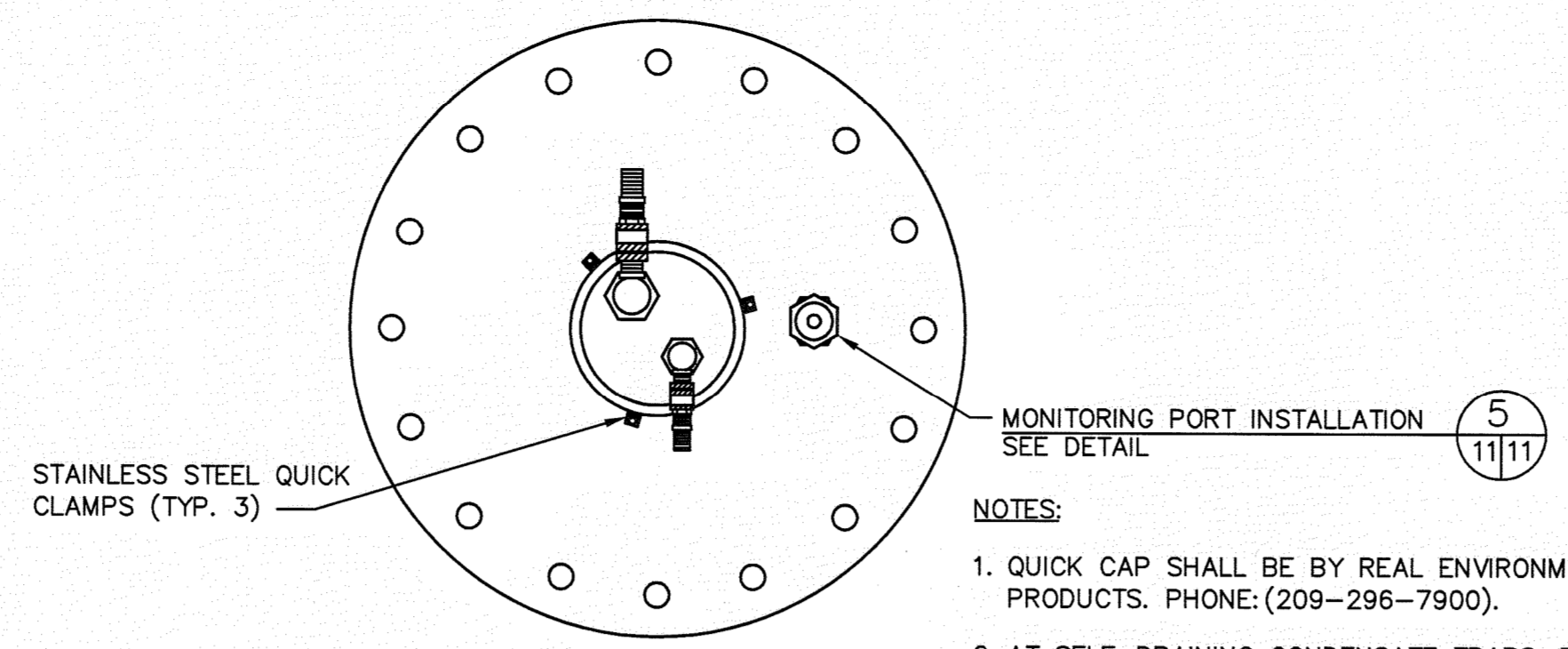
