

FE PETRO MAGVFC - VARIABLE FREQUENCY CONTROLLER. SEE MANUAL FOR WIRING INSTRUCTIONS.

2 MAG VFC DETAIL
NTS

CONDUIT SCHEDULE				
102	DISPENSER SUMP SENSOR	3/4"	8	BELDEN #88760 1
107	FILL BUCKET SENSORS	3/4"	3	BELDEN #88760 1
108	STP SUMP SENSOR/ATG PROBE	3/4"	3	BELDEN #88760 2

STP POWER CONDUITS MUST BE RUN IN SEPARATE RACEWAY. ENTIRE WIRING RUN MUST BE IN RIGID PVC COATED GALVANIZED STEEL CONDUIT. USE ONLY ROB ROY CONDUIT TYPES "PERMA-COAT", "PLASTI-BOND" OR "KORKAP" ELECTRICAL CONDUITS. NO PVC OR RNC CONDUIT ALLOWED.

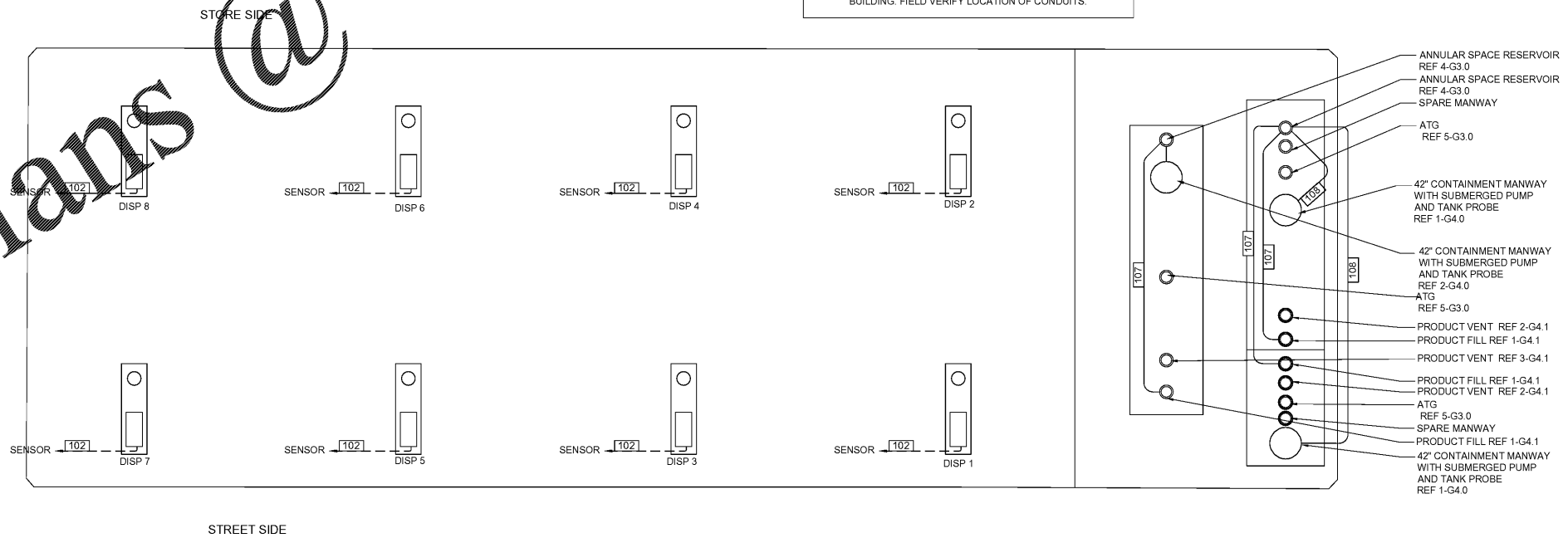
USE ONLY ROB ROY CONDUIT TYPES "PERMA-COAT", "PLASTI-BOND" OR "KORKAP" ELECTRICAL CONDUITS AT FIBERGLASS TANK SUMPS OR WHERE BRAVO F-17-RR OR F-10-RR ENTRY FITTINGS ARE CALLED OUT FOR FIRST 10' OF RUN. TRANSITION TO RIGID NONMETALLIC CONDUIT (RNC) WHERE ALLOWED BY JURISDICTION.

RUN PVC COATED GALVANIZED STEEL FOR WIRING RUNS EXPOSED TO THE WEATHER. FOR ENCLOSING MAIN GROUNDING CONDUCTOR, WHERE REQUIRED FOR MECHANICAL PROTECTION OR WHERE SPECIFICALLY INDICATED.

WITH THE EXCEPTION OF THE FIRST AND THE LAST 10' OF THE UNDERGROUND RUN AND ONLY WHERE AHJ ALLOWS, RIGID NONMETALLIC CONDUIT (RNC) IS ALLOWED FOR UNDERGROUND RUNS IF CONDUIT IS BURIED AT A MINIMUM OF 2'.

COORDINATE PANEL F AND FUELING AREA CIRCUIT LOAD INFORMATION WITH STORE MEPS. STORE CONTRACTOR TO SUPPLY AND INSTALL NEW PANELS AND VERIFY ELECTRIC PANEL CAN MEET LOAD REQUIREMENTS.

CONTRACTOR NOTE: USE EXISTING CONDUITS TO RUN STP SUMPS, DISPENSER SUMP SENSORS AND STP POWER BACK TO BUILDING. FIELD VERIFY LOCATION OF CONDUITS.



1 UNDERGROUND CONDUIT SCHEMATIC
1/8"=1'-0"

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Rev. #	Date	Description
1	10/23/20	FEER REVIEW COMMENTS
Proto 11-05-18		
7-ELEVEN, INC. 3200 HACKBERRY ROAD, IRVING TEXAS 75063		
7-ELEVEN #41635 1401 COVENTRY ROAD MYRTLE BEACH, SC 29575		
USE ELECTRICAL PLAN, ONE-LINE DIAGRAM AND PANEL SCHEDULE		
Job#:	SEI-29986	Scale: AS NOTED
Date:	08/05/20	Drawn By: LAA
Checked By:	KMS	
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<p>PRELIMINARY DRAWINGS FOR INFORMATION ONLY NOT FOR CONSTRUCTION</p>		
SHEET: G9.0		
FUELING - USA		