

GRADING CONSTRUCTION NOTES

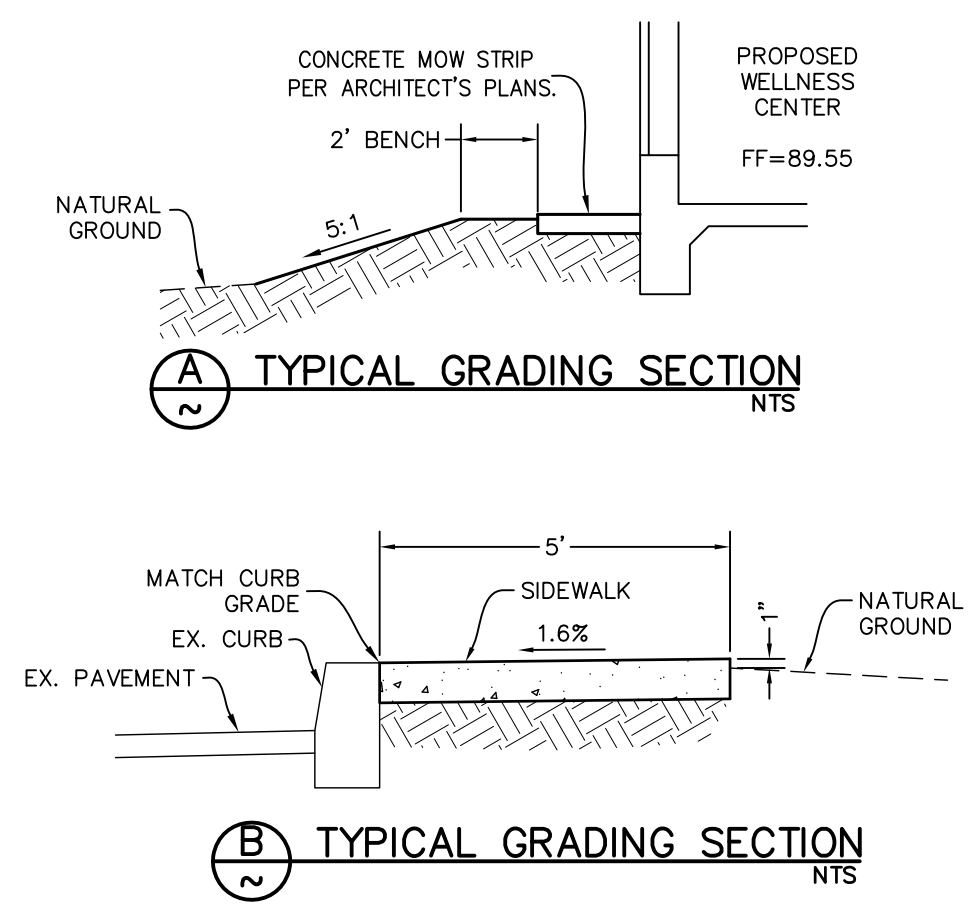
- 1 CONSTRUCT 4" MIN. CONCRETE SIDEWALK/FLATWORK, REFER TO ARCHITECT'S PLAN FOR DIMENSIONS NOT SHOWN. COMPACT 6" MIN. SUB-GRADE TO 90% MAX DENSITY.
- 2 DAYLIGHT LINE, SLOPE TO MATCH EXISTING GROUND.
- 3 MATCH EXISTING TOP OF CURB/SIDEWALK GRADE.
- 4 PROPOSED CONCRETE MOW STRIP PER ARCHITECT'S PLANS.
- 5 PROPOSED FENCE WITH CONCRETE CURB PER ARCHITECT'S PLANS.

NOTES:

1. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS, UNDERGROUND UTILITIES, LANDSCAPING, IRRIGATION, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES. ALL REMAINING UTILITY BOXES, VAULTS, MANHOLES, CLEANOUTS, ETC. SHALL BE ADJUSTED TO FINISH GRADE.
2. CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF EXISTING EQUIPMENT AND UTILITIES IN CONFLICT WITH CONSTRUCTION WITH OWNER PRIOR TO CONSTRUCTION.
3. SEE ARCHITECT'S PLANS FOR ALL DIMENSIONS NOT SHOWN.
4. SEE ARCHITECT'S PLANS FOR DEMOLITION AND REMOVAL/RELOCATION OF EXISTING EQUIPMENT, UTILITIES, ETC.
5. SEE STORM DRAIN PLAN, AND SEWER & WATER PLAN FOR DESIGN INFORMATION.
6. EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON AVAILABLE RECORDS BY THE OWNER. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
7. WARP CONCRETE TO CALIFORNIA PUBLIC ACCESSIBILITY STANDARDS TO MATCH FINISHED FLOOR AT ALL BUILDING ACCESS OPENINGS.
8. ADD 300 FEET TO ALL DESIGN ELEVATIONS.
9. GRADING DESIGN ASSUMES STEM CURB IS CONSTRUCTED ON ALL EXTERIOR WALLS.

BENCHMARK USED:

TOP OF CONCRETE MONUMENT IN LAMPHOLE AT THE EAST QUARTER CORNER OF SECTION 5, 30/28 M.D.M. LYING 29.45' SOUTH OF THE CENTERLINE INTERSECTION OF EAST BELLE TERRACE AND COTTONWOOD ROAD.
ELEVATION = 385.41 (USGS DATUM) PER TRACT 6378 PLANS

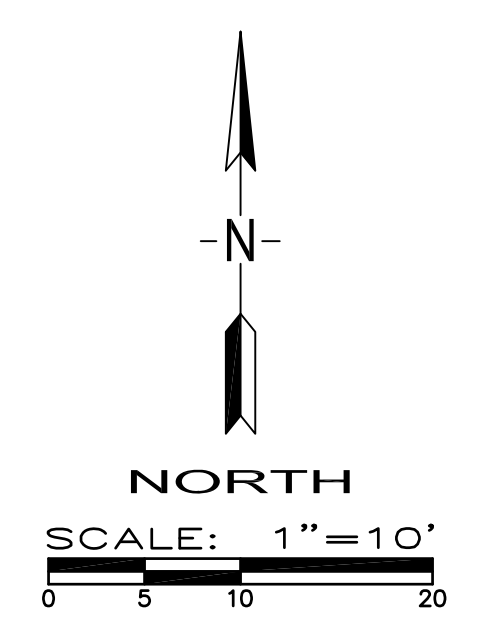


ABBREVIATIONS

EX	EXISTING
FG	FINISHED GROUND
FS	FINISHED SURFACE
FP	FINISHED PAD
FF	FINISHED FLOOR
NG or OG	NATURAL/ORIGINAL GROUND
EP	EDGE OF ASPHALT PAVEMENT
AC	TOP OF ASPHALT PAVEMENT
AB	AGGREGATE BASE
FL	FLOWLINE
GB	GRADE BREAK
TOG	TOP OF GRATE
TOC	TOP OF CONCRETE
CONC	CONCRETE
BW	BACK OF SIDEWALK
TC	TOP OF CURB
ON THIS SHEET	
MAX	MAXIMUM
MIN	MINIMUM
TYP	TYPICAL
EL or ELEV	ELEVATION
BDRY	BOUNDARY
EACH	EACH
ESMT	EASEMENT
RW	RIGHT-OF-WAY
SD	STORM DRAIN
CB	CATCH BASIN
SWR	SANITARY SEWER
MH	MANHOLE
WTR	WATER
G	GAS

LEGEND:

	DESIGN ELEVATION
	EXISTING ELEVATION
	DESIGN GRADE
	PROPOSED SEWER MAIN
	PROPOSED WATER LINE
	PROPOSED SEWER CLEANOUT
	PROPOSED WATER VALVE
	EXISTING CHAIN-LINK FENCE
	EXISTING WROUGHT IRON FENCE
	EXISTING ELECTRICAL VAULT
	EXISTING LIGHT BOX
	EXISTING IRRIGATION CONTROL VALVE
	EXISTING WATER VALVE
	EXISTING BLOW-OFF VALVE
	EXISTING LIGHT STANDARD
	EXISTING SIGN
	EXISTING PARKING BUMPER
	EXISTING TREE (SIZE VARIES)
	EXISTING CONTOUR WITH ELEVATION
	EXISTING GRADE
	EXISTING SEWER LINE
	EXISTING WATER LINE
	EXISTING FIRE WATER LINE
	EXISTING STORM DRAIN LINE



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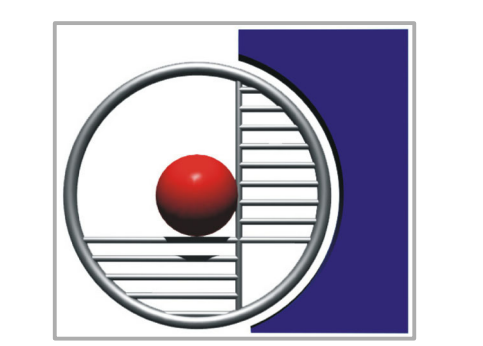
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DATE: 05/11/2023



BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
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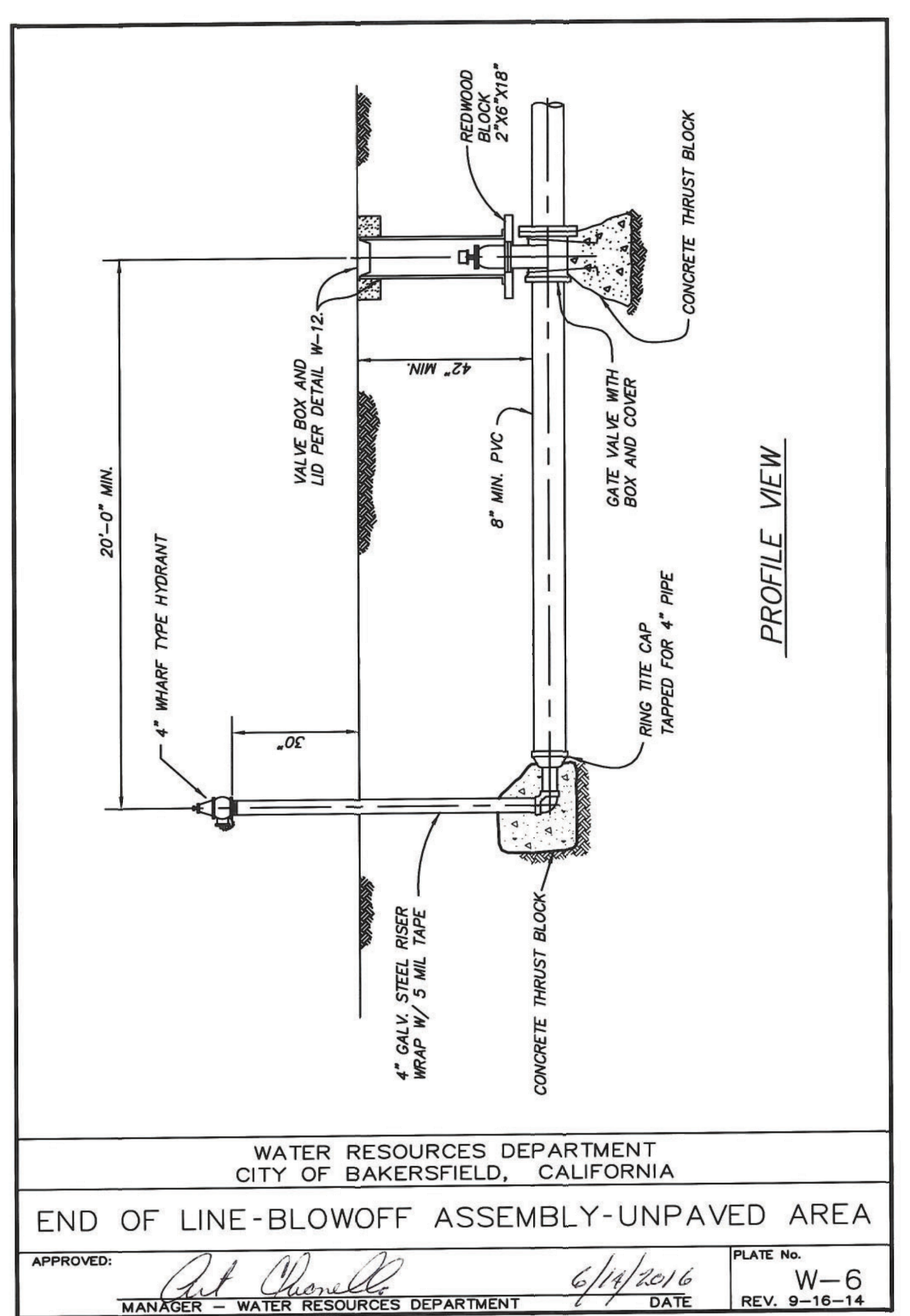
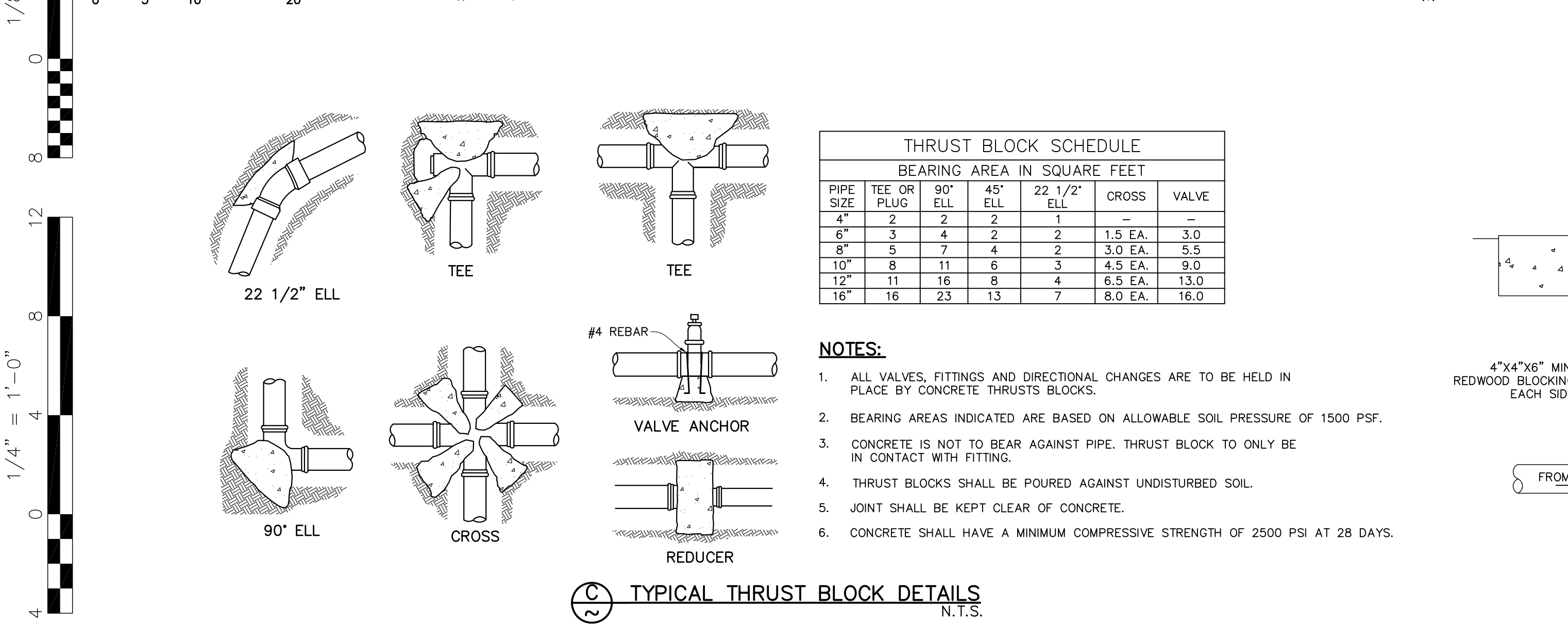
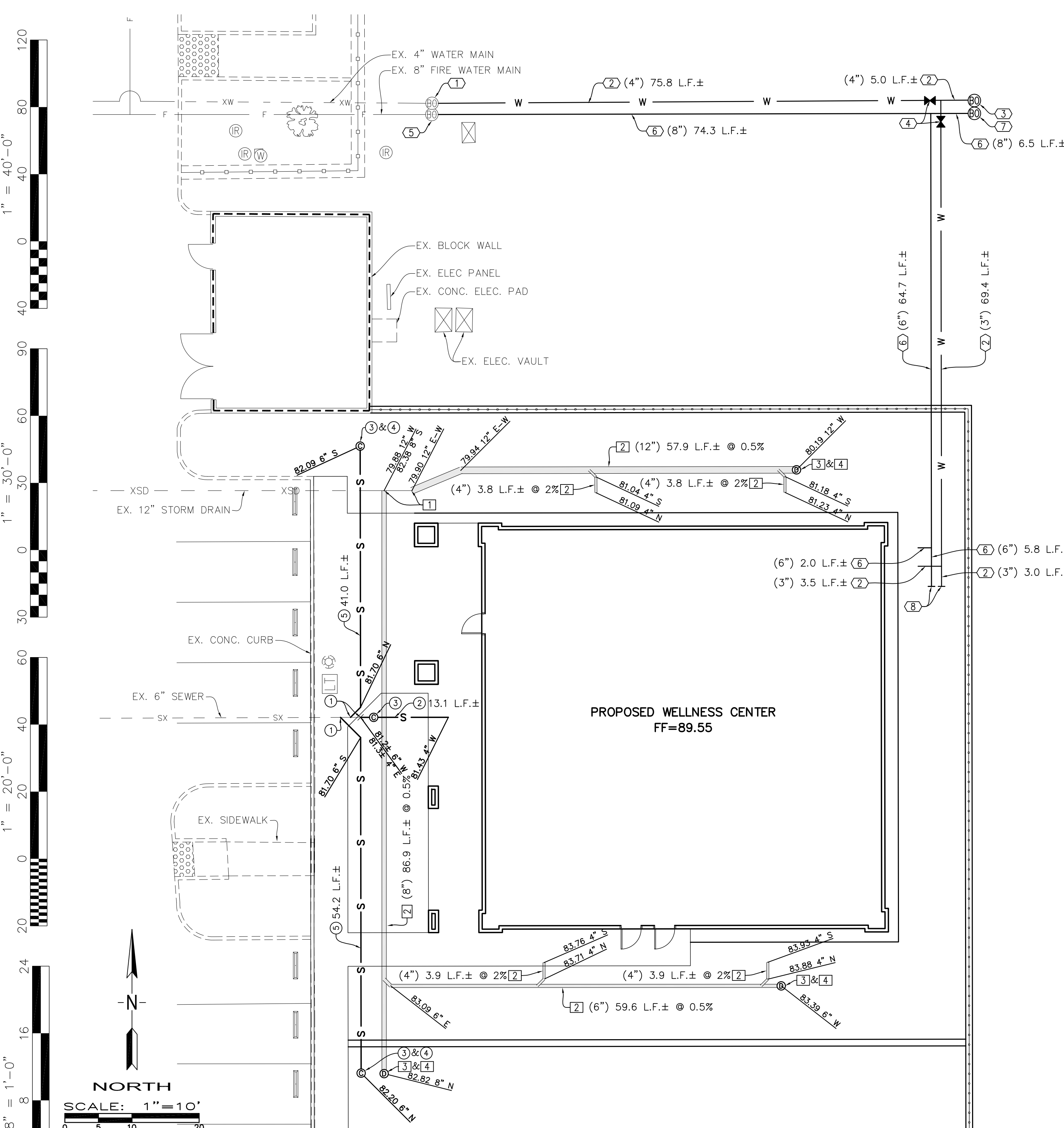


Sheet Title:
GRADING PLAN

Job No.: **5527**

Sheet No.: **C1.0**

Release: 12/21/22



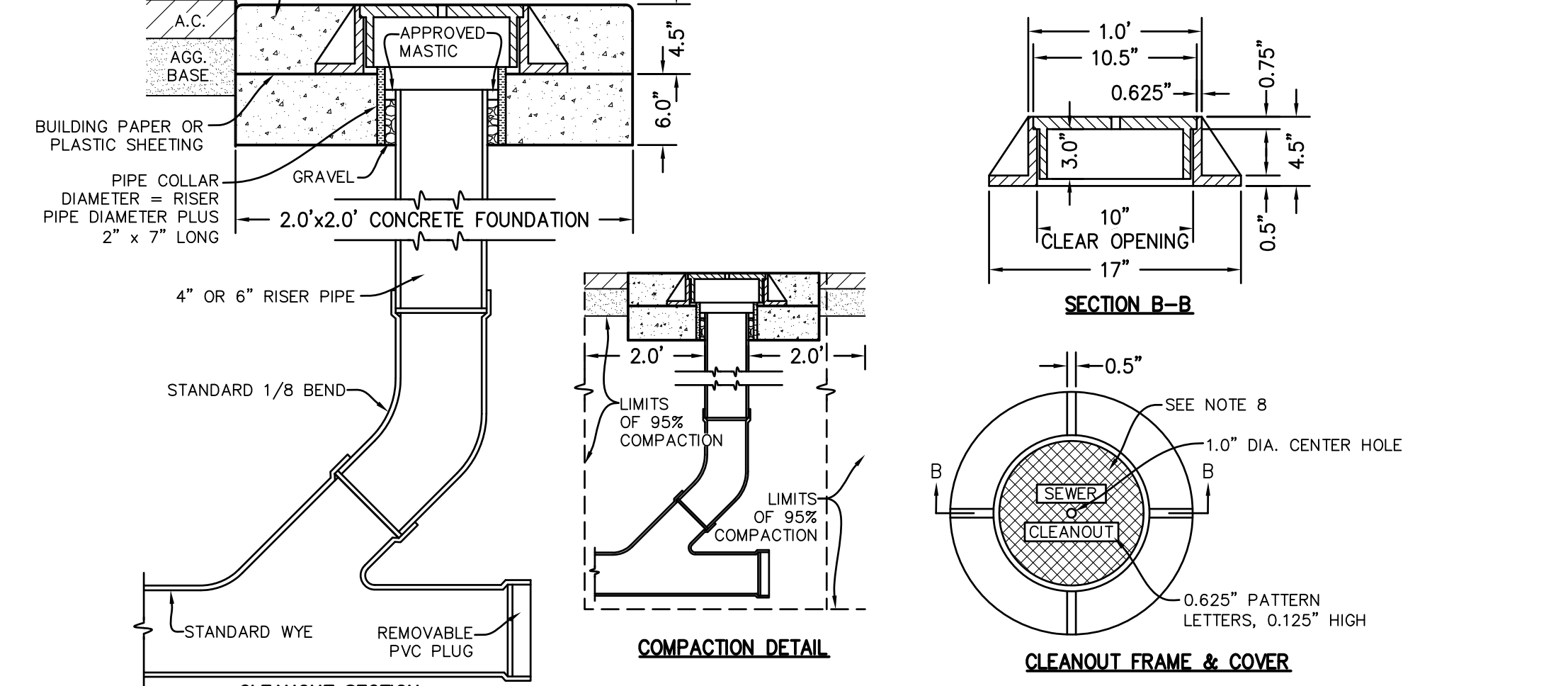
WATER RESOURCES DEPARTMENT
CITY OF BAKERSFIELD, CALIFORNIA
END OF LINE-BLOWOFF ASSEMBLY-UNPAVED AREA
APPROVED: *[Signature]* DATE: 6/14/2026 PLATE No. W-6
MANAGER - WATER RESOURCES DEPARTMENT REV. 9-18-14

- WATER CONSTRUCTION NOTES**
- TIE INTO EXISTING DOMESTIC WATER LINE, SALVAGE AND RELOCATE BLOWOFF ASSEMBLY. CONTRACTOR SHALL VERIFY EXACT LOCATION OF WATER LINE IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
 - INSTALL PVC DOMESTIC WATER LINE, SIZE AND DISTANCE SHOWN IN PLAN VIEW.
 - STUB FOR FUTURE EXTENSION AND RE-INSTALL END OF LINE BLOWOFF ASSEMBLY PER C.O.B. STD. PLATE W-6.
 - INSTALL WATER VALVE PER DETAIL (C1.1).
 - TIE INTO EXISTING FIRE WATER MAIN, SALVAGE AND RELOCATE BLOWOFF ASSEMBLY. CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZE IN FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
 - INSTALL C900 PVC FIRE WATER LINE, SIZE AND DISTANCE SHOWN IN PLAN VIEW. INSTALL THRUST BLOCK PER DETAIL (C1.1).
 - STUB FOR FUTURE EXTENSION AND RE-INSTALL END OF LINE BLOWOFF ASSEMBLY PER C.O.B. STD. PLATE W-6.
 - STUB AND PLUG FOR FUTURE CONNECTIONS.

- SEWER CONSTRUCTION NOTES**
- TIE INTO EXISTING 6" SEWER STUB, REMOVE APPROXIMATELY 5 L.F. OF SEWER LINE AND INSTALL WYE. CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF EXISTING SEWER IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
 - INSTALL 4" PVC SEWER AT MINIMUM 1.0% SLOPE, DISTANCES SHOWN IN PLAN VIEW.
 - CONSTRUCT SEWER CLEANOUT PER DETAIL (B1.1).
 - STUB AND PLUG FOR FUTURE EXTENSION.
 - INSTALL 6" PVC SEWER AT MINIMUM 1% SLOPE, DISTANCE SHOWN IN PLAN VIEW.

- STORM DRAIN CONSTRUCTION NOTES**
- TIE INTO EXISTING STORM DRAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION OF WATER LINE IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
 - INSTALL PVC OR HDPE STORM DRAIN. SIZE, DISTANCE, AND SLOPE IN PLAN VIEW.
 - CONSTRUCT STORM DRAIN CLEANOUT PER DETAIL (B1.1). LID SHALL BE MARKED "DRAIN".
 - STUB AND PLUG FOR FUTURE CONNECTIONS.
- NOTE:**
- ADD 300' TO ALL DESIGN ELEVATIONS.
 - LATERAL CONNECTIONS TO MAINS THAT DO NOT OCCUR IN JUNCTION BOXES SHALL BE MADE WITH 45° ELLS OR WYES FOR CLEANOUT PURPOSES.
 - STUB SEWER, WATER, AND STORM DRAIN TO 5' FROM THE BUILDING. BUILDING PLUMBER TO MAKE FINAL CONNECTION TO BUILDING PLUMBING. VERIFY BUILDING POINTS OF CONNECTION WITH BUILDING PLANS.

NOTE TO CONTRACTOR
ALL MANHOLES AND CLEANOUTS WITHIN PROJECT LIMITS, INCLUDING EXISTING MANHOLES, SHALL BE ADJUSTED TO FINISH GRADE IN ACCORDANCE WITH CITY OF BAKERSFIELD STANDARDS. EXISTING MANHOLES MAY REQUIRE REMOVAL OF EXISTING CONE, AND REMOVAL OR "CHANGE OUT" OF BARREL RINGS.



- CLEANOUT NOTES:**
- ALL WORK SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE SPECIFICATIONS ENTITLED "STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, BUSINESS AND TRANSPORTATION AGENCY, DEPARTMENT OF TRANSPORTATION", APPROVED CURRENT EDITION.
 - ALL CONCRETE SHALL BE CLASS "A".
 - CONCRETE SHALL HAVE NO ADDITIVES UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER.
 - CONCRETE SHALL BE CURED WITH A WHITE PIGMENTED CURING COMPOUND PER SEC. 90-7.01B OF THE STANDARD SPECS.
 - TOP OF SLAB SHALL BE TROWELED SMOOTH AND GIVEN A LIGHT BROOM FINISH.
 - 95% RELATIVE COMPACTION IS REQUIRED FOR ALL BACKFILL WITHIN 24" OF THE RISER PIPE.
 - BUILDING PAPER OR PLASTIC SHALL BE PLACED BETWEEN THE 6" CONCRETE FOUNDATION AND 4.5" SLAB.
 - FILL CAVITY BETWEEN PIPE AND COLLAR WITH GRAVEL TO WITHIN 1/2" OF TOP OF PIPE. CAULK REMAINING 1/2" WITH APPROVED MASTIC TO TOP OF PIPE FOR WATER TIGHT SEAL.
 - COLLAR SHALL BE VCP, ABS, OR PVC PIPE.
 - FINISHED PCC SLAB TO BE 1/8" MIN. AND 1/4" MAX. BELOW FINISHED PAVING SURFACE.
- CLEANOUT COVER NOTES:**
- ALL FRAMES AND COVERS SHALL BE TESTED FOR ACCURACY OF FIT AND SHALL BE MARKED IN SETS PRIOR TO DELIVERY.
 - THE SEATS OF FRAMES AND BEARING FACES OF THE COVERS SHALL BE MACHINED FOR A SMOOTH NON-ROCKING FIT BETWEEN THE TWO CASTINGS.
 - CASTINGS SHALL BE THOROUGHLY CLEANED AND DIPPED TWICE IN A QUICK-DRYING, JET-BLACK ASPHALTIC COMPOUND TO PROVIDE A PROTECTIVE COATING.
 - ALL FRAMES AND COVERS SHALL BE GRAY CAST IRON, FREE FROM WARPS, CRACKS, HOLES, SWELLS AND COLD-SPOTS, AND SHALL HAVE A WORKMANLIKE FINISH. HIGHWAY LOADING SHOULD BE HS 20-44.
 - CASTINGS SHALL CONFORM TO THE PROVISIONS OF THE SPECIFICATIONS FOR GRAY-IRON CASTINGS, SERIAL DESIGNATION ASTM: A-48 (LATEST REVISION), CLASS No. 30B.
 - THE NAME OF THE MANUFACTURING COMPANY SHALL BE ON THE UNDERSIDE OF THE COVER.
 - ASSEMBLY SHALL BE DESIGNED FOR HIGHWAY LOADING OF HS 20-44.
 - 2.0"x1.0" DIAMOND MAT 0.125" DEEP.

SEWER CLEANOUT DETAIL
N.T.S.

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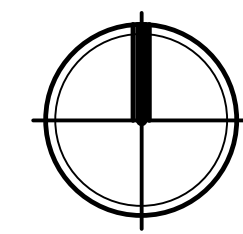
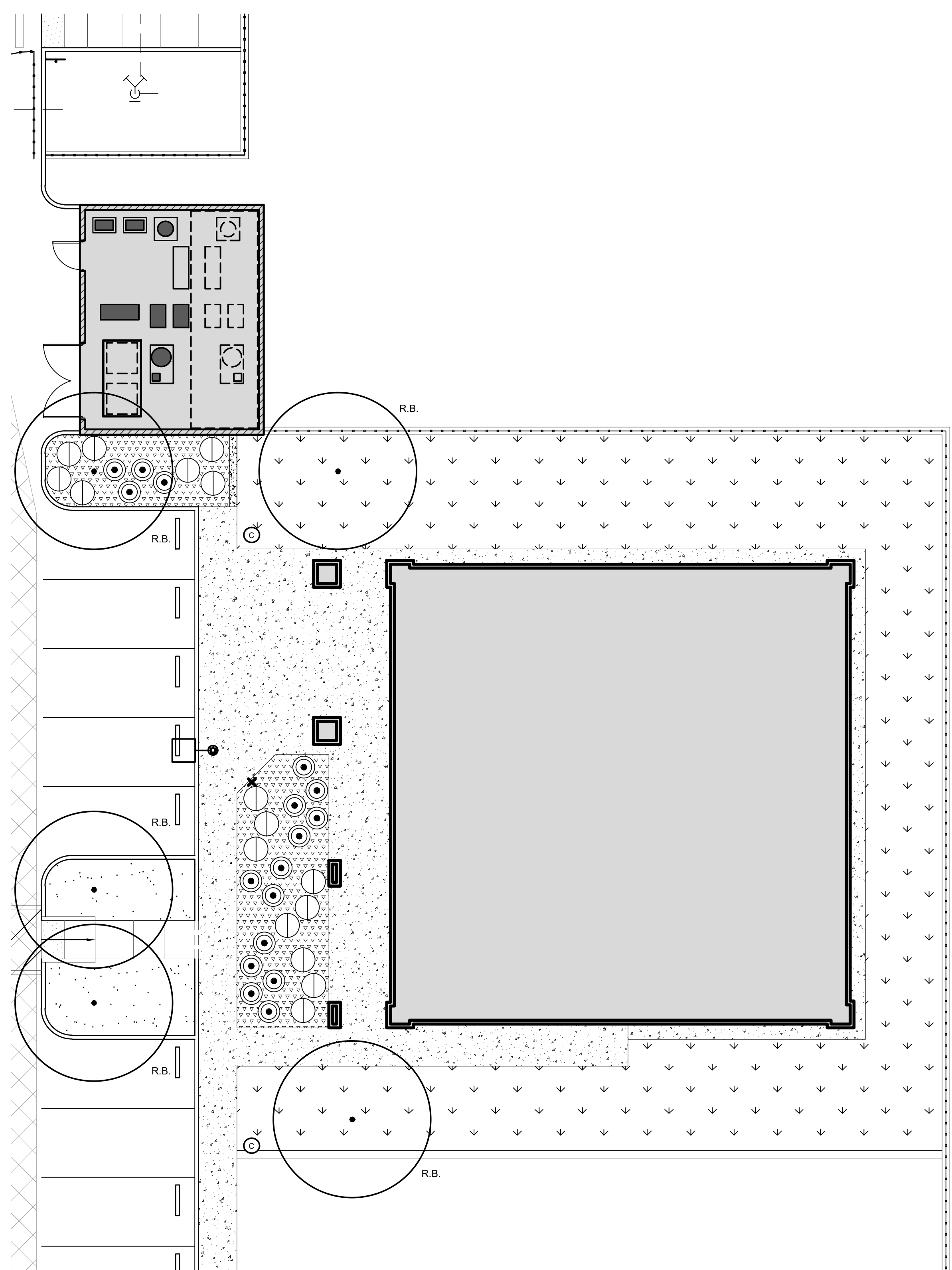
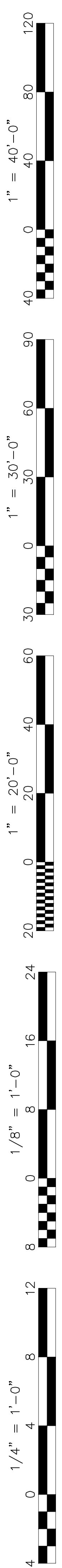
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SEWER, WATER & STORM DRAIN PLAN

Job No.:
5527

Sheet No.:
C1.1

Release: 12/21/22



LANDSCAPE PLAN
WELLNESS CENTER

SCALE: 1"=10'

PLANTING LEGEND

- TREES:**
- PISTACIA CHINENSIS 'KEITH DAVEY' CHINESE PISTACHE (24" BOX)
 - LOROPETALUM CHINENSE 'JAZZ HANDS' 'CHINESE FRINGE FLOWER' (5 GAL.)
 - PLUMBAGO AURICULATA 'ROYAL CAPE' CAPE PLUMBAGO (5 GAL.)
- SHRUBS:**
- 3" LAYER OF TAN / GOLD COLOR DECOMPOSED GRANITE MULCH. DECOMPOSED GRANITE MULCH TO BE PLACED UNDER ALL DESIGNATED LANDSCAPE AREAS AND WHERE SHOWN ON PLAN. REFER TO INSTALLATION DETAILS #01 AND #03 ON PLAN SHEET L1.03.
 - MIX OF 75% BERMUDA & 25% PERENNIAL RYEGRASS (SEED) PER DISTRICT AND SPECIFICATIONS.
 - 12" WIDE CONCRETE MOWSTRIP. REFER TO INSTALLATION DETAIL #04 ON PLAN SHEET L1.03.

LANDSCAPE NOTES

- IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE IF IT IS OBVIOUS THAT OBSTRUCTIONS OR STRUCTURES, IRRIGATION SYSTEM MALFUNCTION, EXISTING TREES OR OTHER PLANT MATERIAL, GRADE DIFFERENCES, OR CHANGES IN THE SITE PLAN ARE PRESENT THAT WILL IMPACT THE PLANTING DESIGN. FAILURE TO GIVE SUCH NOTIFICATION SHALL PLACE THE RESPONSIBILITY ON THE CONTRACTOR FOR ANY REVISIONS OR REPLACEMENTS NECESSARY FOR CORRECTION.
- PLANT QUANTITIES ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES SHOWN ON PLAN PRIOR TO BIDDING. THE CONTRACTOR SHALL PROVIDE SUFFICIENT QUANTITIES OF PLANTS EQUAL TO THE SYMBOL COUNT OR TO FILL THE AREAS SHOWN ON THE PLAN AT THE SPECIFIED SPACING LISTED IN THE PLANT LIST.
- ALL TREE AND SHRUB SPECIMENS ALLOCATED FOR INSTALLATION SHALL BE OF "CLASS A" QUALITY, FREE OF PESTS, DISEASE, AND / OR DAMAGE, AND SHALL BE WELL ESTABLISHED IN THEIR CONTAINERS WITHOUT ANY GIRDLING ROOTS OR EXCESSIVE TOP GROWTH. ALL PLANT MATERIAL INTENDED FOR INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI Z60.1).
- THE CONTRACTOR SHALL PRUNE NEW TREES ONLY WHEN SPECIFICALLY DIRECTED BY THE ARCHITECT. TREES SHALL BE REJECTED WITHOUT ADEQUATE BRANCH STRUCTURE, IN POOR HEALTH, OR IN ROOT-BOUND CONTAINERS.
- NOTIFY THE ARCHITECT PRIOR TO THE INSTALLATION OF IRRIGATION COMPONENTS AND LANDSCAPE PLANTING FOR APPROVAL OF LAYOUT AND PLANT SPECIMEN QUALITY. PLANT LOCATIONS SHALL BE ADJUSTED PER THE ARCHITECT'S DIRECTION TO AVOID CONFLICTS WITH EXISTING IMPROVEMENTS, EXISTING PLANT MATERIAL, UTILITIES, LIGHT POLES, OR TO MEET THE DESIGN INTENT. DO NOT PLANT TREES WITHIN 15 FEET OF LIGHT POLES UNLESS SPECIFICALLY AUTHORIZED. FAILURE TO OBTAIN SUCH APPROVAL SHALL PLACE THE RESPONSIBILITY ON THE CONTRACTOR FOR ANY RELOCATION OR REPLACEMENT OF IRRIGATION COMPONENTS AND / OR NEW PLANT MATERIAL.
- INSTALLATION OF ALL TREES AND SHRUBS SHALL BE SPACED AND INSTALLED IN ACCORDANCE WITH COMMON NURSERY LANDSCAPE STANDARDS.
- ALL TREES LOCATED WITHIN 10 FEET OF PAVEMENT OR STRUCTURES SHALL HAVE A ROOT CONTROL BARRIER INSTALLED WHEN PLANTED. UNLESS OTHERWISE SPECIFIED, INSTALL A 16 FOOT LONG x 24 INCH DEEP LINEAR POLYETHYLENE BARRIER AT THE EDGE OF PAVEMENT / STRUCTURES, CENTERED ON THE TREE TRUNK.
- AFTER TREE STAKING OR GUYING IS COMPLETED, REMOVE NURSERY STAKES FROM TREES.
- INSTALL PERFORATED POLYETHYLENE TREE TRUNK PROTECTORS FOR ALL NEW TREES PLANTED IN TURF AREAS. UNLESS NOTED OTHERWISE, MAINTAIN A MINIMUM FOUR FOOT (4') DIAMETER MULCHED AREA AT THE BASE OF THE TREE INSIDE THE WATERING BASIN.
- PRIOR TO SOIL CONDITIONING, RIP IN FOUR DIFFERENT DIRECTIONS WITH TINES AT 12 INCH SPACING, ALL TURF AREAS TO A 12 INCH DEPTH, AND SHRUB AREAS TO A 18 INCH DEPTH. ROUGH GRADE AND TILL THE APPROVED SOIL CONDITIONERS AND FERTILIZERS INTO THE TOP 6 INCHES (6").
- UPON THE COMPLETION OF THE SOIL CONDITIONING, REMOVE ROCKS AND CLODS ONE INCH (1") DIAMETER AND GREATER FROM THE TOP TWO INCHES (2") OF TOPSOIL, AND ALL DEBRIS. FINISH GRADE THE AREA TO +/- 0.05 FOOT TOLERANCE. RELATIVE DENSITY OF THE TOPSOIL SHALL NOT EXCEED 85% COMPACTION.
- OBTAIN THE APPROVAL OF THE OWNER'S REPRESENTATIVE TO BEGIN PLANTING OPERATIONS ONCE THE IRRIGATION SYSTEM IS PRESSURE TESTED AND OPERATIONAL, AND THE SOIL CONDITIONING AND FINISH GRADING IS COMPLETED.
- INSTALL A THREE INCH (3") DEPTH OF THE SPECIFIED DECOMPOSED GRANITE MULCH IN ALL PLANTING AREAS EXCEPT FOR TURF AREAS, SLOPES 3H:1V OR GREATER. AREAS TO RECEIVE SEED PLANTING, OR AS NOTED ON THE PLAN.
- CONTRACTOR SHALL SUSTAIN NEW PLANTING FOR HEALTHY AND VIGOROUS GROWTH, WHICH INCLUDES BUT IS NOT LIMITED TO WATERING, WEEDING, FERTILIZING, MOWING AND EDGING (AT LEAST ONCE A WEEK), REMOVING TRASH AND DEBRIS, AND OTHER RELATED ACTIVITIES THROUGHOUT THE DURATION OF THE MAINTENANCE PERIOD UNTIL FINAL ACCEPTANCE BY OWNER.

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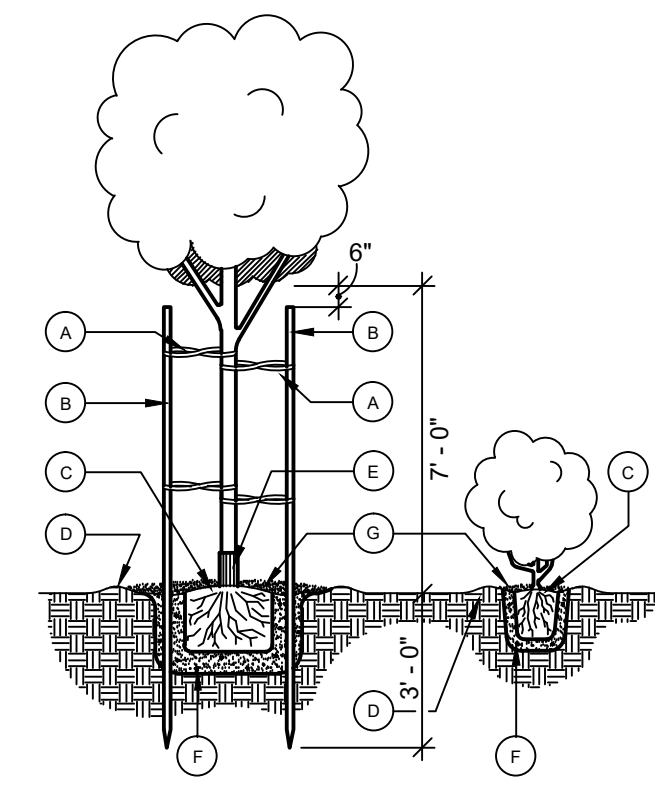
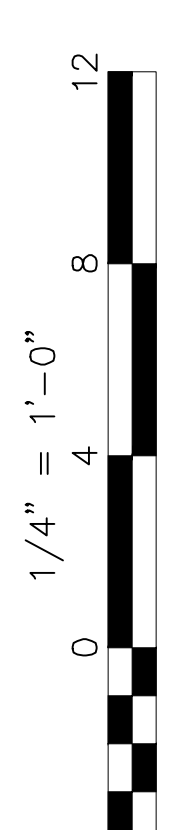
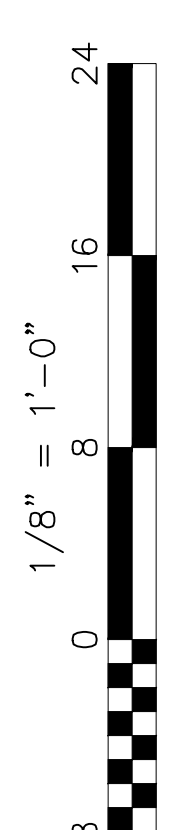
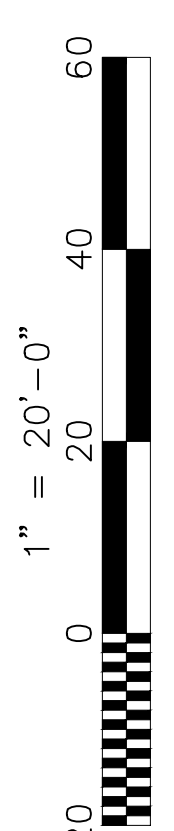
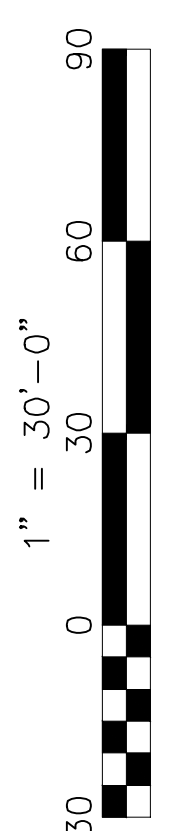
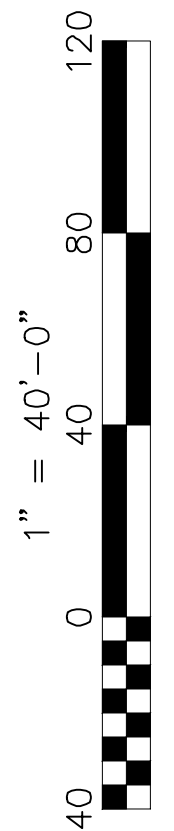
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LANDSCAPE PLAN

Job No.: **5527**

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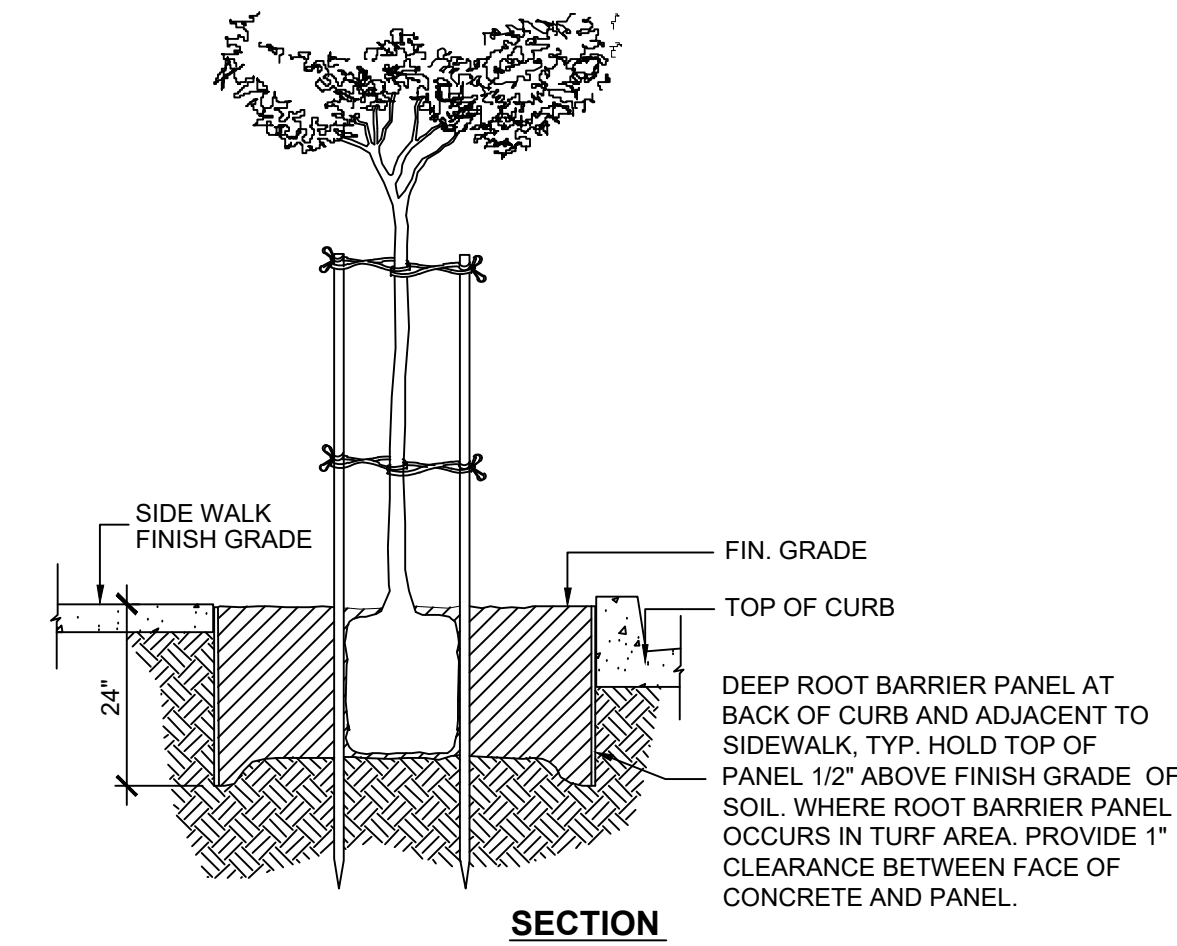


- KEY NOTES**
- TREE TIES TO BE APPROVED RUBBER OR PLASTIC STRAPS NAILED TO STAKES.
 - TREATED 2"x10' LODGE POLE STAKE TO BE SET VERTICAL.
 - TOP OF ROOT BALL IS TO BE SET SLIGHTLY ABOVE FINISH GRADE.
 - CONSTRUCT WATER BASIN TO THE DIAMETER NOTED BELOW WITH 3" BERM AROUND PERIMETER. SOFTEN BERM IN TURF AREAS. REMOVE ALL TURF WITHIN BERM AREA IN TURF AREAS.
 - EXPANDABLE STRING TRIMMER TREE BOOT. USE ON TREES INSTALLED IN TURF AREAS ONLY.
 - AGRIFORM PLANT FERTILIZER TABLETS.
 - DECOMPOSED GRANITE MULCH. INSTALL TO A COMPACTED DEPTH OF THREE INCHES (3"). DO NOT ENGULF THE STEMS OR TRUNKS OF SHRUBS AND TREES. REFER TO PLANTING PLAN LEGEND, SHEET L1.01.
- | BERM DIAMETER | SIZE OF PLANT |
|---------------|-----------------|
| 36" | 24" BOX |
| 30" | 15 GALLON PLANT |
| 16" | 5 GALLON PLANT |
| 12" | 1 GALLON PLANT |

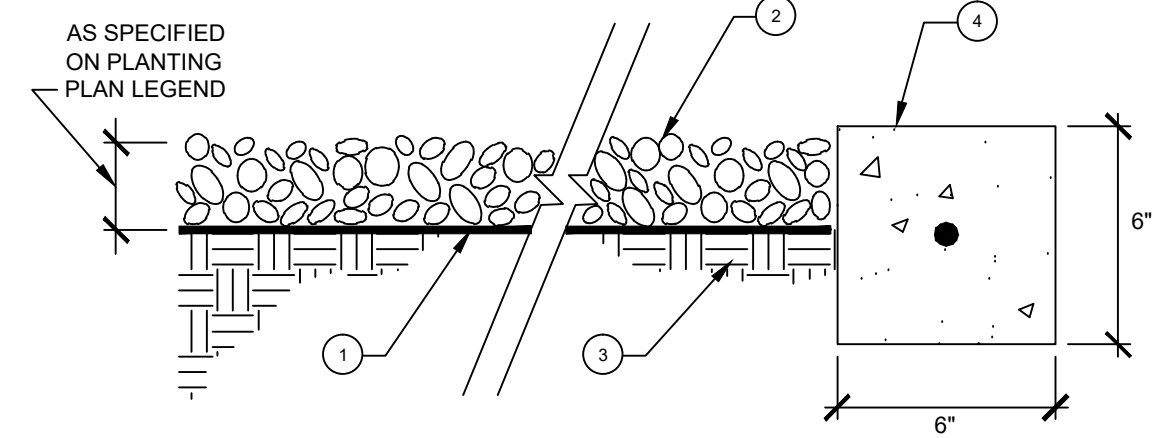
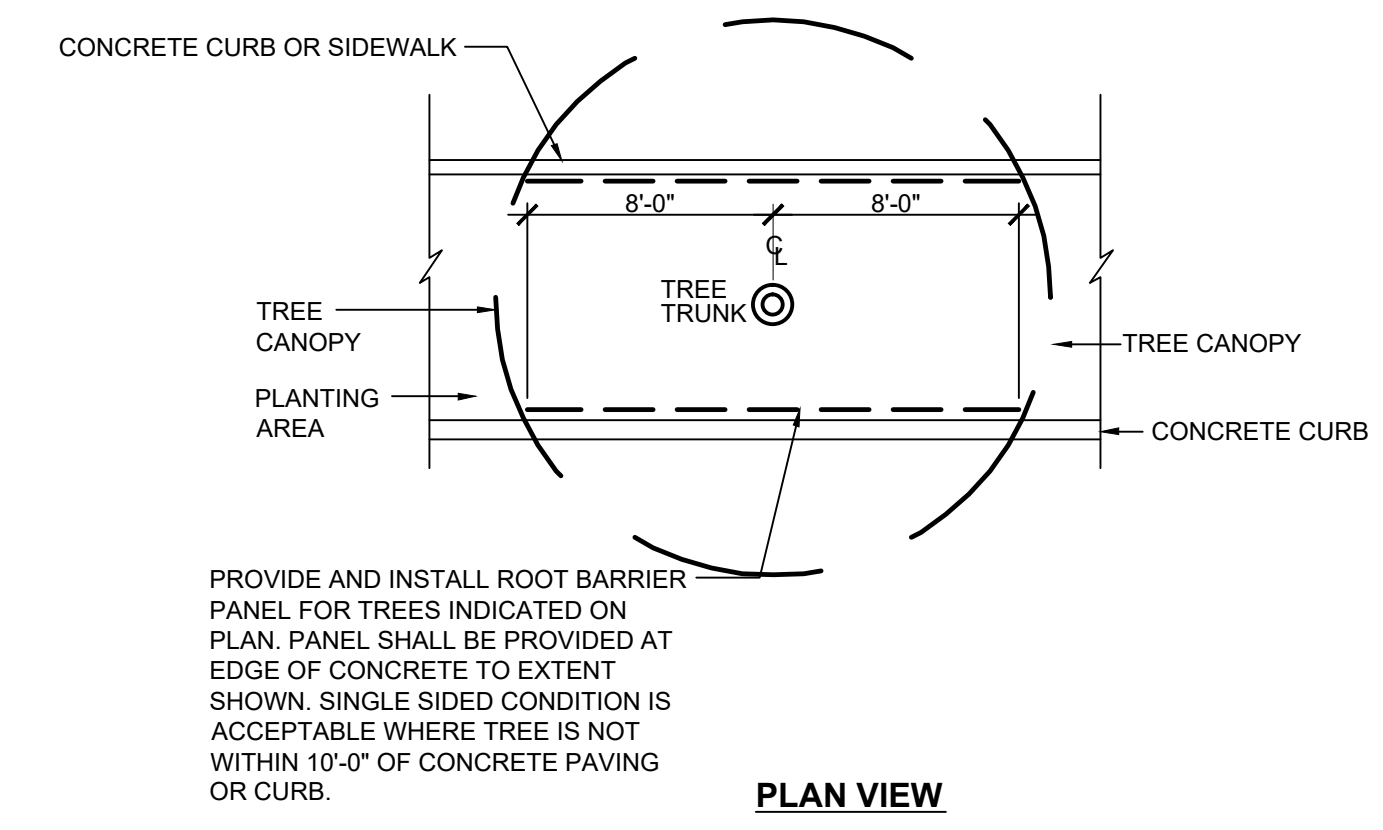
- PLANTING NOTES**
- CONTRACTOR IS TO DRILL ONE 18" DIAMETER DRAINAGE HOLE PER TREE OR 15 GALLON SIZE PLANT. A MINIMUM OF TEN FEET (10'-0") DEEP OR UNTIL THE HARD PAN LAYER IS PIERCED. MIX EXCAVATED SOIL WITH GYPSUM AND HUMUS AND BACKFILL HOLE. DRAINAGE HOLE IS TO BE OFF SET FROM THE PLANTING HOLE TO PREVENT SETTLEMENT OF THE TREE OR SHRUB.
 - PLANTING HOLE TO BE TWICE THE DIAMETER OF CONTAINER WITH DEPTH EQUAL TO ROOT BALL, PLUS FOUR INCHES. BACKFILL WITH 85% CLEAN NATIVE SOIL MIXED W/ 15% NITROLIZED FOREST HUMUS. ADD PLANT FERTILIZER TABS TO BACKFILL AS FOLLOWS:

SIZE OF PLANT	# TABS
1 GALLON SIZE	2
5 GALLON SIZE	4
15 GALLON SIZE	6
24" BOX SIZE	8
 - PLACE TREE OR SHRUB IN CENTER OF PLANTING HOLE.
 - TAMP BACKFILL TO FORCE OUT ALL AIR POCKETS. FOOT TAMP BACKFILL BELOW ROOT BALL TO PREVENT SETTLEMENT.
 - WATER TREE OR SHRUB IMMEDIATELY AFTER PLANTING.
 - DOUBLE STAKE, WITH ONE STAKE TO BE PLACED ON THE WINDWARD SIDE AND THE OTHER PLACED ON THE LEeward SIDE OF THE TYPICAL PREVAILING WIND. TOP OF STAKE IS TO BE SIX INCHES BELOW THE BRANCHING POINT OF THE CROWN.

1 TREE AND SHRUB PLANTING NTS
L1.03

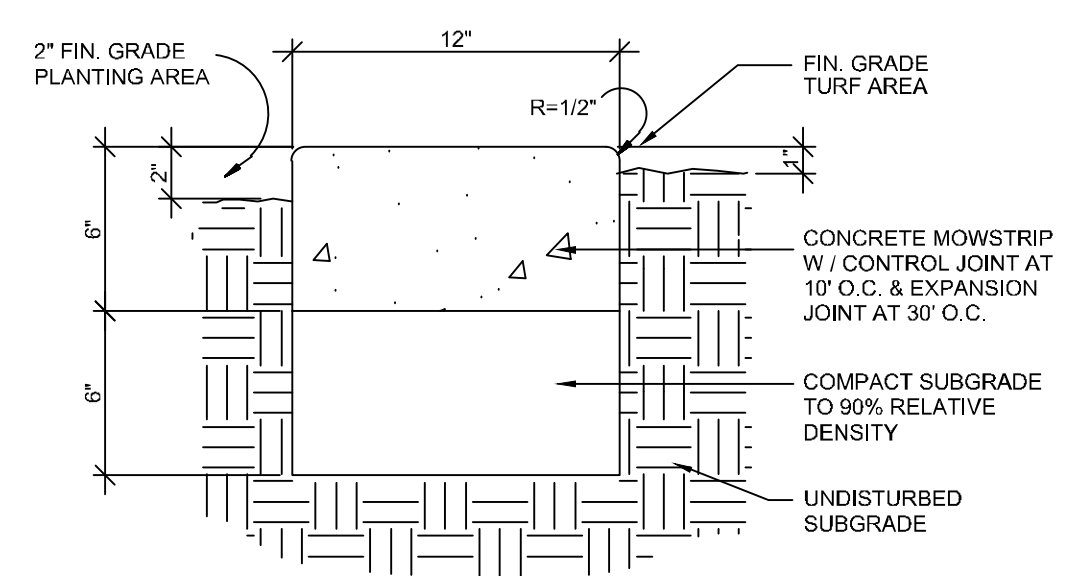


2 TREE ROOT BARRIER NTS
L1.03



- CONTRACTOR IS TO PREPARE THE SUB-GRADE FOR THE DECOMPOSED GRANITE MULCH WITH AN APPLICATION OF AN APPROVED, LONG LASTING, GRANULAR PRE-EMERGENT JUST PRIOR TO THE PLACEMENT OF THE DECOMPOSED GRANITE MULCH AT LABEL RATES. CONTRACTOR IS TO REAPPLY (SURFACE BROADCAST) A SECOND APPLICATION AT THE END OF THE SPECIFIED MAINTENANCE PERIOD. TWO (2) APPLICATIONS REQUIRED FOR BID.
- DECOMPOSED GRANITE MULCH, REFER TO PLANTING PLAN LEGEND, SHEET L1.01.
- 85% COMPACTED AND APPROVED SUBGRADE. GRADE FOR PROPER DRAINAGE.
- CONCRETE MOW STRIP OR OTHER HARDSCAPE SURFACE.

3 DECOMPOSED GRANITE MULCH NTS
L1.03



4 CONCRTE MOWSTRIP NTS
L1.03

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122605 INC.
REVIEWED FOR
SS FLS ACS
DATE: 05/11/2023

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
WELLNESS CENTER
1100 CITADEL STREET
BAKERSFIELD, CA 93307

integrated designs
by SOMAM, Inc.
**ARCHITECTURE
ENGINEERING
INTERIOR DESIGN**
6011 N. FRESNO STREET, SUITE 130
FRESNO CALIFORNIA 93710
P: (559) 436-0881 F: (559) 436-0887
E: design@somam.com
integrateddesigns.com

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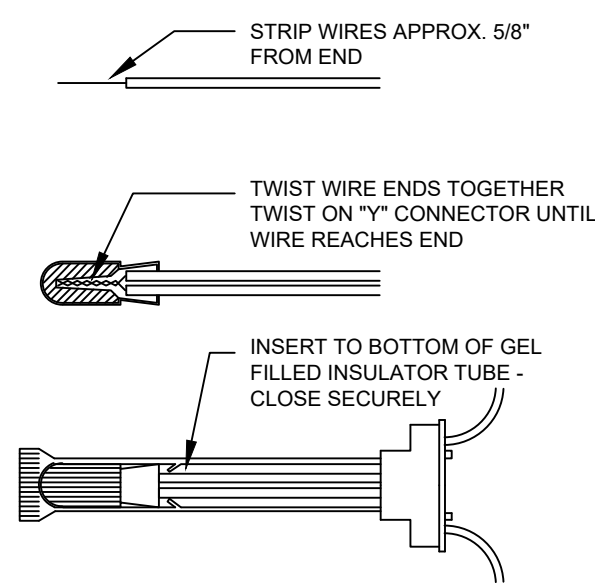
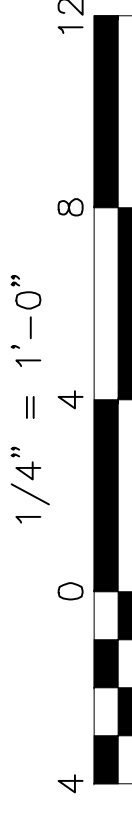
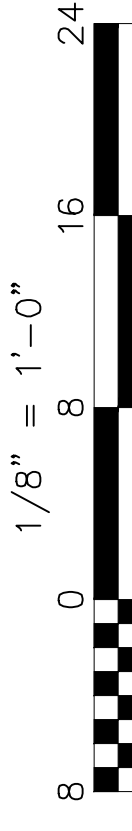
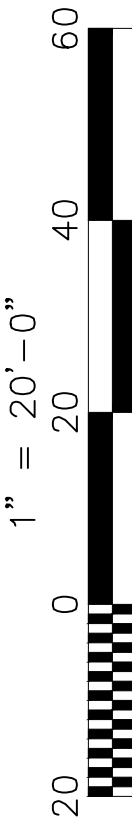
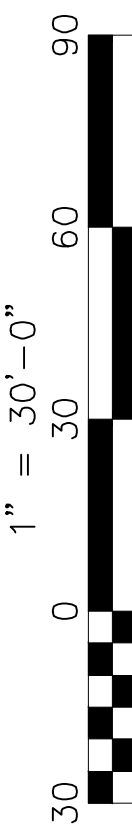
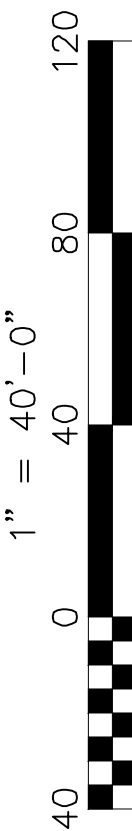
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Sheet Title:
PLANTING DETAILS

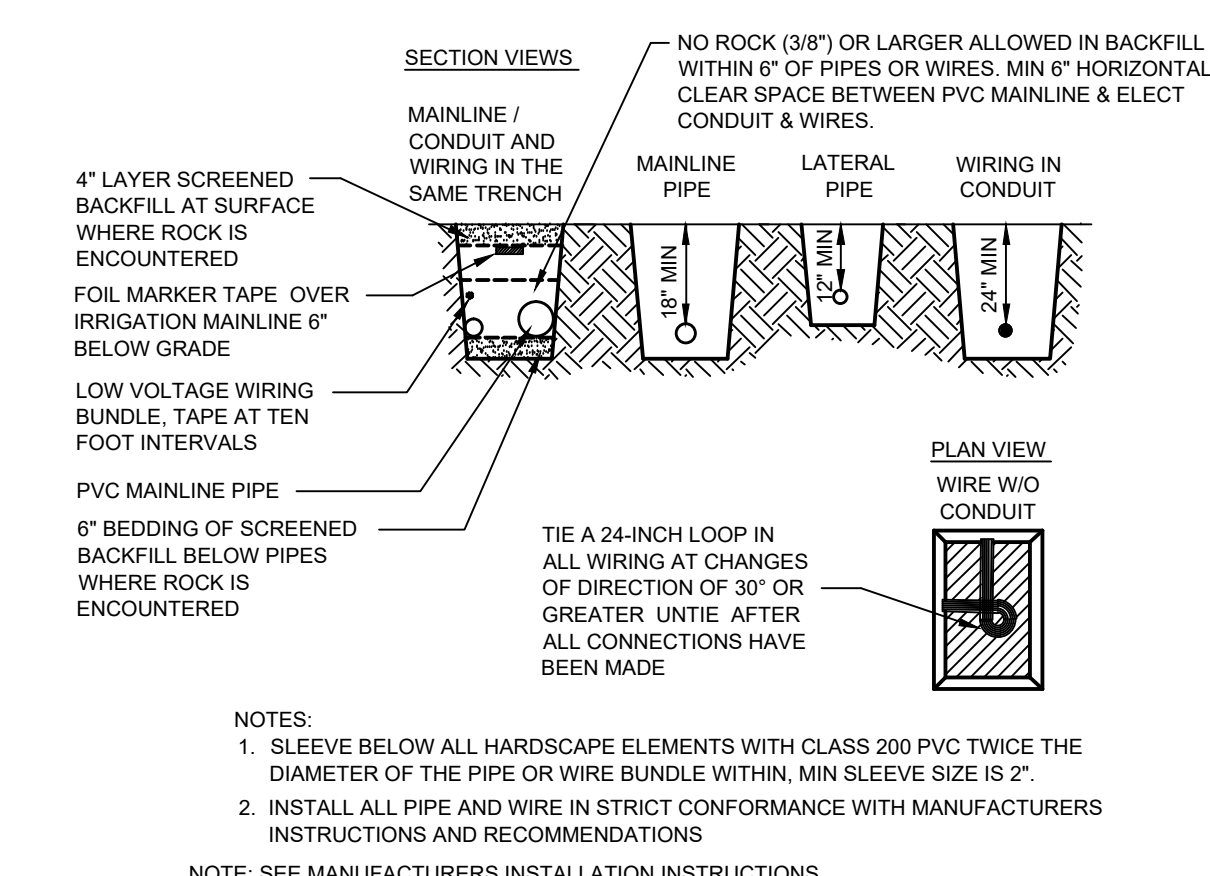
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Sheet No.: **L1.03**

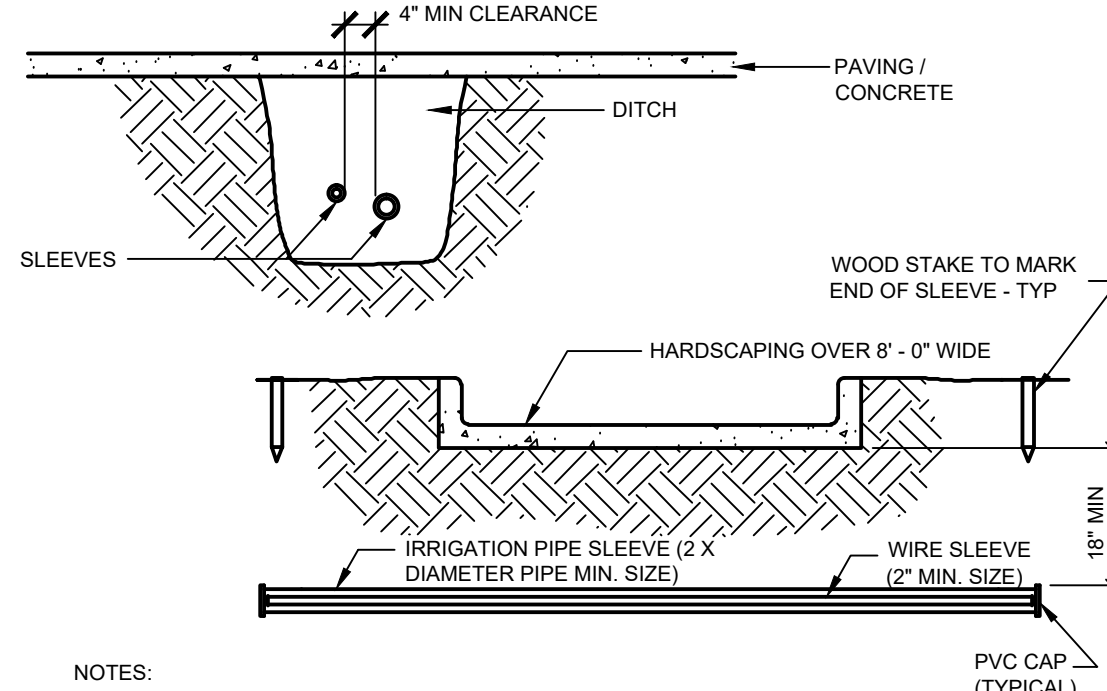
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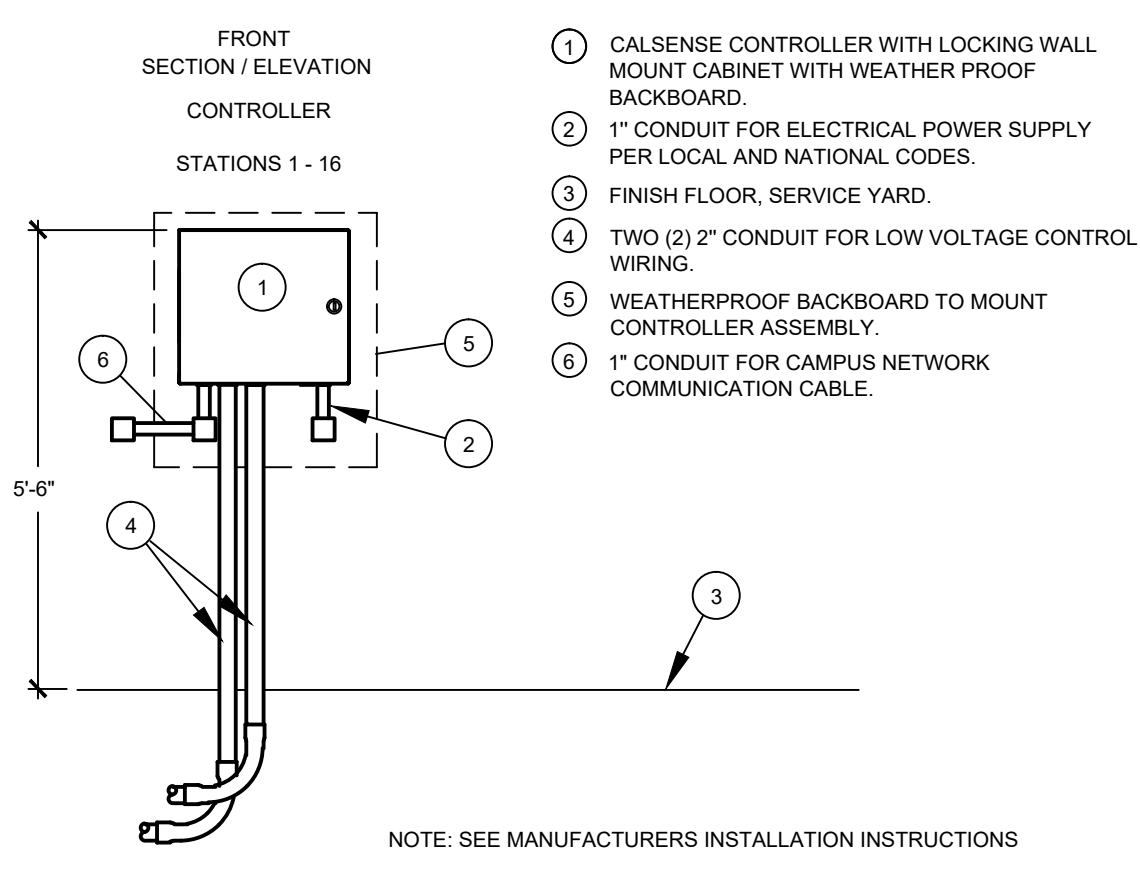
13 WIRE CONNECTORS NTS
L1.04



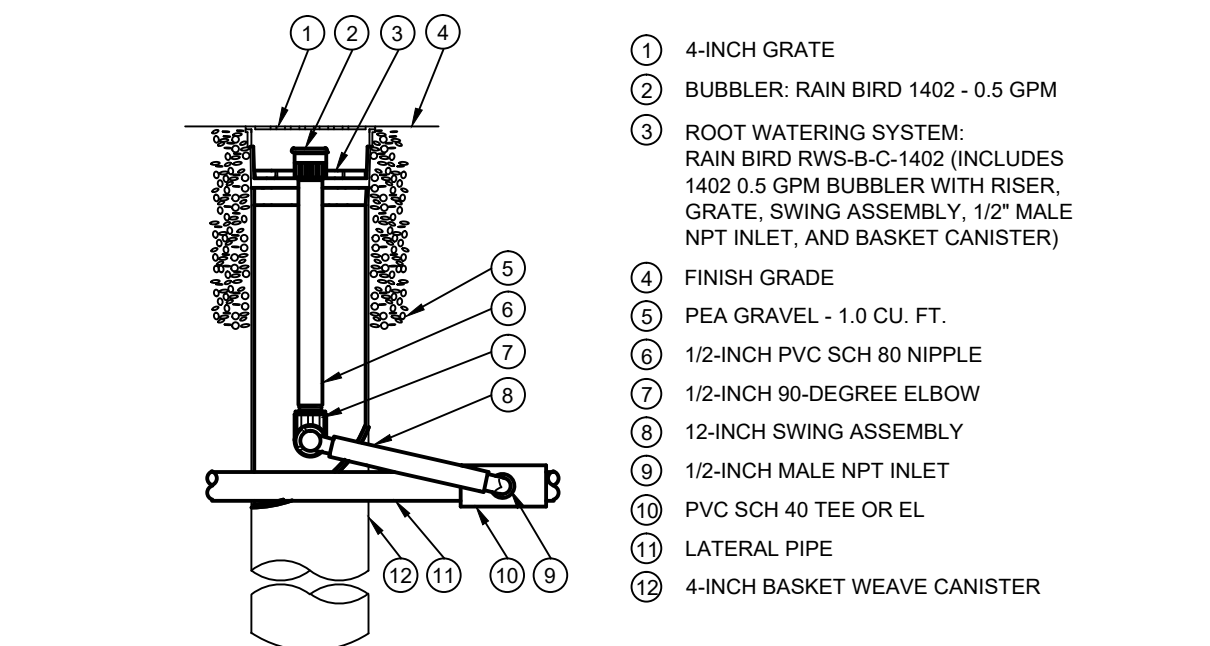
9 TRENCHING DETAIL NTS
L1.04



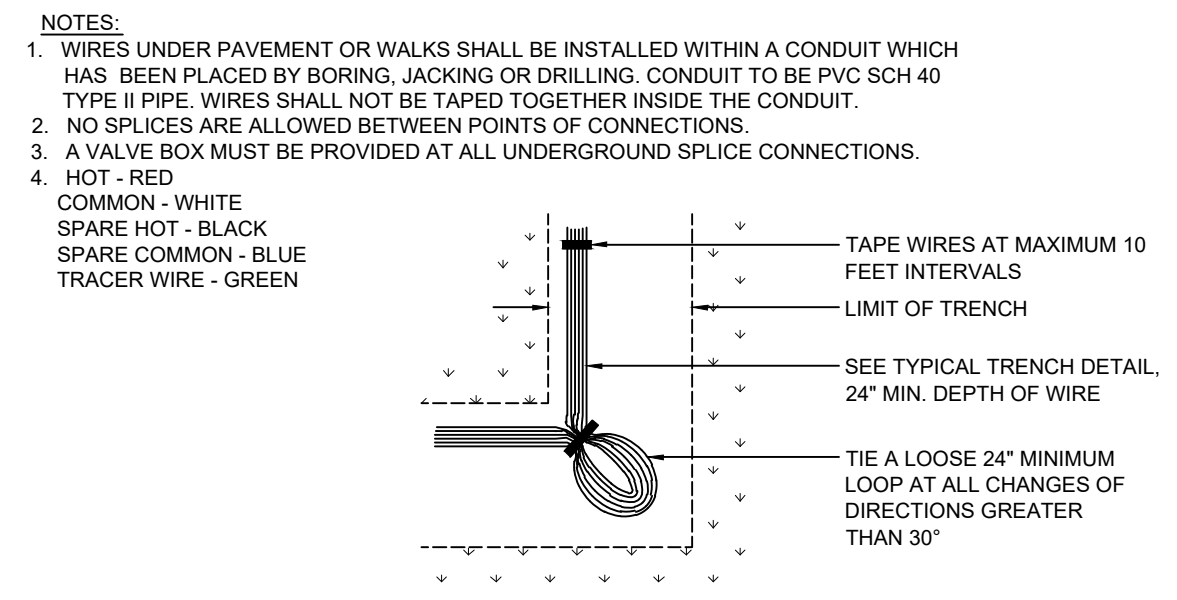
5 SLEEVING DETAIL NTS
L1.04



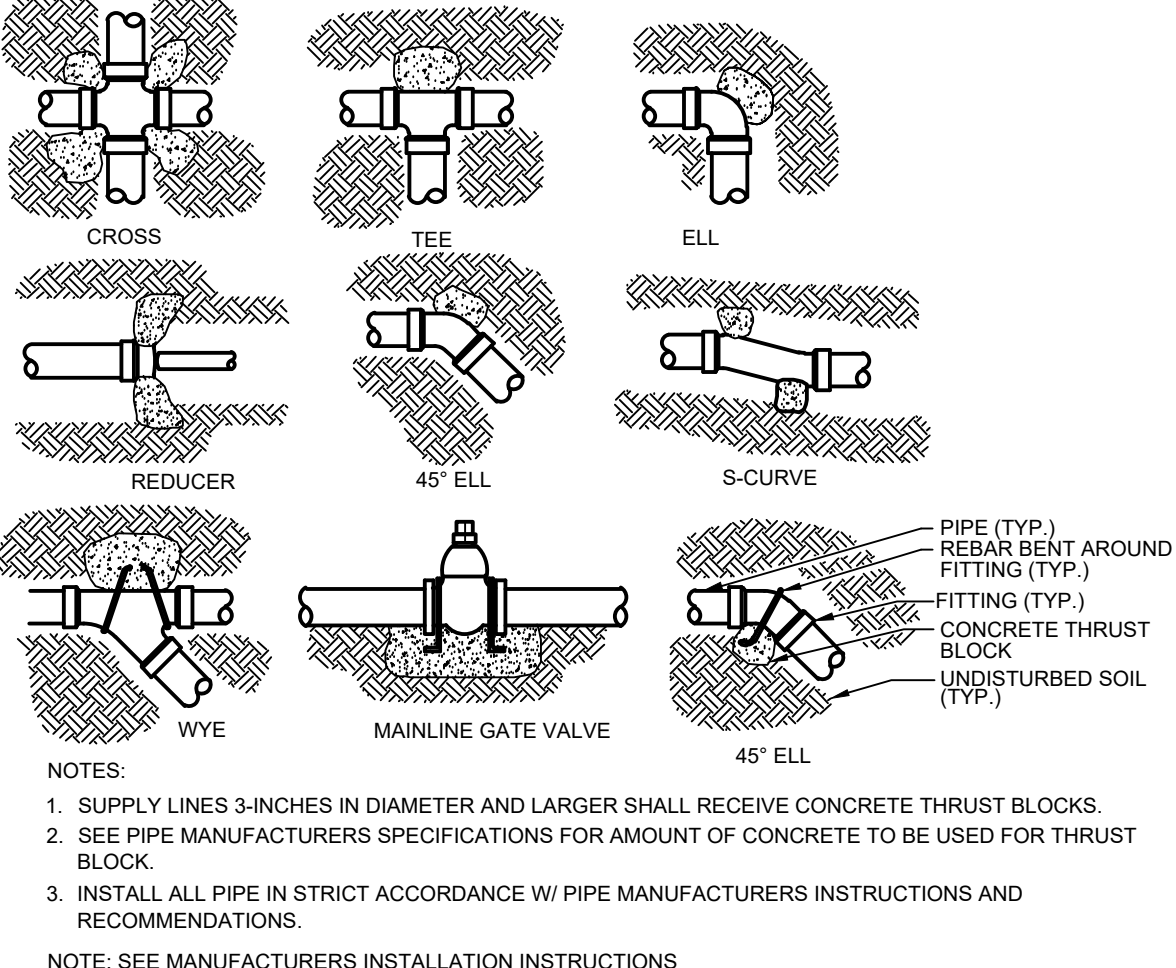
1 IRRIGATION CONTROLLER NTS
L1.04



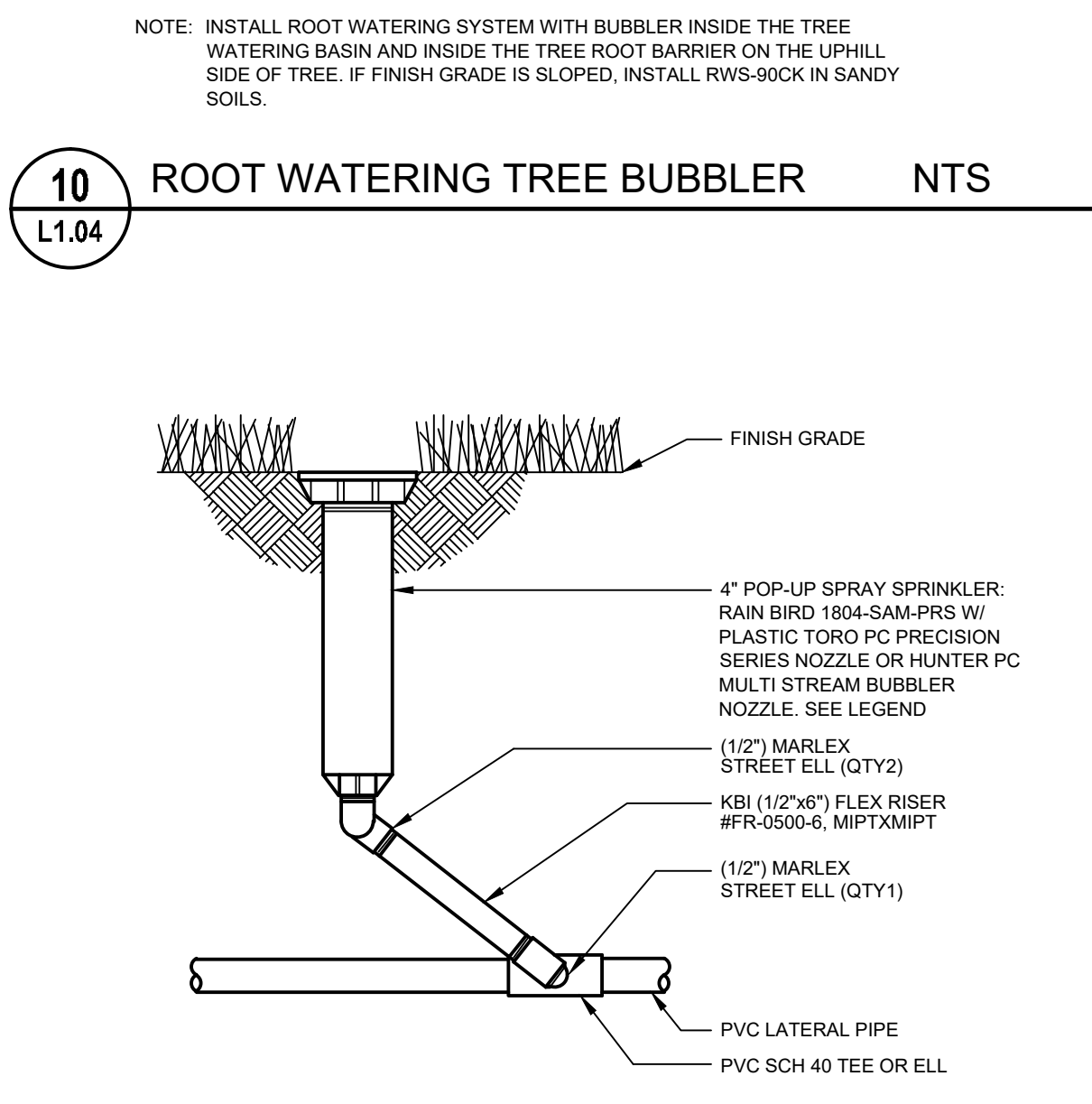
10 ROOT WATERING TREE BUBBLER NTS
L1.04



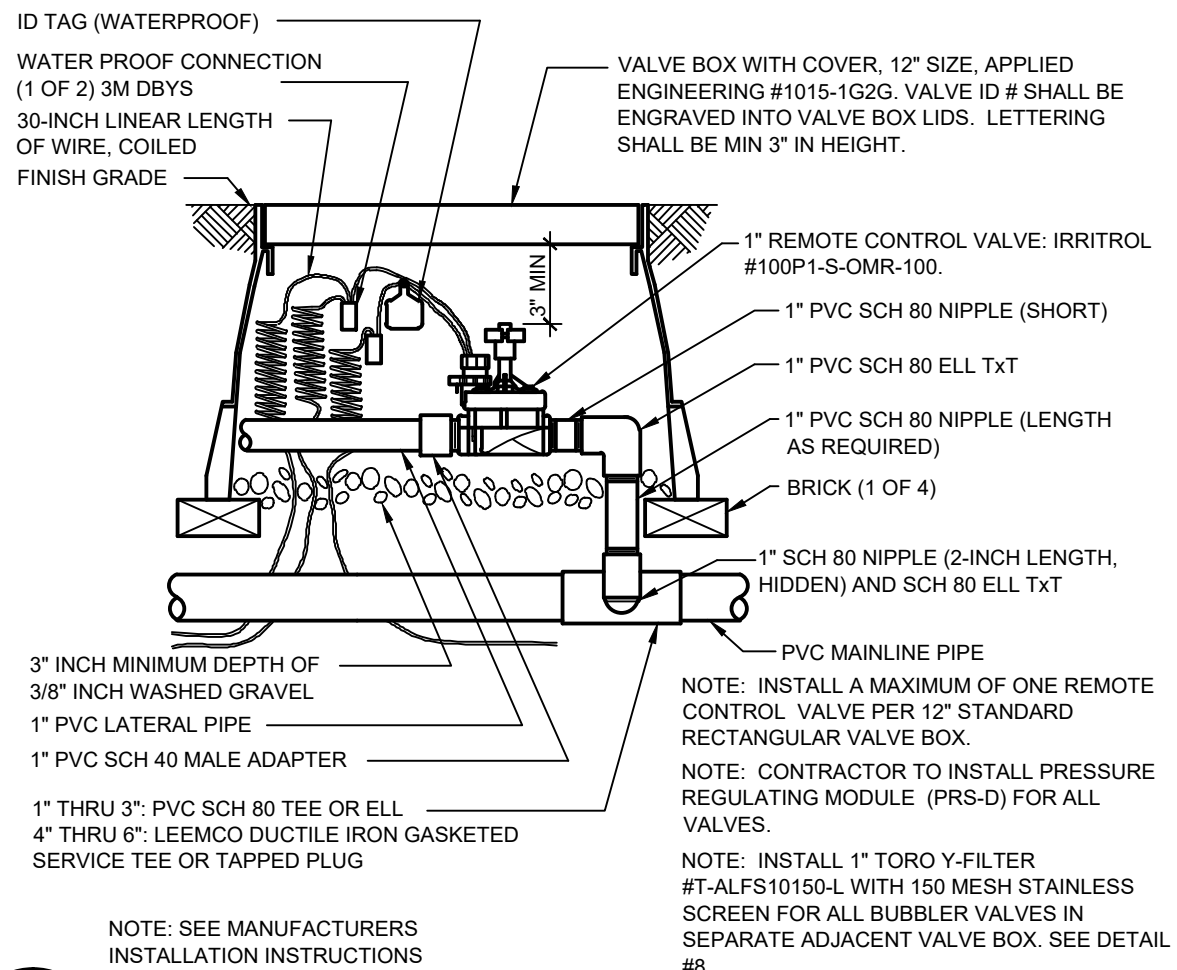
6 IRRIGATION WIRE NTS
L1.04



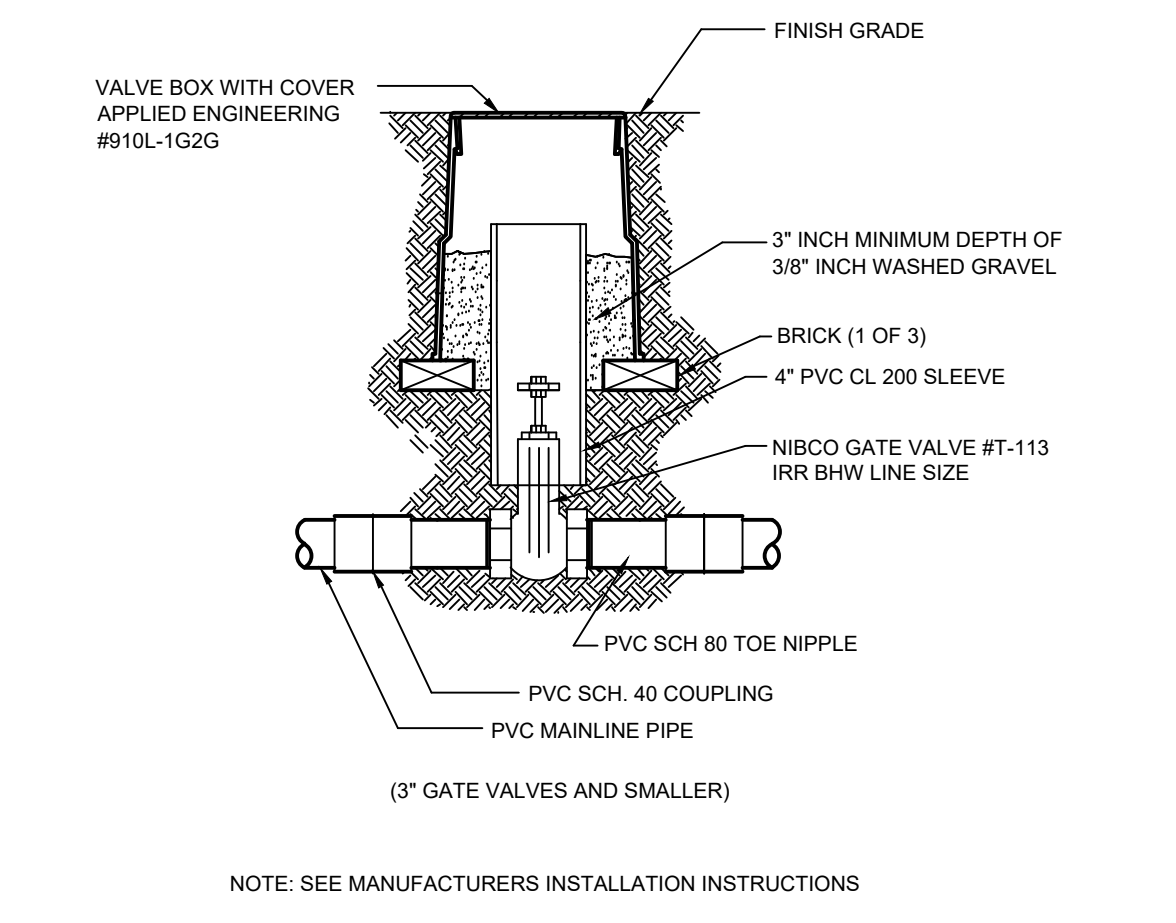
2 THRUST BLOCKS NTS
L1.04



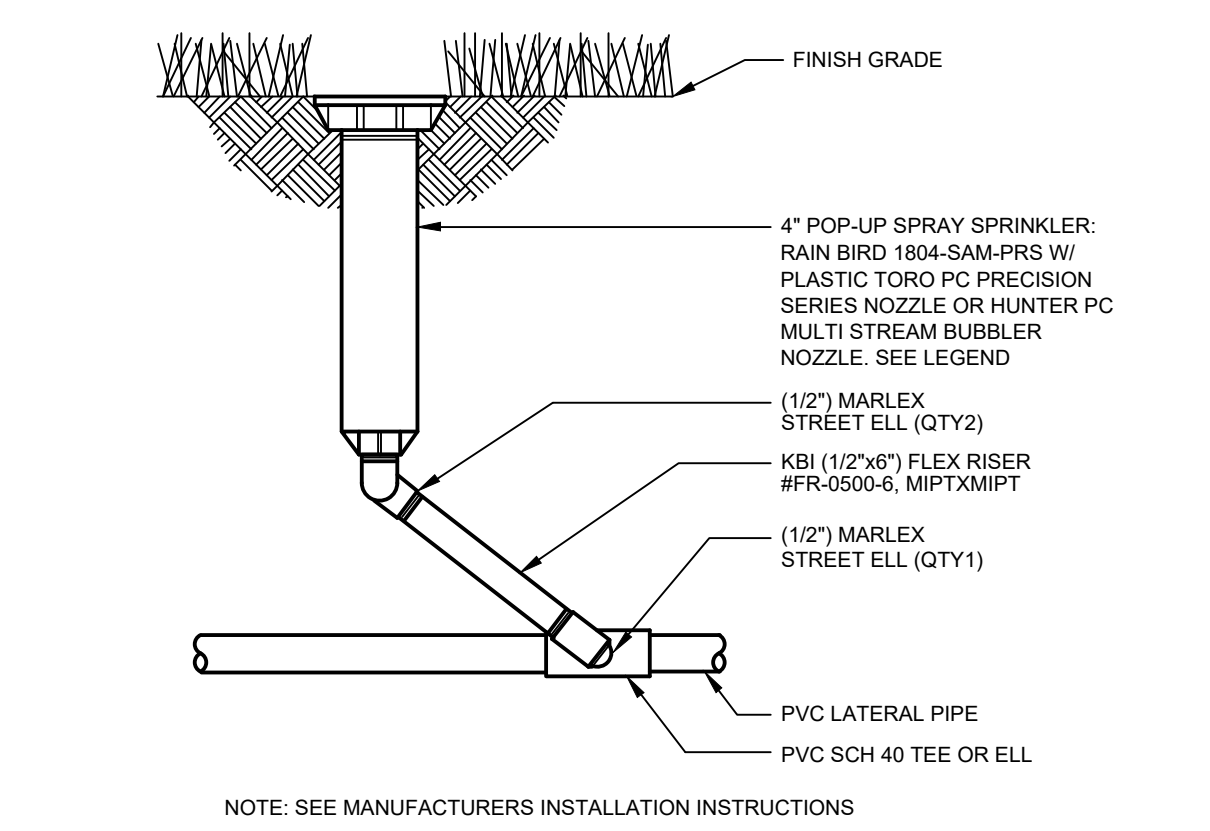
11 4" POP-UP SPRAY BUBBLER NTS
L1.04



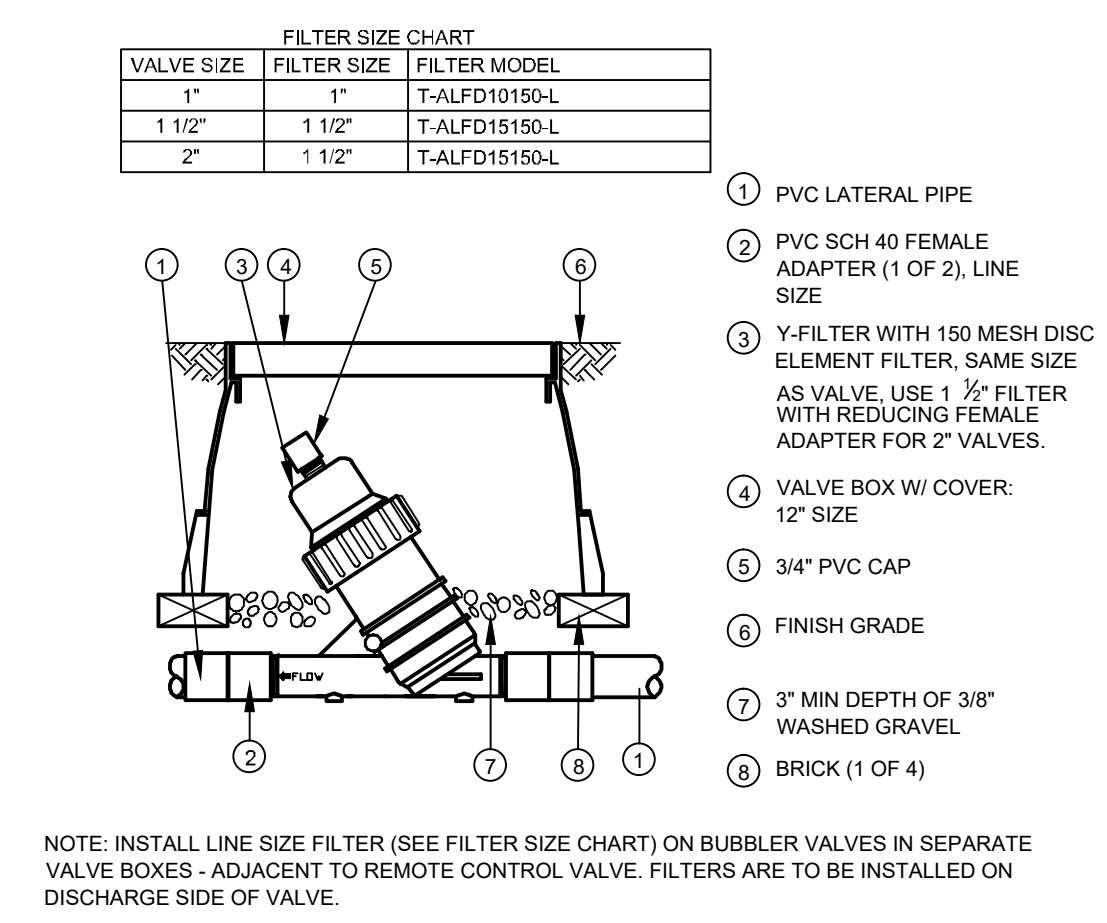
7 1" REMOTE CONTROL VALVE NTS
L1.04



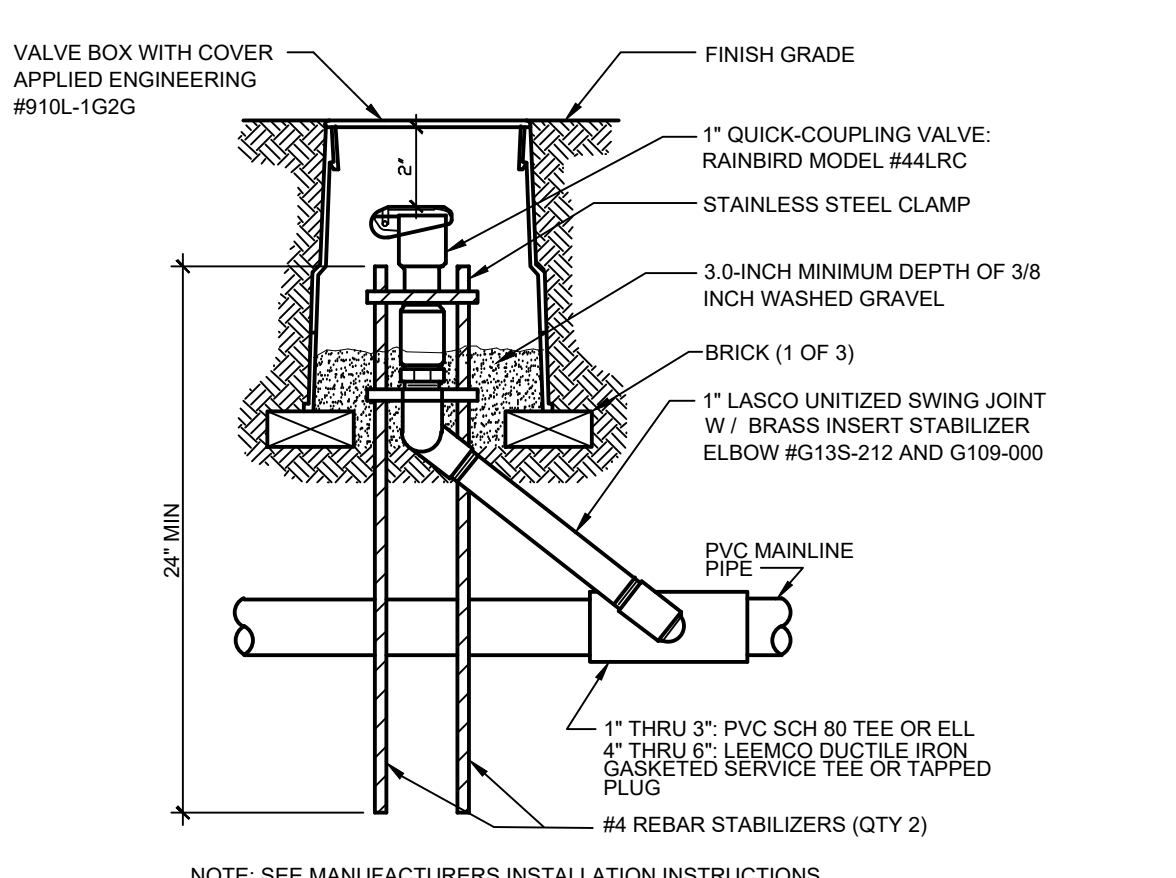
3 MAINLINE GATE VALVE NTS
L1.04



12 4" POP-UP SPRAY SPRINKLER NTS
L1.04



8 Y FILTER DETAIL NTS
L1.04



4 QUICK-COUPLING VALVE NTS
L1.04

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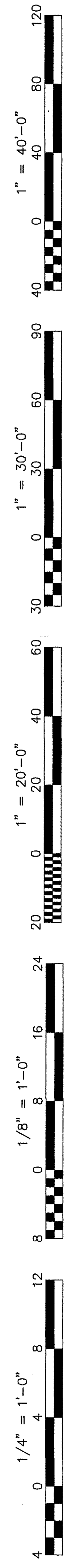
Stamp:

Sheet Title:
IRRIGATION DETAILS

Job No.:
5527

Sheet No.:
L1.04

Release: DSA BACKCHECK



ACCESSIBILITY NOTES

THE PATH OF TRAVEL (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, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A 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.

ARCHITECT HAS INSPECTED THE PATH OF TRAVEL (P.O.T.) AS INDICATED ON THE PLANS AND HAS FOUND IT TO BE, OR HAS INDICATED ON THE PLANS REMEDIAL WORK WHICH WOULD CAUSE IT TO BE, A BARRIER-FREE ACCESSIBLE ROUTE:

- AT LEAST 48" IN WIDTH; OR AS APPROVED BY CODE
- FREE OF ABRUPT LEVEL CHANGES EXCEEDING 1/4" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING 1/4"
- WITH A FIRM, STABLE, AND SLIP RESISTANT WALKING SURFACE
- WITH A RUNNING SLOPE OF 1:20 (5%) OR LESS AND WITH A CROSS SLOPE OF 1:50 (2%) OR LESS OR A RAMP WITH A RUNNING SLOPE OF 1:12 (8.33%) AND A CROSS SLOPE OF 1:50 (2%) WITH APPROPRIATE REQUIREMENTS AS DETAILED WITHIN THIS SET OF DOCUMENTS.
- IS FREE OF OVERHEAD OBSTRUCTIONS WITHIN 80" ABOVE THE WALKING SURFACE
- IS FREE OF OBJECTS WHICH PROTRUDE MORE THAN 4" BETWEEN THE HEIGHTS OF 27" AND 80" ABOVE THE WALKING SURFACE

GENERAL NOTES

A. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO BID. IF ANY DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF LAYOUTS AND ESTABLISHED LOCATIONS OF BURIED UTILITY LINES. ANY UTILITIES REQUIRING RELOCATION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. CONTACT APPLICABLE GOVERNING AGENCIES REGARDING ARRANGEMENT AND COORDINATION OF WORK.

C. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY COMPACTION RETEST DUE TO INITIAL FAILURE. REFER TO RECOMMENDATIONS IN GEOTECHNICAL REPORT DATED 11/10/2017 BY KAZAN & ASSOCIATED FOR PROJECT NO. 022-17151.

D. PROJECT INSPECTOR SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

E. A COPY OF TITLE-24, ALL PARTS APPLICABLE, TO BE KEPT AT THE JOB SITE AT ALL TIMES.

F. ADDENDA SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE) AND APPROVED BY DSA.

G. CONSTRUCTION CHANGE DOCUMENTS SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE), OWNER, AND APPROVED BY DSA.

H. TESTING LAB SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

GENERAL NOTES CONT.

I. ALL COMPLETED WORK SURFACES DISTURBED OR DAMAGED BY SUBSEQUENT WORK SHALL BE REPAIRED IN KIND, TEXTURED AND FINISHED TO MATCH ADJACENT SURFACES.

J. PROVIDE 2" MIN. PVC SLEEVES BELOW WALKS FOR FUTURE SPRINKLERS PER DETAIL 24A1.04

K. NEW CONCRETE WALKS SHALL HAVE SLOPES OF NOT TO EXCEED 1 IN 20 IN THE DIRECTION OF PATH OF TRAVEL AND 1:50 FOR CROSS SLOPE. PROVIDE CONTROL JOINTS ("C") AT 10'-0" O.C. MAX. AND EXPANSION JOINTS NOT TO EXCEED 30'-0" MAX. OR CLOSER WHERE INDICATED. PROVIDE MEDIUM BROOM FINISH ON ALL WALKS.

L. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING ADJACENT FACILITIES FROM DAMAGE INCLUDING BUT NOT LIMITED TO EXISTING FOUNDATIONS SLAB-ON-GRADE, PAVEMENT, UTILITIES, STREETS, ETC.

M. THE GENERAL CONTRACTOR SHALL REFER TO & COMPLY WITH THE GEOTECHNICAL REPORT & SUPPLEMENTS PRIOR TO SITE DEMOLITION WORK & EARTHWORK.

N. CONTRACTORS SHALL REVIEW AND COORDINATE ALL SITE WORK SHOWN ON ARCHITECTURAL DRAWINGS WITH CIVIL, ELECTRICAL, MECHANICAL, LANDSCAPE AND OTHER DRAWINGS AND SPECIFICATIONS PRIOR TO BID AND CONSTRUCTION THAT WILL INCLUDE OTHER WORK NOT SHOWN ON ARCHITECTURAL DRAWINGS. SHOULD CONTRADICTIONS OCCUR, OBTAIN CLARIFICATION FROM ARCHITECT PRIOR TO BID. OTHERWISE CONTRACTORS SHALL BE RESPONSIBLE TO PROVIDE THE MORE RESTRICTIVE REQUIREMENT AS DIRECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new buildings, additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION

School District/Owner: Bakersfield City School District
 Project Name/School: Dr. Martin Luther King Jr. Elementary School - Wellness Center
 Project Address: 1100 Citadel, Bakersfield, CA 93307

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? Yes No
 (If yes, provide a copy of the test data.)

2. Was the fire hydrant water flow test performed as part of this LFA review? Yes No

3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.) Yes No

Refer to the following website for FHSZ locations: <http://oehha.fire.ca.gov/FHSZ/> Moderate High Very High

Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.) WIFA

DSG DSA 810 (revised 12/20/20) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.				<input checked="" type="checkbox"/>
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				<input checked="" type="checkbox"/>
5. Fire Hydrants: Number and spacing does not meet CFC requirements.				<input checked="" type="checkbox"/>
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				<input checked="" type="checkbox"/>
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.				<input checked="" type="checkbox"/>
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				<input checked="" type="checkbox"/>
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				<input checked="" type="checkbox"/>
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				<input checked="" type="checkbox"/>

School District Acceptance of Acceptable Design Alternates

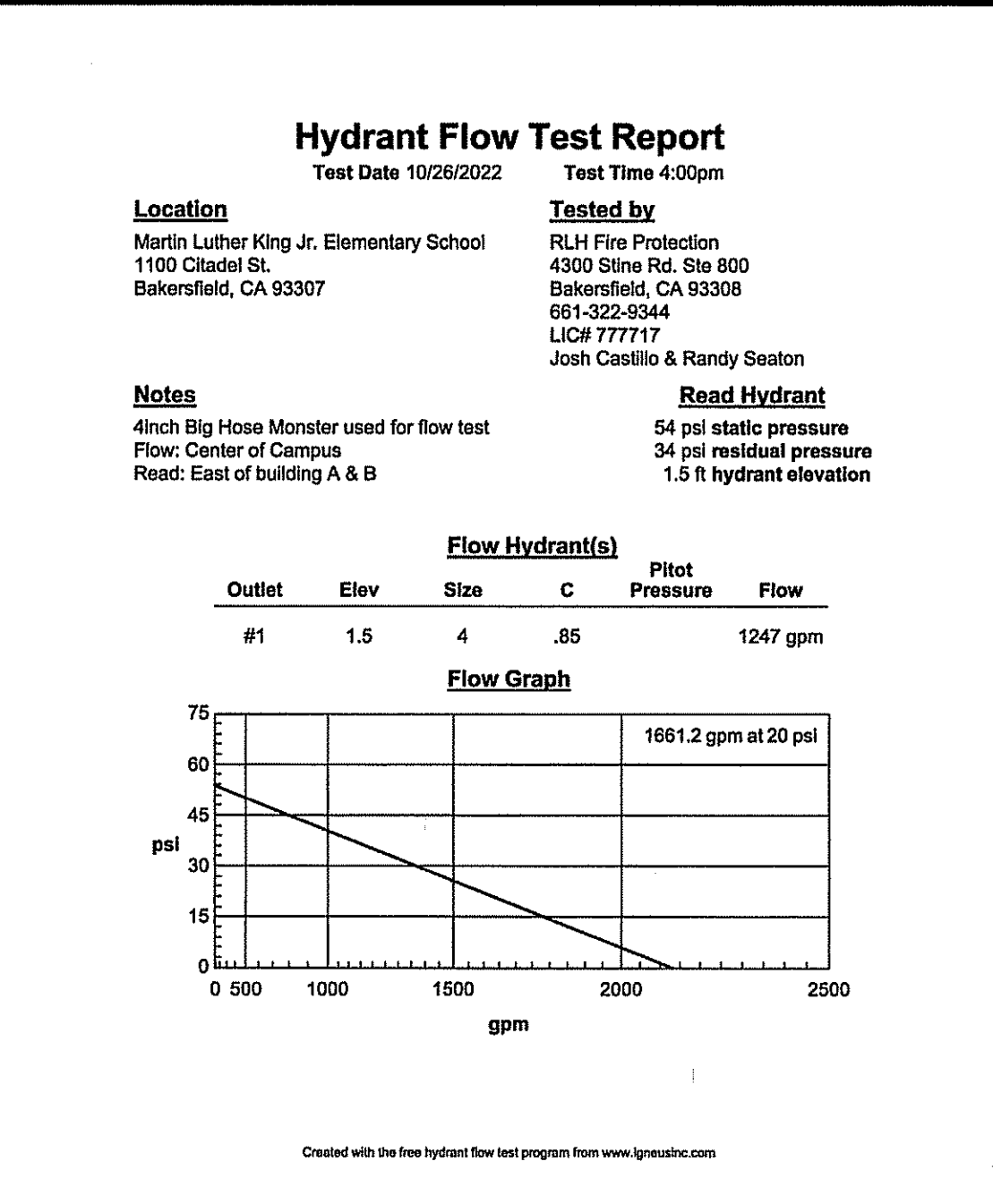
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____
 Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: Bakersfield Fire Department
 LFA Review Official: DENA ARMAGOSTI
 Title: FIRE PREVENTION OFFICER II Work Phone: 661-326-3677
 Work Email: DARMAGOSTI@BAKERSFIELDFIRE.US

LFA Reviewer's Signature: [Signature] Date: 2/7/22



- ### KEY NOTES
- NEW BUILDING UNDER THIS APPLICATION
 - EXISTING BUILDINGS DSA APP # 03-118394
 - (E) FIRE HYDRANT
 - FIRE TRUCK ACCESS LANE (20'-0" WIDE MIN.)
 - NEW CONCRETE SIDEWALK
 - (E) HARDCOVER PLAY AREA
 - (E) 8" HIGH DECORATIVE STEEL FENCE
 - ACCESSIBLE PATH OF TRAVEL
 - POST INDICATOR VALVE (PIV), REFER TO DETAIL 7/A1.03
 - (E) FIRE DEPARTMENT CONNECTION (FDC), PER DSA #03-118284
 - (E) LANDSCAPING & IRRIGATION
 - (E) 8" HIGH CHAINLINK FENCE
 - (E) TOWAWAY ENTRANCE SIGN
 - (E) KNOX BOX KEY VAULT PER LOCAL FIRE AUTHORITY REQUIREMENTS, TYP. AT ALL GATES IN FIRE TRUCK ACCESS ROAD
 - 22' WIDE DECOR. STEEL DBL GATE.
 - (E) 20'-0" WIDE DOUBLE CHAINLINK GATE
 - NEW 6" HIGH CHAINLINK FENCING
 - (E) ADA PARKING STALLS PER DSA #03-118394 (CCD16).
 - (N) PIV SIGN, -SEE C1.1.
 - (E) TOW-AWAY ENTRANCE SIGN PER DSA #03-118394.
 - (E) ACCESSIBLE GATE PER DSA #03-118394 (CCD16).
 - (N) TRUNCATED DOMES, -SEE 8/A1.03.

SAFE DISPERSAL AREA

WELLNESS CENTER	= 3,600 SF
MIXED OCCUPANCY (SEE A2.10)	= 75 OCC
75 OCC x 5 SF PER OCC	= 375 SF REQ'D
400 SF (20' x 20') PROVIDED	= OK

NOTE:

- SAFE DISPERSAL AREA MUST BE 50' AWAY FROM ANY BUILDING. DISPERSAL AREA SHALL BE PROVIDED WITH A SAFE AND UNOBSTRUCTED PATH OF TRAVEL FROM ANY BUILDING.
- SEE ELECTRICAL FOR SAFE DISPERSAL AREA LIGHTING.

PARKING LOTS

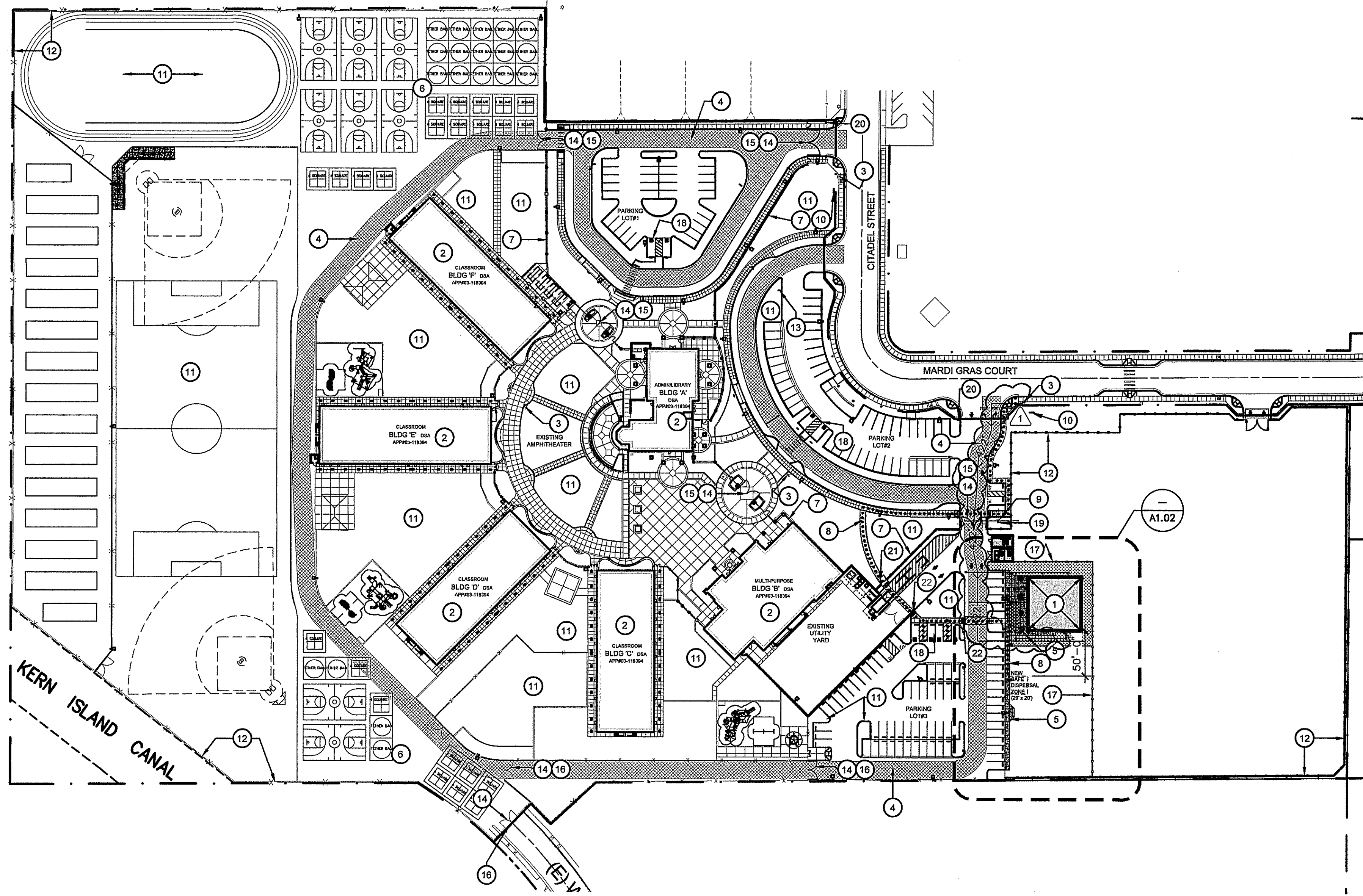
LOT #1
 PARKING STALLS: 30
 ADA STALLS: 2
 (1 VAN)
 TOTAL ADA REQUIRED: 2

LOT #2
 PARKING STALLS: 48
 ADA STALLS: 2
 (1 VAN)
 TOTAL ADA REQUIRED: 2

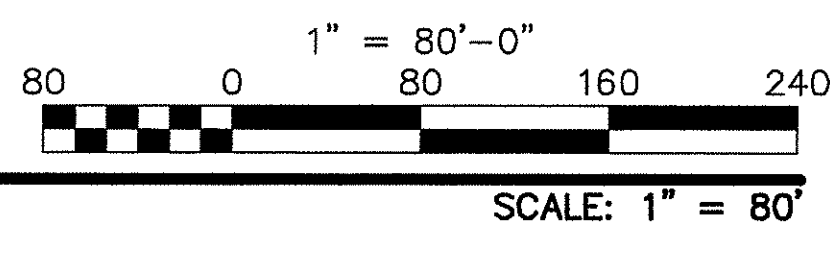
LOT #3
 TOTAL STALLS: 70
 ADA PARKING: 4
 (1 VAN)
 TOTAL ADA REQUIRED: 3

LEGEND

	NEW BUILDING
	EXISTING BUILDING
	NEW CONCRETE SIDEWALK
	(E) 20'-0" WIDE FIRE TRUCK ACCESS LANE
	NEW LANDSCAPE
	PROPERTY LINE
	(N) CHAINLINK FENCE
	ACCESSIBLE PATH OF TRAVEL



SITE PLAN
WELLNESS CENTER



IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-122605 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/11/2023

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
 1300 BAKER STREET
 BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL
 1100 CITADEL STREET
 BAKERSFIELD, CA 93307

integrated designs
 by SOMAM, Inc.

ARCHITECTURE ENGINEERING INTERIOR DESIGN

6011 N. FRESNO STREET, SUITE 130
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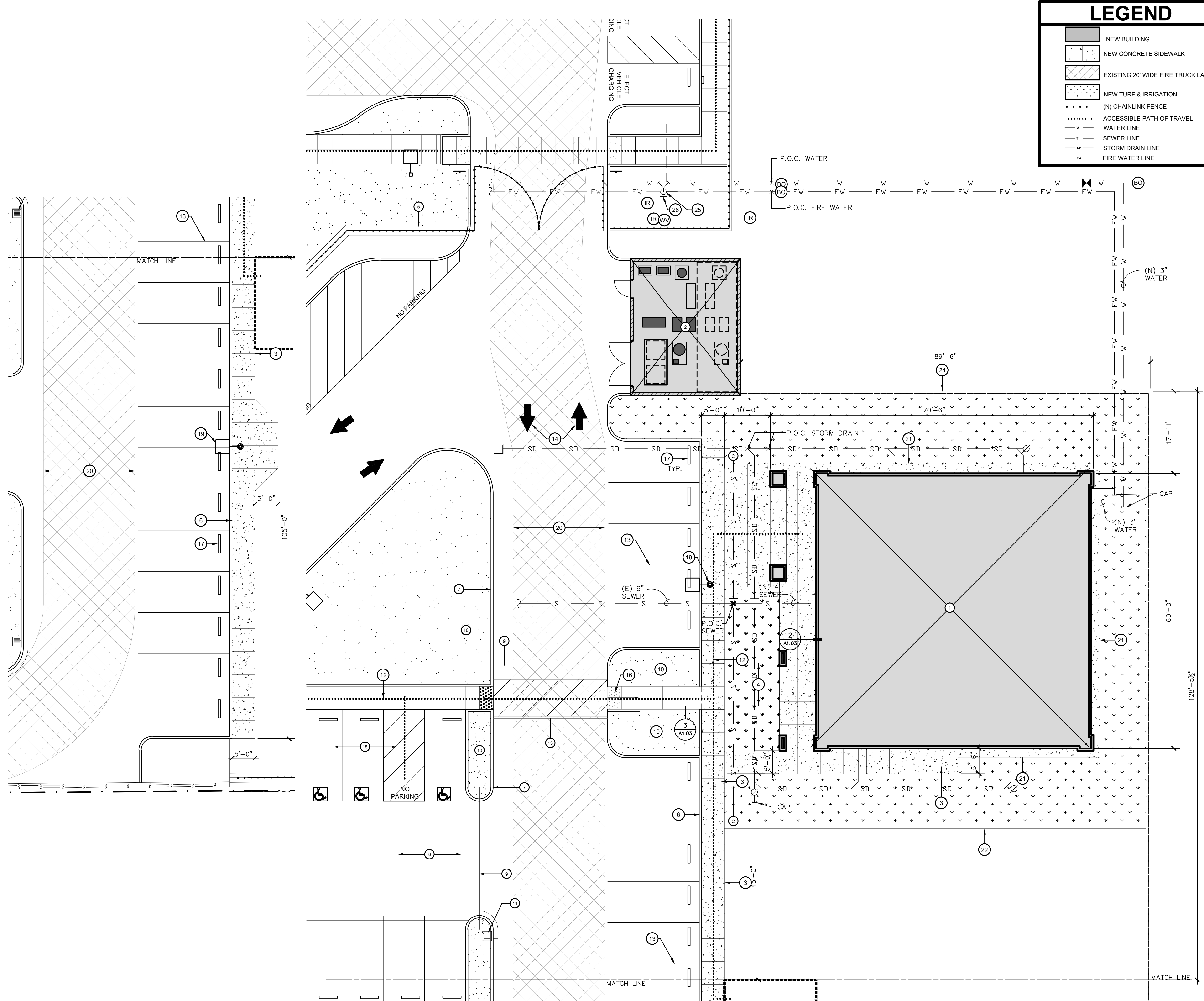
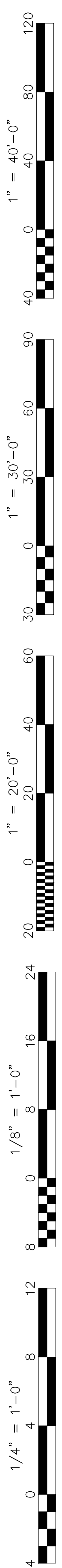
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Sheet Title:
SITE PLAN

Job No.:
5527

Sheet No.:
A1.01

Release: DSA BACKCHECK



LEGEND

- NEW BUILDING
- NEW CONCRETE SIDEWALK
- EXISTING 20' WIDE FIRE TRUCK LANE
- NEW TURF & IRRIGATION
- (N) CHAINLINK FENCE
- ACCESSIBLE PATH OF TRAVEL
- WATER LINE
- SEWER LINE
- STORM DRAIN LINE
- FIRE WATER LINE

KEY NOTES

1. NEW BUILDING
2. EXISTING UTILITY YARD
3. NEW CONCRETE SIDEWALK - SEE DETAIL 1/A1.03
4. NEW LANDSCAPE & IRRIGATION
5. (E) DECORATIVE STEEL FENCE
6. (E) CONCRETE CURB
7. (E) CONCRETE CURB PAINTED RED W/ "FIRE LANE" PAINTED IN WHITE PAINT AT 30'-0" O.C. ON TOP AND SIDE
8. (E) AC PAVING
9. (E) IRRIGATION SLEEVE
10. (E) LANDSCAPING & IRRIGATION
11. (E) DRAIN INLET
12. DOTTED LINE INDICATES ACCESSIBLE PATH OF TRAVEL
13. (E) 4" WIDE PAINTED PARKING STALL STRIPING
14. (E) PAINTED DIRECTIONAL ARROW
15. (E) PAINTED WHITE CROSSWALK STRIPING 12" WIDE SPACED 24" APART, 8' LONG
16. (E) TRUNCATED DOMES
17. (E) WHEEL STOP
18. (E) ACCESSIBLE PARKING - PER DSA#03-118394
19. (E) PARKING LOT LIGHT POLE AND BASE
20. (E) FIRE TRUCK ACCESS LANE 20'-0" WIDE
21. (N) CONCRETE MOWSTRIP - SEE DETAIL 4/A1.03
22. (N) LANDSCAPE CURB
23. (N) CONCRETE CONTROL JOINT - SEE 2/A1.03
24. (N) 8FT. HIGH CHAINLINK FENCING. SEE DETAIL 10/A1.03
25. (N) POST INDICATOR VALVE (PIV). REFER TO DETAIL 7/A1.03.
26. (N) PIV SIGN - SEE C1.1.

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- D. PROJECT INSPECTOR SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.
- E. A COPY OF TITLE-24, ALL PARTS APPLICABLE, TO BE KEPT AT THE JOB SITE AT ALL TIMES.
- F. ADDENDA SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE) AND APPROVED BY DSA.
- G. C.C.D.s SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE), OWNER AND APPROVED BY DSA.
- H. TESTING LAB SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.
- I. ALL WORK SURFACES DISTURBED OR DAMAGED BY THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN KIND, TEXTURED AND FINISHED TO MATCH ADJACENT SURFACES.
- J. NEW CONCRETE WALKS SHALL HAVE SLOPES NOT TO EXCEED 1 IN 20 IN THE DIRECTION OF PATH OF TRAVEL. PROVIDE CONTROL JOINTS (C) AT 5'-0" O.C. MAX. AND EXPANSION JOINTS NOT TO EXCEED 30'-0" MAX. PROVIDE MEDIUM BROOM FINISH ON ALL WALKS.
- K. ALL BUILDING AND ROOM NAMES INDICATED ON THESE CONSTRUCTION DOCUMENTS ARE "NOT" THE ACTUAL BUILDING/ ROOM SIGNAGE DESIGNATION. THE GENERAL CONTRACTOR SHALL FURNISH, INSTALL AND COORDINATE ALL REQUIRED SIGNAGE WITH THE OWNER/ARCHITECT PRIOR TO STARTING CONSTRUCTION.
- L. GENERAL CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE RELOCATABLE BUILDING DELIVERY DATES TO THE SCHOOL SITE WITH THE MFR.
- M. THE GENERAL CONTRACTOR SHALL CONSTRUCT ALL NEW RELOCATABLE BUILDING FOUNDATIONS AS PER THE RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.
- N. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL HOOK-UPS TO THE RELOCATABLE BUILDINGS AFTER INSTALLATION HAS BEEN COMPLETED BY THE MANUFACTURER.
- O. 5'-0" DEEP x 8'-0" WIDE MINIMUM LANDINGS AT DOORWAYS SHALL BE AS DETAILED AND SHALL HAVE SLOPES (IN ANY DIRECTION) OF NOT GREATER THAN 1/4 IN 12 SLOPE. SLOPES SHALL BE AWAY FROM DOORWAYS.
- P. GENERAL/SITE CONTRACTOR SHALL FIELD VERIFY THAT EXISTING PATH OF TRAVEL (P.O.T.) IS A MINIMUM OF 4'-0" WIDE AND IS SLIP RESISTANT. IF IT IS NOT, THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF RECORD AND A REMEDY OR ALTERNATE P.O.T. WILL BE PROVIDED.
- Q. THE MAXIMUM DROP BETWEEN EXISTING FINISHED GRADES AND THE TOP OF THE P.O.T. SHOULD NOT EXCEED 4". IF IT DOES, PROVIDE THE NECESSARY WARNING CURB PER CBC SEC. 11B-303.5.
- R. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:
IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A C.C.D. OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.
*PER DSA IR 16-1, SEC. 5.4
- S. CONTRACTOR SHALL ADJUST ALL DOOR CLOSERS TO A MAXIMUM OPENING FORCE OF 5 LBF

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DATE: 05/11/2023

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
WELLNESS CENTER
1100 CITADEL STREET
BAKERSFIELD, CA 93307

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by SOMAM, Inc.
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**ENLARGED
SITE PLAN**

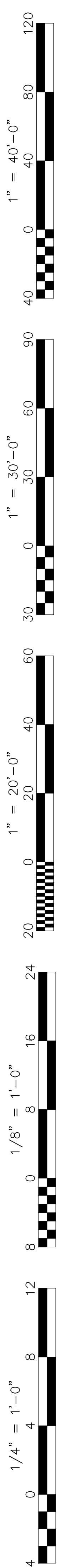
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ENLARGED SITE PLAN
WELLNESS CENTER

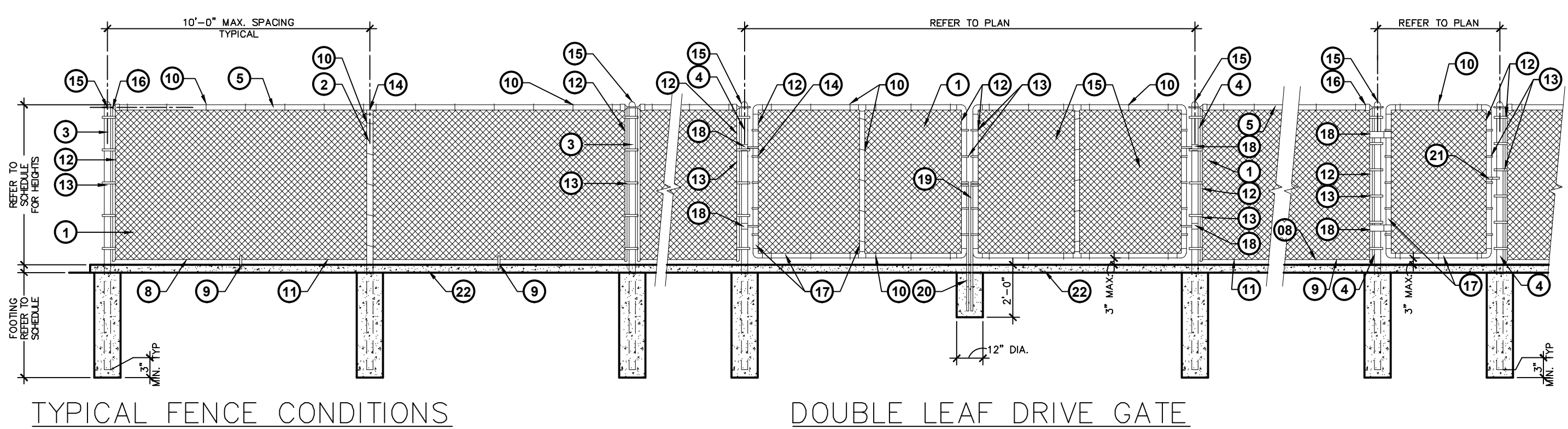
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LEGEND

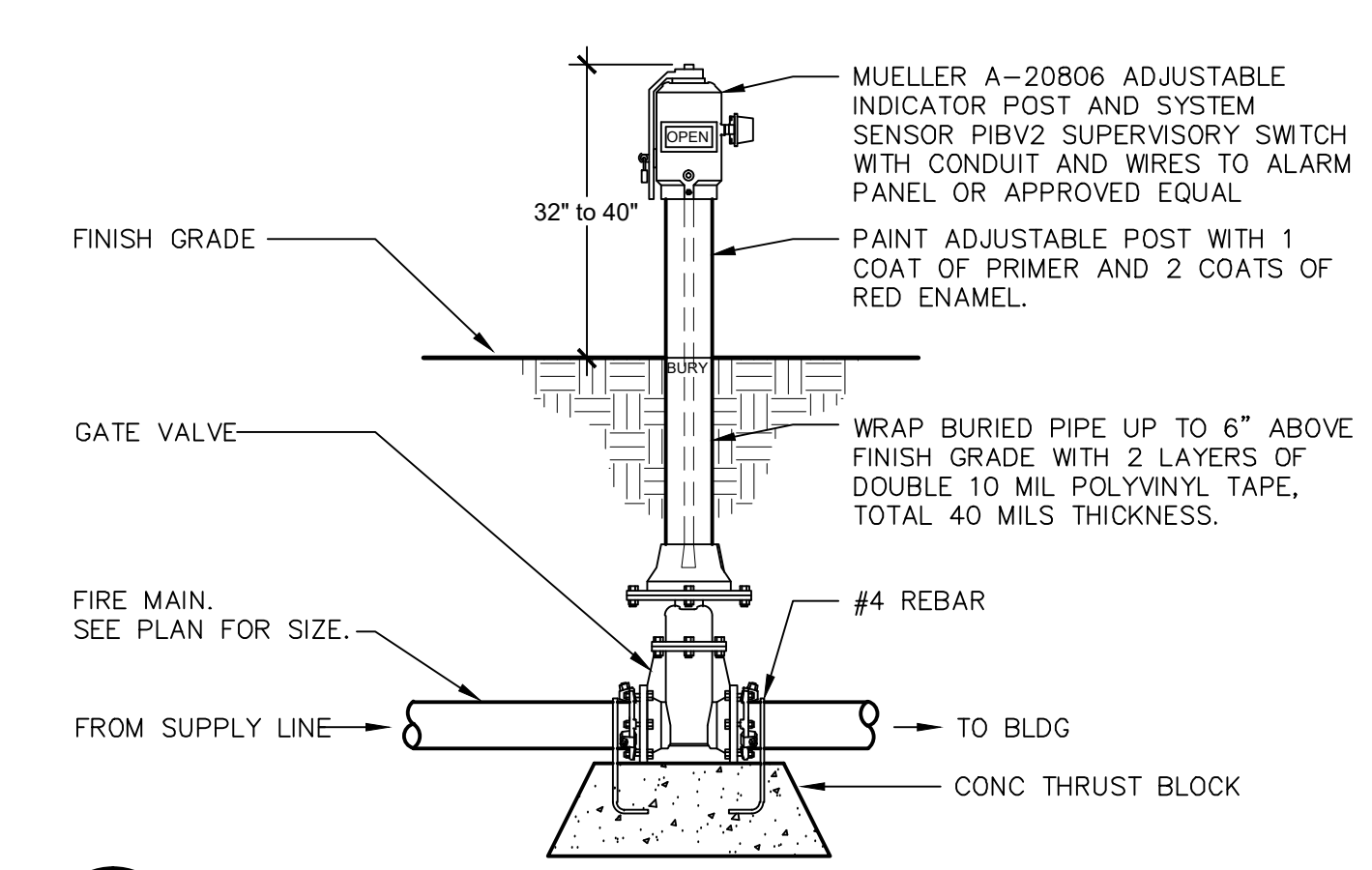
- 1 FABRIC, 2" WIRE MESH, 9 GAUGE, KNUCKLED SELVEGE TOP AND BOTTOM
- 2 POST, LINE
- 3 POST, TERMINAL/CORNER
- 4 POST, GATE
- 5 RAILS, TOP
- 6 RAILS, HORIZONTAL
- 7 RAILS, BRACES
- 8 TENSION WIRE, 7 GAUGE, STEEL COLD DRAWN; ASTM A-82
- 9 HOOK BOLTS, 60° ON CENTER
- 10 TIE WIRES: A) TO LINE POSTS AT 16" ON CENTER B) TO TOP RAIL, BRACE RAILS, AND BOTTOM TENSION WIRE AT 18" ON CENTER
- 11 HOG RINGS TO BOTTOM TENSION WIRE AT 18" ON CENTER
- 12 TENSION BAR, 3/16"x3/4", MILD STEEL
- 13 TENSION BANDS, AT 15" ON CENTER
- 14 FITTINGS, POST CAP, LINE
- 15 FITTINGS, POST CAP, TERMINAL
- 16 FITTINGS, TOP RAIL SLEEVES
- 17 GATES, FRAME
- 18 GATES, HARDWARE, HINGES, MALLEABLE IRON, DOUBLE CLAMPING, NON-LIFT-OFF, OFFSET TYPE FOR 180° SWING
- 19 GATES, HARDWARE, DOUBLE LEAF LATCH, CENTER DROP ROD OR PLUNGER BAR, WITH INTEGRAL PADLOCK EYES
- 20 GATES, HARDWARE, STOP, FLUSH STEEL PLATE, WITH ANCHORS.
- 21 GATES, HARDWARE, LEAF LATCH
- 22 MOWSTRIP PER DETAIL 7/A1.05.
- 23 POST FOOTING. SEE CHAIN LINK POST AND FOOTING SCHEDULE.

MAX. FENCE HEIGHT	CHAIN LINK POST AND FOOTING SCHEDULE				CHAIN LINK GATE POST AND FOOTING SCHEDULE		
	LINE POSTS		TERMINAL/CORNER POSTS		MAX GATE LEAF WIDTH	GATE POST	POST FOOTINGS
6'-0"	POST	FOOTING	POST	FOOTING	3'-8" THRU 8'-0"	2-7/8" O.D.	12" DIA. X 3'-0"D.
6'-0" PERIMETER, BIKE ENCLOSURES, TYPICAL UNLESS OTHERWISE NOTED	2-3/8" O.D.	10" DIA. X 3'-0"D	2-7/8" O.D.	12" DIA. X 3'-6"D	8'-0" THRU 13'-0"	4" O.D.	12" DIA. X 4'-0"D.
					OVER 13'-0"	4" O.D.	12" DIA. X 5'-0"D.

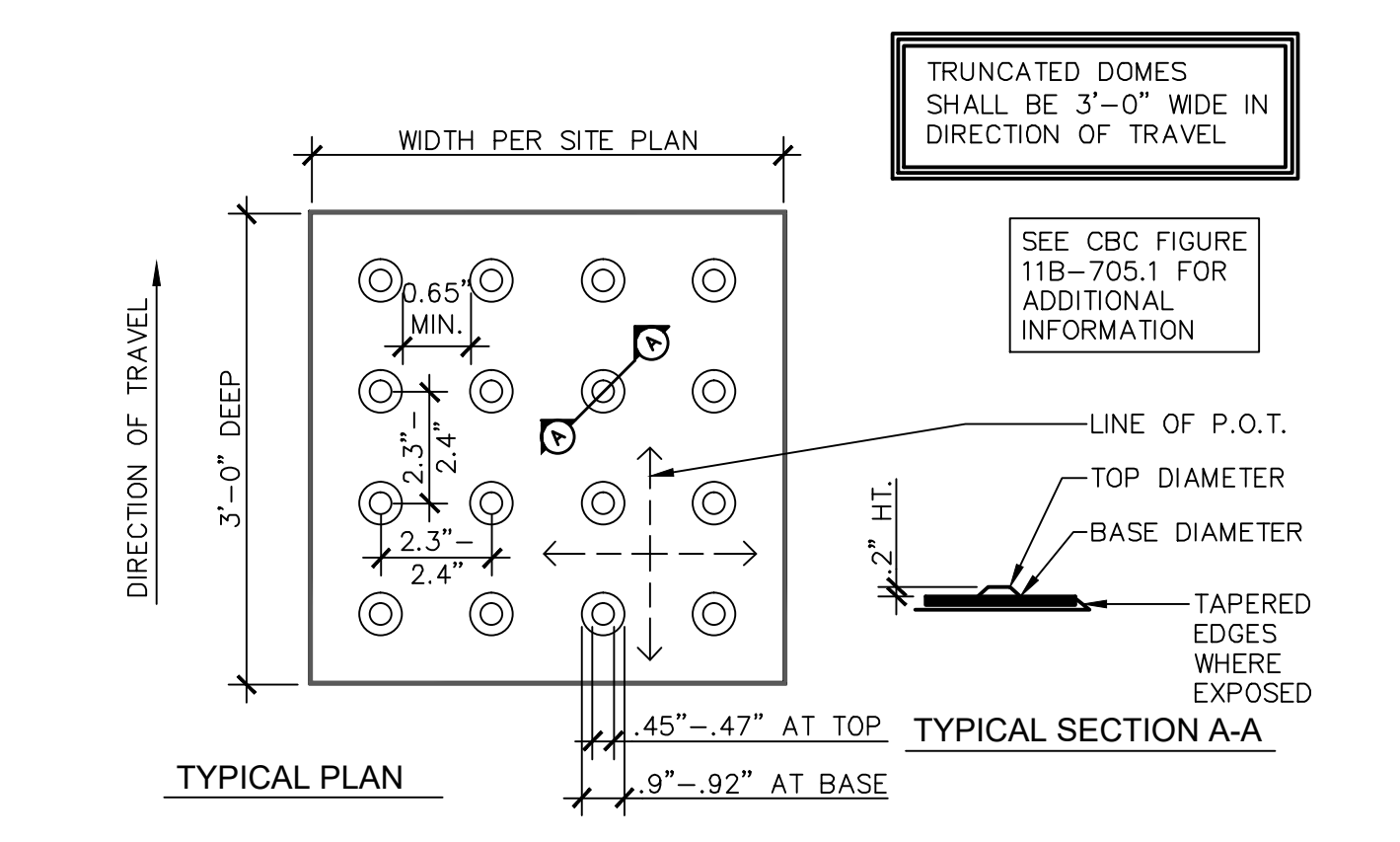


10 TYPICAL FENCE / DRIVE & MAINTENANCE GATE
 A1.03 ADY100-05_ADD2
 SCALE: 1/4" = 1'-0"

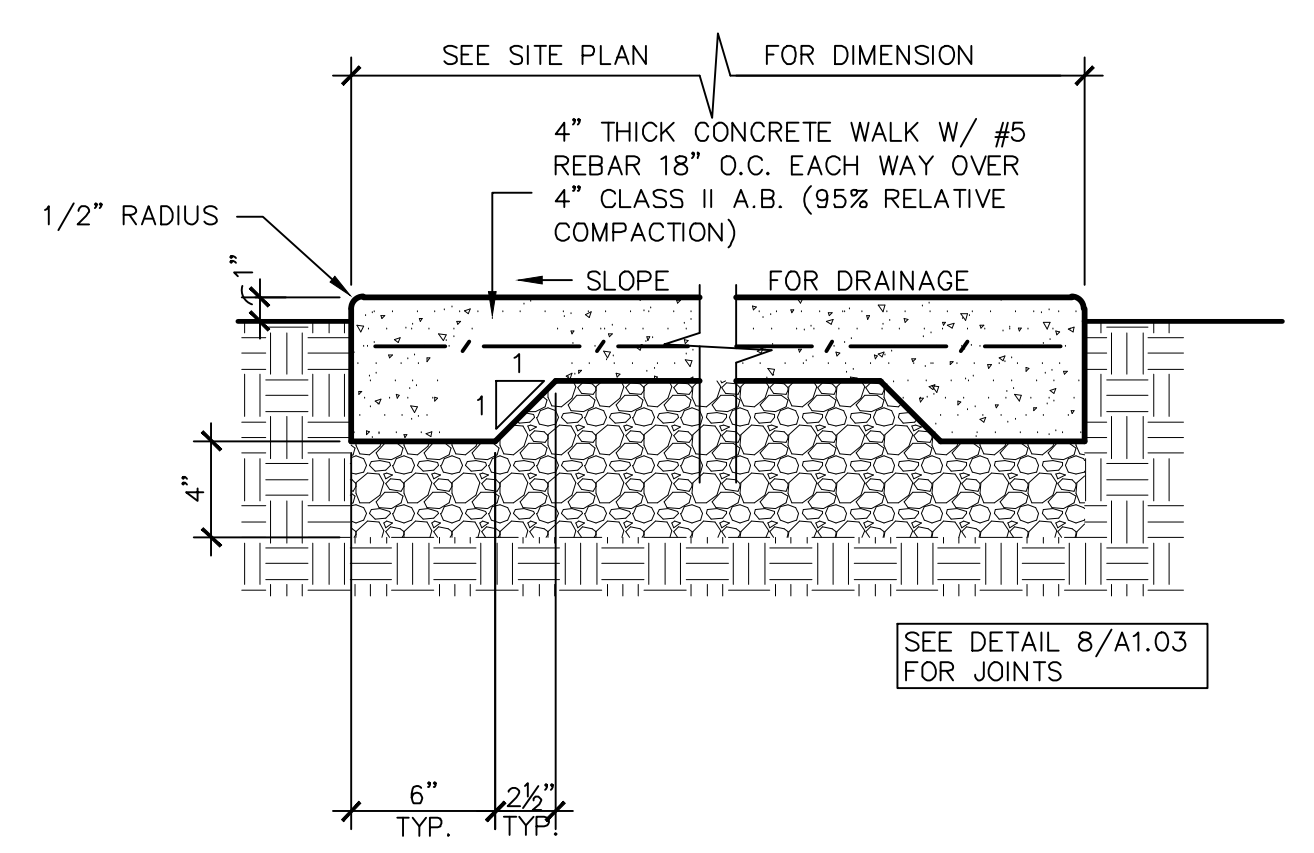
7 POST INDICATOR VALVE (PIV)
 A1.03 SDU230-21
 SCALE: N.T.S.



