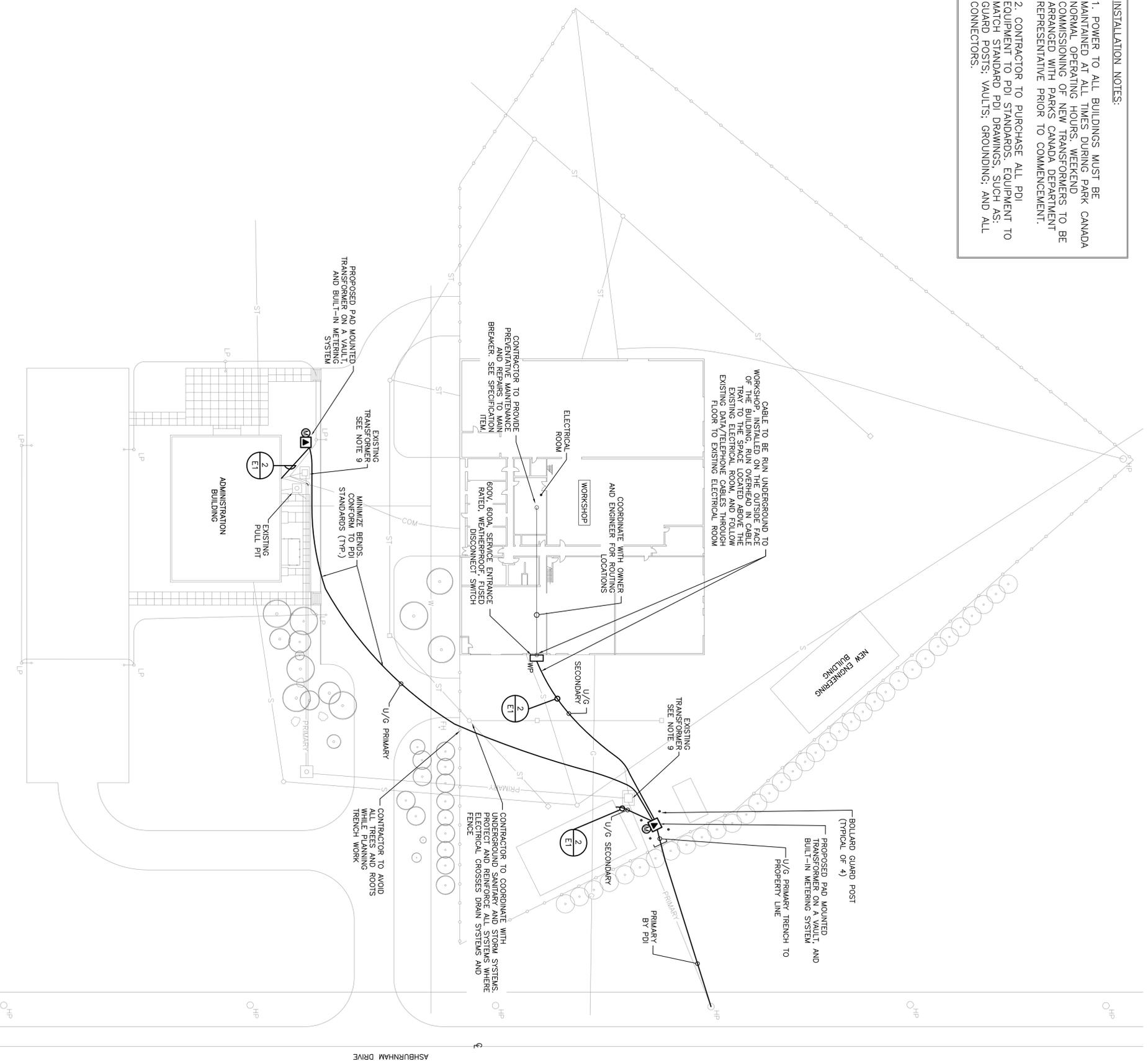
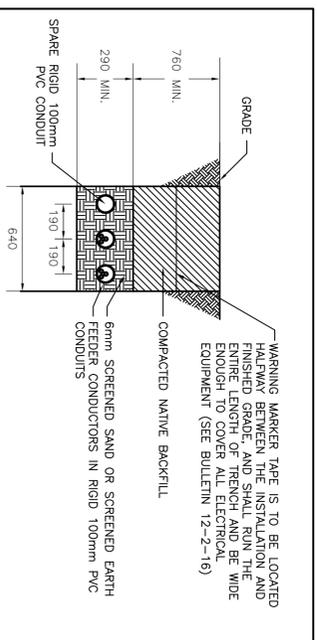


- INSTALLATION NOTES:**
1. POWER TO ALL BUILDINGS MUST BE MAINTAINED AT ALL TIMES DURING PARK CANADA NORMAL OPERATING HOURS. WEEKEND COMMISSIONING OF NEW TRANSFORMERS TO BE ARRANGED WITH PARKS CANADA DEPARTMENT REPRESENTATIVE PRIOR TO COMMENCEMENT.
 2. CONTRACTOR TO PURCHASE ALL PDI EQUIPMENT TO PDI STANDARDS, EQUIPMENT TO MATCH STANDARD PDI DRAWINGS, SUCH AS: GUARD POSTS; VAULTS; GROUNDING; AND ALL CONNECTORS.



