

GENERAL NOTES

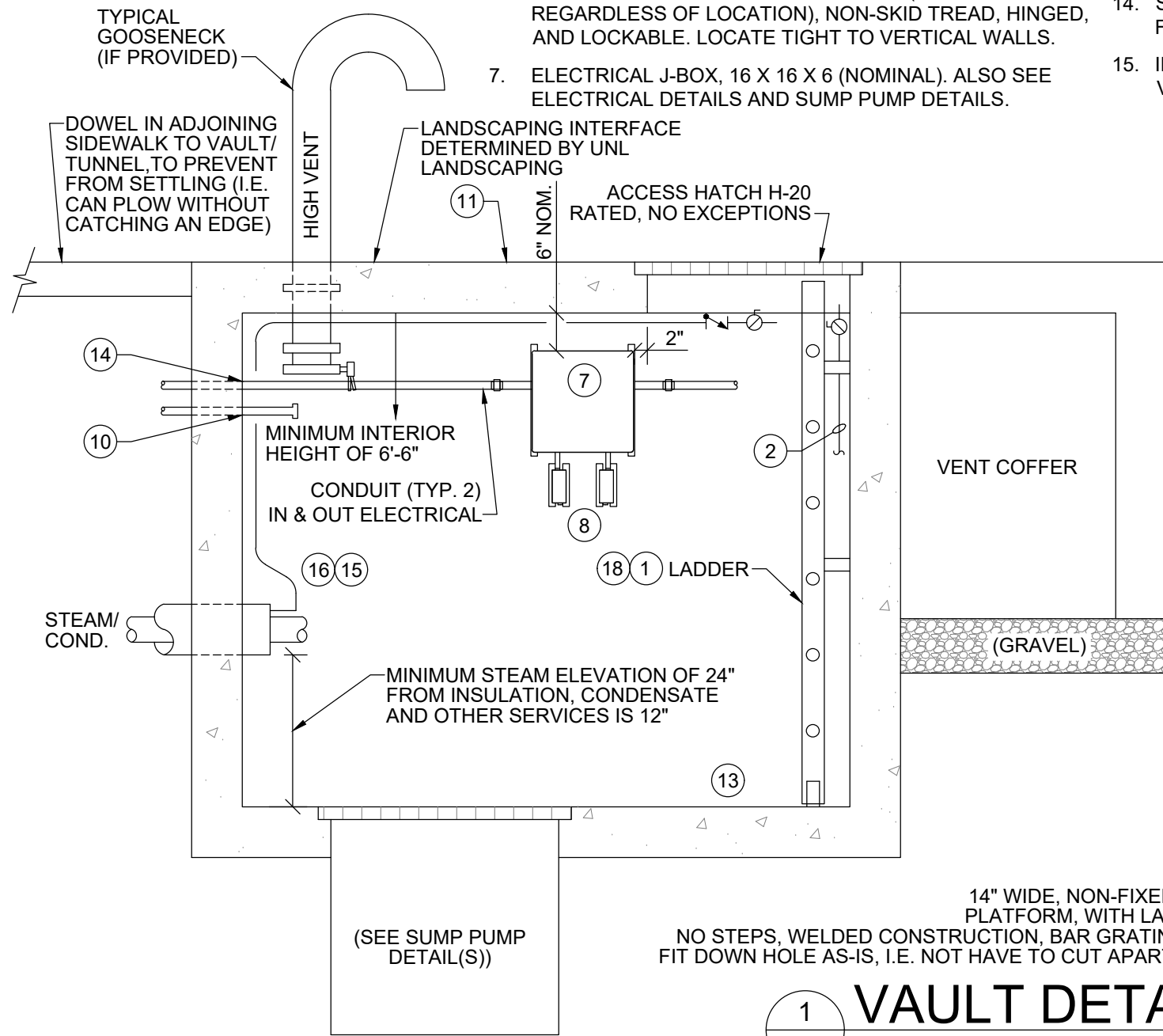
1. VAULT AND ALL OVERALL COMPONENTS DESIGN TEMPERATURE OF 212°F.
2. GENERIC DETAILS ONLY. SEE PLANS/DETAILS FOR ALL VAULT SPECIFICS INCLUDING COMPONENTS, VAULT GEOMETRY, LOCATIONS OF ALL ELEMENTS, PIPE ANCHORING ETC.