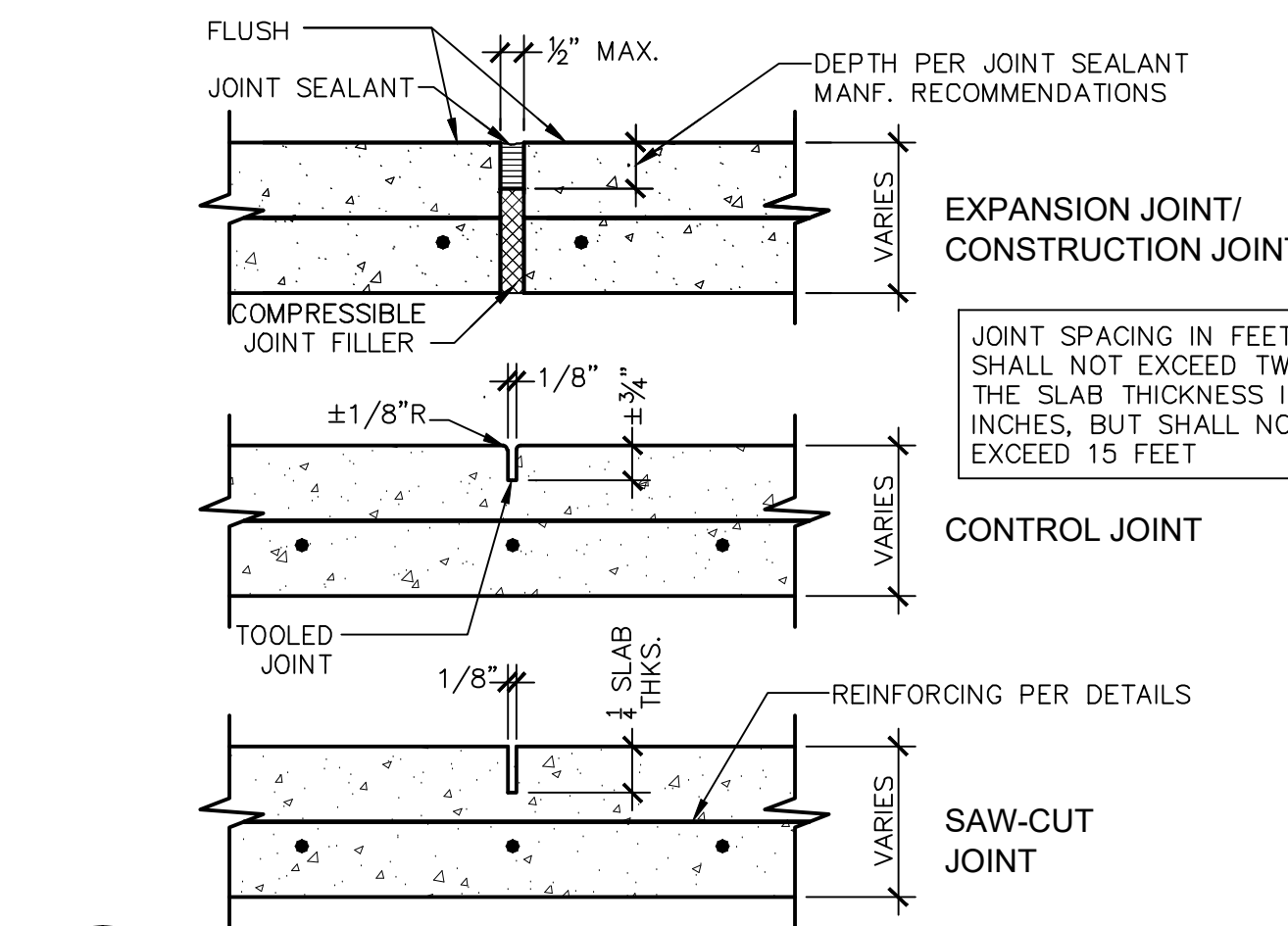
7 POST INDICATOR VALVE (PIV)
 A1.03 SDU230-21
 SCALE: N.T.S.



8 TRUNCATED DOMES COLOR: FEDERAL YELLOW FS 33538
 A1.03 ADA100-23
 SCALE: N.T.S.

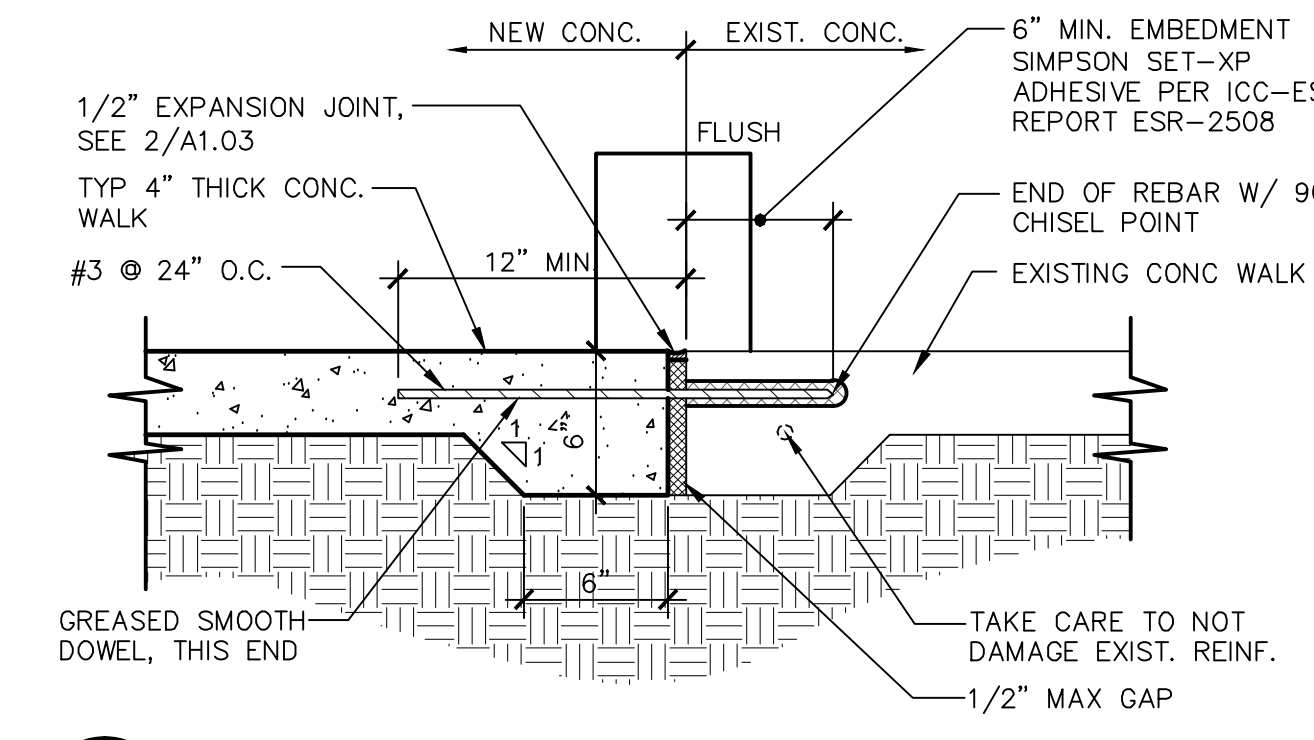


1 TYPICAL CONCRETE WALK
 A1.03 ADS100-15
 SCALE: 1 1/2" = 1'-0"

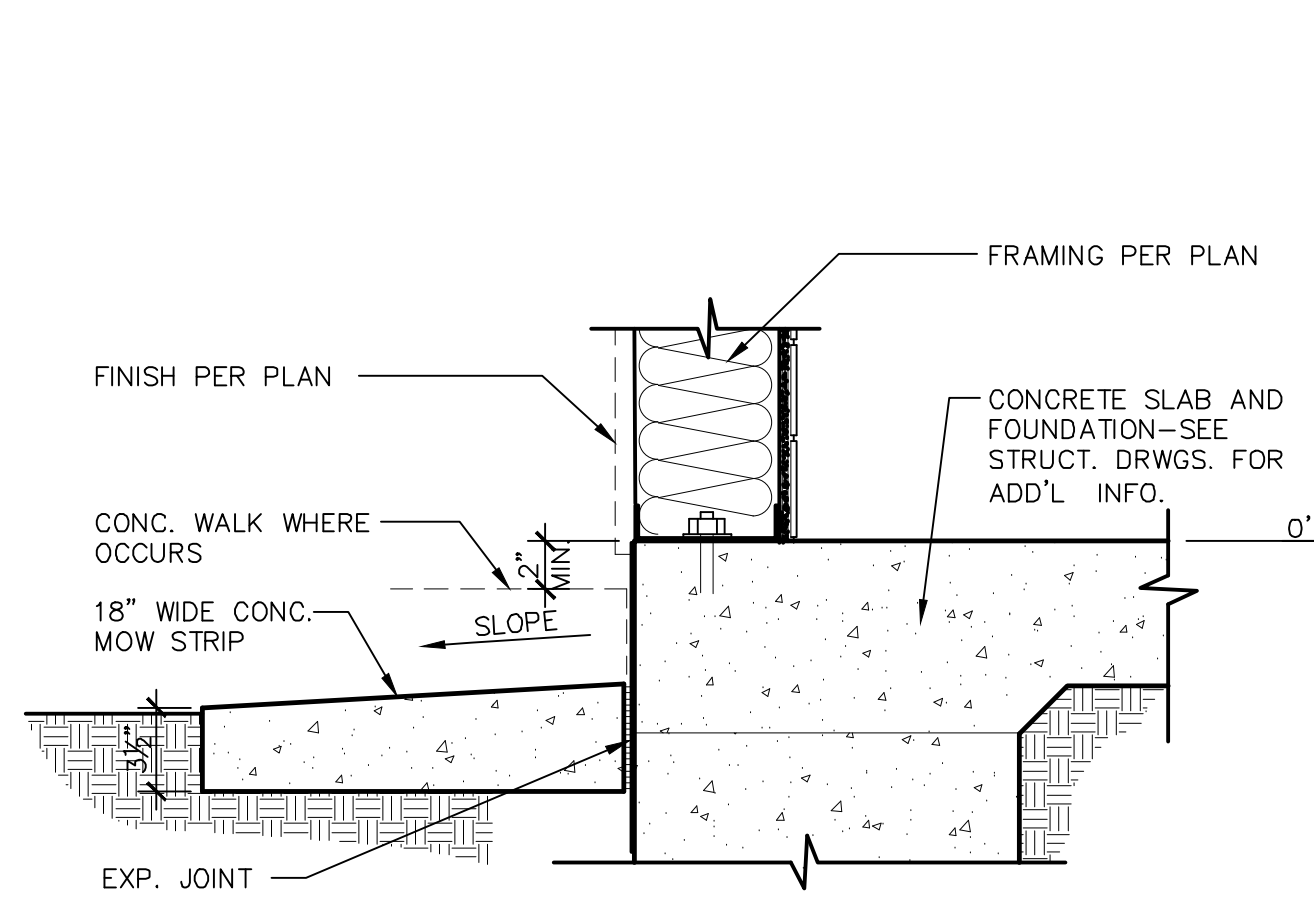


2 CONCRETE CONTROL JOINTS
 A1.03 ADS110-01
 SCALE: 3" = 1'-0"

INSTALLATION:
 1. DRILL HOLE 1/8" LARGER THAN REBAR DIAMETER
 2. CLEAN HOLE THOROUGHLY OF DUST AND FRAGMENTS WITH WATER, WIRE BRUSH, AND AIR.

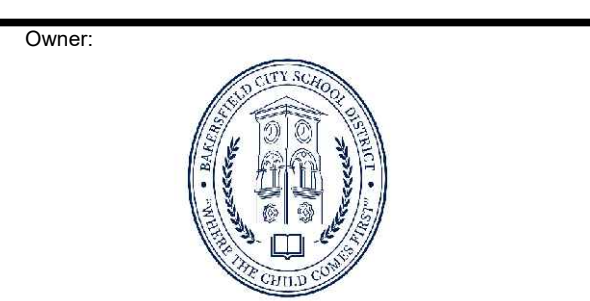


3 (N) CONC WALK TO (E) CONC WALK
 A1.03 ADS100-05
 SCALE: 1 1/2" = 1'-0"



4 TYPICAL MOWSTRIP
 A1.03 ADW131-23
 SCALE: 1 1/2" = 1'-0"

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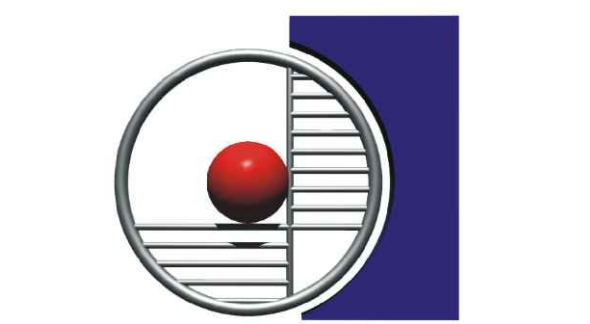


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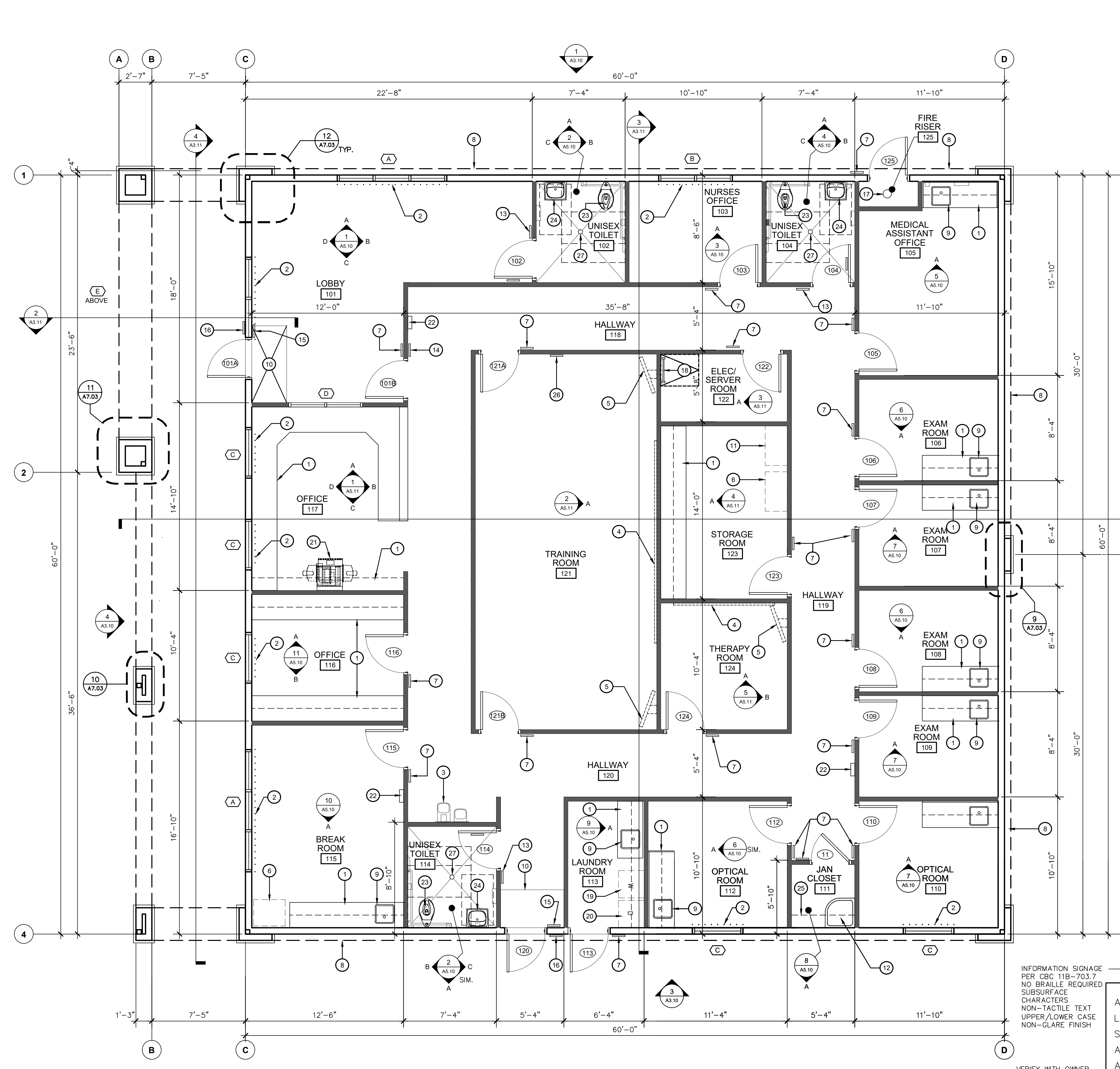
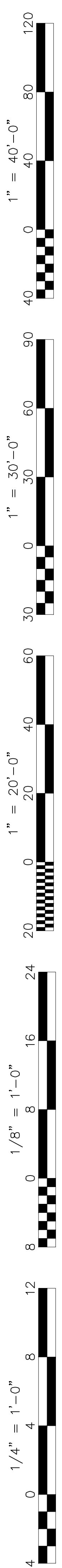
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Sheet Title:
SITE DETAILS

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Room No.	ROOM NAME	Area S.F.	Occupant Load Table	Occupant Load
101	LOBBY	291	15	19
102	UNISEX TOILET	N/A	N/A	N/A
103	NURSE'S OFFICE	84	100	1
104	UNISEX TOILET	N/A	N/A	N/A
105	MEDICAL ASSISTANT OFFICE	157	100	2
106	EXAM ROOM	88	100	1
107	EXAM ROOM	88	100	1
108	EXAM ROOM	88	100	1
109	EXAM ROOM	88	100	1
110	OPTICAL ROOM	110	100	1
111	JANITOR CLOSET	N/A	N/A	N/A
112	OPTICAL ROOM	110	100	1
113	LAUNDRY ROOM	60	300	1
114	UNISEX TOILET	N/A	N/A	SV
115	BREAK ROOM	192	15	13
116	OFFICE	120	100	1
117	OFFICE	174	100	2
118	HALLWAY	NA	N/A	N/A
119	HALLWAY	NA	N/A	N/A
120	HALLWAY	NA	N/A	N/A
121	TRAINING ROOM	425	15	28
122	ELECT./SERVER ROOM	NA	N/A	N/A
123	STORAGE ROOM	137	300	1
124	THERAPY ROOM	100	100	1

TOTAL OCCUPANT LOAD: 75

ALS SYSTEM

ASSISTIVE LISTENING SYSTEM (ALS):

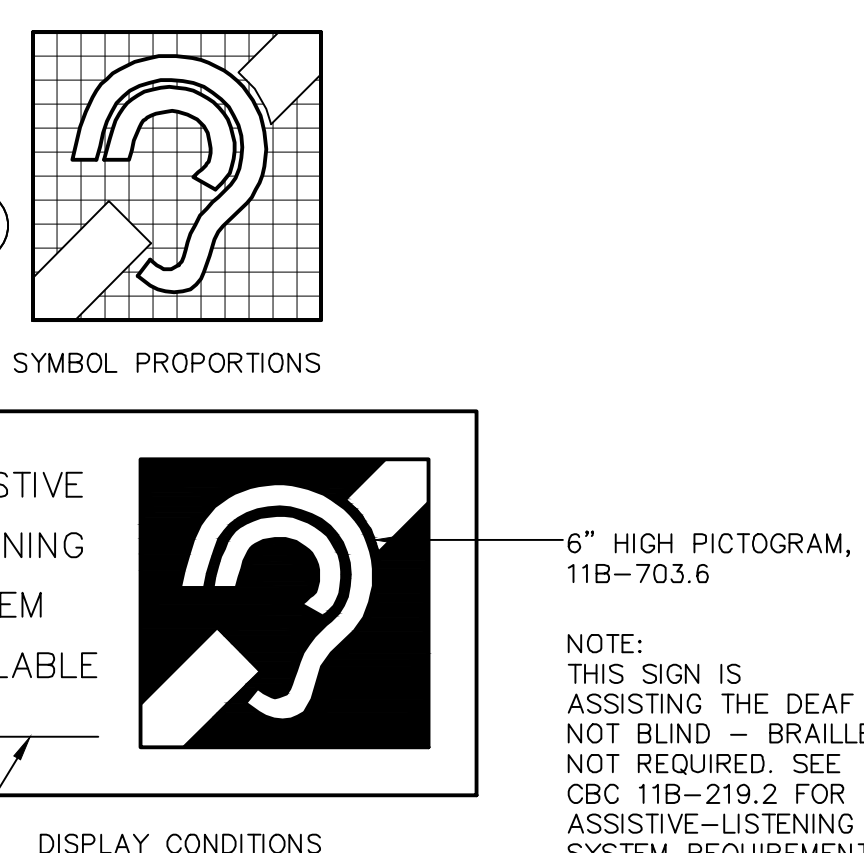
- PROVIDE A SET OF PORTABLE ALS WITH A TRANSMITTER AND A MINIMUM OF TWO HEARING-AID COMPATIBLE RECEIVERS.
PER CBC 2019, 11B-219, 9605 F. / 20 (OCCUPANT LOAD) = 48
48 x 4% = 1.92 ALS DEVICES REQUIRED (OR 2 MIN.).
- THE SYSTEM SHALL BE STORED IN THE SCHOOL ADMINISTRATION OFFICE UNTIL REQUESTED FOR USE.
- SPECIFY THE ALS TYPE AND THAT THE SYSTEM SHALL BE CAPABLE OF INTERFACING WITH THE VOICE AMPLIFICATION SYSTEMS AND ANY MEDIA PROGRAM AUDIO SYSTEM INSTALLED, AND SHALL COMPLY WITH CBC SECTIONS 11B-219 AND 11B-706.
- SYSTEM SHALL INCLUDE: ANCHOR AUDIOASSISTIVE LISTENING PACKAGE #AL-9000: 16 CHANNEL TRANSMITTER, DC POWER SUPPLY, 4 BELT PACK RECEIVERS WITH EAR BUDS, AND 2 NECK LOOPS, WIRELESS MICROPHONE & BATTERY CHARGER, OR EQUAL.

- ### KEY NOTES
- CABINETS. SEE INTERIOR ELEVATIONS
 - VERTICAL BLINDS
 - ACCESSIBLE HILO DRINKING FOUNTAIN - SEE DETAIL 8/A8.01
 - MARKER BOARDS - SEE DETAIL 9/A8.02
 - T.V BRACKET - SEE DETAIL 8/A8.02
 - REFRIGERATOR - F.B.O
 - TACTILE ROOM IDENTIFICATION SIGN - SEE DETAIL 5/A8.01
 - DASHED LINE INDICATES SOFFITT ABOVE
 - SINK ON COUNTERTOP WITH CABINETS - SEE INTERIOR ELEVATIONS
 - WALK-OFF CARPET TILES
 - FREEZER - F.B.O
 - JANITORS MOP SINK - SEE PLUMBING
 - RESTROOM SIGNAGE PER DETAIL 2/A8.01
 - TACTILE EXIT ROUTE SIGN - SEE DETAIL 4/A8.01
 - TACTILE EXIT SIGN - SEE DETAIL 4/A8.01
 - BUILDING ENTRANCE SIGN - SEE DETAIL 1/A8.01
 - FIRE SPRINKLER RISER
 - ROOF ACCESS LADDER - SEE DETAILS 10-14/A7.01
 - WASHER - F.B.O
 - DRYER - F.B.O
 - COPY MACHINE - F.B.O
 - FIRE EXTINGUISHER CABINET - SEE DETAIL 5/A8.02
 - WATER CLOSET - SEE PLUMBING
 - LAVATORY - SEE PLUMBING
 - JANITOR'S CLOSET SHELF & MOP HANGER - SEE DETAIL 14/A8.01
 - ALS AVAILABLE SIGN, PROVIDE PORTABLE ASSISTIVE LISTENING SYSTEM, PER CBC 11B-216.10, 11B-219 AND 11B-706. SEE DETAIL 1/A2.10
 - FLOOR DRAIN - SEE PLUMBING PLAN.

- ### GENERAL NOTES
- DIMENSIONS ARE GIVEN TO FACE OF STUD UNLESS NOTED OTHERWISE.
 - DIMENSIONS FOR ACCESSIBILITY COMPLIANCE ARE GIVEN FROM CENTERLINE OR FACE OF FIXTURE/ACCESSORY TO FACE OF FINISH OR ADJACENT FIXTURE/ACCESSORY. SEE NOTE BELOW
 - SEE SHEET A8.01 FOR MOUNTING HEIGHT AND CLEARANCE REQUIREMENTS AT ALL TOILET ROOM ACCESSORIES AND ACCESSIBLE FIXTURES: WATER CLOSETS, LAVATORIES, DRINKING FOUNTAINS, ETC.
 - SEE MATERIAL & FINISH SCHEDULE ON FOR MATERIAL & FINISH SELECTIONS.
 - ALL INTERIOR WALLS TO RECEIVE ACOUSTIC BATT INSULATION. PROVIDE GYPSUM BD. FROM FINISH FLOOR TO WITHIN 2" OF ROOF DECK ABOVE W/ BLOCKING BETWEEN ROOF FRAMING MEMBERS
 - ALL GYPSUM BOARD TO BE 5/8" U.N.O.: 5/8" CEMENT BACKER @ C.T.
 - FRAME ALL WALLS FROM FLOOR SLAB BELOW TO WITHIN 1/4" OF THE UNDERSIDE OF THE ROOF DECK ABOVE U.N.O. W/ 5/8" GYP. BD. BOTH SIDES FROM FIN. FLOOR BELOW TO 6" ABOVE HIGHEST ADJACENT CEILING
 - SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATIONS
 - SEE STRUCTURAL DRAWINGS FOR TYPICAL FRAMING CONSTRUCTION DETAILS
 - ALL INSULATION AT EXTERIOR WALLS SHALL BE R-19 INSULATION. INSULATION IN ATTIC SPACE SHALL BE R-38 FOIL-FACE F.G. BATT INSULATION INSTALLED. INSULATION INSTALLED ON ROOF DECK SHALL BE R-30 RIGID INSULATION
 - PROVIDE ACOUSTIC BATT INSULATION AT ALL INTERIOR TOILET ROOM WALLS. PROVIDE ACOUSTIC SEALANT AT ALL END WALL JOINTS AND AT ALL PENETRATIONS.

WALL LEGEND

	6" METAL STUDS
	4" METAL STUDS
	CMU VENEER



INFORMATION SIGNAGE PER CBC 11B-703.7 NO BRAILLE REQUIRED. SUBSURFACE CHARACTERS. NON-TACTILE TEXT. UPPER/LOWER CASE. NON-GLARE FINISH.

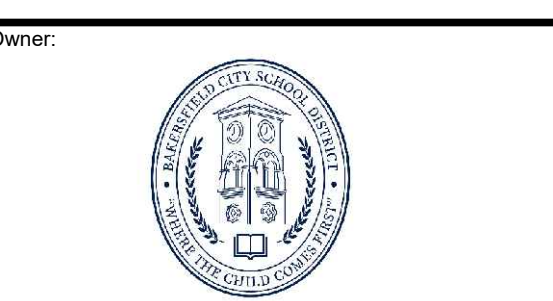
VERIFY WITH OWNER AND FILL IN CONTACT INFORMATION (AT RECEPTION DESK, ETC.)

INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED
ADA200-05
SCALE: 3" = 1'-0"

FLOOR PLAN WELLNESS CENTER

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

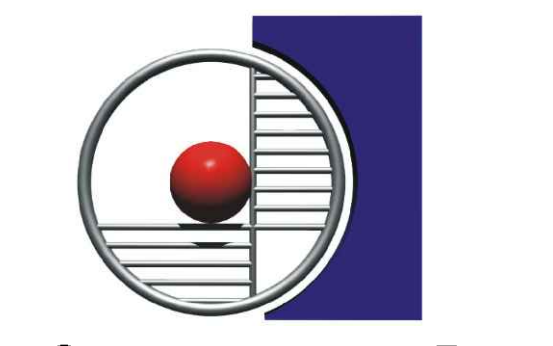
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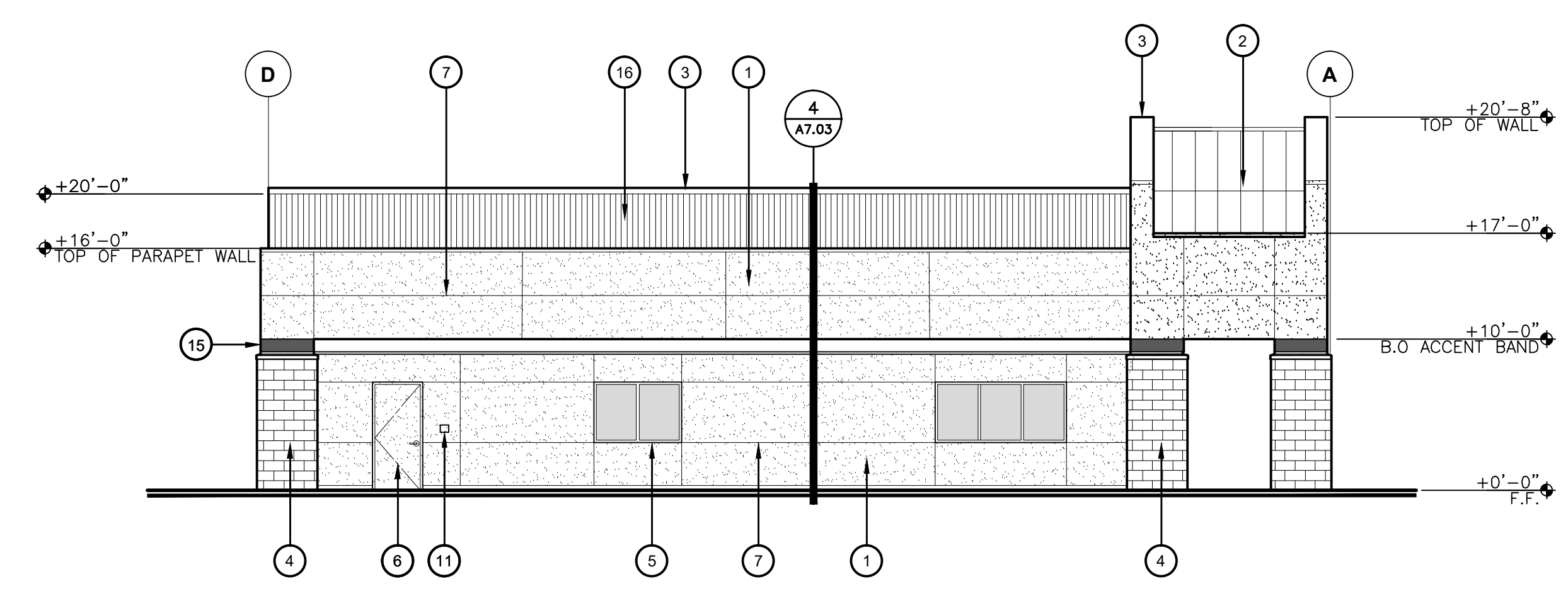
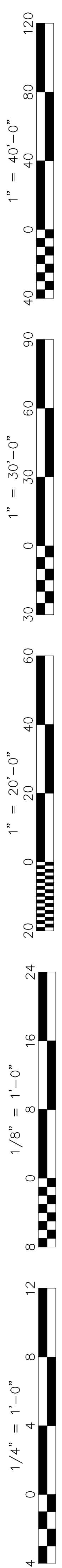


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FLOOR PLAN

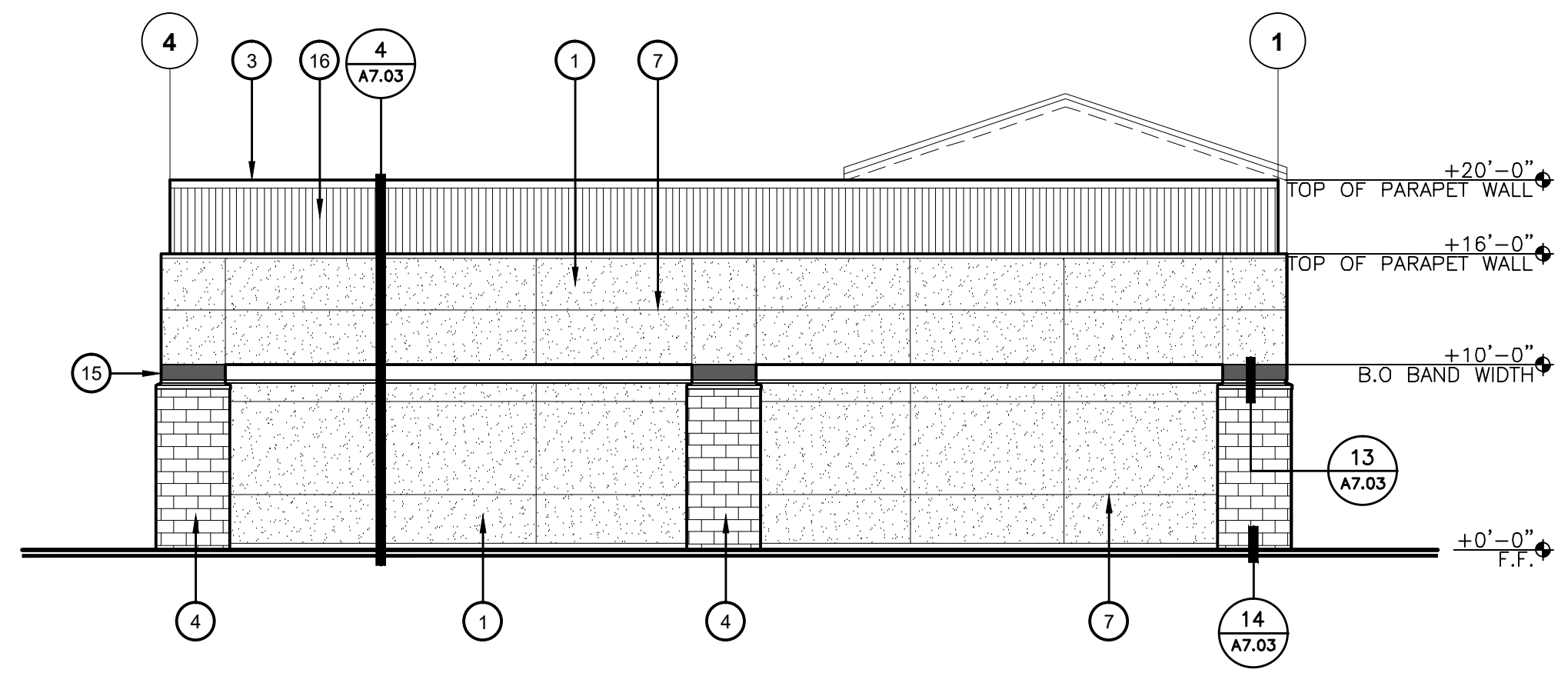
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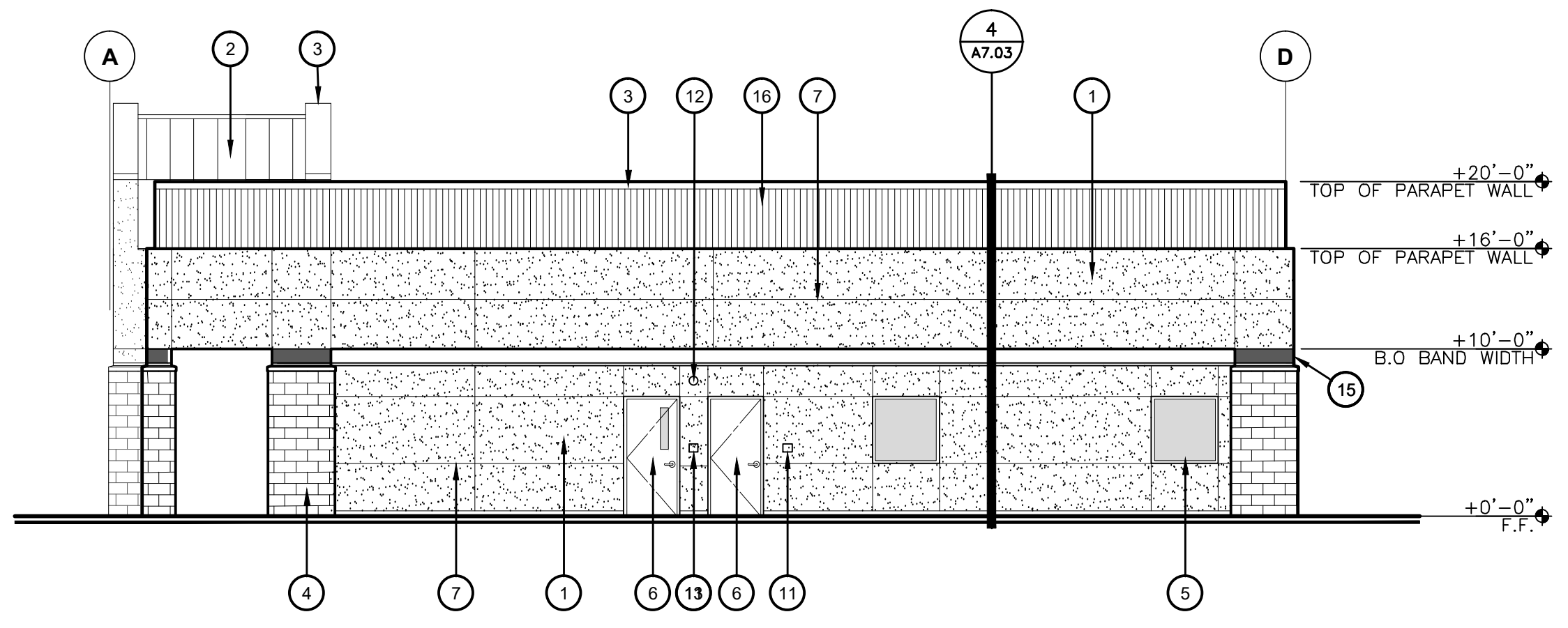
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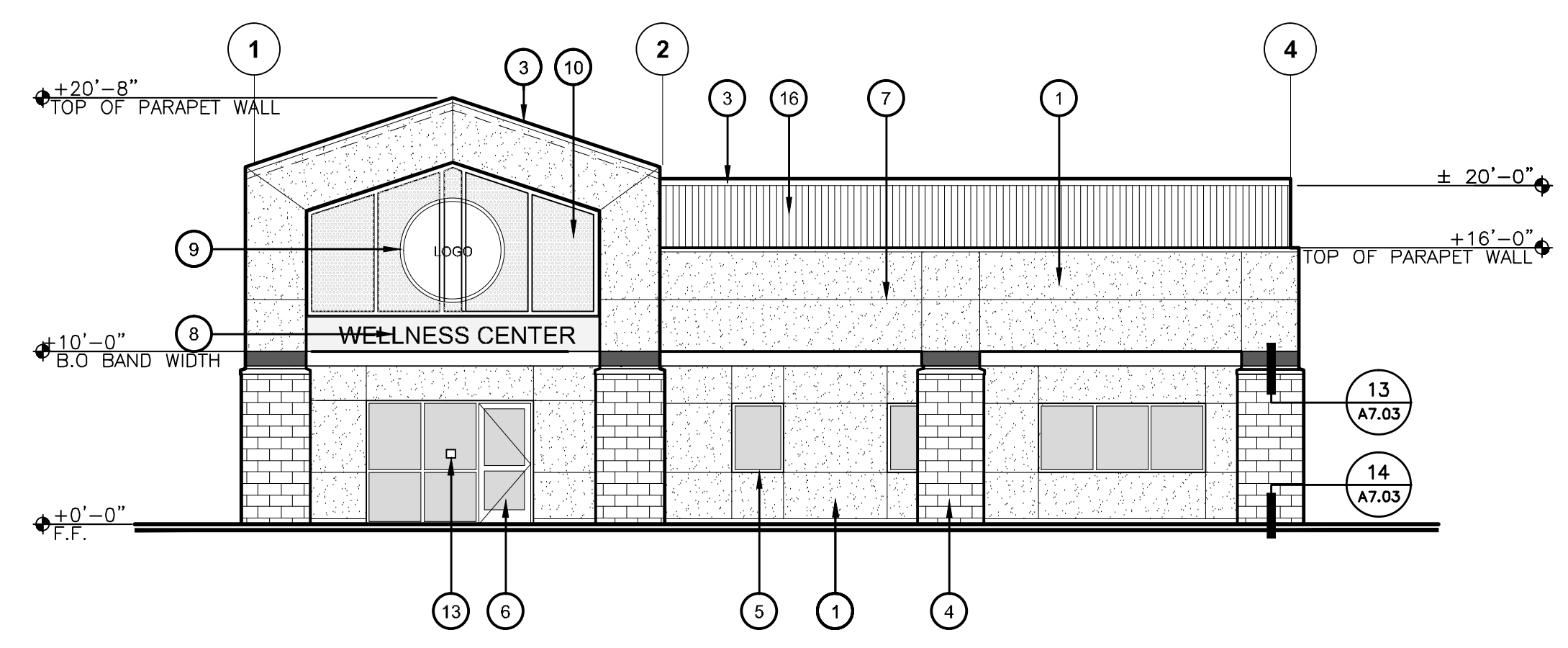
1 ELEVATION
A3.10 SCALE: 1/8" = 1'-0"



2 ELEVATION
A3.10 SCALE: 1/8" = 1'-0"



3 ELEVATION
A3.10 SCALE: 1/8" = 1'-0"



4 ELEVATION
A3.10 SCALE: 1/8" = 1'-0"

KEY NOTES

- EXTERIOR CEMENT PLASTER w/ WEATHER BARRIER, PRIME AND PAINT
- PRE-FINISHED STANDING SEAM METAL ROOF w/ UNDERLAYMENTS - SEE SHEET A7.05 FOR TYPICAL DETAILS
- 22 GA. SHEET METAL COPING, PROVIDE CLINCH-LOCK SEAM PER SMCNA DETAIL 1 FIGURE 3-2 AT SEAMS ALONG RAKED COPING, PRIME AND PAINT
- CMU SPLIT FACED VENEER - SEE DETAIL 13 & 14/A7.03
- H.M. WINDOW FRAME W/ 1" INSULATED GLAZING UNIT, PAINT FRAME - SEE WINDOW ELEVATIONS
- HOLLOW METAL DOOR AND FRAME - SEE DOOR SCHEDULE, PAINT
- CONTROL JOINT - TYPE #5 - SEE 8/A7.01
- 8" H. FLUSH MOUNTED CAST ALUMINUM DIMENSIONAL LETTERS (HELVETICA FONT)
- 60" DIAMETER POWDER COATED STEEL PLATE W/ LASER CUT LOGO SIGN - DESIGN GRAPHICS TO BE PROVIDED BY OWNER - SEE DETAIL 11/A7.02
- HOLLOW METAL FRAME WITH PERFORATED PANEL - SEE DETAILS 9 THRU 12 /A7.02
- TACTILE ROOM IDENTIFICATION SIGN- SEE 8/A8.01
- BUILDING ENTRANCE SIGN - SEE DETAIL 1/A8.01
- NOT USED
- 12" PAINTED CEMENT PLASTER ACCENT BAND
- METAL FASCIA PANEL - SEE DETAIL 1 & 2/A7.06

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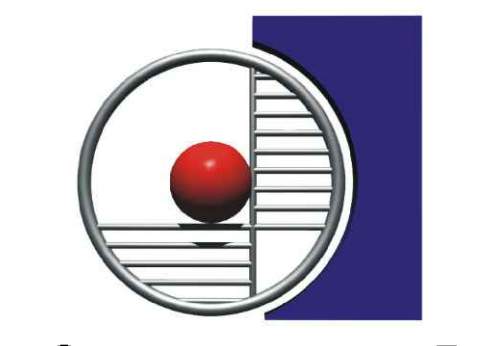
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Project Name:
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1100 CITADEL STREET
BAKERSFIELD, CA 93307

GENERAL NOTES

- ALL METAL LATH WIRE SHALL BE CUT BEHIND ALL EXPANSION/CONTROL JOINTS. THE CONTRACTOR SHALL PROVIDE STUDS AS REQUIRED @ ALL JOINTS
- ALL EXTERIOR GLASS SEE WINDOW ELEVATIONS AND SCHEDULE
- CEMENT PLASTER WILL BE PAINTED WITH 3 DIFFERENT COLORS (ELASTOMERIC P50.E)
1) MAIN BODY
2) SECONDARY BODY
3) 12" ACCENT BAND
- HOLLOW METAL FRAMES & DOORS WILL BE PAINTED WITH A MIN. OF 2 COLORS
1) EXTERIOR SURFACE : 1. COLOR
2) INTERIOR SURFACE : 2. COLORS
A) JAMB
B) DOOR



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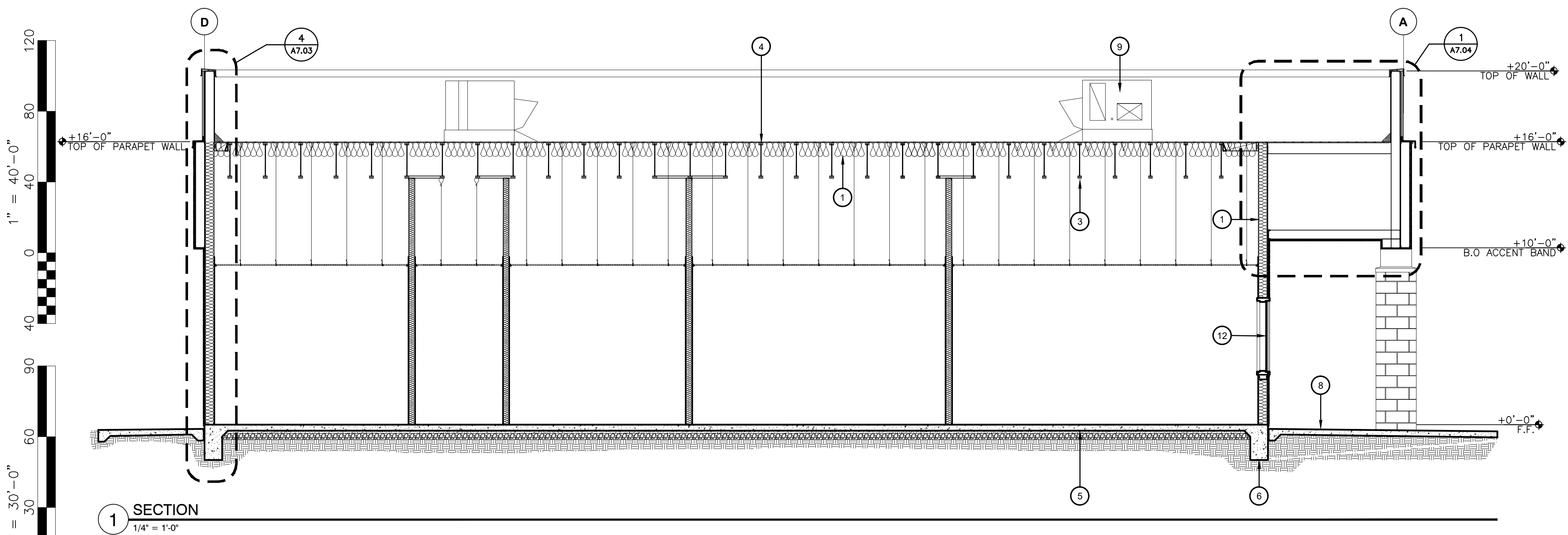


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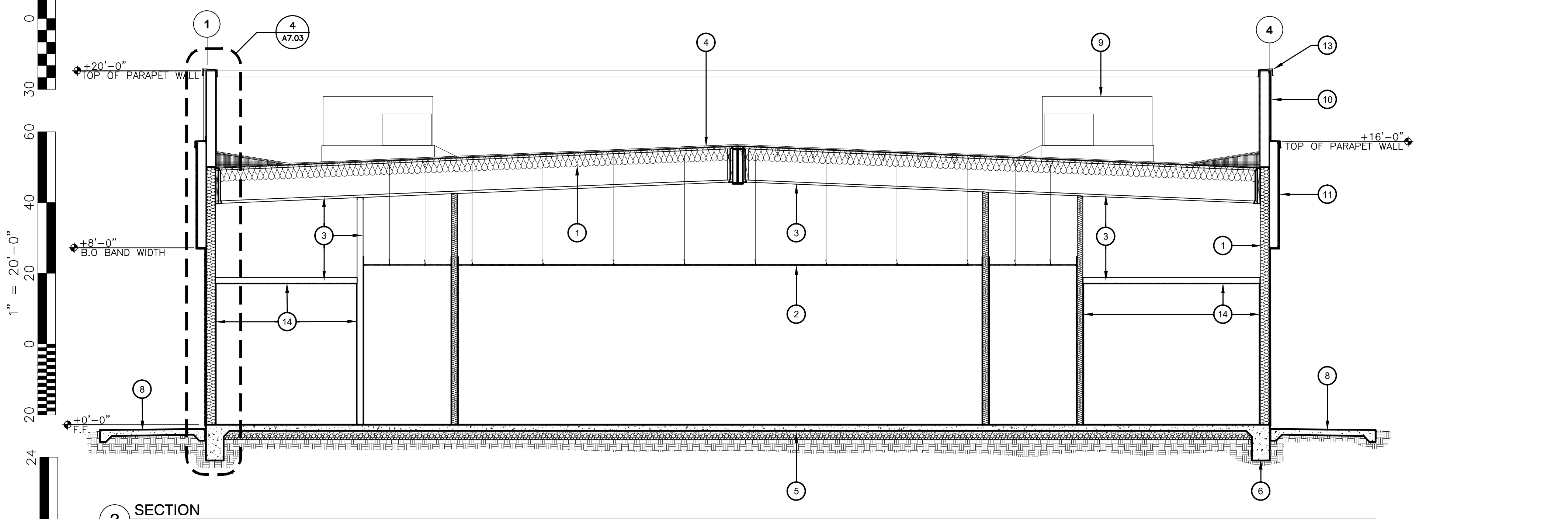
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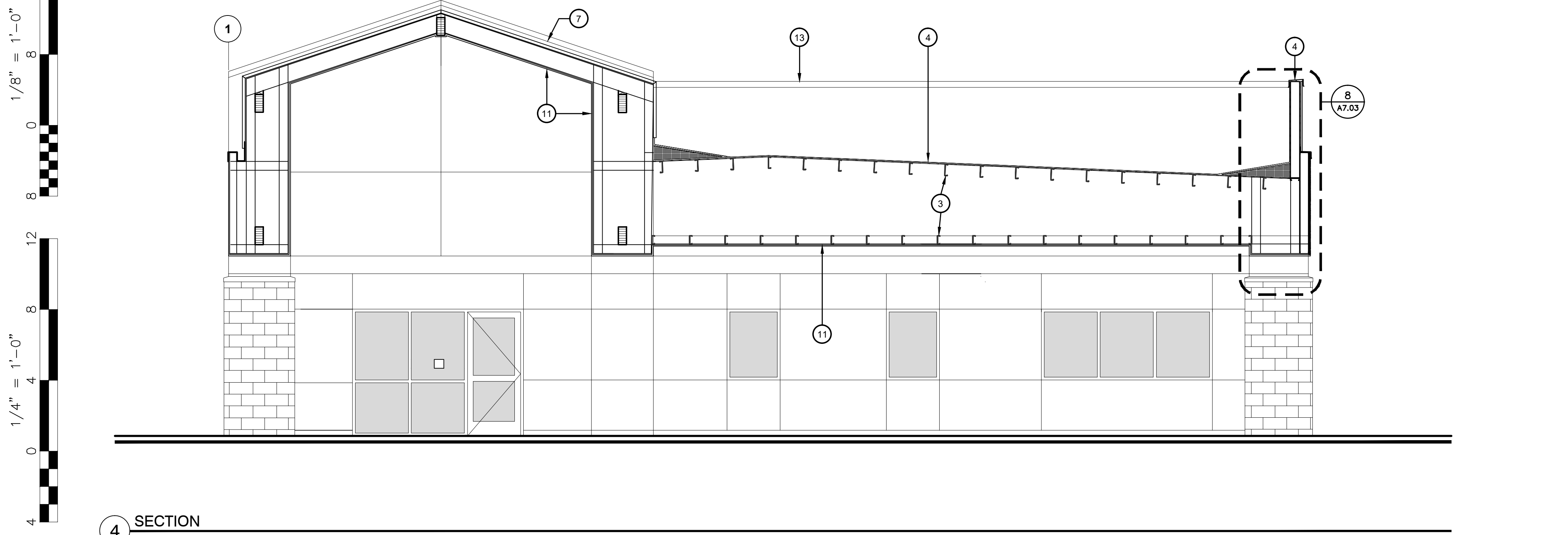
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1 SECTION
1/4" = 1'-0"



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




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

KEY NOTES

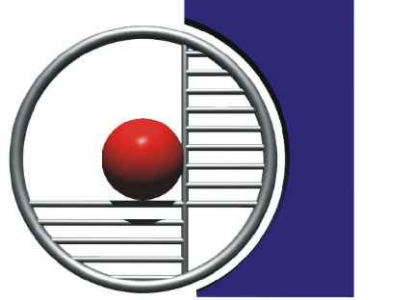
1. BATT INSULATION
2. SUSPENDED ACOUSTICAL TILE
3. STRUCTURAL FRAMING - SEE STRUCTURAL
4. SINGLE PLY ROOFING MEMBRANE of PLYWOOD
5. CONCRETE SLAB - SEE STRUCTURAL
6. CONCRETE FOOTING - SEE STRUCTURAL
7. STANDING SEAM METAL ROOFING - SEE SHEET A7.05 FOR TYPICAL DETAILS
8. CONCRETE SIDEWALK
9. MECHANICAL UNIT
10. METAL FASCIA PANEL
11. CEMENT PLASTER SYSTEM
12. DOOR / WINDOW FRAME
13. SHEET METAL COPING
14. GYPSUM BD.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122605 INC:
REVIEWED FOR
SS FLS ACS
DATE: 05/11/2023

Owner:

**BAKERSFIELD
CITY SCHOOL
DISTRICT**
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
**WELLNESS
CENTER**
1100 CITADEL STREET
BAKERSFIELD, CA 93307



**integrated
designs**
by SOMAM, Inc.
**ARCHITECTURE
ENGINEERING
INTERIOR DESIGN**

6011 N. FRESNO STREET, SUITE 130
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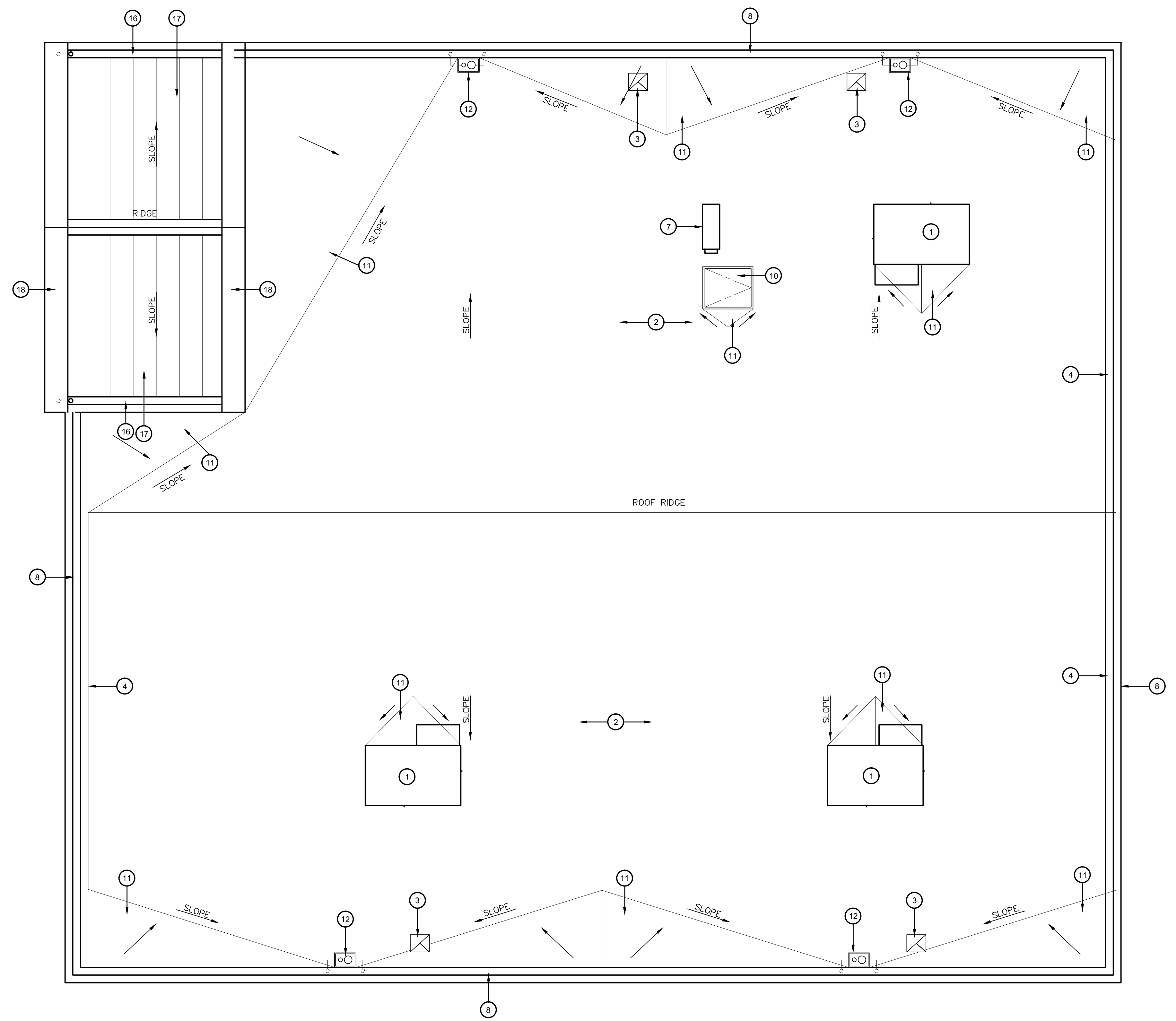
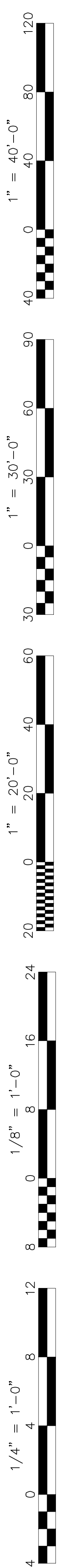
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Sheet Title:
SECTIONS

Job No.:
5527

Sheet No.:
A3.11

Release: DSA BACKCHECK



ROOF PLAN
WELLNESS CENTER

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

KEY NOTES

1. HVAC UNITS, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION - SEE DETAIL 5/A7.02
2. CLASS "A" SINGLE-PLY ROOFING
3. EXHAUST FAN ON CURB - SEE DETAIL 6/M3.01 & 6/A7.02
4. CANT STRIP - SEE DETAIL 4/A7.02
5. OUTDOOR UNIT PLATFORM
6. NOT USED
7. OUTDOOR UNIT ON PLATFORM. SEE MECHANICAL DRAWINGS
8. 22GA METAL PARAPET CAP - SEE DETAIL 5/A7.03
9. ROOF WALKWAY
10. ROOF HATCH - SEE DETAIL 10/A7.01
11. RIGID INSULATION ROOF CRICKET - SEE DETAIL 8/A7.02
12. ROOF DRAIN AND OVERFLOW COMBO. ROOF DRAIN DOWN INSIDE WALL CONNECT TO STORM DRAIN SYSTEM BELOW GRADE. OVERFLOW DRAIN DOWN WALL DAYLIGHT THROUGH WALL 12" ABOVE F.F. - SEE DETAIL 2/A7.02
13. NOT USED
14. 24GA METAL PARAPET CAP - SEE DETAIL 13/A7.02
15. NOT USED
16. BUILT IN SHEET METAL GUTTER. DOWNSPOUT DOWN THROUGH COLUMN CONNECT TO STORM DRAIN SYSTEM BELOW GRADE
17. STANDING SEAM METAL ROOF - SEE SHEET A7.05 FOR TYPICAL DETAILS
18. SHEET METAL COPING

GENERAL NOTES

1. ALL ROOF PENETRATIONS SHALL BE WEATHER TIGHT
2. ALL SHEET METAL COPING SHALL BE PAINTED TO MATCH ADJACENT FINISH. ALL FLASHING SHALL HAVE A 15# UNDERLAYMENT.

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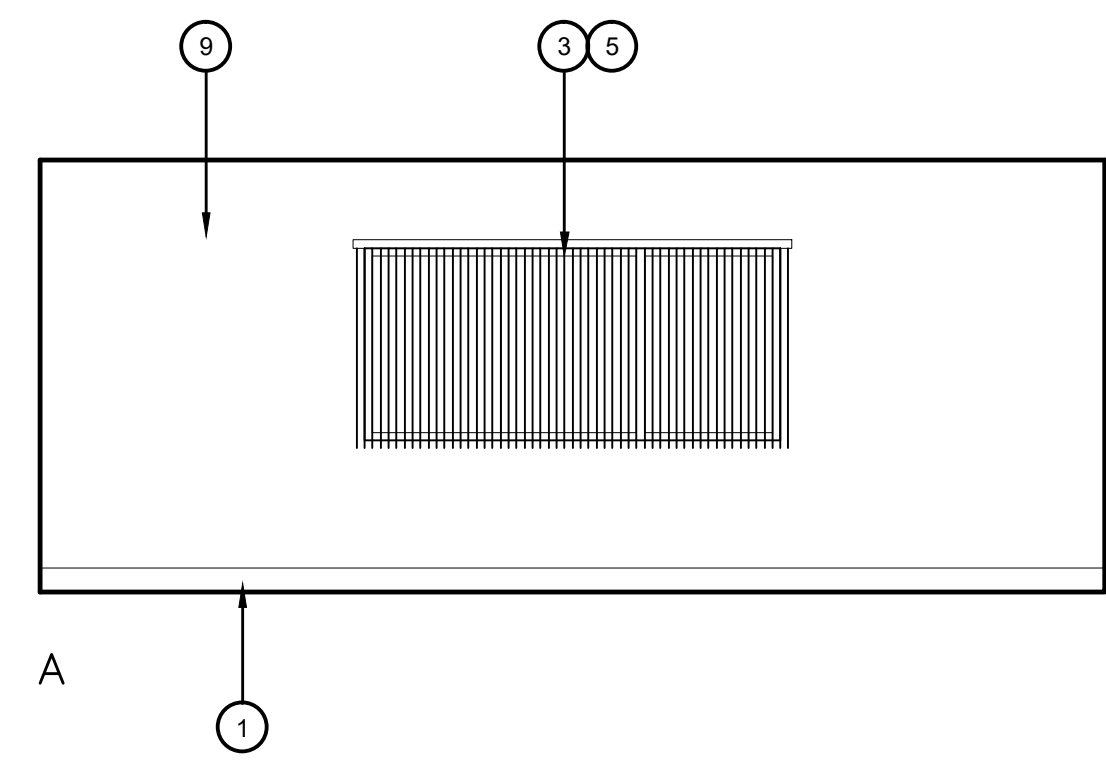
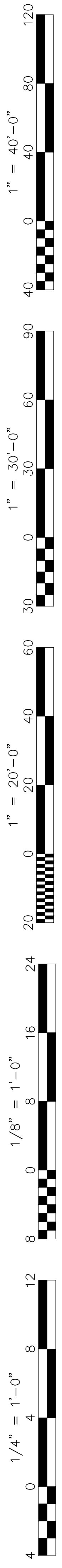
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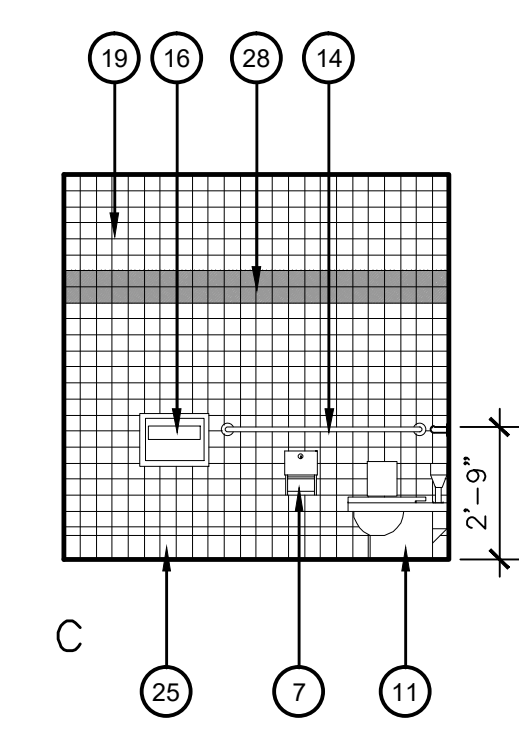
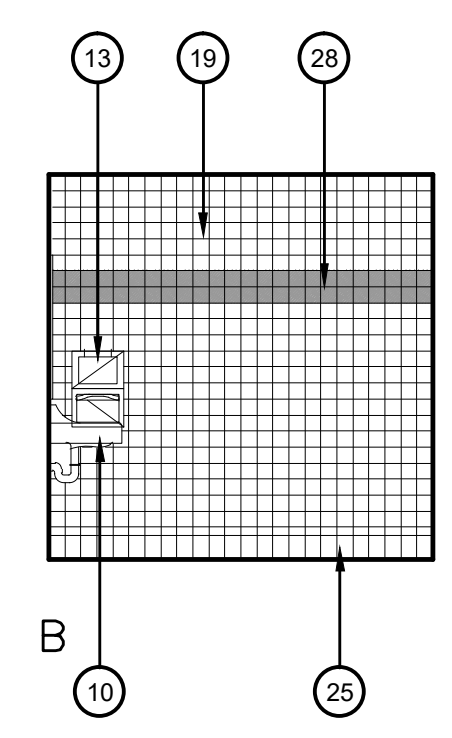
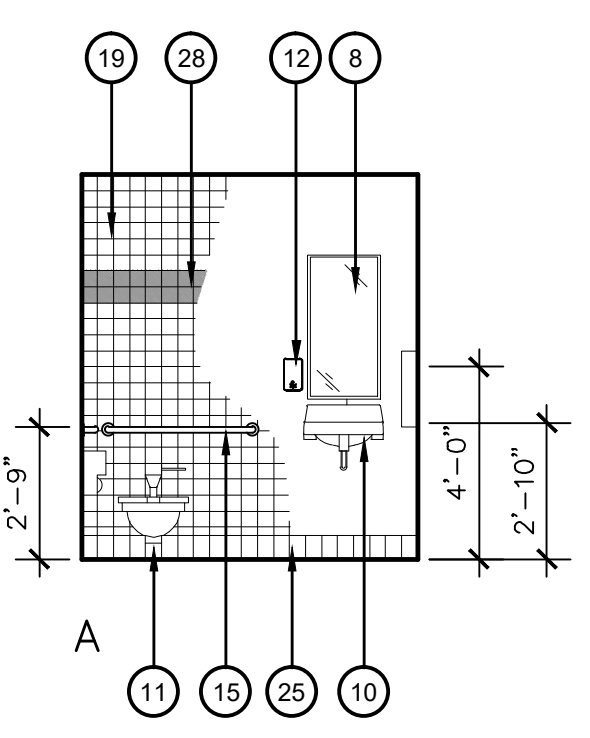
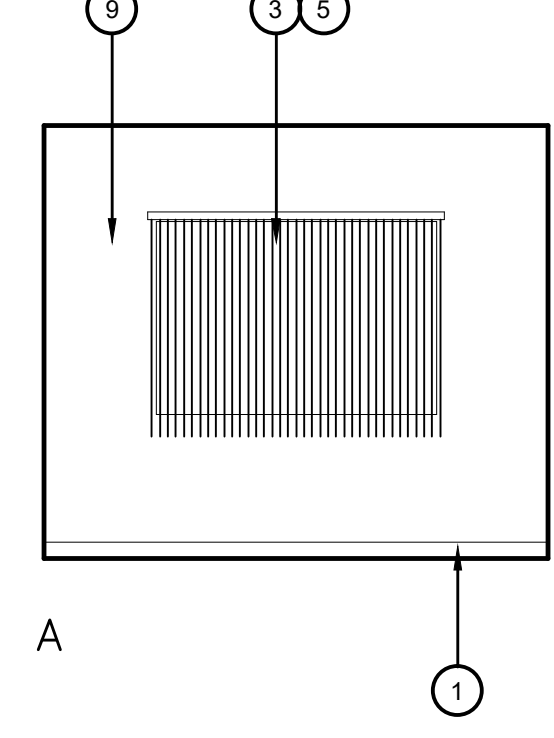
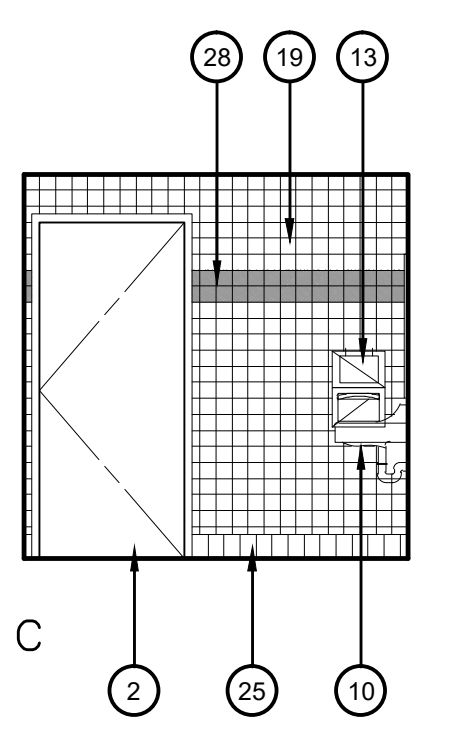
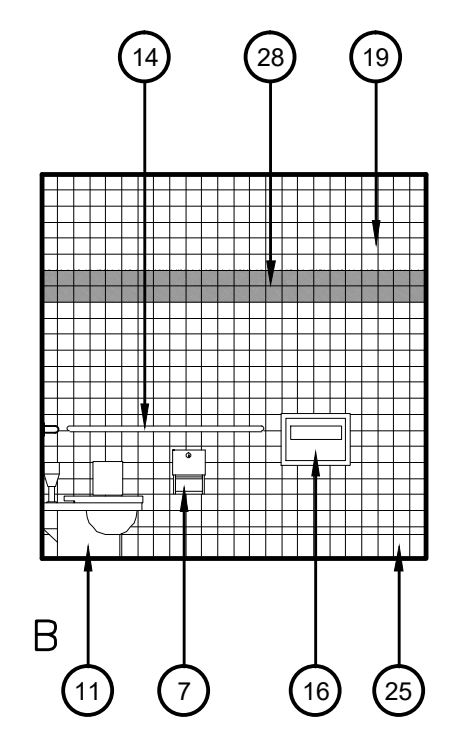
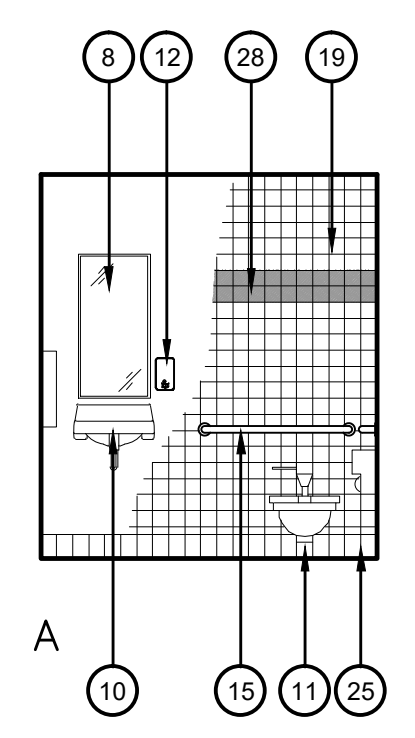
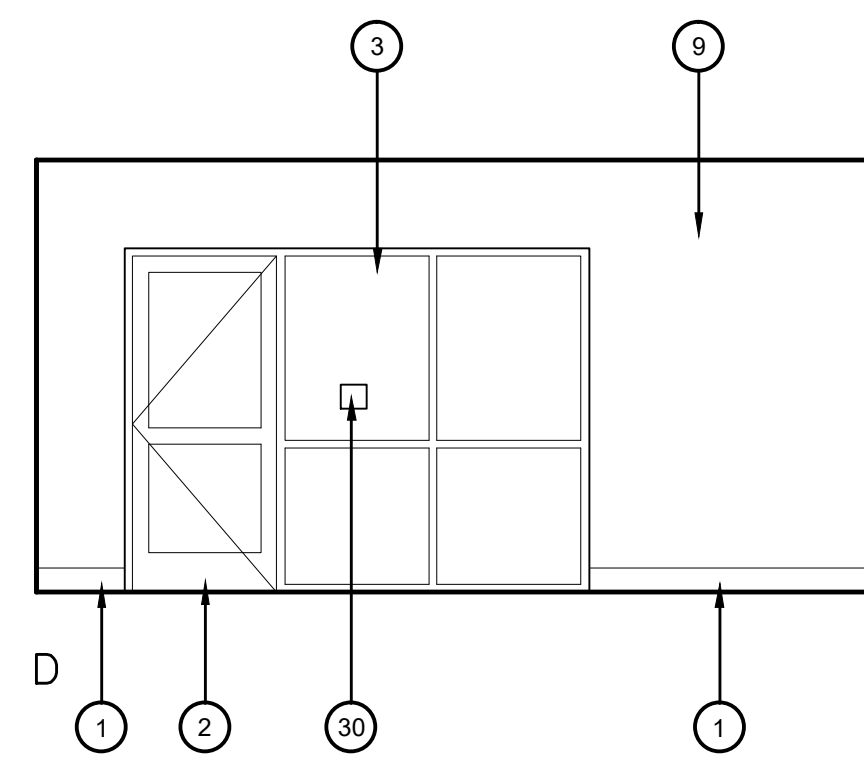
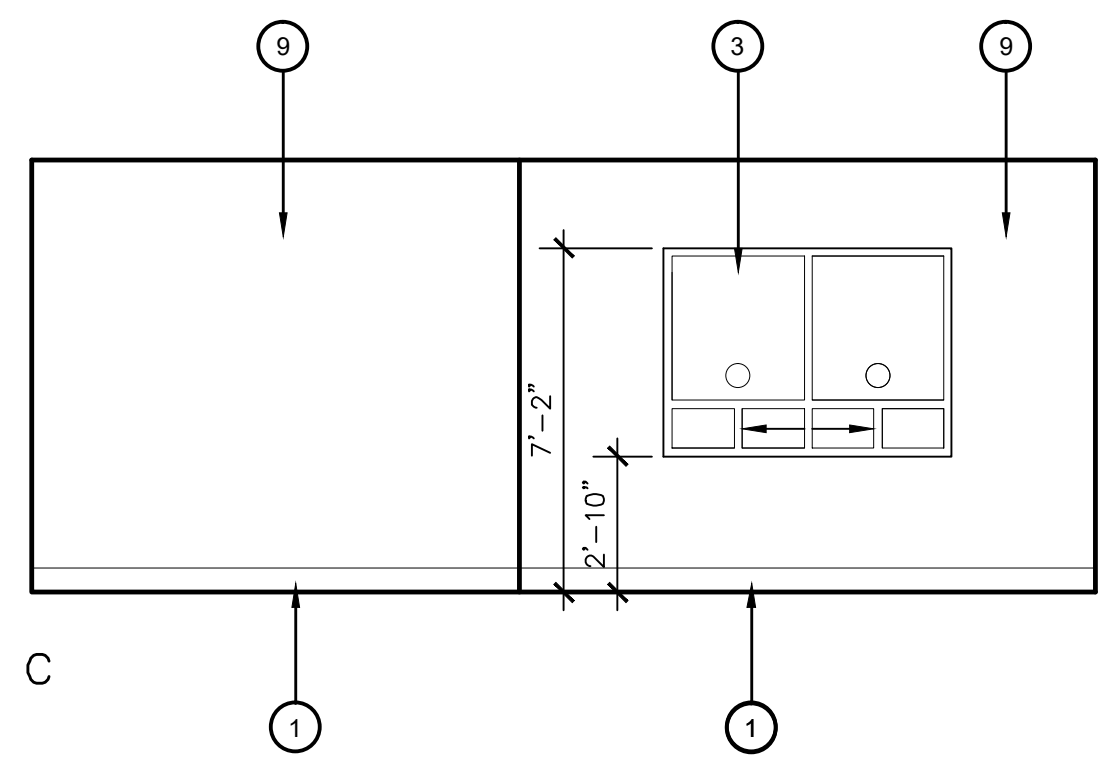
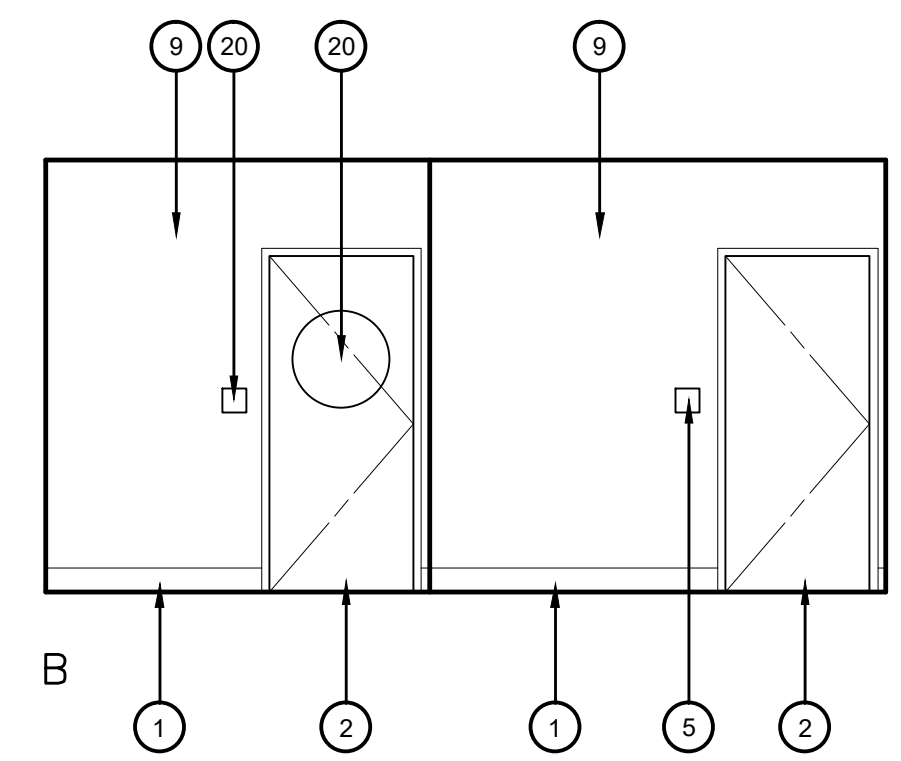
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Sheet No.:
A4.10

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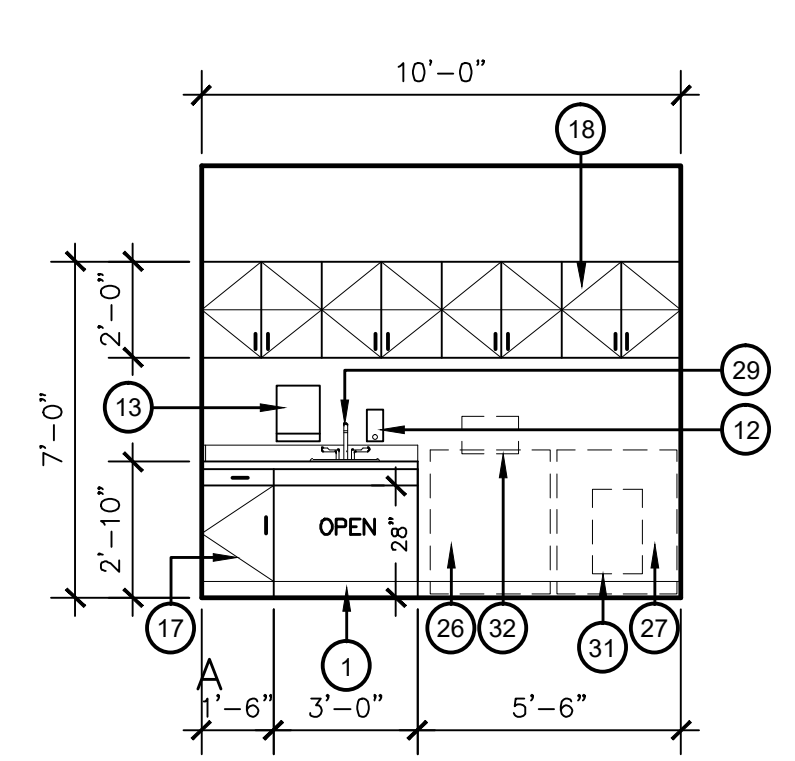
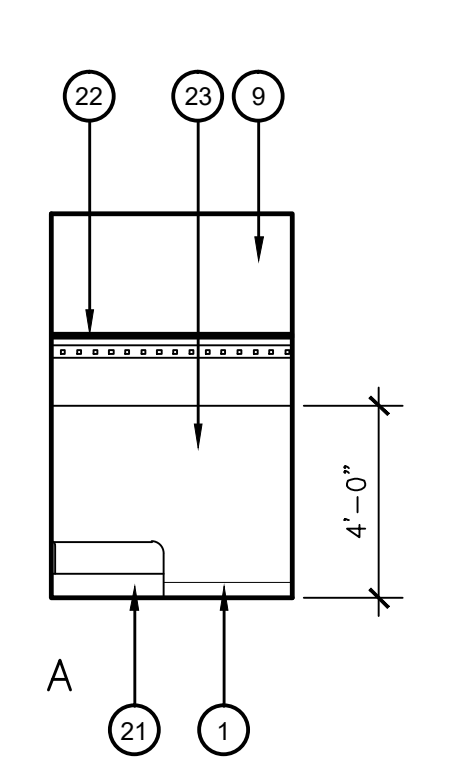
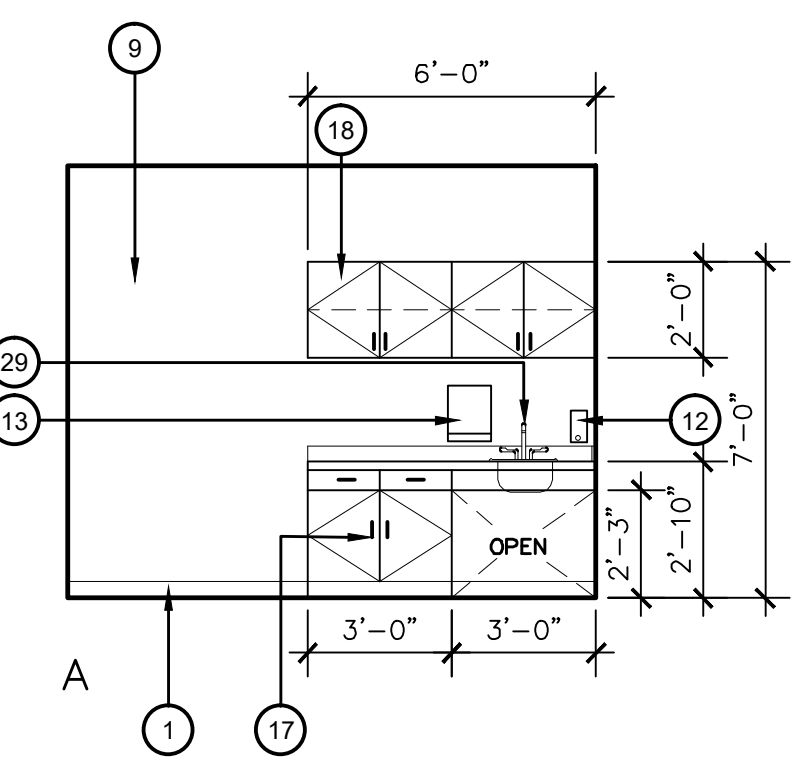
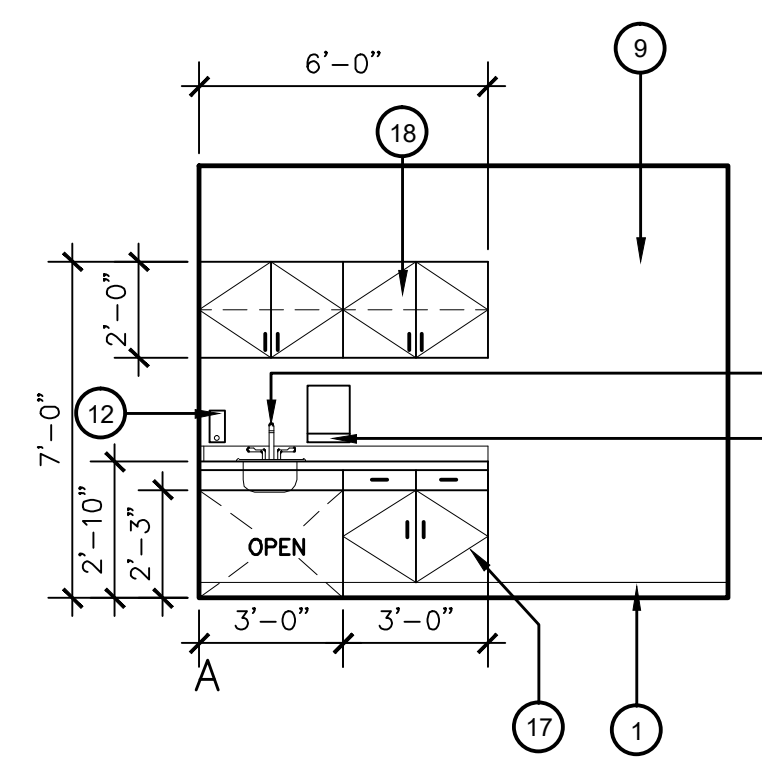
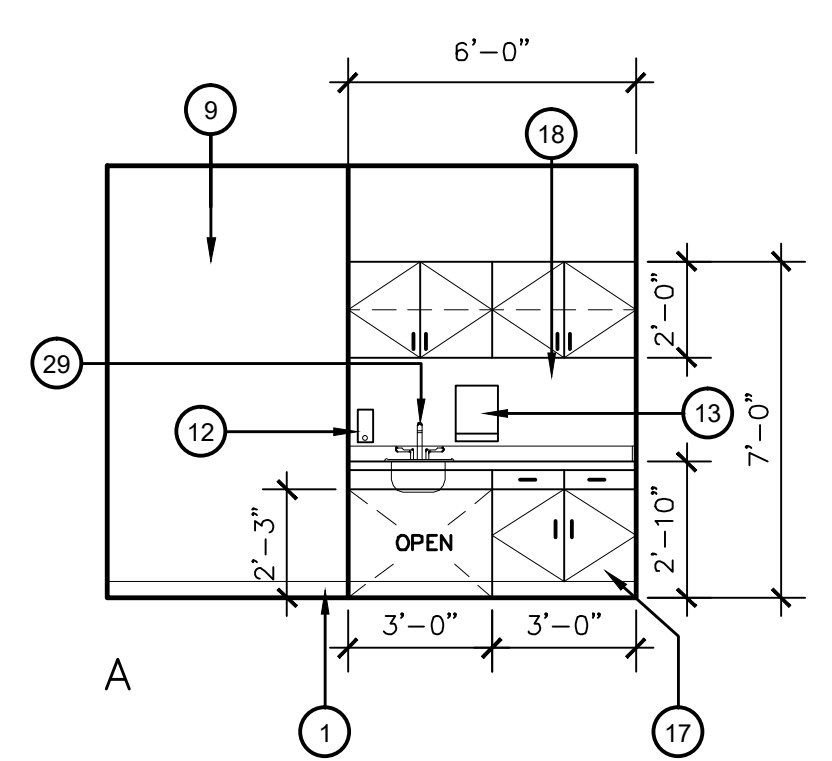
1 LOBBY 101
1/4" = 1'-0"



2 UNISEX TOILET 102 114 SIM.
1/4" = 1'-0"

3 NURSES OFFICE 103
1/4" = 1'-0"

4 UNISEX TOILET 104
1/4" = 1'-0"



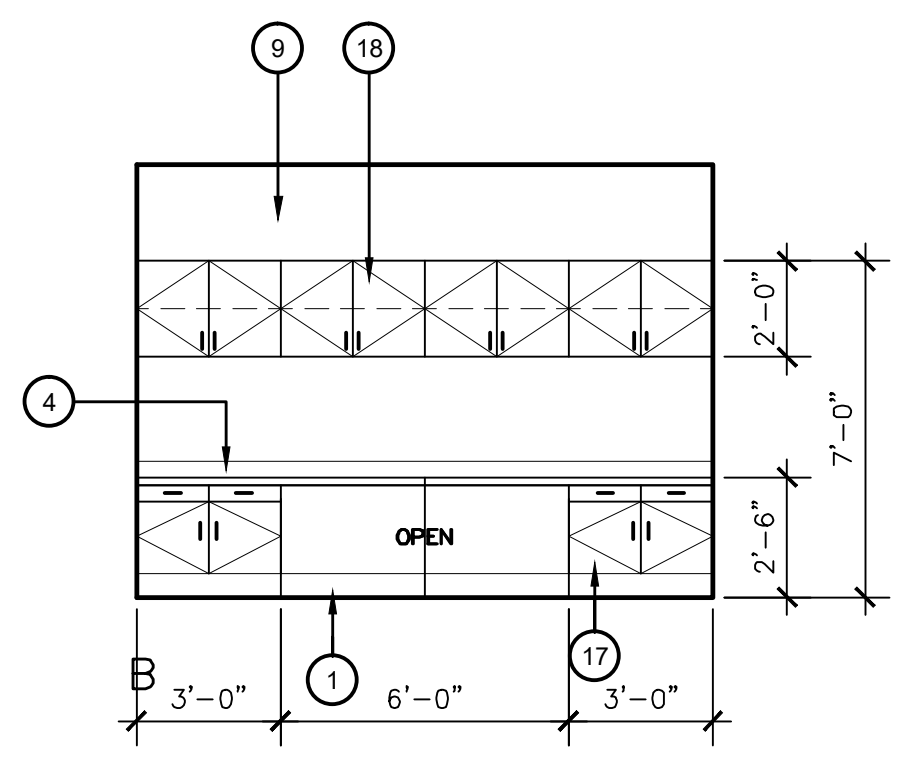
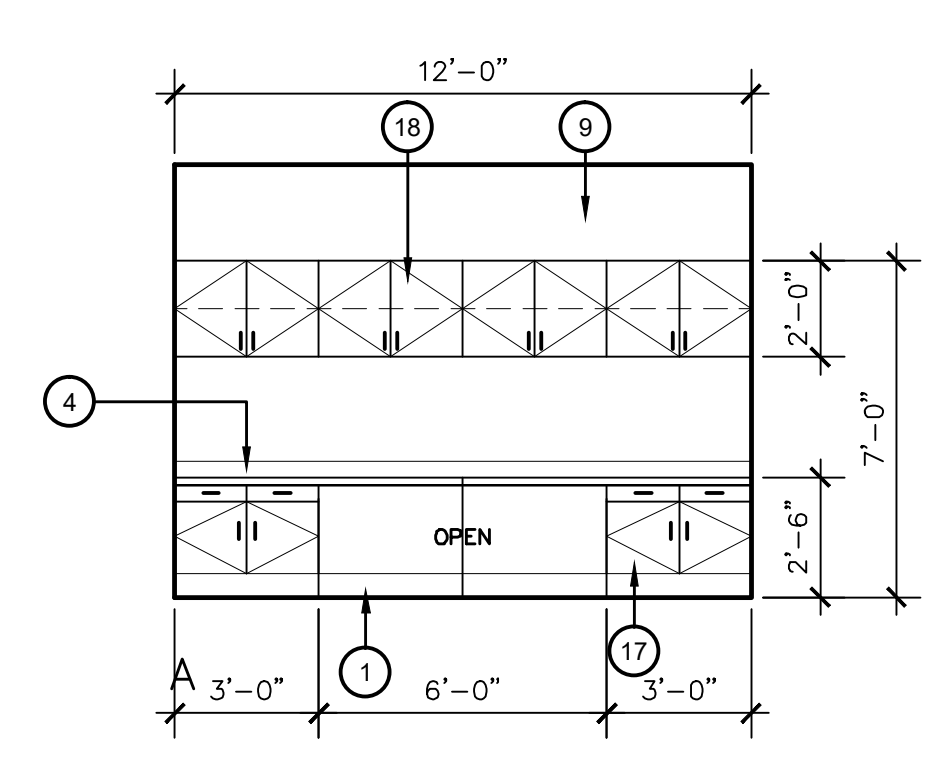
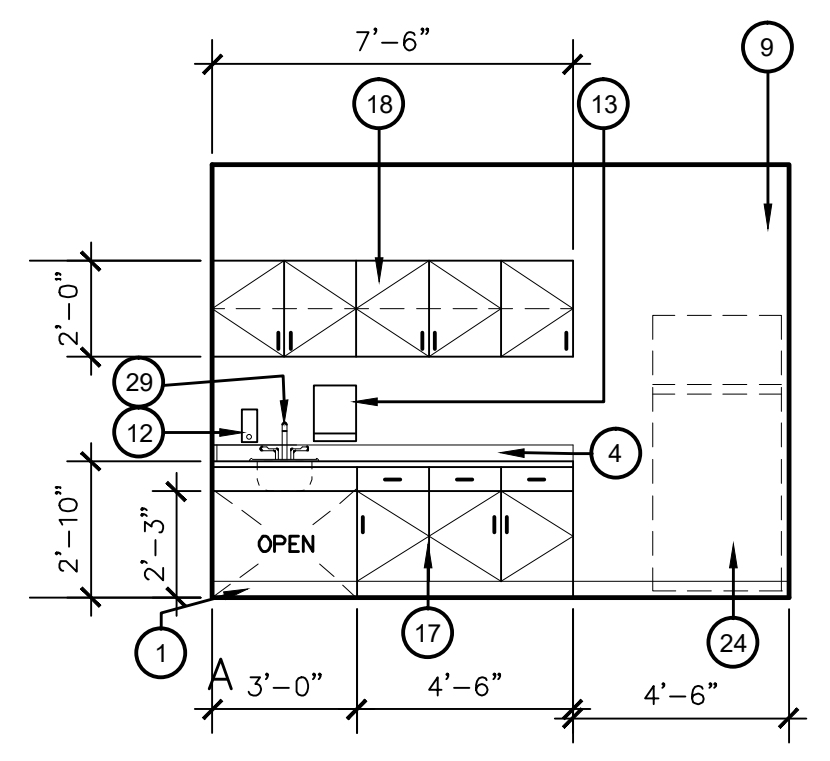
5 MEDICAL ASSISTANT OFFICE 105
1/4" = 1'-0"

6 EXAM ROOM 106 108 112 SIM.
1/4" = 1'-0"

7 EXAM ROOM 107 109 110
1/4" = 1'-0"

8 JANITOR CLOSET 111
1/4" = 1'-0"

9 LAUNDRY ROOM 113
1/4" = 1'-0"



10 BREAK ROOM 115
1/4" = 1'-0"

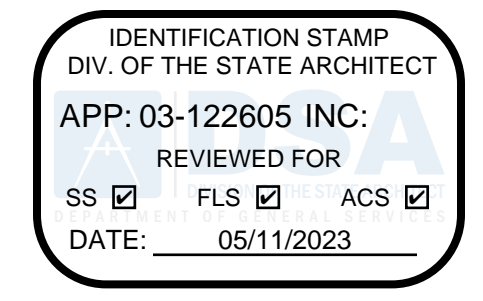
11 OFFICE 116
1/4" = 1'-0"


KEY NOTES

- 4" RUBBER TOPSET BASE
- DOOR & FRAME, SEE DOOR SCHEDULE
- WINDOW FRAME, SEE WINDOW SCHEDULE
- 12 MM CORIAN COUNTERTOP WITH 4" BACKSPASH
- VERTICAL LOUVRE BLINDS
- ROOM IDENTIFICATION SIGN, SEE DETAIL 5/A8.01
- TOILET TISSUE DISPENSER
- MIRROR
- GYPSUM BOARD TEXTURED, PRIME AND PAINT.
- LAVATORY - SEE PLUMBING DRAWINGS
- FLOOR MOUNTED WATER CLOSET
- WALL MOUNTED SOAP DISPENSER - F.B.O. INSTALLED BY CONTRACTOR
- PAPER TOWEL DISPENSER
- 48" LONG GRAB BAR GB-1 - SEE DETAIL 12/A8.01
- 36" LONG GRAB BAR GB-1 - SEE DETAIL 12/A8.01
- TOILET SEAT COVER DISPENSER
- BASE CABINETS - SEE DETAIL 12/A8.02
- UPPER CABINETS - SEE DETAIL 12/A8.02
- CERAMIC WALL TILE
- ACCESSIBLE RESTROOM SIGN - SEE DETAIL 2/A8.01
- MOP SINK - SEE PLUMBING DRAWINGS
- JANITOR'S SHELF & MOP HANGER - SEE DETAIL 14/A8.01
- FRP
- REFRIGERATOR - F.B.O.
- 6" HIGH CERAMIC TILE COVE BASE
- WASHER - F.B.O.
- DRYER - F.B.O.
- CERAMIC WALL TILE ACCENT COLOR
- SINK W/ FAUCET - SEE PLUMBING
- TACTILE EXIT SIGN - SEE DETAIL 4/A8.01
- DRYER VENT BOX, -SEE MECHANICAL PLANS. FIELD VERIFY LOCATION.
- WASHING MACHINE OUTLET BOX, -SEE PLUMBING PLANS. FIELD VERIFY LOCATION.

GENERAL NOTES

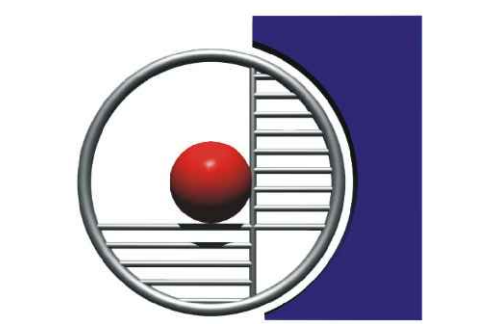
- REFER TO ROOM FINISH SCHEDULE FOR FINISHES. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS & FINISHES
- CONTRACTOR SHALL PROVIDE BACKING AS PER MANUFACTURERS REQUIREMENTS FOR ALL WALL MOUNTED ACCESSORIES. SEE DETAIL 11/A8.01 FOR ACCESSORY MOUNTING HEIGHTS AND DETAIL 12/A8.02 FOR CASEWORK ANCHORING
- COLORS FOR ALL ITEMS OF WORK SHALL BE SELECTED BY ARCHITECT
- ALL CABINET DOOR PULLS SHALL BE MOUNTED VERTICALLY AND DRAWER PULLS SHALL BE MOUNTED HORIZONTALLY
- CONTRACTOR SHALL COORDINATE W/ ELECTRICAL, PLUMBING, AND MECHANICAL DRAWINGS FOR LOCATIONS OF ALL OUTLETS, EXITS SIGNS, DATA BOXES, ACCESS DOORS, AND REQUIRED FINISHES
- SEE DETAILS ON SHEET A8.01 FOR STANDARD MINIMUM ACCESSIBLE CLEARANCES/HEIGHTS AT TOILETS, LAVATORIES, TOILET ACCESSORIES, DRINKING FOUNTAINS, ETC.



Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
 1300 BAKER STREET
 BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL
 1100 CITADEL STREET
 BAKERSFIELD, CA 93307



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ARCHITECTURE ENGINEERING INTERIOR DESIGN

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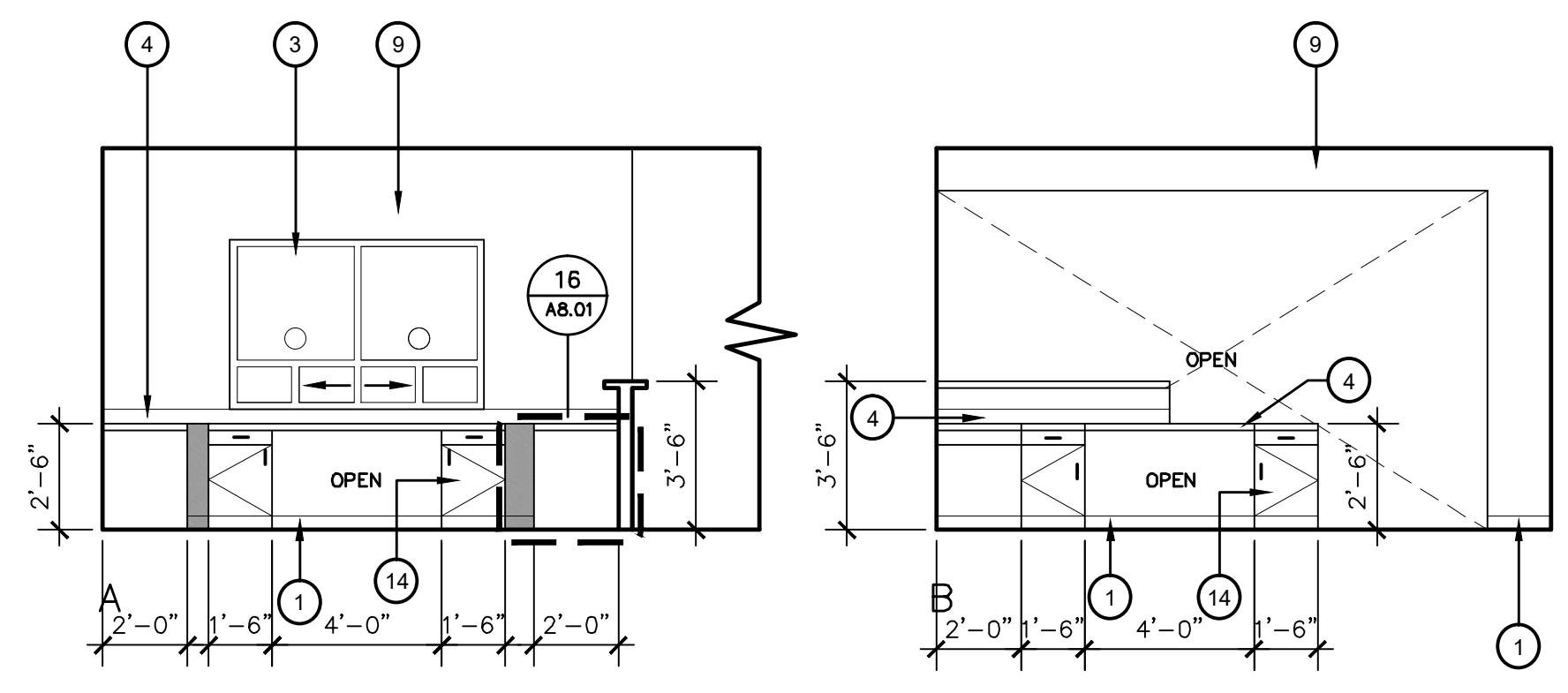
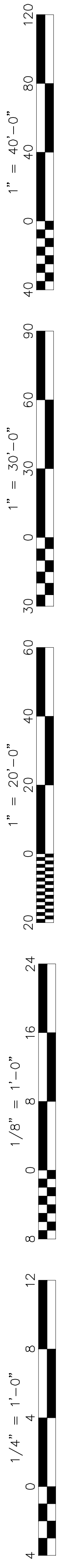


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INTERIOR ELEVATIONS

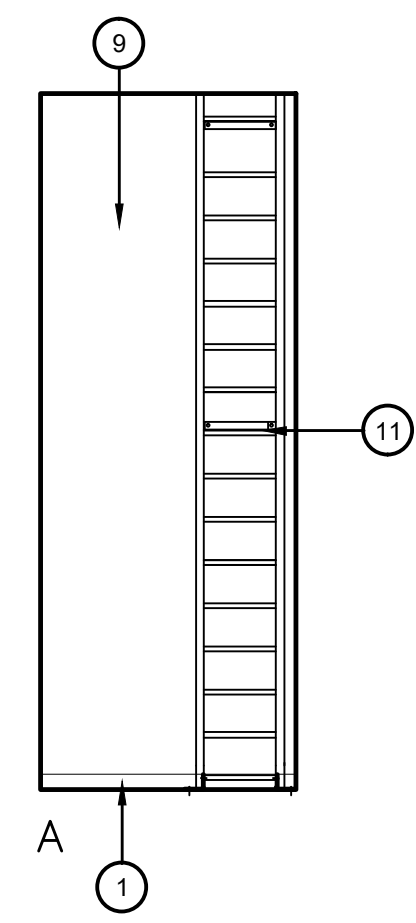
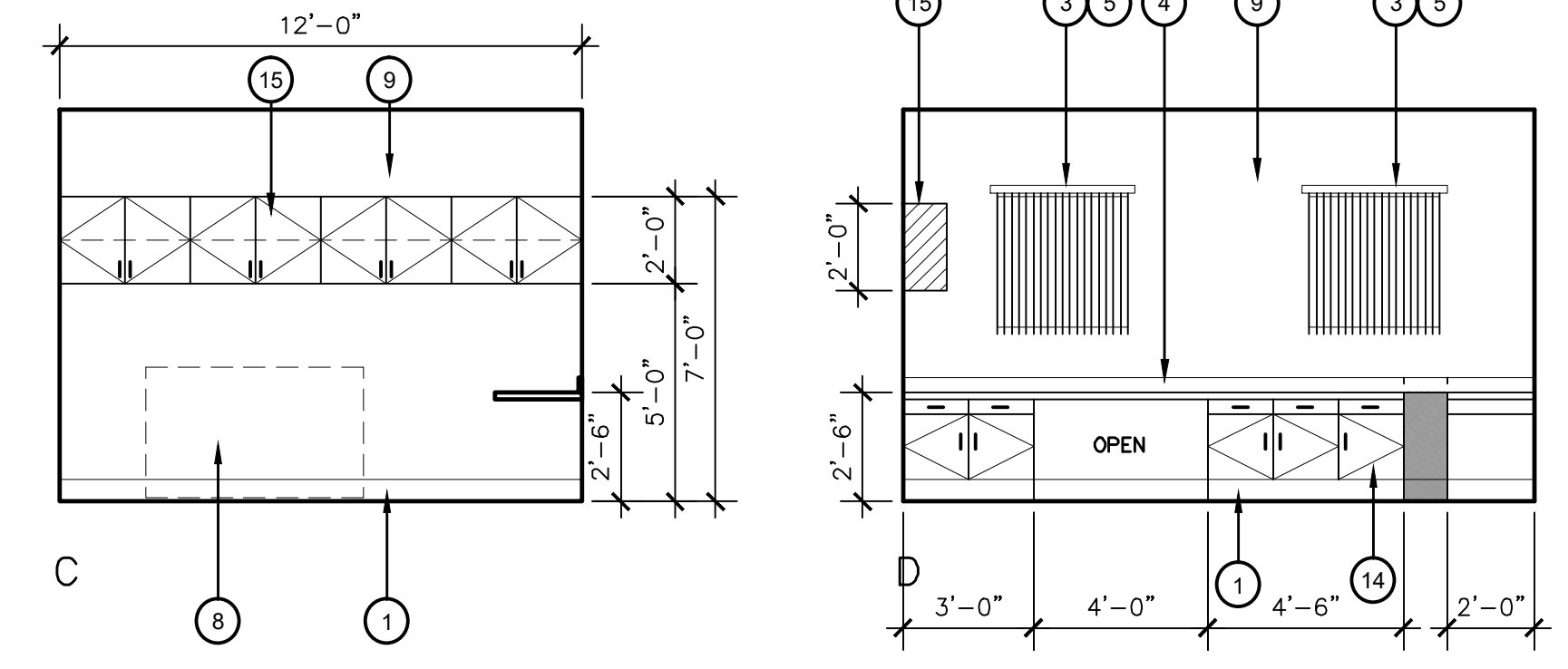
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5527

Sheet No.:
A5.10

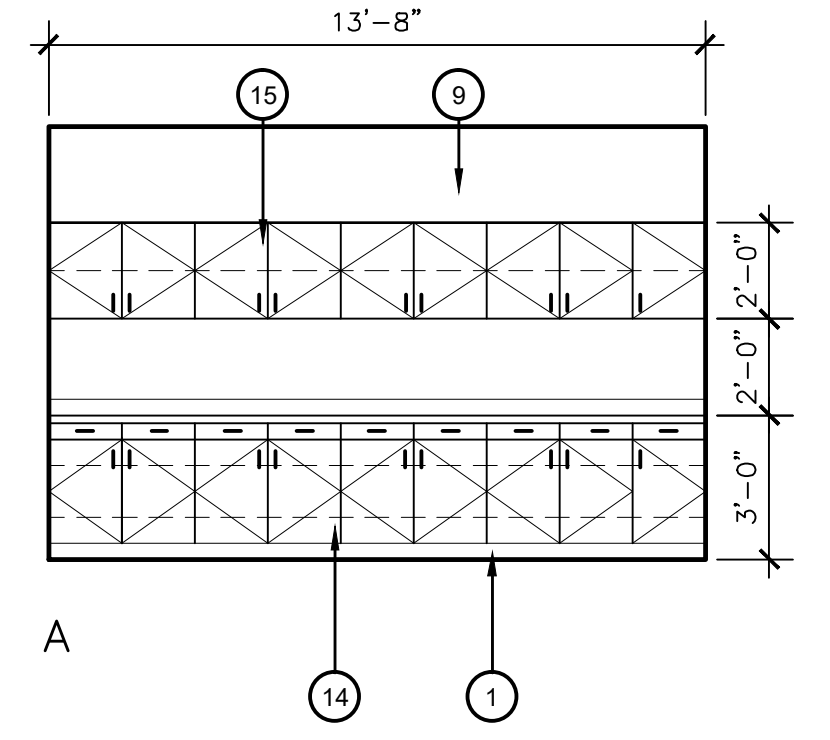
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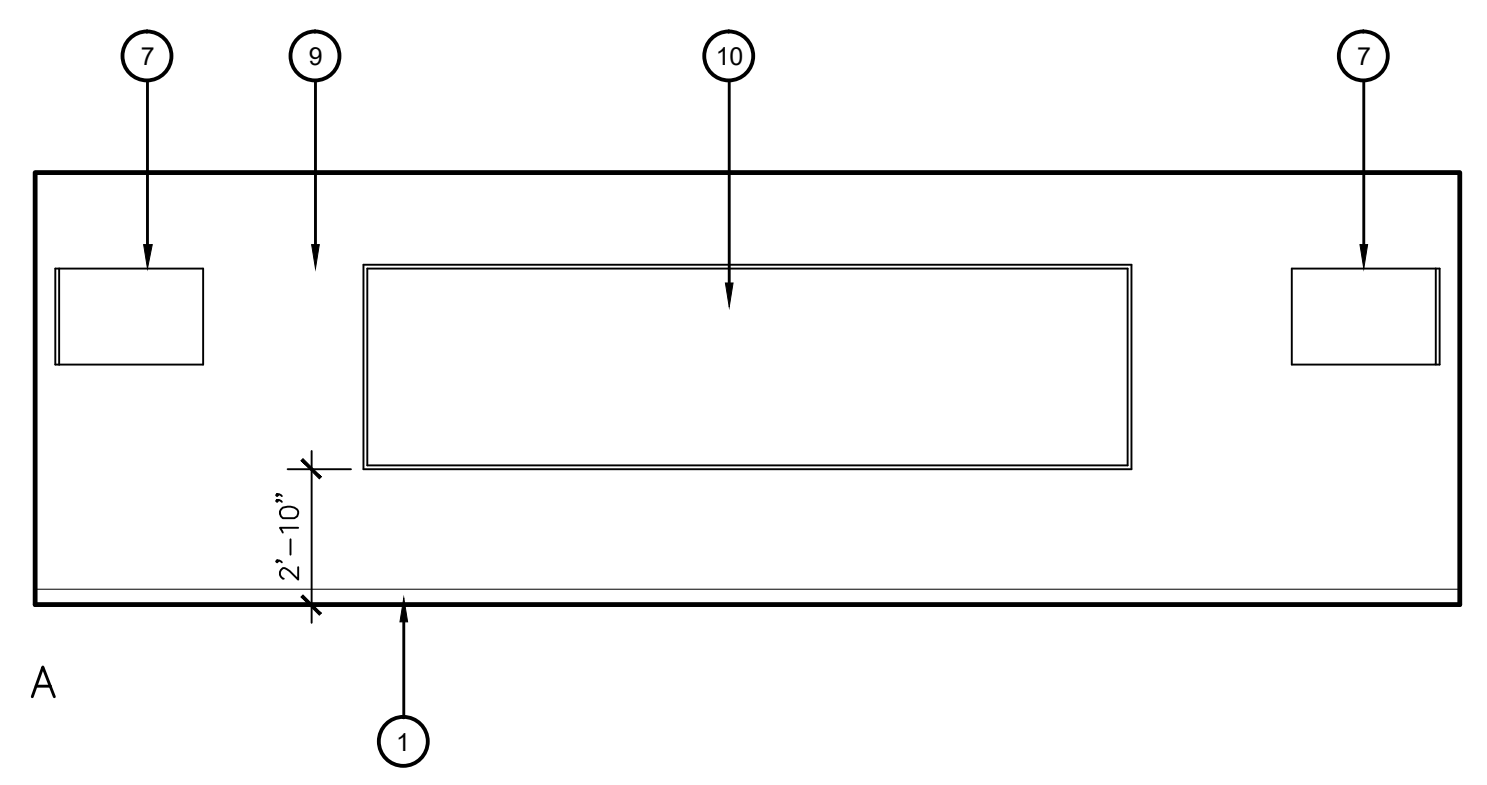
1 OFFICE 117
1/4" = 1'-0"



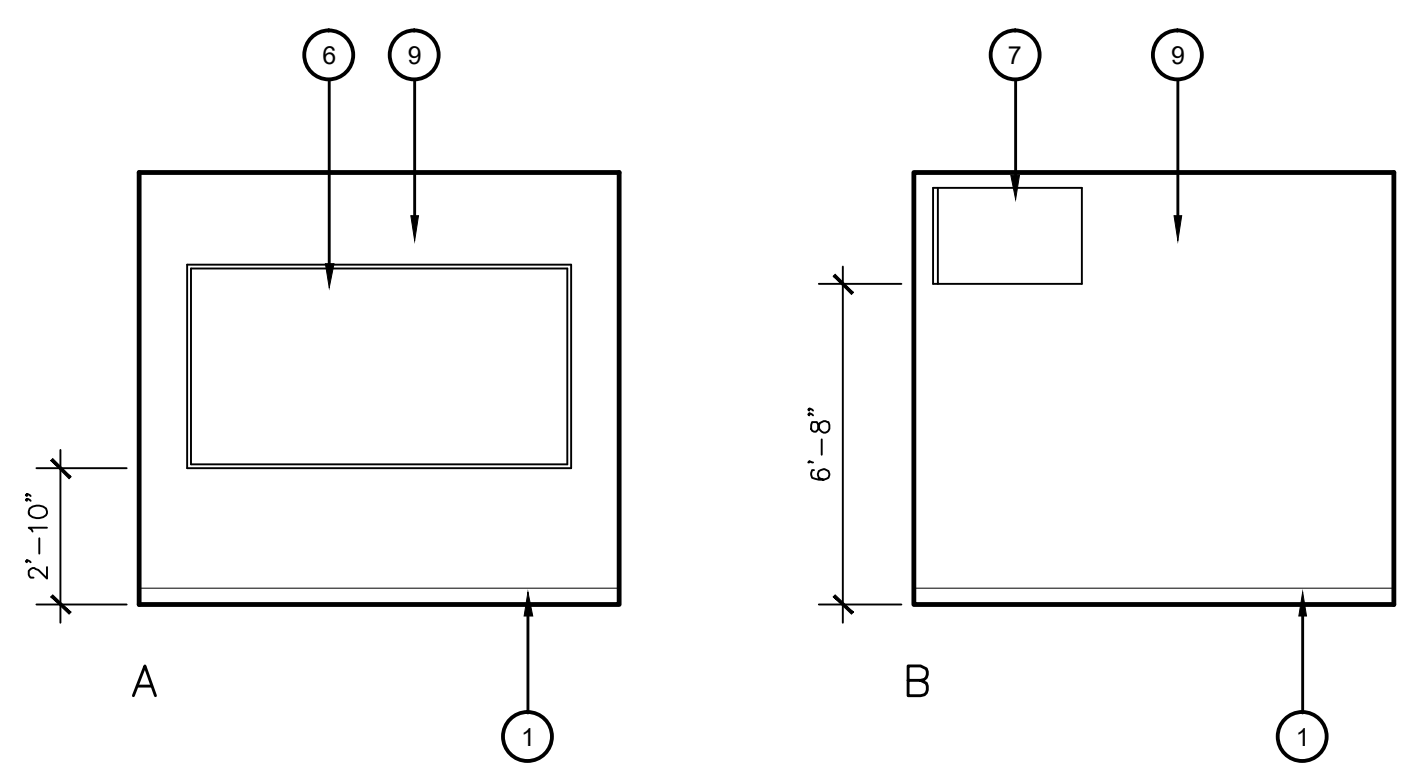
3 ELECT/SERVER ROOM 122
1/4" = 1'-0"



4 STORAGE ROOM 123
1/4" = 1'-0"



2 TRAINING ROOM 121
1/4" = 1'-0"



5 THERAPY ROOM 124
1/4" = 1'-0"

KEY NOTES

1. 4" RUBBER TOPSET BASE
2. NOT USED
3. WINDOW FRAME, SEE WINDOW ELEVATIONS & SCHEDULE
4. 12 MM CORIAN W/ 4" BACK SPLASH
5. VERTICAL LOUVRE BLINDS
6. 4'X8' MARKER BOARD - SEE DETAIL 9/A8.02
7. T.V BRACKETS - SEE DETAIL 8/A8.02
8. COPIER - F.B.O
9. GYPSUM BOARD TEXTURE, PRIME, AND PAINT.
10. 4' X 16' MARKERBOARD - SEE DETAIL 9/A8.02
11. ROOF ACCESS LADDER
12. NOT USED
13. NOT USED
14. BASE CABINETS - SEE DETAIL 12/A8.02
15. UPPER CABINETS - SEE DETAIL 12/A8.02

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BAKERSFIELD, CA 93305

Project Name:
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Project Address:
DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL
1100 CITADEL STREET
BAKERSFIELD, CA 93307

GENERAL NOTES

1. REFER TO ROOM FINISH SCHEDULE FOR FINISHES SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS & FINISHES
2. CONTRACTOR SHALL PROVIDE BACKING AS PER MANUFACTURES REQUIREMENTS FOR ALL WALL MOUNTED ACCESSORIES. SEE DETAIL 11/A8.01 FOR ACCESSORY MOUNTING HEIGHTS AND DETAIL 12/A8.02 FOR CASEWORK ANCHORING
3. COLORS FOR ALL ITEMS OF WORK SHALL BE SELECTED BY ARCHITECT
4. ALL CABINET DOOR PULLS SHALL BE MOUNTED VERTICALLY AND DRAWER PULLS SHALL BE MOUNTED HORIZONTALLY
5. CONTRACTOR SHALL COORDINATE w/ ELECTRICAL, PLUMBING, AND MECHANICAL DRAWINGS FOR LOCATIONS OF ALL OUTLETS, EXITS SIGNS, DATA BOXES, ACCESS DOORS, AND REQUIRED FINISHES
6. SEE DETAILS ON SHEET A8.01 FOR STANDARD MINIMUM ACCESSIBLE CLEARANCES/HEIGHTS AT TOILETS, LAVATORIES, TOILET ACCESSORIES, DRINKING FOUNTAINS, ETC.

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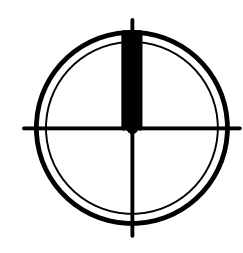
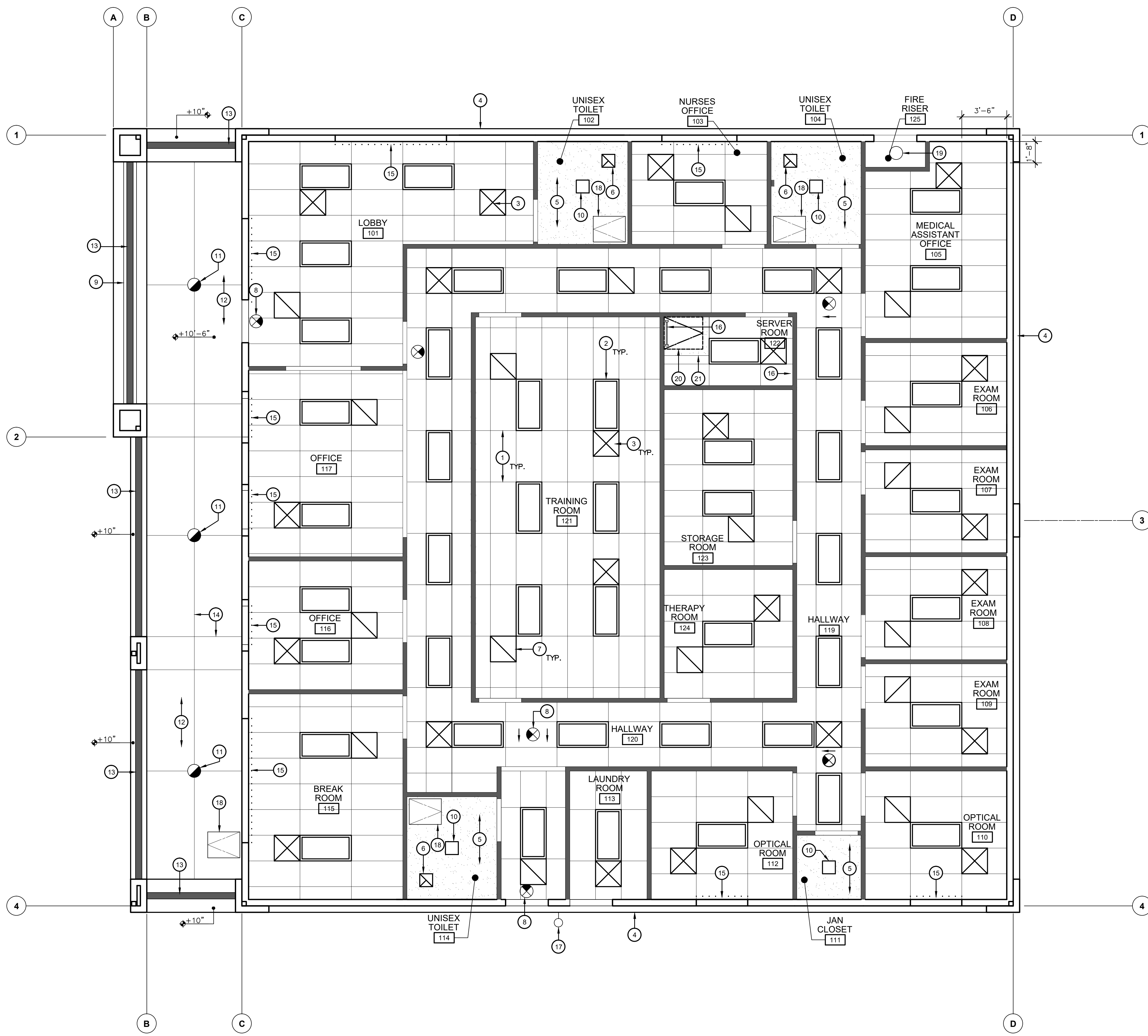
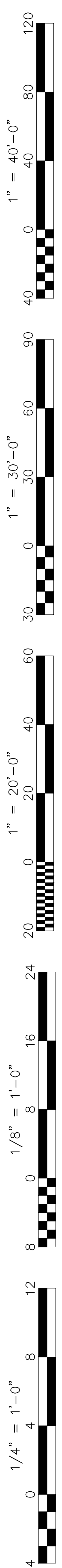
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Sheet Title:
INTERIOR ELEVATIONS

Job No.:
5527

Sheet No.:
A5.11

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REFLECTED CEILING PLAN
WELLNESS CENTER

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

KEY NOTES

1. SUSPENDED ACOUSTICAL PANEL CEILING SEE SHEETS A8.03 & A8.04
2. RECESSED LIGHT FIXTURE - SEE ELECTRICAL
3. MECHANICAL SUPPLY GRILLE - SEE MECHANICAL
4. ROOF OVERHANG
5. GYPSUM BOARD CEILING - SEE DETAIL 14/A7.05
6. EXHAUST FAN - SEE MECHANICAL
7. RETURN GRILLE - SEE MECHANICAL
8. ILLUMINATED EXIT SIGN - SEE ELECTRICAL
9. BOX BEAM
10. 1'X1' SURFACE MOUNTED LIGHT FIXTURE - SEE ELECTRICAL
11. CAN LIGHT FIXTURE
12. CEMENT PLASTER SOFFIT
13. 3" CONTINUOUS VENT SCREED
14. CONTROL JOINT
15. VERTICAL BLINDS
16. ROOF ACCESS LADDER
17. WALL MOUNTED LIGHT FIXTURE
18. ATTIC ACCESS DOOR - SEE DETAIL 1/A7.02
19. FIRE RISER
20. ROOF ACCESS DOOR - SEE 10/A7.01
21. HANGING SOFFIT

GENERAL NOTES

1. ALL GYPSUM BOARD SOFFITS AND CEILINGS SHALL BE 5/8" THICK, UNLESS NOTED OTHERWISE.
2. SEE INTERIOR ELEVATIONS / SECTIONS FOR ADDITIONAL INFORMATION AT SPECIAL CEILING AREAS
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROPER WATER TIGHT FLASHING AROUND ALL ROOF PENETRATIONS, PER SMACNA STANDARDS

LEGEND

- SUSPENDED ACOUSTICAL TILE CEILING TO REMAIN
- SOFFIT
- 2x4 RECESSED LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
- RECESSED CAN LIGHT
- WALL MOUNTED LIGHT FIXTURE
- 1x1 SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
- EXIT SIGN
- MECHANICAL SUPPLY GRILLE (SEE MECHANICAL DRAWINGS)
- EXHAUST FAN (SEE MECHANICAL DRAWINGS)
- GYPSUM BOARD CEILING

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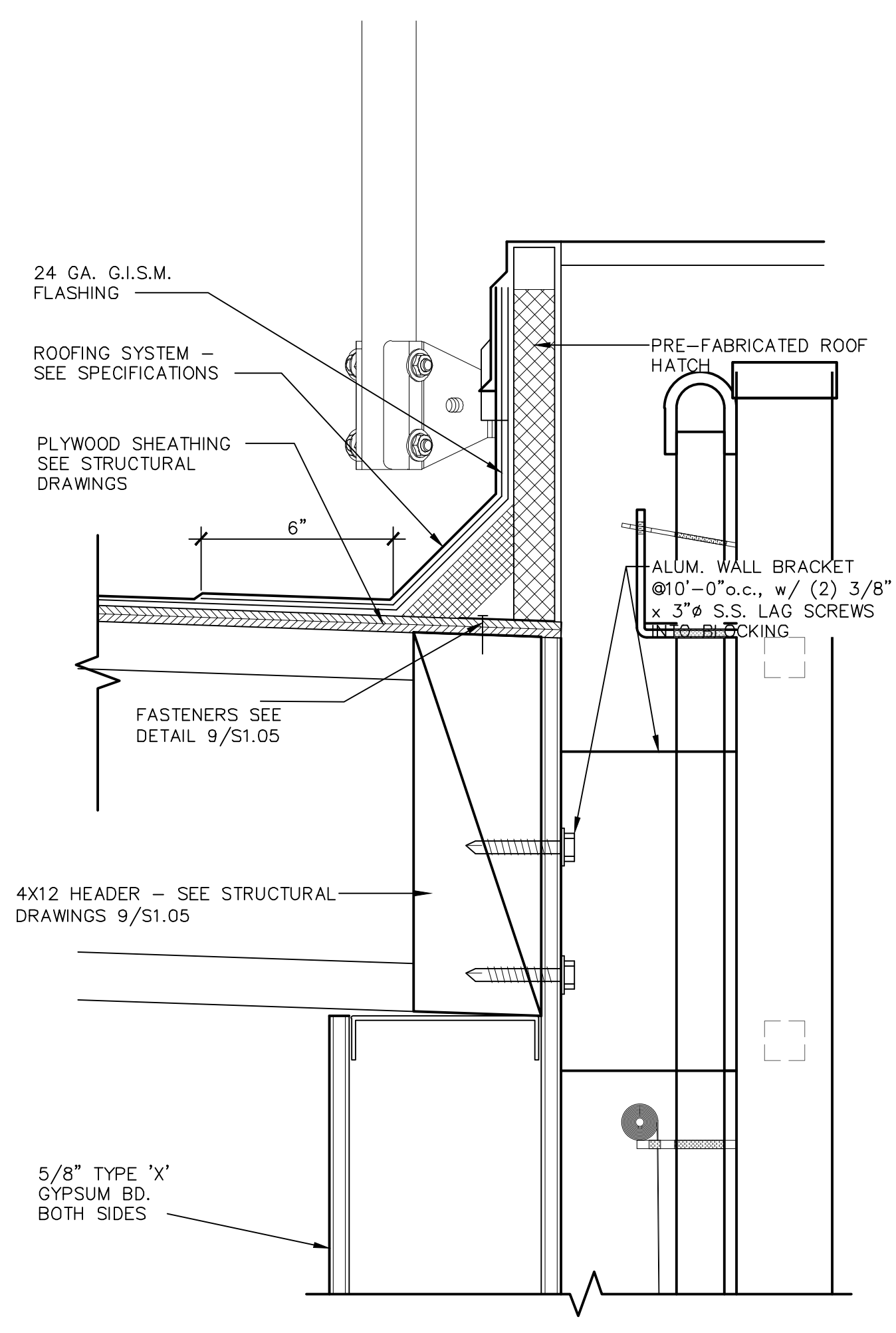
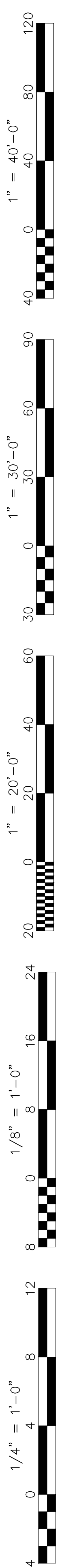
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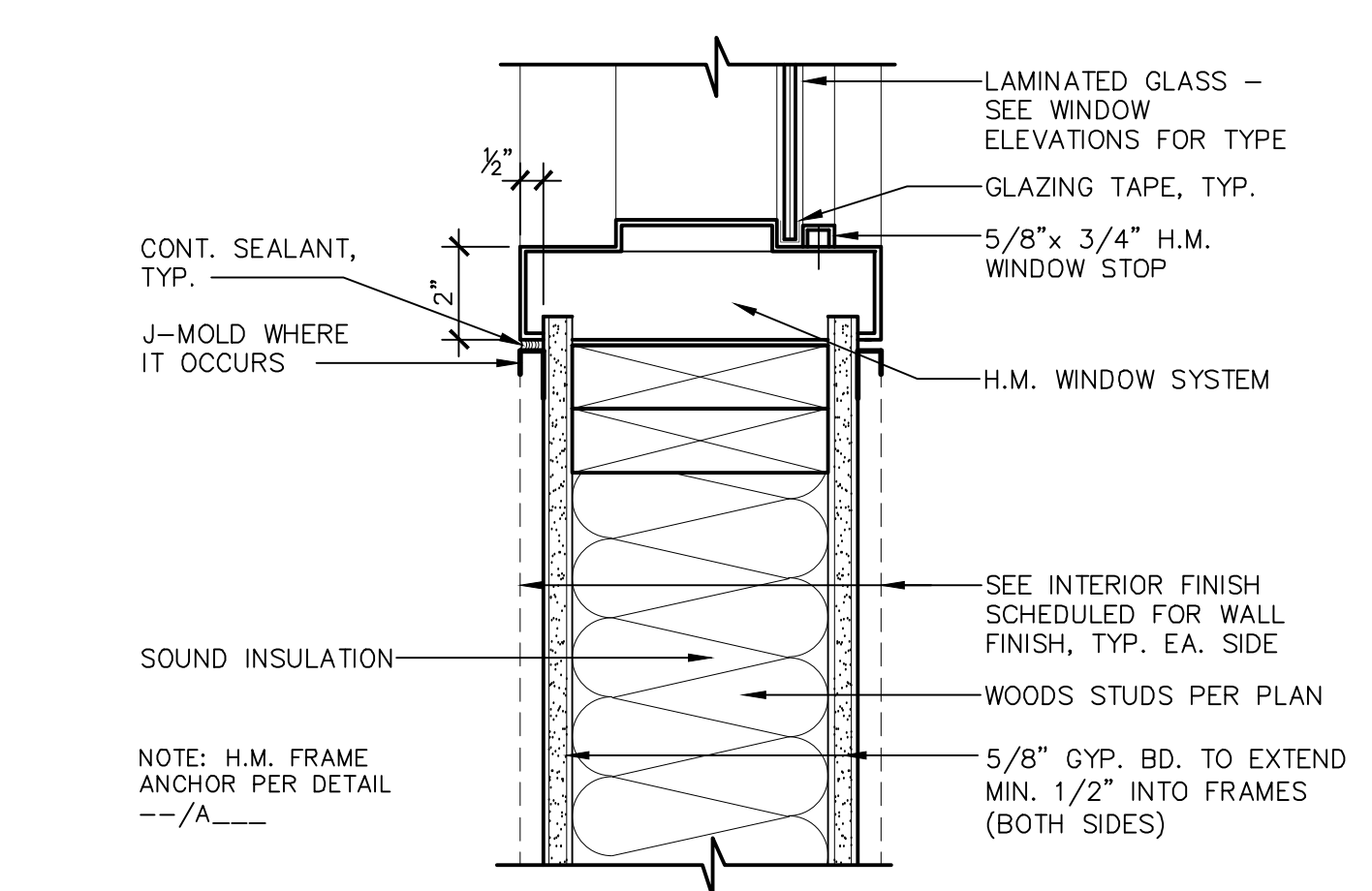
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Sheet No.: **A6.10**

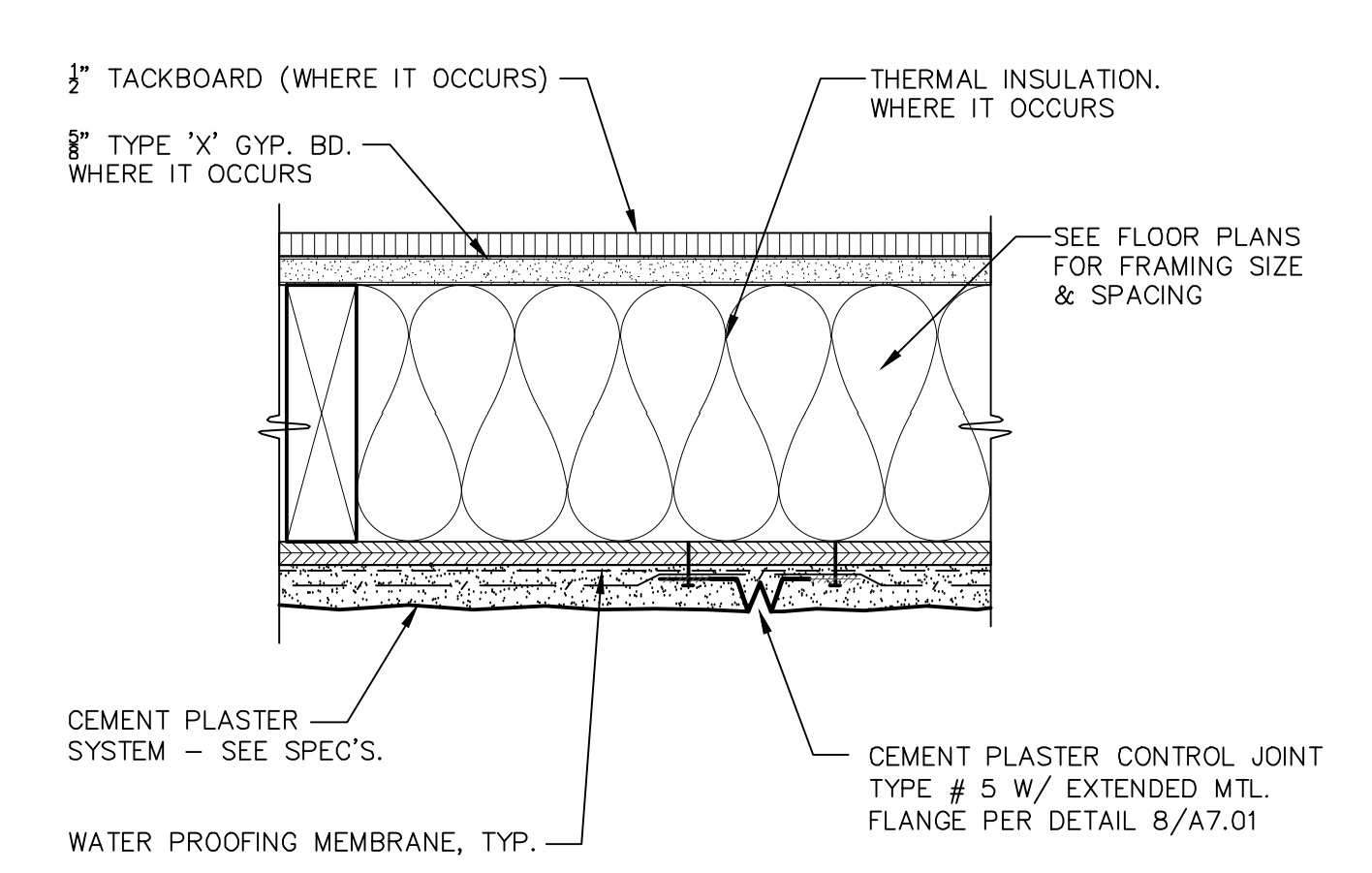
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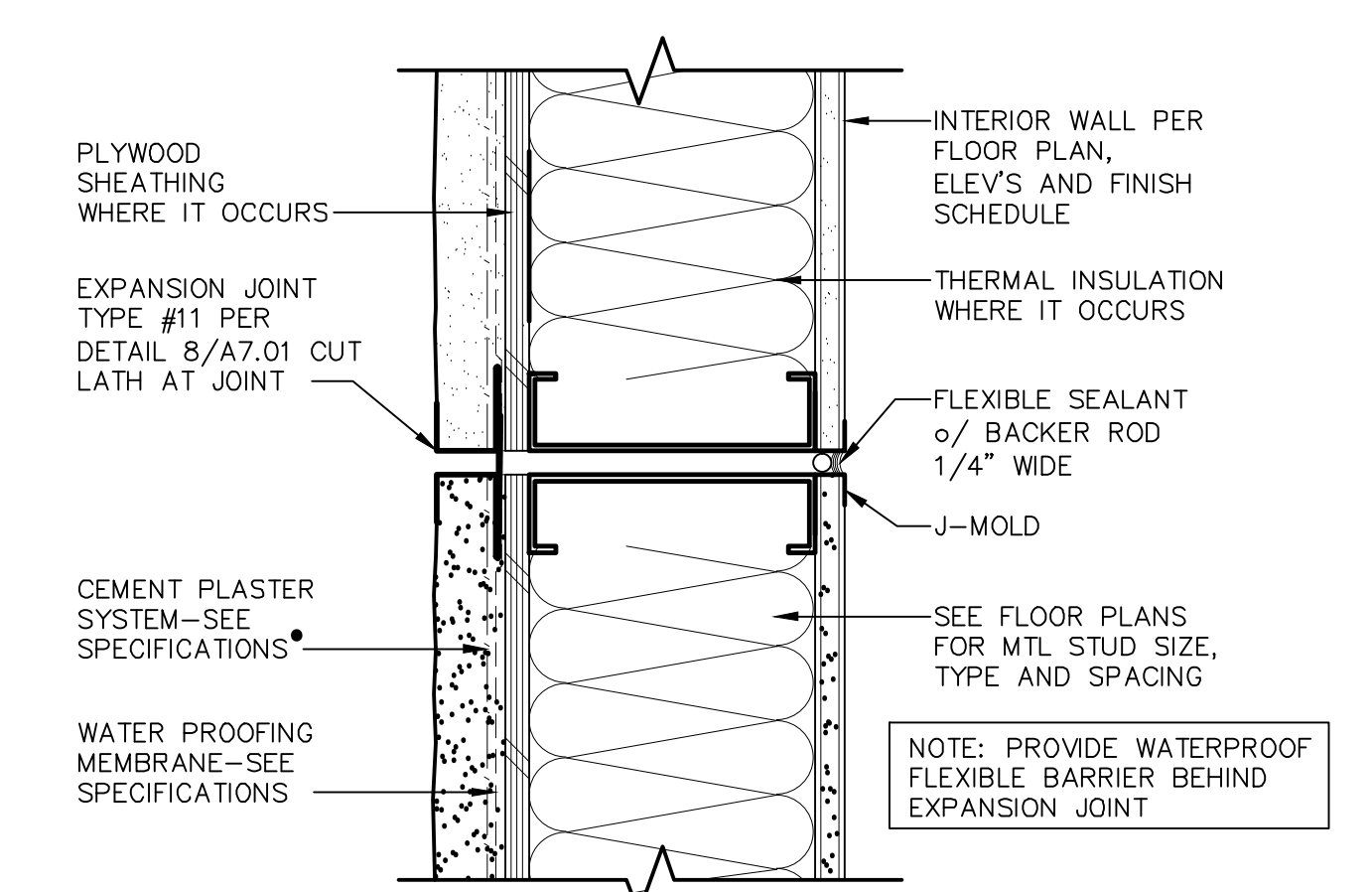
14 SECTION AT ROOF HATCH
A7.01 ADH130-04 SCALE: 3" = 1'-0"



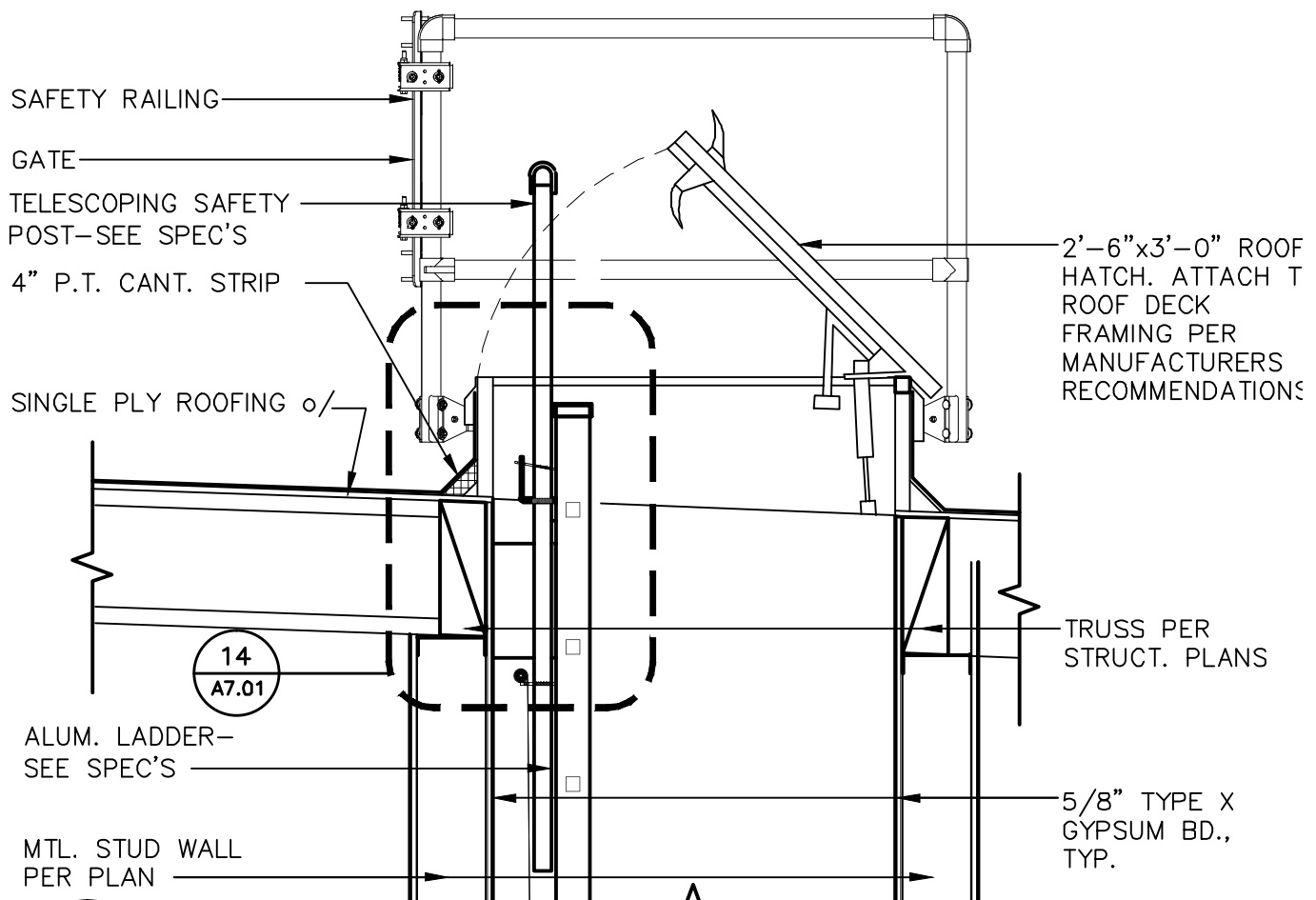
15 INTERIOR WINDOW SILL
A7.01 ADG244-03 SCALE: 3" = 1'-0"



