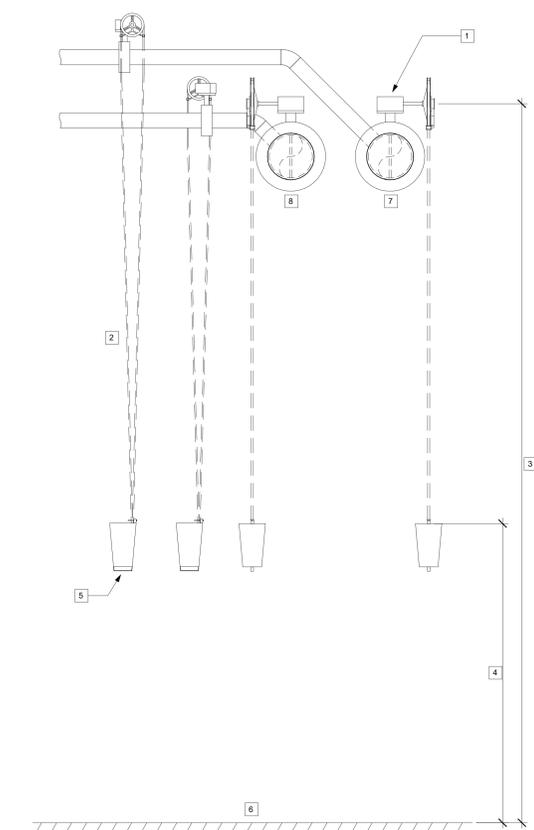
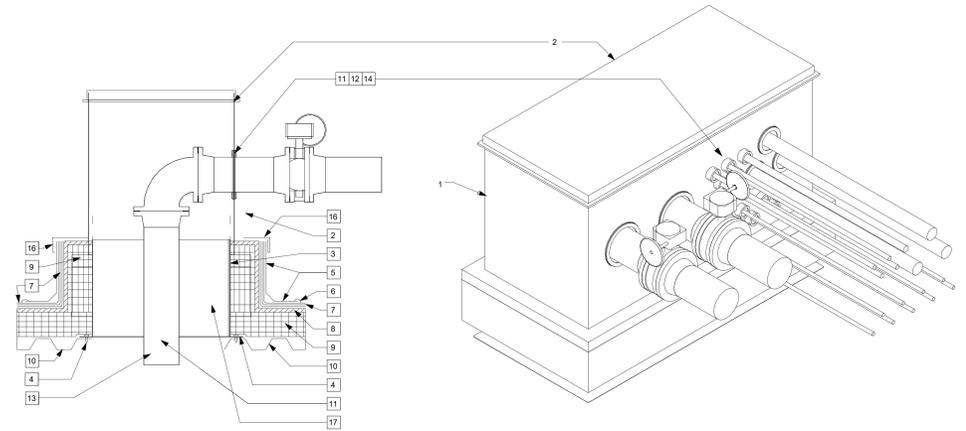


4 PIPE ROOF SUPPORT DETAIL
N.T.S.



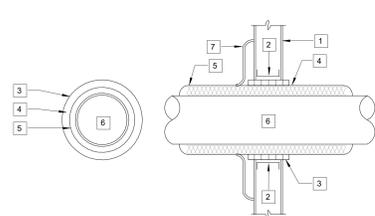
2 VALVE CHAIN WHEEL DETAIL
N.T.S.



