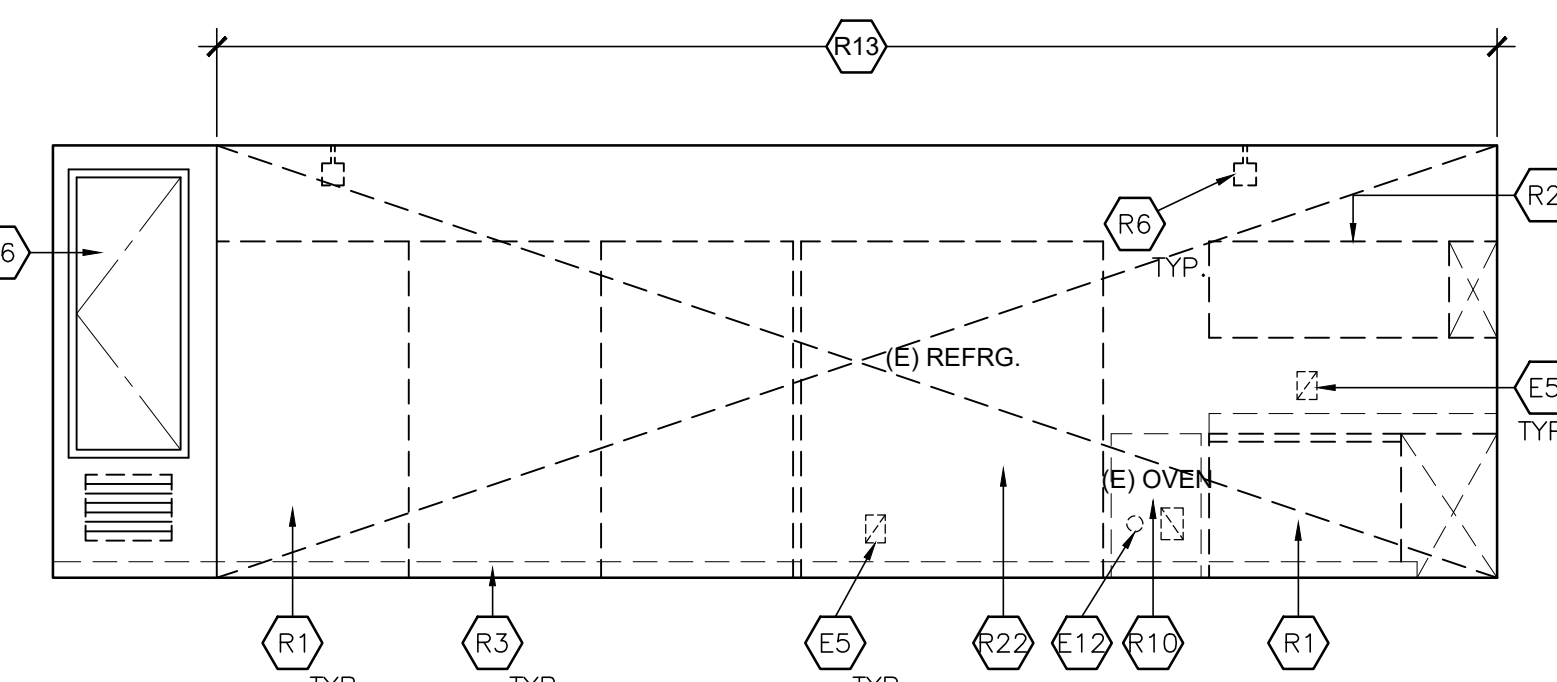
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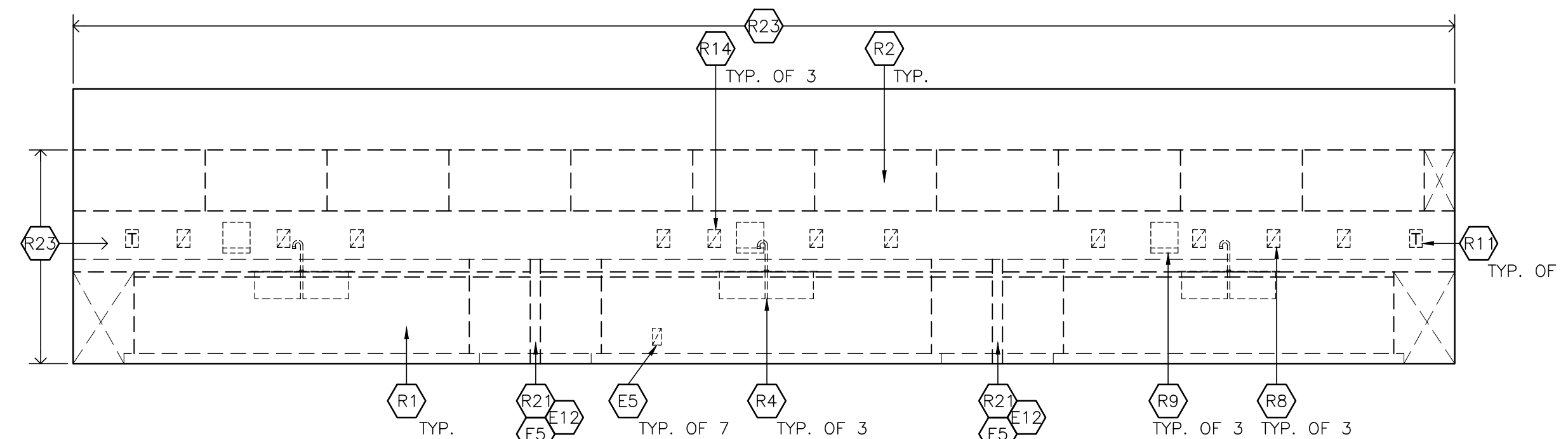
1 DEMO. ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 NORTH



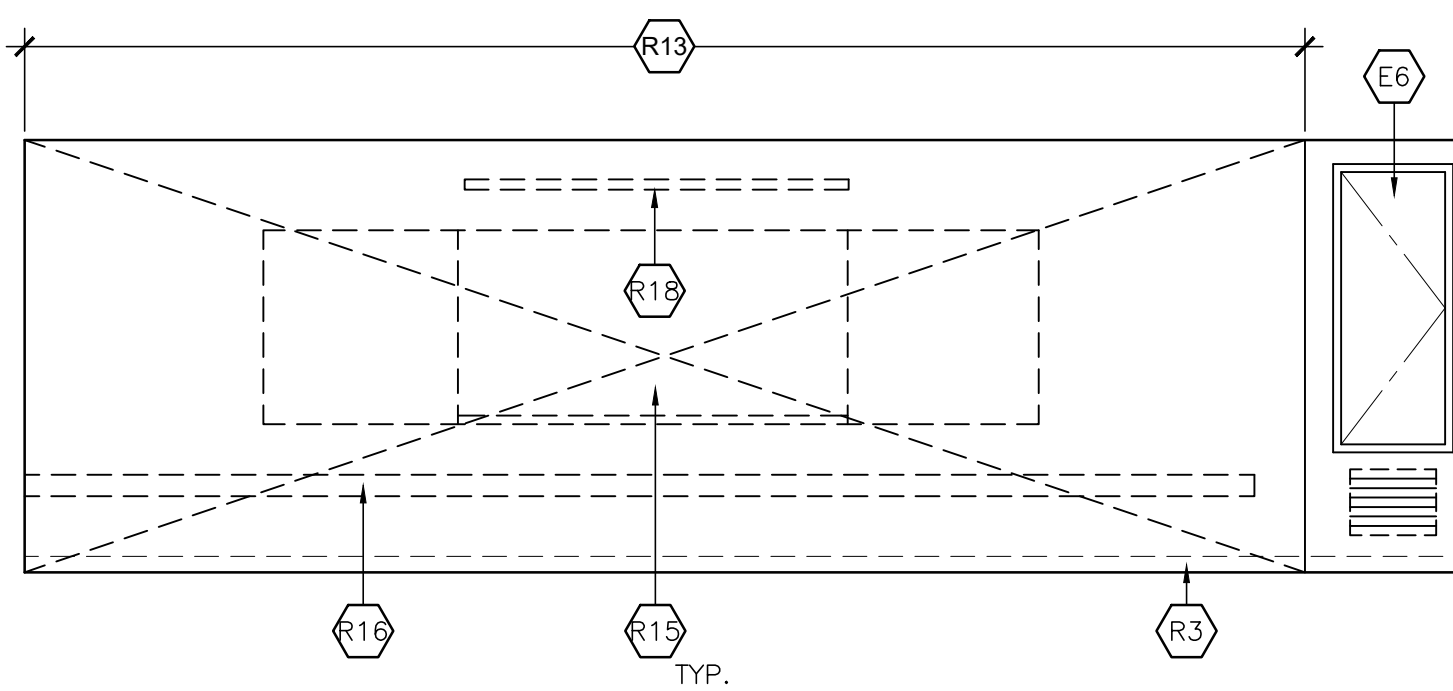
2 DEMO. ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 EAST



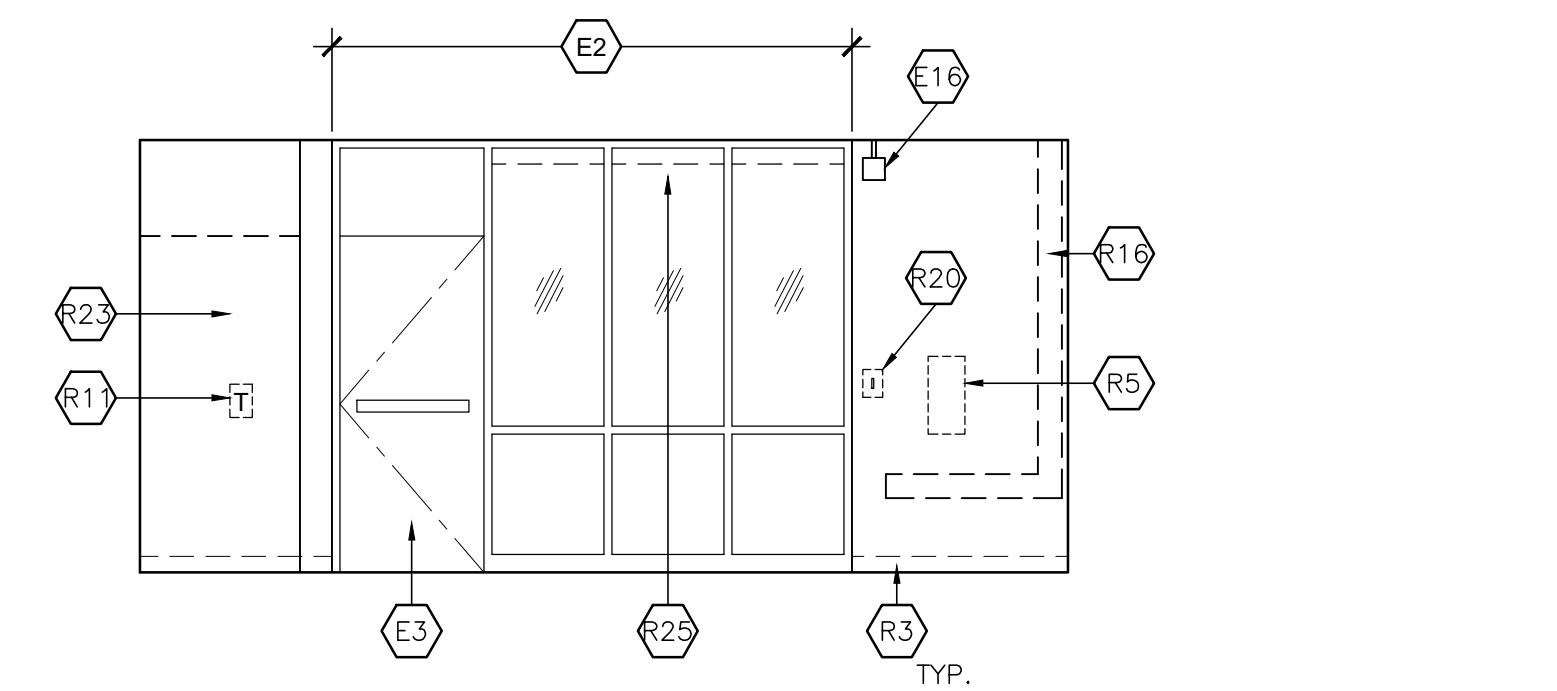
3 DEMO. ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 SOUTH



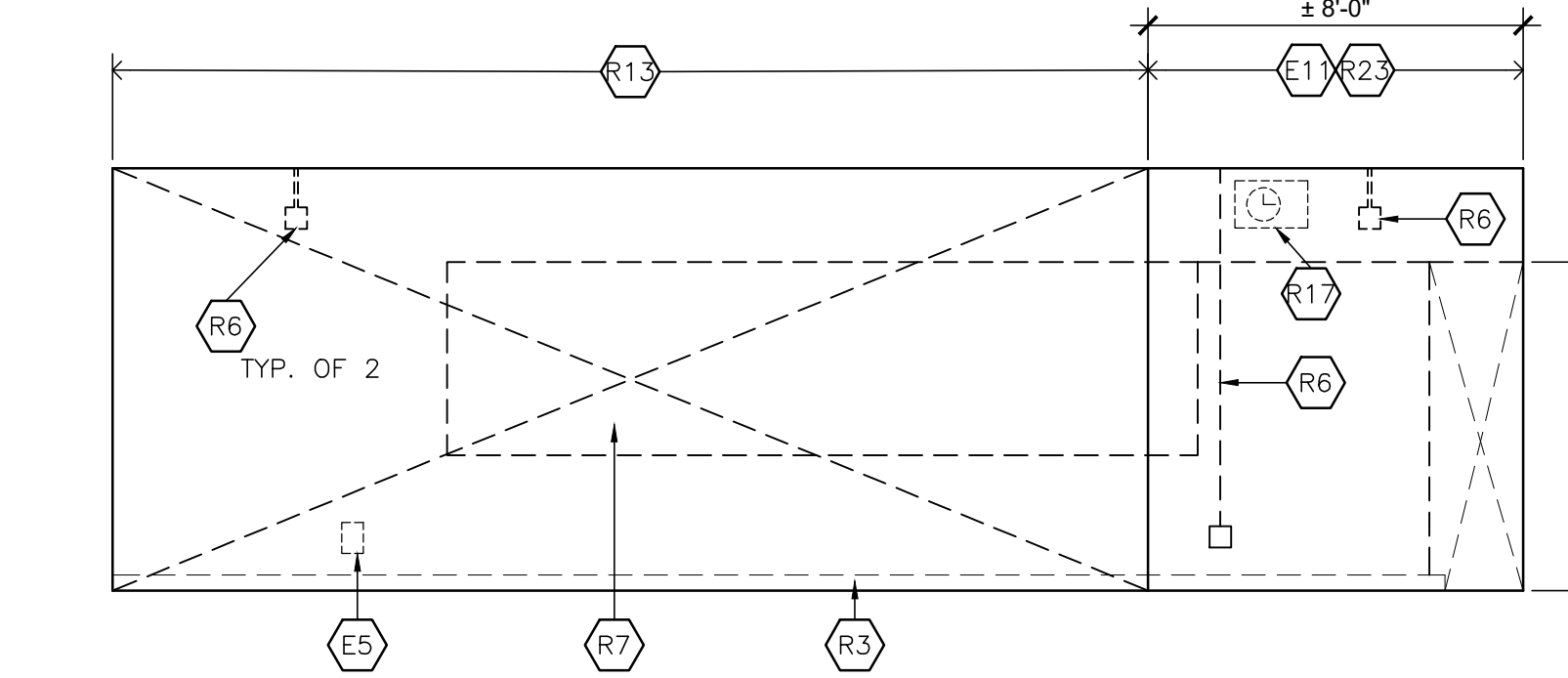
4 DEMO. ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 WEST



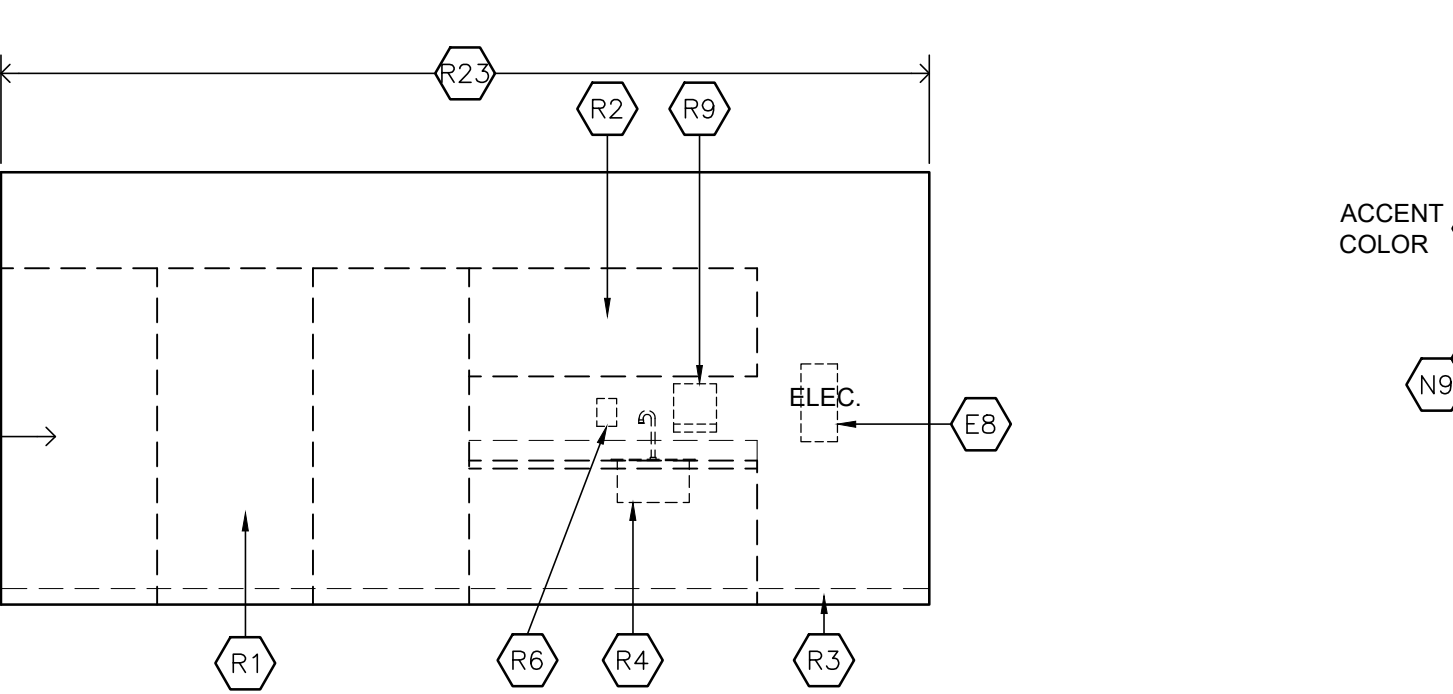
5 DEMO. ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 NORTH



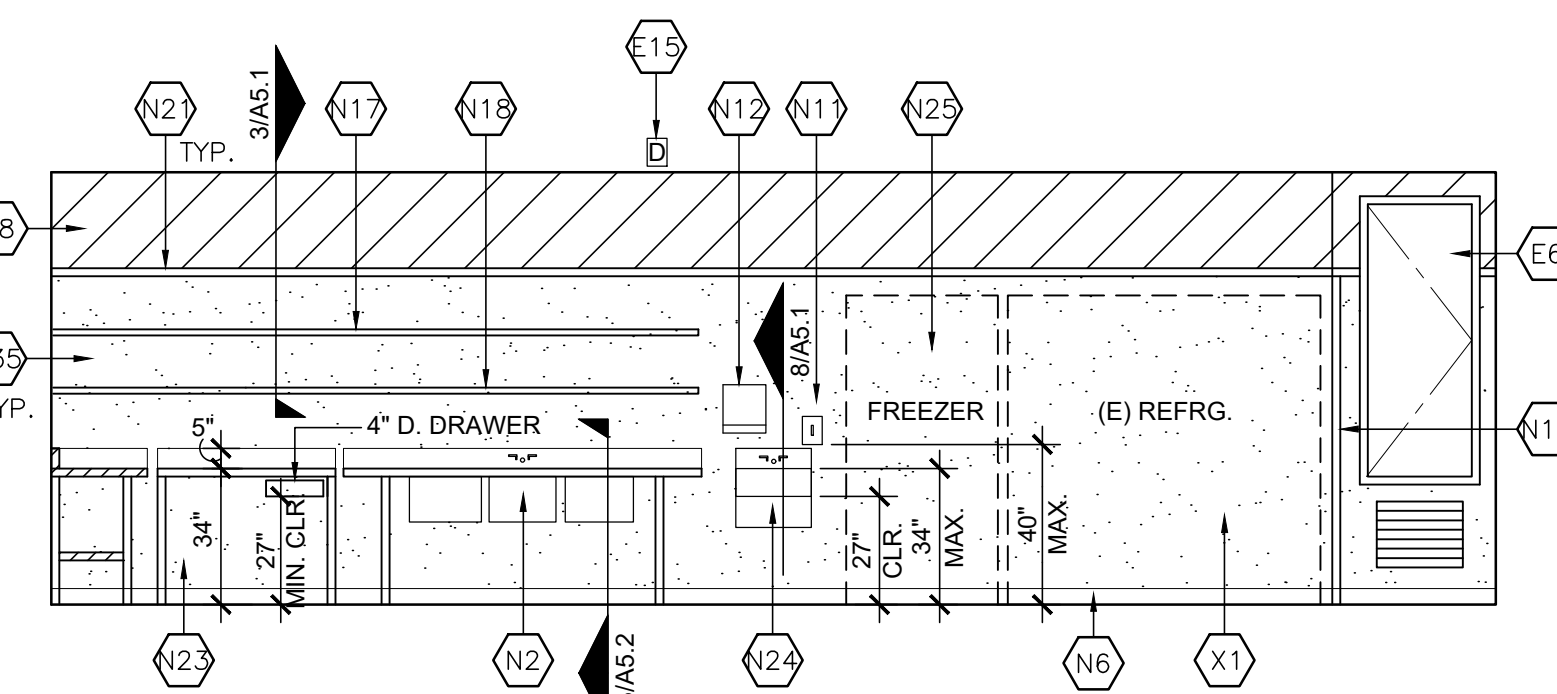
6 DEMO. ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 EAST



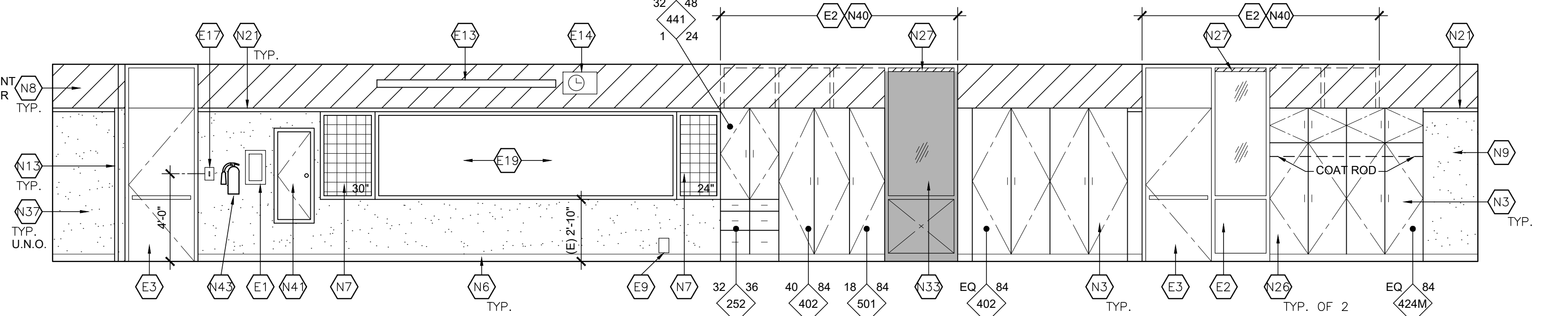
7 DEMO. ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 SOUTH



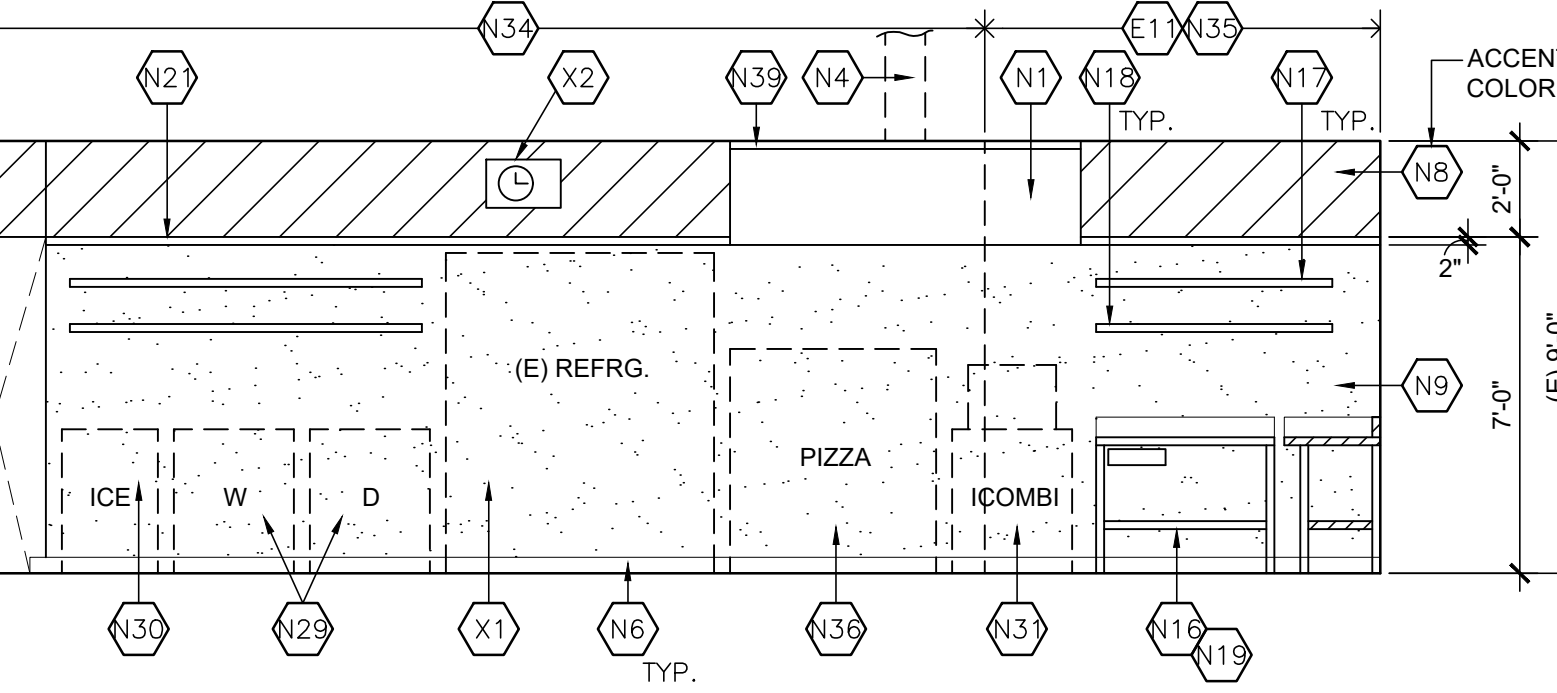
8 DEMO. ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 WEST



9 ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 NORTH



10 ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 EAST



11 ELEVATION
 SCALE: 1/4" = 1'-0"
 ROOM G9 SOUTH

KEYNOTES:

EXISTING:

- E1. EXISTING RECESSED TYPE ABC FIRE EXTINGUISHER CABINET TO REMAIN
- E2. EXISTING WINDOW GLAZING, WINDOW AND / OR DOOR FRAME TO REMAIN, PAINT EXPOSED FACES
- E3. EXISTING DOOR AND HARDWARE TO REMAIN, PAINT BOTH FACES
- E4. EXISTING SURFACE-MOUNTED WIREMOLD TO REMAIN, PAINT
- E5. EXISTING ELECTRICAL OUTLET, RE: ELECTRICAL DWG.
- E6. EXISTING HVAC CLOSET TO REMAIN, PAINT DOOR, FRAME & REPLACE REGISTER, RE: MECHANICAL DWG
- E8. EXISTING ELECTRICAL PANEL, RE: ELECTRICAL
- E9. EXISTING ELECTRICAL OUTLET OR DEVICE TO REMAIN, REMOVE AND RE-INSTALL OVER NEW WALL FINISH
- E10. EXISTING CASEWORK TO REMAIN
- E11. EXISTING WALL TO REMAIN
- E12. EXISTING GAS COCK REMOVE AND CAP, RE: PLUMBING DWG.
- E13. EXISTING PROJECTION SCREEN TO REMAIN
- E14. EXISTING CLOCK TO REMAIN
- E15. EXISTING DATA PORT, RELOCATED TO ABOVE CEILING
- E16. EXISTING FIRE ALARM DEVICE, RE: ELECTRICAL DWG.
- E17. EXISTING LIGHT SWITCH, RAISE TO 4'-0" AFF.
- E19. EXISTING MARKERBOARD TO REMAIN

REMOVE:

- R1. REMOVE EXISTING CASEWORK AND SPLASH (WHERE OCCURS)
- R2. REMOVE EXISTING UPPER CASEWORK
- R3. REMOVE EXISTING RUBBER BASE
- R4. REMOVE EXISTING SINK, GARBAGE DISPOSAL (WHERE OCCURS), AND PLUMBING TO WALL, RE: PLUMBING DWG
- R5. REMOVE EXISTING RECESSED FIRE EXTINGUISHER CABINET
- R6. REMOVE EXISTING ELECTRICAL OR DATA SURFACE-MOUNTED DEVICE
- R7. REMOVE EXISTING TACK BOARD/ CORK SURFACE
- R8. REMOVE EXISTING SOAP DISPENSER, RETURN TO DISTRICT
- R9. REMOVE EXISTING PAPER TOWEL DISPENSER, RETURN TO DISTRICT
- R10. REMOVE EXISTING STOVE
- R11. REMOVE EXISTING THERMOSTAT, RE: MECHANICAL
- R12. REMOVE EXISTING DOOR AND TRANSOM PANEL
- R13. REMOVE EXISTING NON-BEARING WALL, FLOOR TO ROOF STRUCTURE
- R14. REMOVE EXISTING GARBAGE DISPOSAL SWITCH, RE: ELECTRICAL
- R15. REMOVE EXISTING MARKERBOARD AND/ OR TACKBOARD, RETURN TO DISTRICT
- R16. REMOVE EXISTING S400 RACEWAY
- R17. REMOVE AND SALVAGE EXISTING CLOCK / SPEAKER
- R18. REMOVE EXISTING PROJECTOR SCREEN AND RETURN TO DISTRICT
- R20. REMOVE EXISTING LIGHT SWITCH
- R21. REMOVE EXISTING POKEY WALL
- R22. REMOVE AND SALVAGE EXISTING REFRIGERATOR
- R23. REMOVE 7'-0" H. OF THE EXISTING GYPSUM PLASTER AND LATHE
- R24. REMOVE EXISTING SIGNAGE

EXISTING:

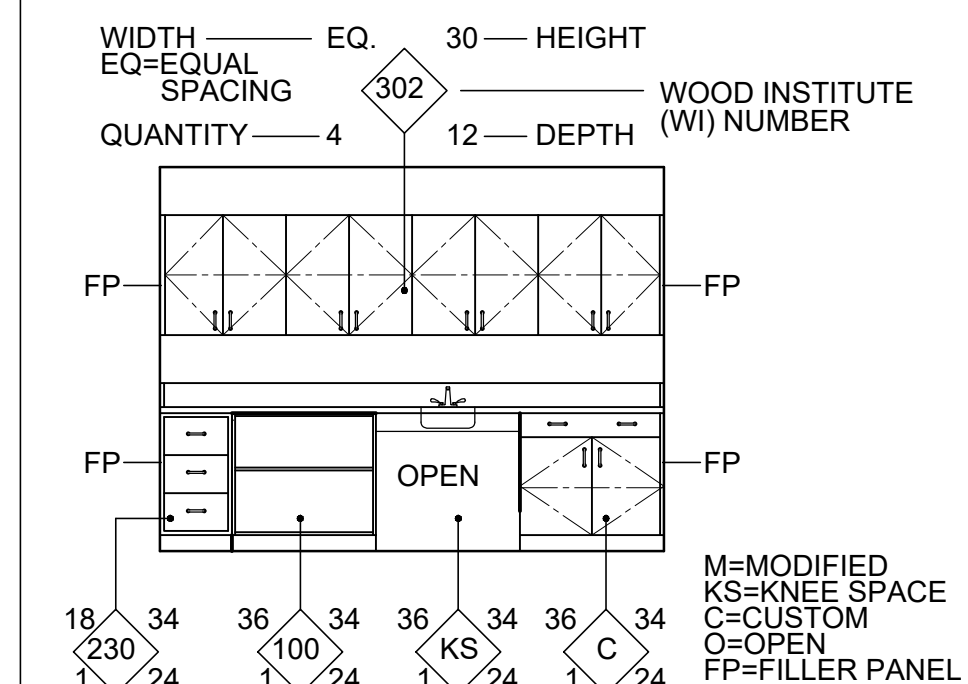
- X1. RE-INSTALL EXISTING REFRIGERATOR ADD SEISMIC BRACING, RE: 2/A5.2
- X2. RE-INSTALL EXISTING CLOCK IN NEW LOCATION

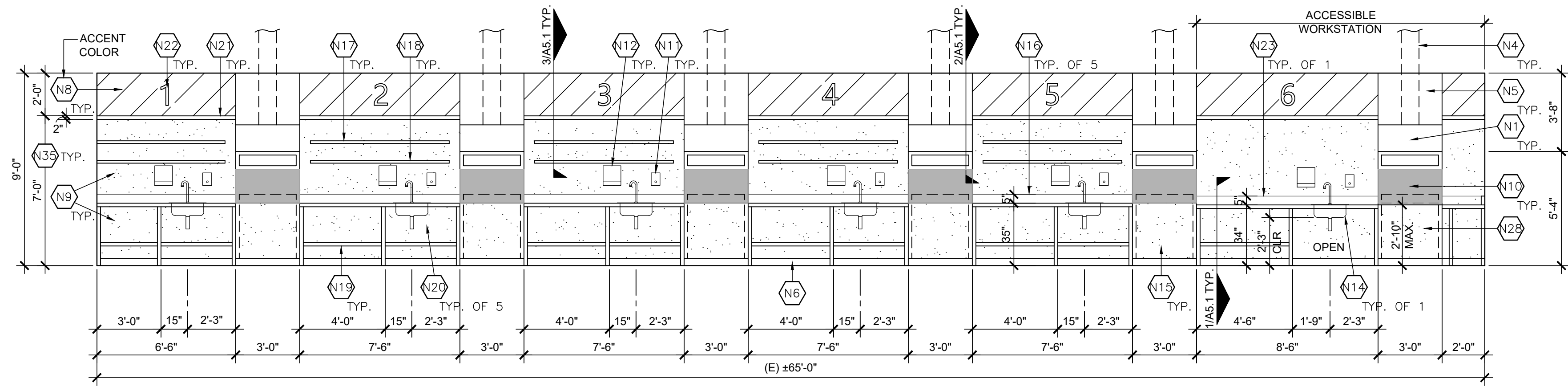
NEW:

- N1. NEW S.S. ELECTRIC EXHAUST HOOD AND SEISMIC BRACING, RE: 2/SO.2, 4/SO.3 & MECHANICAL
- N2. NEW 3-COMPARTMENT S.S. SINK AND SEISMIC BRACING, RE: 3/A5.2
- N3. NEW PLASTIC LAMINATED CASEWORK, RE: CD.1
- N4. NEW EXHAUST DUCT THRU ROOF, 2/A5.1 & RE: MECHANICAL
- N6. NEW INTEGRAL WITH FLOORING 4" BASE WITH CONTINUOUS ALTOS C4 PVC CAP STRIP, RE: 1/A5.1
- N7. NEW 4" H. BULLETIN BOARD, FIELD VERIFY WIDTH, RE: 8/A5.2
- N8. NEW WALL PAINT
- N9. NEW FRP WALL COVERING OVER NEW 3/4" GYP. BOARD
- N11. NEW SOAP DISPENSER
- N12. NEW PAPER TOWEL DISPENSER
- N13. NEW PVC CORNER GUARD
- N16. NEW 35.5" H. S.S. WORKTABLE WITH 5" H. INTEGRAL SPLASH AND SEISMIC BRACING, RE: 1/A5.1
- N17. NEW 18" D. WALL-MOUNTED S.S. WIRE ADJUSTABLE SHELVING 3/A5.1
- N18. NEW 14" D. WALL-MOUNTED S.S. WIRE ADJUSTABLE SHELVING 3/A5.1
- N19. NEW S.S. WORKTABLE UNDERSHELF AND SEISMIC BRACING, RE: 1/A5.1
- N21. NEW 2" CONTINUOUS HALF-ROUND HARDWOOD TRIM, PAINT, 3/A5.1
- N22. NEW ACCESSIBLE 34" H. S.S. WORKTABLE WITH 5" H. INTEGRAL SPLASH AND SEISMIC BRACING, RE: 1/A5.1
- N24. NEW ACCESSIBLE HAND SINK, RE: 8/A5.1
- N25. NEW FREEZER AND SEISMIC BRACE, RE: 2/A5.2
- N26. NEW 60" H. WARDROBE CABINET WITH 18" H. STORAGE CABINET ABOVE, RE: CD.1
- N27. NEW ROLLER BLINDS

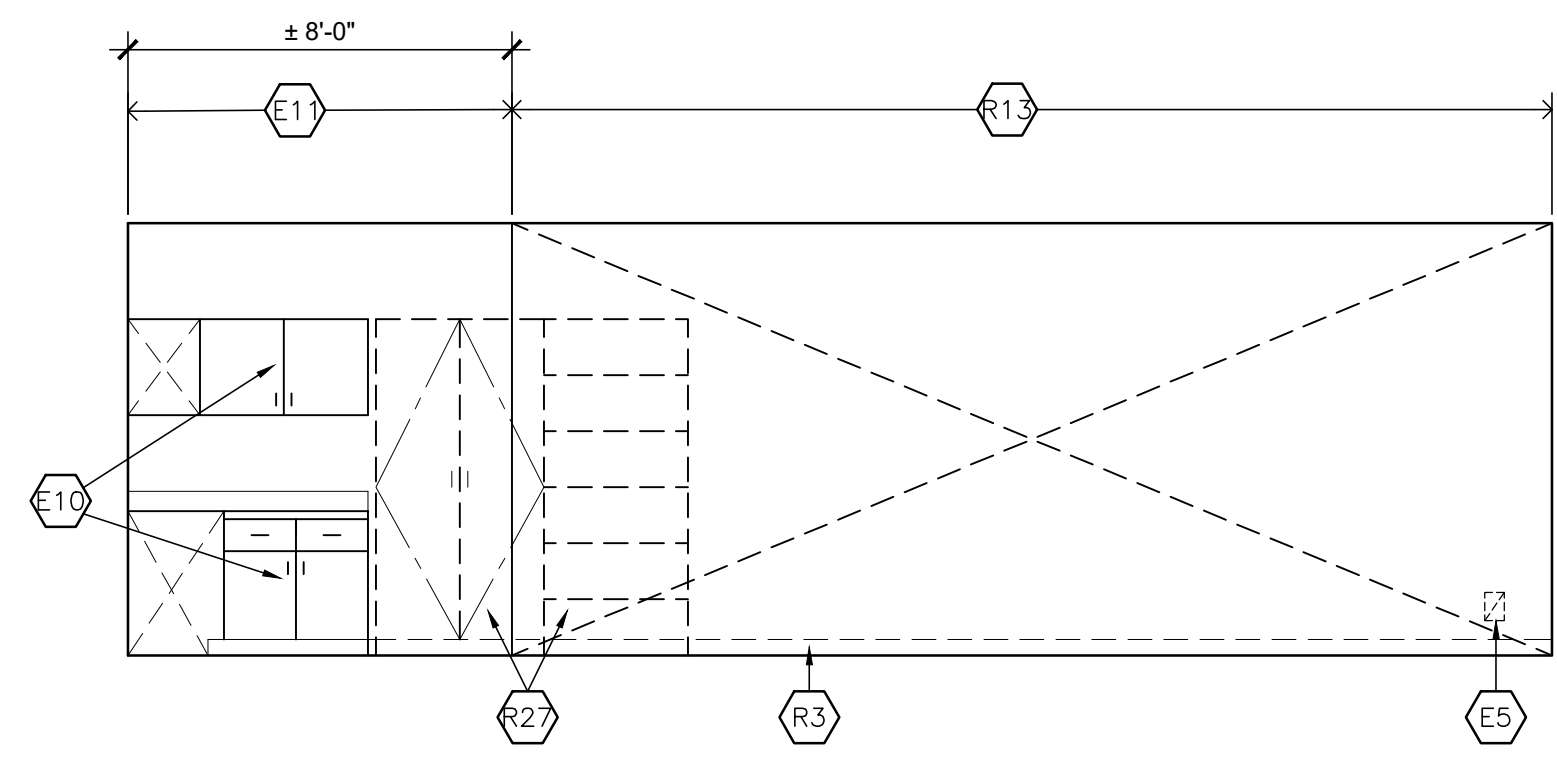
- N29. NEW ELECTRIC WASHER AND GAS DRYER AND SEISMIC BRACING, RE: 1/A5.2
- N30. NEW ICE-MAKER AND SEISMIC BRACING, RE: 1/A5.2
- N31. NEW GAS (COMBI) OVEN AND STOVE AND SEISMIC BRACING, RE: 1/A5.2
- N32. NEW 4" RUBBER BASE TO MATCH EXISTING
- N33. NEW MODIFIED WINDOW FRAME AND ADD NEW TINTED GLAZING AND MAPES PANEL TO MATCH EXISTING, FIELD VERIFY, RE: 6/A5.1
- N34. NEW FLOOR TO ROOF STRUCTURE WALL WITH SOUND INSULATION, RE: 4/A5.1
- N35. NEW 5/8" GYP. BD. ON EXISTING WOOD STUDS AND NEW SOUND INSULATION (INTERIOR WALLS)
- N36. NEW ELECTRIC-PIZZA OVEN AND SEISMIC BRACING, RE: 2/A5.2
- N37. NEW FRP WALL COVERING OVER EXISTING GYP. BOARD
- N39. NEW S.S. DUCT COVER / STRAIGHT WRAP, FIELD VERIFY SIZE, RE: 2/A5.1
- N40. PAINT EXISTING GLAZING (INTERIOR FACE) BLACK WHERE CASEWORK / WALL OCCURS
- N41. NEW ELECTRICAL PANEL, PAINT, RE: ELECTRICAL
- N43. NEW TYPE K FIRE EXTINGUISHER, RE: 5/A5.2

CASEWORK LEGEND

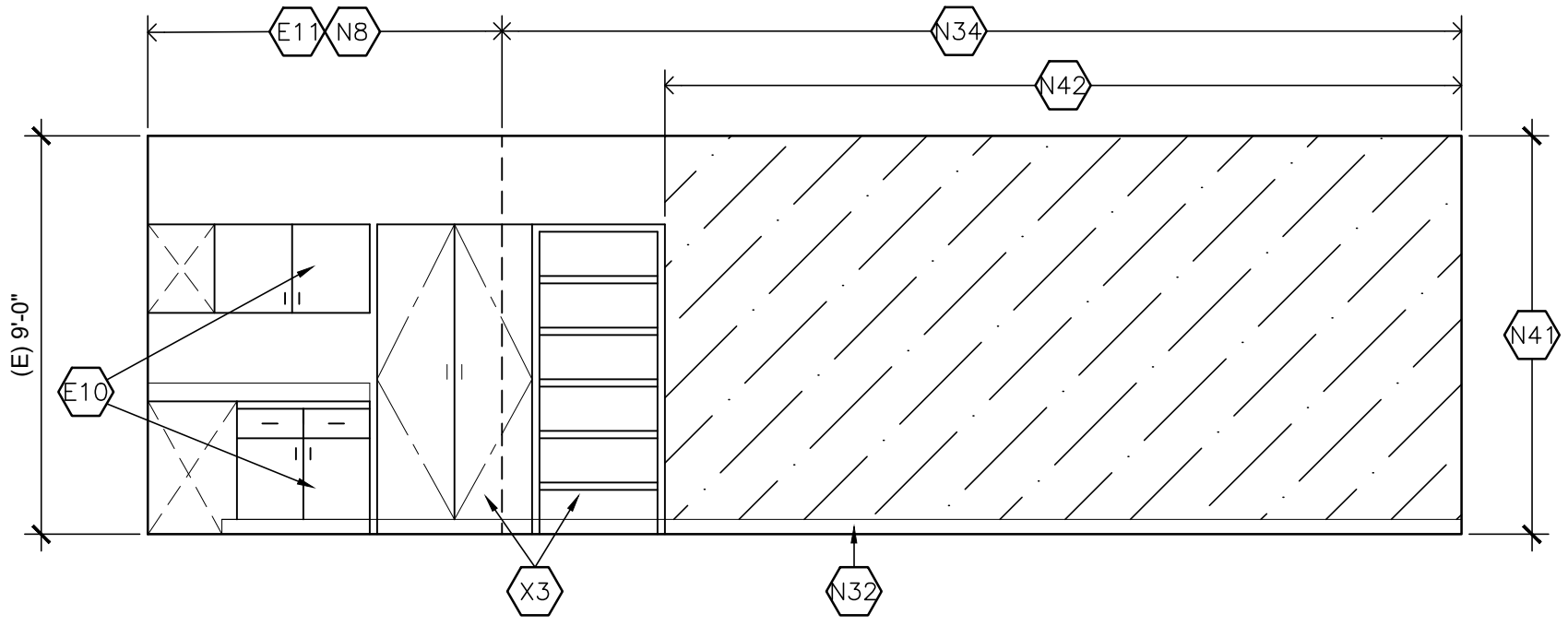




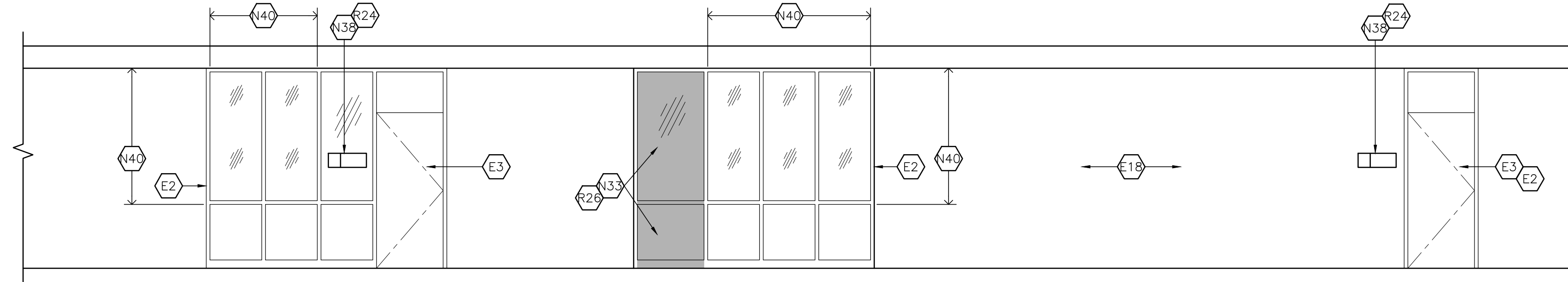
1 ELEVATION
SCALE: 1/4" = 1'-0" ROOM G9 WEST



