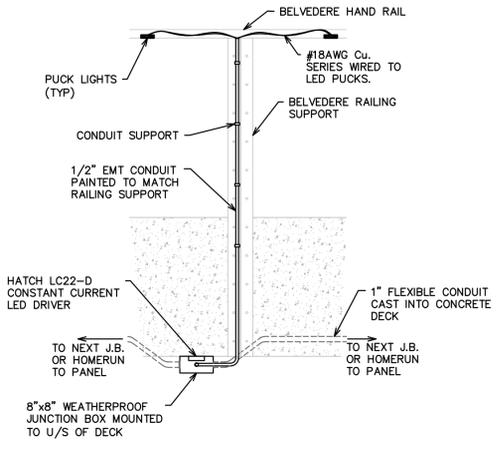
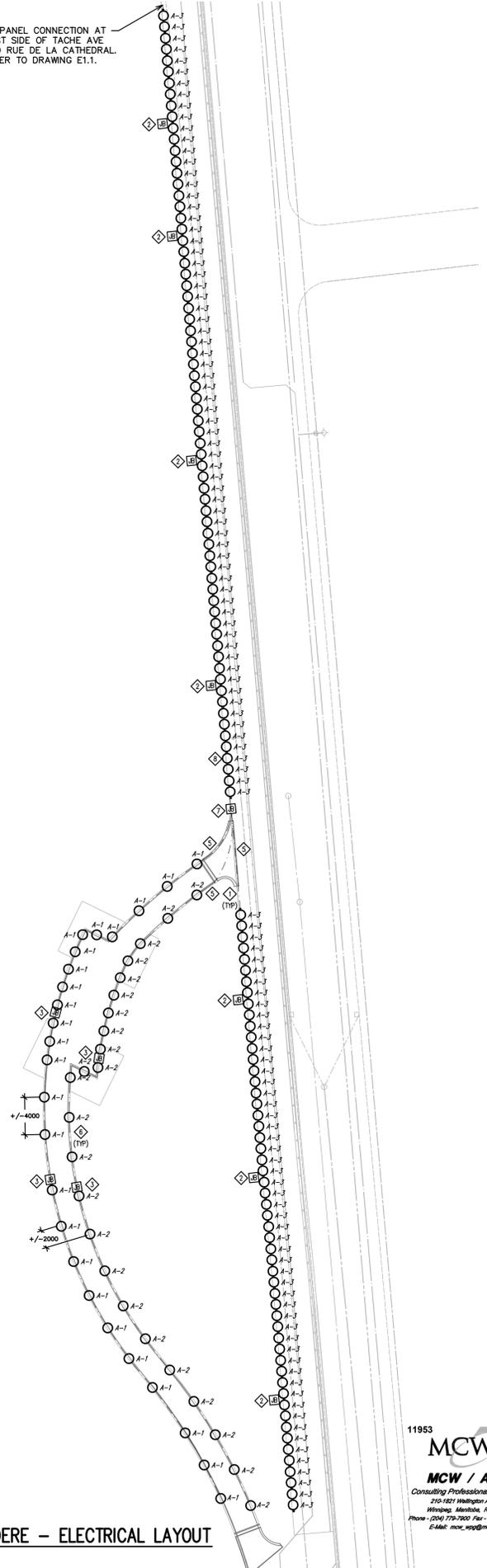
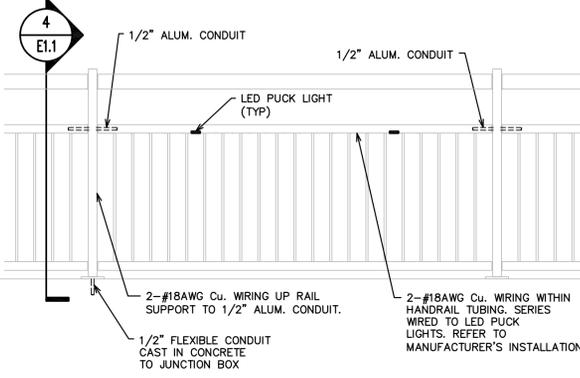


