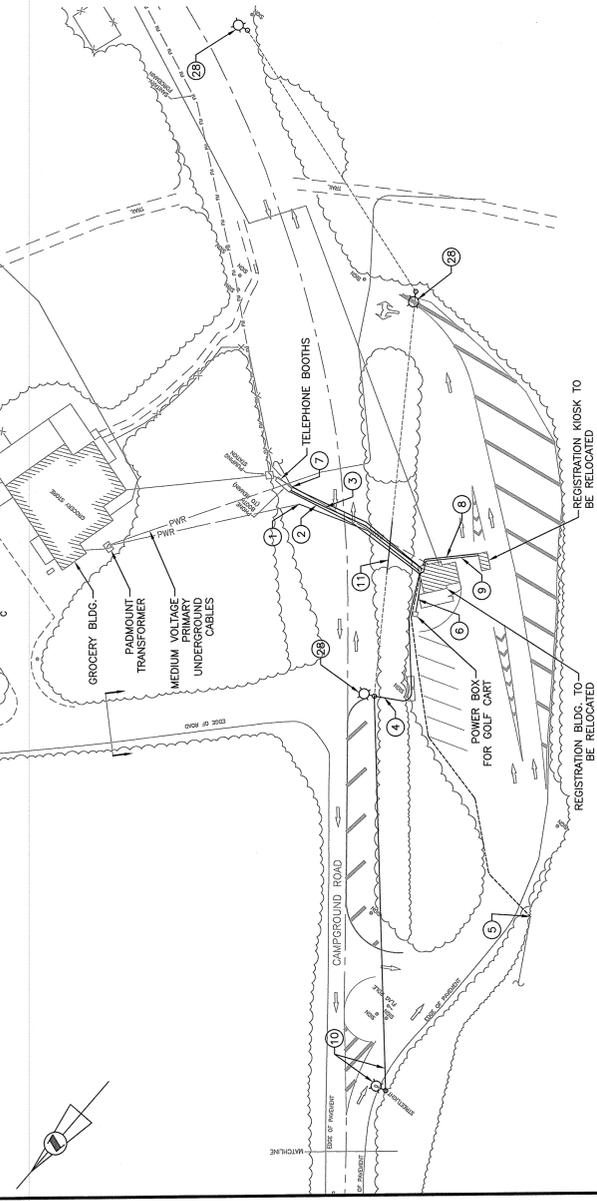
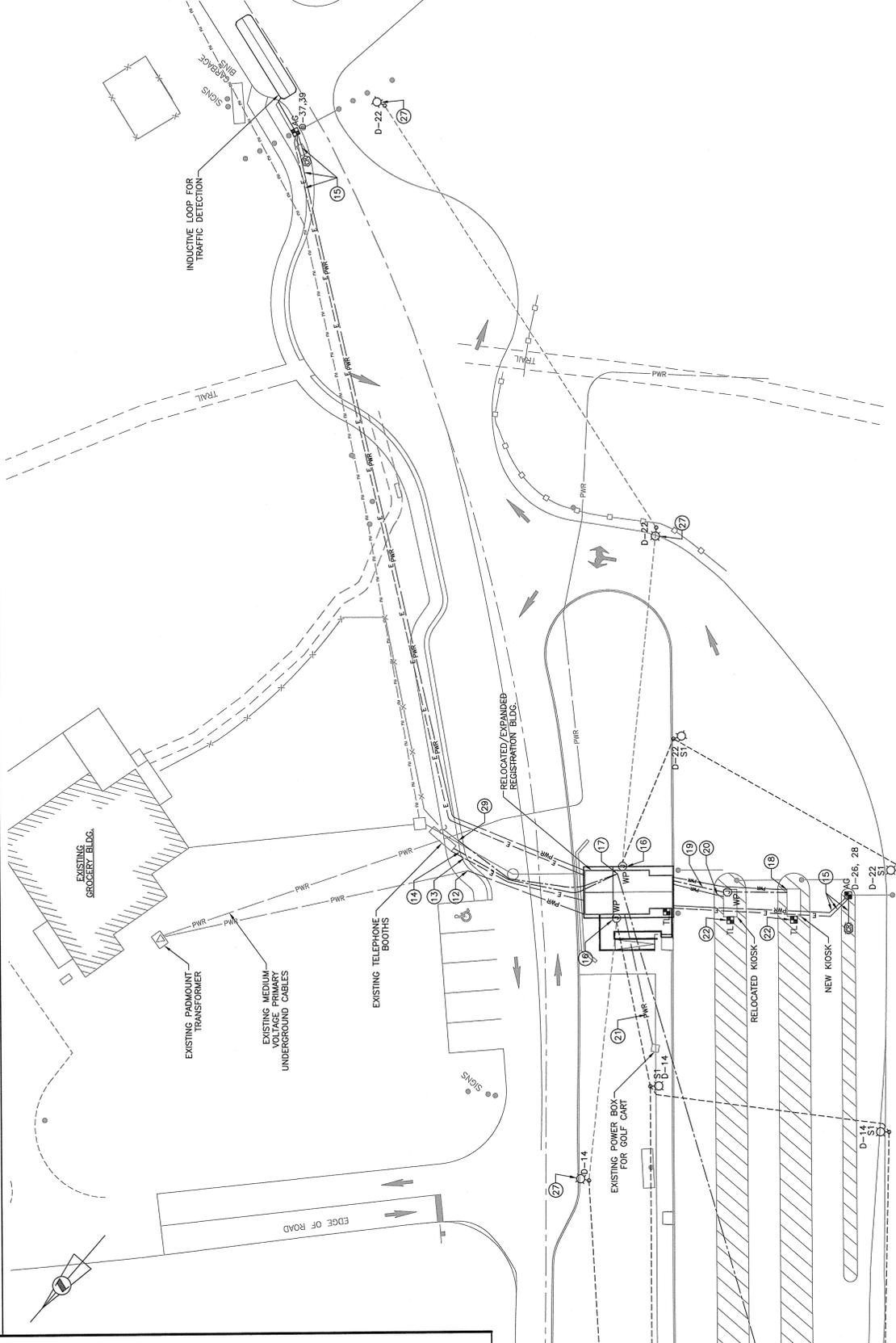


- NOTES:**
- DIRECT BURIED 4C #2 TECK FEEDER FROM THE PADMOUNT TRANSFORMER TO PANEL 'D' IN THE REGISTRATION BUILDING. DISCONNECT THE FEEDER FROM PANEL 'D' AND PULL THE CABLE BACK TO THE LOCATION INDICATED TO BE RE-ROUTED. NOTE THAT THE FEEDER ORIGINATES AT THE UTILITY PADMOUNT TRANSFORMER AND PASSES THROUGH THE UTILITY METER ON THE REGISTRATION BUILDING EXTERIOR SO DISCONNECTION MUST BE COORDINATED WITH THE UTILITY. REFER TO THE NEW SITE PLAN FOR RE-ROUTING DETAILS.
  - DISCONNECT AND REMOVE THE DIRECT BURIED 2C #12 TECK CABLE FROM PANEL 'D' IN THE REGISTRATION BUILDING TO THE TELEPHONE BOOTHS.
  - DISCONNECT AND REMOVE THE COPPER TELECOMMUNICATION CABLE AND CONDUIT FROM THE BIX MOUNTS IN THE REGISTRATION BUILDING TO THE TELEPHONE BOOTHS.
  - DISCONNECT AND REMOVE THE DIRECT BURIED 2C #12 TECK CABLE FROM THE STREETLIGHT TO PANEL 'D' IN THE REGISTRATION BUILDING.
