

PROJECT:

TFSD 2023 CAPITAL IMPROVEMENTS - PACKAGE 1, REROOF OF ROPER AUDITORIUM AT TWIN FALLS HIGH SCHOOL

1615 FILER AVE E.
TWIN FALLS, ID 83301

CLIENT:

VICINITY MAP :

H.A. - JOB # 23010-00

TWIN FALLS SCHOOL DISTRICT #411

201 Main Ave. W.
Twin Falls, ID 83301



HUMMEL
ARCHITECTS

205 N. 10th Street
Suite 300
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CONSULTANTS:

DRAWING SET:

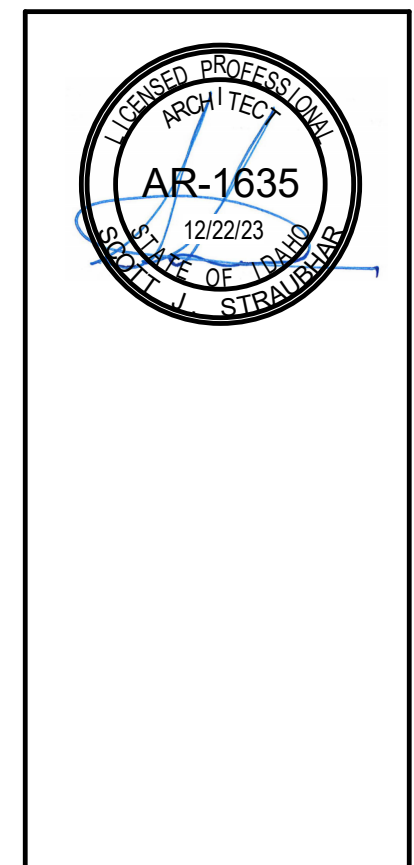
DRAWING INDEX :

MECHANICAL /ELECTRICAL ENGINEER
CATOR RUMA
A: #1238, 420 S ORCHARD ST, BOISE, ID 83705
P: 208.343.3663

ARCHITECTURAL
MECHANICAL
PLUMBING
ELECTRICAL

GENERAL
G0.00 COVER SHEET
G0.02 DRAWING INFORMATION
ARCHITECTURAL
A2.11 TFHS - ROPER AUDITORIUM REROOF PLAN
A2.91 ROOF DETAILS

PERMIT SET



DRAWING SET NO.

SYMBOLS:

1

ABBREVIATIONS:

MASTER KEYNOTES:

4

5

6

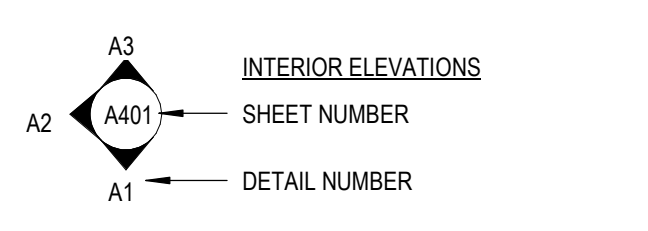
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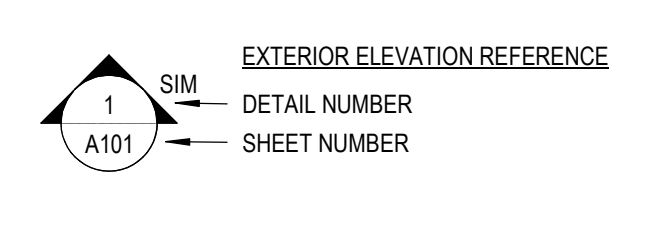
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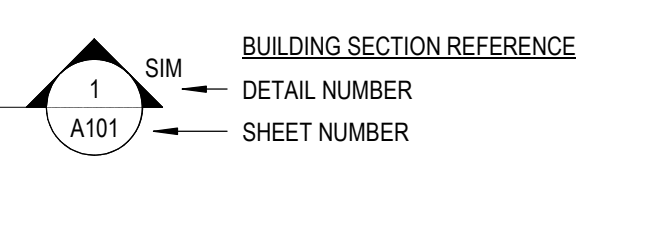
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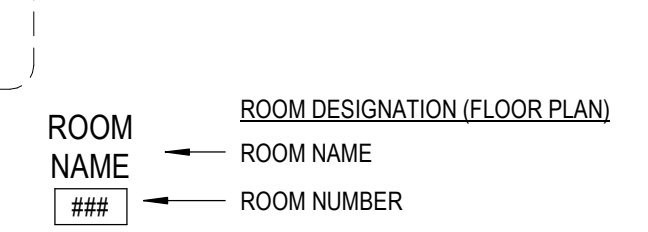
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SHEET NUMBER
DETAIL NUMBER



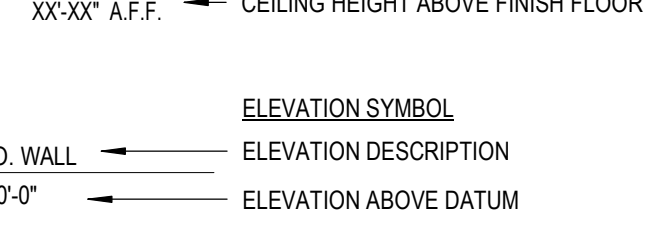
DETAIL REFERENCE
DETAIL NUMBER
SHEET NUMBER



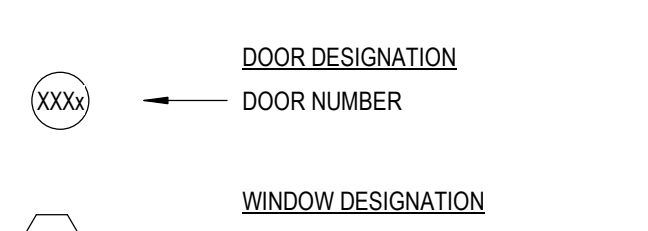
EXTERIOR ELEVATION REFERENCE
DETAIL NUMBER
SHEET NUMBER



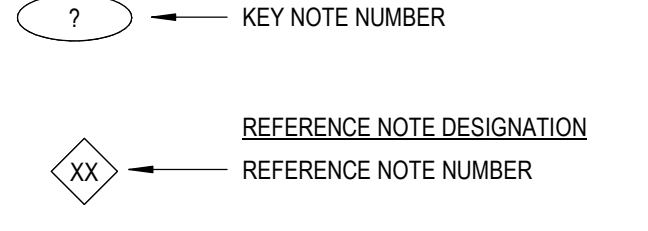
WALL SECTION REFERENCE
DETAIL NUMBER
SHEET NUMBER



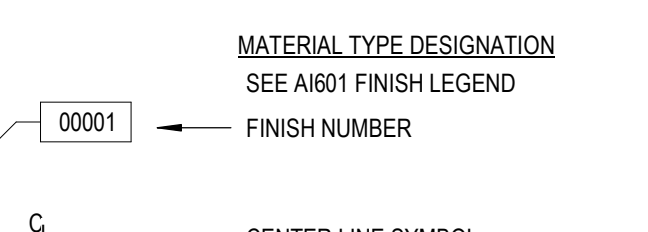
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DETAIL NUMBER
SHEET NUMBER



