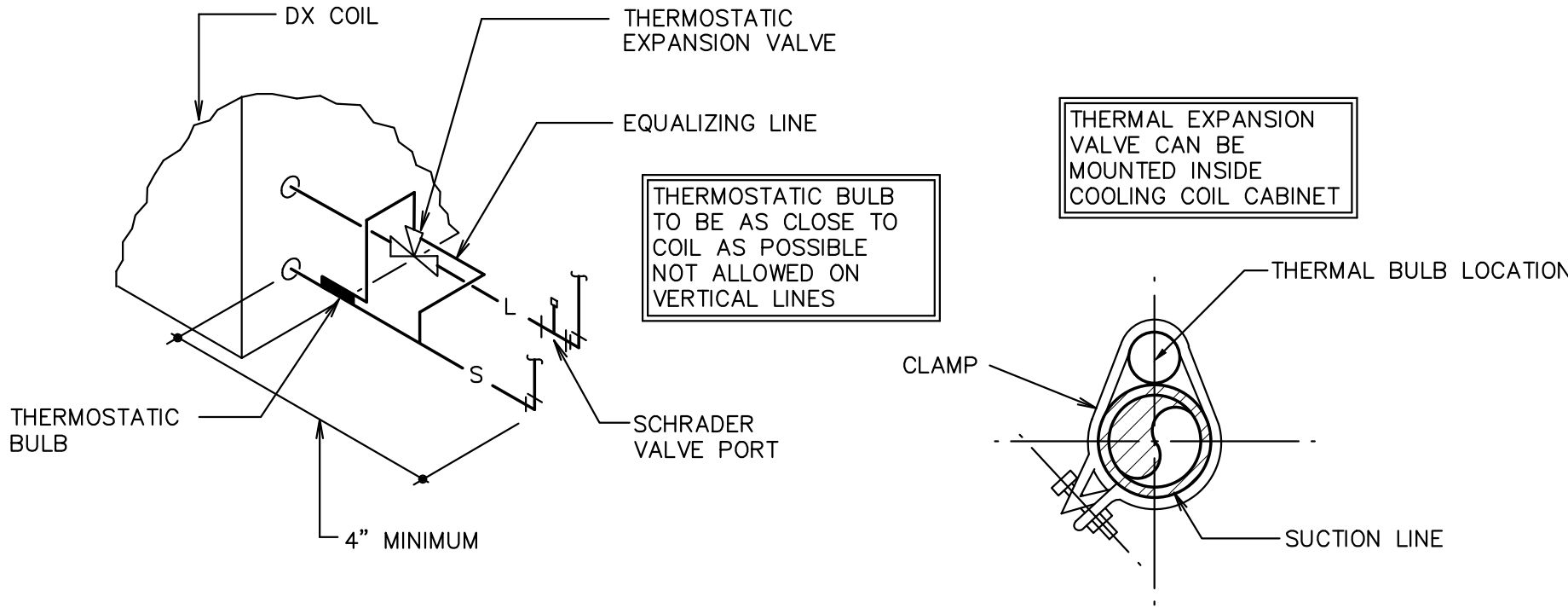