  - DISCONNECT AND REMOVE THE DIRECT BURIED 2C #12 TECK CABLE FROM THE GOLF CART POWER BOX TO THE REGISTRATION BUILDING.
  - DISCONNECT AND REMOVE THE DIRECT BURIED 2C #12 TECK CABLE FROM THE GOLF CART POWER BOX TO THE REGISTRATION BUILDING.
  - EXISTING UNDERGROUND COPPER TELECOMMUNICATION CABLE AND CONDUIT FROM THE BIX MOUNTS IN THE REGISTRATION BUILDING TO THE TELEPHONE BOOTHS.
  - DISCONNECT AND REMOVE THE UNDERGROUND COPPER TELECOMMUNICATION CABLE AND CONDUIT FROM THE BIX MOUNTS IN THE REGISTRATION BUILDING TO THE TELEPHONE BOOTHS.
  - DISCONNECT AND REMOVE THE REGISTRATION KIOSK SERVICE PANEL FEEDER AND CONDUIT FROM PANEL 'D' IN THE REGISTRATION BUILDING.
  - REMOVE THE EXISTING POLE MOUNTED LIGHTING FIXTURE AND DIRECT BURIED TECK CABLE BACK TO PREVIOUS LIGHTING FIXTURE.
  - REMOVE THE SECTION OF STREET LIGHT POWER WIRING AND ASSOCIATED CONDUIT THAT LIES BELOW THE NEW LOCATION FOR THE REGISTRATION BUILDING. LEAVE SUFFICIENT SLACK IN THE CABLES TO RE-ROUTE THE WIRING WITHIN THE RELOCATED REGISTRATION BUILDING AS REQUIRED TO CONNECT TO THE NEW PANEL 'D'.
  - RE-ROUTE THE EXISTING 4C #2 TECK FEEDER DIRECT BURIED TO THE NEW REGISTRATION BUILDING LOCATION. RUN THE FEEDER UP THE REGISTRATION BUILDING WALL AND TERMINATE AT THE NEW UTILITY METER SOCKET.
  - PROVIDE UNDERGROUND POWER WIRING IN CONDUIT FROM NEW PANEL 'D' IN THE RELOCATED REGISTRATION BUILDING TO THE EXISTING TELEPHONE BOOTHS.
  - PROVIDE 2-CAT 6 CABLES IN UNDERGROUND 27mm RIGID PVC CONDUIT FROM THE BIX MOUNTS IN THE RELOCATED REGISTRATION BUILDING TO THE TELEPHONE BOOTHS.
  - PROVIDE POWER AND CONTROL WIRING IN UNDERGROUND CONDUIT FROM NEW PANEL 'D' AND ACCESS CONTROL EQUIPMENT IN RELOCATED REGISTRATION BUILDING TO THE AUTOMATIC GATE AND CARD READER. REFER TO THE ACCESS CONTROL WIRING DIAGRAM ON DRAWING E02.
  - PROVIDE A WEATHERPROOF JUNCTION BOX ON THE RELOCATED REGISTRATION BUILDING EXTERIOR. RE-ROUTE THE UNDERGROUND TELECOMMUNICATION SERVICE CABLES FROM THE RELOCATED REGISTRATION BUILDING TO THE WEATHERPROOF JUNCTION BOX. PROVIDE POWER WIRING IN UNDERGROUND CONDUIT TO THE NEW STREET LIGHTING FIXTURES AS INDICATED.
  - NEW UNDERGROUND CONDUITS FOR TELECOMMUNICATION SERVICE CABLES SHALL PENETRATE THE REGISTRATION BUILDING AT THE SAME LOCATION AS THAT PRIOR TO BUILDING RELOCATION.
  - PROVIDE LOAD CENTRE IN NEW REGISTRATION KIOSK AND INSTALL AND CONNECT FEEDER FROM NEW PANEL 'D' IN REGISTRATION BUILDING.