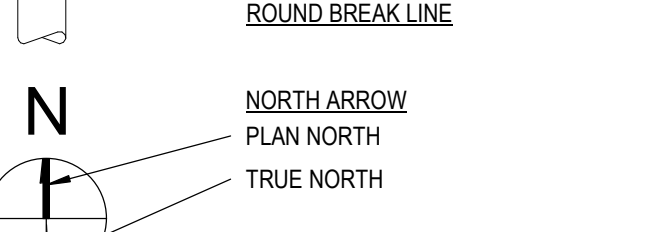
DETAIL REFERENCE
DETAIL NUMBER
SHEET NUMBER



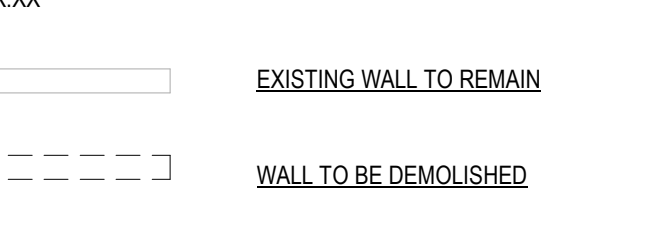
ROOM DESIGNATION (FLOOR PLAN)
ROOM NAME
ROOM NUMBER



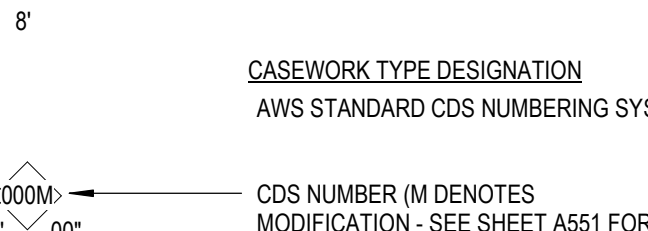
ROOM DESIGNATION (REFLECTED CEILING)
ROOM NAME (PLAN)
ROOM NUMBER
CEILING HEIGHT ABOVE FINISH FLOOR



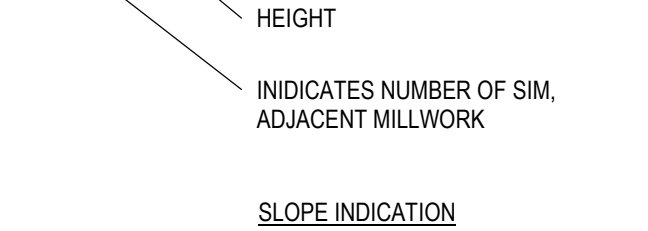
ELEVATION SYMBOL
ELEVATION DESCRIPTION
ELEVATION ABOVE DATUM



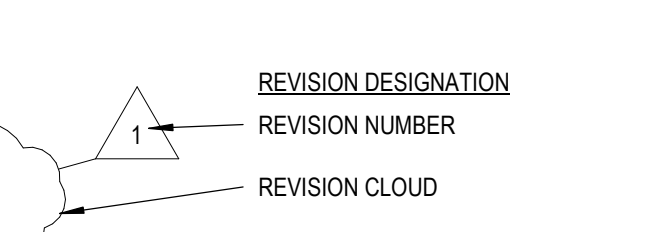
WALL TYPE DESIGNATION
WALL TYPE



DOOR DESIGNATION
DOOR NUMBER



WINDOW DESIGNATION
WINDOW TYPE



KEYED NOTE DESIGNATION
KEY NOTE NUMBER



REFERENCE NOTE DESIGNATION
REFERENCE NOTE NUMBER

EQUIPMENT DESIGNATION
EQUIPMENT DESCRIPTION
EQUIPMENT NUMBER

MATERIAL TYPE DESIGNATION
SEE A101 FINISH LEGEND
FINISH NUMBER

CENTER LINE SYMBOL

BREAK LINE

ROUND BREAK LINE

NORTH ARROW
PLAN NORTH
TRUE NORTH

MATCH LINE
MATCH LINE TAG
SEE AX-XX

EXISTING WALL TO REMAIN

WALL TO BE DEMOLISHED

NEW WALL

GRAPHIC SCALES

CASEWORK TYPE DESIGNATION
AWS STANDARD CDS NUMBERING SYSTEM

MODIFICATION DESCRIPTION
TYP (#)
DEPTH
HEIGHT
INDICATES NUMBER OF SIM, ADJACENT MILLWORK

SLOPE INDICATION
RISE
RUN

REVISION DESIGNATION
REVISION NUMBER
REVISION CLOUD

Table of abbreviations with columns for symbol, description, and acronym. Includes terms like JAN, JST, JOINT, LAB, LAM, LAV, etc.

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Table of master keynotes with columns for Keynote # and Keynote Text. Includes notes like 'COORDINATE WITH STRUCTURAL DRAWINGS', 'VERIFY EXISTING SLOPE', etc.

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HUMMEL ARCHITECTS logo and contact information: 205 N. 10th Street, Suite 300, Boise, Idaho 83702, 208.343.7923

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1615 FILER AVE E.
TWIN FALLS, ID 83301

Sheet: DRAWING INFORMATION

PERMIT SET stamp: AR-1635, 12/22/23, 12/22/23, 12/22/23

Project No: 23010-00
Drawn By: KT
Checked By: PR
Date: 12/22/2023
Sheet No: G0.02

