

iD S STANDARD DETAILS

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The IDS Standard Details Book contains IDS Standards Details that are to be used when creating a set of Construction Documents. They are intended to increase productivity and efficiency.

The IDS Standards Details have been used for many years on many projects. They have been time tested and continue to provide solid information in contract documents. Be sure to read and follow the instructions stated at the top of the standard details. Reading and following the stated instructions will not only ensure the proper use of the detail, it will also inform you of the potential use of additional details.

In summary, the use of the Standard Details in a set of Construction Documents not only make the project more efficient, it improves coordination between the drawings and the specifications. The use of the Standard Details will also allow for more time to be spent on the atypical details and custom aspects of a design.

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09-552	Ceiling Drop - 2019
09-553	Ceiling Drop – 2019
09-751	Wood Veneer Panel Reveal Trim – 9/2007
09-752	Wood Veneer Panel End – 9/2007
09-753	Wood Veneer Panel Inside Corner – 9/2007
09-754	Wood Veneer Panel Outside Corner – 9/2007
09-755	Wood Veneer Panel Reveal Trim – 9/2007

SPECIALTIES - TAB 10

10-001	Clg Hung Toilet Partition – 2019
10-002	Ceiling Hung Toilet Partition (At Cove Light) – 2019
10-101	Cubical Curtain /I.V. Track – 2019
10-127	Display Case – 2019
10-201	Recessed Corner Guard – 2019
10-202	Recessed End Wall Corner Guard – 2019
10-211	Handrail & Crashrail Detail – 2019
10-421	Sign Type X (Typical Room) - 10/18/99
10-422	Sign Type X (Typical Room) - 10/18/99
10-423	Sign Type X (Typical Room) - 10/18/99
10-461	Sign Type X (B.F. Toilet) - 10/18/99
10-462	Sign Type X (B.F. Toilet) - 10/18/99
10-501	Sign Type X (Maximum Occupancy) - 10/18/99
10-511	Sign Type X (International Symbol of Accessibility -Vinyl) - 10/18/99
10-512	Sign Type X (International Symbol of Accessibility) - 10/18/99
10-513	Sign Type X (Stair Exit) - 10/18/99

ARCHITECTURAL STANDARD DETAIL INDEX 2019

10-514	Sign Type X (Emergency Sign at Elevator) - 10/18/99
10-515	Sign Type X (Stair Floor Number) - 10/18/99
10-516	Sign Type X (Stair Floor Number) - 10/18/99
10-517	Sign Type X (Volume Control Telephone) - 10/18/99
10-518	Sign Type X (Text Telephone) - 10/18/99
10-519	Sign Type X (Assisted Listening System) - 10/18/99
10-531	Sign Type X (Fire Exit) - 10/18/99
10-532	Sign Type X (No Exit) - 10/18/99
10-561	Sign Type X (Special Locking Door) - 10/18/99
10-562	Sign Type X (Locked Egress Door) - 10/18/99
10-581	Sign Type X (B.F. Parking Stall) - 10/18/99
10-601	Concrete Locker Base – 2019
10-602	Metal Locker Base – 2019
10-603	Glazed CMU Locker Base – 2019
10-611	Locker Base w/ Bench (Single Locker Row) (Conc) – 2019
10-612	Locker Base w/ Bench (Double Locker Row) (Conc) – 2019
10-613	Locker Base (End Condition) (Conc) – 2019
10-614	Locker Base (Single Locker Row) – 2019
10-615	Locker Base (Double Locker Row) – 2019
10-616	Locker Base (End Condition) – 2019
10-621	Locker Base w/ Bench (Single Locker Row) (Wood) – 2019
10-622	Locker Base w/ Bench (Double Locker Row) (Wood) – 2019
10-623	Locker Base (End Condition) (Wood) – 2019
10-631	Bench Detail – 2019
10-632	Bench Detail – 2019
10-681	Mobile Storage Unit Rail – 2019
10-801	Head Detail at Operable Partition – 2019
10-802	Head Detail at Operable Partition – 2019
10-901	Accordion Folding Partition – 2019
10-926	Side Folding Grille – 2019

EQUIPMENT - TAB 11

11-001	Equipment Legend 2/2006
11-002	Equipment Notes 2/2002
11-101	Projection Screen – 2019
11-102	Ceiling Mtd Projection Screen – 2019
11-401	Floor Sleeve - 2019
11-501	Refrig / Freezer Floor – 2019
11-502	Refrig / Freezer Floor – 2019
11-601	Dock Bumper – 2019
11-701	Wall Mounted Rail - Medical Equipment – 2019

FURNISHINGS - TAB 12

12-601	Entrance Mat Frame (Carpet) - 2019
12-602	Entrance Mat Frame (Ceramic Tile) - 2019
12-603	Entrance Mat Frame (Terrazzo) – 2019

**ARCHITECTURAL
STANDARD DETAIL INDEX
2019**

12-611	Floor Transition (Carpet/Entry Mat) – 2019
12-612	Floor Transition (Ceramic Tile/Entry Mat) – 2019
12-613	Floor Transition – (Resilient/Entry Mat) - 2019

CONVEYING SYSTEMS - TAB 14

14-001	Elevator Ladder & Sump – 2019
14-002	Elevator Guide Rail Plan – 2019
14-101	Elevator Entrance Head – 2019
14-102	Elevator Entrance Jamb – 2019
14-103	Elevator Entrance Sill – 2019
14-201	Freight Elevator Door Jamb – 2019
14-202	Freight Elevator Door Jamb – 2019
14-203	Freight Elevator Door Sill – 2019

SITE PAVEMENT - TAB 32

32-301	Precast Concrete Pavers – 2019
32-501	Concrete Pavement Control Joint – 2019
32-502	Concrete Pavement Expansion Joint – 2019

FOUNDATION DRAINAGE - TAB 33

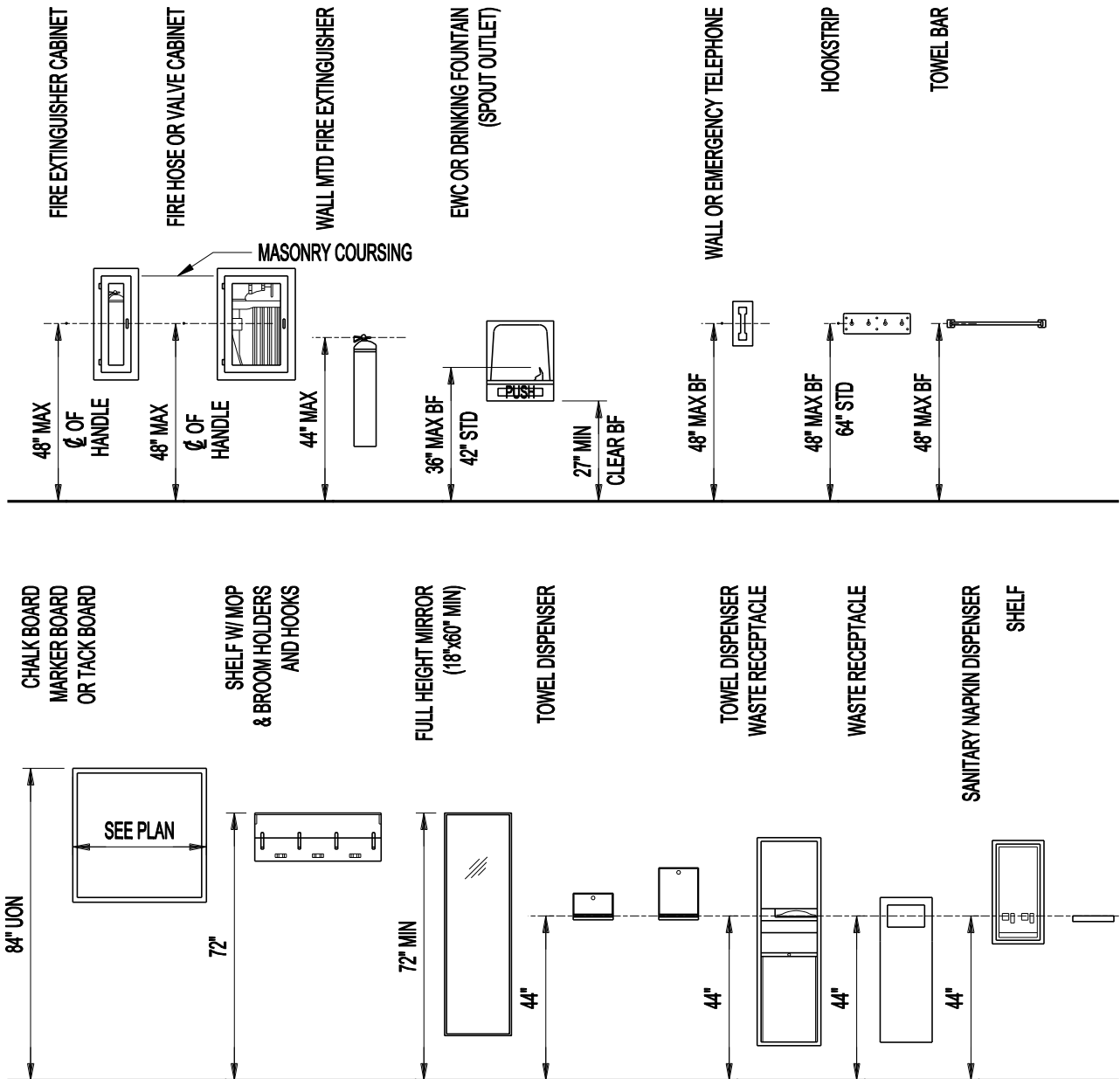
33-701	Perimeter Fdn Drainage (Beside Foundation) – 2019
33-702	Perimeter Fdn Drainage (Above Foundation) – 2019
33-721	Perimeter Fdn Drainage (Beside Foundation) – 2019
33-722	Perimeter Fdn Drainage (Above Foundation) – 2019
33-751	Foundation Drainage (Below Floor Slab) – 2019

FOR REFERENCE ONLY - MOUNTING HEIGHTS APPEAR ON
ARCHITECTURAL REFERENCE INFORMATION - AR.0

MOUNTING HEIGHTS ARE FOR ADULTS - ADJUSTMENTS MUST BE
MADE FOR YOUNGSTERS AS APPROPRIATE (SEE ADA GUIDELINES)
NOMENCLATE BF DEVICES ON PLANS WHERE APPLICABLE

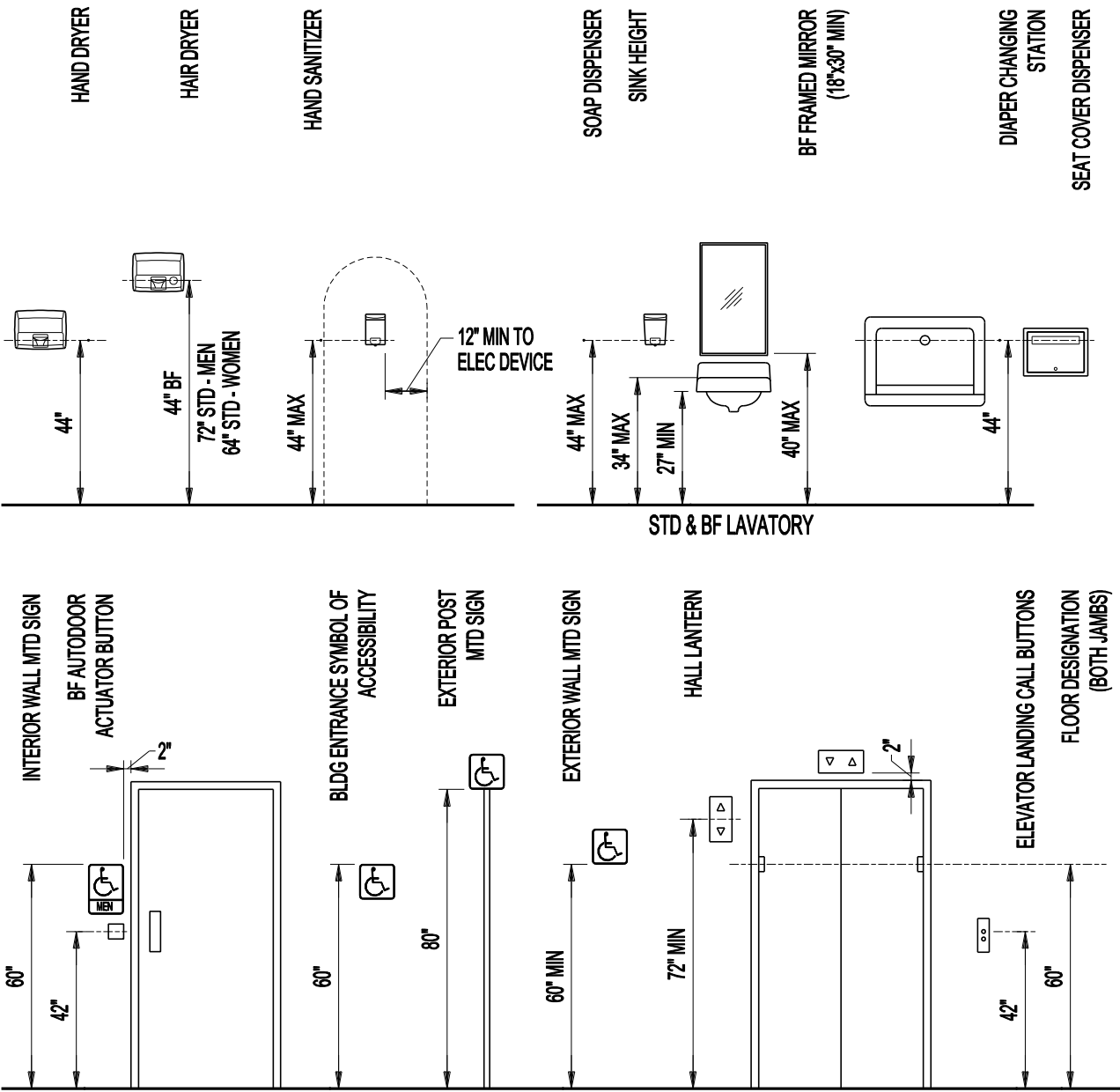
COMPLIES WITH MICHIGAN & ADA BF REQUIREMENTS

Standard Detail



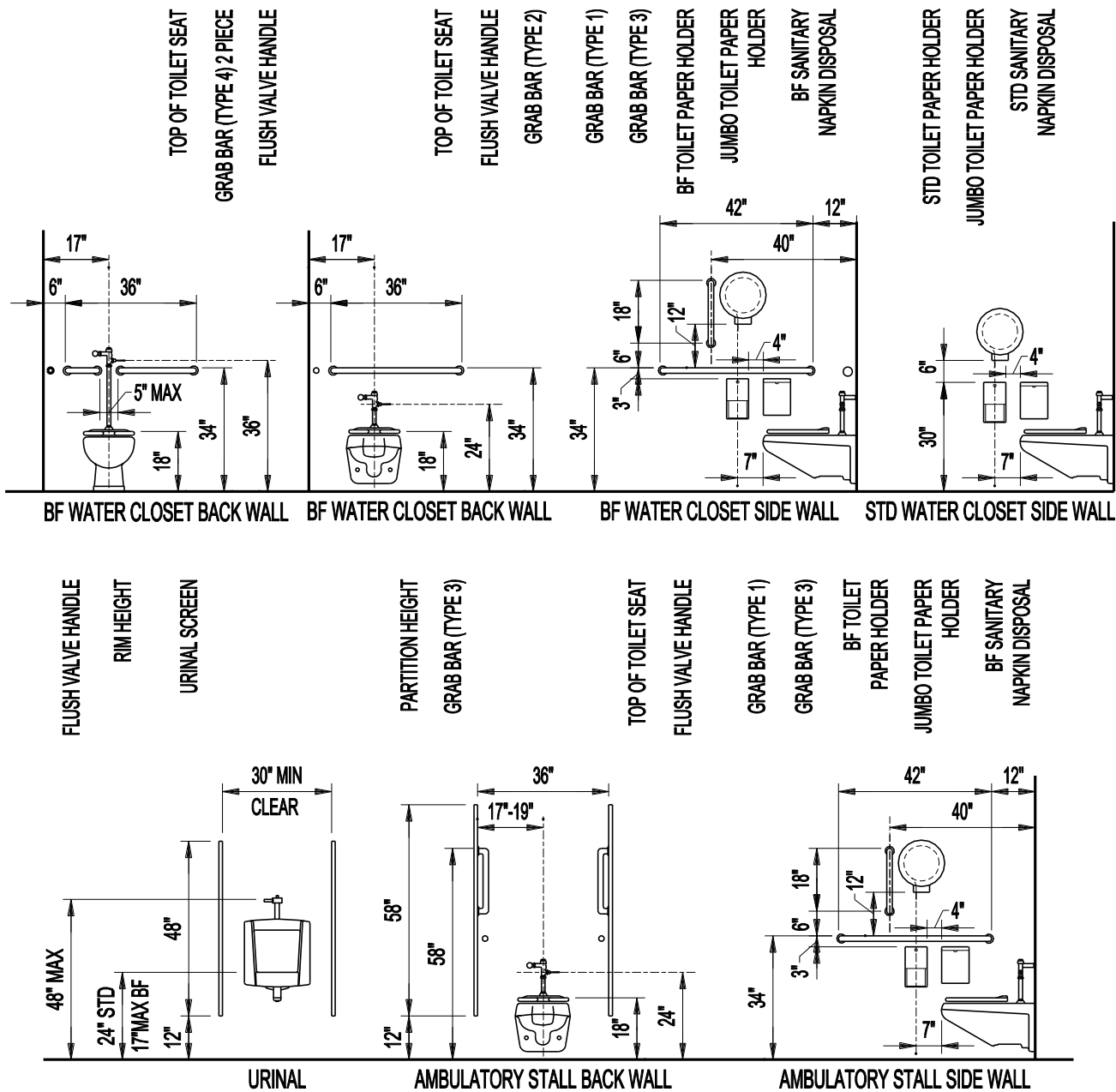
FOR REFERENCE ONLY - MOUNTING HEIGHTS APPEAR ON
ARCHITECTURAL REFERENCE INFORMATION - AR.0
MOUNTING HEIGHTS ARE FOR ADULTS - ADJUSTMENTS MUST BE
MADE FOR YOUNGSTERS AS APPROPRIATE (SEE ADA GUIDELINES)
NOMENCLATE BF DEVICES ON PLANS WHERE APPLICABLE
COMPLIES WITH MICHIGAN & ADA BF REQUIREMENTS

Standard Detail



FOR REFERENCE ONLY - MOUNTING HEIGHTS APPEAR ON
ARCHITECTURAL REFERENCE INFORMATION - AR.0
MOUNTING HEIGHTS ARE FOR ADULTS - ADJUSTMENTS MUST BE
MADE FOR YOUNGSTERS AS APPROPRIATE (SEE ADA GUIDELINES)
NOMENCLATE BF DEVICES ON PLANS WHERE APPLICABLE
COMPLIES WITH MICHIGAN & ADA BF REQUIREMENTS

Standard Detail



FOR REFERENCE ONLY - MOUNTING HEIGHTS APPEAR ON
ARCHITECTURAL REFERENCE INFORMATION - AR.0
MOUNTING HEIGHTS ARE FOR ADULTS - ADJUSTMENTS MUST BE
MADE FOR YOUNGSTERS AS APPROPRIATE (SEE ADA GUIDELINES)
NOMENCLATURE OF DEVICES ON PLANS WHERE APPLICABLE
COMPLIES WITH MICHIGAN & ADA BF REQUIREMENTS

Standard Detail

MOUNTING HEIGHTS SHOWN ARE BASED UPON RECOGNIZED
DESIGN STANDARDS AND/OR BARRIER FREE CODE
REQUIREMENTS. IT IS INTENDED THAT LIKE DEVICES ALL
BE MOUNTED AT THE SAME HEIGHT THROUGHOUT THE ENTIRE
PROJECT. RECESSED DEVICES IN MASONRY WALLS MAY
DICTATE A DEVIATION (2") FROM THESE HEIGHTS
(WHEN PERMITTED BY CODE) SO AS TO ALLOW THE BOTTOM
OR THE TOP OF THE DEVICE RECESS TO ALIGN WITH
MASONRY COURSING. COORDINATE THESE DEVIATIONS
WITH THE ARCHITECT'S/OWNER'S REPRESENTATIVE.

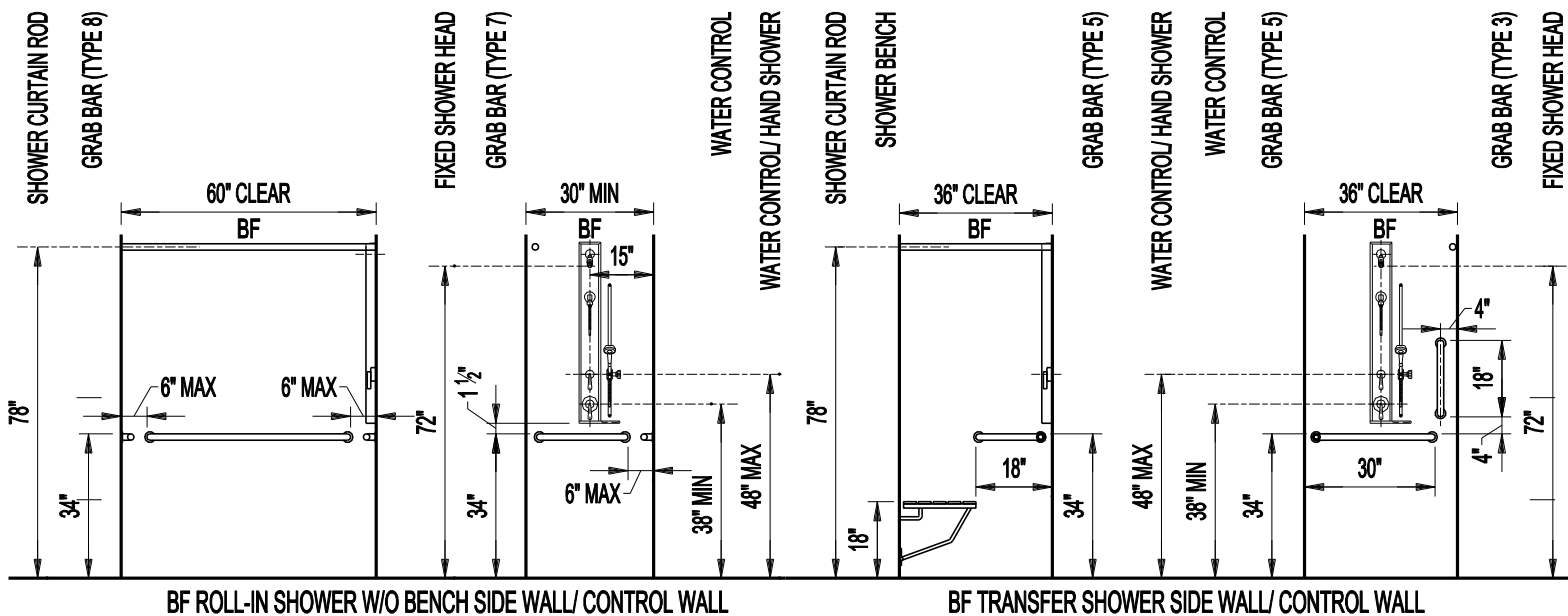
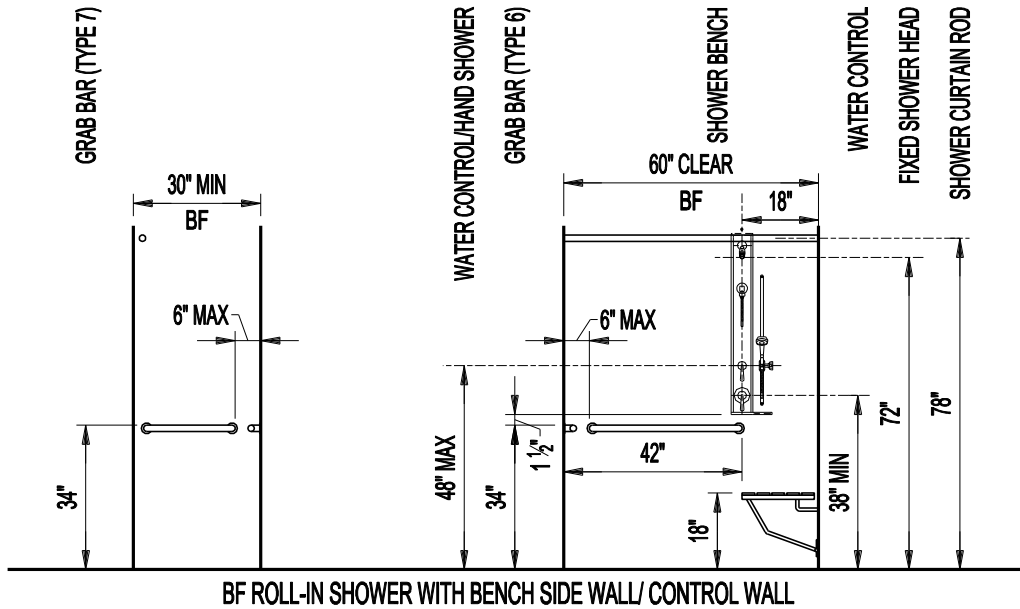
MOUNTING HEIGHTS ARE TYPICAL
UNLESS OTHERWISE NOTED ON DRAWINGS

FOR REFERENCE ONLY - MOUNTING HEIGHTS APPEAR ON
ARCHITECTURAL REFERENCE INFORMATION - AR.0

MOUNTING HEIGHTS ARE FOR ADULTS - ADJUSTMENTS MUST BE
MADE FOR YOUNGSTERS AS APPROPRIATE (SEE ADA GUIDELINES)
NOMENCLATE BF DEVICES ON PLANS WHERE APPLICABLE

COMPLIES WITH MICHIGAN & ADA BF REQUIREMENTS

Standard Detail



ADD SYMBOLS AND DESCRIPTIONS TO LEGEND AS REQUIRED
NOMENCLATE MATERIALS THAT ARE BEING REMOVED ON PLANS
WITH KEYNOTES

Standard Detail

LEGEND

DEMOLITION PLAN

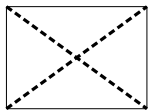
NOTE: NOT ALL SYMBOLS MAY BE USED



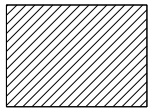
EXISTING TO BE REMOVED



EXISTING TO REMAIN



EXISTING CEILING
TO BE REMOVED



EXISTING FLOOR/FINISH
TO BE REMOVED

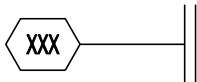
ADD SYMBOLS AND DESCRIPTIONS TO LEGEND AS REQUIRED
NOMENCLATE DRAWING NUMBER(S) WHERE PARTITION DETAILS
ARE LOCATED

Standard Detail

LEGEND

FLOOR PLAN

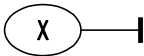
NOTE: NOT ALL SYMBOLS MAY BE USED



PARTITION TYPE - REFER
TO PARTITION DETAILS
DRAWING AX.X



SHALL COMPLY WITH
BARRIER FREE REQUIREMENTS



SIGN NUMBER - REFER
TO SCHEDULE
DRAWING AX.X

USE "NONRATED SMOKE TIGHT PTN" TO SATISFY

NFPA REQUIREMENTS FOR CORRIDORS IN FULLY SPRINKLERED BUILDINGS

USE "SMOKE BARRIER" IN CONJUNCTION W/MIN 1 HR RATED

PARTITION TO SATISFY NFPA REQUIREMENT FOR SMOKE COMPARTMENTS

Standard Detail

LEGEND

REFLECTED CEILING PLAN

NOTE: NOT ALL SYMBOLS MAY BE USED

	NON RATED PTN REFER TO FLOOR PLANS FOR TYPE		FLUORESCENT LIGHTING FIXTURE
	NON RATED SMOKE TIGHT PTN		FLUORESCENT STRIP LIGHTING FIXTURE
	SMOKE BARRIER		FLUORESCENT LIGHTING FIXTURE SUSPENDED MOUNTED
	EXIST FIRE RATED PTN AS NOTED		LIGHTING FIXTURE
	1 HR FIRE RATED PTN		TRACK LIGHTING
	2 HR FIRE RATED PTN		SMOKE DETECTOR
	3 HR FIRE PTN RATED		SPEAKER
			EXIT LIGHTING FIXTURE
			OCCUPANCY SENSOR
			SUPPLY AIR DIFFUSER
			RETURN AIR REGISTER/GRILLE
			LINEAR DIFFUSER
			RADIANT CEILING PANEL
			PENDANT SPRINKLER HEAD
			ACCESS PANEL (24"x24" UON)
			EQUIP MOUNTED ABOVE CEILING (AS NOTED)
			SOUND ATTENUATING ACOUSTICAL PANEL ABOVE CEILING

ADD SYMBOLS AND DESCRIPTIONS TO LEGEND AS REQUIRED

Standard Detail

LEGEND

ROOF PLAN

NOTE: NOT ALL SYMBOLS MAY BE USED



ROOF SLOPE INDICATION



ROOF SUMP



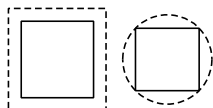
OVERFLOW ROOF SUMP



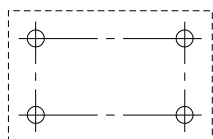
ROOF HATCH



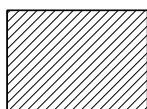
SMOKE VENT

CURB MOUNTED
EQUIPMENT

STACK

FRAME SUPPORTED
EQUIPMENT

ROOF WALKWAY

BUILDING EXPANSION
JOINT

TAPERED INSULATION

USE ON NEW WORK PLAN FOR RENOVATION PROJECTS

ADD SYMBOLS AND DESCRIPTIONS TO LEGEND AS REQUIRED

NOMENCLATE DRAWING NUMBER(S) WHERE PARTITION DETAILS
ARE LOCATED

Standard Detail

LEGEND

FLOOR PLAN

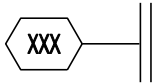
NOTE: NOT ALL SYMBOLS MAY BE USED



EXISTING CONSTRUCTION



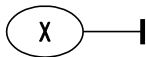
NEW CONSTRUCTION



PARTITION TYPE - REFER
TO PARTITION DETAILS
DRAWING AX.X



SHALL COMPLY WITH
BARRIER FREE REQUIREMENTS



SIGN NUMBER - REFER
TO SCHEDULE
DRAWING NO AX.X

USE FOR LABORATORY FACILITIES IN CONJUNCTION

W/ 01-407

ADD SYMBOLS AND DESCRIPTIONS TO LEGEND AS REQUIRED

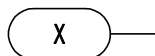
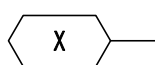
FILL-IN DRAWING NUMBER WHERE CASEWORK ELEVATIONS
ARE LOCATED

Standard Detail

LEGEND

EQUIPMENT & CASEWORK PLAN

NOTE: NOT ALL SYMBOLS MAY BE USED

	CASEWORK IDENTIFICATION (REFER TO DRAWING(S) AX.X)
	EQUIPMENT IDENTIFICATION (REFER TO SPECIFICATIONS)
 * -1	TURRET BASE, SINGLE SERRATED OUTLET
 * -2	TURRET BASE, TWO SERRATED OUTLETS, 90°
 * -3	TURRET BASE, TWO SERRATED OUTLETS, 180°
 * -4	TURRET BASE, THREE SERRATED OUTLETS
 * -5	TURRET BASE, FOUR SERRATED OUTLETS
 * -6	WALL OR PANEL MOUNTED, SINGLE SERRATED OUTLET
 * -7	WALL OR PANEL MOUNTED, TWO SERRATED OUTLETS 90°
 *	DESIGNATES OUTLET SERVICE:
CA	COMPRESSED AIR
G	NATURAL GAS
VAC	VACUUM
R	REMOTE CONTROL

LEGEND

EQUIPMENT & CASEWORK PLAN

NOTE: NOT ALL SYMBOLS MAY BE USED

	RF-1	RECESSED SINGLE RECEPTACLE OUTLET
	RF-2	RECESSED DUPLEX RECEPTACLE OUTLET
	RF-3	RECESSED SINGLE DATA OUTLET
	RF-4	RECESSED QUAD RECEPTACLE OUTLET
	RF-5	SPECIAL RECESSED RECEPTACLE OUTLET
	RF-6	RECESSED DUPLEX RECEPTACLE OUTLET GROUND FAULT INTERRUPTER
	PF-1	PEDESTAL DUPLEX RECEPTACLE OUTLET
	PF-2	PEDESTAL DUPLEX (DUAL) RECEPTACLE OUTLET
	PF-3	PEDESTAL DUPLEX RECEPTACLE OUTLET GROUND FAULT INTERRUPTER
	PF-4	PEDESTAL SINGLE DATA OUTLET

USE FOR LABORATORY FACILITIES IN CONJUNCTION

WITH 01-406

ADD SYMBOLS AND DESCRIPTIONS TO LEGEND AS REQUIRED

Standard Detail

LEGEND

EQUIPMENT & CASEWORK PLAN

NOTE: NOT ALL SYMBOLS MAY BE USED



COUNTER SINK



CUP SINK

EEW

EMERGENCY EYE WASH

ES

EMERGENCY SHOWER

ESEW

EMERGENCY SHOWER/EYE WASH

HCW-1

HOT & COLD WATER, DECK MOUNTED,
GOOSENECK MIXING FIXTURE

HCW-2

REMOTE CONTROL ASSEMBLY HOT
& COLD WATER - FUME HOOD WALL
MOUNTED, GOOSENECK MIXING FIXTURE

CW-1

COLD WATER, DECK MOUNTED,
GOOSENECK FIXTURE

CW-2

REMOTE CONTROL ASSEMBLY COLD
WATER - FUME HOOD WALL MOUNTED,
GOOSENECK FIXTURE

HW-1

HOT WATER, DECK MOUNTED,
GOOSENECK FIXTURE

DW-1

DISTILLED WATER, DECK MOUNTED,
GOOSENECK FIXTURE

DW-2

REMOTE CONTROL ASSEMBLY
DISTILLED WATER - FUME HOOD
WALL MOUNTED, GOOSENECK FIXTURE

USE FOR MEDICAL FACILITIES

ADD SYMBOLS AND DESCRIPTIONS TO LEGEND AS REQUIRED

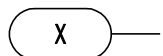
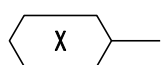
FILL-IN DRAWING NUMBER WHERE CASEWORK ELEVATIONS
ARE LOCATED

Standard Detail

LEGEND

EQUIPMENT & CASEWORK PLAN

NOTE: NOT ALL SYMBOLS MAY BE USED

	CASEWORK IDENTIFICATION (REFER TO DRAWING(S) AX.X)
	EQUIPMENT IDENTIFICATION (REFER TO SPECIFICATIONS)
	SINGLE WALL MOUNTED OUTLET
*	DESIGNATES OUTLET SERVICE:
CA	COMPRESSED AIR
MA	MEDICAL AIR
O	OXYGEN
VAC	VACUUM
N ₂	NITROGEN
NO ₂	NITROUS OXIDE
EEW	EMERGENCY EYE WASH
ES	EMERGENCY SHOWER
ESEW	EMERGENCY SHOWER/EYE WASH
HCW-1	HOT & COLD WATER, DECK MOUNTED, GOOSENECK MIXING FIXTURE
	COUNTER SINK

LEGEND

EQUIPMENT & CASEWORK PLAN

NOTE: NOT ALL SYMBOLS MAY BE USED

	RF-1	RECESSED SINGLE RECEPTACLE OUTLET
	RF-2	RECESSED DUPLEX RECEPTACLE OUTLET
	RF-3	RECESSED SINGLE DATA OUTLET
	RF-4	RECESSED QUAD RECEPTACLE OUTLET
	RF-5	SPECIAL RECESSED RECEPTACLE OUTLET
	RF-6	RECESSED DUPLEX RECEPTACLE OUTLET GROUND FAULT INTERRUPTER
	PF-1	PEDESTAL DUPLEX RECEPTACLE OUTLET
	PF-2	PEDESTAL DUPLEX (DUAL) RECEPTACLE OUTLET
	PF-3	PEDESTAL DUPLEX RECEPTACLE OUTLET GROUND FAULT INTERRUPTER
	PF-4	PEDESTAL SINGLE DATA OUTLET

USE WHEN SPECIALTY ITEMS ARE SHOWN ON FLOOR OR
EQUIPMENT PLANS

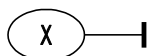
ADD SYMBOLS AND DESCRIPTIONS TO LEGEND AS REQUIRED

Standard Detail

LEGEND

SPECIALTY ITEMS

NOTE: NOT ALL SYMBOLS MAY BE USED



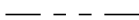
SIGN NUMBER - REFER
TO SPECIFICATIONS SECTION
10425 FOR SCHEDULE



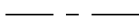
GROMMETS



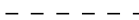
CORNER GUARD
(FULL HEIGHT, UON)



WALL GUARD
(34" AFF TO TOP, UON)



WALL GUARD
(18" AFF TO TOP, UON)



CURTAIN TRACK



IV TRACK

 EDIT LIST AS REQUIRED. ADD TYPE DESIGNATION FOR

 MULTIPLE ITEMS & COORDINATE W/SPECIFICATION

 DO NOT USE MIRROR W/SHELF AT LAVATORIES

 ADD MIRROR SIZE TO SYMBOL ON PLAN

 ADD FURNISH/INSTALL DESIGNATION FOLLOWING ITEM AS REQ'D

Standard Detail

LEGEND

TOILET ACCESSORIES

NOTE: NOT ALL SYMBOLS MAY BE USED

REFER TO SPECIFICATION SECTION 10 2800 FOR ADDITIONAL INFORMATION

REFER TO DRAWING A0.1 FOR TYPICAL MOUNTING HEIGHTS

ALL TOILET ACCESSORIES ARE CONTRACTOR FURNISHED AND INSTALLED UON

(OF/OI): OWNER FURNISHED/OWNER INSTALLED

(OF/CI): OWNER FURNISHED/CONTRACTOR INSTALLED

1	GRAB BAR TYPE 1	14	SOAP DISH
2	GRAB BAR TYPE 2	15	RECESSED SOAP DISH
3	GRAB BAR TYPE 3	16	MIRROR (SIZE AS NOTED ON PLAN - WxH)
4	GRAB BAR TYPE 4	17	MIRROR WITH SHELF (SIZE AS NOTED ON PLAN - WxH)
5	GRAB BAR TYPE 5	18	ELECTRIC HAND DRYER
6	GRAB BAR TYPE 6	19	ELECTRIC HAIR DRYER
7	GRAB BAR TYPE 7	20	BABY CHANGING STATION
8	GRAB BAR TYPE 8	21	WASTE RECEPTACLE
9	TOILET PAPER DISPENSER (TYPICAL EACH STALL)	22	FOLDING SHOWER SEAT
10	SANITARY NAPKIN DISPOSAL (TYPICAL EACH WOMEN'S STALL)	23	SHOWER CURTAIN AND ROD
11	TOWEL DISPENSER	24	TOWEL HOOK
12	TOWEL DISPENSER AND WASTE RECEPTACLE	25	TOWEL HOOK STRIP
13	SOAP DISPENSER	26	MOP RACK AND SHELF

 EDIT LIST AND LEGEND SUB TITLE AS REQUIRED

 ADD SUBSEQUENT NUMBERED ITEM FOR EACH SIZE OR TYPE

 VARIATION. ADD MOUNTING HEIGHTS IF APPLICABLE

 AND/OR IF NOT SHOWN ON AR.0

 COORDINATE WITH SPECIFICATIONS

Standard Detail

LEGEND

ACCESSORIES, EQUIPMENT AND FURNISHINGS

TKBD-1	10 1100 FULLY WRAPPED TACKBOARD (X'-X"W x X'-X"H)	WBR-1	10 2600 WALL BUMPER RAIL
TKBD-2	10 1100 FRAMED TACKBOARD (X'-X"W x X'-X"H)	PVW-1	10 2600 PROTECTIVE VINYL WALL COVERING (X"H)
CHBD-1	10 1100 CHALKBOARD (X'-X"W x X'-X"H)	PS-1	11 5213 WALL MOUNTED PROJECTION SCREEN (X"W x X"H)
MKBD-1	10 1100 MARKERBOARD (X'-X"W x X'-X"H)	PS-2	11 5213 RECESSED PROJECTION SCREEN (X"W x X"H)
TKSP-1	10 1100 TACK STRIP (X'-X"L)	HORIZB-1	12 2113 HORIZONTAL BLINDS (X'-X"W x X'-X"H)
CG-1	10 2600 SURFACE MOUNTED CORNER GUARD (X'-X"H)	VERTB-1	12 2113 VERTICAL BLINDS (X'-X"W x X'-X"H)
CG-2	10 2600 RECESSED MOUNTED CORNER GUARD (X'-X"H)	RSD-1	12 2413 ROLLER SHADE (X'-X"W x X'-X"H)

EDIT AND REVISE LOCKER TYPE AND/OR SIZE AS REQ'D

COORDINATE WITH SPECIFICATIONS

Standard Detail

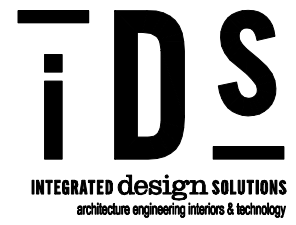
LEGEND

ATHLETIC LOCKER TYPES

NOTE: NOT ALL SYMBOLS MAY BE USED

10506 SOLID PLASTIC LOCKERS -
12"x15"x60" SINGLE TIER10506 SOLID PLASTIC LOCKERS -
12"x15"x30" DOUBLE TIER10 5113 METAL LOCKERS -
12"x15"x30" DOUBLE TIER10 5113 METAL LOCKERS -
15"x15"x30" DOUBLE TIERDENOTES BARRIER FREE LOCKER
REFER TO SPECIFICATIONS FOR
ADDITIONAL INFORMATION

Notes / Instructions



Standard Detail

KEYNOTES

NOTE: NOT ALL KEYNOTES MAY BE USED



X

Cell Library

ARCH01.CEL

Cell Name

01420

Date

2019

Detail Number

01-420

 ADD AND/OR EDIT GENERAL NOTES AS REQUIRED

Standard Detail

GENERAL NOTES

DEMOLITION PLAN

- A ALL DEMOLITION WORK REQUIRED IS NOT NECESSARILY LIMITED TO WHAT IS SHOWN ON THE DEMOLITION PLANS. THE INTENT IS TO REMOVE ALL MECHANICAL, ELECTRICAL, AND ARCHITECTURAL ITEMS AS REQUIRED TO FACILITATE NEW CONSTRUCTION
- B CONTRACTOR SHALL PROVIDE TEMPORARY DUSTPROOF PARTITIONS WITH DOORS AT LOCATIONS INDICATED AND/OR AS REQUIRED TO ADEQUATELY SEPARATE OCCUPIED AREAS FROM CONSTRUCTION HAZARDS, NOISE AND/OR DUST. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECTS/OWNERS REPRESENTATIVE
- C CONTRACTOR SHALL PROVIDE DUST MATS AT ALL CONSTRUCTION AREAS ENTRANCE AND EXIT LOCATIONS. COORDINATE ALL LOCATIONS WITH ARCHITECTS/OWNERS REPRESENTATIVE
- D CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL MEANS OF EGRESS AND ALL FIRE PROTECTION FEATURES FOR PORTIONS OF THE BUILDING THAT REMAIN OCCUPIED DURING CONSTRUCTION
- E COORDINATE SCOPE AND EXTENT OF DEMOLITION WORK WITH NEW WORK PLANS AND DETAILS
- F REFER TO MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION

ADD AND/OR EDIT GENERAL NOTES AS REQUIRED

NOMENCLATE DRAWING NUMBER(S) FOR LOCATION

OF DOOR AND ROOM FINISH SCHEDULES

LAST TWO NOTES ARE FOR RENOVATION PROJECTS ONLY

Standard Detail

GENERAL NOTES

FLOOR PLAN

- A REFER TO DRAWING AX.X FOR DOOR SCHEDULE AND COLORS
- B REFER TO DRAWING AX.X FOR ROOM FINISH SCHEDULE & COLORS
- C COORDINATE SIZE AND LOCATION OF ALL ACCESS DOORS WITH TRADE REQUIRING SAME. QUANTITIES SHOWN DO NOT NECESSARILY REPRESENT ALL ACCESS DOORS REQUIRED FOR ACCESSIBILITY
- D PROVIDE POSITIVE SLOPE TO ALL FLOOR DRAINS WHILE KEEPING FLOOR LEVEL AT WALL BASE CONDITION
- E PARTIAL WALL POCHING IS SHOWN THROUGHOUT THIS PLAN AND THE TERMINATION OF THE SAME SHALL NOT BE CONSTRUED TO REPRESENT A CHANGE IN WALL MATERIAL. VERIFY WALL MATERIALS WITH ROOM FINISH SCHEDULE
- F PATCH AND/OR REPAIR ALL EXISTING FLOOR, WALL AND/OR CEILING FINISHES AS REQUIRED TO MATCH EXISTING OR TO ACCEPT NEW FINISHES AS SCHEDULED AT ALL AREAS AFFECTED BY DEMOLITION WORK. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL SCOPE OF WORK
- G INFILL ALL OPENINGS IN EXISTING WALLS ABOVE CEILINGS THAT ARE THE RESULT OF MECHANICAL OR ELECTRICAL DEMOLITION. OPENINGS IN MASONRY WALLS SHALL BE FILLED WITH MASONRY OF SIMILIAR TYPES AND THICKENESSES AS EXISTING. OPENINGS LESS THAN 16 SQ INCHES MAY BE GROUT FILLED FLUSH WITH WALL SURFACES. OPENINGS IN OTHER TYPES OF WALL CONSTRUCTION SHALL MATCH EXISTING MATERIALS, FINISHES AND WALL THICKNESSES. REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF WORK

ADD AND/OR EDIT GENERAL NOTES AS REQUIRED

ADD CEILING HEIGHT TO NOTES

Standard Detail

GENERAL NOTES

REFLECTED CEILING PLAN

- A CEILING HEIGHT XXX'-XX" AFF UNLESS OTHERWISE NOTED
- B ACOUSTICAL CEILING PANELS AND/OR TILES SHALL BE CENTERED WITHIN THE ROOM OR BORDER UNLESS OTHERWISE NOTED
- C REFER TO FLOOR PLANS FOR PARTITION TYPE IDENTIFICATION
- D COORDINATE SIZE AND LOCATION OF ALL ACCESS DOORS WITH TRADE REQUIRING SAME. QUANTITIES SHOWN DO NOT NECESSARILY REPRESENT ALL ACCESS DOORS REQUIRED FOR ACCESSIBILITY
- E COORDINATE CEILING SUSPENSION SYSTEMS WITH OTHER CEILING SPACE EQUIPMENT SUPPORTING DEVICES
- F UNLESS OTHERWISE NOTED LOCATION OF ITEMS SHOWN IN AREAS WITHOUT FINISH CEILINGS IS APPROXIMATE. COORDINATE EXACT LOCATION BETWEEN TRADES

ADD AND/OR EDIT GENERAL NOTES AS REQUIRED

ADD DRAWING REFERENCE FOR TYPICAL ROOFING DETAILS

Standard Detail

GENERAL NOTES

ROOF PLAN

- A REFER TO DRAWING AX.X FOR TYPICAL ROOFING DETAILS
- B COORDINATE SIZE AND LOCATION OF ALL EQUIPMENT SUPPORTS WITH INFORMATION PROVIDED BY THE APPROPRIATE EQUIPMENT MANUFACTURER AND TRADE CONTRACTOR
- C REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR ALL PIPES, CURBS, VENTS, DUCTS, CONDUITS, LIGHTNING PROTECTION AND OTHER FEATURES EXTENDING THROUGH ROOF SURFACES WHICH REQUIRE FLASHING AND COORDINATE SIZE AND LOCATION OF THE SAME
- D PROVIDE POSITIVE SLOPE TO ALL ROOF DRAINS
- E VERIFY EXACT LOCATIONS OF ROOFING CONTROL JOINTS (IF REQUIRED) WITH ROOFING MANUFACTURER

USE FOR LABORATORY OR MEDICAL FACILITIES

ADD AND/OR EDIT GENERAL NOTES AS REQUIRED

FILL-IN WALL MOUNTED CABINET MOUNTING HEIGHTS

Standard Detail

GENERAL NOTES

EQUIPMENT AND CASEWORK PLAN

- A ALL WALL MOUNTED CABINETS ARE TO BE MOUNTED XX'-X" AFF TO TOP UNLESS OTHERWISE NOTED
- B COORDINATE THE INTERFACING OF ALL TRADES WITH RESPECT TO DELIVERY AND INSTALLATION OF ALL FIXTURES AND EQUIPMENT
- C CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BEFORE INSTALLATION. CONSULT WITH ARCHITECT'S/OWNER'S REPRESENTATIVE WHEN ACTUAL FIELD CONDITIONS VARY FROM THOSE SHOWN ON THE CONTRACT DOCUMENTS
- D COORDINATE LOCATIONS OF ALL REQUIRED UTILITIES WITH THE TRADE PROVIDING SAME. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- E ALL TALL CASES ARE TO BE FASTENED TO THE ADJOINING WALL THROUGH THE BACK OR SIDE OF THE UNIT
- F ALL LABORATORY COUNTERTOPS INSTALLED AGAINST A WALL, PILASTER OR FUME HOOD ARE TO HAVE A 4" HIGH BACKSPLASH AND SIDE SPLASHES UON
- G FINISH EXPOSED ENDS AND/OR BACKS OF ALL FREESTANDING CASEWORK

Notes / Instructions
USE FOR ALL MICHIGAN HEALTH CARE FACILITIES (OTHER
THAN UMH). K-12 SCHOOLS. COLLEGE AND UNIVERSITY
PROJECTS. ITEM B INCLUDES REQUIREMENTS OF OFFICE OF
FIRE SAFETY POLICY NO 2-3
INCLUDE STANDARD DETAIL 02-002 AND ADD DETAIL
REFERENCED TO ITEM B
ADD GENERAL NOTES AS REQUIRED

GENERAL NOTES

DEMOLITION PLAN

- A ALL DEMOLITION WORK REQUIRED IS NOT NECESSARILY LIMITED TO WHAT IS SHOWN ON THE DEMOLITION PLANS. THE INTENT IS TO REMOVE ALL MECHANICAL, ELECTRICAL, AND ARCHITECTURAL ITEMS AS REQUIRED TO FACILITATE NEW CONSTRUCTION
- B CONTRACTOR SHALL PROVIDE A ONE HOUR FIRE RATED SEPARATION BETWEEN BUILDINGS OR PORTION OF BUILDINGS OCCUPIED FROM AREAS UNDER CONSTRUCTION, ALTERATIONS OR ADDITIONS. COORDINATE ALL LOCATIONS WITH THE INSPECTING OFFICIAL FROM THE MICHIGAN DEPARTMENT OF FIRE SAFETY AND ARCHITECT'S/ OWNER'S REPRESENTATIVE. REFER TO DET X/AX.X FOR ADDITIONAL INFORMATION
- C CONTRACTOR SHALL PROVIDE DUST MATS AT ALL CONSTRUCTION AREA ENTRANCE AND EXIT LOCATIONS. COORDINATE ALL LOCATIONS WITH ARCHITECT'S/OWNER'S REPRESENTATIVE
- D CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL MEANS OF EGRESS AND ALL FIRE PROTECTION FEATURES FOR PORTIONS OF THE BUILDING THAT REMAIN OCCUPIED DURING CONSTRUCTION
- E COORDINATE SCOPE AND EXTENT OF DEMOLITION WORK WITH NEW WORK PLANS AND DETAILS
- F REFER TO MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION

KEYNOTES

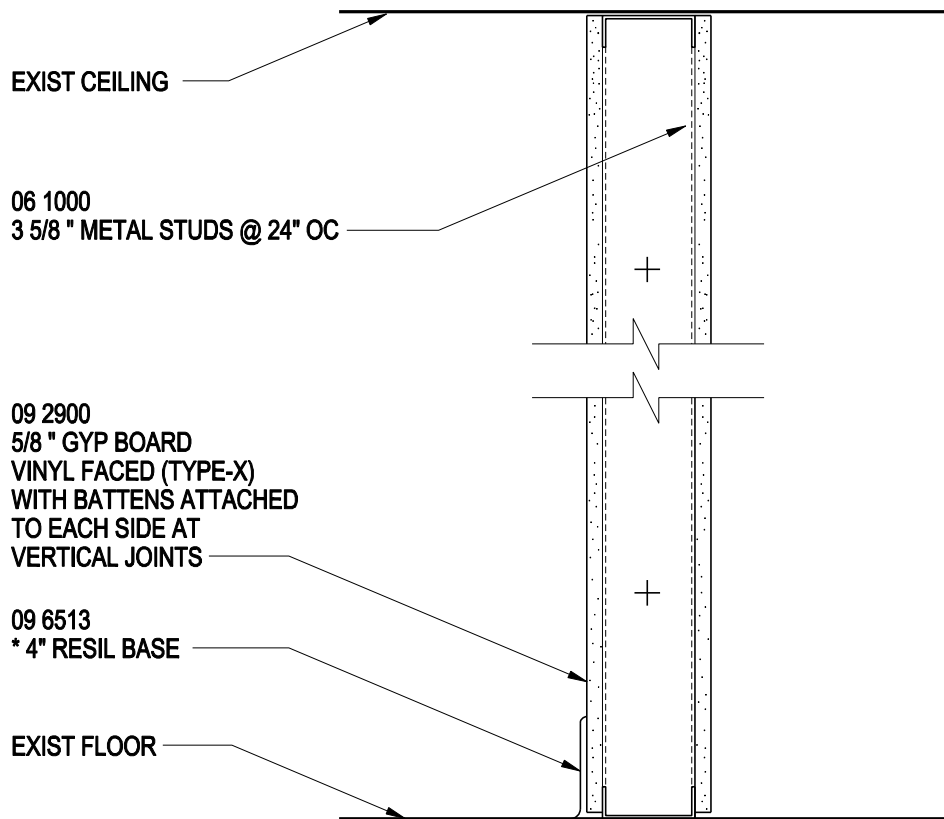
DEMOLITION

NOTE: NOT ALL KEYNOTES MAY BE USED

- (D1) REMOVE PORTION OF GYPSUM BOARD / METAL STUD PARTITION. COORDINATE WITH NEW WORK PLANS
- (D2) REMOVE GYPSUM BOARD / METAL STUD PARTITION TO UNDERSIDE OF STRUCTURE
- (D3) REMOVE PORTION OF MASONRY WALL. COORDINATE WITH NEW WORK PLANS
- (D4) REMOVE MASONRY WALL TO UNDERSIDE OF STRUCTURE
- (D5) REMOVE ACOUSTICAL CEILING PANELS, GRID AND SUSPENSION SYSTEM
- (D6) REMOVE GYPSUM BOARD / METAL STUD CEILING AND/OR CEILING DROP AND SUSPENSION SYSTEM
- (D7) REMOVE CARPET, BASE AND ADHESIVE DOWN TO TOP OF STRUCTURAL SLAB
- (D8) REMOVE VCT / LINOLEUM FLOORING, BASE AND ADHESIVE DOWN TO TOP OF STRUCTURAL SLAB
- (D9) REMOVE CERAMIC TILE, TILE BASE, MARBLE SILL AND MORTAR BED DOWN TO TOP OF STRUCTURAL SLAB
- (D10) REMOVE DOOR, FRAME AND SILL IN ITS ENTIRETY
- (D11) REMOVE BASE CABINETS, COUNTERTOP, BACKSPLASH AND/OR WALL MOUNTED CABINETS IN THEIR ENTIRETY
- (D12) REMOVE TOILET PARTITIONS AND ACCESSORIES: MIRROR, SOAP DISPENSER, TOILET PAPER DISPENSER, TOILET PAPER HOLDER, GRAB BARS, SHELVES, DOORSTOPS, BABY CHANGING STATIONS ETC...
- (D13) REMOVE MARKERBOARD / TACKBOARD / WHITEBOARD IN ITS ENTIRETY
- (D14) REMOVE SHELVING AND STANDARDS IN ITS ENTIRETY

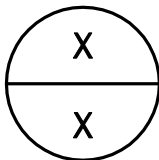
CUT DETAIL AND INDICATE LOCATIONS ON
DEMOLITION FLOOR PLANS.
MEETS UMH STANDARDS

Standard Detail



* AT PARTITIONS ON PUBLIC SIDE ONLY

TEMPORARY PARTITIONS TO BE ADEQUATELY SECURED AND SEALED TO FLOOR, WALL AND/OR CEILING WITHOUT DAMAGING FINISHES. PROVIDE HINGED, GASKETED DOOR (MIN 3'-0"x7'-0") 1 HR FIRE RATED DOOR AND FRAME W/POSITIVE LATCHING HARDWARE & CLOSER TO MAINTAIN EGRESS AT ALL TIMES FROM OCCUPIED SPACES AND/OR AS INDICATED OR REQUIRED FOR CONSTRUCTION ACCESS.



DUSTPROOF TEMPORARY PTN

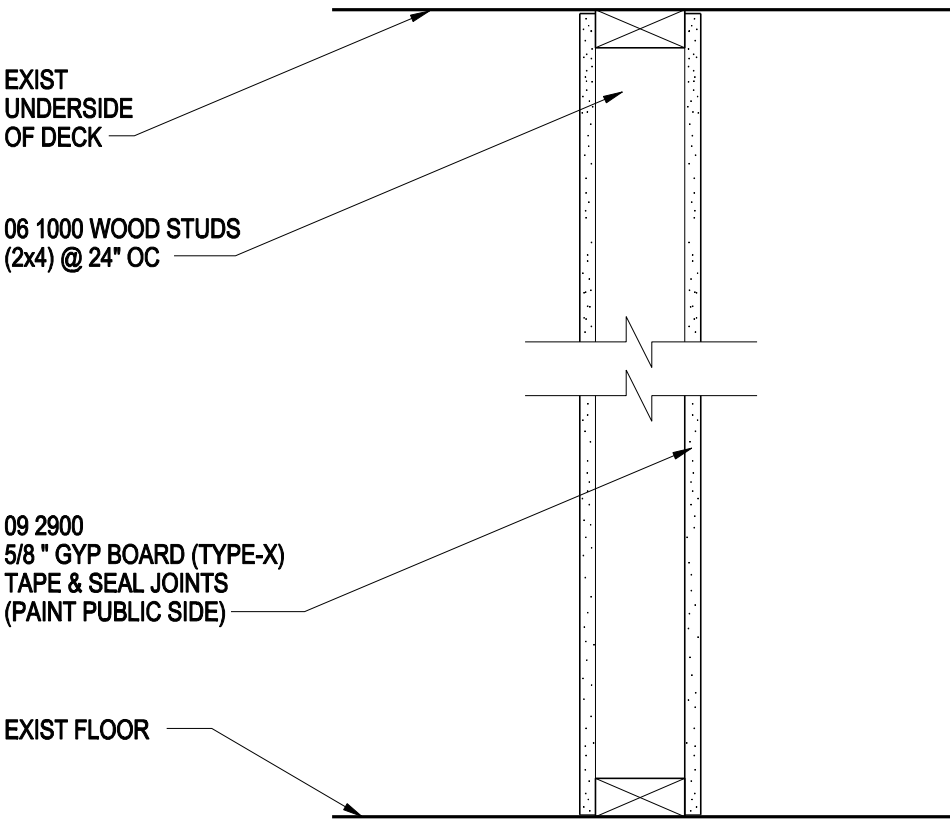
1 HOUR RATED CONSTRUCTION UL DESIGN U405

1 1/2" = 1'-0"

REFER TO SUPPLEMENTAL GENERAL CONDITIONS - "BARRIERS AND BARRICADES"

Notes / Instructions
TO BE USED IN CONJUNCTION WITH DEMOLITION PLAN.
GENERAL NOTES. (STD DET NO 01-601 FOR ALL MICHIGAN
HEALTH CARE FACILITIES OTHER THAN UMH). K-12 SCHOOLS.
COLLEGE AND UNIVERSITY PROJECTS.
MEETS REQUIREMENTS OF OFFICE OF FIRE SAFETY
POLICY NO 2-3

Standard Detail



SEPARATION PARTITIONS TO BE ADEQUATELY SECURED AND SEALED TO FLOOR, WALLS AND UNDERSIDE OF FLOOR OR ROOF DECK. DOOR OPENINGS SHALL BE MINIMUM 3'-0"x7'-0", 20 MINUTE LABELED FIRE DOOR (MINIMUM 1 $\frac{3}{4}$ " THICK SOLID CORE WOOD OR H.M. DOOR) IN H.M. FRAME, WITH DOOR CLOSER. DOOR(S) SHALL BE ADEQUATELY SIZED TO MAINTAIN EGRESS FROM OCCUPIED SPACES AND/OR AS INDICATED OR REQUIRED FOR CONSTRUCTION ACCESS

X

X

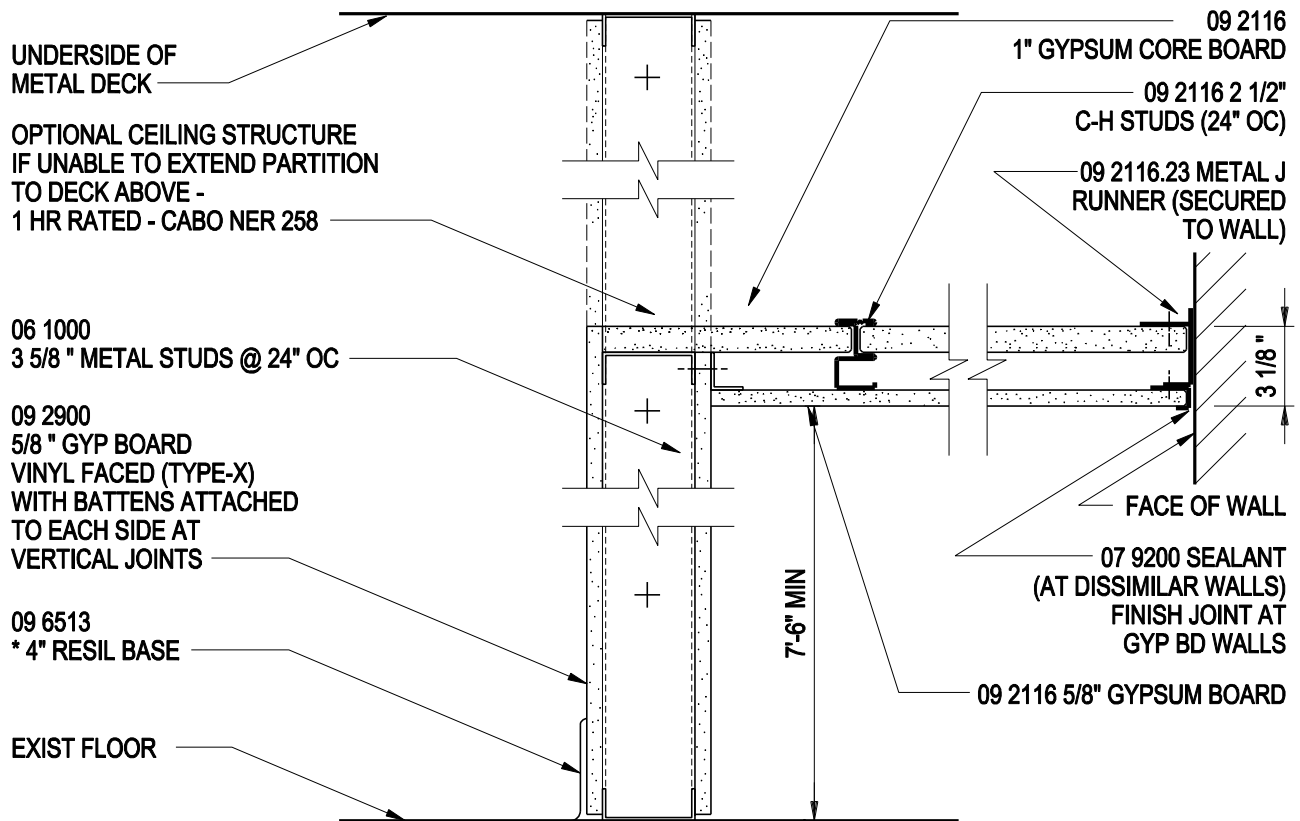
TEMPORARY SEPARATION PTN

1 HOUR RATED-UL DES U309

1 1/2" = 1'-0"

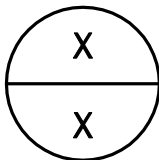
CUT DETAIL AND INDICATE LOCATIONS ON
DEMOLITION FLOOR PLANS.
MEETS UMH STANDARDS

Standard Detail



* AT PARTITIONS ON PUBLIC SIDE ONLY

TEMPORARY PARTITIONS TO BE ADEQUATELY SECURED AND SEALED TO FLOOR, WALL AND/OR CEILING WITHOUT DAMAGING FINISHES. PROVIDE HINGED, GASKETED DOOR (MIN 3'-0"x7'-0") 1 HR FIRE RATED DOOR AND FRAME W/POSITIVE LATCHING HARDWARE & CLOSER TO MAINTAIN EGRESS AT ALL TIMES FROM OCCUPIED SPACES AND/OR AS INDICATED OR REQUIRED FOR CONSTRUCTION ACCESS.



DUSTPROOF TEMPORARY PTN

1 HOUR RATED CONSTRUCTION UL DESIGN U405

1 1/2" = 1'-0"

REFER TO SUPPLEMENTAL GENERAL CONDITIONS - "BARRIERS AND BARRICADES"

NORMALLY PROVIDED BY TRADE REQUIRING SAME

USE FOR PADS 4" OR LESS IN HEIGHT

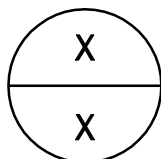
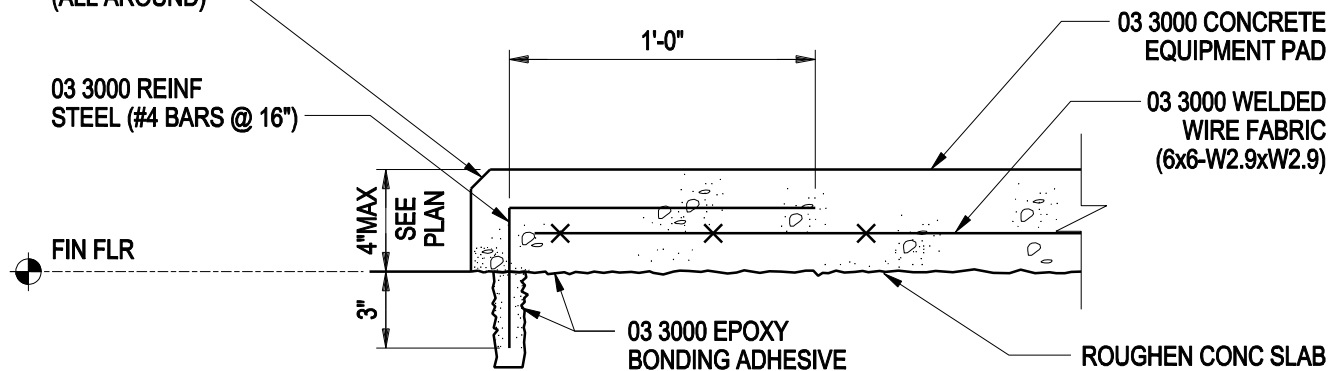
NOMENCLATE PAD THICKNESS ON PLANS

Standard Detail

NOTE: COORDINATE SIZE AND LOCATION OF CONCRETE EQUIPMENT PADS INCLUDING ANCHORING DEVICES W/INFORMATION PROVIDED BY THE APPROPRIATE EQUIPMENT MFR

03 3000 $\frac{3}{4}$ " CHAMFER
(ALL AROUND)

03 3000 REINF
STEEL (#4 BARS @ 16")



CONCRETE EQUIPMENT PAD

1 $\frac{1}{2}$ " = 1'-0"

NORMALLY PROVIDED BY TRADE REQUIRING SAME

USE FOR PADS 4" TO 8" IN HEIGHT

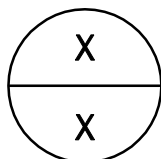
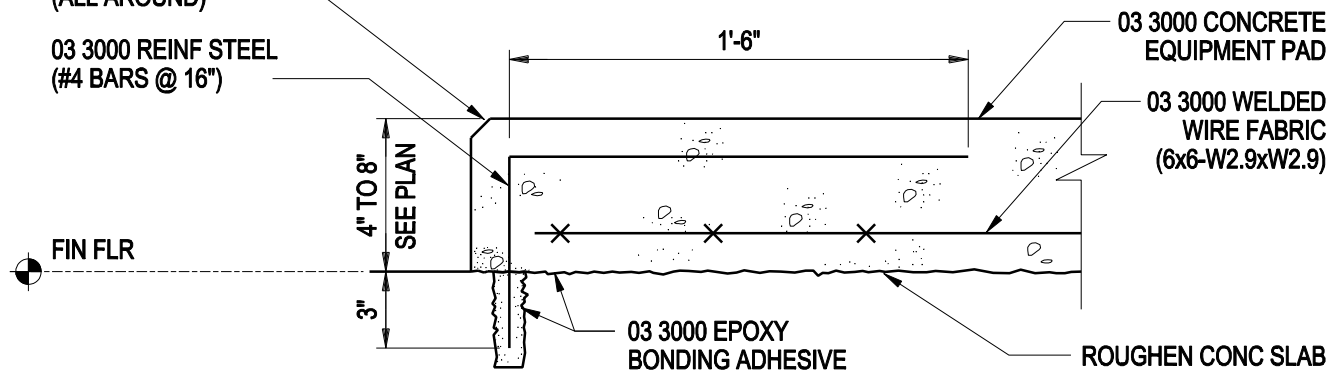
NOMENCLATE PAD THICKNESS ON PLANS

Standard Detail

NOTE: COORDINATE SIZE AND LOCATION OF CONCRETE EQUIPMENT PADS INCLUDING ANCHORING DEVICES W/INFORMATION PROVIDED BY THE APPROPRIATE EQUIPMENT MFR

03 3000 $\frac{3}{4}$ " CHAMFER
(ALL AROUND)

03 3000 REINF STEEL
(#4 BARS @ 16")



CONCRETE EQUIPMENT PAD

1 $\frac{1}{2}$ " = 1'-0"

NORMALLY PROVIDED BY TRADE REQUIRING SAME

USE FOR PADS 8" TO 12" IN HEIGHT

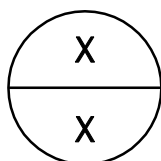
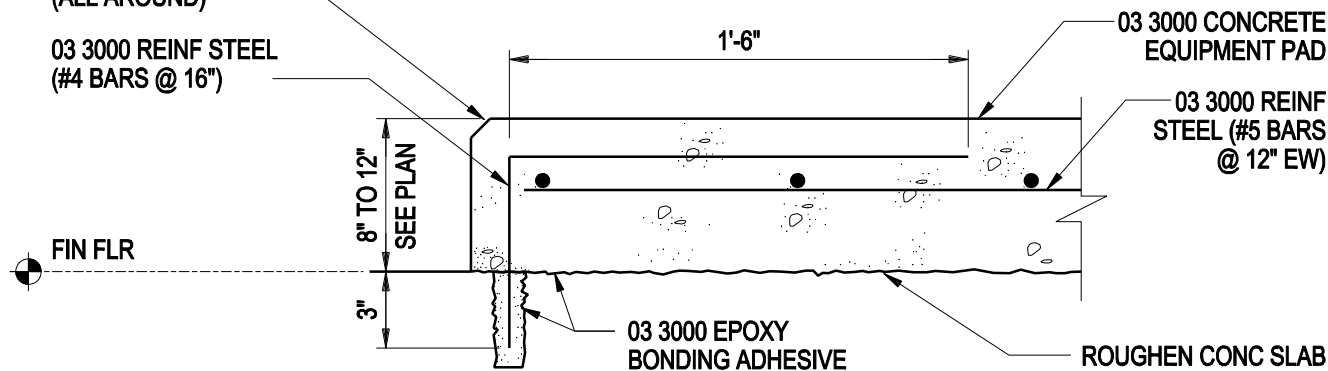
NOMENCLATE PAD THICKNESS ON PLANS

Standard Detail

NOTE: COORDINATE SIZE AND LOCATION OF CONCRETE EQUIPMENT PADS INCLUDING ANCHORING DEVICES W/INFORMATION PROVIDED BY THE APPROPRIATE EQUIPMENT MFR

03 3000 $\frac{3}{4}$ " CHAMFER
(ALL AROUND)

03 3000 REINF STEEL
(#4 BARS @ 16")



CONCRETE EQUIPMENT PAD

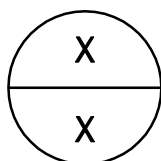
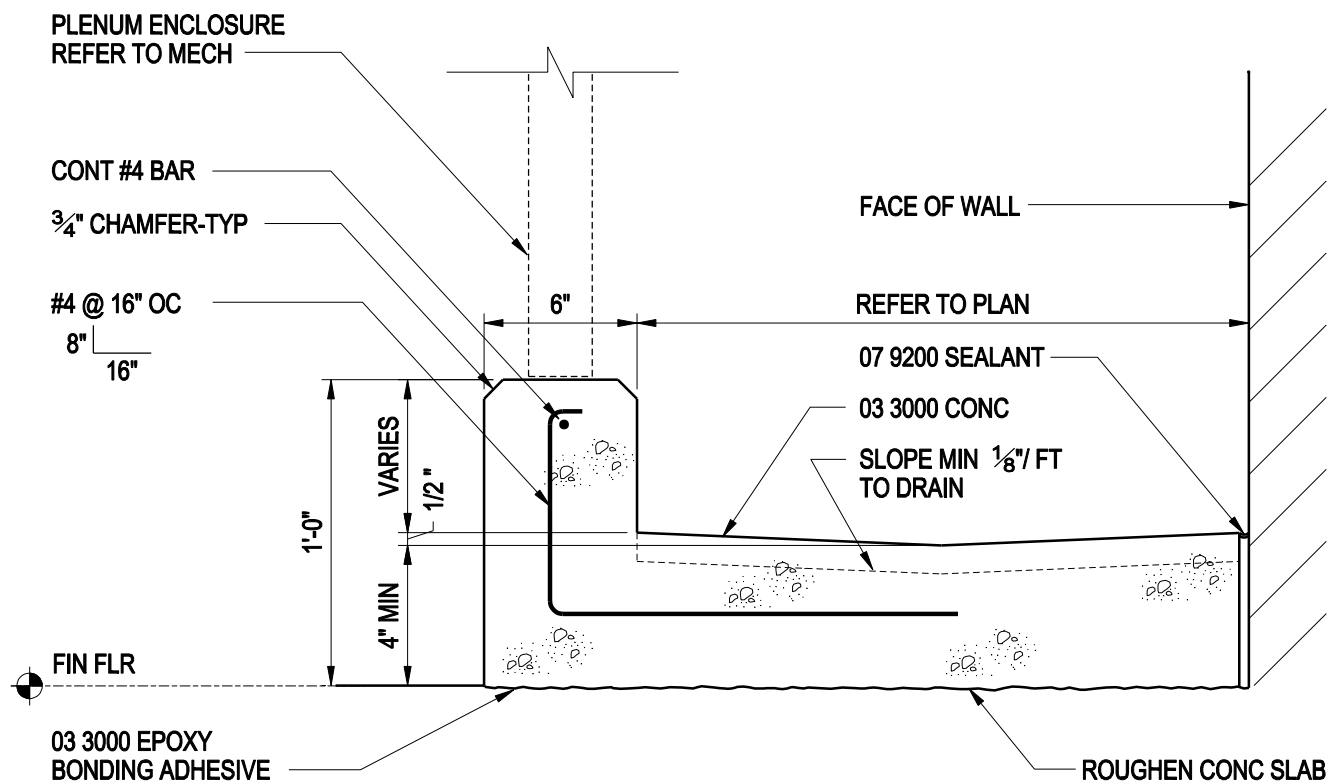
1 $\frac{1}{2}$ " = 1'-0"

USE WHEN DRAINAGE IS REQUIRED

VERIFY DIMENSIONS WITH MECH REQUIREMENTS

ADD TRAFFIC TOPPING AT ABOVE GRADE CONDITIONS

Standard Detail



MECHANICAL PLENUM CURB

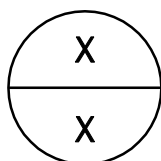
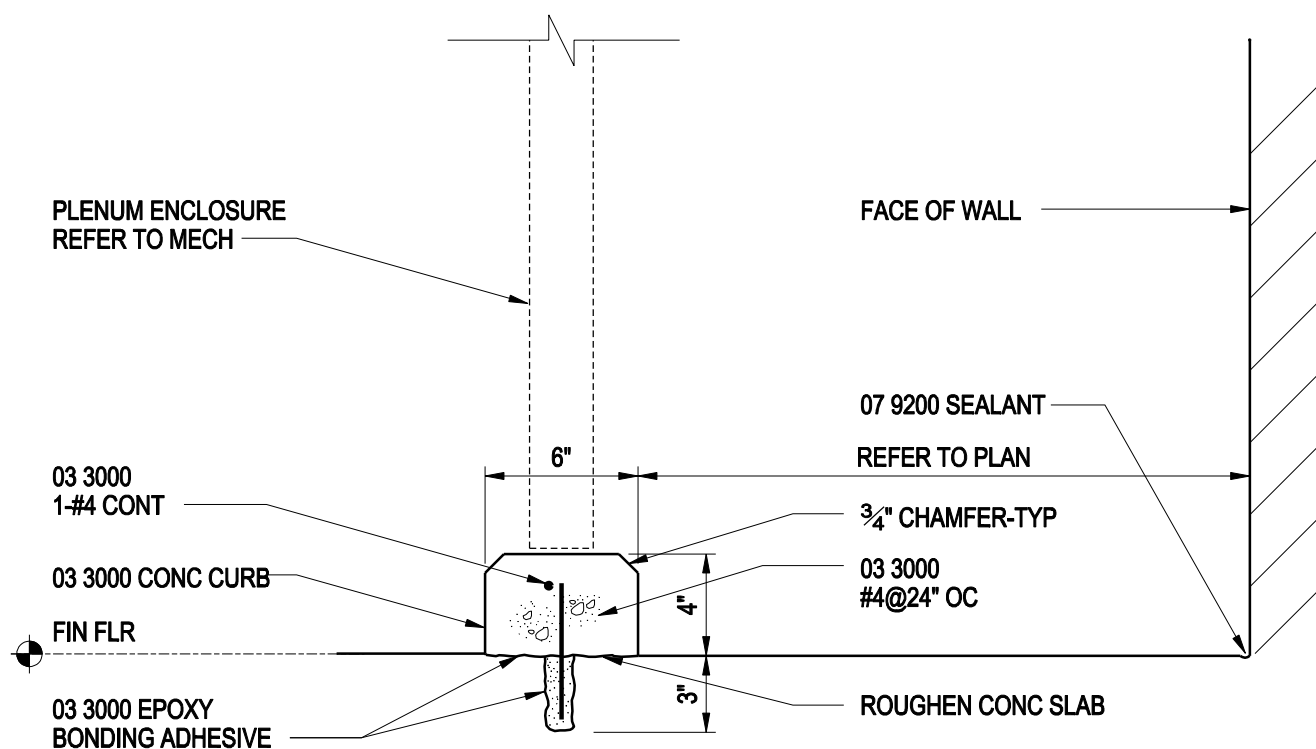
1 1/2" = 1'-0"

USE WHEN DRAINAGE IS NOT REQUIRED

VERIFY DIMENSIONS WITH MECH REQUIREMENTS

ADD TRAFFIC TOPPING AT ABOVE GRADE CONDITIONS

Standard Detail



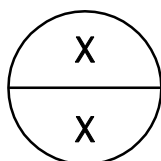
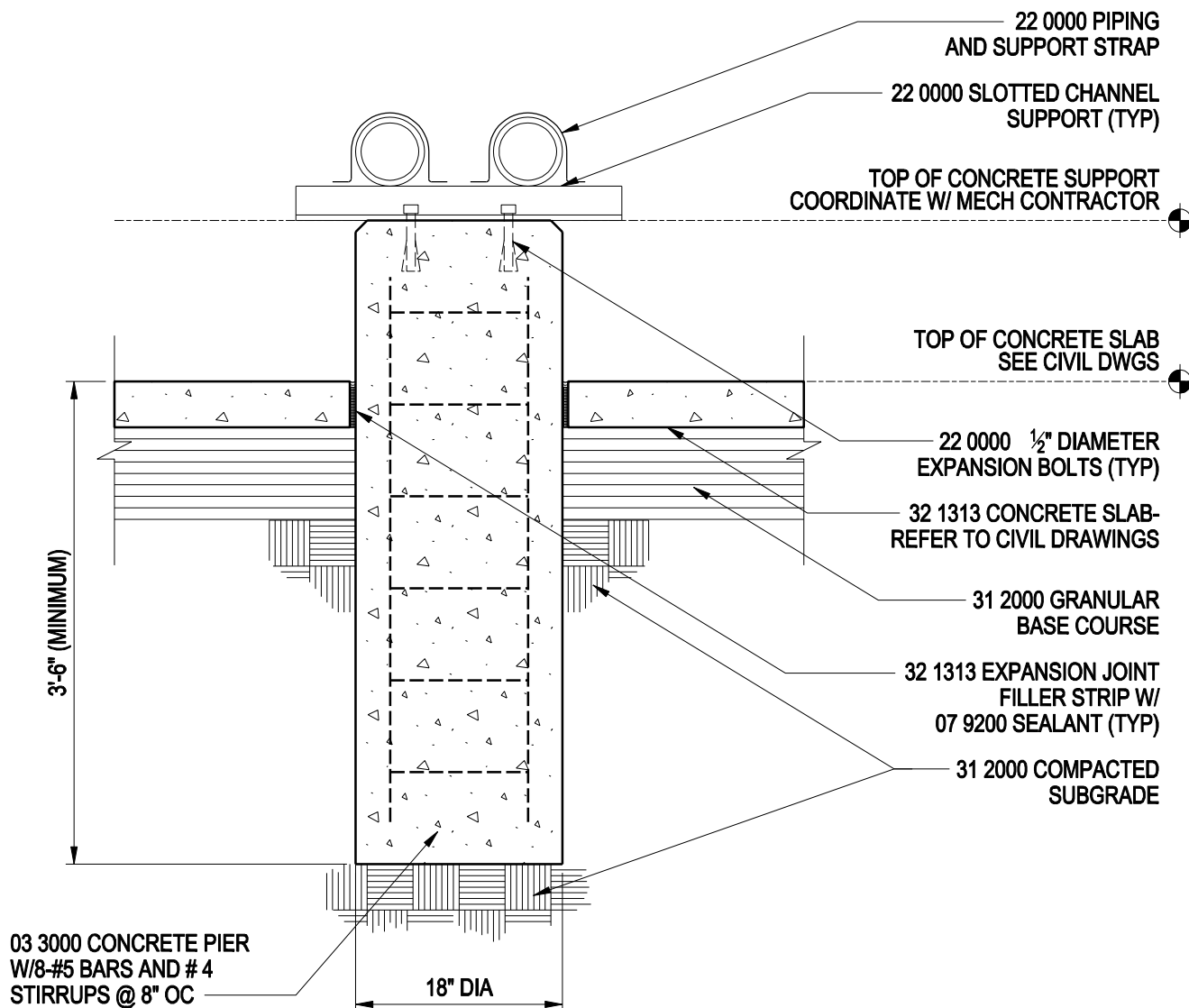
MECHANICAL PLENUM CURB

1 1/2" = 1'-0"

COORDINATE W/MECHANICAL AND CIVIL

SHOW AND DIMENSION LOCATION (S) ON PLANS

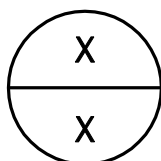
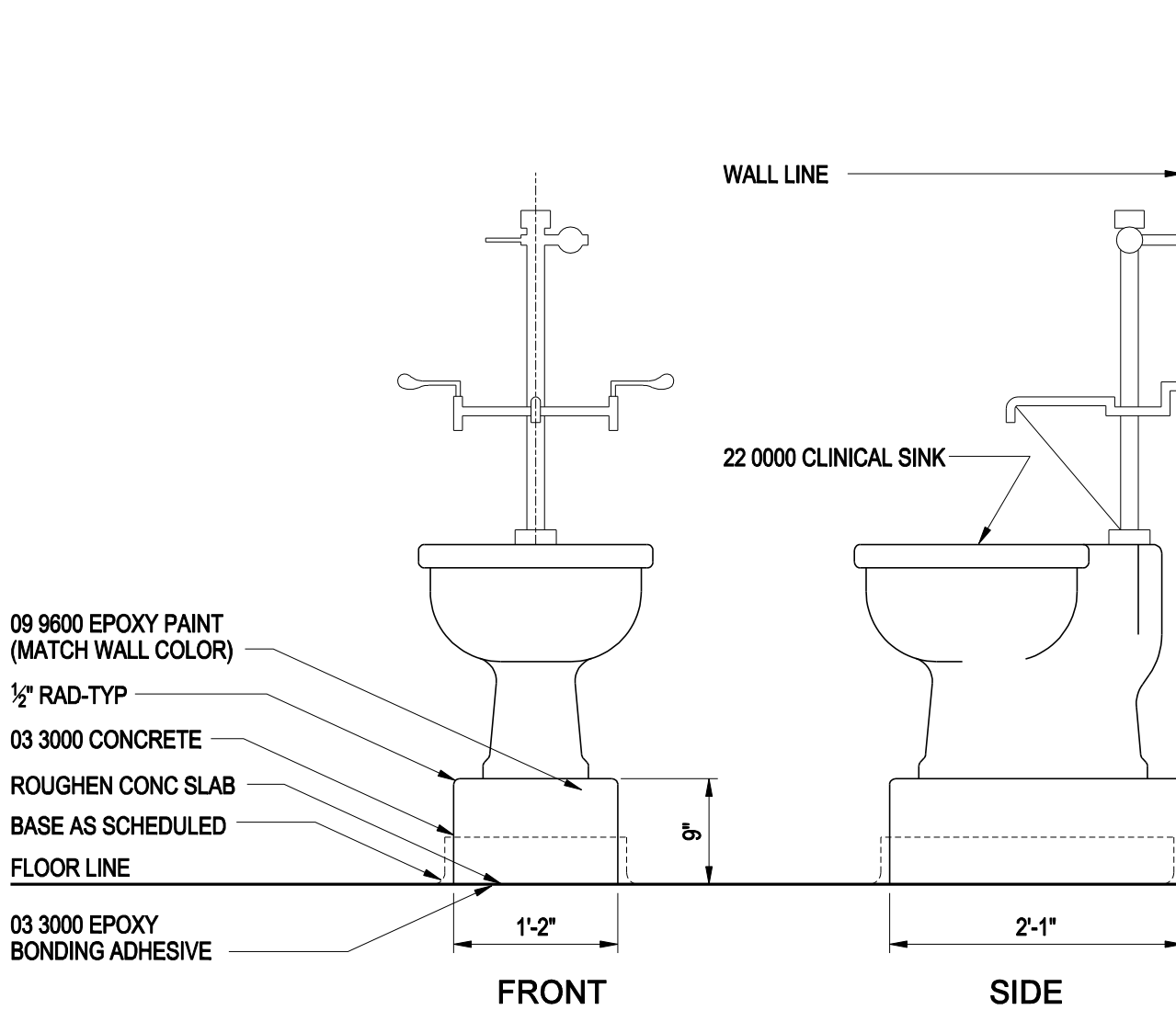
Standard Detail



PIPE SUPPORT PIER

 $\frac{3}{4}" = 1'-0"$

Standard Detail



CONC BASE - CLINICAL SINK

FOR INTERIOR OR EXTERIOR USE

TREAD MATERIAL REQUIRED TO BE NON-SLIP

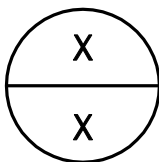
Standard Detail

STAIR TREAD AND
RISER FINISH AS SCHEDULED

1/2" RADIUS-TYP

03 3000 CONCRETE STAIR
OR 03 4100 PRECAST
CONCRETE STAIR

PROVIDE NON-SLIP
BROOM FINISH WHERE
NO TREAD FINISH
IS SCHEDULED



NOSING DETAIL

6" = 1'-0"

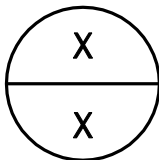
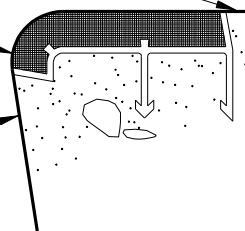
EXPOSED CONCRETE STAIR FOR EXTERIOR OR INTERIOR USE

Standard Detail

CONCRETE STAIR TREADS
AND RISERS

05 5000 EXTRUDED
ABRASIVE NOSING

03 3000 CONCRETE STAIR
OR 03 4100 PRECAST
CONCRETE STAIR

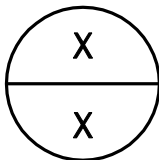
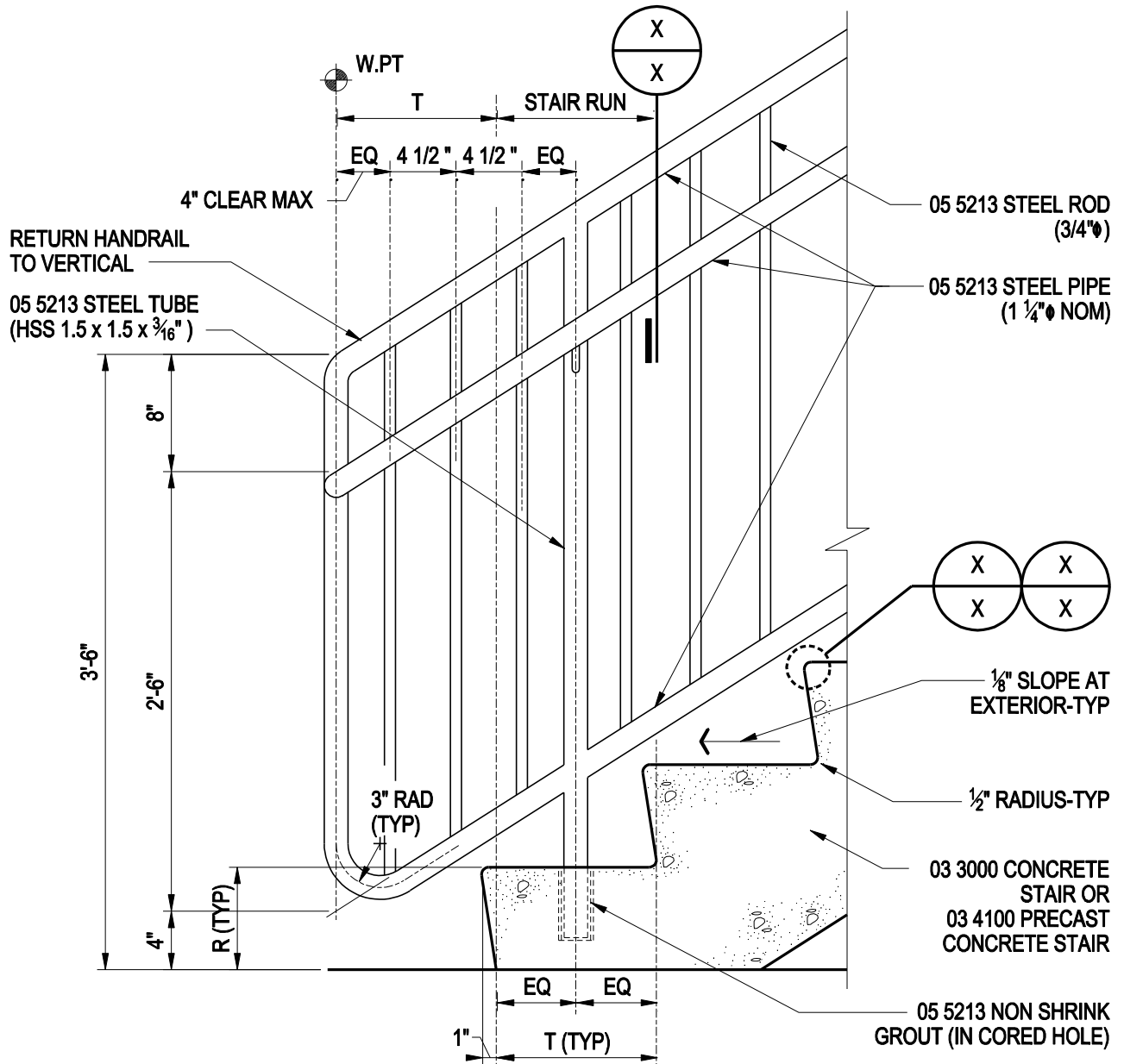


NOSING DETAIL - CONCRETE

6" = 1'-0"

REFERENCE NOSING DETAIL 03-201 OR 03-202 AND
 HANDRAIL BRACKET 05-322. TYPICAL HANDRAIL W/
 GUARDRAIL MEETS 2003 MBC AND 1997 NFPA FOR OPEN
 SIDED STAIRS MORE THAN 30" ABOVE THE FLOOR OR
 GRADE BELOW. MAX POST SPACING = 5'-0" OC

Standard Detail



STAIR AT LOWEST FLOOR

1"=1'-0"

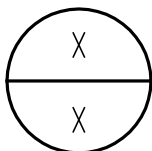
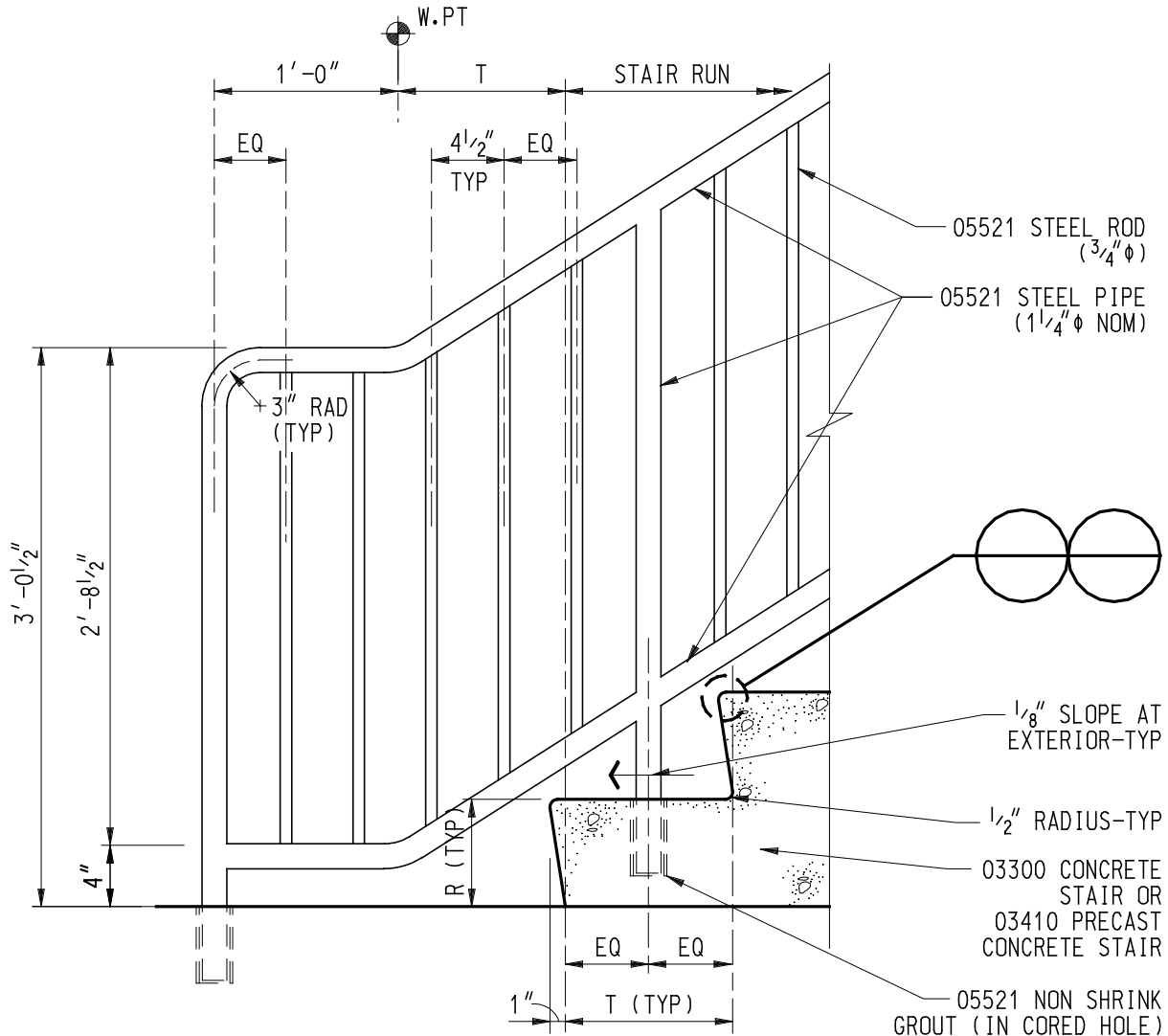


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

LOWEST FLOOR CONDITION W/O WALL MOUNTED HANDRAIL -
REVIEW RISER/TREAD SIZES AND RELATIONSHIPS WITH
APPLICABLE CODES - REFERENCE NOSING DETAIL(S) -
TYPICAL HANDRAIL (1990 BOCA) -
MAXIMUM POST SPACING = 5'-0"



STAIR AT LOWEST FLOOR

1" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH03.CEL

Cell Name

03422

Date

18-SEP-00

Department

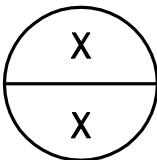
Architecture

Detail No.

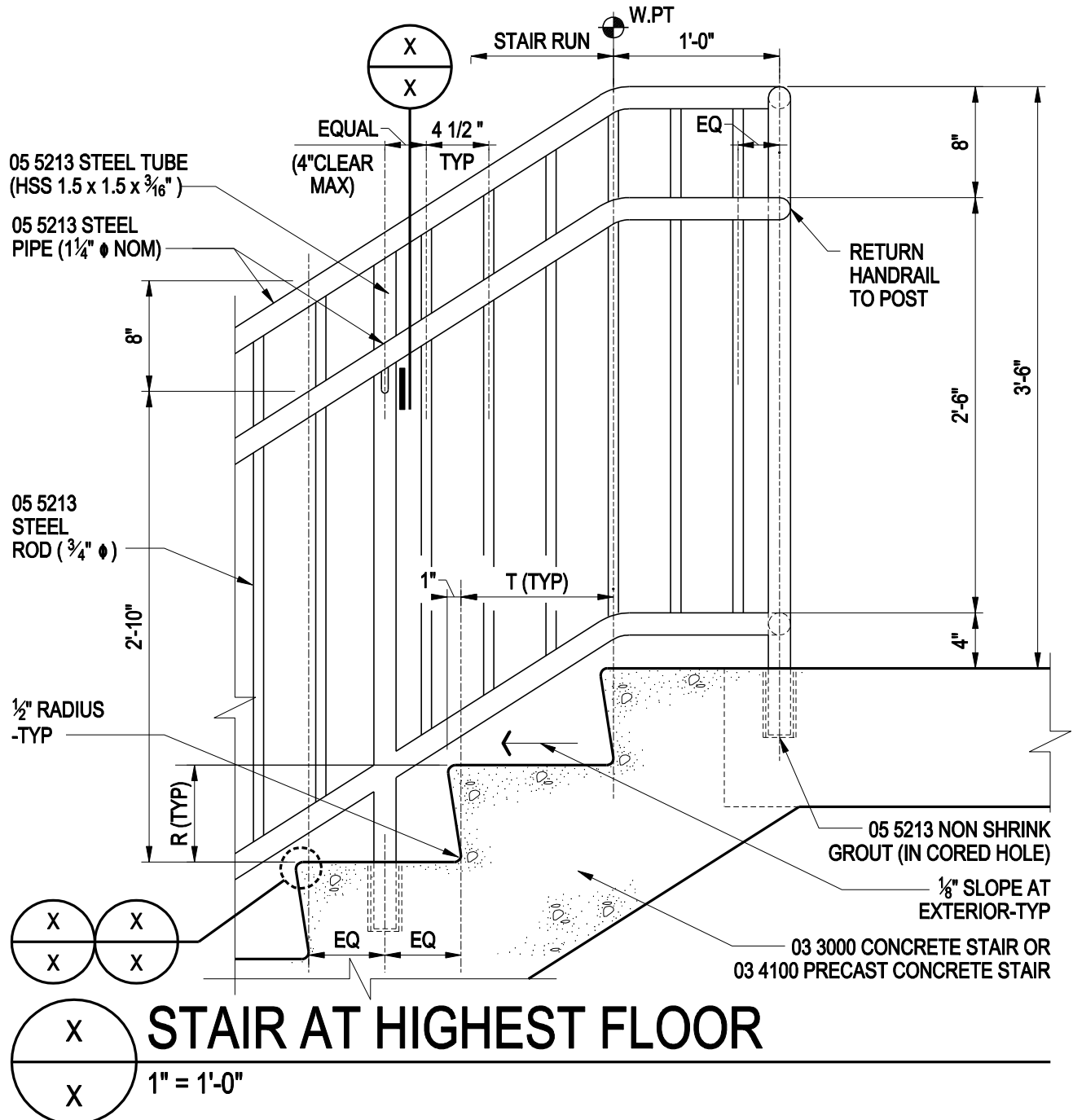
03-422

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Standard Detail



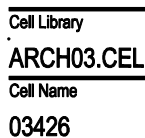
Standard Detail



Standard Detail



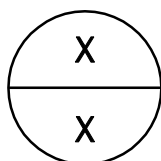
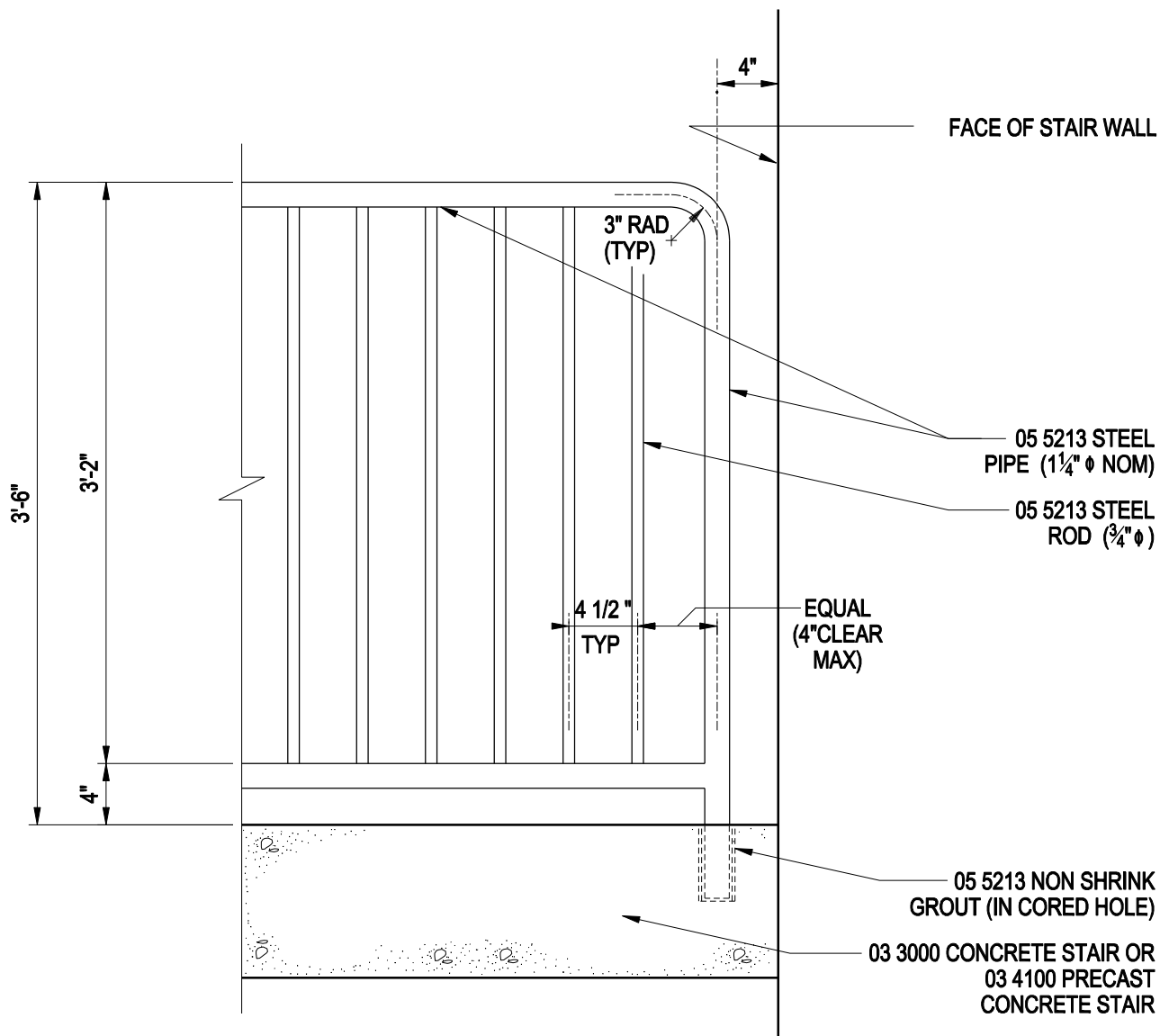
Standard Detail



MEETS 2003 MBC AND 1997 NFPA

MAX POST SPACING = 5'-0" OC

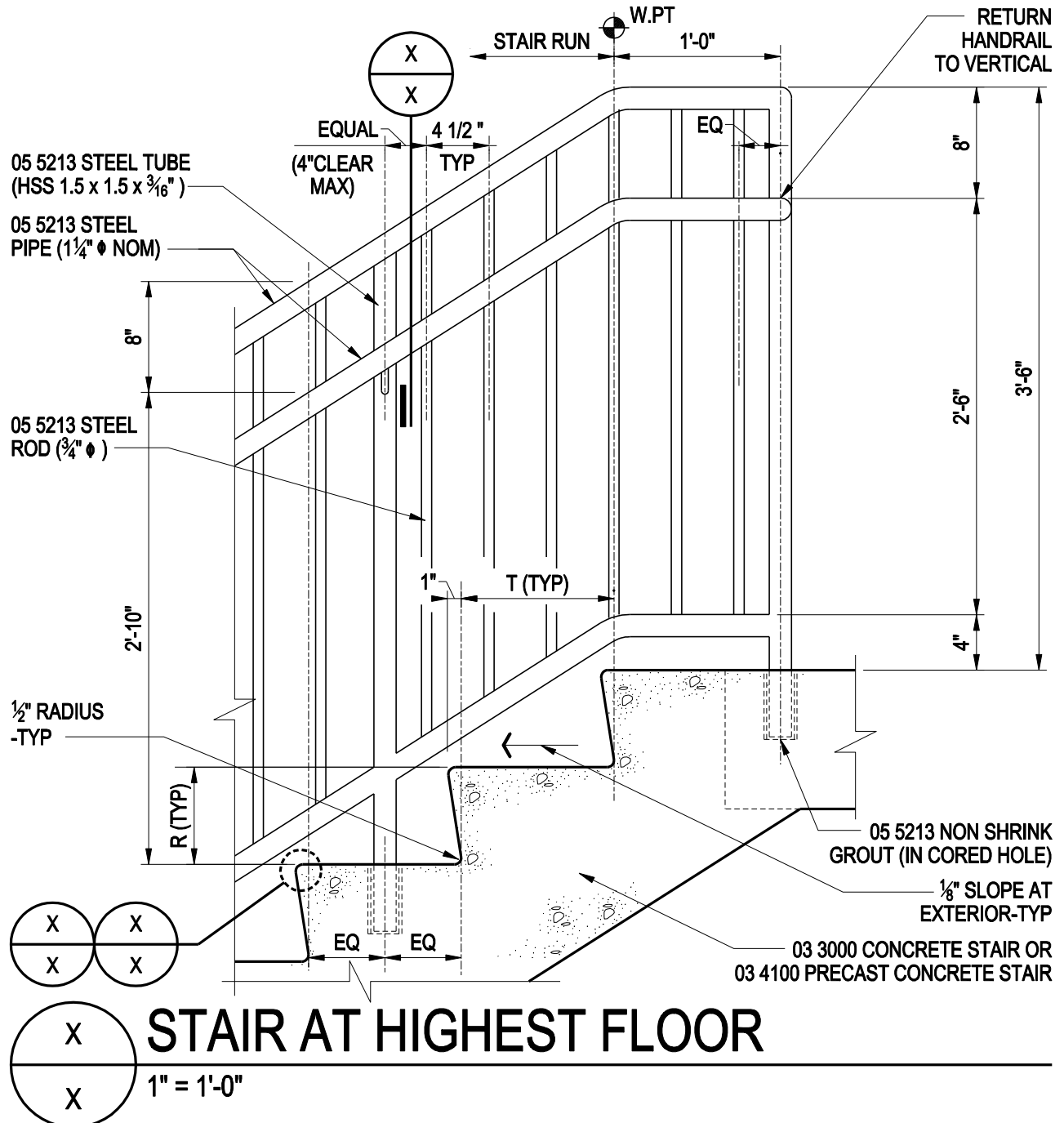
Standard Detail



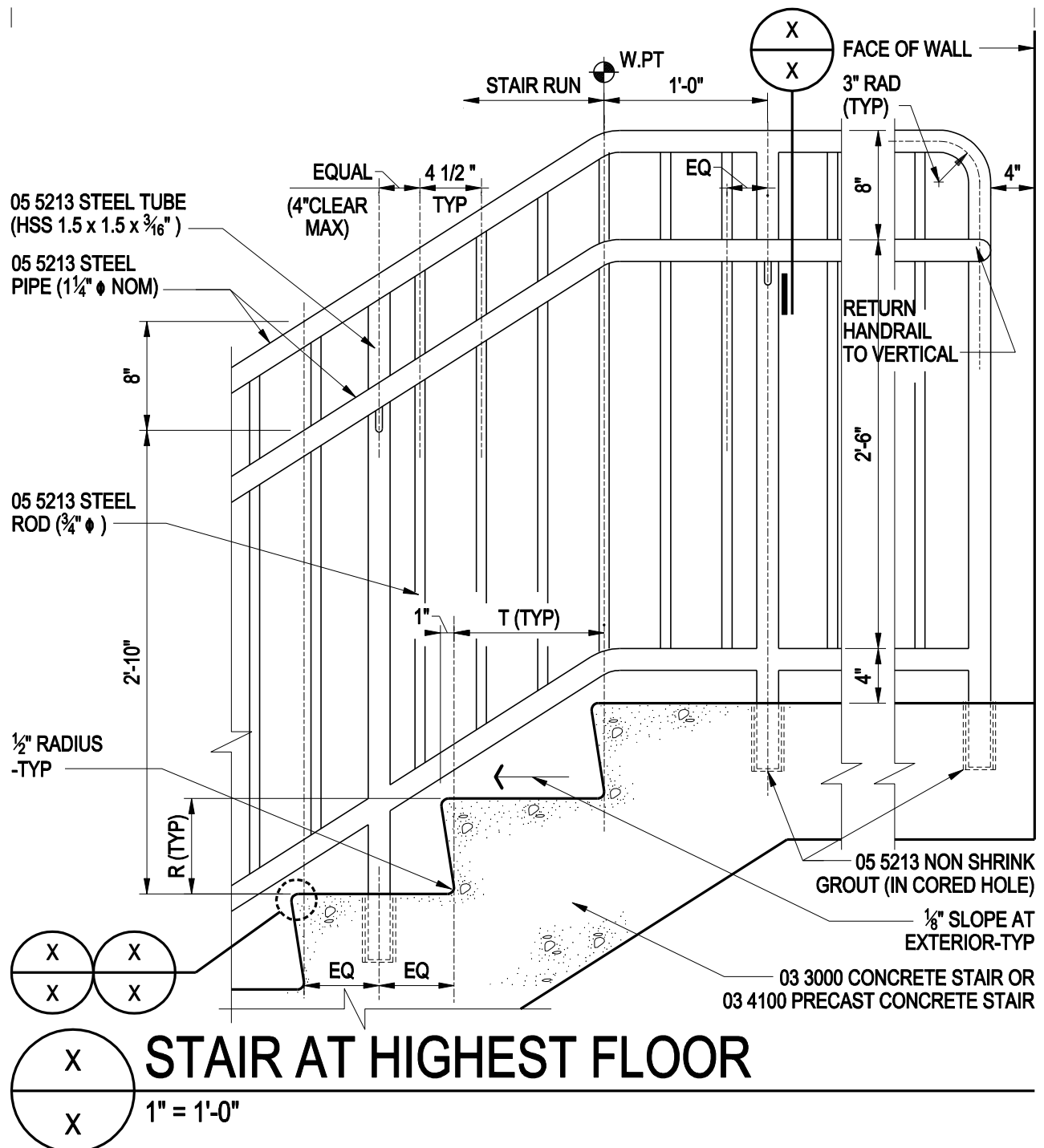
GUARDRAIL AT LANDING

1" = 1'-0"

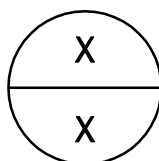
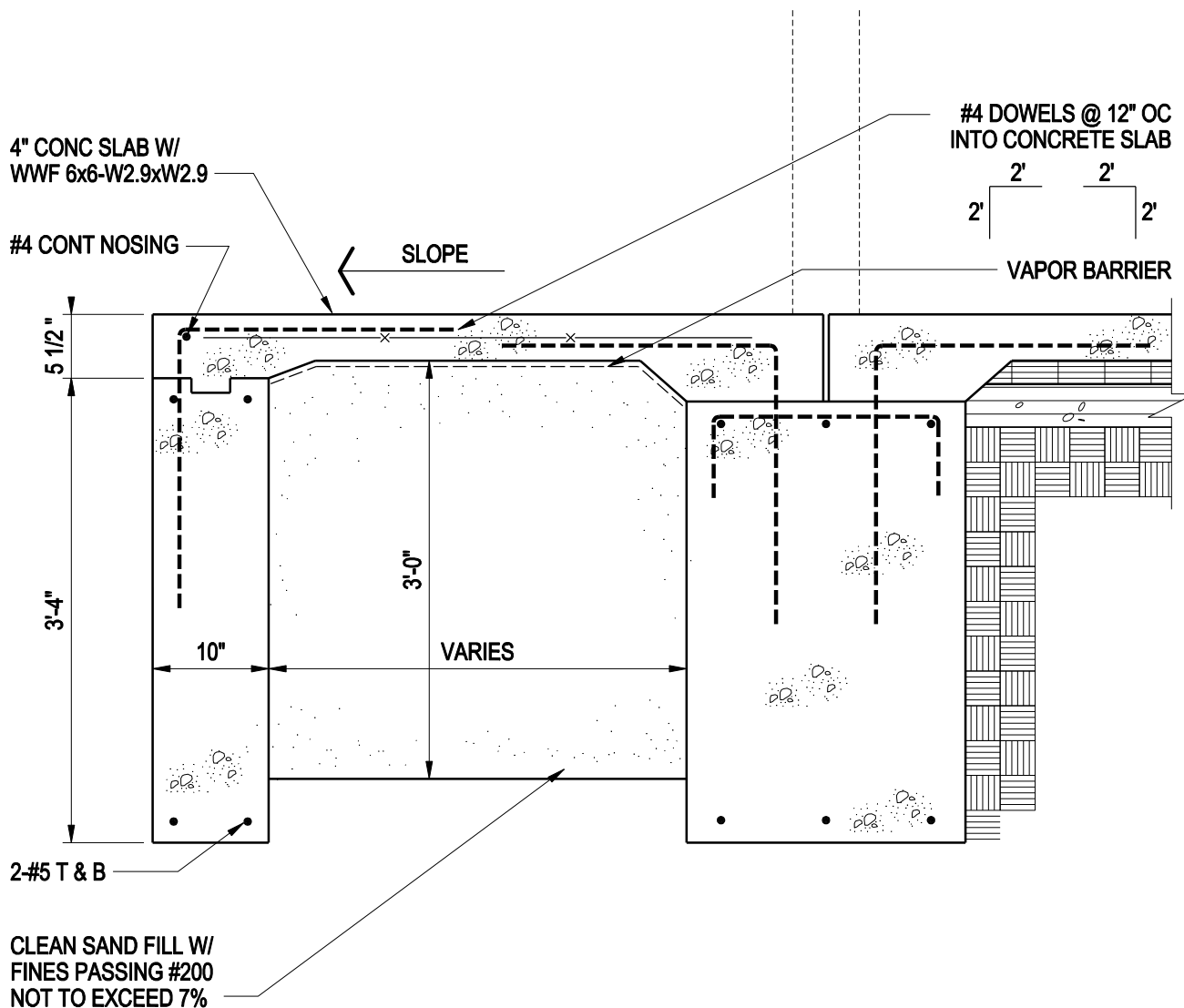
Standard Detail



Standard Detail



Standard Detail

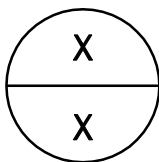
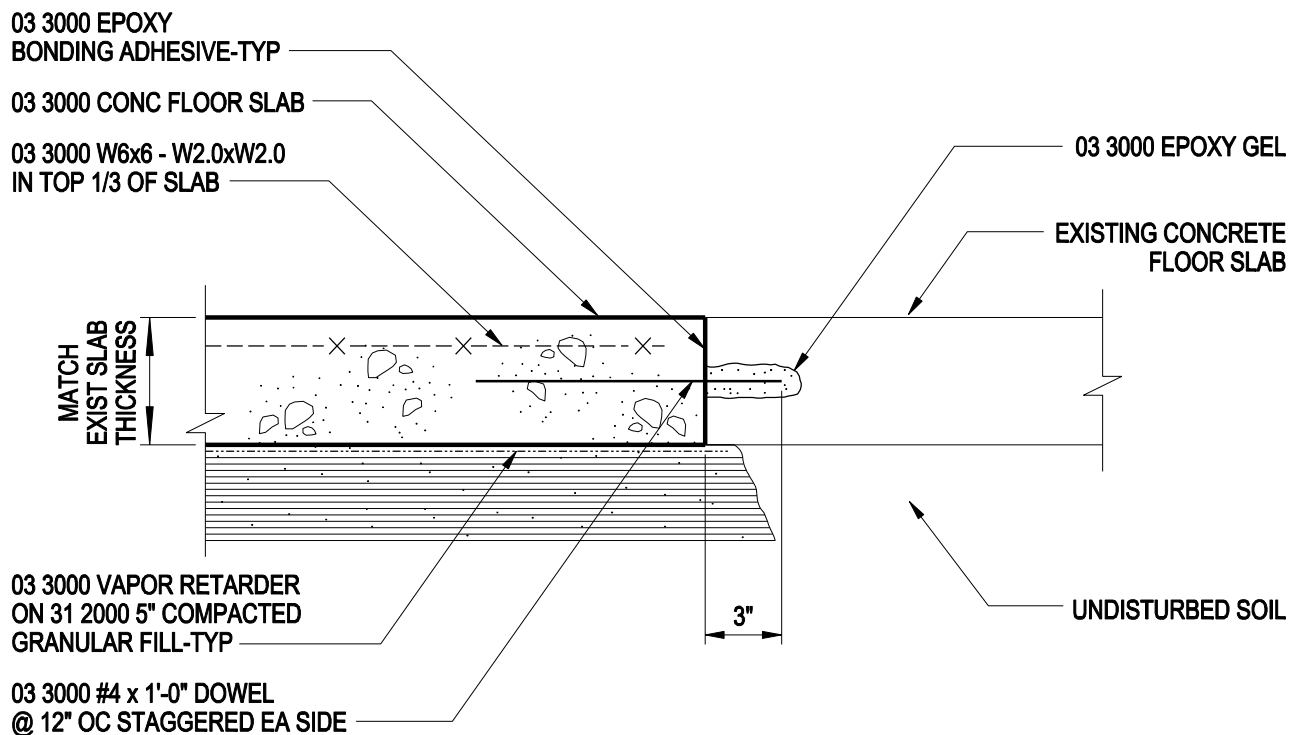


SUPPORTED SLAB DETAIL

$\frac{3}{4}" = 1'-0"$

USE TO INFILL EXIST CONCRETE SLABS ON GRADE
AT MECH AND/OR ELEC UNDERGROUND WORK, ETC.

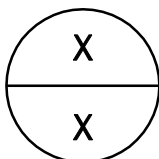
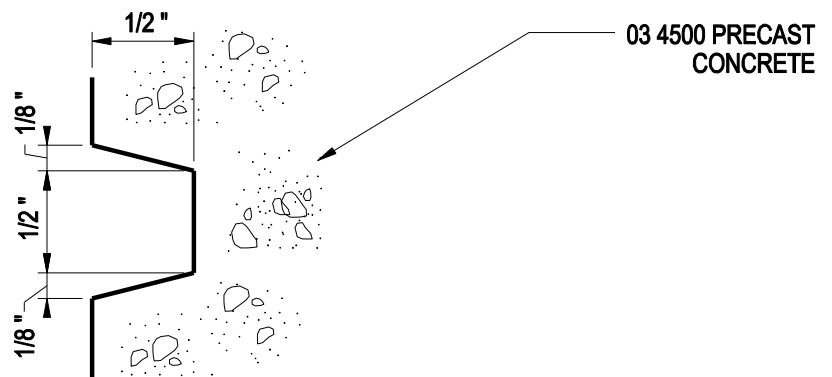
Standard Detail



CONCRETE FLOOR SLAB INFILL

1 1/2" = 1'-0"

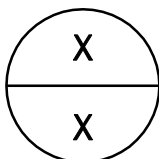
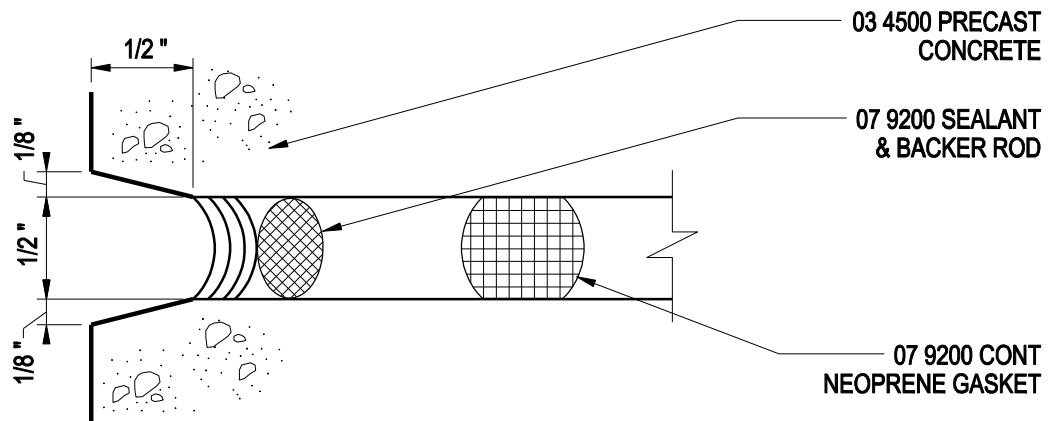
Standard Detail



TYPICAL PRECAST PANEL REVEAL

FULL SIZE

Standard Detail



TYPICAL PRECAST PANEL JOINT

FULL SIZE

Standard Detail

REFER TO WALL
SECTION FOR BACK-
UP CONSTRUCTION,
CAVITY AND INSUL

PRECAST OR
STONE PANEL

04 2000
SELF-ADHERING
STAINLESS STEEL
FLASHING (EXTEND
MIN. 8" ABOVE WEEP
AND LAP HORIZ LEG OF
METAL FLASHING TO WITHIN
1/2" OF PANEL FACE)

04 2000 CAVITY
DRAINAGE MATERIAL

04 2000 WEEP/VENT
AT VERTICAL JOINTS

SEAL PENETRATIONS
WITH MASTIC

GRADE VARIES

FOUNDATION WP
SYSTEM IF APPLICABLE -
REFER TO SPEC

07 1113 DAMPPROOFING
(EXTEND TO HEIGHT OF
METAL FLASHING AND
MIN 2'-0" BELOW GRADE -
W/FDN WP SYSTEM
PROVIDE ONLY A 4" LAP)

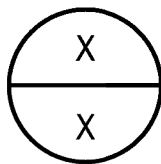
04 2000 MORTAR

SHIM AS REQUIRED

TOP OF FOUNDATION
(SOLID)

PANEL ANCHOR (IF REQUIRED)

07 6200 METAL FLASHING
TO FACE OF PANEL

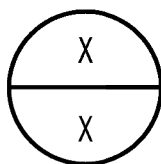
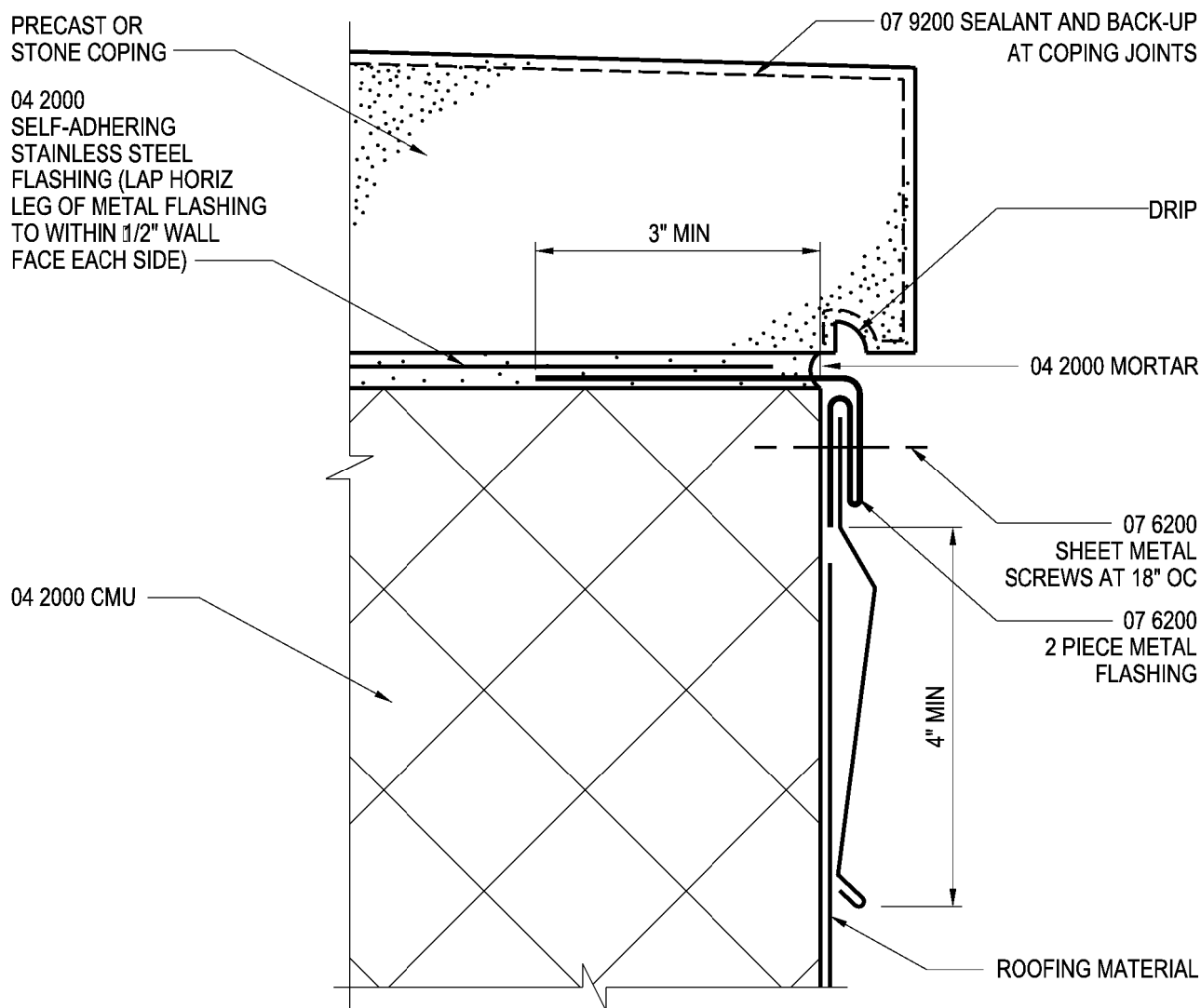


FLASHING @ GRADE

6" = 1'-0"

VERIFY PARAPET CONSTRUCTION

Standard Detail



FLASHING @ COPING

6" = 1'-0"

VERIFY STEEL SUPPORT SIZE (INCLUDING
CONSTRUCTION TOLERANCES) WITH
STRUCTURAL AND CALL OUT ON WALL
SECTIONS

Standard Detail

04 2000 CAVITY
DRAINAGE MATERIAL

04 2000
SELF-ADHERING STAINLESS STEEL
FLASHING (EXTEND MIN. 8" ABOVE
WEEP AND LAP HORIZ LEG OF
METAL FLASHING TO WITHIN
1/2" OF BRICK FACE)

04 2000 BRICK

04 2000 LINTEL BRICK

04 2000 WEEP/VENT

STEEL SUPPORT AS SHOWN

04 2000 MORTAR
(LEVELING BED)

07 9200 SEALANT
& BACK-UP

3/8"
1/2"
COURSING DIM

3/4"

1"
HOLD

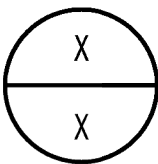
REFER TO WALL
SECTION FOR
BACK-UP CONST,
CAVITY AND
INSULATION

1/2"
MIN

07 6200 METAL
FLASHING TO
FACE OF BRICK

04 2000 COMPRESSIBLE
FILLER STRIP

WALL VENEER AS SHOWN



FLASHING @ MASONRY SHELF

6" = 1'-0"

VERIFY LINTEL SIZE W/SCHEDULE IN SPECIFICATION
SECTION 05500 OR WITH STRUCTURAL

Standard Detail

04 2000 CAVITY
DRAINAGE MATERIAL

04 2000
SELF-ADHERING STAINLESS STEEL
FLASHING (EXTEND MIN. 8" ABOVE
WEEP AND LAP HORIZ LEG OF
METAL FLASHING TO WITHIN
1/2" BRICK FACE)

04 2000 BRICK

04 2000 LINTEL BRICK

04 2000 WEEP/VENT

STEEL LINTEL-
REFER TO
SPECIFICATIONS UON

04 2000 MORTAR
(LEVELING BED)

REFER TO WALL
SECTION FOR
BACK-UP CONST,
CAVITY AND
INSULATION

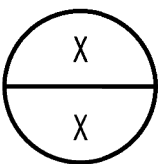
1/2" MIN

07 6200 METAL
FLASHING TO
FACE OF BRICK

3/4"

1"
HOLD

3/8"
1/2"
COURSING DIM



FLASHING @ LINTEL

6" = 1'-0"

VERIFY LINTEL SIZE W/ SCHEDULE IN SPECIFICATION
SECTION 05500 OR WITH STRUCTURAL

Standard Detail

04 2000 CAVITY
DRAINAGE MATERIAL

04 2000
SELF-ADHERING STAINLESS STEEL
FLASHING (EXTEND MIN. 8" ABOVE
WEEP AND LAP HORIZ LEG OF
METAL FLASHING TO WITHIN
1/2" OF BRICK FACE)

04 2000 BRICK

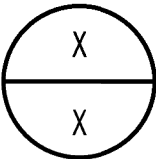
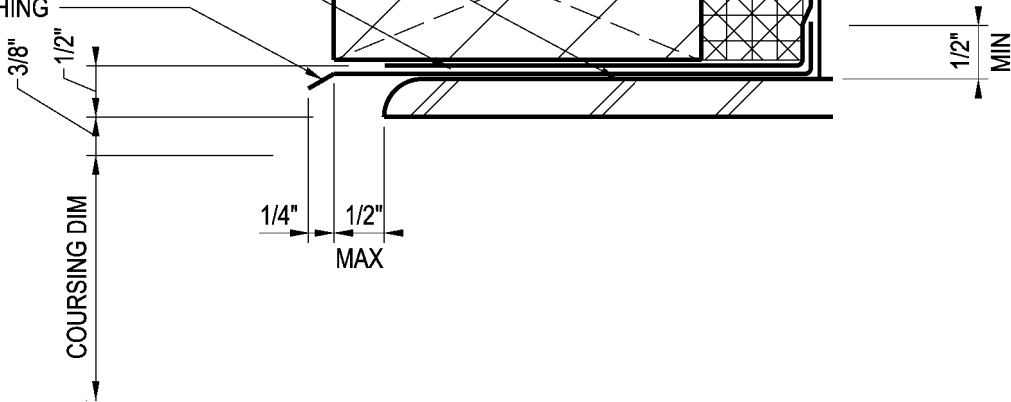
04 2000 WEEP/VENT

STEEL LINTEL-
REFER TO
SPECIFICATIONS UON

04 2000 MORTAR
(LEVELING BED)

07 6200 METAL
DRIP FLASHING

REFER TO WALL
SECTION FOR
BACK-UP CONST,
CAVITY AND
INSULATION



FLASHING @ LINTEL

6" = 1'-0"

X

Standard Detail

04 2000 MASTIC

04 2000 TERMINATION
BAR SECURED TO
BACK-UP CONSTRUCTION04 2000 CAVITY DRAINAGE
MATERIAL (ENTIRE
HEIGHT OF CAVITY)04 2000 SELF-ADHERING
STAINLESS STEEL FLASHING
(EXTEND MIN 10" ABOVE
WEEP AND EXTEND
FLASHING TO WITHIN 1/2"
OF BRICK FACE)04 2000 WEEP/VENT
IMMEDIATELY
ABOVE FLASHING

04 2000 BRICK

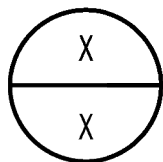
07 2100 AIR/VAPOR
BARRIER AT TOP OF
FOUNDATION AND FULL
HEIGHT OF BACK-UP WALL

GRADE VARIES

TOP OF
FOUNDATION (SOLID)04 2000 CAVITY
WALL INSULATION

10" MIN

1/2"

NOTE:
REFER TO WALL
SECTION FOR
BACK-UP WALL
CONSTRUCTION07 6200 METAL FLASHING
TO FACE OF WALL04 2000 GROUT SOLID
SLOPE TO WEEP AND
TROWEL SMOOTH

FLASHING @ GRADE

3" = 1'-0"

VERIFY WALL CONSTRUCTION

Standard Detail

04 2000
SELF-ADHERING STAINLESS
STEEL FLASHING (EXTEND
MIN. 8" ABOVE WEEP AND
LAP HORIZ LEG OF METAL
FLASHING TO WITHIN
1/2" OF BRICK FACE)

04 2000 CAVITY
DRAINAGE MATERIAL

04 2000 BRICK

04 2000 WEEP/VENT

07 6200 SHEET METAL
SCREWS @ 18" OC

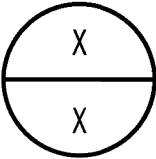
07 6200 2-PIECE
METAL FLASHING

4" MIN

ROOFING MATERIAL
BASE FLASHING

1/2" MIN

REFER TO WALL
SECTION FOR BACK-
UP CONSTRUCTION,
CAVITY AND INSUL



FLASHING @ ROOF

6" = 1'-0"

VERIFY WALL CONSTRUCTION

Standard Detail

04 2000 MASTIC

04 2000 TERMINATION BAR
SECURED TO BACK-UP CONSTRUCTION

04 2000 CAVITY WALL INSULATION

04 2000 CAVITY DRAINAGE MATERIAL

04 2000 SELF-ADHERING STAINLESS
STEEL FLASHING. (LAP METAL FLASHING
AND TERMINATE 1/2" FROM
EXTERIOR FACE OF MASONRY VENEER)

04 2000 MASONRY VENEER

04 2000 WEEP/VENT

07 6200 METAL COUNTER FLASHING

07 6200 METAL FLASHING

07 9200 SEALANT

07 7100 METAL COPING

07 5300 ROOFING MEMBRANE
EXTEND OVER BLOCKING06 1000 PLYWOOD BLOCKING
(2 LAYERS 3/4" CONT)NOTE:
EXTEND VERTICAL
FLASHING LEG 8"
BEYOND PARAPET
EACH SIDE

4" MIN

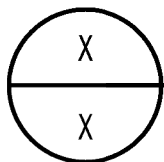
1"
HOLD

10 MIN

1/2" MIN

REFER TO WALL
SECTION FOR
BACK-UP
CONSTRUCTION

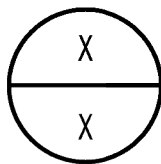
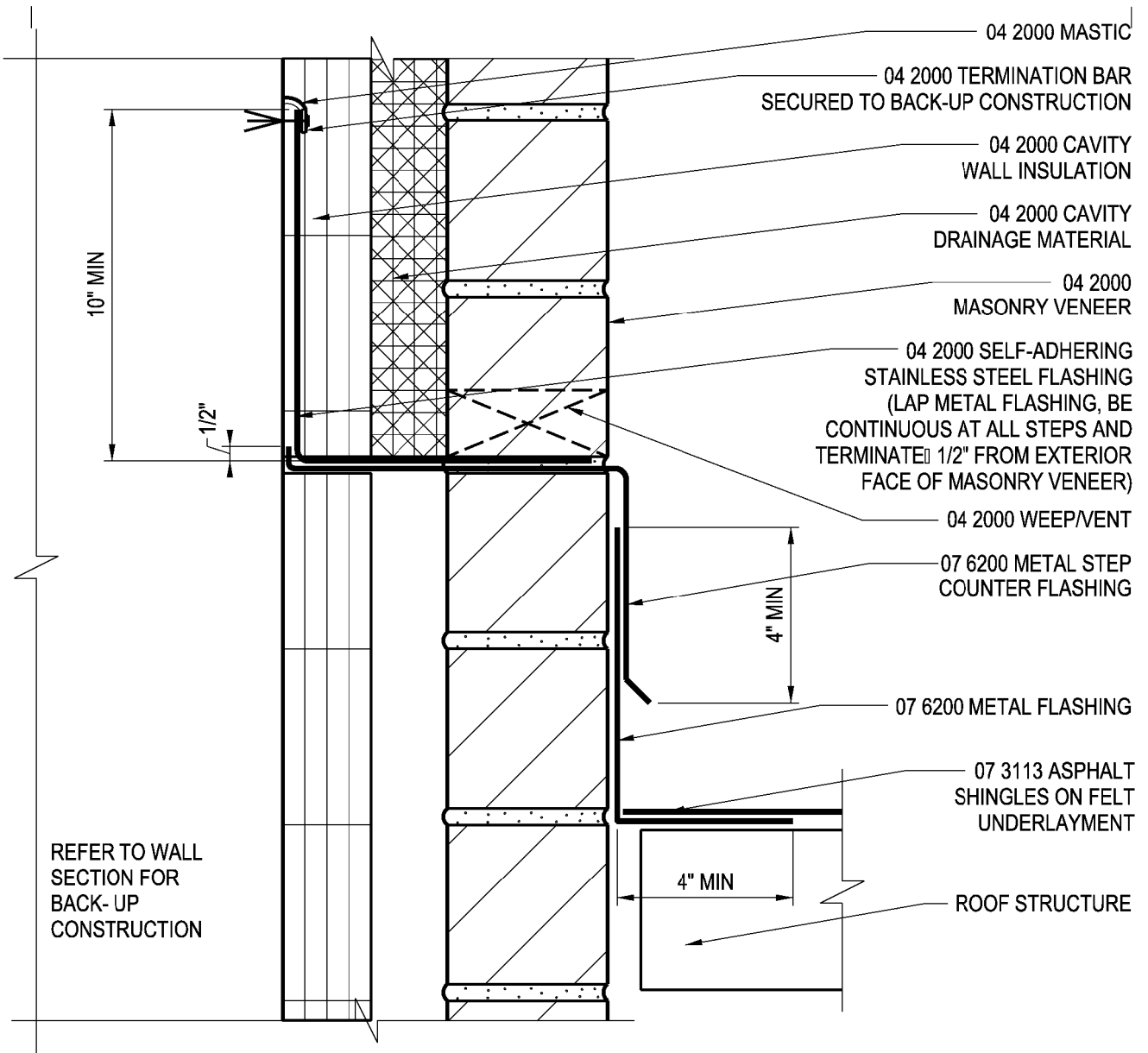
COPING FLASHING @ WALL INTERSECTION



3" = 1'-0"

VERIFY WALL CONSTRUCTION

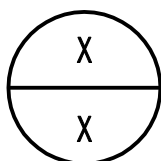
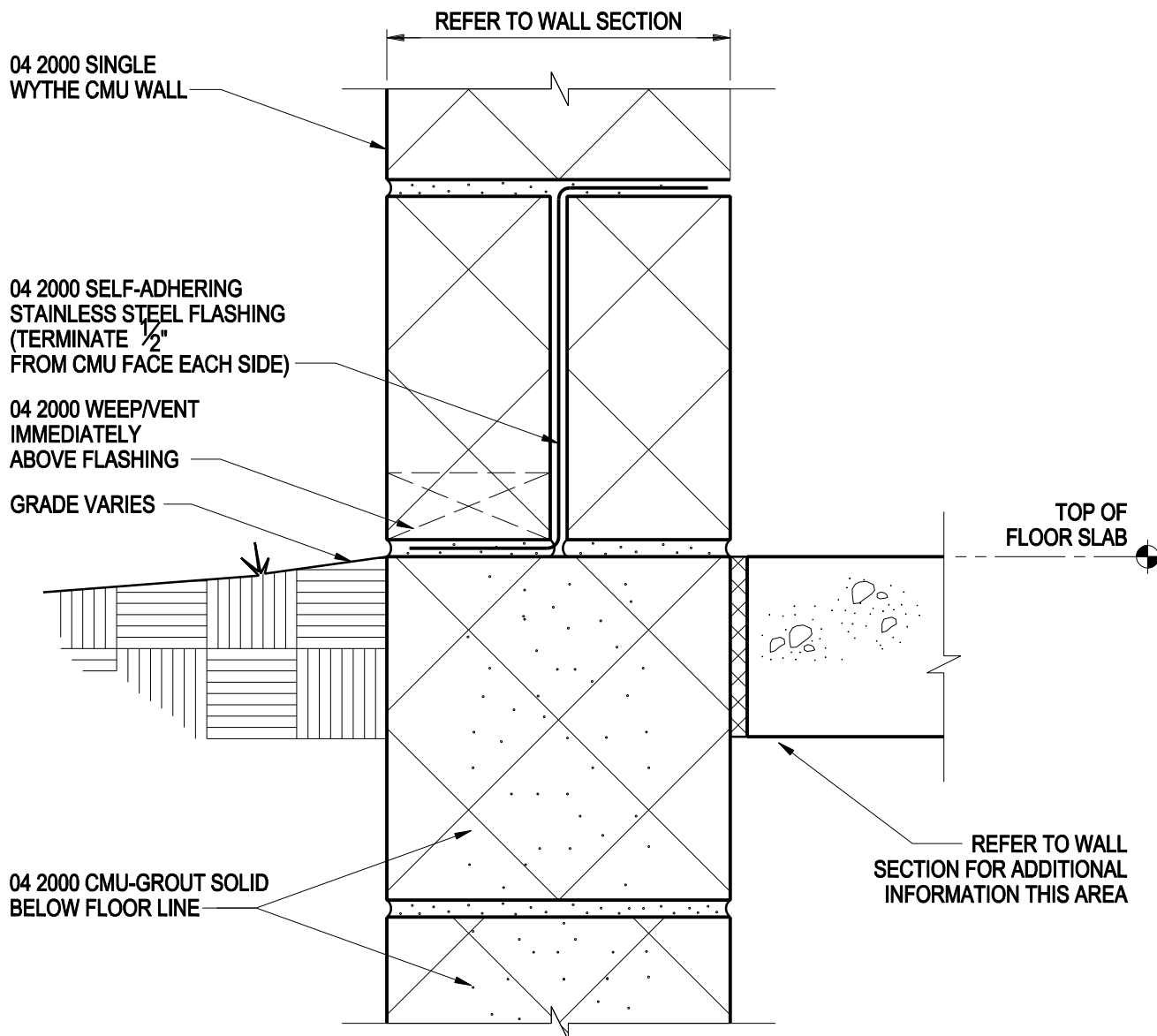
Standard Detail



STEP COUNTER FLASHING @ SHINGLE ROOF

3" = 1'-0"

Standard Detail



FLASHING @ GRADE

SINGLE WYTHE CMU

3" = 1'-0"

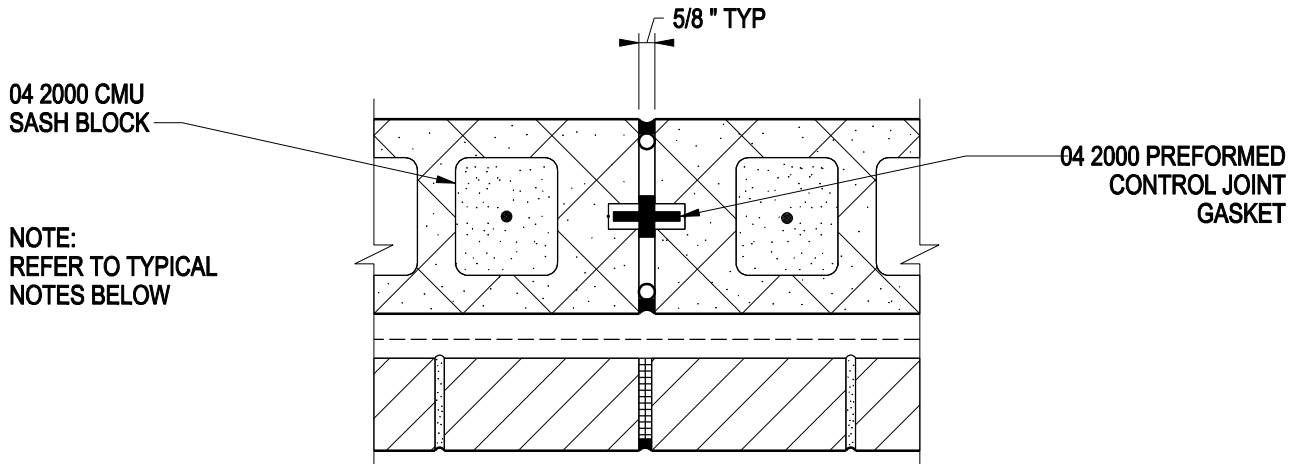
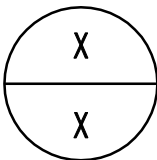
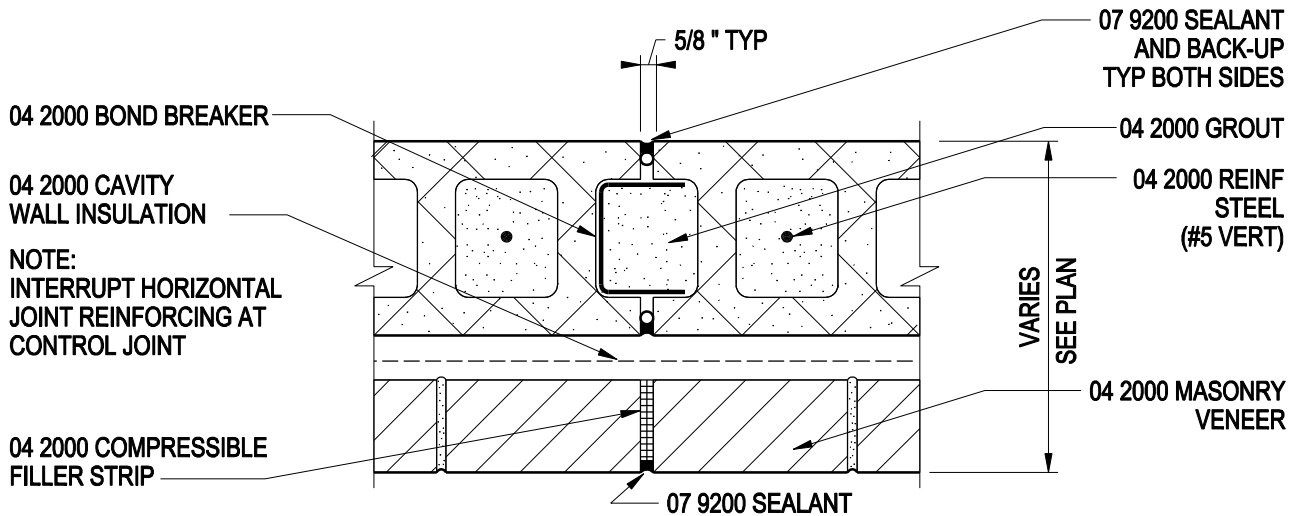
USE AT MAXIMUM SPACING OF 30' OC

VERIFY LOCATIONS WITH STRUCTURAL AND DESIGN

REFER TO NCMA TEK 3

LOCATE ON EXTERIOR ELEVATIONS AND/OR FLOOR PLANS

Standard Detail

CONTRACTORS OPTION

INTERIOR MASONRY WALL CONTROL / EXPANSION JOINT

1 1/2" = 1'-0"

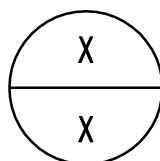
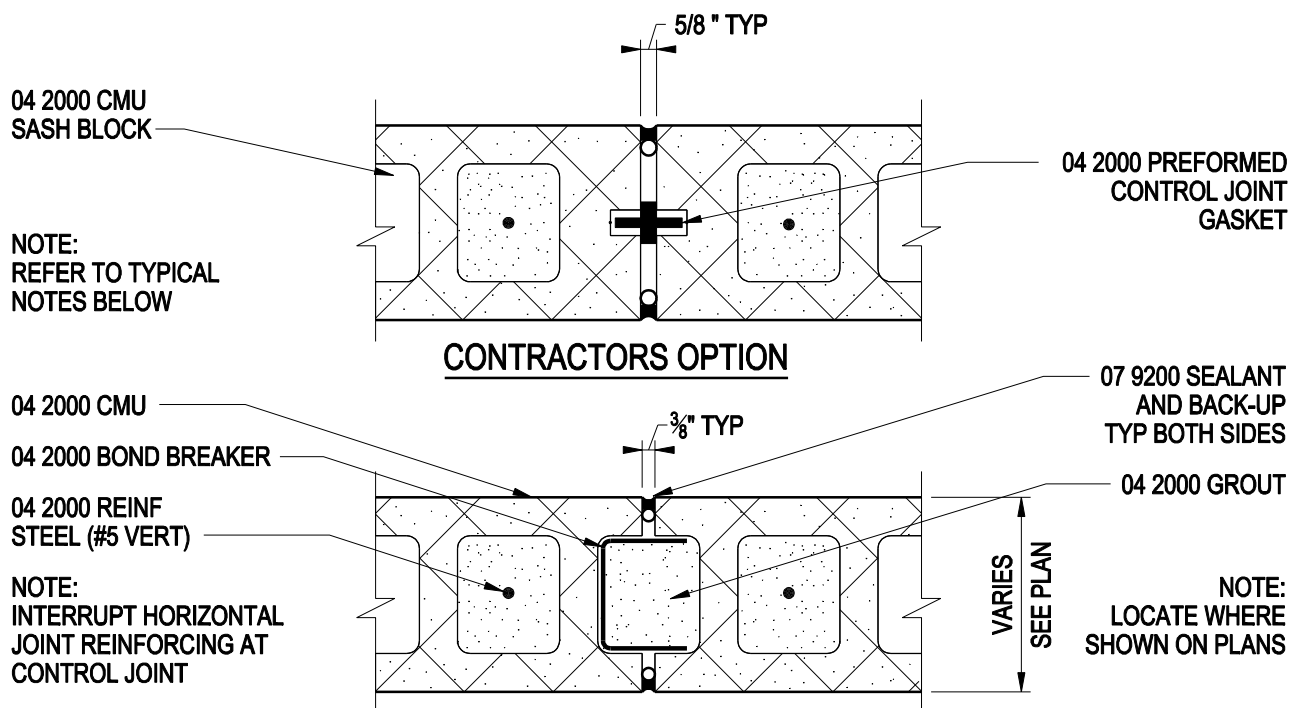
USE AT MAXIMUM SPACING OF 40' OC

VERIFY LOCATIONS WITH STRUCTURAL AND DESIGN

REFER TO NCMA TEK 3

LOCATE JOINTS ON PLANS

Standard Detail

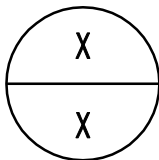
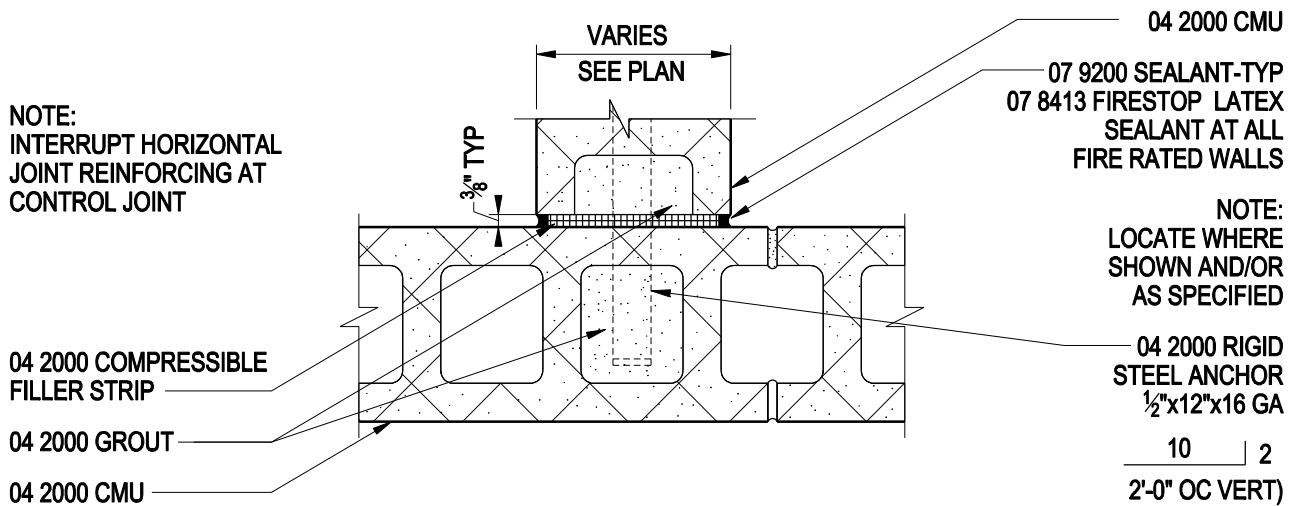


INTERIOR MASONRY WALL CONTROL JOINT

1 1/2" = 1'-0"

USE AT INTERSECTION OF INTERIOR WALLS WITH
 EXTERIOR WALLS AND/OR AT MAXIMUM SPACING OF 40' OC
 VERIFY LOCATIONS WITH STRUCTURAL AND DESIGN
 REFER TO NCMA TEK 3
 LOCATE AESTHETICALLY IMPORTANT JOINTS ON PLANS

Standard Detail



INTERIOR MASONRY WALL CONTROL JOINT

1 1/2" = 1'-0"

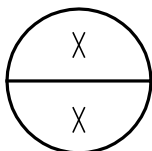
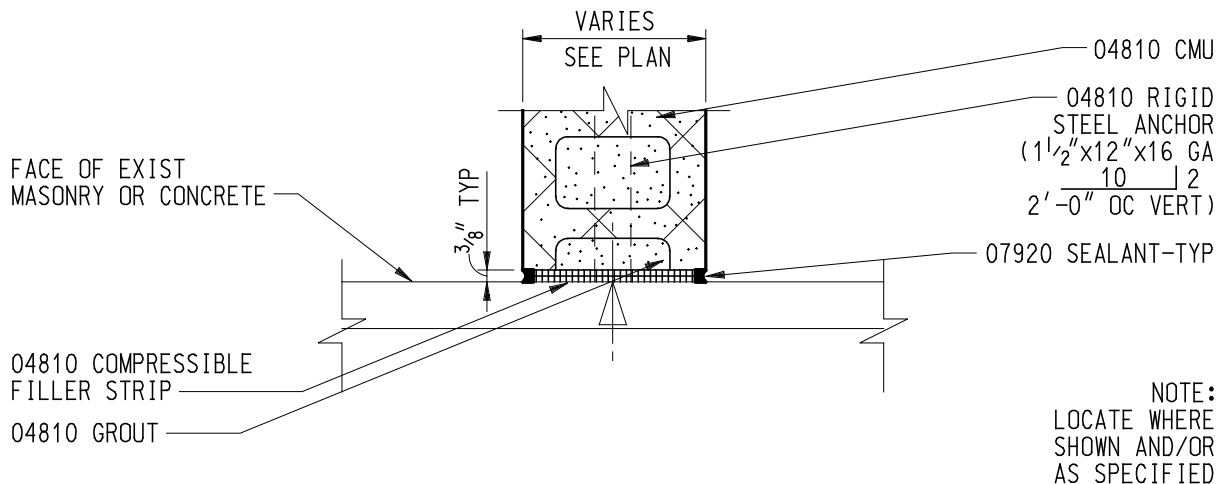


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

USE AT INTERSECTION OF INTERIOR WALLS WITH
EXISTING CONCRETE OR MASONRY

Standard Detail



INTERIOR MASONRY WALL CONTROL JOINT

1 1/2" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH04.CEL

Cell Name

04153

Date

7-JUL-00

Department

Architecture

Detail No.

04-153

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INCLUDE WITH PARTITION DETAILS

NO DETAIL REFERENCE REQUIRED

COORDINATE WITH STRUCTURAL DETAILS (IF ANY)

Standard Detail

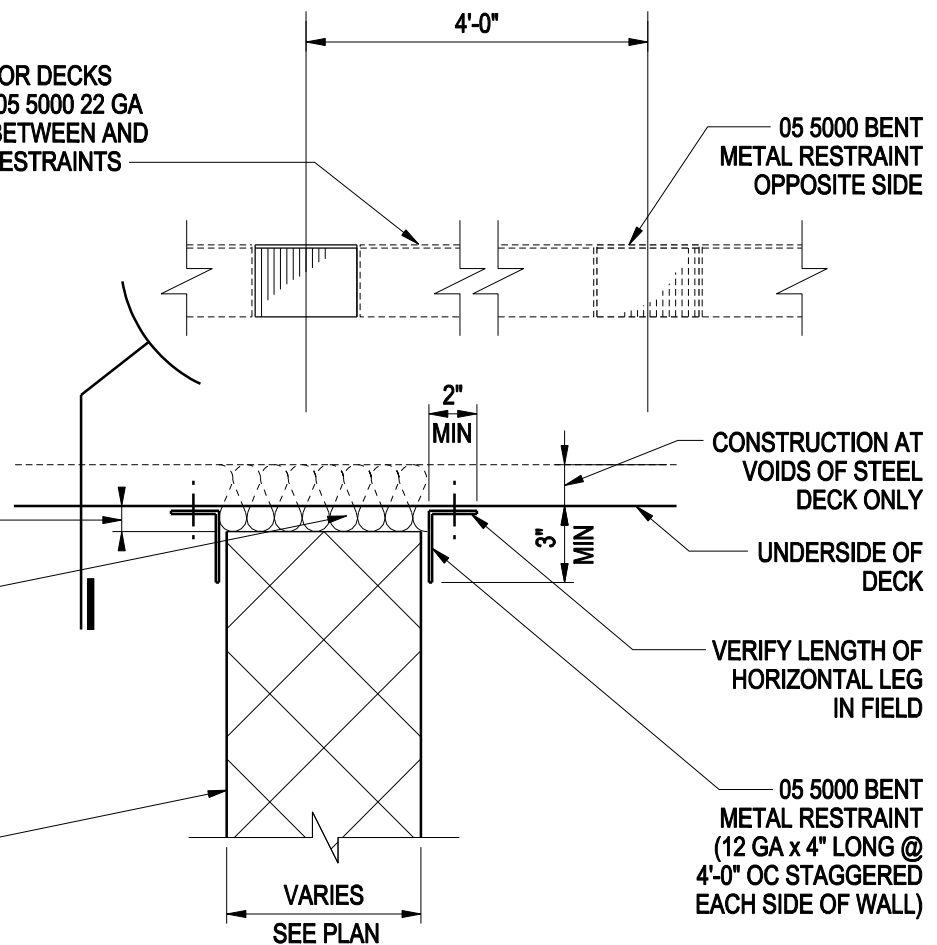
NOTE:
 AT AREAS W/O CEILINGS AT FLOOR DECKS
 AND/OR ROOF DECKS PROVIDE 05 5000 22 GA
 CONT METAL ANGLE CLOSURE BETWEEN AND
 SIZED TO MATCH BENT METAL RESTRAINTS

$\frac{3}{4}$ " STRUCTURAL
 DEFLECTION ALLOWANCE
 VERIFY DIMENSION
 W / ARCHITECT

07 2100 BATT
 INSULATION

NOTE:
 INSTALL RESTRAINTS
 AFTER WALL IS IN PLACE

MASONRY WALL
 TOP COURSE SOLID



TYPICAL INTERIOR MASONRY WALL TO DECK ABOVE

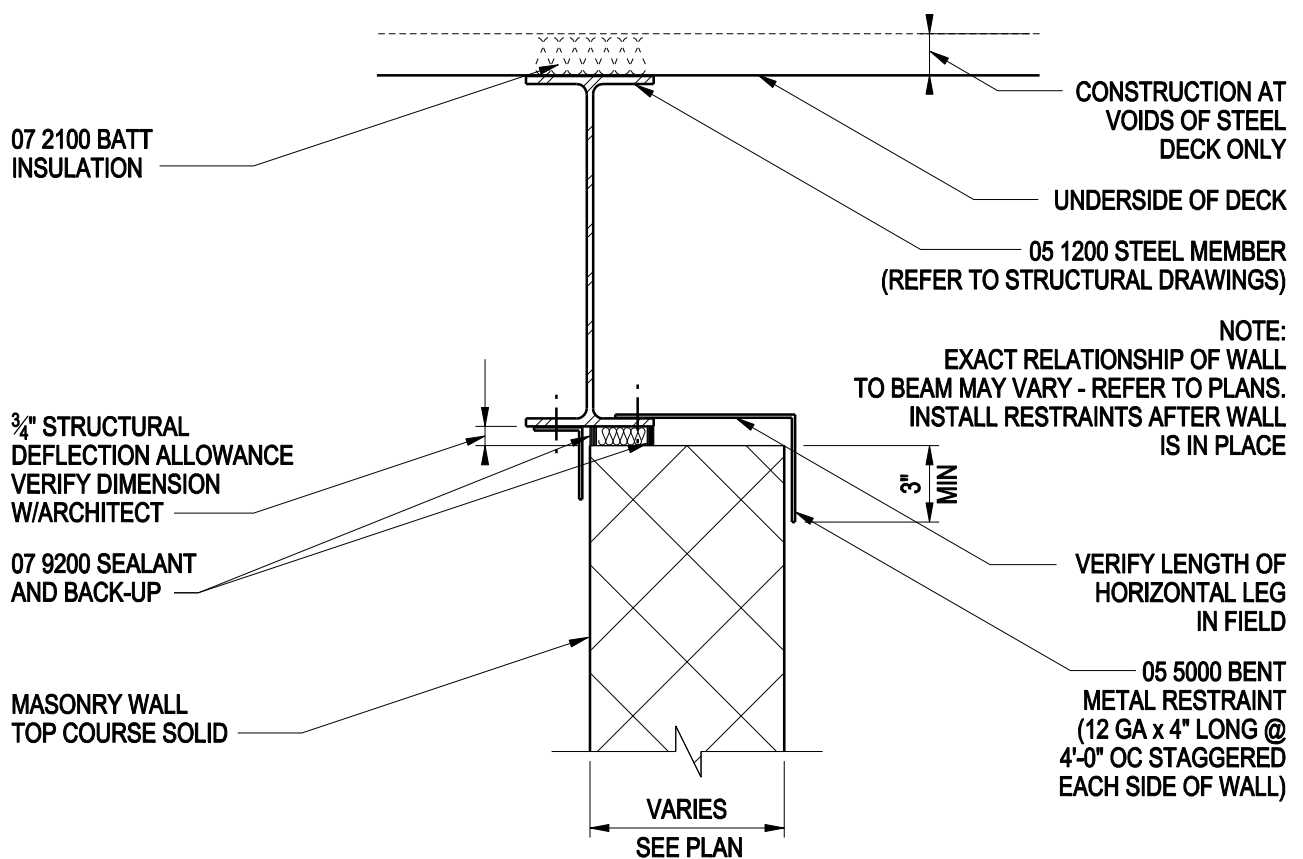
1 1/2" = 1'-0"

NON RATED

INCLUDE W/ PARTITION TYPE DETAILS.

NO DETAIL REFERENCE REQUIRED

Standard Detail



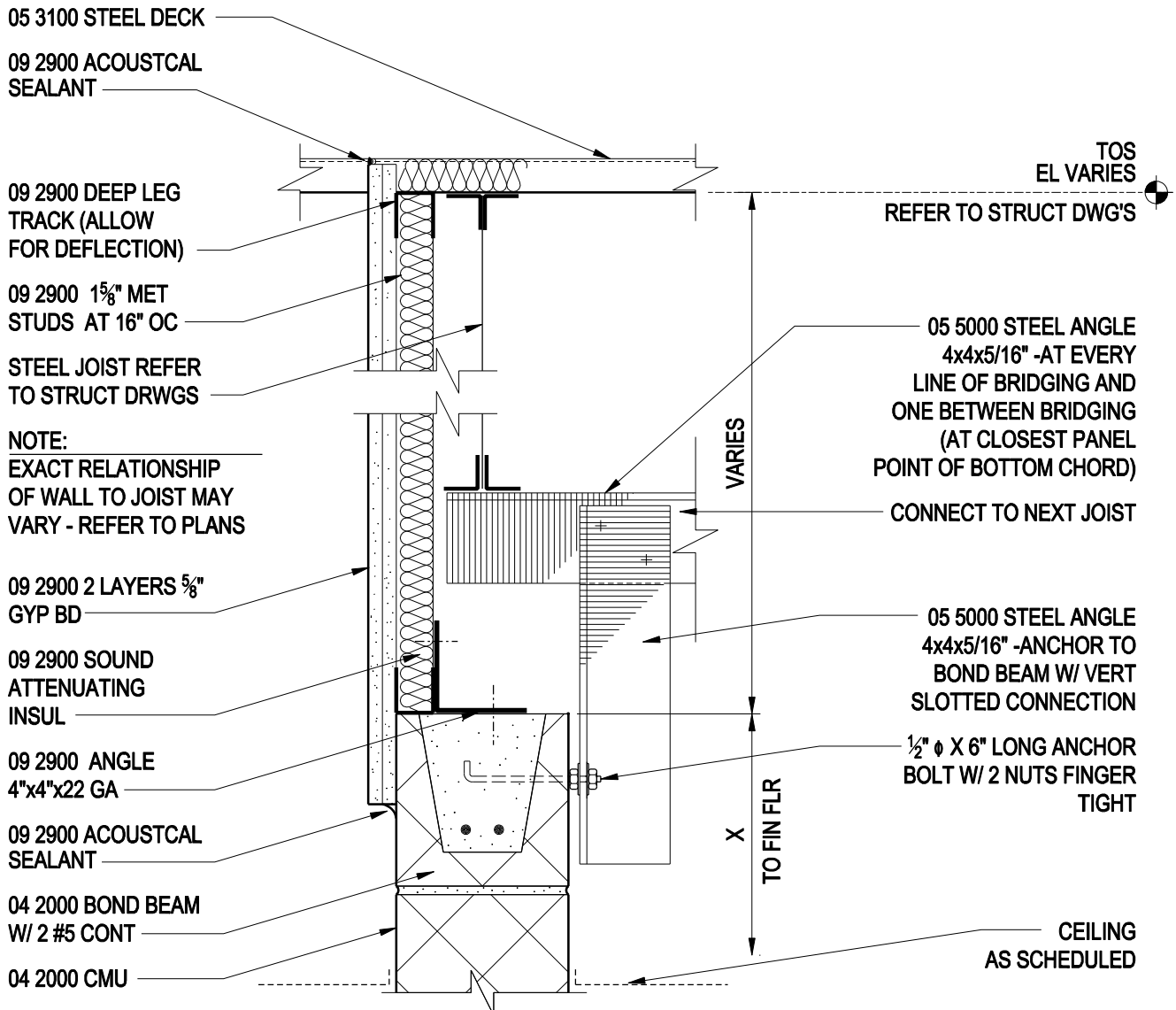
TYPICAL INTERIOR MASONRY WALL TO STEEL BEAM ABOVE

1 1/2" = 1'-0"

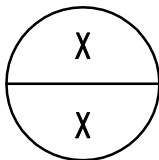
NON RATED

REFERENCE BY SECTION CUT ON PLANS. FILL IN DIMENSION
OF MASONRY WALL HEIGHT

Standard Detail



INTERIOR MASONRY WALL TO SLOPING ROOF DECK ABOVE



1 1/2" = 1'-0"

NON RATED

INCLUDE WITH PARTITION DETAILS

NO DETAIL REFERENCE REQUIRED

COORDINATE WITH STRUCTURAL DETAILS (IF ANY)

Standard Detail

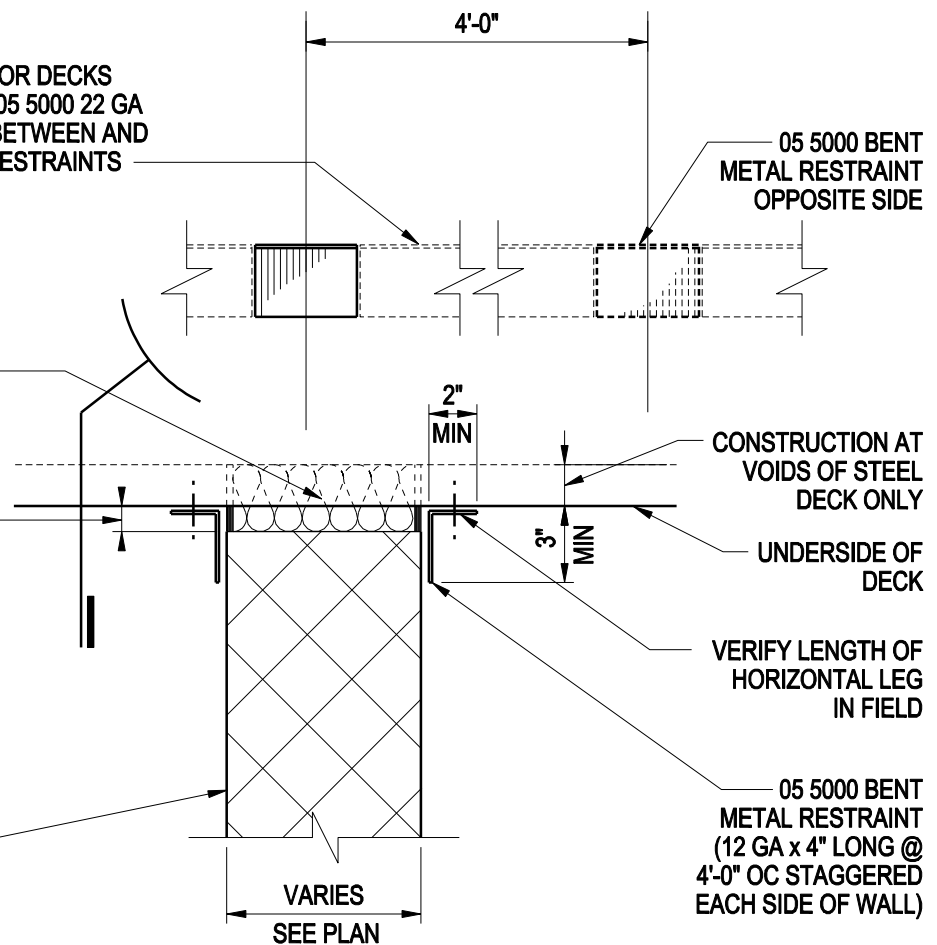
NOTE:
 AT AREAS W/O CEILINGS AT FLOOR DECKS
 AND/OR ROOF DECKS PROVIDE 05 5000 22 GA
 CONT METAL ANGLE CLOSURE BETWEEN AND
 SIZED TO MATCH BENT METAL RESTRAINTS

07 8446 HEAD OF WALL
 FIRE RESISTIVE JOINT SYSTEM

$\frac{3}{4}$ " STRUCTURAL
 DEFLECTION ALLOWANCE
 VERIFY DIMENSION
 W/ARCHITECT

NOTE:
 INSTALL RESTRAINTS
 AFTER WALL IS IN PLACE

MASONRY WALL
 TOP COURSE SOLID



TYPICAL INTERIOR MASONRY WALL TO DECK ABOVE

1 1/2" = 1'-0"

FIRE RATED

VERIFY STRUCTURAL DEFLECTION ALLOWANCE W/ STRUCTURAL

Standard Detail

07 8413 HEAD OF WALL
 FIRE RESISTIVE JOINT
 SYSTEM

3/4" STRUCTURAL
 DEFLECTION ALLOWANCE

05 1200 STEEL MEMBER
 (REFER TO STRUCT DRAWINGS)

09 2900 5/8" GYP BD
 ON 1 5/8" METAL
 STUDS AT 16" OC-TYP

09 2900 SOUND
 ATTENUATION INSULATION

3/4" STRUCTURAL
 DEFLECTION ALLOWANCE

07 8413 FIRESTOPPING
 SEALANT AND BACKING-TYP

MASONRY WALL
 TOP COURSE SOLID

NOTE:
 EXACT RELATIONSHIP OF WALL TO BEAM
 MAY VARY - REFER TO PLANS. INSTALL
 RESTRAINTS AFTER WALL IS IN PLACE

CONSTRUCTION AT
 VOIDS OF STEEL
 DECK ONLY

UNDERSIDE OF
 DECK

09 2900 DEFLECTION
 TRACK (SECURED
 TO DECK) TYP

3"
 MIN

VERIFY LENGTH OF
 HORIZONTAL LEG
 IN FIELD

05 5000 BENT
 METAL RESTRAINT
 (12 GA x 4" LONG @
 4'-0" OC STAGGERED
 EACH SIDE OF WALL)

VARIES

TYPICAL INTERIOR MASONRY WALL TO STEEL BEAM ABOVE

1 1/2" = 1'-0"

1 HR FIRE RATED

VERIFY STRUCTURAL DEFLECTION ALLOWANCE W/ STRUCTURAL

Standard Detail

CONSTRUCTION
AT VOIDS OF
STEEL DECK ONLY

NOTE:
09 2900 GYP BD & METAL
STUDS ABOVE MASONRY
WALL ARE CONTINUOUS
BETWEEN JOISTS - CUT
GYP BD AROUND JOIST
PENETRATION AND SEAL

09 2900 5/8" GYP BD
ON 2 1/2" METAL STUDS
AT 16" OC

09 2900 SOUND
ATTENUATION
INSULATION-TYP

3/4" MIN STRUCTURAL
DEFLECTION ALLOWANCE

05 5000 BENT RESTRAINT
12 GA x 4" LG SECURED
TO STEEL JOIST ONLY

NOTE:
INSTALL RESTRAINTS
AFTER MASONRY WALL
IS IN PLACE

UNDERSIDE OF
DECK

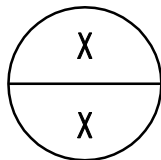
07 8413
HEAD OF WALL
FIRE RESISTIVE
JOINT SYSTEM

NOTE: PROVIDE
07 8413 FIRE STOPPING
SEALANT AND BACKING
AT ALL PENETRATIONS-TYP

05 2100
STEEL JOIST

04 2000 CMU BOND BEAM
W/ 2- #5 BARS. ADJUST VERTICAL
POSITION TO ACCOMMODATE
HEIGHT OF WALL. PLACE BOND
BEAM AT HIGHEST FULL COURSE
AND INFILL WITH SOLID CMU
ABOVE AS REQUIRED

VARIES
SEE PLAN



TYP INTERIOR MASONRY WALL PERPENDICULAR TO JOIST

1 1/2" = 1'-0"

1 HR FIRE RATED

VERIFY STRUCTURAL DEFLECTION ALLOWANCE W/ STRUCTURAL

Standard Detail

07 8413 HEAD OF WALL
 FIRE RESISTIVE JOINT
 SYSTEM

$\frac{3}{4}$ " STRUCTURAL
 DEFLECTION ALLOWANCE

05 1200 STEEL MEMBER
 (REFER TO STRUCT DRAWINGS)

09 2900 2 LAYERS $\frac{5}{8}$ "
 GYP BD ON $1\frac{5}{8}$ " METAL
 STUDS AT 16" OC-TYP

09 2900 SOUND
 ATTENUATION INSULATION

$\frac{3}{4}$ " STRUCTURAL
 DEFLECTION
 ALLOWANCE

07 8413 FIRESTOPPING
 SEALANT AND BACKING-TYP

MASONRY WALL
 TOP COURSE SOLID

NOTE:
 EXACT RELATIONSHIP OF WALL TO BEAM
 MAY VARY - REFER TO PLANS. INSTALL
 RESTRAINTS AFTER WALL IS IN PLACE

CONSTRUCTION AT
 VOIDS OF STEEL
 DECK ONLY

UNDERSIDE OF
 DECK

09 2900 DEFLECTION
 TRACK (SECURED
 TO DECK) TYP

3"
 MIN

VERIFY LENGTH OF
 HORIZONTAL LEG
 IN FIELD

05 5000 BENT
 METAL RESTRAINT
 (12 GA x 4" LONG @
 4'-0" OC STAGGERED
 EACH SIDE OF WALL)

VARIES

TYPICAL INTERIOR MASONRY WALL TO STEEL BEAM ABOVE

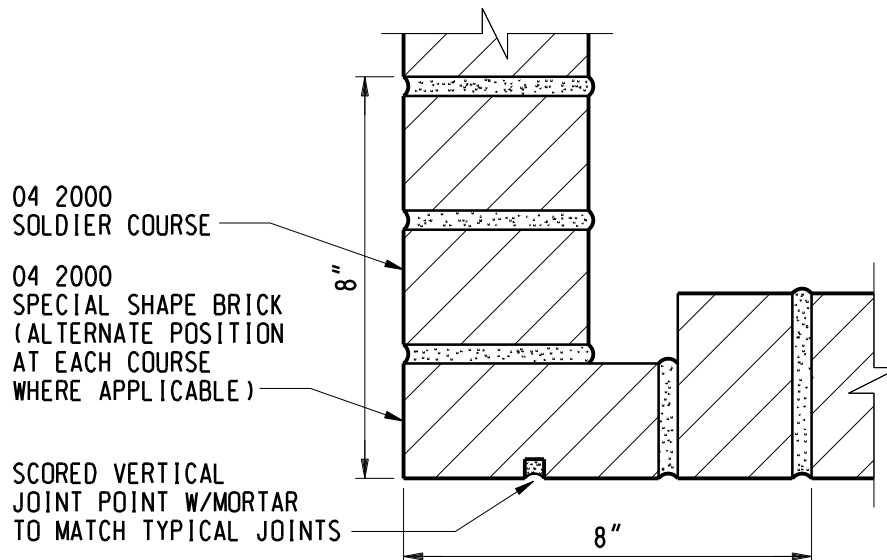
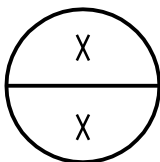
1 1/2" = 1'-0"

2 HR FIRE RATED

USE WITH MODULAR SIZE BRICK

(3 $\frac{5}{8}$ " x 2 $\frac{1}{4}$ " x 7 $\frac{5}{8}$ ")

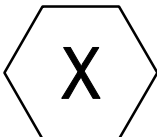
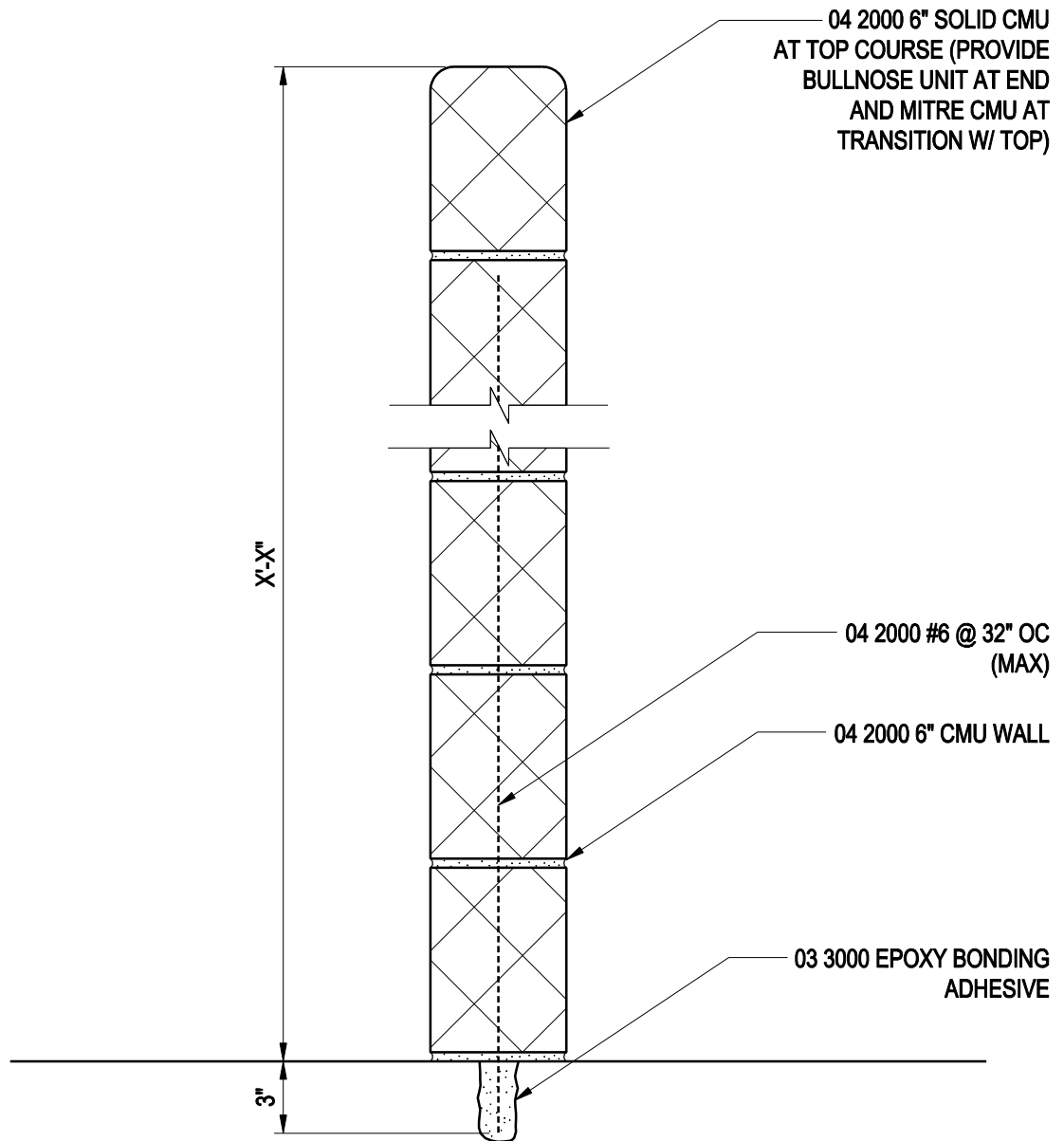
Standard Detail

**BRICK SOLDIER COURSING
AT CORNER**

3" = 1'-0"

CMU DWARF WALL FOR TOILET PARTITION OR URINAL SCREEN
FILL-IN WALL HEIGHT DIMENSION

Standard Detail



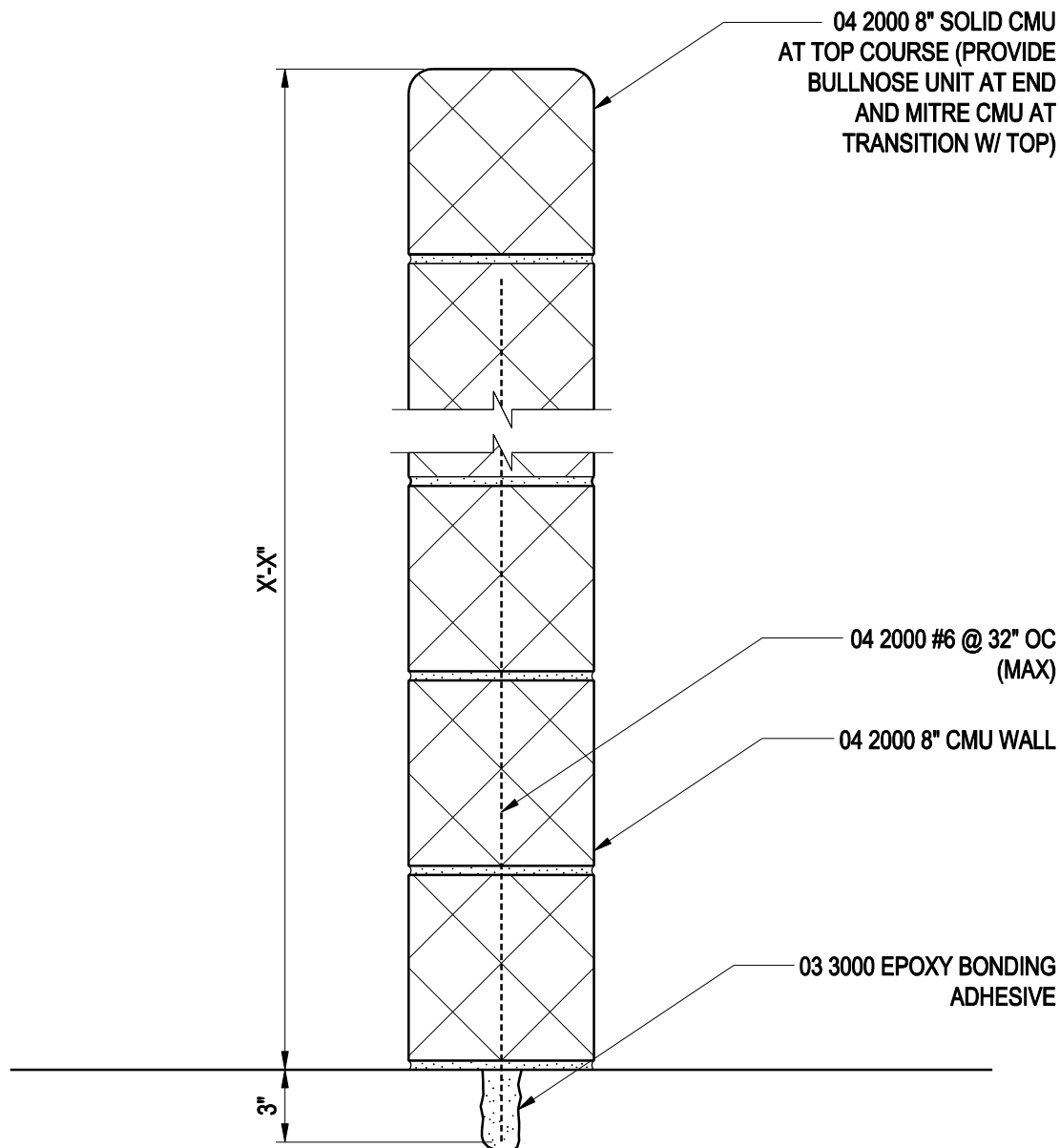
PARTITION

1 1/2" = 1'-0"

(REFER TO FLOOR PLANS)

CMU DWARF WALL FOR TOILET PARTITION OR URINAL SCREEN
FILL-IN WALL HEIGHT DIMENSION

Standard Detail



PARTITION

1 1/2" = 1'-0"

(REFER TO FLOOR PLANS)

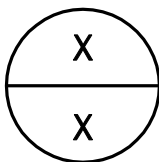
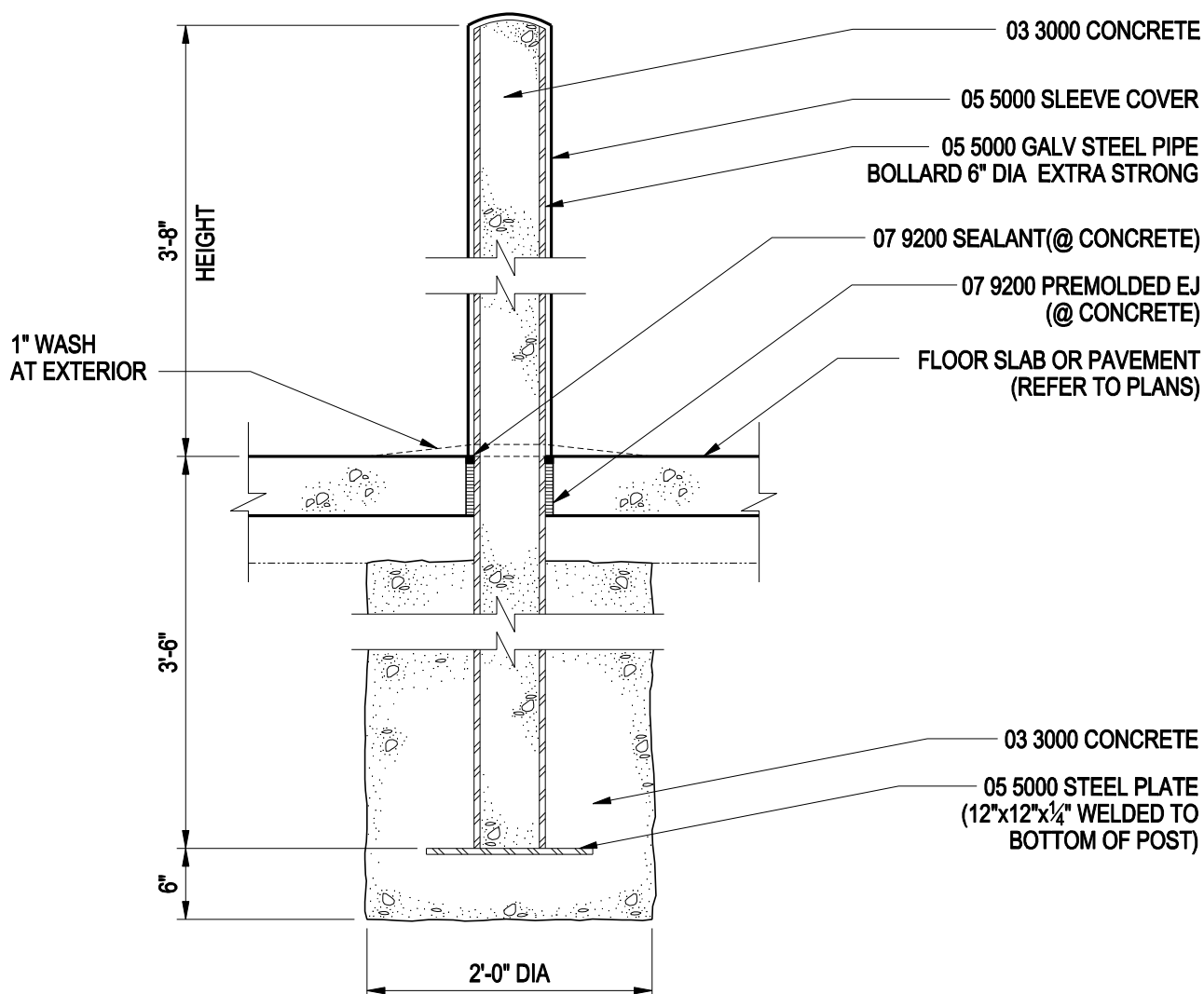
USE AT NEW CONSTRUCTION

VERIFY HEIGHT REQUIREMENTS

SELECT COLOR FOR SLEEVE COVER AND ADD

TO SPEC OR DETAIL

Standard Detail



PIPE BOLLARD

3/4" = 1'-0"

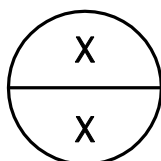
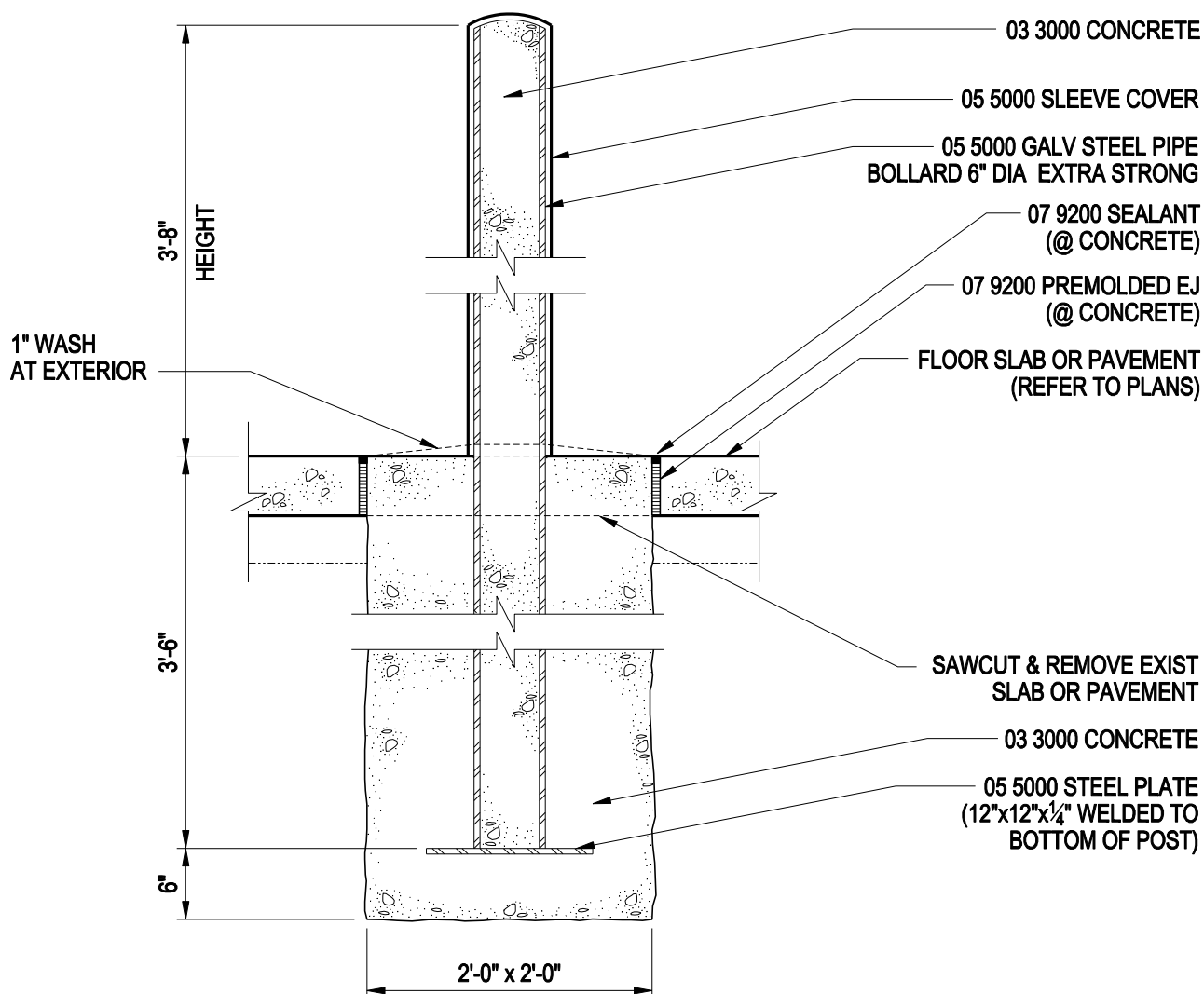
USE AT EXISTING FLOOR SLAB OR EXISTING PAVEMENT

VERIFY HEIGHT REQUIREMENTS

SELECT COLOR FOR SLEEVE COVER AND ADD

TO SPEC OR DETAIL

Standard Detail



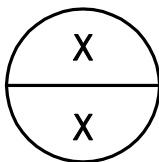
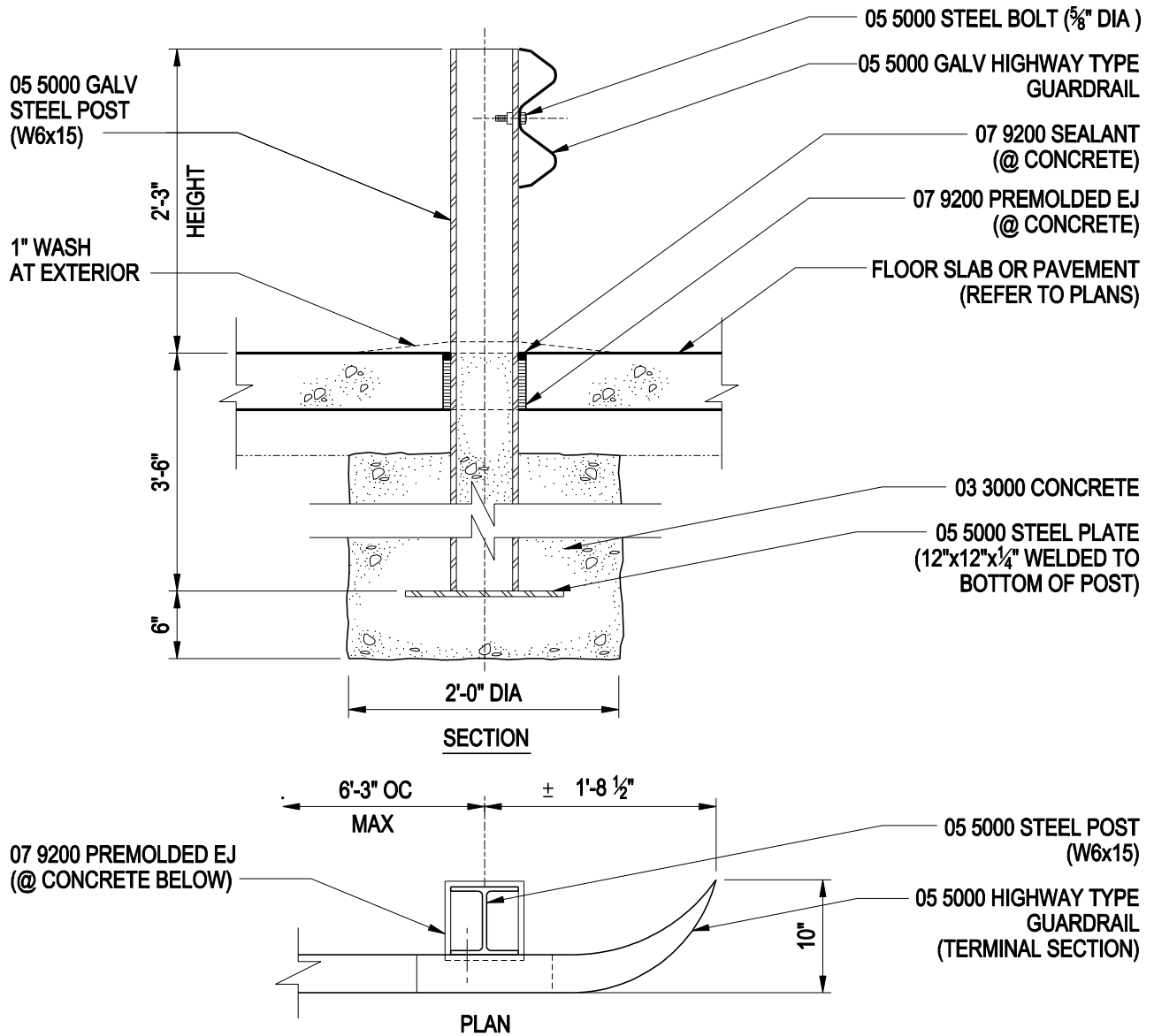
PIPE BOLLARD

3/4" = 1'-0"

USE AT NEW CONSTRUCTION

VERIFY HEIGHT REQUIREMENTS

Standard Detail



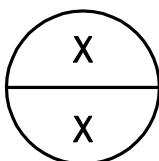
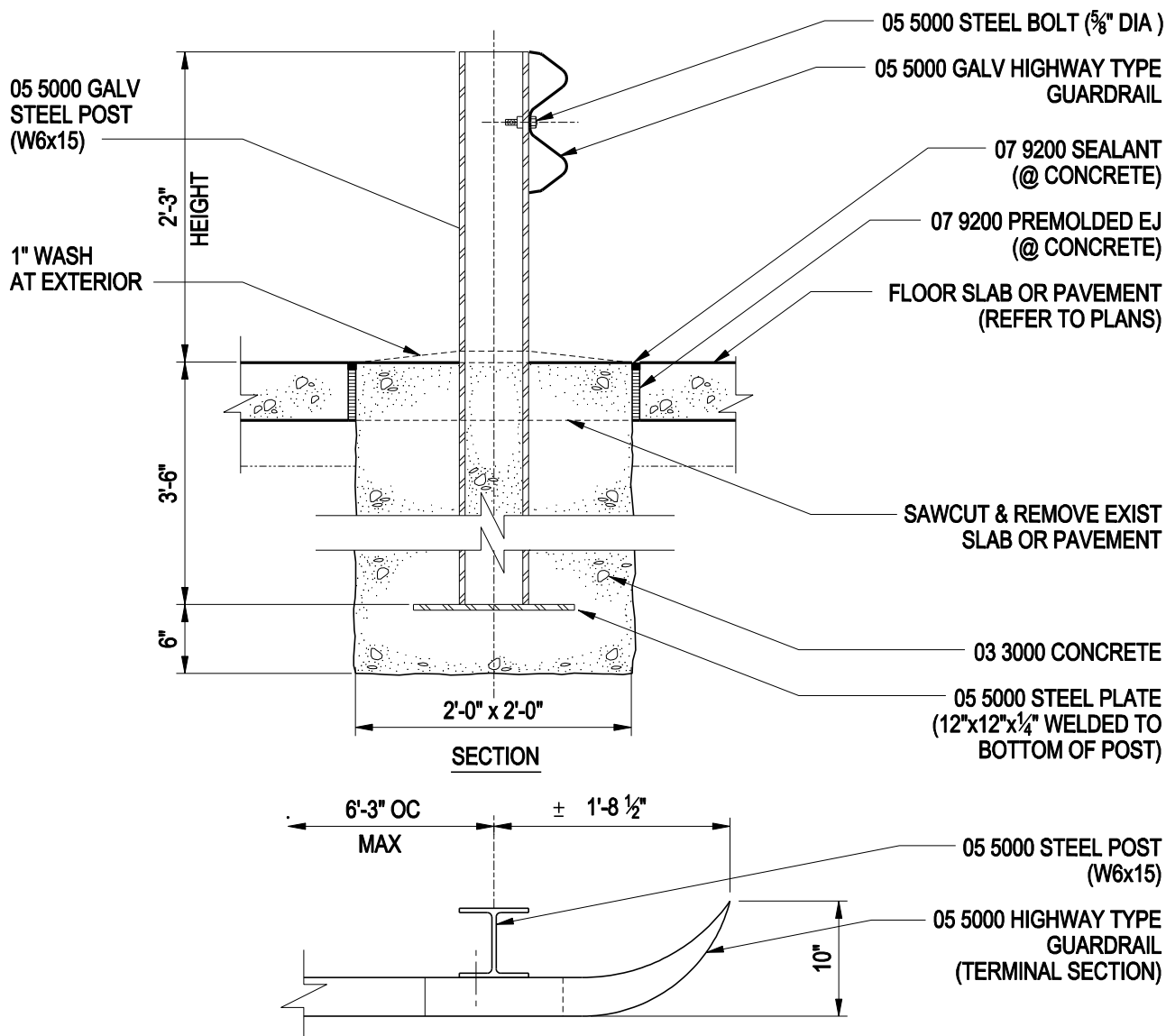
HIGHWAY TYPE GUARDRAIL

 $\frac{3}{4}" = 1'-0"$

USE AT EXISTING FLOOR SLAB OR EXISTING PAVEMENT

VERIFY HEIGHT REQUIREMENTS

Standard Detail



HIGHWAY TYPE GUARDRAIL

3/4" = 1'-0"

Notes / Instructions
COORDINATE REQUIREMENTS W/ MECH, ELEC AND STRUCT

SHOW EXTENT ON ARCHITECTURAL PLANS

LOCATE AND DIMENSION ON STRUCTURAL FOUNDATION PLANS

(IF DETERMINABLE)

ADD DIMENSIONS TO DETAIL FOR WIDTH AND DEPTH (IF ANY)

COORDINATE TRENCH COVER TYPE (TO BE DESCRIBED IN SPEC)

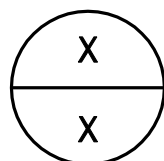
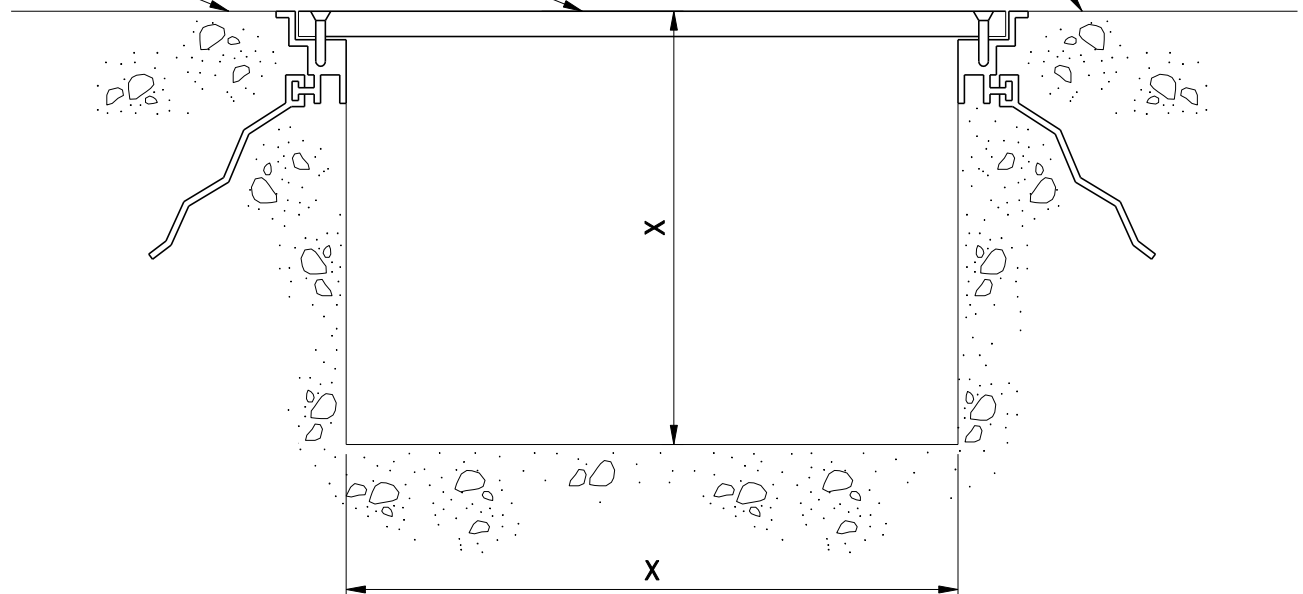
Standard Detail

NOTE:
COORDINATE EXACT SIZE AND LOCATION OF TRENCH
AND COVER WITH ROUGH IN INFORMATION PROVIDED
BY THE APPROPRIATE EQUIPMENT MANUFACTURER AND
TRADES PROVIDING UTILITIES

05 5000 ALUM TRENCH
COVER W/FRAME

03 3000 CONCRETE
SLAB

FLOOR FINISH AS
SCHEDULED



ALUM TRENCH COVER

3" = 1'-0"

Cell Library

ARCH05.CEL

Cell Name

05026

Date

2019

Detail Number

05-026

Notes / Instructions
USE TO SUPPORT CEILING HUNG MEDICAL EQUIPMENT

(I.E. SERVICE COLUMNS) COORDINATE W/ MECH AND/OR ELEC

CONSULT STRUCTURAL FOR SUPPORT STRUCTURE. DRAW AND

NOMENCLATE INCLUDING STEEL PLATE AND BOLT INFORMATION

LOCATE ON REFLECTED CEILING PLANS

VERIFY MANUFACTURER CEILING HEIGHT REQUIREMENTS

Standard Detail

NOTE:
COORDINATE EXACT STRUCTURAL
SUPPORT AND CLEARANCE DIMENSION
REQUIREMENTS WITH APPROVED
MANUFACTURERS SHOP DRAWINGS

05 5000 STEEL PLATE

05 5000 STEEL BOLT

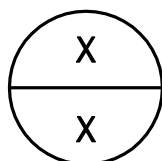
EQUIPMENT MOUNTING PLATE

EQUIPMENT CEILING TRIM

EQUIPMENT

6"
CLEARANCE
DIMENSIONS

CEILING
AS SCHEDULED



ABOVE CEILING EQUIP SUPPORT

1 1/2" = 1'-0"

Notes / Instructions
USE TO SUPPORT CEILING HUNG MEDICAL EQUIPMENT (I.E.

