



ELECTRICAL NOTES

- 1 PRIOR TO ANY FIELD WORK, ESTABLISH EXACT LOCATION, ELEVATION (AT TOP OF CONDUIT COUPLING), HEIGHT (FROM TOP OF CONDUIT COUPLING TO TOP OF LIGHT UNIT) OF EACH EXISTING EDGE LIGHT ON RUNWAY 10-28 AND TOP OF EACH PULLPIT. OBTAIN ALSO THE EXISTING CURRENT GRADE ELEVATIONS AT EACH LIGHT AND PULL PIT LOCATION. RECORD ALL INFORMATION IN MANUAL DRAWINGS, PRODUCE AS-IS AUTOCAD DRAWINGS AND SUBMIT TO PROJECT DEPARTMENTAL REPRESENTATIVE FOR REVIEW AND DIRECTION.
- 2 PRIOR TO ANY FIELD WORK, INSPECT AND VERIFY THAT EACH EXISTING EDGE, THRESHOLD END LIGHTS, PULL PITS, RELATED EQUIPMENT AND RELATED CABLING ON RUNWAYS 10-28 ARE FUNCTIONING AND/OR NOT DAMAGED. RECORD ALL INFORMATION IN MANUAL DRAWINGS, PRODUCE AS-IS AUTOCAD DRAWINGS AND SUBMIT TO PROJECT DEPARTMENTAL REPRESENTATIVE FOR REVIEW AND DIRECTION.
- 3 REMOVE EXISTING EDGE LIGHT, STAKE, ISOLATING TRANSFORMER, GROUNDING, PRIMARY (CIRCUIT 1) AND SECONDARY CABLES, PULL PIT, CONDUIT, POLY PIPES, ETC. TO ACCOMMODATE NEW CONSTRUCTION AND PROVIDE NEW AS PER NEW LAYOUT.
- 4 REMOVE EXISTING PRIMARY CABLES (CIRCUIT 1) AND REMOVE AND/OR ABANDON EXISTING U/G 50# POLY PIPE.
- 5 REMOVE EXISTING RUNWAY EDGE THRESHOLD END LIGHTS, STAKES, ISOLATING TRANSFORMERS (30/ASW) GROUNDING, PRIMARY (CIRCUIT 1) AND SECONDARY CABLES, PULL PITS, CONDUITS, POLY PIPES, ETC. AND PROVIDE NEW AS PER NEW LAYOUT. REFER TO DRAWINGS E02 AND E03. PROTECT EXISTING CABLES IN CONDUITS DURING CONSTRUCTION TO SUIT PHASING STAGES.
- 6 REMOVE EXISTING PRIMARY CABLE (CIRCUIT 1), ABANDON EXISTING U/G 50# POLY PIPE AND PROVIDE NEW AS PER NEW LAYOUT. REFER TO DRAWING E02 AND E03.
- 7 PROVIDE TEMPORARY CABLES TO SUIT PHASING WORK AND TO MAINTAIN ACTIVE PORTION OF RUNWAY ENERGIZED.
- 8 REPLACE EXISTING ILLUMINATED WIND SOCK PRIMARY CABLES AND POLY PIPE TO SUIT NEW GRADE. SEE DRAWING E02.
- 9 REMOVE EXISTING PULL PIT, PRIMARY CABLES, AND PROVIDE NEW PULL PIT, POLY TUBE, AND CABLES TO SUIT NEW GRADE. SEE DRAWING E02.
- 10 REMOVE EXISTING PRIMARY CABLES, POLY PIPE (100mm) AND PROVIDE NEW (100mm) TO SUIT NEW GRADE LAYOUT. SEE DRAWING E02. CAUTION HAND EXCAVATE AS NECESSARY AND ENSURE EXISTING U/S SERVICES ARE NOT DISRUPTED.
- 11 SITE VERIFY EXISTING 'TL' ELECTRICAL AND COMMUNICATIONS CABLES, SUBMIT CAD DRAWING TO PROJECT DEPARTMENTAL REPRESENTATIVE FOR REVIEW AND DIRECTION.
- 12 SITE VERIFY LOCATION, QUANTITIES, AND ROUTE OF EXISTING PULLPIT, PRIMARY RUNWAY CABLES, AND OTHER CABLES. CREATE AND SUBMIT AS-IS DRAWING, PROVIDE NEW PULL PITS, POLY TUBES, AND CABLES TO SUIT NEW GRADE. SEE DRAWING E02. PROVIDE TEMPORARY CABLES, PROTECT DURING CONSTRUCTION TO SUIT PHASING OF WORK AND TO ACCEPTABLE POWER DISRUPTIONS.

REAL PROPERTY SERVICES
Western Region

LEGEND:

- EXISTING LIGHT AND PULL PIT TO BE REMOVED
- NEW RUNWAY EXIT LIGHTS (M.I.) AND NEW PULL PIT (TWO LIGHTS TO ONE PULL PIT) 'YS' DENOTES YELLOW LENSES
- EXISTING U/G CABLE
- NEW U/G CABLE 2-#8 ASLC AND 1-#8 SDBC IN POLY PIPE (50mm MINIMUM) UNLESS SHOWN OTHERWISE.
- TEMPORARY PRIMARY HIGH POWER CABLE
- PRIMARY CABLE IN POLYPIPE

DO NOT SCALE DRAWINGS

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4		
3	ISSUED FOR TENDER	2014-09-12
2	90% SUBMISSION	2013/01/15
1	66% SUBMISSION	2012/10/31
0	Design Completion	
revisions	description	date

Client

project title
EUREKA, NUNAVUT
RUNWAY 10-28, APRONS AND ROAD REHABILITATION

approved by
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Client

drawing title
ELECTRICAL
DEMOLITION

project no.	sheet	revision no.
R.053906.001	E01 OF 3	0