  - PROVIDE 4-CAT 6 CABLES IN UNDERGROUND 27mm RIGID PVC CONDUIT FROM THE RELOCATED REGISTRATION BUILDING TO THE KIOSKS. PROVIDE 1-CAT 6 CABLE FROM THE EXISTING BIX MOUNTS AND 1-CAT 6 CABLE FROM THE RELOCATED REGISTRATION BUILDING TO EACH KIOSK. ALL 4-CAT 6 CABLES MAY BE INSTALLED IN THE SAME CONDUIT TO THE FIRST KIOSK AS INDICATED.
  - PROVIDE POWER WIRING IN UNDERGROUND CONDUIT FROM NEW PANEL 'D' IN THE RELOCATED REGISTRATION BUILDING TO THE EXISTING LOAD CENTRE IN THE RELOCATED KIOSK.
  - PROVIDE POWER WIRING IN UNDERGROUND CONDUIT FROM NEW PANEL 'D' IN THE RELOCATED REGISTRATION BUILDING TO THE EXISTING GOLF CART POWER BOX. REFER TO THE NEW POWER DISTRIBUTION SINGLE LINE DIAGRAM ON DRAWING E02 FOR CONDUIT AND WIRE SIZING.
  - REFER TO THE NEW POWER DISTRIBUTION SINGLE LINE DIAGRAM ON DRAWING E02 FOR TRAFFIC LIGHT WIRING CONDUIT AND WIRE SIZING FOR POWER CIRCUITS.
  - INSTALL NEW POWER WIRING IN UNDERGROUND 27mm RIGID PVC CONDUIT FROM THE REPLACED STREET LIGHTING FIXTURE TO THE NEW STREET LIGHTING FIXTURE AS INDICATED.
  - REFER TO THE EXISTING DEMO POWER, SYSTEMS AND LIGHTING PLAN AND THE NEW POWER AND SYSTEMS PLAN ON DRAWING E02 FOR EXISTING AND NEW EQUIPMENT LOCATIONS IN THE REGISTRATION BUILDING.
  - REFER TO THE NEW POWER DISTRIBUTION SINGLE LINE DIAGRAM ON DRAWING E02 FOR CIRCUIT BREAKER, CONDUIT AND WIRE SIZING FOR POWER CIRCUITS.
  - REFER TO ELEVATION 'A' ON DRAWING E03 FOR THE TRENCH DETAIL FOR UNDERGROUND CONDUIT INSTALLATIONS.
  - INSTALL A NEW LUMINAIRE ON THE EXISTING POLE. CONNECT THE NEW LUMINAIRE TO THE EXISTING WIRING.
  - REMOVE THE EXISTING LUMINAIRE. LEAVE THE EXISTING POLE AND WIRING IN PLACE TO BE RECONNECTED TO A NEW LUMINAIRE.
  - PROVIDE AN UNDERGROUND RIGID PVC CONDUIT, SIZE TO MATCH EXISTING, FROM THE LOCATION INDICATED TO THE REGISTRATION BUILDING. RE-ROUTE THE EXISTING COPPER TELECOMMUNICATION SERVICE CABLE THROUGH THE NEW CONDUIT TO THE BIX MOUNTS IN THE REGISTRATION BUILDING AND TERMINATE THE CABLE AT THE BIX MOUNTS.
  - PROVIDE A FIBRE OPTIC SPLICE ON THE EXISTING CABLE. SPLICE TO SUIT THE CABLE AT THE LOCATION INDICATED. PROVIDE A NEW FIBRE OPTIC CABLE FROM THE EXISTING CABLE TO THE NEW 200mm RIGID PVC CONDUIT. PROVIDE A NEW FIBRE OPTIC CABLE MATCHING THE EXISTING CABLE UNDERGROUND IN 53mm RIGID PVC CONDUIT FROM THE SPLICE TO THE FIBRE OPTIC EQUIPMENT CABINET IN THE RELOCATED REGISTRATION BUILDING. TERMINATE THE CABLE AT THE EQUIPMENT CABINET TO MATCH CONDITIONS PRIOR TO BUILDING RELOCATION.