SURGICAL LIGHT FIXTURE) COORDINATE W/ MECH AND/OR ELEC

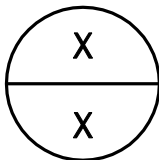
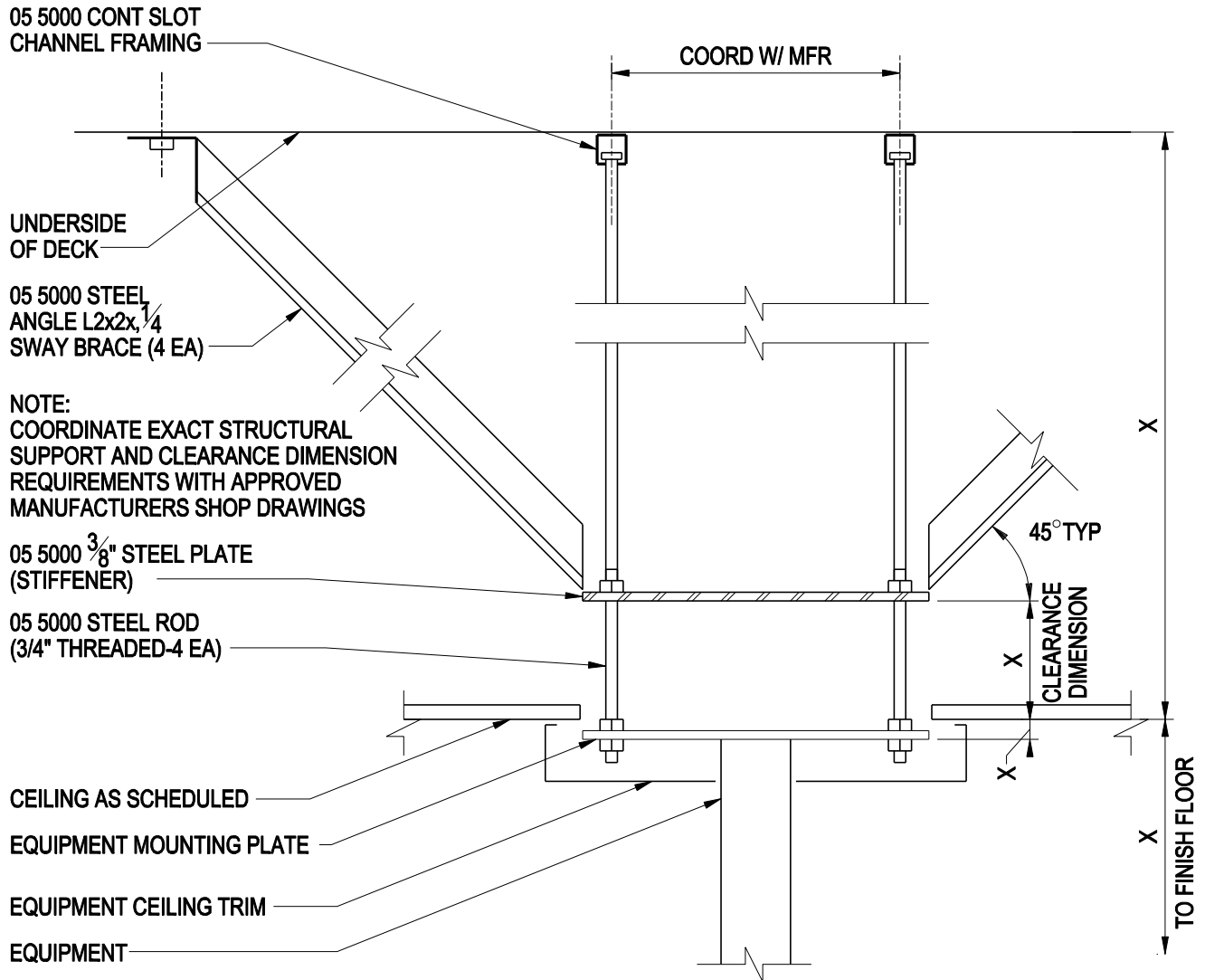
VERIFY SUPPORT FRAMING WITH STRUCTURAL

LOCATE ON REFLECTED CEILING PLANS

FILL IN MISSING DIMENSIONS

VERIFY MANUFACTURER CEILING HEIGHT REQUIREMENTS

Standard Detail



ABOVE CEILING EQUIP SUPPORT

1 1/2" = 1'-0"

Notes / Instructions
VERIFY LOADING CAPACITY

MODEL NUMBERS ARE UNISTRUT

FILL IN MISSING DIMENSION BETWEEN CEILING & CEILING

SUBRAIL OR STRUCTURE

Standard Detail

05 5000
SLOTTED CHANNEL
DIAGONAL BRACING (P1000)

CEILING SUBRAIL
OR STRUCTURE

05 5000
FLAT PLATE
(107272)

05 5000
TELESCOPIC TUBING
(P9200)

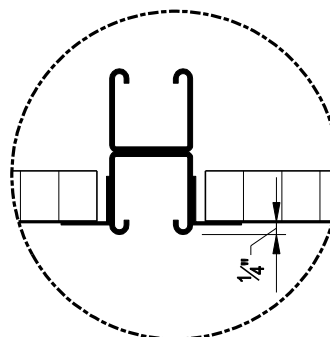
05 5000
TELESCOPIC TUBING
(P9000)

05 5000
FLAT PLATE
(107272)

05 5000
FLAT PLATE
(P1064)

05 5000
SLOTTED CHANNEL
SPREADER (P1000)
ATTACHED TO MAIN
RAILS W/ FITTING (P1047)

09 5113
LAY-IN ACOUSTICAL PANELS
IN EXPOSED METAL GRID SYSTEM



05 5000
(2) 1/2" THRU
BOLTS

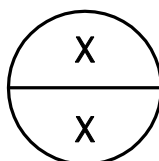
05 5000
(2) "x6" 1/2"x6"
THREADED ROD

CEILING
HEIGHT

REFERENCE
REFLECTED
CLG PLANS

05 5000 ANGLED
FITTING (P1068)

05 5000 SLOTTED CHANNEL
MAIN RAIL (P1001)



CONT SLOTTED CHANNEL @ CEILING

1" = 1'-0"

NOTE: MODEL NUMBERS ARE UNISTRUT

LOCATE ON PLAN. SHOW ON INTERIOR ELEVATIONS OR

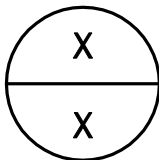
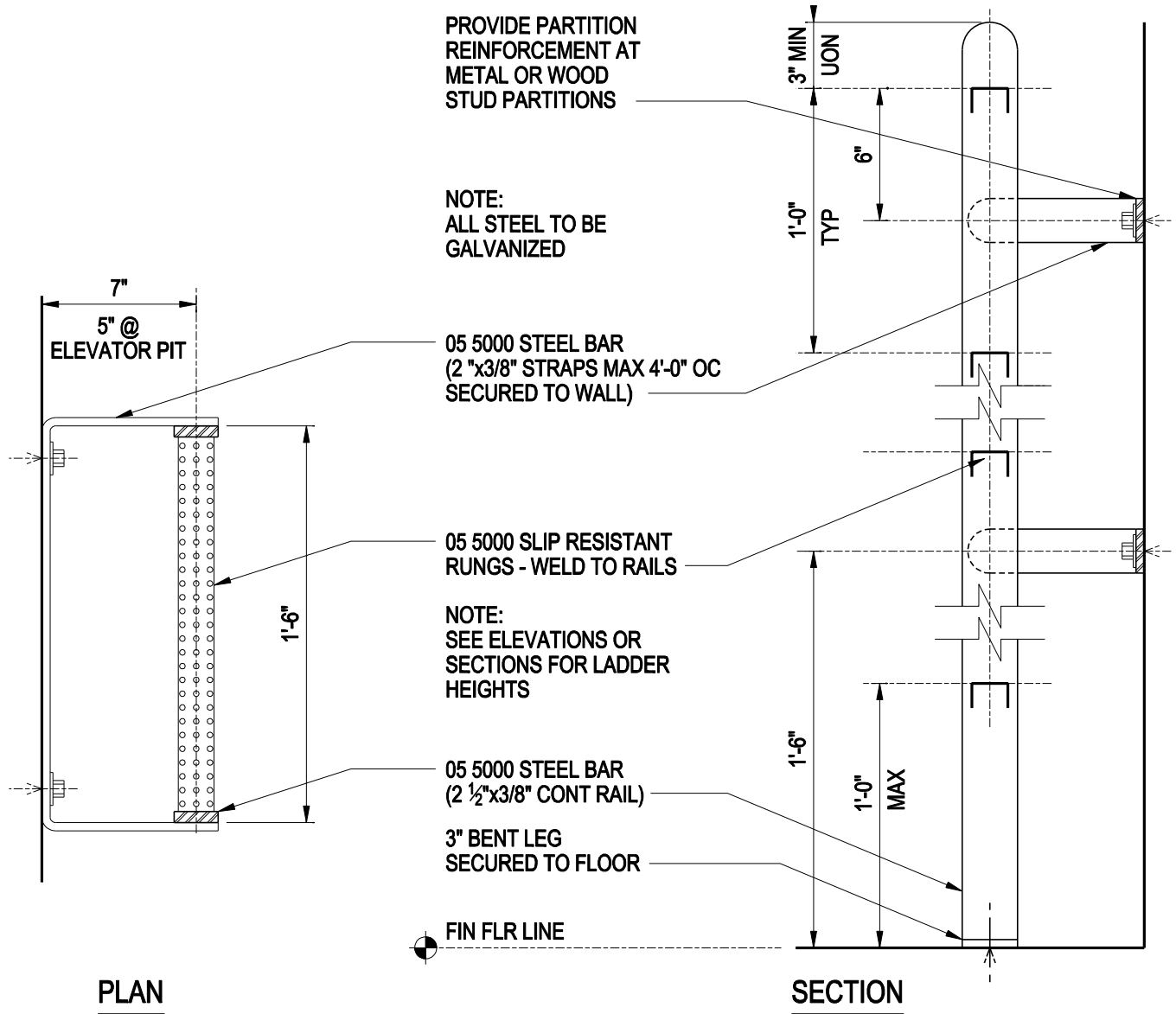
SECTIONS AND DIMENSION HEIGHT OF LADDER

AT METAL OR WOOD STUD PARTITIONS INCLUDE TYPICAL

PARTITION REINFORCEMENT DETAIL 06-101 AND KEY IN

REFERENCE THERE TO

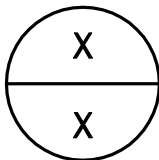
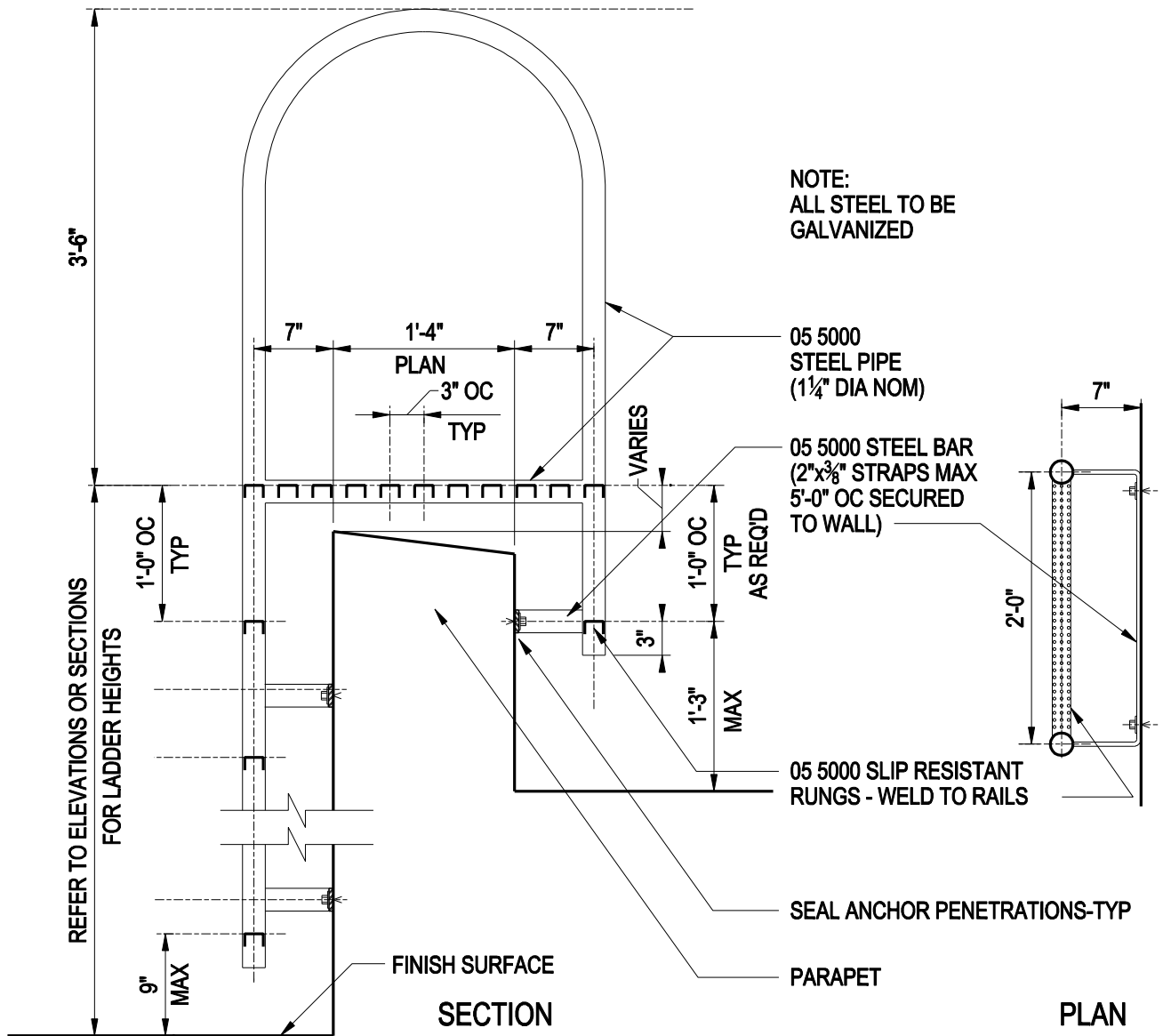
Standard Detail



STEEL LADDER

 $1 \frac{1}{2}" = 1'-0"$

Standard Detail



STEEL LADDER AT PARAPET

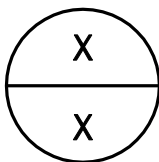
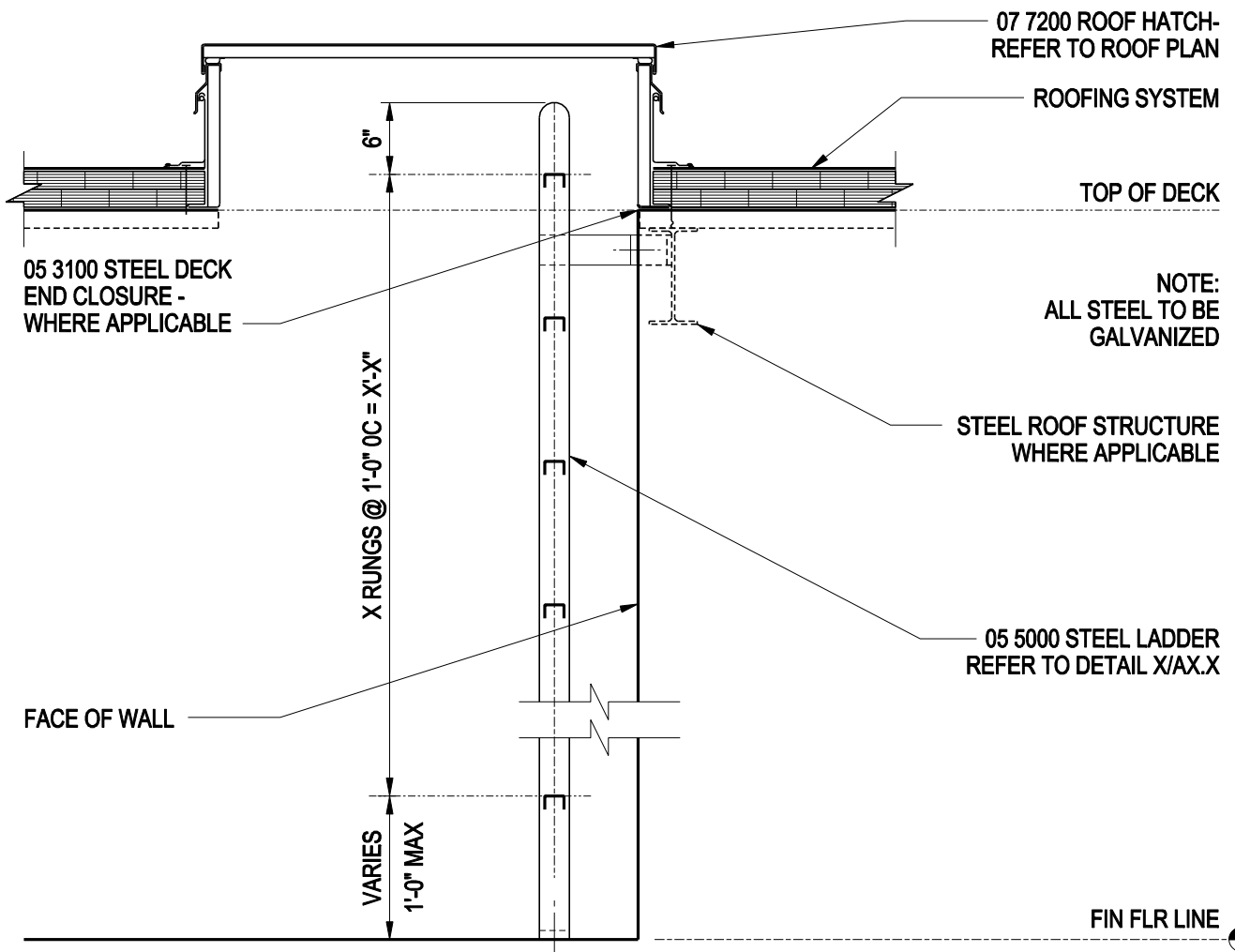
3/4" = 1'-0"

INCLUDE STEEL LADDER STD. DETAIL 05-101, ADD DETAIL

REFERENCE TO NOTE BELOW AND FILL IN LADDER

HEIGHT DIMENSIONS

Standard Detail



ROOF HATCH LADDER

3/4" = 1'-0"

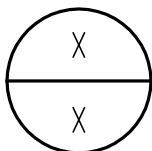
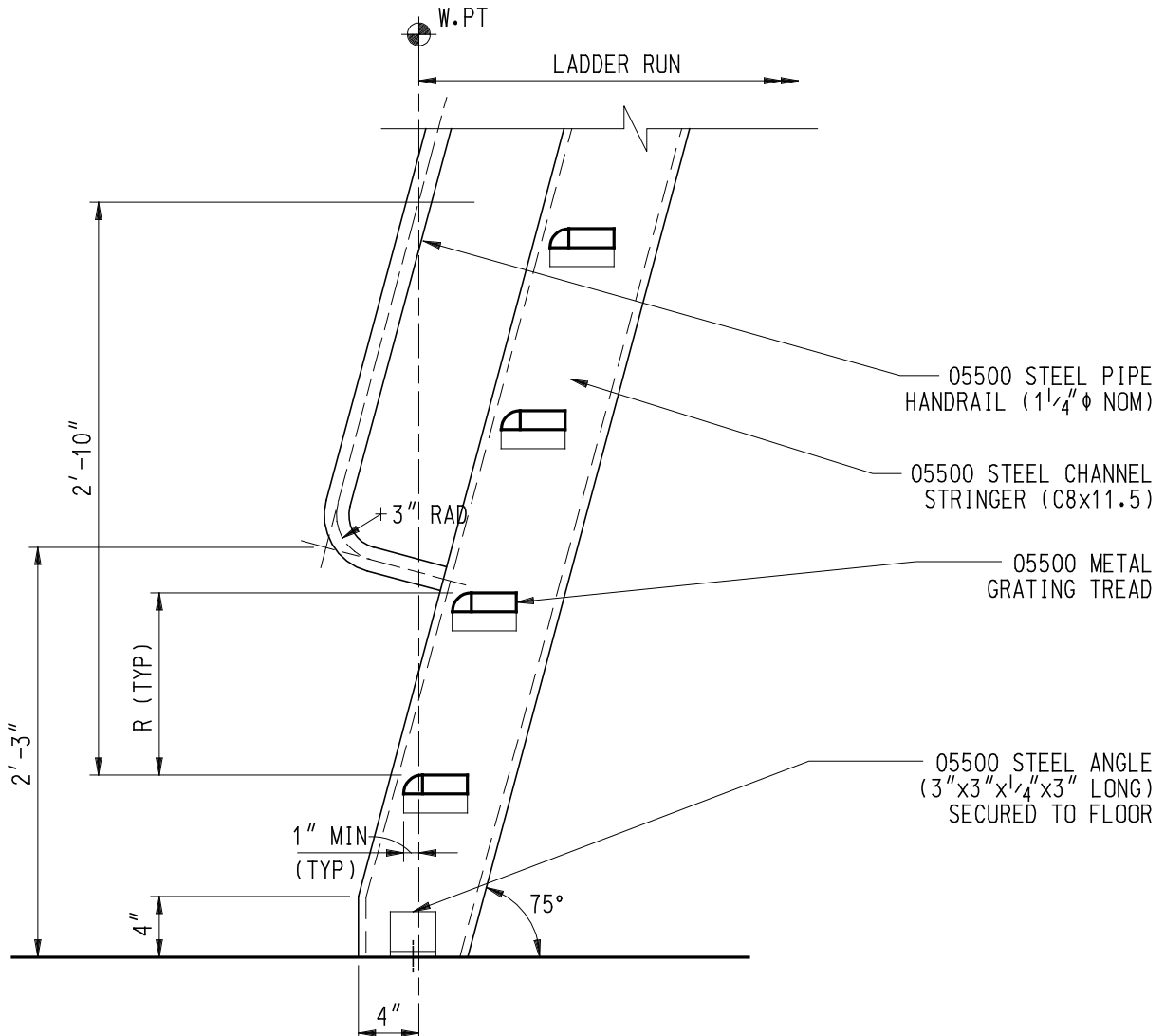


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

USE TO ACCESS ROOFS, ATTEND EQUIPMENT OR AS A SECOND EXIT FROM BOILER ROOM. DO NOT USE AS A MEANS OF EGRESS. VERIFY USE WITH CODE. LOCATE ON PLAN AND INDICATE WIDTH. DRAW $\frac{1}{4}"$ SECTION FOR MULTIPLE CONDITIONS AND/OR HEIGHTS AND INDICATE RISE AND RUN HEADROOM = 7'-0" MIN - MAX FLR TO FLR DIM = 12'-0" MIN WIDTH = 22" - MAX POST SPACING = 5'-0" RISER = $\pm 1'-0"$



SHIPS LADDER AT LOWEST FLR

1" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH05.CEL

Cell Name

05126

Date

4-AUG-00

Department

Architecture

Detail No.

05-126

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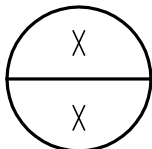
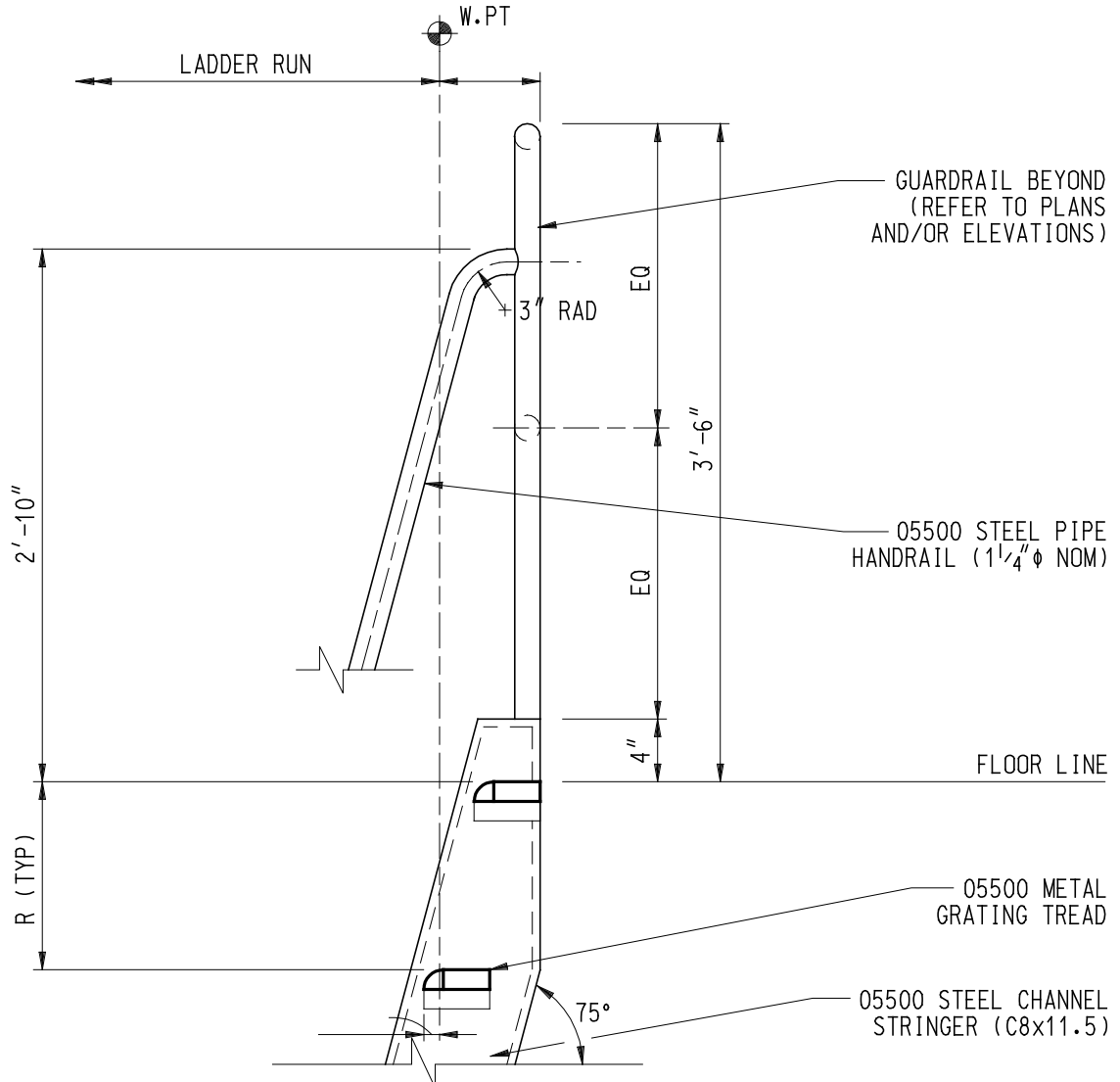


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

USE TO ACCESS ROOFS, ATTEND EQUIPMENT OR AS A SECOND EXIT FROM BOILER ROOM. DO NOT USE AS A MEANS OF EGRESS. VERIFY USE WITH CODE. LOCATE ON PLAN AND INDICATE WIDTH. DRAW $\frac{1}{4}"$ SECTION FOR MULTIPLE CONDITIONS AND/OR HEIGHTS AND INDICATE RISE AND RUN DRAW AND NOMENCLATE CONSTRUCTION AT FLOOR
HEADROOM = 7'-0" MIN - MAX FLR TO FLR DIM = 12'-0"
MIN WIDTH = 22" - MAX POST SPACING=5'-0" - RISER = 1'-0"



SHIPS LADDER AT HIGHEST FLR

1" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH05.CEL

Cell Name

05127

Date

4-AUG-00

Department

Architecture

Detail No.

05-127

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Architecture, Engineering, Interiors & Technology

Notes / Instructions

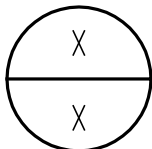
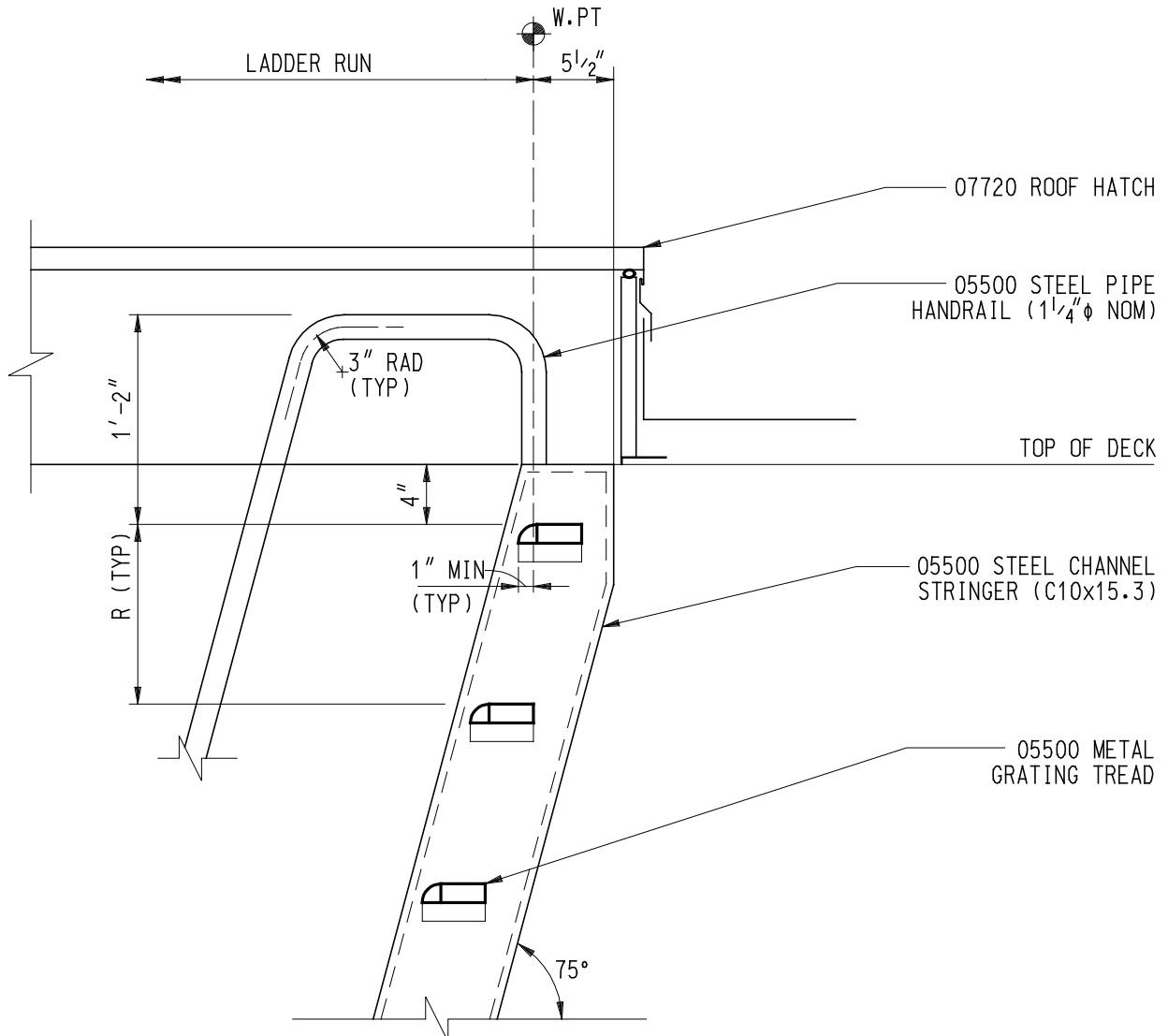
USE IN CONJUNCTION W/DETAIL 05-126

ROOF HATCH SIZE = 2'-6" x 4'-6" MIN

DRAW AND NOMENCLATE CONSTRUCTION AT ROOF

MAX STAIR WIDTH FOR ROOF HATCH = 24"

Standard Detail



SHIPS LADDER AT ROOF HATCH

1" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH05.CEL

Cell Name

05128

Date

4-AUG-00

Department

Architecture

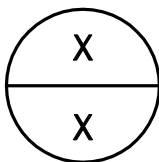
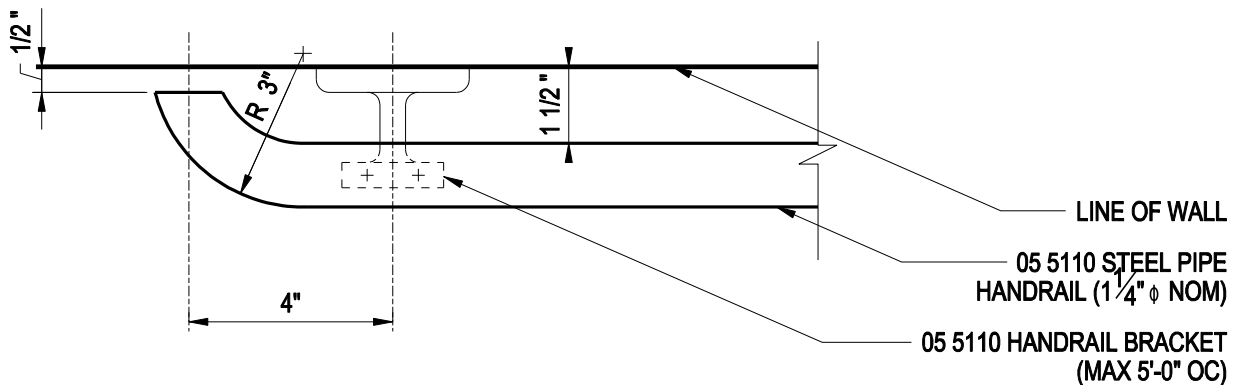
Detail No.

05-128

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X

Standard Detail

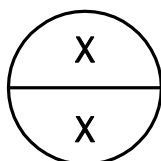
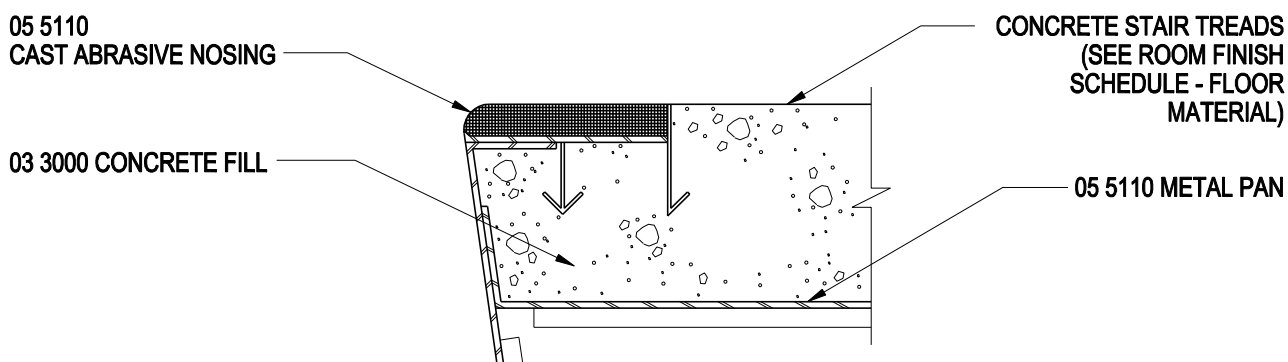


HANDRAIL TERMINATION @ WALL

3" = 1'-0"

USE ON ALL METAL PAN STAIRS WHERE FLOOR MATERIAL
IS EXPOSED CONCRETE

Standard Detail



NOSING DETAIL - CONCRETE TREAD

6" = 1'-0"

USE ON ALL METAL PAN STAIRS WHERE FLOOR MATERIAL

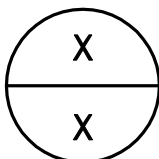
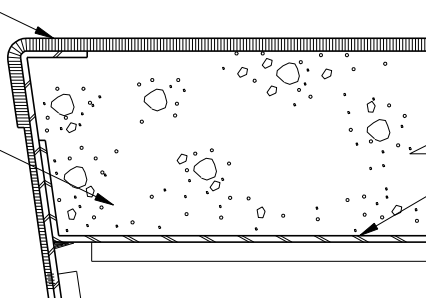
IS RESILIENT

Standard Detail

09 6519 RESILIENT STAIR
TREADS AND RISERS (SEE ROOM
FINISH - FLOOR MATERIAL

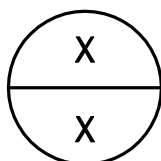
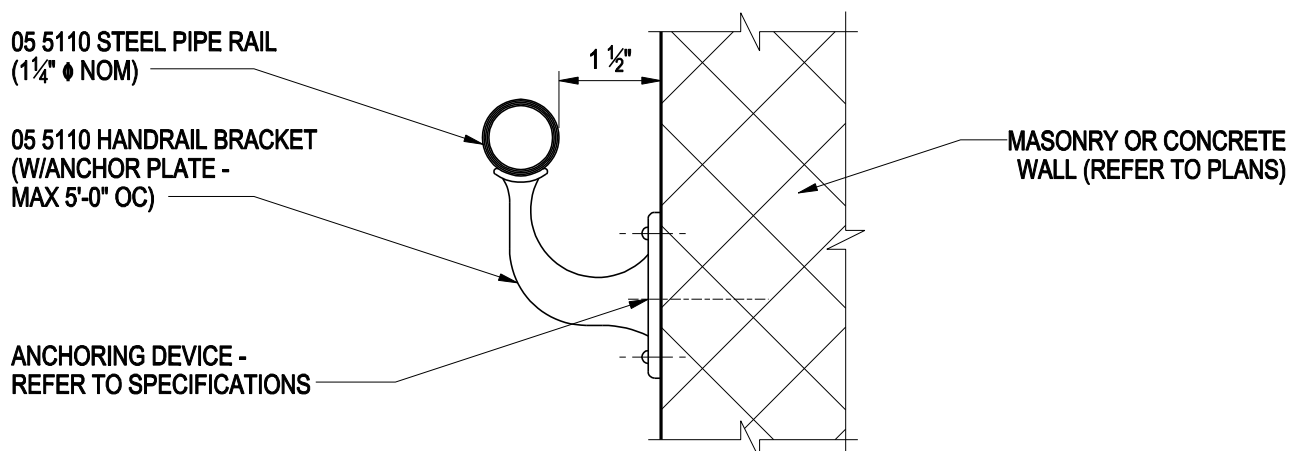
03 3000 CONCRETE FILL

05 5110 METAL PAN



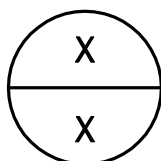
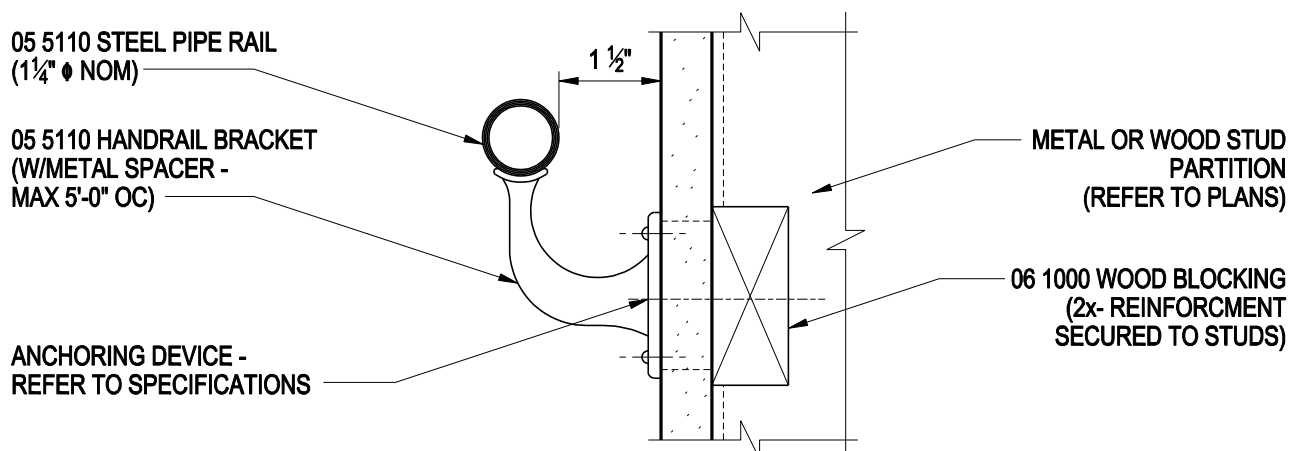
NOSING DETAIL - RESILIENT

6" = 1'-0"



HANDRAIL BRACKET

3" = 1'-0"



HANDRAIL BRACKET

3" = 1'-0"

TYPICAL HANDRAIL (2000 IBC)

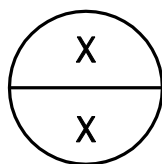
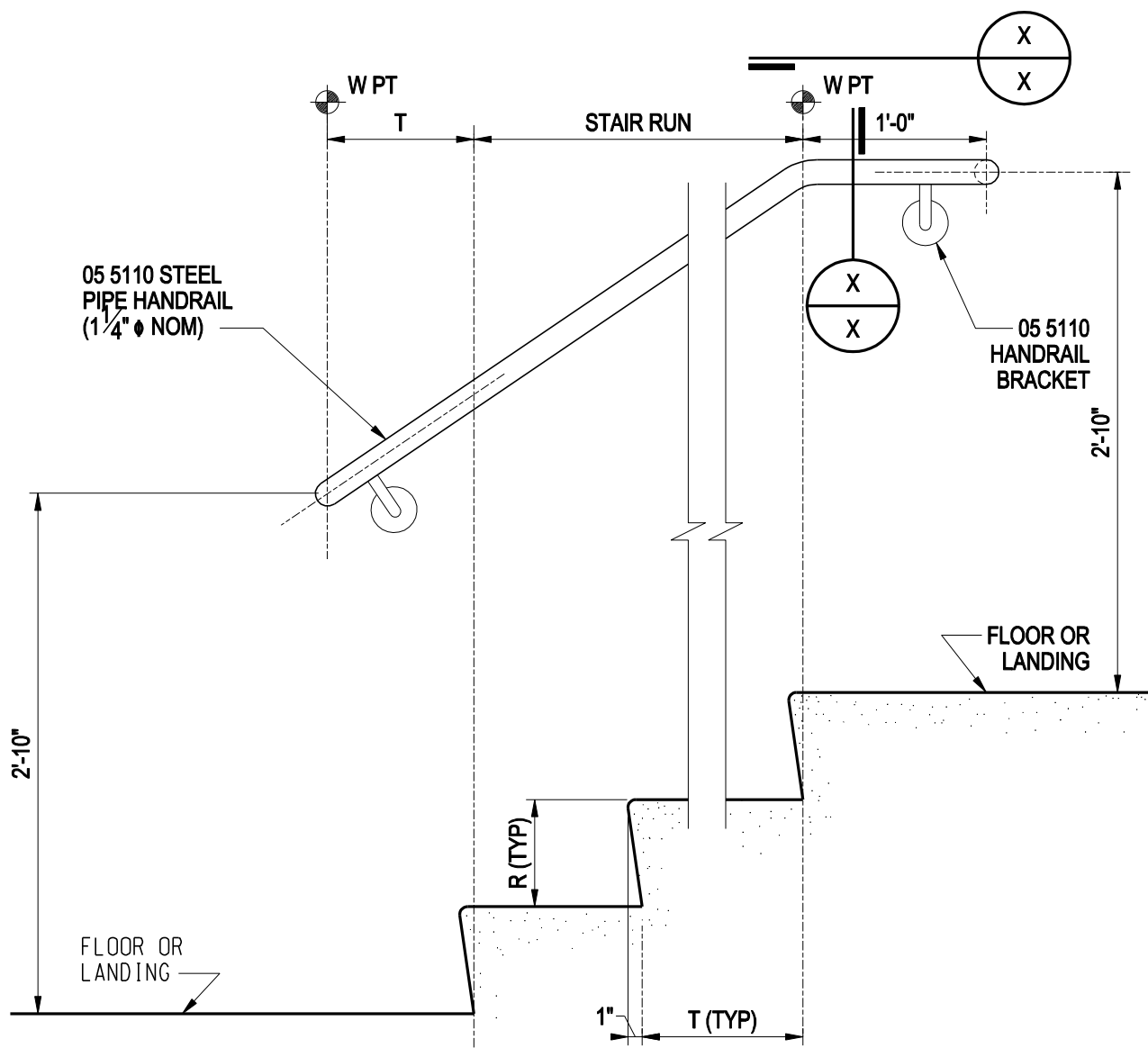
INCLUDE AND REFERENCE HANDRAIL TERMINATION AT WALL -

DETAIL 05-201 AND HANDRAIL BRACKET - DETAIL 05-204

OR 05-205

MAXIMUM HANDRAIL BRACKET SPACING = 5'-0" OC

Standard Detail



STAIR HANDRAIL AT WALL

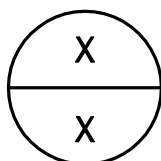
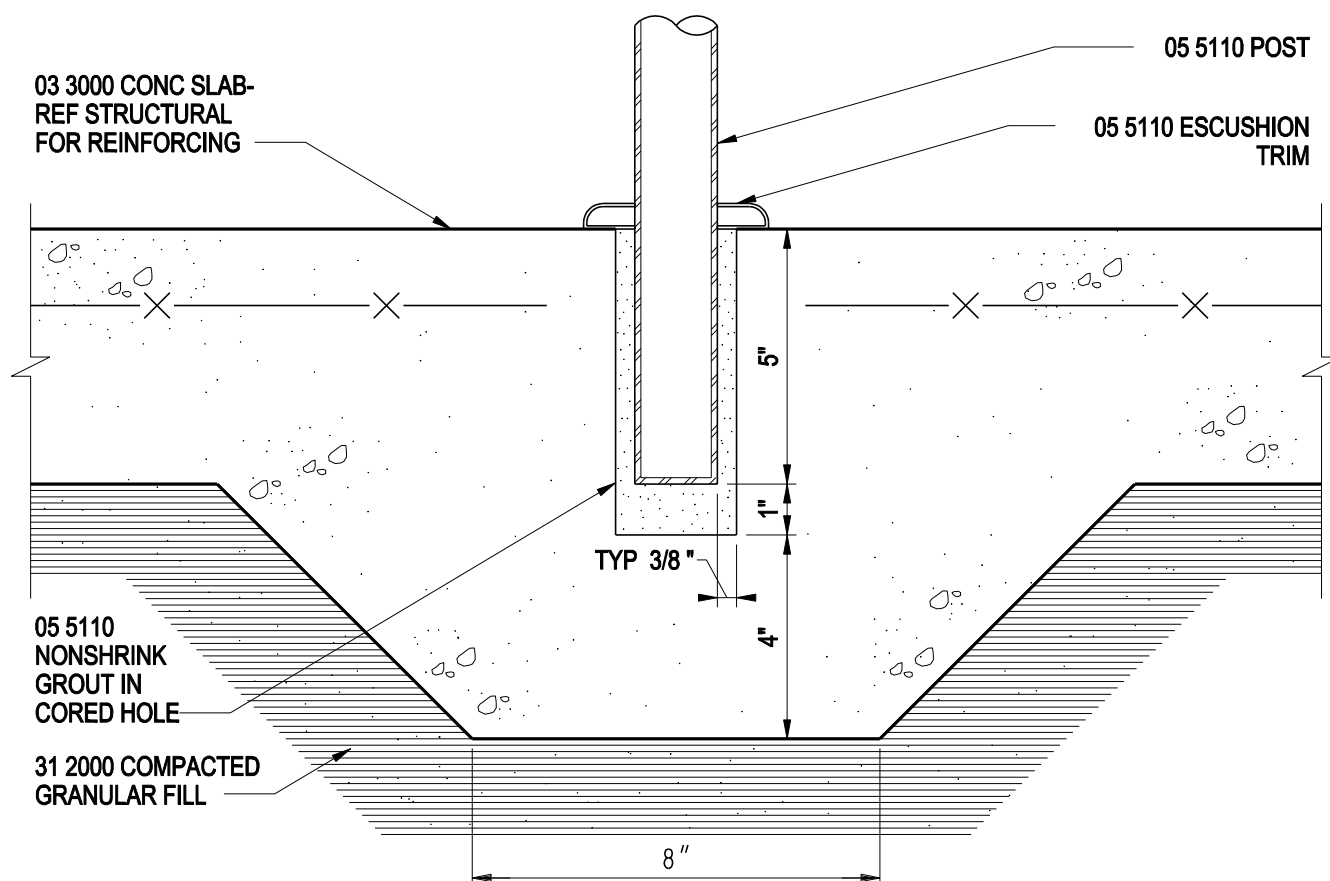
1" = 1'-0"

USE FOR HANDRAIL OR GUARDRAIL POSTS IN CONCRETE

SLABS ON GRADE

LOCATE AND DIMENSION POST SPACING ON PLANS

Standard Detail

**POST EMBEDMENT**

3" = 1'-0"

Notes / Instructions

USE IN CONJUNCTION WITH AND REFERENCE FROM 05-300

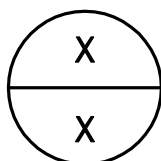
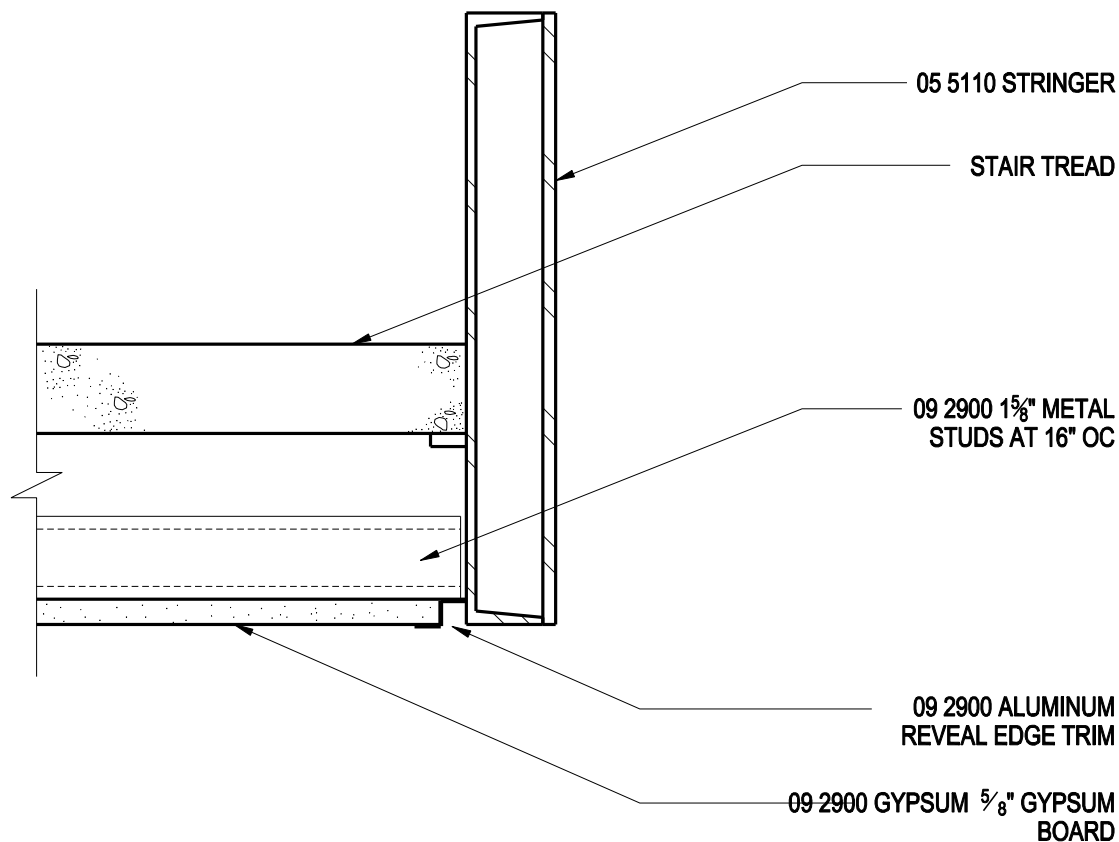
SERIES STAIR DETAILS FOR GYP BOARD SOFFITS AT STAIR

RUNS, LANDING AND FLOORS

COORDINATE ROUTING OF FIRE PROTECTION LINES

WITH MECHANICAL (IF ANY)

Standard Detail



SOFFIT AT STAIR RUN

3" = 1'-0"

Cell Library

ARCH05.CEL

Cell Name

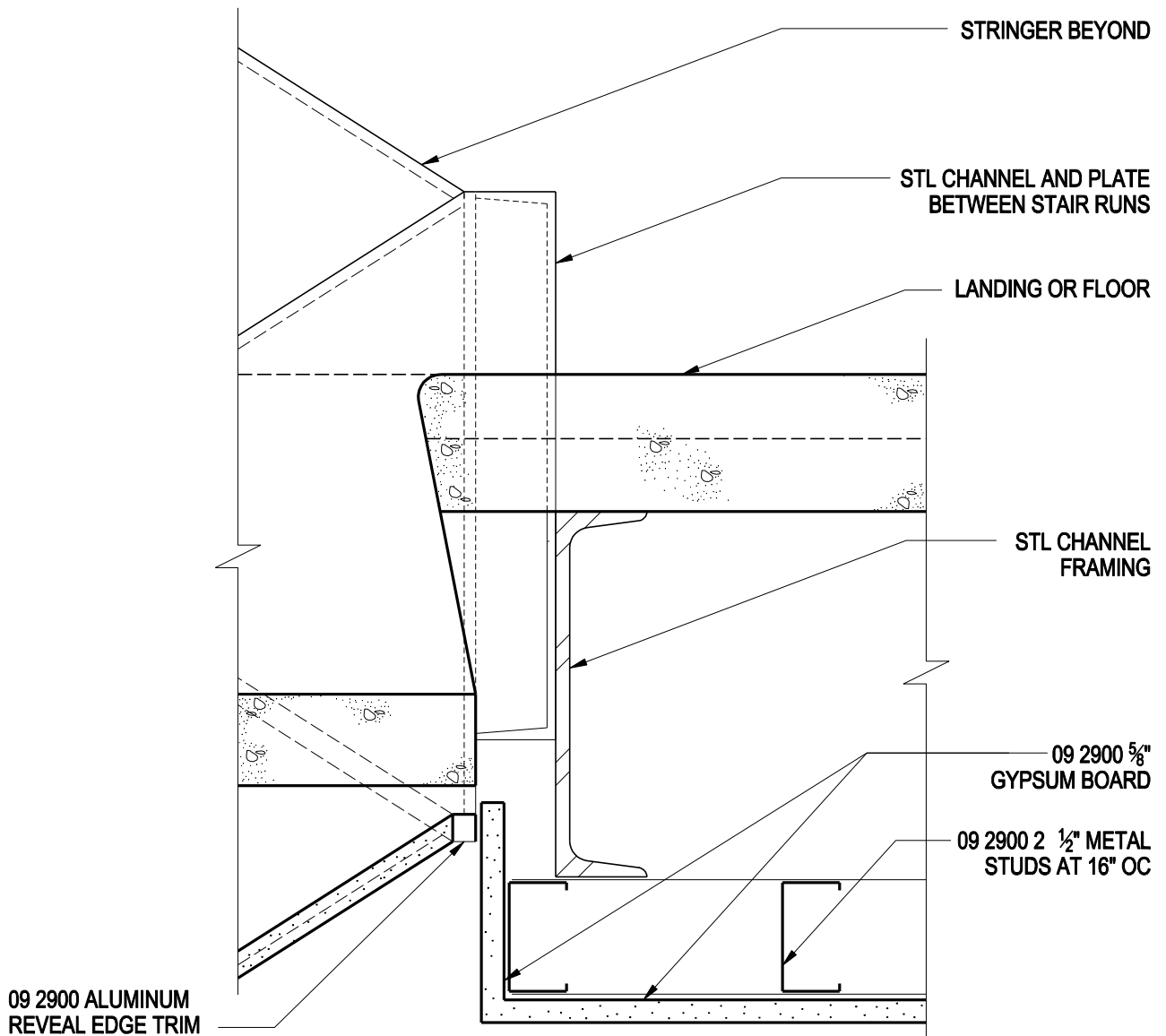
05251

Date

2019

Detail Number

05-251



X
X
SOFFIT AT STAIR LANDING OR FLOOR
3" = 1'-0"

Notes / Instructions

USE IN CONJUNCTION WITH AND REFERENCE FROM 05-300

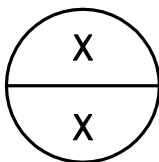
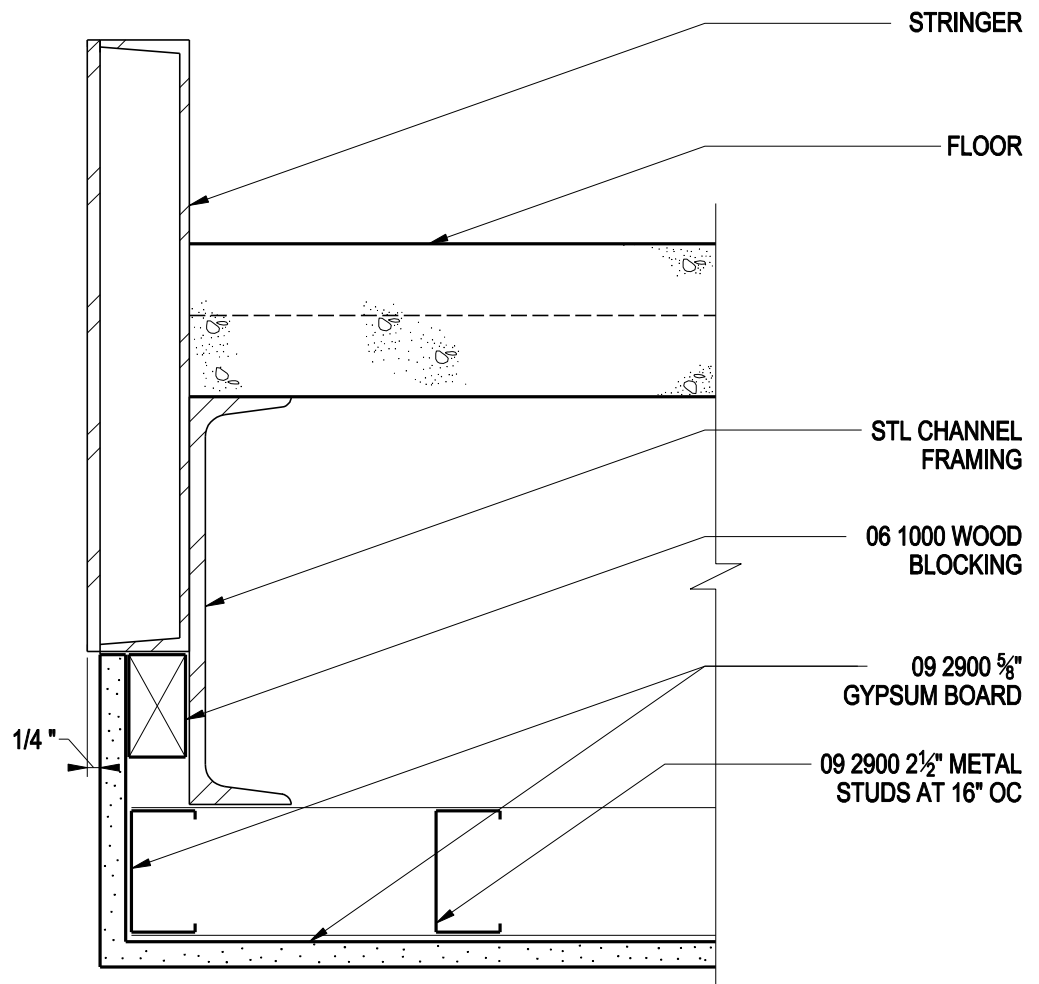
SERIES STAIR DETAILS FOR GYP BOARD SOFFITS AT STAIR

RUNS, LANDING AND FLOORS

COORDINATE ROUTING OF FIRE PROTECTION LINES

WITH MECHANICAL (IF ANY)

Standard Detail



SOFFIT AT HIGHEST FLOOR

3" = 1'-0"

Cell Library

ARCH05.CEL

Cell Name

05253

Date

2019

Detail Number

05-253

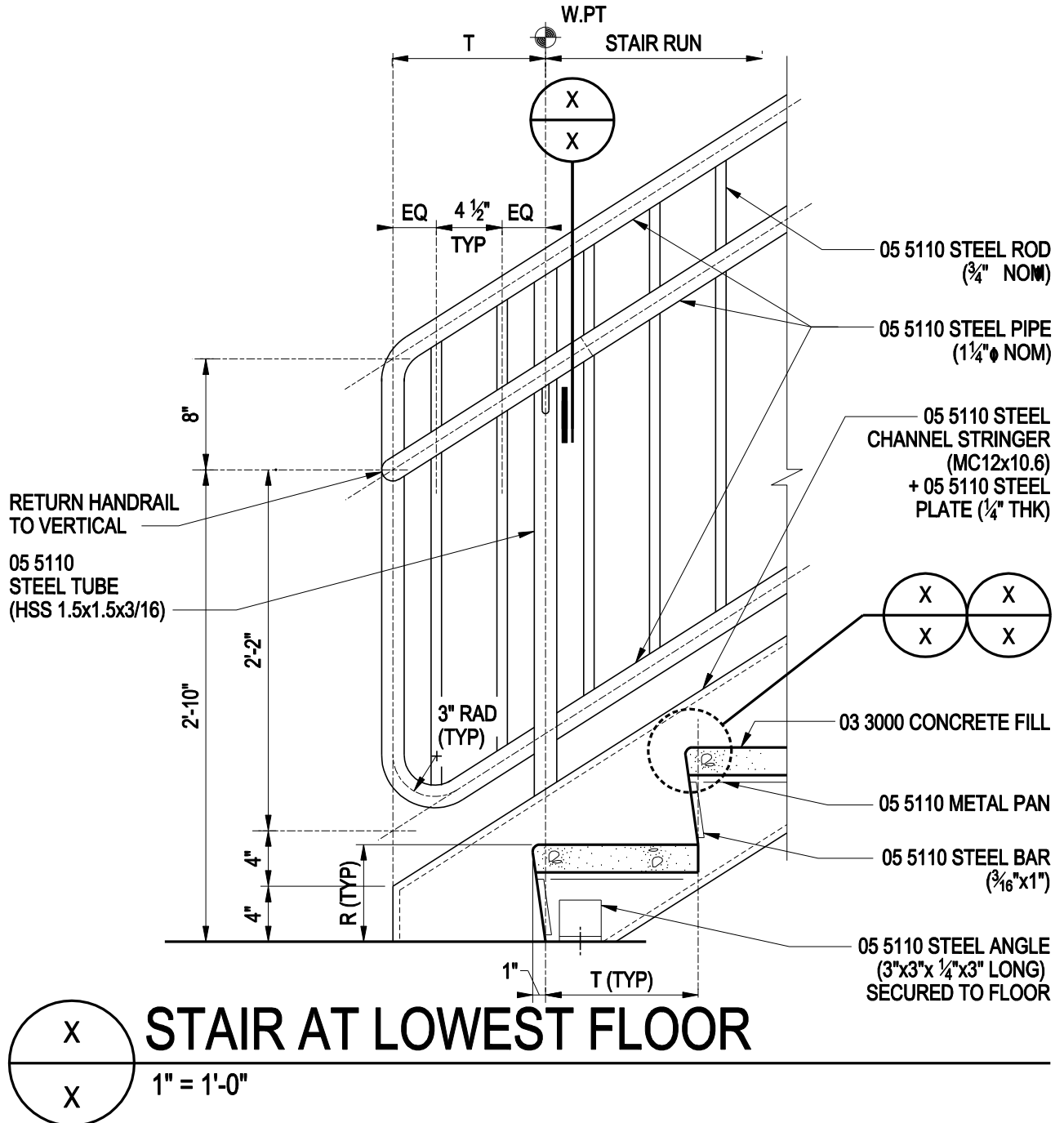
VERIFY STRINGER W/ STRUCTURAL

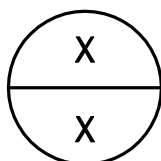
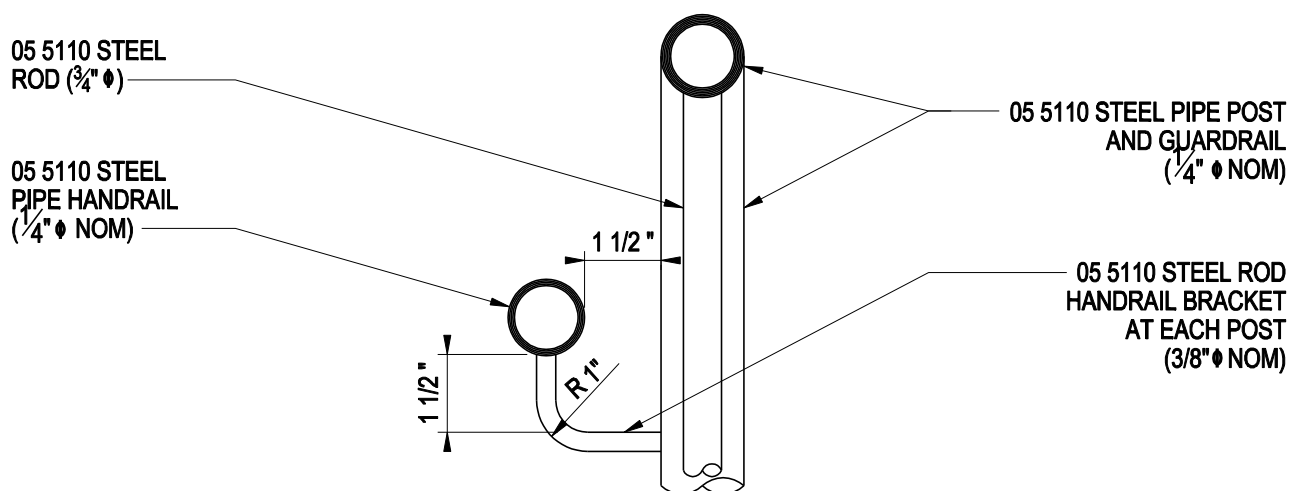
-REFERENCE NOSING DETAIL AND HANDRAIL

BRACKET (05-322). TYPICAL HANDRAIL W/ GUARDRAIL

(2009 MBC & 1997 NFPA) - MAXIMUM POST SPACING = 5'-0"

Standard Detail

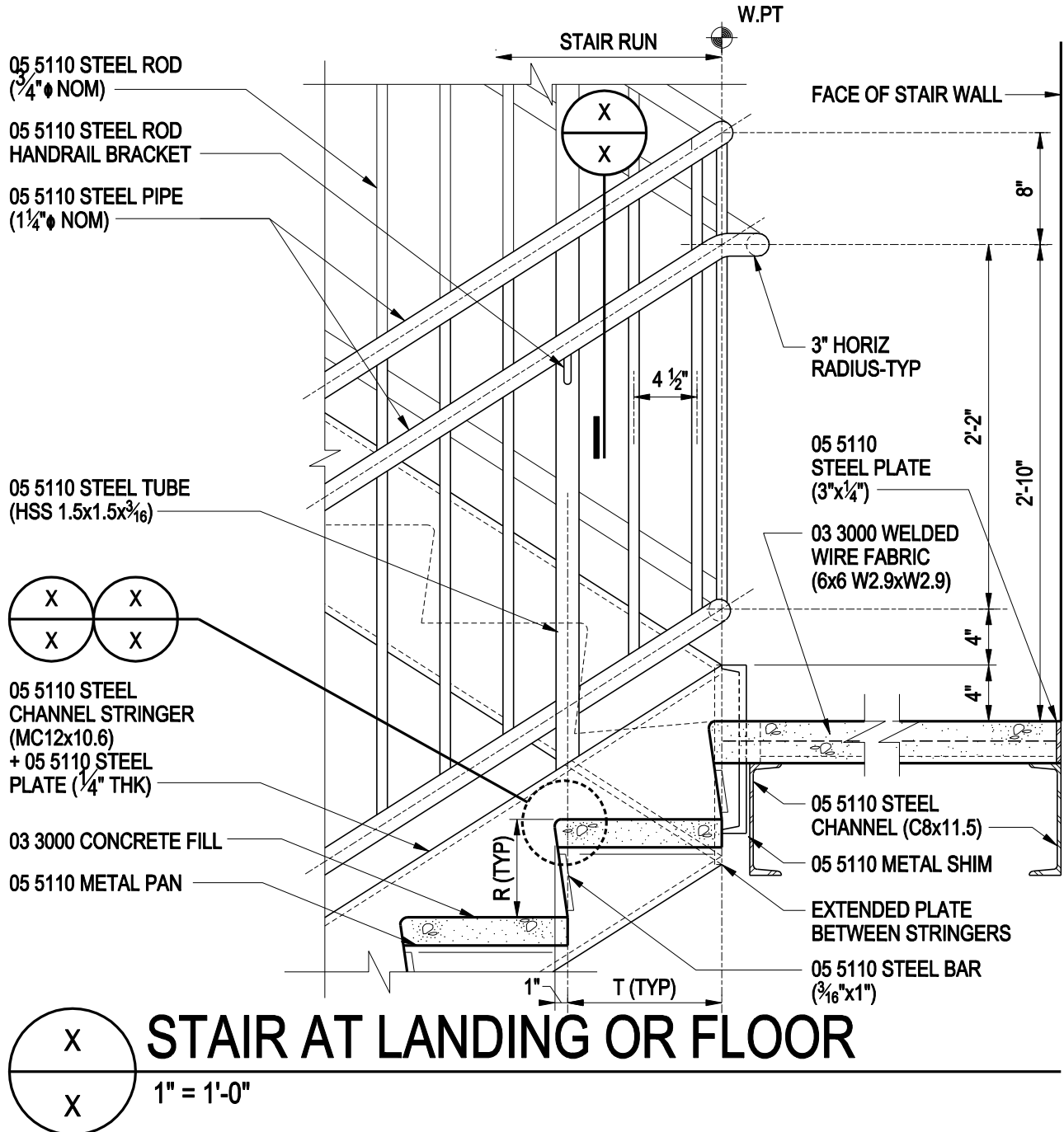


**HANDRAIL BRACKET**

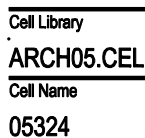
3" = 1'-0"

VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
BRACKET (05-322). TYPICAL HANDRAIL W/ GUARDRAIL
(2009 MBC & 1997 NFPA) - MAXIMUM POST SPACING = 5'-0"

Standard Detail

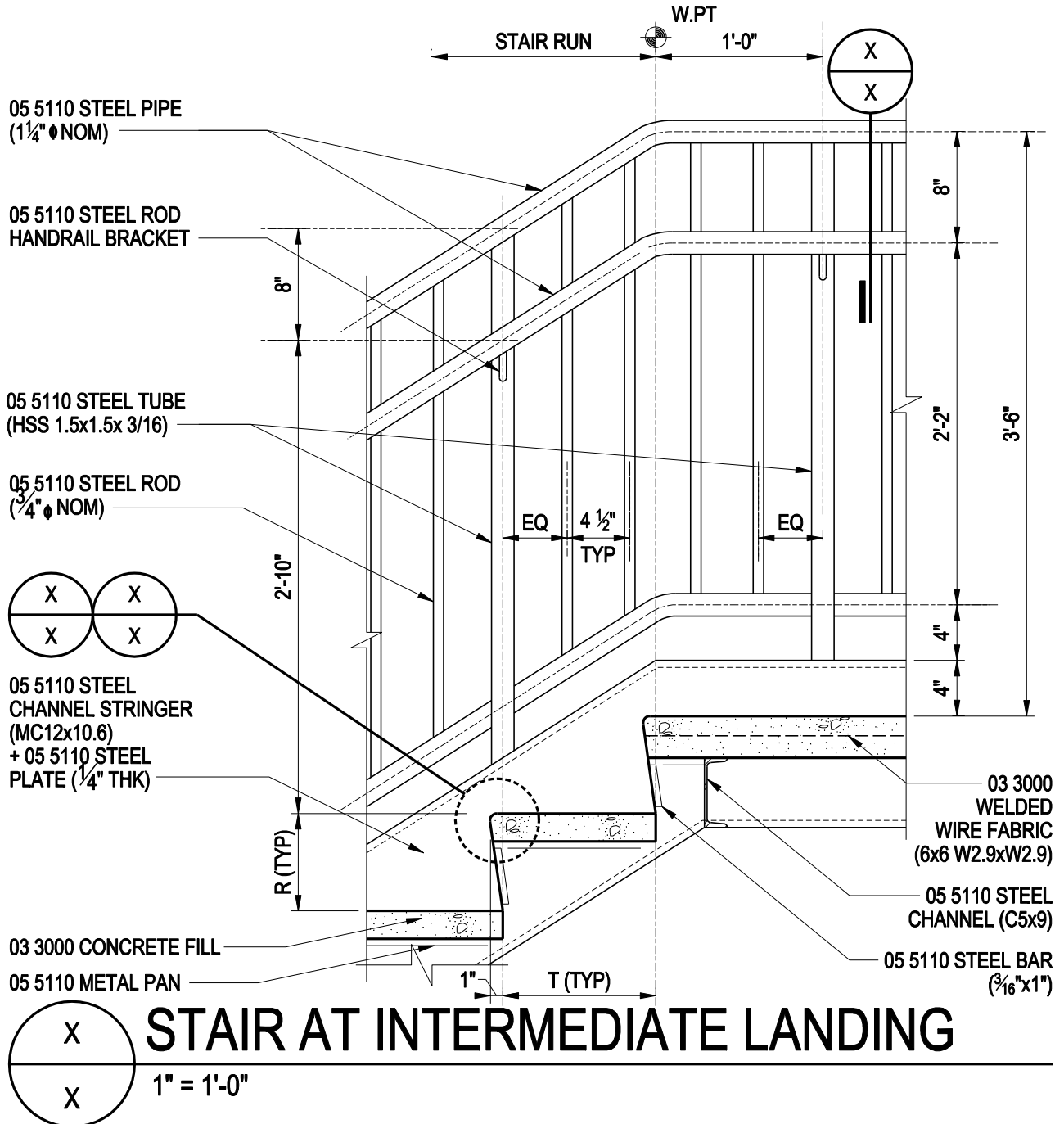


Standard Detail



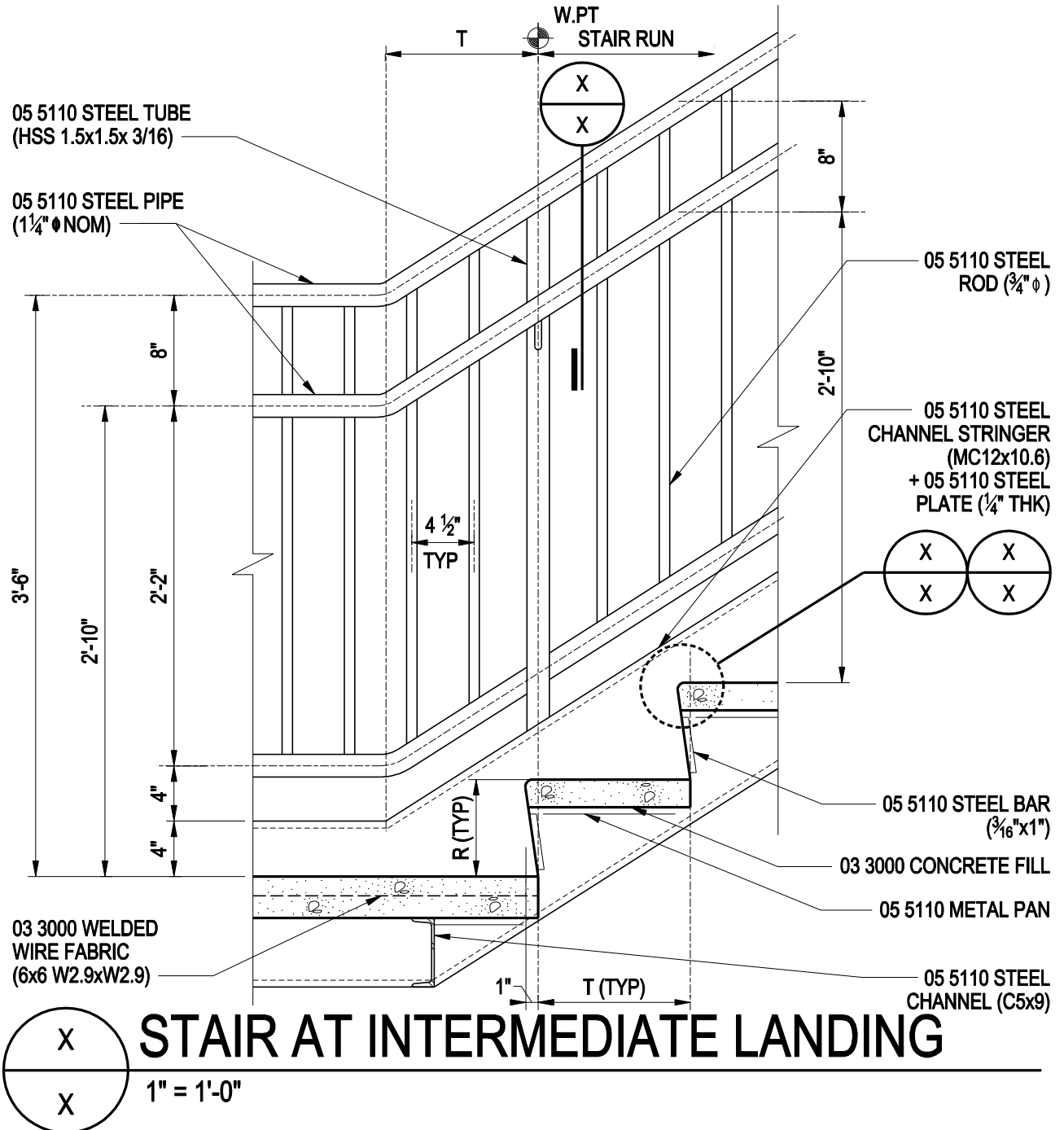
VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
BRACKET (05-322). TYPICAL HANDRAIL W/ GUARDRAIL
(2009 MBC & 1997 NFPA) - MAXIMUM POST SPACING = 5'-0"

Standard Detail



VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
BRACKET (05-322). TYPICAL HANDRAIL W/ GUARDRAIL
(2009 MBC & 1997 NFPA) - MAXIMUM POST SPACING = 5'-0"

Standard Detail



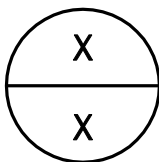
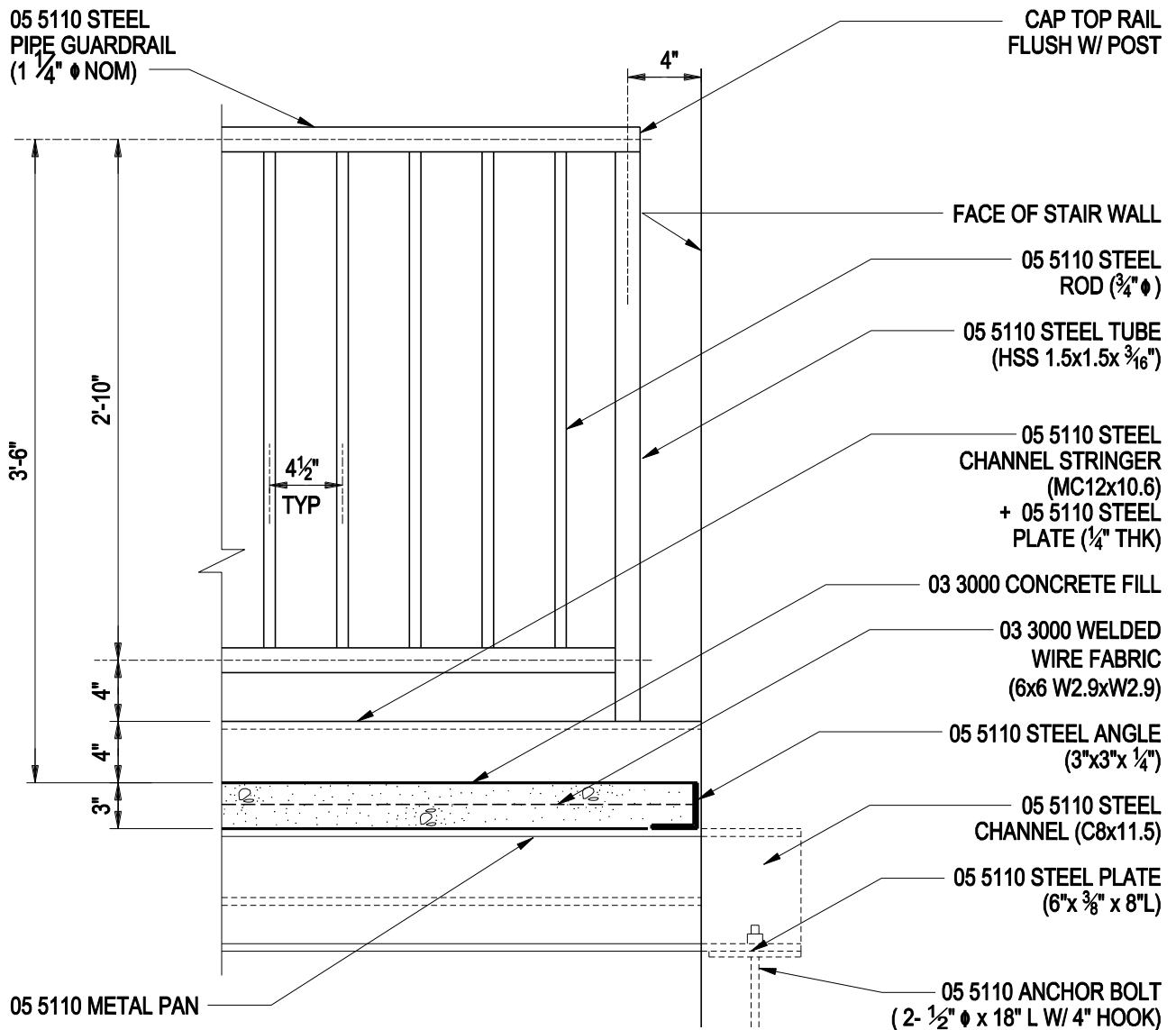
USE ONLY WITH WALL BEARING MASONRY WALL DESIGN

VERIFY LANDING/FLOOR CHANNEL W/STRUCTURAL

TYPICAL GUARDRAIL (2009 MBC & 1997 NFPA)

MAXIMUM POST SPACING = 5'-0"

Standard Detail



GUARDRAIL AT LANDING OR FLOOR

1" = 1'-0"

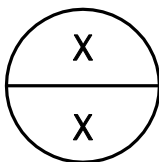
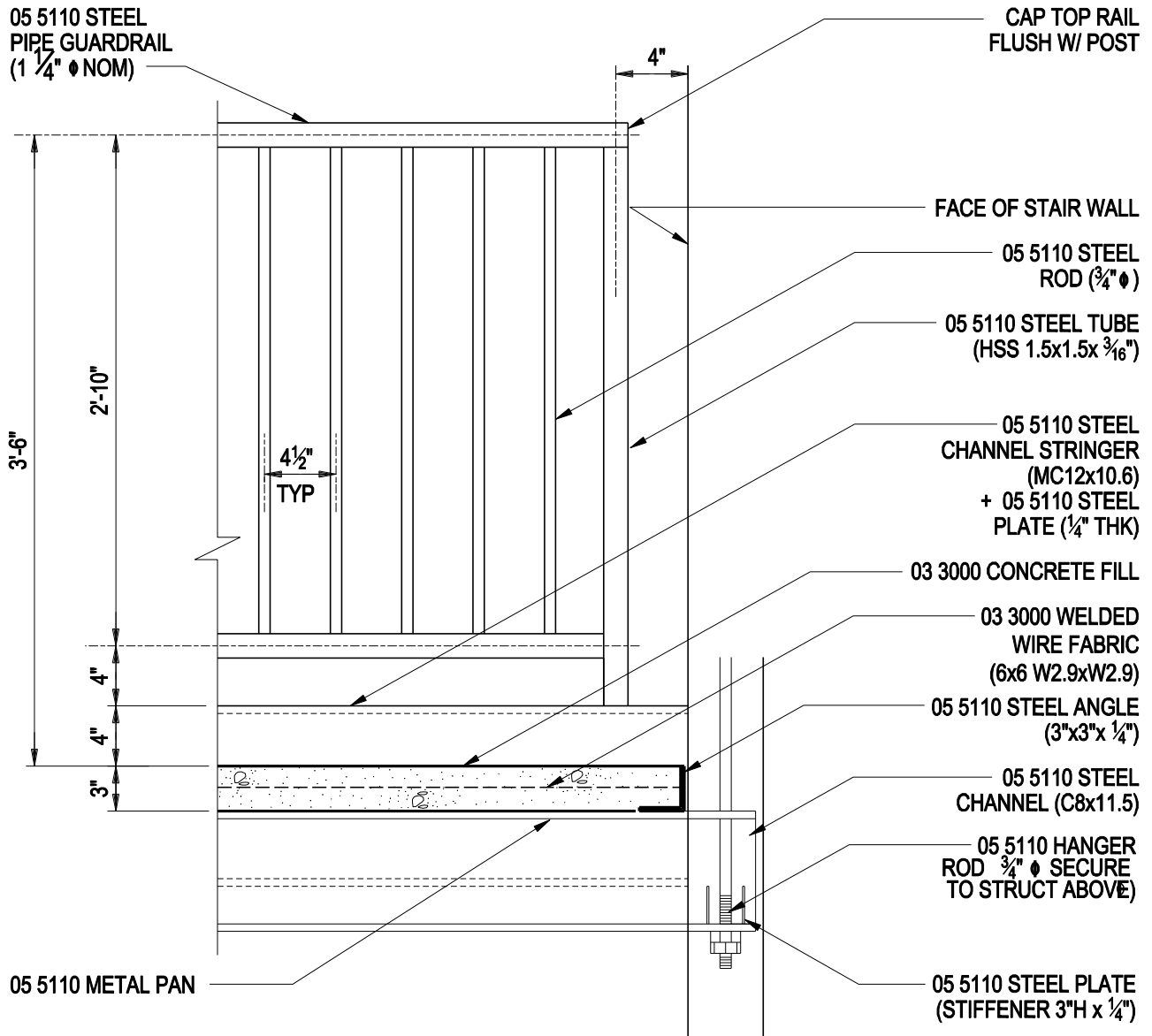
USE ONLY WHEN LANDING SUPPORT IS HUNG FROM STRUCTURE

VERIFY LANDING/FLOOR CHANNEL W/STRUCTURAL

TYPICAL GUARDRAIL (2009 MBC & 1997 NFPA)

MAXIMUM POST SPACING = 5'-0"

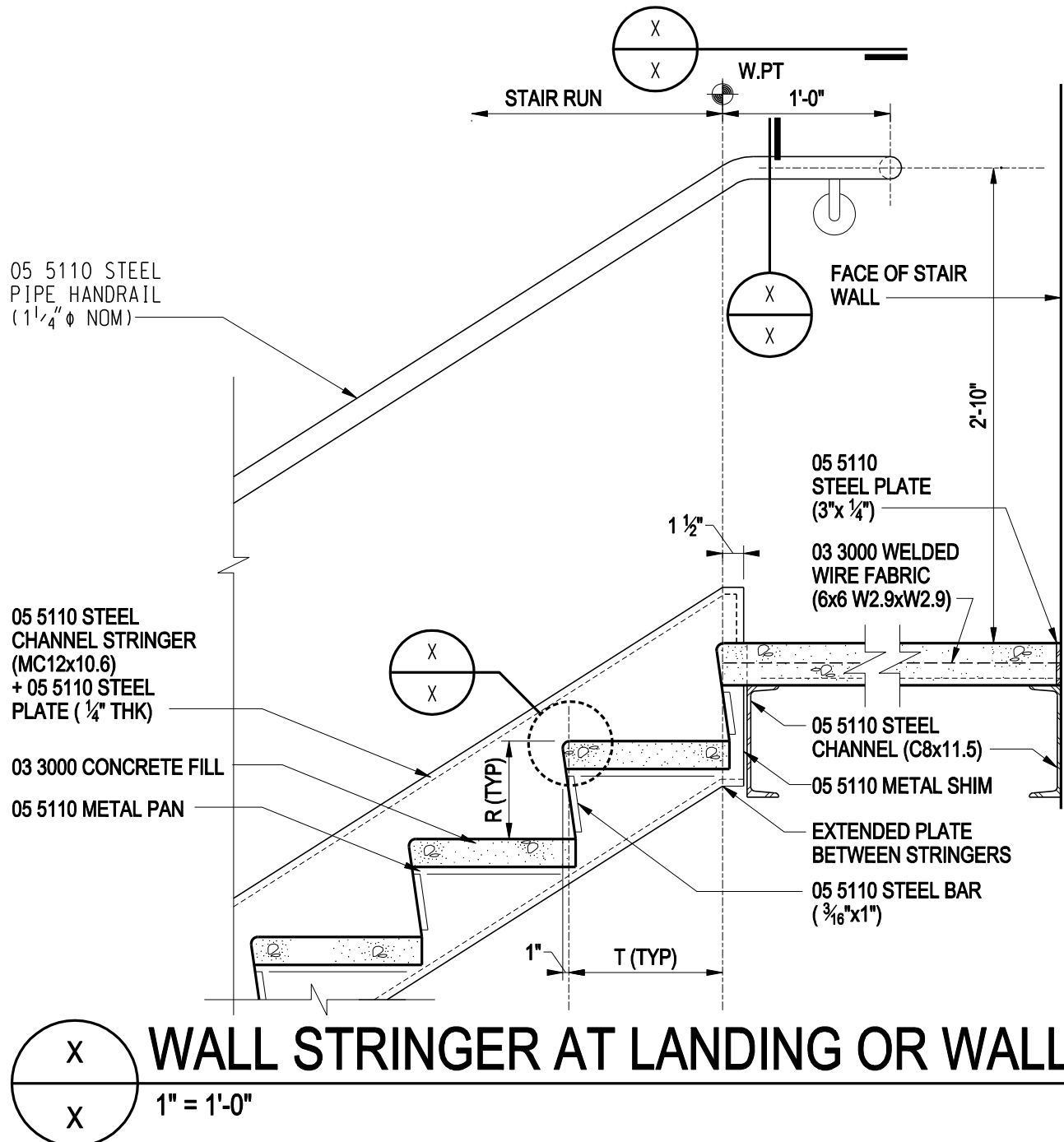
Standard Detail



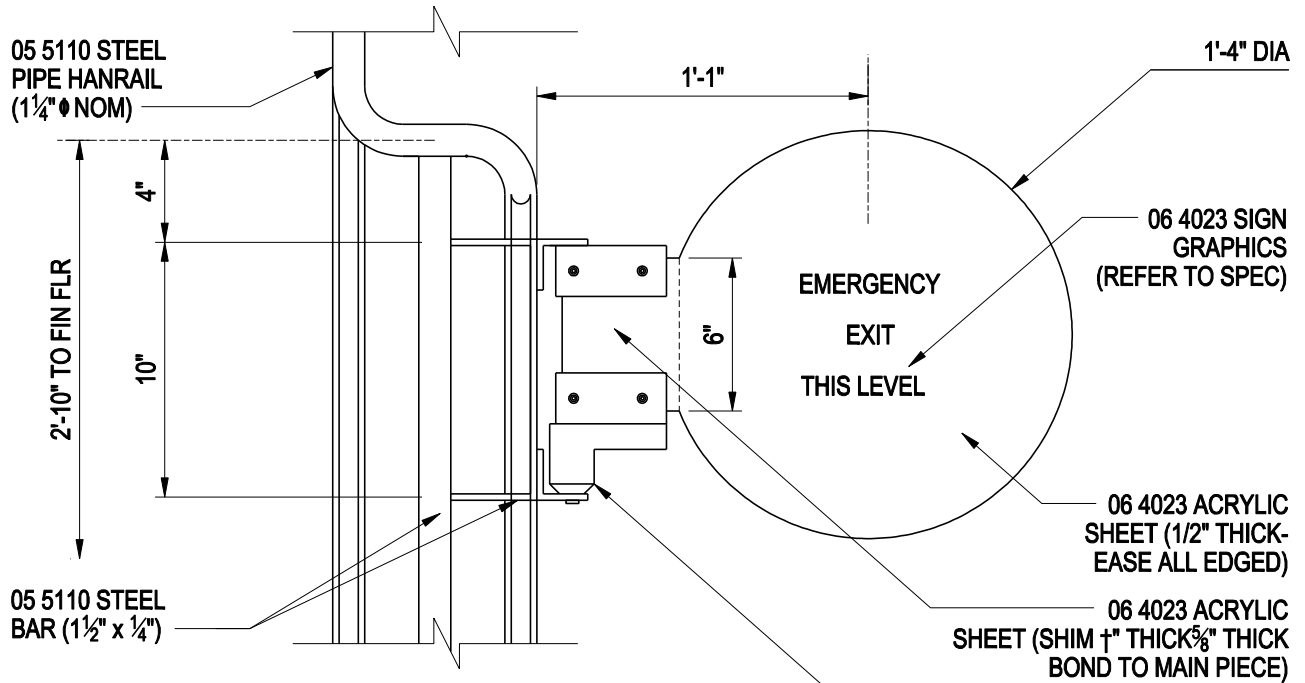
GUARDRAIL AT LANDING OR FLOOR

1" = 1'-0"

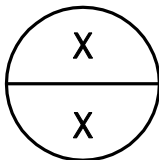
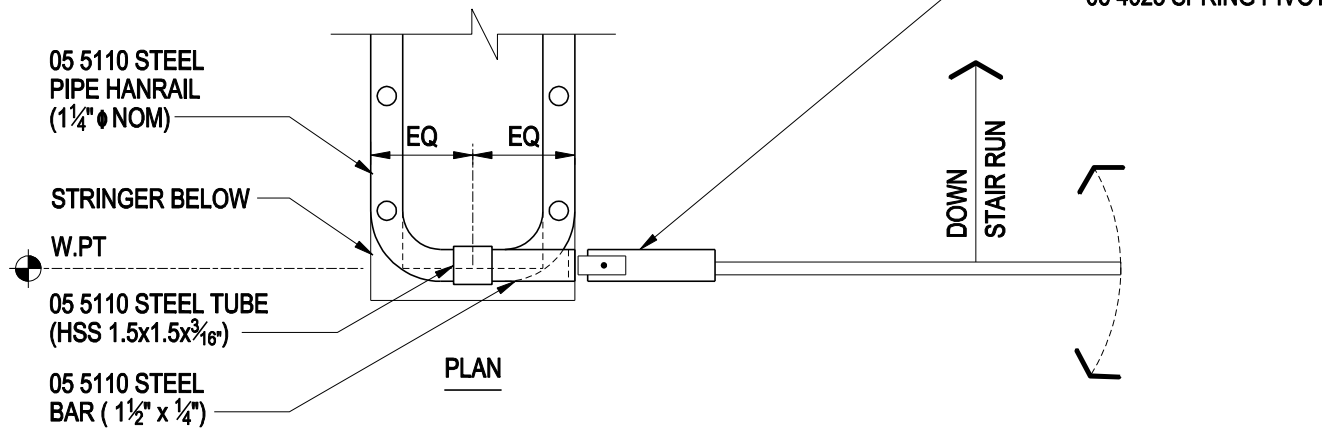
Standard Detail



Standard Detail



ELEVATION



STAIR DISCHARGE GATE

1 1/2" = 1'-0"

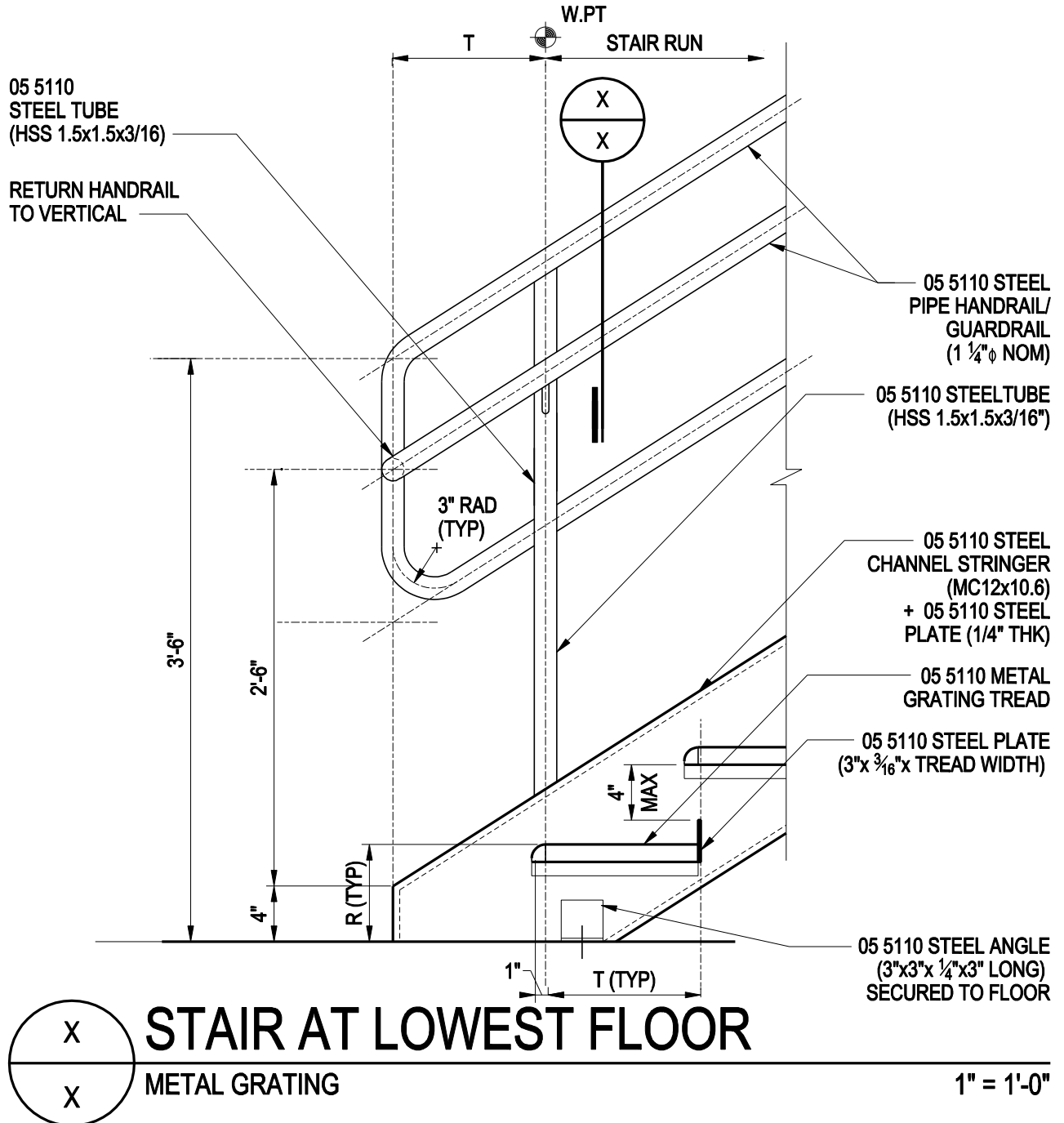
VERIFY STRINGER SIZE AND LANDING CHANNEL W/STRUCTURAL

- TYPICAL FOR GROUPS "F", "H", & "S" (2009 MBC)

MAXIMUM POST SPACING = 5'-0"

REF HANDRAIL BRACKET DETAIL 05-322

Standard Detail



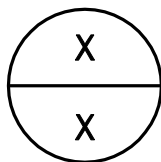
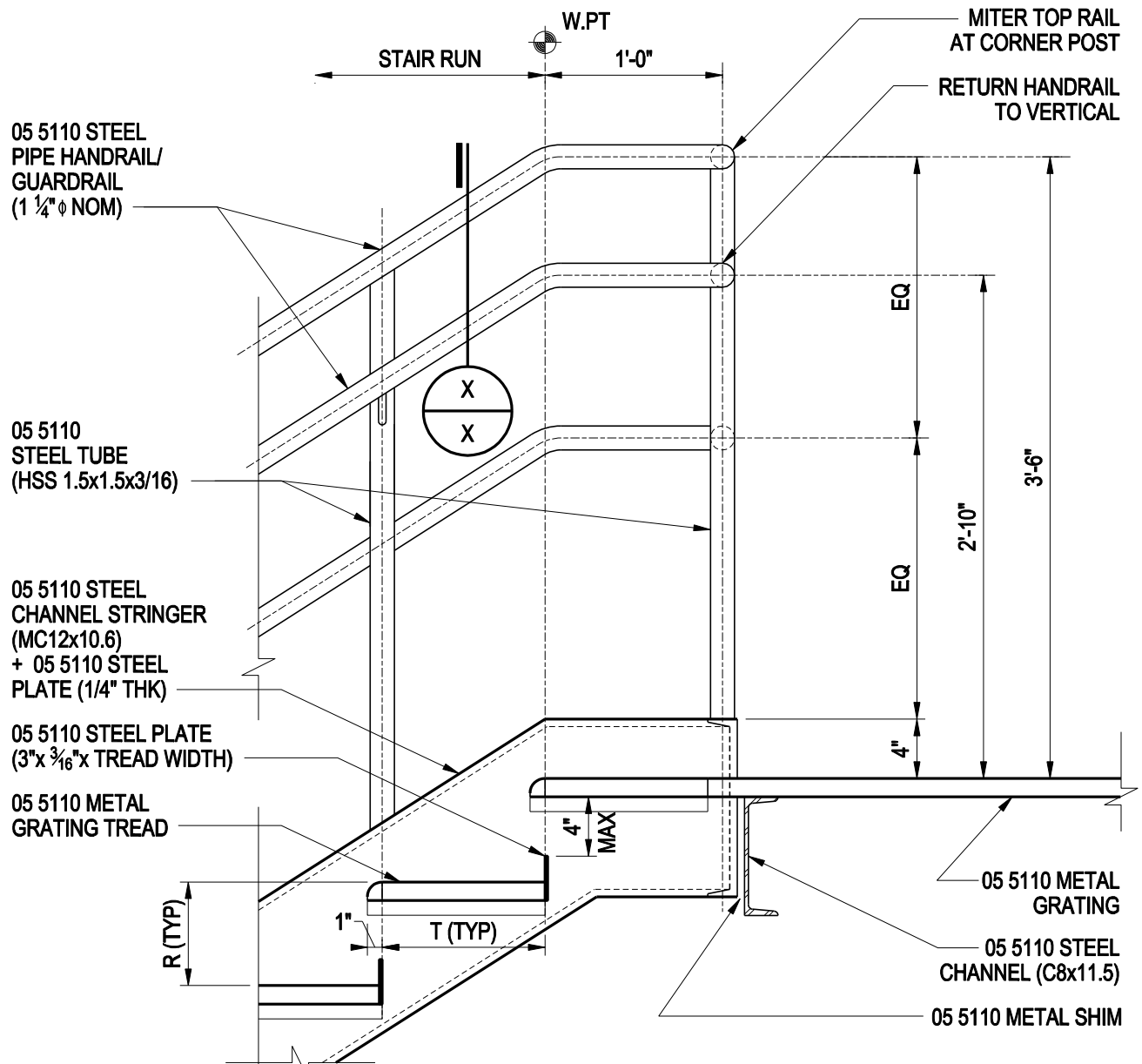
VERIFY STRINGER SIZE AND LANDING CHANNEL W/STRUCTURAL

- TYPICAL FOR GROUPS "F", "H", & "S" (2009 MBC)

MAXIMUM POST SPACING = 5'-0"

REF HANDRAIL BRACKET DETAIL 05-322

Standard Detail



STAIR AT HIGHEST FLOOR

METAL GRATING

1" = 1'-0"

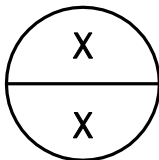
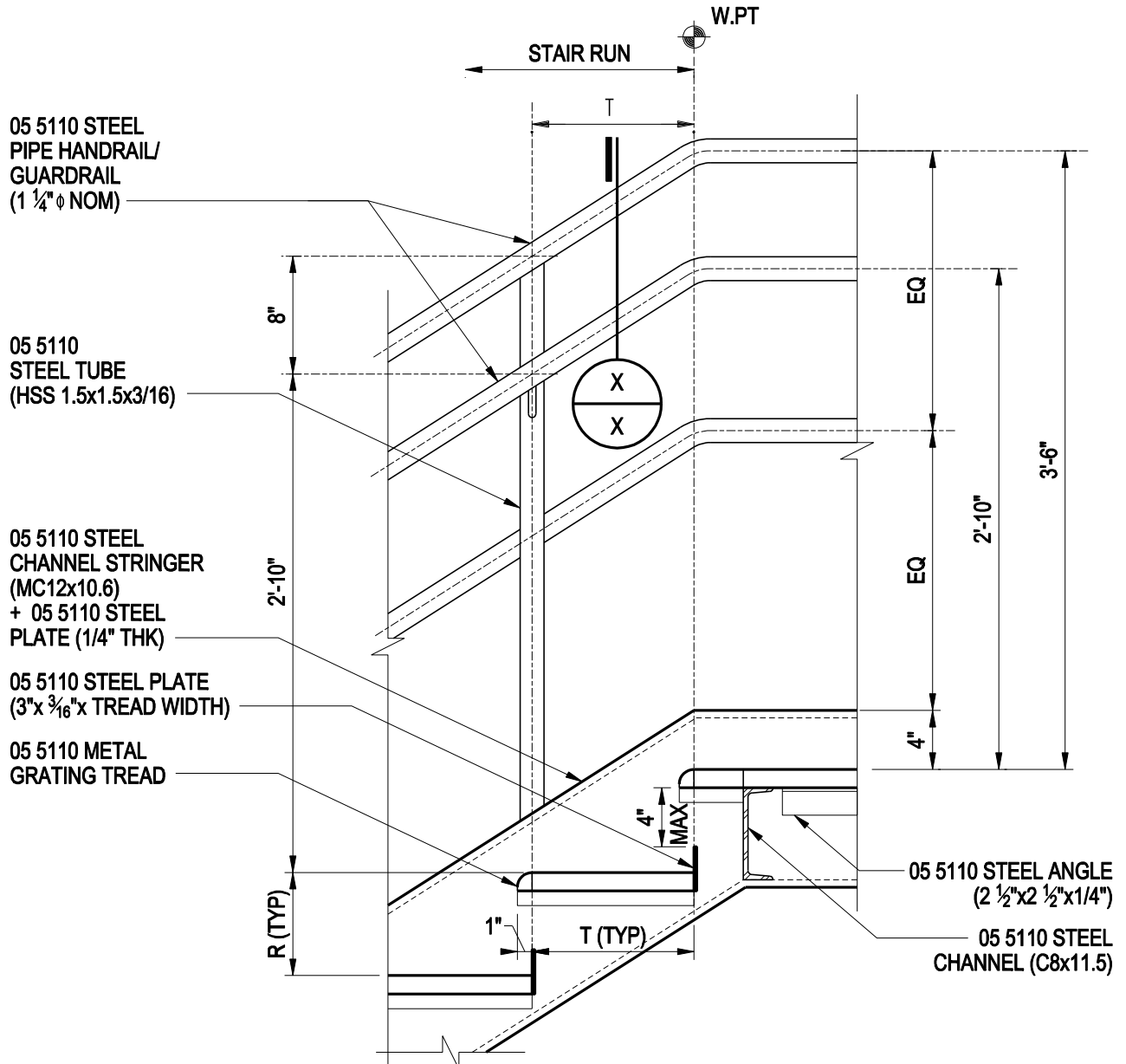
VERIFY STRINGER SIZE AND LANDING CHANNEL W/STRUCTURAL

- TYPICAL FOR GROUPS "F", "H", & "S" (2009 MBC)

MAXIMUM POST SPACING = 5'-0"

REF HANDRAIL BRACKET DETAIL 05-322

Standard Detail

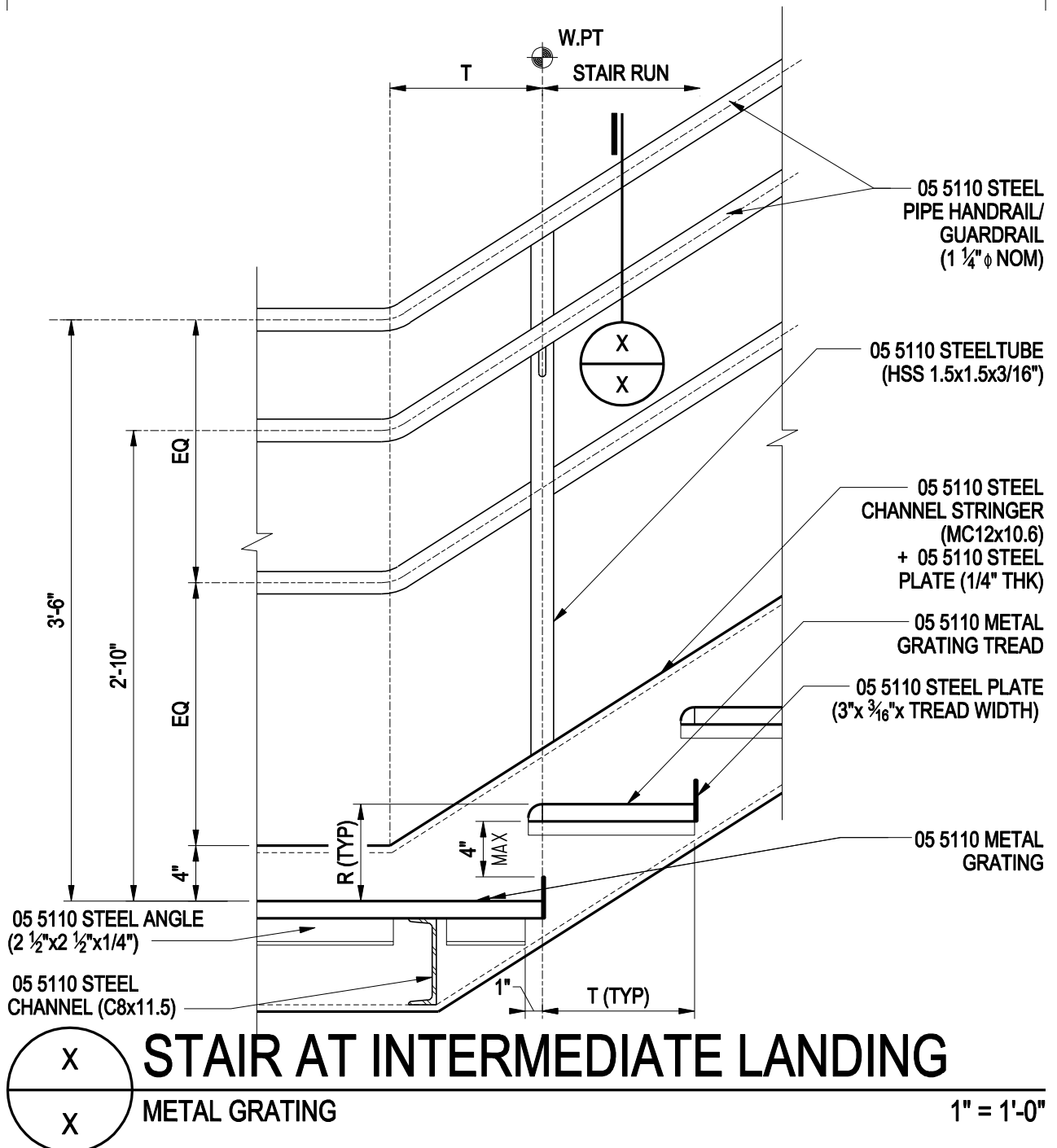


STAIR AT INTERMEDIATE LANDING

METAL GRATING

1" = 1'-0"

REF HANDRAIL BRACKET DETAIL 05-322



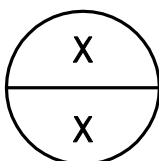
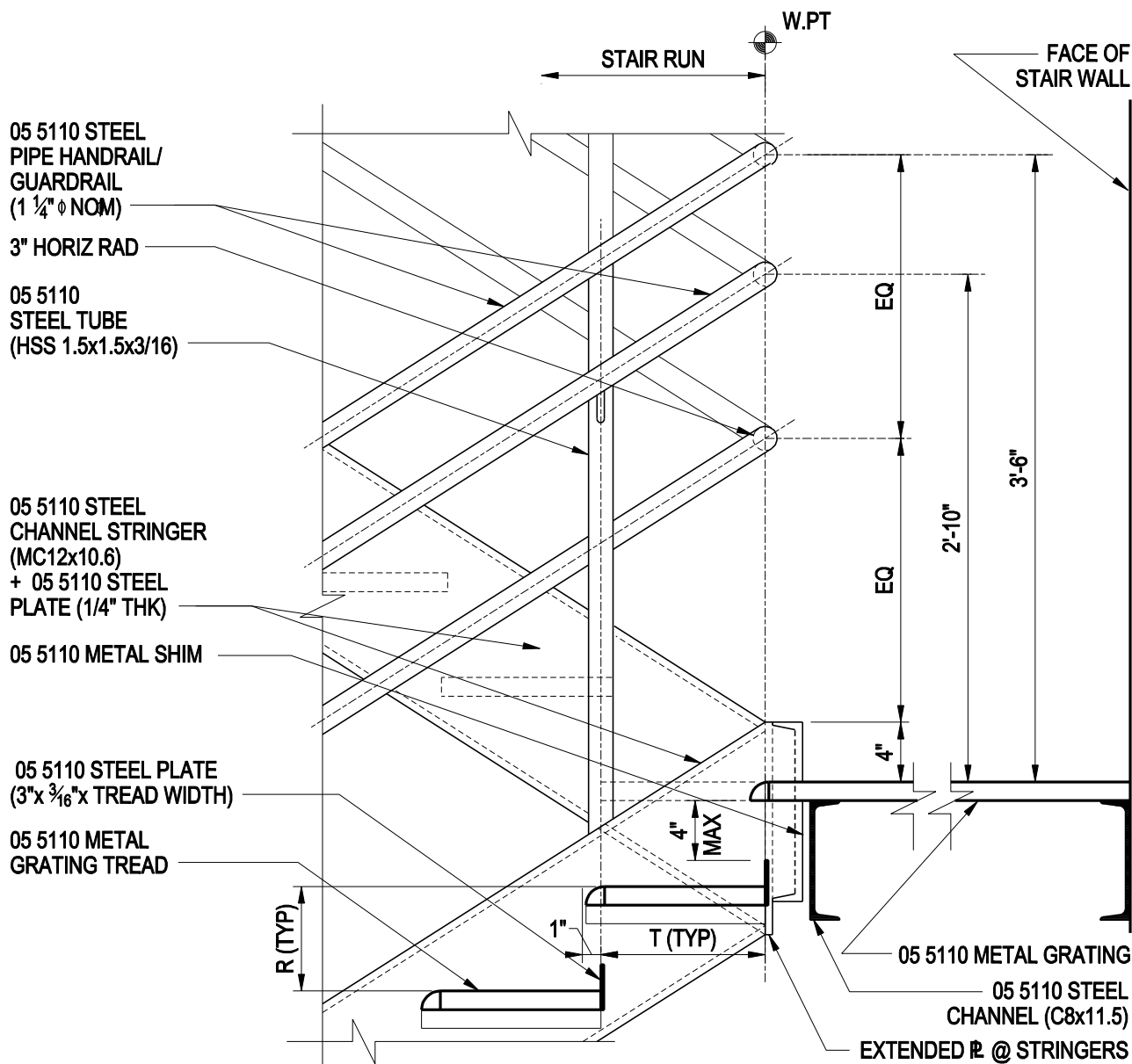
VERIFY STRINGER SIZE AND LANDING CHANNEL W/STRUCTURAL

- TYPICAL FOR GROUPS "F", "H", & "S" (2009 MBC)

MAXIMUM POST SPACING = 5'-0"

REF HANDRAIL BRACKET DETAIL 05-322

Standard Detail



STAIR AT LANDING OR FLOOR

METAL GRATING

1" = 1'-0"

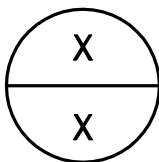
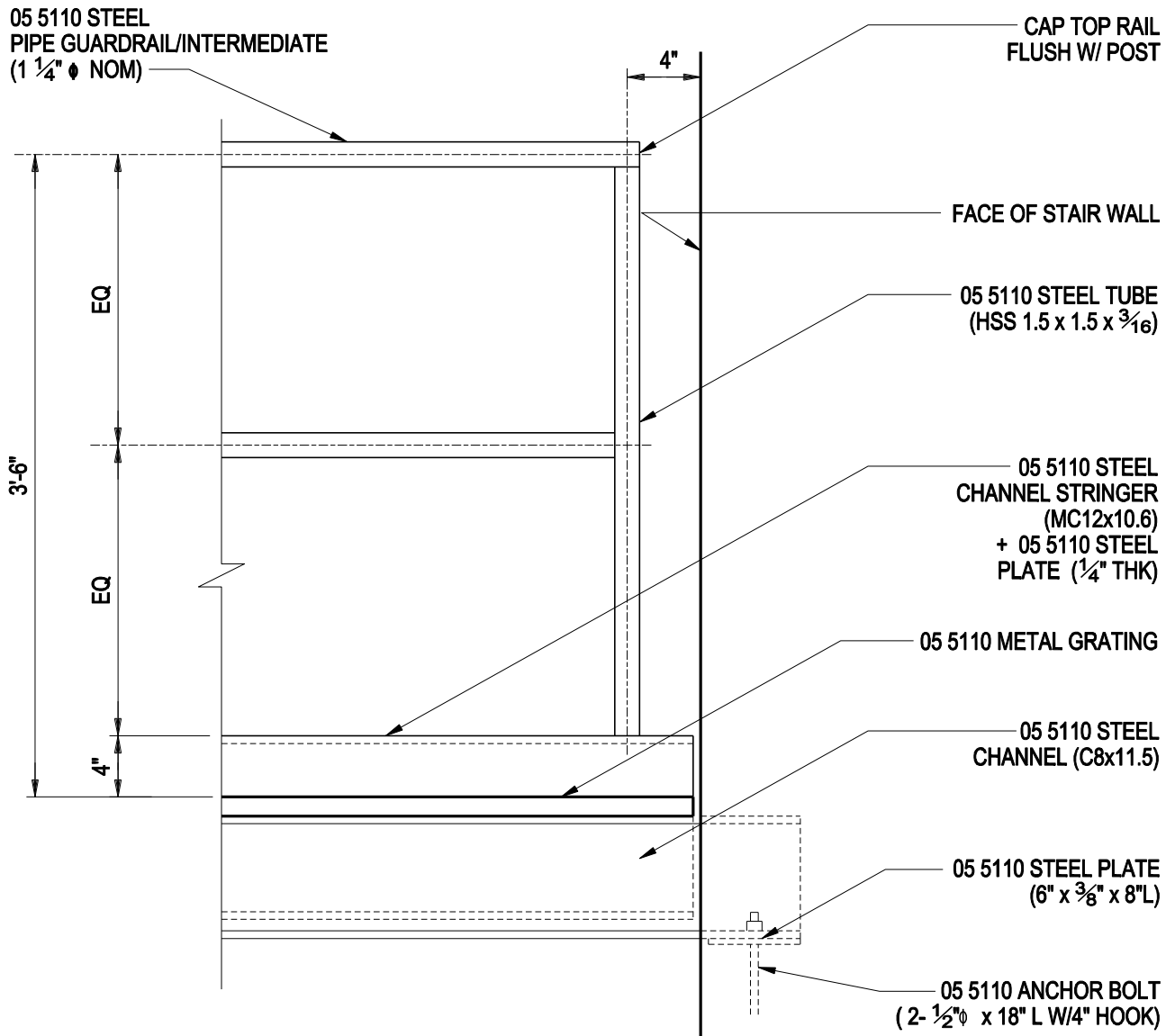
USE ONLY WITH WALL BEARING MASONRY WALL DESIGN

VERIFY LANDING/FLOOR CHANNEL SIZE W/ STRUCTURAL

TYPICAL FOR GROUPS "F", "H", & "S" (2009 MBC)

MAXIMUM POST SPACING = 5'-0"

Standard Detail



GUARDRAIL AT LANDING OR FLOOR

METAL GRATING

1" = 1'-0"

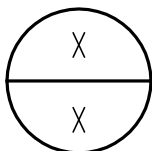
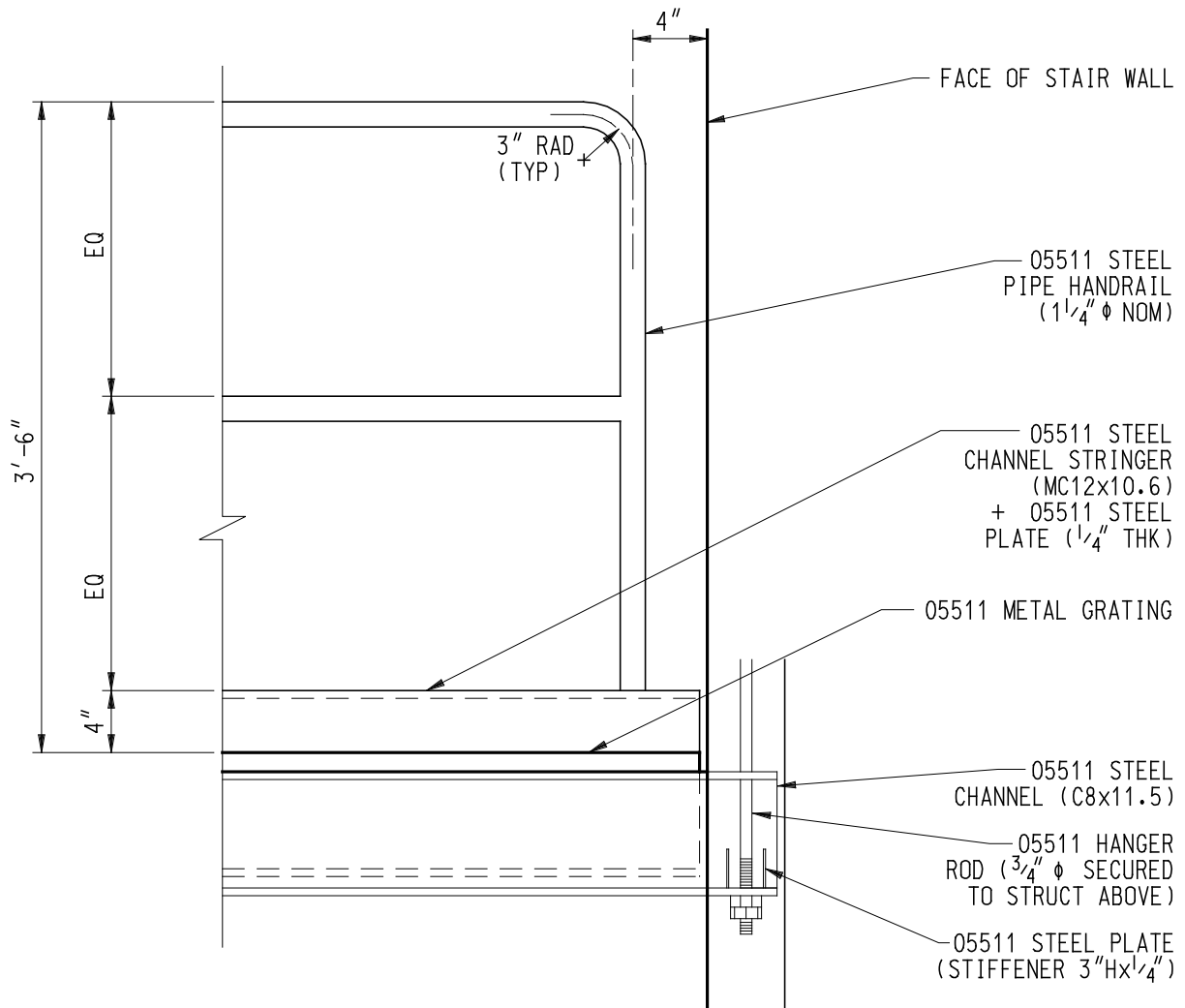


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

USE ONLY WHEN LANDING SUPPORT IS HUNG FROM STRUCTURE
VERIFY LANDING/FLOOR CHANNEL SIZE W/STRUCTURAL
TYPICAL USE GROUP "F", "H", & "S" GUARDRAIL (1990 BOCA) -
MAXIMUM POST SPACING = 5'-0"

Standard Detail



GUARDRAIL AT LANDING OR FLR METAL GRATING

1 = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH05.CEL

Cell Name

05407

Date

7-21-00

Department

Architecture

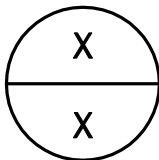
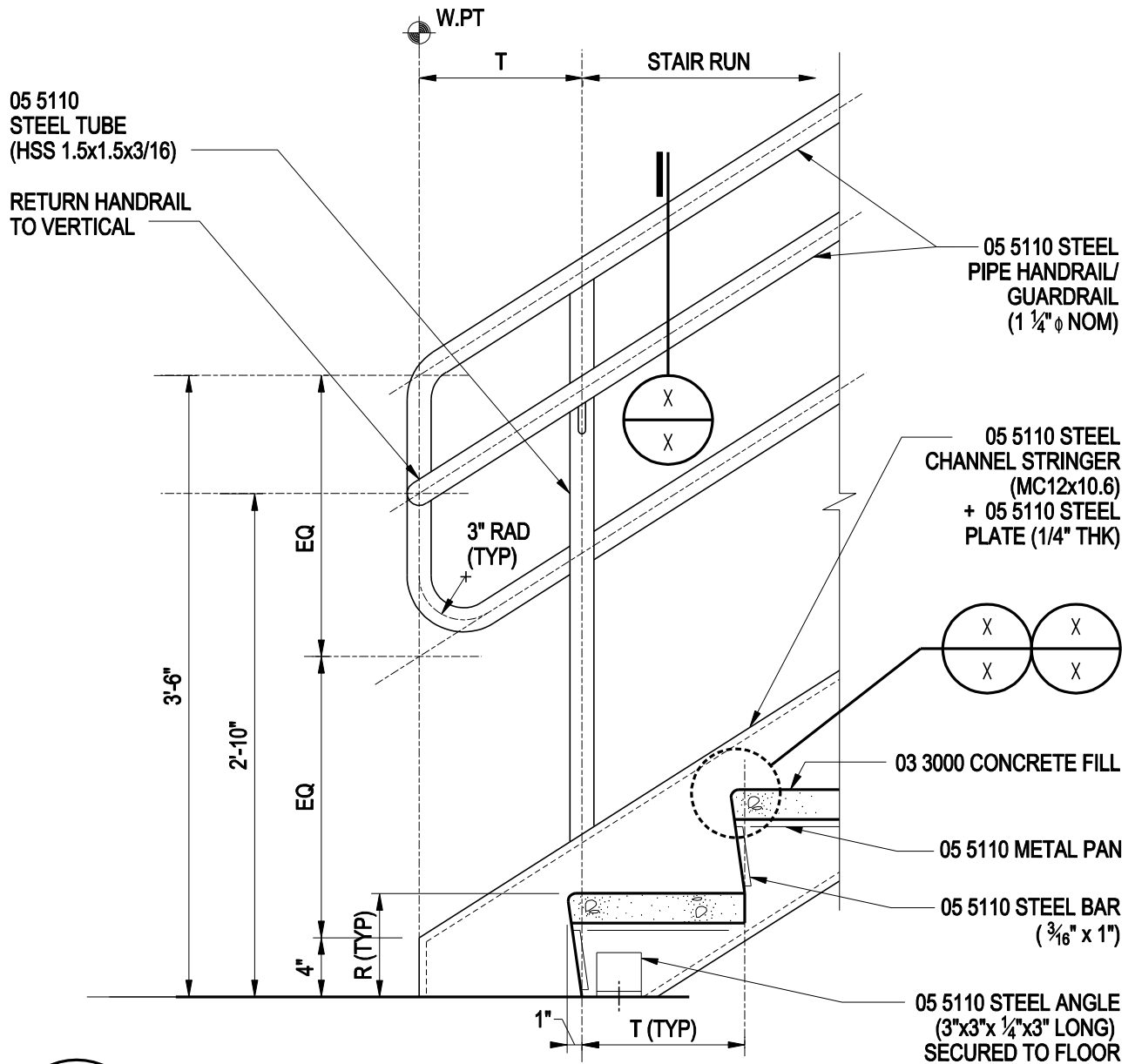
Detail No.

05-407

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VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
 STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
 BRACKET (05-322). HANDRAIL W/ GUARDRAIL/ (2009 MBC
 SECTION 1013.3) FOR F, H & S OCCUPANCIES ONLY

Standard Detail

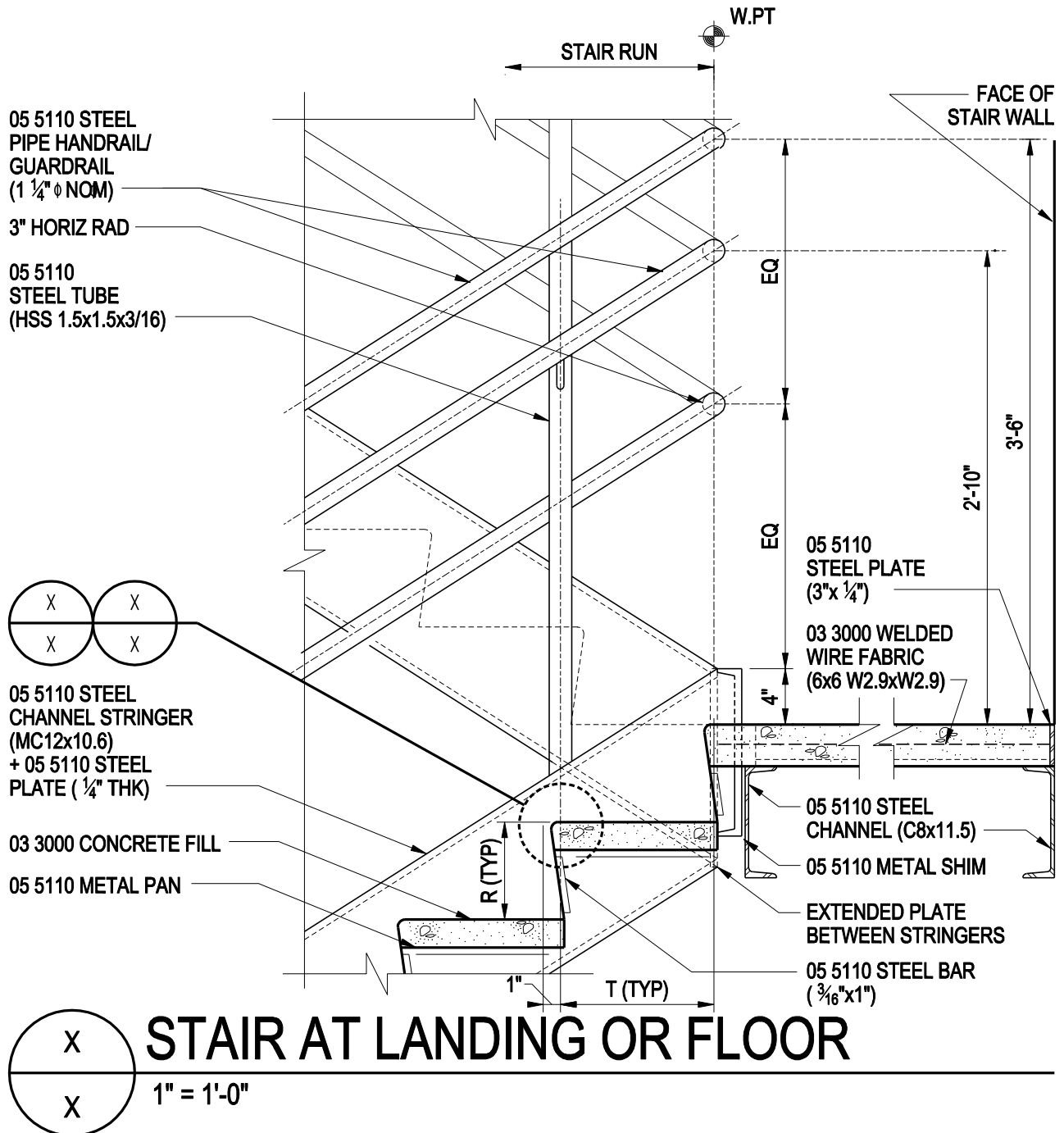


STAIR AT LOWEST FLOOR

1" = 1'-0"

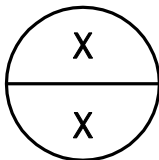
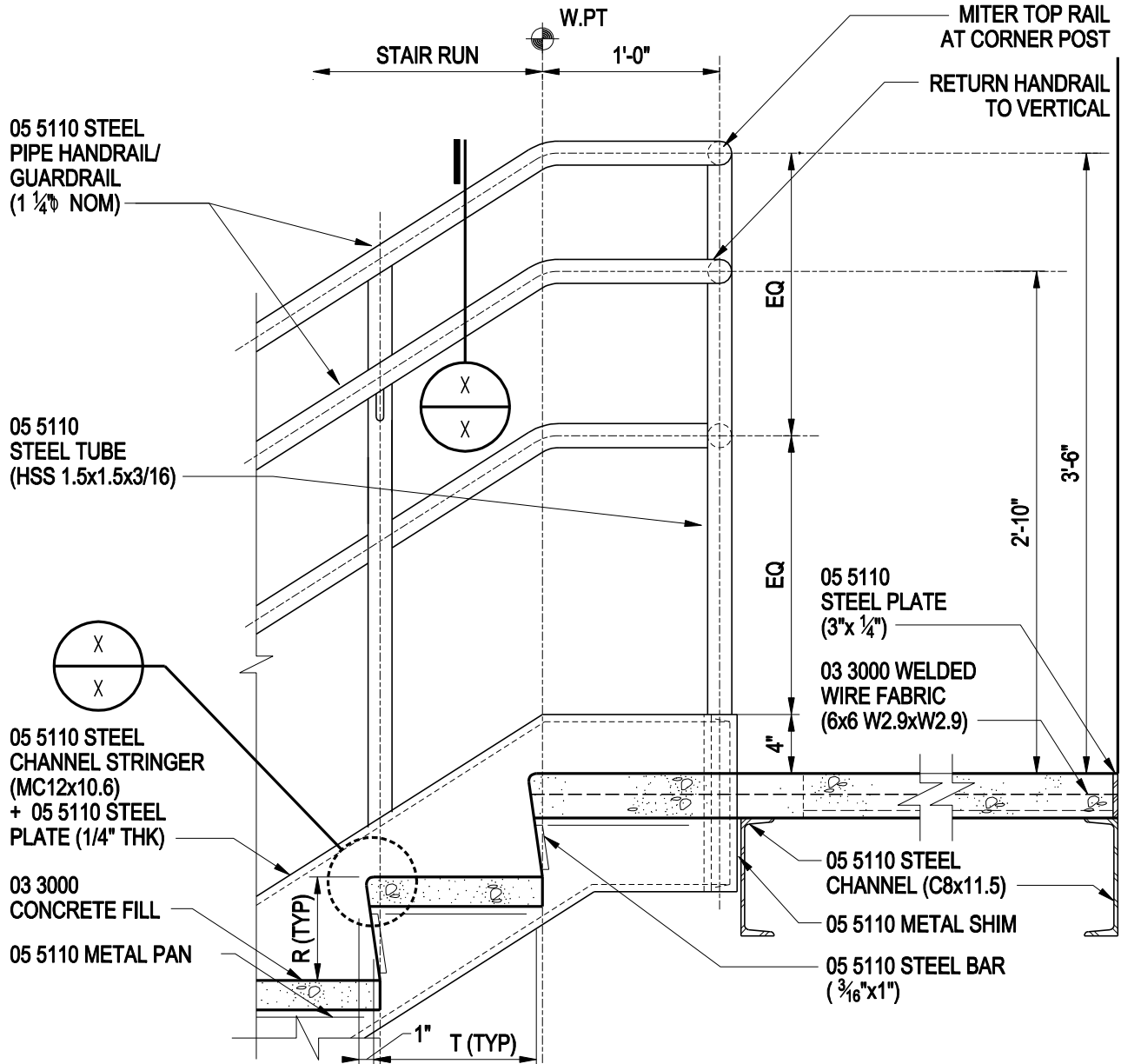
VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
BRACKET (05-322). HANDRAIL W/ GUARDRAIL/ (2009 MBC
SECTION 1013.3) FOR F, H & S OCCUPANCIES ONLY

Standard Detail



VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
 STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
 BRACKET (05-322). HANDRAIL W/ GUARDRAIL/ (2009 MBC
 SECTION 1013.3) FOR F, H & S OCCUPANCIES ONLY

Standard Detail



STAIR AT HIGHEST FLOOR

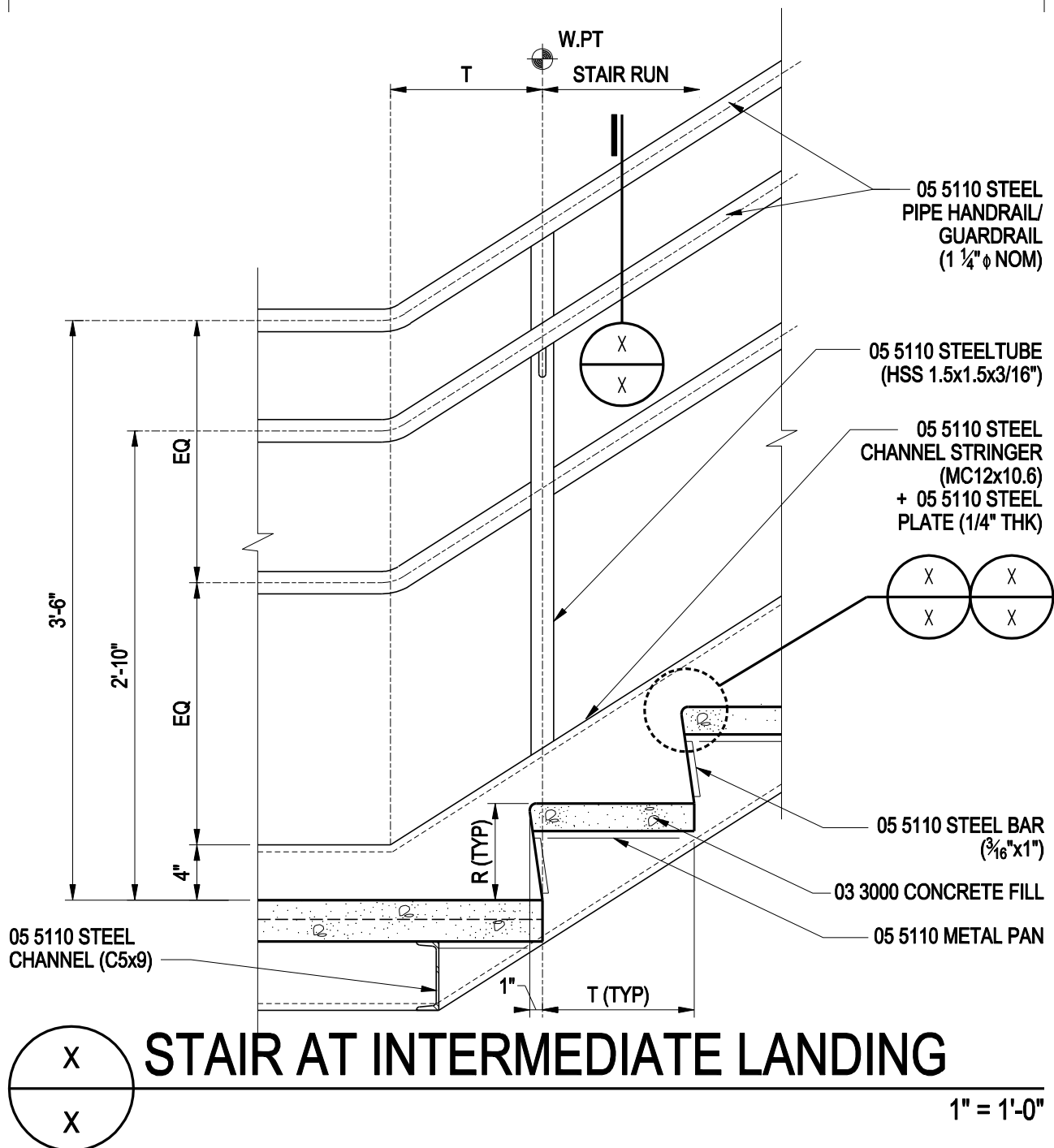
1" = 1'-0"

Standard Detail



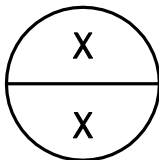
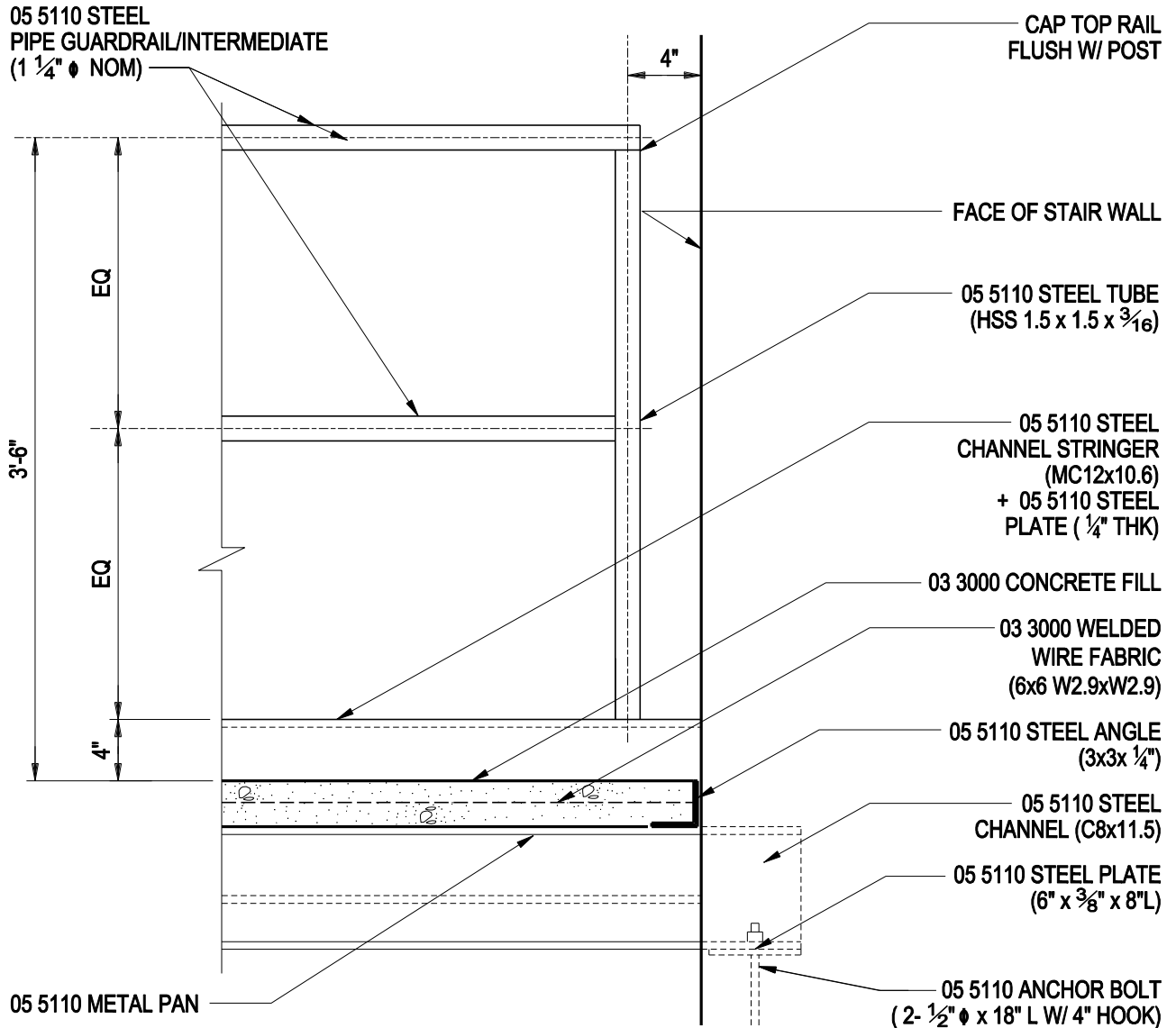
VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
 STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
 BRACKET (05-322). HANDRAIL W/ GUARDRAIL/ (2009 MBC
 SECTION 1013.3) FOR F, H & S OCCUPANCIES ONLY

Standard Detail



VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
BRACKET (05-322). HANDRAIL W/ GUARDRAIL/ (2009 MBC
SECTION 1013.3) FOR F, H & S OCCUPANCIES ONLY

Standard Detail

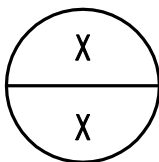
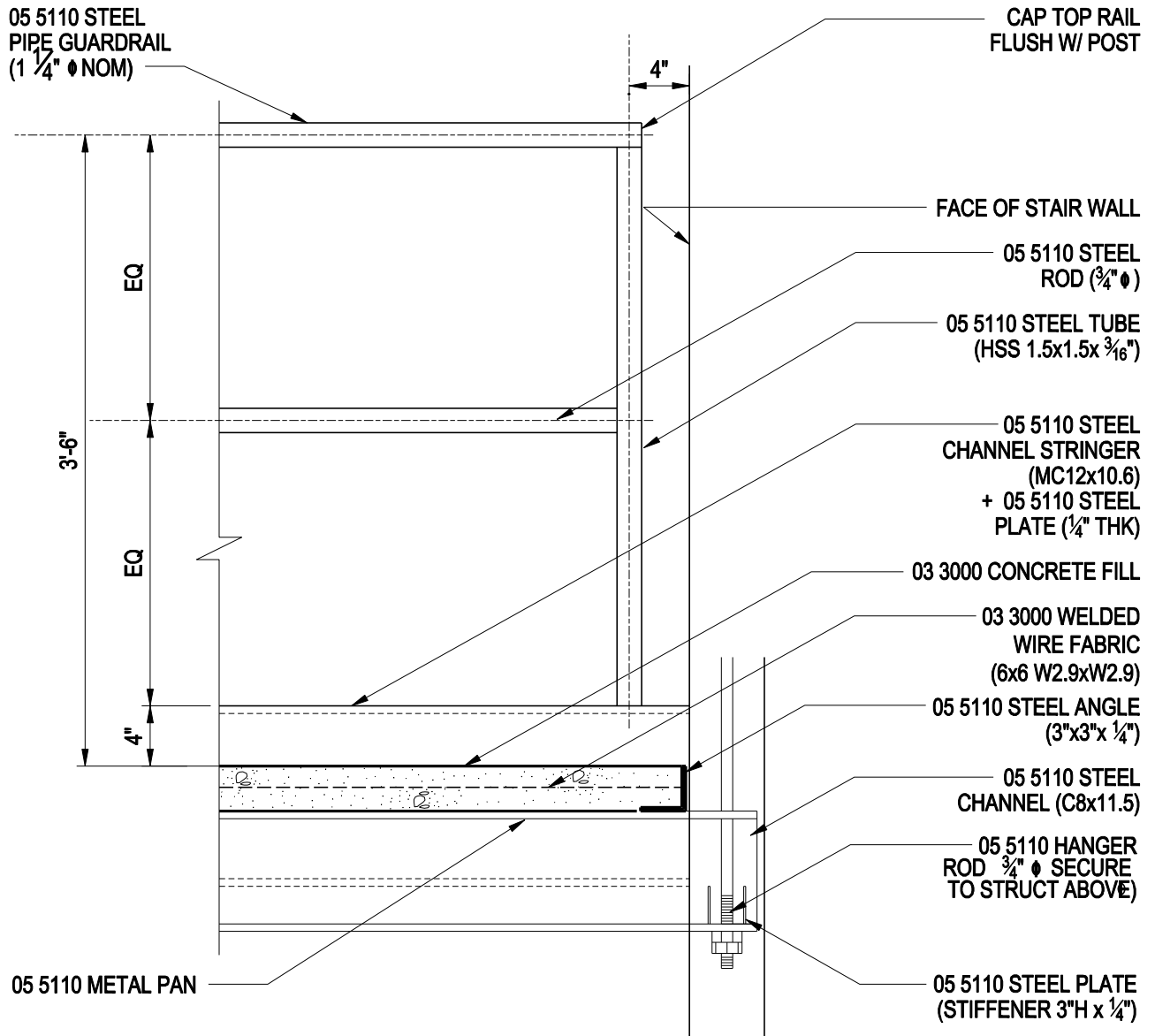


GUARDRAIL AT LANDING OR FLOOR

1" = 1'-0"

VERIFY STRINGER AND LANDING/FLOOR CHANNEL SIZE W/
STRUCTURAL - REFERENCE NOSING DETAIL AND HANDRAIL
BRACKET (05-322). HANDRAIL W/ GUARDRAIL/ (2009 MBC
SECTION 1013.3) FOR F, H & S OCCUPANCIES ONLY

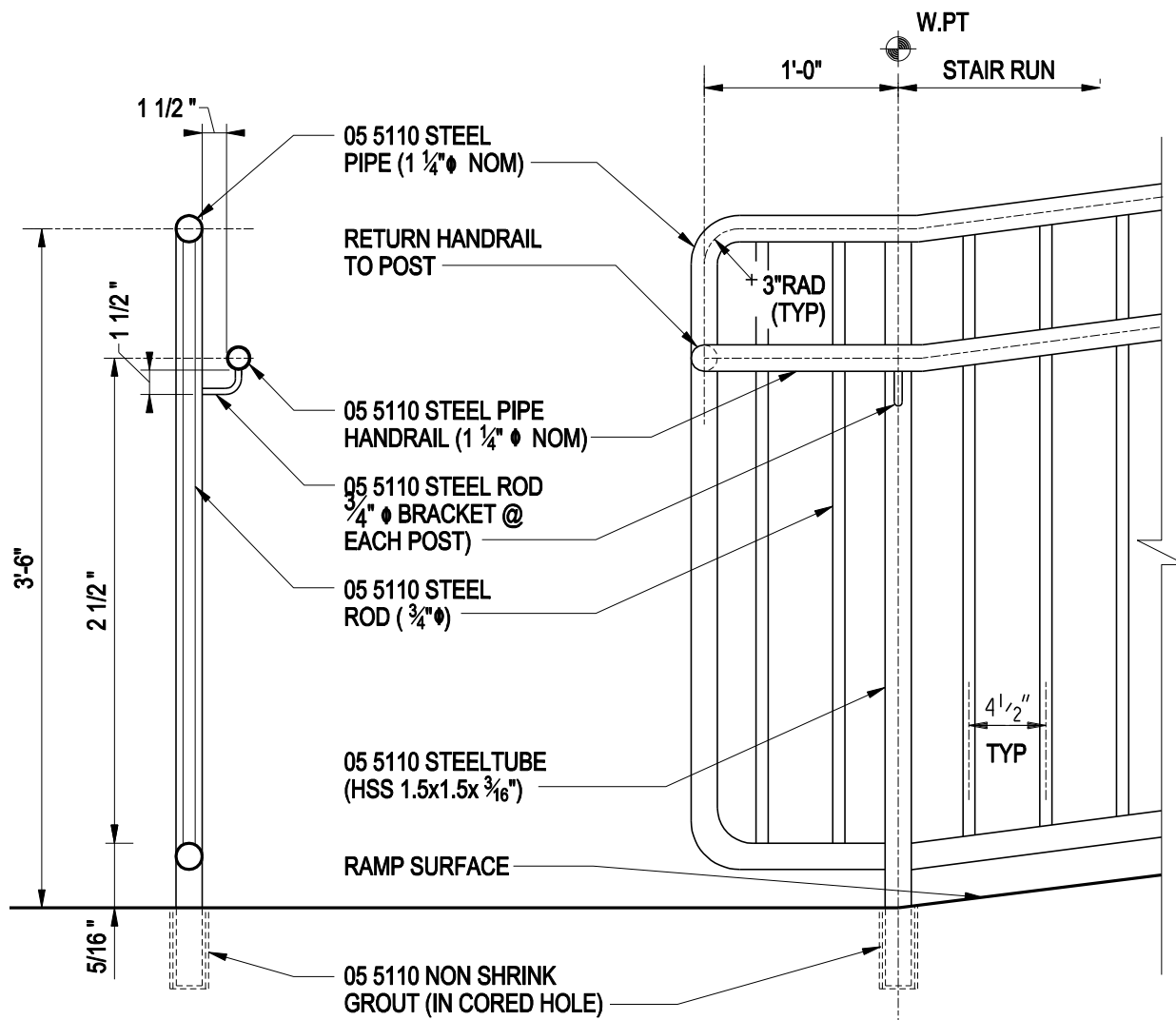
Standard Detail



GUARDRAIL @ LANDING OR FLOOR

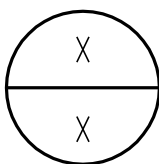
1" = 1'-0"

Standard Detail



SECTION

ELEVATION



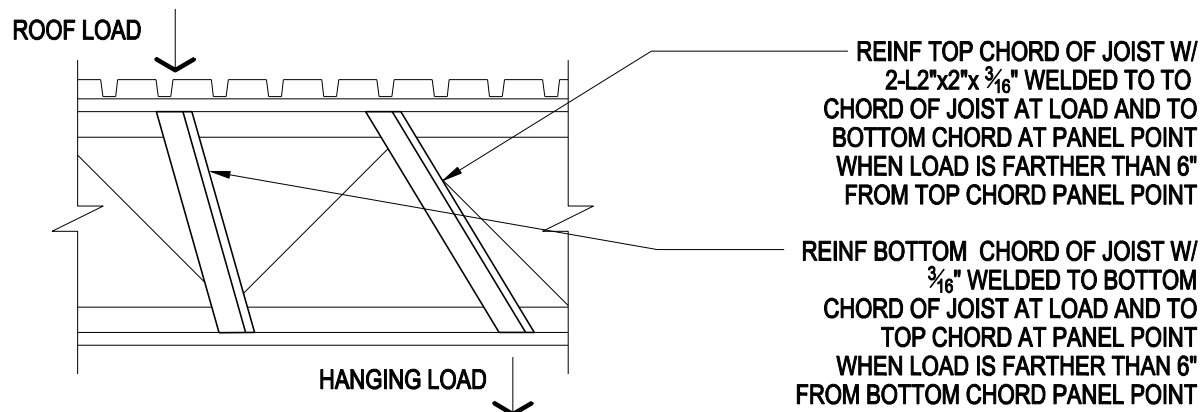
RAMP GUARDRAIL

(RAMP AT LOWEST LEVEL SHOWN-RAMP AT HIGHEST LEVEL - SIM)

1" = 1'-0"

USED TO REINF LOADS IMPOSED ON EXISTING METAL DECK
AND STEEL JOIST ROOFS - VERIFY WITH STRUCTURAL

Standard Detail



TYPICAL JOIST REINFORCING DETAIL

N.T.S.

