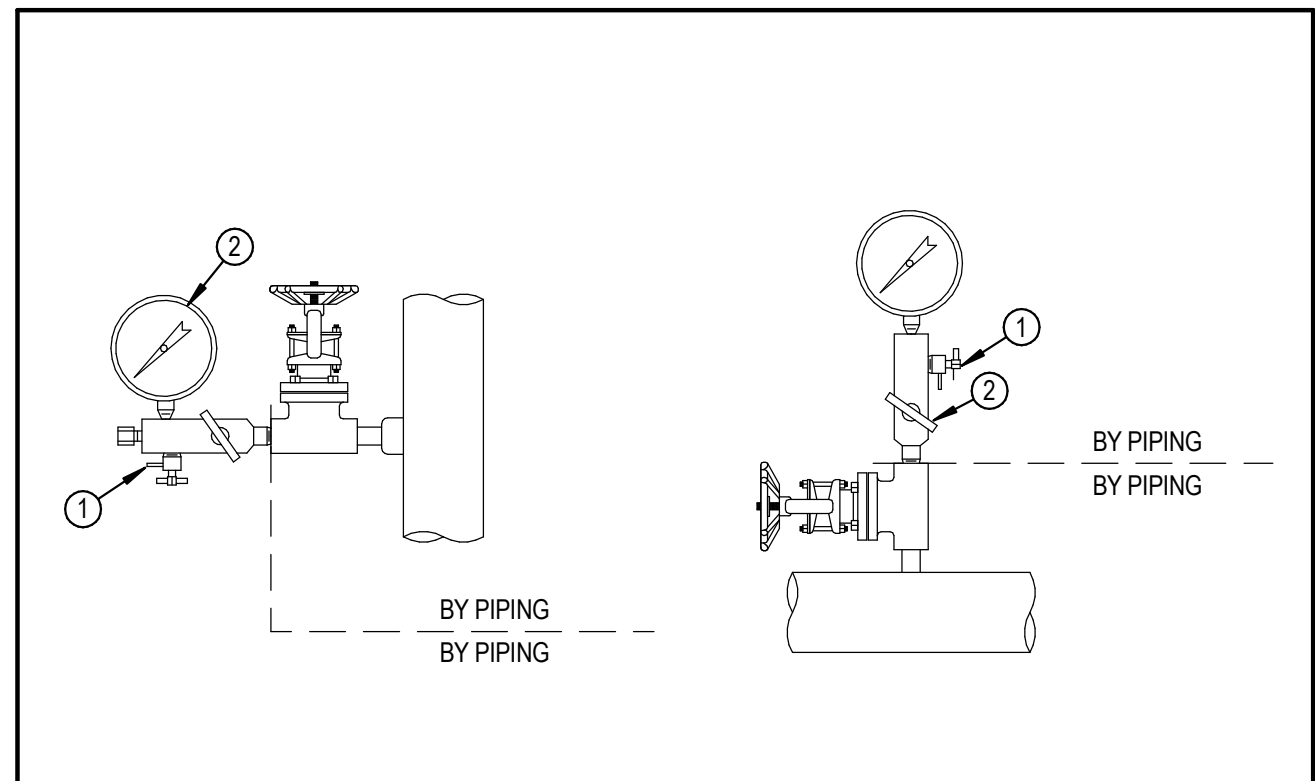
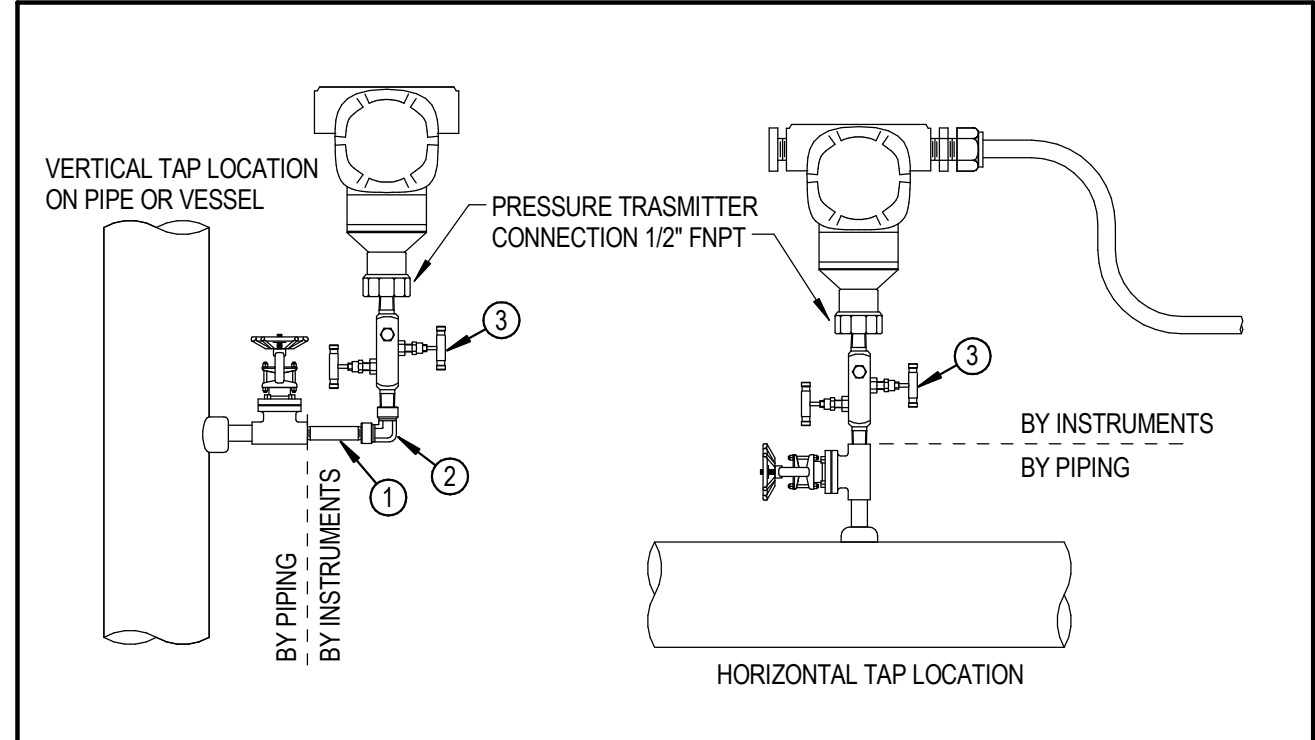