1 SITE PRIMARY & SECONDARY FEEDS
SCALE: 1/32" = 1'-0"



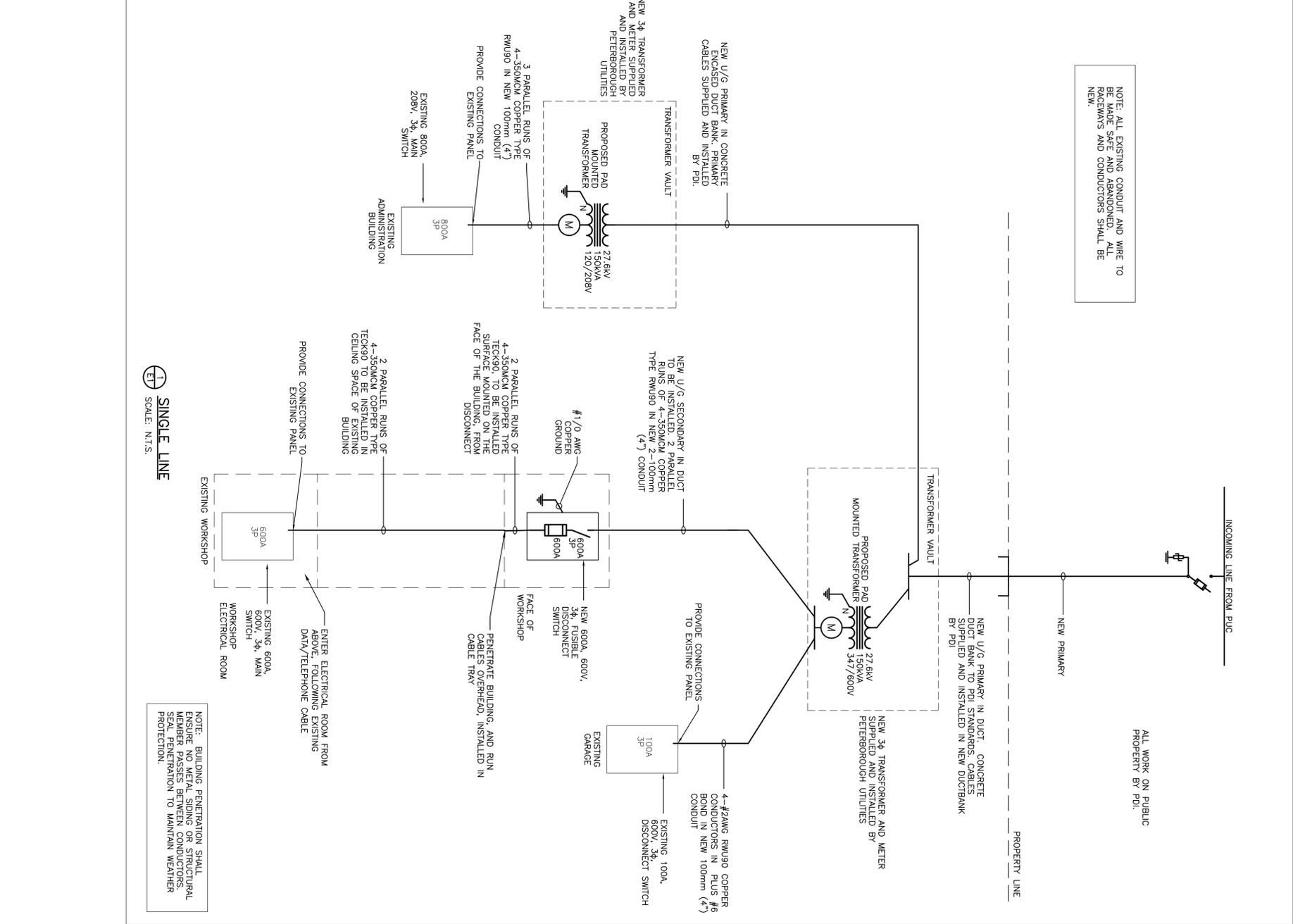
- GENERAL NOTES**
1. BASE INFORMATION ON THIS DRAWING OBTAINED FROM TRENT SEVERN WATERWAY.
 2. CONTRACTOR TO COORDINATE WITH CIVIL AND PETERBOROUGH DISTRIBUTION INC. DRAWINGS TO DETERMINE JOINT SERVICES TRENCHING.
 3. PAD MOUNT TRANSFORMERS LOCATIONS ARE RECOMMENDED. CONTRACTOR TO COORDINATE WITH OWNER ON EXACT LOCATION AND WITH PDI FOR INSTALLATION INSTRUCTIONS.
 4. ENSURE THAT ALL METAL STRUCTURES LOCATED WITHIN 2.4m (8'-0") OF PADMOUNT TRANSFORMER ARE BONDED AS PER BULLETIN 36-10-17
 5. CONTRACTOR SHALL OBTAIN LATEST VERSION OF STANDARD DETAILS AND SPECIFICATIONS REQUIREMENTS THROUGH DISTRIBUTION INC. AND SHALL ENSURE INSTALLATION COMPLIES WITH REQUIREMENTS.
 6. MINIMUM DETAILS TO OBTAIN WOULD INCLUDE TRANSFORMER VAULT, GROUNDING, PRIMARY TRENCH, DUCT ENTRY.
 7. CONTRACTOR RESPONSIBLE TO PROVIDE ALL TRENCHING AND CIVIL WORKS. PULL CORDS FOR PRIMARY SYSTEM.
 8. RESTORATION: CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE RESTORATION BACK TO ORIGINAL CONDITION WHICH INCLUDES ASPHALT, SOI, CONCRETE CURB AND ANY OTHER SYSTEMS.
 9. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE EXISTING TRANSFORMER PAD AND ALL EXISTING CONCRETE AROUND PAD, BACKFILL AND RESTORE TO MATCH SURROUNDING AREA.
 10. TRANSFORMER IS TO BE LOCATED AT LEAST 3.0m (10') FROM ANY STRUCTURE.
 11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE LOCATES AND TO PROTECT ANY UNDERGROUND UTILITIES.

