

PLAN
SCALE: 3/4" = 1'-0"

CIRCUIT & RACEWAY SCHEDULE							
CIRCUIT	FUNCTION	WIRE SIZE & PHASE ASSIGNMENT	FROM	TO	RACEWAY SIZE	DESCRIPTION	LOCATION(S)
C-1501	CONTROL	14-#14	SS_RH2_PS15_CAB1500	SS_RH2_PS15_IS1540	3/4"	LEVEL SWITCHES, FAULT, PANEL MONITORING, SPARES	GRATING LEVEL
C-1502	CONTROL	4-#14	SS_RH2_PS15_IS1540	SS_RH2_PS15_MCP1510	3/4"	CALL PUMPS TO RUN	GRATING LEVEL
C-1504	CONTROL	2-#14	SS_RH2_PS15_CAB1500	SS_RH2_PS15_FSL1561	3/4"	EXHAUST FAN FLOW SWITCH	GRATING LEVEL
C-1505	CONTROL	8-#14	SS_RH2_PS15_CAB1500	SS_RH2_PS15_ACT1550	3/4"	FLUSH VALVE	GRATING LEVEL
C-1506	CONTROL	4-#14, #14G	SS_RH2_PS15_CAB1500	SS_RH2_PS15_YA1508A/B	3/4"	HORN/RED BEACON FAN ALARM	GRATING LEVEL
P/C-1507	POWER/CONTROL	10-#14, #14G CORD	SS_RH2_PS15_CAB1500	SS_RH2_PS15_GNG1500	-	POWER AND CONTROL TO GNG PANEL	GRATING LEVEL TO STATION HATCH DOOR
P-1501	POWER	2#14, #14G	SS_RH2_PS15_CAB1500	SS_RH2_PS15_IS1540	3/4"	24VDC POWER TO IS PANEL MODULE	GRATING LEVEL
P-1502	POWER	2#12, #12G	PBD151	SS_RH2_PS15_IS1540	3/4"	120VAC POWER TO IS PANEL POWER SUPPLY	GRATING LEVEL
P-1503	POWER	2#14, #14G	SS_RH2_PS15_CAB1500	SS_RH2_PS15_FSL1561	3/4"	POWER TO THERMAL FLOW SWITCH	GRATING LEVEL
S-1501	SIGNAL	2 TSP	SS_RH2_PS15_IS1540	SS_RH2_PS15_CAB1500	3/4"	2 LIT READINGS	GRATING LEVEL
S-1502	SIGNAL	MFR CABLE	SS_RH2_PS15_JB1541	SS_RH2_PS15_IS1540	3/4"	PRIMARY WETWELL LEVEL. *NEW CONDUIT FROM JB TO IS PANEL	GRATING LEVEL
S-1503	SIGNAL	MFR CABLE	SS_RH2_PS15_LE1542	SS_RH2_PS15_IS1540	3/4"	SECONDARY WETWELL LEVEL. *NEW CONDUIT IN DRY WELL	GRATING LEVEL

GENERAL NOTES:

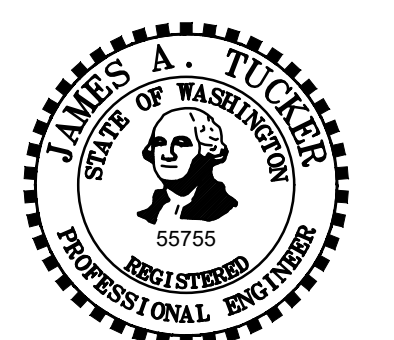
1. PLAN DRAWING IS PARTIAL REPRESENTATION OF THE SITE AND IS ONLY INTENDED TO PROVIDE DETAILS RELATED TO THE SCOPE OF THIS WORK.
2. REFERENCE AS-BUILT RECORD DRAWING BY CAREY & KRAMER CONSULTING ENGINEERS, DRAWING NUMBER 6223-M309.1, SHEET 10 OF 32 FOR ELEVATIONS RELATED TO WIRING AND CONDUIT.

KEY NOTES:

- 1 REFER TO SECTION 26 05 00 FOR CONDUIT SEALOFF REQUIREMENTS FROM CLASS I DIV 1 WETWELL.
- 2 REFER TO DWG I-00004 DETAIL C FOR THERMAL FLOW SWITCH INSTALLATION DETAIL ON EXISTING EXHAUST DUCT.
- 3 COORDINATE WITH OWNER ON FOGROD INSTALLATION LOCATION IN WETWELL.
- 4 LOCATION OF COMMUNICATION PANEL IS APPROXIMATE. COORDINATE WITH OWNER ON FINAL COMMUNICATION PANEL LOCATION.



PERMIT ISSUE



**CITY OF MERCER ISLAND
SEWER SCADA SYSTEMS
REPLACEMENT**

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE
DESIGNED: CGA
DRAWN: DNW
CHECKED: LSL
CHECKED: LSL
APPROVED: CGA

FILENAME: I-15701.DWG
BC PROJECT NUMBER: 153585
CLIENT PROJECT NUMBER

**INSTRUMENTATION
PUMP STATION 15 - PLAN**

DRAWING NUMBER
I-15701
SHEET NUMBER
XX OF XX

Path: C:\USERS\DJACKSON\BPC\DWG\1820948 FILENAME: I-15701.DWG PLOT DATE: 5/5/2022 2:57 PM CAD USER: DAN JACKSON