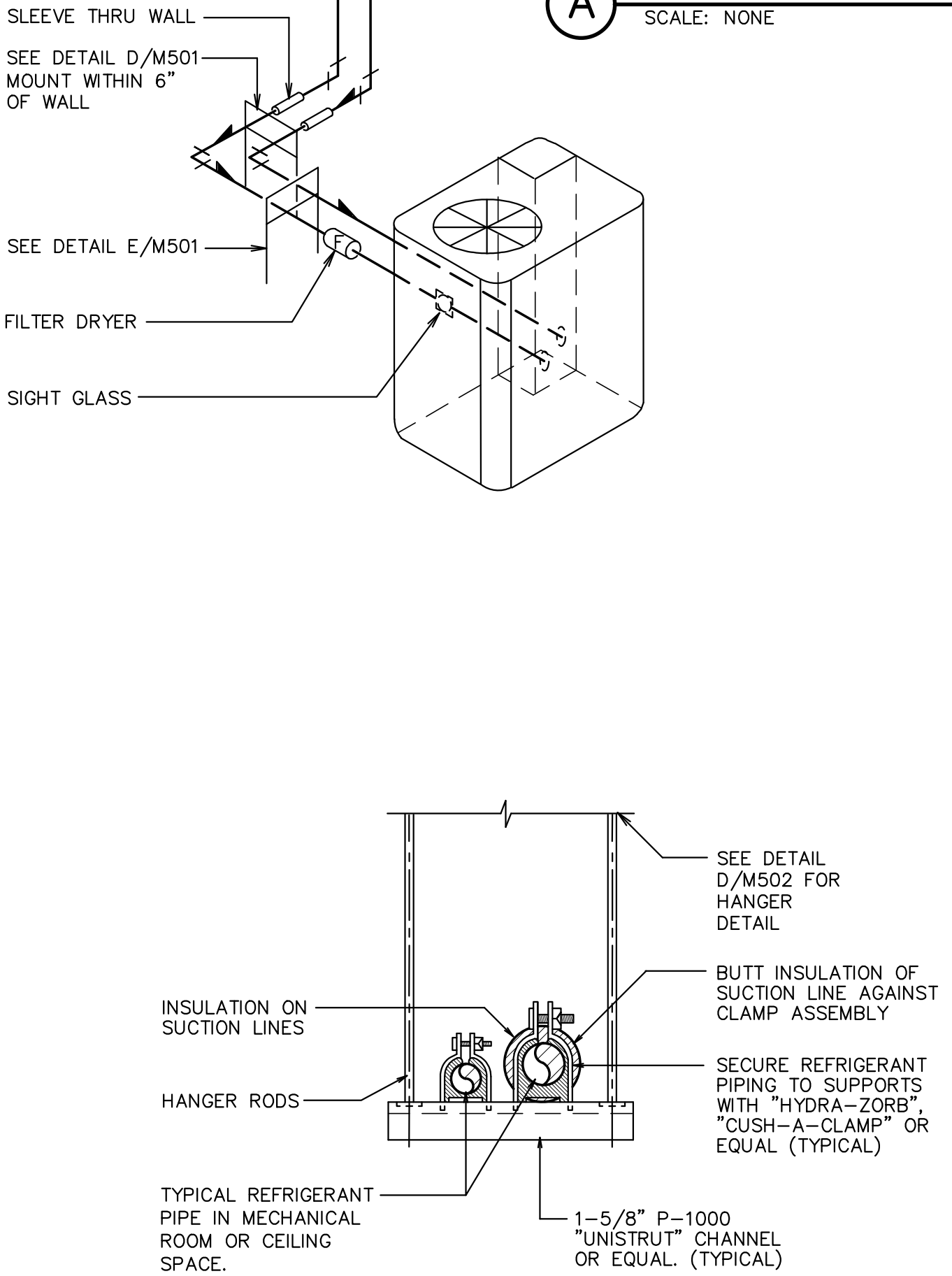


