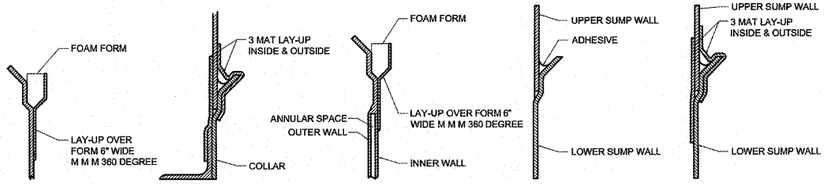
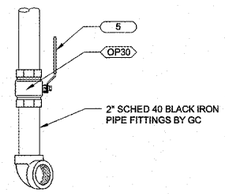


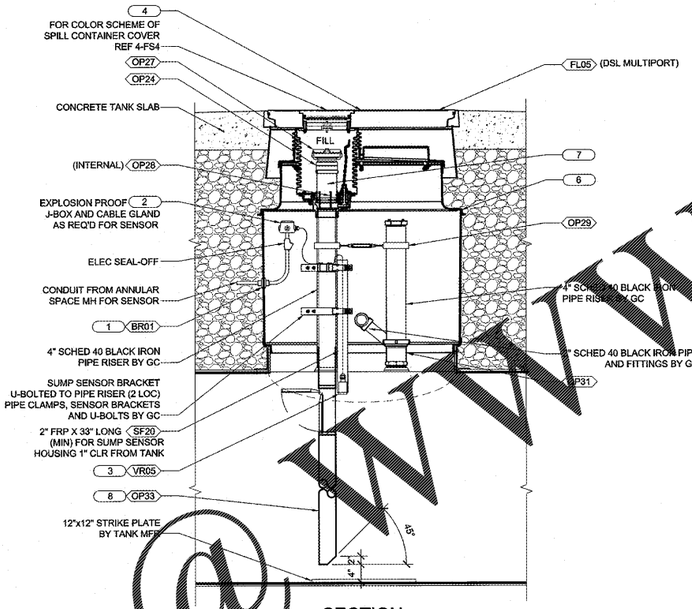
LAY-UP SAMPLES SHOWN ARE FOR REFERENCE ONLY. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR SPECIFIC LAY-UP MATERIALS AND METHODS.

5 TANK SUMP LAYUP DETAILS
NTS



SINGLE PRODUCT OUTPUT

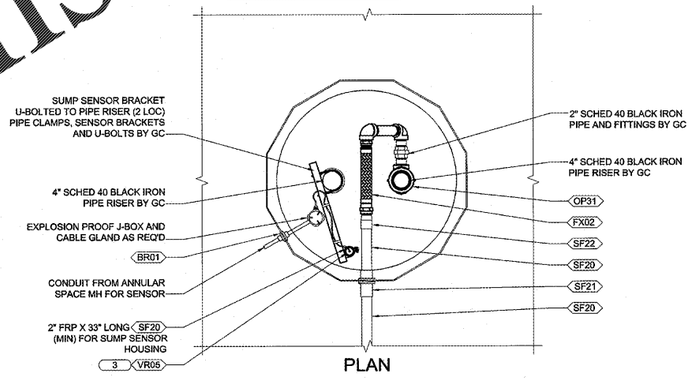
4 FUEL PLUMBING TREE DETAIL
1 1/2"=1'-0"



