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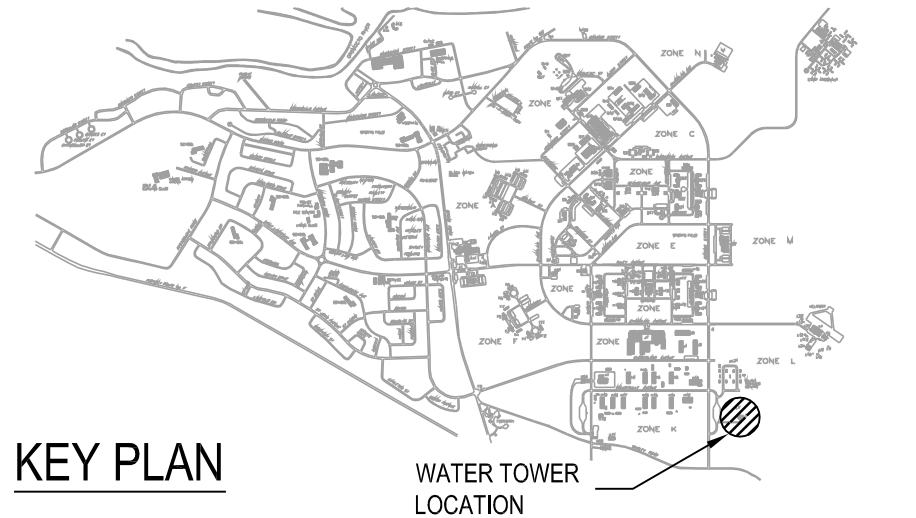
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Project No: FRE-00229456-A0
BUILDINGS - CIVIL & ENVIRONMENT - ENERGY - INDUSTRIAL - INFRASTRUCTURE - SUSTAINABILITY



Consultant Identification |
Identification Expert-Conseil

Consultant Seal |
Sceau Expert-Conseil



KEY PLAN

WATER TOWER
LOCATION

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1	2017/07/11	AS BUILT	MJM
0	2016/03/22	ISSUED FOR TENDER	PGH
NO.	DATE	REVISION	APPR.