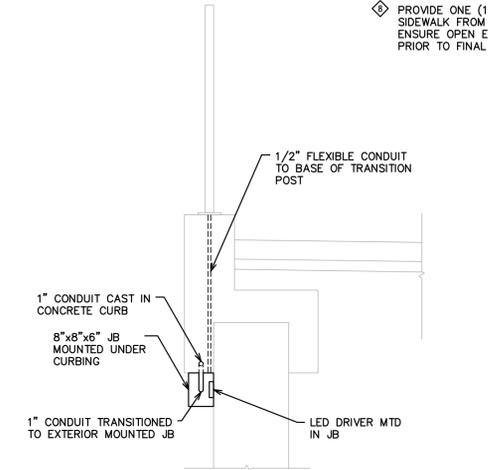
TO PANEL CONNECTION AT WEST SIDE OF TACHE AVE AND RUE DE LA CATHEDRAL. REFER TO DRAWING E1.1.



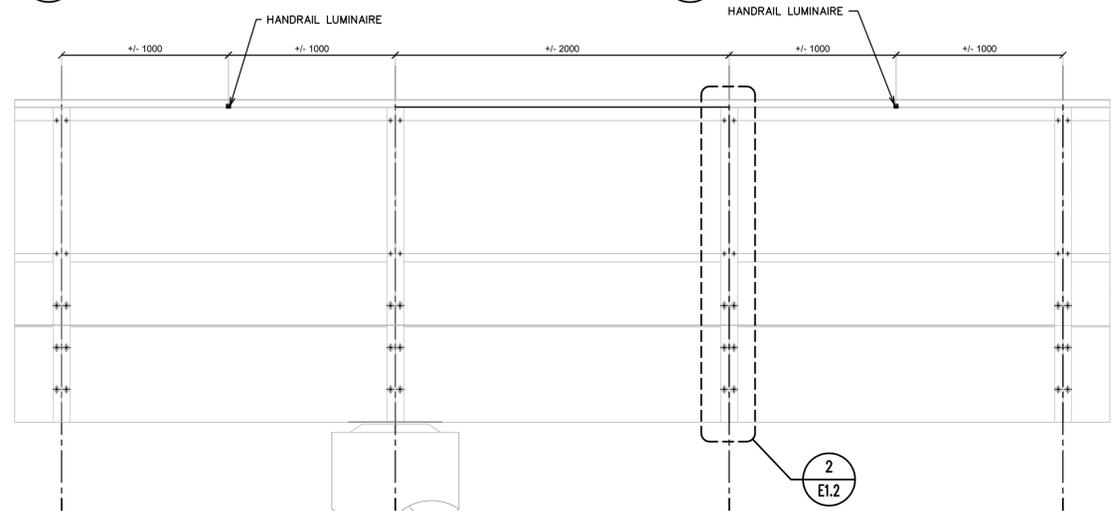
2 BELVEDERE ELECTRICAL WIRING DETAIL
E1.2 SCALE: N.T.S.



