

CONTRACTOR TO REMOVE AND RELOCATE ALL THE ITEMS ON THE WALL TO ANOTHER WALL SPACE AVAILABLE IN THE SAME ROOM



PHOTO 2



EXISTING CABLE TRAY

LOCATION FOR NEW STANDBY
FHA-ELS-PDP-0200E



PHOTO 3

EXISTING SUMP PUMP
CONTROL PANEL
FHA-WWW-CP-6210

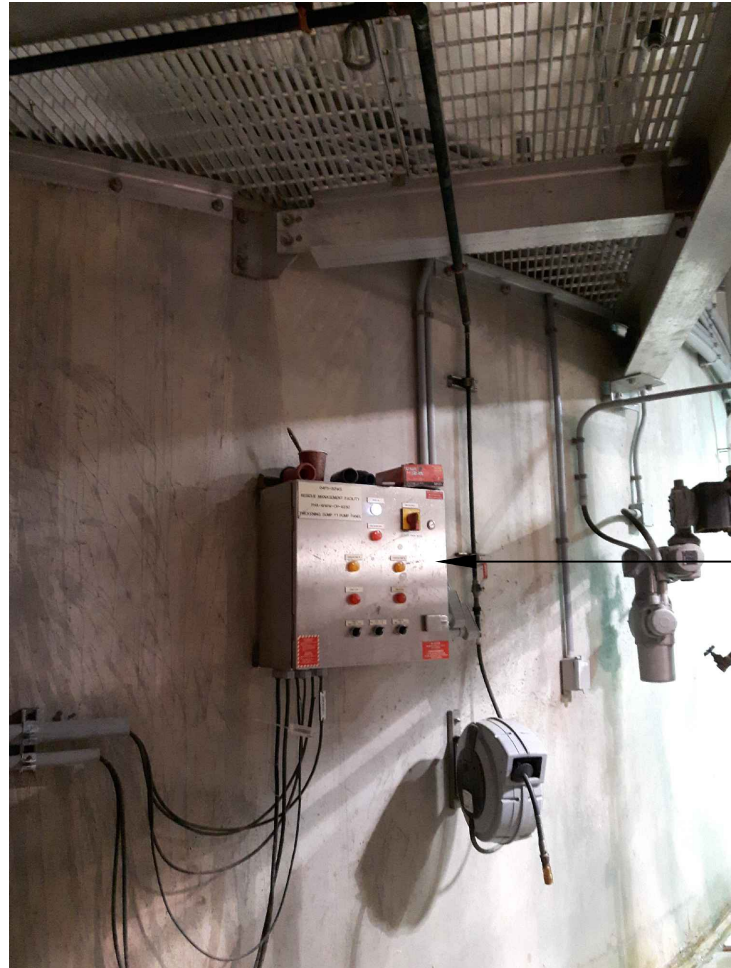


PHOTO 4

EXISTING SUMP PUMP
CONTROL PANEL
FHA-WWW-CP-6230



PHOTO 5

EXISTING SUMP PUMP
CONTROL PANEL
FHA-WWW-CP-6240



PHOTO 6

EXISTING
FHA-WWW-LP-B
FED FROM LP-2.
IT IS LOCATED
ONE (1) LEVEL
ABOVE THE ROOM
WHERE THE
EXISTING
