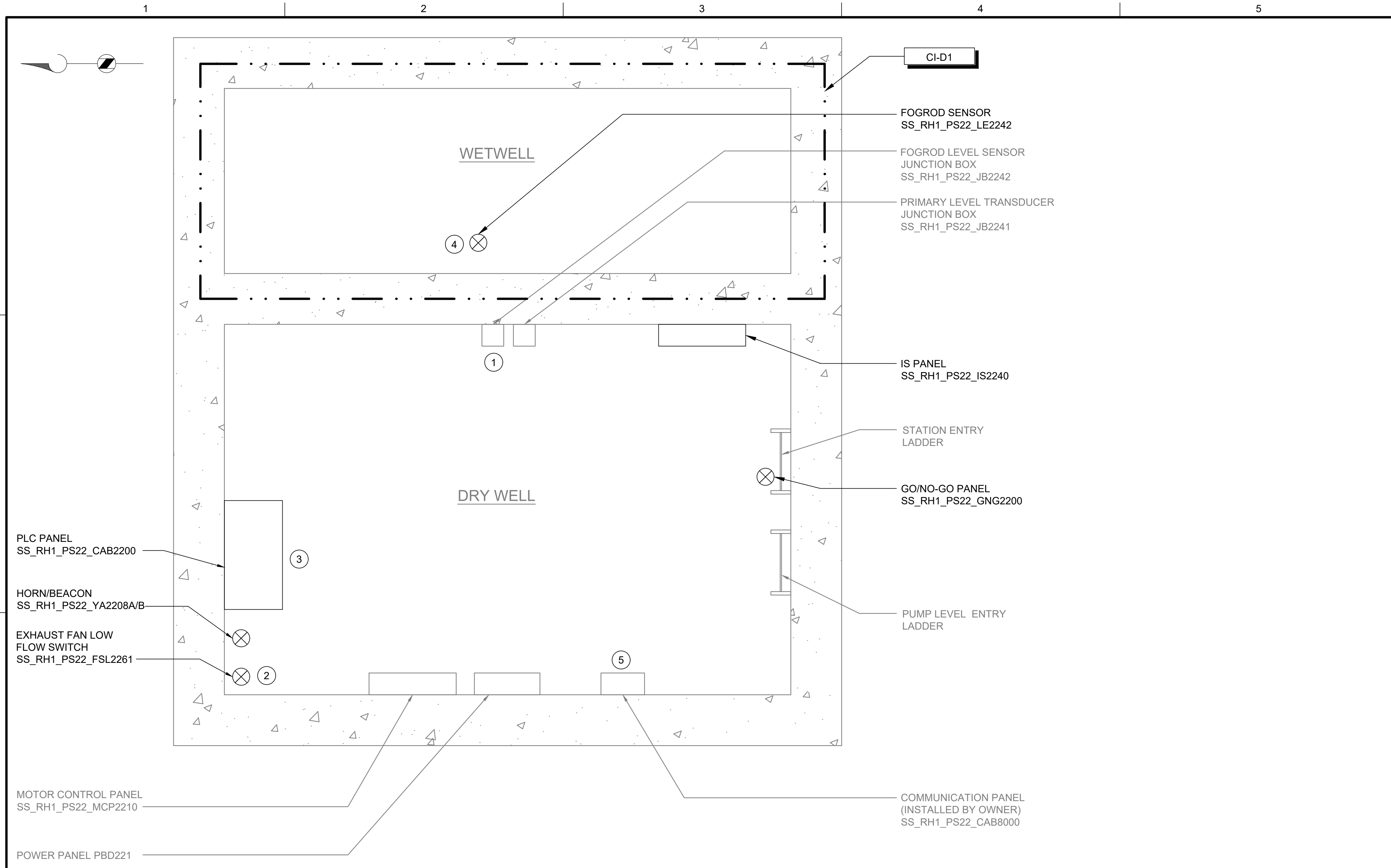


Path: C:\USERS\JACKSON\BCP\1820948 FILENAME: I-22701.DWG PLOT DATE: 5/11/2022 10:28 AM CAD USER: DAN JACKSON



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

CIRCUIT & RACEWAY SCHEDULE							
CIRCUIT	FUNCTION	WIRE SIZE & PHASE ASSIGNMENT	FROM	TO	RACEWAY SIZE	DESCRIPTION	LOCATION(S)
C-2201	CONTROL	14-#14	SS_RH1_PS22_CAB2200	SS_RH1_PS22_IS2240	3/4"	LEVEL SWITCHES, FAULT, PANEL MONITORING, SPARES	GRATING LEVEL
C-2202	CONTROL	6-#14	SS_RH1_PS22_IS2240	SS_RH1_PS22_MCP2210	3/4"	CALL PUMPS TO RUN	GRATING LEVEL
C-2203	CONTROL	2-#14	SS_RH1_PS22_CAB2200	SS_RH1_PS22_FSL2261	3/4"	EXHAUST FAN FLOW SWITCH	GRATING LEVEL
C-2204	CONTROL	4-#14, #14G	SS_RH1_PS22_CAB2200	SS_RH1_PS22_YA2208A/B	3/4"	HORN/RED BEACON FAN ALARM	GRATING LEVEL
P/C-2205	POWER/CONTROL	10-#14, #14G CORD	SS_RH1_PS22_CAB2200	SS_RH1_PS22_GNG2200	-	POWER AND CONTROL TO GNG PANEL	GRATING LEVEL TO STATION HATCH DOOR
P-2201	POWER	2#14, #14G	SS_RH1_PS22_CAB2200	SS_RH1_PS22_IS2240	3/4"	24VDC POWER TO IS PANEL MODULE	GRATING LEVEL
P-2202	POWER	2#12, #12G	PBD221	SS_RH1_PS22_IS2240	3/4"	120VAC POWER TO IS PANEL POWER SUPPLY	GRATING LEVEL
P-2204	POWER	2#14, #14G	SS_RH1_PS22_CAB2200	SS_RH1_PS22_FSL2261	3/4"	POWER TO THERMAL FLOW SWITCH	GRATING LEVEL
S-2201	SIGNAL	2 TSP	SS_RH1_PS22_CAB2200	SS_RH1_PS22_IS2240	3/4"	2 LIT READINGS	GRATING LEVEL