2 DEMO. ELEVATION
SCALE: 1/4" = 1'-0" ROOM G7 NORTH



3 ELEVATION
SCALE: 1/4" = 1'-0" ROOM G7 NORTH



4 ELEVATION
SCALE: 1/4" = 1'-0" EXTERIOR

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SCHOOL DISTRICT:
BONITA UNIFIED SCHOOL DISTRICT

PROJECT:
SAN DIMAS HIGH SCHOOL CULINARY ARTS CLASSROOM MODERNIZATION

JOB NUMBER: 12.03.00
DATE: 08/25/21
REVISION: DATE: _____
REVISION: DATE: _____

DRAWING TITLE:
ELEVATIONS

DRAWING NO.:
A4.2

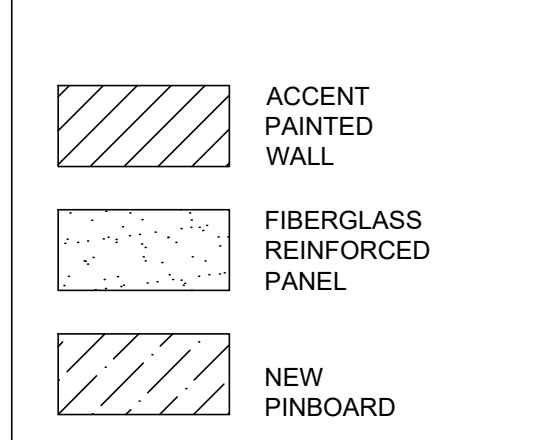
KEYNOTES:

EXISTING:
E2. EXISTING WINDOW GLAZING, WINDOW AND/OR DOOR FRAME TO REMAIN
E3. EXISTING DOOR AND HARDWARE TO REMAIN, PAINT BOTH FACES
E5. EXISTING ELECTRICAL OUTLET, RE: ELECTRICAL DWG.
E10. EXISTING CASEWORK TO REMAIN
E11. EXISTING WALL TO REMAIN
E18. EXISTING BRICK TO REMAIN, CLEAN

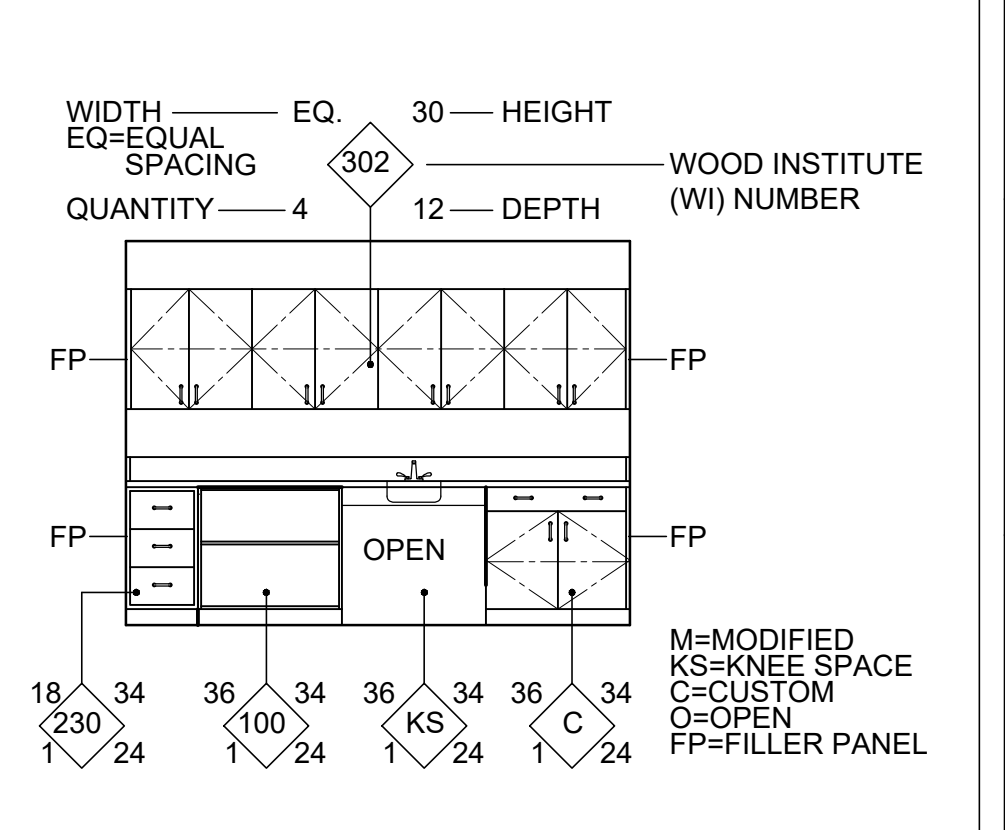
REMOVE:
R13. REMOVE EXISTING NON-BEARING WALL, FLOOR TO ROOF STRUCTURE
R24. REMOVE EXISTING SIGNAGE
R26. REMOVE AND MODIFY EXISTING DOOR FRAME AS REQUIRED TO CREATE NEW WINDOW TO MATCH EXISTING
R27. REMOVE AND SALVAGE EXISTING CASEWORK

NEW:
N1. NEW S.S. ELECTRIC EXHAUST HOOD AND SEISMIC BRACING, RE: 2/A5.1 & 2/SO.3
N4. NEW EXHAUST DUCT THRU ROOF, RE: 2/A5.1
N5. NEW 36" W. X 24" D. X +/-30" H. S.S. DUCT COVE / STRAIGHT WRAP
N6. NEW INTEGRAL WITH FLOORING 4" BASE WITH CONTINUOUS ALTOS C4 PVC CAP STRIP, RE: 1/A5.1
N8. NEW WALL PAINT
N9. NEW FRP WALL COVERING WITH PVC CORNER GUARDS
N10. NEW 36" W. X 20" H. 22 GA. MIN. S.S. WALL PANEL / BACK SPLASH WITH PERIMETER END CAPS, (5.67 lbs.), ATTACH WITH CONSTRUCTION ADHESIVE
N11. NEW SOAP DISPENSER
N12. NEW PAPER TOWEL DISPENSER
N14. NEW ACCESSIBLE S.S. SINK, FAUCET, GARBAGE DISPOSAL, PLUMBING TO WALL AND PIPE PROTECTOR, RE: 1/A5.1
N15. NEW GAS RANGE WITH SEISMIC BRACING, RE: 1/A5.2
N16. NEW 35.5" H. S.S. WORKTABLE WITH 5" H. INTEGRAL SPLASH AND SEISMIC BRACING, RE: 1/A5.2
N17. NEW 18" D. WALL-MOUNTED S.S. WIRE ADJUSTABLE SHELVING, RE: 3/A5.1
N18. NEW 14" D. WALL-MOUNTED S.S. WIRE ADJUSTABLE SHELVING, RE: 3/A5.1
N19. NEW S.S. WORKTABLE UNDERSHELF
N20. NEW 18" W. X 18" L. X 14" D. S.S. SINK, FAUCET, GARBAGE DISPOSAL AND SEISMIC BRACING, RE: 1/A5.1
N21. NEW 2" CONTINUOUS 2" HALF ROUND WALL GUARD, RE: 3/A5.1
N22. NEW 1/2" D. X 12" H. LASER CUT ACRYLIC NUMBER
N23. NEW ACCESSIBLE 34" H. S.S. WORKTABLE WITH 5" H. INTEGRAL SPLASH AND SEISMIC BRACING, RE: 1/A5.1
N28. NEW 34" H. GAS RANGE AND SEISMIC BRACING, RE: 1/A5.2
N32. NEW 4" RUBBER BASE TO MATCH EXISTING
N33. NEW MODIFIED WINDOW FRAME AND TINTED GLAZING TO MATCH EXISTING, FIELD VERIFY, RE: 6/A5.1
N34. NEW FLOOR TO ROOF STRUCTURE WALL WITH SOUND INSULATION, RE: 4/A5.1
N35. NEW 5" GYP. BD. ON EXISTING WOOD STUDS AND SOUND INSULATION
N38. NEW SIGNAGE, RE: A7.1
N40. PAINT EXISTING INTERIOR FACE OF GLAZING BLACK
N42. NEW FLOOR TO CEILING VINYL COVERED PINBOARD

LEGEND



CASEWORK LEGEND



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PROJECT:
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 CULINARY ARTS
 CLASSROOM
 MODERNIZATION

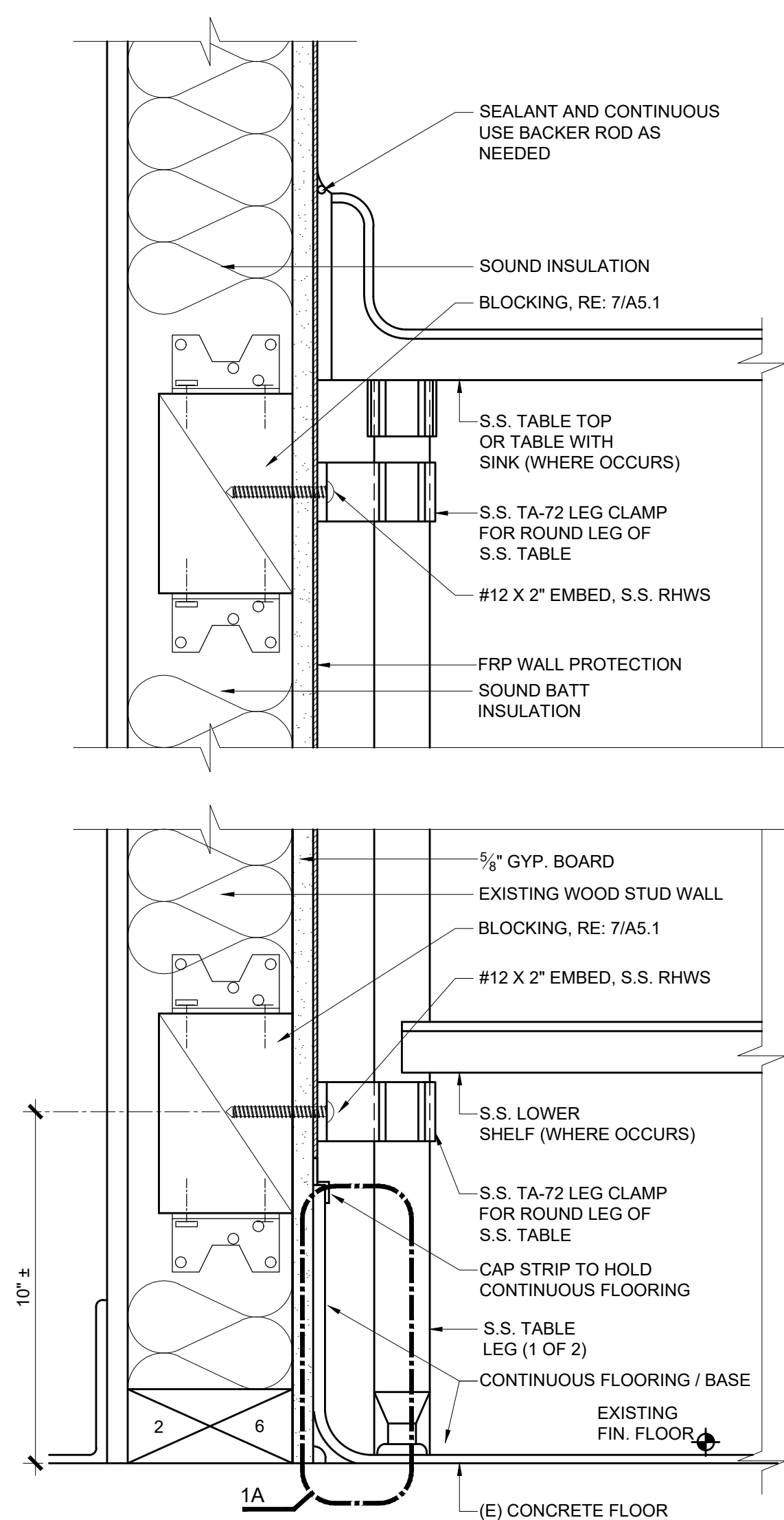
JOB NUMBER: 12.03.00
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 REVISION: 2 DATE: _____

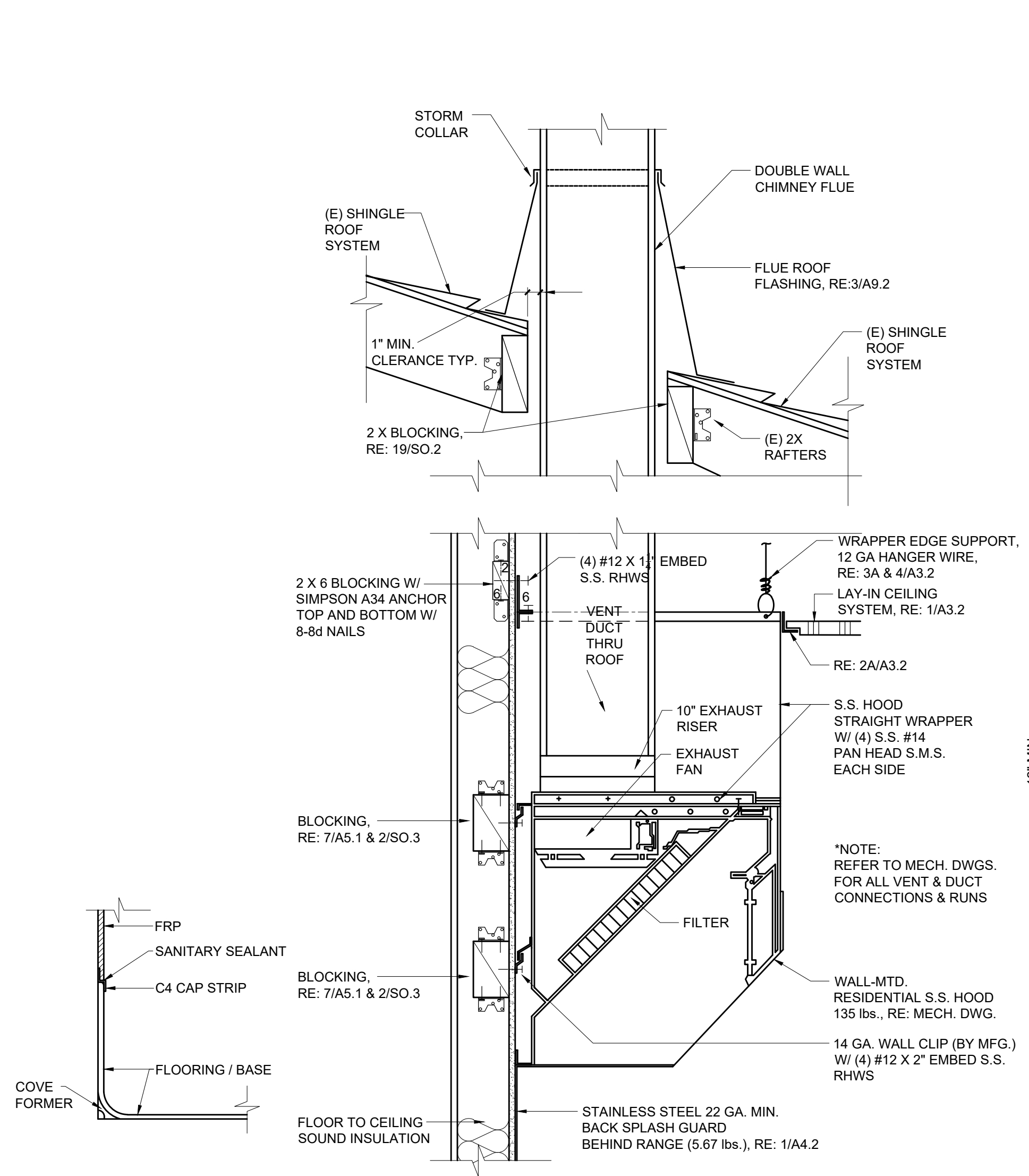
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DRAWING NO.:

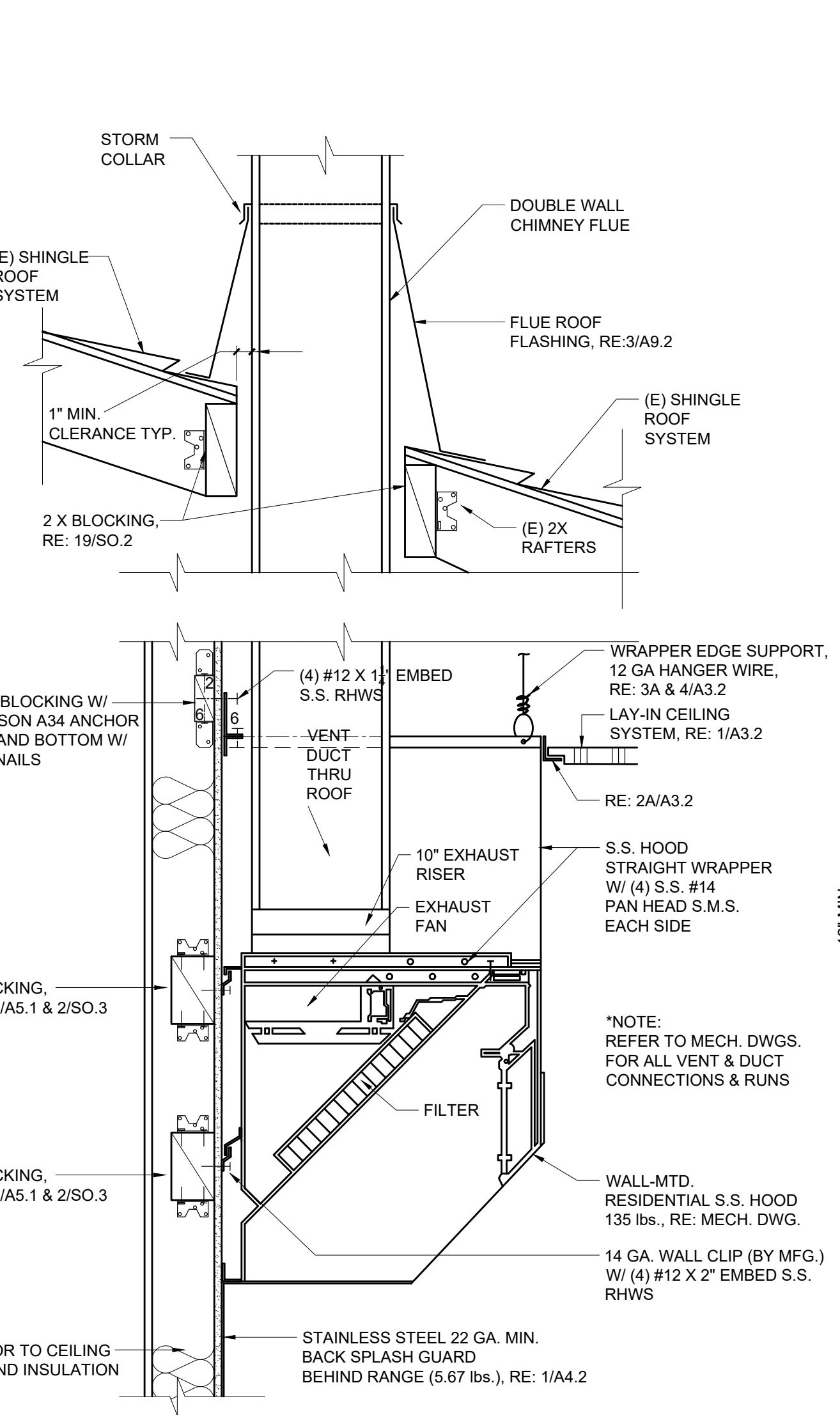
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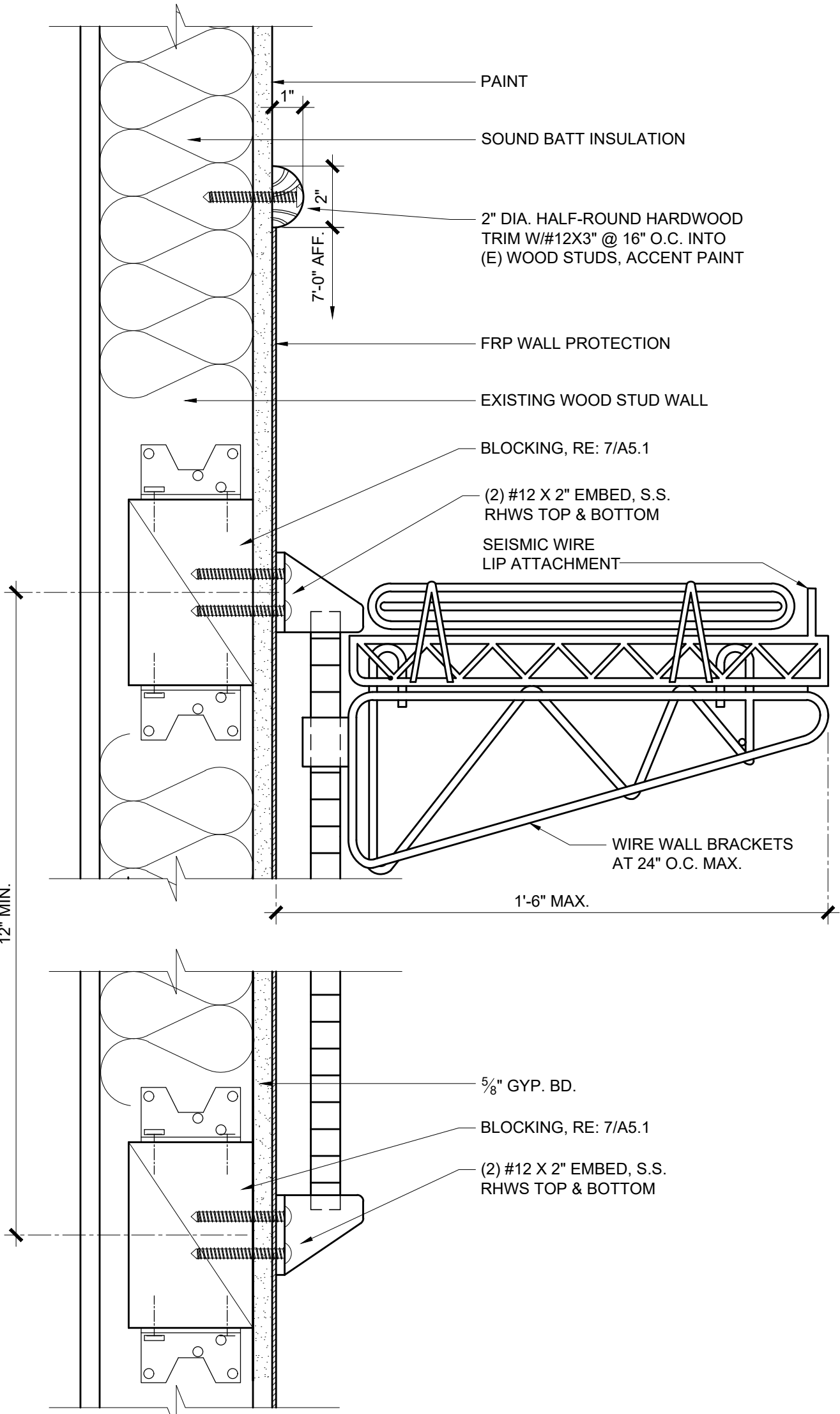
1 DETAIL - WORK TABLE ATTACHMENT
 SCALE: 3"=1'-0"



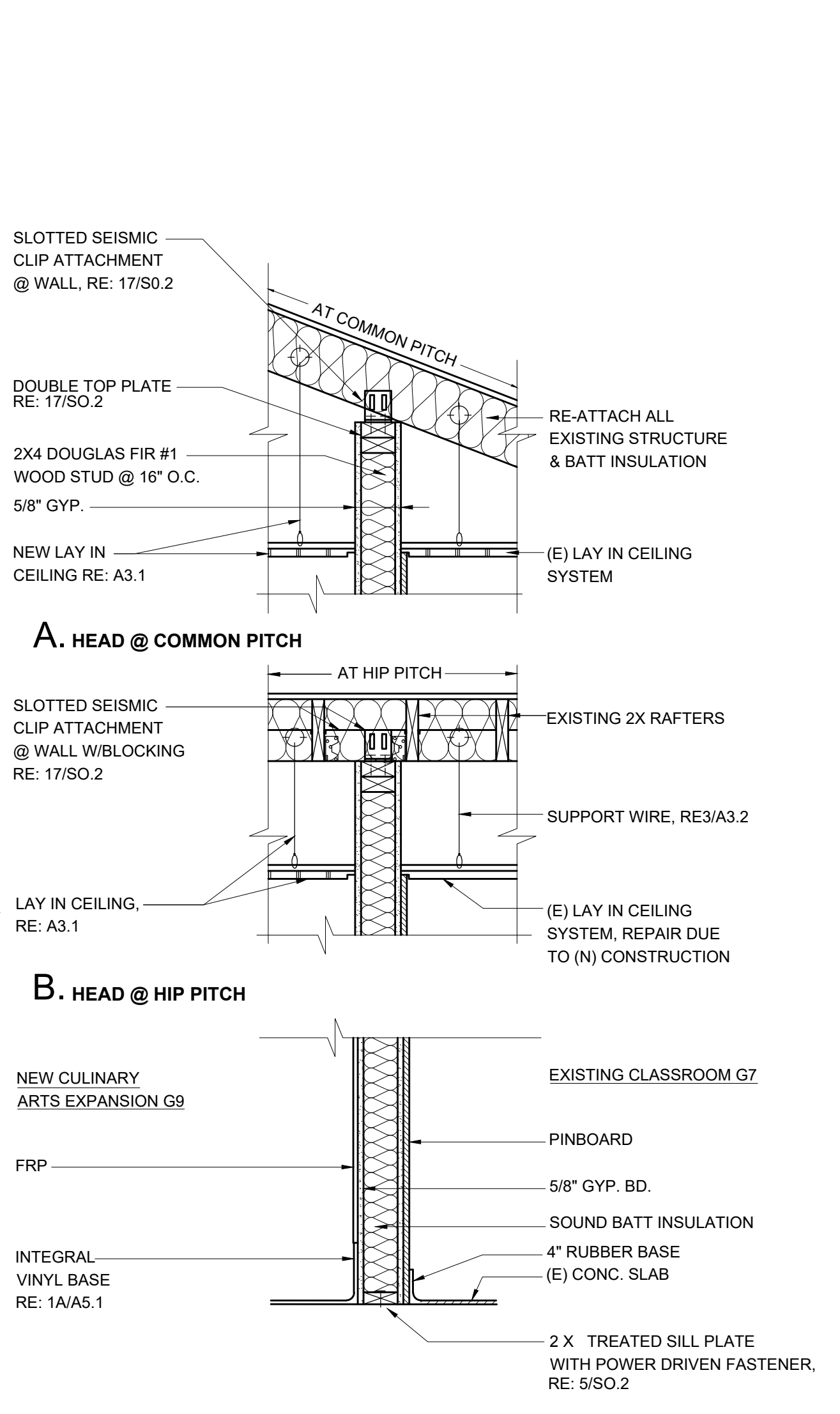
1A DETAIL - BASE
 SCALE: 1/2"=1'-0"



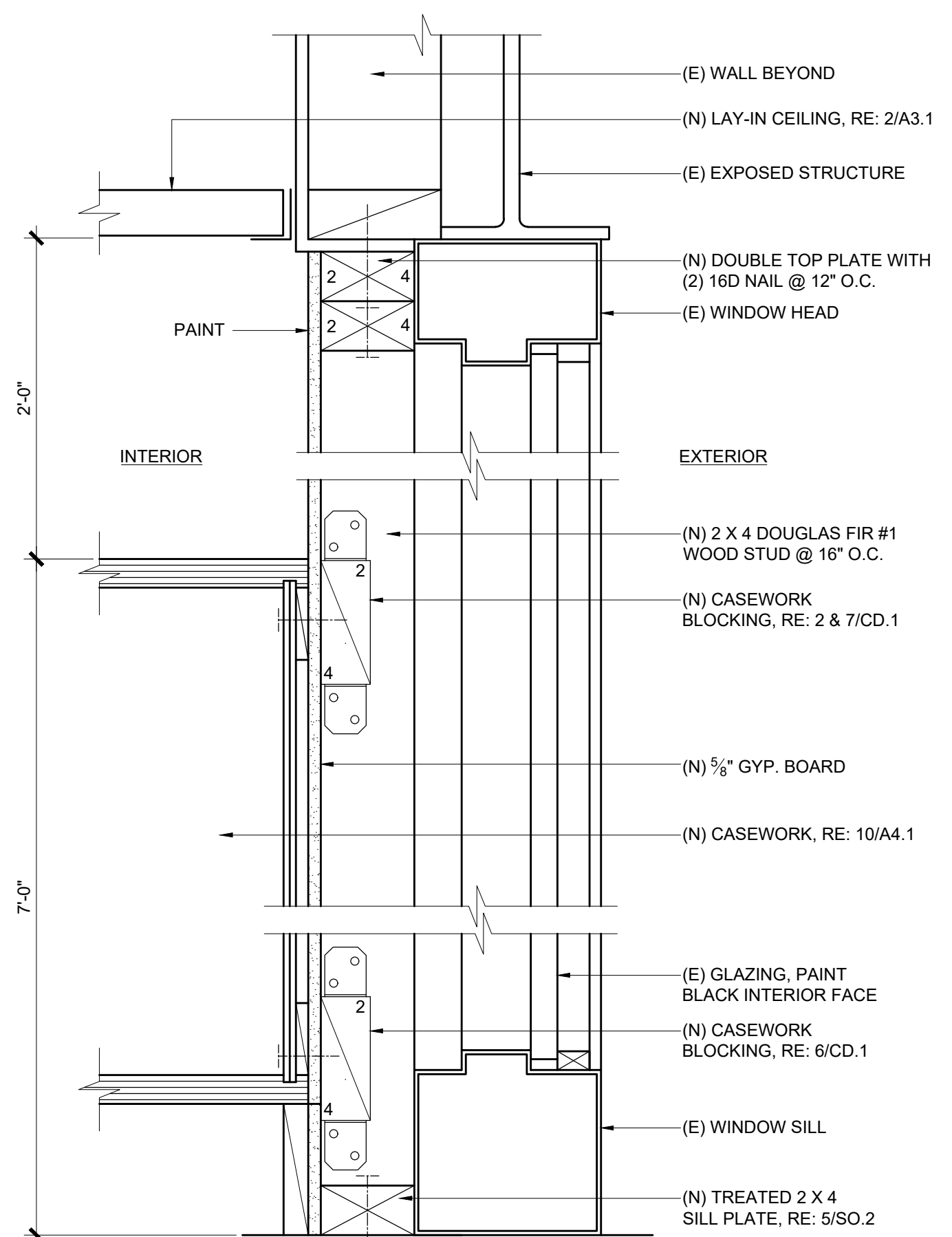
2 DETAIL - VENT HOOD
 SCALE: 1-1/2"=1'-0"



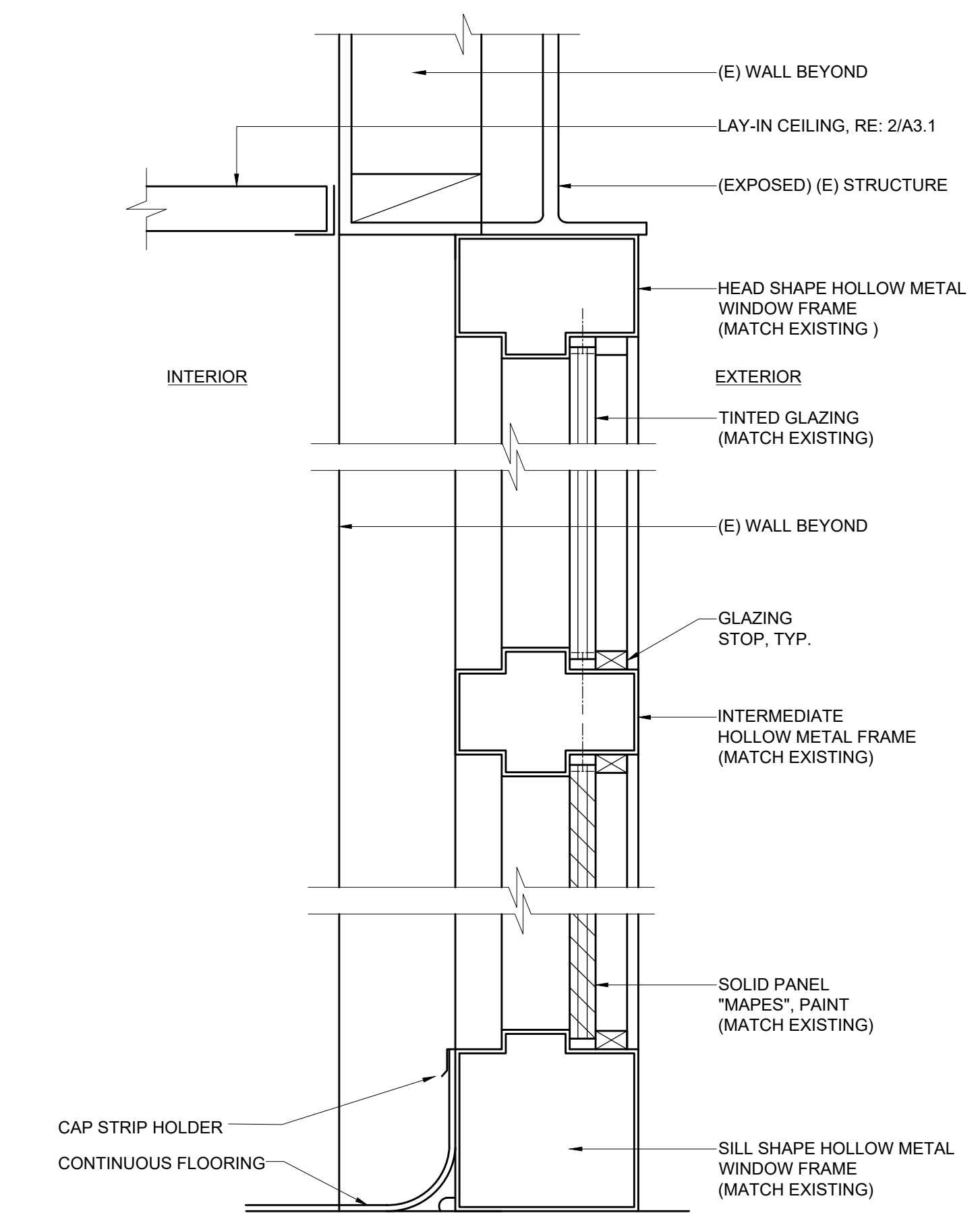
3 DETAIL - ADJUSTABLE SHELVING ATTACHMENT
 SCALE: 3"=1'-0"



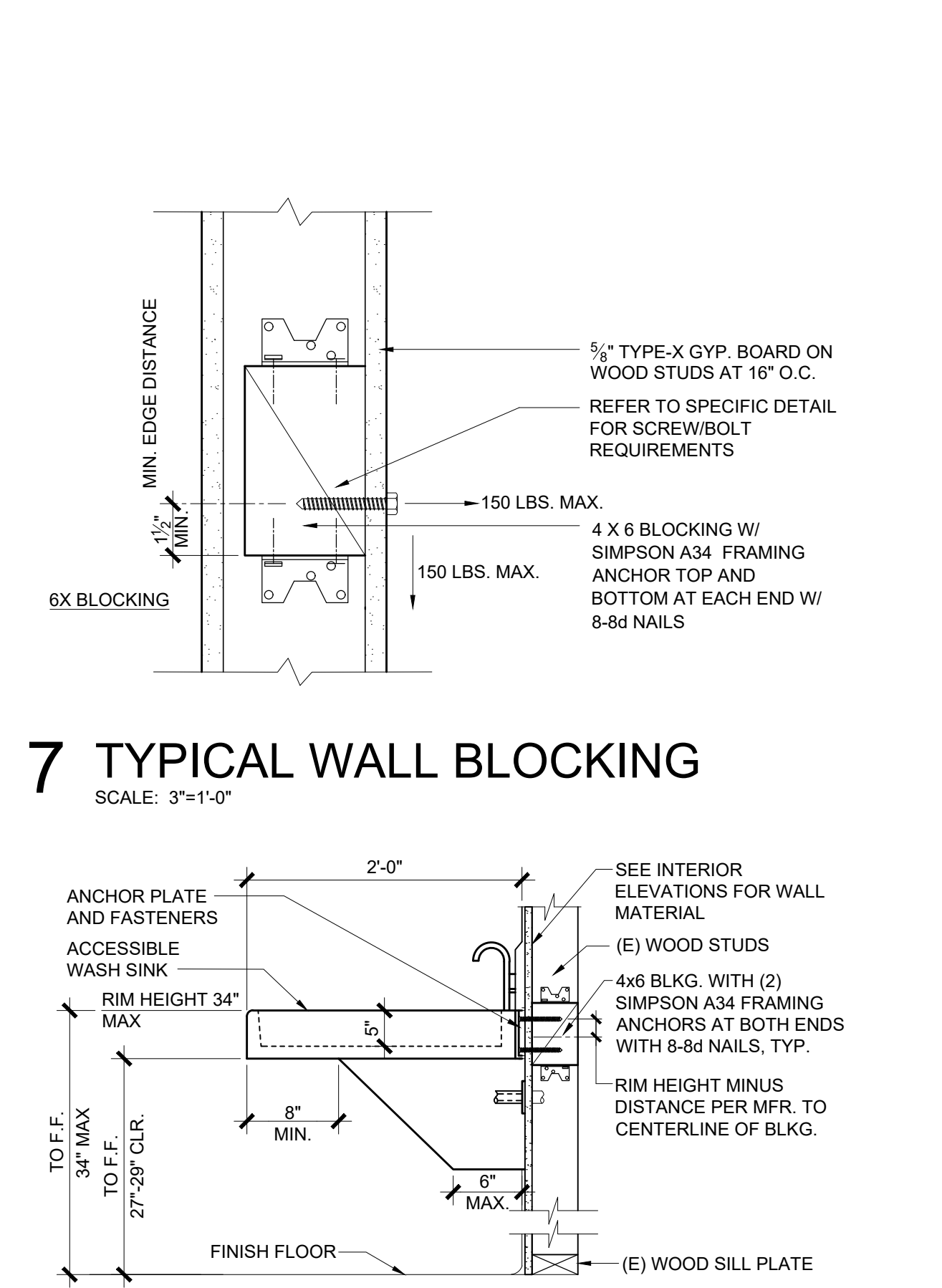
4 WALL SECTION
 SCALE: 1-1/2"=1'-0"



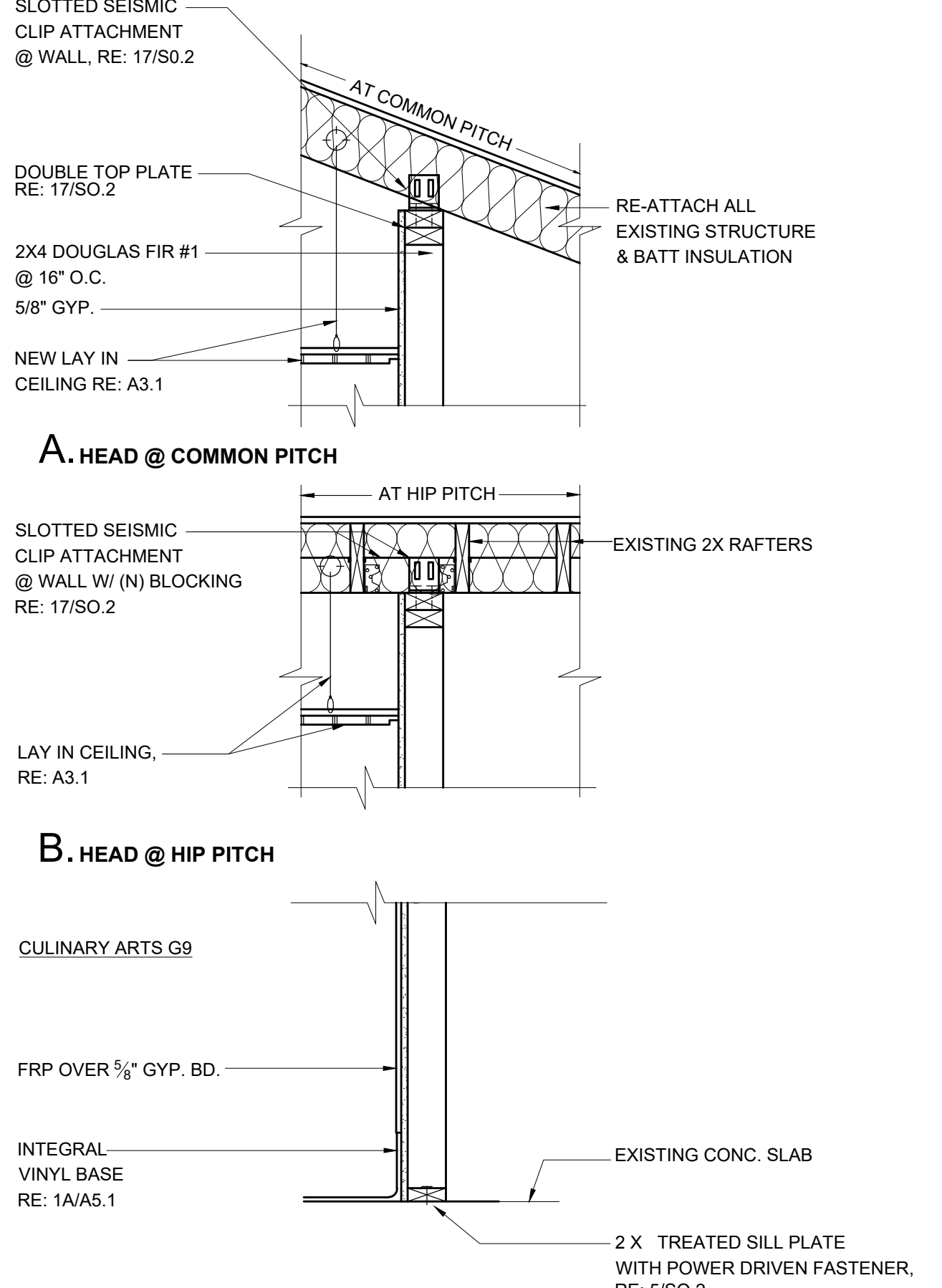
5 DETAIL - EXTERIOR WINDOW / WALL
 SCALE: 3"=1'-0"



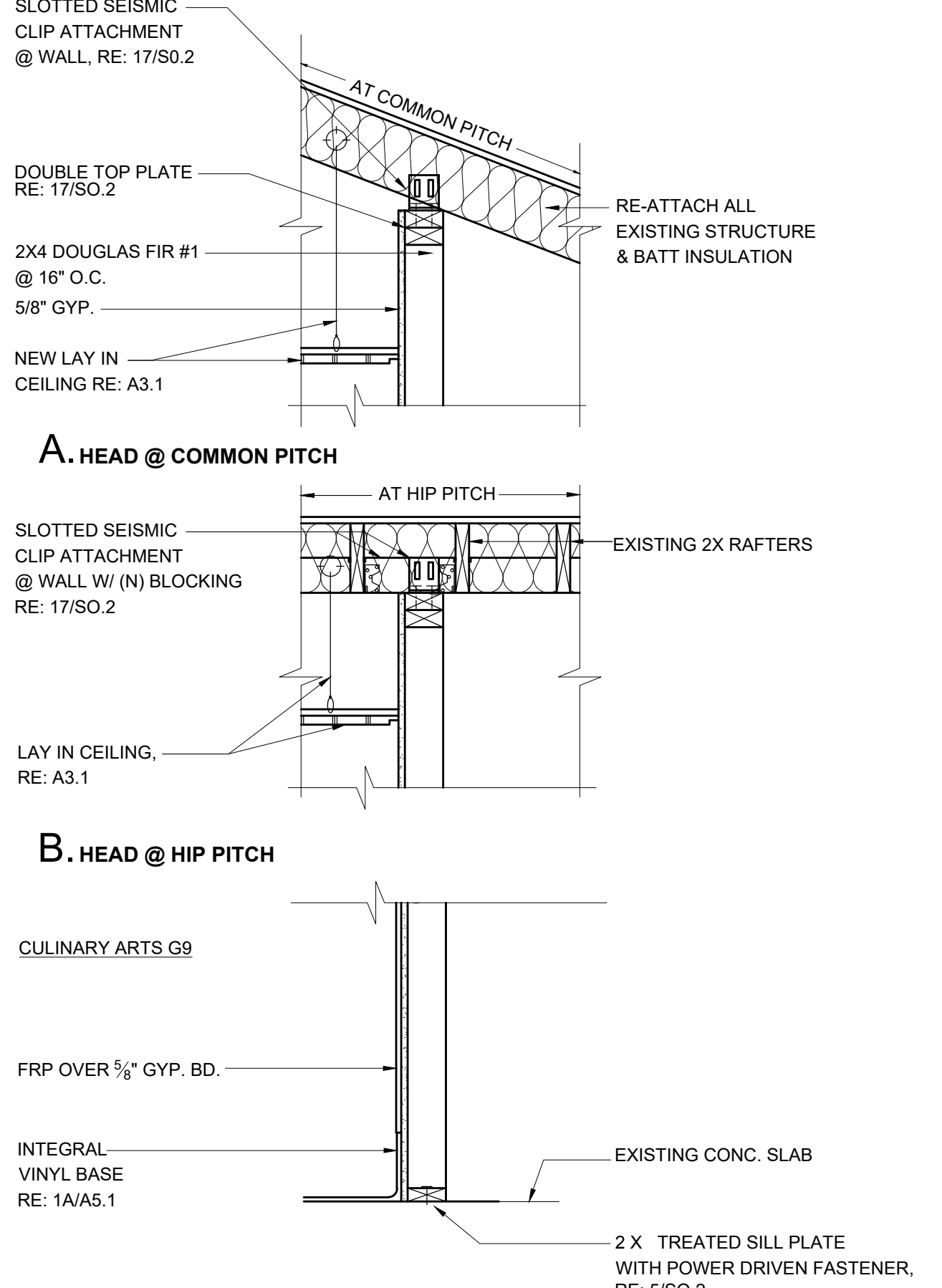
6 DETAIL - EXTERIOR WINDOW
 SCALE: 3"=1'-0"