1 PLC PANEL ELEVATION
NO SCALE



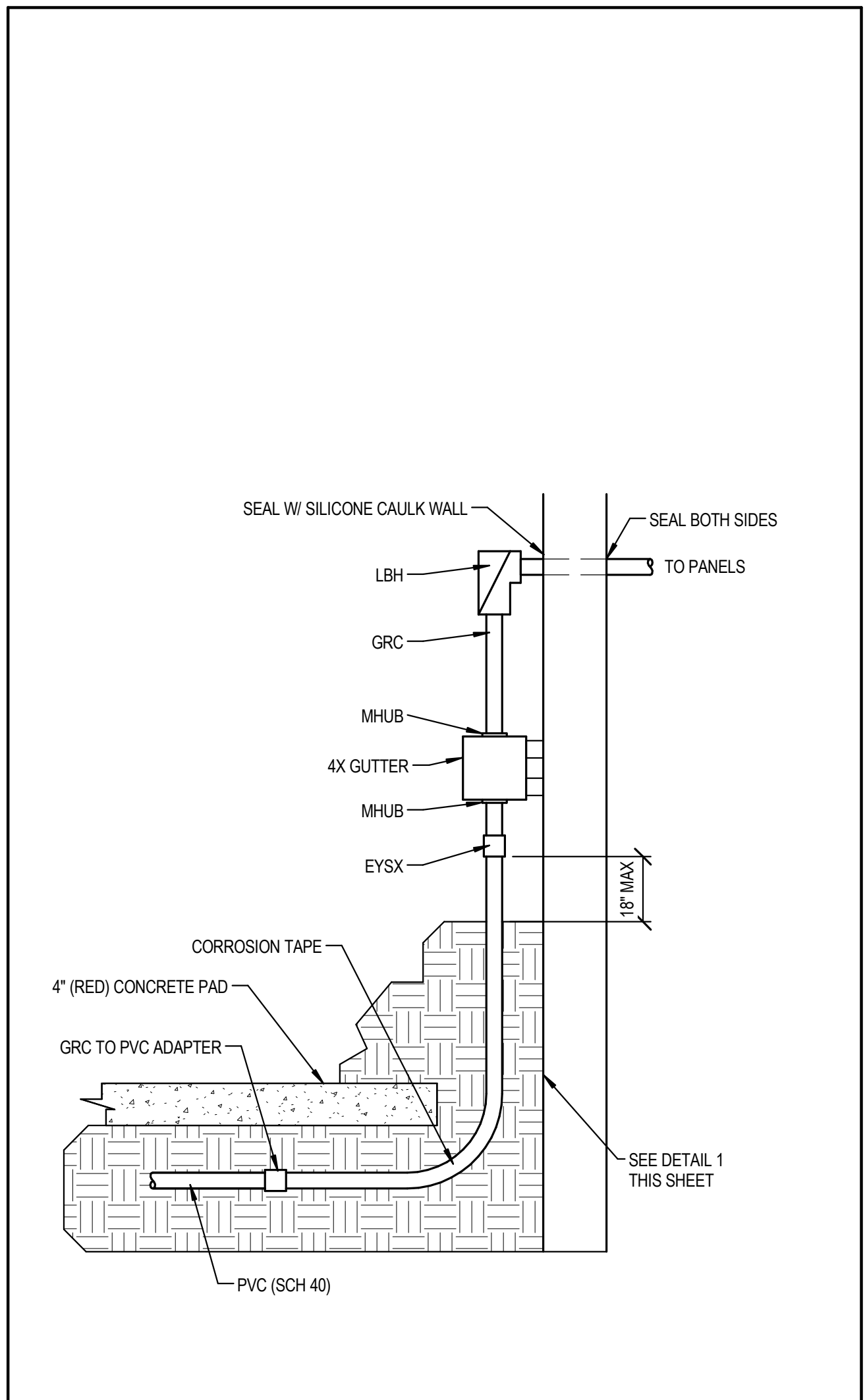
BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
1	1	MANIFOLD BLEED PLUG AGCO #M2SVIS4M
2	1	ASHCROFT-1279 0-200 PSIG (PART# 45-1279-RS 04L 0-200 PSIG) (4M-1/2" INLET MNPT X 1/2" OUTLET FNPT) OR ENGINEER APPROVED EQUAL