S-2202	SIGNAL	MFR CABLE	SS_RH1_PS22_JB2241	SS_RH1_PS22_IS2240	3/4"	PRIMARY WETWELL LEVEL. *NEW CONDUIT FROM JB TO IS PANEL	GRATING LEVEL
S-2203	SIGNAL	MFR CABLE	SS_RH1_PS22_LE2242	SS_RH1_PS22_IS2240	3/4"	SECONDARY WETWELL LEVEL. *NEW CONDUIT IN DRY WELL	GRATING LEVEL

GENERAL NOTES:

- PLAN DRAWING IS PARTIAL REPRESENTATION OF THE SITE AND IS ONLY INTENDED TO PROVIDE DETAILS RELATED TO THE SCOPE OF THIS WORK.
- REFERENCE AS-BUILT RECORD DRAWING BY CAREY & KRAMER CONSULTING ENGINEERS, DRAWING NUMBER 6223-M316.2, SHEET 17 OF 32 FOR ELEVATIONS RELATED TO WIRING AND CONDUIT.
- REFER TO CIRCUIT & RACEWAY SCHEDULE ON THIS DRAWING FOR NEW WIRING AND CONDUIT WITHIN THE PUMP STATION.


KEY NOTES:

- REFER TO SECTION 26 05 00 FOR CONDUIT SEAL OFF REQUIREMENTS FROM CLASS I DIV 1 WETWELL.
- REFER TO DWG I-00004 DETAIL C FOR THERMAL FLOW SWITCH INSTALLATION DETAIL ON EXISTING EXHAUST DUCT.
- REFER TO SECTION 26 05 00 FOR PLACING COMPRESSION FITTINGS ON EXISTING CONDUIT TO ROUTE TO NEW PANEL.
- COORDINATE WITH OWNER ON FOGROD INSTALLATION LOCATION IN WETWELL.
- 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: CGA
DRAWN: DNW
CHECKED: LSL
CHECKED: LSL
APPROVED: CGA

FILENAME: I-22701.DWG
BC PROJECT NUMBER: 153585
CLIENT PROJECT NUMBER

INSTRUMENTATION
PUMP STATION 22 - PLAN

DRAWING NUMBER
I-22701
SHEET NUMBER
XX OF XX