Notes / Instructions

USE AT METAL OR WOOD STUD PARTITIONS

REFER TO SPECIFICATIONS SECTION 06100 FOR A LISTING

OF TYPICAL WALL MOUNTED DEVICES REQUIRING WOOD BLOCKING REINFORCEMENT

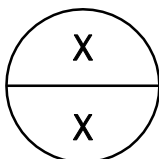
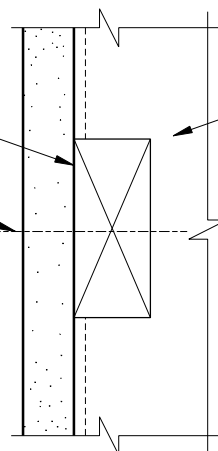
BLOCKING REINFORCEMENT

Standard Detail

06 1000 WOOD BLOCKING
(2 x - REINFORCEMENT
SECURED TO STUDS)

ANCHORING DEVICE -
REFER TO SPECIFICATIONS

METAL OR WOOD STUD
PARTITION
(REFER TO PLANS)



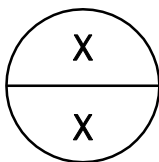
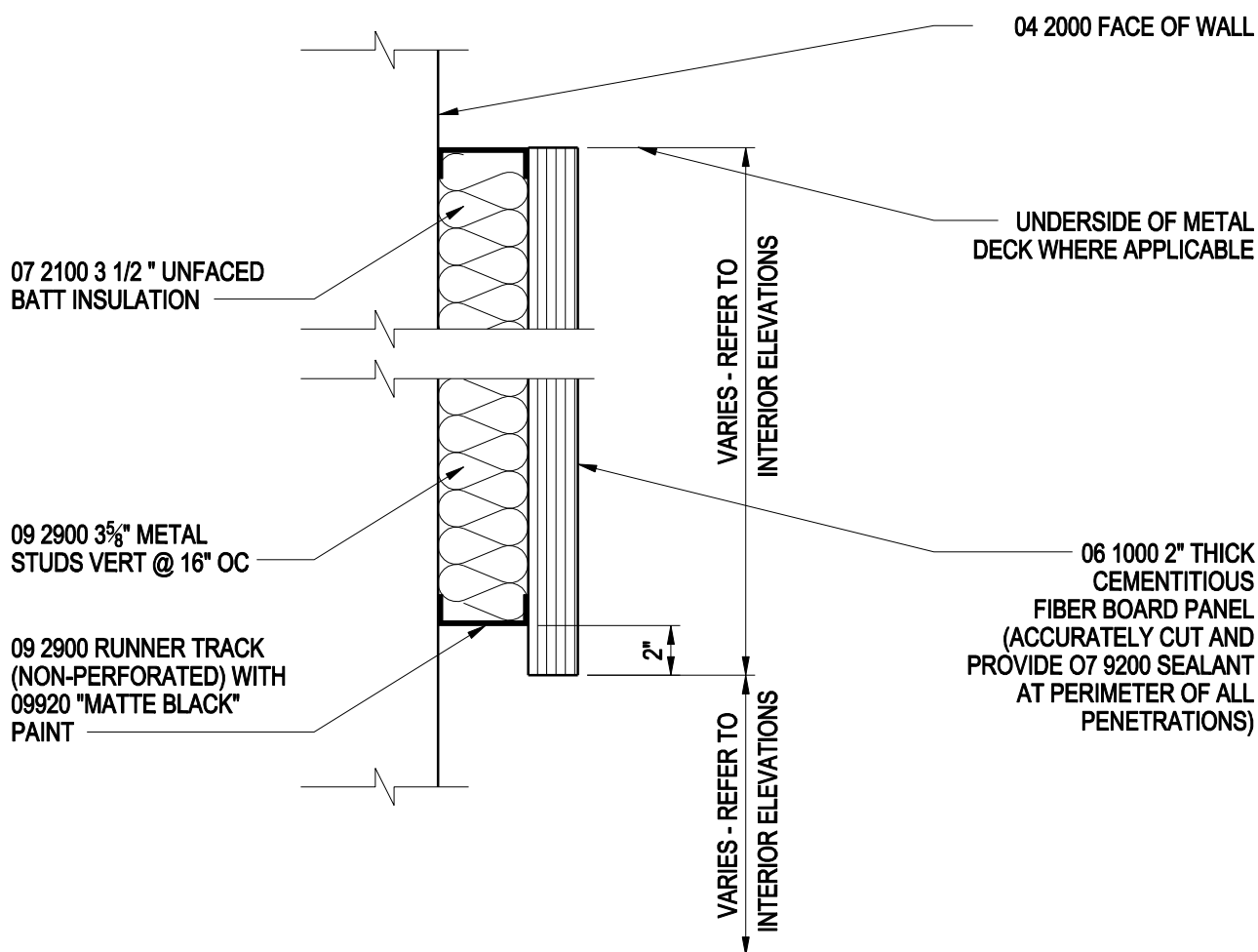
TYPICAL PTN REINFORCEMENT

WALL MOUNTED DEVICES

3" = 1'-0"

"TECTUM" ACOUSTIC PANEL

Standard Detail



ACOUSTIC WALL PANEL

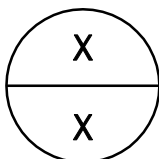
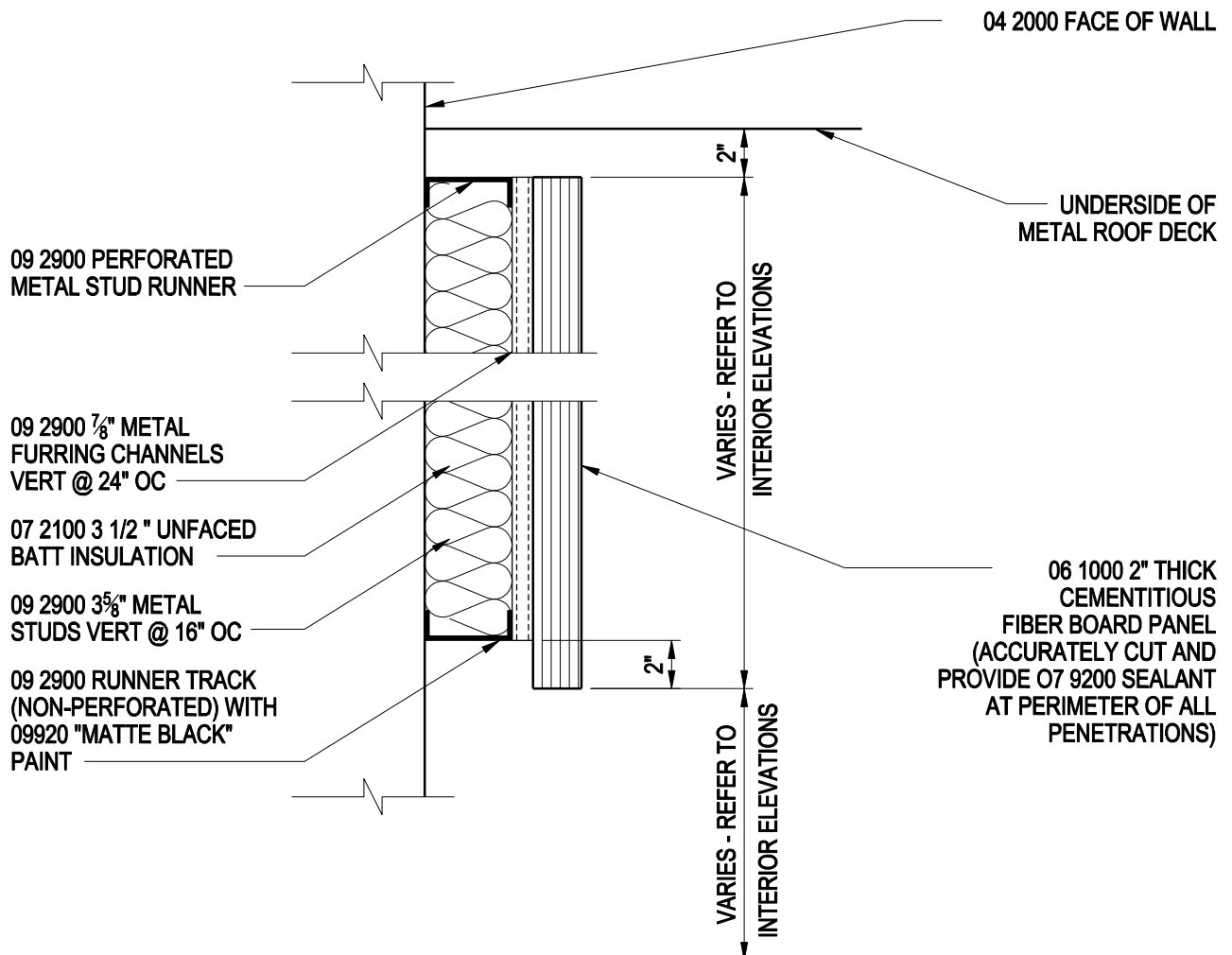
1 1/2" = 1'-0"

"TECTUM" ACOUSTIC PANEL

VENTILATED - USE AT WET LOCATIONS

(I.E. NATATORIUM)

Standard Detail

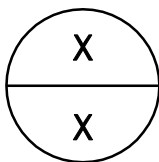
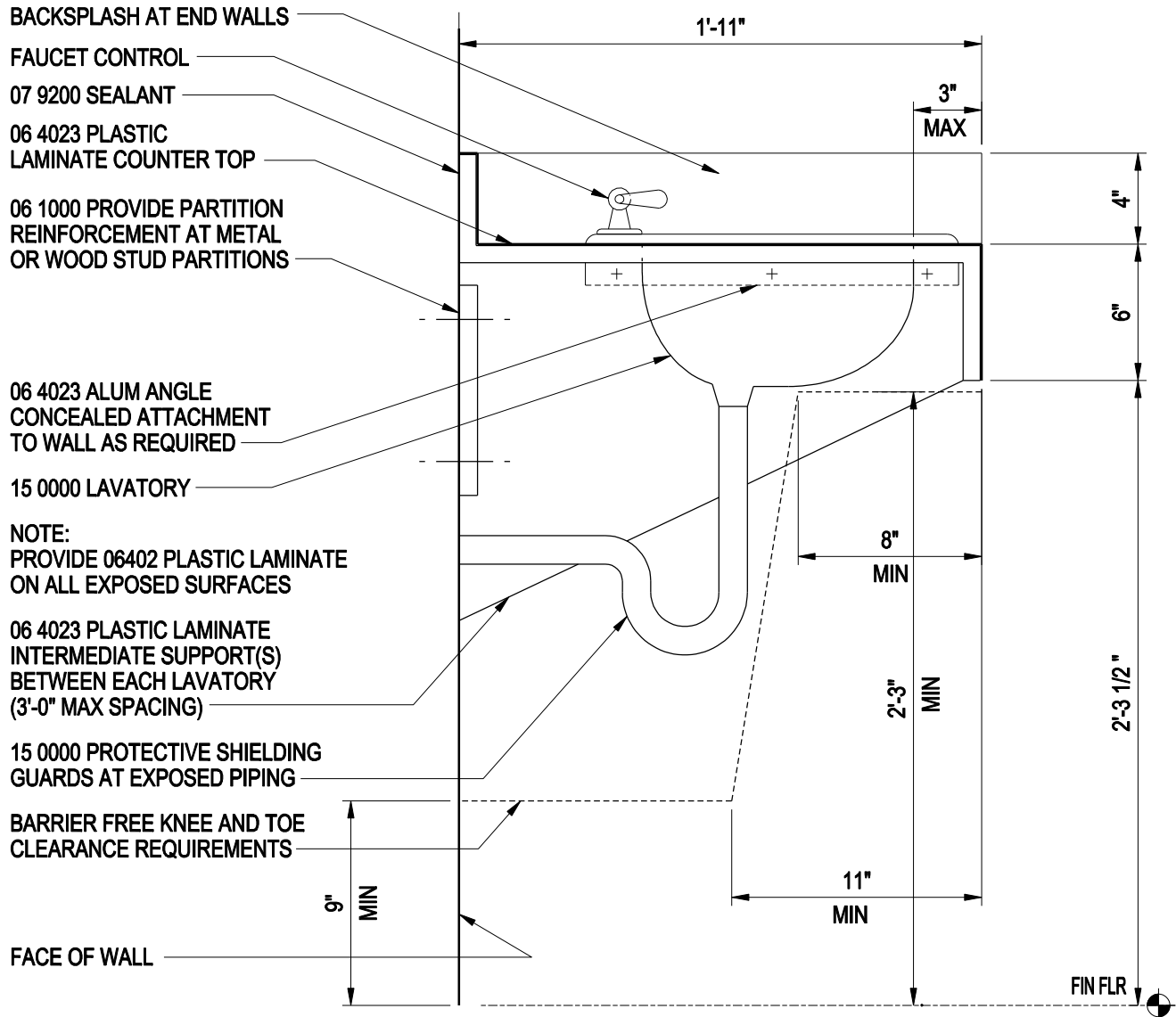


ACOUSTIC WALL PANEL

1 1/2" = 1'-0"

UTILIZE SHELF RIMMING LAVATORY W/ PLASTIC LAMINATE COUNTERTOP

Standard Detail



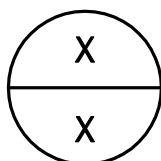
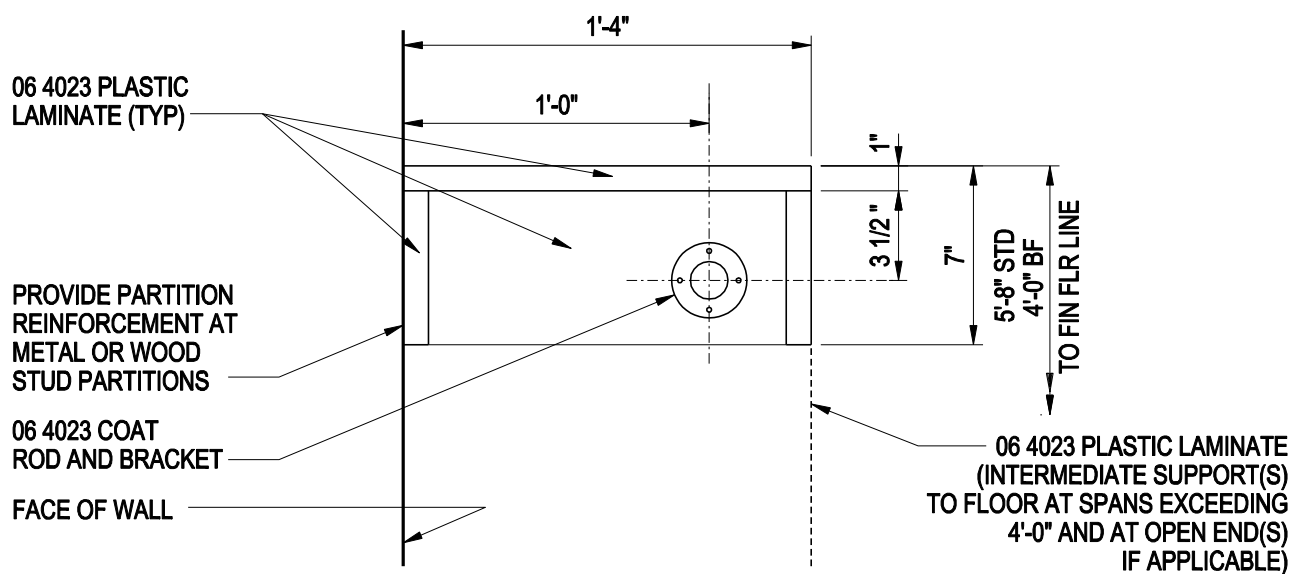
LAVATORY COUNTER



1 1/2" = 1'-0"

ALSO REFER TO DETAIL 06-426 FOR ELEVATION

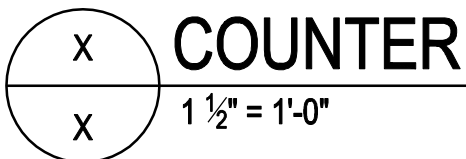
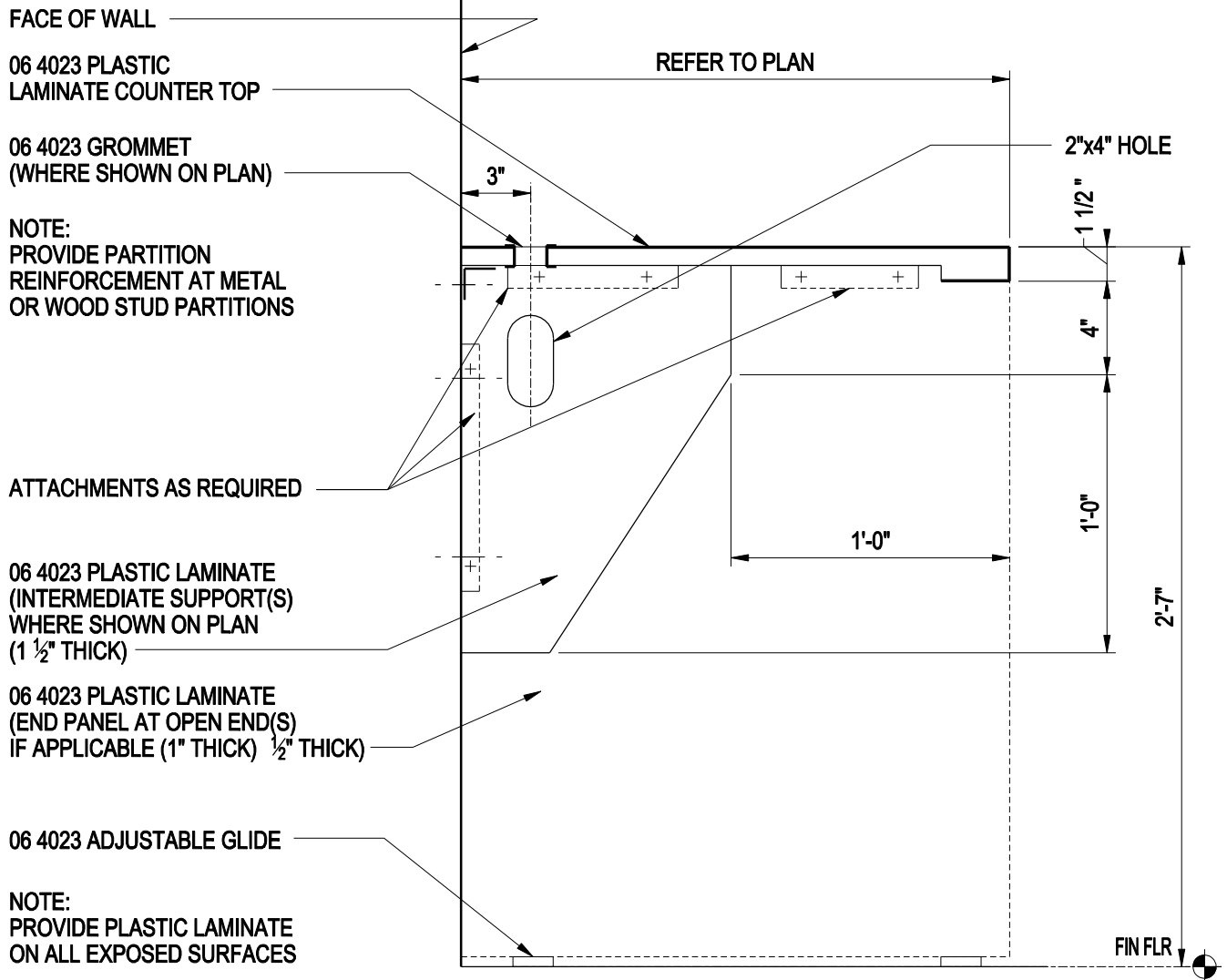
Standard Detail



COAT ROD AND SHELF

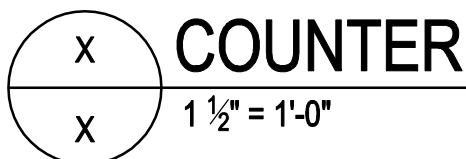
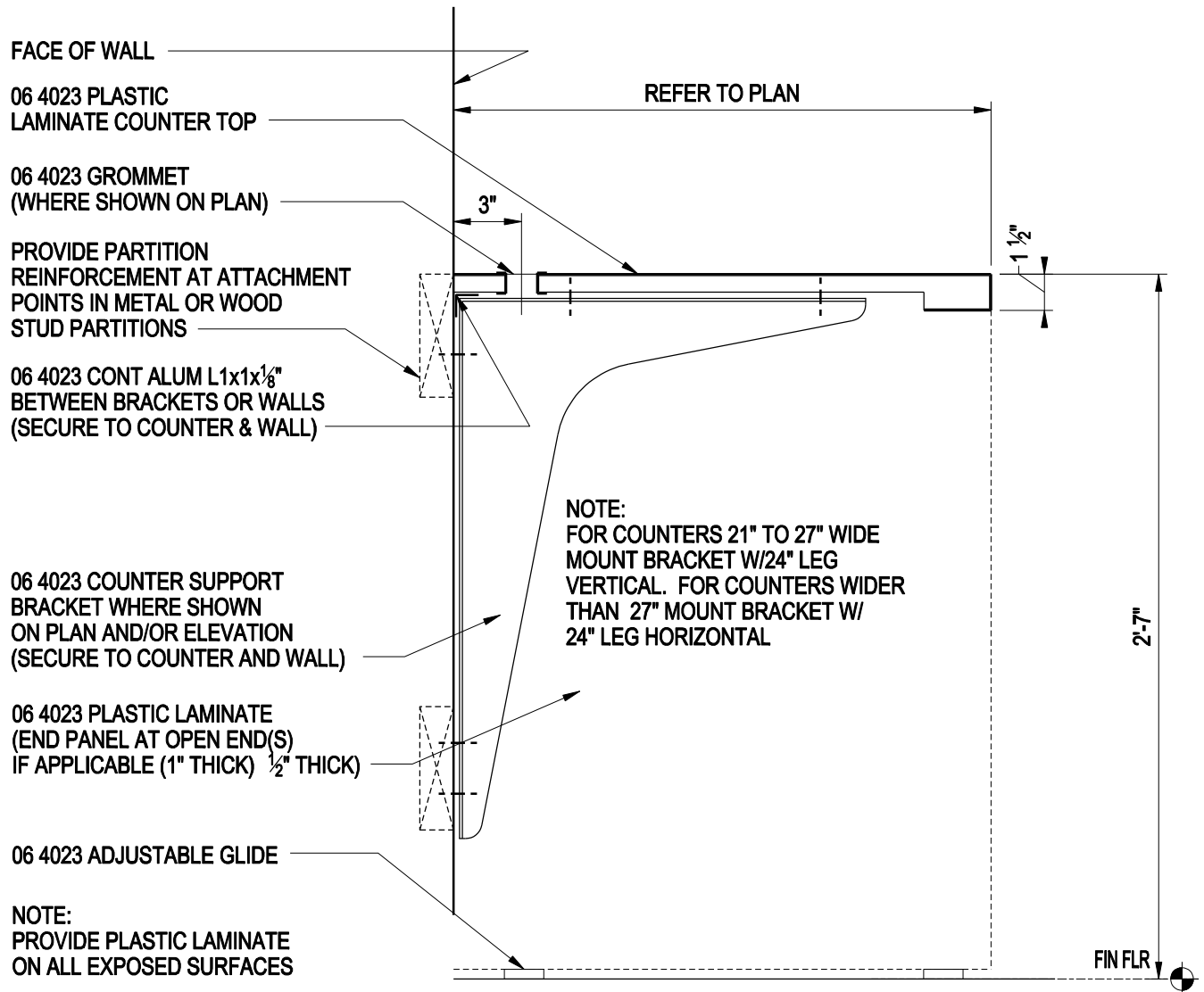
1 1/2" = 1'-0"

Standard Detail



Notes / Instructions
 UTILIZE METAL BRACKET BY GAMBAS CO. INC FOR COUNTERS 21" TO 36" + WIDE
 VERIFY COUNTER HEIGHT BASED ON REQUIRED CLEARANCE
 BELOW FOR CABINETS, ETC. PROVIDE INTERMEDIATE
 SUPPORTS AT 5'-0" MAX SPACING AND INDICATE ON PLANS
 AND/OR ELEVATIONS. INDICATED GROMMET LOCATIONS ON
 PLAN AND COORDINATE LOCATIONS WITH ELECTRICAL WALL OUTLETS

Standard Detail



REQUIRES SIDE WALLS FOR SUPPORT

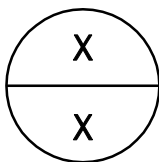
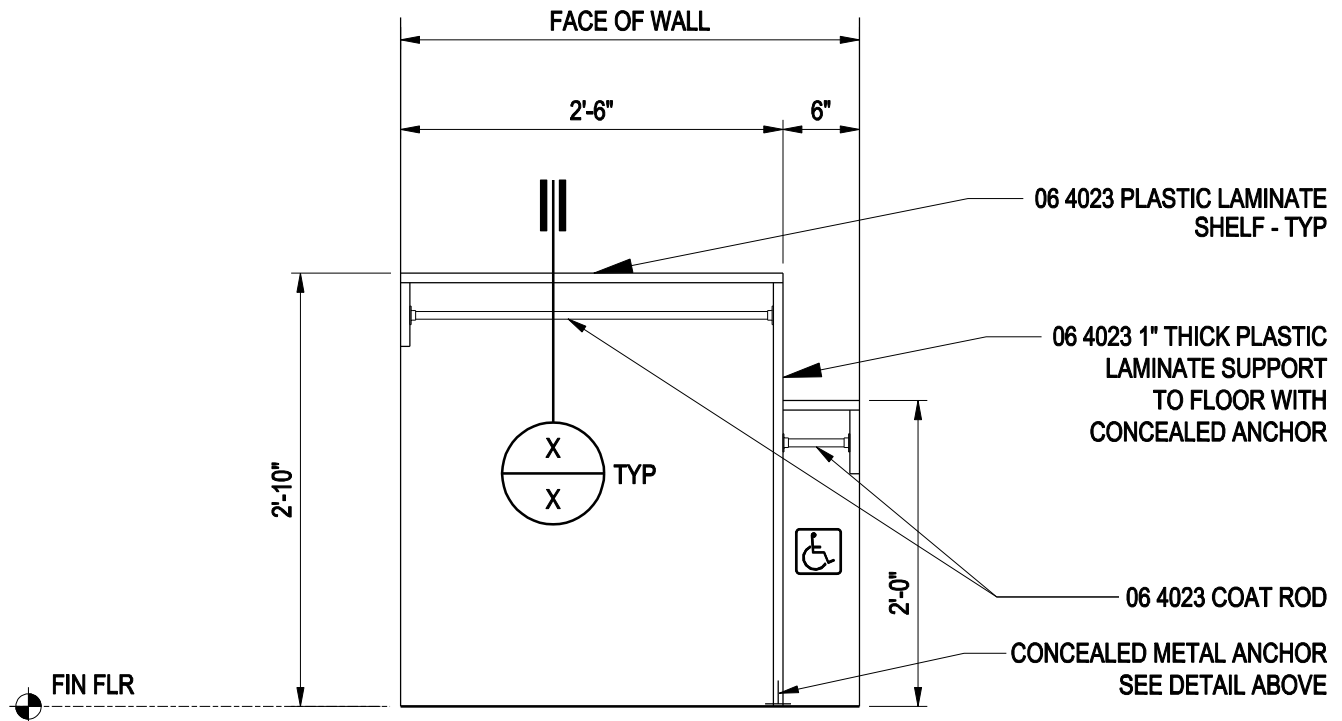
06 4023 PLASTIC LAMINATE SUPPORT

EXPANSION BOLT TO FLOOR

06 4023 CONCEALED METAL ANCHOR

1"

6"



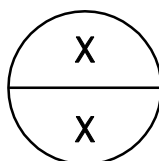
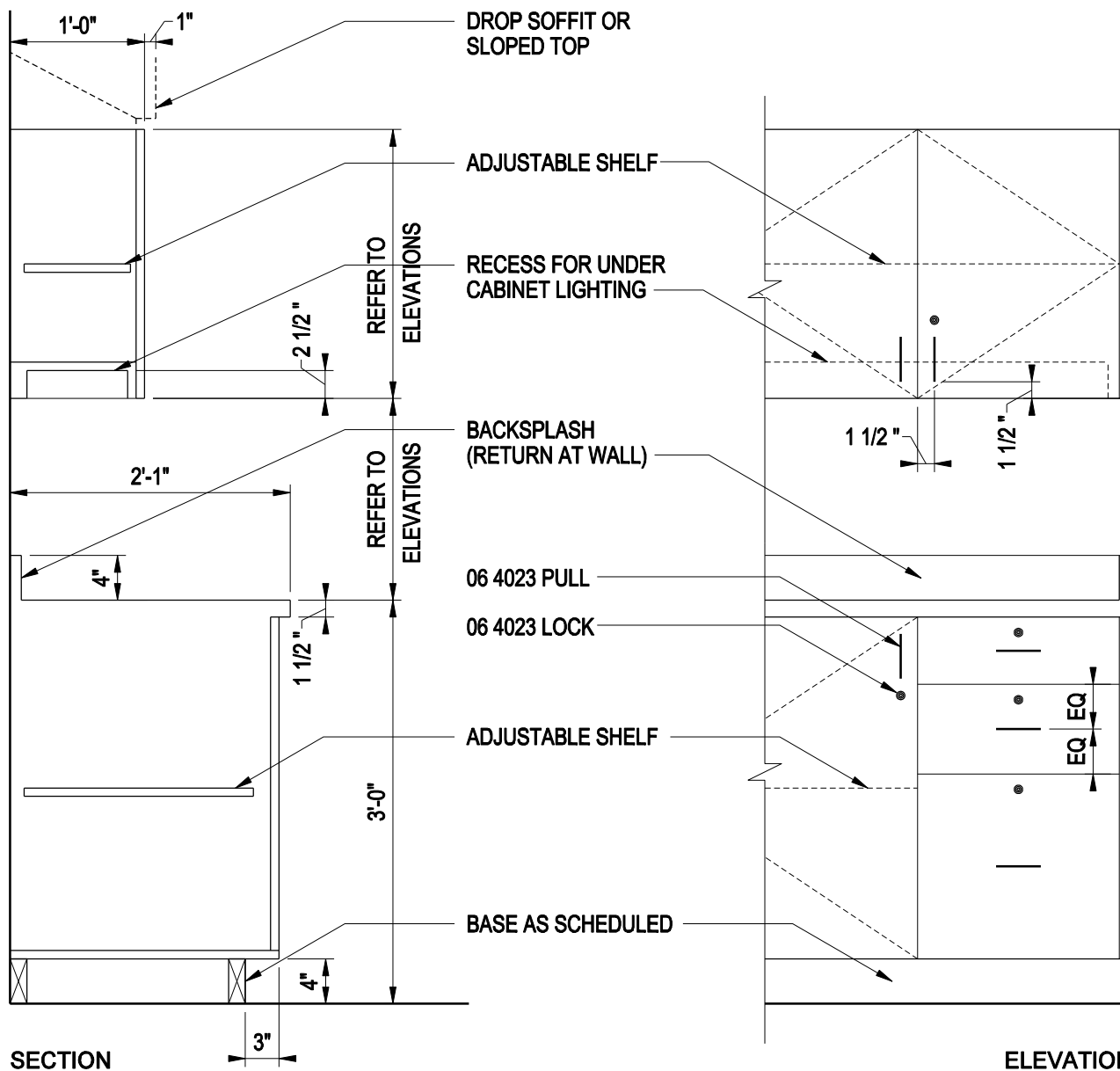
COAT ROD AND SHELF ELEVATION

$$\frac{3}{4}'' = 1'-0''$$

USE TO SUPPLEMENT MILLWORK ELEVATIONS

PROVIDE SLOPED TOP OR DROP SOFFIT ON ALL HEALTH CARE PRODUCTS

Standard Detail



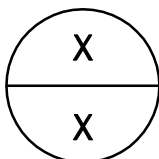
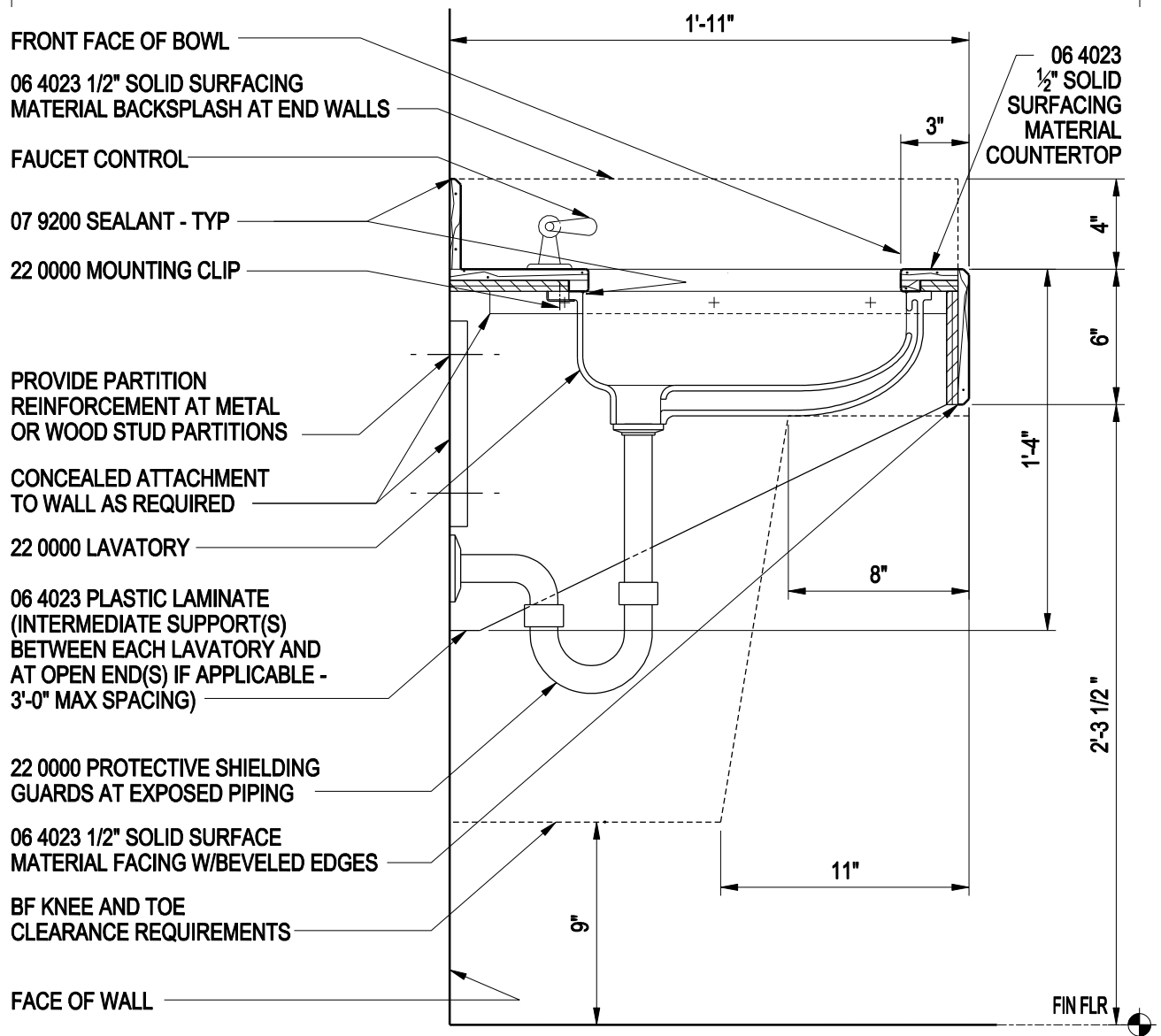
TYPICAL CABINET DIMENSIONS

 $\frac{3}{4}" = 1'-0"$

NOTE:
NOT ALL FEATURES MAY BE USED -
ALL DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED-
REFER TO ELEVATIONS

UTILIZES UNDER COUNTER MOUNTED LAVATORY W/ SOLID
SURFACING COUNTERTOP

Standard Detail



LAVATORY COUNTER



1 1/2" = 1'-0"

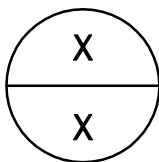
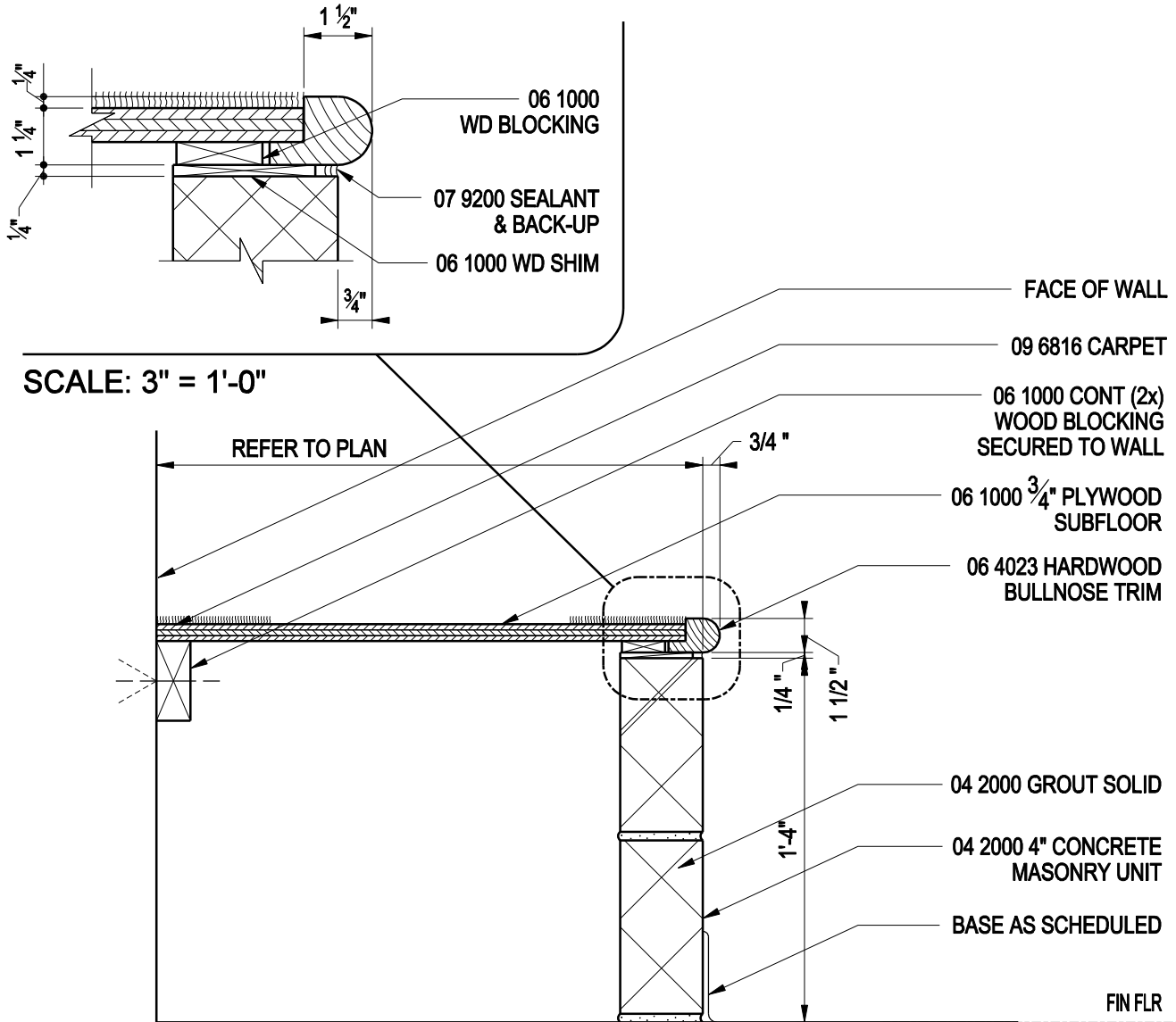
Notes / Instructions

USE AT NEW CONSTRUCTION

VERIFY HEIGHT REQUIREMENTS

SELECT COLOR FOR SLEEVE COVER AND ADD TO SPEC OR DETAIL

Standard Detail



WOOD BENCH

1 1/2" = 1'-0"

Cell Library

ARCH06.CEL

Cell Name

06701

Date

2019

Detail Number

06-701

Notes / Instructions
REFERENCE BY SECTION CUT ON PLANS

OR FLOOR PLAN AS APPROPRIATE. INDICATE JOINT WIDTH

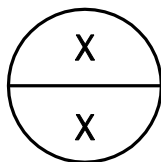
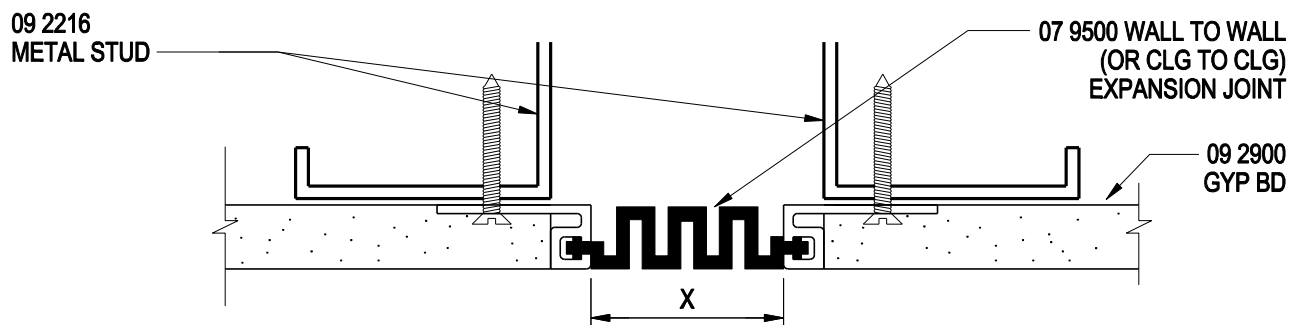
(1" OR 2")

JOINT ALLOWS +100% TO -25% OF JOINT WIDTH MOVEMENT

WITH VERTICAL AND SHEAR MOVEMENT

BALCO, INC. "VINYLINES" - TYPE GP

Standard Detail



**GYP BD WALL (OR CEILING)
EXPANSION JOINT**

6" = 1'-0"

Notes / Instructions
REFERENCE BY SECTION CUT ON PLANS

OR FLOOR PLAN AS APPROPRIATE. INDICATE JOINT WIDTH

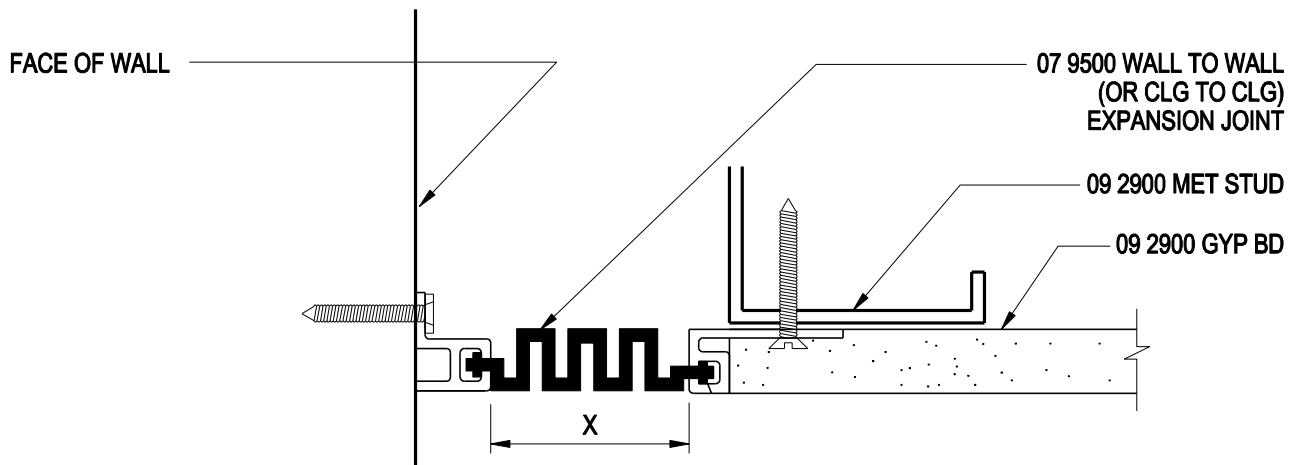
(1" OR 2")

JOINT ALLOWS +100% TO -25% OF JOINT WIDTH MOVEMENT

WITH VERTICAL AND SHEAR MOVEMENT

BALCO, INC. "VINYLINES"

Standard Detail



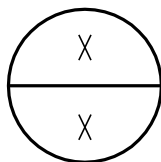
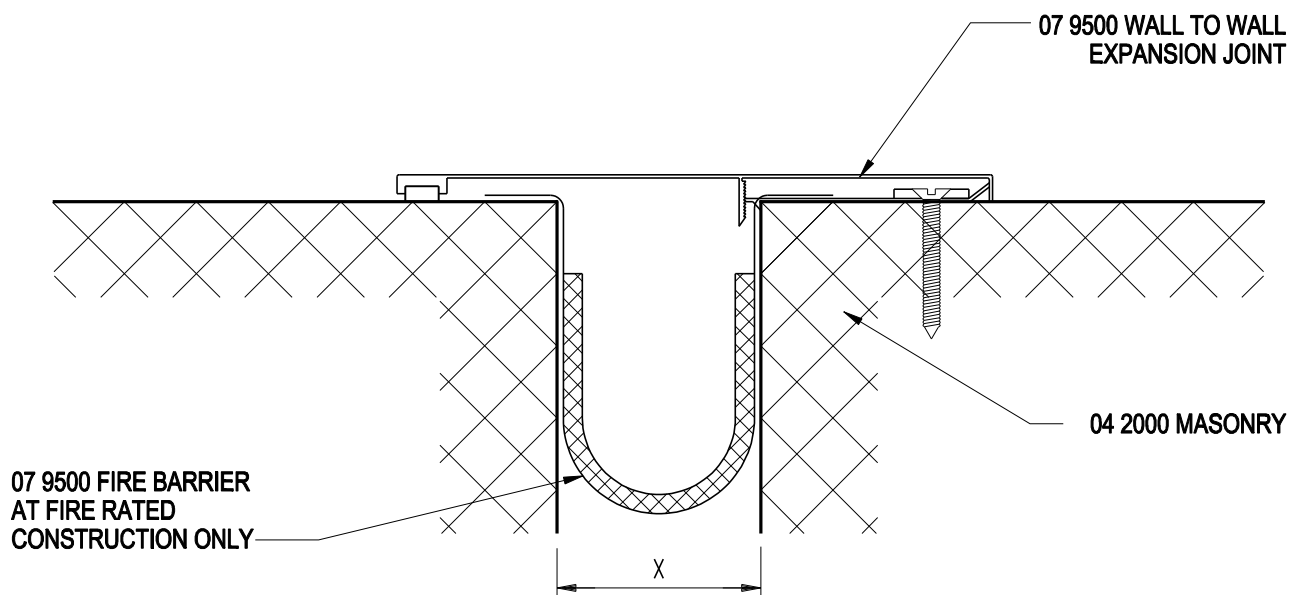
**GYP BD WALL (OR CEILING)
EXPANSION JOINT**

6" = 1'-0"

REFERENCE BY SECTION CUT ON FLOOR PLAN

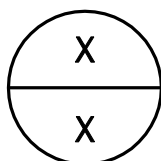
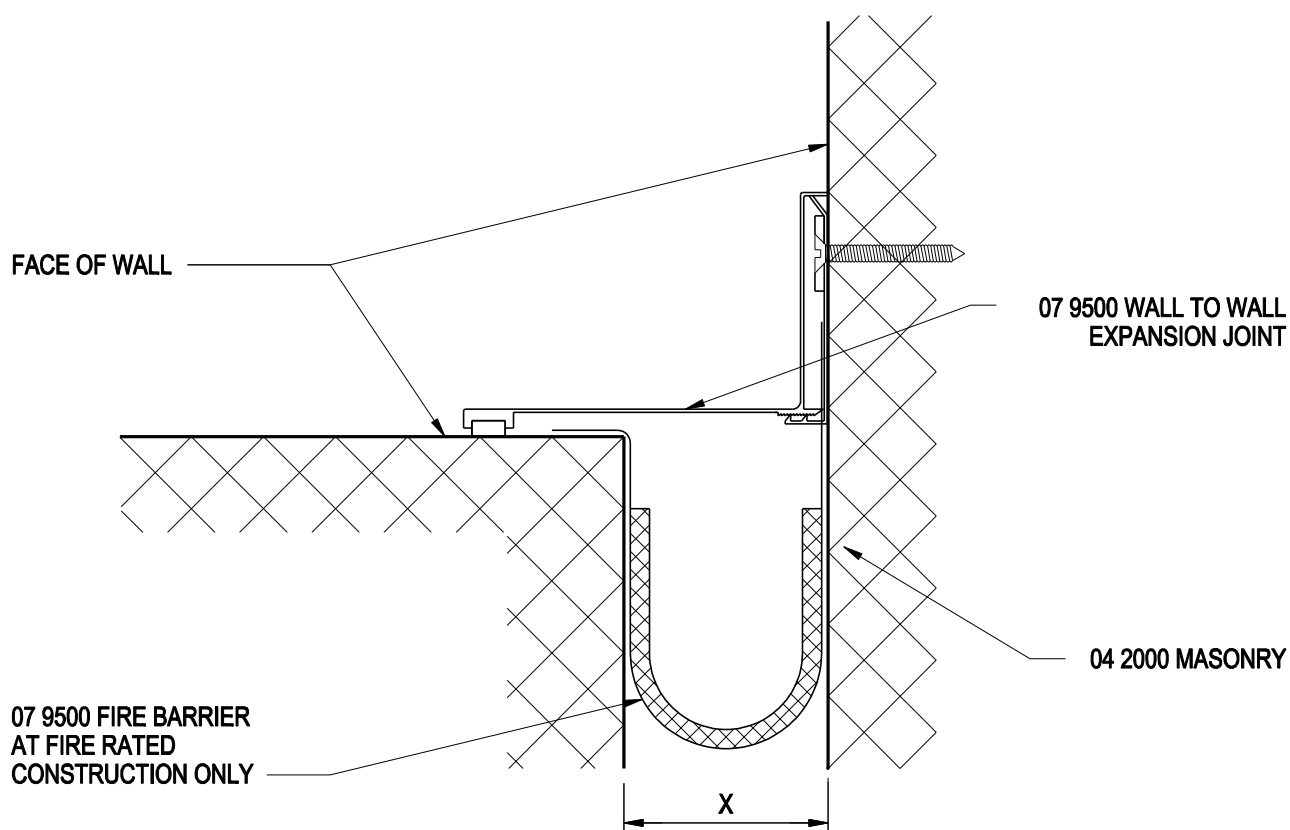
INDICATE JOINT WIDTH (1" OR 2")

Standard Detail



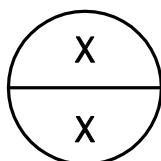
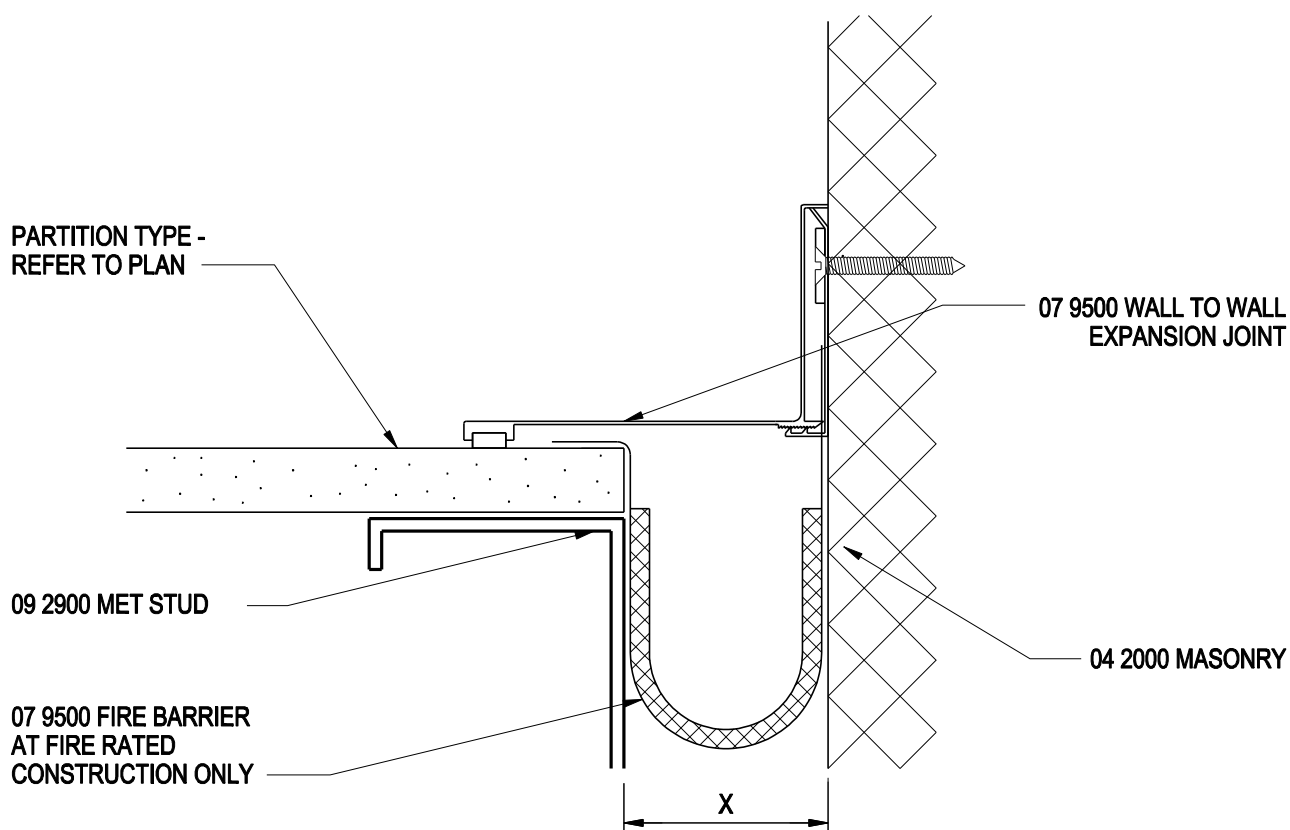
MASONRY WALL EXPANSION JOINT

6" = 1'-0"



MASONRY WALL EXPANSION JOINT AT CORNER

6" = 1'-0"



EXPANSION JOINT AT CORNER

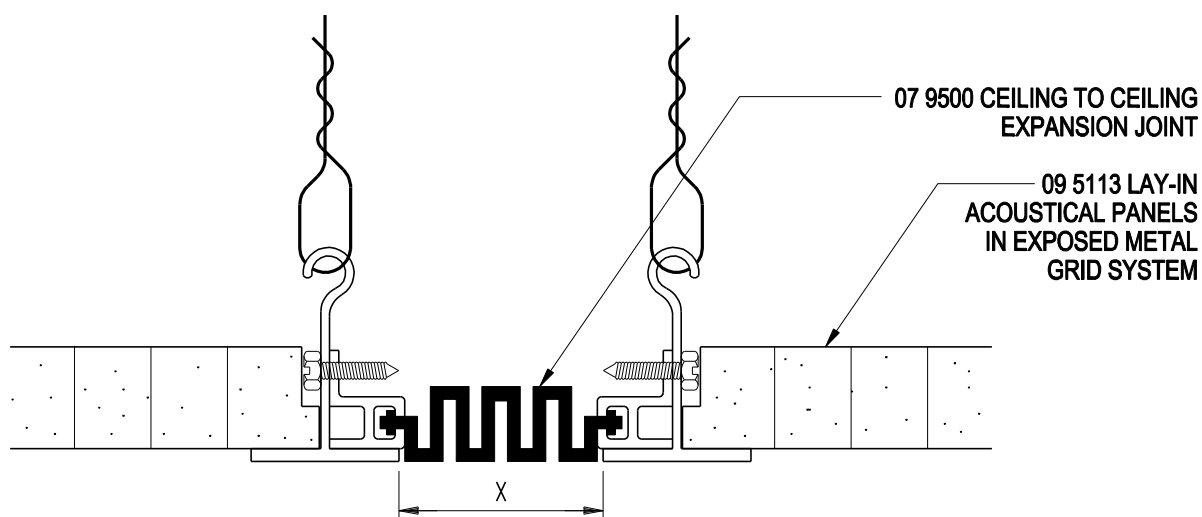
6" = 1'-0"

REFERENCE BY SECTION CUT ON REFLECTED CEILING PLAN

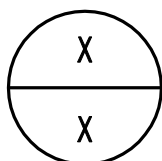
INDICATE JOINT WIDTH (1" OR 2")

BALCO, INC. "VINYLLINES" TYPE AC

Standard Detail



ACOUSTICAL PANEL CEILING EXPANSION JOINT



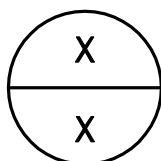
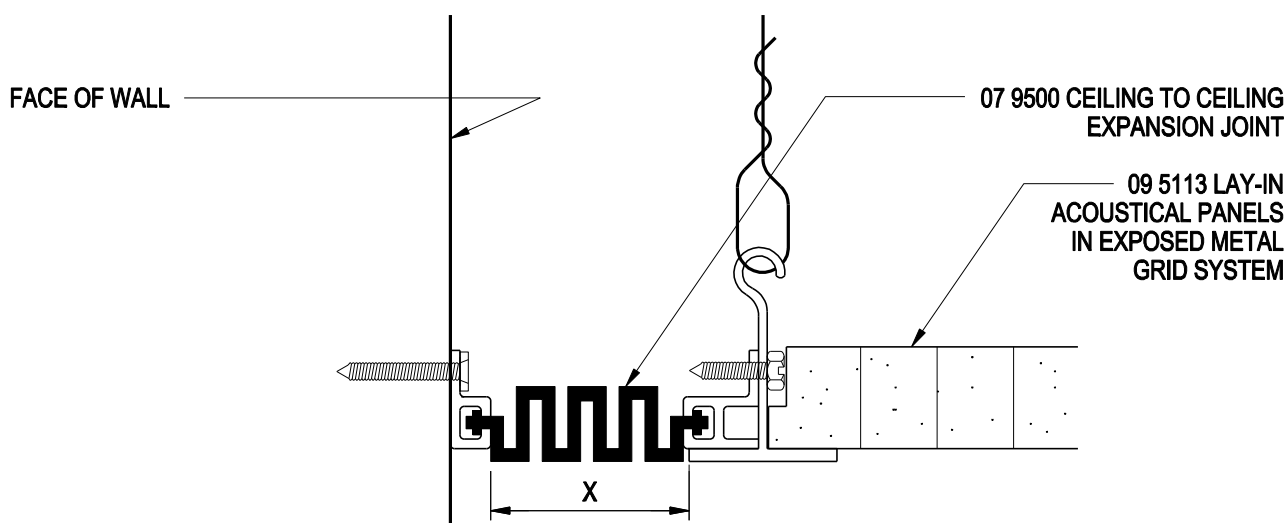
6" = 1'-0"

REFERENCE BY SECTION CUT ON REFLECTED CEILING PLAN

INDICATE JOINT WIDTH (1" OR 2")

BALCO, INC. "VINYLINES" TYPE AC

Standard Detail



ACOUSTICAL PANEL CEILING EXPANSION JOINT AT WALL

6" = 1'-0"

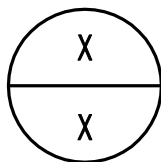
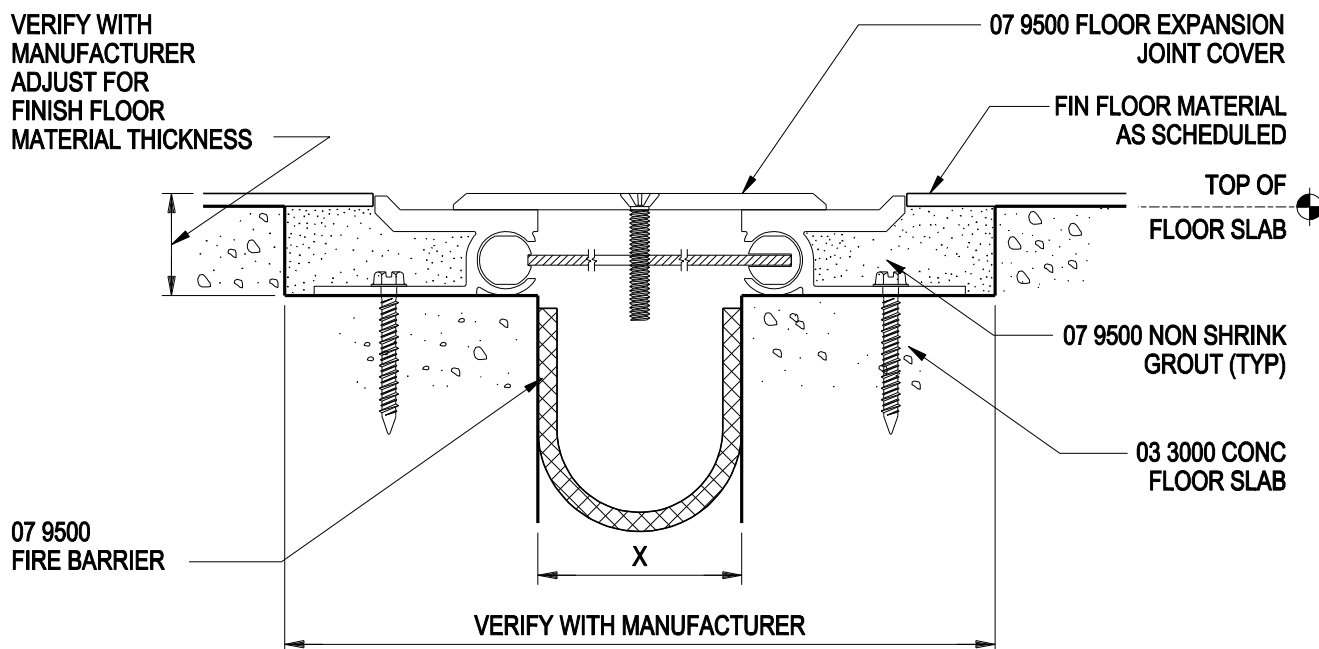
VERIFY WIDTH OF EXPANSION JOINT W/STRUCTURAL AND ADD
DIMENSIONS TO DETAIL.

BALCO INC STANDARD FLEXIBLE FLOOR EXPANSION JOINT

COVER - TYPE 'DA'-----

Standard Detail

VERIFY WITH
MANUFACTURER
ADJUST FOR
FINISH FLOOR
MATERIAL THICKNESS



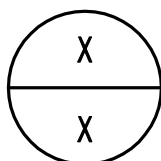
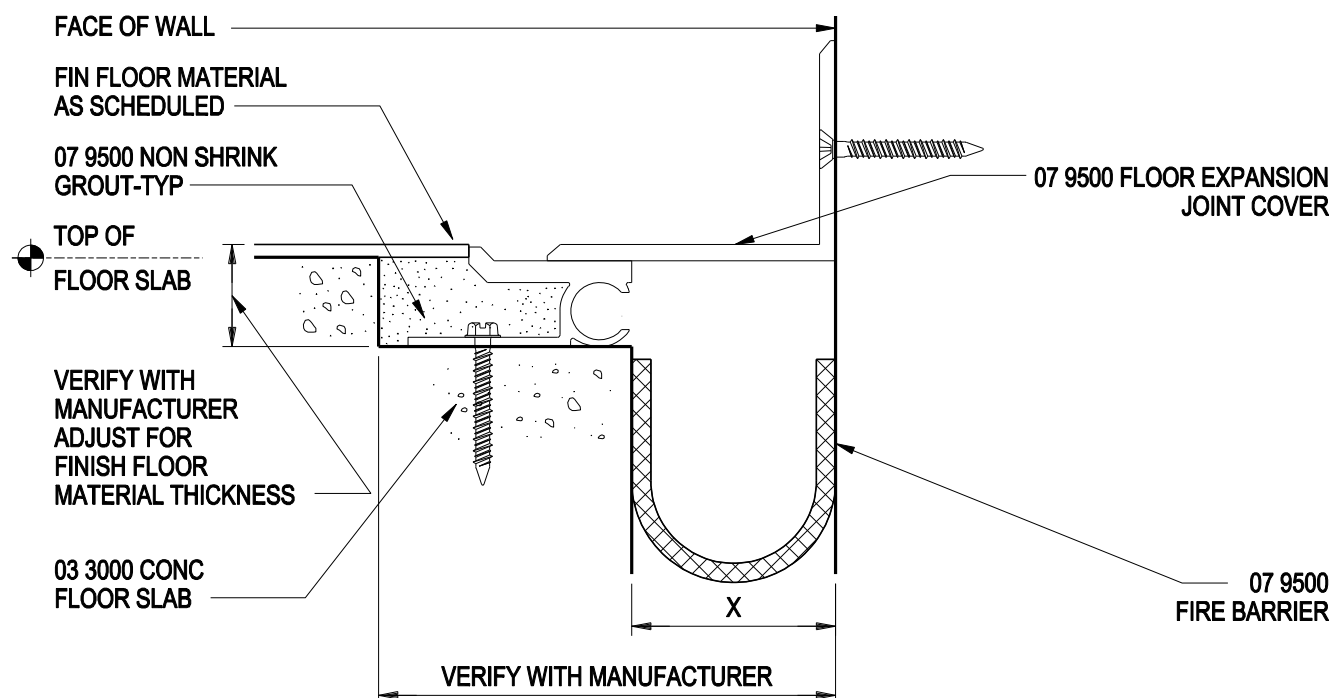
EXPANSION JOINT FLOOR TO FLOOR

VERIFY WIDTH OF EXPANSION JOINT W/STRUCTURAL AND ADD
DIMENSIONS TO DETAIL.

BALCO INC STANDARD FLEXIBLE FLOOR EXPANSION JOINT

COVER - TYPE 'RDAL'———

Standard Detail



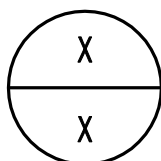
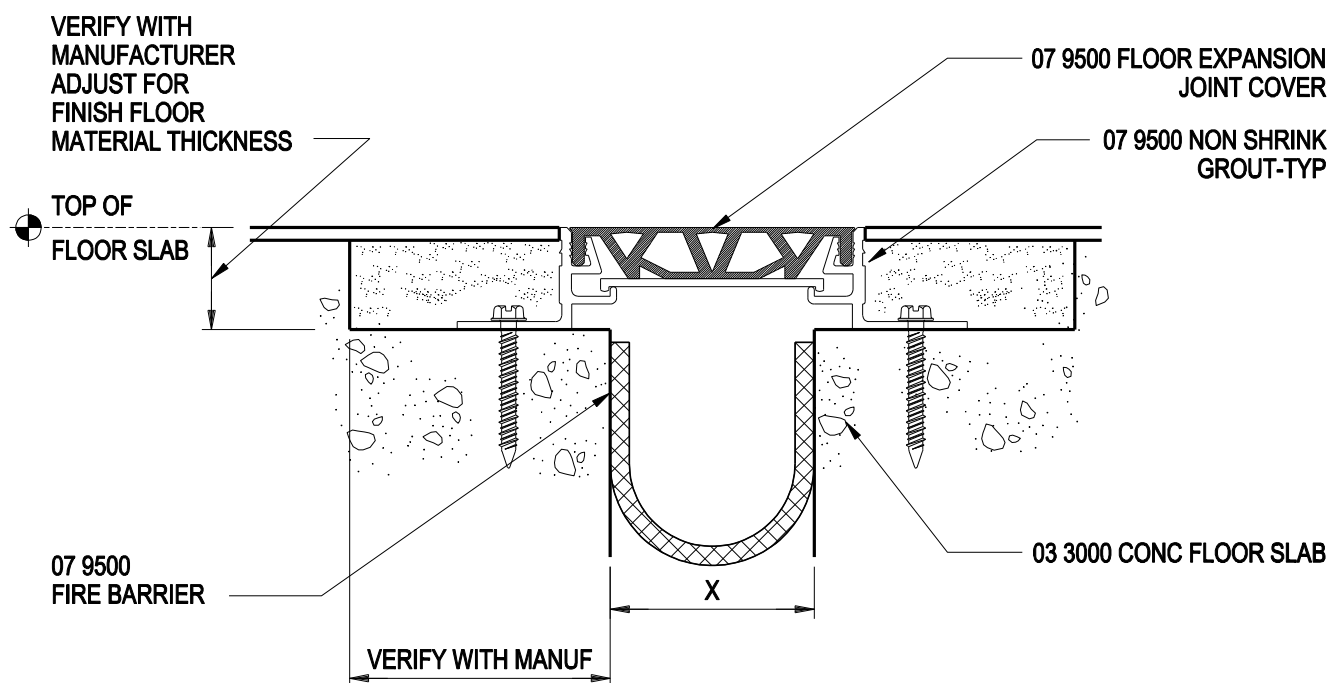
EXPANSION JOINT FLOOR TO WALL

6" = 1'-0"

VERIFY WIDTH OF EXPANSION JOINT W/STRUCTURAL AND ADD
DIMENSIONS TO DETAIL.

MM SYSTEMS CORP SERIES FS

Standard Detail



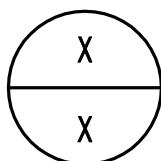
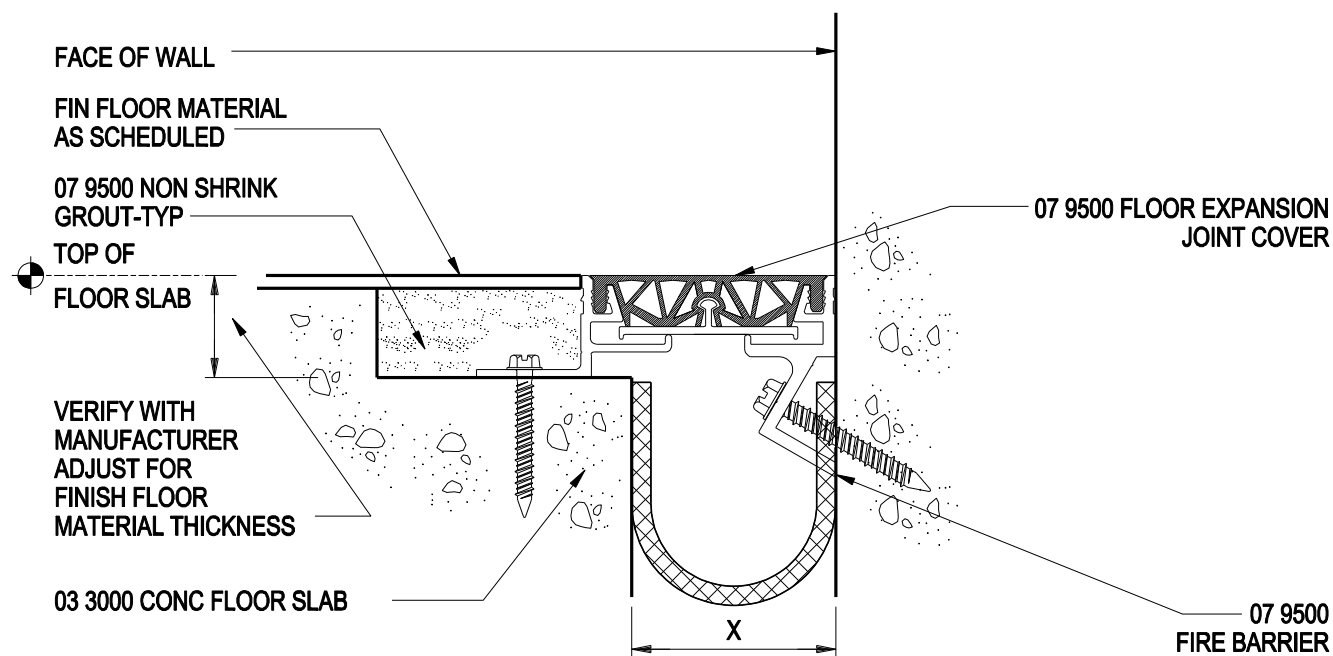
EXPANSION JOINT FLOOR TO FLOOR

6" = 1'-0"

VERIFY WIDTH OF EXPANSION JOINT W/STRUCTURAL AND ADD
DIMENSIONS TO DETAIL.

MM SYSTEMS CORP SERIES FSNE

Standard Detail



EXPANSION JOINT FLOOR TO WALL

6" = 1'-0"

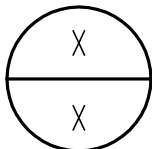
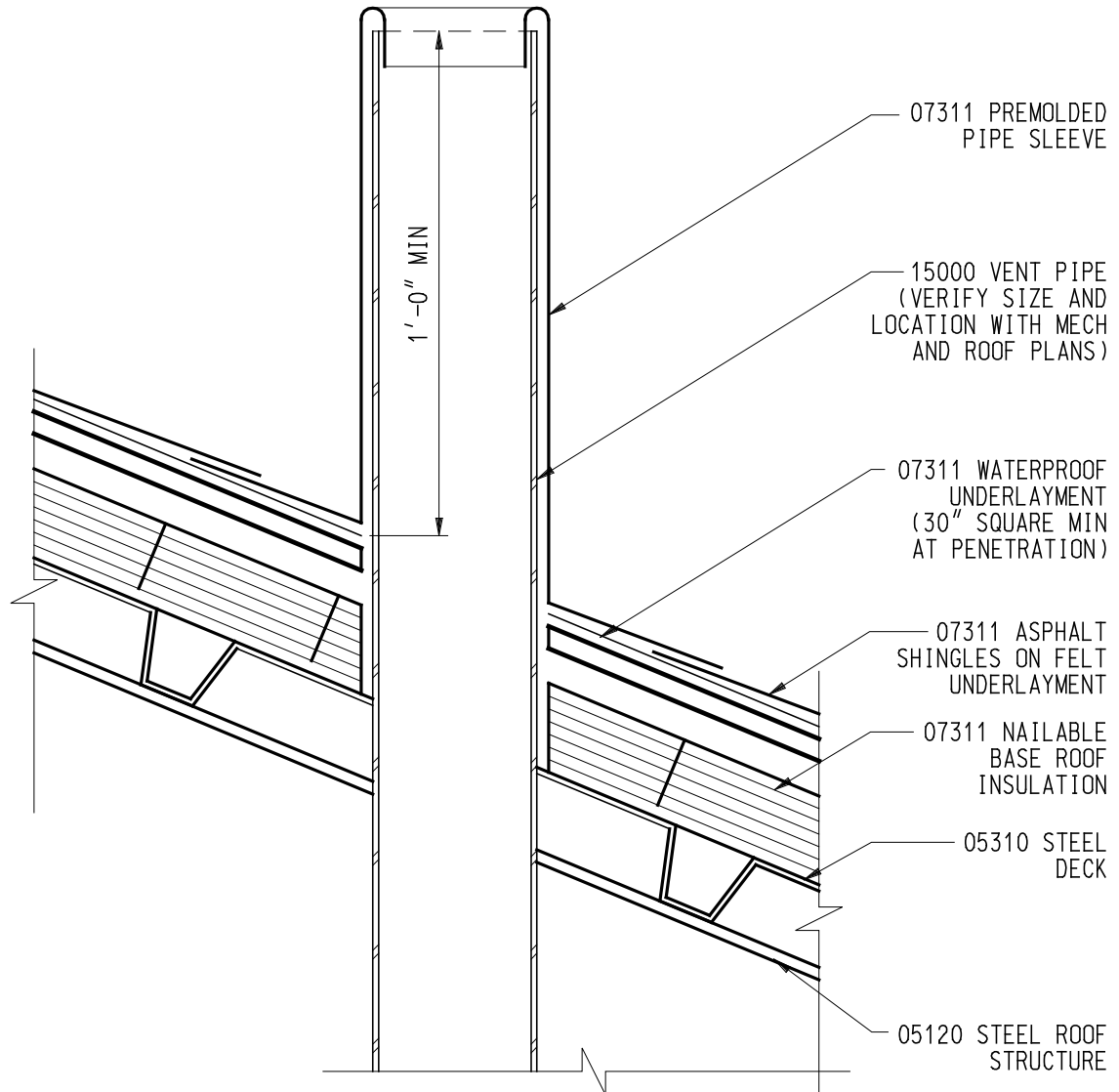


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Notes / Instructions

USE FOR ASPHALT SHINGLE ROOF ON NAILABLE BASE
ON STEEL DECK

Standard Detail



TYPICAL VENT THRU ROOF

SHINGLE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07101

Date

1-23-02

Department

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Detail No.

07-101

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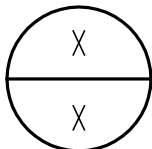
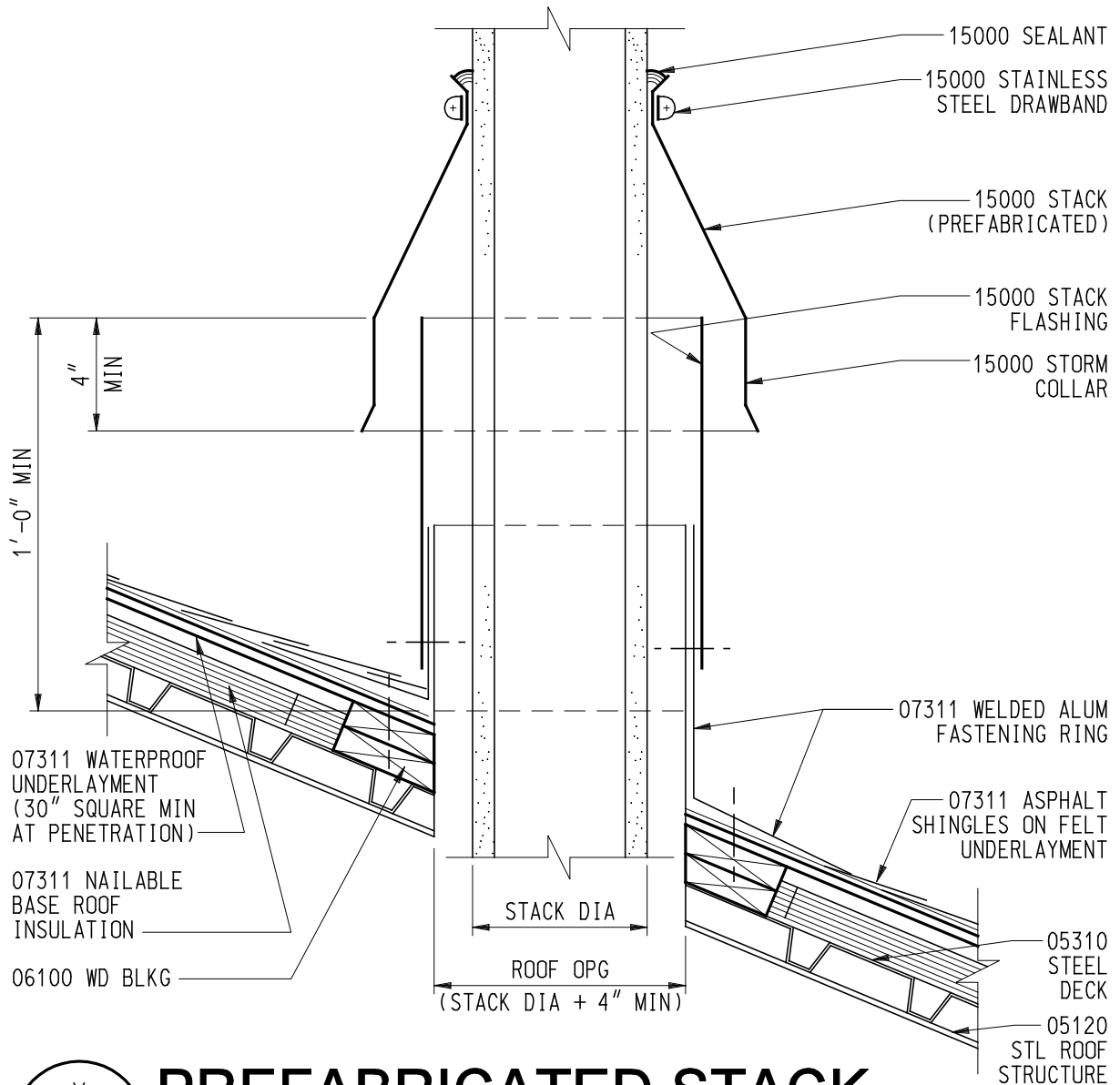


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Notes / Instructions

USE FOR ASPHALT SHINGLE ROOF ON NAILABLE BASE
ON STEEL DECK

Standard Detail



PREFABRICATED STACK

SHINGLE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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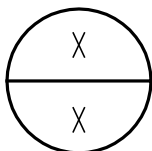
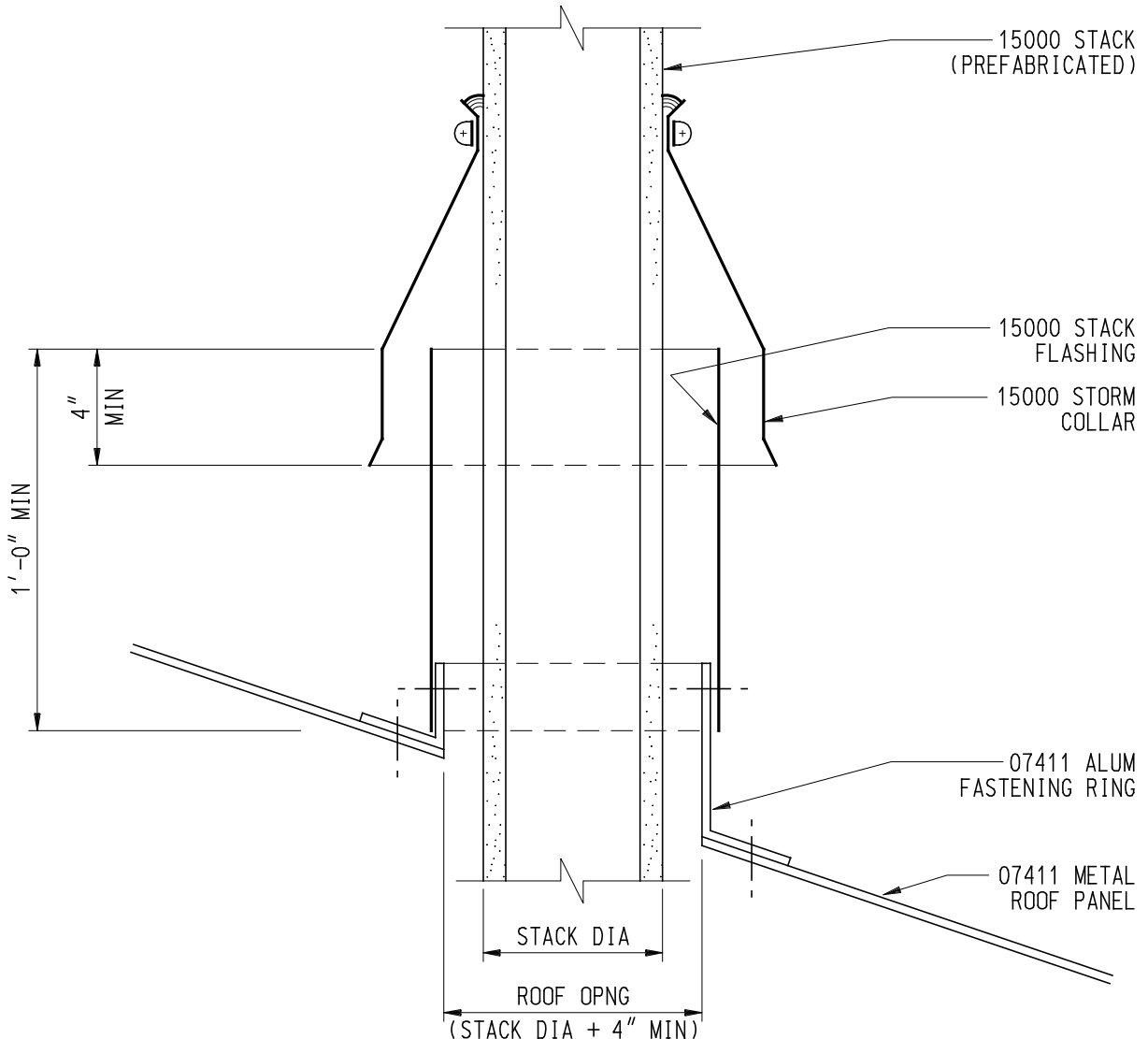
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Notes / Instructions

USE FOR BOILER STACKS, ETC. VERIFY W/MECHANICAL
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

Standard Detail



PREFABRICATED STACK

METAL ROOF PANEL

1 1/2" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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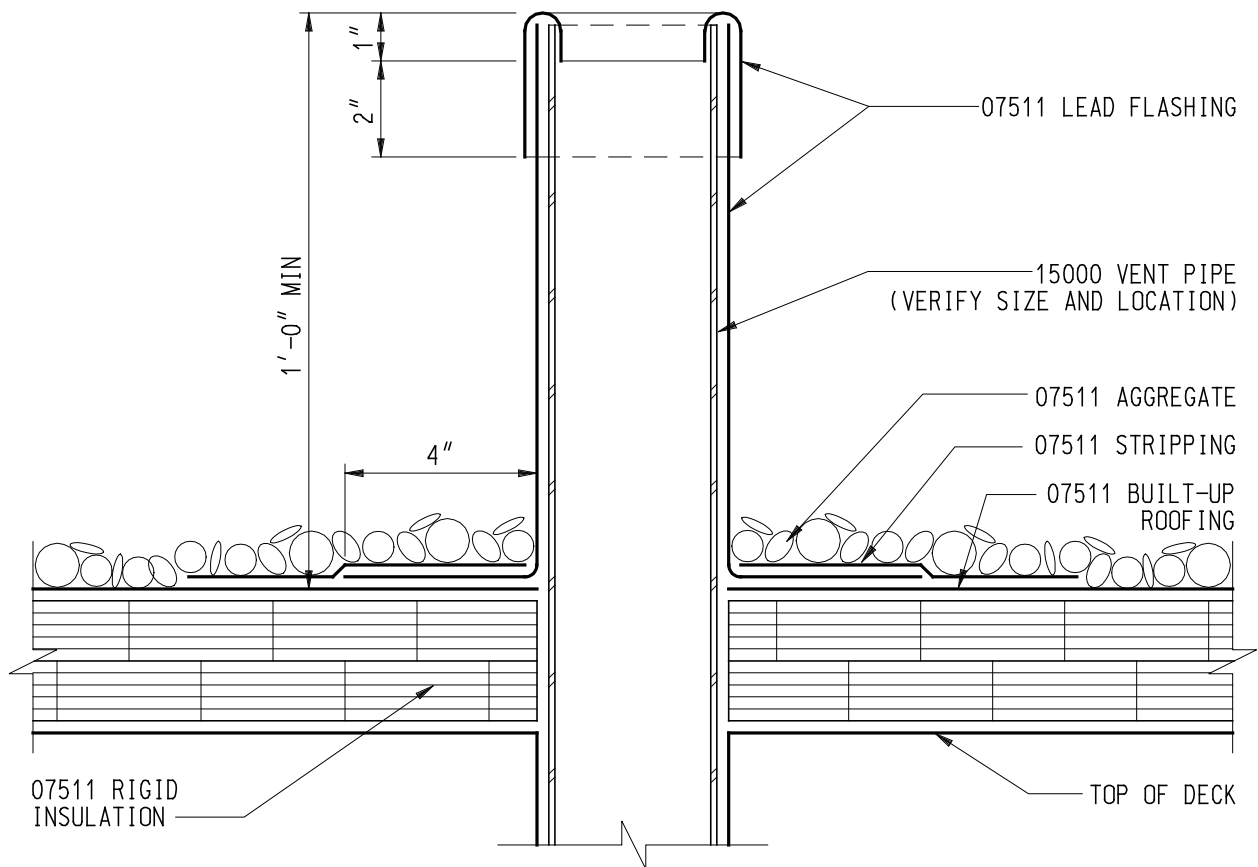


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Notes / Instructions

"KOPPERS" BUILT-UP ASPHALT ROOFING OR
COAL TAR ROOFING

Standard Detail



TYPICAL VENT THRU ROOF

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

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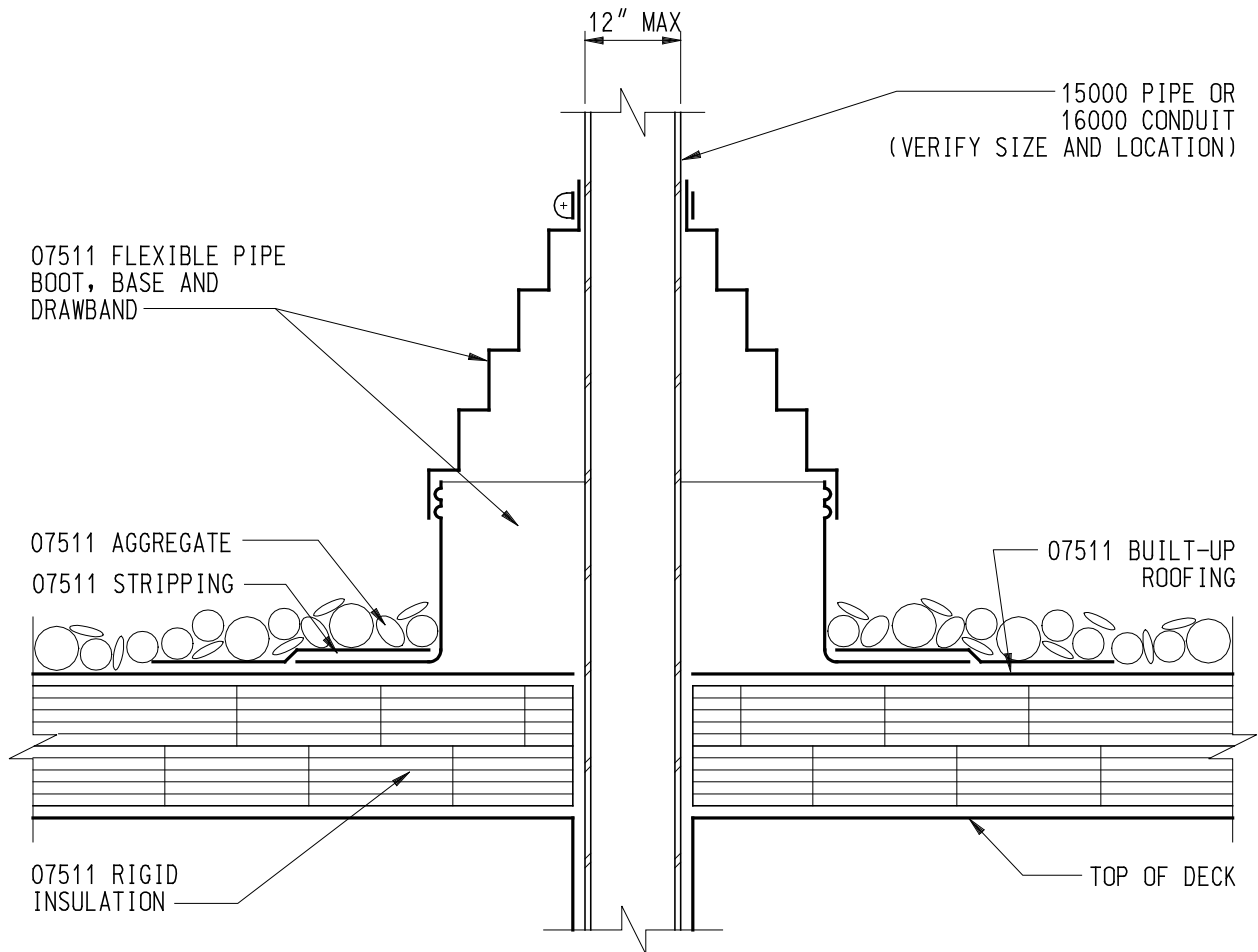


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Standard Detail

Notes / Instructions

VERIFY THAT FLEXIBLE PIPE BOOT CAN BE INSTALLED
OVER PIPE OR CONDUIT, OTHERWISE USE DETAIL 07-218
"KOPPERS" BUILT-UP ASPHALT ROOFING OR
COAL TAR ROOFING



TYPICAL PIPE THRU ROOF

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Standard Detail

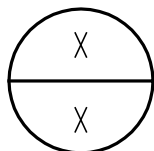
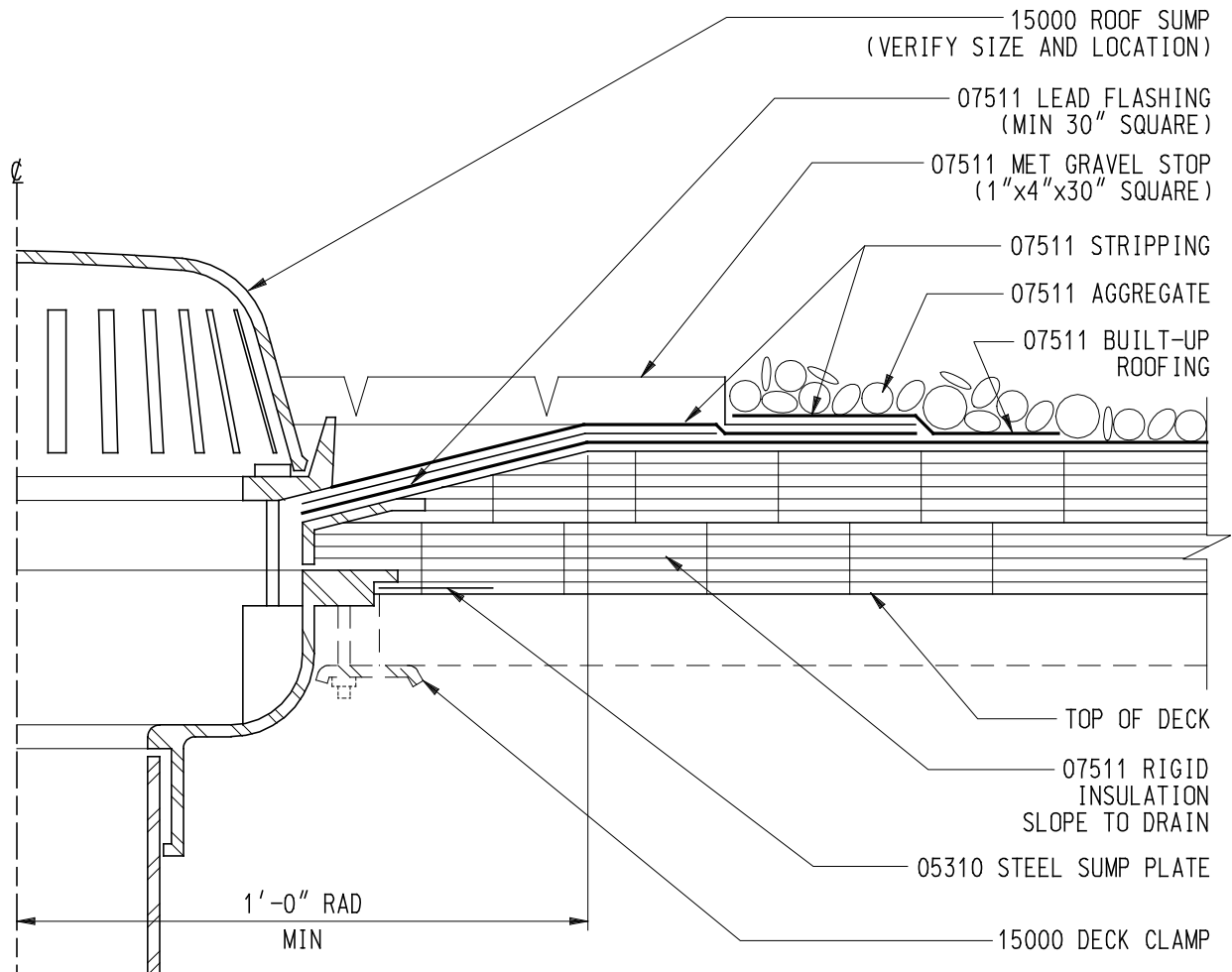
Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE W/STRUCTURAL, AND MECHANICAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR

COAL TAR ROOFING



ROOF SUMP

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Standard Detail

Notes / Instructions

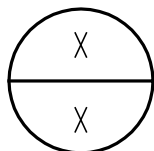
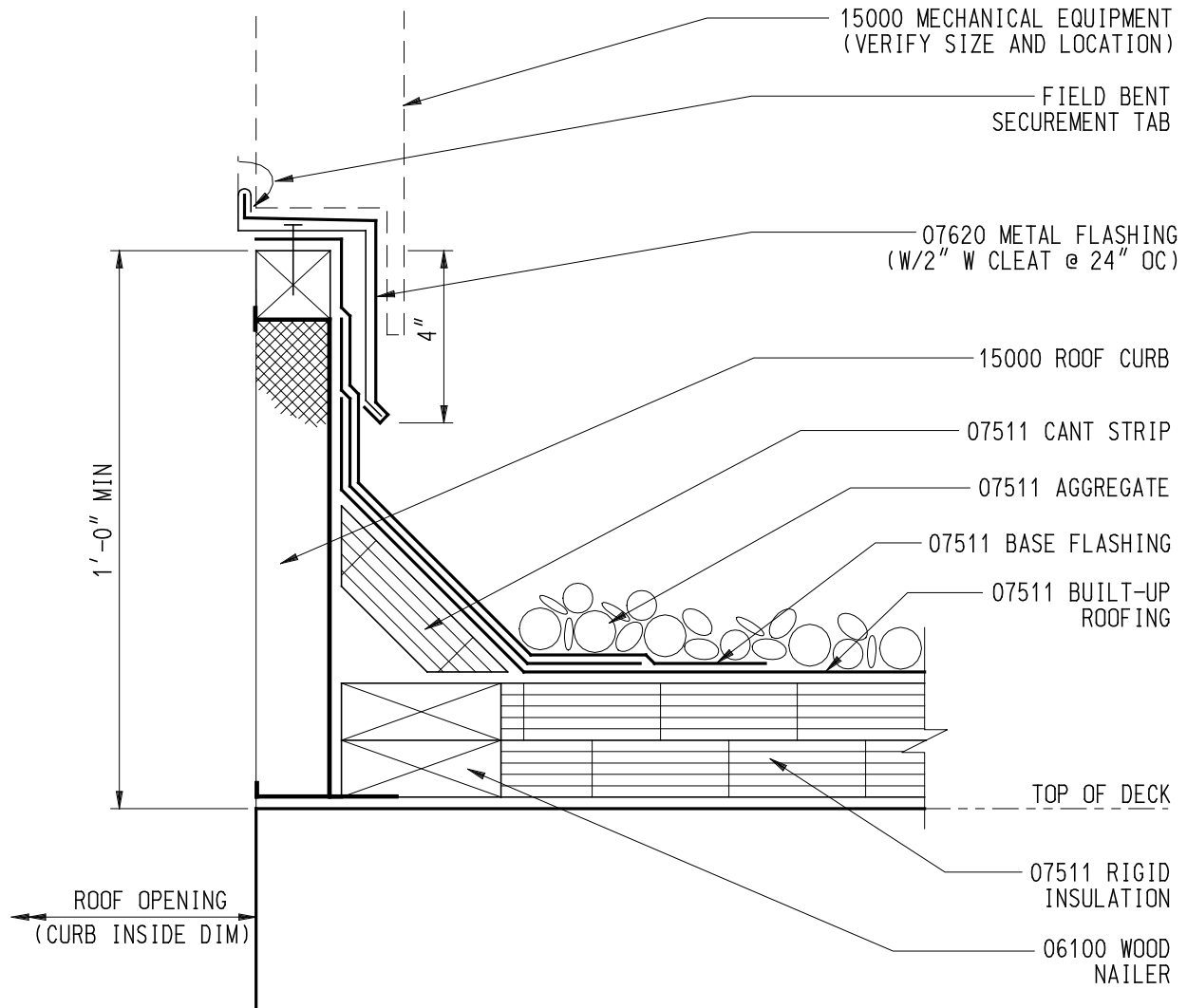
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR

COAL TAR ROOFING



ROOF CURB

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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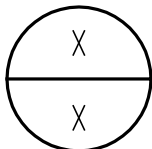
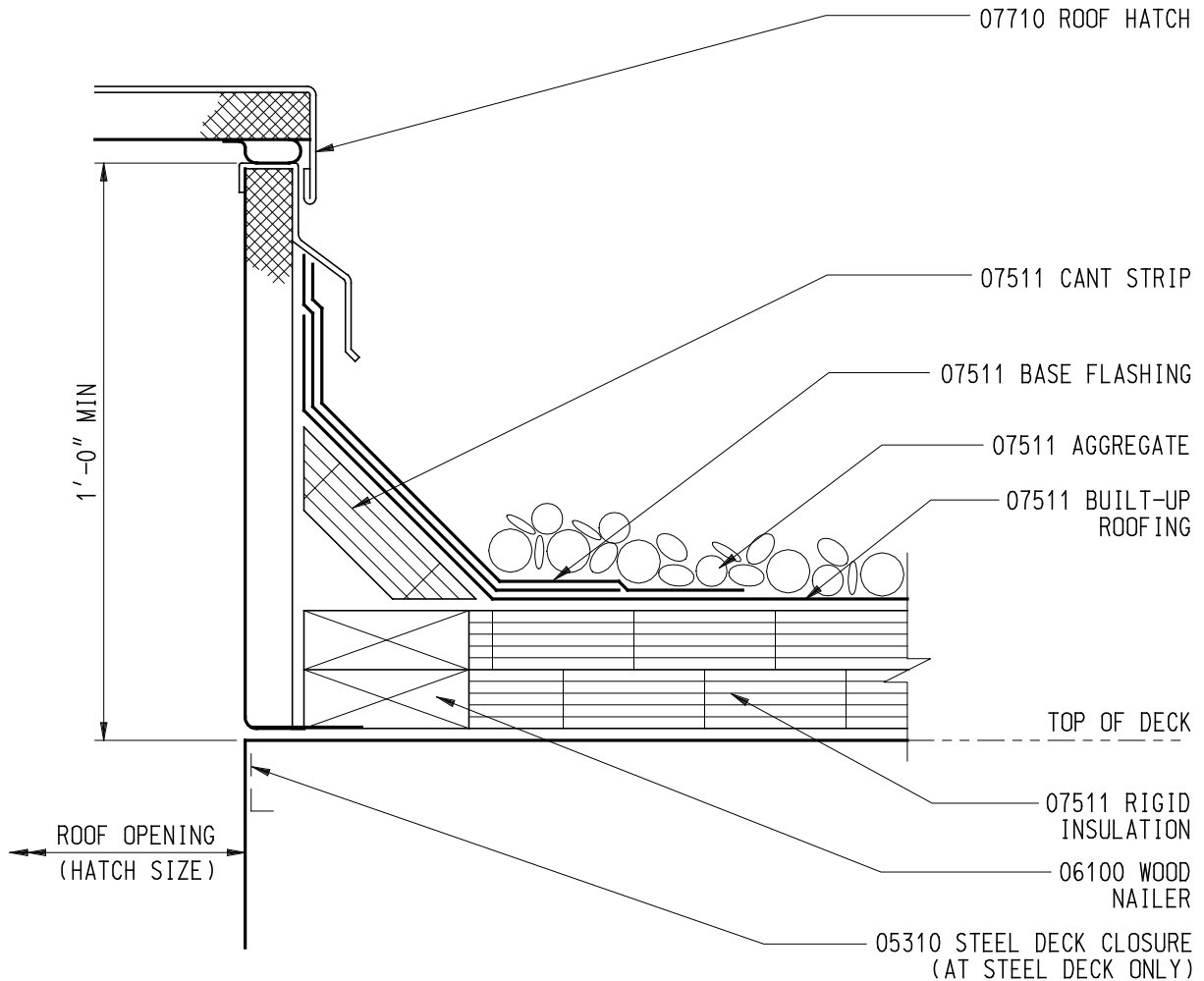
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Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"KOPPERS" BUILT-UP ASPHALT ROOFING OR
COAL TAR ROOFING



ROOF HATCH

BUILT-UP ROOFING

3" = 1'-0"

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Standard Detail

Notes / Instructions

SHOW AND DIMENSION PENTHOUSE HEIGHT PLUS ROOF

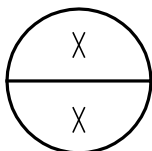
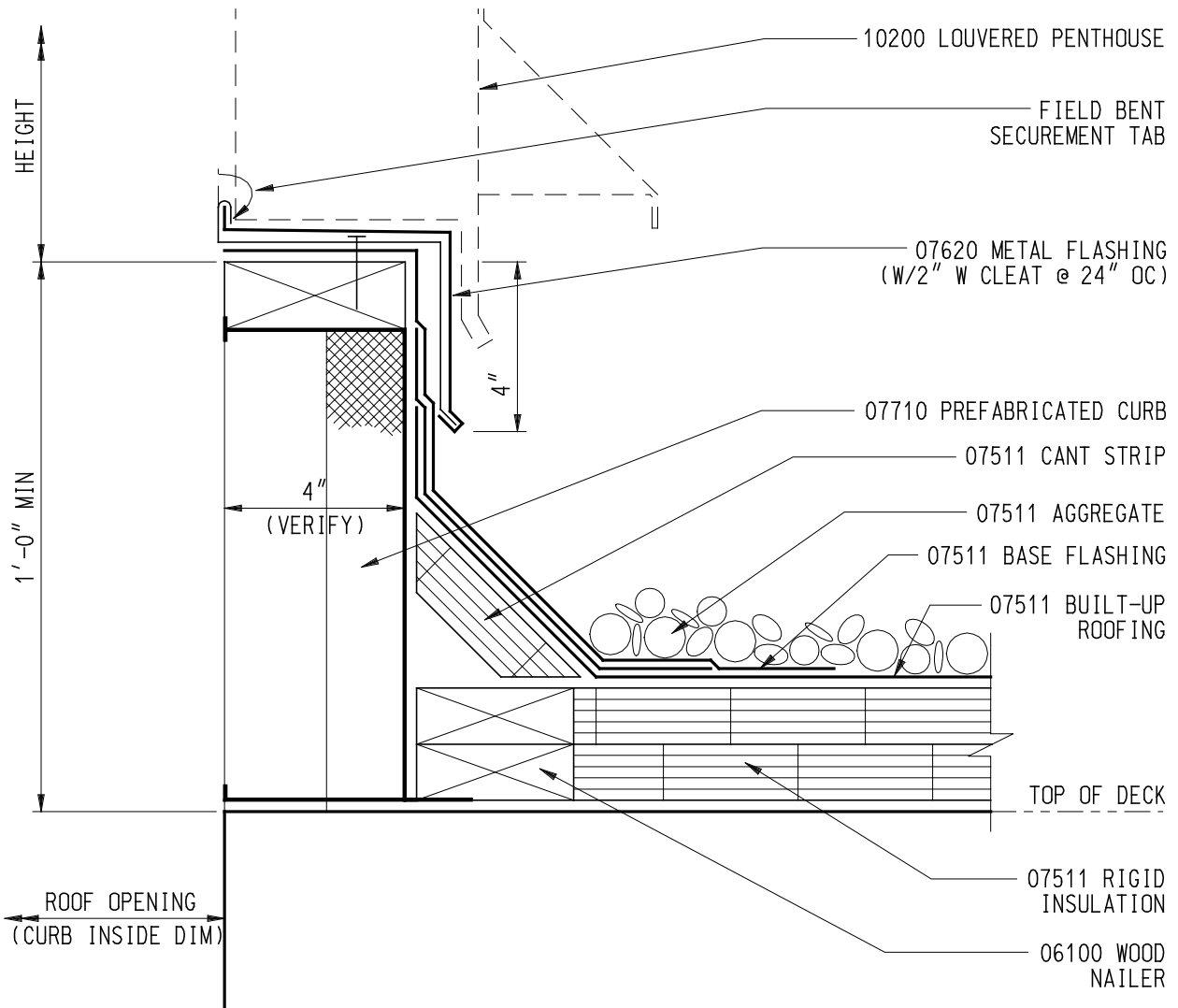
OPENING ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR

COAL TAR ROOFING



LOUVERED PENTHOUSE

BUILT-UP ROOFING

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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Notes / Instructions

USE FOR PRESSURE RELIEF VENTS, FLUES, OR FUME HOOD

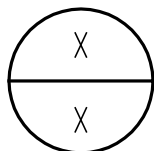
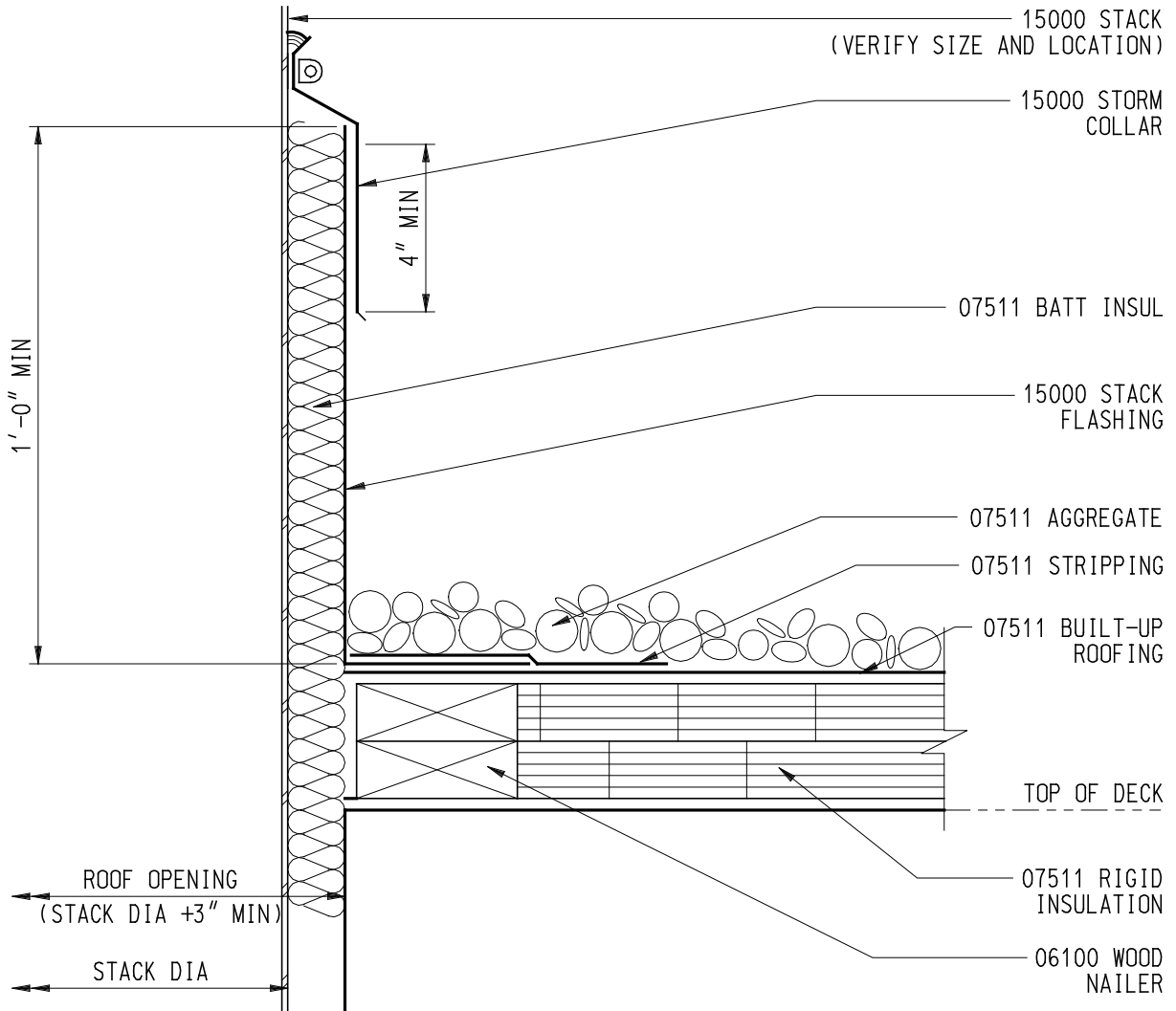
EXHAUST, ETC., SMALL DIAMETER VERIFY W/MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



STACK

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Notes / Instructions

USE FOR BOILER OR GENERATOR STACKS, ETC.

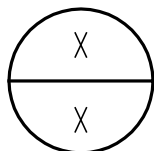
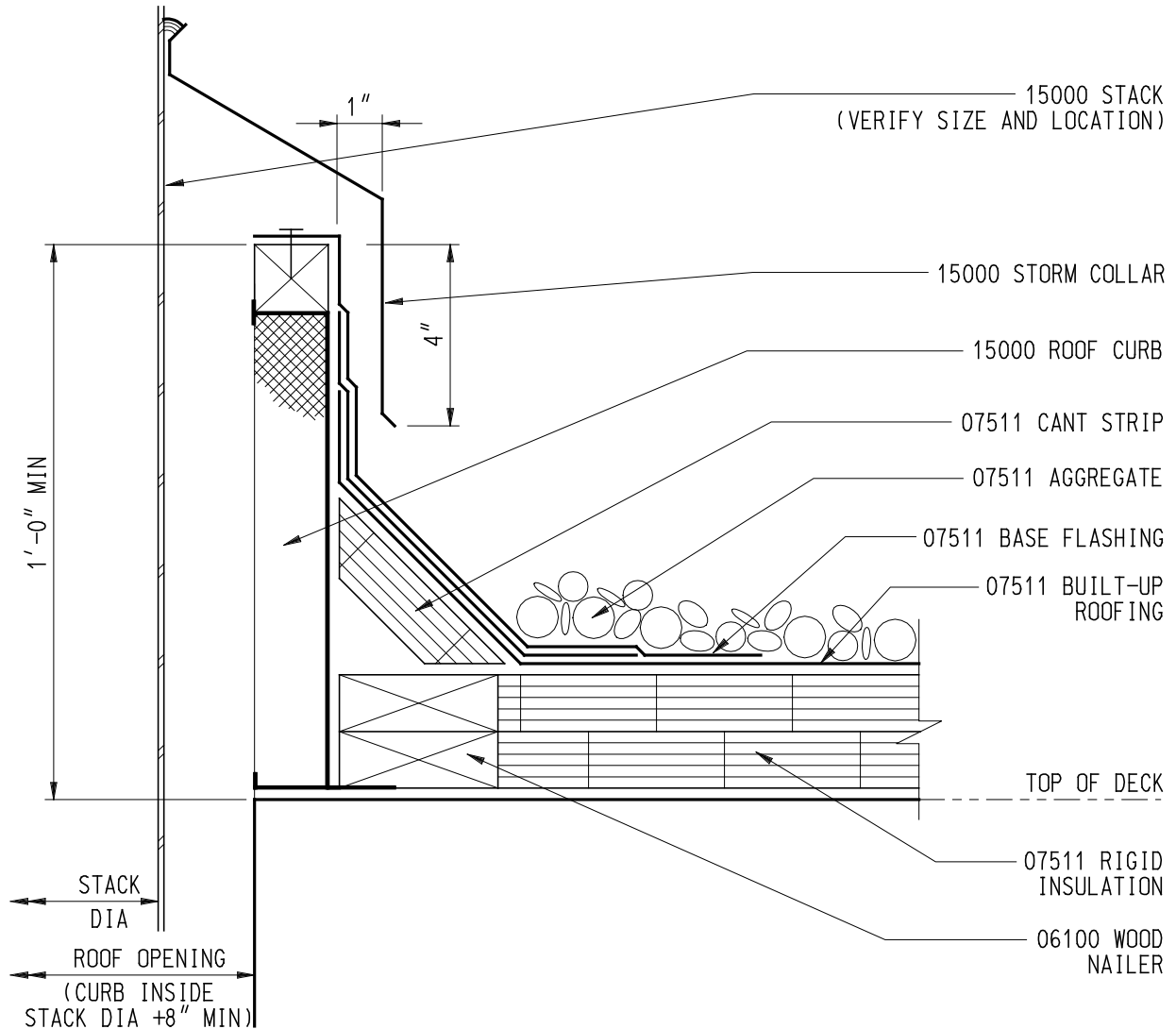
VERIFY W/MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



HIGH TEMPERATURE STACK

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07208

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07-208

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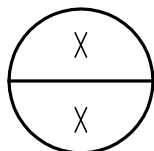
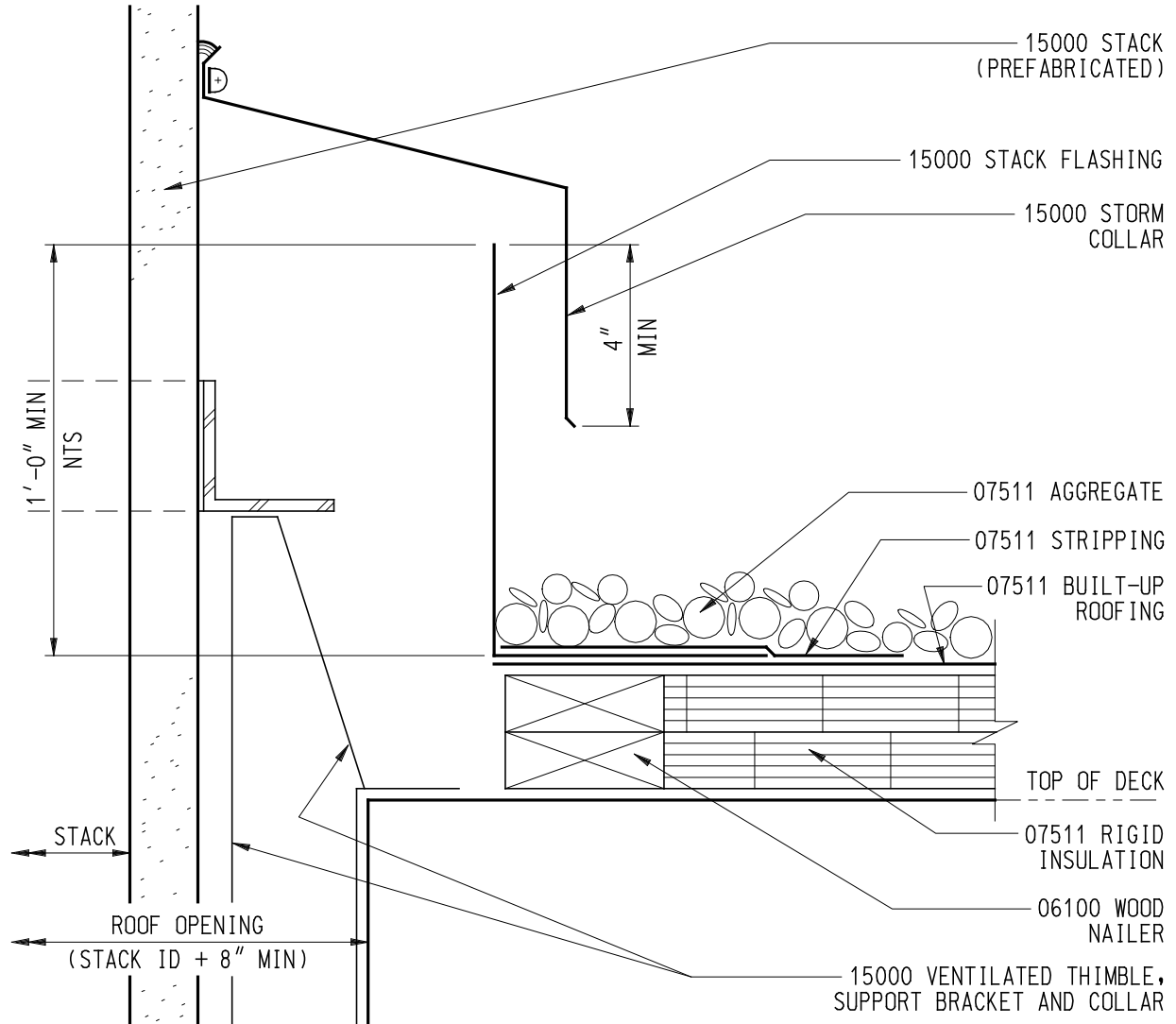


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Standard Detail

Notes / Instructions

USE FOR BOILER STACKS, ETC. ON COMBUSTIBLE OR
NONCOMBUSTIBLE ROOFS - VERIFY W/MECHANICAL
SHOW ON ROOF PLAN
COORDINATE OPENING SIZE, LOCATION AND
ADDITIONAL SUPPORT FRAMING W/MECHANICAL & STRUCTURAL
"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



PREFAB STACK - VENTILATED

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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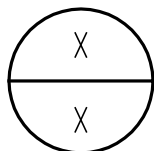
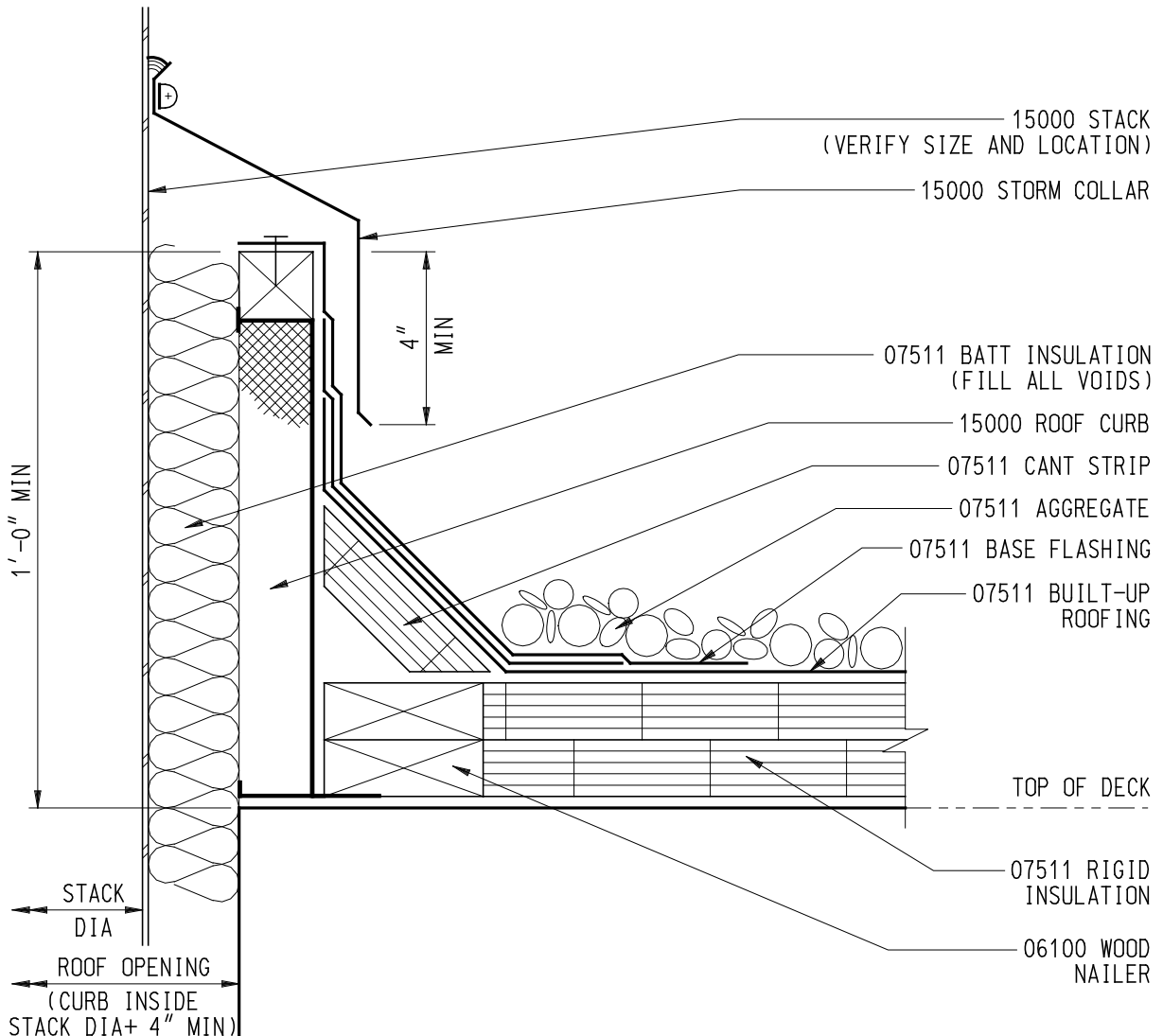


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Standard Detail

Notes / Instructions

USE FOR FUME HOOD EXHAUST, ETC., LARGE DIAMETER
VERIFY W/MECHANICAL
SHOW ON ROOF PLAN
COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



STACK

BUILT-UP ROOFING

3" = 1'-0"

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\$ DATE AND TIME \$

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Standard Detail

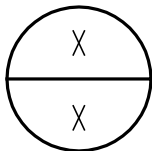
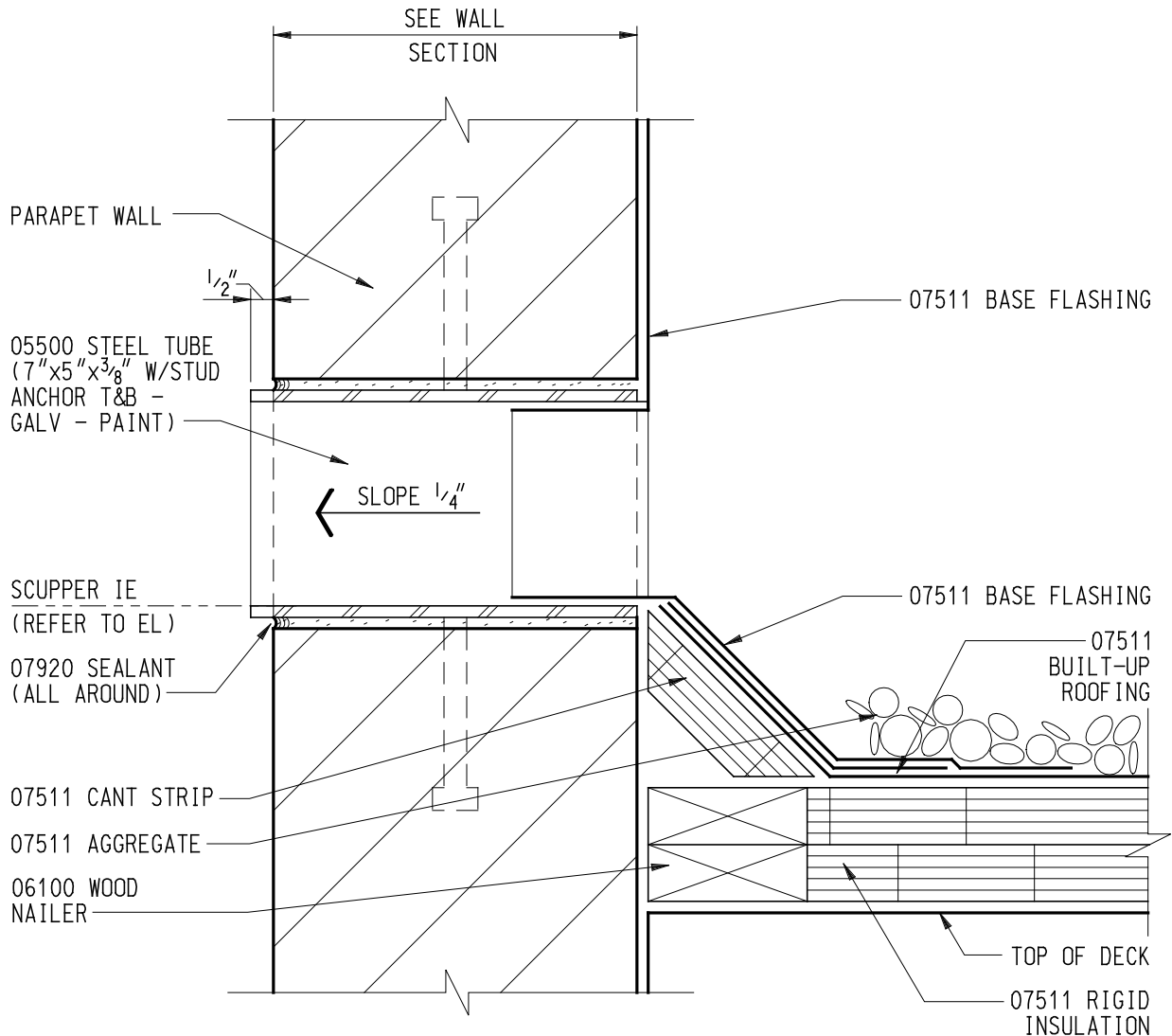
Notes / Instructions

USE TO SATISFY 2000 MICH BLDG CODE OR

2000 IBC SECTION 1611.3

7"x5" STEEL TUBE SIZED FOR MODULAR BRICK, CHANGE TO
8"x4" FOR UTILITY BRICK

NOTE SCUPPER INVERT ELEV (I.E.) ON EXTERIOR ELEVATIONS
"JOHNS MANVILLE" MECHANICALLY FASTENED



OVERFLOW SCUPPER

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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1-23-02

Department

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Standard Detail

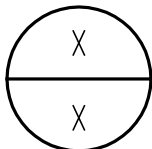
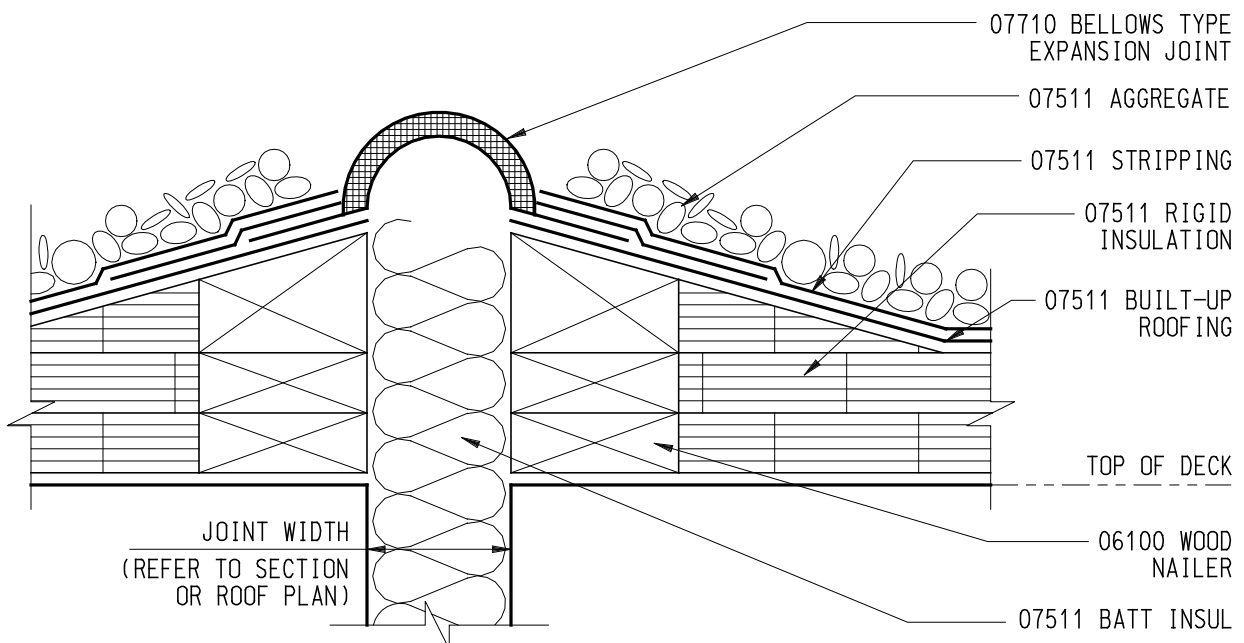
Notes / Instructions

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN (4" MAX)

"KOPPERS" BUILT-UP ASPHALT ROOFING OR

COAL TAR ROOFING



EXPANSION JOINT

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Notes / Instructions

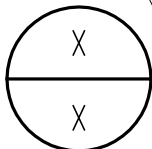
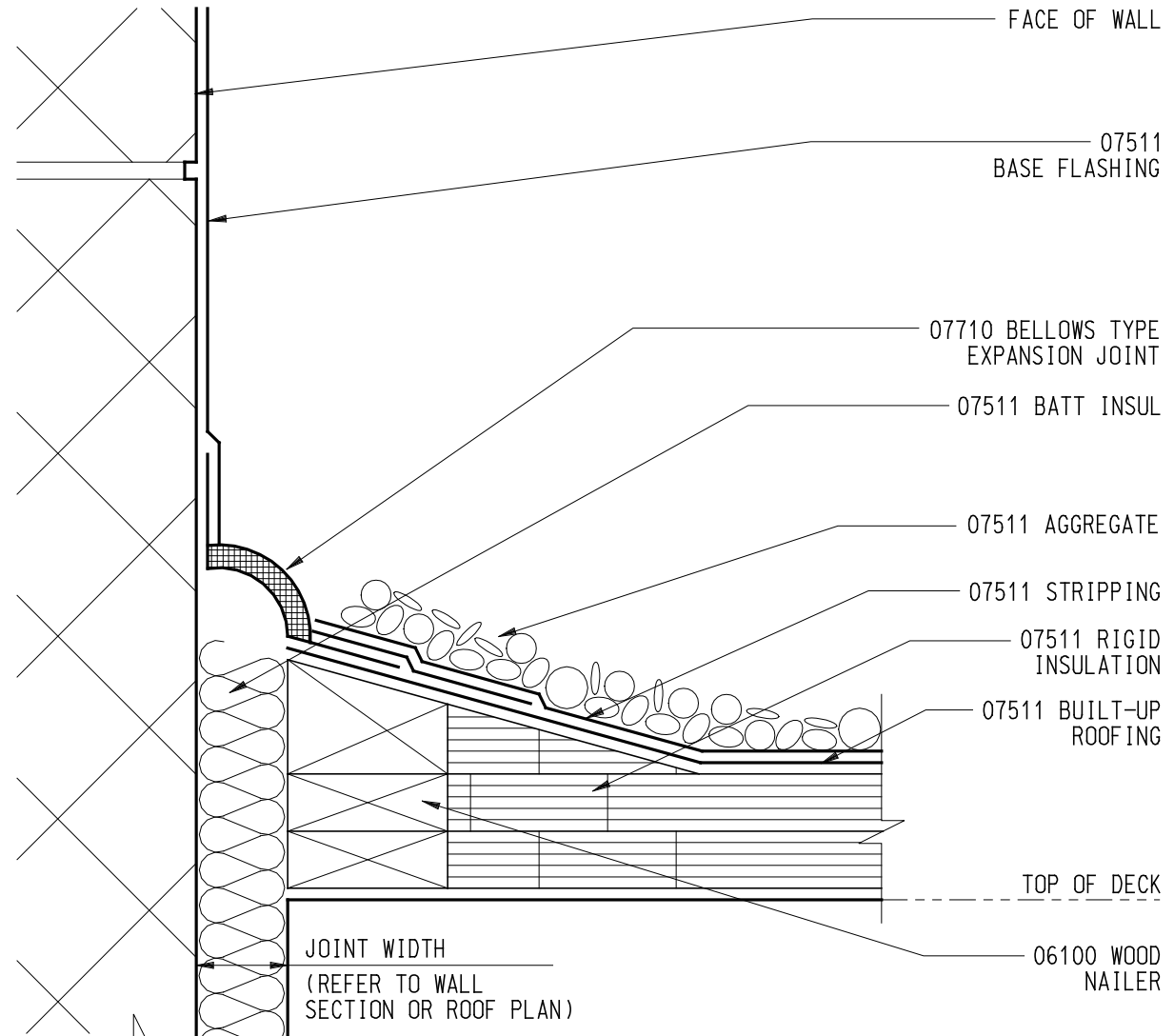
SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON WALL SECTION OR ROOF PLAN (4" MAX)

"KOPPERS" BUILT-UP ASPHALT ROOFING OR

COAL TAR ROOFING

Standard Detail



EXPANSION JOINT AT WALL

BUILT-UP ROOFING

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$

\$ DATE AND TIME \$

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Standard Detail

Notes / Instructions

USE FOR MULTIPLE PIPE OR CONDUIT PENETRATIONS

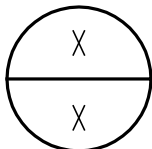
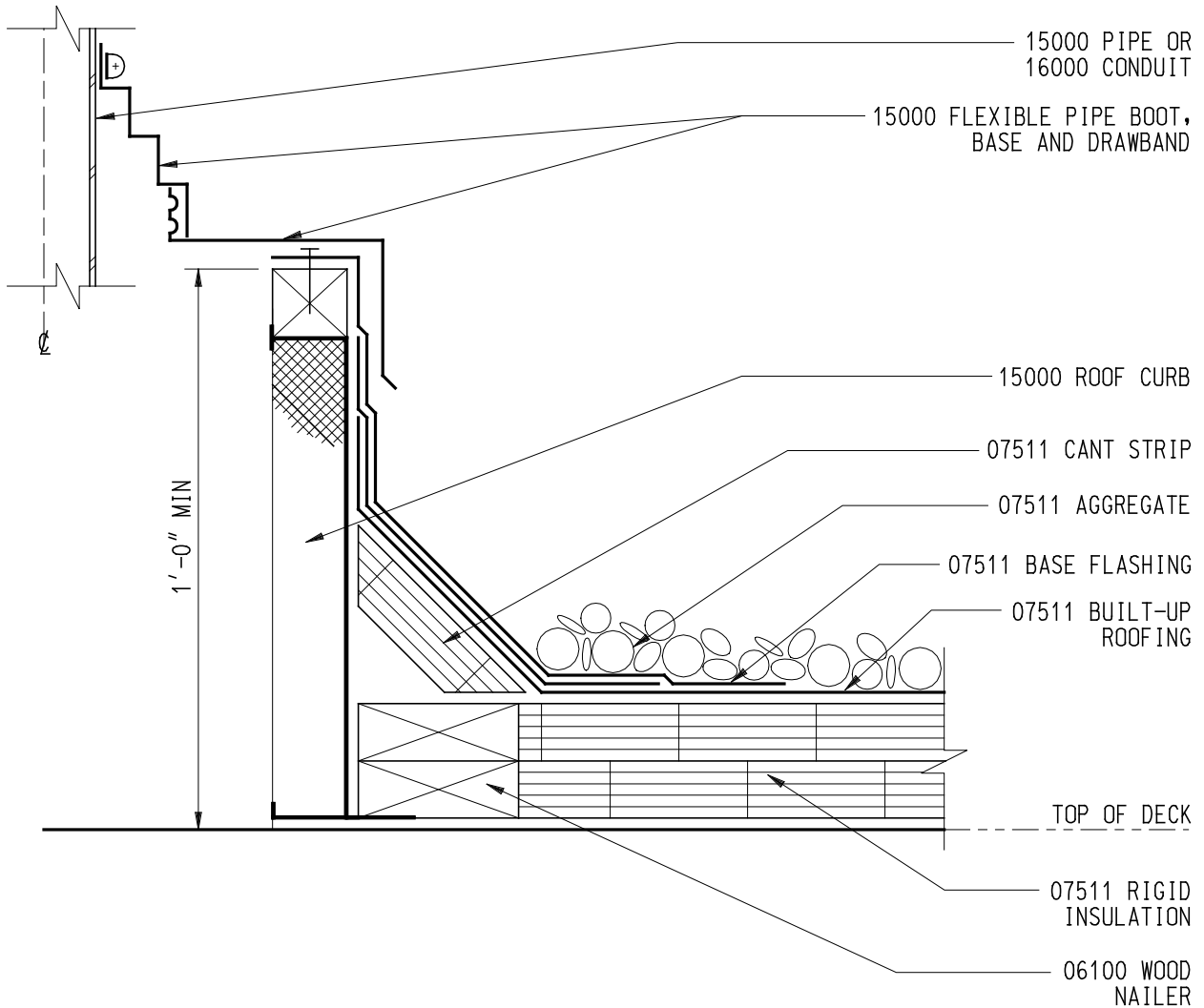
SHOW ON ROOF PLAN

COORDINATE LOCATION W/MECHANICAL AND ELECTRICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

(IF ANY)

"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TER ROOFING



ROOF CURB W/PIPE BOOT

BUILT-UP ROOFING

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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3-4-02

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Standard Detail

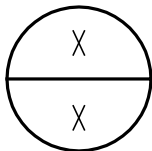
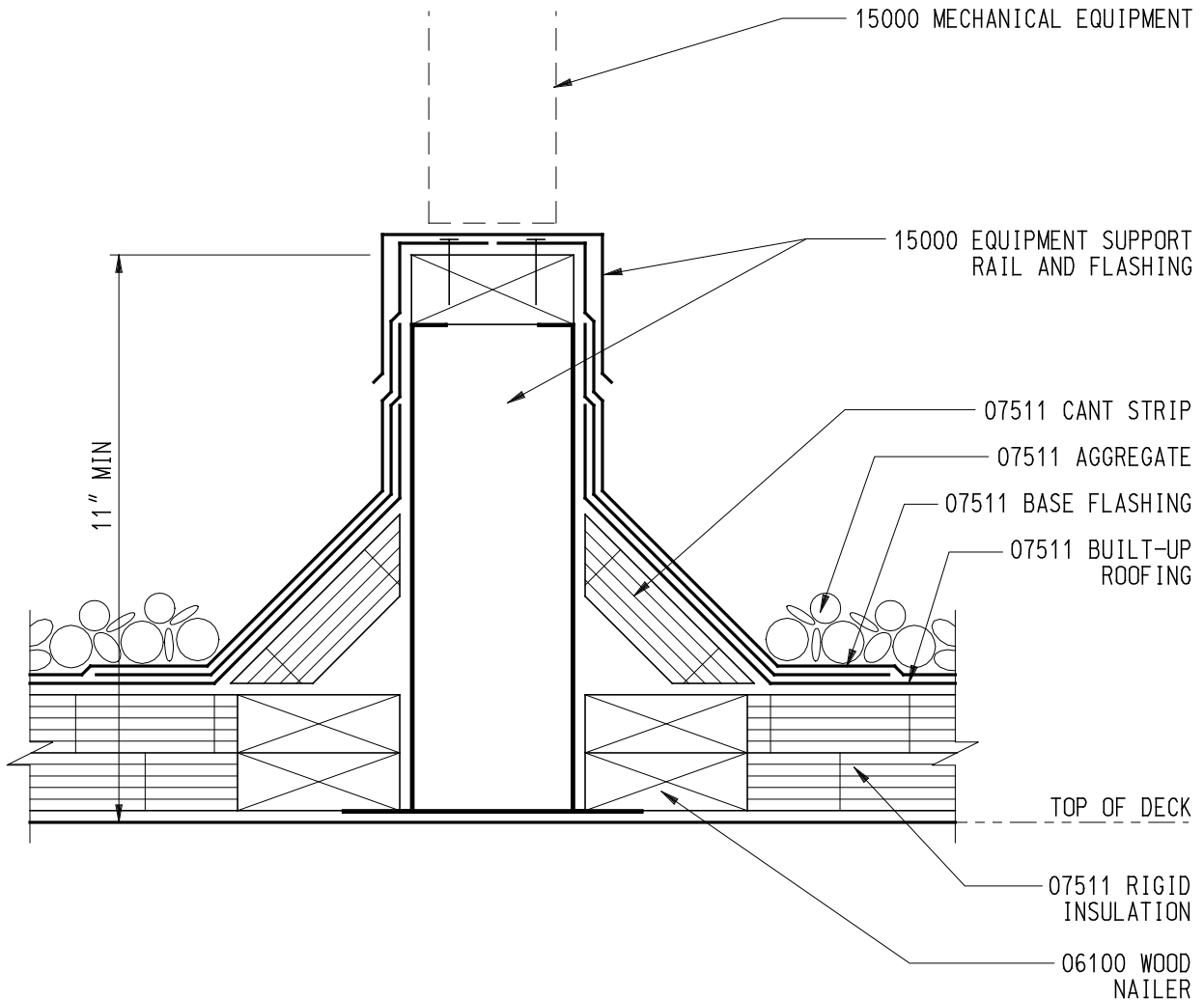
Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



EQUIPMENT SUPPORT RAIL

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Standard Detail

Notes / Instructions

USE FOR MECHANICAL SHEET METAL DUCTS

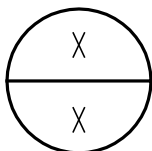
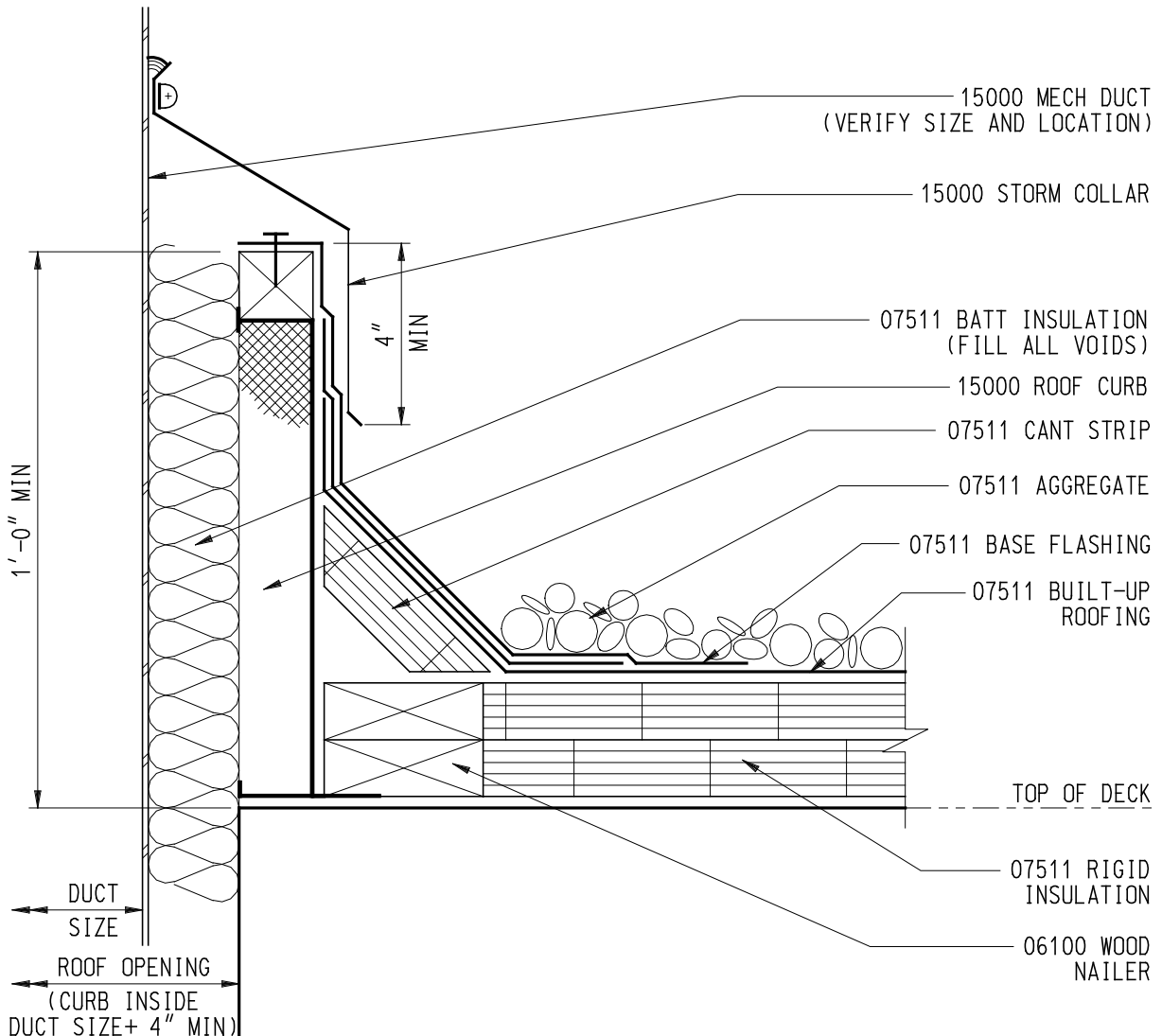
VERIFY W/MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



MECHANICAL DUCT

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Standard Detail

Notes / Instructions

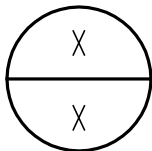
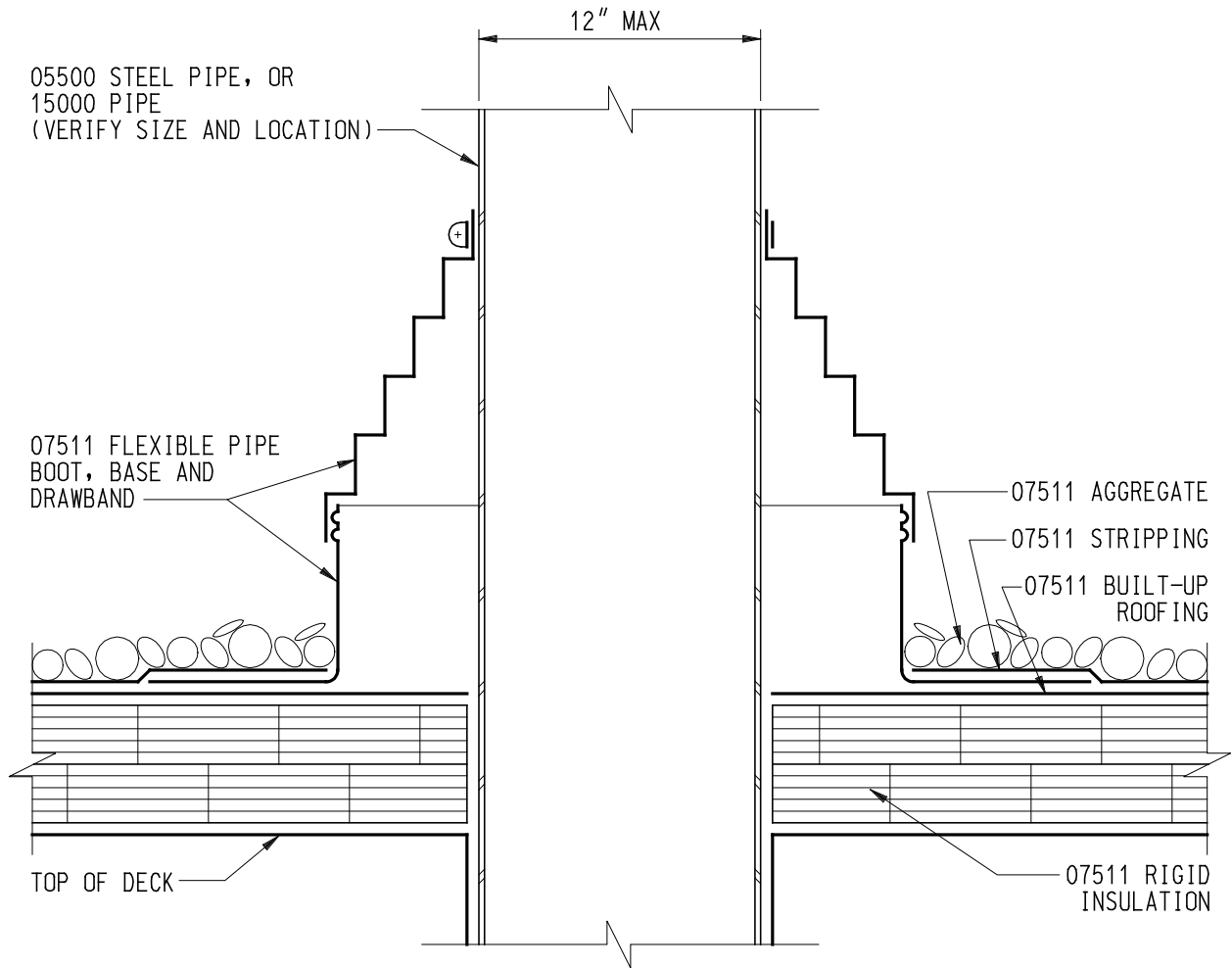
USE FOR STEEL PIPE 6" + TO 12" DIA

SHOW ON ROOF PLAN

COORDINATE W/STRUCTURAL, AND MECHANICAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR

COAL TAR ROOFING



PIPE

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07217

Date

3-4-02

Department

Architecture

Detail No.

07-217

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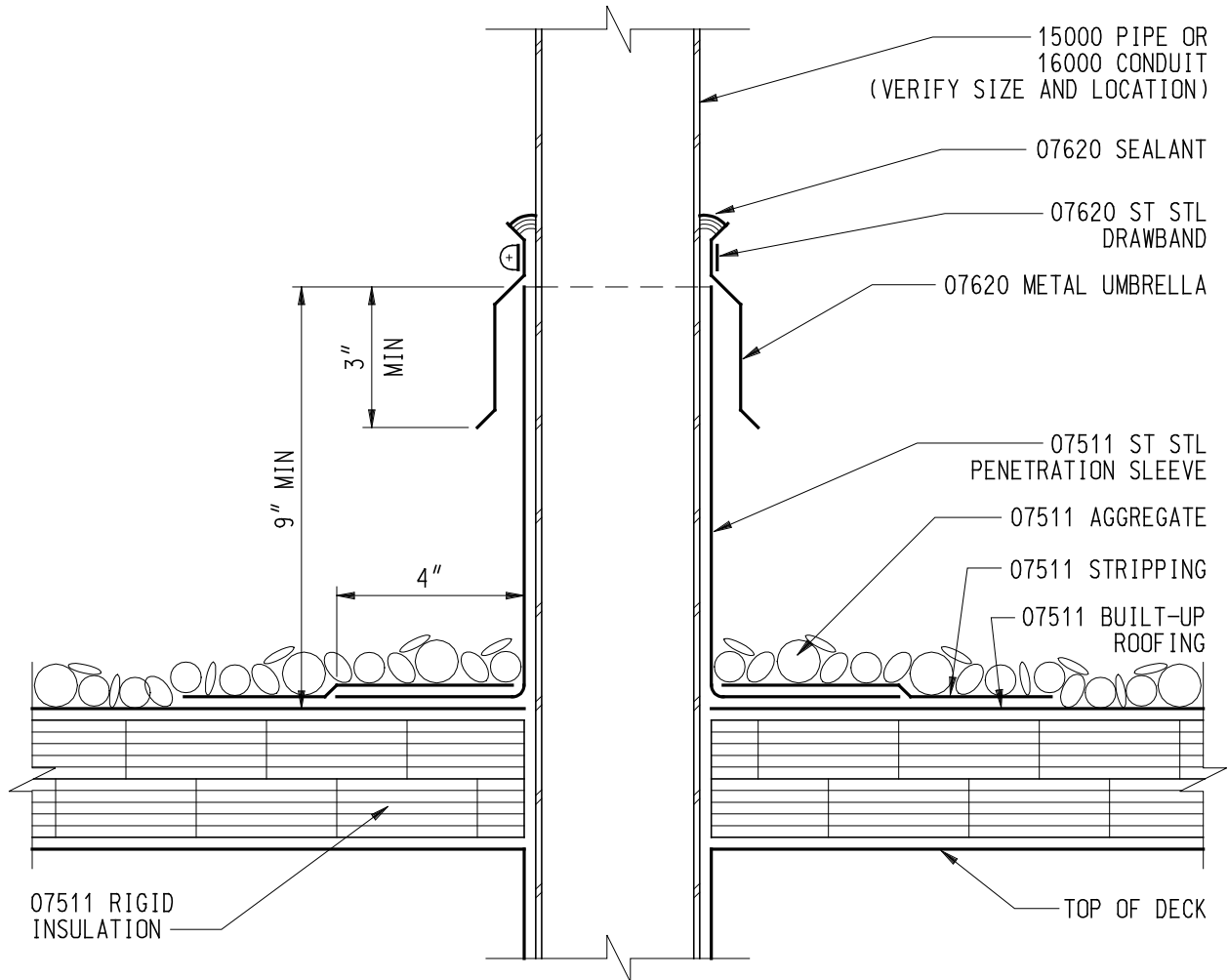


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Standard Detail

Notes / Instructions

USE WHEN A FIELD FABRICATED SEAL IS NECESSARY FOR
EXISTING MECHANICAL PIPES AND/OR ELECTRICAL CONDUITS
OR WHEN FLEXIBLE PIPE BOOT (DET 07-202) CAN NOT BE
FIT OVER PIPE OR CONDUIT
"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



TYPICAL VENT THRU ROOF

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07218

Date

3-4-02

Department

Architecture

Detail No.

07-218

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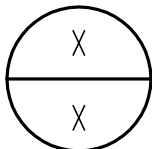
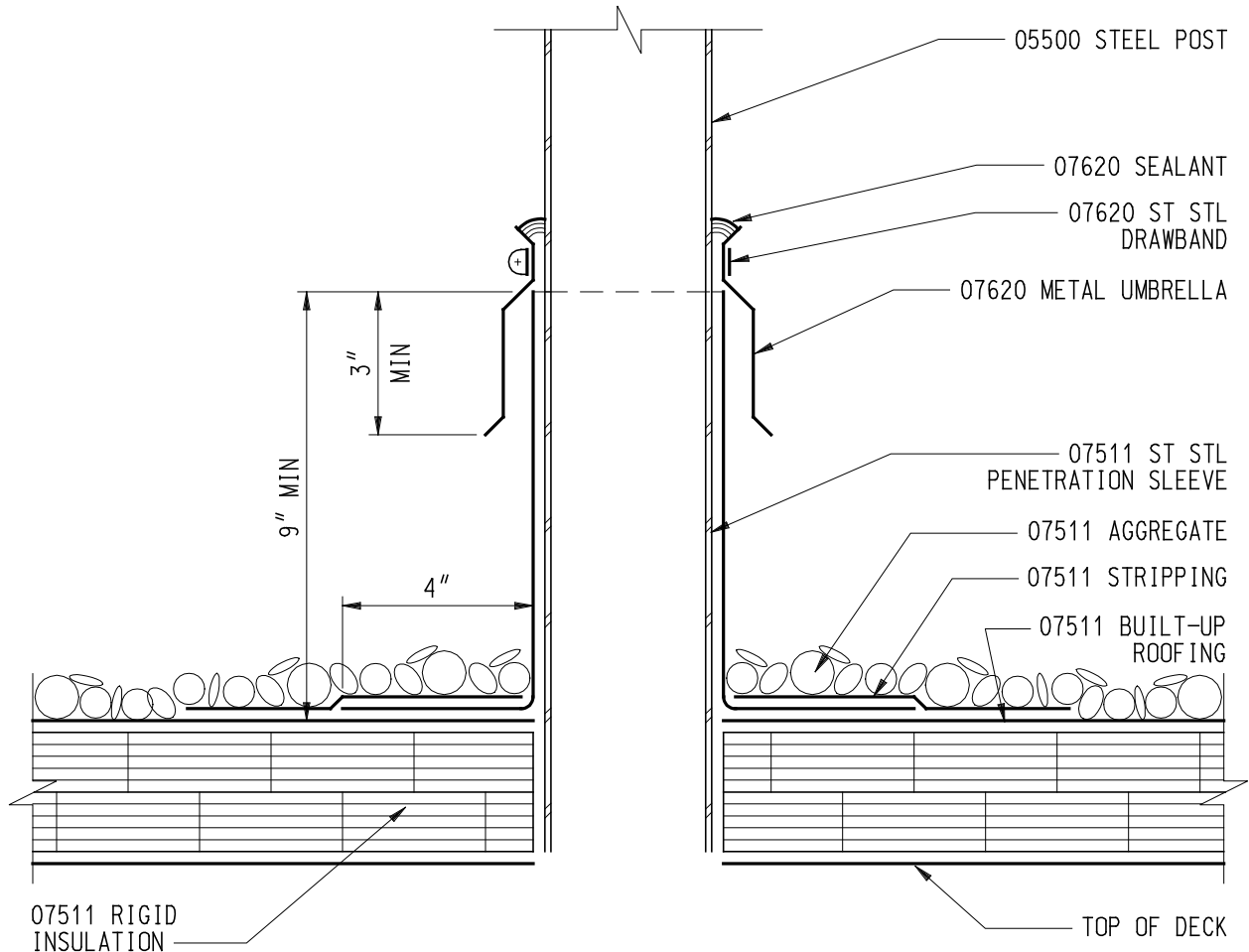


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Standard Detail

Notes / Instructions

USE FOR STEEL POST SUPPORTING STRUCTURAL FRAMING
AT MECHANICAL EQUIPMENT, ETC. DRAW AND NOMENCLATE
BASE PLATE AND CONNECTING ROOF STRUCTURE. COORDINATE
W/STRUCTURAL AND DEPARTMENT REQUIRING SAME
"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



POST

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Department

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Standard Detail

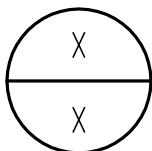
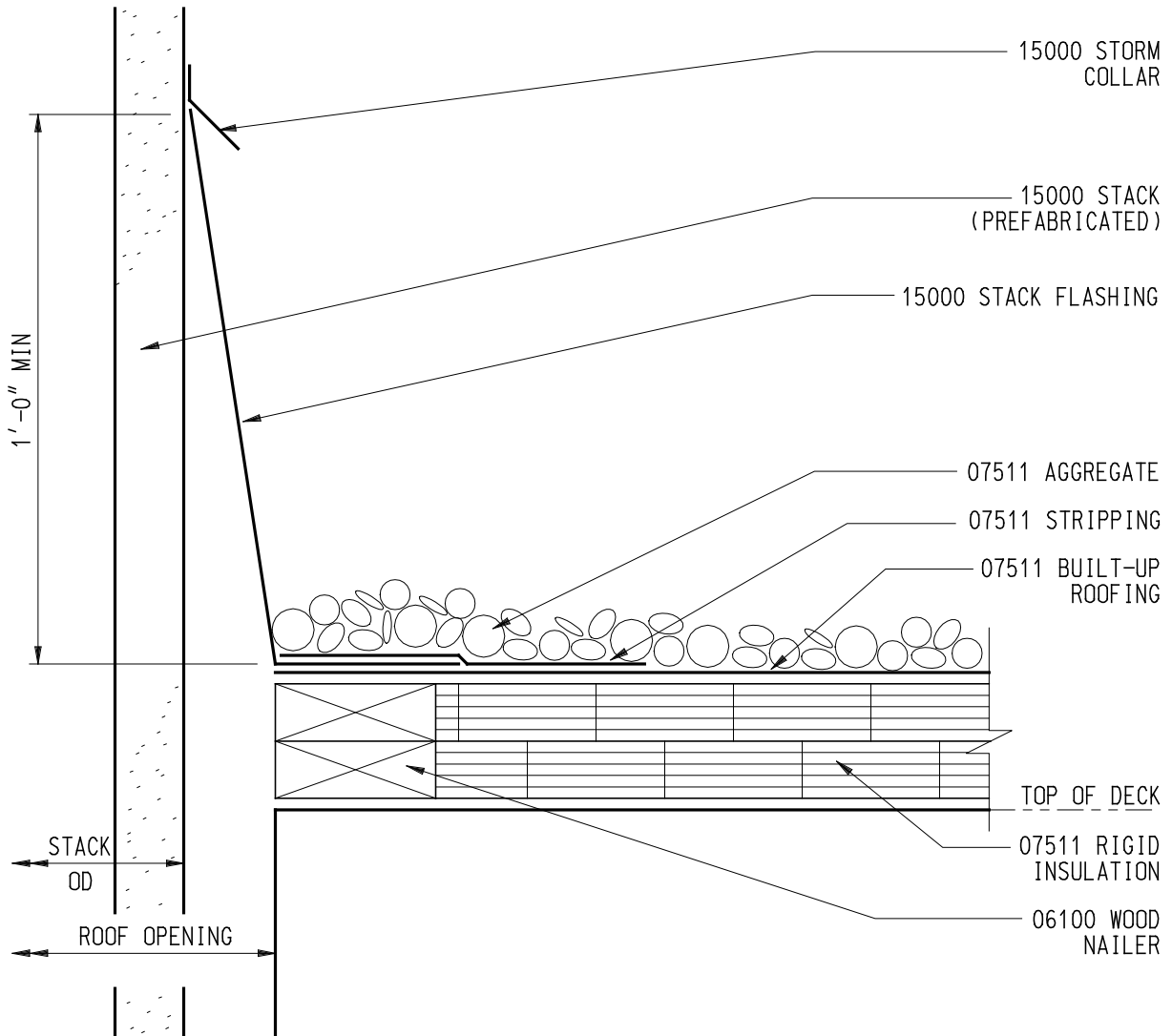
Notes / Instructions

USE FOR WATER HEATERS, BOILERS, ETC. ON NON-COMBUSTIBLE ROOFS - VERIFY W/MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION AND ADDITIONAL SUPPORT FRAMING W/MECHANICAL AND STRUCTURAL

"KOPPERS" BUILT-UP ASPHALT ROOFING OR COAL TAR ROOFING



PREFAB - NONVENTILATED

BUILT-UP ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07220

Date

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Department

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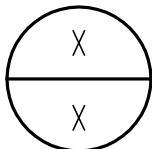
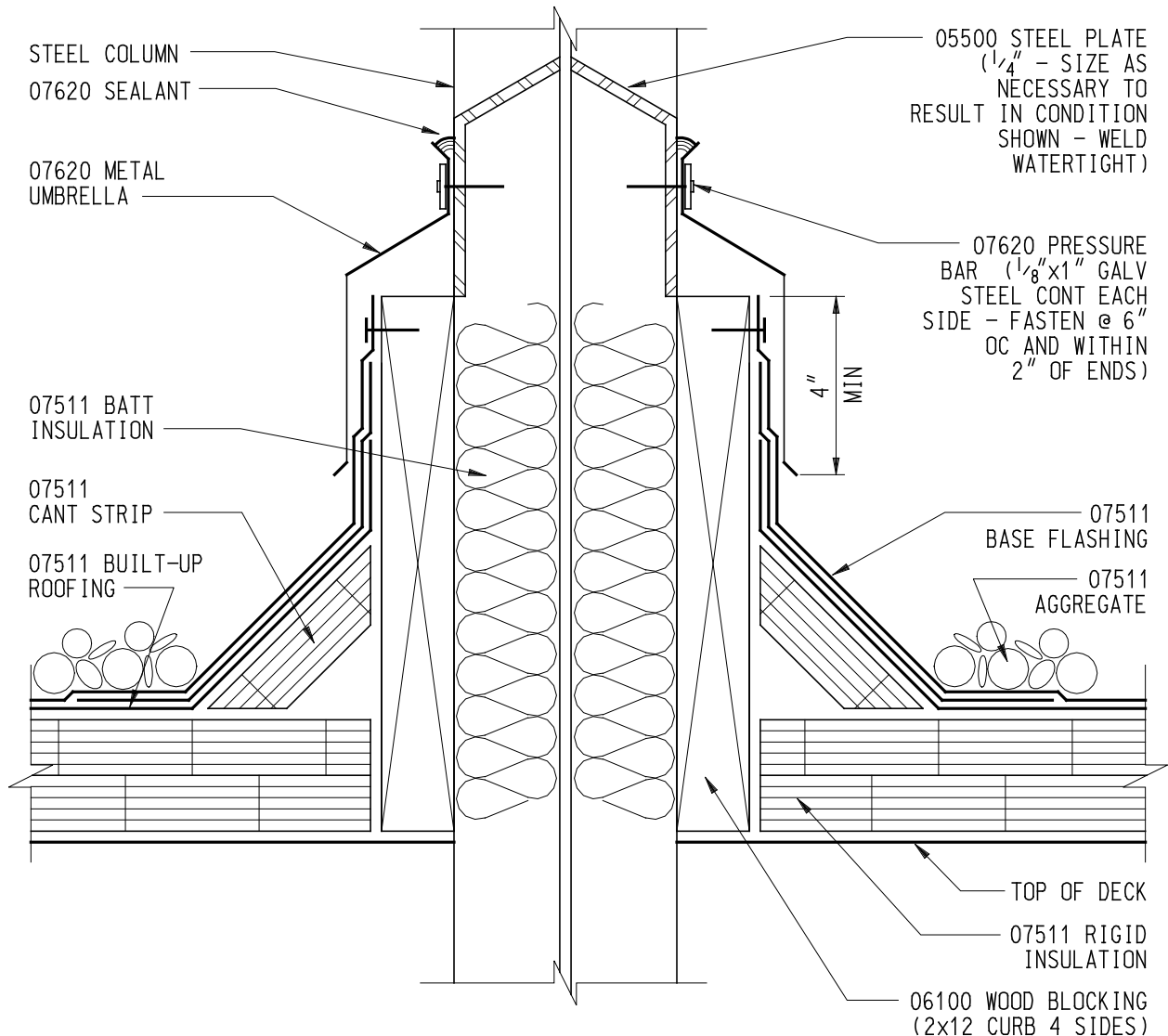


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Notes / Instructions

"KOPPERS" BUILT-UP ASPHALT ROOFING OR
COAL TAR ROOFING

Standard Detail



COLUMN FLASHING

BUILT-UP ROOFING

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$

\$ DATE AND TIME \$

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07222

Date

3-4-02

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Detail No.

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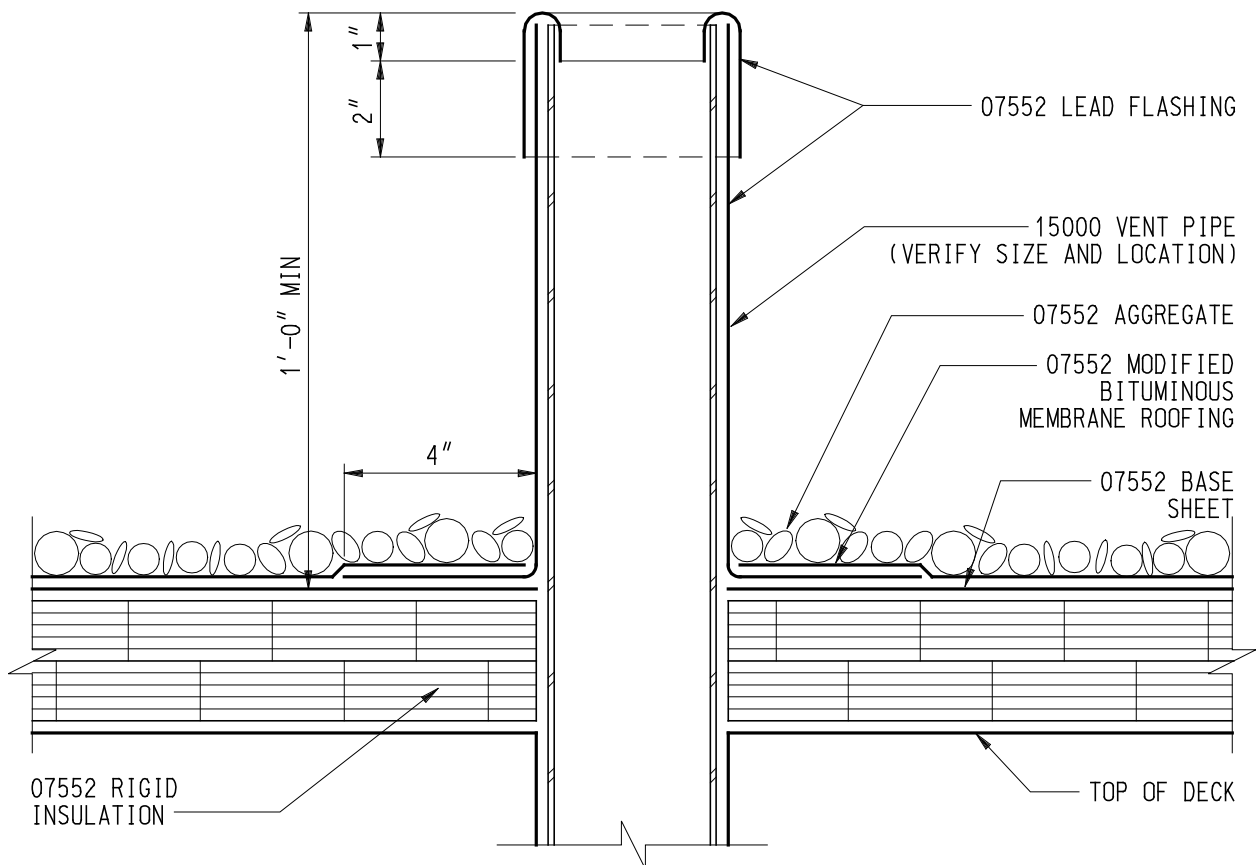


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Notes / Instructions

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE

Standard Detail



TYPICAL VENT THRU ROOF

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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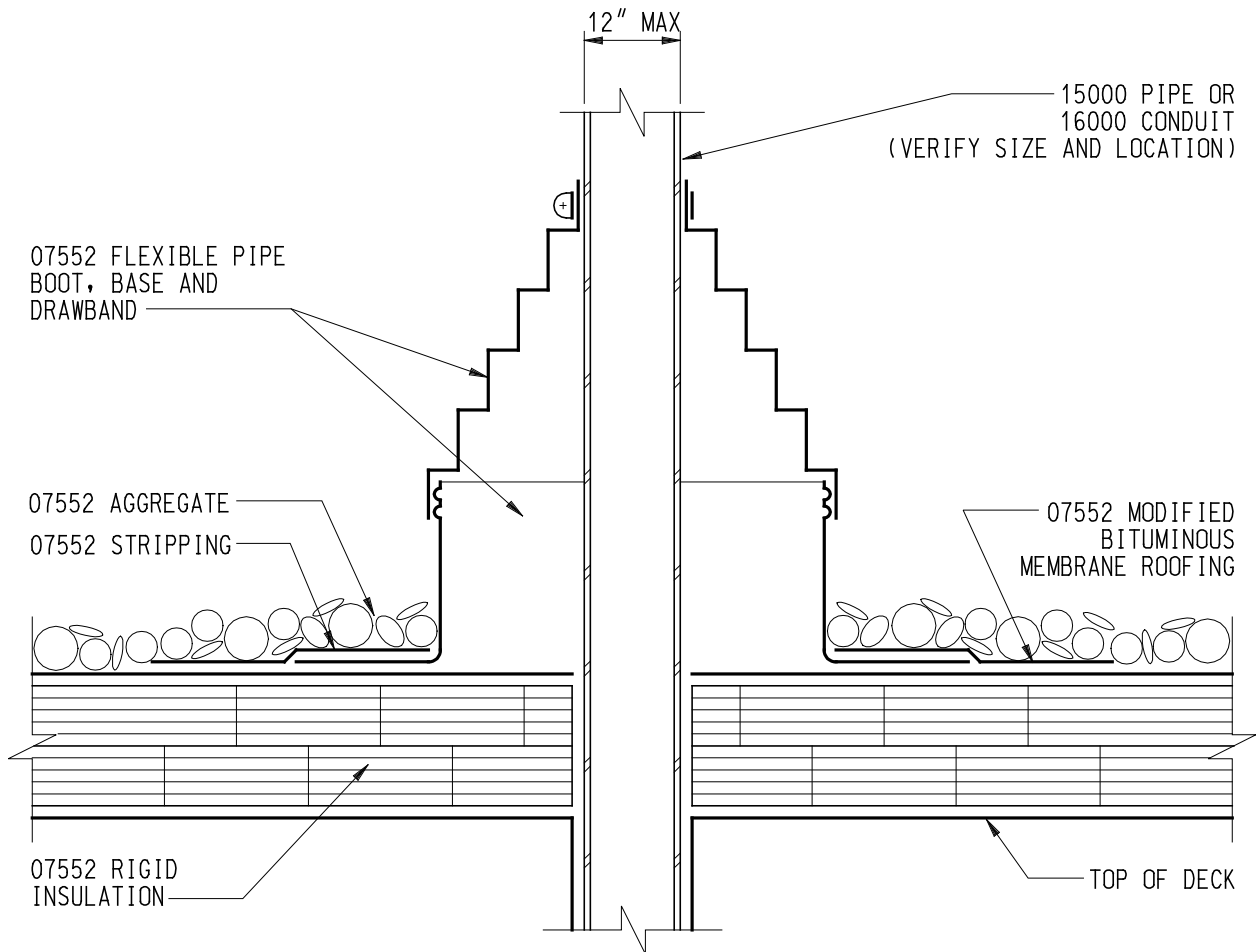


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Notes / Instructions

VERIFY THAT FLEXIBLE PIPE BOOT CAN BE INSTALLED
OVER PIPE OR CONDUIT, OTHERWISE USE DETAIL 07-318
"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE

Standard Detail



TYPICAL PIPE AND CONDUIT

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Detail No.

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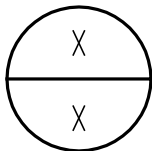
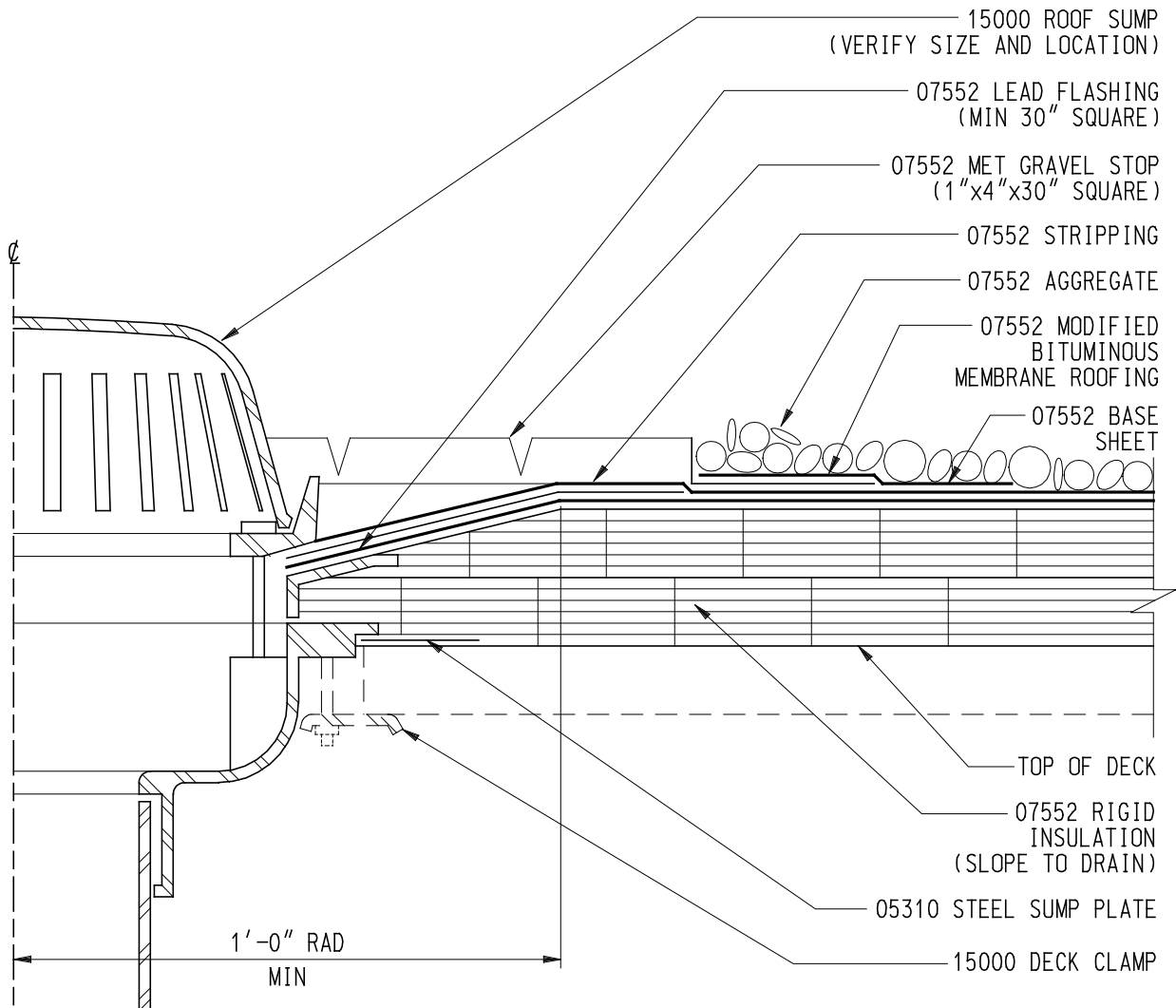
Standard Detail

Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE W/STRUCTURAL, AND MECHANICAL

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



ROOF SUMP

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Date

3-11-02

Department

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Detail No.

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Standard Detail

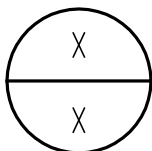
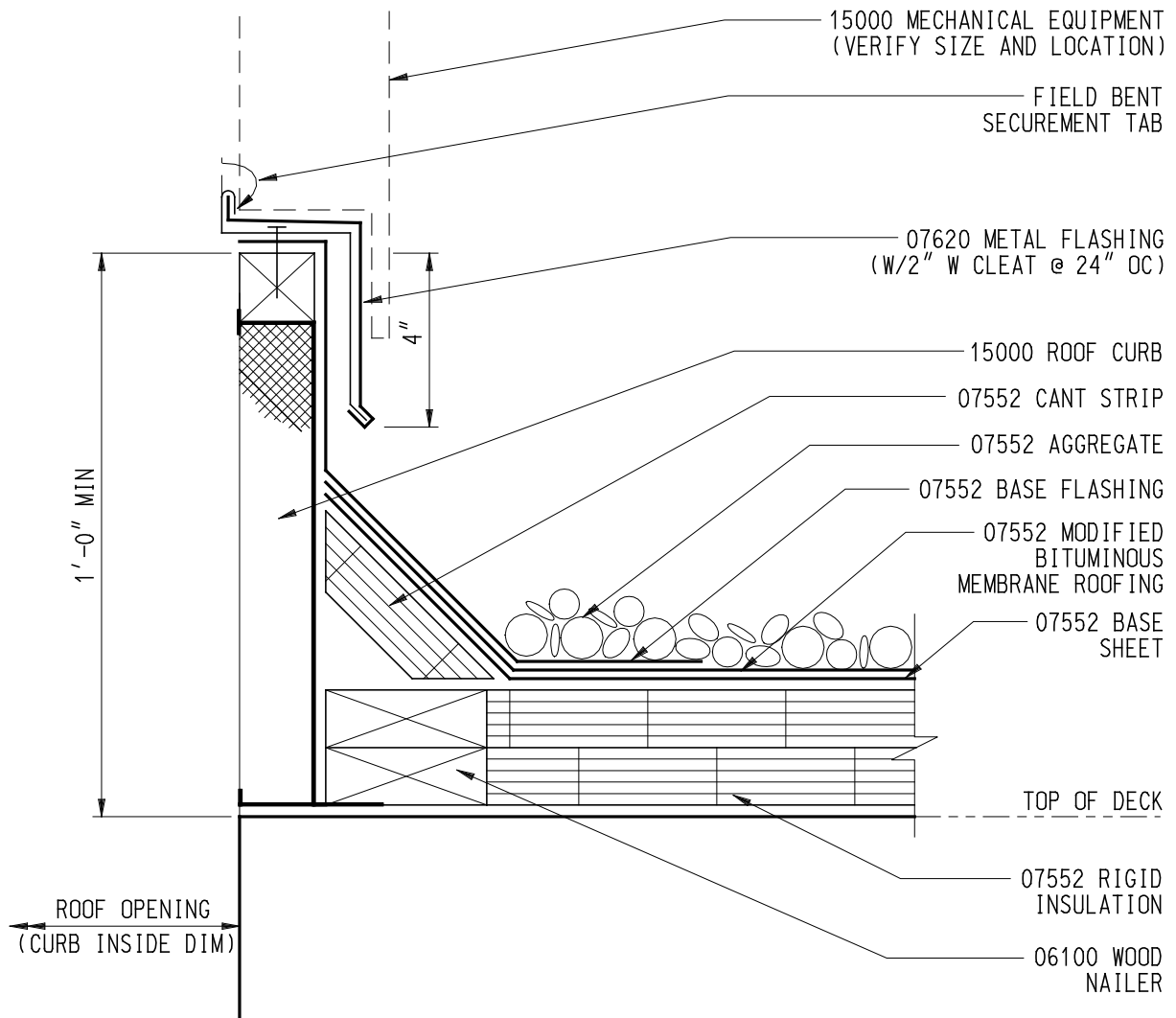
Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



ROOF CURB

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07304

Date

03-11-02

Department

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Detail No.

07-304

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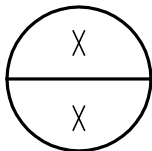
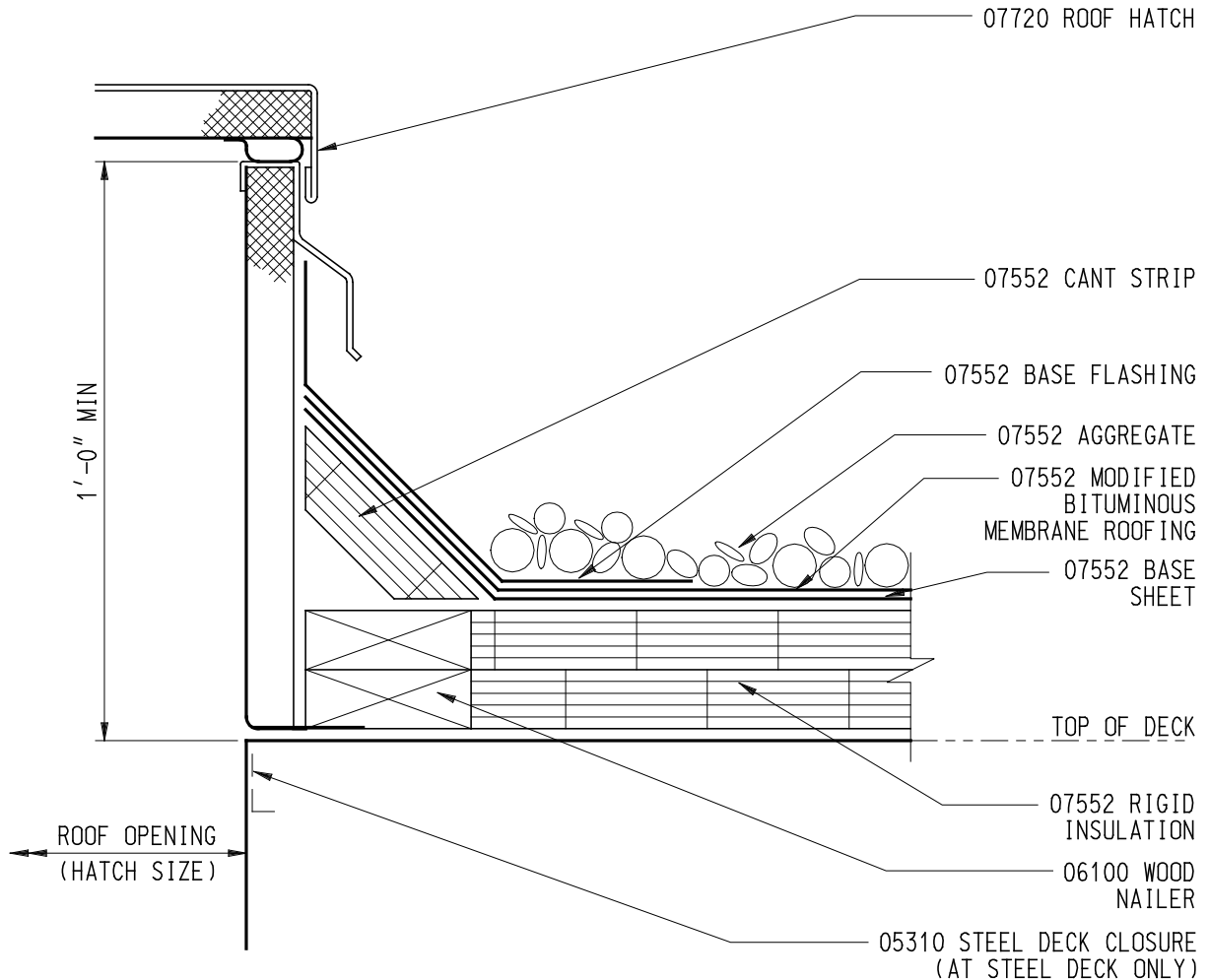
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Standard Detail

Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



ROOF HATCH

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Notes / Instructions

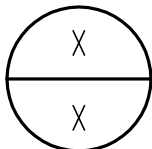
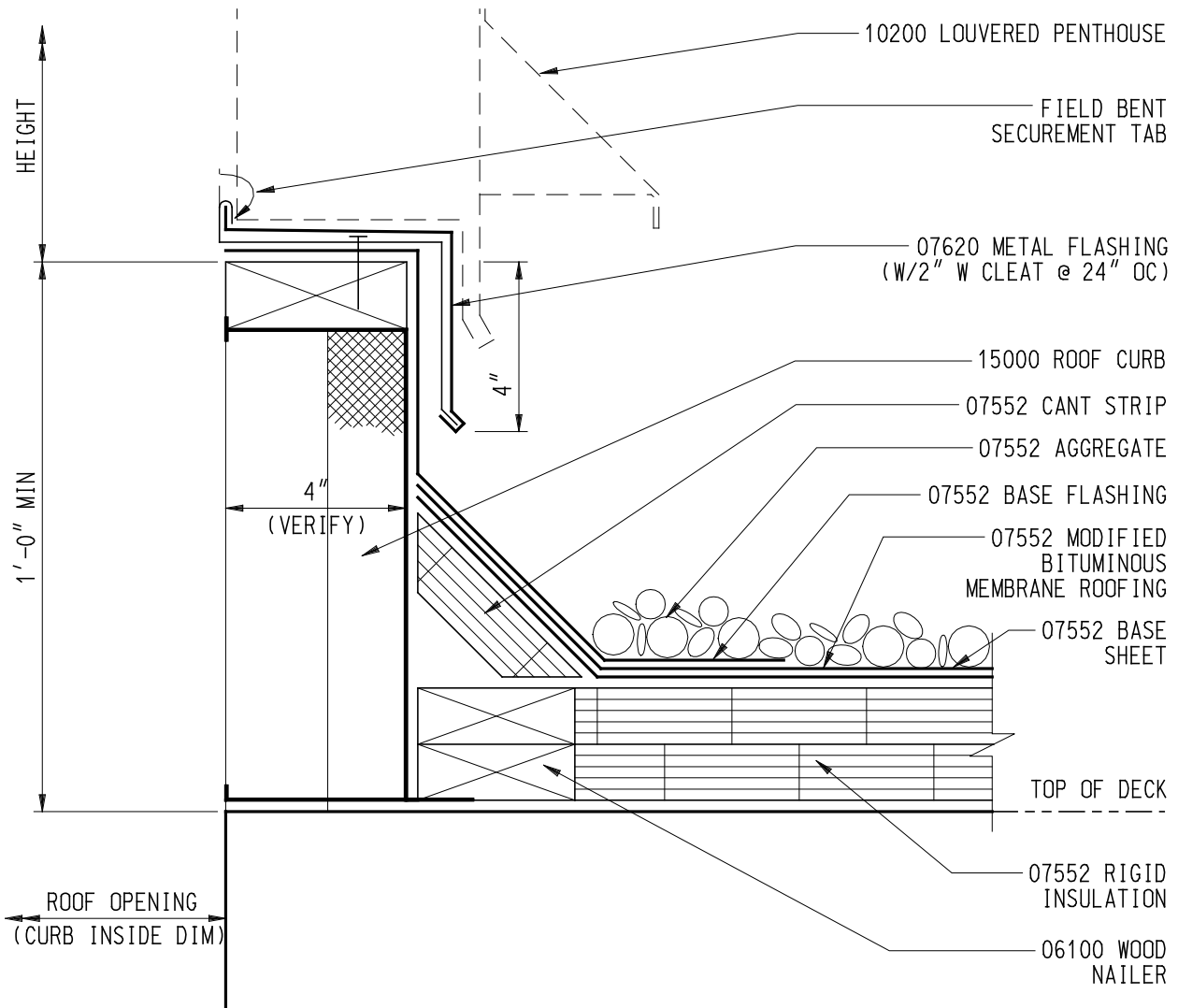
SHOW AND DIMENSION PENTHOUSE HEIGHT PLUS ROOF

OPENING ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



LOUVERED PENTHOUSE

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

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Notes / Instructions

USE FOR PRESSURE RELIEF VENTS, FLUES, OR FUME HOOD

EXHAUST, ETC., SMALL DIAMETER VERIFY W/MECHANICAL

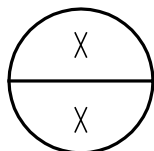
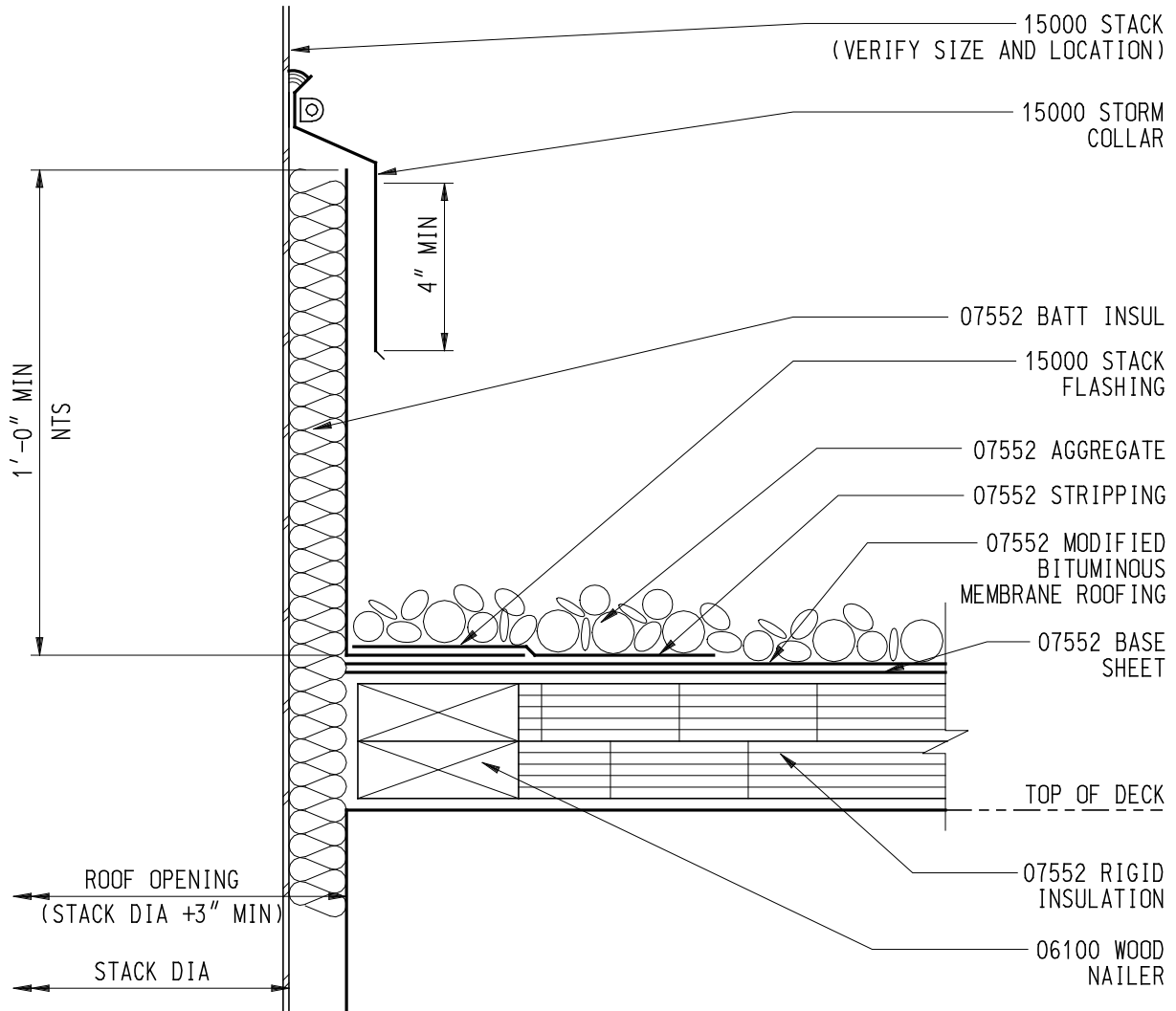
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING

W/AGGREGATE



STACK

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Notes / Instructions

USE FOR BOILER OR GENERATOR STACKS, ETC.

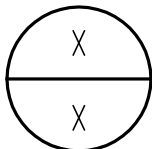
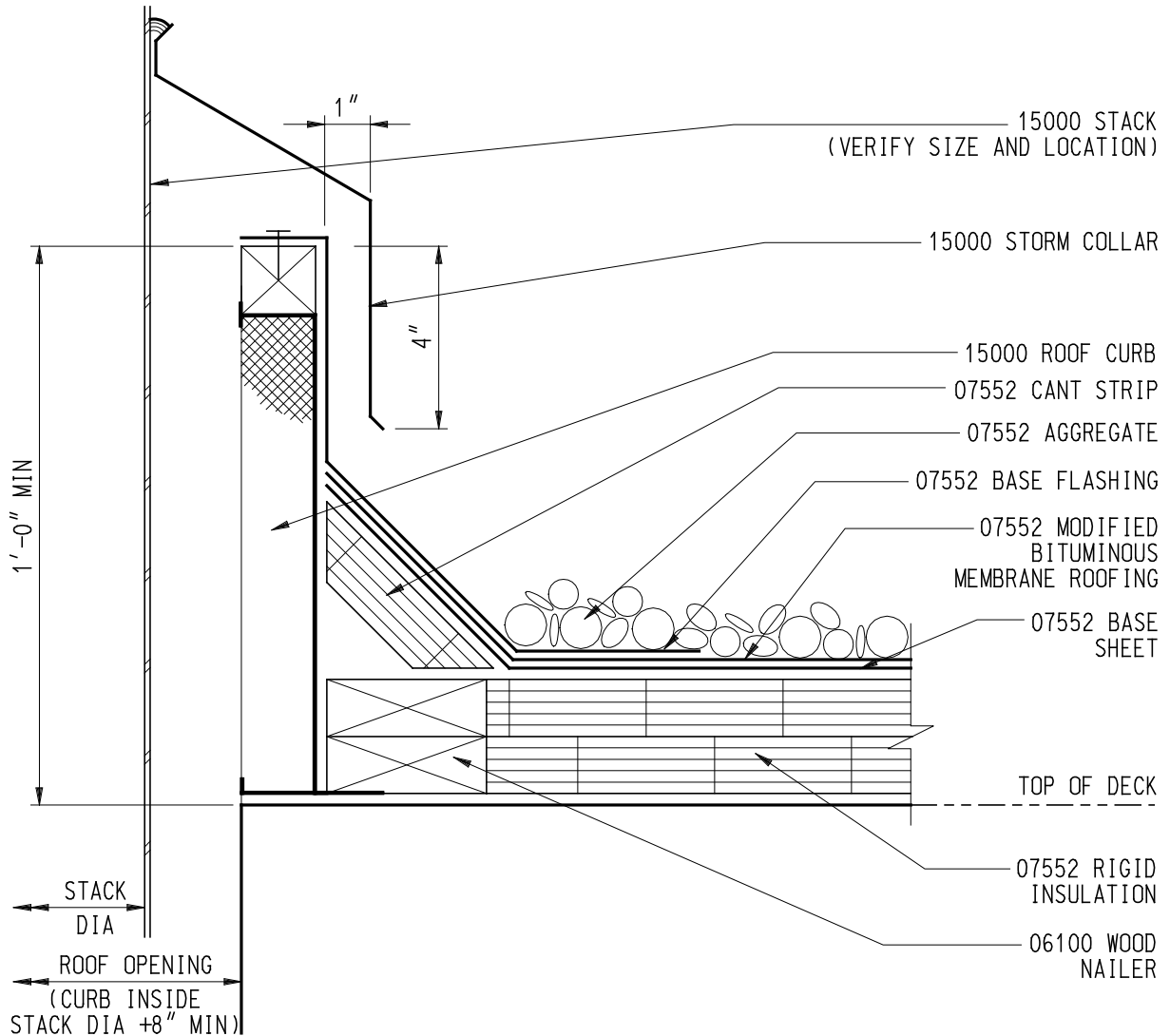
VERIFY W/MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



HIGH TEMPERATURE STACK

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07308

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Notes / Instructions

USE FOR BOILER STACKS, ETC. VERIFY W/MECHANICAL

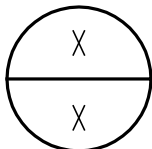
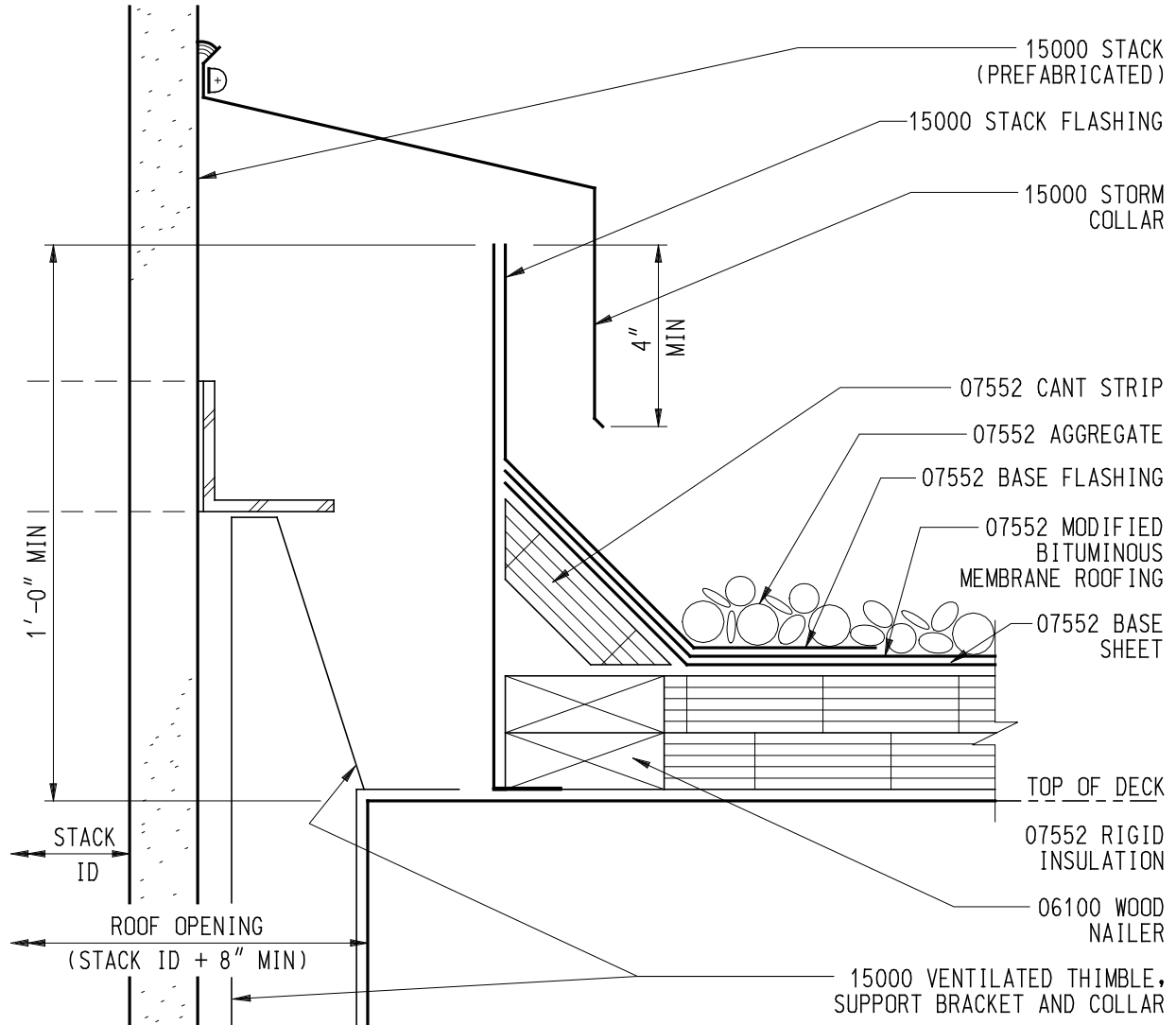
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING

W/AGGREGATE



PREFABRICATED STACK

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07309

Date

3-11-02

Department

Architecture

Detail No.