1

2

3

4

5

6

A

B

C

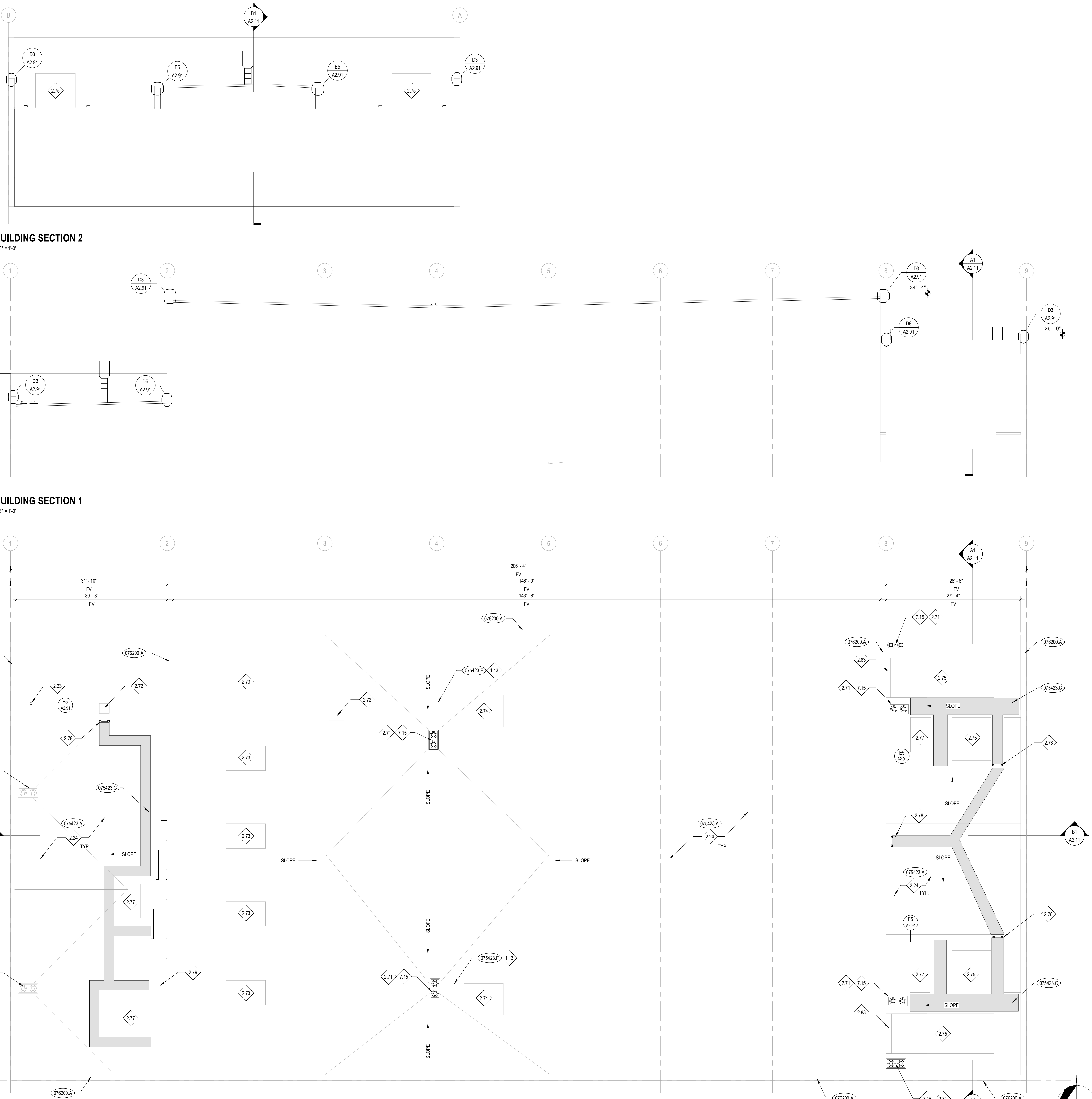
D

E

A1 BUILDING SECTION 2
1/8" = 1'-0"

B1 BUILDING SECTION 1
1/8" = 1'-0"

E1 ROOF PLAN
1/8" = 1'-0"



KEYNOTES

- 075423.A THERMOPLASTIC-POLYOLEFIN (TPO) ROOFING
- 075423.C FLEXIBLE WALKWAY
- 075423.F TAPERED INSULATION
- 076200.A PARAPET COPING

REFERENCE NOTES

- 1.13 VERIFY EXISTING SLOPE TAPERED INSULATION SLOPES AND RESLOPE ROOF TO DRAIN
- 2.23 EXISTING ROOF PENETRATION
- 2.24 DEMO EXISTING ROOF MEMBRANE AND PREPARE FOR NEW TPO ROOF MEMBRANE
- 2.71 EXISTING ROOF DRAIN TO BE REMOVED AND PREPARED FOR NEW ROOF DRAIN
- 2.72 EXISTING ROOF HATCH
- 2.73 EXISTING HEAT AND SMOKE VENT
- 2.74 EXISTING RELIEF VENT
- 2.75 EXISTING HEATING AND COOLING UNIT
- 2.77 EXISTING AIR CONDITIONING UNIT
- 2.78 EXISTING ROOF LADDER
- 2.79 EXISTING EXPOSED DUCTWORK
- 2.83 EXISTING CURB EXTENDS TO THE WALL
- 7.15 NEW ROOF DRAIN

GENERAL NOTES

- A. CONTRACTOR TO VERIFY ALL ROOF PENETRATIONS (I.E., VENT STACKS, VENT PIPES, CONDUIT PENETRATIONS, ETC.), FLASH ALL PENETRATIONS WEATHER TIGHT. COORDINATE WITH ROOF DETAILS.
- B. PROVIDE BUILT-UP TAPERED INSULATION ROOF CRICKETS AT ALL CURB LOCATIONS TO ALLOW POSITIVE DRAINAGE AND PREVENT PONDING.
- C. ALL METAL ROOF FLASHING DETAILS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS AND REVIEWED BY THE ARCHITECT FOR DESIGN INTENT.
- D. ALL FINISHED ROOF SLOPES TO ACHIEVE A MINIMUM OF 1/4" PER FOOT SLOPE IN DIRECTION INDICATED.
- E. ALL ROOF MEMBRANE ACCESSORIES SHALL COME FROM THE SAME MANUFACTURER OR FROM A SUPPLIER APPROVED BY THE MANUFACTURER. ALL ROOF COVERING, MATERIAL AND ACCESSORIES SHALL BE COMPATIBLE.
- F. CONSTRUCTION SHALL BE IN FULL COMPLIANCE WITH ALL CURRENT LOCAL CODES AND REGULATIONS IN EFFECT AT THE TIME OF AGREEMENT BETWEEN OWNER AND CONTRACTOR.

DEMOLITION NOTES

- A. CONTRACTOR IS REQUIRED TO FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO BID. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS.
- B. DIMENSIONS ARE FOR REFERENCE. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ANY AND ALL DIMENSIONS.
- C. PROVIDE COMPLETE TEAR-OFF OF EXISTING ROOFING SYSTEMS DOWN TO THE EXISTING ROOF INSULATION, UNLESS NOTED OTHERWISE.
- D. TUCK-POINT AND REPAIR ALL EXISTING MASONRY WALLS TO RECEIVE NEW MEMBRANE ROOFING. TO PROVIDE AN ACCEPTABLE SUBSTRATE SURFACE PER MEMBRANE MANUFACTURER'S REQUIREMENTS.
- E. DISCONNECT AND RE-ATTACH EXISTING GAS PIPING, ELECTRICAL CONDUITS AND ALL ASSOCIATED ITEMS TO ACCOMPLISH RE-ROOF WORK.
- G. KEEP CURBS, TAKE OFF ALL OF THE FLASHING AND PROVIDE NEW FLASHING AT CURBS.

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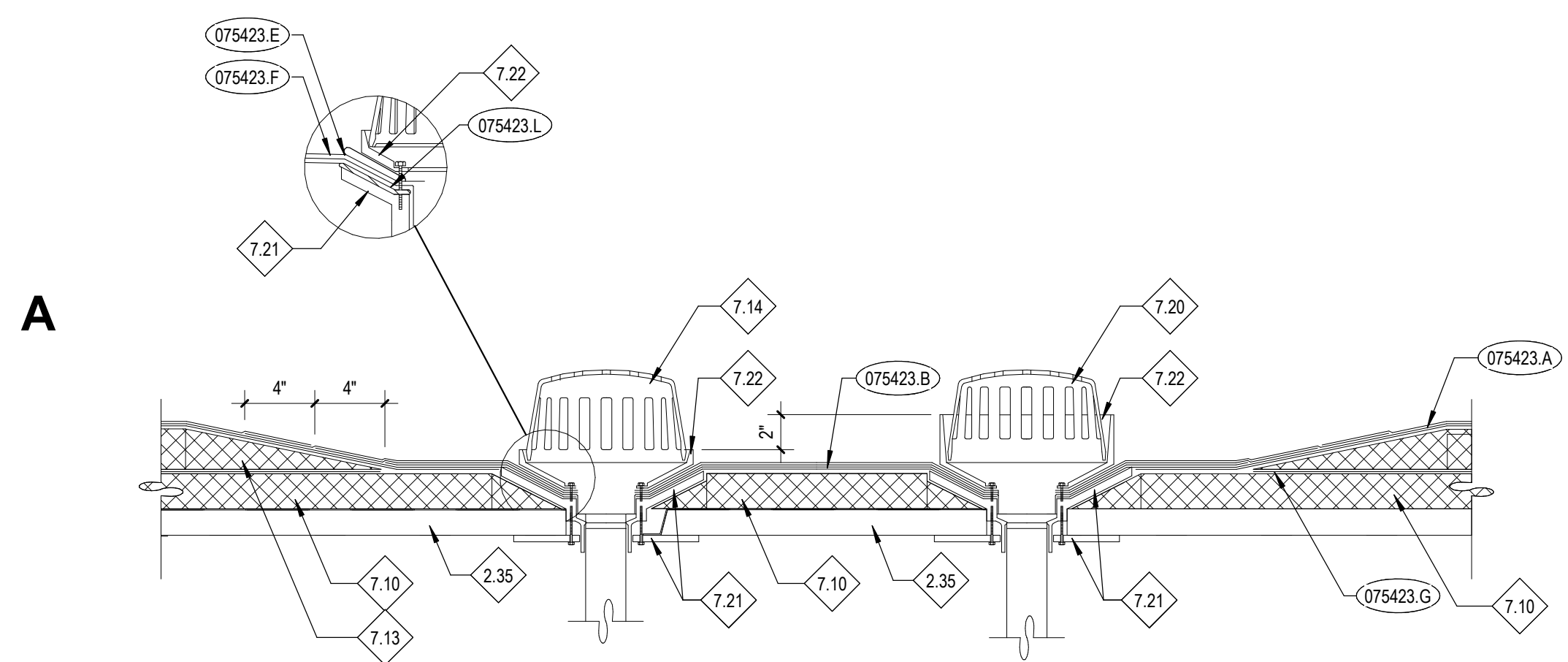
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TFHS - ROPER AUDITORIUM REROOF PLAN

