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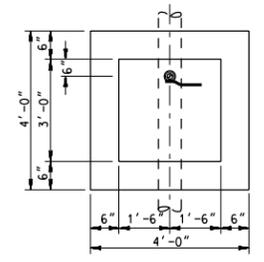
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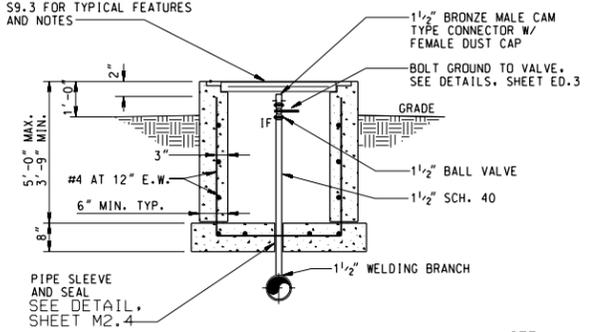
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A



PLAN VIEW

3'-0" X 3'-0" ALUMINUM OR GALVANIZED STEEL SINGLE LEAF PIT DOOR. SEE SHEET S9.3 FOR TYPICAL FEATURES AND NOTES

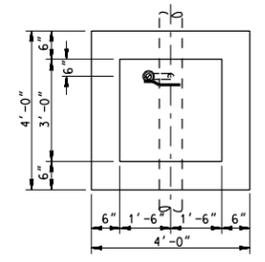


ELEVATION

HIGH POINT VENT PIT DETAIL GENMD.3

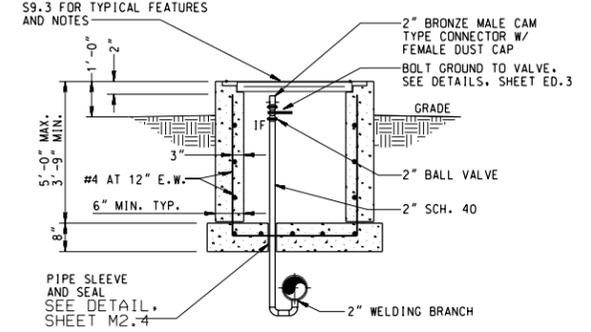
SCALE : 1/2 INCH = 1 FOOT

NOTE:
SITE FROST DEPTH FOR BOTTOM OF PIT.



PLAN VIEW

3'-0" X 3'-0" ALUMINUM OR GALVANIZED STEEL SINGLE LEAF PIT DOOR. SEE SHEET S9.3 FOR TYPICAL FEATURES AND NOTES



ELEVATION

LOW POINT DRAIN PIT DETAIL GENMD.3

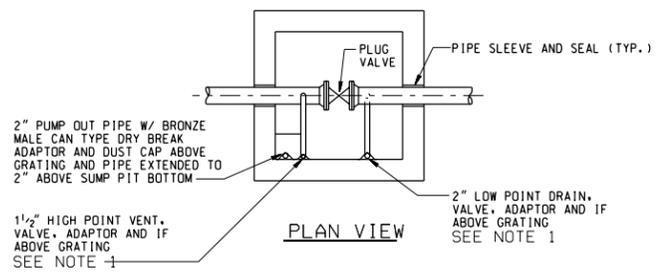
SCALE : 1/2 INCH = 1 FOOT

NOTES:

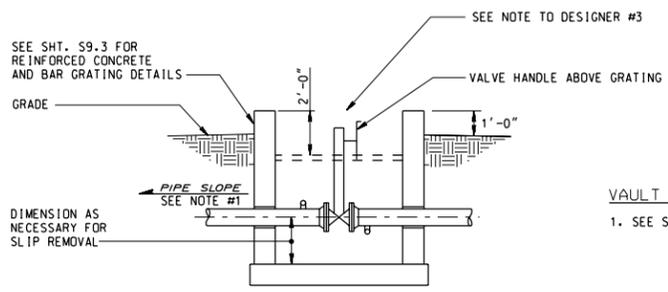
1. PROVIDE A 1 1/2" HIGH POINT VENT AND A 2" LOW POINT DRAIN WITH INSULATING FLANGES AT EACH ISOLATION PIT WITH THE DRAIN CONNECTIONS AT THE HIGHER SIDE OF THE VALVE WHEN LOOKING AT THE SLOPE OF PIPE. AND THE VENT CONNECTION AT THE LOWER SIDE OF THE VALVE. VENT AND DRAIN SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND VALVES AND QUICK DISCONNECTS SHALL BE LOCATED ABOVE THE GRATE. PROVIDE A 1/8" THICK BUNA-N. RAP AROUND THE VENT AND DRAIN PIPE AT THE SUPPORTS.

NOTES TO THE DESIGNER:

1. ALL PITS SHOWN ON THIS SHEET ARE FOR OFF-SHOULDER AND OFF APRON AREAS. PROVIDE FIBERGLASS LINER AS DIRECTED BY COMMAND FUEL FACILITIES ENGINEER. SEE DETAILS ON SHEET S9.2.
2. REINFORCED CONCRETE FOR THE VAULT SHALL BE DESIGNED FOR SITE SPECIFIC LOADINGS INCLUDING THE EFFECTS OF LATERAL EARTH PRESSURE, HYDROSTATIC PRESSURE AND THE EFFECTS OF SURCHARGE. DESIGN OF THE VAULT SHALL INCORPORATE THE USE OF WATERSTOPS AT CONSTRUCTION JOINTS, ON THE FORM TIES, AND INCREASED CONCRETE COVER ON REBAR TO PREVENT CORROSION. SEE SHEET S9.3 FOR TYPICAL DETAILS. WHERE THE SOILS INVESTIGATION INDICATES THE WATER TABLE MAY RISE ABOVE THE FLOOR OF THE VAULT OR WHERE PREVIOUS EXPERIENCE INDICATES WATER LEAKAGE HAS BEEN A PROBLEM IN BELOW GRADE STRUCTURES, ADDITIONAL MEASURES MAY BE REQUIRED TO CONTROL MOISTURE INFILTRATION INTO THE VAULT.
3. ROLLING PIT COVER ON OR GALVANIZED STEEL LEAF PIT DOOR AS DIRECTED BY COMMAND FUEL FACILITIES ENGINEER.



PLAN VIEW

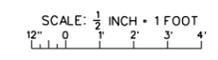


ELEVATION

ISOLATION VAULT GENMD.3

NO SCALE

VAULT NOTES:
1. SEE STRUCTURAL SHEET S9.1 FOR ROLLING PIT COVER.



| REVISIONS | | | |
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| SYMBOL | DESCRIPTIONS | DATE | APPROVED |
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|---|---|--|---------------------------------|
| ROBERT AND COMPANY 96 POPLAR ST., N.W. ATLANTA, GA 30335 | US ARMY ENGINEER DISTRICT CORPS OF ENGINEERS DUNHAM, NE | AIR FORCE C.E. SUPPORT AGENCY 139 BARNES DRIVE, SUITE #1 TYNDALL AFB, FL 32403-5314 | |
| DESIGNED BY: J. J. P. | AIR FORCE STANDARDS PRESSURIZED HYDRANT FUELING SYSTEM TYPE III FUEL PIT DETAILS (OFF APRON) | | |
| DRAWN BY: P. R. W. | | | |
| CHECKED BY: M. T. S. | | | |
| REVIEWED BY: S. G. E. | | | |
| SUBMITTED BY: CHIEF: MECH. SECTION | PLOT SCALE RATIO: 2:1 DESIGN FILE: SD18MD03.DGN SPEC. NO.: 78-24-28-88 | DATE: REV. #1 NOV. 1998 DRAWING CODE: AW 78-24-28 | SHEET REFERENCE NUMBER: MD.3 |