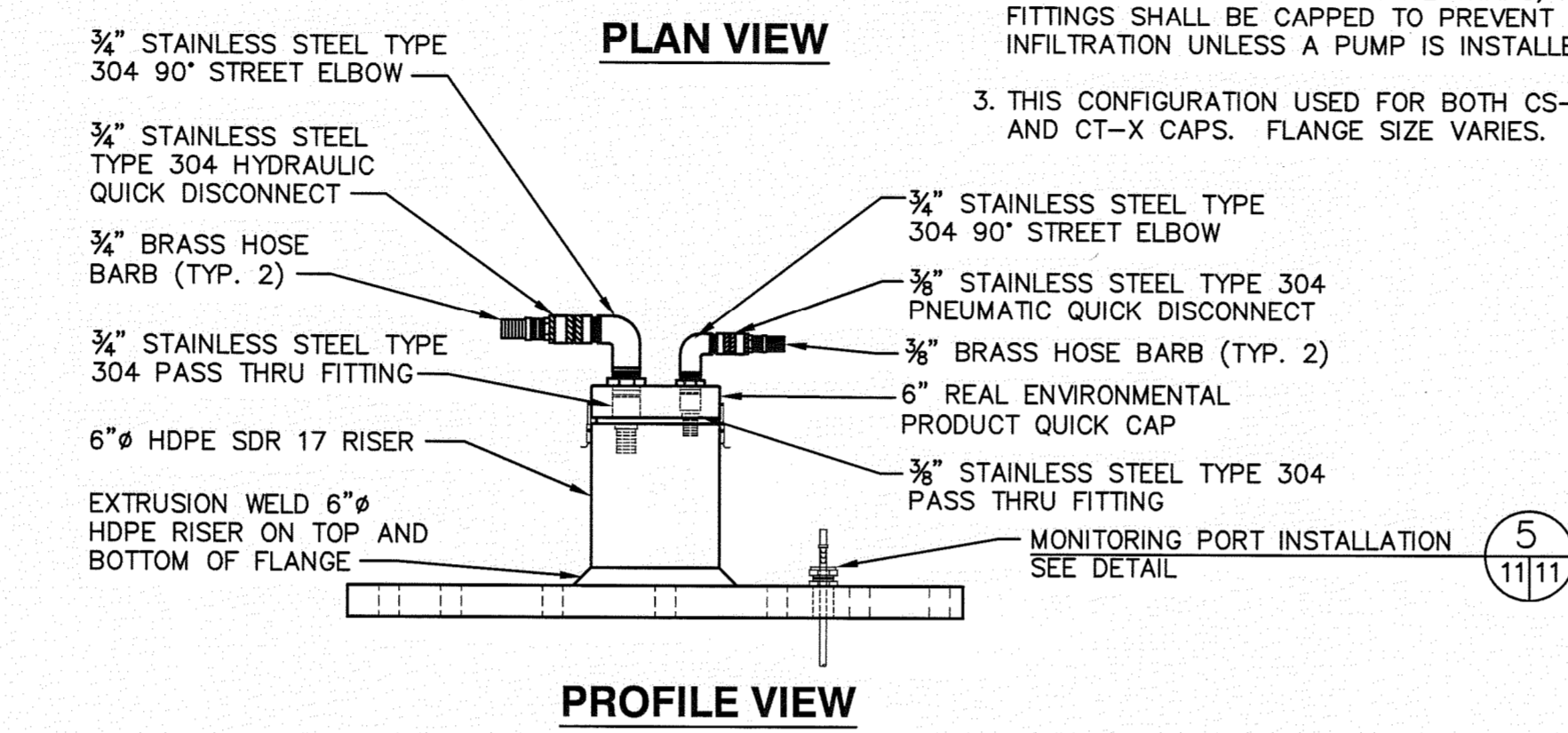