07-309

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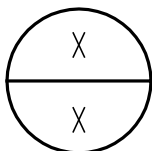
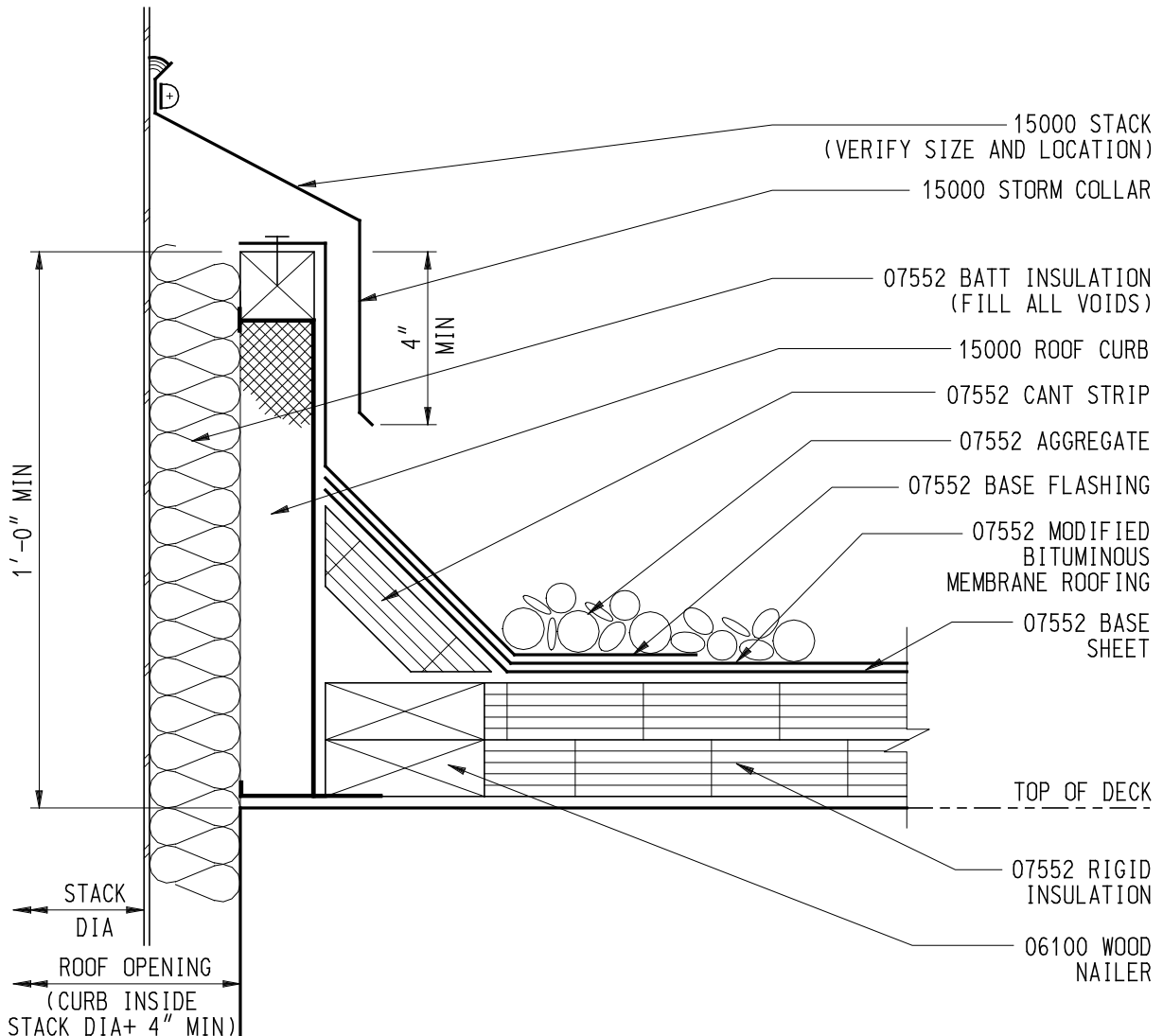


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Standard Detail

Notes / Instructions

USE FOR FUME HOOD EXHAUST, ETC., LARGE DIAMETER
VERIFY W/MECHANICAL
SHOW ON ROOF PLAN
COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



STACK

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07310

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Notes / Instructions

USE TO SATISFY 2000 MICH BLDG CODE OR

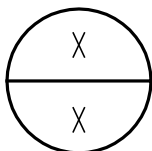
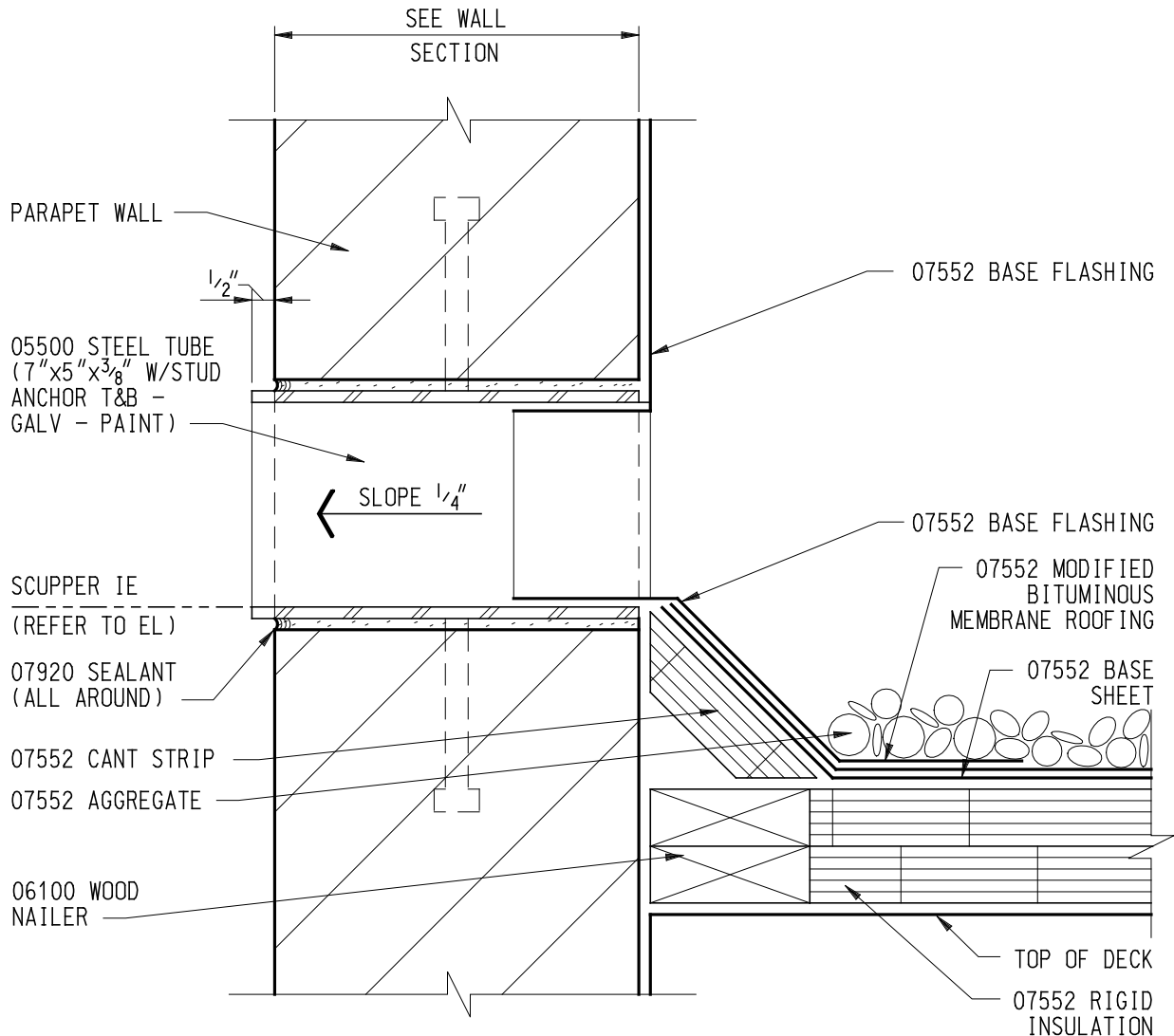
2000 IBC SECTION 1611.3

7"x5" STEEL TUBE SIZED FOR MODULAR BRICK, CHANGE TO

8"x4" FOR UTILITY BRICK

NOTE SCUPPER INVERT ELEV (I.E.) ON EXTERIOR ELEVATIONS

"JOHNS MANVILLE" MECHANICALLY FASTENED



OVERFLOW SCUPPER

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07311

Date

3-11-02

Department

Architecture

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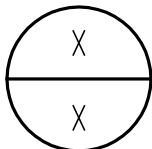
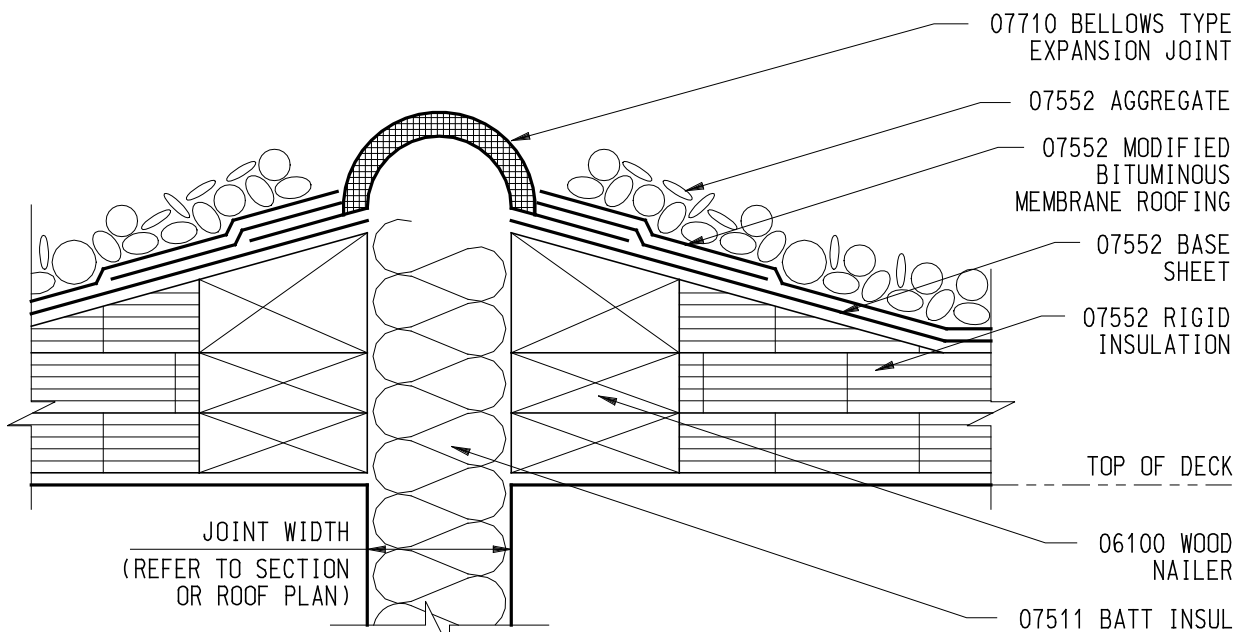
Standard Detail

Notes / Instructions

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN (4" MAX)

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



EXPANSION JOINT

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07312

Date

3-11-02

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07-312

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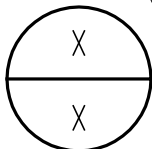
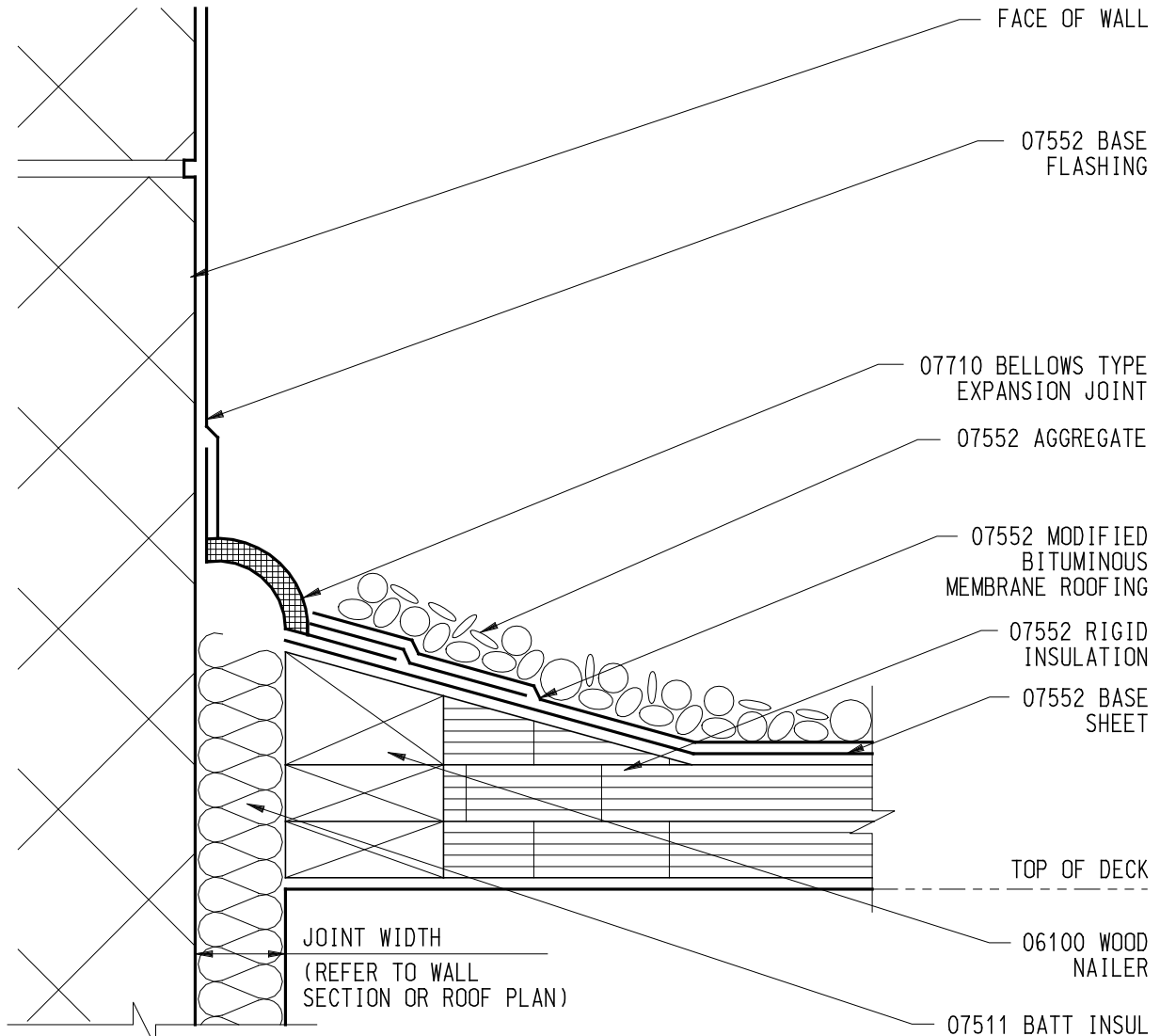
Notes / Instructions

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON WALL SECTION OR ROOF PLAN (4" MAX)

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE

Standard Detail



EXPANSION JOINT AT WALL

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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Date

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Standard Detail

Notes / Instructions

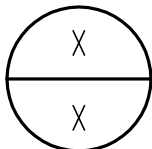
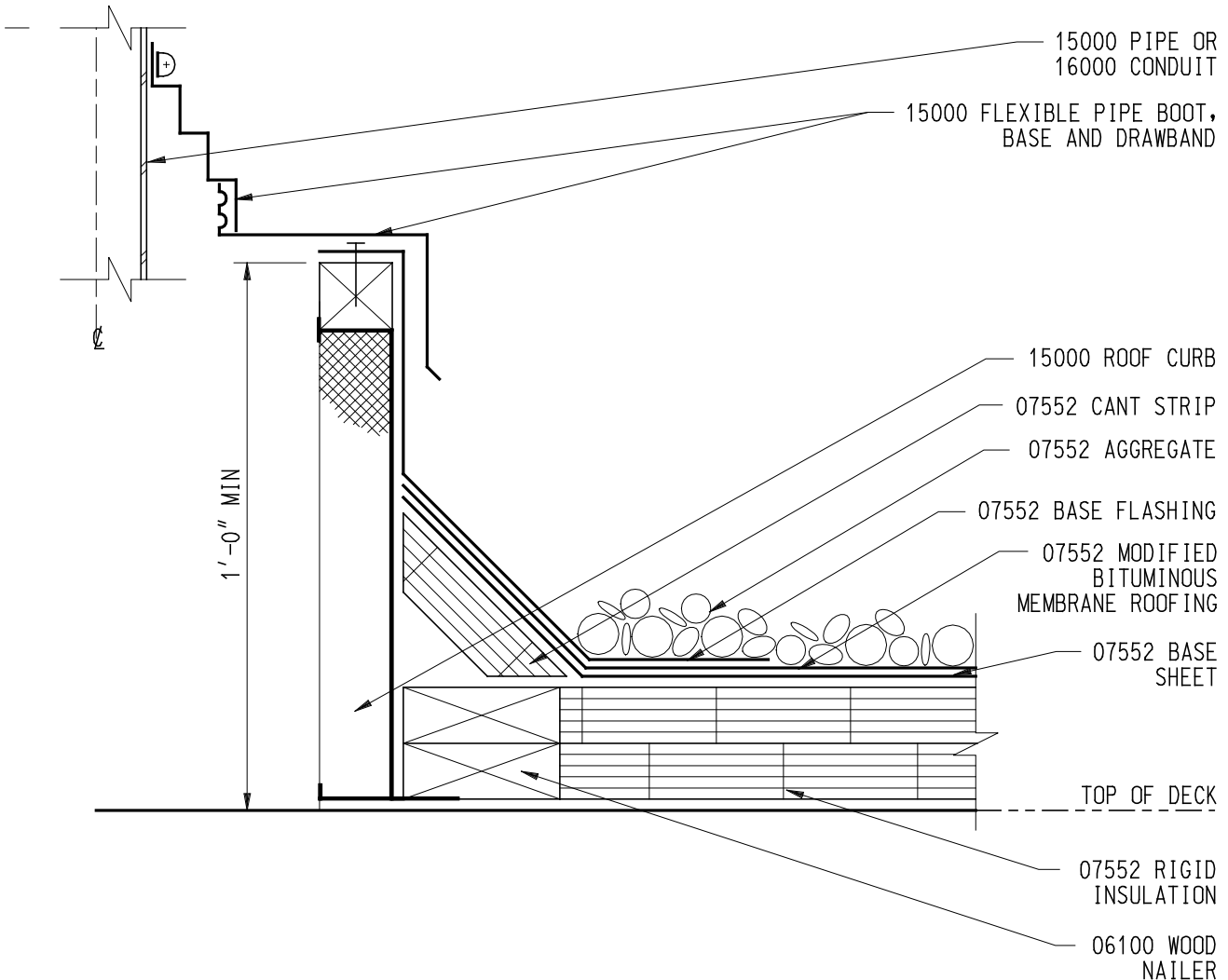
USE FOR MULTIPLE PIPE OR CONDUIT PENETRATIONS

SHOW ON ROOF PLAN

COORDINATE LOCATION W/MECHANICAL AND ELECTRICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
(IF ANY)

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



ROOF CURB W/ PIPE BOOT

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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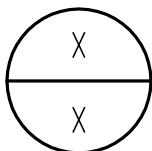
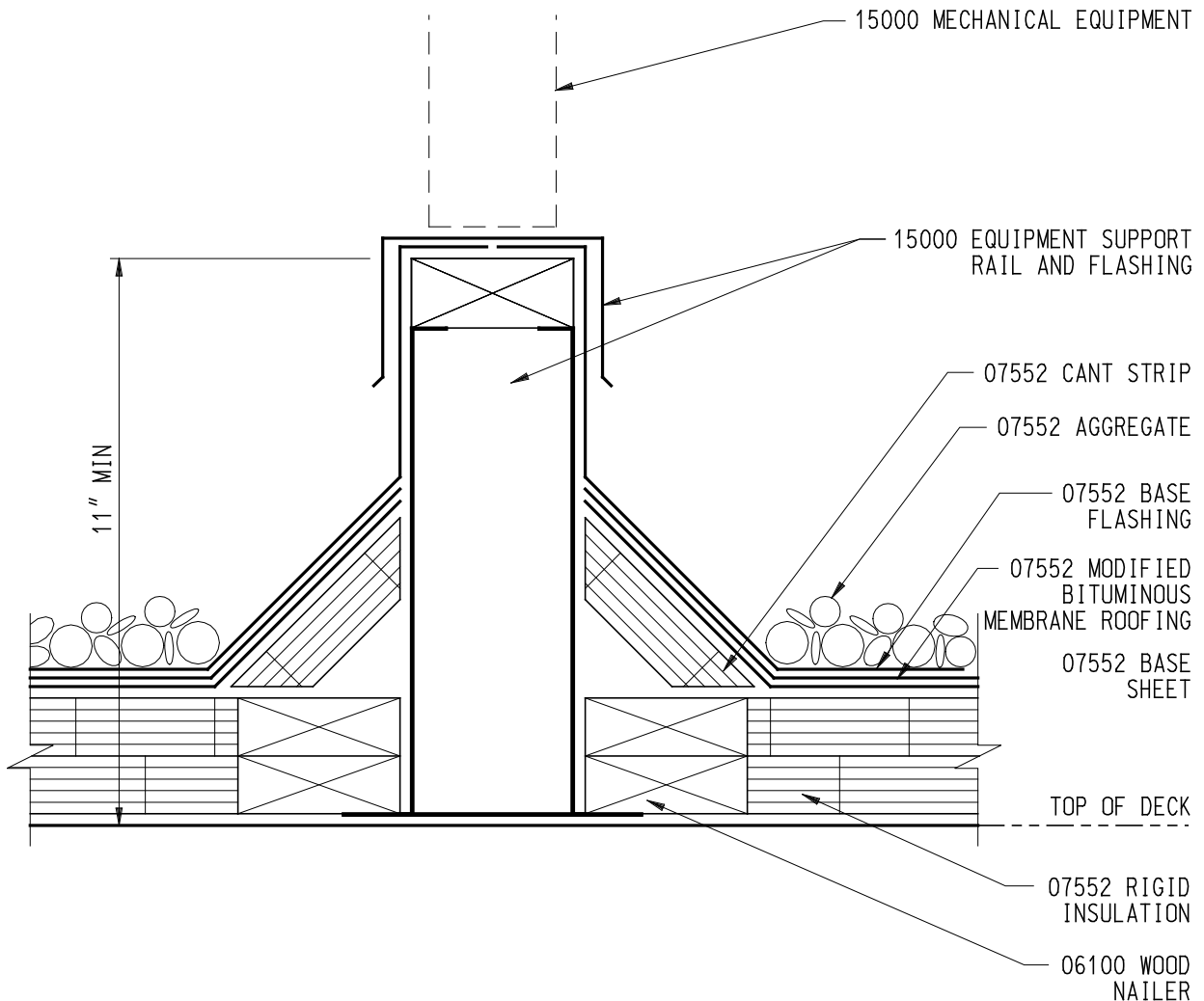
Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



EQUIPMENT SUPPORT RAIL

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07315

Date

3-11-02

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Standard Detail

Notes / Instructions

USE FOR MECHANICAL SHEET METAL DUCTS

VERIFY W/MECHANICAL

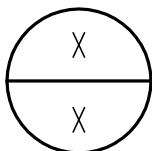
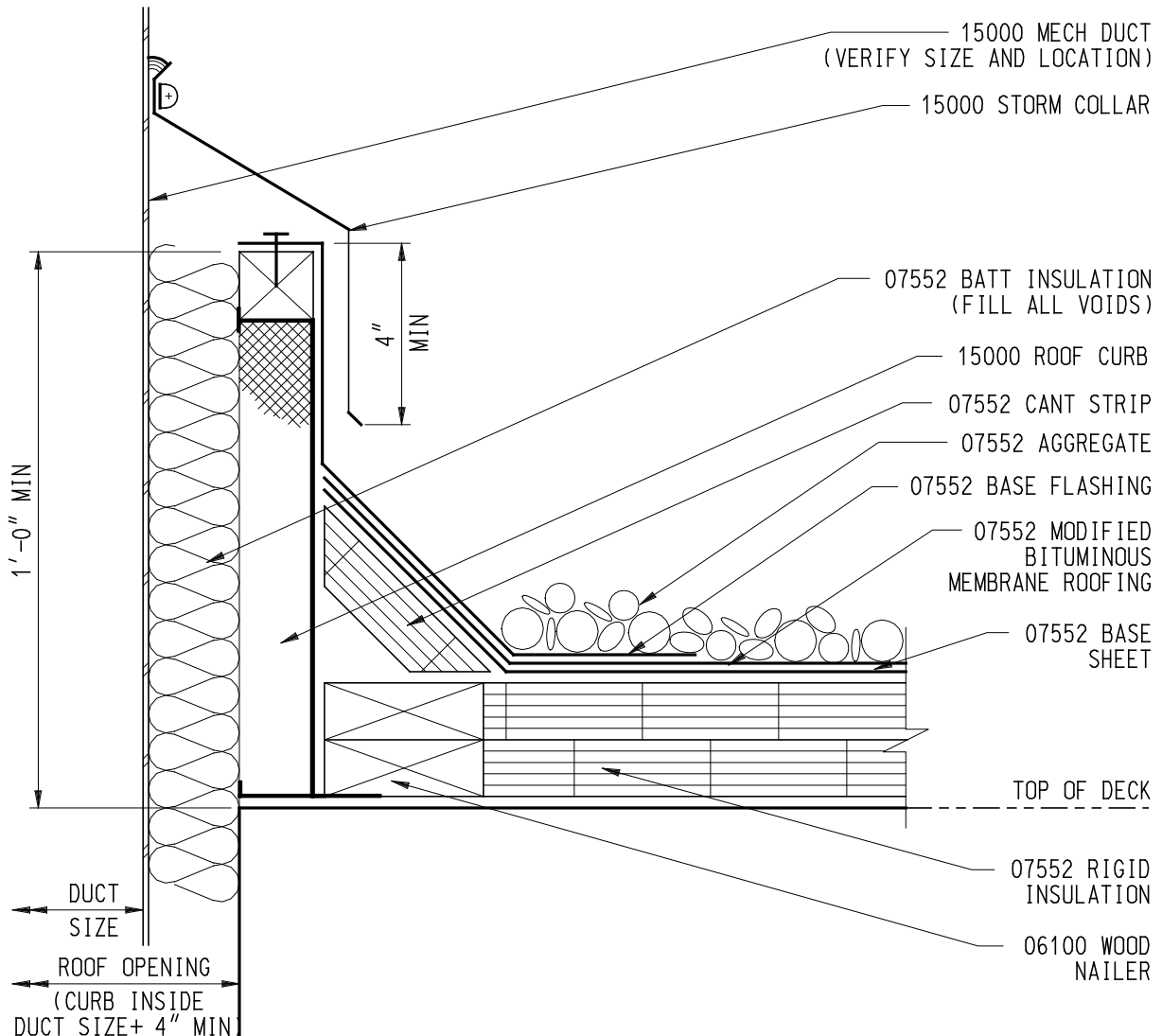
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING

W/AGGREGATE



MECHANICAL DUCT

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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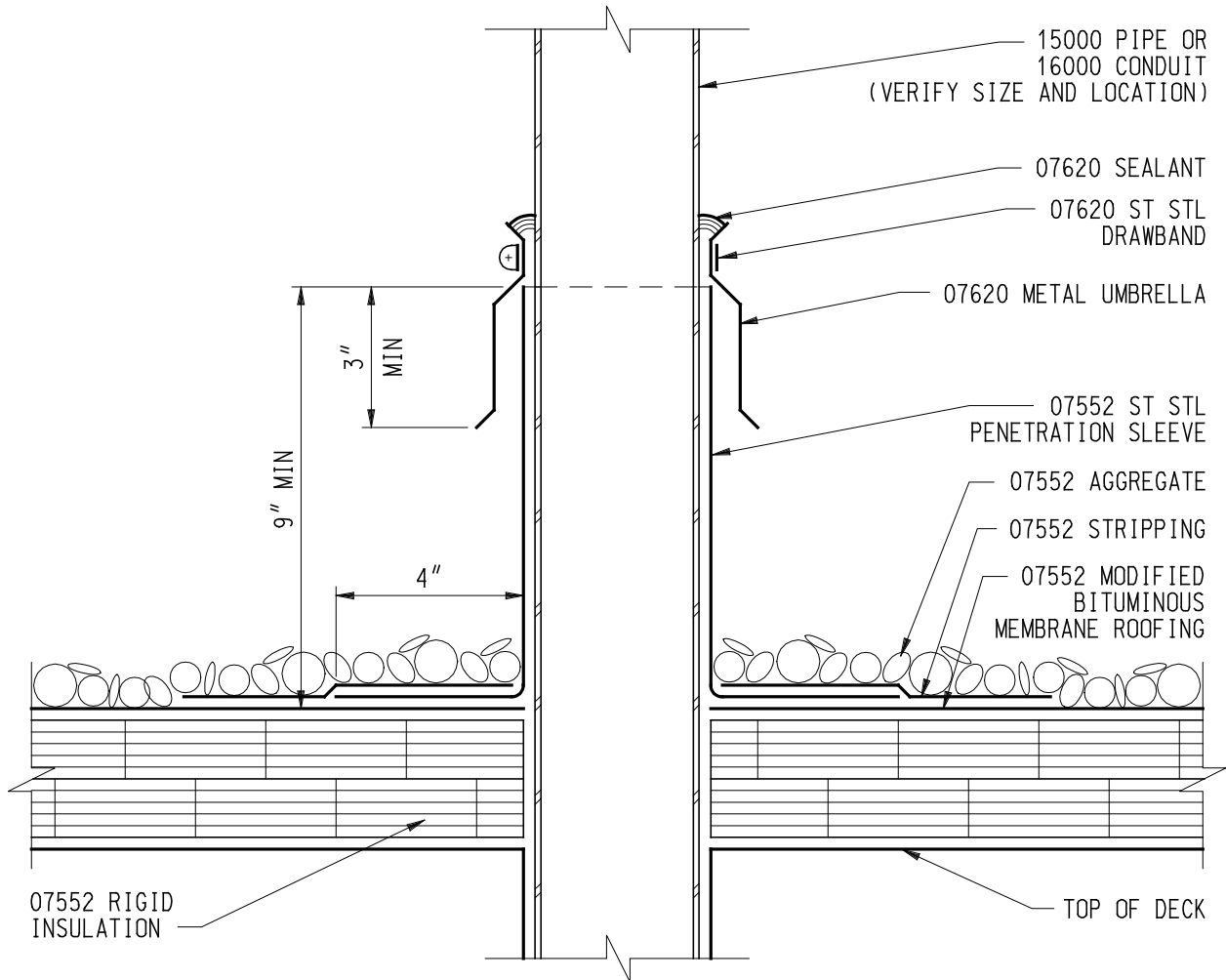


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Standard Detail

Notes / Instructions

USE WHEN A FIELD FABRICATED SEAL IS NECESSARY FOR
EXISTING MECHANICAL PIPES AND/OR ELECTRICAL CONDUITS
OR WHEN FLEXIBLE PIPE BOOT (DET 07-302) CAN NOT BE
FIT OVER PIPE OR CONDUIT
"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



TYPICAL PIPE AND CONDUIT

MODIFIED BITUMINOUS MEMBRANE ROOFING

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07318

Date

3-11-02

Department

Architecture

Detail No.

07-318

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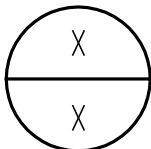
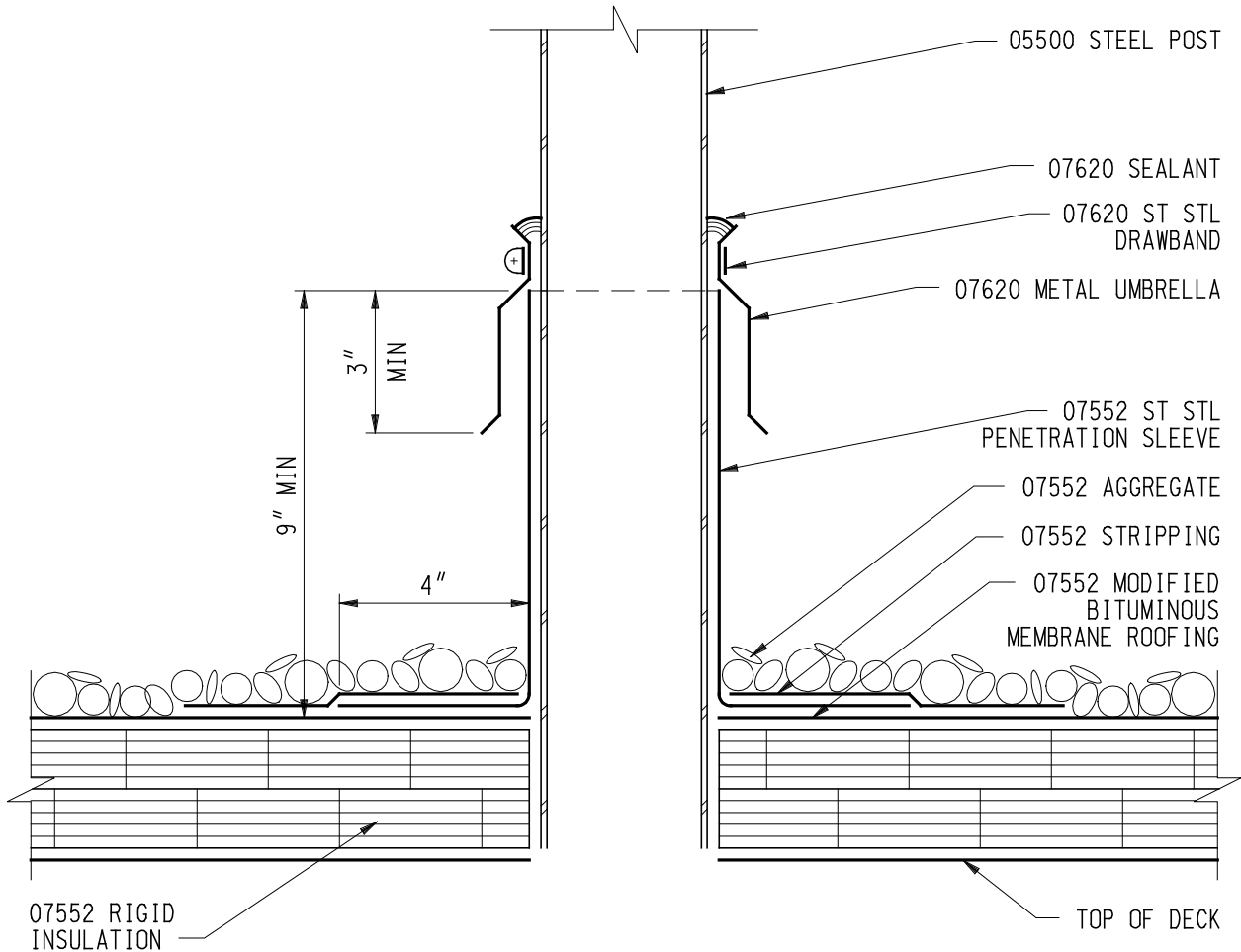


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

USE FOR STEEL POST SUPPORTING STRUCTURAL FRAMING
AT MECHANICAL EQUIPMENT, ETC. DRAW AND NOMENCLATE
BASE PLATE AND CONNECTING ROOF STRUCTURE. COORDINATE
W/STRUCTURAL AND DEPARTMENT REQUIRING SAME
"JOHNS MANVILLE" MODIFIED BITUMINOUS MEMBRANE ROOFING
W/AGGREGATE



POST

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07319

Date

3-11-02

Department

Architecture

Detail No.

07-319

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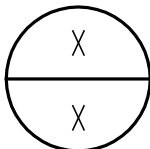
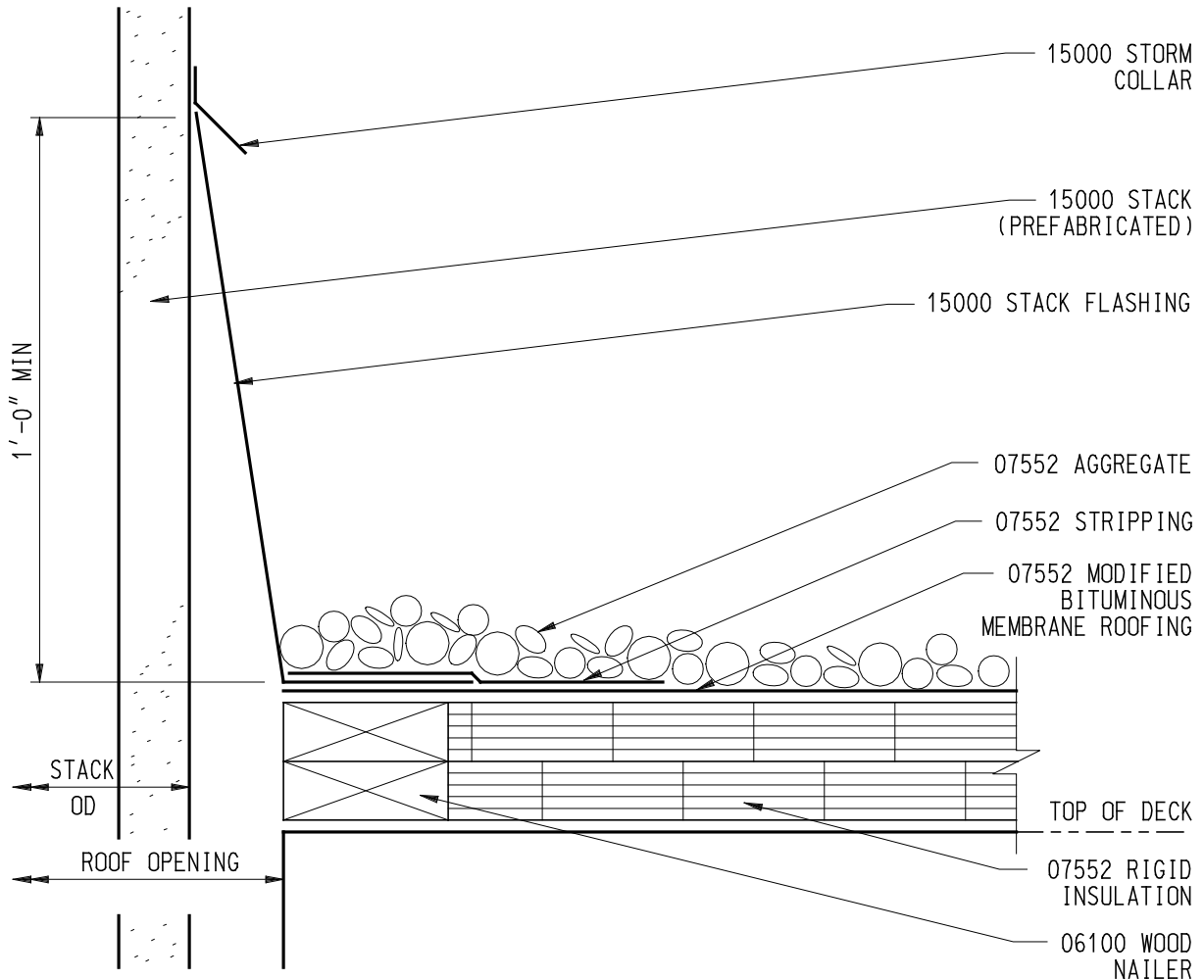


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

USE FOR WATER HEATERS, BOILERS, ETC. ON NON-COMBUSTIBLE
ROOFS - VERIFY W/MECHANICAL
SHOW ON ROOF PLAN
COORDINATE OPENING SIZE AND LOCATION AND ADDITIONAL
SUPPORT FRAMING W/MECHANICAL AND STRUCTURAL
"JOHNS MANVILLE" MODIFIED BITUMINOUS ROOFING
W/AGGREGATE



PREFAB STACK - NONVENTILATED

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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Cell Name

07320

Date

3-11-02

Department

Architecture

Detail No.

07-320

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Standard Detail

Notes / Instructions

USE FOR PARAPETS ON ONE STORY BUILDINGS

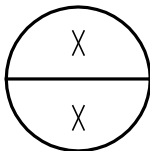
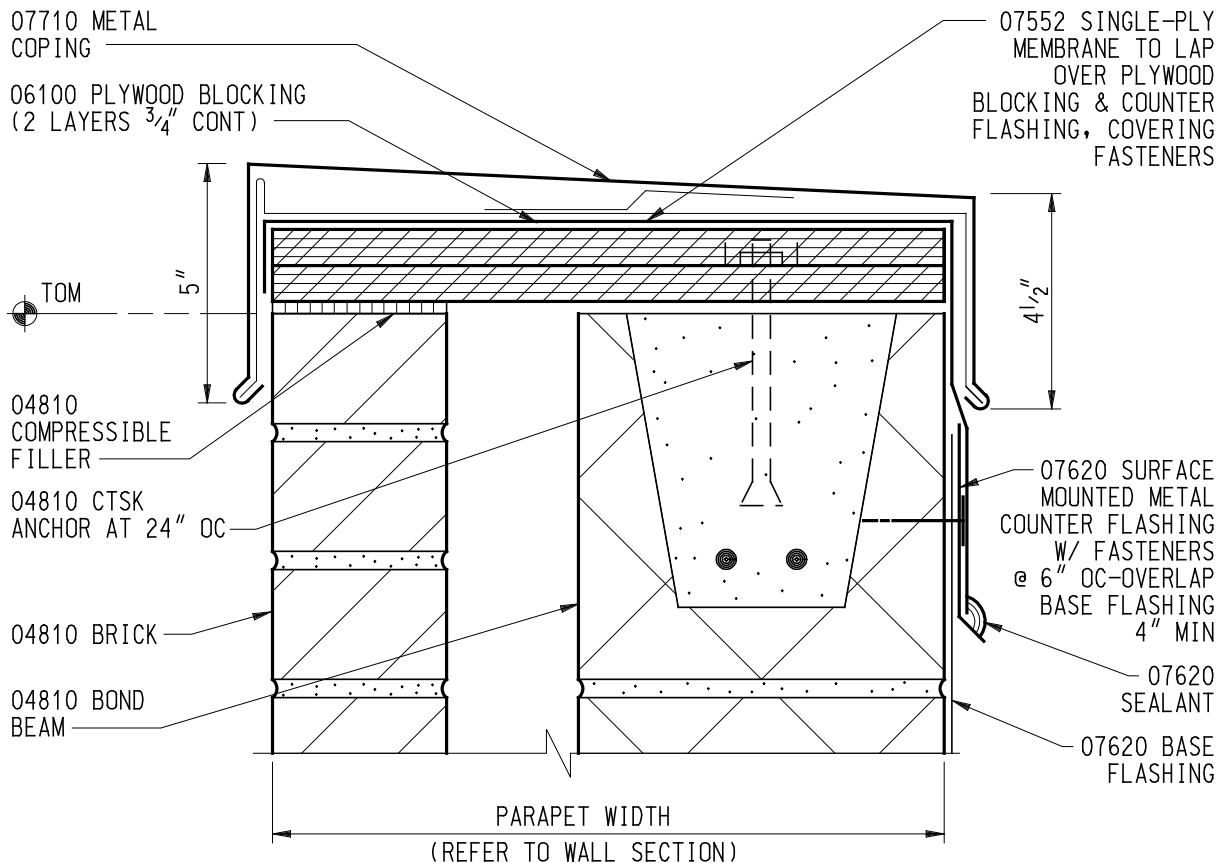
VERIFY PARAPET CONSTRUCTION

VERIFY DIMENSIONS FOR COPING HEIGHT W/DESIGN

NOTE PARAPET WIDTH AND BOND BEAM REINFORCING ON

WALL SECTION

BASE FLASHING HEIGHT = 8" MIN TO 24" MAX



METAL COPING

MODIFIED BITUMINOUS MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07322

Date

3-11-02

Department

Architecture

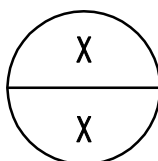
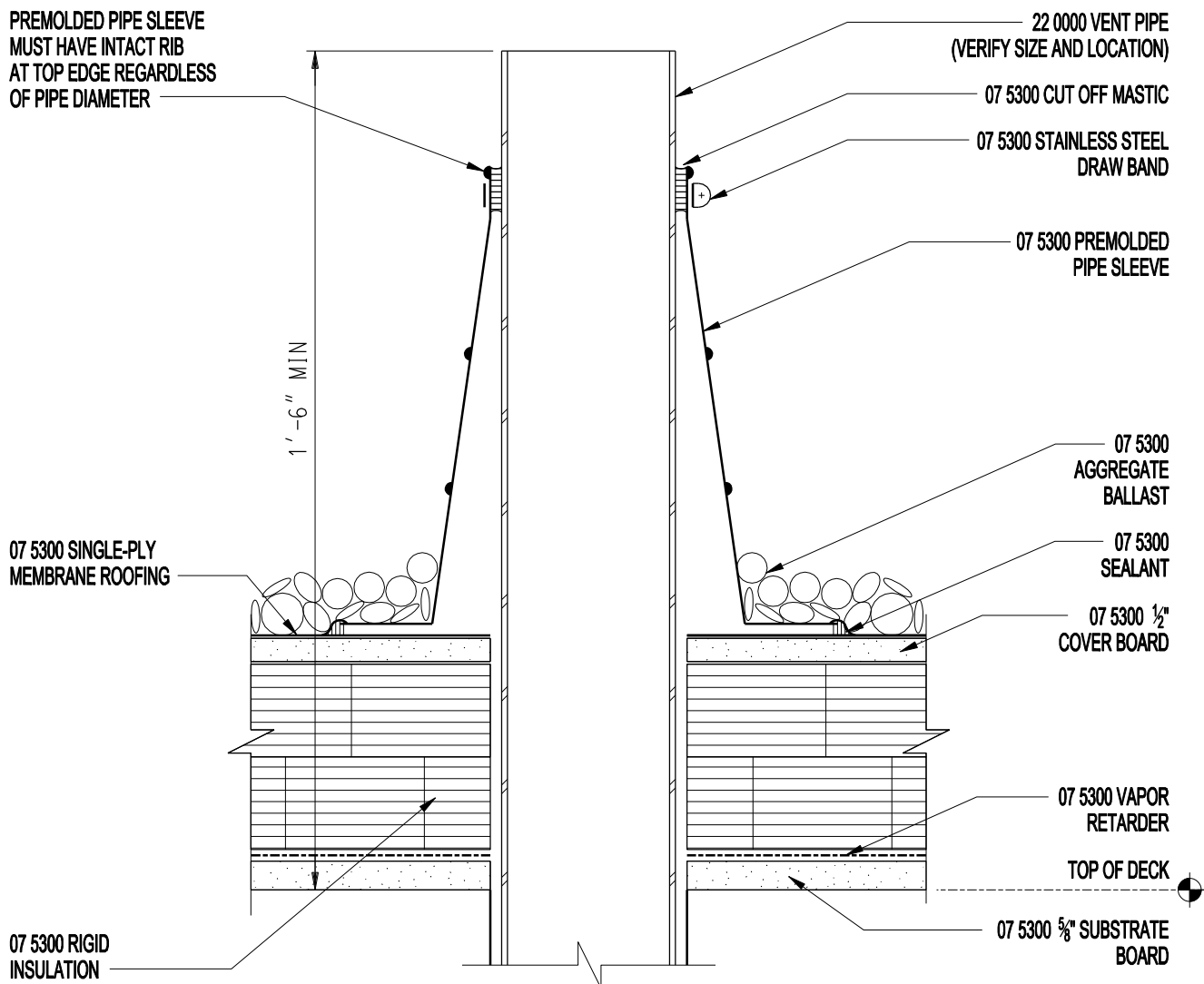
Detail No.

07-322

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"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



TYPICAL VENT THRU ROOF

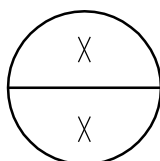
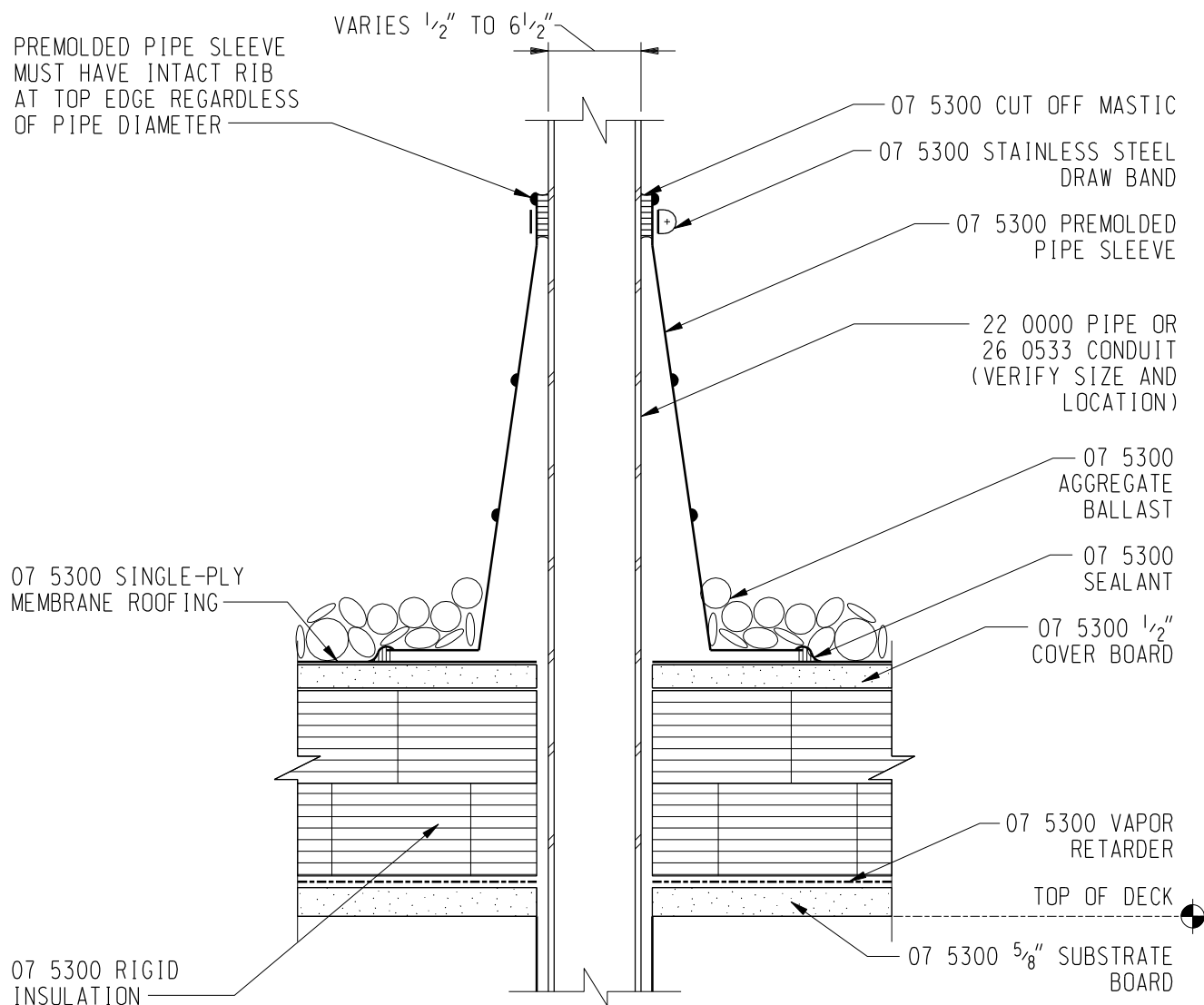
SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

VERIFY THAT PREMOLDED PIPE SLEEVE CAN BE INSTALLED
OVER PIPE OR CONDUIT. OTHERWISE USE DETAIL 07-668

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



TYPICAL PIPE AND CONDUIT

SINGLE PLY MEMBRANE ROOFING

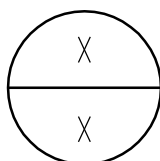
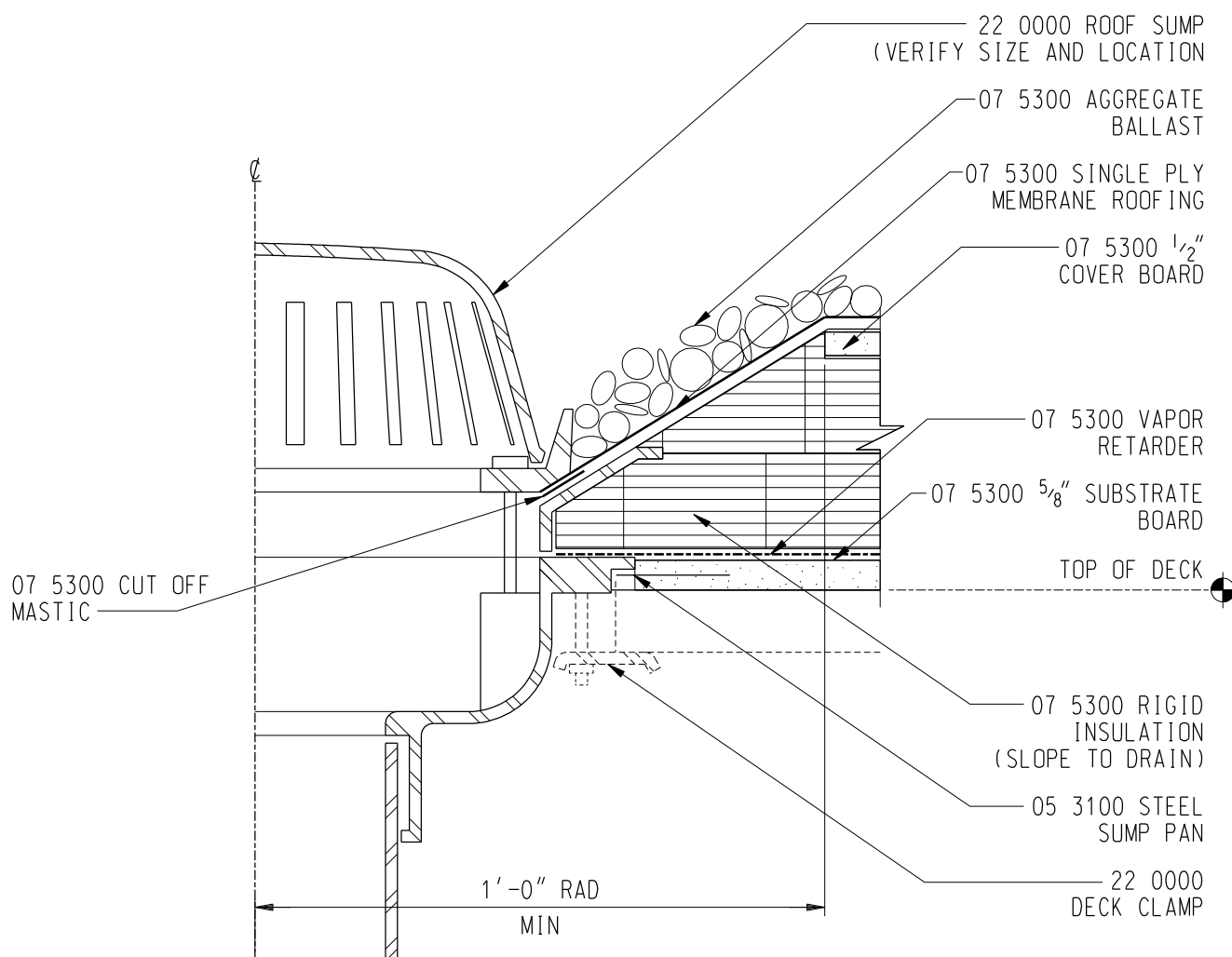
3" = 1'-0"

SHOW ON ROOF PLAN

COORDINATE WITH STRUCTURAL AND MECHANICAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



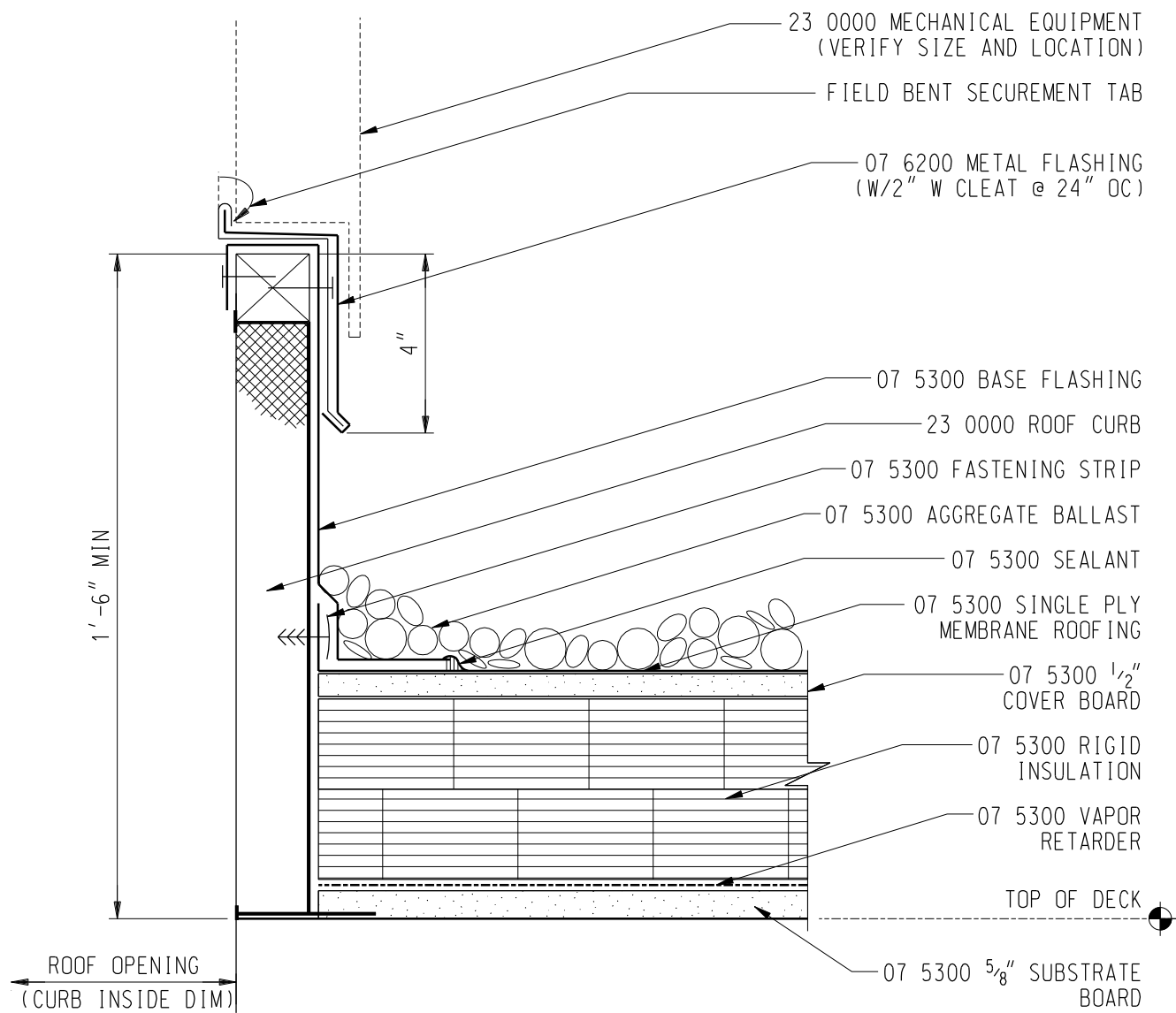
ROOF SUMP

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

SHOW ON ROOF PLAN
COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



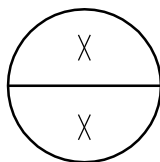
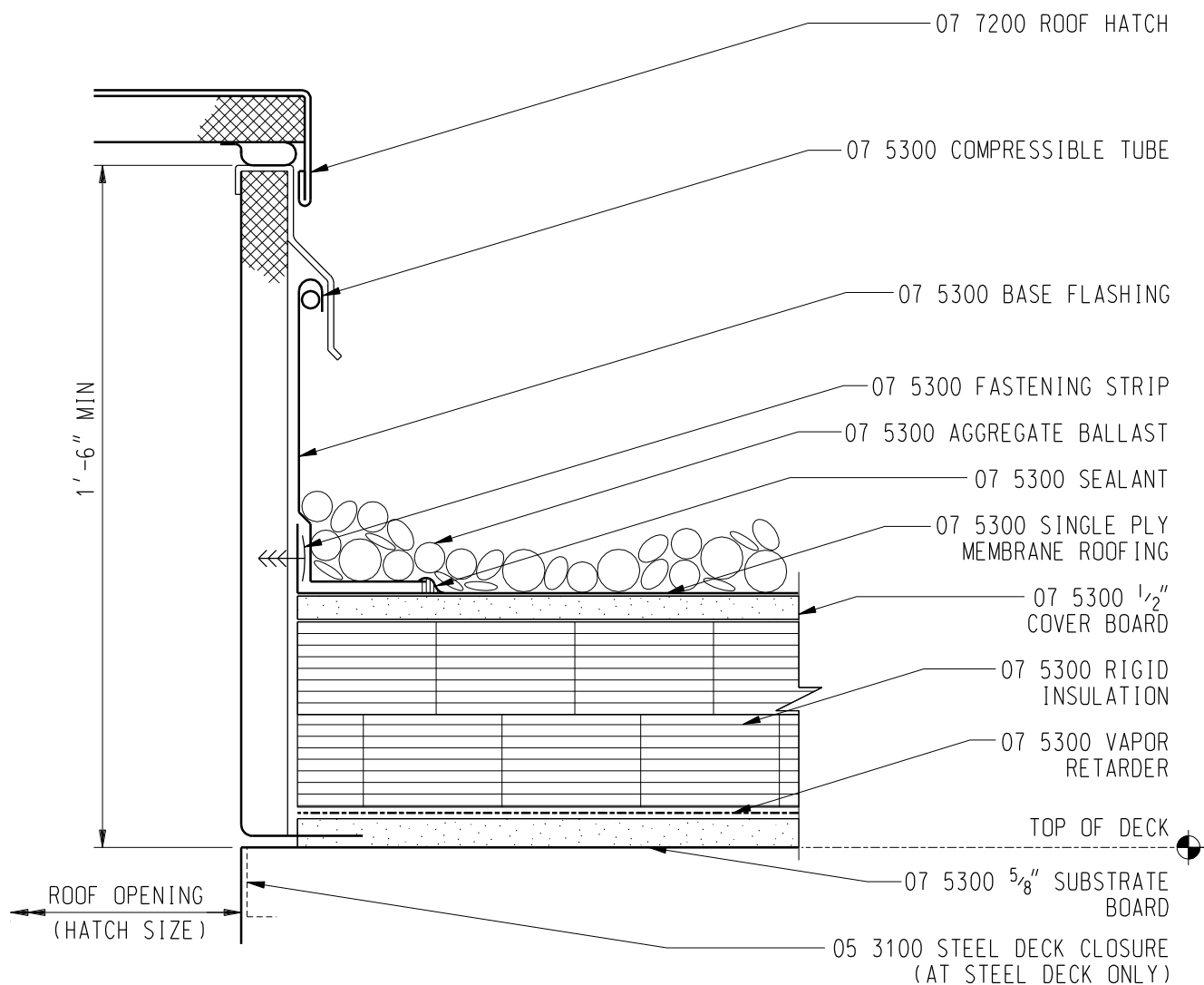
ROOF CURB
SINGLE PLY MEMBRANE ROOFING
3" = 1'-0"

SHOW ON ROOF PLAN

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail

**ROOF HATCH**

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

SHOW AND DIMENSION PENTHOUSE HEIGHT PLUS ROOF

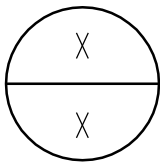
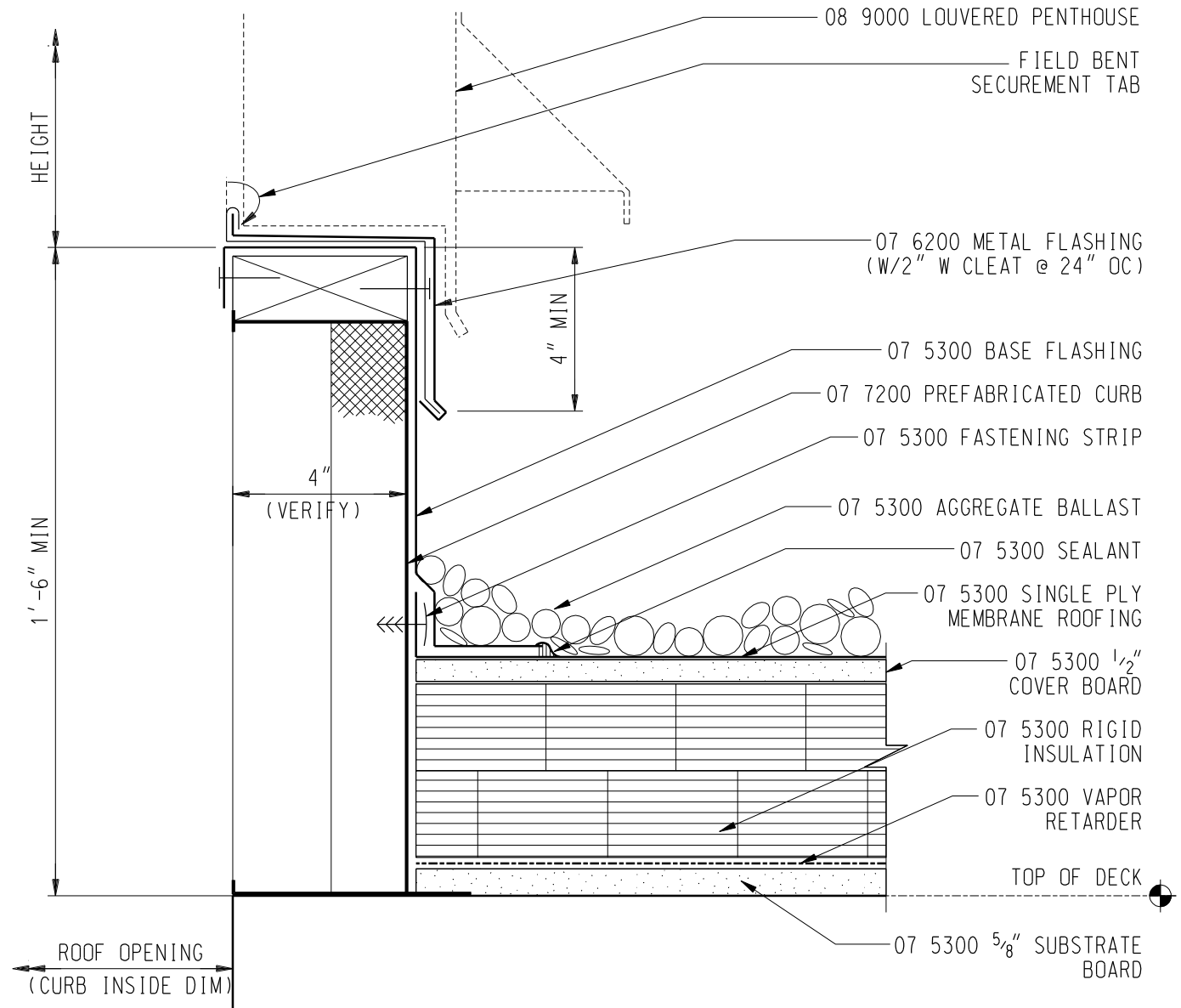
OPENING ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



LOUVERED PENTHOUSE

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

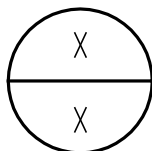
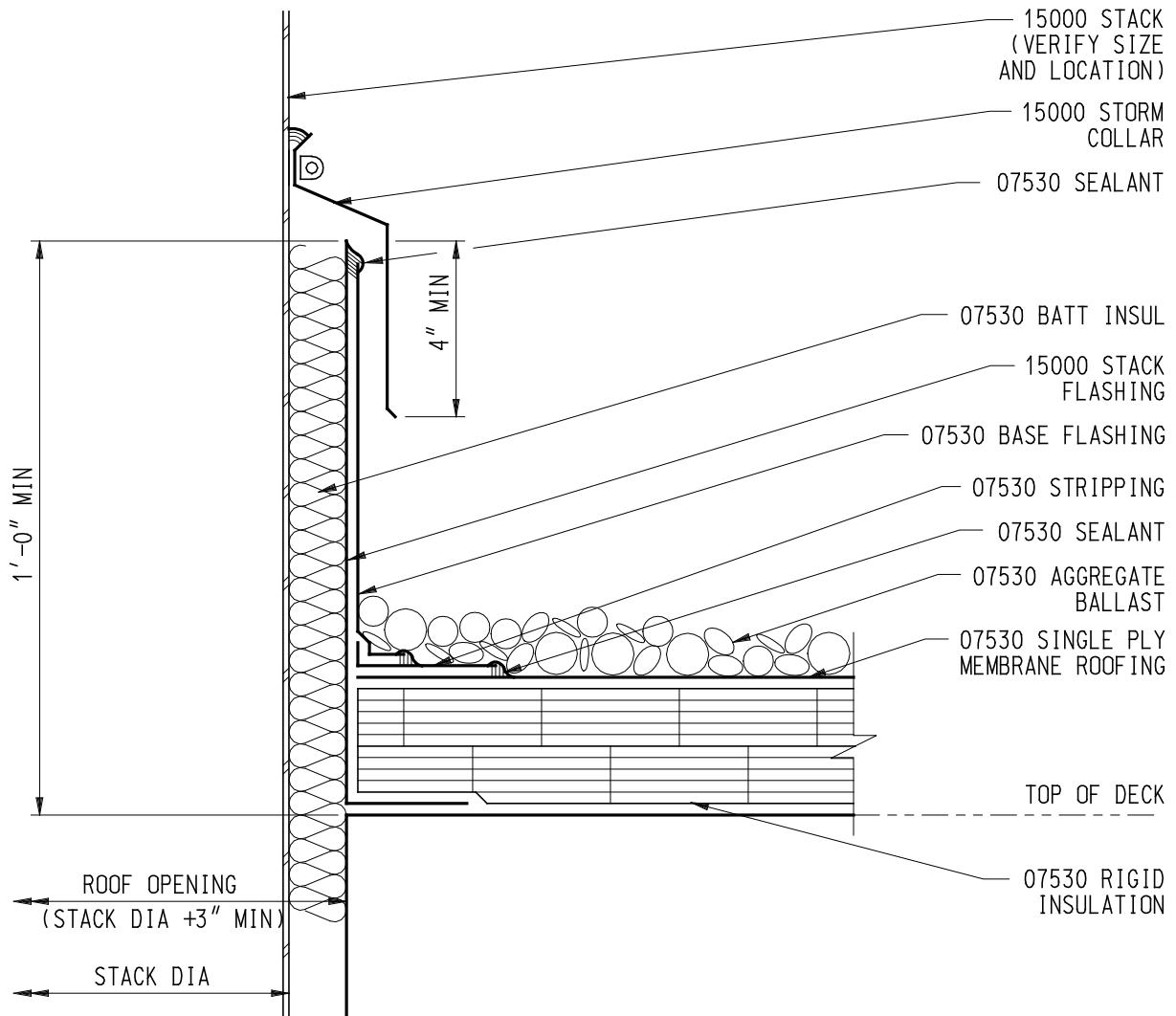


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Standard Detail

Notes / Instructions

USE FOR PRESSURE RELIEF VENTS, FLUES, OR FUME HOOD
EXHAUST, ETC., SMALL DIAMETER VERIFY W/MECHANICAL
SHOW ON ROOF PLAN
COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"CARLISLE" LOOSE LAID BALLASTED



STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07607

Date

30-JUN-00

Department

Architecture

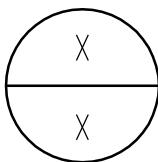
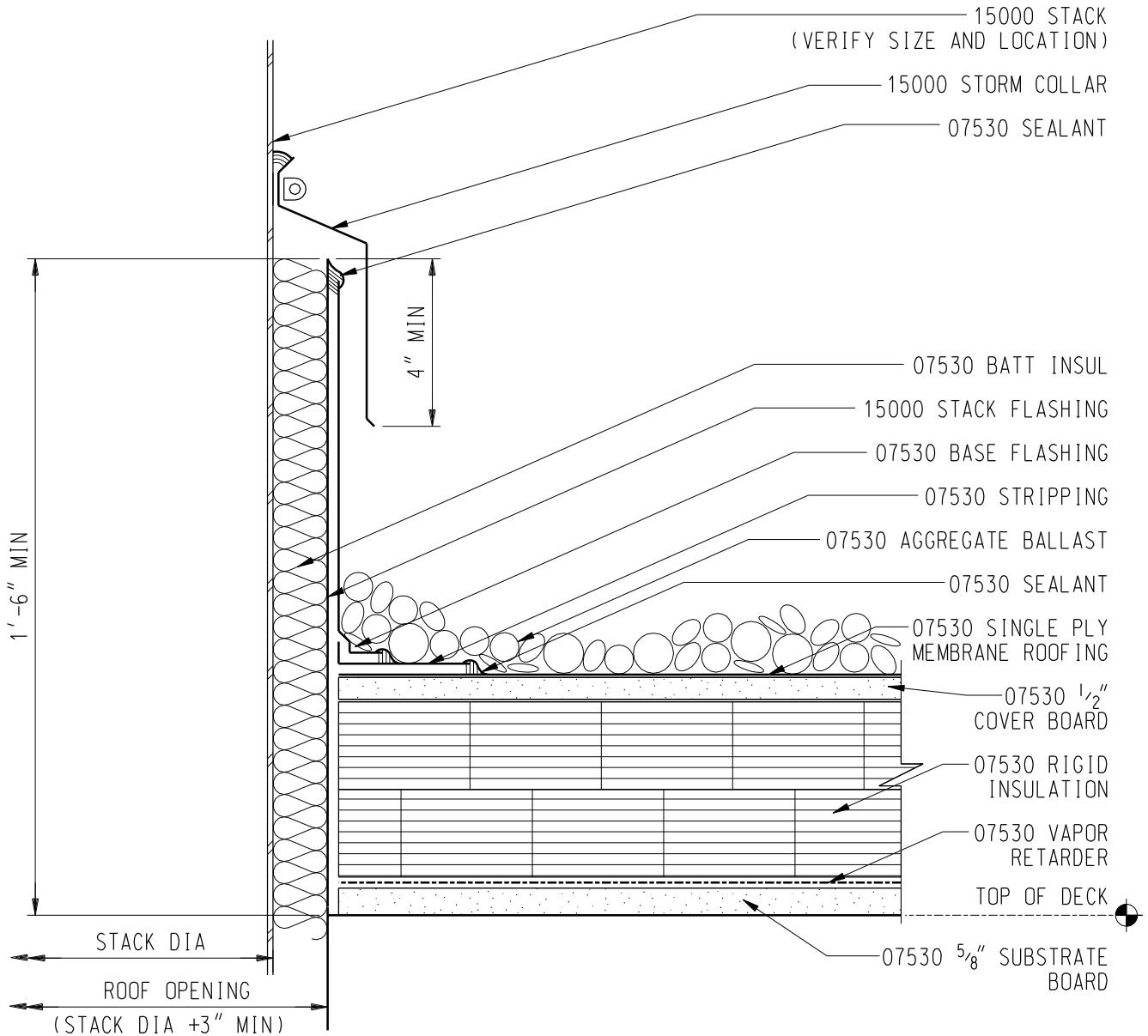
Detail No.

07-607

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Notes / Instructions
 USE FOR PRESSURE RELEASE VENTS, FLUES, OR FUME HOODS
 EXHAUST, ETC.. SMALL DIAMETER VERIFY W/ MECHANICAL
 SHOW ON ROOF PLAN
 COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL
 COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
 "CARLISLE" LOOSE LAID BALLASTED

Standard Detail



STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Notes / Instructions
USE FOR BOILER OR GENERATOR STACKS ETC..

VERIFY WITH MECHANICAL

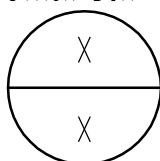
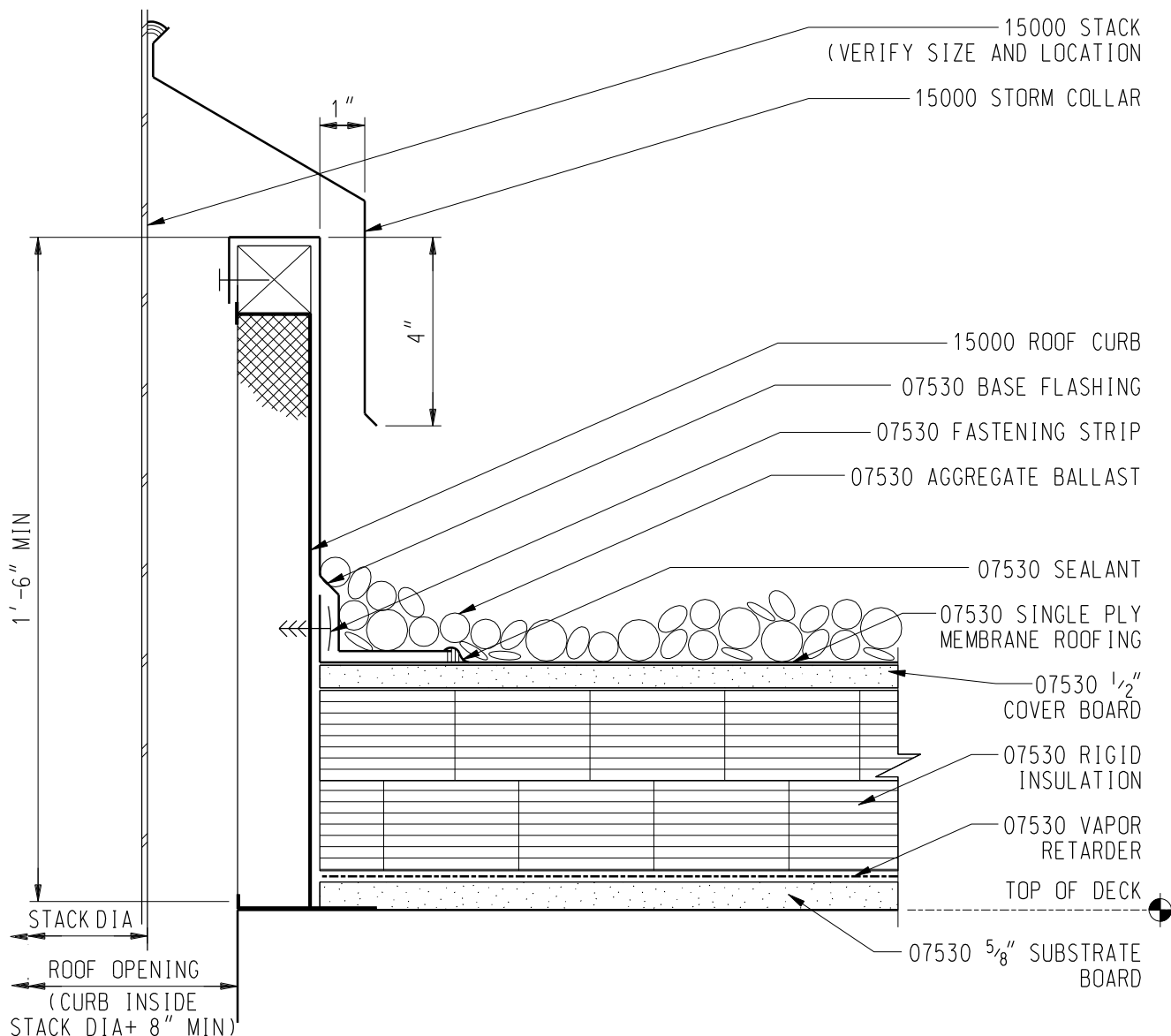
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



HIGH TEMPERATURE STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Notes / Instructions
USE FOR BOILER OR GENERATOR STACKS ETC..

VERIFY WITH MECHANICAL

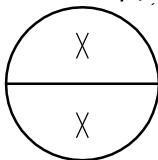
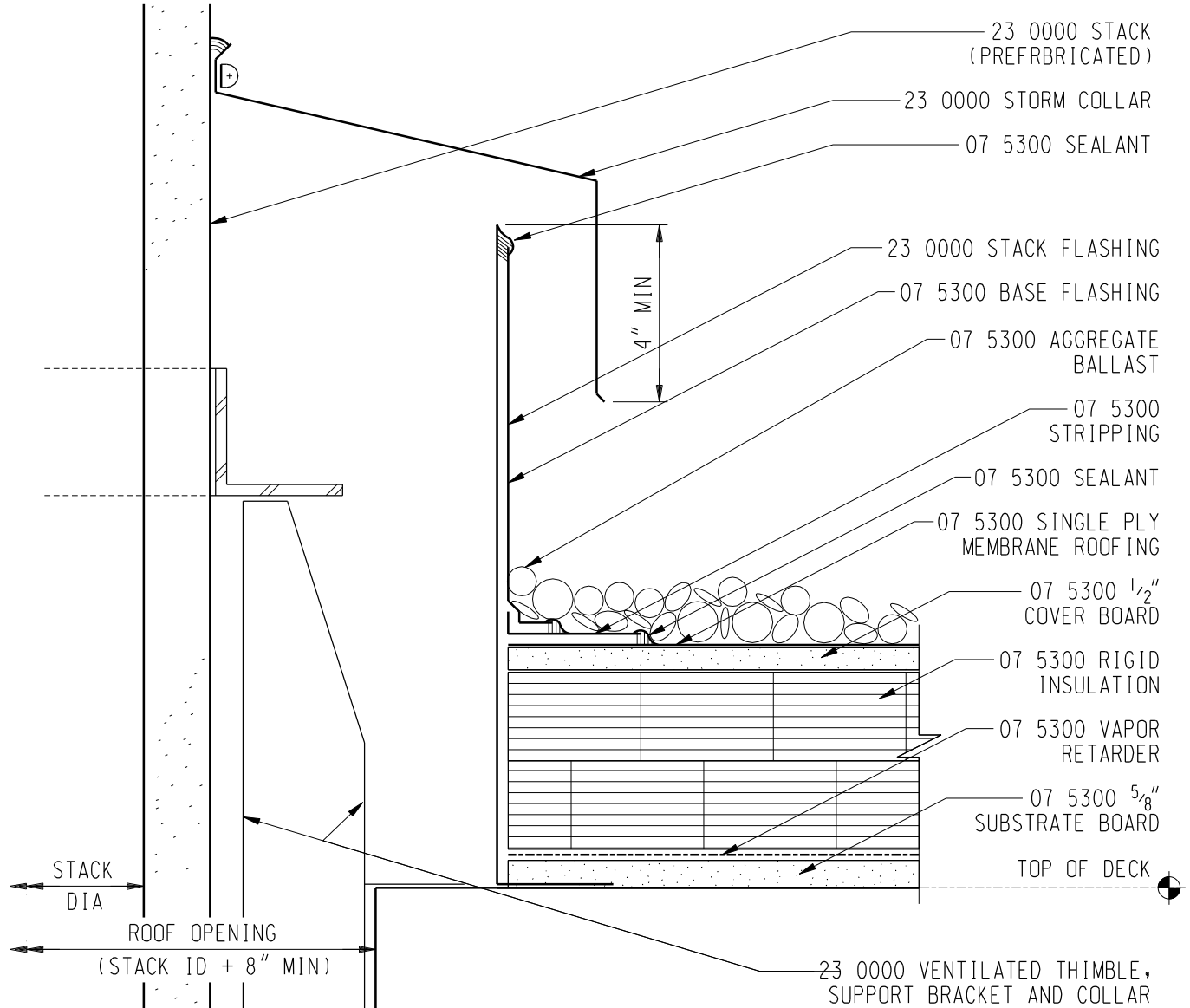
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



PREFABRICATED STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Notes / Instructions
USE FOR FUME HOOD EXHAUST, ETC... LARGE DIAMETER

VERIFY WITH MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

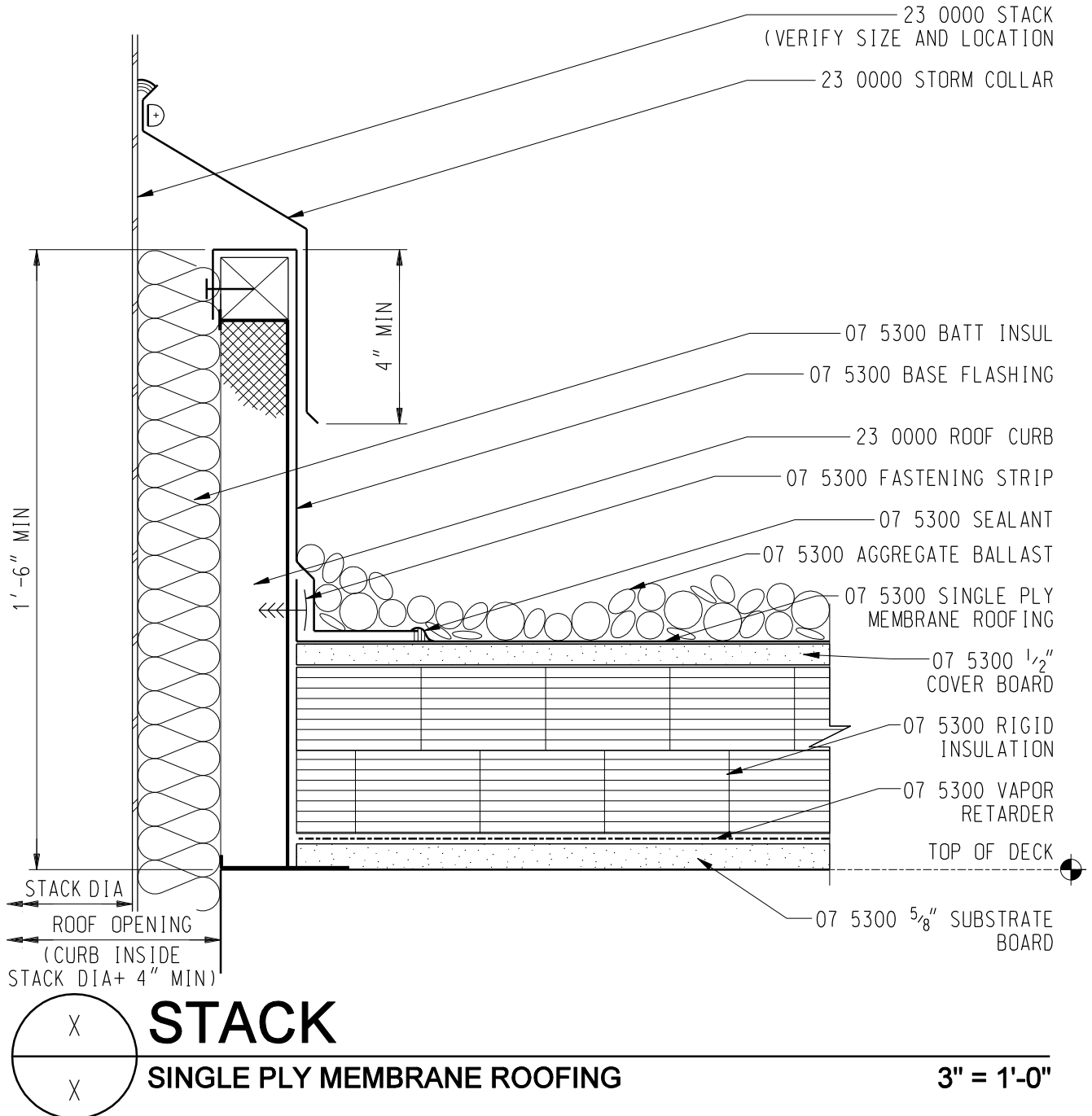
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

iDS

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architecture engineering interiors & technology

Standard Detail



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Cell Name

07610

Date

2019

Detail Number

07-610

Notes / Instructions
USE TO SATISFY 2000 MICH BUILDING CODE OR

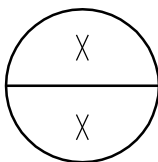
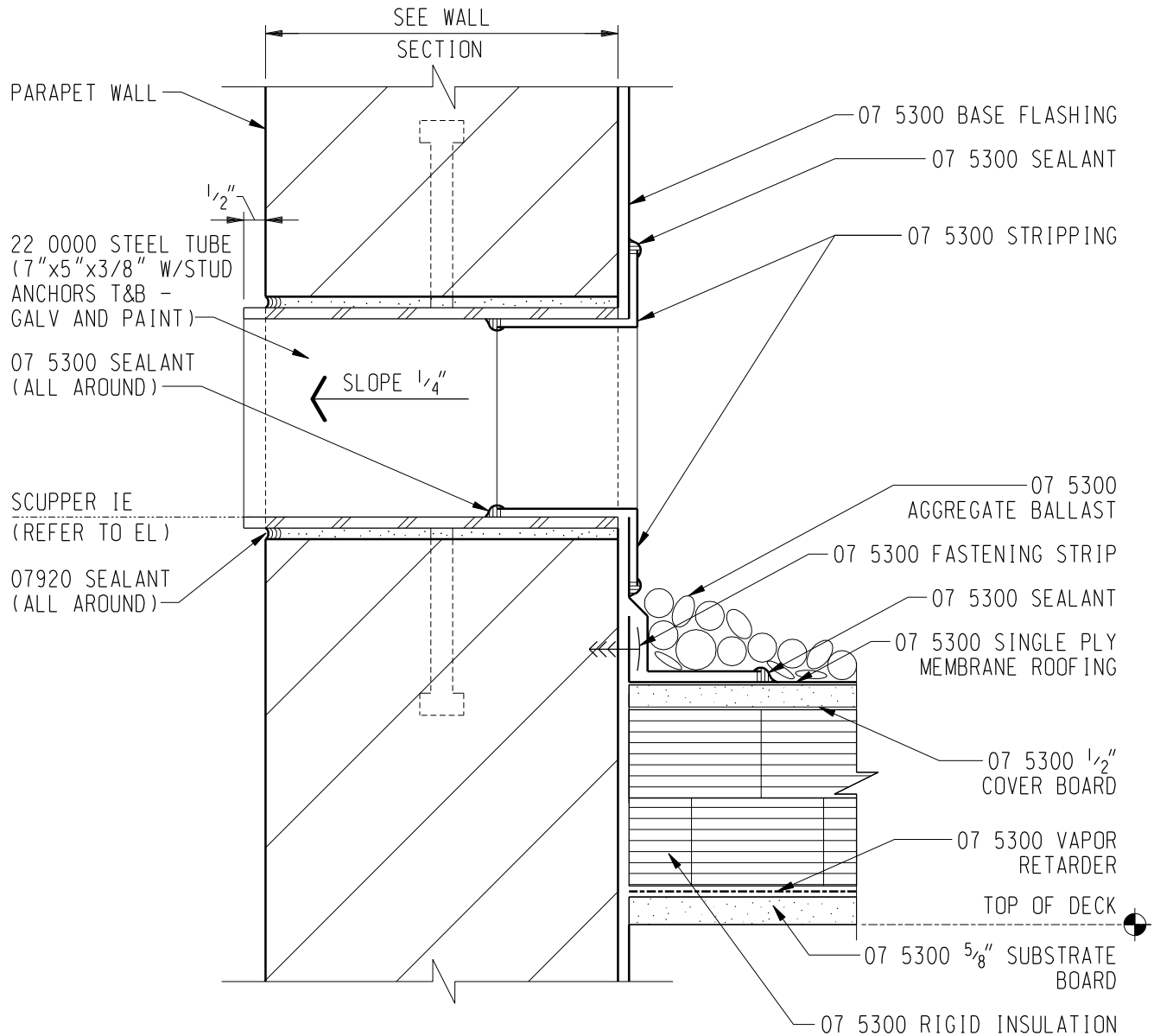
2000 IBC SECTION 1611.3

7" x 5" STEEL TUBE SIZED FOR MODULAR BRICK, CHANGE TO
8" x 4" FOR UTILITY BRICK

NOTE SCUPPER INVERT ELEV. (I.E.) ON EXTERIOR ELEVATIONS

"JOHNS MANVILLE" MECHANICALLY FASTENED

Standard Detail



OVERFLOW SCUPPER

SINGLE PLY MEMBRANE ROOFING

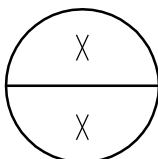
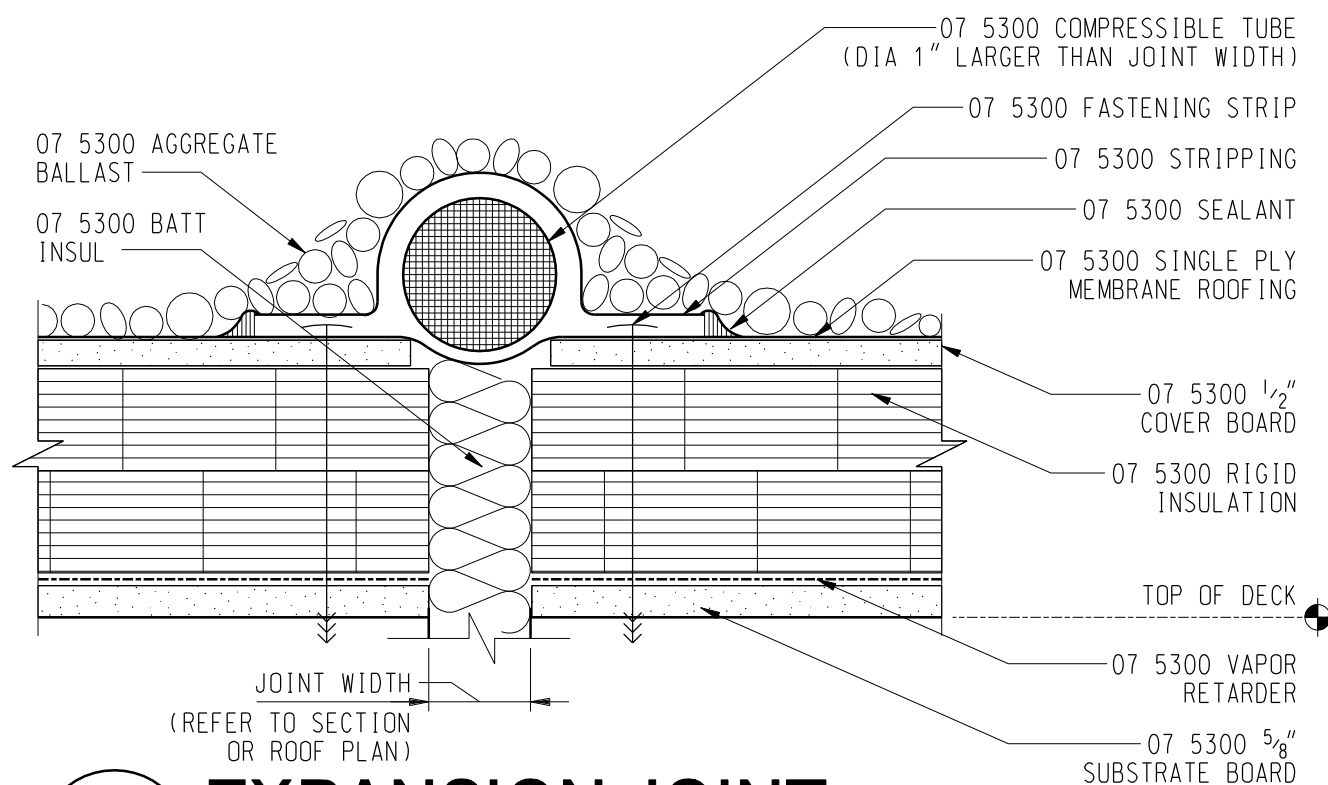
3" = 1'-0"

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN 12" MAX

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail

**EXPANSION JOINT**

SINGLE PLY MEMBRANE ROOFING

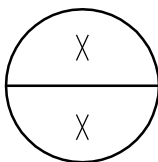
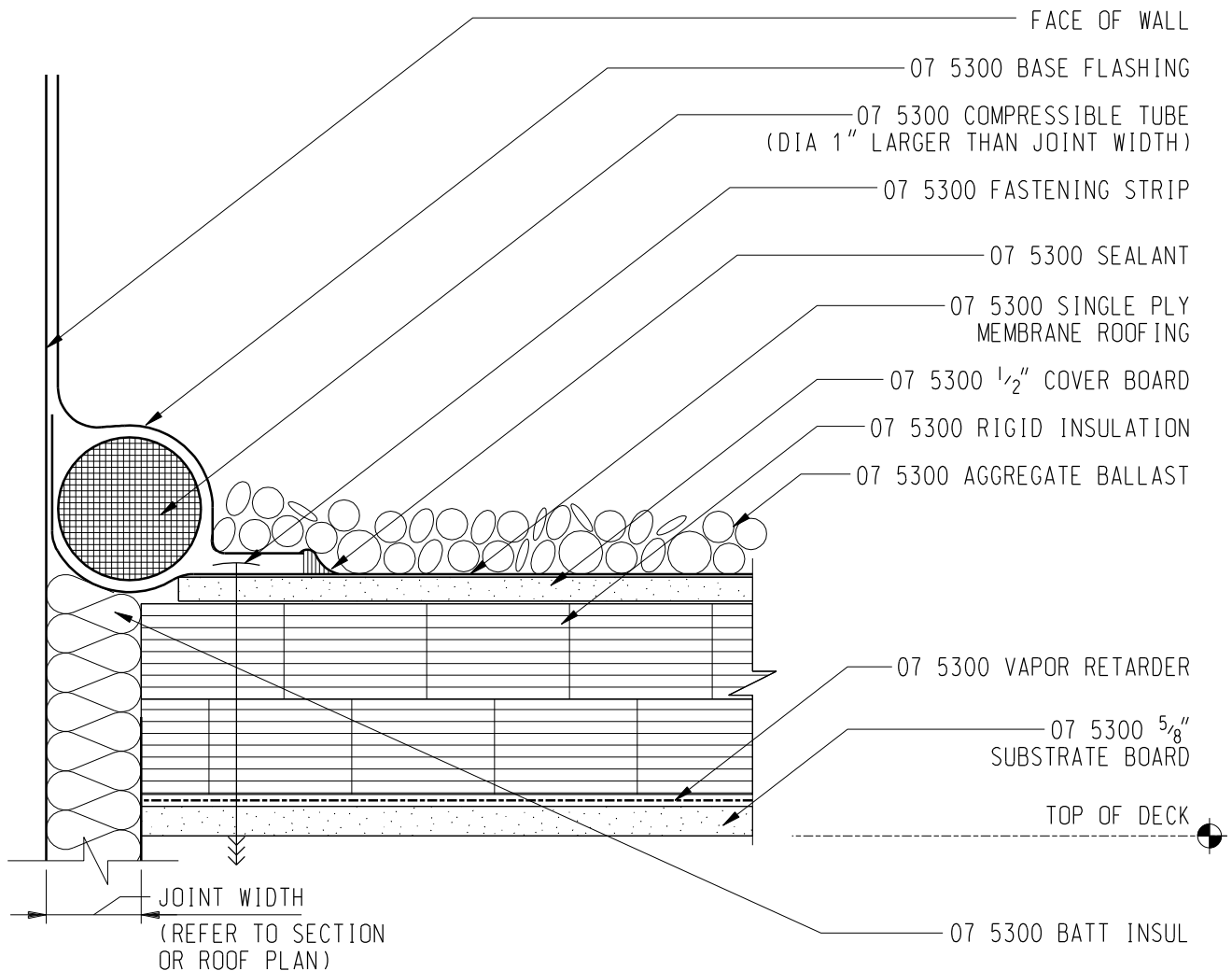
3" = 1'-0"

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN 12" MAX

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail

**EXPANSION JOINT AT WALL**

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

USE FOR MULTIPLE PIPE OR CONDUIT PENETRATIONS

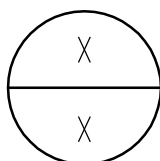
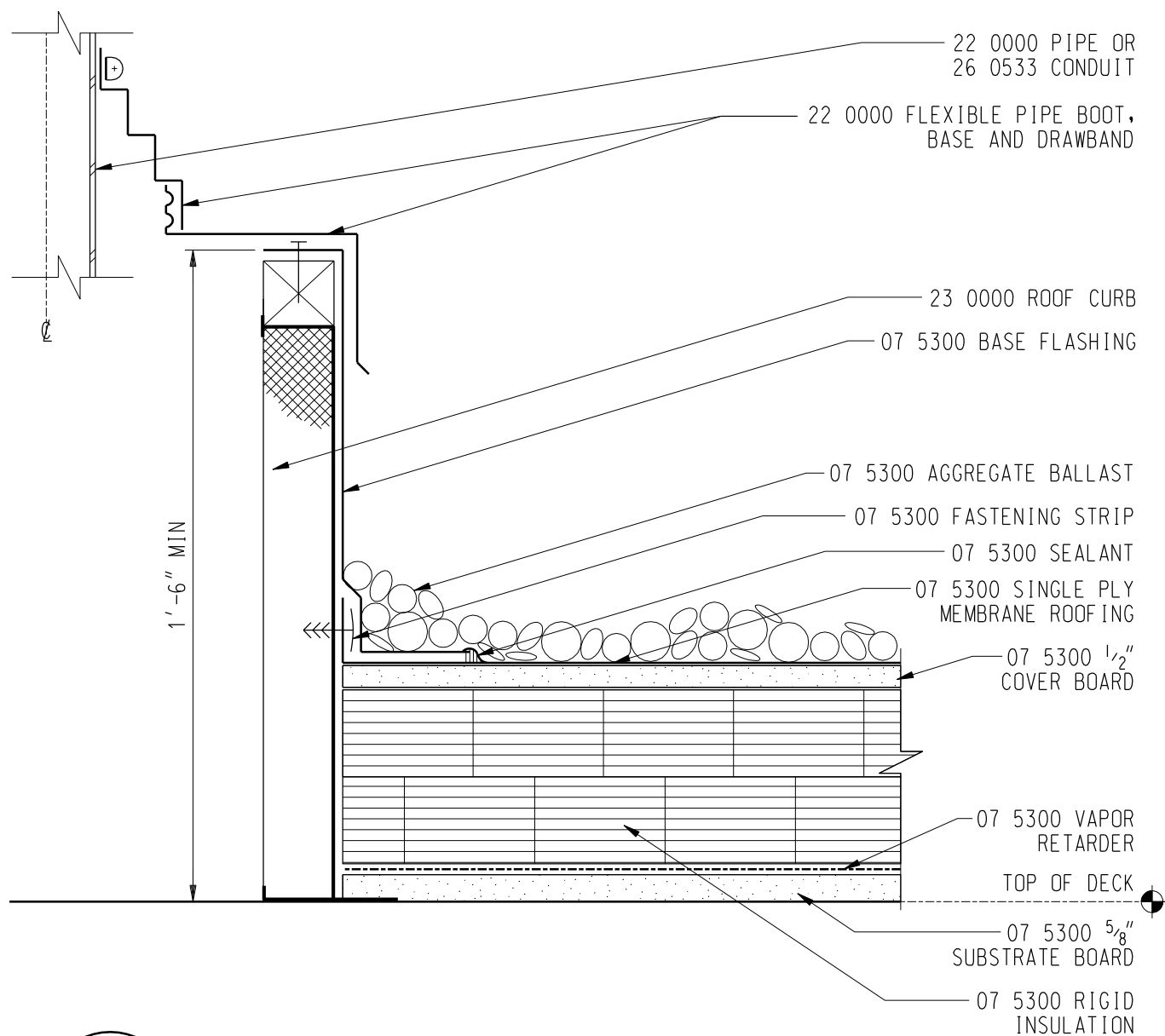
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



ROOF CURB W/PIPE BOOT

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

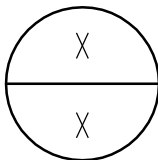
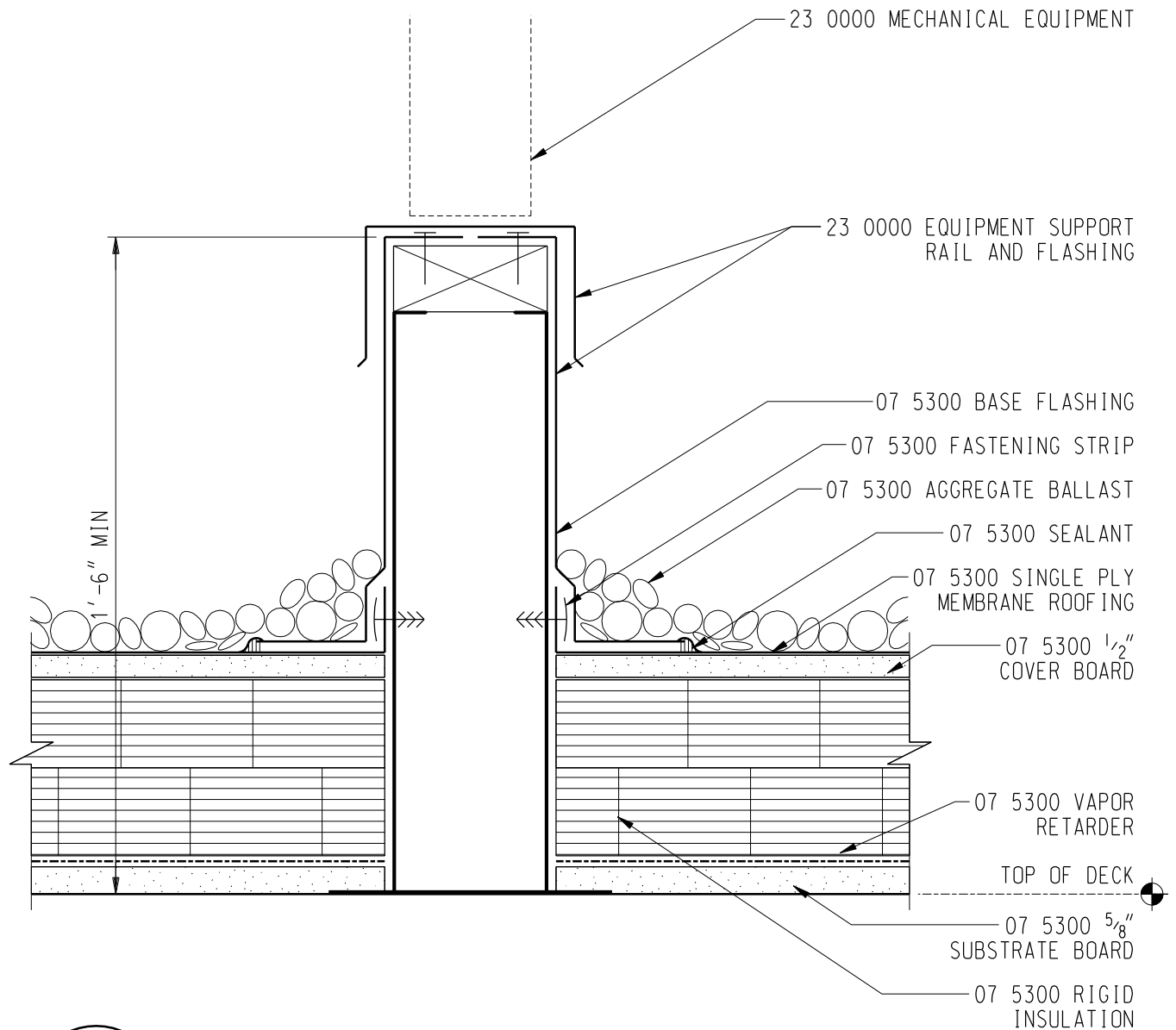
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



EQUIPMENT SUPPORT RAIL

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

USE FOR MECHANICAL SHEET METAL DUCTS

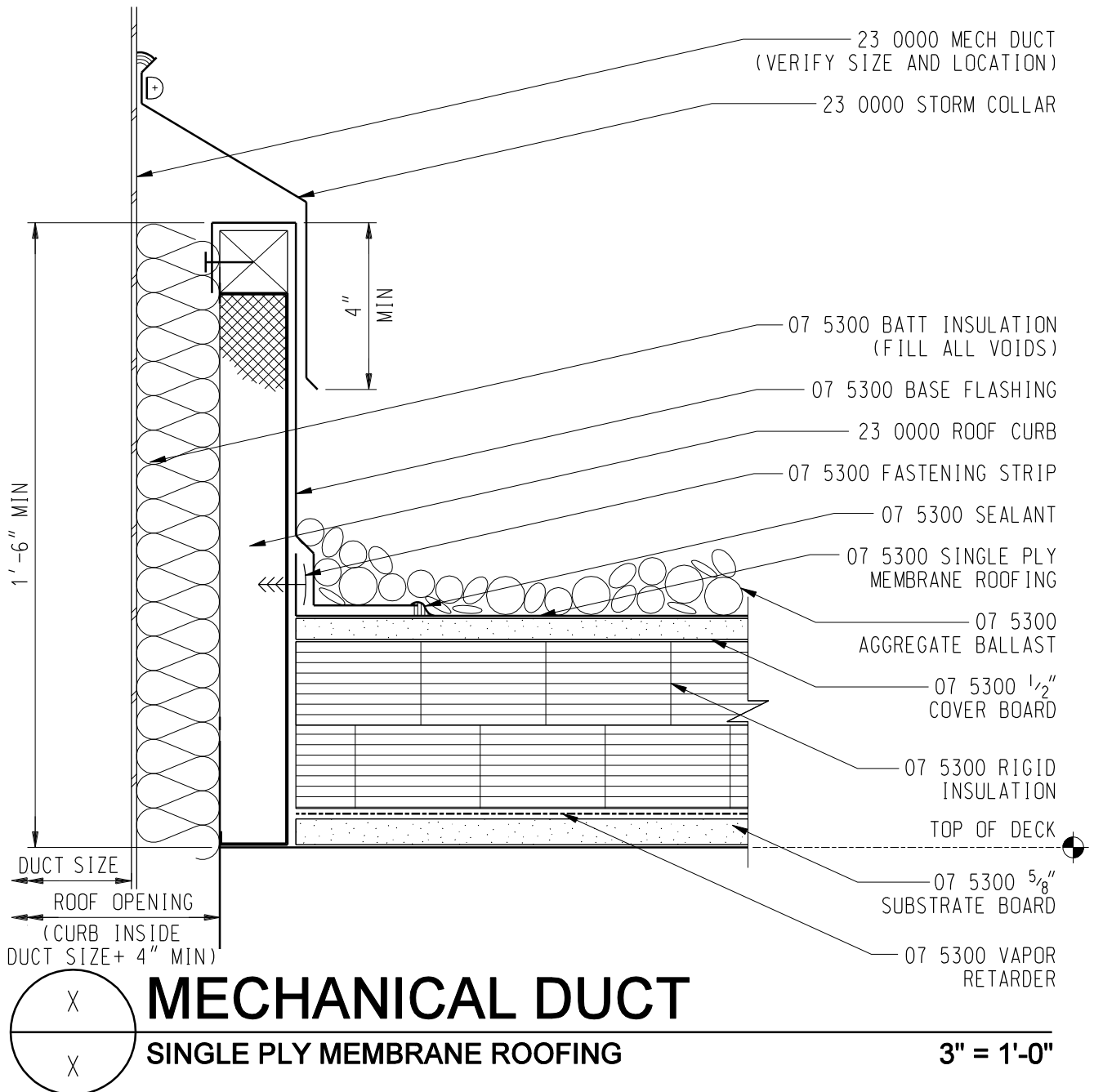
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



USE FOR MECHANICAL STEEL PIPE 6" TO 12" DIA

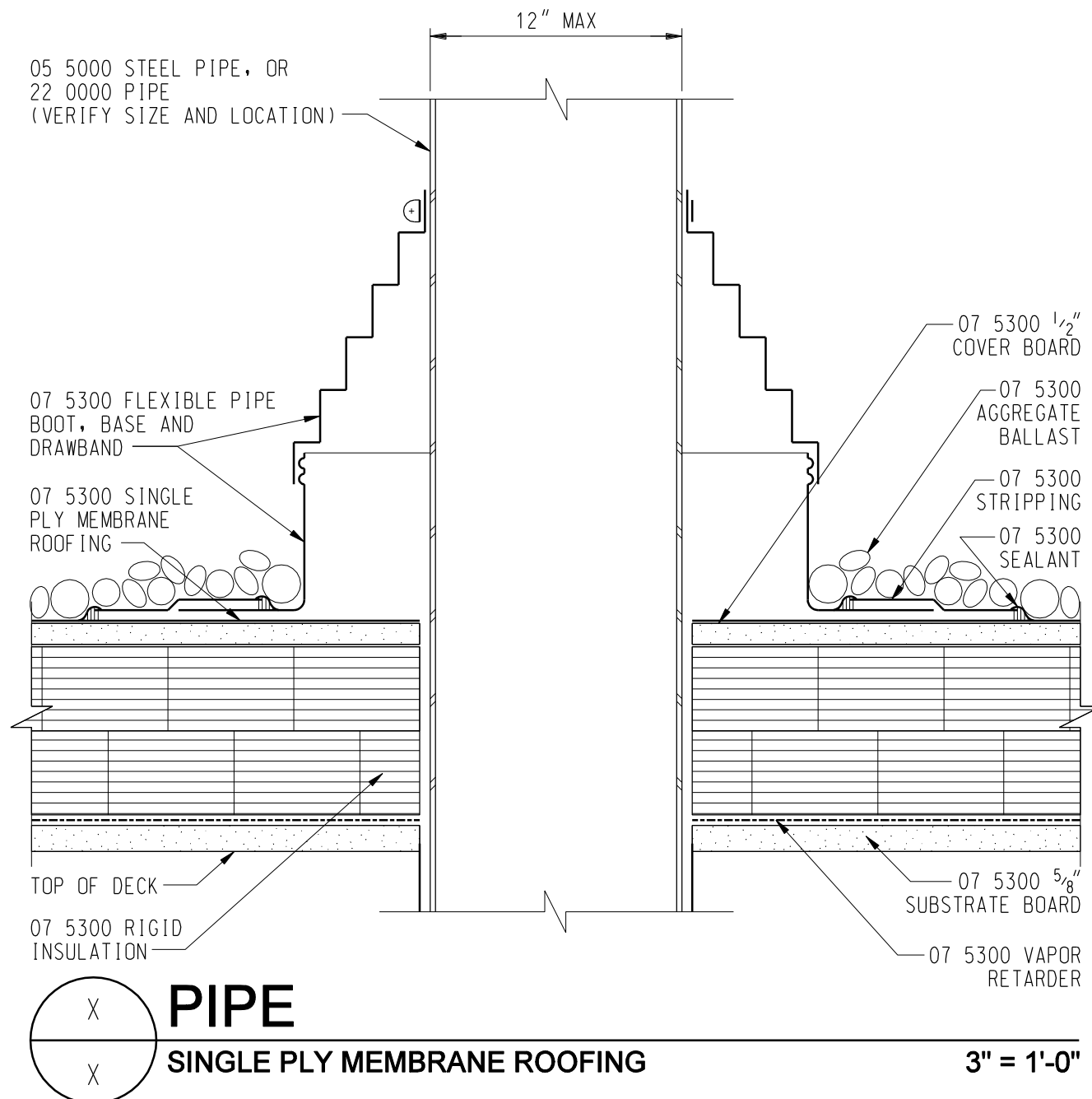
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

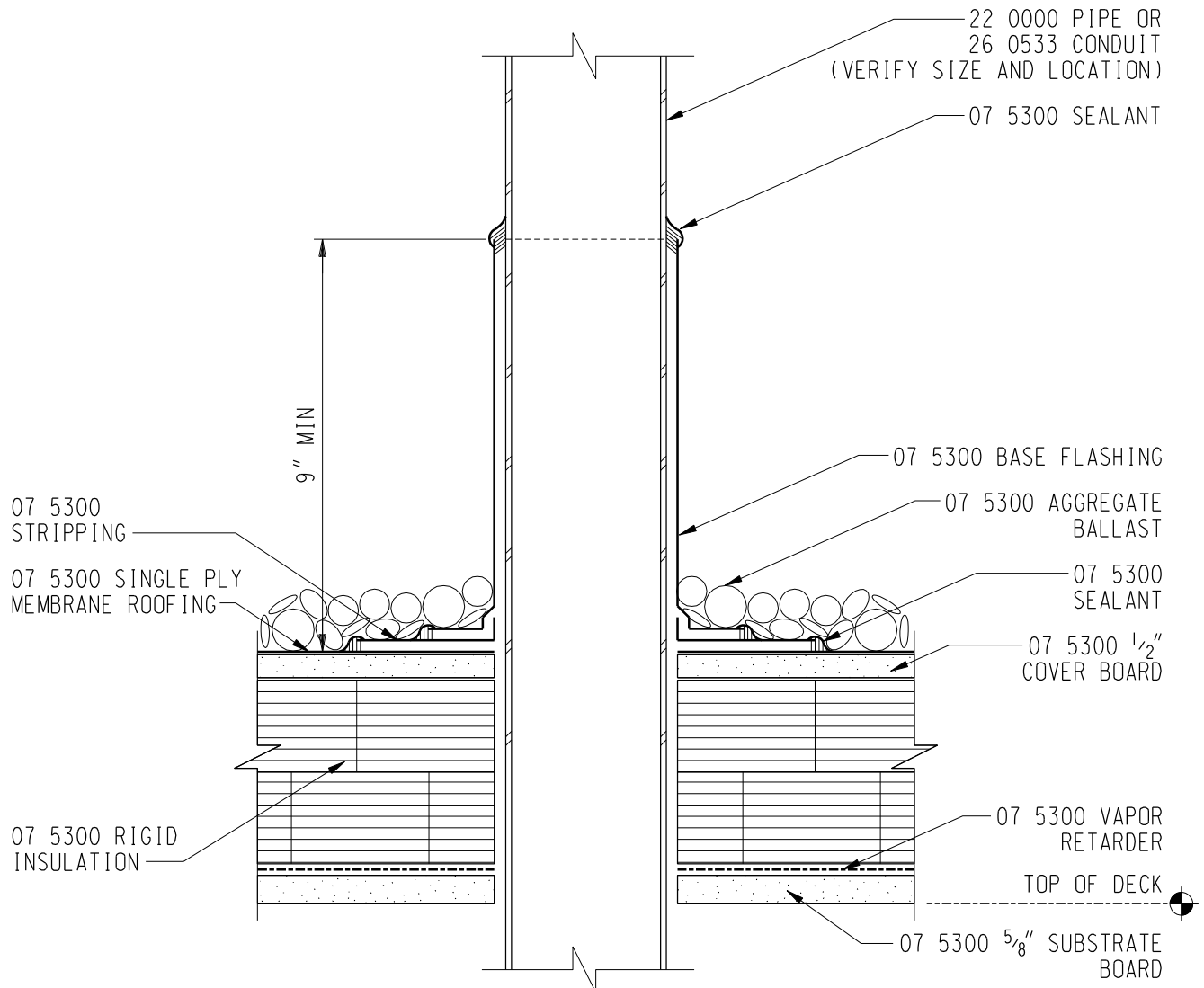
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



Standard Detail



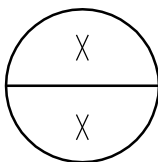
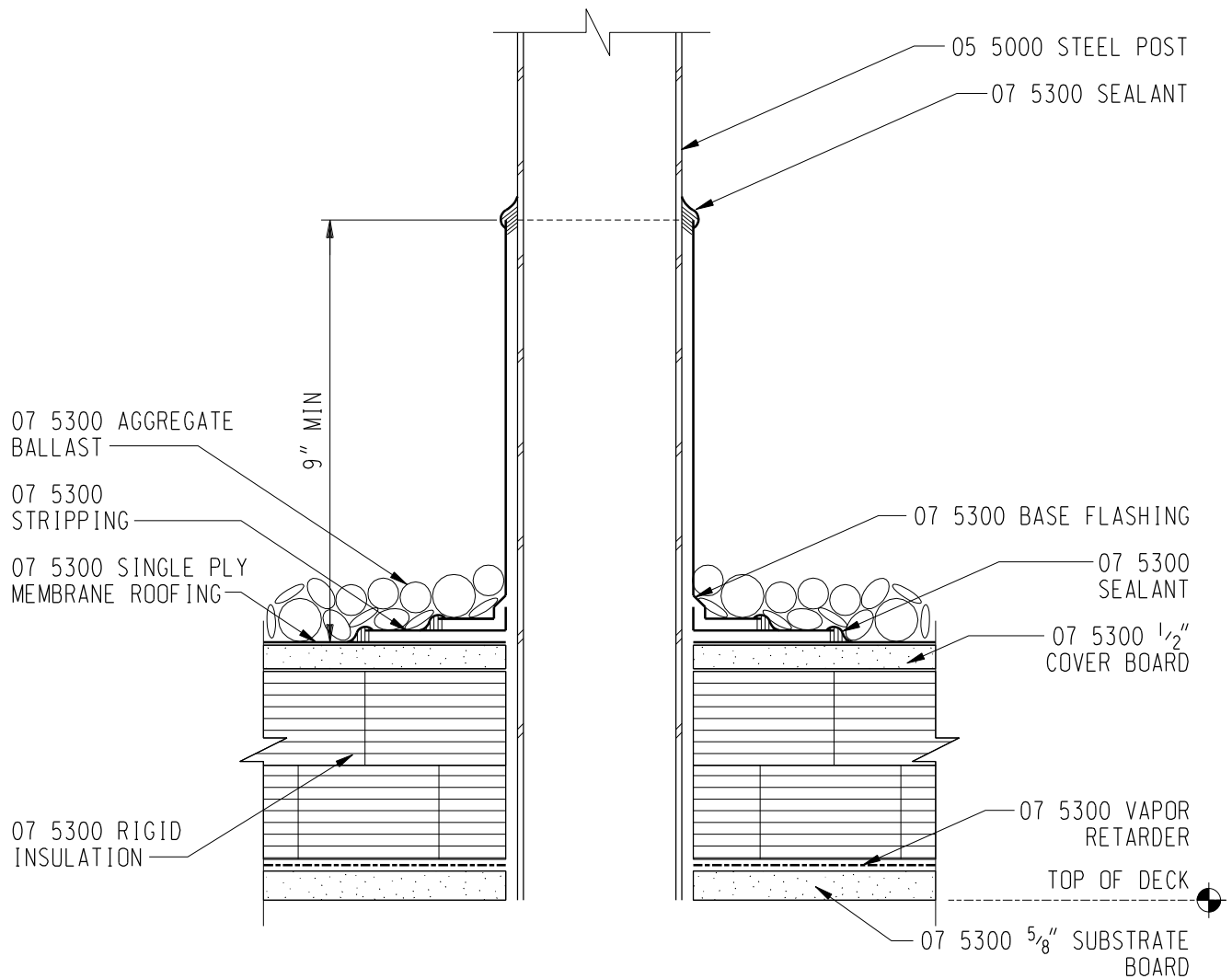
PIPE AND CONDUIT

SINGLE PLY MEMBRANE ROOFING

$$\underline{\underline{3'' = 1'-0''}}$$

USE FOR STEEL POST SUPPORTING STRUCTURAL FRAMING
AT MECHANICAL EQUIPMENT. ETC. DRAW AND NOMENCLATE
BASE PLATE AND CONNECTING ROOF STRUCTURE. COORDINATE
W/ STRUCTURAL AND DEPARTMENT REQUIRING THE SAME
"CARLISLE" LOOSE LAID BALLASTED

Standard Detail



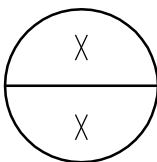
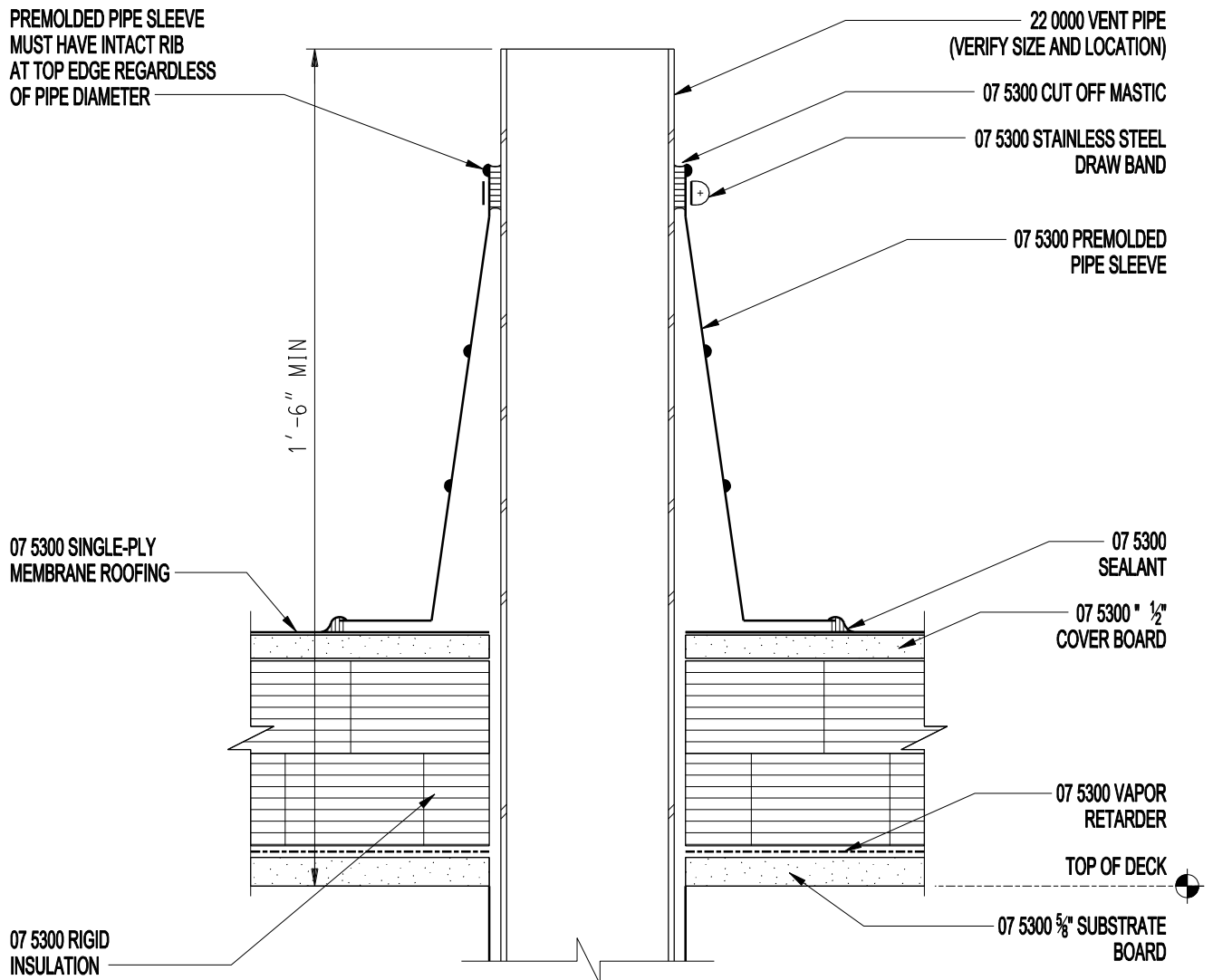
POST

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



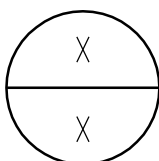
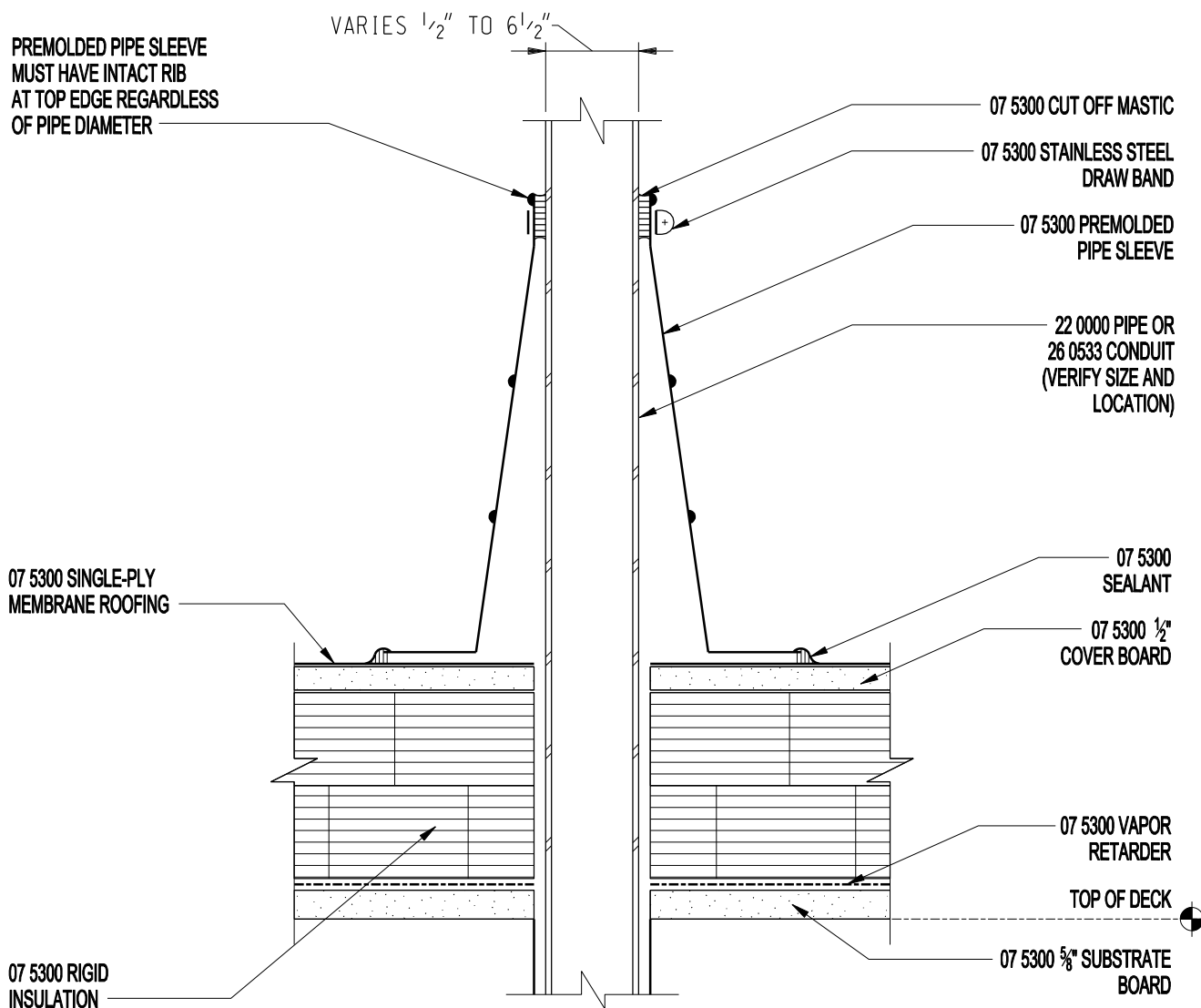
TYPICAL VENT THRU ROOF

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

VERIFY THAT PREMOLDED PIPE SLEEVE CAN BE INSTALLED
OVER PIPE OR CONDUIT. OTHERWISE USE DETAIL 07-668
"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



TYPICAL PIPE AND CONDUIT

SINGLE PLY MEMBRANE ROOFING

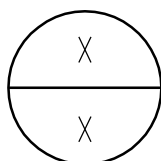
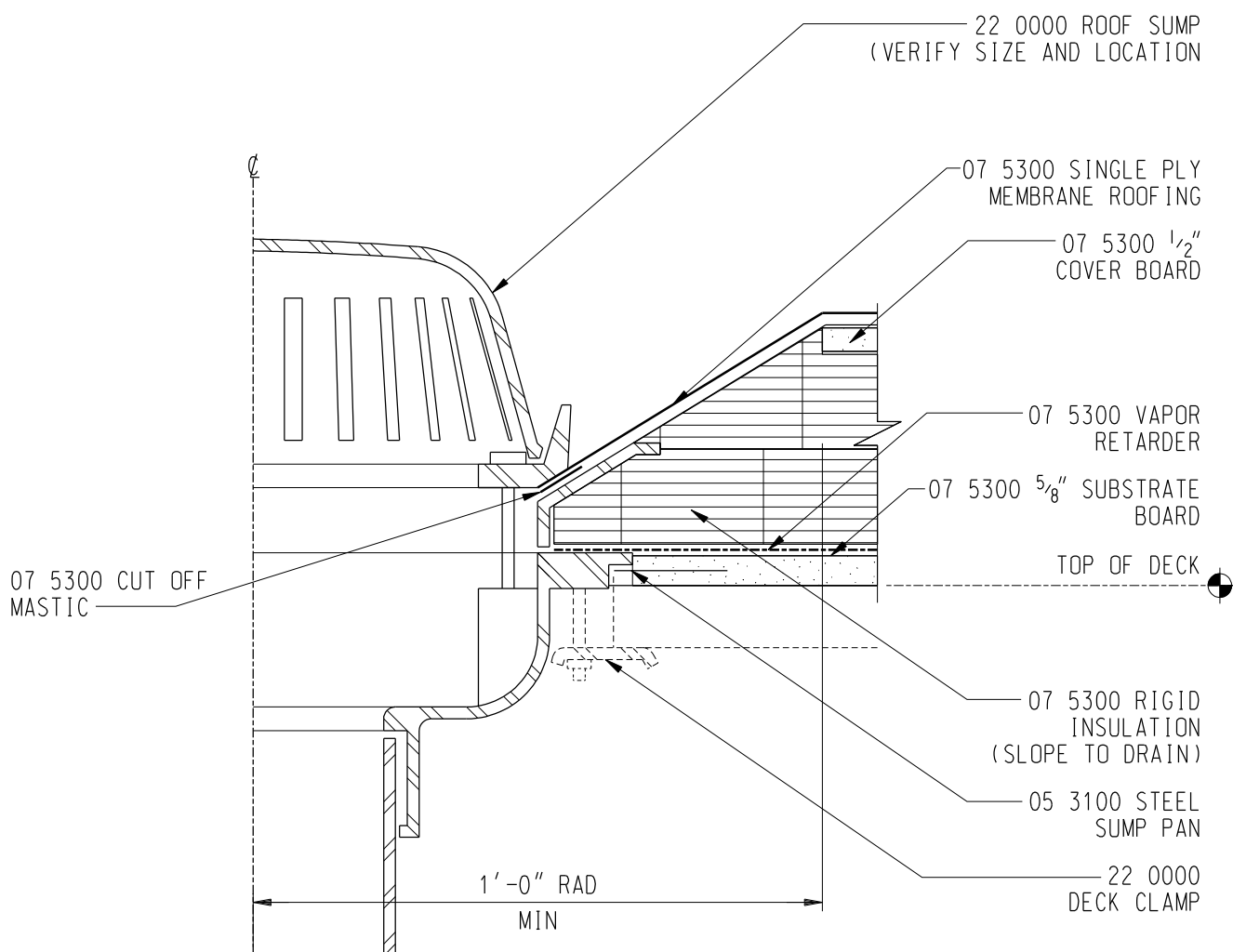
3" = 1'-0"

SHOW ON ROOF PLAN

COORDINATE WITH STRUCTURAL AND MECHANICAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



ROOF SUMP

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

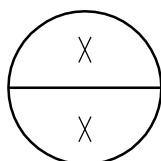
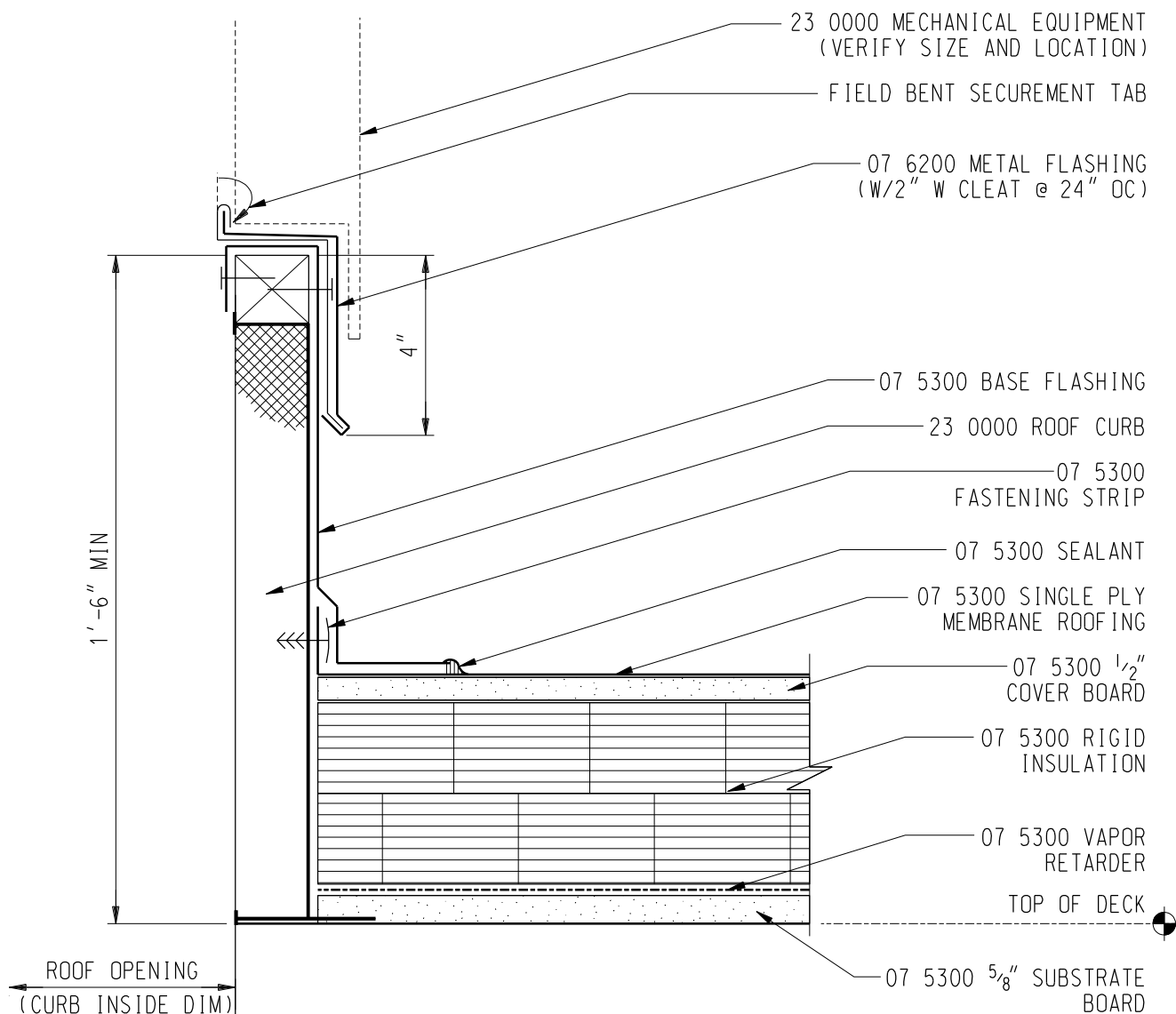
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



ROOF CURB

SINGLE PLY MEMBRANE ROOFING

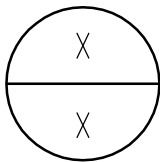
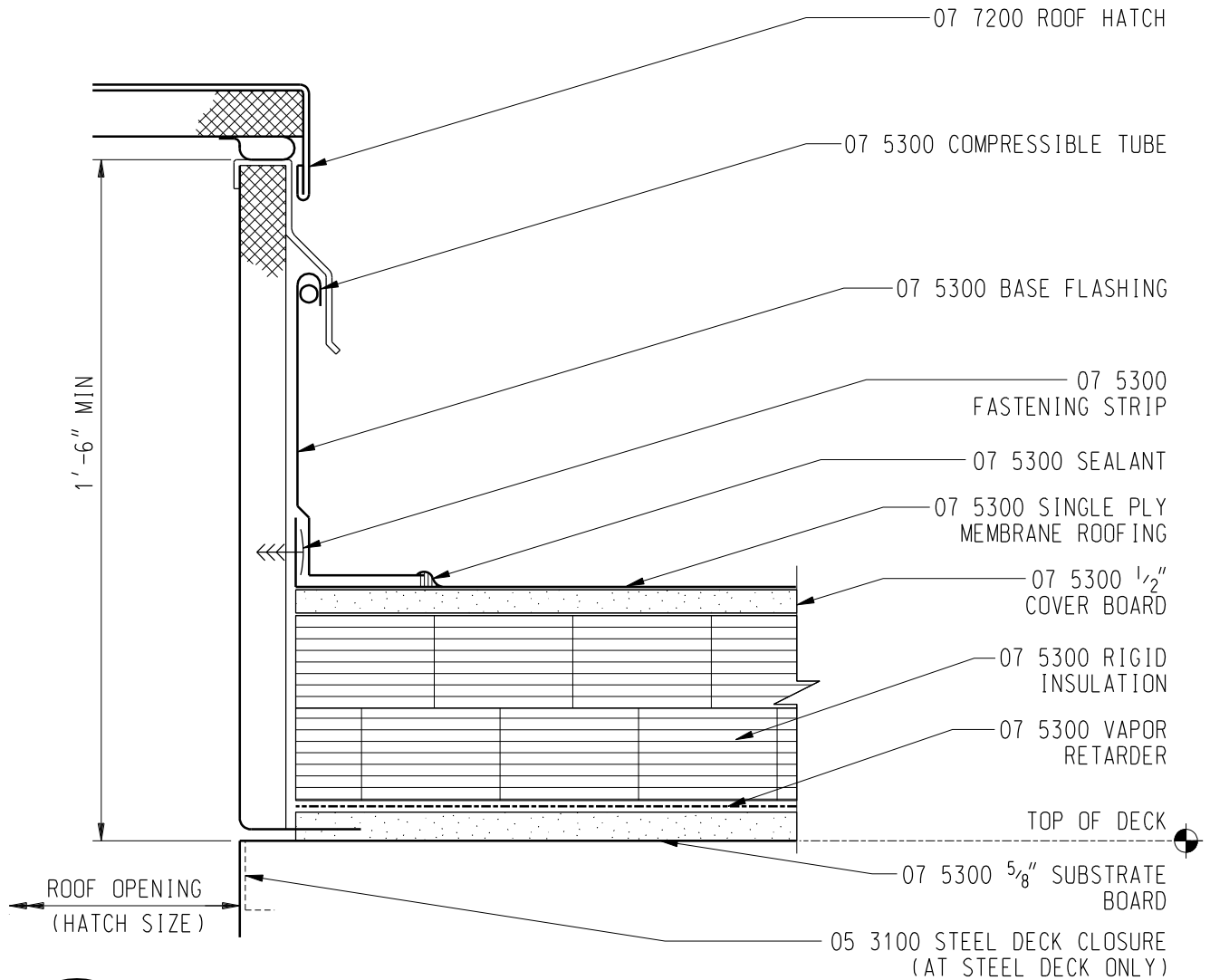
3" = 1'-0"

SHOW ON ROOF PLAN

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



ROOF HATCH

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

SHOW AND DIMENSION PENTHOUSE HEIGHT PLUS ROOF

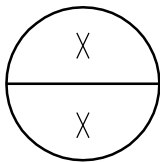
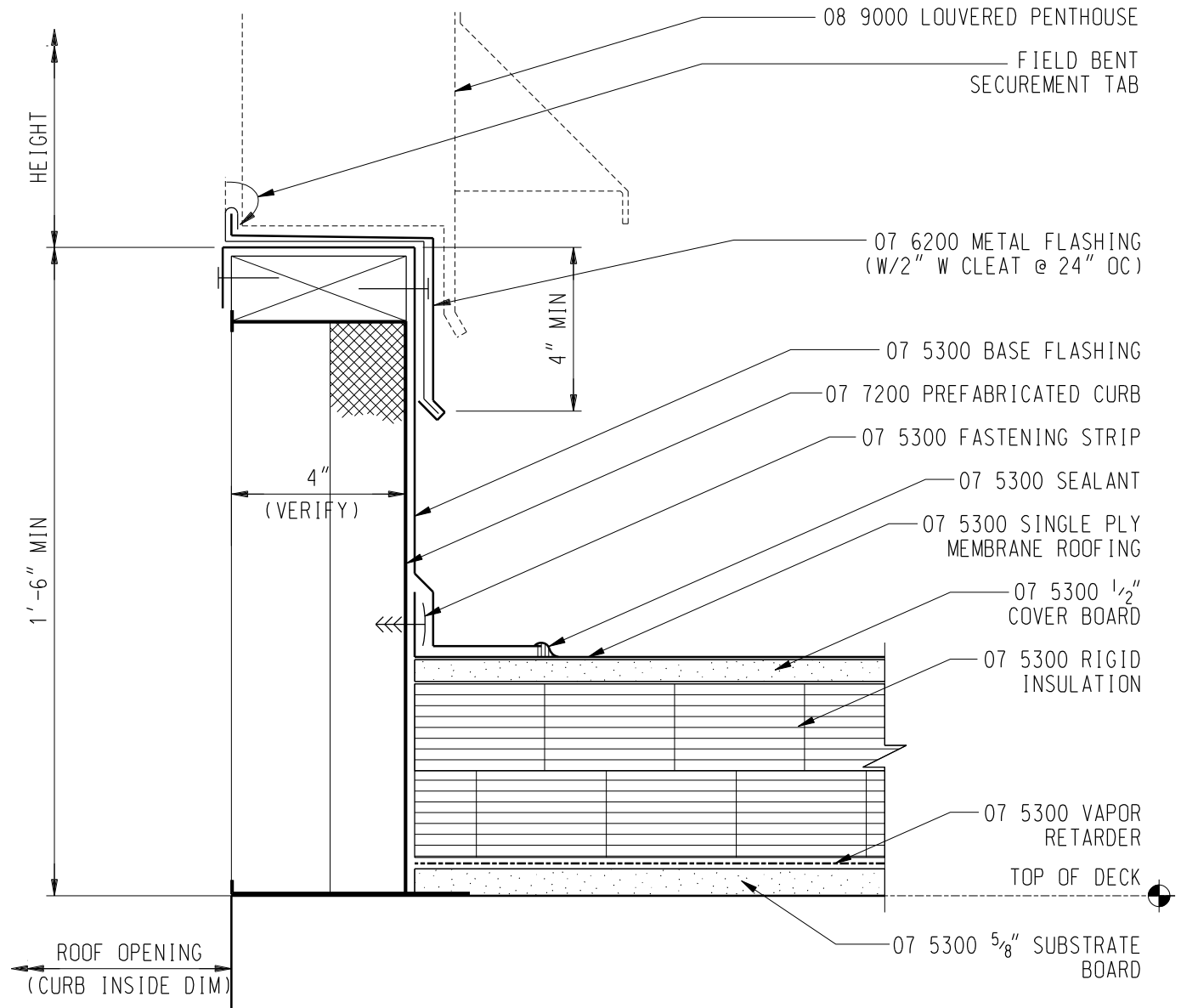
OPENING ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



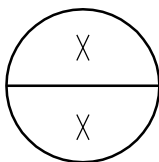
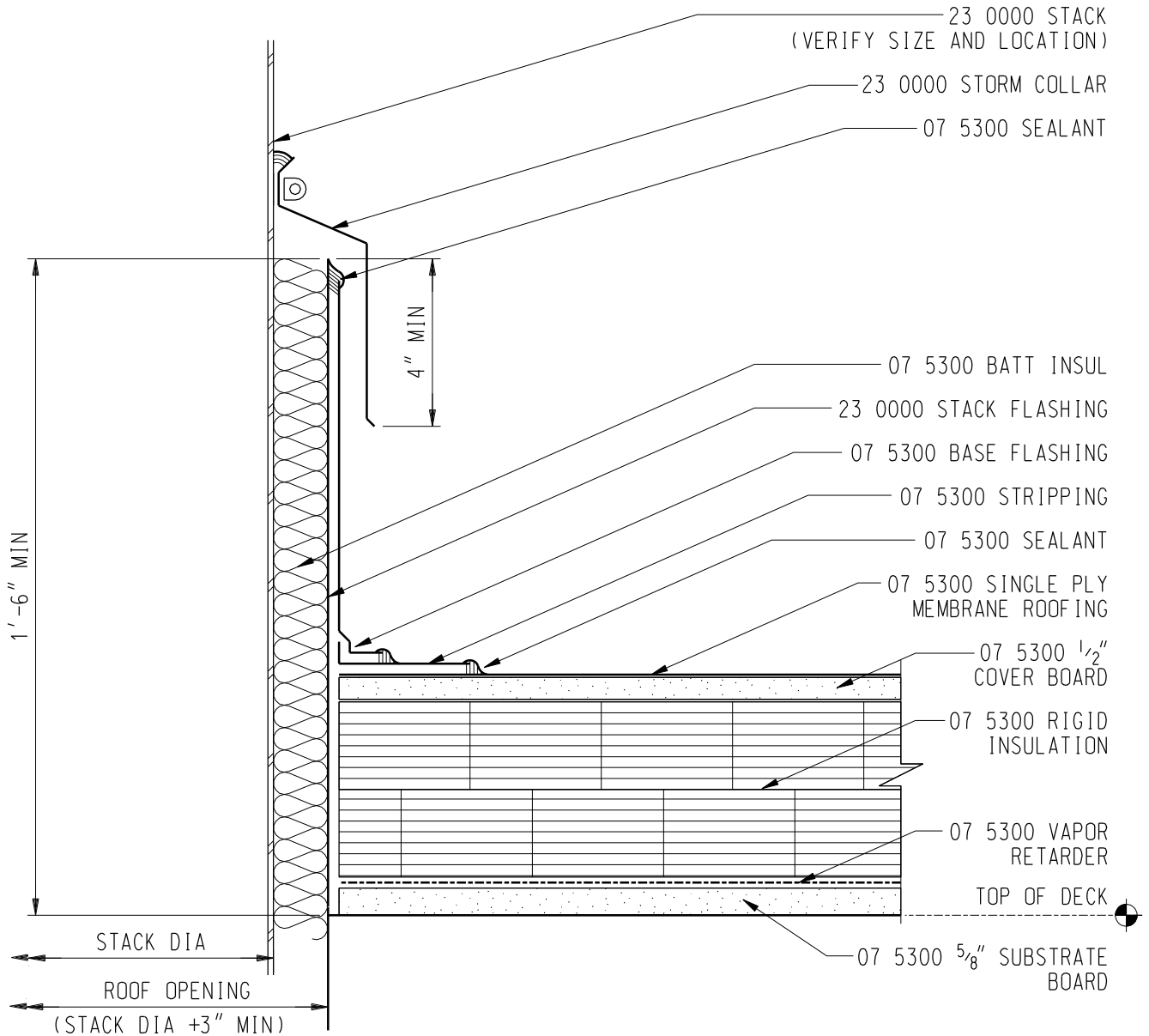
LOUVERED PENTHOUSE

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Notes / Instructions
 USE FOR PRESSURE RELEASE VENTS, FLUES, OR FUME HOODS
 EXHAUST, ETC.. SMALL DIAMETER VERIFY W/ MECHANICAL
 SHOW ON ROOF PLAN
 COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL
 COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
 "CARLISLE" FULLY ADHERED ROOFING

Standard Detail



STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Notes / Instructions
USE FOR BOILER OR GENERATOR STACKS ETC..

VERIFY WITH MECHANICAL

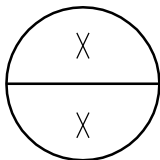
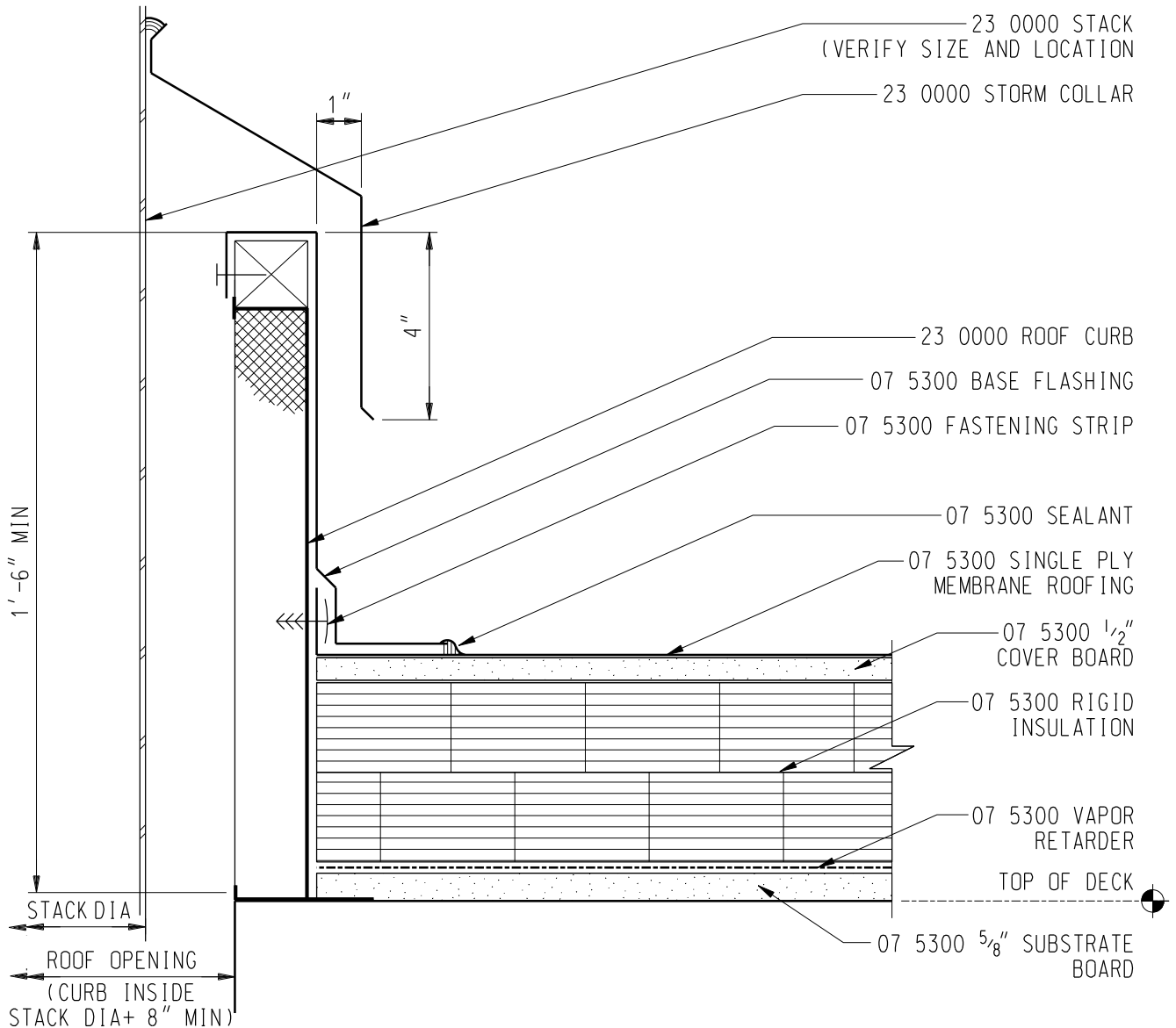
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



HIGH TEMPERATURE STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Cell Library

ARCH07.CEL

Cell Name

07658

Date

2019

Detail Number

07-658

Notes / Instructions
USE FOR BOILER OR GENERATOR STACKS ETC..

VERIFY WITH MECHANICAL

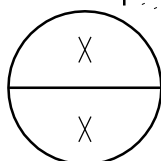
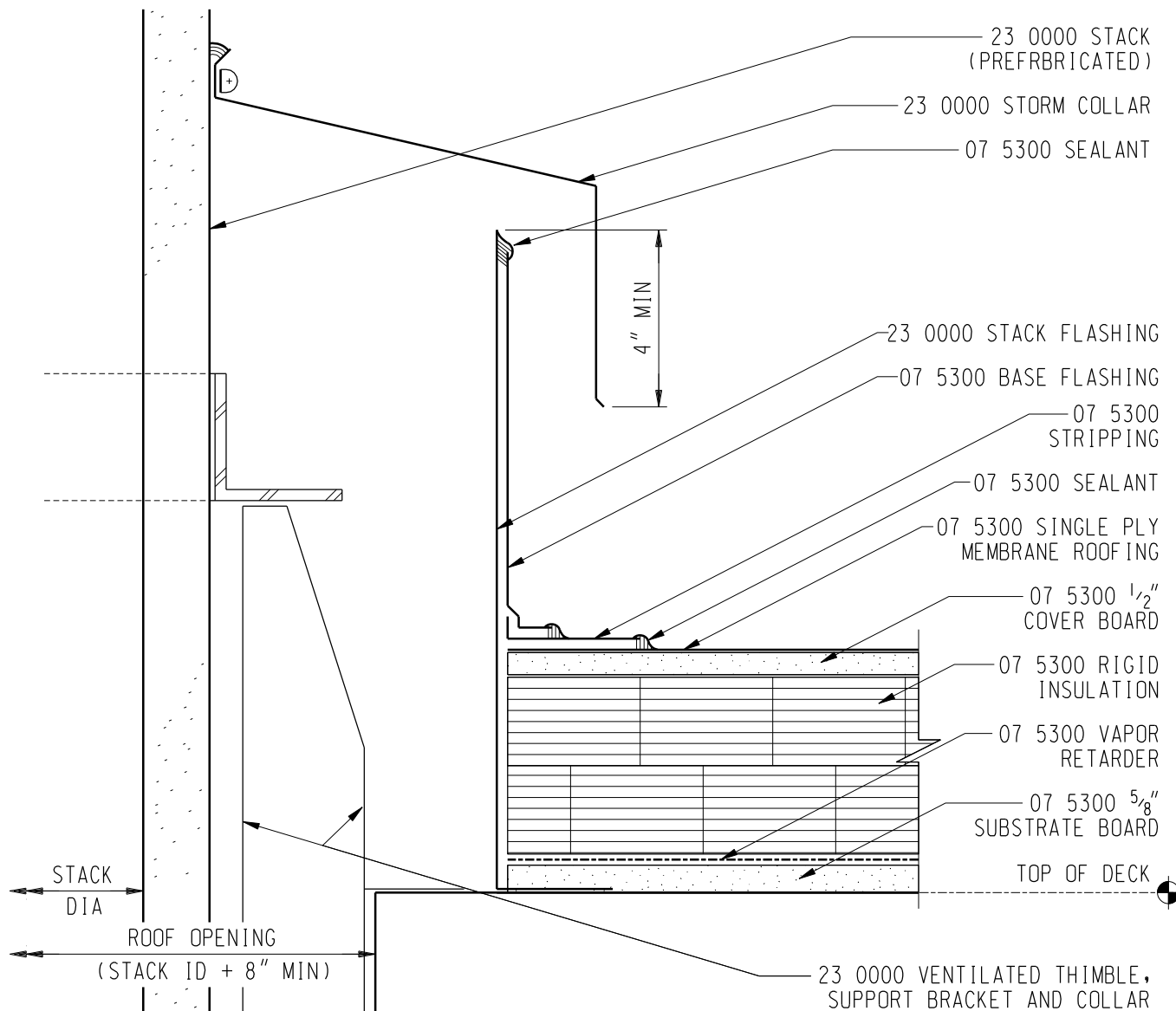
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



PREFABRICATED STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Notes / Instructions
USE FOR FUME HOOD EXHAUST, ETC... LARGE DIAMETER

VERIFY WITH MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

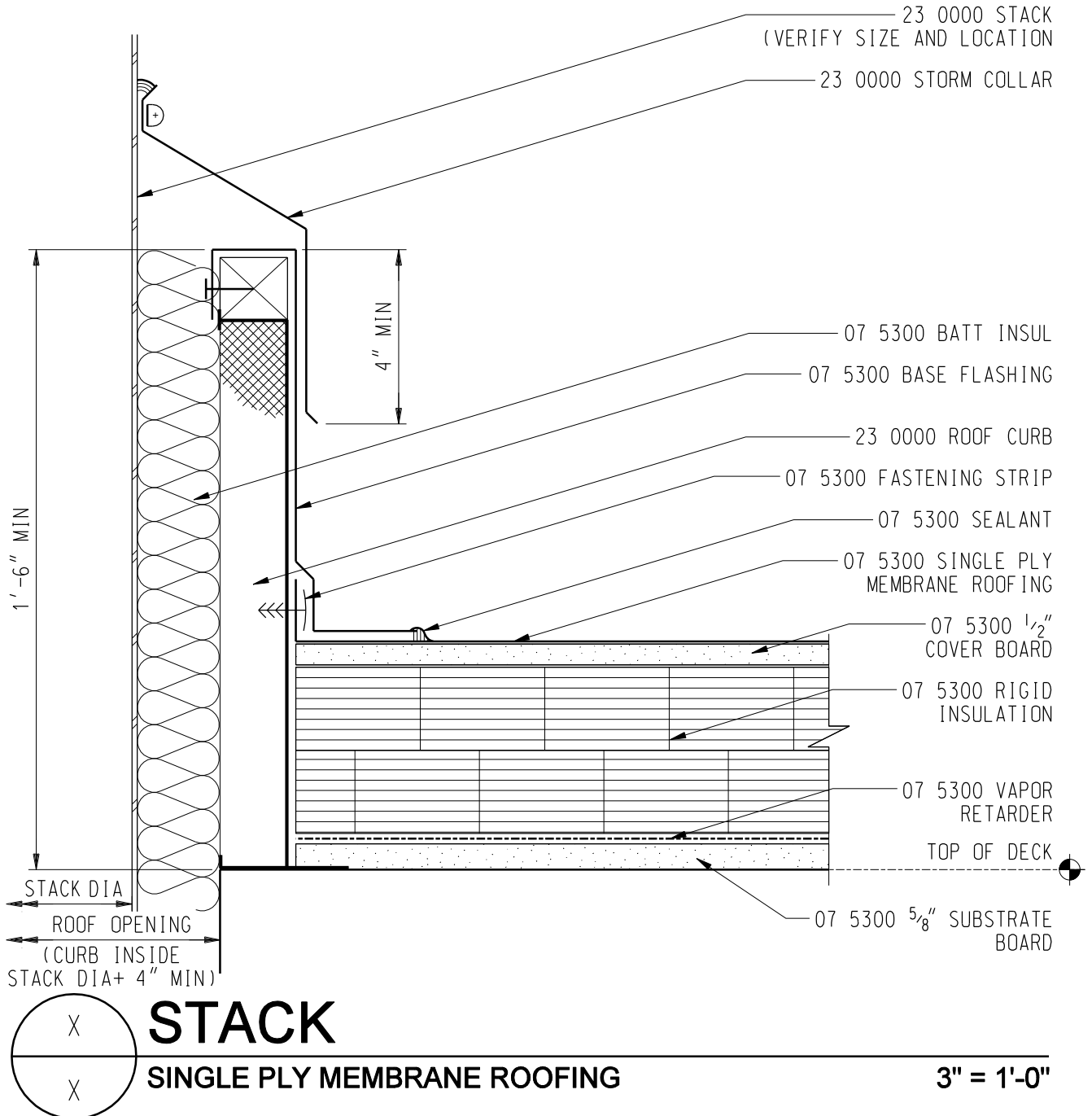
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

iD S

INTEGRATED design SOLUTIONS
architecture engineering interiors & technology

Standard Detail



Cell Library

ARCH07.CEL

Cell Name

07660

Date

2019

Detail Number

07-660

Notes / Instructions
USE TO SATISFY 2000 MICH BUILDING CODE OR

2000 IBC SECTION 1611.3

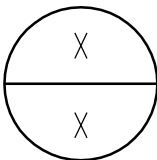
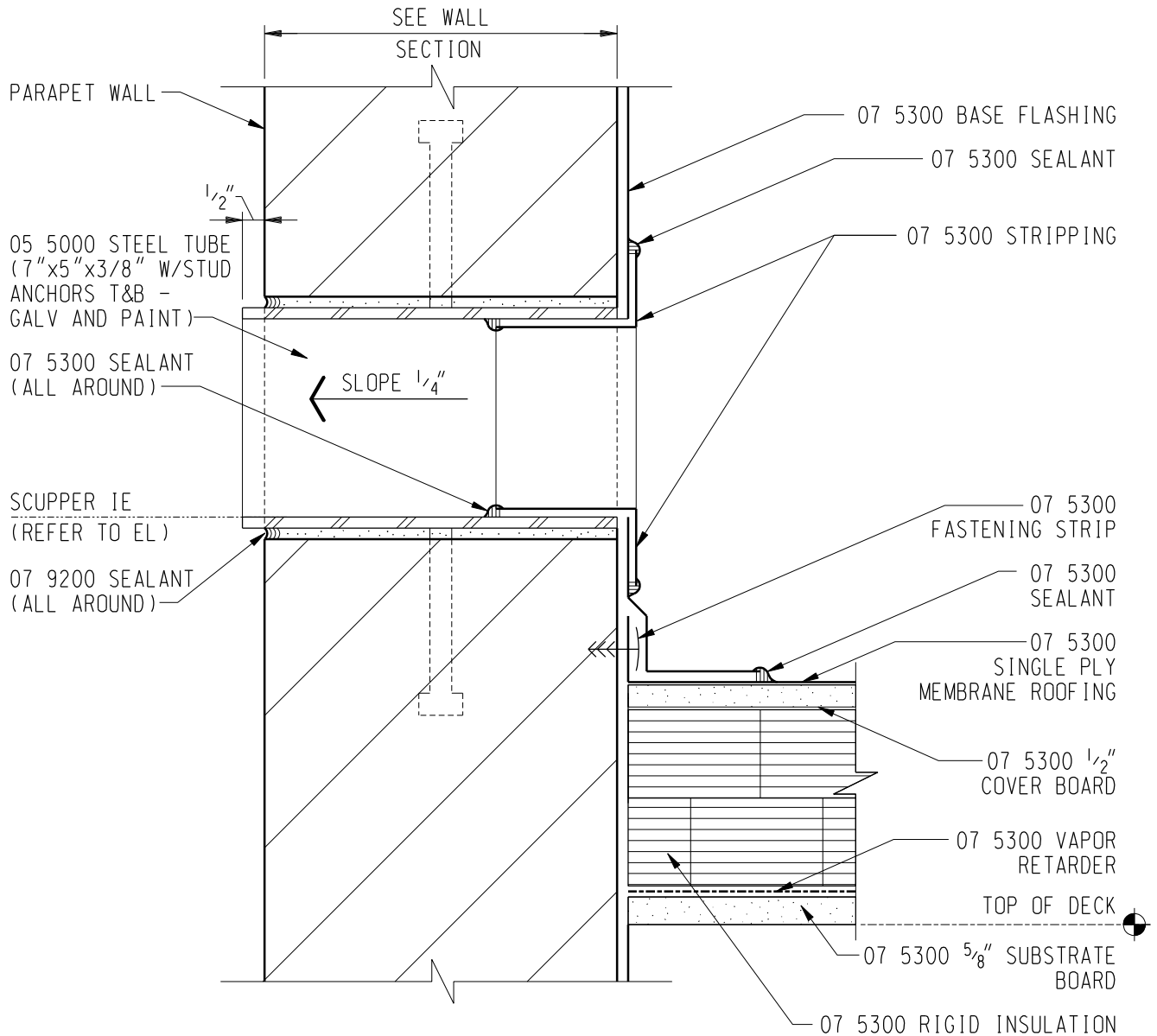
7" x 5" STEEL TUBE SIZED FOR MODULAR BRICK, CHANGE TO

8" x 4" FOR UTILITY BRICK

NOTE SCUPPER INVERT ELEV. (I.E.) ON EXTERIOR ELEVATIONS

"JOHNS MANVILLE" MECHANICALLY FASTENED

Standard Detail



OVERFLOW SCUPPER

SINGLE PLY MEMBRANE ROOFING

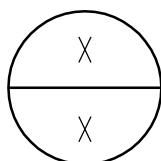
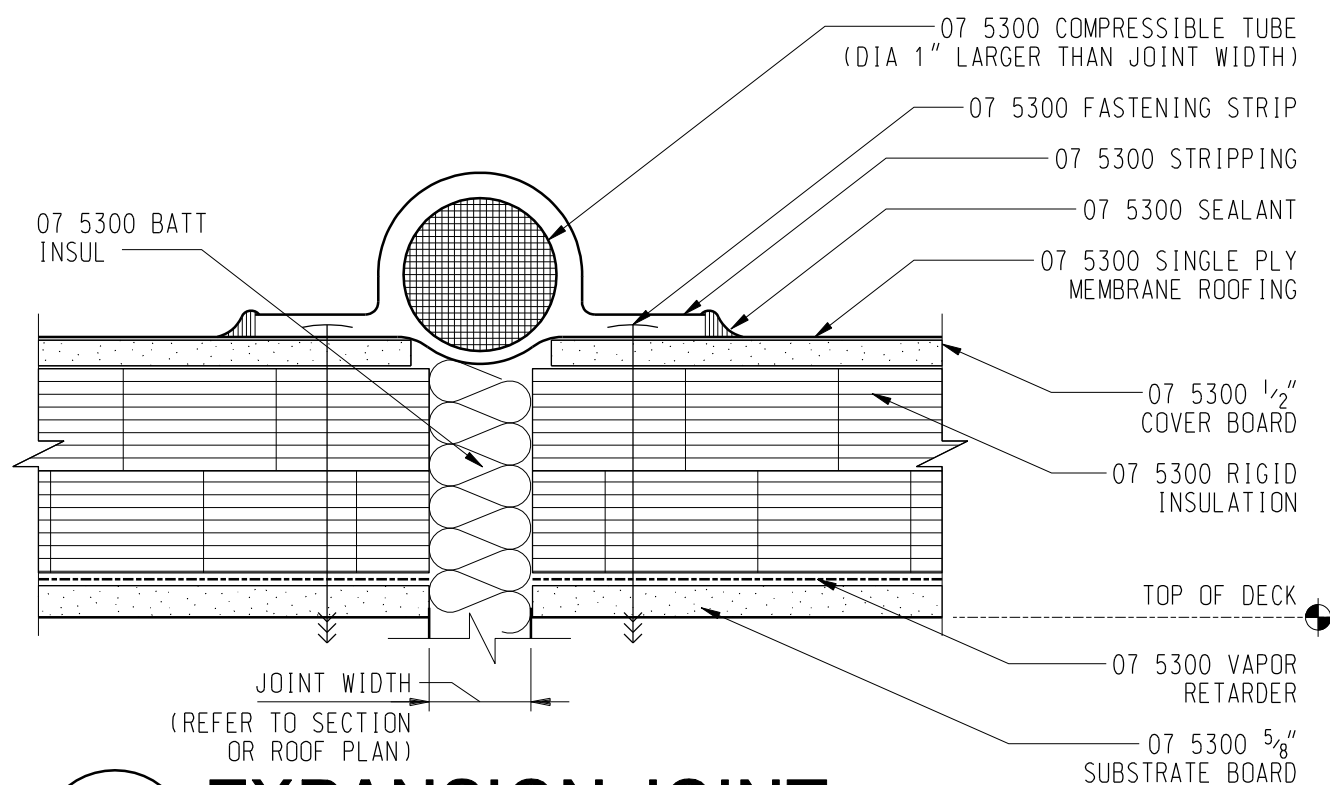
3" = 1'-0"

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN 12" MAX

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail

**EXPANSION JOINT**

SINGLE PLY MEMBRANE ROOFING

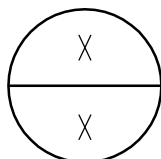
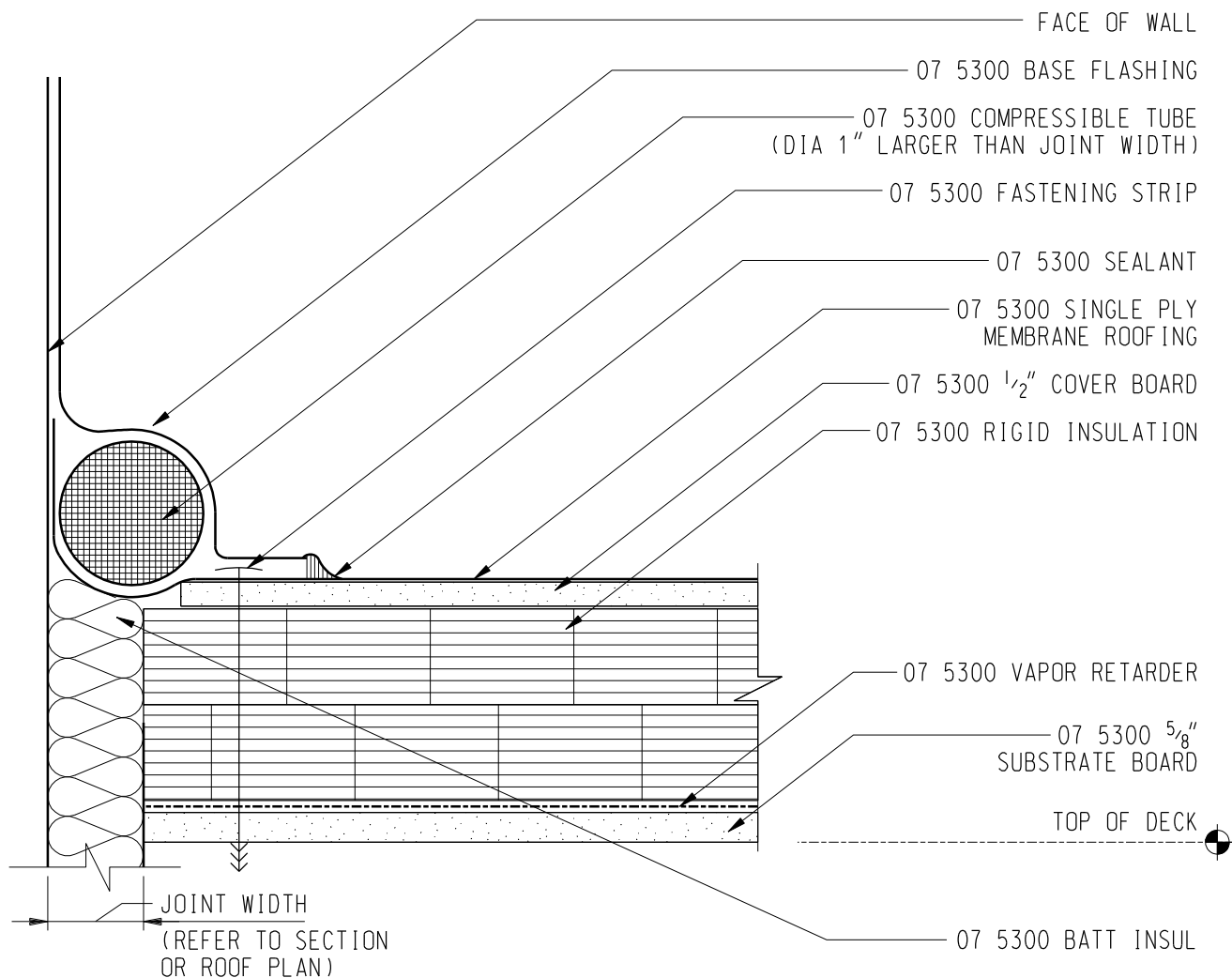
3" = 1'-0"

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN 12" MAX

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail

**EXPANSION JOINT AT WALL**

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

USE FOR MULTIPLE PIPE OR CONDUIT PENETRATIONS

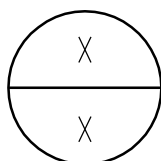
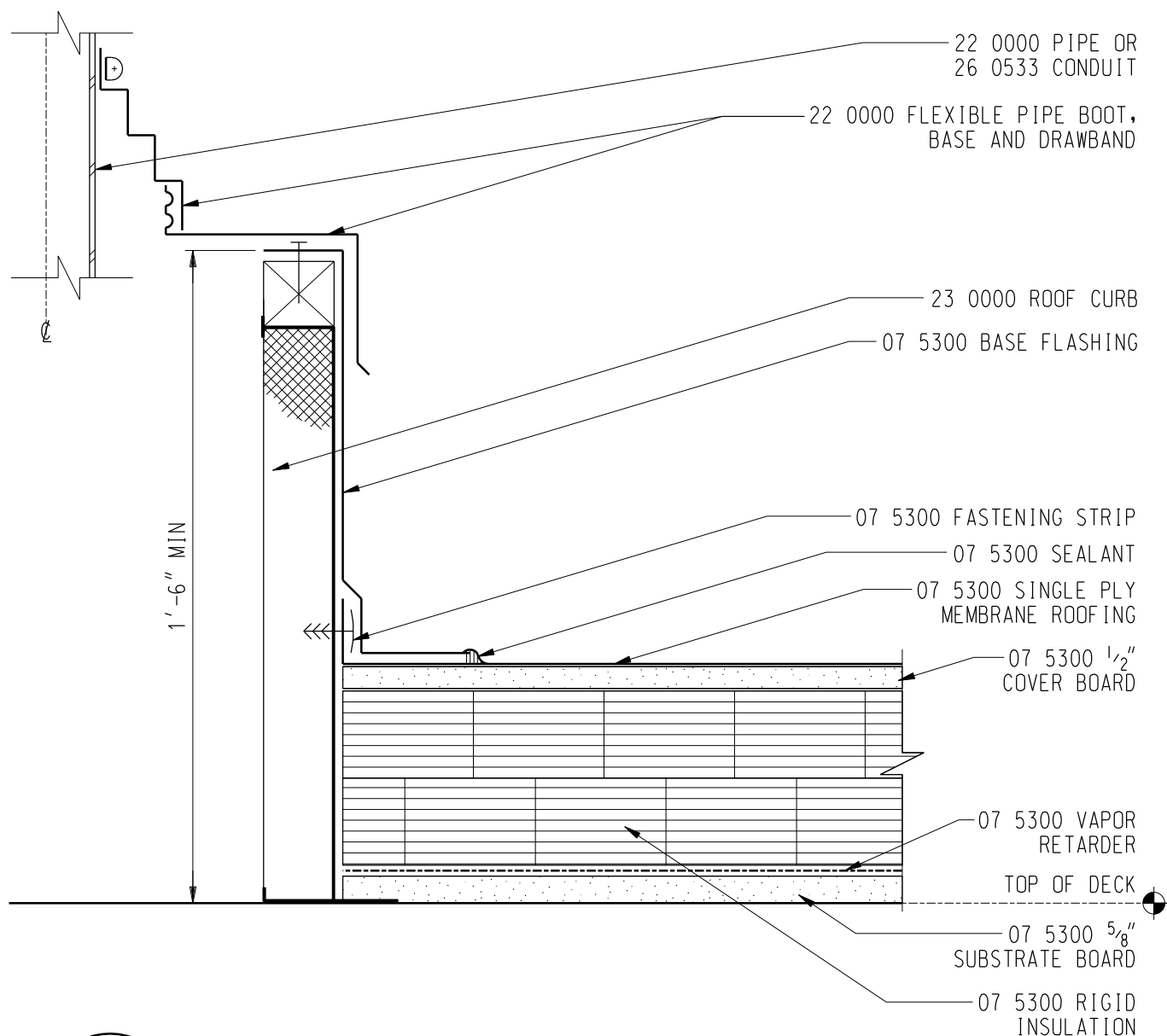
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



ROOF CURB W/PIPE BOOT

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

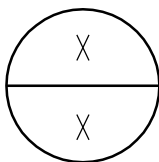
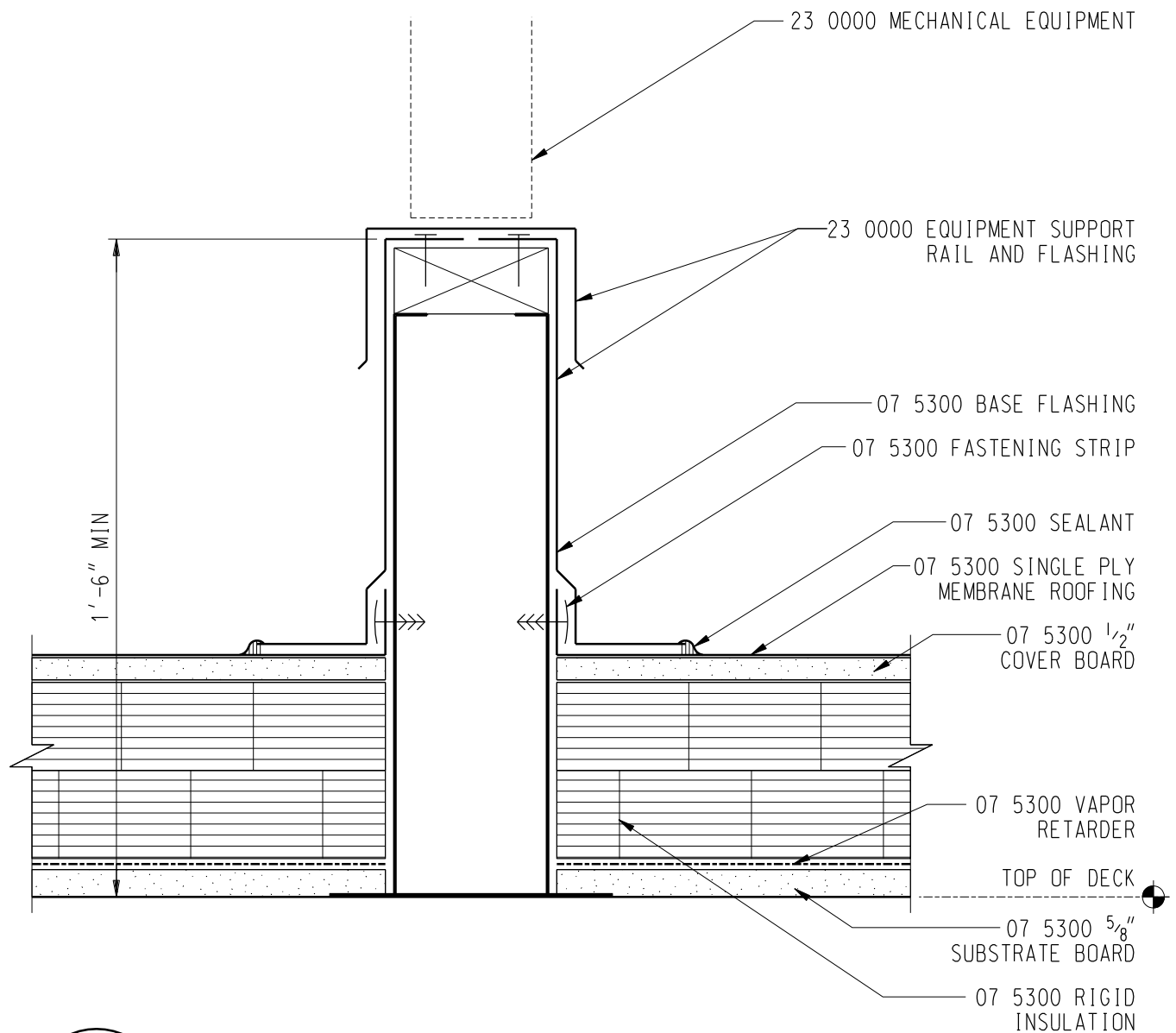
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



EQUIPMENT SUPPORT RAIL

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

USE FOR MECHANICAL SHEET METAL DUCTS

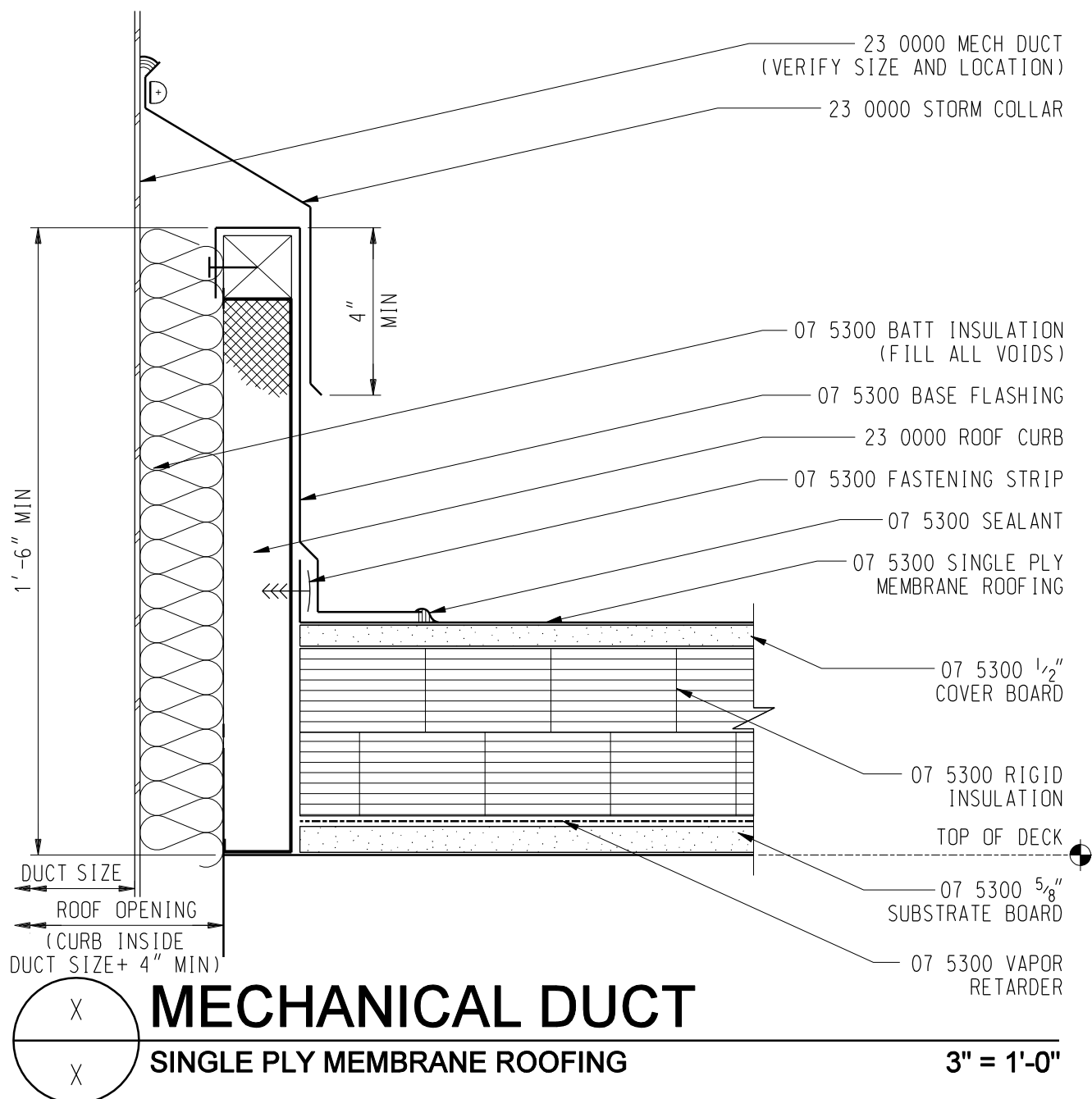
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



USE FOR MECHANICAL STEEL PIPE 6" TO 12" DIA

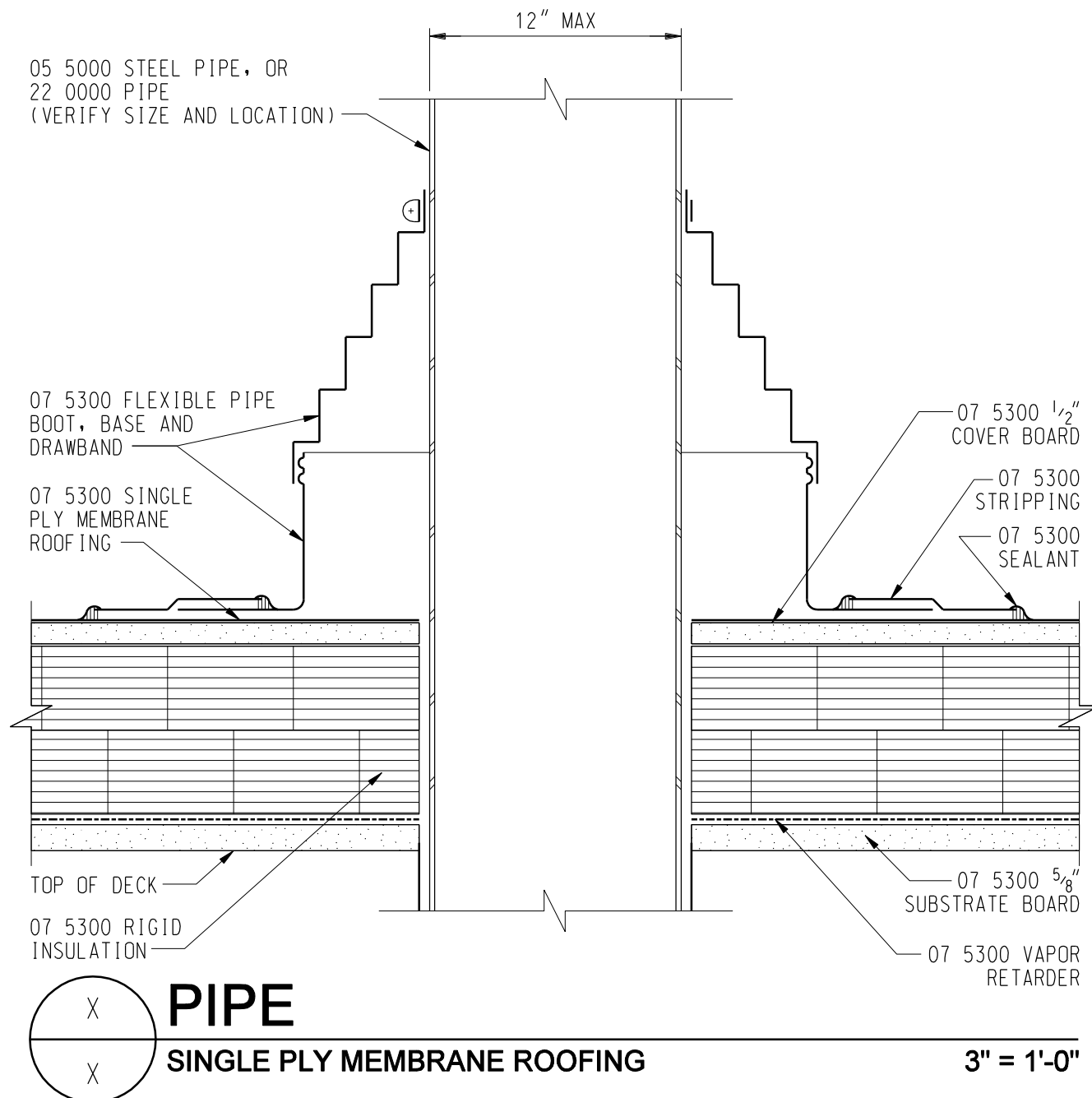
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

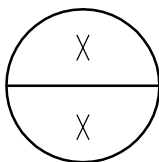
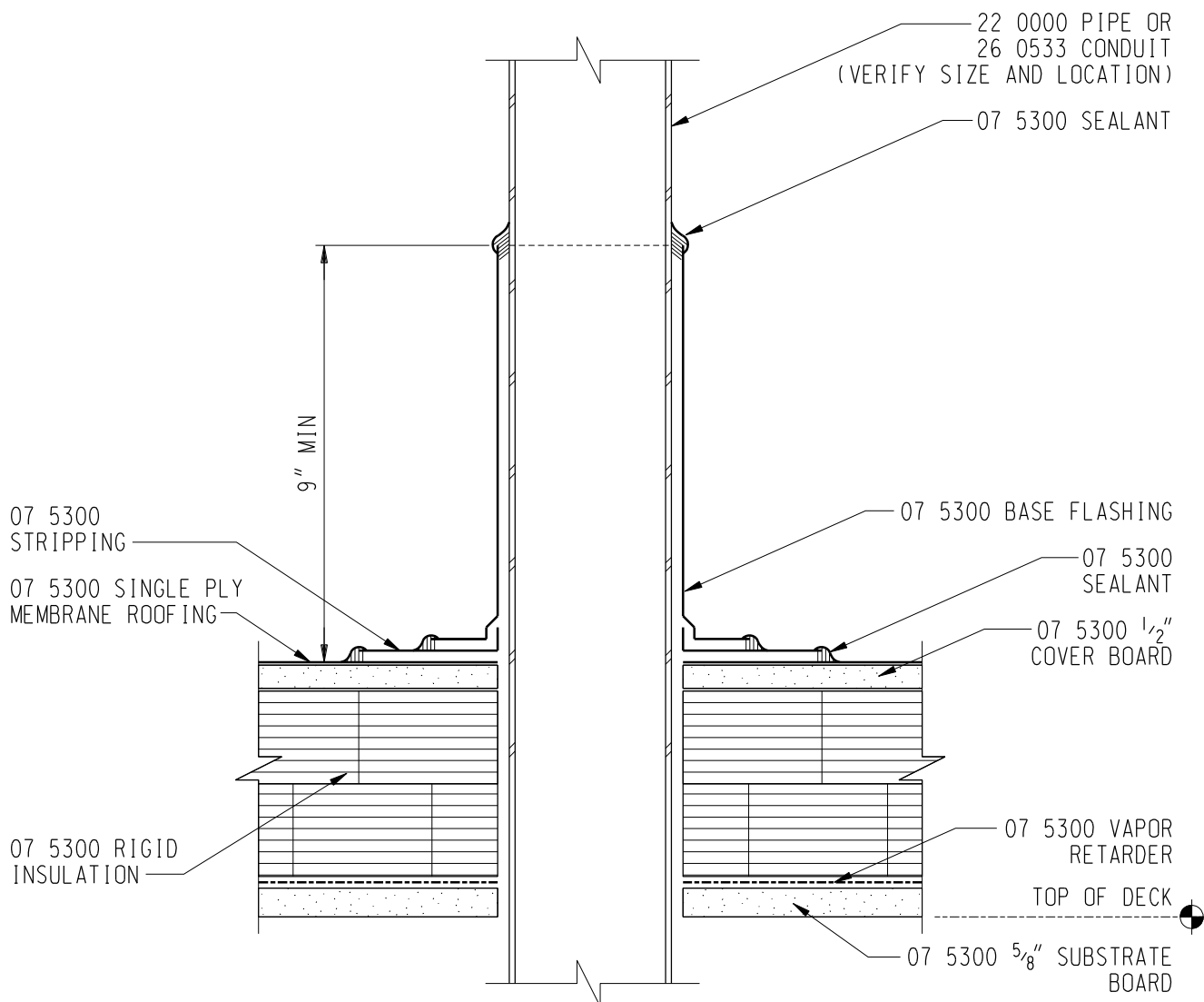
"CARLISLE" FULLY ADHERED ROOFING

Standard Detail



USE WHEN A FIELD FABRICATED SEAL IS NECESSARY FOR
 EXISTING MECHANICAL PIPES AND/OR ELECTRICAL CONDUITS
 OR WHEN PREMOLDED PIPE SLEEVE (DET 07-702) CAN NOT
 BE FIT OVER PIPE OR CONDUIT
 "CARLISLE" FULLY ADHERED ROOFING

Standard Detail

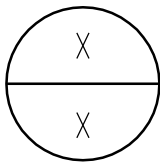


PIPE AND CONDUIT

SINGLE PLY MEMBRANE ROOFING

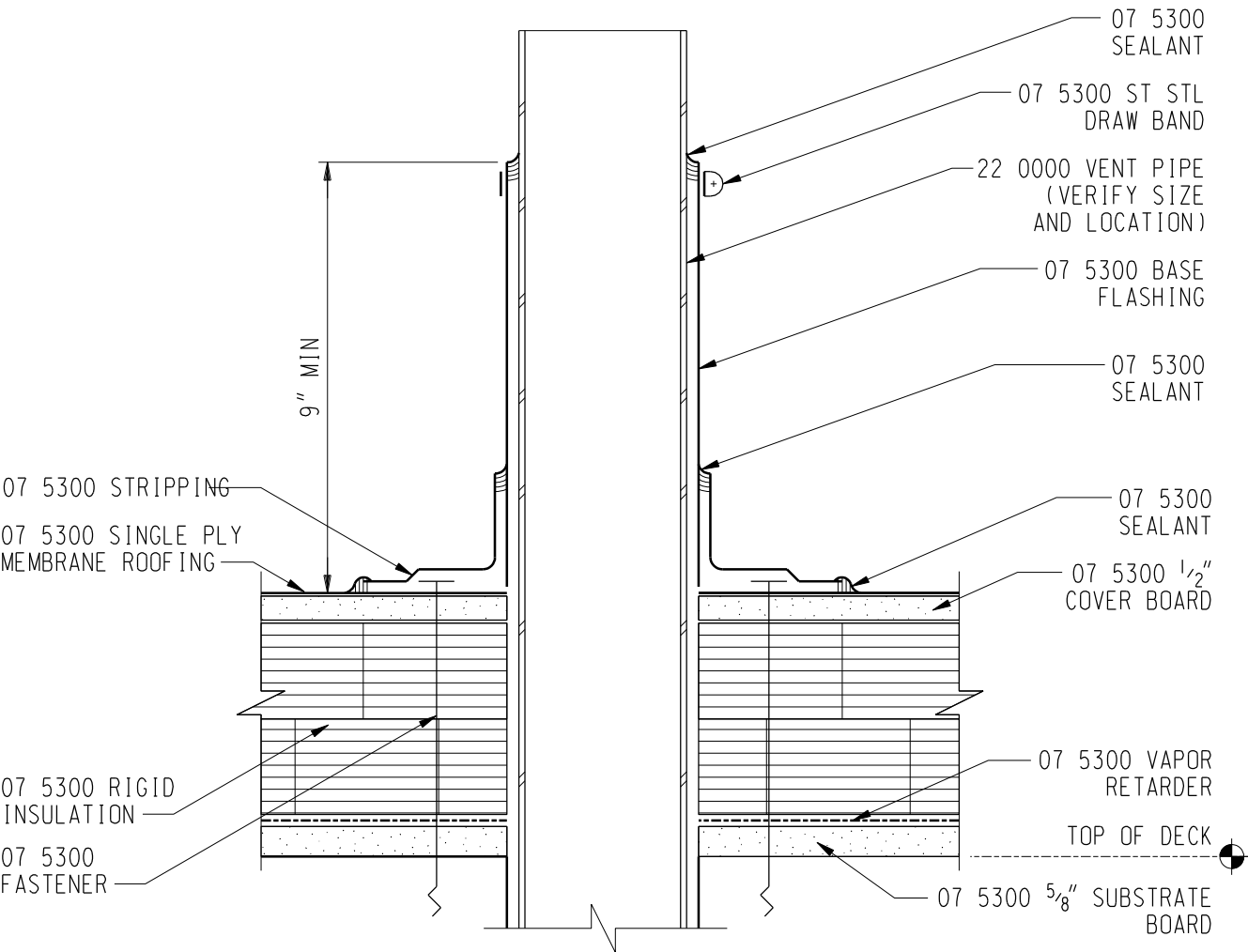
3" = 1'-0"

Standard Detail


$$\underline{\underline{3'' = 1'-0''}}$$

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

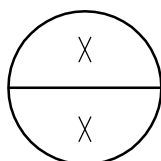
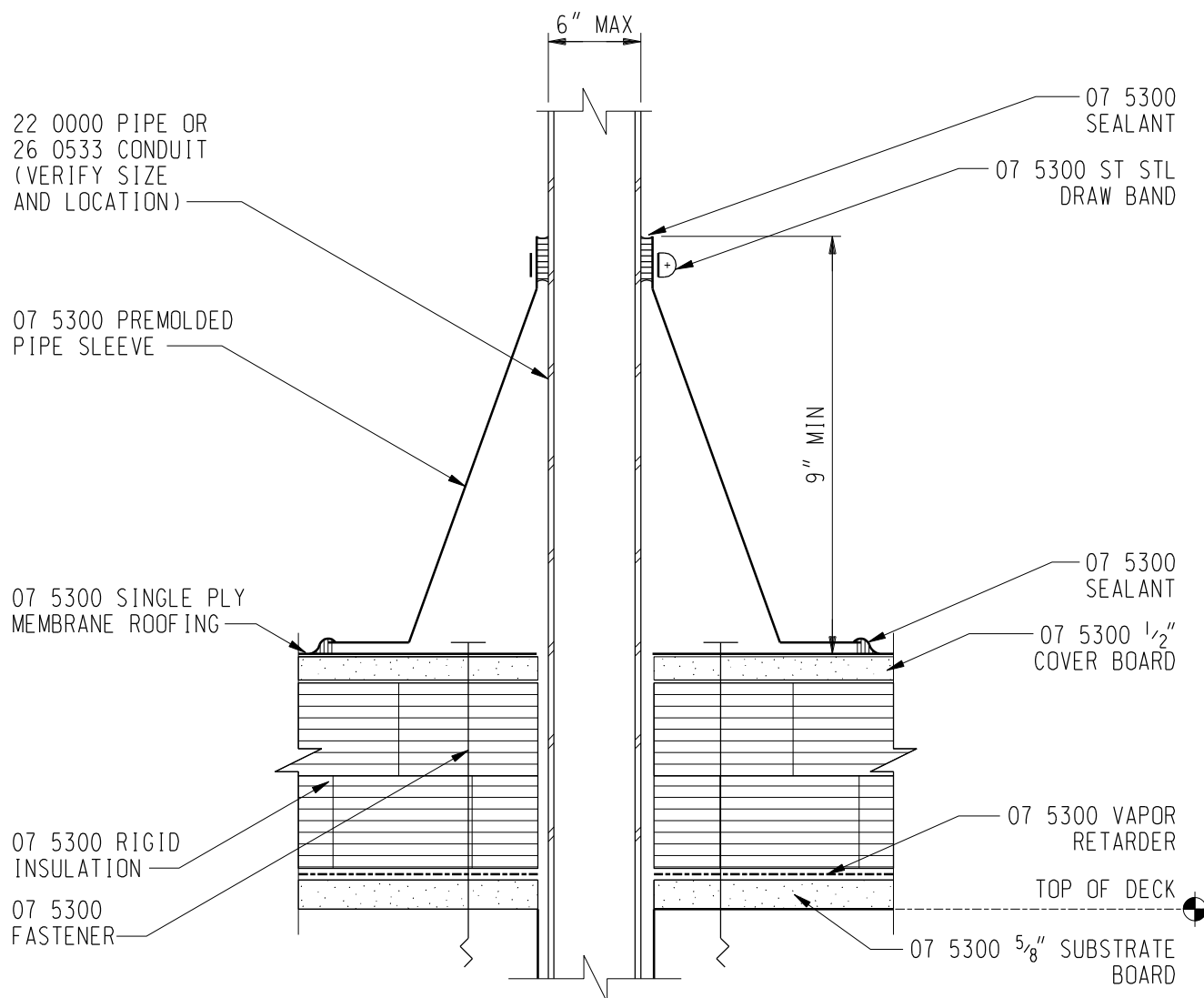
Standard Detail



TYPICAL VENT THRU ROOF
SINGLE PLY MEMBRANE ROOFING 3" = 1'-0"

VERIFY THAT PREMOLDED PIPE SLEEVE CAN BE INSTALLED
OVER PIPE OR CONDUIT. OTHERWISE USE DETAIL 07-718
"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



TYPICAL PIPE AND CONDUIT

SINGLE PLY MEMBRANE ROOFING

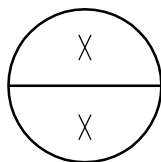
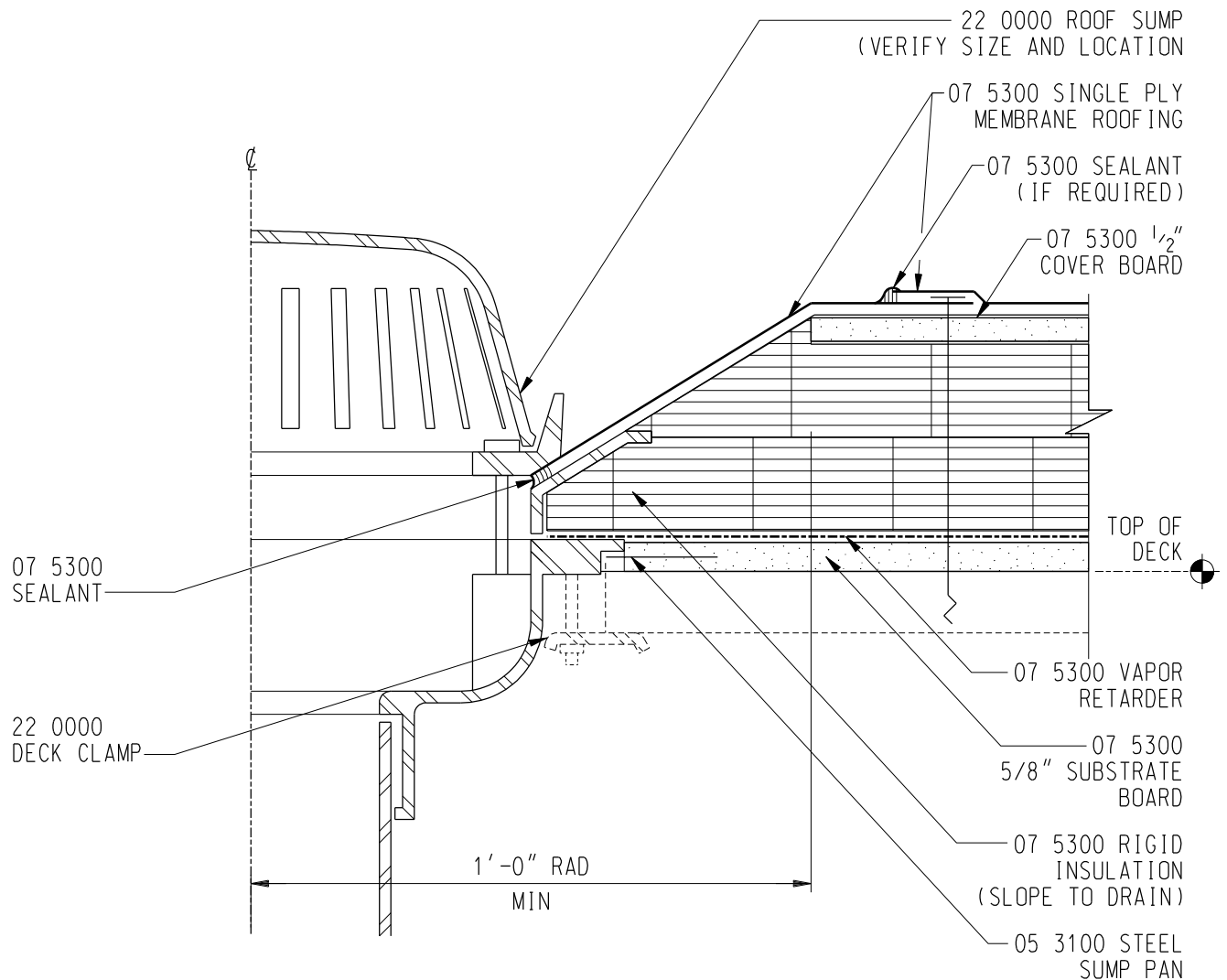
3" = 1'-0"

SHOW ON ROOF PLAN

COORDINATE WITH STRUCTURAL AND MECHANICAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



ROOF SUMP

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

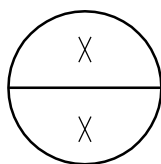
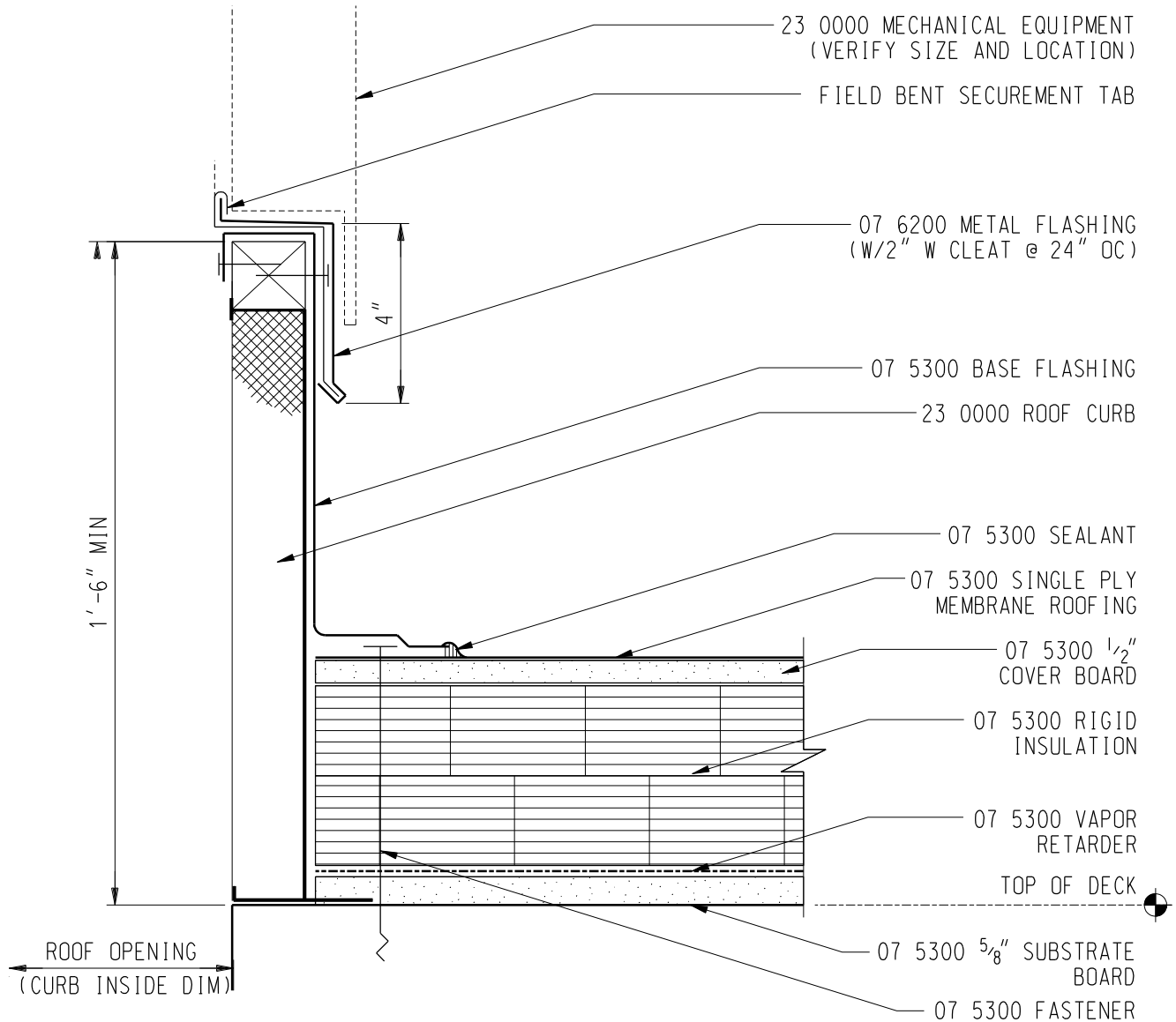
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



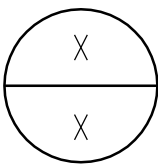
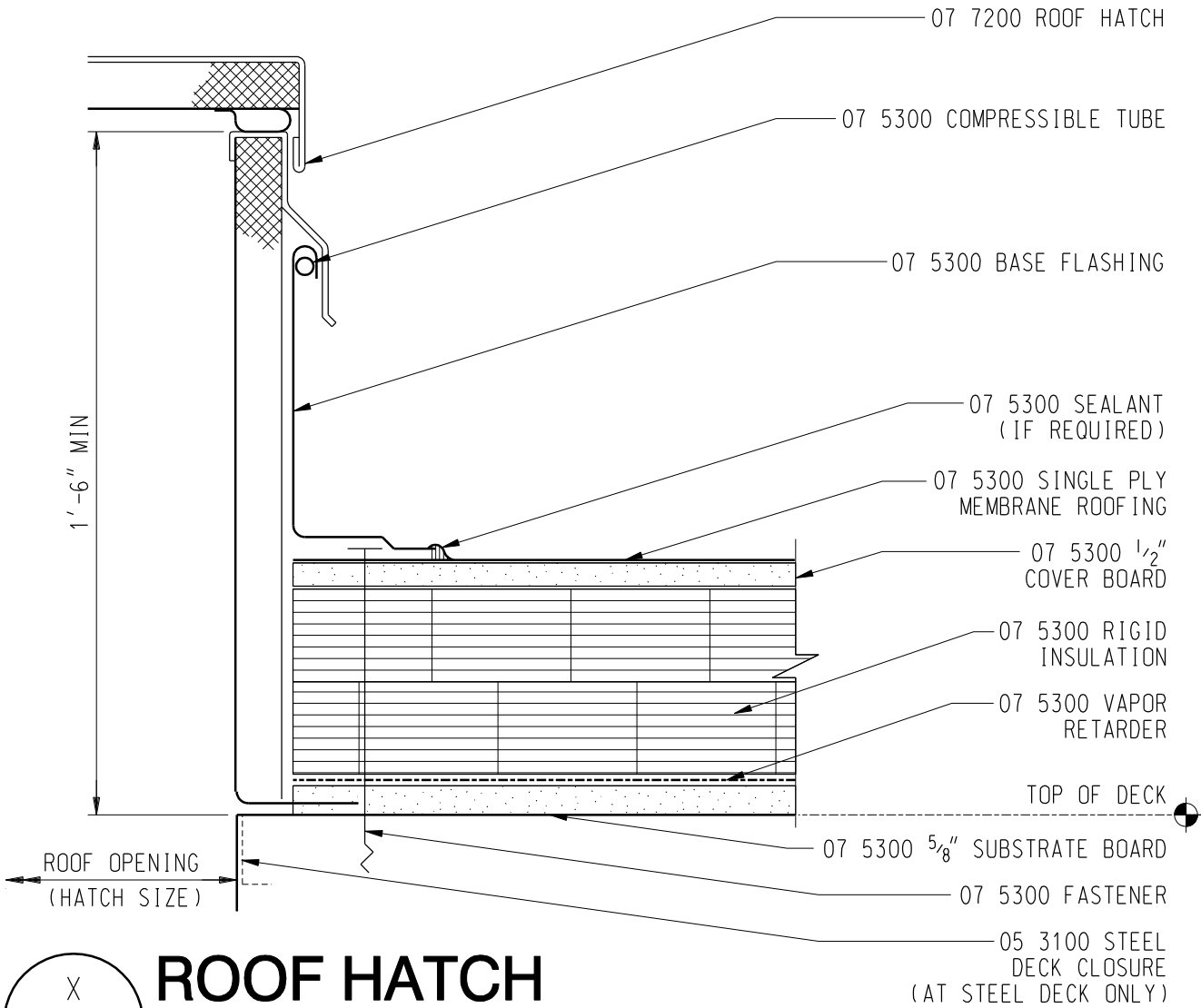
ROOF CURB

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

SHOW ON ROOF PLAN
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



ROOF HATCH

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

SHOW AND DIMENSION PENTHOUSE HEIGHT PLUS ROOF

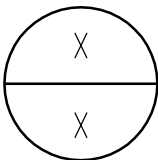
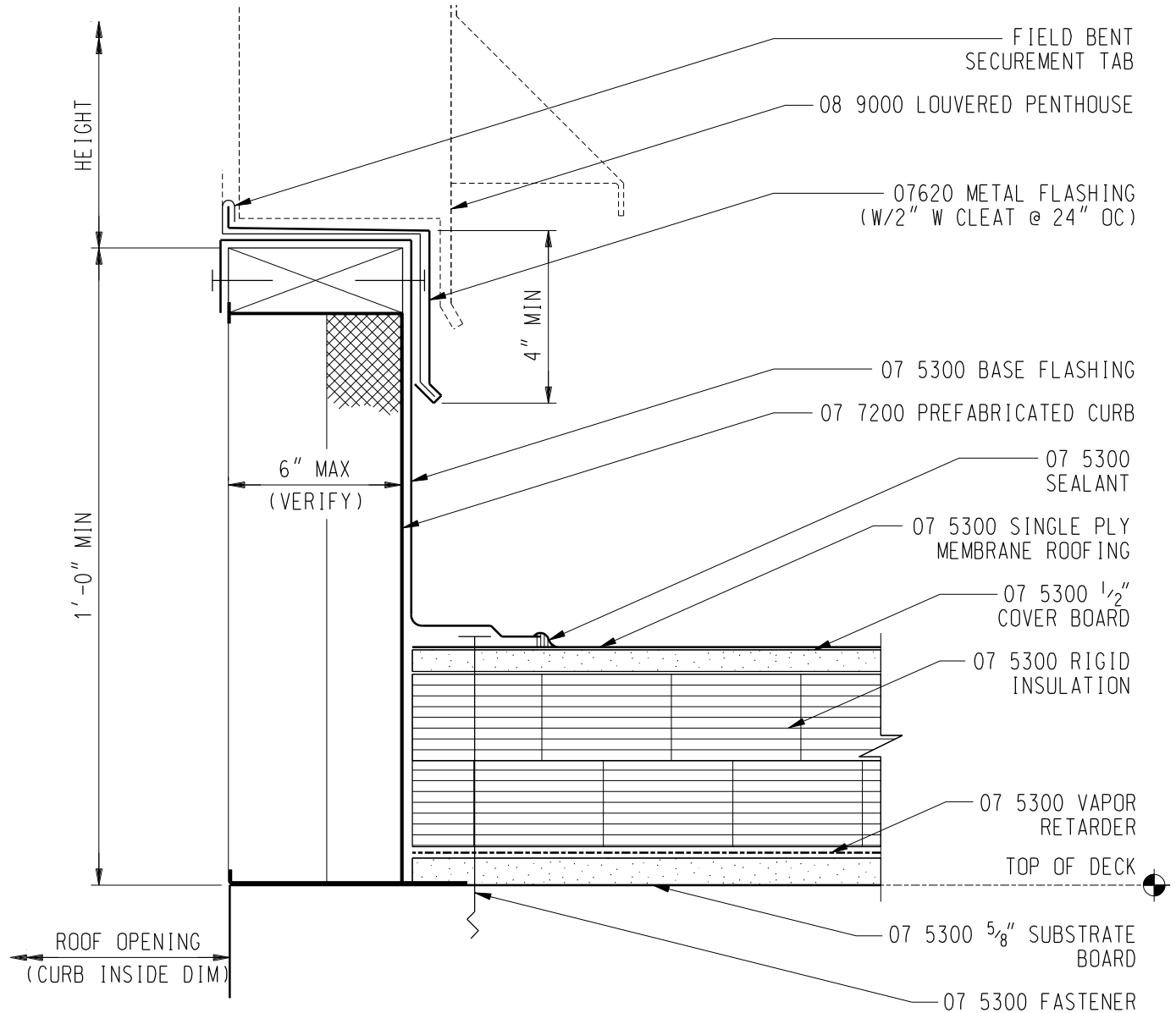
OPENING ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



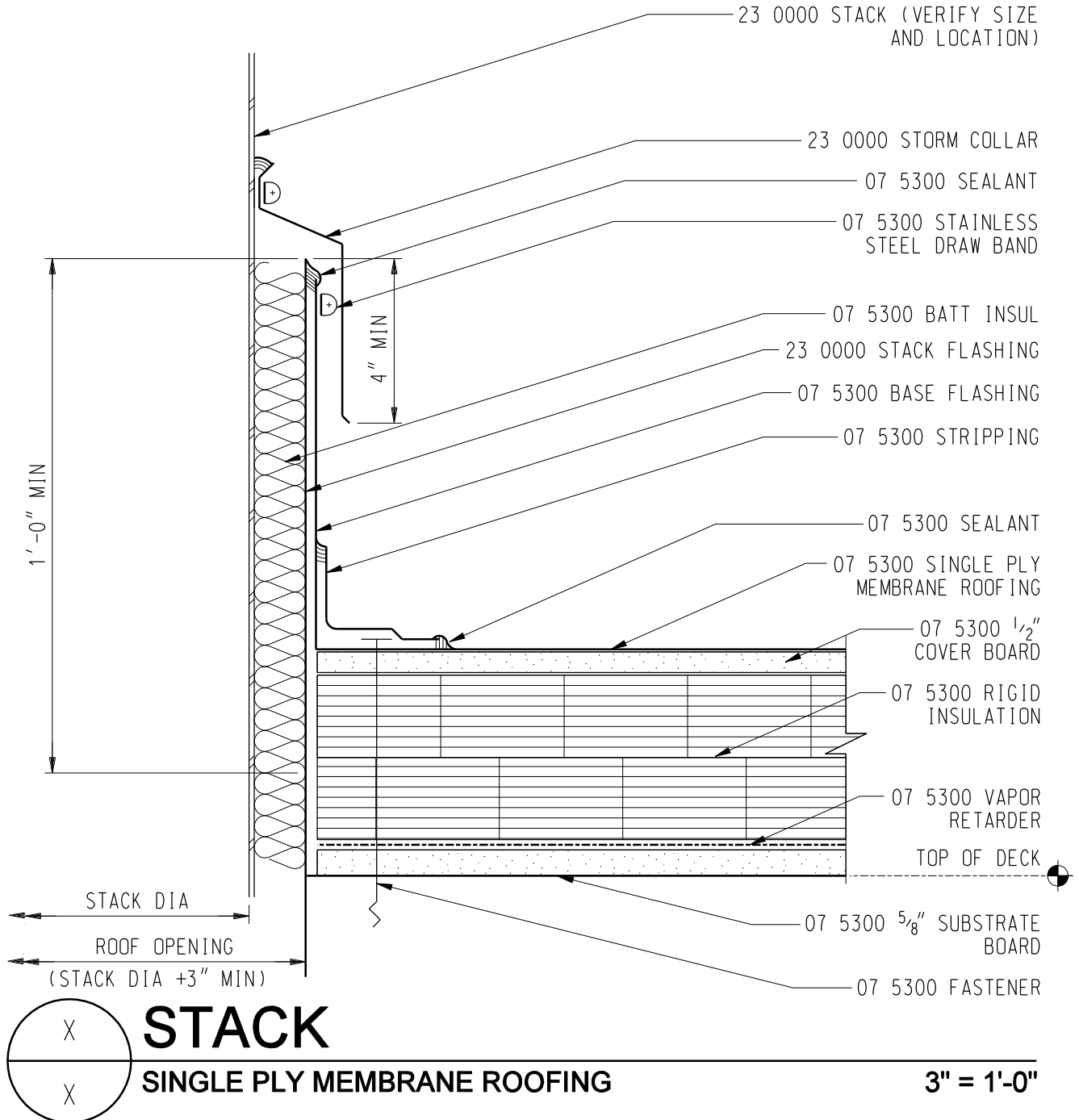
LOUVERED PENTHOUSE

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Notes / Instructions
 USE FOR PRESSURE RELEASE VENTS, FLUES, OR FUME HOODS
 EXHAUST, ETC.. SMALL DIAMETER VERIFY W/ MECHANICAL
 SHOW ON ROOF PLAN
 COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL
 COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
 "JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



Notes / Instructions
USE FOR BOILER OR GENERATOR STACKS ETC..