SCALE | ÉCHELLE

LOCATION | EMPLACEMENT
**100 BROAD ROAD
OROMOCTO
NEW BRUNSWICK**

PROJECT | PROJET
**PART B - NEW FIRE WATCH
CUPOLA ON WATER TOWER**

TRADE MÉTIER ELECTRICAL	DATE 2017/07/11
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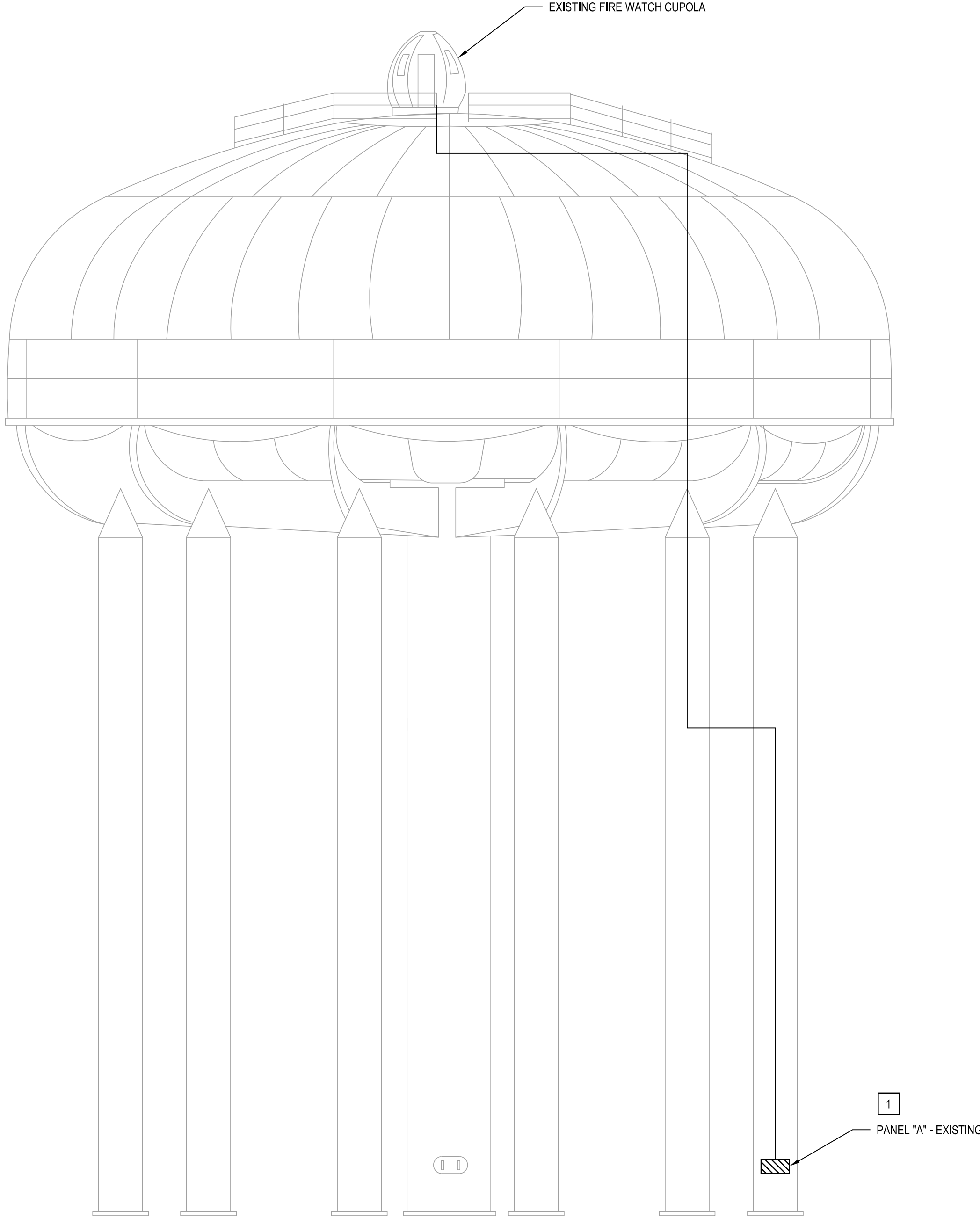
SUBJECT | SUJET
NEW FIRE WATCH CUPOLA

PRODUCTION	DESIGNED ETUDIÉ	REVIEWED REVU	ENG O O ING	DES O AGENT CONC
PGH				
DRAWN DESSINÉ	CAM	ENV O O ENV	PROJ MGR GEST PROJ	
CHECKED VÉRIFIÉ	RAM	UGS O O SGU	DES MGR GEST CONC	
COORDINATION			FIRE INCENDIE	
M.J.M.				