<p>Kirkland Engineering Ltd BCIN: 28857</p>		<p>PROFESSIONAL ENGINEER P.Eng. BERTHELOT Date: 28/1/17 Province of Ontario Electrical BCIN 23396</p>	
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<p>KIRKLAND ENGINEERING LTD. 570 Water Street Peterborough, Ontario P. (905) 742-2631 F. (905) 741-1526 www.kirklandeng.com</p>		<p>PROJECT TRENT SEVERN WATERWAY ELECTRICAL UPGRADES 2155 Ashburnham Drive Peterborough, Ontario</p>	
<p>TITLE SITE PLAN</p>			
<p>DESIGN PBB</p>		<p>SCALE: AS NOTED</p>	
<p>DRAWN TMS</p>		<p>DWG NO.</p>	
<p>CHECKED PBB</p>		<p>APPROVED PBB</p>	
<p>PROJECT 5383</p>		<p>E1</p>	

SPECIFICATION

1. GENERAL CONDITIONS
 - 1.1. DO ALL WORK IN ACCORDANCE WITH ONTARIO ELECTRICAL SAFETY CODE, CURRENT EDITION, BASED UPON THE CANADIAN ELECTRICAL CODE, PART I, CSA STANDARD C22.1, AND ALL BULLETINS TO DATE.
 2. SCOPE OF WORK
 - 2.1. PROVIDE ALL MATERIALS, EQUIPMENT AND LABOUR TO PROVIDE A COMPLETE OPERATING INSTALLATION AS DESIGNATED IN THIS SPECIFICATION AND AS INDICATED ON THE DRAWINGS EXCEPT WHERE OTHERWISE NOTED.
 - 2.2. THE SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO, SUPPLY AND INSTALLATION OF THE FOLLOWING ITEMS:
 - 2.2.1. ONE (1) TRANSFORMER
 - 2.2.2. ONE (1) TRANSFORMER ELECTRICAL SERVICE AND TRANSFORMER PADS
 - 2.2.3. GROUNDING OF TRANSFORMERS TO PDI STANDARDS
 3. GENERAL
 - 3.1. ALL MATERIALS SHALL BE CSA APPROVED, NEW AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 4. EXAMINATION OF SITE
 - 4.1. PRIOR TO SUBMITTING TENDERS, THIS CONTRACTOR SHALL VISIT THE SITE TO DETERMINE ALL EXISTING CONDITIONS.
 - 4.2. ALLOW FOR ALL COSTS ASSOCIATED WITH COMPLETING THE WORK OF DIVISION 16 IN ACCORDANCE WITH THE SPECIFICATIONS.
 - 4.3. NO ALLOWANCE FOR EXTRA PAYMENTS TO THE CONTRACTOR WILL BE MADE BY THE OWNER FOR FAILING TO VISIT AND EXAMINE SITE CONDITIONS.
 - 4.4. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LOCATES FOR ANY HIDDEN SURFACES.
 5. INSURANCE
 - 5.1. THE CONTRACTOR SHALL MAINTAIN SUCH INSURANCE AS WILL FULLY PROTECT BOTH THE OWNER AND THE SUB-CONTRACTOR FROM ANY AND ALL CLAIMS UNDER THE WORKMEN'S COMPENSATION ACT, ALSO ALL INSURANCE AS NOTED WITHIN ARCHITECTURAL GENERAL CONDITIONS.
 6. AS-BUILT DRAWINGS
 - 6.1. MAINTAIN A SEPARATE SET OF WHITE PRINTS ON THE SITE AND NOTE ALL CHANGES AND DEVIATIONS FROM THE ORIGINAL DESIGN. TWO SETS OF THESE DRAWINGS SHOWING ALL AS-BUILT CONDITIONS SHALL BE FORWARDED TO THE ARCHITECT AT THE COMPLETION OF THE WORK.
 - 6.2. PAPER WORK SHALL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CANADIAN ELECTRICAL SAFETY CODE AND THE CANADIAN ELECTRICAL CODE, PART I, CSA STANDARD C22.1. PAPER WORK SHALL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CANADIAN ELECTRICAL SAFETY CODE AND THE CANADIAN ELECTRICAL CODE, PART I, CSA STANDARD C22.1. PAPER WORK SHALL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CANADIAN ELECTRICAL SAFETY CODE AND THE CANADIAN ELECTRICAL CODE, PART I, CSA STANDARD C22.1.
 7. REVISIONS AND EXTRAS
 - 7.1. ADDITIONAL MONEY OVER THE CONTRACT PRICE SHALL NOT BE PAID UNLESS AN APPROVED CHANGE ORDER IS ISSUED BY THE ARCHITECT. CLAIMS FOR EXTRAS SHALL BE SUBMITTED WITH A COMPLETE BREAKDOWN OF MATERIAL, LABOUR, HOURS, RATES, ETC.
 8. CLEAN UP
 - 8.1. BE RESPONSIBLE TO KEEP THE AREA CLEAN AT ALL TIMES AND TO PERIODICALLY REMOVE ALL DEBRIS.
 9. CUTTING AND PATCHING
 - 9.1. ALL CUTTING AND PATCHING REQUIRED FOR THE WORK OF THIS DIVISION SHALL BE CARRIED OUT BY THIS DIVISION. NO CHASING BLOCK WORK WILL BE ALLOWED. CUTTING AND DRILLING SHALL BE PERFORMED IN A MANNER SO AS TO CAUSE LITTLE DAMAGE. BE RESPONSIBLE AND PAY FOR ANY DAMAGE TO THE BUILDING INCURRED BY WORK OF THIS DIVISION. FOLLOWING SAW CUT SHALL BE WITH ASPHALT (H13), GRANULAR (H14), GRANULAR (H15), GRANULAR (H16) AND GRANULAR (H17).
 10. COORDINATION
 - 10.1. BE RESPONSIBLE TO COORDINATE THE INSTALLATION OF EQUIPMENT, CONDUITS, CONDUITORS, ETC. WITH OTHER TRADES AND THE OWNER'S REPRESENTATIVE PRIOR TO THE ACTUAL INSTALLATION.
