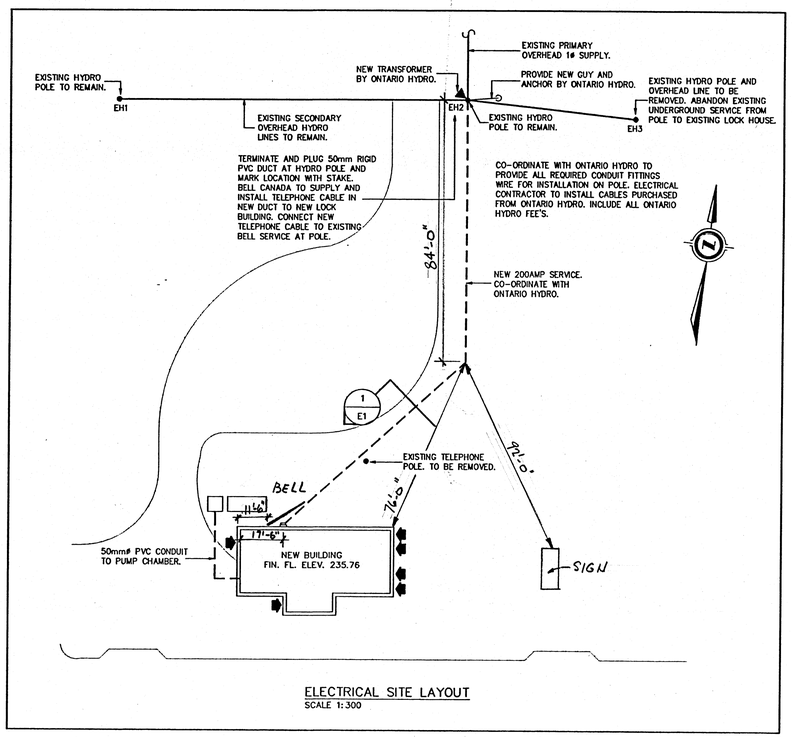
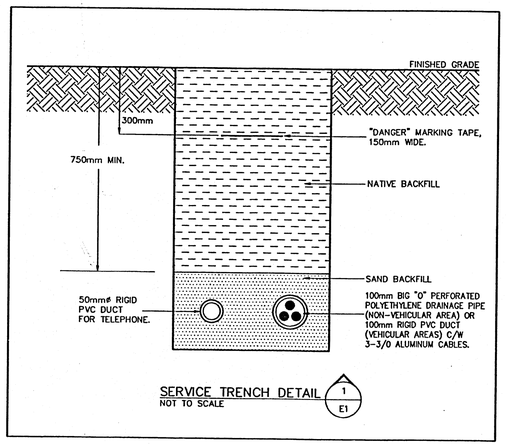
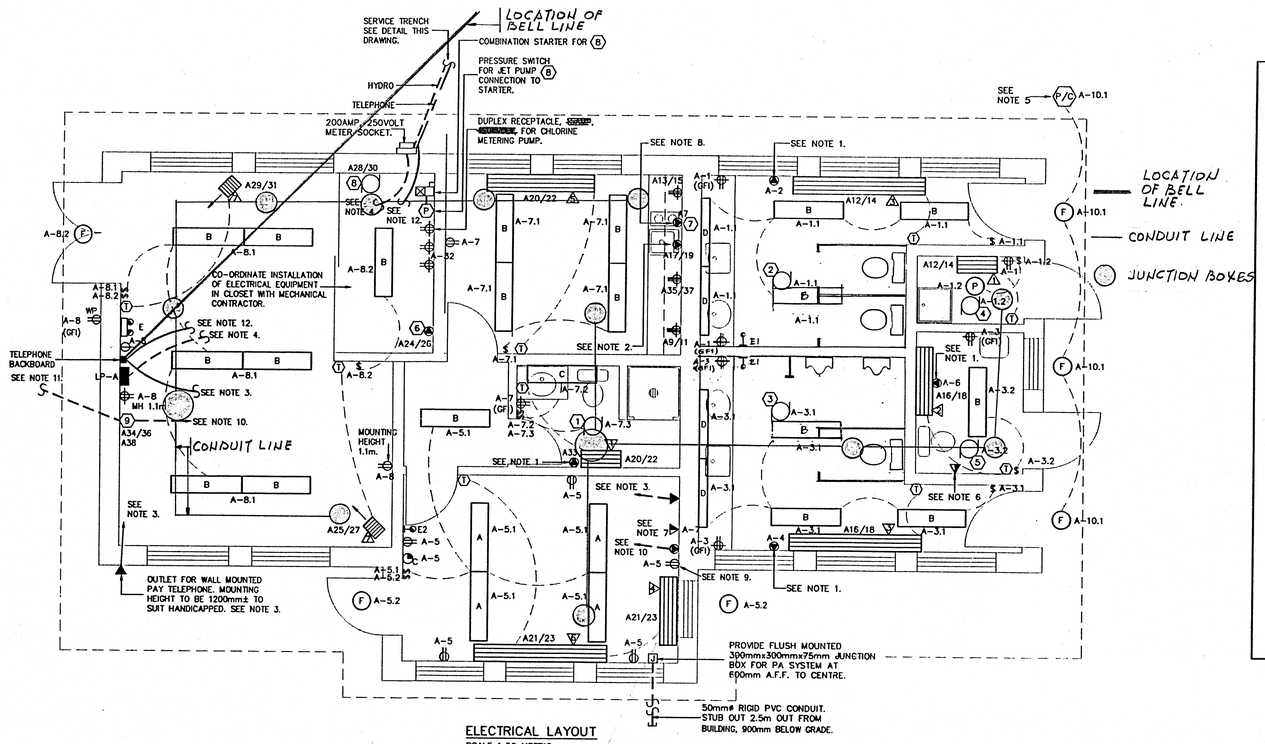