PERMIT SET

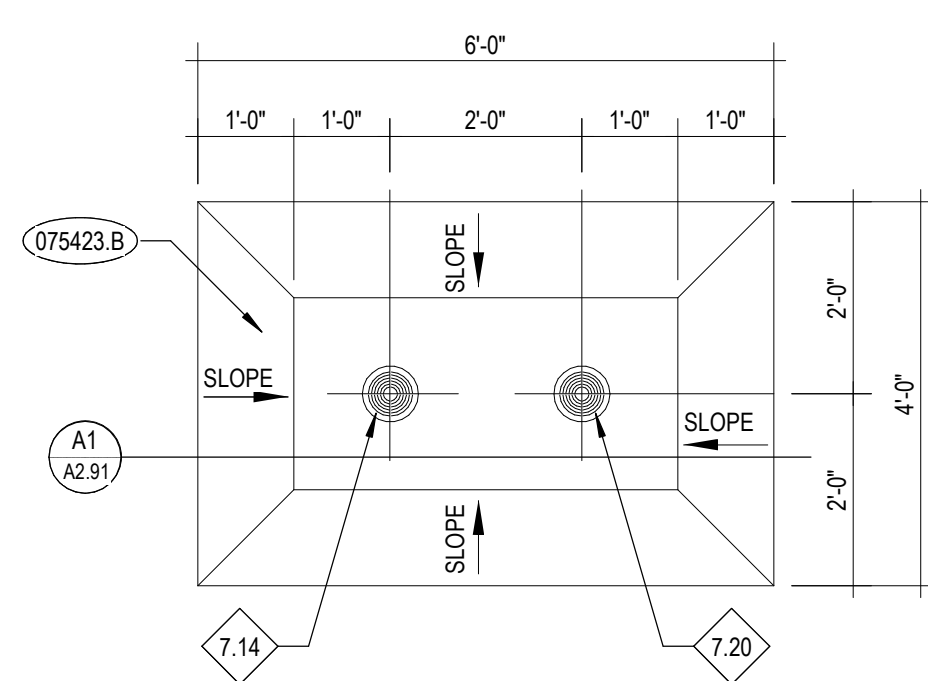
Revisions:

Project No: 23010-00
Drawn By: KT
Checked By: PR
Date: 12/22/2023

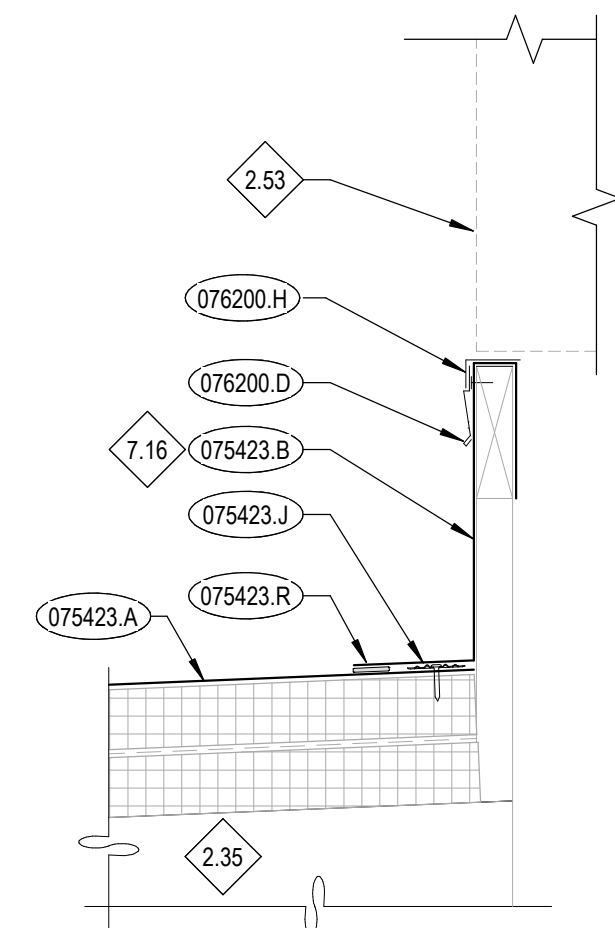
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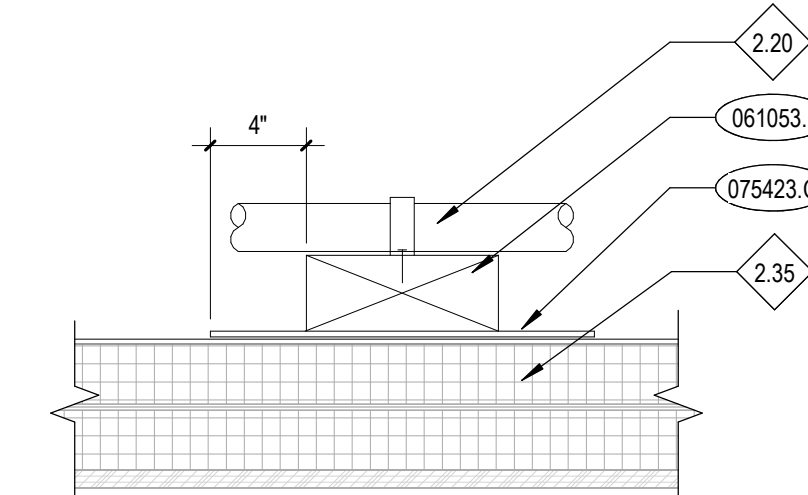
A1 ROOF DRAIN DETAIL @ METAL DECK
A2.91 1 1/2" = 1'-0"