KEY NOTES

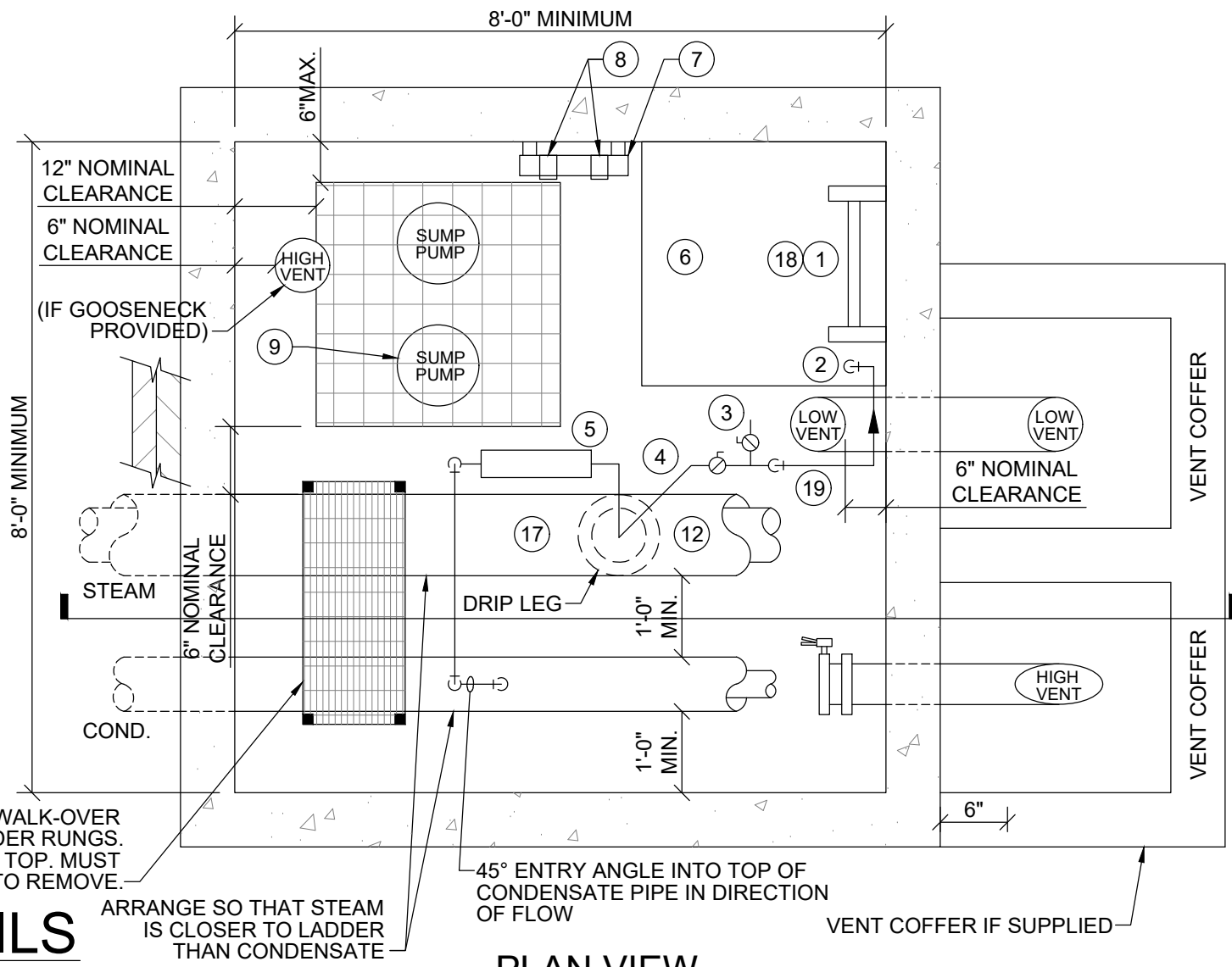
1. FIXED LADDER, ON WALL OPPOSITE SUMP, CENTER TO ACCESS HATCH.
2. TERMINATE STARTUP/BLOW DOWN DISCHARGE 1/2" BELOW ACCESS HATCH LID. LOCATE BALL VALVE (HANDLE POINTING DOWN) 2" BELOW DISCHARGE (FOR EASY ACCESS WHEN OPEN DURING VENTING STARTUP). IF VENT COFFER PROVIDED, ROUTE HIGH VENT SIDE VIA CORE DRILL AND LINK-SEAL.
3. LOW POINT DRAIN.
4. 1" DRIP LEG BLOWDOWN.
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 POWER J-BOXES. ALSO SEE ELECTRICAL DETAILS AND SUMP PUMP DETAILS.
9. SUMP PUMP, TYPICAL (SEE SUMP PUMP DETAIL(S)).
10. CONDUIT FOR FUTURE CONTROLS (TERMINATE SENSORS, HIGH WATER LEVEL) WIRING.
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 DRIP 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# M3LRST4460). 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.



SECTION VIEW



PLAN VIEW

1 VAULT DETAILS
1.01 SCALE: 1/2"=1'-0"

14" WIDE, NON-FIXED WALK-OVER PLATFORM, WITH LADDER RUNGS. NO STEPS, WELDED CONSTRUCTION, BAR GRATING TOP. MUST FIT DOWN HOLE AS-IS, I.E. NOT HAVE TO CUT APART TO REMOVE.

ARRANGE SO THAT STEAM IS CLOSER TO LADDER THAN CONDENSATE

45° ENTRY ANGLE INTO TOP OF CONDENSATE PIPE IN DIRECTION OF FLOW

VENT COFFER IF SUPPLIED