WBS NO. NO. OTP	PF NO. NO. DP 288760
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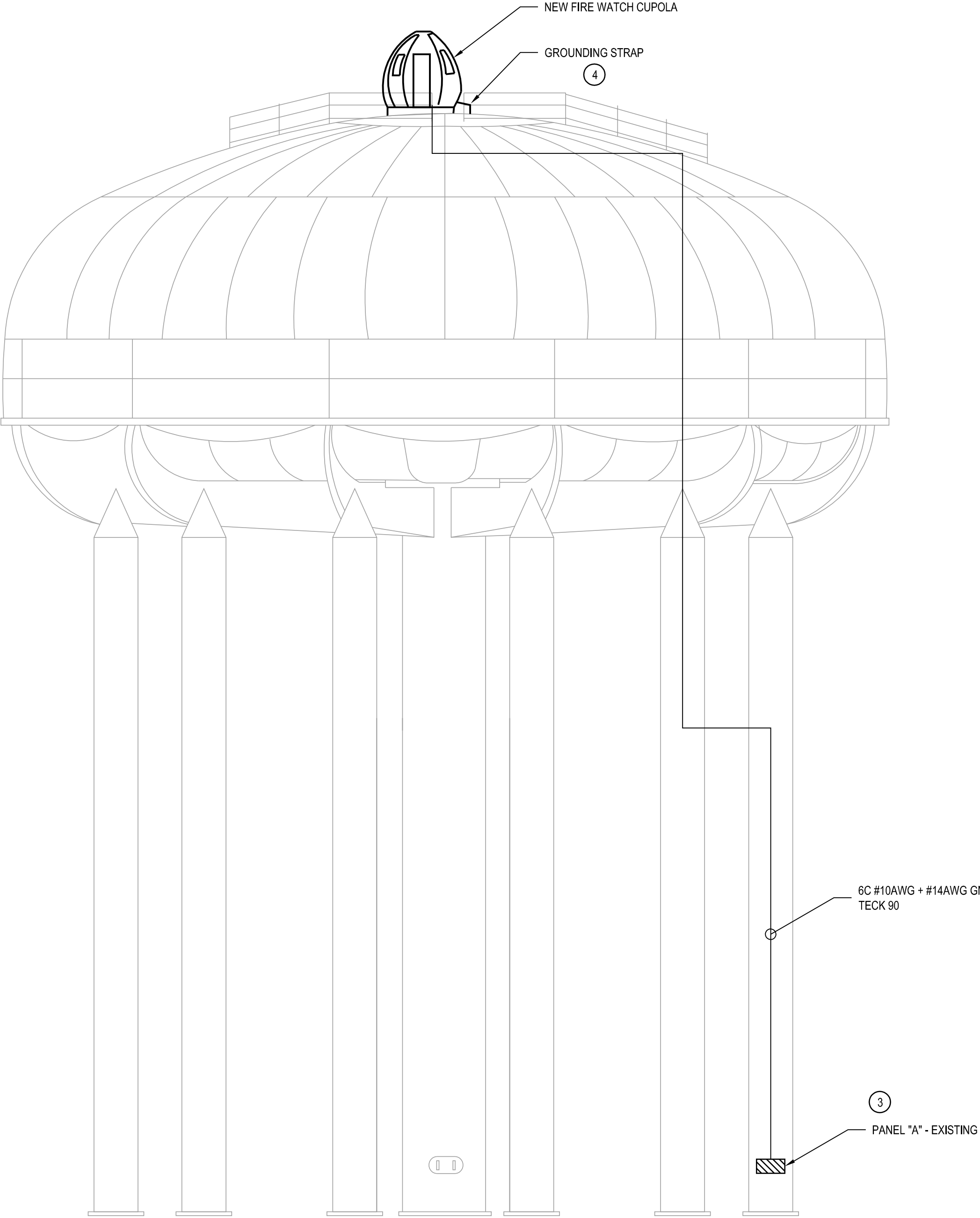
DWG. NO. NO. DESSIN	L-G2-9401/23-501
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Canada



ELEVATION - WATER TOWER
ELECTRICAL DEMOLITION PLAN

1:100



ELEVATION - WATER TOWER
NEW ELECTRICAL PLAN

1:100

DEMOLITION KEYNOTE:

- 1 DISCONNECT TECK CABLE FEEDING CUPOLA FROM CUPOLA STRUCTURE. REMOVE CUPOLA CABLING AND FASTENERS BACK TO PANEL "A".

KEYNOTES:

- 1 PROVIDE NEW BREAKERS IN EXISTING PANEL "A" FOR ALL NEW CIRCUITS.
- 2 USE SEPARATE CIRCUIT FOR RADIO CASEWORK RECEPTACLE MOUNTED IN RADIO CASEWORK.
- 3 PROVIDE FASTENING SYSTEMS FOR TECK CABLE AS PER CANADIAN ELECTRICAL CODE 2015, PART 1.
- 4 PROVIDE AND INSTALL #6 GROUND STRAP TO CONNECT CUPOLA STRUCTURAL STEEL TO TOWER STRUCTURAL STEEL.

ELECTRICAL KEYNOTES

SCALE: NOT TO SCALE

POWER

- TECK 90 CABLE
- DUPLEX RECEPTACLE 5-15R 125V, 15A.
- BRANCH PANEL/ PANEL BOARD
- 305mm x 1220mm SURFACE MOUNTED LED VAPORPROOF FIXTURE.
- HOME RUN TO PANEL
- 120VAC LIGHT SWITCH WITH FS BOX

ELECTRICAL LEGEND

SCALE: NOT TO SCALE

PANEL A									
POWER SUPPLY:					PANEL LEGEND:				
PANEL BREAKER:					G = GFCI				
PANEL BREAKING CAPACITY:					LO = LOCKABLE OFF				
MAINS:									
225A									
ITEM DESCRIPTION	LOCATION	LOAD (KW)	SIZE	# P	LO	ITEM DESCRIPTION	LOCATION	LOAD (KW)	SIZE
DOWN LIGHTS						DOWN LIGHTS			
SWITCH						RECEPTACLE			
HEATER						UNKNOWN			
RECEPTACLE						CUPOLA RECEPTACLE			
CUPOLA LIGHTS						CUPOLA RECEPTACLE			
TOTAL PHASE LOAD					TOTAL LOAD				
A= B=									