2 PI-001, PI-002, PI-003 PRESSURE INDICATOR
NO SCALE

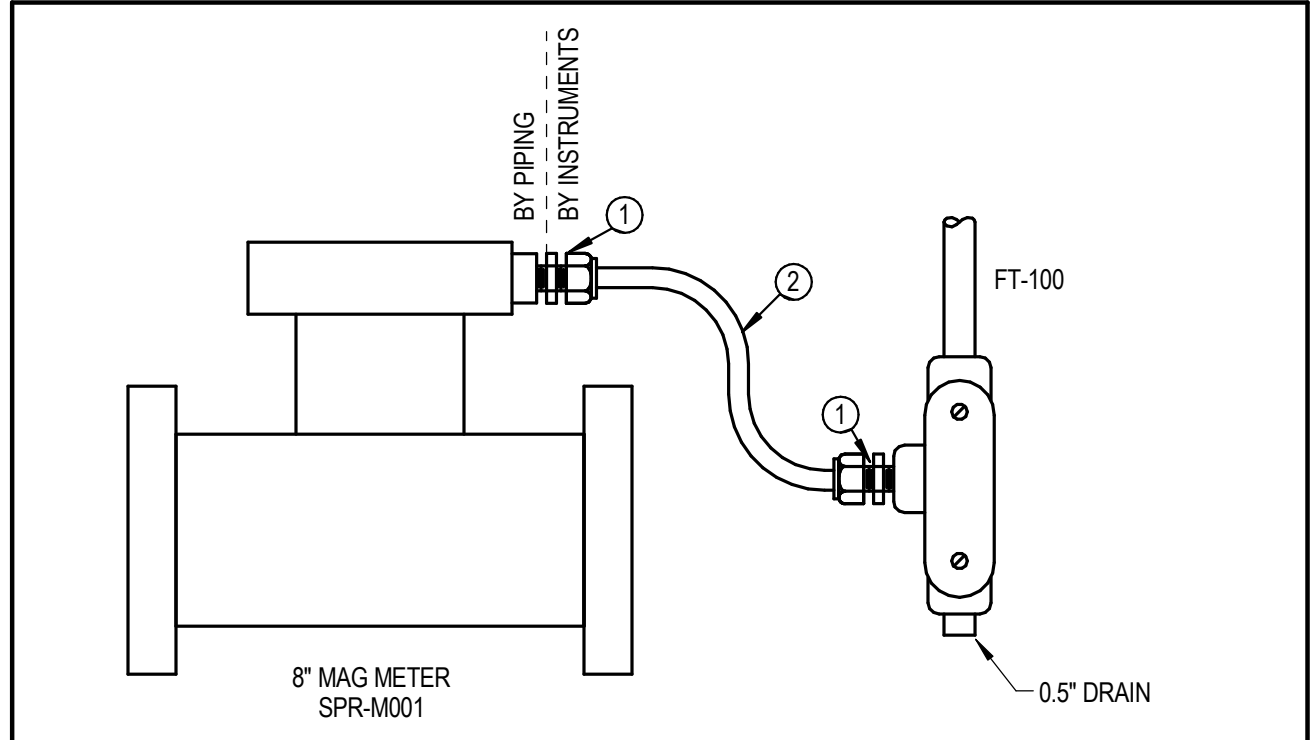


BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
1	1	NIPPLE, 0.75" X 3", S160ASTM A312-TP316, SMLS, TBE
2	1	ELL, 0.75" SCR 90, 600#, A182-F316
3	1	MANIFOLD, 2 VALVE, AGCO #M2SVIS-46 OR EQUAL, (46-3/4" MNPT X 1/2" FNPT) OR ENGINEER APPROVED EQUAL