 11. RESPONSIBILITY
 - 11.1. RESPONSIBILITY FOR ELECTRICAL WORK UNTIL THE COMPLETION AND FINAL ACCEPTANCE FOR REPLACEMENT FOR ANY ITEM THAT MAY BE DEFECTIVE, DAMAGED, LOST OR STOLEN WITHOUT ADDITIONAL COST TO THE OWNER OR DELAY TO THE COMPLETION OF THE PROJECT.
 12. WIRING MATERIALS AND METHODS
 - 12.1. WIRING MATERIALS AND METHODS APPROVED BY ONTARIO ELECTRICAL CODE FOR USE IN NON-COMBUSTIBLE CONSTRUCTION.
 - 12.2. ALL BUILDING WIRE SHALL BE COPPER TYPE RW90-XLPE WHERE APPROPRIATE EXCEPT WHERE OTHERWISE NOTED.
 - 12.3. USE MINIMUM OF #12 AWG FOR BRANCH CIRCUIT WIRING.
 13. SHOP DRAWINGS AND PRODUCT DATA
 - 13.1. SHOP DRAWINGS, MEANS DRAWINGS, DIAGRAMS, ILLUSTRATIONS, SCHEDULES, PERFORMANCE, CHARTS, BROCHURES AND OTHER DATA WHICH ARE TO BE PROVIDED BY CONTRACTOR TO ILLUSTRATE DETAILS OF A PORTION OF THE WORK.
 - 13.2. INDICATE MATERIALS METHODS OF CONSTRUCTION AND ATTACHMENT OR ANCHORAGE, NECESSARY FOR COMPLETION OF WORK.
 - 13.3. MAKE CHANGES IN SHOP DRAWINGS BY OWNER OR ENGINEER ARE NOT INTENDED TO CHANGE CONTRACT PRICE.
 - 13.4. MAKE CHANGES IN SHOP DRAWINGS AS OWNER OR ENGINEER MAY REQUIRE.
 - 13.5. SUBMIT 6 COPIES OF PRODUCT DATA SHEETS OR BROCHURES FOR TRANSFORMER VAULT AND PULL BOXES.
 - 13.6. PROVIDE 2 MAINTENANCE MANUALS COMPLETE WITH WARRANTY, CERTIFICATE OF INFORMATION, ESK, AND COPY OF ALL PRODUCT LITERATURE AND MAINTENANCE INFORMATION.
 14. PERMITS, FEES AND INSPECTION
 - 14.1. SUBMIT TO ELECTRICAL SAFETY AUTHORITY NECESSARY NUMBER OF DRAWINGS AND SPECIFICATIONS FOR EXAMINATION AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
 - 14.2. PAY ASSOCIATED FEES, INCLUDING EQUIPMENT APPROVAL INSPECTION FEE.
 - 14.3. OWNER WILL PROVIDE DESIGN DRAWINGS AND SPECIFICATIONS REQUIRED BY ELECTRICAL SAFETY AUTHORITY AT NO COST.
 - 14.4. MAKING CHANGES OF CHANGES REQUIRED BY ELECTRICAL SAFETY AUTHORITY PRIOR TO COMMENCEMENT OF WORK SHALL BE AT CONTRACTOR'S RISK AND AT CONTRACTOR'S EXPENSE.
 - 14.5. FURNISH CERTIFICATES OF ACCEPTANCE FROM ELECTRICAL SAFETY AUTHORITY AND AUTHORITIES HAVING JURISDICTION OF COMPLETION OF WORK TO ENGINEER.
 15. WARRANTY
 - 15.1. AFTER THE WORK IS COMPLETED, GIVE A WRITTEN GUARANTEE FOR ONE YEAR COVERING WORKMANSHIP AND MATERIALS, REPAIR OR REPLACE, WITHOUT EXPENSE TO THE OWNER, ANY DEFECTS DUE TO WORKMANSHIP OR MATERIALS WHICH IN THE OWNER'S OPINION, ARE NOT DUE TO MISUSE OR NEGLIGENCE.
 16. CONDUITS AND RACEWAYS
 - 16.1. RIGID GALVANIZED STEEL CONDUIT TO BE USED WHERE SUBJECT TO MECHANICAL DAMAGE.
 - 16.2. ELECTRICAL METALLIC TUBING (EMT) WITH COUPLINGS TO BE USED EXCEPT WHERE EMBEDDED IN CONCRETE OR SUBJECT TO UNDER MOISTURE OR MECHANICAL DAMAGE.
 - 16.3. RIGID PVC CONDUIT WHERE EMBEDDED IN CONCRETE OR BELOW GRADE.
 - 16.4. ALL CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CANADIAN ELECTRICAL SAFETY CODE AND THE CANADIAN ELECTRICAL CODE, PART I, CSA STANDARD C22.1. ALL CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CANADIAN ELECTRICAL SAFETY CODE AND THE CANADIAN ELECTRICAL CODE, PART I, CSA STANDARD C22.1.
 - 16.5. CONDUITS IN FINISHED AREA SHALL BE CONCEALED.
 - 16.7. ALL CONDUITS SHALL BE COMPLETE WITH PULL ROPE.
 17. SAW CUT, REMOVE AND RESTORE EXISTING ASPHALT PAVEMENT
 - 17.1. THE CONTRACTOR, WHEN OPEN CUTTING THE EXISTING ROAD, SHALL SAW CUT AND NEATLY REMOVE THE EXISTING ASPHALT FOR THE INSTALLATION OF 100mm DIAMETER RIGID PVC CONDUIT. THE ASPHALT SHALL BE SAW CUT ON BOTH SIDES OF THE TRENCH AND THE MINIMUM WIDTH OF THE TRENCH FOR INSTALLING THE CONDUIT IS TO BE 300mm.
 - 17.2. THE ASPHALT SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED DUMPSTER.
 - 17.3. THE EDGES OF THE EXISTING ASPHALT SHALL BE GROUND OUT 40mm DEEP BY ASPHALT. THE STEP JOINTS SHALL BE SEALED WITH HOT RUBBER ASPHALT SEALING COMPOUND CONFORMING TO CSA 12.2.
 - 17.4. THE ASPHALT SHALL BE GROUND OUT NO LATER THAN TWENTY-FOUR (24) HOURS AFTER THE CONDUIT HAS BEEN INSTALLED ACROSS THE ROADWAY. ASPHALT SHALL BE RESTORED TO EXISTING CONDITIONS.