VERIFY WITH MECHANICAL

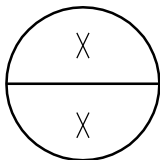
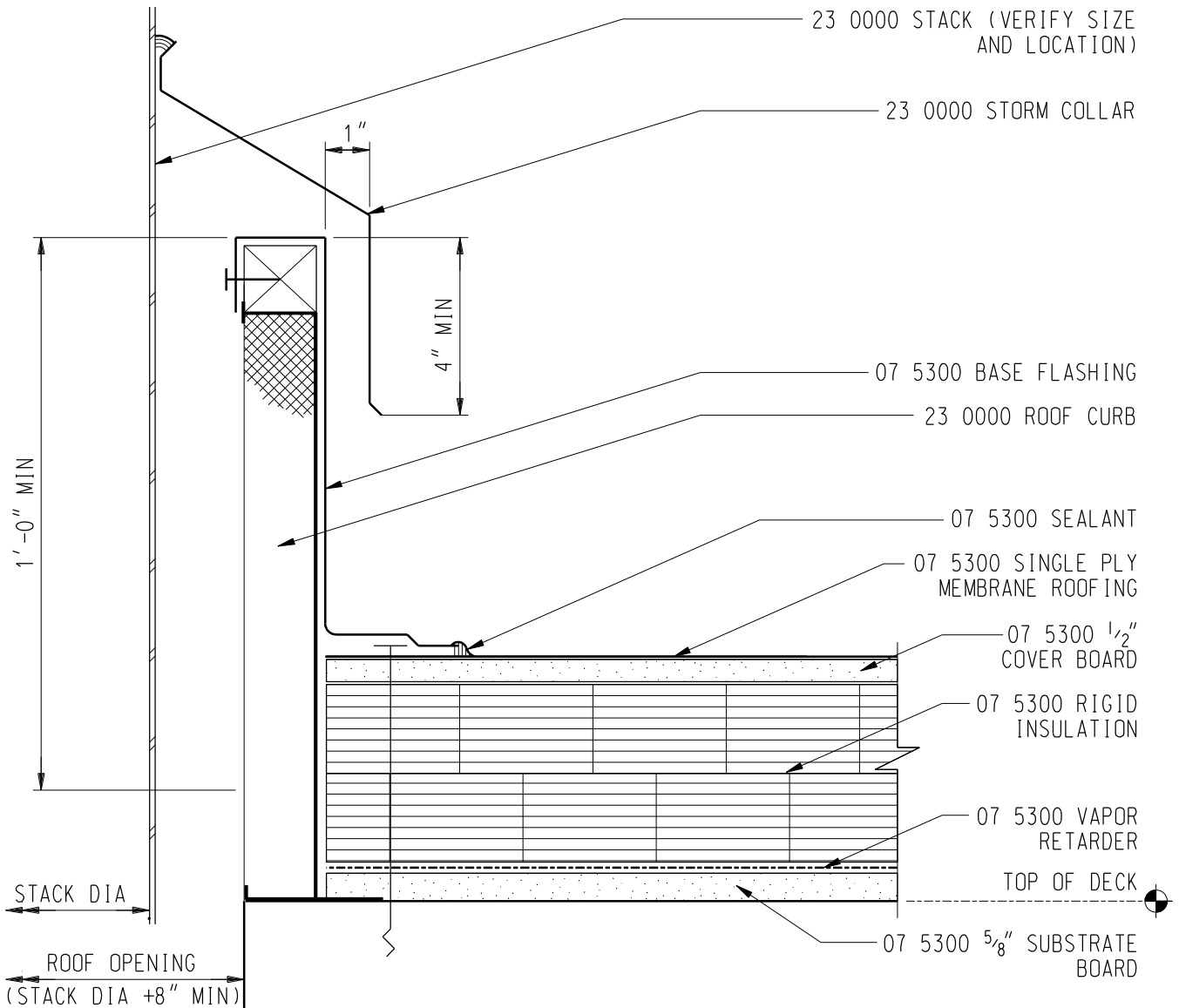
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



HIGH TEMPERATURE STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Notes / Instructions
USE FOR BOILER OR GENERATOR STACKS ETC..

VERIFY WITH MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

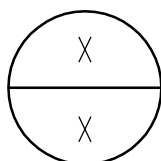
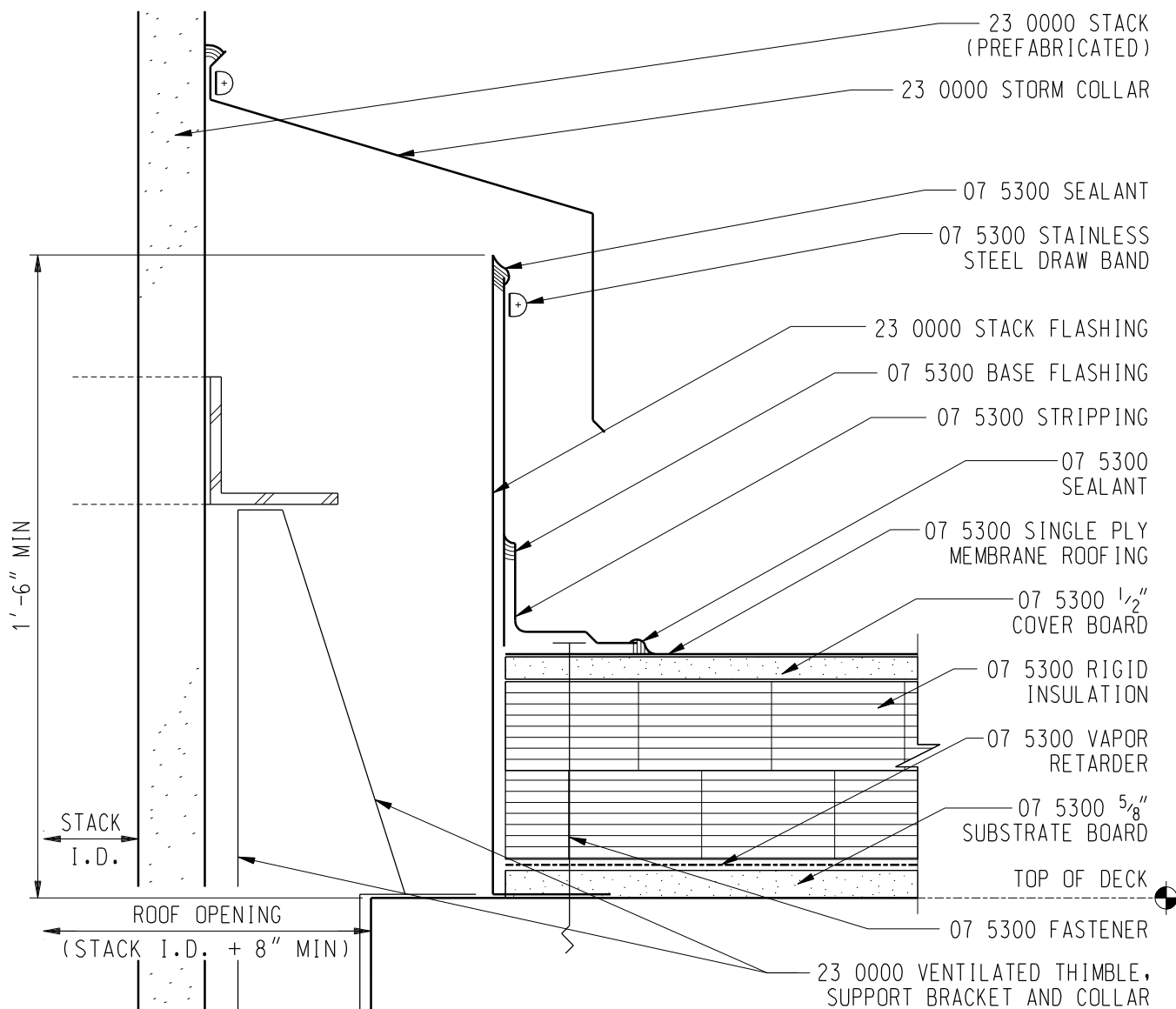
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

iDS

INTEGRATED design SOLUTIONS
architecture engineering interiors & technology

Standard Detail



PREFABRICATED STACK

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

Cell Library
ARCH07.CEL
Cell Name
07709

Date
2019

Detail Number
07-709

Notes / Instructions
USE FOR FUME HOOD EXHAUST, ETC... LARGE DIAMETER

VERIFY WITH MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

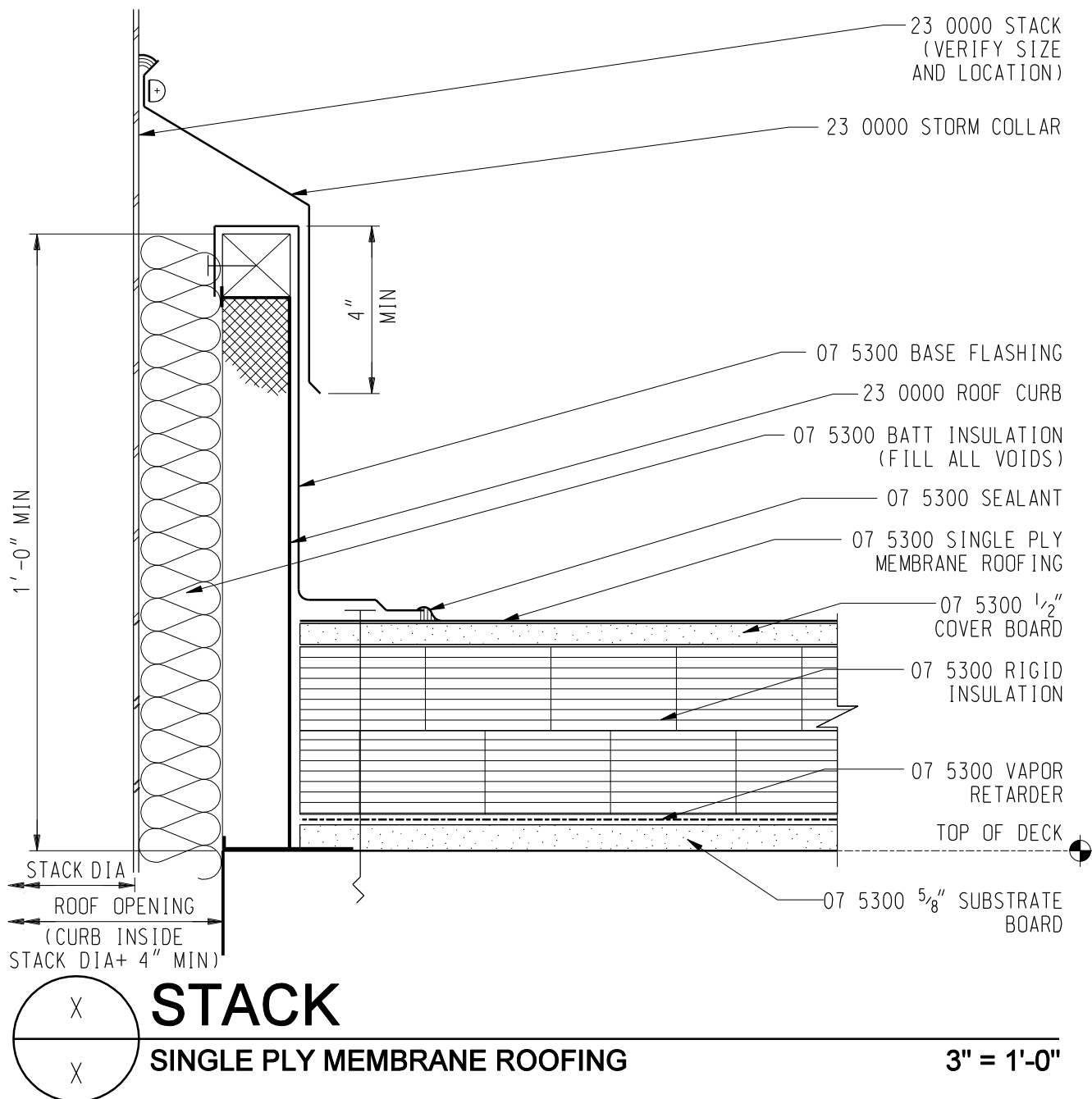
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

iD S

INTEGRATED design SOLUTIONS
architecture engineering interiors & technology

Standard Detail



Cell Library

ARCH07.CEL

Cell Name

07710

Date

2019

Detail Number

07-710

Notes / Instructions
USE TO SATISFY 2000 MICH BUILDING CODE OR

2000 IBC SECTION 1611.3

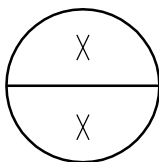
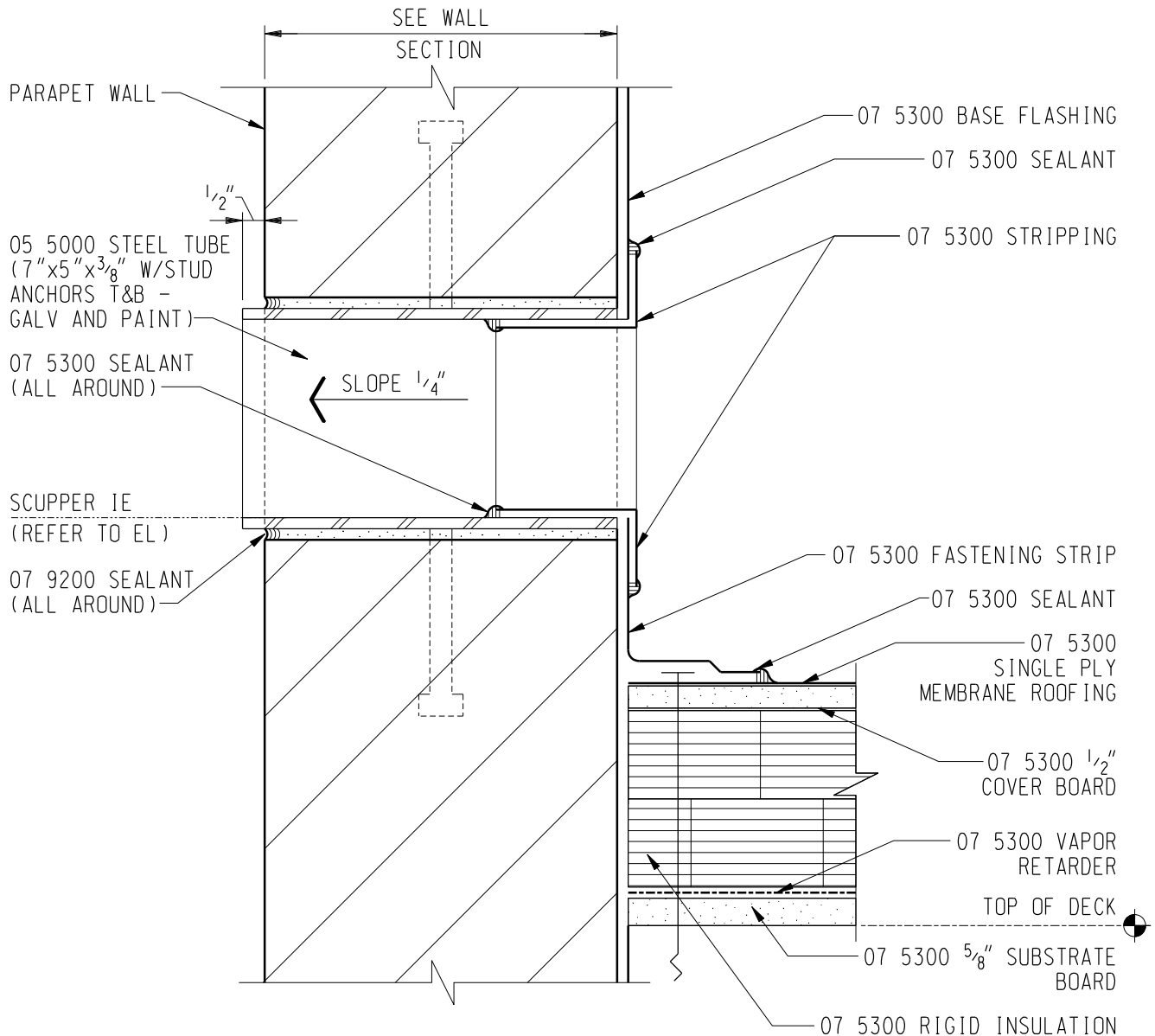
7" x 5" STEEL TUBE SIZED FOR MODULAR BRICK, CHANGE TO

8" x 4" FOR UTILITY BRICK

NOTE SCUPPER INVERT ELEV (I.E.) ON EXTERIOR ELEVATIONS

"JOHNS MANVILLE" MECHANICALLY FASTENED

Standard Detail



OVERFLOW SCUPPER

SINGLE PLY MEMBRANE ROOFING

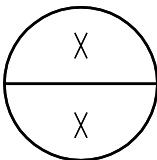
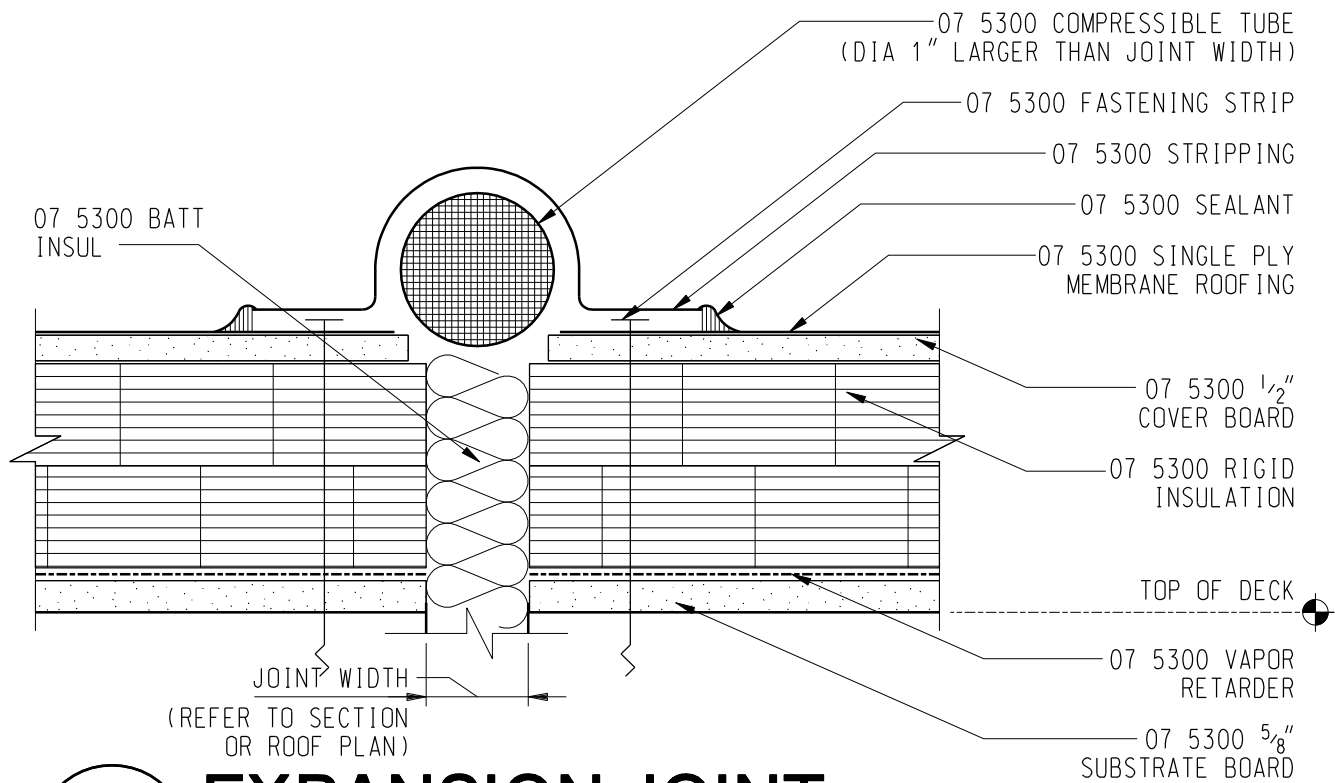
3" = 1'-0"

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN 12" MAX

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



EXPANSION JOINT

SINGLE PLY MEMBRANE ROOFING

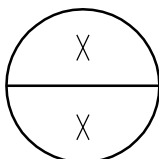
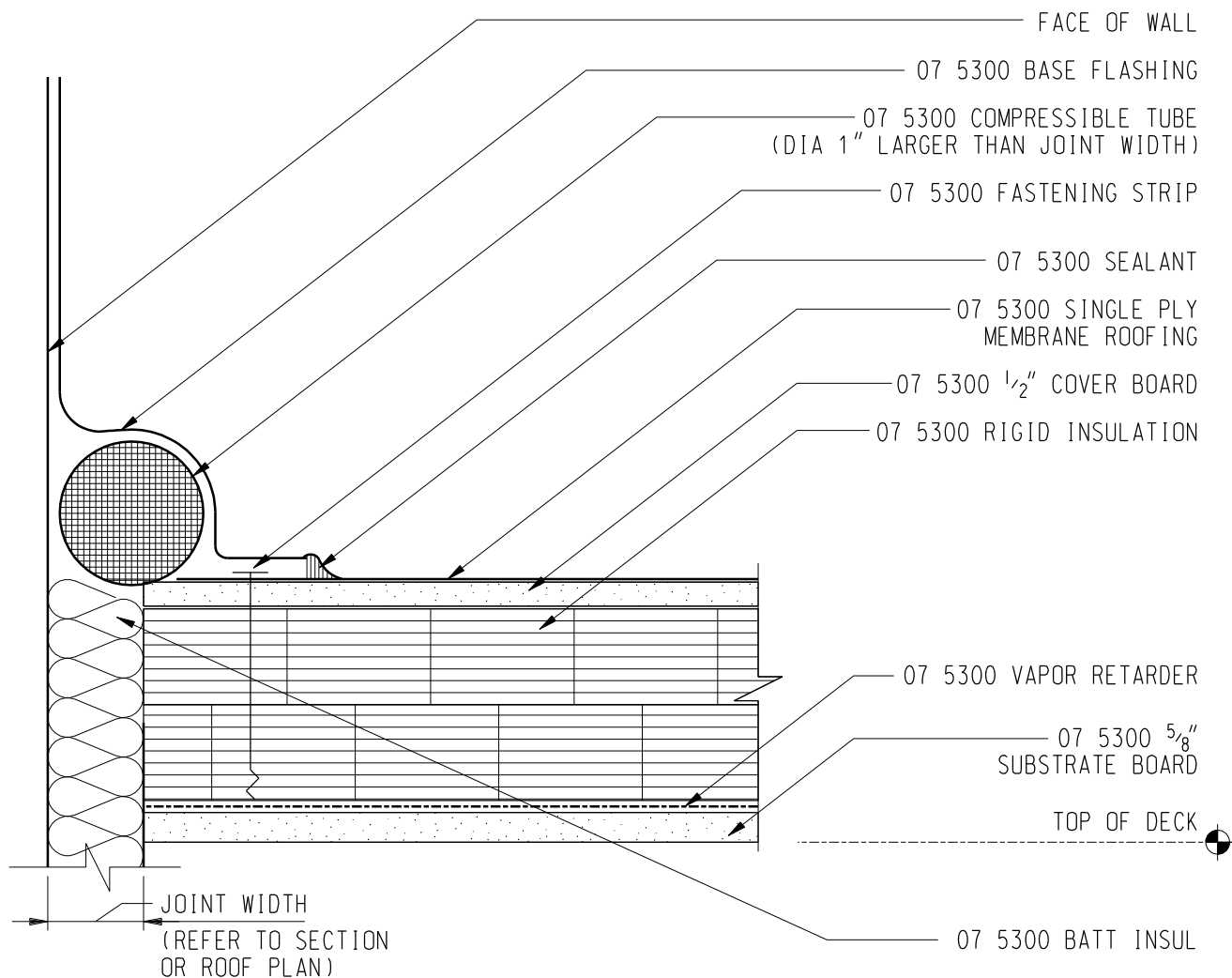
3" = 1'-0"

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN 12" MAX

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



EXPANSION JOINT AT WALL

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

USE FOR MULTIPLE PIPE OR CONDUIT PENETRATIONS

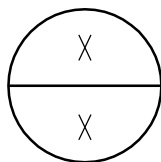
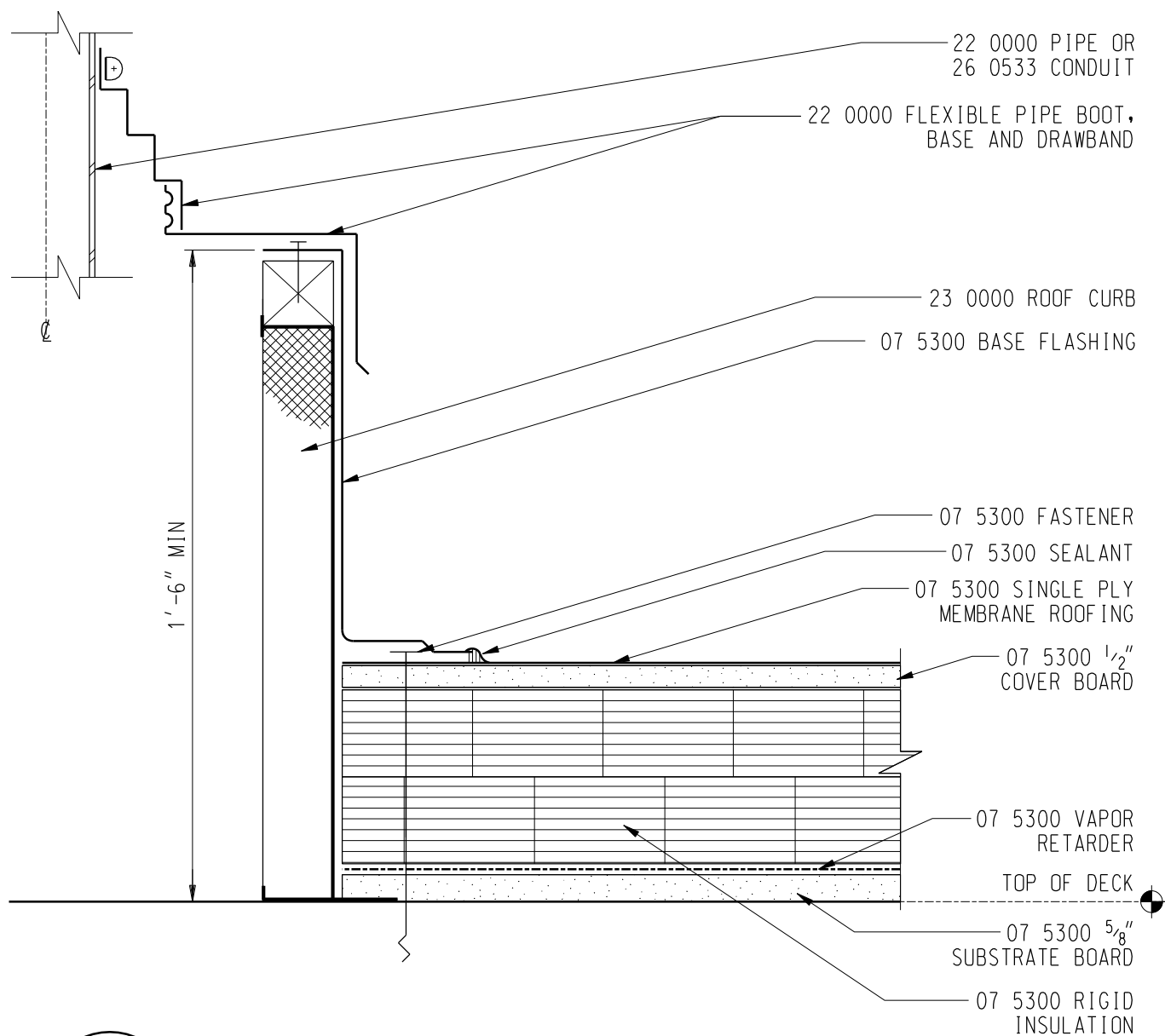
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



ROOF CURB W/PIPE BOOT

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

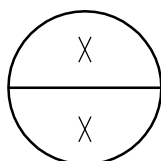
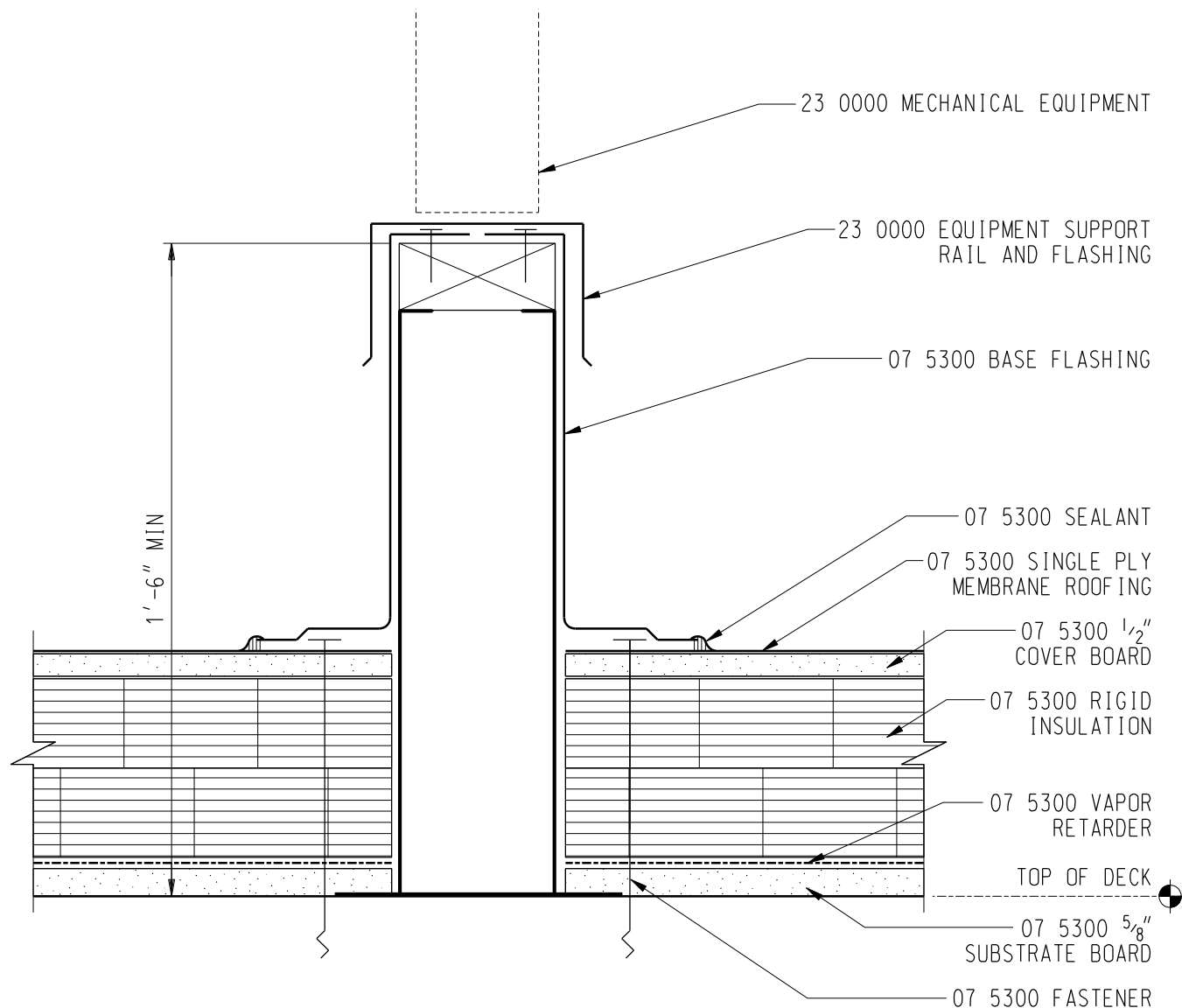
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



EQUIPMENT SUPPORT RAIL

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

USE FOR MECHANICAL SHEET METAL DUCTS

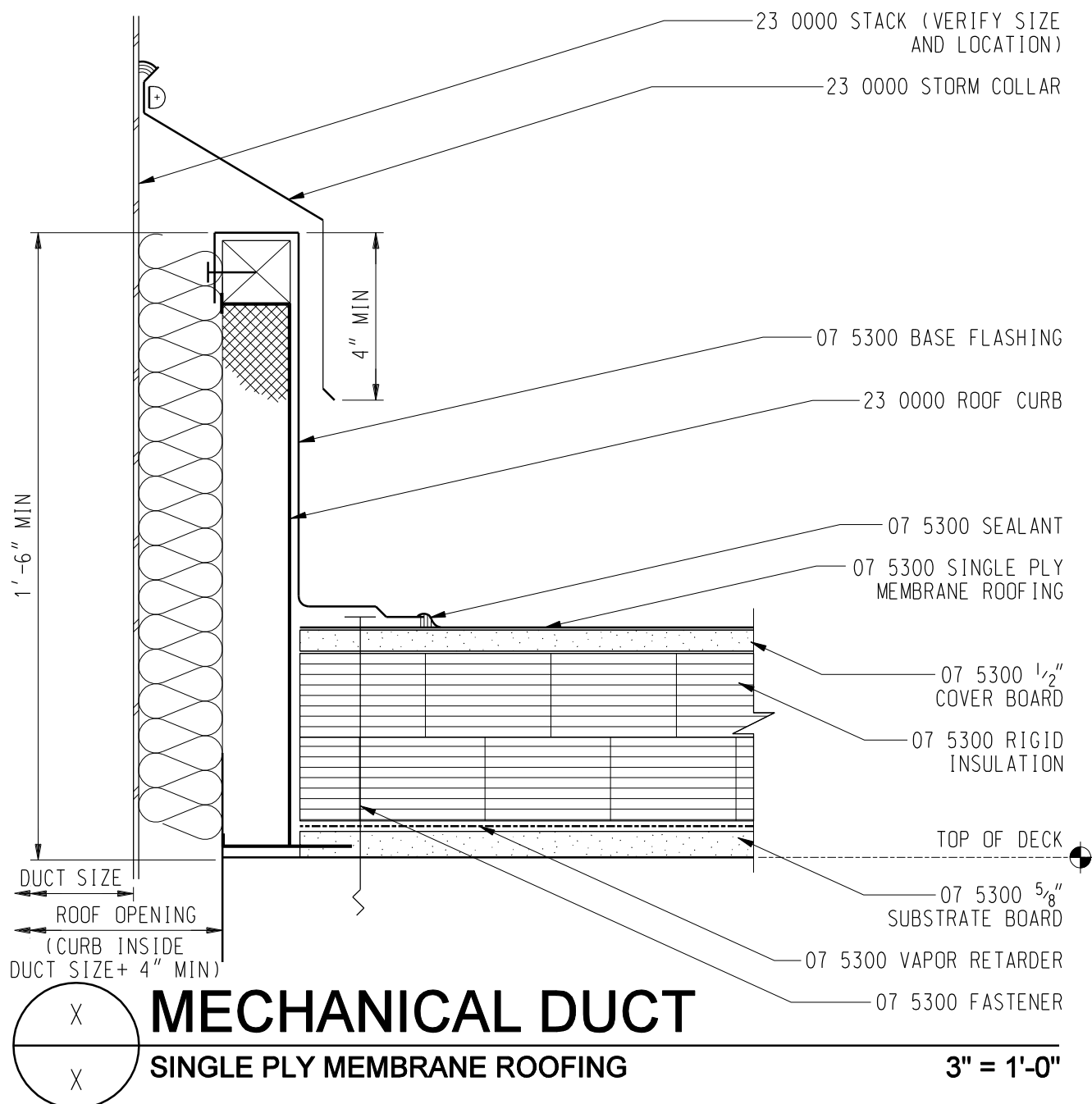
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



USE FOR MECHANICAL STEEL PIPE 6" TO 12" DIA

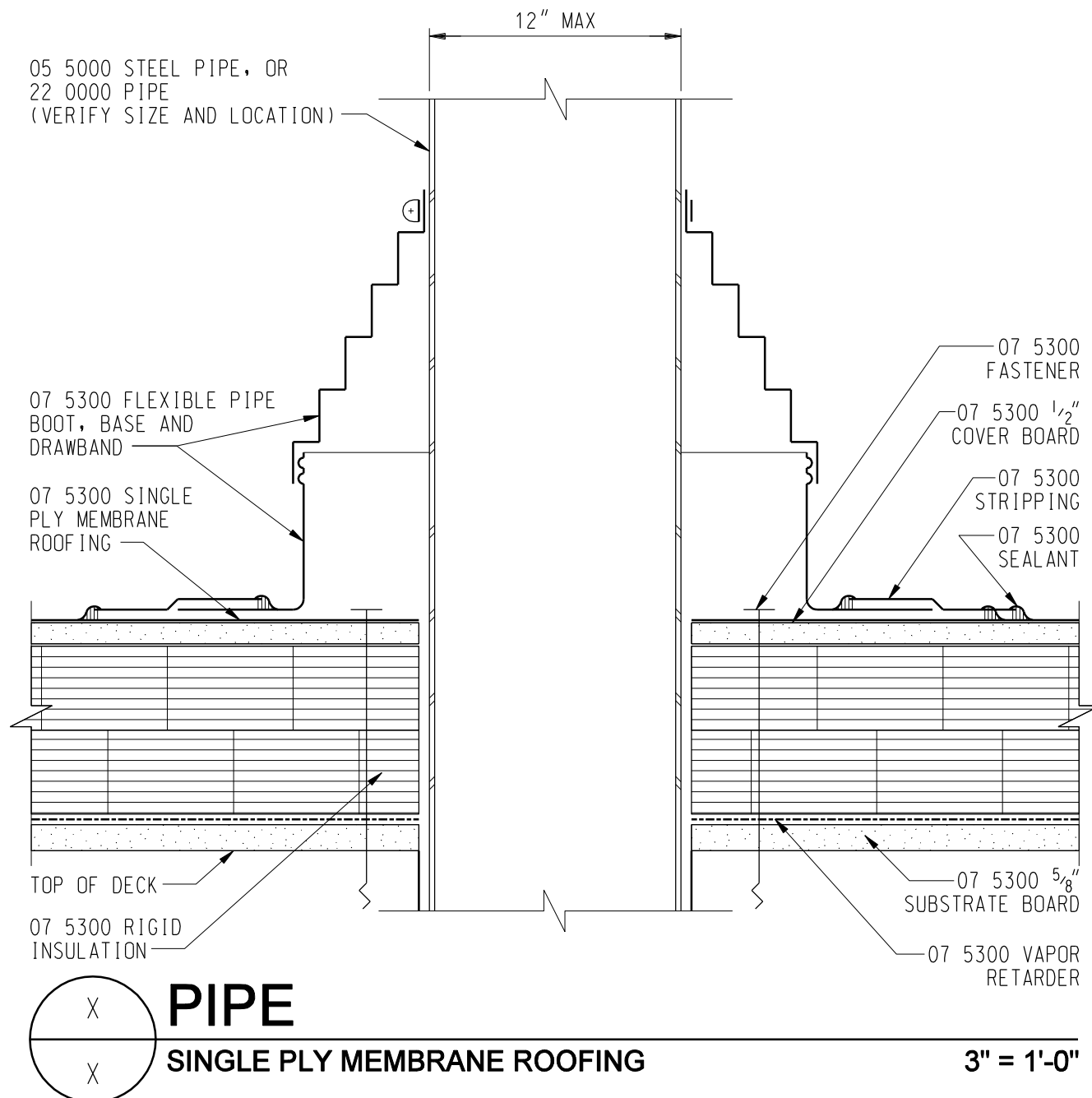
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

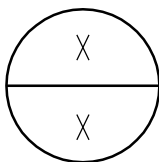
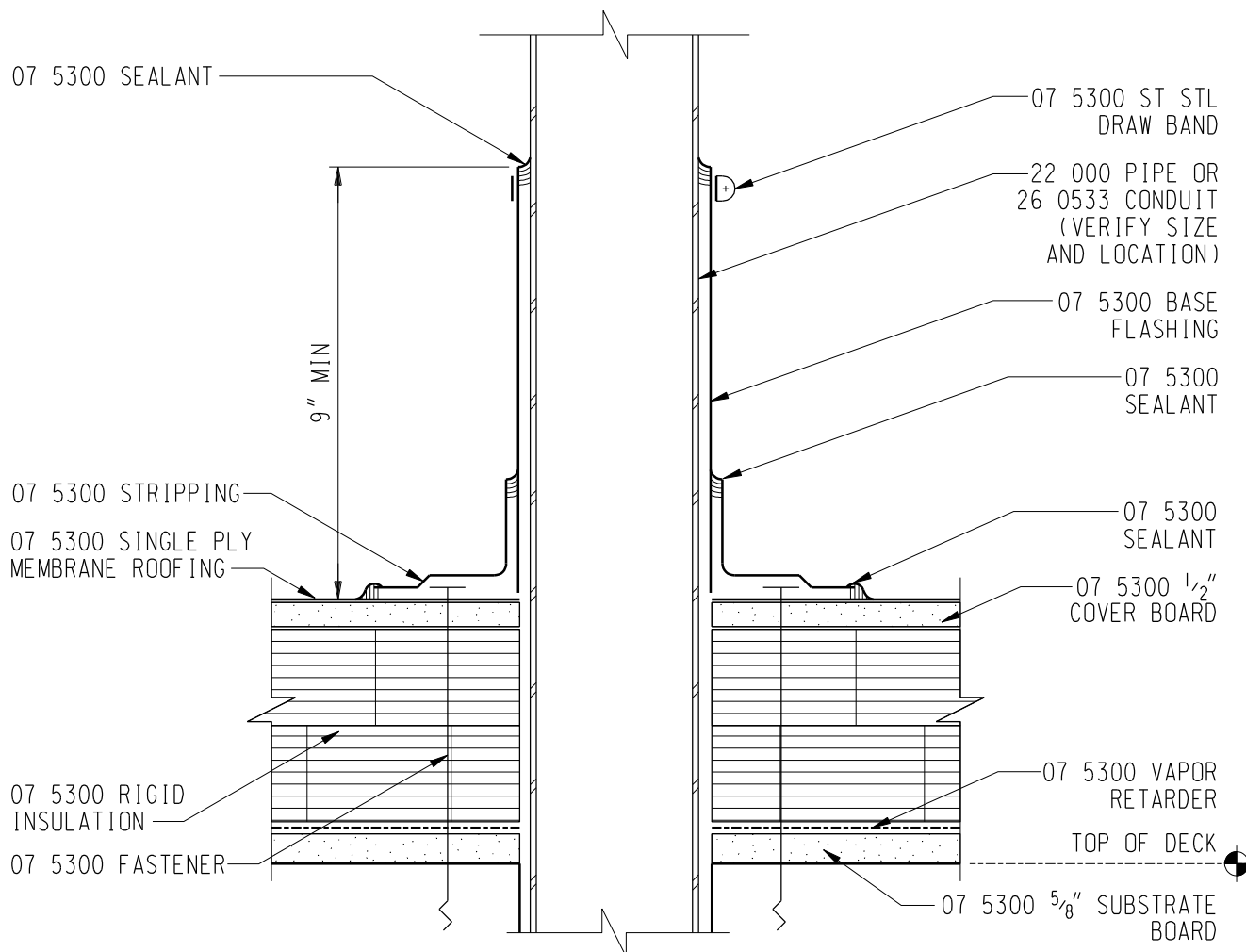
"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



USE WHEN A FIELD FABRICATED SEAL IS NECESSARY FOR
 EXISTING MECHANICAL PIPES AND/OR ELECTRICAL CONDUITS
 OR WHEN PREMOLDED PIPE SLEEVE (DET 07-702) CAN NOT
 BE FIT OVER PIPE OR CONDUIT
 "JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



PIPE AND CONDUIT

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

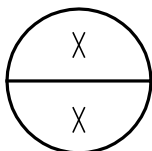
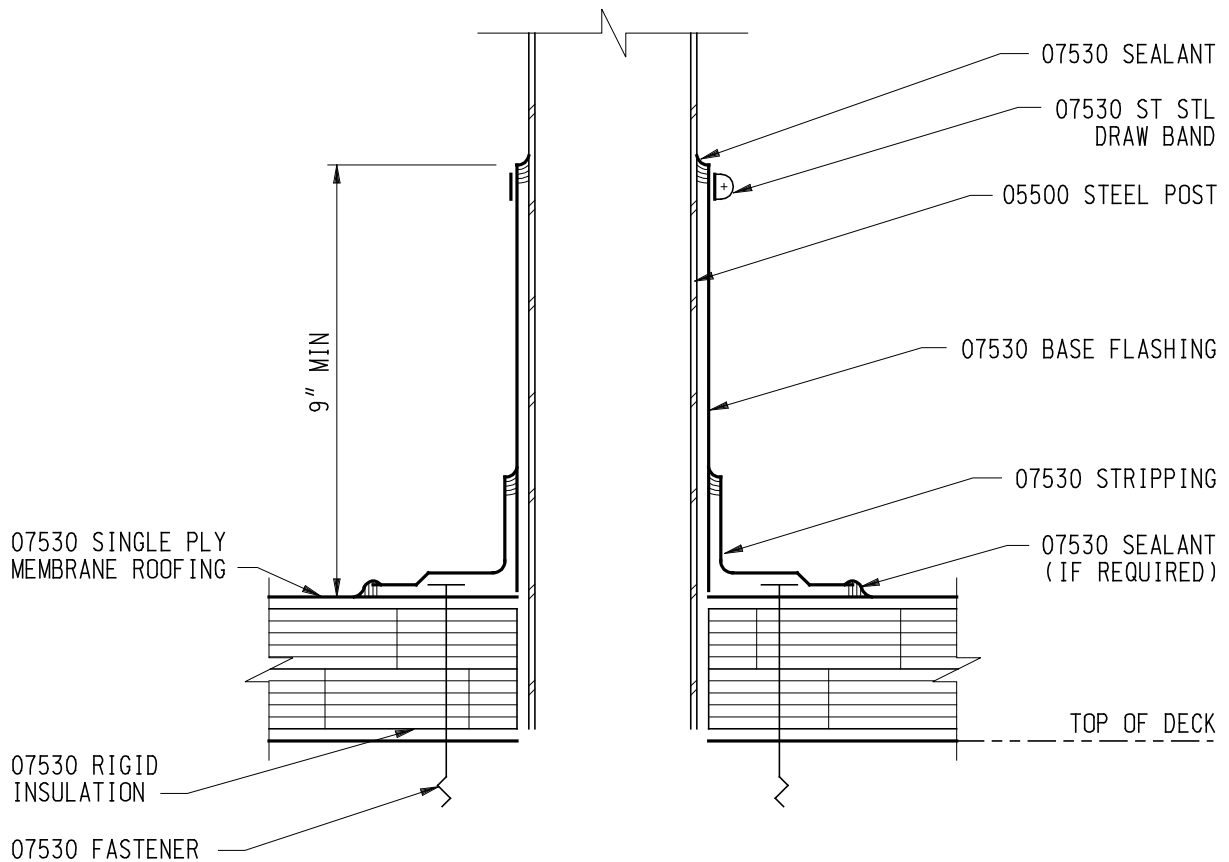


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

USE FOR STEEL POST SUPPORTING STRUCTURAL FRAMING
AT MECHANICAL EQUIPMENT, ETC. DRAW AND NOMENCLATE
BASE PLATE AND CONNECTING ROOF STRUCTURE. COORDINATE
W/STRUCTURAL AND DEPARTMENT REQUIRING SAME
"JOHNS MANVILLE" MECHANICALLY FASTENED



POST

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07719

Date

25-JUN-01

Department

Architecture

Detail No.

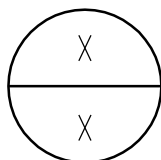
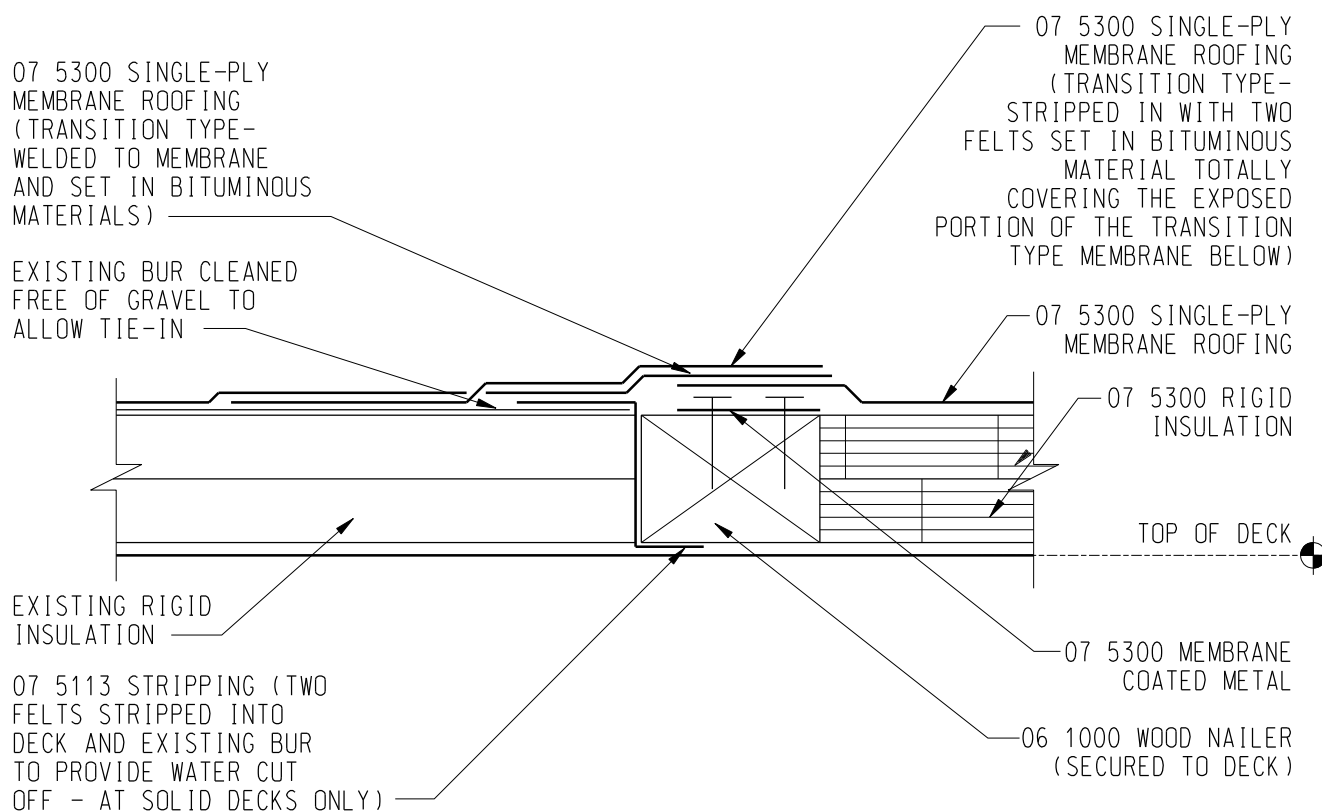
07-719

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USE TO MAKE A TRANSITION BETWEEN EXISTING BUILT-UP
ROOFING AND SINGLE PLY MEMBRANE

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



TRANSITION TO BUILT-UP ROOF

SINGLE PLY MEMBRANE ROOFING

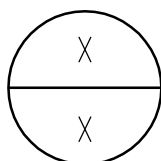
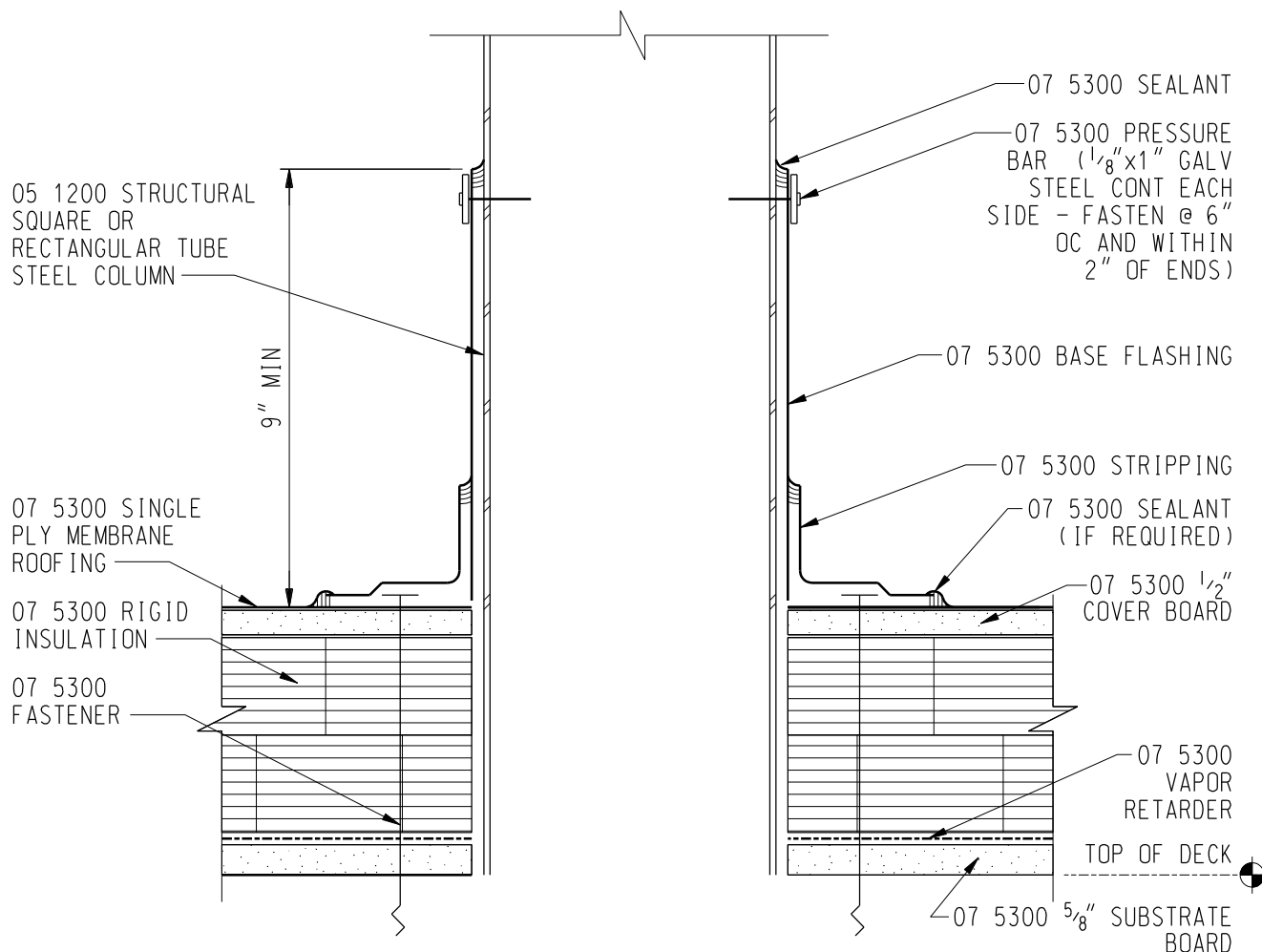
3" = 1'-0"

USE FOR SQUARE OR RECTANGULAR TUBE STEEL COLUMNS

SHOW ON ROOF PLAN

"JOHNS MANVILLE SR-50" MECHANICALLY FASTENED

Standard Detail



SQUARE COLUMN FLASHING

SINGLE PLY MEMBRANE ROOFING

3" = 1'-0"

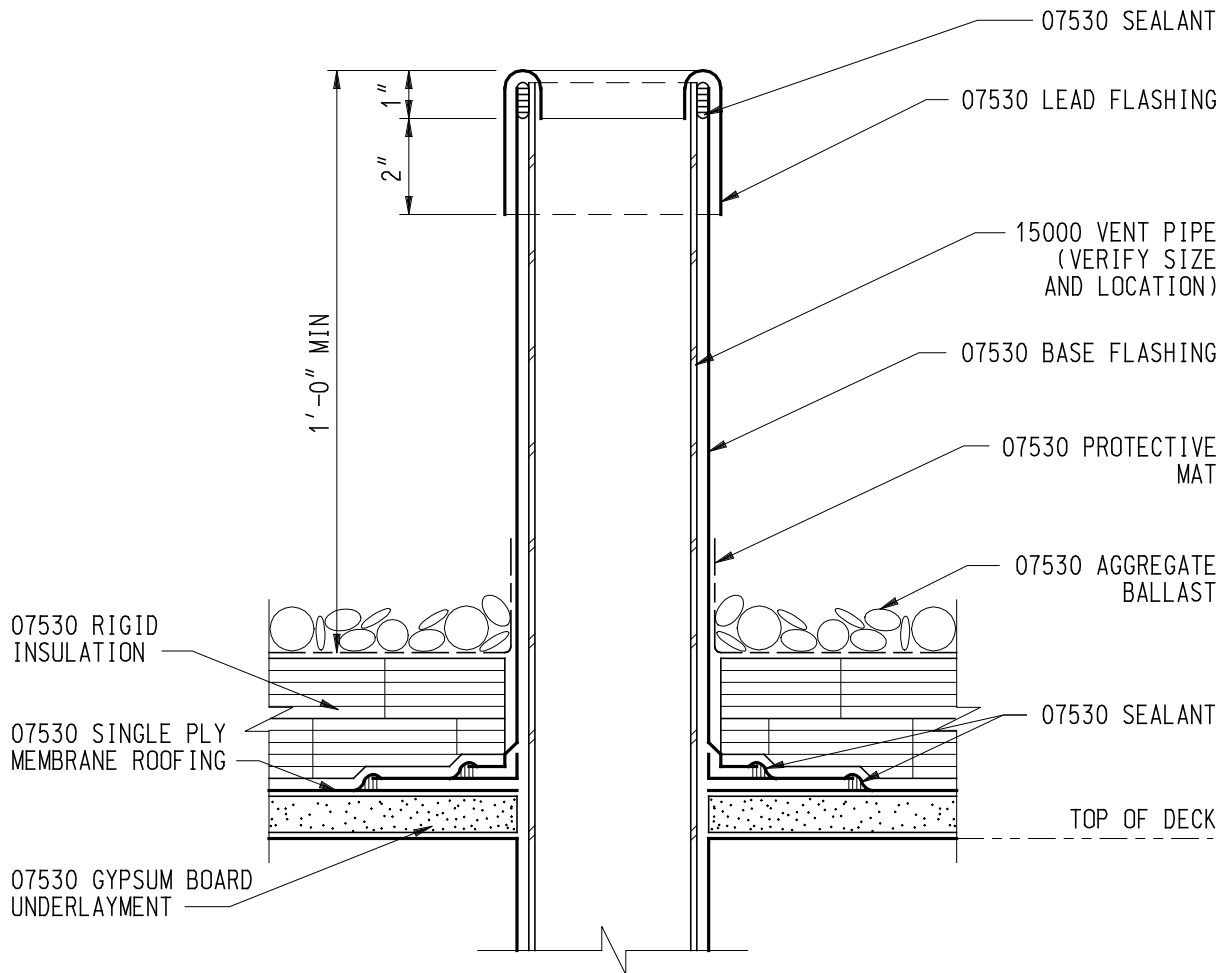


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Notes / Instructions

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



TYPICAL VENT THRU ROOF

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07751

Date

7-JUL-00

Department

Architecture

Detail No.

07-751

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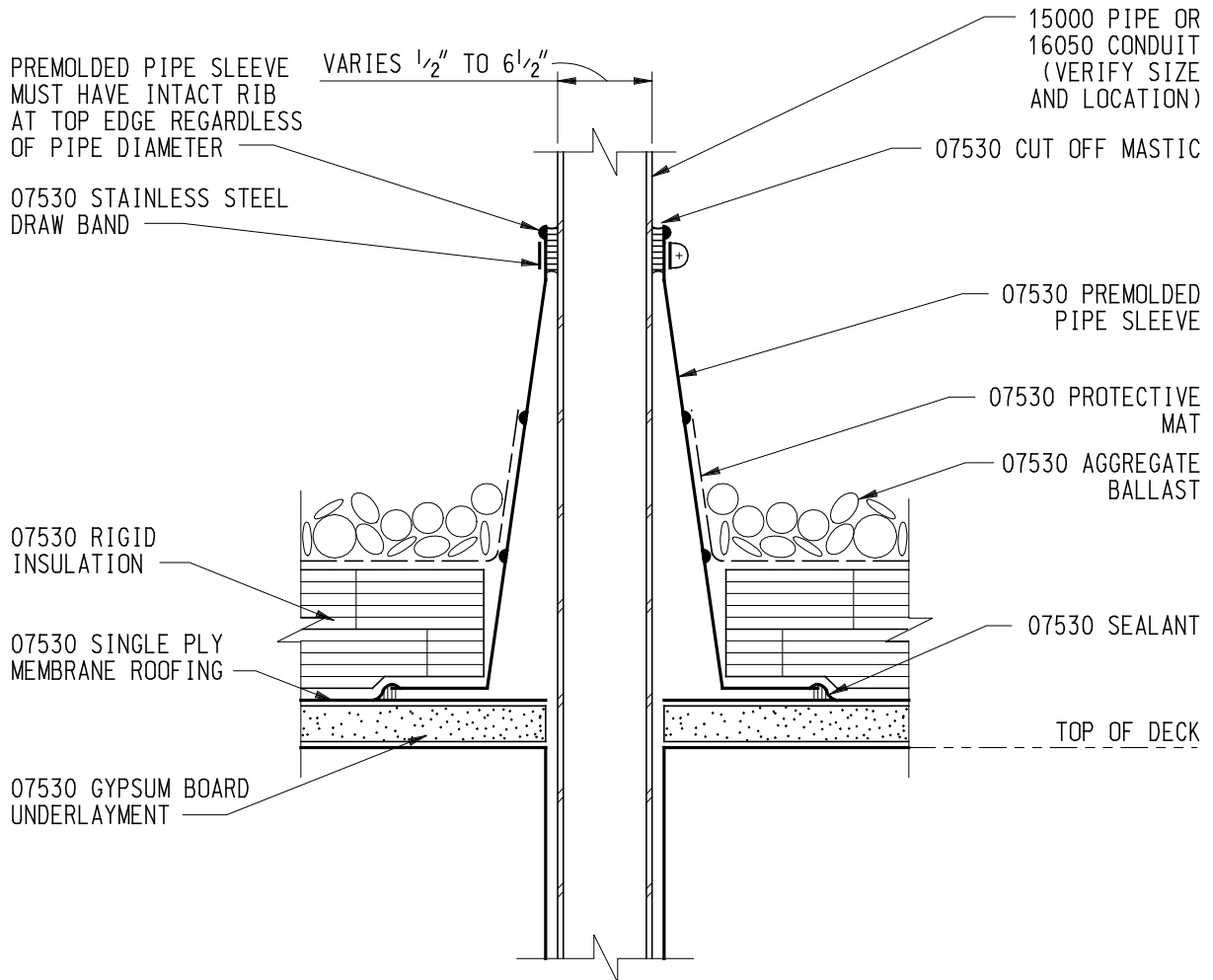


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Notes / Instructions

VERIFY THAT PREMOLDED PIPE SLEEVE CAN BE INSTALLED
OVER PIPE OR CONDUIT, OTHERWISE USE DETAIL 07-768
"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



TYPICAL VENT THRU ROOF

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07752

Date

7-JUL-00

Department

Architecture

Detail No.

07-752

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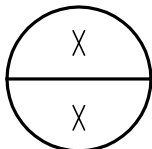
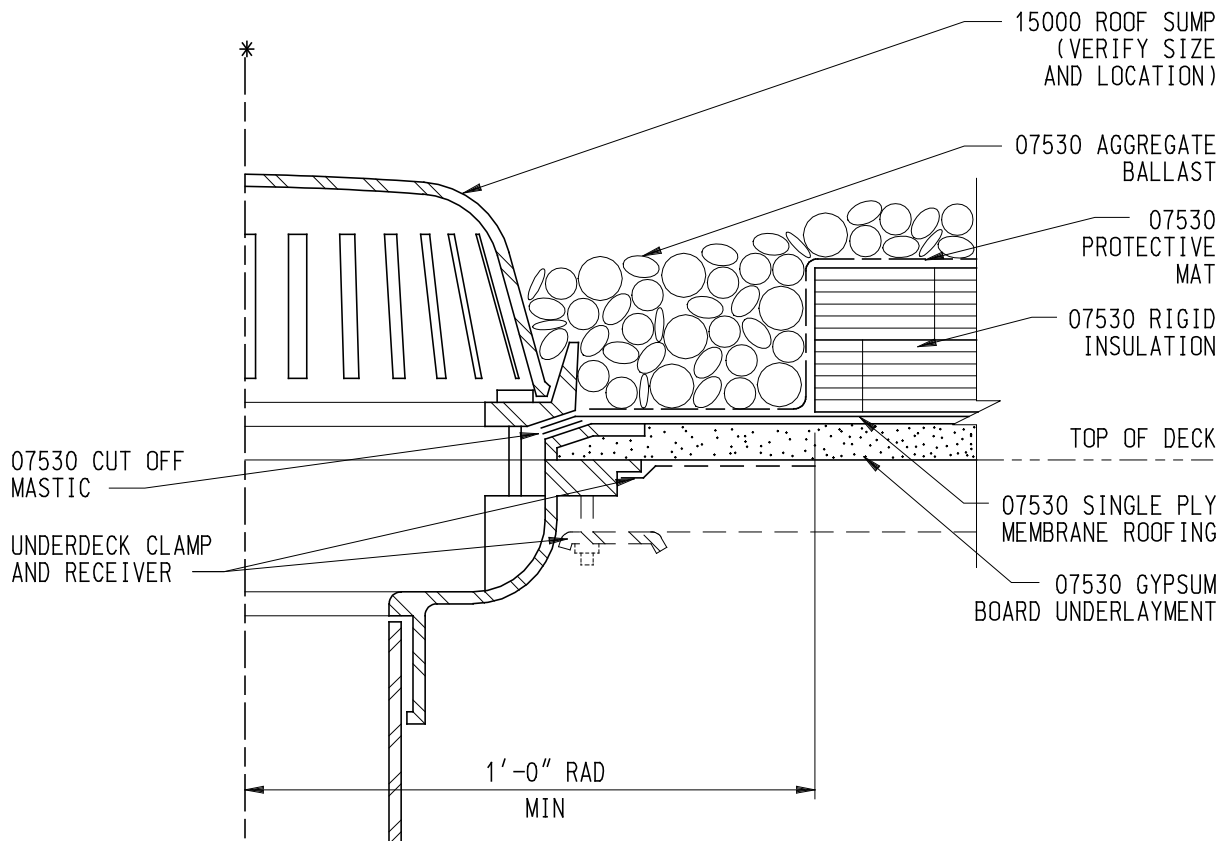
Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE W/STRUCTURAL AND MECHANICAL

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



ROOF SUMP

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07753

Date

7-JUL-00

Department

Architecture

Detail No.

07-753

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Notes / Instructions

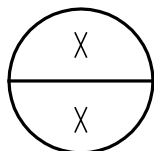
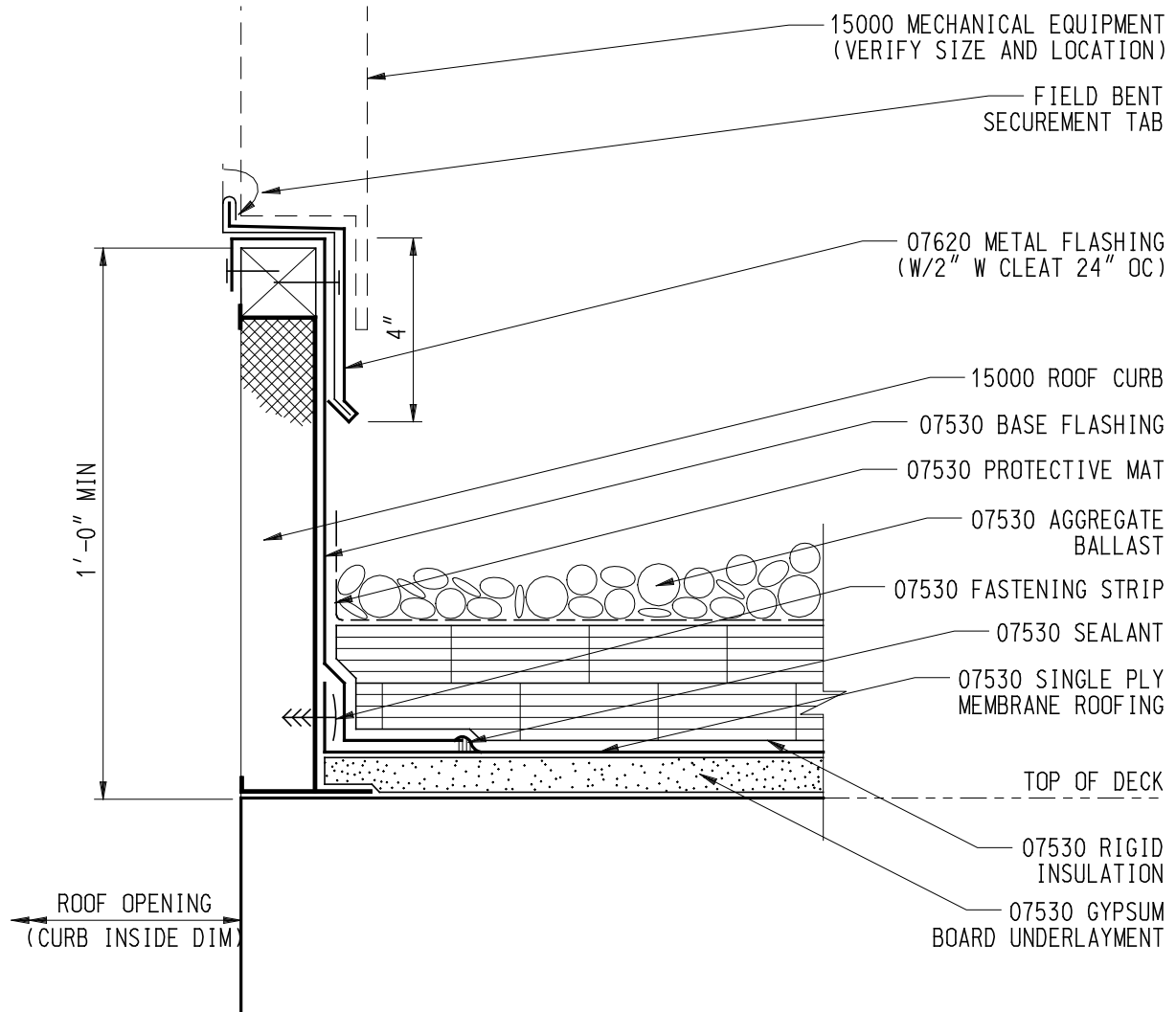
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



ROOF CURB

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Library

ARCH07.CEL

Cell Name

07754

Date

7-JUL-00

Department

Architecture

Detail No.

07-754

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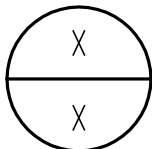
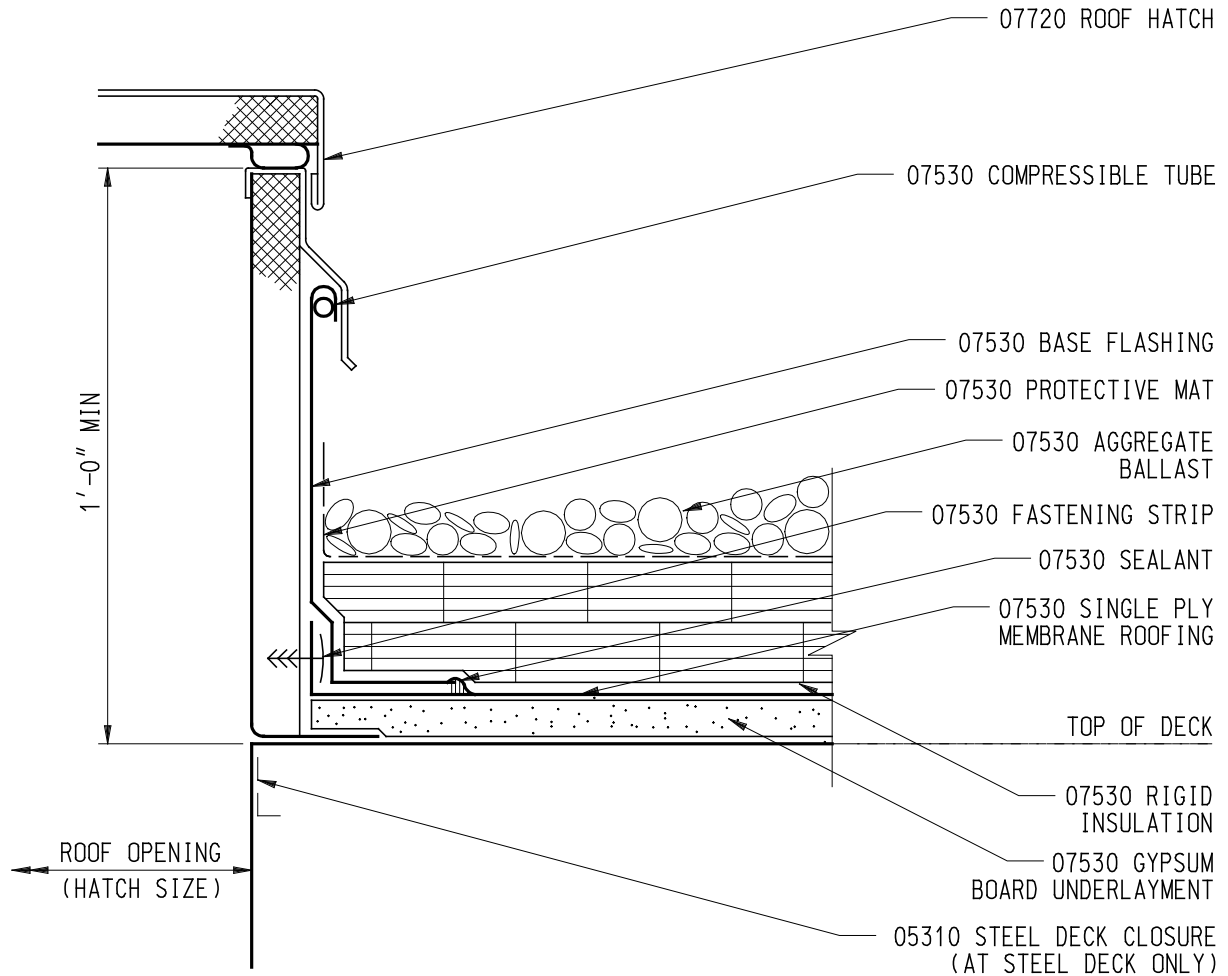
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Notes / Instructions

SHOW ON ROOF PLAN

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



ROOF HATCH

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07755

Date

7-JUL-00

Department

Architecture

Detail No.

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Standard Detail

Notes / Instructions

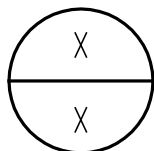
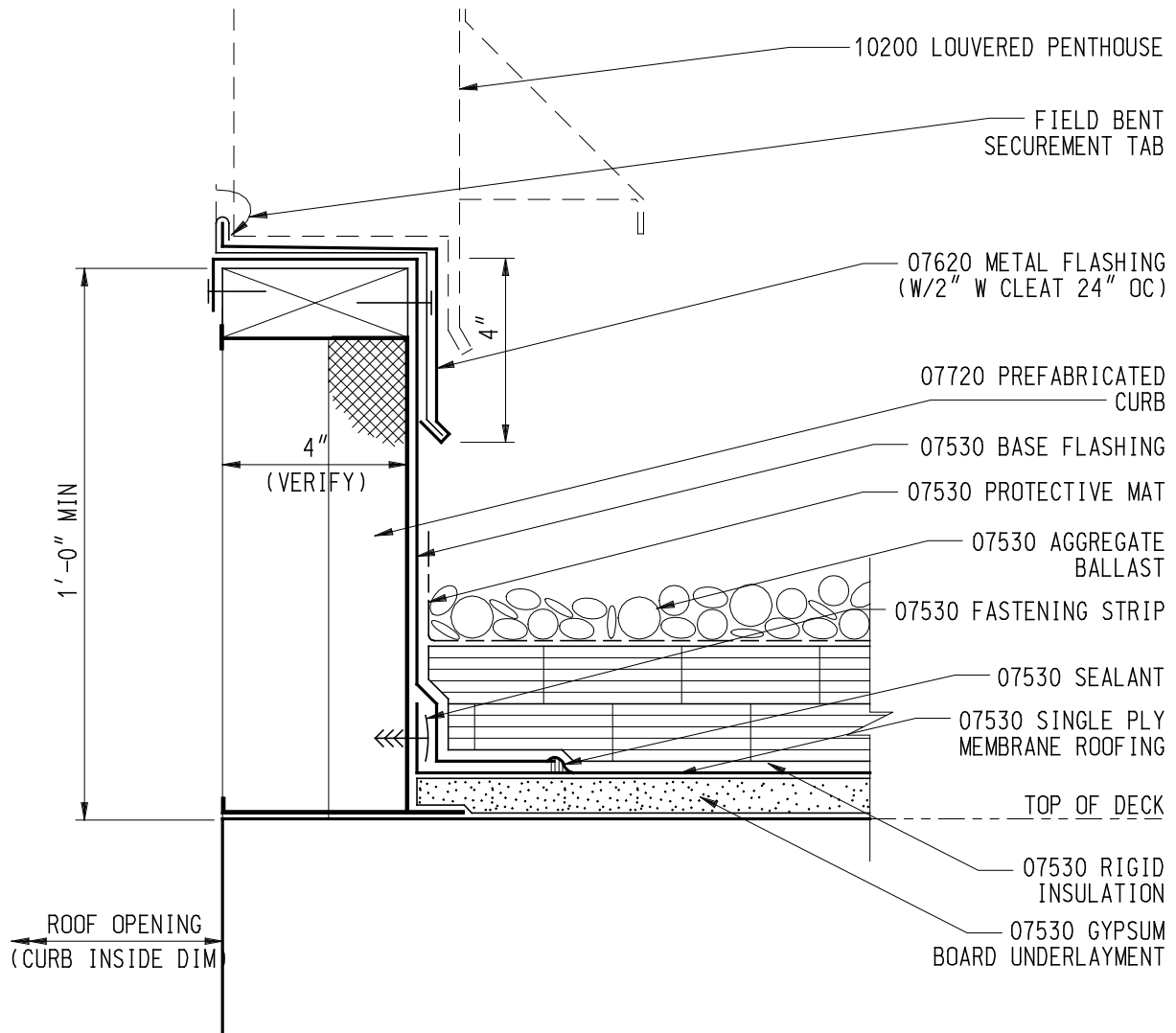
SHOW AND DIMENSION PENTHOUSE HEIGHT PLUS ROOF

OPENING ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE



LOUVERED PENTHOUSE

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07756

Date

7-JUL-00

Department

Architecture

Detail No.

07-756

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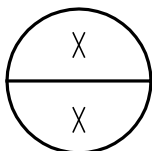
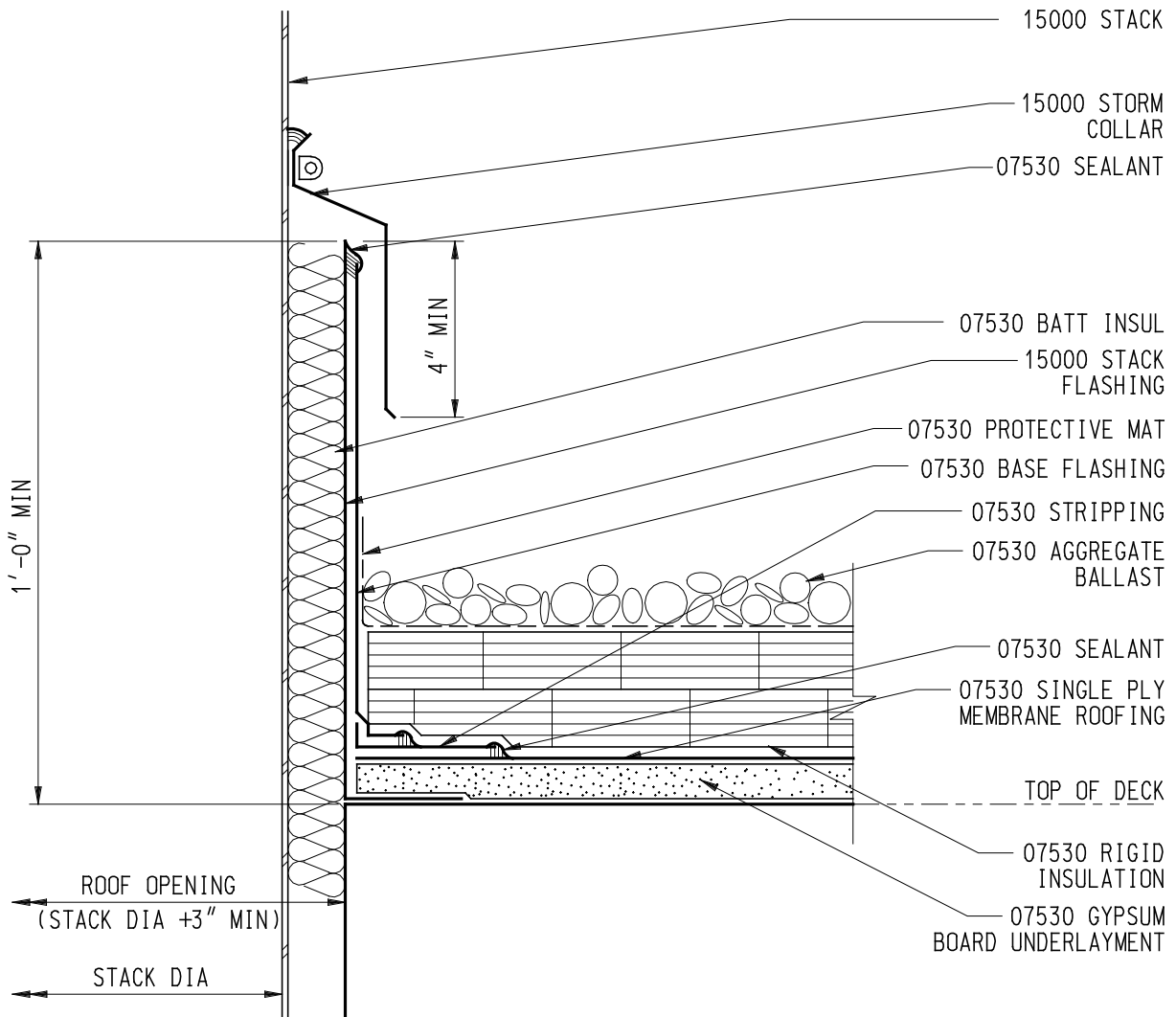


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Standard Detail

Notes / Instructions

USE FOR PRESSURE RELIEF VENTS, FLUES, OR FUME HOOD
EXHAUST, ETC, SMALL DIAMETER VERIFY W/MECHANICAL
SHOW ON ROOF PLAN
COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"CARLISLE" LOOSE LAID PROTECTED MEMBRANE



STACK

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07757

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Notes / Instructions

USE FOR BOILER OR GENERATOR STACKS, ETC.

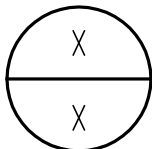
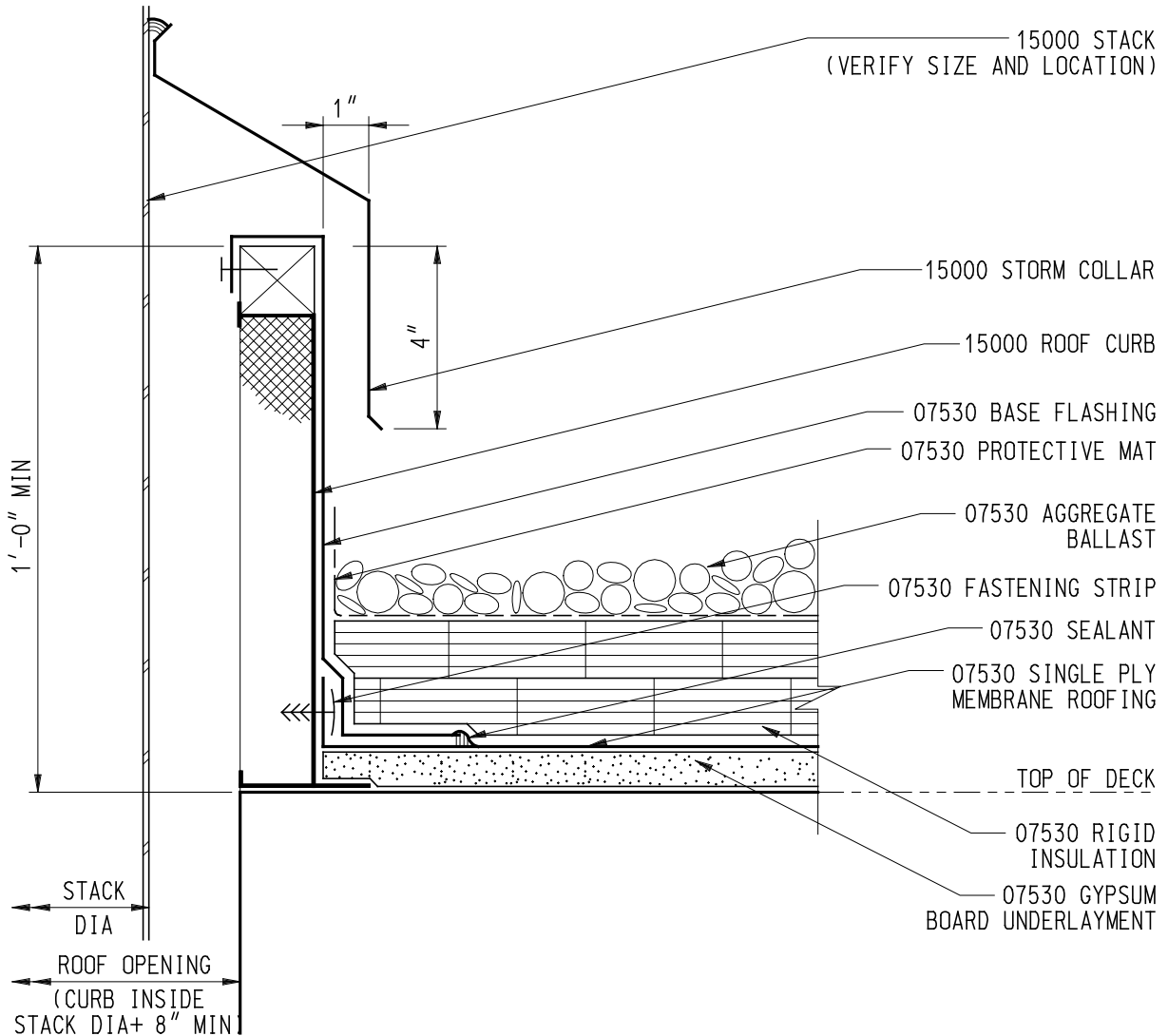
VERIFY W/MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE



HIGH TEMPERATURE STACK

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07758

Date

7-JUL-00

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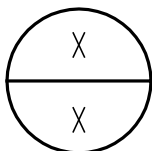
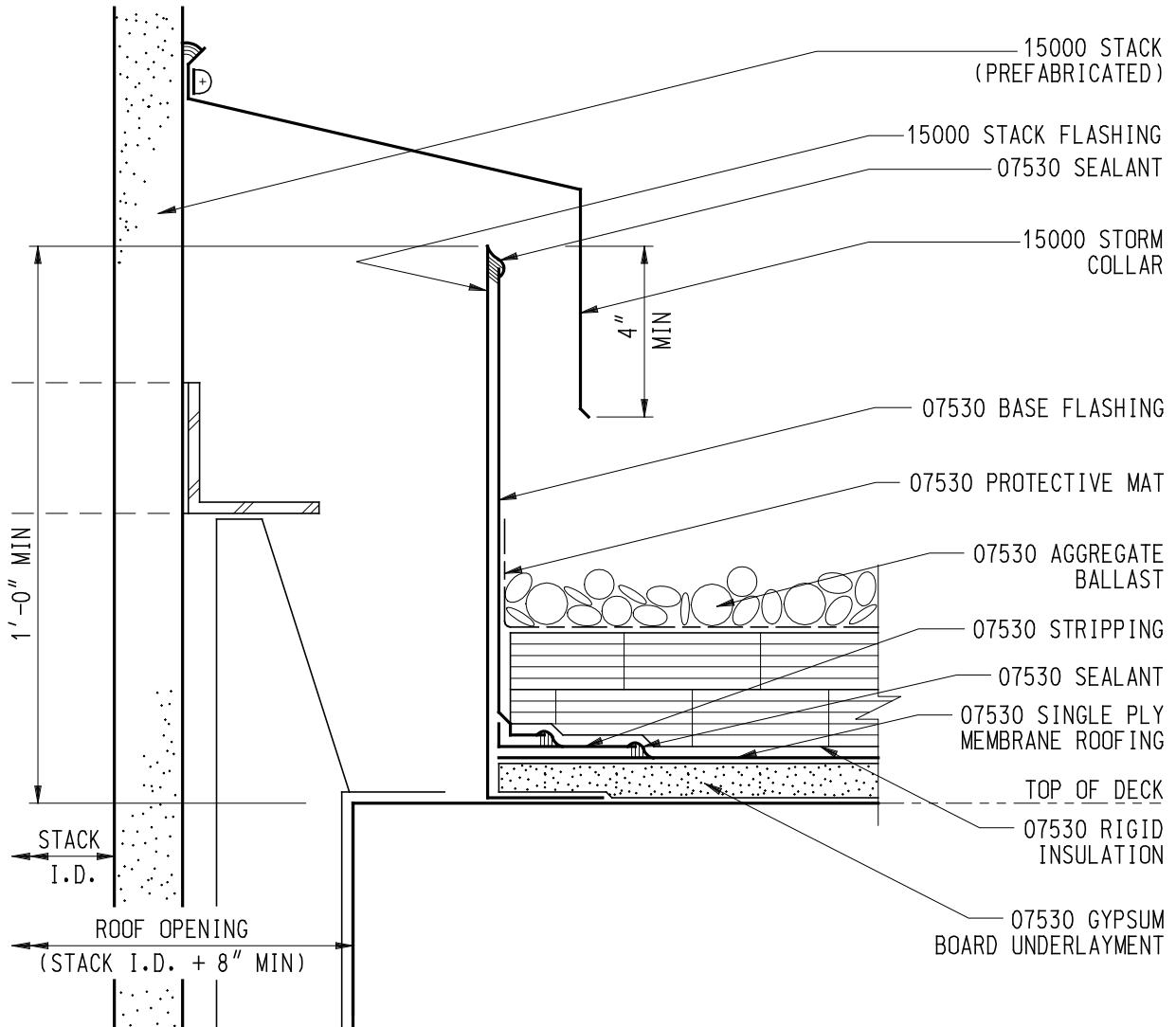
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Notes / Instructions

USE FOR BOILER STACKS, ETC. VERIFY W/MECHANICAL
SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL
COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



PREFABRICATED STACK

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07759

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Standard Detail

Notes / Instructions

USE FOR FUME HOOD EXHAUST, ETC., LARGE DIAMETER

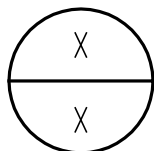
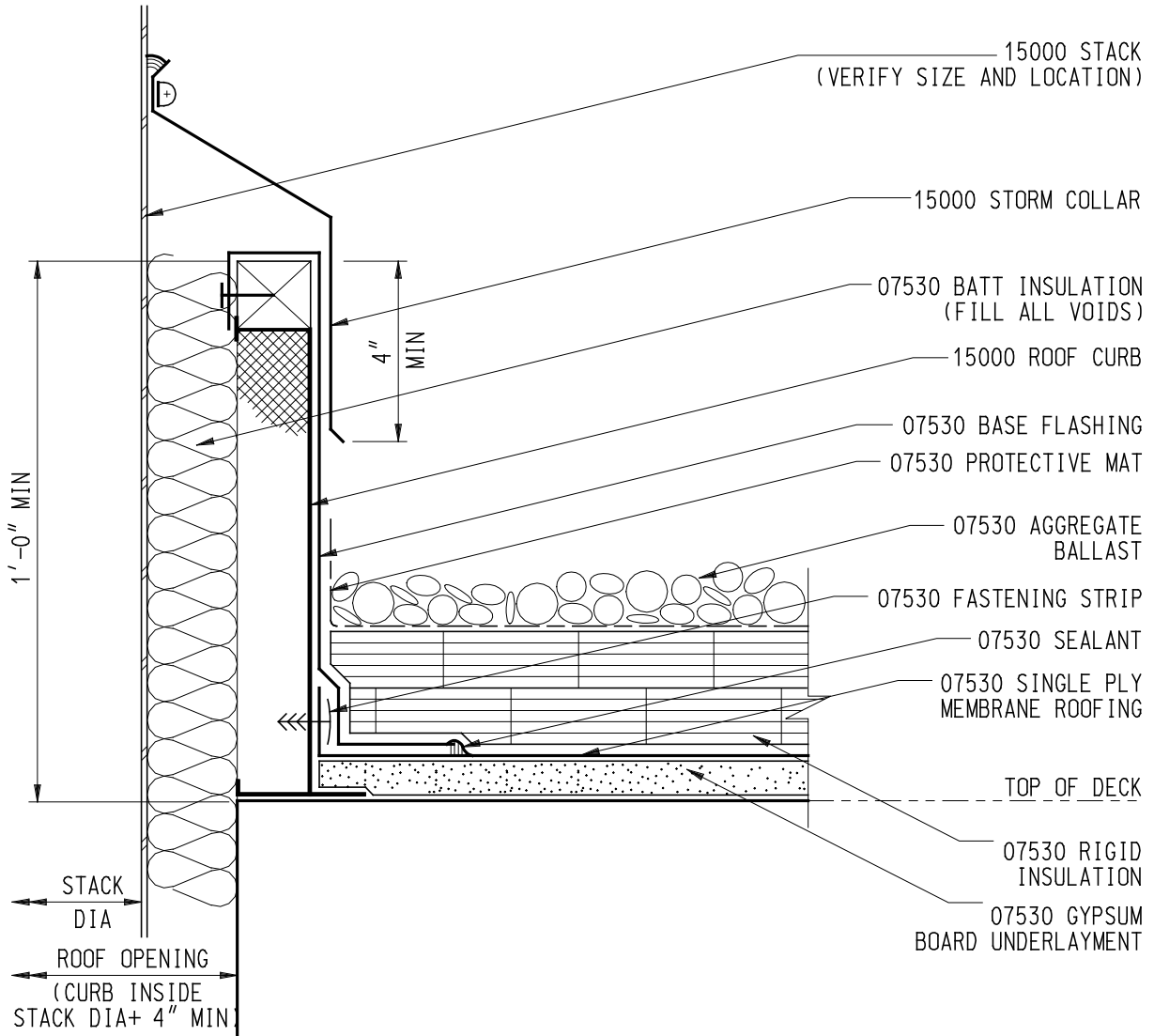
VERIFY W/MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE



STACK

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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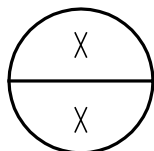
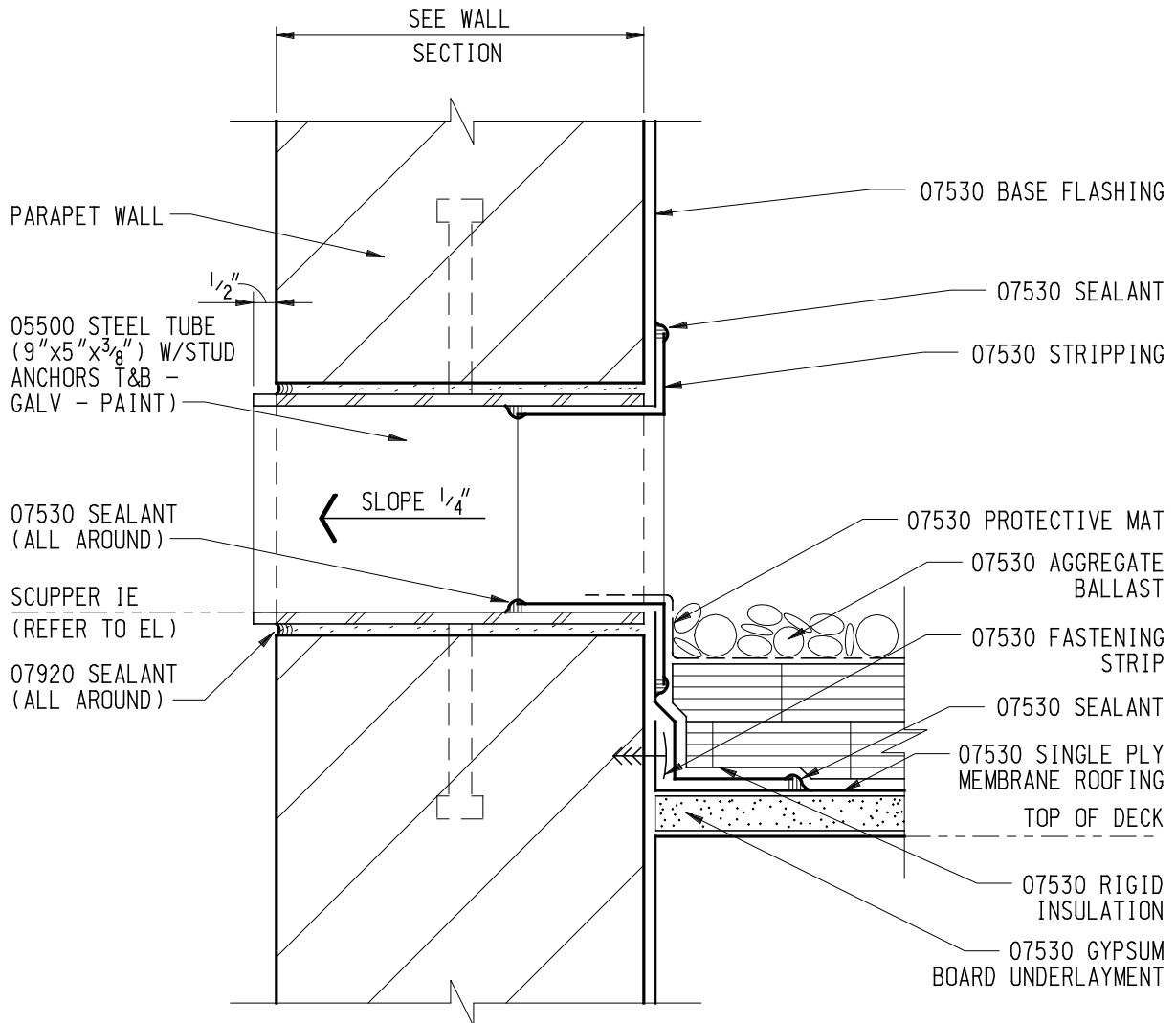


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Notes / Instructions

FOR USE REFERENCE 1987 OR 1990 BOCA SECTION 1110.4
NOTE SCUPPER INVERT ELEVATION (IE) ON EXTERIOR
ELEVATIONS
"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



OVERFLOW SCUPPER

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07761

Date

7-JUL-00

Department

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Detail No.

07-761

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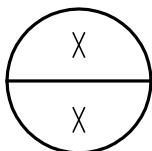
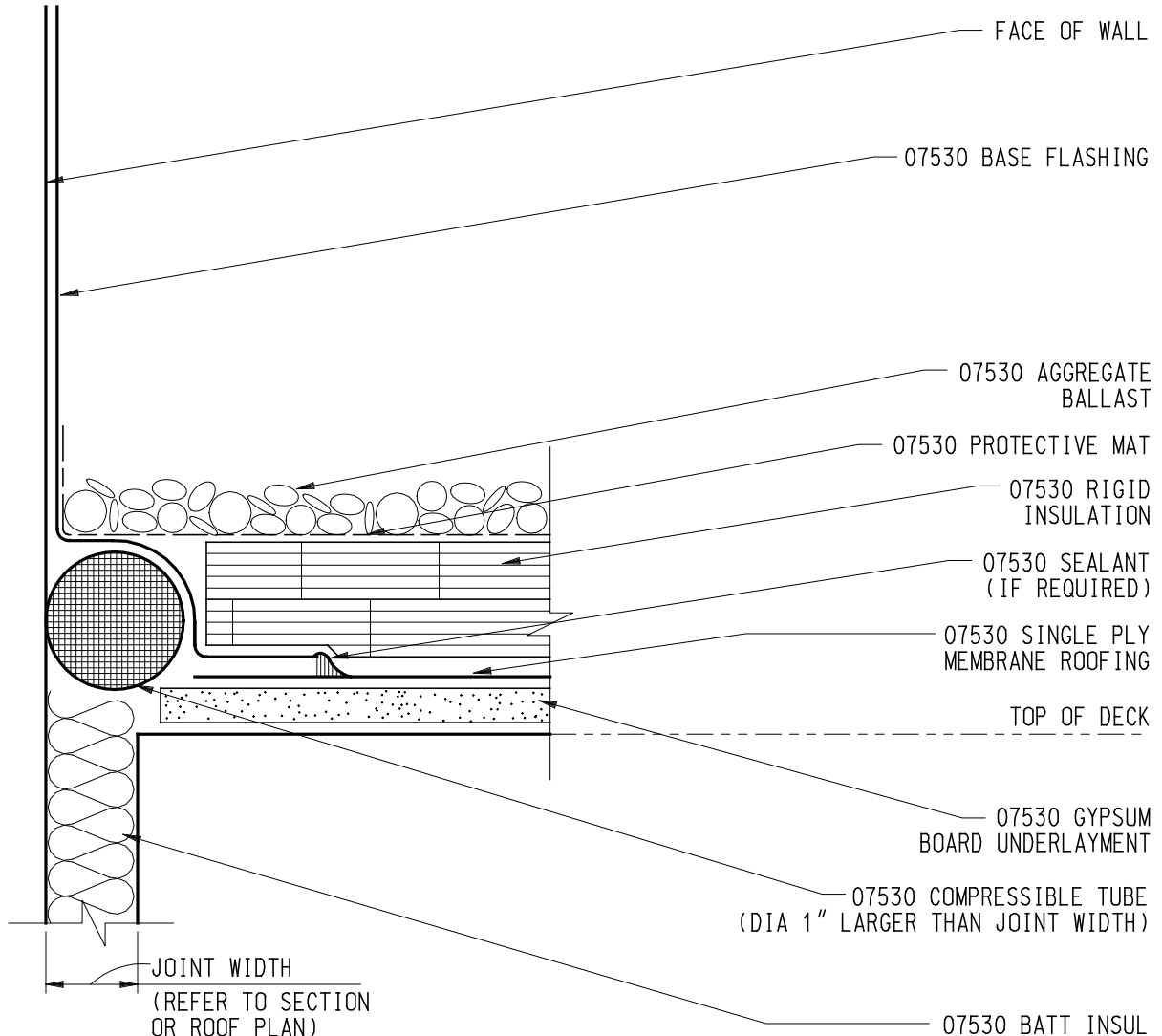
Notes / Instructions

SHOW ON ROOF PLAN

NOTE JOINT WIDTH ON SECTION OR ROOF PLAN (2" MAX)

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



EXPANSION JOINT AT WALL

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Jeffrey Zona

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ARCH07.CEL

Cell Name

07763

Date

7-JUL-00

Department

Architecture

Detail No.

07-763

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Standard Detail

Notes / Instructions

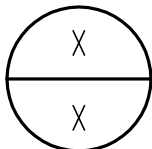
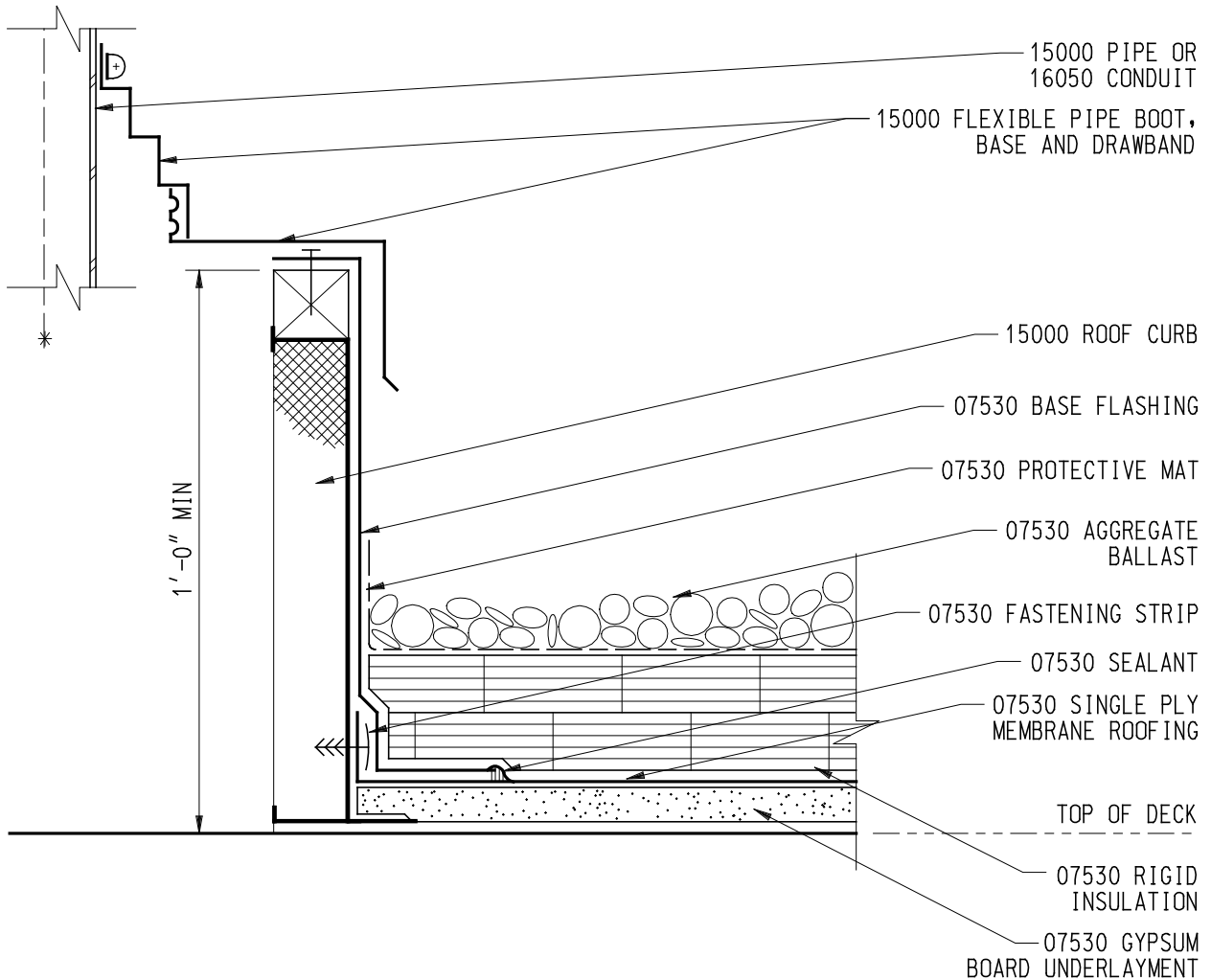
USE FOR MULTIPLE PIPE OR CONDUIT PENETRATIONS

SHOW ON ROOF PLAN

COORDINATE LOCATION W/MECHANICAL AND ELECTRICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL
(IF ANY)

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE



ROOF CURB W/ PIPE BOOT

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

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Date

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Department

Architecture

Detail No.

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Notes / Instructions

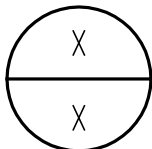
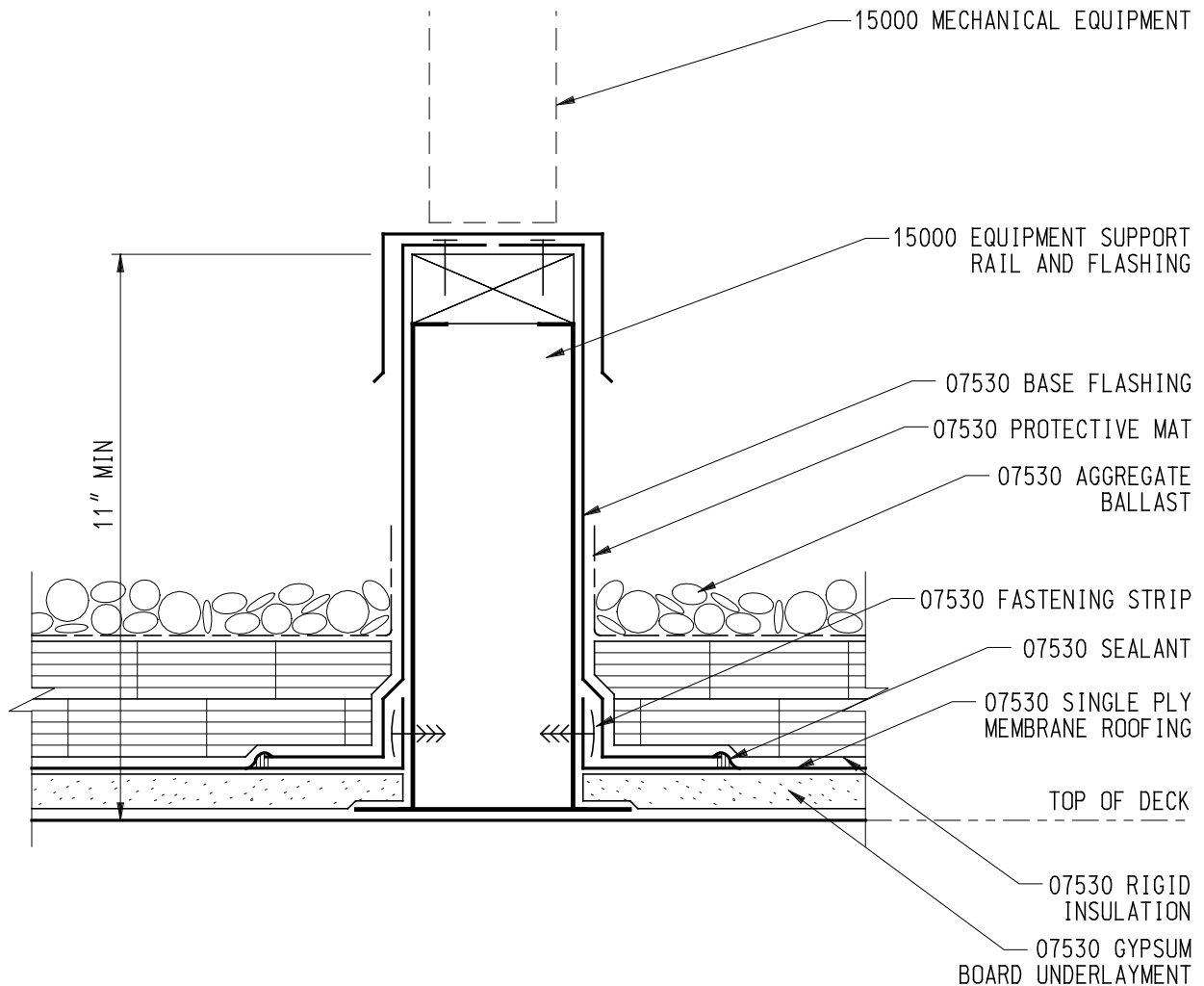
SHOW ON ROOF PLAN

COORDINATE SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



EQUIPMENT SUPPORT RAIL

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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07765

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Department

Architecture

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Standard Detail

Notes / Instructions

USE FOR MECHANICAL SHEET METAL DUCTS

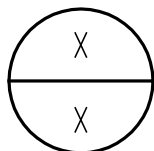
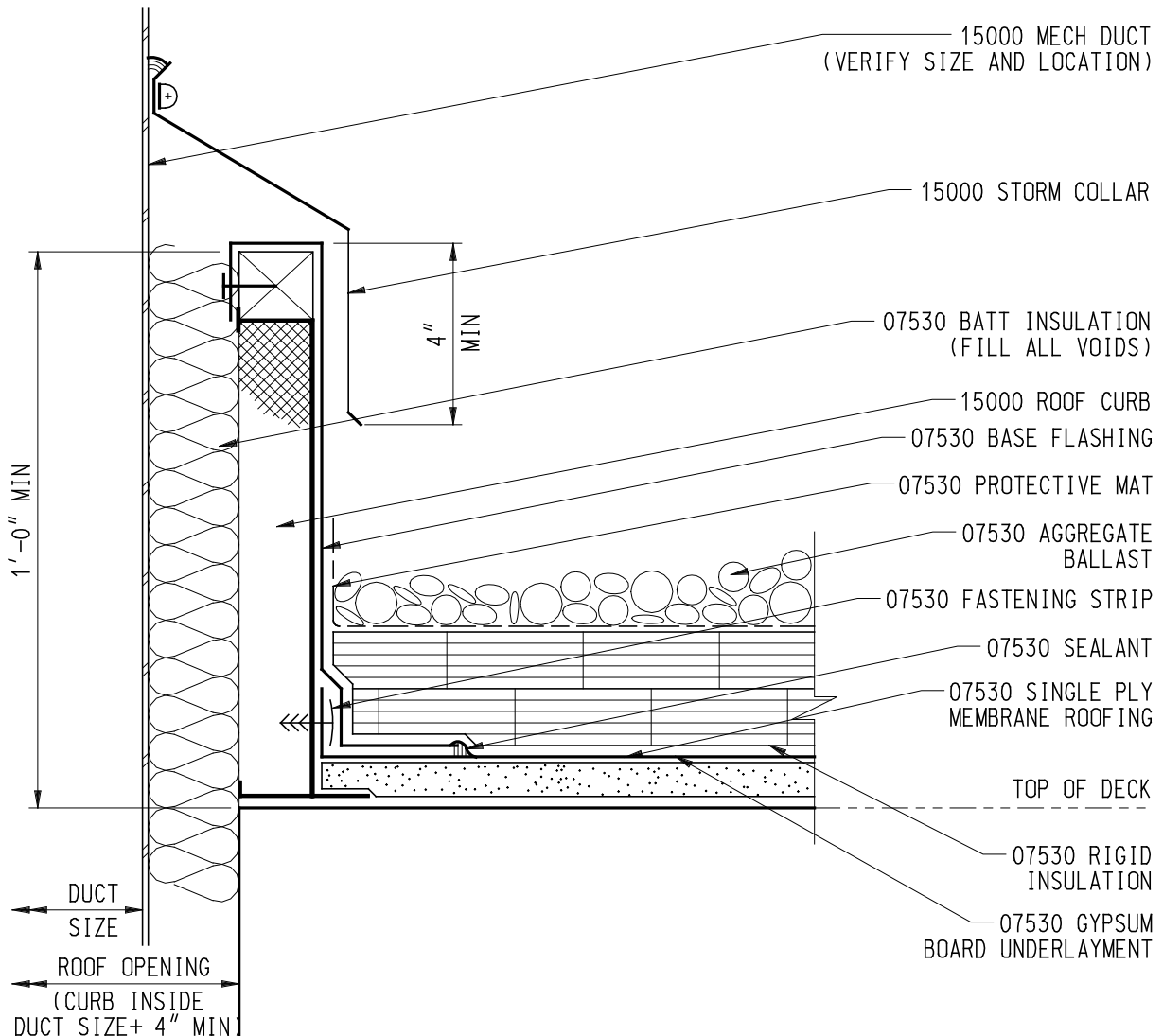
VERIFY W/MECHANICAL

SHOW ON ROOF PLAN

COORDINATE OPENING SIZE AND LOCATION W/MECHANICAL

COORDINATE ADDITIONAL SUPPORT FRAMING W/STRUCTURAL

"CARLISLE" LOOSE LAID PROTECTED MEMBRANE



MECHANICAL DUCT

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

07766

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7-JUL-00

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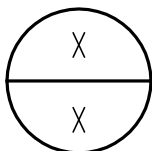
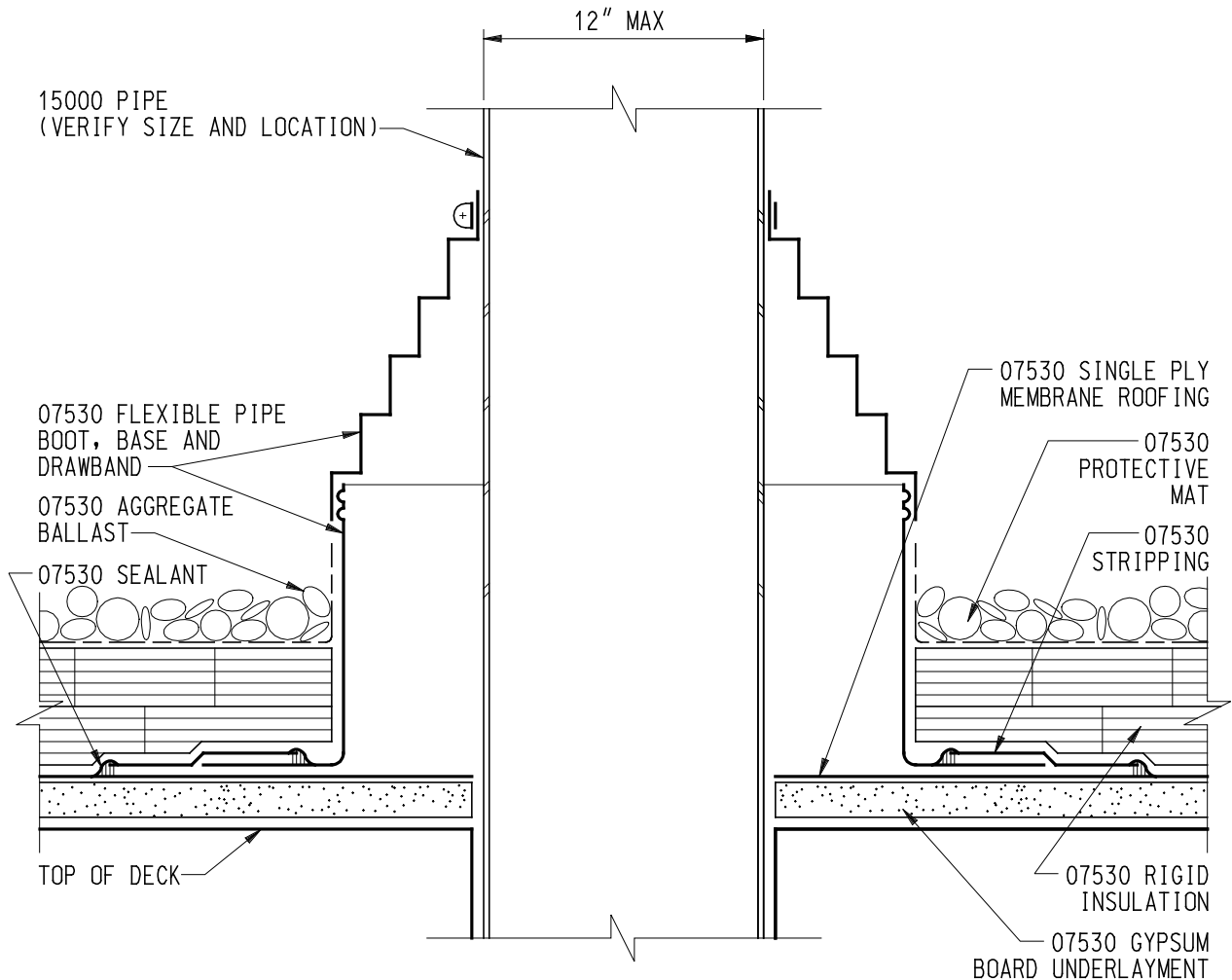


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Notes / Instructions

USE FOR MECHANICAL STEEL PIPE 6" + TO 12" DIA
SHOW ON ROOF PLAN
COORDINATE W/STRUCTURAL, AND MECHANICAL
"CARLISLE" LOOSE LAID PROTECTED MEMBRANE

Standard Detail



PIPE

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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ARCH07.CEL

Cell Name

07767

Date

7-JUL-00

Department

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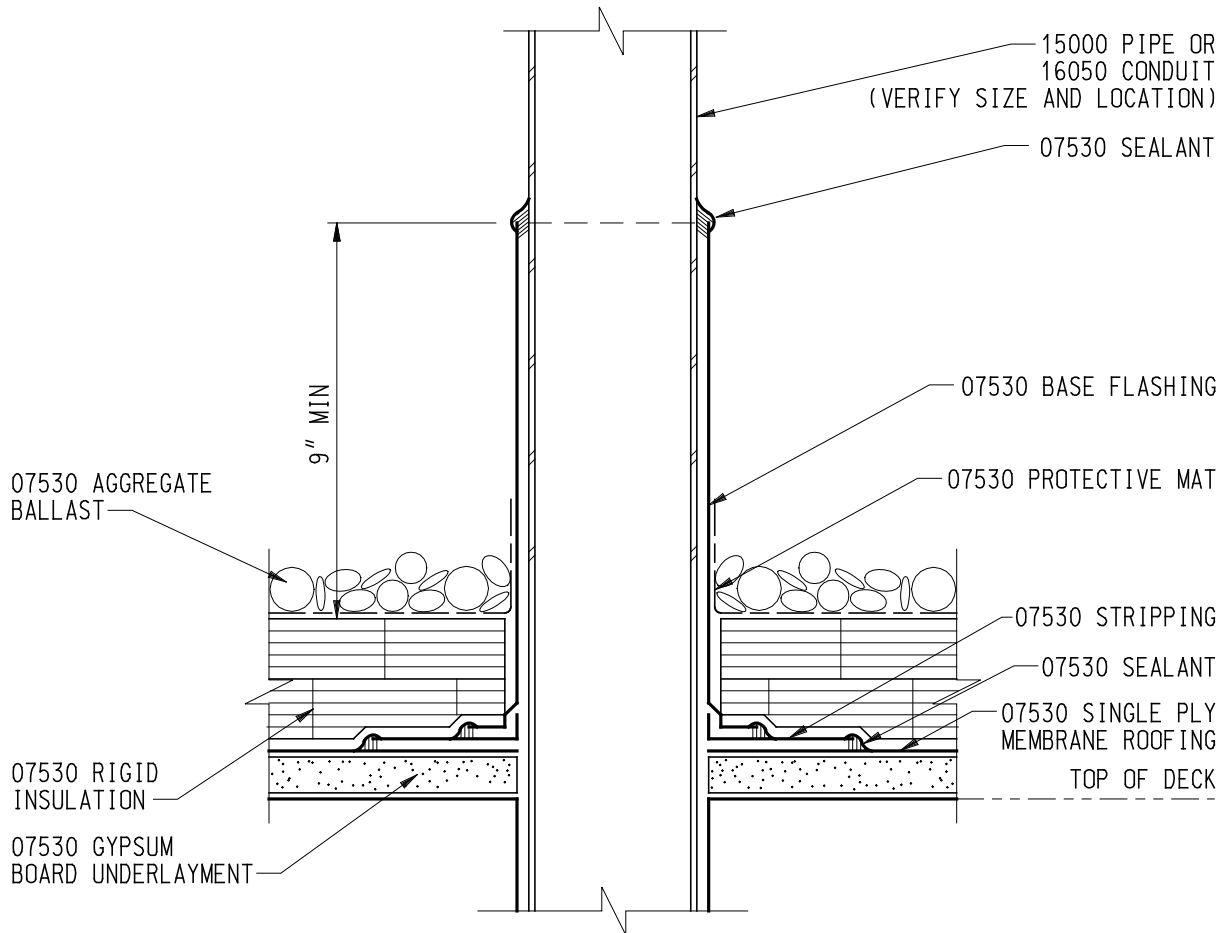


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Standard Detail

Notes / Instructions

USE WHEN A FIELD FABRICATED SEAL IS NECESSARY FOR
EXISTING MECHANICAL PIPES AND/OR ELECTRICAL CONDUITS
OR WHEN PREMOLDED PIPE SLEEVE (DET 07-752) CAN NOT
BE FIT OVER PIPE OR CONDUIT
"CARLISLE" LOOSE LAID PROTECTED MEMBRANE



TYPICAL PIPE AND CONDUIT

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH07.CEL

Cell Name

07768

Date

7-JUL-00

Department

Architecture

Detail No.

07-768

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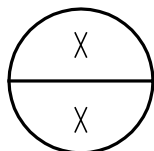
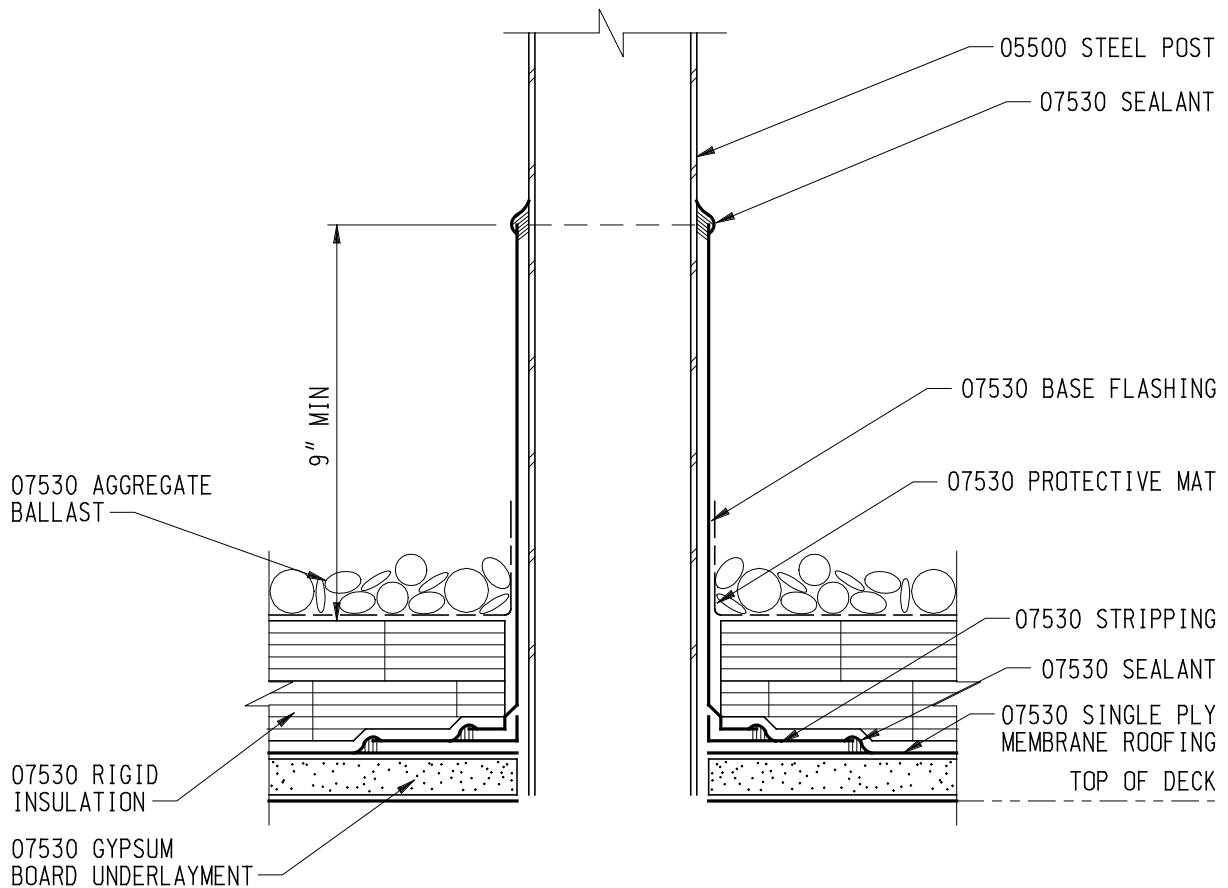


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Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

USE FOR STEEL POST SUPPORTING STRUCTURAL FRAMING
AT MECHANICAL EQUIPMENT, ETC. DRAW AND NOMENCLATE
BASE PLATE AND CONNECTING ROOF STRUCTURE. COORDINATE
W/STRUCTURAL AND DEPARTMENT REQUIRING SAME
"CARLISLE" LOOSE LAID PROTECTED MEMBRANE



POST

SINGLE PLY PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

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Cell Library

ARCH07.CEL

Cell Name

07769

Date

7-JUL-00

Department

Architecture

Detail No.

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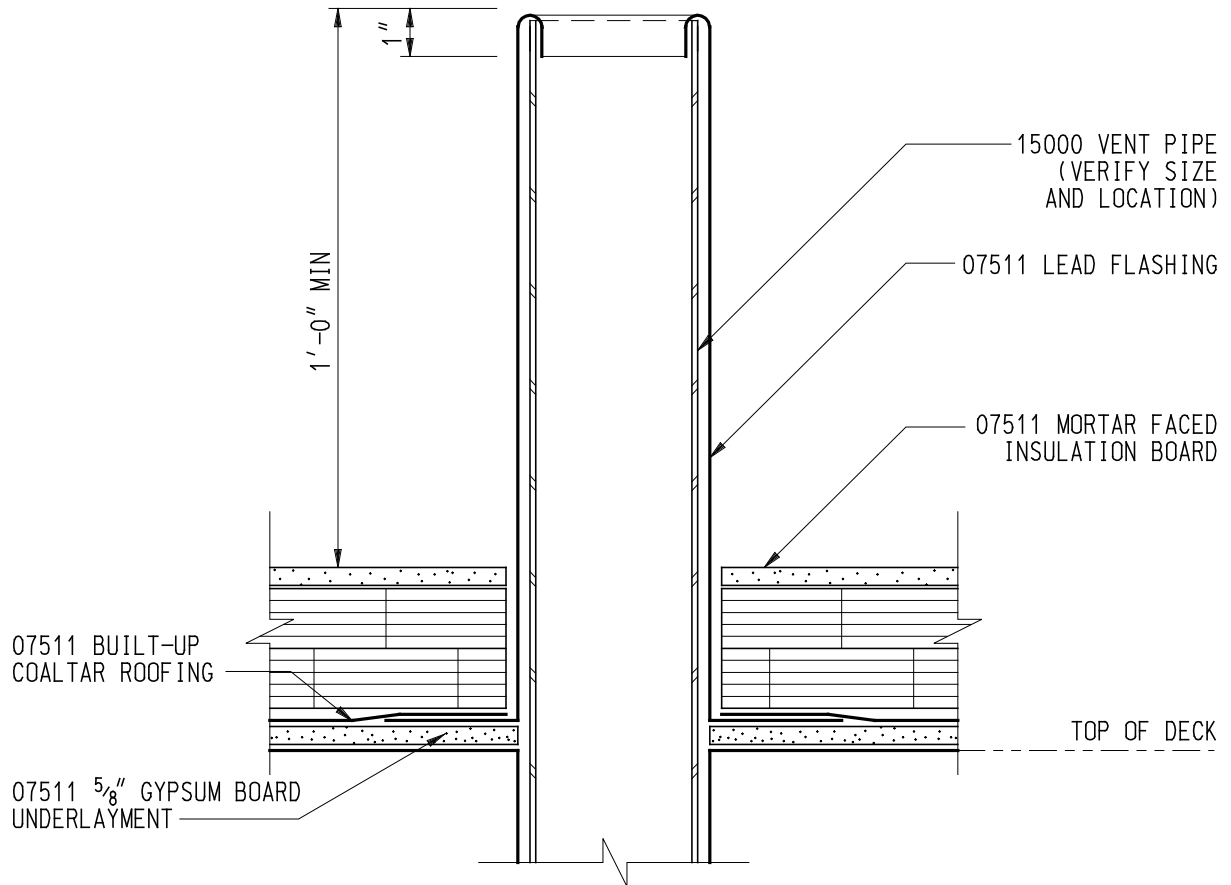


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Notes / Instructions

UTILIZES "LIGHTGUARD" MORTAR FACED INSUL BOARD
BY T. CLEAR CORP

Standard Detail



TYPICAL VENT THRU ROOF

BUILT-UP PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

07801

Date

1-23-02

Department

Architecture

Detail No.

07-801

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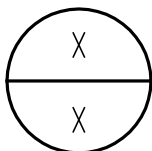
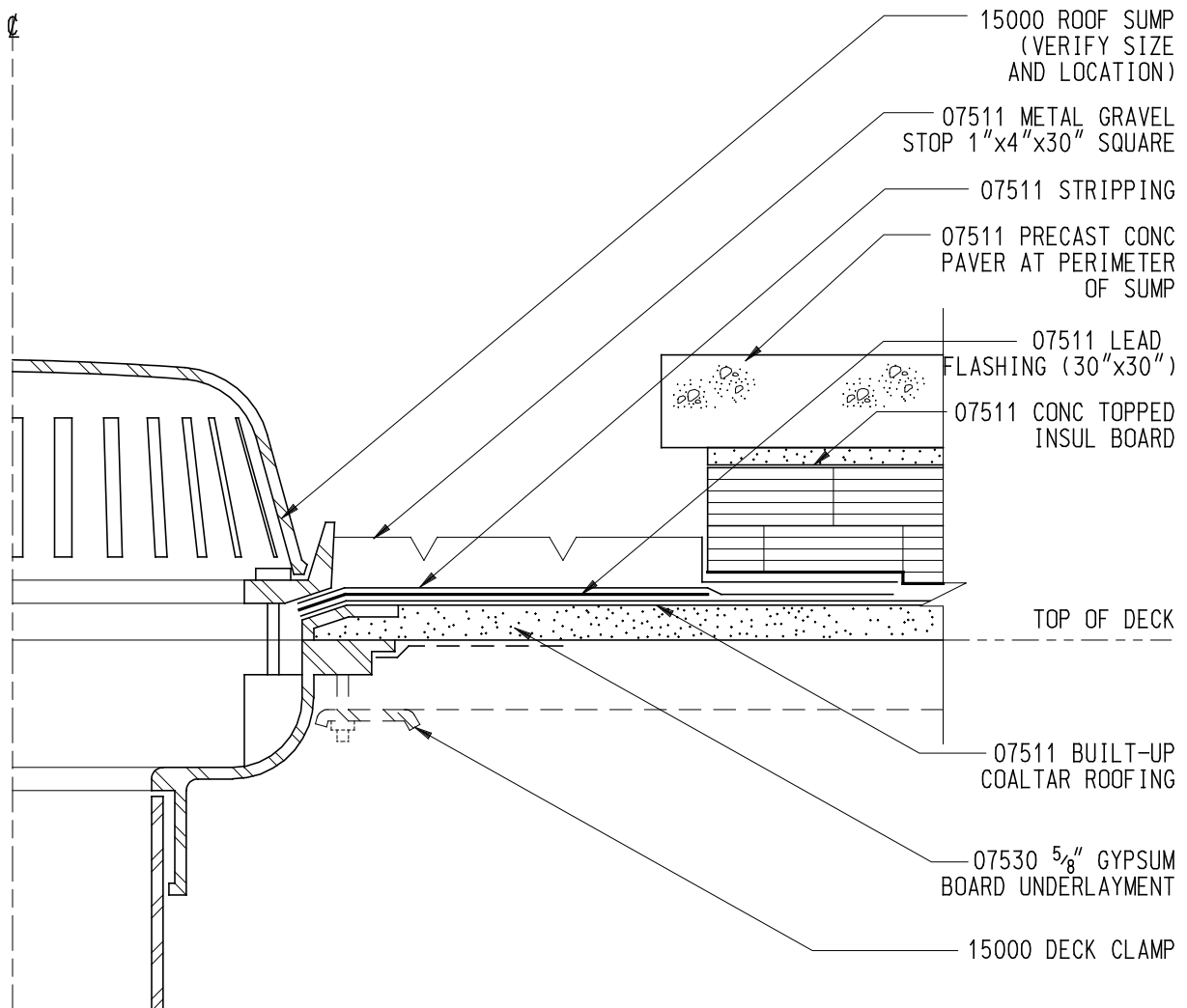


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Notes / Instructions

UTILIZES "LIGHTGUARD" MORTAR FACED INSUL BOARD
BY T. CLEAR CORP

Standard Detail



ROOF SUMP

BUILT-UP PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

07803

Date

1-23-02

Department

Architecture

Detail No.

07-803

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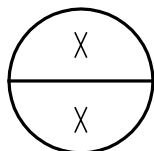
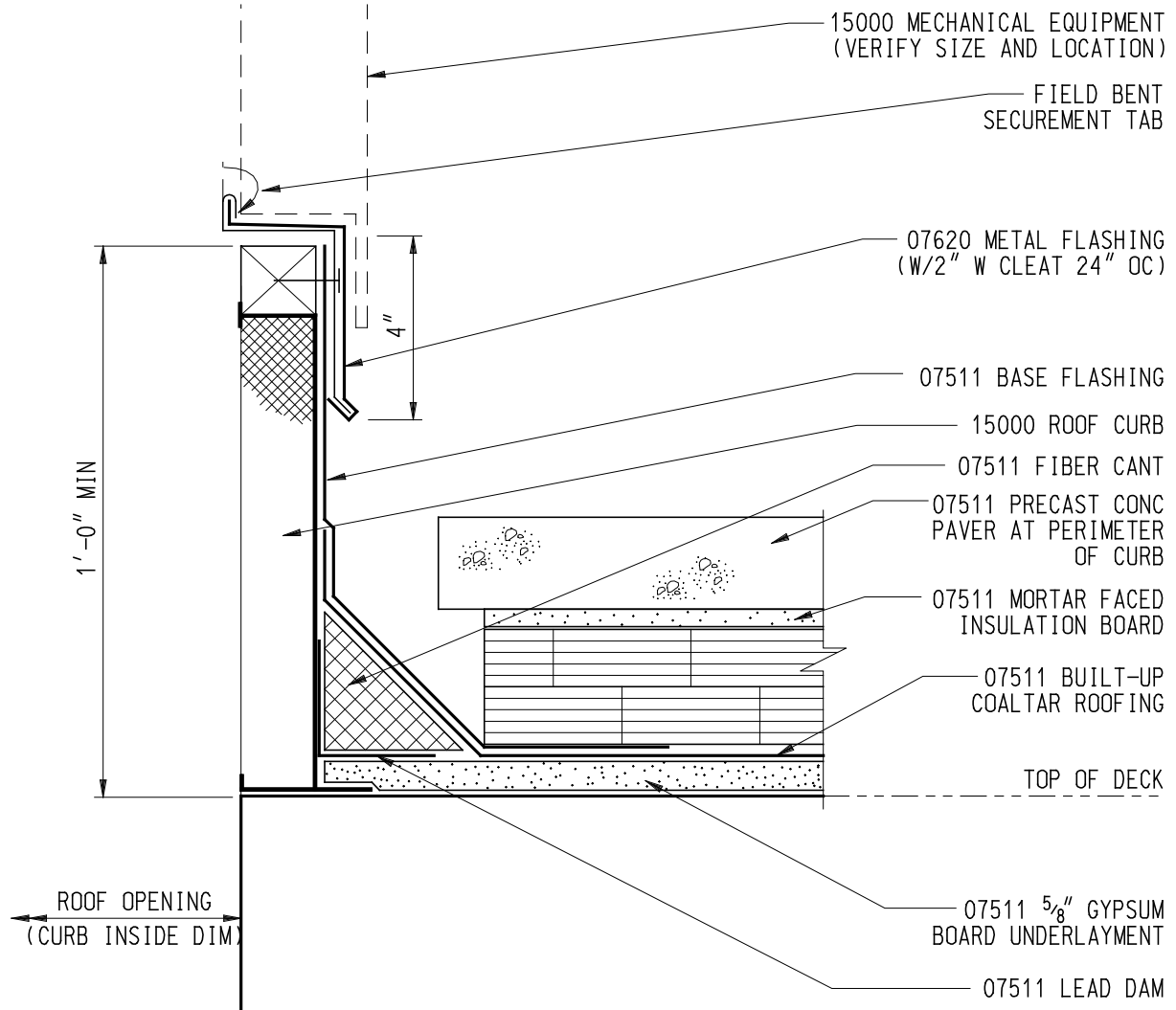


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Notes / Instructions

UTILIZES "LIGHTGUARD" MORTAR FACED INSUL BOARD
BY T. CLEAR CORP

Standard Detail



ROOF CURB

BUILT-UP PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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ARCH08.CEL

Cell Name

07804

Date

1-23-02

Department

Architecture

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07-804

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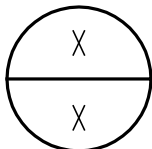
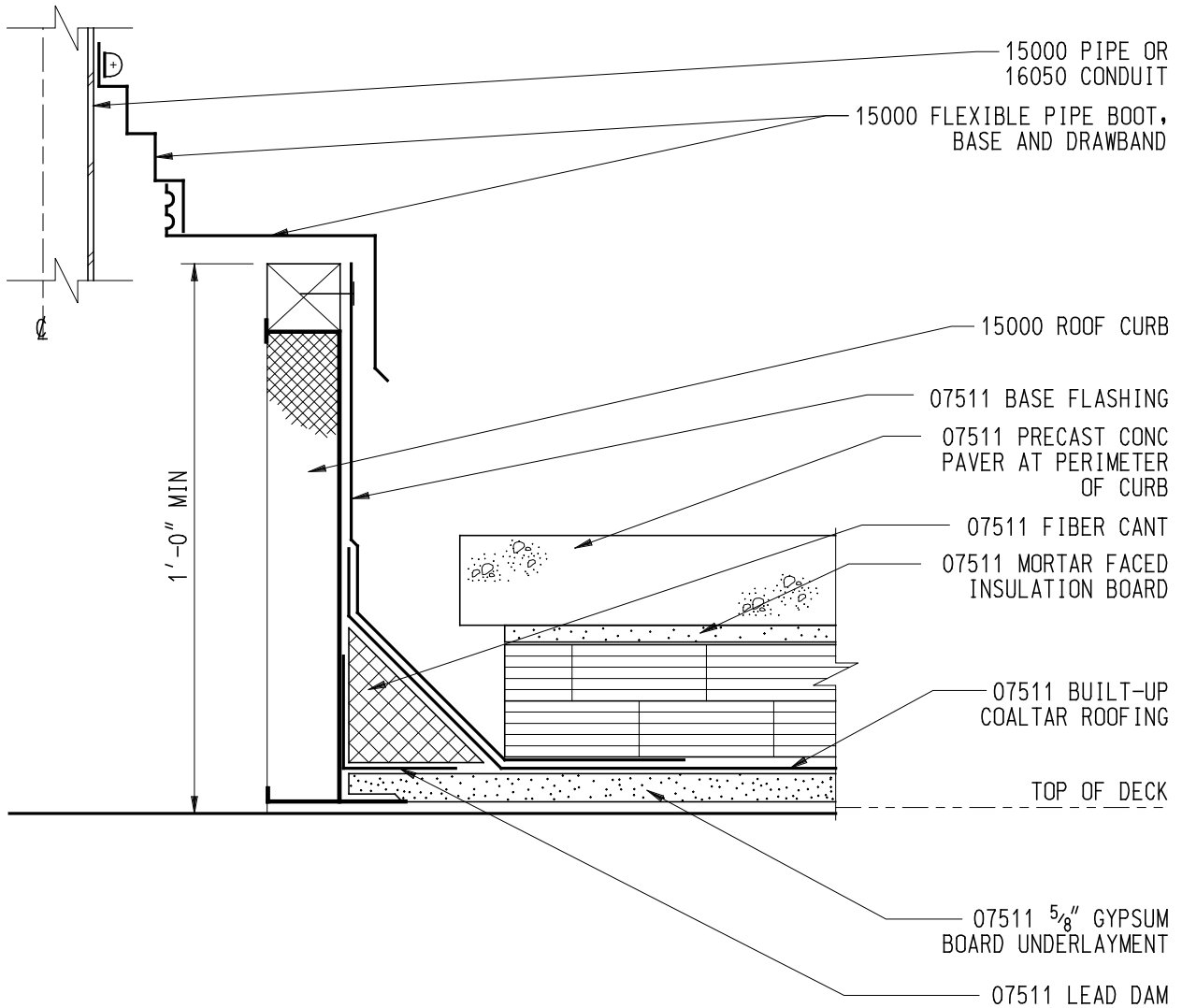


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

UTILIZES "LIGHTGUARD" MORTAR FACED INSUL BOARD
BY T. CLEAR CORP

Standard Detail



ROOF CURB W/ PIPE BOOT

BUILT-UP PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

07814

Date

1-23-02

Department

Architecture

Detail No.

07-814

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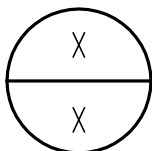
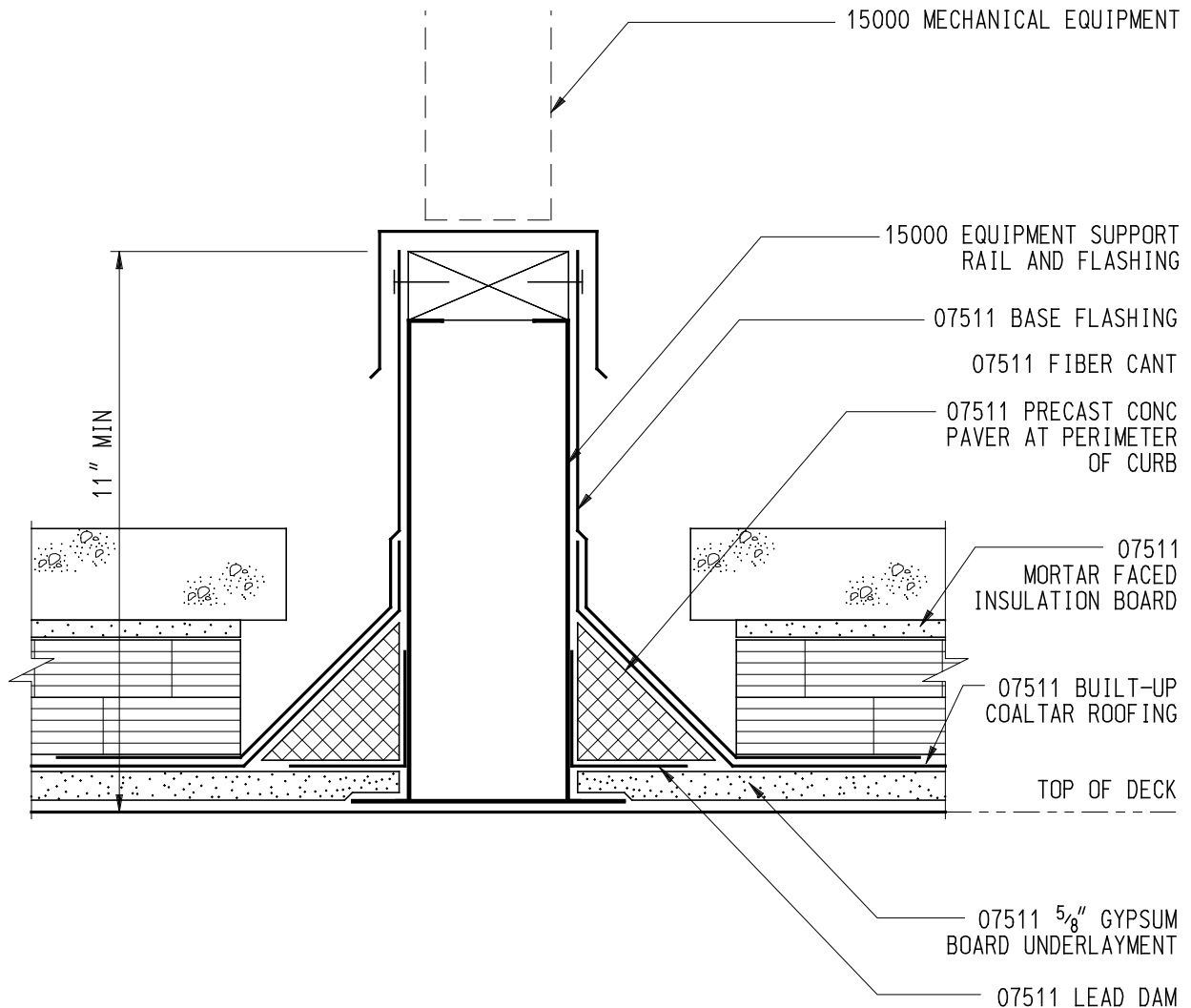


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

UTILIZES "LIGHTGUARD" MORTAR FACED INSUL BOARD
BY T. CLEAR CORP

Standard Detail



EQUIPMENT SUPPORT RAIL

BUILT-UP PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

07814

Date

1-23-02

Department

Architecture

Detail No.

07-815

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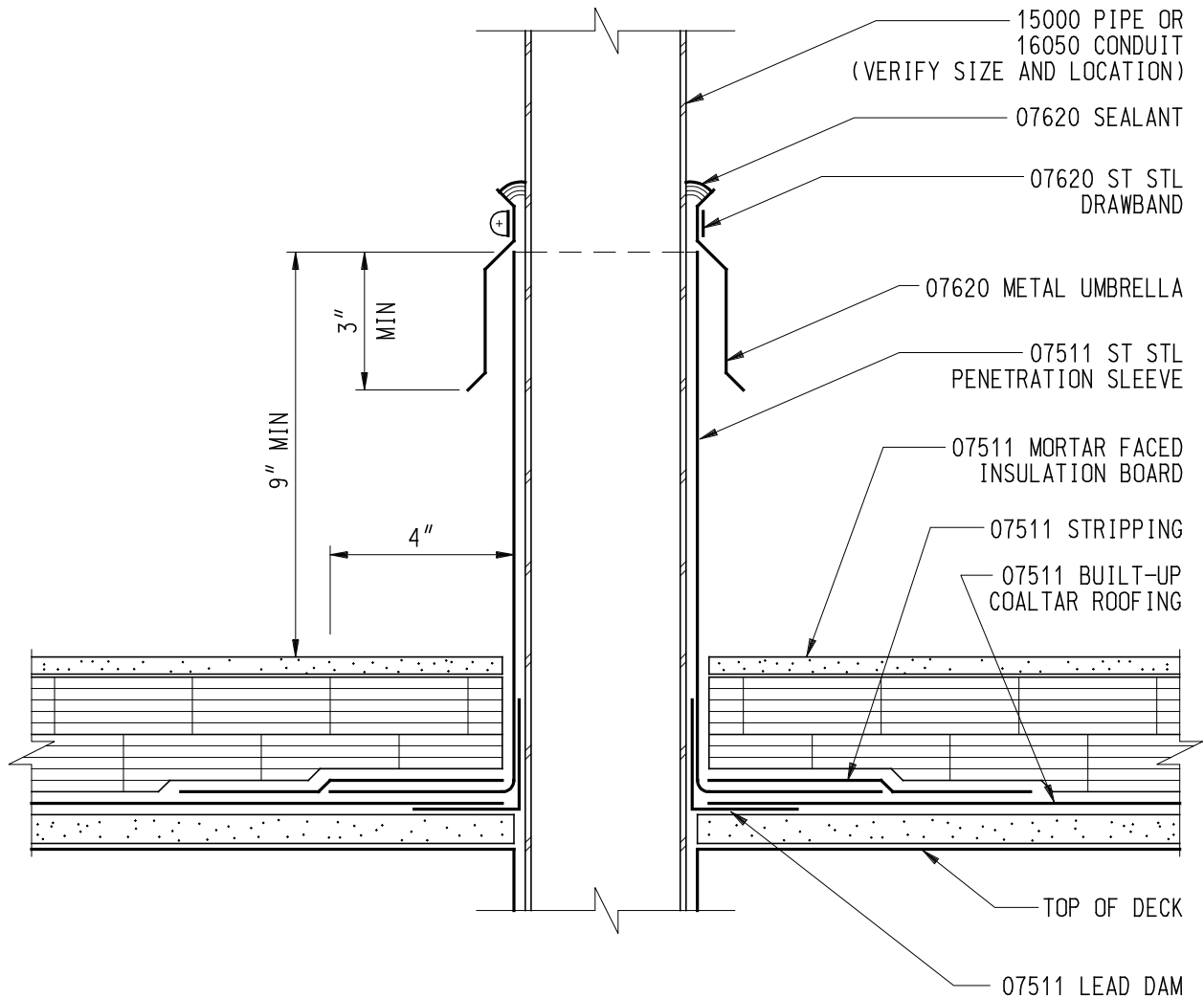


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

UTILIZES "LIGHTGUARD" MORTAR FACED INSUL BOARD
BY T. CLEAR CORP

Standard Detail



TYPICAL PIPE & CONDUIT THRU ROOF

BUILT-UP PROTECTED MEMBRANE ROOFING

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

07818

Date

1-23-02

Department

Architecture

Detail No.