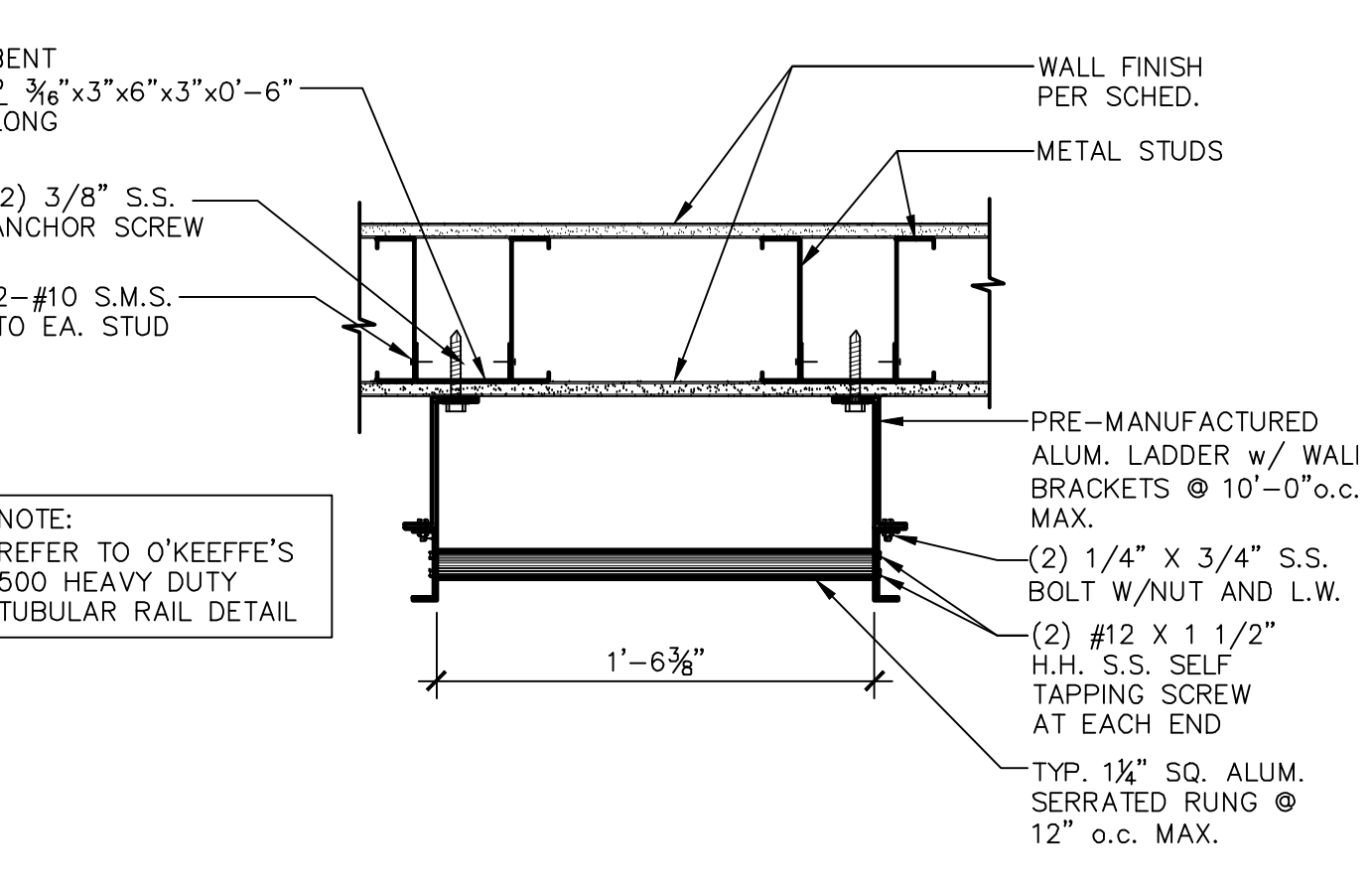
16 VERT./HORIZ. CEMENT PLASTER CONTROL SCREED
A7.01 ADW141-19 SCALE: 3" = 1'-0"



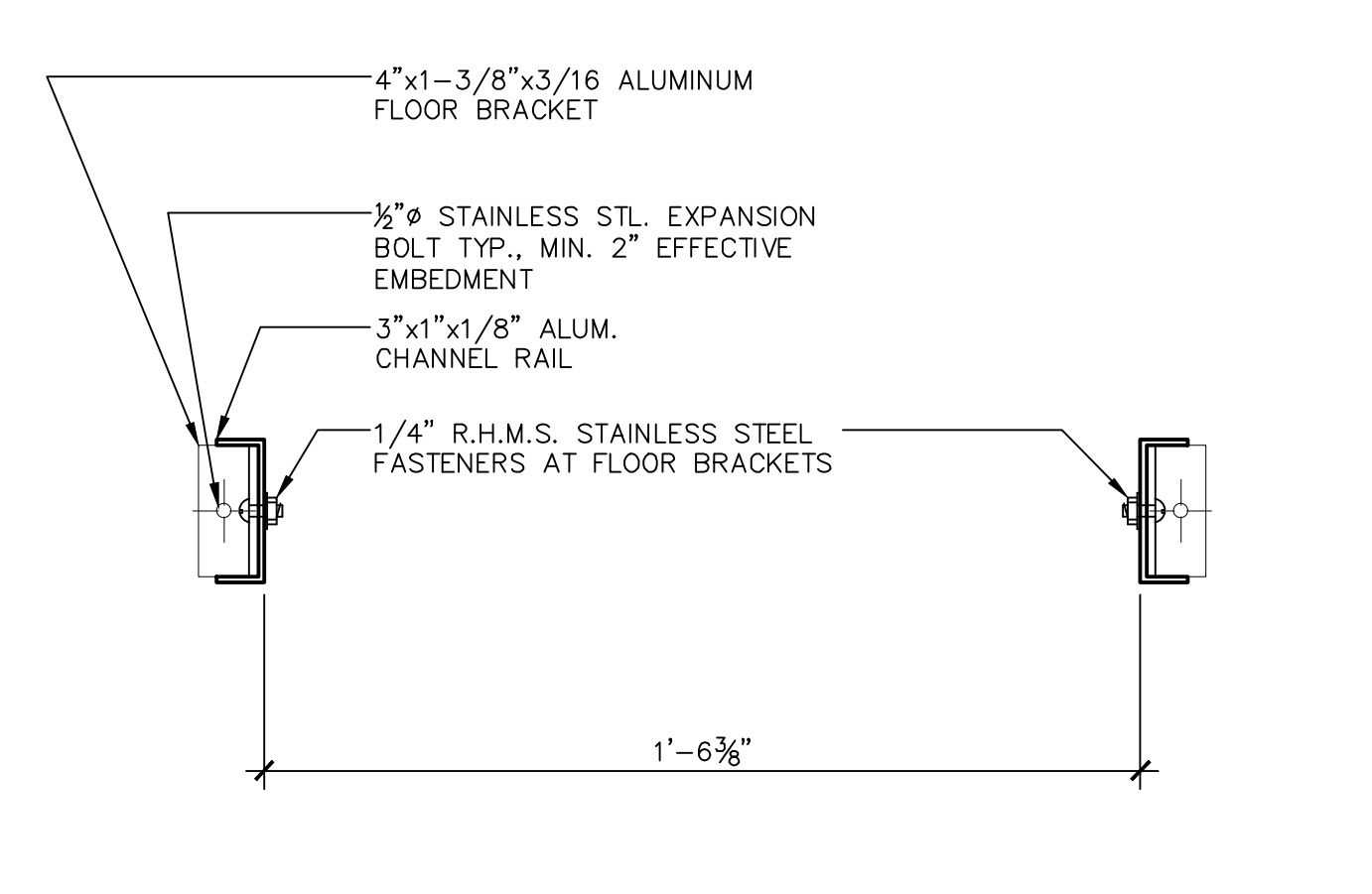
9 EXPANSION JOINT
A7.01 ADW131-08 SCALE: 3" = 1'-0"



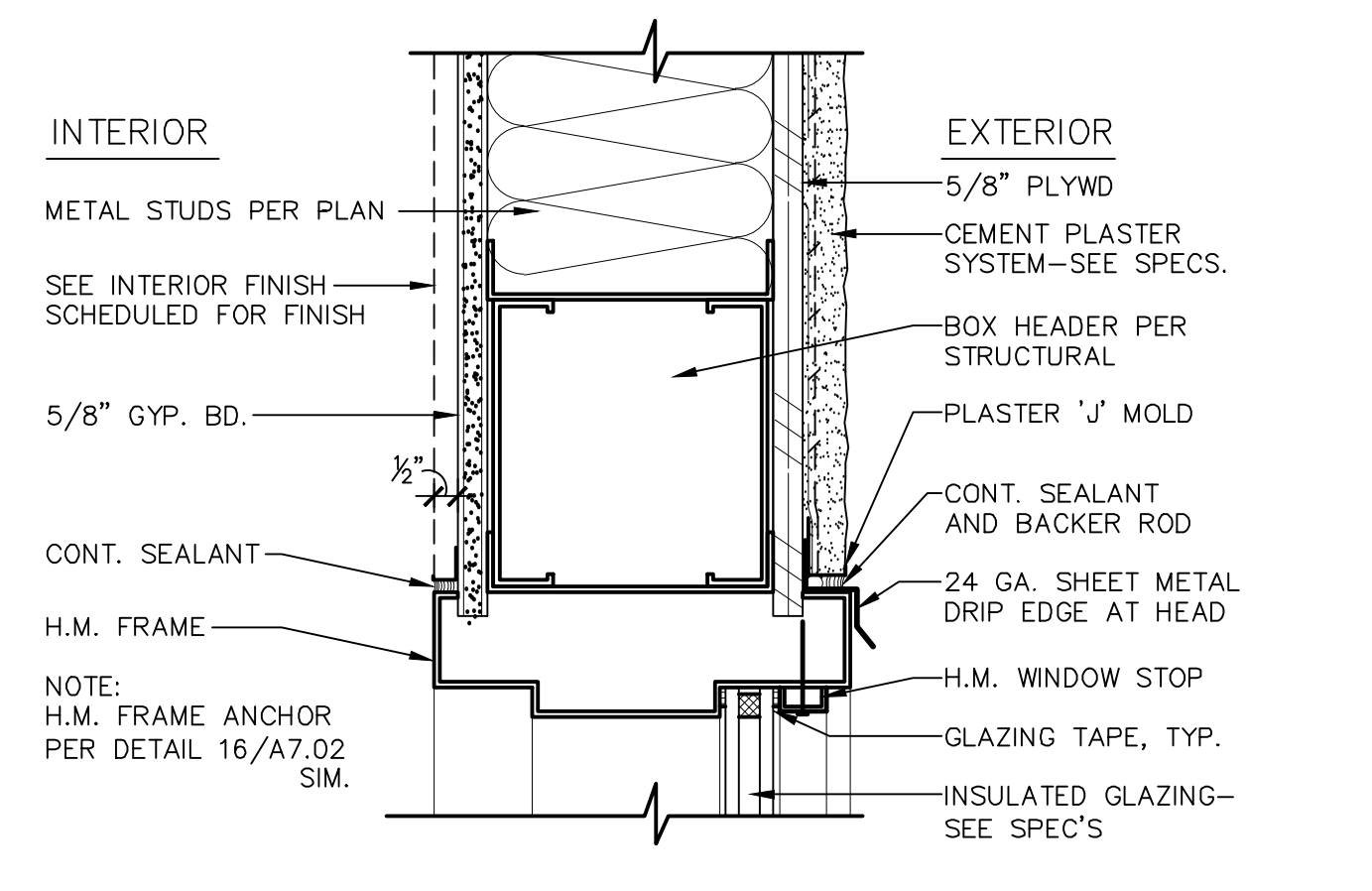
10 SECTION AT ROOF HATCH
A7.01 ADH130-01 SCALE: 3/4" = 1'-0"



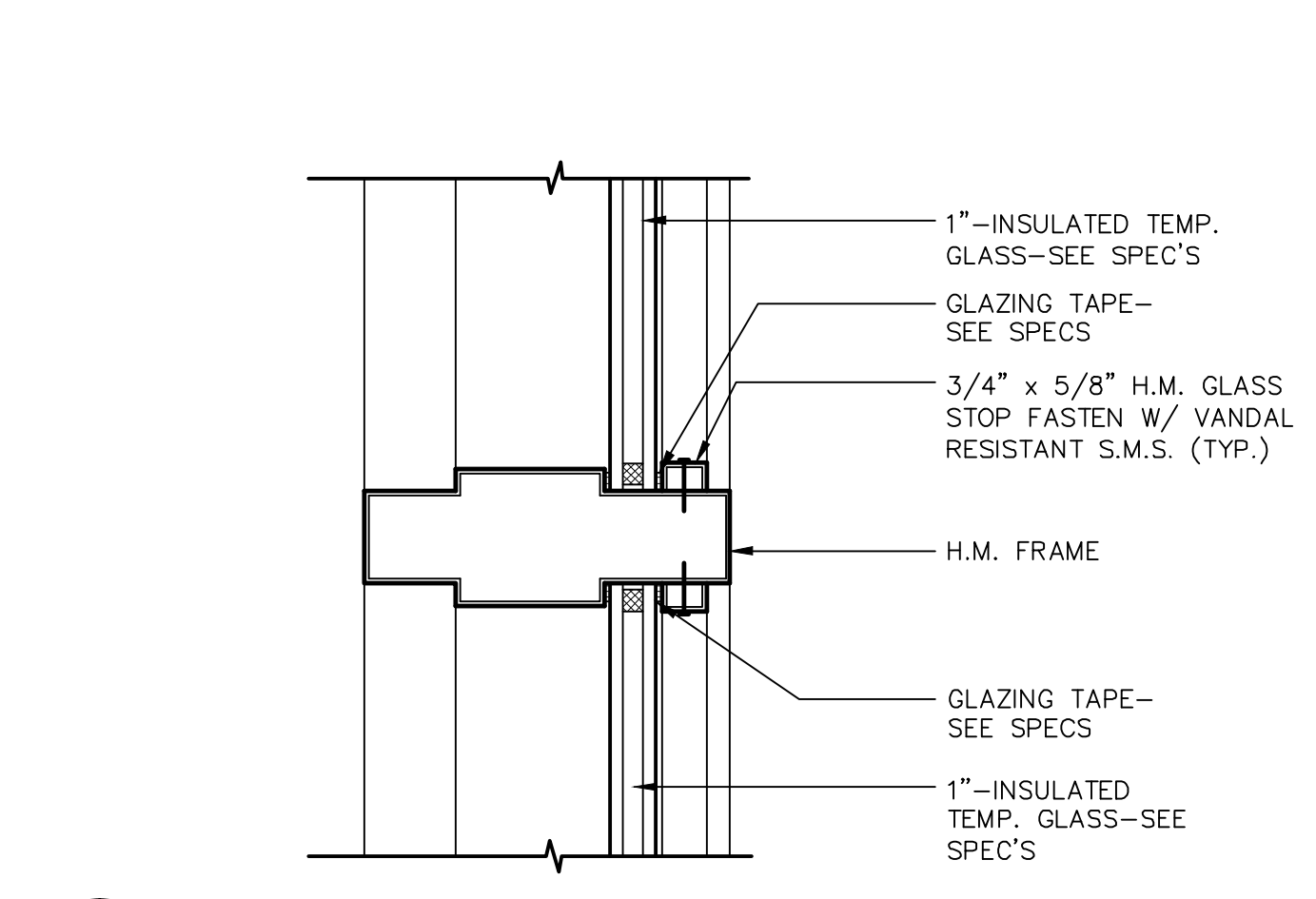
11 ROOF ACCESS LADDER - WALL ATTACHMENT
A7.01 ADH234-01 SCALE: 1 1/2" = 1'-0"



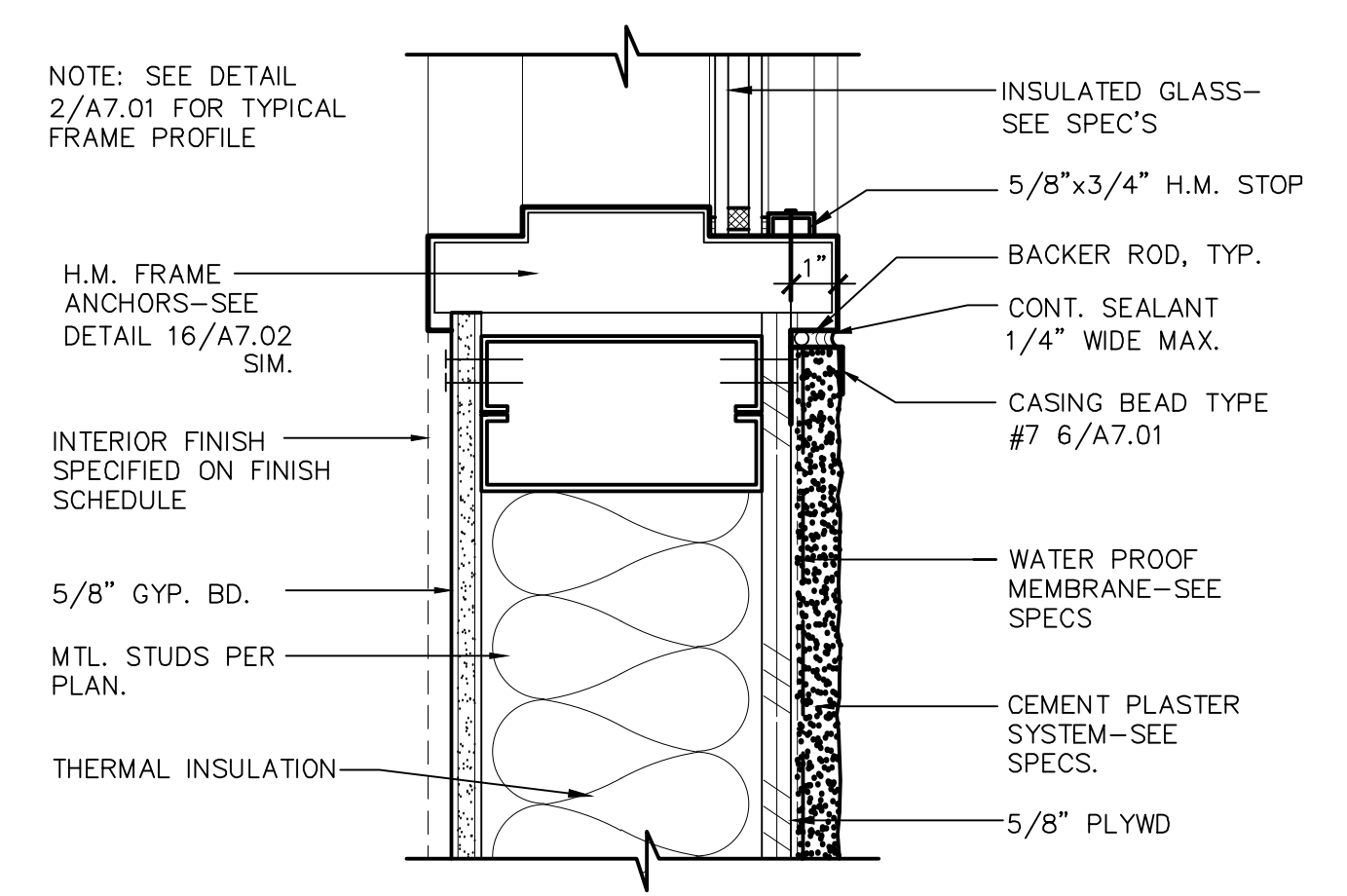
12 ROOF ACCESS LADDER - FLOOR ATTACHMENT
A7.01 ADH234-02 SCALE: 3" = 1'-0"



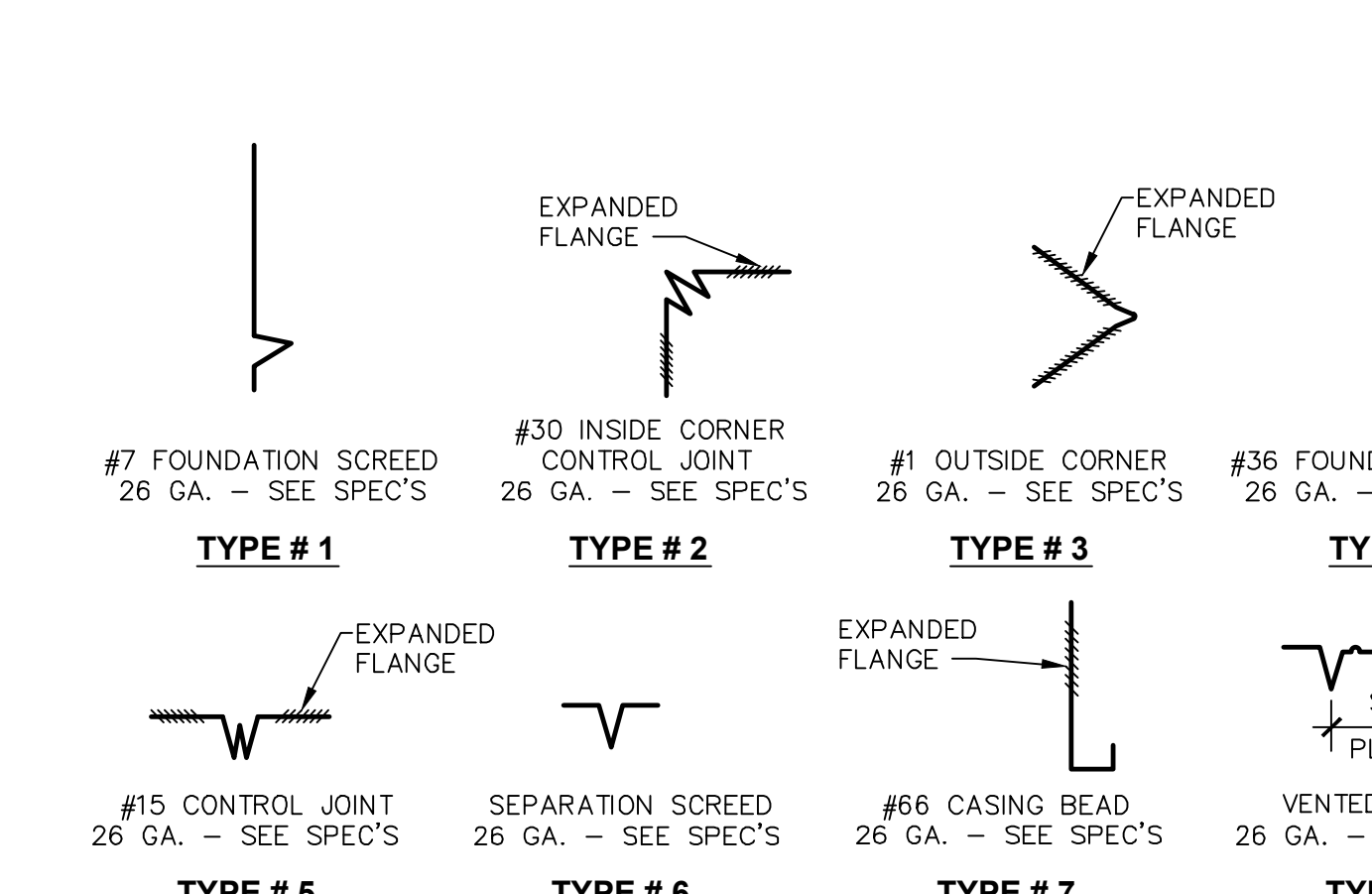
5 HOLLOW METAL WINDOW HEAD AT EXTERIOR WALL
A7.01 ADG131-01 SCALE: 3" = 1'-0"



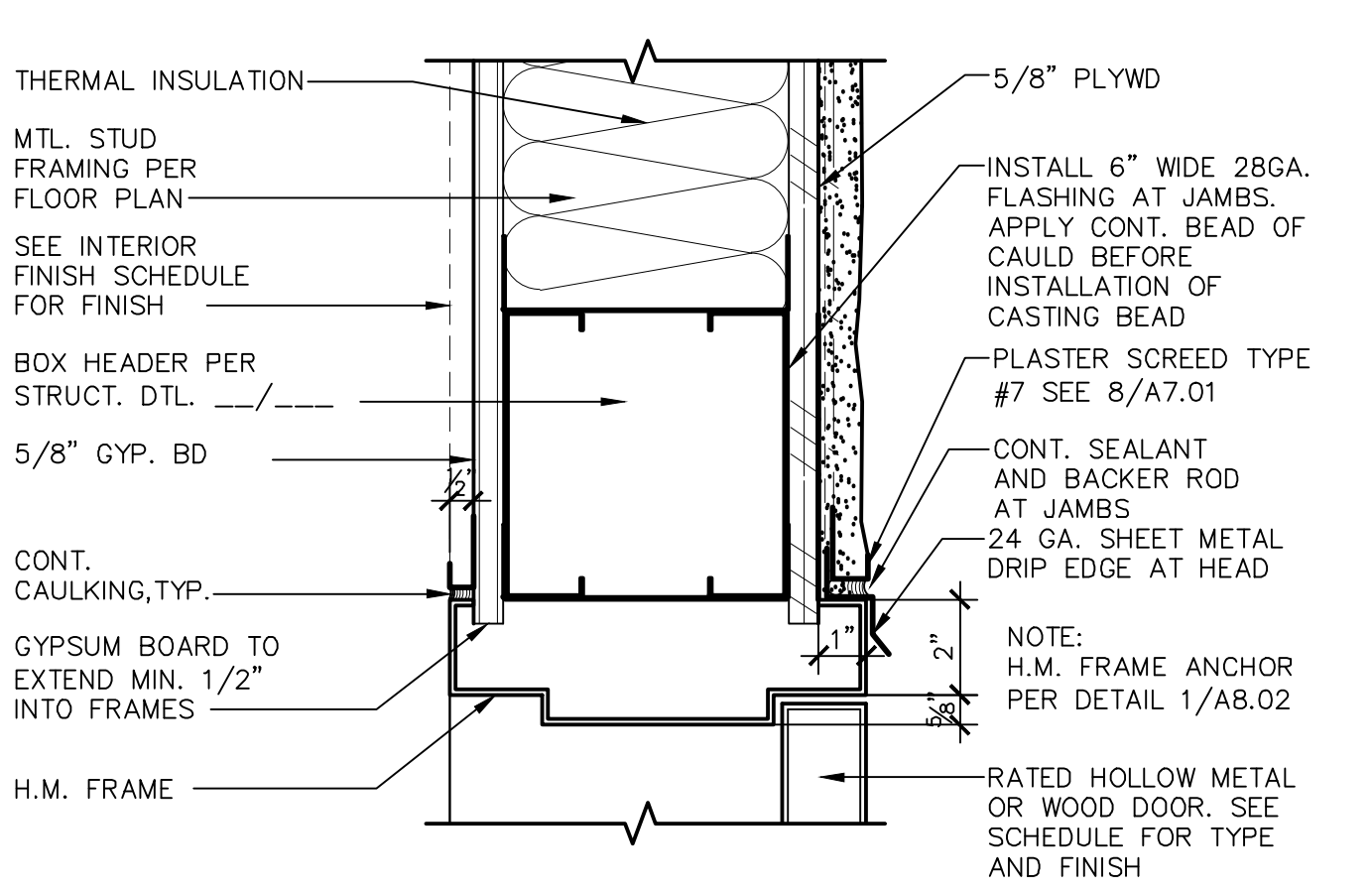
6 WINDOW H.M. FRAME
A7.01 ADG141-02 SCALE: 3" = 1'-0"



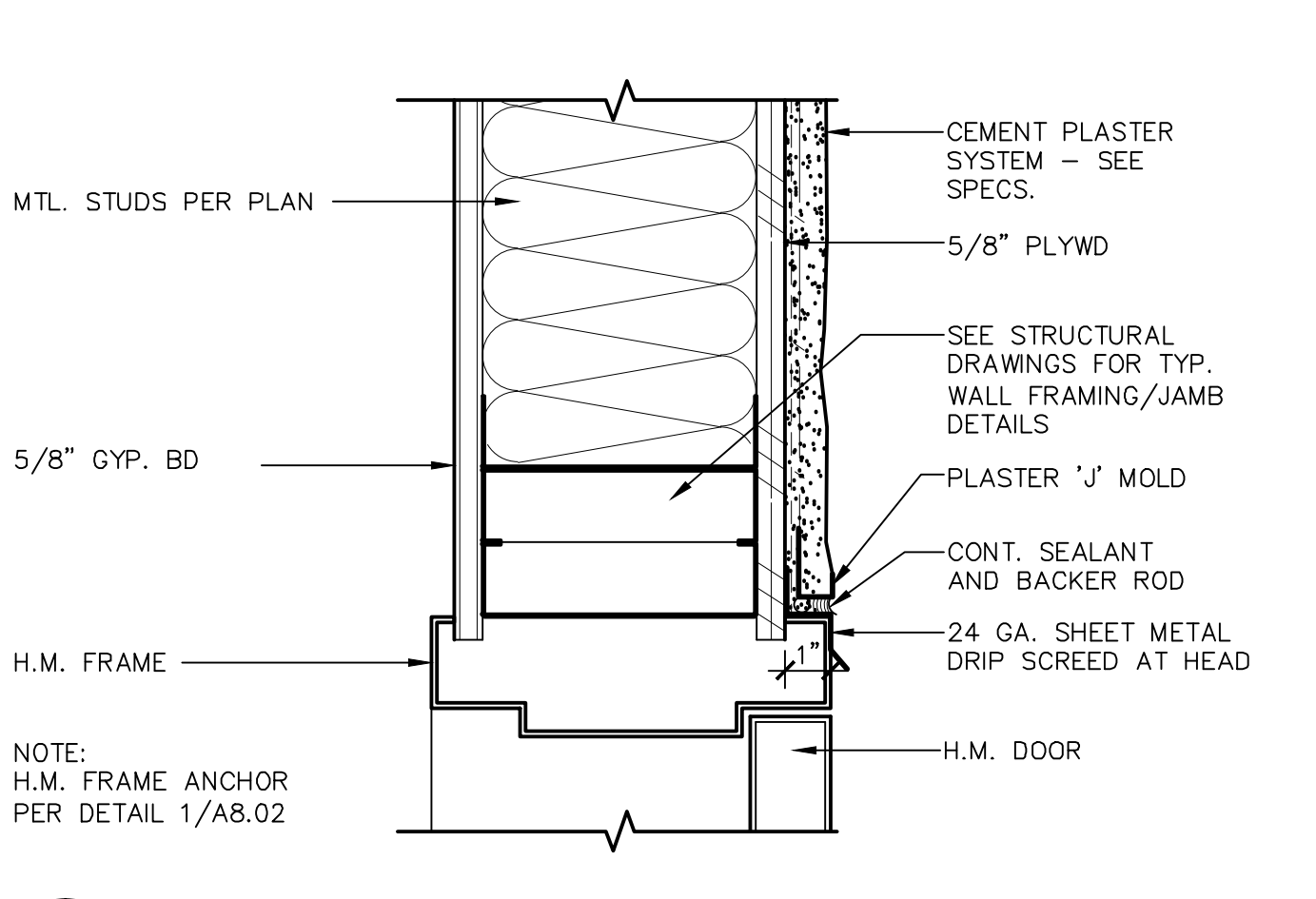
7 EXTERIOR HOLLOW METAL WINDOW JAMB / SILL
A7.01 ADG131-02 SCALE: 3" = 1'-0"



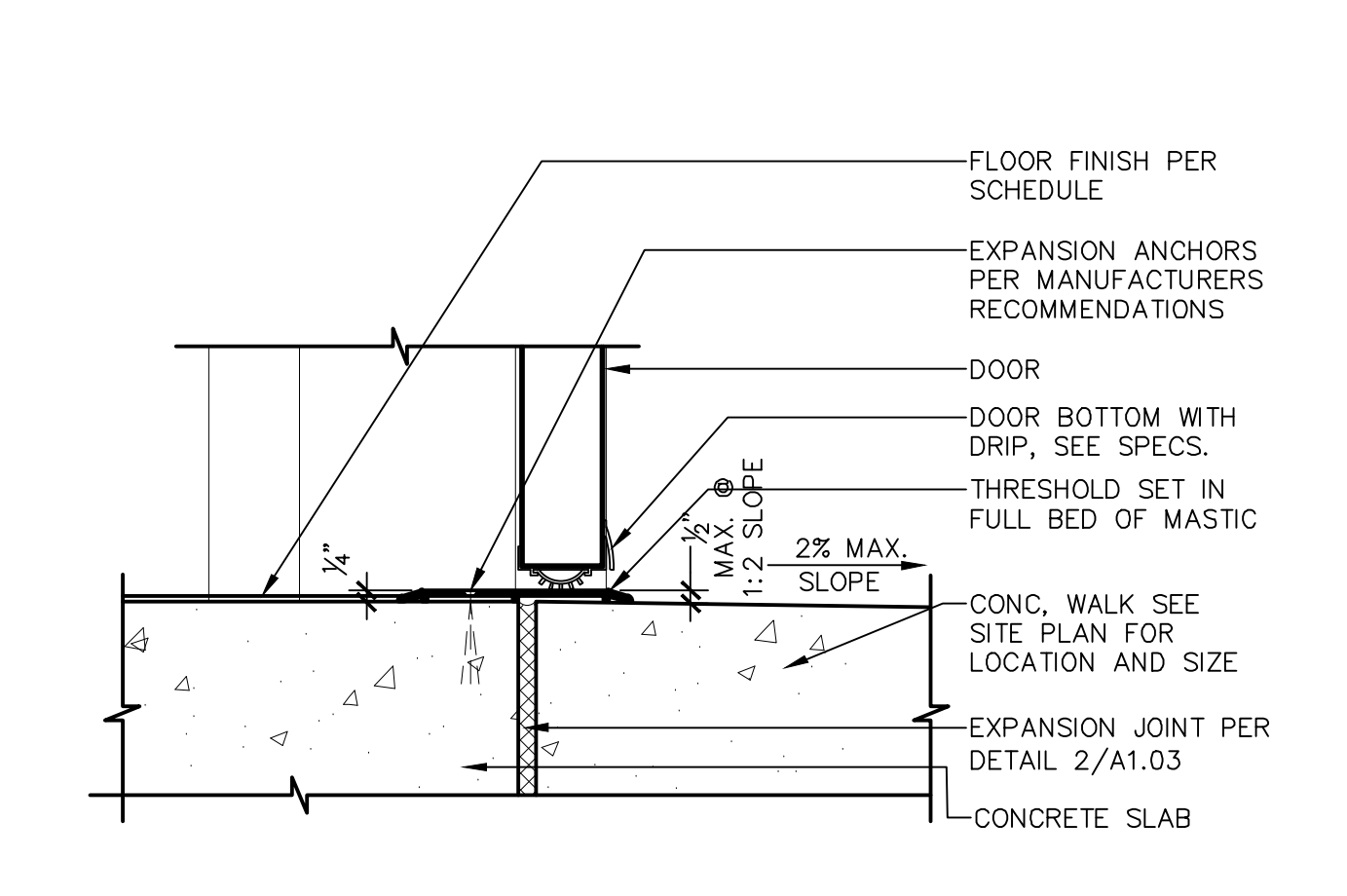
8 EXTERIOR PLASTER SCREED TYPES
A7.01 ADD101-01 SCALE: 3" = 1'-0"



1 EXTERIOR HOLLOW METAL DOOR HEAD
A7.01 ADD131-01 SCALE: 3" = 1'-0"

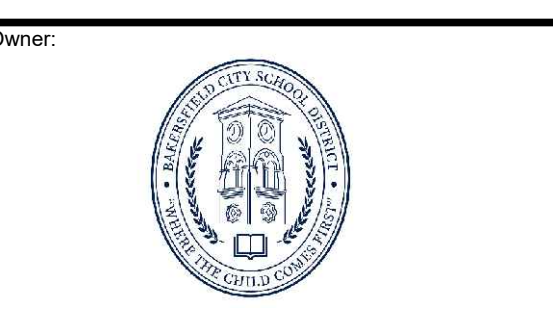


2 EXTERIOR HOLLOW METAL DOOR JAMB
A7.01 ADD131-02 SCALE: 3" = 1'-0"



3 EXTERIOR DOOR THRESHOLD
A7.01 ADD130-01 SCALE: 3" = 1'-0"

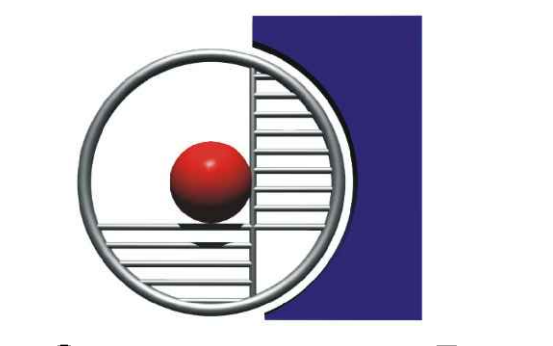
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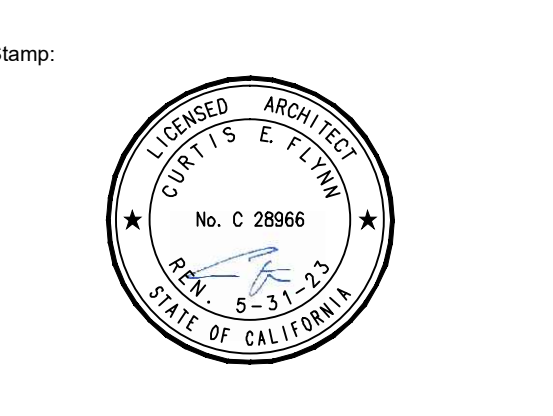
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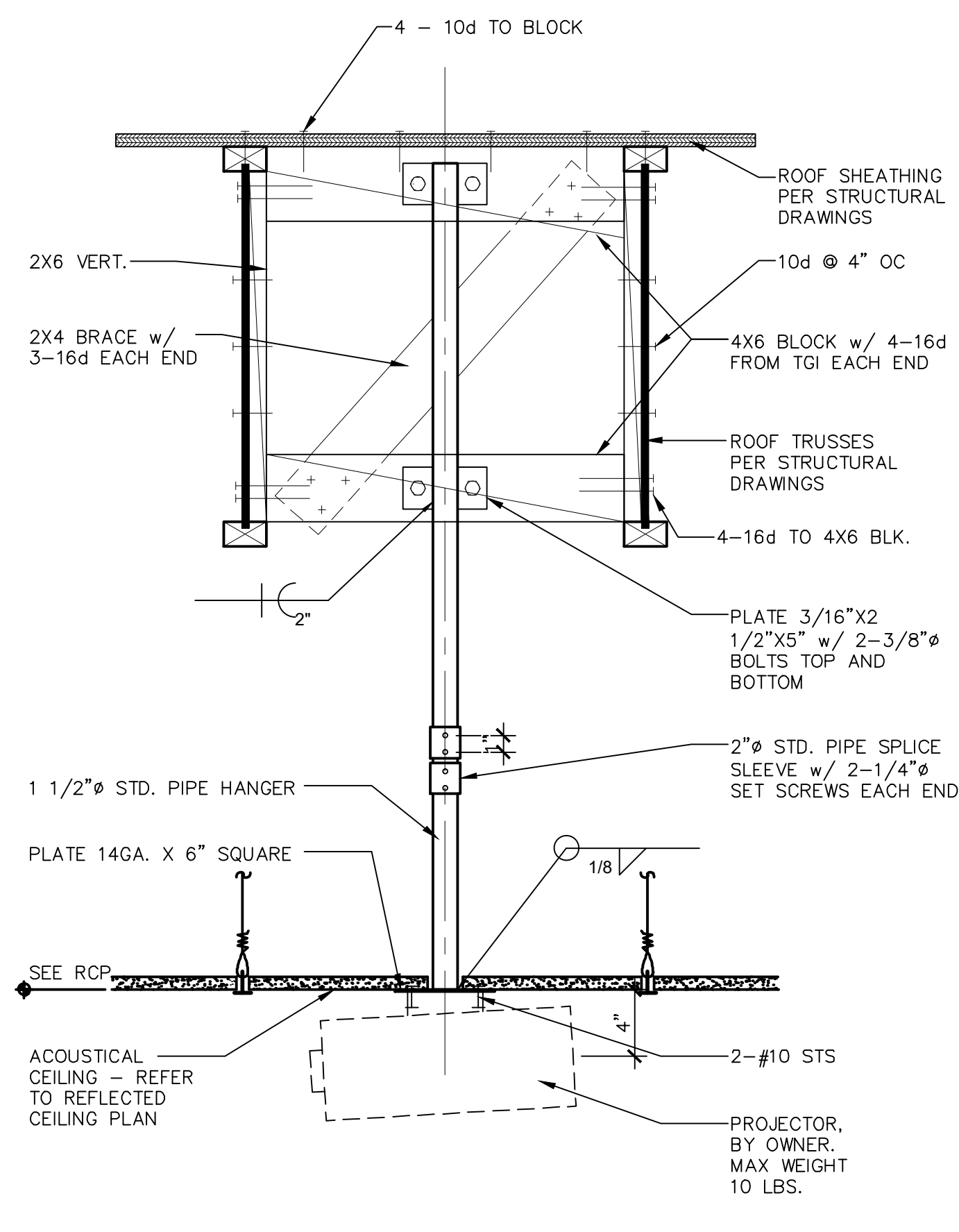
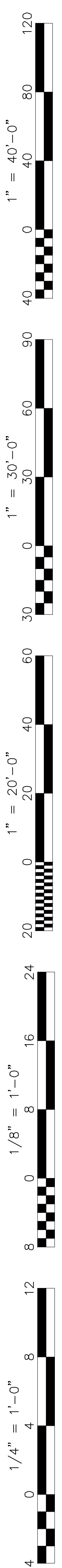


Sheet Title:
EXTERIOR DETAILS

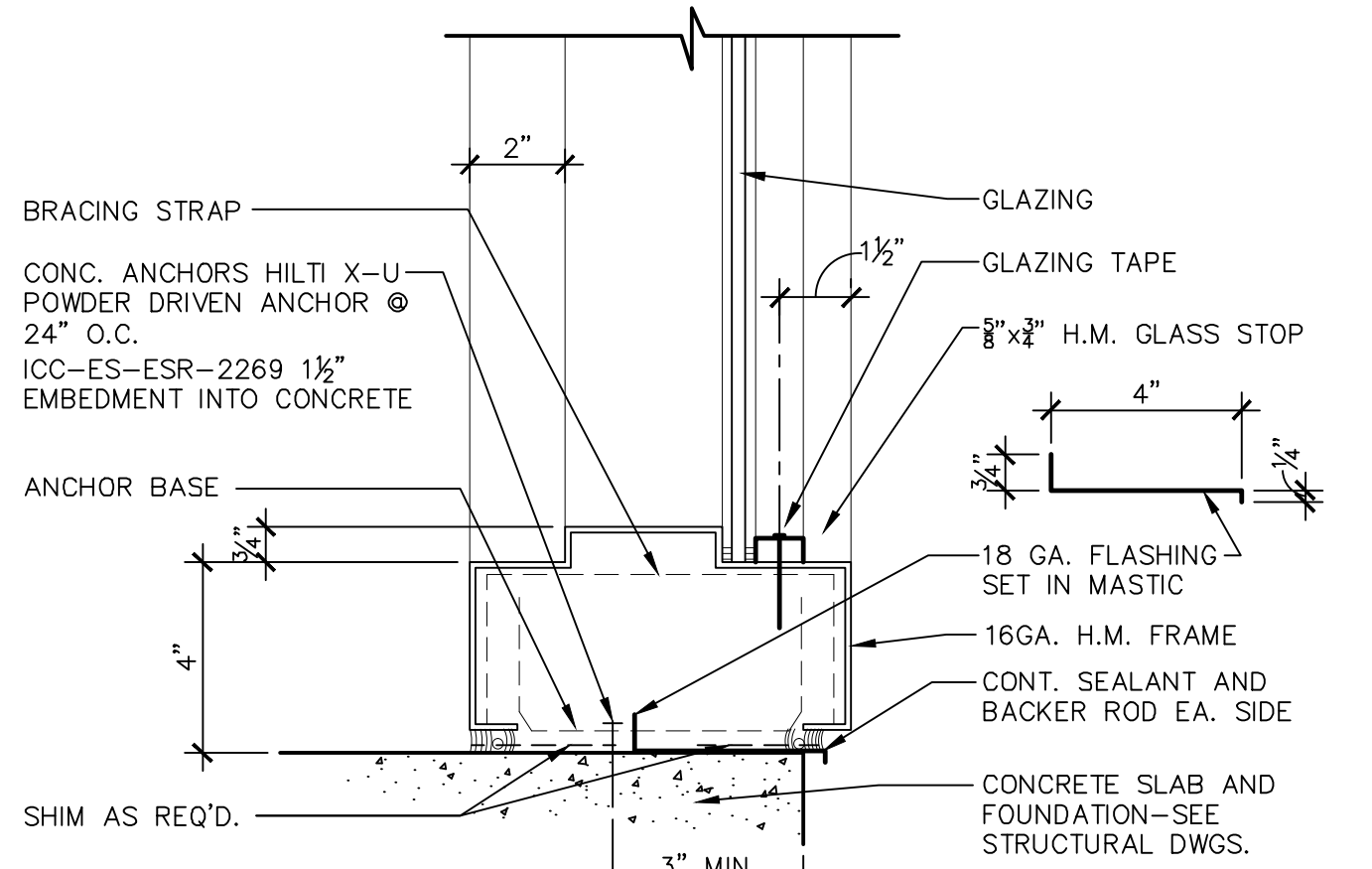
Job No.:
5527

Sheet No.:
A7.01

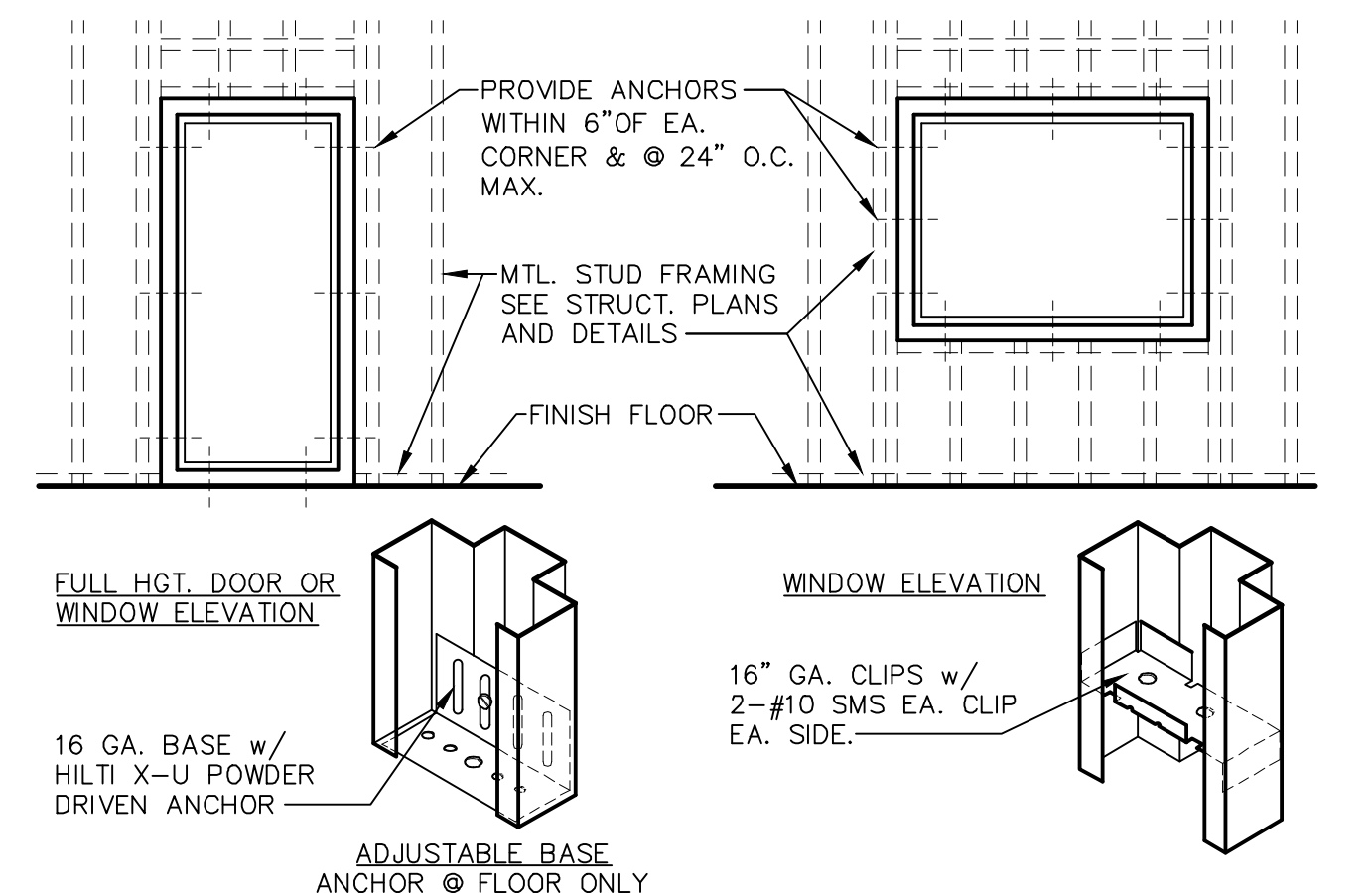
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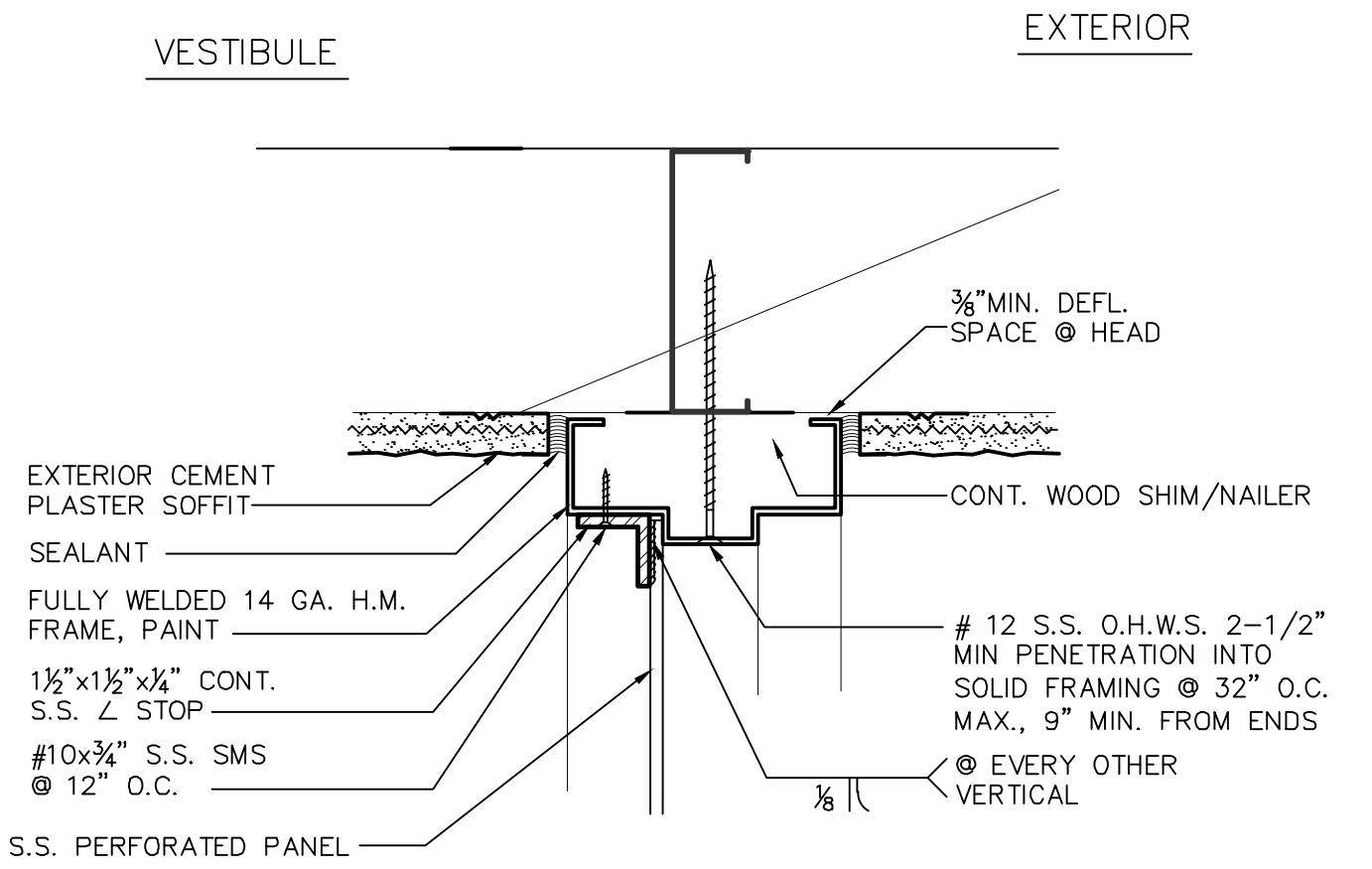
14 PROJECTOR MOUNTING
ADM200-02 SCALE: 1 1/2" = 1'-0"



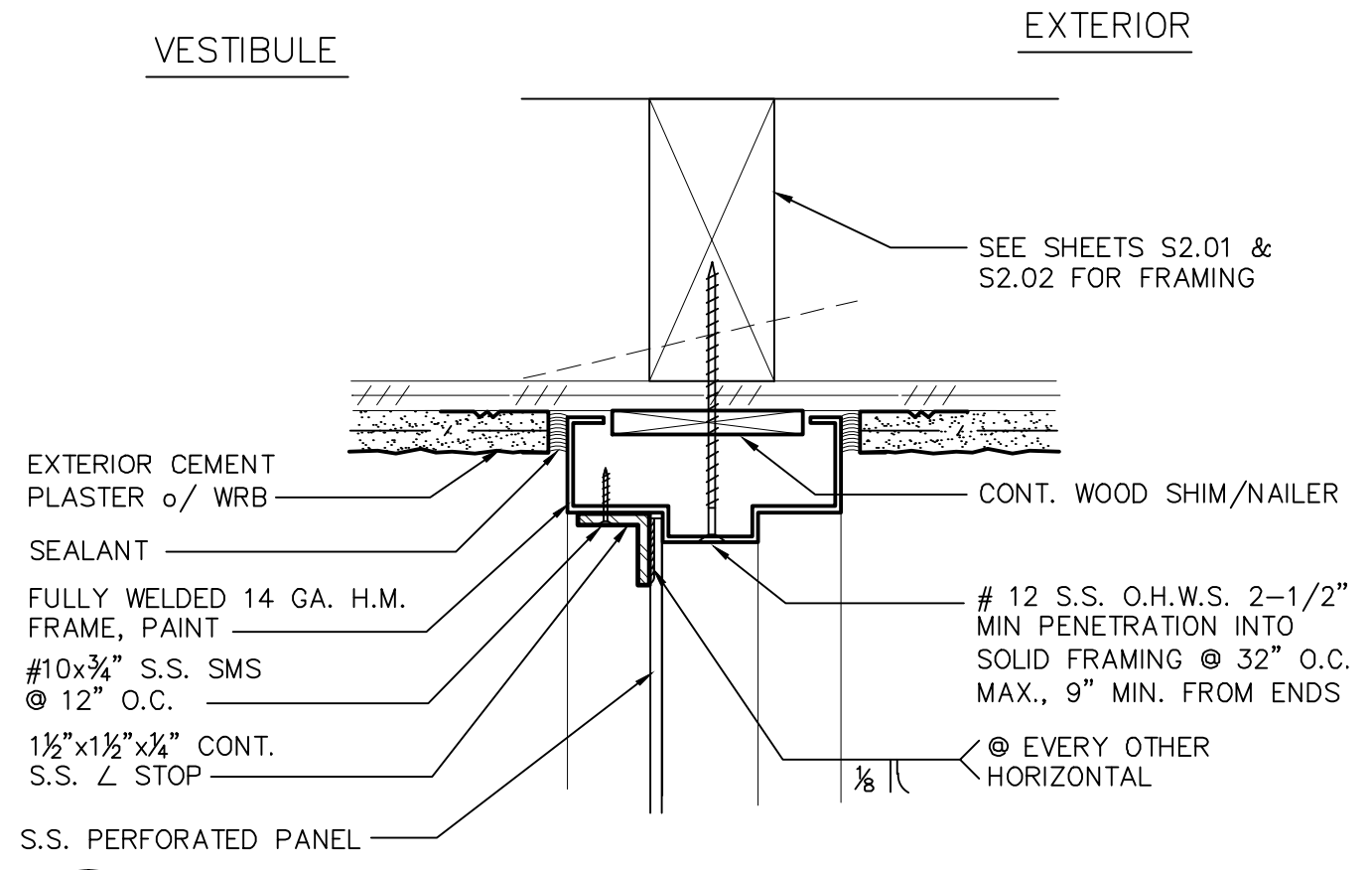
15 HOLLOW METAL WINDOW SILL @ EXTERIOR WALL
ADG101-01 SCALE: 3" = 1'-0"



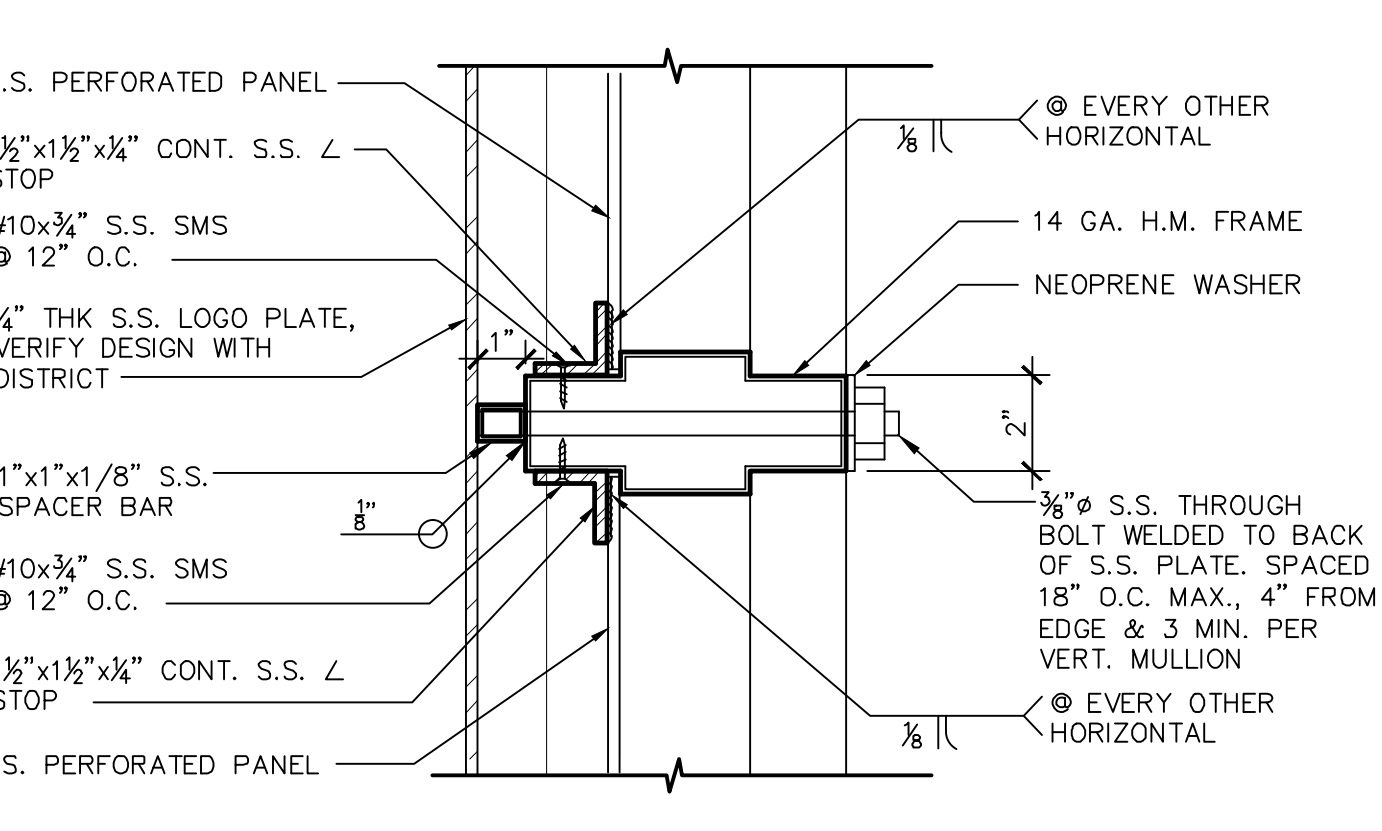
16 TYPICAL H.M. FRAME CONNECTION TO STEEL STUDS
ADG130-01 SCALE: N.T.S.



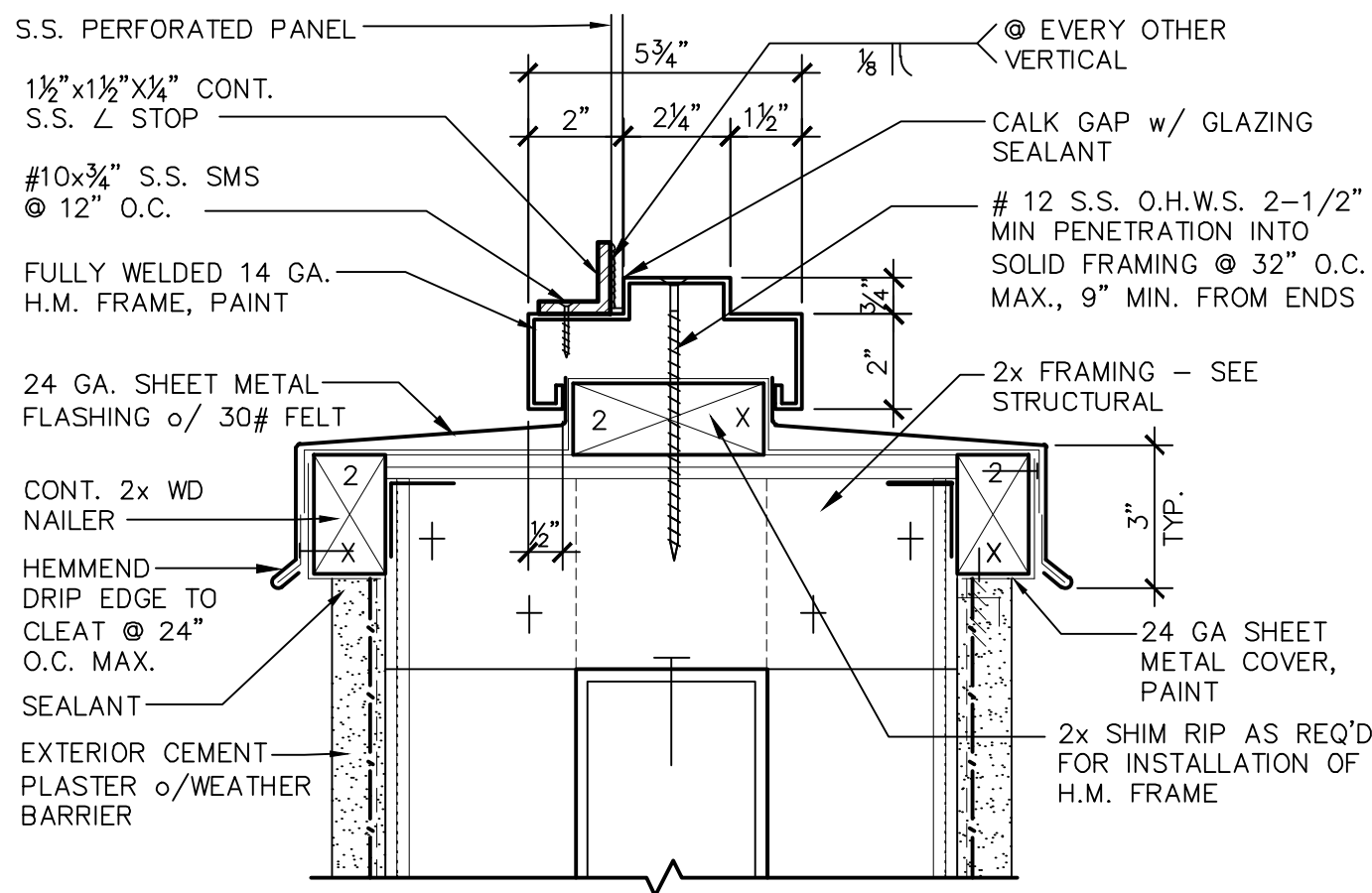
9 H.M. ARCHITECTURAL SCREEN HEAD
ADD141-09 SCALE: 3" = 1'-0"



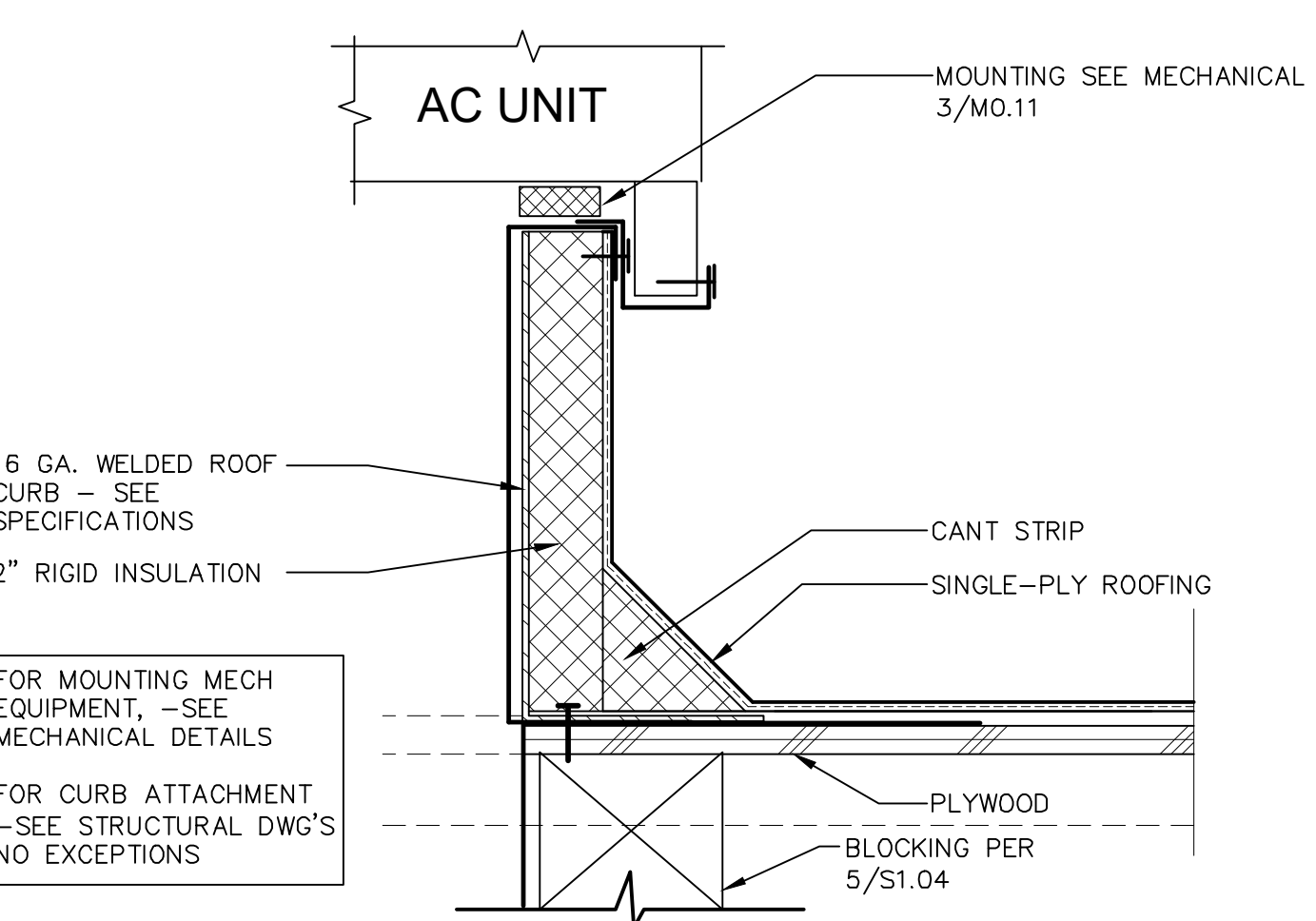
10 H.M. ARCHITECTURAL SCREEN JAMB
ADD141-08 SCALE: 3" = 1'-0"



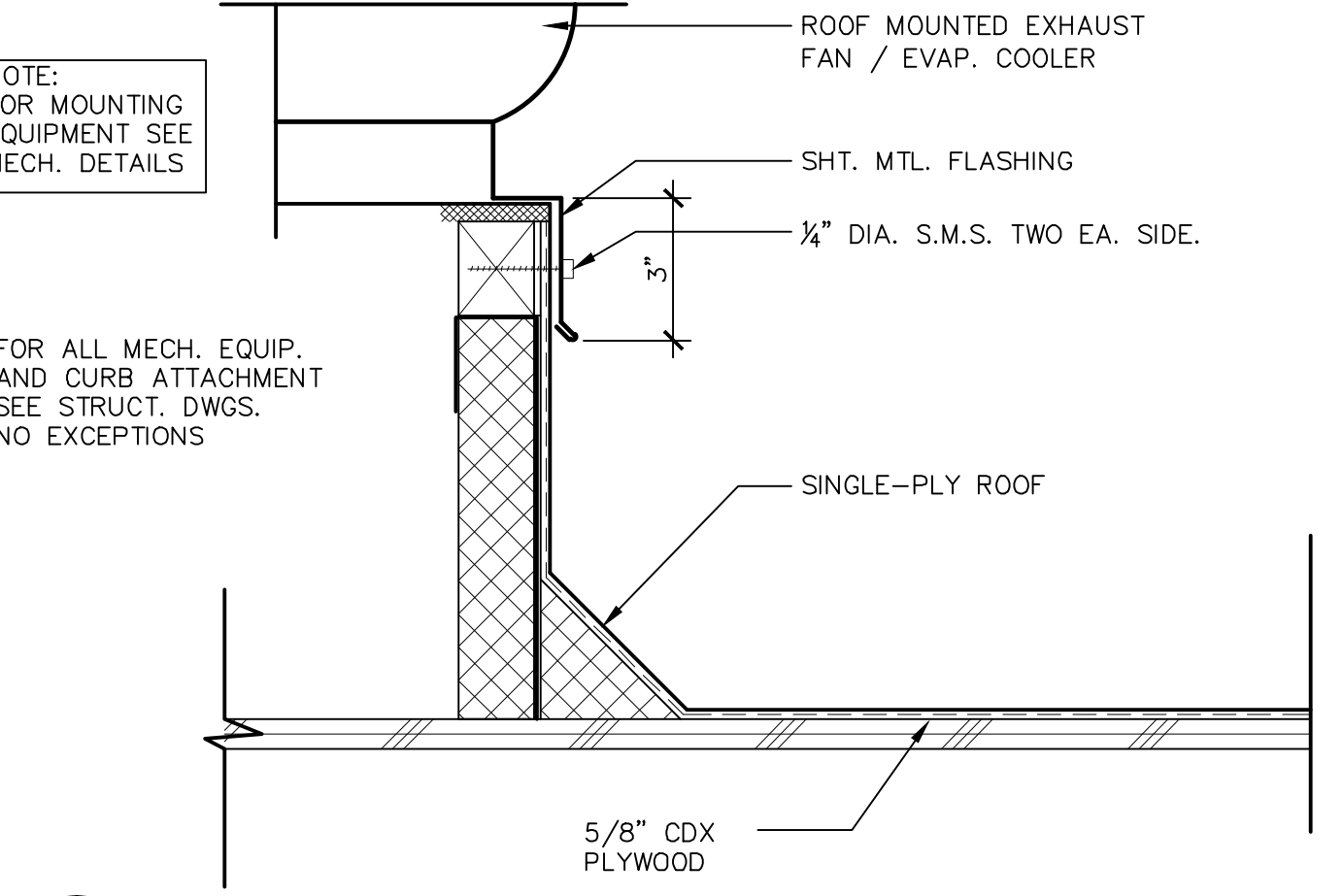
11 H.M. ARCHITECTURAL SCREEN MULLION
ADD141-10 SCALE: 3" = 1'-0"



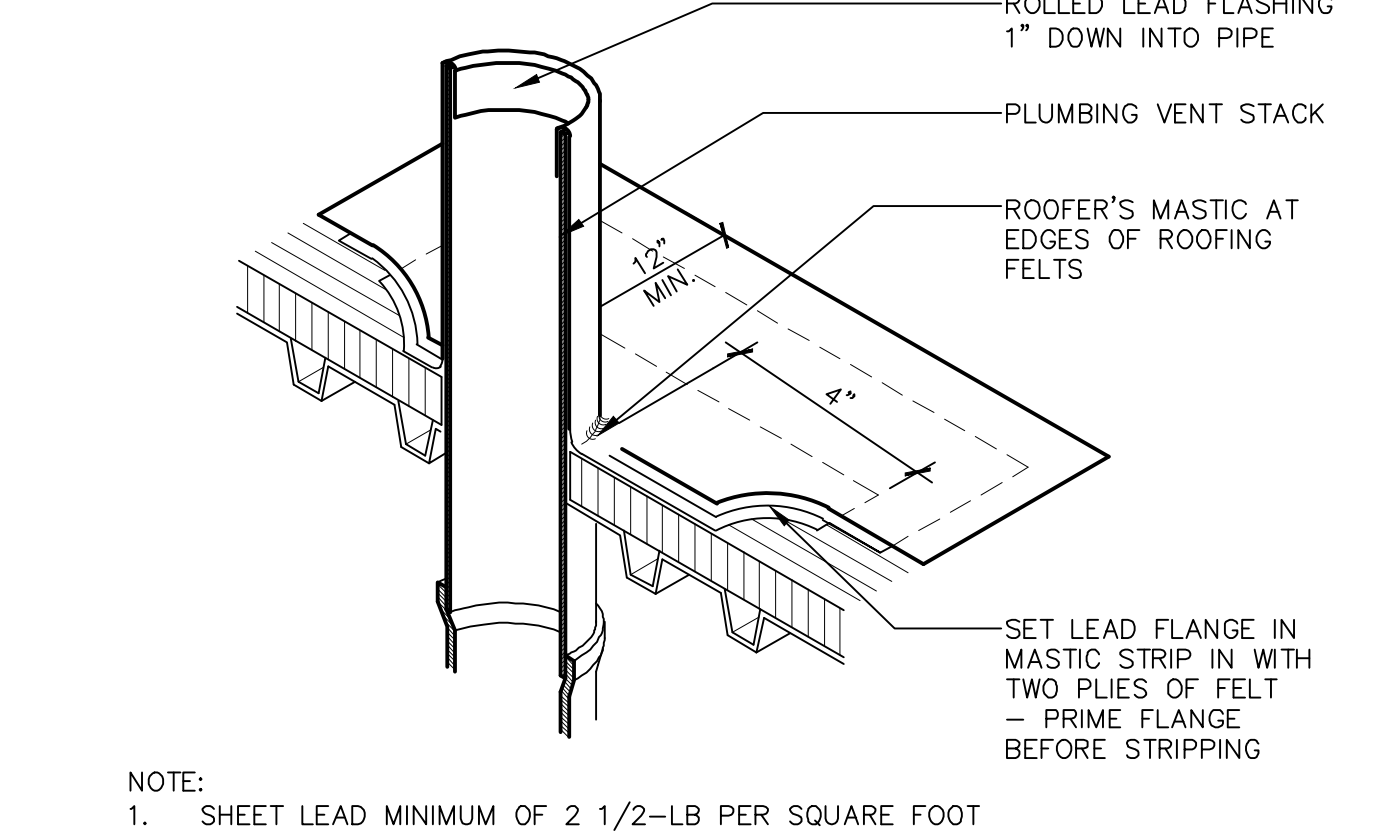
12 H.M. ARCHITECTURAL SCREEN SILL
ADD141-05 SCALE: 3" = 1'-0"



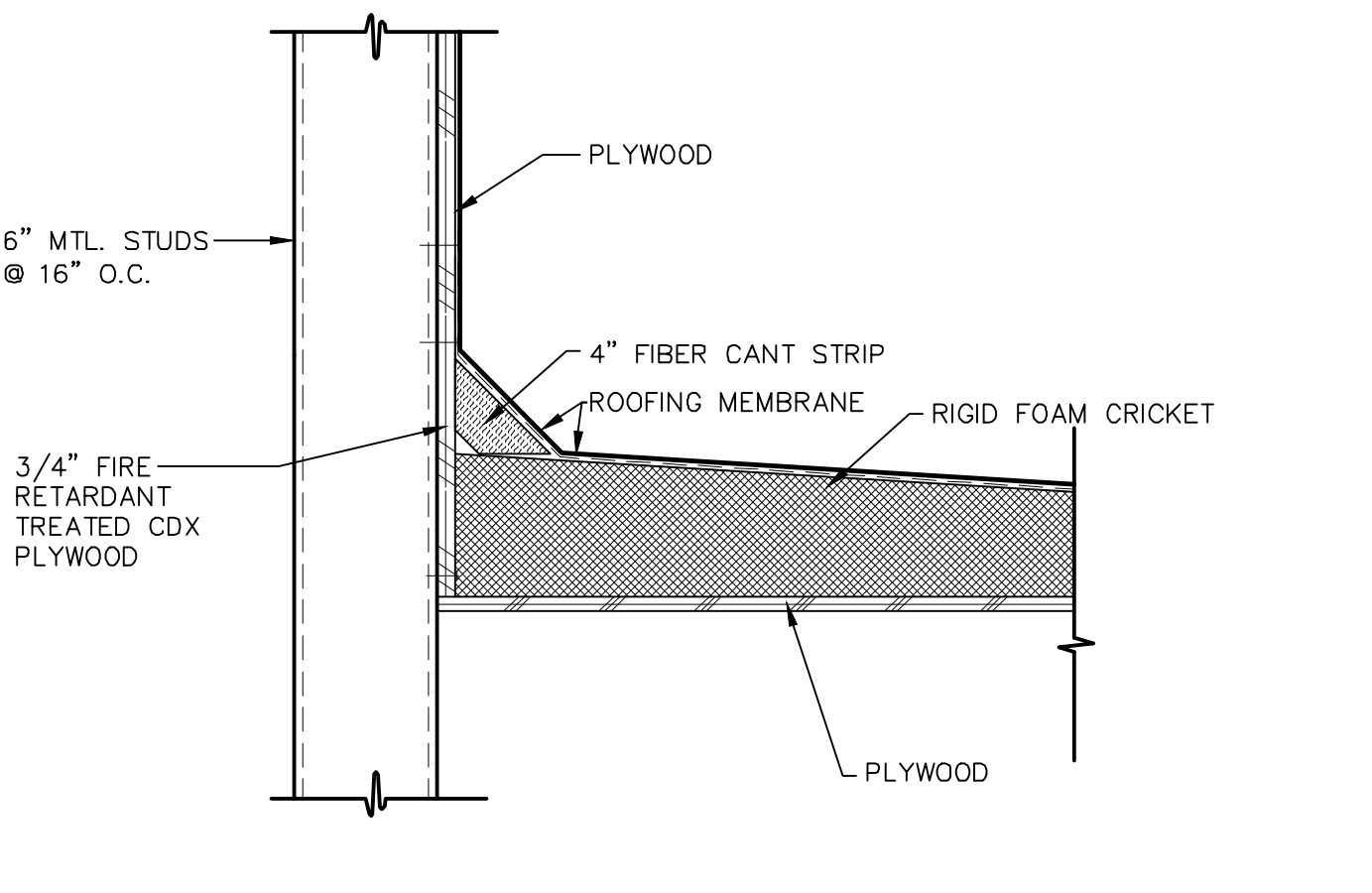
5 A/C CURB
ADR200-20 SCALE: 3" = 1'-0"



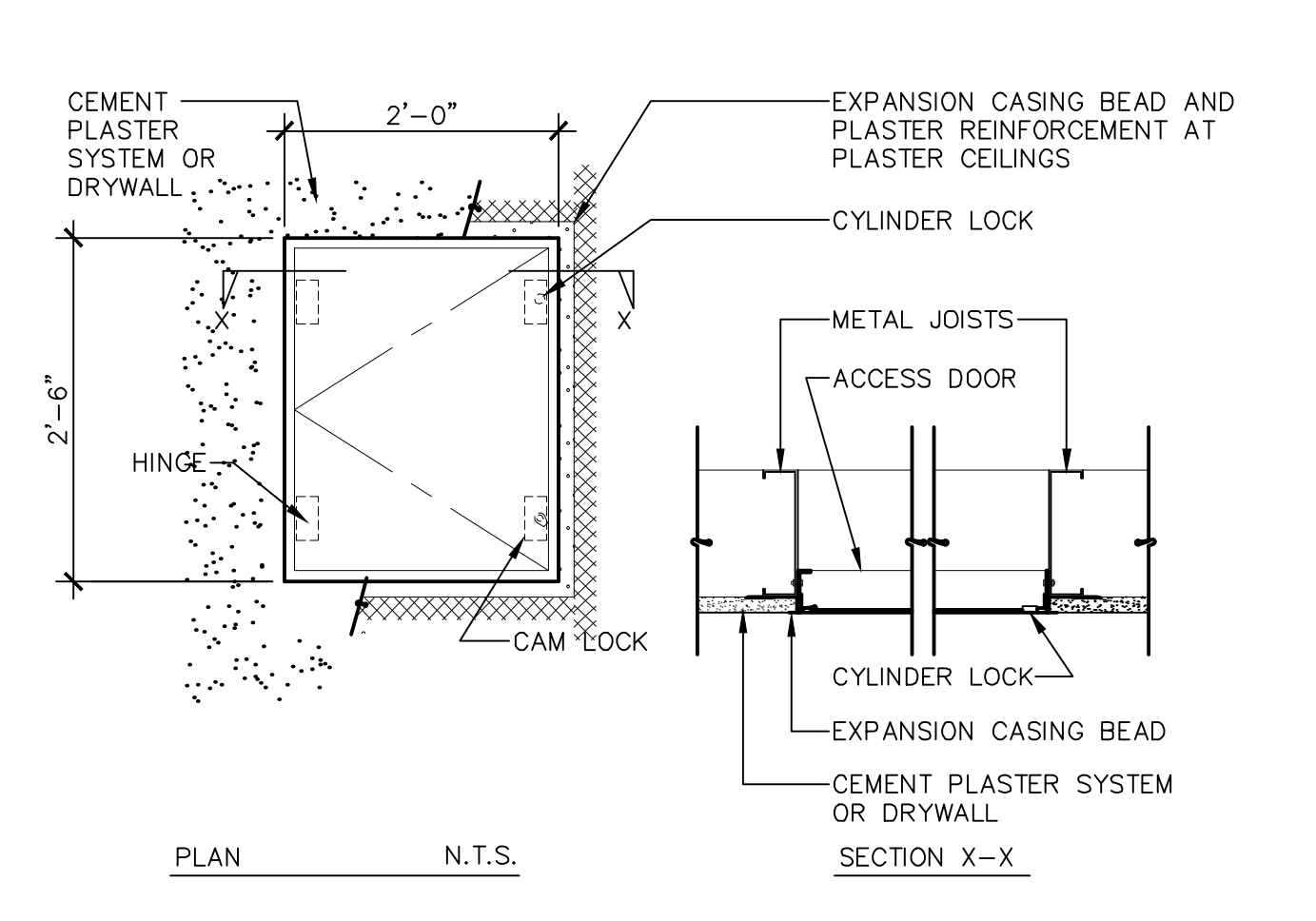
6 EXHAUST FAN
ADR100-02 SCALE: 3" = 1'-0"



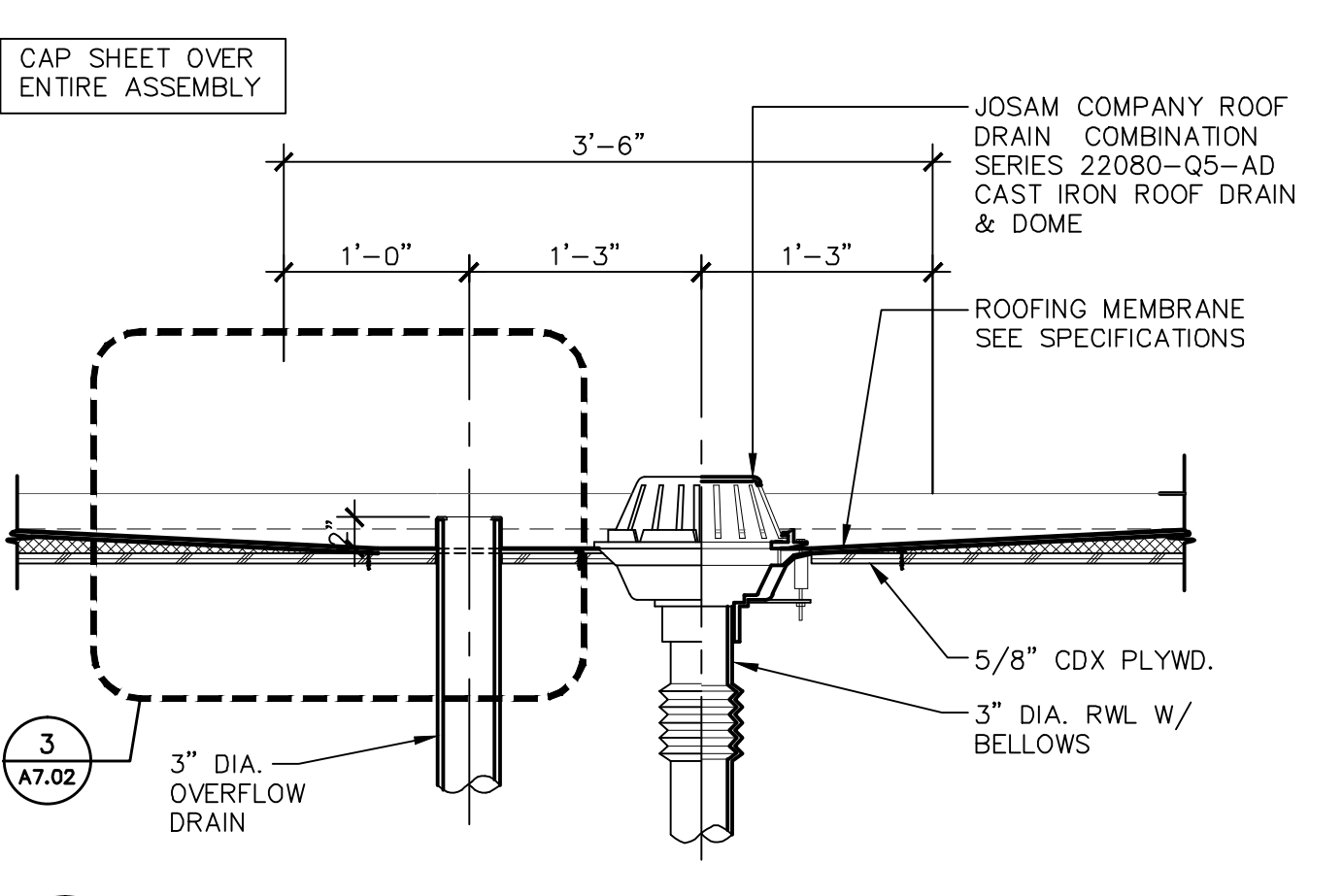
7 PLUMBING VENT FLASHING
ADR100-05 SCALE: 3" = 1'-0"



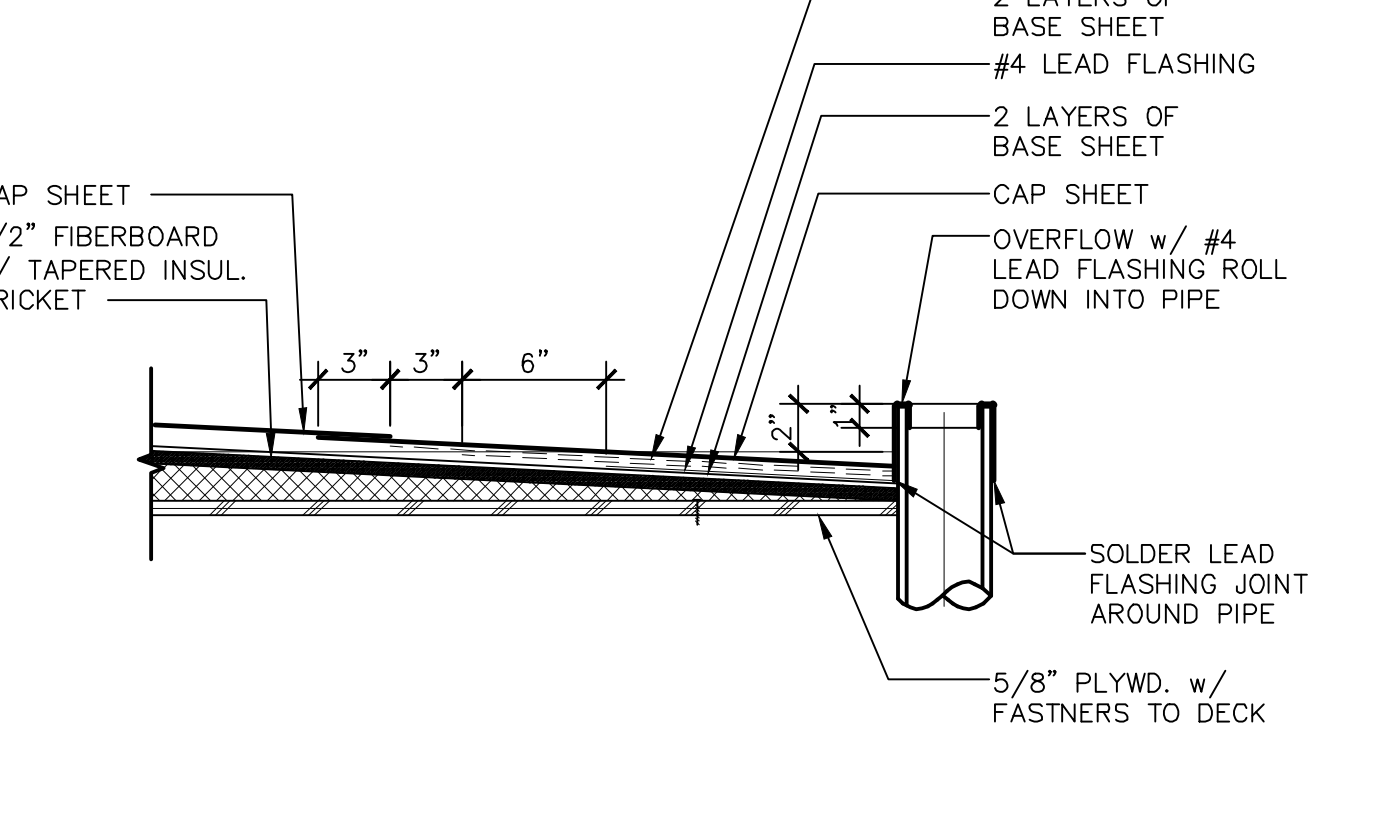
8 CANT AND CRICKET
ADR133-02 SCALE: 1 1/2" = 1'-0"



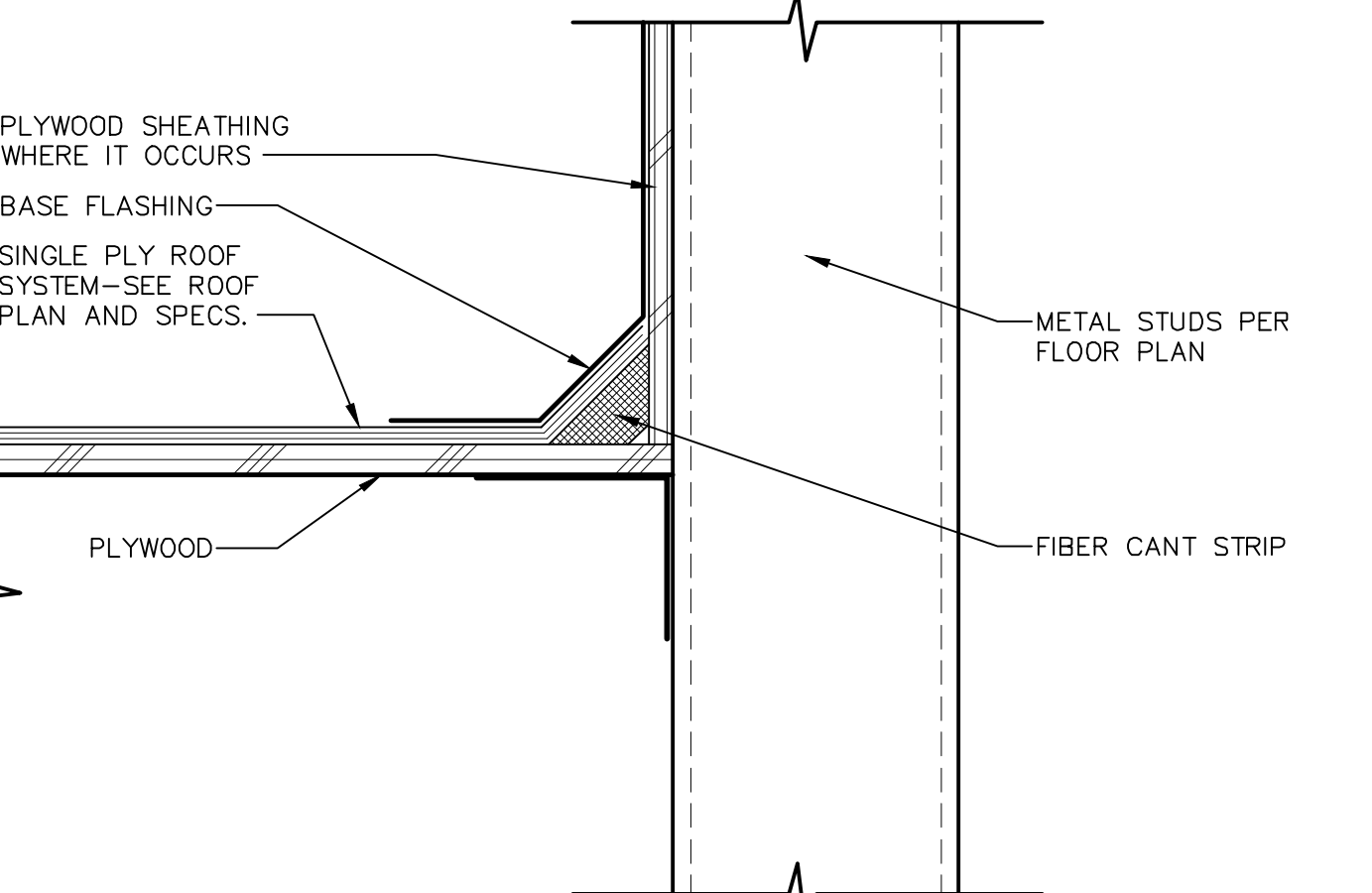
1 FLUSH METAL ACCESS DOOR AT CEILING
ADC030-01 SCALE: 3/4" = 1'-0"



2 ROOF DRAIN
ADR100-02 SCALE: 1" = 1'-0"



3 ROOF SUMP
ADR130-02 SCALE: 1 1/2" = 1'-0"



4 ROOF TO WALL FLASHING
ADR120-02 SCALE: 3" = 1'-0"

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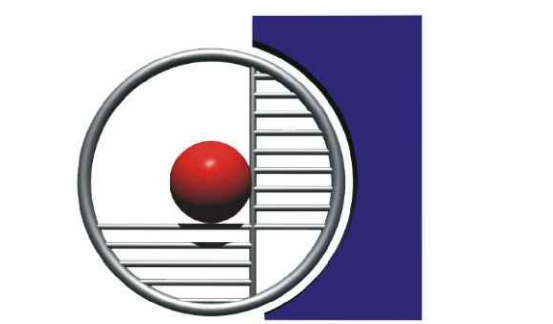


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Project Address:
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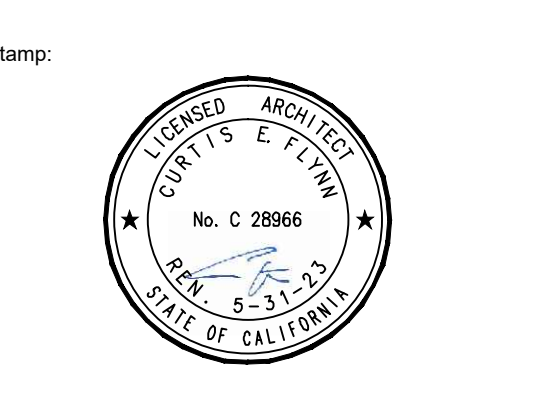
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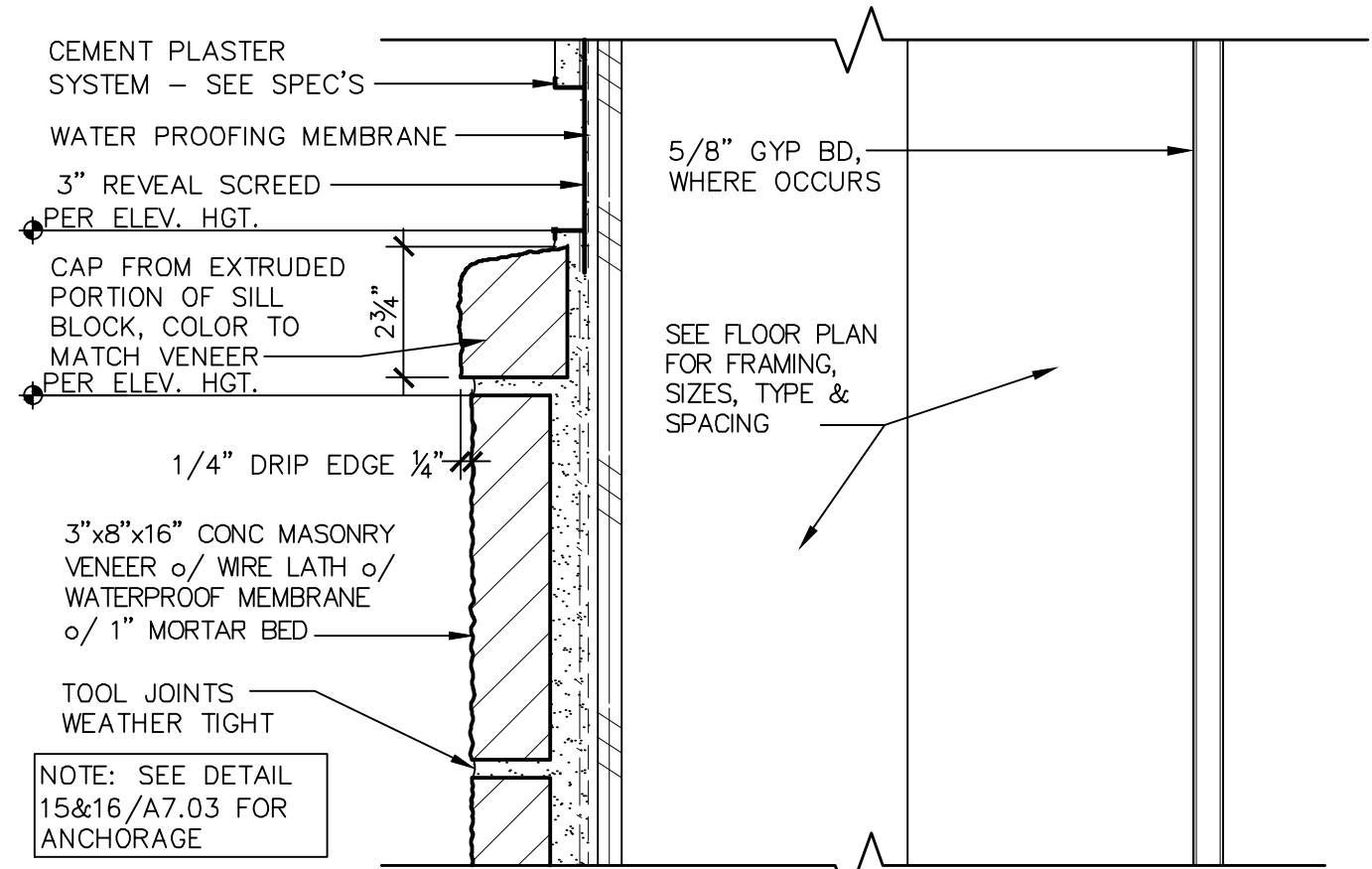
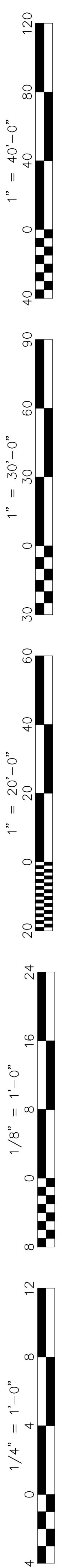
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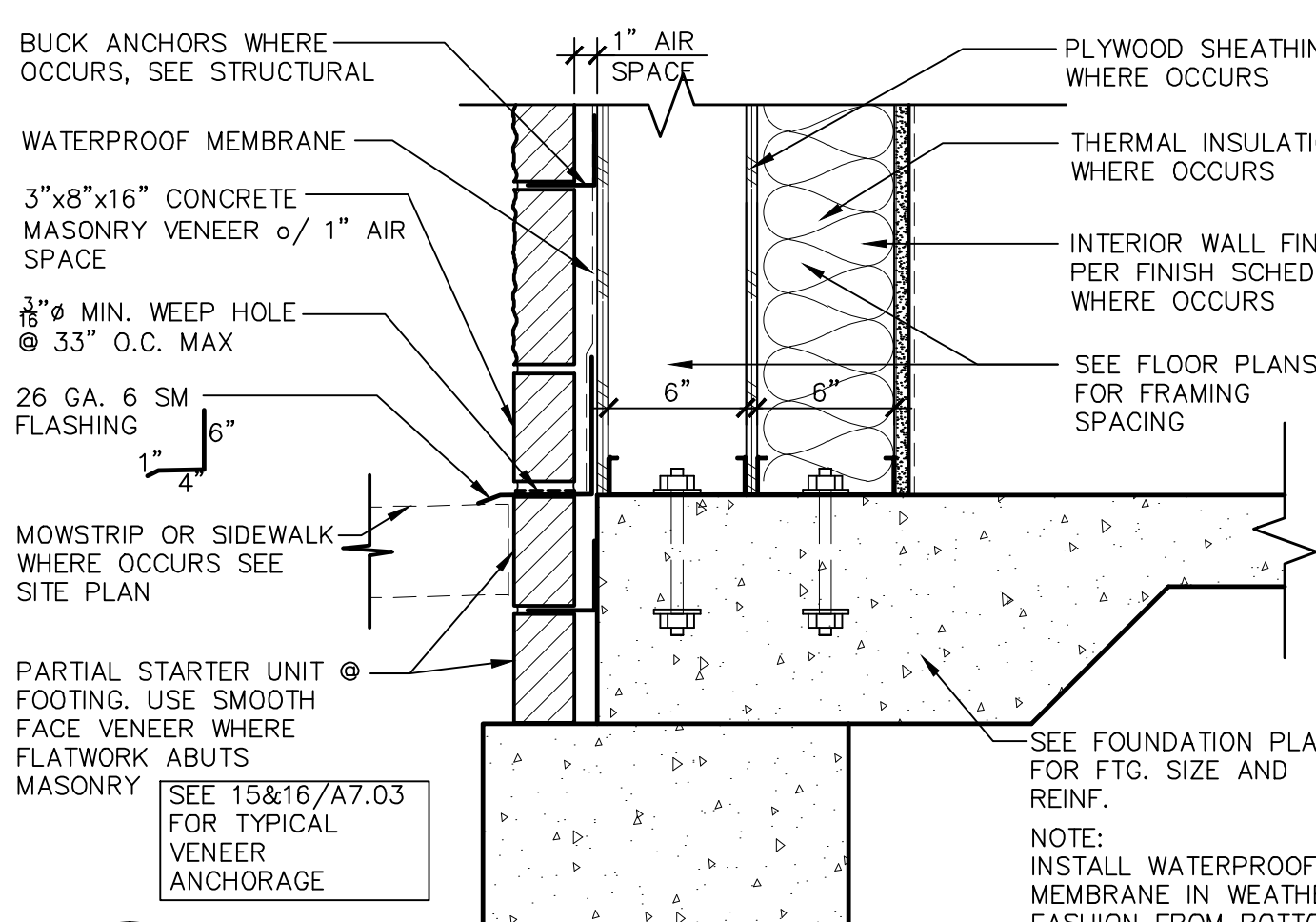
Sheet Title:
EXTERIOR DETAILS

Job No.:
5527

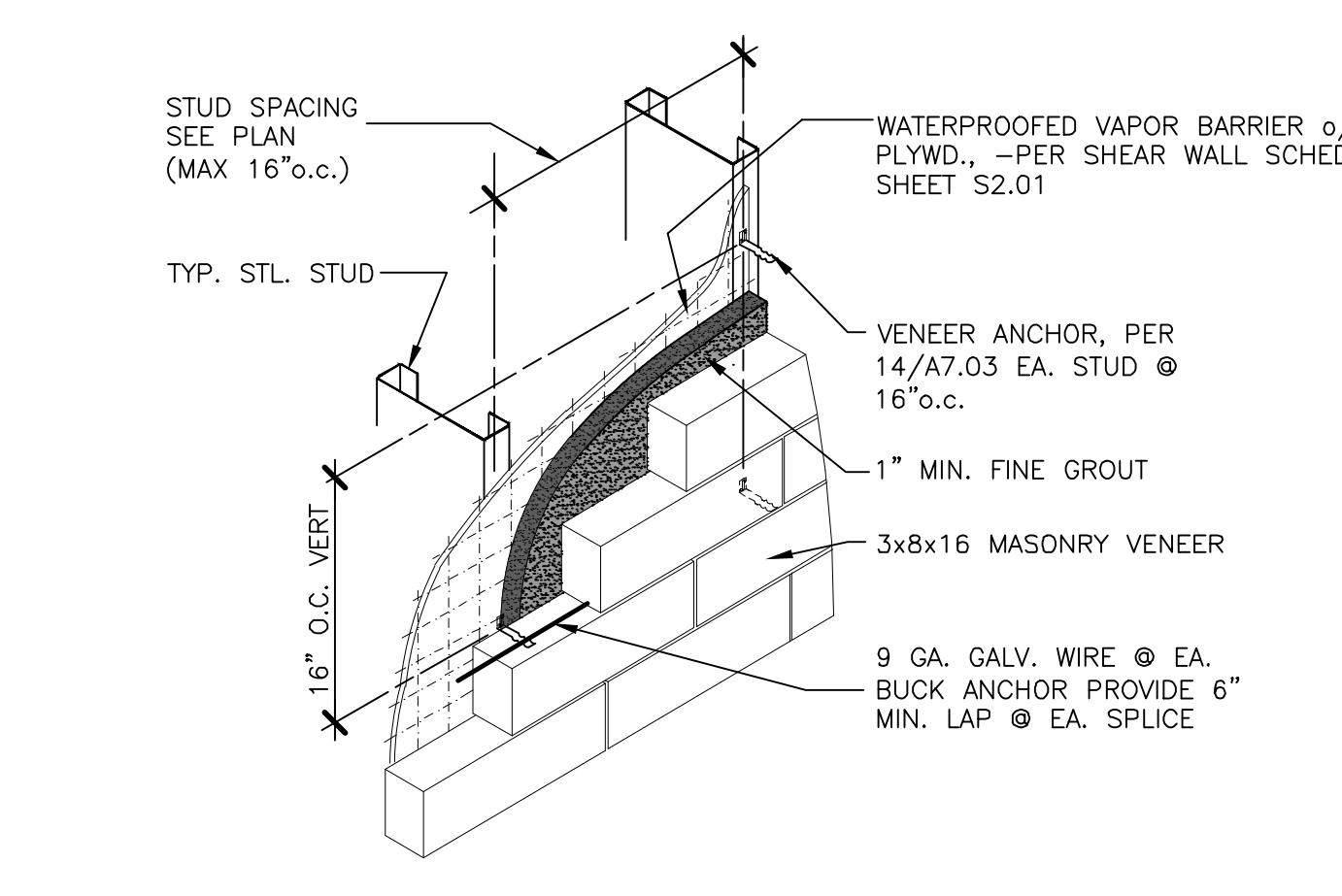
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A7.02



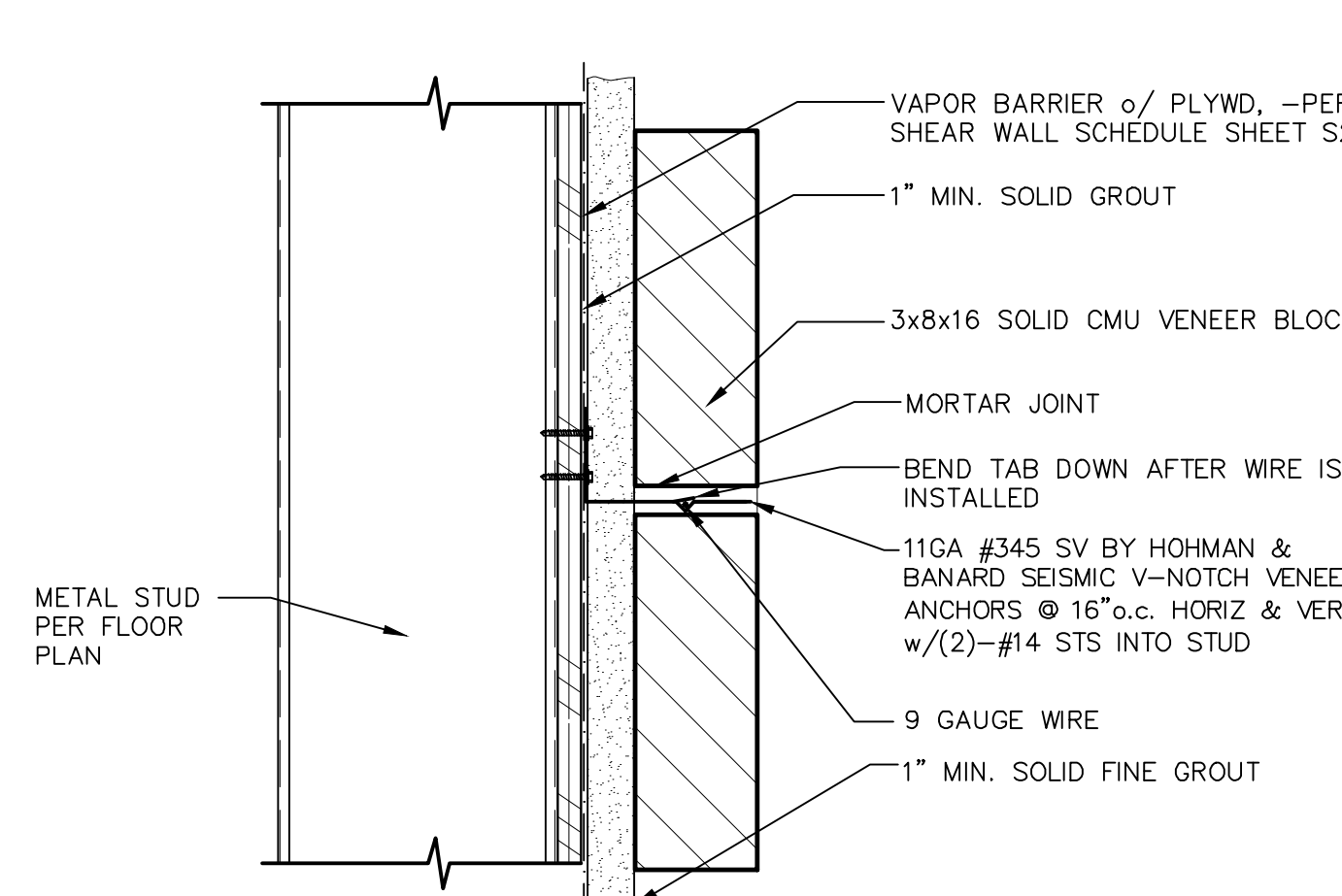
13 CMU VENEER
A7.03 ADW142-03 SCALE: 3" = 1'-0"



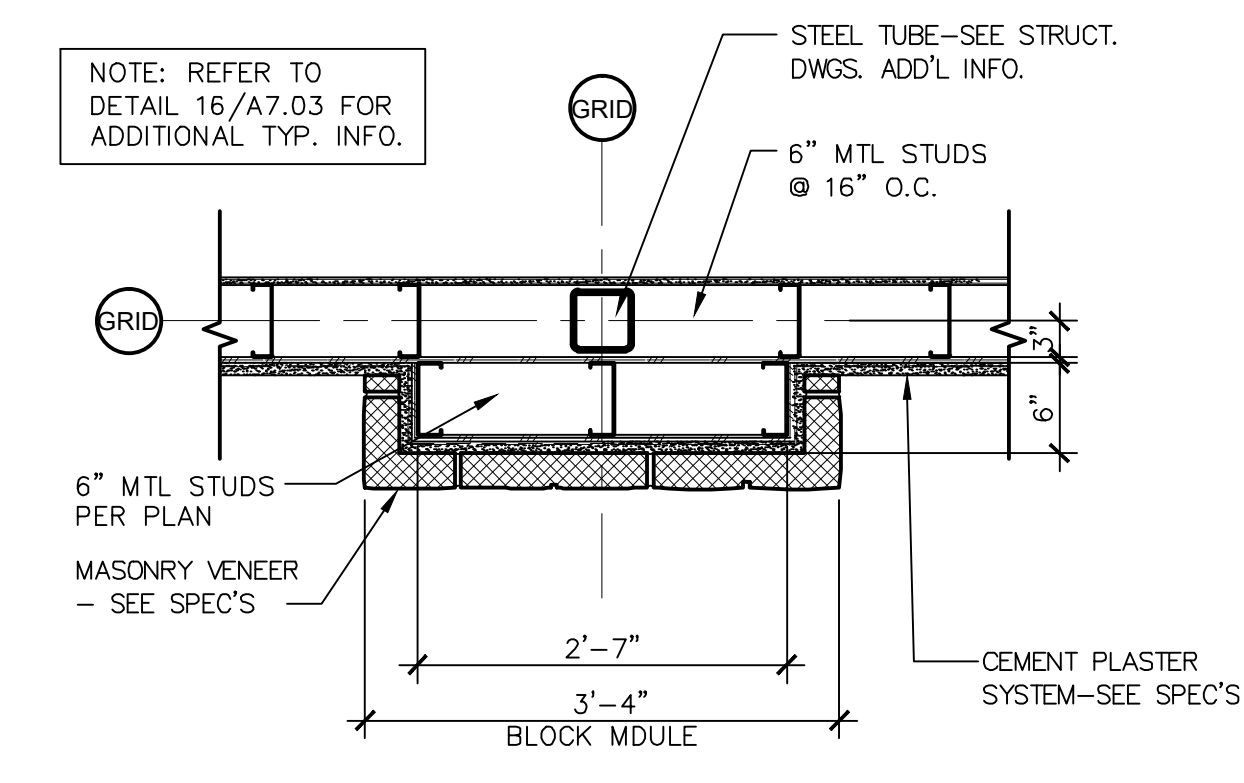
14 CMU VENEER @ BASE
A7.03 ADW142-02 SCALE: 1 1/2" = 1'-0"



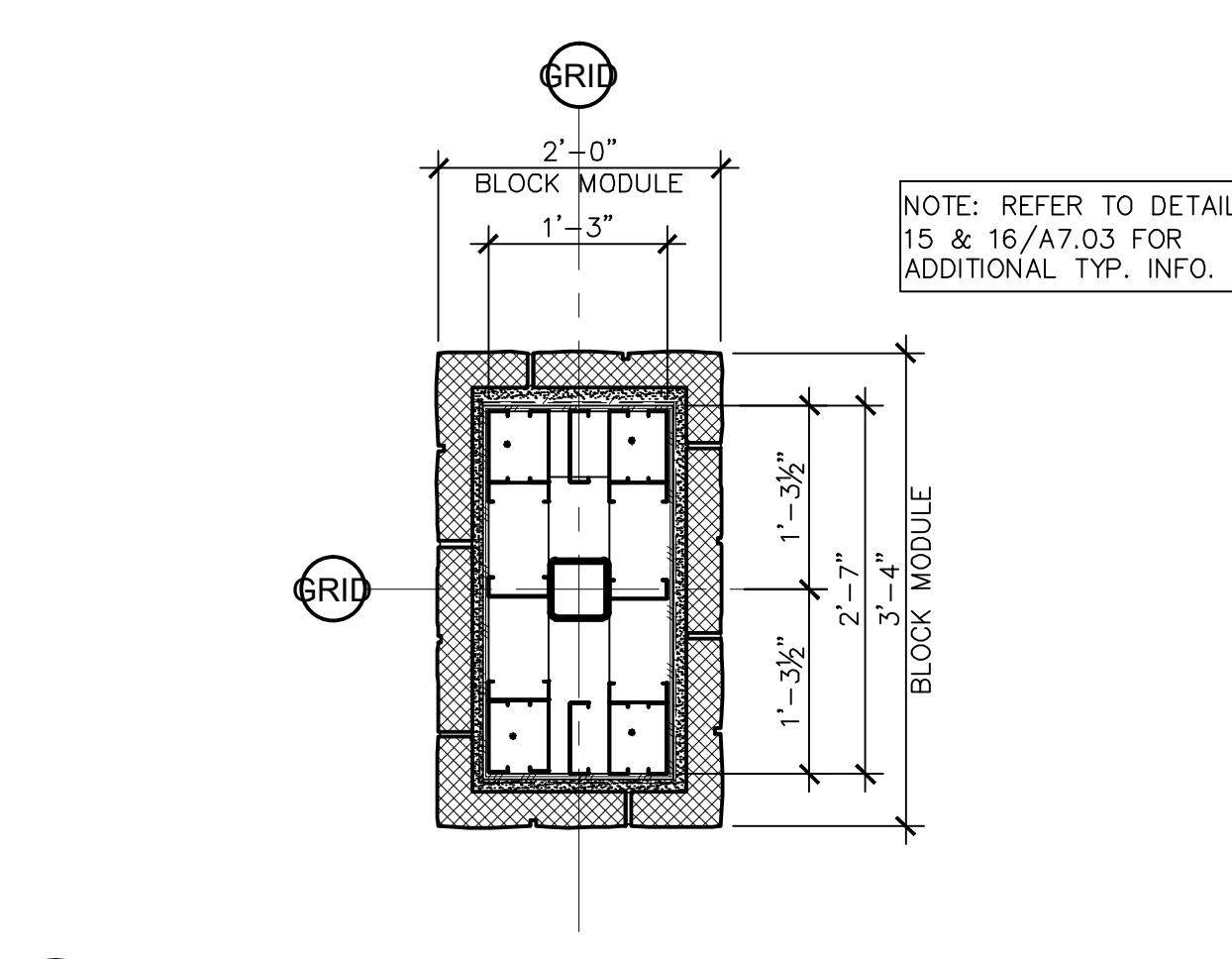
15 VENEER ANCHORAGE @ STEEL STUD
A7.03 ADW132-03



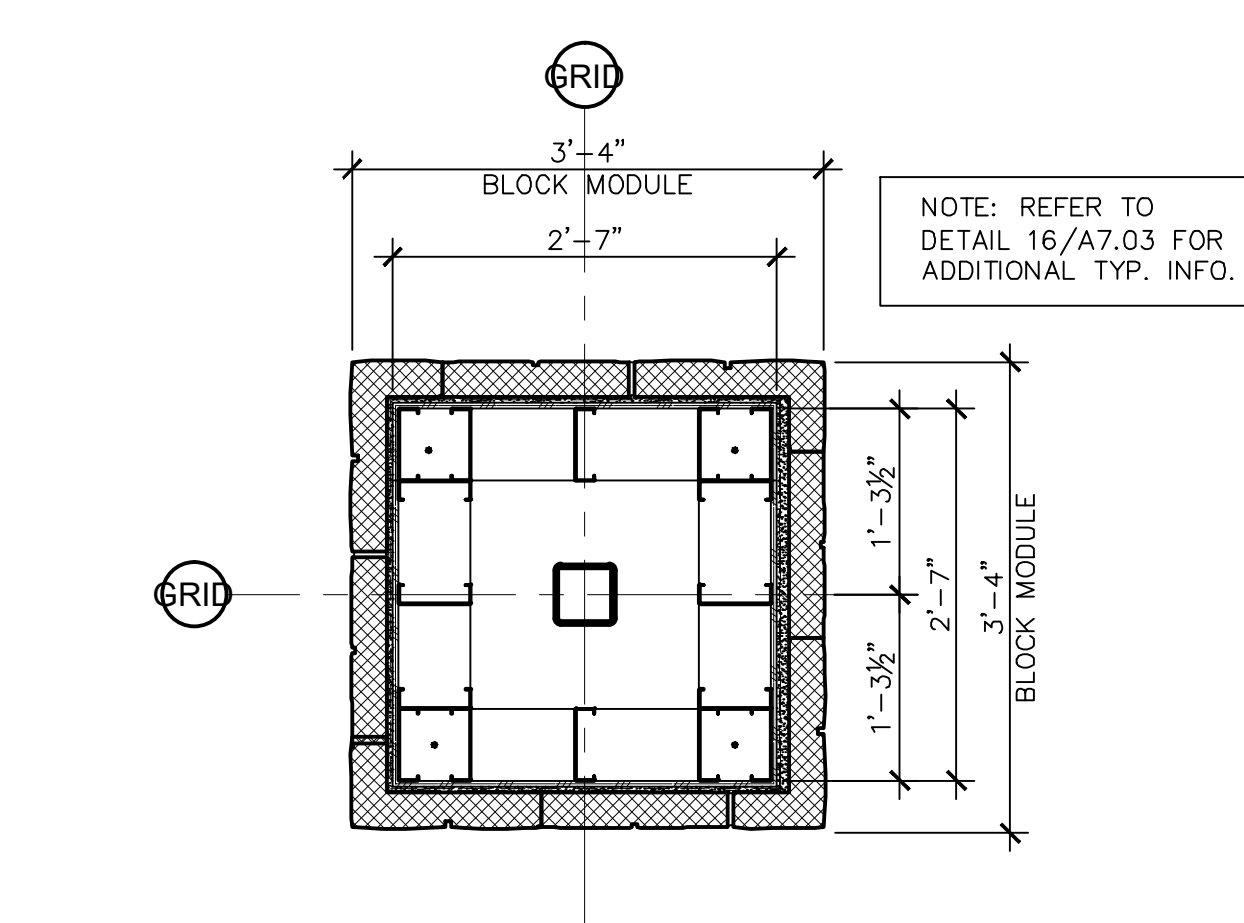
16 VENEER ANCHOR
A7.03 ADW132-02 SCALE: 3" = 1'-0"



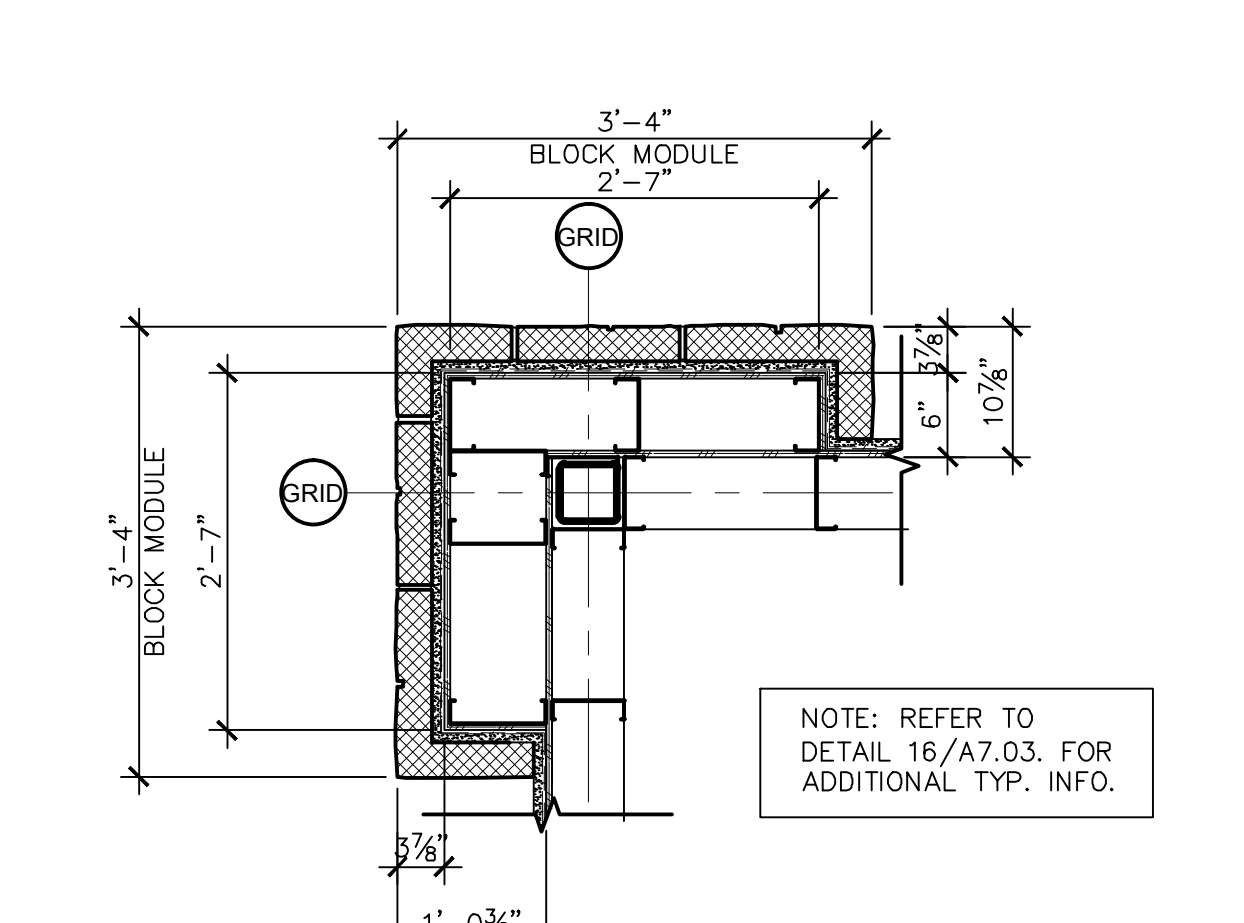
9 PILASTER COLUMN DETAIL
A7.03 ADW132-09 SCALE: 3/4" = 1'-0"



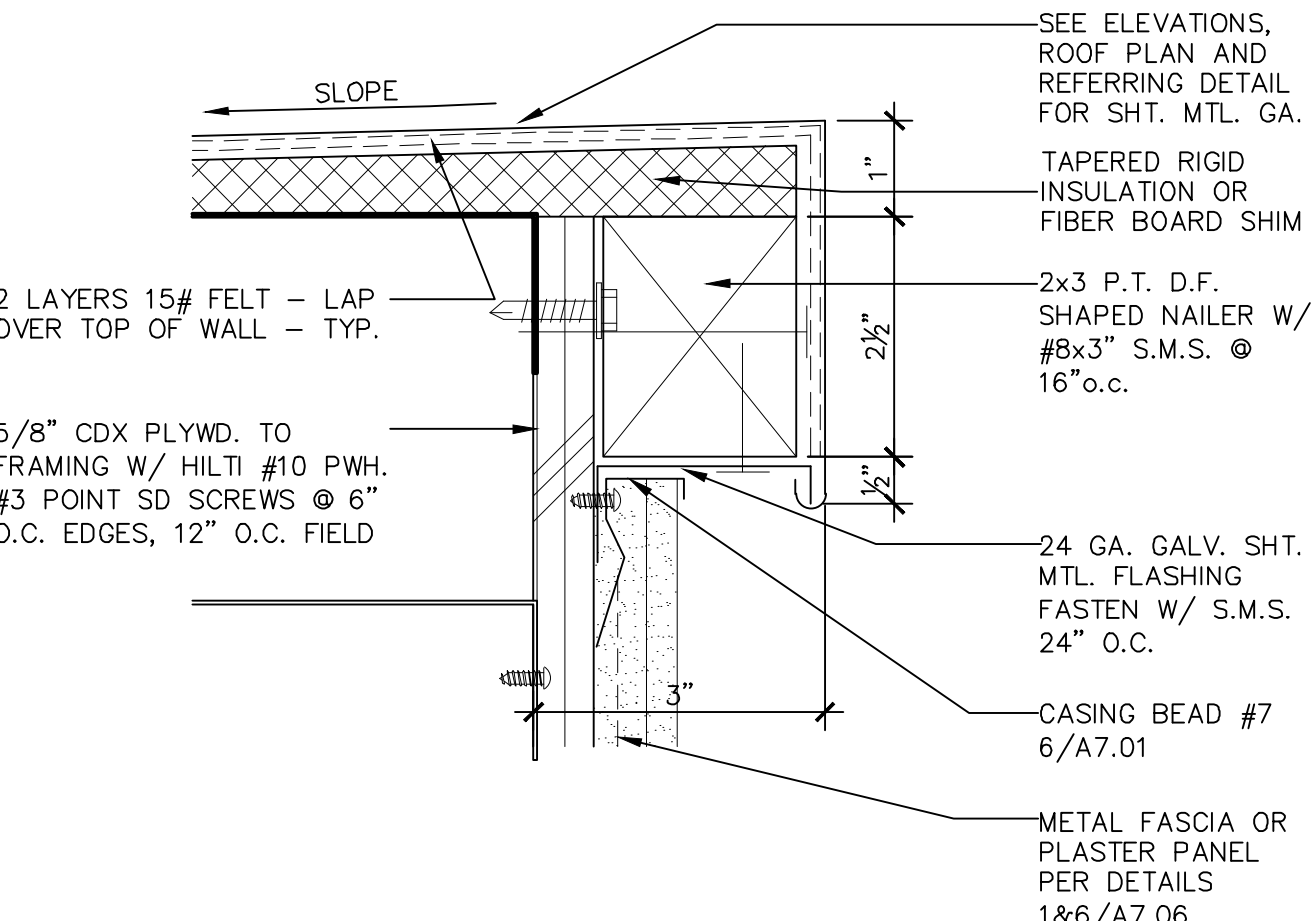
10 COLUMN DETAIL
A7.03 ADW132-05 SCALE: 3/4" = 1'-0"



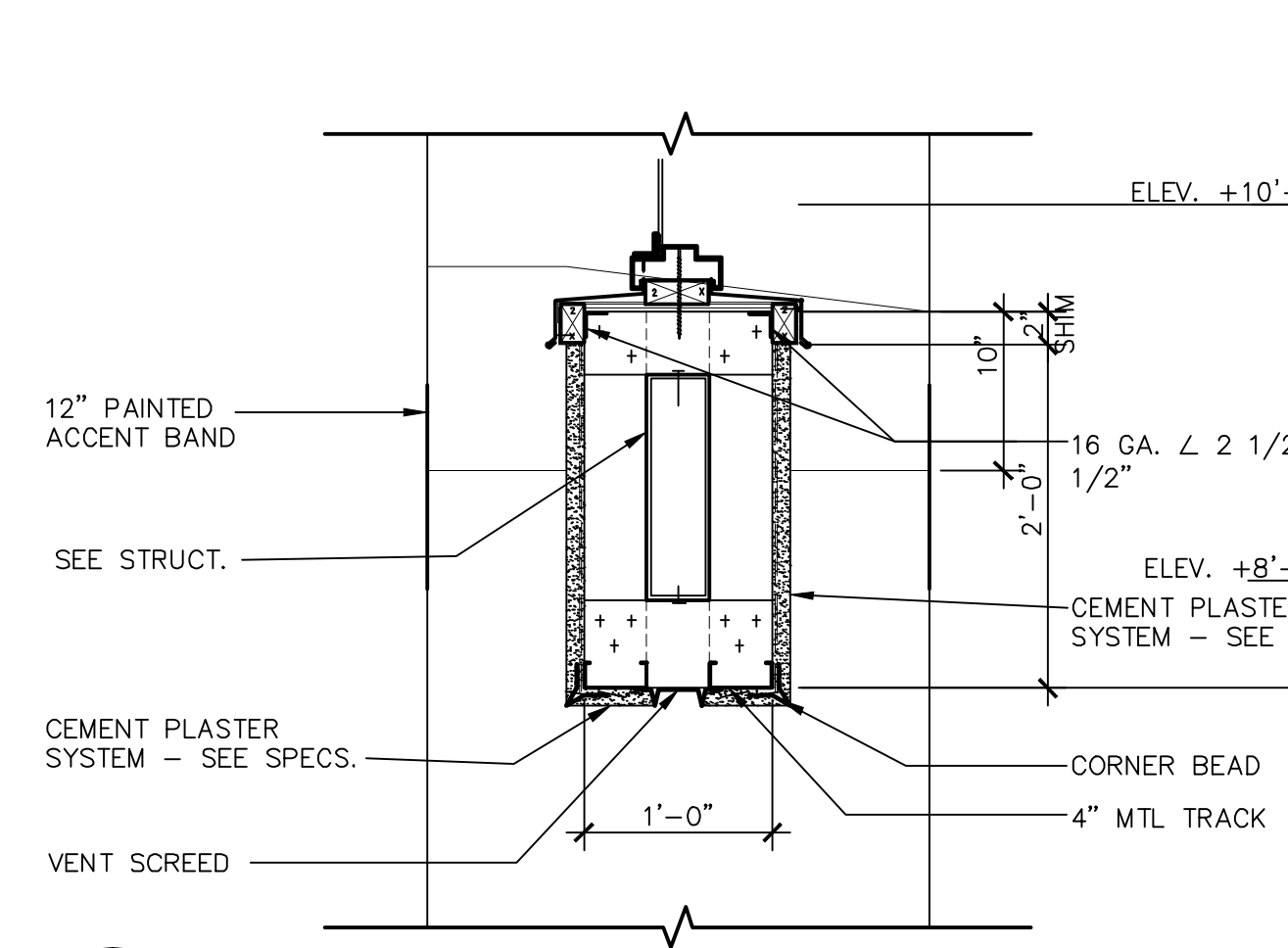
11 PILASTER COLUMN DETAIL
A7.03 ADW132-04 SCALE: 3/4" = 1'-0"



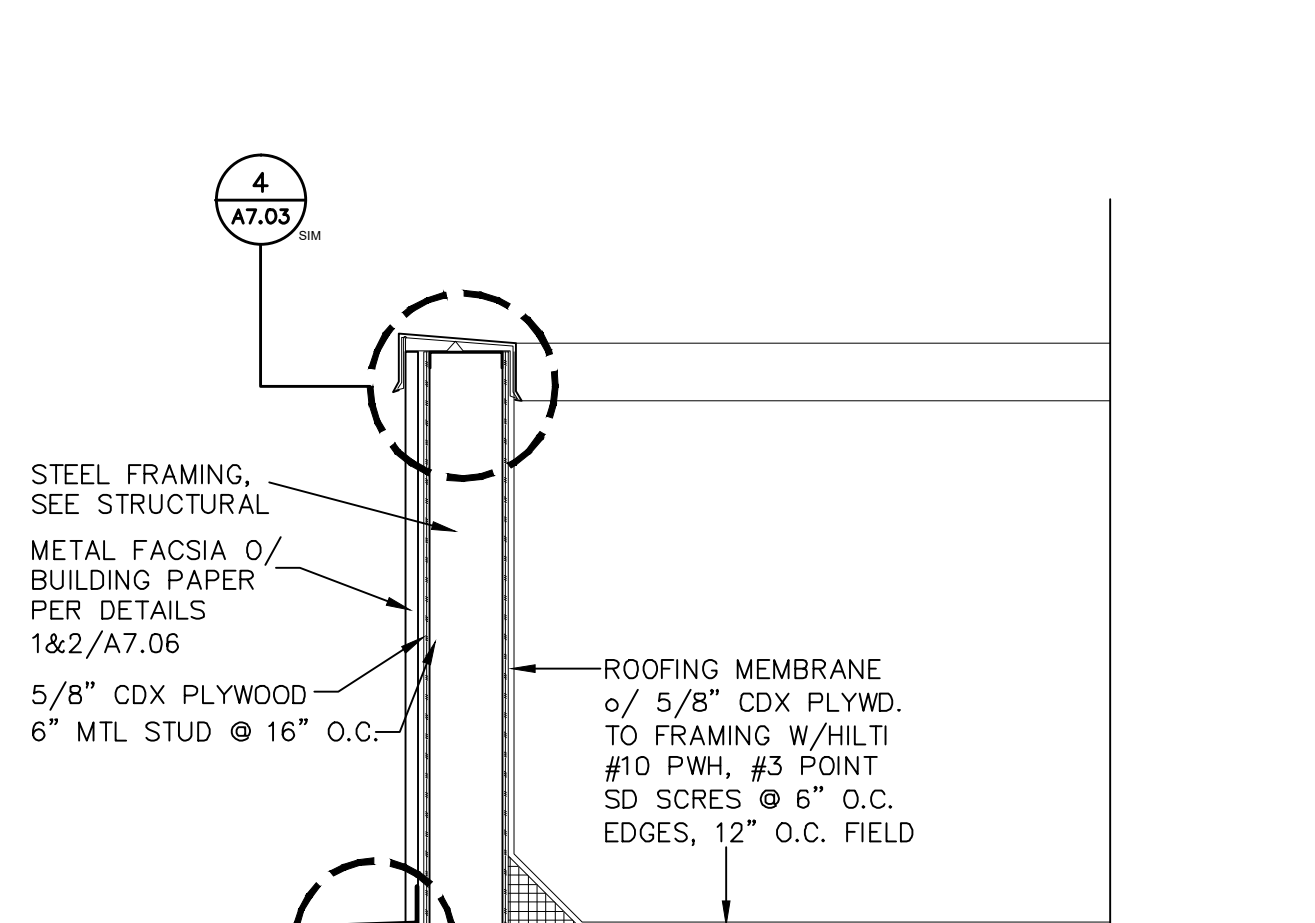
12 PILASTER COLUMN DETAIL
A7.03 ADW132-06 SCALE: 3/4" = 1'-0"



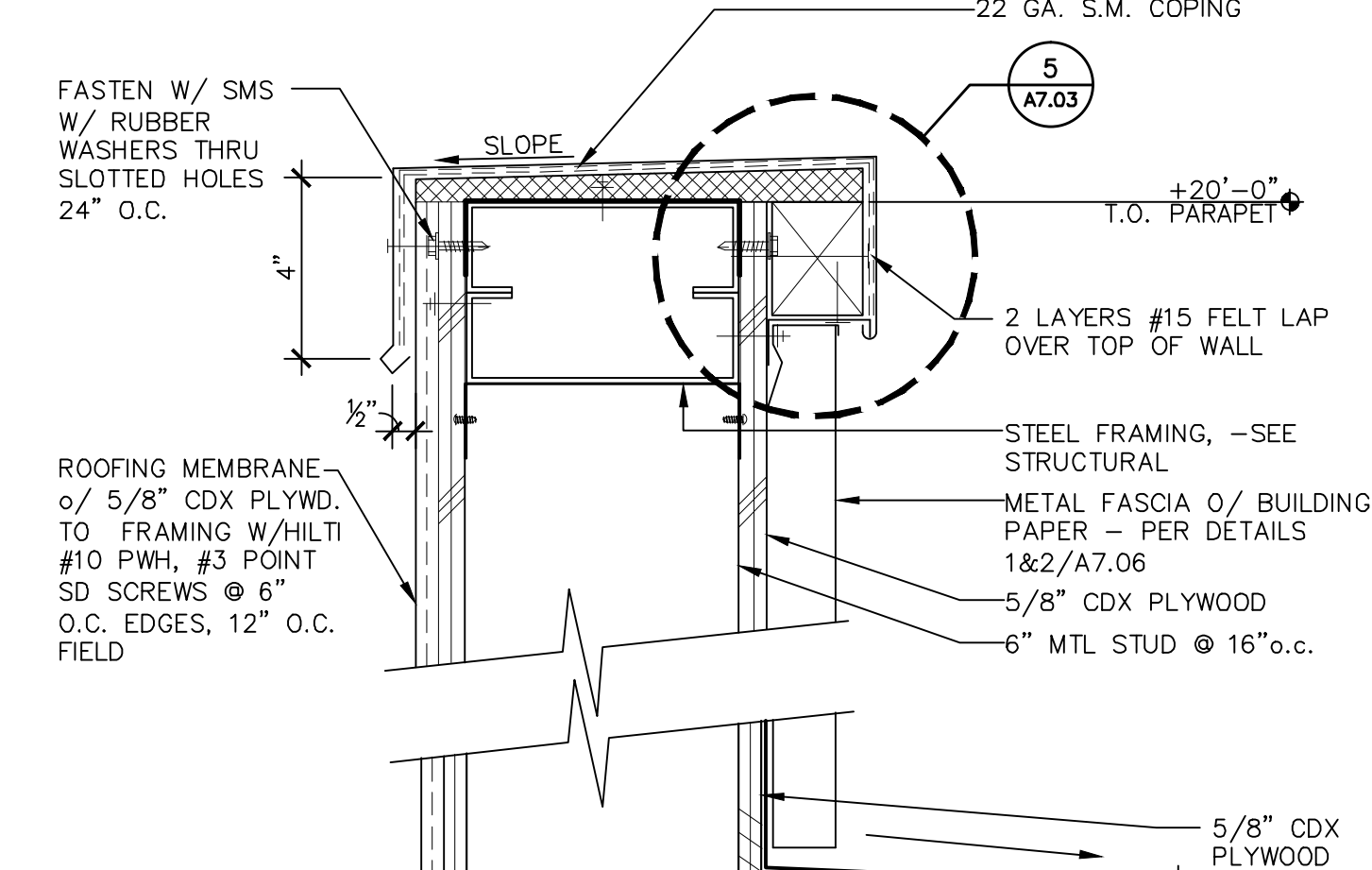
5 COPING CAP FLASHING
A7.03 ADW131-13 SCALE: N.T.S.



