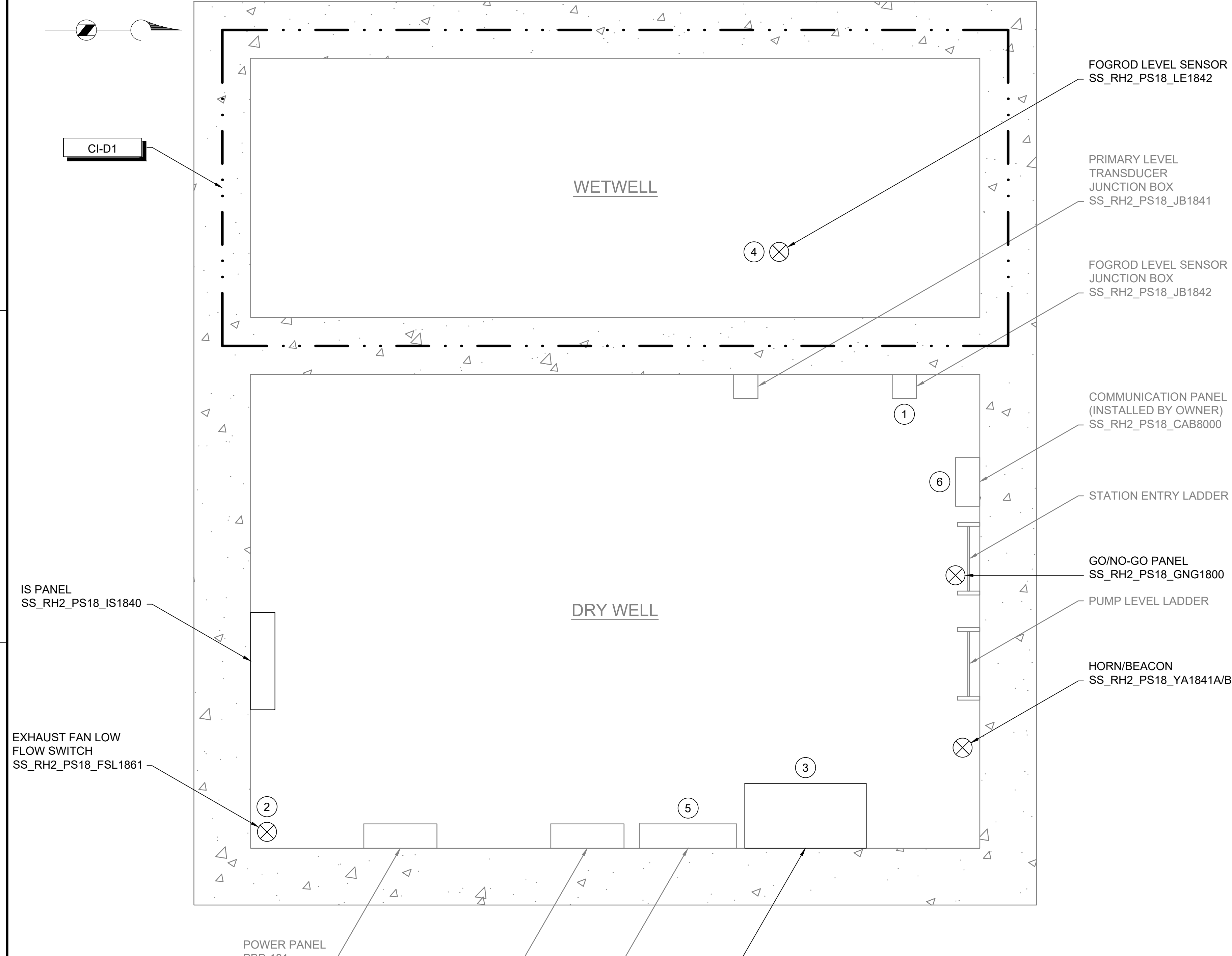


PUMP STATION 18 - 7220 HOLLY HILL DRIVE



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

CIRCUIT & RACEWAY SCHEDULE

CIRCUIT	FUNCTION	WIRE SIZE & PHASE ASSIGNMENT	FROM	TO	RACEWAY SIZE	DESCRIPTION	LOCATION(S)
C-1801	CONTROL	14-#14	SS_RH2_PS18_CAB1800	SS_RH2_PS18_IS1840	3/4"	LEVEL SWITCHES, FAULT, PANEL MONITORING, SPARES	GRATING LEVEL
C-1802	CONTROL	6-#14	SS_RH2_PS18_IS1840	SS_RH2_PS18_MCP1810	3/4"	CALL PUMPS TO RUN	GRATING LEVEL
C-1803	CONTROL	2-#14	SS_RH2_PS18_CAB1800	SS_RH2_PS18_FSL1861	3/4"	EXHAUST FAN FLOW SWITCH	GRATING LEVEL
C-1804	CONTROL	4-#14, #14G	SS_RH2_PS18_CAB1800	SS_RH2_PS18_YA1808A/B	3/4"	HORN/RED BEACON FAN ALARM	GRATING LEVEL
P/C-1805	POWER/CONTROL	10-#14, #14G CORD	SS_RH2_PS18_CAB1800	SS_RH2_PS18_GNG1800	-	POWER AND CONTROL TO GNG PANEL	GRATING LEVEL TO STATION HATCH DOOR
P-1801	POWER	2#14, #14G	SS_RH2_PS18_CAB1800	SS_RH2_PS18_IS1840	3/4"	24VDC POWER TO IS PANEL MODULE	GRATING LEVEL
P-1802	POWER	2#12, #12G	PBD181	SS_RH2_PS18_IS1840	3/4"	120VAC POWER TO IS PANEL POWER SUPPLY	GRATING LEVEL
P-1804	POWER	2#14, #14G	SS_RH2_PS18_CAB1800	SS_RH2_PS18_FSL1861	3/4"	POWER TO THERMAL FLOW SWITCH	GRATING LEVEL
S-1801	SIGNAL	2 TSP	SS_RH2_PS18_CAB1800	SS_RH2_PS18_IS1840	3/4"	2 LIT READINGS	GRATING LEVEL
S-1802	SIGNAL	MFR CABLE	SS_RH2_PS18_JB1841	SS_RH2_PS18_IS1840	3/4"	PRIMARY WETWELL LEVEL. *NEW CONDUIT FROM JB TO IS PANEL	GRATING LEVEL