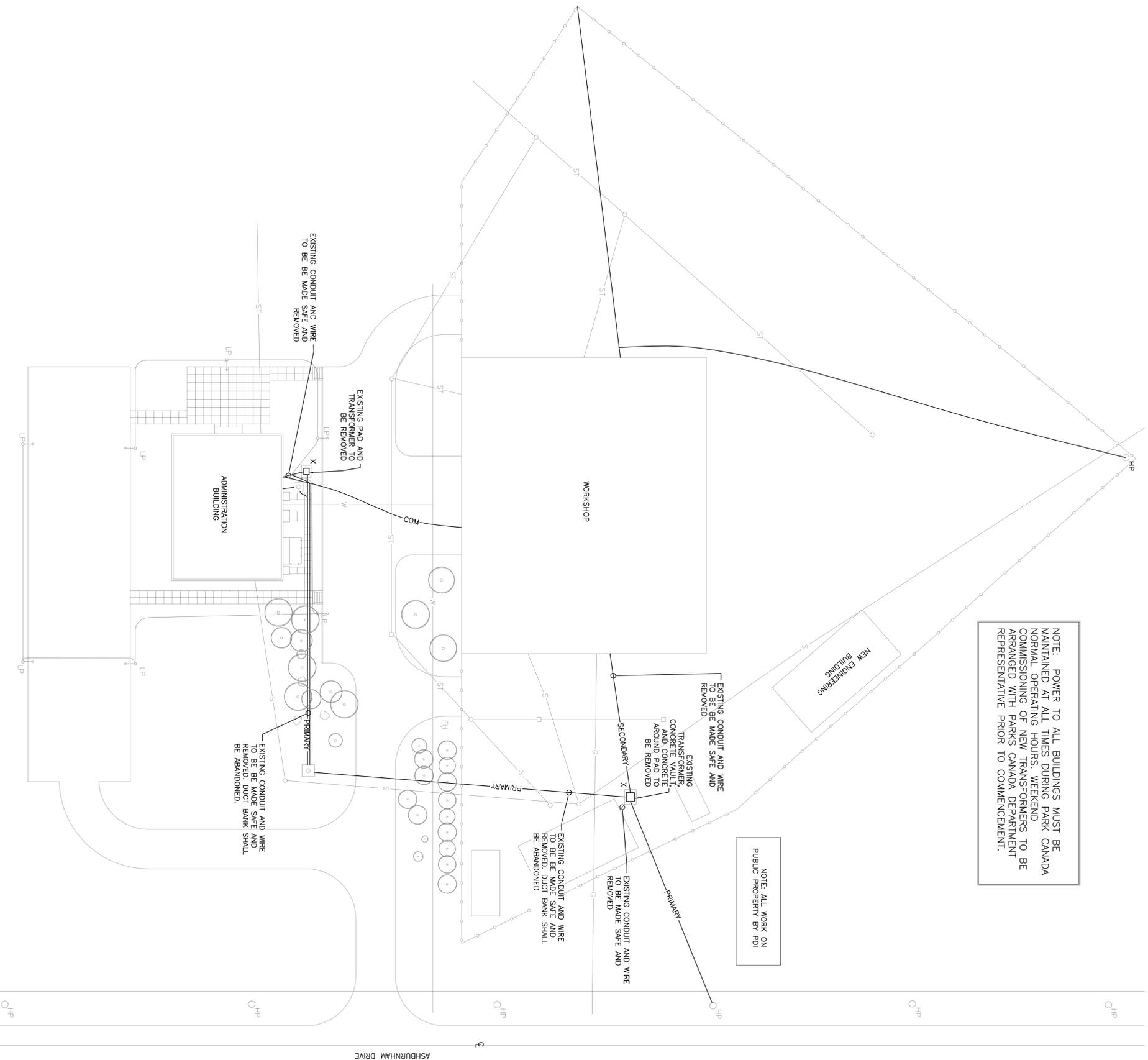
18. EXCAVATION AND BACKFILL
 - 18.1. EXCAVATE TO ELEVATIONS AND DIMENSIONS INDICATED OR REQUIRED BY THE WORK, PLUS SUFFICIENT SPACE TO PERMIT ERECTION OF FORMS, SHORING AND INSPECTION. EXCAVATION SHALL BE MADE TO CLEAN LINES TO MINIMIZE QUANTITY OF FILL MATERIAL REQUIRED.
 - 18.2. REMOVE LARGE ROCKS, STUMPS AND OTHER OBSTRUCTIONS OF WHATEVER NATURE ENCOUNTERED IN THE COURSE OF EXCAVATION AND HAUL AWAY OFF THE SITE.
 - 18.3. REMOVE ALL CONCRETE, MASONRY, RUBBLE OR OTHER CONSTRUCTION DEBRIS ENCOUNTERED DURING THE WORK.
 - 18.4. KEEP BOTTOMS OF EXCAVATIONS CLEAN AND CLEAR OF LOOSE MATERIALS. LEVELLED AND STEPPED AT CHANGES OF LEVELS WITH EXCEPTION OF EXCAVATIONS FOR FOUNDATIONS.
 - 18.5. IF THE EXCAVATIONS REVEAL SEEPAGE ZONES, SPRINGS OR OTHER UNEXPECTED DRAINAGE SYSTEM, INFORM THE CONSULTANT IMMEDIATELY SO THAT REMEDIAL ACTION CAN BE TAKEN.
 - 18.6. IF REMOVAL OF EARTH CAUSES DISPLACEMENT OF ADJACENT EARTH, THE EARTH SHALL BE REPLACED AND COMPACTED TO ORIGINAL GRADE.
 - 18.7. PROCEED PROMPTLY WITH BACKFILLING AS THE BUILDING PROGRESSES, AND AS WORK TO BE BACKFILLED HAS BEEN INSPECTED AND APPROVED BY THE CONSULTANT. THE BACKFILL IN AREAS WHERE SETTLEMENT CANNOT BE TOLERATED, E.G. SERVICE AND FOOTING TRENCHES UNDER THE FLOOR SLAB, SHOULD BE COMPACTED TO AT LEAST 100 PERCENT OF ITS STANDARD PROCTOR MAXIMUM DRY DENSITY. THE BACKFILL SHOULD BE COMPACTED TO THE STANDARD PROCTOR MAXIMUM DRY DENSITY.
 - 18.8. DO NOT COMMENCE BACKFILLING OPERATIONS UNTIL THE SPECIFIED DENSITY HAS BEEN INSPECTED AND APPROVED BY CONSULTANT AND AUTHORITIES HAVING JURISDICTION.
 - 18.9. WITHDRAW SHORING MATERIAL DURING BACKFILL. LUMBER LEFT IN PLACE WITHOUT THE CONSULTANT'S APPROVAL WILL NOT BE USED FOR BY THE OWNER.
 - 18.10. BACKFILL SHALL BE COMPACTED TO THE REQUIREMENTS OF THE CANADIAN ELECTRICAL SAFETY CODE AND THE CANADIAN ELECTRICAL CODE, PART I, CSA STANDARD C22.1.
 - 18.11. BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF CPSS FORM 1010 FOR GRANULAR 'A' AND GRANULAR 'B' TYPE 1 AND SHALL BE COMPACTED TO 100% MAXIMUM DRY DENSITY. GRANULAR 'B' TYPE 1 BACKFILL SHALL BE USED TO A DEPTH OF 300mm, THEN GRANULAR 'A' FOR 150mm. EARTH BACKFILL SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY.
19. RESTORATION
 - 19.1. REGRASSED AREAS SHALL BE REINSTATED WITH A MINIMUM OF 100mm OF GOOD QUALITY IMPORTED TOP SOIL AND SODED.
 - 19.1.2. PLACE SOIL CLOSELY KNIT TOGETHER, SO THAT NO OPEN JOINTS ARE VISIBLE AND PIECES ARE NOT OVERLAPPING.
 - 19.1.3. INSTALL SOIL TO BLEND TIGHTLY AND UNIFORMLY WITH ADJOINING GRASS AREAS. UNLESS OTHERWISE DETAILLED, TO BE FLUSH WITH FINISH TOPS OF CURBS.
 - 19.1.4. ON SLOPES OF 3:1 AND STEEPER, PLACE SOIL PERPENDICULARLY TO THE SLOPE AND STAKE EVERY ROW WITH WOODEN PEGS AT MAXIMUM 600mm INTERVALS. DRIVE PEGS FLUSH WITH SOIL.
 - 19.1.5. IMMEDIATELY AFTER INSTALLATION, WATER WITH SUFFICIENT AMOUNT TO MOISTEN THE SOIL TO A DEPTH OF 100mm.
 - 19.1.6. AS SOON AS SOIL HAS DRIED SUFFICIENTLY TO PREVENT DAMAGE, ROLL WITH ROLLER TO ENSURE A GOOD BOND BETWEEN SOIL AND TOPSOIL AND TO REMOVE MINOR DEPRESSIONS AND IRREGULARITIES.
 - 19.1.7. CLEAN UP AREAS AND REMOVE ALL DEBRIS.
- 19.2. CURBING RESTORATION
 - 19.2.1. CURBING RESTORATION CURB SHALL BE CONSTRUCTED IN ACCORDANCE WITH CPSS FORM 1010.
 - 19.2.2. CURB SHALL BE CONSTRUCTED TO MATCH EXISTING BARRIER CURB REMOVED DURING CONSTRUCTION.