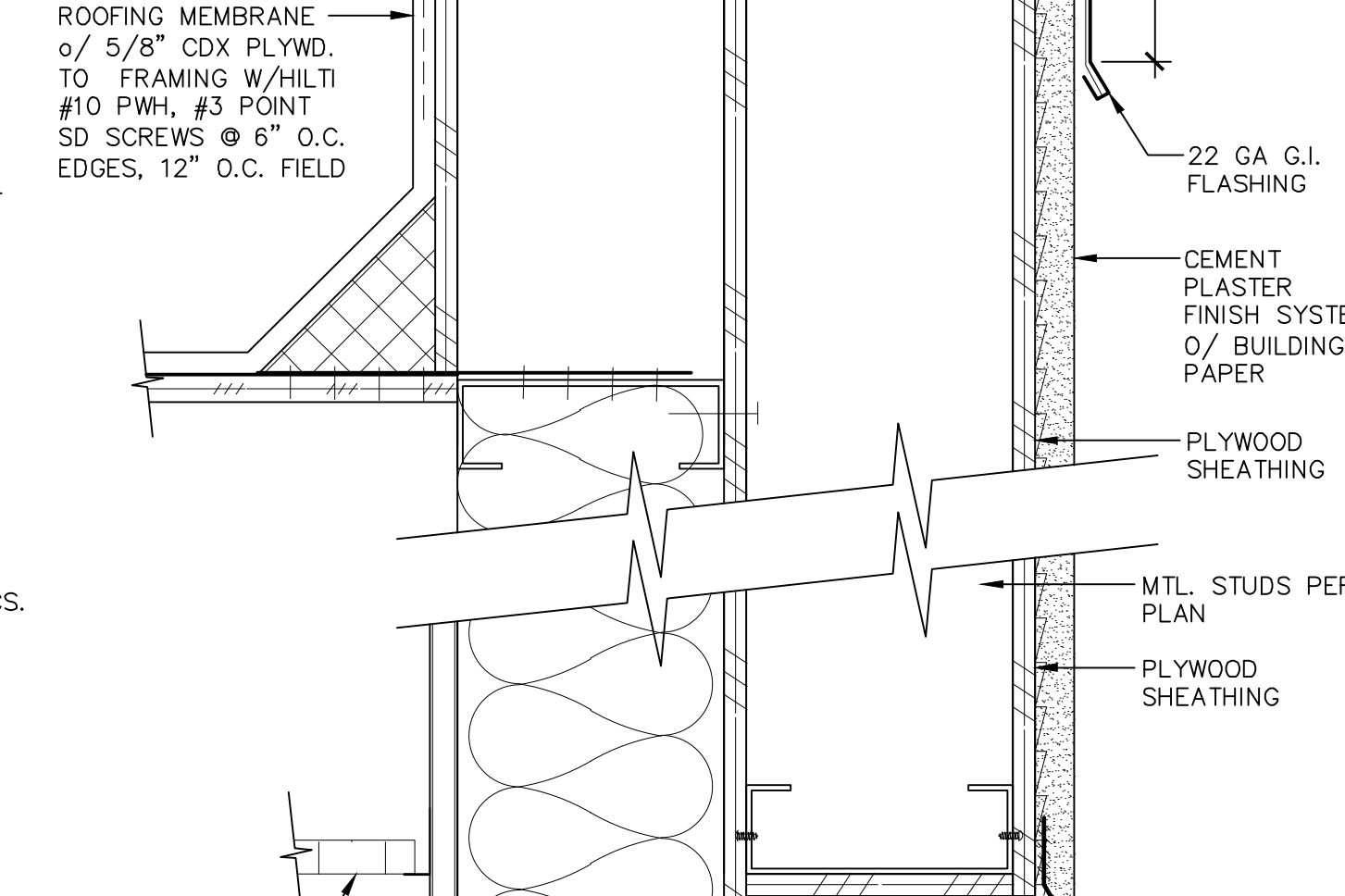
6 BOX BEAM DETAIL
A7.03 ADW131-14 SCALE: 1" = 1'-0"



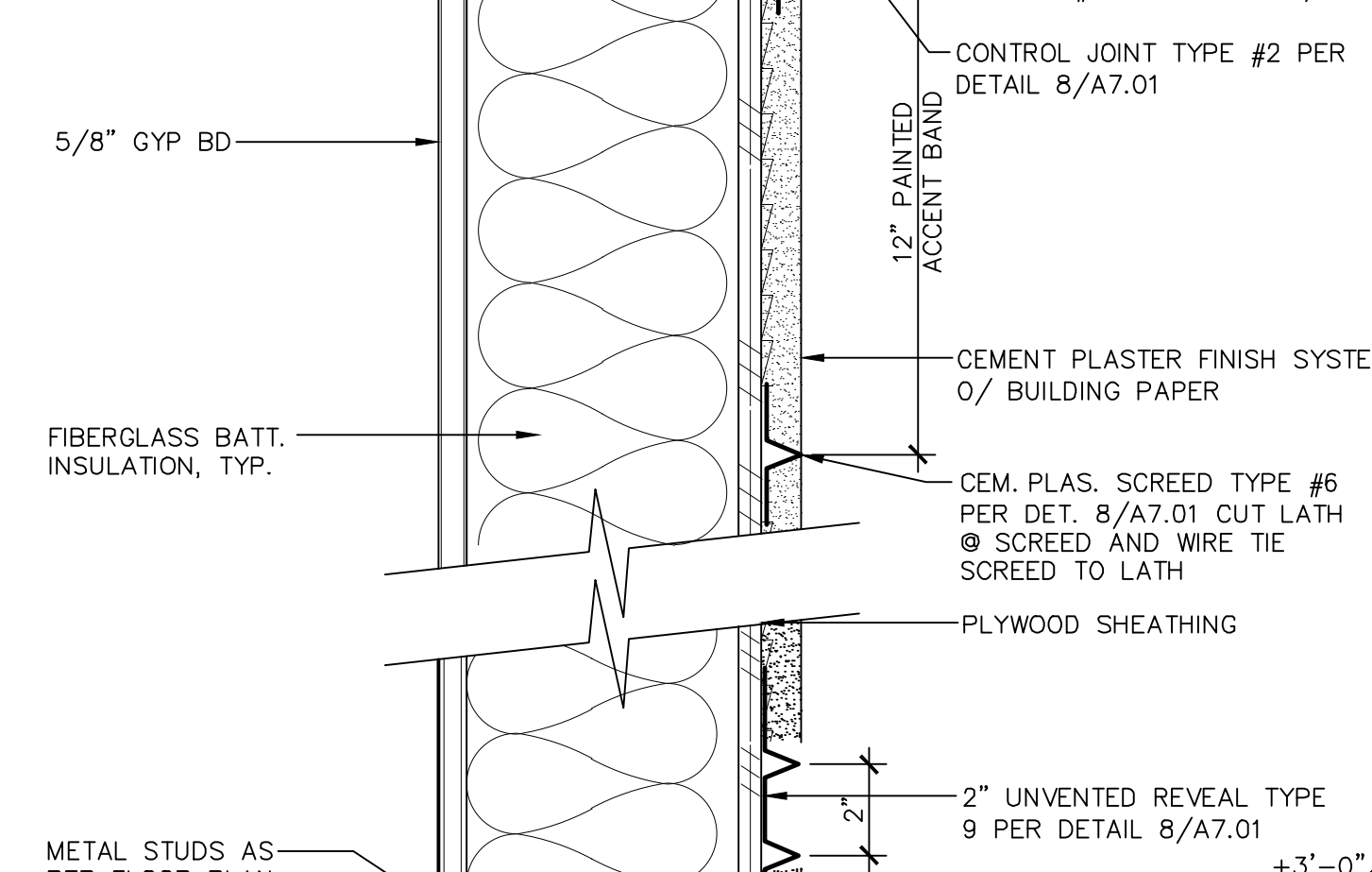
8 PARAPET FRAMING
A7.03 ADR131-04 SCALE: 3/4" = 1'-0"



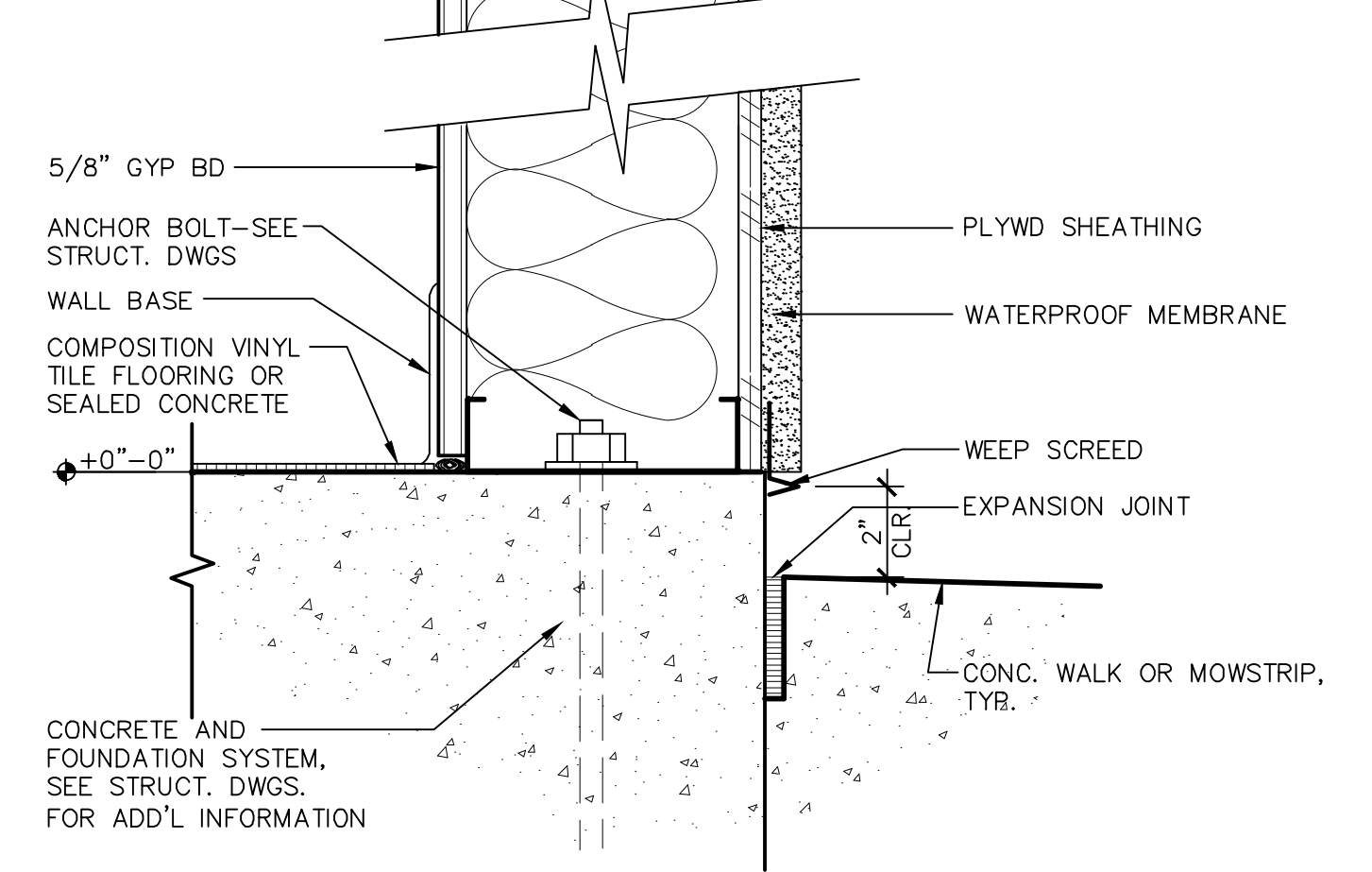
4 WALL SECTION
A7.03 ADW131-20 SCALE: 3" = 1'-0"



4 WALL SECTION
A7.03 ADW131-20 SCALE: 3" = 1'-0"



4 WALL SECTION
A7.03 ADW131-20 SCALE: 3" = 1'-0"



4 WALL SECTION
A7.03 ADW131-20 SCALE: 3" = 1'-0"

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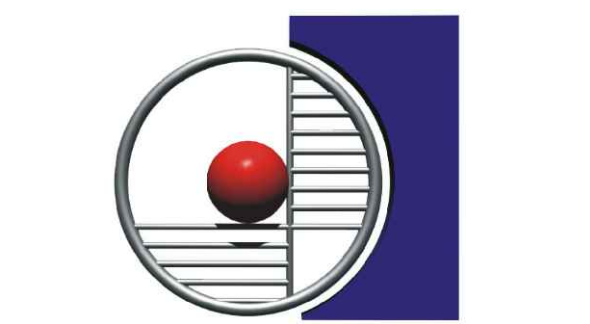


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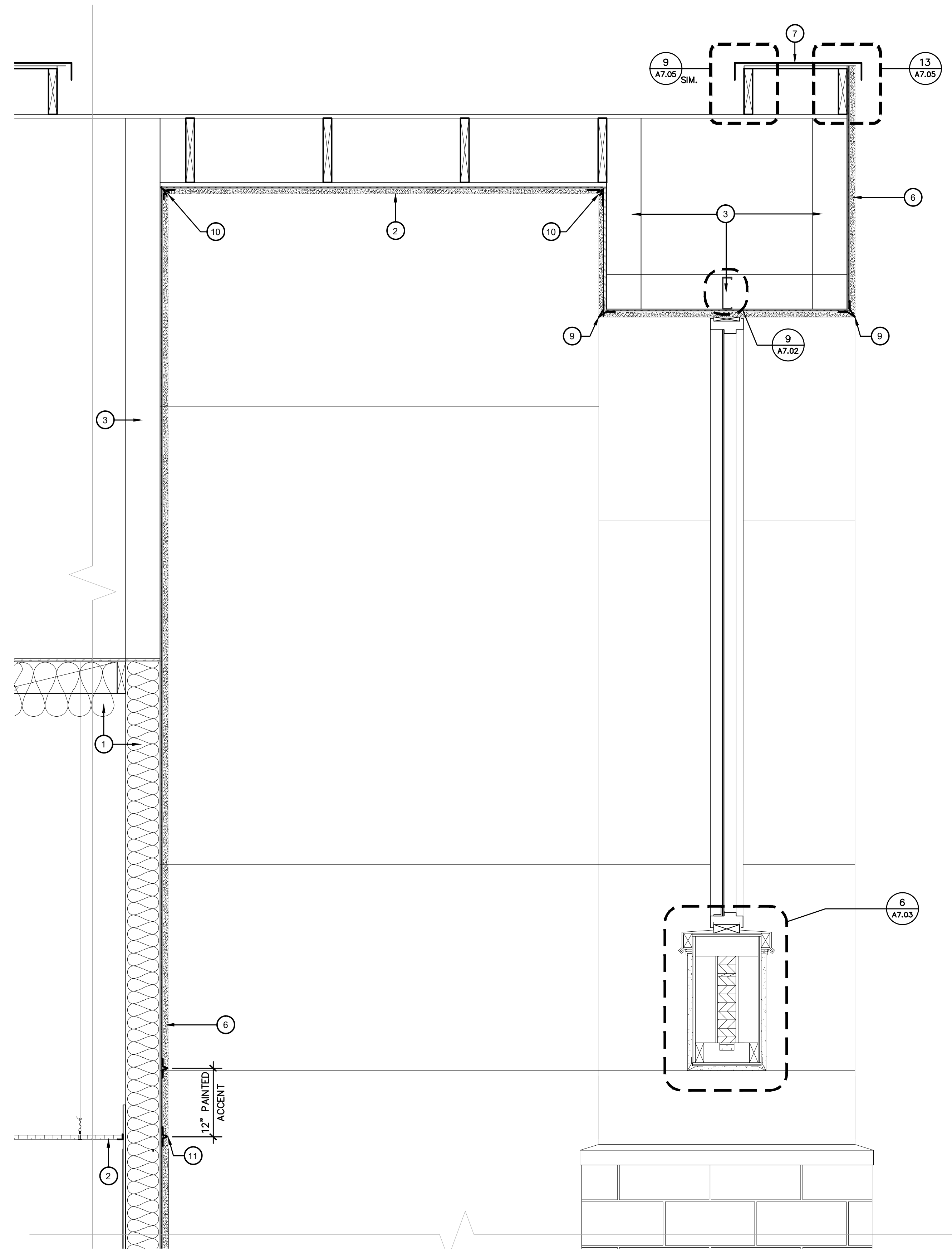
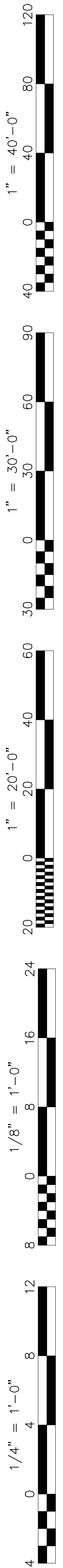
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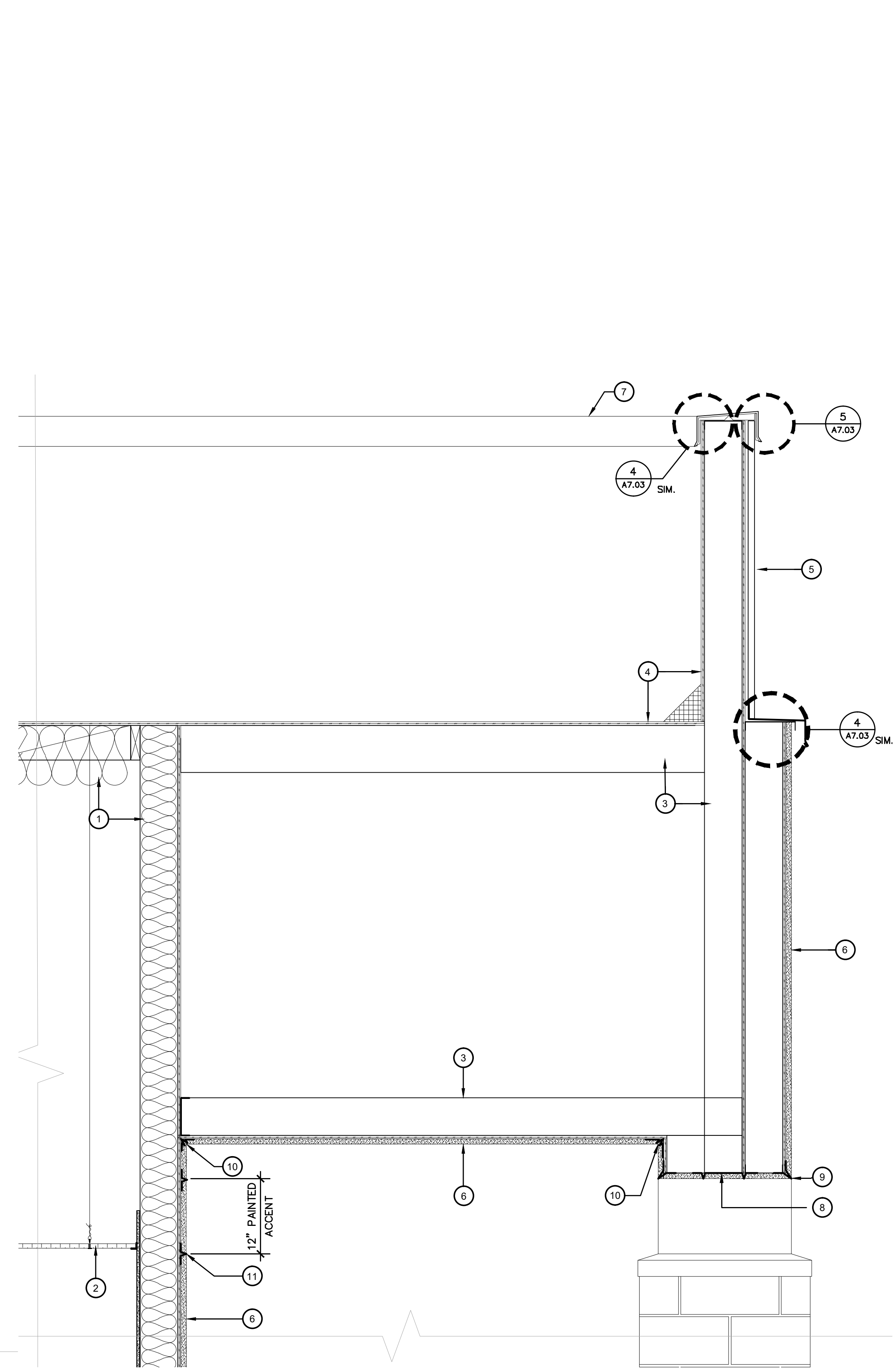
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**EXTERIOR
DETAILS**

Job No.:
5527

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A7.03



SECTION 1
1" = 1'-0"




SECTION 1
1" = 1'-0"

KEY NOTES

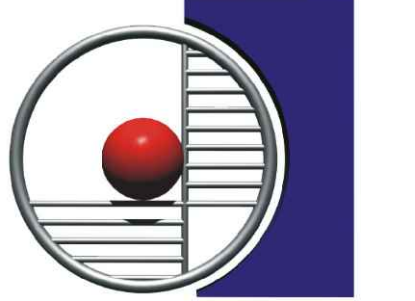
1. BATT INSULATION
2. SUSPENDED ACOUSTICAL TILE
3. STRUCTURAL FRAMING - SEE STRUCTURAL
4. SINGLE PLY ROOFING MEMBRANE of PLYWOOD
5. METAL FASCIA PANEL - SEE DETAILS 1&2/A7.06
6. CEMENT PLASTER SYSTEM
7. SHEET METAL COPING
8. VENTED SCREED
9. #3 JOINT PER DETAIL 8/A7.01
10. #2 JOINT PER DETAIL 8/A7.01
11. #6 JOINT PER DETAIL 8/A7.01

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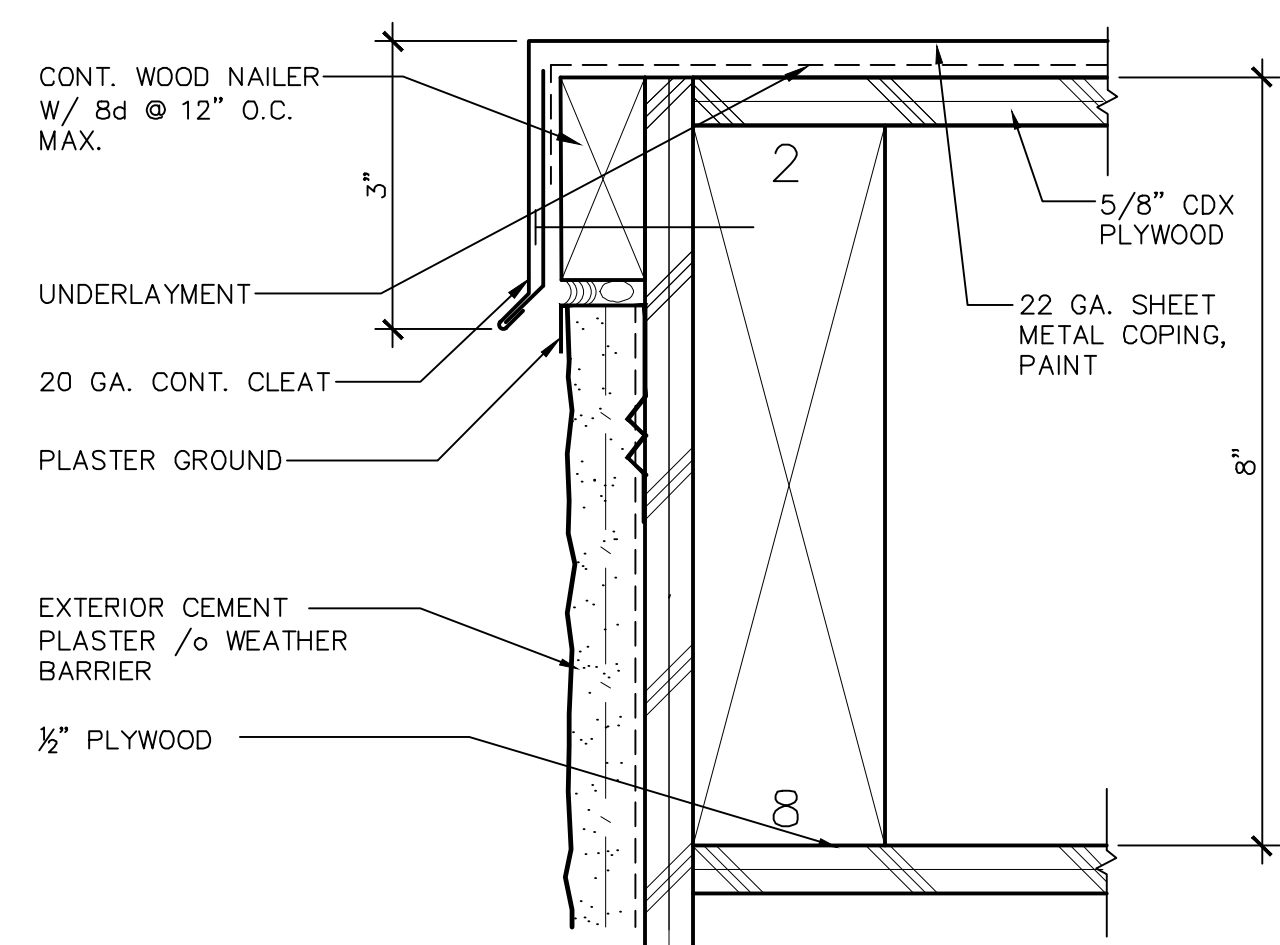
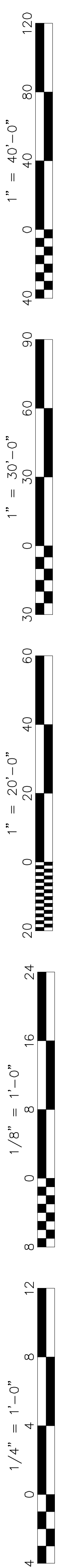


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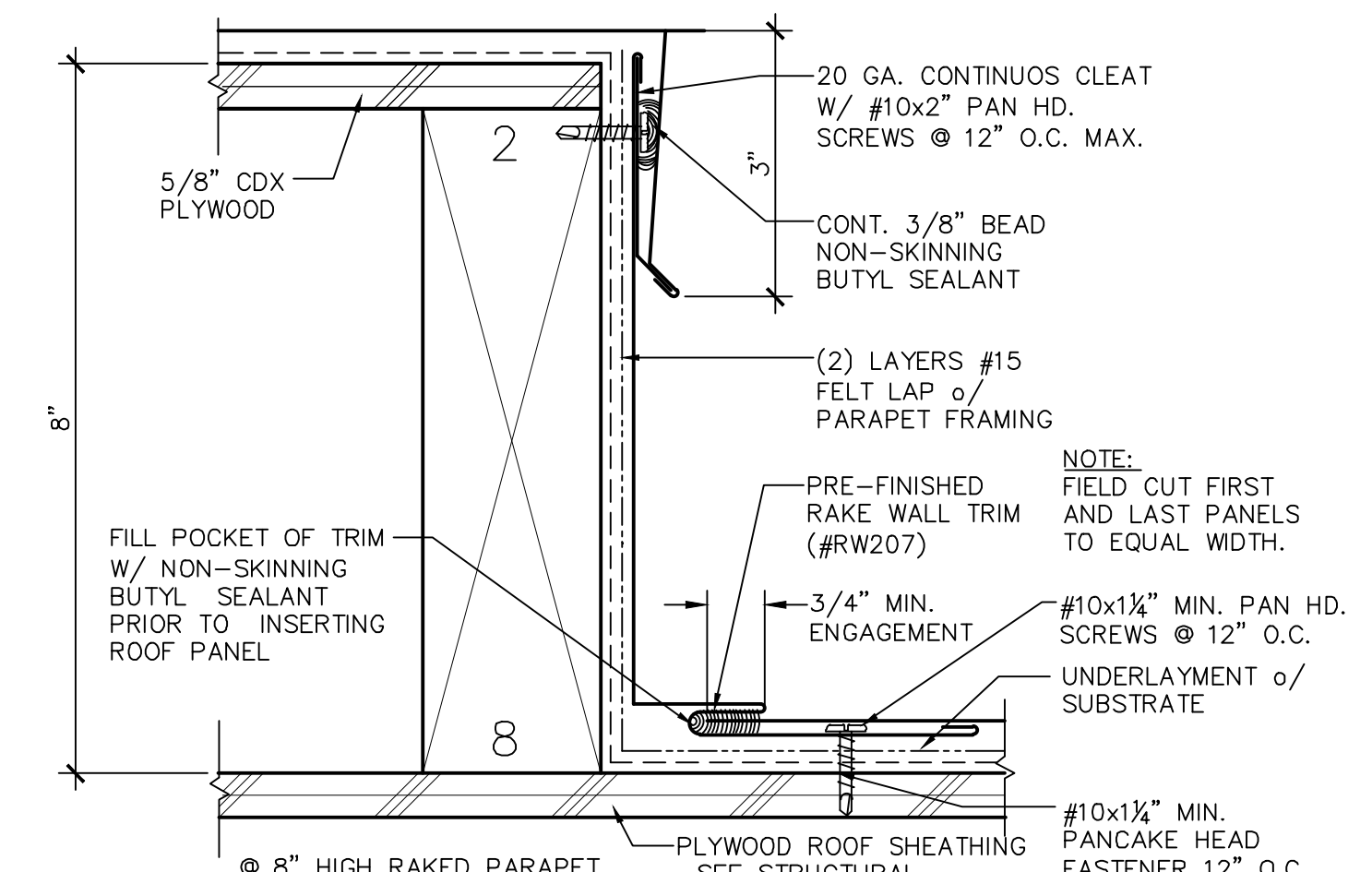
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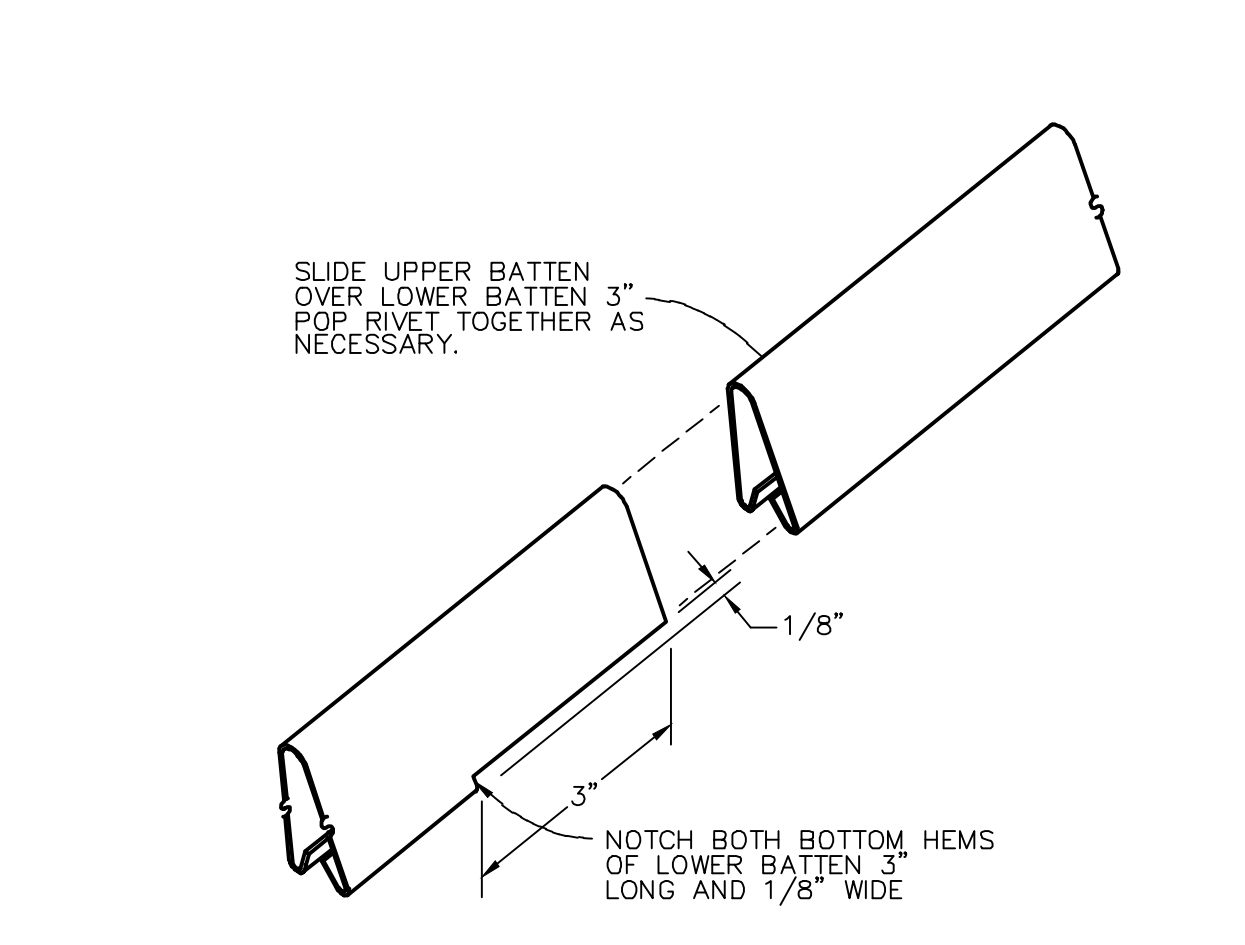
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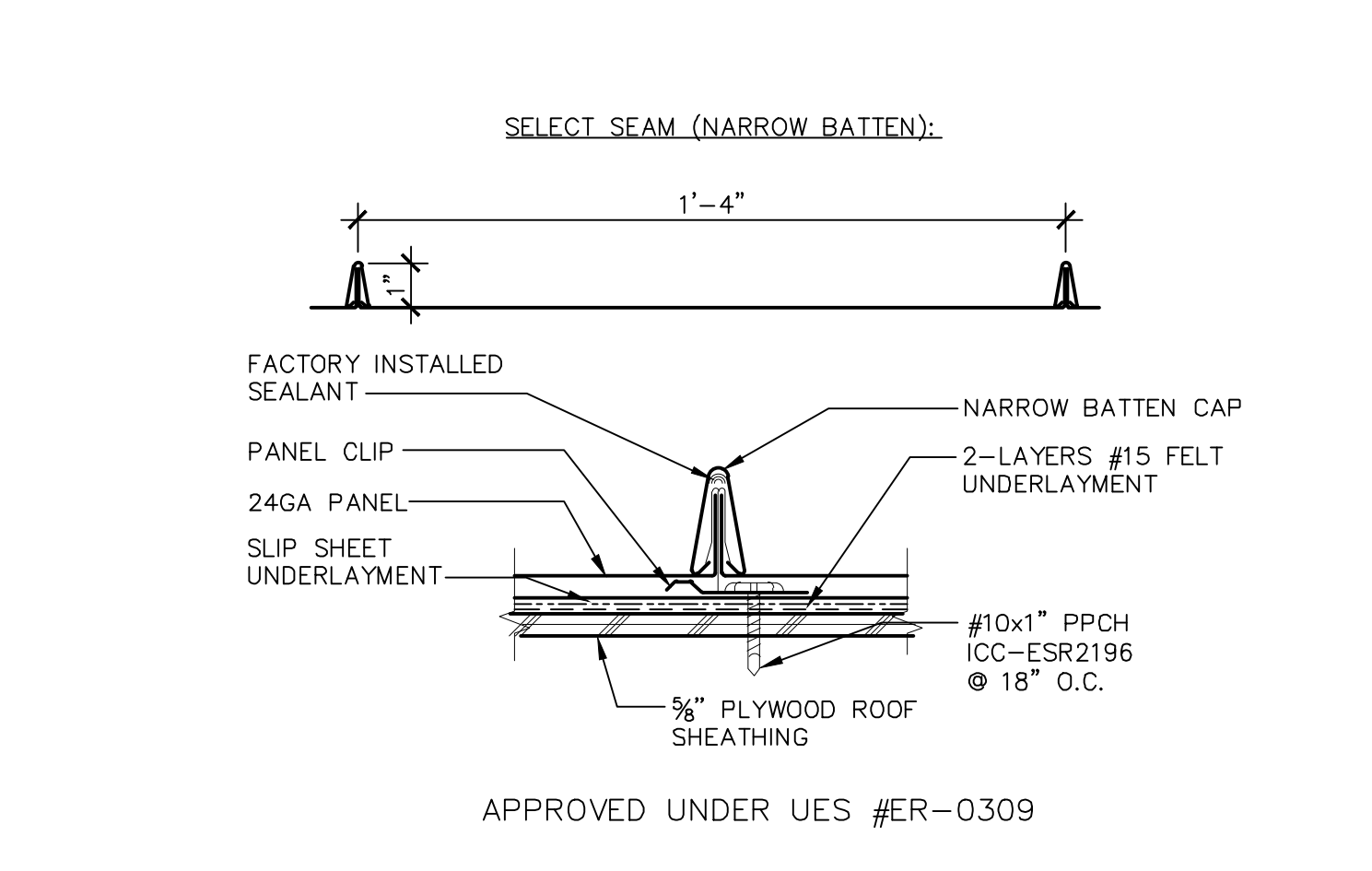
13 COPING @ RAKED RAISED CURB
 A7.05 ADR-SS12 SCALE: 6" = 1'-0"



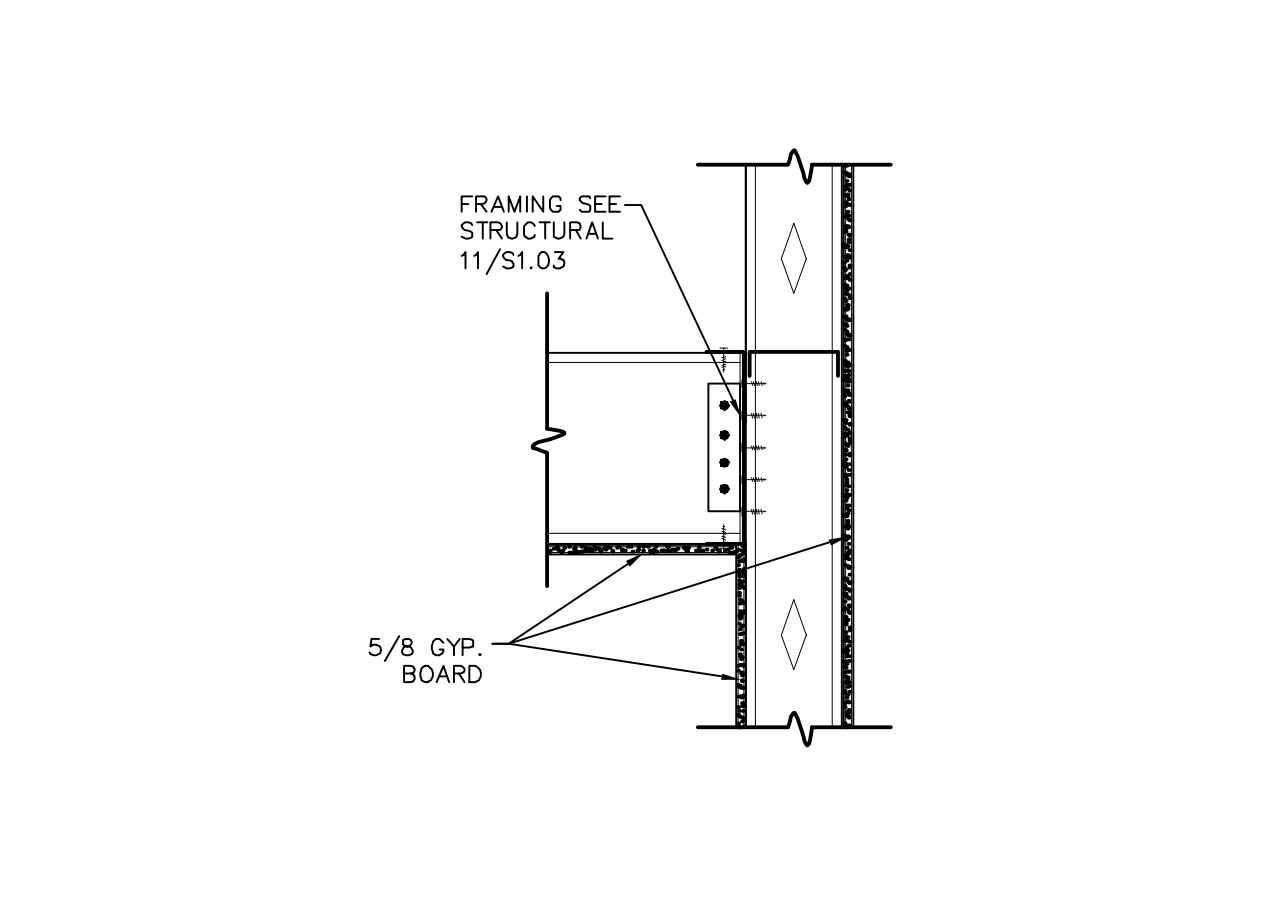
9 STANDING SEAM AT RAISED CURB
 A7.05 ADR-SS11 SCALE: 6" = 1'-0"



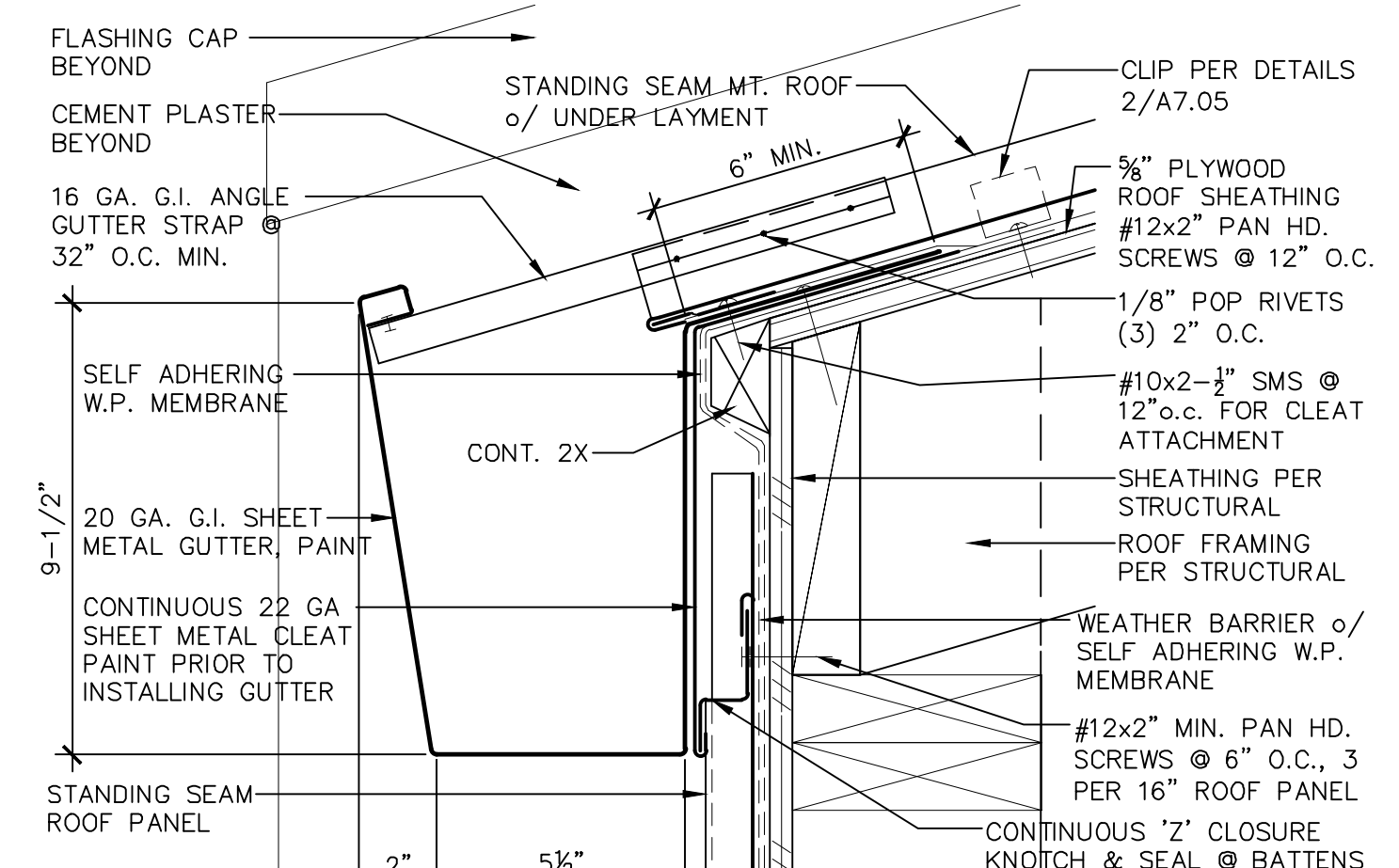
5 BATTEN LAP
 A7.05 ADR-SS9 NO SCALE



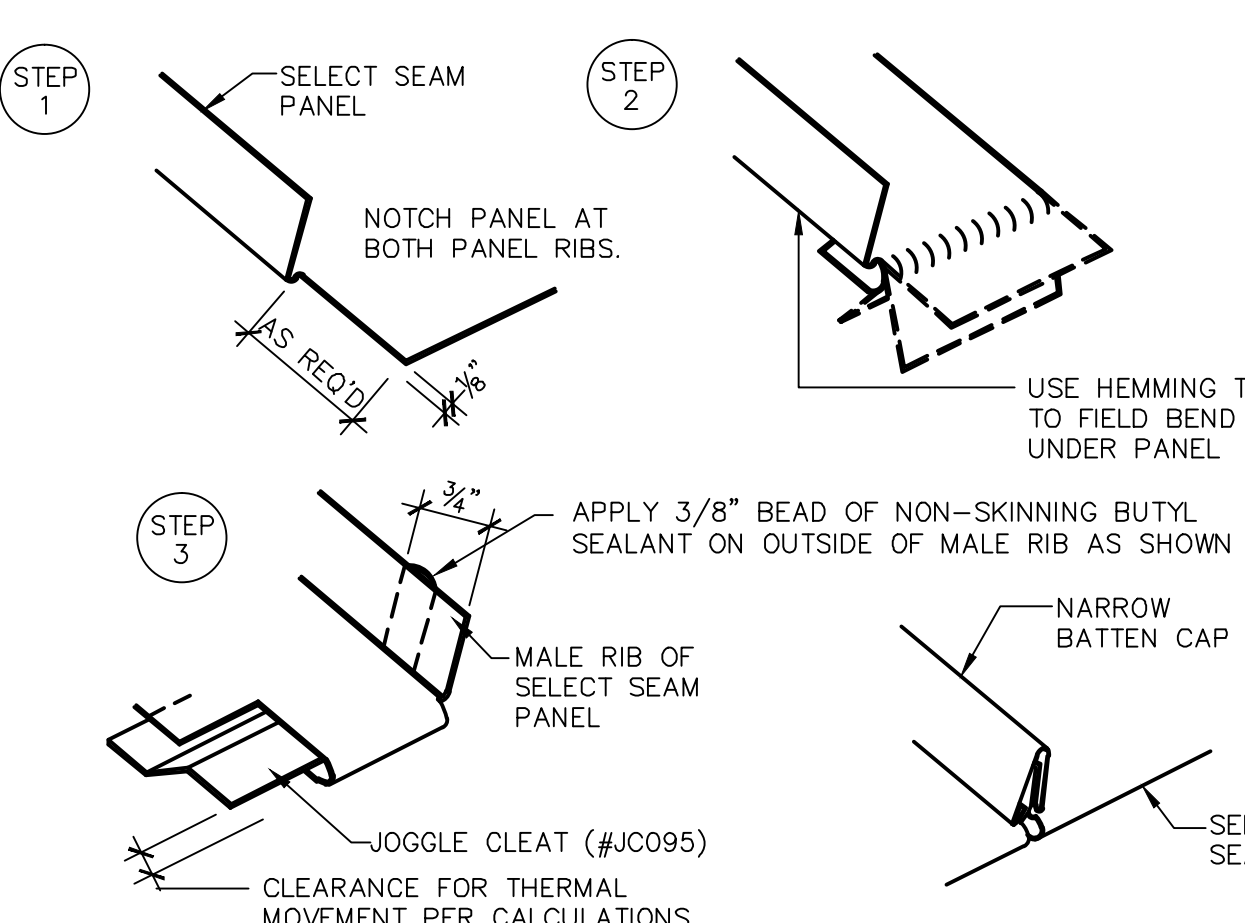
1 STANDING SEAM METAL ROOF PANEL
 A7.05 ADR-SS1 SCALE: 3" = 1'-0"



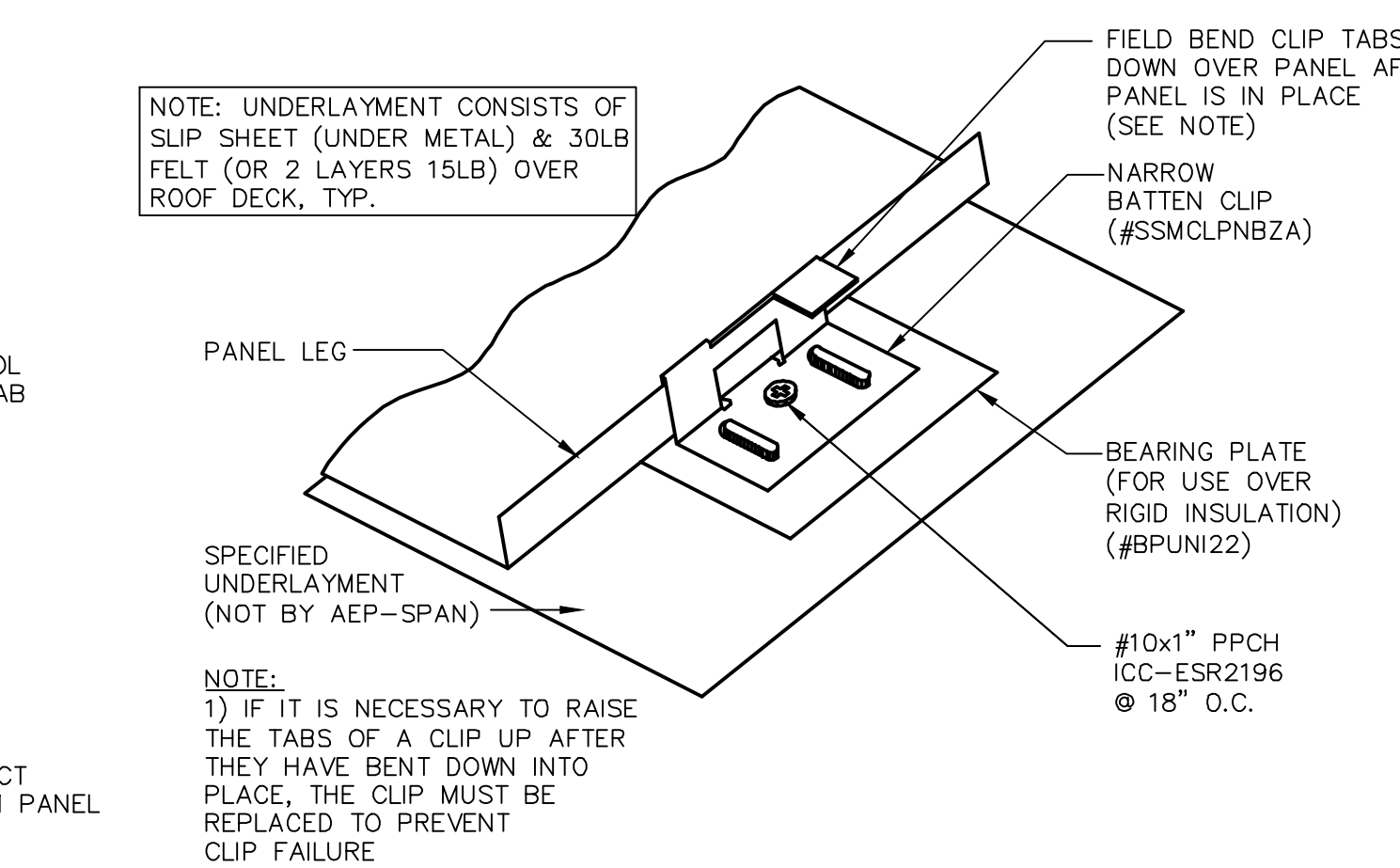
14 TYP. FRAMING DETAIL
 A7.05 ADR134-D1 SCALE: 1" = 1'-0"



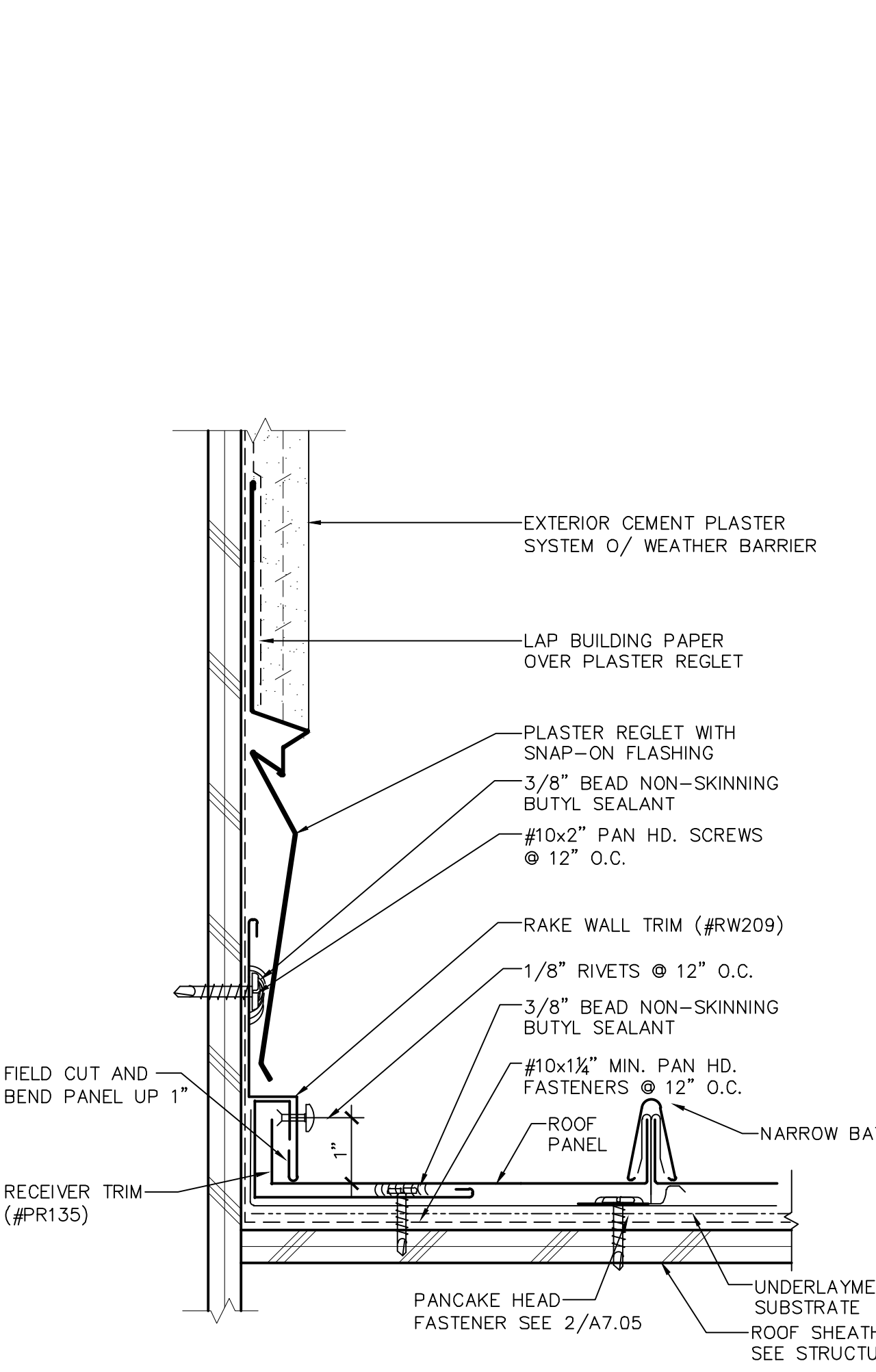
10 HANGER GUTTER DETAIL
 A7.05 ADR-SS14 SCALE: 3" = 1'-0"



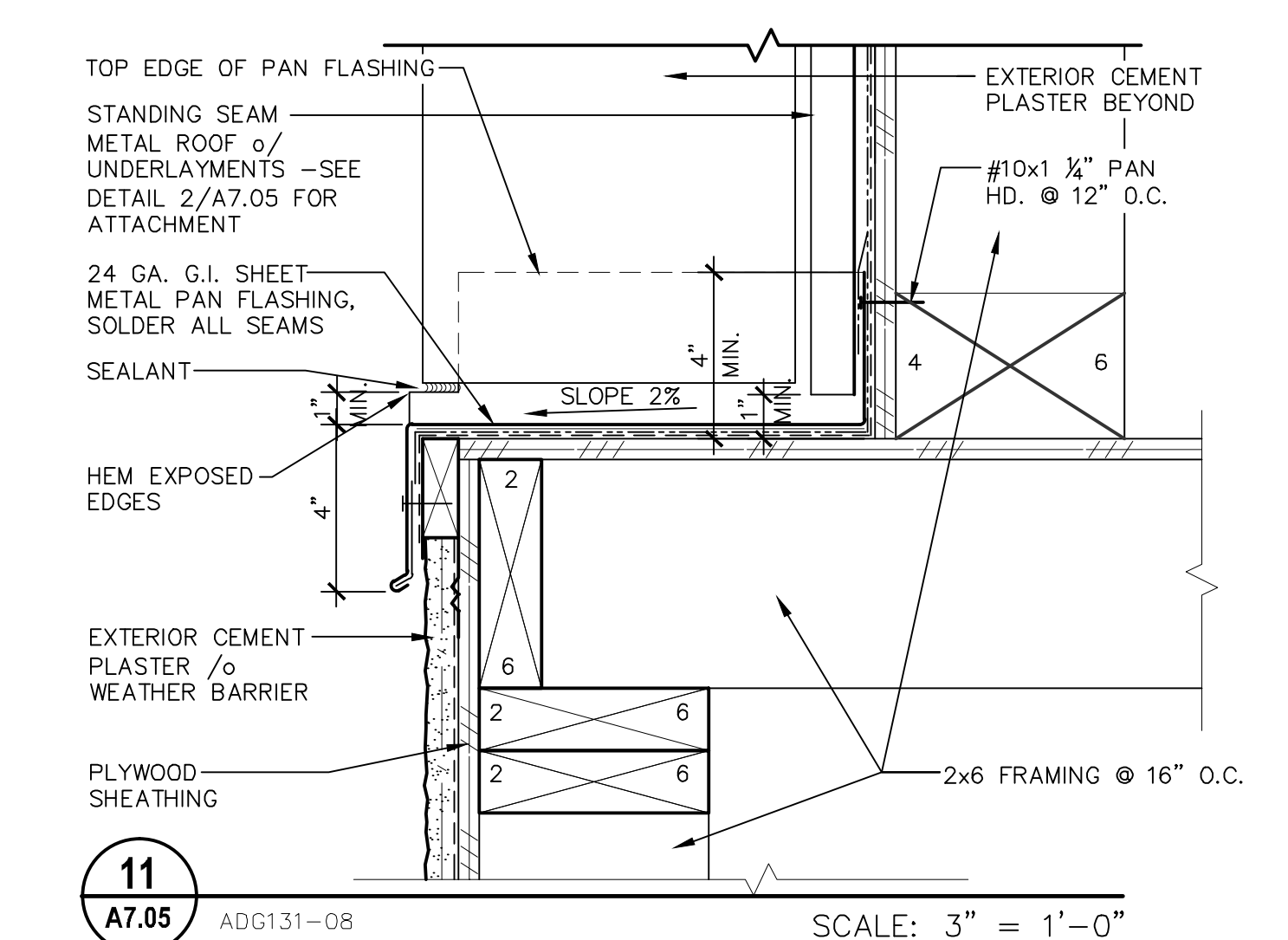
6 TYPICAL EAVE HEM
 A7.05 ADR-SS4 NO SCALE



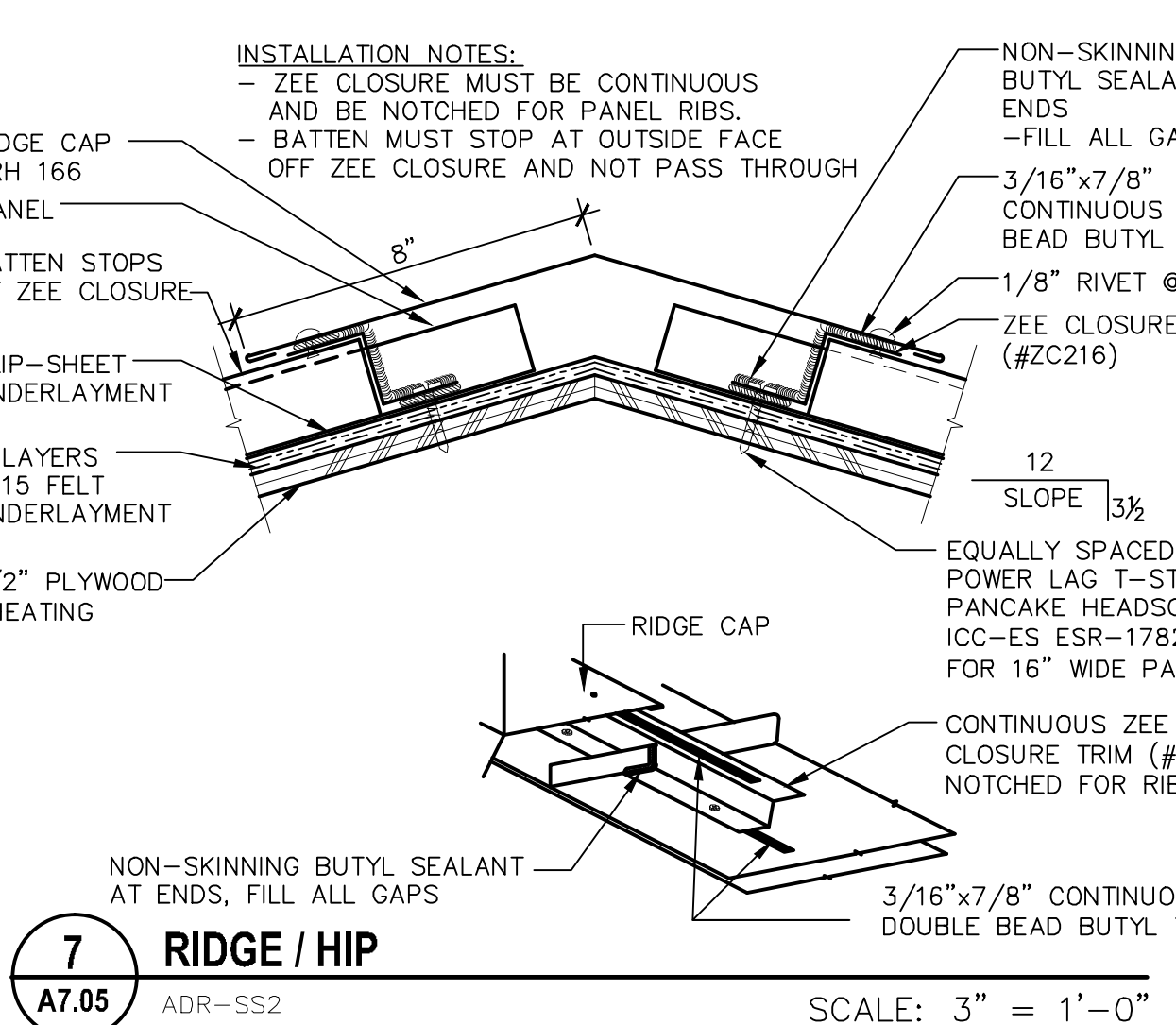
2 PANEL CLIP
 A7.05 ADR-SS6 SCALE: 1" = 1'-0"



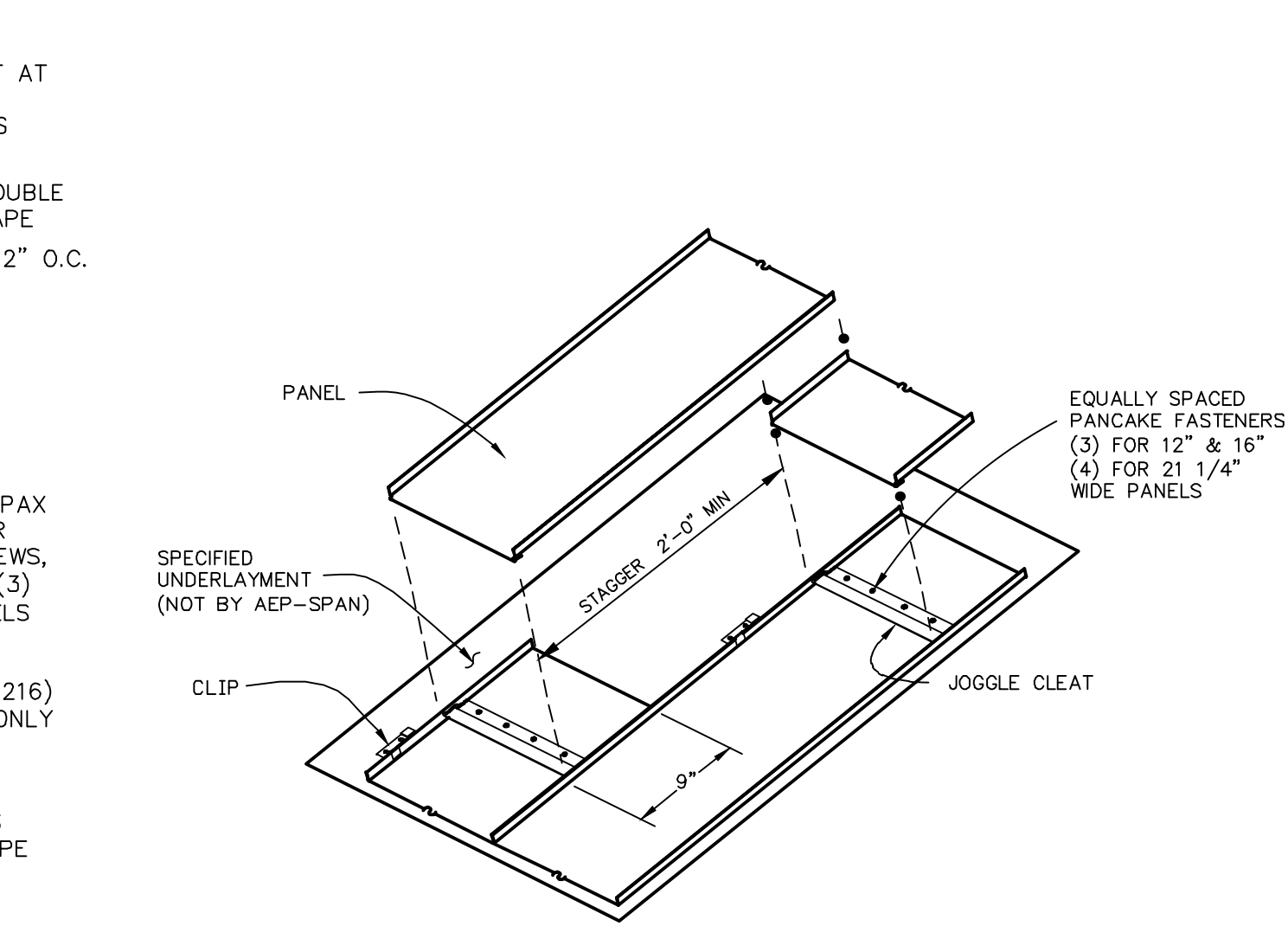
16 STANDING SEAM AT SIDEWALL
 A7.05 ADR-SS11a NTS



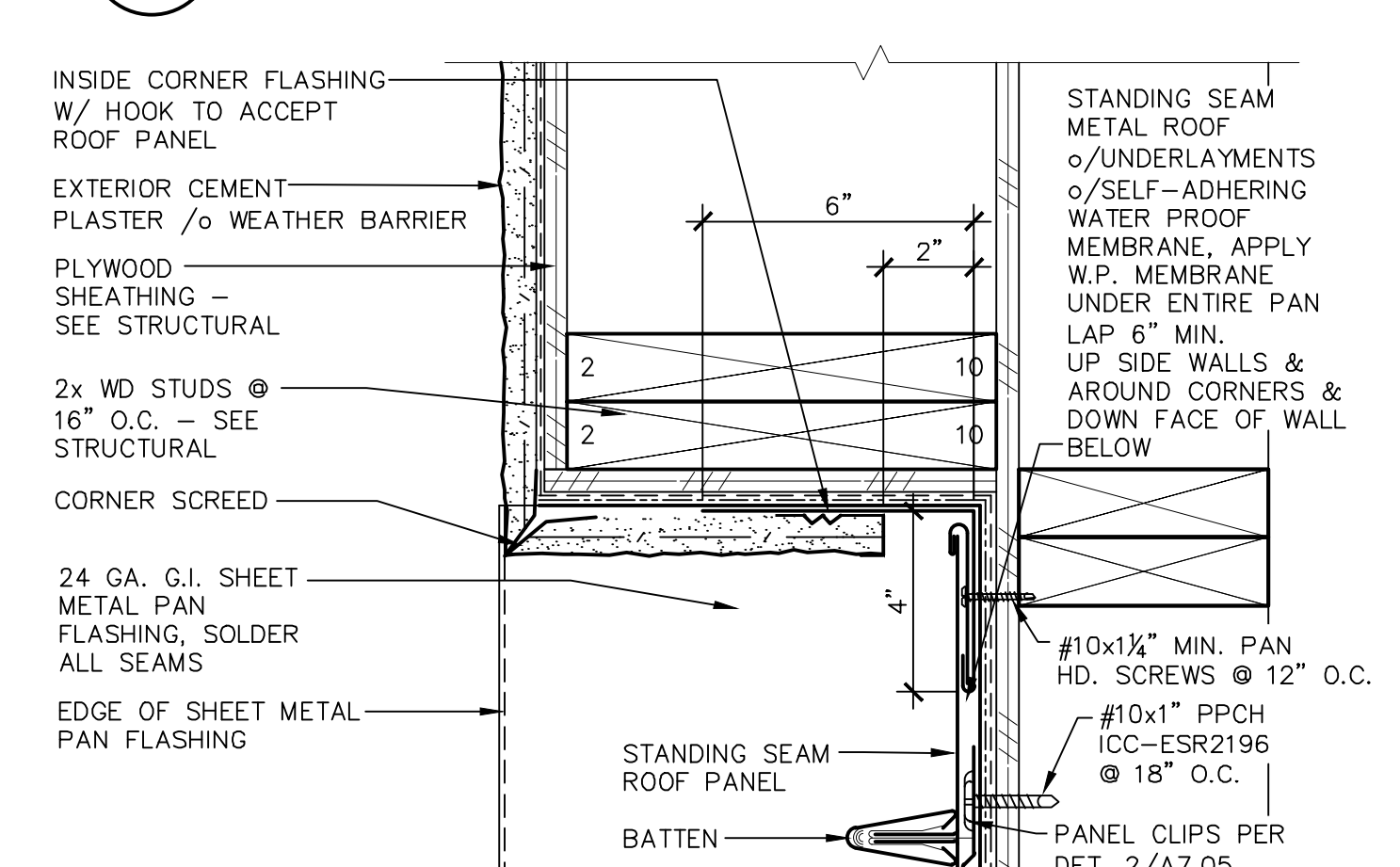
11 RIDGE / HIP
 A7.05 ADG131-08 SCALE: 3" = 1'-0"



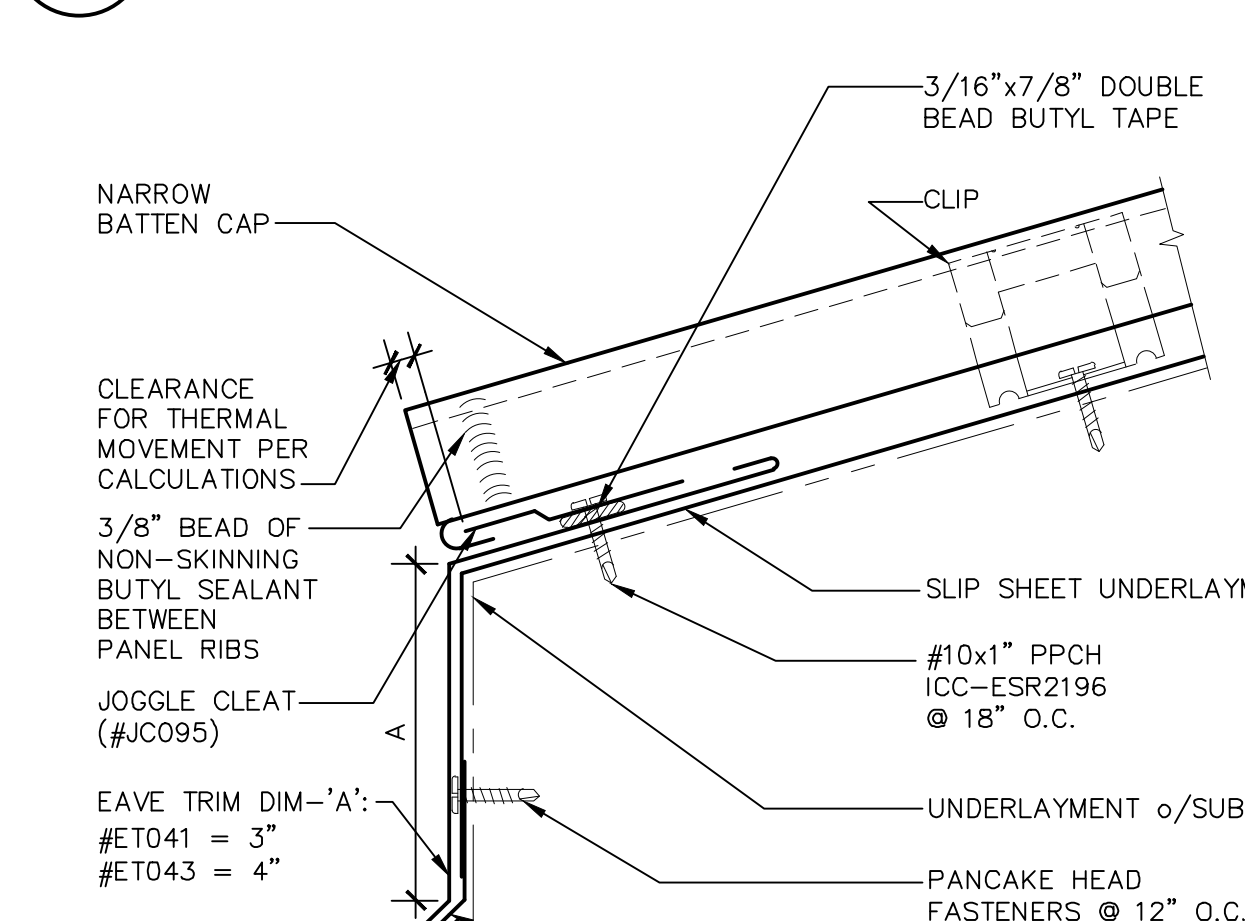
7 RIDGE / HIP
 A7.05 ADR-SS2 SCALE: 3" = 1'-0"



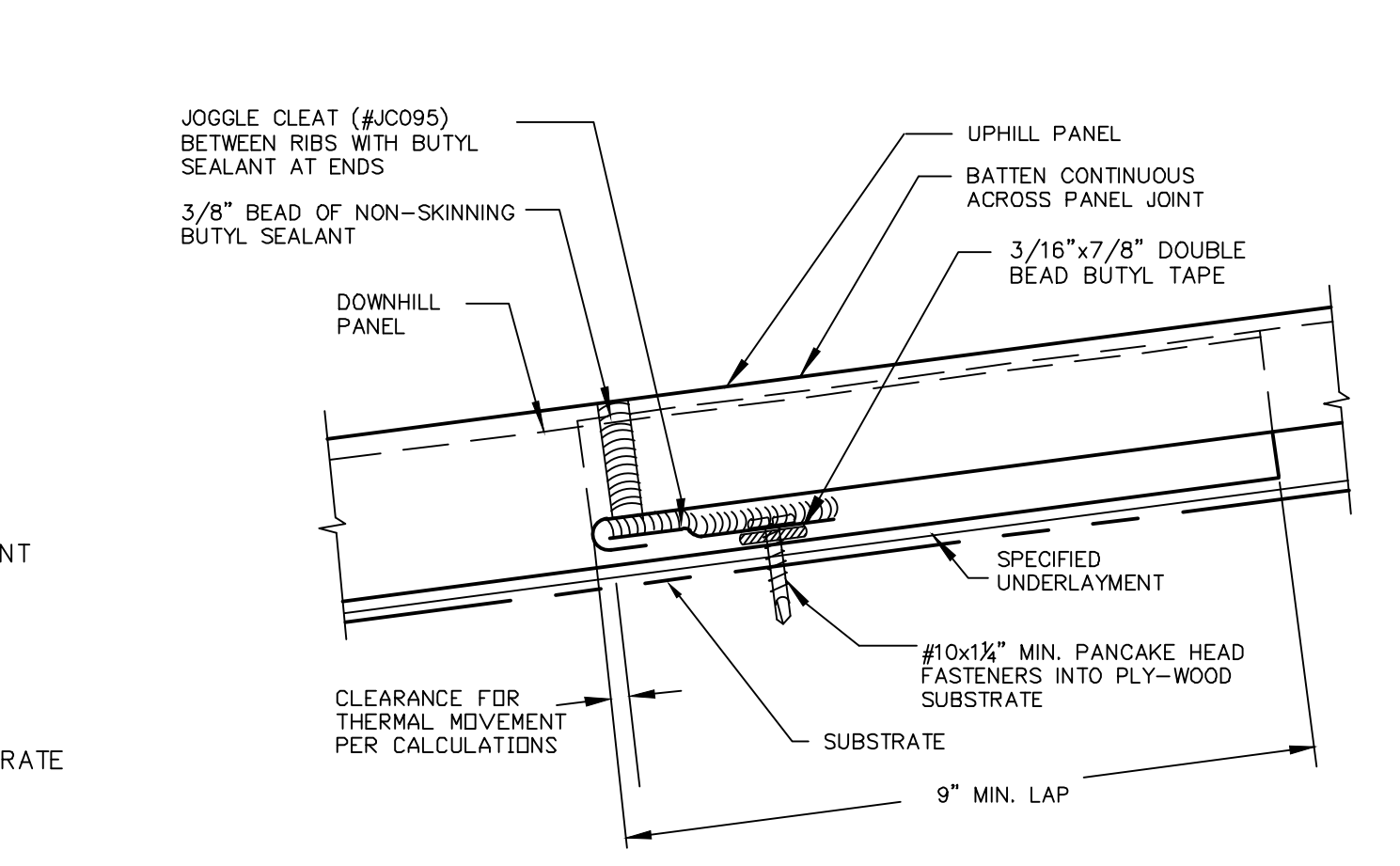
4 STANDING SEAM PANEL LAP
 A7.05 ADR-SS8 NO SCALE



12 CORNER FLASHING
 A7.05 ADG131-09 SCALE: 3" = 1'-0"




8 EAVE
 A7.05 ADR-SS7 SCALE: N.T.S.



3 STANDING SEAM METAL ROOF PANEL
 A7.05 ADR-SS3 NO SCALE


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BAKERSFIELD CITY SCHOOL DISTRICT
 1300 BAKER STREET
 BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER
 Project Address:
WELLNESS CENTER
 1100 CITADEL STREET
 BAKERSFIELD, CA 93307

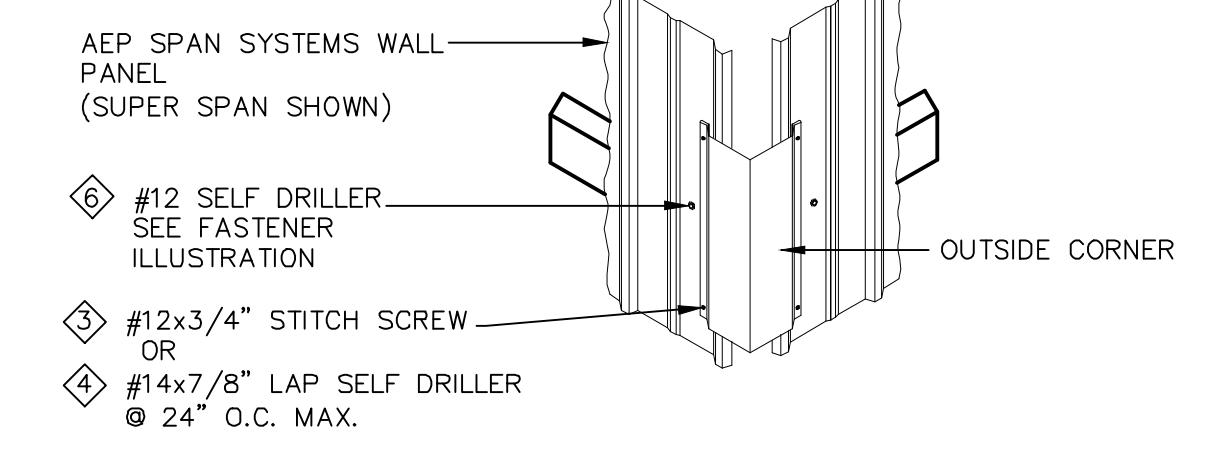
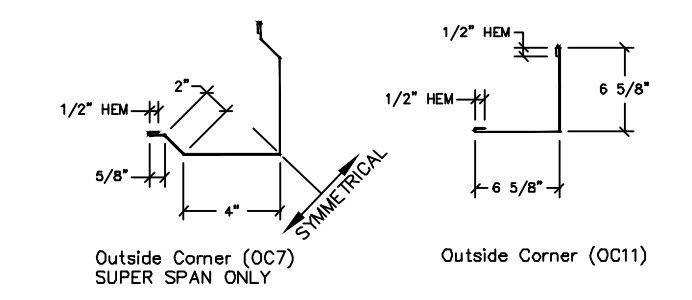
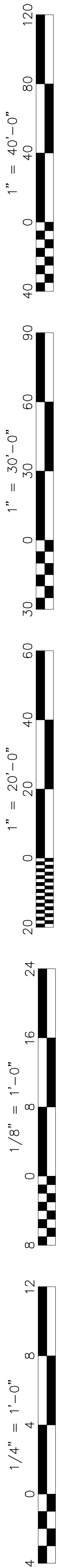

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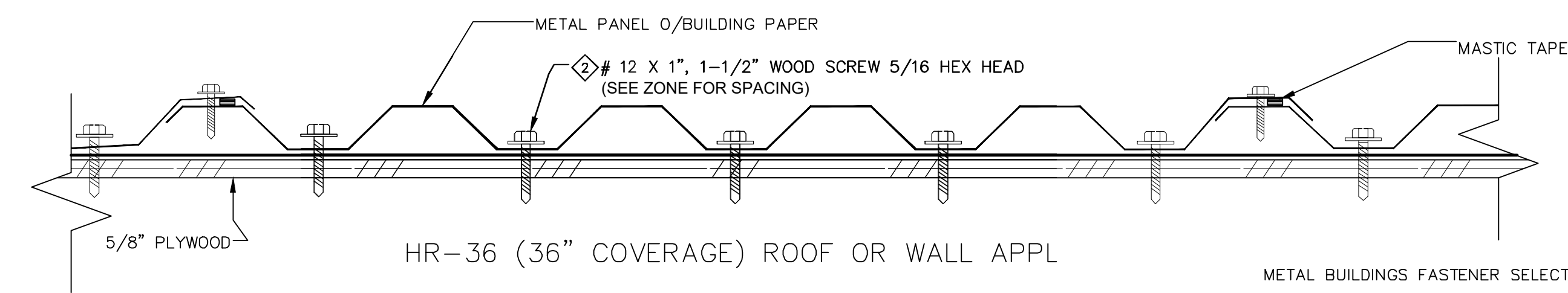
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Sheet Title:
EXTERIOR DETAILS
 Job No.: **5527**

Sheet No.: **A7.05**
 Release: DSA BACKCHECK



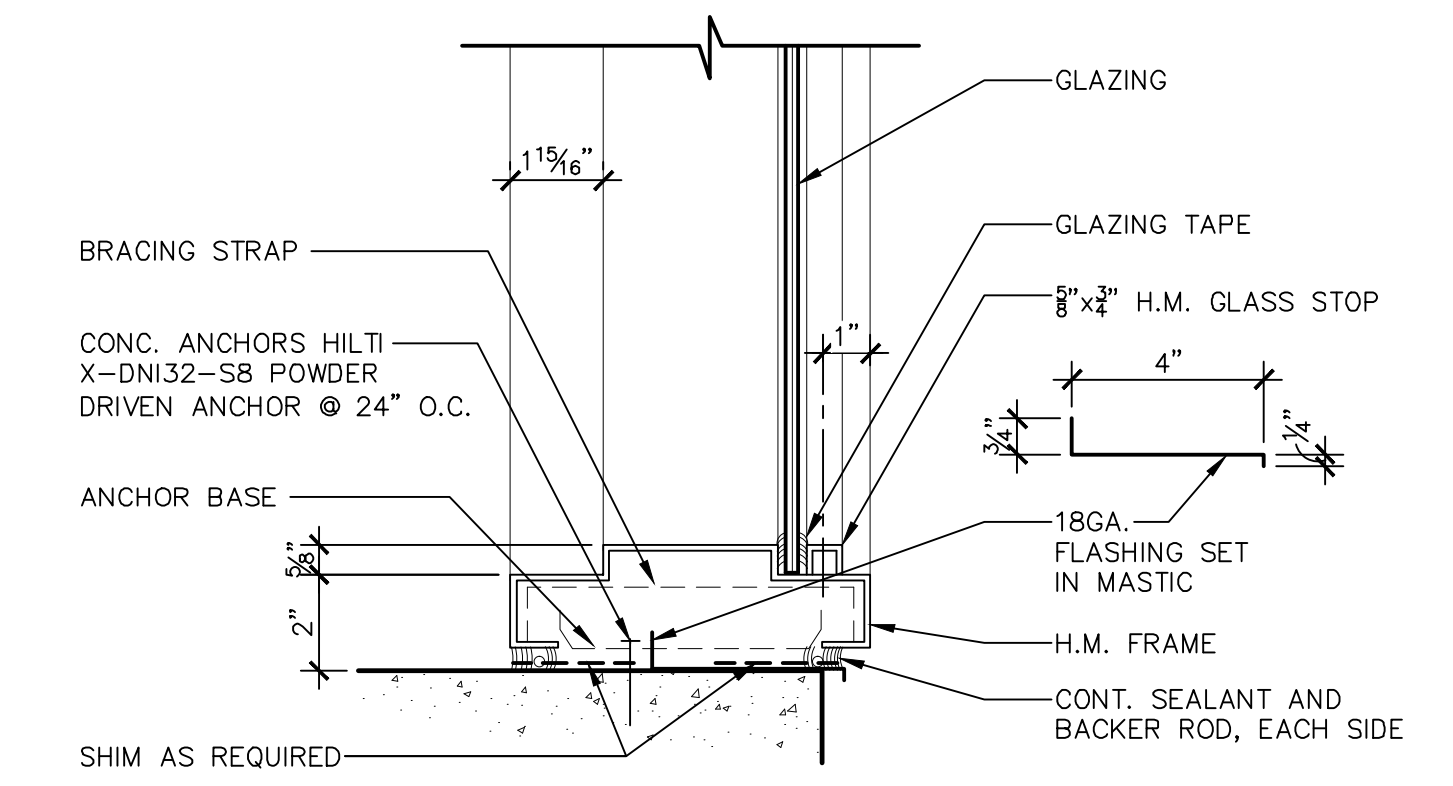
1 METAL FASCIA PANEL OUTSIDE CORNER
 A7.06 ADW133-02 SCALE: 3" = 1'-0"



Attachment: Zone 4 Zone 5
 Attachment Spacing: 6ft 0in 5ft 0in
 Zone Width: 8.0 ft
 Fasteners, Panel: #12 HWH, Self Drill. (6 /Support Loc.)

FASTENER #	DESCRIPTION	USE
1	#8x1\", 1 1/2\", 2\"/>	
2	#12x1\", 1 1/2\", WOOD SCREW 5/16\"/>	
3	#12x3/4\"/>	
4	#14x7/8\"/>	
5	S18S-42 STAINLESS STEEL RIVET 1/8 x 1/8	TRIM TO TRIM OR TRIM TO PANEL ATTACHMENTS
6	#12x1\", 1 1/2\", 2\", 2 1/2\"/>	

2 METAL FASCIA PANELS
 A7.06 ADW133-01 SCALE: 3" = 1'-0"



3 H.M. WINDOW SILL AT EXTERIOR
 A7.06 ADG100-01 SCALE: 3" = 1'-0"

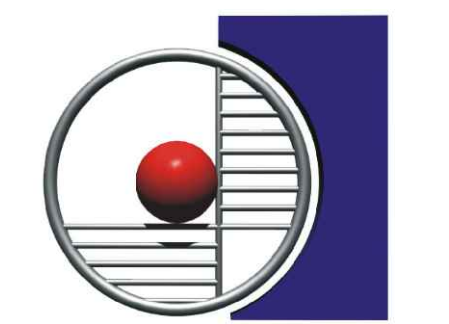
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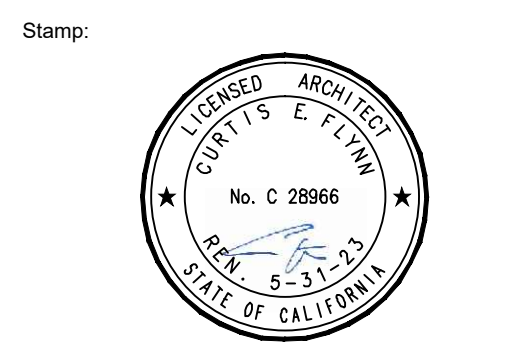


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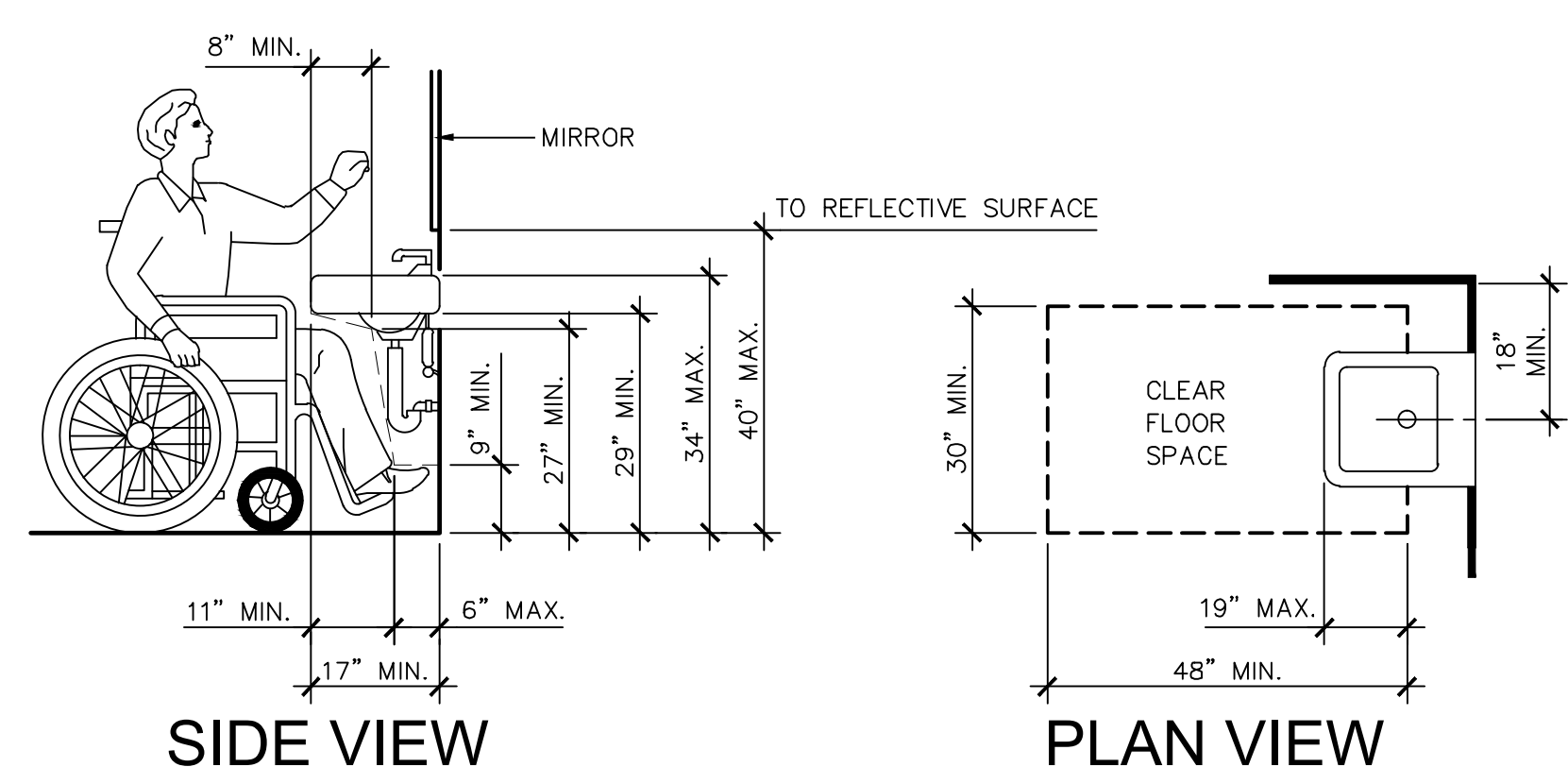
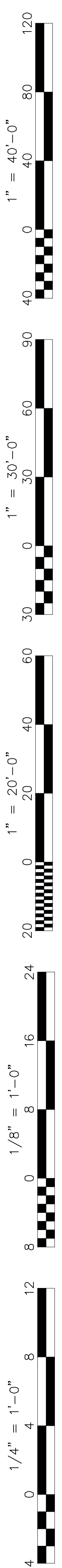


Sheet Title:
**EXTERIOR
 DETAILS**

Job No.:
5527

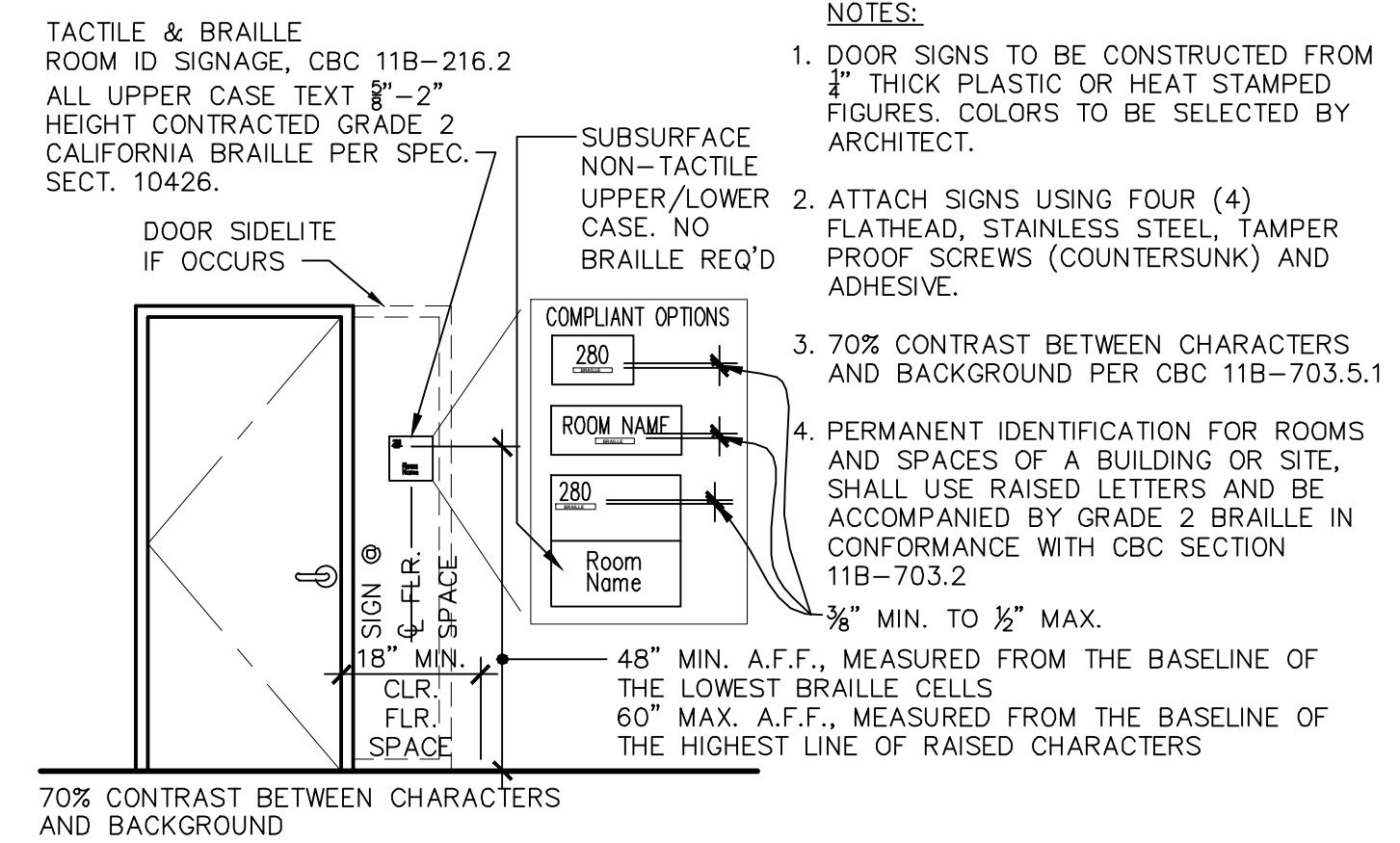
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Release: DSA BACKCHECK



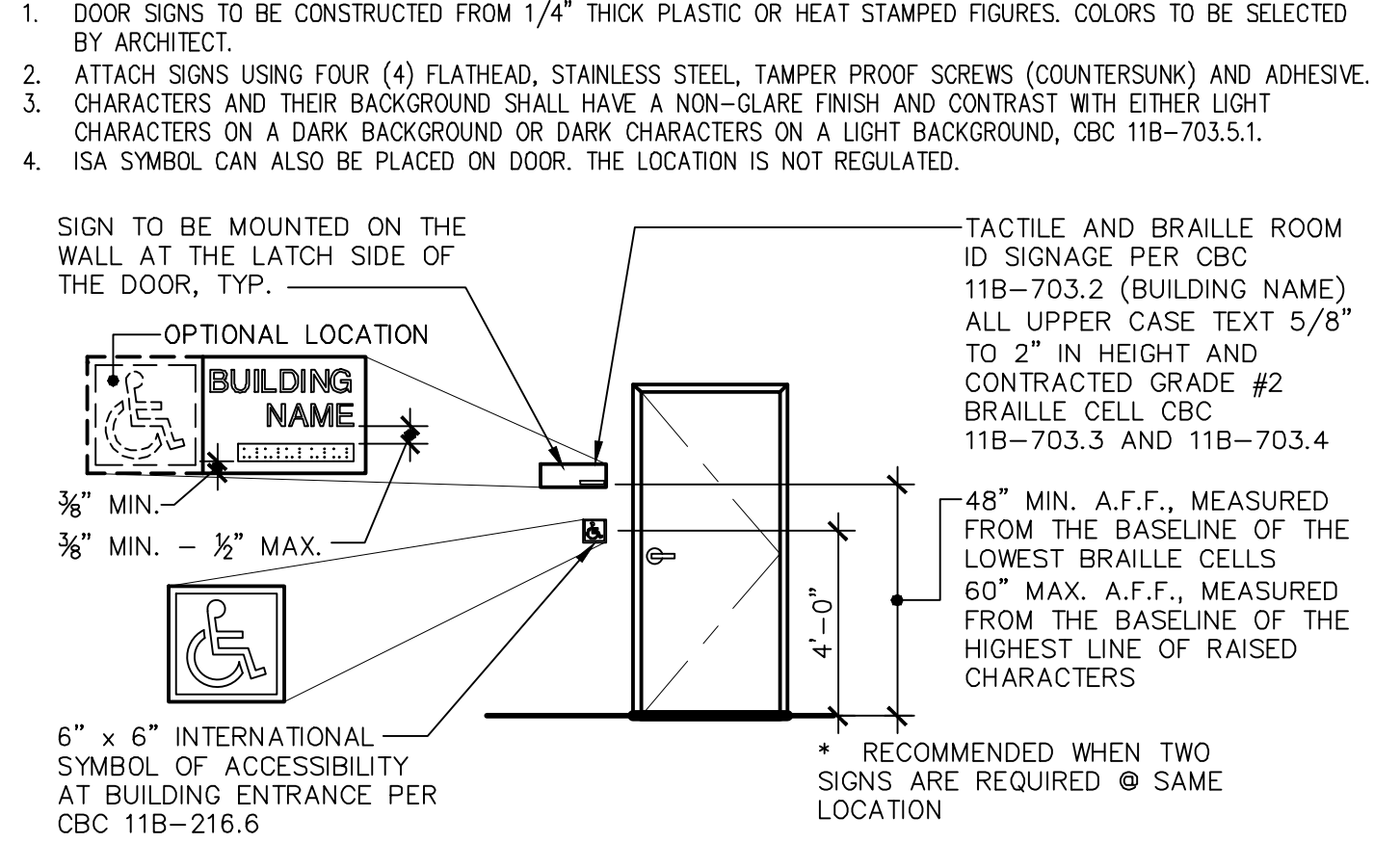
- NOTES:**
1. NO SHARP OR ABRASIVE SURFACES SHALL BE PRESENT UNDER LAVATORIES.
 2. ALL PIPES UNDERNEATH LAVATORIES SHALL BE INSULATED TO PROTECT AGAINST CONTACT FROM THE PERSONS USING THE FIXTURE. (REFER TO SPECIFICATIONS)
 3. THE LOWER REFLECTIVE EDGE OF MIRRORS SHALL NOT EXCEED 40 INCHES ABOVE THE FINISHED FLOOR.
 4. ACCEPTABLE FAUCETS SHALL INCLUDE PUSH ELECTRONIC AND LEVER MECHANISM. FAUCETS WITH SELF-CLOSING VALVES SHALL REMAIN OPEN FOR NO LESS THAN 10 SECONDS. SEE PLUMBING DRAWINGS.
 5. ACCESSIBLE FAUCET CONTROLS SHALL BE PUSH TYPE WITH 5 LBS MAX. OPERATING FORCE.

13 KNEE AND TOE CLEARANCE @ ACCESSIBLE LAVATORY
A8.01 ADA200-10 SCALE: 1/2" = 1'-0"

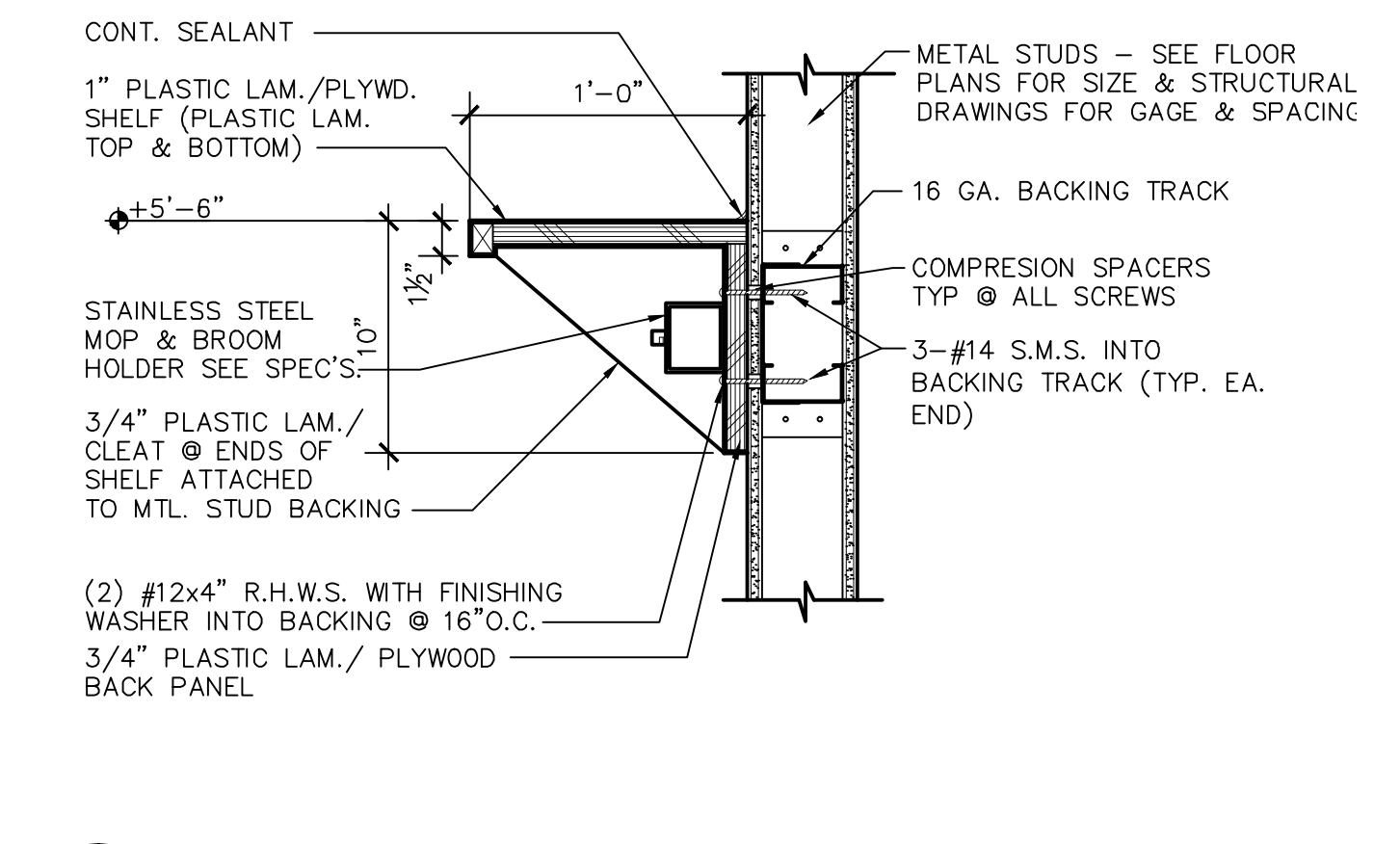


- NOTES:**
1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
 2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS (COUNTERSUNK) AND ADHESIVE.
 3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND PER CBC 11B-703.5.1
 4. PERMANENT IDENTIFICATION FOR ROOMS AND SPACES OF A BUILDING OR SITE, SHALL USE RAISED LETTERS AND BE ACCOMPANIED BY GRADE 2 BRAILLE IN CONFORMANCE WITH CBC SECTION 11B-703.2

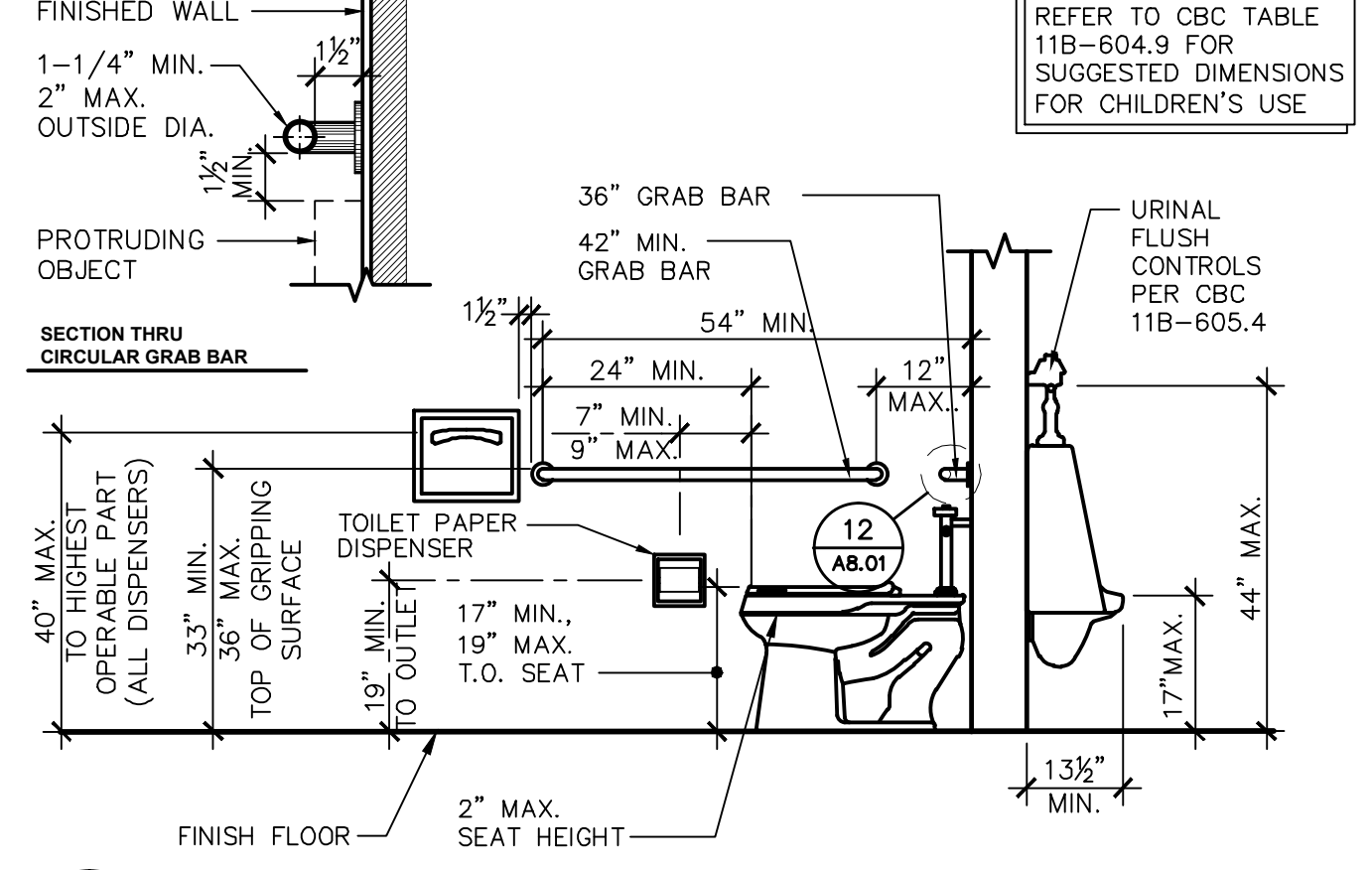
5 ROOM ID SIGNAGE
A8.01 ADX100-01 SCALE: NO SCALE



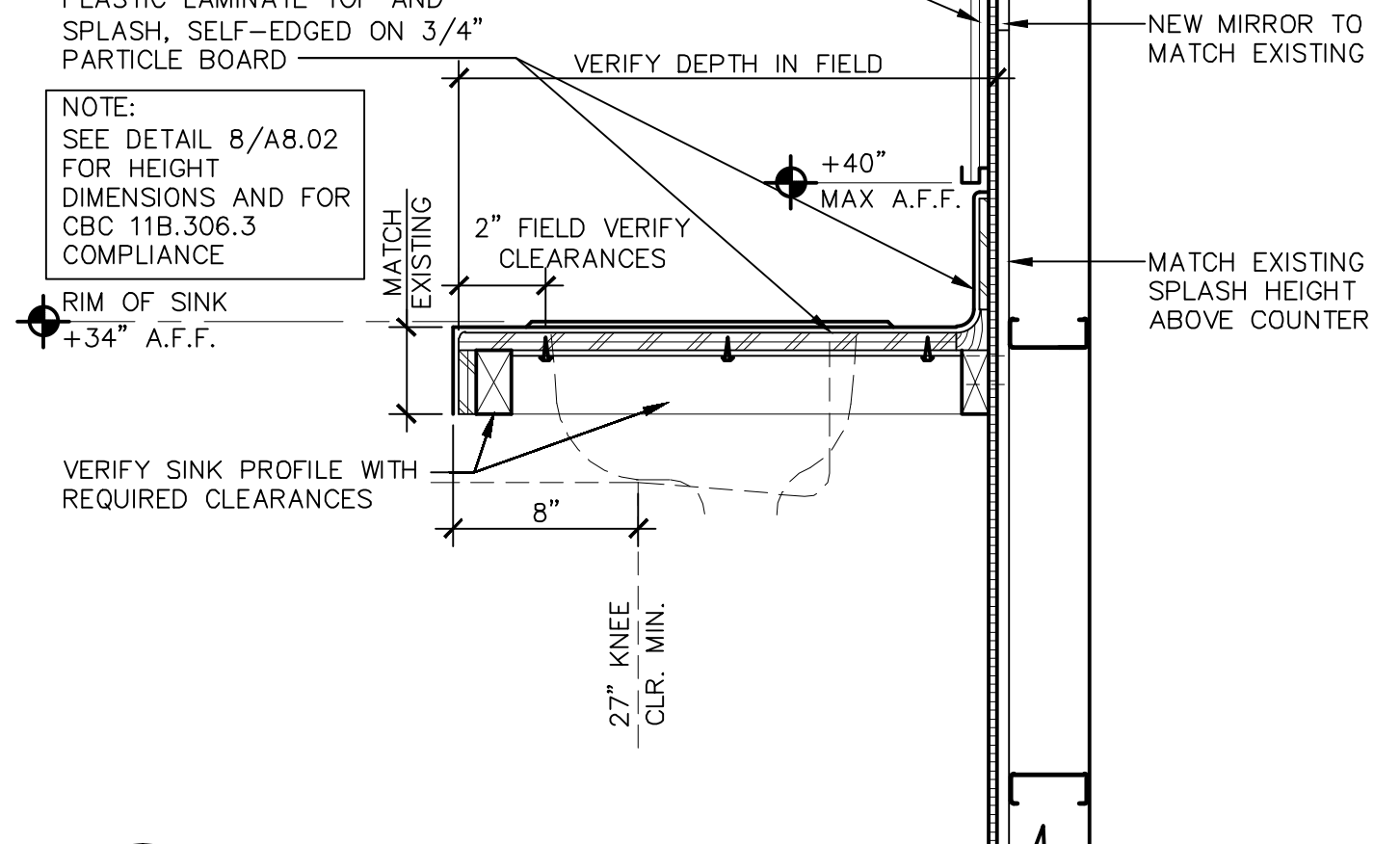
1 BUILDING ENTRANCE/I.S.A. SIGNAGE
A8.01 ADA100-01 SCALE: 1/4" = 1'-0"



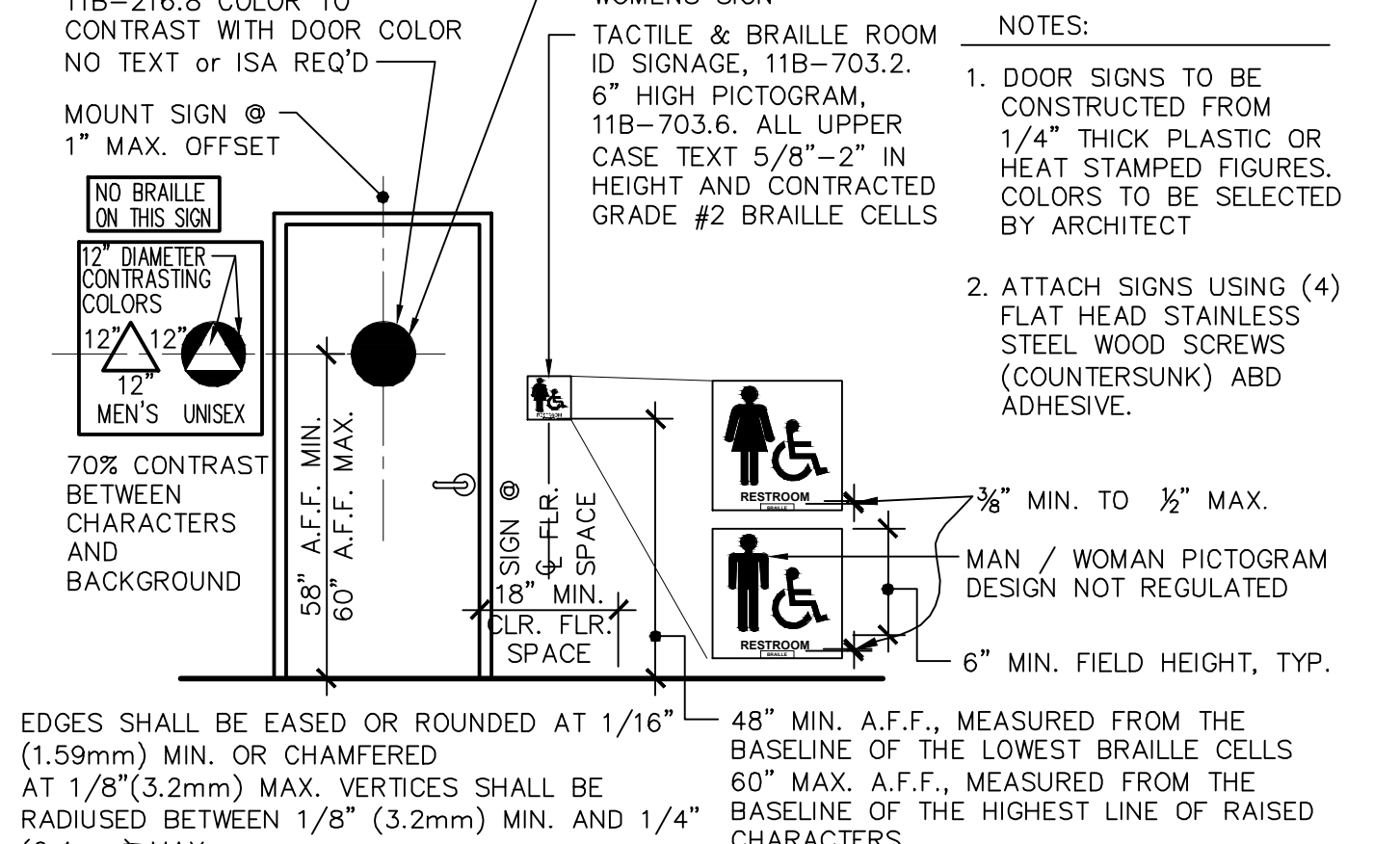
14 DETAIL @ JANITORS SHELF / MOP HOOKS
A8.01 AD1244-10 SCALE: 1 1/2" = 1'-0"



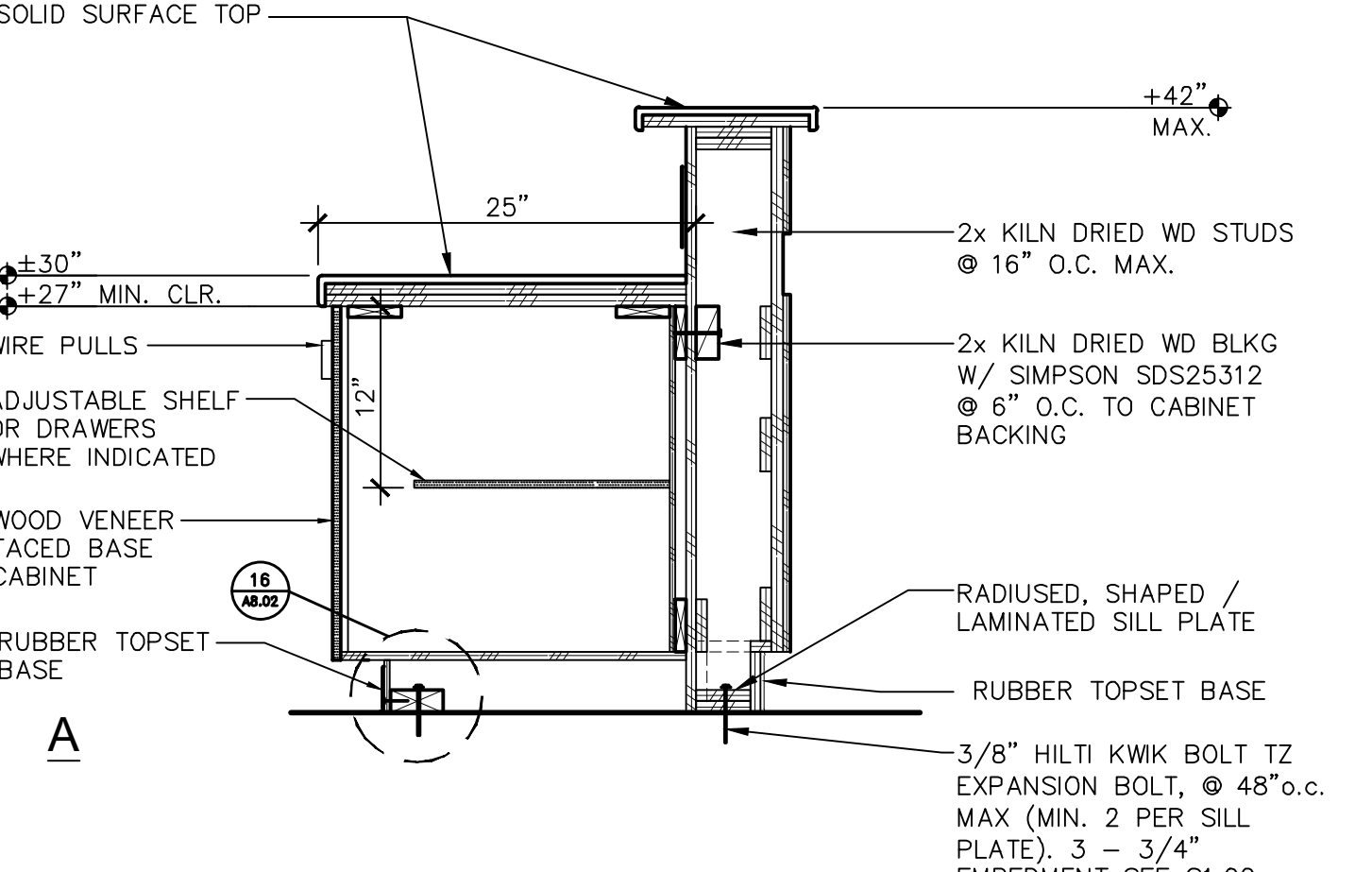
10 ACCESSIBLE FIXTURE & W/C COMPARTMENT MOUNTING HTS
A8.01 ADA200-12 SCALE: 1/2" = 1'-0"



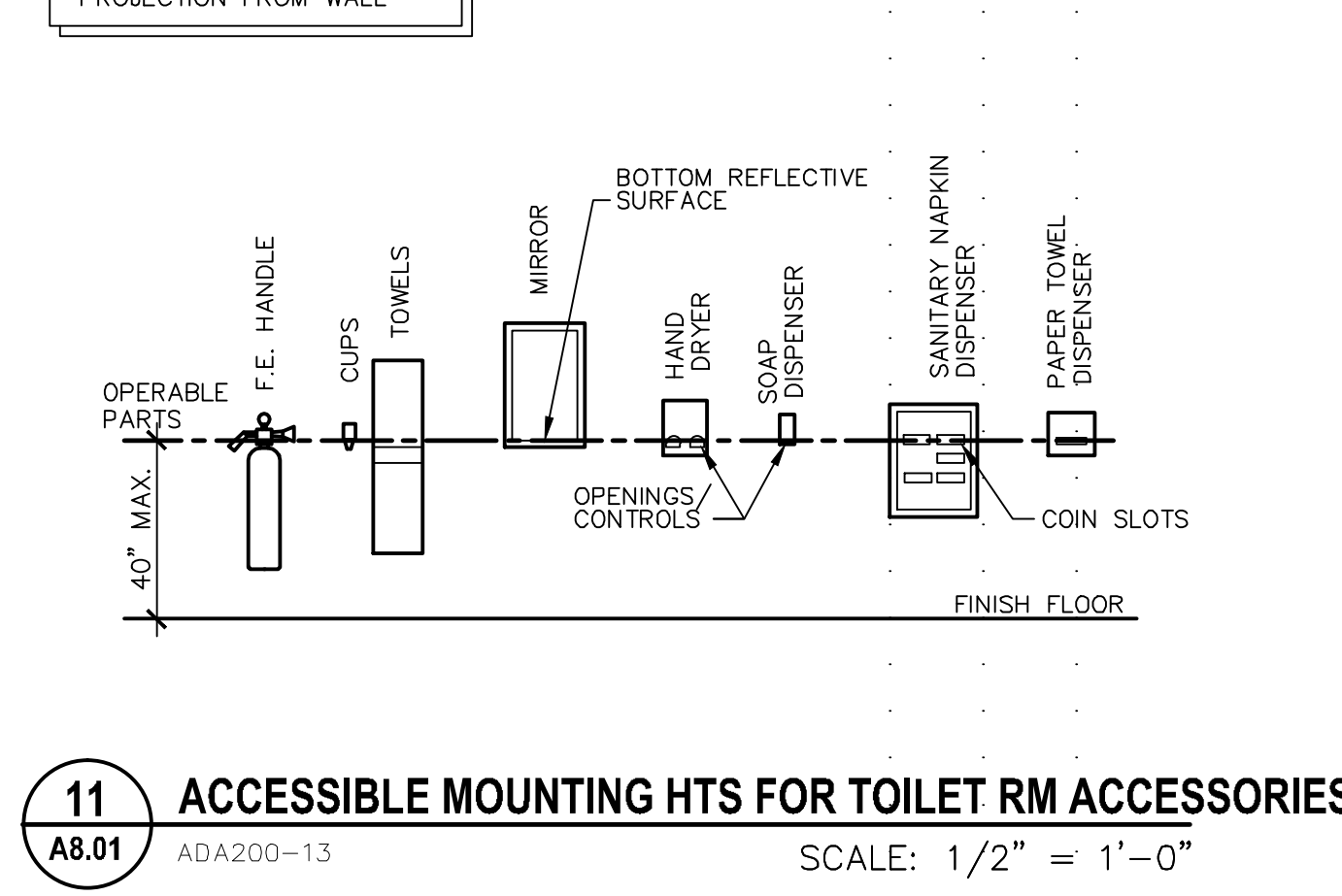
6 PLASTIC LAMINATE COUNTERTOP
A8.01 AD1230-05 SCALE: 1 1/2" = 1'-0"



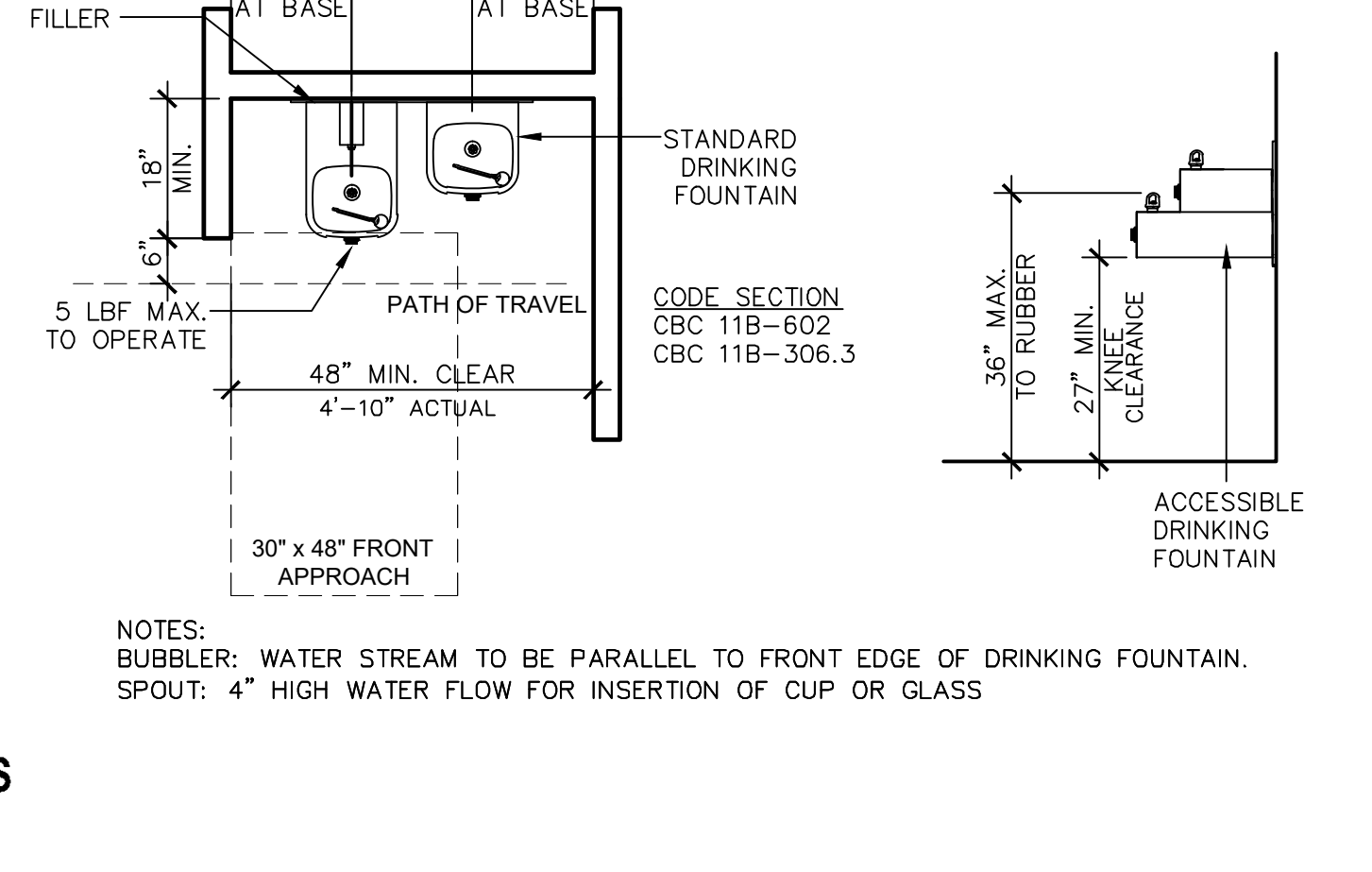
2 ACCESSIBLE RESTROOM SIGNAGE
A8.01 ADA000-01 SCALE: 1' = 1'-0"



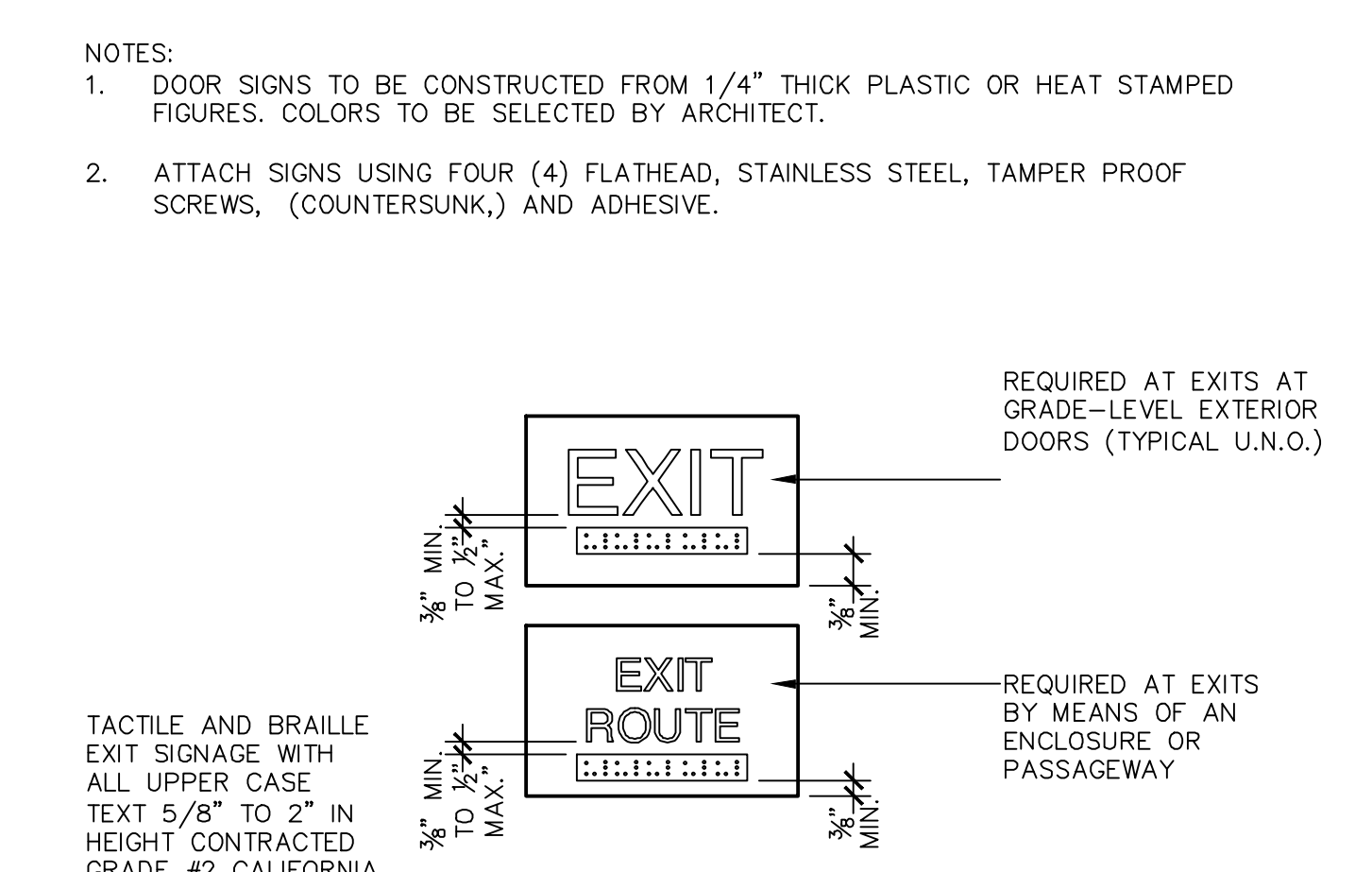
16 RECEPTION / CIRCULATION COUNTER
A8.01 AD1244-09 SCALE: 1" = 1'-0"



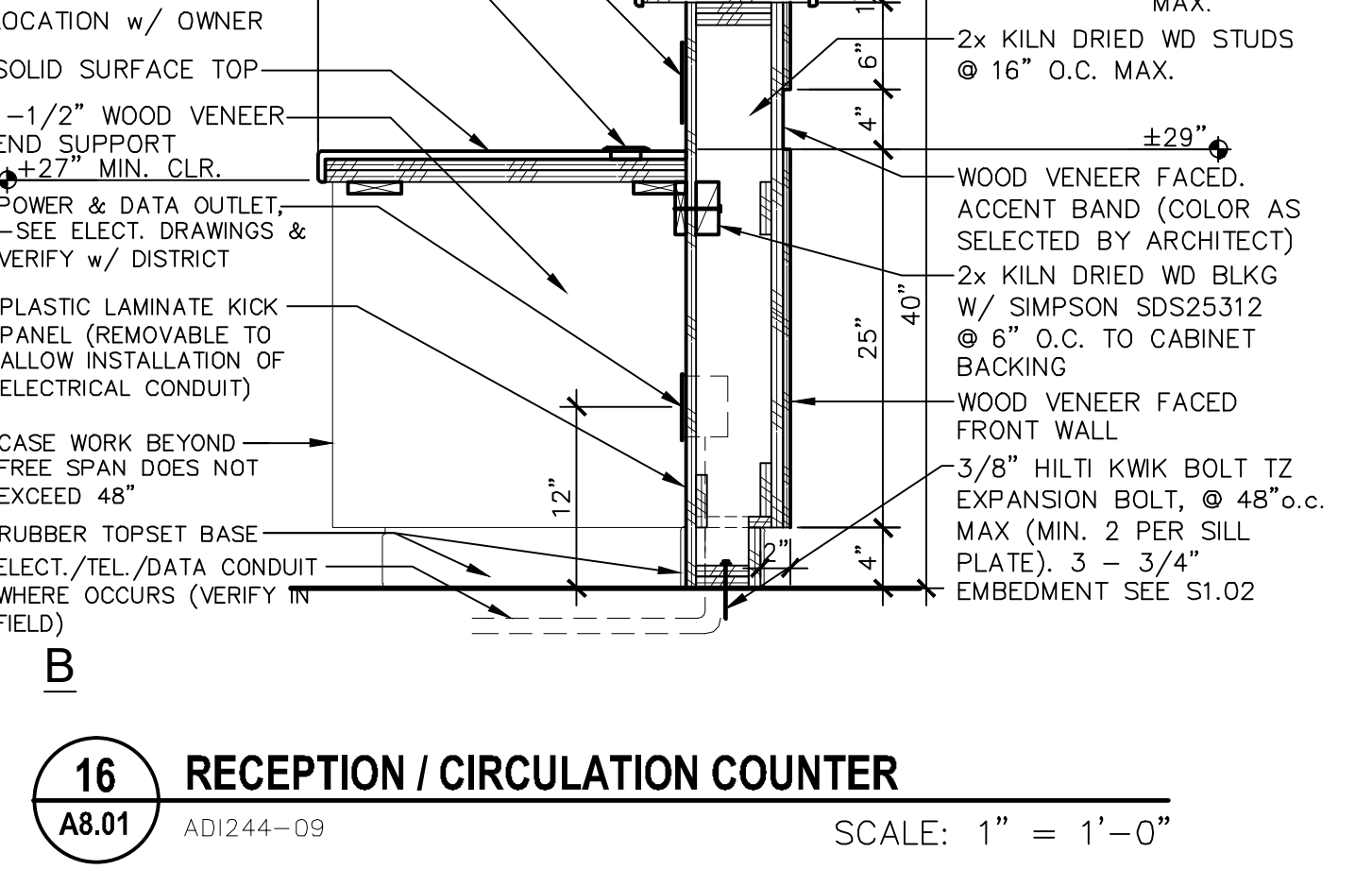
11 ACCESSIBLE MOUNTING HTS FOR TOILET RM ACCESSORIES
A8.01 ADA200-13 SCALE: 1/2" = 1'-0"



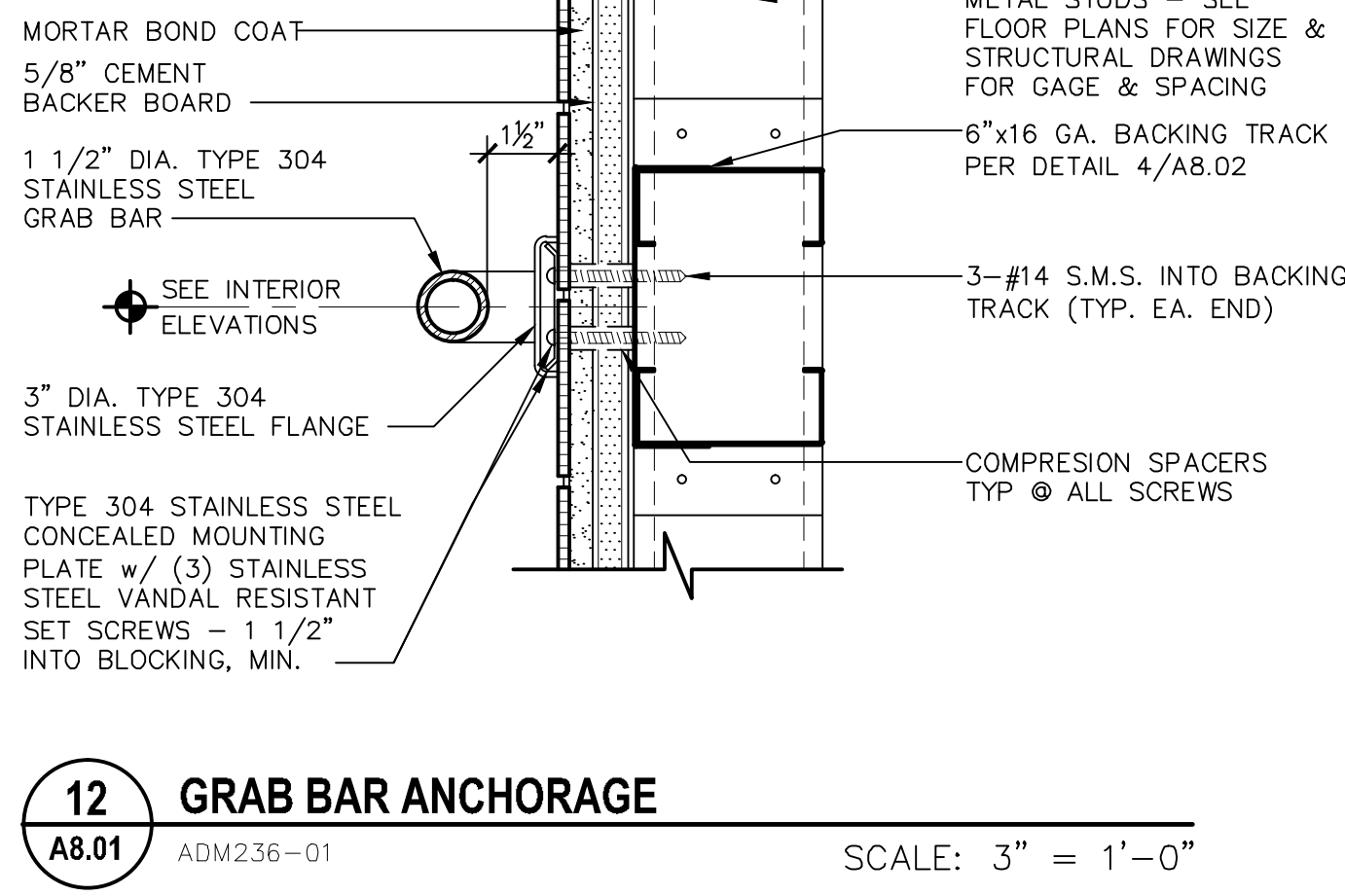
8 HI-LOW DRINKING FOUNTAIN
A8.01 ADA000-12 SCALE: 1' = 1'-0"



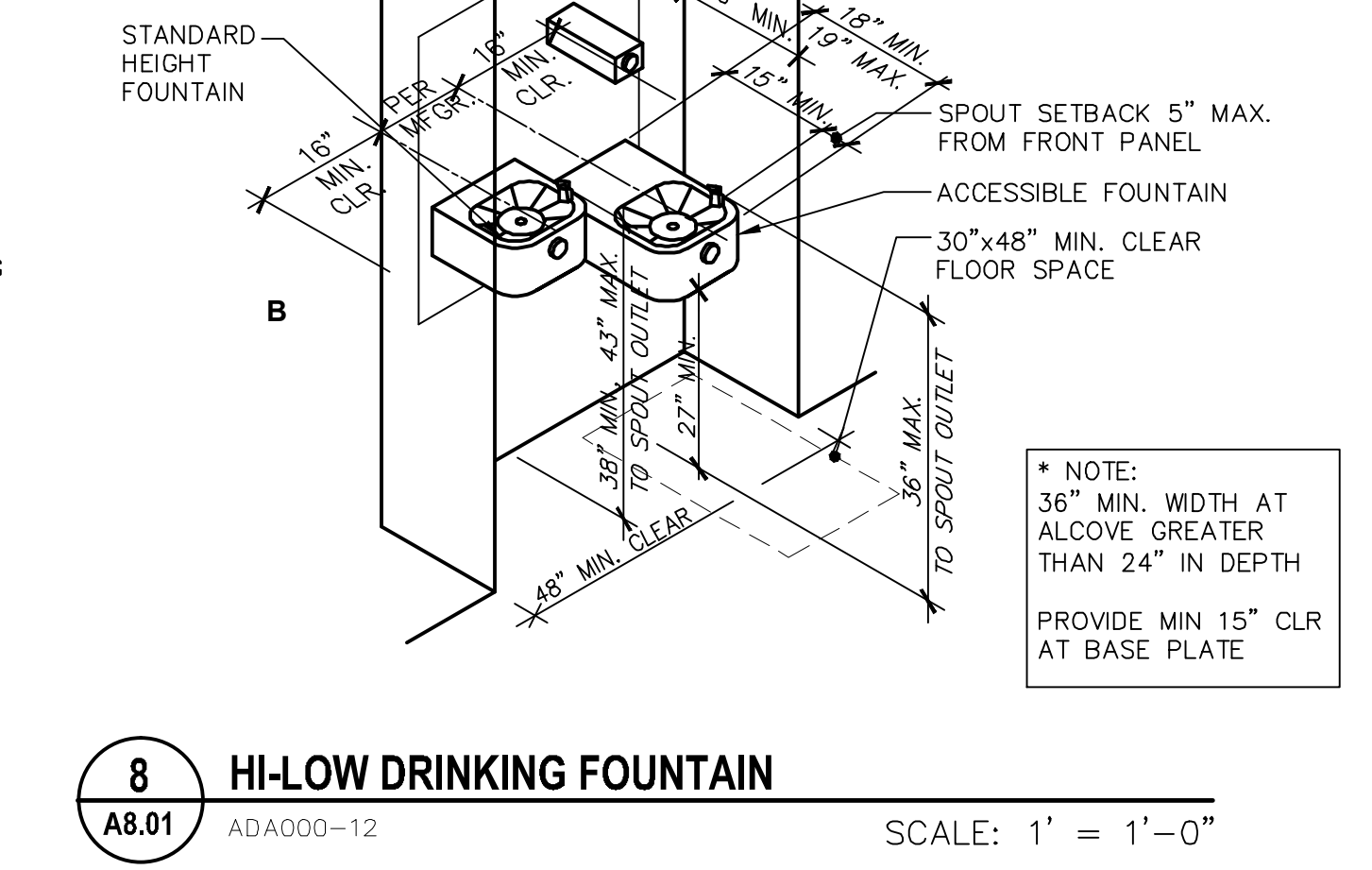
4 TYPICAL EXIT SIGNAGE
A8.01 ADX200-01 SCALE: 3/8" = 1'-0"



