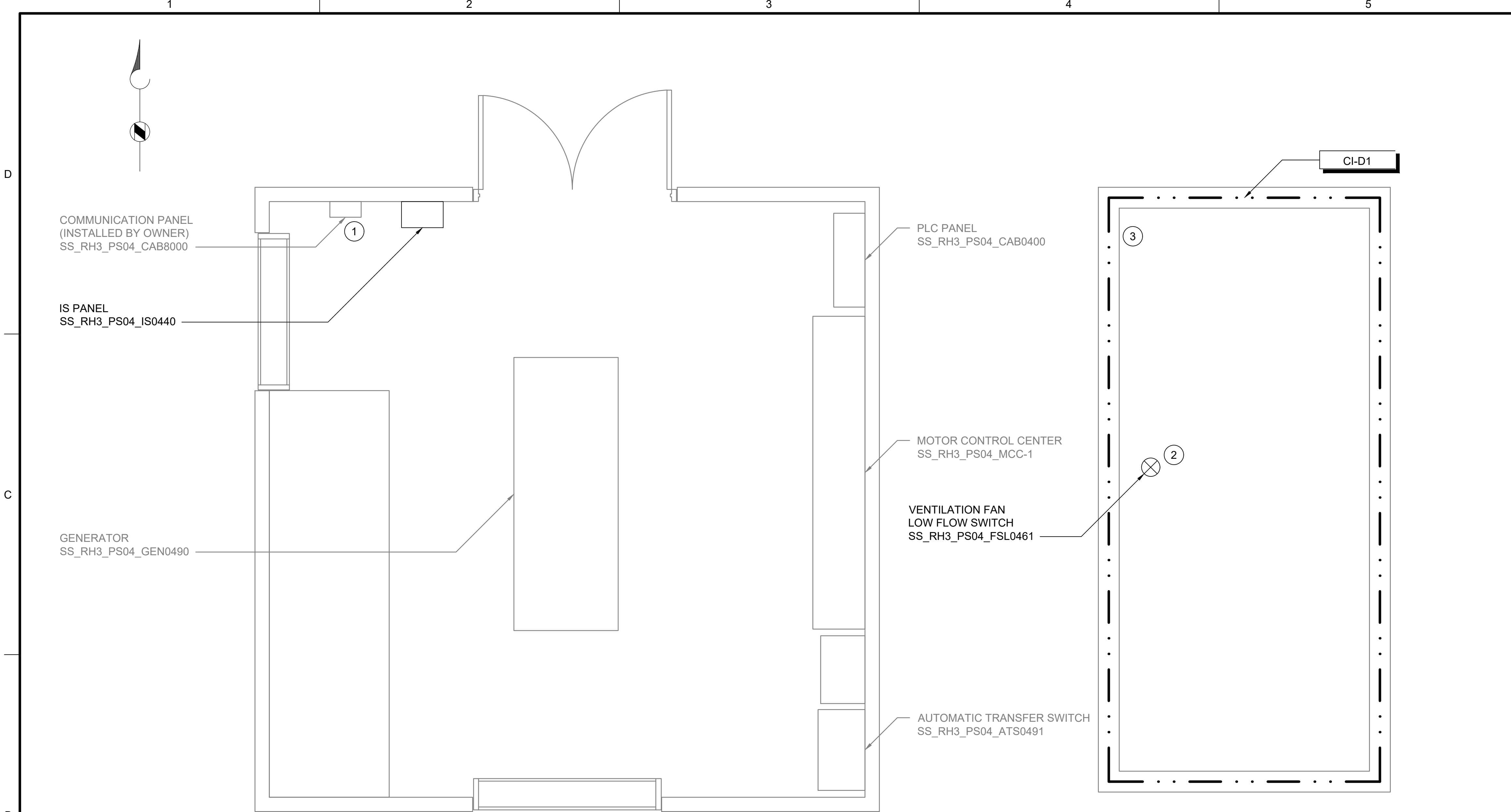


Path: C:\USERS\DJACKSON\BPC\DWG\1820948 FILENAME: I-04701.DWG PLOT DATE: 9/7/2022 7:13 AM CAD USER: DAN JACKSON



CONTROL BUILDING

VENTILATION VAULT

PLAN
SCALE: 1/2" = 1'-0"