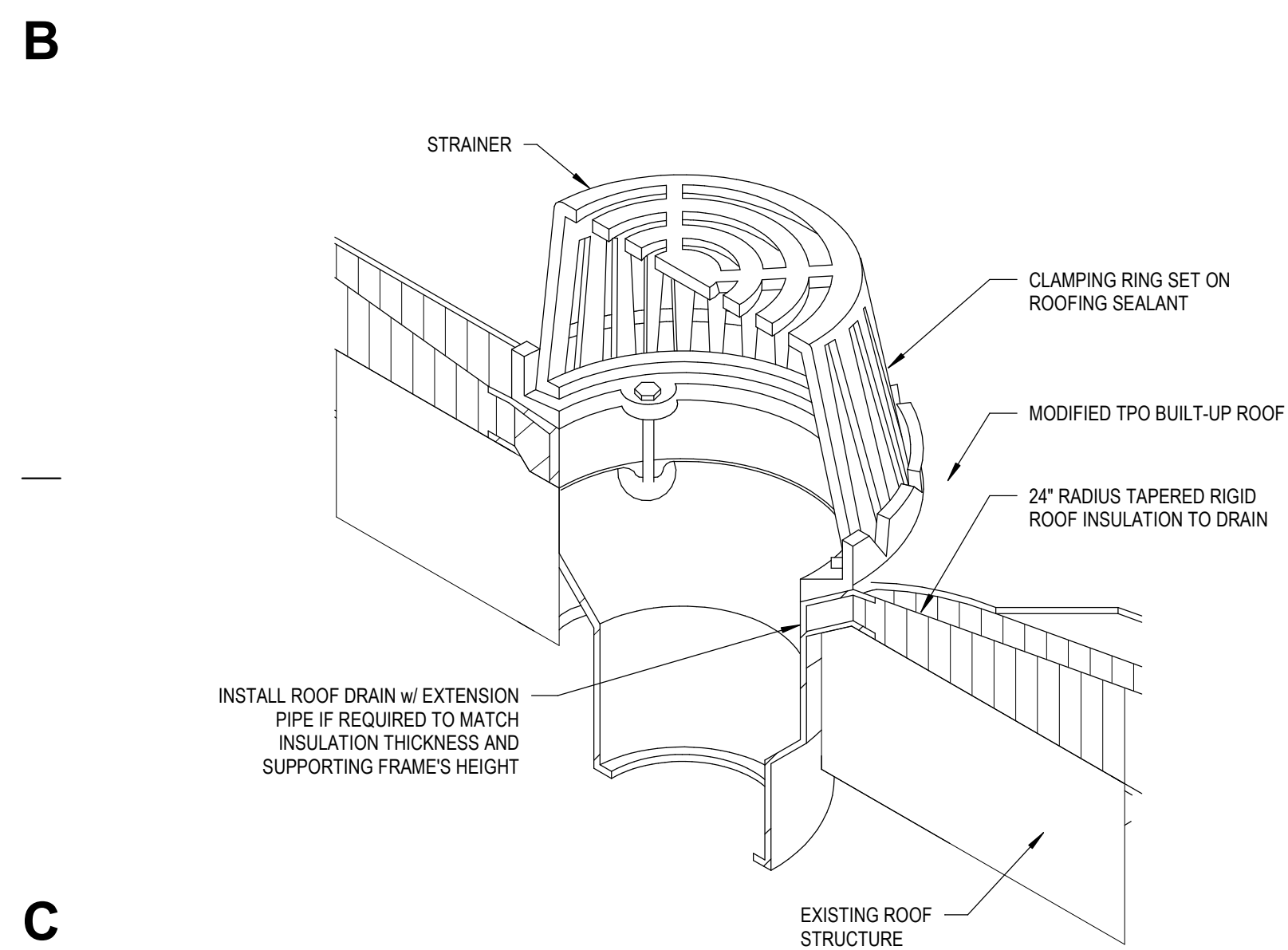
A3 ROOF SUMP PLAN
A2.91 1/2" = 1'-0"



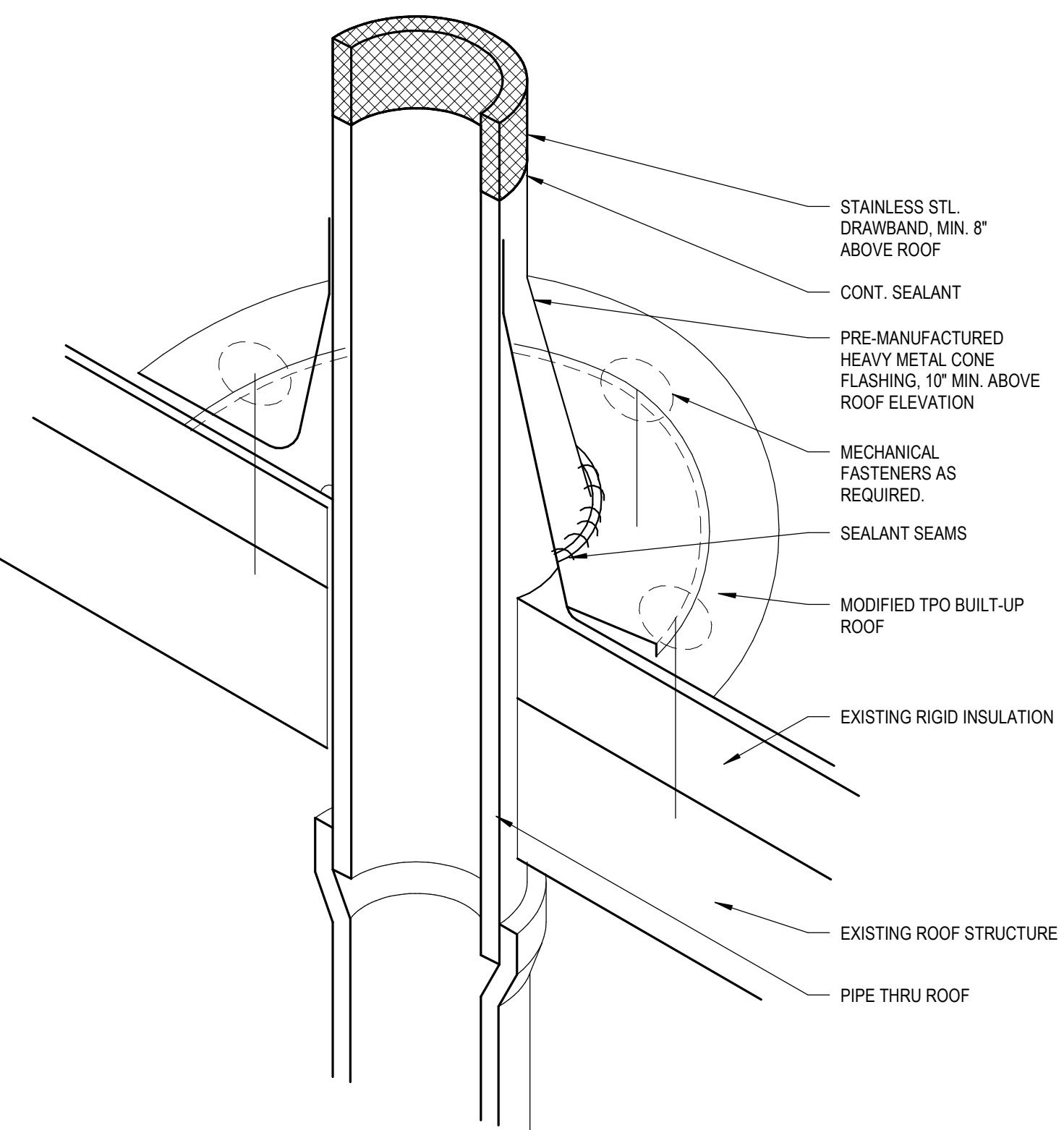
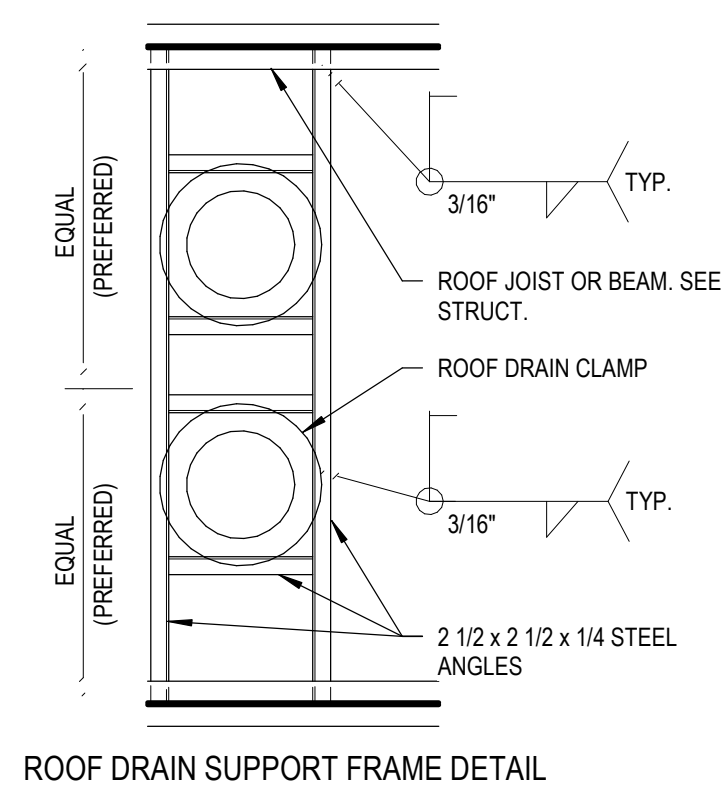
A5 TYPICAL CURB DETAIL
A2.91 1 1/2" = 1'-0"