- 19.3. ASPHALT RESTORATION
 - 19.3.1. DOWNSIDE LEVELS OF ASPHALT SHALL BE 40mm OF H13 AND 60mm OF H-3.
 - 19.3.2. MINIMUM LEVELS OF ASPHALT SHALL BE 40mm OF H13 AND 60mm OF H-3.
 - 19.3.3. CONTRACTOR TO COMPLETE CONCRETE ENCASED DUCT BANK, BACKFILL WITH NATIVE BACKFILL UP TO GRANULAR DEPTHS. TOP COURSE SHALL BE MINIMUM 40mm OF H13 WITH MINIMUM 40mm OF H12. UNDER THAT COURSE SHALL BE 100mm OF H13 WITH MINIMUM 40mm OF H12. GRANULAR MATERIAL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- 19.4. TREE PROTECTION
 - 19.4.1. CONTRACTOR TO ENSURE ALL TREES, SHRUBS, ETC. ARE PROTECTED DURING INSTALLATIONS.
 - 19.4.2. CONTRACTOR SHALL CONSULT OWNER FOR PERMISSION OR DIRECTION IN THE EVENT THAT ANY TREES NEED TO BE REMOVED OR TRIMMED.
20. TEMPORARY SERVICES
 - 20.1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY POWER FOR ANY OF HIS WORK OR FOR ANY WORK BY SUBCONTRACTORS.
 - 20.2. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE COMPLETE BACK UP POWER TO ALL BUILDINGS (WHICH MAY REQUIRE A GENERATOR) DURING NORMAL WORKING HOURS.
 - 20.3. SHUT DOWNS AND CHANGE OVERS SHOULD HAPPEN ON WEEKENDS TO MINIMIZE DOWNTIME.
 - 20.4. ANY MINOR SHUT DOWNS OF POWER TO THE FACILITY SHALL BE COORDINATED AND SCHEDULED WITH THE OWNER.
21. ACCESS TO SITE
 - 21.1. CONTRACTOR SHALL HAVE ACCESS TO SITE AT ALL TIMES BUT MUST PROVIDE ACCESS FOR ALL EMPLOYEES DURING WORKING HOURS.
 - 21.2. WORK SHALL BE SCHEDULED BY THE CONTRACTOR.
 - 21.3. WORKING HOURS SHALL BE IN ACCORDANCE WITH LOCAL BY-LAWS AND ORDINANCES WHERE APPLICABLE AND AS DIRECTED BY DEPARTMENT OF CONSTRUCTION.
 - 21.4. THE OWNER MAY REQUIRE THAT WORK HOURS BE RESTRICTED BY OCCUPANCY DISRUPTIONS TO THE CONSTRUCTION SCHEDULE WITH THE CONTRACTOR TO MINIMIZE ANY PUBLIC, TO EXISTING FACILITIES AT ALL TIMES.
 - 21.5. PROVIDE ALL NECESSARY PROTECTION INCLUDING ACCESS ROUTES FOR THE PUBLIC, TO EXISTING FACILITIES AT ALL TIMES.
 - 21.6. A WRITTEN PROCEDURE IDENTIFYING ALL THE WORK AND DETAILED TRAFFIC MUST BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL BY THE CONSULTANT AND OWNER WITH REPROPOSED WORK PLAN SUBMISSION.
 - 21.7. MAINTAIN ACCESS TO DRIVEWAYS AND PARKING AREAS AT ALL TIMES DURING CONSTRUCTION.
 - 21.8. PROVIDE ACCESS FOR OTHER CONTRACTORS OR SUPPLIERS WHEN REQUIRED BY THE OWNER.
 - 21.9. PROVIDE ACCESS TO SITE AS REQUIRED FOR EMERGENCY SERVICES PERSONNEL.
 - 21.10. THE EXISTING OFFICES AND SHOP WILL REMAIN IN OPERATION AND SHALL BE ACCESSIBLE TO STAFF AND THE PUBLIC THROUGHOUT THE CONSTRUCTION PERIOD. THE OWNER WILL COOPERATE WITH THE CONTRACTOR TO PROVIDE ACCESS TO OCCUPIED AREAS AND TO RESCHEDULE SERVICE DELIVERY AND ACTIVITIES WHENEVER POSSIBLE IN ORDER TO EXPEDITE THE WORK.
 - 21.11. PROVIDE ALL NECESSARY PROTECTION INCLUDING ACCESS ROUTES FOR THE PUBLIC, TO EXISTING FACILITIES AT ALL TIMES.
 - 21.12. CONTRACTOR WILL BE THE 'CONTRACTOR' AS DEFINED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT ON THIS PROJECT AND WILL BE SOLELY RESPONSIBLE FOR ALL PERSONS ON THE SITE INCLUDING OWNER AND CONTRACTORS OR SUPPLIERS RETAINED BY THE OWNER.
 - 21.13. CONTRACTOR WILL HAVE UNRESTRICTED USE OF THE SITE UNTIL SUBSTANTIAL COMPLETION OF THE WORK.
 - 21.14. CONTRACTOR MUST SUBMIT SITE SPECIFIC HEALTH AND SAFETY PLAN TO DEPARTMENT REPRESENTATIVE WITHIN 5 DAYS OF NOTICE TO PROCEED.
 - 21.15. CONTRACTOR MUST PROVIDE ENVIRONMENTAL PROTECTION PLAN PRIOR TO COMMENCING CONSTRUCTION.