CIRCUIT & RACEWAY SCHEDULE							
CIRCUIT	FUNCTION	WIRE SIZE & PHASE ASSIGNMENT	FROM	TO	RACEWAY SIZE	DESCRIPTION	LOCATION(S)
C-0401	CONTROL	12-#14	SS_RH3_PS04_IS0440	SS_RH3_PS04_CAB0400	3/4"	LEVEL SWITCHES, FAULT, PANEL MONITORING, SPARES	CONTROL BUILDING
C-0402	CONTROL	12-#14	SS_RH3_PS04_IS0440	SS_RH3_PS04_MCC-1	3/4"	CALL PUMPS TO RUN	CONTROL BUILDING
C-0403	CONTROL	4-#14	SS_RH3_PS04_CAB0400	SS_RH3_PS04_IS0440	3/4"	LEVEL SWITCHES INTRINSICALLY SAFE	CONTROL BUILDING
C-0404	CONTROL	4-#14	SS_RH3_PS04_CAB0400	SS_RH3_PS04_ATS0491	3/4"- EXISTING	ATS	CONTROL BUILDING
C-0405	CONTROL	8-#14 1-TSP	SS_RH3_PS04_CAB0400	SS_RH3_PS04_GEN0490	3/4"- EXISTING	GENERATOR, SPARES	CONTROL BUILDING
C-V1	CONTROL	2-#14	SS_RH3_PS04_CAB0400	SS_RH3_PS04_FSL0461	3/4"- EXISTING	VENTILATION FAN FLOW SWITCH	VENTILATION VAULT, CONTROL BUILDING
CX-V1	POWER	2#14, #14G	SS_RH3_PS04_CAB0400	SS_RH3_PS04_FSL0461	3/4"- EXISTING	POWER TO THERMAL FLOW SWITCH	VENTILATION VAULT, CONTROL BUILDING
P-0401	POWER	2#14, #14G	SS_RH3_PS04_CAB0400	SS_RH3_PS04_IS0440	3/4"	24VDC POWER TO IS PANEL MODULE	CONTROL BUILDING
P-0402	POWER	2#12, #12G	SS_RH3_PS04_MCC-1, PB-1	SS_RH3_PS04_IS0440	3/4"	120VAC POWER TO IS PANEL POWER SUPPLY	CONTROL BUILDING
S-0401	SIGNAL	2-TSP	SS_RH3_PS04_IS0440	SS_RH3_PS04_CAB0400	3/4"	LIT READING	CONTROL BUILDING

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 DESIGN DRAWING BY TETRA TECH SEWER LAKE LINE AND PS NO 4 REPLACEMENT PROJECT, DRAWING NUMBERS A301 SHEET 33 OF 77 AND M307 SHEET 60 OF 77 FOR LAYOUT 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 LOCATION OF COMMUNICATION PANEL IS APPROXIMATE. COORDINATE WITH OWNER ON FINAL COMMUNICATION PANEL LOCATION.
- ② REFER TO DWG I-00004 DETAIL C FOR THERMAL FLOW SWITCH INSTALLATION DETAIL ON EXISTING VENTILATION DUCT.
- ③ REFER TO SPECIFICATION DIVISION 26 05 00 FOR CONDUIT SEAL OFF REQUIREMENTS FROM CLASS I DIV 1 VENTILATION VAULT.



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: DNW
CHECKED: LSL
CHECKED: LSL
APPROVED: CAB

FILENAME: I-04701.DWG
BC PROJECT NUMBER: 153585
CLIENT PROJECT NUMBER

INSTRUMENTATION

**PUMP STATION 4 -
PLAN**

DRAWING NUMBER
I-04701
SHEET NUMBER
XX OF XX