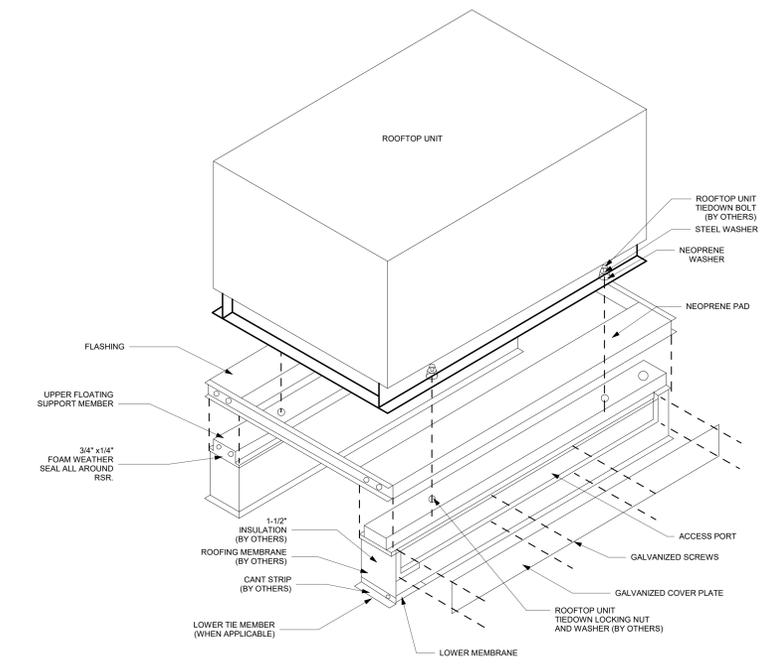
- 1 THE ROOFTOP HOUSING
- 2 MATCHING WIND RATED ALUMINUM COVER
- 3 MATCHING ALUMINUM CURB 2" HIGH MIN. CURB MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS
- 4 CURB FLANGE, FASTEN TO ROOF DECK
- 5 SBS FLASHING MEMBRANE
- 6 CONTINUOUS CAULK WITH RUBBERIZED ASPHALT SEALANT
- 7 ROOFING SYSTEM
- 8 RECOVERY BOARD
- 9 RIGID INSULATION
- 10 METAL ROOF DECK
- 11 CONDUIT, PIPE, REFRIGERANT LINE, ETC. SIZES FROM 0.25" THRU 1.90" O.D.
- 12 SERIES 5000 EXIT SEAL FOR SIZES FROM 0.25" THRU 1.90" O.D.
- 13 CONDUIT, PIPE, ETC. SIZES FROM 1.90" THRU 15" O.D.
- 14 SERIES 6000 & 7000 EXIT SEAL FOR SIZES FROM 1.90" THRU 15" O.D.
- 15 VANDAL RESISTANT STAINLESS SCREWS
- 16 ICE INSULATED CURB EXTENSION
- 17 CURB VOID TO BE INSULATED BY OTHERS TO MATCH R-RATING OF ROOF ASSEMBLY

3 ROOF VAULT PENETRATIONS TYPICAL
N.T.S.

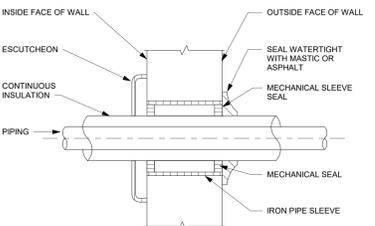
- 1 INTERIOR WALL OR PARTITION
- 2 FRAMING FOR SLEEVE OPENING, 4 SIDES OF SLEEVE BY FRAMING CONTRACTOR
- 3 14 GAUGE GALVANIZED SLEEVE WITH BUTT WELDED JOINTS
- 4 1 INCH ANNULAR SPACE FOR FIRESTOPPING THROUGH FIRE AND SMOKE BARRIER, OR 1 INCH ANNULAR SPACE FOR AIRTIGHT ACOUSTIC CAULK SEAL FOR ALL OTHER INTERIOR WALL OR PARTITION PENETRATIONS
- 5 FULL THICKNESS INSULATION WITH SPECIFIED JACKETING CARRIED THROUGH SLEEVE (SEE INSULATION FOR PIPING SECTION OF SPECIFICATIONS)
- 6 PIPE (SEE PIPING SYSTEMS SECTION OF THE SPECIFICATIONS FOR REQUIREMENTS AND PIPING FLOW DIAGRAMS FOR SIZES)
- 7 ESCUTCHEONS: PROVIDE FOR ALL PIPING PENETRATIONS EXPOSED TO VIEW. (SEE PIPING SYSTEMS SECTION OF SPECIFICATIONS FOR REQUIREMENTS)



1 INTERIOR WALL PIPE PENETRATIONS DETAIL
N.T.S.



5 ROOF CURB DETAIL
N.T.S.



6 EXTERIOR WALL PIPE PENETRATION DETAIL
N.T.S.

ISSUES

NO.	DATE	DESCRIPTION
4	1.23.2026	DESIGN DEVELOPMENT

REVISIONS

NO.	DATE	DESCRIPTION
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kw Mission Critical Engineering
 Contact: K. DREWNOWSKI Phone: 601.451.2099
 Engineer: K. COOPER License #: 23615 Exp. Date: 00/00/0000

NOT FOR CONSTRUCTION
 Date: 12/12/2025

SERVERFARM
 Clarksville, AR

MECHANICAL PIPING DETAILS

JOB US0049903.5614
 SHEET