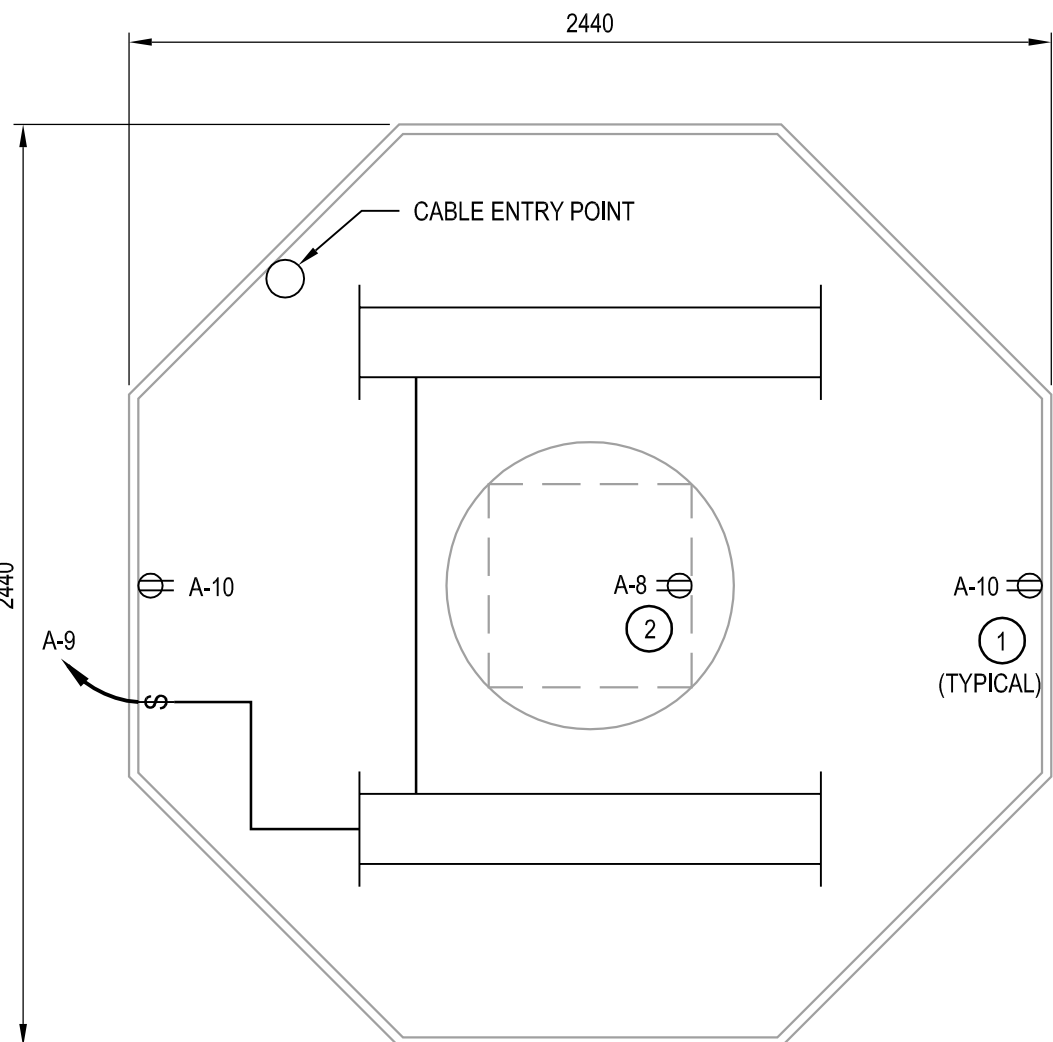
ELECTRICAL PANEL 'A' SCHEDULE

SCALE: NOT TO SCALE



ELEVATION - EXIST. FIRE WATCH CUPOLA

NOT TO SCALE



FLOOR PLAN - NEW FIRE WATCH CUPOLA
ELECTRICAL PLAN

1:20