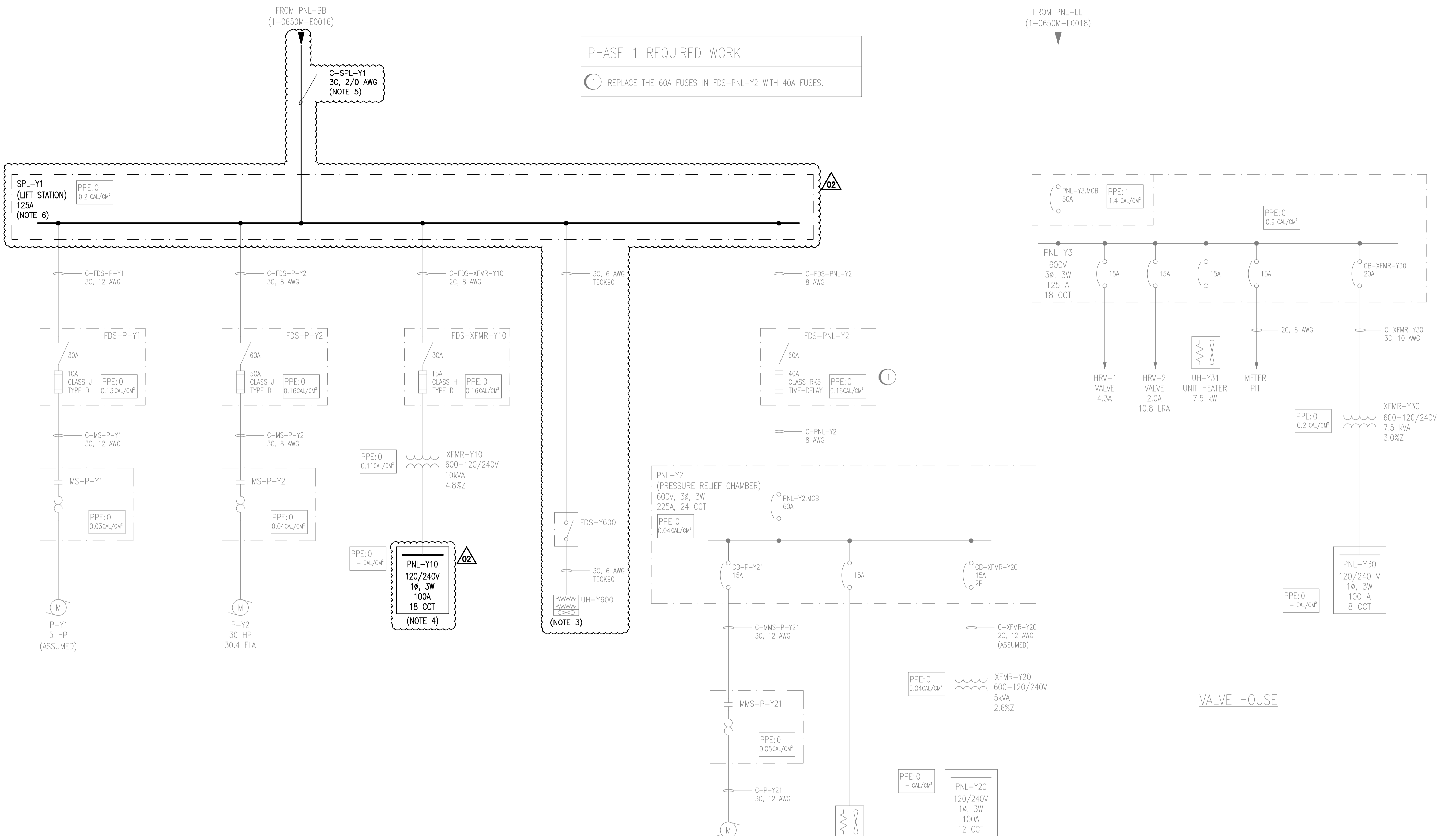


PHASE 1 REQUIRED WORK
 ① REPLACE THE 60A FUSES IN FDS-PNL-Y2 WITH 40A FUSES.



- NOTES:**
- ARC FLASH VALUES ARE BASED UPON THE PROTECTION SETTINGS SPECIFIED IN THE ARC FLASH STUDY REPORT. ALL PHASE 1 REQUIRED WORK MUST BE PERFORMED PRIOR TO APPLYING THE ARC FLASH LABELS.
 - GREY ITEMS DENOTES EXISTING EQUIPMENT, BOLD ITEMS DENOTES NEW EQUIPMENT.
 - CONFIRM EXISTING EQUIPMENT, TAGS, AND SIZES AND PROVIDE APPROPRIATE AS-BUILT RED LINE MARKUPS IF REQUIRED.
 - REMOVE EXISTING ELECTRICAL PANELBOARD PNL-Y10 AND REPLACE WITH A NEW ELECTRICAL PANELBOARD PNL-Y10. RELOCATION OF EXISTING CONDUIT OR PANELBOARD RELOCATION MAY BE REQUIRED TO ACCOMMODATE THE LARGER PANEL SIZE. TO BE DETERMINED BY CONTRACTOR. REFER TO DRAWING 1-0650Y-E0004-001 FOR THE PANELBOARD SCHEDULE.
 - REPLACE THE POWER FEED TO THE DRAINAGE LIFT STATION FROM THE EXISTING JUNCTION BOX JB-BB LOCATED WITHIN THE MAIN PUMPING STATION TO NEW SPLITTER SPL-Y1 LOCATED WITHIN THE DRAINAGE LIFT STATION.
 - REMOVE EXISTING SPLITTER SPL-Y1 AND REPLACE WITH A NEW SPLITTER SPL-Y1 IN THE SAME LOCATION. RECONNECT ALL EXISTING LOADS.

10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	1-0650Y-E0004-001	ELECTRICAL - DRAINAGE LIFT STATION - PANELBOARD SCHEDULE
4	1-0650Y-E0003-001	ELECTRICAL - DRAINAGE LIFT STATION - POWER & INSTRUMENT PLAN AND DETAILS
3	1-0650A-E0003-001	ELECTRICAL - PARTIAL SITE PLAN
2	1-0650A-D0001-001	COVER SHEET
1	1-0650M-E0001	ELECTRICAL SINGLE LINE DIAGRAM - LEGEND & DETAILS
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		



B.M.	-
ELEV.	-
02	ISSUED FOR CONSTRUCTION 2020/06/18
01	ISSUED FOR CITY USE 2011/12/12 VE CJR
00	ISSUED FOR REVIEW 2011/11/23 VE CJR
NO.	REVISIONS
	DATE DESIGN CHECK

KGS GROUP

DESIGNED BY: I. BECK
 CHECKED BY: J. BOUCHARD
 DRAWN BY: J. deLEON
 APPROVED BY: J. BOUCHARD
 SCALE: N.T.S.
 ISSUED FOR CONSTRUCTION BY: DATE: 2020-06-18
 CONSULTANT NO.: 19-0107-005_E03

ENGINEER'S SEAL

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

HURST PUMPING STATION
 STRUCTURAL REPAIRS AND DRAINAGE BUILDING UPGRADES
 ELECTRICAL
 DRAINAGE LIFT STATION
 SINGLE LINE DIAGRAM

CITY DRAWING NUMBER: 1-0650Y-E0001
 SHEET: 001
 REV: 02
 SIZE: A1