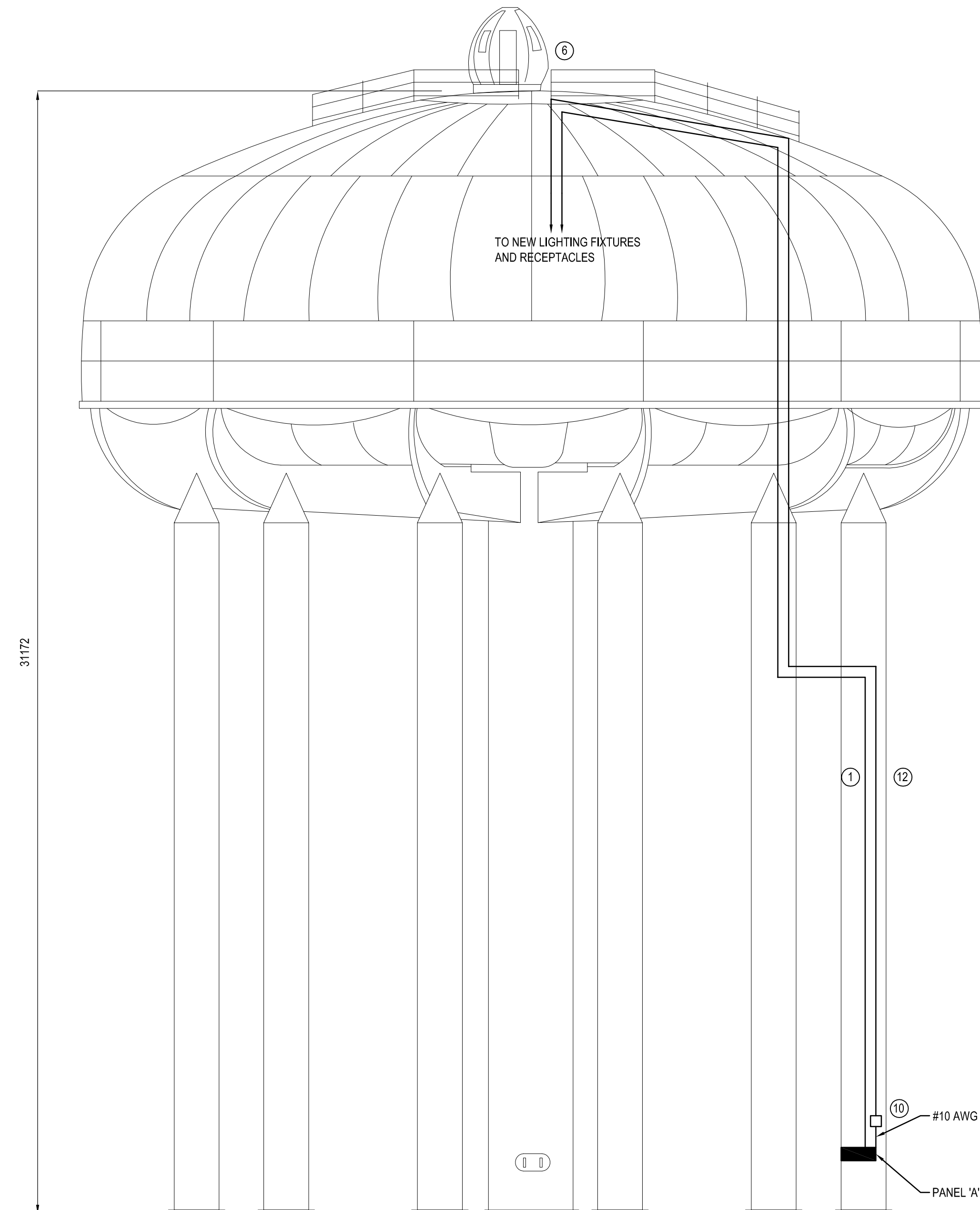


4 LIGHTING AND RECEPTACLE LAYOUT
SCALE: 1:20



3 WATER TOWER ELEVATION
SCALE: N.T.S.

LEGEND

TYPICAL DESCRIPTORS

WP INDICATES WEATHERPROOF.
MTD INDICATES MOUNTED.
NTS INDICATES NOT TO SCALE.
AFF INDICATES ABOVE FINISHED FLOOR.
AFG INDICATES ABOVE FINISHED GRADE.
JB INDICATES JUNCTION BOX.

LIGHTING PLANS

INDICATES TYPE IN LUMINAIRE SCHEDULE.