7 TYPICAL WALL BLOCKING
 SCALE: 3"=1'-0"



8 WASH SINK SECTION
 SCALE: 1"=1'-0"



9 WALL SECTION
 SCALE: 1-1/2"=1'-0"

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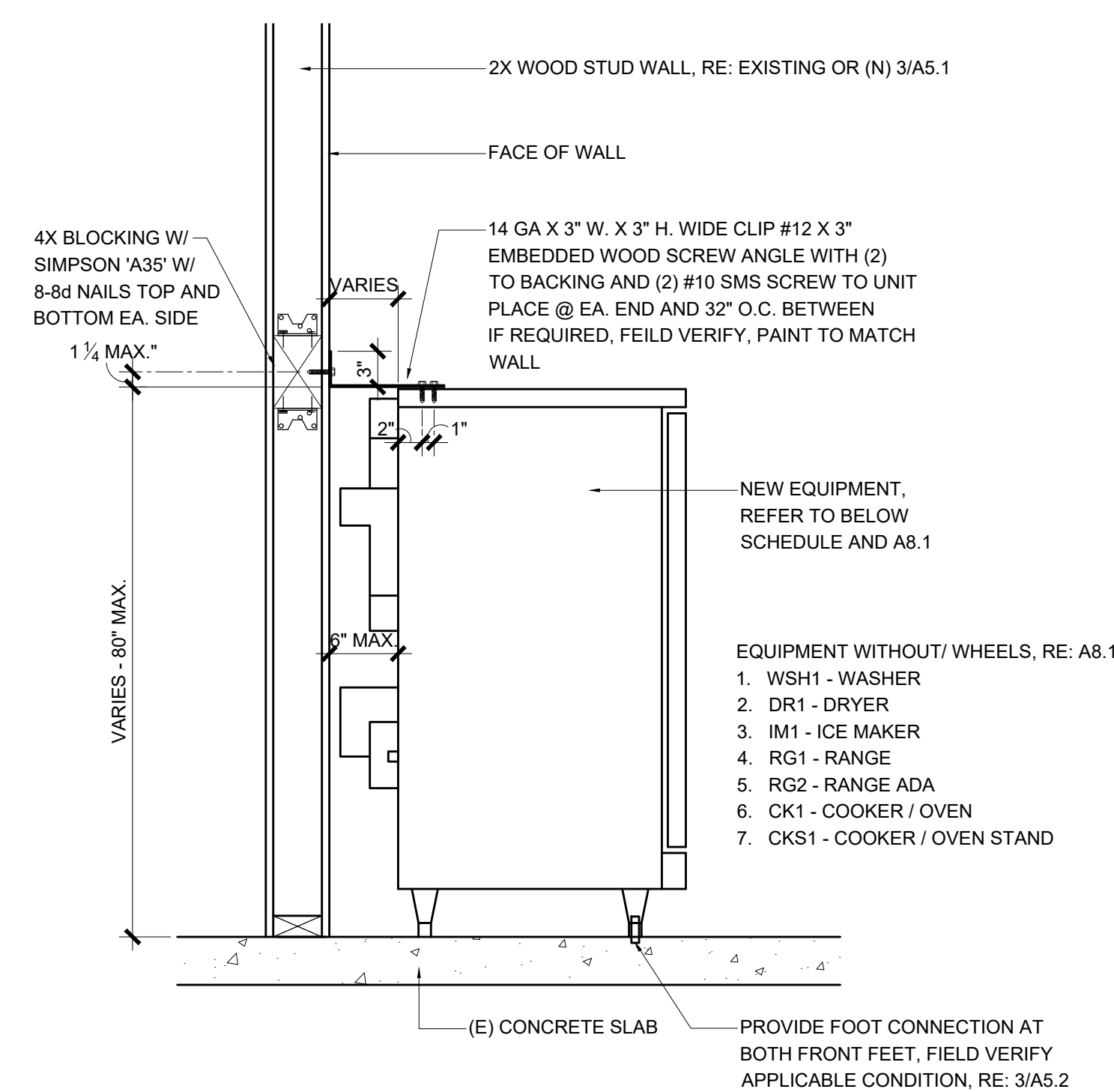
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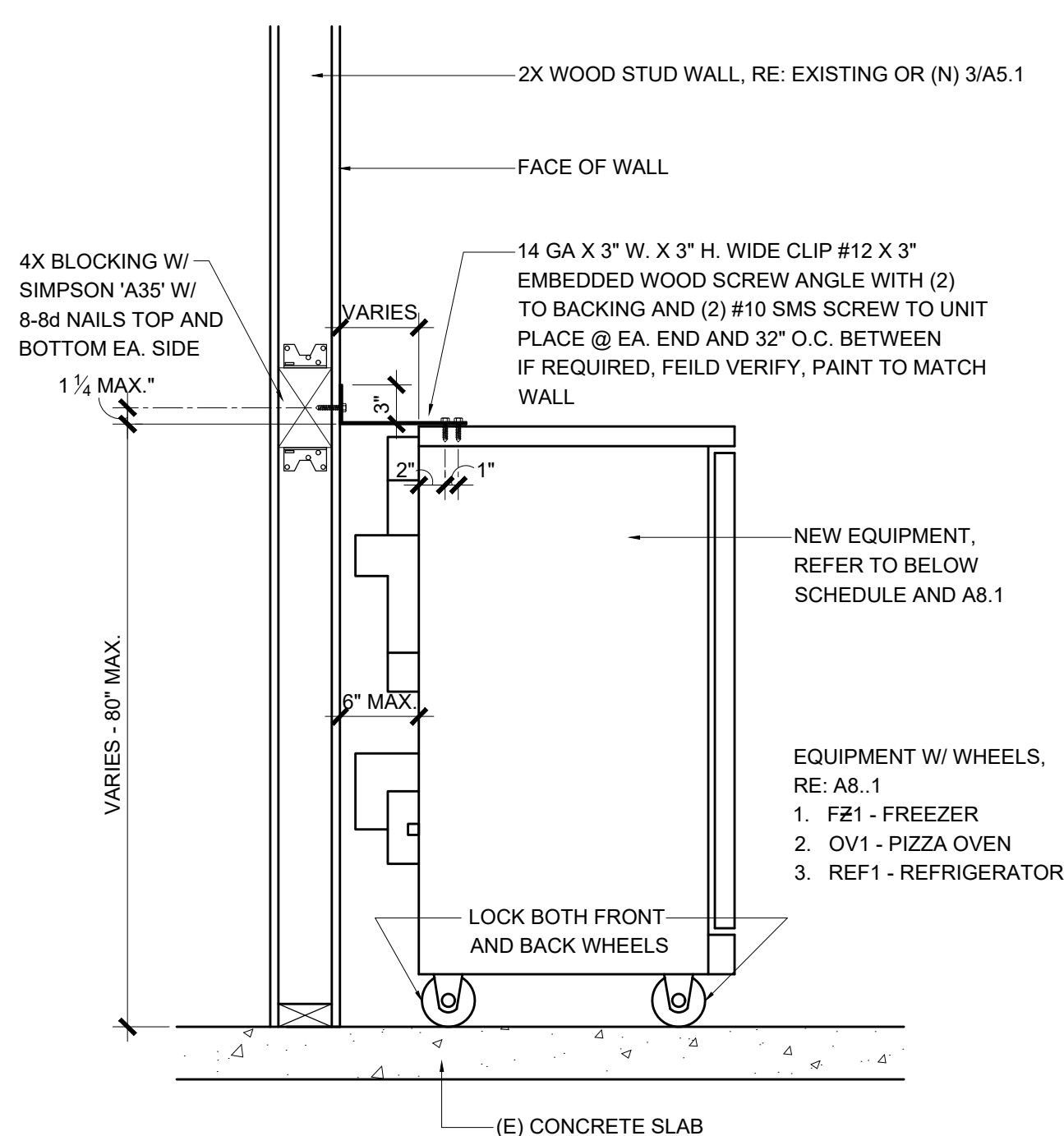
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DRAWING NO.:

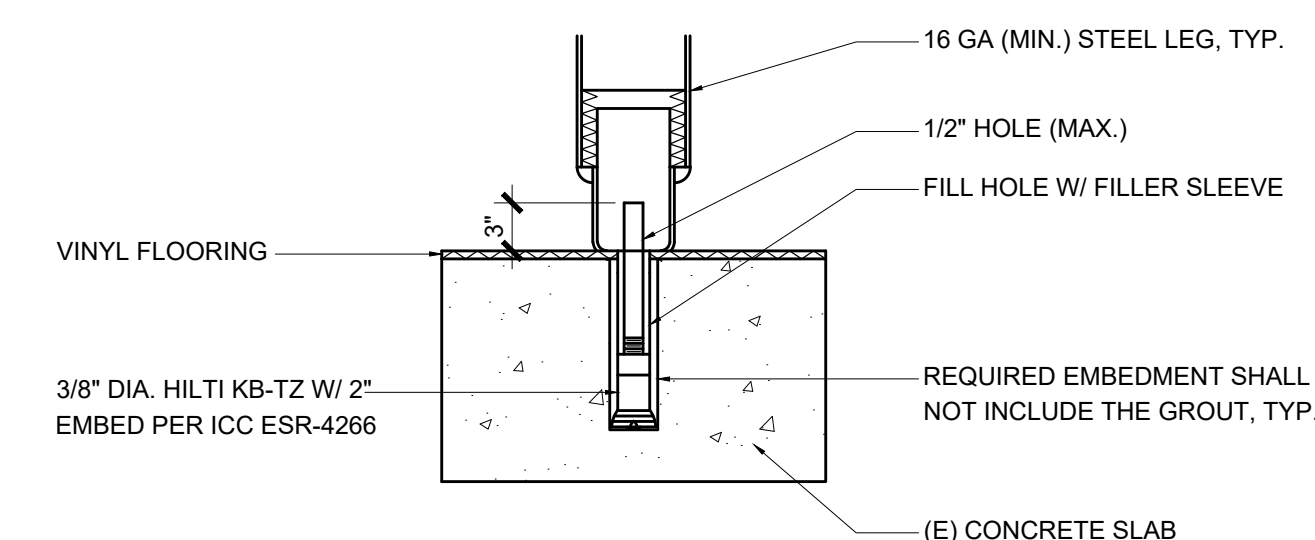
A5.2



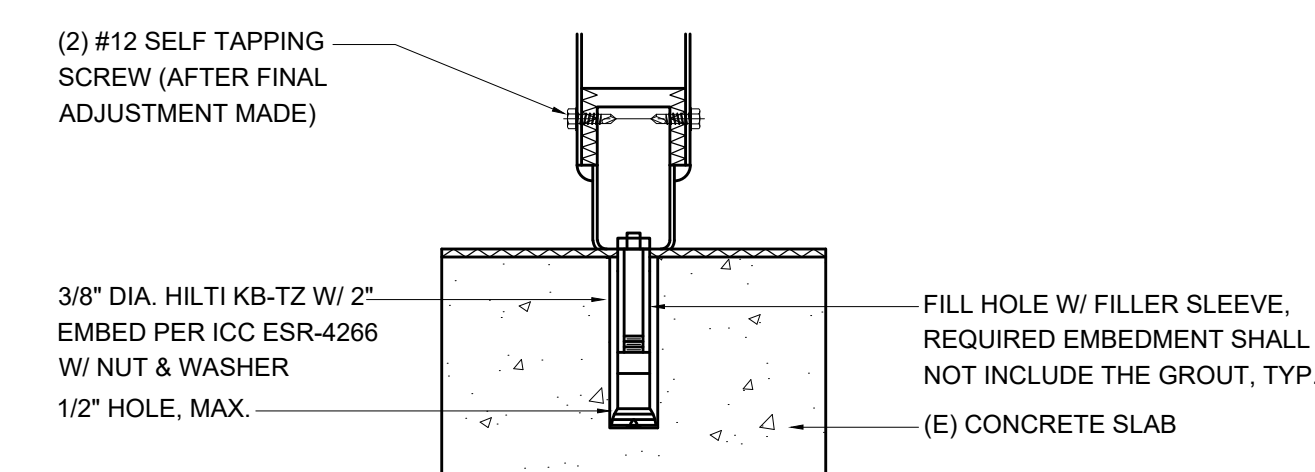
1 EQUIPMENT ANCHORAGE
 SCALE: N.T.S. NO WHEELS



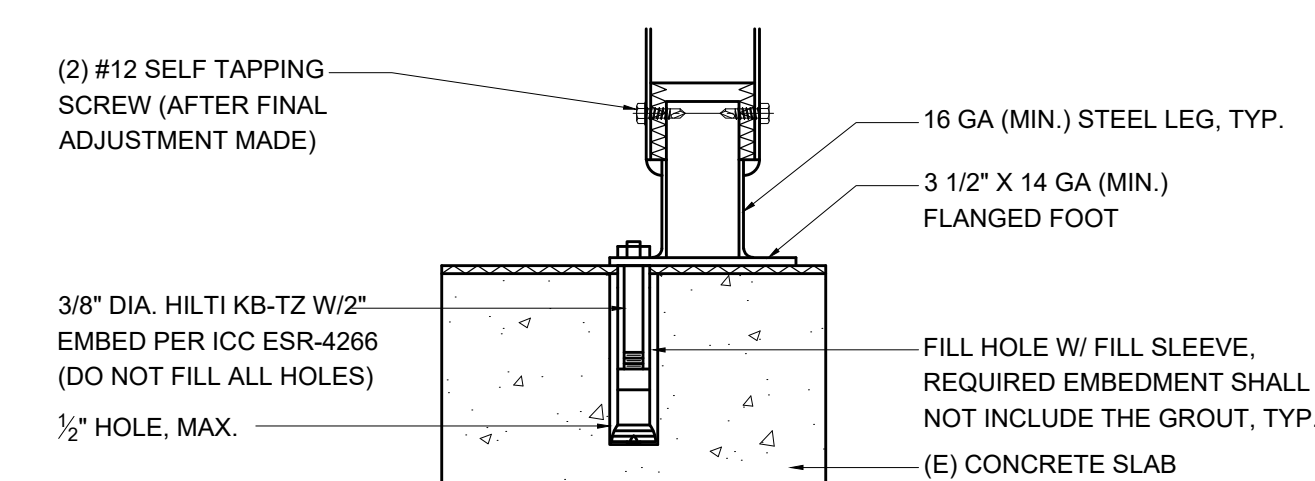
2 EQUIPMENT ANCHORAGE
 SCALE: N.T.S. WITH WHEELS



A. (BULLET LEG) SHEAR

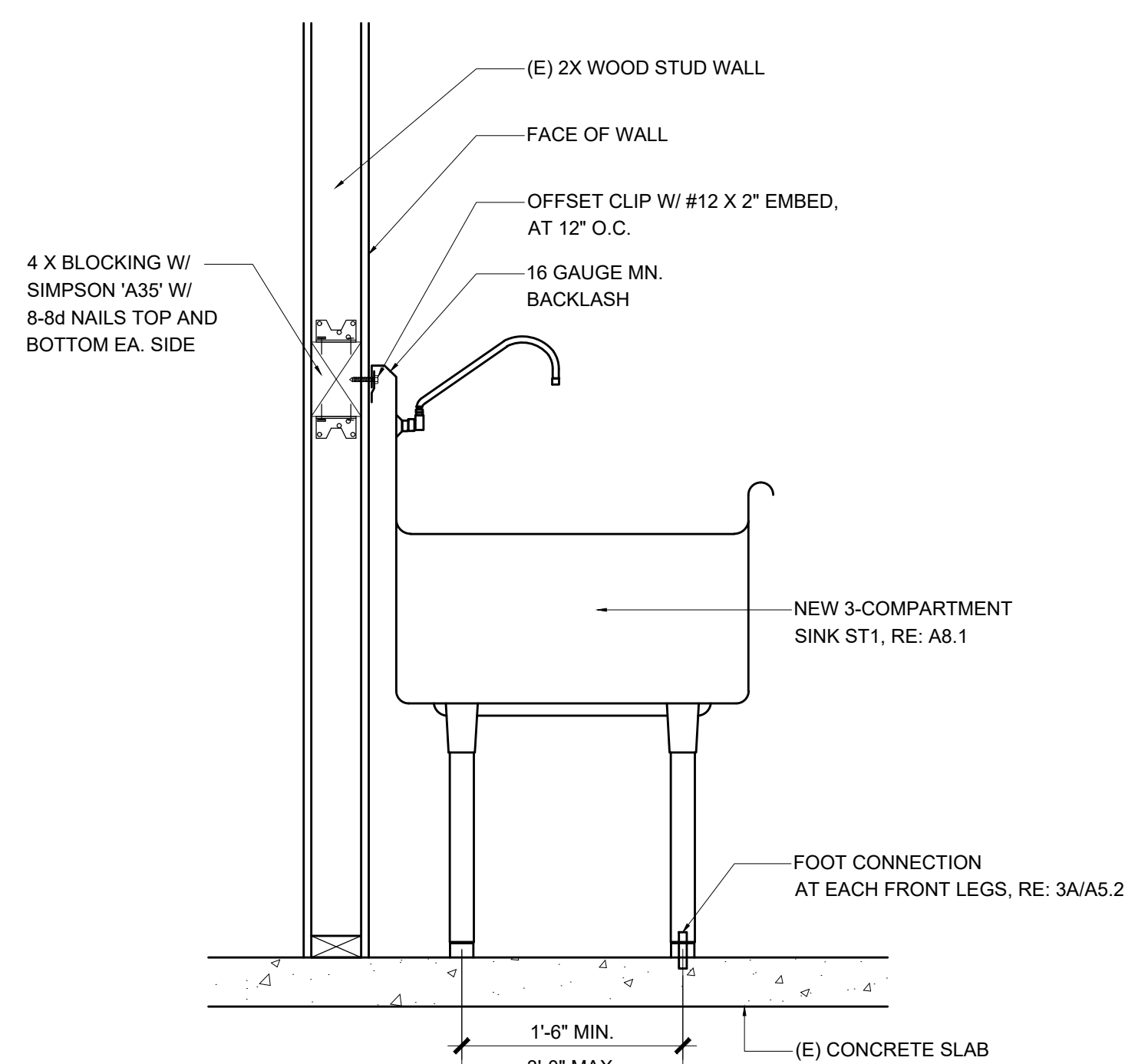


B. (BULLET LEG) SHEAR AND UPLIFT

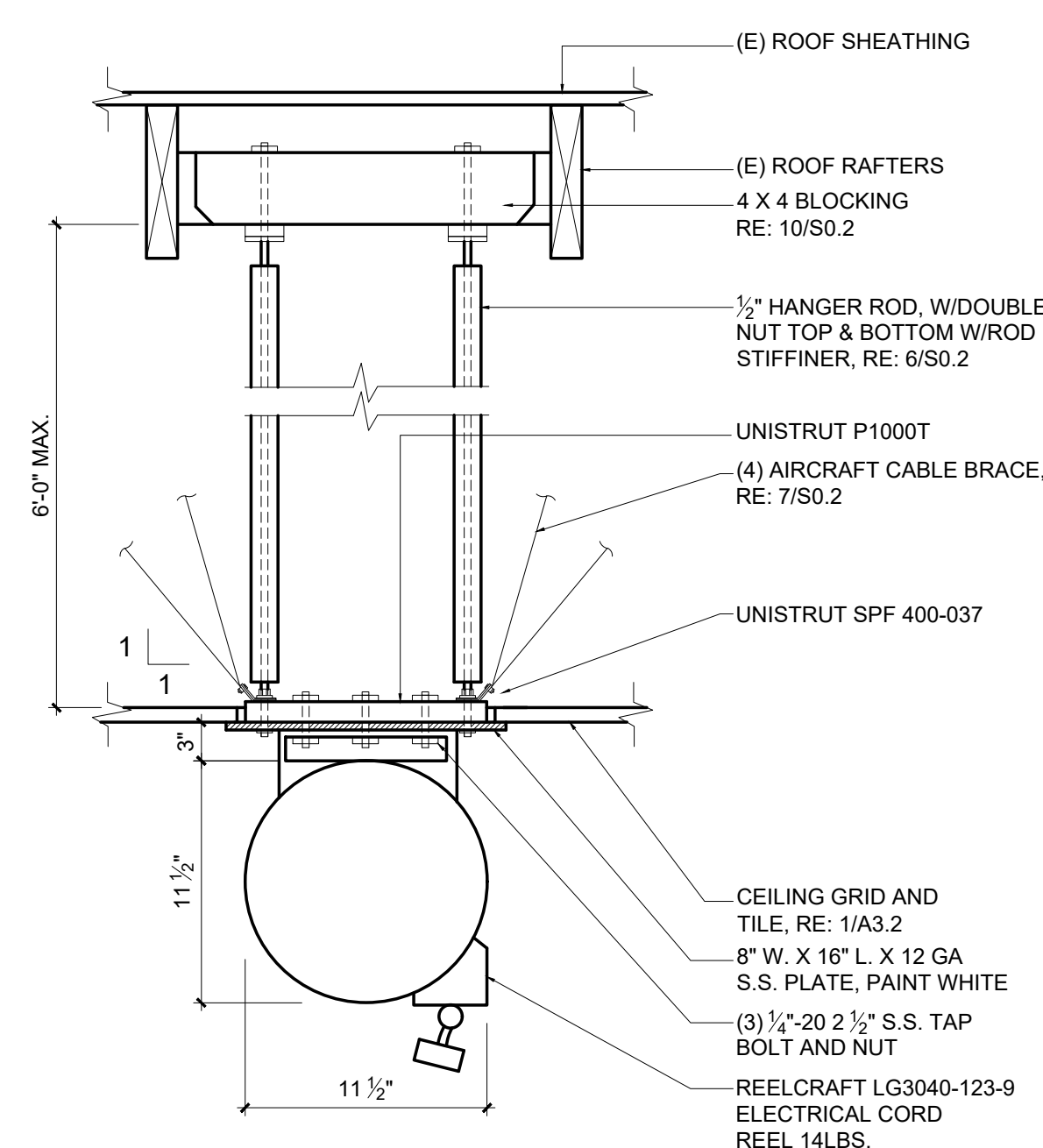


C. (FLANGED FLOOR) SHEAR AND UPLIFT

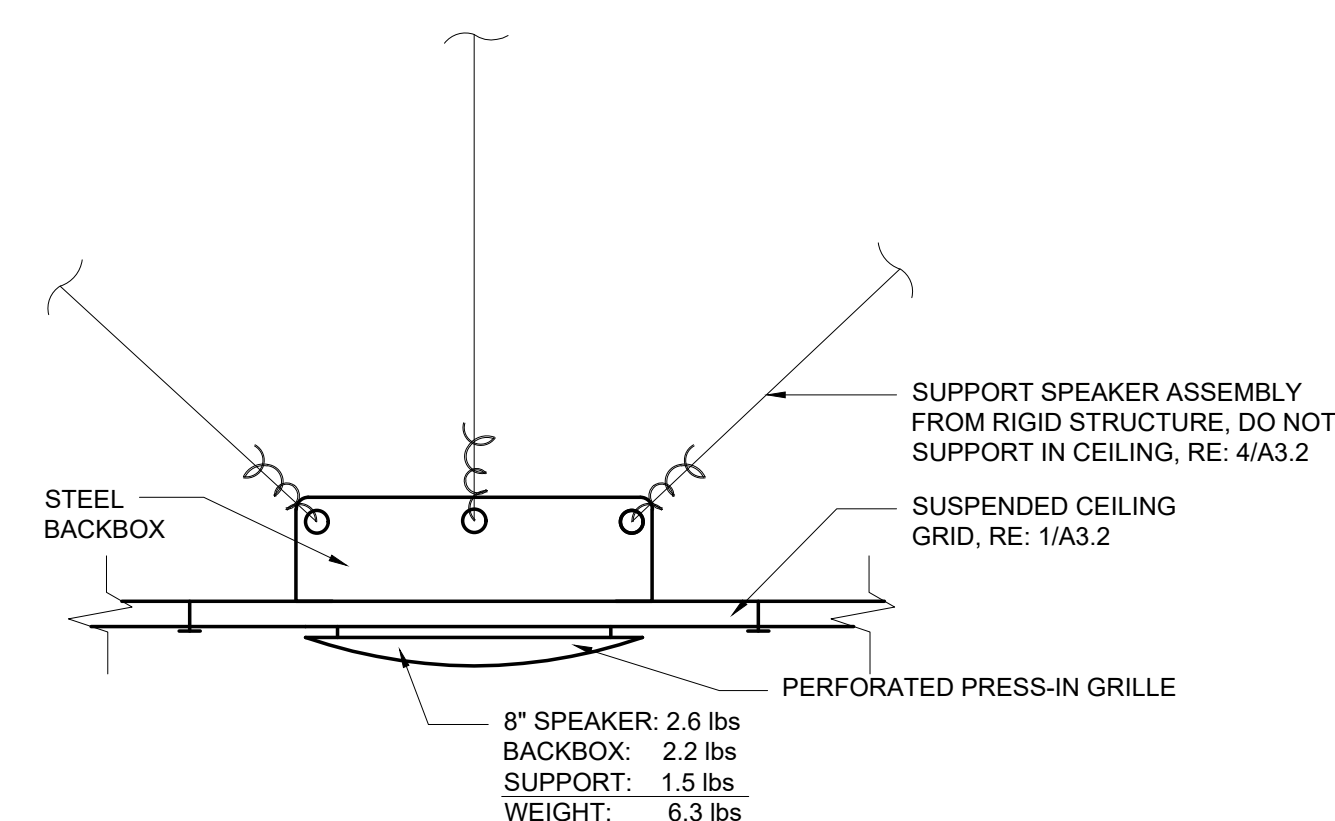
3 FOOT DETAILS
 SCALE: 1\"/>



4 SINK ANCHORAGE
 SCALE: N.T.S.



5 CEILING - MTD. ELECTRICAL CORD REEL
 SCALE: 1-1/2\"/>



6 CEILING - MTD. SPEAKER
 SCALE: N.T.S.

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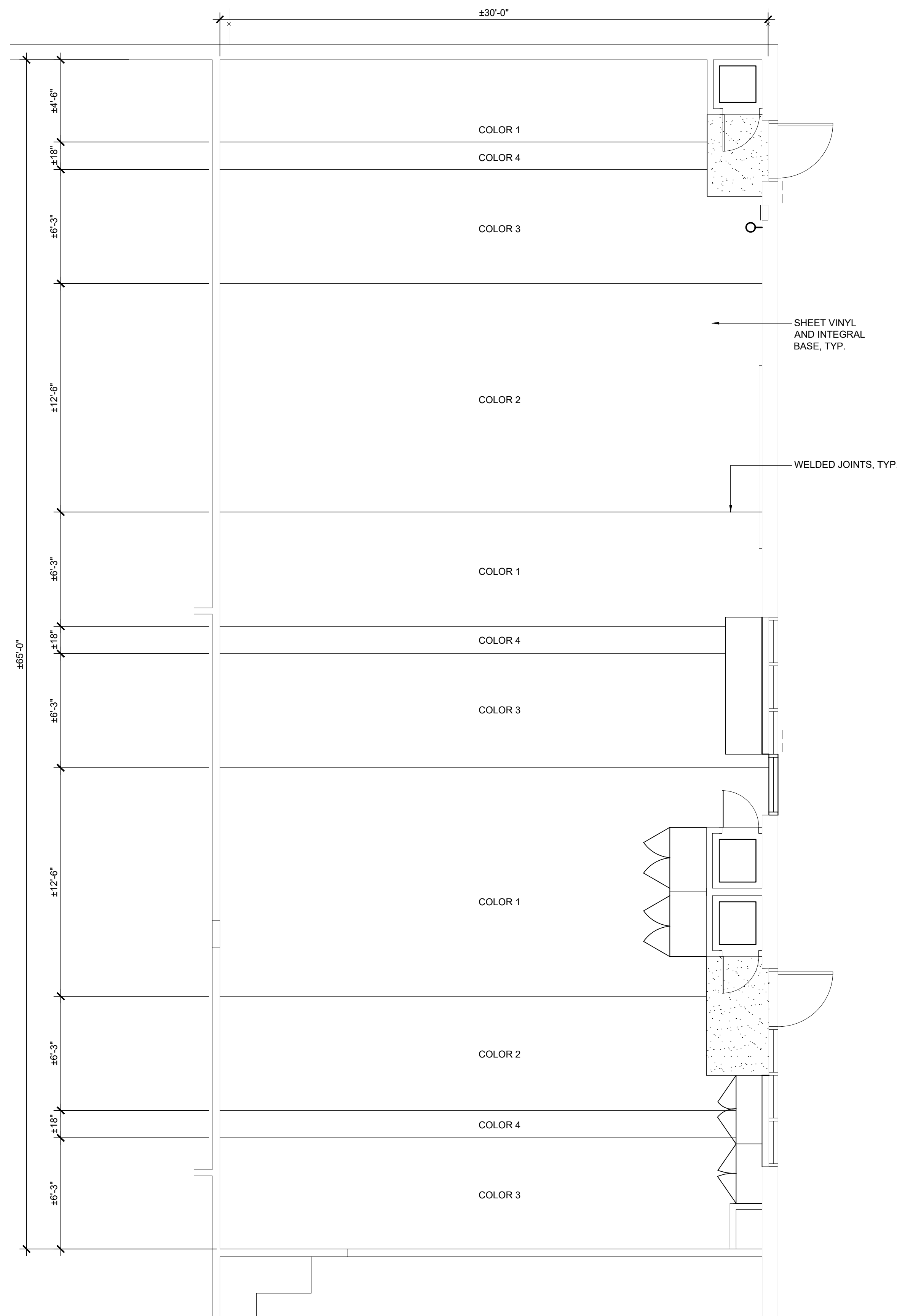
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REVISION: ¹ DATE: _____
 REVISION: ² DATE: _____

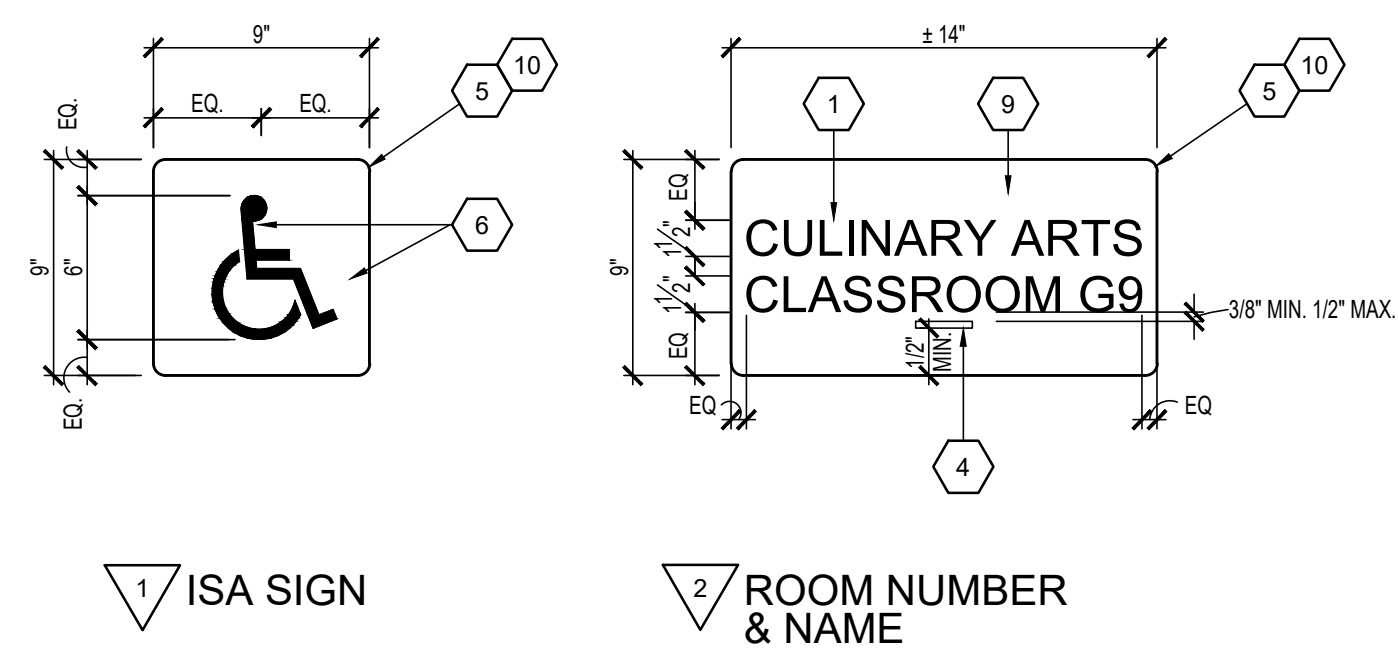
DRAWING TITLE:
 FLOOR PATTERN

DRAWING NO.:

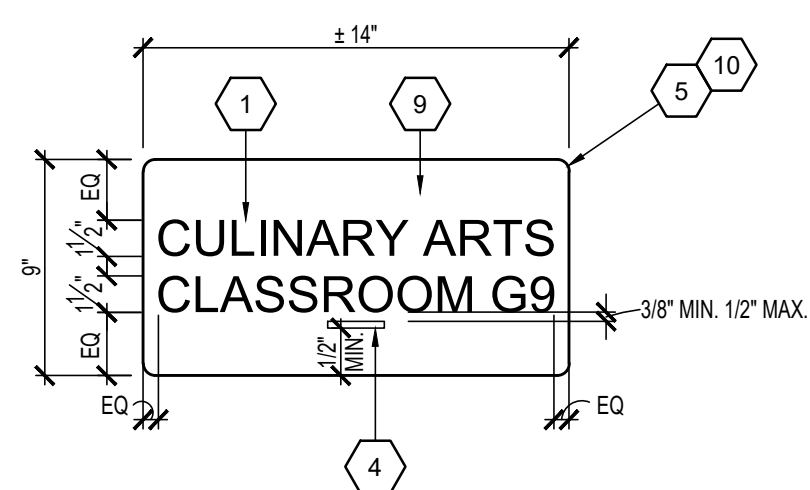
A6.1



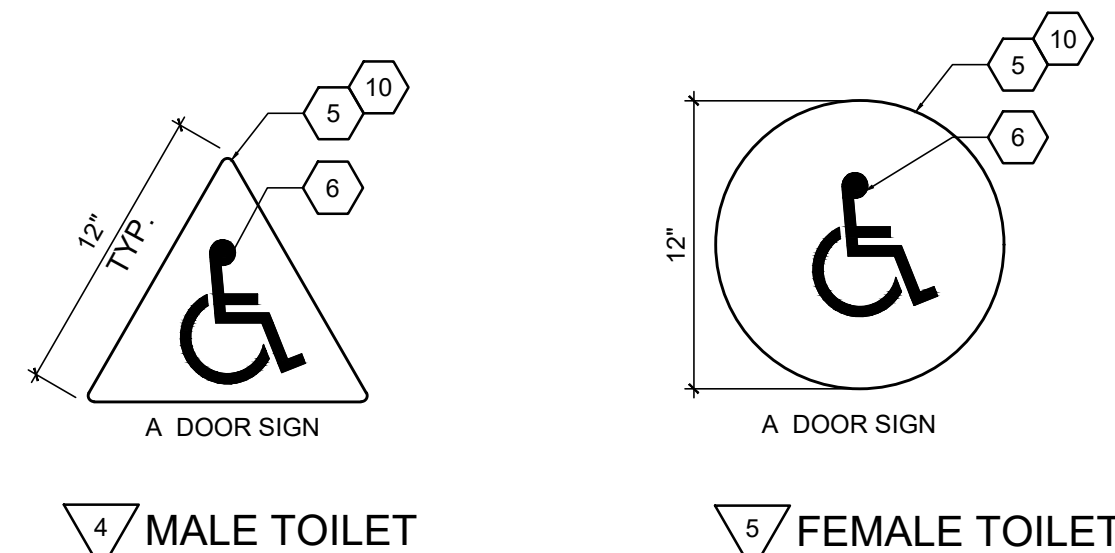
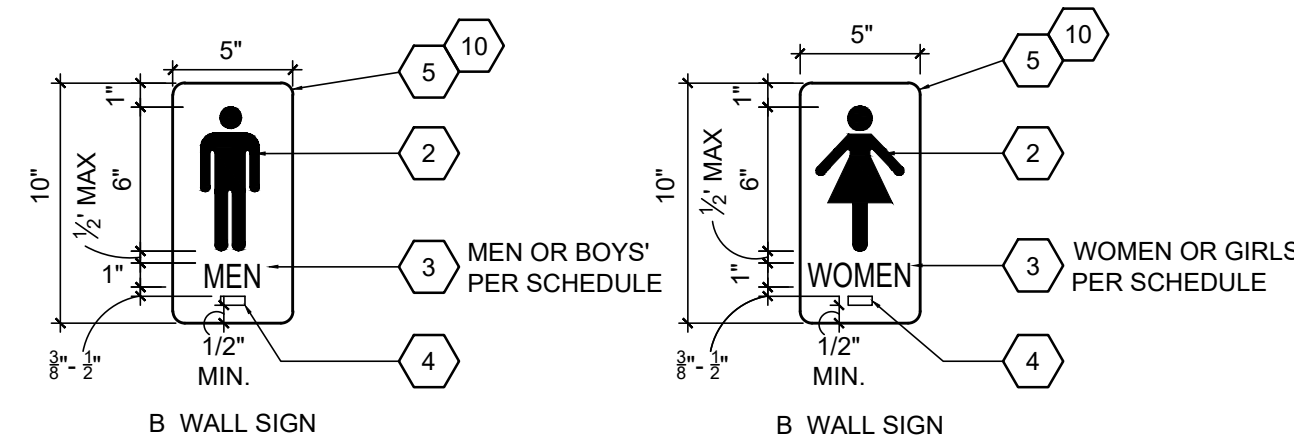
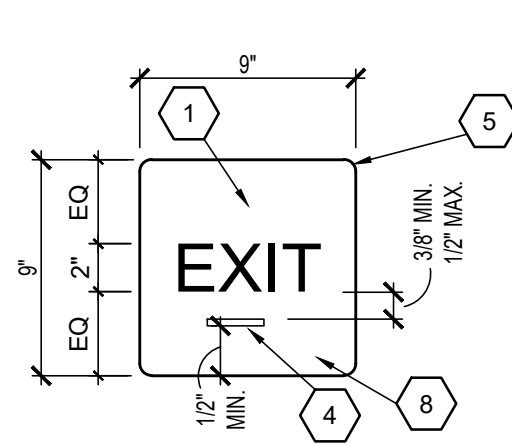
1 FLOOR PATTERN
 SCALE: 1/4" = 1'-0"
 NORTH



2 ROOM NUMBER & NAME

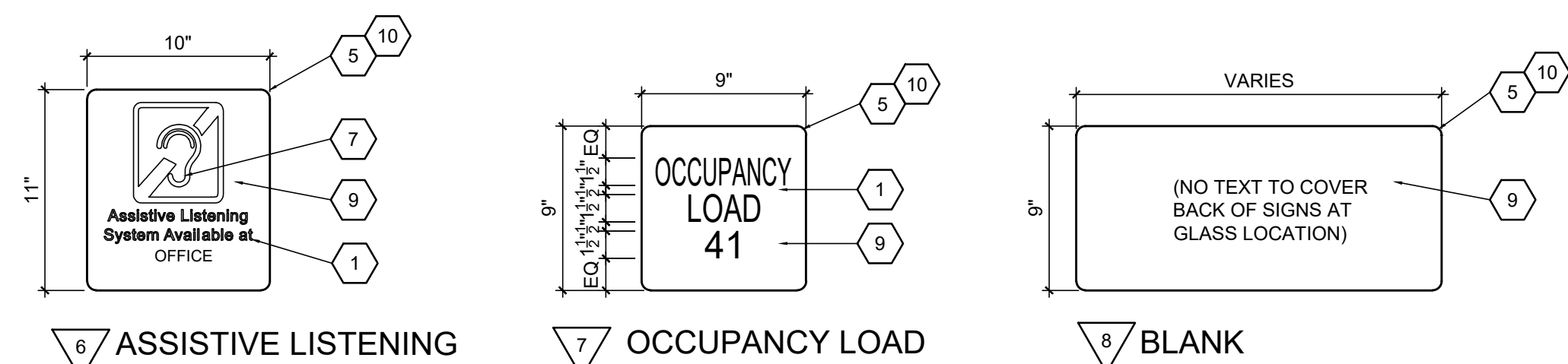


3 EXIT SIGN



4 MALE TOILET

5 FEMALE TOILET

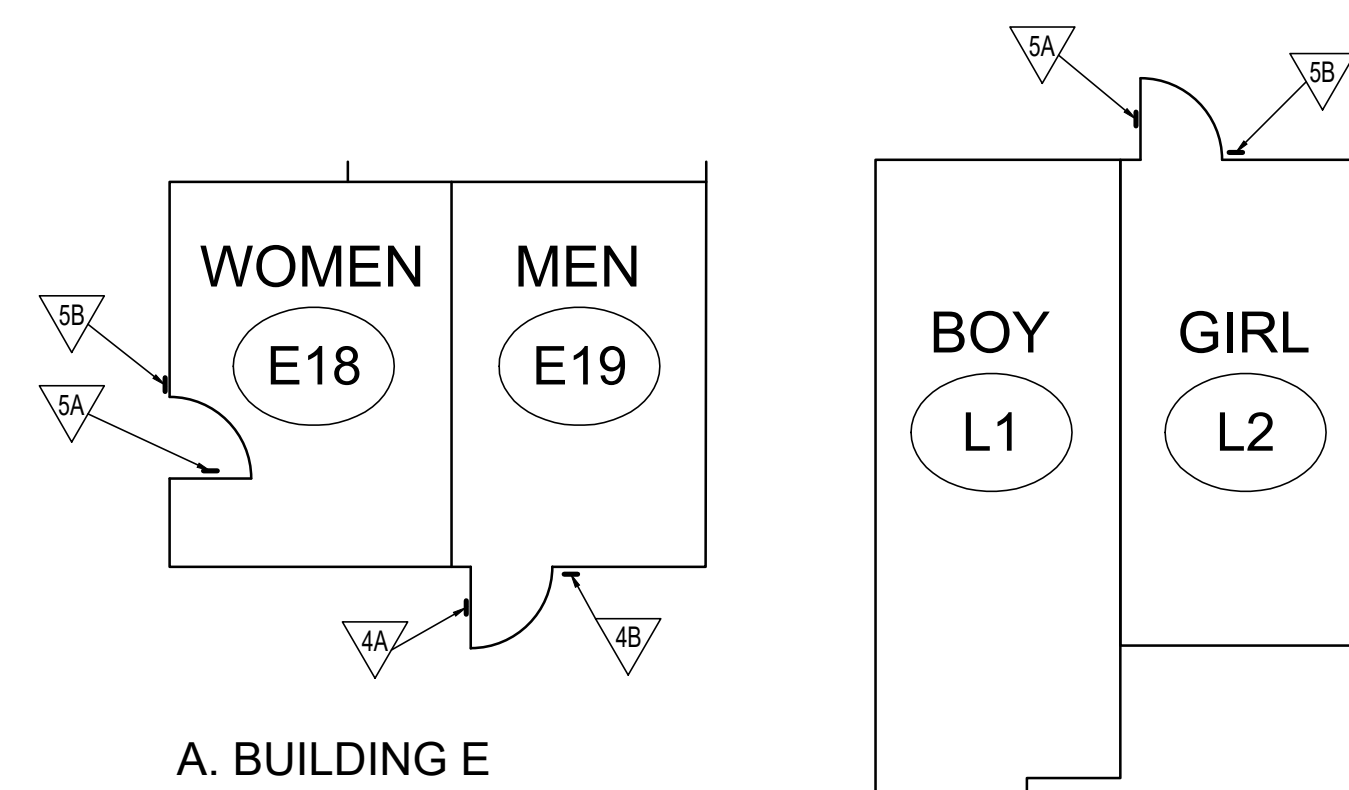


7 OCCUPANCY LOAD

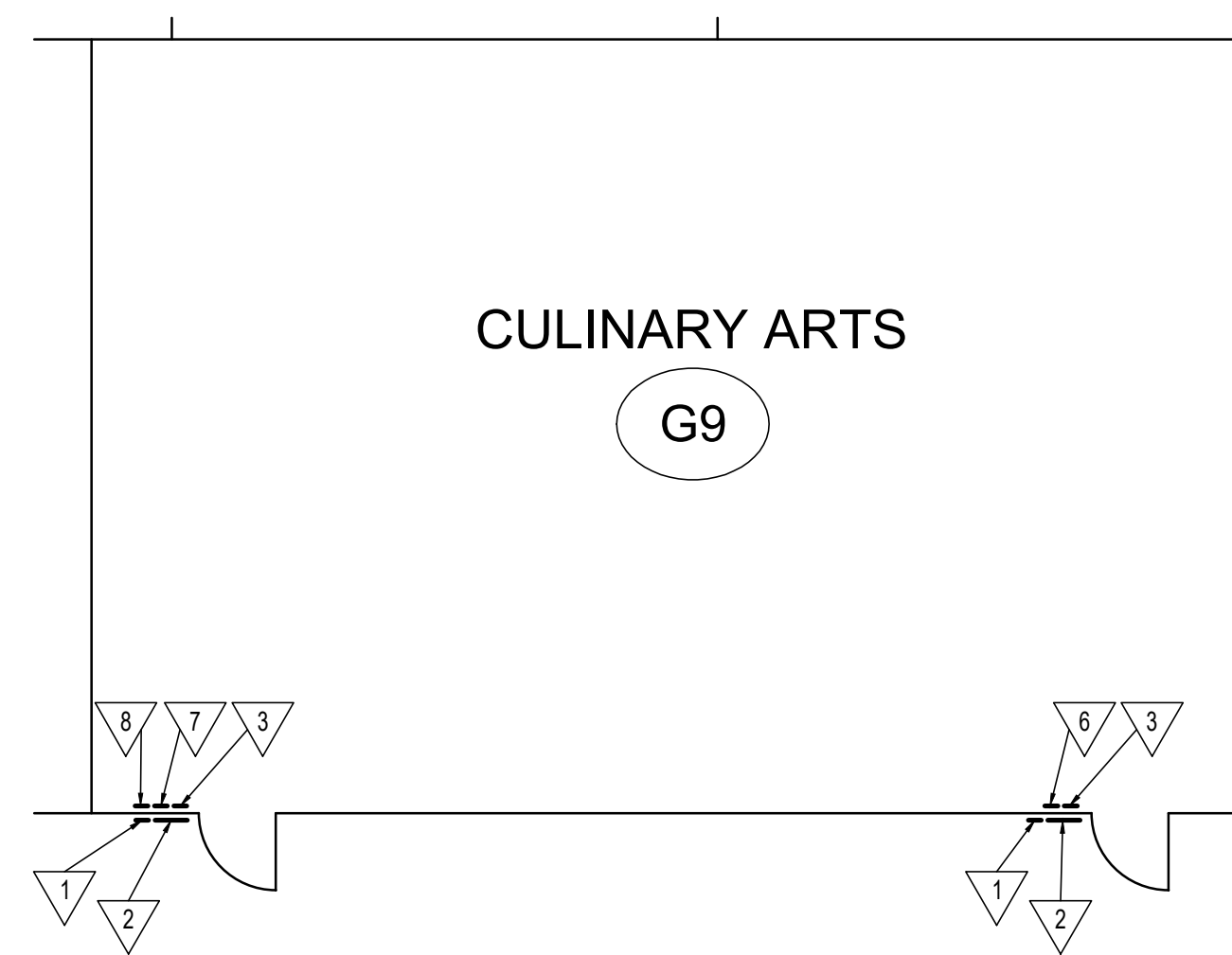
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1 SIGNAGE TYPES

SCALE: N.T.S.