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<p>REGISTERED PROFESSIONAL ENGINEER P.E.P. BERTHELOT April 28/1977 PROVINCE OF ONTARIO ELECTRICAL BCIN 23396</p>																					
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<p>SPECIFICATION & SINGLE LINE DIAGRAM</p> <table border="1"> <thead> <tr> <th>DESIGN</th> <th>DATE</th> <th>SCALE</th> <th>AS NOTED</th> </tr> </thead> <tbody> <tr> <td>DRWN</td> <td>TWS</td> <td></td> <td></td> </tr> <tr> <td>CHECKED</td> <td>PJB</td> <td></td> <td></td> </tr> <tr> <td>APPROVED</td> <td>PJB</td> <td></td> <td></td> </tr> <tr> <td>PROJECT</td> <td>5383</td> <td></td> <td></td> </tr> </tbody> </table>		DESIGN	DATE	SCALE	AS NOTED	DRWN	TWS			CHECKED	PJB			APPROVED	PJB			PROJECT	5383		
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NOTE: POWER TO ALL BUILDINGS MUST BE MAINTAINED AT ALL TIMES DURING PARK CANADA NORMAL OPERATING HOURS. WEEKEND COMMISSIONING OF NEW TRANSFORMERS TO BE ARRANGED WITH PARKS CANADA DEPARTMENT REPRESENTATIVE PRIOR TO COMMENCEMENT.