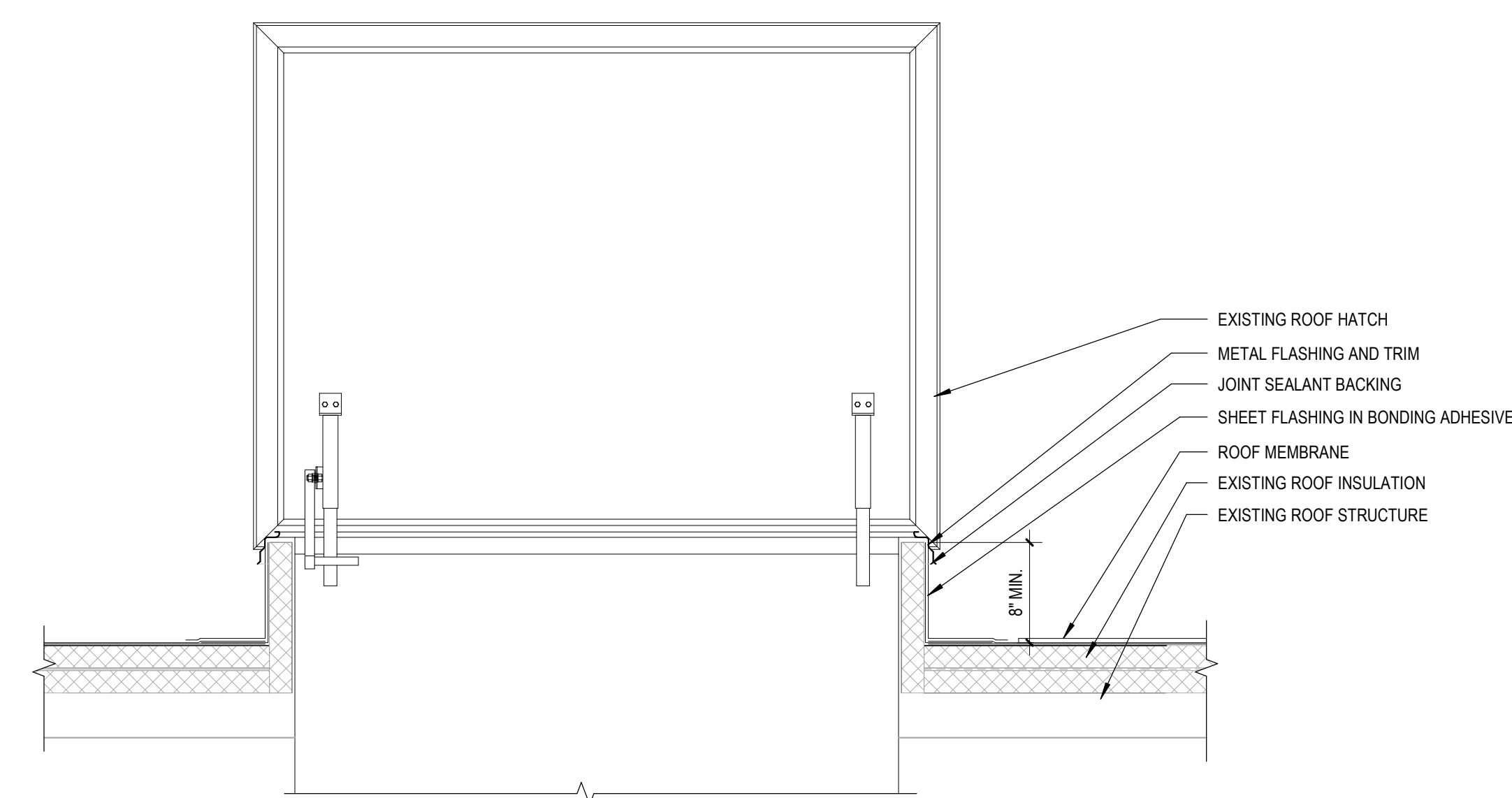
A6 PIPE SUPPORT DETAIL
A2.91 1 1/2" = 1'-0"



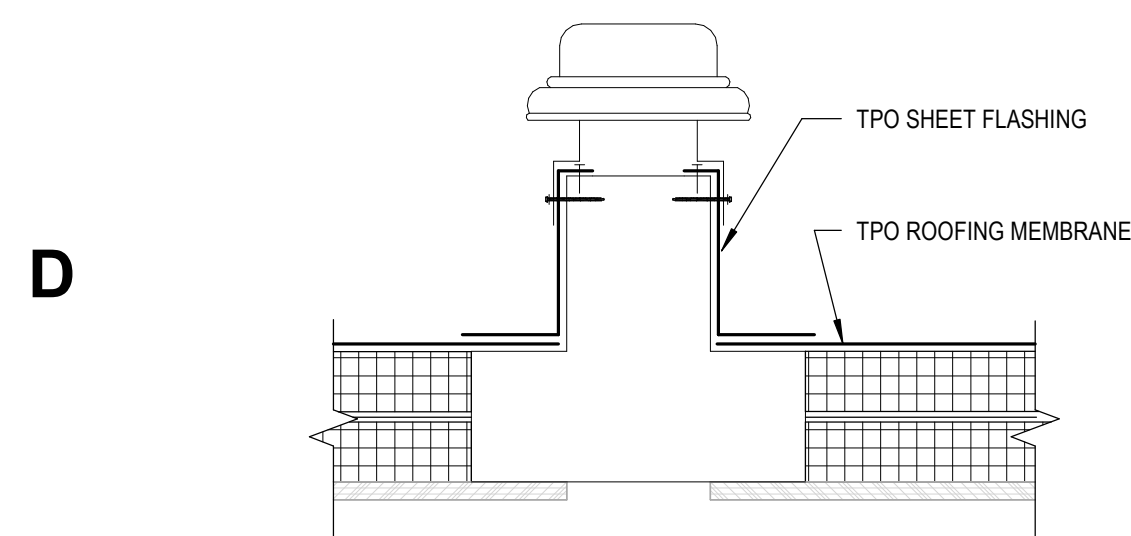
C1 TYPICAL ROOF DRAIN DETAIL
A2.91 3" = 1'-0"