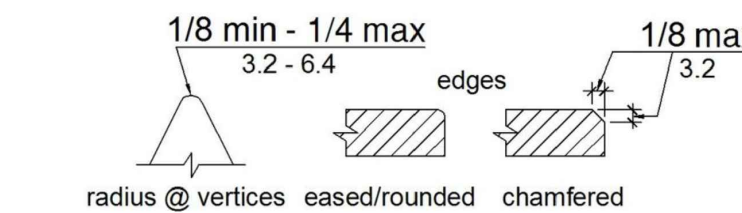
B. BUILDING L



2 SIGNAGE PLAN

SCALE: N.T.S.

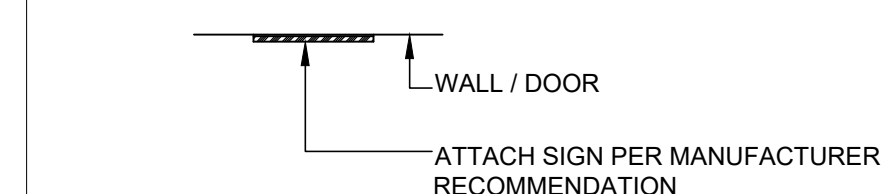
EDGES SHALL BE EASED OR ROUNDED AT 1/8" MIN., OR CHAMFERED AT 1/8" MAX. VERTICES SHALL BE RADIUSSED BETWEEN 1/8" MIN AND 1/4" MAX.



3 SIGN DETAIL

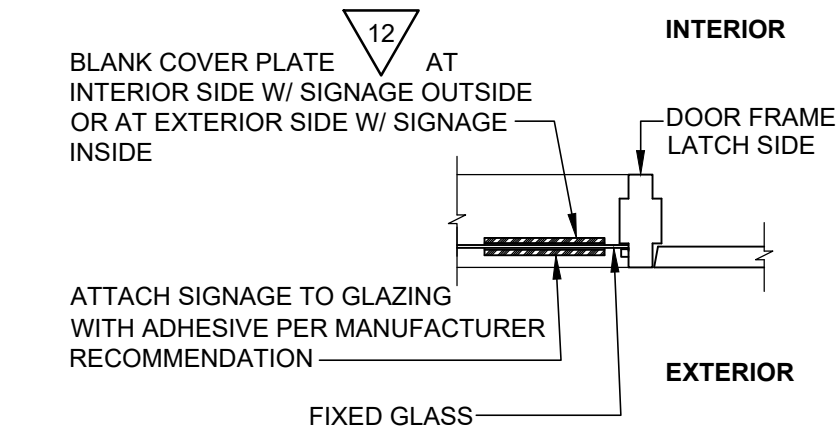
SCALE: N.T.S.

MOUNTING DETAILS



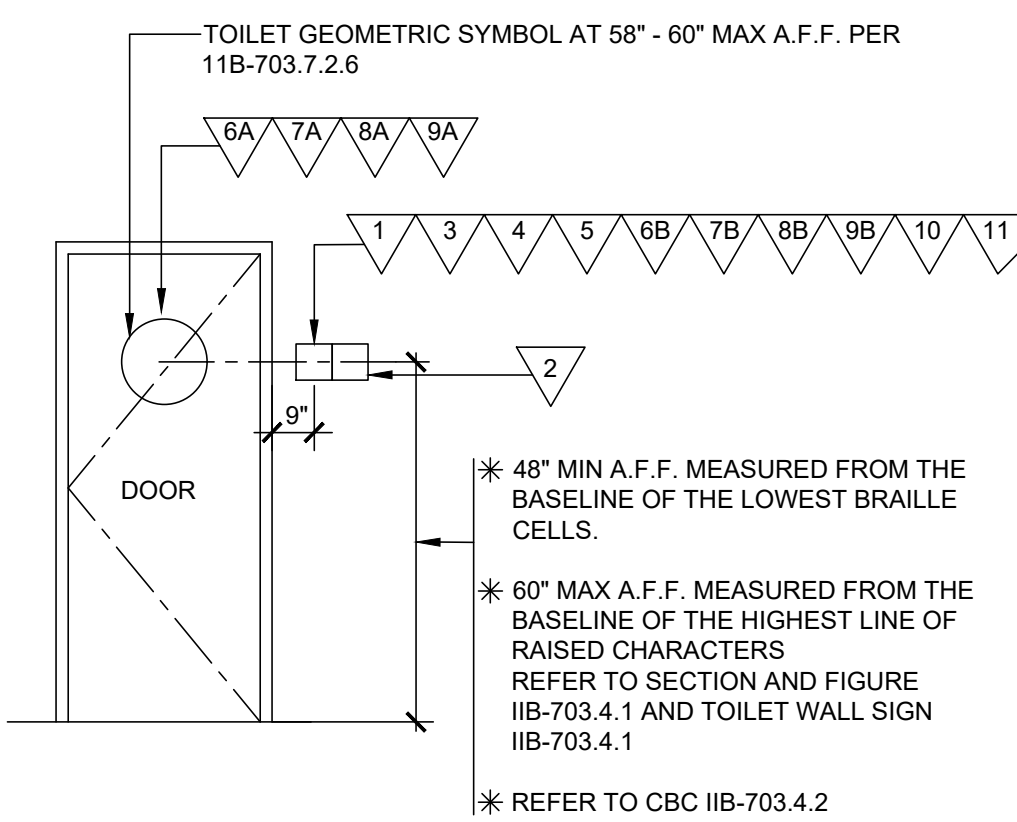
4 WALL OR DOOR MOUNTED SIGNS

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



5 GLASS MOUNTED SIGNS

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



6 DOOR SIGNAGE LOCATIONS

SCALE: NO SCALE

GENERAL NOTES

- A. REFER TO FLOOR PLANS ON DRAWING A2 SERIES FOR DOOR LOCATIONS, ROOM NAME AND NUMBERS

KEYNOTES

1. RAISED ROOM TEXT OR NUMBER, 5/8 INCH TO 4 INCH HIGH & RAISED 1/32 INCH MINIMUM
2. RAISED PICTORIAL SYMBOL, 6" HIGH MIN & RAISED 1/32 INCH MINIMUM
3. RAISED TEXT, RAISED 1/32 INCH MINIMUM, TEXT TO MATCH FLOOR PLAN
4. CALIFORNIA BRAILLE, CONTRACTED GRADE 2. REFER TO TABLE IIB-703.3.1
5. RADIUS CORNER TYPICAL, 1/8" MIN. AND 1/4" MAX
6. 6" HIGH INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) SYMBOL TO BE WHITE, BACKGROUND TO BE COLOR #15090 IN FEDERAL STANDARD 595C. COMPLY WITH CBC 11B-216.8
7. INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS SYMBOL, COMPLY WITH CBC 11B-703.7.2.4
8. BACKGROUND TO BE COLOR RED
9. BACKGROUND AND LETTER TO BE SELECTED BY ARCHITECT
10. EDGES SHALL BE EASED OR ROUNDED AT 1/16" MIN. OR CHAMFERED AT 1/8" MIN.

GENERAL SIGNAGE REQUIREMENTS

CODE REQUIREMENTS:

- A. FLOOR LEVEL EXIT SIGNS: PER CBC 1011.6 AND 1011.7
- B. GENERAL REQUIREMENTS: PER CBC 11B-216.1 AND 11B-703.1
- C. SYMBOLS OF ACCESSIBILITY: PER CBC 11B-703.7.2
- D. TACTILE EXIT SIGNS: PER CBC 1011.4
- E. ASSISTIVE LISTENING SYSTEM SIGNAGE: PER CBC 11B-219.2

SIGN CONSTRUCTION AND SIZE:

- A. SIGN CONSTRUCTION: PLASTIC WITH MILLED TEXT, SYMBOLS AND BRAILLE. CHEMICALLY WELDED R ADHESIVE APPLIED TEXT, SYMBOLS AND/OR BRAILLE IS NOT ACCEPTABLE.
- B. FINISH AND CONTRAST: TEXT, SYMBOLS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. TEXT AND SYMBOLS SHALL HAVE CONTRAST WITH THEIR BACKGROUND PER 11B-703.5.1 FOR VISUAL CHARACTERS; 11B-703.6.2 FOR PICTOGRAMS; 11B-703.7.1 FOR SYMBOLS OF ACCESSIBILITY.
- C. SIZES OF SIGNS SHALL BE AS DETAILED PER DRAWING A7.1

PICTORIAL SYMBOLS FOR RESTROOMS AND VISUAL CHARACTERS

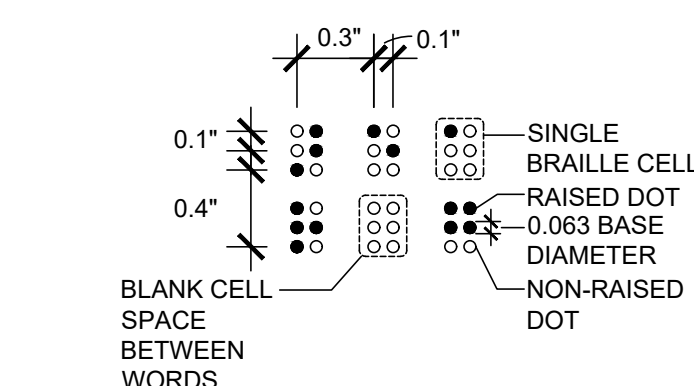
- A. TYPE: RAISED 1/32" INCH MINIMUM
- B. HEIGHT: 6 INCHES MINIMUM
- C. TEXT DESCRIPTORS: TEXT SHALL BE LOCATED DIRECTLY BELOW THE PICTOGRAM FILED AND SHALL COMPLY WITH TACTILE TEXT CHARACTERS AND BRAILLE REQUIREMENTS THIS PAGE
- D. VISUAL CHARACTERS SHALL COMPLY WITH CBC SECTION IIB-703.5 AND SHALL BE 40" MIN. ABOVE FINISH FLOOR OR GROUND
- E. PICTOGRAMS SHALL COMPLY WITH CBC SECTION IIB-703.6
- F. SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH CBC SECTION IIB-703.7
- G. VARIABLE MESSAGE SIGNS SHALL COMPLY WITH CBC SECTION IIB-703.8

TACTILE TEXT CHARACTER REQUIREMENTS:

- A. TYPE: UPPER CASE, SANS SERIF PER 11B-703.2.3, NO ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE OR UNUSUAL FORMS PER 11B-703.2.2 AND 11B-703.2.3
- B. RAISED CHARACTERS: 1/32" INCH MINIMUM PER 11B-703.2
- C. CHARACTER PROPORTIONS: WIDTH OF THE UPPERCASE "I" IS 60 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER PER 11B-703.2.6
- D. STROKE THICKNESS: UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER PER 11B-703.2.6
- E. HEIGHT: 5/8 INCH MINIMUM TO 2 INCH MAXIMUM PER 11B-703.2.5
- F. CHARACTER SPACING: PER 11B-703.2.7 AND IIB-703.2.8, 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH MINIMUM PER 11B-703.2.9
- G. FORMAT: TEXT SHALL BE IN A HORIZONTAL FORMAT: CBC SECTION IIB-703.2.9

CALIFORNIA BRAILLE REQUIREMENTS:

CONTRACTED CALIFORNIA GRADE 2 BRAILLE AND SHALL COMPLY WITH CBC SECTION IIB-703.3 AND IIB-703.4. RAISED 1/40 INCH MINIMUM AND 0.037 INCH MAXIMUM ABOVE THE BACKGROUND. ROUNDED DOTS SHALL BE 1/10-INCH ON CENTERS IN EACH CELL WITH 2/10-INCH SPACE BETWEEN CELLS, MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL WITH ROUNDED OR DOME TOPS, REFER TO 2019 CBC TABLE 11B-703.3.1 AND FIGURE 11B-703.3.1



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DATE: 12/20/2022

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ARCHITECTS STAMP:
STEVEN M. GELINGER
5-31-23
LICENSED ARCHITECT
STATE OF CALIFORNIA

CONSULTANT:

CONSULTANTS STAMP:

SCHOOL DISTRICT:
BONITA UNIFIED SCHOOL DISTRICT

PROJECT:
SAN DIMAS HIGH SCHOOL CULINARY ARTS CLASSROOM MODERNIZATION

JOB NUMBER: 12.03.00
DATE: 08/25/21
REVISION: DATE: _____
REVISION: DATE: _____

DRAWING TITLE:
SIGNAGE

DRAWING NO.:
A7.1

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 CLASSROOM
 MODERNIZATION**

JOB NUMBER: 12.03.00
 DATE: 08/25/21

REVISION: DATE: _____
 REVISION: DATE: _____

DRAWING TITLE:
**EQUIPMENT
 SCHEDULES**

DRAWING NO.:

A8.1

EQUIPMENT SCHEDULE SAN DIMAS HIGH SCHOOL CULINARY ARTS									
SYMBOL	SIZE L. X W. X HT. (INCHES)	QTY.	EQUIPMENT CATEGORY	DESCRIPTION	DETAIL	MANUFACTURER	MODEL NUMBER	EQUIPMENT WEIGHT	REMARKS
WT1	24" X 24" X 35 1/2"	1	TABLE (FIXED)	HEAVY DUTY WORK TABLE	1/A5.1	ADVANCE TABCO	KMSLAG-242-X / (4) TA-72	47 lbs	W/5" SPLASH / UNDERSHELF
WT2	48" X 24" X 35 1/2"	1	TABLE (FIXED)	HEAVY DUTY WORK TABLE	1/A5.1	ADVANCE TABCO	KMSLAG-244-X / (4) TA-72	81 lbs	W/5" SPLASH / UNDERSHELF / DRAWER LEFT #SS-1520
WT3	24" X 24" X 34"	1	TABLE (FIXED) - ADA	CUSTOM STD. SERIES WORK TABLE	1/A5.1	ADVANCE TABCO	TKMS-242 / (4) TA-72	50 lbs	W/5" SPLASH AT BACK AND SIDE
WT4	48" X 24" X 34"	1	TABLE (FIXED) - ADA	STANDARD SERIES WORK TABLE	1/A5.1	ADVANCE TABCO	TKMS-244 / (4) TA-72	67 lbs	W/5" SPLASH / DRAWER RIGHT (SS-1520)
WT5	48" X 24" X 35 1/2"	5	TABLE (FREE-STANDING)	HEAVY DUTY WORK TABLE	FS	ADVANCE TABCO	MSLAG-244-X	70 lbs	W/UNDERSHELF / DRAWER RIGHT (SS-1520)
WT6	48" X 24" X 35 1/2"	5	TABLE (FREE-STANDING)	HEAVY DUTY WORK TABLE	FS	ADVANCE TABCO	MSLAG-244-X	70 lbs	W/UNDERSHELF / DRAWER LEFT (SS-1520)
WT7	48" X 18" X 35 1/2"	5	TABLE (FREE-STANDING)	WORK TABLE	FS	ADVANCE TABCO	TT-184-X	44 lbs	W/UNDERSHELF / DRAWER LEFT (SS-1520)
WT8	48" X 18" X 35 1/2"	5	TABLE (FREE-STANDING)	WORK TABLE	FS	ADVANCE TABCO	TT-184-X	44 lbs	W/UNDERSHELF / DRAWER RIGHT (SS-1520)
WT9	48" X 24" X 34"	1	TABLE (FREE-STANDING) - ADA	STANDARD SERIES WORK TABLE	FS	ADVANCE TABCO	TMS-244	67 lbs	W/DRAWER LEFT (SS-1520)
WT10	48" X 24" X 34"	1	TABLE (FREE-STANDING) - ADA	STANDARD SERIES WORK TABLE	FS	ADVANCE TABCO	TMS-244	70 lbs	W/DRAWER RIGHT (SS-1520)
WT11	96" X 36" X 34"	1	TABLE (FREE-STANDING) - ADA	WOOD TOP TABLE - ADA	FS	ADVANCE TABCO	TH2S-368	200 lbs	BAKERS TABLE
WT12	90" X 24" X 35 1/2"	4	TABLE W/SINK (FIXED)	CUSTOM TABLE W/SINK (RIGHT)	1/A5.1	ADVANCE TABCO	KMSLAG-248-X MODIFIED / (4) TA-72	139 lbs	W/5" SPLASH / SINK (TA-11B)
WT13	78" X 24" X 35 1/2"	1	TABLE W/SINK (FIXED)	CUSTOM TABLE W/SINK (RIGHT)	1/A5.1	ADVANCE TABCO	KMSLAG-247-X MODIFIED / (4) TA-72	118 lbs	W/5" SPLASH BACK AND SIDE / SINK (TA-11B)
WT14	78" X 24" X 34"	1	TABLE W/SINK (FIXED) - ADA	CUSTOM TABLE W/SINK (RIGHT)	1/A5.1	ADVANCE TABCO	KMSLAG-247-X MODIFIED / (4) TA-72	118 lbs	W/5" SPLASH / SINK (TA-11Q) UNDERSHELF TO LEFT WITH 30" MIN. CLR. WIDTH TO RIGHT
ST1	91 X 27" X 38"	1	TABLE W/3 COMPARTMENT SINKS (FIXED)	REGAL SINKS STANDARD 93 SERIES	4/A5.2	ADVANCE TABCO	93-3-54-18 RL / (4) TA-72	189 lbs	3 SINKS / 16 GA. / 304 S.S. 16 X 20 BOWL (2) 18" DRAIN BOARD
WS1-S	14" 18" 72" W. X 4" H.	SEE DWG. A4.1, A4.2	WALL SHELVING	14" W. WIRE ADJUSTABLE SHELVING 18" W. WIRE ADJUSTABLE SHELVING SHELVING LEDGE	3/A5.1 3/A5.1 ULINE	ADVANCE TABCO ADVANCE TABCO	EC-1472 EC-1872 H-1769	7.5 lbs / ft 8.1 lbs / ft .5 lbs / ft	WIRE SHELVING / CHROME / RE: INTERIOR ELEVATIONS WIRE SHELVING / CHROME / RE: INTERIOR ELEVATIONS CONTINUOUS FRONT LEDGE FOR ALL SHELVING
WS1-P	24" H.	SEE DWG. A4.1, A4.2	WALL SHELVING	2-TIER SHELVING POSTS MOUNTING HARDWARE	3/A5.1	ADVANCE TABCO ADVANCE TABCO	AB2-14 / 18 & ABM2-14/18 EC-50	18 lbs	INCLUDES 2 END MOUNT & ONE MID MOUNT / CHROME (SEE BRACKETS BELOW) PROVIDE COMPLETE INSTALLATION RE: MFGR. FOR ATTACHMENT AND SPACING SPECS., ETC.
WS1-B	14" 18"	SEE DWG. A4.1, A4.2	WALL SHELVING	14" W. MOUNTING BRACKET 18" W. MOUNTING BRACKET	3/A5.1 3/A5.1	ADVANCE TABCO ADVANCE TABCO	SB-14/18 DB-14/18	18 lbs 19 lbs	SINGLE & DOUBLE BRACKETS SINGLE & DOUBLE BRACKETS
CH1	24" H.	36	STOOL	METAL STOOL WITH BACKREST	-	ULINE	H-4827	16 lbs	
CH2	20" W. X 20" D.	1	CHAIR	ALL MESH TASK CHAIR	-	ULINE	H-6238	40 lbs	RUBBER WHEELS
HS1	20" X 24" X 27"	1	HAND SINK	ADA COMPLIANT LAVATORY WITH TAPERED SKIRT	8/A5.1	ADVANCE TABCO	7-PS-77-W	65 lbs	SWING FAUCET, 5" D. SINK BOWL
WSH1	27" X 28" X 37 1/2"	1	WASHER	COMMERCIAL - FRONT LOAD	1/A5.2	WHIRLPOOL	CHW9160GW-27"	235 lbs	HIGH EFFICIENCY COMMERCIAL ELECTRIC
DR1	27" X 29" X 37 1/2"	1	DRYER	COMMERCIAL - FRONT LOAD	1/A5.2	WHIRLPOOL	CGD9160GW-27"	147 lbs	COMMERCIAL GAS
IM1	17" X 24" X 39"	1	ICE MAKER	SELF - CONTAINED CUBER WITH BUILT - IN STORAGE BIN	1/A5.2	HOSKIZAKI AMERICA	KM-81BAJ	111 lbs	
FZ1	39 1/2" X 29 1/2" X 78 3/8"	1	FREEZER	T - SERIES REACH - IN SOLID SWING DOOR	2/A5.2	TRUE	T-35F-HC	455 lbs	2 DOORS, 6 SHELVES
OV1	55" X 43" X 66"	1	OVEN - PIZZA	DOUBLE DECK ELECTRIC PIZZA OVEN	2/A5.2	BAKERS PRIDE	EP-2-8-3836 240/3 (55")	1200 lbs	220-240V, 3 PHASE / LEGS W/CASTERS / DECK BRUSH AND SCRAPPER
RG1	35 3/8" X 25 1/2" X 36"	5	RANGE - STANDARD	GAS RANGE - 6 BURNER	1/A5.2	VIKING	VGR73626B-36" W.	525 lbs	
RG2	35 3/8" X 25 1/2" X 34"	1	RANGE - ADA	GAS RANGE - 6 BURNER ADA COMPLIANT	1/A5.2	VIKING	VGR73626B-36" W.	525 lbs	MODIFY OR ADD NEW LEGS TO ADJUST HEIGHT TO 34" A.F.F.
EH1	24" X 36" X 24"	6	EXHAUST HOOD	RESIDENTIAL EXHAUST HOOD WRH - WITH FIRE SYSTEM UL300A	2/A5.1	CAPTIVEAIRE	WRH-36	135 lbs	UNIT TO INCLUDE STRAIGHT S.S. WRAPPER ABOVE
CK1	33 1/2" X 30 1/2" X 39 1/2"	1	COOKER / OVEN	ICOMBI GAS STEAM / CONVECTION OVEN	1/A5.2	RATIONAL	ICP-10HALF-NG-120V-IPH (PRO 10-HALF) LMI00DG	298 lbs	(1) INSTALLATION KIT #8720.1560US (1) CERTIFIED INSTALLATION #9999.2271 (1) WATER FILTRATION SYSTEM #1900.1154US
CKS1	34 1/4" X 30 1/4" X 27 1/2"	1	COOKER / OVEN - STAND	ICOMBI OVEN STAND	1/A5.2	RATIONAL	60.31.103	35 lbs	(10) GASTRONORM GRID SHELVES #6010.1101 (1) LEVELING KIT (1) STARTER PACKAGE #60.72.107
REF1	78 1/2" X 29 1/2" X 78 3/8"	1	3 DOOR REFRIGERATOR	EXISTING REFRIGERATOR	2/A5.2	TRUE	TS-72-HC	600 lbs	RE-INSTALL

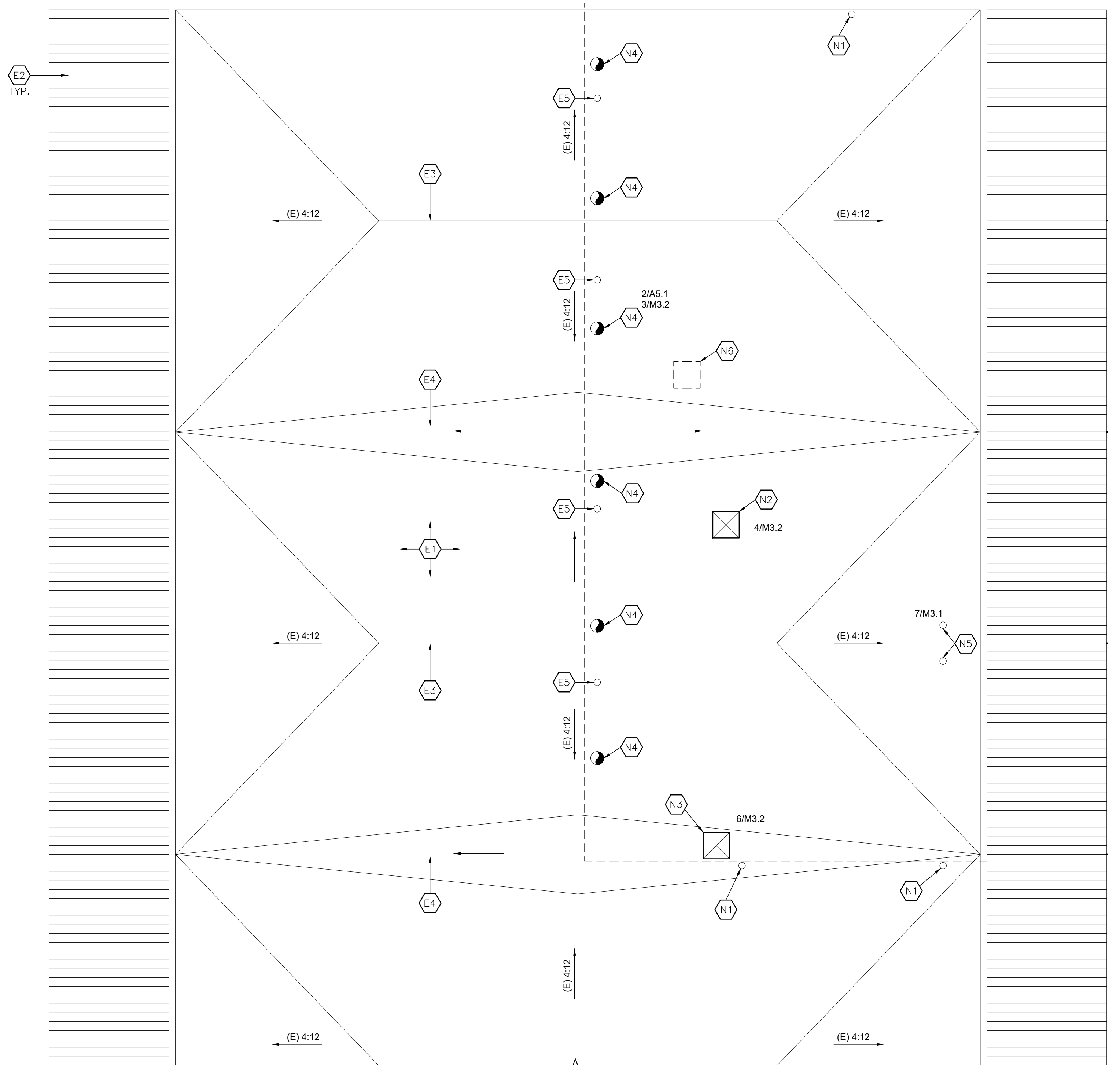
NOTE:
 WALL SHELVING ON PLAN IS TO RECEIVE
 ALL WS LABELED ITEMS
 (WS-S, WS1-P, & WS1-B)

GENERAL NOTES

- PROVIDE ADVANCED TABCO TA-72 TABLE LEG CLAMPS ON ALL FIXED EQUIPMENT PER DETAIL 1/A5.1

SYMBOL LEGEND

WT = WORK TABLE
 ST = 3-COMPARTMENT SINK TABLE
 WS-S = WALL SHELVING
 WS-P = WALL SHELVING POSTS
 WS-B = WALL SHELVING BRACKETS
 WSH = WASHER
 DR = DRYER
 IM = ICE MAKER
 FZ = FREEZER
 OV = PIZZA OVEN
 CK = COOKER / OVEN
 CKS = COOKER STAND
 HS = HAND SINK
 REF = REFRIGERATOR
 RG = RANGE
 EH = EXHAUST HOOD
 CR = CORD REEL
 FS = FREE-STANDING TABLE
 FIXED = ATTACHED TO WALL TABLE



1 ROOF PLAN
 SCALE: 3/16" = 1'-0"
 NORTH

KEYNOTES 

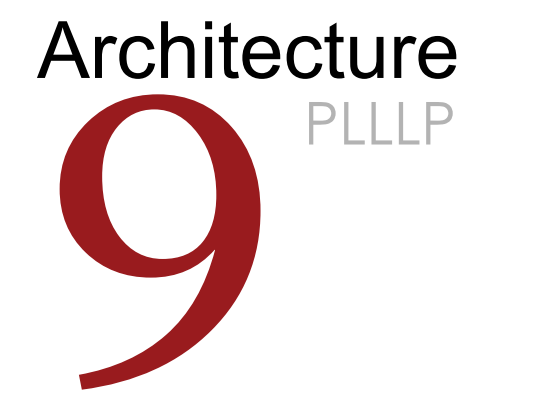
EXISTING:

- E1. EXISTING COMPOSITE ASPHALT SHINGLES
- E2. EXISTING METAL DECKING COVERED WALKWAY
- E3. EXISTING RIDGELINE
- E4. EXISTING CRICKET
- E5. EXISTING PLUMBING VENT TO REMAIN

NEW:

- N1. NEW VENT PIPE, RE: 5/A9.2 AND PLUMBING DWG
- N2. NEW MARK-UP AIR UNIT, RE: 2/A9.2 AND MECHANICAL DWG
- N3. NEW ROOFTOP EXHAUST FAN, RE: 1/A9.2 AND MECHANICAL DWG
- N4. NEW EXHAUST HOOD GOOSENECK, PAINT, RE: 3/A9.2, AND MECHANICAL DWG
- N5. NEW VENT CONCENTRATE/ PIPE, RE: 4/A9.2 AND MECHANICAL DWG
- N6. INFILL ROOF DECKING AT REMOVED UNIT, RE: 6/A9.2

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 a9contact@architecture9.com

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

SCHOOL DISTRICT:

**BONITA UNIFIED
 SCHOOL DISTRICT**

PROJECT:

**SAN DIMAS
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 CULINARY ARTS
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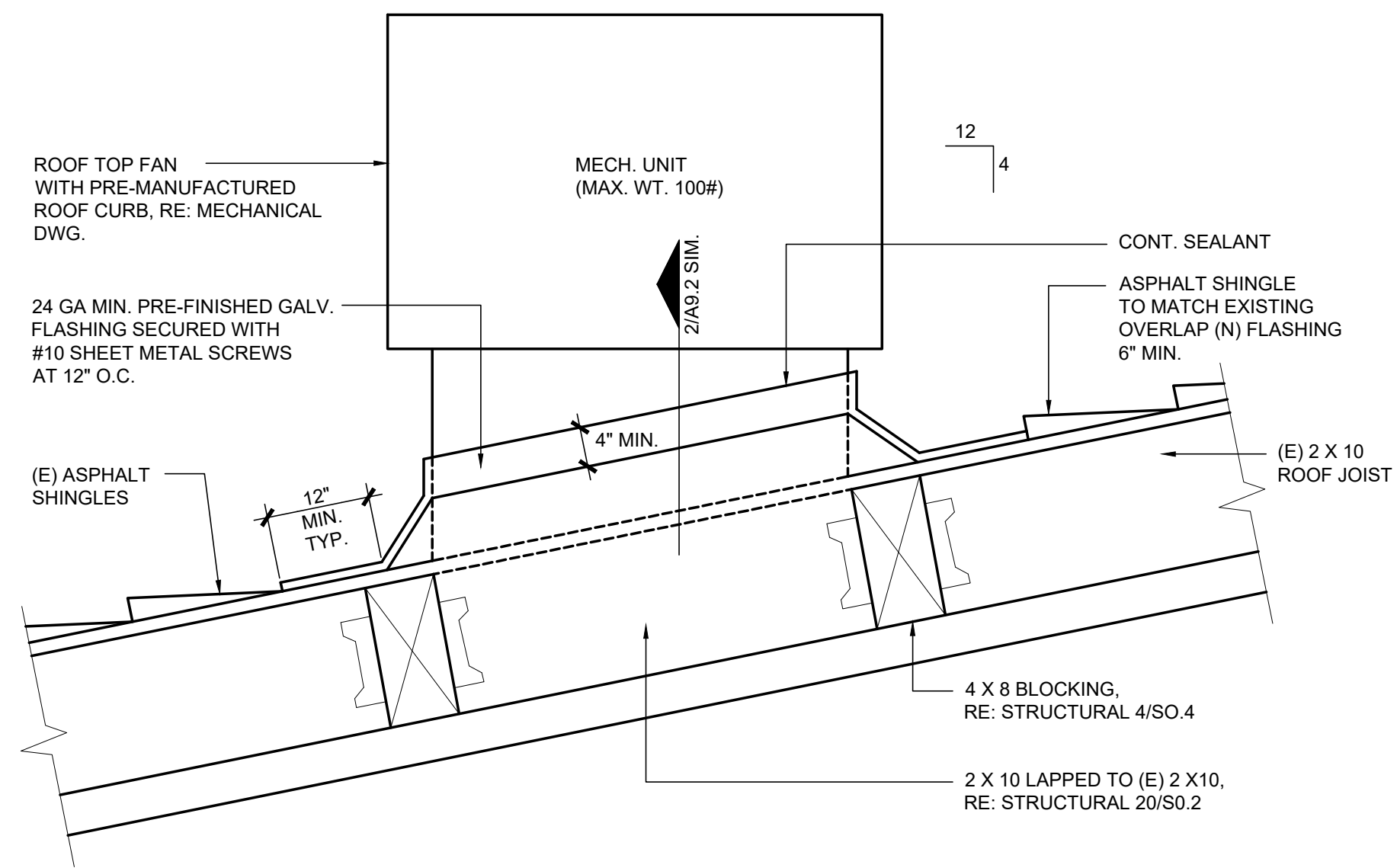
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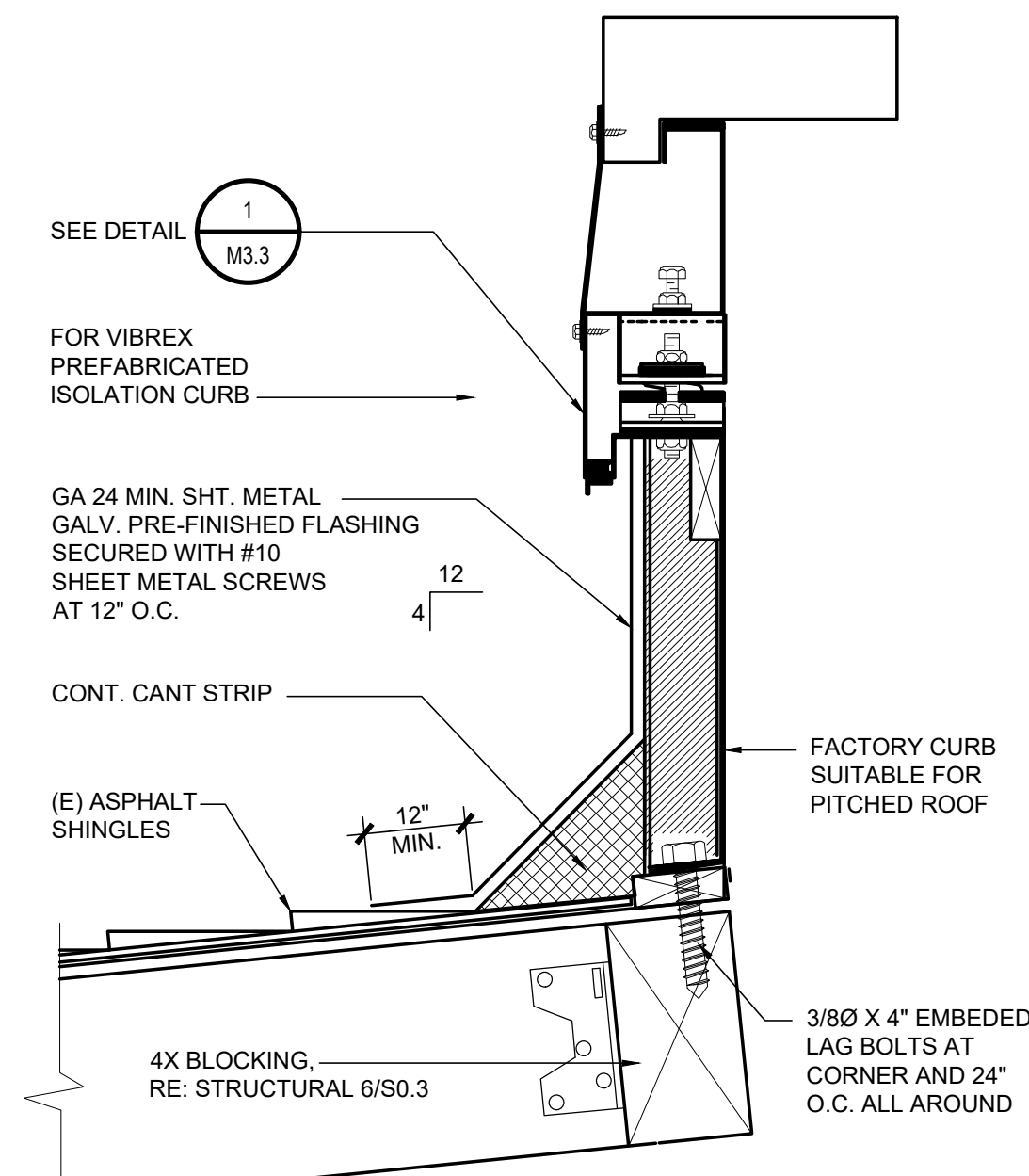
**DRAWING TITLE:
 ROOF PLAN**

DRAWING NO.:

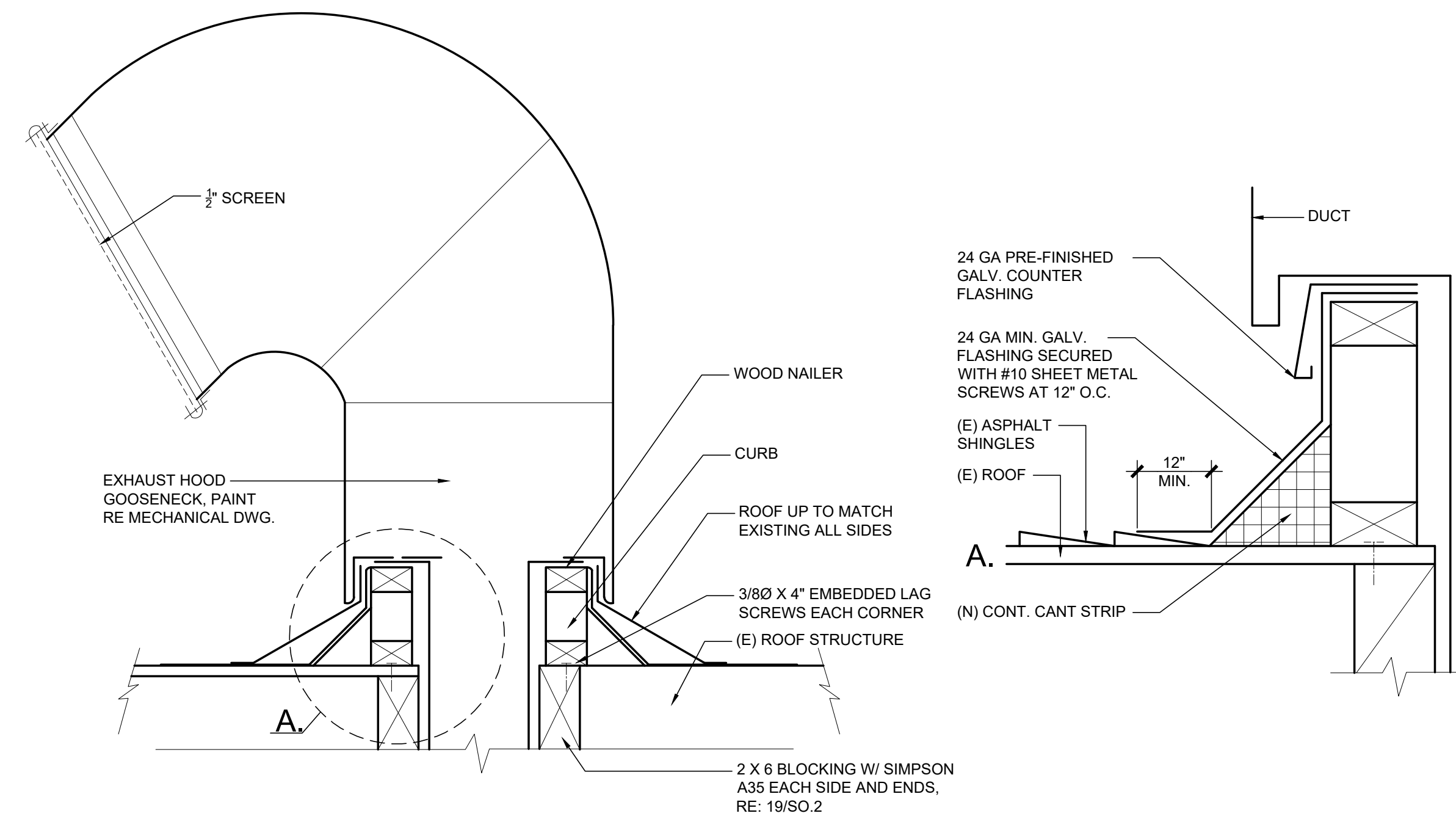
A9.1



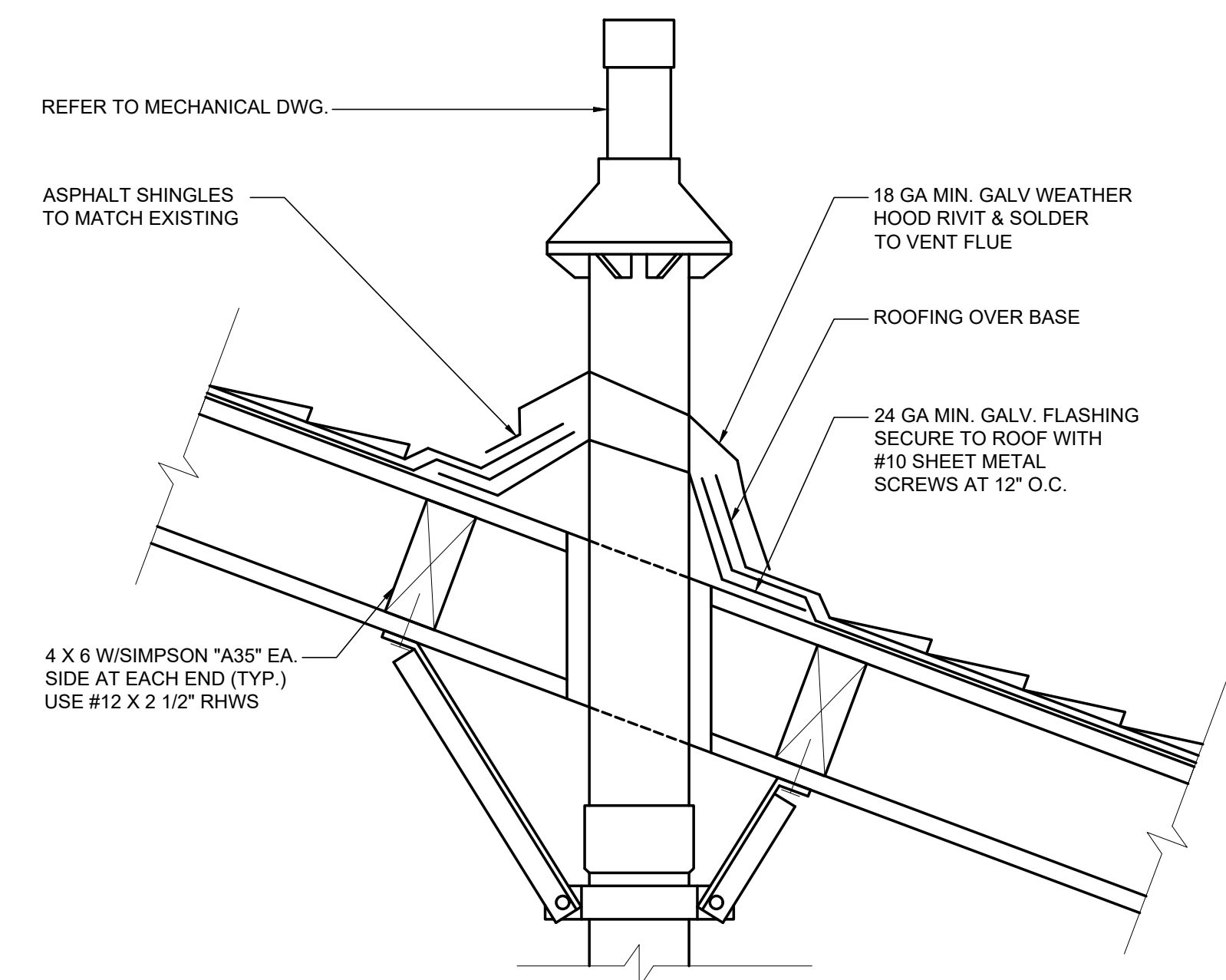
1 ROOF TOP EXHAUST FAN
SCALE: N.T.S. FLASHING DETAIL



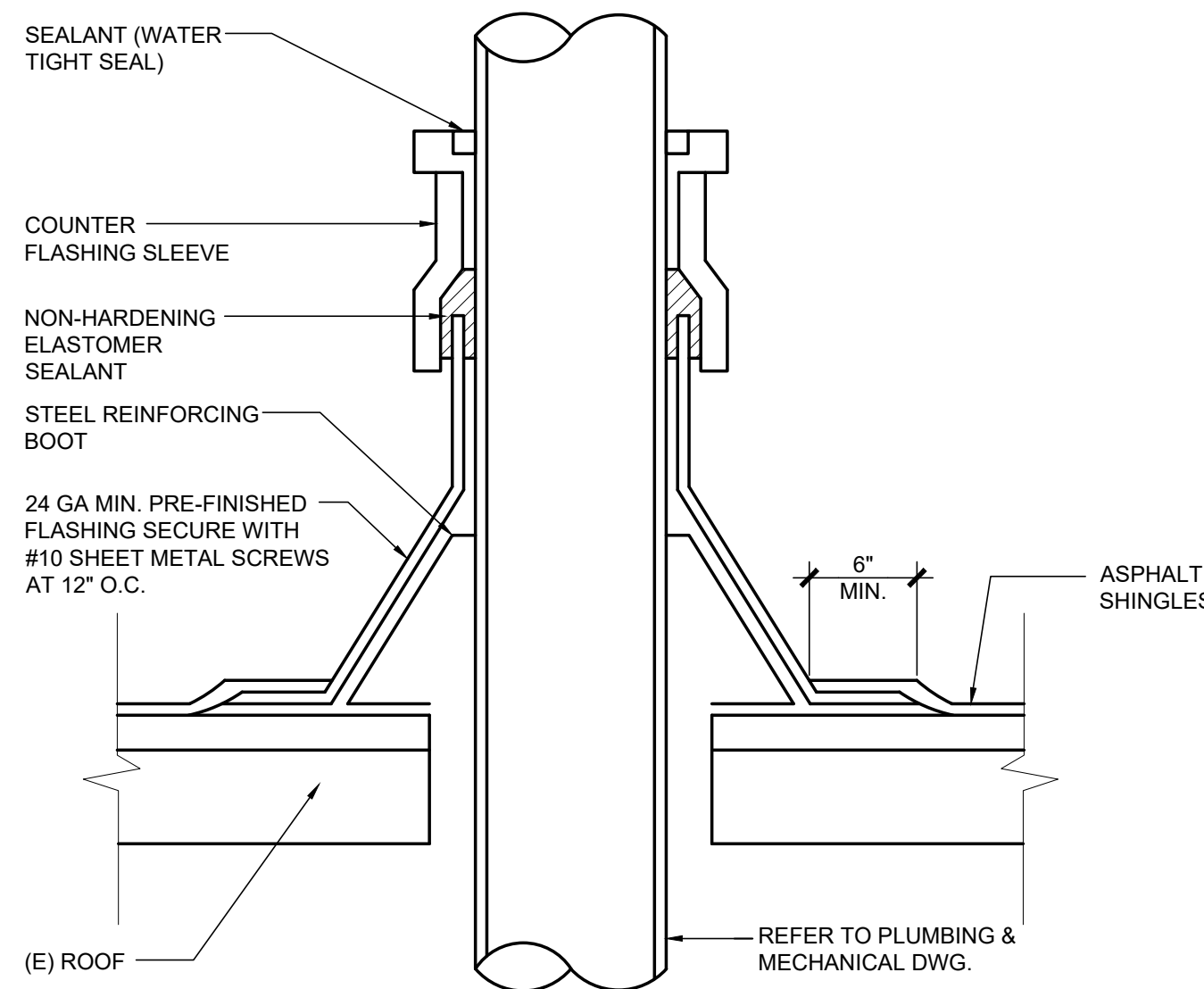
2 MAKE-UP AIR CURB
SCALE: N.T.S. FLASHING DETAIL



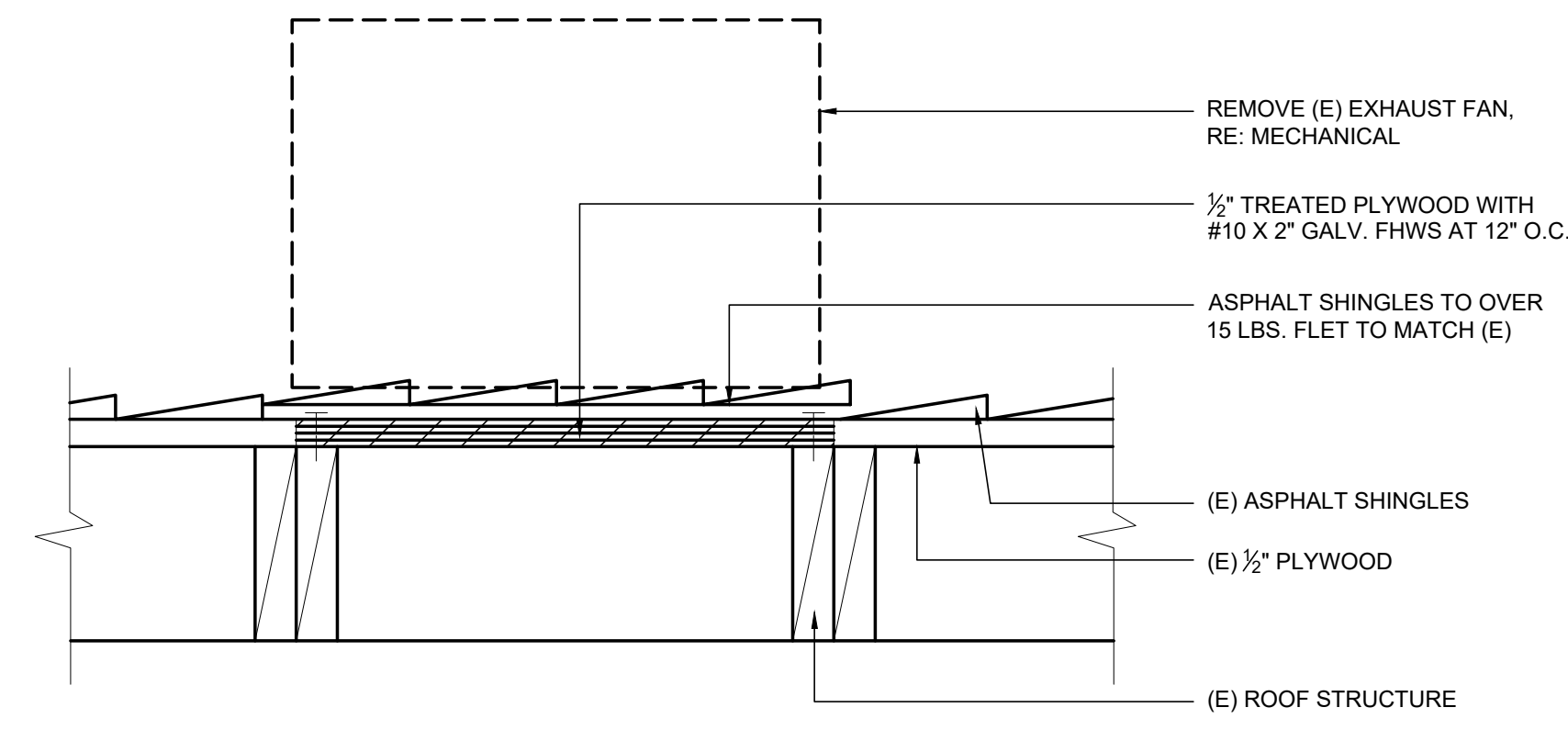
3 EXHAUST HOOD GOOSENECK VENT
SCALE: N.T.S. FLASHING DETAIL



4 CONCENTRIC PIPE
SCALE: N.T.S. FLASHING DETAIL



5 ROOF PIPE PENETRATION
SCALE: N.T.S. FLASHING DETAIL



6 ROOF REPAIR
SCALE: N.T.S.

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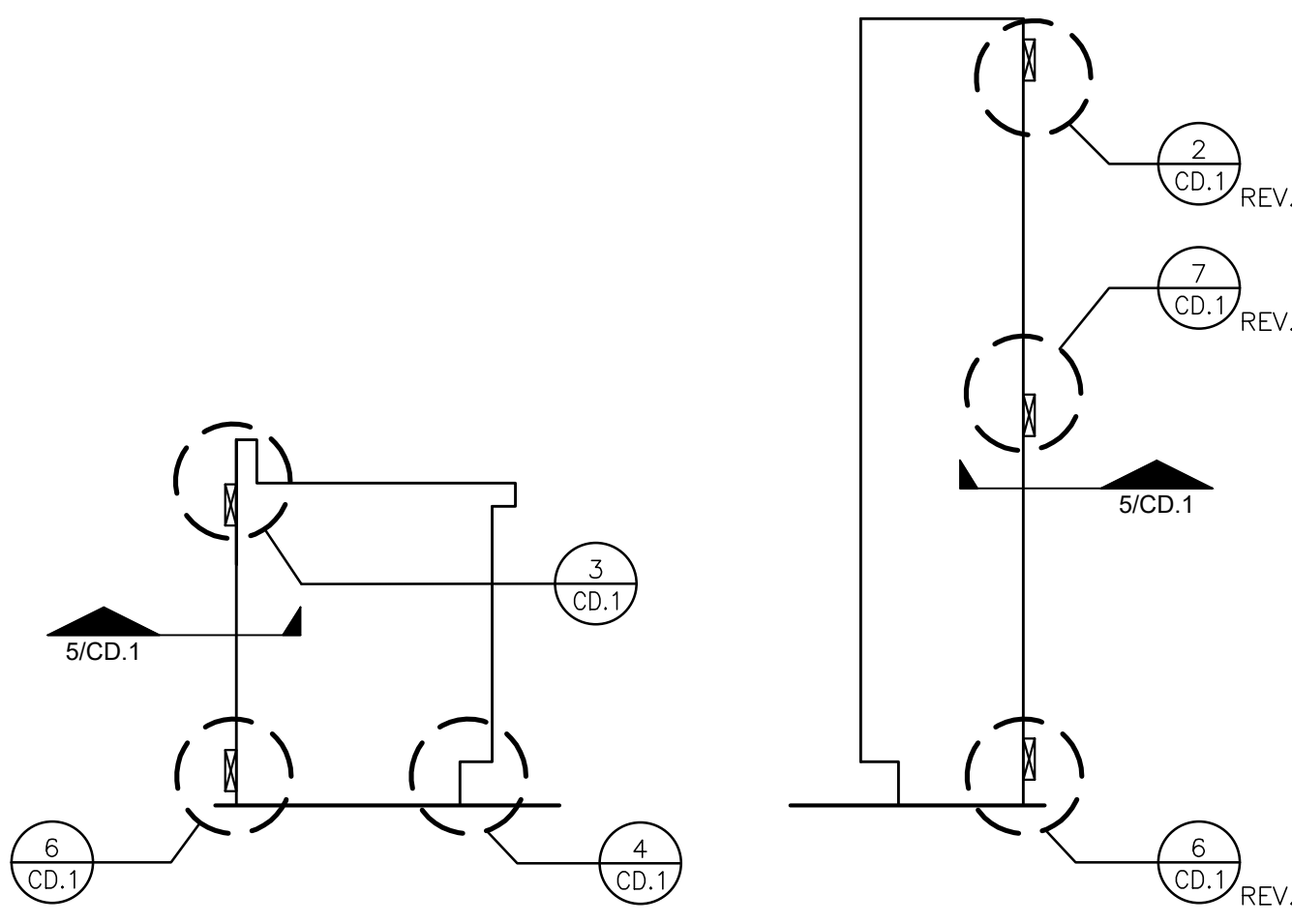
SCHOOL DISTRICT:
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REVISION: DATE: _____

DRAWING TITLE:
ROOF DETAILS

DRAWING NO.:
A9.2



GENERAL CASEWORK NOTES:

- REFER TO SPECIFICATIONS, SECTION 06 40 00 FOR REQUIRED SEISMIC CONSTRUCTION CONSISTING OF DOWEL PIN, EUROPEAN DOWEL SCREW AND RABBETED CONSTRUCTION.
- ALL MATERIAL, JOINERY AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24 LATEST EDITION AND WOODWORK INSTITUTE (WI) MANUAL OF MILLWORK, LATEST EDITION.
- SELF-CLOSING CONCEALED HINGES AT ALL CASEWORK.
- DRAWERS, DOORS AND FALSE DRAWER FRONTS SHALL BE EDGE BANDED.

CASEWORK FABRICATION

IN COMPLIANCE WITH CALIFORNIA'S SEISMIC REQUIREMENTS, AS SPECIFIED IN THE LATEST EDITION CALIFORNIA, BUILDING CODE (CBC), PART 2, TITLE 24, CONSISTING OF DOWEL PIN, EUROPEAN DOWEL SCREW, AND RABBETING CONSTRUCTION. FOR FULL DETAILS AND REQUIREMENTS, CONTACT ANY WI DAS (DIRECTOR OF ARCHITECTURAL SERVICES) OR THE ADMINISTRATIVE OFFICE. ALL MATERIAL, JOINERY, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE WI APPROVED ENGINEERED DRAWINGS AND THE WI MANUAL OF MILLWORK.

1 CABINET DETAIL REFERENCING
SCALE: NONE

WOODWORK INSTITUTE (WI) GUIDELINES FOR CASEWORK INSTALLATION

REFER TO WI CASEWORK INSTALLATION REQUIREMENTS (APPENDIX), WI MANUAL- LATEST EDITION

	MASONRY BLOCK			WOOD STUDS			METAL STUDS		
	TOP	BOTTOM	MIDDLE	TOP	BOTTOM	MIDDLE	TOP	BOTTOM	MIDDLE
WALL HUNG CABINETS									
48" x 30" x 18"	12"	16"	N/A	8"	16"	N/A	8"	16"	N/A
48" x 48" x 18"	9-5/8"	12"	N/A	16"	16"	N/A	16"	12"	N/A
48" x 30" x 13"	16"	16"	N/A	16"	16"	N/A	16"	16"	N/A
48" x 48" x 13"	16"	16"	N/A	8"	16"	N/A	8"	16"	N/A
BASE CABINETS									
48" x 24" x 24"	24"	24"	N/A	24"	24"	N/A	24"	24"	N/A
48" x 42" x 36"	16"	16"	N/A	16"	16"	N/A	16"	16"	N/A
TALL CABINETS									
48" x 96" x 30"	16"	16"	16"	16"	16"	12"	16"	16"	9-5/8"

MAXIMUM SPAN BETWEEN ANCHORAGE FASTENERS FOR ISLAND TYPE AND/OR PENINSULA TYPE CABINETS (QUANTITY OF FASTENERS, EQUALLY SPACED)

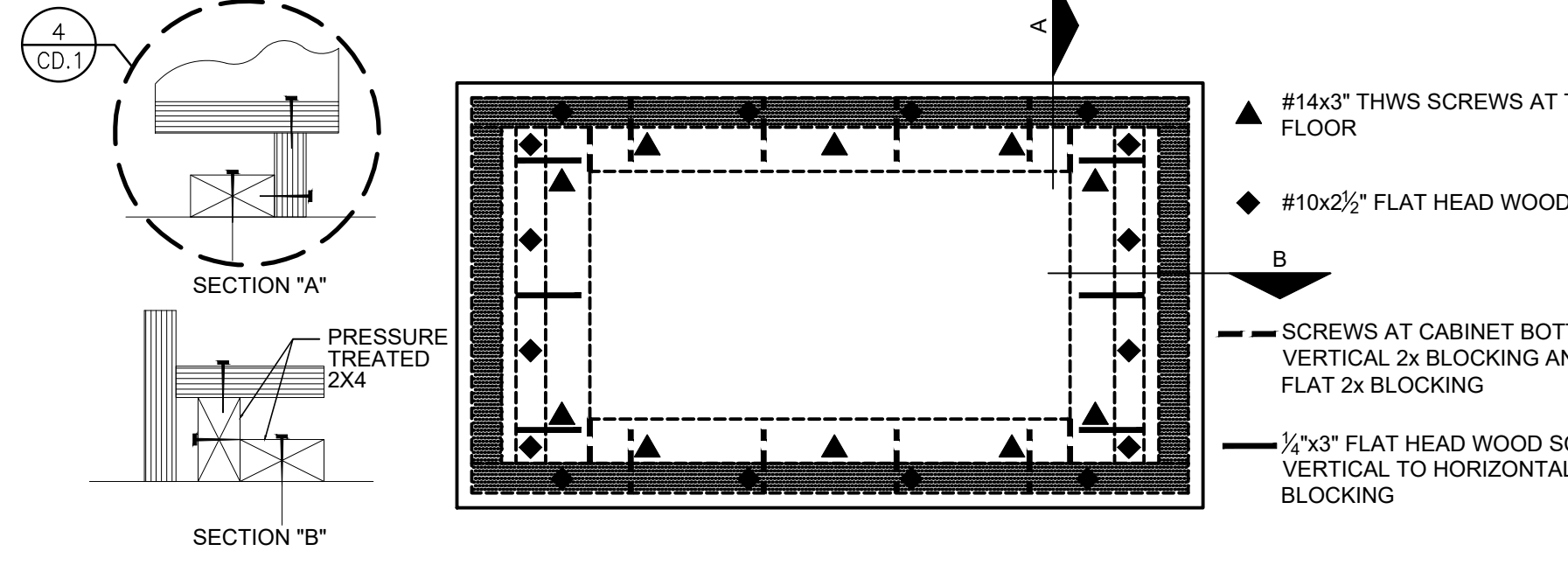
ISLAND/PENINSULA CABINET SIZES	BASED ON CONCRETE FLOORS				
	HORIZONTAL 2x4 TO FLOOR*	VERTICAL 2x4 TO HORIZONTAL 2x4 AT EACH END	CABINET BOTTOM TO 2x4 AT EACH END	CABINET BOTTOM TO TOE KICK AT EACH SIDE	TOE KICK TO 2x4 AT EACH SIDE
48" x 42" x 24" W/ MIN. 18" BASE	10	2	3	4	4
48" x 36" x 24" W/ MIN. 18" BASE	10	2	3	4	4
48" x 42" x 36" W/ MIN. 30" BASE	10	3	4	4	4

* MINIMUM TWO FASTENERS PER HORIZONTAL 2x4 LOCATED AT 6" FROM EACH END.

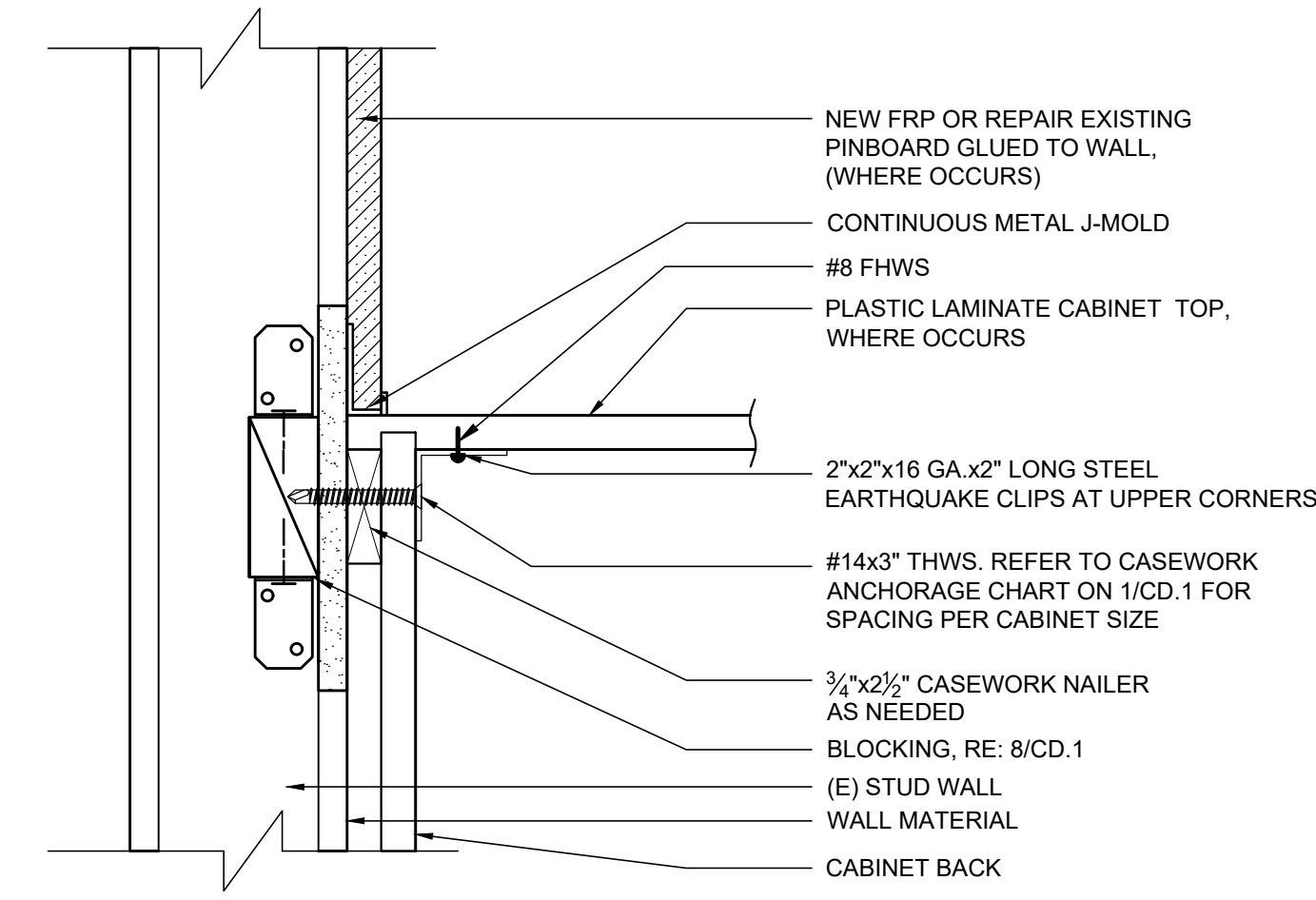
SEE ANCHORAGE DIAGRAM BELOW REFER TO SHEET CD.1 FOR TYPICAL CABINET DETAILS

ANCHORAGE DIAGRAM FOR ISLAND AND/OR PENINSULA CABINETS:

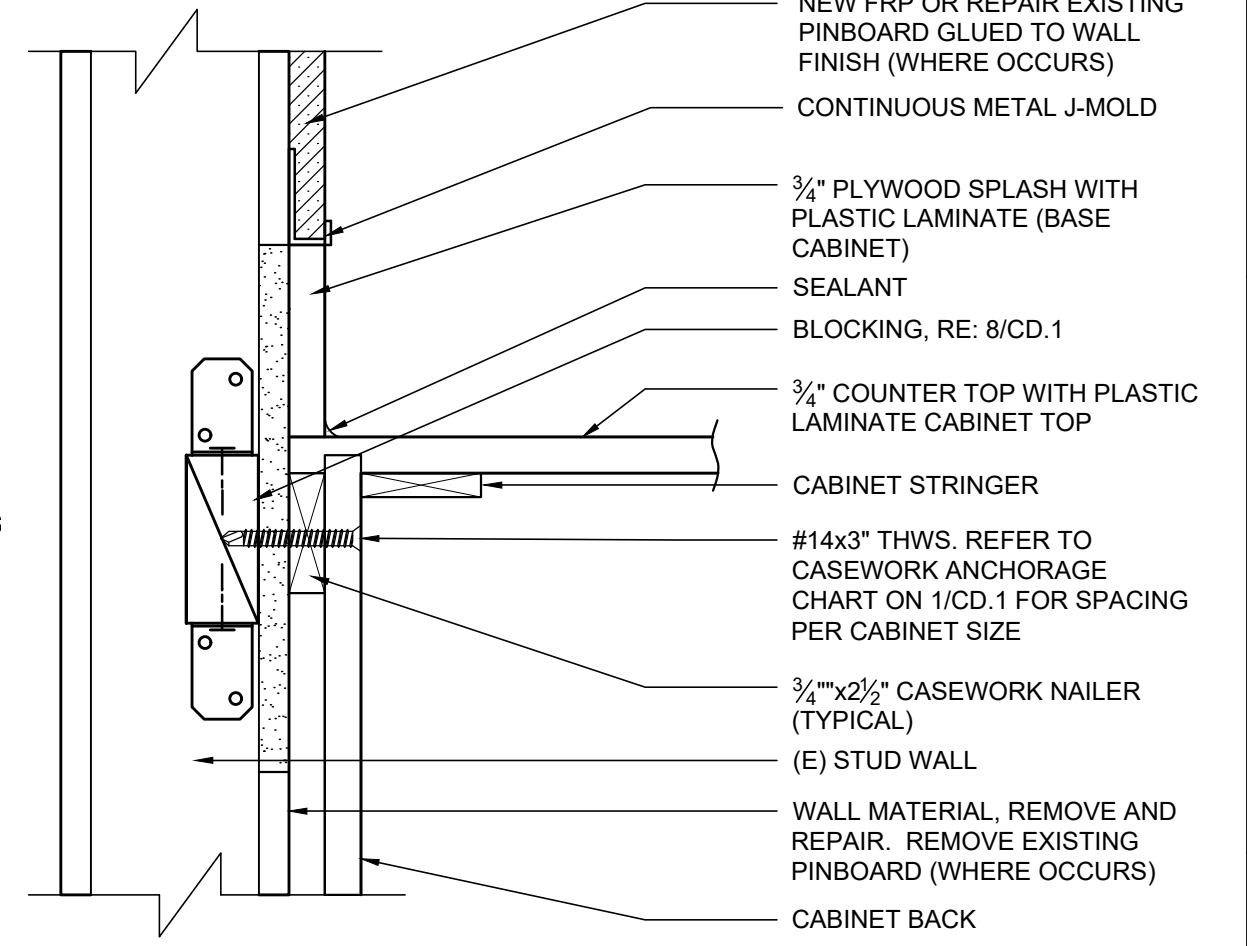
THE FOLLOWING DETAILS OF FASTENER SPACING IS FOR A 48" WIDE CABINET UNIT, ANCHORAGE OF NARROWER WIDTH UNITS SHALL BE PROPORTIONAL:



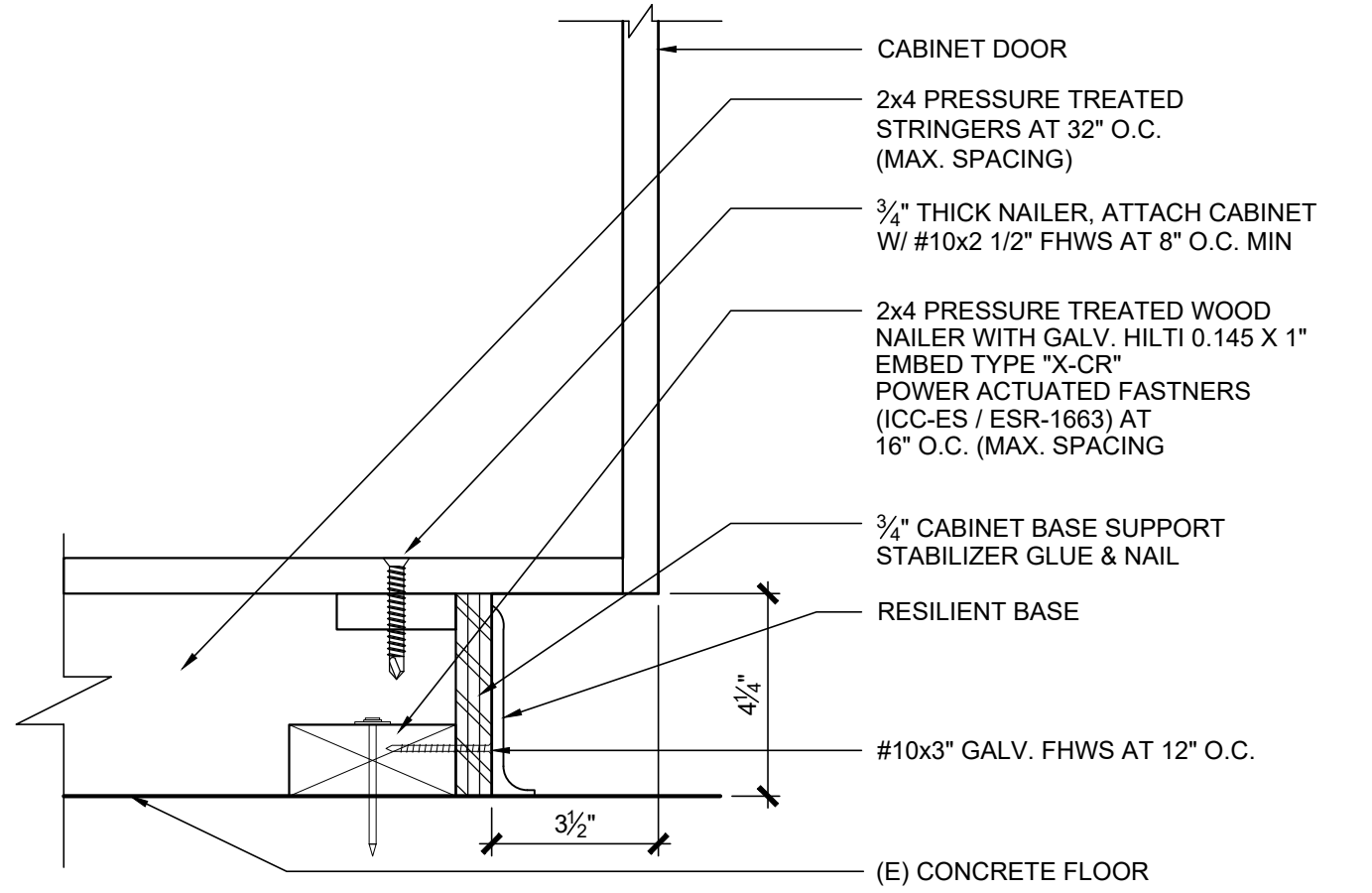
- ADJACENT CABINET UNITS SHALL BE FASTENED TOGETHER BOTH FRONT AND BACK WITH A MINIMUM OF FOUR (4) #8x1 1/4" FLAT, OVAL OR PAN HEAD SCREWS (BINDER HEAD SEX BOLTS ARE PERMITTED) A MAXIMUM OF 30" ON CENTER.
- TOE BASES ARE REQUIRED TO BE OF INTEGRAL CONSTRUCTION WITH NOMINAL 2x4 SOLID DOUGLAS FIR BLOCKING AS SHOWN ON DETAILS 486/CD.1.
- ANCHORAGE FASTENERS ARE INTENDED FOR A MINIMUM OF A 1 1/2" PENETRATION OF BLOCKING OR FLOOR.
- HORIZONTAL 2x4 BLOCKING SHALL BE ATTACHED TO WOOD FLOORS WITH AT LEAST #14x3 THWS SCREWS.
- VERTICAL 2x4 BLOCKING SHALL BE ATTACHED TO HORIZONTAL 2x4 BLOCKING WITH #14x3 FLAT HEAD WOOD SCREWS.
- CABINET BOTTOMS SHALL BE ATTACHED TO VERTICAL 2x4 BLOCKING WITH #10x2 1/2 FLAT HEAD SHEET METAL SCREWS
- FRONT AND REAR CABINET TOES SHALL BE ATTACHED TO HORIZONTAL 2x4 BLOCKING WITH #10x2 1/2 FLAT HEAD WOOD SCREWS.



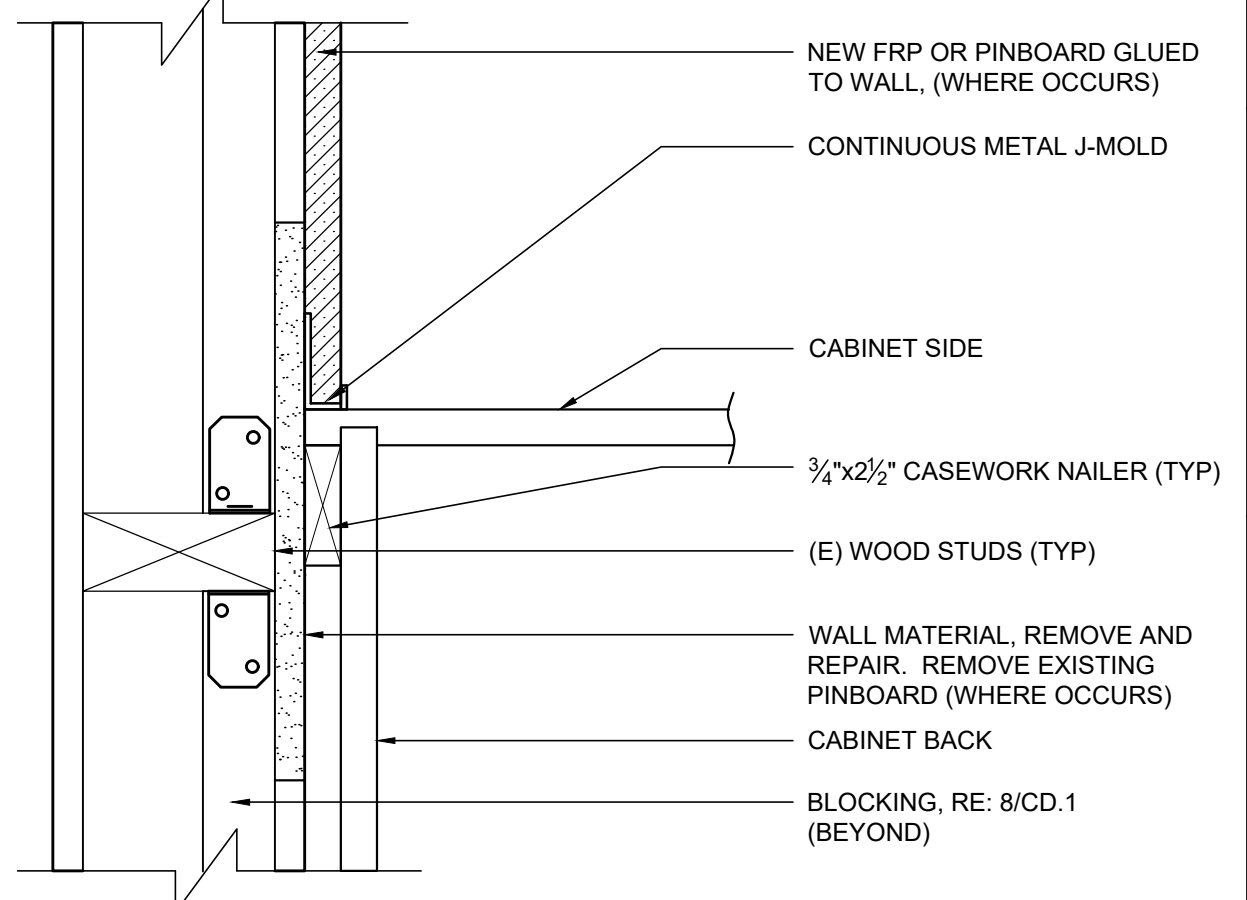
2 CABINET ATTACHMENT
SCALE: 3" = 1'-0"



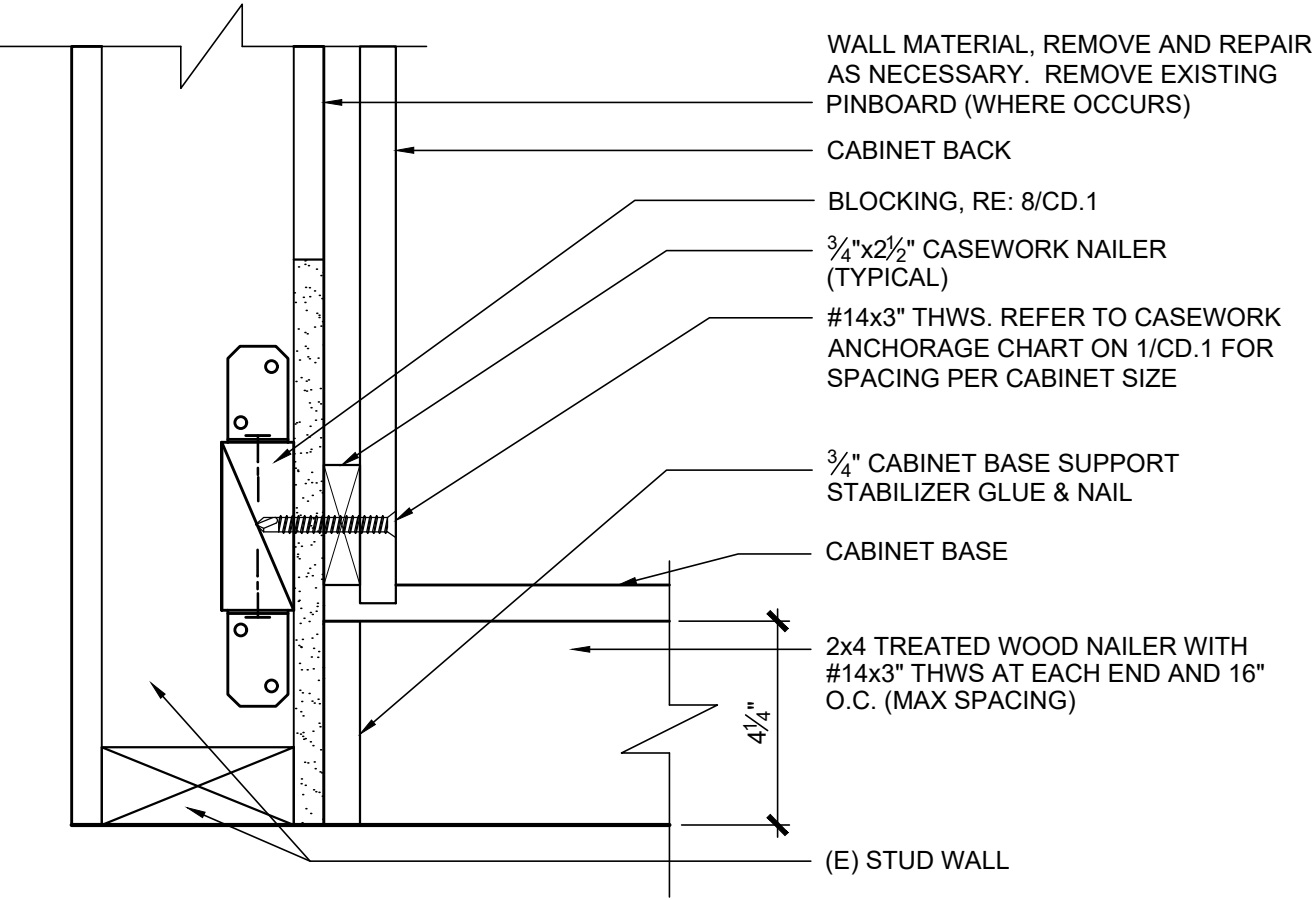
3 CABINET ATTACHMENT
SCALE: 3" = 1'-0"



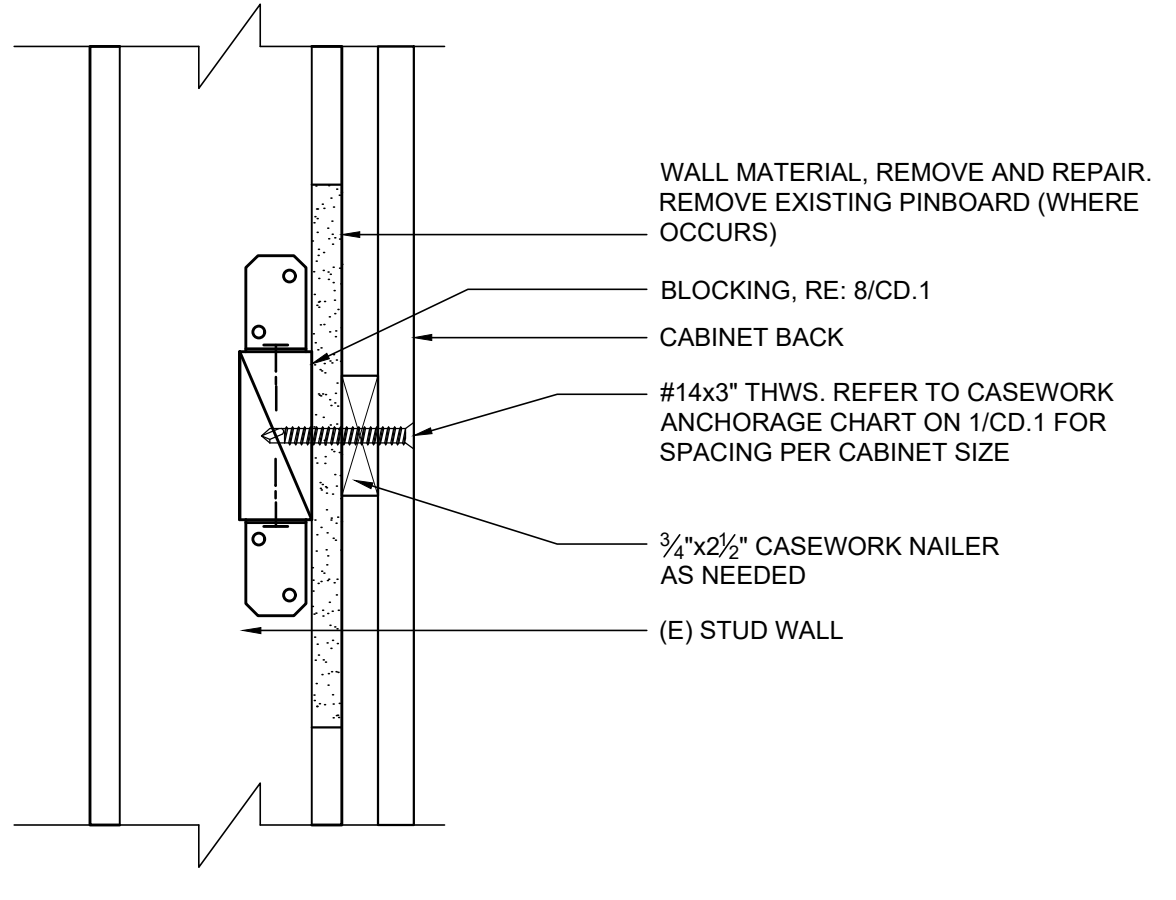
4 CABINET AT BASE
SCALE: 3" = 1'-0"



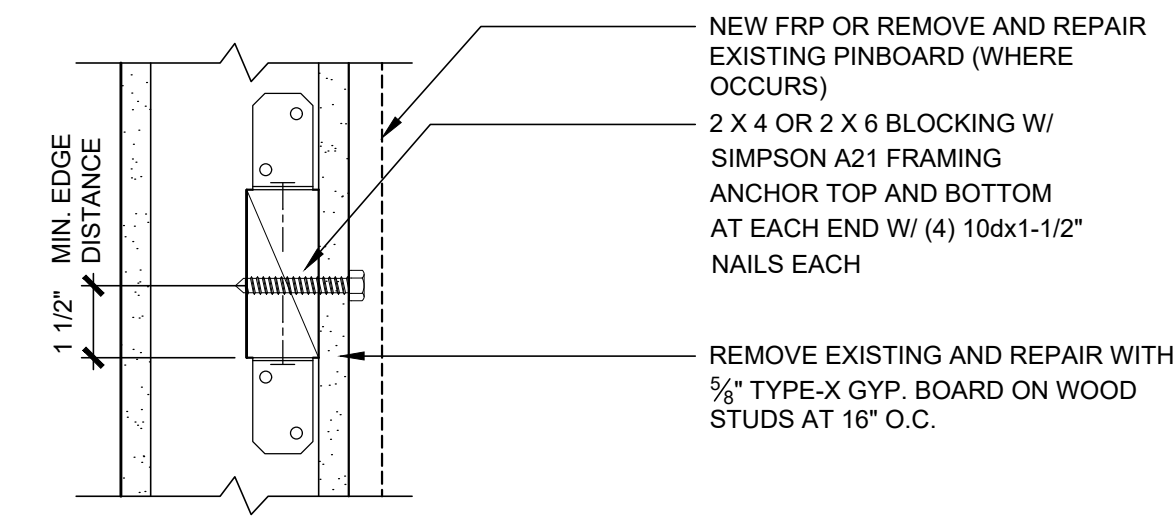
5 PINBOARD AT CABINET SIDE
SCALE: 3" = 1'-0"



