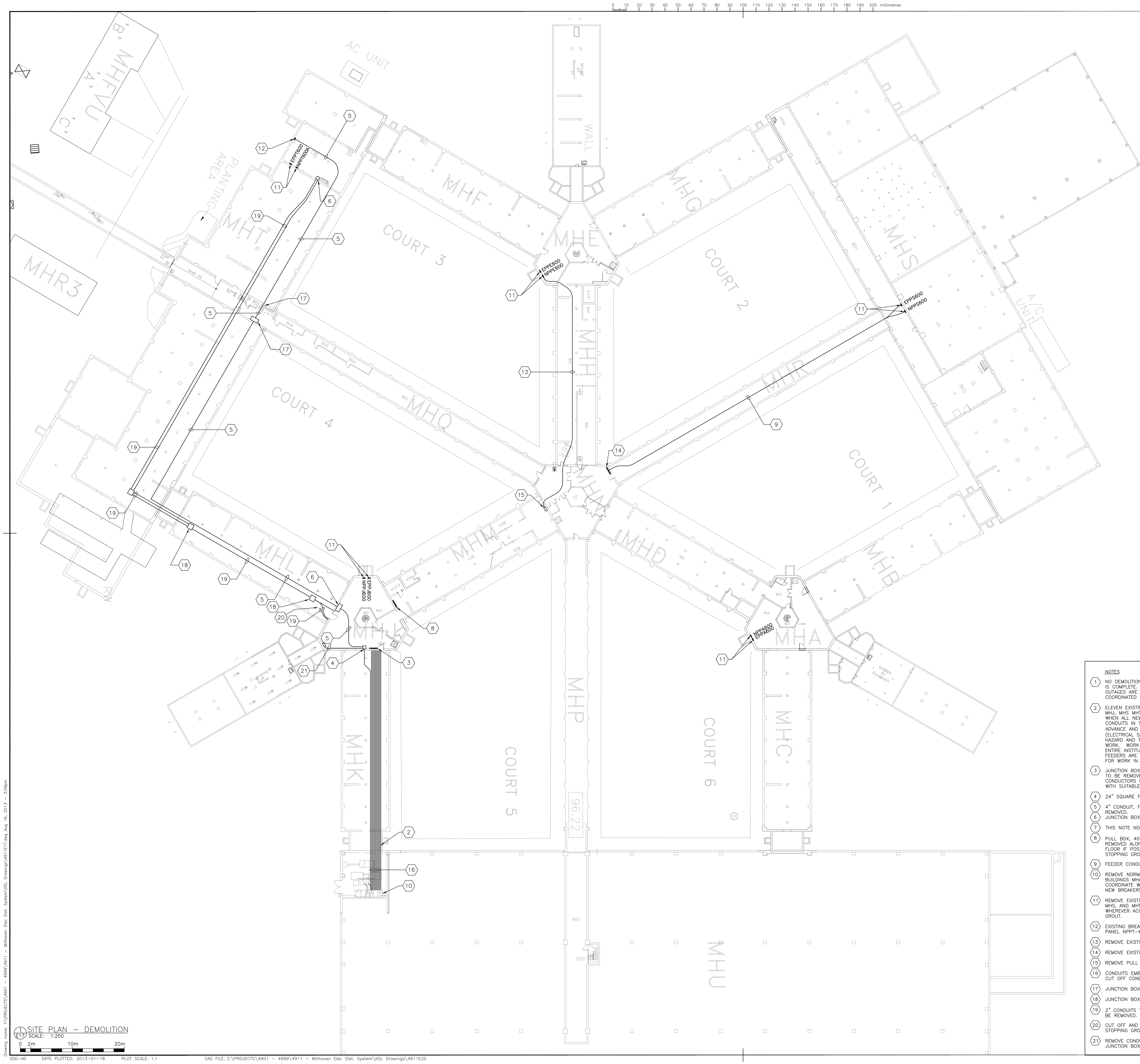

1 SITE PLAN – DEMOLITION
E17 SCALE: 1:250
0 2m 10m 20m

Drawing name: Y:\PROJECTS\4901 – 4999\4911 – Millhaven Elec Dist. System\KEL Drawings\4911E17.dwg Aug 16, 2013 – 3:09pm