6 PT-102 PRESSURE TRANSMITTER
NO SCALE

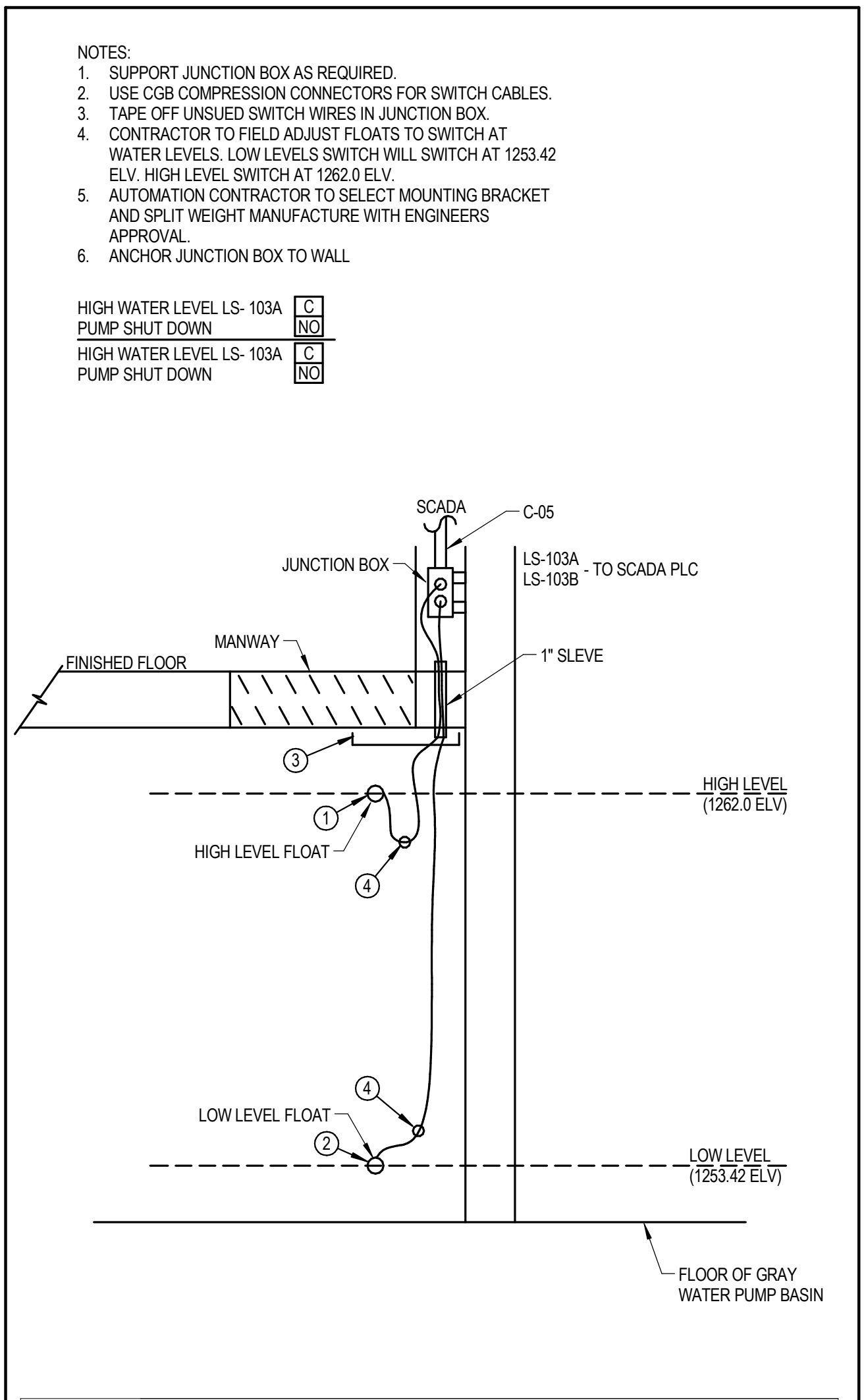


3 TYPICAL DUCT BANK WALL PENETRATION
NO SCALE



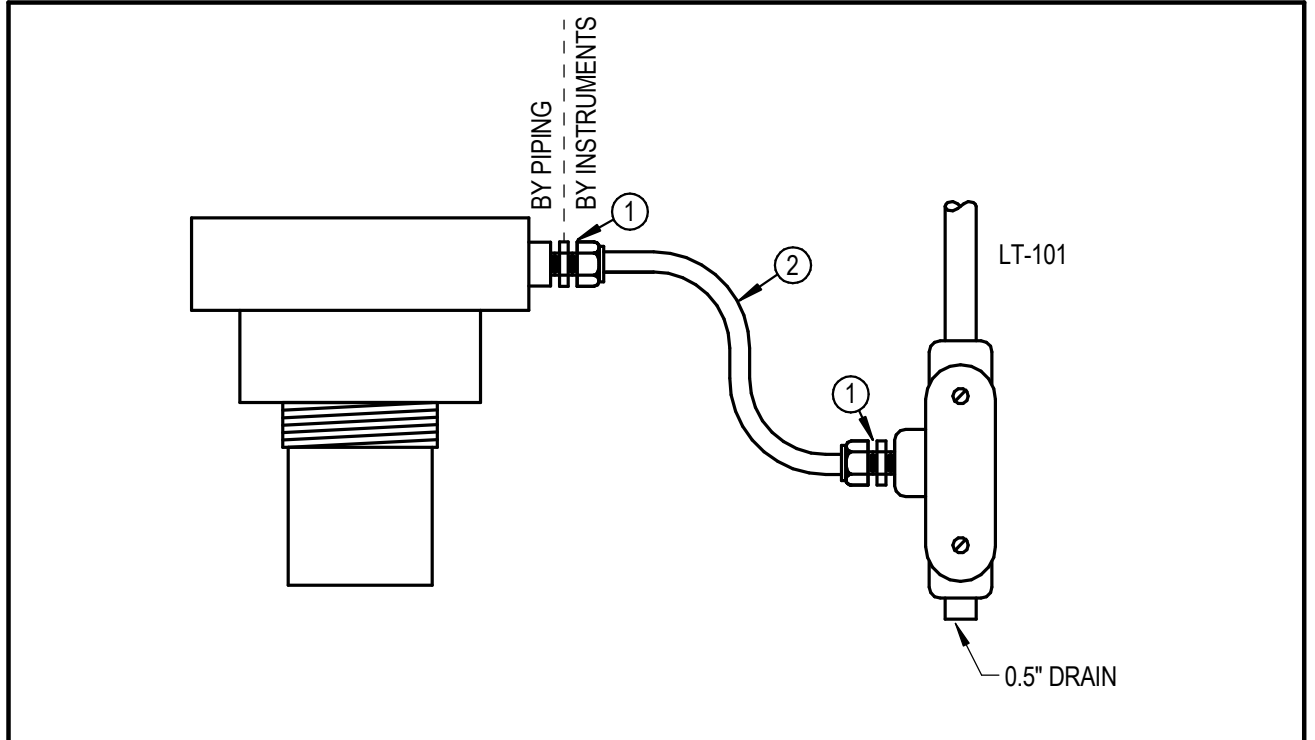
BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
1	2	3/4" T&B LIQUID TIGHT CONNECTORS
2	A/R	3/4" LIQUID TIGHT METAL CORE OR ENGINEER APPROVED EQUAL