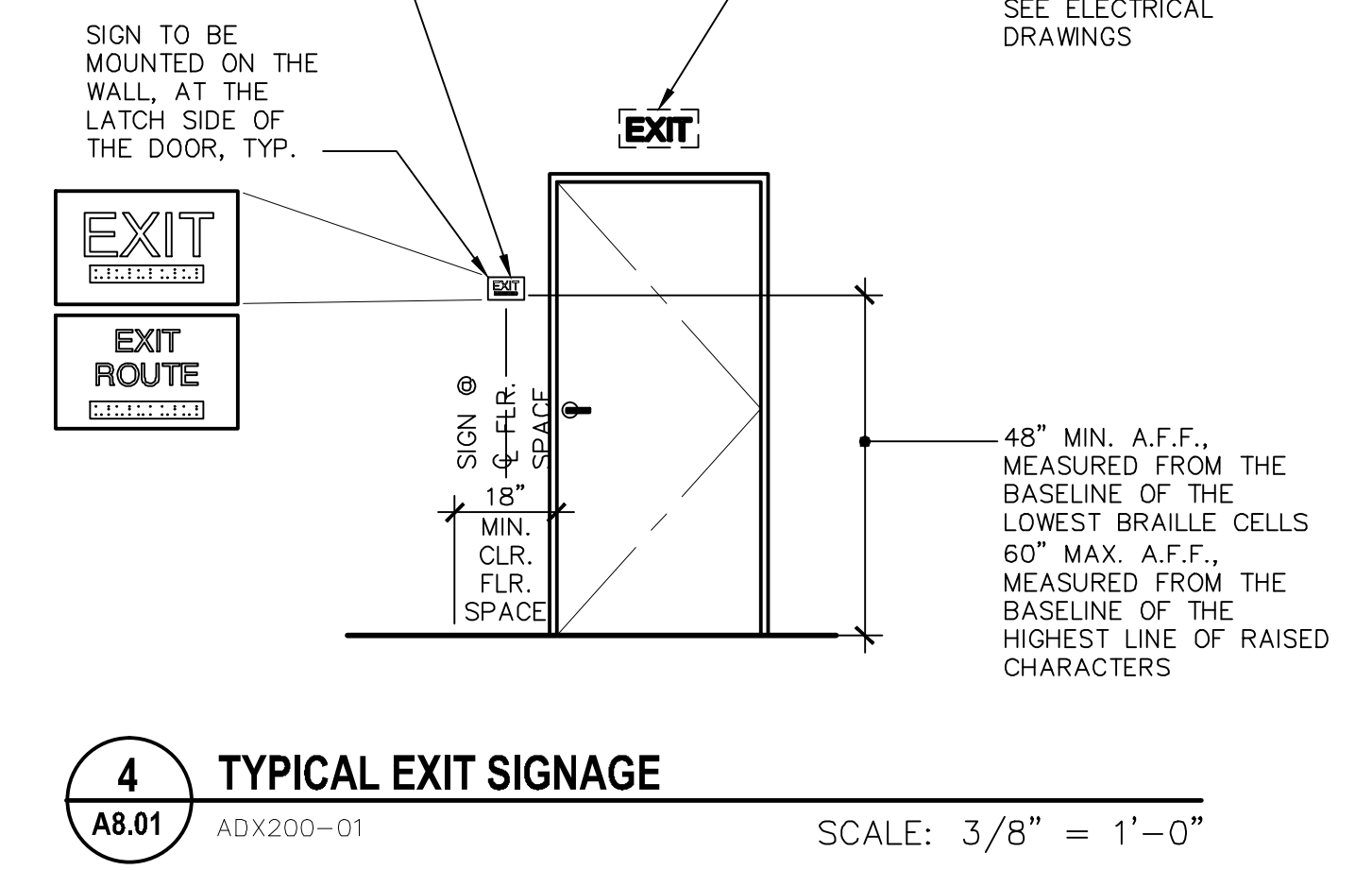
12 GRAB BAR ANCHORAGE
A8.01 ADM236-01 SCALE: 3" = 1'-0"



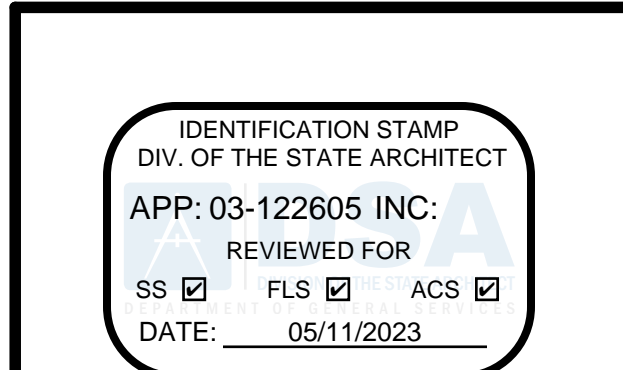
12 GRAB BAR ANCHORAGE
A8.01 ADM236-01 SCALE: 3" = 1'-0"



8 HI-LOW DRINKING FOUNTAIN
A8.01 ADA000-12 SCALE: 1' = 1'-0"



4 TYPICAL EXIT SIGNAGE
A8.01 ADX200-01 SCALE: 3/8" = 1'-0"



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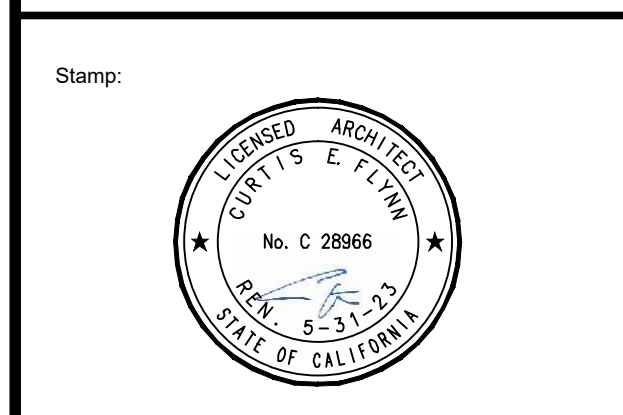
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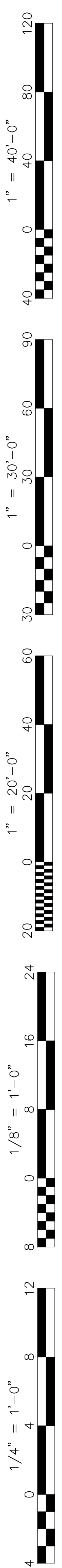
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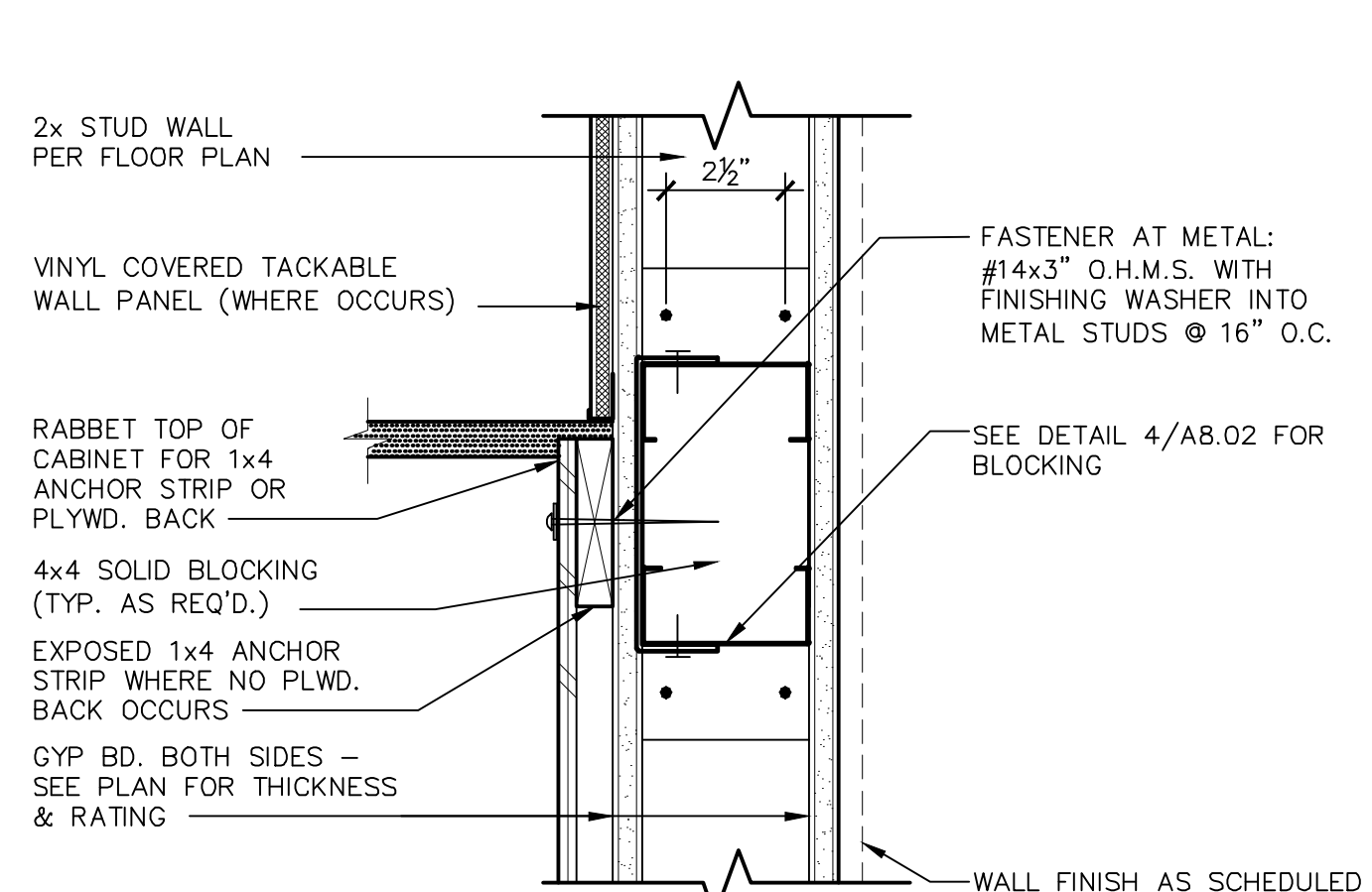
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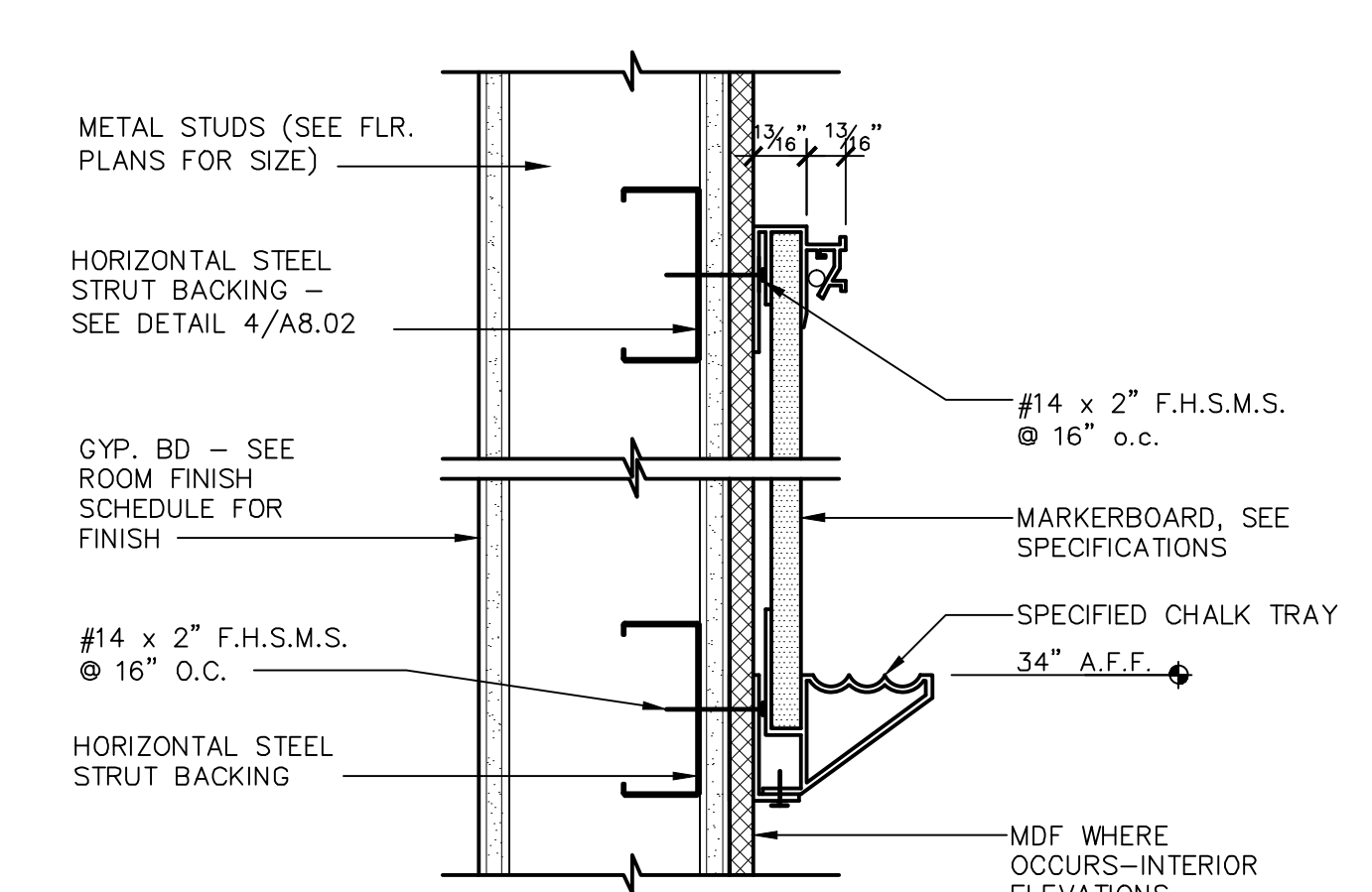
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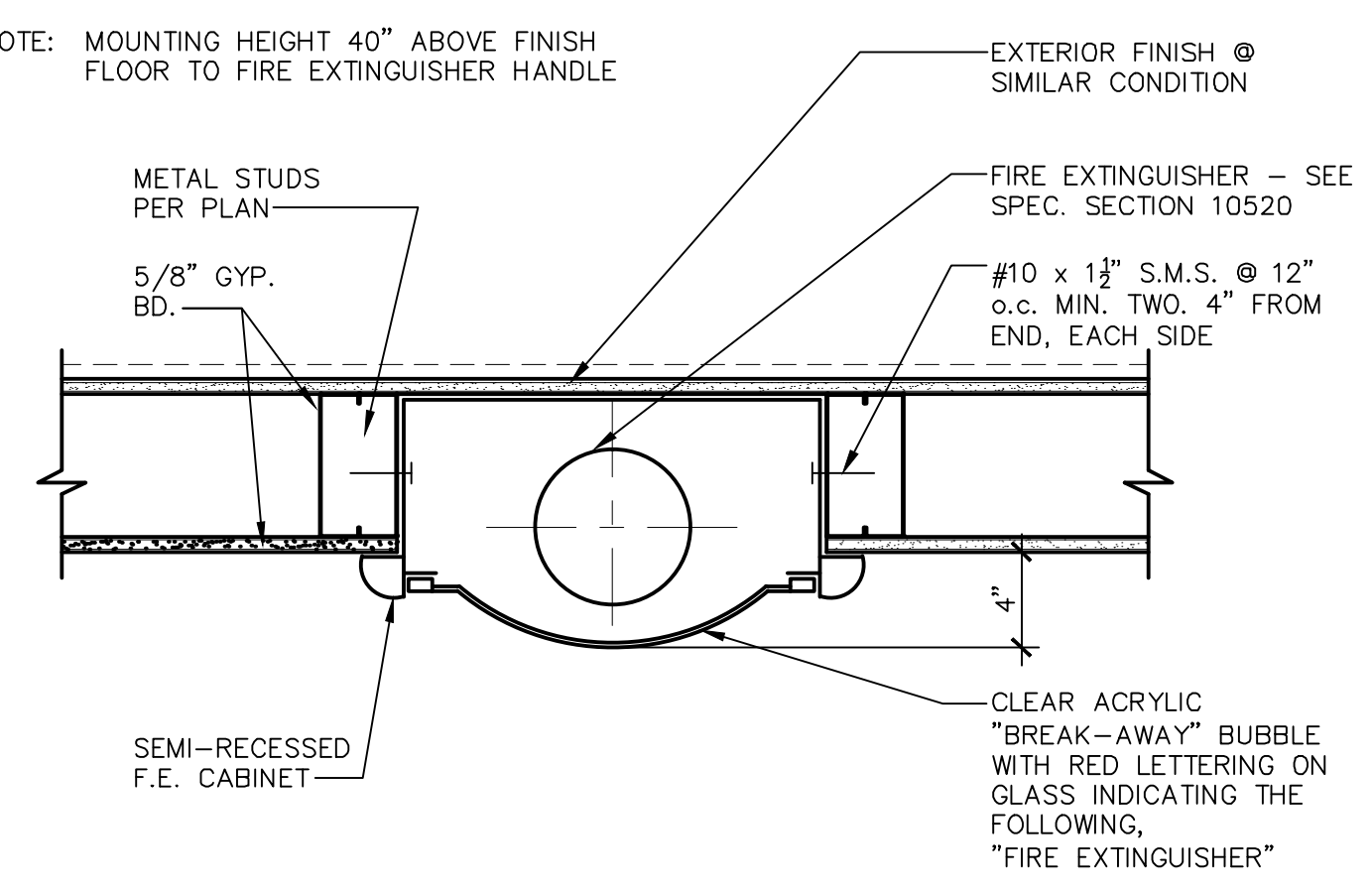
13 WALL CABINET TOP ANCHOR DETAIL
 A8.02 ADI244-03 SCALE: 3" = 1'-0"



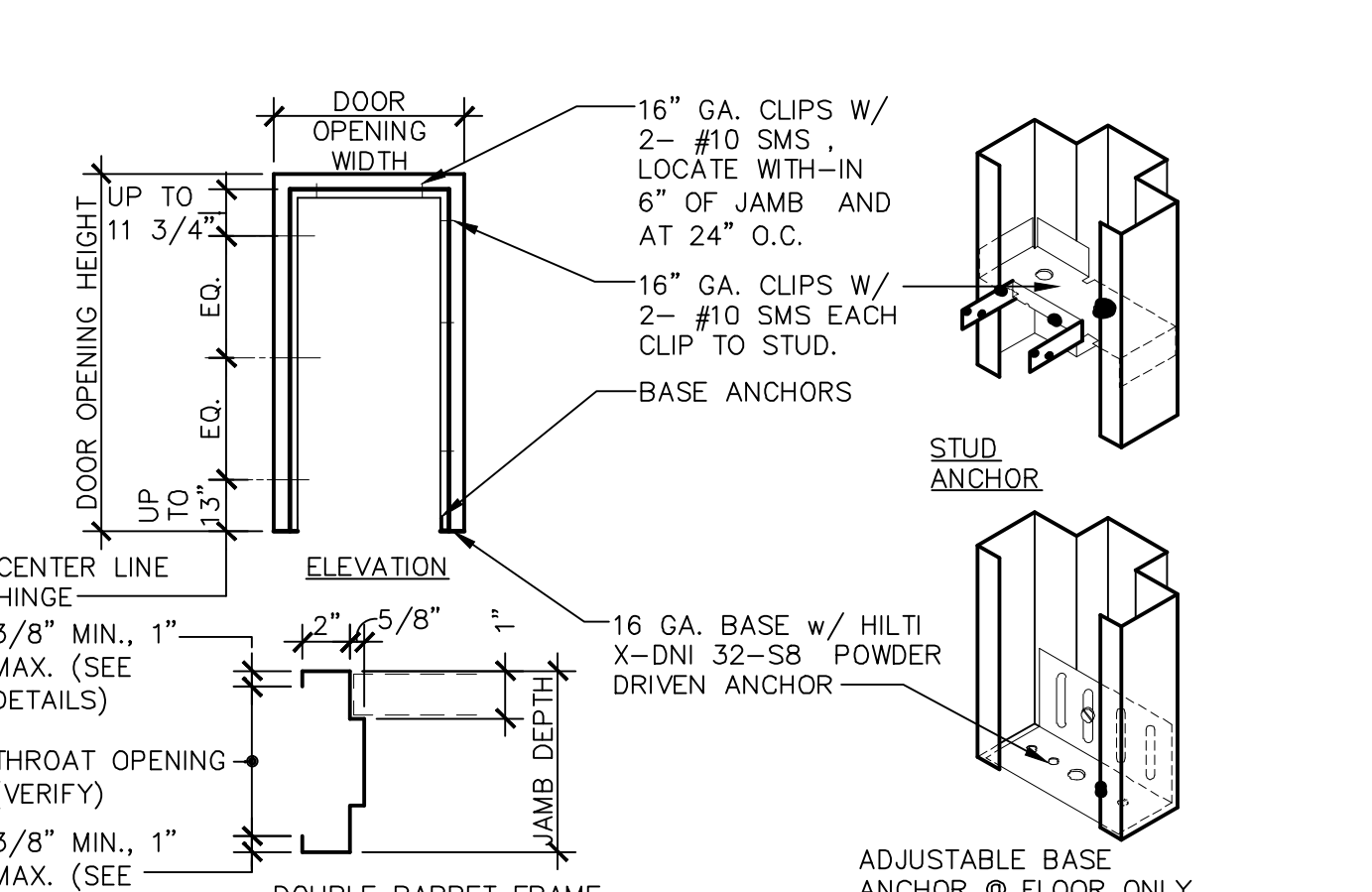
9 MARKERBOARD ANCHORAGE
 A8.02 ADI234-01 SCALE: 3" = 1'-0"



5 SEMI-RECESSED F.E. CABINET @ NON-RATED WALLS
 A8.02 ADW234-06 SCALE: 1 1/2" = 1'-0"



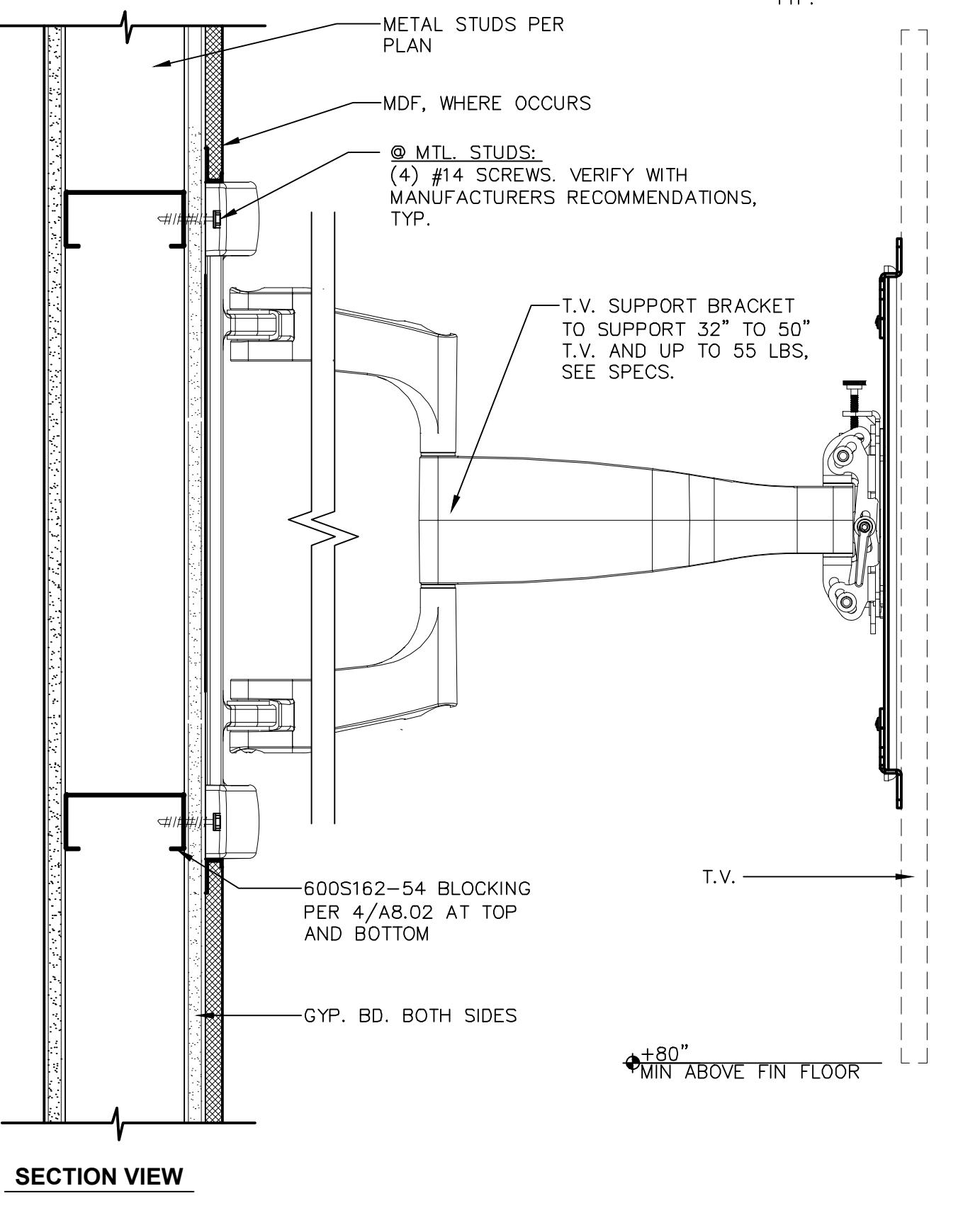
1 TYPICAL DOOR CONNECTION DETAIL
 A8.02 ADD131-05 SCALE: 1/4" = 1'-0"



14 WALL CABINET BOTTOM ANCHOR DETAIL
 A8.02 ADI244-04 SCALE: 3" = 1'-0"

10 INTERIOR HOLLOW METAL WINDOW HEAD
 A8.02 ADG230-01 SCALE: 3" = 1'-0"

ELEVATION AT WALL BRACKET



2 INTERIOR HOLLOW METAL DOOR HEAD
 A8.02 ADD230-03 SCALE: 3" = 1'-0"

15 BASE CABINET COUNTER TOP DETAIL
 A8.02 ADI244-05 SCALE: 3" = 1'-0"

11 INTERIOR WINDOW SILL (JAMB SIM.)
 A8.02 ADG230-03 SCALE: 3" = 1'-0"

16 BASE ANCHORAGE
 A8.02 ADI244-06 SCALE: 3" = 1'-0"

12 CABINET SECTIONS
 A8.02 ADI244-02 SCALE: 3" = 1'-0"

8 FLAT PANEL T.V. SUPPORT
 A8.02 ADM234-01 SCALE: 3" = 1'-0"

3 INTERIOR HOLLOW METAL DOOR JAMB
 A8.02 ADD230-04 SCALE: 3" = 1'-0"

4 SOLID BLOCKING FRAMING ELEV. @ METAL STUDS
 A8.02 ADB230-02 SCALE: 3/4" = 1'-0"

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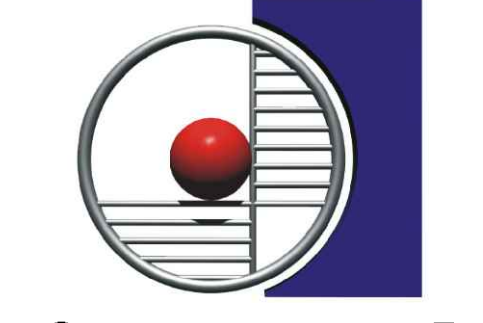


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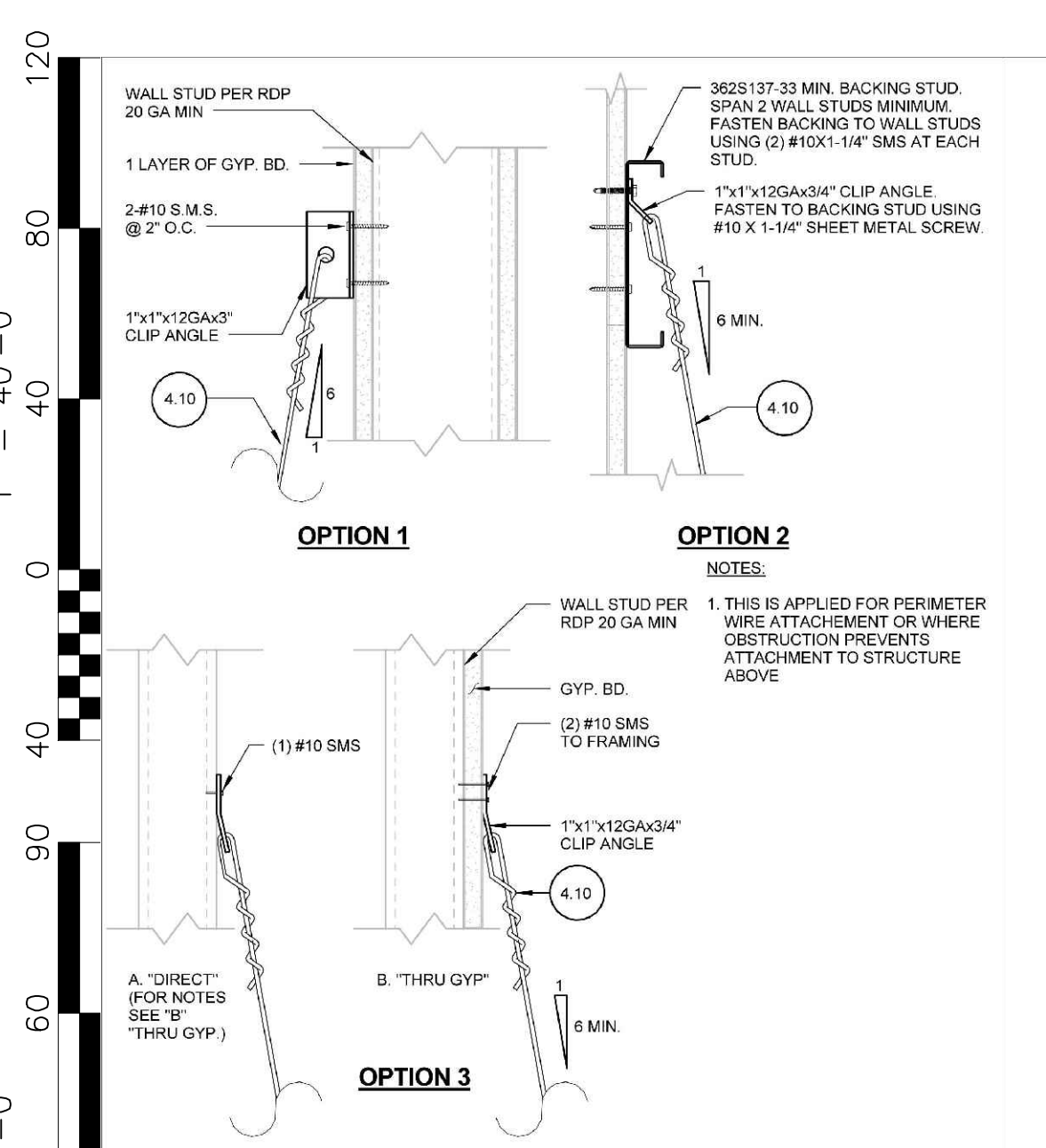
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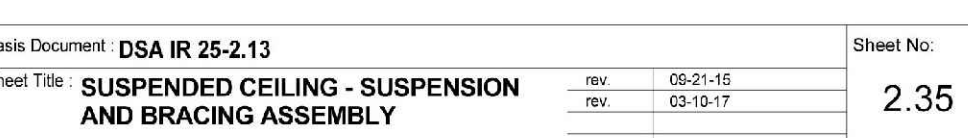
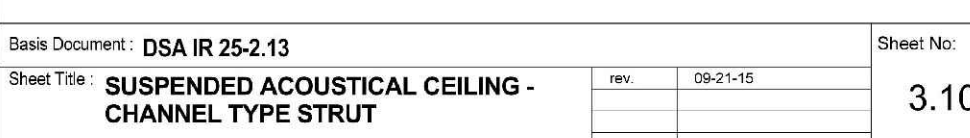
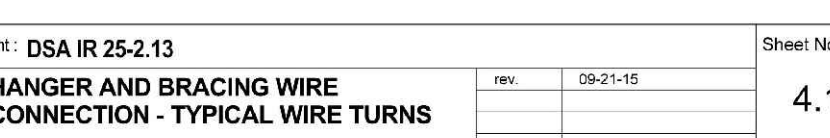
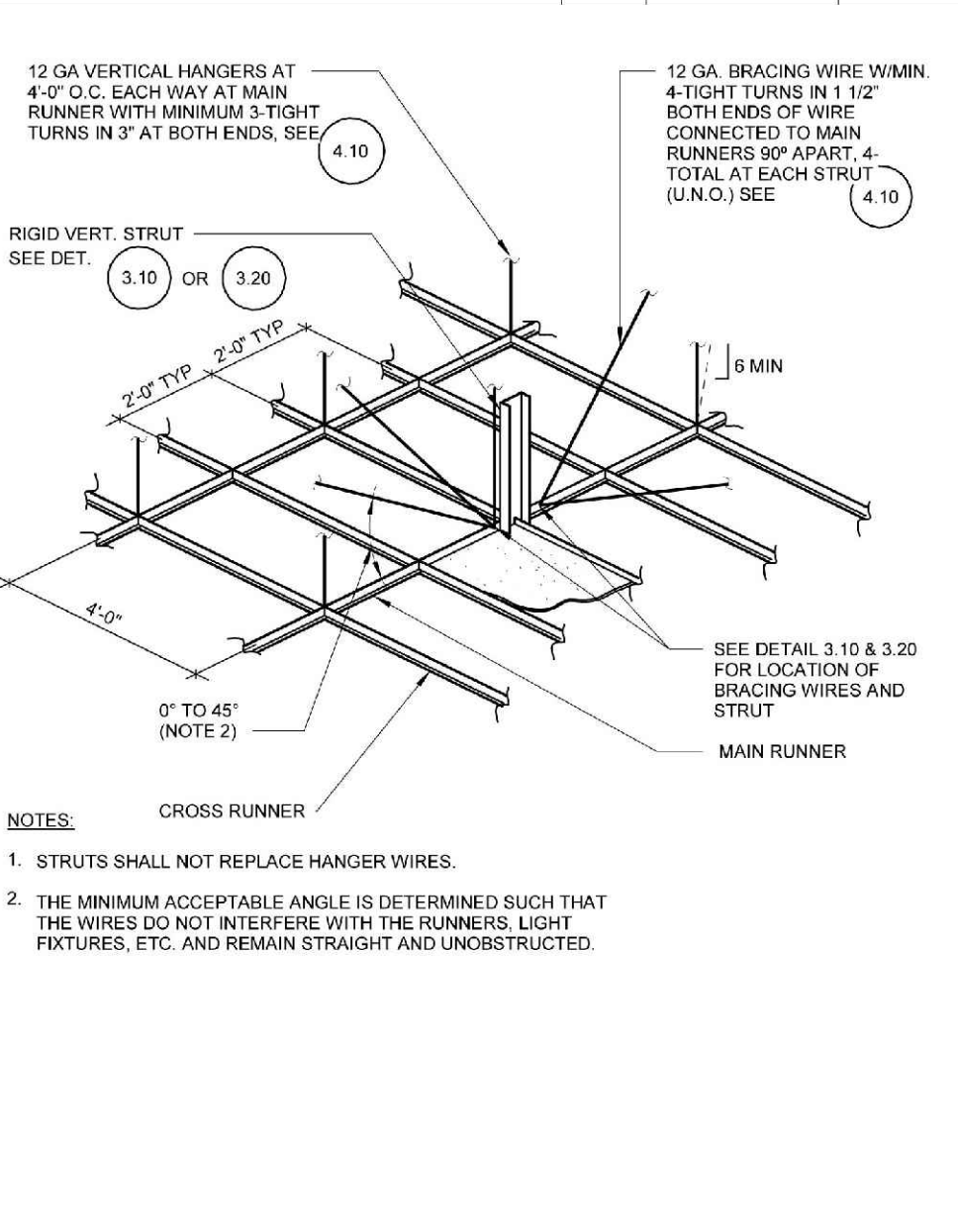
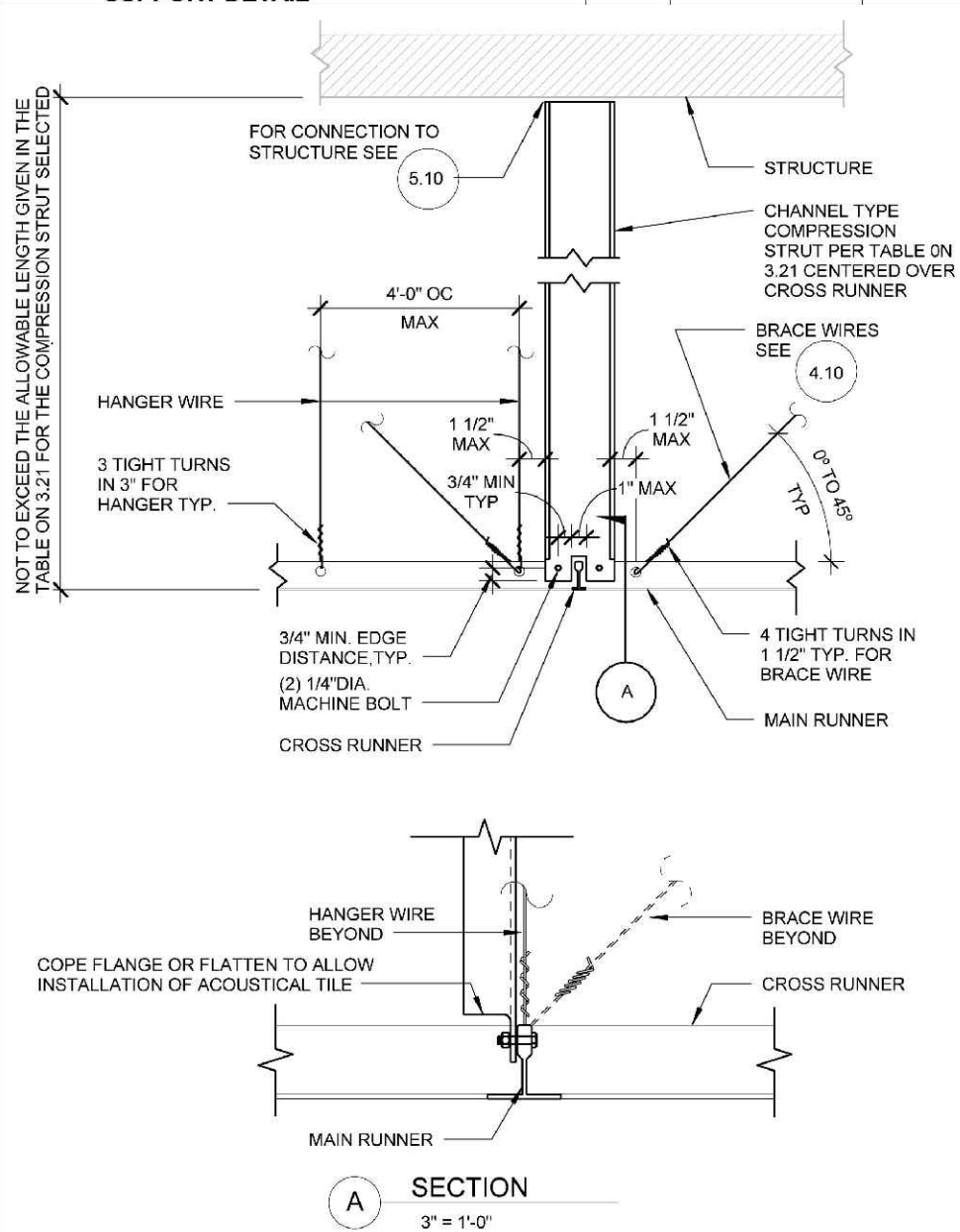
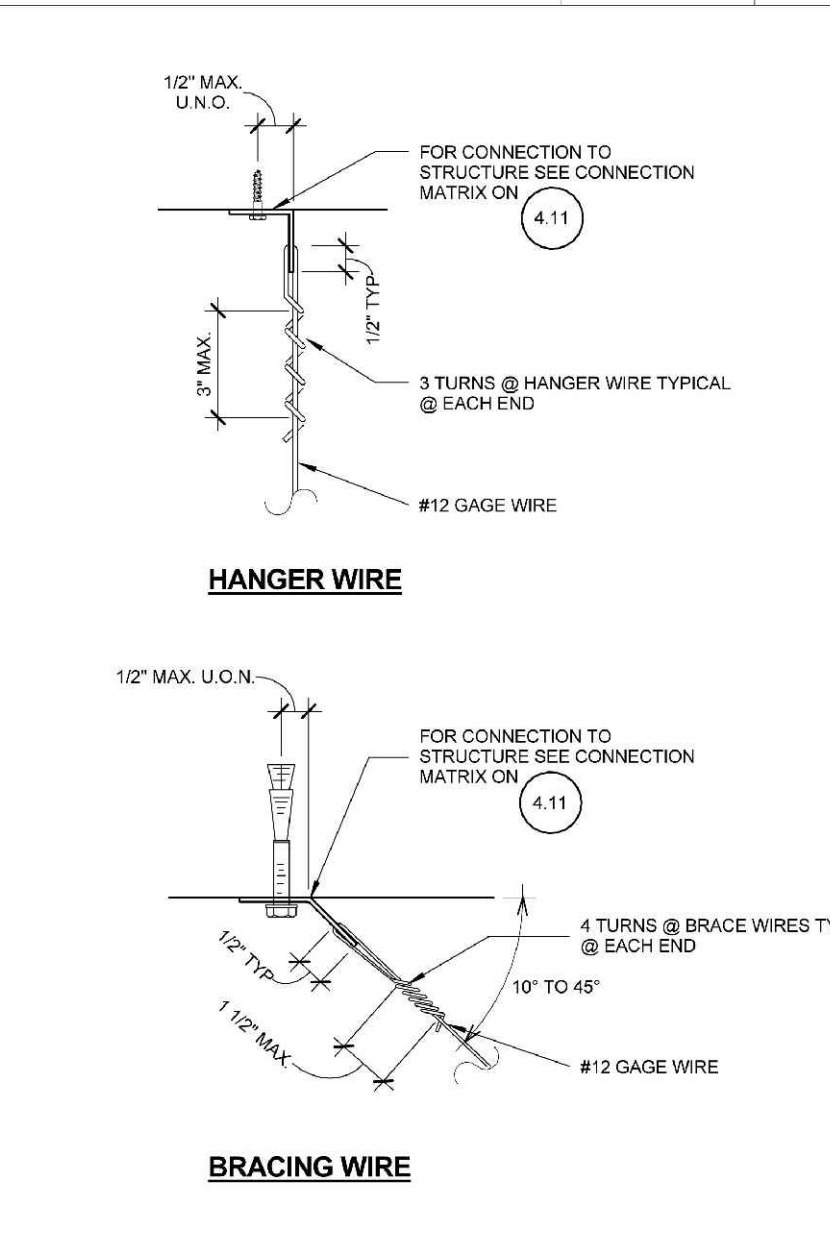
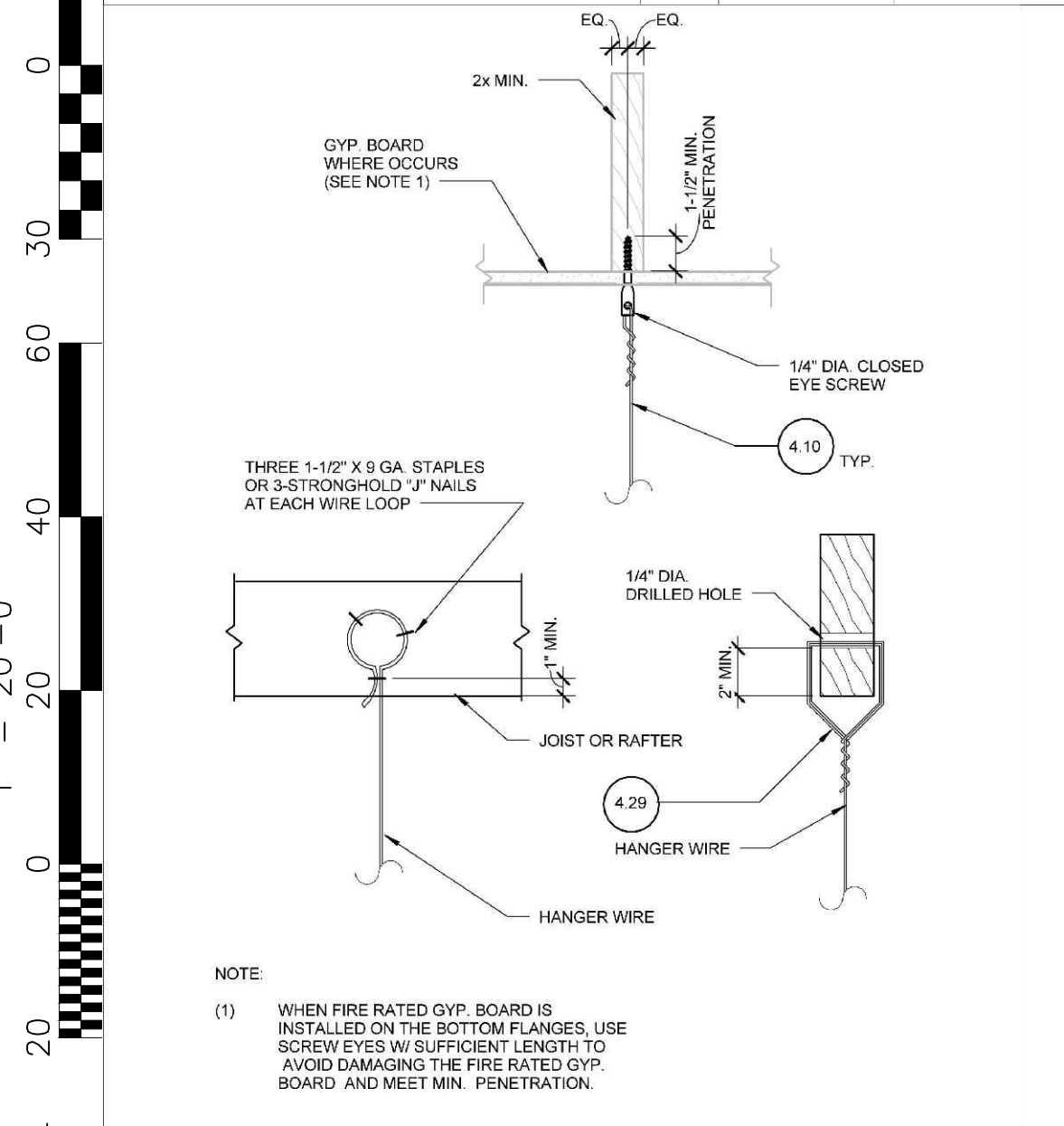
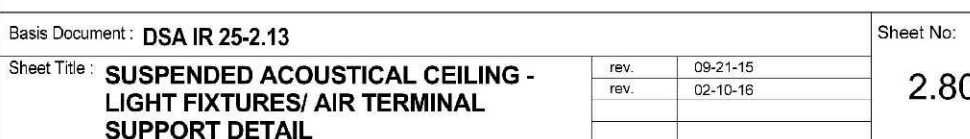
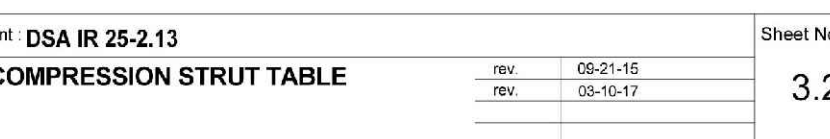
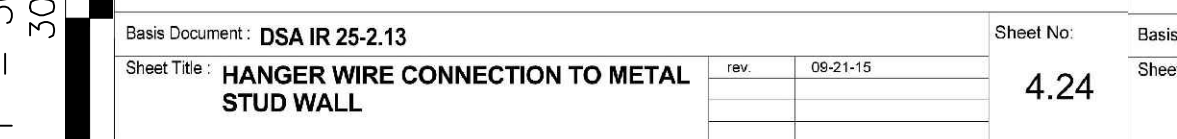
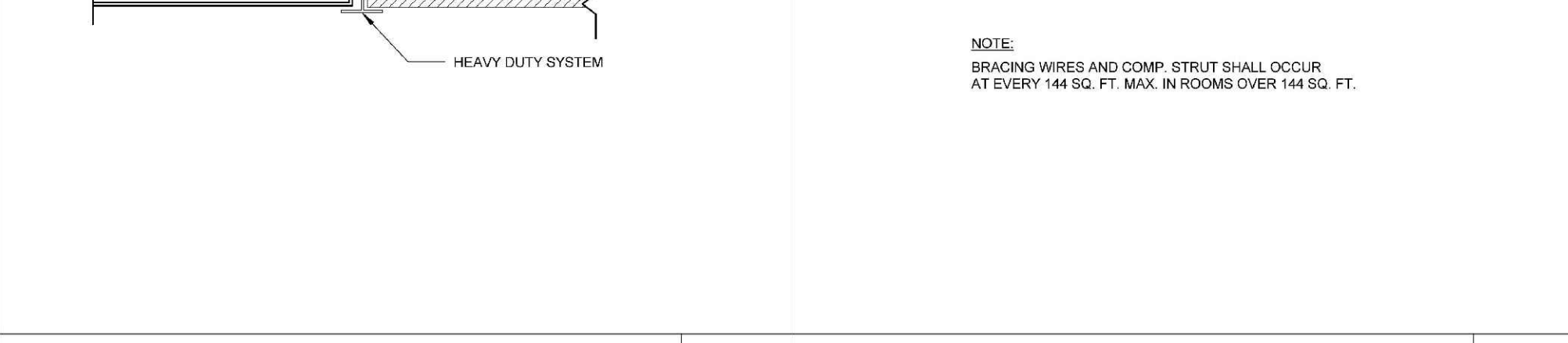
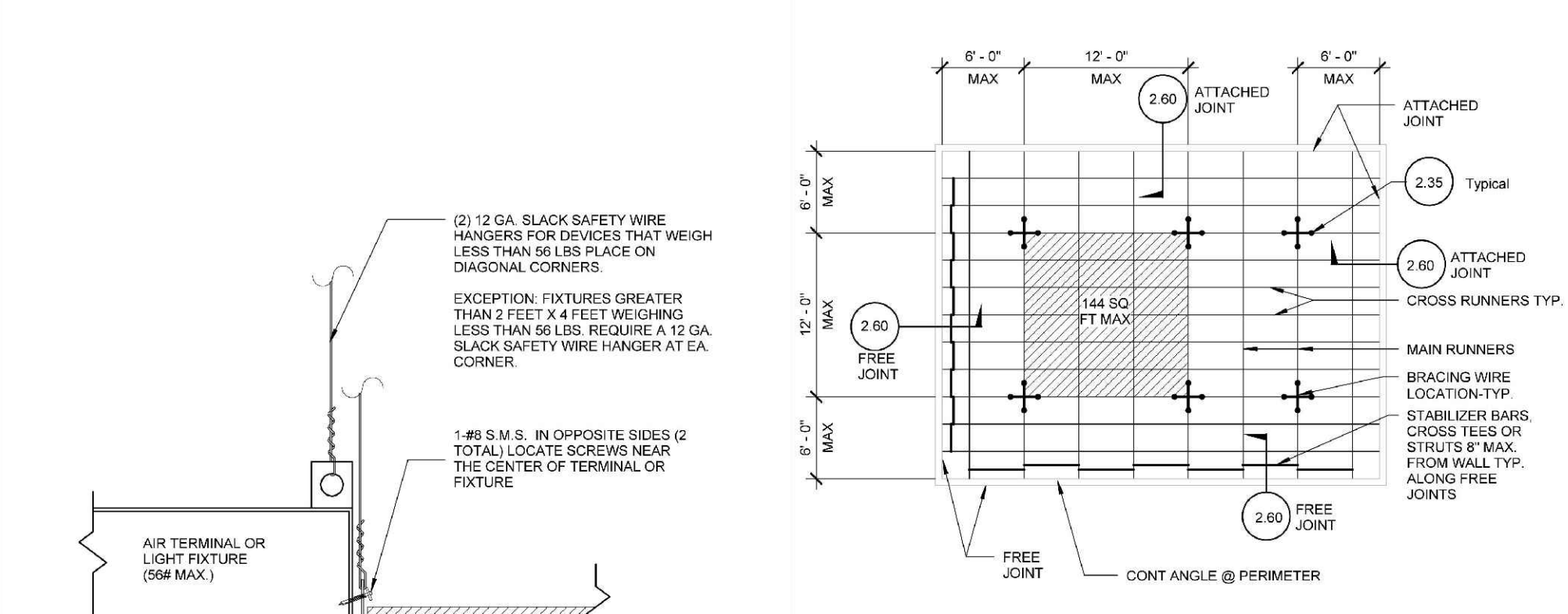


COMPRESSION STRUT TABLE

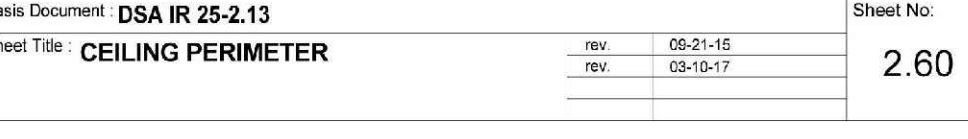
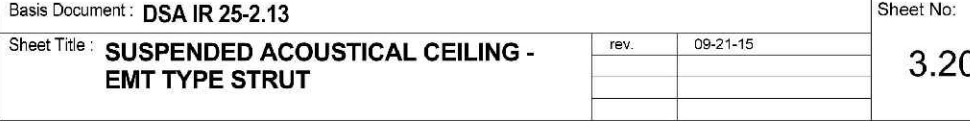
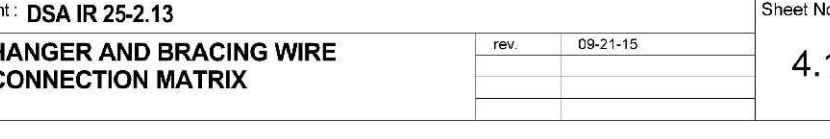
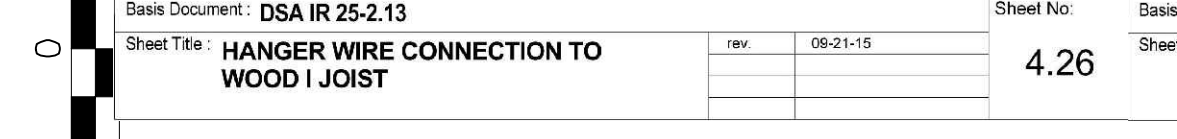
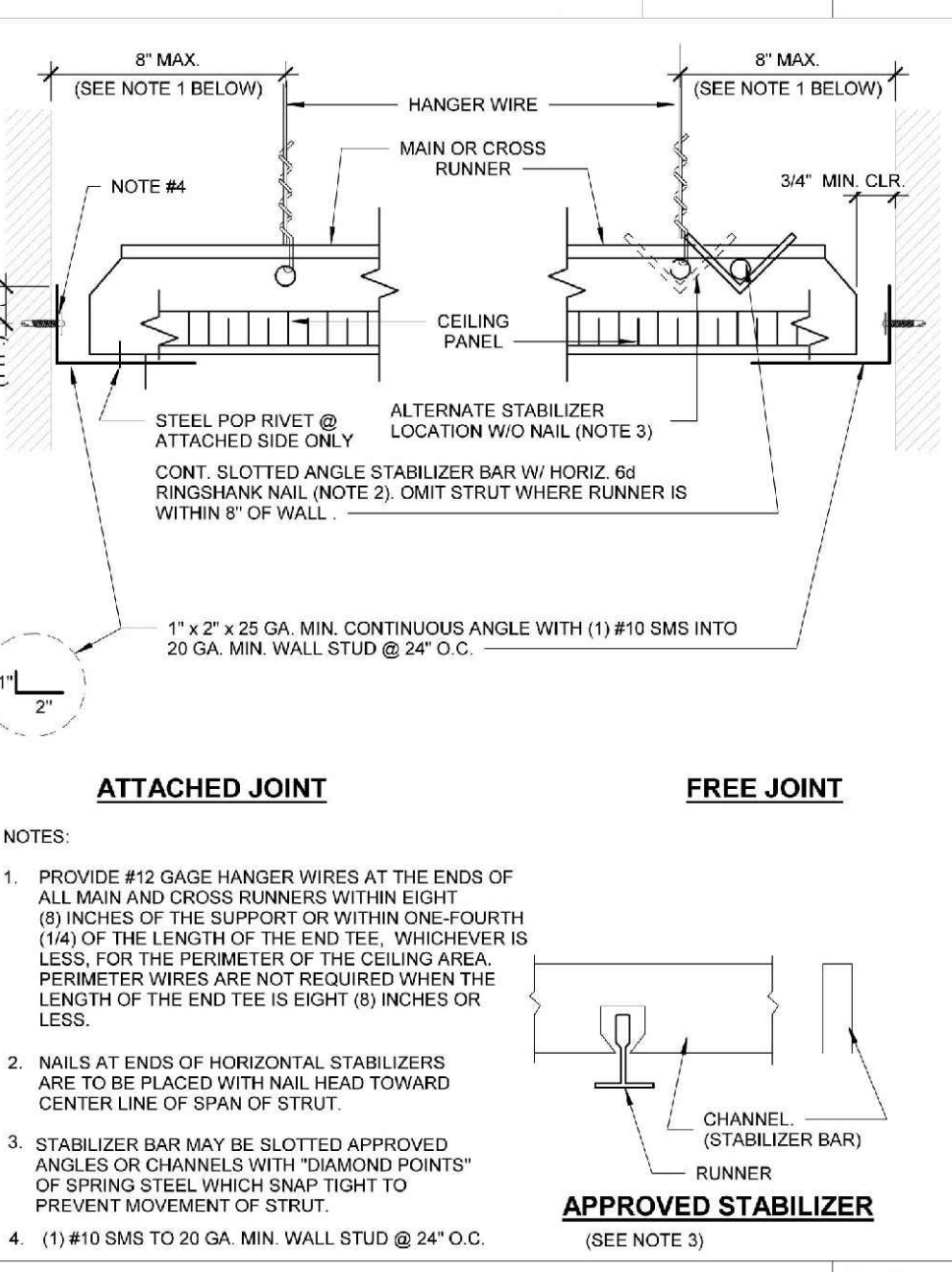
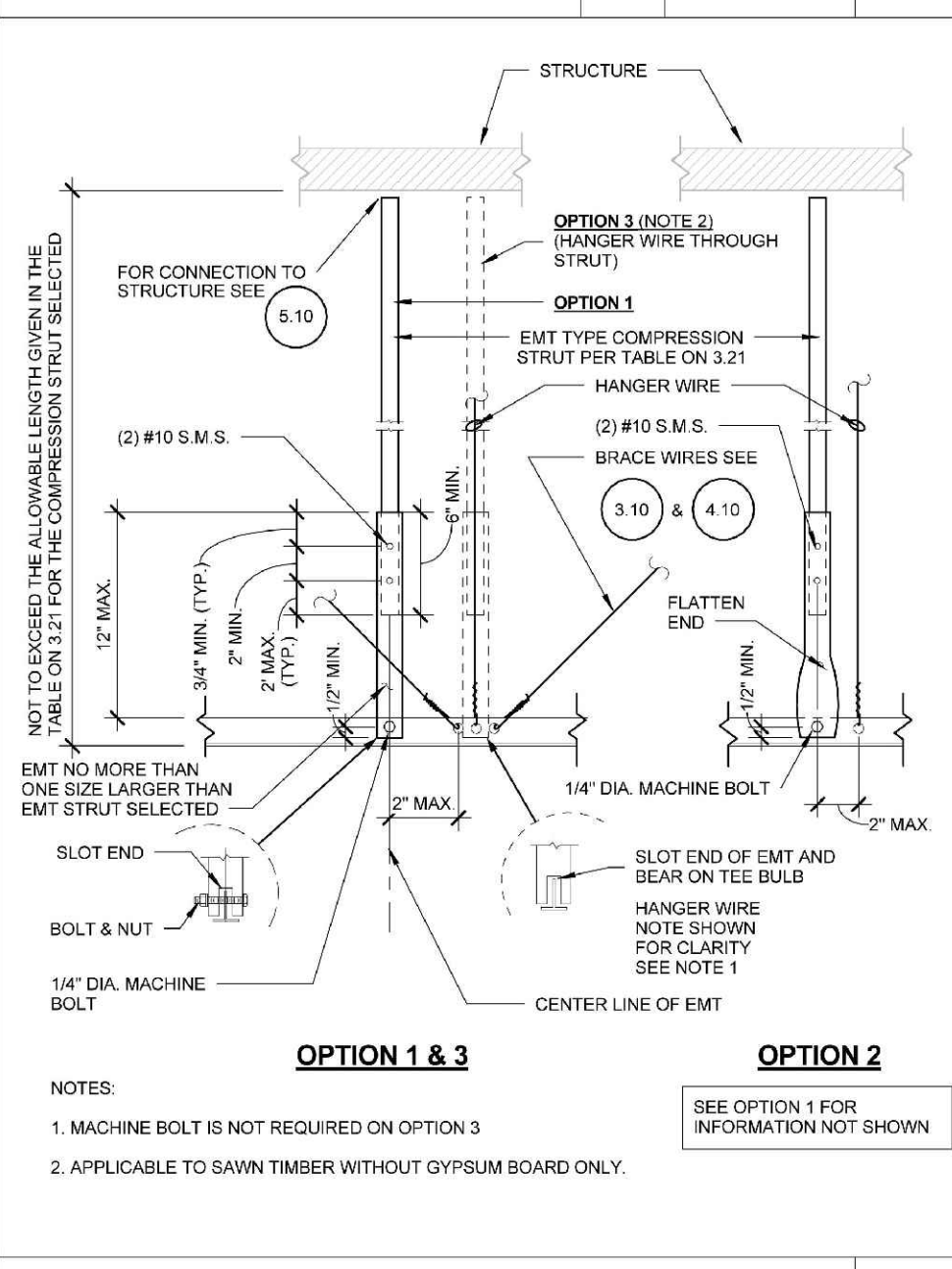
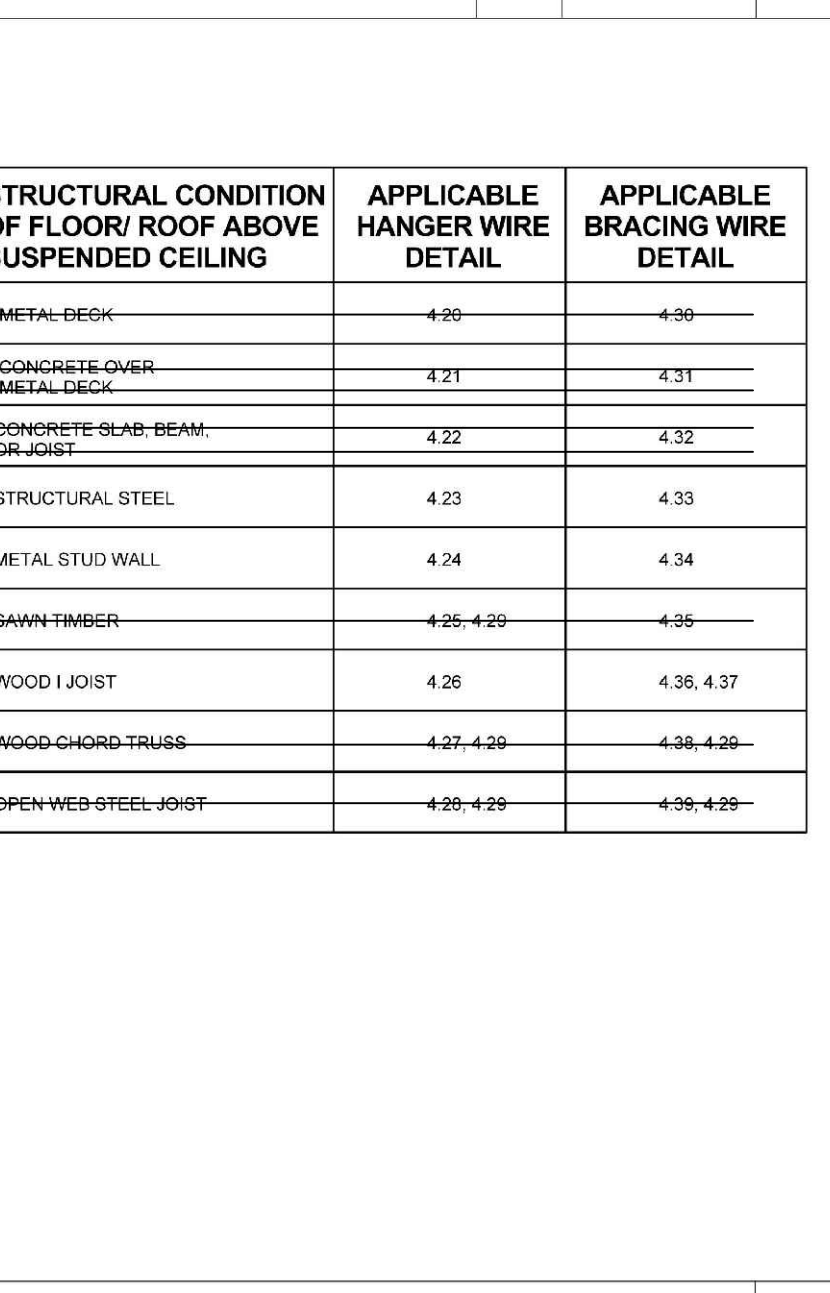
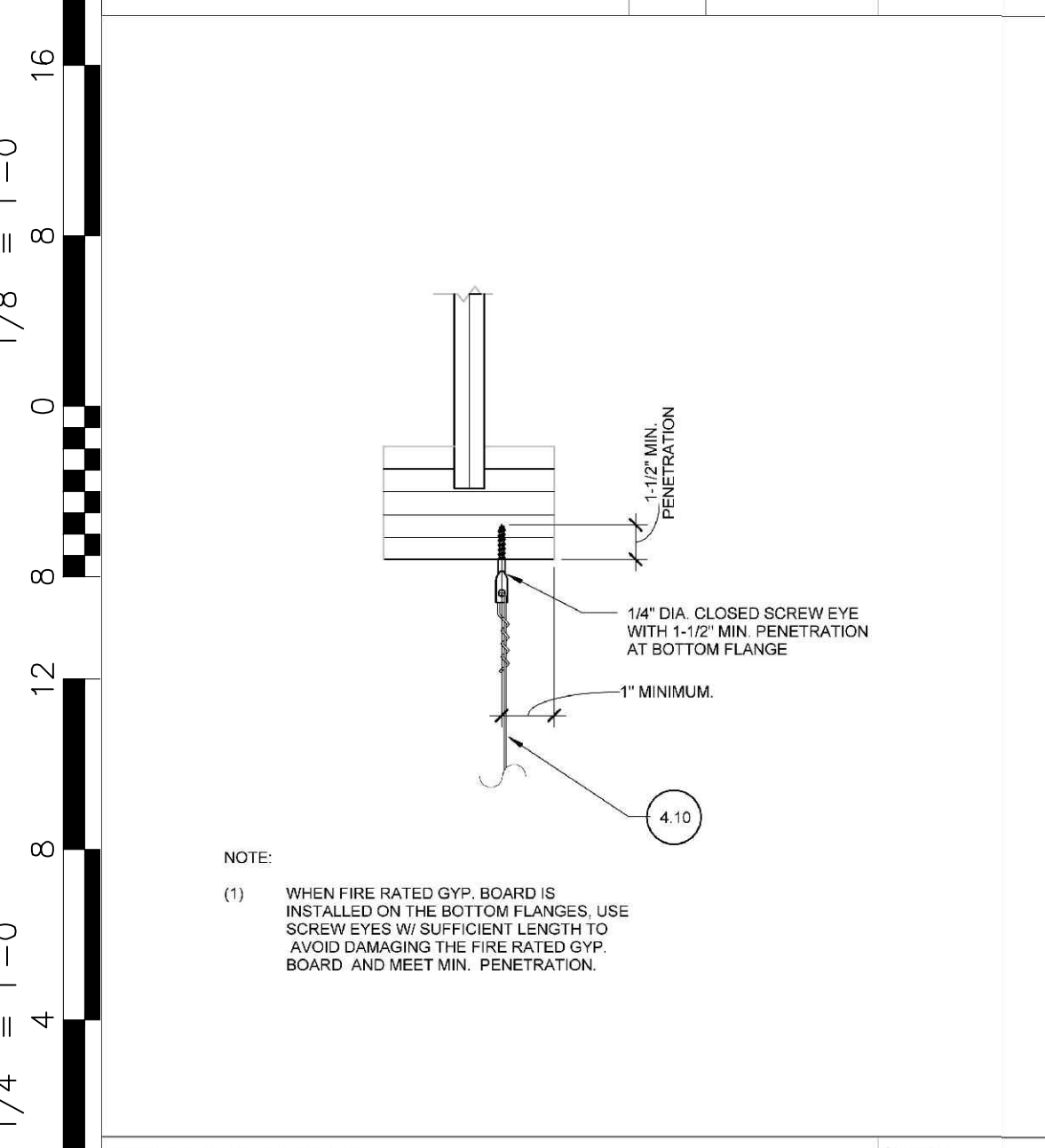
EMT COMPRESSION STRUT	MAXIMUM LENGTH
1/2" DIAMETER EMT (0.042" WALL THICKNESS)	3'-11"
3/4" DIAMETER EMT (0.049" WALL THICKNESS)	6'-4"
1" DIAMETER EMT (0.057" WALL THICKNESS)	9'-9"
1 1/4" DIAMETER EMT (0.065" WALL THICKNESS)	12'-0"
1 1/2" DIAMETER EMT (0.065" WALL THICKNESS)	14'-0"
2" DIAMETER EMT (0.065" WALL THICKNESS)	18'-10"

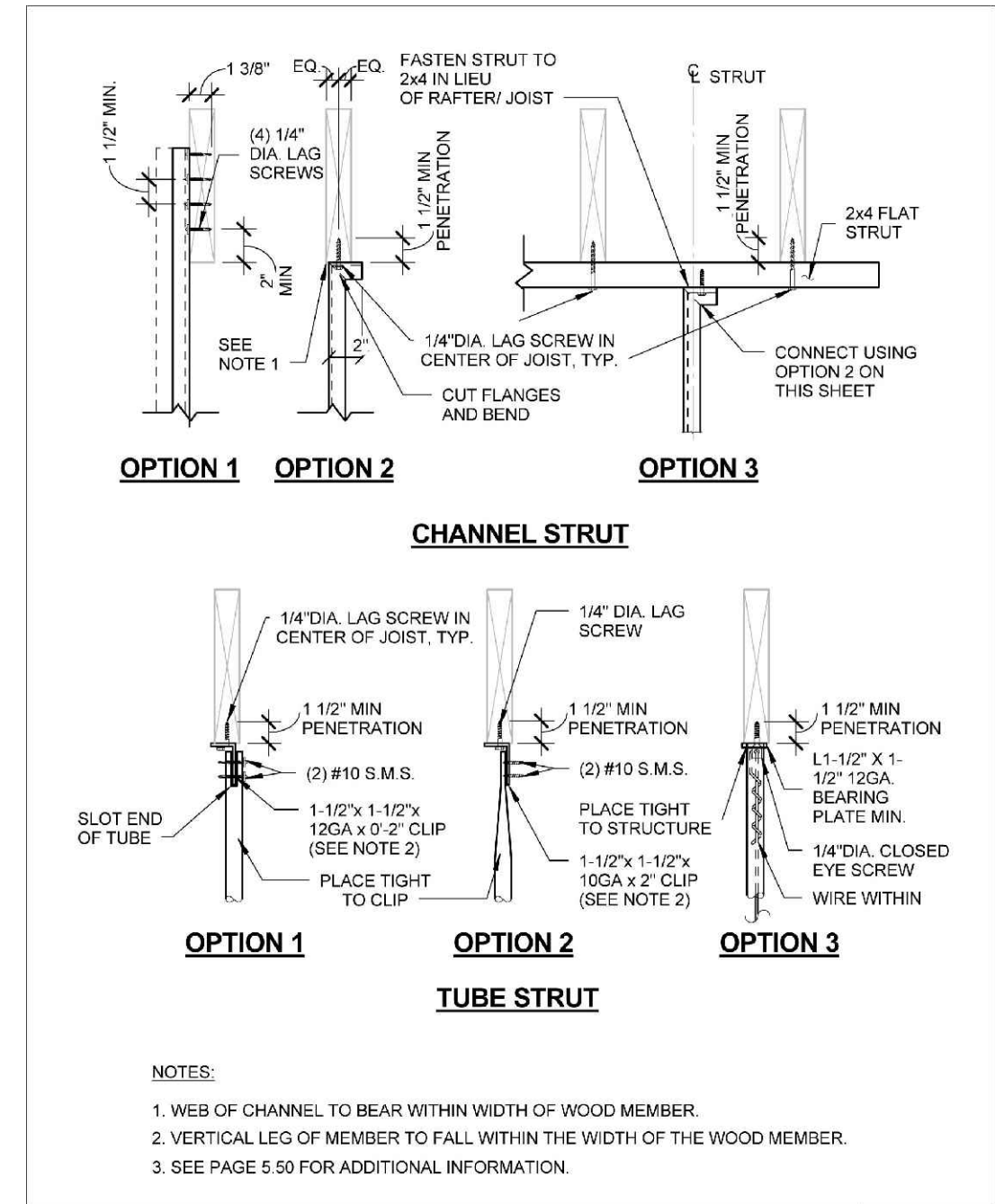
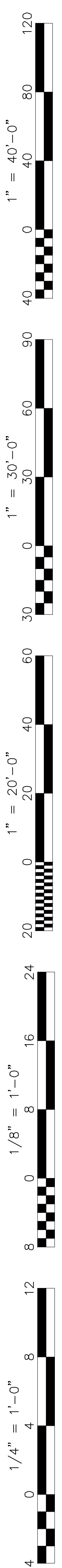
CHANNEL COMPRESSION STRUT

CHANNEL COMPRESSION STRUT	MAXIMUM LENGTH
2505125-33	5'-0"
2505137-33	6'-10"
3625137-33	8'-0"
250137-43	8'-10"
4005137-43	10'-10"

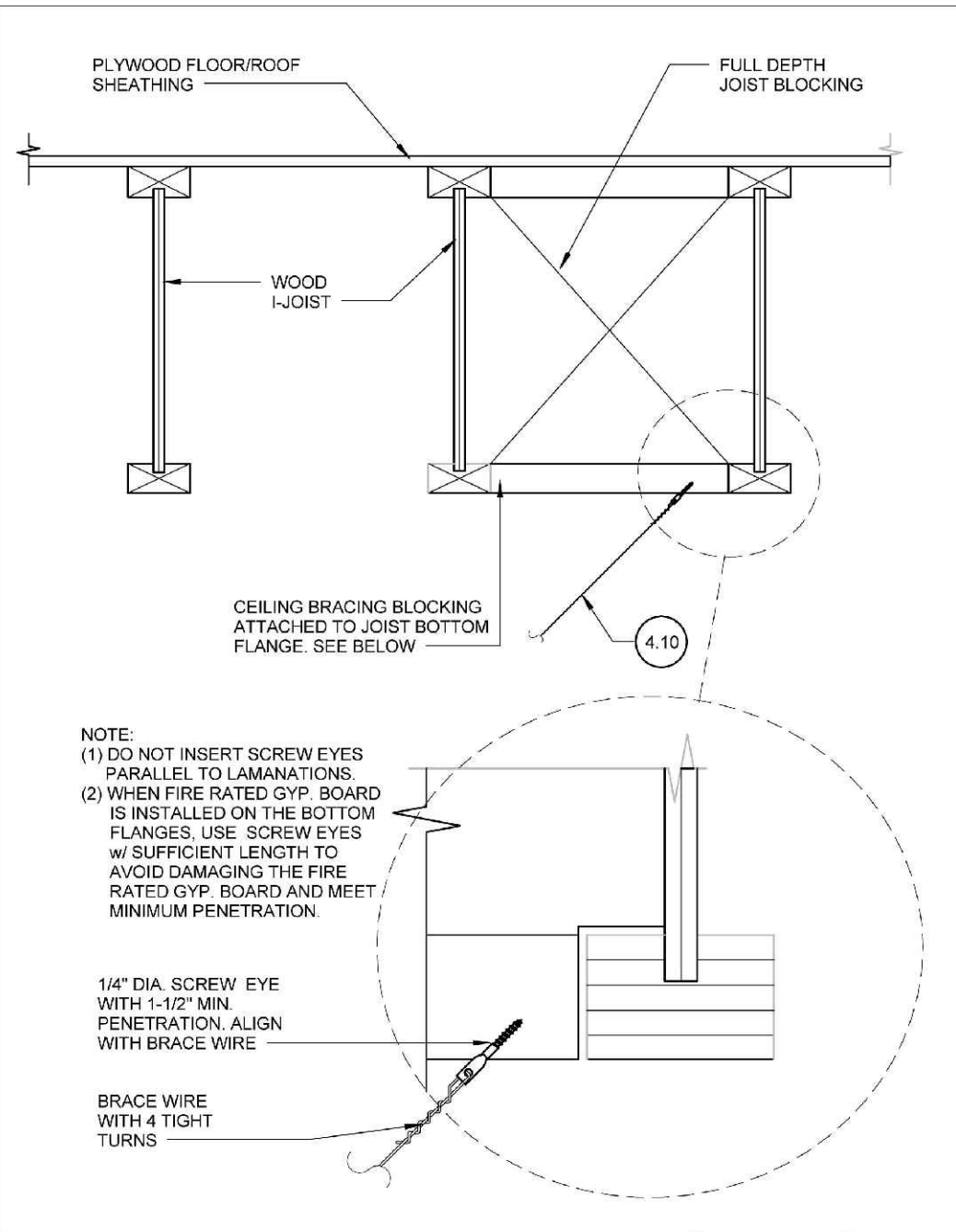


STRUCTURAL CONDITION OF FLOOR/ ROOF ABOVE SUSPENDED CEILING	APPLICABLE HANGER WIRE DETAIL	APPLICABLE BRACING WIRE DETAIL
METAL DECK	4-20	4-30
CONCRETE OVER METAL DECK	4-21	4-31
CONCRETE SLAB BEAM OR JOIST	4-22	4-32
STRUCTURAL STEEL	4-23	4-33
METAL STUD WALL	4-24	4-34
SAWN TIMBER	4-25-4-29	4-35
WOOD JOIST	4-26	4-36, 4-37
WOOD CHORD TRUSS	4-27-4-29	4-38, 4-39
OPEN WEB STEEL JOIST	4-28-4-29	4-38, 4-39

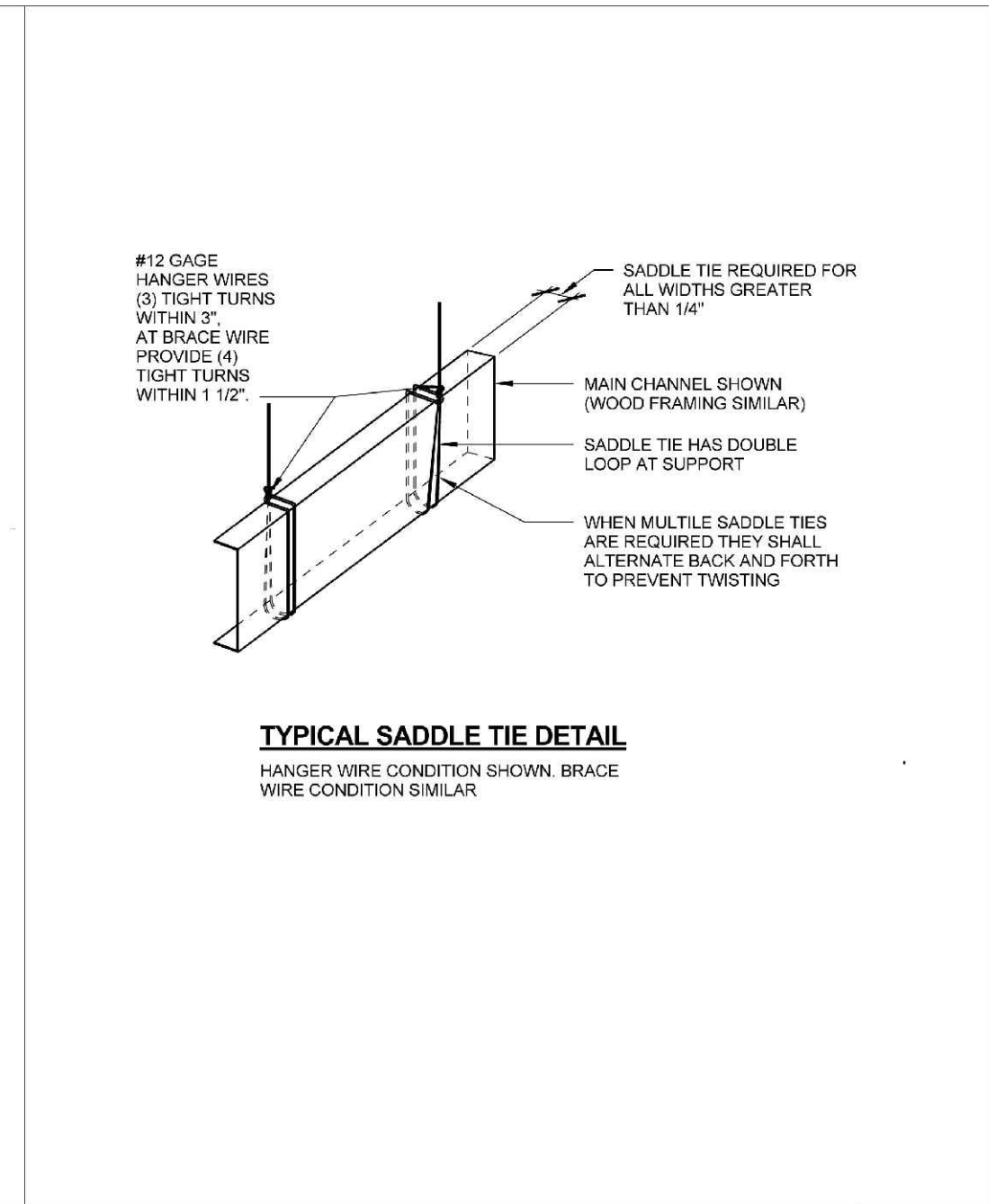




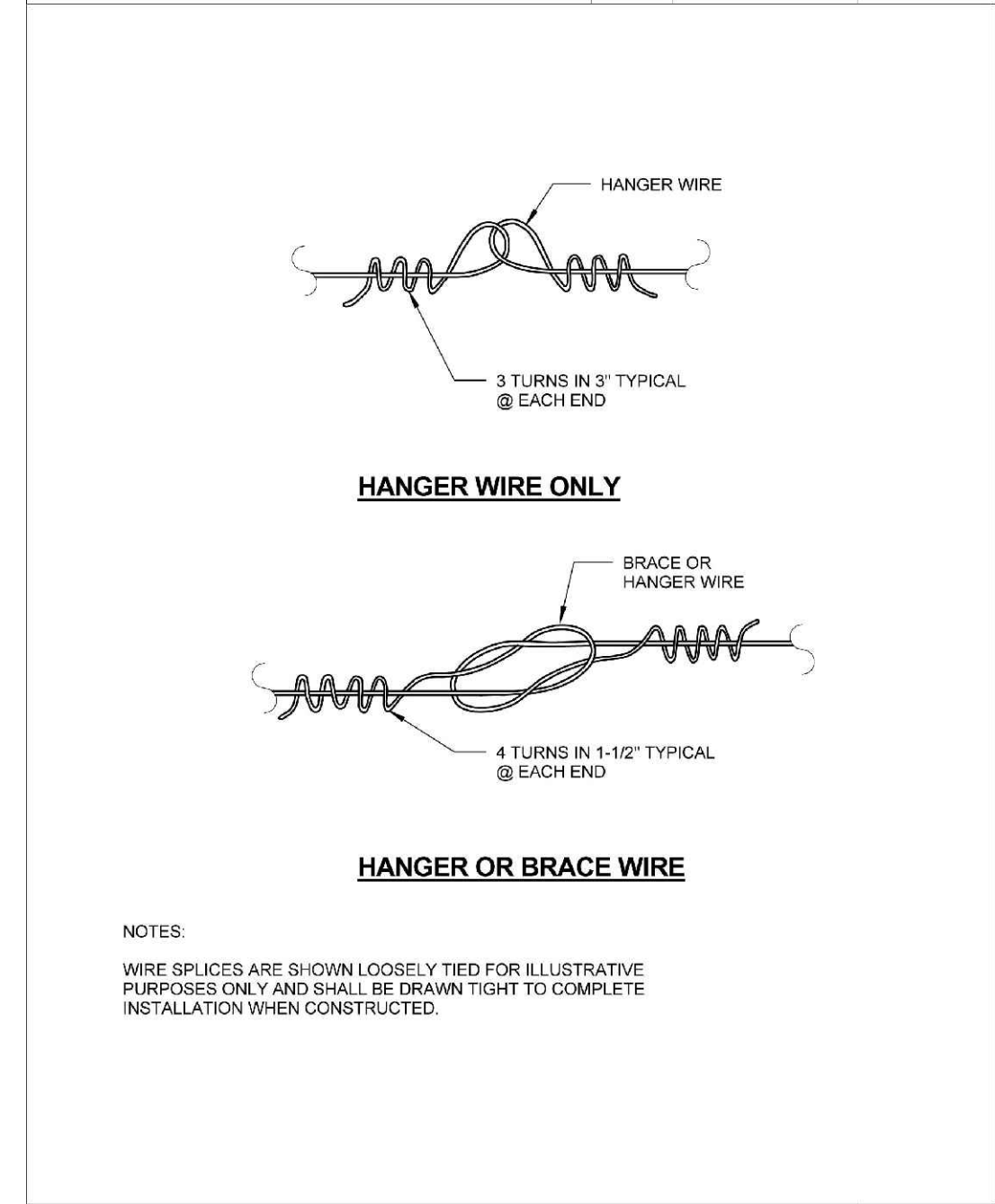
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Sheet Title:	STRUT WIRE CONNECTION TO SAWN TIMBER WITHOUT GYPSUM BOARD	rev.	09-21-15



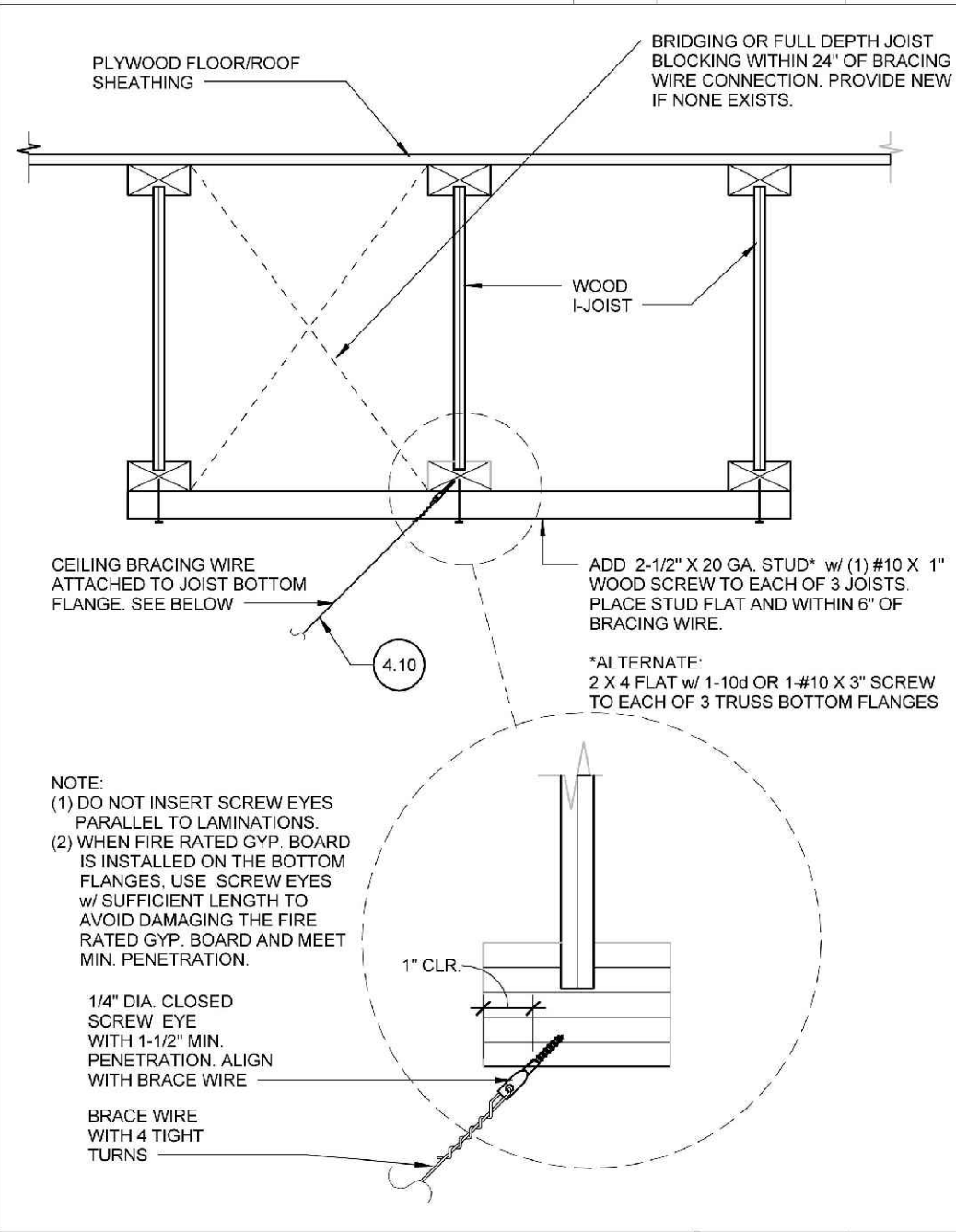
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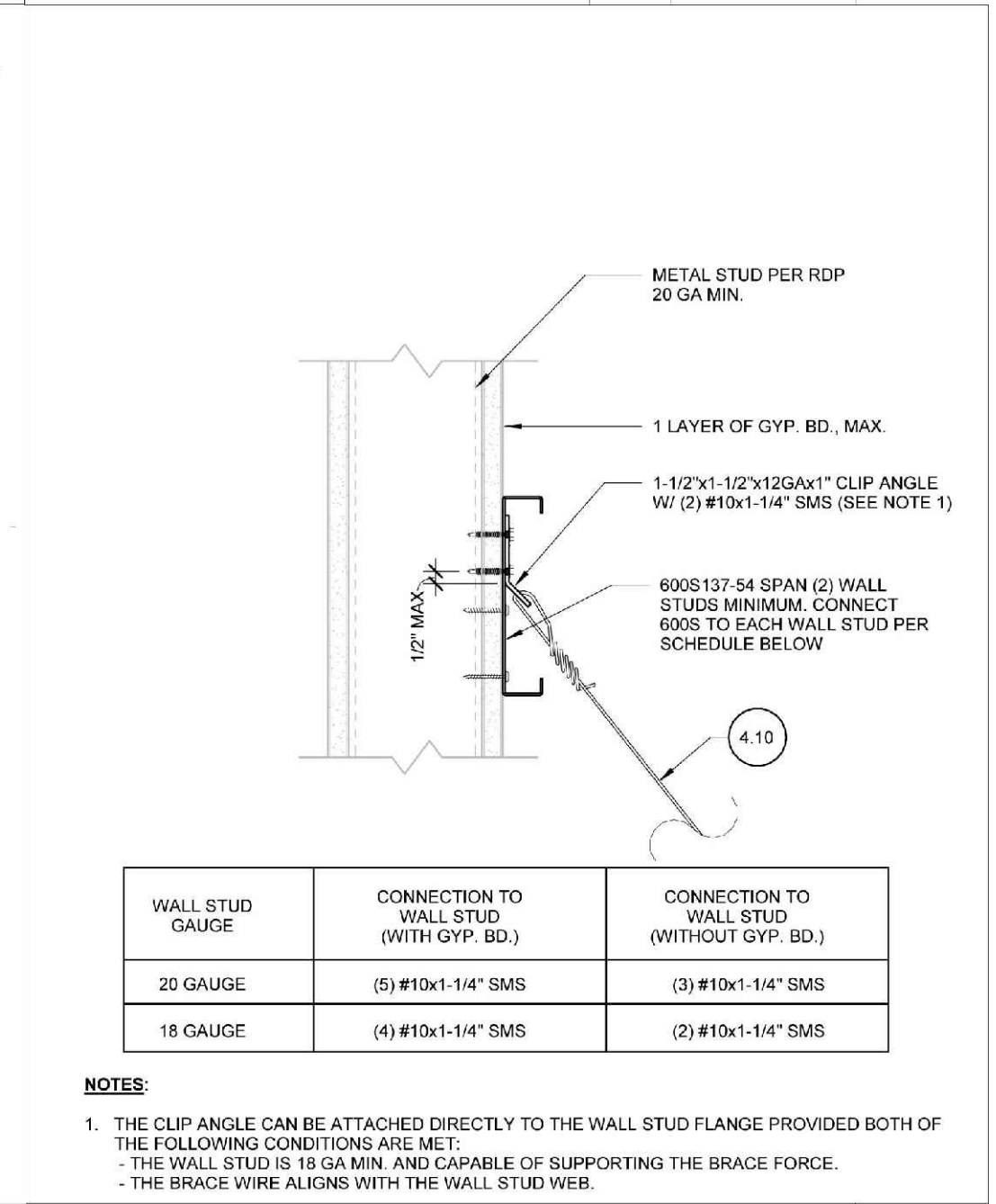
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Basis Document:	DSA IR 25-2.13	Sheet No:	6.10
Sheet Title:	CEILING WIRE SPLICES	rev.	09-21-15



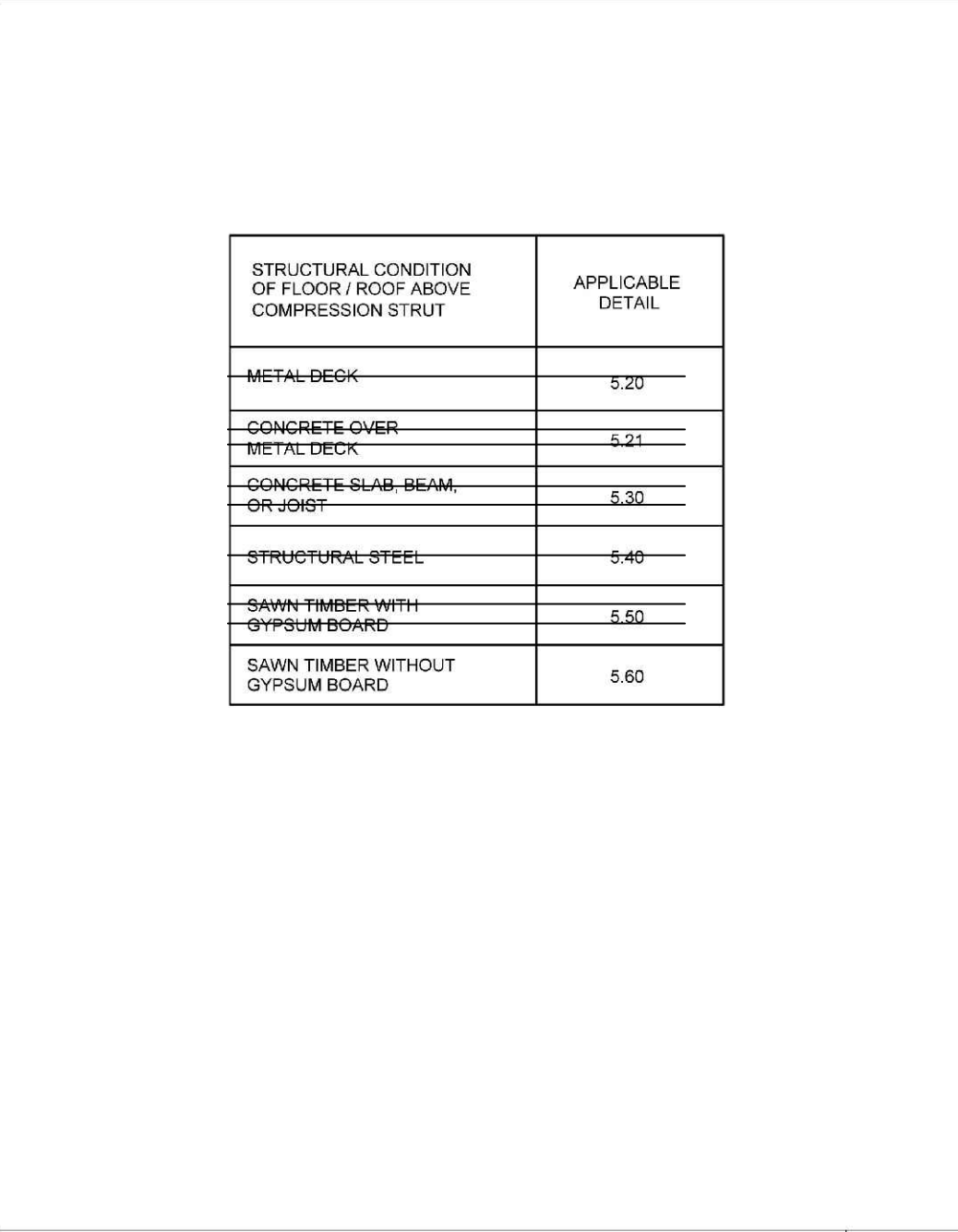
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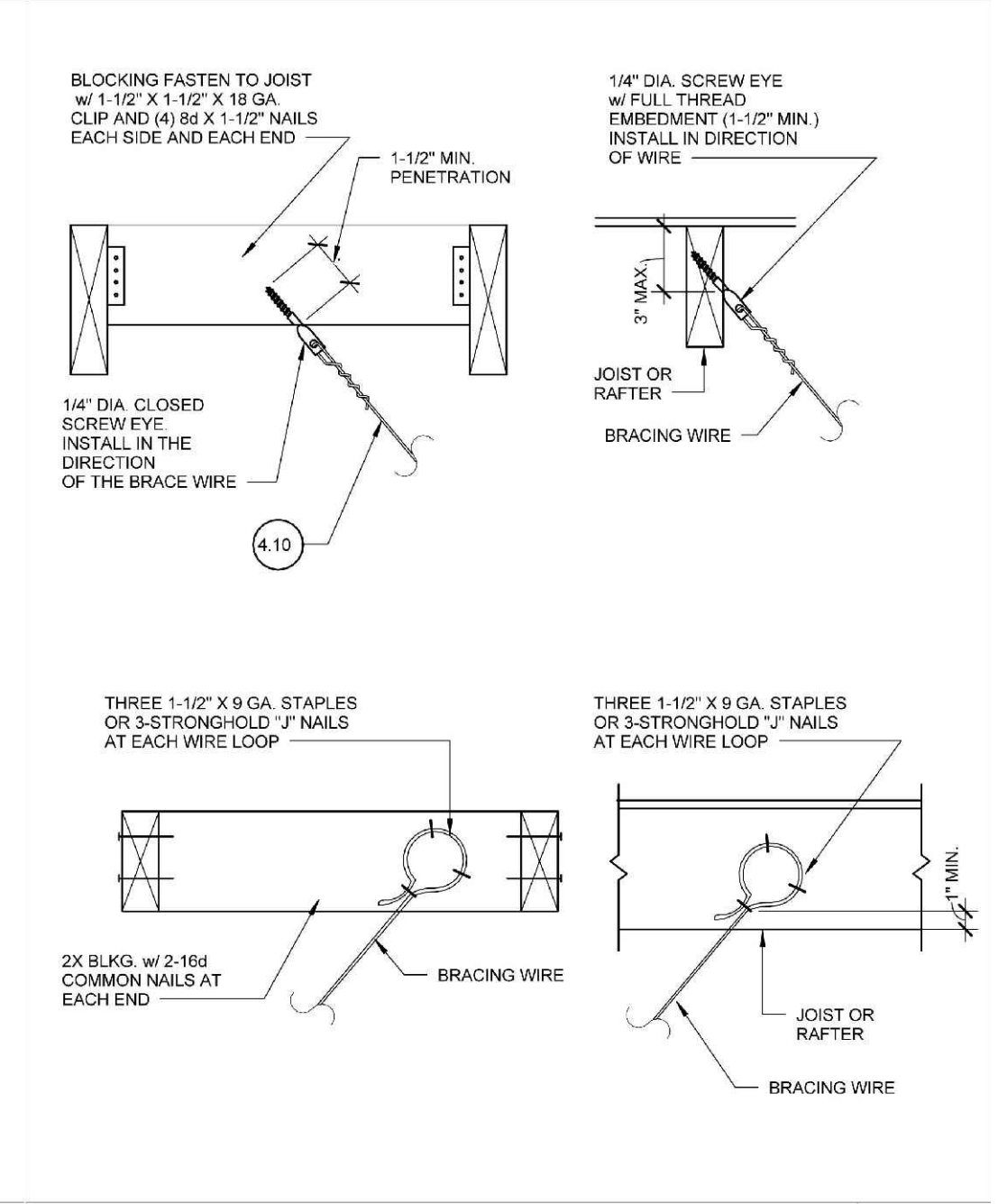
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Sheet Title:	BRACING WIRE CONNECTION TO METAL STUD WALL	rev.	09-21-15

STRUCTURAL CONDITION OF FLOOR / ROOF ABOVE COMPRESSION STRUT	APPLICABLE DETAIL
METAL DECK	5.20
CONCRETE OVER METAL DECK	5.21
CONCRETE SLAB-BEAM OR JOIST	5.30
STRUCTURAL STEEL	5.40
SAWN TIMBER WITH GYPSUM BOARD	5.50
SAWN TIMBER WITHOUT GYPSUM BOARD	5.60

Basis Document:	DSA IR 25-2.13	Sheet No:	5.10
Sheet Title:	COMPRESSION STRUT CONNECTION TO STRUCTURE - CONNECTION MATRIX	rev.	09-21-15




Basis Document:	DSA IR 25-2.13	Sheet No:	4.35
Sheet Title:	BRACING WIRE CONNECTION TO SAWN TIMBER	rev.	09-21-15



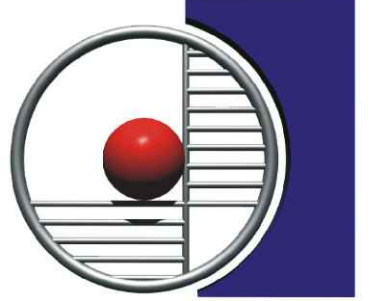
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Sheet Title:	BRACING WIRE CONNECTION TO SAWN TIMBER	rev.	09-21-15

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-122605 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/11/2023

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
 1300 BAKER STREET
 BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL
 1100 CITADEL STREET
 BAKERSFIELD, CA 93307



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 by SOMAM, Inc.
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REFLECTED CEILING DETAILS

Job No.:
5527

Sheet No.:
A8.04

Release: DSA BACKCHECK

Owner:



**BAKERSFIELD
CITY SCHOOL
DISTRICT**

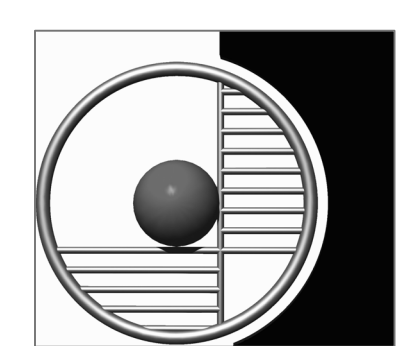
1300 BAKER ST.
BAKERSFIELD, CA 93305

Project Name & Address:

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**DR. MARTIN LUTHER KING
JR. ELEMENTARY**

1100 CITADELL,
BAKERSFIELD, CA 93307



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**TYPICAL
DETAILS**

Job No.: **5527**

Sheet No.: **S1.02**

Release: 12/22/22

FOUNDATION NOTES

- NOMINAL TOP OF FLOOR SLAB ELEVATION = DATUM 0'-0" UNLESS OTHERWISE NOTED.
- ALL FOOTINGS SHALL EXTEND TO FIRM BEARING IN UNDISTURBED SOIL OR ENGINEERED FILL.
- SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF NON-BEARING PARTITIONS.
- SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND EXTENT OF EXTERIOR WALKWAYS.
- CONSTRUCTION JOINTS ARE TO BE PROVIDED TO BREAK FLOOR SLAB INTO WORKING AREAS. SEE 5/S1.02.
- ALL REINFORCING STEEL, ANCHOR BOLTS, AND OTHER EMBEDDED ITEMS SHALL BE SECURELY POSITIONED IN THE FORMS PRIOR TO POURING OF CONCRETE.
- ALL CONCRETE WALLS AND COLUMNS SHALL BE DOWELED INTO FOOTINGS WITH BARS OF THE SAME SIZE AND SPACING AS THE VERTICAL WALL BARS UNLESS OTHERWISE NOTED. SEE CONCRETE NOTES FOR LAP REQUIREMENTS.
- SHORING AND BRACING: IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE SHORING, BRACING AND FORM WORK AS REQUIRED FOR THE CONSTRUCTION OF THE BUILDING. PROVIDE TEMPORARY BRACING AS REQUIRED TO HOLD THE VARIOUS ELEMENTS IN PLACE UNTIL FINAL SUPPORT IS SECURELY ANCHORED.
- EXCAVATION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION PROCEDURES AND FOR PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS, AND UTILITIES.
- BACKFILL: DO NOT BACKFILL AROUND THE EXTERIOR PERIMETER WALL UNTIL AFTER THE WALLS ARE SUPPORTED BY THE COMPLETION OF THE INTERIOR FLOOR SYSTEMS. DO NOT BACKFILL UNTIL 7 DAYS MINIMUM AFTER COMPLETION OF THE FLOOR SLABS.
- FOUNDATION DESIGNS ARE BASED ON THE SOILS REPORT No. 022-22124, BY KRAZAN & ASSOCIATES, INC., 2205 COY AVE., BAKERSFIELD, CA. 93307, DATED OCTOBER 14, 2022 WITH DESIGN PARAMETERS AS FOLLOWS:
 - SOIL CLASSIFICATION: SILTY SAND, SANDY SILT
 - MAXIMUM ALLOWABLE SOIL BEARING PRESSURE:
 - DEAD LOAD PLUS LIVE LOAD = 2500
 - DEAD LOAD PLUS LIVE LOAD PLUS LATERAL LOAD = 3325
 - PASSIVE RESISTANCE = 350 PCF (ALLOWABLE)
 - ACTIVE PRESSURE = 32 PCF
 - AT-REST PRESSURE = 52 PCF
 - COEFFICIENT OF FRICTION = 0.40 (ALLOWABLE)
- SEE DETAIL 1/S1.02, 4/S1.02 AND SOILS REPORT FOR SOIL PREPARATION REQUIREMENTS.

SCREW ANCHOR NOTES

- SCREW ANCHORS SHALL BE TITEN HD HEAVY-DUTY SCREW ANCHORS AS MANUFACTURED BY THE SIMPSON STRONG-TIE CO. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ICC REPORTS ES ESR-2713 FOR CONCRETE APPLICATIONS AND ES ESR-1056 FOR MASONRY APPLICATIONS.
- PLACEMENT GUIDELINES FOR THE ABOVE VALUES REQUIRE THE FOLLOWING CONDITIONS:
 - TABLE VALUES ARE BASED ON AN $F_c = 3,000$ PSI
 - HOLES DRILLED WITH A HAND-HELD ELECTRO-PNEUMATIC ROTARY HAMMER DRILL WITH A CARBIDE-TIPPED DRILL BIT CONFORMING TO ANSI B212.15-1994
 - PILOT HOLE MUST BE THE SAME DIAMETER AS THE SPECIFIED ANCHOR
 - HOLES TO BE DRILLED TO THE SPECIFIED EMBEDMENT DEPTH PLUS $\frac{1}{4}$ " FOR $\frac{1}{2}$ " AND $\frac{3}{8}$ " AND PLUS $\frac{1}{2}$ " FOR $\frac{1}{2}$ " AND LARGER
 - ANY SEISMIC DESIGN CATEGORY PER CBC 2019
 - ACI CRACKED CONCRETE CONDITION IS ASSUMED
 - HOLES SHALL BE CLEANED IN ACCORDANCE WITH ICC REPORT NO. ESR-2713 FOR CONCRETE OR ESR-1056 FOR MASONRY
- WHEN INSTALLING SCREW ANCHORS IN EXISTING REINFORCED MASONRY OR CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A MINIMUM CLEARANCE OF ONE HALF INCH BETWEEN THE REINFORCEMENT AND THE SCREW ANCHOR.

EPOXIED BOLT NOTES

- EPOXIED BOLTS SHALL BE ALL-THREAD RODS WITH SIMPSON SET-XP EPOXY ADHESIVE (ICC ESR-250B FOR CONCRETE, ICC ESR-1772 FOR MASONRY). INSTALLATION SHALL BE IN ACCORDANCE WITH ICC AND MANUFACTURERS RECOMMENDATIONS. SEE DETAIL 4/S1.03.
- EMBEDMENT DEPTHS SHALL BE AS FOLLOWS:

DIAMETER	MIN. EMBEDMENT
3/8"	3 1/2"
1/2"	4 1/2"
5/8" OR GREATER	PER DETAIL
- ALL BOLTS SHALL BE TESTED.

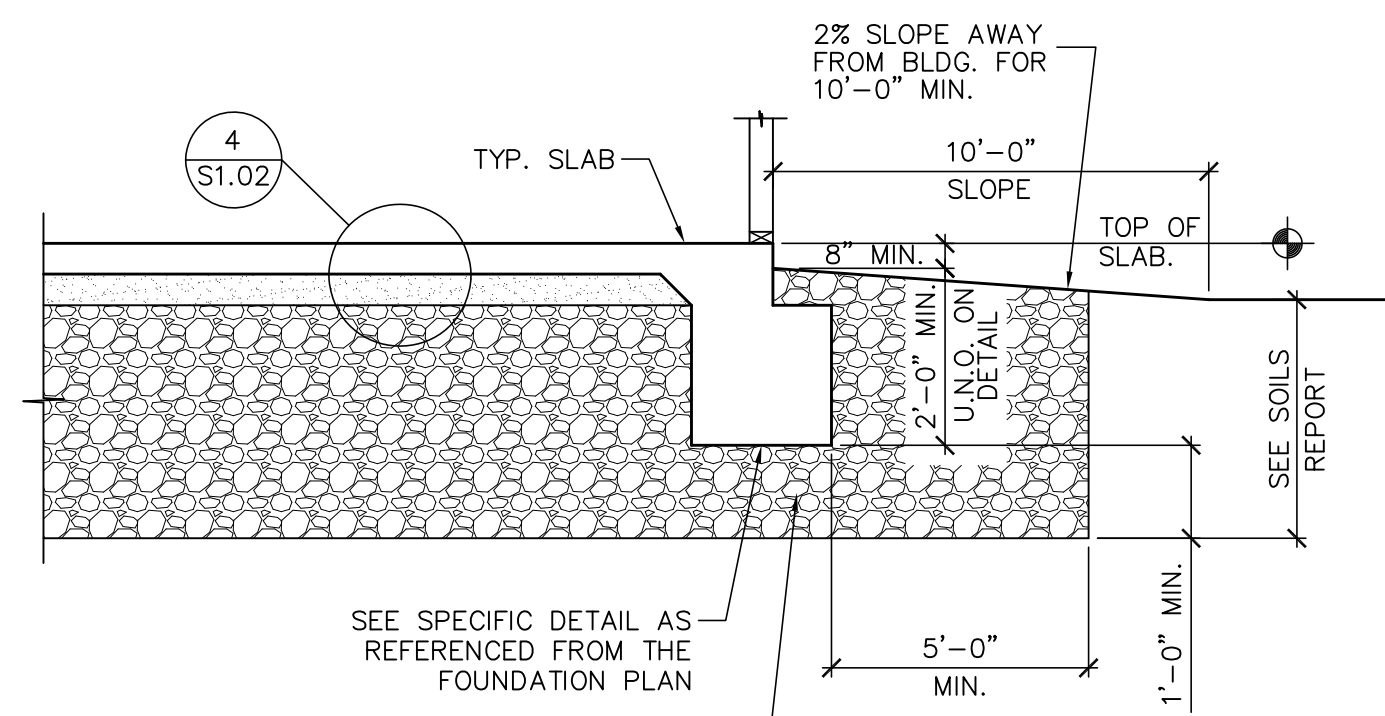
DIAMETER	TENSION TEST LOADS
3/8"	1300 LBS.
1/2"	1500 LBS.
5/8"	1700 LBS.
3/4"	1900 LBS.
- WHEN INSTALLING EPOXIED BOLTS IN EXISTING REINFORCED MASONRY OR CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE EPOXIED BOLT.

SPECIAL INSPECTION NOTES

- IN ACCORDANCE WITH THE REFERENCED CODE, THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR WHO SHALL PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE FOLLOWING TYPES OF WORK:
 - EMBEDDED BOLTS, ANCHORS, AND REINFORCING IN CONCRETE - CONTINUOUS
 - ALL STRUCTURAL STEEL WELDING - CONTINUOUS
 - INSPECTION OF REINFORCING STEEL - PERIODIC
 - ALL POST INSTALLED ANCHORS - CONTINUOUS
 - PLYWOOD SHEAR WALLS WHERE SCREW SPACING IS 4"OC OR LESS - PERIODIC
 - ADEQUACY AND PREPARATION OF ALL FILL MATERIAL & SUBGRADE - PERIODIC
 - PLACEMENT AND COMPACTION OF FILL MATERIALS - CONTINUOUS
 - ALL CONCRETE CONSTRUCTION & BATCH PLANT INSPECTION - CONTINUOUS
- SPECIAL INSPECTOR'S BACKGROUND AND QUALIFICATIONS SHALL BE FORWARDED TO THE ARCHITECT AT LEAST 3 DAYS BEFORE ANY INSPECTIONS ARE PERFORMED.
- "CONTINUOUS" SPECIAL INSPECTION MEANS THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED. "PERIODIC" SPECIAL INSPECTION MEANS THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN, OR IS, BEING PERFORMED AND AT THE COMPLETION OF THE WORK.
- INSPECTION FOR PREFABRICATED CONSTRUCTION SHALL BE THE SAME AS IF THE MATERIAL USED IN THE CONSTRUCTION TOOK PLACE ON SITE.
- ANY CONSTRUCTION OR MATERIAL THAT HAS FAILED INSPECTION SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE.
- EPOXY AND EXPANSION ANCHORS MAY BE USED ONLY WHEN APPROVED BY THE ARCHITECT.
- SPECIAL INSPECTION OF SOILS SHALL REFERENCE THE APPROVED SOILS REPORT TO DETERMINE COMPLIANCE.
- SEE THE PROJECT SPECIFICATIONS AND DSA FORM 103 FOR ADDITIONAL TESTING AND INSPECTION REQUIREMENTS.

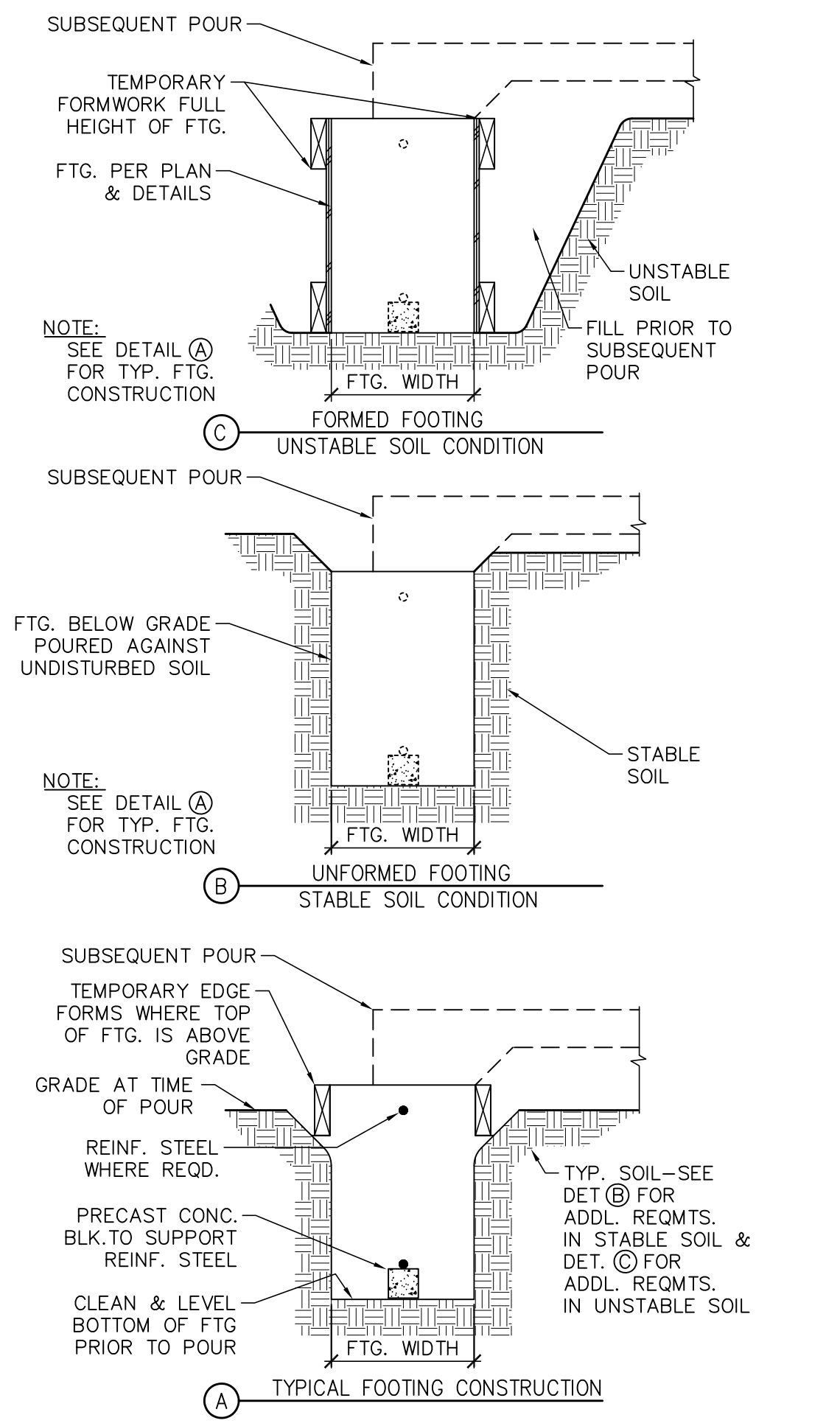
REDLAM LVL BEAM NOTES

- MANUFACTURER OF REDLAM BEAMS SHALL BE IN STRICT ACCORDANCE WITH ICC ES REPORT No. ESR-2993.
- PRODUCTS SHALL BE PROVEN BY TESTING AND EVALUATION IN ACCORDANCE WITH THE PROVISIONS OF ASTM D-5456.
- CONDITIONS OF USE WILL BE DRY. TEMPERATURE SHOULD NOT EXCEED 150°.
- ADHESIVES SHALL BE OF THE WATERPROOF TYPE CONFORMING TO THE REQUIREMENTS OF ASTM D-2559.
- PROVIDE REDLAM 2.0E OR AS NOTED ON THE DRAWINGS WITH:
 - $F_b = 2,900$ PSI
 - $F_v = 285$ PSI
 - $F_c = 750$ PSI
 - $E = 2,000,000$ PSI
- THE MANUFACTURER SHALL SUBMIT COMPLETE SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
- ALL STRUCTURAL MANUFACTURED BEAMS SHALL BE FABRICATED UNDER CONTINUOUS INSPECTION BY AN INSPECTOR APPROVED BY THE LOCAL BUILDING OFFICIAL.
- A CERTIFICATE OF CONFORMANCE IS REQUIRED PRIOR TO FRAMING INSPECTION FOR ALL REDLAM BEAM MEMBERS.
- PROPRIETARY SPECIFICATION: DUE TO THE CUSTOMIZED DETAILING AND ENGINEERING CHARACTERISTICS OF THE FRAMING ASSEMBLY, IT IS A REQUIREMENT THAT REDBUILT MEMBERS BE USED IN THE BASE BID.



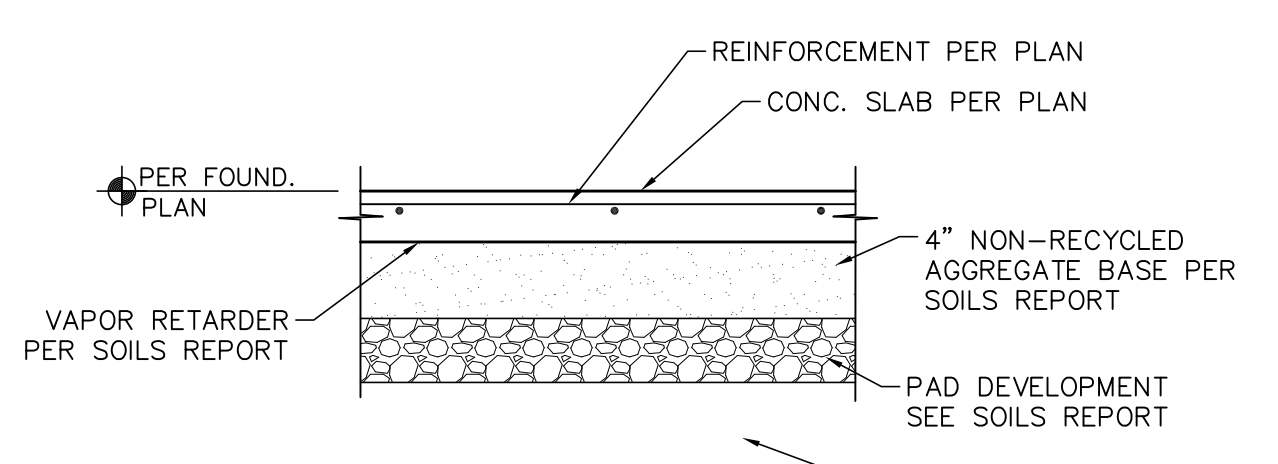
- NOTES**
- SEE FOUNDATION NOTES AND SOILS REPORT FOR ADDITIONAL REQUIREMENTS.
 - COMPACTED ENGINEERED FILL SEE SOILS REPORT.
 - THE BUILDING PAD SHALL BE CERTIFIED BY THE GEOTECHNICAL ENGINEER OF RECORD.

TYPICAL BUILDING PAD PREPARATION

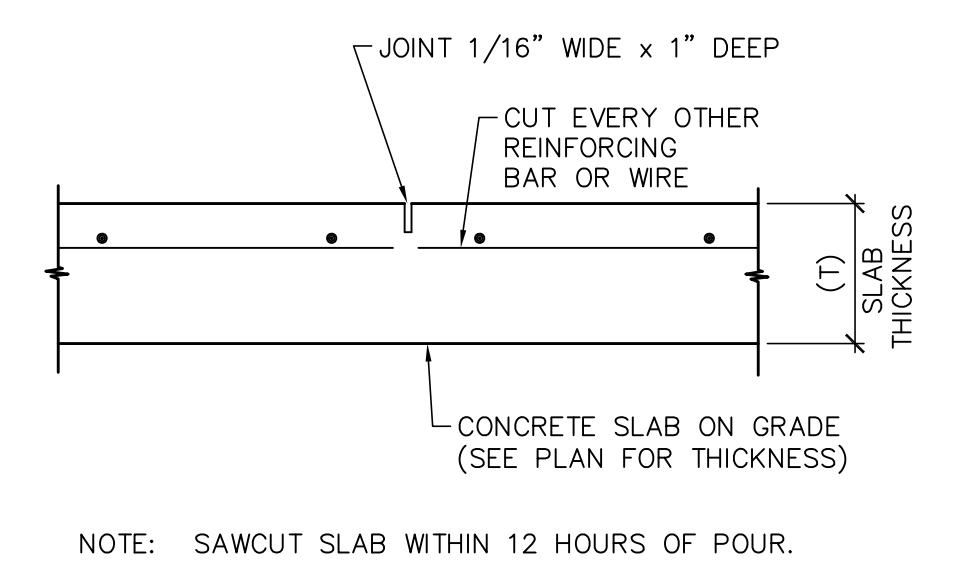


- NOTES:**
- ALL FOOTINGS SHALL BE PLACED PER THE TYPICAL REQUIREMENTS OF DETAIL A.
 - FOOTINGS MAY BE POURED DIRECTLY INTO NEAT EXCAVATIONS PER DETAIL B WHERE SOIL IS CONSIDERED STABLE AS DETERMINED BY THE ARCHITECT OR SOILS ENGINEER.
 - PROVIDE FORMWORK PER DETAIL C WHERE SOIL IS CONSIDERED UNSTABLE AS DETERMINED BY THE ARCHITECT OR SOILS ENGINEER.
 - SEE THE SOILS REPORT FOR OTHER REQUIREMENT.

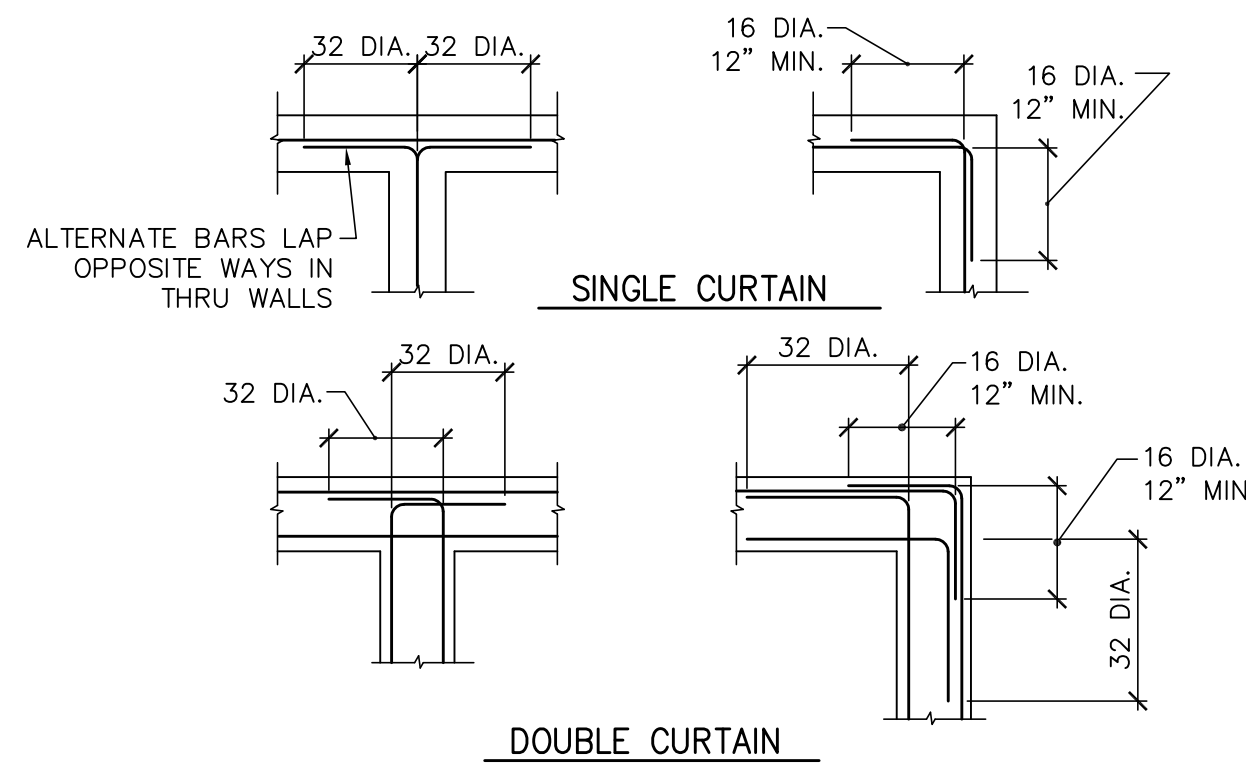
TYP. FOUNDATION FORMWORK



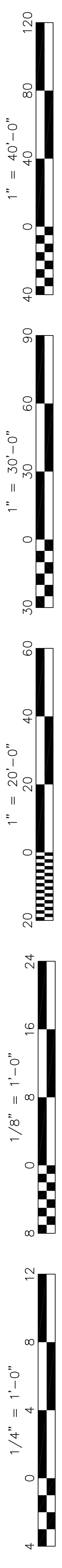
SLAB PREPARATION

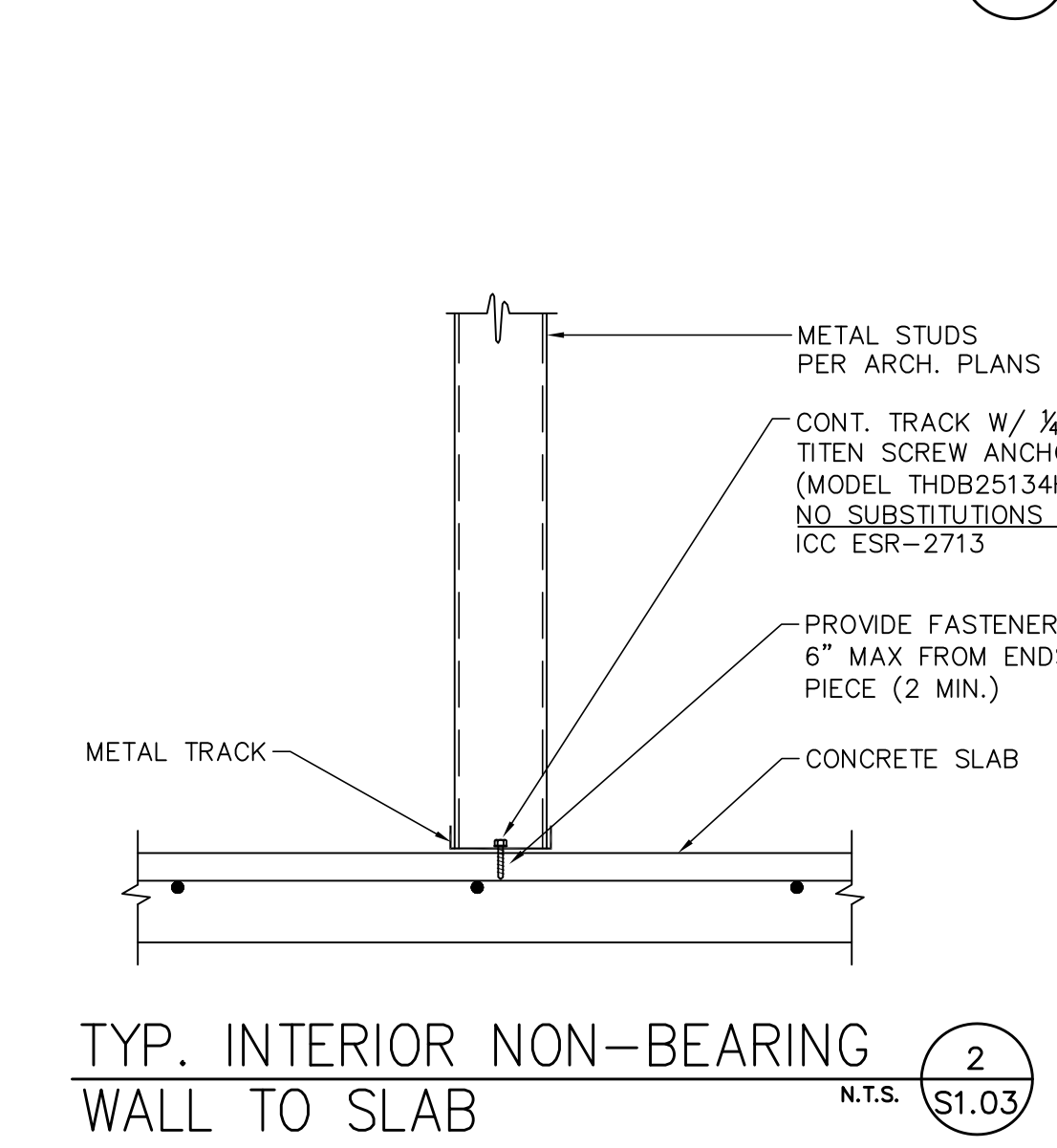
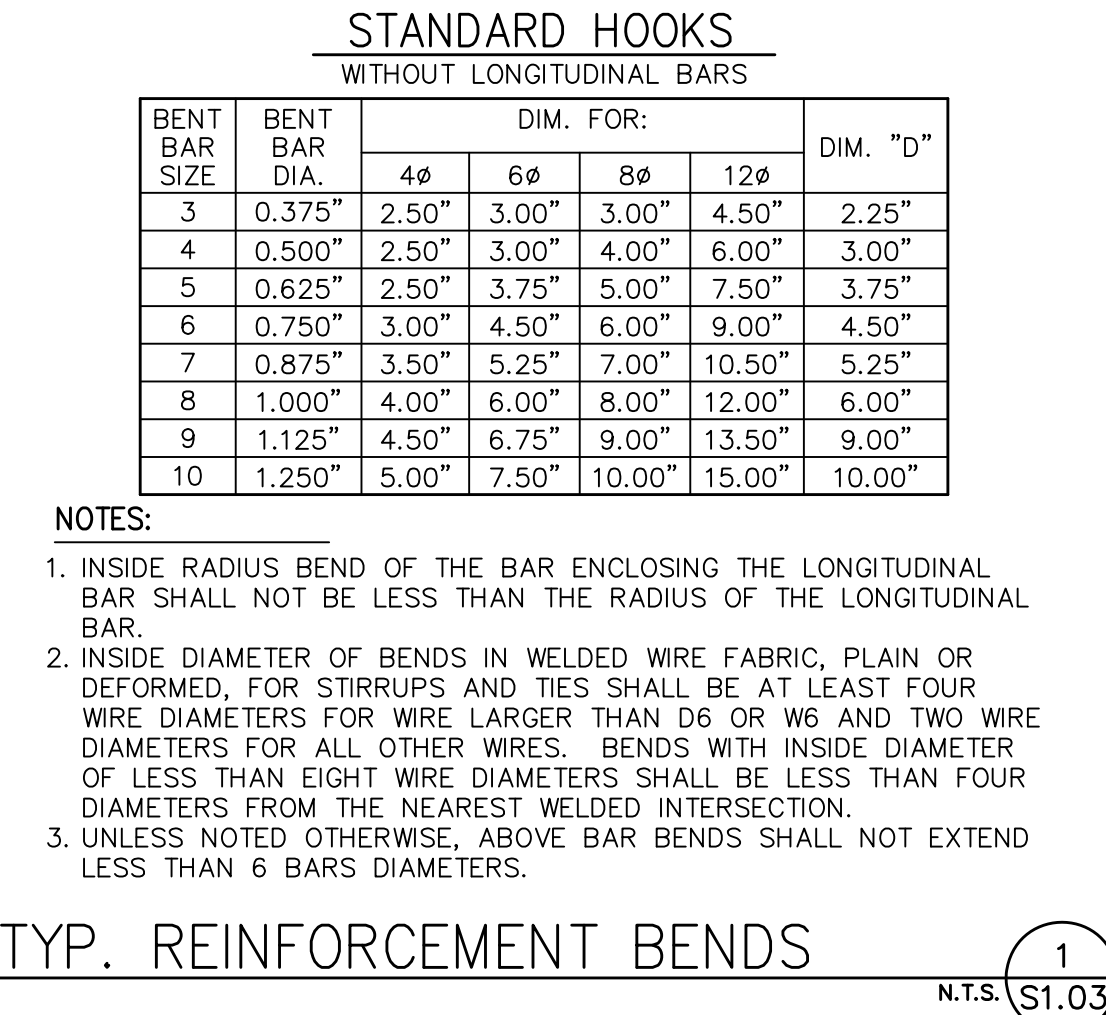
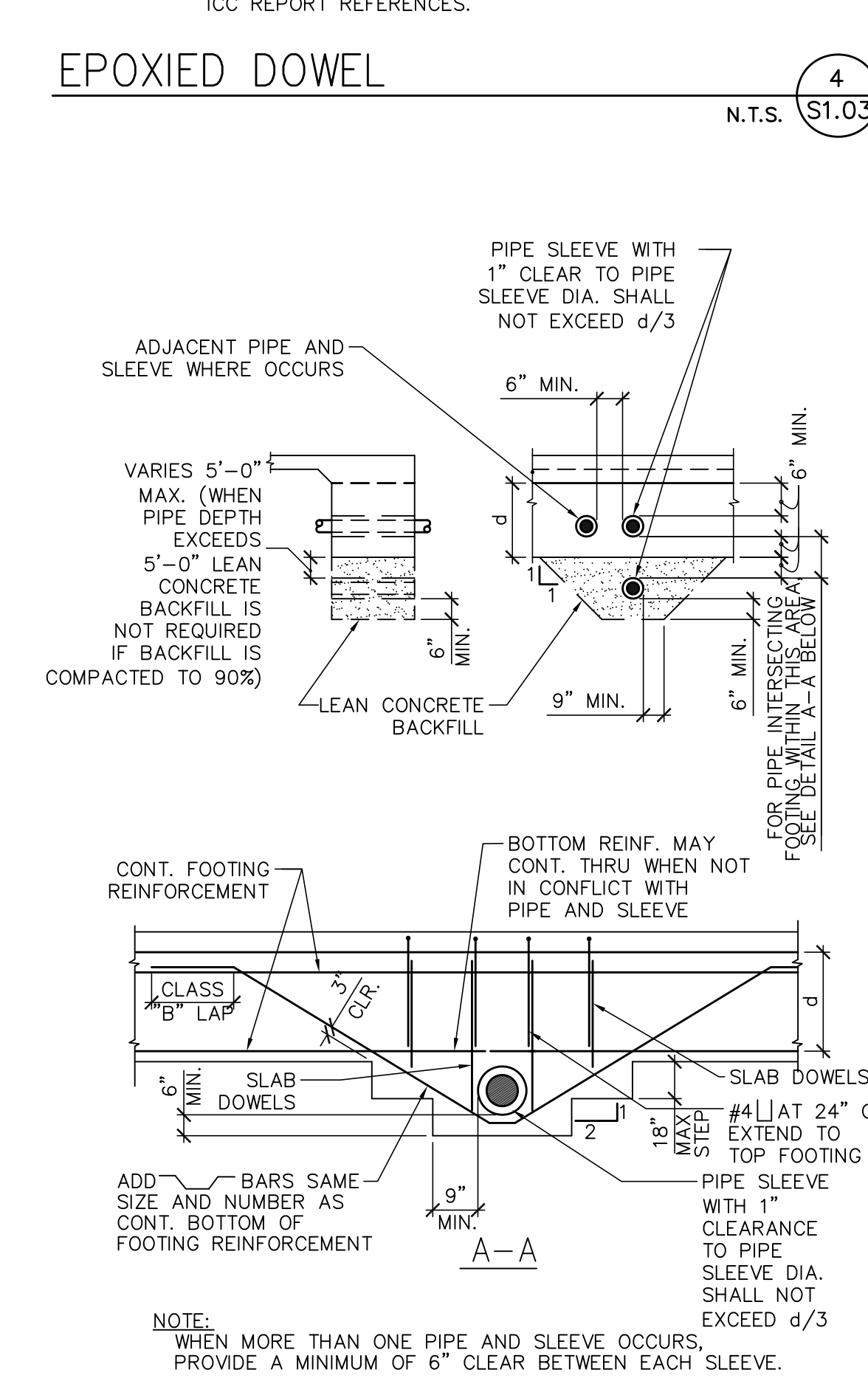
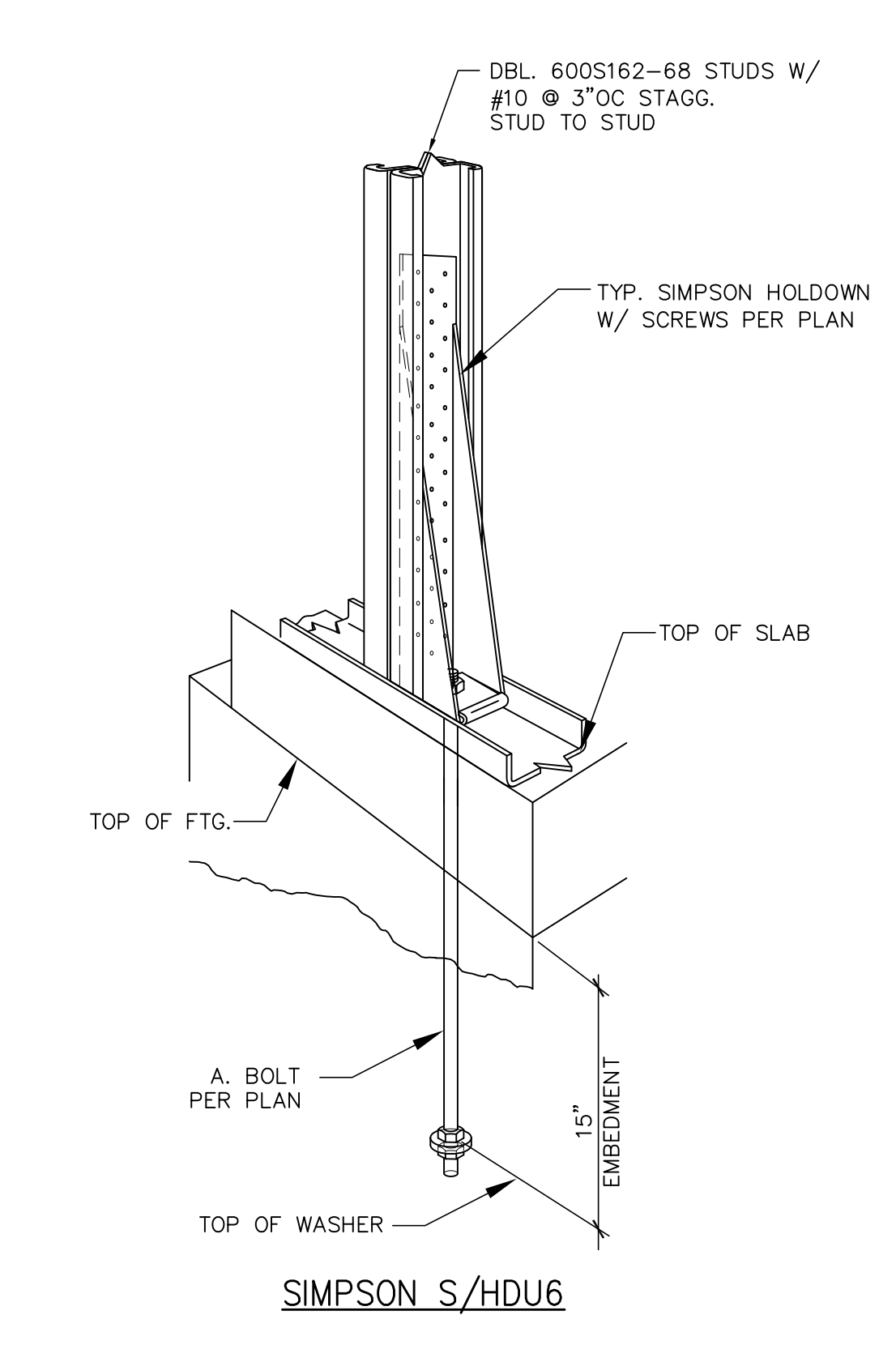
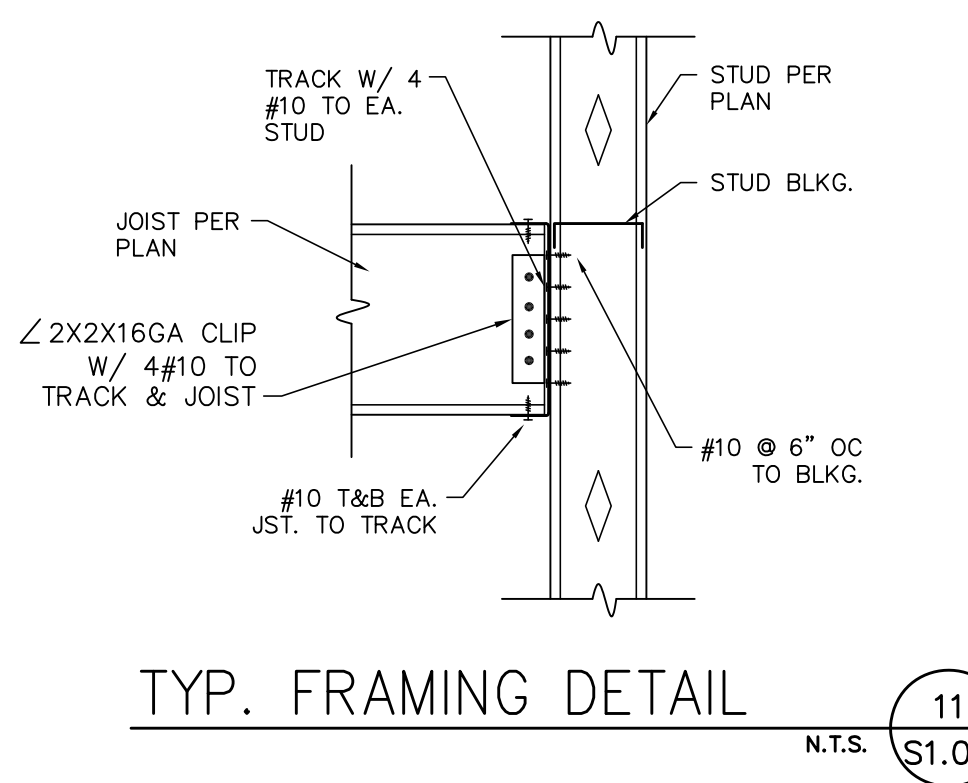
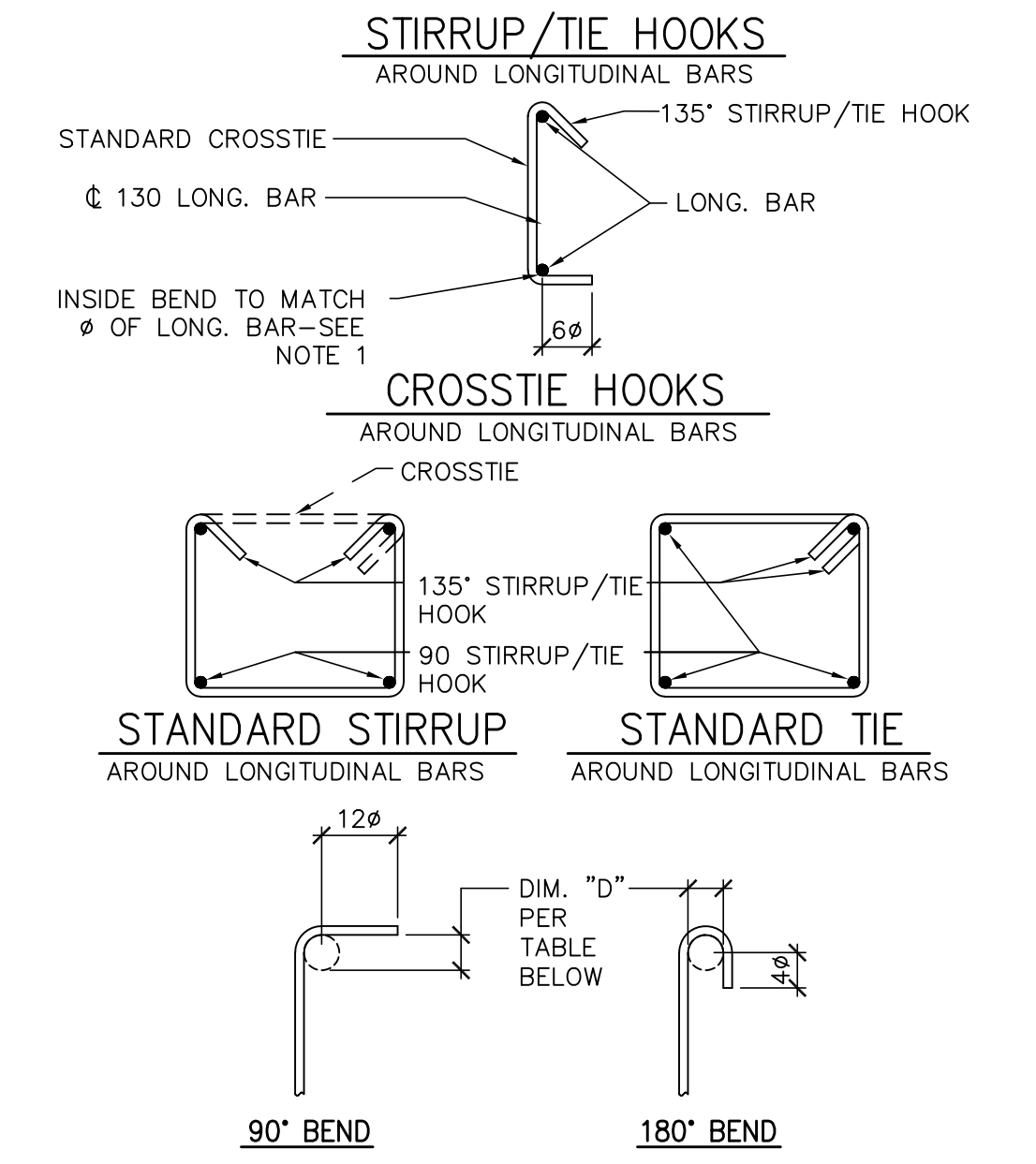
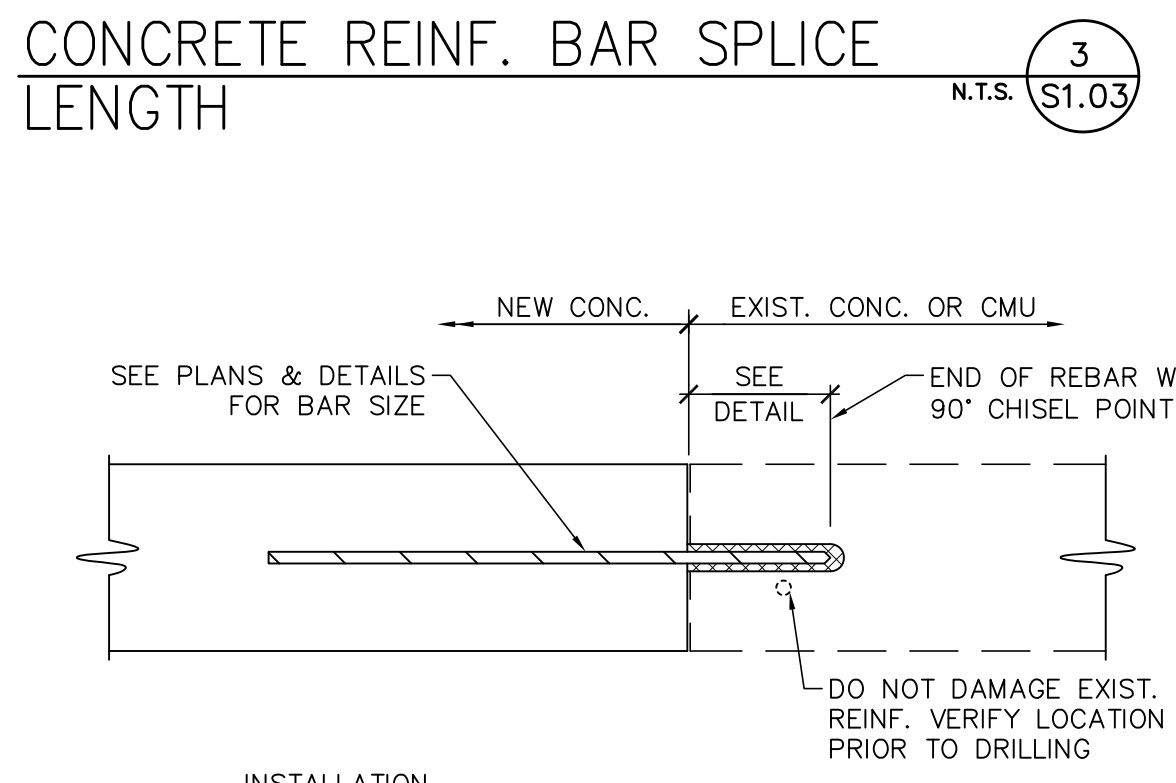
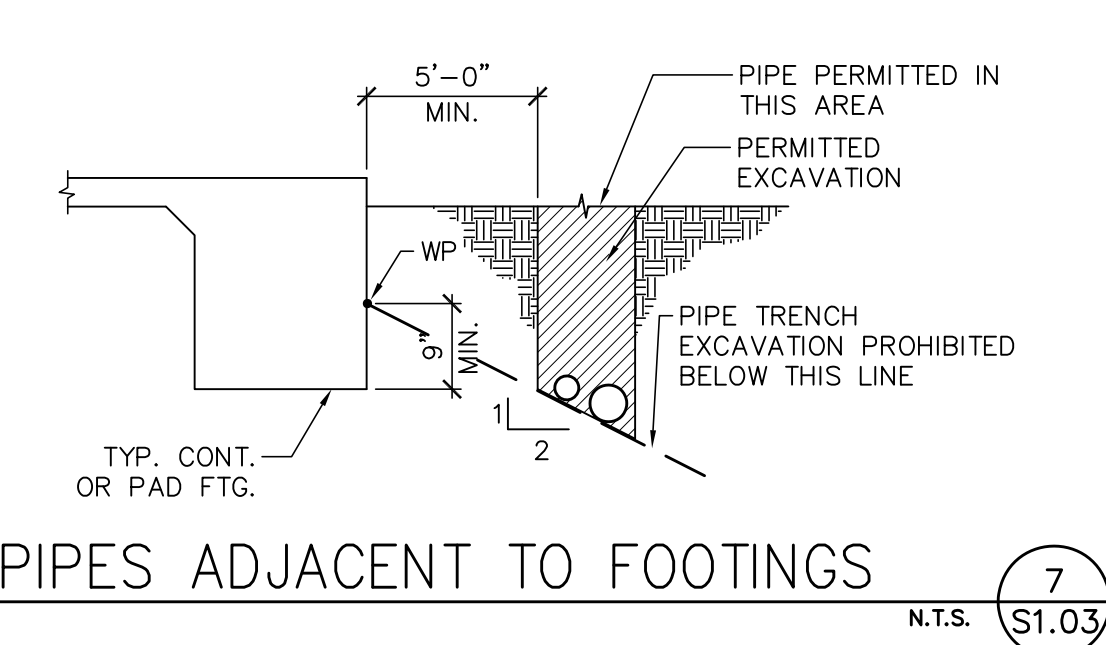
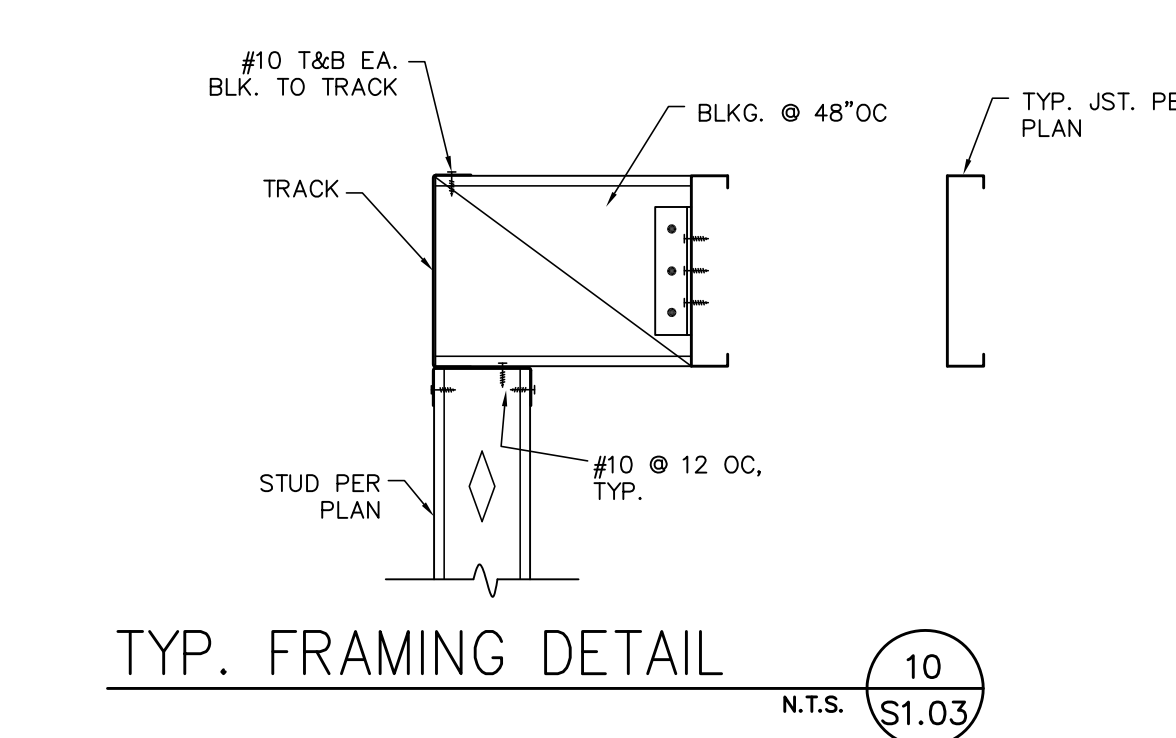
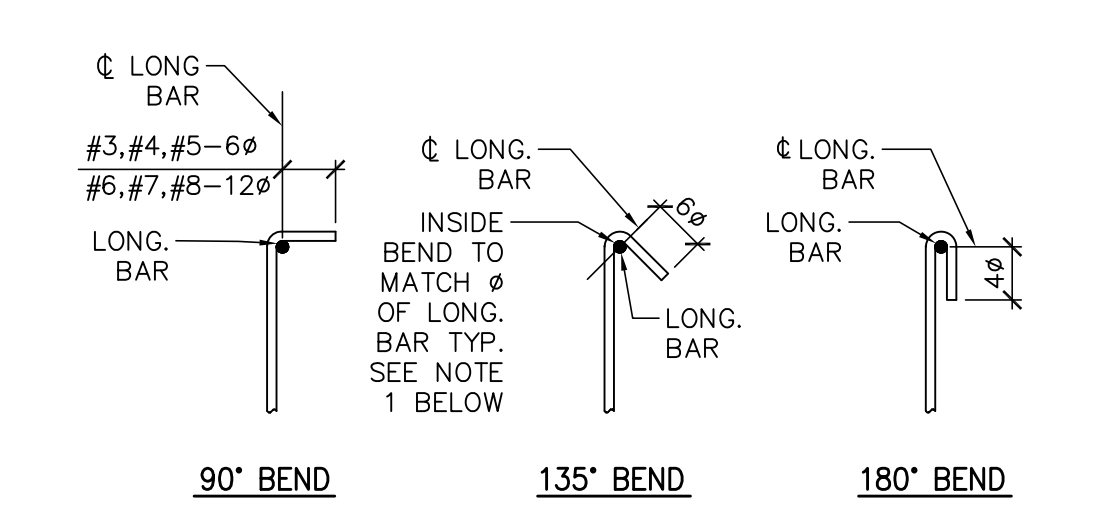
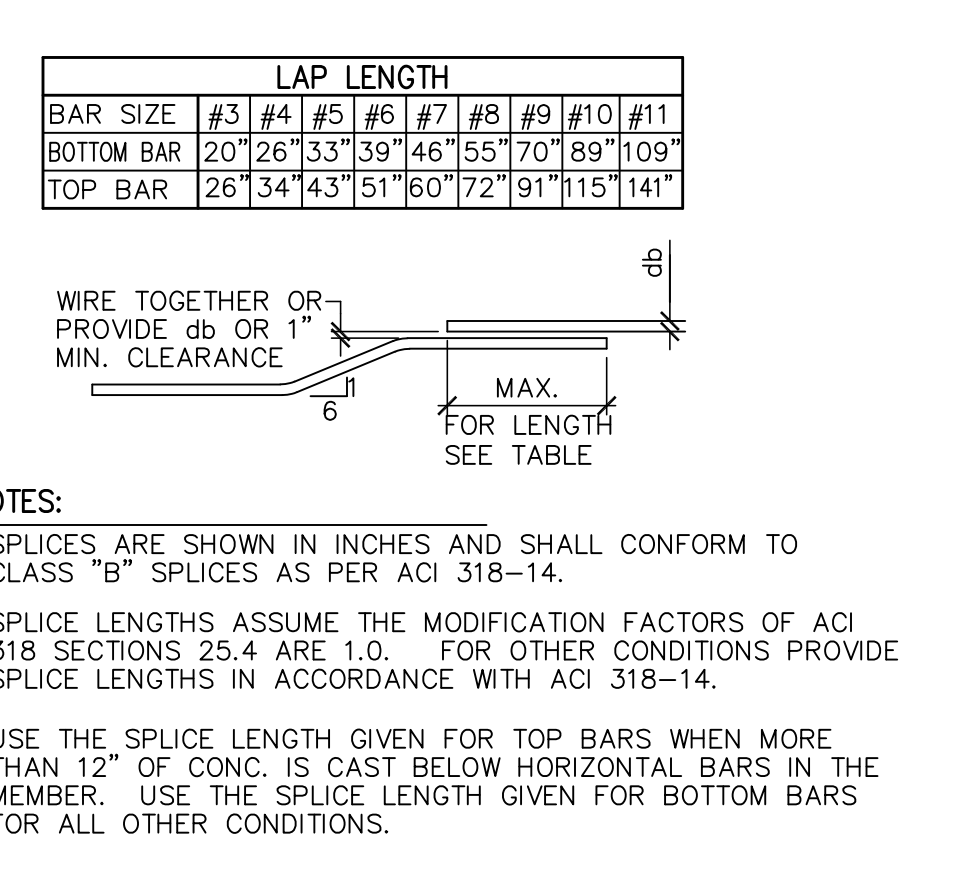
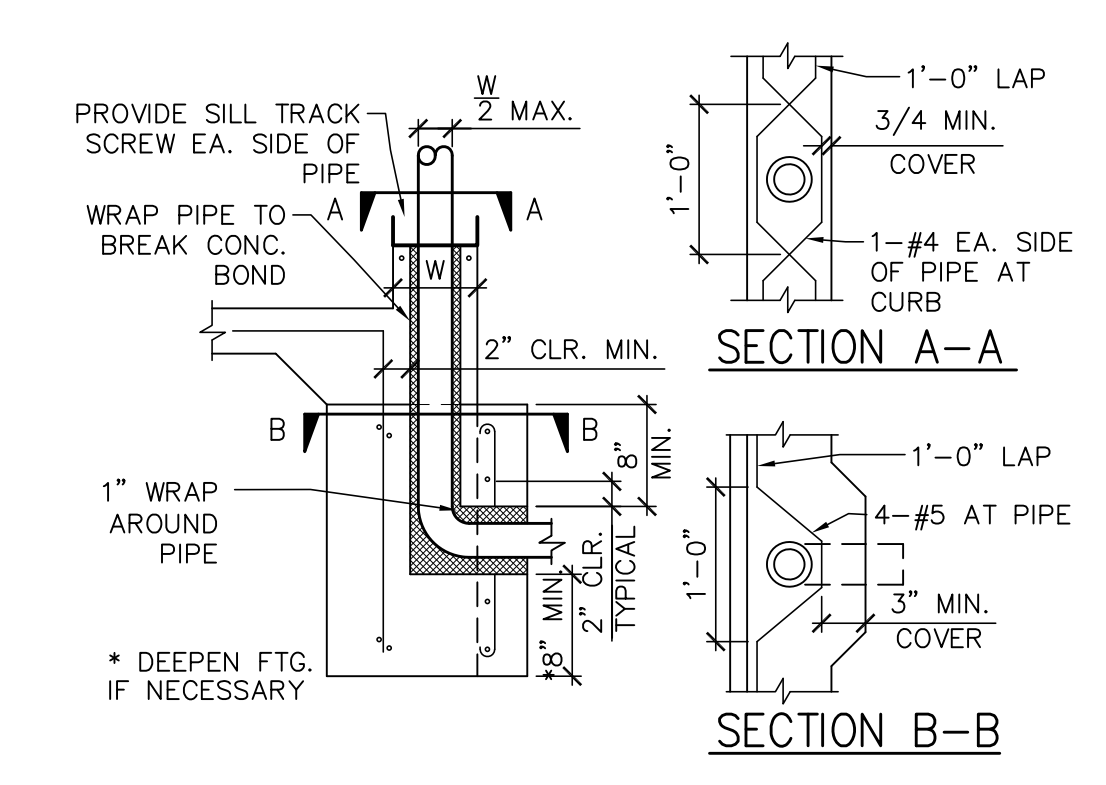
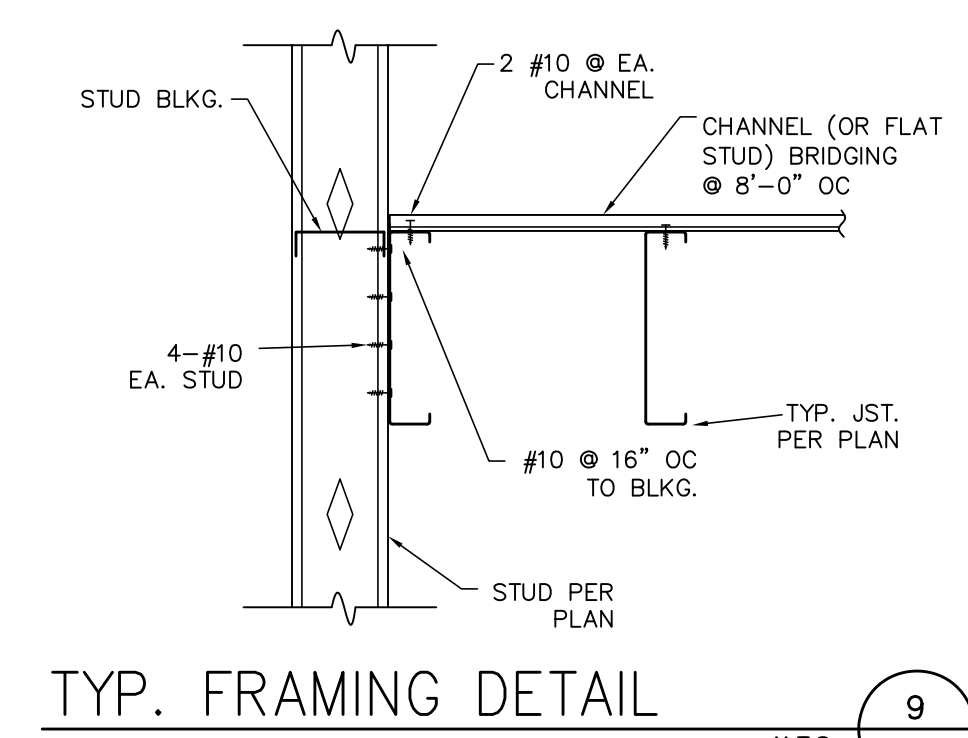
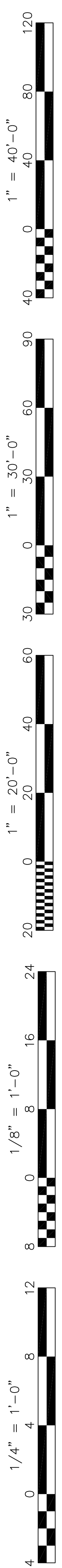


SLAB CONTROL JOINT (C.J.) AT 16'-0" OC MAX.



