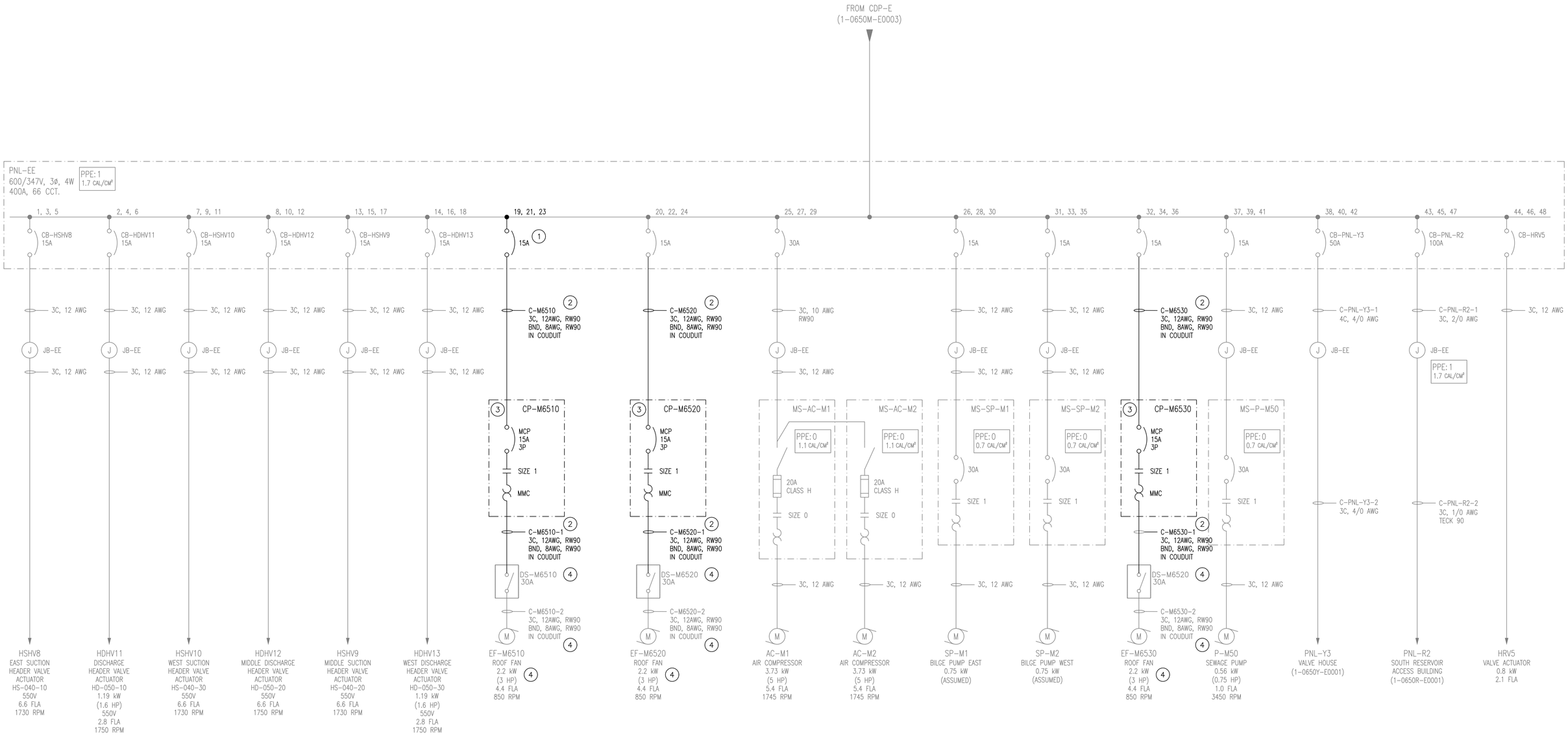

CONSTRUCTION NOTES:

1. REPLACE EXISTING 30A BREAKER WITH 15A, 3P, 600VOLT, 18K AIC BREAKER. EXISTING BREAKER TO BE TURNED TO THE CITY
2. PROVIDE AND INSTALL NEW CABLING AND CONDUIT FROM PNL-EE TO EXHAUST FAN STAND ALONE STARTERS AND TO FAN DISCONNECT SWITCHES.
3. PROVIDE AND INSTALL NEW STAND ALONE MOTOR STARTER FOR EXHAUST FANS EF-M6510/6520/6530, REFER TO SCHEMATIC DIAGRAMS FOR STARTER DETAILS
4. RETAIN EXISTING DISCONNECT SWITCHES AND CABLING TO THE EXHAUST FANS, RE-TAG AND PROVIDE NEW LAMACOID FOR EXISTING FANS, DISCONNECT AND CABLING TO MATCH NEW TAGGING AS SHOWN ON DESIGN DRAIWNGS

LEGEND:

EXISTING
NEW

DRAWING NUMBER	REFERENCE DRAWINGS
1-0650M-E0034	MOTOR SCHEMATICS – EXHAUST FAN M6530
1-0650M-E0033	MOTOR SCHEMATICS – EXHAUST FAN M6520
1-0650M-E0032	MOTOR SCHEMATICS – EXHAUST FAN M6510
1-0650M-E0001	ELECTRICAL SINGLE LINE DIAGRAM – LEGEND & DETAILS

NOTES:

1. 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.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2023-07-14

NO.	REVISIONS	DATE	DESIGN	CHECK
4	ISSUED FOR TENDER/CONSTRUCTION	2023/07/14	MAM	ALV
3	ISSUED FOR DEMOLITION	2023/07/14	MAM	ALV
2	ISSUED AS-BUILT	2022/11/28		
1	ISSUED FOR CONSTRUCTION	2020/06/18		
0	ISSUED FOR CITY USE	2011/12/12	VE	CJR

AECOM

DESIGNED BY: MAM
CHECKED BY: ALV
DRAWN BY: MAM
APPROVED BY: SSB
SCALE: NTS
RELEASED FOR CONSTRUCTION BY:
DATE: 2023-07-14
DATE:
CONSULTANT NO.:

ENGINEER'S SEAL
PROVINCE OF MANITOBA
S.S. BOGHOSIAN
Member
33454
REGISTERED PROFESSIONAL ENGINEER
2023-07-14

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

HURST PUMPING STATION
HVAC UPGRADES
ELECTRICAL SINGLE LINE DIAGRAM
PNL-EE – NEW WORK

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0650M-E0018	001	4	A1

A1 SIZE - 594mm x 841mm

LAST SAVE: 2023/07/13 8:43 AM
PATH: C:\Users\marva\AECOM\ELENS Romania - General\PROJECTS\Hurst Pumping Station HVAC\Electrical\Working\1-0650M-EE0018-001-R4.dwg