SELF-DRAINING CONDENSATE TRAP DETAIL
NOT TO SCALE
3.4.5.6 11

- NOTES:**
- CONDENSATE TRAP WAS FILLED WITH WATER PRIOR TO SYSTEM STARTUP.
 - AIR SUPPLY LINE AND DEWATERING DISCHARGE LINE WERE RUN TO TRAP TO ACCOMMODATE A FUTURE PUMP IF NECESSARY.
 - CONTRACTOR SHALL INSTALL 4 BOLLARDS IN SQUARE PATTERN WITH CORNERS 4 FEET FROM CENTER OF CONDENSATE TRAP. BOLLARDS SHALL BE CONCRETE-FILLED PVC PIPES, 6" X 7'-6" TALL. BOLLARDS WERE PAINTED SAFETY YELLOW.
 - ENTIRE SURFACE OF BOLTS, WASHERS, NUTS AND BACKUP RINGS WERE THOROUGHLY COATED WITH POLYCOAT RUBBERIZED PRIMER AFTER TIGHTENING BOLTS. FLANGE WAS WRAPPED IN PLASTIC WRAP PRIOR TO BACKFILLING.

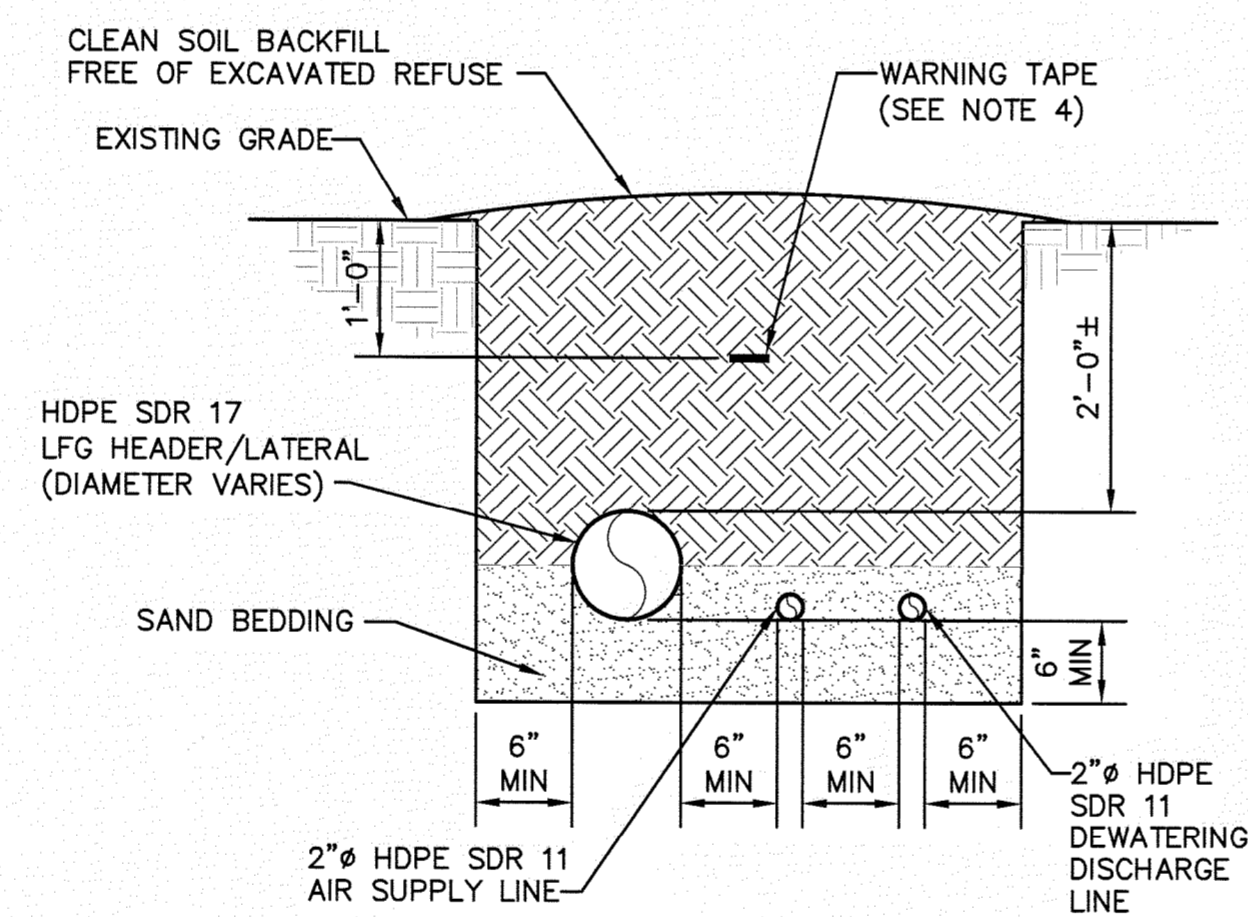


PLAN VIEW



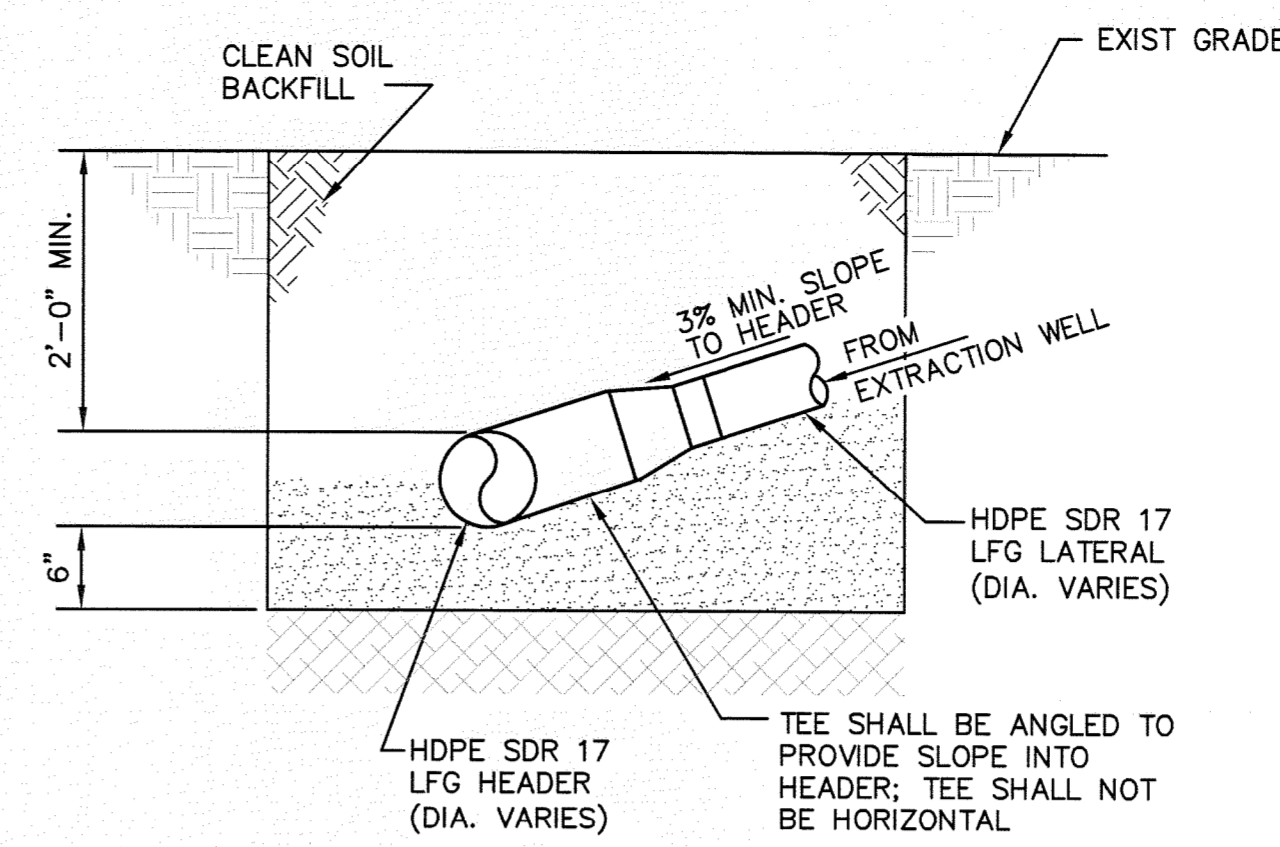
PROFILE VIEW

FLANGED LID WITH QUICK RELEASE CAP DETAIL
NOT TO SCALE
11.12 11



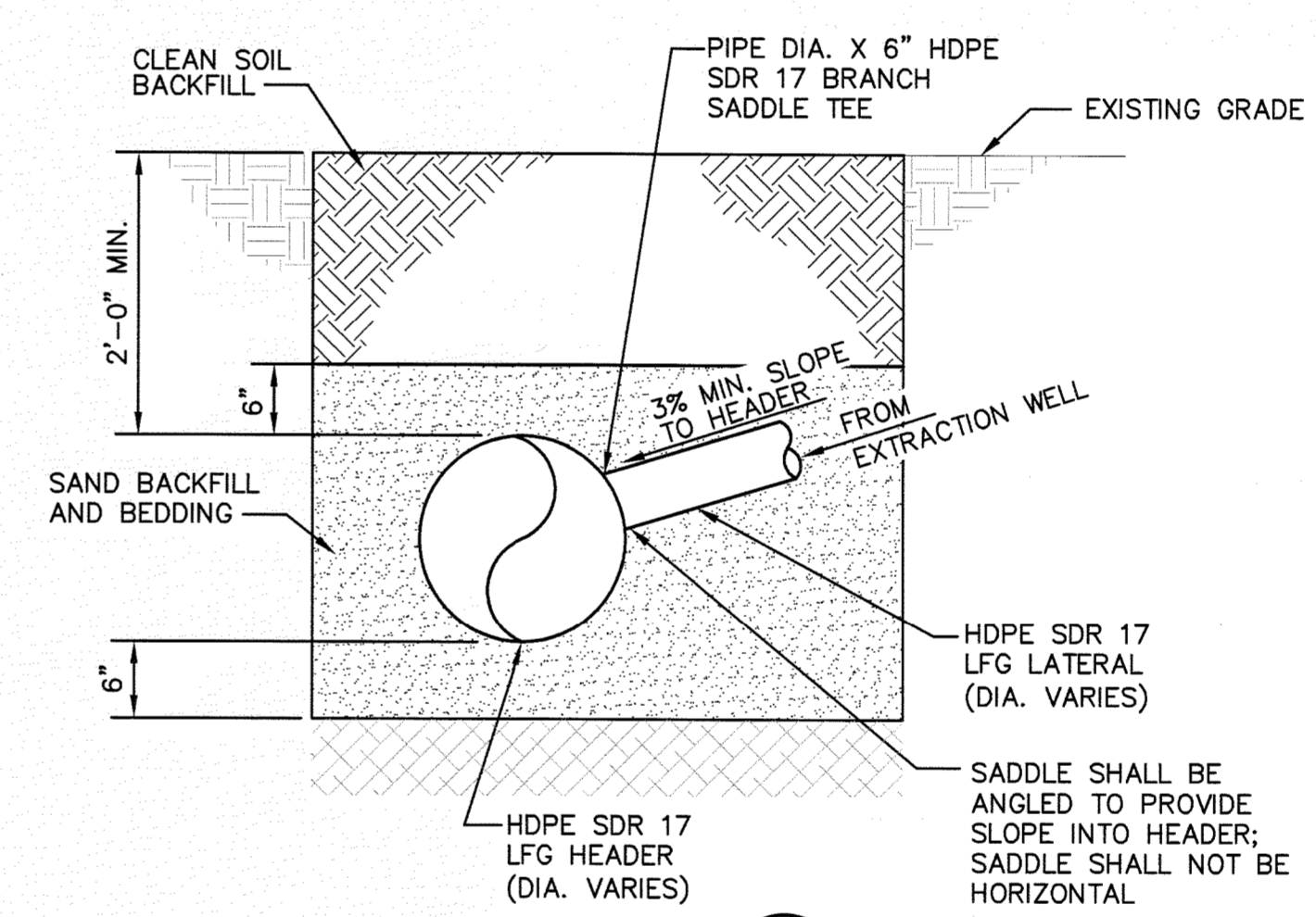
HEADER/LATERAL TRENCH DETAIL
NOT TO SCALE
4.5.6 11

- NOTES:**
- HEADER ARE HDPE SDR 17, WITH THE DIAMETERS AND SLOPES AS SHOWN ON THE PLANS.
 - LFG LATERALS ARE SDR 17 WITH THE DIAMETERS SHOWN ON THE PLANS, AND INSTALLED WITH MINIMUM 3% SLOPE.
 - DEWATERING DISCHARGE LINE AND AIR SUPPLY LINE ARE 2" HDPE SDR 11.
 - WARNING TAPE FOR HEADER/LATERALS IS A MIN. 3" WIDE AND IMPRINTED WITH "GAS LINE BURIED BELOW".