6 CABINET BASE AT WALL
SCALE: 3" = 1'-0"



7 CABINET ATTACHMENT
SCALE: 3" = 1'-0"




8 TYPICAL WALL BLOCKING
SCALE: 3" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-121968 INC:
REVIEWED FOR
SS FLS ACS
DATE: 12/20/2022

Architecture
PLLLP
9

8816 Foothill Boulevard, Suite 103-224
Rancho Cucamonga, CA. 91730
a9contact@architecture9.com

ARCHITECTS STAMP:




CONSULTANT:

CONSULTANTS STAMP:

SCHOOL DISTRICT:
BONITA UNIFIED SCHOOL DISTRICT

PROJECT:
SAN DIMAS HIGH SCHOOL CULINARY ARTS CLASSROOM MODERNIZATION

JOB NUMBER: 12.03.00
DATE: 08/25/21

REVISION:  DATE: _____
REVISION:  DATE: _____

DRAWING TITLE:
CASEWORK DETAILS

DRAWING NO.:
CD.1

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-121968 INC:
 REVIEWED FOR
 SS FLS ACS
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8816 Foothill Boulevard, Suite 103-224
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 HIGH SCHOOL
 CULINARY ARTS
 CLASSROOM
 MODERNIZATION

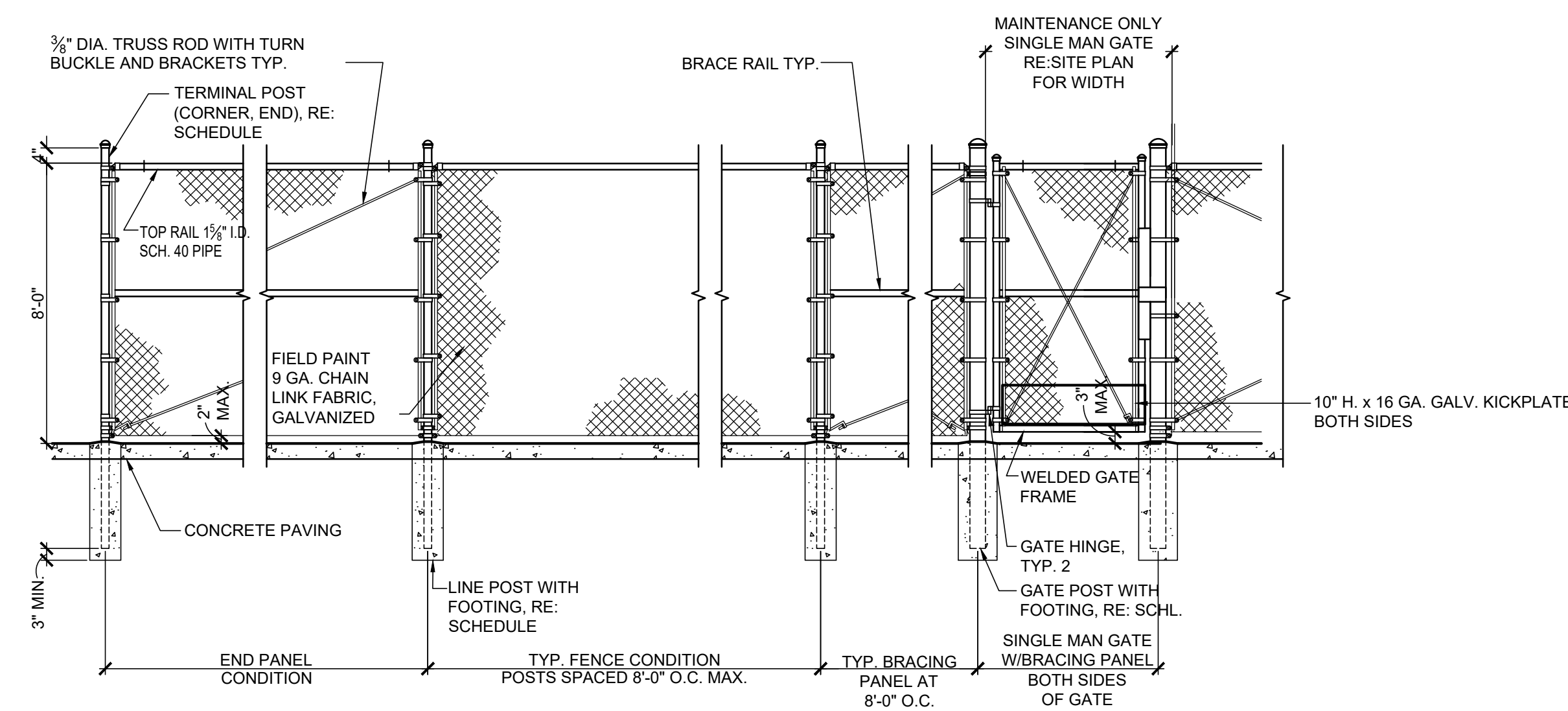
JOB NUMBER: 12.03.00
 DATE: 08/25/21

REVISION: Δ DATE: _____
 REVISION: Δ DATE: _____

DRAWING TITLE:
 CHAIN LINK
 FENCE DETAILS

DRAWING NO.:

CLF.1



1 TYPICAL CHAIN LINK FENCE ELEVATION
 SCALE: 3/8" = 1'-0"

FENCE SCHEDULE										GATE POST SCHEDULE					GENERAL NOTES					
FENCE HEIGHT ABOVE GRADE	TERMINAL POST SIZE (MIN.)			LINE POST SIZE (MIN.)			FOOTING SIZE (MIN.)			REQUIRED CENTER RAIL	REQUIRED DIAGONAL BRACING	FABRIC TENSION BANDS AT TERM. POST (QUANTITY)	GATE HEIGHT ABOVE GRADE	GATE LEAF WIDTH	GATE POST SIZE (MIN.)			FOOTING SIZE (MIN.)		
	DIA. (O.D.)	NOMINAL (I.D.)	TOTAL POST LENGTH ABOVE & BELOW GRADE	DIA. (O.D.)	NOMINAL (I.D.)	TOTAL POST LENGTH ABOVE & BELOW GRADE	DIA. (TERM. POST)	DIA. (LINE POST)	DEPTH						DIA. (OD)	NOMINAL (I.D.)	TOTAL POST LENGTH ABOVE & BELOW GRADE	DIA.	DEPTH	
8'-0"	3.5"	3"	11'-0"	2.875"	2.5"	11'-0"	12"	12"	5'-7 1/2"	NO	YES	7	8'-0"	4'-0"	3.5"	3.068"	11'-0"	12"	5'-7 1/2"	

- A. ALL CHAIN LINK COMPONENTS TO MEET TO EXCEED ASTM STANDARDS.
- B. ALL FENCE AND GATE COMPONENTS SHALL BE HOT-DIP GALVANIZED. GATE TO BE GALVANIZED AFTER ASSEMBLY. FABRIC TO BE GALVANIZED AFTER MANUFACTURED.
- C. ALL FENCE FABRIC SHALL BE GALVANIZED AFTER WOVEN.
- D. TRUSS BRACE ROD SHALL BE FABRICATED FROM 5/16" DIA. MIN. MERCHANT QUALITY ROD AND IT AND ALL RELATED DEVICES SHALL BE HOT-DIP GALVANIZED PER ASTM F626-96a (2003).
- E. TRUSS ROD ATTACHED TO TERMINAL POSTS WITH ROD ASSEMBLY. TRUSS ROD AND ASSEMBLY SHALL BE CAPABLE OF WITHSTANDING A TENSION OF 2,000 LBS.
- F. POST, LINE CAPS AND RAIL ENDS SHALL BE DESIGNED TO FIT SNUGLY OVER POSTS AND EXCLUDE MOISTURE FROM INSIDE.
- G. SPOT WELD ALL BOLTED GATE HARDWARE UPON FINAL ADJUSTMENTS TO MAINTAIN ALIGNMENTS.
- H. MAINTENANCE GATES TO HAVE GALVANIZED LATCH FORK WITH PAD LOCK AND (2) GATE HINGES

P:\P-2021\2021-072-00 San Dimas HS Culinary Arts-Clearom Mod\10_BM-CAD\MEP\PO_1.dwg 2/16/2022 4:14 PM Katherine M. Kikano

WATER CALCULATION
DOMESTIC WATER FIXTURE UNIT LOADS
Table with columns: FIXTURE, QUANTITY, FIXTURE UNITS REQUIRED EA (CW, HW), FIXTURE UNIT TOTAL (CW, HW). Includes fixtures like SINK, CLOTHES WASHER, ICE MAKER, etc.

HYDRAULIC WATER CALCULATION
WATER PRESSURE:
STATIC PRESS. AT SITE = 75 PSI
RESIDUAL PRESS. AT SITE = 65 PSI
BUILDING DEMAND:
TOTAL DEMAND 40 F.U. = 25 GPM
PRESSURE LOSSES:
SITE METER = 0 PSI
BACKFLOW DEVICE PRESSURE DROP = 0 PSI
OTHER PRESSURE DROP = 0 PSI
SITE STATIC 3 x0.433 = 1.3 PSI
BUILDING STATIC 10 x0.433 = 4.33 PSI
RESIDUAL REQUIRED (FT) = 20 PSI
TOTAL LOSSES = 25.63 PSI
PRESSURE AVAILABLE FOR FRICTION LOSS:
PRESSURE AVAILABLE FOR LOSSES 65 - 25.63 = 39.37 PSI
TOTAL DEVELOPED LENGTH 180 x 1.5 (FITTINGS) = 270 FEET
PSI LOSSES PER 100 FT. 39.37 PSI/100' / 270 FT. = 14.58 PSI/100'

DOMESTIC COLD WATER SIZING
Table with columns: PIPE SIZE, COLD WATER, HOT WATER. Includes pipe material (TYPE L COPPER), maximum acceptable pressure loss (3.4 PSI/100 FT.), and maximum acceptable velocity (5 FT./SEC.).

GENERAL NOTES
1. ALL WORK AND MATERIAL SHALL COMPLY WITH THE LATEST CALIFORNIA BUILDING CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA ADMINISTRATIVE CODE TITLES 24, AND APPLICABLE LOCAL CODES, AMENDMENTS AND DSA REQUIREMENTS.
2. CONTRACTOR SHALL SURVEY AND FIELD VERIFY EXISTING UTILITY LINES PRIOR TO START OF WORK...
3. IN REFERENCE TO AN INTERRUPTION OF EXISTING SERVICES, CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE PROPER AND APPROVED REPAIR OF ANY AND ALL DAMAGE CAUSED BY HIM OR HIS WORK TO EXISTING BUILDINGS, CONDUIT, PIPING, PLANTS, ETC.
4. THE CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, THE ARCHITECTURAL AND PLUMBING DRAWINGS...
5. THESE DRAWINGS AND LAYOUTS ARE DIAGRAMMATIC TO SHOW DESIGN INTENT AND INDICATE THE FINISHED REQUIREMENTS FOR THE PLUMBING SYSTEMS...
6. PENETRATION OF RATED ASSEMBLIES SHALL BE FIRE STOPPED USING AN APPROVED MATERIAL BY UL AND SHALL HAVE AN F OR T RATING AS DETERMINED BY TESTS CONDUCTED IN ACCORDANCE WITH UBC STANDARD 7-5.
7. PROVIDE PIPE SLEEVES FOR ALL PIPING PASSING THROUGH MASONRY OR CONCRETE WALLS. ALL ANNULAR SPACE SHALL BE CAULKED APPROPRIATELY.
8. THE CONTRACTOR SHALL COORDINATE ALL SHUT DOWN OR DISRUPTION OF THE PLUMBING SYSTEMS WITH GENERAL CONTRACTOR AT LEAST 72 HOURS IN ADVANCE AND TO INCLUDE OBTAINING THE WRITTEN APPROVAL OF THE OAR.
9. WHERE THERE IS A DISCREPANCY BETWEEN THE DRAWINGS AND THE PROJECT SPECIFICATIONS OR BUILDING STANDARDS, THE ARCHITECTS SHALL BE NOTIFIED OF THIS DISCREPANCY PRIOR TO PROCEEDING WITH THE WORK.
10. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES, AND FEES REQUIRED FOR THE INSTALLATION AND APPROVAL OF THE PLUMBING WORK...
11. THE CONTRACTOR SHALL PROVIDE A COORDINATED SET OF SHOP DRAWINGS AND PRODUCT DATA ACCORDING TO THE SPECIFICATIONS FOR REVIEW AND APPROVAL PRIOR TO THE STARTING OF WORK...
12. THE CONTRACTOR SHALL PROVIDE A COMPLETE AS-BUILT DRAWINGS PRIOR TO COMPLETION OF THE PROJECT FOR REVIEW BY THE ARCHITECT AND/OR ENGINEER.
13. ALL SYMBOLS SHOWN ON THE SYMBOL LIST ARE NOT NECESSARILY USED ON THIS PROJECT.
14. PATCH AND REPAIR ALL EXISTING FINISHES THAT ARE AFFECTED BY THE WORK.
15. PAINT EXPOSED PIPING TO MATCH BACKGROUND OR AS DIRECTED BY THE ARCHITECT.

MEP COMPONENT ANCHORAGE NOTES
ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30.
1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.
THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:
A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.
THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., OSHD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.
MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E).

APPLICABLE CODES
CODE ANALYSIS
THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF:
THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF:
2019 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
2019 NATIONAL FIRE ALARM AND SIGNALING CODE
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24
2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
2019 NATIONAL ELECTRICAL CODE, NFPA 70

SCOPE OF WORK
FULL PLUMBING SYSTEMS RENOVATION OF THE CULINARY ARTS CLASSROOM.

PLUMBING NOTES
1. PROVIDE NEW PLUMBING UTILITIES TO NEW PLUMBING FIXTURES AND EQUIPMENT AS INDICATED ON THE ARCHITECTURAL DRAWINGS.
2. PIPE BRANCH CONNECTIONS SHALL OFFSET. NO "BULL HEAD" CONNECTIONS WILL BE ALLOWED.
3. ALL PLUMBING WORK SHALL COMPLY WITH CURRENT AND APPLICABLE SCHOOL DISTRICT SPECIFICATIONS, CODES AND SCHOOL DESIGN GUIDES AND BASIC PLUMBING MATERIALS AND METHODS 22 05 13.
4. PROVIDE AND INSTALL NEW TEES AT EACH GAS POINT OF CONNECTION.
5. ALL SOIL AND WASTE PIPING TO BE SLOPED @ 2% UNLESS OTHERWISE NOTED.
6. PROVIDE PIPE INSULATION TO HOT WATER, HOT WATER RETURN, AND CONDENSATE DRAIN PIPING.
7. PROVIDE COVER TO P-TRAP AND EXPOSED WATER PIPING UNDER ALL ADA SINKS.
8. PROVIDE WALL CLEANOUTS TO ALL NEW SINKS.

NATURAL GAS CALCULATION
Table with columns: EQUIPMENT, QTY, INDIVIDUAL CAPACITY (CFH), SUBTOTAL (CFH), REQUIRED PRESSURE. Includes Gas Range, Combination Oven, Clothes Dryer, Water Heater, and Total (1984 CFH).

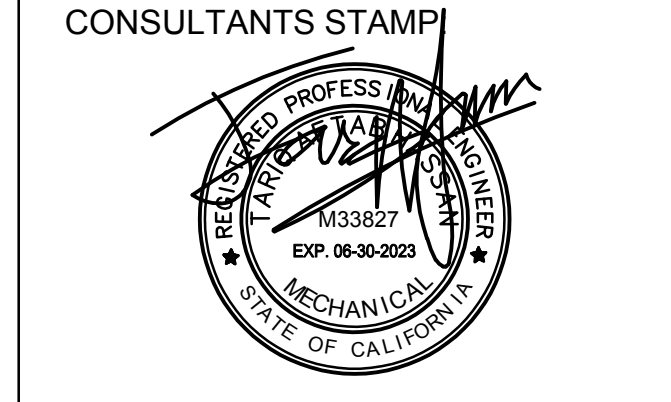
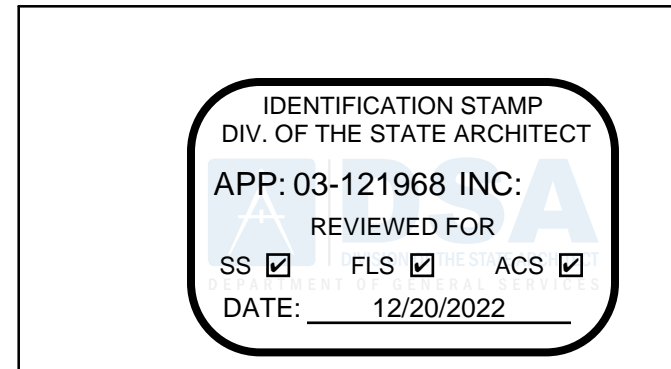
3-1/2" PIPE DIAMETER
GAS LOAD = 1984 CFH
MEASURED LENGTH = 184'-0"
TOTAL DEVELOPED LENGTH = 184' x 1.5 = 276'-0"

CPC 2019- TABLE 1215.2(1)
TOTAL DEVELOPED LENGTH FROM METER TO LAST OUTLET: 276 FEET
TOTAL GAS LOAD: 1984 CFH
PIPE MATERIAL: BLACK STEEL SCHEDULE 40
Table with columns: PIPE SIZE, CAPACITY (CFH). Lists pipe sizes from 1/2" to 4" and their corresponding capacities.

SHEET INDEX
Table with columns: SHEET NO., DESCRIPTION. Lists sheets P0.1 through P5.2 including General Notes, Plumbing Schedules, Site Plan, Overall Plan, Floor Plans, Riser Diagrams, and Details.

PLUMBING LEGEND
Table with columns: SYMBOL, ABBREV., DESCRIPTION. Lists symbols for Gas, Waste, Vents, Water, and various pipe types and connections.

Table with columns: SYMBOL, ABBREV., DESCRIPTION. Lists symbols for Above, Access Panel, Above Floor Finish, Below, Ceiling, Continuation, Down, Existing, Floor, Typical, With, Equipment Identification, Fixture & Detail Identification, Floor Cleanout, Wall Cleanout, Circulating Pump, Balancing Valve, Point of Connection.



SCHOOL DISTRICT:
BONITA UNIFIED SCHOOL DISTRICT

PROJECT:
SAN DIMAS HIGH SCHOOL CULINARY ARTS CLASSROOM MODERNIZATION

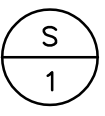
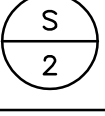
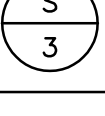
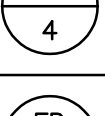
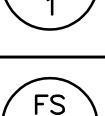
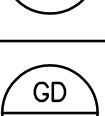
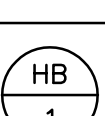

JOB NUMBER: 12.03.00
DATE: 08/25/21
REVISION: DATE:
REVISION: DATE:

DRAWING TITLE:
GENERAL NOTES, LEGEND, APPLICABLE CODES & SHEET INDEX

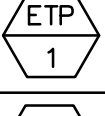
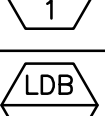

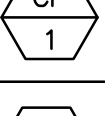
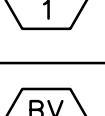


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P0.1

P:\P-2021\2021-072-00 San Dimas HS Culinary Arts Classroom Mod\10_BIM-CAD\MEP\PO.2.dwg 2/16/2022 4:14 PM Katherine M. Kifano


PLUMBING FIXTURE SCHEDULE (ROUGH-IN & CONNECT)

SYMBOL	DESCRIPTION	W	TRAP	V	CW	HW	REMARKS
	HAND SINK WALL MOUNT (ACCESSIBLE)	2"	1 1/2"	1 1/2"	3/4"	3/4"	*ADVANCE TABCO, MODEL NO. 7-PS-77-W, WITH FAUCET. 14"X16"X5", STAINLESS-STEEL TYPE 304, 16 GA., CHROME PLATED BRASS FITTINGS. DECK MOUNT SOAP DISPENSER.
	SINGLE COMPARTMENT TABLE MOUNT SINK (ACCESSIBLE) (FREE-STANDING)	2"	1 1/2"	1 1/2"	3/4"	3/4"	*ADVANCE TABCO, MODEL NO. 93-3-54-18RL, 91" LENGTH, 189 LBS., STAINLESS STEEL TYPE 304 16 GA. RIGHT SIDE SINK BOWL, BOWL 16"X20"X5" (ACCESSIBLE). PROVIDE GARBAGE DISPOSER CONNECTION.
	SINK TRIPLE-COMPARTMENT (FREE-STANDING)	2"	2"	1 1/2"	3/4"	3/4"	*ADVANCE TABCO, THREE-COMPARTMENT, TWO DRAINBOARDS, FLOOR MOUNTED, 16 GA. TYPE 304 STAINLESS STEEL, WITH CHICAGO FAUCET MODEL NO. 540-LDDJ13-372 WITH 2.2 GPM AERATOR, AND JUST MODEL NO. J35 BASKET STRAINER, CHICAGO MODEL NO. 1006 SUPPLIES AND STOPS, 17 GAUGE CP LA PATTERN "P" TRAP, ESCUTCHEON AND WALL CLEANOUT.
	SINGLE COMPARTMENT TABLE MOUNT SINK (FREE-STANDING)	2"	1 1/2"	1 1/2"	3/4"	3/4"	*ADVANCE TABCO, MODEL NO. 93-3-54-18RL, 91" LENGTH, 189 LBS., STAINLESS STEEL TYPE 304 16 GA. RIGHT SIDE SINK BOWL, BOWL 16"X20"X12" (STANDARD), 16"X20"X12". PROVIDE GARBAGE DISPOSER CONNECTION.
	FLOOR DRAIN	2"	2"	1 1/2"	1/2"TP	-	*J.R.SMITH MODEL NO. 2005-Y, DUCO CAST BODY, ROUND NICKEL-BRONZE HEEL PROOF ADJUSTABLE 6" STRAINER GRATE WITH DOUBLE DRAINAGE FLANGE, WEEP HOLES, 2" HUBLESS. PROVIDE WITH TRAP PRIMER CONNECTION.
	FLOOR SINK	2"	2"	1 1/2"	1/2"TP	-	*J.R.SMITH MODEL NO. 3100, DUCO CAST BODY, SQUARE NICKEL BRONZE TOP, 8 3/4" TOP, 3/4" GRATE, 2" HUBLESS. PROVIDE WITH TRAP PRIMER CONNECTION.
	GARBAGE DISPOSER	1 1/2"	1 1/2"	-	-	-	*IN-SINKERATOR, EVOLUTION, ESSENTIAL, 3/4 HP, 120V, 10, 60HZ WITH PLUG-IN POWER CORD.
	HOSE BIBB	-	-	-	3/4"	-	*WOODFORD MODEL B24, ANTI-SIPHON, VACUUM BREAKER, WITH ANODIZED ALUMINUM BOX.

PLUMBING EQUIPMENT SCHEDULE

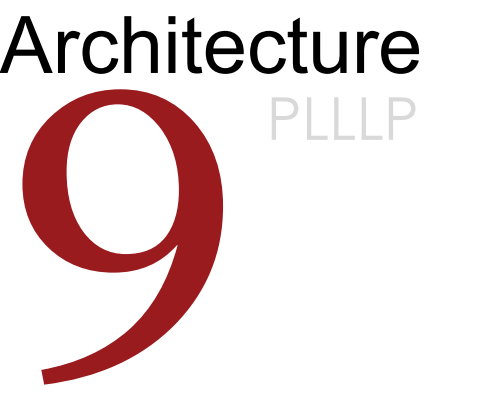
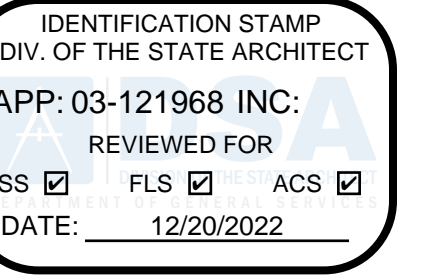
SYMBOL	DESCRIPTION	CW	HW	WASTE	VENT	REMARKS
	ELECTRONIC TRAP PRIMER	1/2"	-	-	-	PRECISION PLUMBING PRODUCTS "PPP" MODEL MPB-500-EMS-24V AS REQUIRED FOR MULTIPLE FLOOR DRAIN APPLICATIONS. TRAP PRIMER SHALL BE CONSTRUCTED OF CORROSION RESISTANT BRASS. PROVIDE AND INSTALL 1/2" COPPER PIPE TO EACH UNIT (FLOOR DRAIN, FLOOR SINK, LAUNDRY BOX), ISOLATION VALVE AND STEEL CABINET WITH ACCESS PANEL.
	ICE MACHINE BOX CONNECTION	1/2"	-	-	-	ICE MAKER CONNECTION BOX, "PPP" MODEL MM-500 PIMB, MINIMAX PLASTIC ICE MAKER WITH ARRESTOR. 17-3/4"W x 24"D x 39"H, 125 LBS.
	LAUNDRY DRAIN BOX	3/4"	3/4"	2"	1-1/2"	LAUNDRY WASHING MACHINE OUTLET BOX, "OATEY" QUADRO SERIES.
	GAS WATER HEATER	1-1/2" (IN)	1-1/2" (OUT)	-	-	*BRADFORD-WHITE, MODEL NO. ULG2100H803N, 100-GALLON CAPACITY, ULTRA-LOW NOX, 80 CFH, 72"H x 28"D, 1,257 LBS. OPERATING WEIGHT.
	HOT WATER CIRCULATING PUMP	-	3/4"	-	-	*BELL & GOSSET, MODEL NO. NBF-25, LEAD-FREE BRONZE BODY, HORIZONTAL SYSTEM, IN-LINE, 125W, 1.10A, 2950 RPM.
	EXPANSION TANK	3/4"	-	-	-	*AMTROL, MODEL NO. ST-12-DD, ASME. 6.2 GALLON VOLUME, 0.5 GALLON MAX ACCEPTANCE, 18" HIGH X 12"D. 26 LBS OPERATING WEIGHT WITH 3/4" CONNECTION. UNIT SHALL COMPLY WITH FDA REGULATIONS AND ACCEPTED BY N.S.F. PRECHARGE UNIT AND INSTALL PER MFG. RECOMMENDATIONS.
	BALANCING VALVE	3/4"	-	-	-	*CIRCUIT SOLVER, MODEL NO. CSUSF-3/4-120/170, 3/4", SET AT 120-DEGREES.

CULINARY EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	REMARKS
	GAS COOKING RANGE	*VIKING 7 SERIES, MODEL NO. VGR73626B, 6-BURNER, 122,000 BTUH TOTAL, NATURAL GAS @ 5" WC, 120 VAC/60HZ, 1.5A MAX. 36"X26", 525 LBS.

PIPE MATERIAL TABLE

SERVICE	PIPE	FITTINGS	REMARKS
DOMESTIC HOT AND COLD WATER SYSTEM	SEAMLESS COPPER TUBING, TYPE L ABOVE GROUND, DRAWN TEMPER, ASTM B88.	WROUGHT COPPER, SOLDER - JOINT, ANSI B16.22 OR CAST BRONZE ANSI B16.23, ANSI 16, 18	JOINTS: 95 - 5 (TIN AND ANTIMONY) SOLDER. ALL EXPOSED WATER PIPING AT PLUMBING FIXTURES SHALL BE CHROME PLATED. PROVIDE PIPE INSULATION WHEN EXPOSED.
WASTE AND VENT	STANDARD WEIGHT CAST IRON NO-HUB TYPE SOIL PIPE, TYLER WIDE BODY OR EQUAL.	STANDARD WEIGHT CAST IRON NO-HUB TYPE. SOIL FITTINGS WITH NEOPRENE GASKET AND STAINLESS STEEL BANDS AND SHIELD, NO-HUB	NSF LISTED
CONDENSATE DRAINAGE	SEAMLESS COPPER TUBING, TYPE L ABOVE GROUND, DRAWN TEMPER, ASTM B88.	WROUGHT COPPER, SOLDER - JOINT, ANSI B16.22 OR CAST BRONZE ANSI B16.23, ANSI 16, 18	JOINTS: 95 - 5 (TIN AND ANTIMONY) SOLDER. PROVIDE PIPE INSULATION INSIDE THE BUILDING.
NATURAL GAS	BLACKSTEEL, SCHEDULE 40	ASTM 53 FITTINGS ANSI B16.3	



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

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PROJECT:

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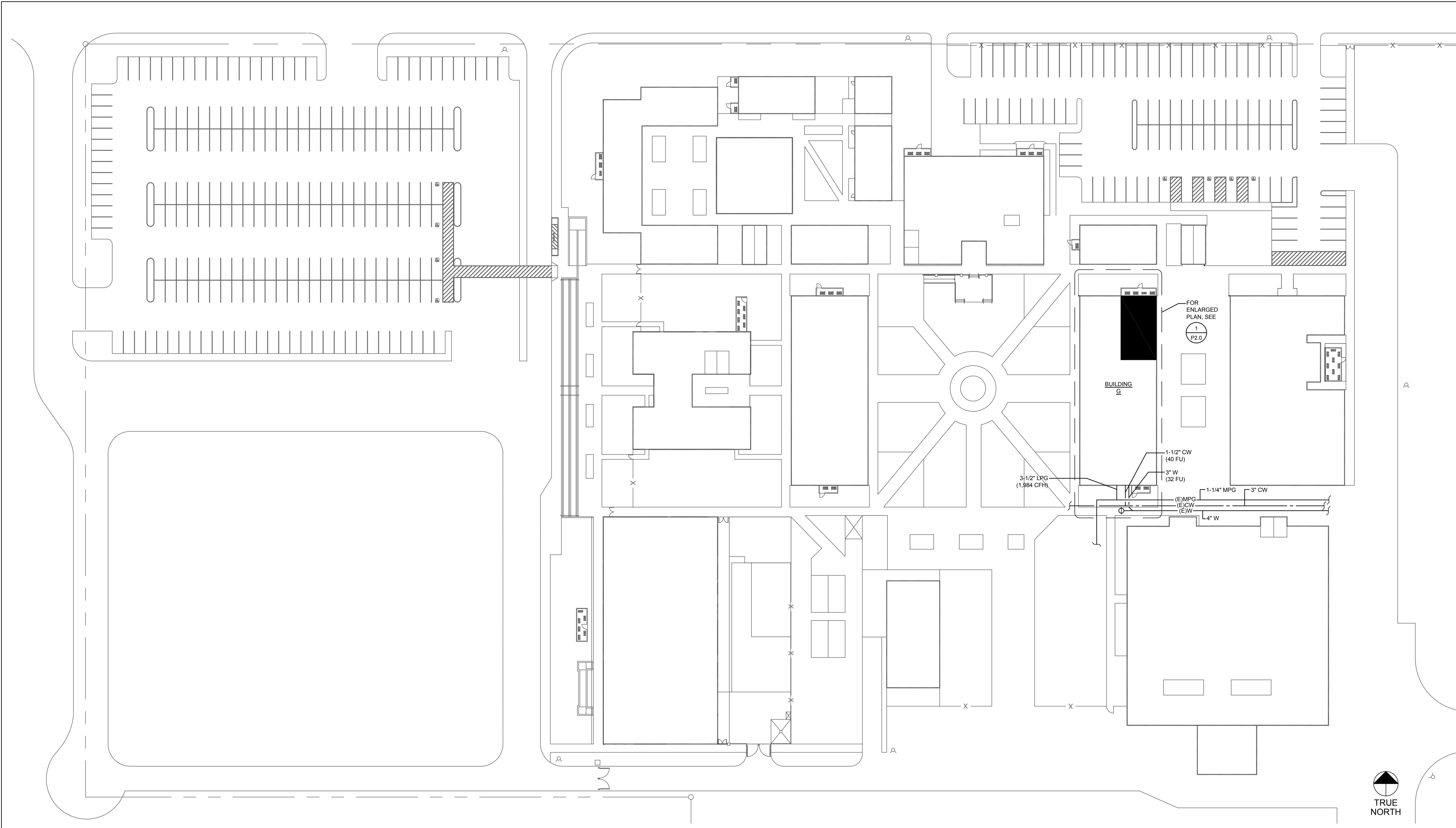
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PLUMBING SCHEDULES

DRAWING NO.:

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PLUMBING SITE PLAN

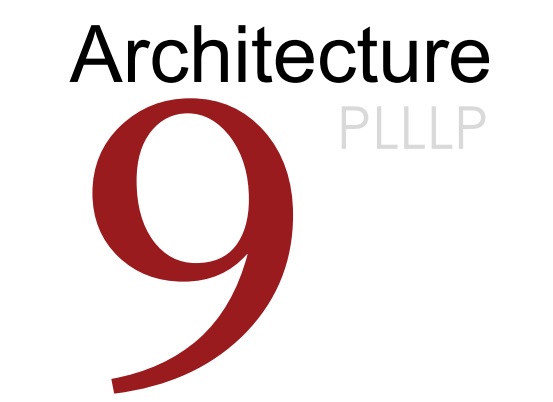
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1" = 40'-0"

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GENERAL NOTES

- EXISTING PIPE UTILITIES SHOWN ARE DIAGRAMMATICAL. CONTRACTOR TO VERIFY AND CONFIRM EXACT LOCATION AND SIZE AT THE SITE BEFORE START OF WORK.

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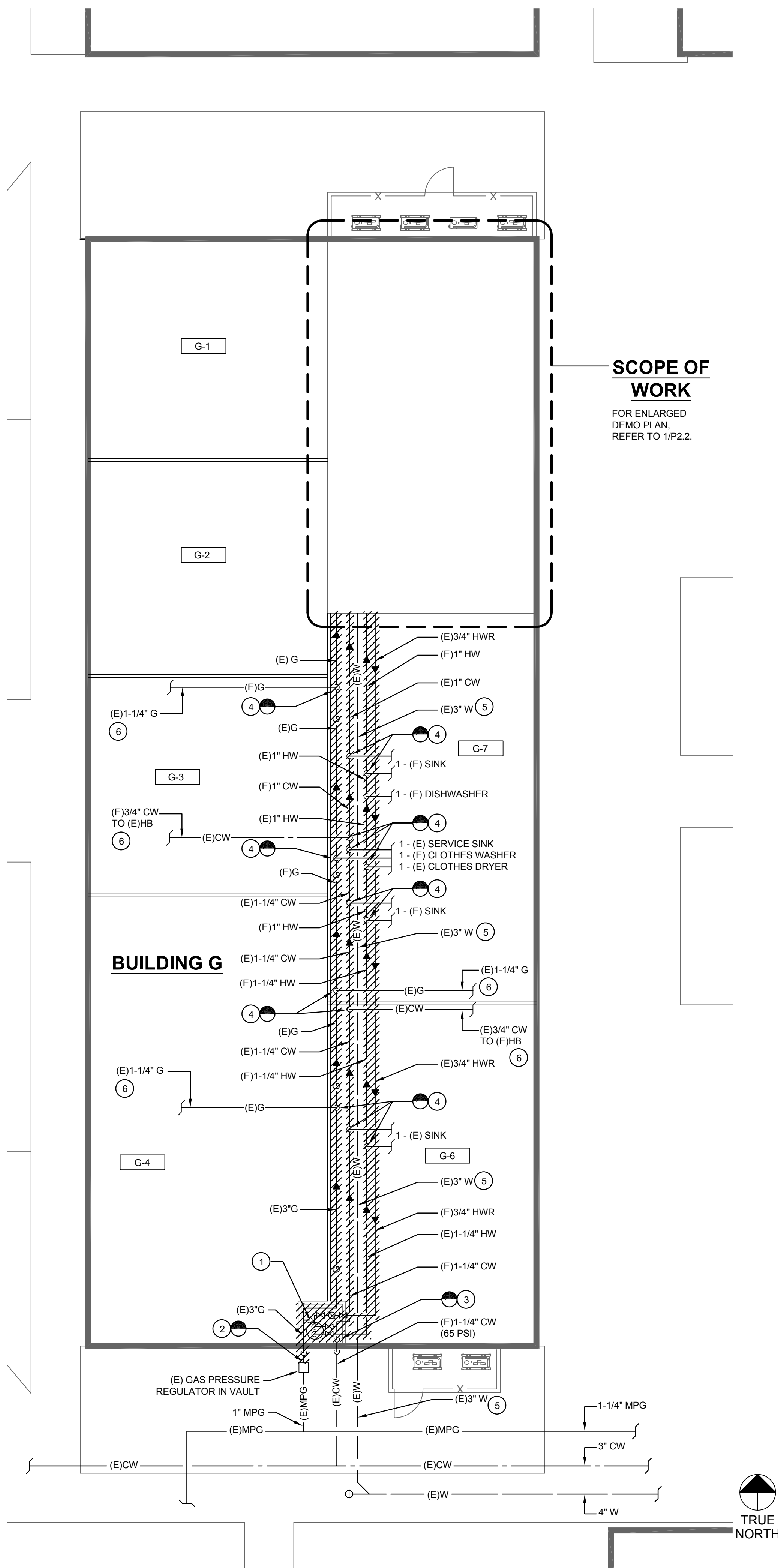
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PLUMBING SITE PLAN

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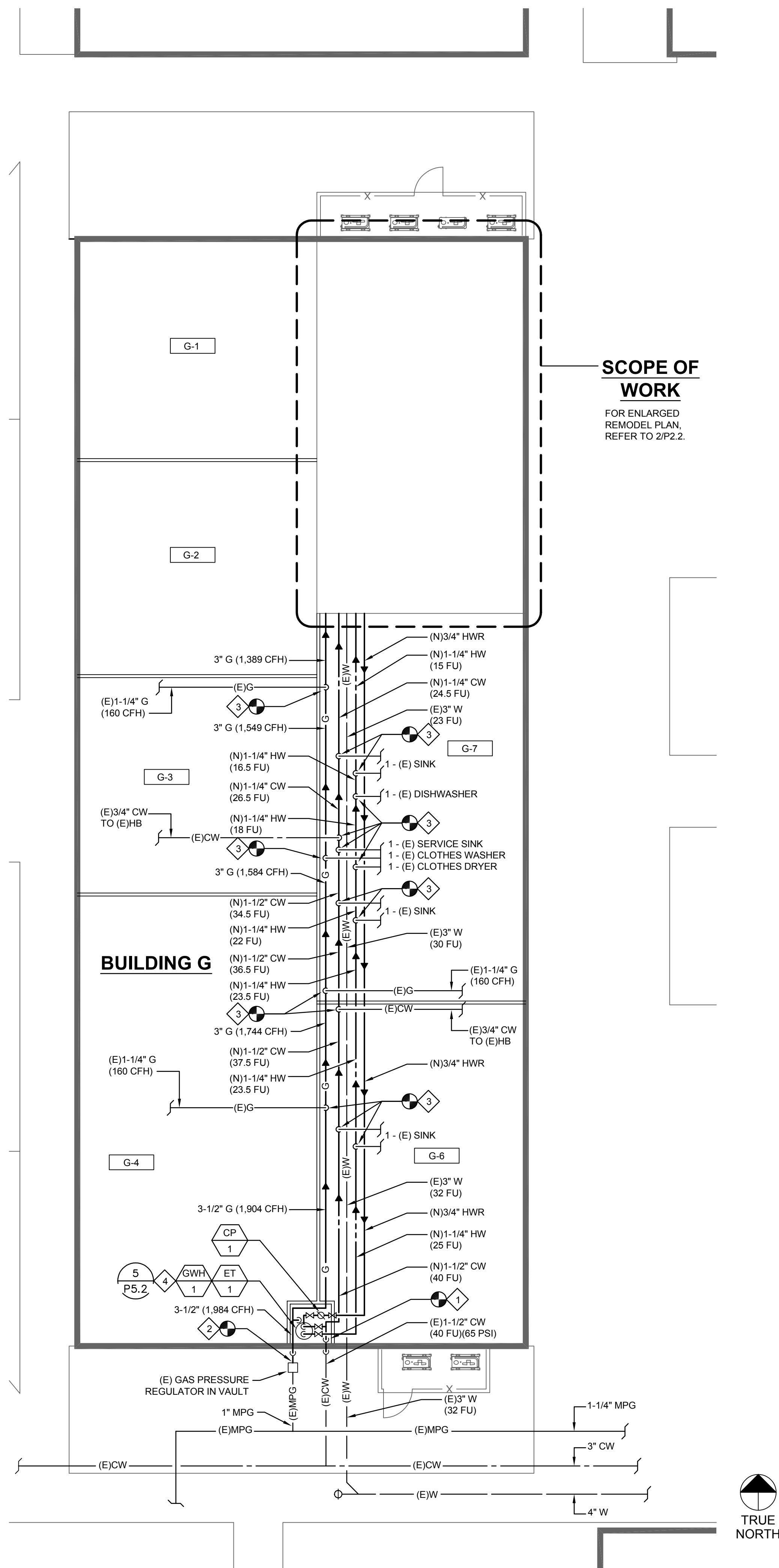
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SCOPE OF WORK
FOR ENLARGED DEMO PLAN, REFER TO 1/P2.2.

SCALE: 1" = 10'-0" **1**



SCOPE OF WORK
FOR ENLARGED REMODEL PLAN, REFER TO 2/P2.2.

SCALE: 1" = 10'-0" **2**

GENERAL NOTES

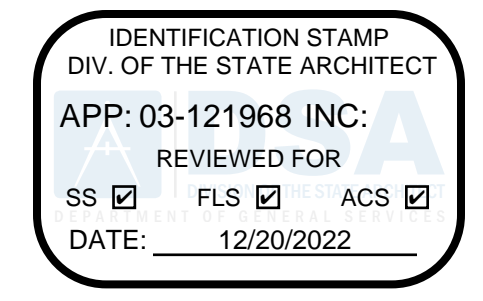
- EXISTING PIPE UTILITIES SHOWN ARE DIAGMATICAL, CONTRACTOR TO VERIFY AND CONFIRM EXACT LOCATION AND SIZE AT THE SITE BEFORE START OF WORK.
- PROVIDE NEW TRAPEZE PIPE HANGER FOR ABOVE CEILING GAS, COLD, HOT AND RETURN WATER PIPING AS REQUIRED.

DEMO KEY NOTES

- DEMOLISH EXISTING GAS WATER HEATER AND ASSOCIATED VALVES, PUMPS, FITTINGS AND PIPING. CLEAN EXISTING WATER HEATER CLOSET AND EXISTING FLOOR SINK OF DEBRIS.
- POINT OF DISCONNECTION OF EXISTING GAS PIPING BELOW GRADE.
- POINT OF DISCONNECTION OF EXISTING COLD WATER PIPING ABOVE GRADE.
- POINT OF DISCONNECTION OF EXISTING UTILITY PIPING ABOVE CEILING.
- EXISTING UNDERGROUND SANITARY WASTE PIPING TO REMAIN.
- EXISTING UTILITY PIPING ABOVE CEILING TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.

REMODEL KEY NOTES

- INCREASE DOMESTIC COLD WATER MAIN PIPE SIZE FROM 1-1/4" TO 1-1/2" CW AS SHOWN.
- INCREASE NATURAL GAS MAIN PIPE SIZE FROM 3" TO 3-1/2" FROM THE EXISTING REGULATOR. NEW PIPE SHALL DAYLIGHT AND ENTERS THE EXISTING WALL PENETRATION.
- POINT OF CONNECTION OF NEW UTILITY LINE TO EXISTING UTILITY LINE ABOVE CEILING.
- NEW T&P DRAIN FROM NEW GAS WATER HEATER SHALL DISCHARGE INTO THE EXISTING FLOOR SINK. PROVIDE WATER HEATER TANK DRAIN PAIN TO DISCHARGE INTO EXISTING FLOOR SINK.
- CONNECT NEW GAS WATER HEATER FLUE TO EXISTING BEFORE PENETRATING THE EXISTING GAS WATER HEATER CLOSET CEILING.