GSC-A0 DATE PLOTTED: 2013-01-18 PLOT SCALE: 1:1 CAD FILE: Z:\PROJECTS\4901 – 4999\4911 – Millhaven Elec Dist. System\KEL Drawings\4911E20

NOTES

1. NO DEMOLITION WORK IS TO TAKE PLACE IN EACH AREA UNTIL ALL NEW WORK IN THAT AREA IS COMPLETE. POWER MUST BE MAINTAINED TO ALL BUILDINGS AT ALL TIMES. POWER OUTAGES ARE TO TAKE PLACE BETWEEN 11PM AND 6AM THE NEXT MORNING AND MUST BE COORDINATED WITH THE INSTITUTION. VERIFY ALL CIRCUITS BEFORE REMOVING.
2. ELEVEN EXISTING CONDUITS, CONDUCTORS AND SUPPORTS FOR FEEDERS TO BUILDINGS MHE, MHJ, MHS MHT, SECONDARY WATER SUPPLY, AND BUILDING MHS MCC TO BE REMOVED ONLY WHEN ALL NEW FEEDERS TO THOSE BUILDINGS ARE INSTALLED AND WORKING. EXISTING CONDUITS IN THIS AREA ARE DETERIORATED. CONTRACTOR IS TO SUBMIT A WORK PLAN IN ADVANCE AND RECEIVE APPROVAL FROM CPM (CHIEF OF PLANT MAINTENANCE) AND ESA (ELECTRICAL SAFETY AUTHORITY) TO PROTECT WORKERS FROM ARC FLASH AND SHOCK HAZARD AND TO PREVENT POWER LOSS TO AFFECTED BUILDINGS PRIOR TO COMMENCING WORK. WORK PLAN MUST INCLUDE FOR POWER TO BE MAINTAINED. POWER OUTAGE OF THE ENTIRE INSTITUTION IS NOT ACCEPTABLE. VERIFY CORRECT FEEDER CIRCUIT AND THAT FEEDERS ARE DE-ENERGIZED BEFORE REMOVING. APPROPRIATE ARC FLASH PPE IS REQUIRED FOR WORK IN THIS AREA UNTIL AREA OF DETERIORATED CONDUITS IS SUITABLY PROTECTED.
3. JUNCTION BOX, 60" WIDE X 24" HIGH FOR EXISTING FEEDERS TO BUILDINGS MHJ, MHA, MHE, TO BE REMOVED ALONG WITH EIGHT CONDUITS INTO CONCRETE FLOOR, REMOVE ALL CONDUCTORS FROM FLOOR IF POSSIBLE. CUT OFF CONDUITS FLUSH WITH FLOOR AND SEAL WITH SUITABLE FIRE STOPPING GROUT. SUBMIT SHOP DRAWING OF GROUT FOR APPROVAL.
4. 24" SQUARE PULL BOX FOR FEEDERS TO BUILDING MHT TO BE REMOVED.
5. 4" CONDUIT, FEEDER CONDUCTORS AND SUPPORTS TO BUILDING MHT PANEL NPPT-600 TO BE REMOVED.
6. JUNCTION BOX TO BE REMOVED.
7. THIS NOTE NOT USED.
8. PULL BOX, 40"W X 24"H X 8"D FOR EXISTING FEEDERS TO BUILDINGS MHS AND MHE TO BE REMOVED ALONG WITH 8 CONDUITS INTO CONCRETE FLOOR. REMOVE ALL CONDUCTORS FROM FLOOR IF POSSIBLE CUT OFF CONDUITS FLUSH WITH FLOOR AND SEAL WITH SUITABLE FIRE STOPPING GROUT. SUBMIT SHOP DRAWING OF GROUT FOR APPROVAL.
9. FEEDER CONDUITS AND CONDUCTORS TO BUILDING MHS TO BE REMOVED WHEREVER EXPOSED.
10. REMOVE NORMAL AND ESSENTIAL POWER FEEDER BREAKERS IN PANELBOARDS S1 AND S2 FOR BUILDINGS MHA, MHE, MHJ, MHS, MHT, SECONDARY WATER SUPPLY AND BUILDING MHS MCC. COORDINATE WITH INSTITUTION. REFER TO SHEET E-21. REFER TO SHEET E-5 REGARDING NEW BREAKERS.
11. REMOVE EXISTING NORMAL AND ESSENTIAL POWER PANELS IN BUILDINGS MHA, MHE, MHJ, MHS, AND MHT. REMOVE FEEDER CONDUITS, WIRING PULL BOXES AND JUNCTION BOXES WHEREVER ACCESSIBLE. SEAL ALL CONDUITS WHICH ARE CUT OFF, WITH FIREPROOFING GROUT.
12. EXISTING BREAKER PANEL NPPT-600 IN BUILDING MHT TO REMAIN. REUSE CONDUIT TO NEW PANEL NPPT-600A IF APPROPRIATE.
13. REMOVE EXISTING TECK 90 CABLE FEEDING PANEL EPPE-600.
14. REMOVE EXISTING CONDUITS AND CONDUCTORS FOR BUILDING MHS.
15. REMOVE PULL BOX, FOUR CONDUITS TO FLOOR, WIRING, AND TECK CABLE TO BUILDING MHE.
16. CONDUITS EMBEDDED IN CONCRETE TO REMAIN. REMOVE CONDUCTORS WHERE POSSIBLE. CUT OFF CONDUITS FLUSH AND SEAL WITH SUITABLE FIRE STOPPING GROUT.
17. JUNCTION BOX FOR CONDUCTORS TO PANEL NPPT-600 TO BE REMOVED.
18. JUNCTION BOX CONTAINING COMMUNICATIONS WIRING TO REMAIN.
19. 2" CONDUITS TO PANELS EPPT-600 AND OBSOLETE CONDUIT TO OLD PANEL NPPT-600 TO BE REMOVED.
20. CUT OFF AND REMOVE CONDUIT AT POINT WHERE IT ENTERS CEILING. SEAL WITH FIRE STOPPING GROUT.
21. REMOVE CONDUIT AT FLOOR OF MECHANICAL ROOM, FOR SECONDARY WATER SUPPLY. JUNCTION BOX IS TO BE RETAINED.