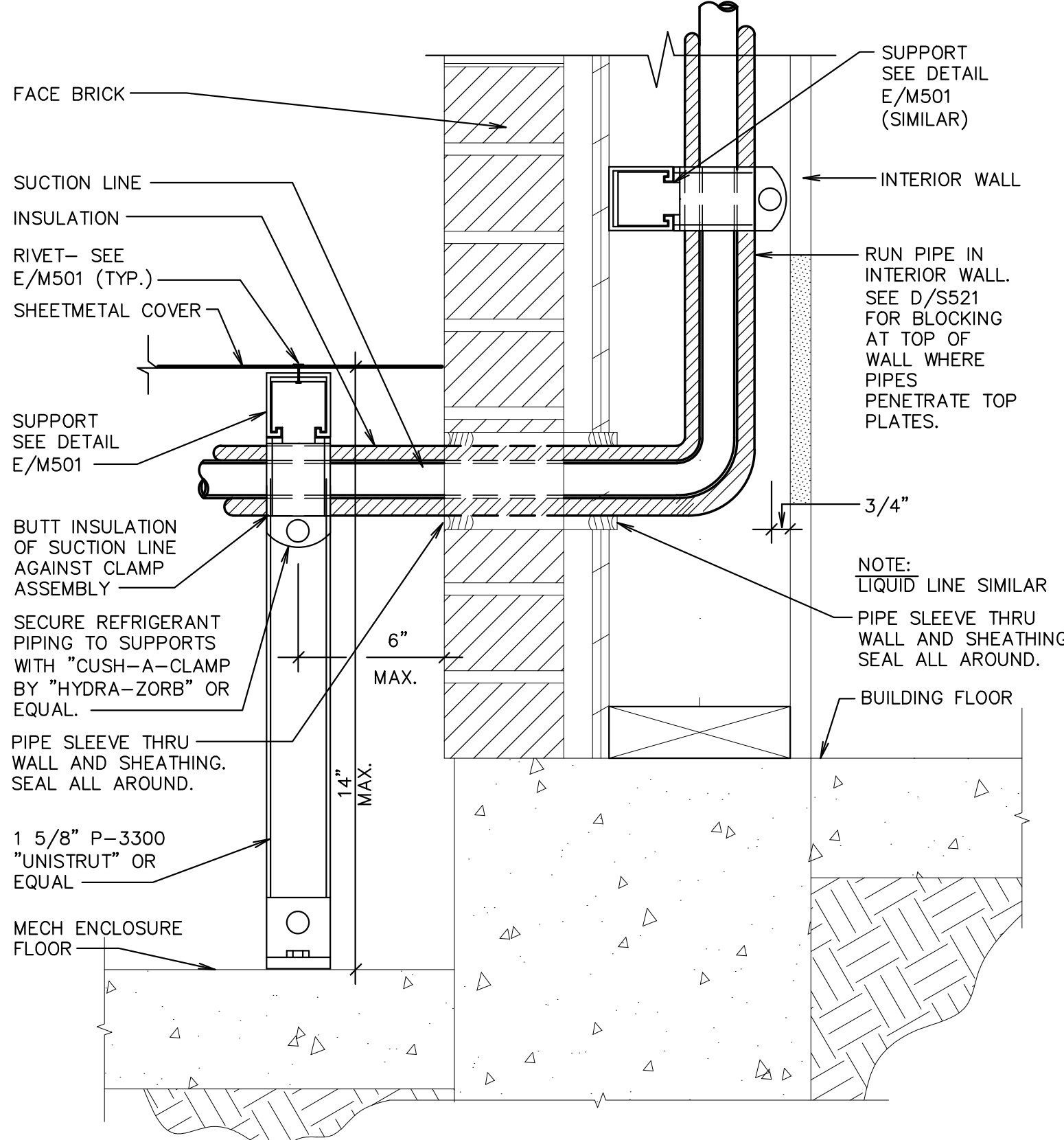
A TYPICAL REFRIGERANT SCHEME
SCALE: NONE



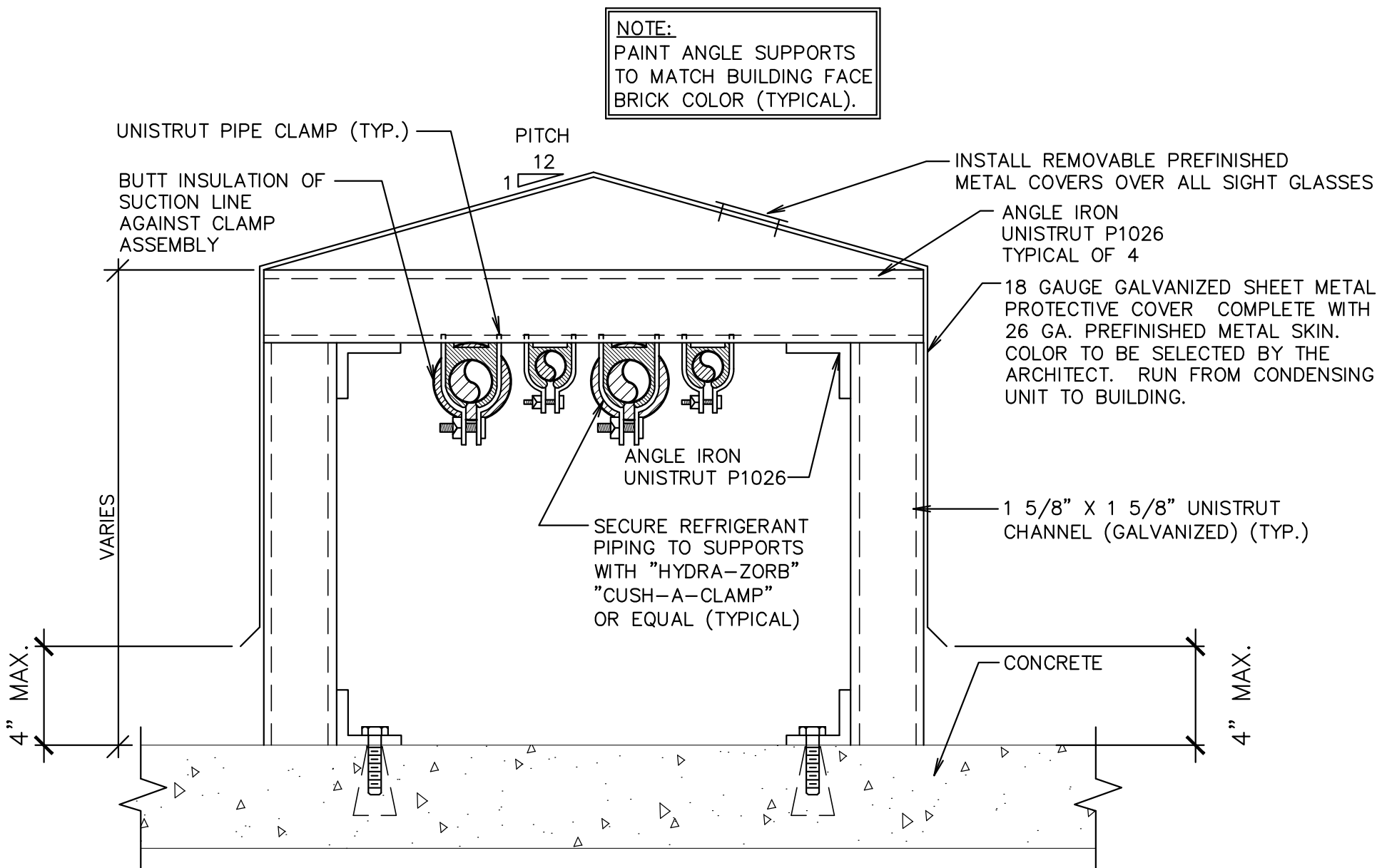
B REFRIGERANT COIL CONNECTION DETAIL
SCALE: NONE



C SUSPENDED REFRIGERANT PIPE SUPPORT AT CEILING
SCALE: NONE



D REFRIGERANT PIPE SUPPORT AT WALL
SCALE: NONE



E EXTERIOR REFRIGERANT PIPE SUPPORT DETAIL
SCALE: NONE

| REFRIGERANT PIPING LEGEND | |
|---------------------------|--|
| SYMBOL | DESCRIPTION |
| | EXPANSION VALVE. SEE DETAIL B/M501 |
| | MOISTURE INDICATING SIGHT GLASS |
| | FLEXIBLE CONNECTION |
| | FILTER DRIER |
| | PIPE SUPPORT. SEE DETAIL C/M501 |
| | EXTERIOR PIPE SUPPORT. SEE DETAILS D/M501 AND E/M501 |
| | DIRECTION OF SLOPE DOWN |
| | SUCTION LINE |
| | LIQUID LINE |
| | SCHRADER VALVE PORT |

| REFRIGERANT LINE SIZES | | |
|------------------------|--------|---------|
| SYSTEM SIZE | LIQUID | SUCTION |
| 2.0 TON | 3/8" | 3/4" |
| 2.5 TON | 3/8" | 3/4" |
| 3.0 TON | 3/8" | 7/8" |
| 3.5 TON | 3/8" | 7/8" |
| 4.0 TON | 3/8" | 7/8" |
| 5.0 TON | 3/8" | 1 1/8" |

* REFER TO COMPRESSOR UNIT SCHEDULE FOR SYSTEM SIZES. REFER TO SHEET M601.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Nov 29, 2017
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
1355 EAST CENTER, POCATELLO, IDAHO 83201

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Architect / Engineer:
nbw architects p.a.
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(208) 202-5272 (F) (208) 522-8185 (M) www.nbwarchitects.com

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New Building for:
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S&I
Project Address

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

| Mark | Date (y-m-d) | Description |
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Project Number:
16059
Plan Series:
SEM07-04-10
Property Number:

Sheet Title:
MECHANICAL DETAILS

Sheet:
M501