C2

TYPICAL FOR ALL LUMINAIRE SYMBOLS.

a PP1-1

INDICATES ELECTRICAL PANEL AND CIRCUIT NUMBER.

INDICATES CONTROL GROUP.

TWIN FLOODLIGHT ASSEMBLY.

SURFACE MOUNTED LUMINAIRE.

SINGLE GANG LIGHT SWITCH

a- INDICATES CONTROL GROUP.

POWER PLANS

DUPLEX RECEPTACLE 5-15R 125V, 15A.
GFI - INDICATES GROUND FAULT INTERRUPTING.
IG - INDICATES ISOLATED GROUND.
CH - INDICATES RECEPTACLE FOR BATTERY CHARGER.

BRANCH PANEL/PANEL BOARD.
SP1 - INDICATES PANEL NAME.

CIRCUIT BREAKER.

SCHEMATICS

EQUIPMENT ENCLOSURE OUTLINE.

Government of Canada

Gouvernement du Canada

LEVEL OF SECURITY | NIVEAU DE SÉCURITÉ
TO BE REVIEWED | À ÊTRE REVISER

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Member of the SNC • LAVALIN Group

KEY PLAN: N.T.S.

NOTES:

1. NEW #12 AWG 2/C TECK 90 FROM EXISTING PANEL TO NEW LUMINAIRES.
2. MOUNT WEATHERPROOF RECEPTACLE TO STRUCTURAL RAILING.
3. MOUNT NEW LIGHTING FIXTURES TO UNDERSIDE OF TANK CEILING.
4. MOUNT LIGHTING SWITCH IN WEATHERPROOF ENCLOSURE TO INSIDE OF ACCESS HATCH WALL.
5. EXISTING SQUARE D PANEL.
6. RE-USE EXISTING HOLES IN ACCESS HATCH WALL TO ROUTE NEW TECK CABLE.
SEAL ALL HOLES AFTER ROUTING CABLE TO WEATHER PROOF CONDITION.
7. PROVIDE NEW CIRCUIT BREAKERS FROM MANUFACTURER OF EXISTING SQUARE D PANEL.
8. #12 AWG 2/C TECK 90 CABLE FOR NEW LIGHTING CIRCUIT.
9. #8 AWG 2/C TECK 90 CABLE FOR NEW RECEPTACLE CIRCUIT.
10. REDUCE #8 AWG TO #10 AWG FOR ENTRY TO PANEL BOARD.
11. REDUCE #8 AWG TO #10 AWG FOR ENTRY TO RECEPTACLE.
12. NEW #8 AWG 2/C TECK 90 FROM PANEL 'A' TO NEW RECEPTACLES.
13. USE ONLY STAINLESS STEEL HARDWARE TO MOUNT WIRING DEVICES LIGHTING FIXTURES.

1 NEW ACCESS LADDER
SCALE: 1:10

LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	MANUFACTURER'S CATALOGUE NO.	LAMP	MOUNTING
A	LED VAPOUR TIGHT LUMINAIRE, 120V.	GFI #VTL-4-45A-40-DR-U-LAC LITHONIA #VAP-70LED-SYM-120 COOPER #VT-LD240-DR-120V-L835-WL-U	4100K	SURFACE MOUNTED TO UNDERSIDE OF STRUCTURE.

2 PARTIAL SINGLE LINE DIAGRAM
SCALE: N.T.S.

C03

2013/06/19

ISSUED FOR TENDER

NO.

DATE

REVISION

APPR.

SCALE | ÉCHELLE

500 0 500 1000 mm

1:20

LOCATION | EMPLACEMENT

100 BROAD ROAD
OROMOTO
NEW BRUNSWICK

PROJECT | PROJET

REPLACE THE CATHODIC
PROTECTION AT WATER TOWER

TRADE | MÉTIER

ELECTRICAL

DATE

2013/01/29

SUBJECT | SUJET

LIGHTING & POWER PLAN,
LEGEND & DETAILS

PRODUCTION

DESIGNED | ÉTUDE

D.L.

DRAWN | DESSINE

D.C.

CHECKED | VÉRIFIÉ

V.T.

COORDINATION

REVIEWED | REVU

ENG O | O ING

DES O | AGENT CONC

PROJ O | O PROJ

PROJ MGR | GEST PROJ

ENV O | O ENV

DES MGR | GEST CONC

FIRE | INCENDIE

WBS NO. | NO. OTP

PF NO. | NO. DP

PF180697

DWG. NO. | NO. DESSIN

L-G2-9401/21-501

Canada

Sheet # of