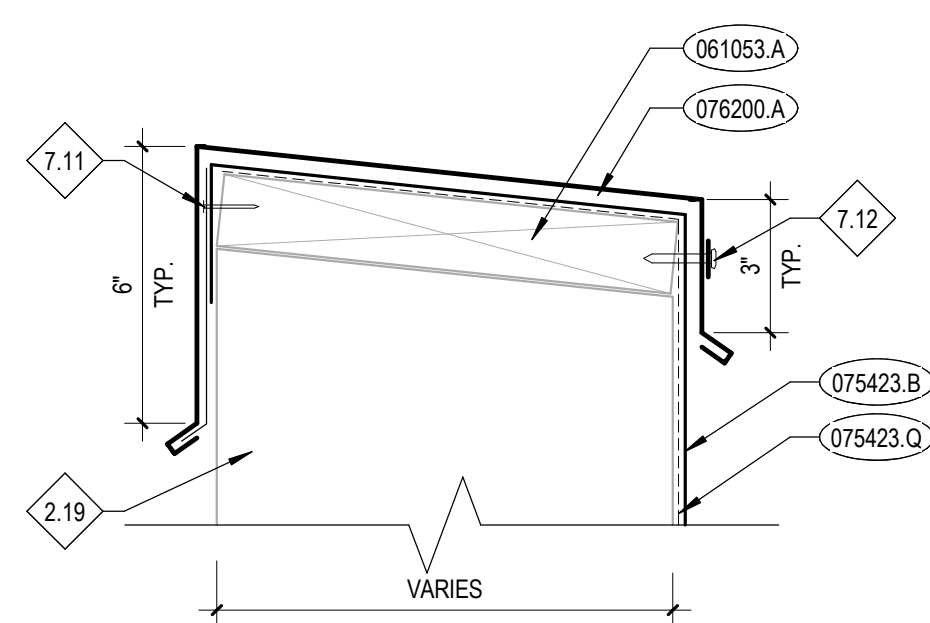
C3 PIPE FLASHING DETAIL
A2.91 6" = 1'-0"



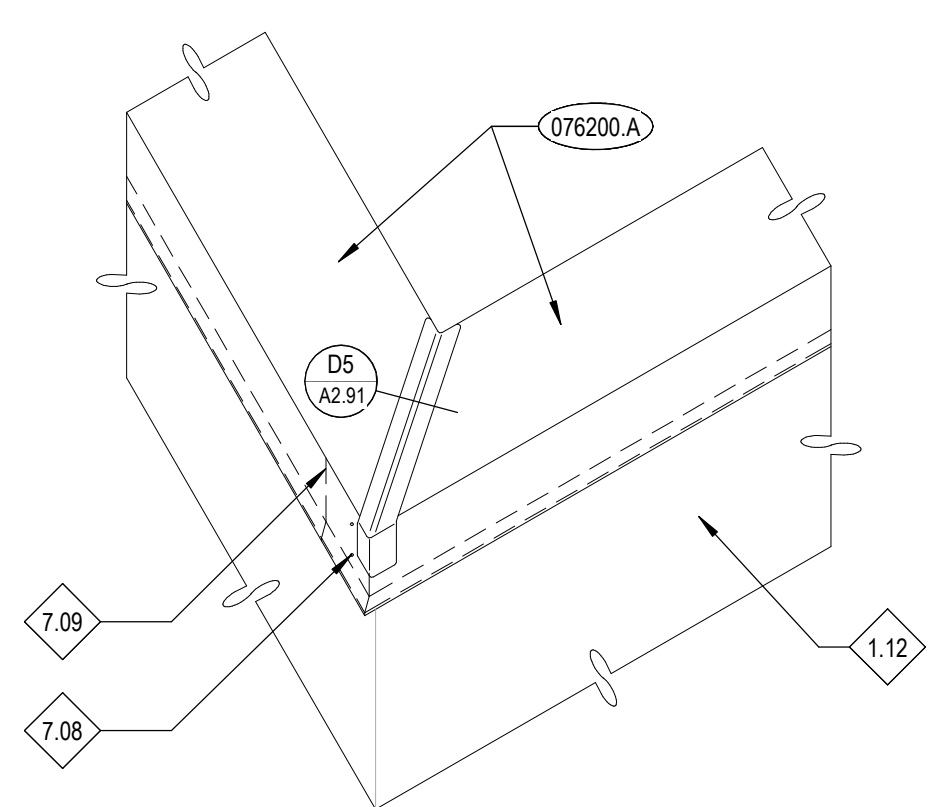
C5 ROOF HATCH DETAIL
A2.91 1" = 1'-0"



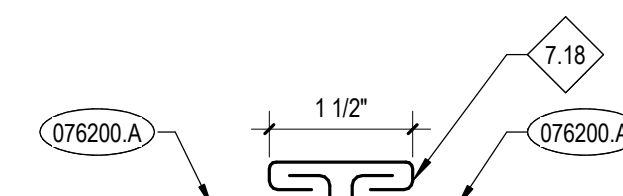
D1 EXHAUST FAN DETAIL
A2.91 1 1/2" = 1'-0"