MCC-0200 IS
LOCATED



PHOTO 1

NEW STANDBY
FHA-ELS-0200E
* PHOTO 2

ELECTRICAL ROOM
SEE DETAIL 'A' ON DWG E208

EXISTING
FHA-ELS-MCC-0200
* PHOTO 1

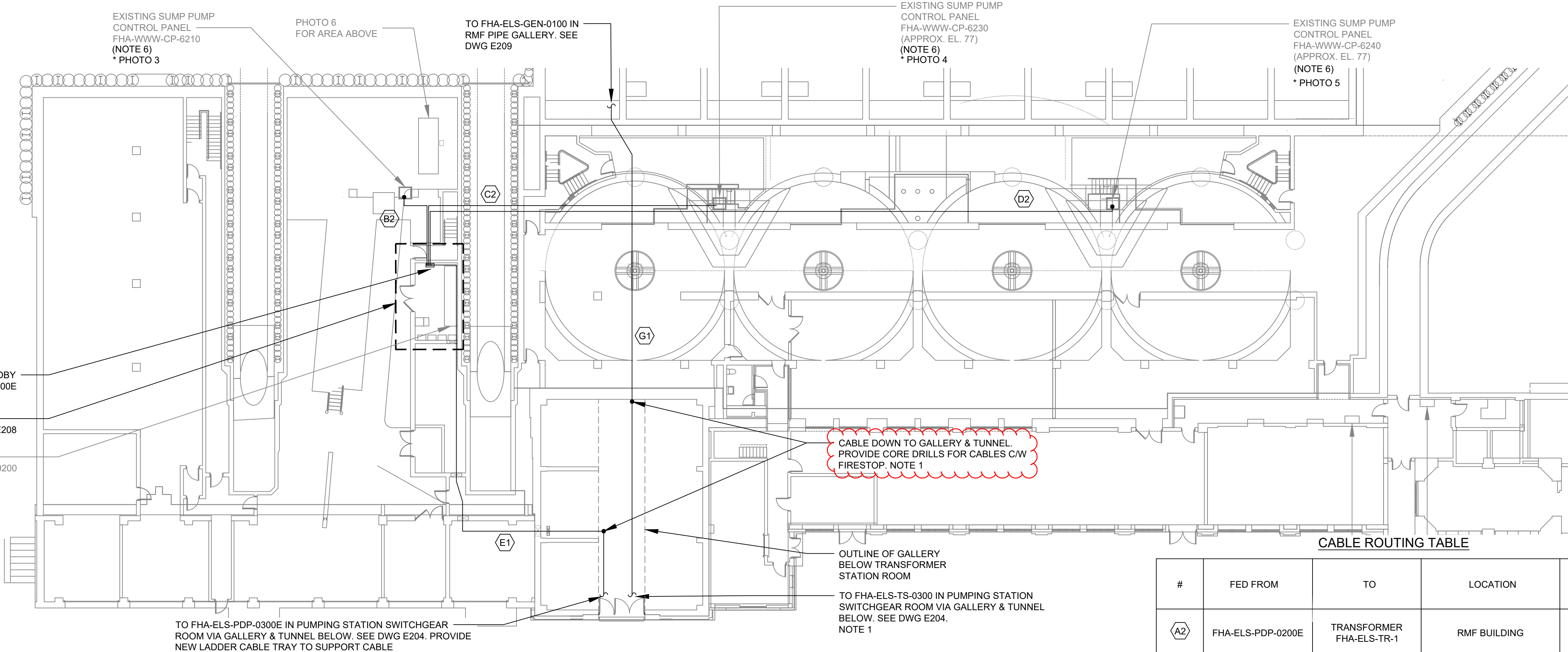
EXISTING SUMP PUMP
CONTROL PANEL
FHA-WWW-CP-6210
(NOTE 6)
* PHOTO 3

PHOTO 6
FOR AREA ABOVE

TO FHA-ELS-GEN-0100 IN
RMF PIPE GALLERY. SEE
DWG E209

EXISTING SUMP PUMP
CONTROL PANEL
FHA-WWW-CP-6230
(APPROX. EL. 77)
(NOTE 6)
* PHOTO 4

EXISTING SUMP PUMP
CONTROL PANEL
FHA-WWW-CP-6240
(APPROX. EL. 77)
(NOTE 6)
* PHOTO 5



NOTES:

1. PROVIDE NEW AND COMPLETE OVERHEAD CABLE TRAY SYSTEM FOR ALL NEW POWER AND CONTROL CABLE AND WIRING AS REQUIRED TO INTERCONNECT EQUIPMENT. USE OF EXISTING CABLE TRAYS WILL ONLY BE ACCEPTED IF SUFFICIENT SPACE IS AVAILABLE AND THE RESULTING FILL AREA DOES NOT EXCEED THE OESC CODE REQUIREMENTS. MAXIMUM ALLOWABLE FILL AREA NOT TO BE EXCEEDED.
2. PROVIDE SEPARATE CABLE TRAYS OR ACCEPTABLE BARRIER FOR CONDUCTORS OF 600VAC POWER, ELECTRICAL LIGHTING, 120VAC CONTROL AND SIGNAL WIRING.
3. UNLESS OTHERWISE INDICATED, ALL CONDUCTORS ARE TO BE COPPER AND ALL POWER CABLES ARE TO BE TECK90.
4. REFER TO DWG E143 FOR NEW STANDBY FHA-ELS-PDP-0200E SINGLE LINE DIAGRAM AND CABLE SCHEDULE.
5. REFER TO DWG E144 FOR NEW STANDBY PDP ELEVATION LAYOUT.
6. CONTRACTOR TO FIELD VERIFY EXISTING SUMP PUMP CONTROL PANEL LOCATIONS.
7. FLOOR/WALL TO BE CORE-DRILLED TO MAKE NEW HOLES TO RUN NEW CABLES. VNEW CABLES TO BE SUPPORTED AND PROTECTED PROPERLY.
8. SUITABLE CORING LOCATION TO BE IDENTIFIED PRIOR TO DRILLING TO PREVENT ANY INTERFERENCE WITH EXISTING EQUIPMENT, PIPES AND CONDUITS IN THE SWITCHGEAR ROOM.
9. ALL HOLES TO BE PATCHED AND FILLED. THEY SHALL BE RESTORED TO THE SAME FLOOR CONDITION AS PRIOR TO DRILLING.

ELECTRICAL FLOOR PLAN - RMF & SERVICE BUILDING (EL. 83.00)

1:200

#	FED FROM	TO	LOCATION	REFERENCE
A2	FHA-ELS-PDP-0200E	TRANSFORMER FHA-ELS-TR-1	RMF BUILDING	DWG E208
B2	FHA-ELS-PDP-0200E	SUMP PUMP CONTROL PANEL FHA-WWW-CP-6210	RMF BUILDING (NOTE 6)	DWG E208
C2	FHA-ELS-PDP-0200E	SUMP PUMP CONTROL PANEL FHA-WWW-CP-6230	RMF & SERVICE BUILDING (NOTE 6)	DWG E207
D2	FHA-ELS-PDP-0200E	SUMP PUMP CONTROL PANEL FHA-WWW-CP-6240	RMF & SERVICE BUILDING (NOTE 6)	DWG E207
E1	FHA-ELS-PDP-0300E	FHA-ELS-PDP-0200E	FROM PUMPING STATION TO RMF BUILDING	DWG E205, E207, E208
G1	GENERATOR 1 FHA-ELS-GEN-0100	FHA-ELS-TS-0300	FROM RMF PIPE GALLERY TO SWITCHGEAR ROOM PUMP BUILDING	DWG E201, E205, E207, E209

EXISTING
NEW
REMOVAL, TO BE
REPLACED WITH
NEW CABLES &
INSTALLED COMPLETE

Toronto Water

Toronto

TORONTO WATER

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R.C. HARRIS WATER TREATMENT PLANT
INSTALLATION OF A STANDBY GENERATOR FOR CRITICAL LOADS
ELECTRICAL FLOOR PLAN - RMF & SERVICE BUILDING

ELECTRICAL

DESIGN: SC DRAFTING: SC CHECK: TS CONTRACT No. 25ECS-MI-03HA
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ARCADIS Professional Services (Canada) Inc.

B	2025-06-10	ISSUED FOR ADDENDUM #1	T.S.	
A	2025-03-18	ISSUED FOR TENDER	T.S.	
NO.	DATE	REVISIONS	INITIAL	SIGNED