SECTION VIEW A
NOT TO SCALE
11/11

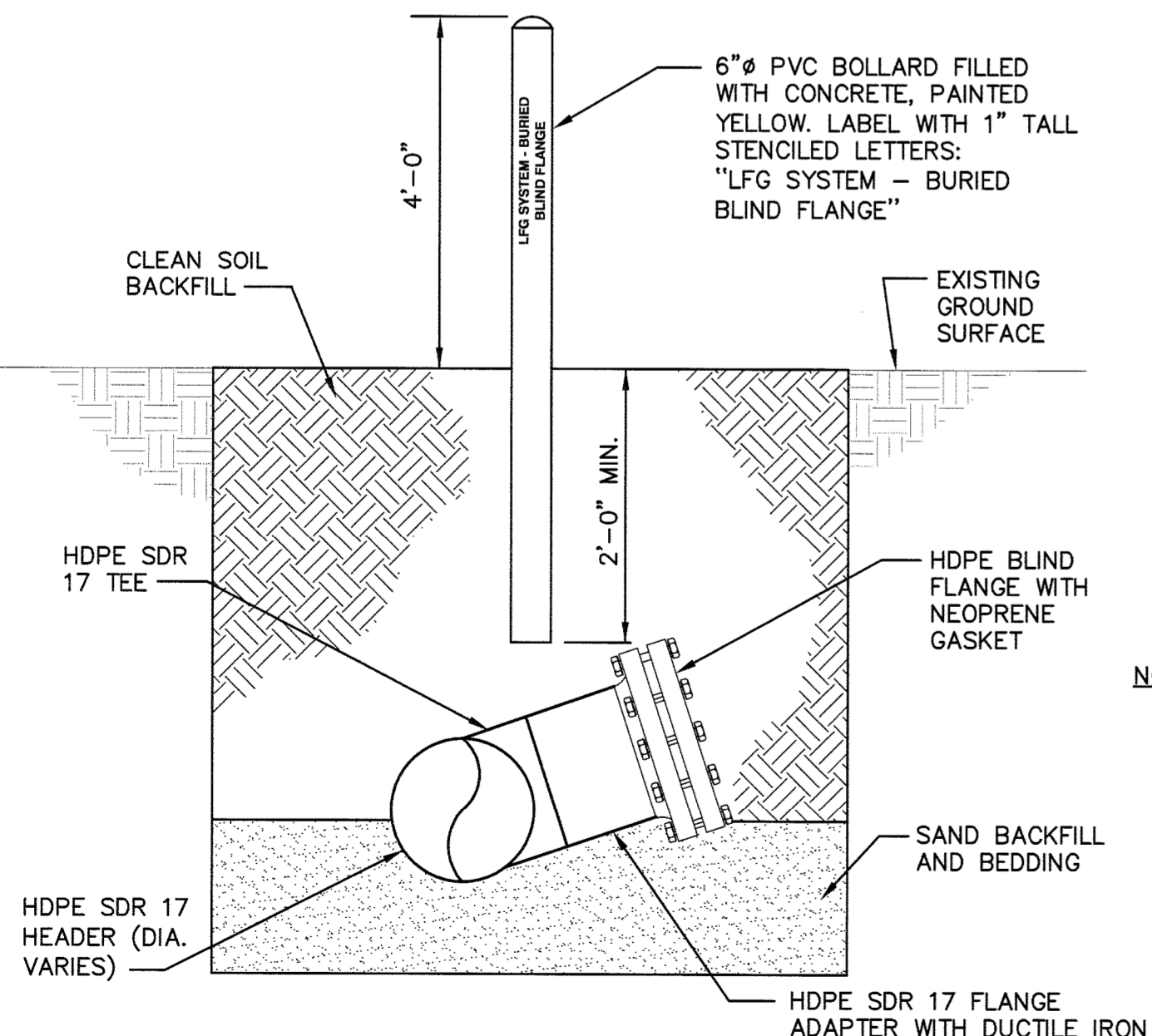
LFG LATERAL TIE-IN WITH TEE DETAIL
NOT TO SCALE
1 5 11



SECTION VIEW B
NOT TO SCALE
11/11

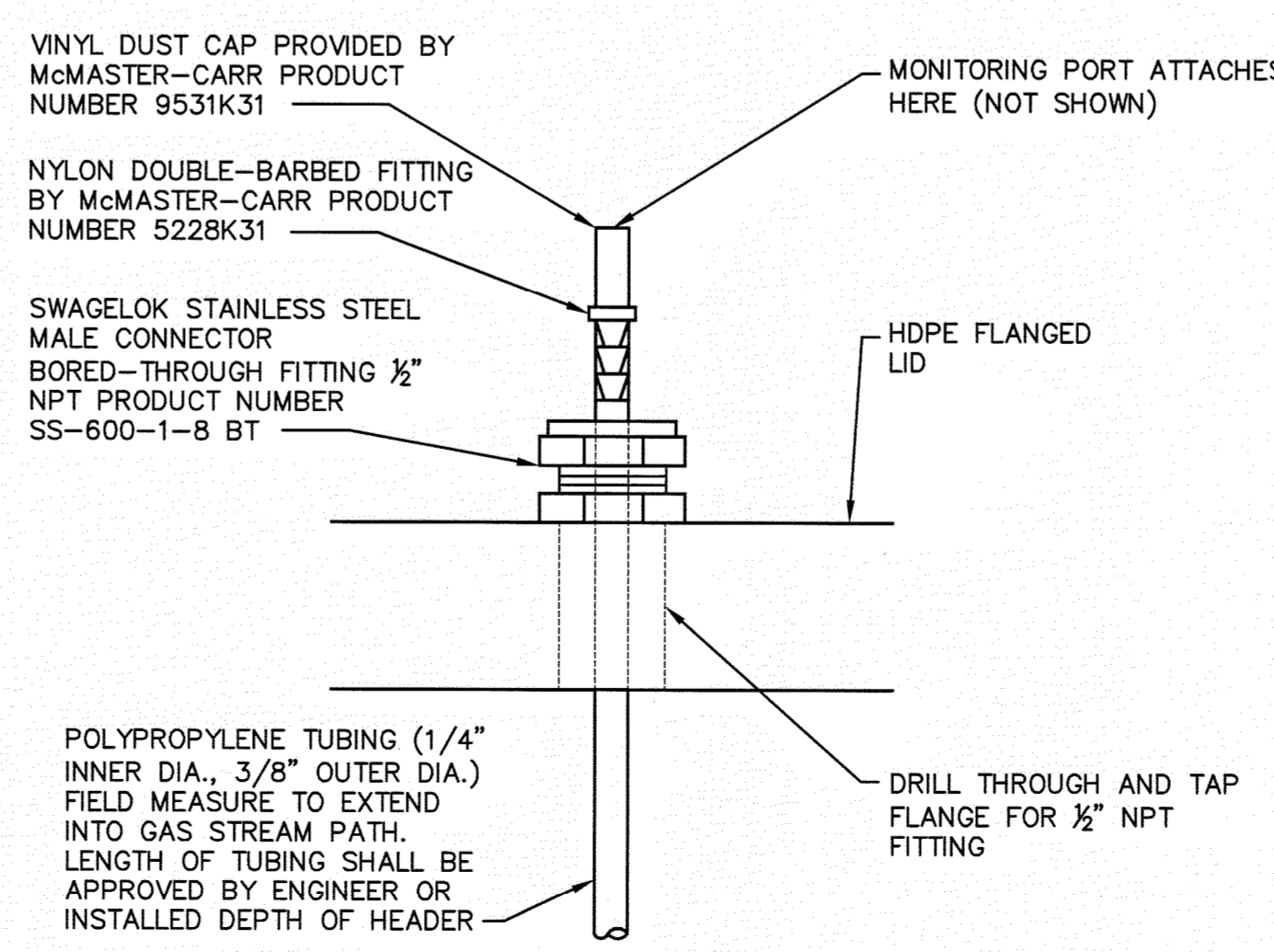
LFG LATERAL TIE-IN WITH BRANCH SADDLE DETAIL
NOT TO SCALE
4.5.6 11

- NOTES:**
- MOLDED HDPE TEES WERE INSTALLED FOR ALL TIE-INS OF LATERALS TO HEADERS OR OTHER LATERALS 10" AND LARGER. TEE WAS ANGLED TO MAINTAIN SLOPE INTO THE HEADER AS SHOWN IN SECTION VIEW.
 - 1' MIN. OF SAND WAS PLACED BELOW EACH TEE. THE SAND WAS INSTALLED SO IT EXTENDED 3' MIN. IN EACH DIRECTION OF THE TEE. SAND WAS SLIGHTLY MOISTENED AND