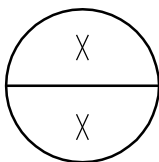
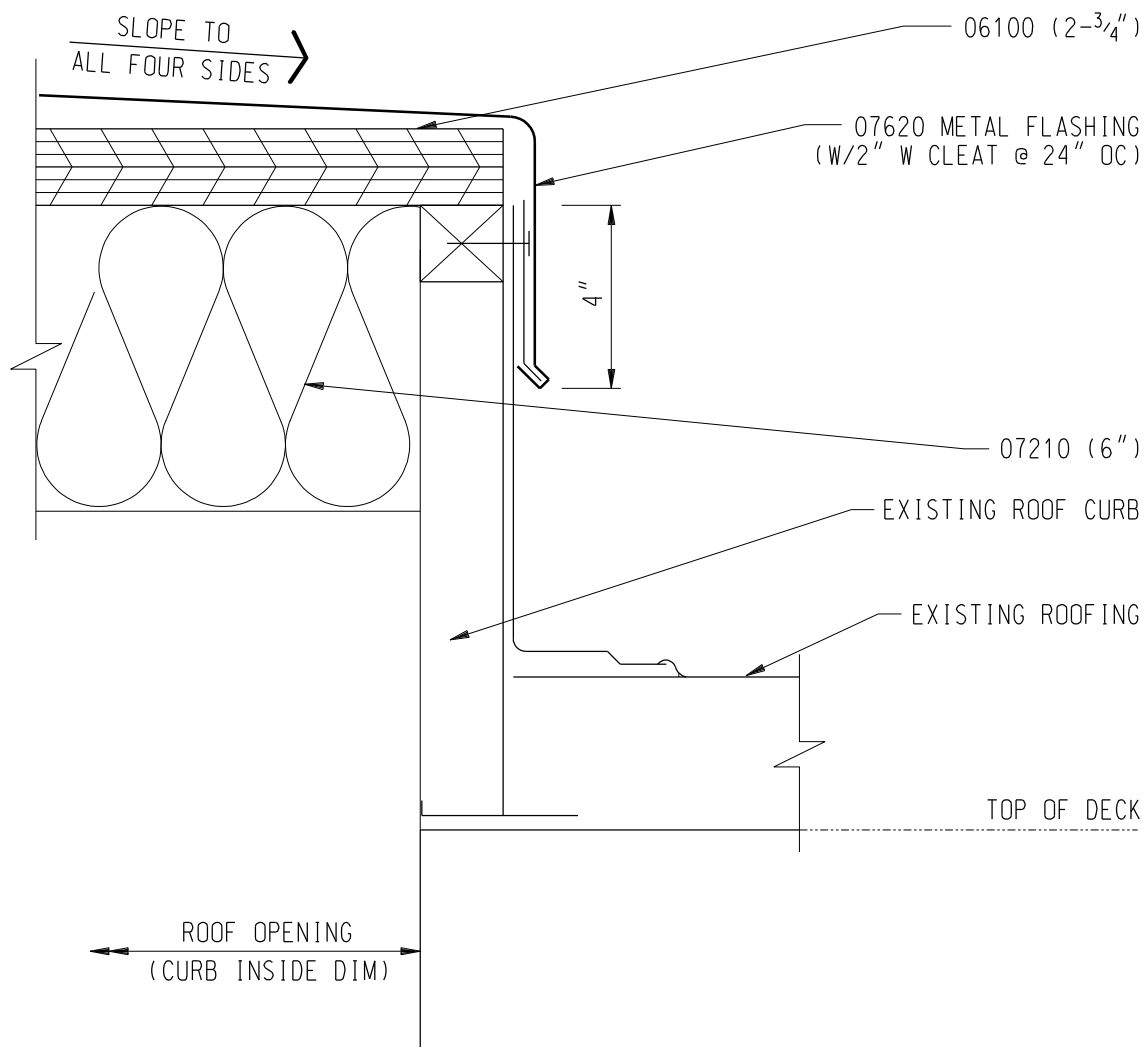
07-818

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SHOW ON ROOF PLAN

MAXIMUM OPENING FOR 2 LAYERS 3/4" PLYWOOD = 4'-0"x4'-0"

Standard Detail



EXISTING ROOF CURB CAP

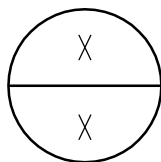
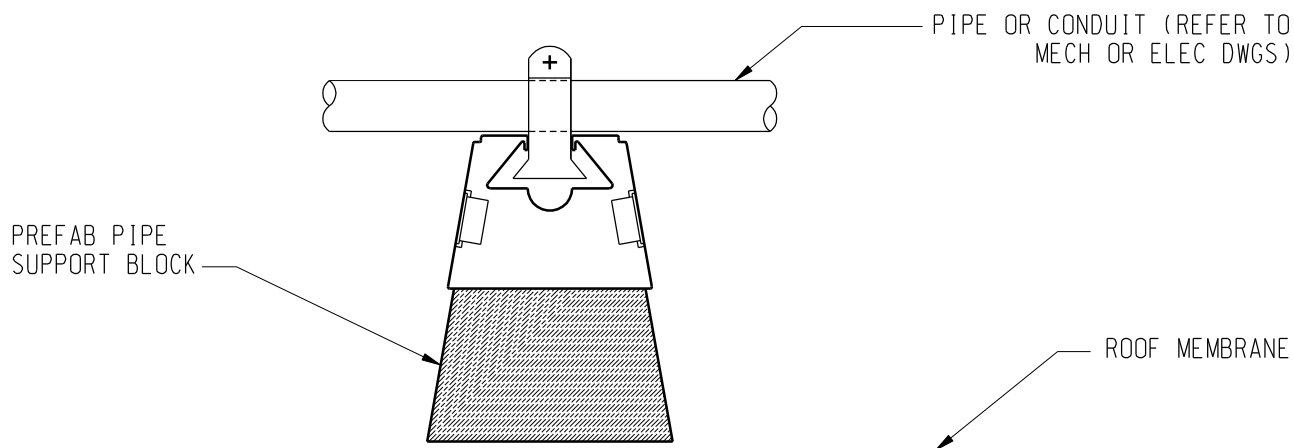
3" = 1'-0"

ERICO, INC. PIPE PIER

COORD SPACING WITH MECHANICAL AND ELECTRICAL

SHOW LOCATIONS ON ROOF PLAN

Standard Detail



PIPE OR CONDUIT SUPPORT ON ROOF

3" = 1'-0"

USE FOR PARAPET WIDTHS 12" OR LESS

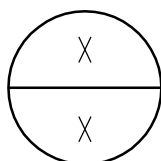
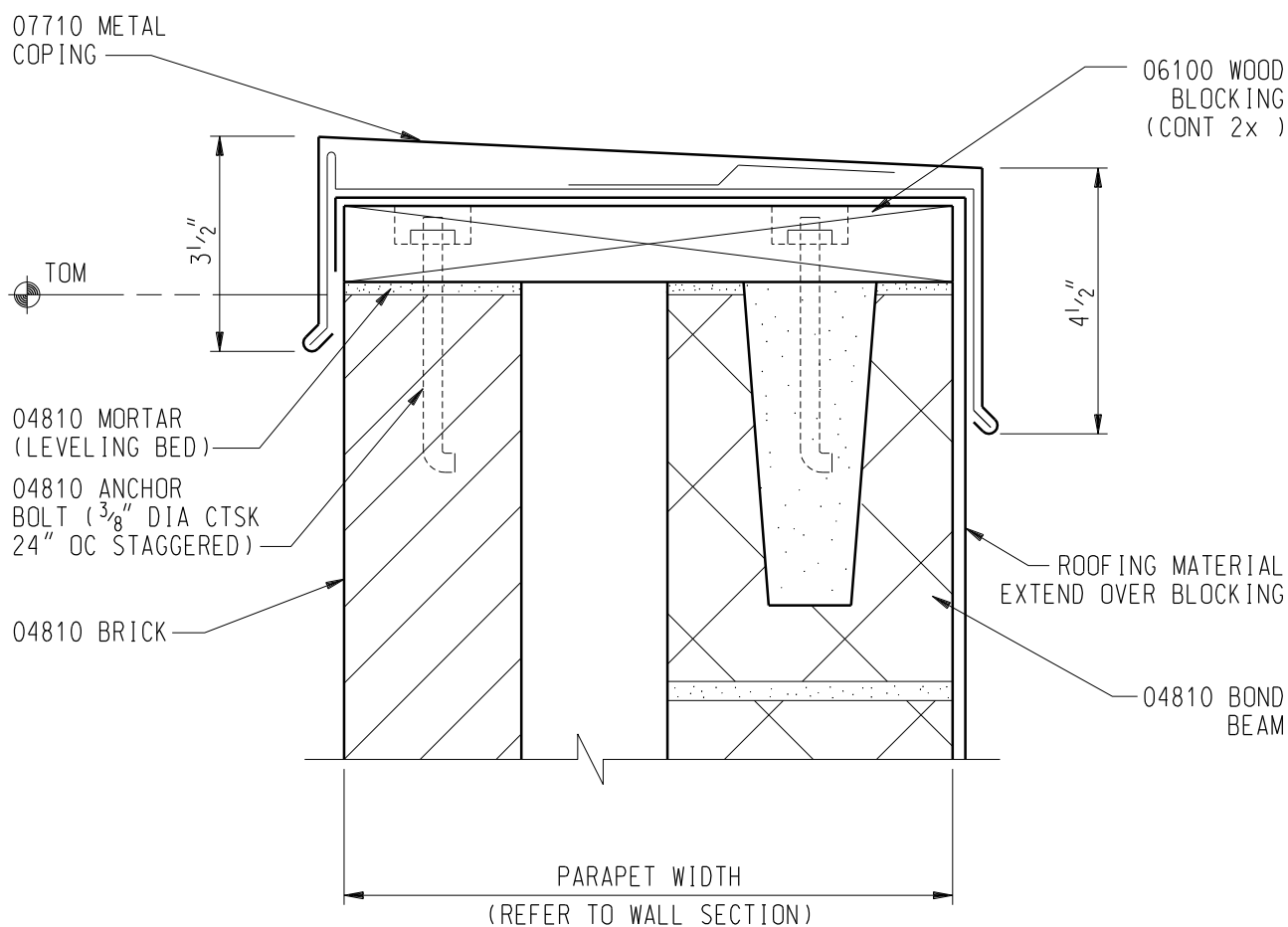
VERIFY PARAPET CONSTRUCTION

VERIFY DIMENSIONS FOR COPING HEIGHT W/DESIGN

NOTE PARAPET WIDTH AND BOND BEAM REINFORCING ON

WALL SECTION

Standard Detail



METAL COPING

3" = 1'-0"

USE FOR PARAPET WIDTHS 12" OR LESS

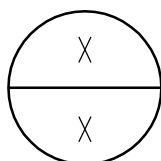
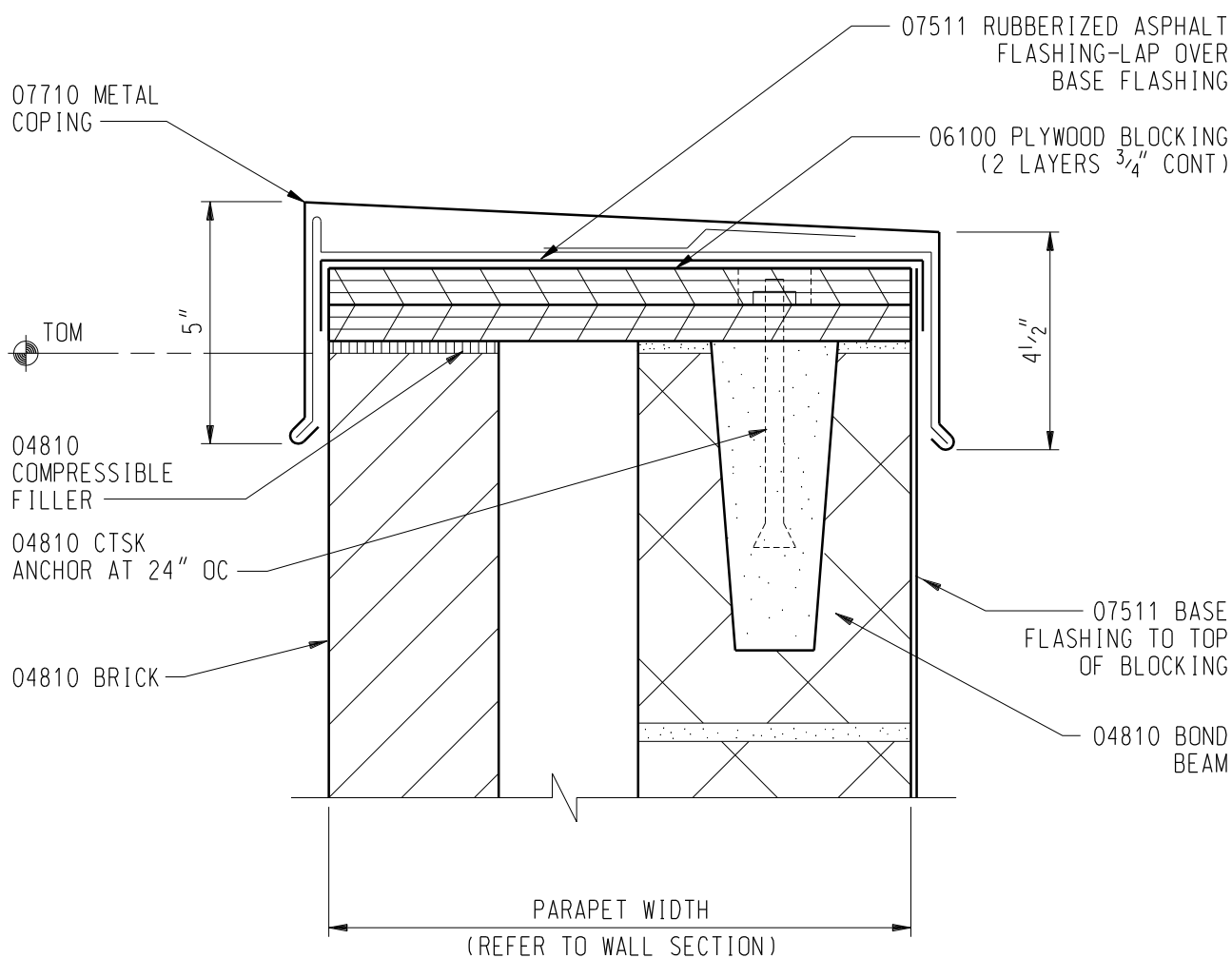
VERIFY PARAPET CONSTRUCTION

VERIFY DIMENSIONS FOR COPING HEIGHT W/DESIGN

NOTE PARAPET WIDTH AND BOND BEAM REINFORCING ON

WALL SECTION

Standard Detail



METAL COPING

BUILT-UP ROOFING

3" = 1'-0"

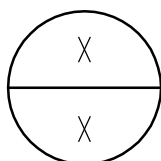
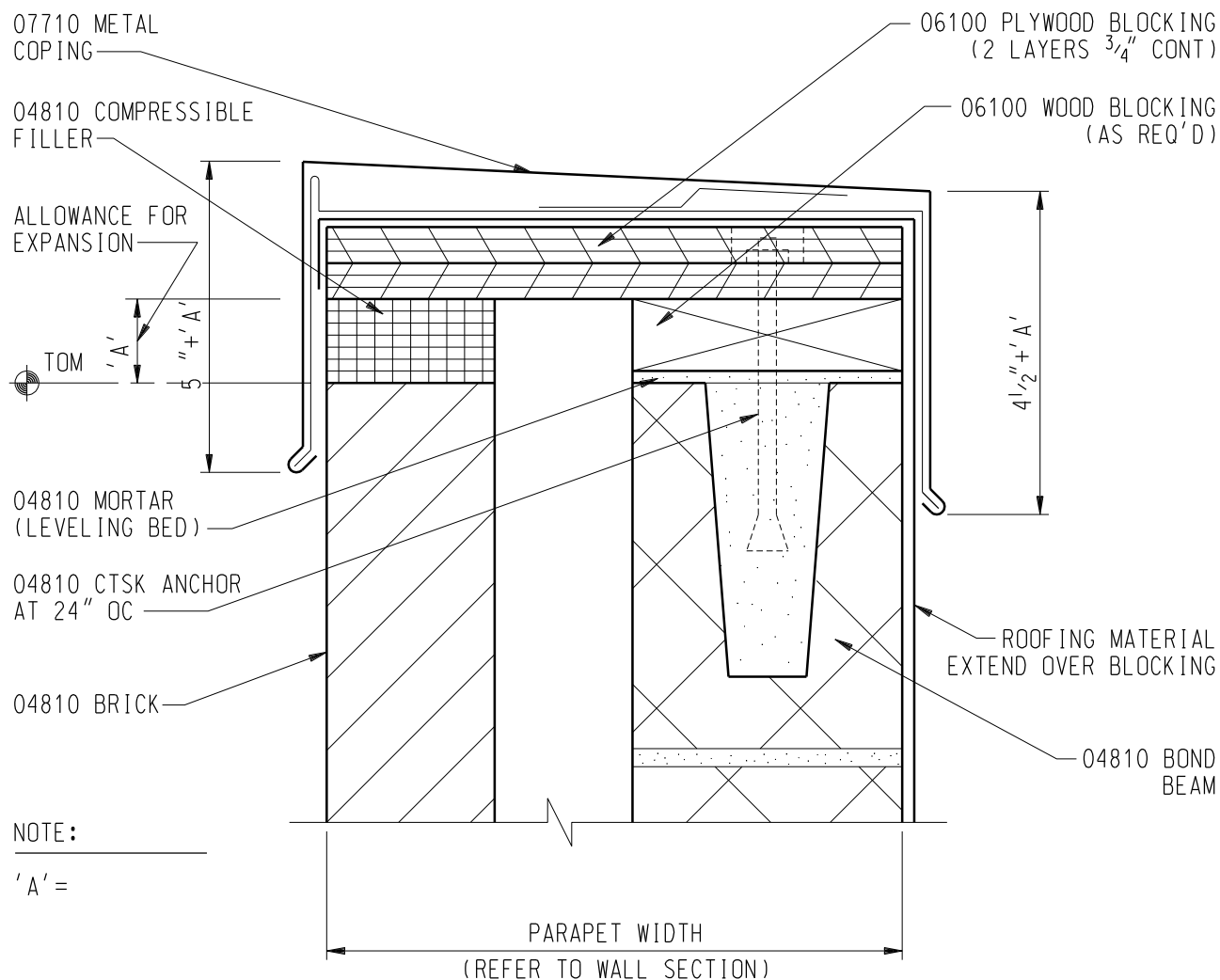
USE FOR PARAPET HEIGHTS GREATER THAN 1 STORY HIGH

ALLOWANCE FOR BRICK EXPANSION 'A' = 0.0004 x HEIGHT OF

WALL IN INCHES x 2

FILL-IN VALUE FOR 'A' BELOW 'NOTE'

Standard Detail



METAL COPING

3" = 1'-0"

VERIFY PARAPET CONSTRUCTION

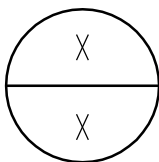
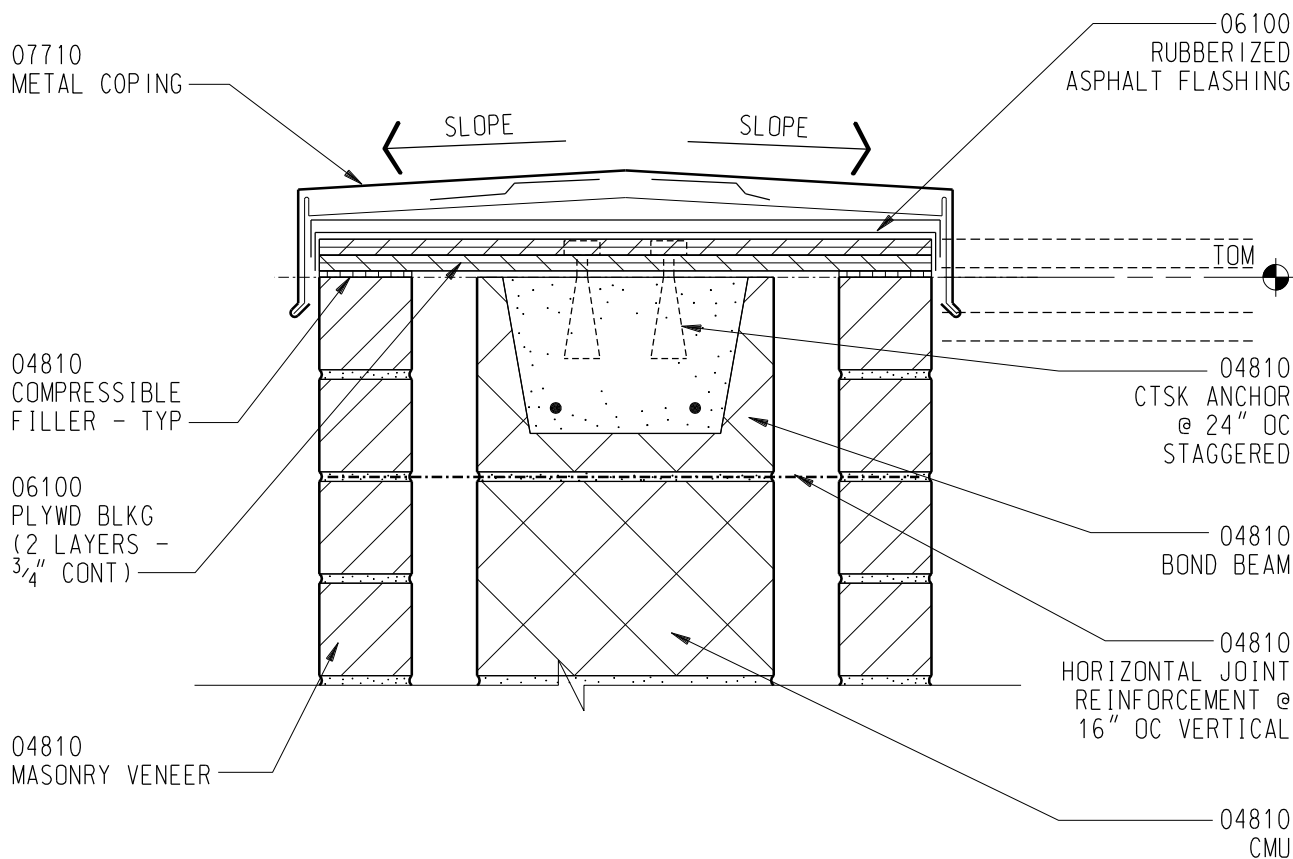
VERIFY DIMENSIONS FOR COPING HEIGHT

NOTE PARAPET WIDTH AND BOND BEAM REINFORCING

ON WALL SECTION

Standard Detail

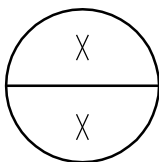
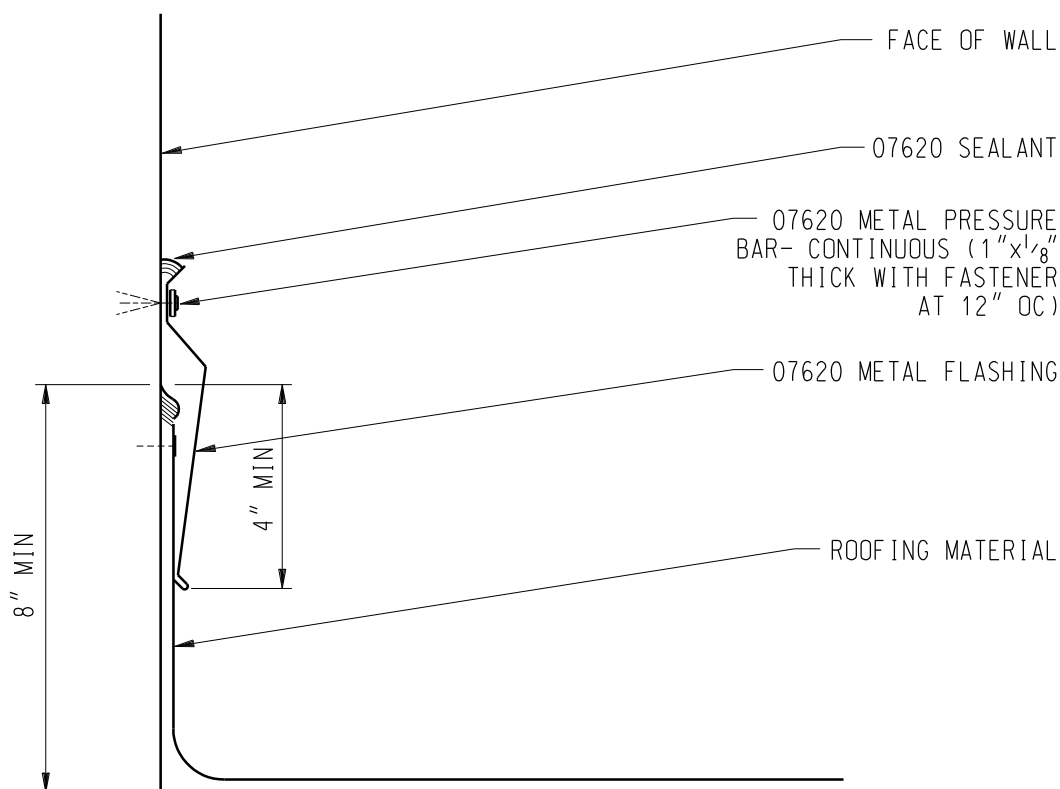
REFER TO WALL SECTIONS



METAL COPING

1 1/2" = 1'-0"

Standard Detail



SURFACE MOUNTED FLASHING AT WALL

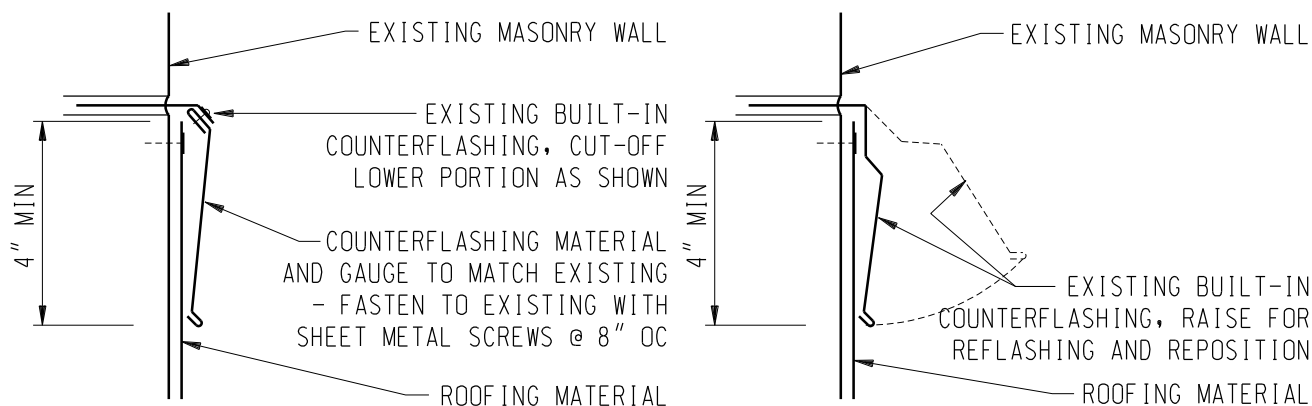
3" = 1'-0"

USE FOR REROOFING PROJECTS WHERE EXISTING METAL

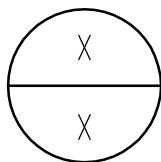
FLASHING IS RETAINED

REFERENCE FROM WALL SECTION OR ROOF PLAN

Standard Detail



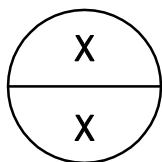
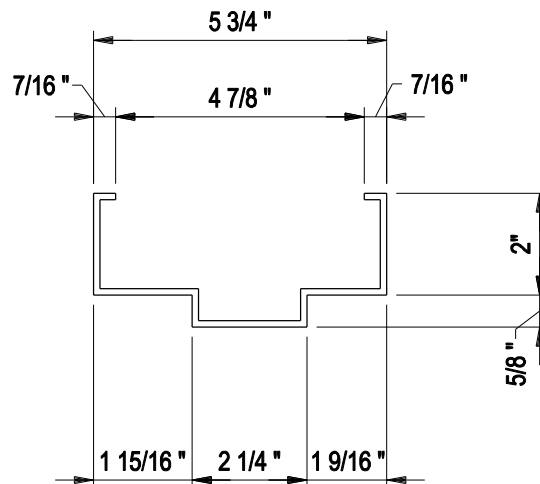
ALTERNATE METHOD

**EXISTING FLASHING AT WALL**

3" = 1'-0"

Notes / Instructions

Standard Detail



FRAME - HM

3" = 1'-0"

Cell Library

ARCH08.CEL

Cell Name

08021

Date

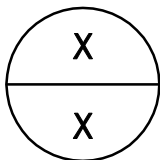
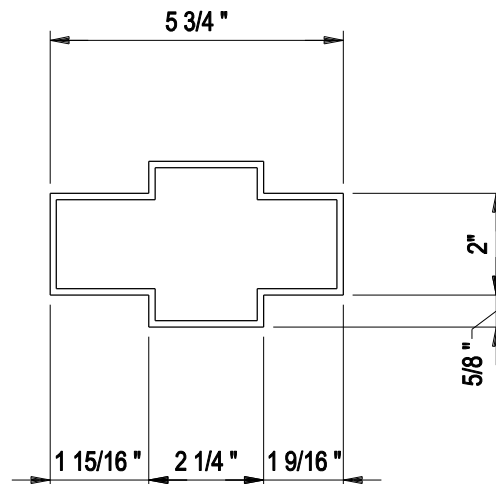
04/2019

Detail Number

08-021

Notes / Instructions

Standard Detail



FRAME - HM

3" = 1'-0"

Cell Library

ARCH08.CEL

Cell Name

08022

Date

04/2019

Detail Number

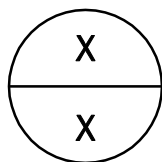
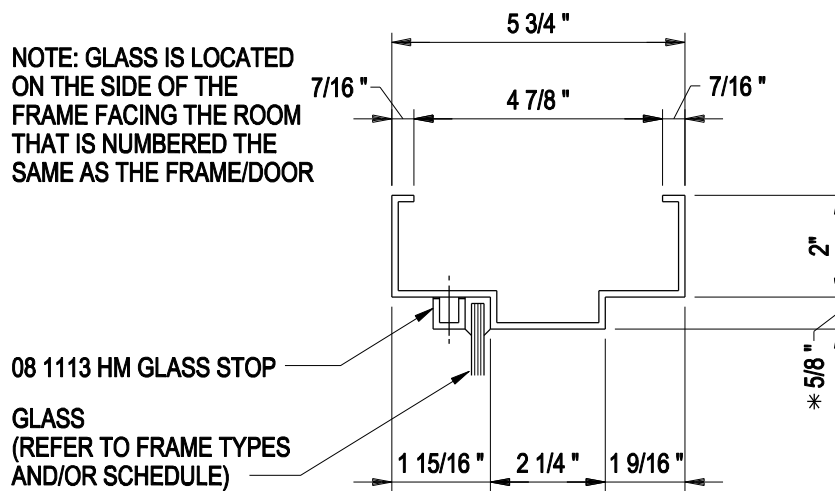
08-022

REFER TO 08-001R FOR GLASS SIDELIGHT AND TRANSOM

LIMITATIONS AT RATED FRAMES

READ NOTE REGARDING GLASS LOCATION AND NUMBER DOORS
ACCORDINGLY

Standard Detail

**FRAME - HM W/ GLASS**

3" = 1'-0"

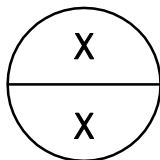
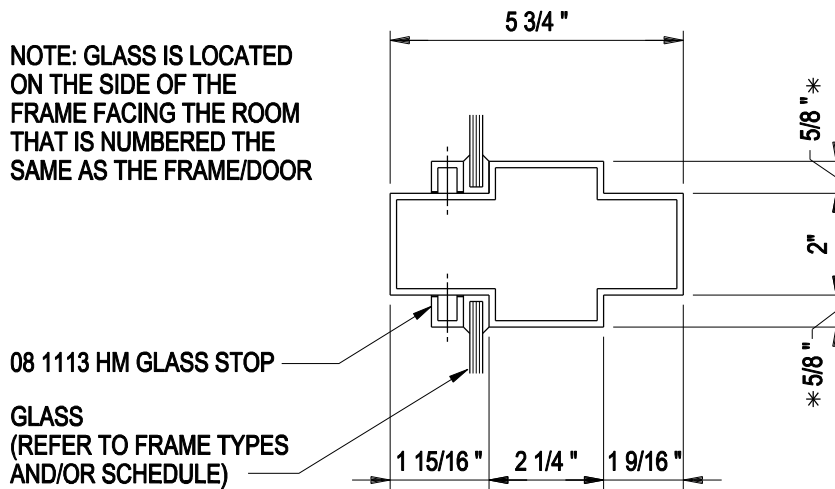
* PROVIDE $\frac{3}{4}$ " GLASS STOPS AT 'C' LABEL FRAMES
WHEN THE GLASS AREA EXCEEDS 500 SQ IN

REFER TO 08-001R FOR GLASS SIDELIGHT AND TRANSOM

LIMITATIONS AT RATED FRAMES

READ NOTE REGARDING GLASS LOCATION AND NUMBER DOORS
ACCORDINGLY

Standard Detail

**FRAME - HM W/ GLASS**

3" = 1'-0"

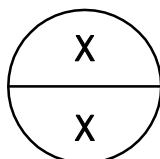
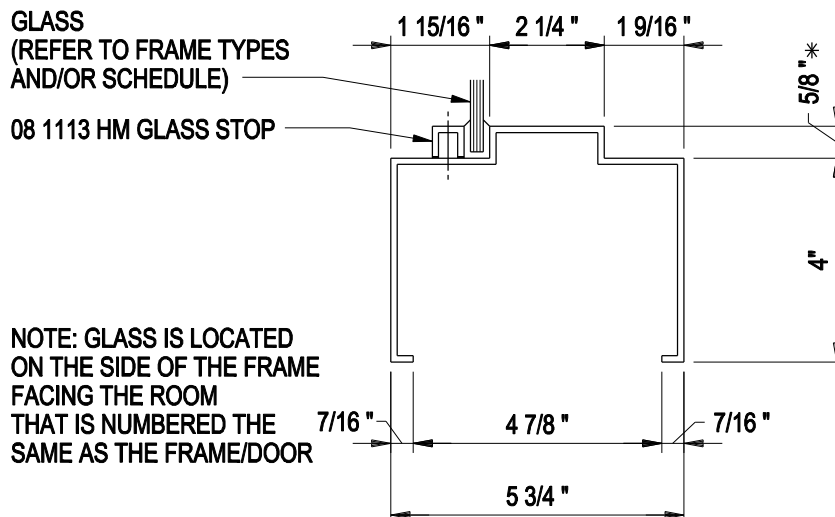
* PROVIDE 3/4" GLASS STOPS AT 'C' LABEL FRAMES
WHEN THE GLASS AREA EXCEEDS 500 SQ IN

REFER TO 08-001R FOR GLASS SIDELIGHT AND TRANSOM

LIMITATIONS AT RATED FRAMES

READ NOTE REGARDING GLASS LOCATION AND NUMBER DOORS
ACCORDINGLY

Standard Detail

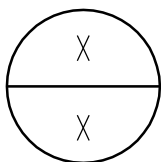
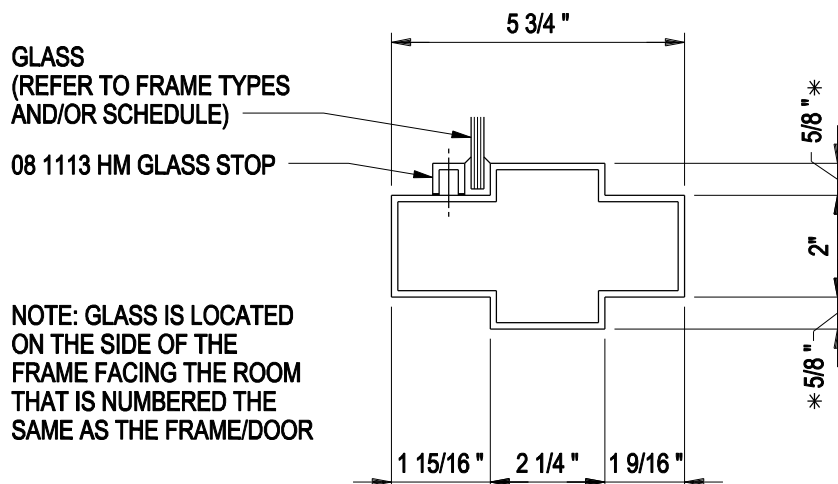


FRAME - HM BASE W/ GLASS

3" = 1'-0"

* PROVIDE 3/4" GLASS STOPS AT 'C' LABEL FRAMES
WHEN THE GLASS AREA EXCEEDS 500 SQ IN

Standard Detail

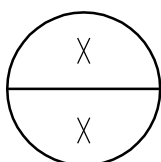
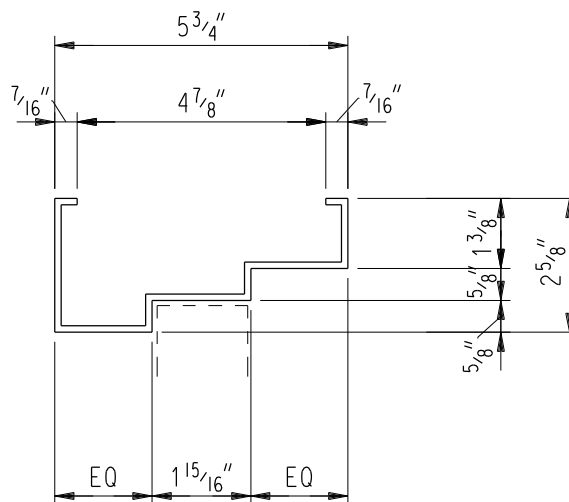


FRAME - HM W/ GLASS

3" = 1'-0"

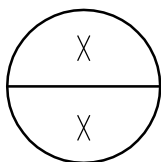
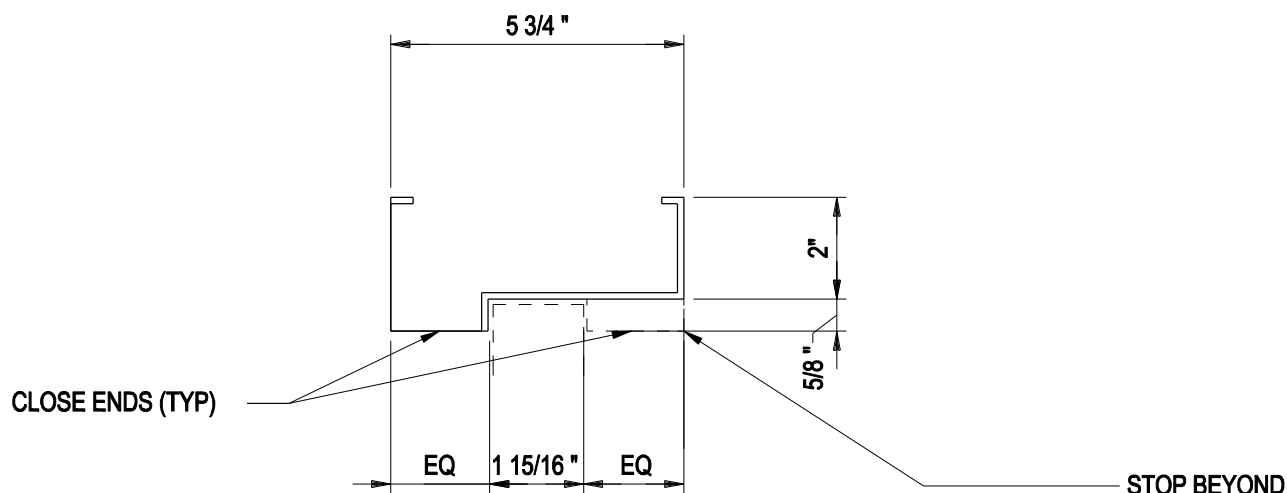
* PROVIDE 3/4" GLASS STOPS AT 'C' LABEL FRAMES
WHEN THE GLASS AREA EXCEEDS 500 SQ IN

Standard Detail



FRAME - HM DOUBLE EGRESS JAMB

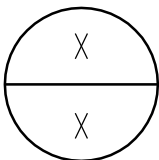
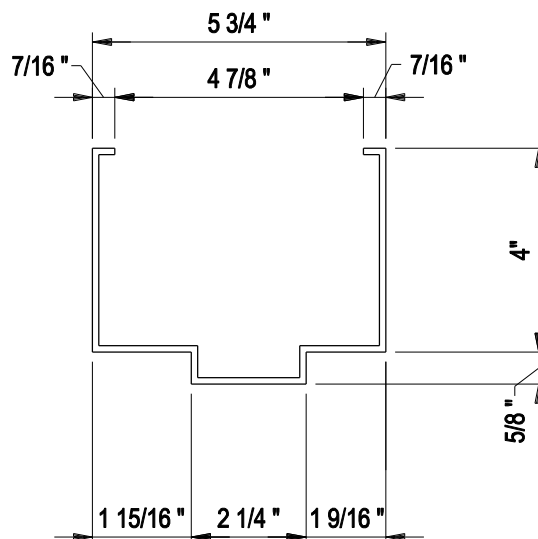
3" = 1'-0"



FRAME - HM DOUBLE EGRESS HEAD

3" = 1'-0"

Standard Detail

**FRAME - HM**

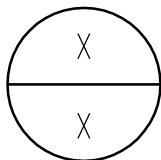
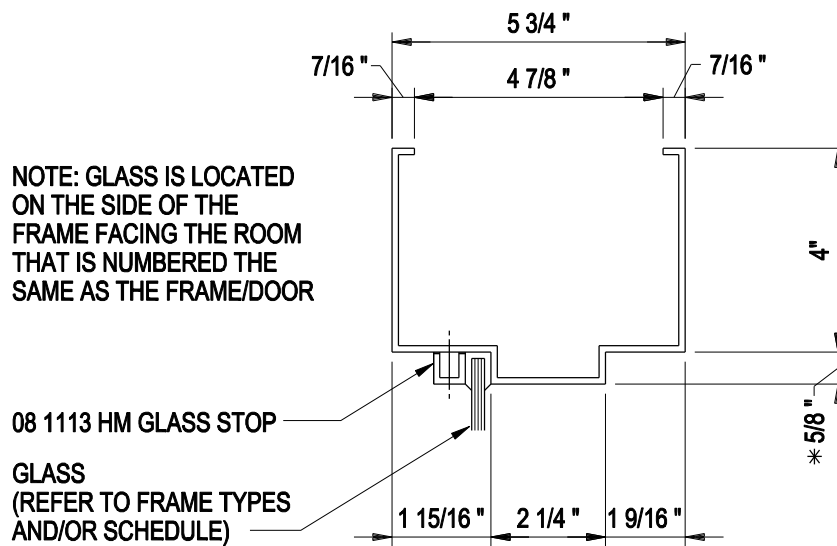
3" = 1'-0"

REFER TO 08-001R FOR GLASS SIDELIGHT AND TRANSOM

LIMITATIONS AT RATED FRAMES

READ NOTE REGARDING GLASS LOCATION AND NUMBER DOORS
ACCORDINGLY

Standard Detail

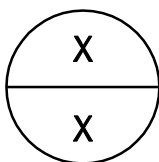
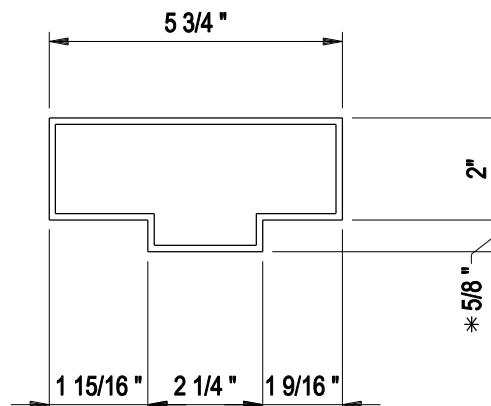
**FRAME - HM W/ GLASS**

3" = 1'-0"

* PROVIDE $\frac{3}{4}$ " GLASS STOPS AT 'C' LABEL FRAMES
WHEN THE GLASS AREA EXCEEDS 500 SQ IN

Notes / Instructions

Standard Detail



FRAME - HM

3" = 1'-0"

Cell Library

ARCH08.CEL

Cell Name

08030

Date

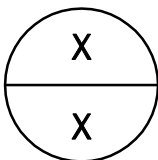
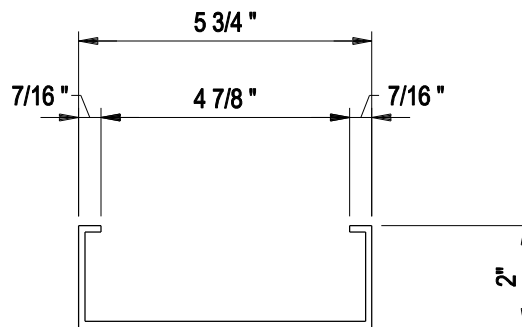
04/2019

Detail Number

08-030

Notes / Instructions

Standard Detail



FRAME - HM

3" = 1'-0"

Cell Library

ARCH08.CEL

Cell Name

08031

Date

04/2019

Detail Number

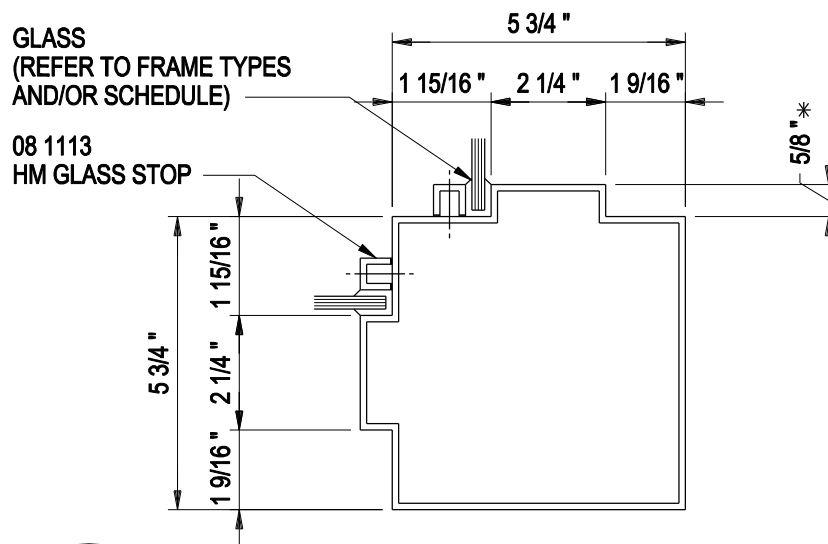
08-031

REFER TO 08-001R FOR GLASS SIDELIGHT AND TRANSOM

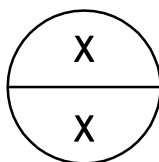
LIMITATIONS AT RATED FRAMES

READ NOTE REGARDING GLASS LOCATION AND NUMBER DOORS
ACCORDINGLY

Standard Detail



NOTE: GLASS IS LOCATED
ON THE SIDE OF THE
FRAME FACING THE ROOM
THAT IS NUMBERED THE
SAME AS THE FRAME/DOOR

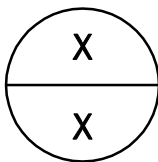
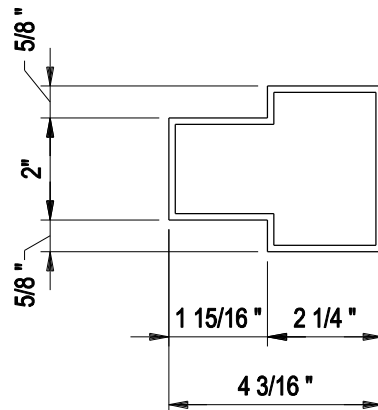


FRAME - HM CORNER W/ GLASS

3" = 1'-0"

* PROVIDE 3/4" GLASS STOPS AT 'C' LABEL FRAMES
WHEN THE GLASS AREA EXCEEDS 500 SQ IN

Standard Detail

**FRAME - HM REMOVABLE MULL**

3" = 1'-0"

REFER TO 08-001R FOR GLASS SIDELIGHT AND TRANSOM

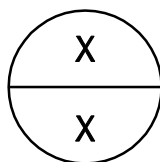
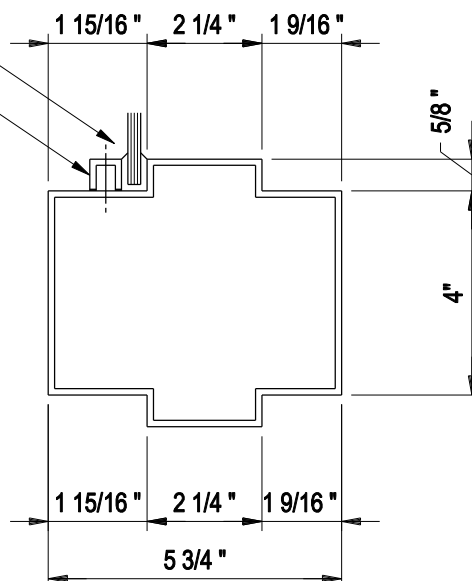
LIMITATIONS AT RATED FRAMES

READ NOTE REGARDING GLASS LOCATION AND NUMBER DOORS
ACCORDINGLY

Standard Detail

GLASS
(REFER TO FRAME TYPES
AND/OR SCHEDULE)

08 1113 HM GLASS STOP

NOTE: GLASS IS LOCATED
ON THE SIDE OF THE
FRAME FACING THE ROOM
THAT IS NUMBERED THE
SAME AS THE FRAME/DOOR**FRAME - HM W/ GLASS**

3" = 1'-0"

USE AT METAL OR WOOD STUD PARTITIONS

INCLUDE WITH DOOR DETAILS-

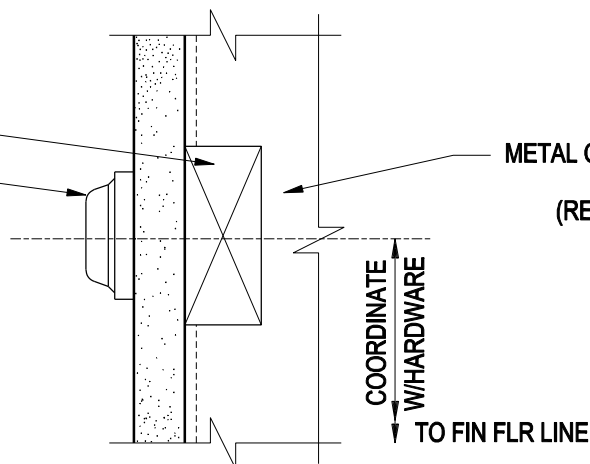
NO DETAIL REFERENCE REQUIRED

Standard Detail

06 1000 WOOD BLOCKING
(2x - REINFORCEMENT
SECURED TO STUDS)

08 7100 DOOR BUMPER

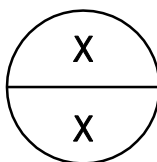
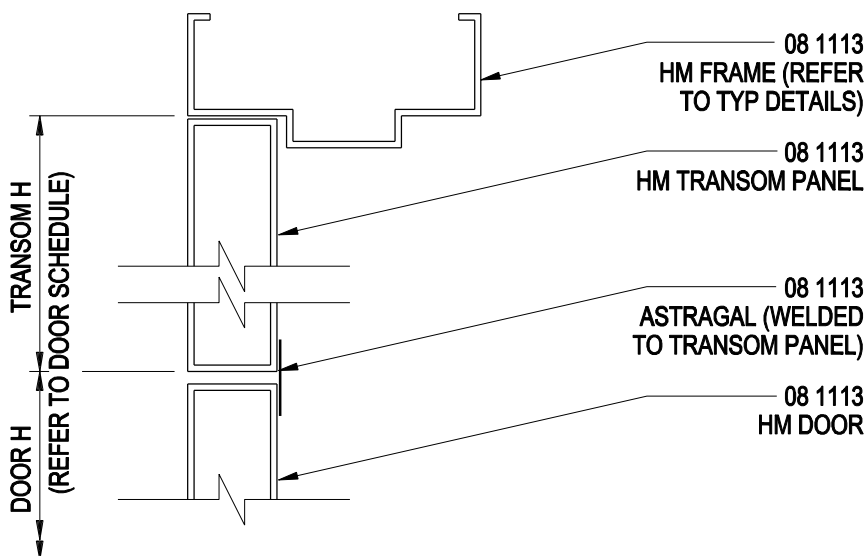
METAL OR WOOD STUD
PARTITION
(REFER TO PLANS)



TYPICAL DOOR BUMPER ANCHORAGE

3" = 1'-0"

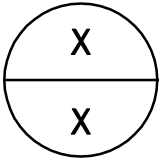
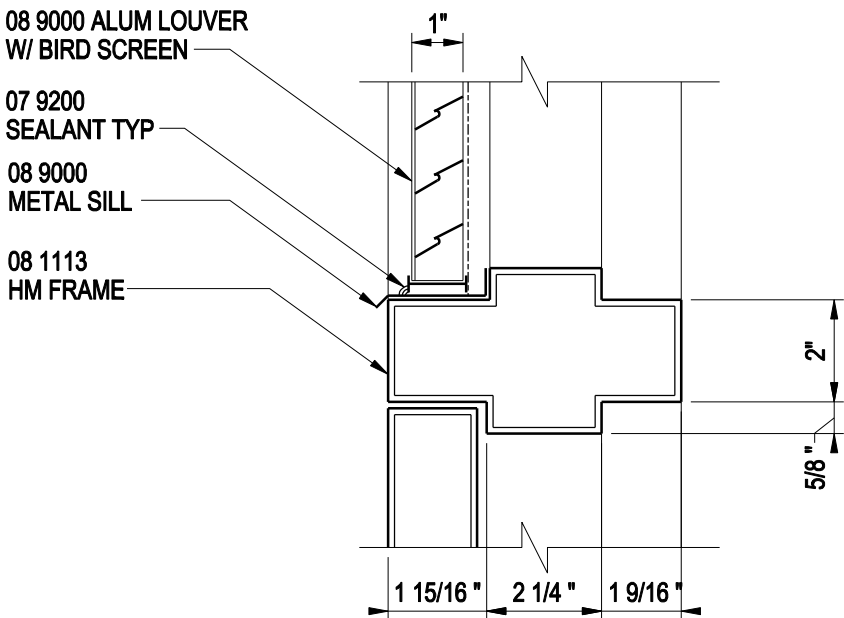
Standard Detail



DOOR - HM W/ TRANSOM

3" = 1'-0"

Standard Detail



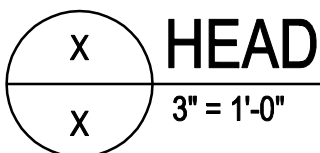
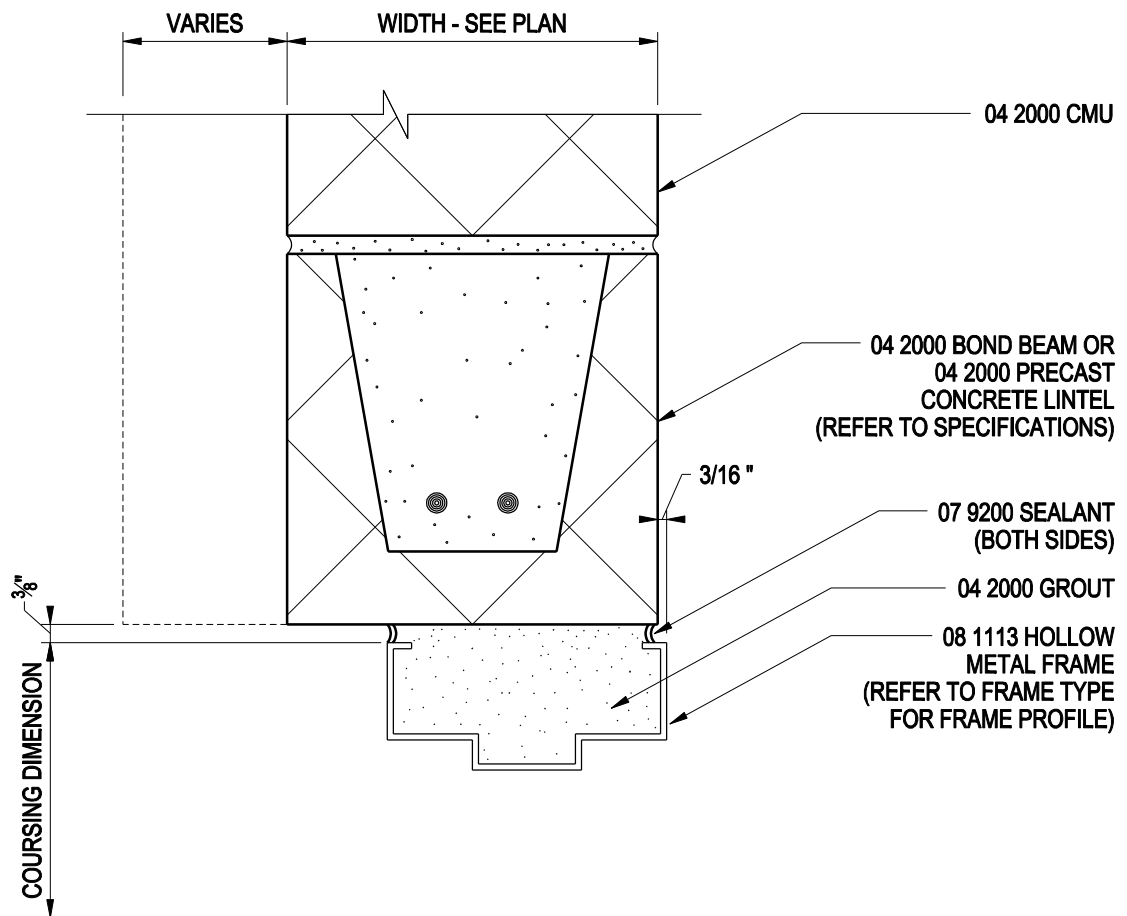
FRAME - HM W/ LOUVER TRANS

3" = 1'-0"

Notes / Instructions

DO NOT USE FOR CLEAR SPANS EXCEEDING 8'-8"

Standard Detail



Cell Library

ARCH08.CEL

Cell Name

08101

Date

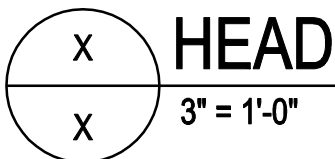
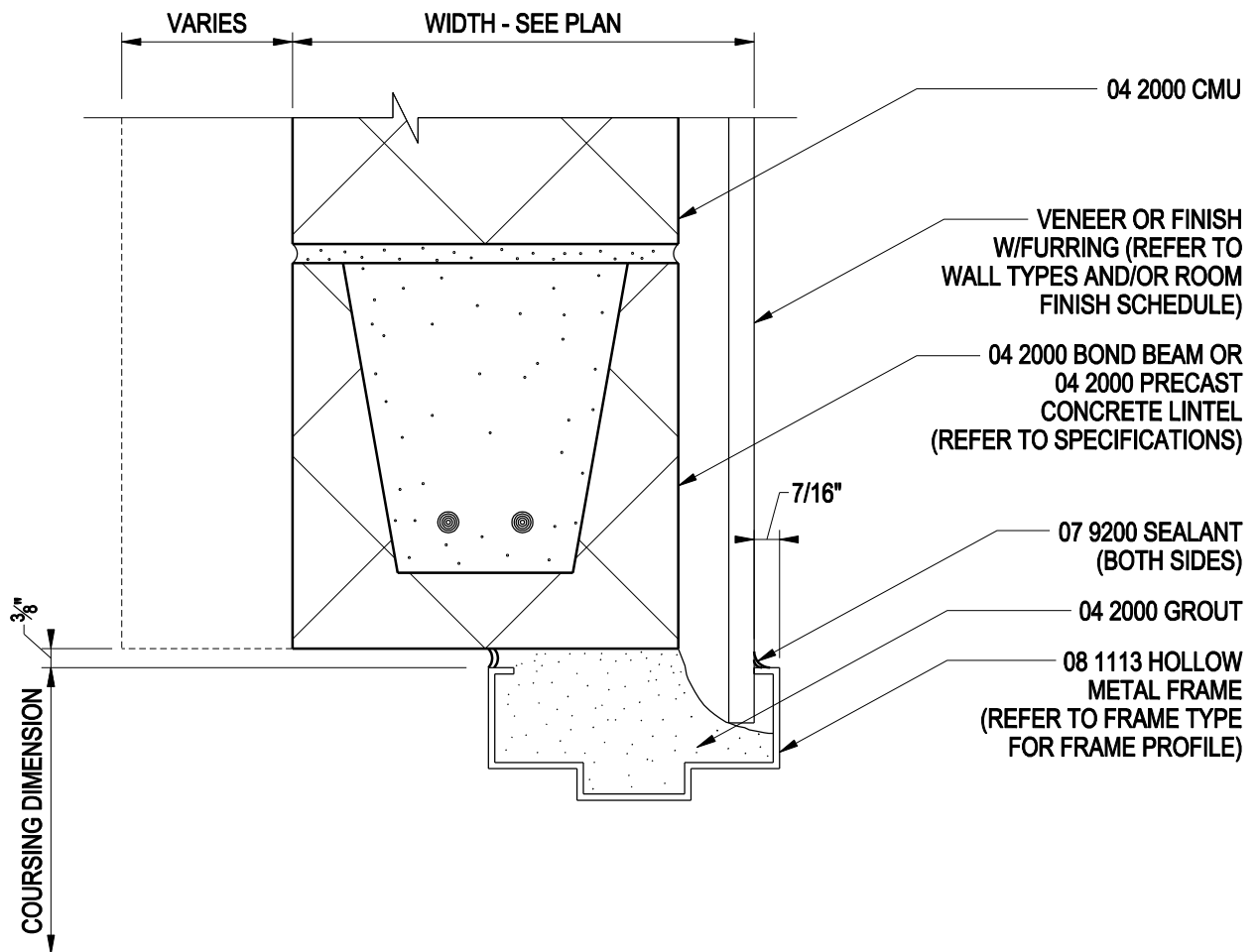
2019

Detail Number

08-101

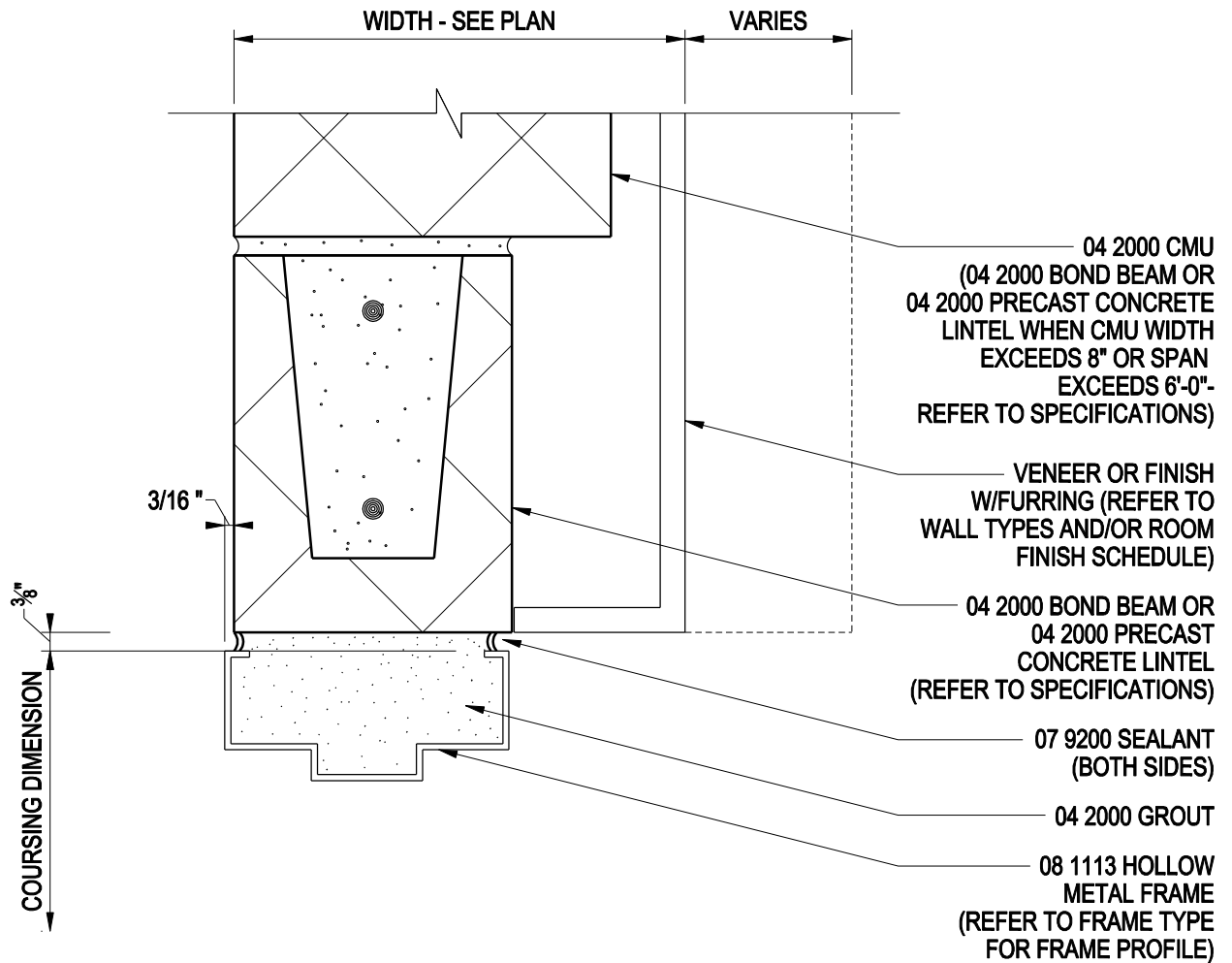
DO NOT USE FOR CLEAR SPANS EXCEEDING 8'-8"

Standard Detail



INSURE THAT FLOOR PLANS SHOW RELATIONSHIP OF FRAMES
TO FACE OF WALL AND DOOR SWING

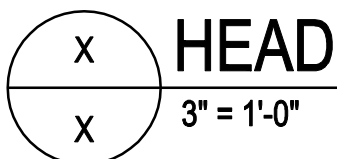
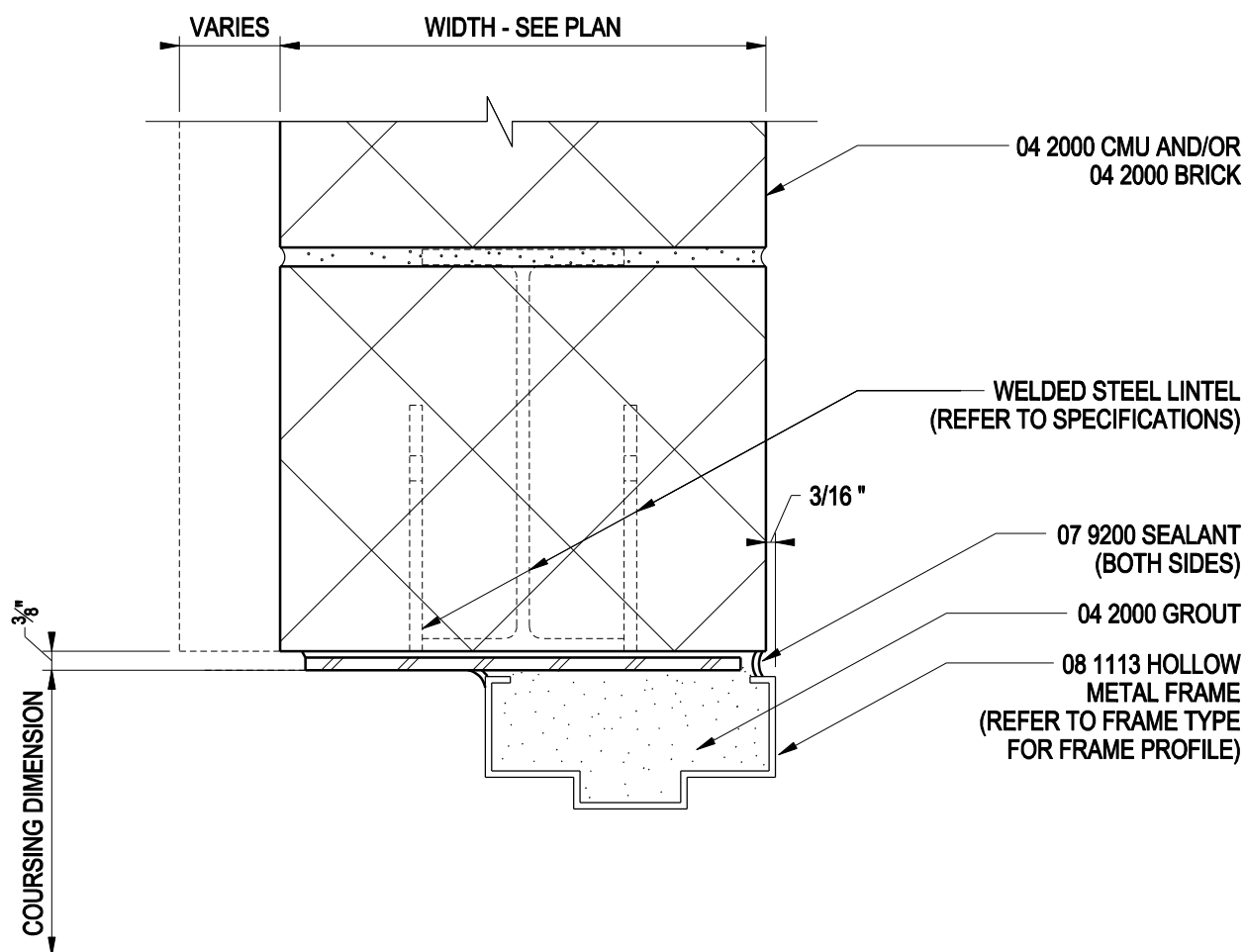
Standard Detail



X HEAD
X 3" = 1'-0"

INSURE THAT FLOOR PLANS SHOW RELATIONSHIP OF FRAMES
TO FACE OF WALL AND DOOR SWING

Standard Detail

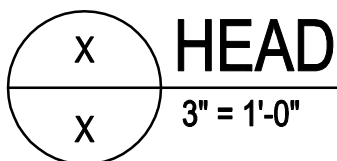
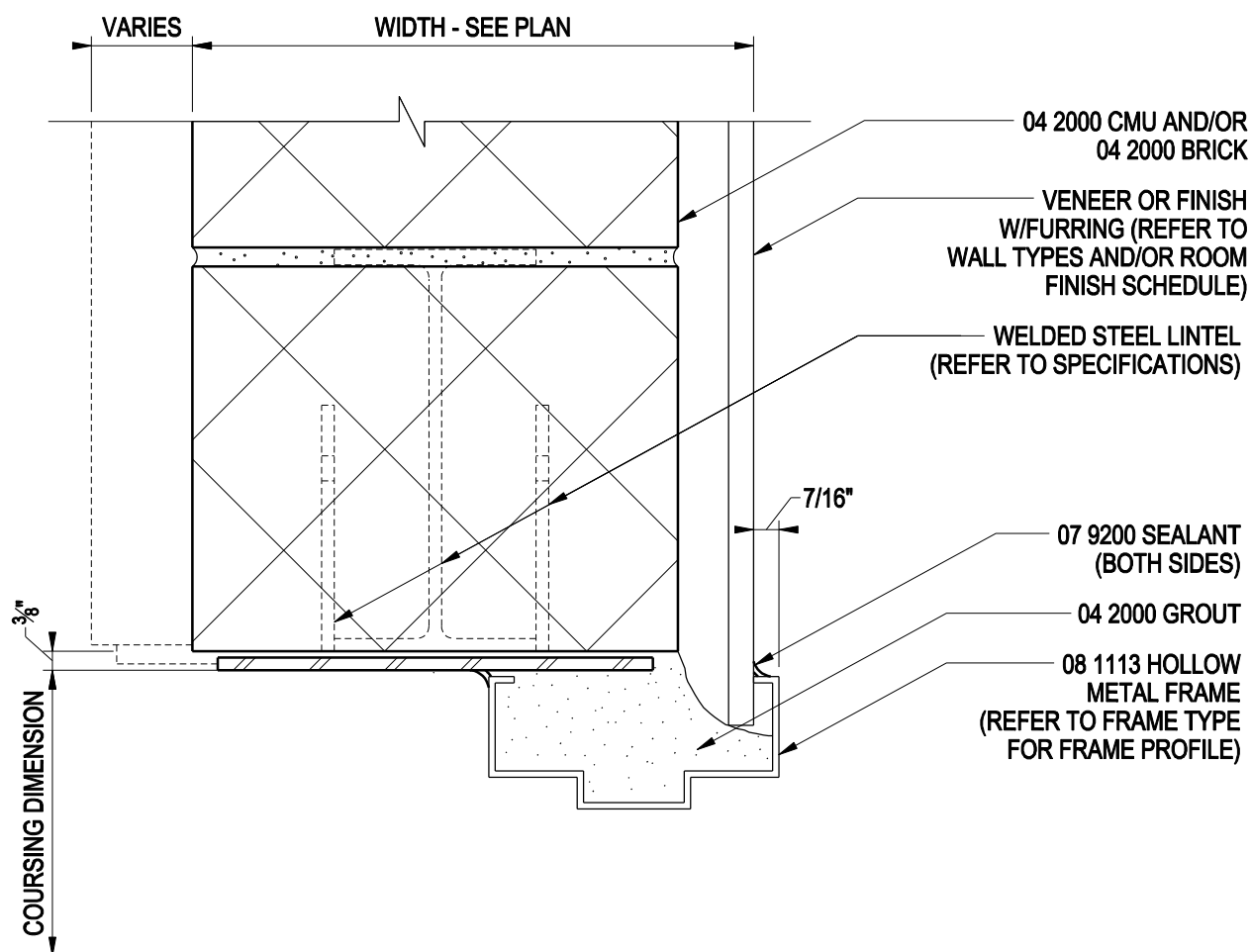


HEAD

3" = 1'-0"

DO NOT USE FOR CLEAR SPANS EXCEEDING 8'-8"

Standard Detail

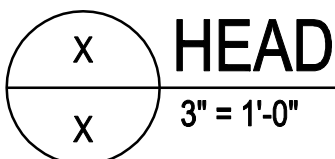
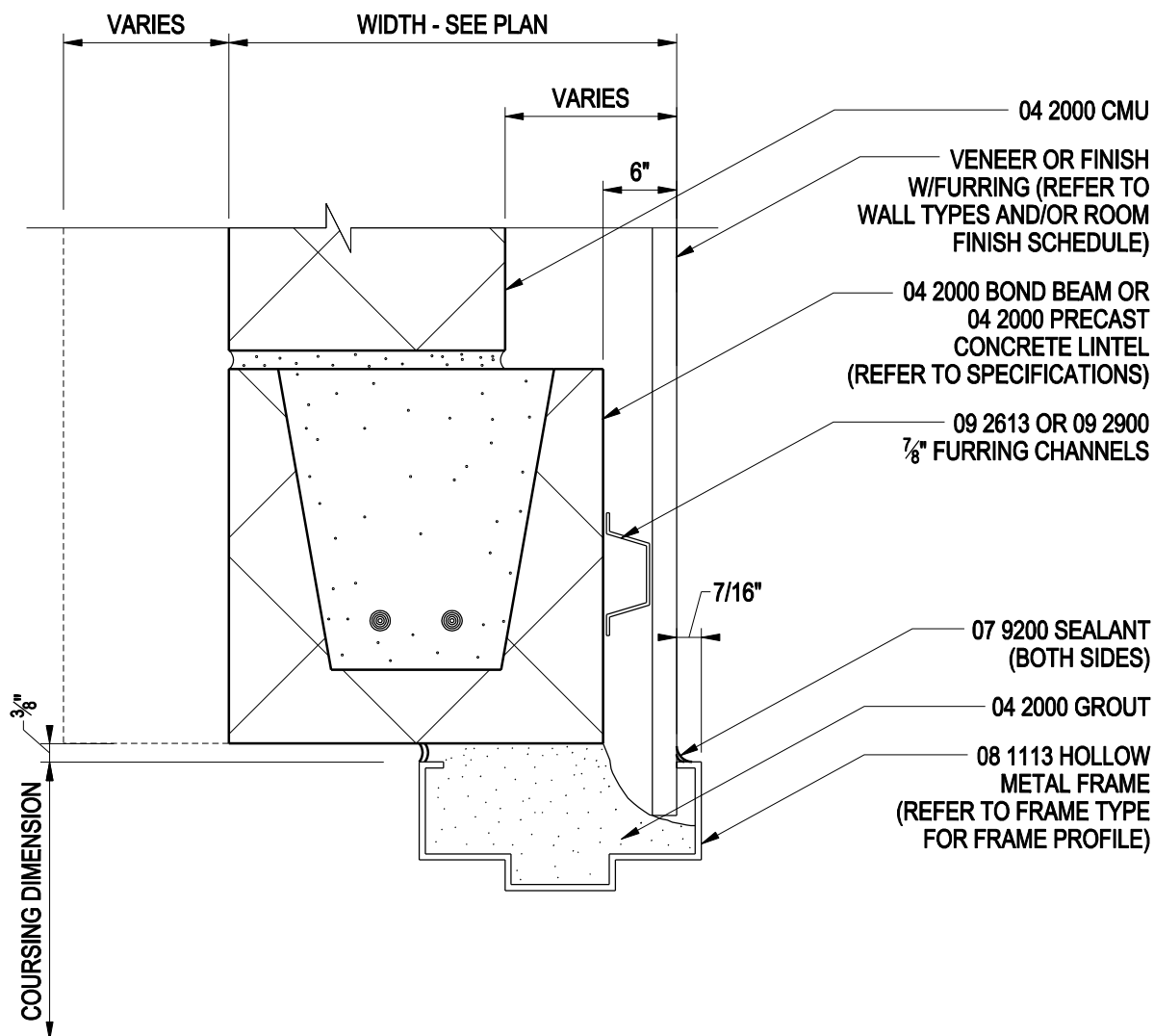


DO NOT USE FOR CLEAR SPANS EXCEEDING 8'-8"

USE WHEN FINISHES WITH FURRING EXCEED 1 1/2" DEPTH
TO BE USED IN CONJUNCTION WITH JAMB DETAIL 08-204

AND PARTITION DETAIL 09-261 (OR SIMILAR)

Standard Detail



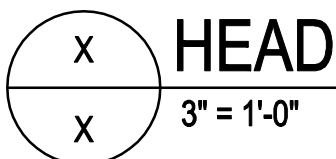
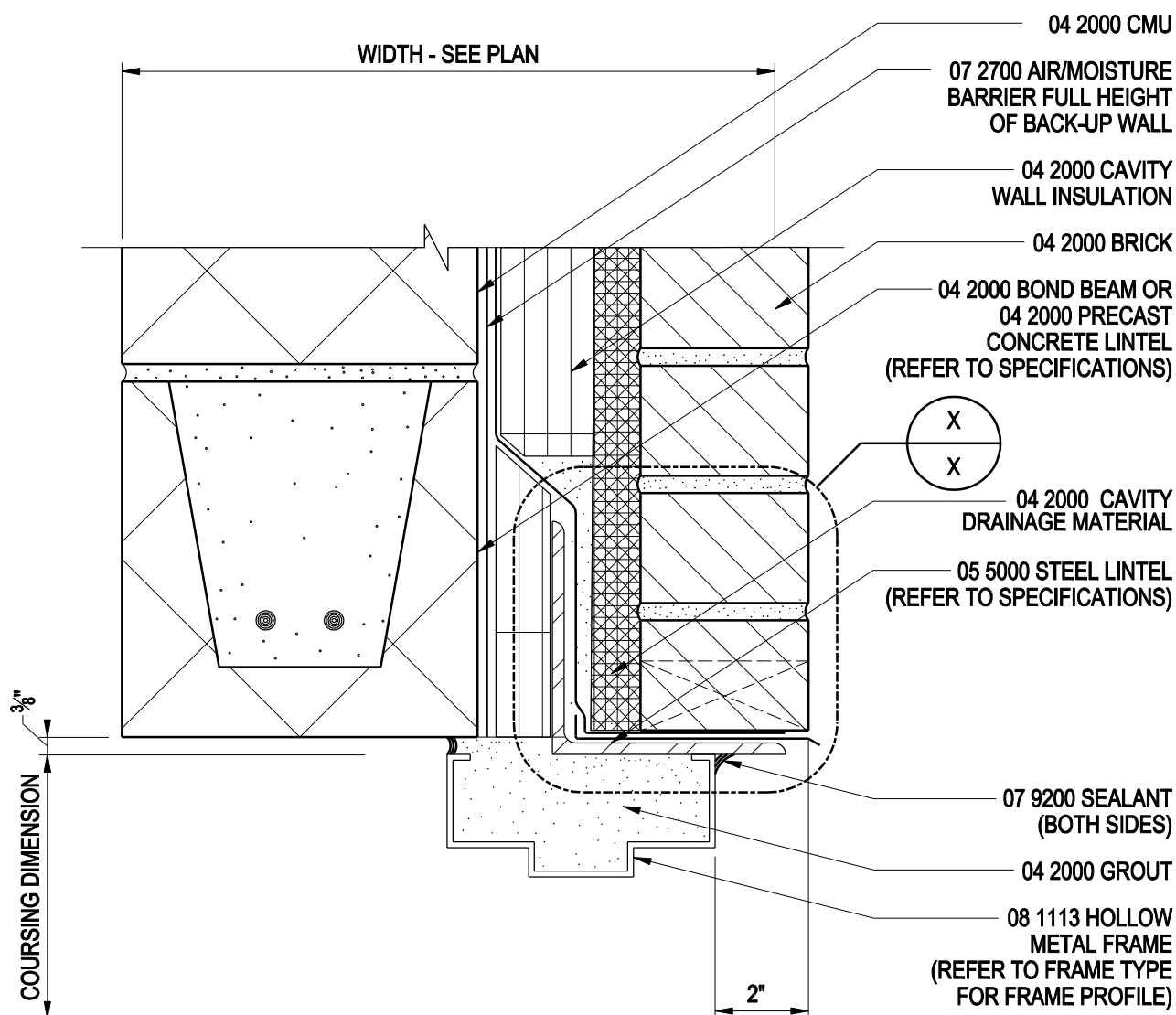
USE FOR CAVITY WALLS W/O LINTEL BRICK

DO NOT USE FOR CLEAR SPANS EXCEEDING 8'-8"

INCLUDE AND REFERENCE FLASHING AT LINTEL DETAIL

04-005. ALSO REFER TO JAMB DETAIL 08-221

Standard Detail



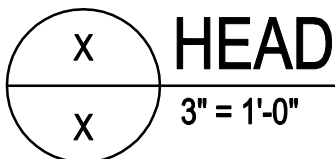
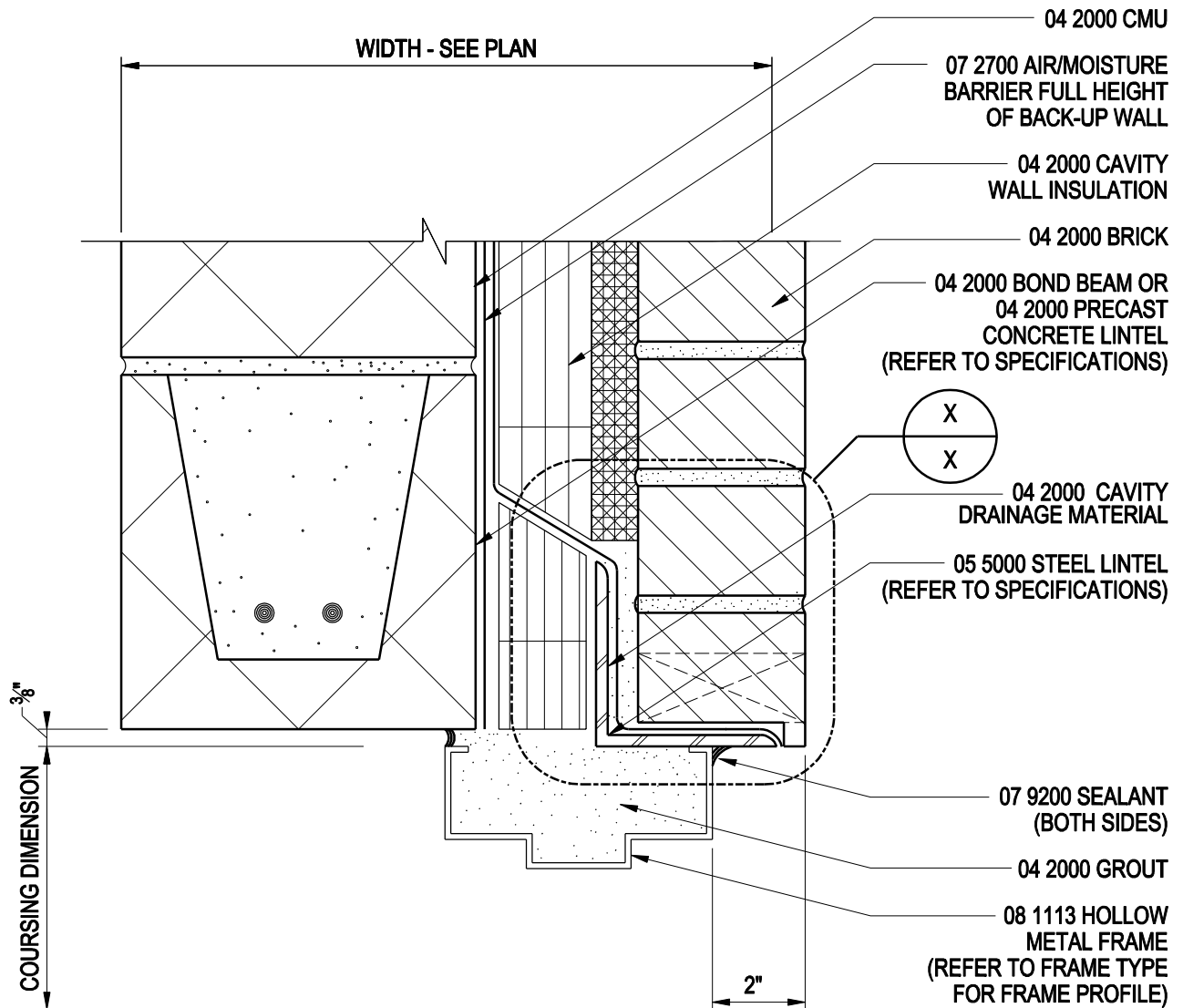
USE FOR CAVITY WALLS W/O LINTEL BRICK

DO NOT USE FOR CLEAR SPANS EXCEEDING 8'-8"

INCLUDE AND REFERENCE FLASHING AT LINTEL DETAIL

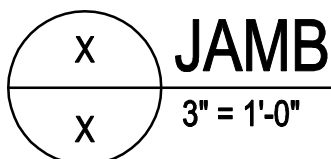
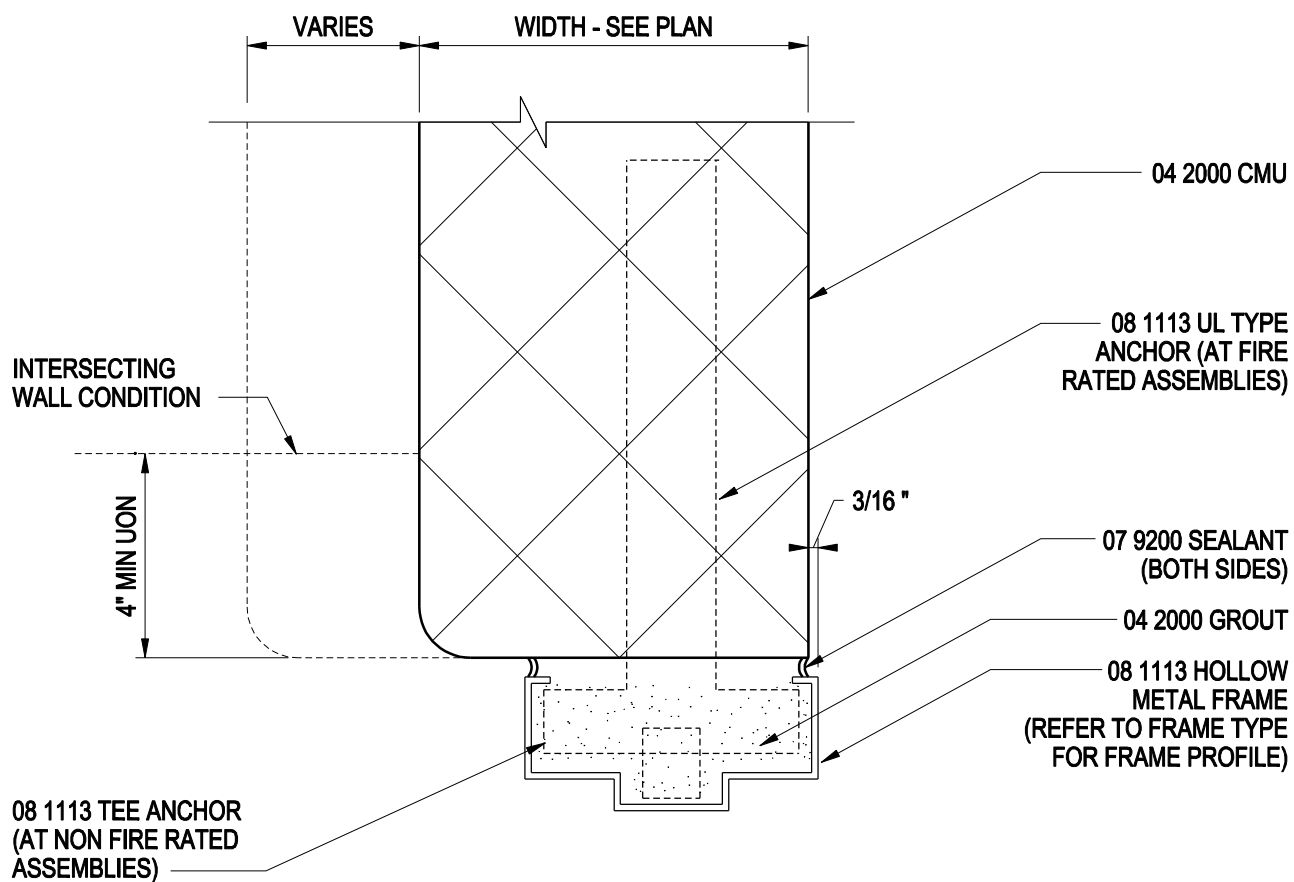
04-005. ALSO REFER TO JAMB DETAIL 08-221

Standard Detail



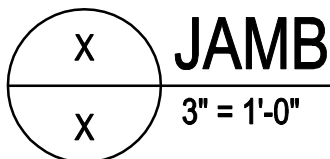
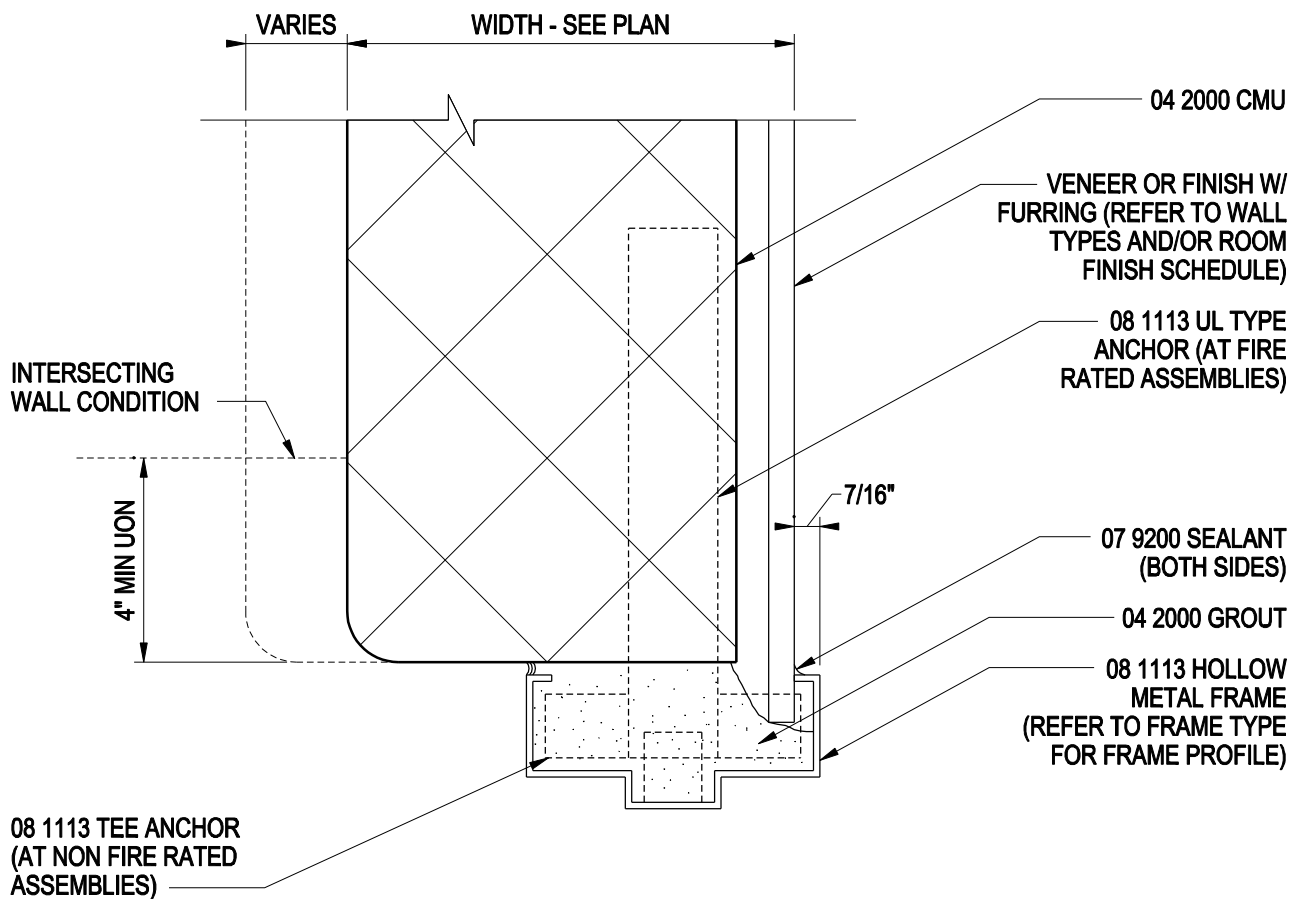
INSURE THAT FLOOR PLANS SHOW RELATIONSHIP OF FRAMES
TO FACE OF WALL AND DOOR SWING

Standard Detail



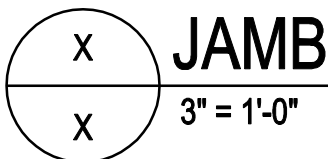
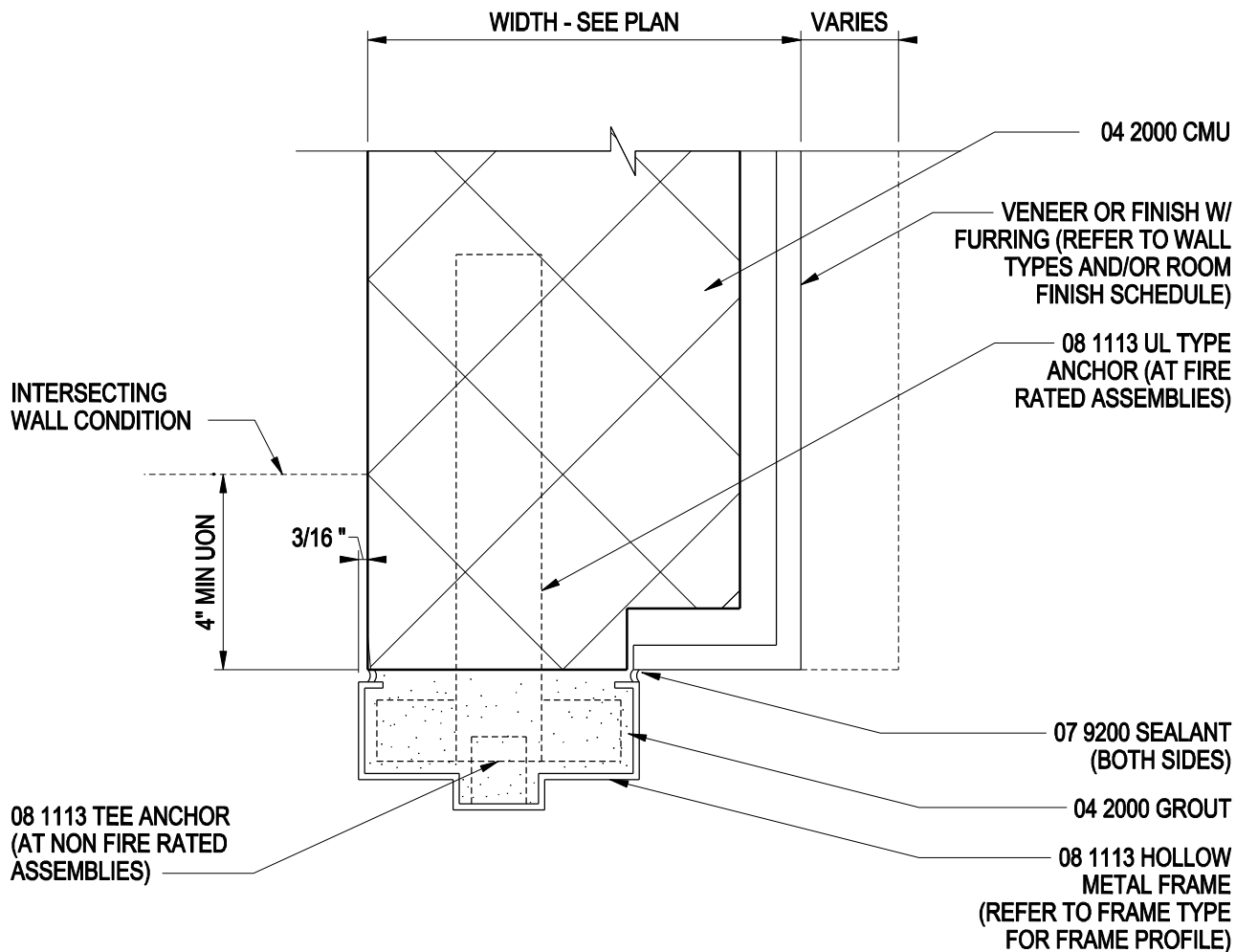
INSURE THAT FLOOR PLANS SHOW RELATIONSHIP OF FRAMES
TO FACE OF WALL AND DOOR SWING

Standard Detail



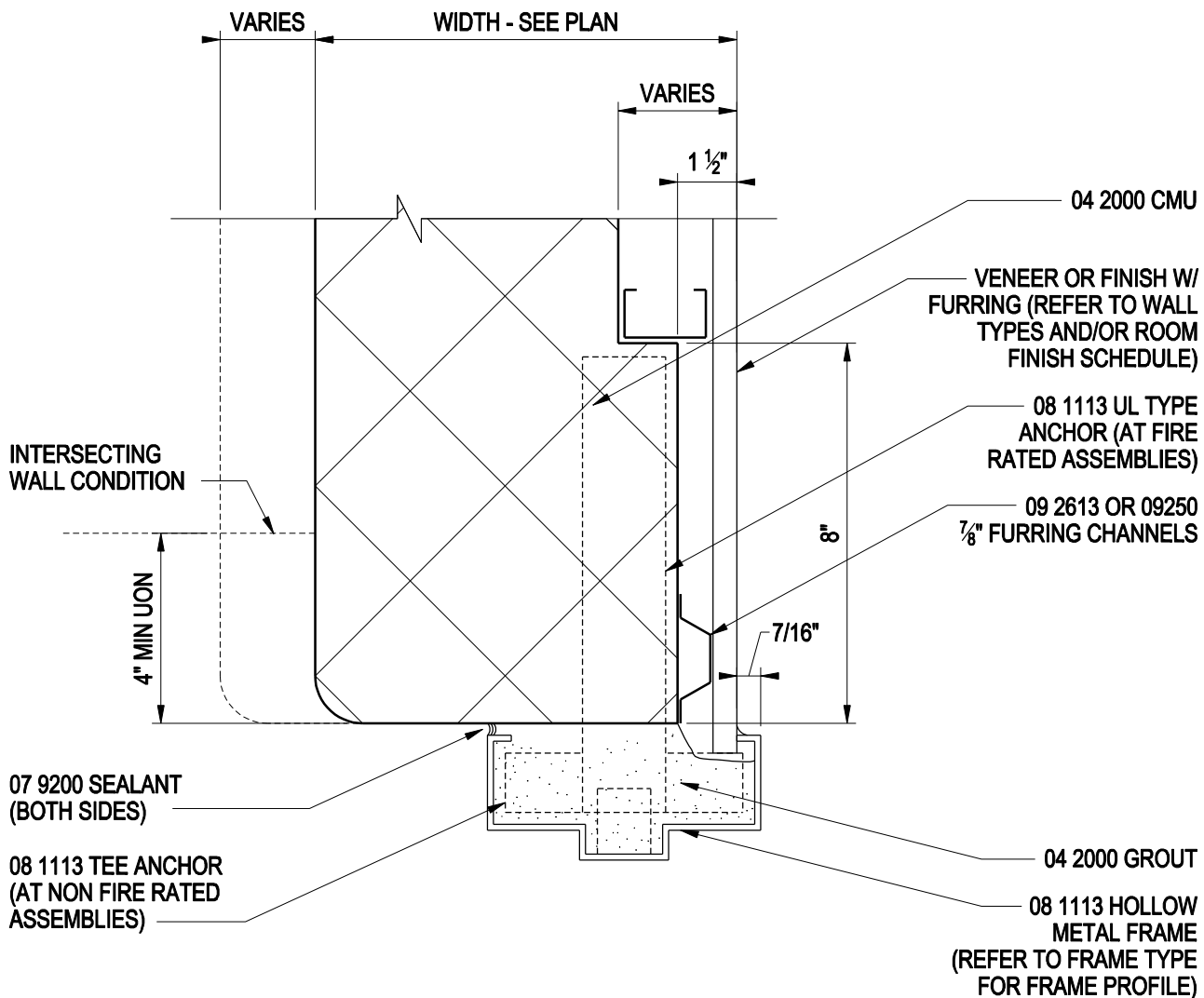
INSURE THAT FLOOR PLANS SHOW RELATIONSHIP OF FRAMES
TO FACE OF WALL AND DOOR SWING

Standard Detail



USE WHEN FINISHES WITH FURRING EXCEED 1½" DEPTH
TO BE USED IN CONJUNCTION WITH HEAD DETAIL 08-106
AND PARTITION DETAIL 09-261 (OR SIMILAR)

Standard Detail

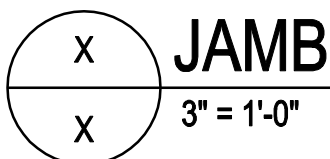
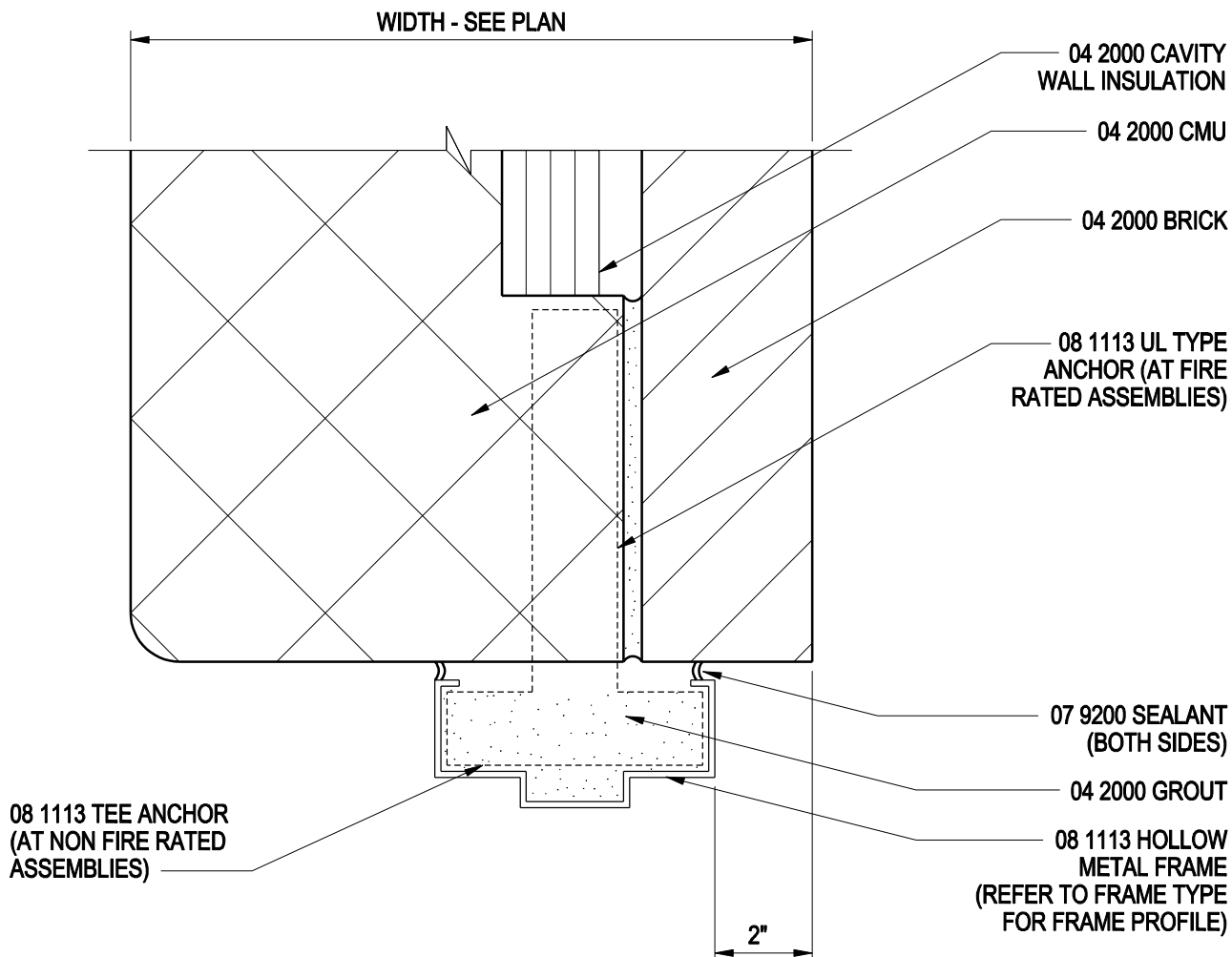


JAMB
3" = 1'-0"

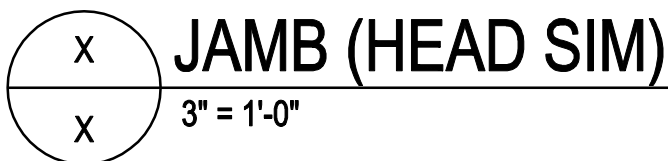
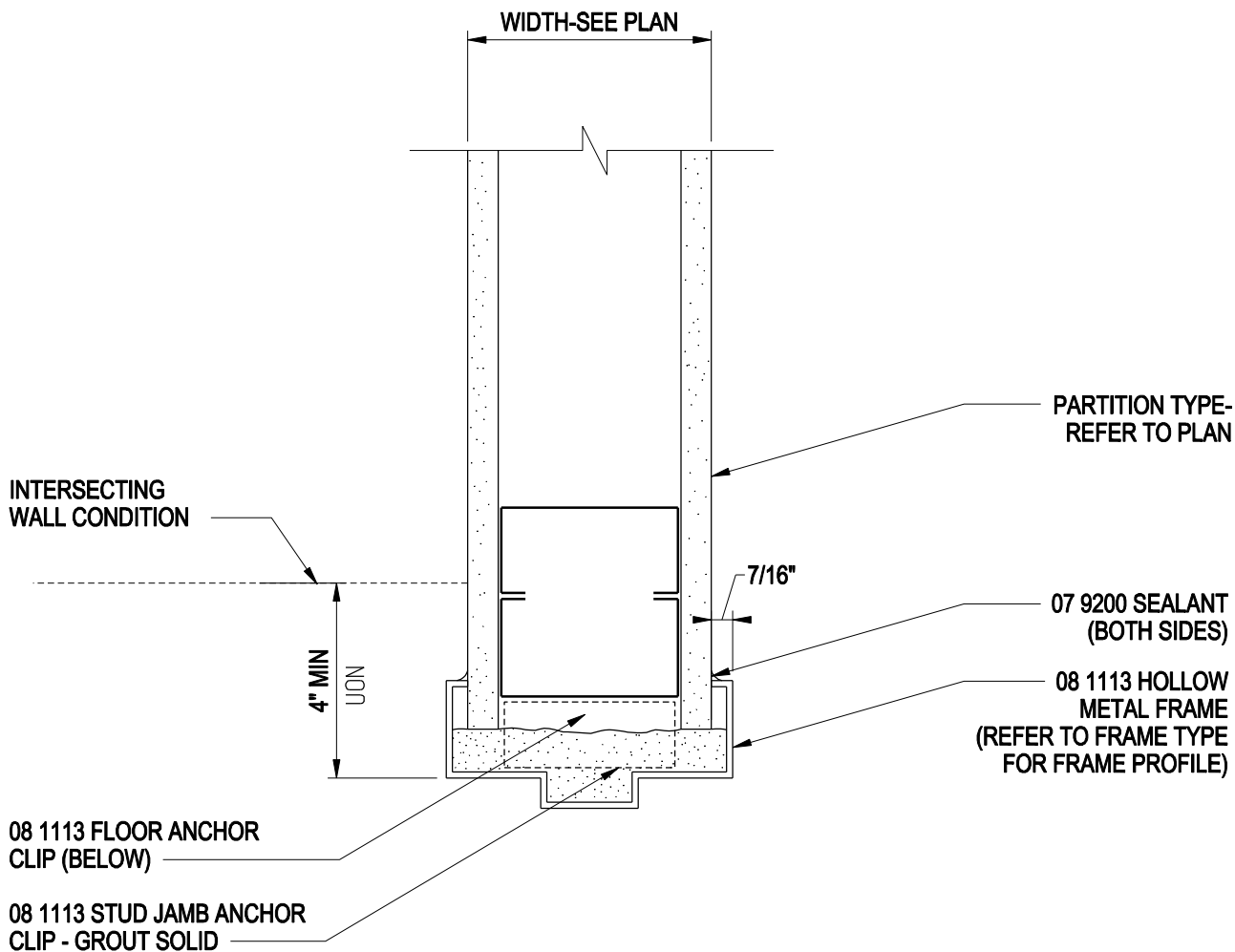
USE FOR EXTERIOR CAVITY WALLS

ALSO REFER TO HEAD DETAIL 08-121 OR 08-122

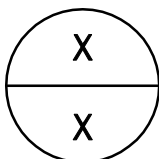
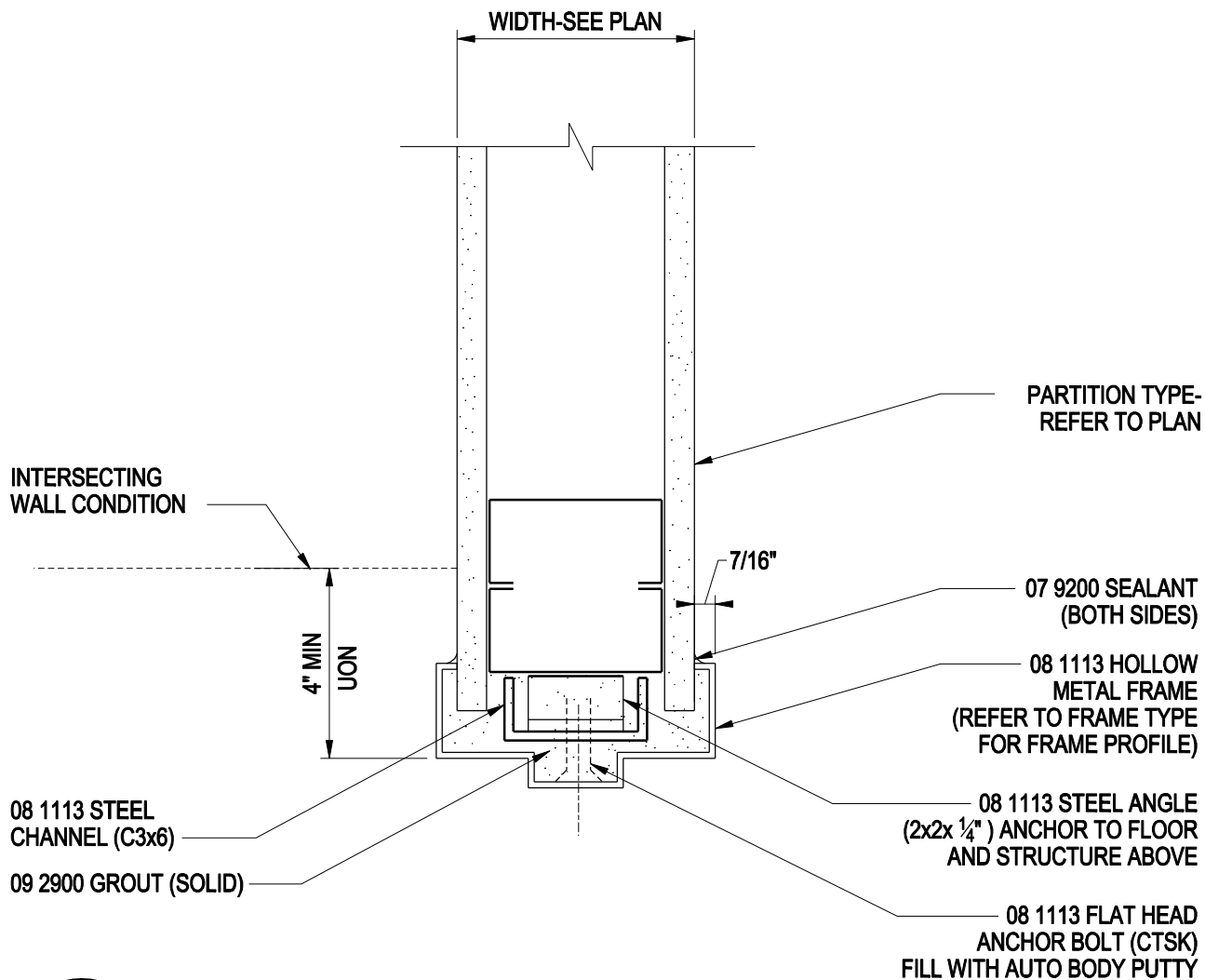
Standard Detail



Standard Detail



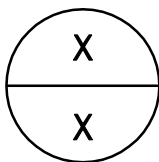
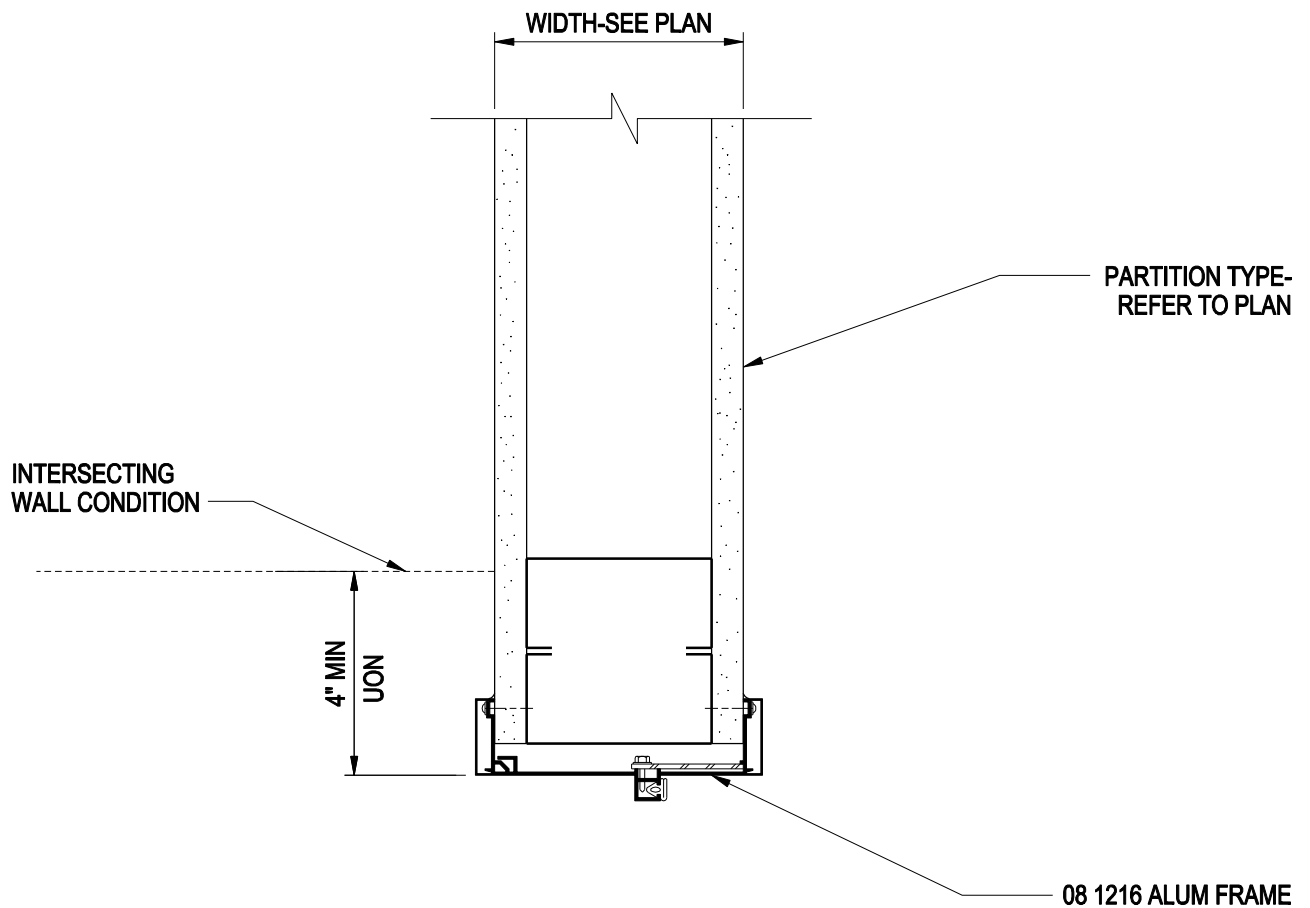
Standard Detail



JAMB (HEAD SIM)

3" = 1'-0"

Standard Detail

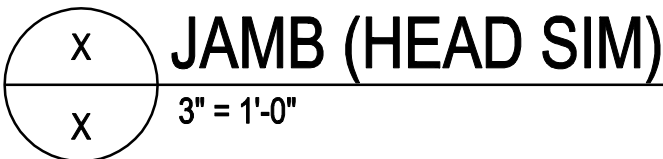
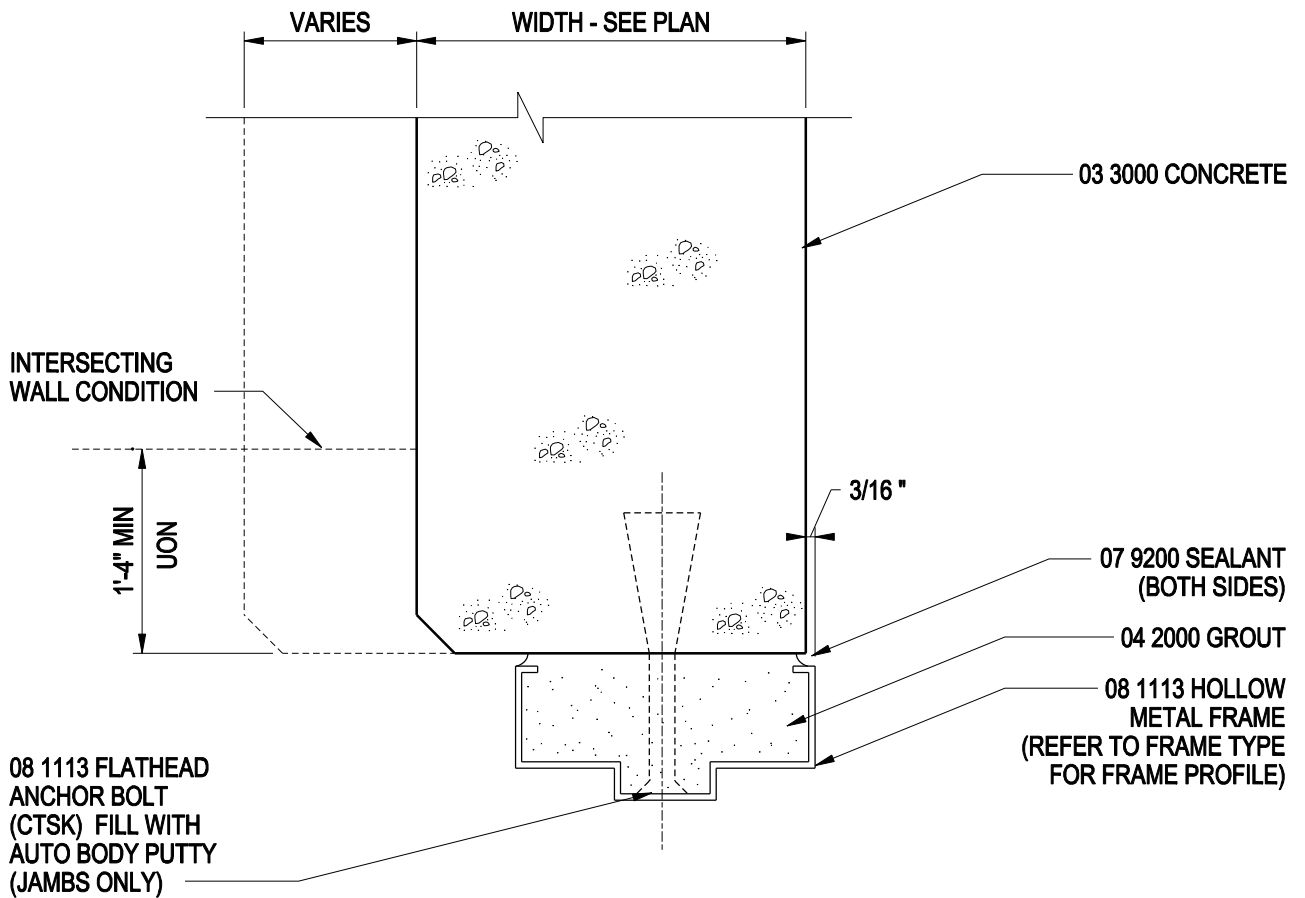


JAMB (HEAD SIM)

3" = 1'-0"

INSURE THAT FLOOR PLANS SHOW RELATIONSHIP OF FRAMES
TO FACE OF WALL AND DOOR SWING

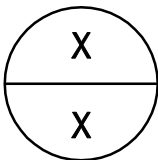
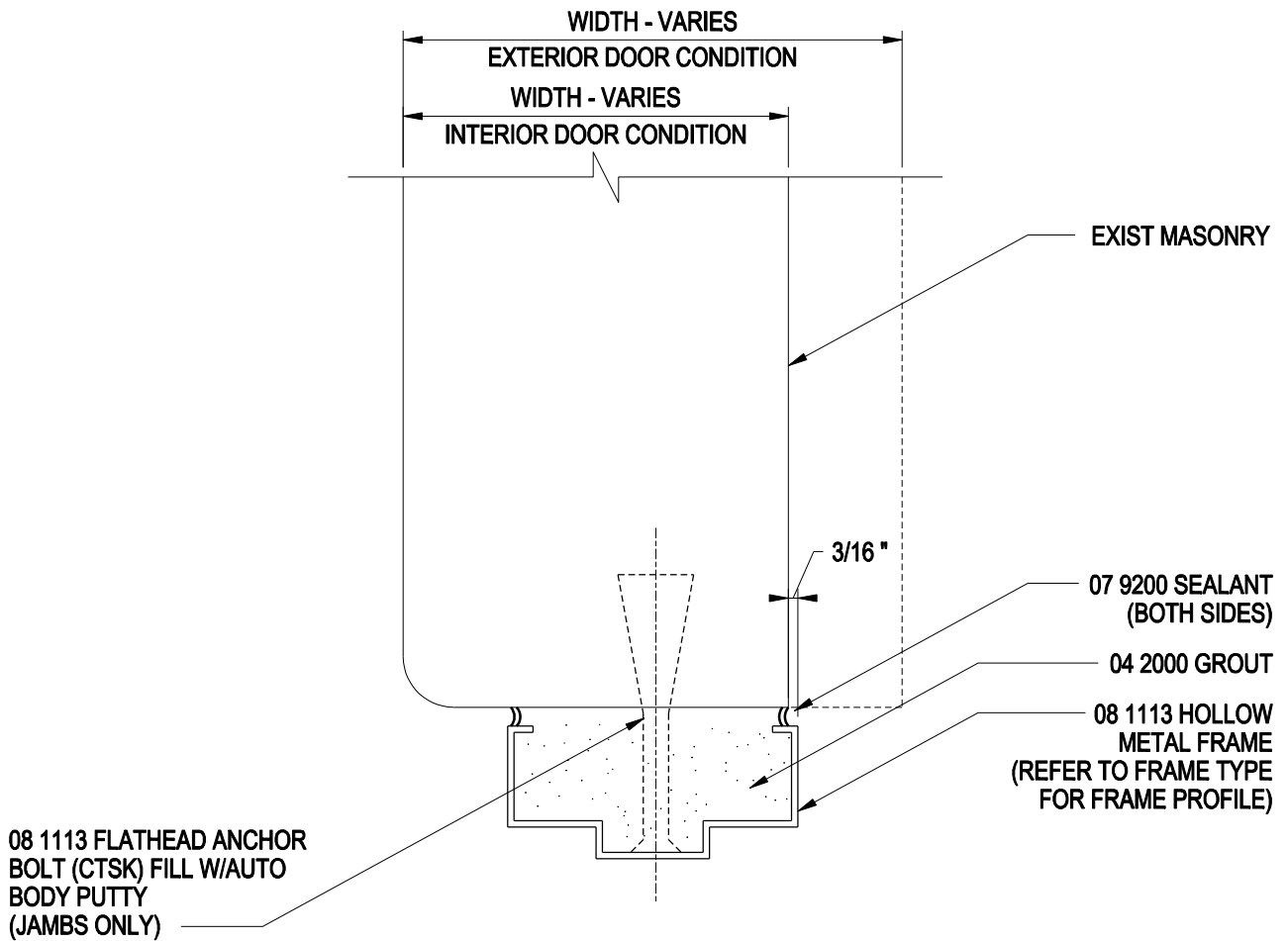
Standard Detail



Notes / Instructions

INSURE THAT FLOOR PLANS SHOW RELATIONSHIP OF FRAMES
TO FACE OF WALL AND DOOR SWING

Standard Detail

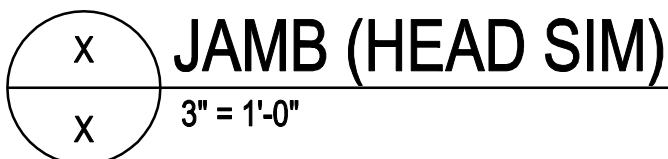
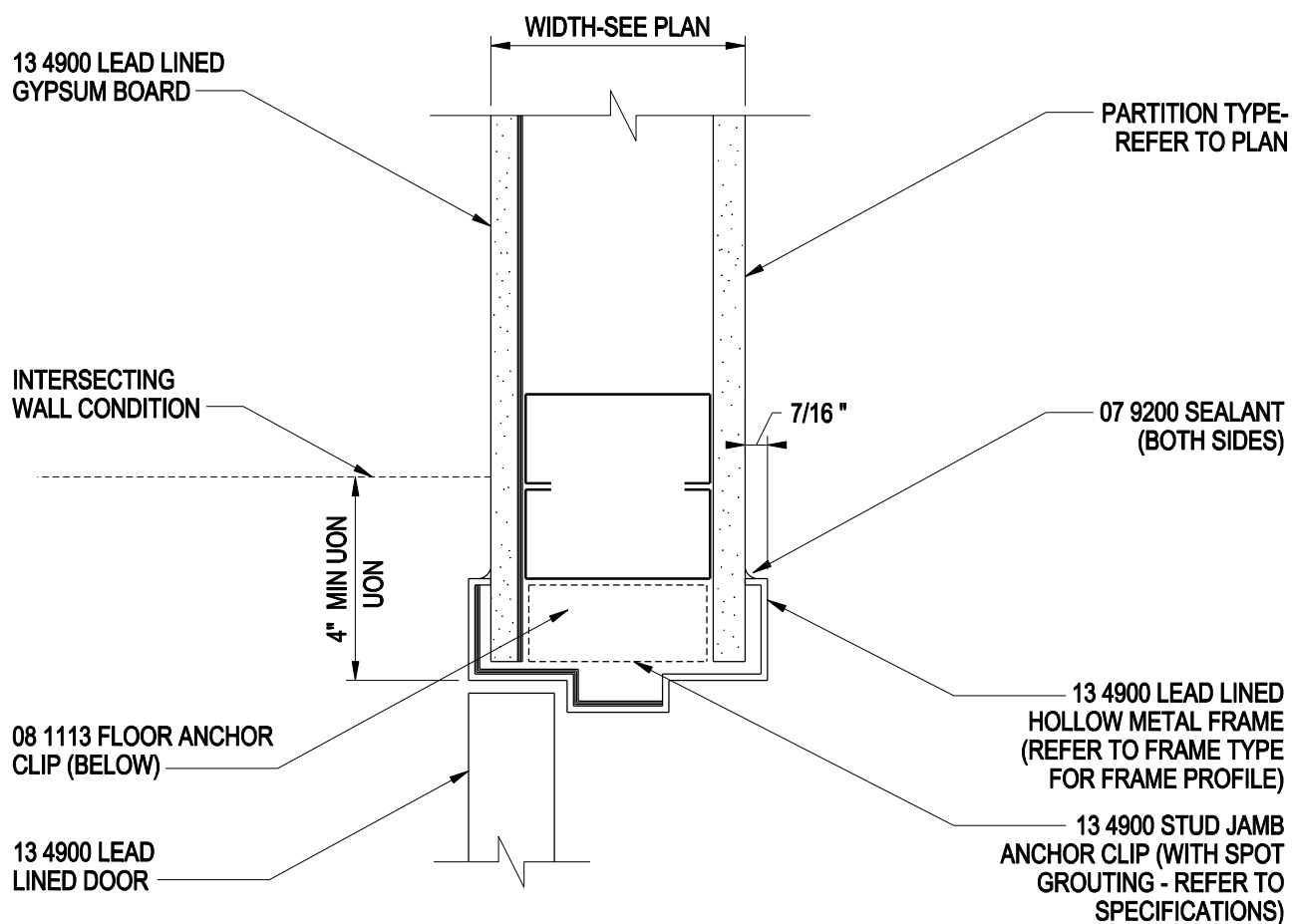


JAMB (HEAD SIM)

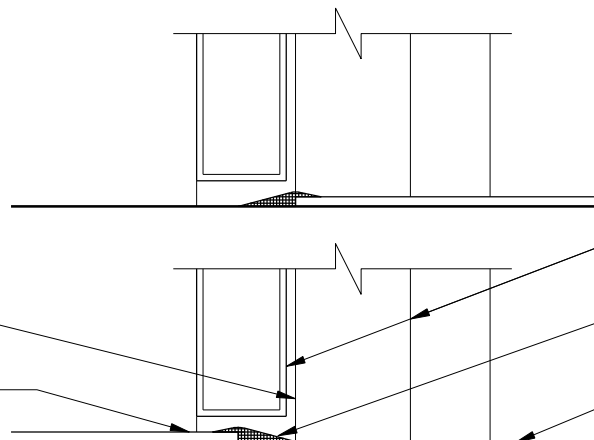
3" = 1'-0"

INSURE THAT FLOOR PLANS SHOW RELATIONSHIP OF FRAMES
TO FACE OF WALL AND DOOR SWING

Standard Detail



Standard Detail



SEE NOTES BELOW

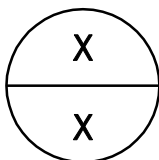
DOOR STOP

09 6516/6519
 RESILIENT FLOORING

DOOR AND FRAME
 AS SCHEDULED

09 6513 RESILIENT
 EDGE STRIP

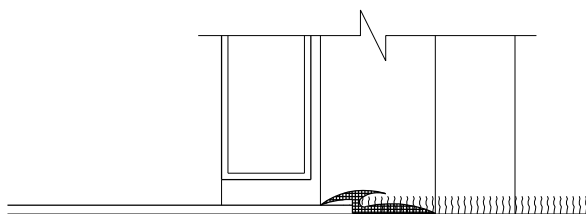
03 3000 CONCRETE
 TOP OF FLOOR SLAB



SILL

3" = 1'-0"

Standard Detail



SEE NOTES BELOW

DOOR AND FRAME
 AS SCHEDULED

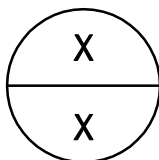
DOOR STOP

09 6816 CARPET OR
 09 6813 CARPET TILE

09 6513 RESILIENT
 EDGE STRIP

09 6516/6519 RESILIENT
 FLOORING

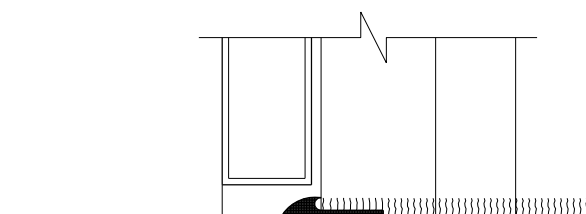
TOP OF FLOOR SLAB



SILL

3" = 1'-0"

Standard Detail



SEE NOTES BELOW

DOOR AND FRAME
 AS SCHEDULED

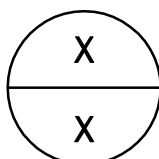
DOOR STOP

09 6816 CARPET OR
 09 6813 CARPET TILE

09 6513 RESILIENT
 EDGE STRIP

03 3000 CONCRETE

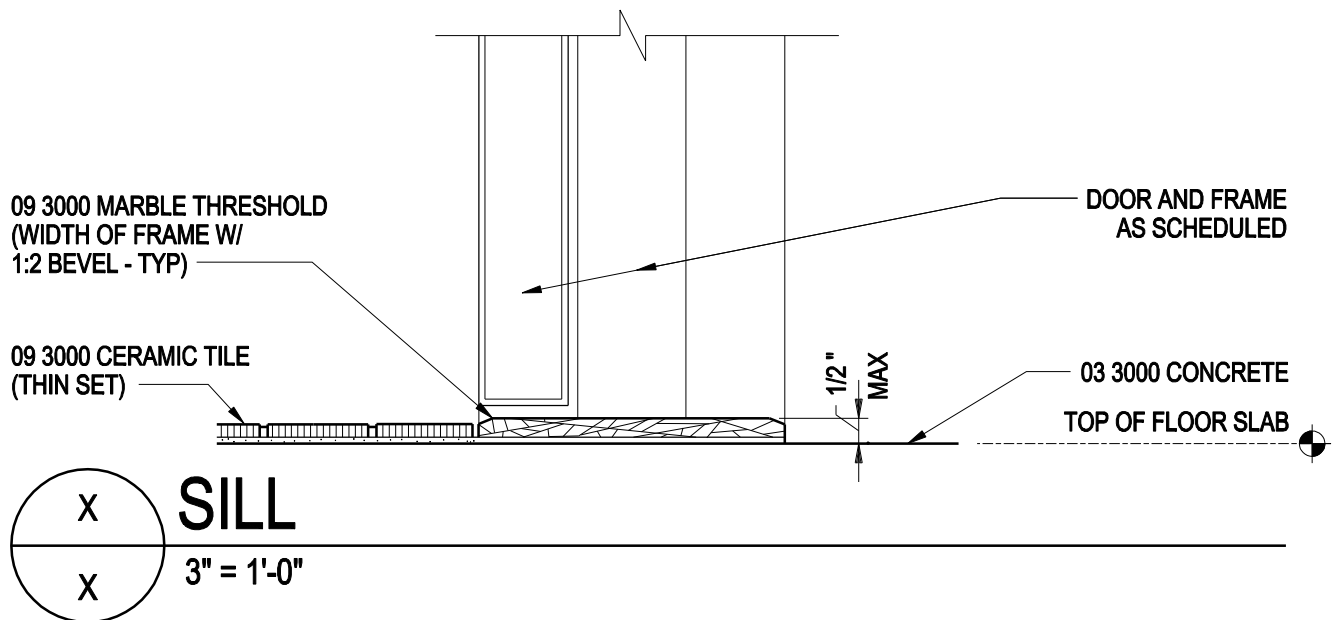
TOP OF FLOOR SLAB



SILL

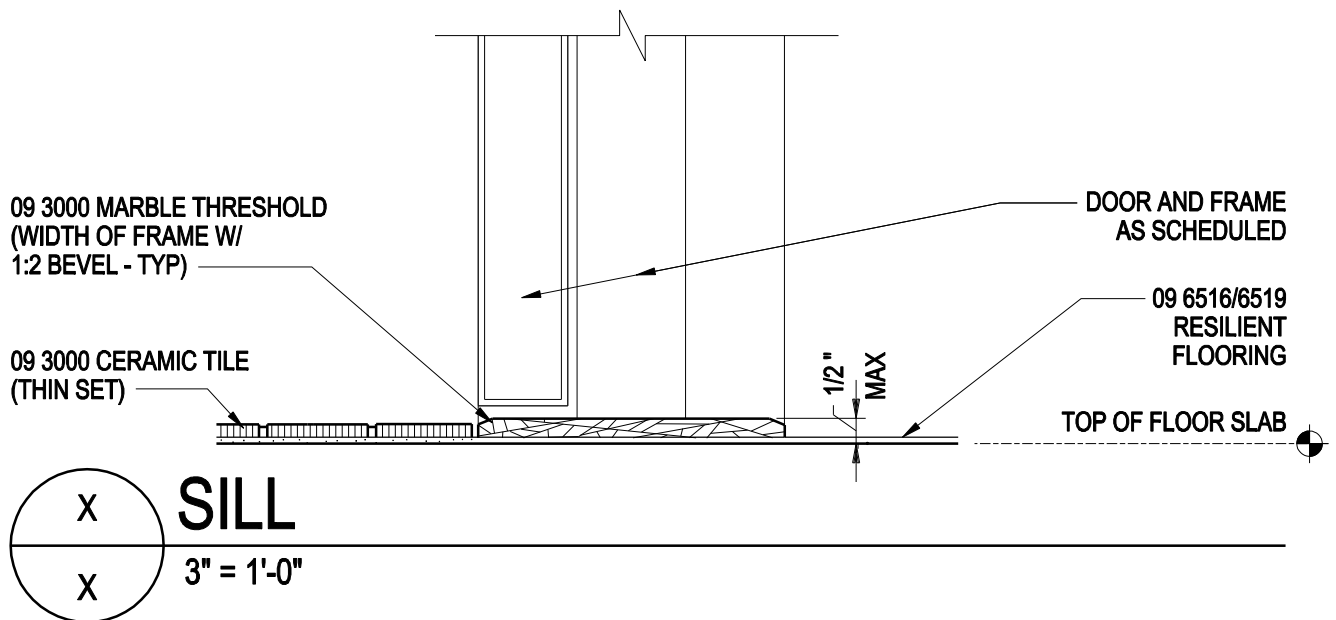
3" = 1'-0"

Standard Detail



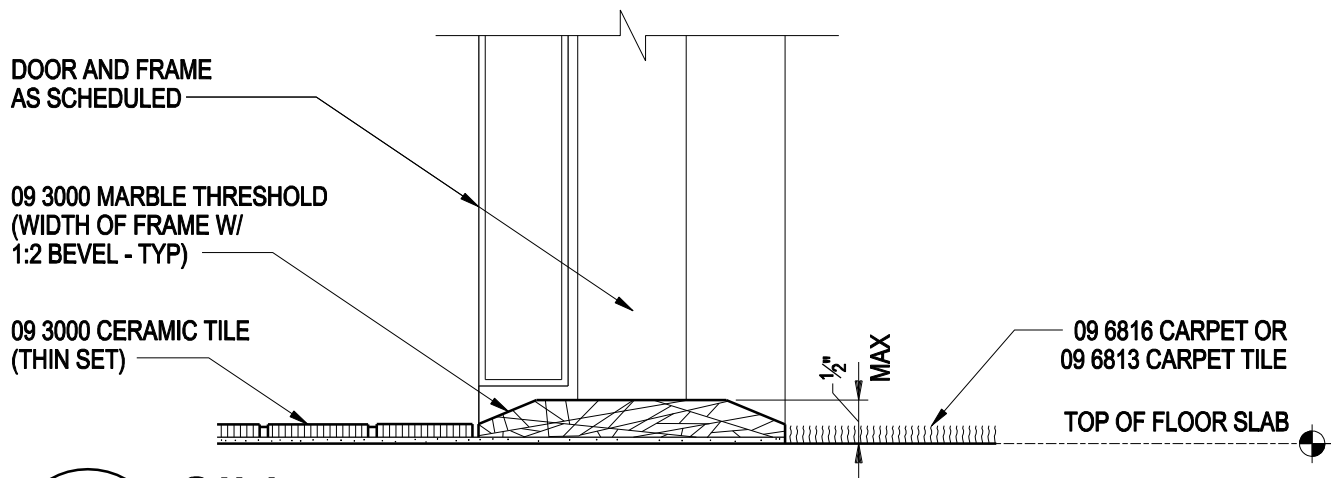
SILL
 3" = 1'-0"

Standard Detail



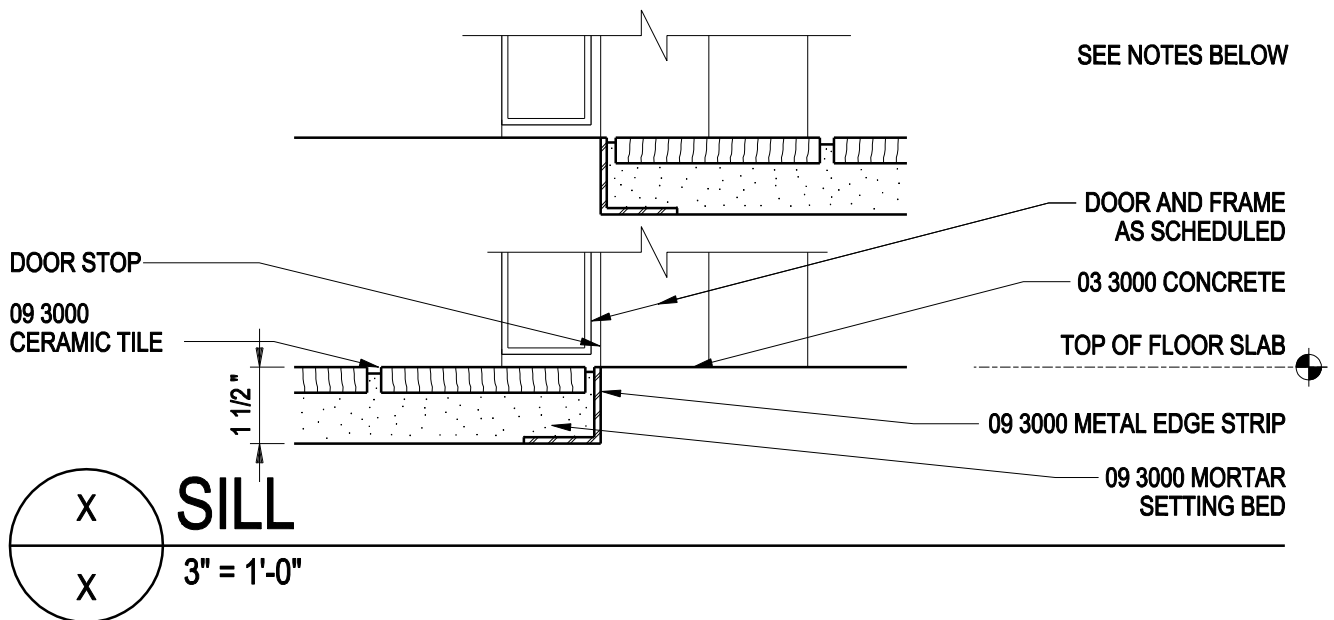
SILL
 3" = 1'-0"

Standard Detail

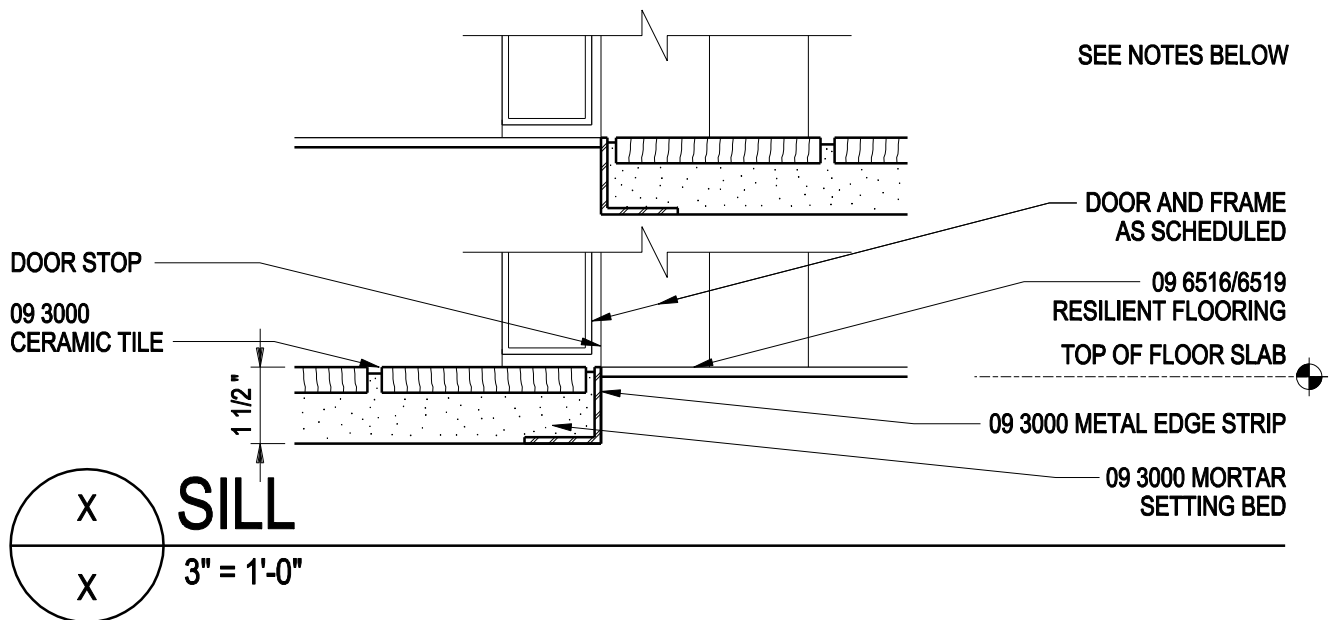


X
 SILL
 X
 3" = 1'-0"

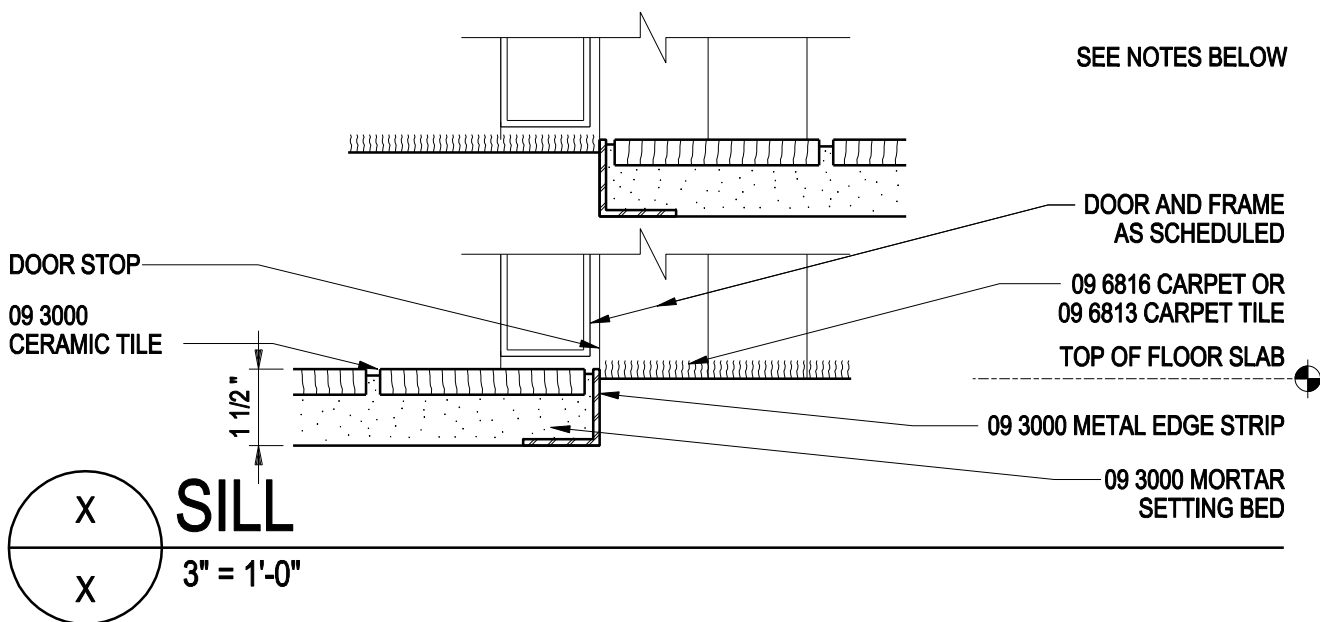
Standard Detail



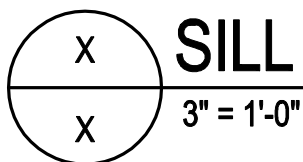
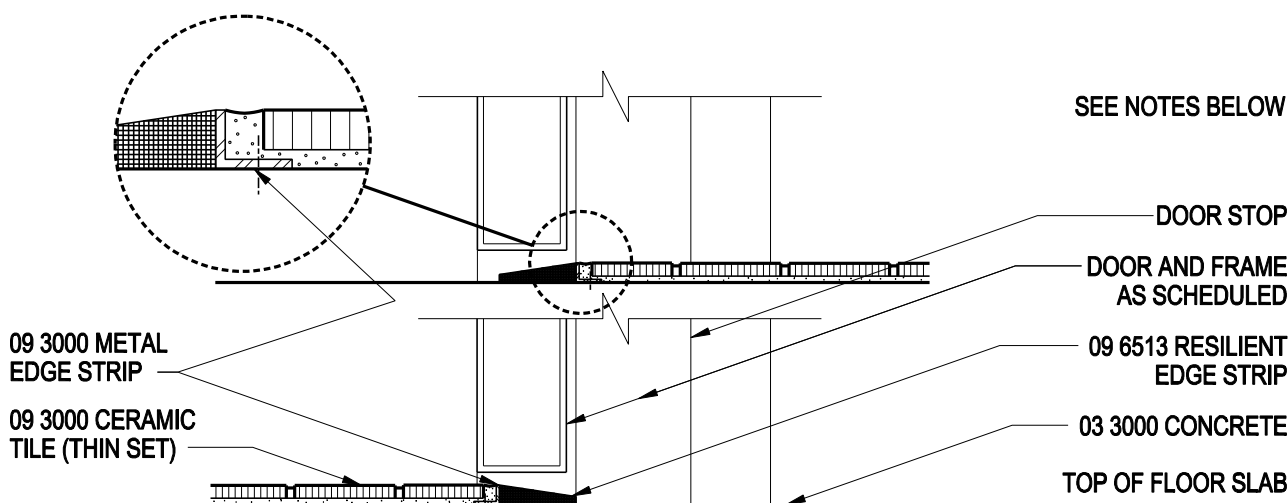
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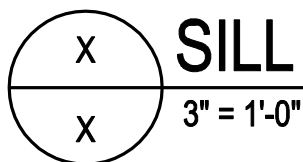
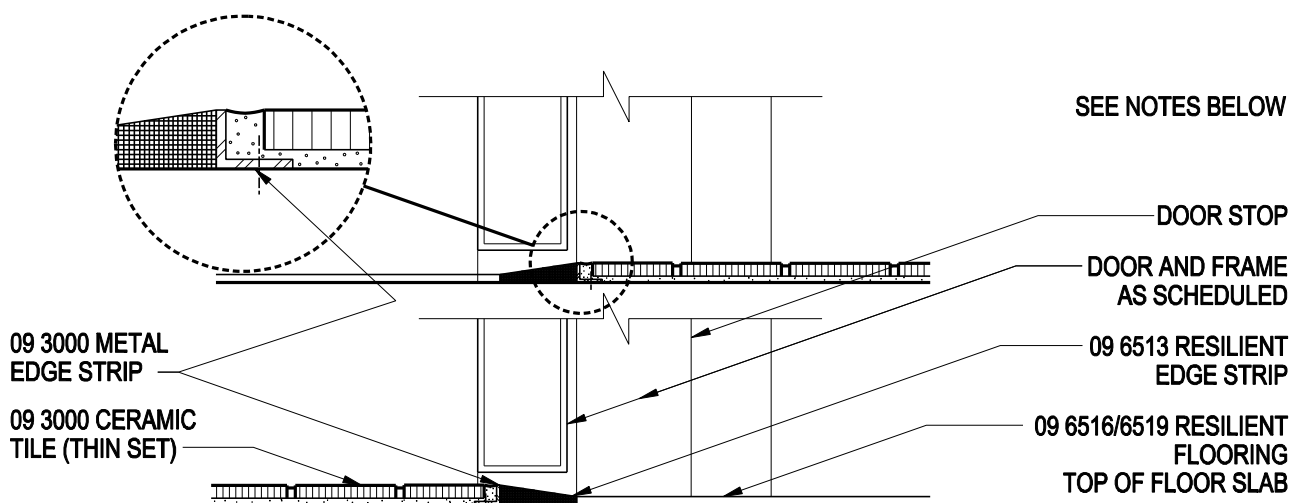
Standard Detail



Standard Detail



Standard Detail



Standard Detail

SEE NOTES BELOW

DOOR AND FRAME
 AS SCHEDULED

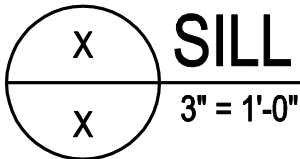
DOOR STOP

09 3000 CERAMIC TILE
 (THIN SET)

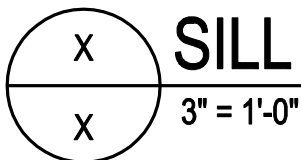
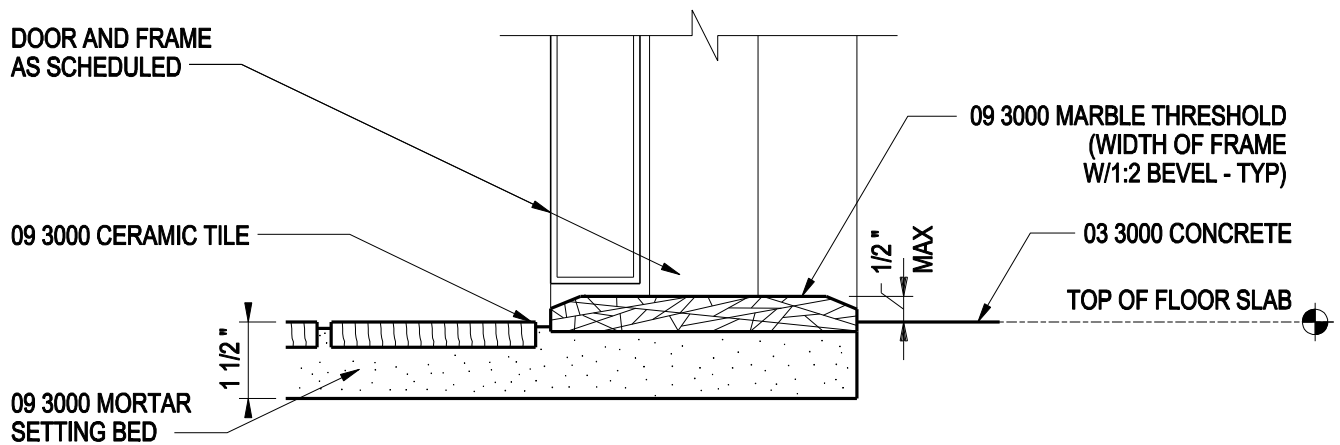
09 3000 METAL
 EDGE STRIP

09 6816 CARPET OR
 09 6813 CARPET TILE

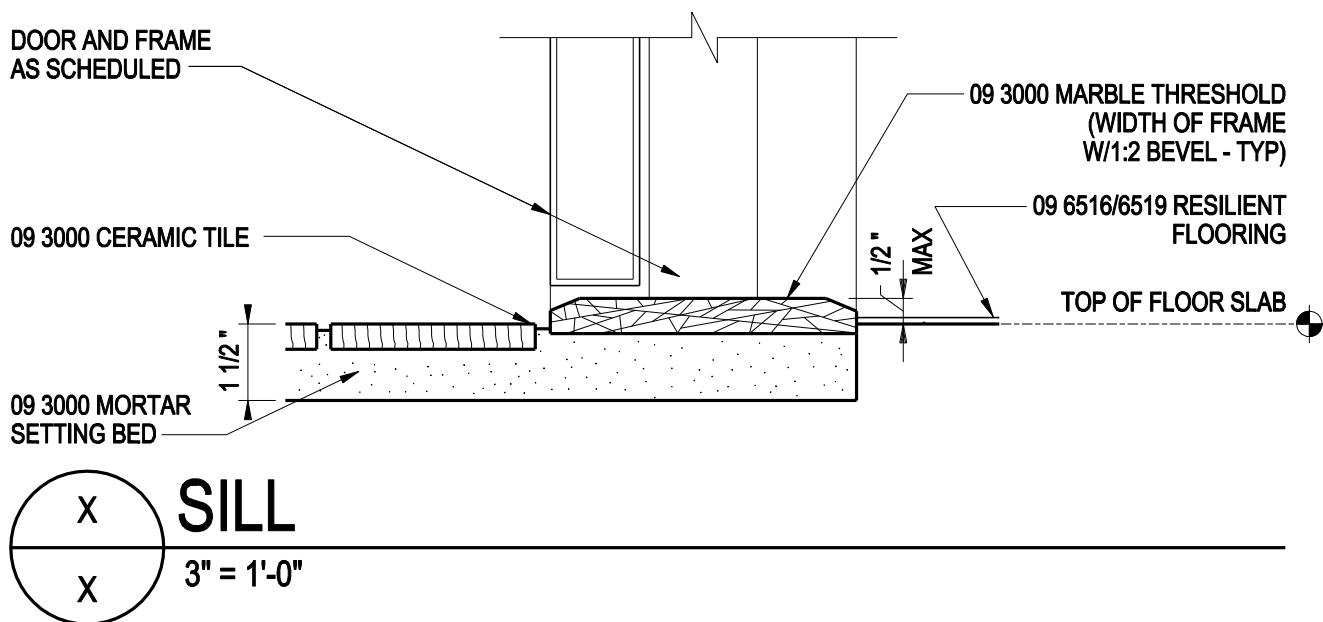
TOP OF FLOOR SLAB



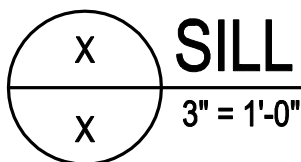
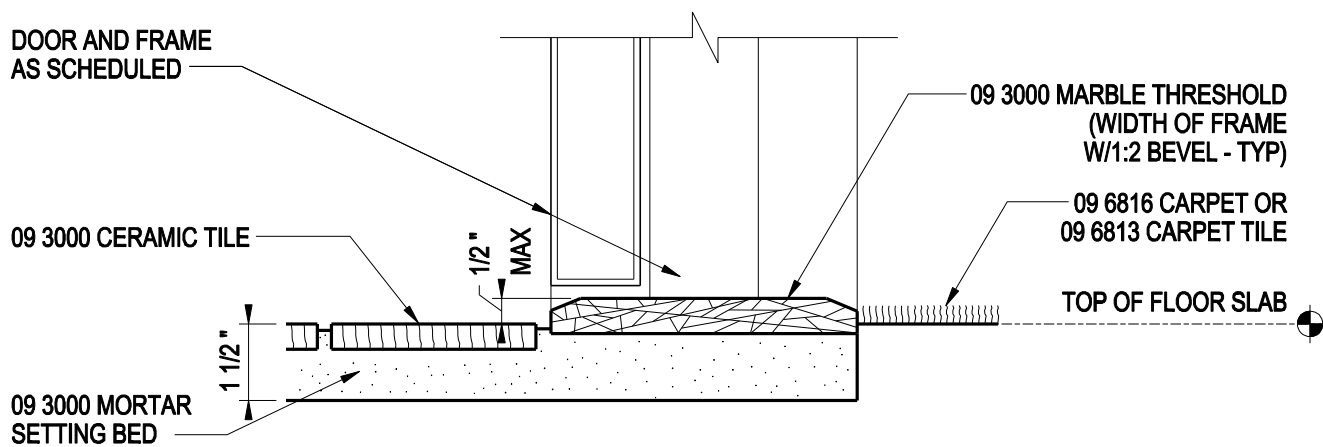
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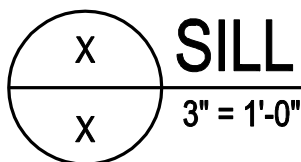
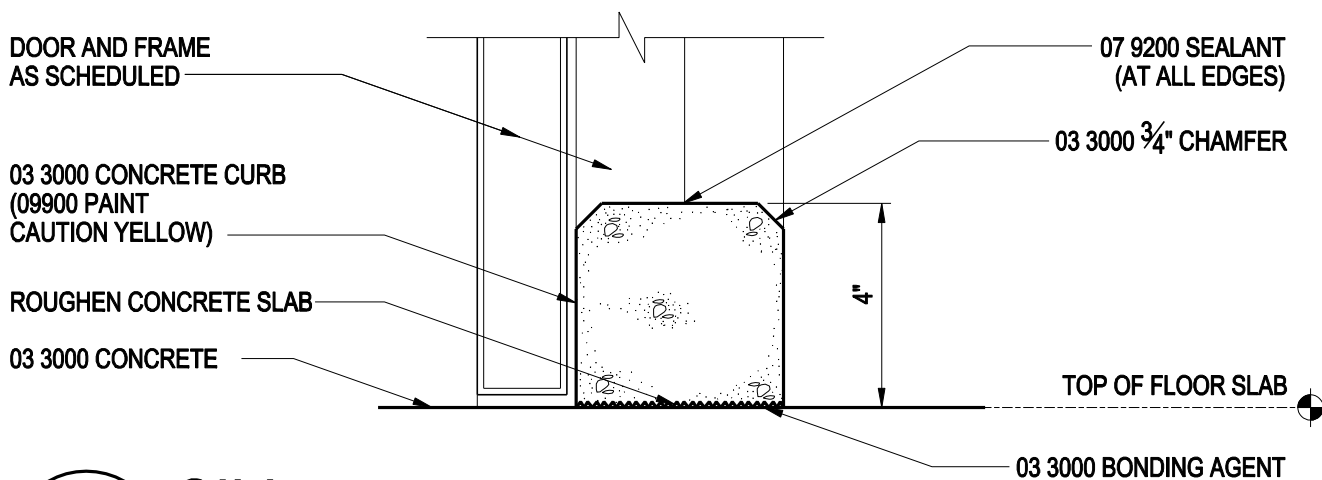
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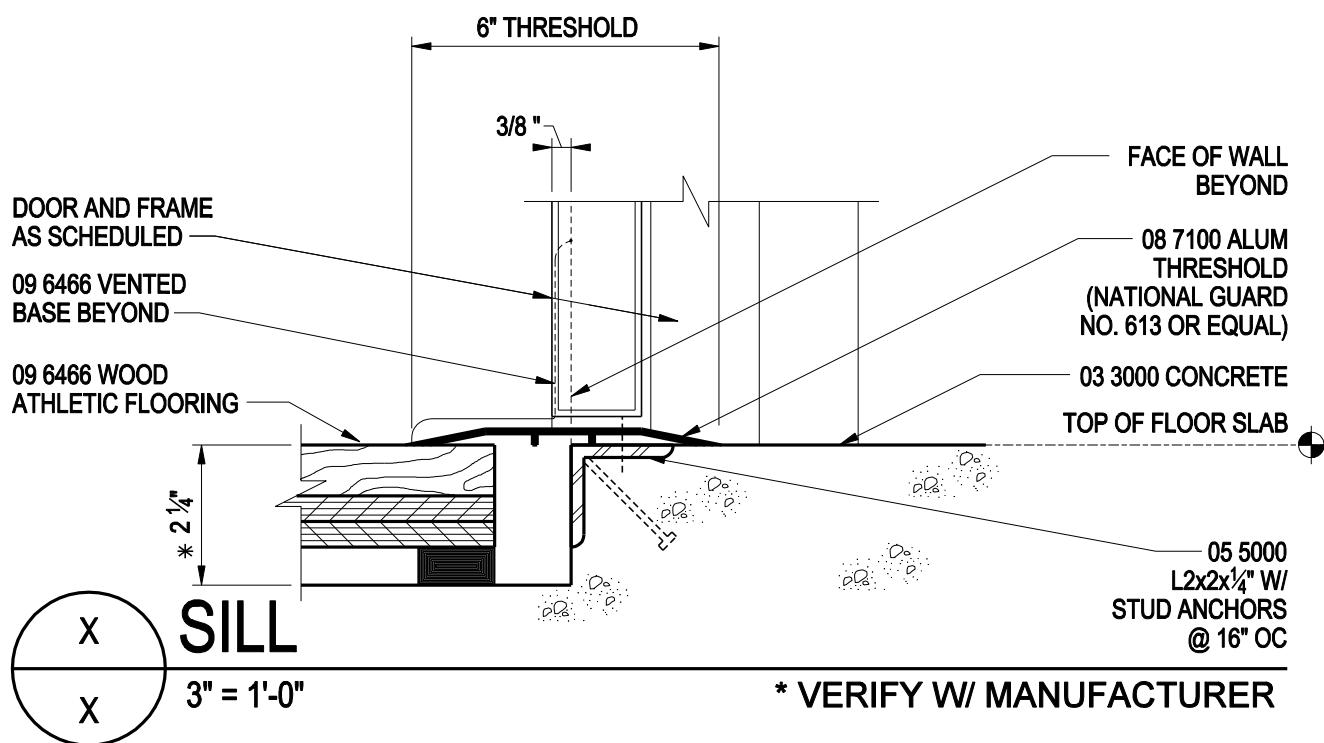
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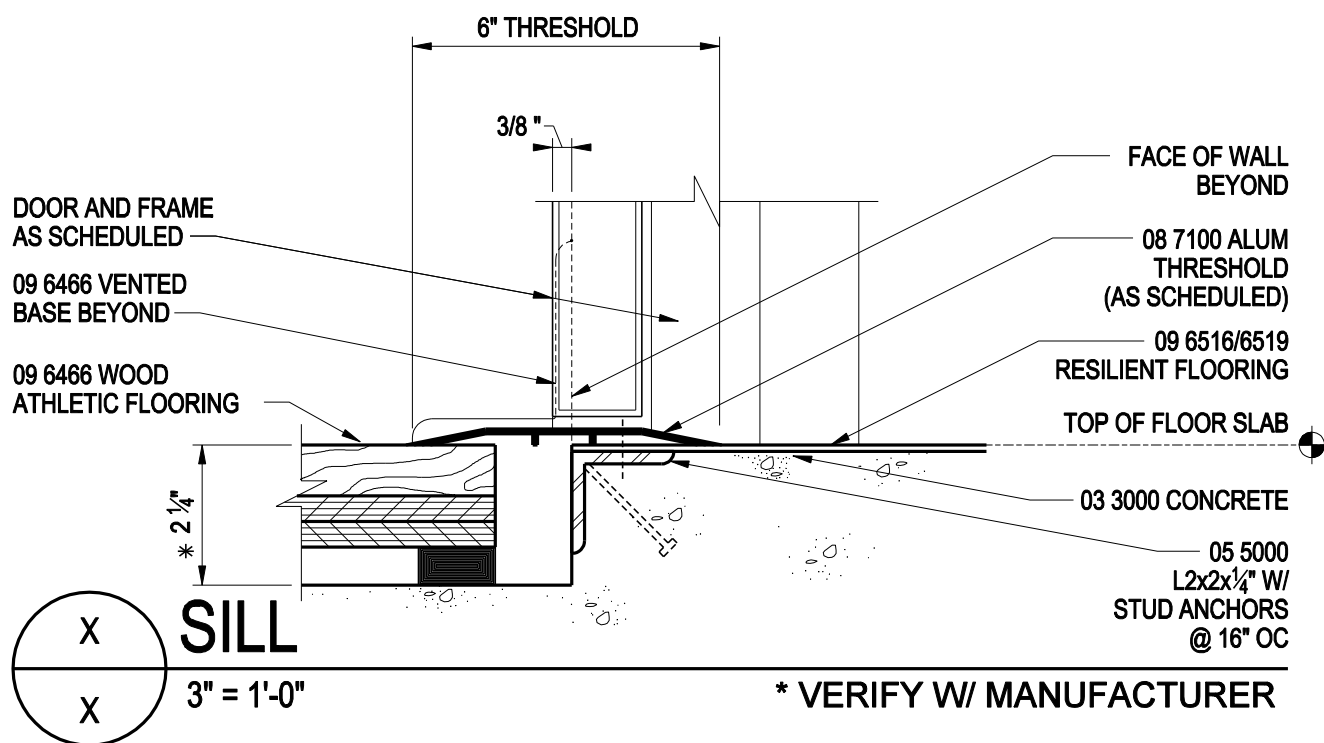
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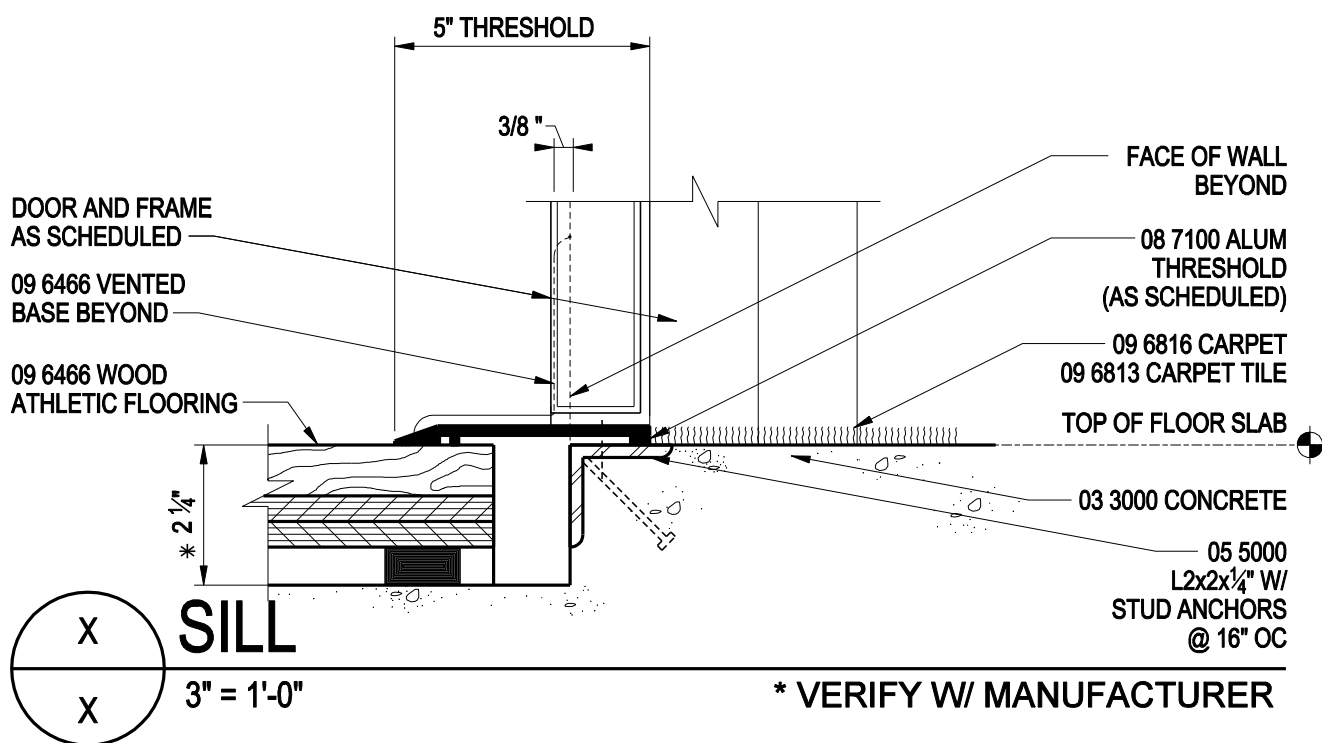
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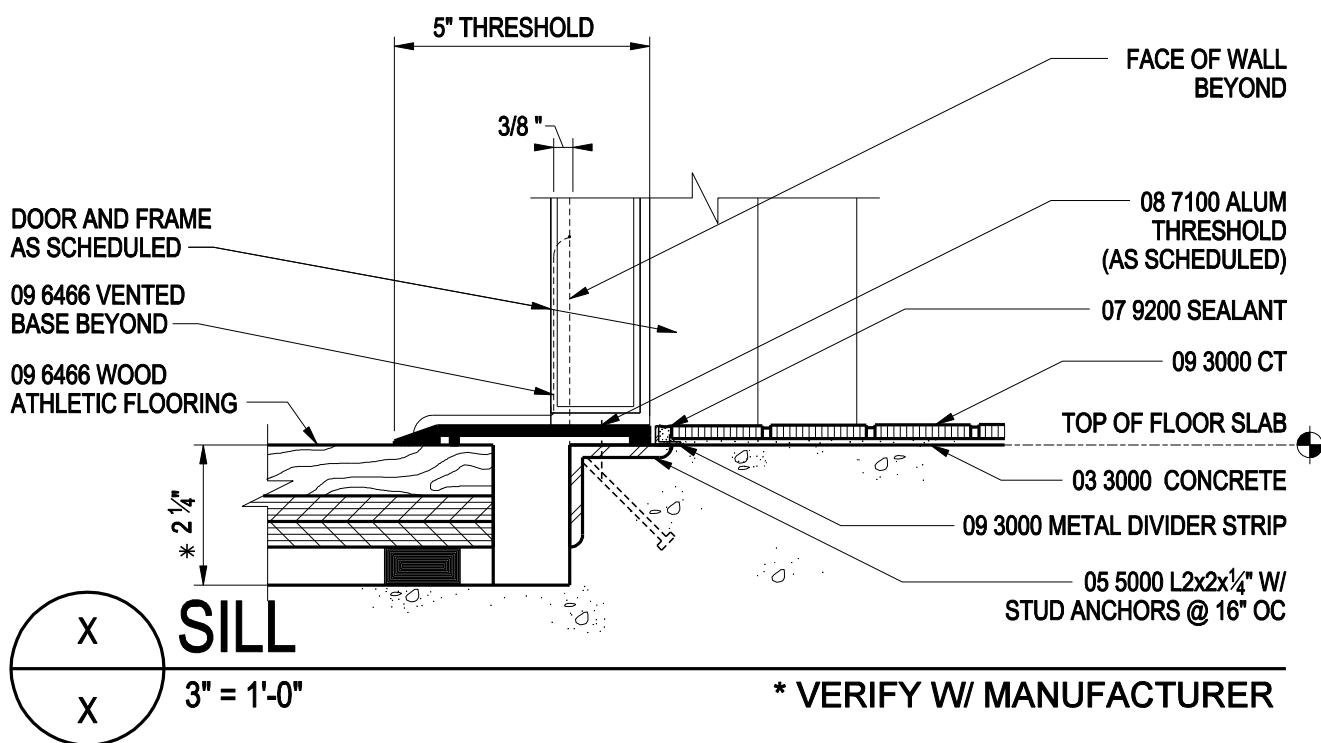
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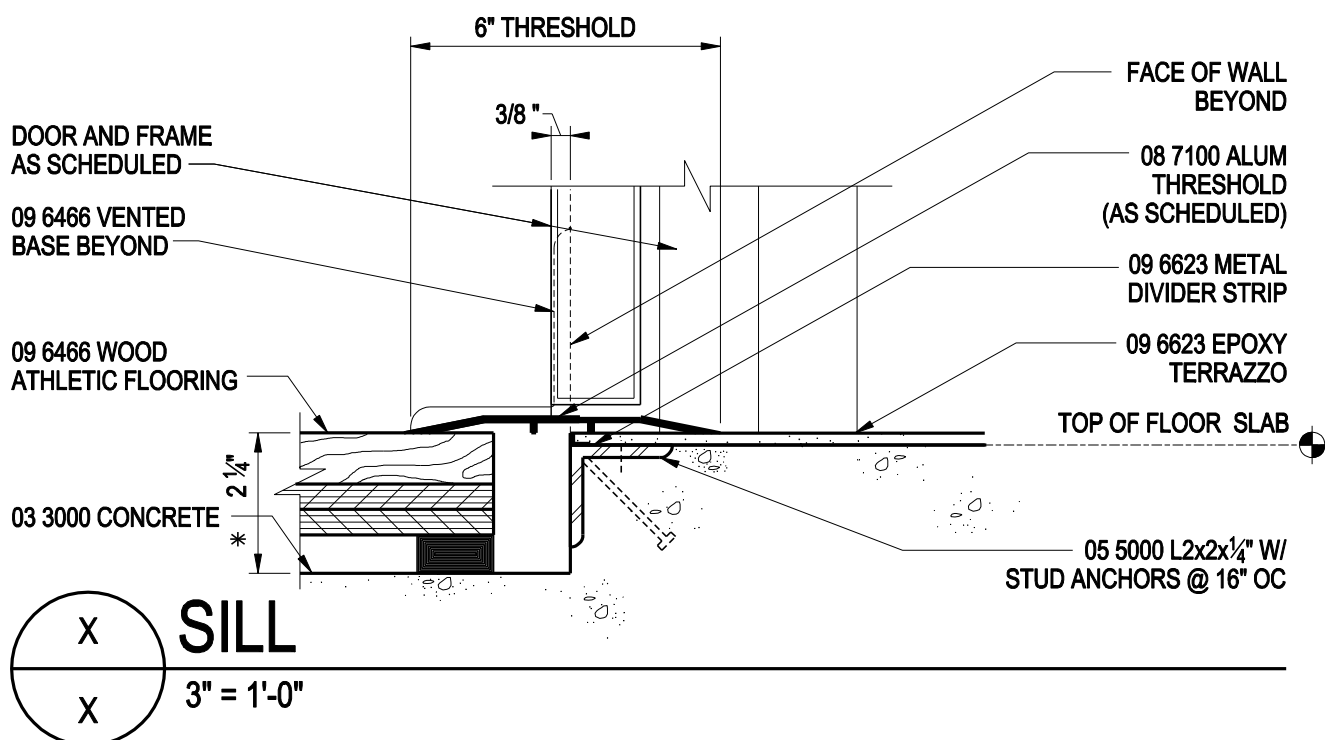
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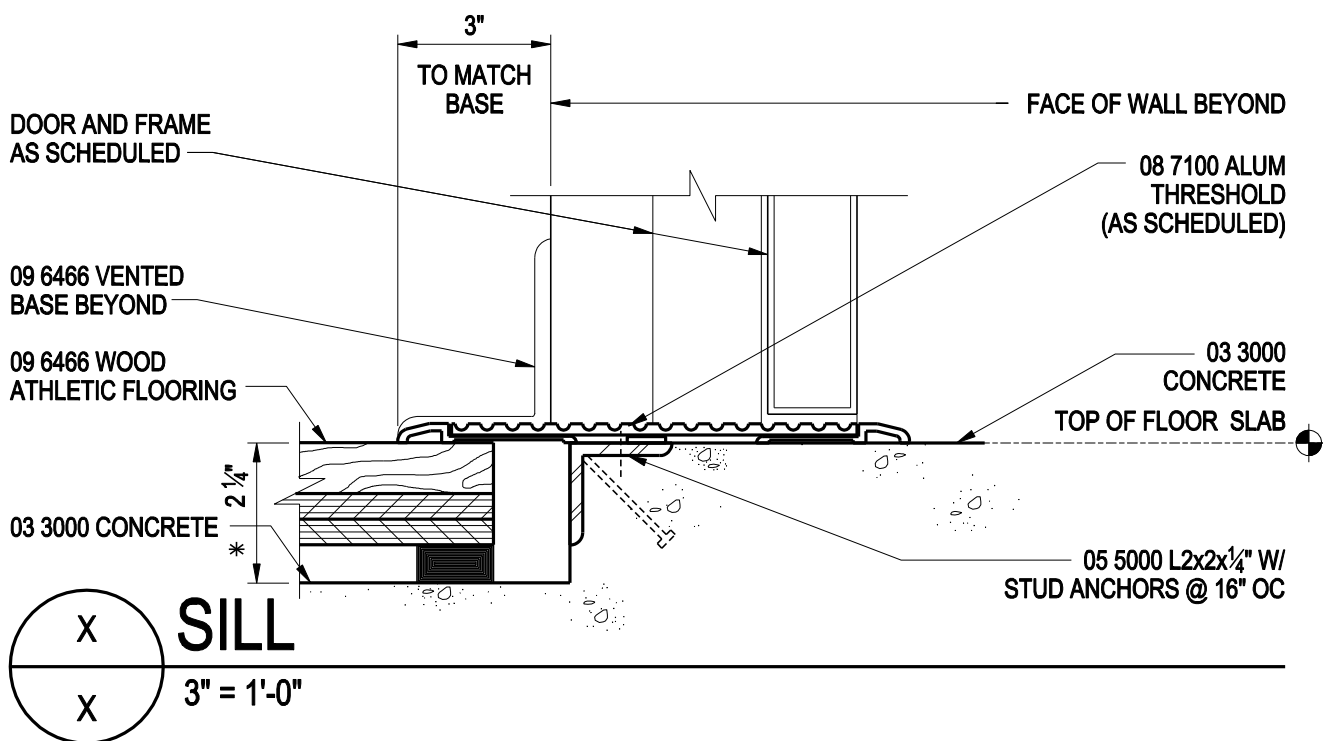
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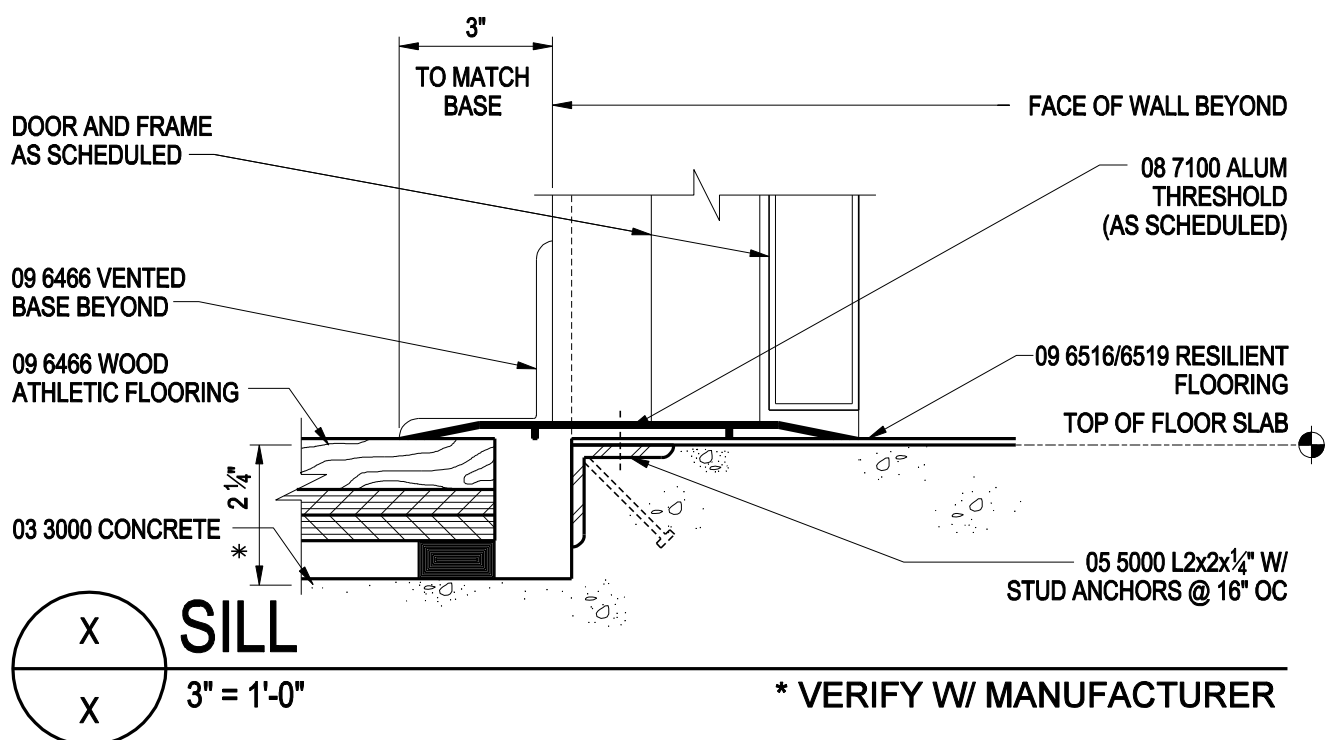
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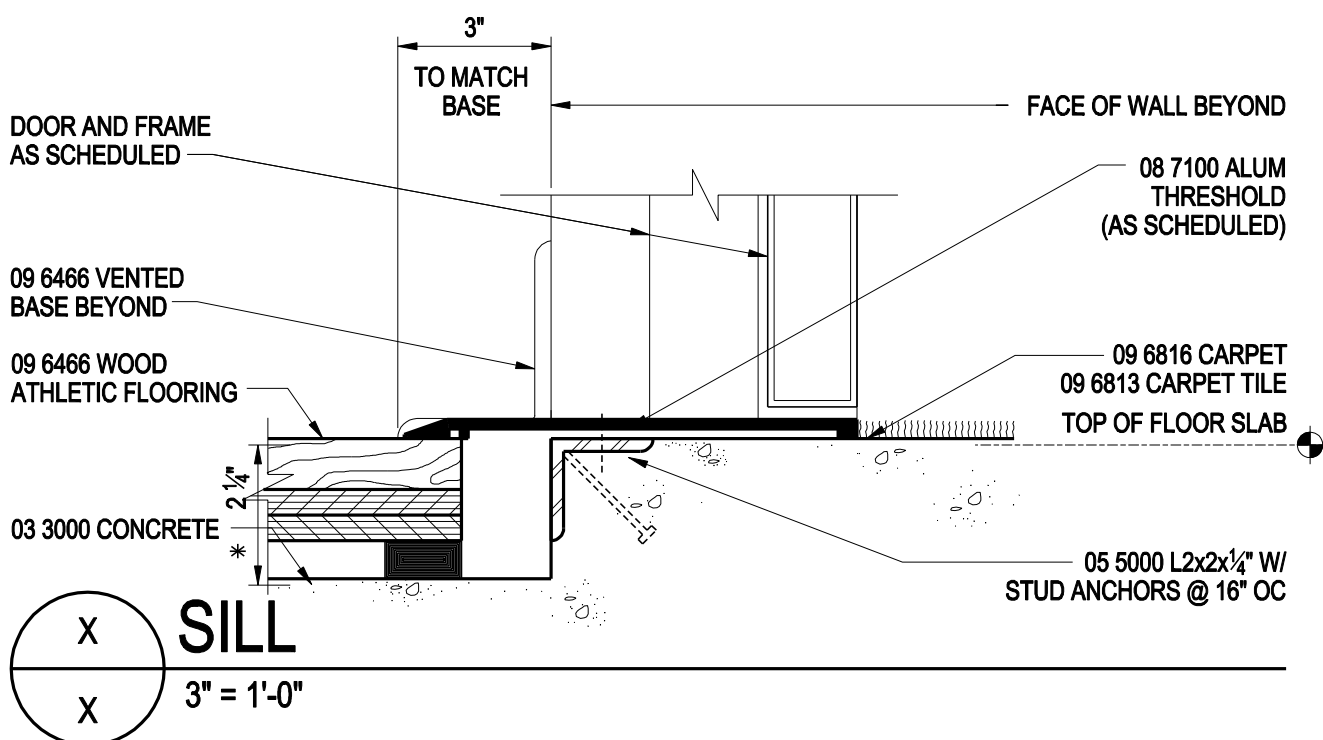
Standard Detail



Standard Detail



Standard Detail



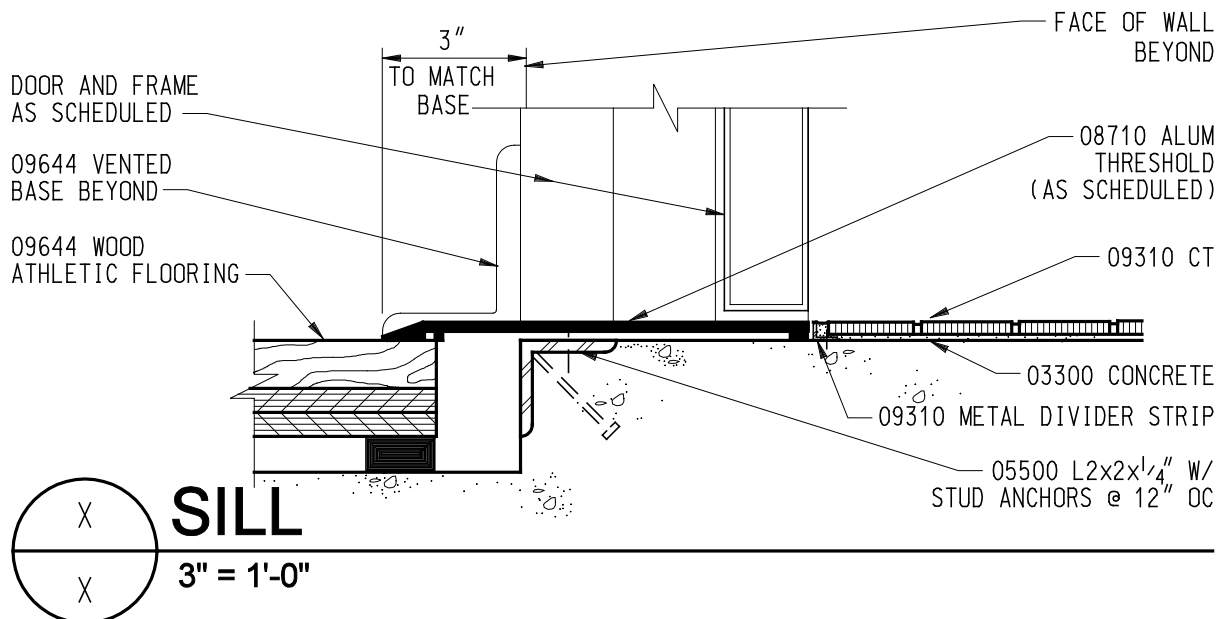


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COORDINATE SIZE OF THRESHOLD
WITH HARDWARE SPEC

Standard Detail



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\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08325

Date

5-5-00

Department

Architecture

Detail No.

08-325

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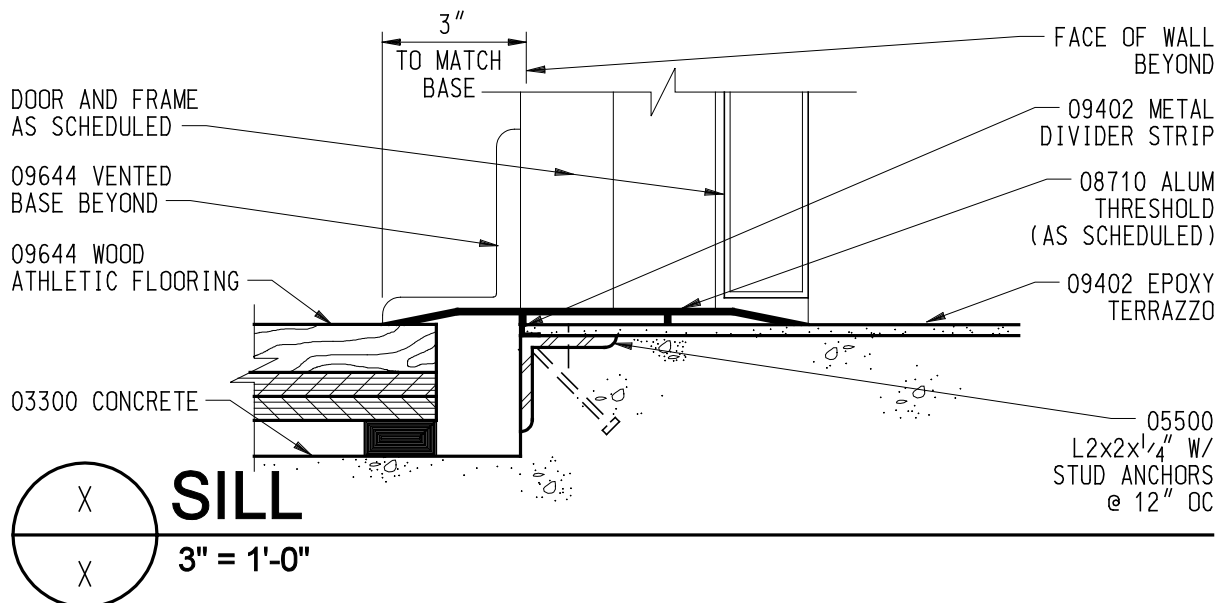


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COORDINATE SIZE OF THRESHOLD
WITH HARDWARE SPEC

Standard Detail



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Cell Name

08326

Date

5-5-00

Department

Architecture

Detail No.

08-326

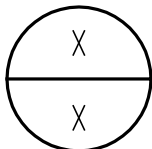
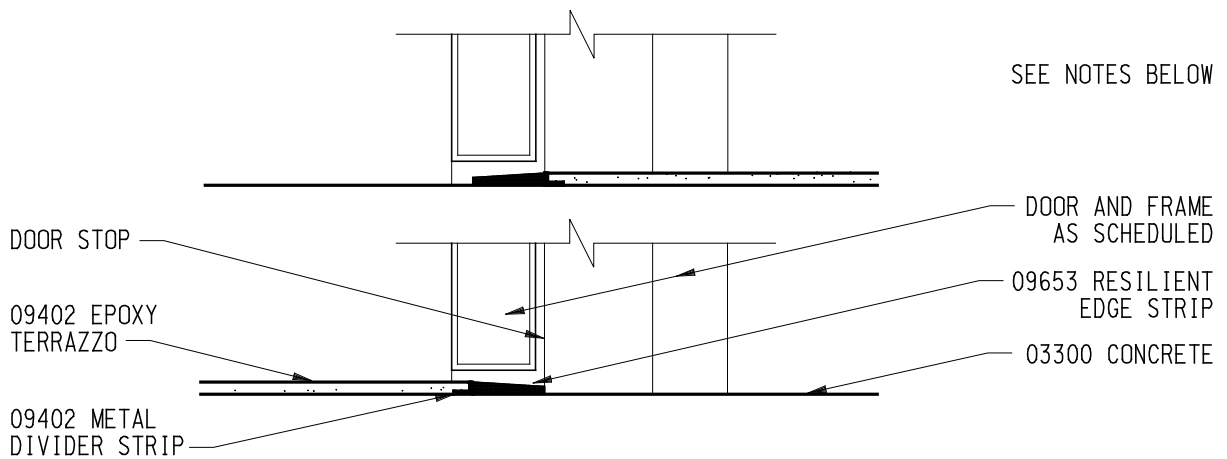
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SILL

3" = 1'-0"



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\$ DATE AND TIME \$

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Jeffrey Zona

Cell Library

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Cell Name

08327

Date

5-5-00

Department

Architecture

Detail No.

08-327

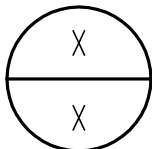
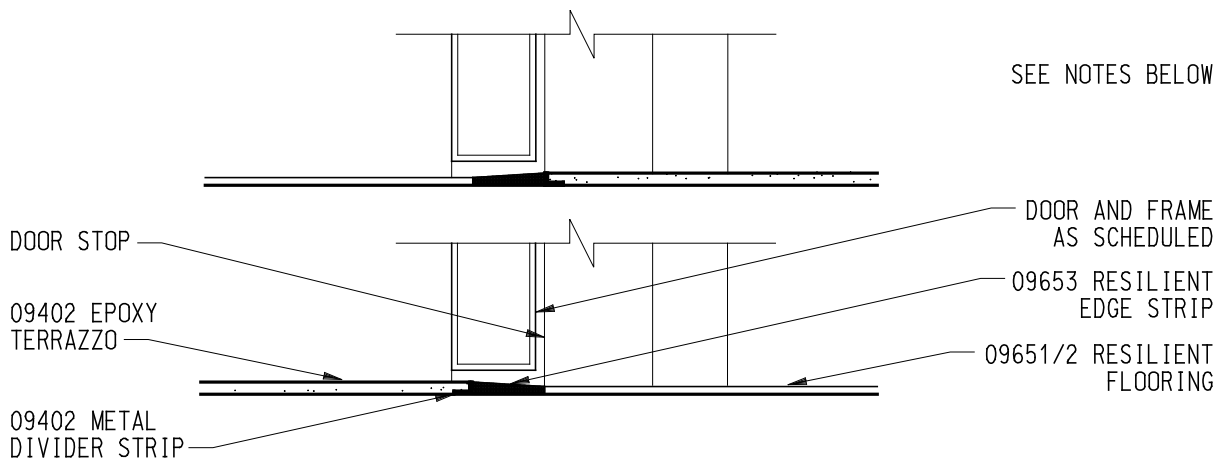
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SILL

3" = 1'-0"

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\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08328

Date

5-5-00

Department

Architecture

Detail No.

08-328

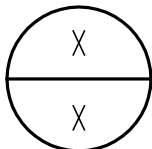
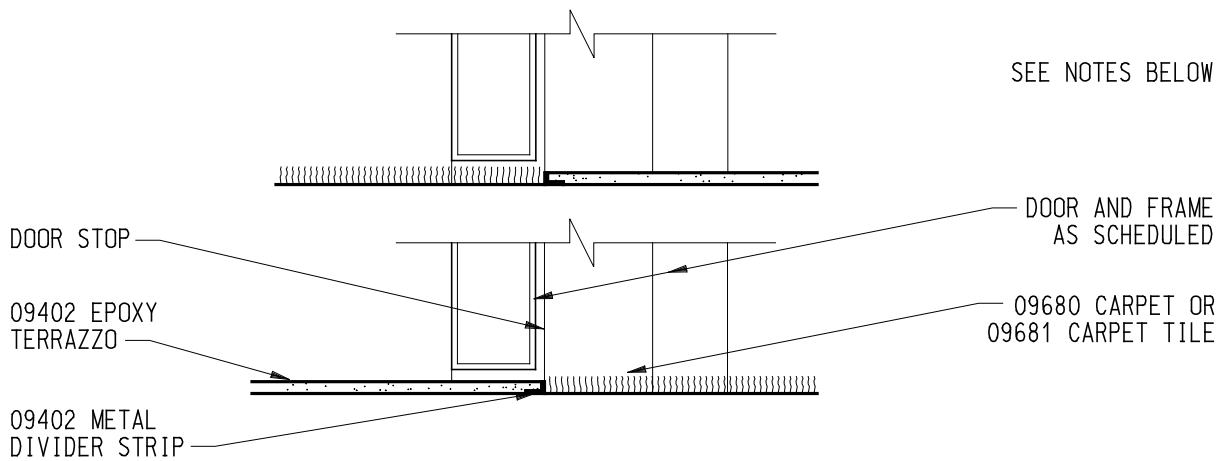
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Standard Detail



SILL

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Jeffrey Zona

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Cell Name

08329

Date

5-5-00

Department

Architecture

Detail No.

08-329

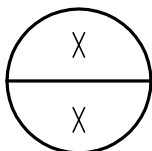
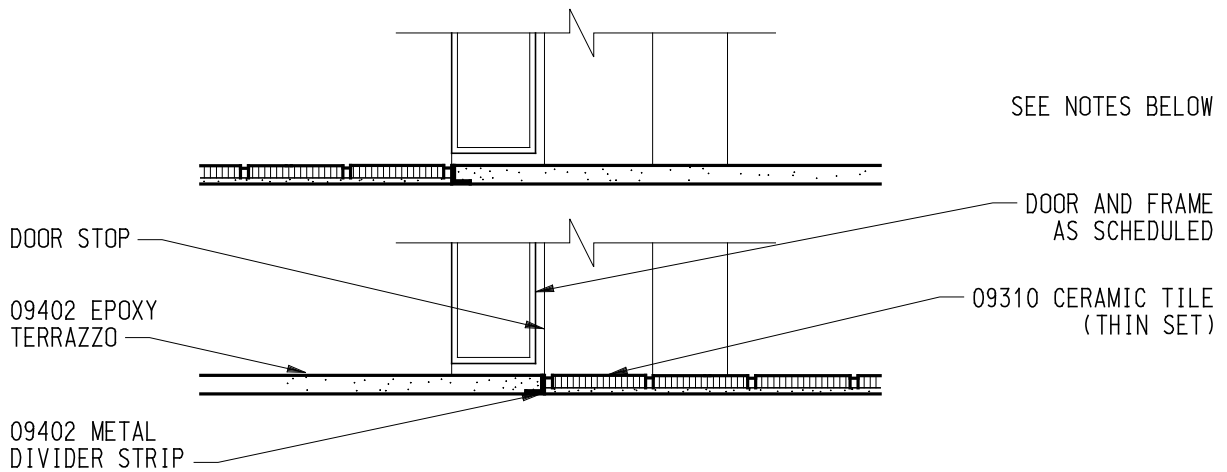
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SILL

3" = 1'-0"

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\$ DATE AND TIME \$

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Jeffrey Zona

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ARCH08.CEL

Cell Name

08330

Date

5-5-00

Department

Architecture

Detail No.

08-330

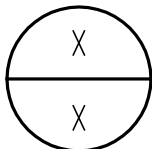
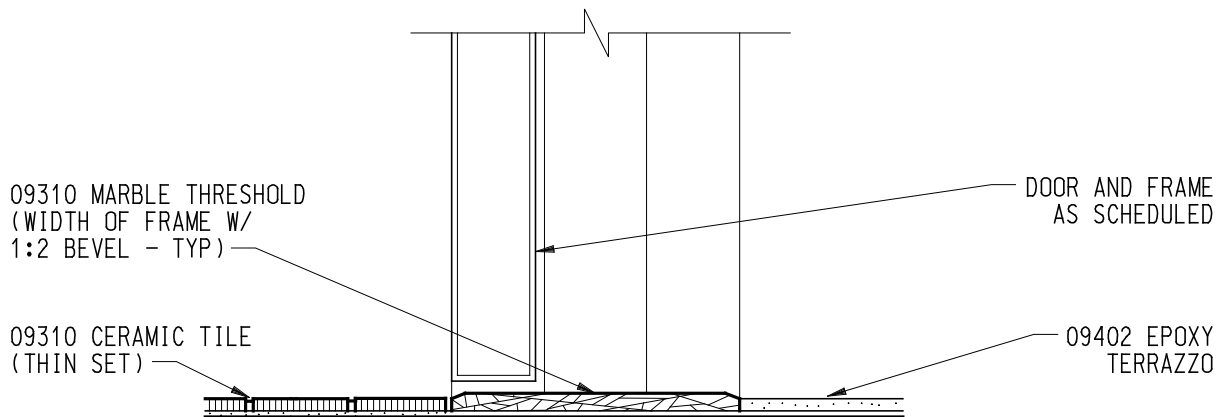
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Standard Detail



SILL

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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Cell Name

08331

Date

11-11-01

Department

Architecture

Detail No.

08-331

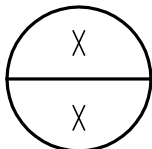
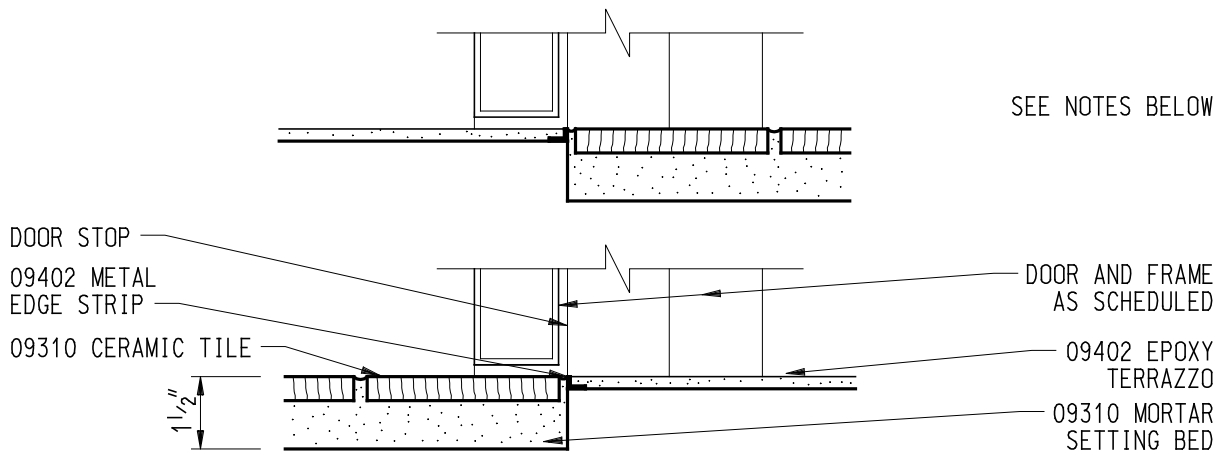
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Standard Detail



SILL

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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Date

11-11-01

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08-332

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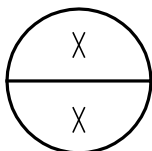
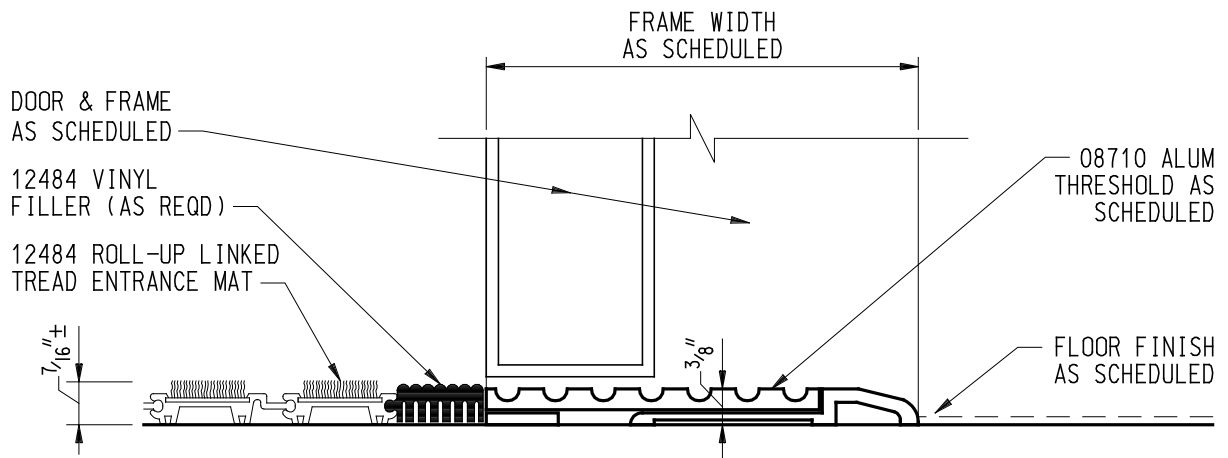


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

USE AT INTERIOR VESTIBULE DOORS ONLY
"FLOOR FINISH AS SCHEDULED" MAY INCLUDE CONC, RESILIENT
OR CARPET.
COORDINATE SIZE OF THRESHOLD
WITH HARDWARE SPEC



SILL

6" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08341

Date

11-11-01

Department

Architecture

Detail No.

08-341

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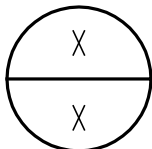
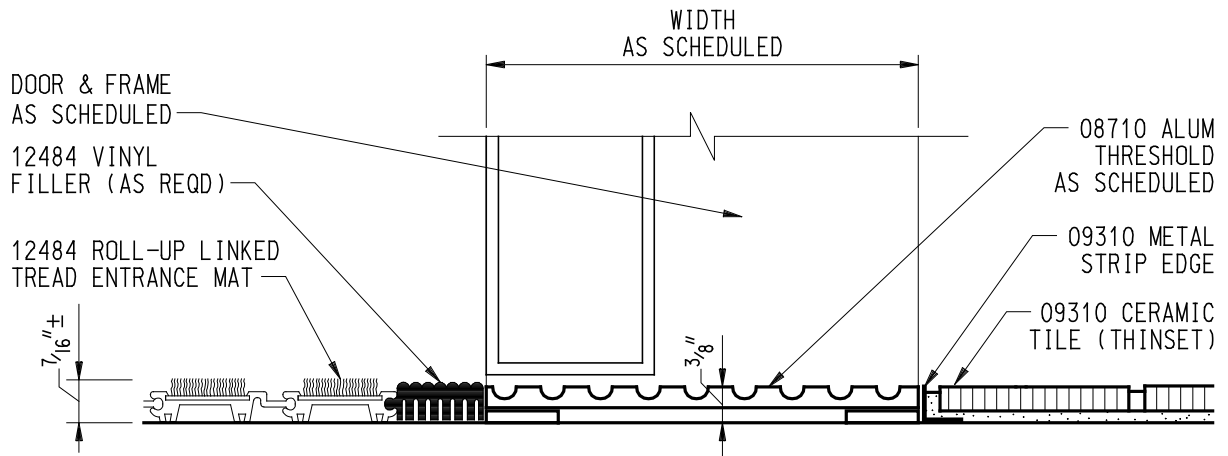


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

USE AT INTERIOR VESTIBULE DOORS ONLY

Standard Detail



SILL

6" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08342

Date

11-11-01

Department

Architecture

Detail No.

08-342

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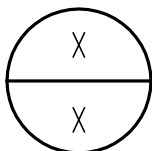
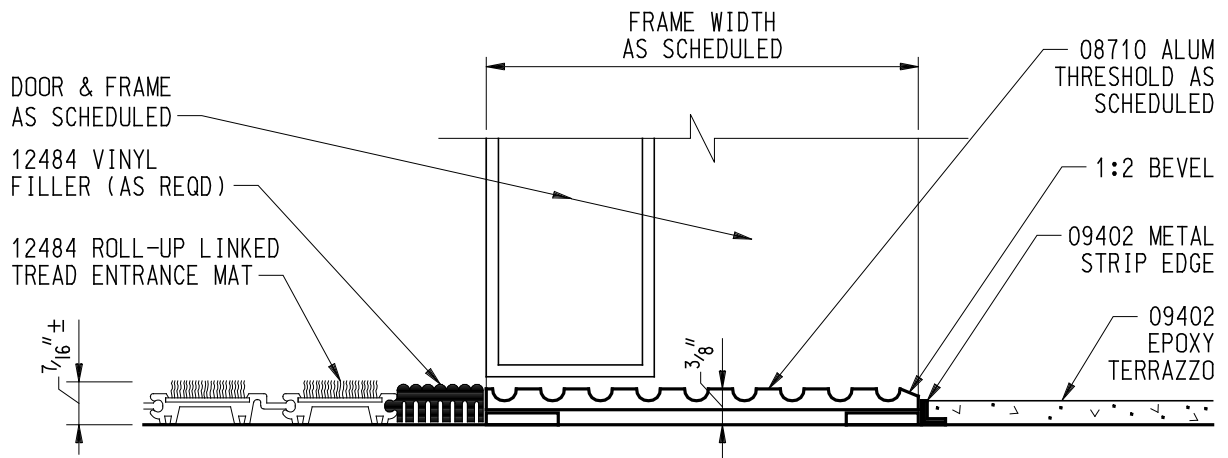


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

USE AT INTERIOR VESTIBULE DOORS ONLY
COORDINATE SIZE OF THRESHOLD
WITH HARDWARE SPEC

Standard Detail



SILL

6" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08343

Date

11-11-01

Department

Architecture

Detail No.

08-343

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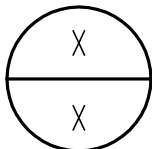
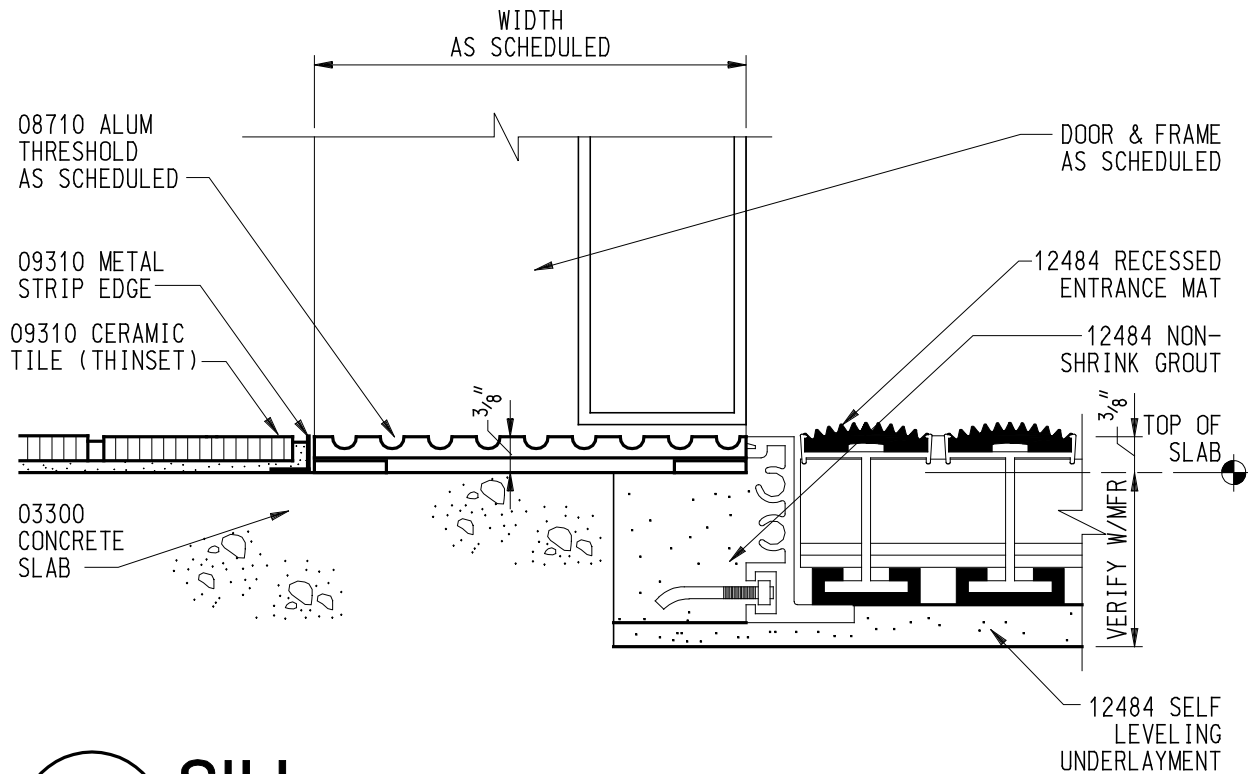


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

INTERIOR DOOR THRESHOLD W/RECESSED ENTRANCE MAT
AND CERAMIC TILE FLOOR FINISH
COORDINATE SIZE OF THRESHOLD
SEE 08-364 FOR EXT DOOR DETAIL



SILL

6" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08344

Date

1-24-02

Department

Architecture

Detail No.