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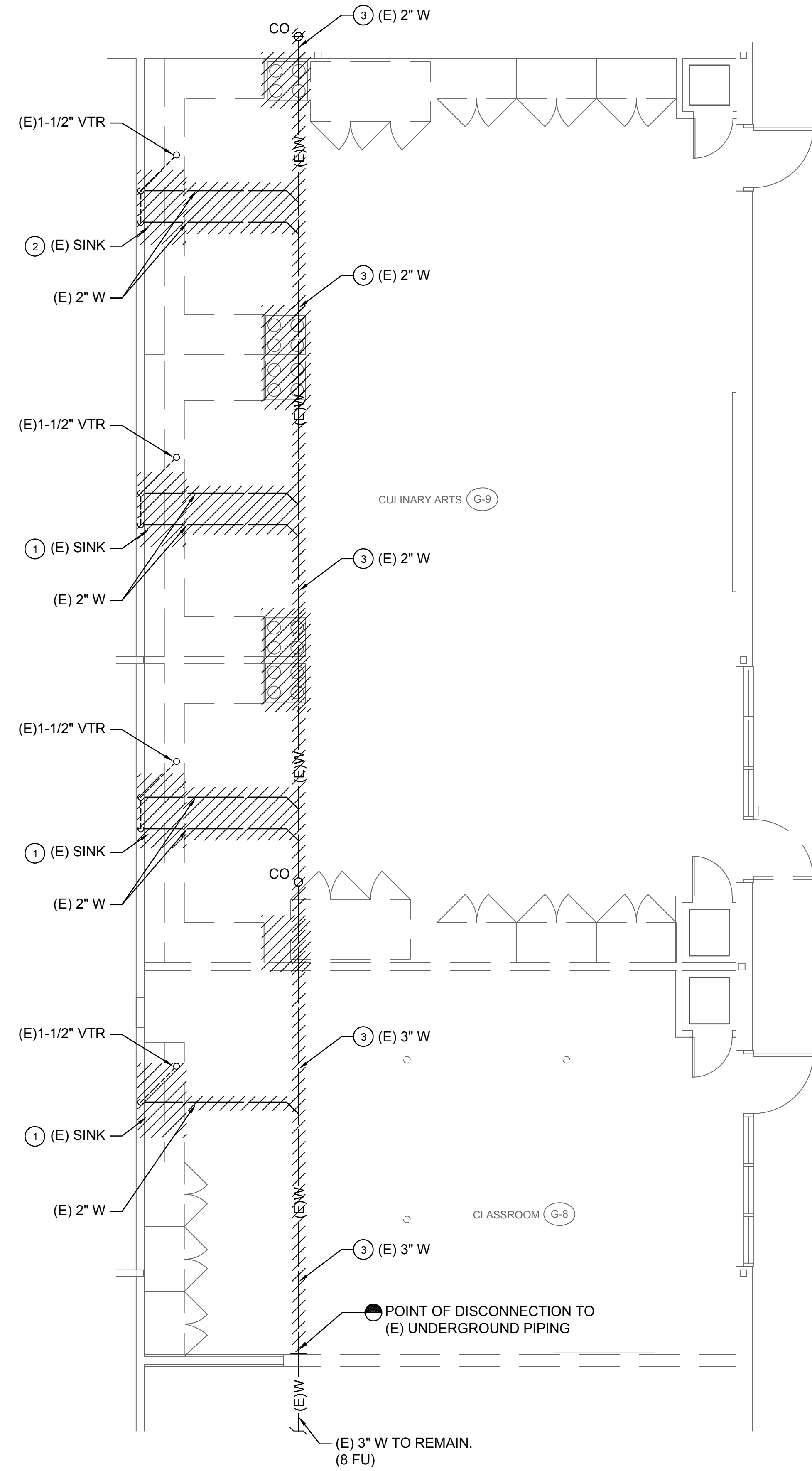
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DRAWING TITLE:
PLUMBING OVERALL PLAN

DRAWING NO.:

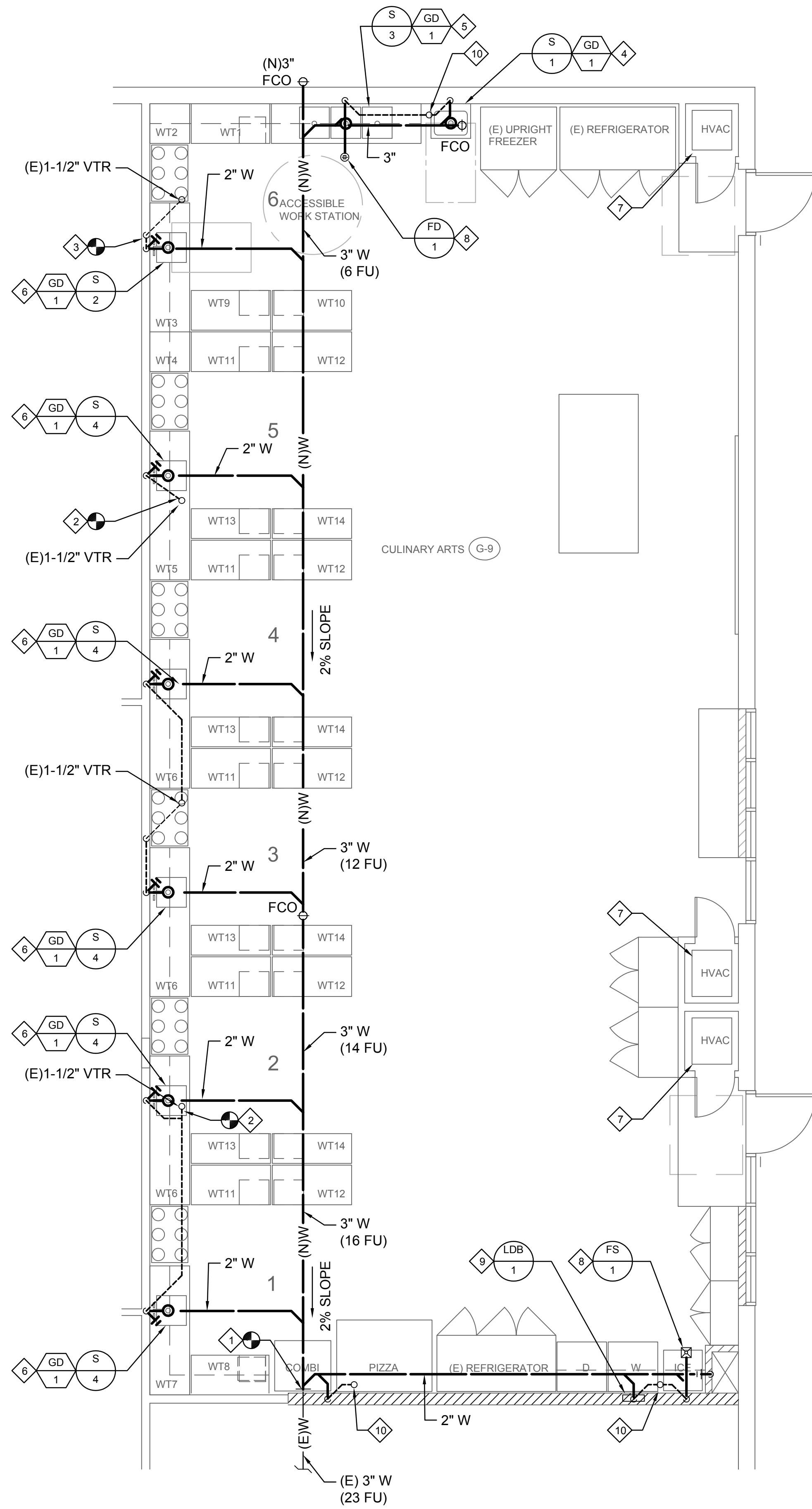
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DEMOLITION PLUMBING PLAN - SANITARY WASTE AND VENT

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



REMODEL PLUMBING PLAN - SANITARY WASTE AND VENT

SCALE: 1/4" = 1'-0" 2

GENERAL NOTES

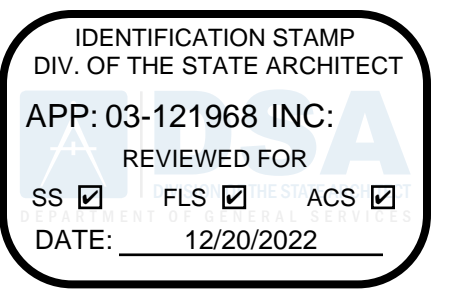
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DEMO KEY NOTES

- DISCONNECT AND DEMOLISH EXISTING SINK AND ASSOCIATED P-TRAP AND PARTIAL SANITARY WASTE AND VENT PIPING IN WALL. CAP EXISTING SANITARY WASTE AND VENT PERMANENTLY.
- DISCONNECT AND DEMOLISH EXISTING SINK AND ASSOCIATED P-TRAP AND PARTIAL SANITARY WASTE AND VENT PIPING IN WALL. CAP EXISTING SANITARY WASTE AND VENT TEMPORARILY FOR FUTURE ROUGH-IN.
- EXISTING UNDERGROUND 2" SANITARY WASTE PIPING TO BE EXCAVATED, DISCONNECTED AND DEMOLISHED. PREPARE TRENCHING FOR FUTURE RECONNECTION.

REMODEL KEY NOTES

- POINT OF CONNECTION TO EXISTING SANITARY WASTE PIPING BELOW SLAB.
- POINT OF CONNECTION TO EXISTING SANITARY VENT RISER ABOVE CEILING.
- POINT OF CONNECTION TO EXISTING SANITARY WASTE PIPING INSIDE WALL.
- PROVIDE 2" W, 3/4" CW, AND 1-1/2" V UP TO NEW WALL HUNG SINK. PROVIDE WALL CLEANOUT.
- PROVIDE 2" W TO DISCHARGE INTO FLOOR SINK (FS-1), 3/4" CW, AND 1-1/2" V UP TO NEW 3-COMPARTMENT SINK. PROVIDE WALL CLEANOUT.
- PROVIDE 2" W, 3/4" CW, AND 1-1/2" V UP TO NEW DECK STAND-ALONE SINK. PROVIDE WALL CLEANOUT. INSTALL FOOD GRINDER BENEATH SINK. PROVIDE WALL CLEANOUT.
- EXTEND AND RECONNECT NEW AC UNIT 3/4" CONDENSATE DRAIN TO EXISTING 3/4" CONDENSATE DRAIN LINE.
- PROVIDE 2" W, 1/2" TP, AND 1-1/2" V UP TO NEW FLOOR DRAIN.
- PROVIDE 2" W AND 1-1/2" V UP TO NEW LAUNDRY DRAIN BOX.
- PROVIDE 2" VENT THROUGH ROOF.



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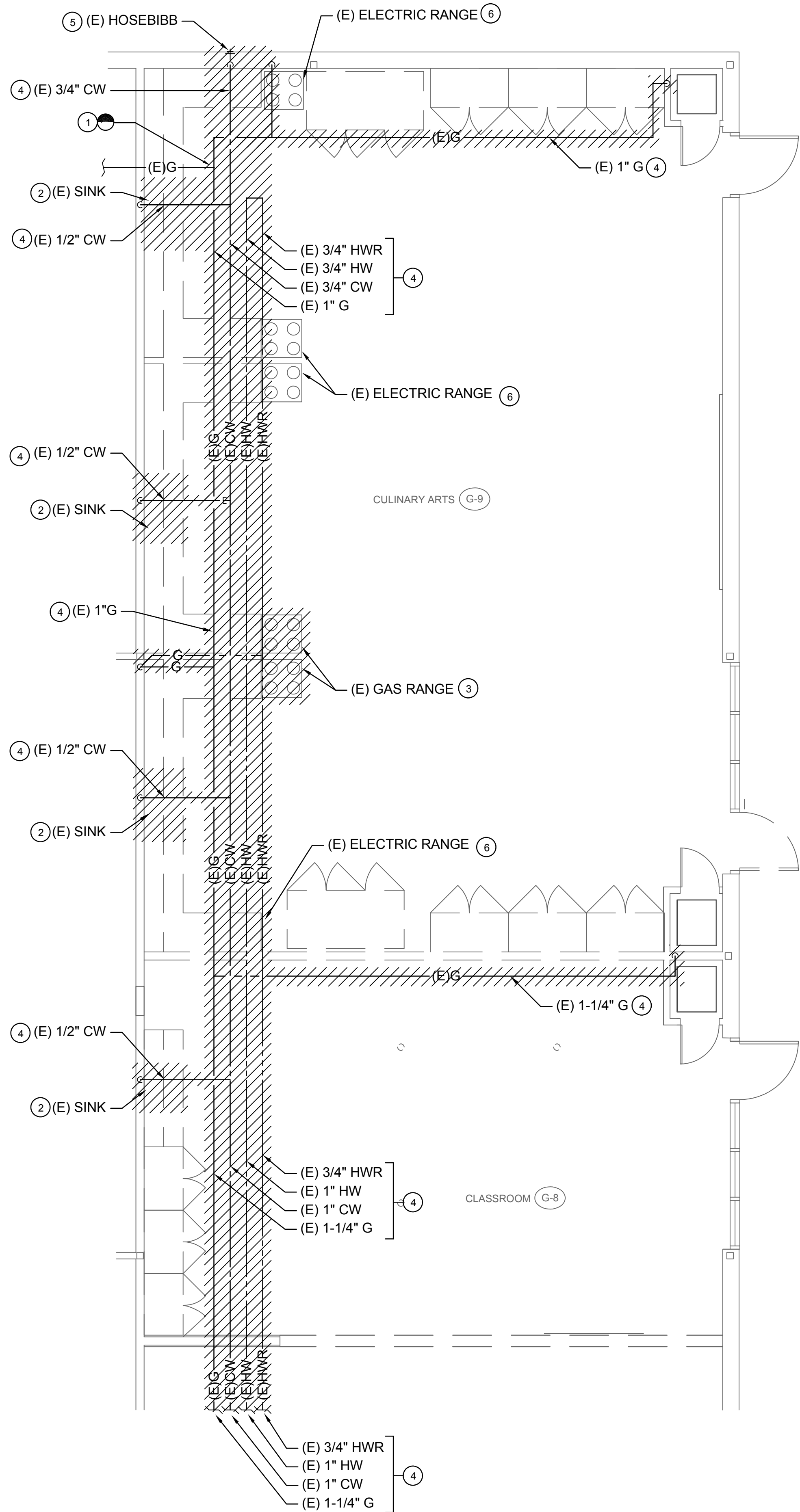
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DEMO & REMODEL PLUMBING FLOOR PLANS-WASTE/VENT

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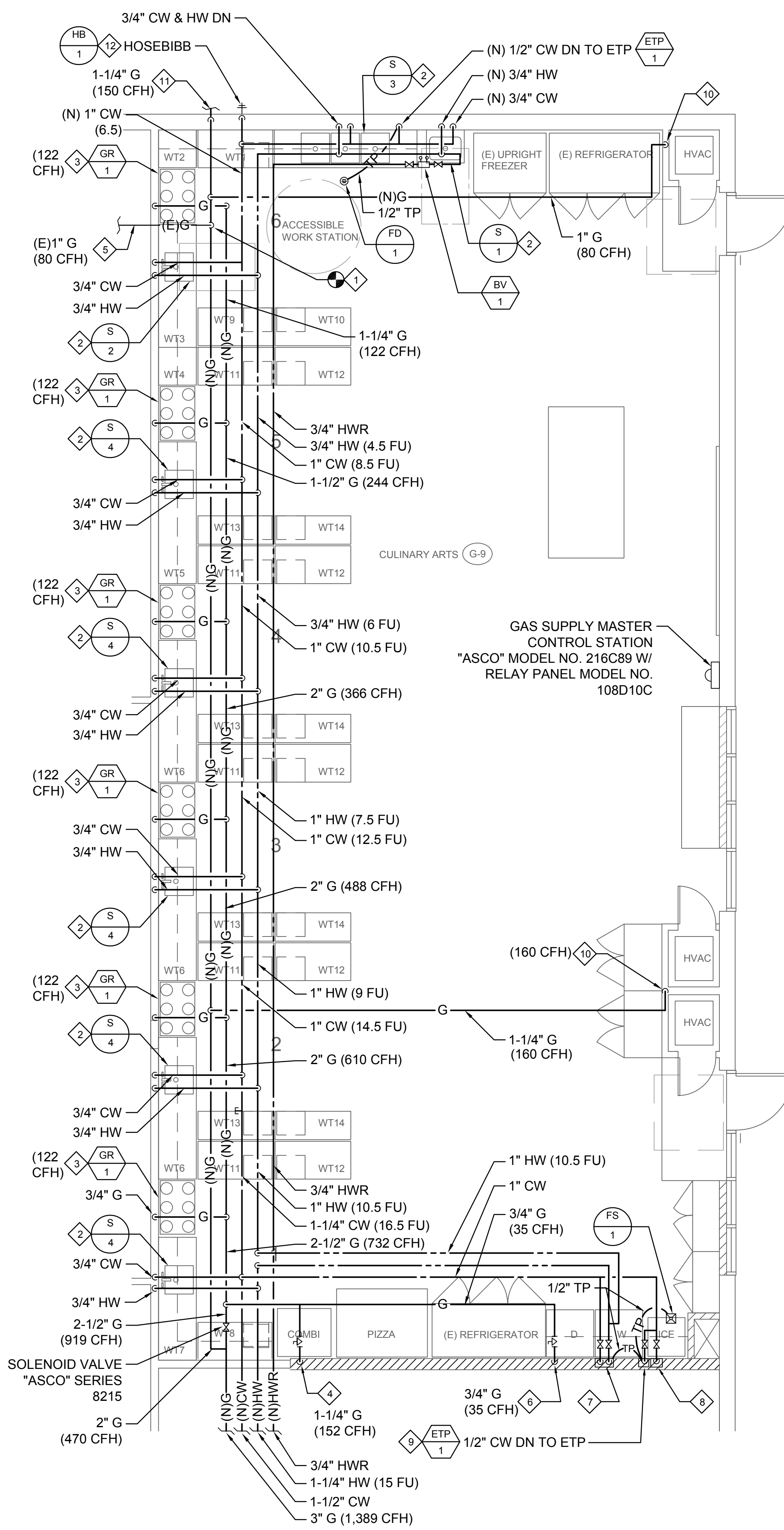
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DEMOLITION PLUMBING PLAN - DOMESTIC WATER AND GAS

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



REMODEL PLUMBING PLAN - DOMESTIC WATER AND GAS

SCALE: 1/4" = 1'-0" 2

GENERAL NOTES

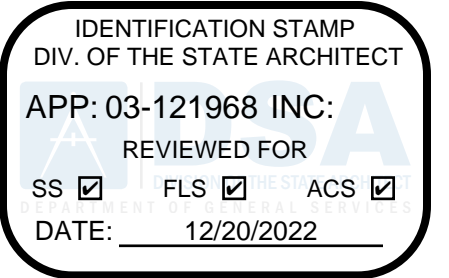
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DEMO KEY NOTES

- POINT OF DISCONNECTION TO EXISTING UTILITY LINE ABOVE CEILING. CAP SERVICES TEMPORARILY FOR FUTURE RECONNECTION TO NEW SYSTEM.
- EXISTING FIXTURE TO BE DISCONNECTED AND DEMOLISHED. CAP EXISTING WATER LINE PERMANENTLY ABOVE CEILING.
- EXISTING GAS RANGE TO BE DISCONNECTED AND DEMOLISHED. DEMOLISH EXISTING GAS PIPING UP TO CEILING POINT OF DISCONNECTION.
- EXISTING UTILITY PIPING AND ASSOCIATED FITTINGS AND HANGERS TO BE DEMOLISHED.
- EXISTING HOSE BIBB AND ASSOCIATED PIPING IN WALL TO BE DEMOLISHED.
- EXISTING ELECTRIC COOKING RANGE TO BE DEMOLISHED.

REMODEL KEY NOTES

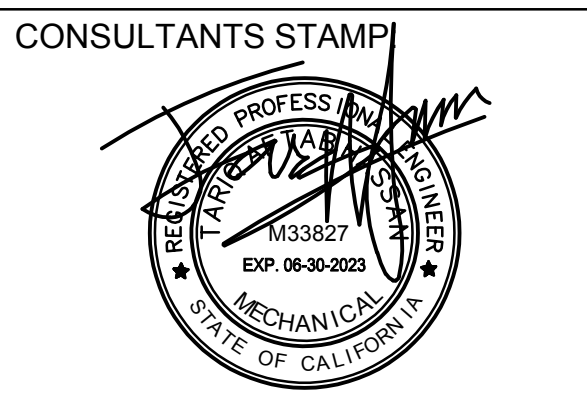
- POINT OF CONNECTION OF EXISTING UTILITY LINE TO NEW LINE ABOVE CEILING.
- PROVIDE NEW 3/4" CW AND HW TO NEW SINK WITH SHUT-OFF VALVE.
- PROVIDE NEW 1-1/4" GAS SERVICE LINE WITH S.O.C. AND FLEXIBLE CONNECTION TO NEW GAS RANGE.
- PROVIDE NEW 1-1/4" GAS SERVICE LINE WITH S.O.C. AND FLEXIBLE CONNECTION TO NEW COMBINATION OVEN.
- RECONNECT EXISTING 1" GAS SUPPLY FROM EXISTING FAU UNIT.
- PROVIDE NEW 3/4" GAS SERVICE LINE WITH S.O.C. AND FLEXIBLE CONNECTION TO NEW CLOTHES DRYER.
- PROVIDE NEW 3/4" CW AND HW WITH SHUT-OFF VALVE AND FLEXIBLE CONNECTION TO NEW CLOTHES WASHER.
- PROVIDE NEW 1/2" CW WITH SHUT-OFF VALVE AND FLEXIBLE CONNECTION TO NEW ICE MACHINE.
- MOUNT ETP-1 1'-6" ABOVE THE LAUNDRY DRAIN BOX P-TRAP AND CONNECT 1/2" COLD WATER TRAP PRIMING LINE TO LAUNDRY DRAIN BOX P-TRAP. RUN PIPING IN WALL. CONNECT ANOTHER 1/2" LINE TO NEW FLOOR DRAIN.
- NEW 1" GAS SUPPLY TO NEW AC UNIT. COORDINATE WITH MECHANICAL DRAWINGS. PROVIDE NEW LINE-SIZED GAS SHUT-OFF COCK AND FLEXIBLE CONNECTION.
- NEW 1-1/4" GAS PIPE SERVICE TO NEW MUA UNIT AT THE EXTERIOR OF THE BUILDING. PROVIDE LINE-SIZE GAS SHUT-OFF COCK AND FLEXIBLE CONNECTION.
- PROVIDE NEW 3/4" CW DOWN TO NEW HOSE BIBB.



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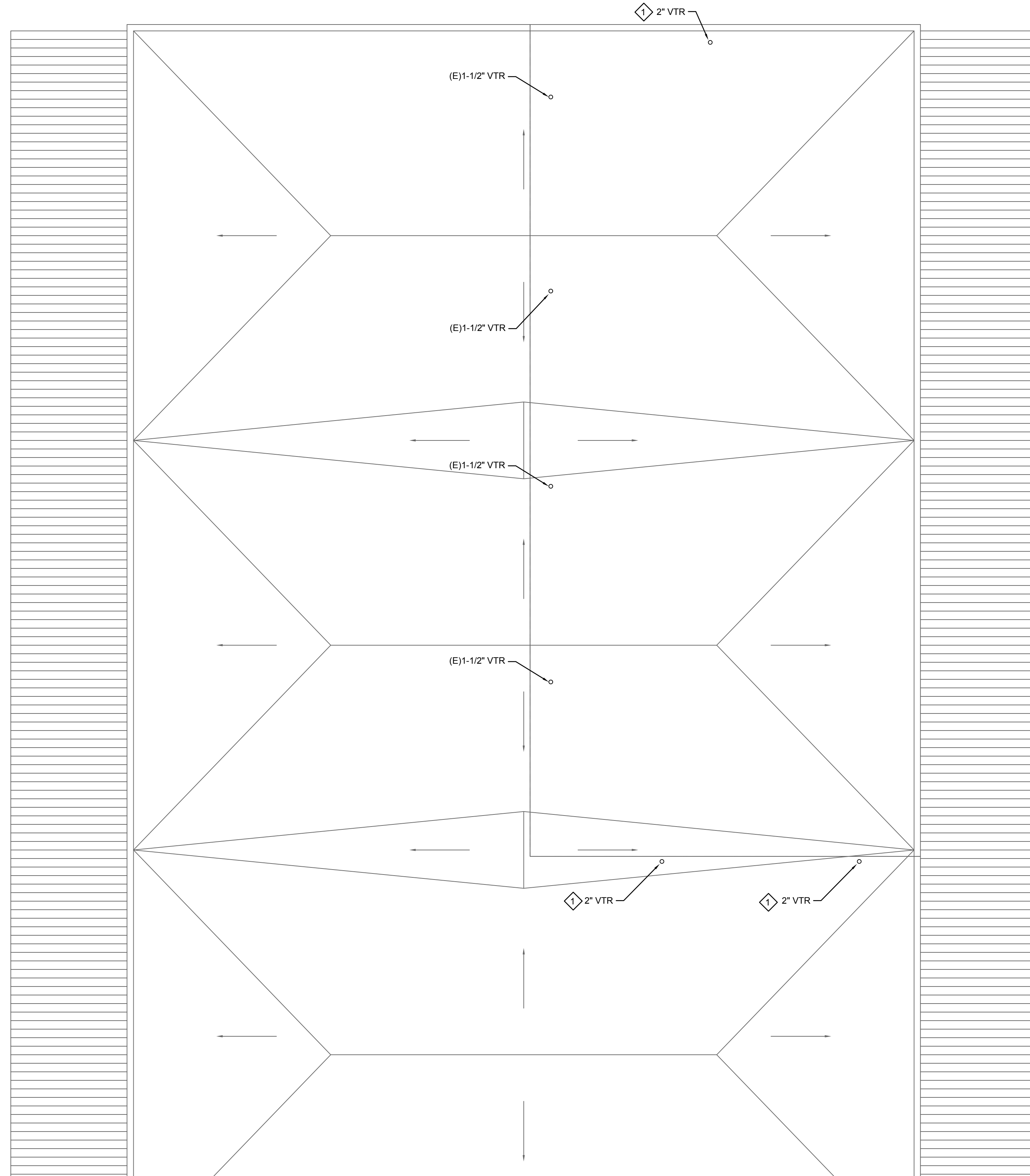
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DEMO & REMODEL PLUMBING FLOOR PLANS-WATER/GAS

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PLUMBING ROOF PLAN

SCALE:
3/16" = 1'-0"

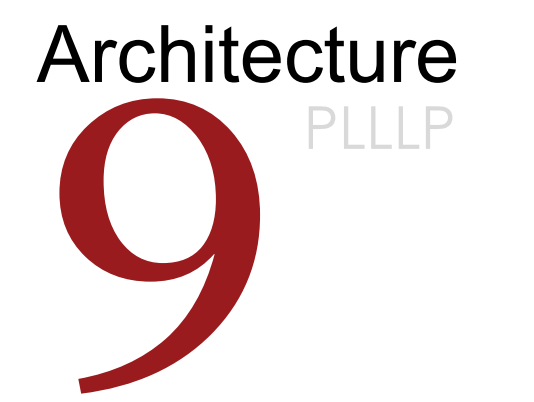
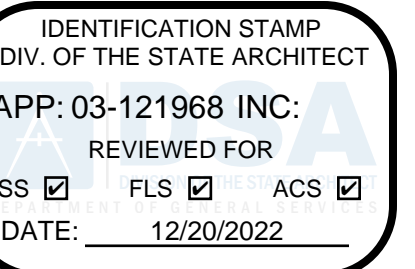
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GENERAL NOTES

1. ALL PLUMBING WORK SHALL COMPLY WITH CURRENT AND APPLICABLE SCHOOL DISTRICT SPECIFICATIONS, CODES AND SCHOOL DESIGN GUIDES AND BASIC PLUMBING MATERIALS AND METHODS 22 05 13.

REMODEL KEY NOTES

① VENT THROUGH ROOF. SEE DETAIL 1/P5.2.



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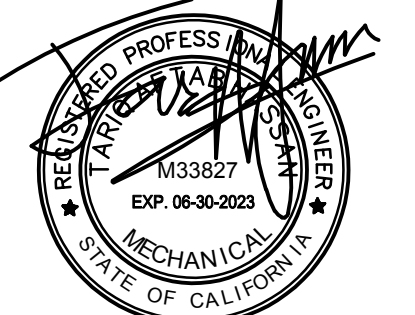


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CLASSROOM
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**PLUMBING ROOF
PLAN**

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 T. 626.650.0350 F. 626.650.0352
 www.pbsengineers.com Job no. 2021-072-00

CONSULTANTS STAMP:



SCHOOL DISTRICT:

**BONITA UNIFIED
 SCHOOL DISTRICT**

PROJECT:

**SAN DIMAS
 HIGH SCHOOL
 CULINARY ARTS
 CLASSROOM
 MODERNIZATION**

JOB NUMBER: 12.03.00
 DATE: 08/25/21

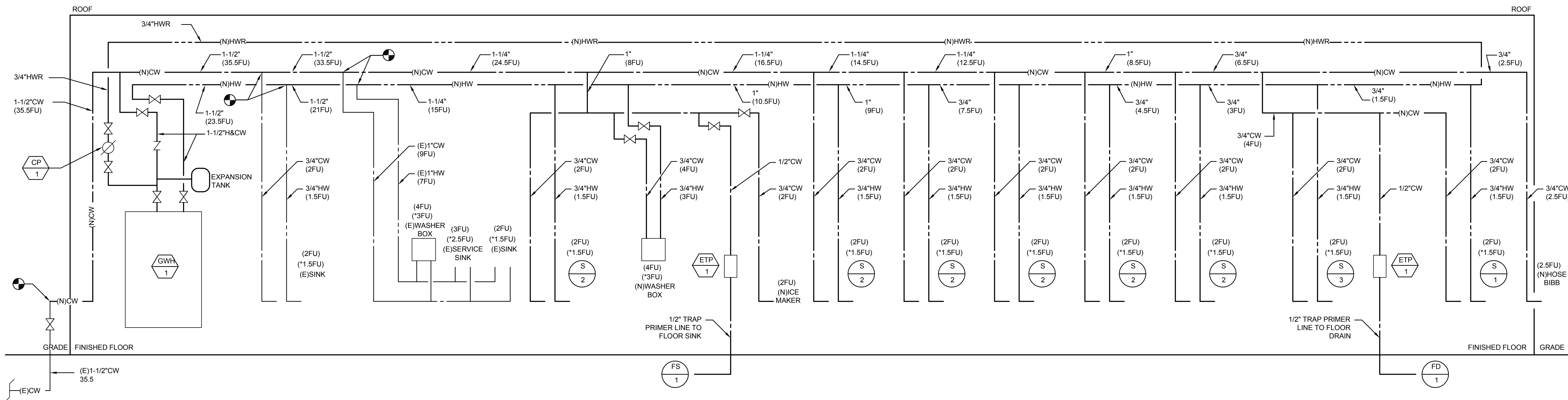
REVISION: Δ DATE: _____
 REVISION: Δ DATE: _____

DRAWING TITLE:
**PLUMBING RISER
 DIAGRAMS**

DRAWING NO.:

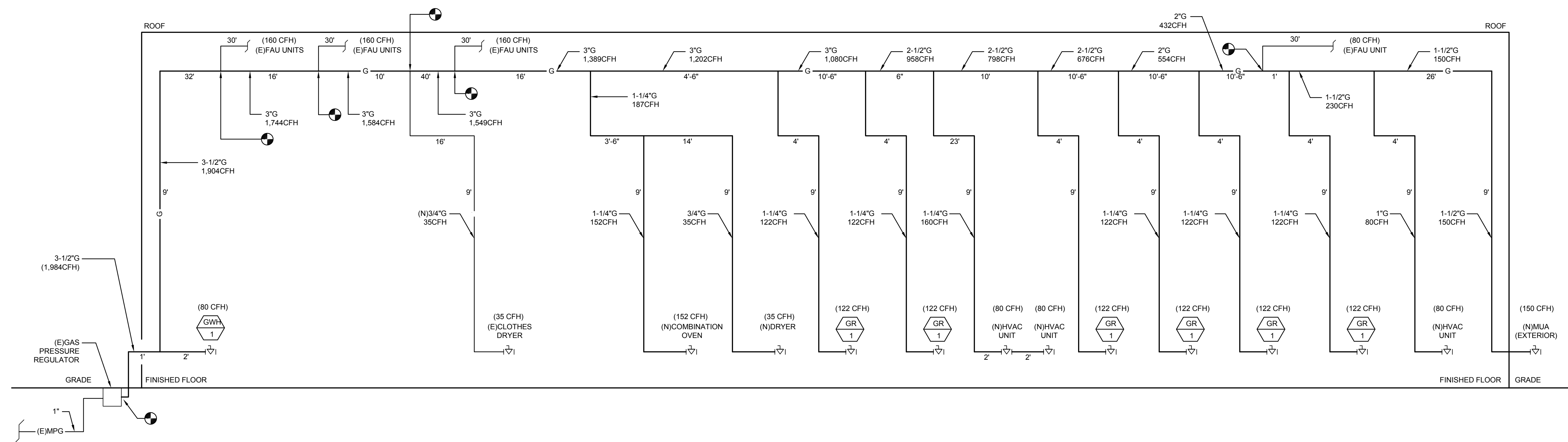
P4.0

NOTE:
 -NO. IN () REPRESENTS WATER FIXTURE UNIT VALUE.
 -FIXTURE UNIT VALUE WITH * REPRESENTS VALUE FOR HOT WATER.



HOT AND COLD WATER RISER DIAGRAMS

NOT TO SCALE **1**



GAS RISER DIAGRAM

NOT TO SCALE **2**

P:\P-2021\2021-072-00 San Dimas HS Culinary Arts-Classroom Mod\10_BIM-CAD\MEP\4_1.dwg 2/15/2022 1:34 PM Katherine M. Wilson

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 DIV. OF THE STATE ARCHITECT
 APP: 03-121968 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 12/20/2022

Architecture
 PLLLP
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8816 Foothill Boulevard, Suite 103-224
 Rancho Cucamonga, CA. 91730
 a9contact@architecture9.com

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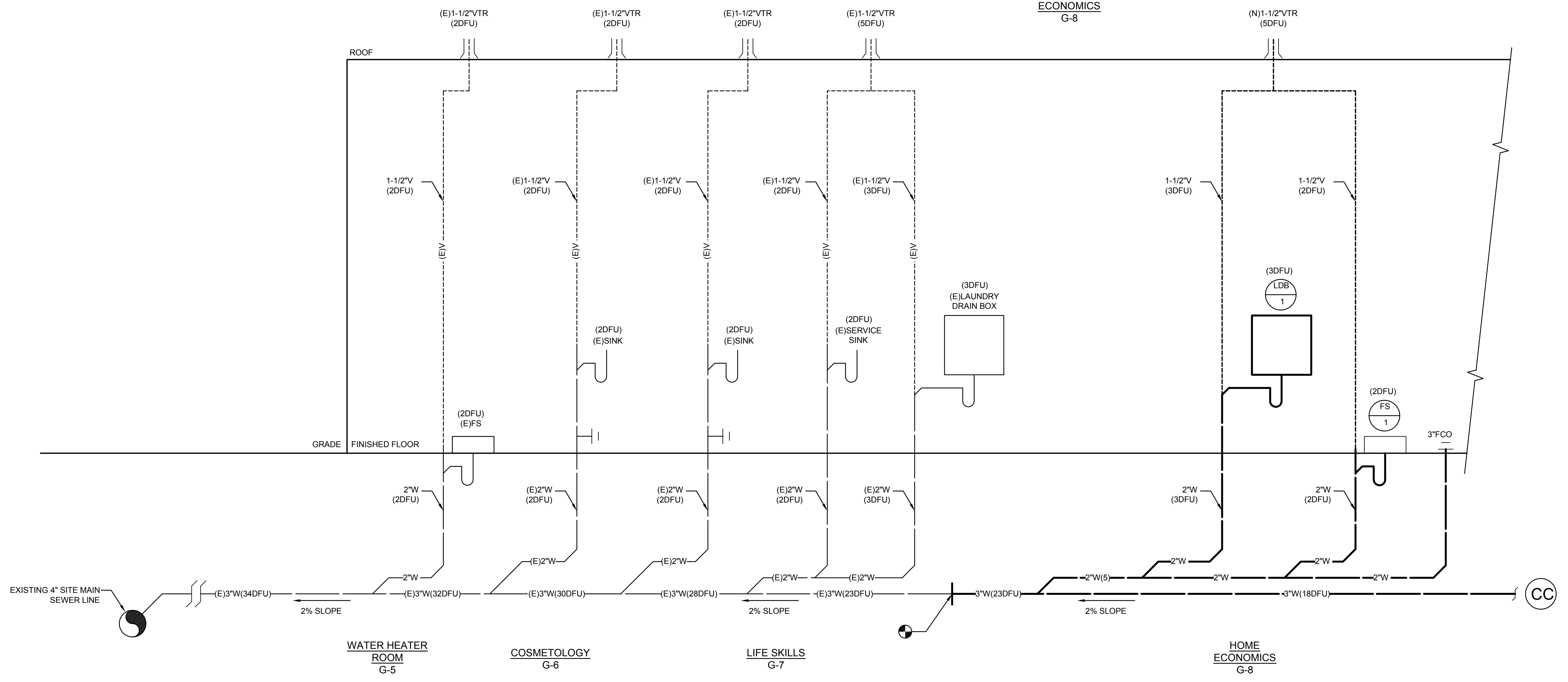
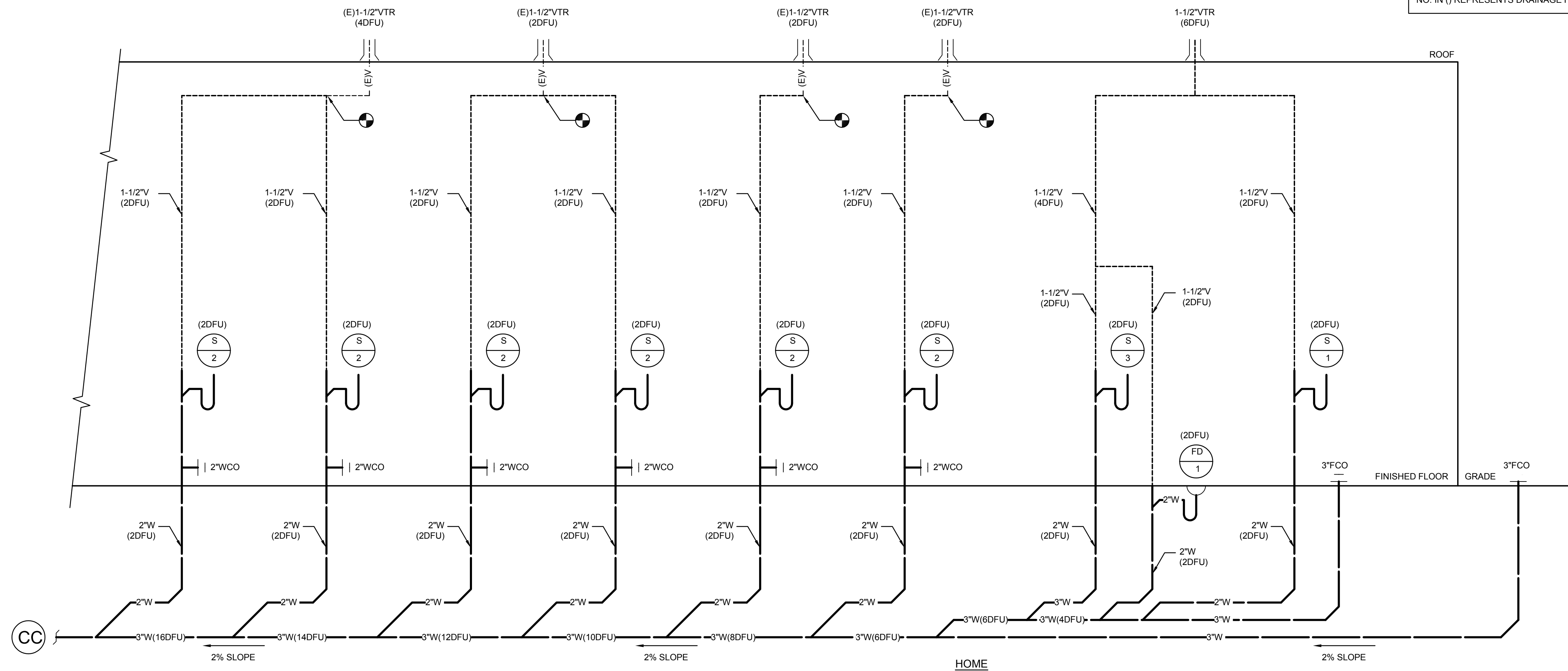
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**PLUMBING RISER
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DRAWING NO.:

P4.1

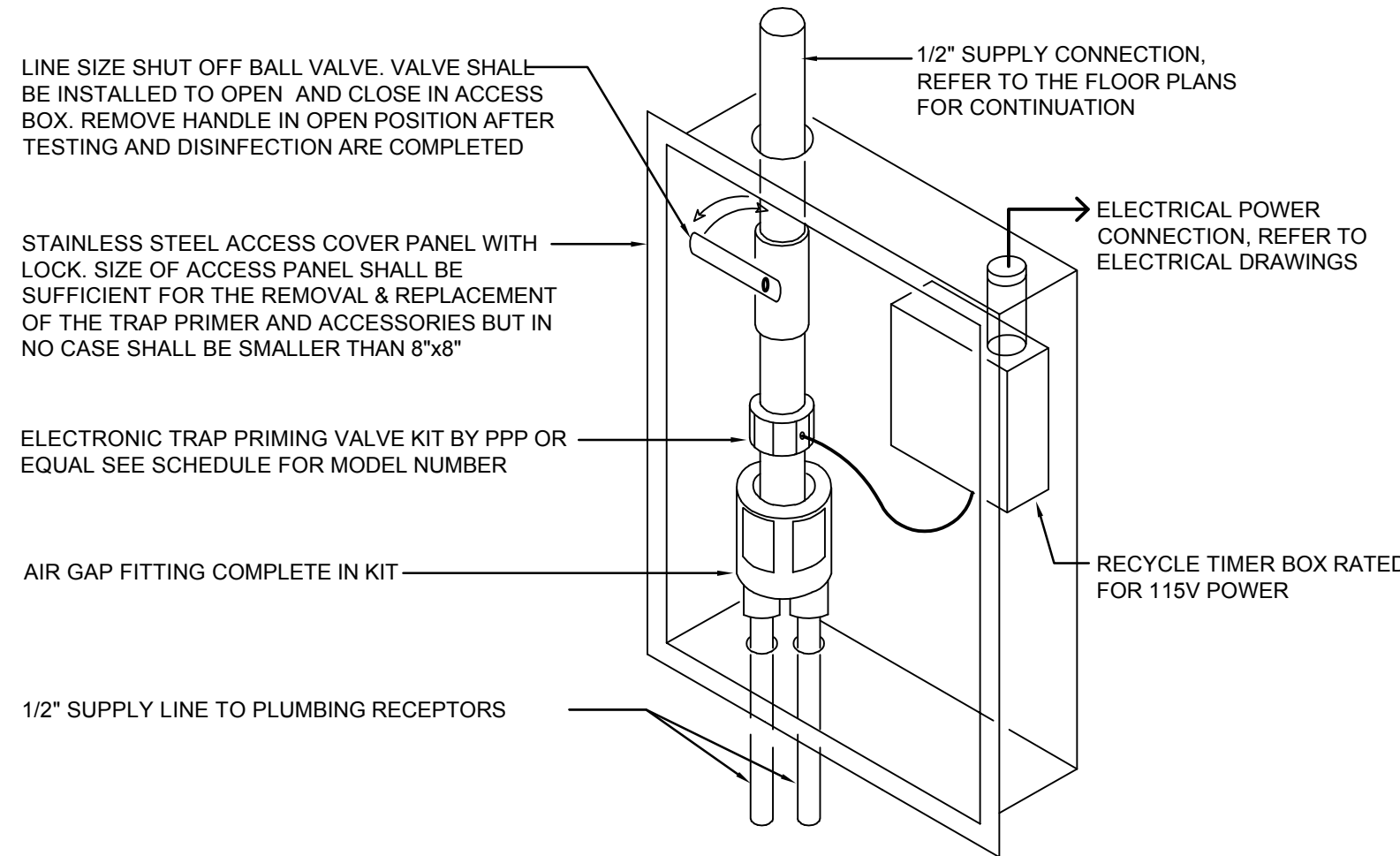
NOTE:
 NO. IN () REPRESENTS DRAINAGE FIXTURE UNIT VALUE.



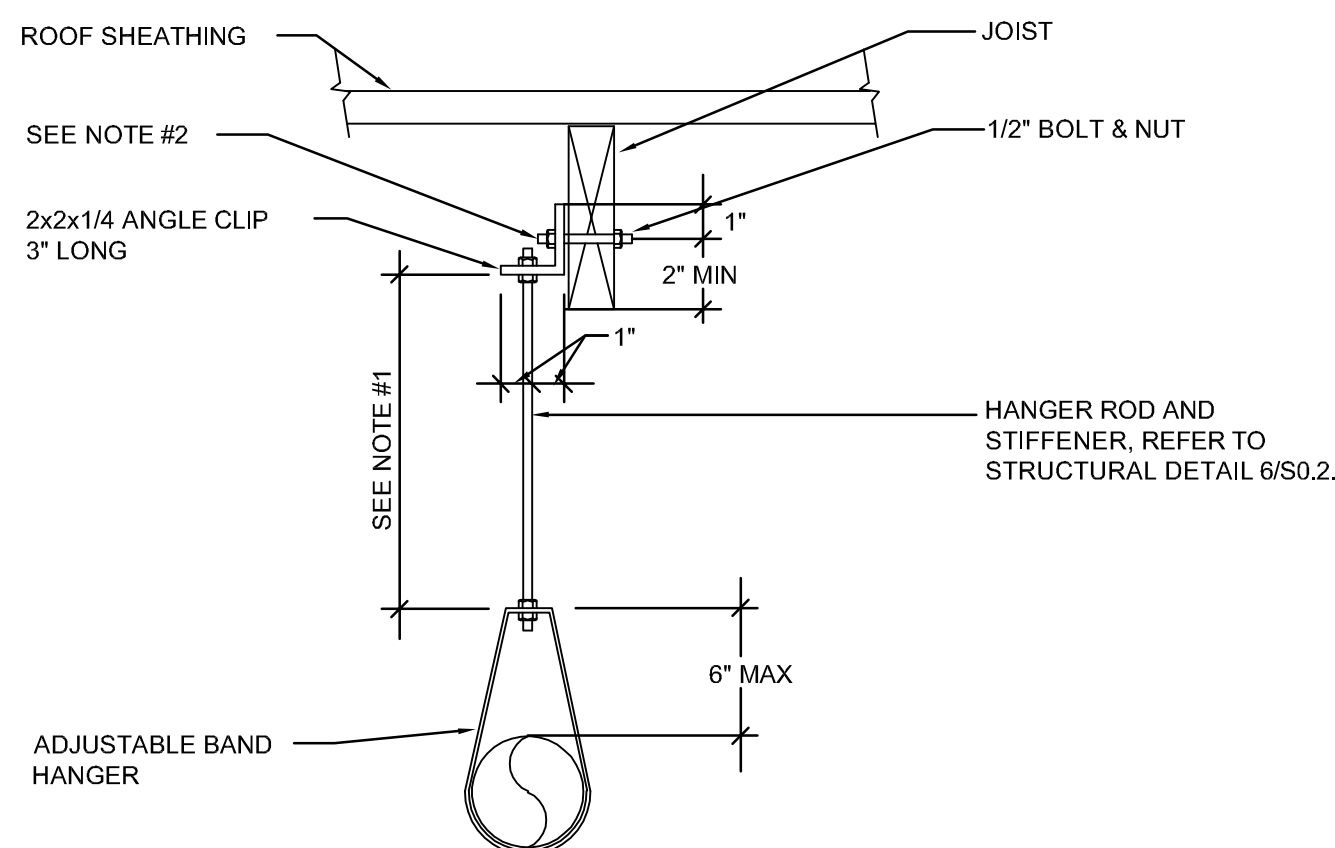
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WASTE AND VENT RISER DIAGRAM

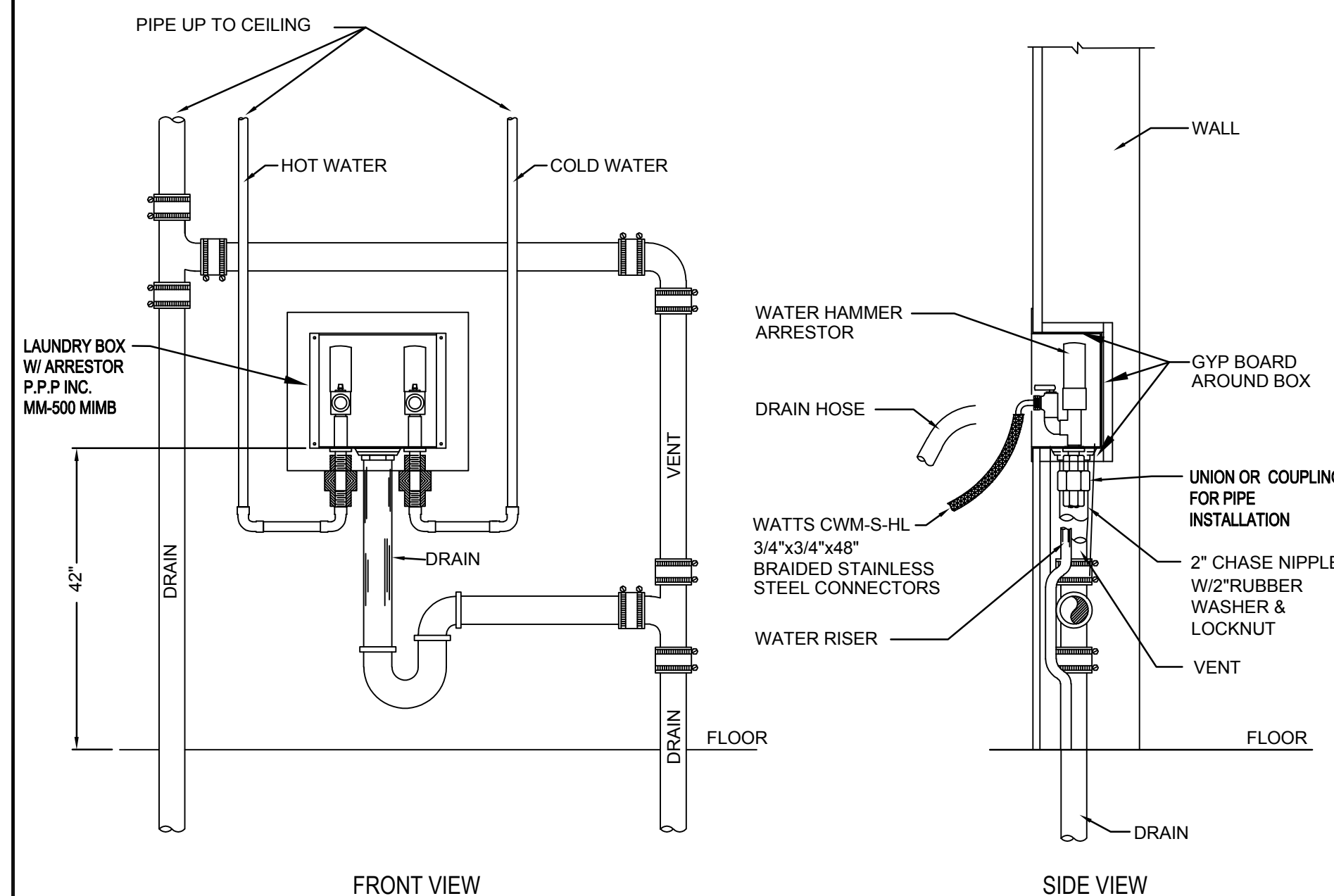
NOT TO SCALE 1



NOTE:
GROUP VALVES AND SIMILAR EQUIPMENT IN COMMON ACCESS PANELS WHEN APPLICABLE. ALL ITEMS SHALL BE FULLY OPERATIONAL AND SERVICEABLE.