3 HANDRAIL LIGHTING DETAIL
E1.2 SCALE: N.T.S.



4 HANDRAIL JUNCTION BOX MOUNTING DETAIL
E1.2 SCALE: N.T.S.



5 BELVEDERE HANDRAIL LIGHTING DETAIL
E1.2 SCALE: N.T.S.

- GENERAL NOTES:**
1. ENSURE ALL CONDUITS, JUNCTION BOXES, FITTINGS ETC ARE WEATHER SEALED.
 2. BRANCH CIRCUIT WIRING FROM JUNCTION BOX TO DRIVERS SHALL BE RUN WITH #12 AWG RW90.
 3. WIRING FROM LED DRIVERS THROUGHOUT HANDRAIL SHALL BE WEATHER RATED FOR USE IN NON-APPROVED RACEWAY.
 4. PROVIDE 10' OF SLACK WIRING LOOSELY COILED WITHIN JUNCTION BOXES FOR BELVEDERE CIRCUITS TO ALLOW FOR POSSIBLE MOVEMENT WITHIN BRIDGE STRUCTURE.
- NOTES:**
- ◇ PROVIDE HLS VERTICAL DOWN ASYMMETRIC BEAM MINIPUCK, PLANET LIGHTING HLS-VA-HW-FF-WW WALLWASH MOUNTED IN HANDRAIL. REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR INSTALLATION REQUIREMENTS.
 - ◇ PROVIDE 27mm (1") FLEXIBLE CONDUIT CAST INTO CONCRETE CURBING FOR SUPPLY TO BELVEDERE LIGHTING. CONDUIT SHALL TRANSITION TO EXTERIOR MOUNTED JUNCTION BOX(ES) AT BASE OF HANDRAIL TRANSITION POINT. REFER TO DETAIL 3/E1.2 AND 4/E1.2.
 - ◇ PROVIDE 27mm (1") FLEXIBLE CONDUIT CAST INTO CONCRETE DECK FOR SUPPLY TO BELVEDERE LIGHTING. CONDUIT SHALL TRANSITION TO EXTERIOR MOUNTED JUNCTION BOX(ES) AT BASE OF RAILING TRANSITION POINT. REFER TO DETAIL 2/E1.2.
 - ◇ PROVIDE METERED, PEDESTAL MOUNTED, 60A, 120/240V, 1-PHASE, 3W, 240CT COMBINATION PANELBOARD MOUNTED ON 4" CURB. COORDINATE LOCATION ON SITE WITH CONTRACT ADMINISTRATOR.
 - ◇ PROVIDE ONE (1) 1" CONDUIT TO EACH RAIL FOR LIGHTING CIRCUIT.
 - ◇ PUCK LIGHTS IN BELVEDERE RAILING SHALL BE MOUNTED APPROX 4m O/C. COORDINATE LOCATION ON SITE.
 - ◇ PROVIDE ONE (1) 8"x8" JUNCTION BOX MOUNTED TO EXTERIOR VERTICAL FACE OF SIDEWALK STRUCTURE.
 - ◇ PROVIDE ONE (1) 53mm (2") FLEXIBLE CONDUIT CAST INTO SIDEWALK FROM NEW JUNCTION BOX TO NEW PANELBOARD. ENSURE OPEN ENDS ARE ADEQUATELY CAPPED AND SEALED PRIOR TO FINAL TERMINATION.

No. 08, 2017 - 4:12pm
P:\11953\11953\00 Drawings\01 Elec\11953 - E1.2.dwg - Job E1.2

1 PROMENADE & BELVEDERE - ELECTRICAL LAYOUT
E1.2 SCALE: 1:300

11953
MCW / AGE
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Winnipeg, Manitoba, R2W 1G4
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E-Mail: mcw_age@mcw.com

| LOCATIONS APPROVED UNDERGROUND STRUCTURES | | G.R.M. ELEV. | |
|---|-----------------------|--------------|-----|
| SIGNED BY: | DATE | | |
| SUPV U/G STRUCTURES | | | |
| LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING | | | |
| NO. | ISSUED FOR ADDENDUM 3 | 17/11/08 | MJB |
| 0 | ISSUED FOR TENDER | 17/10/13 | MJB |
| | REVISIONS | | |

| DESIGNED BY | | CHECKED BY | |
|-------------|--|---------------------------|--|
| MJB | | EG | |
| DRAWN BY | | APPROVED BY | |
| MJB | | MJB | |
| HOR. SCALE | | RELEASED FOR CONSTRUCTION | |
| AS NOTED | | | |
| VERTICAL | | DATE | |
| AS NOTED | | 17/10/13 | |

ENGINEER'S SEAL

CONSULTANT ACAD DWG. NO.
E1.2

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

**TACHE PROMENADE
PROMENADE AND BELVEDERE
ELECTRICAL**

CITY DRAWING NUMBER: B250-17-70
SHEET: 70 OF 70
DRAWING NO.: 03
REV: 1

APEGM
Certificate of Authorization
MCW/AGE Consulting Professional Engineers
No. 589
BID OPPORTUNITY No. 754-2017