TYP. REINF. DETAIL @ INTERSECTIONS





DSA STAMP
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 DIV. OF THE STATE ARCHITECT
 APP: 03-122605 INC:
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 DATE: 05/11/2023

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BAKERSFIELD CITY SCHOOL DISTRICT
 1300 BAKER ST.
 BAKERSFIELD, CA 93305

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WELLNESS CENTER

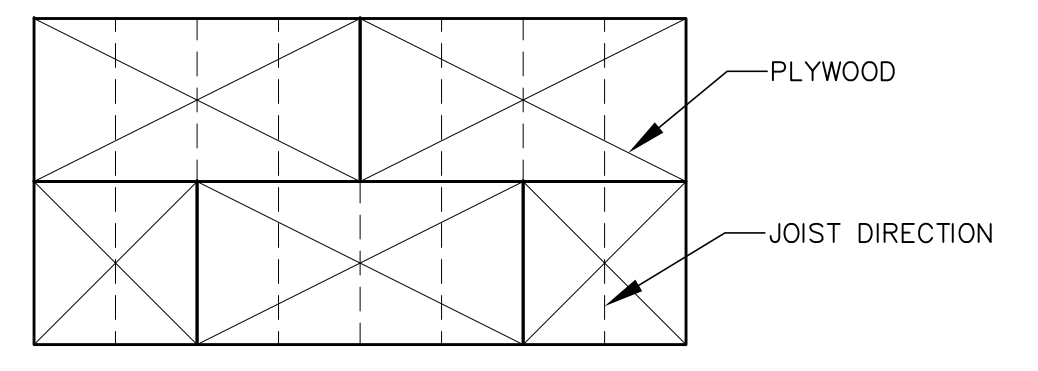
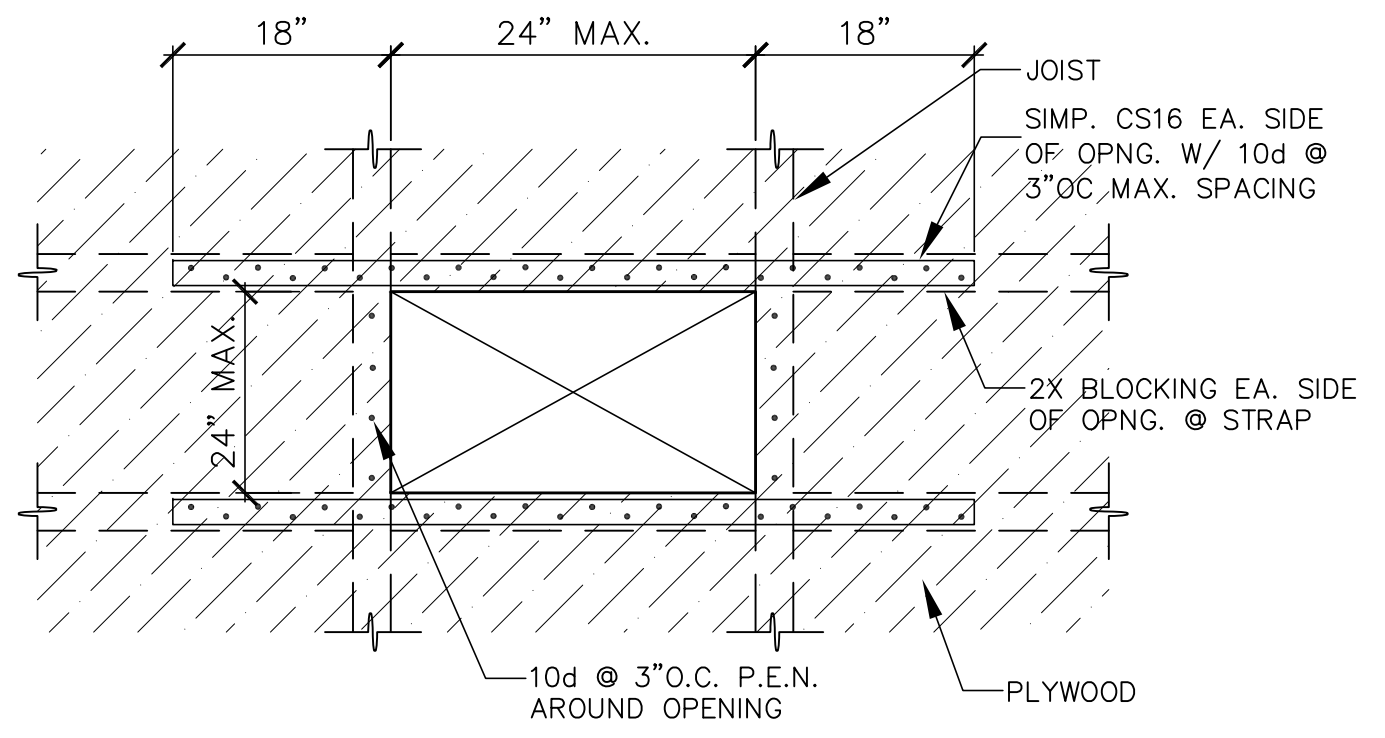
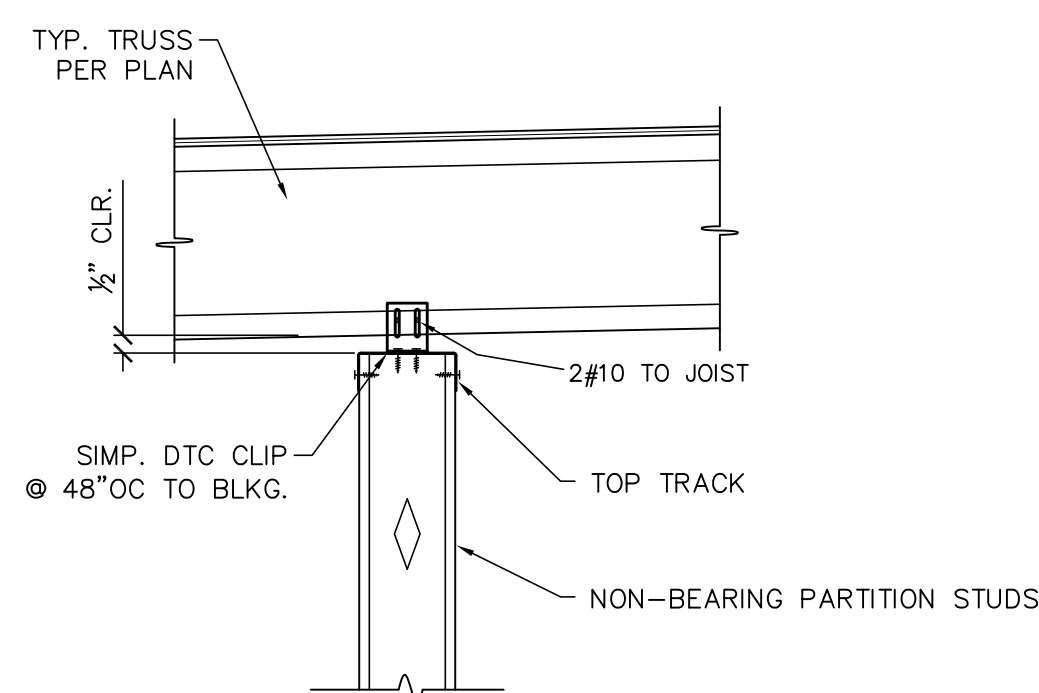
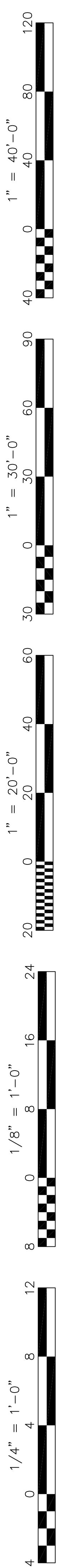
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TYPICAL DETAILS

Job No.: **5527**
 Sheet No.: **S1.03**
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PLYWOOD LAYOUT

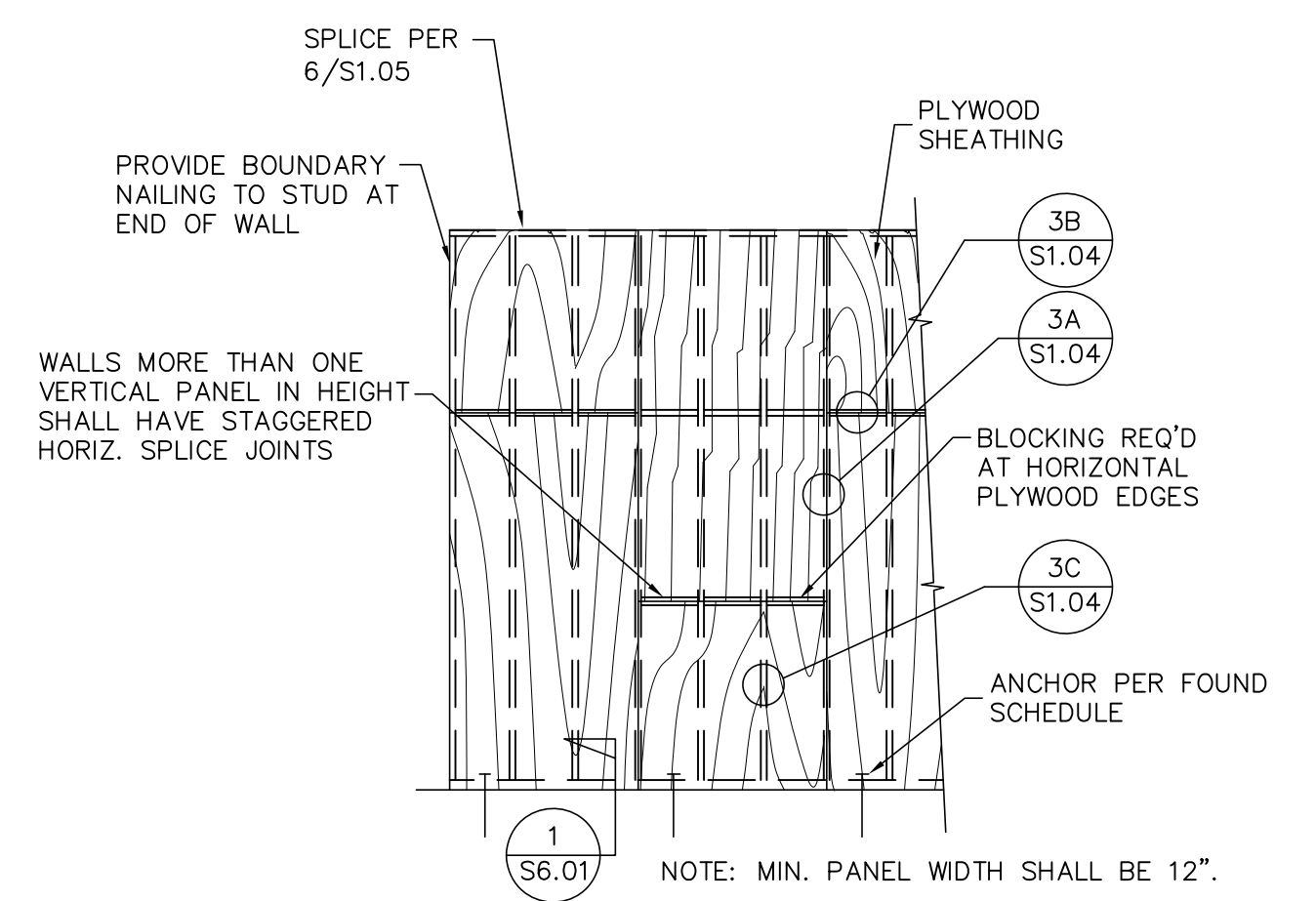
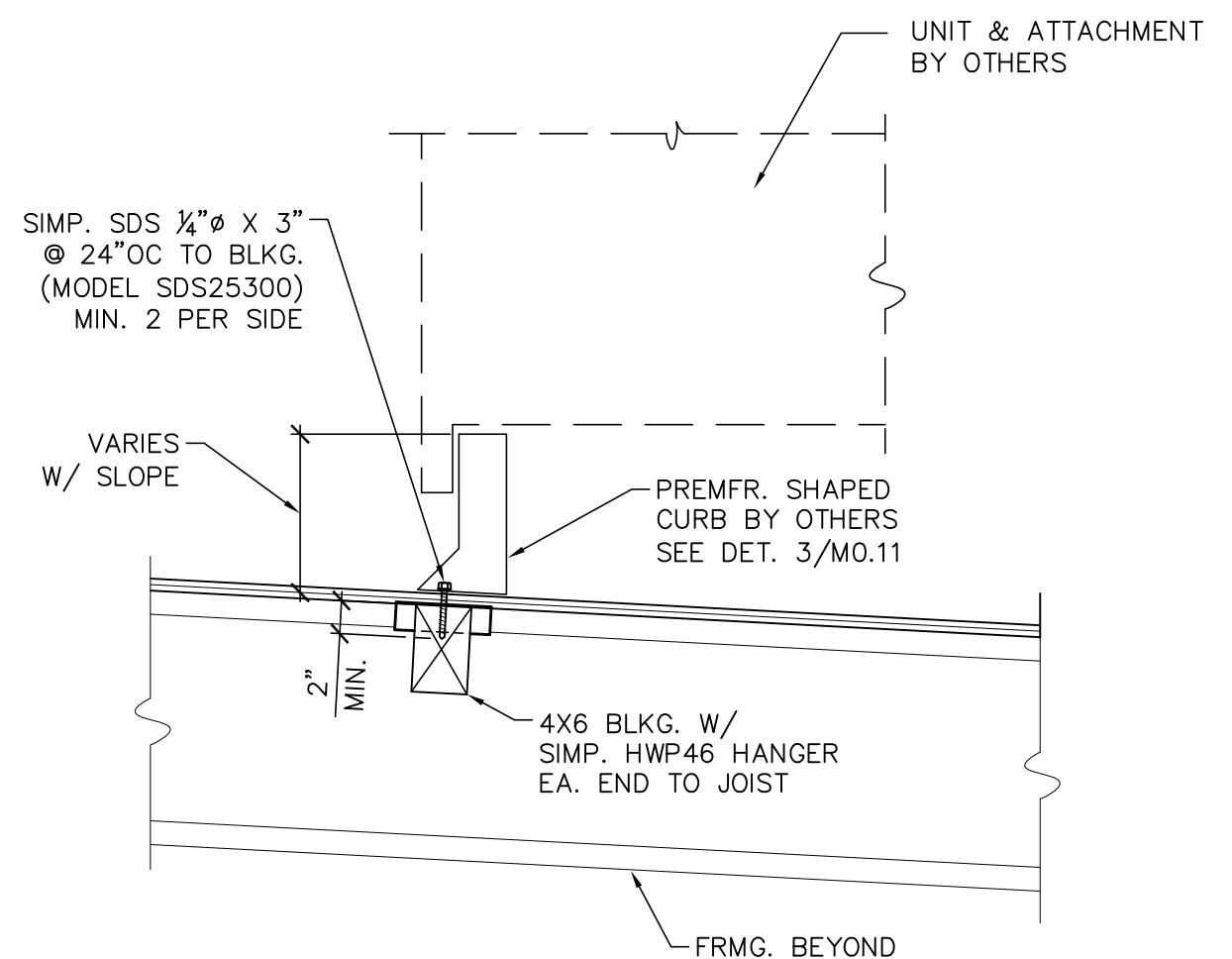
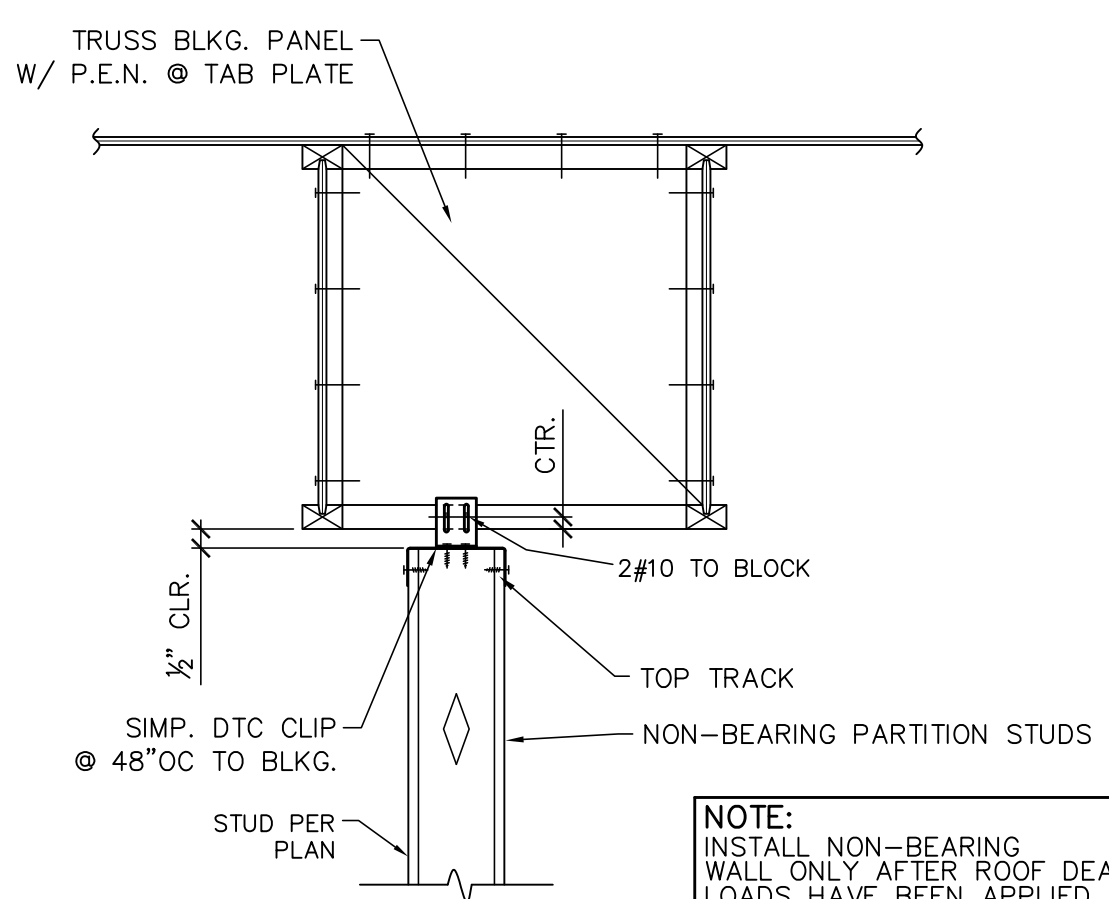
TYPE	THICK-NESS	PANEL INDEX	GRADE	WIDTH FRAM'G MEMBER	SIZE	TYPE	CONNECTOR			REMARKS
							SPACING BDRY	EDGE	FIELD	
1	5/8"	40/20	CDX STRUCT I	2X	10d	CMN	6	6	12	UNBLOCKED

1. PROVIDE FRAMING MEMBERS AT MINIMUM WIDTH INDICATED AT ALL PLYWOOD EDGES.
2. BLOCKED - USE 2X4 FLAT BLOCKING AT AREAS INDICATED AS BLOCKED.
3. EDGE - REFERS TO PLYWOOD EDGE NAIL (P.E.N.) SPACING
4. FIELD - REFERS TO PLYWOOD FIELD NAIL SPACING
5. CMN - REPRESENTS COMMON NAILS
6. SMS - REPRESENTS SHEET METAL SCREWS
7. MINIMUM PANEL WIDTH SHALL BE 24".

NON-BEARING WALL PERPENDICULAR TO FRMG. 7
N.T.S. S1.04

TYPICAL SMALL ROOF OPENING 24" MAX. 4
N.T.S. S1.04

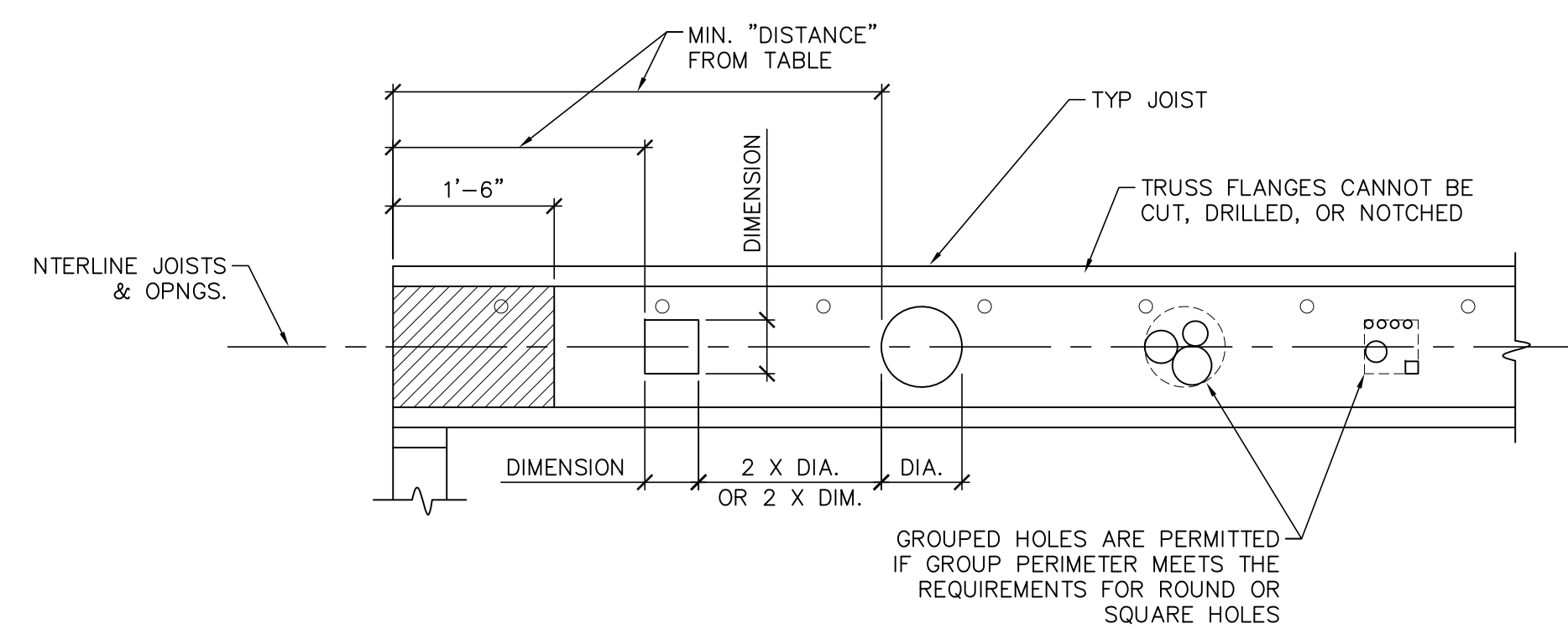
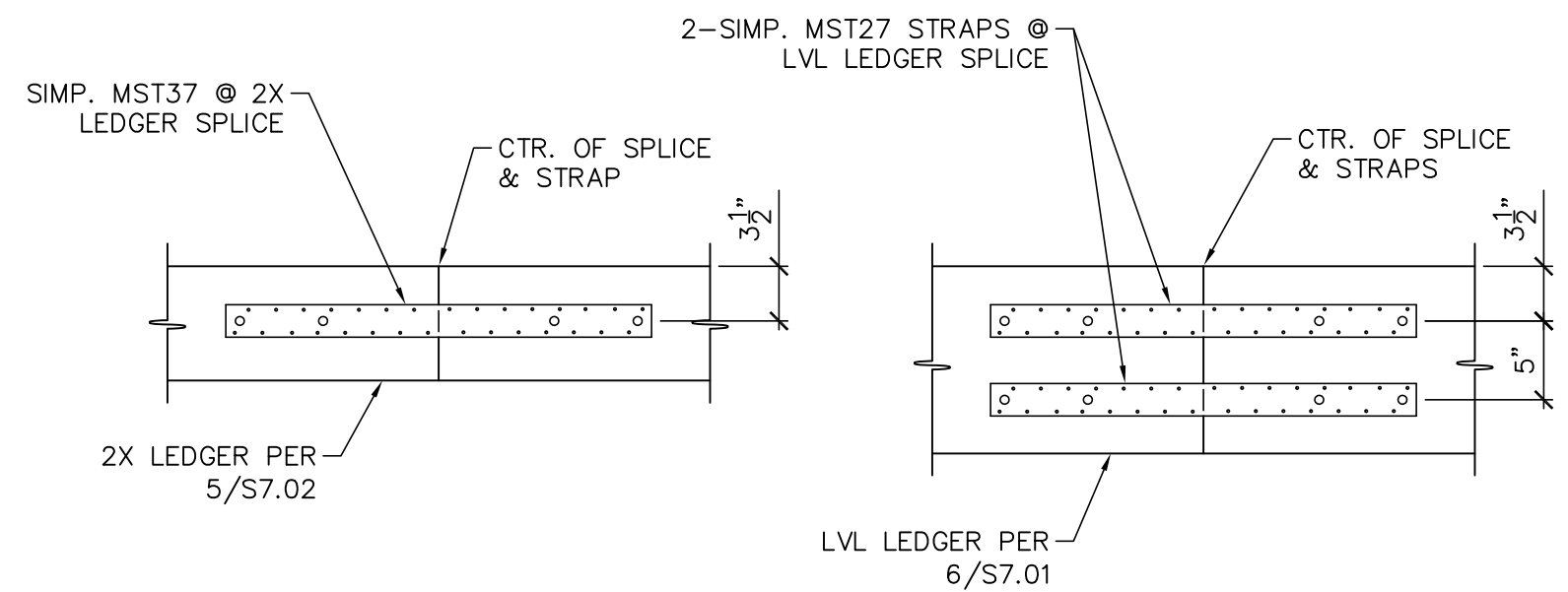
ROOF PLYWOOD SCHEDULE 1
N.T.S. S1.04



NON-BEARING PARTITION PARALLEL TO FRMG. 8
N.T.S. S1.04

MECHANICAL UNIT ATTACHMENT 5
N.T.S. S1.04

TYPICAL WALL SHEATHING 2
N.T.S. S1.04



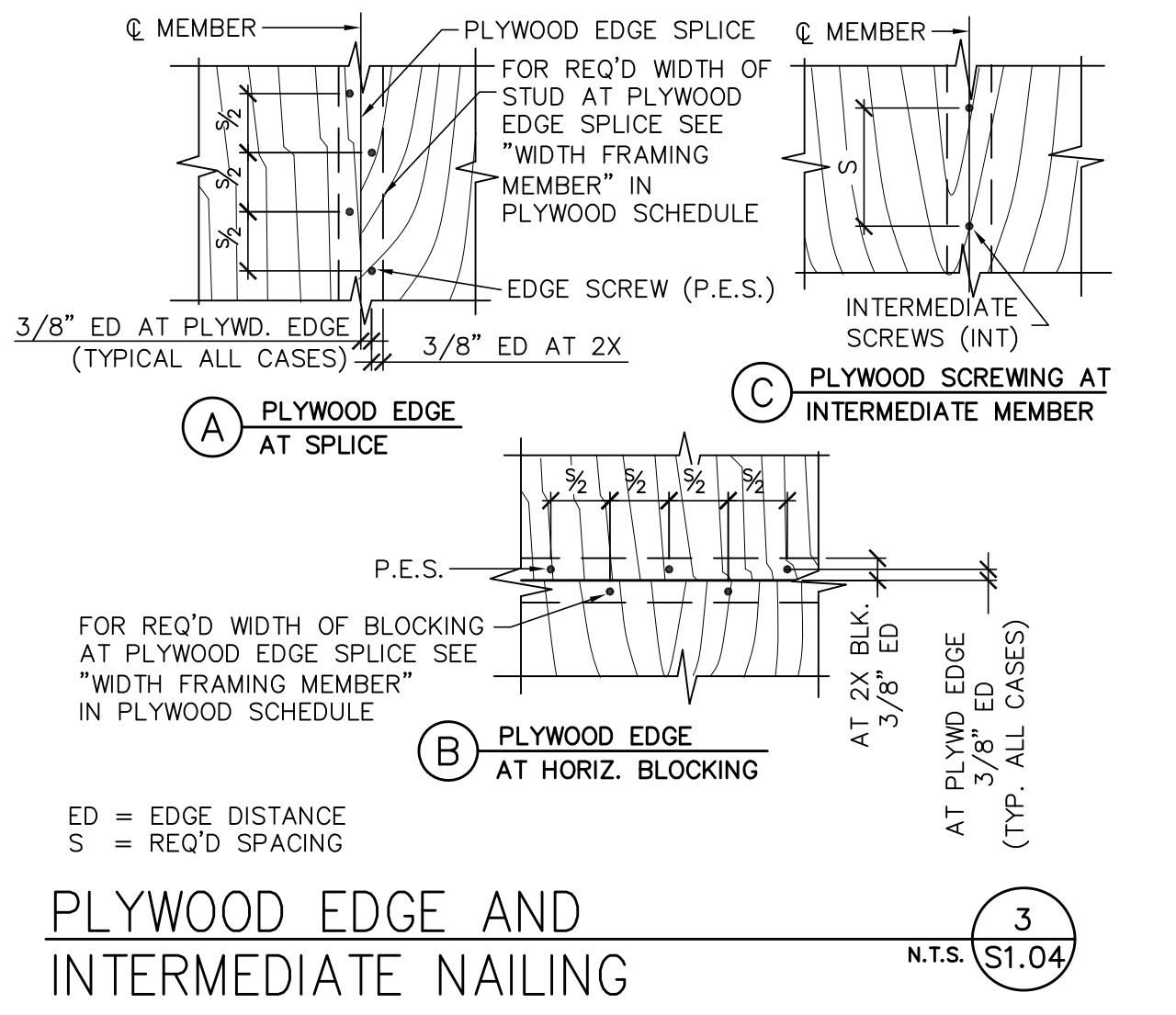
	DIAMETER OR DIMENSION			
ROUND HOLES	2"φ	4"φ	6"φ	8"φ
SQUARE HOLES	1.25"	2.5"	4"	5"
DISTANCE	2'-0"	3'-0"	4'-6"	6'-6"

1. THE STRICTER REQUIREMENTS BETWEEN THESE REQUIREMENTS, AND THE TRUSS MANUFACTURERS REQUIREMENTS, SHALL TAKE PRECEDENCE.
2. THE CONTRACTOR SHALL READ AND FOLLOW ALL MANUFACTURERS REQUIREMENTS FOR ALLOWABLE PENETRATIONS.

SIZE	USE	SPECIES	GRADE
ALL	NAILERS	P.T. DOUGLAS FIR	NO. 2 OR BETTER
ALL	JOISTS, BLOCKING, MISC.	DOUGLAS FIR	NO. 2 OR BETTER
SAWN	BEAMS	DOUGLAS FIR	NO. 1 OR BETTER

LUMBER SCHEDULE 10
N.T.S. S1.04

ALLOWABLE HOLES IN JOISTS 6
N.T.S. S1.04



PLYWOOD EDGE AND INTERMEDIATE NAILING 3
N.T.S. S1.04

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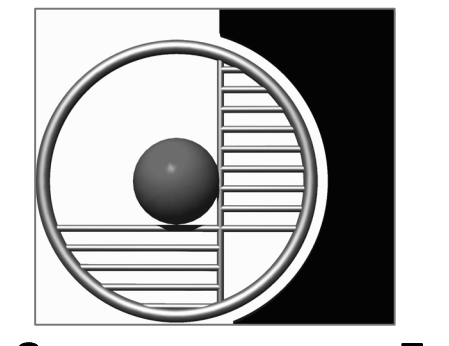
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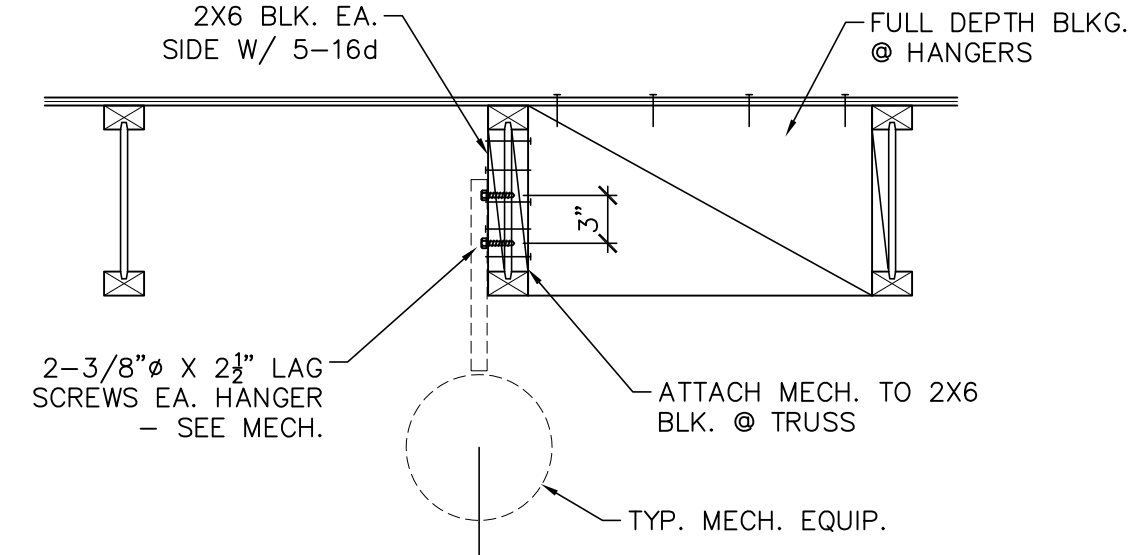
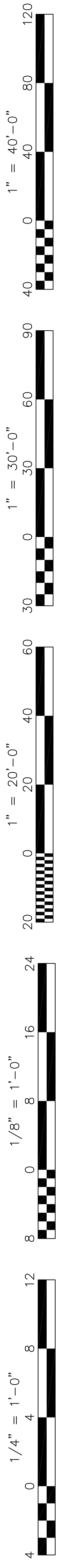
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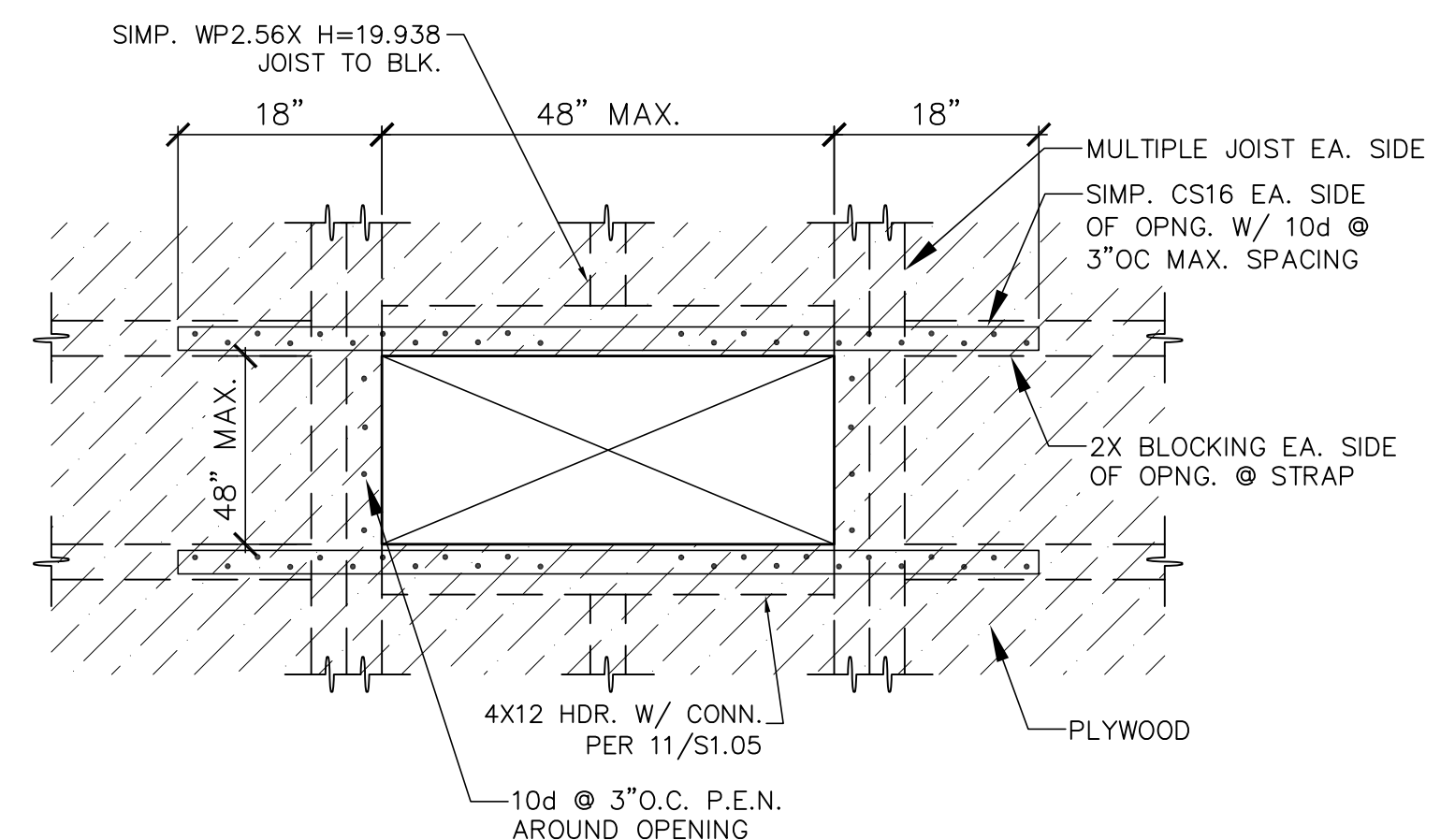
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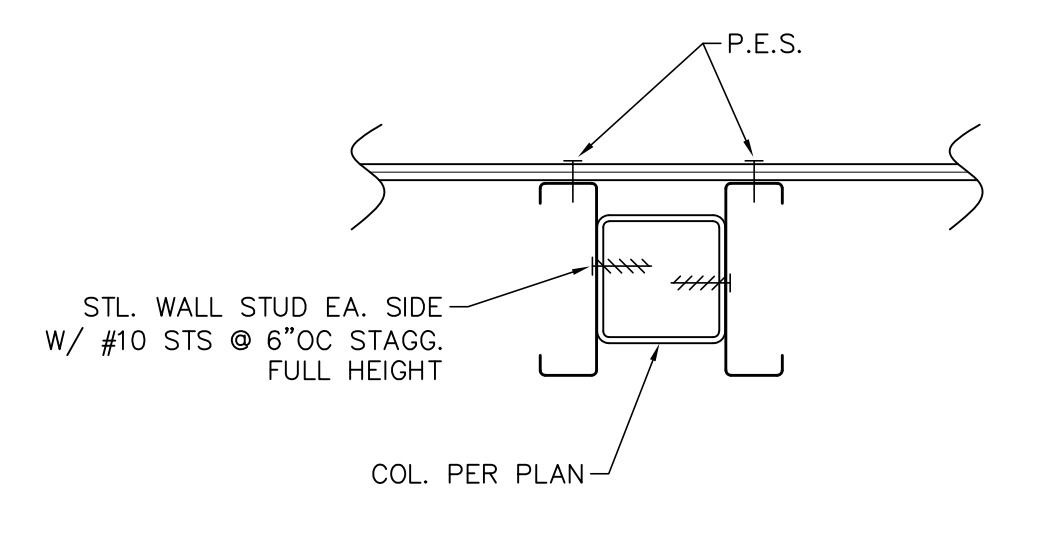
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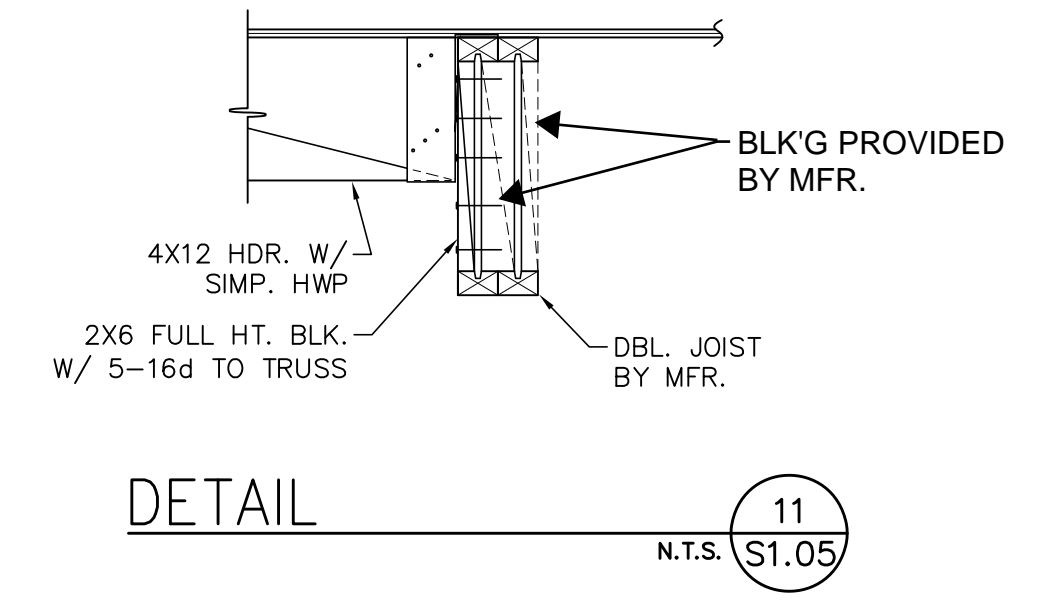
TYP. MECHANICAL HANGER DETAIL (8) N.T.S. S1.05



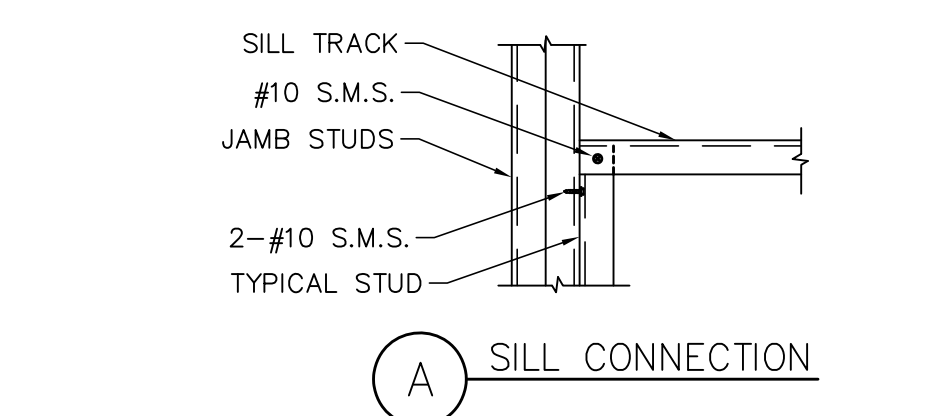
TYPICAL LARGE ROOF OPENING (9) 48\"/>



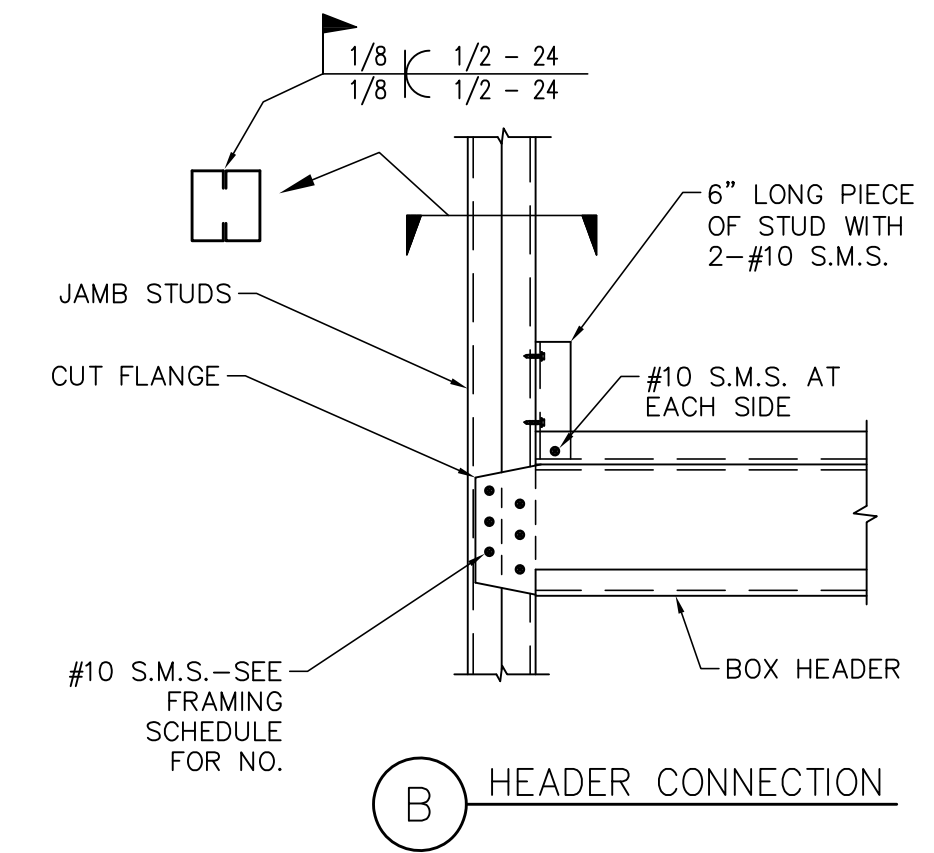
TYPICAL STUD TO STEEL COLUMN (10) N.T.S. S1.05



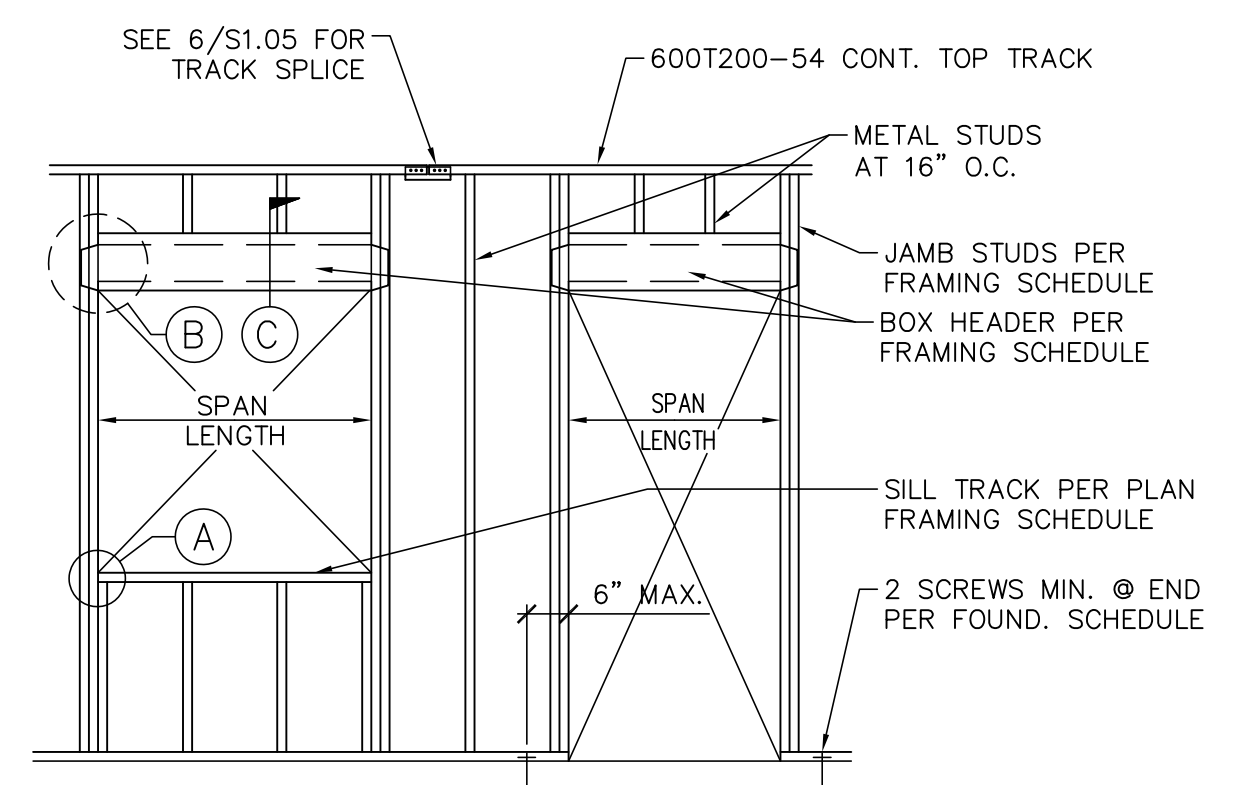
DETAIL (11) N.T.S. S1.05



(A) SILL CONNECTION



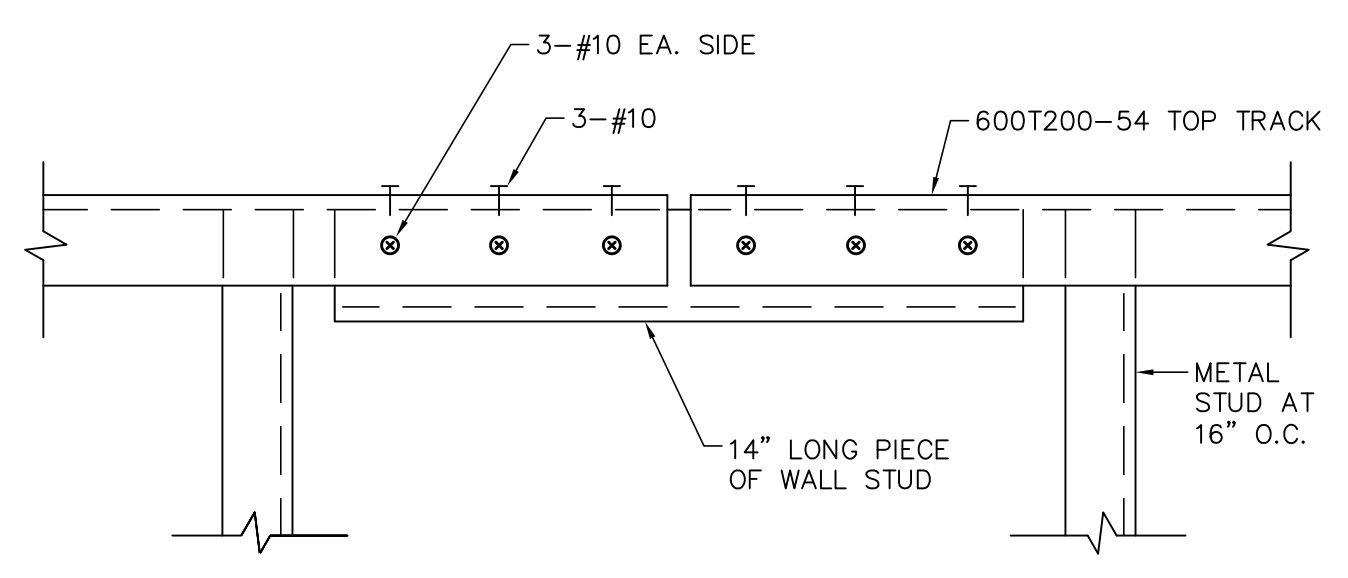
(B) HEADER CONNECTION



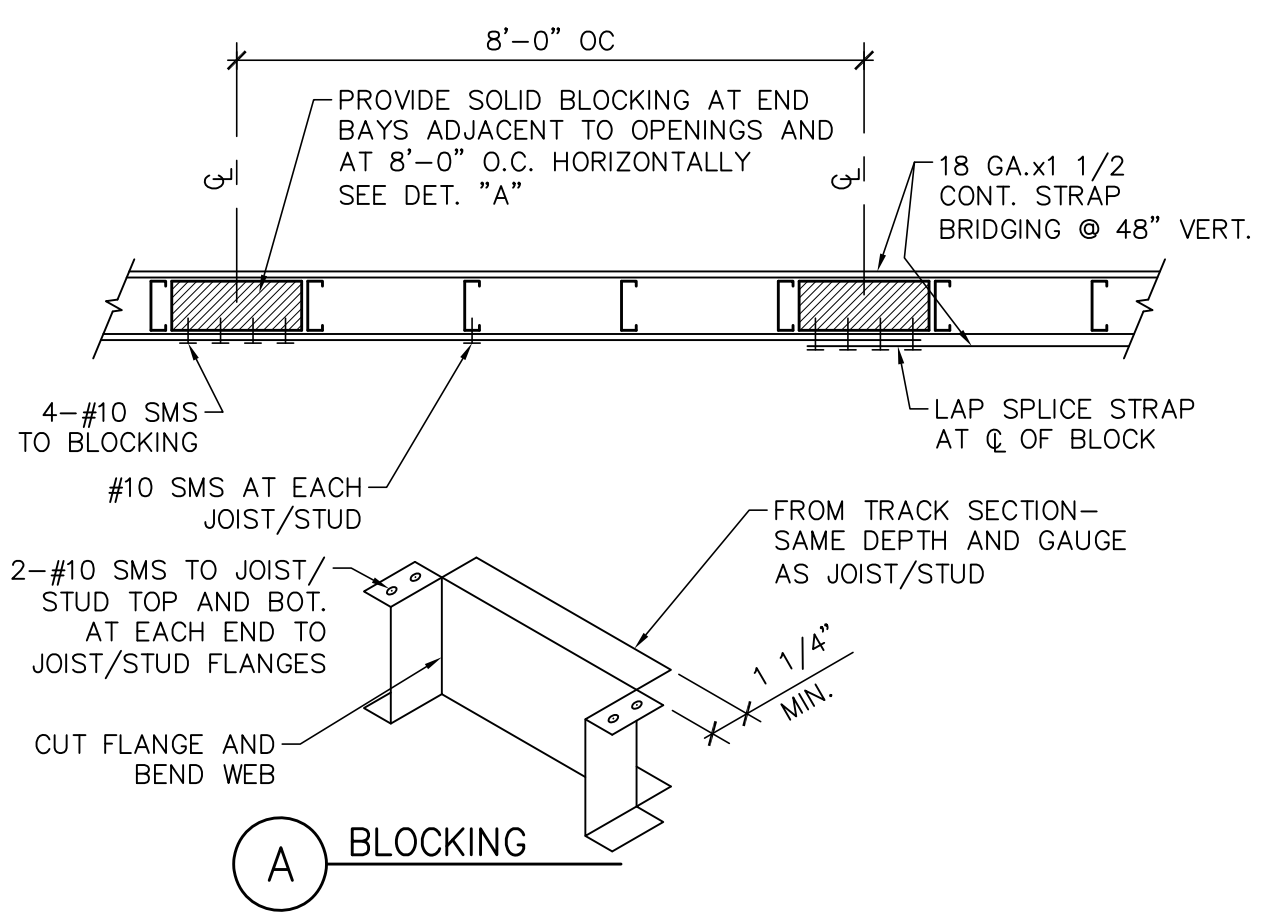
(C) BOX HEADER

WALL TYPE	SPAN LENGTH	BOX HEADER		JAMB STUDS	SILL TRACK	NO. #10 S.M.S. AT EACH JOIST TO JAMB
		DBL. JOIST	TRACK			
6\"/>						

TYP. METAL STUD WALL FRAMING (3) N.T.S. S1.05

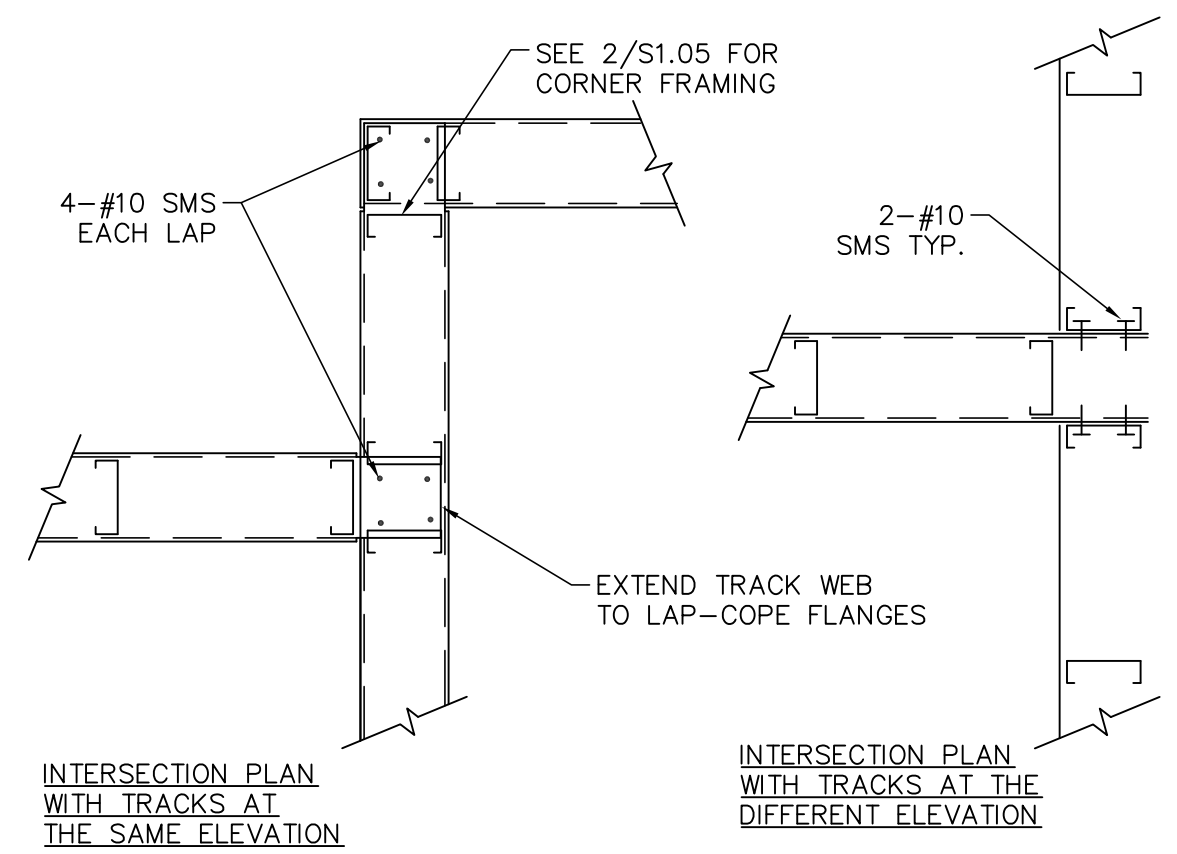


TYP. TOP PLATE TRACK SPLICE (6) N.T.S. S1.05

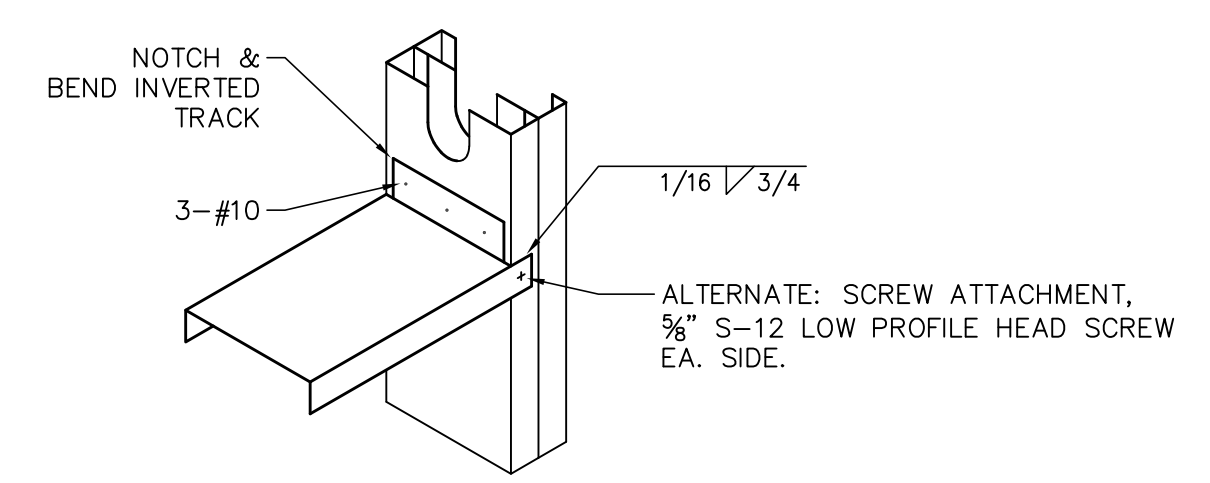


(A) BLOCKING

BLKG./STRAP BRIDGING @ UNSHEATHED WALLS (7) N.T.S. S1.05

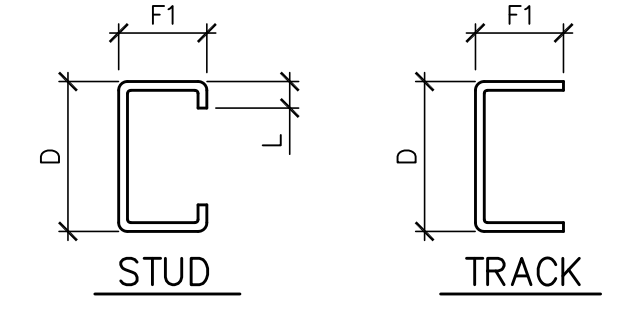


TYP. TOP TRACK INTERSECTION AT PARTITION WALLS (4) N.T.S. S1.05



TYP. STEEL STUD BLOCKING (5) N.T.S. S1.05

MARK	GAUGE	MIN. INCHES THICK	DIMENSIONS IN INCHES			MIN. GROSS SECTION PROPERTIES		ASTM SPEC	Fy (ksi)
			L	D	F1	I x in ⁴	S in ³		
Steel Studs									
350S125-33	20	0.0346	0.188"	3.500"	1.25"	0.382	0.175	A653	33
400S162-33	20	0.0346	0.5"	4.000"	1.625"	0.692	0.346	A653	33
400S162-43	18	0.0451	0.5"	4.000"	1.625"	0.892	0.446	A653	33
600S162-33	20	0.0346	0.5"	4.000"	1.625"	1.793	0.598	A653	33
600S162-43	18	0.0451	0.5"	6.000"	1.625"	2.316	0.772	A653	33
600S162-68	14	0.0566	0.5"	6.000"	1.625"	3.525	1.175	A653	33
800S200-43	18	0.0451	0.625"	8.000"	2"	5.302	1.293	A653	33
1200S200-54	16	0.0566	0.625"	12.000"	2"	17.662	2.944	A653	33
Tracks									
400T125-33	20	0.0346	-	4.000"	1.25"	0.549	0.265	A653	33
600T200-43	18	0.0451	-	6.000"	2"	2.494	0.809	A653	33
600T200-54	16	0.0566	-	6.000"	2"	2.759	0.759	A653	33



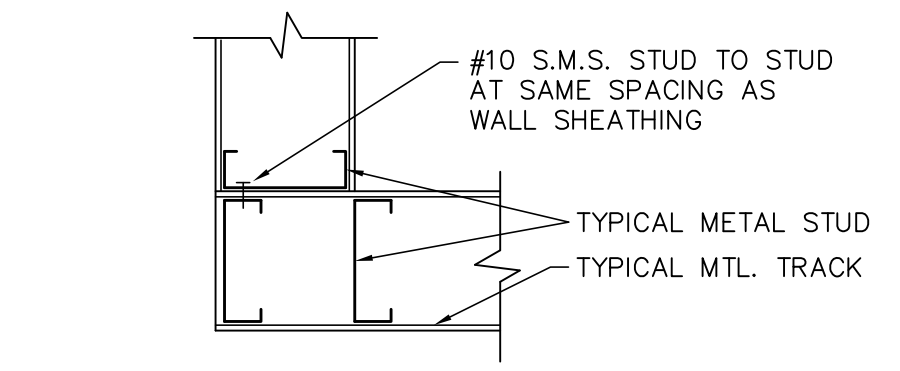
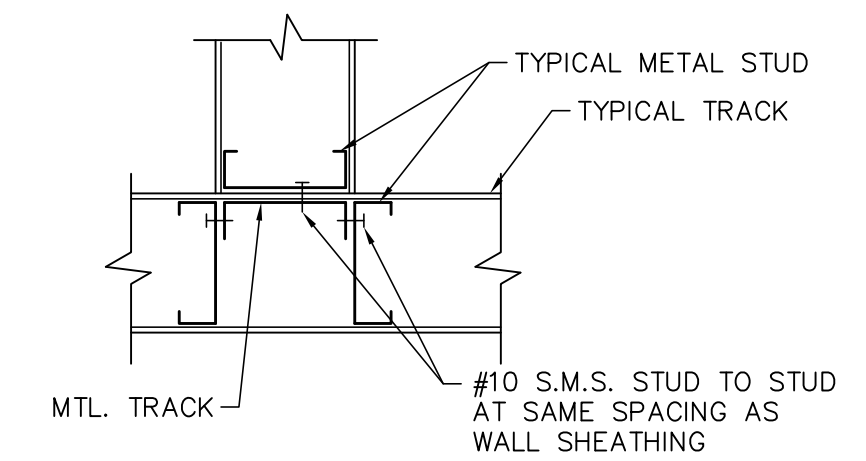
- NOTES
- ALL SECTIONS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE LATEST A.I.S.I. SPECIFICATION.
 - BENT, KINKED, DISTORTED, OR DAMAGED SECTIONS SHALL NOT BE USED.
 - STUDS MAY HAVE 1 1/2"x4" WEB CUT OUTS AT 24" O.C. CUT OUTS SHALL NOT BE CLOSER THAN 12" FROM SECTION ENDS.
 - SECTION PROPERTIES ARE BASED UPON THE "STEEL STUD MANUFACTURER'S ASSOCIATION" (SSMA) CATALOG OF PARTICIPATING PRODUCERS. (PER ICC REPORT NO. ESR-3064P)
 - FASTENERS SHALL BE HILTI BRAND AS MANUFACTURED BY HILTI, INC., 5400 SOUTH 122 NORTH EAST AVENUE, TULSA, OKLAHOMA 74146. SEE TABLE BELOW.
 - WHERE 6" STUDS AND TRACKS ARE SPECIFIED, USE 600S162-54 AND 600T200-54, RESPECTIVELY.
 - SMS - SHEET METAL SCREW.
STS - SELF TAPPING SCREW. SEE TABLE BELOW.

METAL TO METAL FASTENER SIZE*	
METAL THICKNESS "T"	SCREW TYPE
T < 12 GA.	#10 W/ #2 POINT
12 GA. < T < 1/4"	#10 W/ #3 POINT
1/4" < T < 1/2"	#10 W/ #5 POINT

METAL TO WOOD FASTENER SIZE*	
METAL THICKNESS "T"	SCREW TYPE
18 GA.	#10 X 1 1/2" STS

*MIN. SCREW HEAD DIAMETER SHALL BE 5/16"

LIGHT GAGE METAL FRAMING (1) N.T.S. S1.05



STUD INTERSECTION (2) N.T.S. S1.05

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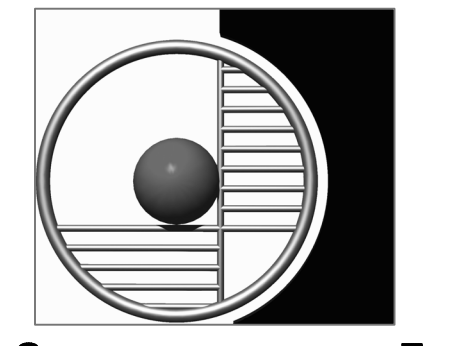
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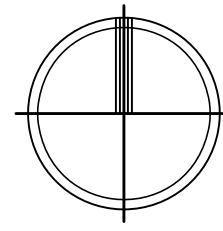
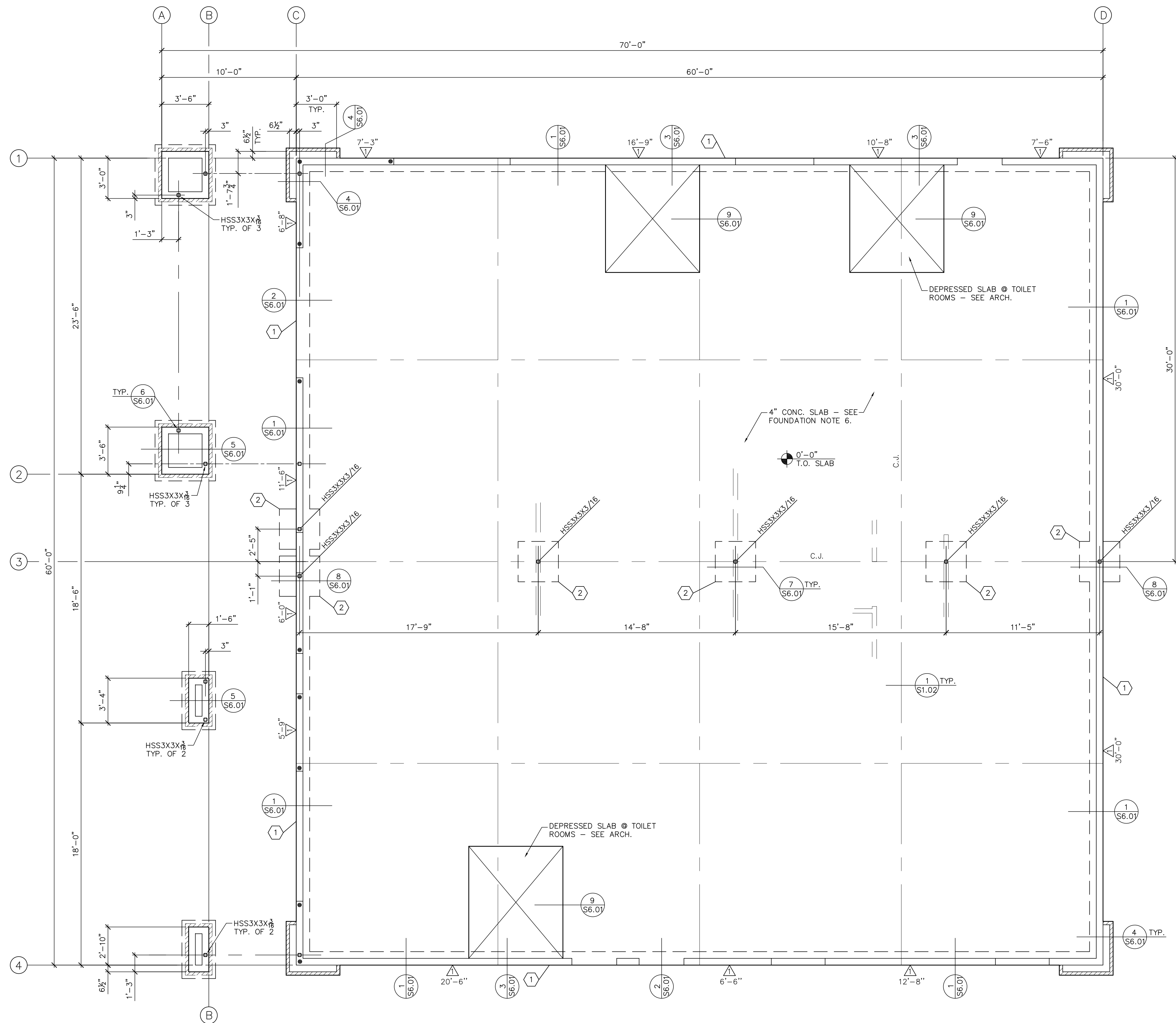
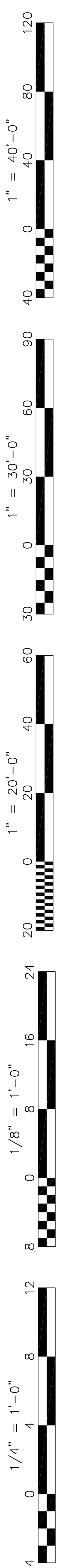
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FOUNDATION PLAN

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

FOUNDATION NOTES

- REFER TO GENERAL NOTES AND TYPICAL DETAILS ON SHEET S1.01 THRU S1.05.
- SEE DETAIL 5/S1.03 WHERE PIPES INTERSECT FOOTING.
- ALL EMBEDDED ITEMS MUST BE TIED IN PLACE AND SECURE PRIOR TO FOUNDATION INSPECTION.
- SEE 1/S1.02 FOR METHOD OF POURING CONCRETE SLABS ON GRADE.
- PLYWOOD WALL SHEATHING IS TO BE APPLIED OVER THE ENTIRE WALL.
- 4" (MIN.) THICK CONCRETE SLAB WITH #3 BARS AT 16"OC EACH WAY SET 1 1/2" DOWN FROM TOP OF SLAB. MAINTAIN MINIMUM SLAB THICKNESS AT SLOPED SLABS.
- DENOTES HOLDOWN TYPE "1" PER "HOLDOWN SCHEDULE", THIS SHEET.
- SEE 10/S1.05 FOR TYPICAL STEEL STUD TO COLUMN CONNECTION.
- ◁ DENOTES SHEAR WALL PER "SHEAR WALL SCHEDULE", THIS SHEET.

WALL SHEATHING SCHEDULE

TYPE	THICKNESS	PANEL INDEX	GRADE	WIDTH		NAILING		ANCHOR BOLTS		REFERENCE	ASD CAPACITY	
				FRAMING MEMBER	SIZE	TYPE	SPACING	DIA. EMBED.	DEPTH			
1	1/2"	32/16	CDX STRUCT 1 PLYWOOD	STEEL STUD	#10	SMS	6	12	1/4"	1"	8"OC SEE 2/S1.04	356 PLF

- NOTES:**
- PROVIDE FRAMING MEMBERS AT MINIMUM WIDTH INDICATED WHERE PLYWOOD SHEETS ARE SPLICED.
 - P.E.S. - PLYWOOD EDGE SCREW SPACING
 - INT - INTERIOR PLYWOOD SCREWS TO SUPPORTS, NOT OTHERWISE SPECIFIED. SEE 2/S1.04 FOR OTHER INFORMATION.
 - SMS - SHEET METAL SCREW (1" MIN. LENGTH)
 - SCREWS USED TO ATTACH SHEATHING SHALL BE IN ACCORDANCE WITH ASTM C1513.
 - 1/2" PLYWOOD IS ACCEPTABLE WITH DIMENSIONAL CONSIDERATION.

FOOTING SCHEDULE

MARK	PLAN DIM.	MIN. DEPTH	REINFORCEMENT
1	1'-0" WD.	1'-6"	2-#5 CONT. TOP & BOT.
2	3'-0" SQ.	1'-6"	3-#5 EA. WAY BOT.

HOLDOWN SCHEDULE

TYPE	SIMPSON HOLDOWN	MIN. POST	FASTENERS	ANCHOR BOLTS	DETAIL REFERENCE
			SCREWS TO POST ³		
1	S/HDU6	DBL. 600S162-68	12 - #14	5/8"	8/S1.03

- NOTES:**
- INSTALL HOLDOWN IMMEDIATELY ADJACENT TO END OF WALL, AS SHOWN ON FOUNDATION PLAN, ATTACH TO POST.
 - INSTALL PER MANUFACTURERS REQUIREMENTS AND GUIDELINES.
 - PROVIDE PLYWOOD EDGE SCREWS TO POST AT HOLDOWN.

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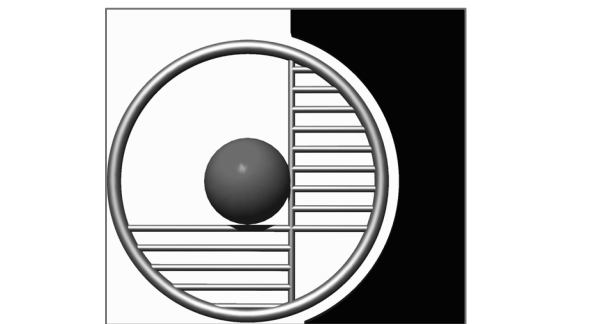
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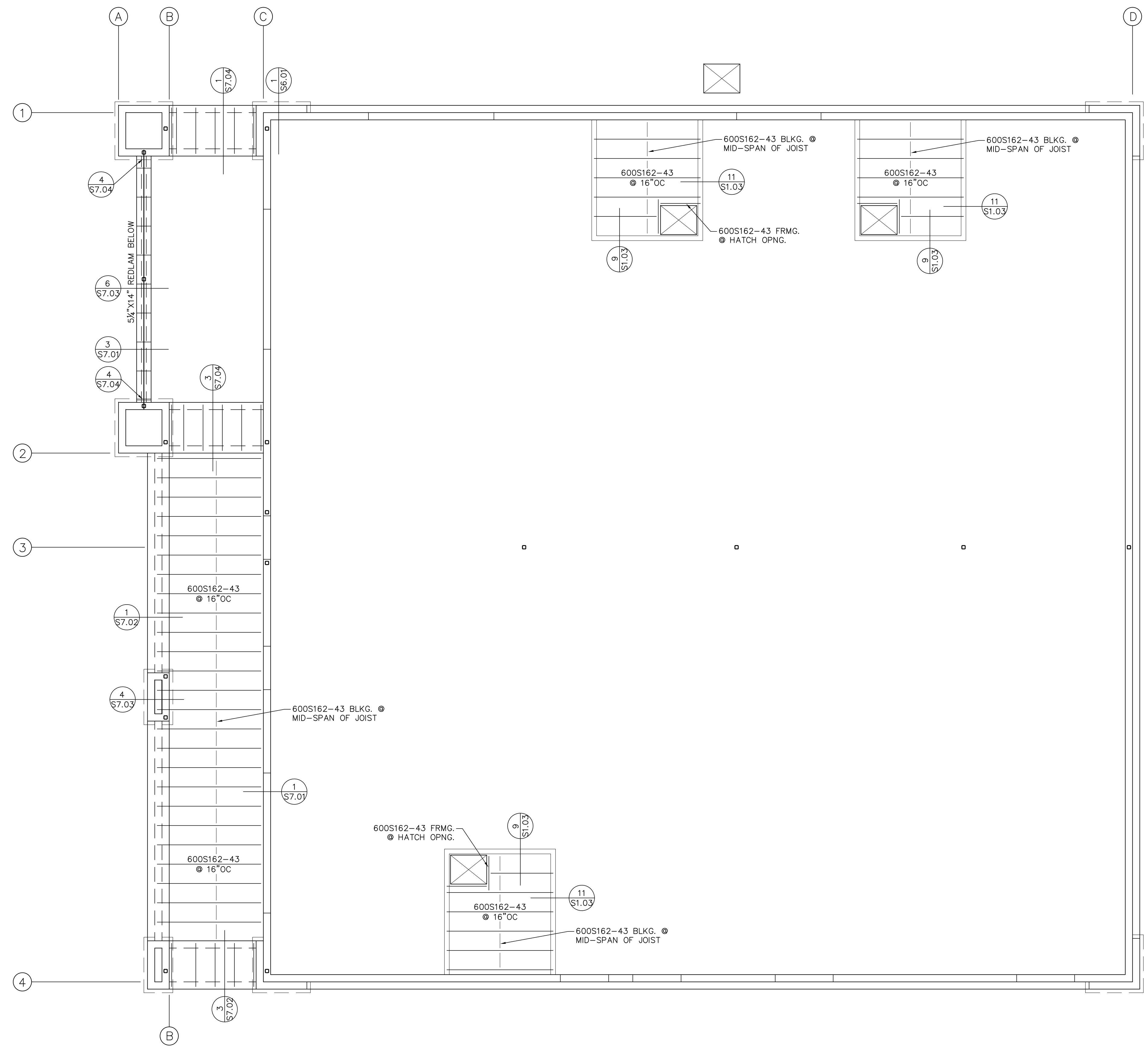
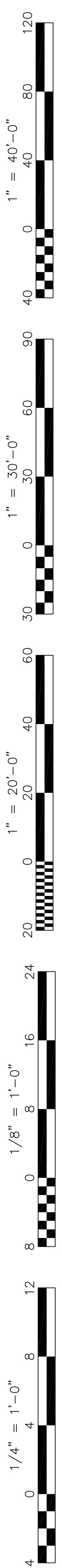
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FOUNDATION PLAN

Job No.: **5527**

Sheet No.: **S2.01**

Release: 12/22/22



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

CEILING FRAMING NOTES

1. REFER TO GENERAL NOTES ON SHEETS S1.01 THRU S1.05.
2. CONTRACTOR SHALL VERIFY FIRE SPRINKLER LINE LAYOUT AND PROVIDE FOR ADDITIONAL FRAMING AS REQUIRED FOR PROPER SUPPORT.
3. CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATIONS OF ALL ROOF SUPPORTED MECHANICAL AND ELECTRICAL EQUIPMENT.

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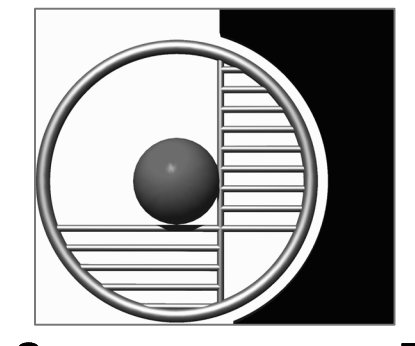
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**CEILING
 FRAMING PLAN**

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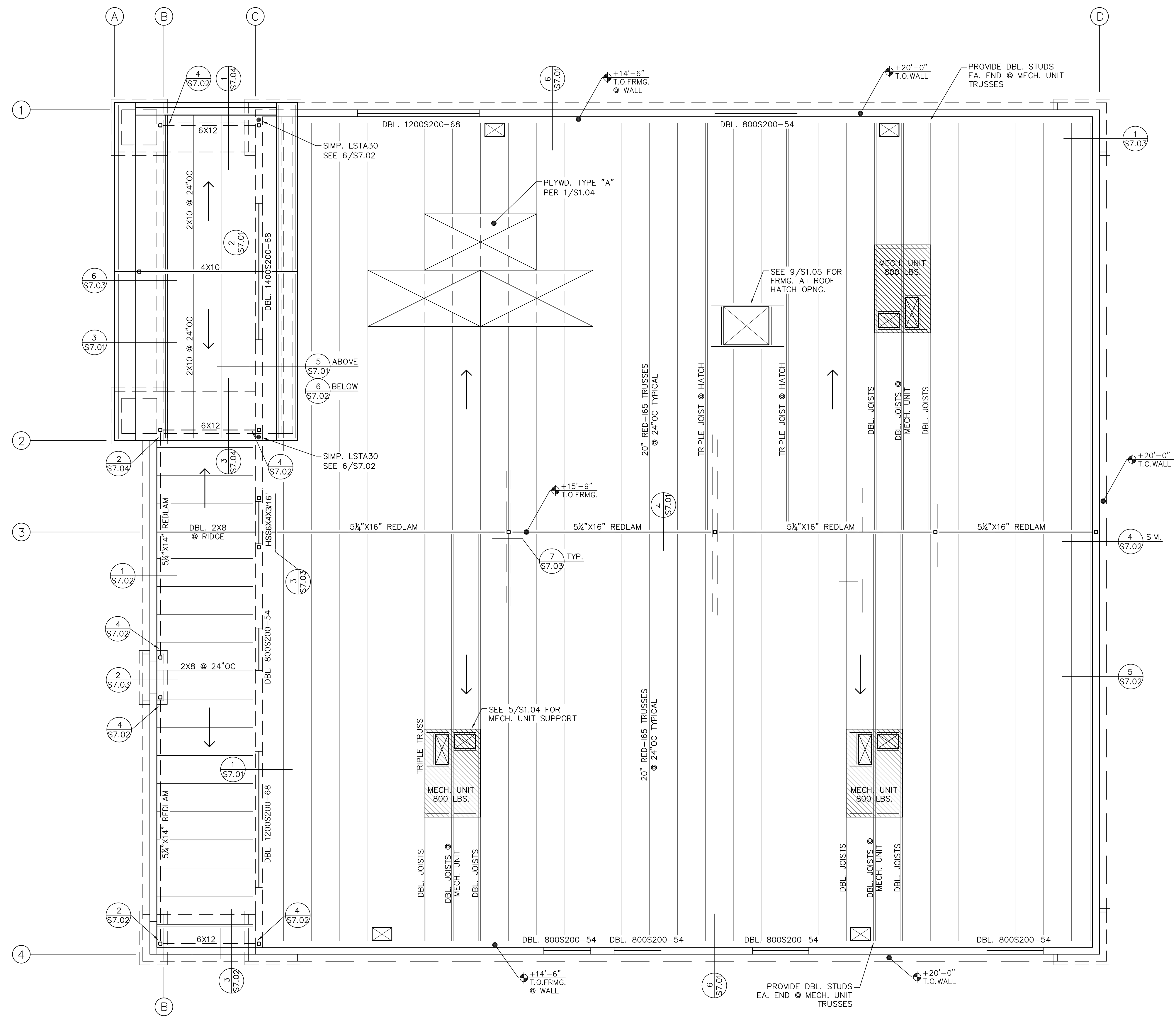
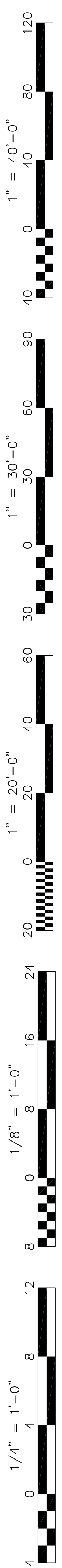
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ROOF FRAMING PLAN
 SCALE: 1/4"=1'-0"

ROOF FRAMING NOTES

- REFER TO GENERAL NOTES ON SHEETS S1.01 THRU S1.05.
- ALL ROOF FRAMING SPACES AS SHOWN ON PLANS SHALL BE AS MEASURED ON OF SLOPE.
- ALL ROOF SHEATHING SHALL BE TYPE "A" PER DETAIL 1/S1.04, U.N.O.
- SEE DETAIL 9/S1.05 FOR TYPICAL FRAMING AT ROOF OPENINGS.
- CONTRACTOR SHALL VERIFY FIRE SPRINKLER LINE LAYOUT AND PROVIDE FOR ADDITIONAL FRAMING AS REQUIRED FOR PROPER SUPPORT.
- CONTRACTOR SHALL VERIFY AND COORDINATE THE WEIGHTS & LOCATIONS OF ALL ROOF SUPPORTED MECHANICAL AND ELECTRICAL UNITS AND PROVIDE ADDITIONAL FRAMING AS REQUIRED FOR PROPER SUPPORT.
- REPRESENTS DIRECTION OF DOWNWARD SLOPE.
- ALL POST TO BEAM CONNECTIONS SHALL HAVE SIMPSON PC OR EPC CONNECTORS, U.N.O..
- USE SPLICE PER 6/S1.05 TYPICAL, U.N.O.
- ALL WALLS SHALL BE 600S162-43 STUDS @ 16" OC, U.N.O.
- PROVIDE COMPLETE TRUSS DRAWINGS AND CALCULATIONS. TRUSS DRAWINGS MUST BE APPROVED WITHIN 30 DAYS OF PERMIT ISSUANCE. NO INSPECTIONS WILL BE PERFORMED IF TRUSS DRAWINGS ARE NOT APPROVED AFTER 30 DAYS. TRUSS DRAWINGS MUST INCLUDE THE HANGERS FOR TRUSSES.
- APPROVED TRUSS DRAWINGS MUST BE ON JOB SITE FOR INSPECTION PURPOSES.

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 DIV. OF THE STATE ARCHITECT
 APP: 03-122605 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 05/11/2023

Owner:

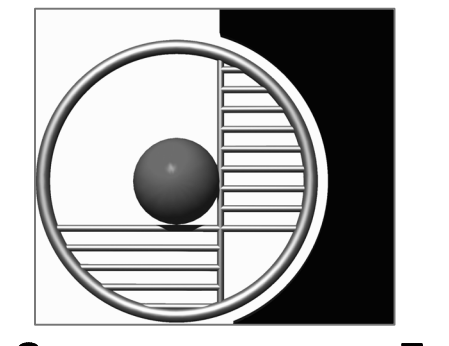


**BAKERSFIELD
 CITY SCHOOL
 DISTRICT**
 1300 BAKER ST.
 BAKERSFIELD, CA 93305

Project Name & Address:
WELLNESS CENTER

**DR. MARTIN LUTHER KING
 JR. ELEMENTARY**

1100 CITADELL,
 BAKERSFIELD, CA 93307



**integrated
 designs**
 by SOMAM, Inc.

**ARCHITECTURE
 ENGINEERING
 INTERIOR DESIGN**

6011 N. FRESNO STREET, SUITE 130
 FRESNO CALIFORNIA 93710
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 E: design@somam.com
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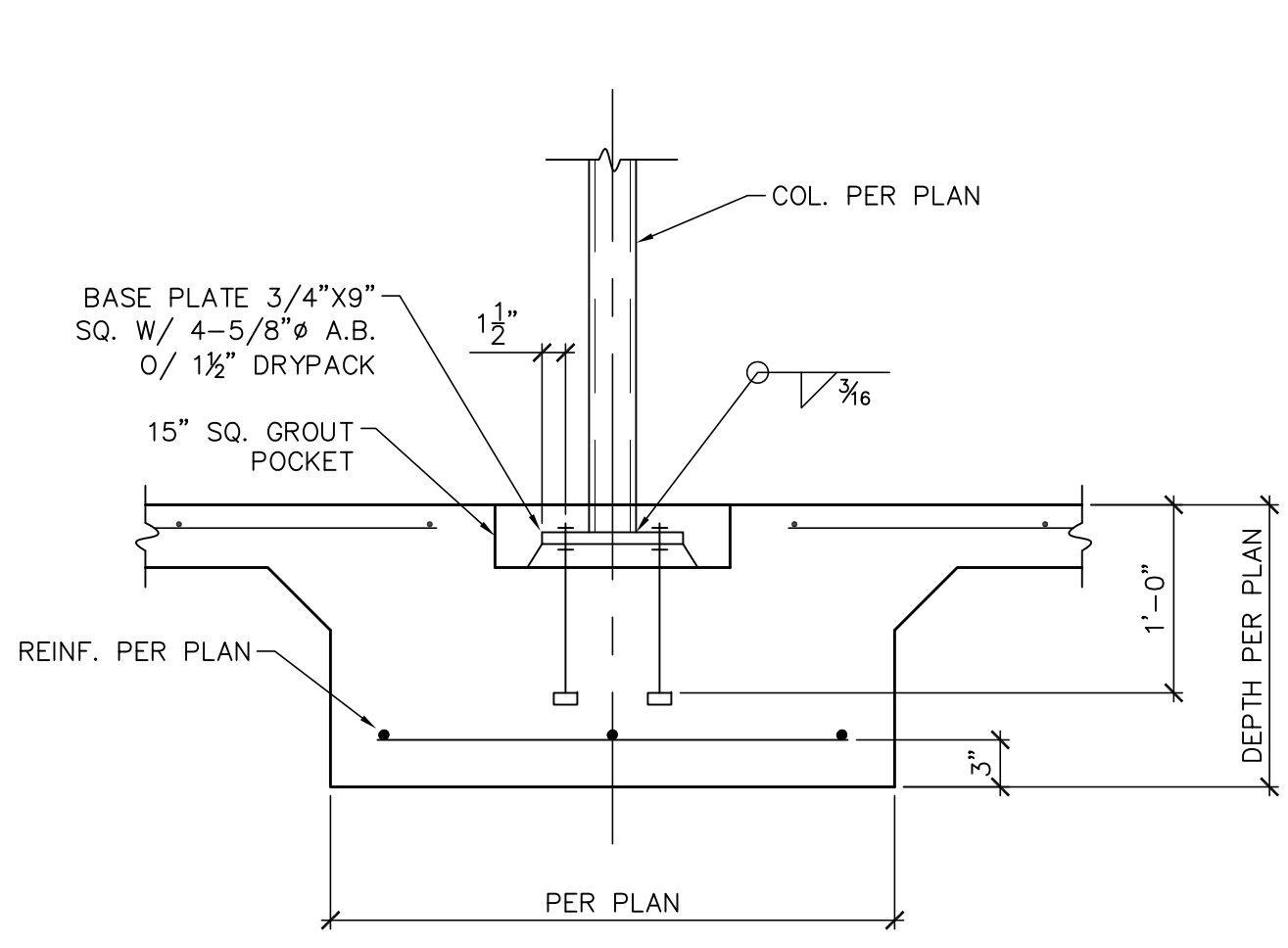
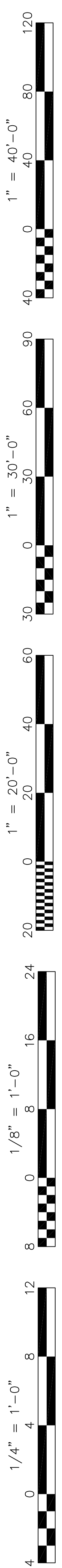


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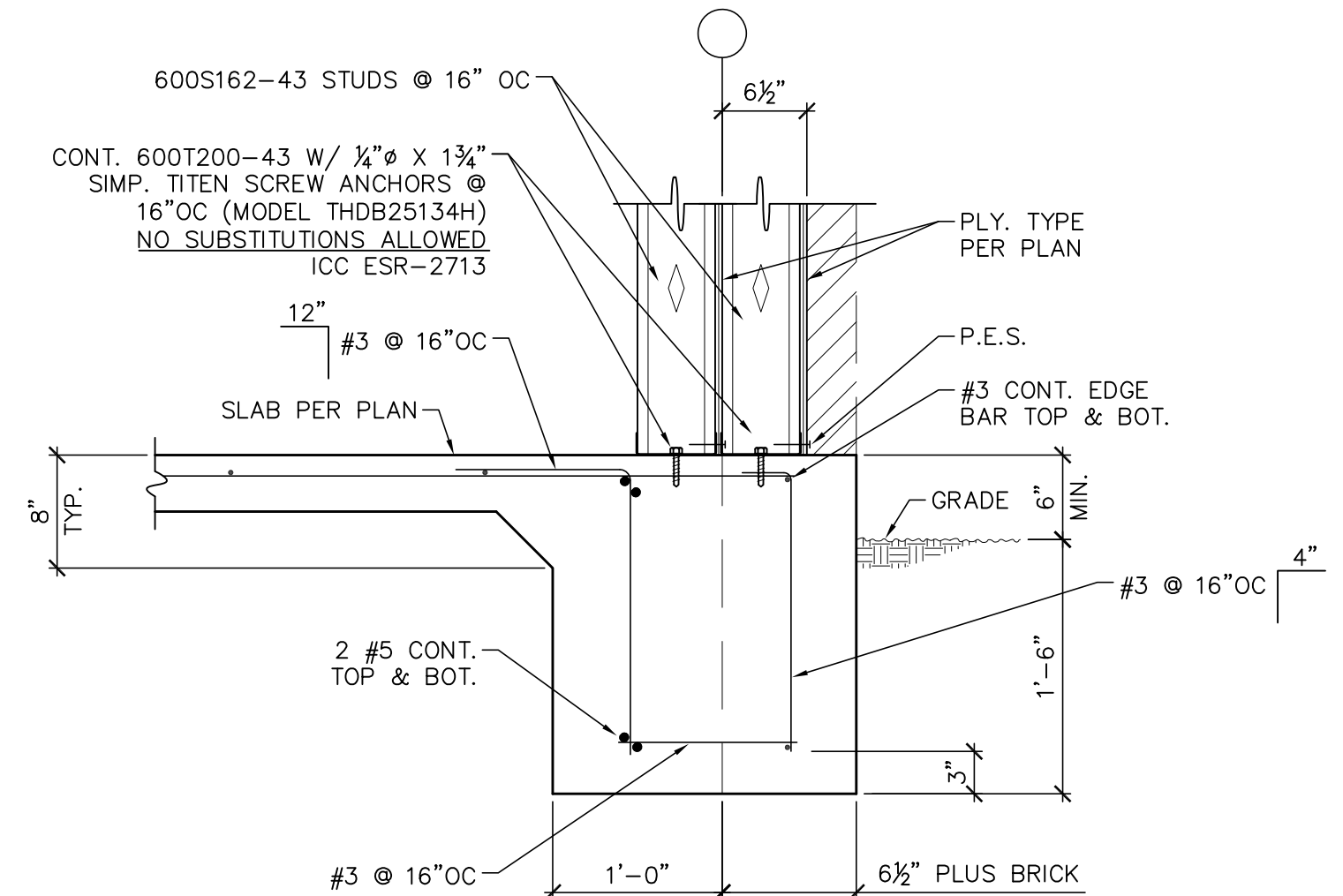
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5527

Sheet No.:
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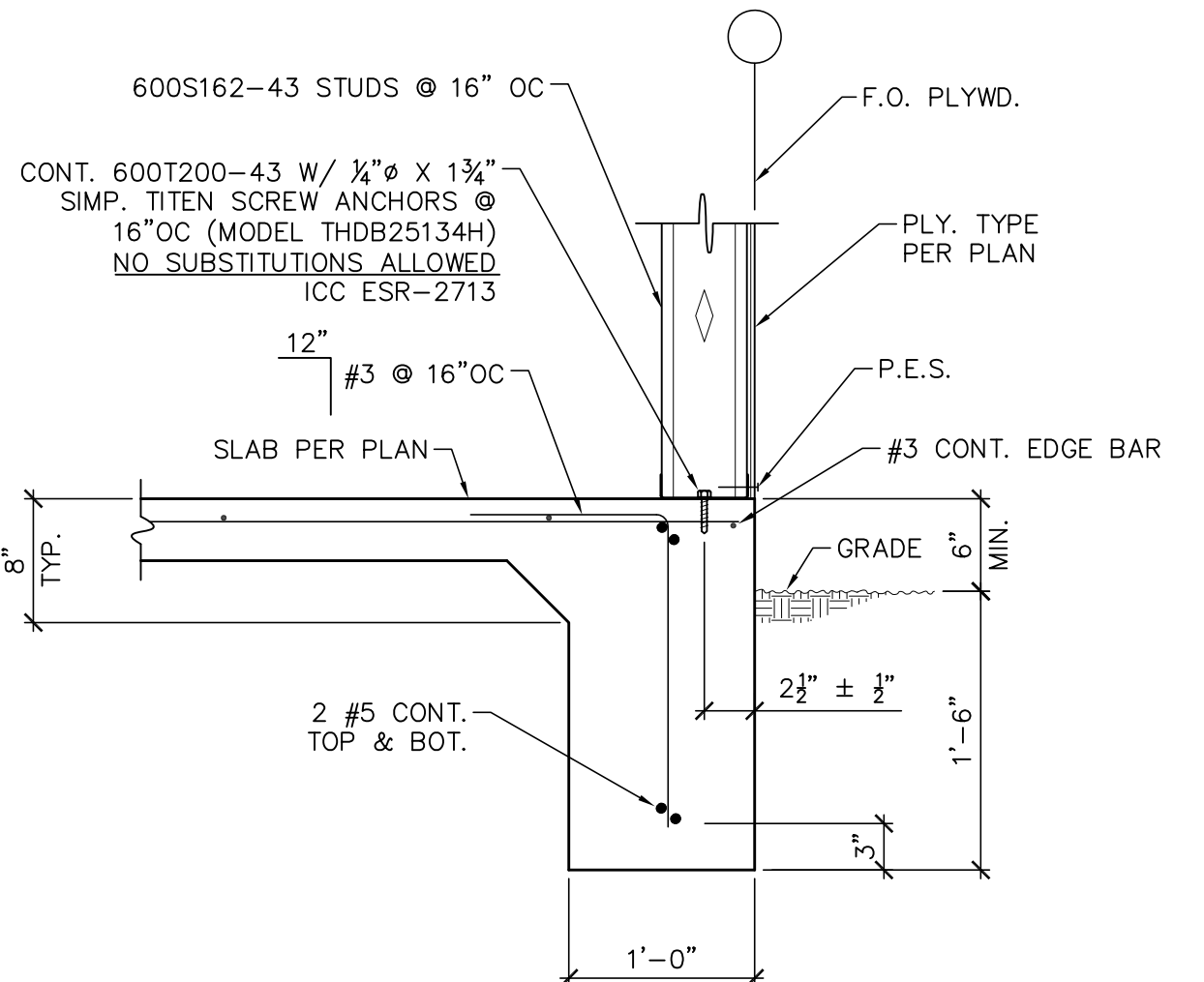
Release: 12/22/22



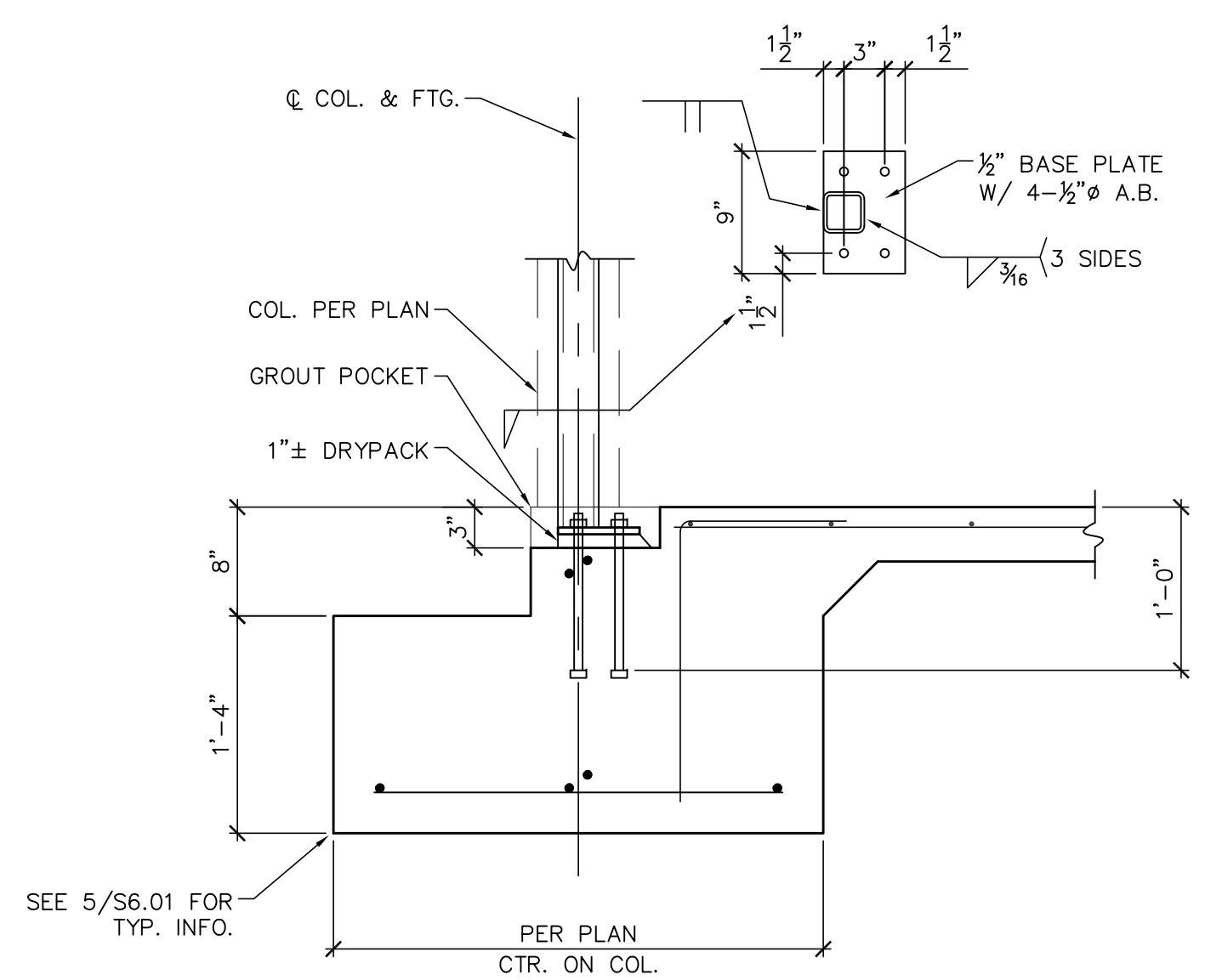
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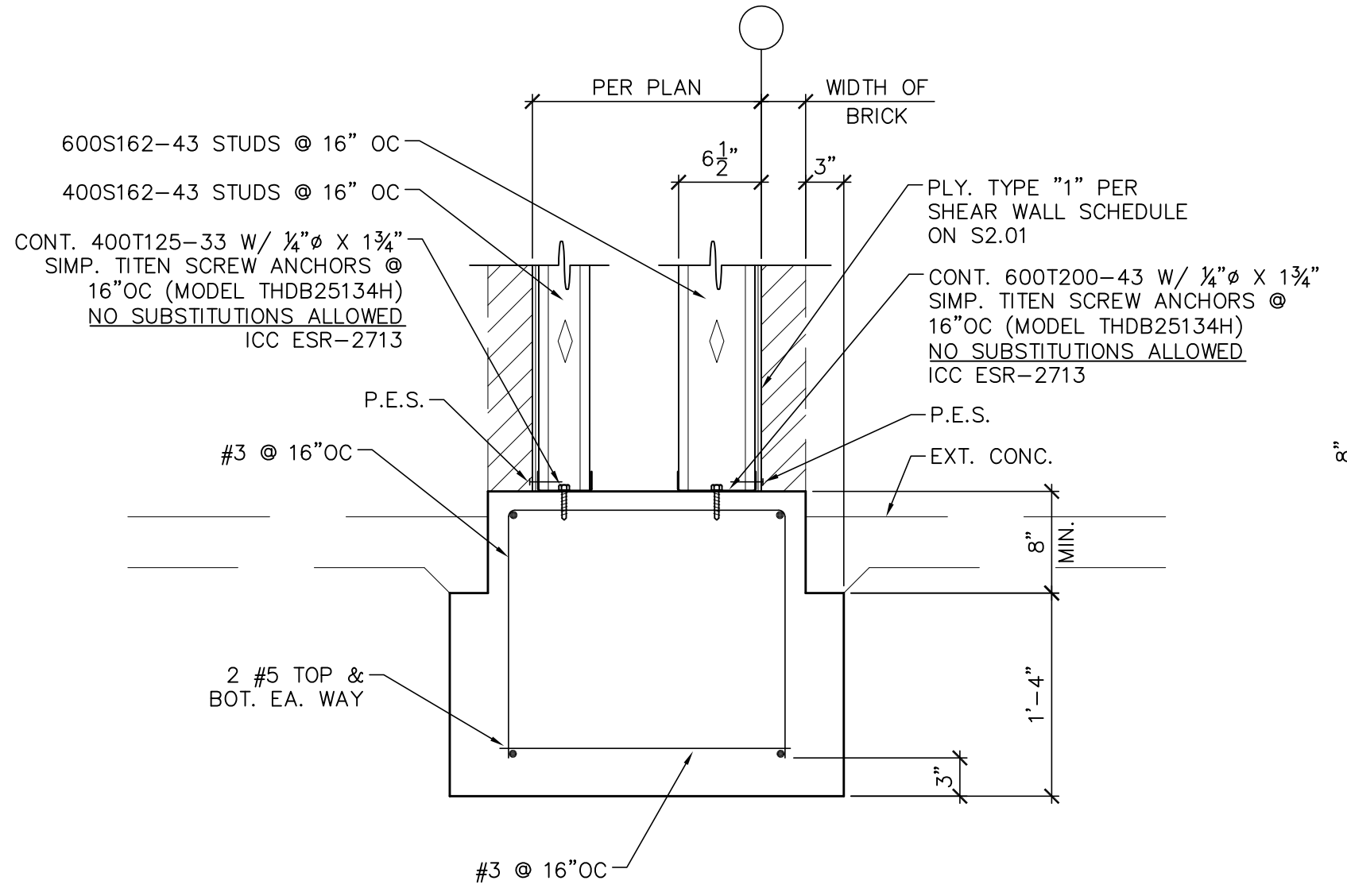
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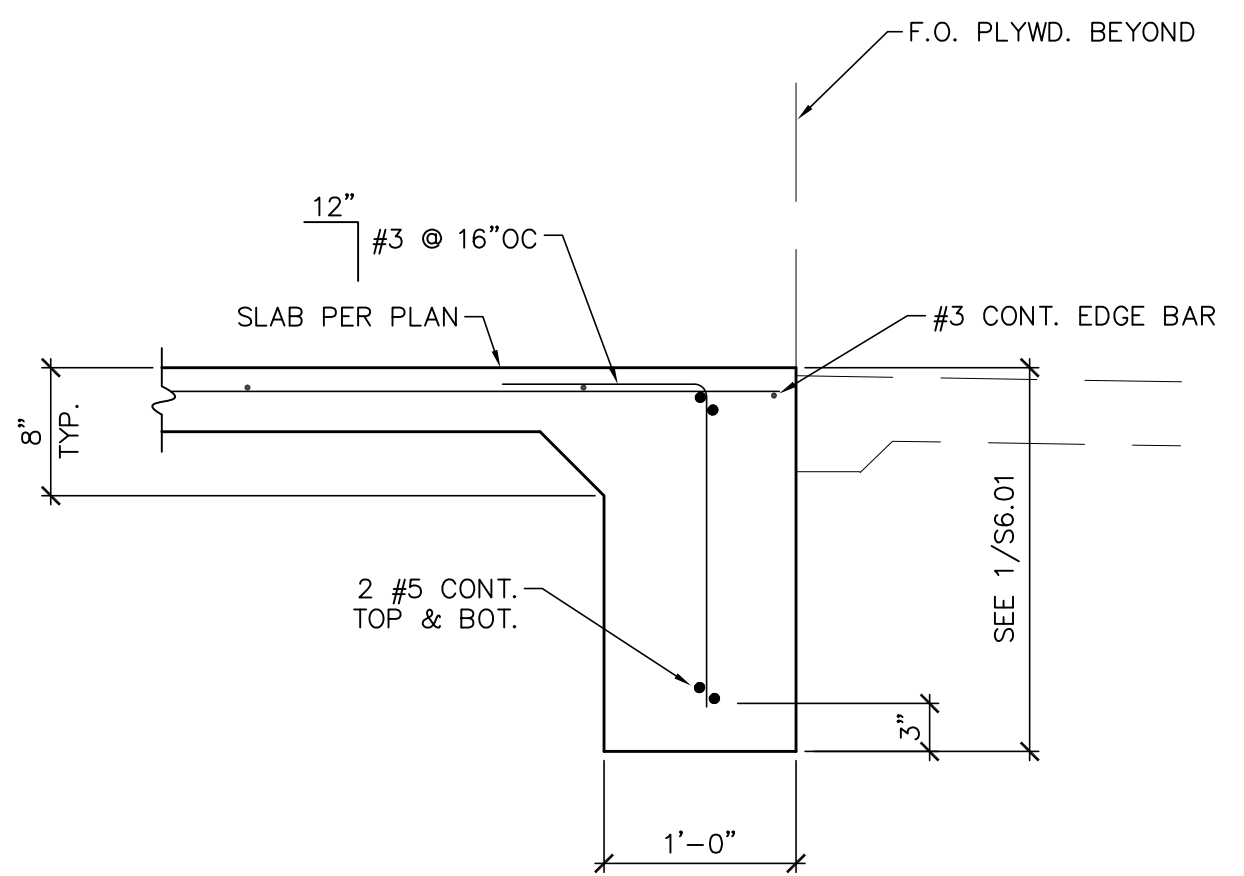
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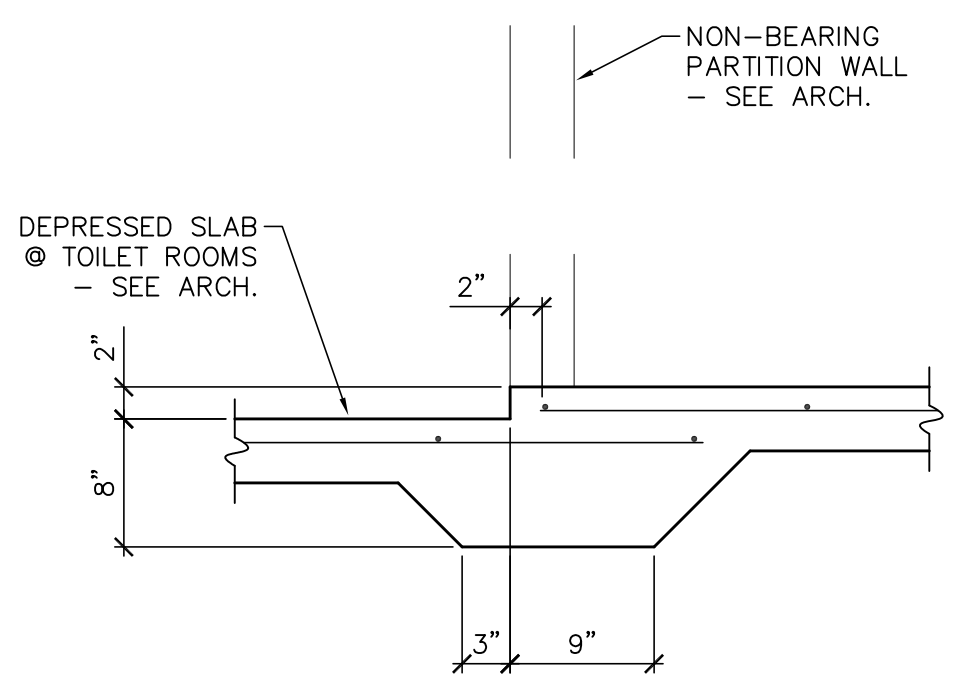
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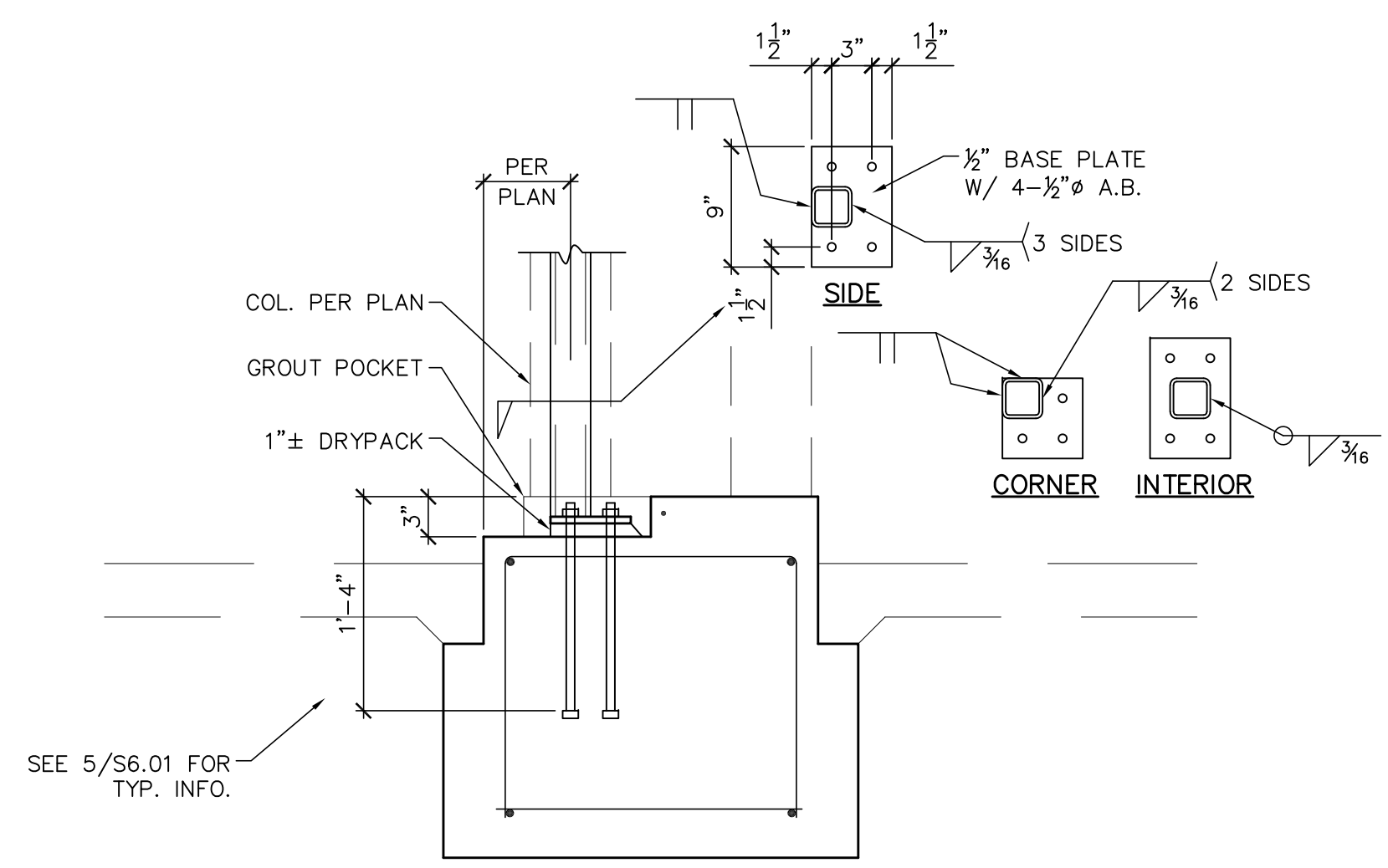
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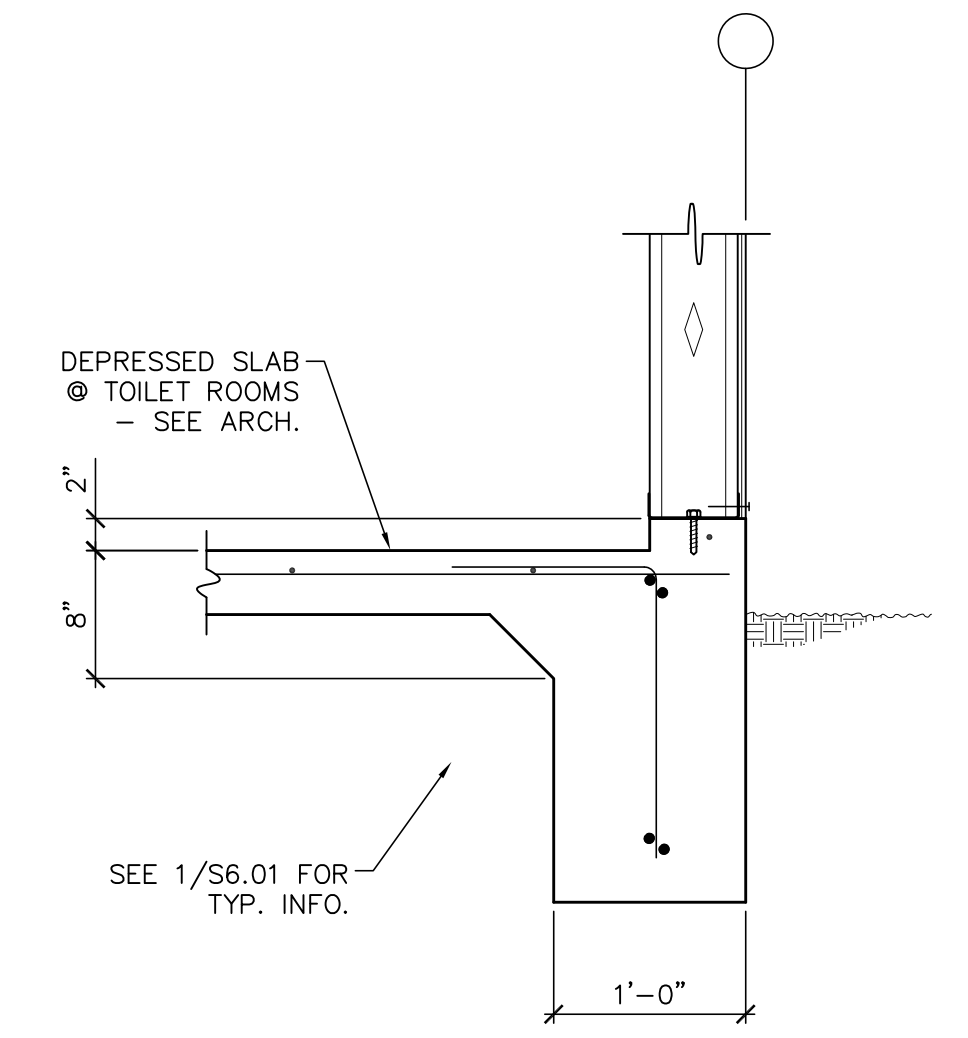
DETAIL 2
SCALE: 1"=1'-0" S6.01