08-344

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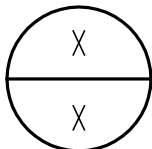
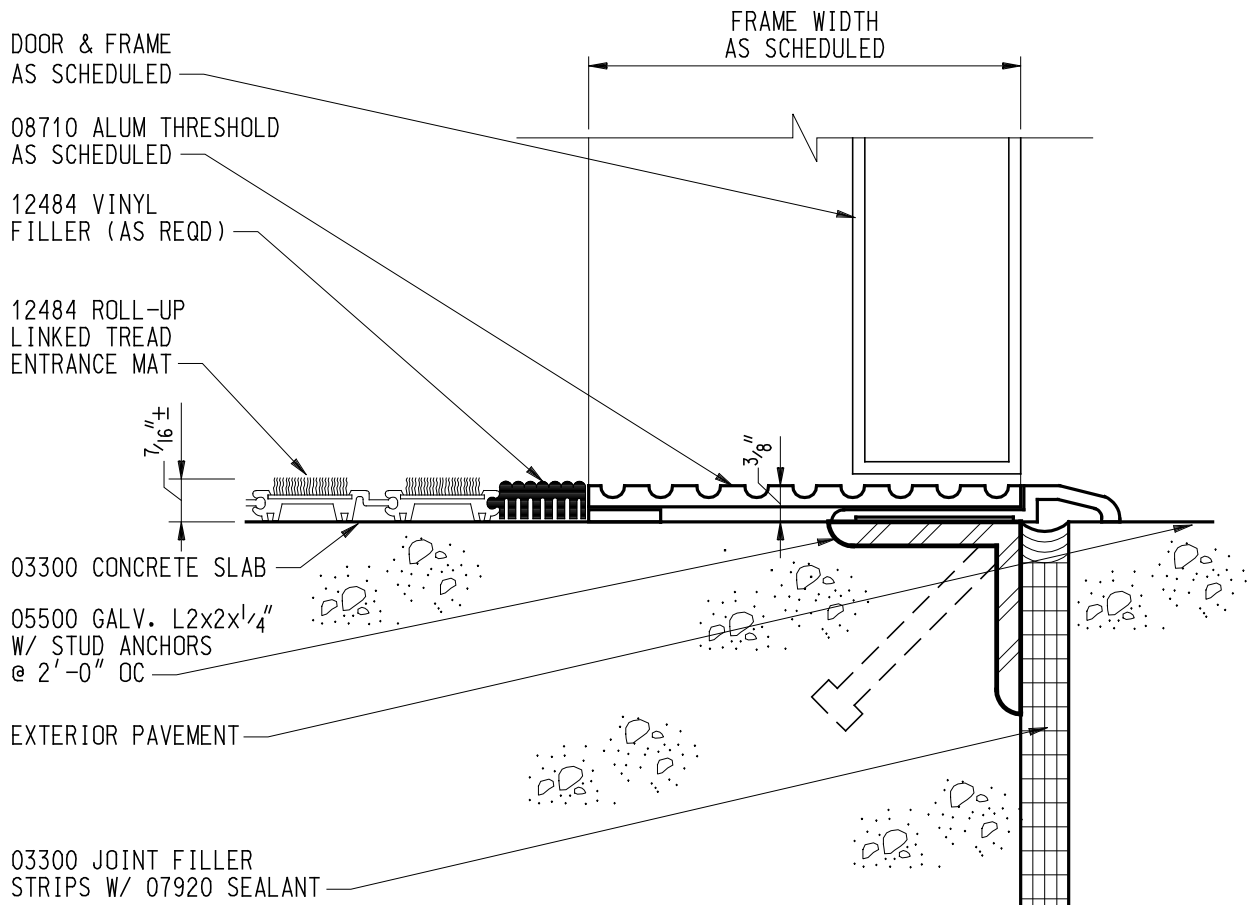


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Notes / Instructions

EXTERIOR DOOR THRESHOLD W/ LINKED TREAD ENTRANCE MAT
VERIFY POSITION OF PREMOLDED JT W/FOUNDATION DETAILS
AND COORDINATE THRESHOLD SIZE

Standard Detail



SILL

6" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08361

Date

11-11-01

Department

Architecture

Detail No.

08-361

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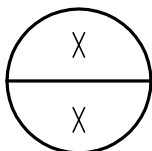
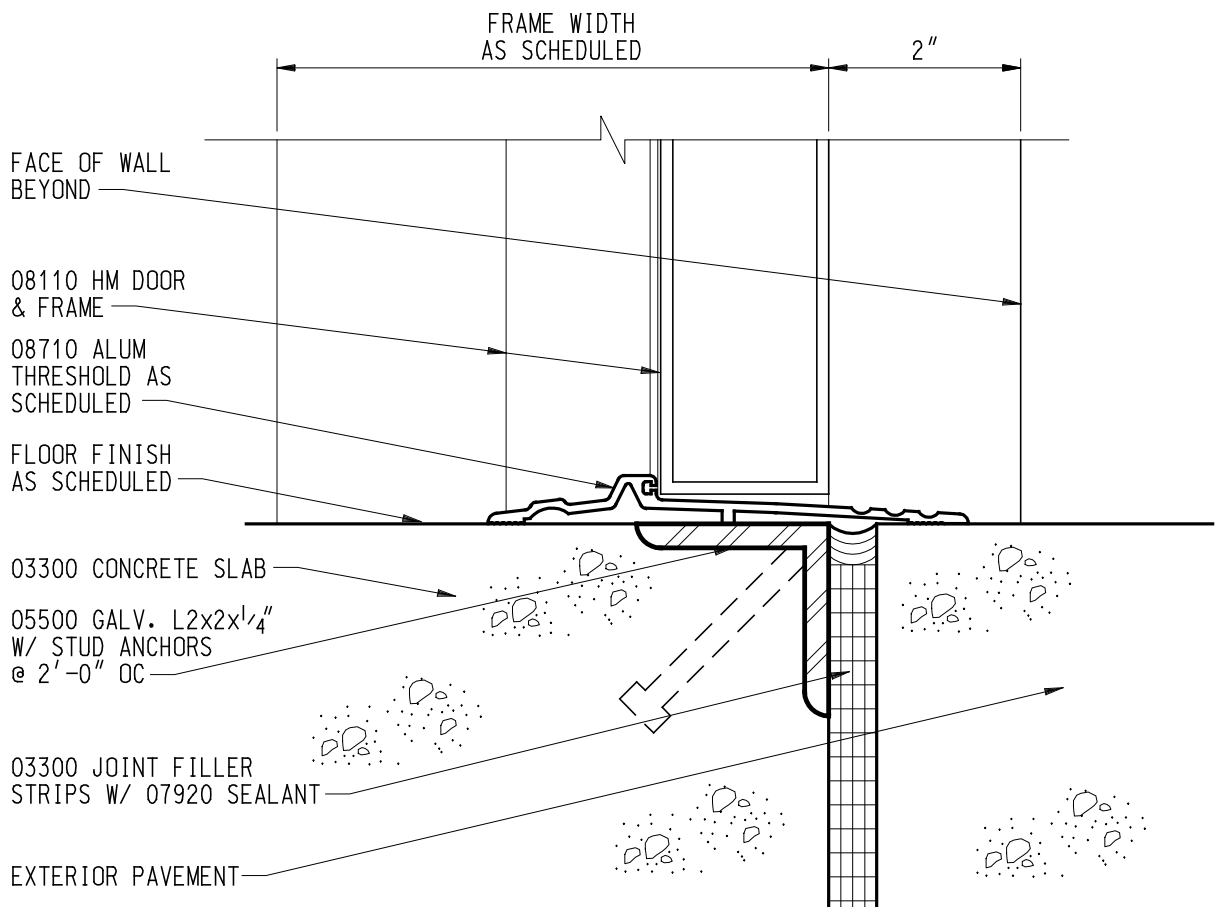


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

EXTERIOR HM DOOR AND FRAME THRESHOLD
VERIFY POSITION OF PREMOLDED JT W/FOUNDATION DETAILS
AND COORDINATE THRESHOLD SIZE
ALSO REFER TO HEAD DETAILS 08-121 OR 08-122
AND JAMB DETAIL 08-221



SILL

6" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08362

Date

11-11-01

Department

Architecture

Detail No.

08-362

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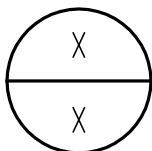
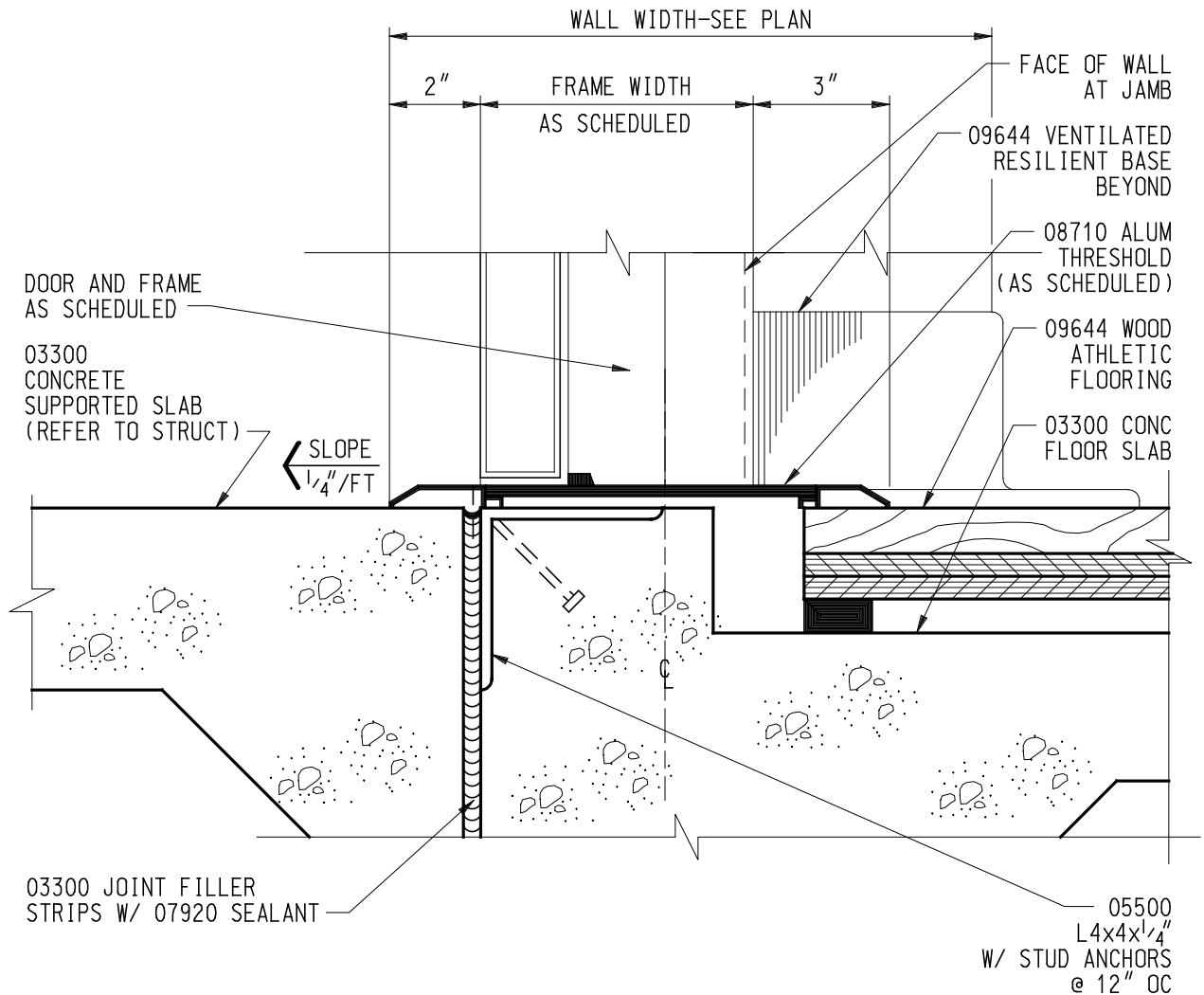


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Notes / Instructions

EXTERIOR A.M. DOOR THRESHOLD AT WOOD ATHLETIC
FLOOR. USE IN CONJUNCTION W/JAMB DETAIL 08-222

Standard Detail



SILL

6" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08363

Date

11-11-01

Department

Architecture

Detail No.

08-363

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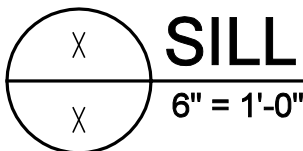
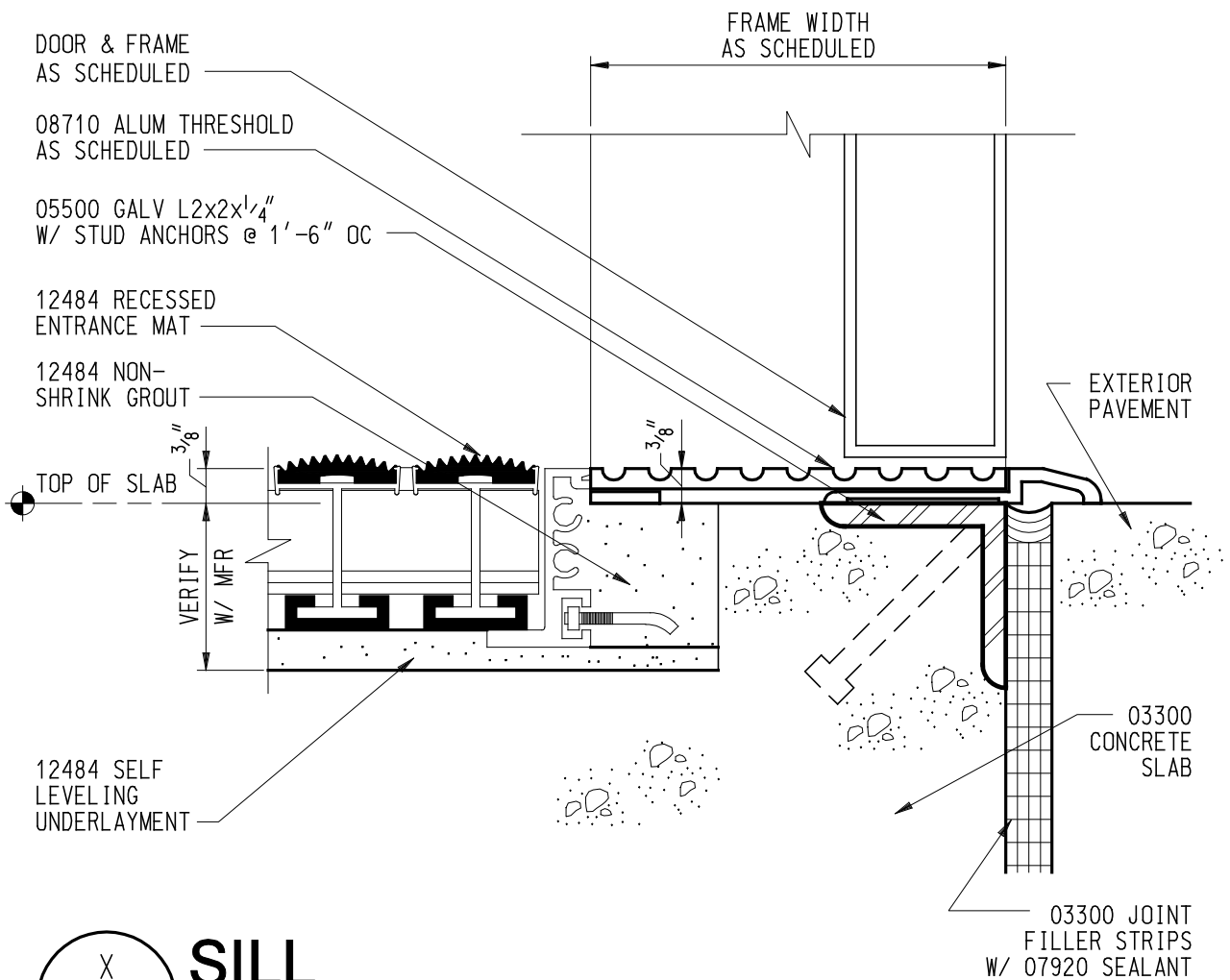


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Notes / Instructions

INTERIOR DOOR THRESHOLD W/ RECESSED ENTRANCE MAT
VERIFY POSITION OF PREMOLD JOINT W/ FOUNDATION
DETAILS AND COORDINATE SIZE OF THRESHOLD
SEE 08-344 FOR INT DOOR DETAIL

Standard Detail



SILL

6" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08364

Date

1-24-02

Department

Architecture

Detail No.

08-364

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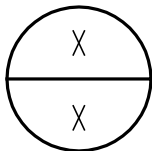
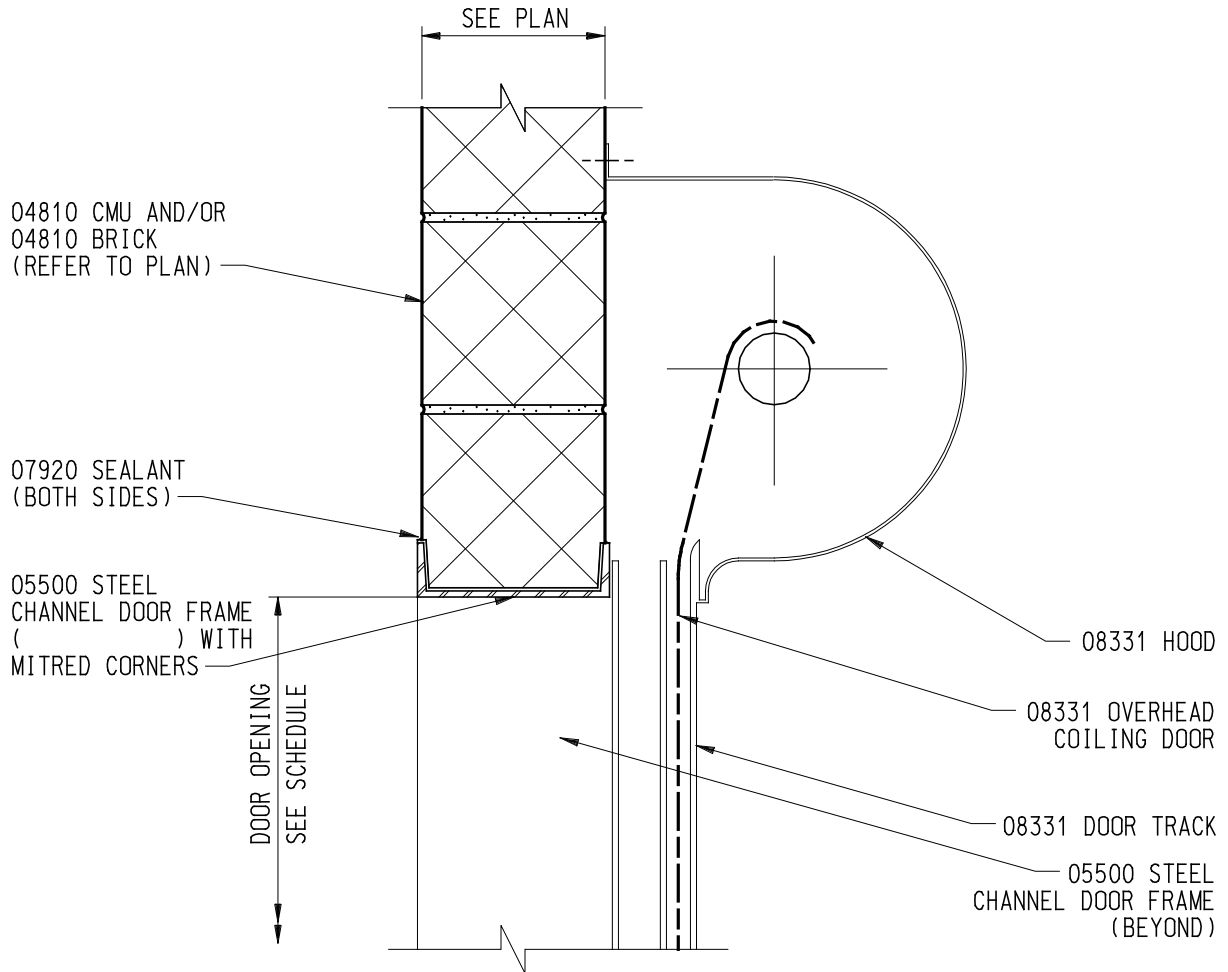
Notes / Instructions

SCHEDULE ALL OVERHEAD DOORS IN DOOR SCHEDULE

SIZE CHANNEL

DRAW AND NOMENCLATE LINTEL CONSTRUCTION

Standard Detail



OVERHEAD COILING DOOR HEAD

1 1/2" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

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ARCH08.CEL

Cell Name

08401

Date

5-5-00

Department

Architecture

Detail No.

08-401

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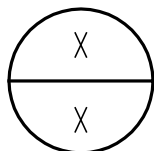
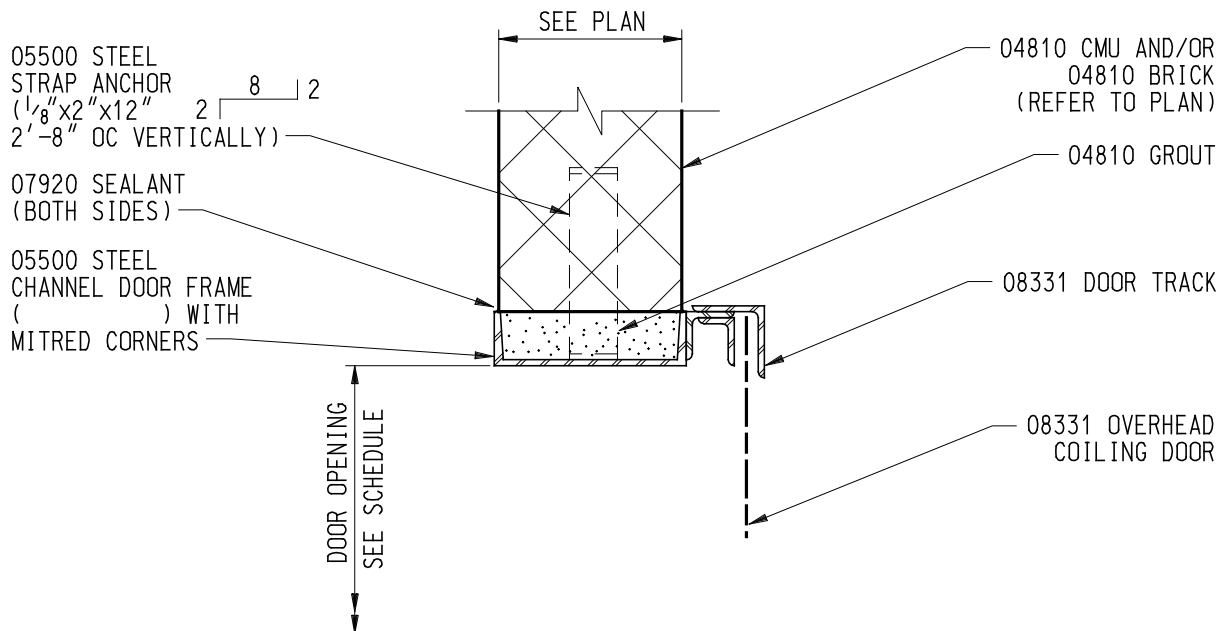


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Architecture, Engineering, Interiors & Technology

Notes / Instructions

SCHEDULE ALL OVERHEAD DOORS IN DOOR SCHEDULE
SIZE CHANNEL

Standard Detail



OVERHEAD COILING DOOR JAMB

1 1/2" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08402

Date

1-23-02

Department

Architecture

Detail No.

08-402

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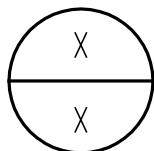
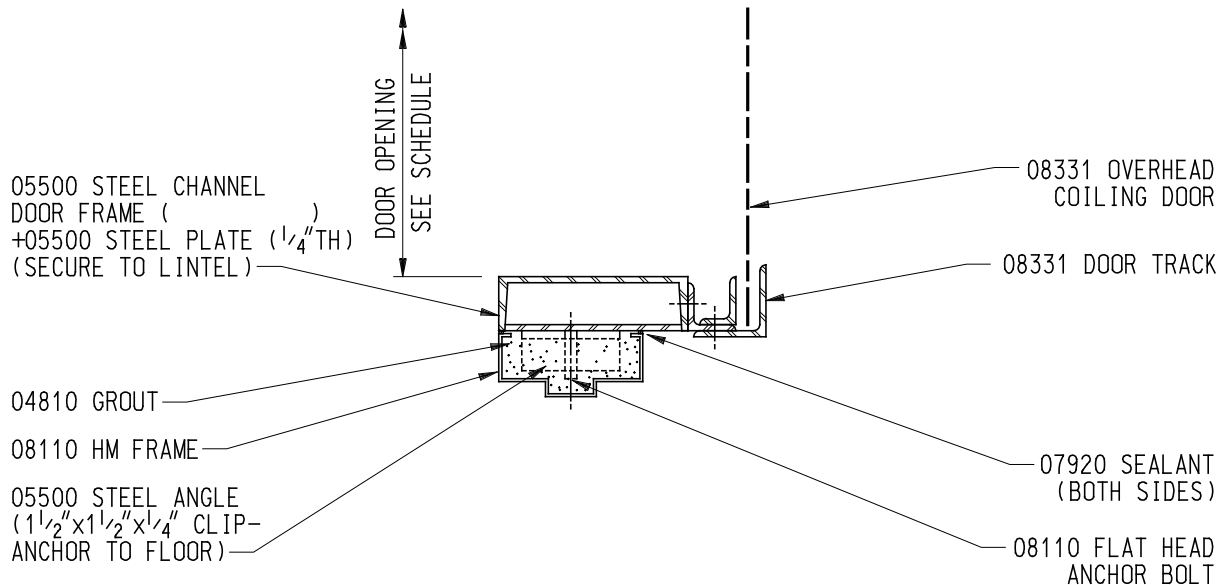


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

SCHEDULE ALL OVERHEAD DOORS IN DOOR SCHEDULE
SIZE CHANNEL

Standard Detail



OVERHEAD COILING DOOR JAMB

1 1/2" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08403

Date

5-5-00

Department

Architecture

Detail No.

08-403

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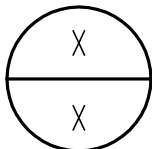
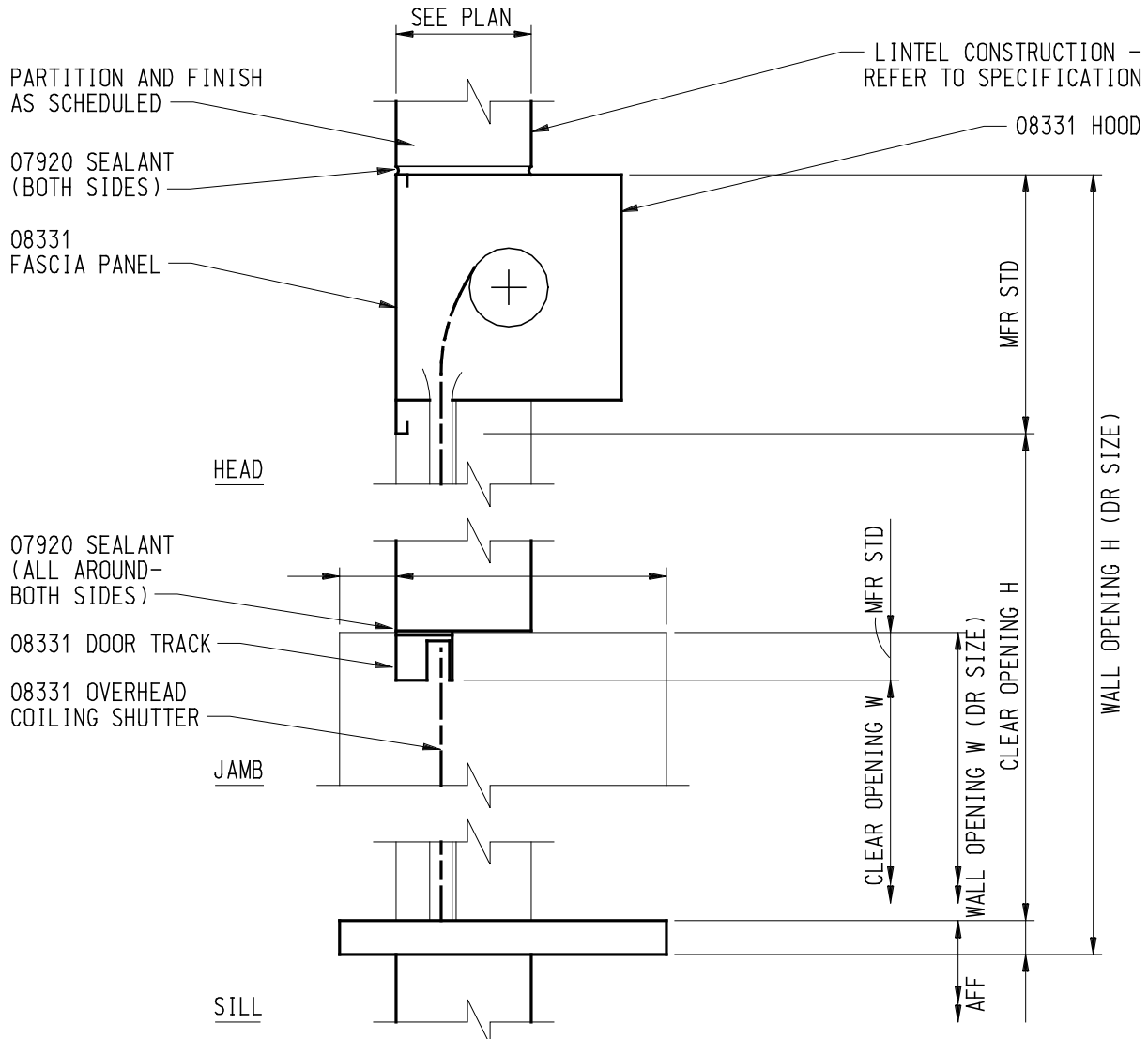


Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

MANUAL OPERATION - BETWEEN JAMB MOUNTED
NOMENCLATE COUNTER MATERIAL & ADD DIMENSIONS FOR
THICKNESS, WIDTH, & HEIGHT ABOVE FINISH FLOOR
ADD DIMENSIONS FOR WALL OPENING HEIGHT, & WIDTH
SCHEDULE ALL OVERHEAD COILING SHUTTERS IN DOOR
SCHEDULE



OVERHEAD COILING SHUTTER

1 1/2" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08451

Date

5-5-00

Department

Architecture

Detail No.

08-451

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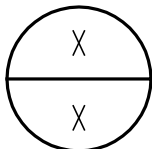
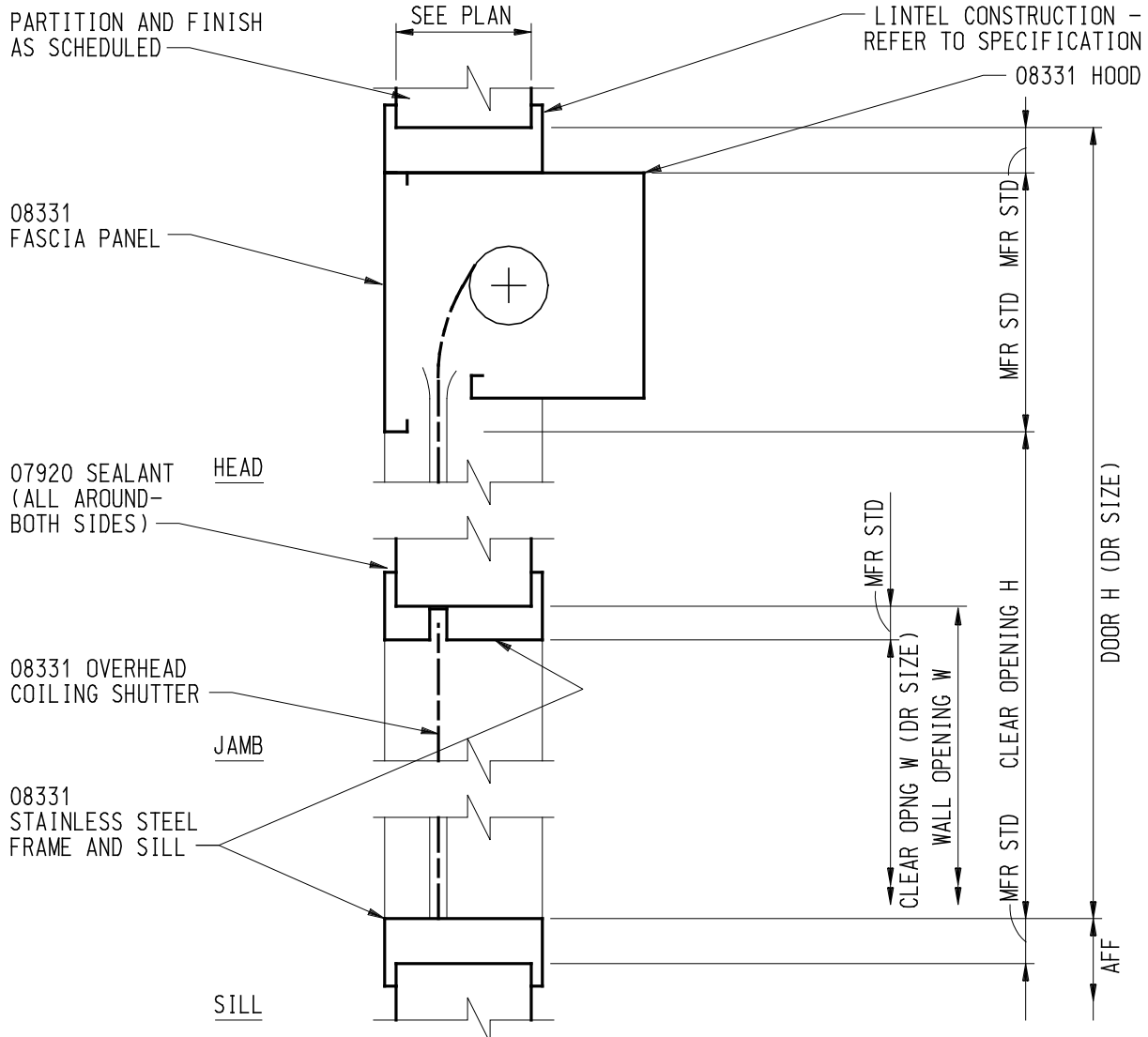
Notes / Instructions

MANUAL OPERATION - INTEGRAL FRAME

ADD DIMENSIONS FOR SILL HEIGHT ABOVE FINISH FLOOR,
DOOR HEIGHT, & CLEAR OPENING WIDTH

SCHEDULE ALL OVERHEAD COILING SHUTTERS IN DOOR
SCHEDULE

Standard Detail



INTEGRAL FRAME OVERHEAD COILING SHUTTER

1 1/2" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08452

Date

5-5-00

Department

Architecture

Detail No.

08-452

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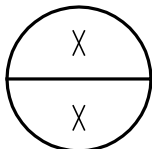
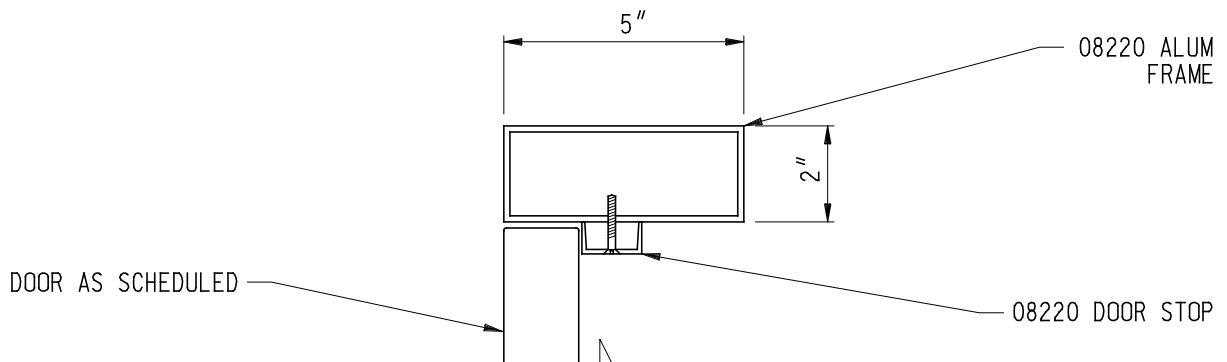
Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

SPECIAL-LITE, INC SL-250

REFERENCE DETAIL TO FRAME TYPE ELEVATIONS

Standard Detail



FRAME - ALUM

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08701

Date

7-JUL-00

Department

Architecture

Detail No.

08-701

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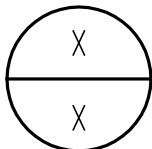
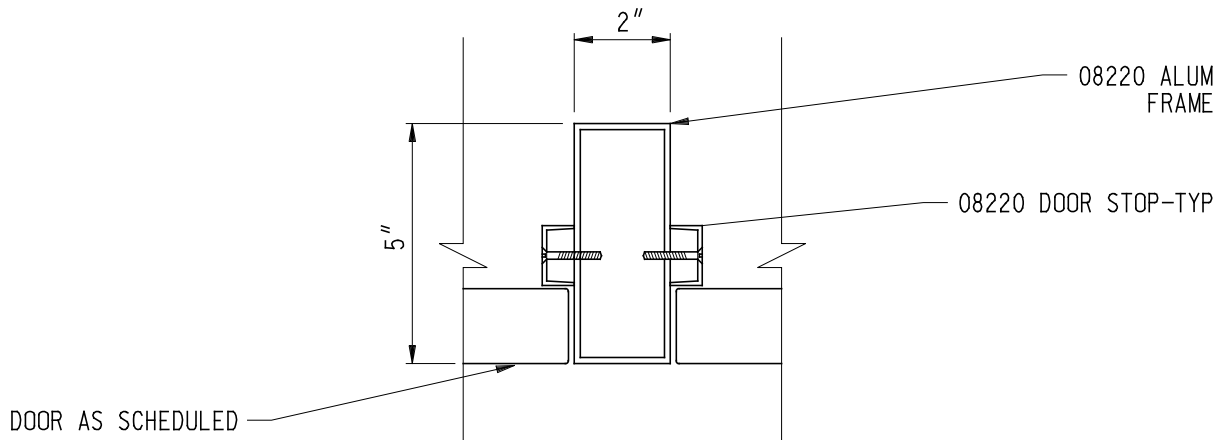
Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Notes / Instructions

SPECIAL-LITE, INC SL-250

REFERENCE DETAIL TO FRAME TYPE ELEVATIONS

Standard Detail



FRAME - ALUM

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08702

Date

7-JUL-00

Department

Architecture

Detail No.

08-702

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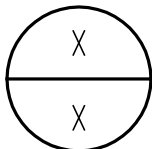
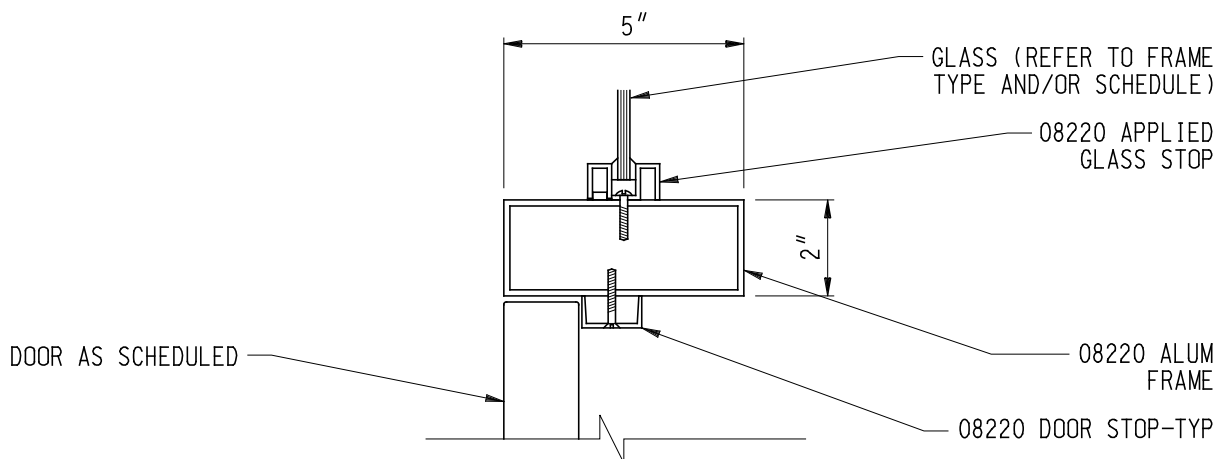
Notes / Instructions

SPECIAL-LITE, INC SL-250

1/4" GLAZING

REFERENCE DETAIL TO FRAME TYPE ELEVATIONS

Standard Detail



FRAME - ALUM W/ GLASS

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08703

Date

7-JUL-00

Department

Architecture

Detail No.

08-703

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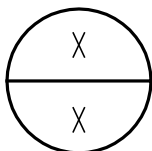
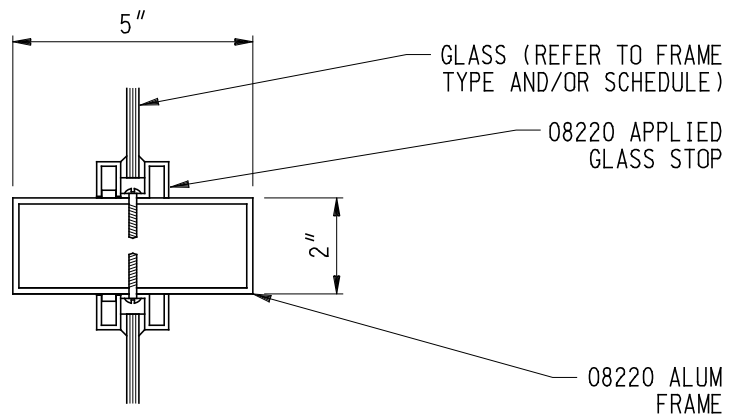
Notes / Instructions

SPECIAL-LITE, INC SL-250

1/4" GLAZING

REFERENCE DETAIL TO FRAME TYPE ELEVATIONS

Standard Detail



FRAME - ALUM W/ GLASS

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08704

Date

7-JUL-00

Department

Architecture

Detail No.

08-704

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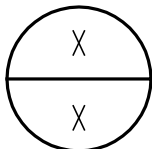
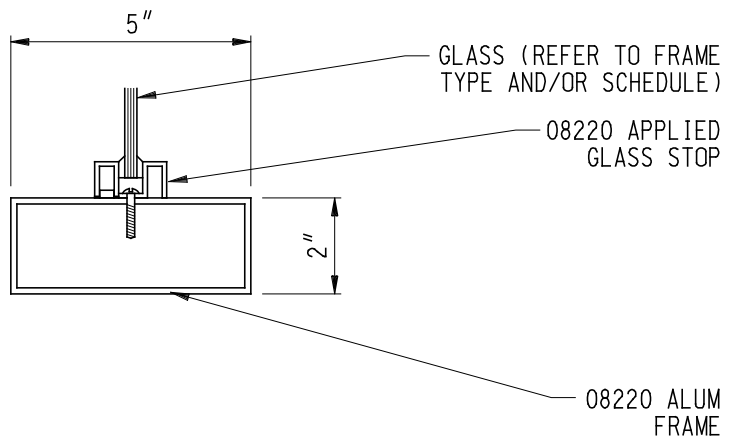
Notes / Instructions

SPECIAL-LITE, INC SL-250

1/4" GLAZING

REFERENCE DETAIL TO FRAME TYPE ELEVATIONS

Standard Detail



FRAME - ALUM W/ GLASS

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

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ARCH08.CEL

Cell Name

08705

Date

7-JUL-00

Department

Architecture

Detail No.

08-705

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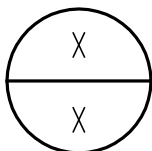
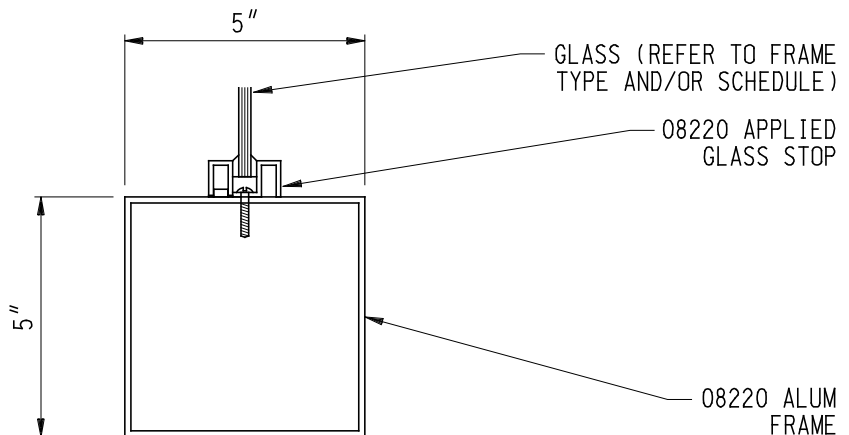
Notes / Instructions

SPECIAL-LITE, INC SL-250

1/4" GLAZING

REFERENCE DETAIL TO FRAME TYPE ELEVATIONS

Standard Detail



FRAME - ALUM W/ GLASS

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08706

Date

7-JUL-00

Department

Architecture

Detail No.

08-706

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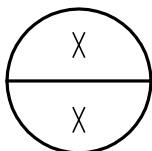
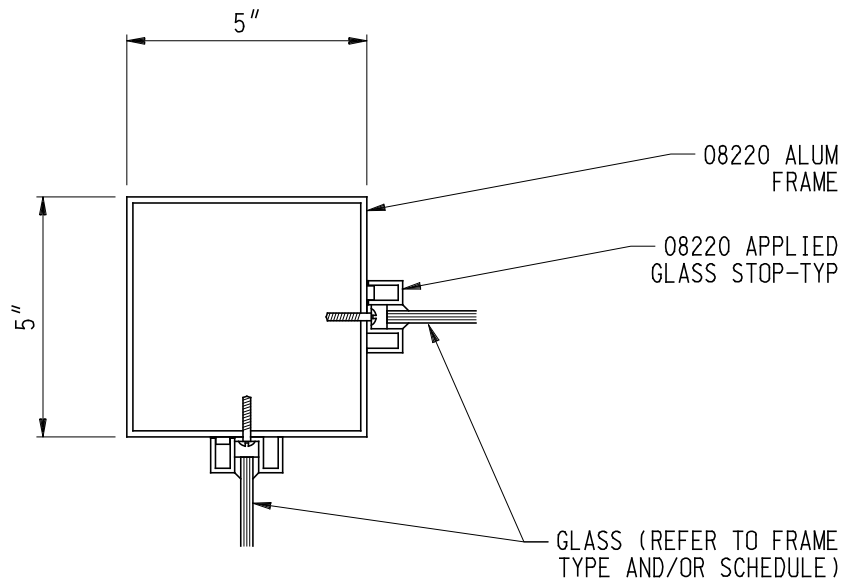
Notes / Instructions

SPECIAL-LITE, INC SL-250

1/4" GLAZING

REFERENCE DETAIL TO FRAME TYPE ELEVATIONS

Standard Detail



FRAME - ALUM W/ GLASS

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH08.CEL

Cell Name

08707

Date

7-JUL-00

Department

Architecture

Detail No.

08-707

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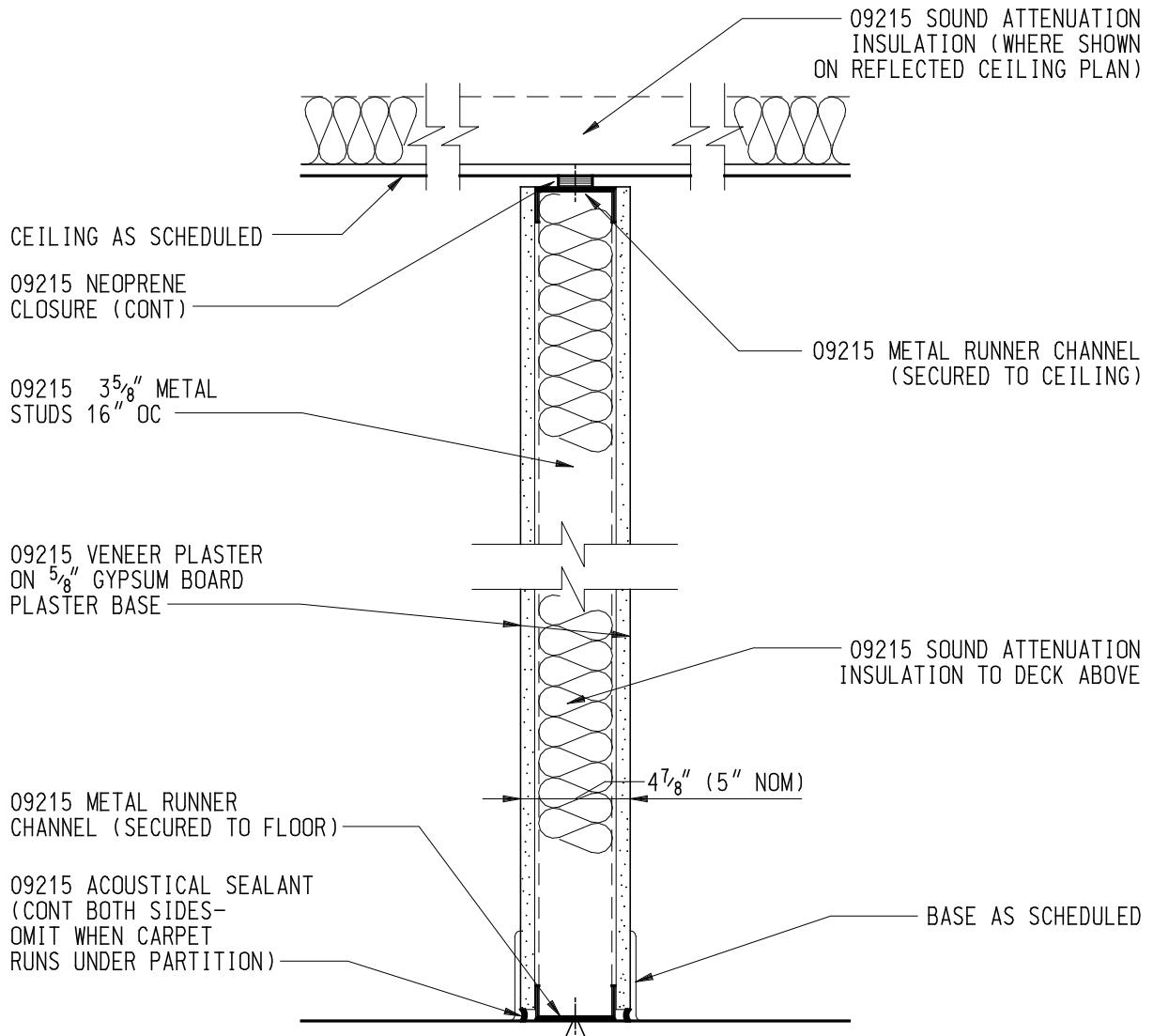
Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3"AC INSULATION = 50±



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH09.CEL

Cell Name

09101

Date

1-24-02

Department

Architecture

Detail No.

09-101

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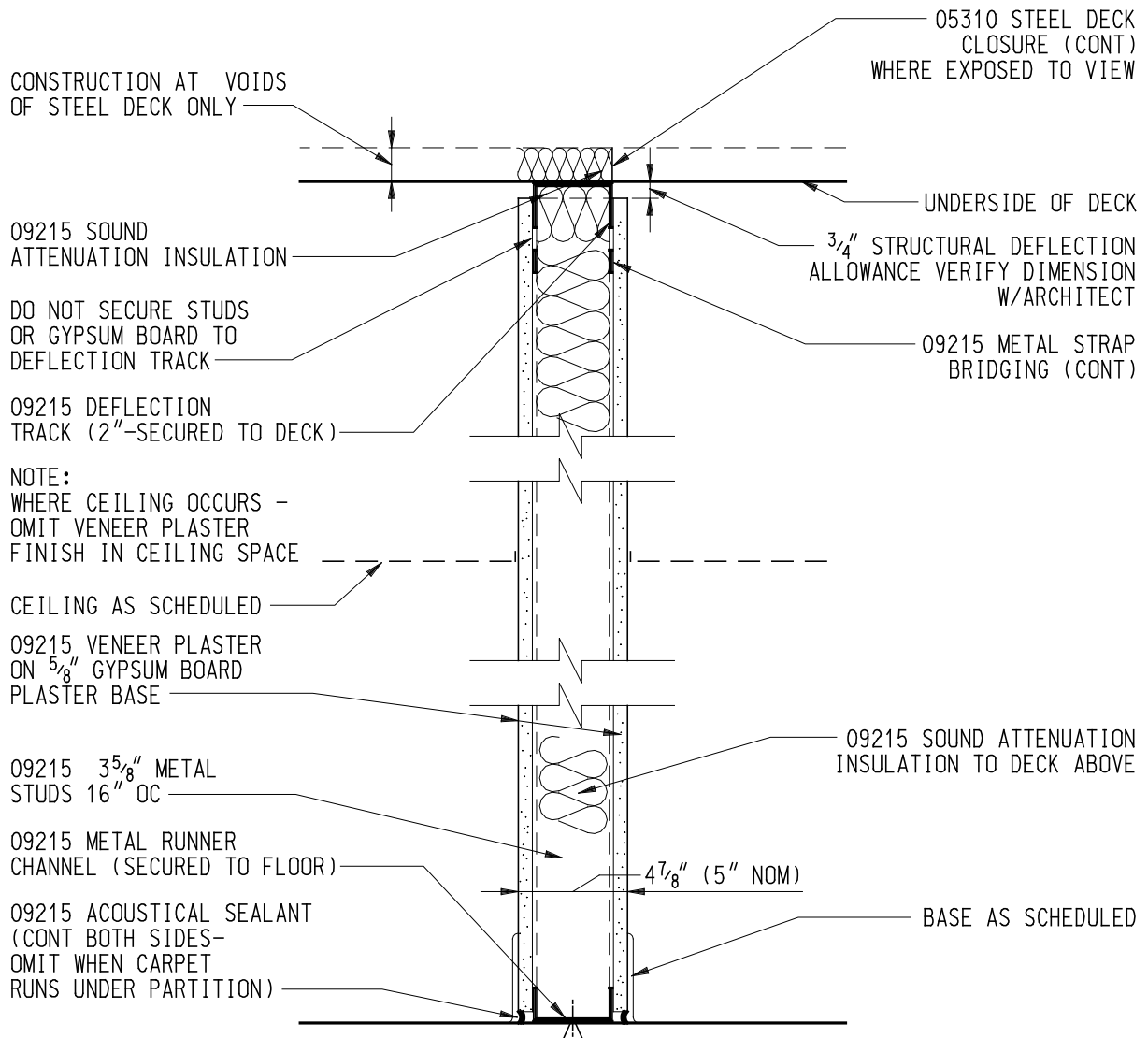
Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3"AC INSULATION = 50±



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH09.CEL

Cell Name

09102

Date

1-24-02

Department

Architecture

Detail No.

09-102

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Standard Detail

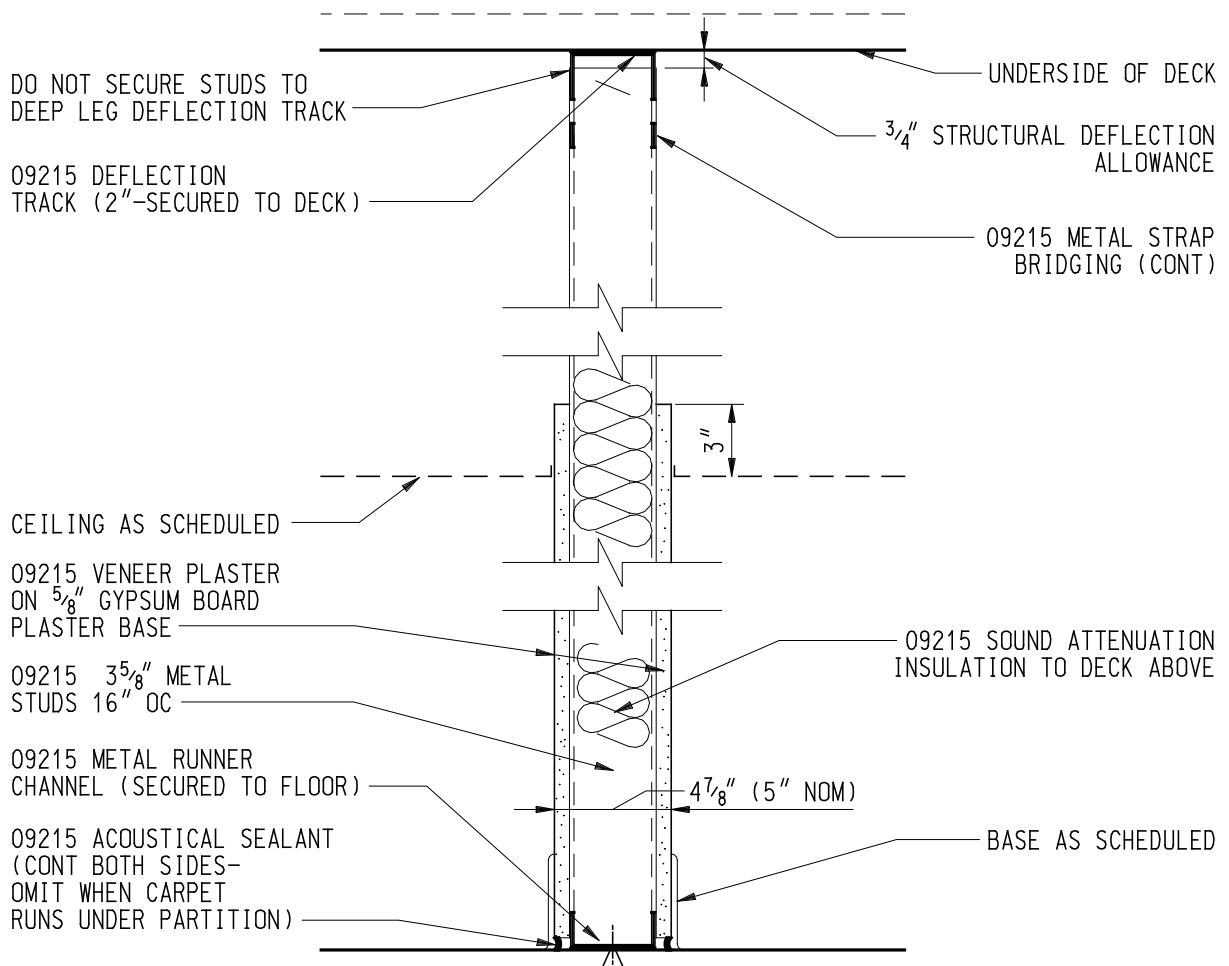
Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION

STC RATING W/3" AC INSULATION = 50±

DRAW AND NOMENCLATE ADDITIONAL CLOSURES AND SEALS
ABOVE CEILING AS APPLICABLE



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH09.CEL

Cell Name

09103

Date

1-24-02

Department

Architecture

Detail No.

09-103

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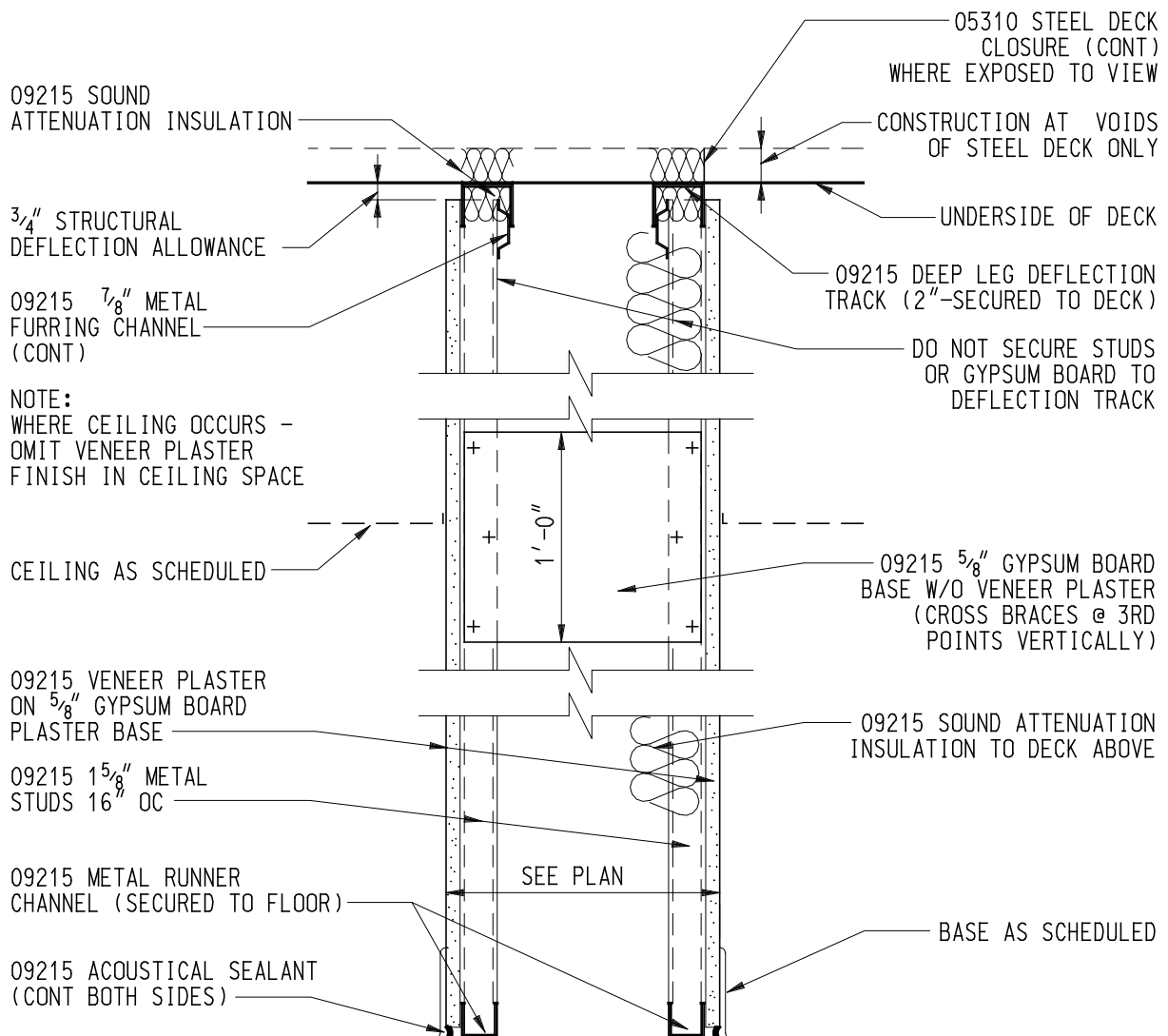
Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3" AC INSULATION = 50-54



CHASE WALL PARTITION

NON-RATED

NO SCALE

(REFER TO FLOOR PLANS)

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH09.CEL

Cell Name

09104

Date

1-24-02

Department

Architecture

Detail No.

09-104

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Standard Detail

Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT AND RATING - INDICATE
PARTITION TYPE ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3" AC INSULATION = 52±

CONSTRUCTION AT VOIDS
OF STEEL DECK ONLY

07842 HEAD OF FIRE
WALL FIRE RESISTIVE
JOINT SYSTEM

DO NOT SECURE STUDS
OR GYPSUM BOARD TO
DEFLECTION TRACK

09215 DEEP LEG DEFLECTION
TRACK (2"-SECURED TO DECK)

CEILING AS SCHEDULED

09215 VENEER PLASTER
ON $\frac{5}{8}$ " GYPSUM BOARD
PLASTER BASE

09215 $3\frac{5}{8}$ " METAL
STUDS 16" OC

09215 METAL RUNNER
CHANNEL (SECURED TO FLOOR)

09215 ACOUSTICAL SEALANT
(CONT BOTH SIDES)

UNDERSIDE OF DECK
 $\frac{3}{4}$ " STRUCTURAL DEFLECTION
ALLOWANCE

09215 METAL STRAP
BRIDGING (CONT)

NOTE:
WHERE CEILING OCCURS -
OMIT VENEER PLASTER
FINISH IN CEILING SPACE

09215 SOUND ATTENUATION
INSULATION TO DECK ABOVE

$4\frac{7}{8}$ " (5" NOM)

BASE AS SCHEDULED



PARTITION

1 HR RATED-UL DES U419

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH09.CEL

Cell Name

09121

Date

1-24-02

Department

Architecture

Detail No.

09-121

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Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT AND RATING - INDICATE
PARTITION TYPE ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3" AC INSULATION = 50-54

07842 HEAD OF WALL
FIRE RESISTIVE
JOINT SYSTEM

3/4" STRUCTURAL
DEFLECTION ALLOWANCE

09215 7/8" METAL
FURRING CHANNEL
(CONT)

NOTE:
WHERE CEILING OCCURS -
OMIT VENEER PLASTER
FINISH IN CEILING SPACE

CEILING AS SCHEDULED

09215 VENEER PLASTER
ON 5/8" GYPSUM BOARD
PLASTER BASE

09215 1 5/8" METAL
STUDS 16" OC

09215 METAL RUNNER
CHANNEL (SECURED TO FLOOR)

09215 ACOUSTICAL SEALANT
(CONT BOTH SIDES)

CONSTRUCTION AT VOIDS
OF STEEL DECK ONLY

UNDERSIDE OF DECK

09215 DEEP LEG DEFLECTION
TRACK (2"-SECURED TO DECK)

DO NOT SECURE STUDS
OR GYPSUM BOARD TO
DEFLECTION TRACK

09215 5/8" GYPSUM BOARD
BASE W/O VENEER PLASTER
(CROSS BRACES @ 3RD
POINTS VERTICALLY)

09215 SOUND ATTENUATION
INSULATION TO DECK ABOVE

BASE AS SCHEDULED



CHASE WALL PARTITION

1 HR RATED-UL DES U420

NO SCALE

(REFER TO FLOOR PLANS)

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

09122

Date

1-24-02

Department

Architecture

Detail No.

09-122

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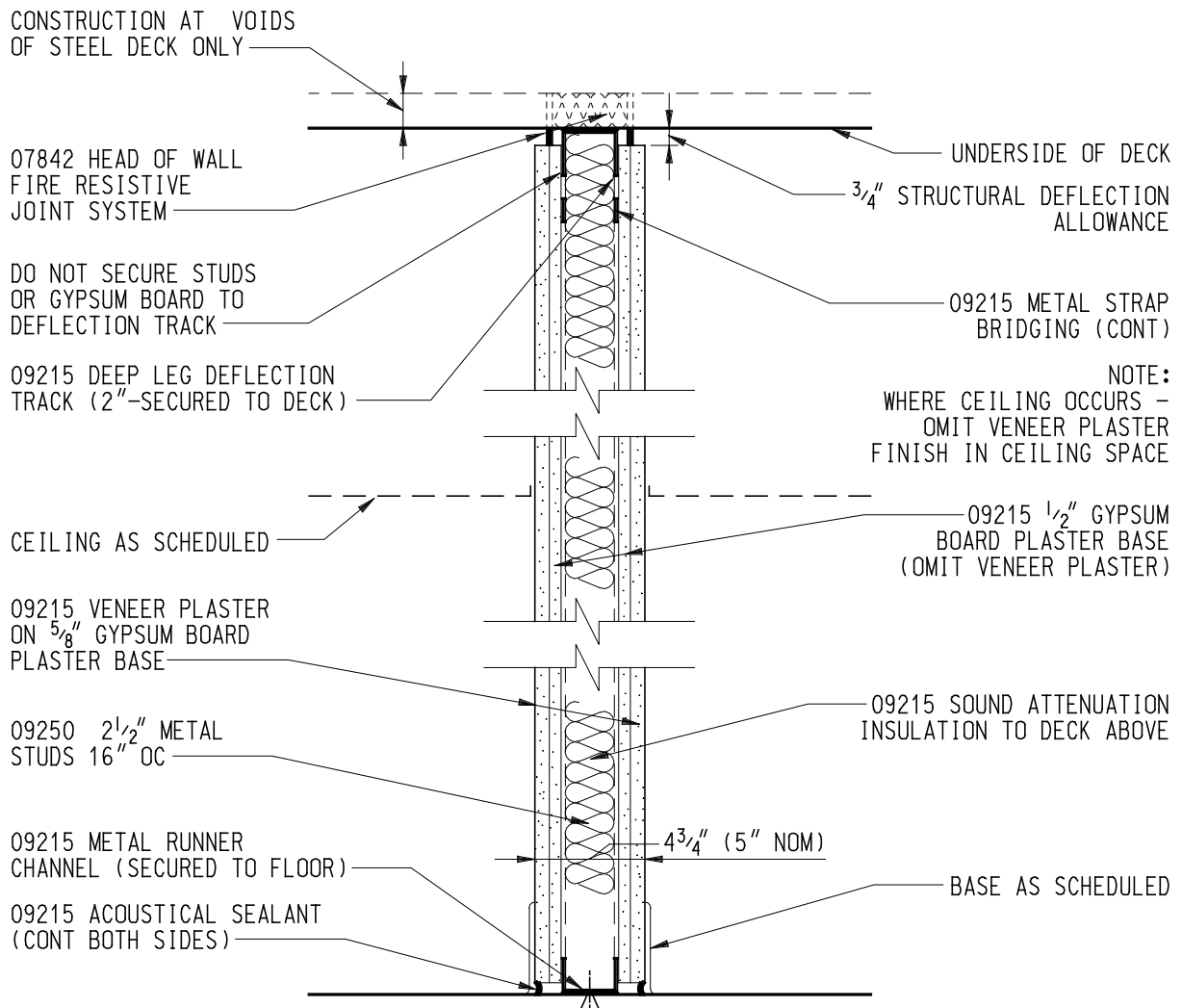


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Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT AND RATING - INDICATE
PARTITION TYPE ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3" AC INSULATION = 55 TO 59



PARTITION

2 HR RATED-UL DES U412

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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09141

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1-24-02

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09-141

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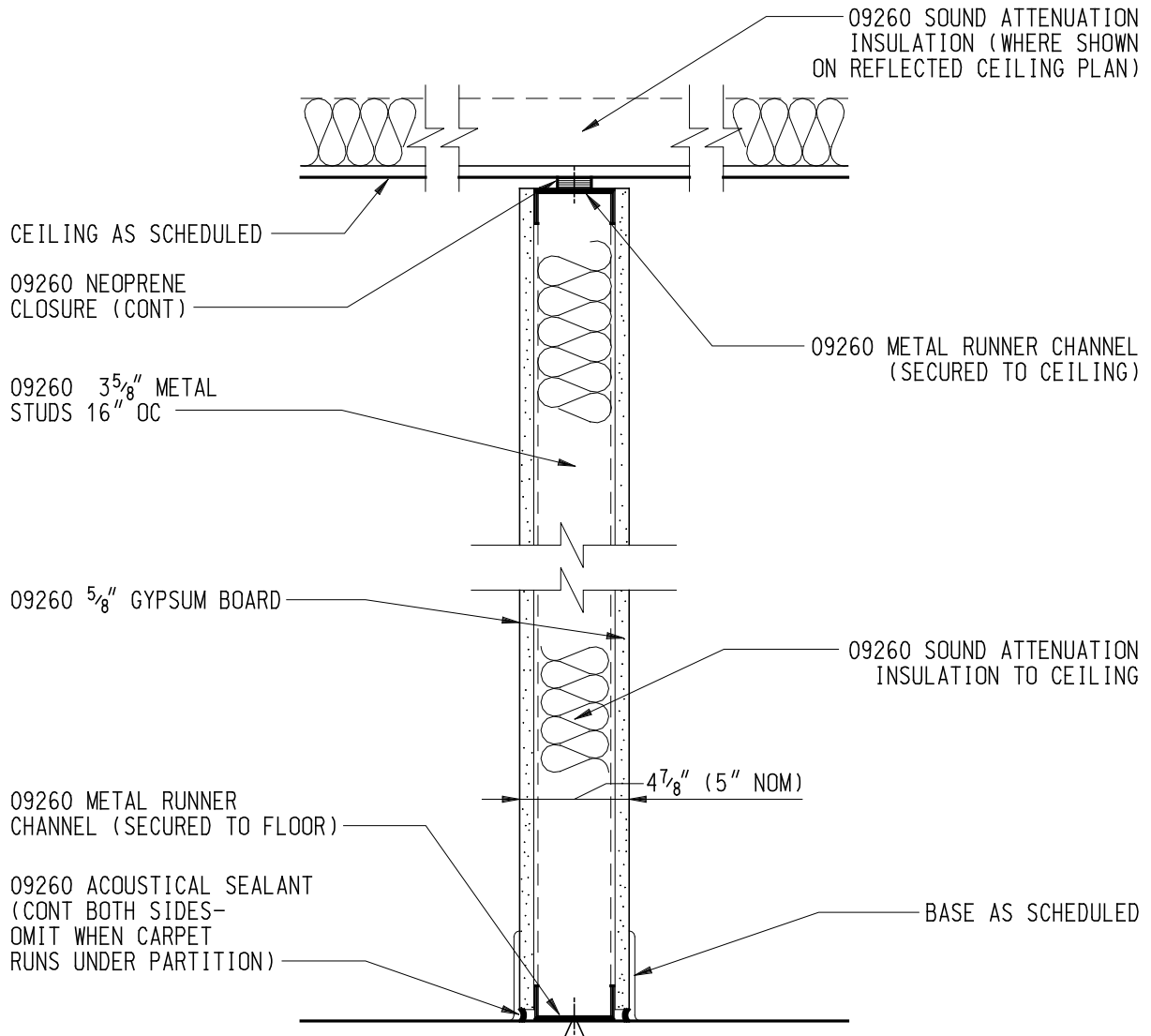
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Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3"AC INSULATION = 50±



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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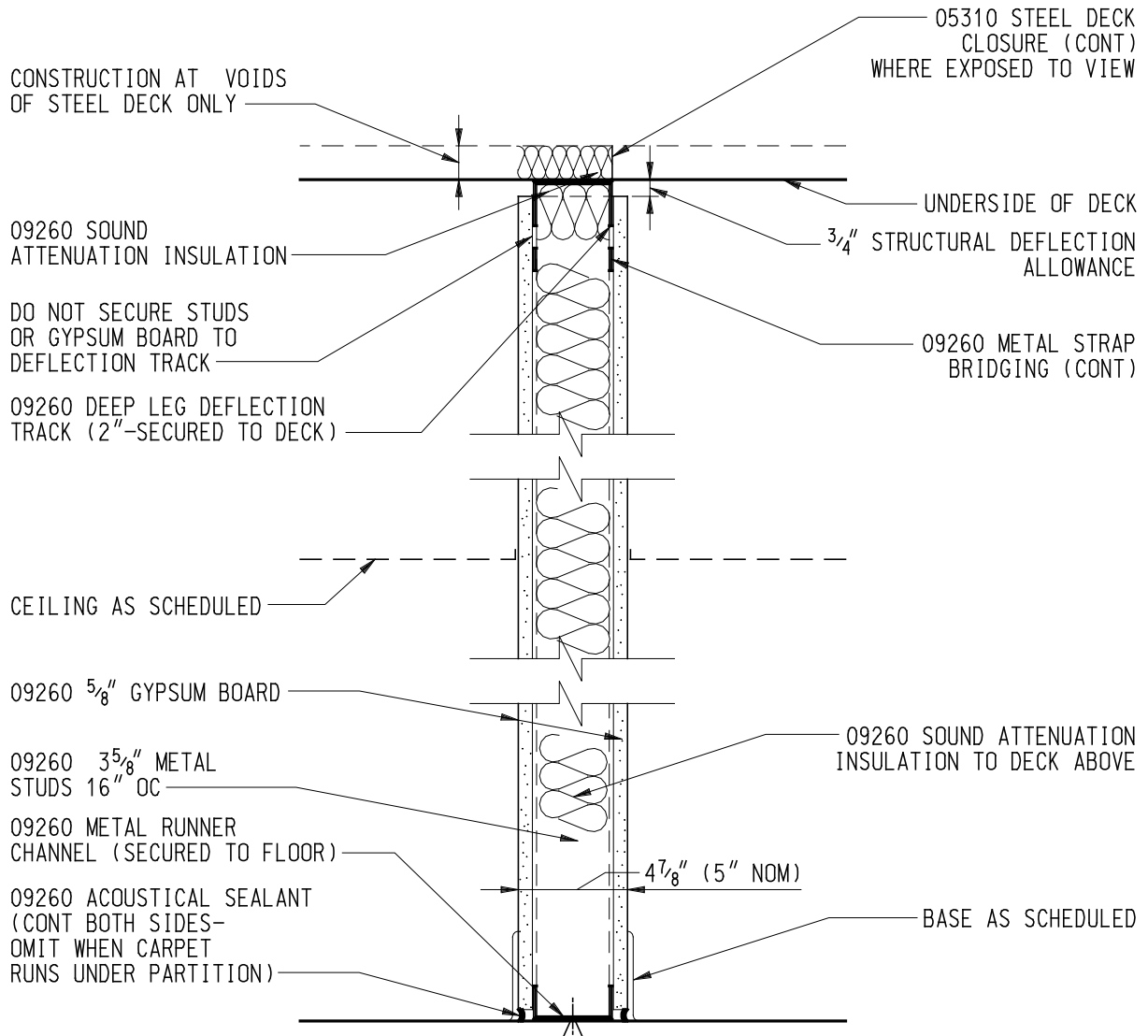
Standard Detail

Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION

STC RATING W/3"AC INSULATION = 52±



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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09202

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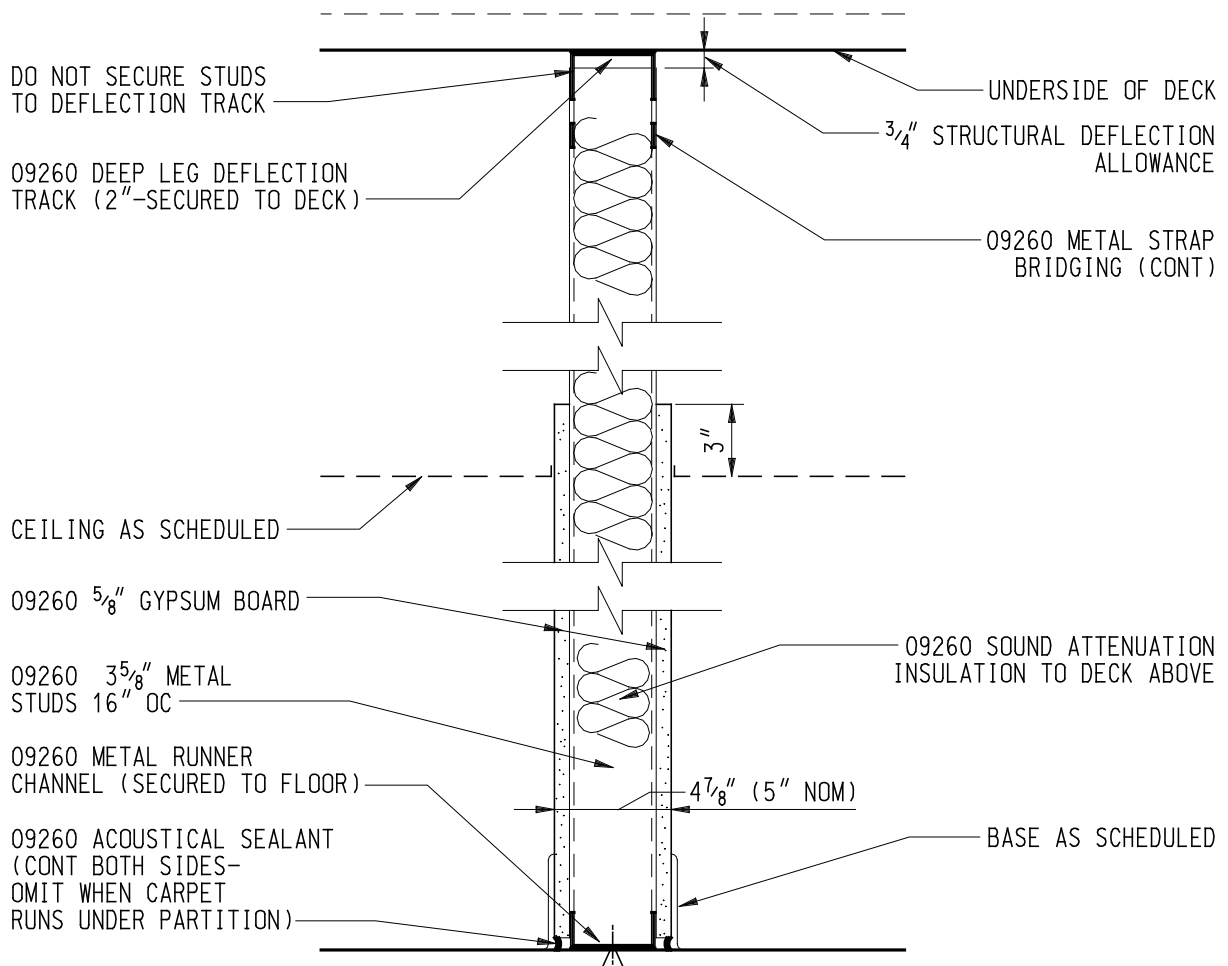
Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION

STC RATING W/3"AC INSULATION = 50±

DRAW AND NOMENCLATE ADDITIONAL CLOSURES AND SEALS
ABOVE CEILING AS APPLICABLE



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

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\$ DATE AND TIME \$

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09203

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Detail No.

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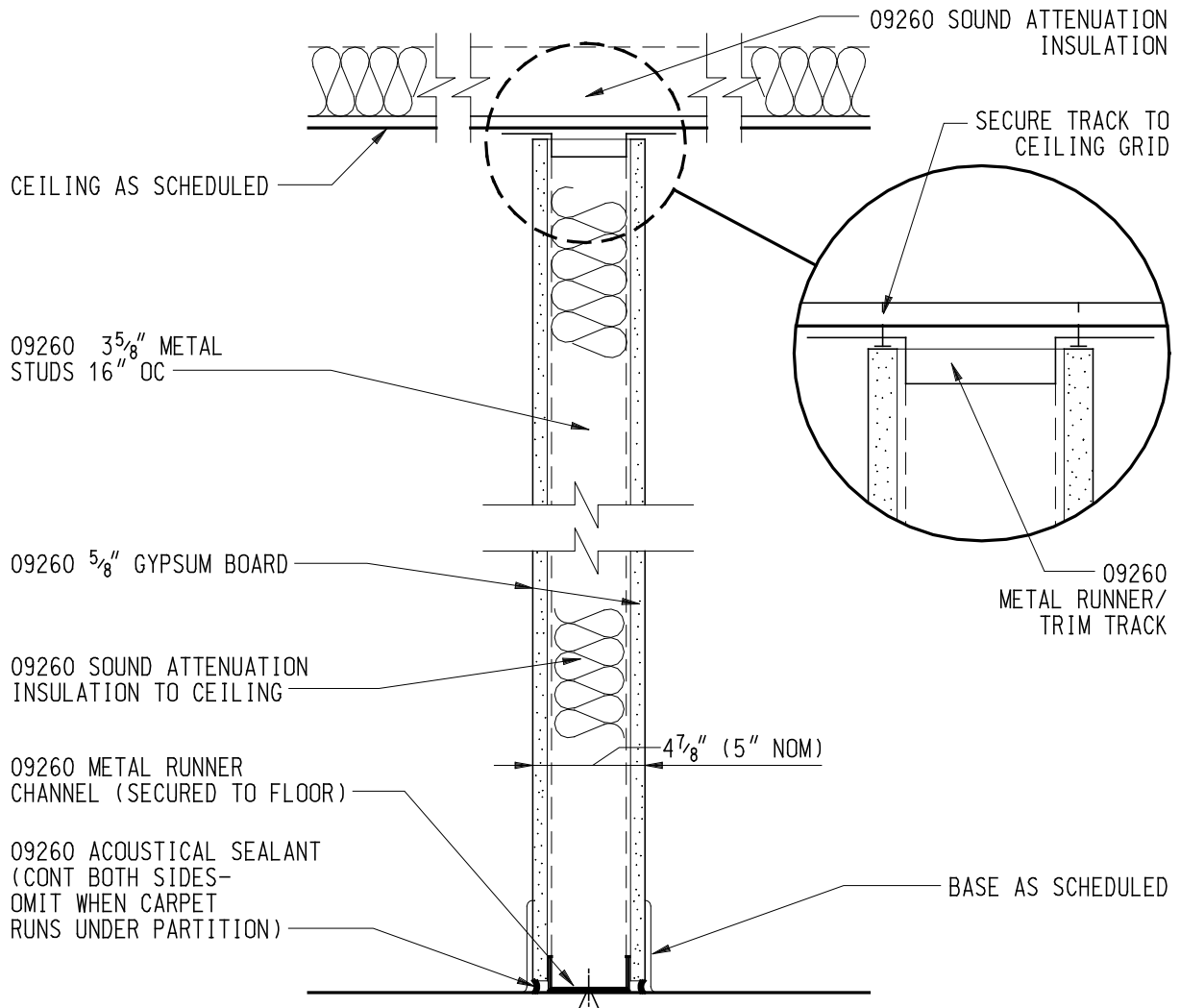


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Standard Detail

Notes / Instructions

INCORPORATES CHICAGO METALLIC CORP. "ELIMINATOR TRACK"
TO GIVE THE APPEARANCE OF A SUSPENDED CEILING EDGE
TRIM WHEN PARTITION TERMINATES AT CEILING
USE ONLY AT SQUARE EDGE CEILING PANELS
COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3"AC INSULATION = 50±



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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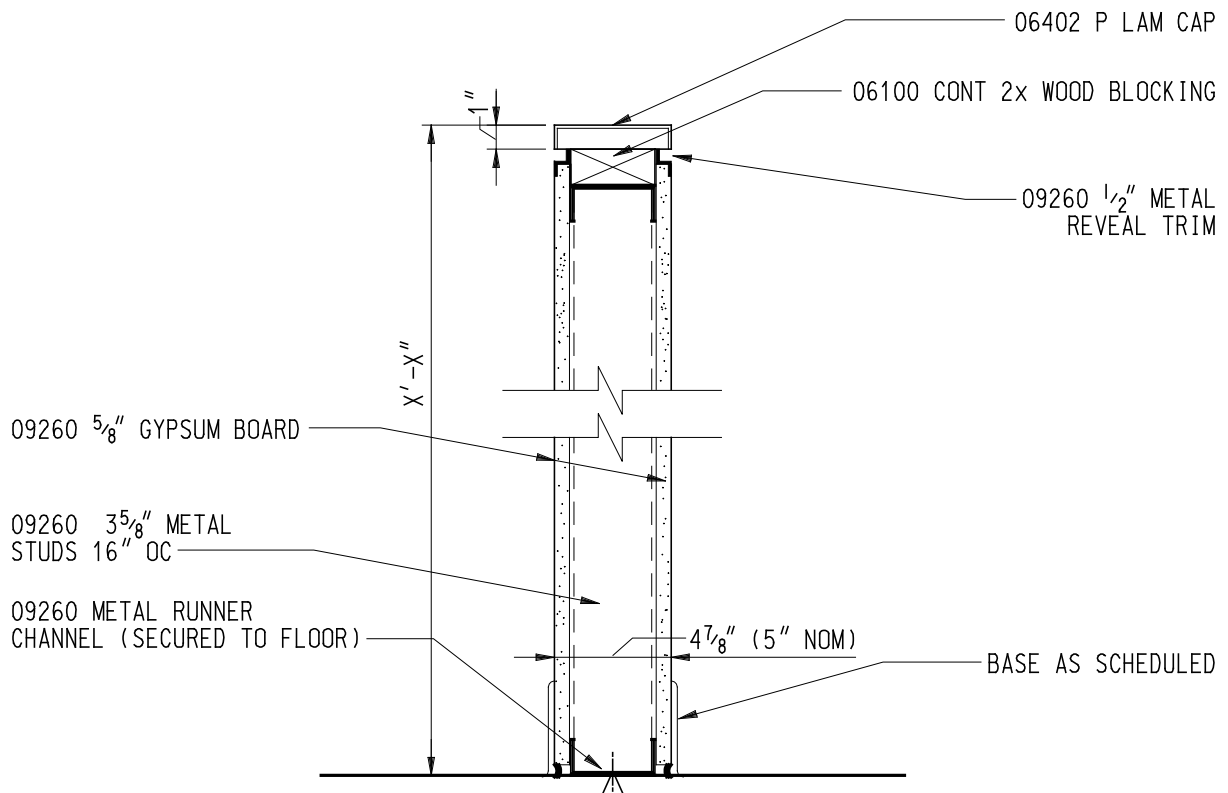
Notes / Instructions

FILL IN DIMENSION FOR WALL HEIGHT

COORDINATE P LAM COLOR CODE

UNBRACED WALL LENGTHS SHOULD NOT EXCEED $\pm 8'-0"$

Standard Detail



PARTITION

DWARF WALL

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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09207

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1-24-02

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09-207

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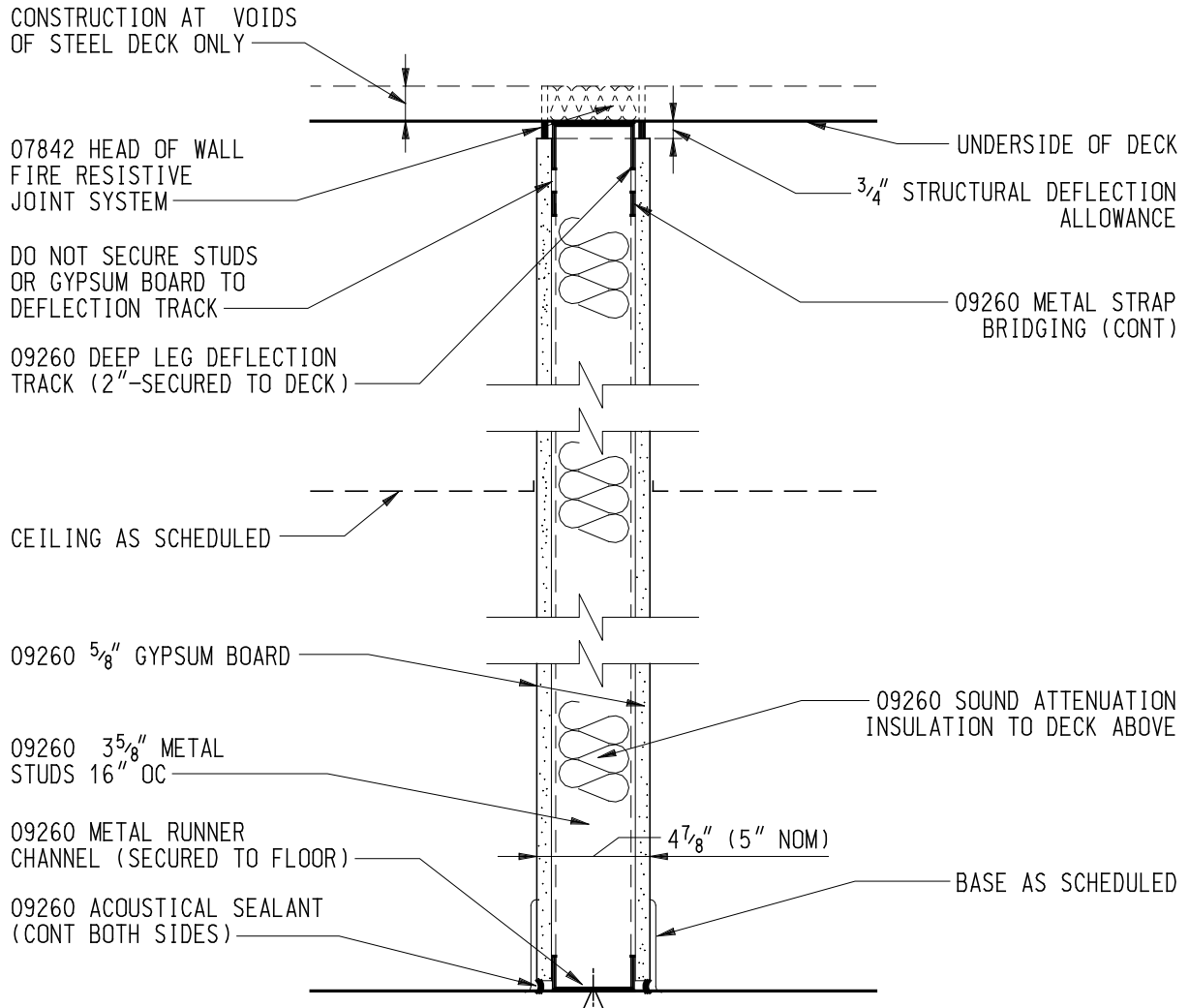


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Standard Detail

Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT AND RATING - INDICATE
PARTITION TYPE ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3" AC INSULATION = 52±



PARTITION

1 HR RATED-UL DES U419 OR U465

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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09221

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1-24-02

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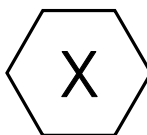
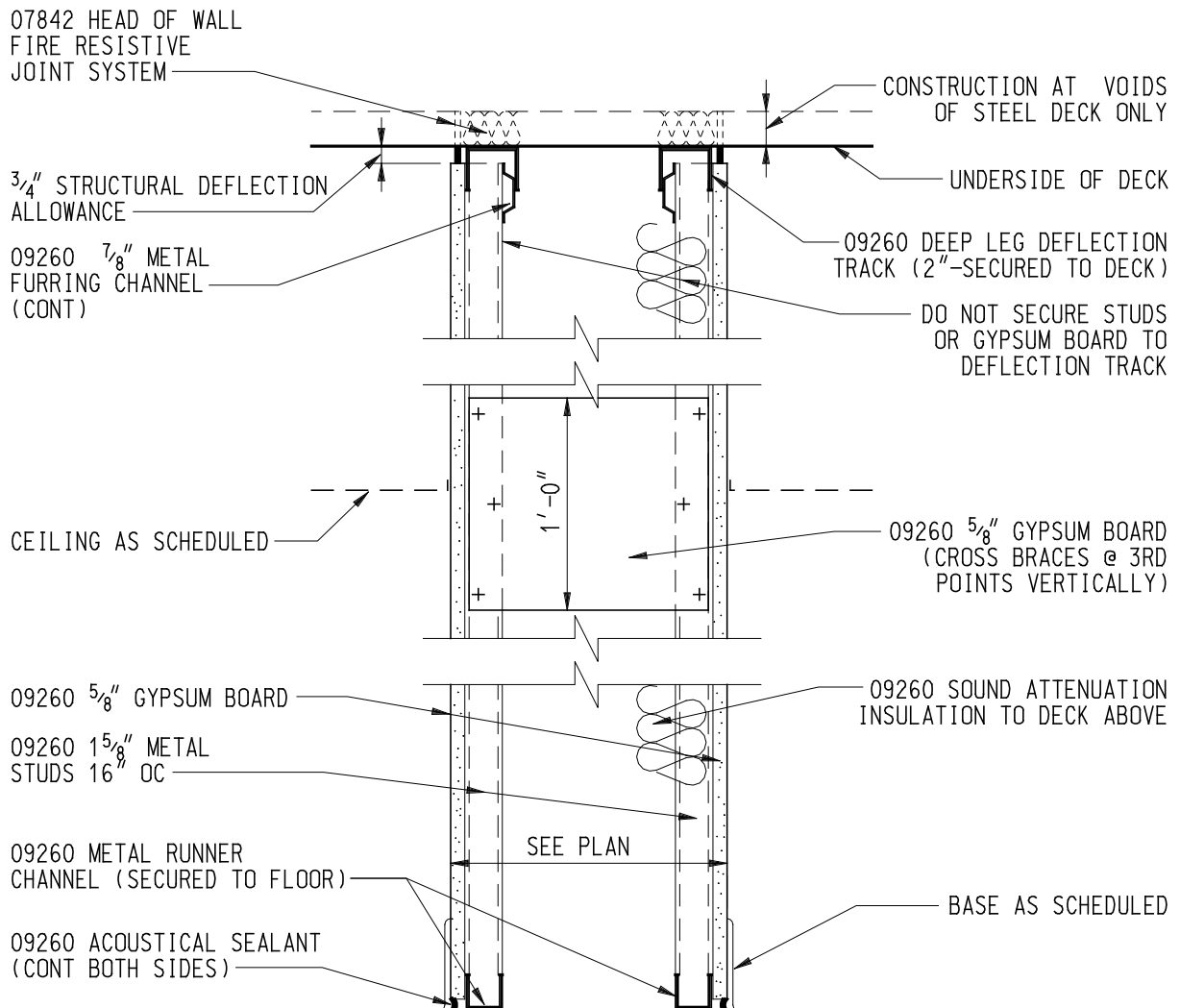


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Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT AND RATING - INDICATE
PARTITION TYPE ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3" AC INSULATION = 50-54



CHASE WALL PARTITION

1 HR RATED-UL DES U420

NO SCALE

(REFER TO FLOOR PLANS)

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\$ DATE AND TIME \$

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ARCH09.CEL

Cell Name

09-222

Date

1-24-02

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Detail No.

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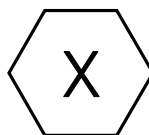
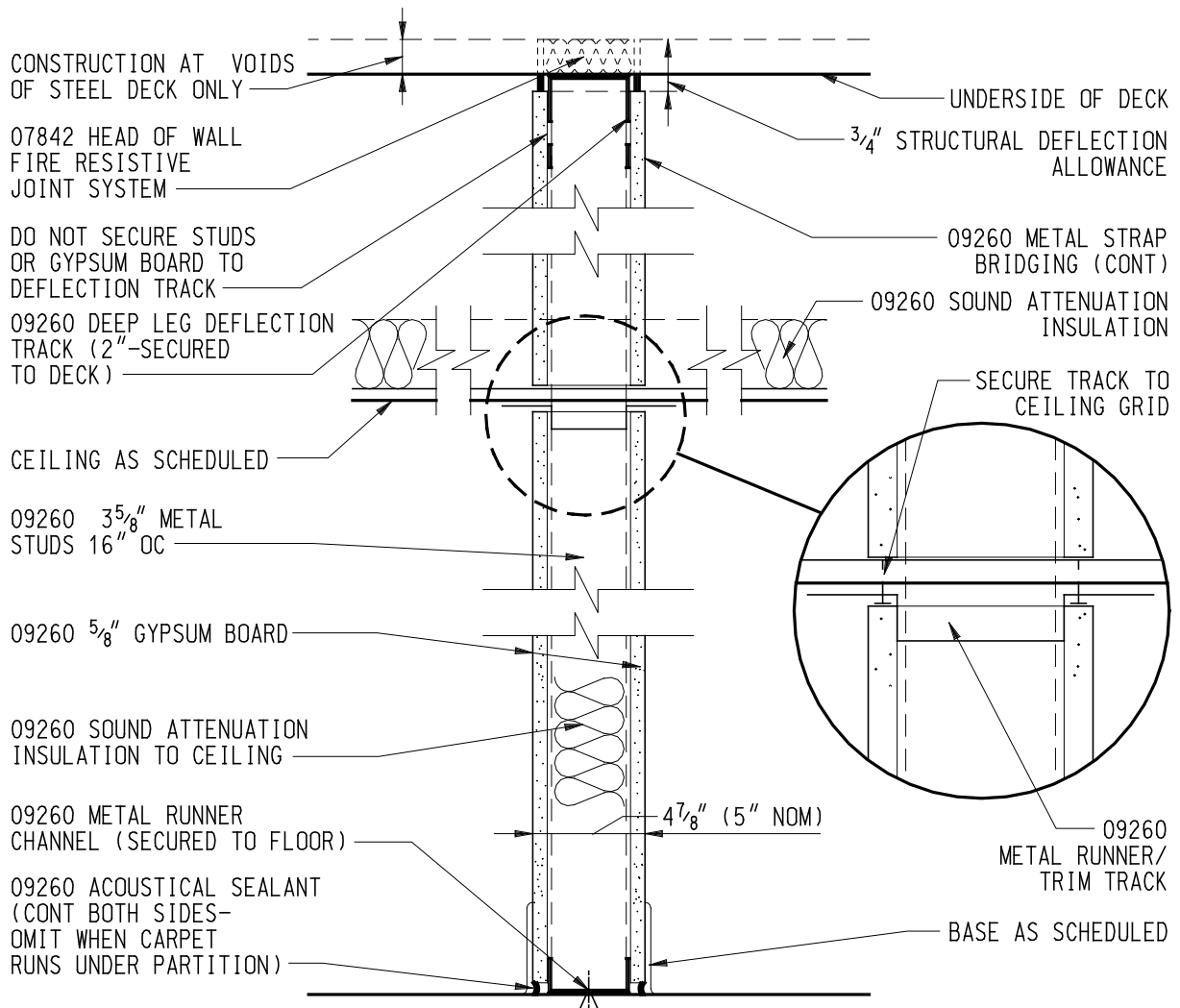


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Notes / Instructions

INCORPORATES CHICAGO METALLIC CORP. "ELIMINATOR TRACK"
TO GIVE THE APPEARANCE OF A SUSPENDED CEILING EDGE
TRIM WHEN PARTITION TERMINATES AT CEILING
USE ONLY AT SQUARE EDGE CEILING PANELS
COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT - INDICATE PARTITION TYPE
ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3"AC INSULATION = 50±



PARTITION

1 HR RATED SWRI 01-2602-620

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Date

1-24-02

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09-223

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Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT AND RATING - INDICATE
PARTITION TYPE ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING W/3" AC INSULATION = 55 TO 59

CONSTRUCTION AT VOIDS
OF STEEL DECK ONLY

07842 HEAD OF WALL
FIRE RESISTIVE
JOINT SYSTEM

DO NOT SECURE STUDS
OR GYPSUM BOARD TO
DEFLECTION TRACK

09260 DEEP LEG DEFLECTION
TRACK (2"-SECURED TO DECK)

CEILING AS SCHEDULED

09260 5/8" GYPSUM BOARD

09260 2 1/2" METAL
STUDS 16" OC

09260 METAL RUNNER
CHANNEL (SECURED TO FLOOR)

09260 ACOUSTICAL SEALANT
(CONT BOTH SIDES)

UNDERSIDE OF DECK
3/4" STRUCTURAL DEFLECTION
ALLOWANCE

09260 METAL STRAP
BRIDGING (CONT)

09260 1/2"
GYPSUM BOARD

09260 SOUND ATTENUATION
INSULATION TO DECK ABOVE

4 3/4" (5" NOM)

BASE AS SCHEDULED



PARTITION

2 HR RATED-UL DES U412

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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ARCH09.CEL

Cell Name

09241

Date

1-24-02

Department

Architecture

Detail No.

09-241

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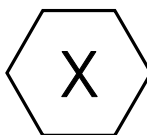
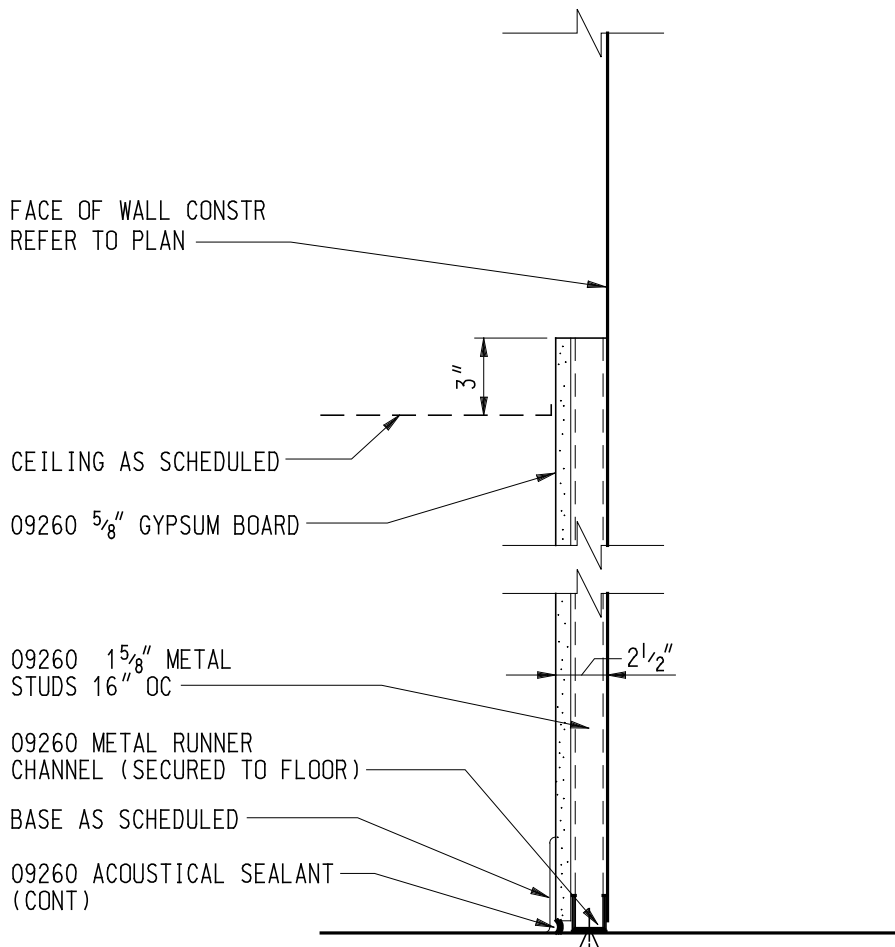


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Notes / Instructions

USE FOR FURRED GYPSUM BOARD WALLS
INDICATE PARTITION TYPE ON FLOOR PLANS

Standard Detail



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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ARCH09.CEL

Cell Name

09261

Date

1-24-02

Department

Architecture

Detail No.

09-261

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Standard Detail

Notes / Instructions

NON LOAD BEARING SHAFTWALL

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO

DEFINE PARTITION HEIGHT - INDICATE PARTITION

TYPE ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR

PARTITIONS W/O SOUND ATTENUATION INSULATION

STC RATING = N/A

CONSTRUCTION AT VOIDS
OF STEEL DECK ONLY

DO NOT SECURE STUDS
OR GYPSUM BOARD TO
J RUNNER

09265 METAL J RUNNER
(SECURED TO DECK)

09265 1" GYPSUM CORE BOARD

09265 2 1/2" C-H
STUDS (24" OC)

09265 METAL J RUNNER
(SECURED TO FLOOR)

09265 SOUND
ATTENUATION INSULATION

UNDERSIDE OF DECK

3/4" STRUCTURAL DEFLECTION
ALLOWANCE

09265 5/8" GYPSUM
BOARD

CEILING AS SCHEDULED

09265 SOUND ATTENUATION
INSULATION TO DECK ABOVE

BASE AS SCHEDULED

09265 ACOUSTICAL SEALANT



PARTITION

NON-RATED

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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ARCH09.CEL

Cell Name

09301

Date

1-26-02

Department

Architecture

Detail No.

09-301

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Notes / Instructions

NON LOAD BEARING SHAFTWALL

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO

DEFINE PARTITION HEIGHT AND RATING - INDICATE

PARTITION TYPE ON FLOOR PLANS

REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR

PARTITIONS W/O SOUND ATTENUATION INSULATION

STC RATING = N/A

CONSTRUCTION AT VOIDS
OF STEEL DECK ONLY

DO NOT SECURE STUDS
OR GYPSUM BOARD TO
J RUNNER

09265 METAL J RUNNER
(SECURED TO DECK)

09265 1" GYPSUM CORE BOARD

09265 2 1/2" C-H
STUDS (24" OC)

09265 METAL J RUNNER
(SECURED TO FLOOR)

UNDERSIDE OF DECK

3/4" STRUCTURAL DEFLECTION
ALLOWANCE

07842 HEAD OF WALL
FIRE RESISTIVE
JOINT SYSTEM

09265 5/8" GYPSUM
BOARD

CEILING AS SCHEDULED

09265 SOUND ATTENUATION
INSULATION TO DECK ABOVE

3 1/8"

BASE AS SCHEDULED

09265 ACOUSTICAL SEALANT



PARTITION

1 HR RATED-UL DES U469

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

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Cell Name

09321

Date

1-26-02

Department

Architecture

Detail No.

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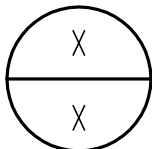
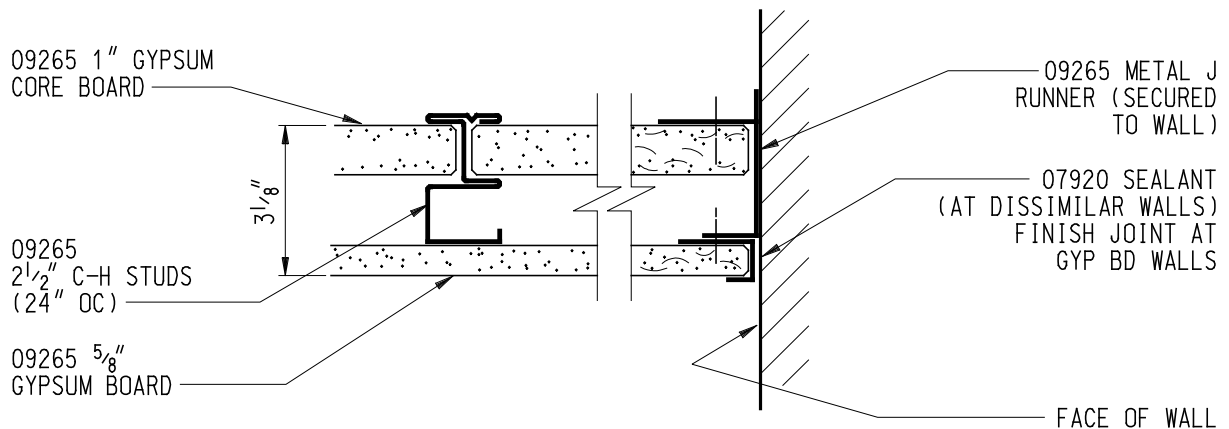


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Notes / Instructions

VERIFY SPAN AND LOADING LIMITATIONS W/INFO BELOW

Standard Detail



CEILING

1 HR RATED - CABO NER 258

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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09322

Date

11-11-01

Department

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Notes / Instructions

COORDINATE WITH LEGEND ON REFLECTED CEILING PLANS TO
DEFINE PARTITION HEIGHT AND RATING - INDICATE
PARTITION TYPE ON FLOOR PLANS
REVISE DETAIL OR ADD PARTITION SUB-TYPE FOR
PARTITIONS W/O SOUND ATTENUATION INSULATION
STC RATING = 39±, W/1" SOUND ATTENUATION
INSULATION = 47±

CONSTRUCTION AT VOIDS
OF STEEL DECK ONLY

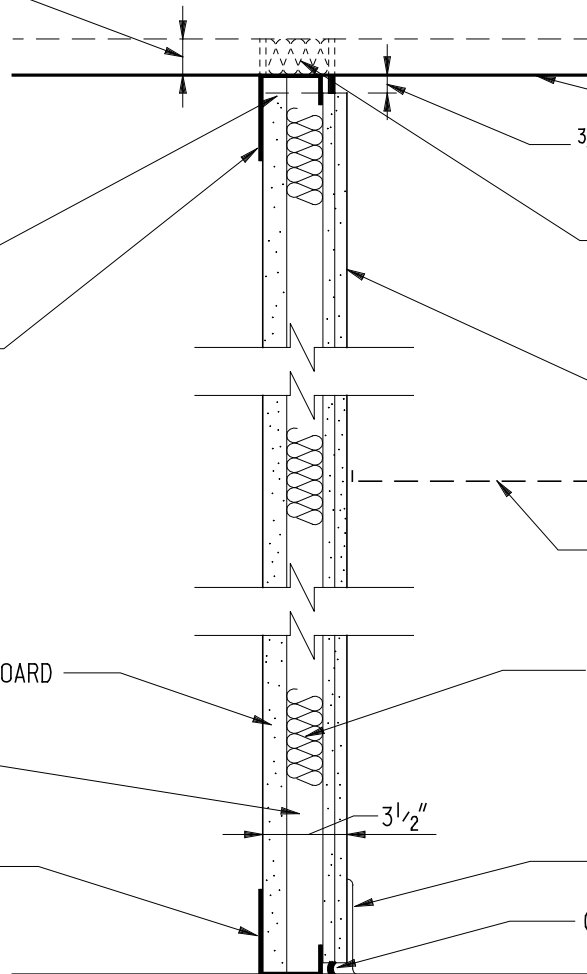
DO NOT SECURE STUDS
OR GYPSUM BOARD TO
J RUNNER

09265 METAL J RUNNER
(SECURED TO DECK)

09265 1" GYPSUM CORE BOARD

09265 2 1/2" C-H
STUDS (24" OC)

09265 METAL J RUNNER
(SECURED TO FLOOR)



UNDERSIDE OF DECK
3/4" STRUCTURAL DEFLECTION
ALLOWANCE

07842 HEAD OF WALL
FIRE RESISTIVE
JOINT SYSTEM

09265 1/2" GYPSUM
BOARD (2 LAYERS)

CEILING AS SCHEDULED

09265 SOUND ATTENUATION
INSULATION TO DECK ABOVE

3 1/2"

BASE AS SCHEDULED

09265 ACOUSTICAL SEALANT



PARTITION

2 HR RATED-UL DES U438

(REFER TO FLOOR PLANS)

NO SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

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Cell Name

09341

Date

1-26-02

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Detail No.

09-341

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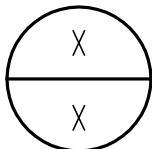
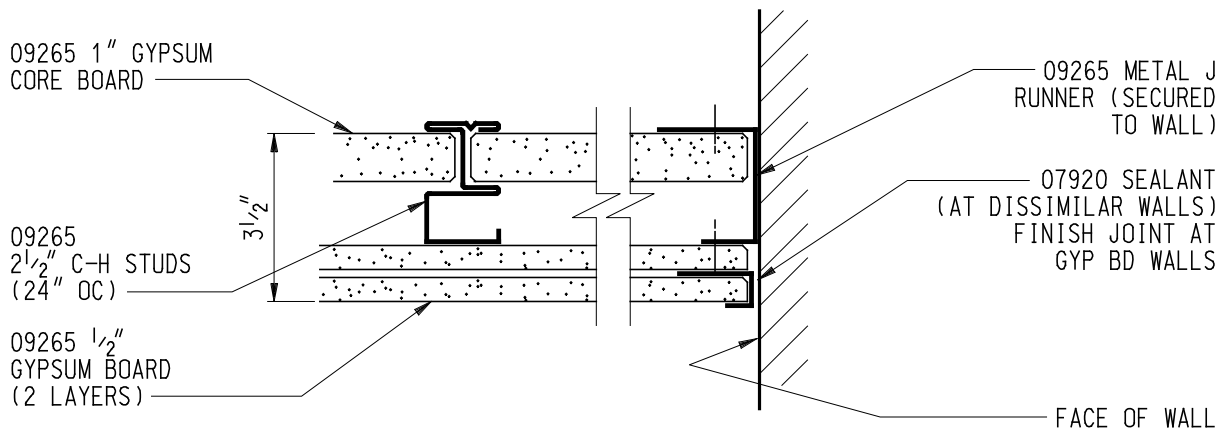


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Notes / Instructions

VERIFY SPAN AND LOADING LIMITATIONS W/INFO BELOW

Standard Detail



CEILING

2 HR RATED - CABO NER 258

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

09342

Date

11-11-01

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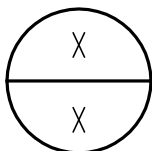
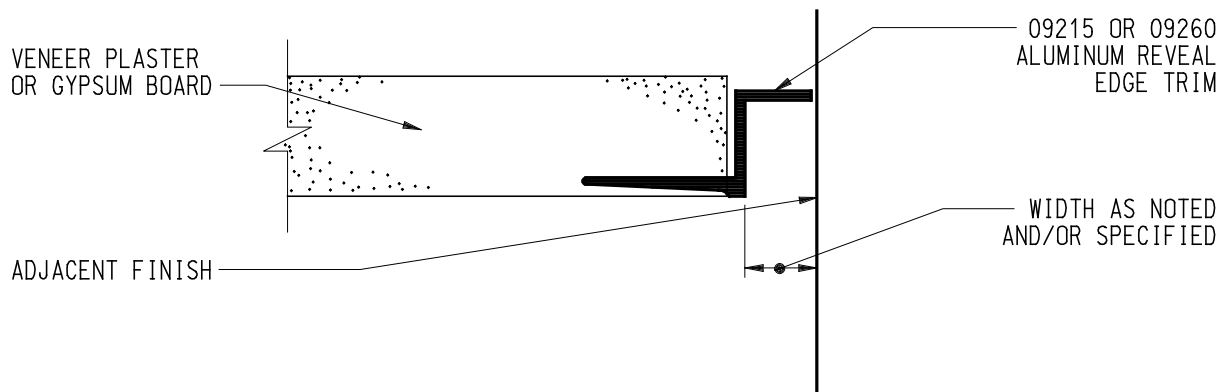


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Standard Detail

Notes / Instructions

USE TYPICALLY WHEN ADJACENT FINISH IS DIFFERENT THAN
CEILING, WALL, FASCIA, AND/OR, SOFFIT
NOTE WIDTH OF EDGE TRIM REVEAL WHERE DETAIL IS CUT
AND/OR IN SPECIFICATION



GYPSUM BOARD EDGE TRIM

FULL SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

09401

Date

5-5-00

Department

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Detail No.

09-401

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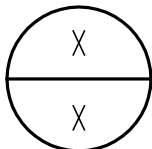
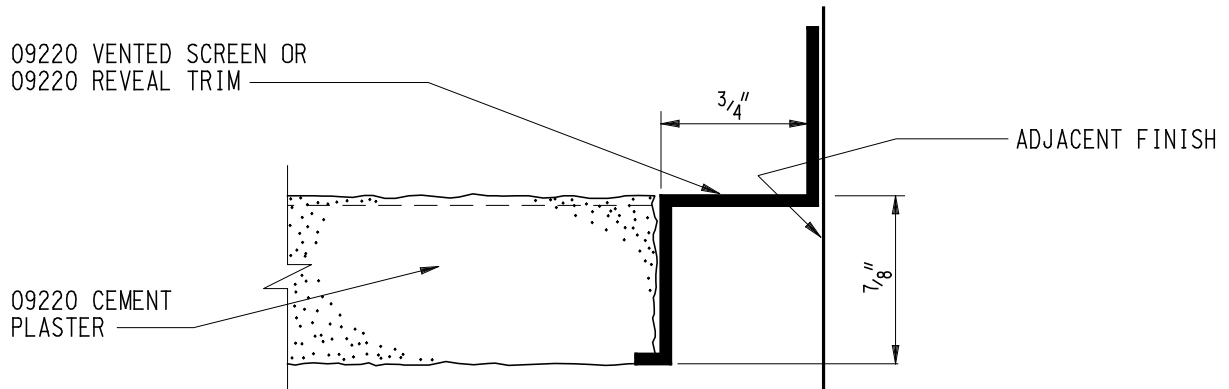


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Notes / Instructions

USE TYPICALLY WHEN ADJACENT FINISH IS DIFFERENT THAN
CEILING, WALL, FASCIA, AND/OR, SOFFIT
DESCRIBE BY DETAIL CUT AND MATERIAL KEYNOTE ON WALL
SECTIONS, EXTERIOR ELEVATIONS, OR SOFFIT PLANS
(FRY REGLET #1315)



CEMENT PLASTER EDGE TRIM

FULL SCALE

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

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ARCH09.CEL

Cell Name

09402

Date

5-5-00

Department

Architecture

Detail No.

09-402

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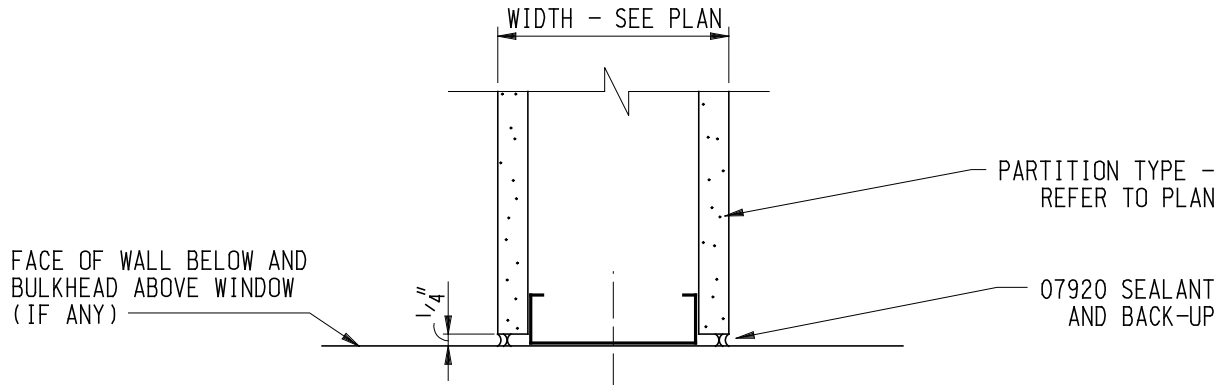
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Notes / Instructions

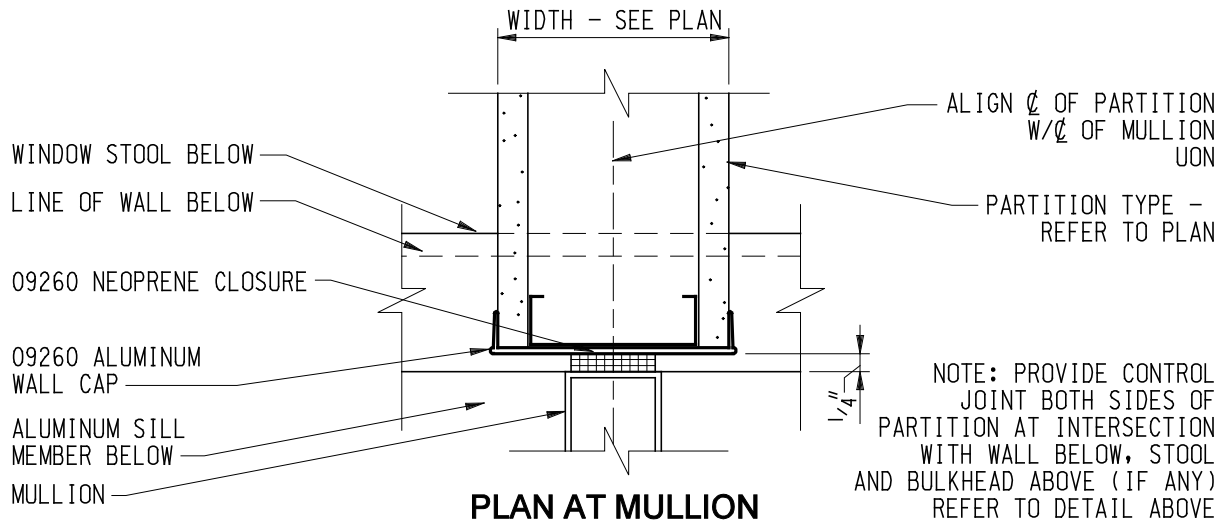
USE WHERE METAL STUD AND GYP BOARD PARTITION ABUTS
STOREFRONT OR CURTAINWALL MULLION

ALUMINUM WALL CAP: "PITCON INDUSTRIES" NO. SWC-358-8
(FOR 3⁵/₈" METAL STUD & 5⁵/₈" GYPSUM BOARD - OTHER SIZES
AVAILABLE)

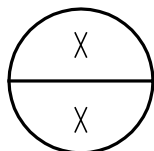
Standard Detail



PLAN AT WALL AND BULKHEAD



PLAN AT MULLION



PARTITION AT MULLION

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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ARCH09.CEL

Cell Name

09404

Date

5-5-00

Department

Architecture

Detail No.

09-404

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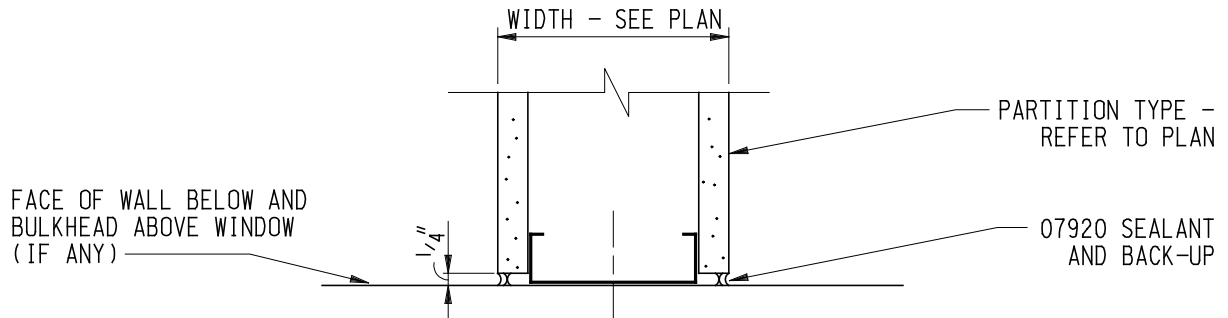
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Notes / Instructions

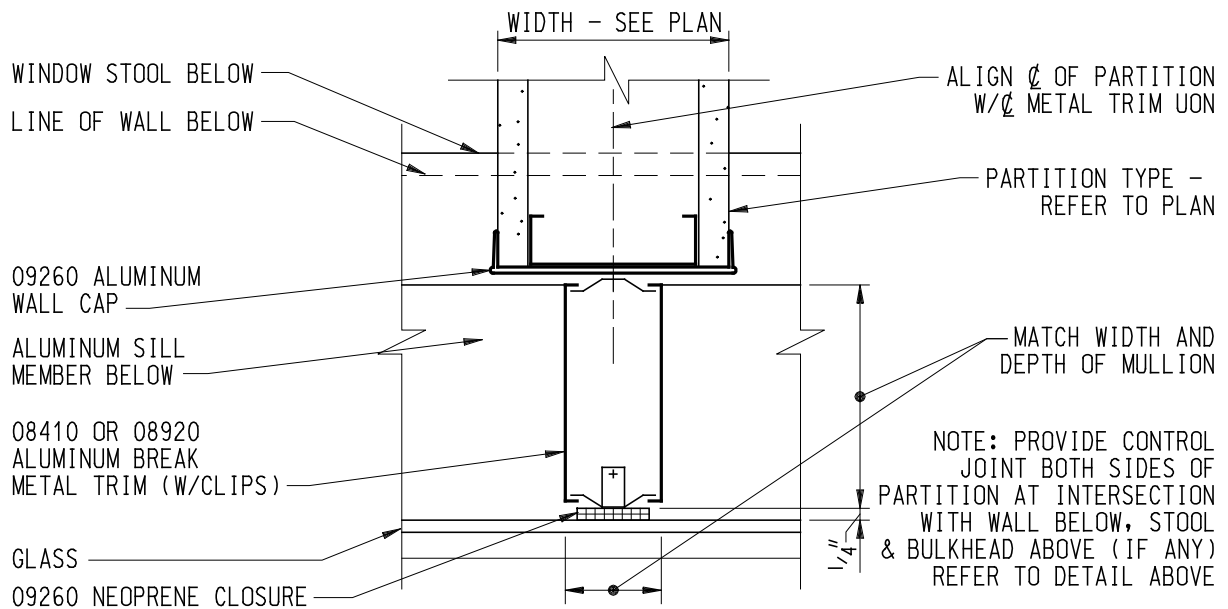
USE WHERE METAL STUD AND GYP BOARD PARTITION ABUTS
STOREFRONT OR CURTAINWALL MULLION

ALUMINUM WALL CAP: "PITCON INDUSTRIES" NO. SWC-358-8
(FOR 3⁵/₈" METAL STUD & 5⁵/₈" GYPSUM BOARD - OTHER SIZES
AVAILABLE)

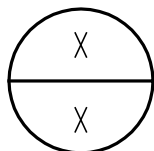
Standard Detail



PLAN AT WALL AND BULKHEAD



PLAN AT GLASS



PARTITION AT GLASS

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

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Date

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Detail No.

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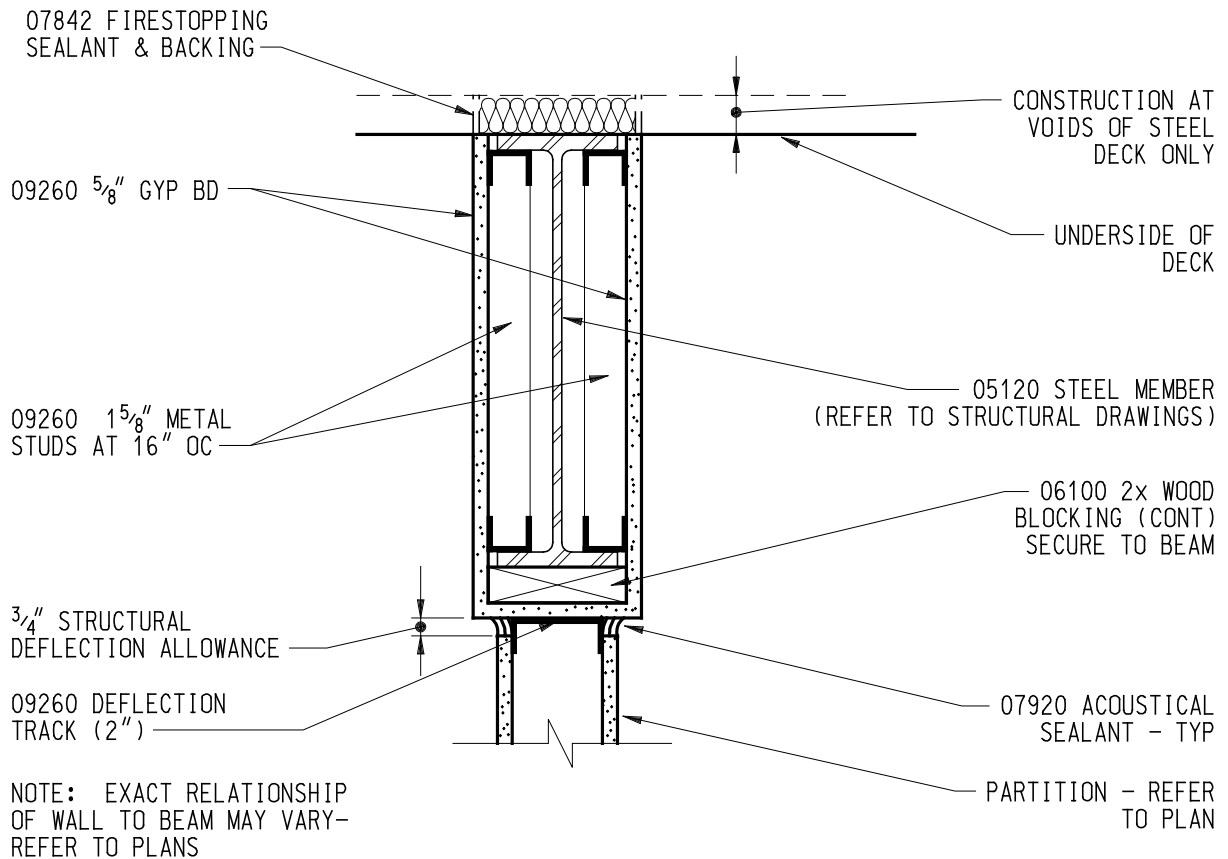


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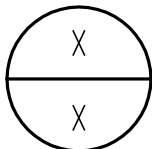
Notes / Instructions

VERIFY STRUCTURAL DEFLECTION ALLOWANCE W/ STRUCTURAL

Standard Detail



TYPICAL INTERIOR PARTITION TO STEEL BEAM ABOVE



1 1/2" = 1'-0"

1 HR FIRE RATED

***** DESIGN FILE NAME *****

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USE AT METAL STUD PARTITIONS

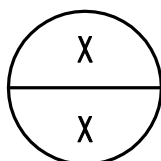
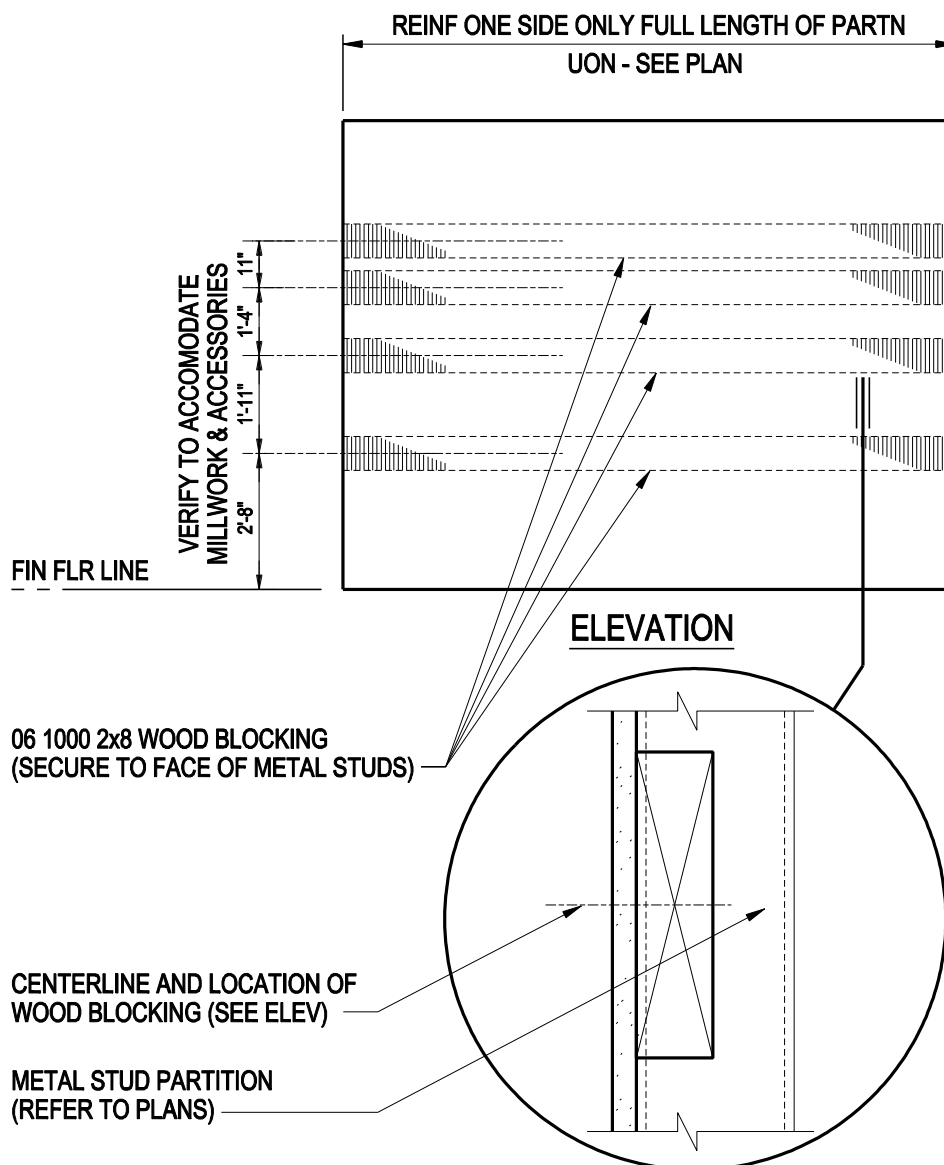
REFERENCE DETAIL NUMBER ON PLANS

NOTE REINF LENGHT ON PLAN ONLY IF LESS THAN FULL LENGTH

INDICATE ON PLAN WHICH SIDE(S) OF PARTN RECEIVES REINF

UNIVERSITY OF MICHIGAN HOSPITALS STANDARD

Standard Detail



TYP PARTITION REINFORCEMENT

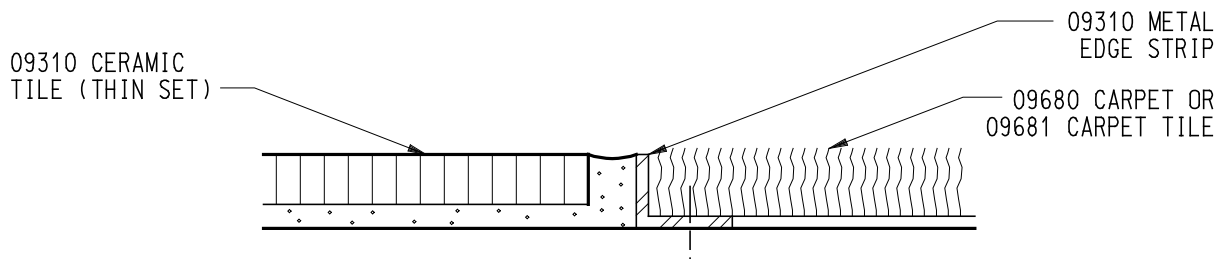
1/4" = 1'-0"



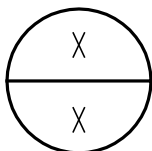
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Notes / Instructions

Standard Detail



CERAMIC TILE/CARPET
TRANSITION



FULL SIZE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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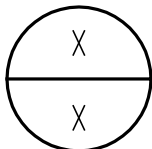
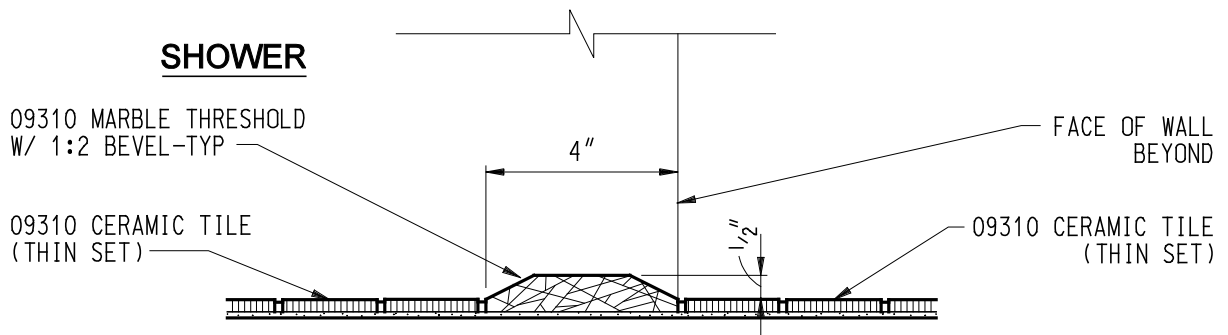
Notes / Instructions

MEETS B.F. REQUIREMENTS

COORDINATE THRESHOLD WIDTH WITH WALL CONDITION

- REVISE IF NECESSARY

Standard Detail



SHOWER SILL

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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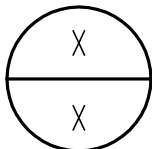
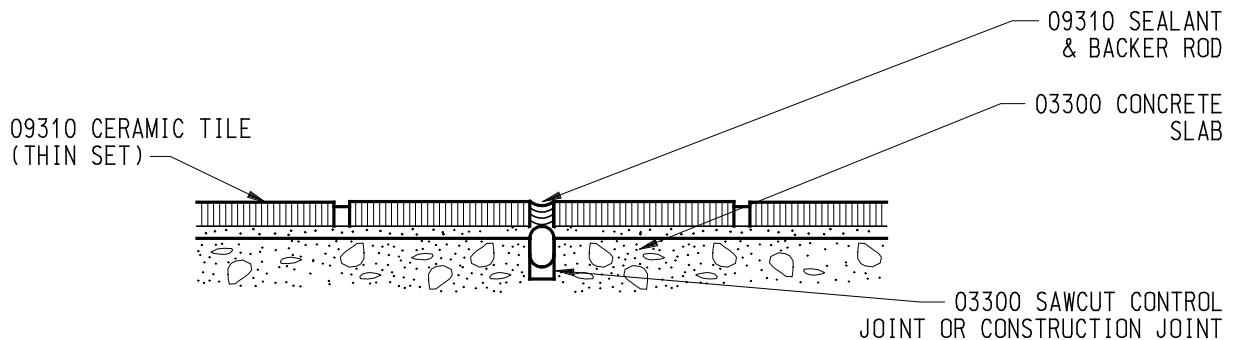


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Notes / Instructions

REFER TO TCA HANDBOOK FOR JOINT SPACING AND LOCATION
RECOMMENDATIONS

Standard Detail



CERAMIC TILE-CONTROL JT

HALF SIZE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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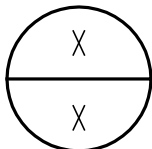
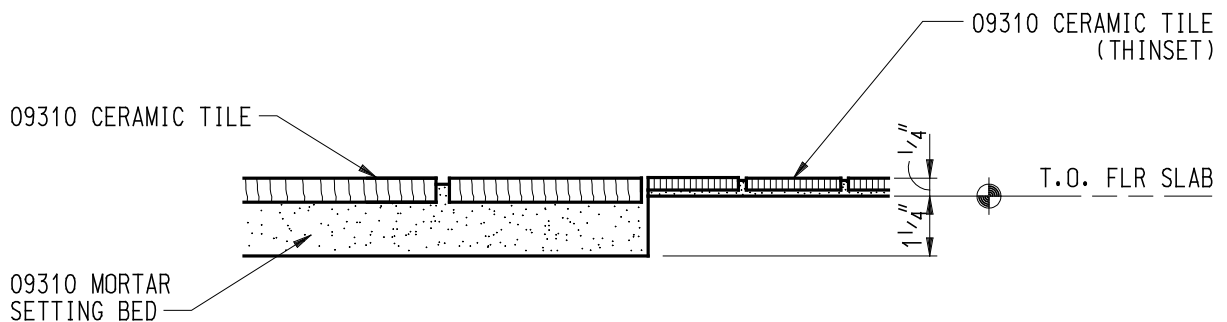
Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

Notes / Instructions

NOTE THAT THINSET CERAMIC TILE IS INSTALLED DIRECTLY
ON TOP OF SLAB W/O DEPRESSION, ESTABLISHING A FINISHED
FLOOR SURFACE $\frac{1}{4}"$ ABOVE TOP OF SLAB.

COORDINATE OTHER FLOOR TRANSITIONS ACCORDINGLY



CERAMIC TILE TRANSITION

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Date

5-5-00

Department

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Detail No.

09-454

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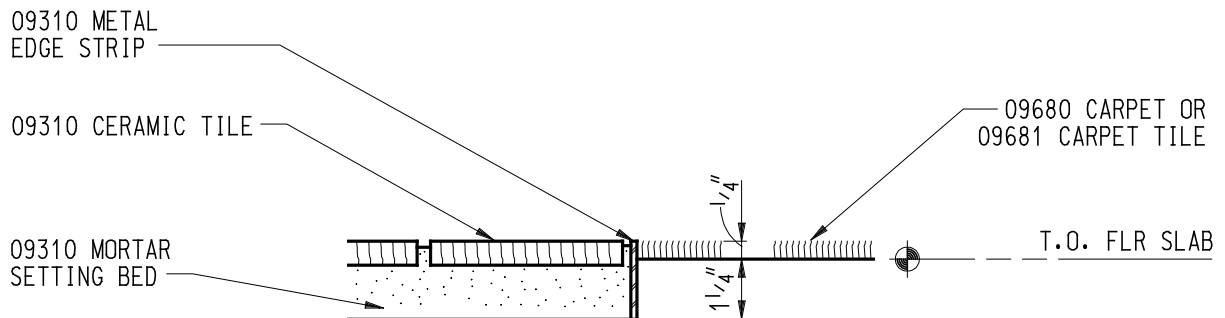


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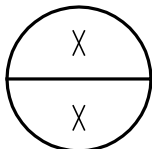
Standard Detail

Notes / Instructions

NOTE THAT TOP OF CERAMIC TILE IS $\frac{1}{4}"$ ABOVE
TOP OF SLAB TO BE LEVEL WITH CARPET AND TO CORRESPOND
TO THE CONDITION ESTABLISHED BY DETAIL 09.454
COORDINATE OTHER FLOOR TRANSITIONS ACCORDINGLY



CERAMIC TILE/CARPET TRANSITION



3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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ARCH09.CEL

Cell Name

09455

Date

5-5-00

Department

Architecture

Detail No.

09-455

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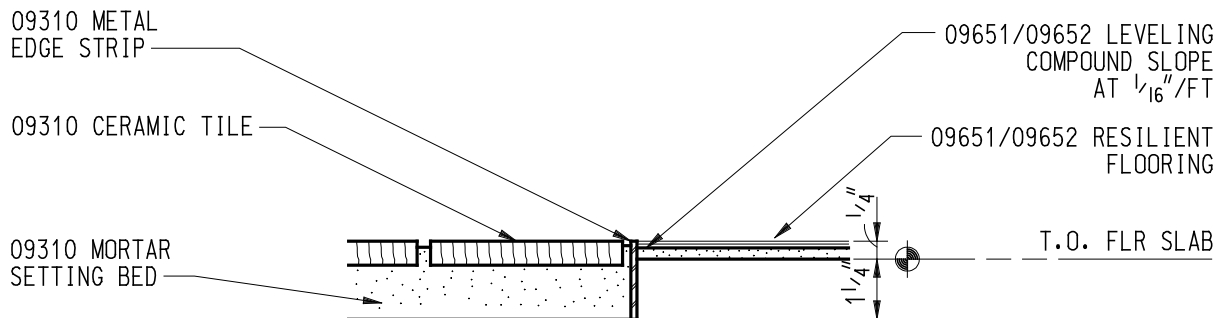


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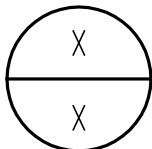
Standard Detail

Notes / Instructions

NOTE THAT TOP OF CERAMIC TILE IS $\frac{1}{4}"$ ABOVE
TOP OF CONC SLAB TO CORRESPOND TO THE CONDITION
ESTABLISHED BY DETAIL 09.454
COORDINATE OTHER FLOOR TRANSITIONS ACCORDINGLY



CERAMIC TILE/RESILIENT FLOORING TRANSITION



3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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ARCH09.CEL

Cell Name

09456

Date

5-5-00

Department

Architecture

Detail No.

09-456

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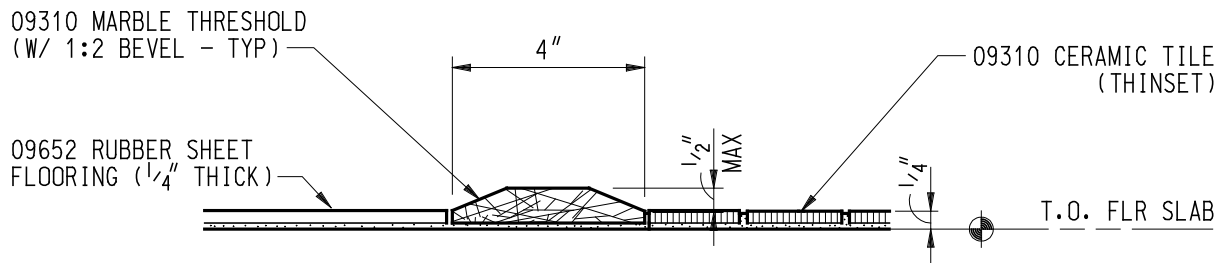
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Architecture, Engineering, Interiors & Technology

Notes / Instructions

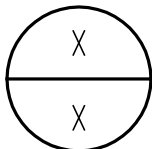
NOTE THAT THINSET CERAMIC TILE IS INSTALLED DIRECTLY
ON TOP OF SLAB W/O DEPRESSION, ESTABLISHING A FINISHED
FLOOR SURFACE $\frac{1}{4}"$ ABOVE TOP OF SLAB.

COORDINATE OTHER FLOOR TRANSITIONS ACCORDINGLY

Standard Detail



FLOOR TRANSITION W/THRESHOLD



3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

09457

Date

5-5-00

Department

Architecture

Detail No.

09-457

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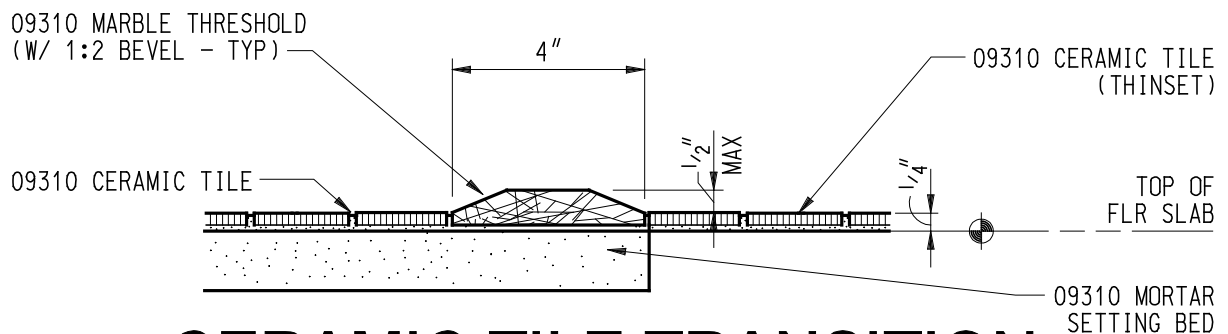
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Notes / Instructions

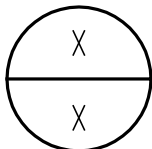
NOTE THAT THINSET CERAMIC TILE IS INSTALLED DIRECTLY ON TOP OF SLAB W/O DEPRESSION, ESTABLISHING A FINISHED FLOOR SURFACE $\frac{1}{4}"$ ABOVE TOP OF SLAB.

COORDINATE OTHER FLOOR TRANSITIONS ACCORDINGLY

Standard Detail



CERAMIC TILE TRANSITION WITH THRESHOLD



3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Jeffrey Zona

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Cell Name

09458

Date

5-5-00

Department

Architecture

Detail No.

09-458

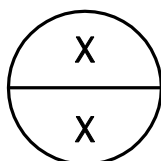
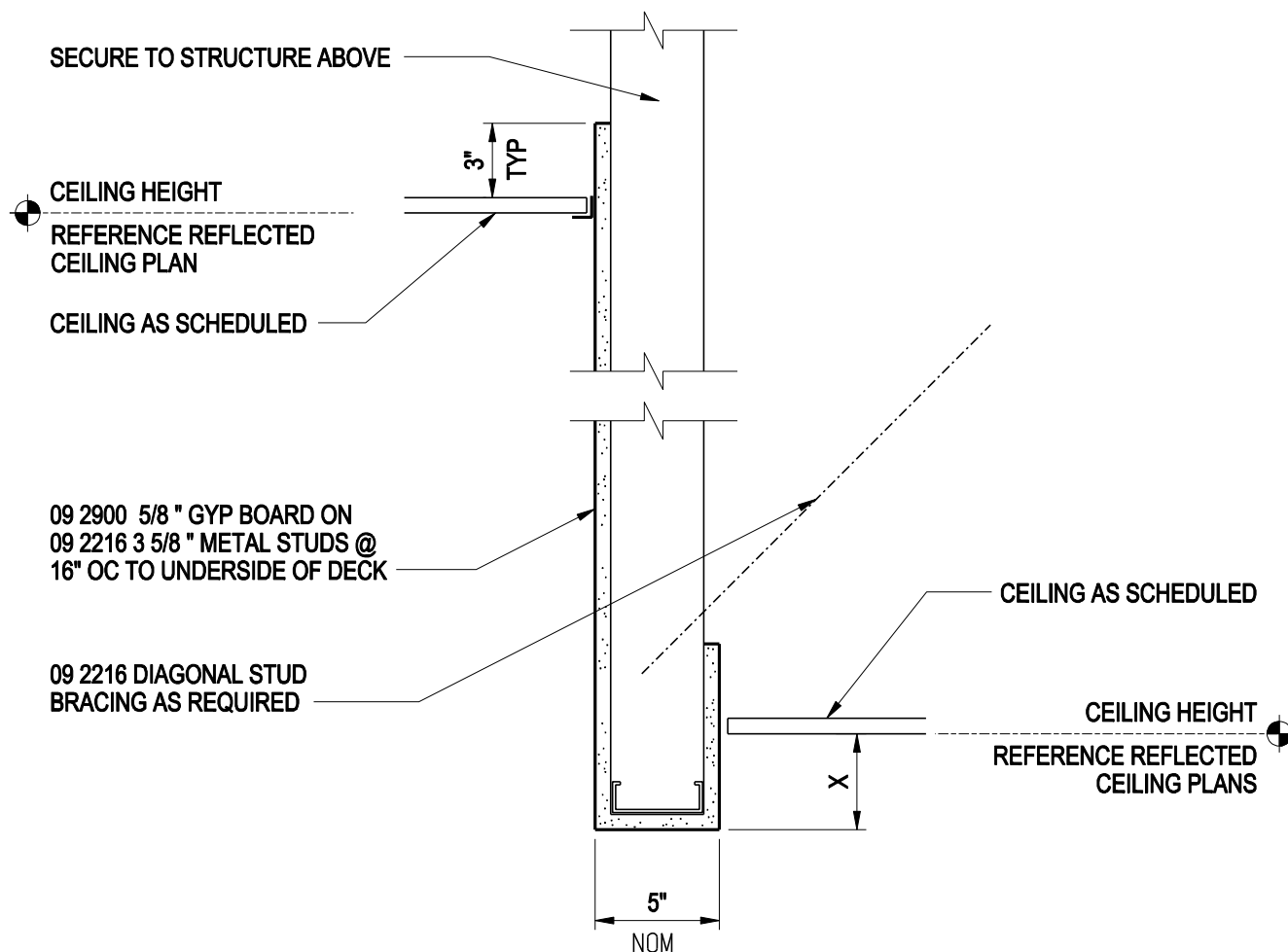
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FILL IN MISSING DIMENSION AT LOWER CEILING

AND ADJUST AS REQUIRED

CUT DETAIL AND LOCATE DROP ON REFL CLG PLANS

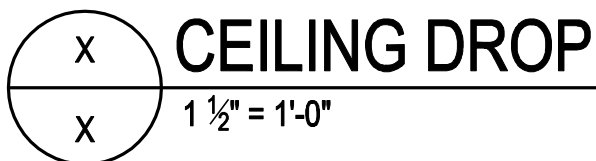
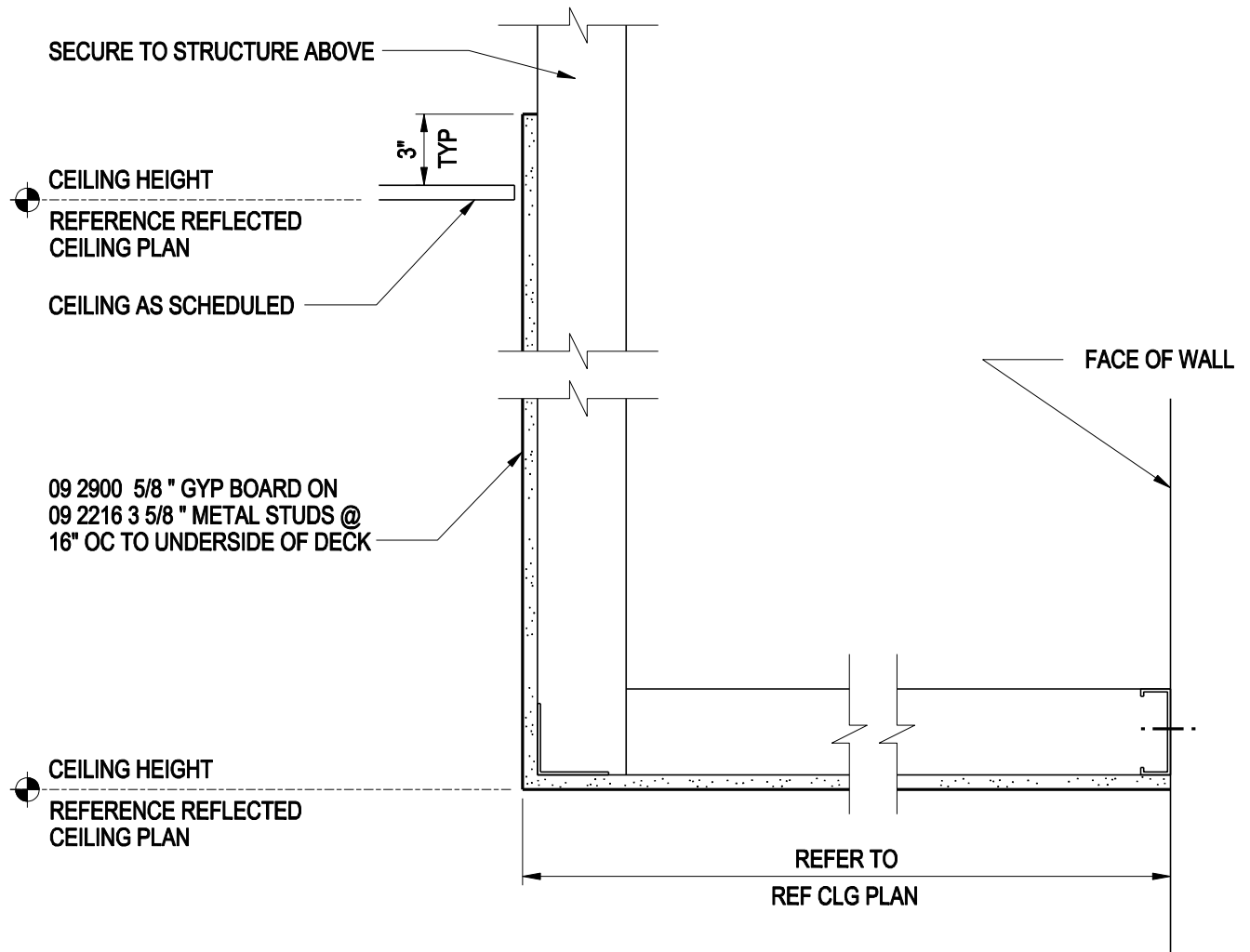
Standard Detail



CEILING DROP

1 1/2" = 1'-0"

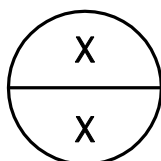
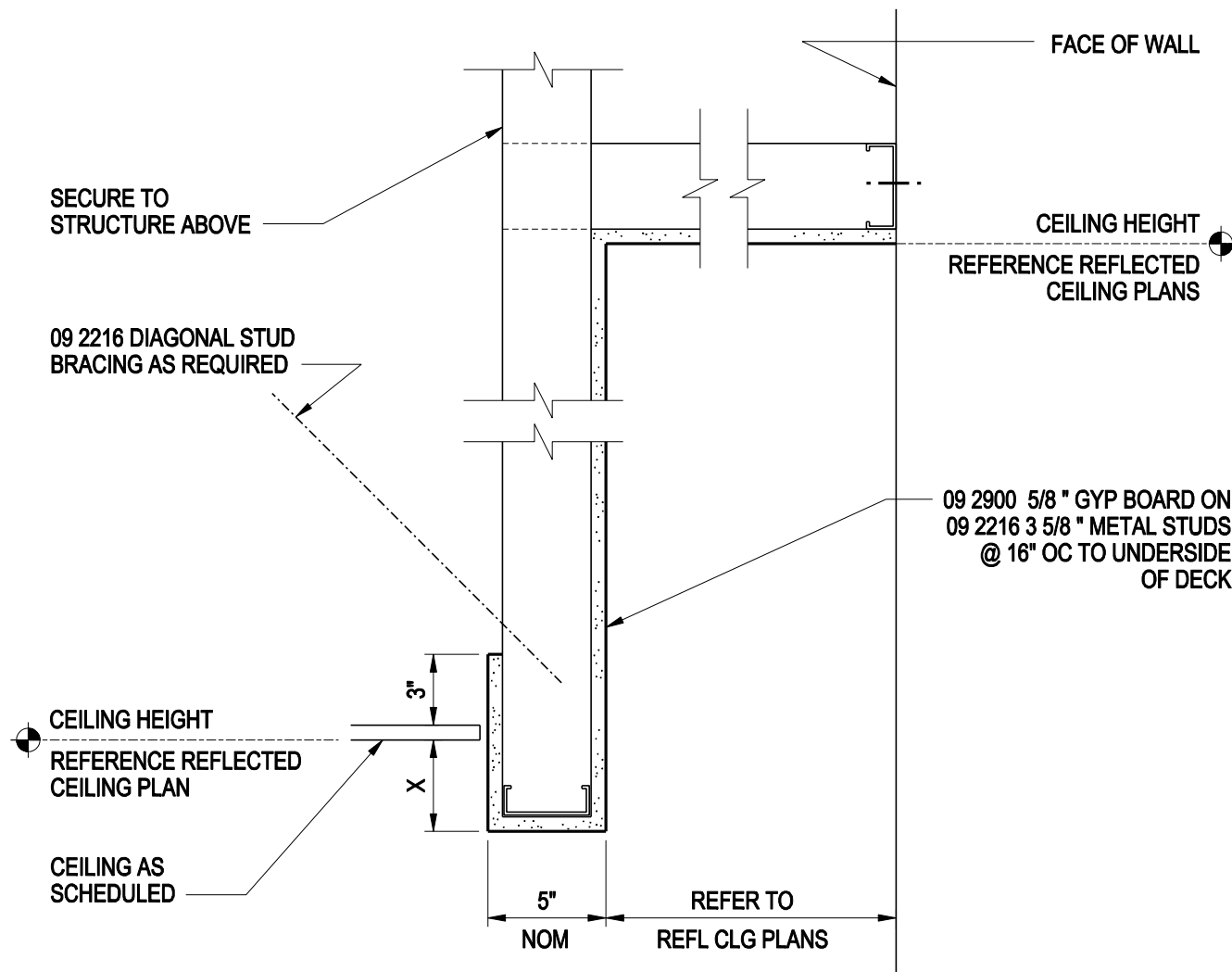
Standard Detail



FILL IN MISSING DIMENSION AT LOWER CEILING
AND ADJUST AS REQUIRED

CUT DETAIL AND ADD REFERENCED DIMENSIONS ON
REFLECTED CEILING PLANS

Standard Detail



CEILING DROP

1 1/2" = 1'-0"

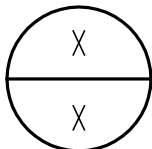
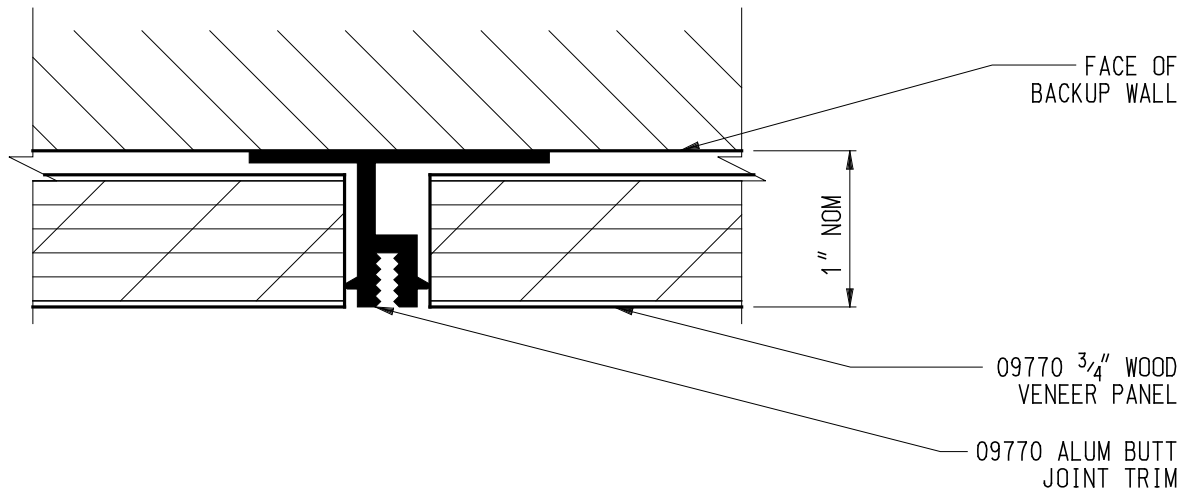


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Architecture, Engineering, Interiors & Technology

Notes / Instructions

"SURFACE SYSTEMS, SYSTEM 4" BY MARLITE

Standard Detail



WOOD VENEER PANEL BUTT JT

FULL SCALE

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH09.CEL

Cell Name

09751

Date

1-23-02

Department

Architecture

Detail No.

09-751

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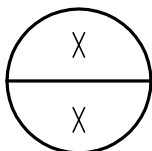
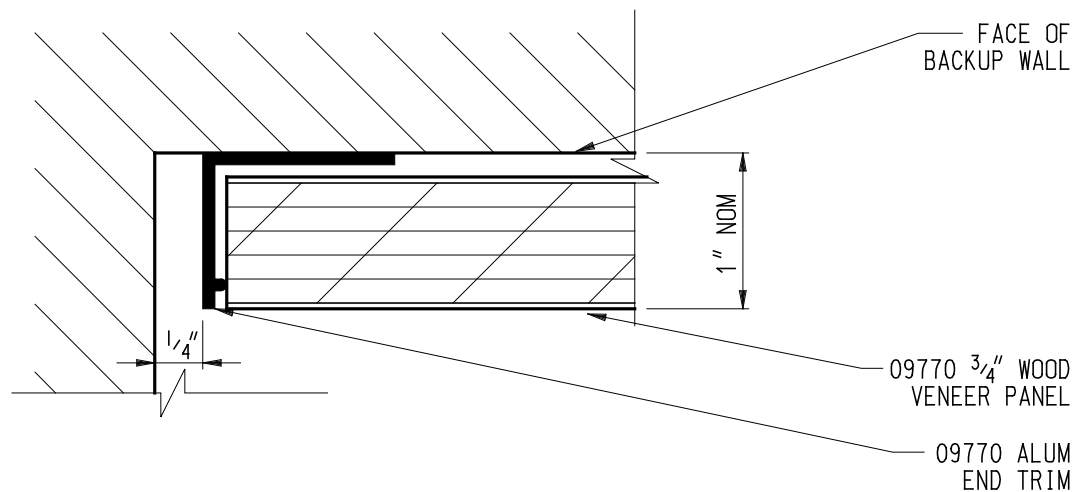


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Architecture, Engineering, Interiors & Technology

Notes / Instructions

"SURFACE SYSTEMS, SYSTEM 4" BY MARLITE

Standard Detail



WOOD VENEER PANEL END

FULL SCALE

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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ARCH09.CEL

Cell Name

09752

Date

1-23-02

Department

Architecture

Detail No.

09-752

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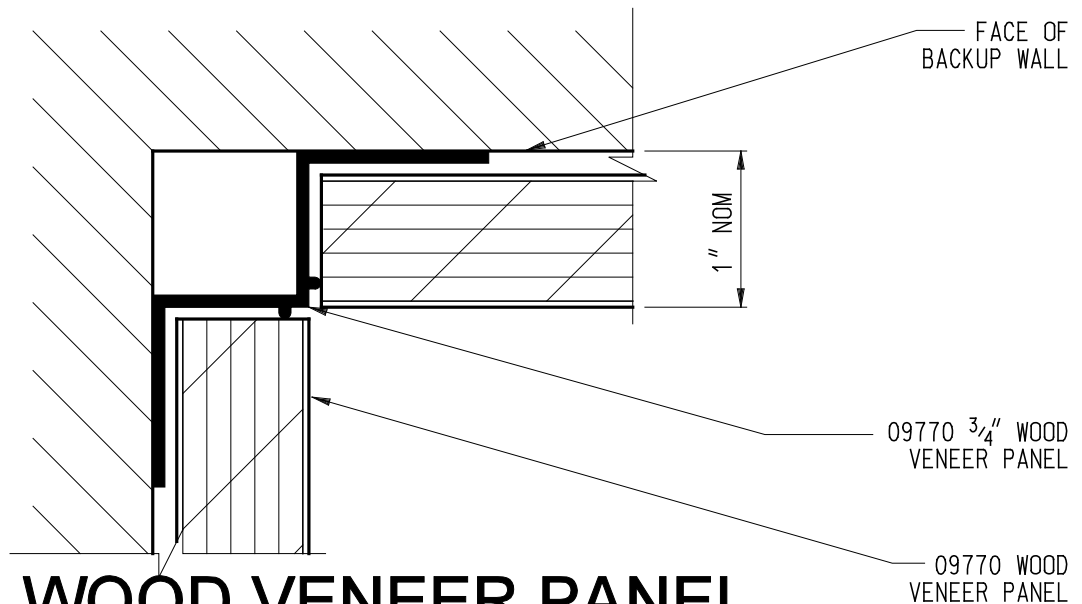


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Notes / Instructions

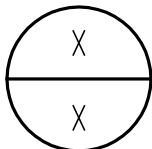
"SURFACE SYSTEMS, SYSTEM 4" BY MARLITE

Standard Detail



**WOOD VENEER PANEL
INSIDE CORNER**

FULL SCALE



***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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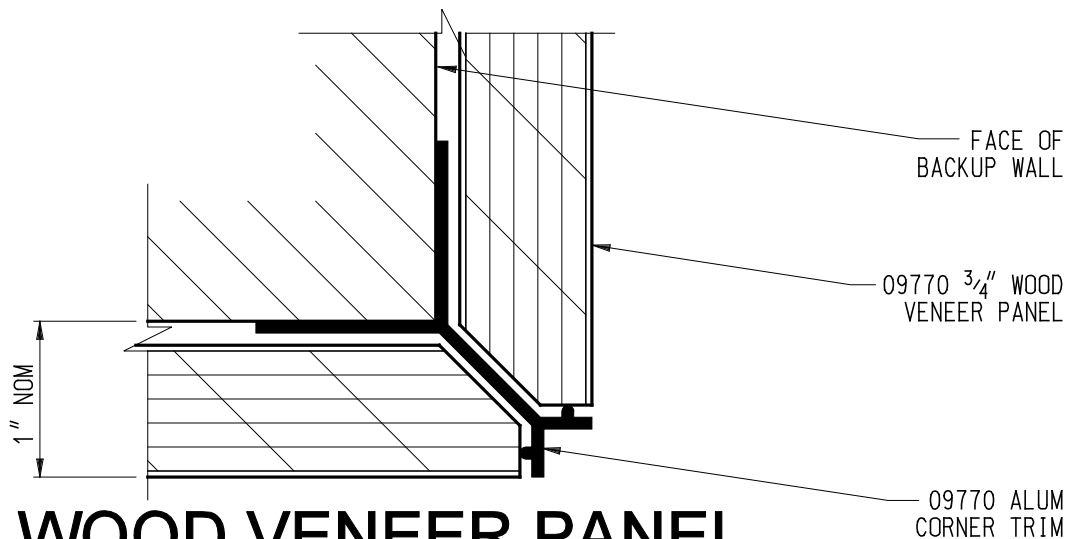


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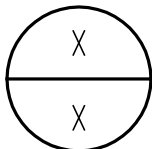
"SURFACE SYSTEMS, SYSTEM 4" BY MARLITE

Standard Detail



**WOOD VENEER PANEL
OUTSIDE CORNER**

FULL SCALE



\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

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Jeffrey Zona

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09754

Date

1-23-02

Department

Architecture

Detail No.

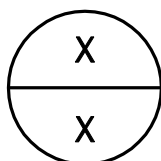
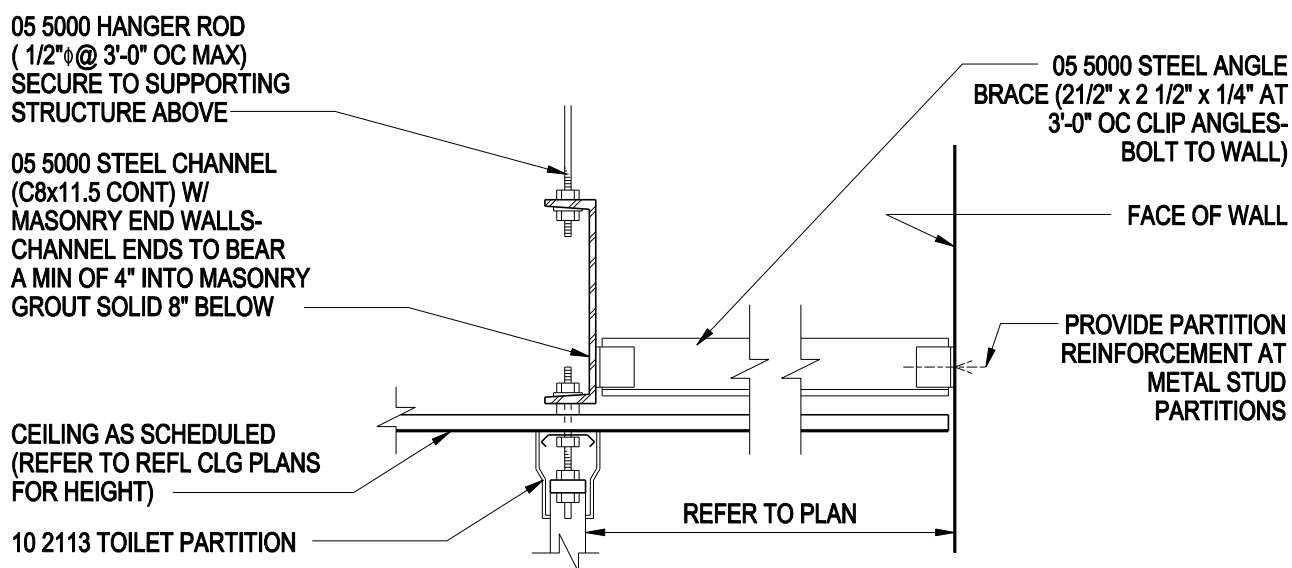
09-754

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SHOW EXTENT OF SUPPORT CHANNEL AND CUT DETAIL ON
REFLECTED CEILING PLAN

COORDINATE ADDITIONAL STEEL SUPPORTING STRUCTURE
FOR HANGER RODS W/ STRUCTURAL

Standard Detail

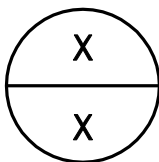
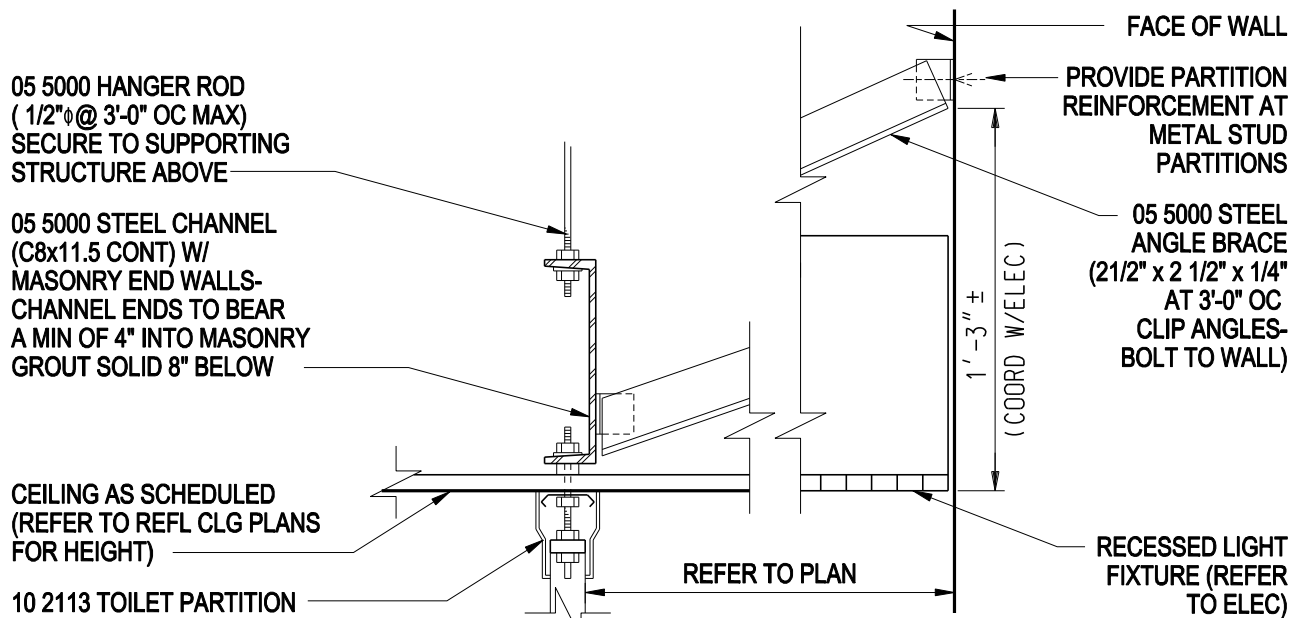


CEILING HUNG TOILET PARTITION

1 1/2" = 1'-0"

USE WITH RECESSED WALL WASHER TYPE LIGHT FIXTURE
 SHOW EXTENT OF SUPPORT CHANNEL AND CUT DETAIL ON
 REFLECTED CEILING PLAN
 COORDINATE ADDITIONAL STEEL SUPPORTING STRUCTURE
 FOR HANGER RODS W/ STRUCTURAL

Standard Detail

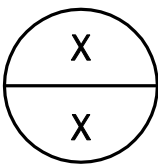
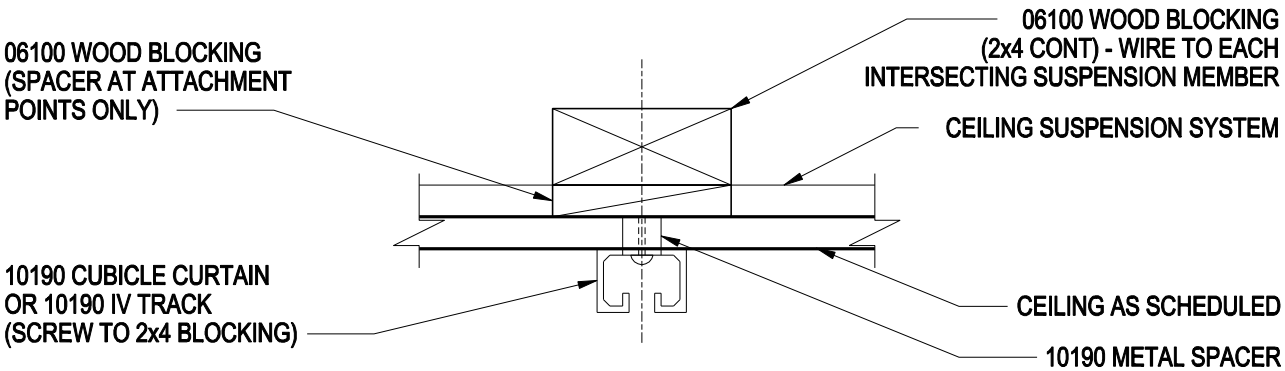


CEILING HUNG TOILET PARTITION

1 1/2" = 1'-0"

Notes / Instructions
SHOW CUBICLE CURTAIN TRACKS ON FLOOR, EQUIPMENT,
AND REFLECTED CEILING PLANS
DIMENSION LOCATIONS ON EQUIPMENT OR REFLECTED
CEILING PLANS
SHOW AND DIMENSION LOCATIONS OF IV TRACKS ON
REFLECTED CEILING PLANS

Standard Detail



CUBICLE CURTAIN / IV TRACK

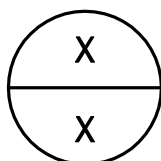
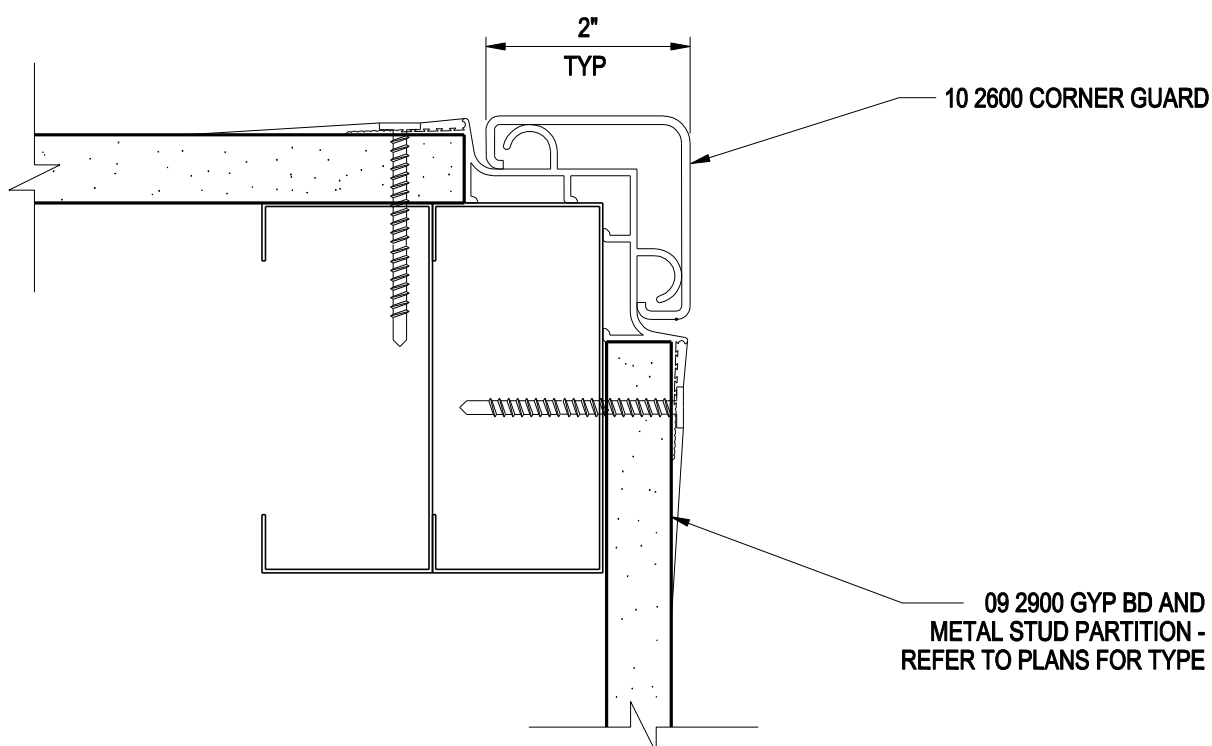
3" = 1'-0"

FOR NON RATED PARTITIONS

LOCATE ON PLANS

TYPE CGF-2 BY BALCO METALINES

Standard Detail



RECESSED CORNER GUARD

METAL STUD PARTITION

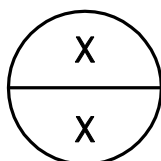
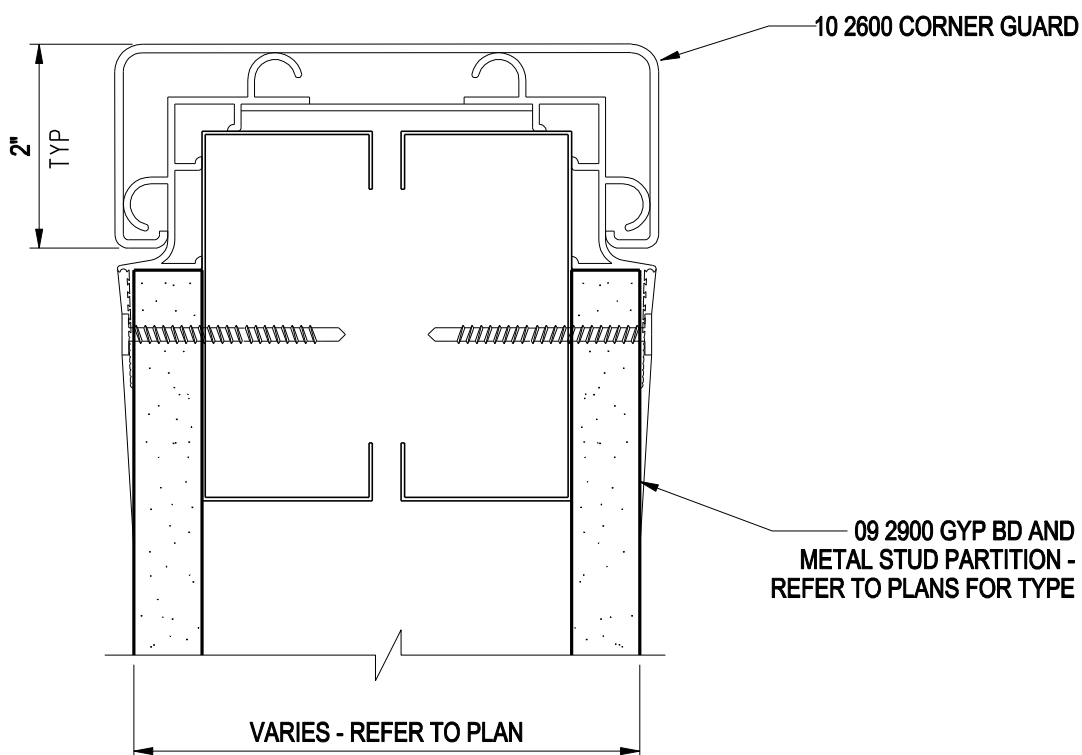
6" = 1'-0"

FOR NON RATED PARTITIONS

LOCATE ON PLANS

TYPE CGF-2EW BY BALCO, INC

Standard Detail

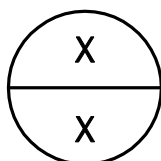
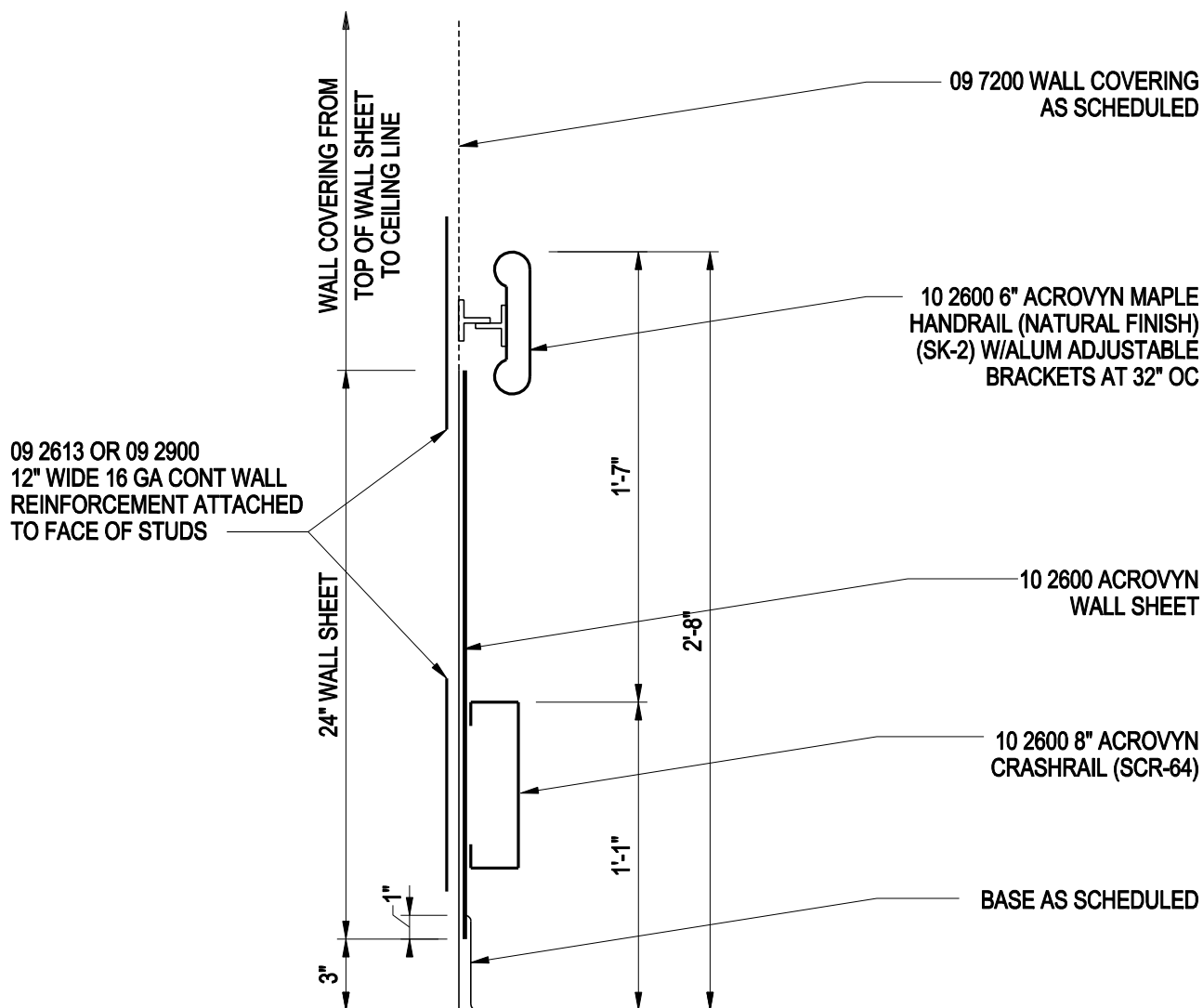


RECESSED END WALL CORNER GUARD

METAL STUD PARTITION

6" = 1'-0"

Standard Detail



HANDRAIL & CRASHRAIL DETAIL

1 1/2" = 1'-0"



Integrated Design Solutions, LLC
Architecture, Engineering, Interiors & Technology

Standard Detail

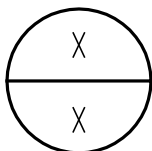
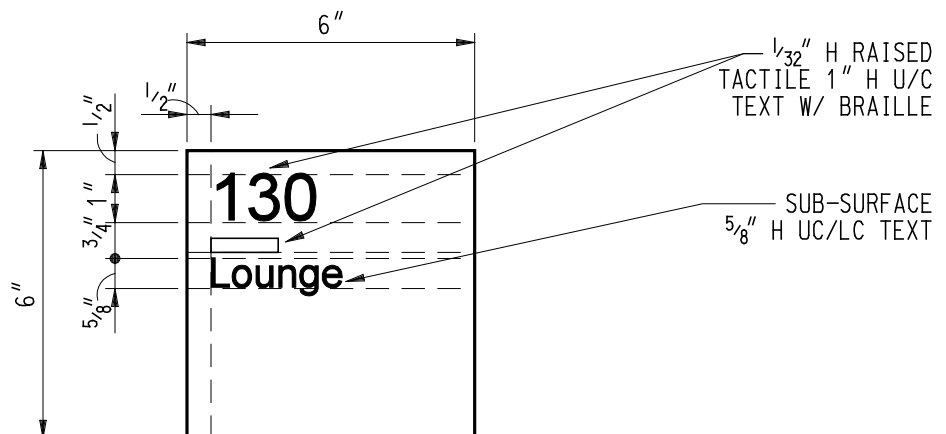
Notes / Instructions

TYPICAL ROOM SIGN

SPECIFY OR SCHEDULE TEXT AND BACKGROUND COLORS

ADD LETTER DESIGNATION TO TITLE AND COORDINATE

W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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Cell Name

10421

Date

24-AUG-00

Department

Architecture

Detail No.