HAND-TAMPED PROVIDING SUPPORT TO ALL POINTS OF THE TEE. CLEAN, GRADED SOIL WAS HAND-TAMPED ABOVE TEE (1' MIN.) BEING CAREFUL TO ELIMINATE VOIDS.

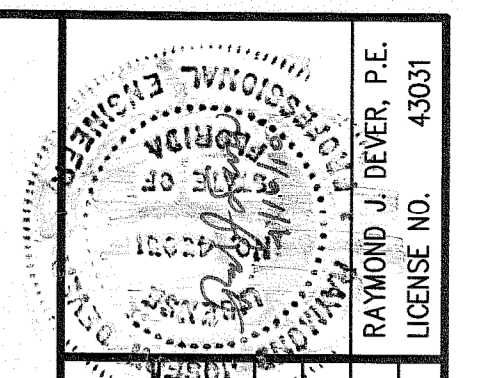


BURIED BLIND FLANGE FOR FUTURE EXPANSION DETAIL
NOT TO SCALE
3.6 11

- NOTES:**
- ENTIRE SURFACE OF BOLTS, WASHERS, NUTS AND BACKUP RINGS WERE THOROUGHLY COATED WITH POLYCOAT RUBBERIZED PRIMER AFTER TIGHTENING BOLTS. FLANGE WAS WRAPPED IN PLASTIC WRAP PRIOR TO BACKFILLING.
 - FLANGE WAS INSTALLED WITH THE PROPER SLOPE ANGLE TO PROVIDE FOR FUTURE CONDENSATE DRAINAGE.



MONITORING PORT DETAIL (TYP.)
NOT TO SCALE
10.11.12 11



| REV | DATE | DESCRIPTION |
|-----|---------|------------------------|
| 1 | 4/15/10 | REVISED FOR THE RECORD |

DETAILS - 4
DRAWING TITLE
SOUTHEAST COUNTY LANDFILL LANDFILL GAS COLLECTION AND CONTROL SYSTEM PROJECT
PROJECT TITLE

HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT TAMPA, FLORIDA

CLIENT
SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
401 PARK CHASE RD., SUITE 100, TAMPA, FL 33610
813.821.0888 FAX 813.823.2575
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00004892
OWNER: SDA, RDJ
DATE: APR 16 2010
SOUTHWEST DISTRICT TAMPA

CADD FILE: 075500DET1
DATE: OCTOBER 8, 2008
SCALE: NOT TO SCALE
DRAWING NO.