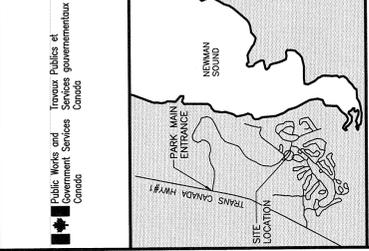
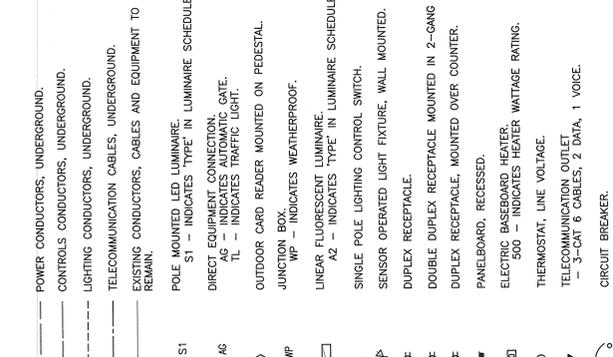


EXISTING/DEMOLITION ELECTRICAL SITE PLAN (1)



NEW ELECTRICAL SITE PLAN (2)

- LEGEND:**
- POWER CONDUCTORS, UNDERGROUND.
  - CONTROLS CONDUCTORS, UNDERGROUND.
  - LIGHTING CONDUCTORS, UNDERGROUND.
  - TELECOMMUNICATION CABLES, UNDERGROUND.
  - EXISTING CONDUCTORS, CABLES AND EQUIPMENT TO REMAIN.
  - POLE MOUNTED LED LUMINAIRE.
  - S1 - INDICATES TYPE IN LUMINAIRE SCHEDULE.
  - AG - DIRECT EQUIPMENT CONNECTION.
  - AL - INDICATES AUTOMATIC GATE.
  - TL - INDICATES TRAFFIC LIGHT.
  - OUTDOOR CARD READER MOUNTED ON PEDESTAL JUNCTION BOX.
  - WP - INDICATES WEATHERPROOF.
  - A2 - LINEAR FLUORESCENT LUMINAIRE.
  - AZ - INDICATES TYPE IN LUMINAIRE SCHEDULE.
  - SINGLE POLE LIGHTING CONTROL SWITCH.
  - SENSOR OPERATED LIGHT FIXTURE, WALL MOUNTED.
  - DUPLEX RECEPTACLE.
  - DOUBLE DUPLEX RECEPTACLE MOUNTED IN 2-GANG BOX.
  - DUPLEX RECEPTACLE, MOUNTED OVER COUNTER.
  - ELECTRIC BASEBOARD HEATER.
  - 500 - INDICATES HEATER WATTAGE RATING.
  - PANELBOARD, RECESSED.
  - 5 - THERMOSTAT, LINE VOLTAGE.
  - TELECOMMUNICATION OUTLET.
  - 3-CAT 6 CABLES, 2 DATA, 1 VOICE.
  - CIRCUIT BREAKER.



Public Works and Government Services Canada  
Travaux Publics et Services gouvernementaux Canada



CO1	ISSUED FOR TENDER	MAR 31 2015
revisions	date	project
<b>NEWMAN SOUND REGISTRATION AREA REDESIGN TERRA NOVA NATIONAL PARK, NL</b>		
<b>LEGEND EXIST/DEM. &amp; NEW ELECTRICAL SITE PLANS</b>		
designed by	H. BAITIKH / J. McLEOD	company
drawn by	STAFF	date
approved by	MARCH 10, 2014	checked
date	MARCH 10, 2014	approved
title		
author		
checked by		
approved by		
project number	R.065741.001	no. of sheets
drawing no.	E01	no. of sheets