DETAIL 9
SCALE: 1"=1'-0" S6.01



DETAIL 6
SCALE: 1"=1'-0" S6.01



DETAIL 3
SCALE: 1"=1'-0" S6.01

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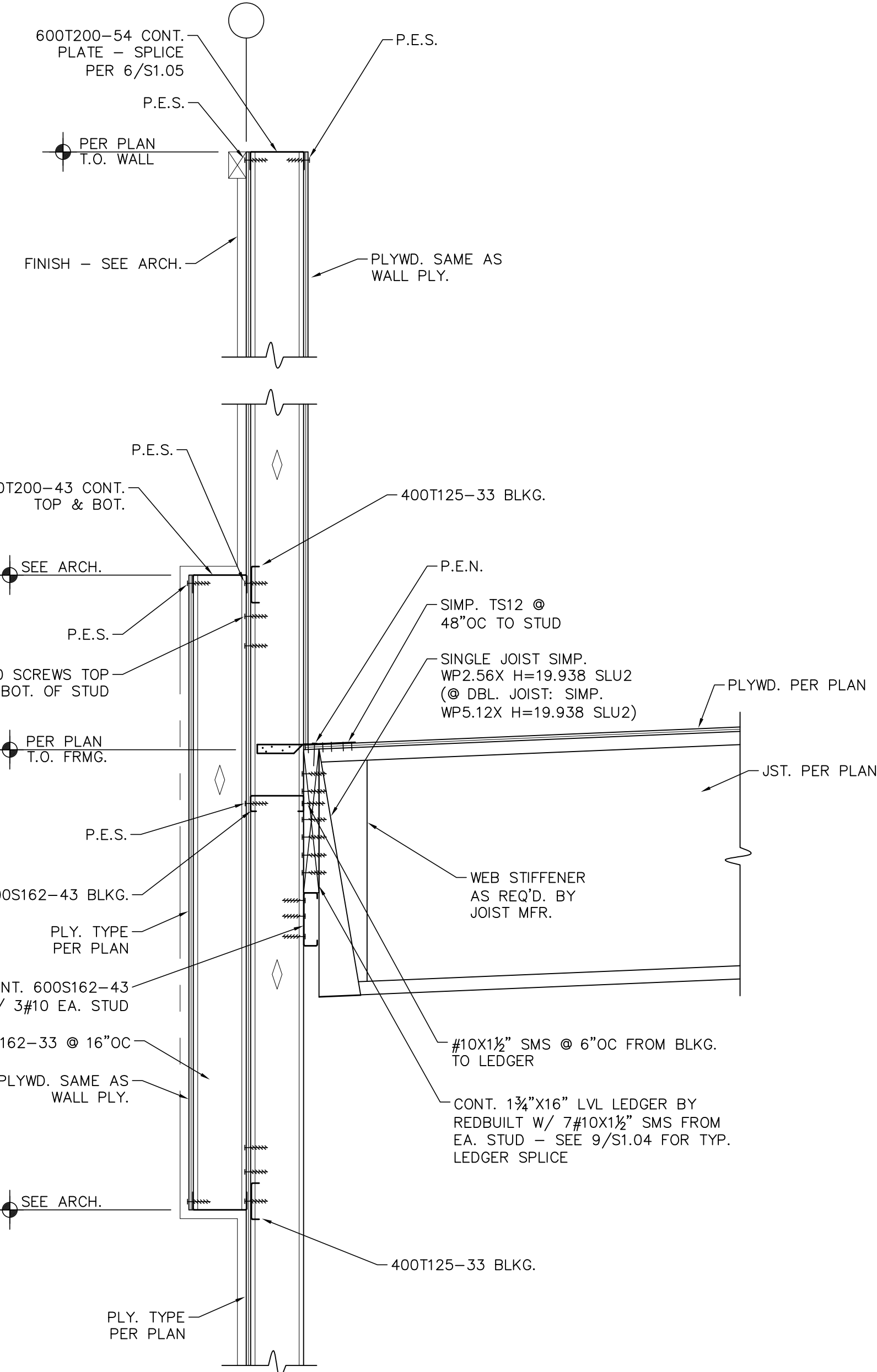
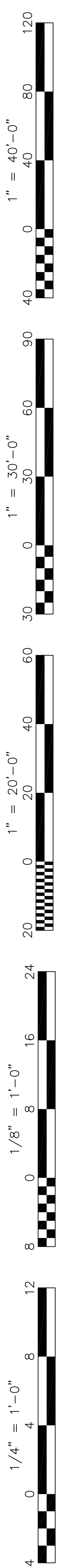
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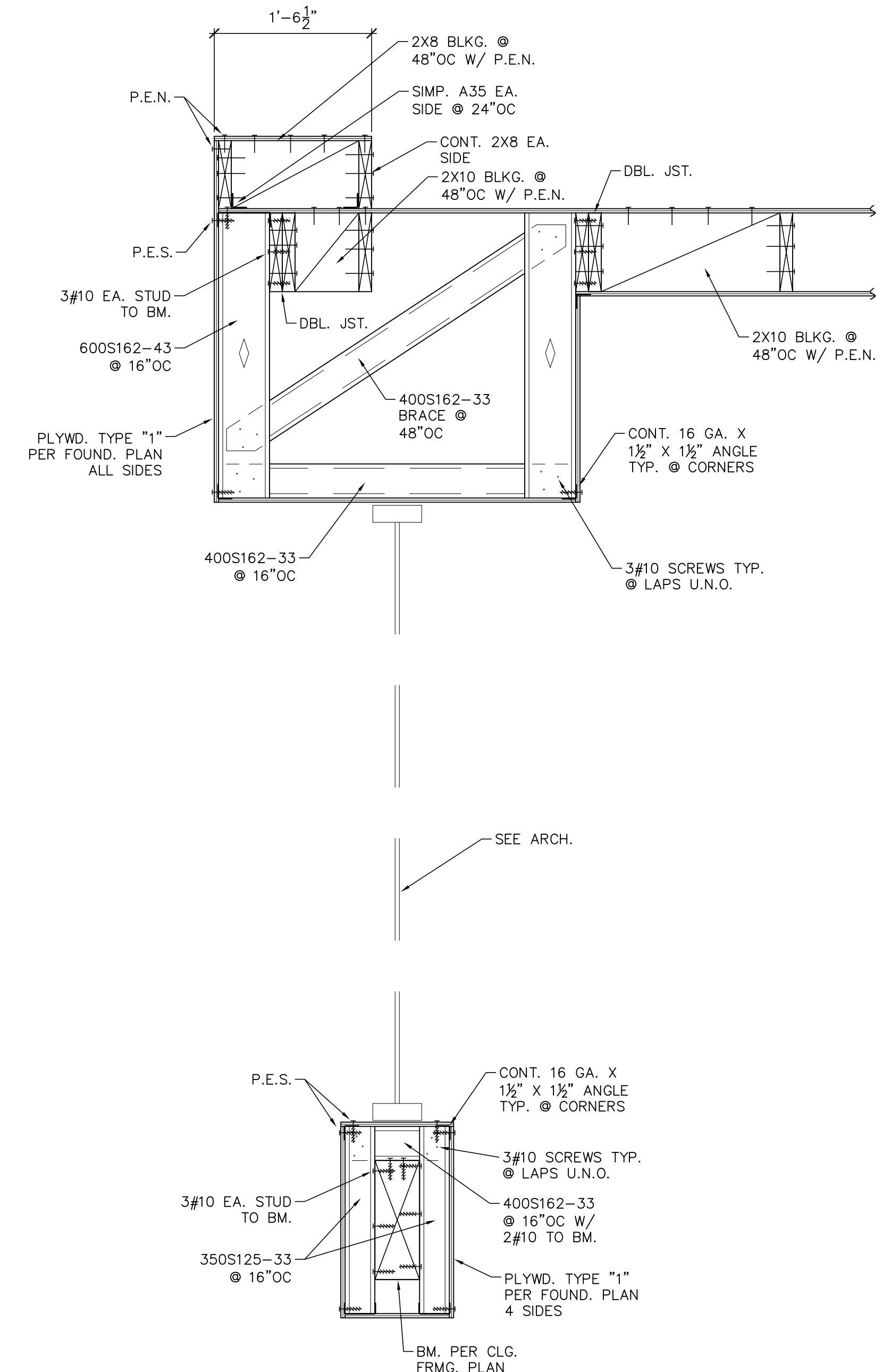
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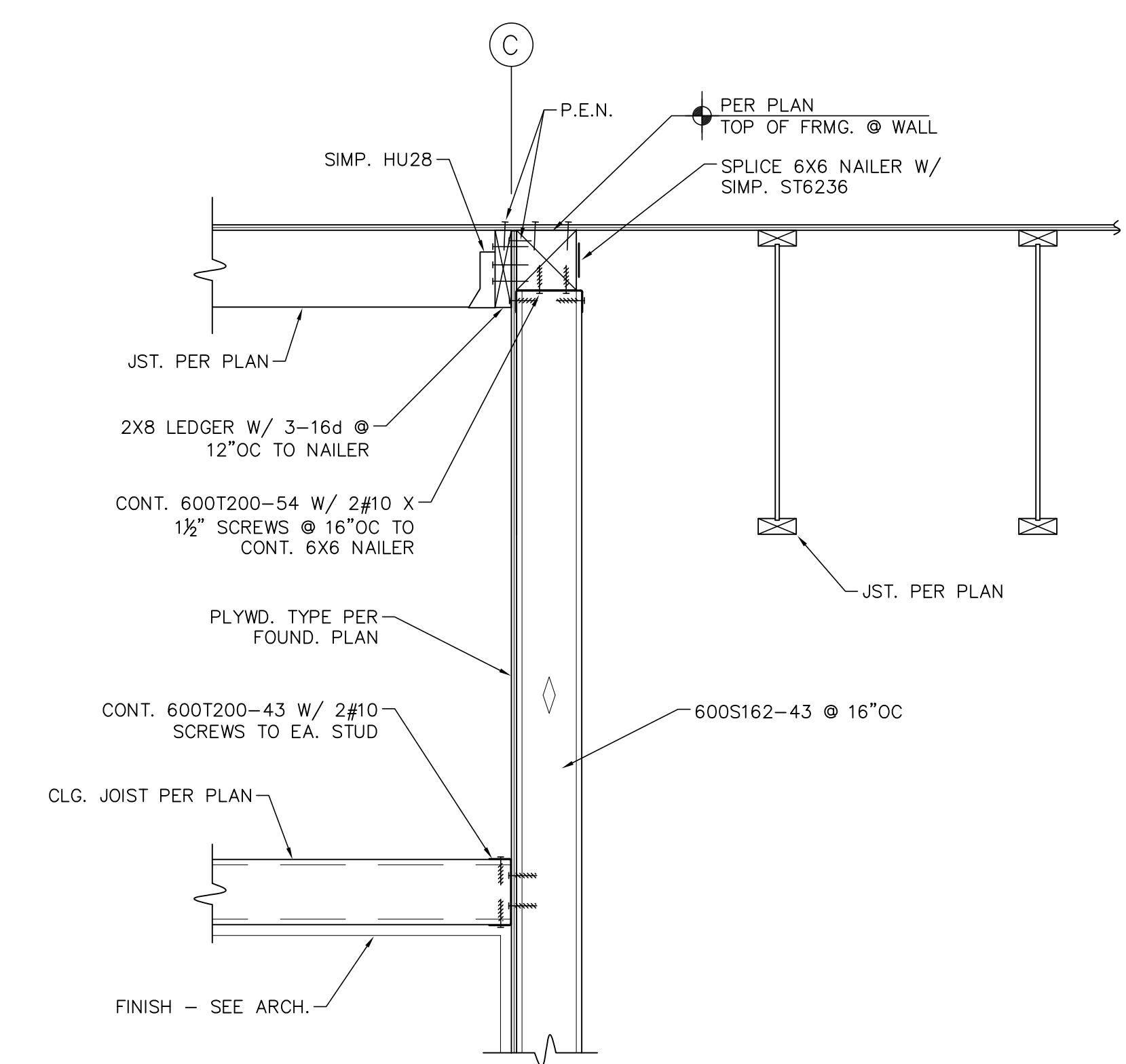
Release: 12/22/22



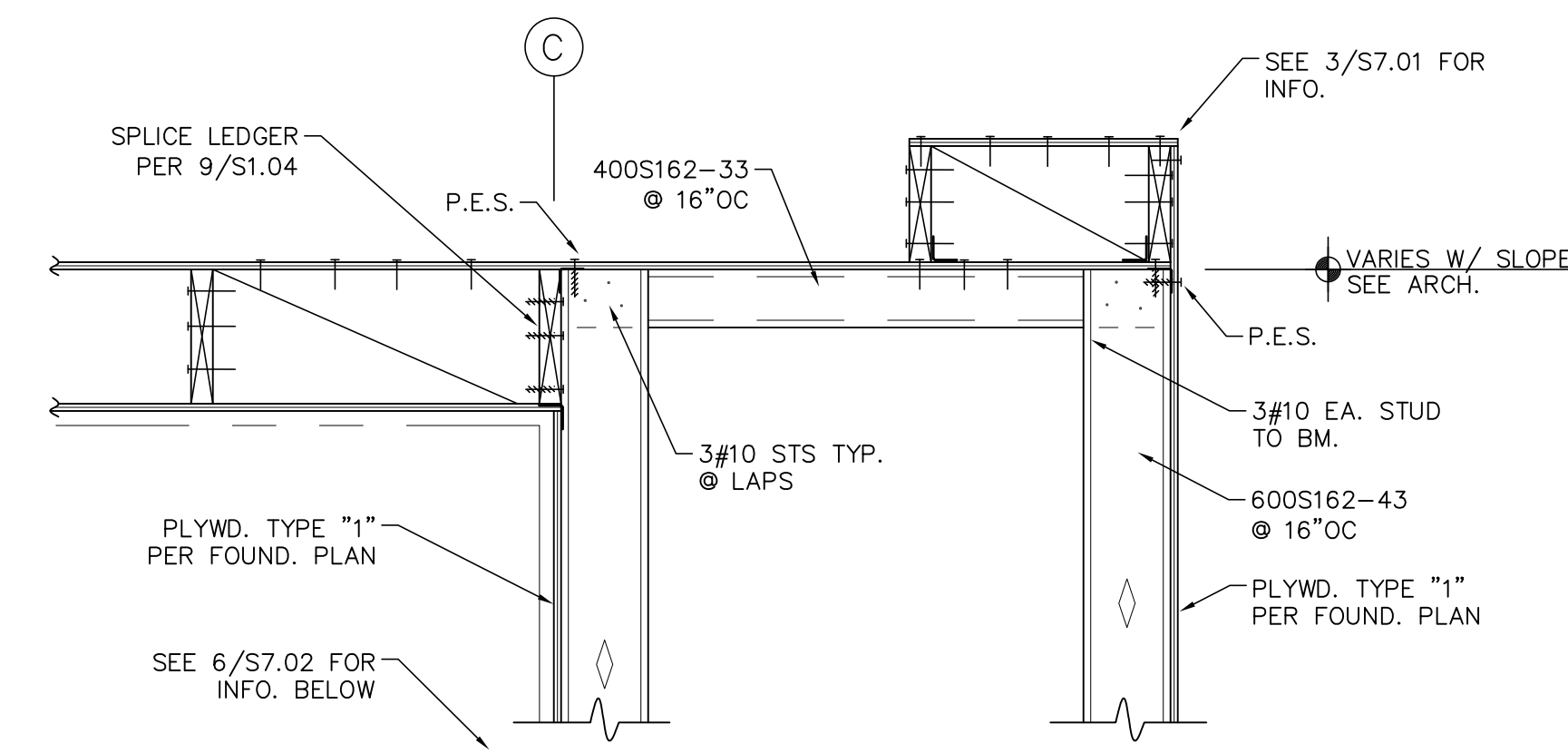
DETAIL 6 SCALE: 1"=1'-0" S7.01



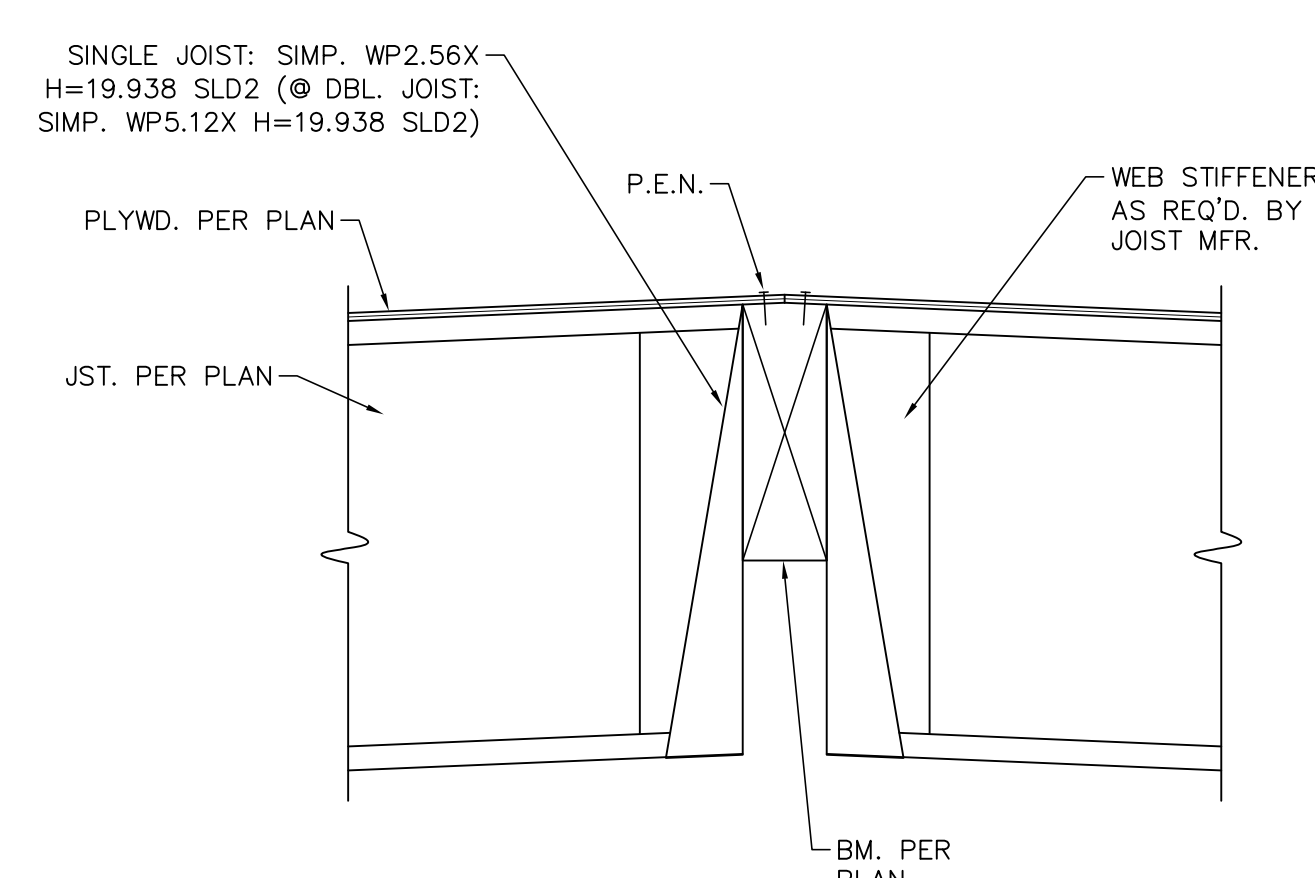
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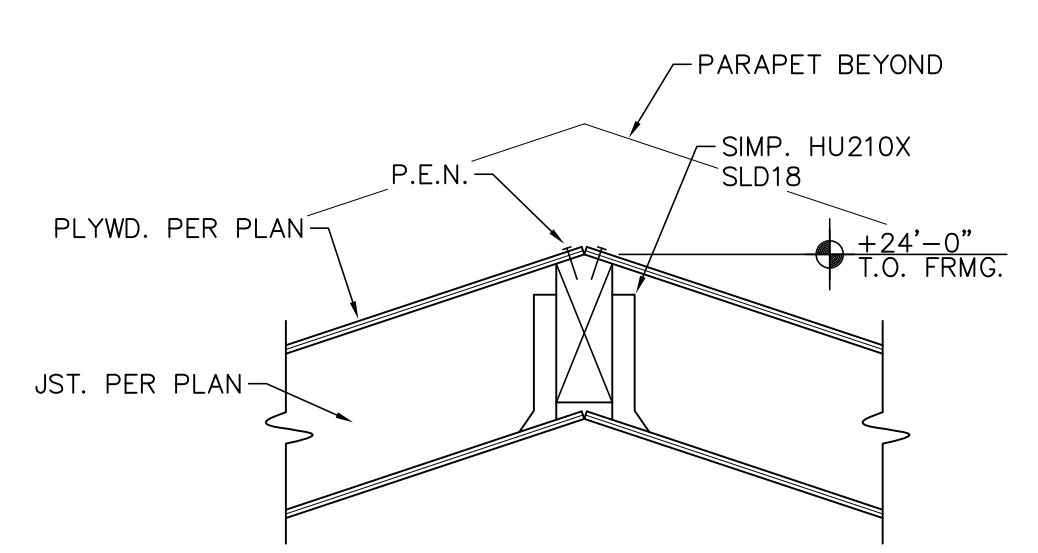
DETAIL 1 SCALE: 1"=1'-0" S7.01



DETAIL 5 SCALE: 1"=1'-0" S7.01



DETAIL 4 SCALE: 1"=1'-0" S7.01



DETAIL 2 SCALE: 1"=1'-0" S7.01

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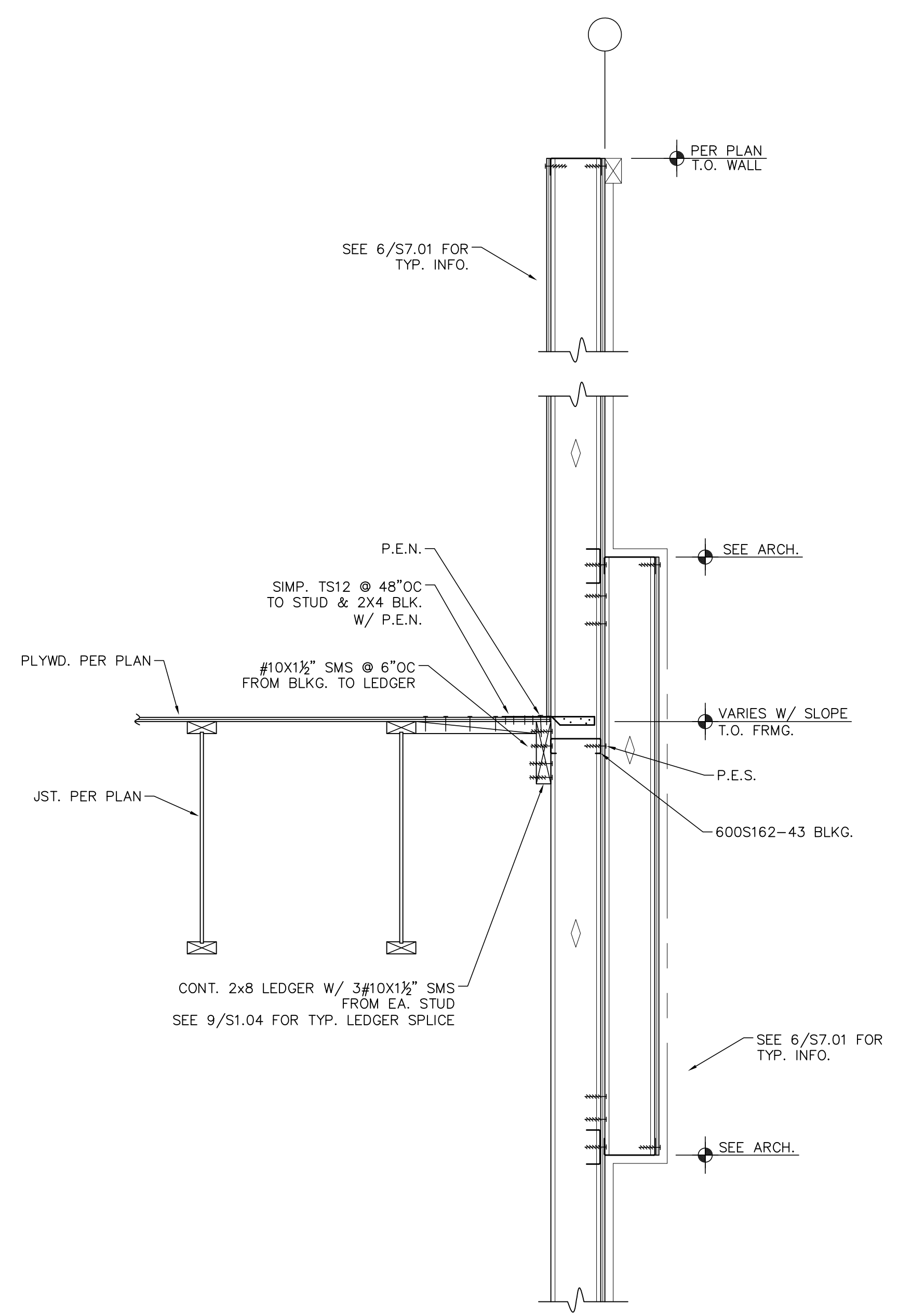
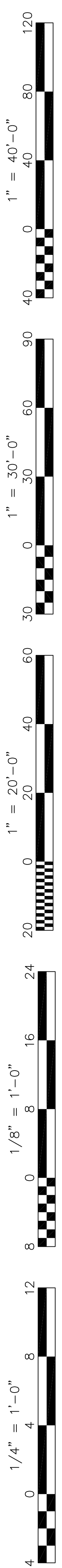
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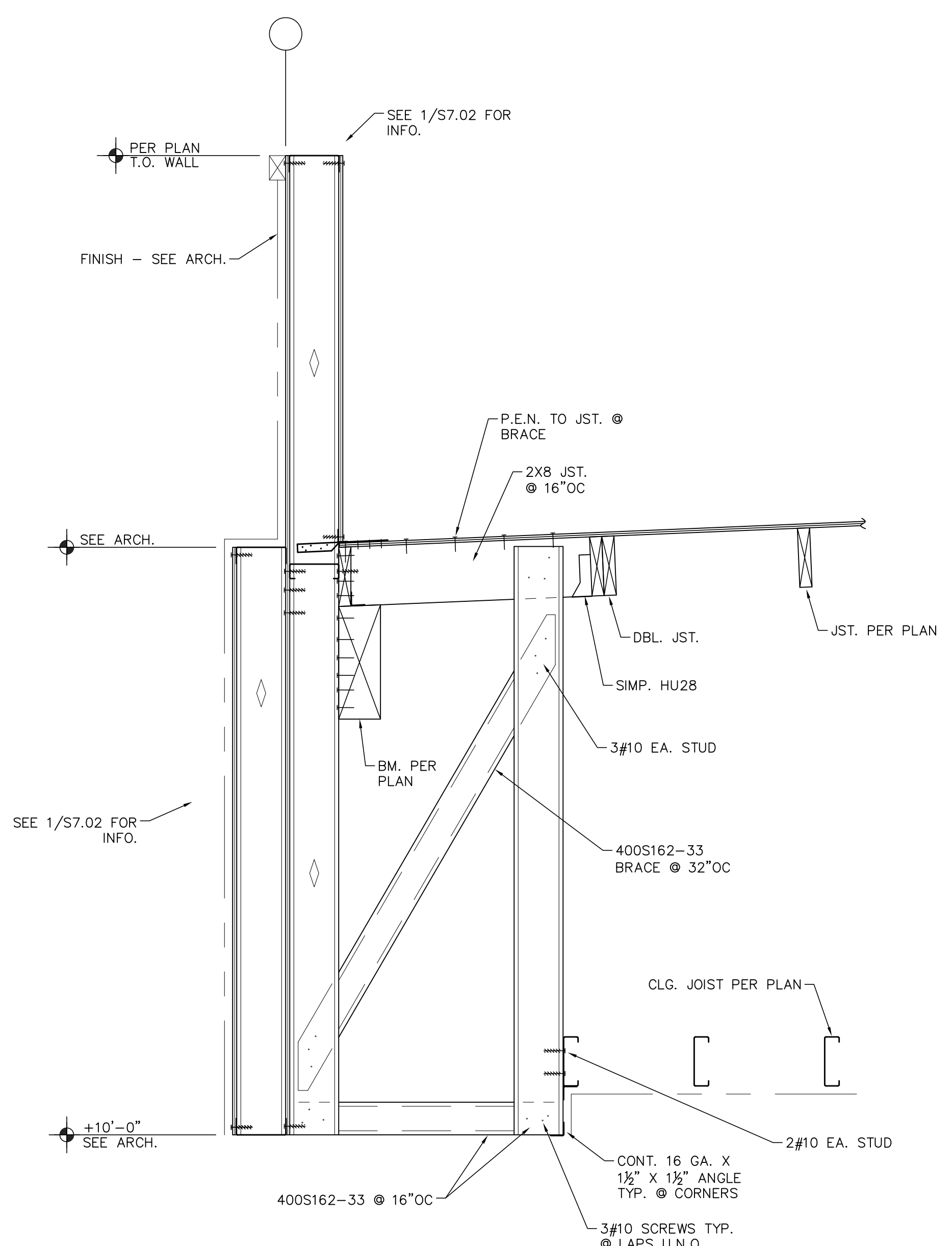
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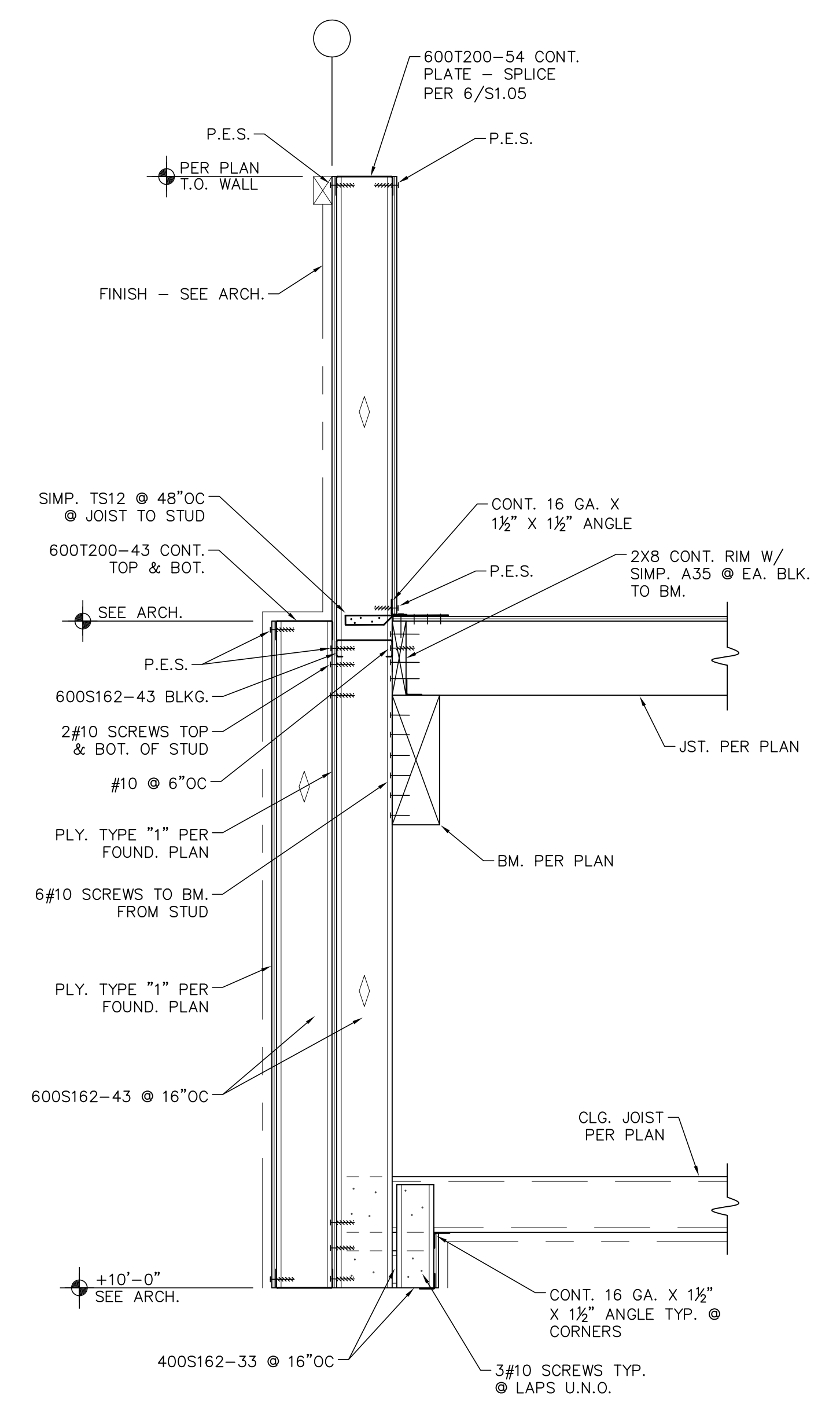
Release: 12/22/22



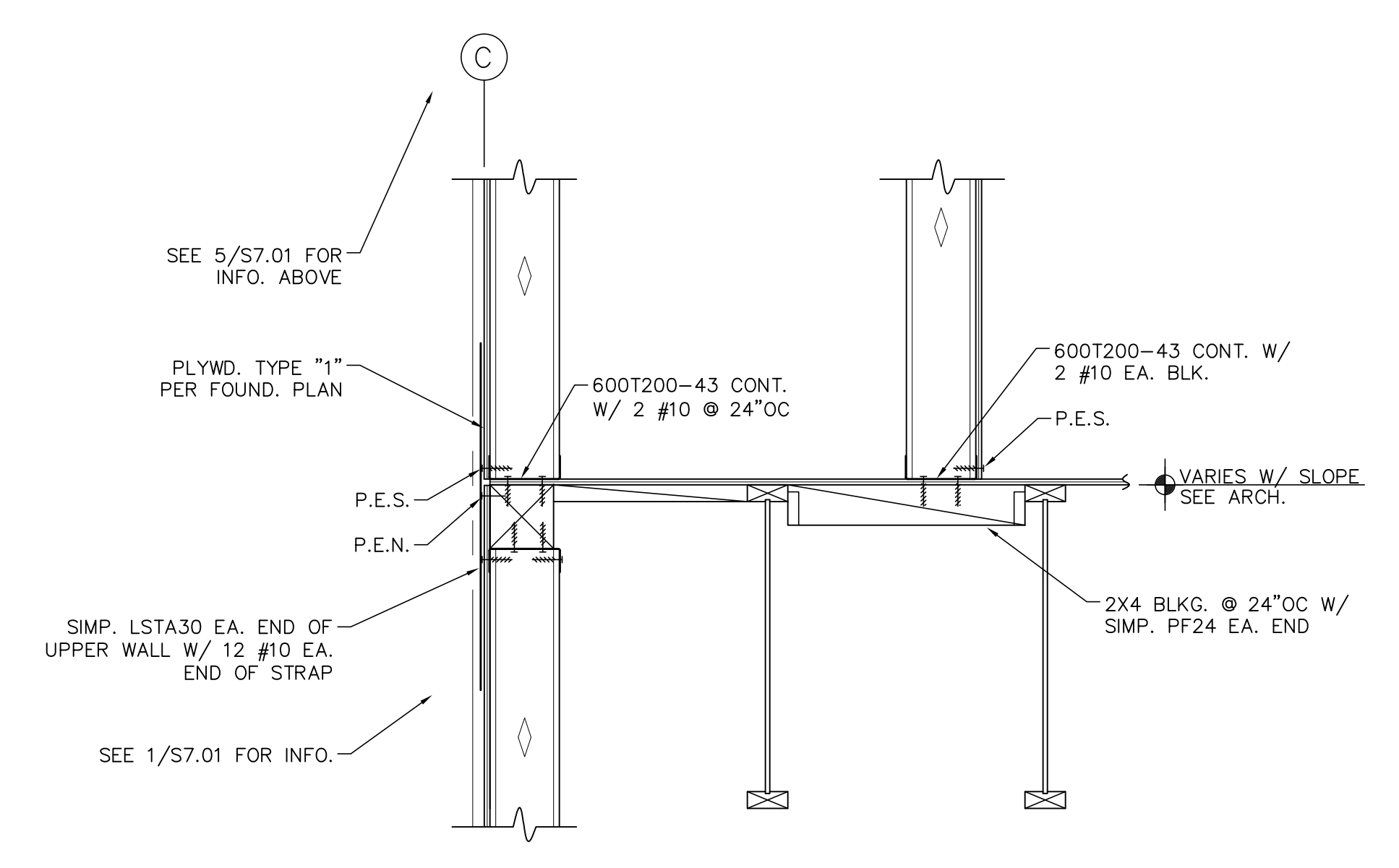
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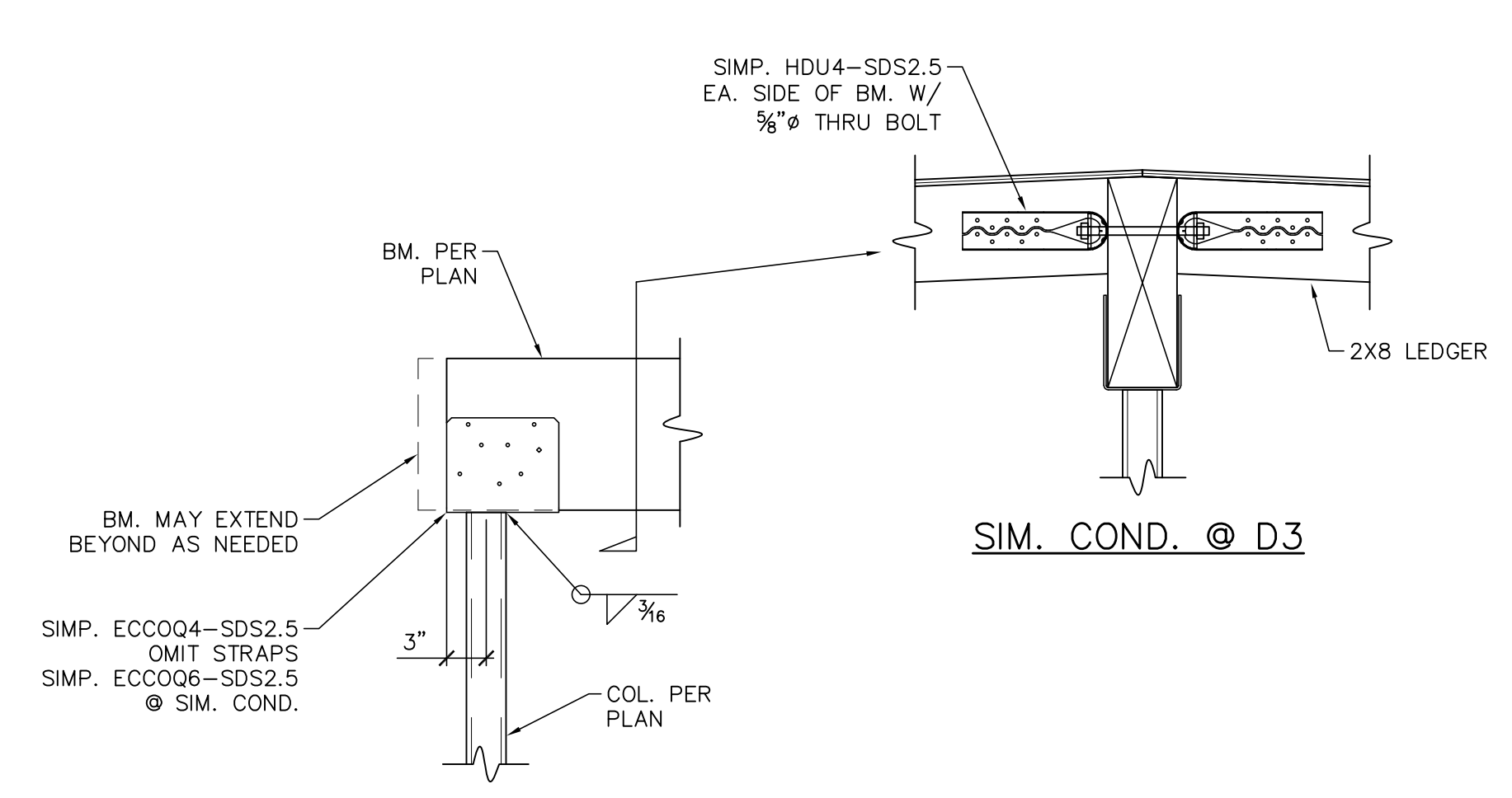
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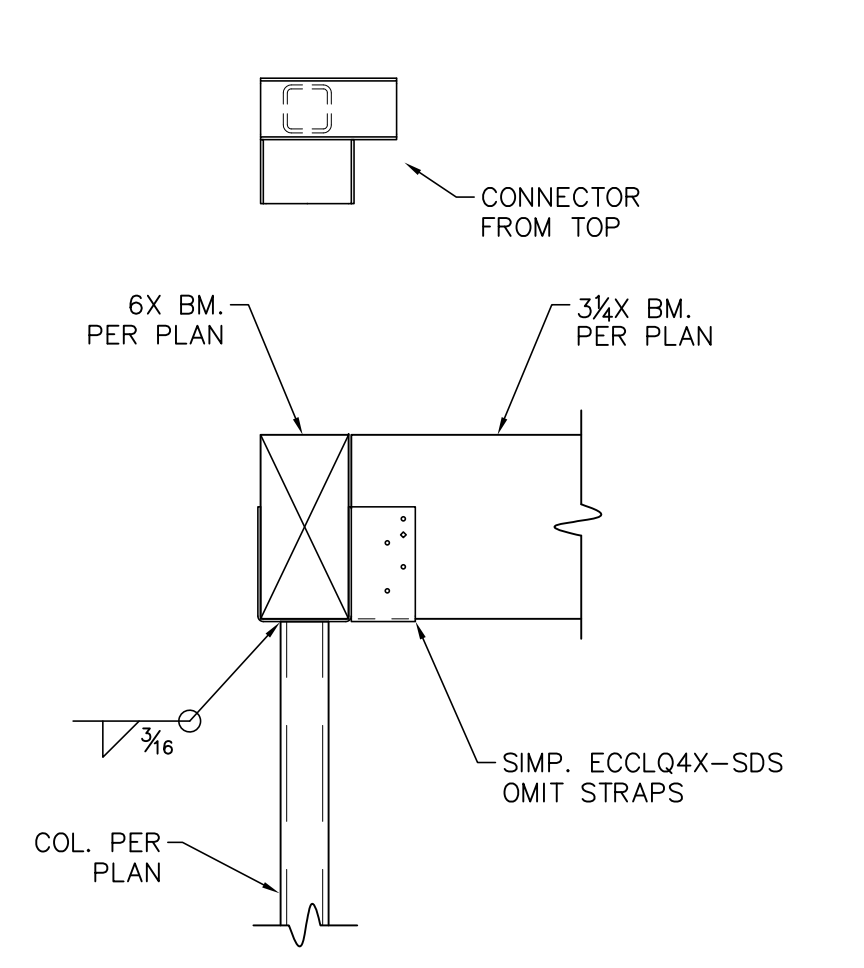
DETAIL 1
SCALE: 1"=1'-0" S7.02



DETAIL 6
SCALE: 1"=1'-0" S7.02



DETAIL 4
SCALE: 1"=1'-0" S7.02



DETAIL 2
SCALE: 1"=1'-0" S7.02

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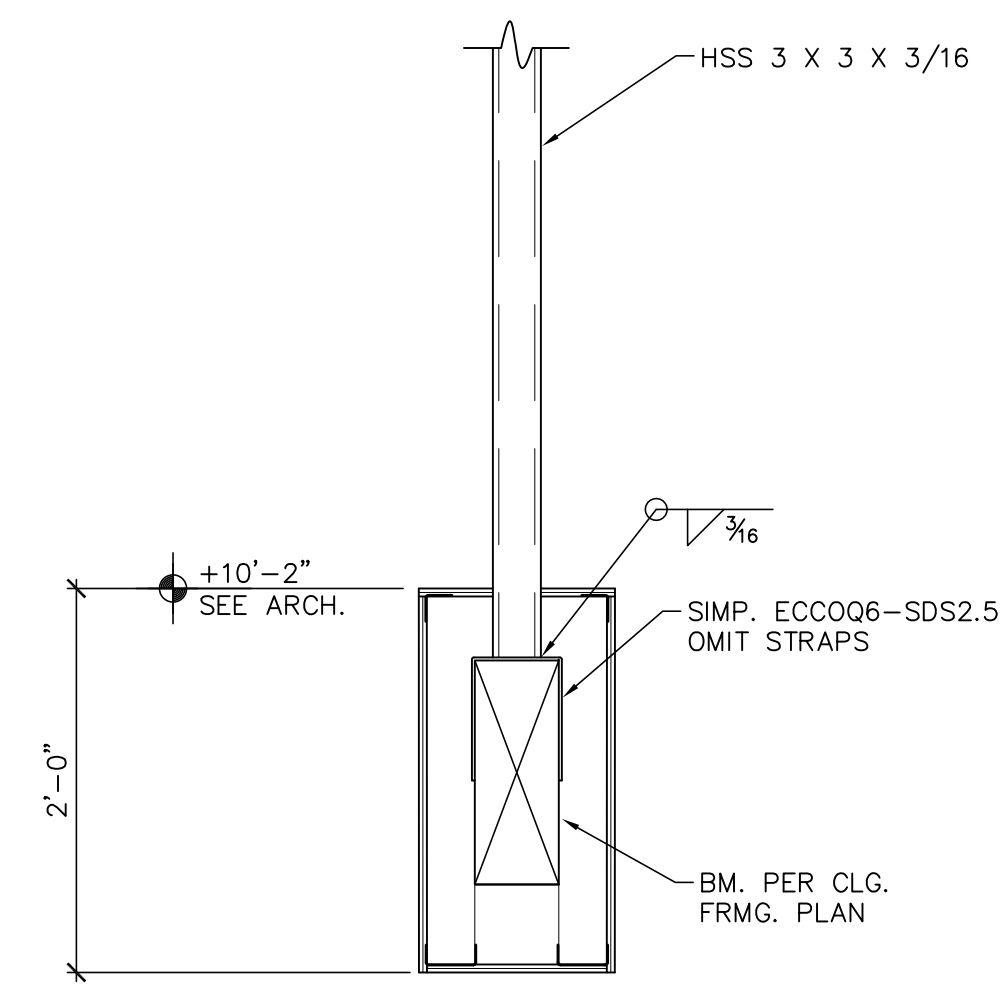
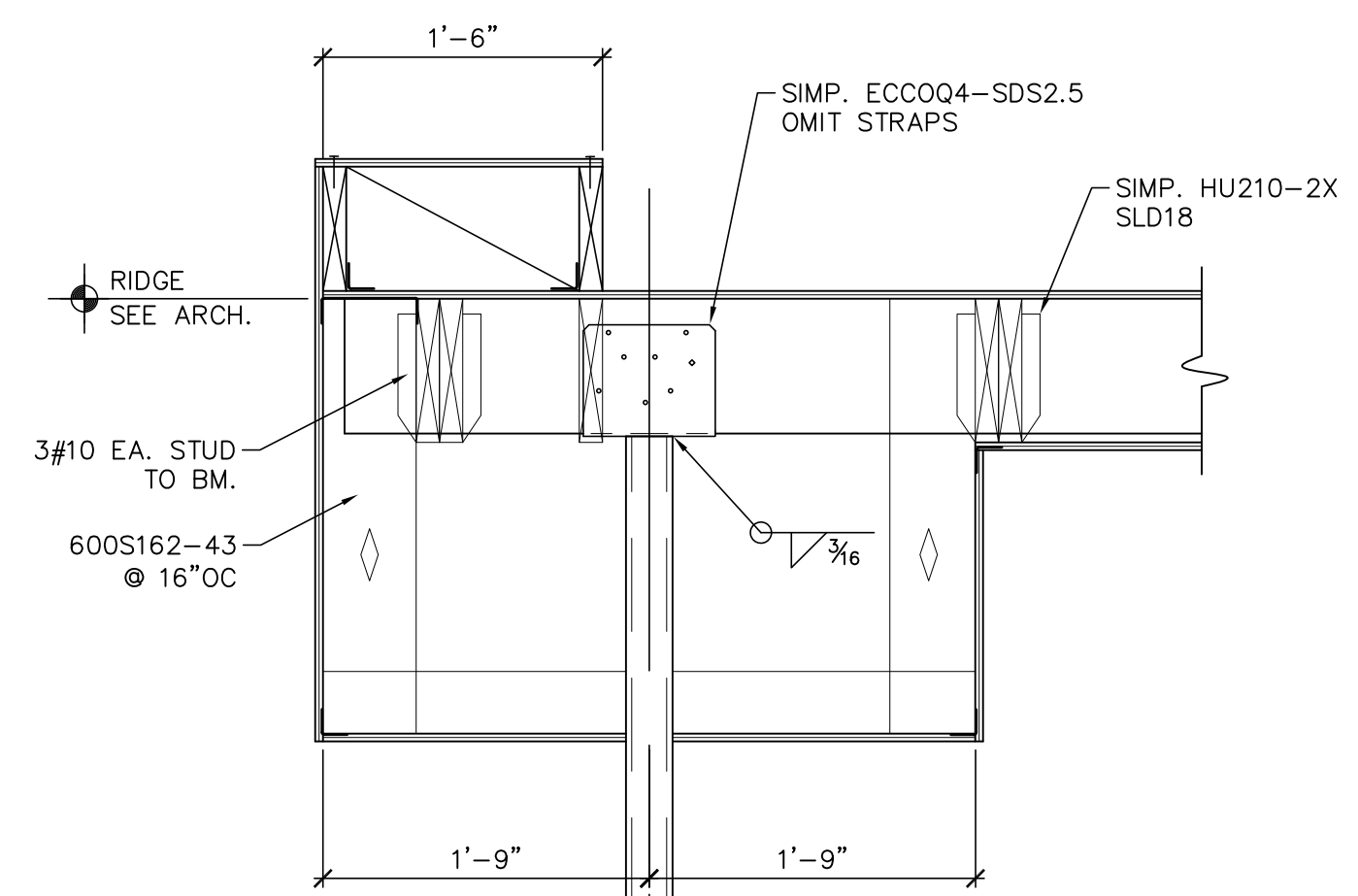
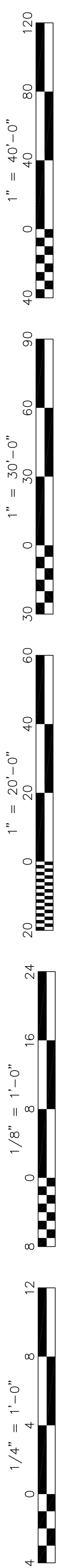
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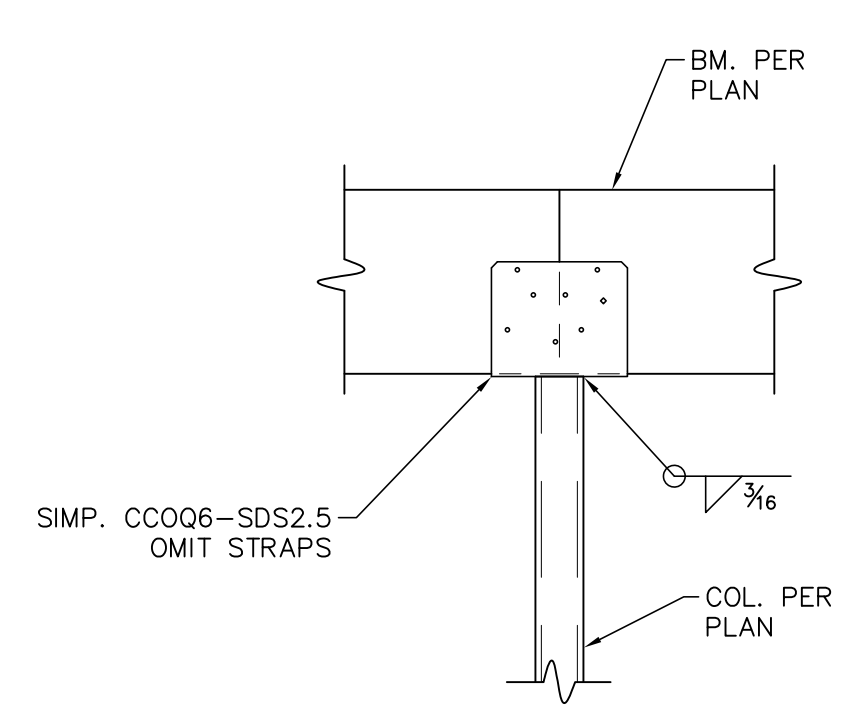
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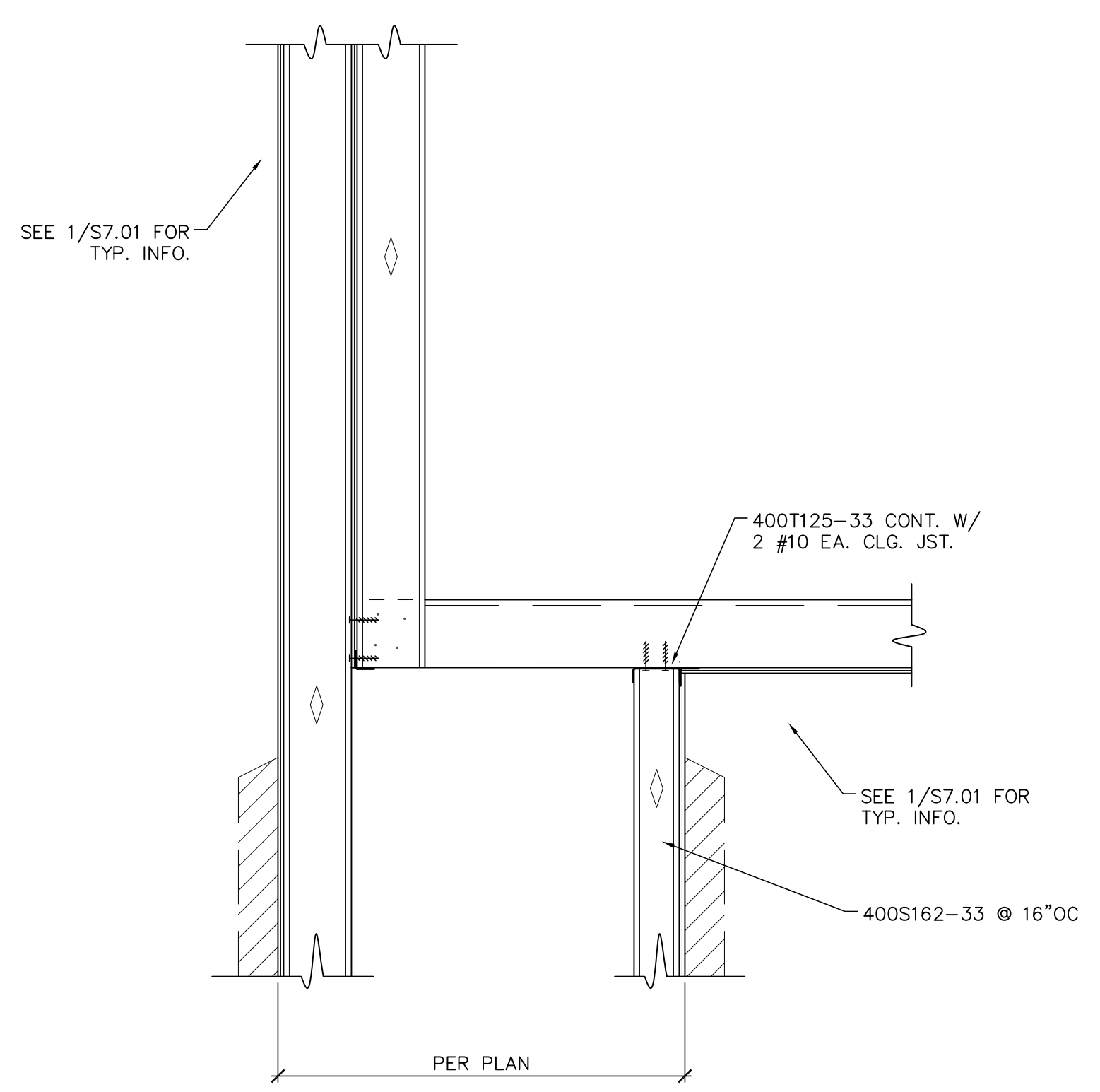
Release: 12/22/22



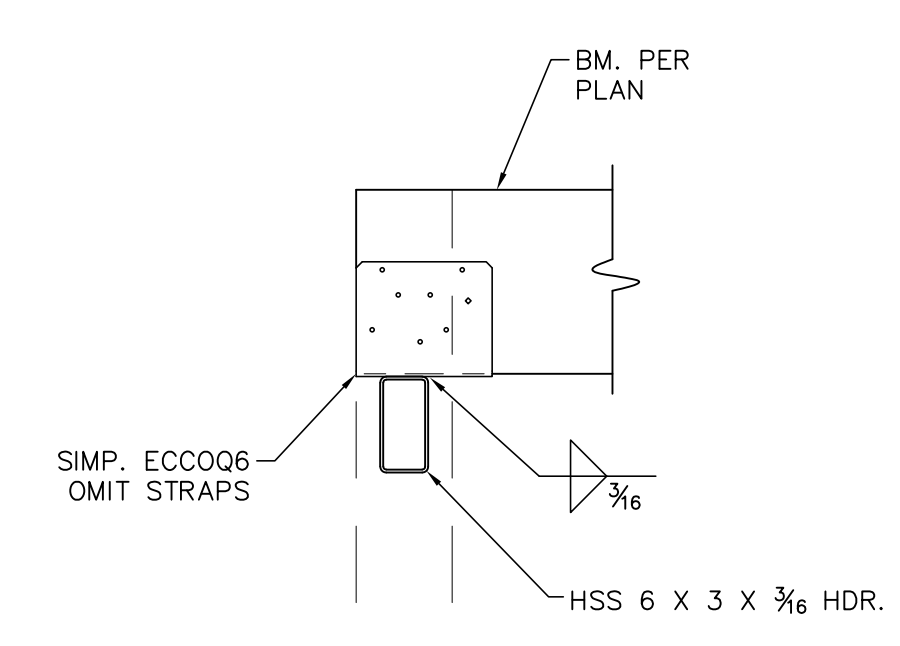
DETAIL 6 SCALE: 1"=1'-0" S7.03



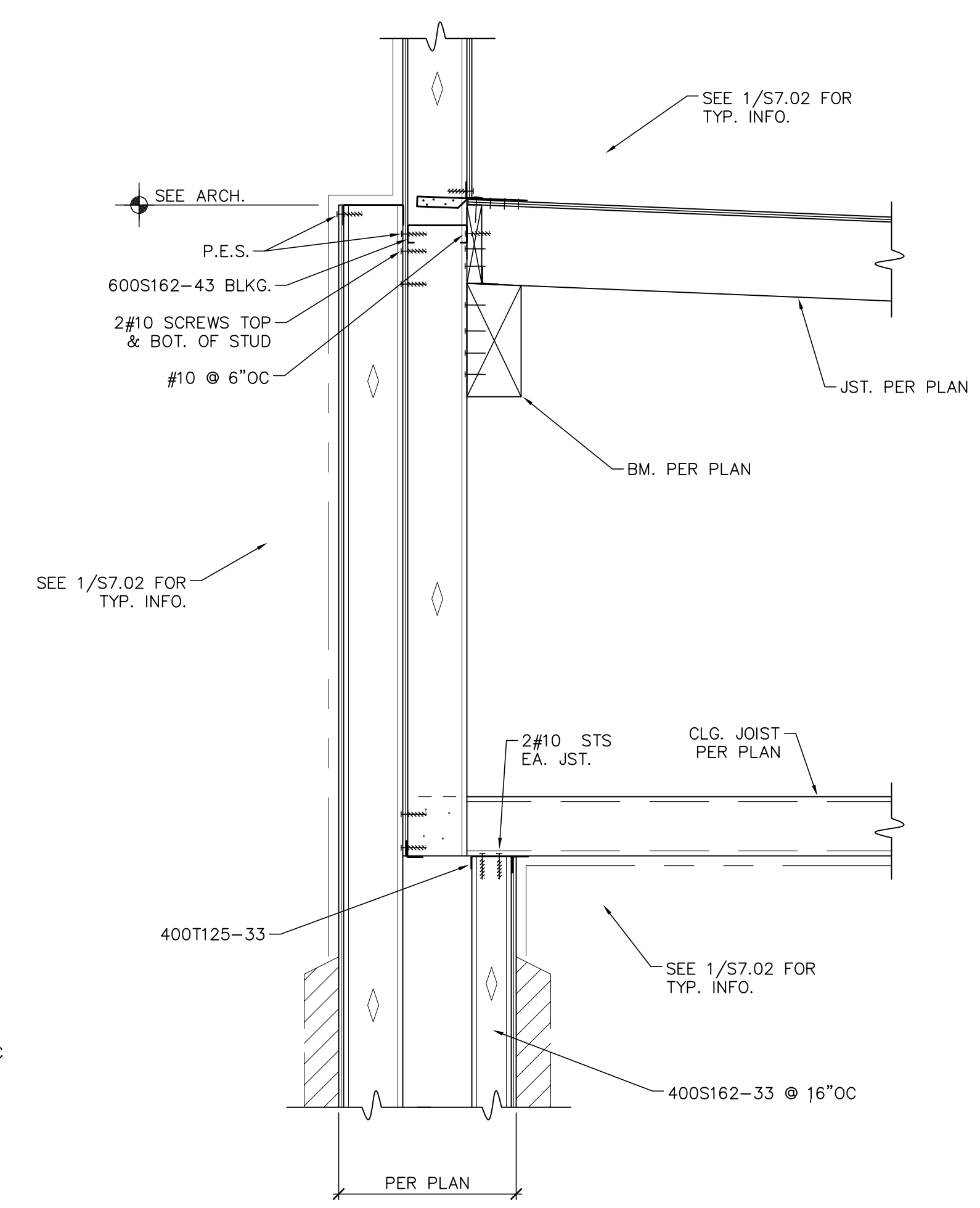
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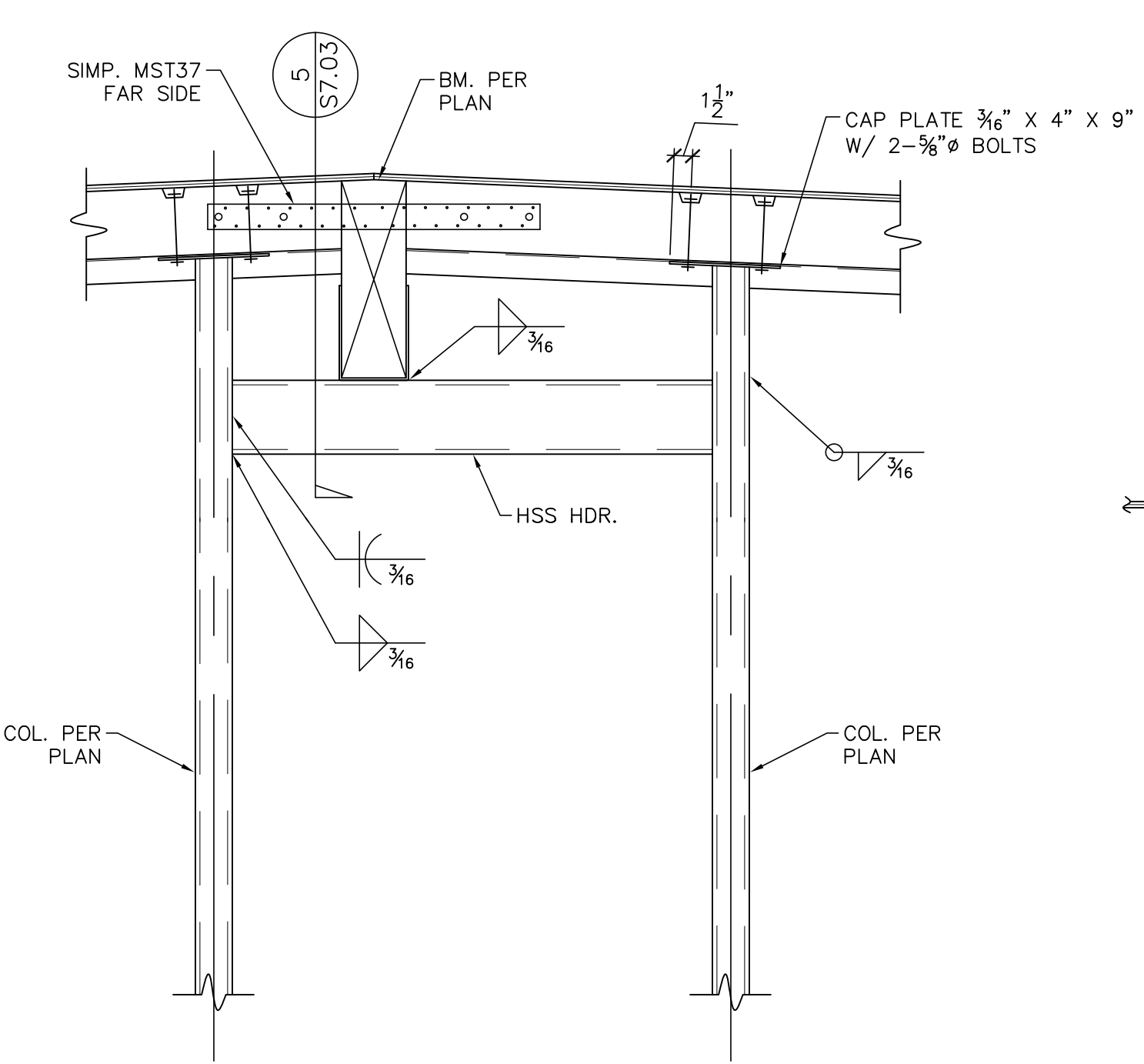
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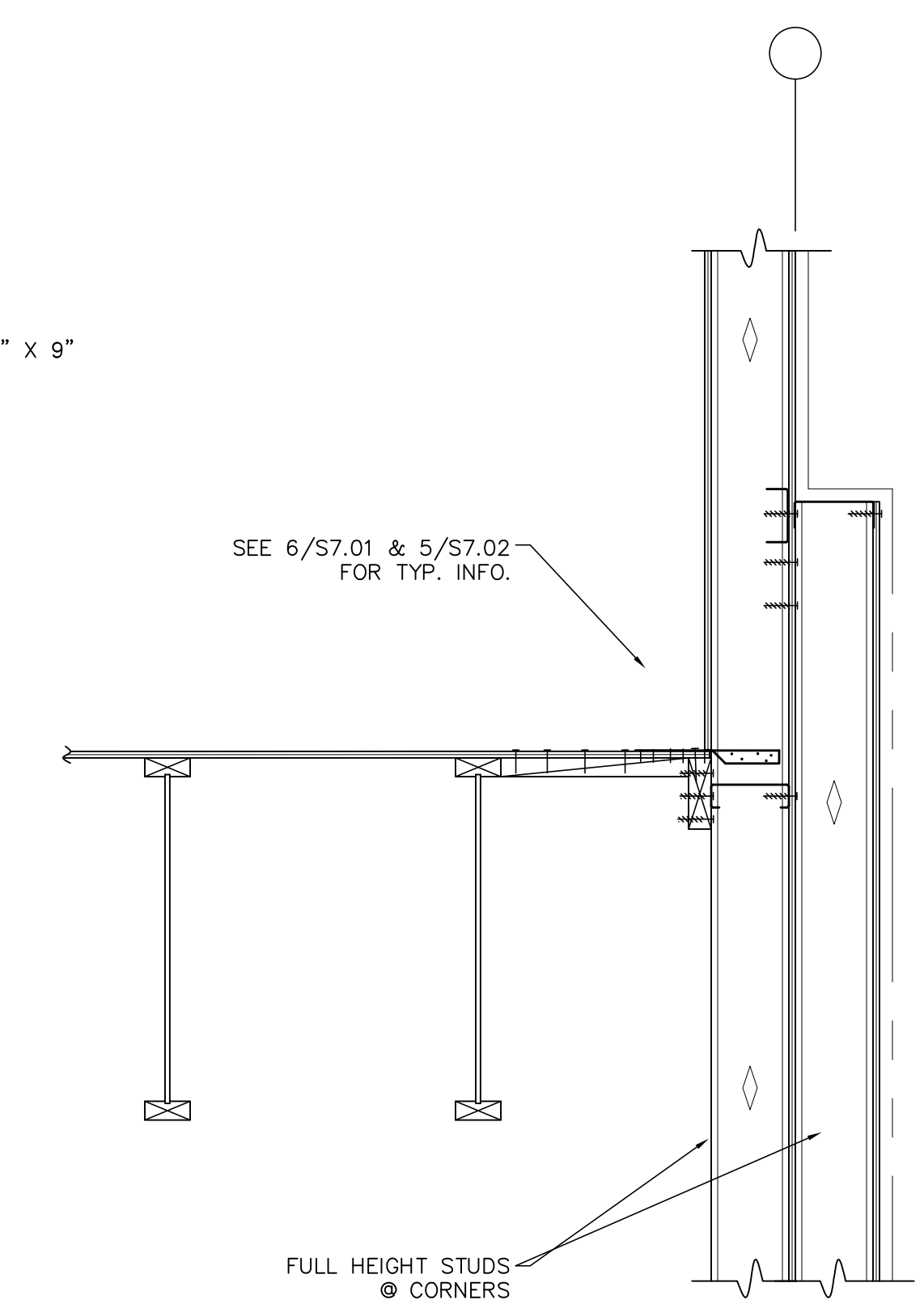
DETAIL 5 SCALE: 1"=1'-0" S7.03



DETAIL 2 SCALE: 1"=1'-0" S7.03



DETAIL 3 SCALE: 1"=1'-0" S7.03



DETAIL 1 SCALE: 1"=1'-0" S7.03

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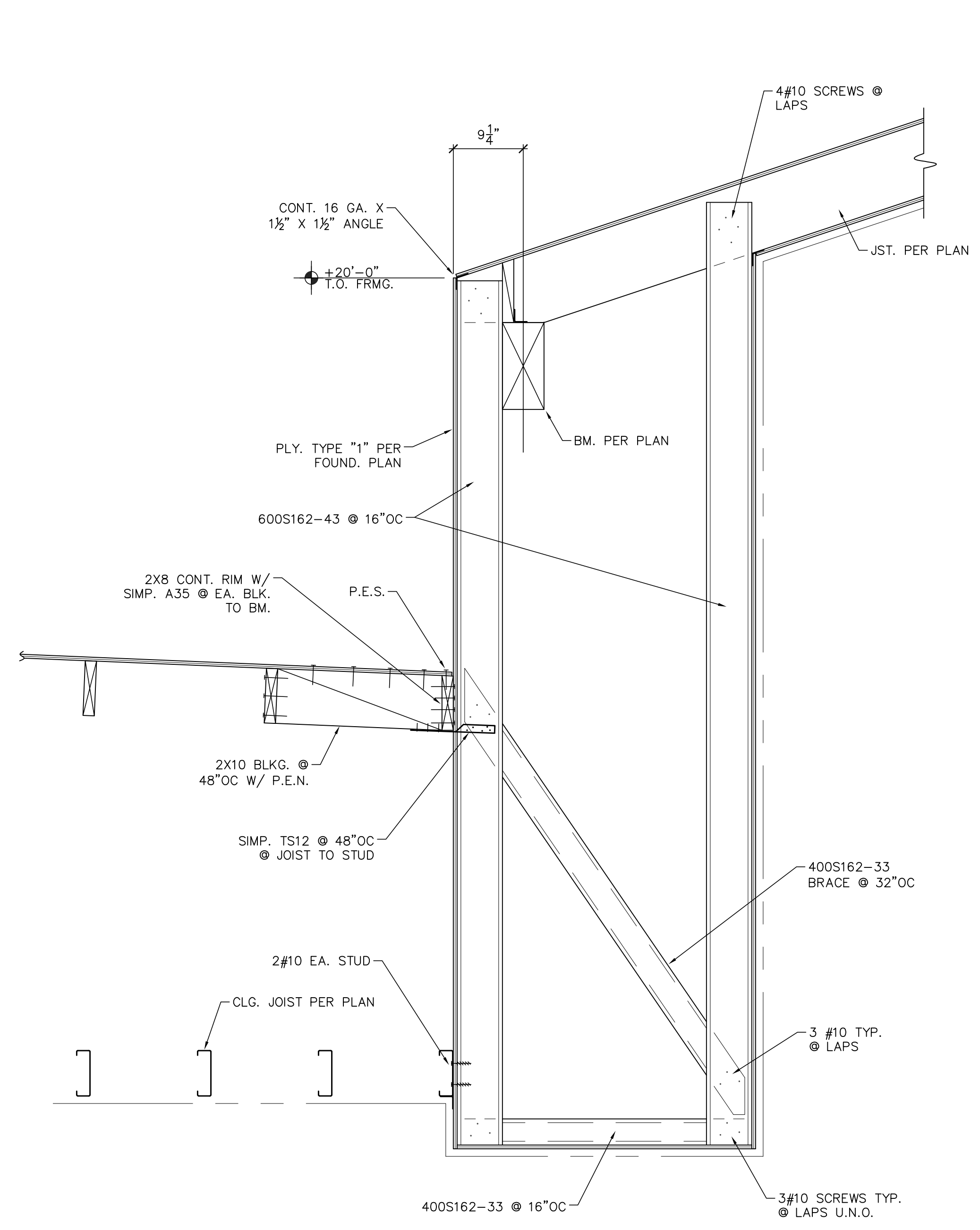
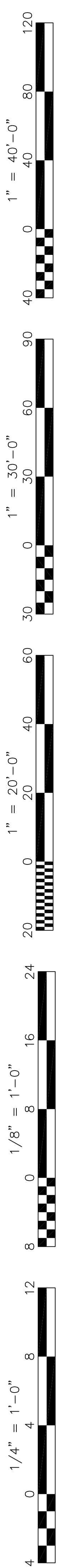
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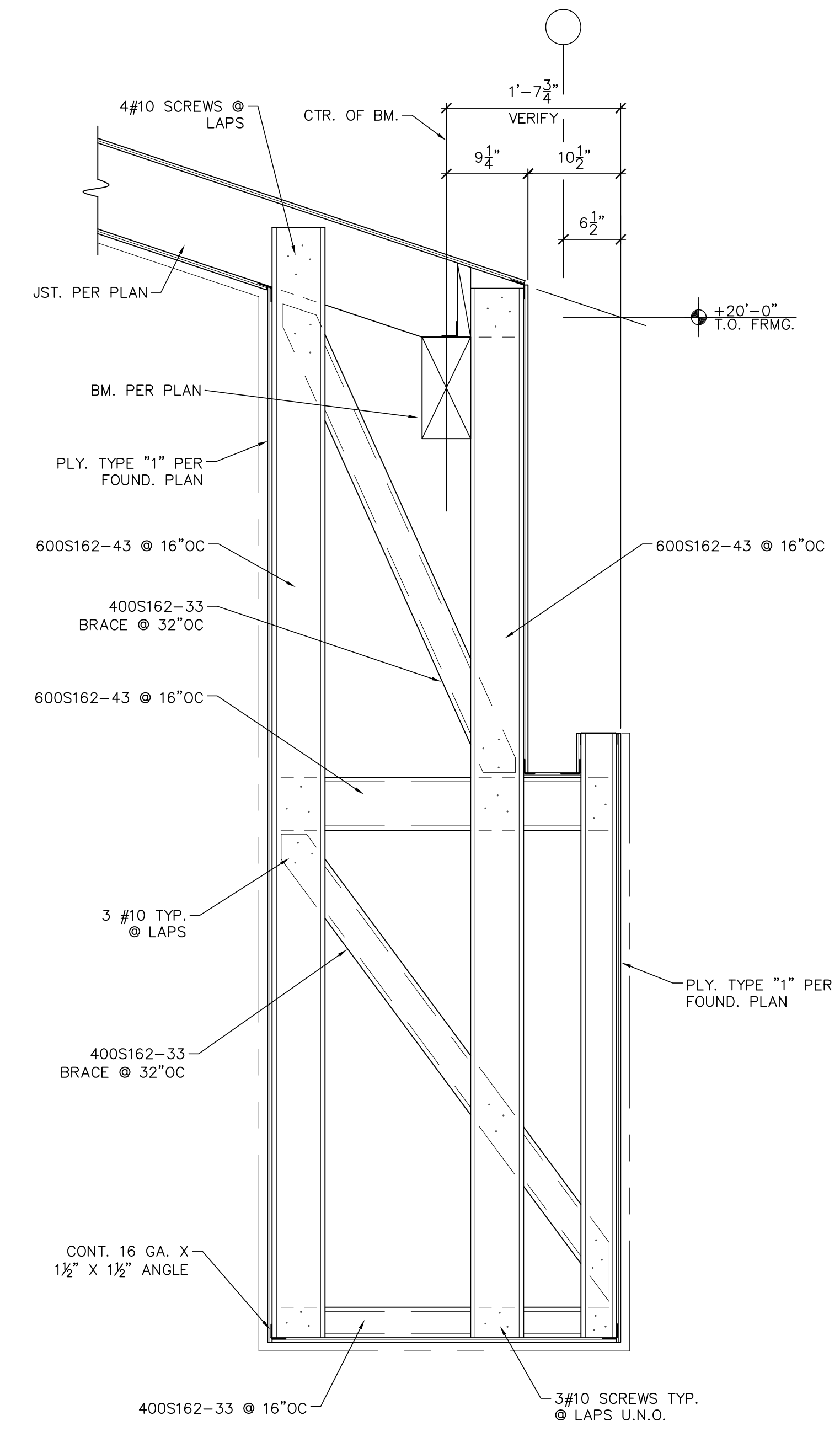
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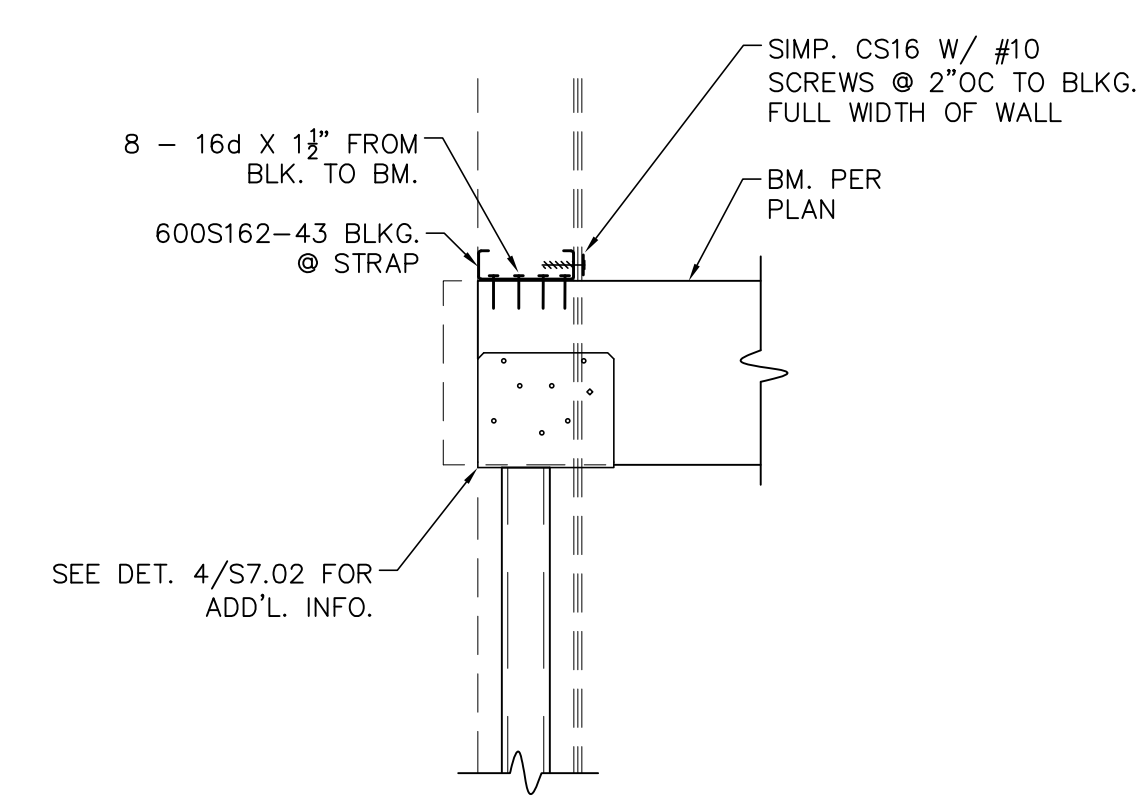
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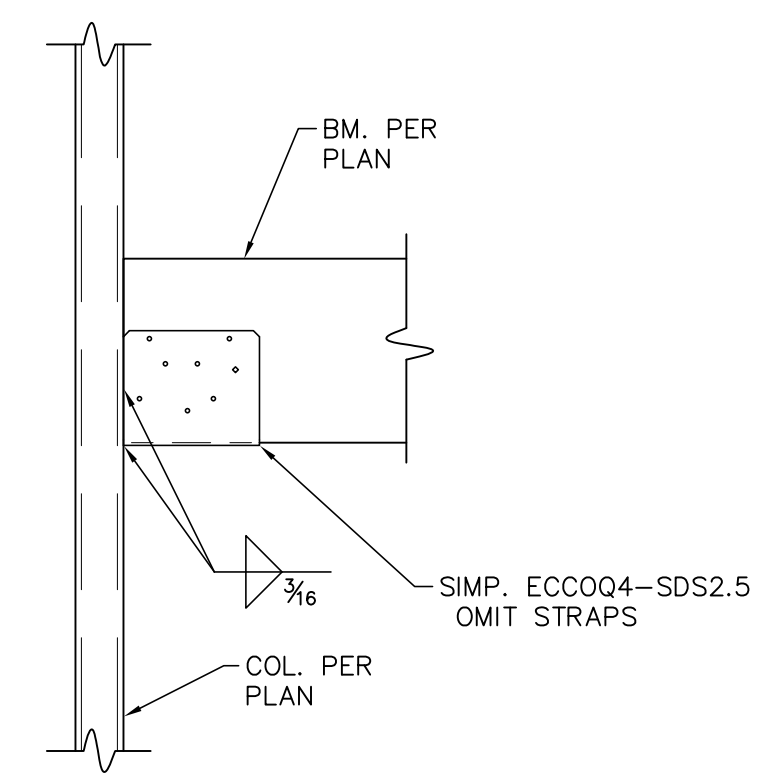
DETAIL 3
SCALE: 1"=1'-0" (S7.04)



DETAIL 1
SCALE: 1"=1'-0" (S7.04)



DETAIL 4
SCALE: 1"=1'-0" (S7.04)



DETAIL 2
SCALE: 1"=1'-0" (S7.04)

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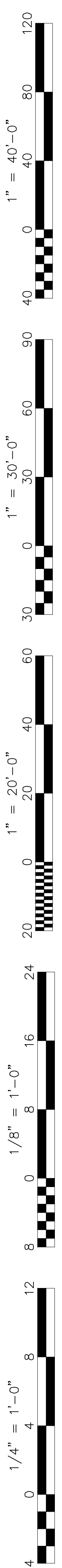
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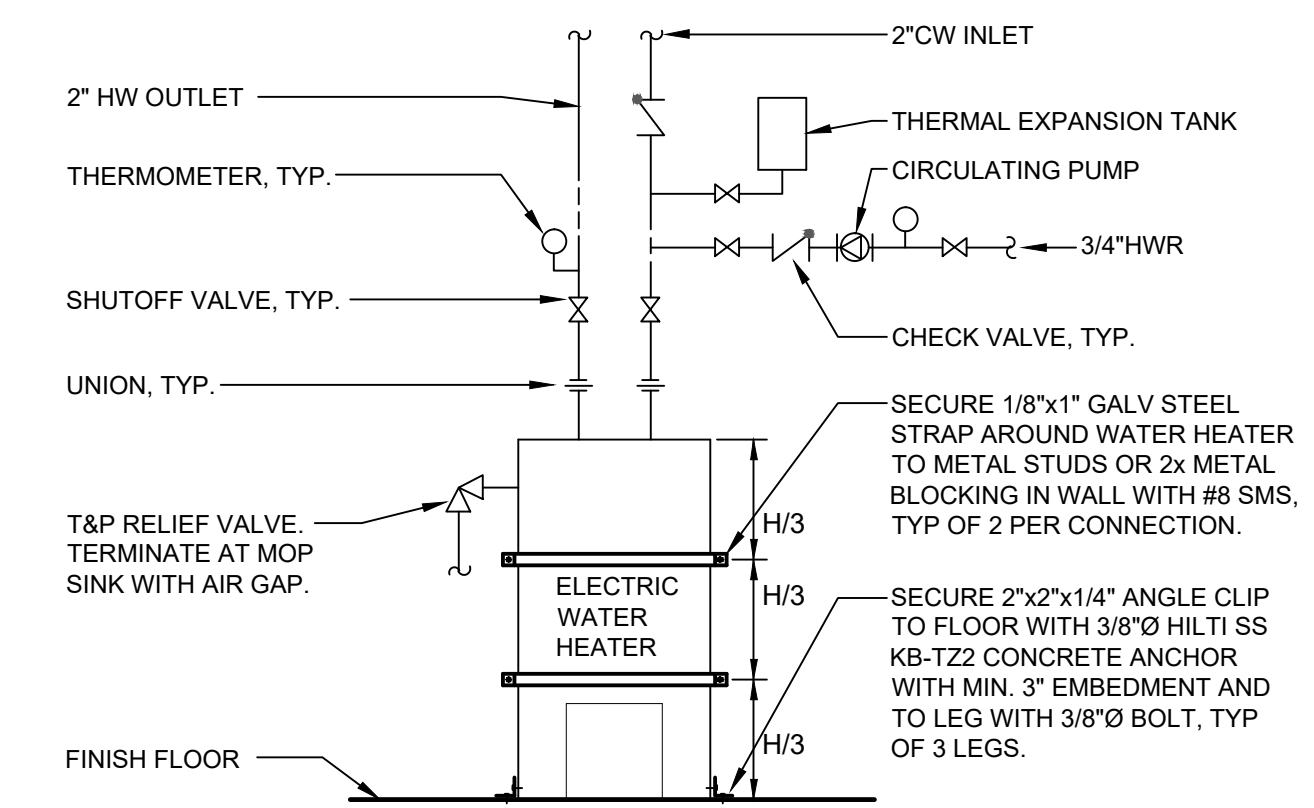
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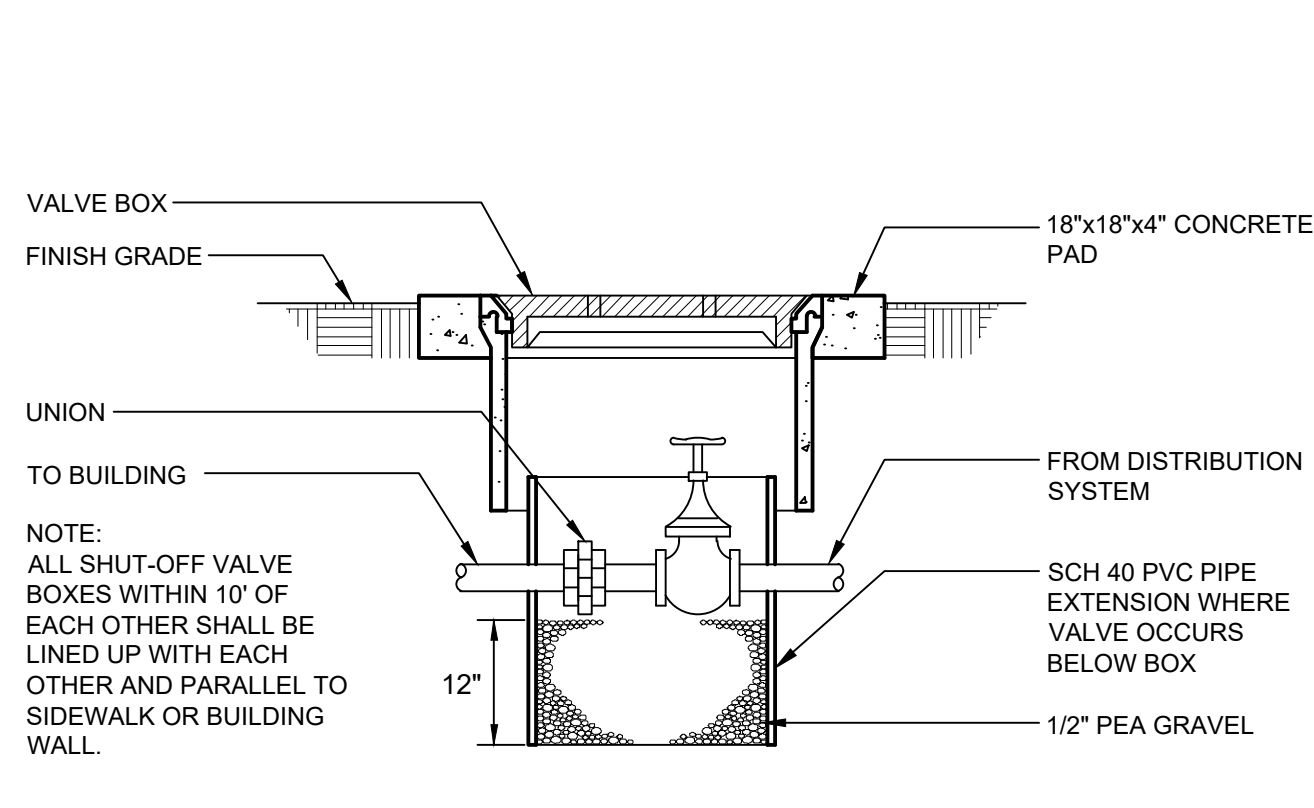
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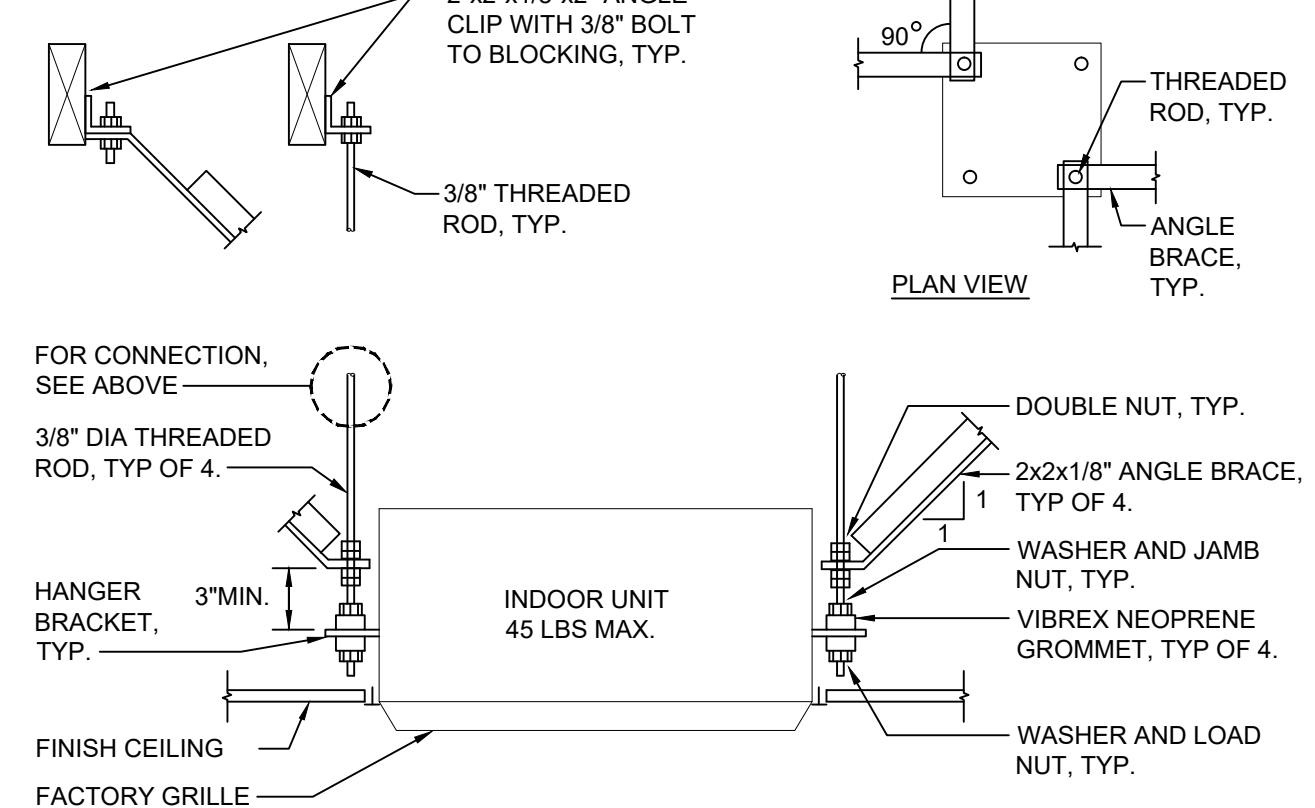
13 ELECTRIC WATER HEATER
MO.11 SCALE: N.T.S.



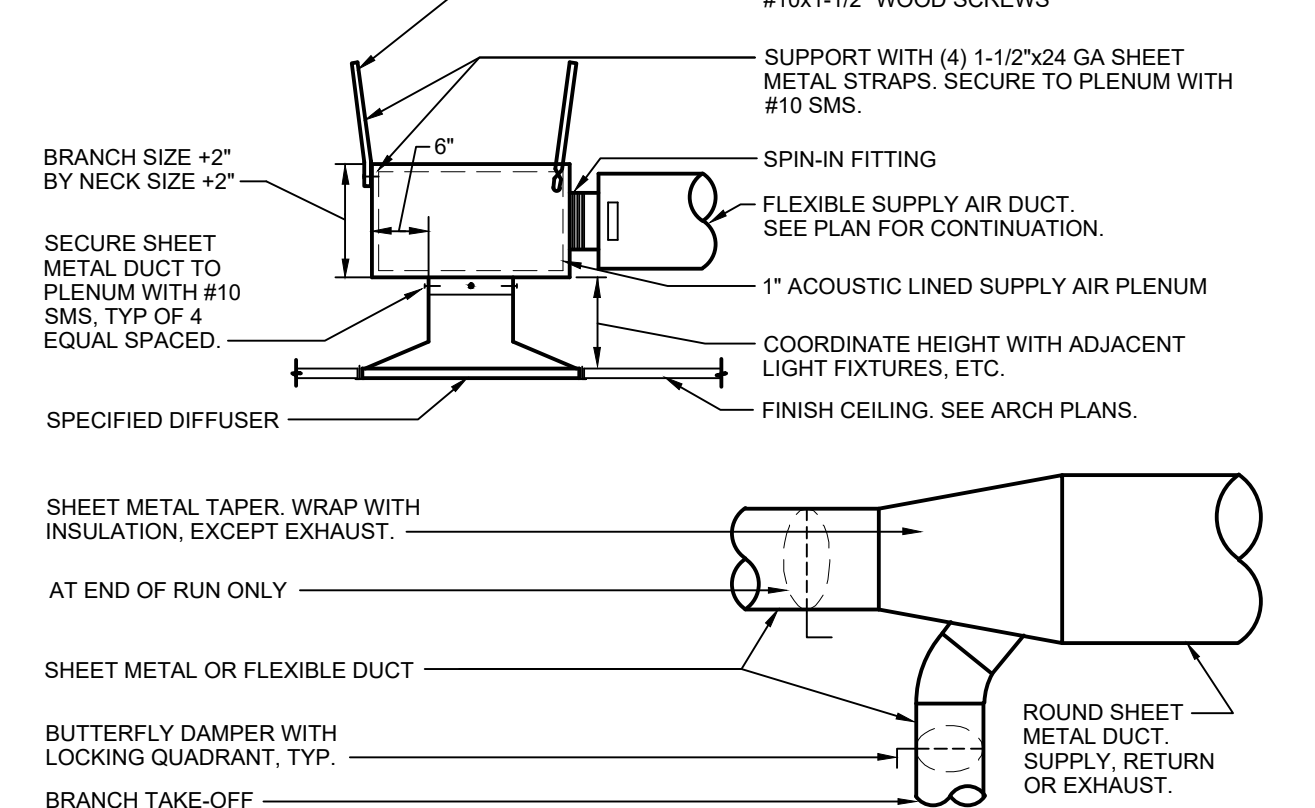
9 SHUT OFF VALVE IN BOX
MO.11 SCALE: N.T.S.



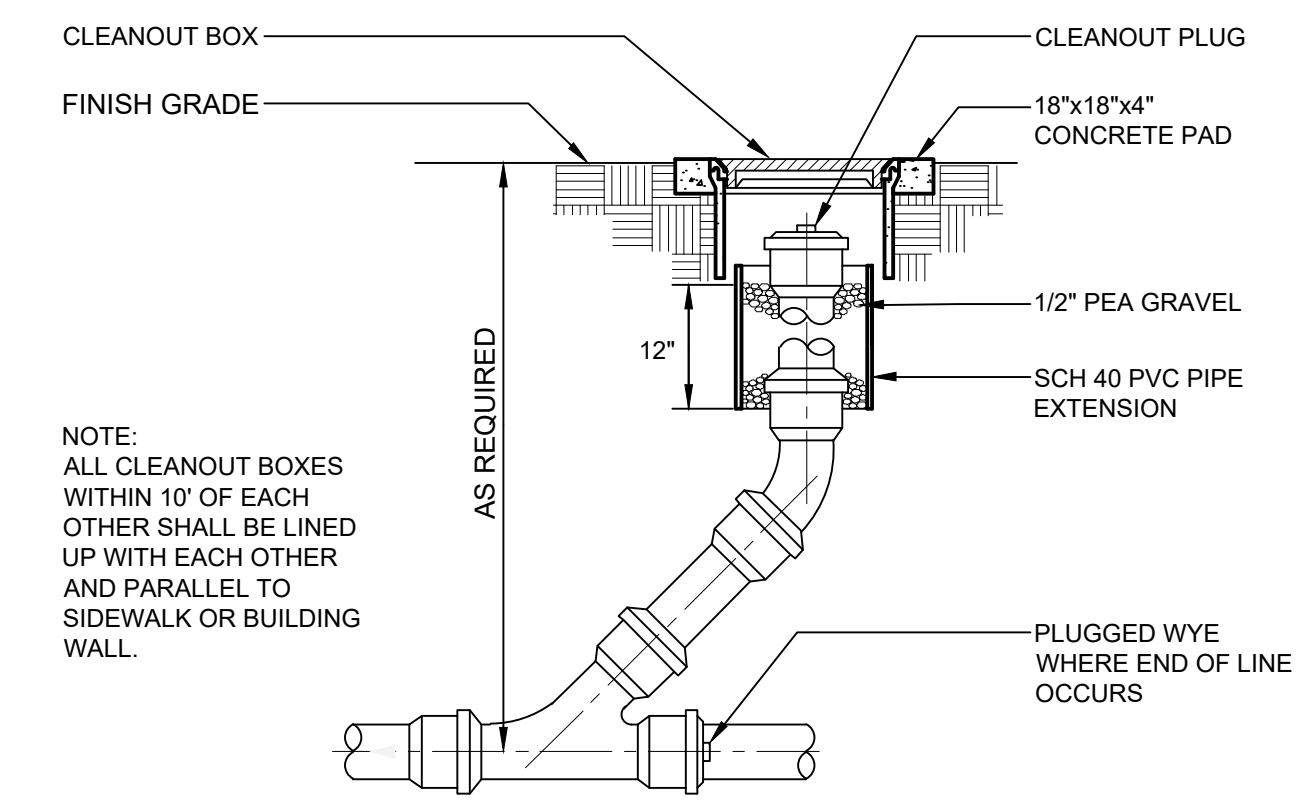
5 INDOOR UNIT - CEILING
MO.11 SCALE: N.T.S.



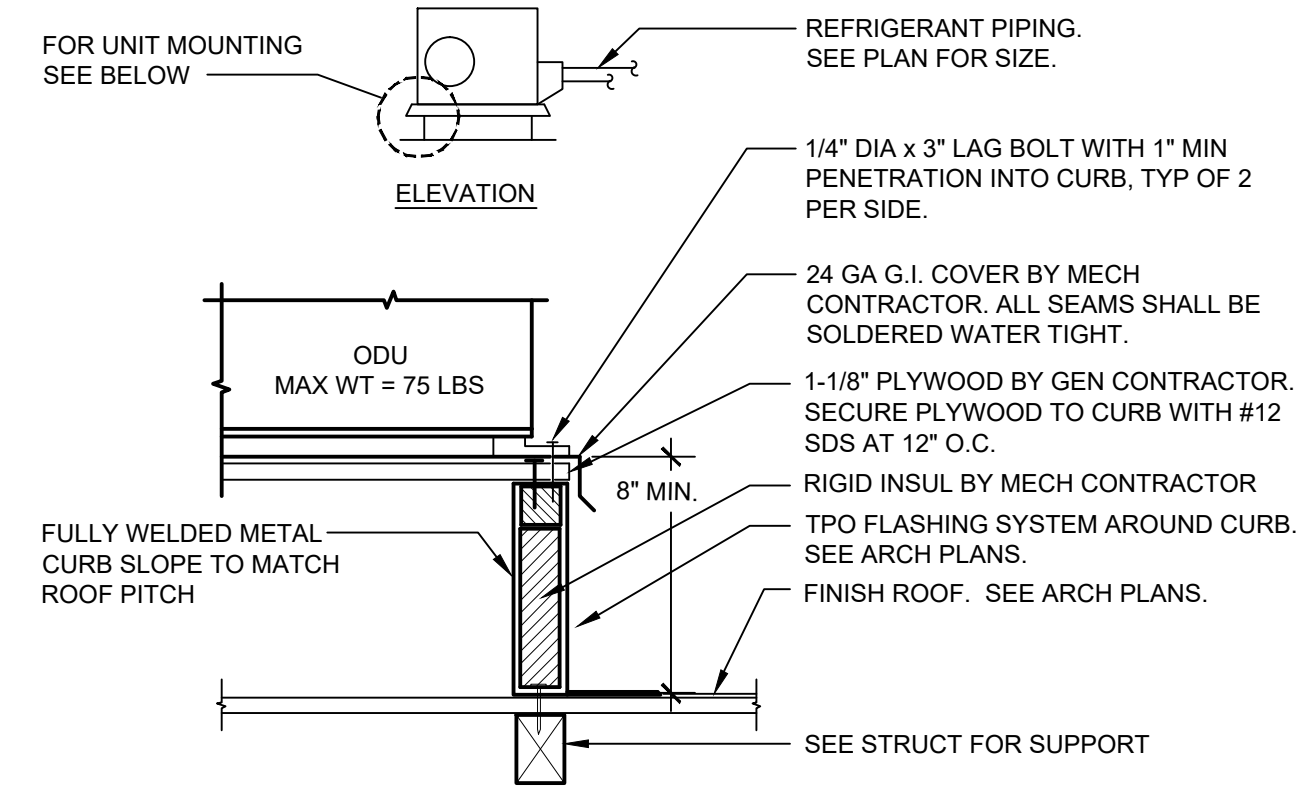
1 TYPICAL SUPPLY AIR DEVICE - BRANCH DUCT
MO.11 SCALE: N.T.S.



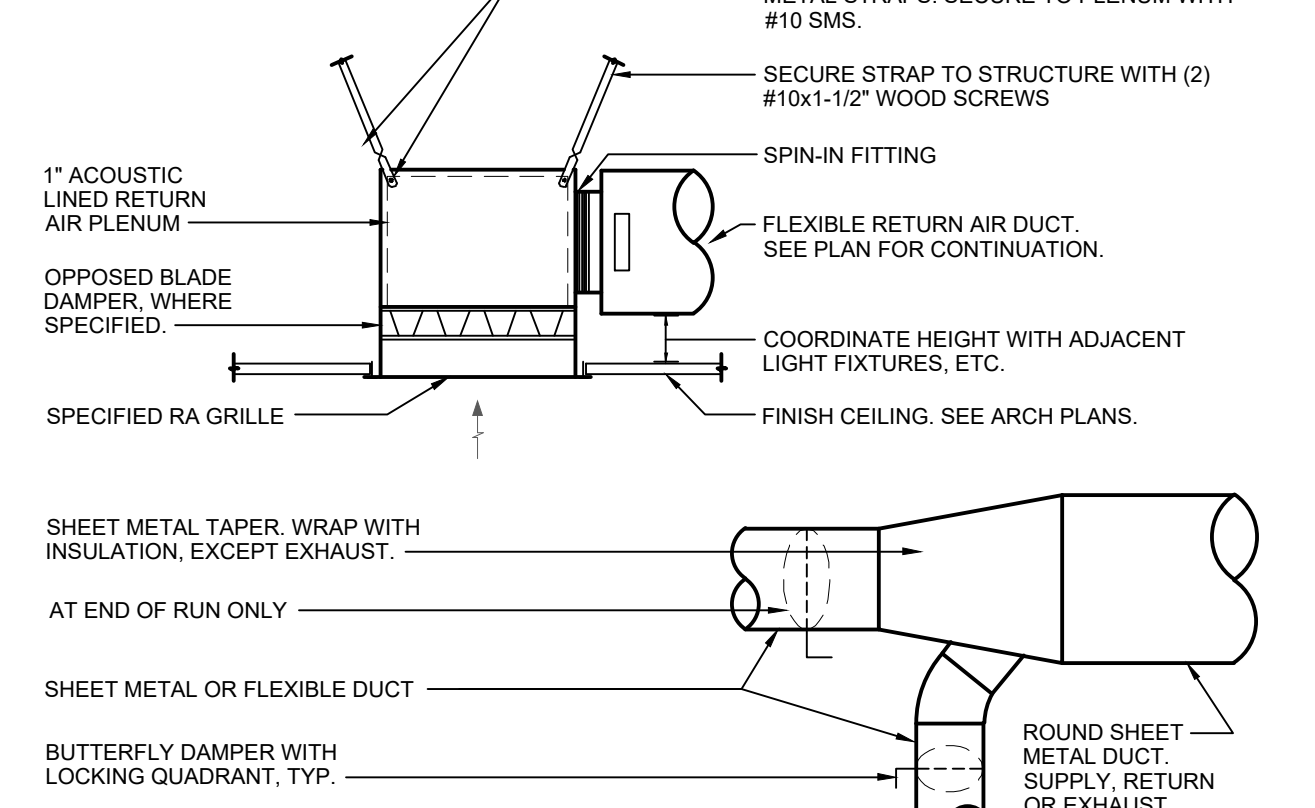
10 CLEANOUT TO GRADE (COTG)
MO.11 SCALE: N.T.S.



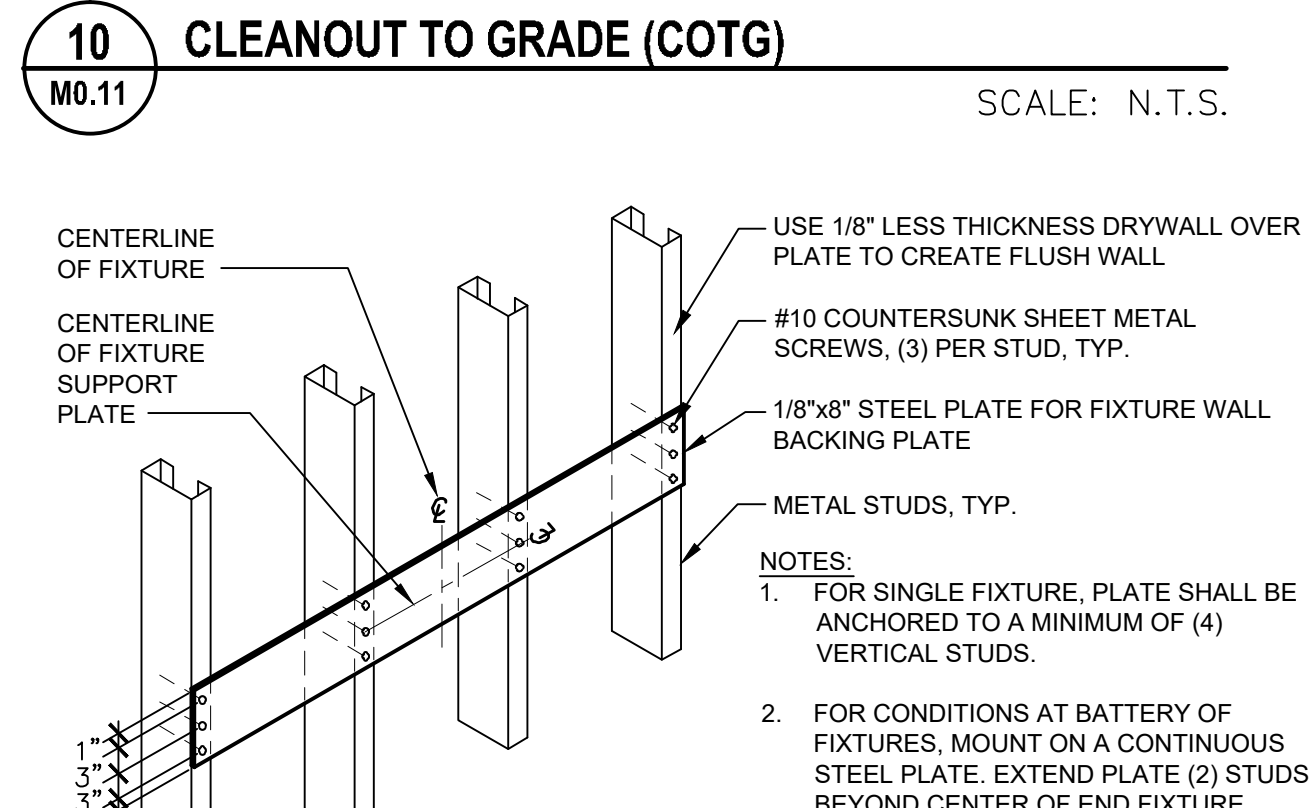
6 OUTDOOR UNIT
MO.11 SCALE: N.T.S.



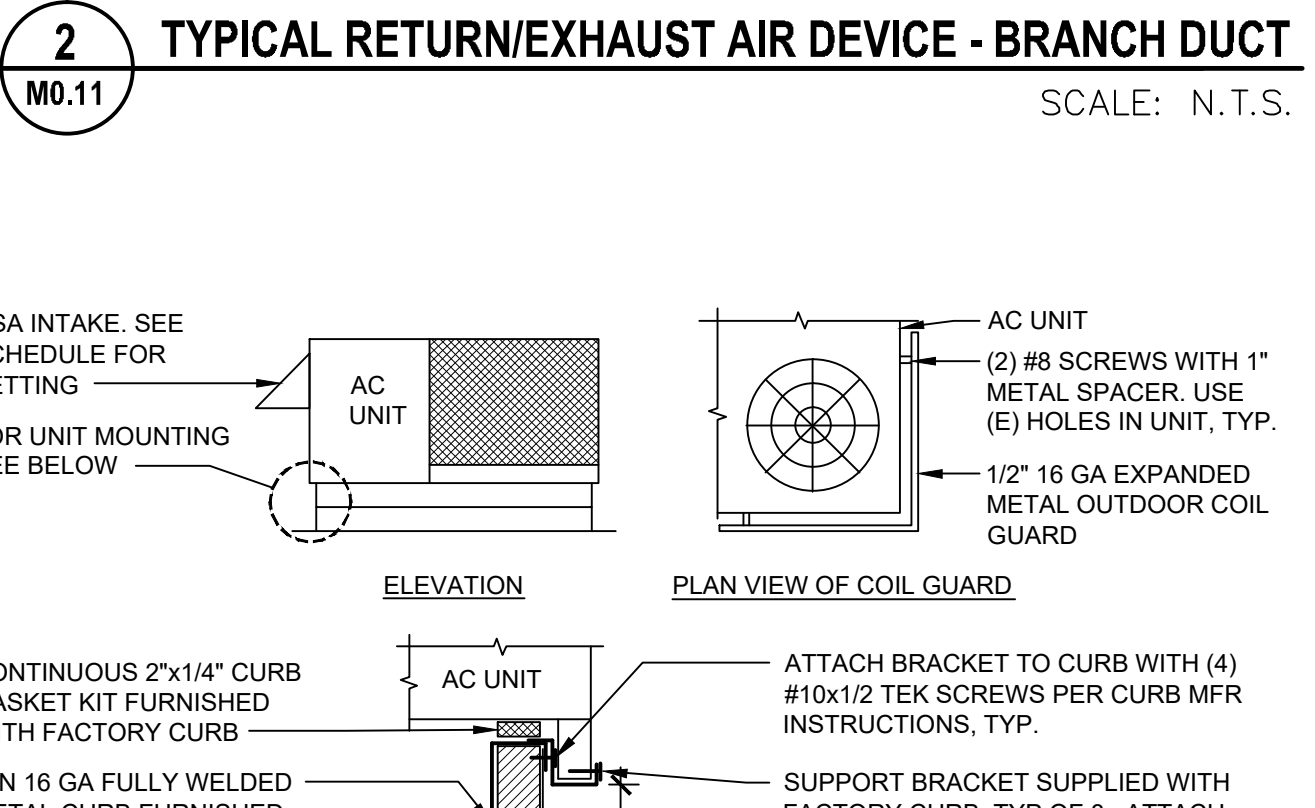
2 TYPICAL RETURN/EXHAUST AIR DEVICE - BRANCH DUCT
MO.11 SCALE: N.T.S.



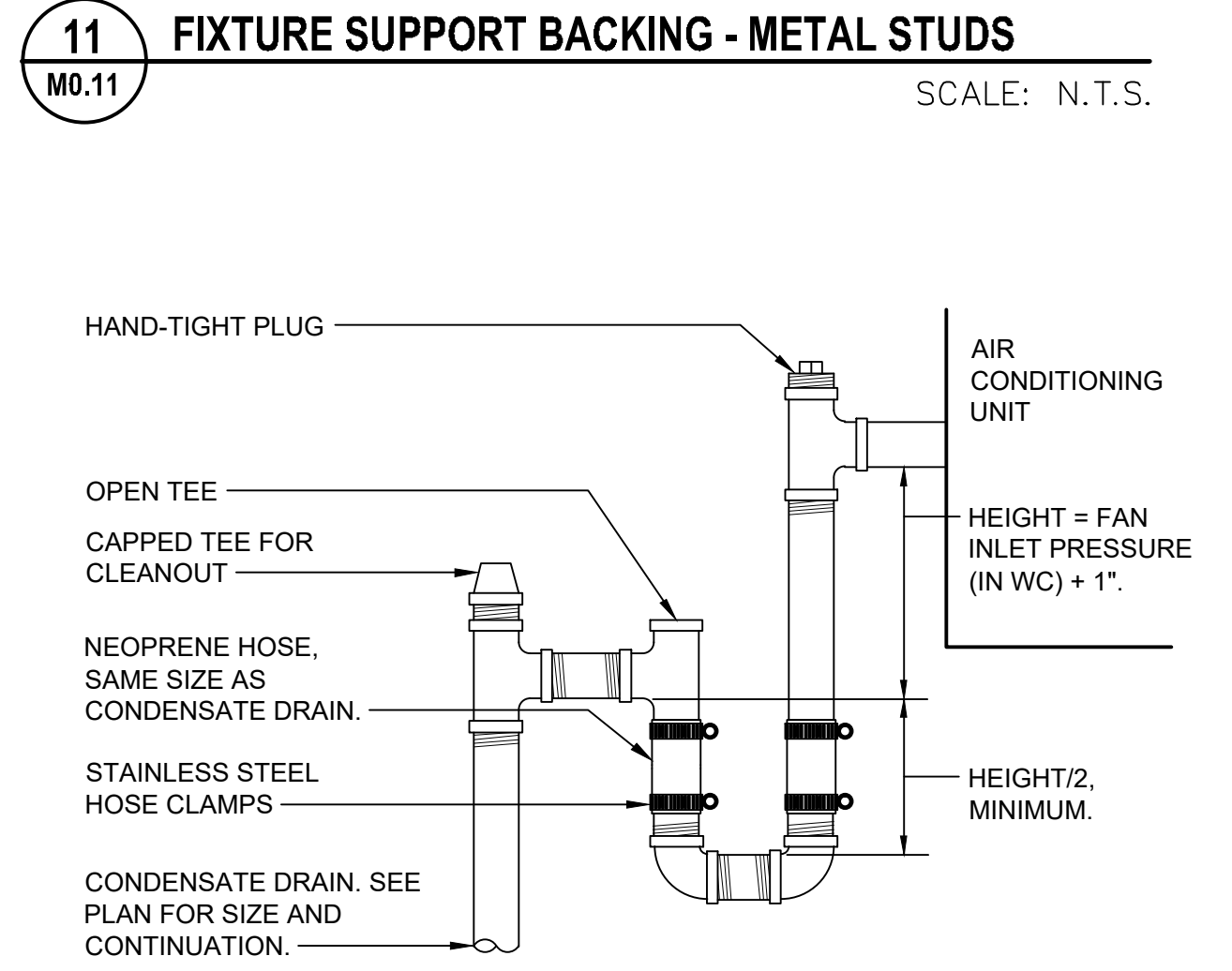
11 FIXTURE SUPPORT BACKING - METAL STUDS
MO.11 SCALE: N.T.S.



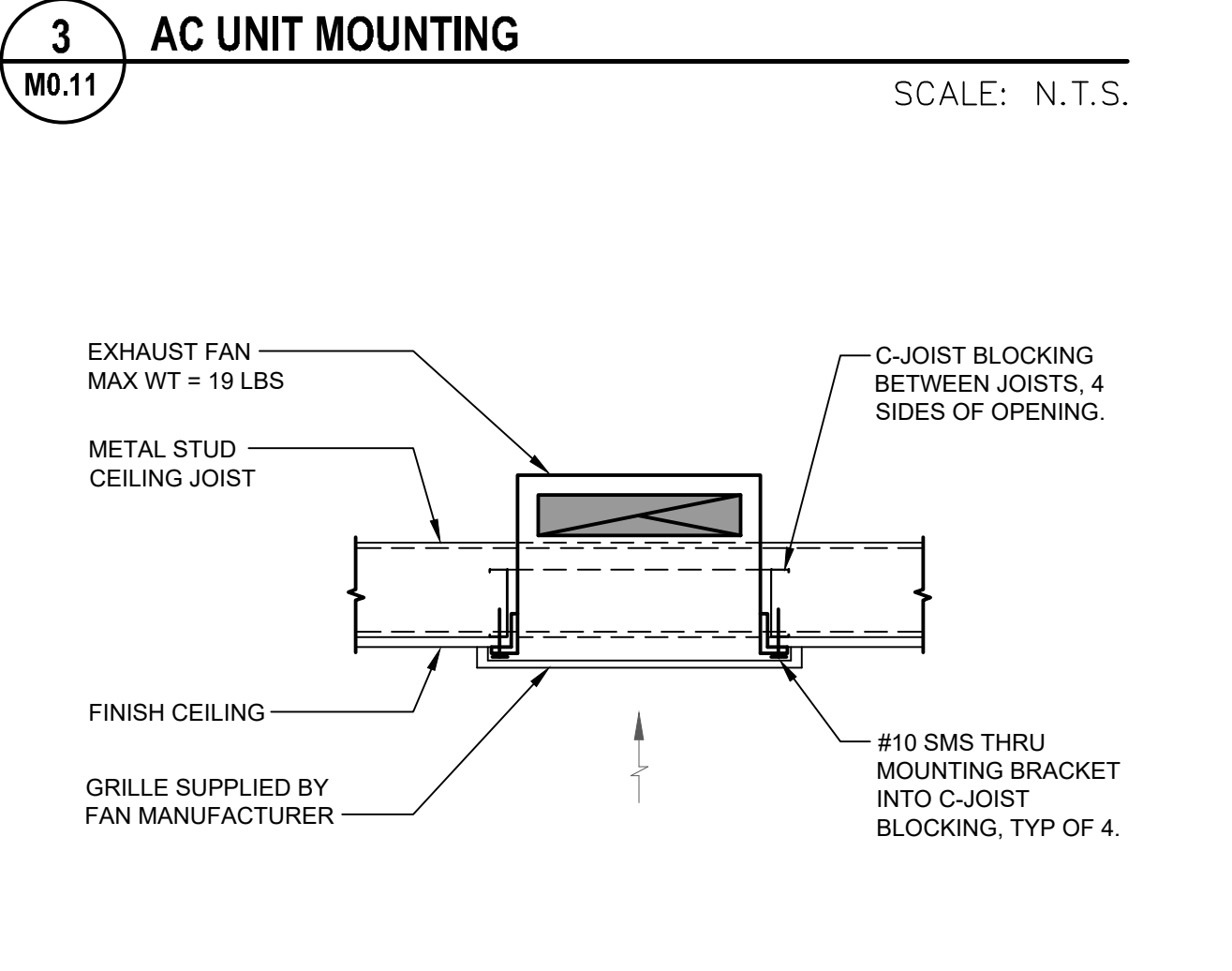
3 AC UNIT MOUNTING
MO.11 SCALE: N.T.S.



12 CONDENSATE DRAIN CONNECTION - DRAW THRU
MO.11 SCALE: N.T.S.



4 EXHAUST FAN - CEILING
MO.11 SCALE: N.T.S.



MEP COMPONENT ANCHORAGE NOTE
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.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- 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.
- 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:

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- 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 PREAPPROVED INSTALLATION GUIDE (e.g., OSHPD 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):
MP □ MD □ PP □ E □ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP □ MD □ PP □ E □ OPTION 2: SHALL COMPLY WITH THE APPLICABLE HCAI PRE-APPROVAL (OPM #) #OPM-0043-13 MASON WEST SEISMIC RESTRAINT GUIDELINES FOR SUSPENDED DISTRIBUTION SYSTEMS.

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REVIEWED FOR
SS FLS ACS
DATE: 05/11/2023



BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL
1100 CITADEL STREET
BAKERSFIELD, CA 93307



integrated designs
by SOMAM, Inc.
ARCHITECTURE ENGINEERING INTERIOR DESIGN

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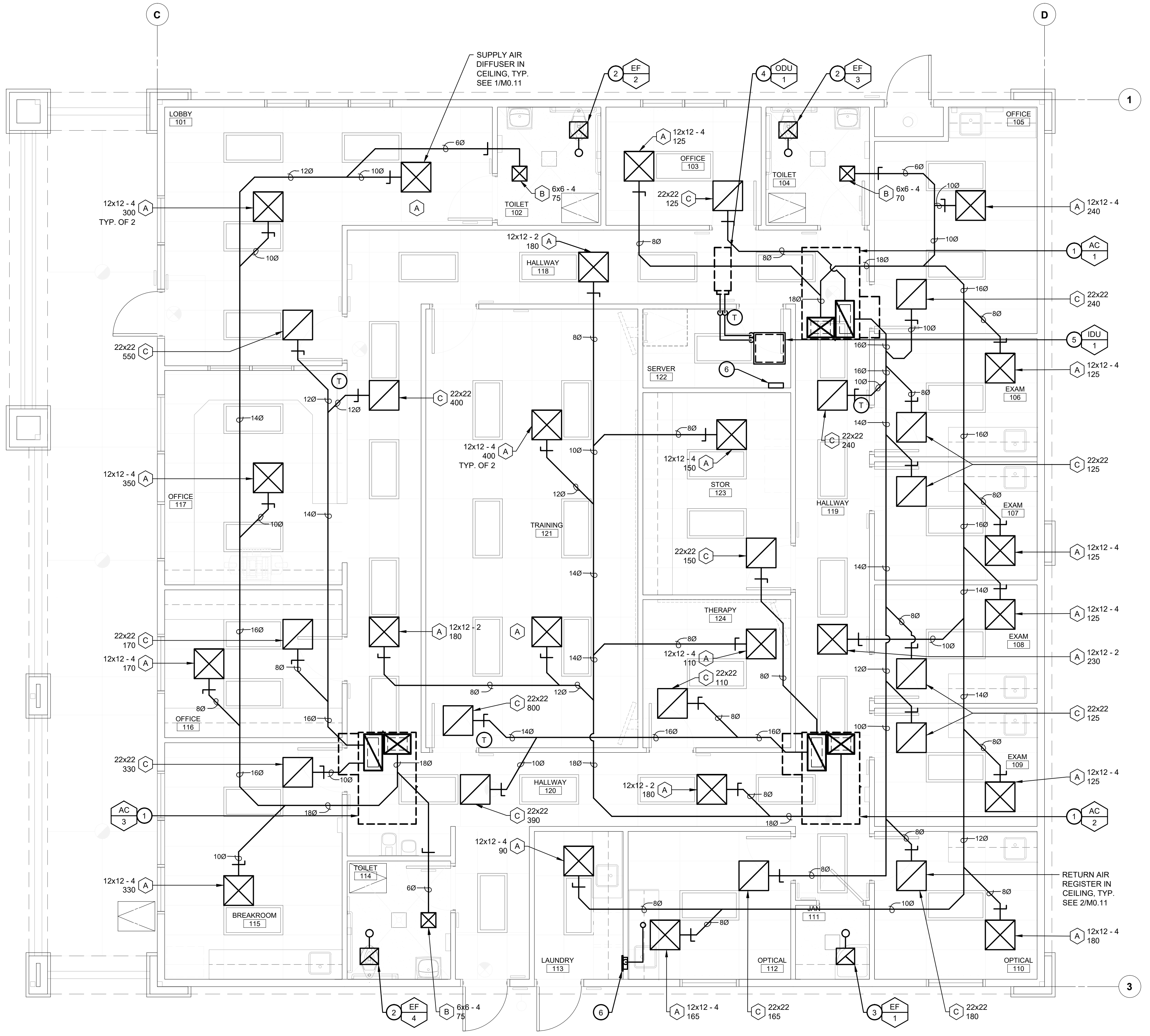
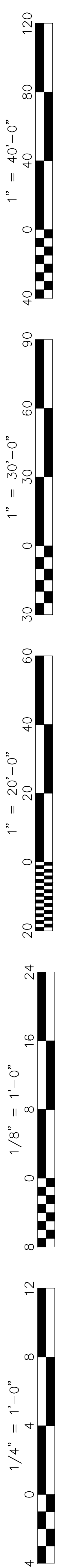
Sheet Title:

DETAILS

Job No.: **5527**

Sheet No.: **M0.11**

Release: DSA BACKCHECK



HVAC PLAN
WELLNESS CENTER

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

KEY NOTES

- AC UNIT ON ROOF WITH 18x14(L) SUPPLY AIR PLENUM AND 26x12(L) RETURN AIR PLENUM DROP THRU ROOF. SEE 3/M0.11
- CEILING EXHAUST FAN WITH 6" ROUND EXHAUST DUCT THRU ROOF. PROVIDE FLASHING AND CAP ASSEMBLY. SEE 4/M0.11
- CEILING EXHAUST FAN WITH 5" ROUND EXHAUST DUCT THRU ROOF. PROVIDE FLASHING AND CAP ASSEMBLY. SEE 4/M0.11
- OUTDOOR UNIT ON ROOF. EXTEND REFRIGERANT PIPING TO INDOOR UNIT. SEE 6/M0.11
- INDOOR UNIT RECESSED IN CEILING SUSPENDED FROM STRUCTURE. SEE 5/M0.11
- DRYER VENT BOX RECESS IN WALL WITH 4" ALUMINUM DRYER VENT DUCT UP THRU ROOF. PROVIDE FLASHING AND CAP ASSEMBLY. IN-O-VATE TECH DB-350 AND DJK486, OR EQUAL.
- HVAC WIRELESS REPEATER. COORDINATE EXACT LOCATION WITH OWNER. PROVIDE 120/1 WALL OUTLET.

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BAKERSFIELD CITY SCHOOL DISTRICT
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Project Name:
WELLNESS CENTER

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BAKERSFIELD, CA 93307

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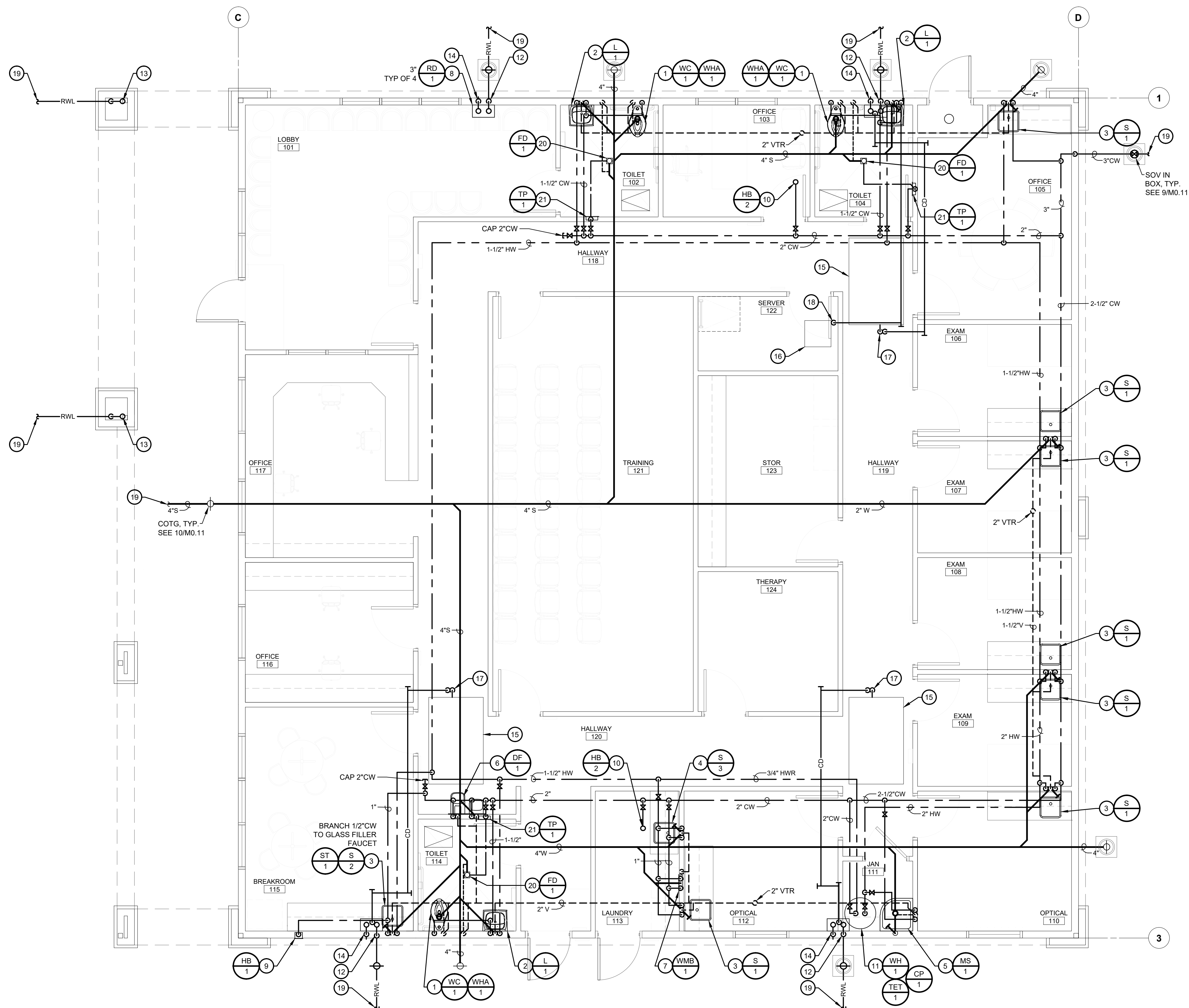
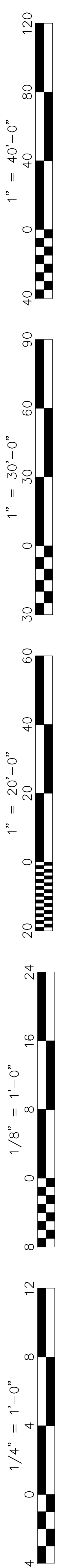


Sheet Title:
HVAC PLAN

Job No.:
5527

Sheet No.:
M2.11

Release: DSA BACKCHECK



PLUMBING PLAN
WELLNESS CENTER

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

KEY NOTES

1. 1-1/2" CW, 4" S, 2" V TO WATER CLOSET, TYP.
2. 3/4" CW & HW, 2" W, 1-1/2" V TO LAV, TYP.
3. 3/4" CW & HW, 2" W WITH WCO, 1-1/2" V TO SINK, TYP.
4. 3/4" CW & HW, 4" W WITH WCO, 2" V TO LAUNDRY SINK, TYP.
5. 3/4" CW & HW, 3" W WITH WCO, 2" V TO MOP SINK, TYP.
6. 3/4" CW, 2" W, 1-1/2" V TO DRINKING FOUNTAIN, FOR EACH CONNECTION. EXTEND 3/4" CW TO BOTTLE FILLER.
7. 3/4" CW & HW, 2" W, 1-1/2" V TO WASHING MACHINE BOX WITH SOV FOR CONNECTION TO RESIDENTIAL TYPE WASHING MACHINE.
8. COMBO ROOF DRAIN AND OVERFLOW DRAIN. SEE ARCH ROOF PLAN FOR EXACT LOCATION.
9. 3/4" CW TO HOSE BIBB AT 12" ABOVE FINISH GRADE, TYP.
10. 3/4" CW UP TO HOSE BIBB ON ROOF WITH SOV, TYP. SEE ARCH PLANS FOR EXACT LOCATION. DO NOT PLACE IN WALKWAY.
11. ELECTRIC WATER HEATER WITH CIRCULATING PUMP AND EXPANSION TANK. SEE 13/MO.11
12. 3" RWL DOWN IN WALL TO BELOW GRADE. PROVIDE COTG AND CONNECT TO SITE STORM DRAIN SYSTEM, TYP.
13. CONNECT 3" RWL TO ROOF GUTTER, OFFSET AS NEEDED, DROP DOWN IN COLUMN SPACE TO BELOW GRADE. PROVIDE COTG AND CONNECT TO SITE STORM DRAIN SYSTEM, TYP.
14. 3" OL DOWN IN WALL, DISCHARGE THRU WALL AT +12" ABOVE FINISH GRADE WITH 1" EXTENSION PAST WALL, TYP. SEAL WALL PENETRATION WATER TIGHT. PAINT EXPOSED PIPE TO MATCH WALL. SEE ARCH PLANS FOR EXACT LOCATION.
15. AC UNIT ON ROOF, TYP. SEE MECH PLANS FOR EXACT LOCATION.
16. INDOOR UNIT RECESSED IN CEILING WITH INTEGRAL CONDENSATE PUMP. SEE MECH PLANS FOR EXACT LOCATION.
17. CONNECT 3/4" CD TO AC UNIT ON ROOF WITH TRAP PER 12/MO.11 AND DISCHARGE TO ROOF DRAIN WITH AIR GAP.
18. CONNECT 1" DRAIN TO INDOOR UNIT, OFFSET ABOVE CEILING, AND DISCHARGE TO TAILPIECE OF LAV.
19. SEE CIVIL PLANS FOR CONTINUATION
20. 1/2" CW BELOW FLOOR FROM TRAP PRIMER, 2" W, 1-1/2" V TO FLOOR DRAIN, TYP.
21. 3/4" CW TO TRAP PRIMER WITH SOV IN WALL AT +24" BEHIND WALL ACCESS PANEL. EXTEND 1/2" CW BELOW FLOOR TO FLOOR DRAIN.

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DATE: 05/11/2023

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
WELLNESS CENTER
1100 CITADEL STREET
BAKERSFIELD, CA 93307

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Sheet Title:
PLUMBING PLAN

Job No.: **5527**

Sheet No.: **M3.11**

Release: DSA BACKCHECK

Project Name: BCSD Dr. Martin Luther King Jr. Elem School - Wellness Center
Project Address: 1100 Citadel Street Bakersfield 93307
Input File Name: 22-5527 T24 2022-10-21.cibd19x

H2. FAN SYSTEMS SUMMARY
Table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14. Includes Name or Item Tag, Qty, Design OA, CFM, Modeling Method, Power, Power Units, Control, CFM, Modeling Method, Power, Power Units, Control.

H3. EXHAUST FAN SUMMARY
Table with columns: 1, 2, 3, 4, 5, 6, 7, 8. Includes System ID, Zone Name, Qty, CFM, Motor BHP, Power Per Flow (W/cfm), Total Static Pressure (in. H2O).

H4. Wet System Equipment (boilers, chillers, cooling towers, etc.)
This Section Does Not Apply

H5. PUMPS
This Section Does Not Apply

H6. SYSTEM SPECIAL FEATURES
Table with columns: 1, 2, 3, 4. Includes System Name, Equipment Type, Window Interlocks per §140.4(n), Other Special Features and Controls.

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Project Name: BCSD Dr. Martin Luther King Jr. Elem School - Wellness Center
Project Address: 1100 Citadel Street Bakersfield 93307
Input File Name: 22-5527 T24 2022-10-21.cibd19x

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)
Table with columns: 1, 2, 3, 4. Includes Opaque Surfaces & Orientation, Total Gross Surface Area (ft²), Total Fenestration Area (ft²), Window to Wall Ratio (%).

Notes: North-Facing is oriented to within 45 degrees of true north, including 45°00'00" east of north (NE), but excluding 45°00'00" west of north (NW).

G2. CRRC ROOFING PRODUCT SUMMARY
Table with columns: 1, 2, 3, 4, 5. Includes Assembly Name, Roof Pitch, Aged Solar Reflectance, Thermal Emittance, SRI.

G3. OPAQUE SURFACE ASSEMBLY SUMMARY
Table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. Includes Surface Name, Surface Type, Area (ft²), Framing Type, Cavity R-Value, Continuous R-Value, Units, Value, Description of Assembly Layers.

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Project Address: 1100 Citadel Street Bakersfield 93307
Input File Name: 22-5527 T24 2022-10-21.cibd19x

A. GENERAL INFORMATION
Table with columns: 1-14. Includes Project Location (city), CA Zip Code, Climate Zone, Total Conditioned Floor Area in Scope, Total Unconditioned Floor Area, Total # of Stories (Habitable Above Grade), Total # of dwelling units.

B. PROJECT SUMMARY
Table Instructions: Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within permit application.

Table with columns: Building Components Complying via Performance, Building Components Complying Prescriptively. Includes Envelope (see Table G), Mechanical (see Table H), Domestic Hot Water (see Table I), Lighting (Indoor Conditioned, see Table K), Solar Thermal Water Heating (see Table I).

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H6. SYSTEM SPECIAL FEATURES
Table with columns: 1, 2, 3, 4. Includes System Name, Equipment Type, Window Interlocks per §140.4(n), Other Special Features and Controls.

H7. NONRESIDENTIAL VENTILATION
Table with columns: 1, 2, 3, 4, 5, 6, 7. Includes Zone Name, Ventilation Function, # of people, Supply OA CFM, Exhaust CFM, Conditioned Area (sf), DCV or Occupant Sensor Controls, or Both.

H8. HIGH-RISE RESIDENTIAL DWELLING UNIT AND HOTEL/MOTEL VENTILATION
This Section Does Not Apply

H9. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY
Table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13. Includes System ID, Zone Name, System Type, Qty, Rated Capacity (kBtu/h), Airflow (cfm), Fan, Heating, Cooling, Design, Min., Min. Ratio, Power, Power Units, Cycles, VSD.

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Project Name: BCSD Dr. Martin Luther King Jr. Elem School - Wellness Center
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G3. OPAQUE SURFACE ASSEMBLY SUMMARY
Table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. Includes Surface Name, Surface Type, Area (ft²), Framing Type, Cavity R-Value, Continuous R-Value, Units, Value, Description of Assembly Layers.

Notes: This table is used to document compliance with programs OTHER THAN Title 24 Part 6, if applicable.

G4. OPAQUE DOOR SUMMARY
Table with columns: 1, 2, 3. Includes Assembly Name, Overall U-factor, Status.

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Project Name: BCSD Dr. Martin Luther King Jr. Elem School - Wellness Center
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C1. COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft²-yr)
Table with columns: Energy Component, Standard Design (TDV), Proposed Design (TDV), Compliance Margin (TDV%).

C2. RESULTS FOR 'ABOVE CODE' QUALIFICATIONS
Table with columns: Miscellaneous Energy Component, Standard Design (TDV), Proposed Design (TDV), Compliance Margin (TDV%).

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H10. EVAPORATIVE COOLER SUMMARY
This Section Does Not Apply

H11. HEAT RECOVERY SUMMARY
This Section Does Not Apply

H1. WATER HEATER EQUIPMENT SUMMARY
Table with columns: 1-14. Includes Name, Heater Element Type, Tank Type, Qty, Tank Vol (gal), Rated Input, Rated Input Unit, Efficiency, Efficiency Unit, Tank Insulation R-value (Int/Fac), Standby Loss Fraction, 1st Hour Rating or Flow Rate (gpm), Heat Pump Type, Tank Location or Ambient Condition.

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G5. FENESTRATION ASSEMBLY SUMMARY
Table with columns: 1-9. Includes Fenestration Assembly Name / Tg or LD, Fenestration Type / Product Type / Frame Type, Certification Method¹, Assembly Method, Area ft², Overall U-factor, Overall SHGC, Overall VT, Status.

Notes: Newly installed fenestration shall have a certified NRCC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center of Glass (COG) values are for the glass only, determined by the manufacturer, and are shown for ease of verification. See both fenestration values are calculated per Nonresidential Appendix H6E and are used in the analysis.

H1. DRY SYSTEM EQUIPMENT (furnaces, air handling units, heat pumps, VRF, economizers etc.)
Table with columns: 1-12. Includes Equipment Name, Equipment Type, Qty, Heating, Cooling, Economizer Type (if present).

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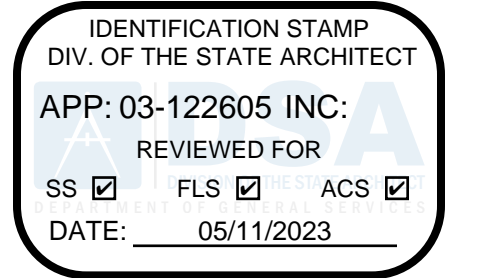
Project Name: BCSD Dr. Martin Luther King Jr. Elem School - Wellness Center
Project Address: 1100 Citadel Street Bakersfield 93307
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C3. ENERGY USE SUMMARY
Table with columns: Energy Component, Standard Design Site (kBtu/h), Proposed Design Site (kBtu/h), Margin (kBtu/h), Standard Design Site (MBtu), Proposed Design Site (MBtu), Margin (MBtu).

D. EXCEPTIONAL CONDITIONS
This project includes partial performance compliance scope options. The building must show compliance with all other applicable compliance scope options (performance or prescriptively) before occupying.

E. HERS VERIFICATION
This Section Does Not Apply

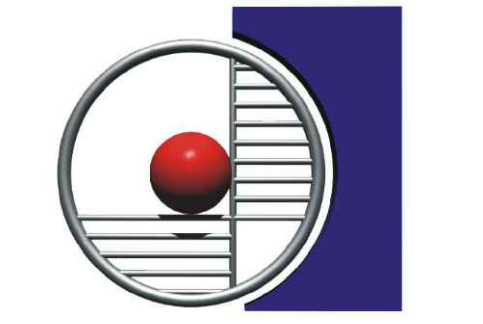
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BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name: WELLNESS CENTER

Project Address: WELLNESS CENTER
1100 CITADEL STREET
BAKERSFIELD, CA 93307



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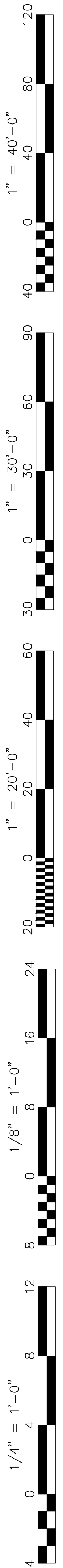


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Job No.: 5527

Sheet No.: M4.01

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Project Name:	BCSD Dr. Martin Luther King Jr. Elem School - Wellness Center	NRCC-PRF-01-E	Page 10 of 12
Project Address:	1100 Citadel Street Bakersfield 93307	Calculation Date/Time:	14:58, Fri, Oct 21, 2022
Input File Name:	22-5527 T24 2022-10-21.cbld19x		

L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online at: https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/

Building Component	Form/Title
Envelope	NRCC-ENV-01-E - Must be submitted for all buildings
Mechanical	NRCC-MCH-01-E - Must be submitted for all buildings
Plumbing	NRCC-PLB-01-E - Must be submitted for all buildings
Covered Process	NRCC-PRC-01-E - Must be submitted for all Covered Processes

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Project Name:	BCSD Dr. Martin Luther King Jr. Elem School - Wellness Center	NRCC-PRF-01-E	Page 11 of 12
Project Address:	1100 Citadel Street Bakersfield 93307	Calculation Date/Time:	14:58, Fri, Oct 21, 2022
Input File Name:	22-5527 T24 2022-10-21.cbld19x		

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/

Building Component	Form/Title
Envelope	NRCA-ENV-02-F - NRCC label verification for fenestration
Covered Process	NRCA-PRC-14-F - Lab Exhaust Ventilation System
Mechanical	NRCA-MCH-02-A Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
	NRCA-MCH-03-A Constant Volume Single Zone HVAC
	NRCA-MCH-05-A Air Economizer Controls
	NRCA-MCH-11-A Automatic Demand Shed Controls
	NRCA-MCH-13-A Automatic FDD for Air Handling Units and Zone Terminal Units Acceptance

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Project Name:	BCSD Dr. Martin Luther King Jr. Elem School - Wellness Center	NRCC-PRF-01-E	Page 12 of 12
Project Address:	1100 Citadel Street Bakersfield 93307	Calculation Date/Time:	14:58, Fri, Oct 21, 2022
Input File Name:	22-5527 T24 2022-10-21.cbld19x		

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Lisa Lum
 Company: Integrated Designs by SOMAM, Inc. Signature: *Lisa Lum*
 Address: 6011 North Fresno Street, Suite 130 Signature Date: 2022-10-21
 City/State/Zip: Fresno CA 93710 CEA/HERS Certification Identification (if applicable):
 Phone: 559-436-0881

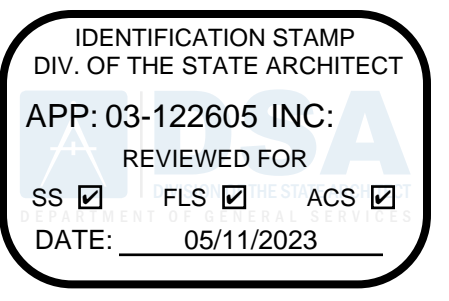
RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept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


Responsible Envelope Designer Name: Curtis Flynn
 Company: Integrated Designs by SOMAM, Inc. Signature: *Curtis Flynn*
 Address: 6011 North Fresno Street, Suite 130 Date Signed: 2022-10-21
 City/State/Zip: Fresno CA 93710 Title: A.R.C.I.A. License #: C28566
 Phone: 559-436-0881

Responsible Lighting Designer Name:
 Company: Signature: NOT IN SCOPE
 Address: Date Signed:
 City/State/Zip: Title: License #:

Responsible Mechanical Designer Name: Lisa Lum, PE
 Company: Integrated Designs by SOMAM, Inc. Signature: *Lisa Lum*
 Address: 6011 North Fresno Street, Suite 130 Date Signed: 2022-10-21
 City/State/Zip: Fresno CA 93710 Title: MECHA ENGR License #: M32712
 Phone: 559-436-0881

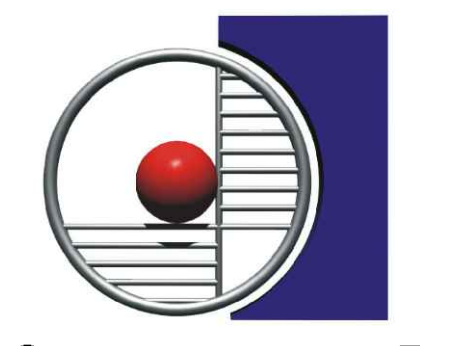
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Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
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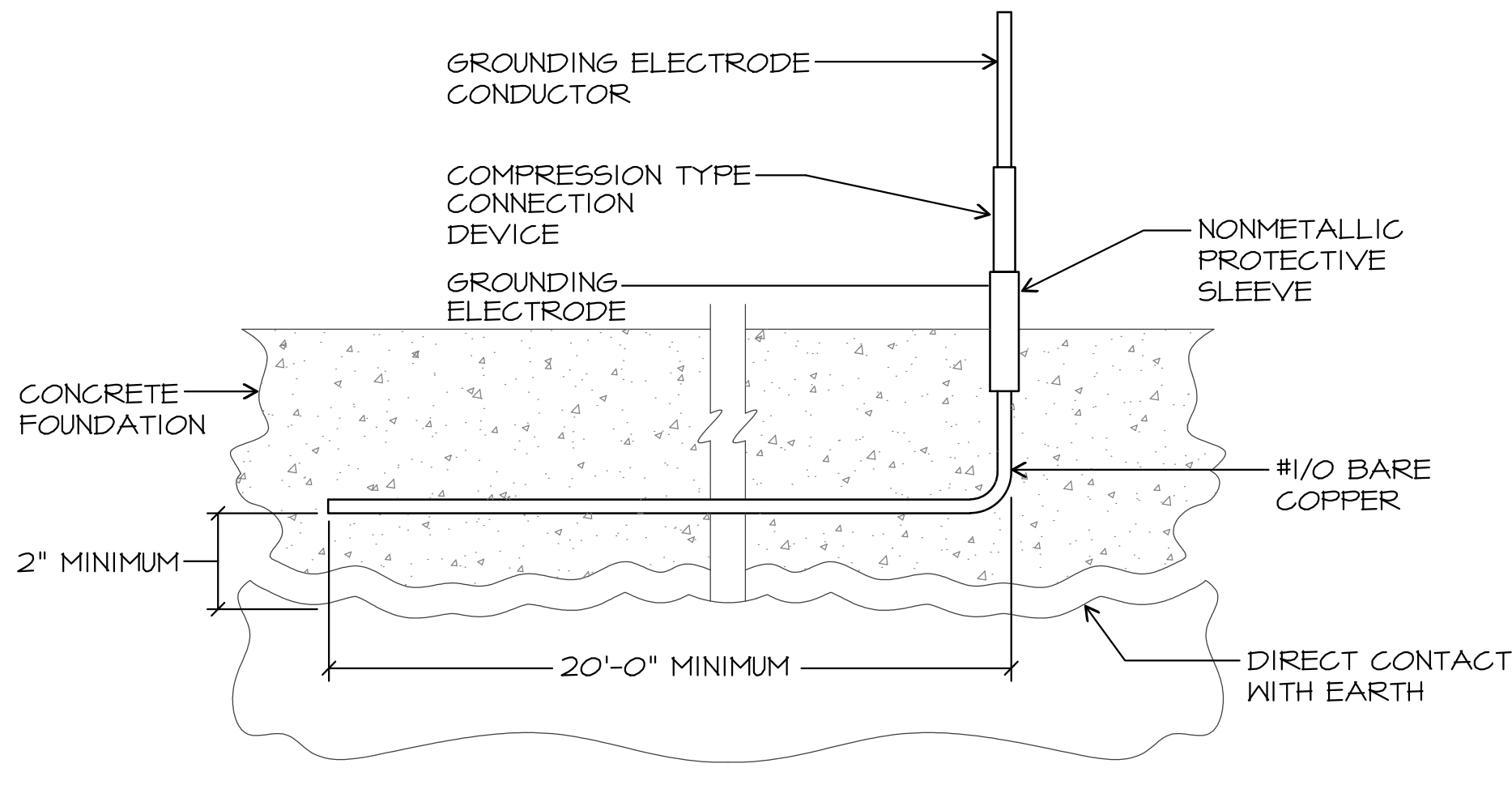
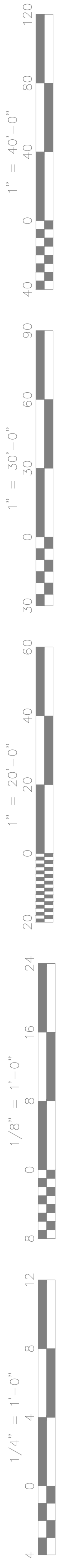


Sheet Title:
**TITLE 24
 DOCS**

Job No.:
5527

Sheet No.:
M4.02

Release: DSA BACKCHECK



THE GROUNDING SYSTEM SHALL CONSIST OF A "UFER" TYPE 20' LONG OF #1/0 BARE COPPER CONDUCTOR EMBEDDED ALONG THE BOTTOM OF A CONCRETE FOOTING OR GRADE BEAM THAT IS IN DIRECT CONTACT WITH THE EARTH.