7 SPR-M001 FLOW TRANSMITTER CONNECTION
NO SCALE



BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
1	1	FLOAT SWITCH PART #1006096 DESCRIPTION 205GMSPTPC MANUFACTURER SJE RHOMBUS OR ENGINEER APPROVED EQUAL.
2	1	FLOAT SWITCH PART #1006096 DESCRIPTION 205GMSPTPC MANUFACTURER SJE RHOMBUS OR ENGINEER APPROVED EQUAL.
3	1	3 HOLE BRACKET, STAINLESS BRACKETS (WILL ATTACH TO 3 FLOATS)
4	2	SPLIT WEIGHT ASSEMBLIES OR ENGINEER APPROVED EQUAL

4 LEVEL ALARM
NO SCALE

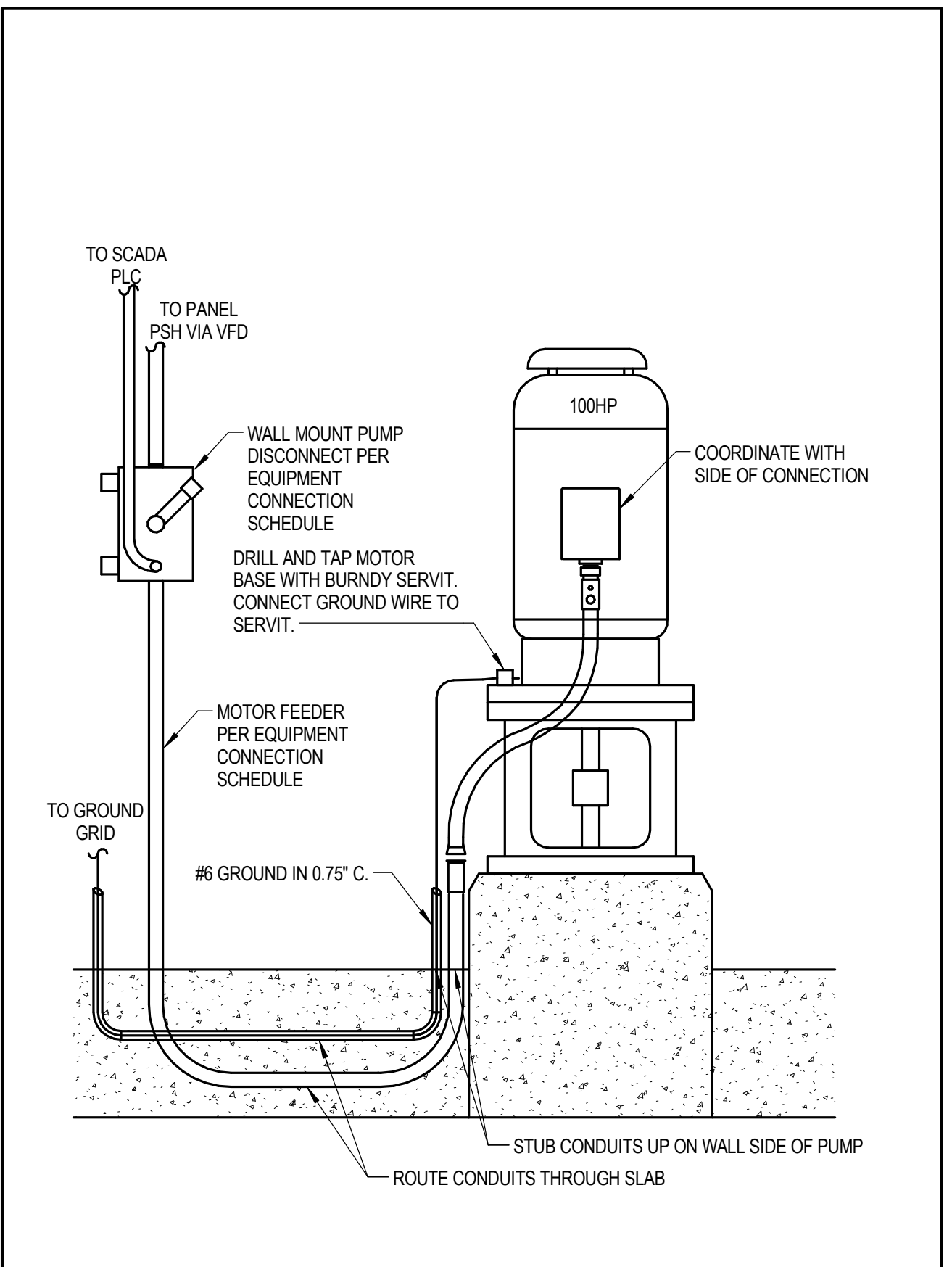


BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
1	2	3/4" T&B LIQUID TIGHT CONNECTORS
2	A/R	3/4" LIQUID TIGHT METAL CORE OR ENGINEER APPROVED EQUAL

8 LT-101 LEVEL TRANSMITTER CONNECTION
NO SCALE

- NOTES:
- SUPPORT JUNCTION BOX AS REQUIRED.
 - USE CGB COMPRESSION CONNECTORS FOR SWITCH CABLES.
 - TAPE OFF UNUSED SWITCH WIRES IN JUNCTION BOX.
 - CONTRACTOR TO FIELD ADJUST FLOATS TO SWITCH AT WATER LEVELS. LOW LEVEL SWITCH WILL SWITCH AT 1253.42 ELV. HIGH LEVEL SWITCH AT 1262.0 ELV.
