



4 WALL ELEVATION DEMOLITION
E9 SCALE: 1:25

2 WALL SECTION
E9 SCALE: 1:25

5 WALL ELEVATION NEW
E9 SCALE: 1:25

6 WALL ELEVATION DEMOLITION
E9 SCALE: 1:25

7 WALL ELEVATION NEW
E9 SCALE: 1:25

3 WALL SECTION
E9 SCALE: 1:25

1 BUILDING MHJ
E9 SCALE: 1:25

NOTES

1 THIS NOTE NOT USED.

2 THIS NOTE NOT USED.

3 EXISTING JUNCTION BOX AND CONDUITS TO BE REMOVED WHEN ALL NEW CABLES ARE OPERATIONAL. VERIFY THAT ALL CIRCUITS ARE DE-ENERGIZED BEFORE REMOVING.

4 EXISTING EQUIPMENT CABINET TO REMAIN.

5 REMOVE TWO OBSOLETE ALTEC AMPLIFIER RACKS. COORDINATE WITH INSTITUTION BEFORE REMOVAL.

6 EXISTING COMMUNICATION RACK TO REMAIN.

7 RAISE EXISTING TRANSFORMER BY INCREASING HEIGHT OF HOUSEKEEPING PAD TO 300mm.

8 RELOCATE CONTROL BOX ASSOCIATED WITH FIRE ALARM AND ALL WIRING.

9 INSTALL 610mm WIDE 75mm HIGH CABLE TRAY WITH VENTILATED COVER ON FLOOR. MOUNT ON 1-5/8" HIGH UNISTRUT CHANNEL. DO NOT COVER FLOOR DRAIN.

10 INSTALL 2 CABLES FOR BUILDING MHT ALONG WALL.

11 NEW FEEDER CABLES TO ENTER TOP OF NEW PANELS.

12 INSTALL 6 CABLES FOR BUILDINGS MHA, MHE, AND MHS IN CABLE TRAY. SEE NOTE 9.

13 RELOCATE WIRING FOR DUCT SMOKE DETECTOR IF REQUIRED.

14 INSTALL CABLES ABOVE HEATING DUCT AND PRESERVE ACCESS TO VALVE IN THIS AREA.

15 ENSURE FLOOR DRAIN IS NOT COVERED BY CABLE TRAY.

16 2 CABLES FOR BUILDING MHT. INSTALL VERTICALLY, TIGHT TO WALL OF MECHANICAL ROOM AND RADIUS THROUGH WALL INTO CRAWLSPACE.

17 REMOVE OBSOLETE WALL MOUNTED DISCONNECT SWITCH.

18 INSTALL 2 CABLES FOR BUILDING MHJ PANELS ON CEILING. MAINTAIN 2 METER MINIMUM HEADROOM FROM FLOOR THROUGHOUT.

19 INSTALL 8 CABLES FOR BUILDINGS MHA, MHE, MHS AND MHT ALONG WALL.

20 INSTALL TWO CABLES FOR BUILDING MHJ PANELS TIGHT TO CEILING ABOVE HEATING PIPES IN THIS AREA.

21 EXISTING FLOOR DRAIN. RELOCATE TWO VERTICAL HEATING SYSTEM PIPES TO FLOOR DRAIN TO ALLOW CABLES TO PASS BY ON WALL.

22 RELOCATE HORIZONTAL PIPING TO ALLOW NEW CABLES TO BE INSTALLED ON WALL. MAINTAIN CLEARANCE BETWEEN NEW CABLES AND HEATING PIPES.

23 3 CABLES FOR BUILDING MHT AND SECONDARY WATER. INSTALL VERTICALLY, TIGHT TO WALL OF MECHANICAL ROOM AND RADIUS THROUGH WALL INTO CRAWLSPACE. REFER TO STRUCTURAL DRAWINGS.

24 RELOCATE BOX AND WIRING ON WALL.

25 RELOCATE DRAIN PIPING AS REQUIRED.

26 EXISTING 48"W X 24"H X 8" DEEP JUNCTION BOX. CABLES TO PASS BEHIND EXISTING CONDUITS BELOW BOX.

27 INSTALL 6 CABLES FOR BUILDINGS MHA, MHE, AND MHS TO PASS THROUGH WALL.

28 SIX CABLES FOR BUILDINGS MHA, MHE, AND MHS TO PASS THROUGH WALL.

29 TWELVE CABLES FOR BUILDINGS MHA, MHE, MHJ, MHS, MHT, SECONDARY WATER SUPPLY AND MHS MCC IN TWO VERTICALLY STACKED CABLE TRAYS. SEE DRAWING E-12.

30 TWO CABLES TO BUILDINGS MHT. SEE DRAWING E-14.

31 REMOVE EXISTING PANELS EPPJ-600 AND NPPJ-600 AND REPLACE WITH NEW DISTRIBUTION PANELS. RECONNECT ALL EXISTING LOADS.

32 PERFORM LOCATES WITH GROUND PENETRATING RADAR OR X-RAY PRIOR TO CUTTING WALL.

33 EIGHT CABLES FOR BUILDINGS MHA, MHE, MHJ, AND MHS TO PASS THROUGH WALL. REFER TO STRUCTURAL DRAWINGS.

34 ONE NEW CABLE FOR MHS MCC.

35 INSTALL NEW JUNCTION BOX AT CEILING IN MECHANICAL ROOM, FOR FEEDER TO MHS MCC. CONNECT EXISTING CONDUCTORS TO NEW CABLE IN JUNCTION BOX.

36 RELOCATE EXISTING CONTROLS AS REQUIRED.

37 EXISTING FEEDER TO PANEL NPPJ-600 TO BE REMOVED WHEN NEW FEEDER IS OPERATIONAL. REMOVE JUNCTION BOX, RELOCATE ALL OTHER WIRING AS REQUIRED.

38 REFER TO NOTE ON SHEET S-2, DETAIL 3 REGARDING ADJUSTMENTS TO FINAL LOCATIONS OF WALL OPENINGS.

LEGEND

LIGHT LINES INDICATE EXISTING EQUIPMENT AND FEEDERS TO REMAIN

DARK LINES INDICATE NEW EQUIPMENT AND FEEDERS.

DARK DASHED LINES INDICATE EXISTING EQUIPMENT AND FEEDERS TO BE REMOVED OR RELOCATED.

04		
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02		
01	ISSUED FOR BID	2013-08-15
revision		date
Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.		
<div><div><div>A</div><div>B</div><div>C</div></div><div><div>Detail No.</div><div>No. du détail</div><div>drawing no. - where detail required</div><div>dessin no. - où détail requis</div><div>drawing no. - where detailed</div><div>dessin no. - où détaillé</div></div></div>		
project title titre du projet BATH MILLHAVEN INSTITUTION HWY. 33, BATH, ON KOH 1G0 ELECTRICAL DISTRIBUTION SYSTEM UPGRADE		
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