NOTE: ALL WORK ON PUBLIC PROPERTY BY PDI

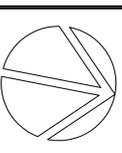


EXISTING ELECTRICAL SERVICES DEMOLITION PLAN
SCALE: 1/32" = 1'-0"

NO	DESCRIPTION	DATE	BY
1	ISSUED FOR TENDER	14/08/29	PGB
0	ISSUED FOR ESA REVIEW	14/08/26	PGB

REVISIONS

Kirkland Engineering Ltd BCIN: 28857



PROFESSIONAL ENGINEER
P.D.P. BERTHELOT
Reg. No. 44923/117
PROVINCE OF ONTARIO
ELECTRICAL BCIN 23396

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KIRKLAND ENGINEERING LTD.
570 Water Street
Peterborough, Ontario
P. 7051 742-2631
F. 7051 741-1526
www.kirklandeng.com

PRODUCT
TRENT SEVERN WATERWAY ELECTRICAL UPGRADES
2155 Ashburnham Drive
Peterborough, Ontario

TITLE
ELECTRICAL DEMOLITION

DESIGN	PGB	SCALE	AS NOTED
DRAWN	TMS	DWG NO.	
CHECKED	PGB		
APPROVED	PGB		
PROJECT	5383		

E3

CAD FILE NO. 5383E3