 - AUTOMATION CONTRACTOR TO SELECT MOUNTING BRACKET AND SPLIT WEIGHT MANUFACTURE WITH ENGINEERS APPROVAL.
 - ANCHOR JUNCTION BOX TO WALL

HIGH WATER LEVEL LS- 103A	C
PUMP SHUT DOWN	NO
HIGH WATER LEVEL LS- 103A	C
PUMP SHUT DOWN	NO



BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
1	2	2" LIQUID TIGHT CONNECTIONS WITH GROUND
2	1	2" METAL CORE LIQUID TIGHT AS REQUIRED
3	1	#6 GREEN THIN GROUND WIRE AS REQUIRED
4	1	2" GRC - 20'
5	2	2" FACTORY 90°S OR ENGINEER APPROVED EQUAL

5 PUMPS SPR-P001, SPR-P002, SPR-P003 CONNECTION DETAIL
NO SCALE

CITY OF WICHITA, KANSAS
RE-USE WATER PUMP STATION
TO SERVE SPIRT AEROSYSTEMS

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ELECTRICAL DETAILS

PROJECT NO.	468-85112
DATE	04/18/16
SCALE	AS NOTED
DESIGNED	JRBW
DRAWN	JA
CHECKED	JRBW

Professional Engineer
24496
4-21-16
KANSAS

ISSUED FOR CONSTRUCTION	04/18/16
NO.	REVISION
SHEET NO. E4.1	