S-1803	SIGNAL	MFR CABLE	SS_RH2_PS18_LE1842	SS_RH2_PS18_IS1840	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-M312.2, SHEET 13 OF 32 FOR ELEVATIONS RELATED TO WIRING AND CONDUIT DEMOLITION.
3. REFER TO CIRCUIT & RACEWAY SCHEDULE ON THIS DRAWING FOR NEW WIRING AND CONDUIT WITHIN THE PUMP STATION.

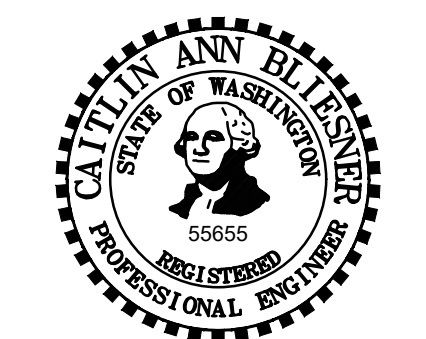
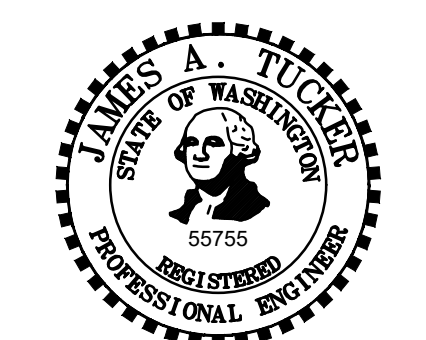
KEY NOTES:

- 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 REFER TO SECTION 26 05 00 FOR PLACING COMPRESSION FITTINGS ON EXISTING CONDUIT TO ROUTE TO NEW PANEL.
- 4 COORDINATE WITH OWNER ON FOGROD INSTALLATION LOCATION IN WETWELL.
- 5 CONTRACTOR TO PROVIDE NEW NAMEPLATE FOR EXISTING MOTOR CONTROL PANEL AS "PUMP STATION 18 MOTOR CONTROL PANEL SS_RH2_PS18_MCP1810".
- 6 LOCATION OF COMMUNICATION PANEL IS APPROXIMATE. COORDINATE WITH OWNER ON FINAL COMMUNICATION PANEL LOCATION.



701 PIKE STREET
SUITE 1200
SEATTLE, WASHINGTON

PERMIT ISSUE



CITY OF
MERCER ISLAND

SEWER SCADA
SYSTEMS
REPLACEMENT

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: CAB
DRAWN: DDJ
CHECKED: LSL
CHECKED: LSL
APPROVED: CAB

FILENAME: I-18701.DWG
BC PROJECT NUMBER: 153585
CLIENT PROJECT NUMBER

INSTRUMENTATION

PUMP STATION 18 -
PLAN

DRAWING NUMBER
I-18701
SHEET NUMBER
XX OF XX

Path: C:\USERS\JACKSON\BPC\DWG\1820948 FILENAME: I-18701.DWG PLOT DATE: 6/24/2022 11:02 AM CAD USER: DAN JACKSON

Pump Station 18 - 7220 Holly Hill Drive

