GENERAL NOTES

1. VAULT AND ALL OVERALL COMPONENTS DESIGN TEMPERATURE OF 212°F.
2. GENERIC DETAILS ONLY. SEE PLANS/DATA FOR ALL VAULT SPECIFICS INCLUDING COMPONENTS, VAULT GEOMETRY, LOCATIONS OF ALL ELEMENTS, PIPE ANCHORING ETC.

KEY NOTES

1. FIXED LADDER, ON WALL OPPOSITE SUMP, CENTER TO ACCESS HATCH.
2. TERMINATE STARTUP/BLOW DOWN DISCHARGE 1/2" BELOW ACCESS HATCH (HANDLE POINTING DOWN) 2" BELOW DISCHARGE (FOR EASY ACCESS WHEN OPEN DURING VENTING STARTUP).
3. IF VENT COFFER PROVIDED, ROUTE HIGH VENT SIDE VIA CORE DRILL AND LINK-SEAL.
4. LOW POINT DRAIN.
5. STEAM TRAP ASSEMBLY, NOT UNDER OR BETWEEN STEAM AND CONDENSATE PIPES. IF VENT COFFER PROVIDED, ROUTE HIGH VENT SIDE VIA CORE DRILL AND LINK-SEAL.
6. 36" X 36" ACCESS HATCH, H-20 RATED (FOR ALL VAULTS REGARDLESS OF LOCATION), NON-SKID TREAD, HINGED, AND LOCKABLE. LOCATE TIGHT TO VERTICAL WALLS.
7. ELECTRICAL J-BOX, 16 X 16 X 6 (NOMINAL). ALSO SEE ELECTRICAL DETAILS AND SUMP PUMP DETAILS.
8. SUMP PUMP J-BOXES, ALSO SEE ELECTRICAL DETAILS AND SUMP PUMP DETAILS.
9. SUMP PUMP, TYPICAL (SEE SUMP PUMP DETAIL(S)).
10. AS DICTATED ON A PROJECT BY PROJECT BASIS. DOUBLE LAYER (4") OF 2" RIDGID FOAM BOARD, NON OVERLAPPING SEAMS.
11. VAULT/TUNNEL VENTILATION OPTIONS (DETERMINED BY UNL FACILITIES UTILITIES ENGINEERING ON A PROJECT BY PROJECT BASIS). OPTIONS INCLUDE: 4" TO 8" DIAMETER STAINLESS STEEL GOOSENECKS, VENTED BILCO DOOR, VENT COFFER, NONE, OR OTHER.
12. MINIMUM 18" DISTANCE FROM DIRECT-BURY PIPE TERMINATION WITHIN VAULT TO ANY DIP LEG, VALVE, EXPANSION JOINT, OR TAP/TIE-IN.
13. SLOPE ENTIRE FLOOR TOWARD SUMP, 1/2" PER FT.
14. SEAL ALL CONDUIT PENETRATIONS WITH CAULK RATED FOR 212°F.
15. IF VENT COFFER PROVIDED, ROUTE TO HIGH VENT SIDE VIA CORE DRILL AND LINK-SEAL.
16. ROUTE DIRECT BURY CONDUIT TERMINATION NEAR VAULT HATCH. CAN HEADER TOGETHER VENTS.
17. SEE VAULT INSULATION DETAIL(S) FOR INSULATING PIPE.
18. PROVIDE LADDER WITH RUNGS 12" O.C. AND 18" SEPARATION BETWEEN SIDE RAILS. SIDES OF LADDER SHALL BE 3"X1/2" GALVANIZED FLAT BAR. LADDER RUNG SHALL BE McNICHOLS TRACTION TREAD TYP-GALVANIZED, 13 GA. 4 ROW 2.25" WIDE (ITEM# M1RLST4460). LADDER SHALL HAVE INTEGRAL FEET TO BE BOLTED TO THE FLOOR. PRE-PUNCHED HOLES AT 12" INTERVALS SHALL BE PROVIDED FOR INSTALLING WALL BRACKETS CAPABLE OF BEING BOLTED TO WALL. DO NOT USE CONCRETE IMBEDDED RUNG STYLE LADDER.
19. RUN AT NOMINAL 4'-0" A.F.F. TO REDUCE POTENTIAL FOR FREEZING.
20. CONDUIT FOR FUTURE CONTROLS (TERMINATE SENSORS, HIGH WATER LEVEL) WIRING.

Vault Overall Details

1/4"=1'-0"

Vault Overview Details

2019-11-01
N.T.L.

Facilities Planning & Construction

Vault Details and Construction

Scale Detail

 Vault Details

Plan View

Vault Details

Section View