Public Works and Government Services Canada
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LICENSED PROFESSIONAL ENGINEER R.J. VOS AUG.15/13 PROVINCE OF ONTARIO
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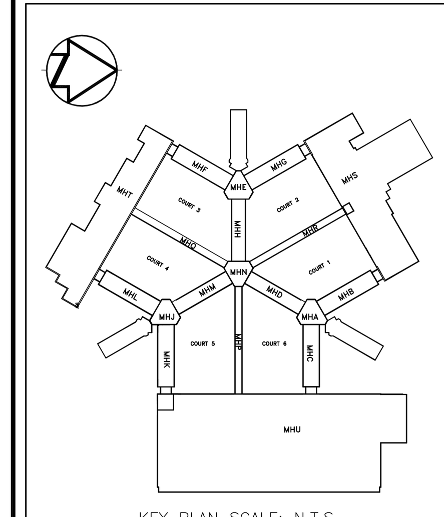

KEY PLAN SCALE: N.T.S.

revision		date
04		
03		
02		
01	ISSUED FOR BID	2013-08-15

Do not scale drawings.
Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

A Detail No. / No. du détail
B drawing no. – where detail required / dessin no. – où détail exigé
C drawing no. – where detailed / dessin no. – où détaillé

project title / titre du projet
BATH Ontario
MILLHAVEN INSTITUTION
HWY. 33, BATH, ON
K0H 1G0
ELECTRICAL DISTRIBUTION SYSTEM UPGRADE

drawing title / titre du dessin
SITE PLAN – DEMOLITION

drawn by / dessine par	K. ROBINSON
designed by / conc par	R. FERGUSON
approved by / approuve par	R. VOS
bid / offre	K. HAQUE — project manager / administrateur de projets
project date / date du projet	2013-05-27
project no. / no. du projet	R.053529.001
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