UFER GROUND DETAIL
SCALE: NONE

APPLICABLE CODE: 2019 CBC

MEP COMPONENT ANCHORAGE NOTE

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 STRUCTURE 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

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 PREAPPROVED INSTALLATION GUIDE (E.G., HCAI 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.

ELECTRICAL DISTRIBUTION SYSTEMS (E):

DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

GENERAL NOTES

1. VISIT JOB SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
2. THE ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2019 CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES WHERE PLANS CALL FOR A HIGHER STANDARD THAN APPLICABLE CODES, THE PLANS SHALL GOVERN.
3. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS.
4. ALL ELECTRICAL EQUIPMENT, APPLIANCES AND LIGHTING FIXTURES SHALL BE LISTED BY A RECOGNIZED TEST LAB AND BEAR THAT LABEL OF APPROVAL.
5. CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIAL AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
6. FURNISH DISCONNECT SWITCHES AT REMOTE MOTORS.
7. ALL SPACES AS INDICATED ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARE AND BUSSING FOR FUTURE BREAKER OR SWITCH.
8. CHECK ARCHITECTURAL PLANS FOR DOOR SWINGS BEFORE INSTALLING SWITCH OUTLETS.
9. GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS SPECIFIED OR SHOWN ON DRAWINGS.
10. ALL CONDUIT RUNS SHALL CONTAIN A CODE SIZED GREEN GROUND WIRE.
11. THESE PLANS ARE NOT COMPLETE UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION.
12. ALL CONDUCTORS SHALL BE IN CONDUIT.
13. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION.

ACCESSIBILITY NOTES

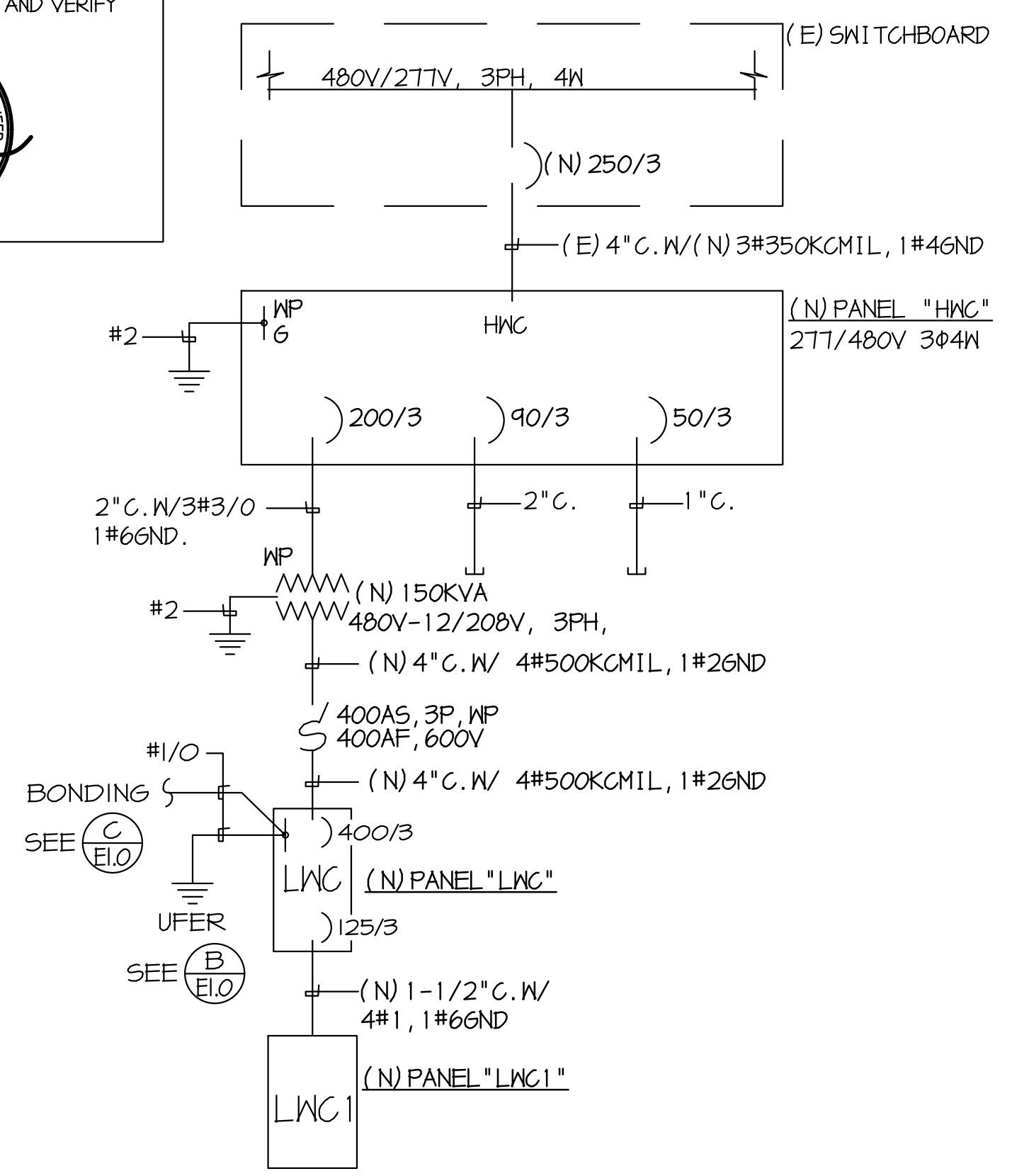
Installation of switches, outlets and controls to reflect the accessibility requirements of the 2019 CBC Chapters 11A and 11B for Accessibility.

1. CBC 11B-308.1.1 Electrical controls and switches intended to be used by the occupant of a room or area shall be located within the allowable reach ranges. Low reach shall be measured from the bottom of the outlet box and high reach is measured to the top of the outlet box.
2. CBC 11B-308.1.2 Electrical receptacle outlets on branch circuits of 30 amperes or less and communication system receptacles shall be located in the allowable reach range. Low reach shall be measured from the bottom of the outlet box and high reach is measured to the top of the outlet box.
3. CBC 11B-308.2.1 High forward reach that is unobstructed shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above finish floor or ground.
4. CBC 11B-308.2 Forward Reach Obstructed - Electrical receptacle outlets shall be located no more than 44 inches measured from the top of the receptacle outlet box when the obstruction is over 20" and does not exceed 25". When the depth is less than 20" height can be increased to 48". (desk counters)
5. CBC 11B-308.3 Side Reach Obstructed - Electrical receptacle outlets shall be located no more than 46 inches measured from the top of the receptacle outlet box when the obstruction is over 10" and does not exceed 24". When the depth is less than 10" height can be increased to 48".
6. Overhang light fixtures or wall fixtures projecting more than 4" from the wall surface shall be a minimum of 80" above the walking surface.

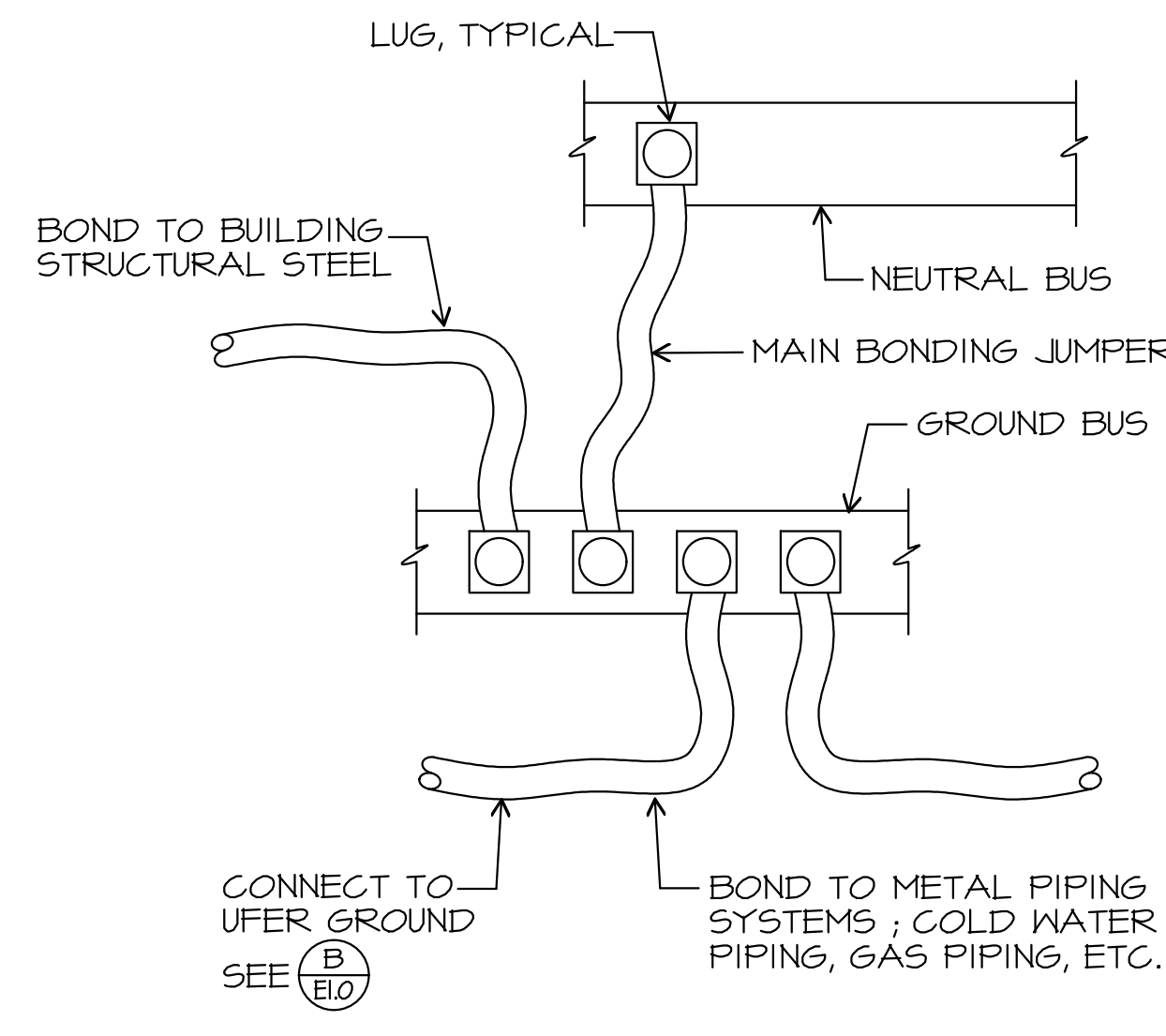
SYMBOLS

- CONDUIT EXISTING
 - CONDUIT CONCEALED IN WALL OR CEILING
 - CONDUIT CONCEALED UNDER FLOOR OR BELOW GRADE
 - CONDUIT STUBBED OUT AND CAPPED
 - CONDUIT TURNED UP
 - CONDUIT TURNED DOWN
 - ≡≡≡ HATCH MARKS INDICATE NO. OF #12 WIRES IN CODE SIZED CONDUIT (3) MAX IN 1/2" C., (5) MAX IN 3/4" C., (8) MAX IN 1" C., NO MARKS = 2 #12
 - ← HOME RUN LETTER INDICATES PANEL, NUMBER(S) INDICATES CIRCUIT(S)
 - ≡≡≡ SAWCUT
 - ≡≡≡ GROUND CONNECTION
 - ▨ DISTRIBUTION SWITCHBOARD OR PANEL
 - ▨ PANEL, BRANCH CIRCUIT TYPE, SURFACE AND FLUSH
 - ▨ SIGNAL TERMINAL CABINET, SURFACE & FLUSH
 - LINEAR SURFACE FIXTURE
 - OUTLET DATA: BAR INDICATES WALL MOUNT, LETTER INDICATES SWITCH CONTROL, NO. INDICATES CIRCUIT.
 - SURFACE FIXTURE ON FLUSH OUTLET.
 - RECESSED FIXTURE WITH JUNCTION BOX FOR THRU WIRING
 - ⊗ EXIT LIGHT WITH ARROWS AS SHOWN ON PLANS, WALL AND CEILING MOUNT.
 - ⊗ LOW LEVEL EXIT SIGN, +6" AFF, +4" FROM DOOR JAMB
 - ⊗ LIGHT FIXTURE DESIGNATION, LETTER INDICATES TYPE, NO. INDICATES WATTAGE. SEE FIXTURE SCHEDULE.
 - ⊗ MECHANICAL EQUIPMENT DESIGNATION. SEE MECHANICAL DRAWINGS.
 - ⊗ SPECIAL RECEPTACLE - SEE PLAN
 - ⊗ METER
 - ⊗ FLUSH FLOOR RECEPTACLE
 - ⊗ RECEPTACLE, DUPLEX, 15A, 125V, NEMA 5-15R +18" UNO.
 - ⊗ DUPLEX RECEPTACLE MTD. ABOVE BACKSPASH
 - ⊗ DUPLEX RECEPTACLE W/LOWER HALF SWITCHED
 - ⊗ GFI
 - ⊗ GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE
 - ⊗ DOUBLE DUPLEX RECEPTACLE
 - ⊗ CEILING RECEPTACLE
 - ⊗ RECEPTACLE, DUPLEX, 20A, 125V, NEMA 5-20R +18" UNO.
 - ⊗ JUNCTION BOX 4" SQUARE, 1-1/2" DEEP UNO.
 - ⊗ THERMOSTAT F.B.O. +18"
 - ⊗ MOTOR, NO. INDICATES HORSEPOWER
 - ⊗ CLOCK OUTLET +7-6" UNO.
 - ⊗ DISCONNECT SWITCH, NON-FUSED
 - ⊗ DISCONNECT SWITCH FUSED HORSEPOWER RATED OR SIZED AS NOTED
 - ⊗ COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH AND FUSES
 - ⊗ MAGNETIC MOTOR STARTER W/OVERLOADS IN EACH PHASE
 - ⊗ DIMMER W/INTEGRAL "ON-OFF" SW.
 - ⊗ PUSHBUTTON
 - ⊗ PHOTOCELL
 - ⊗ SMOKE DETECTOR
 - ⊗ TELEPHONE/COMPUTER/DATA OUTLET, TWO GANG BOX W/1 GANG COVERPLATE & GRAMMETED OPENING +18" UNO.
 - ⊗ CABLE TV OUTLET +18" UNO.
 - ⊗ MOTION SENSOR
 - ⊗ EXISTING SWITCH
 - ⊗ SINGLE POLE SWITCH
 - ⊗ DOUBLE POLE SWITCH } QUIET TOGGLE TYPE RATED AT 20A, 120/277V AC, +42" UNO.
 - ⊗ THREE WAY SWITCH
 - ⊗ SWITCH W/PLOT LT.
 - ⊗ MANUAL MOTOR STARTER
 - ⊗ FIRE ALARM CONTROL PANEL
 - ⊗ GFI
 - ⊗ GROUND FAULT CIRCUIT INTERRUPTING
 - ⊗ LABOR SAVING TANDEM
 - ⊗ MAIN LUGS ONLY
 - ⊗ WITH
 - ⊗ CONDUIT ONLY
 - ⊗ WEATHERPROOF
 - ⊗ FURNISHED BY OTHERS, INSTALL & CONNECT
 - ⊗ UNLESS NOTED OTHERWISE
 - ⊗ NATIONAL ELECTRICAL CODE
 - ⊗ NOT IN CONTRACT
 - (E) EXISTING
 - (N) NEW
 - (R) REMOVE
 - (RL) RELOCATE
 - S/M SURFACE MOUNT
 - U/G UNDERGROUND
 - CWP COLD WATER PIPE
 - AFF ABOVE FINISHED FLOOR
 - HACR HEATING AND AIR CONDITIONING RATED CIRCUIT BREAKER
 - N.L. NIGHT LIGHT
- NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON THIS PROJECT.

EXISTING ELECTRICAL SERVICES HAS BEEN INVESTIGATED AND FOUND TO HAVE ADEQUATE CAPACITY FOR THE PROPOSED LOAD ADDITION SHOWN ON THESE PLANS. SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TESTS.



SINGLE LINE DIAGRAM
SCALE: NONE



BONDING DIAGRAM
SCALE: NONE

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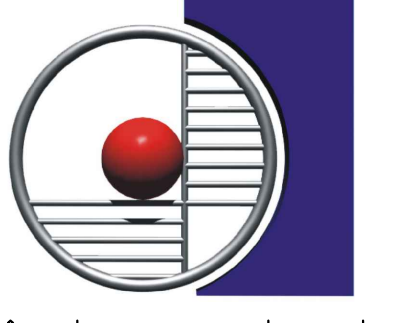
BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER STREET
BAKERSFIELD, CA 93305

WELLNESS CENTER

DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL

1100 CITADLE STREET
BAKERSFIELD, CA 93307



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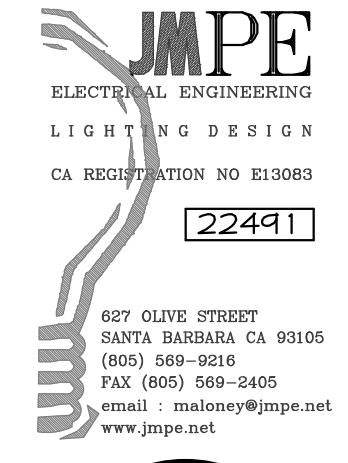
**SINGLE LINE
DIAGRAM, NOTES,
AND SYMBOLS**

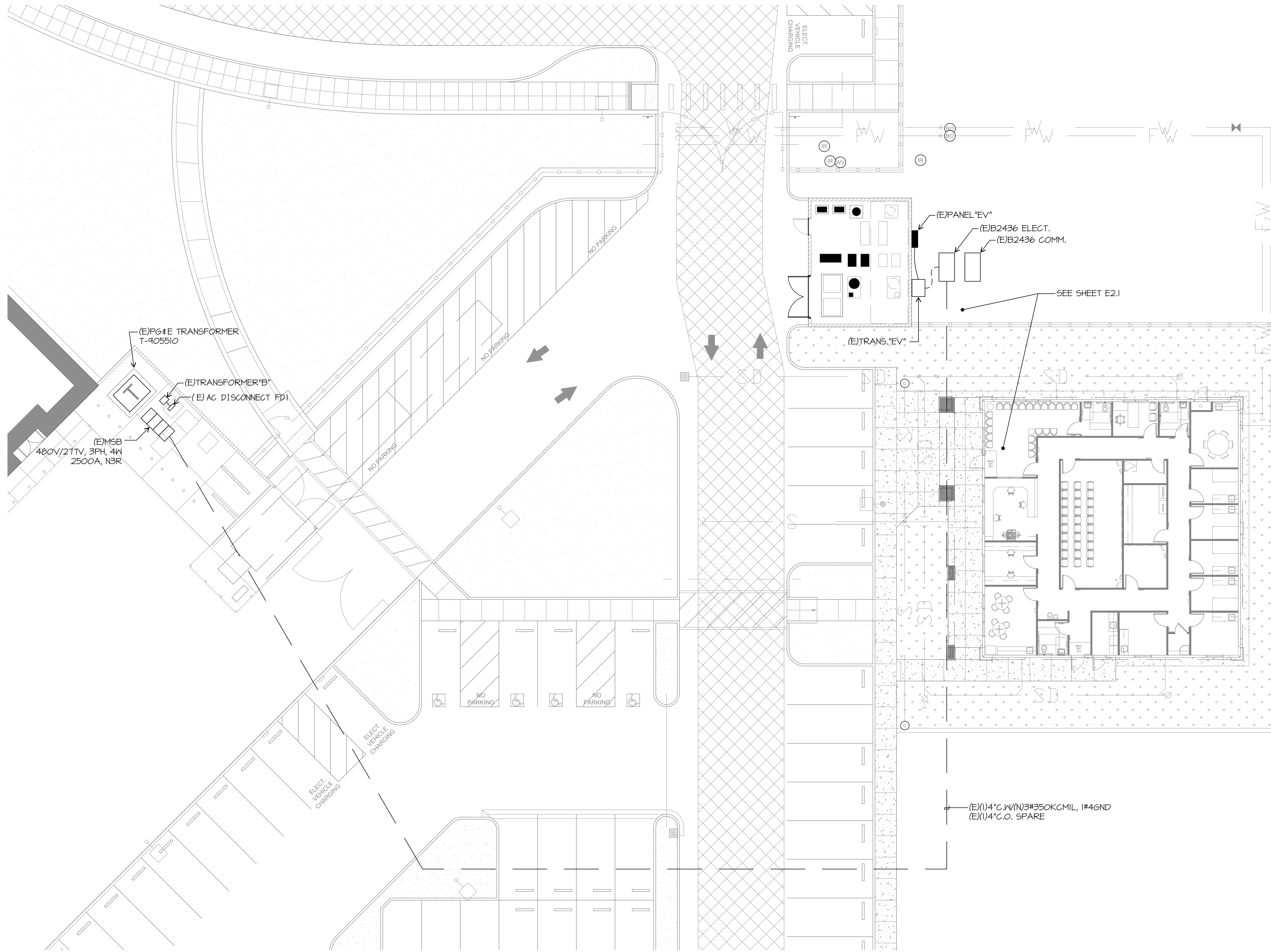
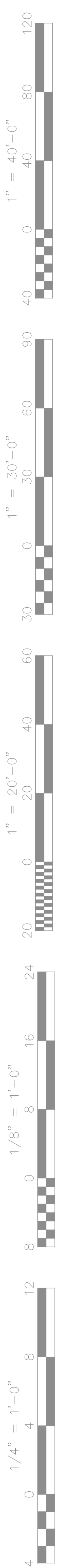
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EXISTING ELECTRICAL SITE PLAN

SCALE: 3/32" = 1'-0"

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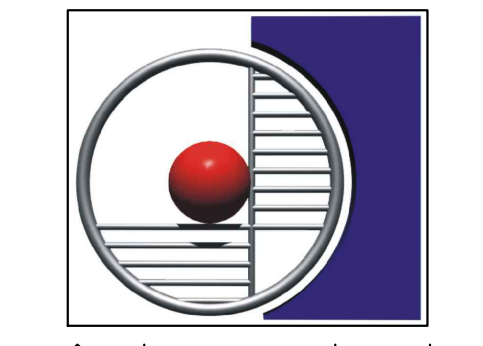
BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
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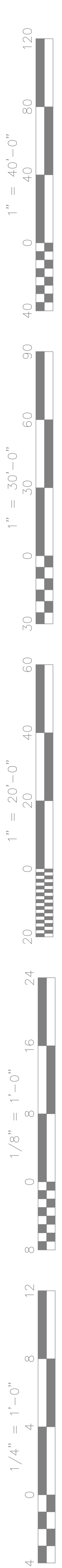
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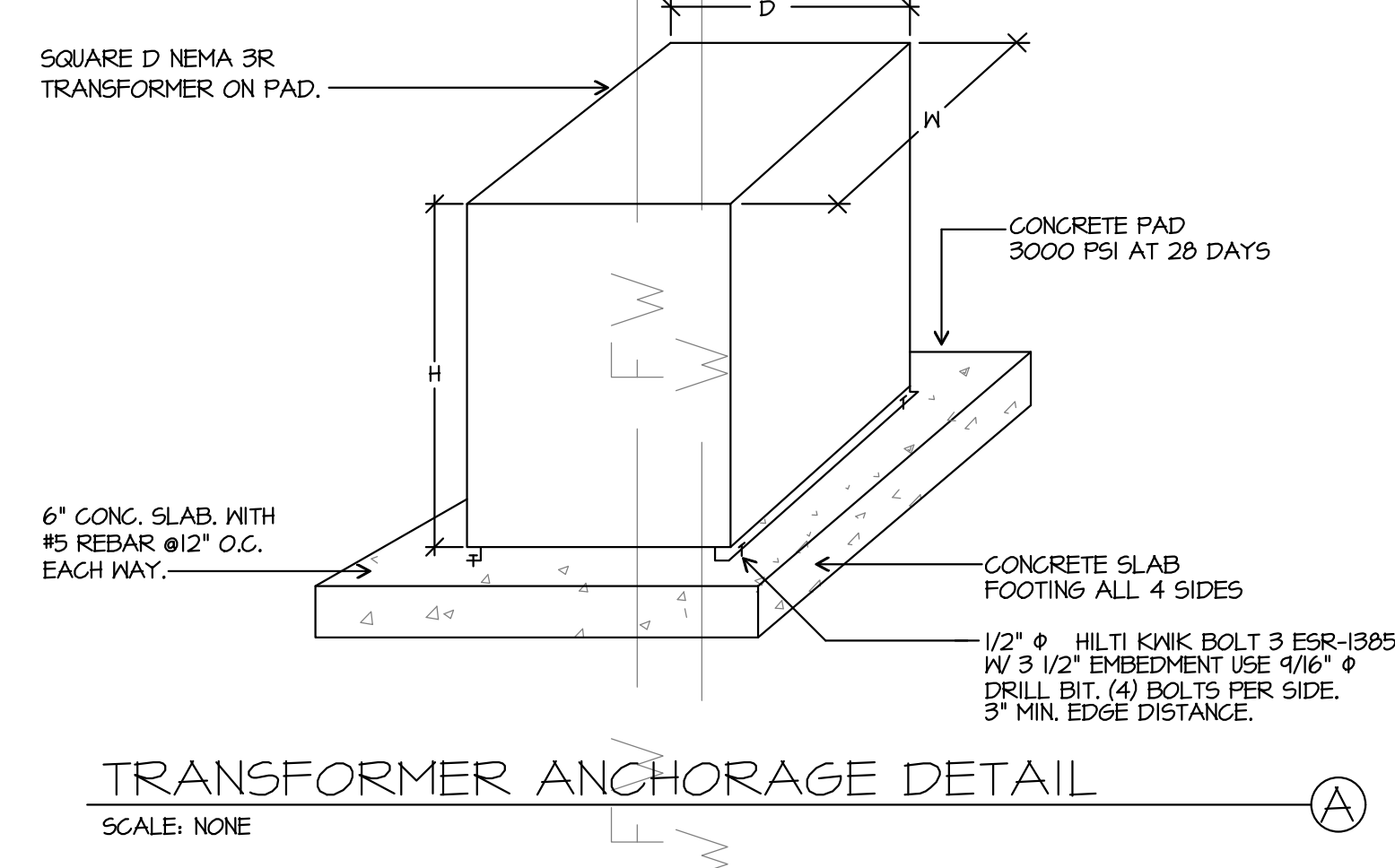
JMPE
ELECTRICAL ENGINEERING
LIGHTING DESIGN
CA REGISTRATION NO E13083
22491
607 OLIVE STREET
SANTA BARBARA, CA 93105
(805) 569-9216
FAX (805) 569-2405
email: jmpe@jmpe.com
www.jmpe.net





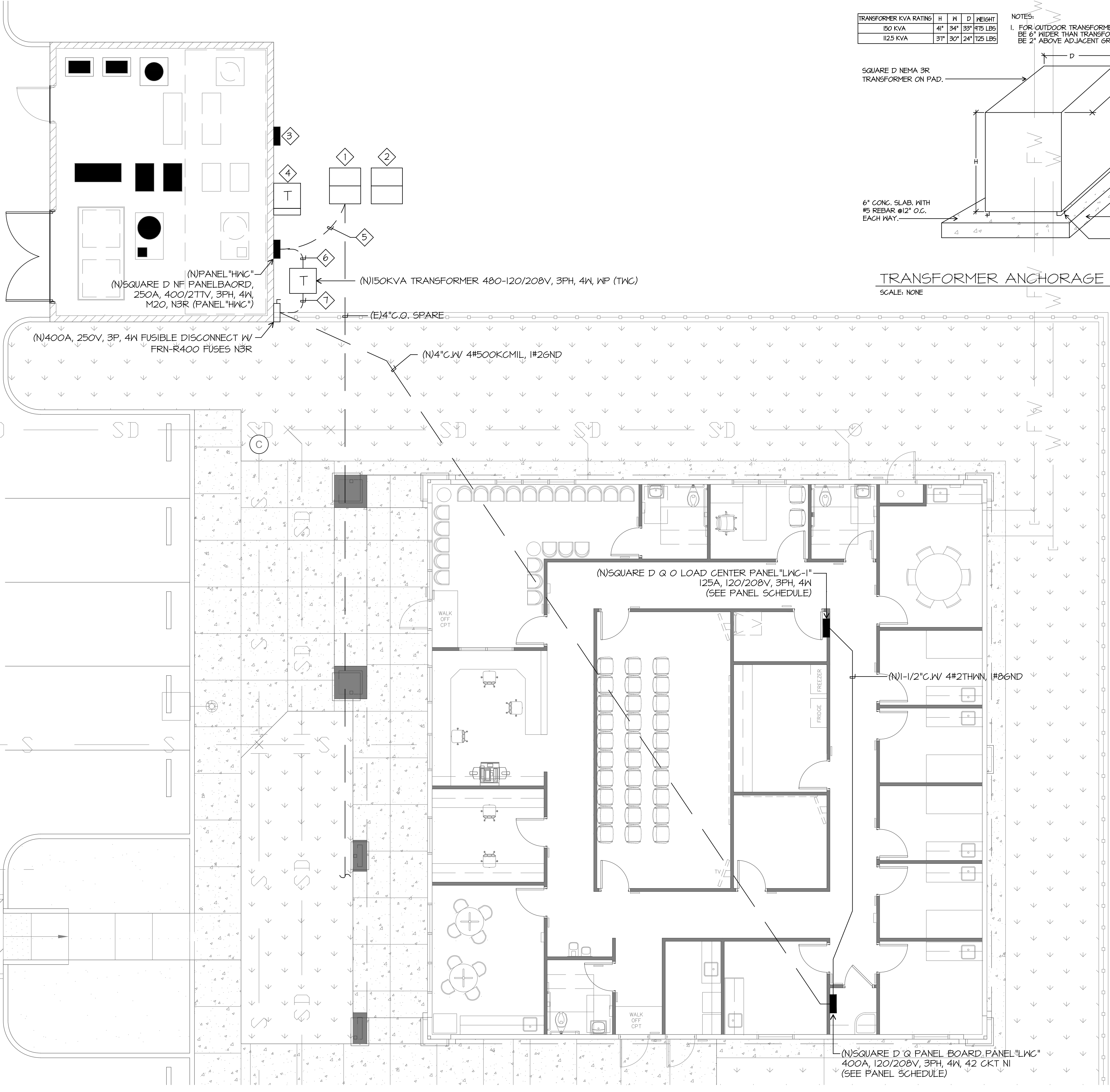
TRANSFORMER KVA RATING	H	W	D	HEIGHT
150 KVA	41"	34"	33"	47.5 LBS
125 KVA	37"	30"	24"	125 LBS

NOTES:
 1. FOR OUTDOOR TRANSFORMER MOUNTING, CONCRETE PAD SHALL BE 6" WIDER THAN TRANSFORMER HOUSING. TOP OF PAD SHALL BE 2" ABOVE ADJACENT GRADE.



ELECTRICAL NOTES

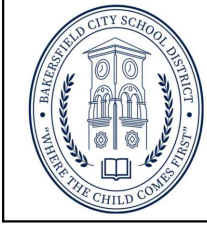
- 1 (E)B2436 ELECTRICAL PULL BOX
- 2 (E)B2436 COMM. PULL BOX
- 3 (E)PANEL "EV"
- 4 (E)TRANSFORMER "TEV" W/ DISC.
- 5 (N)3" C.W. 3#350KCMIL, 1#4GND
- 6 (N)2" C.W. 3#3/OTHWN, 1#4GND
- 7 (N)4" C.W. 4#500KCMIL, 1#2GND



ENLARGED ELECTRICAL SITE PLAN

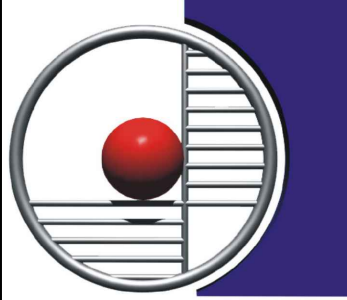
SCALE: 3/16" = 1'-0"

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 1300 BAKER STREET
 BAKERSFIELD, CA 93305

Project Name:
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Project Address:
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SITE ENLARGED ELECTRICAL PLAN

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Sheet No.:
E-2.1

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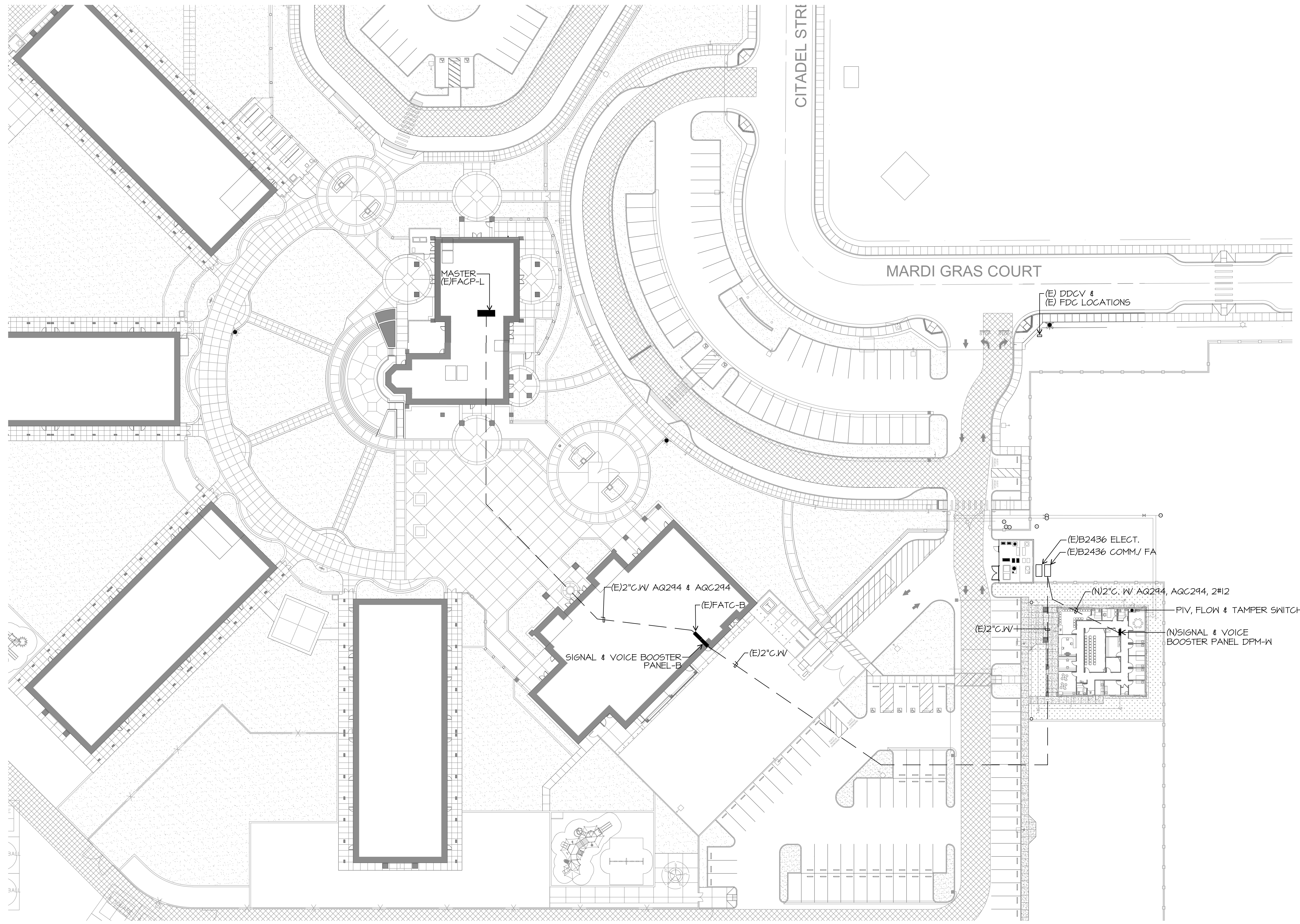
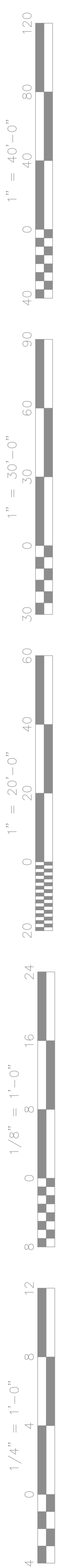


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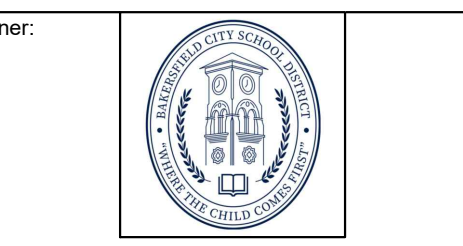




FIRE ALARM SITE PLAN

SCALE: 1/32" = 1'-0" 0 4 8 16 32 64

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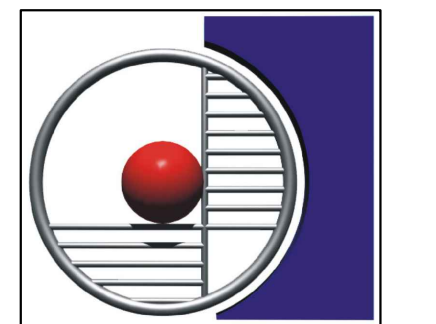


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**FIRE ALARM
 SITE PLAN**

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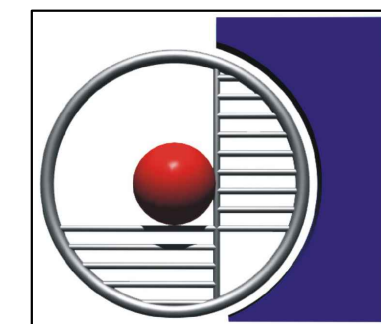


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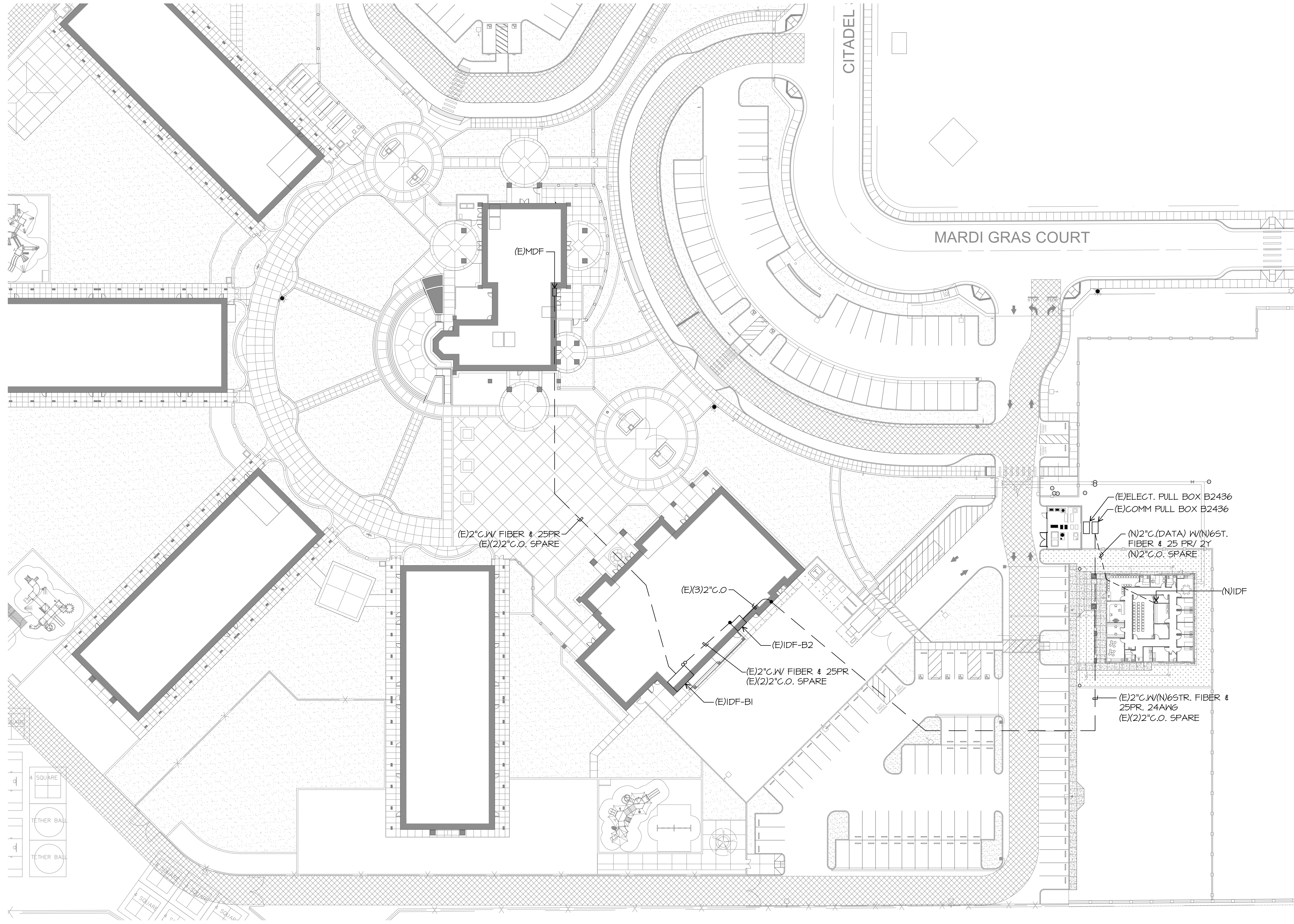
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DATA SITE PLAN

Job No.:

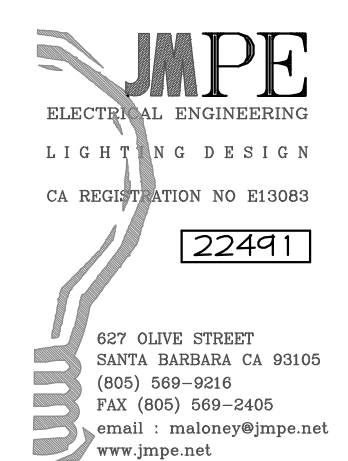
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E-2.3

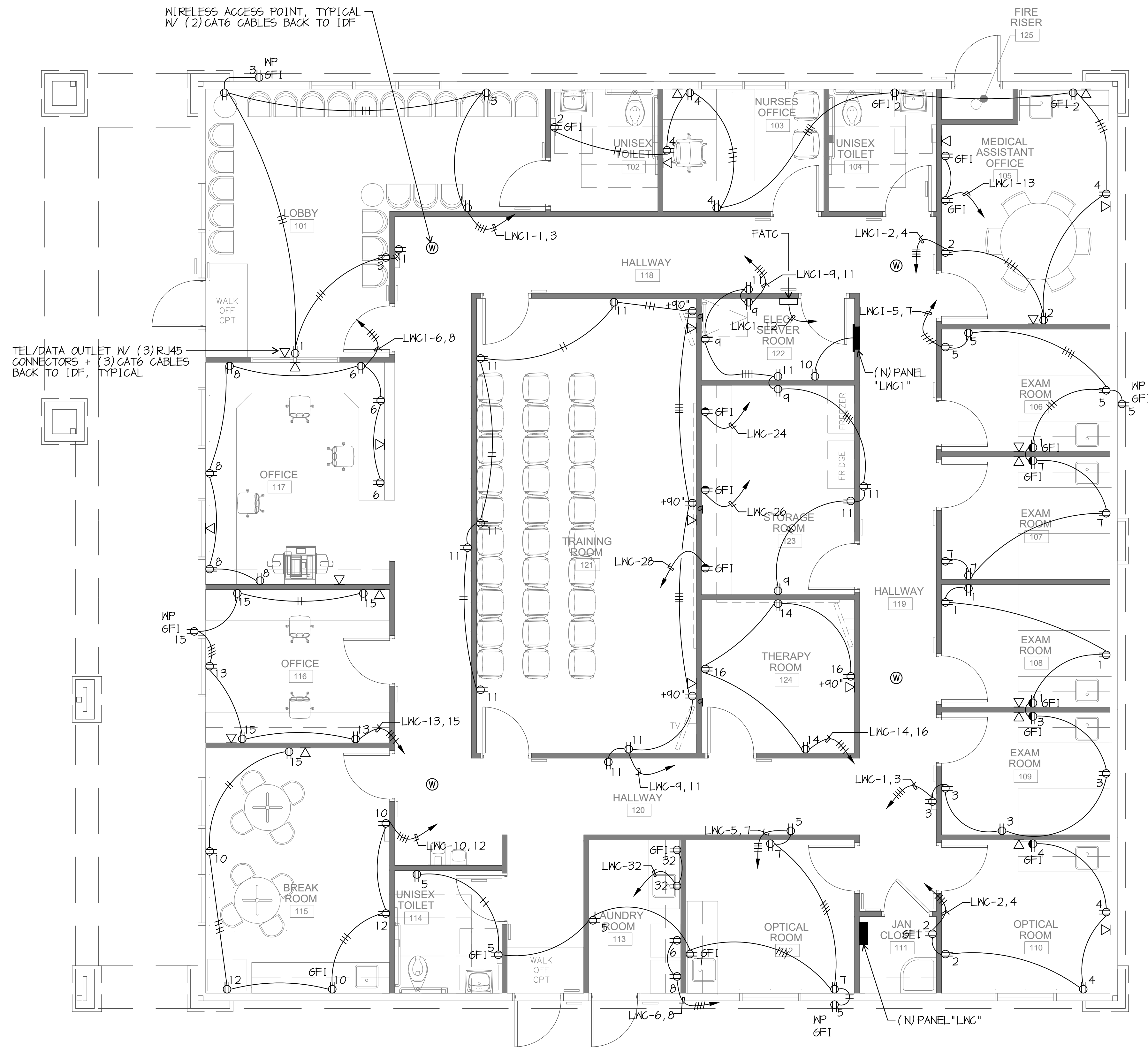
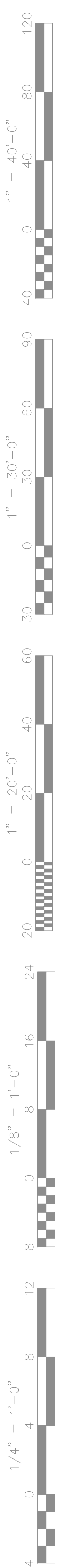
Release:



DATA SITE PLAN

SCALE: 1/32" = 1'-0"





ELECTRICAL FLOOR PLAN

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

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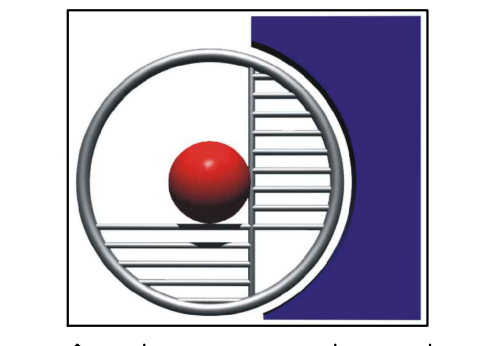
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ELECTRICAL FLOOR PLAN

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 ELECTRICAL ENGINEERING
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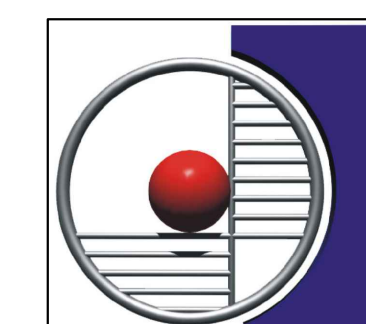
**BAKERSFIELD
 CITY SCHOOL
 DISTRICT**

1300 BAKER STREET
 BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
**DR. MARTIN LUTHER KING
 JR. ELEMENTARY SCHOOL**

1100 CITADLE STREET
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**LIGHTING FLOOR
 PLAN**

Job No.:

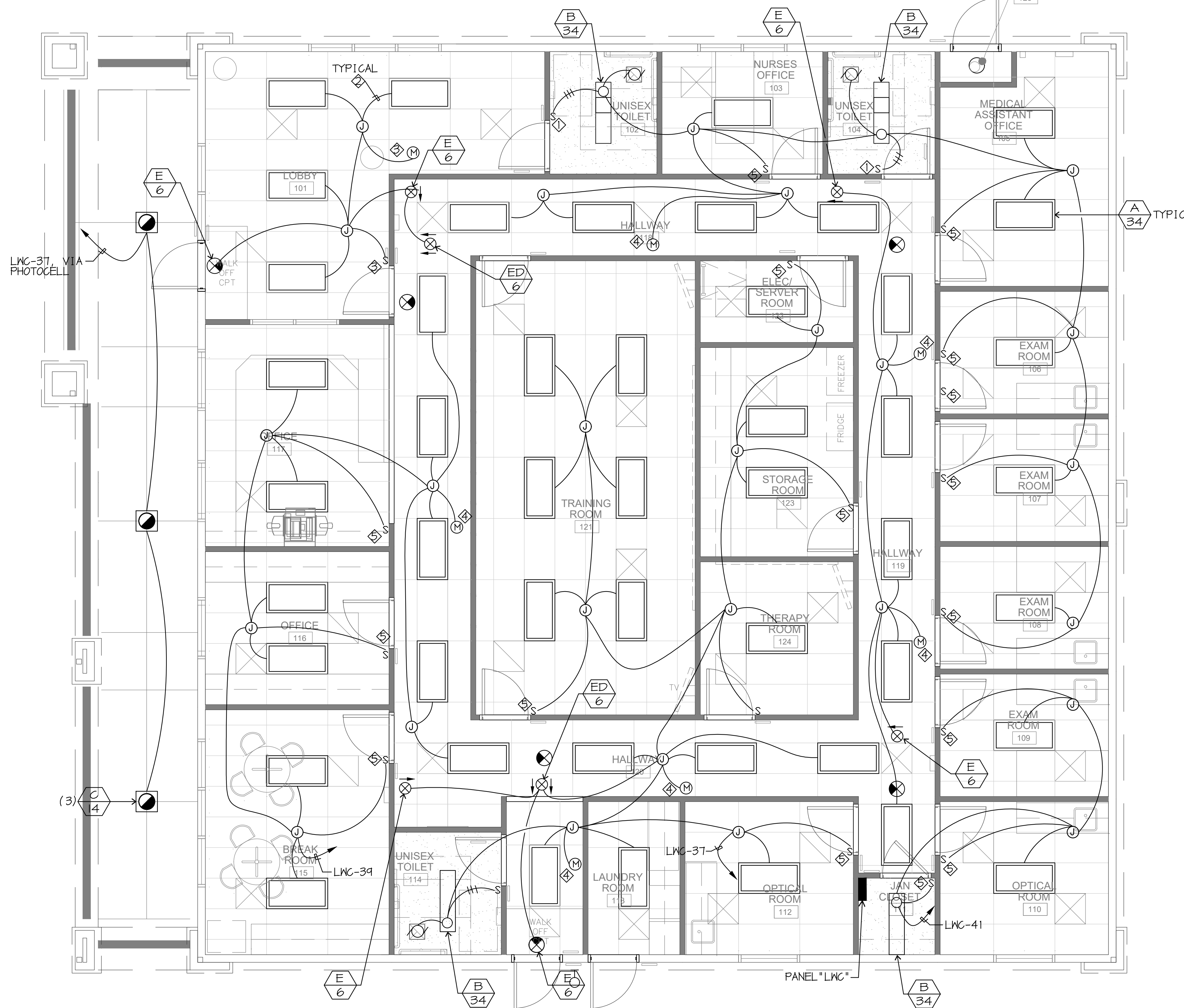
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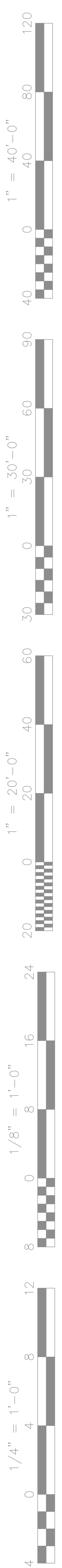
LIGHTING NOTES

- ◇ SENSOR SWITCH
 #NSX-PDT-2P-FAN-WH
- ◇ MC LUMINARY CABLE
 2#12, 2#14, 1#16ND
- ◇ LUTRON#DN RO-10V-WH
 N/PIR
- ◇ SENSOR SWITCH#
 CMR4-PDT
- ◇ LUTRON#MSZ101WH



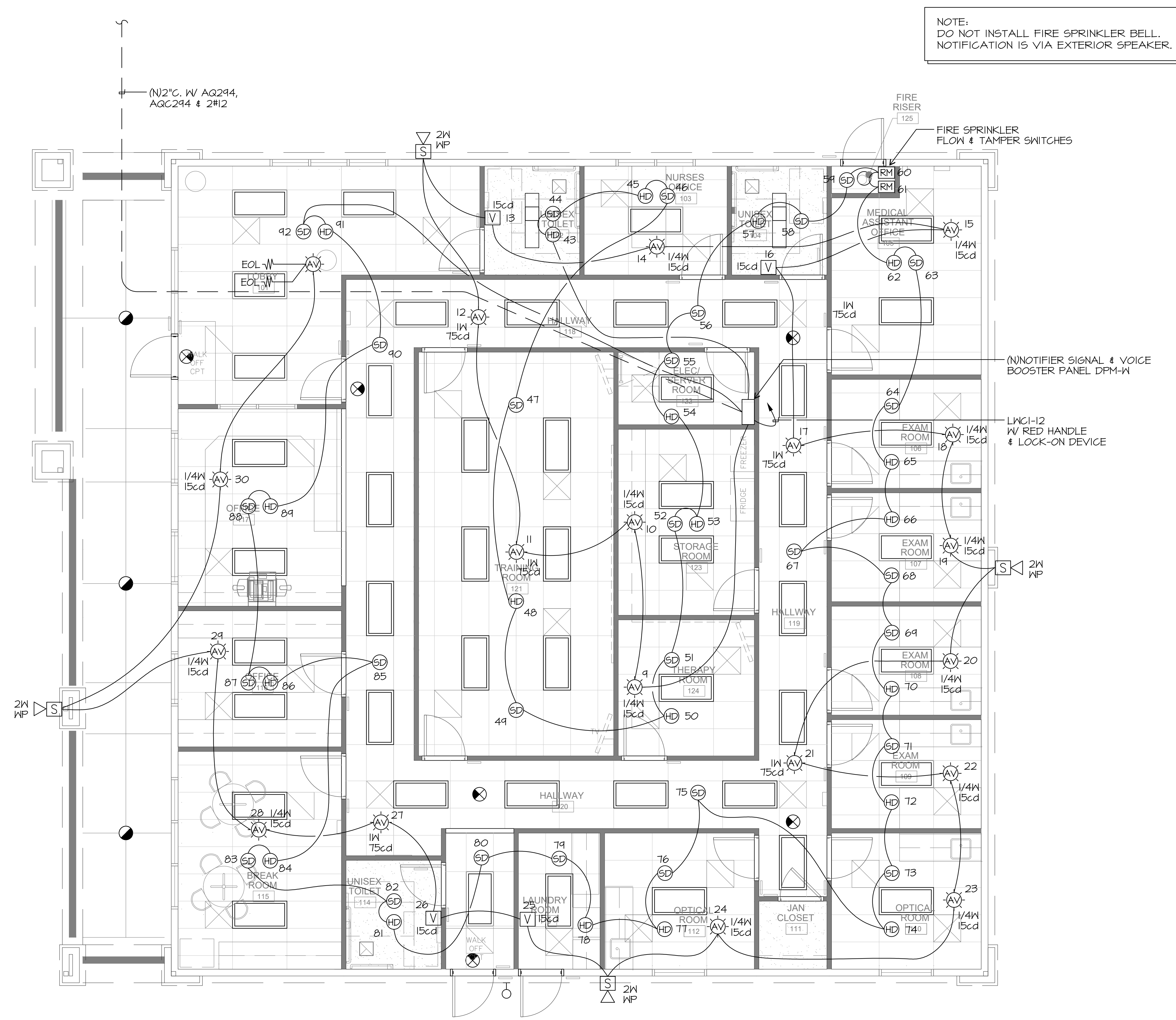
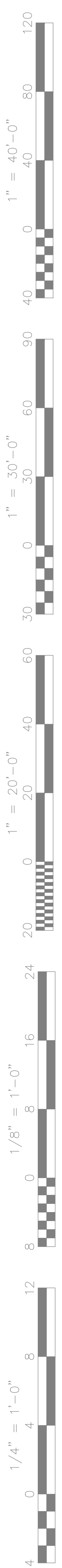
LIGHTING FLOOR PLAN

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



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FIRE ALARM PLAN

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

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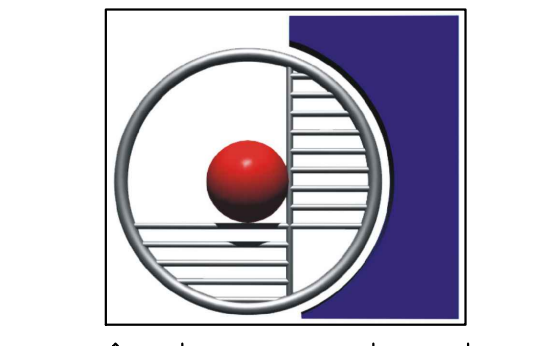
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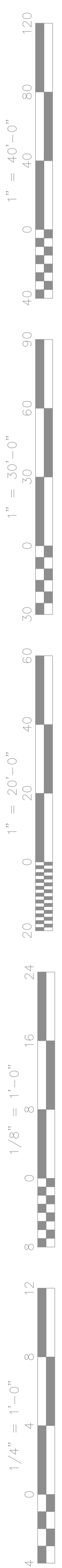
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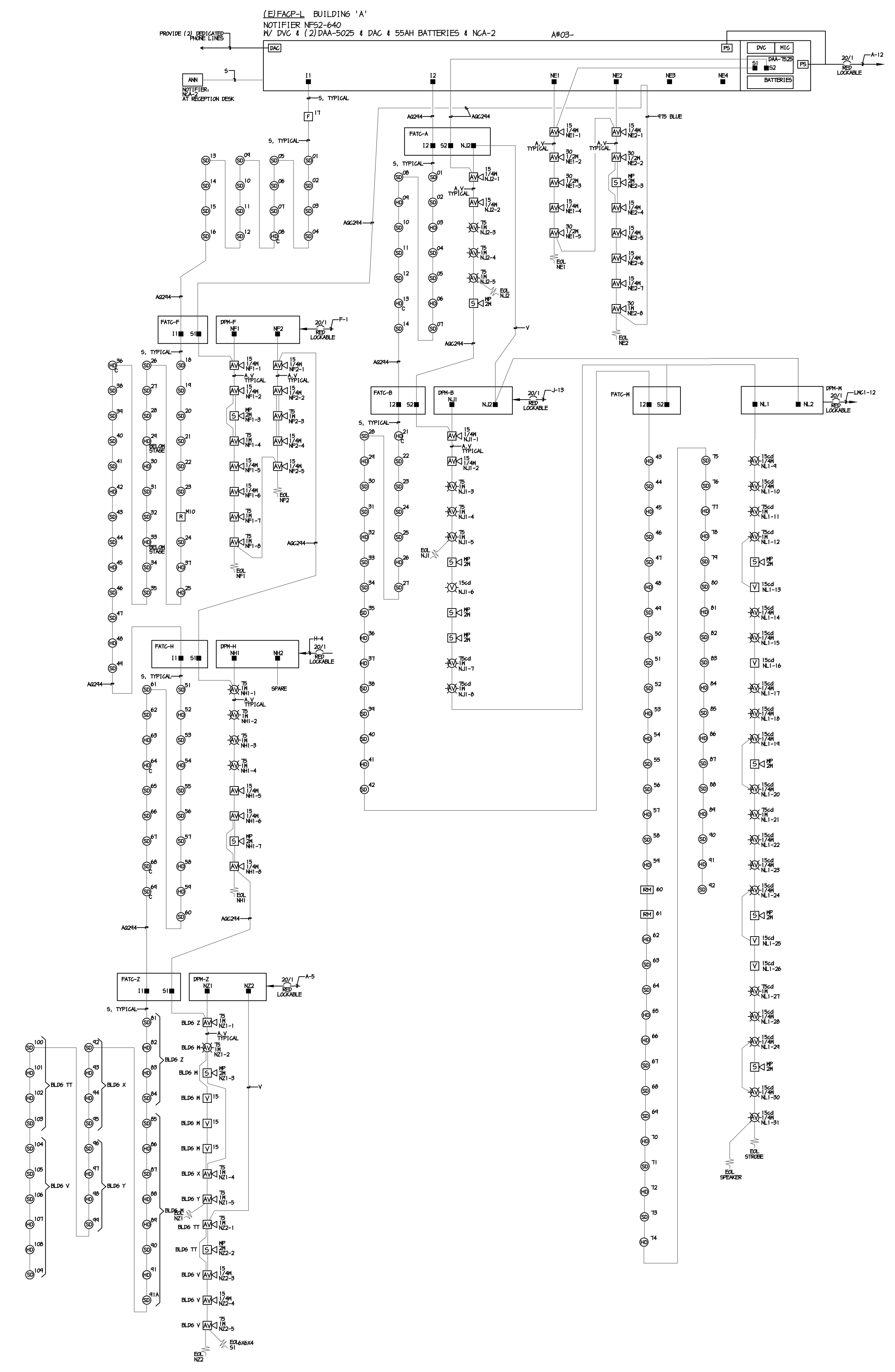
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FIRE ALARM NOTES

1. APPLICABLE STANDARD NFPA 72, AS ADOPTED AND AMENDED IN CBC CHAPTER 35.
2. INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
3. UPON COMPLETION OF SYSTEM INSTALLATION, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
4. A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
5. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.
6. DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND/OR TESTING.
7. ALL PENETRATIONS THROUGH RATED ASSEMBLIES REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7. UL OR OTHER APPROVED LAB TESTING CRITERIA. APPROVED TYPES OF MATERIALS SHALL BE IDENTIFIED WITHIN THE PROJECT SPECIFICATIONS WITHIN THE FIRE ALARM SECTION.
8. WALL MOUNTED VISIBLE NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80" MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.
9. WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THAN 6" TO A HORIZONTAL STRUCTURE.
10. AUDIBLE DEVICES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 DECIBELS (DBA) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR FIVE DBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIABLE SPACE WITHIN THE BUILDING.
11. AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
12. THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
13. VISIBLE DEVICES SHOULD NOT EXCEED TWO FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN ONE FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELLA. VISIBLE DEVICES WITHIN 55' FROM EACH OTHER SHALL BE SYNCHRONIZED.
14. UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATER TIGHT FITTINGS AND WIRE TO BE APPROVED FOR WET LOCATIONS.
15. ALL FIRE ALARM WIRING SHALL BE FPLOR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE TYPE THHN OR THWN.
16. PER CEC STANDARDS, ALL WIRING TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. ALL BOXES TO BE SIZED PER CEC.
17. SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1" FROM FIRE SPRINKLERS OR 3' FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED VER TO THE OWNER.
18. ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANOR AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
19. FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
20. A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON" POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL" CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.
21. THE INSTALLING CONTRACTOR SHALL PROVIDE A COMPLETED "SYSTEM RECORD OF COMPLETION" PER NFPA 72, FIGURE 17.8.2.
22. FIRE ALARM CONTROL PANELS AND REMOTE ANNUNCIATORS SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48" ABOVE THE FINISHED FLOOR.
23. MICROPHONES ASSOCIATED WITH EMERGENCY VOICE ALARM COMMUNICATION SYSTEMS (EVAC) SHALL BE ACCESSIBLE FOR USE, INSTALLED IN COMPLIANCE WITH CBC SECTIONS 11B-305 AND 11B-308.
24. THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.
25. SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
26. OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.



FIRE ALARM RISER DIAGRAM

SCALE: NONE

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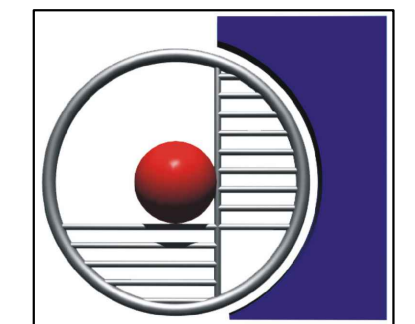
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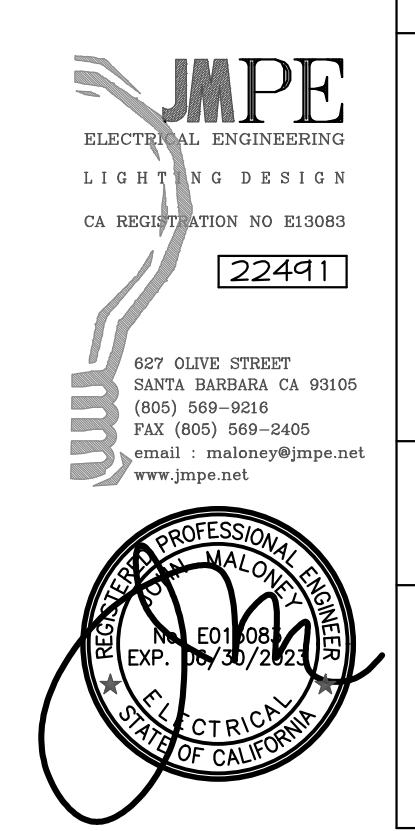
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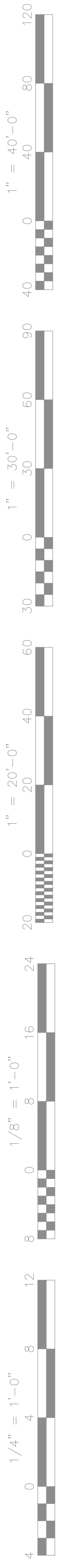
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SECTION 26 00 00 - ELECTRICAL

PART 1 _ GENERAL

1.1 IDENTIFICATION OF EQUIPMENT

- A. DISTRIBUTION PANELBOARDS: IDENTIFICATION SHALL BE WITH 1" X 4" LAMINATED, WHITE ON BLACK, MICARTA NAMEPLATES ON EACH MAJOR COMPONENT. EACH WITH NAME AND/OR NUMBER OF UNIT AND OTHER PERTINENT DATA AS REQUIRED. EMERGENCY POWER DISTRIBUTION PANELS SHALL BE IDENTIFIED WITH WHITE ON RED MICARTA NAMEPLATES. LETTERS SHALL BE NO LESS THAN 3/8" HIGH.
- B. CIRCUIT BREAKERS SHALL BE IDENTIFIED BY NUMBER AND NAME WITH 3/4" X 1-1/2" LAMINATED MICARTA NAMEPLATES WITH 3/16" HIGH LETTERS MOUNTED ADJACENT TO CIRCUIT BREAKER OR SWITCH.
- C. MISCELLANEOUS EQUIPMENT (ELECTRICAL), SUCH AS INDIVIDUALLY MOUNTED SAFETY SWITCHES, STARTERS, STEP-DOWN TRANSFORMERS, PULL BOXES, JUNCTION BOXES, ETC., SHALL BE IDENTIFIED AS REQUIRED BY THE USE OF SUCH EQUIPMENT WITH P-TOUCH LABELS AS REQUIRED.

1.2 ARC FLASH LABELING

- A. ALL PANELS, CIRCUIT BREAKER ENCLOSURES, SWITCHBOARDS AND MOTOR CONTROL CENTERS SHALL BE LABELED WITH ARC FLASH WARNING STICKERS.

B THESE LABELS SHALL CONTAIN THE FOLLOWING:

- 1. ARC FLASH BOUNDARY
- 2. MINIMUM ARC RATING
- 3. PERSONAL PROTECTIVE EQUIPMENT LEVEL, PPE
- 4. SHOCK HAZARD LEVEL
- 5. FAULT CURRENT

1.3 MOUNTING

- A. PROVIDE MATERIALS AND ACCESSORIES NECESSARY TO PROPERLY MOUNT AND SECURE EQUIPMENT FURNISHED AND/OR INSTALLED UNDER THE ELECTRICAL WORK. THIS INCLUDES BUT IS NOT LIMITED TO SUCH ITEMS AS CONDUIT, OUTLETS, JUNCTION BOXES, SWITCHES, RELAYS, DISCONNECT SWITCHES, LIGHTING FIXTURES, CABINETS, AND TRANSFORMERS.

PART 2 _ PRODUCTS AND EXECUTION

2.1 CONDUIT

A. RIGID STEEL CONDUIT:

- 1. RIGID STEEL CONDUIT SHALL HAVE ZINC COATED EXTERIOR, ZINC OR ENAMEL INTERIOR, STANDARD WEIGHT, ZINC COATED COUPLINGS, LOCKNUTS AND BUSHINGS AND SHALL BEAR THE U.L. LABEL. RIGID CONDUIT SHALL NOT BE INSTALLED UNDERGROUND.
- 2. USE RIGID CONDUIT ONLY FOR EXPOSED EXTERIOR CONDUIT RUNS, WHEREVER SUBJECT TO PHYSICAL DAMAGE, OR WHERE SPECIFICALLY CALLED FOR ON THE DRAWINGS OR REQUIRED BY A SERVING UTILITY.
- 3. INTERMEDIATE METALLIC CONDUIT (I.M.C.) MAY BE USED IN LIEU OF RIGID STEEL CONDUIT.
- 4. USE LIQUID TIGHT FLEXIBLE CONDUIT IN LIEU OF FLEXIBLE CONDUIT FOR WET, DAMP, OR OUTDOOR AREAS OR WHERE WEATHERPROOF FLEXIBLE CONDUIT IS CALLED FOR ON THE DRAWINGS OR BY CODE.

B. PLASTIC CONDUIT:

- 1. PLASTIC CONDUIT SHALL BE RIGID POLYVINYL CHLORIDE (PVC) UNDERWRITER'S APPROVAL, SCHEDULE 40. CONNECTIONS AND FITTINGS SHALL BE "OUTSIDE" TYPE ASSEMBLED IN ACCORDANCE WITH THE RECOMMENDED METHODS OF THE MANUFACTURER.
- 2. UNDERGROUND PVC CONDUIT SHALL BE BURIED A MINIMUM OF 24 INCHES BELOW GRADE. WHERE MORE THAN TWO CONDUITS ARE INSTALLED ADJACENTLY UNDERGROUND, USE FACTORY MADE CONDUIT SPACERS.
- 3. PVC CONDUIT SHALL BE USED FOR UNDERGROUND CONDUIT RUNS IN LIEU OF WRAPPED RIGID CONDUIT EXCEPT AS NOTED OTHERWISE ON THE DRAWINGS OR REQUIRED BY THE SERVING UTILITY.
- 4. PROVIDE A CODE SIZE GROUND CONDUCTOR IN EACH CONDUIT.
- 5. ONLY BRAIDED POLYETHYLENE OR SIMILAR PULL ROPE SHALL BE USED.

C. INSTALLATION OF CONDUIT:

1. UNDERGROUND CONDUIT.

- a. KEEP INTERIOR OF CONDUIT CLEAN AND CLEAR. CLEAN UNDERGROUND CONDUITS BY PULLING A MANDREL THROUGH CONDUIT RUN FOLLOWED WITH A SWAB BEFORE PULLING WIRE.
- b. REROUTE CONDUIT FROM LOCATIONS SHOWN ON THE DRAWINGS WHERE IT IS NECESSARY TO CLEAR OBSTRUCTIONS.
- c. PROVIDE JUNCTION OR PULL BOXES WHERE REQUIRED FOR PULLING CONDUCTORS DUE TO EXCESSIVE NUMBER OF BENDS OR LENGTH OF CONDUIT RUNS.
- d. BURY UNDERGROUND CONDUIT, EXCEPT THOSE UNDER BUILDINGS, A MINIMUM OF 24 INCHES BELOW FINISHED GRADE. CONDUITS UNDER ROADWAYS SHALL BE A MINIMUM OF 36 INCHES BELOW FINISHED GRADE. CONDUIT RUNS 3/4 INCH AND SMALLER IN SLABS SHALL BE LOCATED ABOVE VAPOR BARRIERS. BURY CONDUIT RUNS LARGER THAN 3/4 INCH TO A MINIMUM DEPTH OF 12 INCHES BELOW FLOOR SLABS.
- e. STANDARD FACTORY ELLS SHALL NOT BE USED IN UNDERGROUND SERVICE CONDUITS OR OTHER LONG UNDERGROUND RUNS. FIELD BENDS SHALL NOT BE FLATTENED OR KINKED AND SHALL NOT MATERIALLY REDUCE THE INTERNAL DIAMETER OF THE CONDUIT. BENDS IN LONG UNDERGROUND RUNS SHALL BE MADE IN LONG SWEEPING BENDS. DO NOT BEND AT COUPLINGS. APPROVED CONDUIT BENDING METHODS SHALL BE USED.
- f. ALL CONDUIT RUNS SHALL HAVE A CODE SIZE INSULATED GROUNDING CONDUCTOR.
- g. PROPERLY SEPARATE TWO OR MORE CONDUITS INSTALLED UNDERGROUND IN A COMMON CONCRETE ENVELOPE WITH APPROVED FACTORY MADE CONDUIT SPACERS.
- h. LOCATE CONDUIT STUB OUTS DIMENSIONALLY FROM BUILDING OR CURB LINES ON RECORD DRAWINGS.
- i. PULL WIRES SHALL BE INSTALLED IN EMPTY CONDUITS INCLUDING TELEPHONE CONDUITS AND STUB OUTS, NO. 12 AWG, TYPE "THWN" INSULATED COPPER WIRE OR 1/8-INCH POLYETHYLENE ROPE SHALL BE USED.

2. EXPOSED/CONCEALED CONDUIT:

- a. PROVIDE SECURE MOUNTING FACILITIES FOR CONDUITS. WIRE OR PLUMBERS TAPE SHALL NOT BE USED FOR HANGING CONDUIT. STRAP SHALL BE FACTORY MADE OF THE ONE HOLE MALLEABLE IRON OR TWO HOLE GALVANIZED CLAMP TYPE.
- b. PROVIDE EXPANSION COUPLINGS WHEREVER CONDUITS CROSS EXPANSION JOINTS.
- c. RUN CONDUIT AT RIGHT ANGLES OR PARALLEL TO STRUCTURAL MEMBERS, WALLS, FLOORS AND CEILINGS. WHERE SEVERAL CONDUITS ARE RUN TOGETHER OR SUSPENDED, THEY SHALL BE HUNG ON UNISTRUT TRAPEZES WITH MINIMUM 3/8-INCH ROD HANGERS.
- d. CUT ENDS OF CONDUIT SQUARE AND REAM TO REMOVE BURRS OR SHARP EDGES. TERMINATE CONDUITS PROPERLY WITH BUSHINGS, LOCKNUTS, ETC. TERMINATE ONE (1) INCH AND LARGER CONDUITS WITH INSULATED BUSHINGS.
- e. RENDER CONDUITS PROJECTING THROUGH THE ROOFING WATERTIGHT BY PROPER FLASHINGS. SECURELY FASTEN A SHEET METAL CAP AND TIGHTEN BANK OR STORM COLLAR TO THE CONDUITS. EXTEND FLASHING A MINIMUM OF SIX (6) INCHES IN ALL DIRECTIONS. COORDINATE AND INSTALL ROOF FLASHING FOR CONDUITS TO THE SATISFACTION OF THE PROJECT MANAGER.
- f. ALL CONDUIT RUNS SHALL HAVE A CODE SIZE INSULATED GROUNDING CONDUCTOR.
- g. PULL WIRES SHALL BE INSTALLED IN EMPTY CONDUITS INCLUDING TELEPHONE CONDUITS AND STUB OUTS, NO. 12 AWG, TYPE "THWN" INSULATED COPPER WIRE OR 1/8-INCH POLYETHYLENE ROPE SHALL BE USED.
- h. FLEXIBLE CONDUIT CONNECTIONS SHALL COMPLY WITH NEC SECTION 350-22.

2.2 WIRE AND CABLE

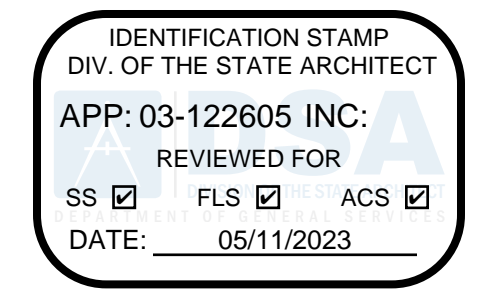
A. 600 VOLT CONDUCTORS:

- 1. CONDUCTORS SHALL BE COPPER AND DELIVERED TO THE SITE IN THEIR ORIGINAL, UNBROKEN PACKAGES PLAINLY MARKED OR TAGGED WITH U.L. LABEL, SIZE, KIND, INSULATION, NAME OF MANUFACTURER AND TRADE NAME OF THE WIRE.
- 2. TYPE "THWN", 600 VOLT INSULATION FOR DAMP OR WET LOCATIONS OR ON BOILERS AND FURNACES AND THEIR CONTROLS.
- 3. TYPE "THHN" 600 VOLT INSULATION SHALL BE USED IN OTHER LOCATIONS UNLESS NOTED.
- 4. MINIMUM SIZE CONDUCTOR SHALL BE #12.
- 5. CONDUCTORS SHALL BE STRANDED.
- 6. GROUND CONDUCTORS SHALL BE BARE COPPER OR HAVE GREEN INSULATION.

B. INSTALLATION:

- 1. CONDUCTORS SHALL BE CONTINUOUS BETWEEN OUTLETS OR JUNCTION BOXES AND NO SPLICES SHALL BE MADE EXCEPT IN OUTLET BOXES, PULL BOXES, PANELBOARD GUTTERS OR HANDHOLES.
- 2. JOINTS, SPLICES AND TAPS NO. 10 OR SMALLER (INCLUDING FIXTURE PIGTAILS) SHALL BE CONNECTED WITH "FLOATING SPRING" TYPE CONNECTORS. NO. 8 AND LARGER SHALL BE CONNECTED WITH SOLDERLESS CONNECTORS OF 100% ELECTROLYTIC COPPER. SPLIT_BOLT CONNECTORS ARE NOT ACCEPTABLE.
- 3. TIGHTEN PRESSURE TYPE LUGS ON PANELS AND EQUIPMENT, AND THEN RETIGHTEN 24 HOURS OR MORE LATER AFTER ENERGIZING. PROVIDE WRITTEN REPORT OF TORQUE VALUES ON LUGS.
- 4. OIL OR GREASE SHALL NOT BE USED WHEN PULLING CONDUCTORS. USE U.L. APPROVED CABLE LUBRICATION ONLY.
- 5. LACE OR TRAIN CONDUCTORS NEATLY IN PANELS, CABINETS AND EQUIPMENT. USE PLASTIC WIRE TIES TO ROUTE CONDUCTORS AT EDGE OF ENCLOSURE AWAY FROM OVERCURRENT DEVICES.
- 6. BRANCH CIRCUITS SHALL BE COLOR CODED IN COMPLIANCE WITH SECTION 210_5 OF THE CALIFORNIA ELECTRICAL CODE. COLORED TAPE IS NOT ACCEPTABLE.
- 7. ALL WIRING, BOTH LINE AND LOW VOLTAGE, SHALL BE INSTALLED IN CONDUIT UNLESS OTHERWISE NOTED.

END OF SECTION 26 00 00



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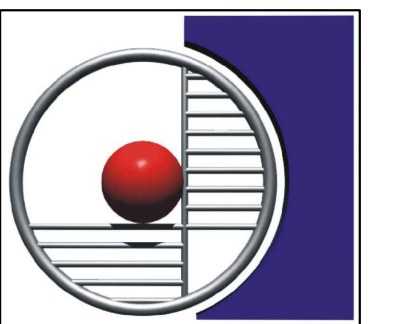
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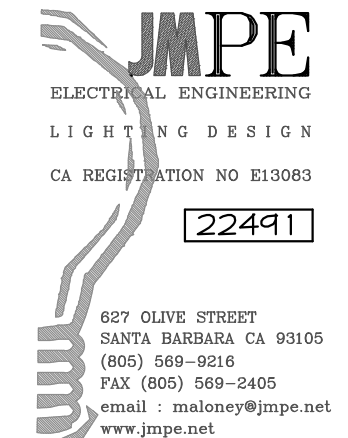
ELECTRICAL SPECIFICATIONS

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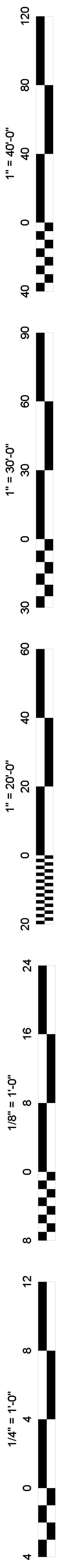
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LIGHT HAZARD AREAS

1. ALL CLASSROOMS, OFFICE AREAS, CORRIDORS, BATHROOMS, ATTICS AND SIMILAR AREAS ARE LIGHT HAZARD. DENSITY 0.10 GPM/FT². MAXIMUM HEAD SPACING SHALL NOT EXCEED 15'X15'.
2. HOSE ALLOWANCE FOR LIGHT HAZARD SHALL BE 100 GPM.

SPRINKLER SPECIFICATIONS

- SYSTEM DESIGN:
1. SYSTEM SHALL BE DESIGNED TO CONFORM WITH NFPA 13 (2016), CBC (2019), AND LOCAL MUNICIPAL CODES.
 2. SYSTEM TO BE AUTOMATIC WET PIPE SPRINKLER SYSTEM.
 3. SPRINKLER DISCHARGE DENSITY SHALL BE A MINIMUM OF 0.10 GPM/SQFT FOR LIGHT HAZARD AREAS
 4. SPRINKLER TEMPERATURE RATINGS SHALL BE 155° FOR ALL CONDITIONED AREAS AND 200° FOR NON-CONDITIONED AREAS
 5. SPACING SHALL NOT EXCEED 225 SQFT IN LIGHT HAZARD AREAS, 130 SQFT IN CONCEALED OBSTRUCTED AREAS.
 6. BUILDING SHALL BE SUPPLIED AS SHOWN ON SITE PLAN. FLOW DETECTOR AND TAMPER RESISTANT VALVES WILL BE SUPPLIED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND WIRED BY ALARM CONTRACTOR.
 7. AND WIRED BY ALARM CONTRACTOR.
 8. FIRE SPRINKLER PIPING SHALL BE AS FOLLOWS (UNLESS NOTED OTHERWISE ON PLANS):
 - A. PIPING 1/2" AND LARGER SHALL BE SCHEDULE 10 BLACK STEEL WITH ROLLED FITTINGS.
 - B. PIPING LESS THAN 1/2" SHALL BE SCHEDULE 40 BLACK STEEL THREADED FITTINGS.
 9. HANGERS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13 (2016).
 10. SPRINKLERS TO BE INSTALLED PER NFPA (2016) §8.6.4.1.2. SPRINKLER DEFLECTORS TO BE WITHIN 1"-6" BELOW STRUCTURAL MEMBERS AND A MAXIMUM DISTANCE OF 22" BELOW THE ROOF DECK/CEILING (BOTTOM OF INSULATION PER NFPA 13 §8.5.4.1.3. MICROBIAL INDUCED CORROSION WILL NOT BE A FACTOR FOR THIS SYSTEM.
 11. ACCEPTANCE TEST IN ACCORDANCE WITH NFPA 13 (2016).

GENERAL NOTES

SPRINKLER SYSTEM DESIGNED IN ACCORDANCE WITH NFPA 13 (2016). ALL WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS, STATE, LOCAL, AND NATIONAL CODES.

THESE DRAWINGS ARE SCHEMATIC IN NATURE, AND ARE NOT INTENDED TO SHOW EVERY MINOR DETAIL. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS REQUIRED FOR A COMPLETE ACCEPTABLE WORKING INSTALLATION.

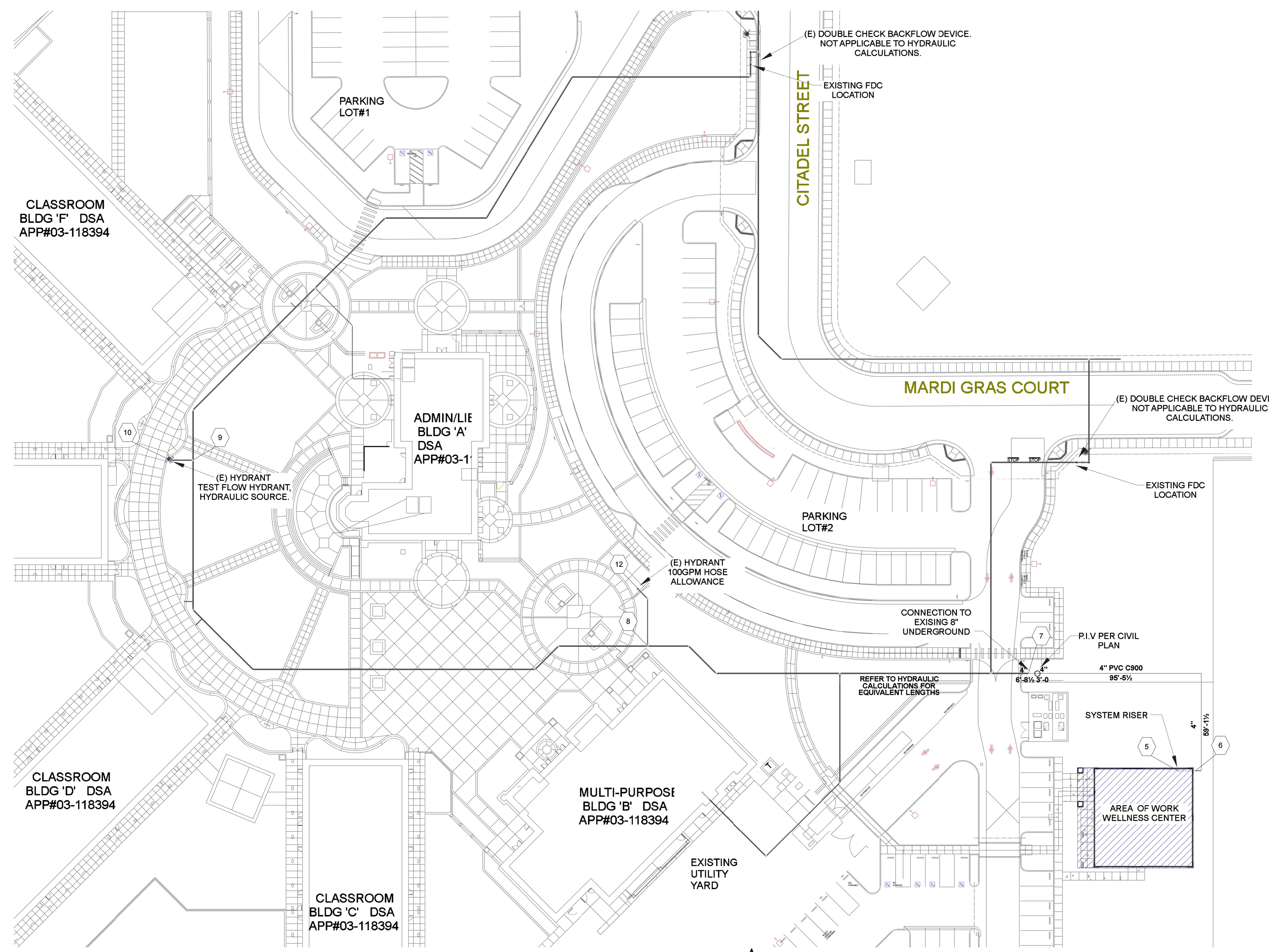
CONTRACTOR TO BID SYSTEM AS DESIGNED (SCHEMATICALLY) BY THE DESIGNER. ANY ALTERNATE DESIGNS BY CONTRACTOR ARE TO BE SUBMITTED AND APPROVED BY ENGINEER PRIOR TO BIDDING. ANY DEVIATIONS FROM THE ORIGINAL DESIGN INTENTION SHALL BE CLOUDED AND NOTED ON SHOP DRAWINGS.

GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR INSURING ALL SUB-CONTRACTOR'S COORDINATE SHOP DRAWINGS PRIOR TO ORDERING OR INSTALLATION OF ANY EQUIPMENT, DEVICE, MATERIAL, AND ETC. SUBMISSION OF SHOP DRAWINGS TO THE ENGINEER OF RECORD CONSTITUTES THAT THE DRAWINGS SUBMITTED HAVE BEEN COORDINATED AMONGST THE TRADES. FAILURE TO COORDINATE SHOP DRAWINGS DOES NOT CONSTITUTE A CHANGE ORDER TO THE OWNER.

ANY COORDINATION ITEMS THAT ARISE FROM COORDINATION OF TRADES SHALL EITHER BE HANDLED IN THE FIELD AND SHOWN ON THE AS-BUILTS, OR SHALL BE PROVIDED TO THE ARCHITECT BY RFI DETAILING COORDINATION ISSUE AND PROPOSED SOLUTION. COORDINATION ISSUES THAT ARISE AFTER DRAWINGS ARE APPROVED SHALL BE SHOWN ON THE AS-BUILTS.



VICINITY MAP
SCALE: NONE



HYDRAULIC REFERENCE SITE PLAN
SCALE: NONE

FIRE WATER UG PIPING IS SHOWN FOR HYDRAULIC REFERENCE ONLY. REFER TO CIVIL SHEETS FOR FIRE WATER PLAN.

Hydrant Flow Test Report

Test Date 10/26/2022 Test Time 4:00pm

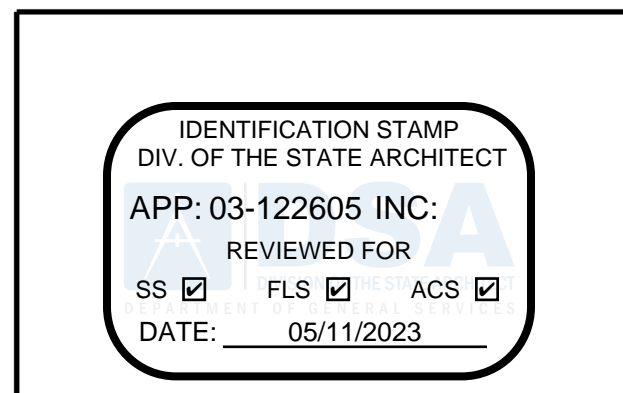
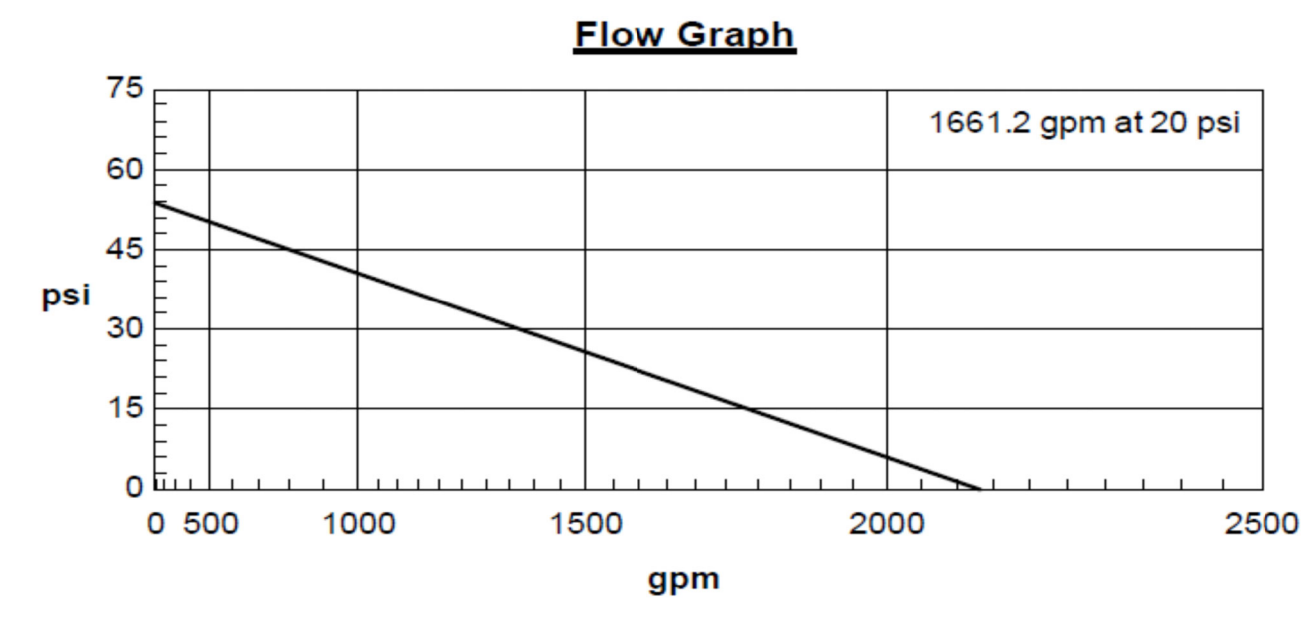
Location
Martin Luther King Jr. Elementary School
1100 Citadel St.
Bakersfield, CA 93307

Tested by
RLH Fire Protection
4300 Stine Rd. Ste 800
Bakersfield, CA 93308
661-322-9344
LIC# 777717
Josh Castillo & Randy Seaton

Notes
4inch Big Hose Monster used for flow test
Flow: Center of Campus
Read: East of building A & B

Read Hydrant
54 psi static pressure
34 psi residual pressure
1.5 ft hydrant elevation

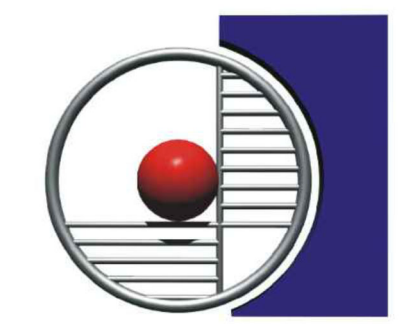
Flow Hydrant(s)					
Outlet	Elev	Size	C	Pitot Pressure	Flow
#1	1.5	4	.85		1247 gpm



BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

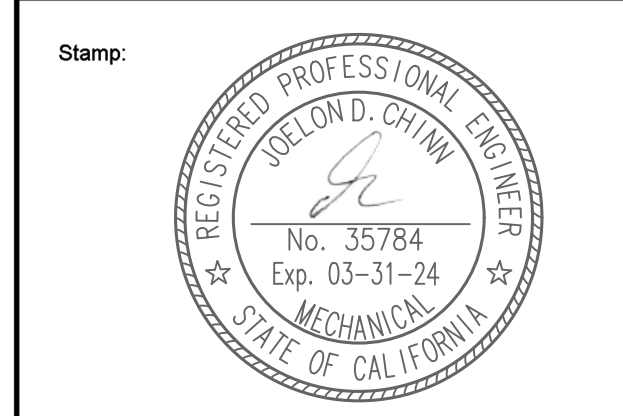
Project Address:
DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL
1100 CITADEL STREET
BAKERSFIELD, CA 93307



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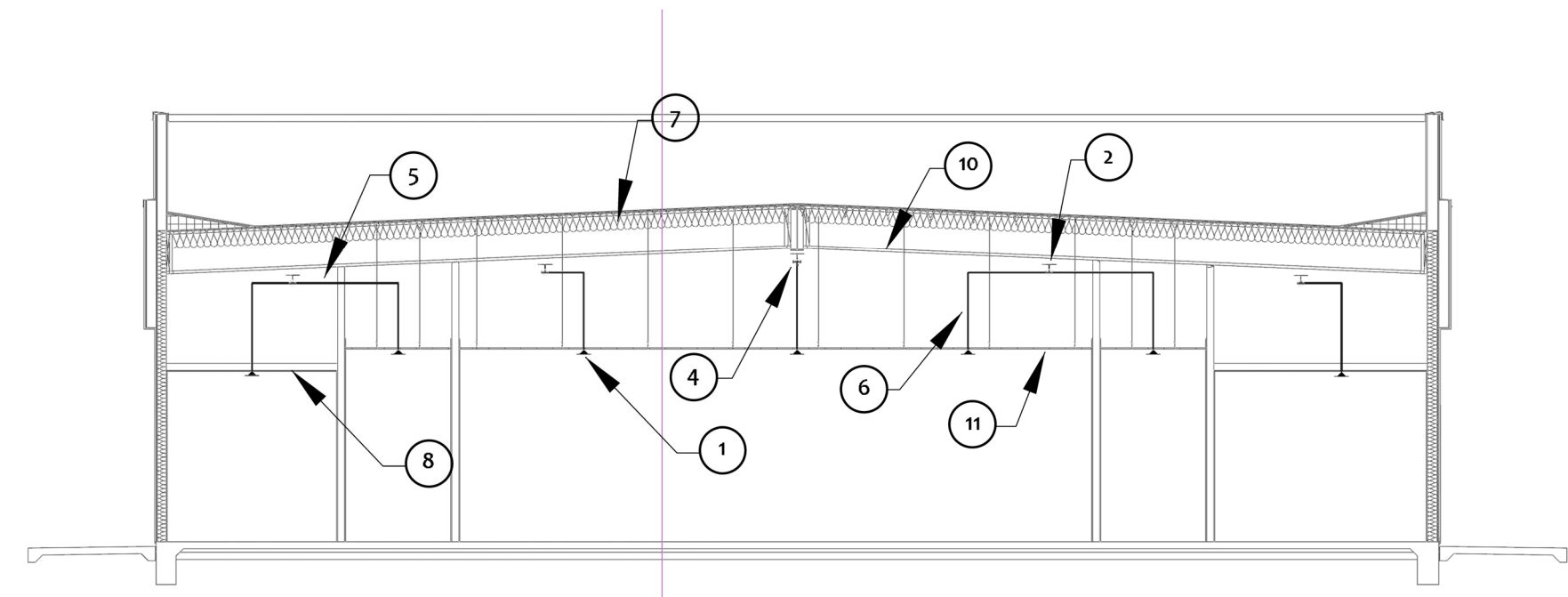
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Sheet Title:
FIRE SPRINKLER SITE PLAN & NOTES

Job No.:
5527

Sheet No.:
F1.01

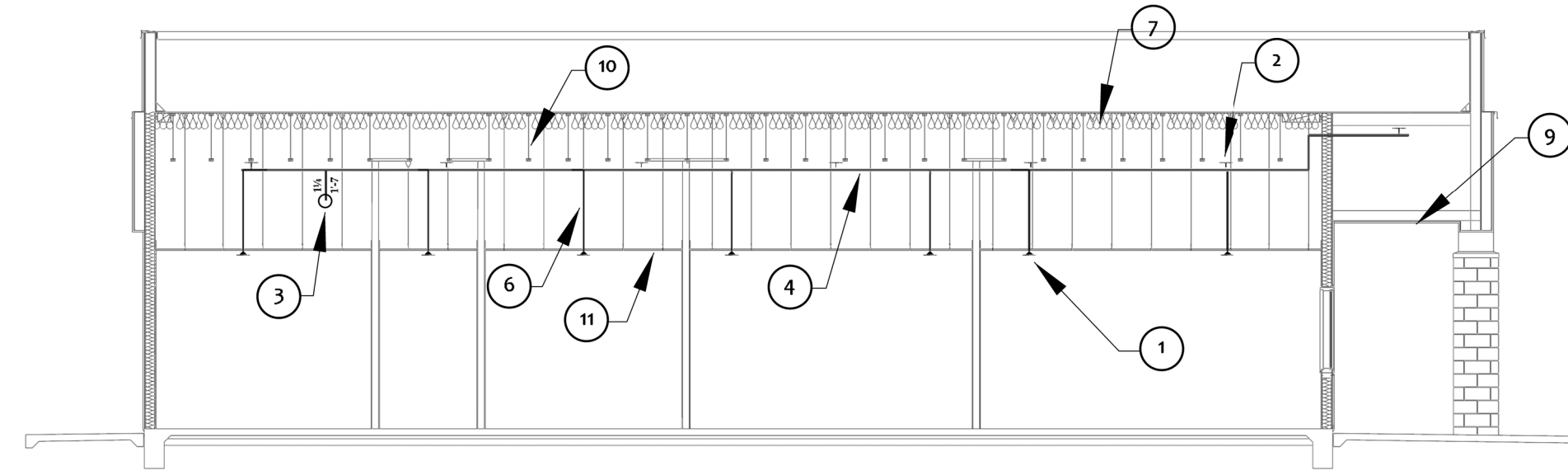
Release: _____ Date: _____

1" = 40'-0"
 1" = 30'-0"
 1" = 20'-0"
 1" = 1'-0"
 1/4" = 1'-0"



SECTION 'B'

SCALE: 1/8" = 1'



SECTION 'A'

SCALE: 1/8" = 1'

SECTION NOTES:

- ① PENDENT SPRINKLER
- ② UPRIGHT SPRINKLER
- ③ SCHEDULE 10 MAIN PIPING
- ④ EDDYFLOW BRANCHLINE PIPING
- ⑤ SCHEDULE 40 ARM-OVER PIPING
- ⑥ SCHEDULE 40 DROP PIPING
- ⑦ INSULATION
- ⑧ SHEETROCK CEILING
- ⑨ 3/4" THICK EXTERIOR CEMENT PLASTER
- ⑩ 28" RED I-65 JOIST
- ⑪ SUSPENDED ACOUSTIC CEILING TILE

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 SS FLS ACS
 DATE: 05/11/2023

Owner:

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 1300 BAKER STREET
 BAKERSFIELD, CA 93305

Project Name:
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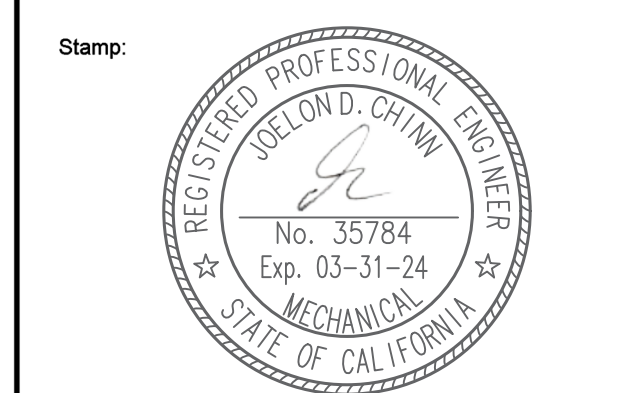
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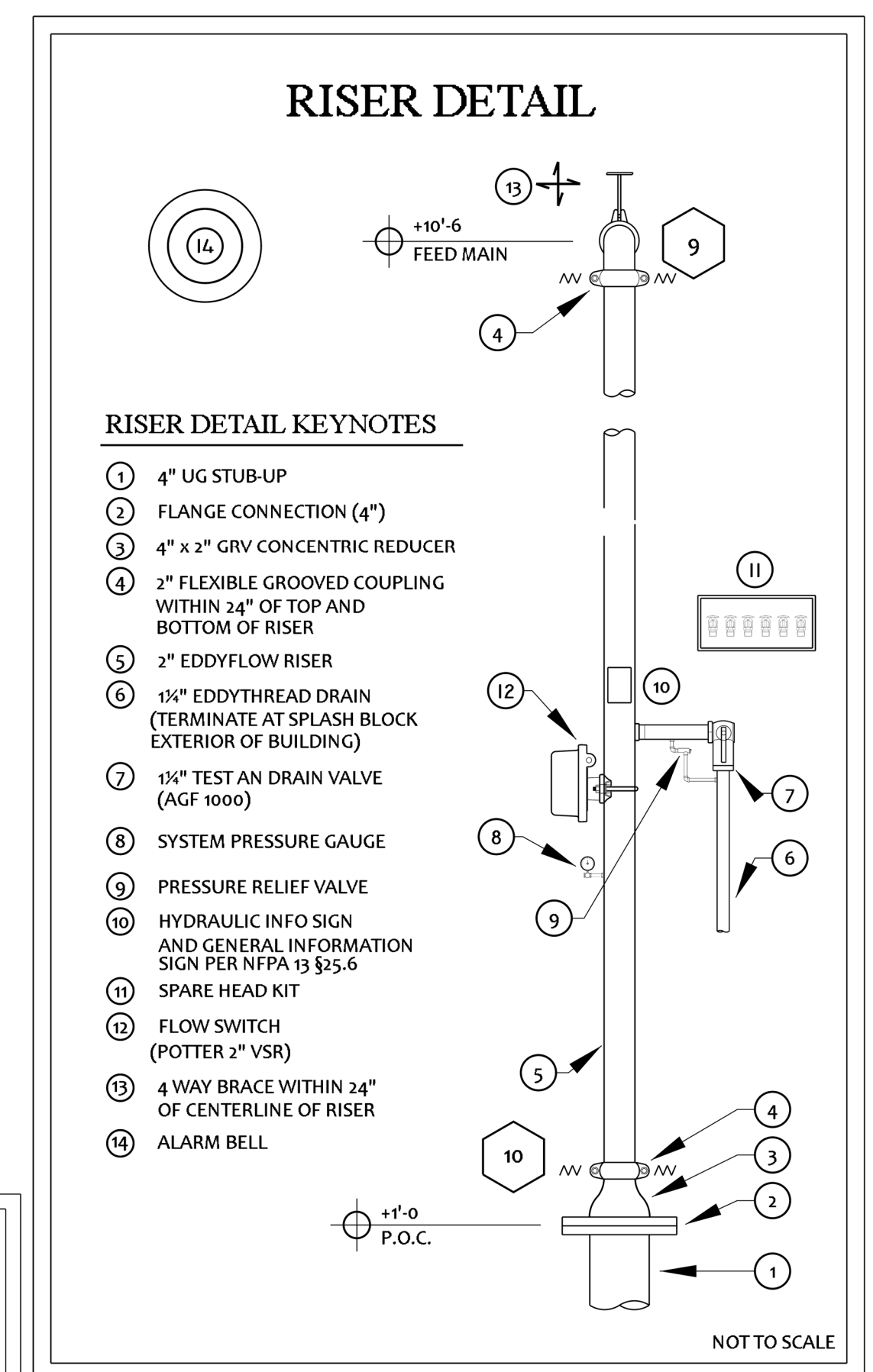


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FIRE SPRINKLER NOTES & DETAILS

Job No.: **5527**

Sheet No.: **F1.02**

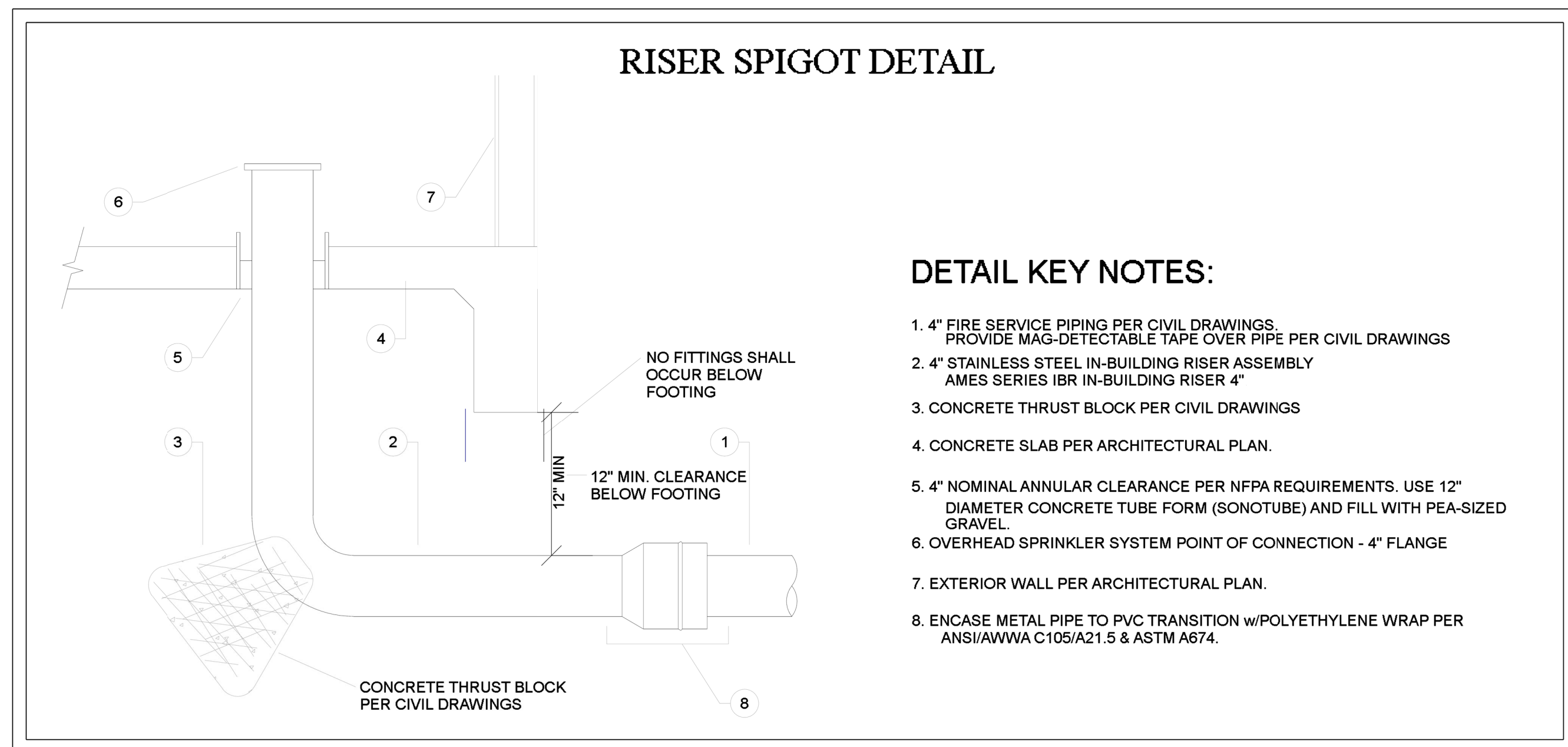
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RISER DETAIL

RISER DETAIL KEYNOTES

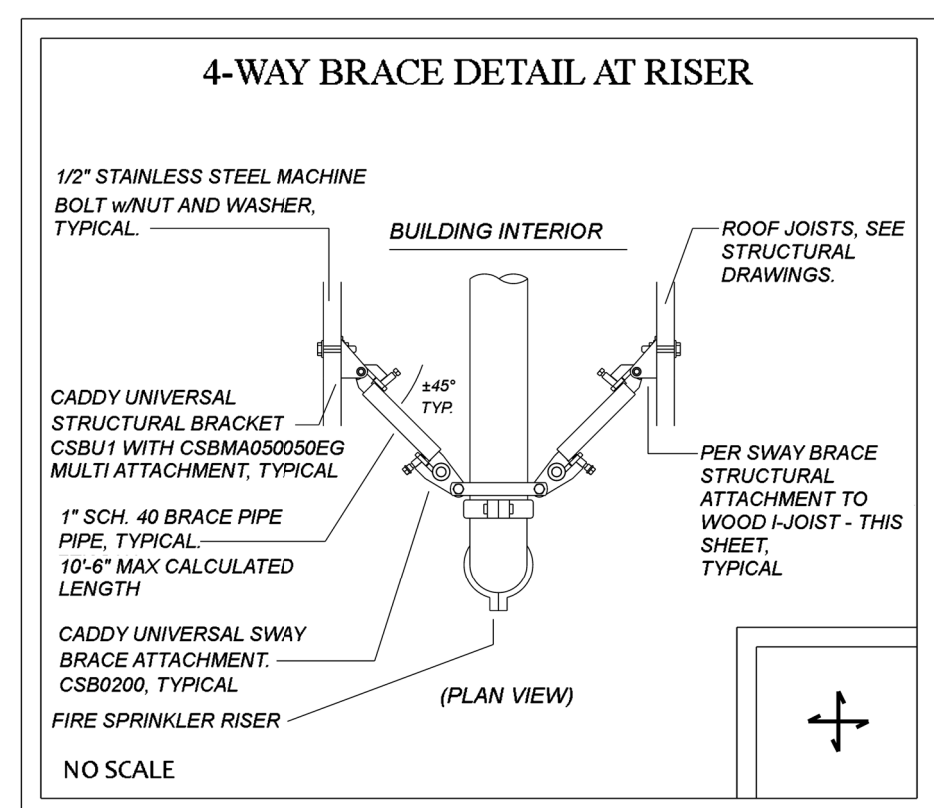
- ① 4" UG STUB-UP
- ② FLANGE CONNECTION (4")
- ③ 4" x 2" GRV CONCENTRIC REDUCER
- ④ 2" FLEXIBLE GROOVED COUPLING WITHIN 24" OF TOP AND BOTTOM OF RISER
- ⑤ 2" EDDYFLOW RISER
- ⑥ 1/4" EDDYTHREAD DRAIN (TERMINATE AT SPLASH BLOCK EXTERIOR OF BUILDING)
- ⑦ 1/4" TEST AN DRAIN VALVE (AGF 1000)
- ⑧ SYSTEM PRESSURE GAUGE
- ⑨ PRESSURE RELIEF VALVE
- ⑩ HYDRAULIC INFO SIGN AND GENERAL INFORMATION SIGN PER NFPA 13 §25-6
- ⑪ SPARE HEAD KIT
- ⑫ FLOW SWITCH (POTTER 2" VSR)
- ⑬ 4 WAY BRACE WITHIN 24" OF CENTERLINE OF RISER
- ⑭ ALARM BELL



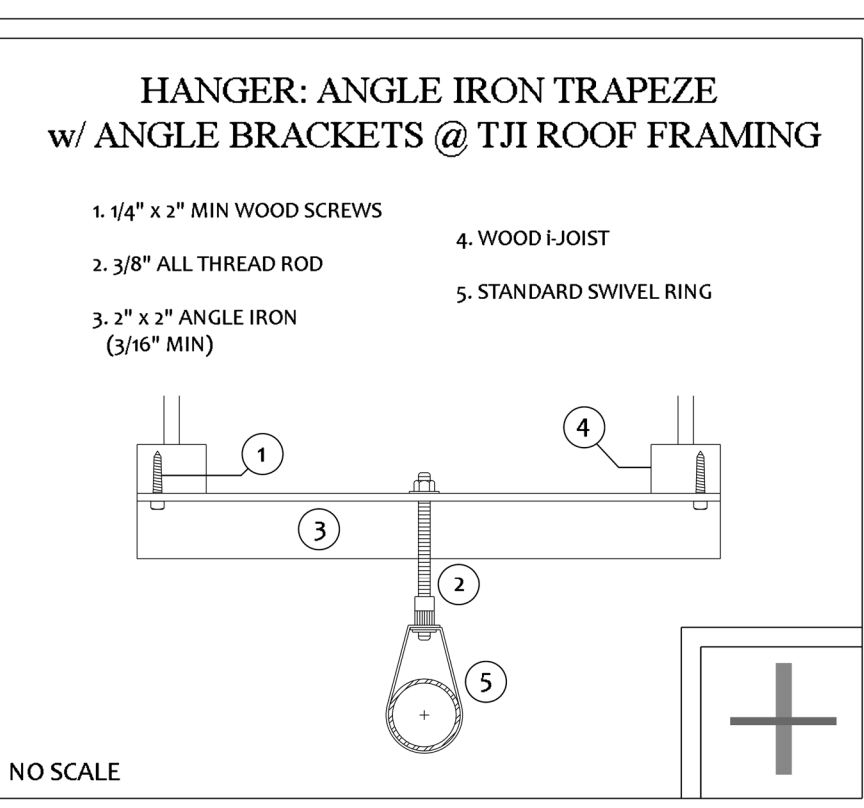
RISER SPIGOT DETAIL

DETAIL KEY NOTES:

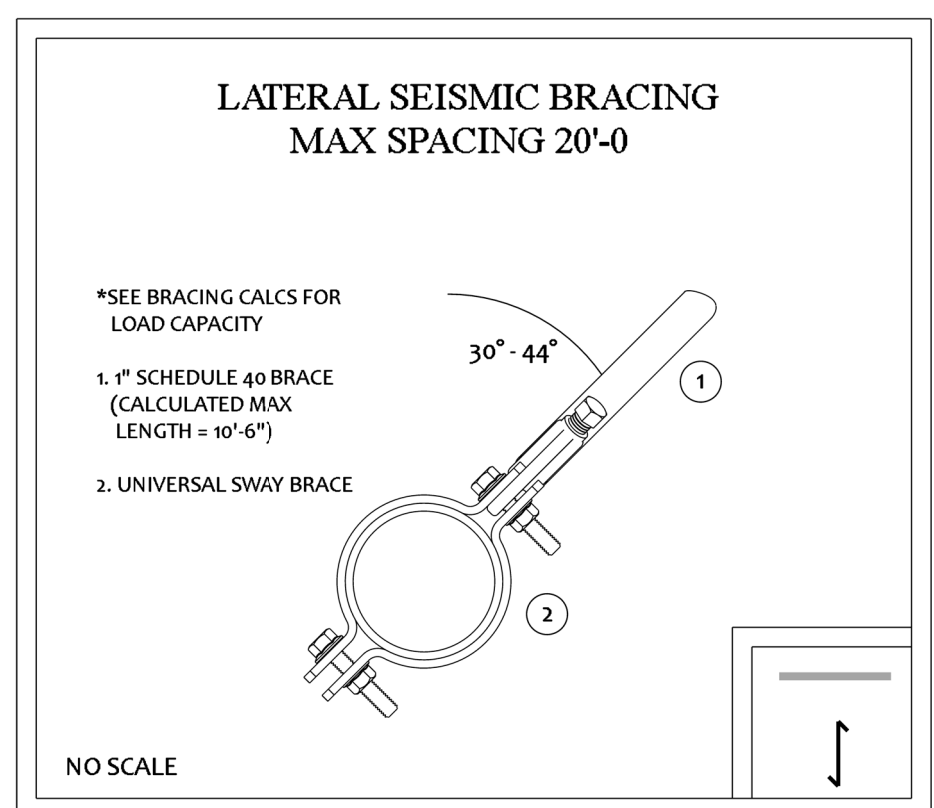
- 1. 4" FIRE SERVICE PIPING PER CIVIL DRAWINGS. PROVIDE MAG-DETECTABLE TAPE OVER PIPE PER CIVIL DRAWINGS
- 2. 4" STAINLESS STEEL IN-BUILDING RISER ASSEMBLY AMES SERIES IBR IN-BUILDING RISER 4"
- 3. CONCRETE THRUST BLOCK PER CIVIL DRAWINGS
- 4. CONCRETE SLAB PER ARCHITECTURAL PLAN.
- 5. 4" NOMINAL ANNULAR CLEARANCE PER NFPA REQUIREMENTS. USE 12" DIAMETER CONCRETE TUBE FORM (SONOTUBE) AND FILL WITH PEA-SIZED GRAVEL.
- 6. OVERHEAD SPRINKLER SYSTEM POINT OF CONNECTION - 4" FLANGE
- 7. EXTERIOR WALL PER ARCHITECTURAL PLAN.
- 8. ENCASE METAL PIPE TO PVC TRANSITION w/POLYETHYLENE WRAP PER ANSI/AWWA C105/A21.5 & ASTM A674.



4-WAY BRACE DETAIL AT RISER



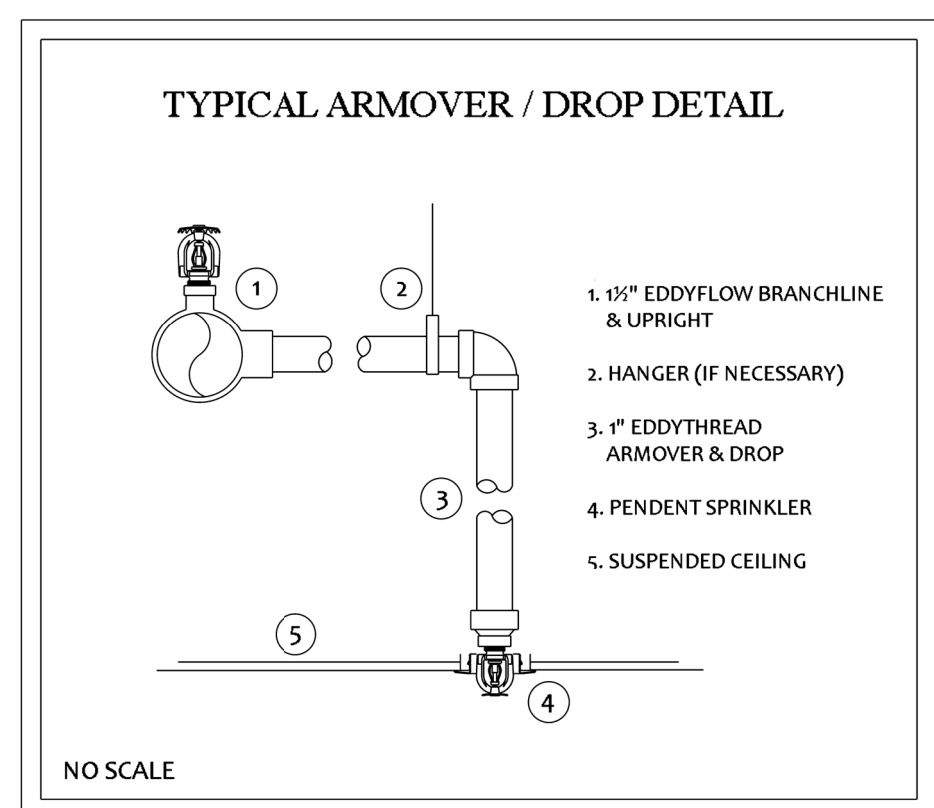
HANGER: ANGLE IRON TRAPEZE w/ ANGLE BRACKETS @ TJI ROOF FRAMING



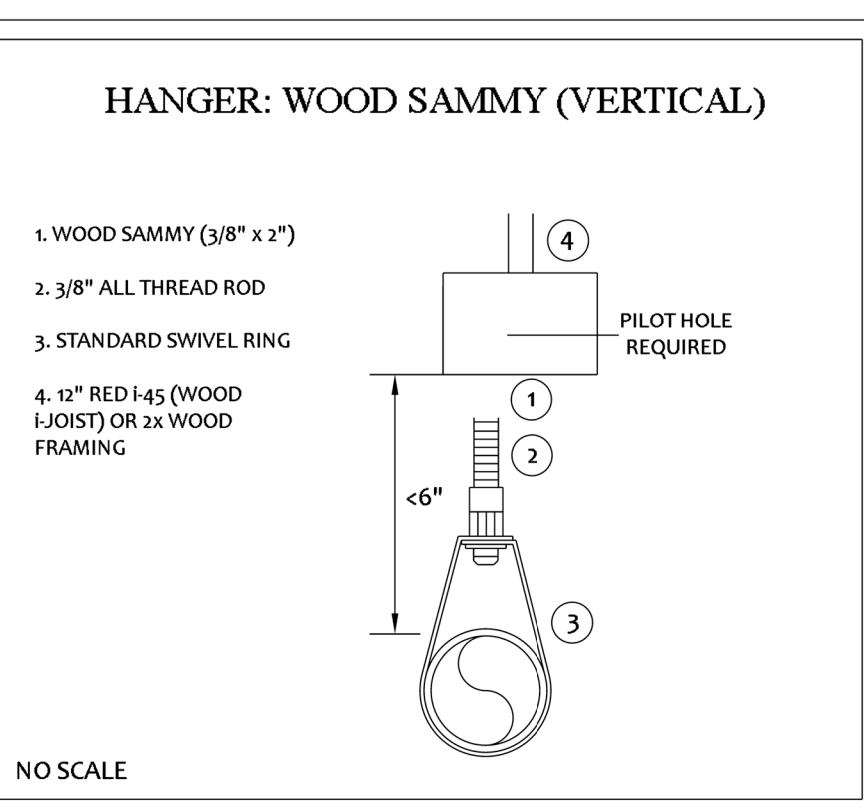
LATERAL SEISMIC BRACING MAX SPACING 20'-0"

TRAPEZE MODULUS CALCULATION

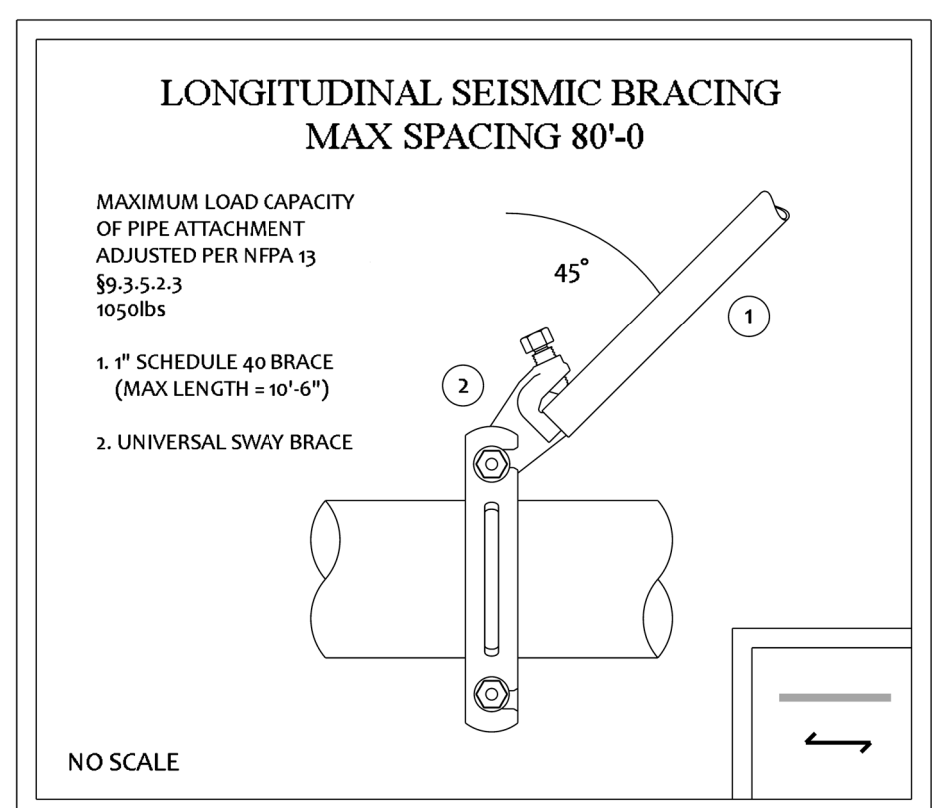
SPAN INFORMATION	
2.00	Length of Trapeze (in Feet)
1.00	Location of Point Load
TRAPEZE MATERIAL	
ANGLE IRON	Trapeze Material Type
2 inch	Trapeze Size/Depth
0.338	Section Modulus of Trapeze Material
PIPE TO BE SUPPORTED	
EDDYFLOW	Piping Material to be Supported
2 inch	Maximum Size of Pipe being supported
4.22	Weight per Foot
15-0	Length of Pipe (NFPA Tables are based on 15-feet of pipe)
313.30	Adjusted Point Load (1.0 Safety Factor plus an additional 250lb load)
MIN REQ'D MODULUS	
0.1253	Minimum Required Section Modulus for a maximum allowable bending stress of 15 kpsi with the adjusted trapeze length and point load location.



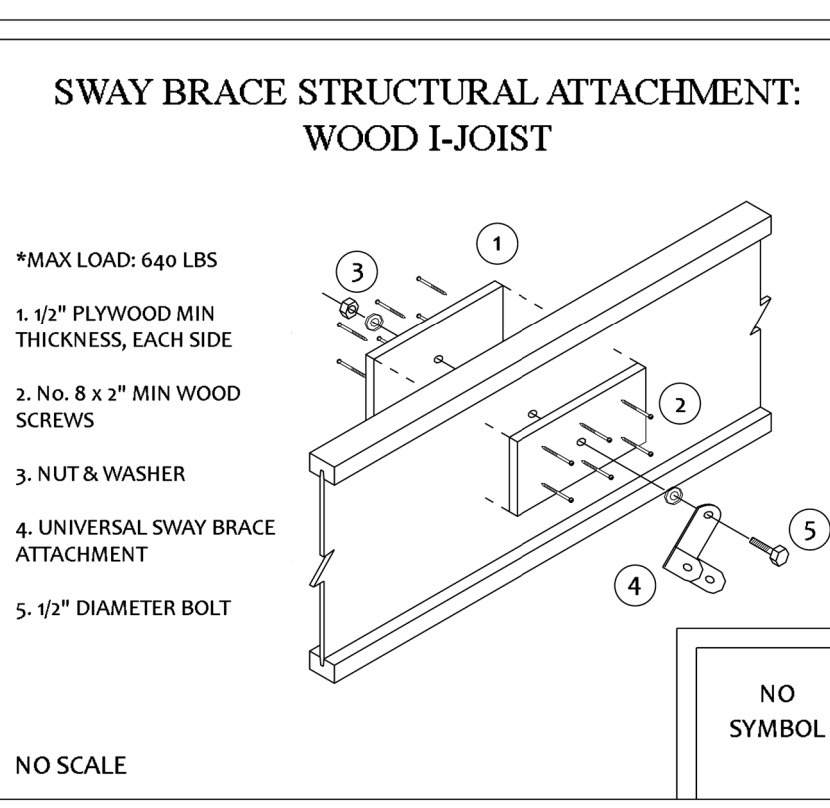
TYPICAL ARMOVER / DROP DETAIL



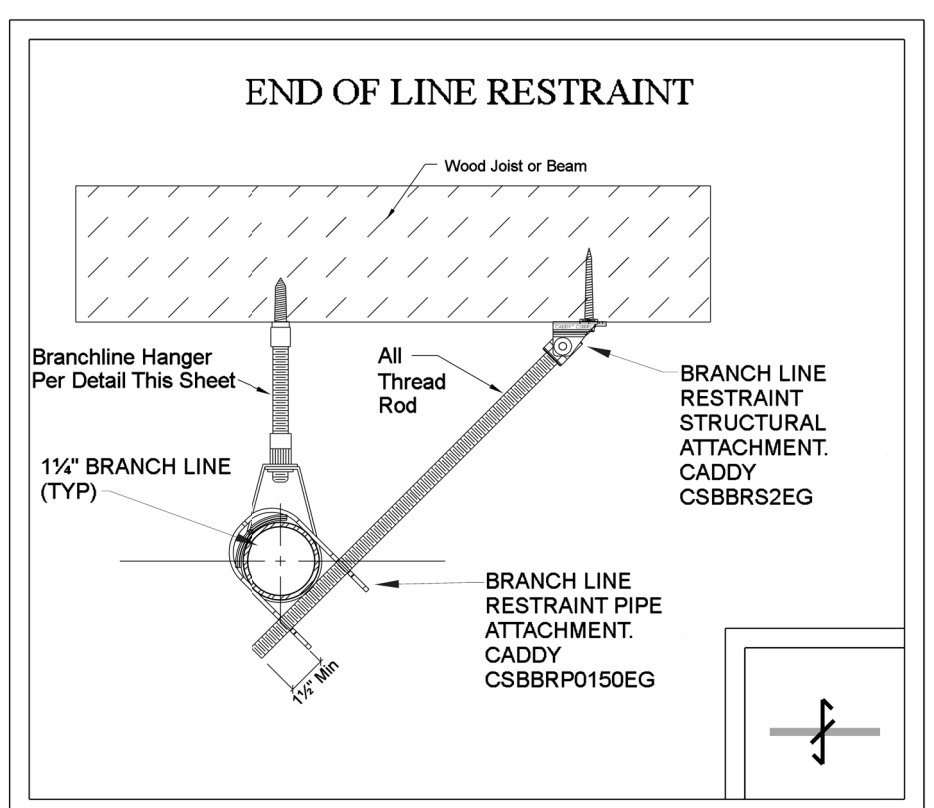
HANGER: WOOD SAMMY (VERTICAL)



LONGITUDINAL SEISMIC BRACING MAX SPACING 80'-0"



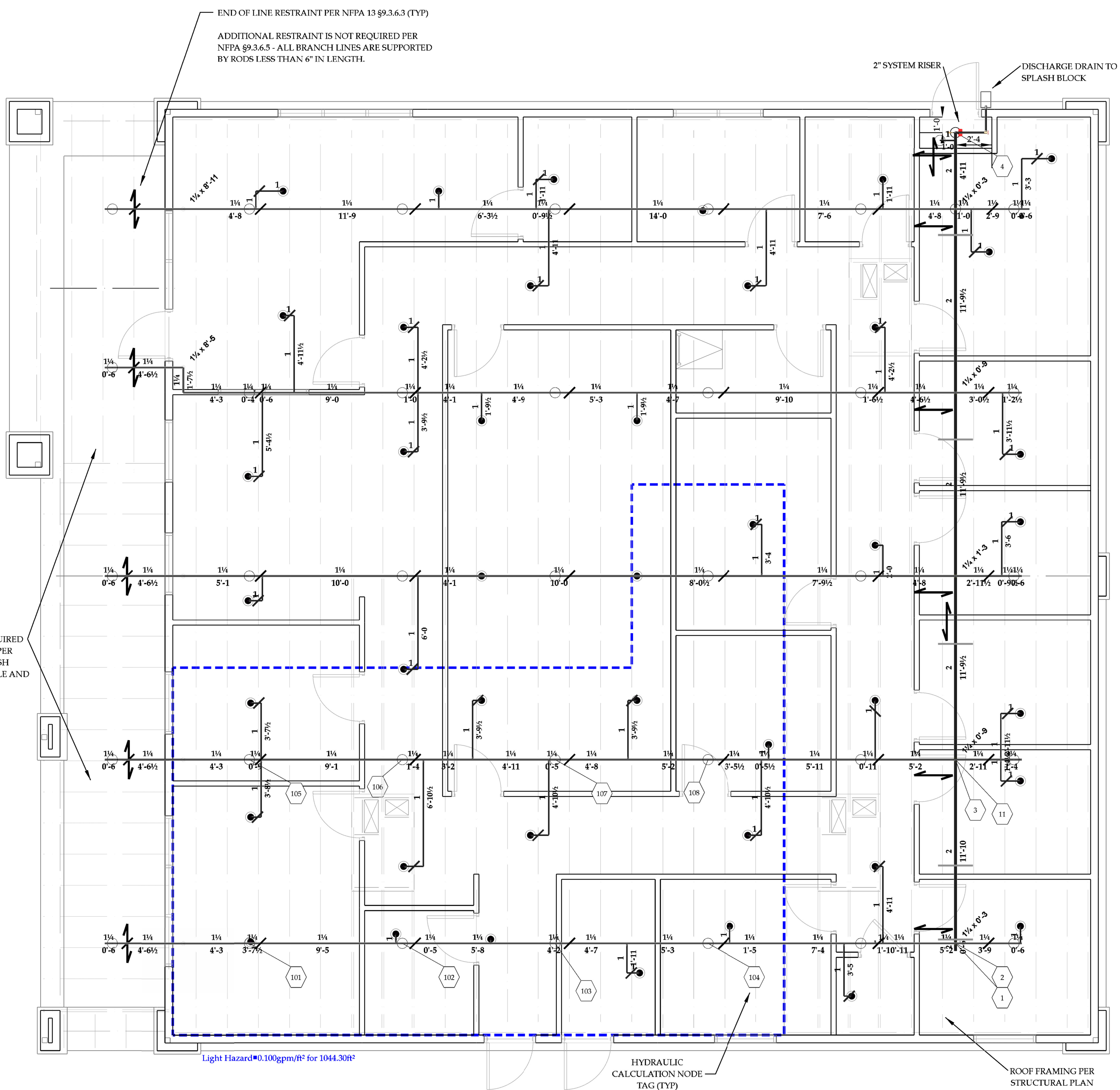
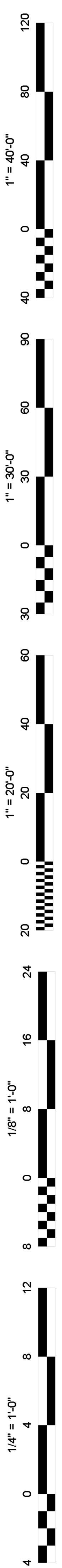
SWAY BRACE STRUCTURAL ATTACHMENT: WOOD I-JOIST



END OF LINE RESTRAINT



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SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	LATERAL SEISMIC BRACE (PERPENDICULAR)
	LONGITUDINAL SEISMIC BRACE (PARALLEL)
	4-WAY SEISMIC BRACE (PARALLEL/PERPENDICULAR)
	PIPE HANGERS - SEE DETAILS, SHEET F1.02
	200° PENDENT SPRINKLER
	155° PENDENT SPRINKLER ON DROP
	200° UPRIGHT SPRINKLER
	HYDRAULIC NODE
	FIRE PIPING

Hydraulic Information	
Remote Area 1	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft ²)	0.10 for 1500.00ft ² (Actual 1044.30ft ²)
QUICK RESPONSE REDUCTION	15'-9" Ceiling (31.4%) 1029.37ft ²
TOTAL HOSE STREAMS	100.00
TOTAL HEADS FLOWING	8
K-FACTOR	5.6
TOTAL WATER REQUIRED	224.39
TOTAL PRESSURE REQUIRED	28.433
SAFETY MARGIN (psi)	+24.730 (46.5%)
130ft ² Coverage Per Sprinkler	

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

Sprinkler Legend							
Symbol	Manufacturer	SIN	Quantity	K-Factor	Type	Size	Response Finish Temperature
	Tyco	TY3131	39	5.6	Upright	1/2"	Quick Brass 200°F
	Tyco	TY3231	46	5.6	Pendent	1/2"	Quick Chrome 155°F
			Total = 85				

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BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD, CA 93305

Project Name:
WELLNESS CENTER

Project Address:
DR. MARTIN LUTHER KING JR. ELEMENTARY SCHOOL
1100 CITADEL STREET
BAKERSFIELD, CA 93307



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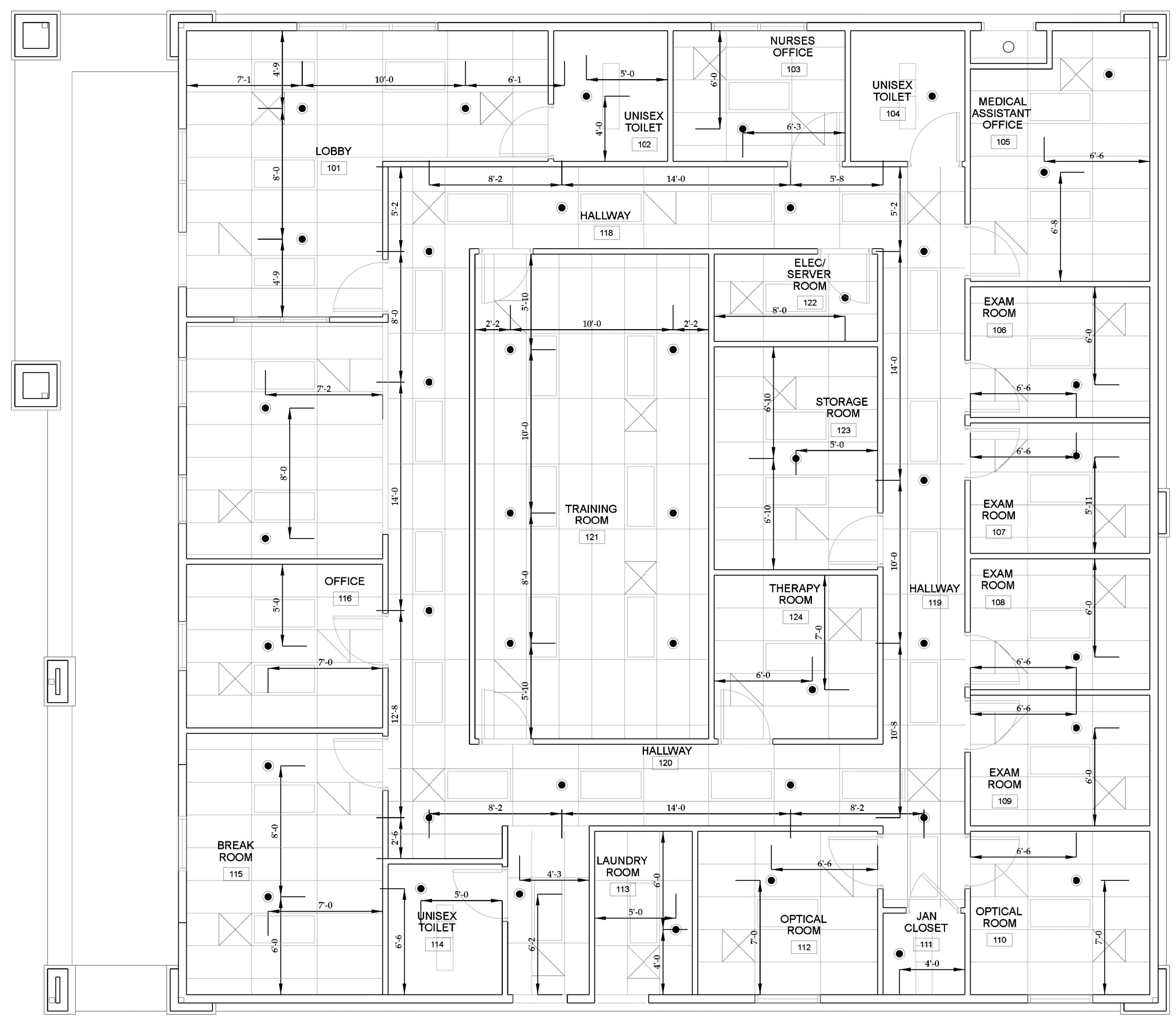
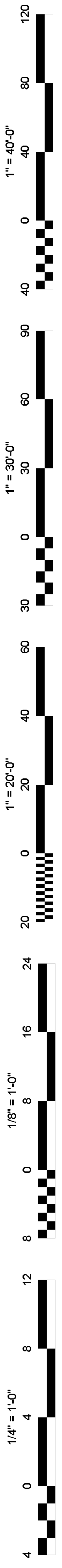
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**FIRE SPRINKLER
PIPING PLAN & RCP**

Job No.: **5527**

Sheet No.: **F2.01**

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REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

Sprinkler Legend									
Symbol	Manufacturer	SIN	Quantity	K-Factor	Type	Size	Response	Finish	Temperature
●	Tyco	TY3231	44	5.6	Pendent	1/2"	Quick	Chrome	155°F
			Total = 44						

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	LATERAL SEISMIC BRACE (PERPENDICULAR)
	LONGITUDINAL SEISMIC BRACE (PARALLEL)
	4-WAY SEISMIC BRACE (PARALLEL/PERPENDICULAR)
	PIPE HANGERS - SEE DETAILS, SHEET F1.02
	200° PENDENT SPRINKLER
	155° PENDENT SPRINKLER ON DROP
	200° UPRIGHT SPRINKLER
	HYDRAULIC NODE
	FIRE PIPING

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Sheet Title:
**FIRE SPRINKLER
RCP**

Job No.:
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