10-421

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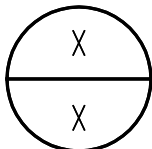
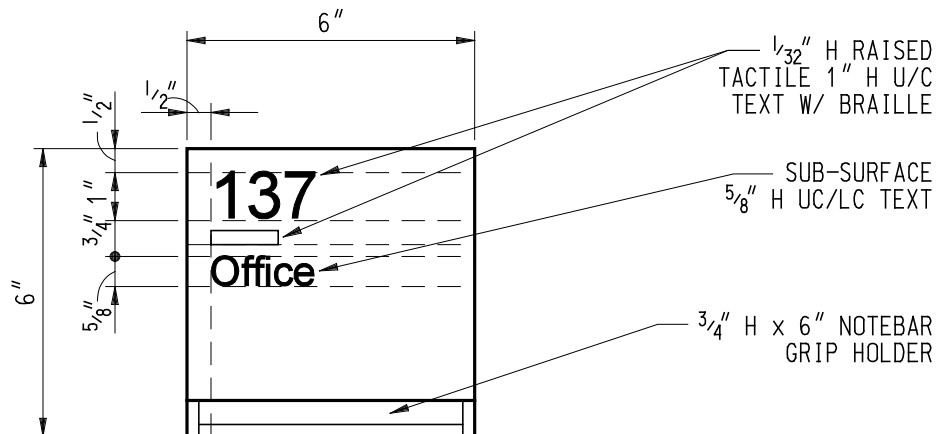


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Standard Detail

Notes / Instructions

TYPICAL ROOM SIGN W/ NOTEBAR GRIP HOLDER
SPECIFY OR SCHEDULE TEXT AND BACKGROUND COLORS
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH10.CEL

Cell Name

10421

Date

24-AUG-00

Department

Architecture

Detail No.

10-422

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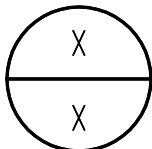
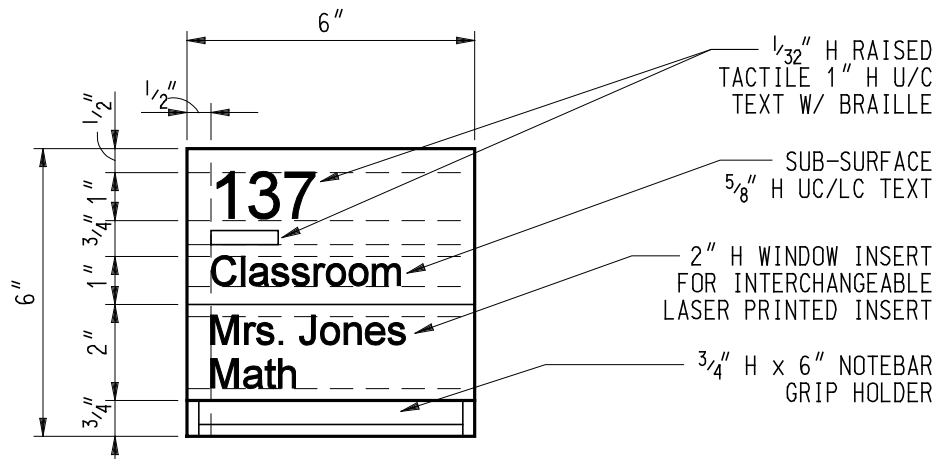
Notes / Instructions

TYPICAL ROOM SIGN W/ INTERCHANGEABLE WINDOW AND
NOTEBAR GRIP HOLDER

SPECIFY OR SCHEDULE TEXT AND BACKGROUND COLORS

ADD LETTER DESIGNATION TO TITLE AND COORDINATE

W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Notes / Instructions

B.F. TOILET ROOM SIGN

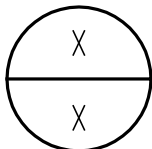
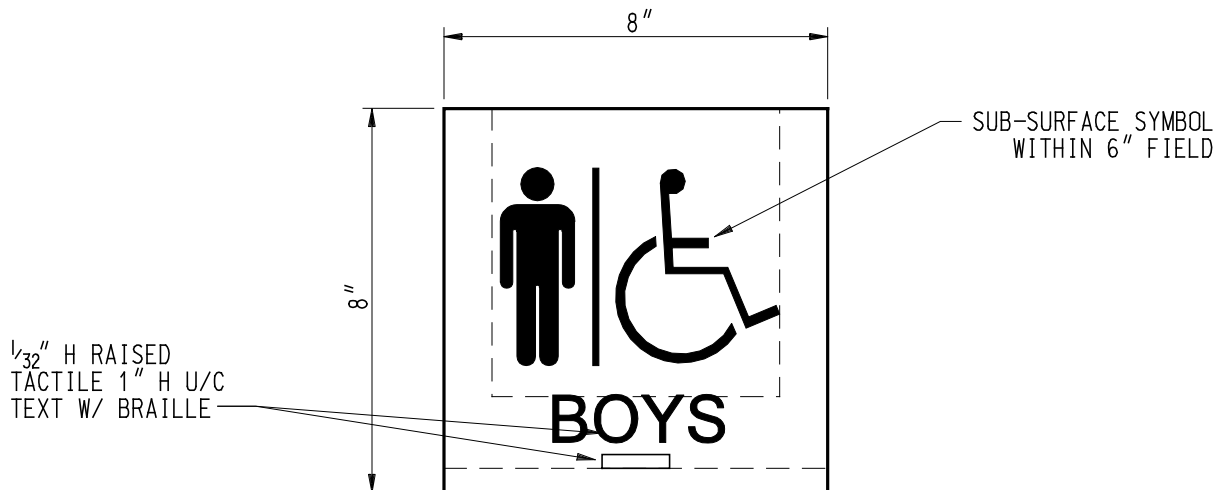
INTERNATION SYMBOL OF ACCESSIBILITY NOT REQUIRED

WHEN ALL TOILET ROOMS ARE B.F.

SPECIFY OR SCHEDULE TEXT, SYMBOL AND BACKGROUND COLORS

ADD LETTER DESIGNATION TO TITLE AND COORDINATE

W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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24-AUG-00

Department

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Detail No.

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Notes / Instructions

B.F. TOILET ROOM SIGN

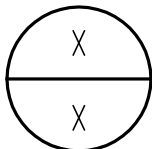
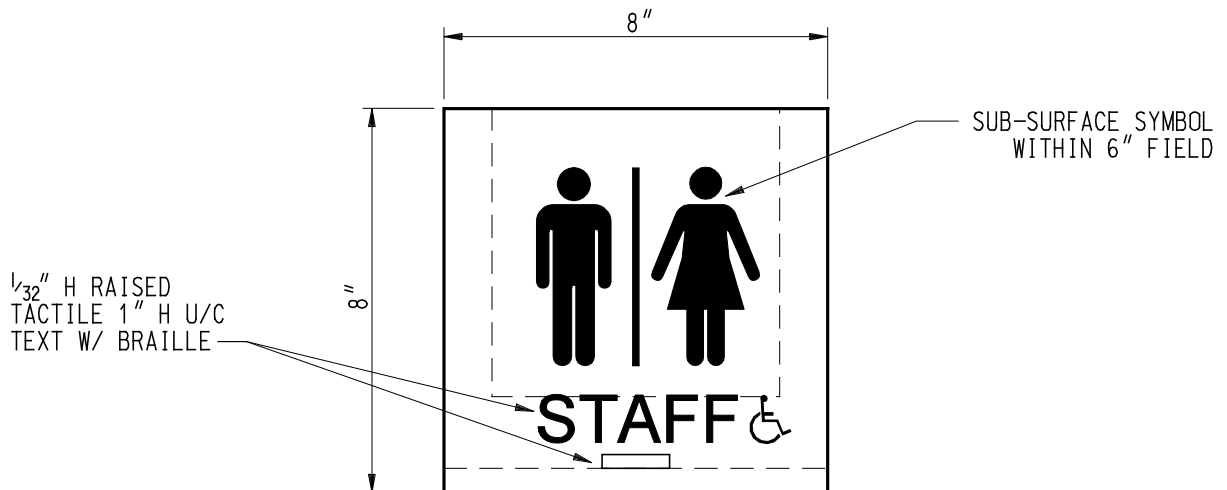
INTERNATION SYMBOL OF ACCESSIBILITY NOT REQUIRED

WHEN ALL TOILET ROOMS ARE B.F.

SPECIFY OR SCHEDULE TEXT, SYMBOL AND BACKGROUND COLORS

ADD LETTER DESIGNATION TO TITLE AND COORDINATE

W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

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10462

Date

24-AUG-00

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Detail No.

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Standard Detail

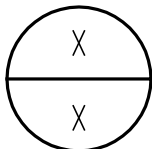
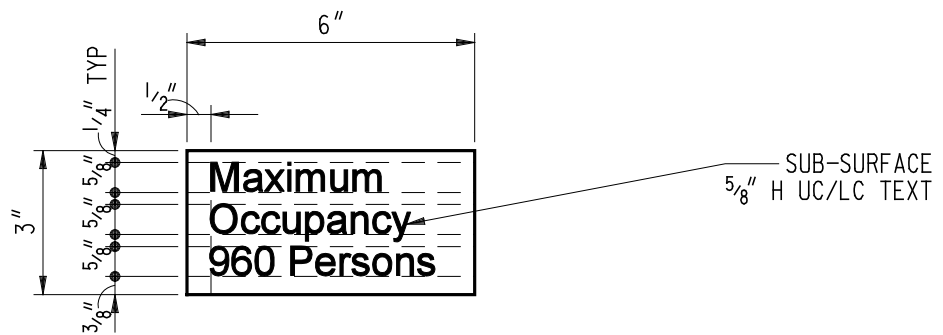
Notes / Instructions

SATISFIES THE REQUIREMENTS OF 1996 BOCA, SECTION 1003.2
FOR POSTED OCCUPANT LOAD.

SPECIFY OR SCHEDULE TEXT AND BACKGROUND COLORS

ADD LETTER DESIGNATION TO TITLE AND COORDINATE

W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

10501

Date

24-AUG-00

Department

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Detail No.

10-501

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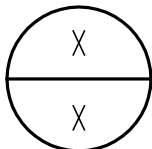
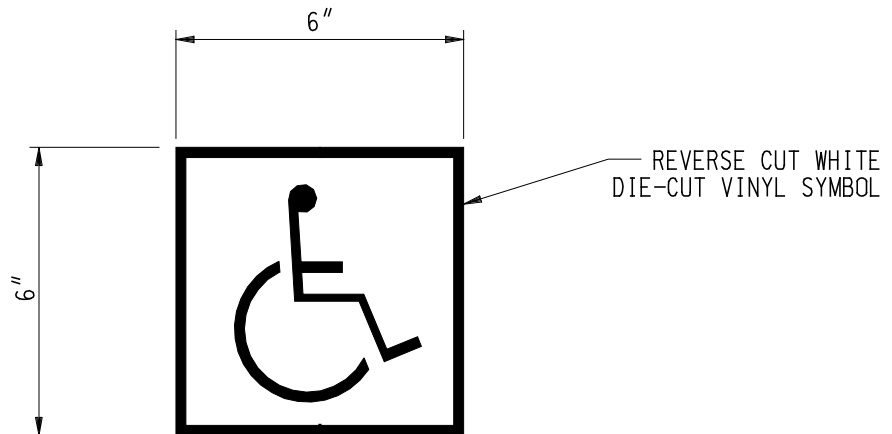


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Standard Detail

Notes / Instructions

INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN FOR
INSTALLATION ON GLASS ONLY. PROVIDE AT ACCESSIBLE
ENTRANCE WHEN NOT ALL ARE ACCESSIBLE. PROVIDE
DIRECTIONAL SIGNAGE AT INACCESSIBLE ENTRANCES TO
INDICATE THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE.
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Cell Name

10511

Date

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Detail No.

10-511

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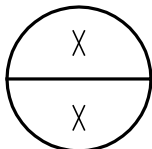
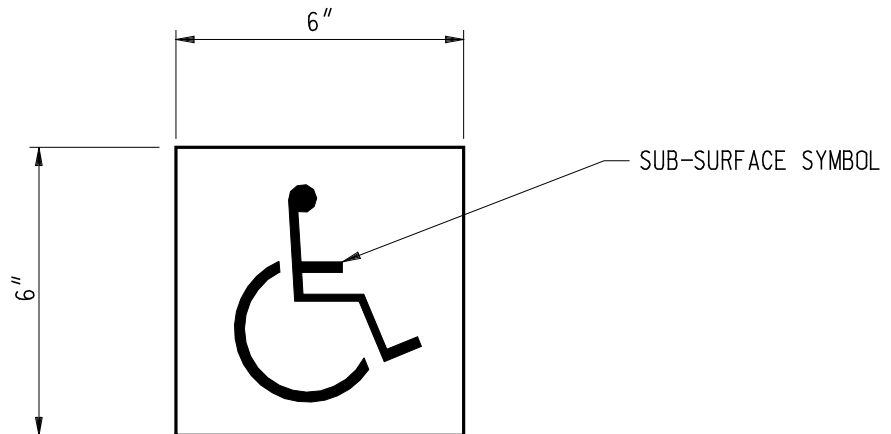


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Standard Detail

Notes / Instructions

INTERNATIONAL SYMBOL OF ACCESSIBILITY WALL MOUNTED
SIGN. PROVIDE AT ACCESSIBLE ENTRANCE WHEN NOT ALL
ARE ACCESSIBLE. PROVIDE DIRECTIONAL SIGNAGE AT
INACCESSIBLE ENTRANCES TO INDICATE THE ROUTE TO THE
NEAREST ACCESSIBLE ENTRANCE.
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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10512

Date

24-AUG-00

Department

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Detail No.

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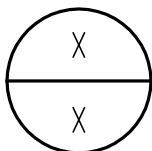
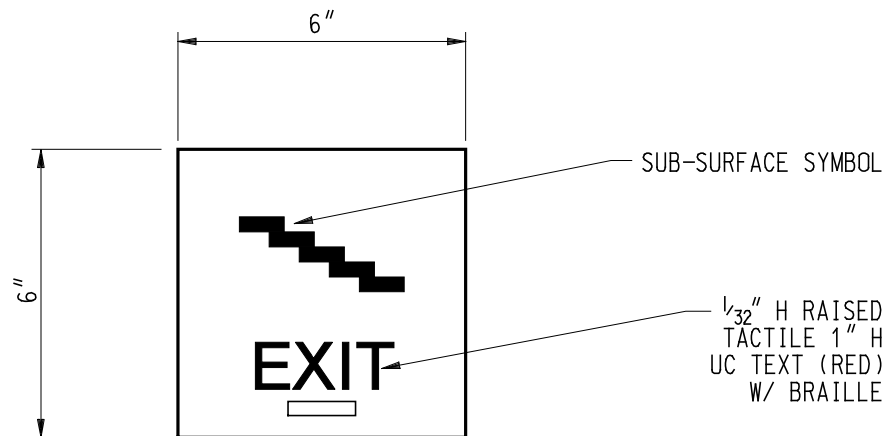


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Standard Detail

Notes / Instructions

SATISFIES THE REQUIREMENT OF 1996 BOCA SECTION 1014.11.4
FOR SIGNAGE ADJACENT TO STAIR DOORS
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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10513

Date

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Department

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Detail No.

10-513

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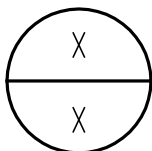
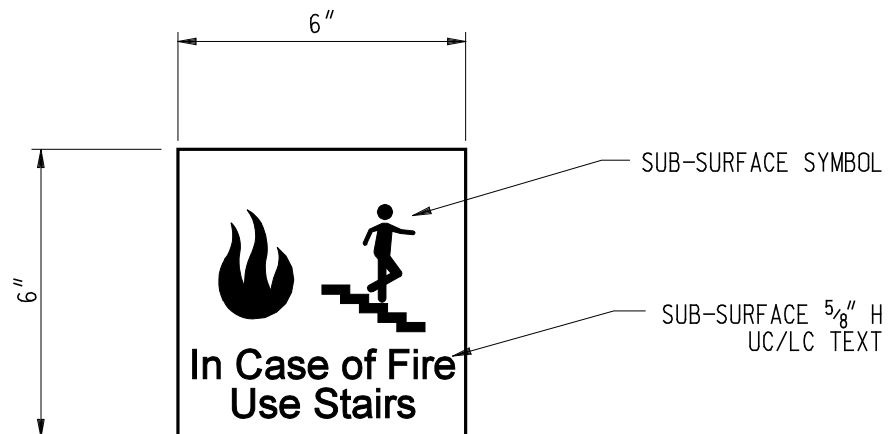


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Standard Detail

Notes / Instructions

SATISFIES THE REQUIREMENTS OF 1996 BOCA SECTION 3009.1
FOR EMERGENCY SIGNAGE AT ELEVATORS. LOCATE ABOVE
ELEVATOR CALL STATION AT EACH FLOOR.
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

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10514

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Department

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Detail No.

10-514

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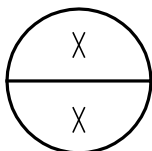
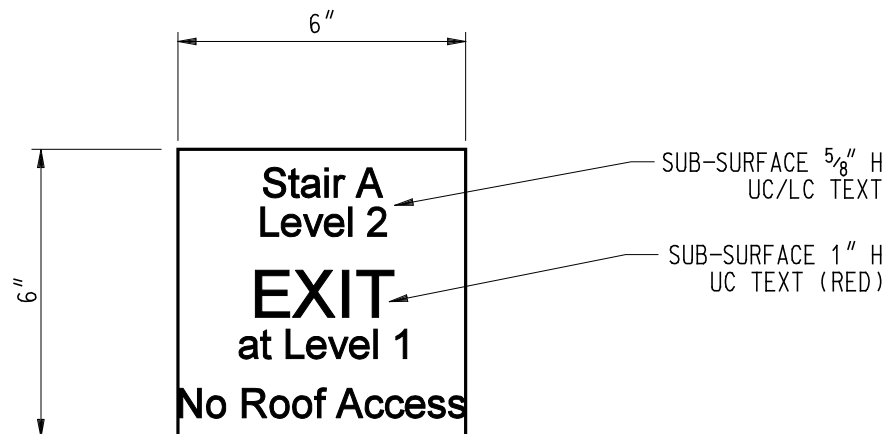


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Standard Detail

Notes / Instructions

SATISFIES THE REQUIREMENTS OF 1996 BOCA SECTION 1014.11.
USE AT LEVEL OF EXIT DISCHARGE AND TOP FLOOR, WITH
OR WITHOUT ROOF ACCESS (REVISE TEXT ACCORDINGLY)
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Detail No.

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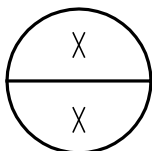
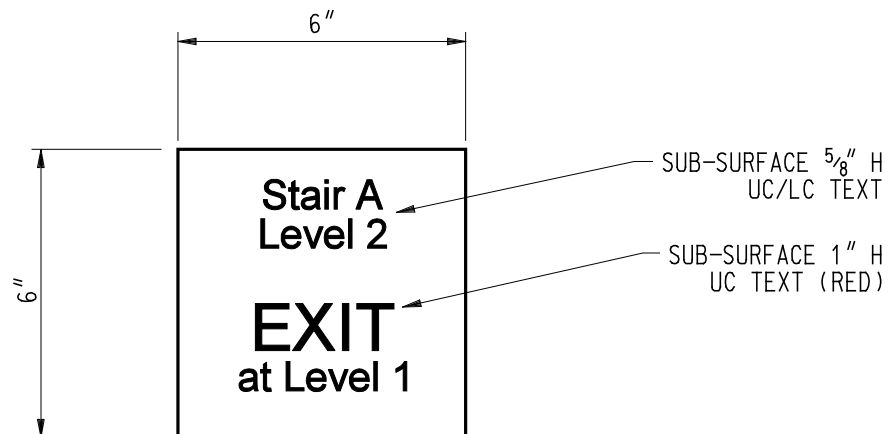


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Standard Detail

Notes / Instructions

SATISFIES THE REQUIREMENTS OF 1996 BOCA SECTION 1014.11.
USE AT ALL STAIR LEVELS EXCEPT LEVEL OF EXIT
DISCHARGE AND TOP FLOOR
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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Detail No.

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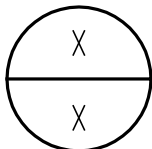
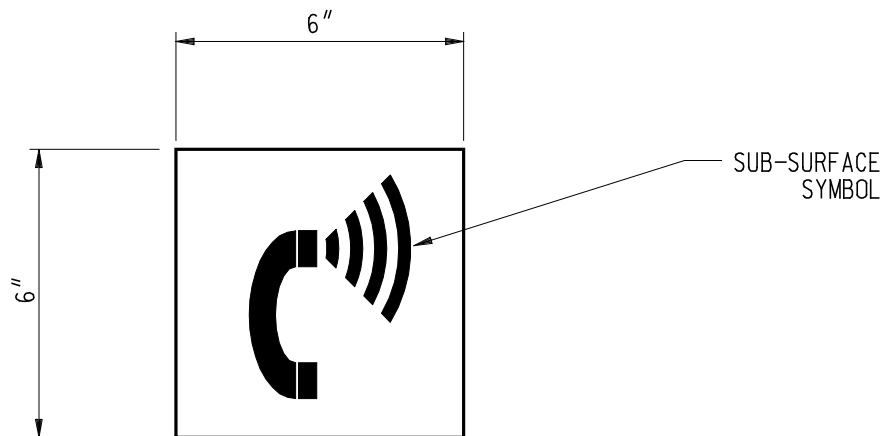
Notes / Instructions

VOLUME CONTROL TELEPHONE SYMBOL

ADD LETTER DESIGNATION TO TITLE AND COORDINATE

W/ SIGN SCHEDULE

Standard Detail



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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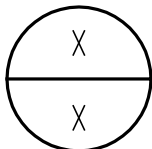
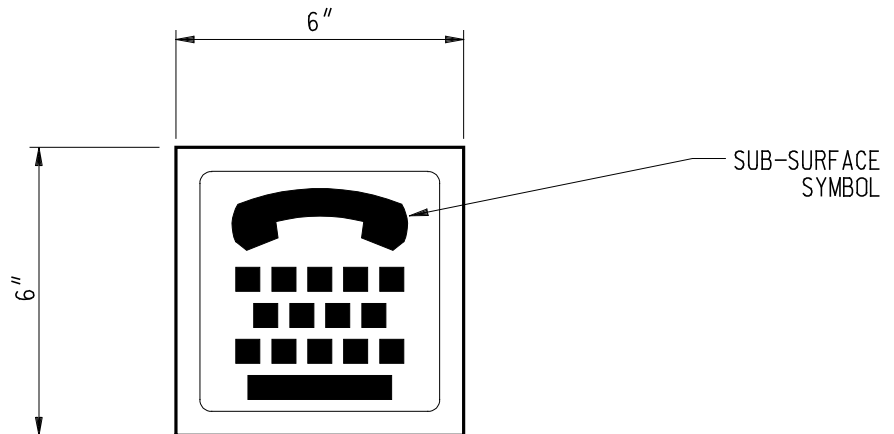
Notes / Instructions

INTERNATIONAL TDD (TEXT TELEPHONE) SYMBOL

ADD LETTER DESIGNATION TO TITLE AND COORDINATE

W/ SIGN SCHEDULE

Standard Detail



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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10518

Date

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Department

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Detail No.

10-518

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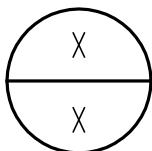
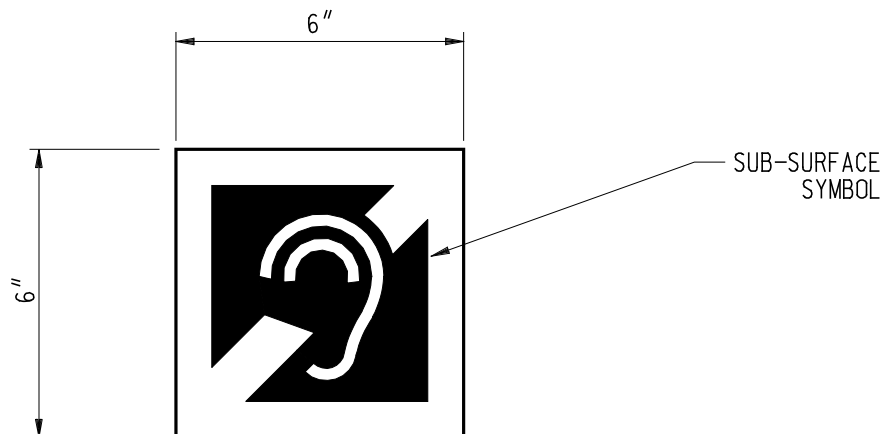
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Standard Detail

Notes / Instructions

INTERNATIONAL SYMBOL FOR HEARING LOSS. USE WHEN
ASSISTED LISTENING SYSTEMS ARE REQUIRED. INCLUDE
INFORMATION ON AVAILABILITY AND TYPE OF SYSTEM ON
SEPARATE SIGN.

ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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10519

Date

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Detail No.

10-519

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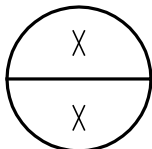
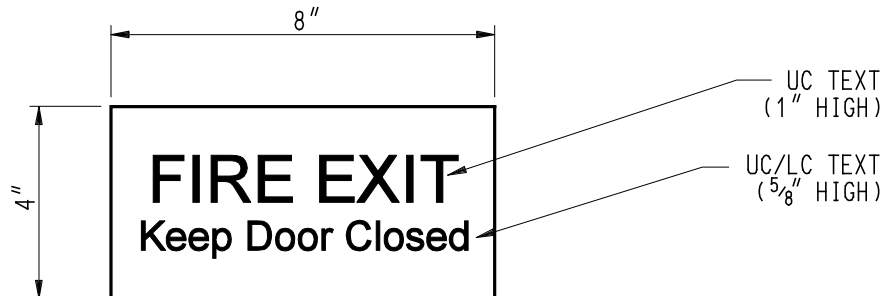


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Standard Detail

Notes / Instructions

SATISFIES THE REQUIREMENTS OF 1985 NFPA 101
LIFE SAFETY CODE, SECTION 5-10.4.2.2 FOR DOORS DESIGNED
TO BE NORMALLY CLOSED (I.E. SMOKE PARTITION DOORS IN
CORRIDOR)
SPECIFY OR SCHEDULE TEXT AND BACKGROUND COLORS
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

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10531

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Department

Architecture

Detail No.

10-531

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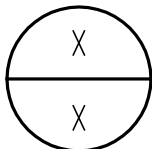
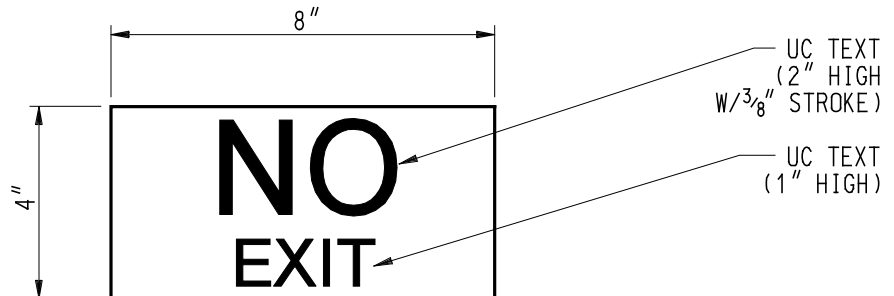


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Standard Detail

Notes / Instructions

SATISFIES THE REQUIREMENTS OF 1985 NFPA 101
LIFE SAFETY CODE, SECTION 5-10.4.2.1 FOR DOORS, PASSAGES
OR STAIRWAYS THAT ARE NOT EXITS AND MAY BE MISTAKEN
FOR EXITS
SPECIFY OR SCHEDULE TEXT AND BACKGROUND COLORS
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

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ARCH10.CEL

Cell Name

10532

Date

24-AUG-00

Department

Architecture

Detail No.

10-532

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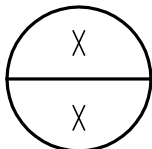
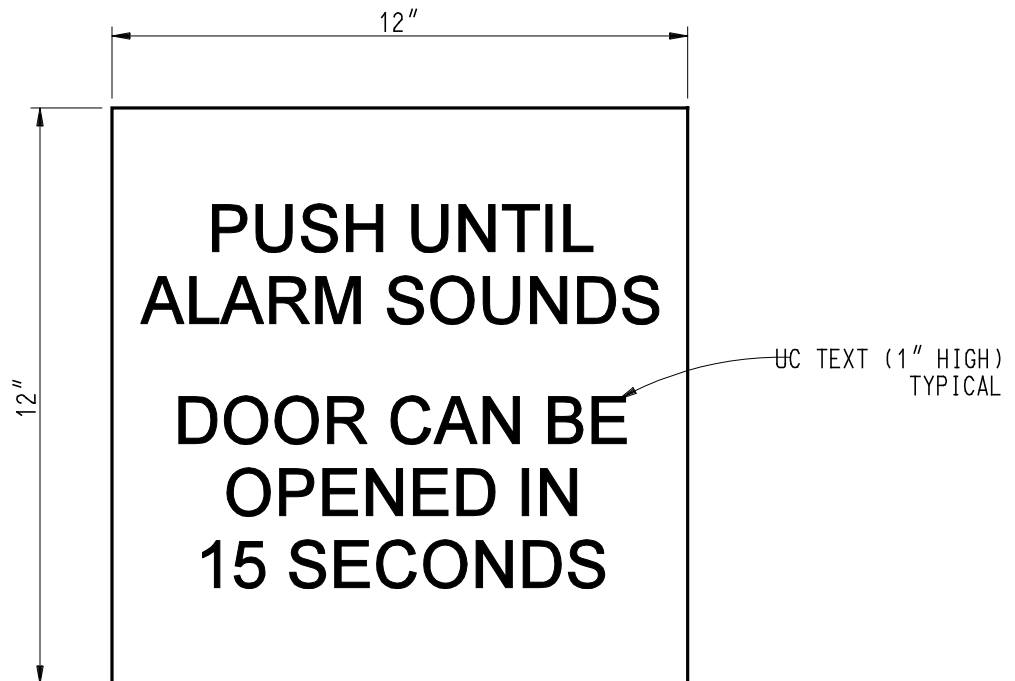


Integrated Design Solutions, LLC
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Standard Detail

Notes / Instructions

SATISFIES THE REQUIREMENTS OF 1996 BOCA SECTION 1017.4.
FOR MEANS OF EGRESS DOORS WITH SPECIAL LOCKING
ARRANGEMENTS
SPECIFY OR SCHEDULE TEXT AND BACKGROUND COLORS
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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Cell Name

10561

Date

24-AUG-00

Department

Architecture

Detail No.

10-561

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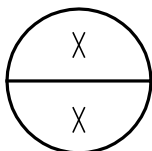
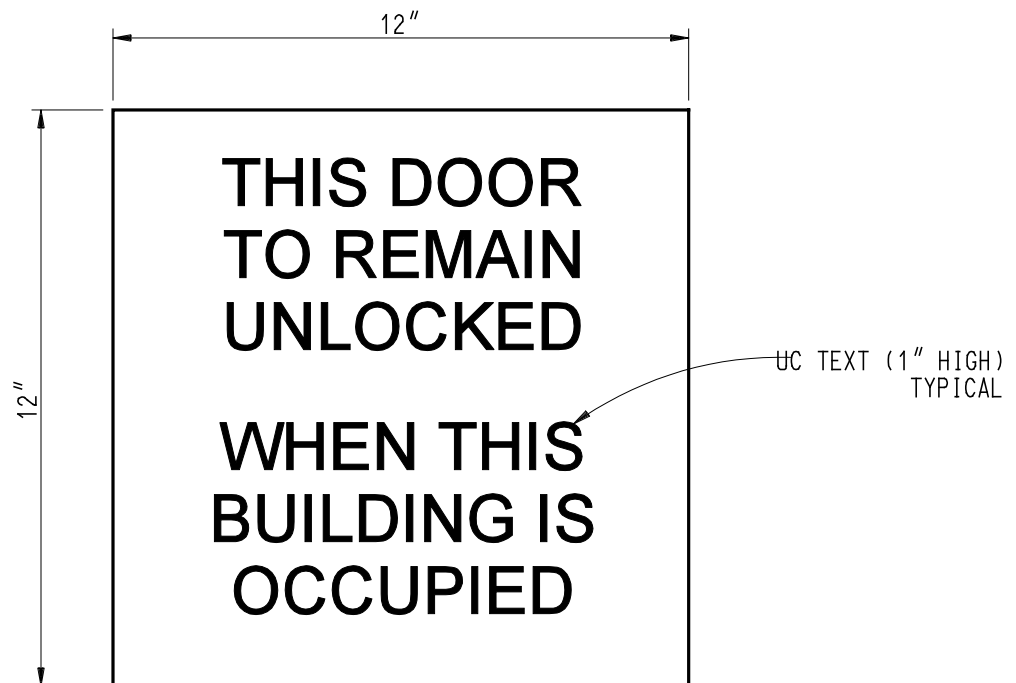


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Standard Detail

Notes / Instructions

SATISFIES THE REQUIREMENTS OF 1996 BOCA SECTION 1017.4.
EXCEPTION 6, FOR KEY LOCKED MEANS OF EGRESS DOORS
SPECIFY OR SCHEDULE TEXT AND BACKGROUND COLORS
ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



SIGN TYPE X

3" = 1'-0"

***** DESIGN FILE NAME *****

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

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10562

Date

24-AUG-00

Department

Architecture

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10-562

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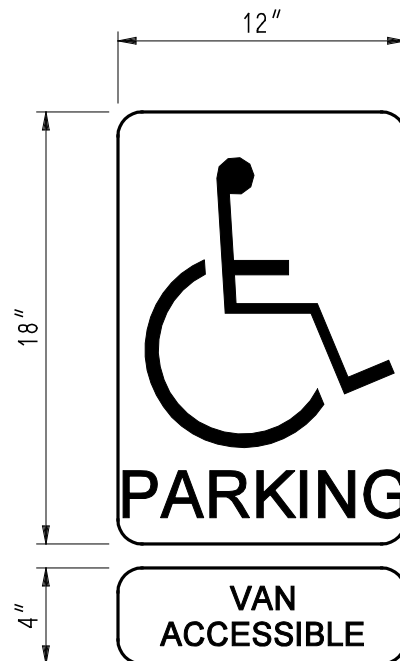
Integrated Design Solutions, LLC
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Standard Detail

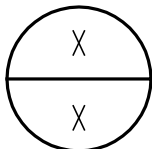
Notes / Instructions

PROVIDE AT EACH BARRIER FREE PARKING STALL. NOTE
VAN ACCESSIBLE STALLS ON PLAN.

ADD LETTER DESIGNATION TO TITLE AND COORDINATE
W/ SIGN SCHEDULE



PROVIDE WHERE
NOTED ON PLANS



SIGN TYPE X

3" = 1'-0"

\$\$\$\$\$ DESIGN FILE NAME \$\$\$\$\$\$

\$ DATE AND TIME \$

CADD Manager

Jeffrey Zona

Cell Library

ARCH10.CEL

Cell Name

10581

Date

24-AUG-00

Department

Architecture

Detail No.

10-581

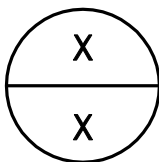
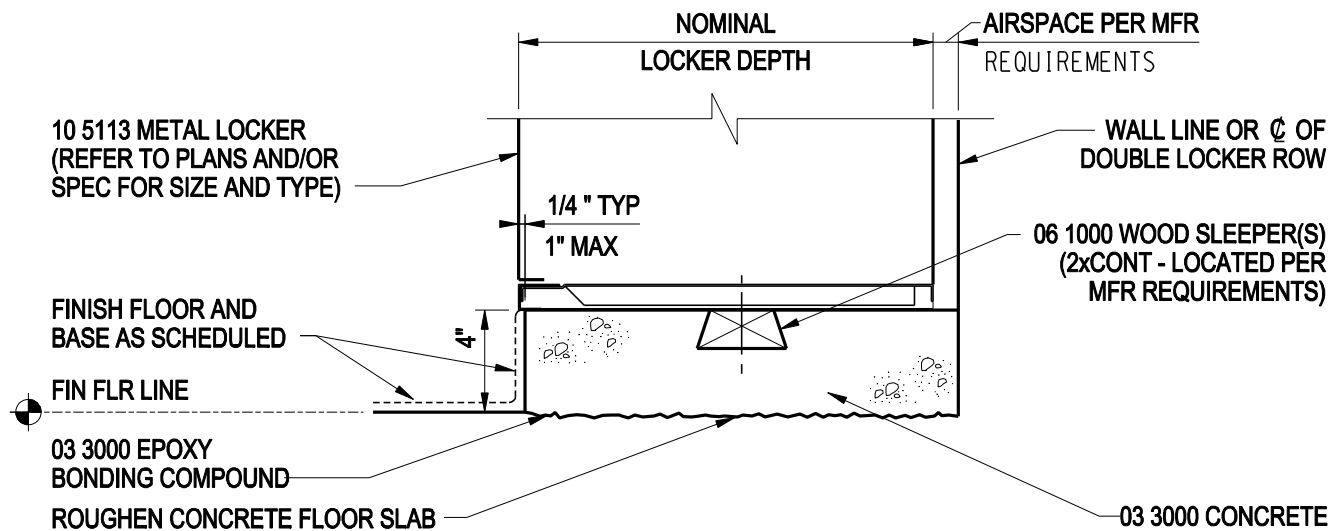
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 VERIFY BASE HEIGHT

 CALL OUT LOCKER SIZE AND TYPE ON PLANS AND

 COORDINATE W/ SPEC

Standard Detail



CONCRETE LOCKER BASE

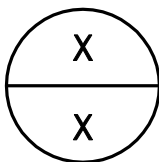
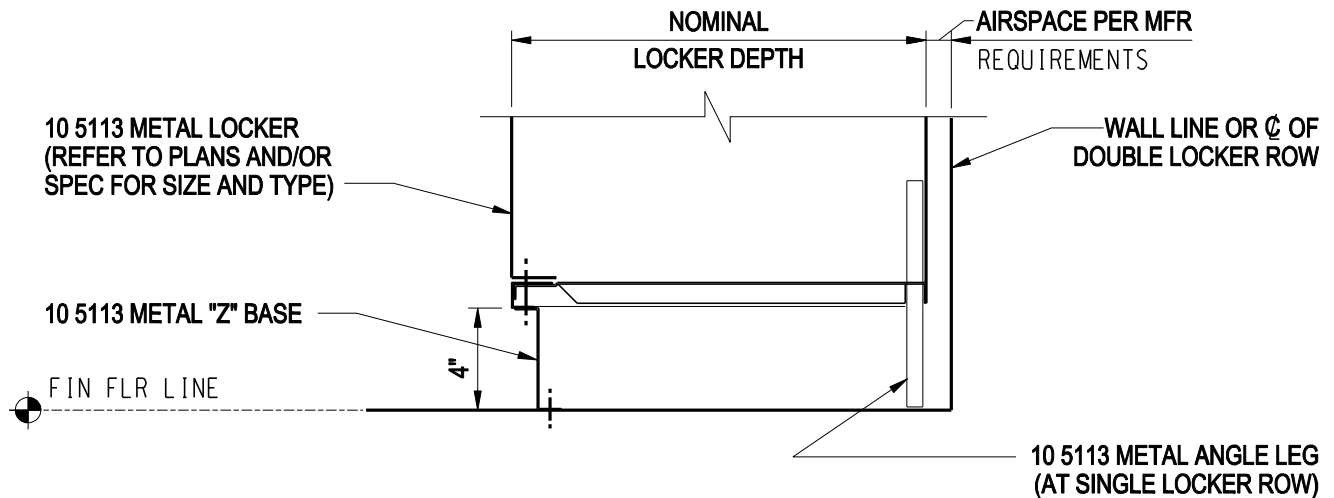
1 1/2" = 1'-0"

 VERIFY BASE HEIGHT

 CALL OUT LOCKER SIZE AND TYPE ON PLANS AND

 COORDINATE W/ SPEC

Standard Detail

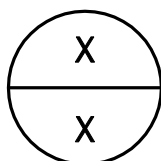
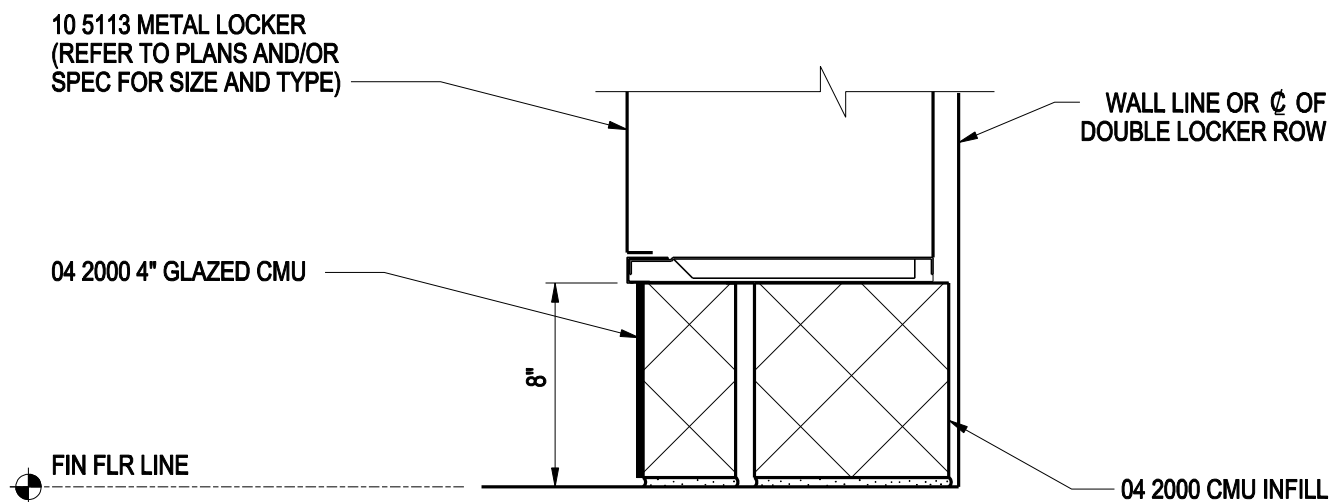


METAL LOCKER BASE

1 1/2" = 1'-0"

CALL OUT LOCKER SIZE AND TYPE ON PLANS AND
COORDINATE W/ SPEC

Standard Detail

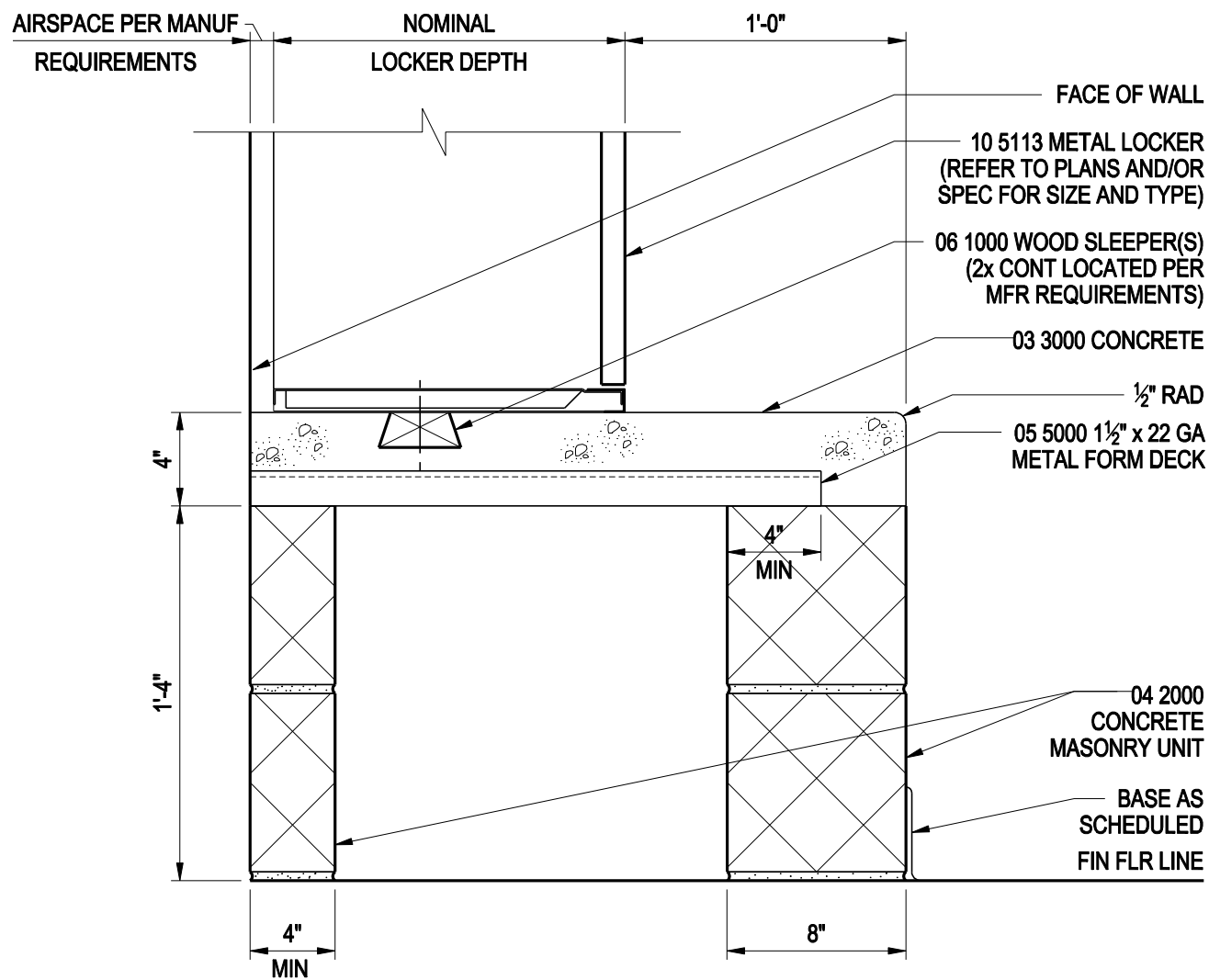


GLAZED CMU LOCKER BASE

1 1/2" = 1'-0"

REFER TO DETAIL 10-613 FOR EXPOSED END CONDITION
(IF ANY)
CALL OUT LOCKER SIZE AND TYPE ON PLANS AND
COORDINATE W/ SPEC

Standard Detail



LOCKER BASE WITH BENCH
1 1/2" = 1'-0" SINGLE LOCKER ROW

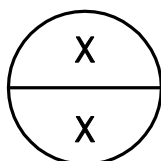
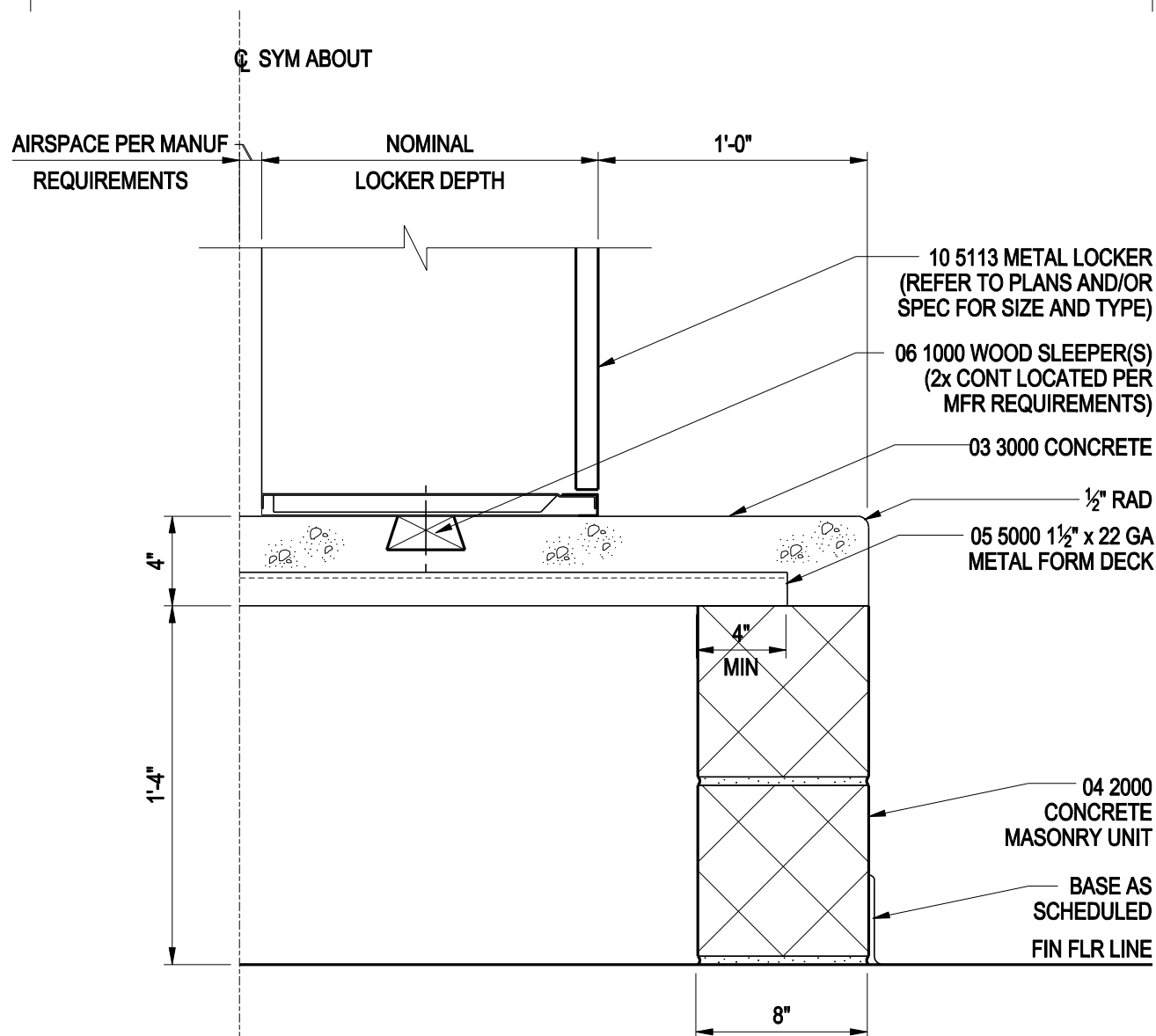
REFER TO DETAIL 10-613 FOR EXPOSED END CONDITION

(IF ANY)

CALL OUT LOCKER SIZE AND TYPE ON PLANS AND

COORDINATE W/ SPEC

Standard Detail



LOCKER BASE WITH BENCH

 $1 \frac{1}{2}" = 1'-0"$

DOUBLE LOCKER ROW

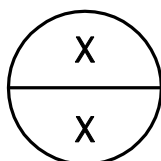
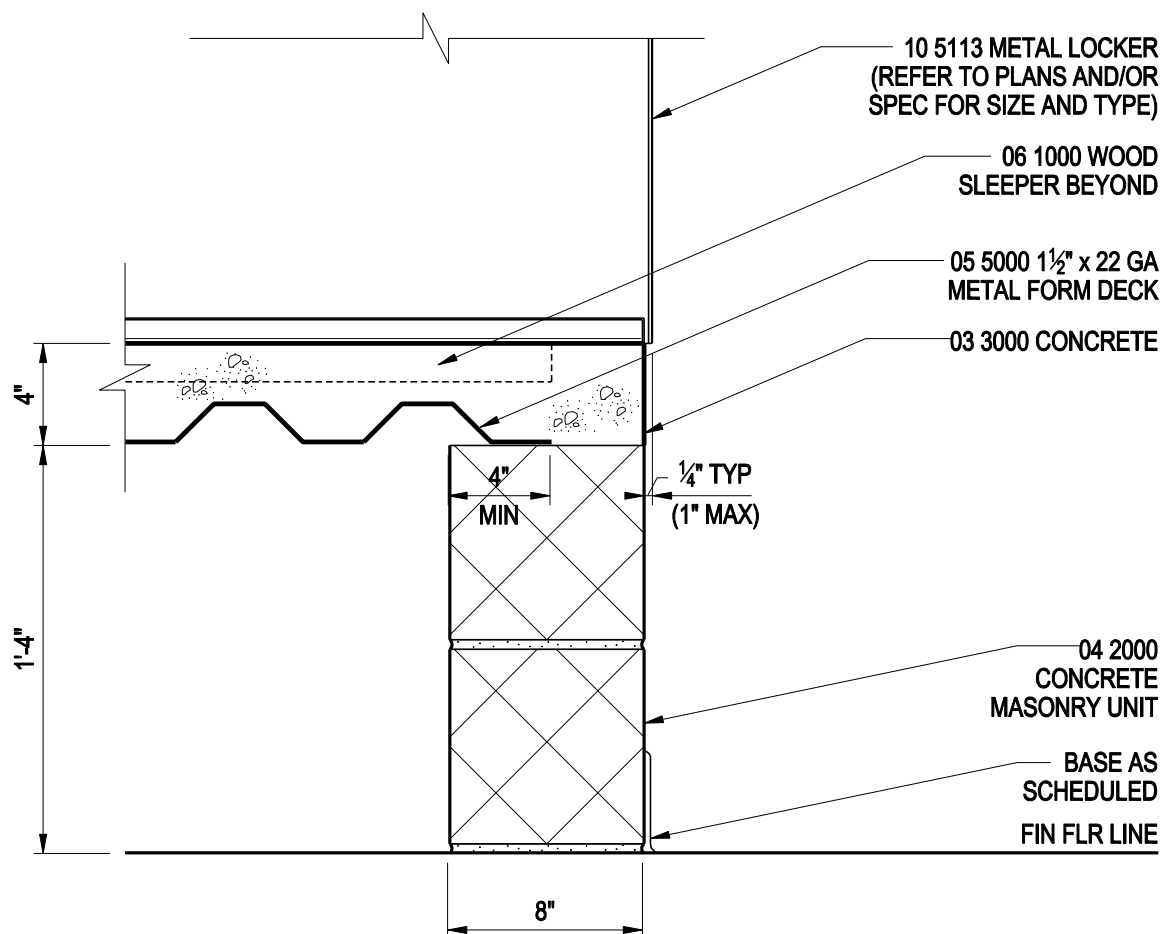
IF REQUIRED USE IN CONJUNCTION W/ STD DETAIL 10-611

AND/OR 10-612

CALL OUT LOCKER SIZE AND TYPE ON PLANS AND

COORDINATE W/ SPEC

Standard Detail



LOCKER BASE

1 ½" = 1'-0"

END CONDITION

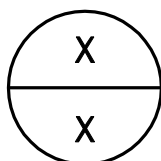
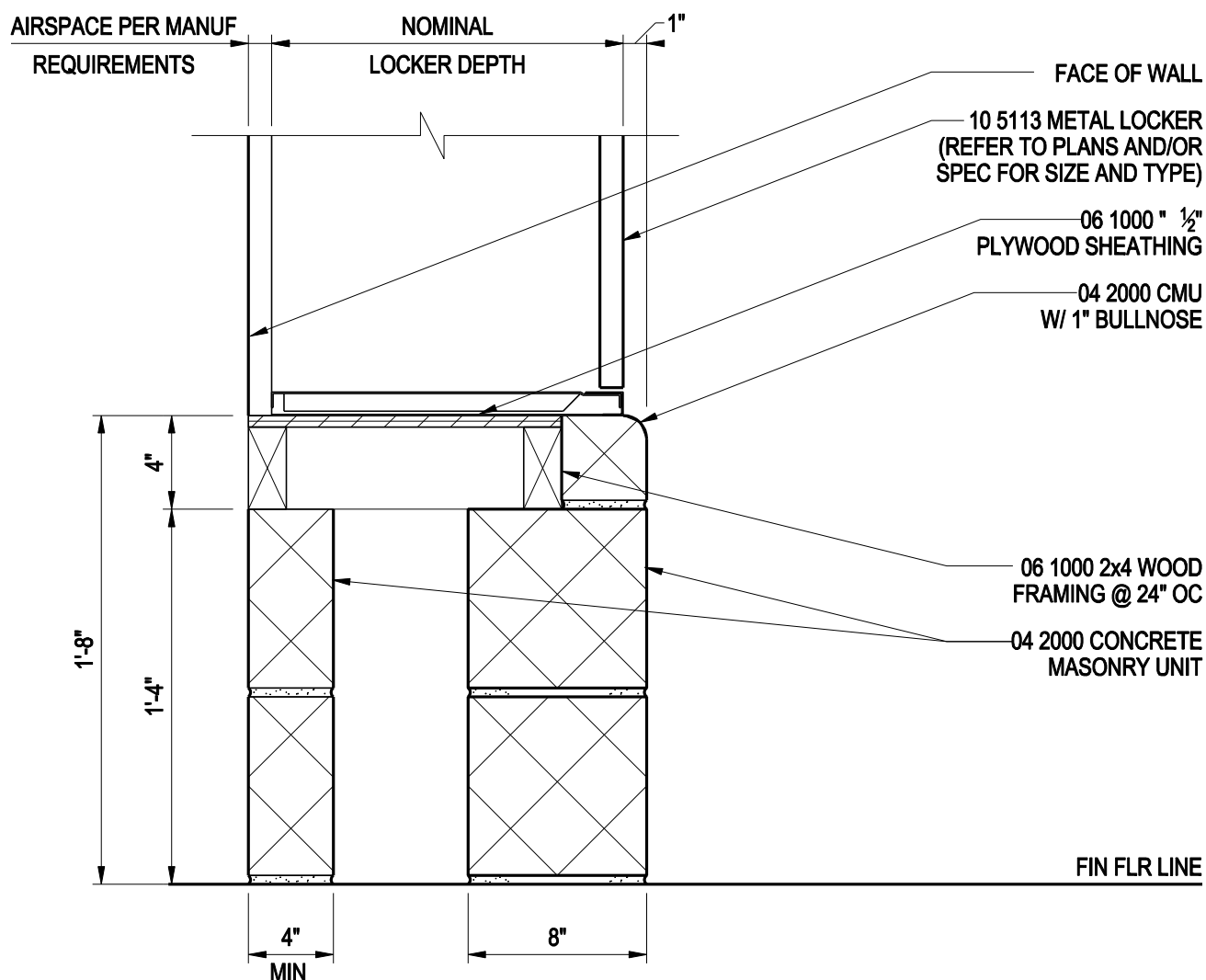
INCLUDE WITH STANDARD DETAIL 10-616

FOR EXPOSED END CONDITION (IF ANY)

CALL OUT LOCKER SIZE AND TYPE ON PLANS

AND COORDINATE W/SPEC

Standard Detail



LOCKER BASE

1 1/2" = 1'-0"

SINGLE LOCKER ROW

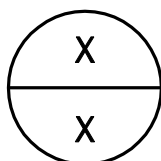
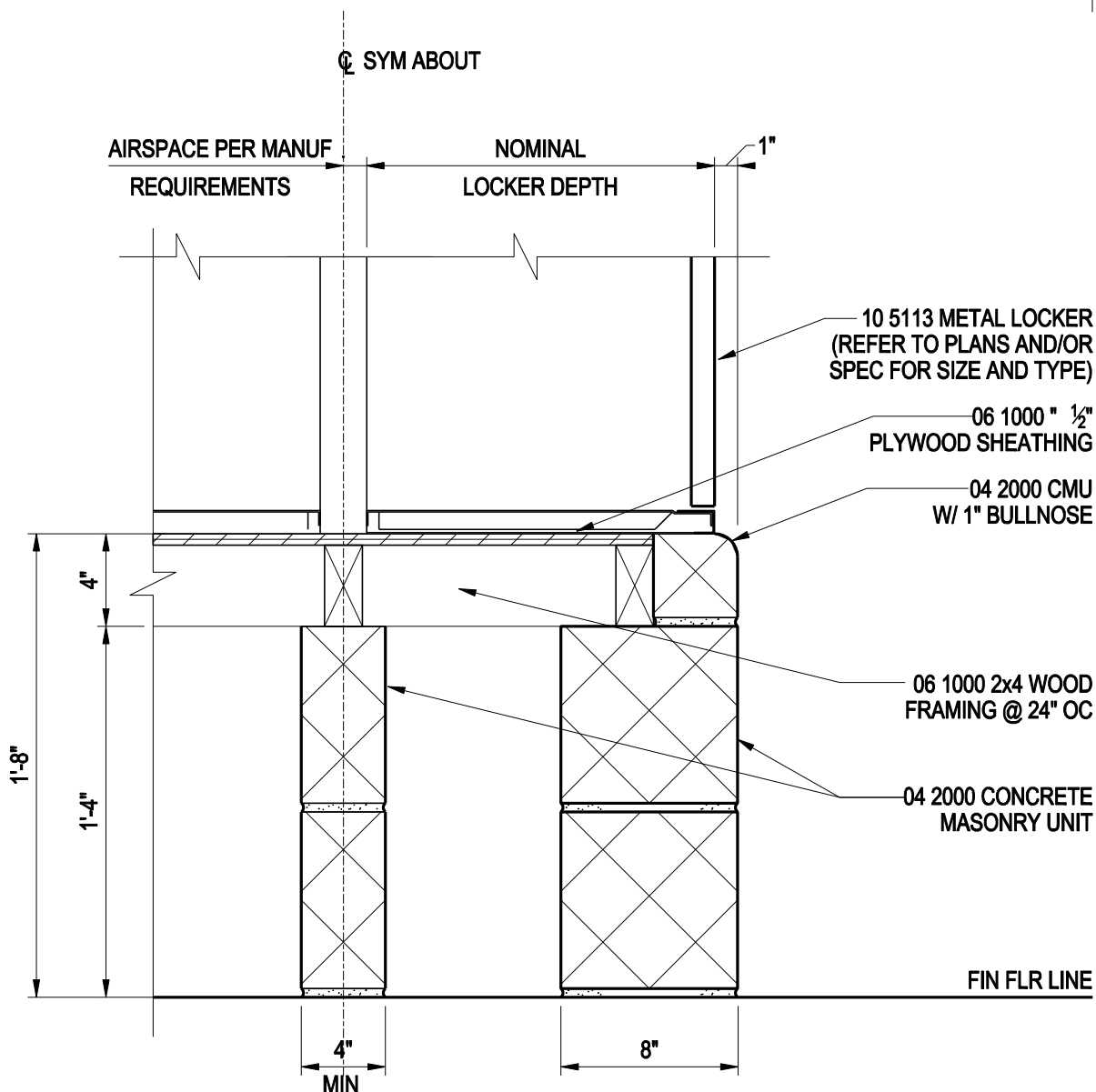
INCLUDE WITH STANDARD DETAIL 10-616

FOR EXPOSED END CONDITION (IF ANY)

CALL OUT LOCKER SIZE AND TYPE ON PLANS

AND COORDINATE W/SPEC

Standard Detail



LOCKER BASE

1 1/2" = 1'-0"

DOUBLE LOCKER ROW

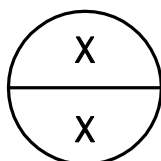
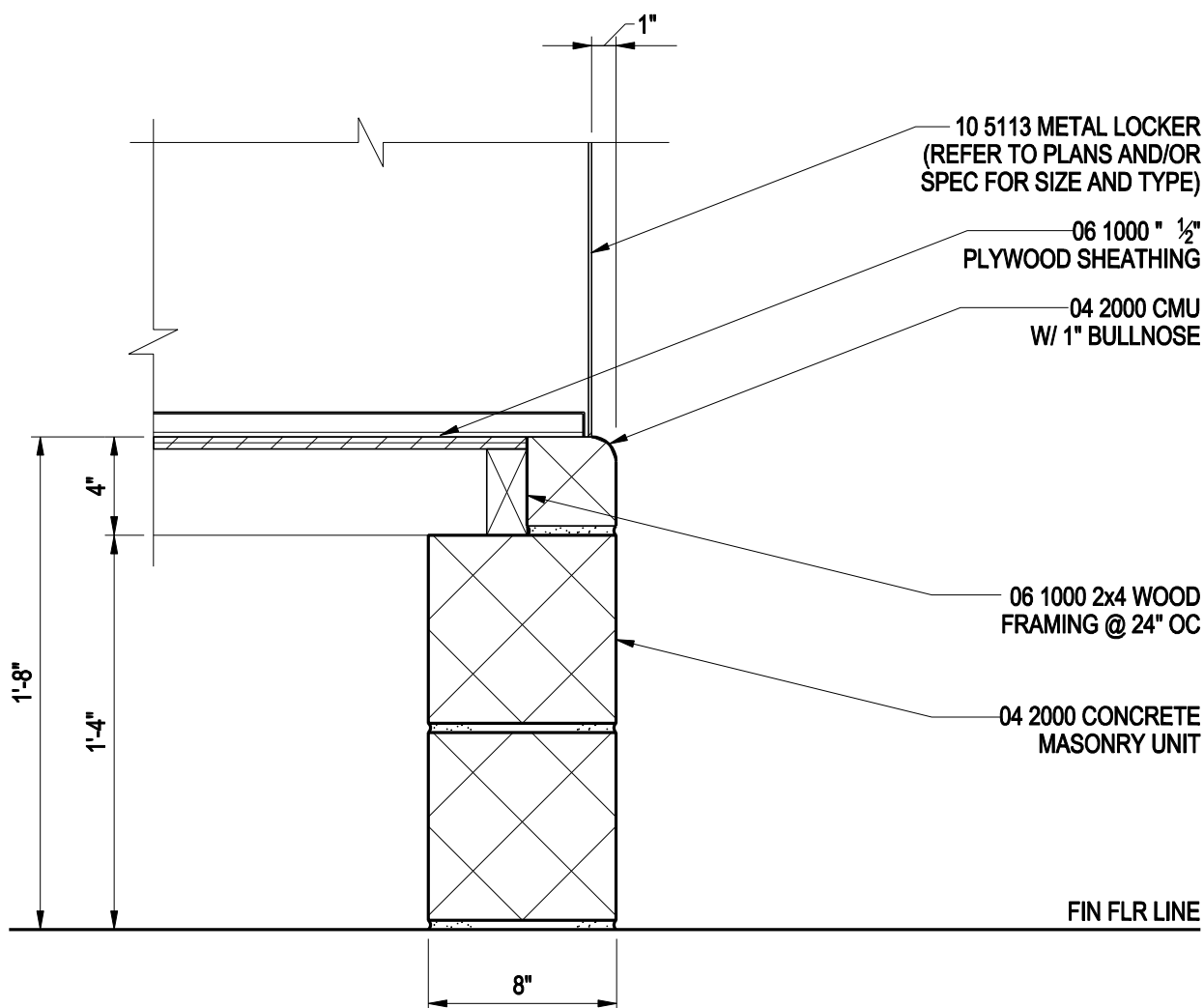
INCLUDE W/ STANDARD DETAILS 10-614 AND/OR

10-615 IF CONDITION EXISTS

CALL OUT LOCKER SIZE AND TYPE ON PLANS AND

COORDINATE W/ SPEC

Standard Detail



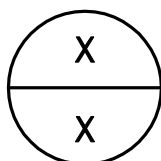
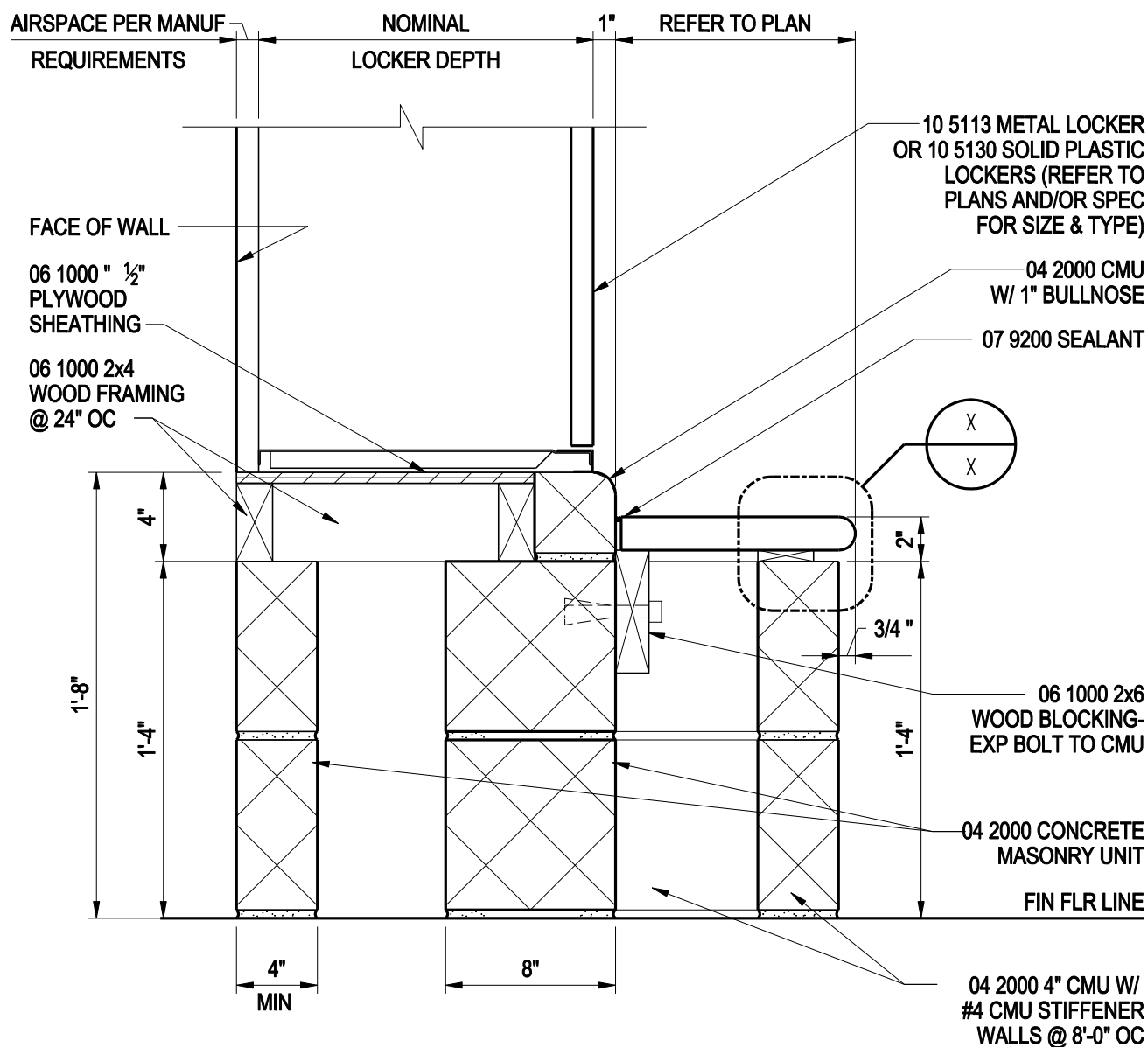
LOCKER BASE

1 1/2" = 1'-0"

END CONDITION

REQUIRES END WALL TO TERMINATE LOCKER AND BENCH
 CALL OUT LOCKER SIZE AND TYPE ON PLANS AND
 COORDINATE W/ SPEC. REFERENCE AND INCLUDE BENCH
 DETAIL 10-631 OR 10632 AS APPLICABLE

Standard Detail

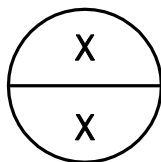


LOCKER BASE WITH BENCH

1 1/2" = 1'-0"

SINGLE LOCKER ROW

Standard Detail


$$1\frac{1}{2}'' = 1'-0''$$

DOUBLE LOCKER ROW

Notes / Instructions
REQUIRED WITHIN DRESSING, FITTING OR LOCKER ROOMS.

WIDTH = 20" MIN, 24" MAX

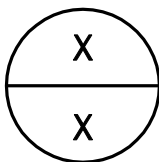
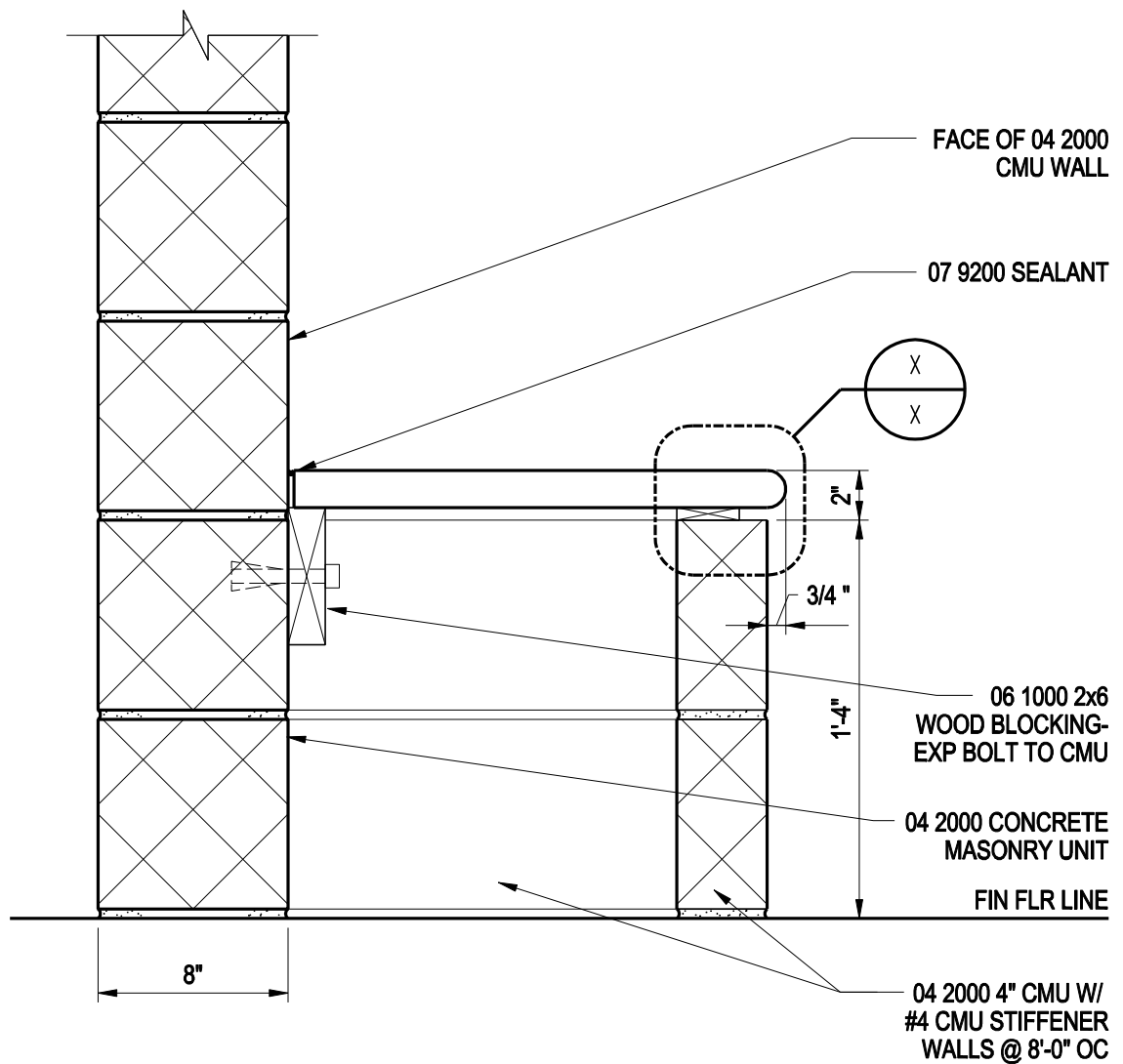
LENGTH = 42" MIN

HEIGHT = 17" MIN, 19" MAX

(FIXED TO WALL ALONG THE LONGER DIMENSION)

REFERENCE & INCLUDE BENCH DETAIL 10-631 OR 10-632

Standard Detail



BARRIER FREE BENCH

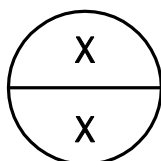
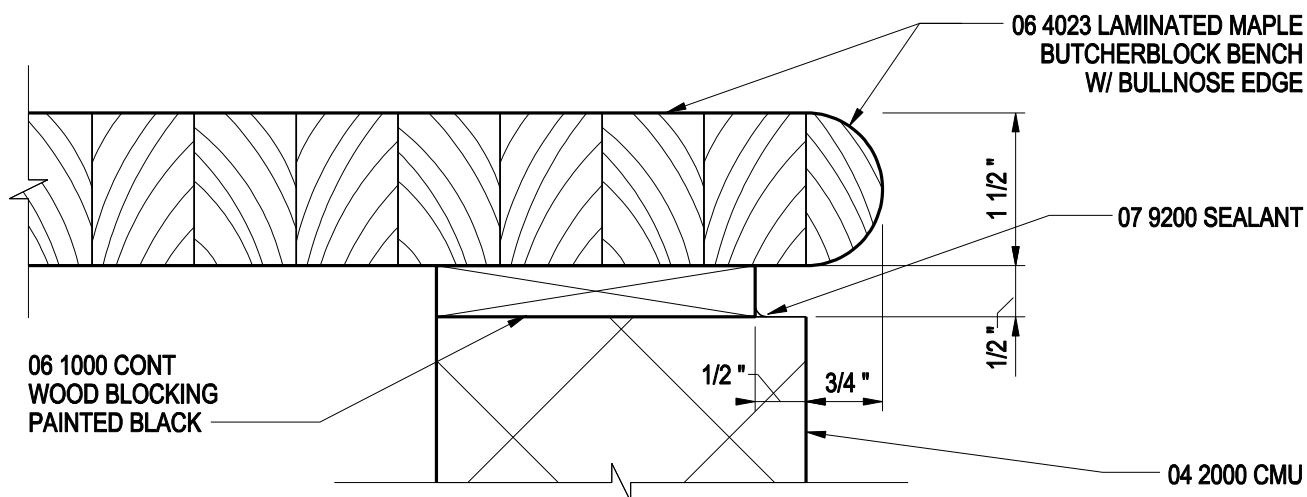
1 1/2" = 1'-0"

INCLUDE AND REFERENCE TO STANDARD DETAILS

10-621, 10-622, AND/OR 10-623.

DO NOT USE AT WET LOCATIONS

Standard Detail



BENCH DETAIL

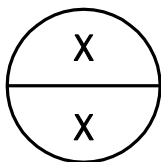
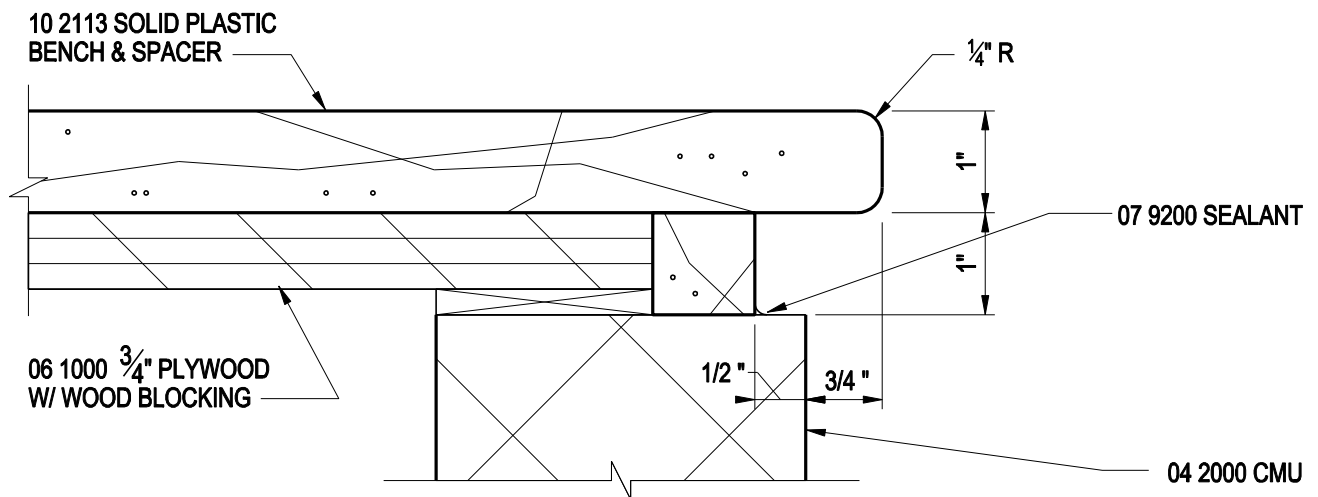
6" = 1'-0"

INCLUDE AND REFERENCE TO STANDARD DETAILS

10-621, 10-622, AND/OR 10-623.

IDEAL FOR WET LOCATIONS

Standard Detail

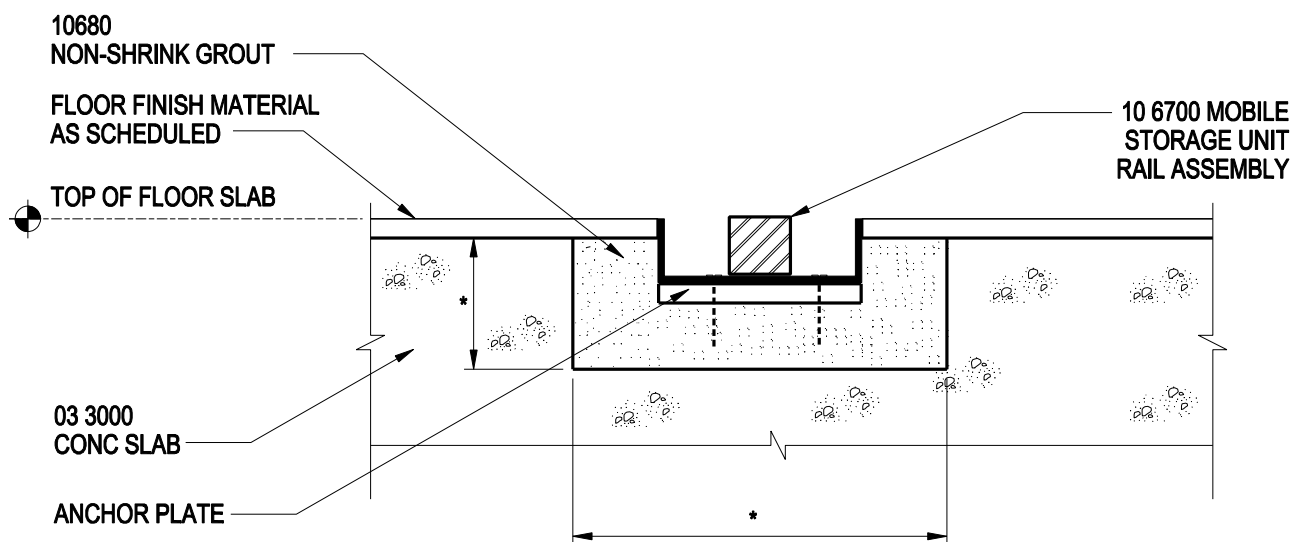


BENCH DETAIL

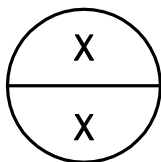
6" = 1'-0"

COORDINATE FLOOR LOADING REQUIREMENTS
WITH STRUCTURAL

Standard Detail



* BLOCK-OUT PER MANUFACTURERS REQUIREMENTS



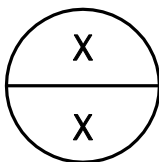
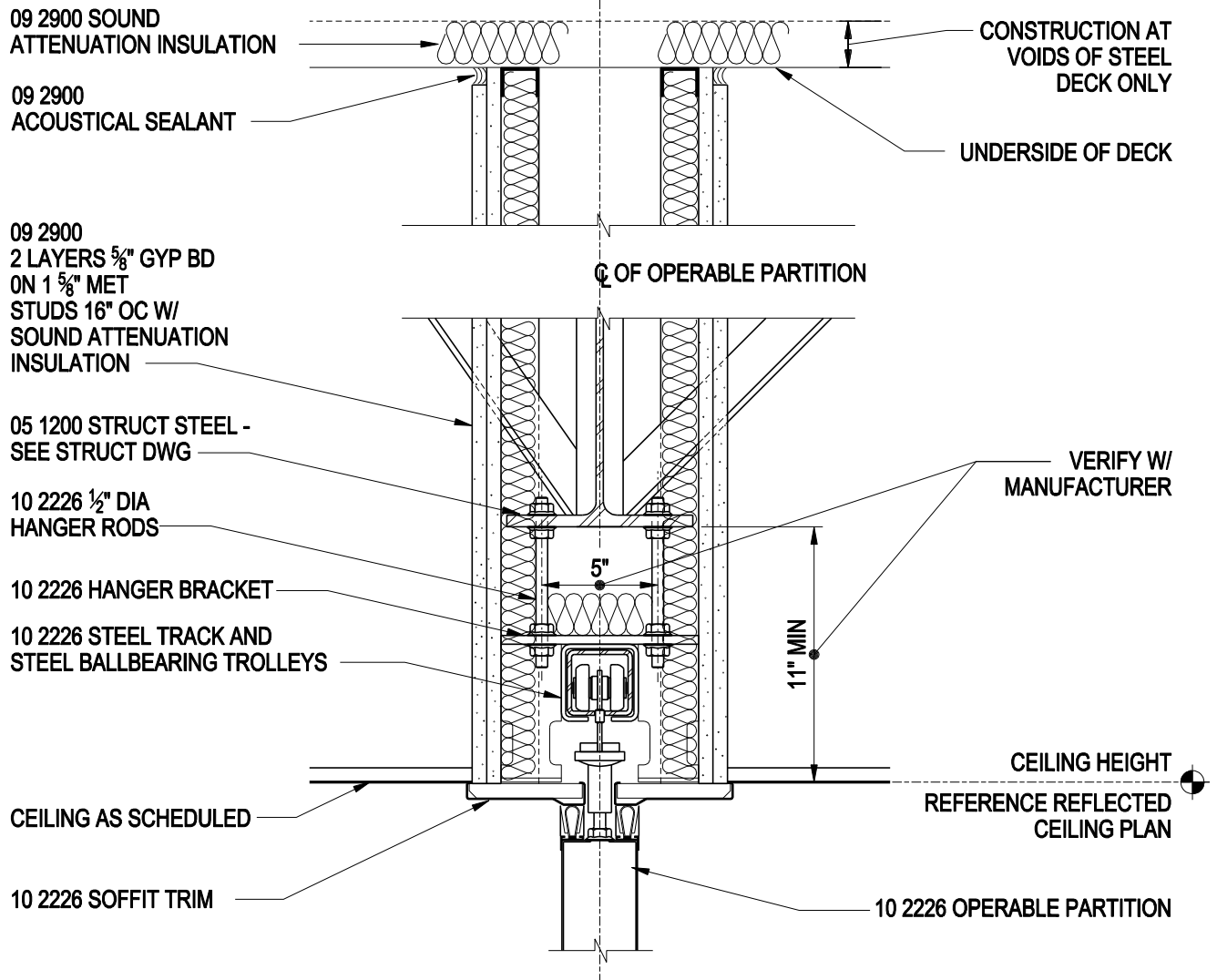
MOBILE STORAGE UNIT RAIL

1 1/2" = 1'-0"

MODERNFOLD #14 TRACK SYSTEM & ACOUSTI-SEAL 900 SERIES
OPERABLE PARTITION

VERIFY STRUCTURAL STEEL SUPPORT AND MODIFY AS REQ'D

Standard Detail



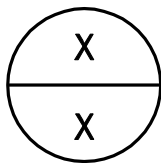
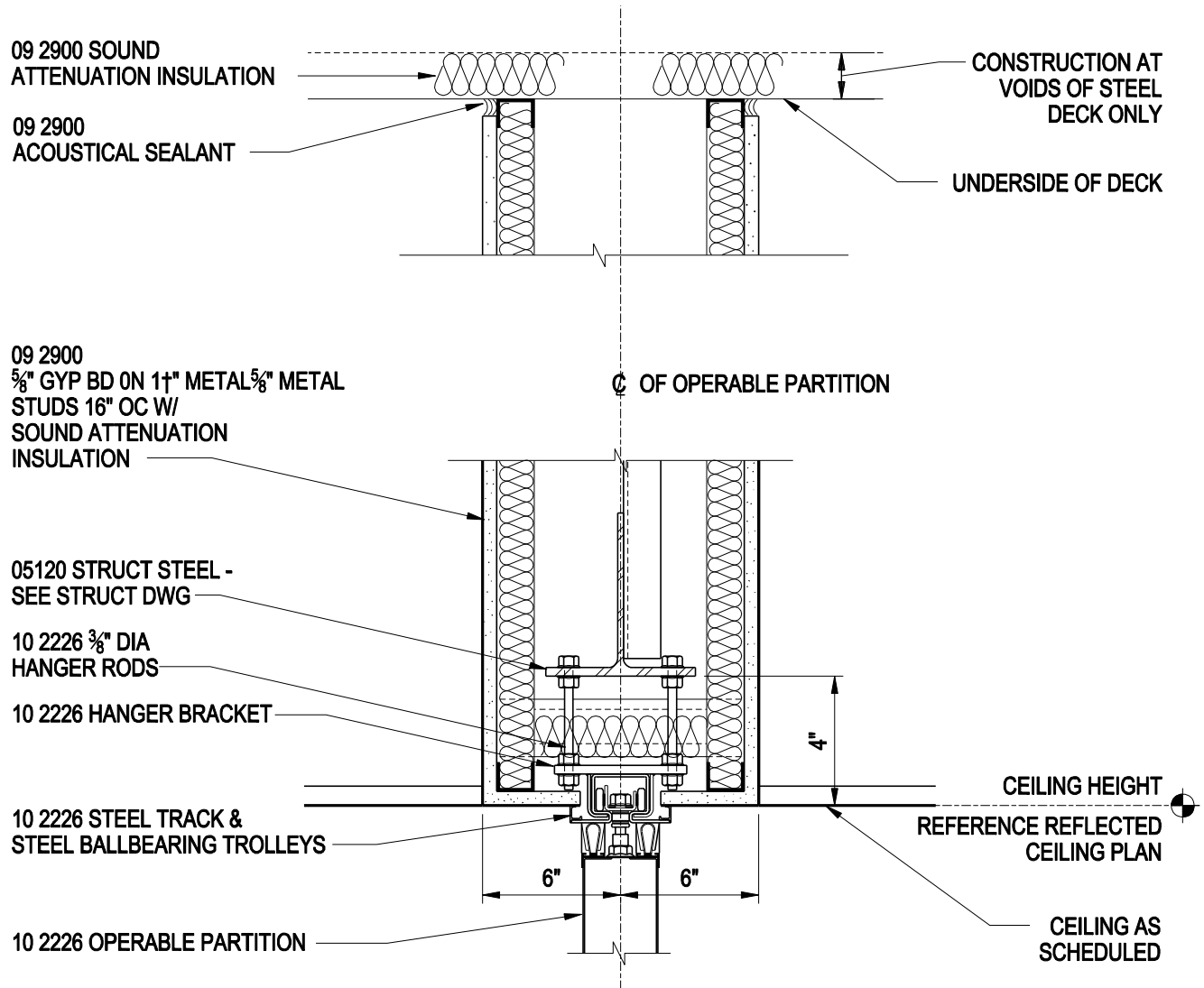
HEAD DETAIL OPERABLE PARTITION

1 1/2" = 1'-0"

MODERNFOLD #17 TRACK SYSTEM W/ DROPPED SOFFIT TRIM &
ACOUSTI-SEAL 900 SERIES OPERABLE PARTITION

VERIFY STRUCTURAL STEEL SUPPORT AND MODIFY AS REQ'D

Standard Detail



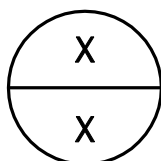
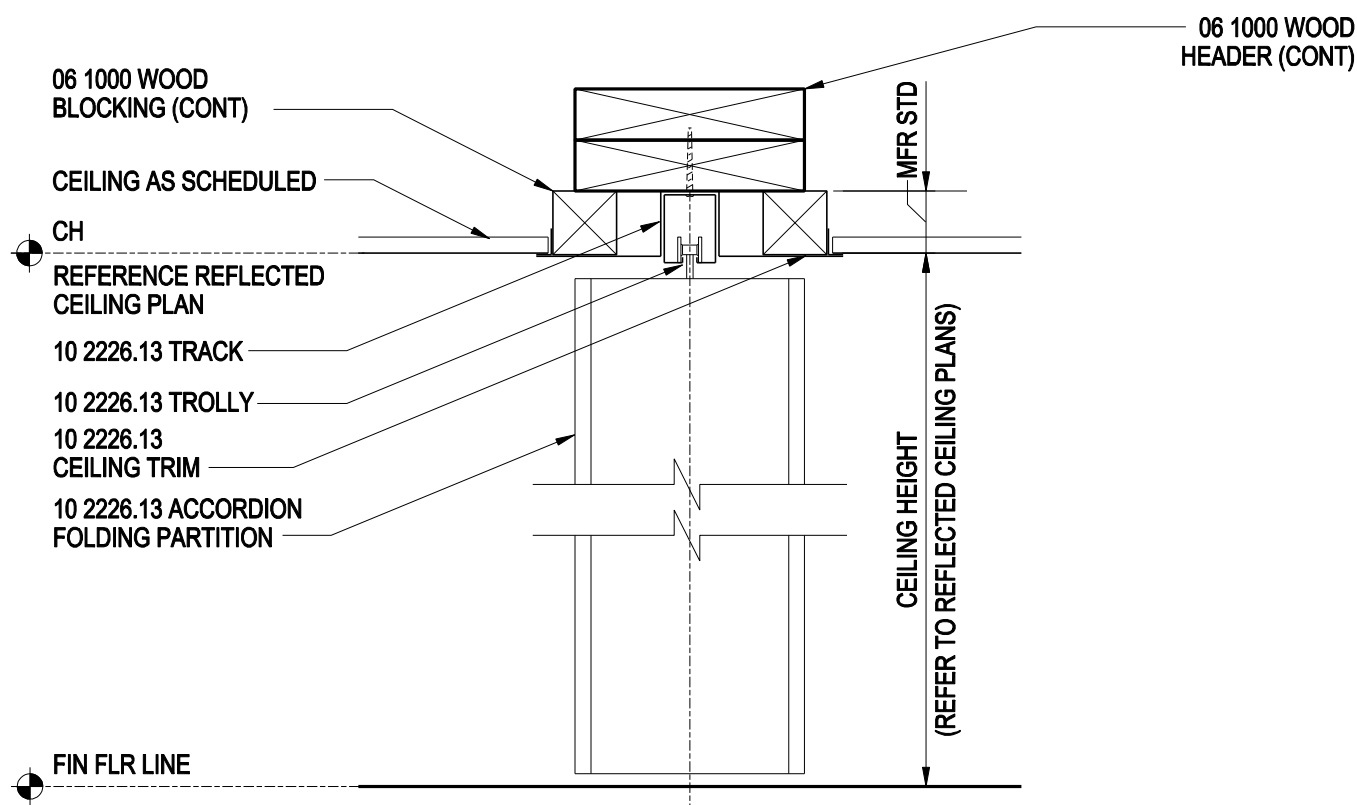
HEAD DETAIL OPERABLE PARTITION

1 1/2" = 1'-0"

CONFIRM LIVE LOAD DEFLECTION AND SUPPORT WITH
STRUCTURAL

DRAW AND NOMENCLATE SUPPORTING CONSTRUCTION
AND SOUND BARRIER ABOVE CEILING (IF REQUIRED)

Standard Detail

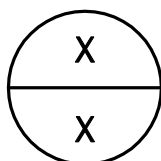
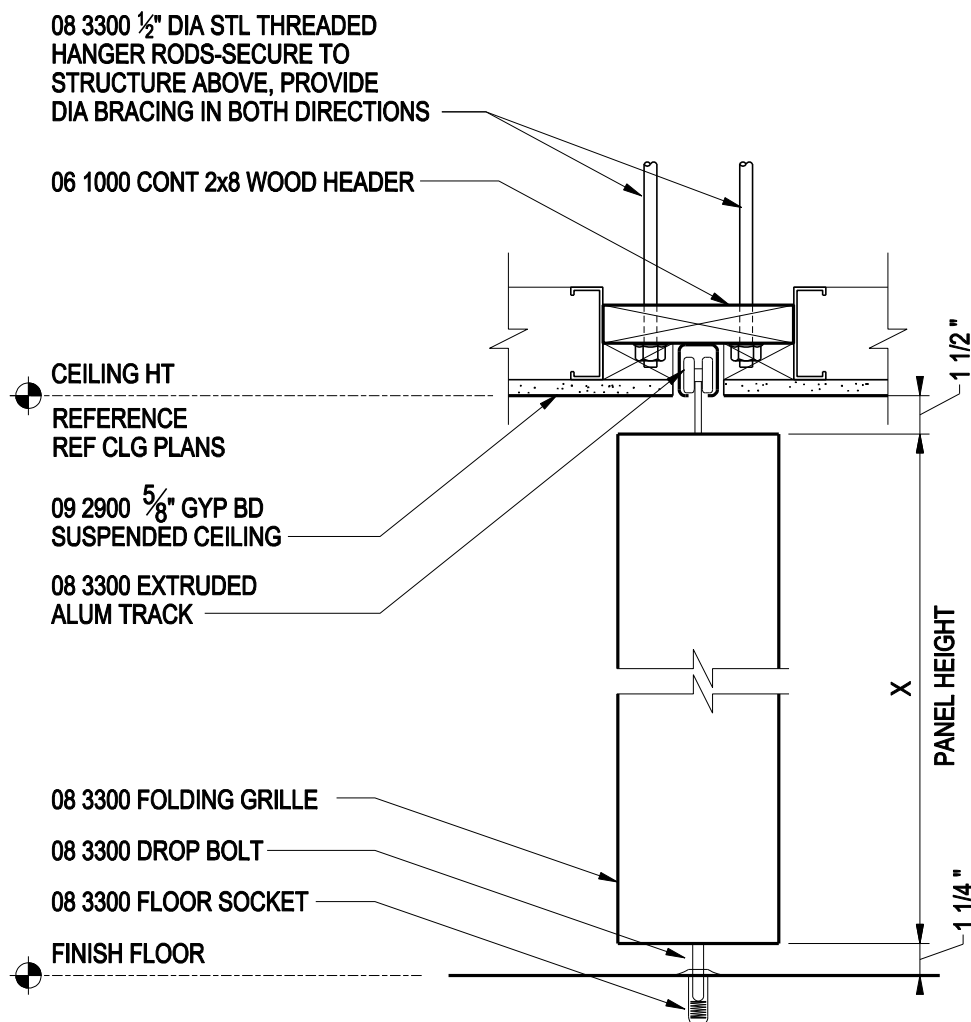


ACCORDION FOLDING PARTITION

1 1/2" = 1'-0"

COORDINATE STRUCTURAL SUPPORT FRAMING WITH
STRUCTURAL
(NOT PROVIDED BY GRILLE MANUF)

Standard Detail

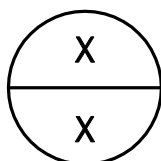
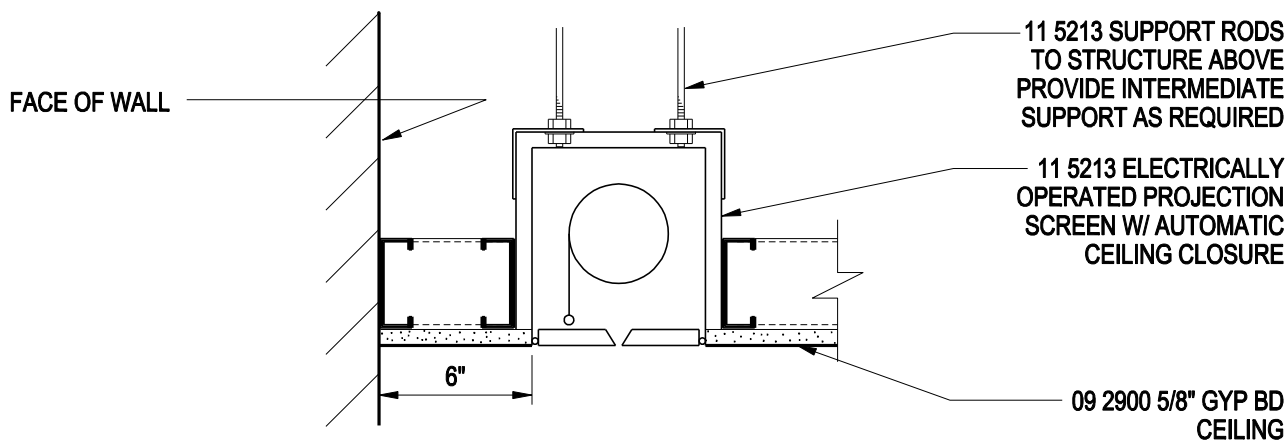


SIDE FOLDING GRILLE

1 1/2" = 1'-0"

SHOW ON REFLECTED CEILING PLANS

Standard Detail



PROJECTION SCREEN

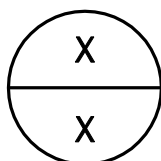
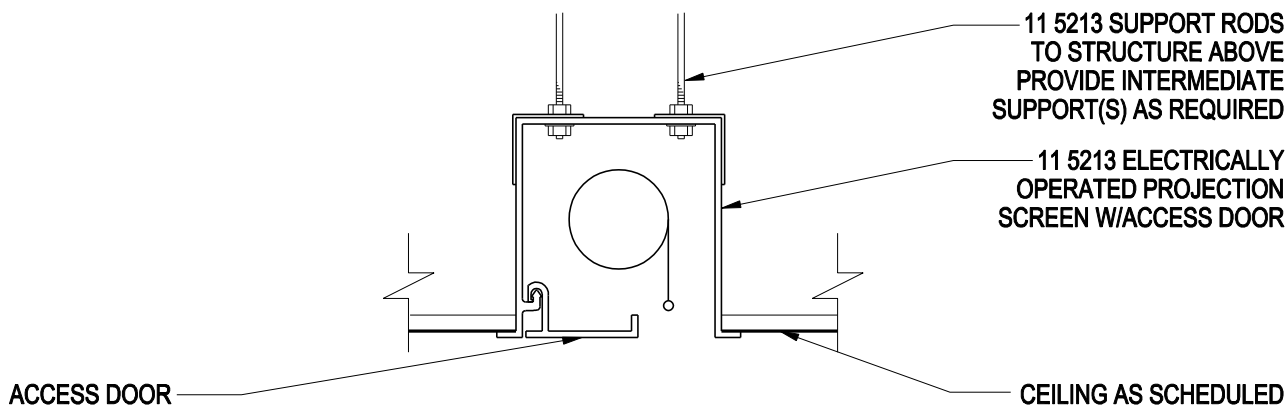
1 1/2" = 1'-0"

SHOW ON REFLECTED CEILING PLANS

ADVANTAGE ELECTROL BY DALITE OR

ACCESS SERIES 'E' BY DRAPER

Standard Detail

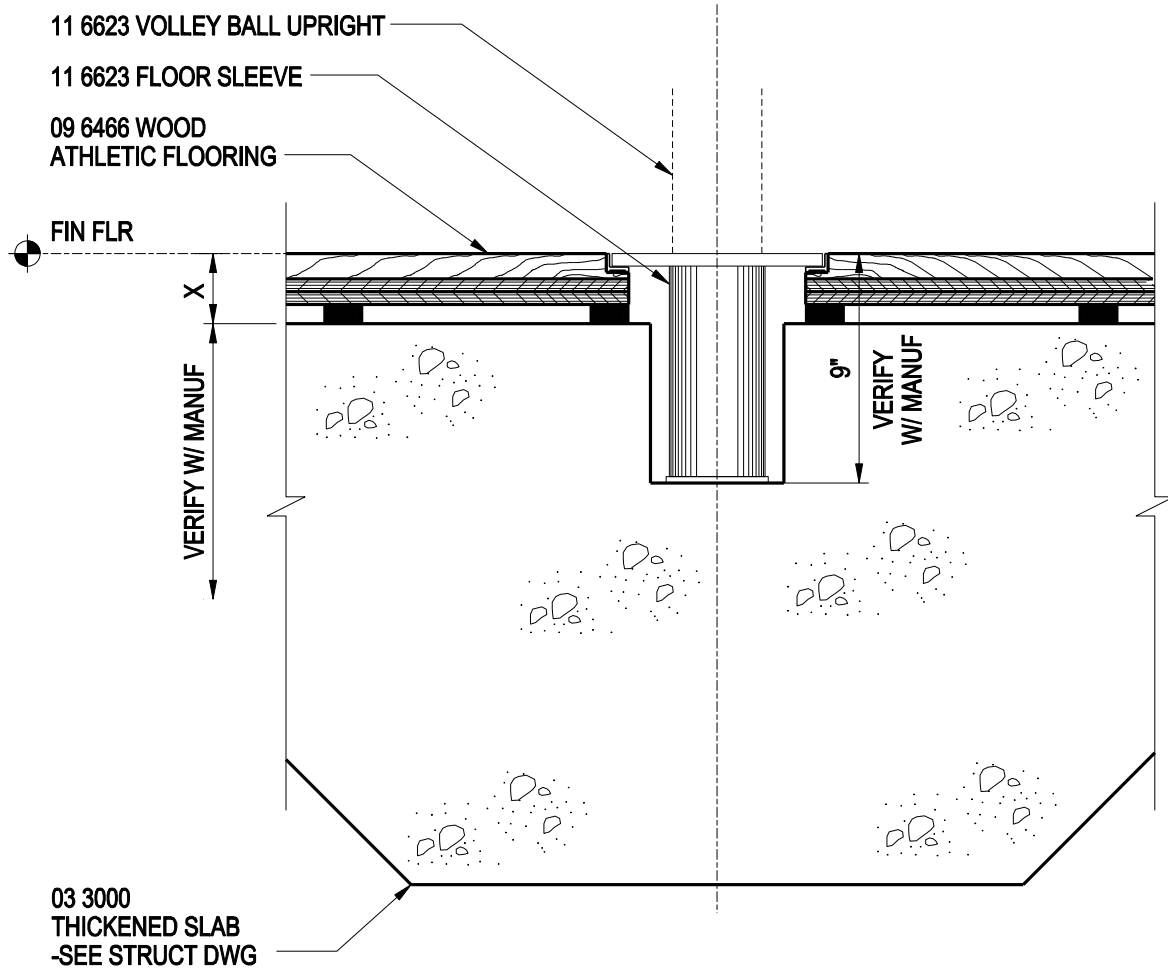


CEILING MTD PROJECTION SCREEN

1 1/2" = 1'-0"

CUT DETAIL ON FLOOR PLANS. FILL-IN WOOD FLOOR
DEPRESSION DEPTH AND COORDINATE W/ STRUCTURAL

Standard Detail



X

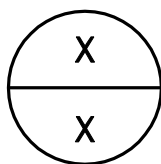
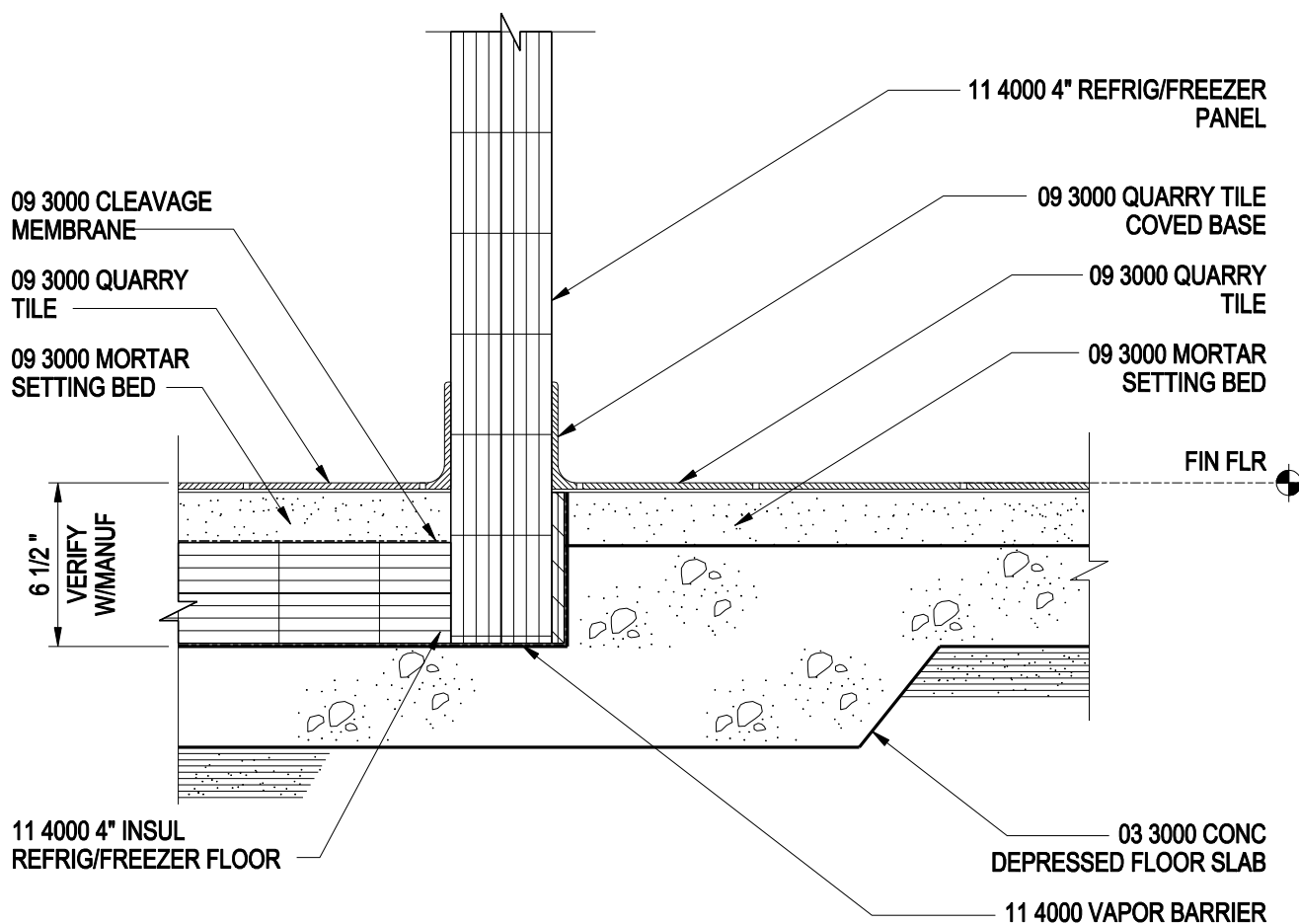
X

FLOOR SLEEVE

1 1/2" = 1'-0"

VOLLEYBALL UPRIGHT

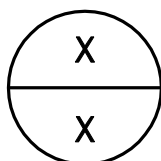
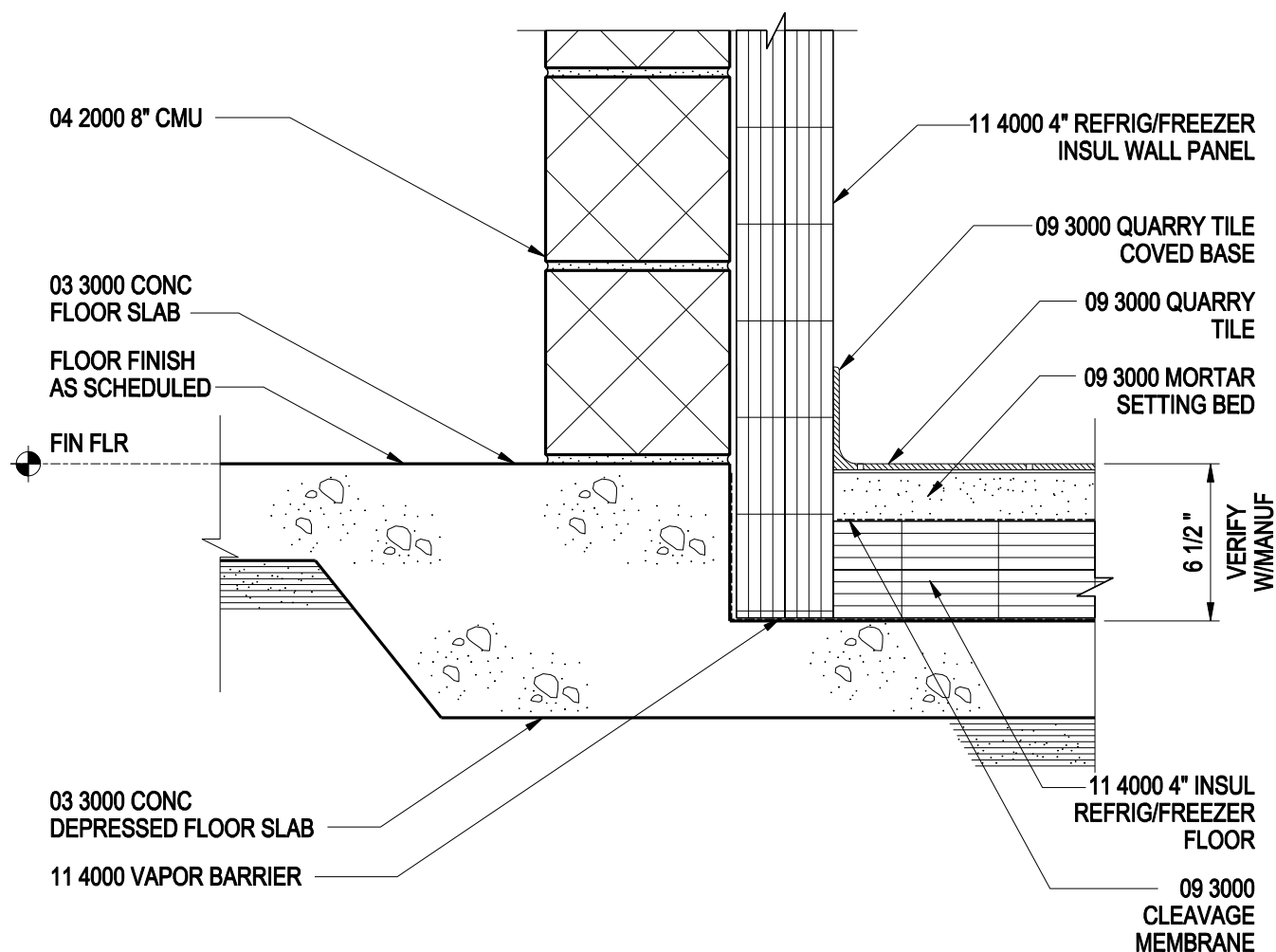
Standard Detail



REFRIGERATOR / FREEZER FLOOR

1 1/2" = 1'-0"

Standard Detail

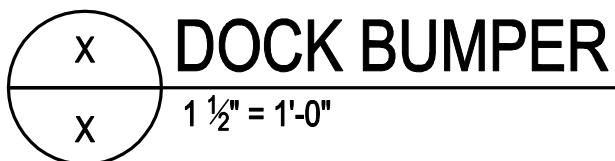
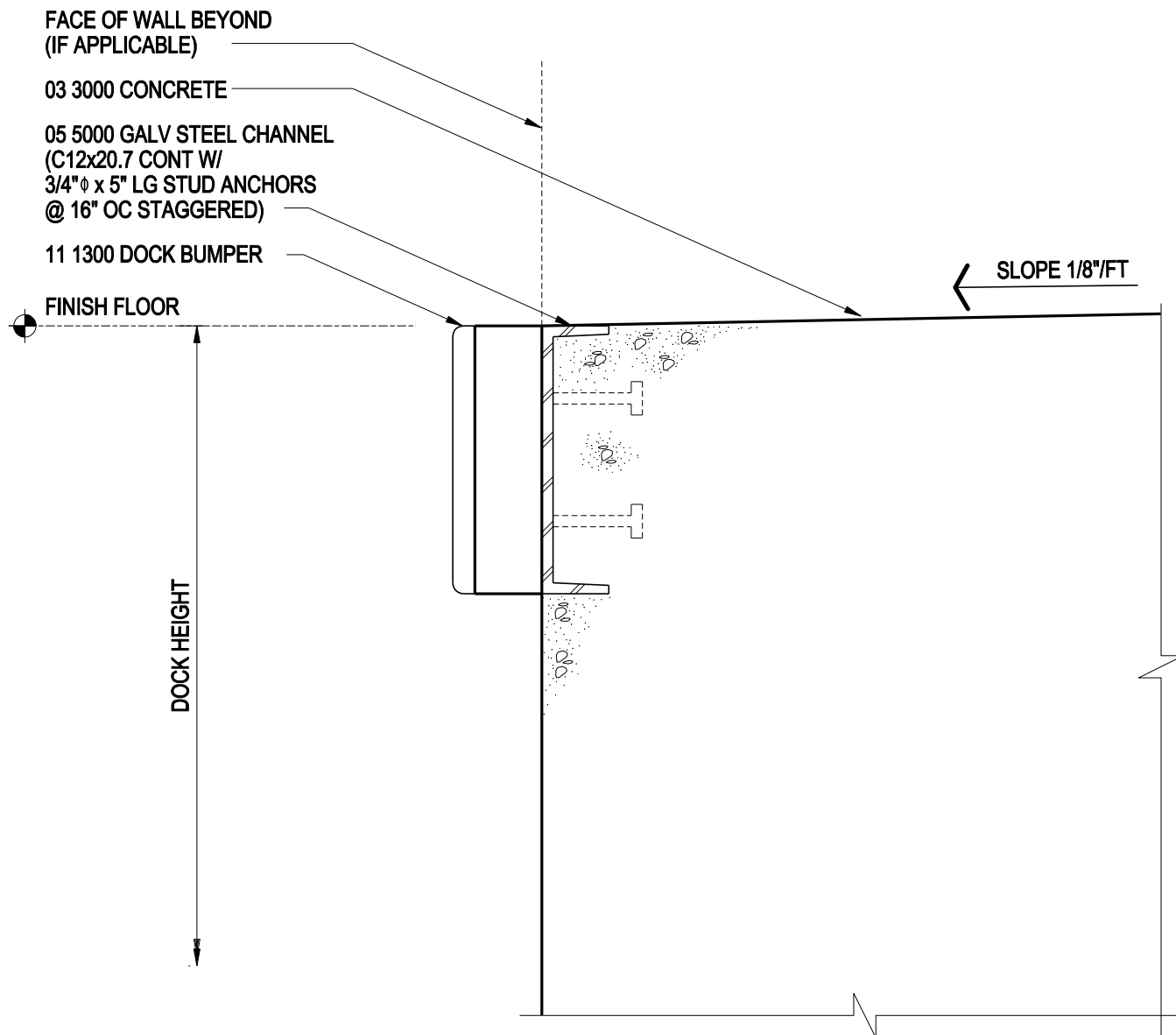


REFRIGERATOR / FREEZER FLOOR

1 1/2" = 1'-0"

INDICATE DOCK HEIGHT

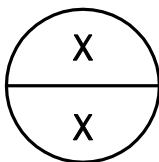
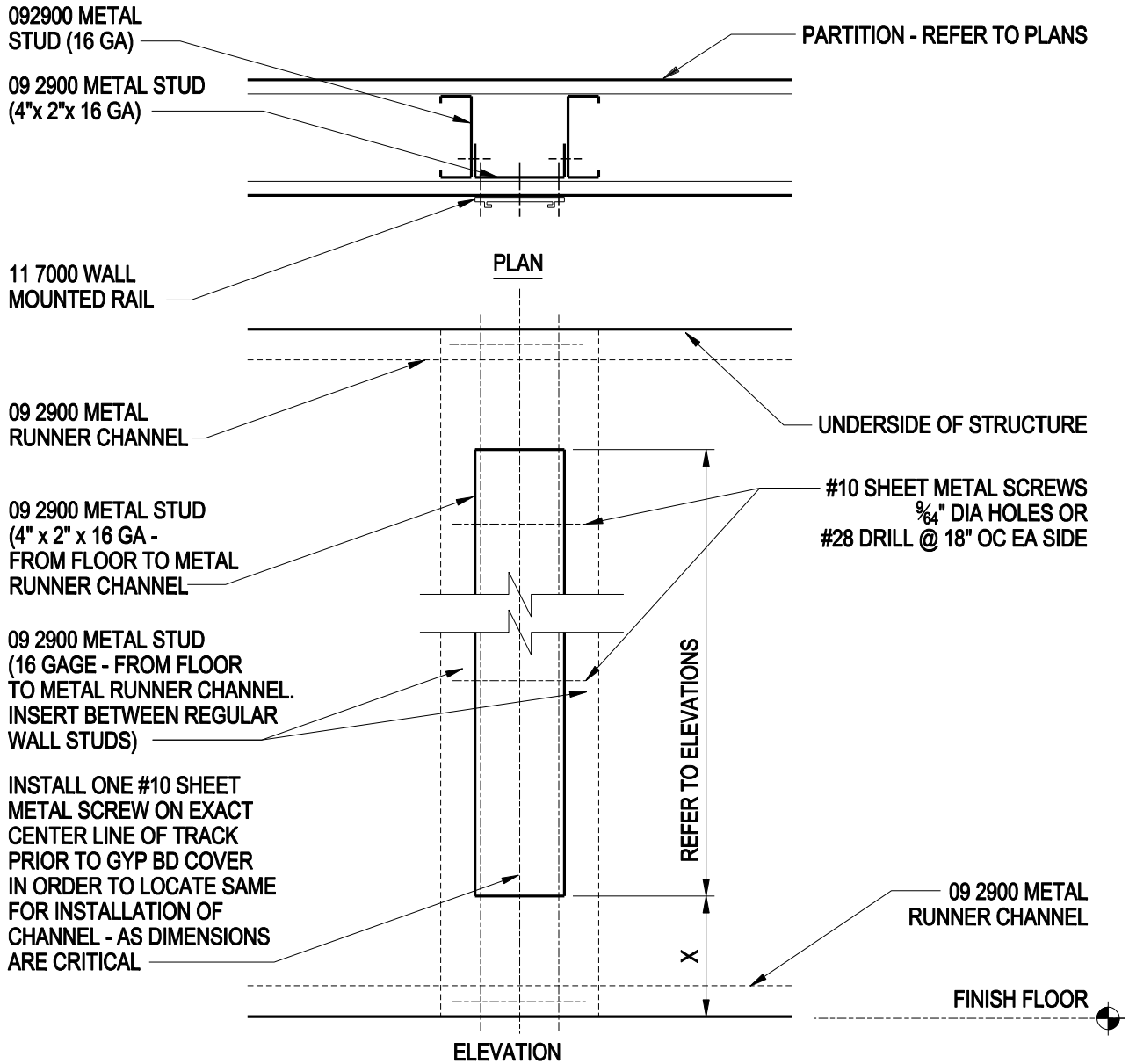
Standard Detail



USE AT METAL STUD PARTITIONS. INDICATE ON PLAN OR
ELEVATIONS AND INDICATE LENGTH AND MOUNTING HEIGHT
LOCATION OF 11700 WALL MOUNTED RAIL

UMH STANDARD

Standard Detail



WALL MOUNTED RAIL

MEDICAL EQUIPMENT

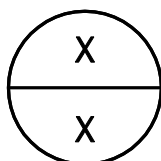
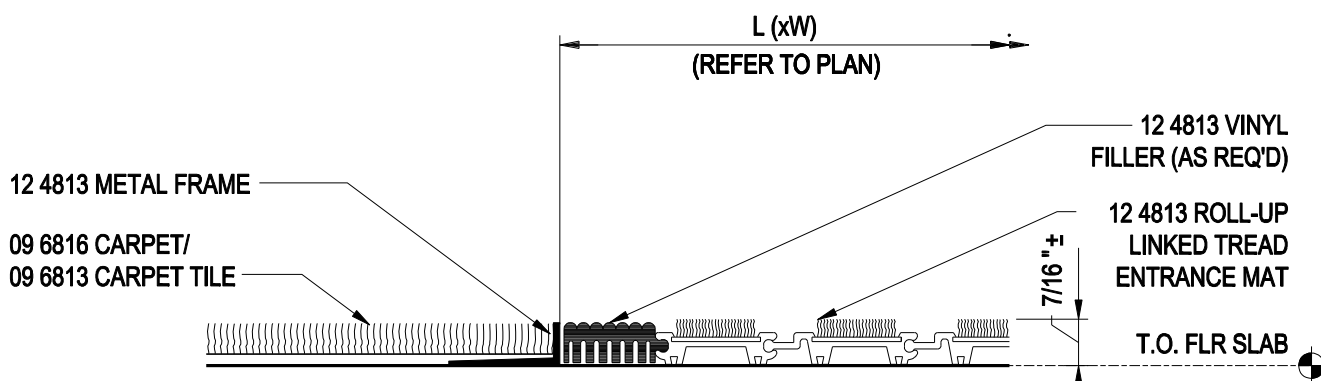
1 1/2" = 1'-0"

NON RECESSED

ROLL-UP TYPE ENTRANCE MAT

DIMENSION SIZE AND LOCATION ON PLAN

Standard Detail



ENTRANCE MAT FRAME

HALF SCALE

Notes / Instructions

Notes / Instructions

NON RECESSED

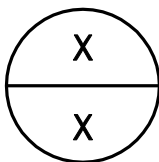
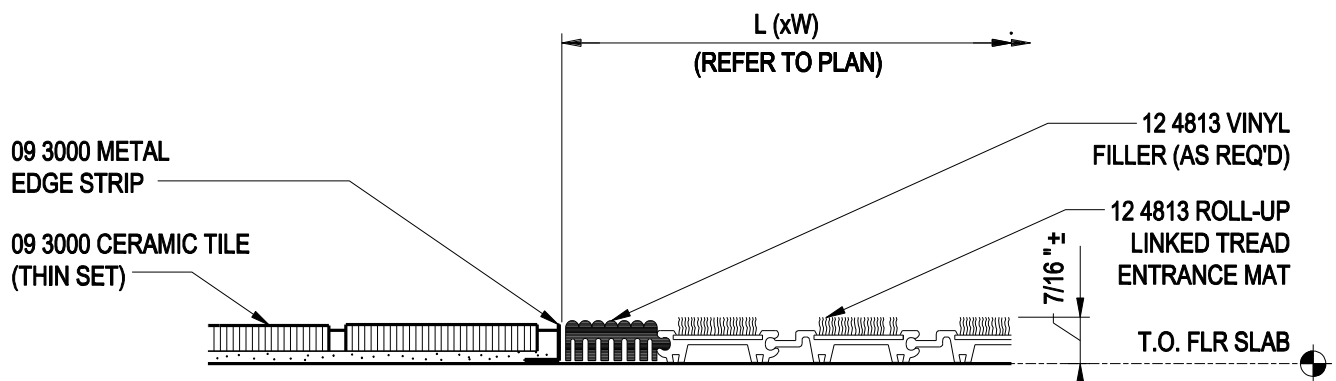
ROLL-UP TYPE ENTRANCE MAT

DIMENSION SIZE AND LOCATION ON PLAN



INTEGRATED design SOLUTIONS
architecture engineering interiors & technology

Standard Detail



ENTRANCE MAT FRAME

HALF SCALE

Cell Library

ARCH12.CEL

Cell Name

12602

Date

2019

Detail Number

12-602

Notes / Instructions

Notes / Instructions

NON RECESSED

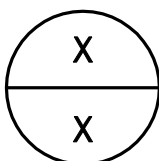
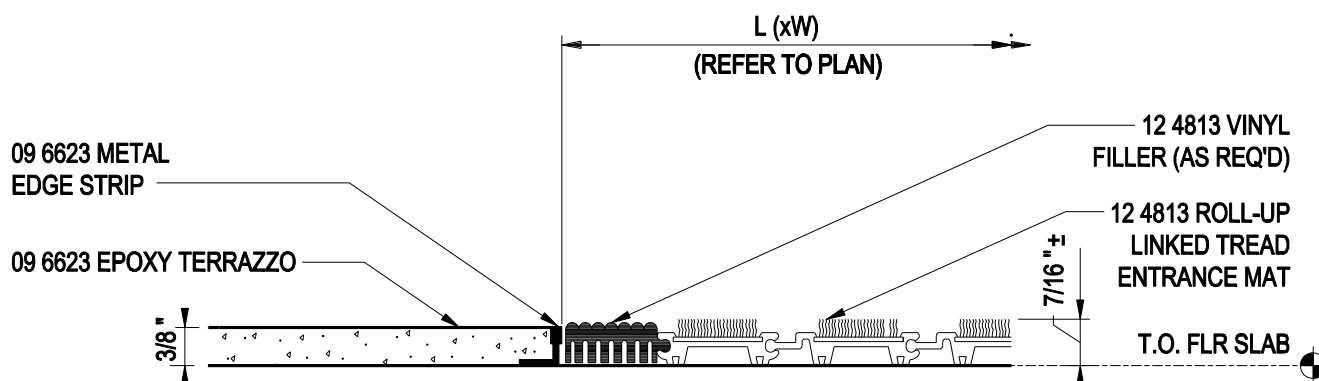
ROLL-UP TYPE ENTRANCE MAT

DIMENSION SIZE AND LOCATION ON PLAN

iD S

INTEGRATED design SOLUTIONS
architecture engineering interiors & technology

Standard Detail



ENTRANCE MAT FRAME

HALF SCALE

Cell Library

ARCH12.CEL

Cell Name

12603

Date

2019

Detail Number

12-603

Notes / Instructions

Notes / Instructions

NON RECESSED CARPET TYPE MAT

METAL TRANSITION STRIP: RENO (AETK 100)

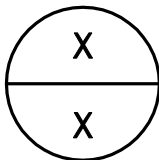
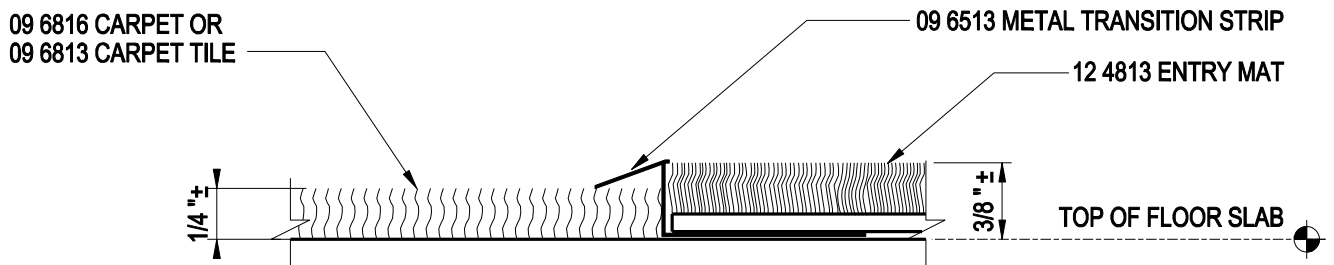
BY SCHLUTER SYSTEMS LP

CUT DETAIL ON FLOOR PLANS



INTEGRATED design SOLUTIONS
architecture engineering interiors & technology

Standard Detail



FLOOR TRANSITION

FULL SCALE

CARPET / ENTRY MAT

Cell Library

ARCH12.CEL

Cell Name

12611

Date

2019

Detail Number

12-611

Notes / Instructions

Notes / Instructions

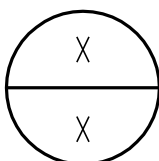
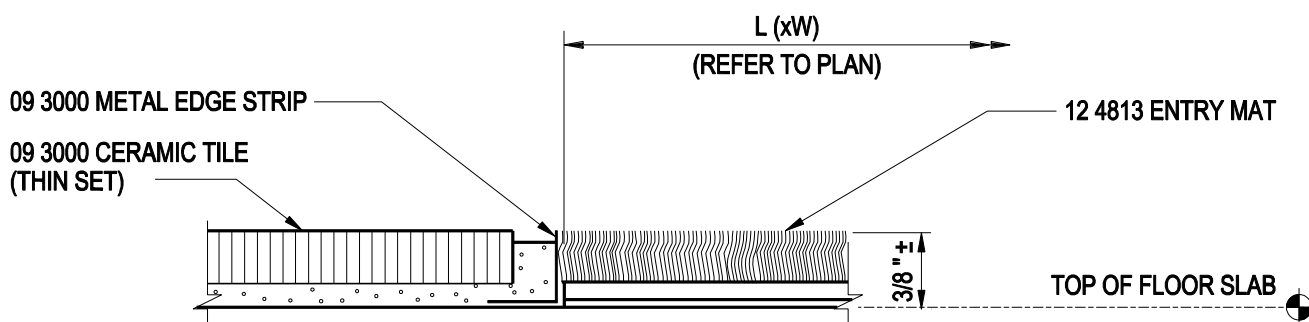
NON RECESSED CARPET TYPE MAT

CUT DETAIL ON FLOOR PLANS

iD S

INTEGRATED design SOLUTIONS
architecture engineering interiors & technology

Standard Detail



FLOOR TRANSITION

FULL SIZE

CERAMIC TILE / ENTRY MAT

Cell Library

ARCH12.CEL

Cell Name

12612

Date

2019

Detail Number

12-612

Notes / Instructions

Notes / Instructions

NON RECESSED CARPET TYPE MAT

METAL TRANSITION STRIP: RENO (AEU 100)

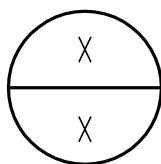
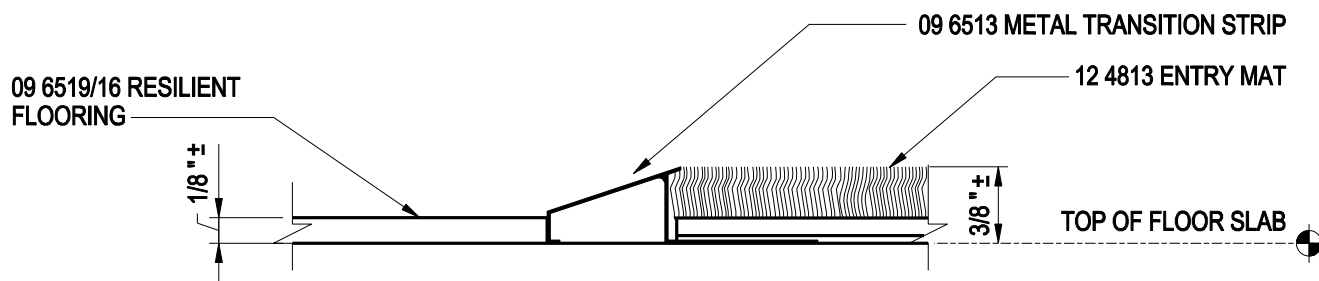
BY SCHLUTER SYSTEMS LP

CUT DETAIL ON FLOOR PLANS



INTEGRATED design SOLUTIONS
architecture engineering interiors & technology

Standard Detail



FLOOR TRANSITION

FULL SIZE

RESILIENT / ENTRY MAT

Cell Library

ARCH12.CEL

Cell Name

12613

Date

2019

Detail Number

12-613

INCLUDE STEEL LADDER DETAIL 05-101 AND ADD
DETAIL REFERENCE TO LADDER NOTE

Standard Detail

NOTE:
ALL STEEL TO BE
GALVANIZED

FIN FLR LINE
LOWEST FLOOR

SEPARATOR BEAM
(WHERE APPLICABLE)

05 5000 ELEVATOR SUMP
GRATE AND FRAME
(LOCATE AT FRONT
CORNER OF PIT OPPOSITE
LADDER-1 PER PIT)

FIN FLR LINE
PIT

03 3000 CONCRETE

22 0000 SUMP - REFER
TO MECHANICAL DRAWINGS

FACE OF ELEVATOR
HOISTWAY OR SEPARATOR
BEAM (WHERE APPLICABLE)

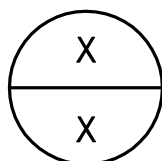
05 5000 STEEL LADDER
(REFER TO DETAIL X/AX.X
COORDINATE LOCATION
WITH ELEVATOR MFR)

FACE OF PIT WALL

PIT DEPTH
(SEE SECTIONS)

1'-6"
TYP

30"

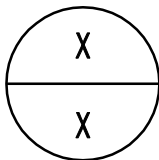
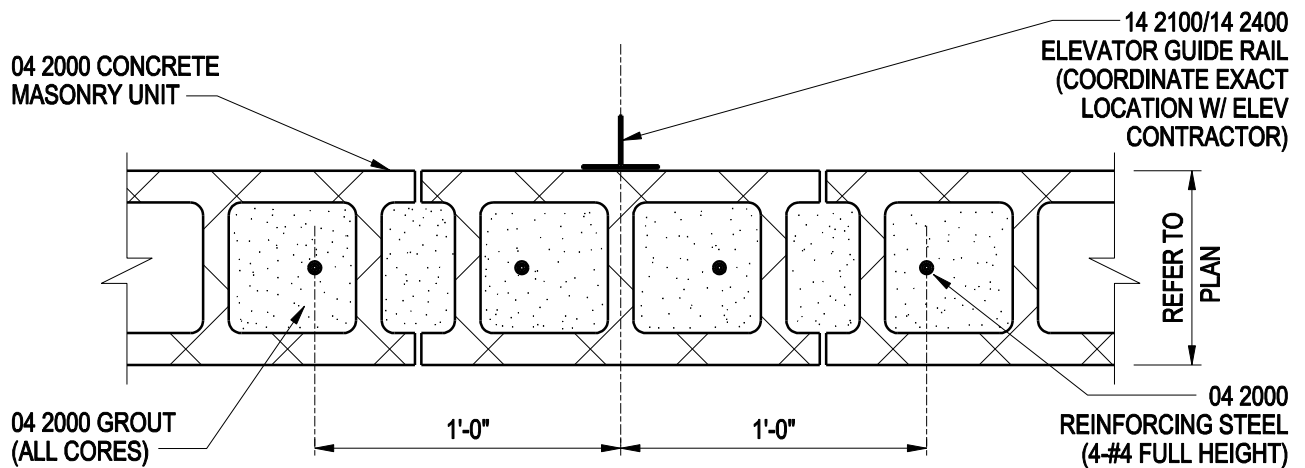


ELEVATOR LADDER AND SUMP

3/4" = 1'-0"

VERIFY WALL REINFORCEMENT WITH STRUCTURAL AND
ELEVATOR REQUIREMENTS

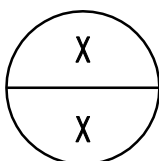
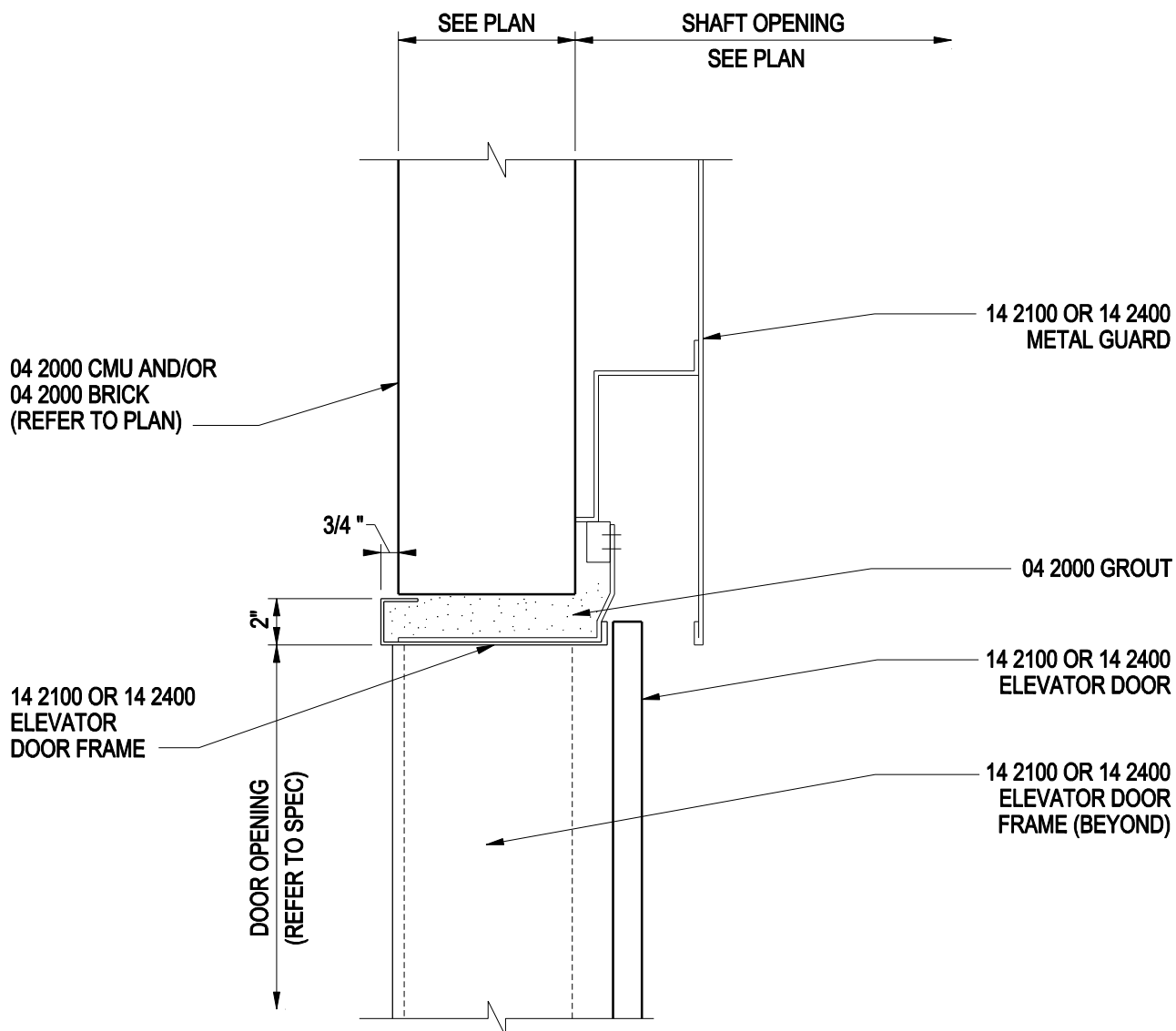
Standard Detail



ELEVATOR GUIDE RAIL PLAN

1 1/2" = 1'-0"

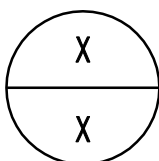
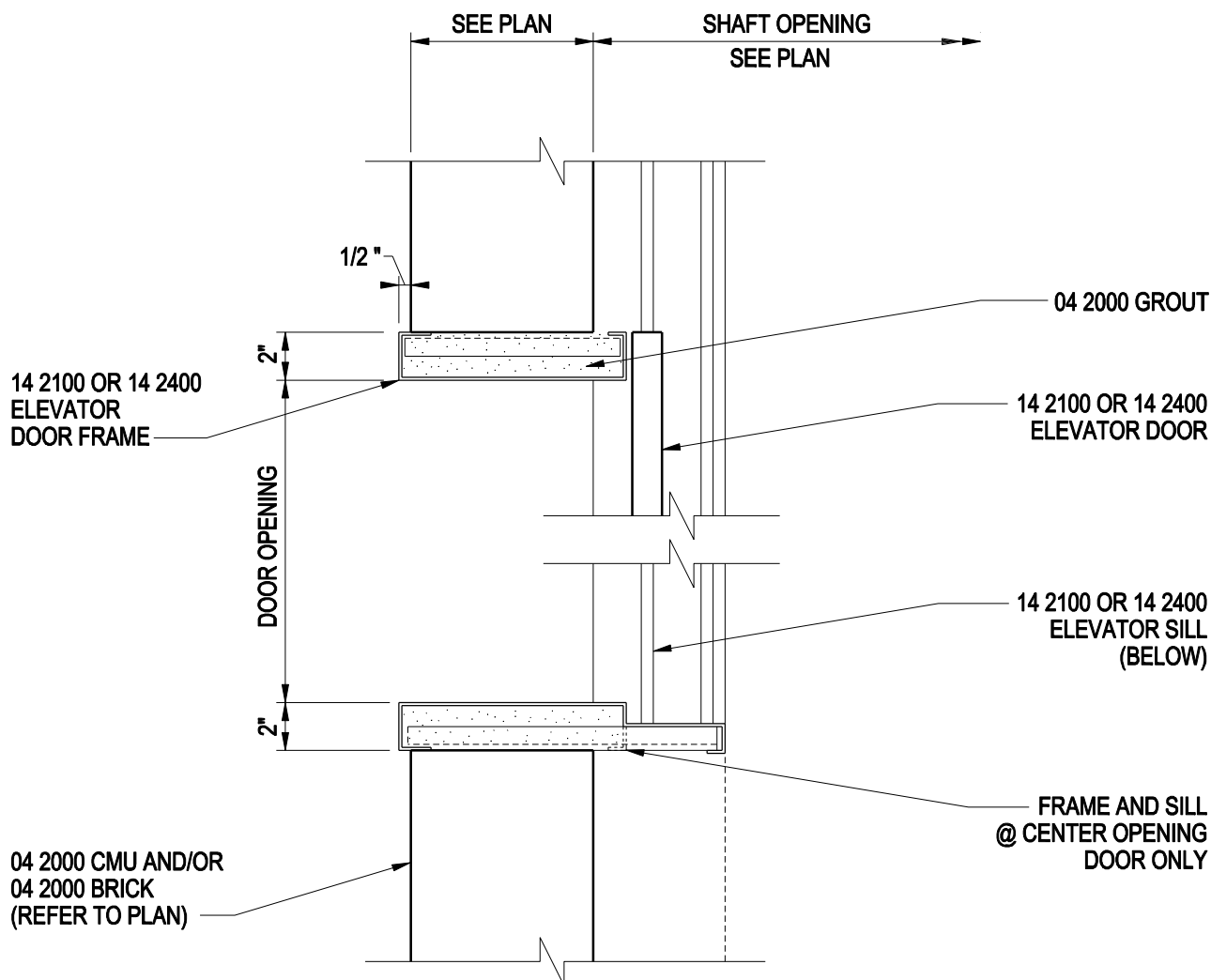
Standard Detail



ELEVATOR ENTRANCE HEAD

1 1/2" = 1'-0"

Standard Detail



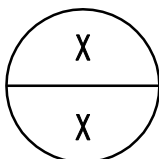
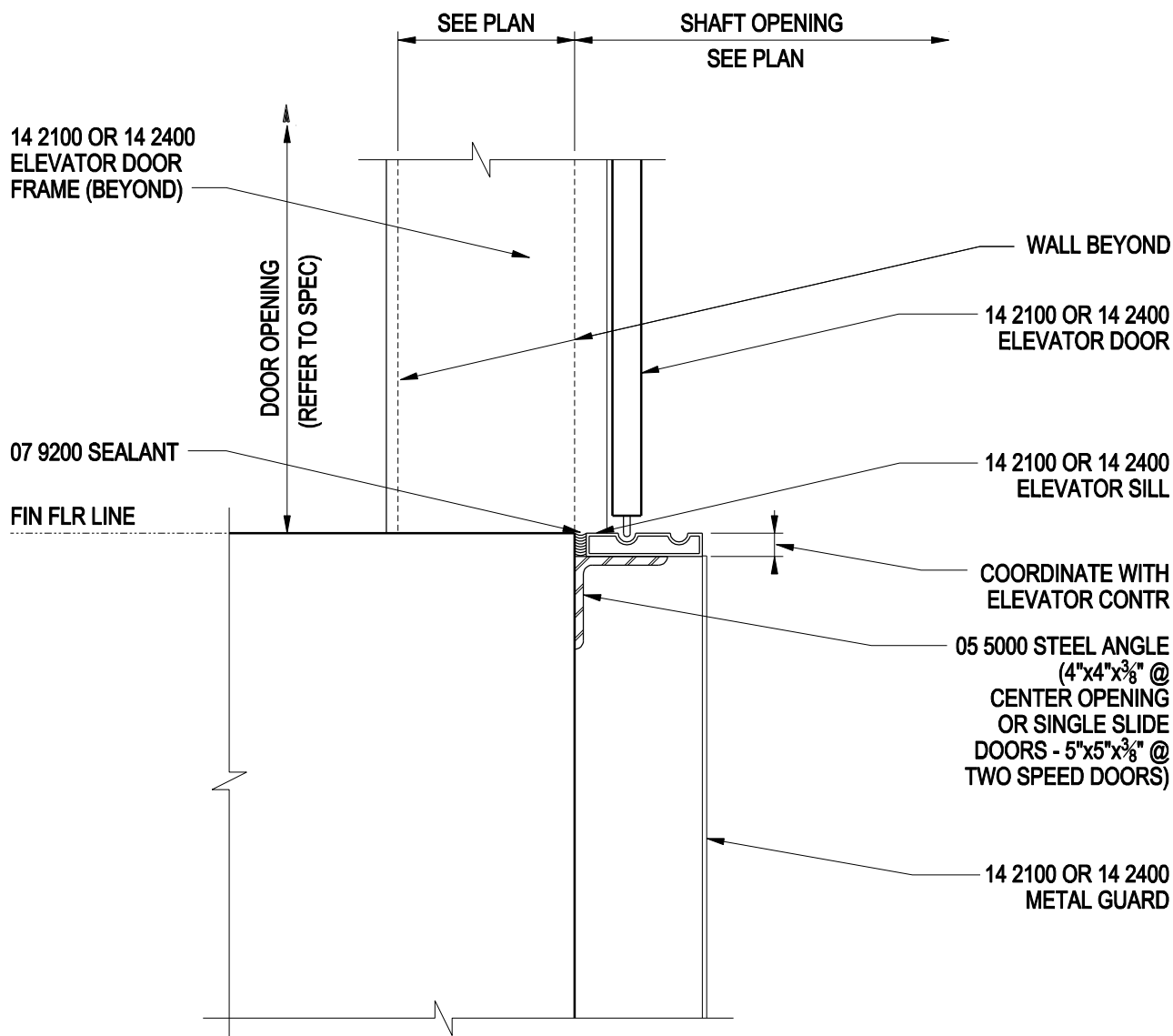
ELEVATOR ENTRANCE JAMB

1 1/2" = 1'-0"

DRAW AND NOMENCLATE FLOOR CONSTRUCTION

VERIFY ANGLE SUPPORT W/ STRUCTURAL

Standard Detail



ELEVATOR ENTRANCE SILL

1 1/2" = 1'-0"

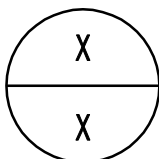
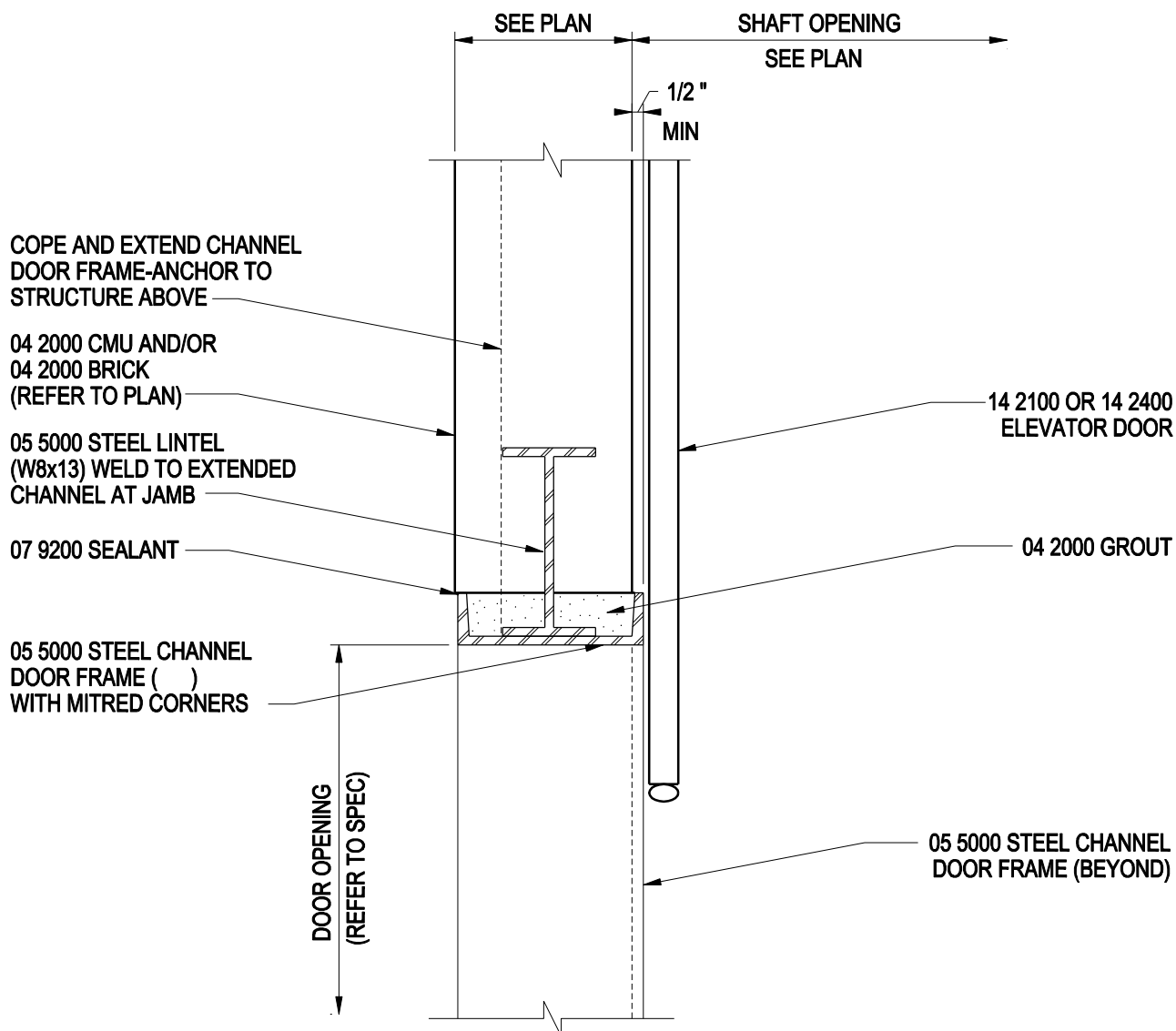
FOR DOOR OPENING WIDTHS LARGER THAN 12'-0"

CONSULT W/ STRUCTURAL FOR LINTEL DESIGN

INDICATE STEEL CHANNEL SIZE TO

ACCOMMODATE WALL THICKNESS

Standard Detail

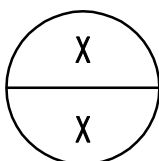
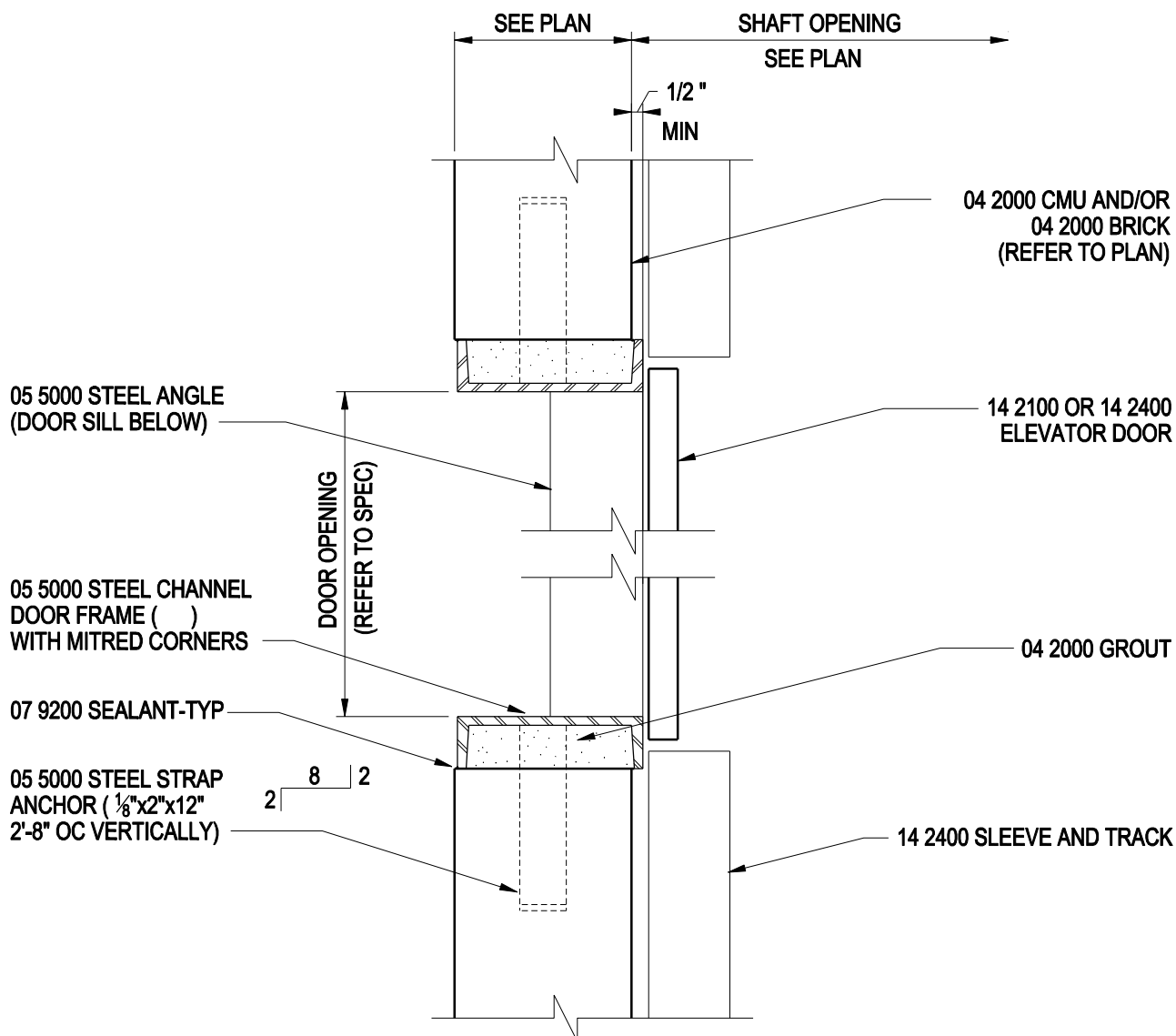


FREIGHT ELEVATOR DOOR HEAD

1 1/2" = 1'-0"

INDICATE STEEL CHANNEL SIZE TO
ACCOMMODATE WALL THICKNESS

Standard Detail

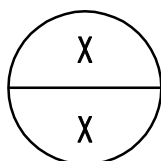
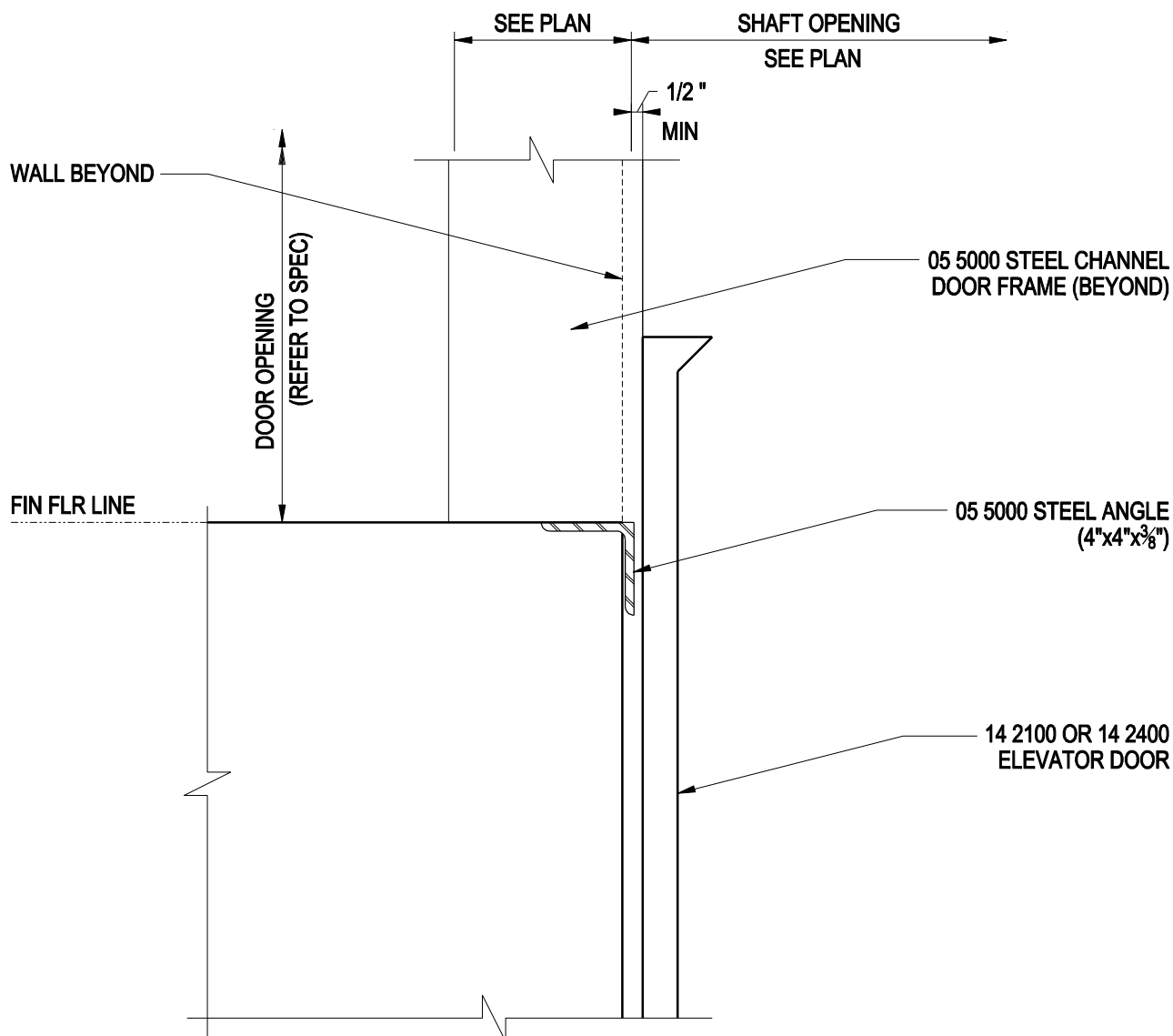


FREIGHT ELEVATOR DOOR JAMB

1 1/2" = 1'-0"

DRAW AND NOMENCLATE FLOOR CONSTRUCTION AND
 PROVIDE ANCHORAGE FOR SILL ANGLE
 VERIFY W/ STRUCTURAL

Standard Detail

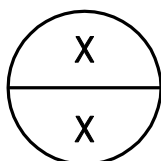
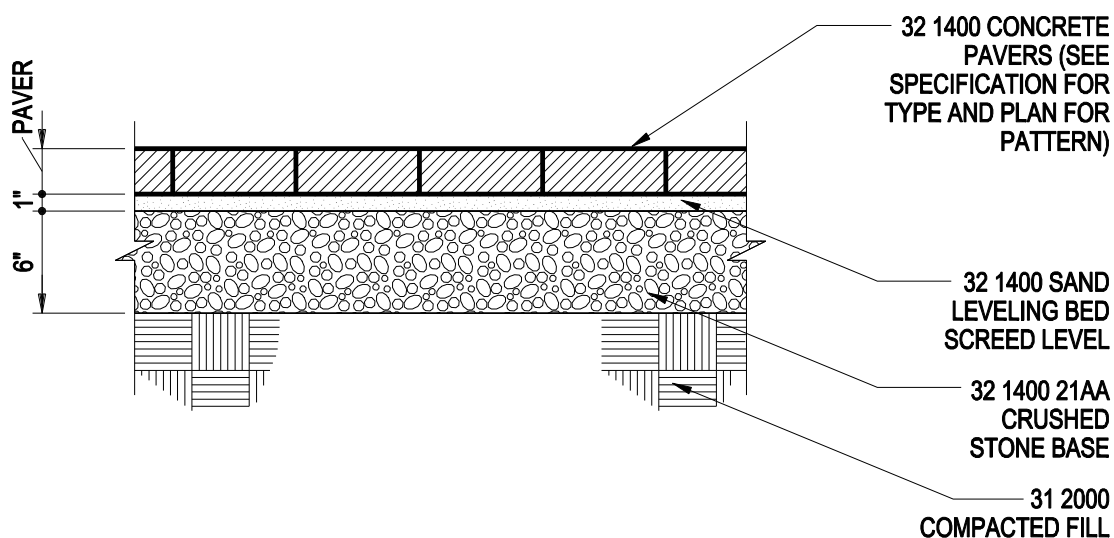


FREIGHT ELEVATOR DOOR SILL

1 1/2" = 1'-0"

CUT DETAIL AND INDICATE LOCATIONS ON
DEMOLITION FLOOR PLANS.
MEETS UMH STANDARDS

Standard Detail



PRECAST CONCRETE PAVERS

1" = 1'-0"

Notes / Instructions
TO BE USED IN CONJUNCTION WITH DEMOLITION PLAN.

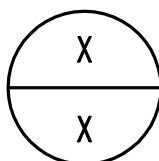
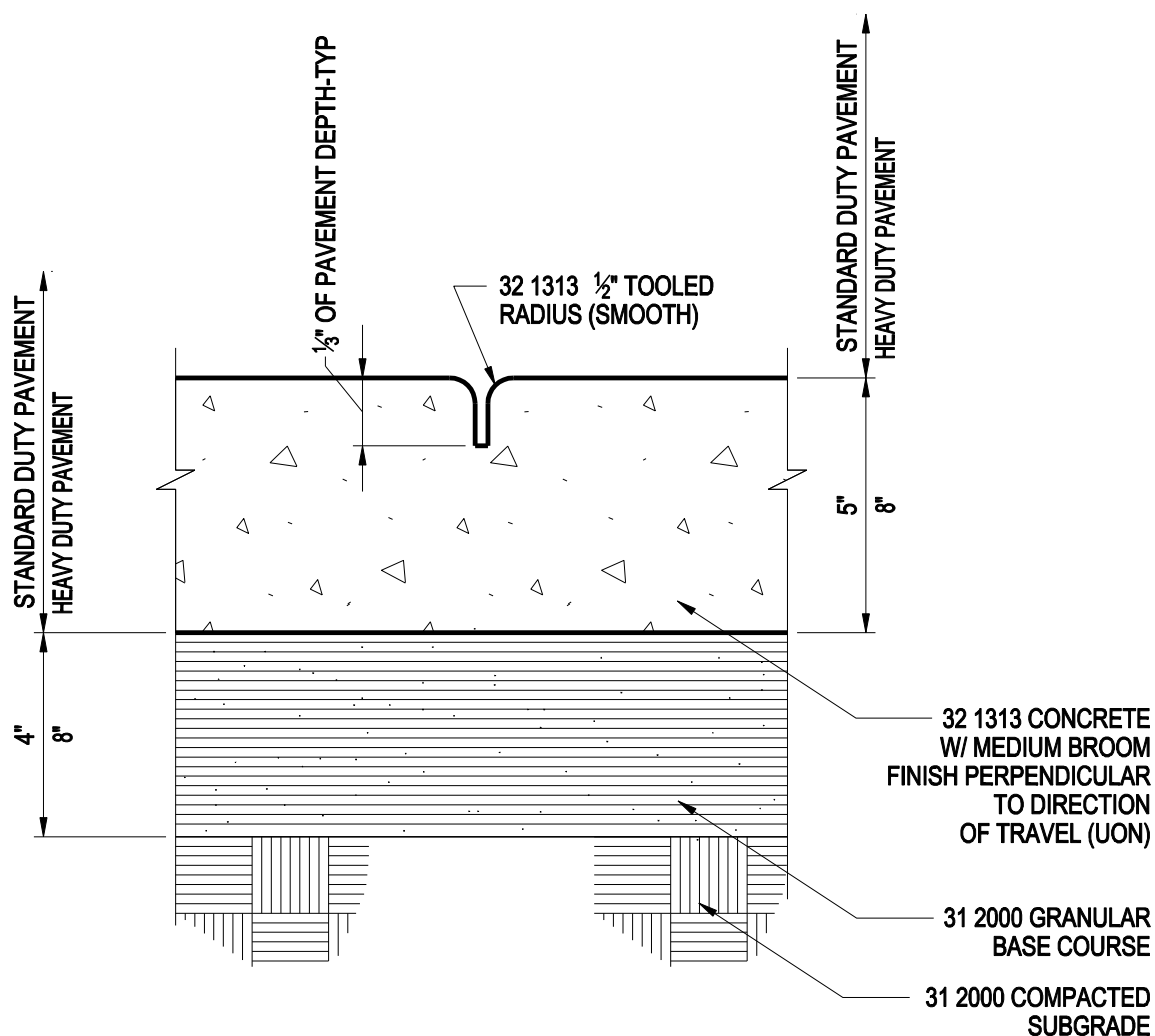
GENERAL NOTES. (STD DET NO 01-601 FOR ALL MICHIGAN
HEALTH CARE FACILITIES OTHER THAN UMH). K-12 SCHOOLS.

COLLEGE AND UNIVERSITY PROJECTS.

MEETS REQUIREMENTS OF OFFICE OF FIRE SAFETY

POLICY NO 2-3

Standard Detail



CONCRETE PAVEMENT CONTROL JOINT

3" = 1'-0"

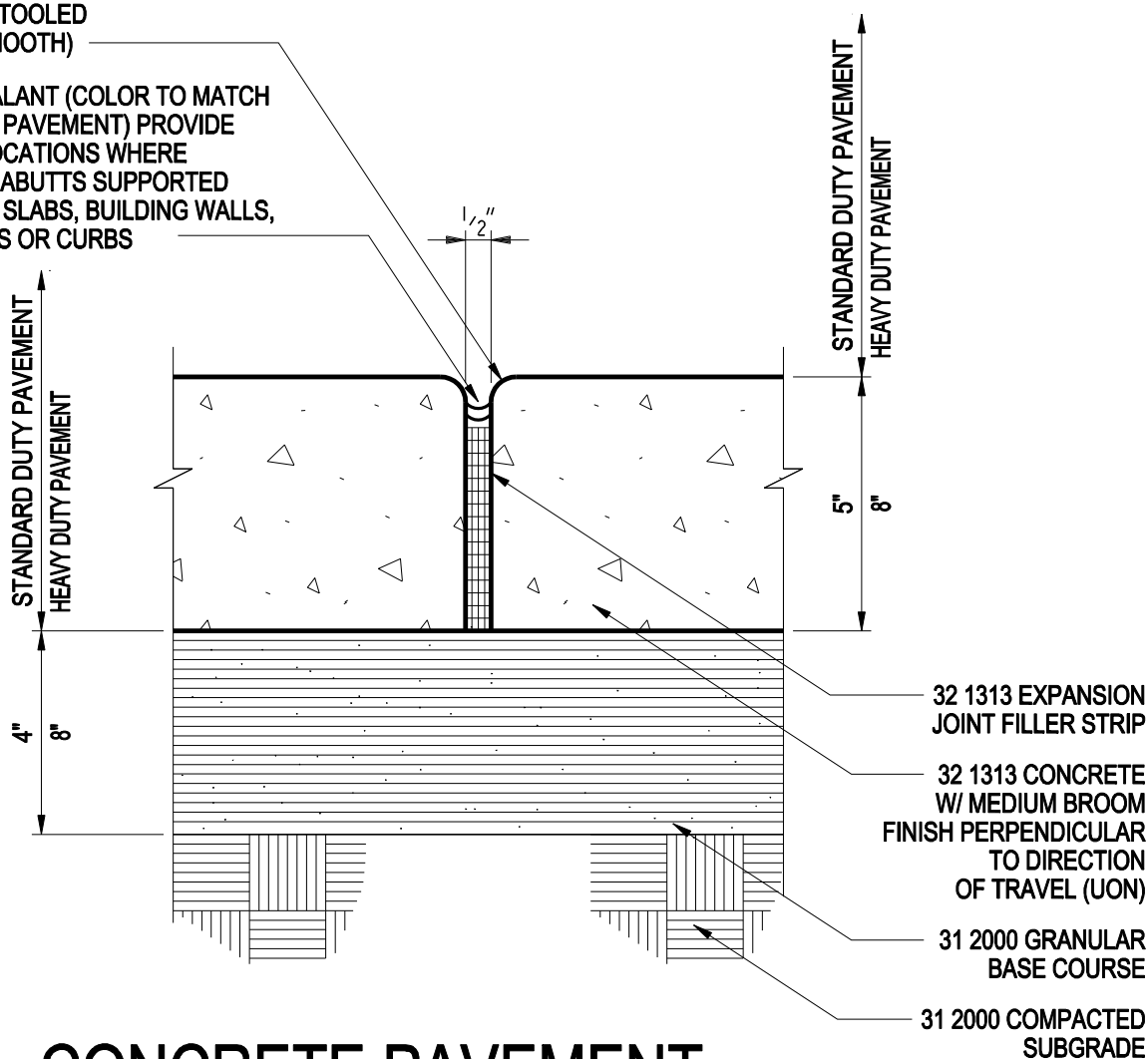
CUT DETAIL AND INDICATE LOCATIONS ON
DEMOLITION FLOOR PLANS.

MEETS UMH STANDARDS

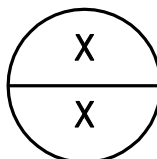
Standard Detail

32 1313 $\frac{1}{2}$ " TOOLED
RADIUS (SMOOTH)

07 9200 SEALANT (COLOR TO MATCH
CONCRETE PAVEMENT) PROVIDE
ONLY AT LOCATIONS WHERE
PAVEMENT ABUTTS SUPPORTED
CONCRETE SLABS, BUILDING WALLS,
SEAT WALLS OR CURBS



CONCRETE PAVEMENT EXPANSION JOINT



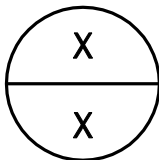
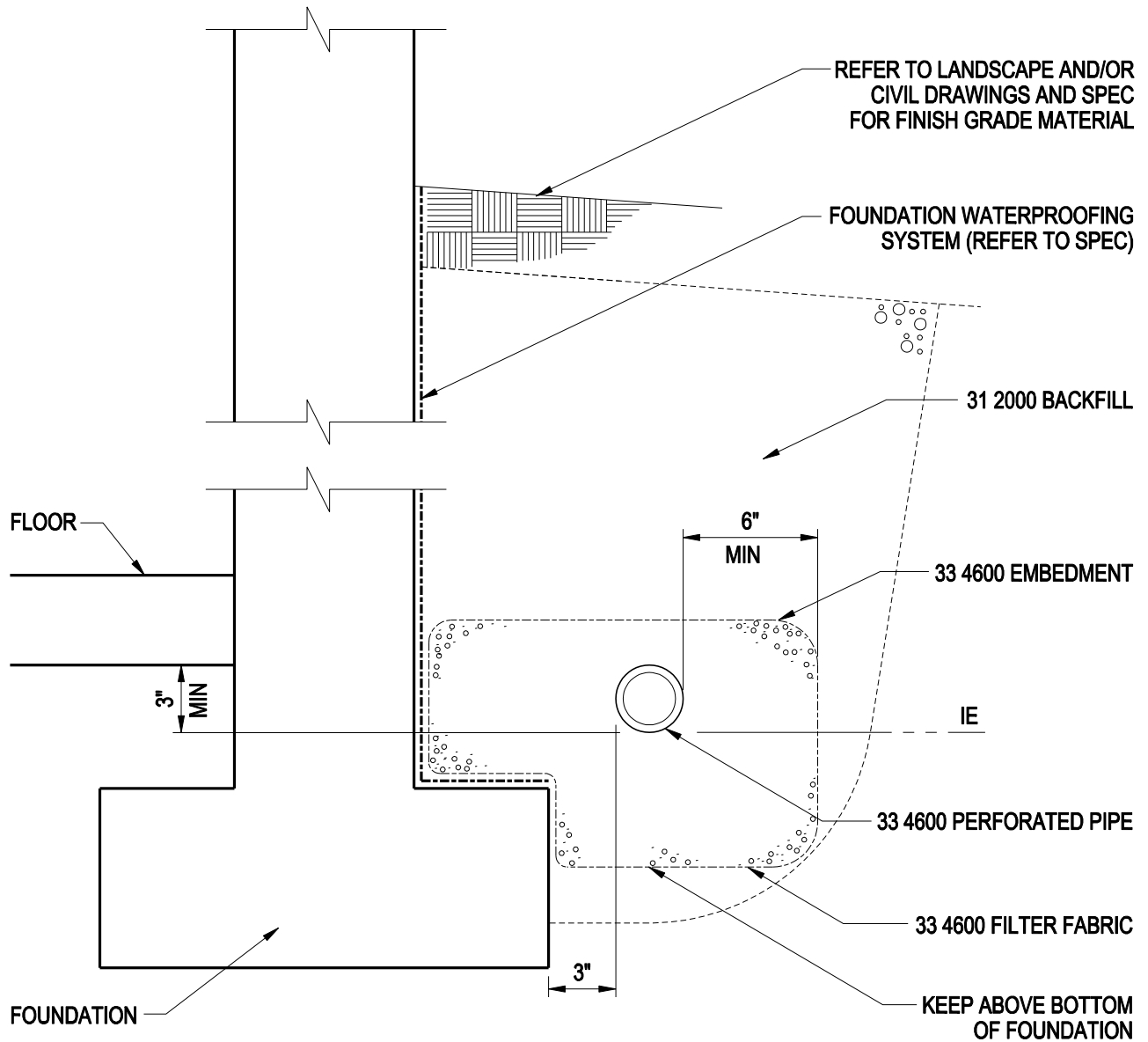
3" = 1'-0"

USE FOR OCCUPIED FLOORS BELOW GRADE W/DRAINAGE

BOARD TYPE PROTECTION COURSE OVER WP MEMBRANE

VERIFY WITH GEOTECHNICAL OR CIVIL CONSULTANT

Standard Detail



PERIMETER FDTN DRAINAGE

(BESIDE FOUNDATION)

1 1/2" = 1'-0"

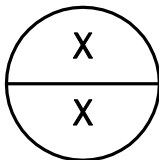
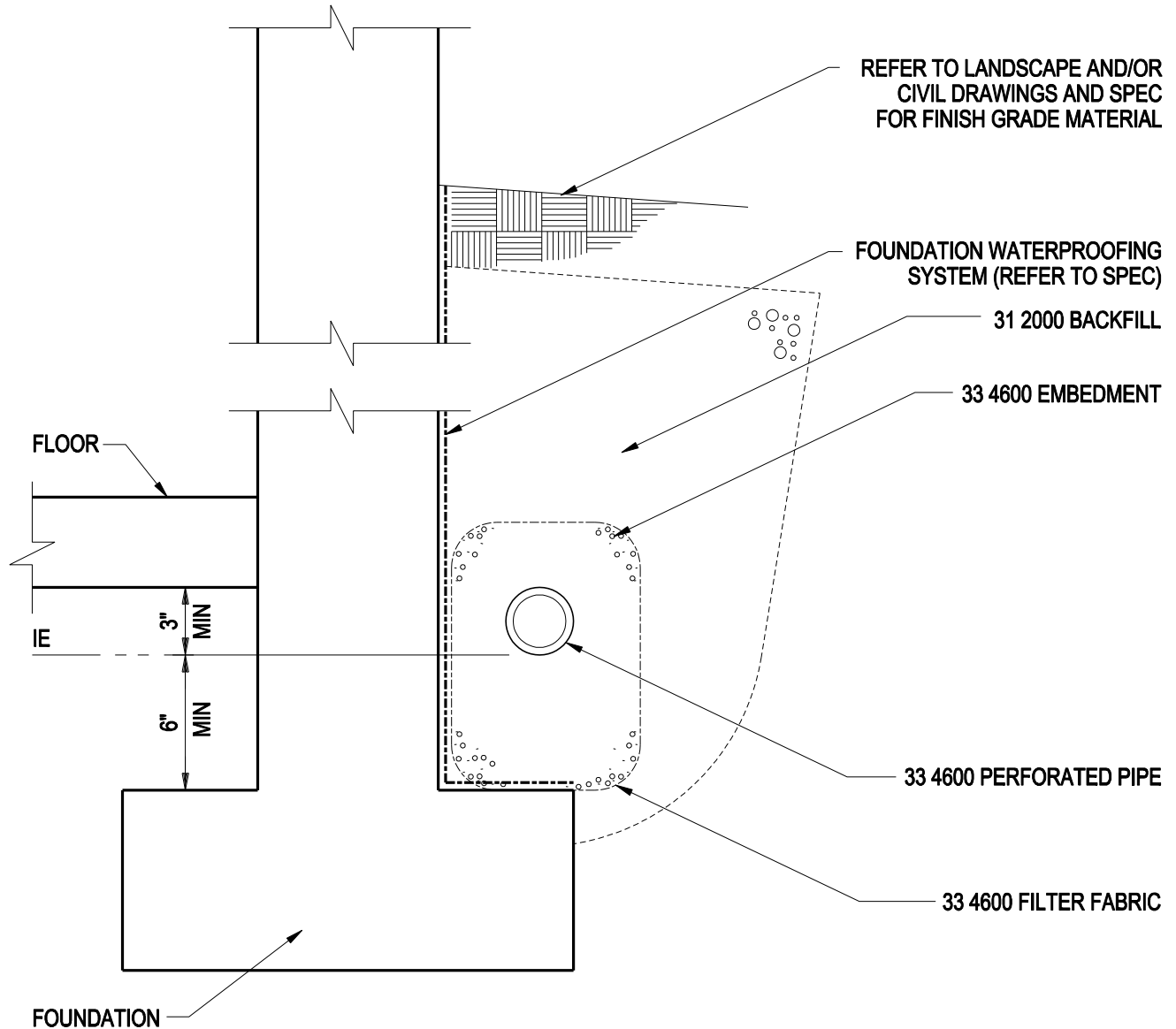
PREV 02-701

USE FOR OCCUPIED FLOORS BELOW GRADE W/DRAINAGE

BOARD TYPE PROTECTION COURSE OVER WP MEMBRANE

VERIFY WITH GEOTECHNICAL OR CIVIL CONSULTANT

Standard Detail



PERIMETER FDTN DRAINAGE

(ABOVE FOUNDATION)

1 1/2" = 1'-0"

PREV 02-702

Cell Library

ARCH02.CEL

Cell Name

02702

Date

2019

Detail Number

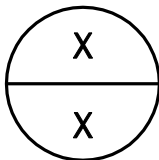
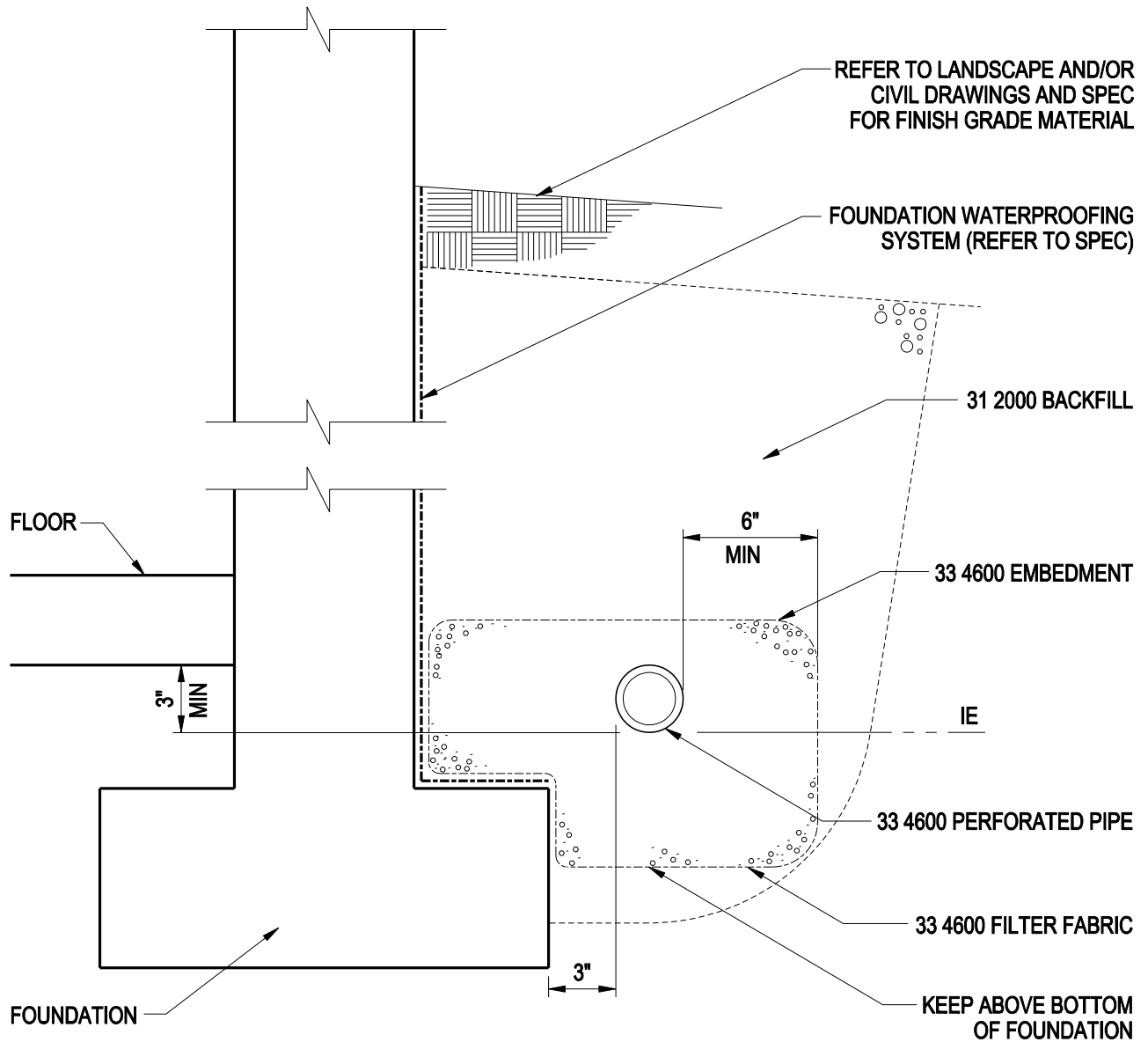
33-702

USE FOR OCCUPIED FLOORS BELOW GRADE W/O DRAINAGE

BOARD TYPE PROTECTION COURSE OVER WP MEMBRANE

VERIFY WITH GEOTECHNICAL OR CIVIL CONSULTANT

Standard Detail



PERIMETER FDTN DRAINAGE

(BESIDE FOUNDATION)

1 1/2" = 1'-0"

PREV 02-721

Cell Library

ARCH02.CEL

Cell Name

07721

Date

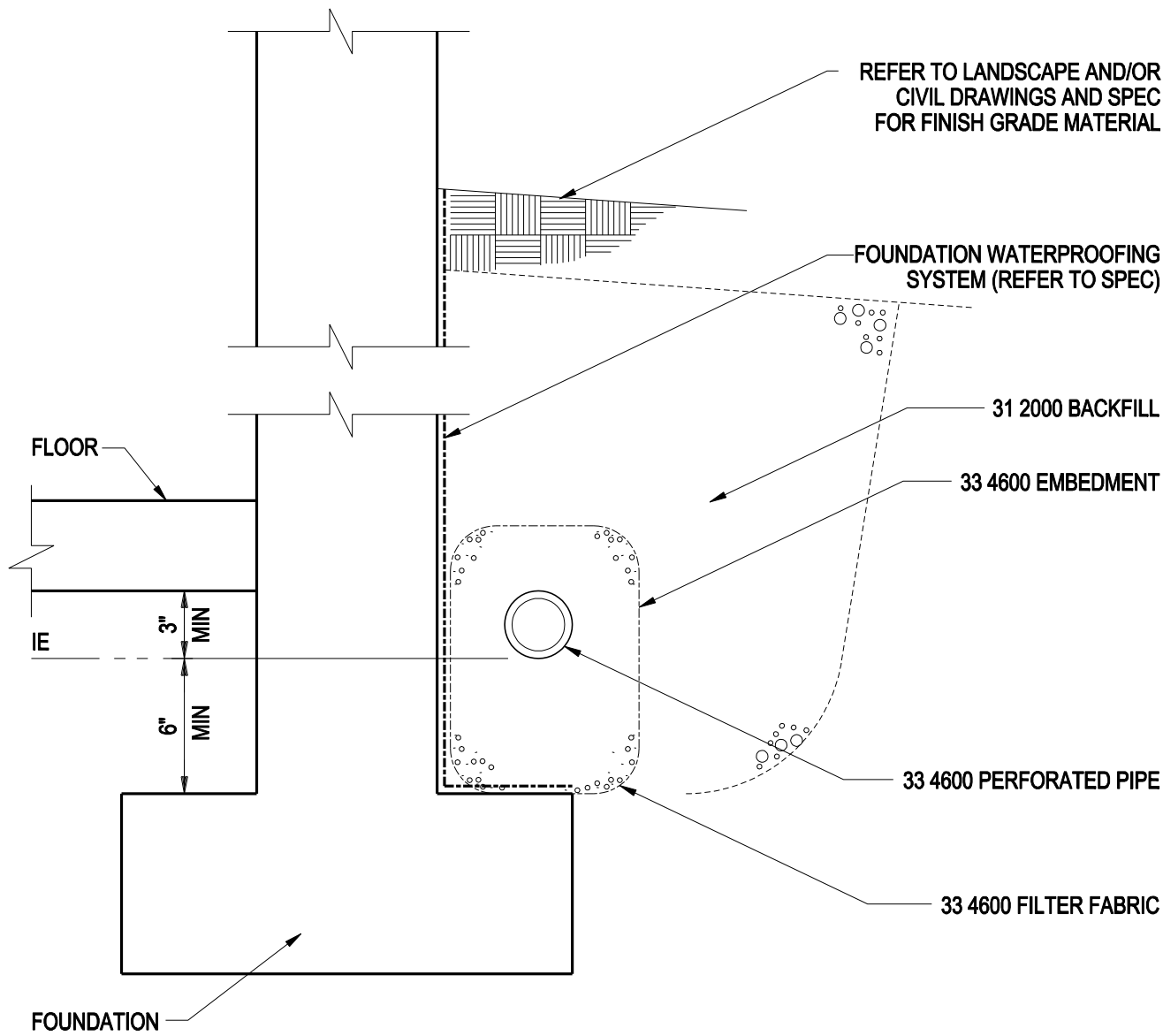
2019

Detail Number

33-721

USE FOR OCCUPIED FLOORS BELOW GRADE W/O DRAINAGE
BOARD TYPE PROTECTION COURSE OVER WP MEMBRANE
VERIFY WITH GEOTECHNICAL OR CIVIL CONSULTANT

Standard Detail



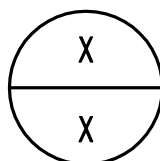
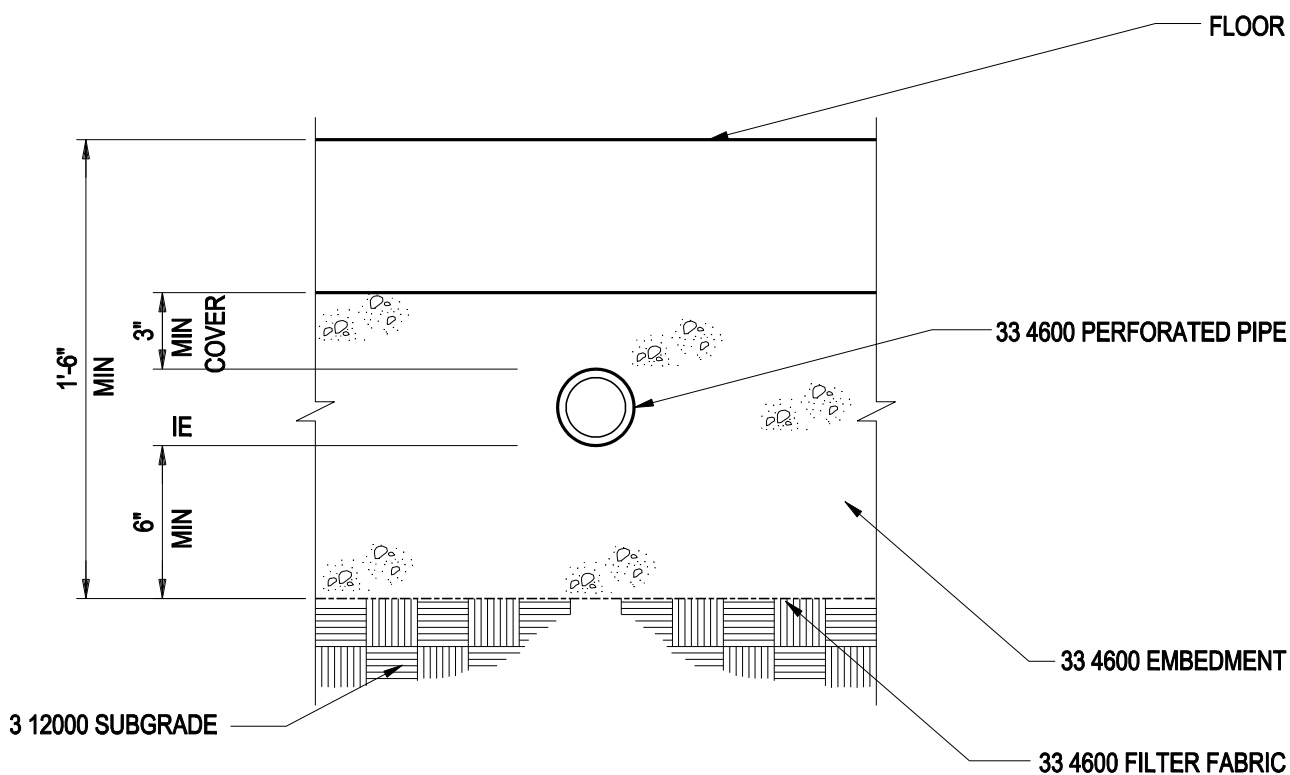
PERIMETER FDTN DRAINAGE
(ABOVE FOUNDATION)

1 1/2" = 1'-0"

PREV 02-722

USE FOR OCCUPIED FLOORS BELOW GRADE
 VERIFY WITH GEOTECHNICAL OR CIVIL CONSULTANT

Standard Detail



FOUNDATION DRAINAGE

(BELOW FLOOR SLAB)

1 1/2" = 1'-0"

PREV 02-751

Cell Library
 ARCH02.CEL
 Cell Name
 02751

Date
 2019

33-751