ELECTRICAL SITE LAYOUT
SCALE 1:300



SERVICE TRENCH DETAIL (1 / E1)
NOT TO SCALE



ELECTRICAL LAYOUT
SCALE 1:50 METRIC

NOTES:

1. FLUSH MOUNT 100mm SQUARE OUTLET BOX IN WALL, 1200mm A.F.F. FOR HAND DRYER. HAND DRYER SUPPLIED BY GENERAL CONTRACTOR.
2. PROVIDE FLUSH MOUNTED 30AMP, 240VOLT, 1PHASE, 4WIRE 3 POLE GROUNDED RECEPTACLE IN WALL, 400mm A.F.F. FOR COMBINATION RANGE/REFRIGERATOR/KITCHEN UNIT. UNIT SUPPLIED BY GENERAL CONTRACTOR.
3. INSTALL A 19mm PVC CONDUIT FROM THE TELEPHONE OUTLET TO THE TELEPHONE SERVICE ENTRANCE LOCATION IN THE STORAGE ROOM. INSTALL THE PVC CONDUIT BELOW THE FLOOR SLAB.
4. INSTALL 3-3/0 COPPER, XLPE, RWU90 CABLES IN 50mmø RIGID PVC CONDUIT BELOW FLOOR SLAB FROM METER SOCKET TO LP-A.
5. PROVIDE PHOTOCONTROL MOUNTED ON UNDERSIDE OF EAVE, FACING NORTH SKY, TO CONTROL SOFFIT LIGHTS IN FRONT OF PUBLIC WASHROOMS.
6. PROVIDE EMERGENCY PULL CORD SWITCH FLUSH MOUNTED 900mm A.F.F. WIRED TO BUZZER IN MAIN OFFICE. LABEL "PULL TO CALL FOR ASSISTANCE". SWITCH SHOULD BE LATCHING STYLE, PULL TO UNLATCH. 24 VAC OPERATION. (LABEL TO BE BILINGUAL) SEE DETAIL AT RIGHT.
7. PROVIDE 24VAC DIXIE BUZZER AND 120VAC - 24VAC TRANSFORMER FOR "ASSISTANCE REQUIRED" IN BARRIER-FREE ACCESS PUBLIC WASHROOM.
8. PROVIDE DIRECT CONNECTION TO RANGE HOOD / FAN UNIT (7) MOUNTED 1800mm A.F.F. UNIT SUPPLIED BY MECHANICAL CONTRACTOR.
9. LOCATE EFFLUENT PUMP ALARM IN MAIN OFFICE. CONNECT EFFLUENT PUMP ALARM TO CONTROL PANEL. ALARM SUPPLIED BY GENERAL CONTRACTOR.
10. PROVIDE 19mmø PVC CONDUIT BELOW FLOOR SLAB FROM EFFLUENT PUMP CONTROL PANEL IN STORAGE ROOM TO ALARM OUTLET IN OFFICE.
11. INSTALL 2-25mmø PVC CONDUITS FROM THE EFFLUENT CONTROL PANEL AND TERMINATE EACH CONDUIT IN SEPERATE SUITABLY SIZED WEATHER PROOF UNDERGROUND JUNCTION BOXES LOCATED NEAR THE PUMPING CHAMBER. ONE JUNCTION BOX SHALL BE USED FOR THE SPLICING OF CONTROL CIRCUITS AND THE OTHER JUNCTION BOX SHALL BE USED FOR THE SPLICING OF POWER SUPPLY CIRCUITS. INSTALL A 50mmø PVC CONDUIT FROM EACH JUCTION BOX TO THE PUMPING CHAMBER. INSTALL POWER SUPPLY AND CONTROL WIRING IN THE CONDUITS.
12. EXTEND THE 50mmø RIGID PVC DUCT BELOW THE FLOOR SLAB FROM THE MAIN SERVICE TRENCH TO THE TELEPHONE BACKBOARD IN THE STORAGE ROOM. PROVIDE 2'x2' PAINTED PLYWOOD BACKBOARD FOR TELEPHONE AUTHORITY USE.

125 mm

75mm

"PULL TO CALL FOR ASSISTANCE"

"TIRER POUR RECEVOIR DE L'AIDE"

A

PLASTIC LAMICOID LABEL PLATE BLACK LETTERS 10mm HIGH ON WHITE FACE.

LABEL DETAIL FOR H/C WR
NTS

PARAGON ENGINEERING LIMITED
CONSULTING ENGINEERS
SUITE 300 871 VICTORIA ST. N. KITCHENER ONTARIO N2B 3S4

no.	date	description	drawn by / tracé par	appr'd by / appr. par

revision / révision

A Detail no. / A No. du détail
B Drawing no.-where detail required / B Dessin no.-où détail exigé
C Drawing no.-where detailed / C Dessin no.-ou détaillé

Public Works Canada / Travaux Publics Canada
Architecture and Engineering / Architecture et Génie
for Environment Canada / pour Environnement Canada

AS-BUILT

project title/titre du projet

LOCK CONTROL BUILDING
LOCK NO. 38 TALBOT
TRENT SEVERN WATERWAY - ONTARIO

drawing title/titre du dessin

ELECTRICAL LAYOUT

designed by/conception par: DA	approved by/approuvé par: 25079
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checked by/vérifié par: LG KC	scale/échelle: AS NOTED
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TSW 6029-G 7/8