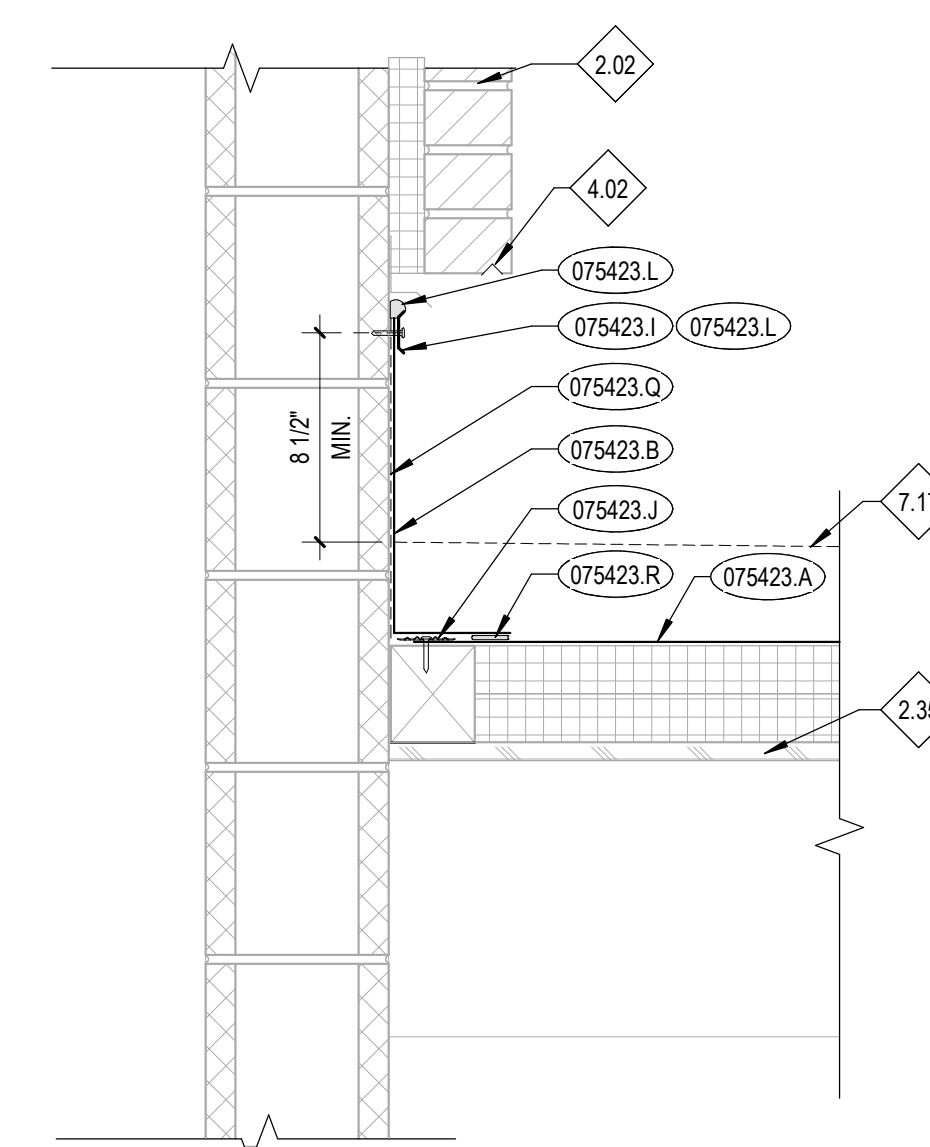
D3 PARAPET COPING
A2.91 3" = 1'-0"



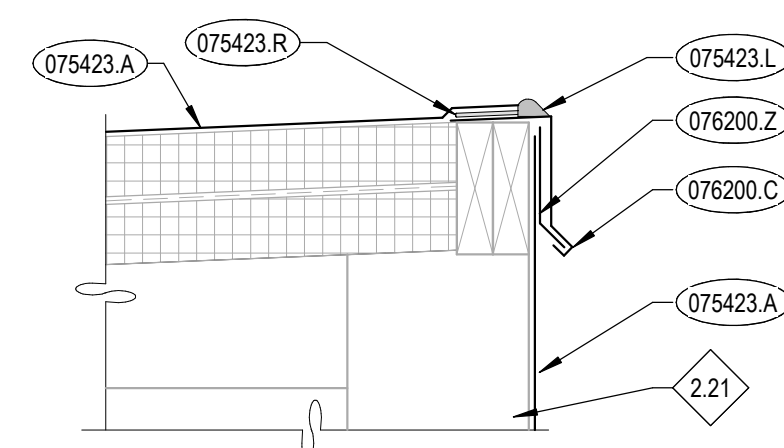
D4 TYPICAL CORNER COPING DETAIL
A2.91 1 1/2" = 1'-0"



D5 TYP. COPING SEAM DETAIL
A2.91 6" = 1'-0"



D6 VERTICAL WALL TERMINATION
A2.91 1 1/2" = 1'-0"



E5 TPO TURNDOWN TO WALL
A2.91 1 1/2" = 1'-0"

KEYNOTES

- 061053.A WOOD BLOCKING/NAILER
- 061053.I PRESURE TREATED 4X4 WOOD
- 075423.A THERMOPLASTIC-POLYOLEFIN (TPO) ROOFING
- 075423.B TPO SHEET FLASHING
- 075423.C FLEXIBLE WALKWAY
- 075423.E ROOF INSULATION
- 075423.F TAPERED INSULATION
- 075423.G VAPOR BARRIER
- 075423.I TERMINATION BAR
- 075423.J FASTENER AND PLATE
- 075423.L ROOFING MANUFACTURER'S RECOMMENDED SEALANT
- 075423.Q ROOFING MANUFACTURER'S RECOMMENDED BONDING ADHESIVE
- 075423.R HOT AIR WELD, 1-1/2" MIN.
- 076200.A PARAPET COPING
- 076200.C METAL FLASHING & TRIM
- 076200.D SURFACE MOUNTED TYPE REGLET & COUNTERFLASHING
- 076200.H NEW GALVANIZED METAL FLASHING ON A CONTINUOUS BED OF SEALANT
- 076200.Z CLEAT

REFERENCE NOTES

- 1.12 COORDINATE WITH FLOOR PLANS AND BUILDING ELEVATIONS FOR WALL CONSTRUCTION
- 2.02 PRESERVE & PROTECT EXISTING BRICK WALL.
- 2.19 EXISTING PARAPET
- 2.20 EXISTING PIPE OR CONDUIT
- 2.21 EXISTING WALL ASSEMBLY
- 2.35 EXISTING ROOF STRUCTURE SYSTEM. PRESERVE AND PROTECT. REPAIR DAMAGED AREAS TO MATCH ADJACENT FINISHES
- 2.53 EXISTING MECHANICAL EQUIPMENT TO REMAIN. PRESERVE AND PROTECT.
- 4.02 NEW DRIP EDGE GROOVE IF NOT ALREADY EXISTING
- 7.08 COPING END CLOSURE, PROVIDE FOLDED TAB UNDER COPING FACE AS SHOWN
- 7.09 LINE OF FLASHING UNDERLAP BELOW
- 7.10 EXISTING ROOF INSULATION
- 7.11 CONTINUOUS CLEAT, NAILED AT 18" O.C., TYP.
- 7.12 NEOPRENE GASKET SCREW AT 18" O.C. IN SLOTTED HOLE
- 7.13 EXISTING TAPERED ROOF INSULATION
- 7.14 OVERFLOW DRAIN WITH CAST IRON ROOF DOME.
- 7.16 FULLY ADHERED
- 7.17 TAPERED INSULATION AS OCCURS
- 7.18 DRIVE CLEAT COPING LOCK
- 7.20 PRIMARY ROOF DRAIN WITH CAST IRON ROOF DOME.
- 7.21 CLAMP RING ASSEMBLY. FURNISHED AND INSTALLED BY PLUMBING SUBCONTRACTOR
- 7.22 FLASHING CLAMP

GENERAL NOTES

- A. ALL ROOF PENETRATIONS SHALL BE FLASHED AND SEALED PER ROOF MANUFACTURER'S RECOMMENDATION
- B. ALL METAL ROOF FLASHING DETAILS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS AND REVIEWED BY THE ARCHITECT FOR DESIGN INTENT
- C. PAINT ALL EXPOSED STEEL WITH HIGH PERFORMANCE COATING.
- D. DO NOT SCALE DRAWINGS.

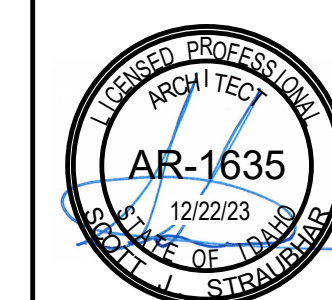
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Sheet: ROOF DETAILS

PERMIT SET



Revisions: △

Project No: 23010-00
Drawn By: KT
Checked By: PR
Date: 12/22/2023

Sheet No: A2.91