NOTE:
1. NO BRACING REQUIRED IF PIPING SUSPENDED 12 INCHES OR LESS IN LENGTH.
2. THE LOCATION OF THE THRU BOLT SHALL BE A MINIMUM OF 1 INCH ABOVE THE MID-POINT OF THE BEAM.
3. MAXIMUM LOAD: 50 LBS.



FRONT VIEW

SIDE VIEW

ELECTRONIC TRAP PRIMER - ETP-1

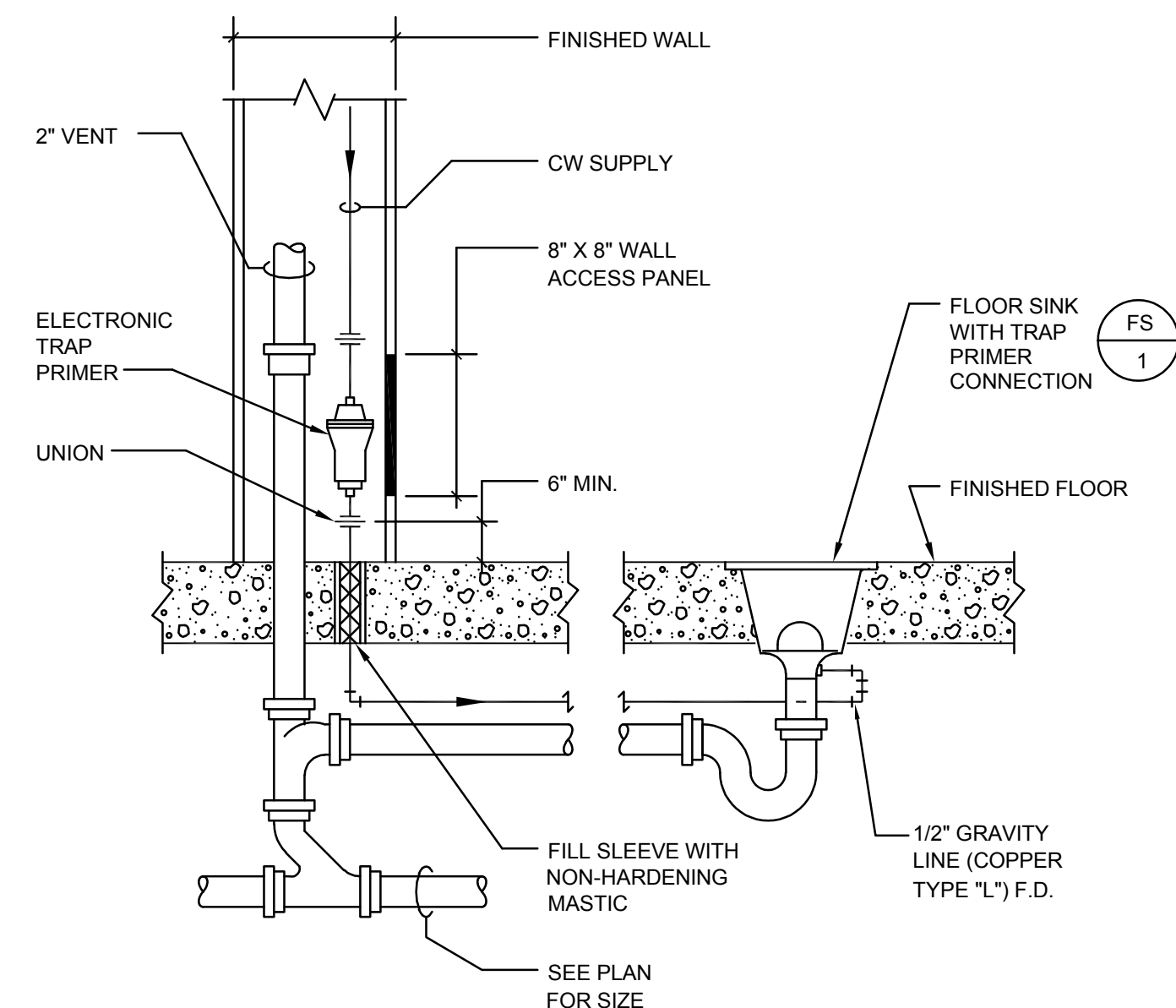
NOT TO SCALE 7

PIPE HANGER DETAIL

NOT TO SCALE 4

TYPICAL CLOTHES WASHER INSTALLATION

NOT TO SCALE 1



FLOOR SINK DETAIL

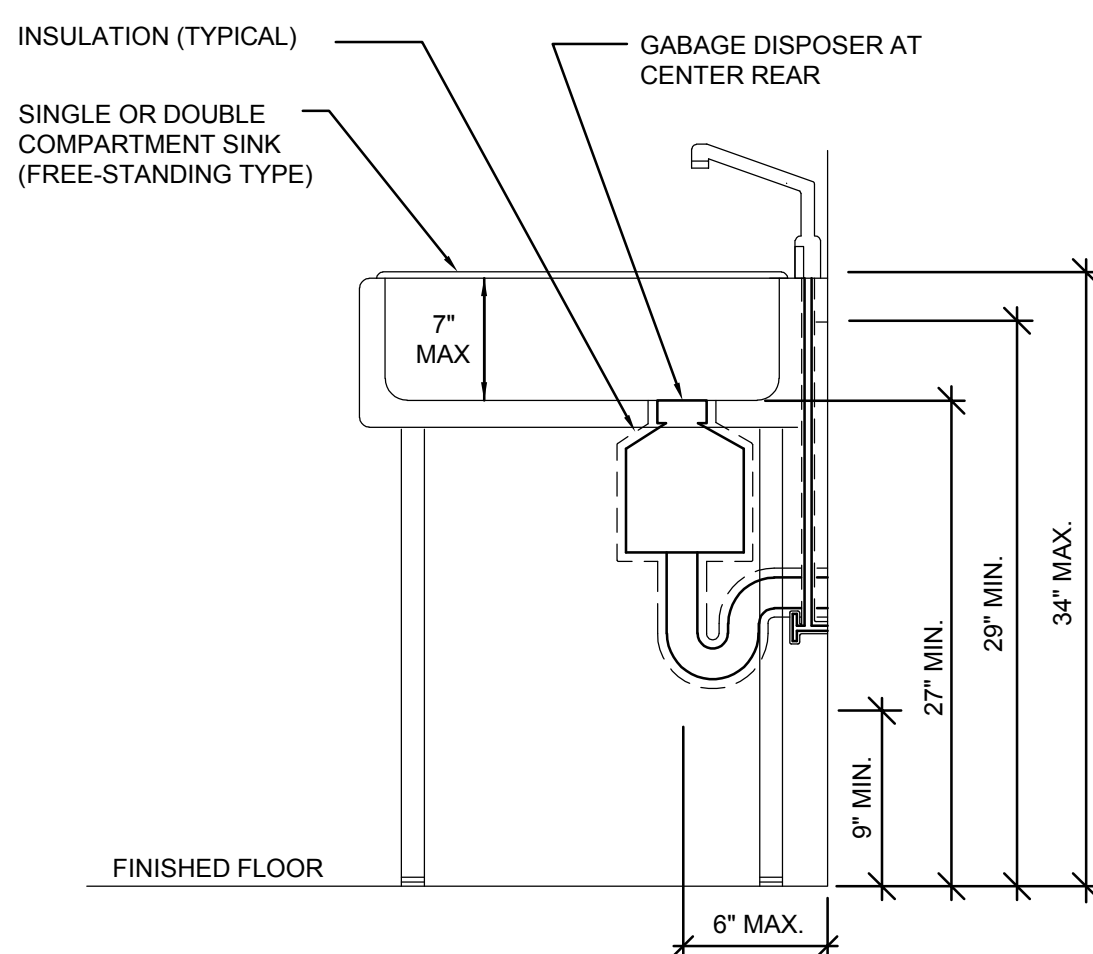
NOT TO SCALE 8

ADA KNEE CLEARANCE AT SINGLE SINK

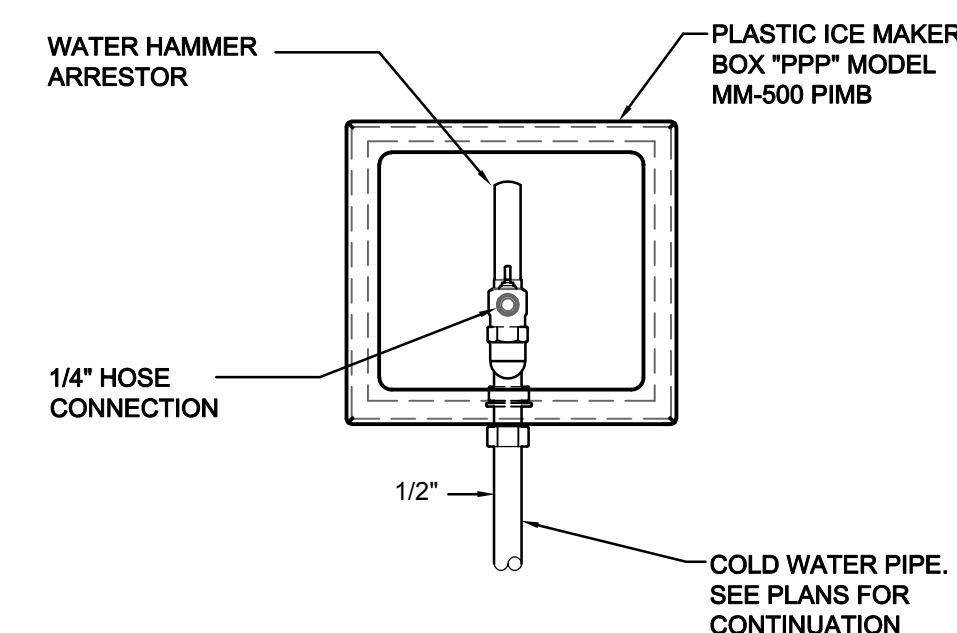
NOT TO SCALE 5

ICE MAKER CONNECTION BOX

NOT TO SCALE 2

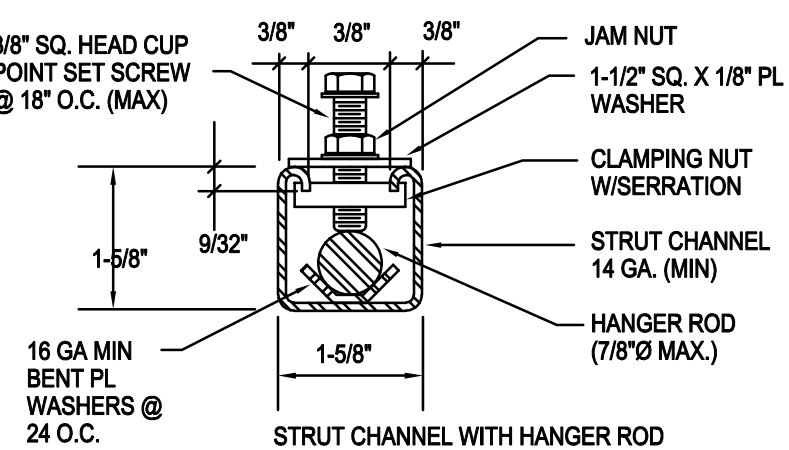


DIMENSION REFERENCES COME FROM 2019 CALIFORNIA BUILDING CODE, FIGURE 11 A-9D-KNEE CLEARANCE

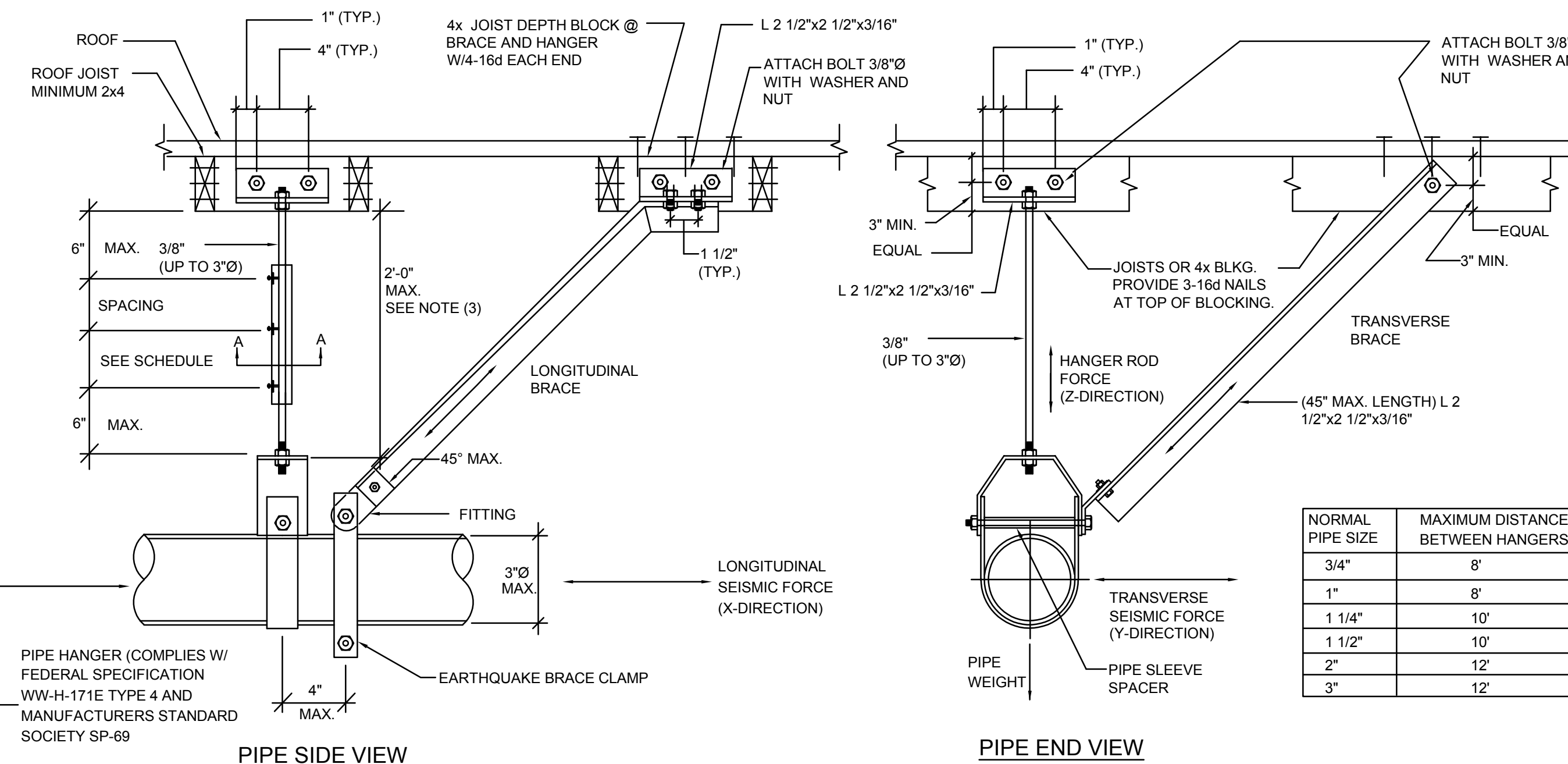


NOTE:
1) PIPE HANGER ROD SHALL BE DESIGNED FOR A COMPRESSION LOAD EQUAL TO THE VERTICAL COMPONENT OF THE BRACE FORCE MINUS 5/6 OF THE TRIBUTARY DEAD LOAD OF THE PIPE.
2) SEISMIC BRACES OMITTED:
a) WHEN TOP OF THE PIPE IS SUSPENDED 12" OR LESS FROM SUPPORTING STRUCTURE MEMBER.
b) ON ALL PIPING 3/4" AND SMALLER.
3) AT ALL BRACES PROVIDE A CHANNEL STIFFENER FOR ANY HANGER ROD OR BRACE ROD WHEN LENGTH EXCEEDS MAX. LENGTH SHOWN IN TABLE. INSTALL CLAMPING NUTS AT 6" MAX. FROM EACH END OF ROD AND AT MAX. SPACING ON CENTER PER TABLE.
4) MAXIMUM LOAD: 50 LBS.

NOTE:
1-PROVIDE A CHANNEL STIFF WHEN "L" FOR HANGER ROD EXCEEDS 28".
2-PROVIDE A CHANNEL STIFF @ ROD W/ BRACE WHEN "L" EXCEEDS 19".



SECTION A-A



PIPE SIDE VIEW

PIPE END VIEW

NORMAL PIPE SIZE	MAXIMUM DISTANCE BETWEEN HANGERS	ROD DIAMETER (IN.)	MAXIMUM LENGTH (IN.)	CLAMP SPACING (IN.)
3/4"	8'	1/4"	12	8
1"	8'	3/8"	18	13
1 1/4"	10'	1/2"	24	18
1 1/2"	10'	5/8"	30	23
2"	12'	3/4"	36	28
3"	12'	7/8"	42	33

PIPE SUPPORT FOR WOOD STRUCTURE

NOT TO SCALE 3

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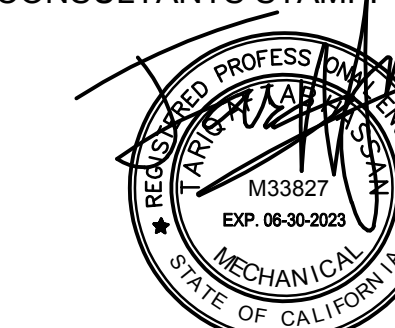


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PROJECT:

SAN DIMAS HIGH SCHOOL CULINARY ARTS CLASSROOM MODERNIZATION

JOB NUMBER: 12.03.00
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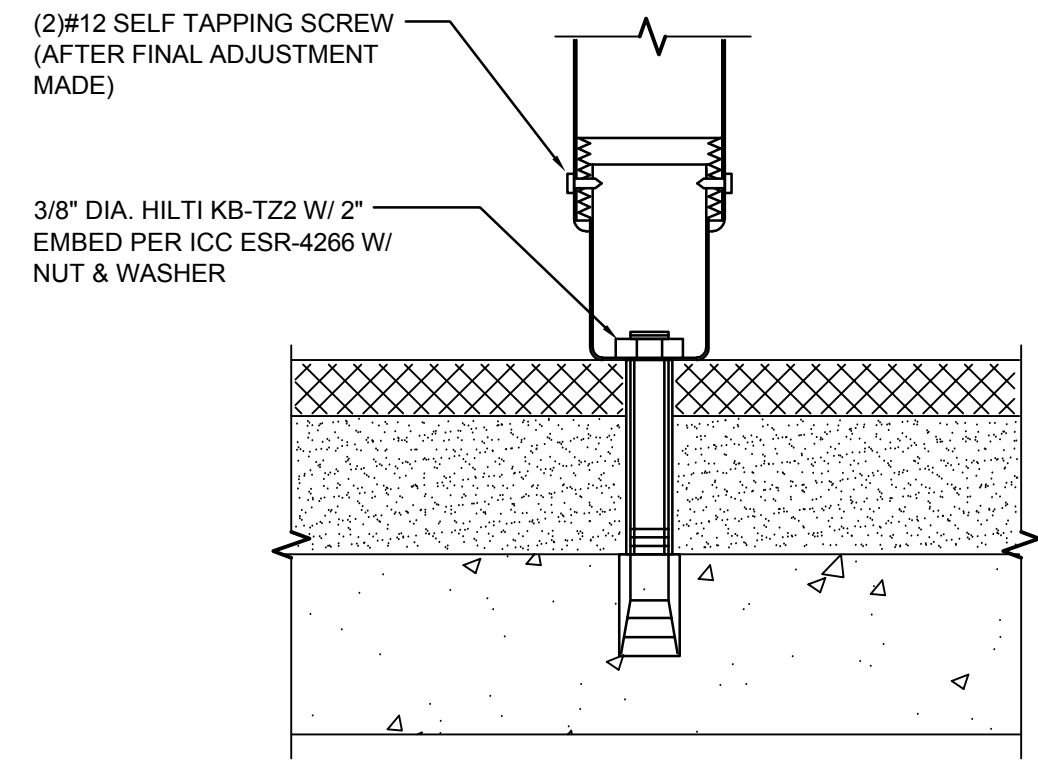
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PLUMBING DETAILS

DRAWING NO.:

P5.1

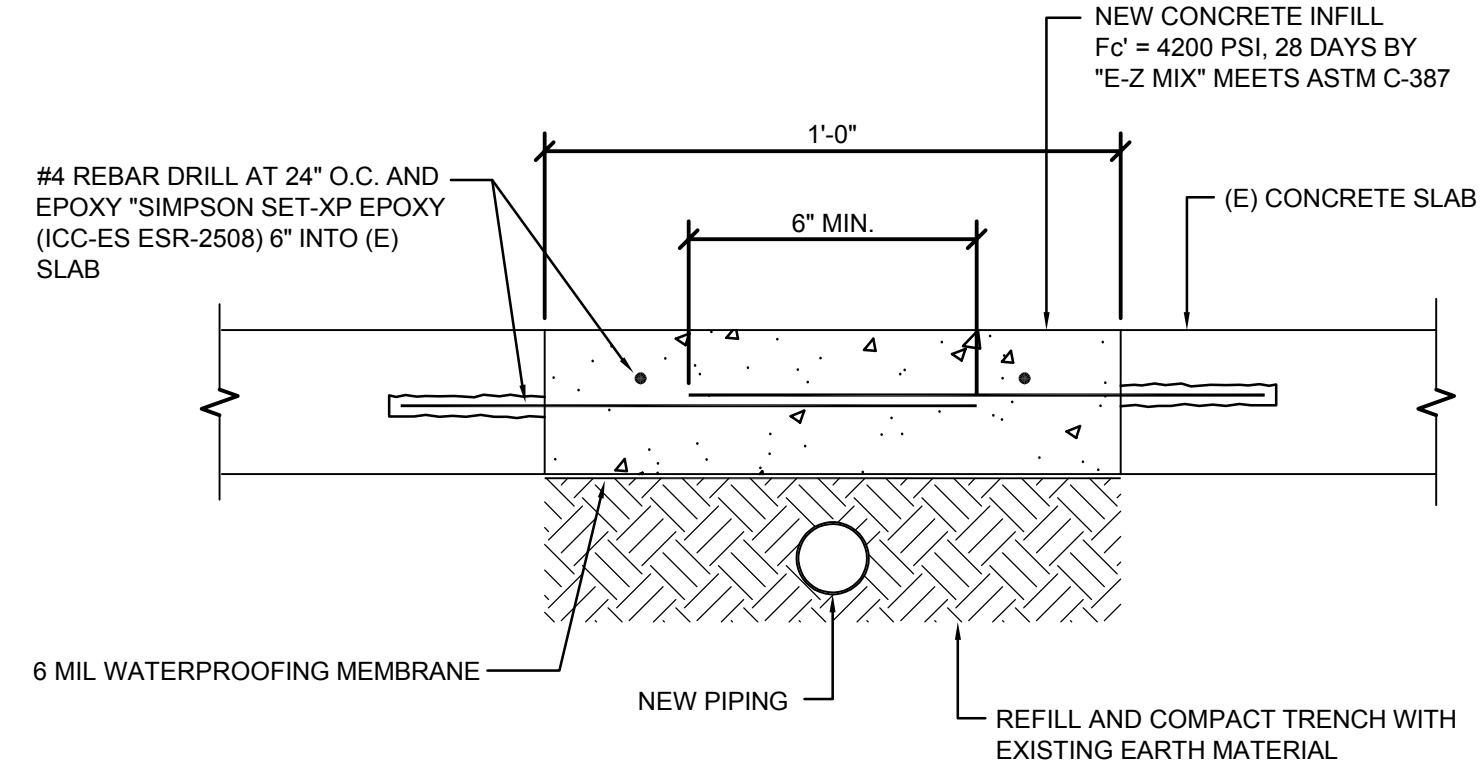


*FOR ICE MACHINE AND GAS COOKING RANGE EQUIPMENT ANCHORAGE.

SHEAR AND UPLIFT DETAIL (BULLET LEG)

NOT TO SCALE

7



NEW CONCRETE INFILL
F_c' = 4200 PSI, 28 DAYS BY
"E-Z MIX" MEETS ASTM C-387

#4 REBAR DRILL AT 24" O.C. AND
EPOXY *SIMPSON SET-XP EPOXY
(ICC-ES ESR-2508) 6" INTO (E)
SLAB

6 MIL WATERPROOFING MEMBRANE

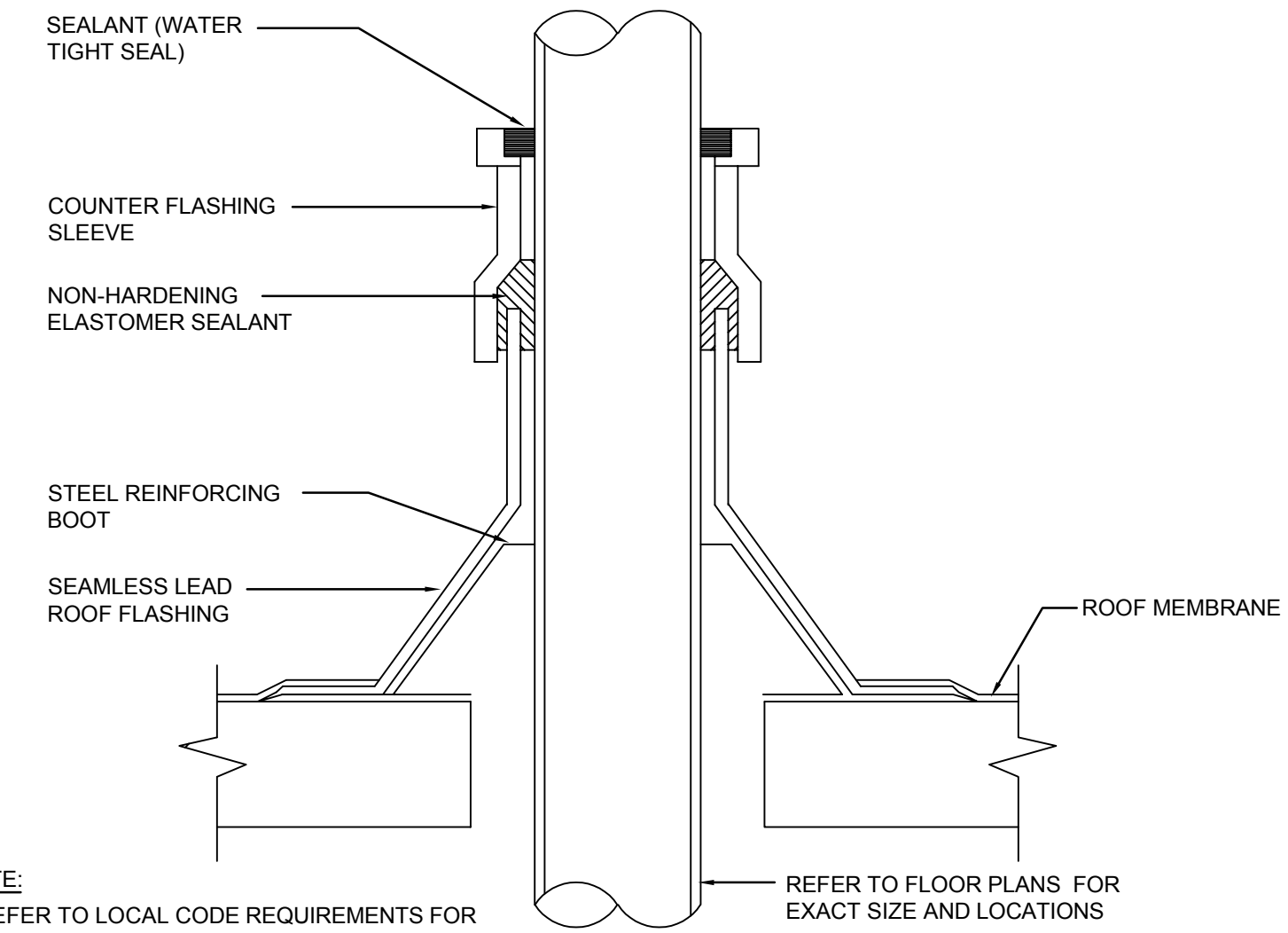
NEW PIPING

REFILL AND COMPACT TRENCH WITH
EXISTING EARTH MATERIAL

FLOOR TRENCHING BACKFILL DETAIL

NOT TO SCALE

4



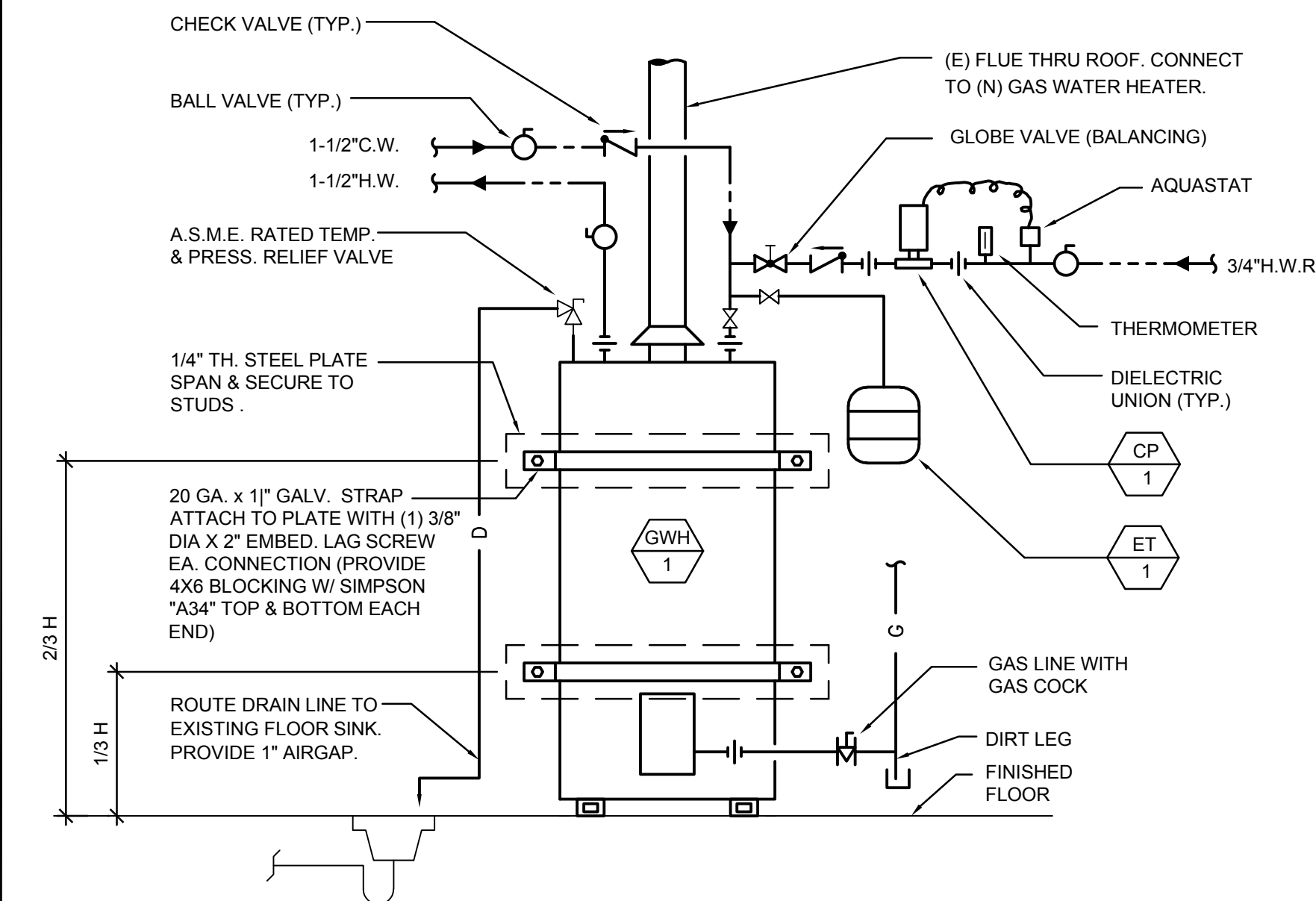
NOTE:
1. REFER TO LOCAL CODE REQUIREMENTS FOR
VENT TERMINATION HEIGHTS

REFER TO FLOOR PLANS FOR
EXACT SIZE AND LOCATIONS

VENT THROUGH ROOF DETAIL

NOT TO SCALE

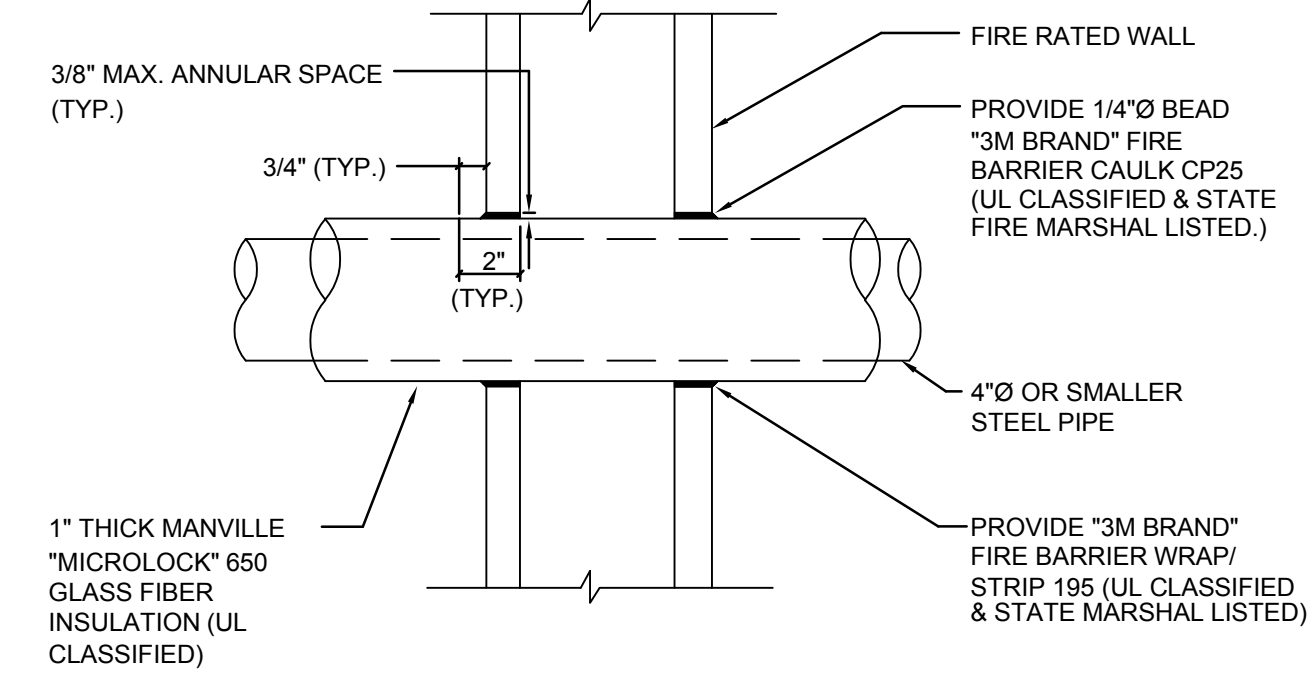
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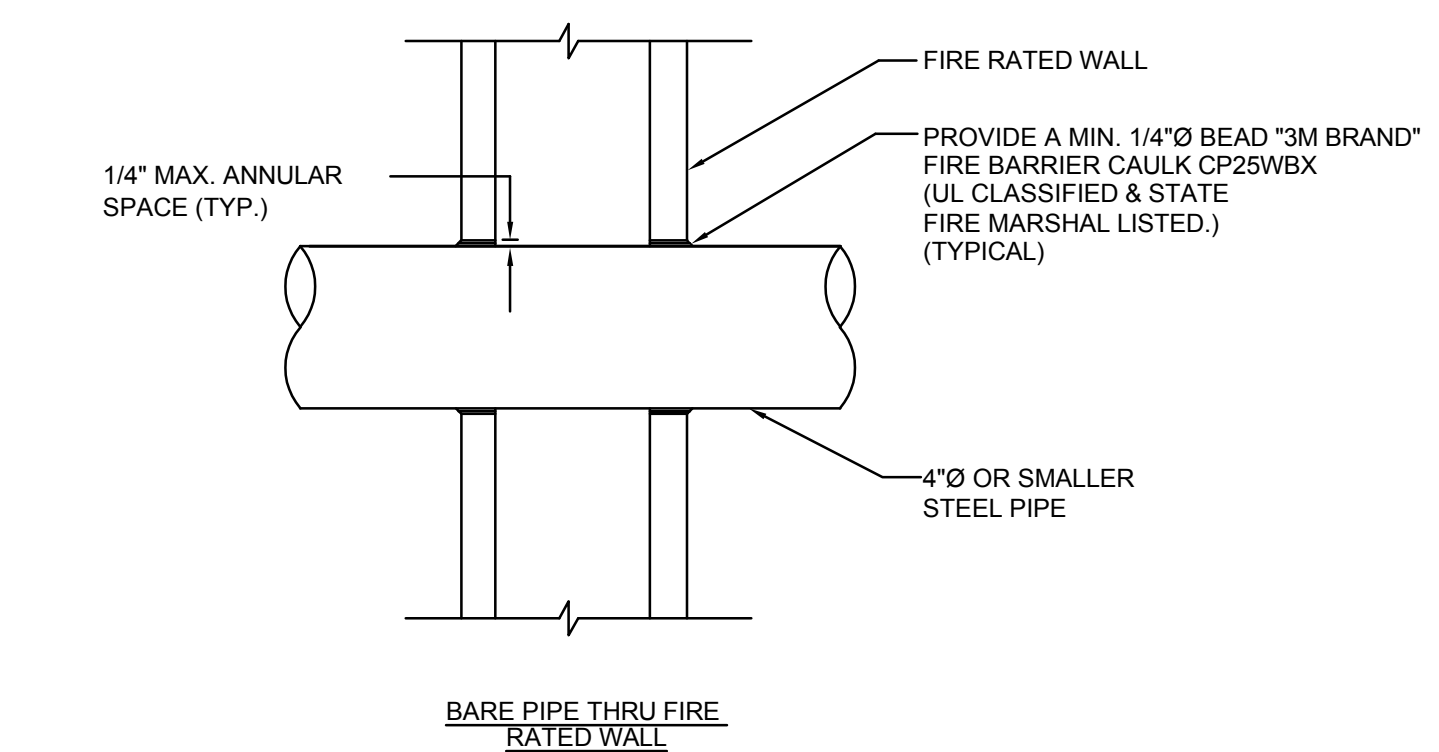
GAS WATER HEATER DETAIL (W/ CIRCULATING PUMP)

NOT TO SCALE

5



NOTE:
1. INSTALLATION SHALL COMPLY WITH U.L. FIRE RESISTANCE DIRECTORY
VOL. 2, PAGE 785, SYSTEM NO. W-L-5001 THRU PENETRATION
FIRESTOP SYSTEM.

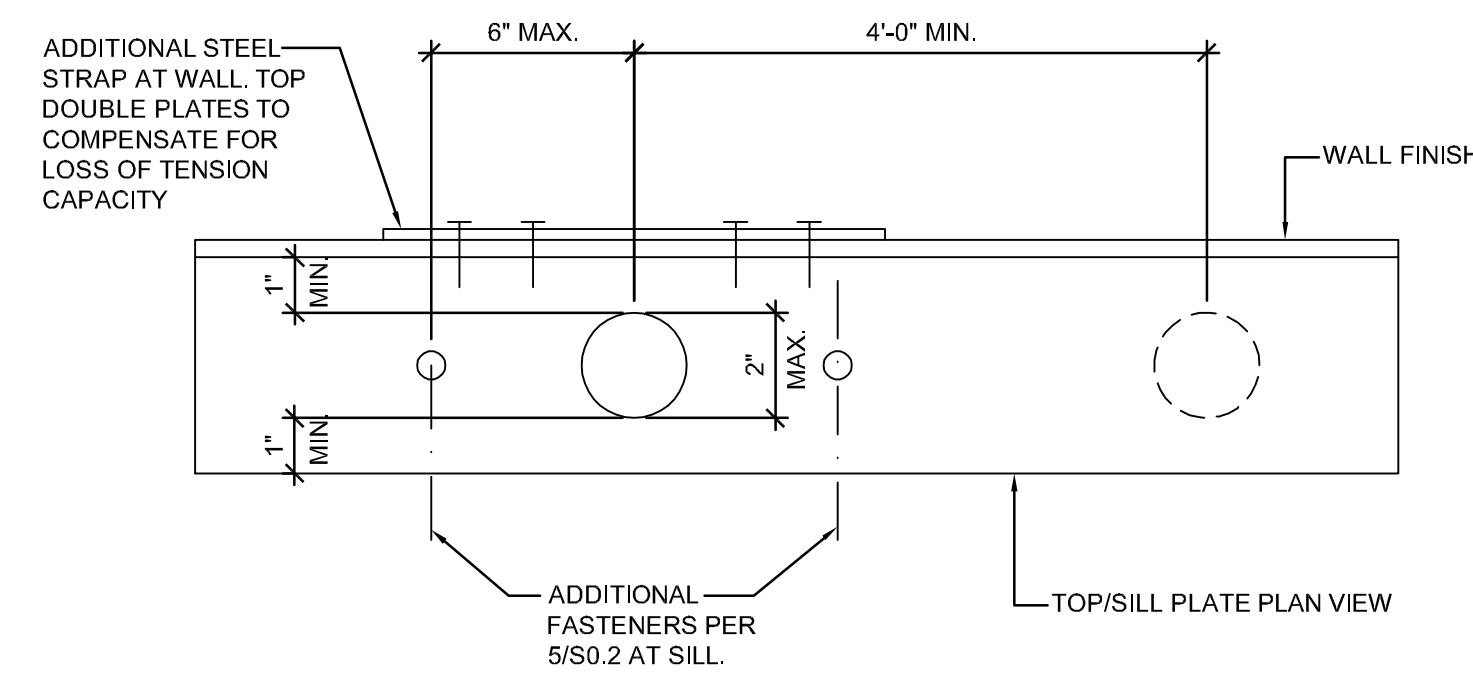


NOTE:
1. INSTALLATION SHALL COMPLY WITH THE U.L. FIRE RESISTANCE DIRECTORY
VOL. 2, 1997 EDITION, PAGE 624, SYSTEM NO. W-L-1000 THROUGH

PIPE THROUGH WALL DETAIL

NOT TO SCALE

3



TOP PLATE/SILL PLATE NOTCH DETAIL

NOT TO SCALE

6

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P5.2