SECTION

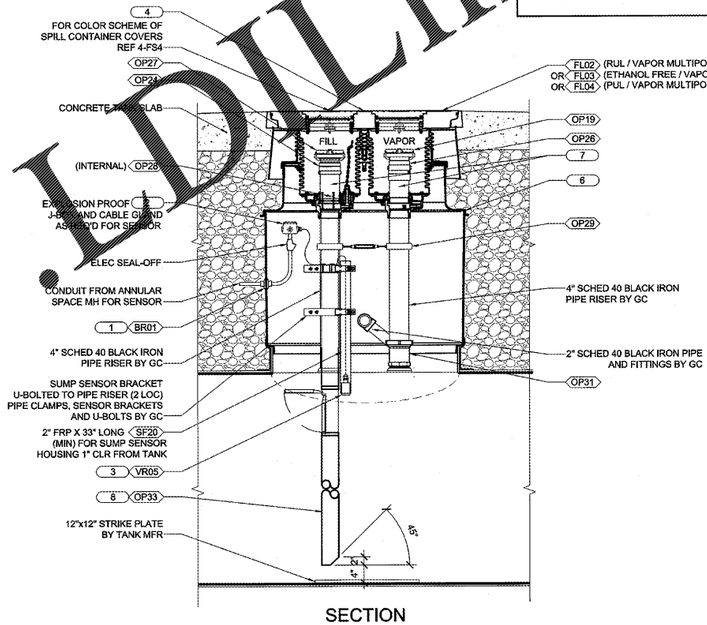
ROTATE VIEW AS REQUIRED FOR FIELD CONDITION

ELECTRICAL PENETRATIONS INTO SUMP ARE SHOWN FOR REFERENCE ONLY - COORDINATE LOCATIONS WITH FUEL ELEC SHEETS AND FIELD CONDITIONS



PLAN

2 3-COMPARTMENT TANK DIESEL FILL SPILL CONTAINER DETAIL
3/4"=1'-0"



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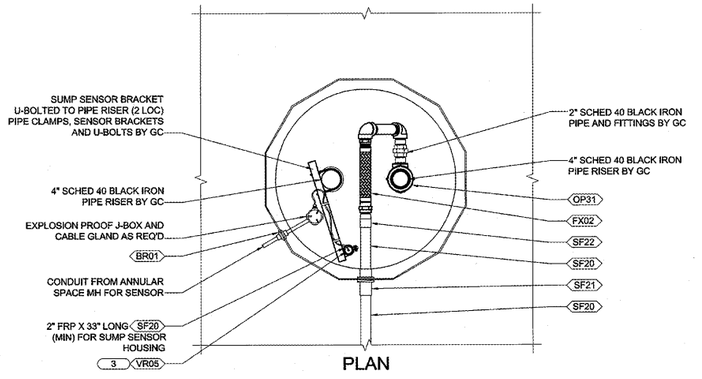
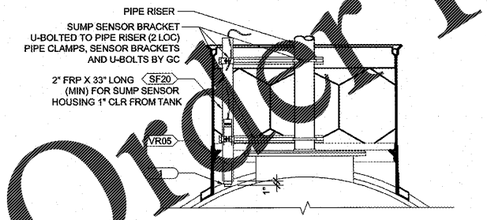


PLAN

1 RUL, PUL AND ETHANOL FREE FILL / VAPOR MULTIPORT DETAILS
3/4"=1'-0"



3 SUMP SENSOR AND SENSOR BRACKET DETAIL
3/4"=1'-0"

FS7 KEYNOTES

1 ELECTRICAL CONDUIT(S) TO ENTER SUMP 2" MIN ABOVE HIGHEST PRODUCT PENETRATION.

2 LOCATE ELECTRICAL JUNCTION BOX AT HIGHEST LOCATION IN SUMP RISER FOR EASY ACCESS FROM ABOVE.

3 SUMP SENSOR TO REST AT LOWEST POINT OF SUMP ENCLOSURE ON PRODUCT PIPING SIDE OF SUMP. TANK CONTRACTOR TO SUPPLY UNISTRUT BRACKETS, PIPE CLAMPS AND 2" FRP SLEEVE FOR 2-POINT MOUNTING OF THE SLEEVE.

4 SET MANHOLE COVERS 1" ABOVE NORMAL FINISH GRADE AND SLOPE CONCRETE AWAY FROM COVERS AT 1/4" PER FOOT TYP.

5 POSITION BALL VALVE FOR UNOBSTRUCTED USE OF SHUT-OFF HANDLE.

6 OPW FIBRETITE MULTIPORT TRIM SUMP BASE AS REQUIRED FOR PENETRATION.

7 ADJUST BLACK IRON PIPE NIPPLE LENGTHS TO ALLOW NO MORE THAN 7" FROM TOP OF COVER TO TOP OF SWIVEL ADAPTERS.

8 OVERFILL PREVENTION VALVE INSTALLED PER MFR'S SPECIFICATIONS. SET OVERFILL DEVICE FOR RESTRICTION OF FLOW AT OR BELOW 90% TANK CAPACITY AND POSITIVE SHUT-OFF AT 95% TANK CAPACITY TO MEET NFPA 30 REQUIREMENTS

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MULTIPORT SUMP DETAILS

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