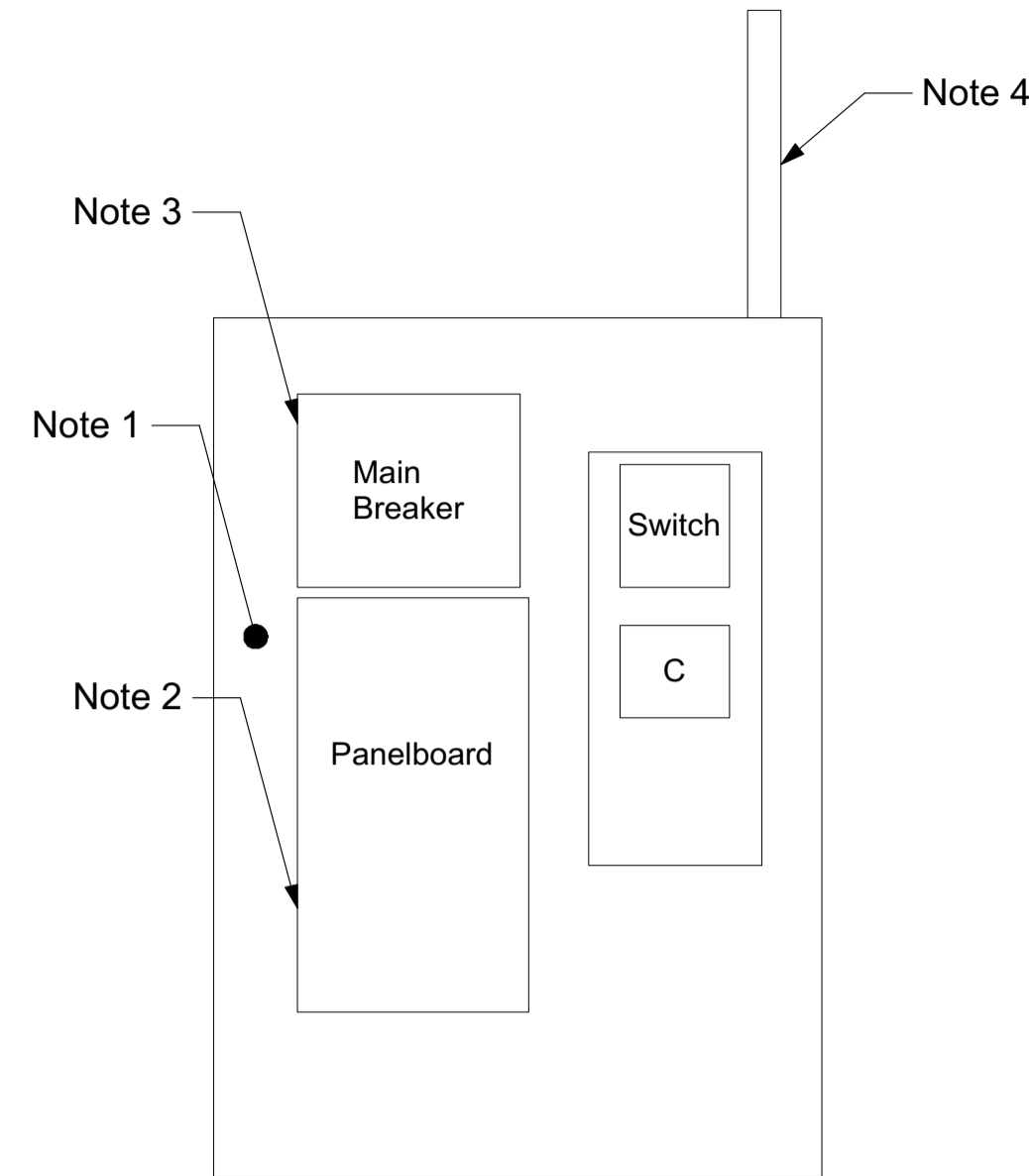


DETAIL 1 - PARK LIGHT BASE
NTS



NOTES:

1. The contractor shall provide Nema 3R lockable enclosure FPR distribution components, all breakers, contactor and switch to be labeled as to their function.
2. The Contractor shall provide four (4) separate circuit breakers on the panelboard.
3. Main Breaker shall be 100 AMP and be lockable in the "OFF" position.
4. Provide 1.2M length of 41MM rigid steel conduit and attach to enclosure. Install photocell at top of conduit complete with wire guard.

DETAIL 2 - DISTRIBUTION ENCLOSURE
NTS

GENERAL

1. THE ELECTRICAL SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE (CEC) AND WITH ALL PROVINCIAL AND MUNICIPAL LAWS, RULES AND ORDINANCES.
2. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOUR AND EQUIPMENT NECESSARY FOR INSTALLING, TESTING AND PLACING IN INITIAL OPERATION THE COMPLETE ELECTRICAL SYSTEM.
3. EXAMINE ALL PLANS AND SPECIFICATIONS PERTAINING TO THIS CONTRACT. NOTIFY CONTRACT ADMINISTRATOR OF ERRORS OR OMISSIONS BEFORE SUBMITTING THE PRICE. FAILING SUCH NOTIFICATION, THIS CONTRACTOR SHALL MEET ALL SUCH REQUIREMENTS WITHOUT EXTRA COST TO THE CITY.
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL NECESSARY FEES AND GIVE ALL NECESSARY NOTICES.
6. ALL EQUIPMENT SUPPLIED UNDER THIS CONTRACT SHALL BE NEW AND SHALL BE CSA AND LOCALLY APPROVED.
7. ALL WORK SHALL BE LAID OUT IN ITS MECHANICAL APPEARANCE. IT SHALL BE LOGICALLY ARRANGED FOR SIMPLICITY OF ACCESSIBILITY AND ELECTRICAL EFFICIENCY.
8. THE CONTRACTOR SHALL PROVIDE LAMACOID NAMEPLATES FOR ALL ELECTRICAL DISTRIBUTION EQUIPMENT/DEVICES AND SHALL MOUNT THE NAMEPLATES ON ALL EQUIPMENT TO INDICATE FUNCTION, VOLTAGE AND POWER OF DEVICES.
9. THIS SPECIFICATION IS NOT INTENDED TO RESTATE THE APPLICABLE CODES. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ALL GROUNDING, ETC. AND FOLLOWING ALL WIRING METHODS.
10. THE CONTRACTOR SHALL EXAMINE THE CONDITIONS OF THE SITE AND SHALL BE RESPONSIBLE FOR ALL EQUIPMENT, MATERIAL, AND LABOUR NECESSARY FOR THE WORK REQUIRED FOR THIS PROJECT.
11. PRIOR TO SCHEDULING FINAL INSPECTION, THE CONTRACTOR SHALL ENSURE THAT ALL WORK IS COMPLETED AND IN PARTICULAR THAT OPERATION AND MAINTENANCE MANUALS ARE COMPLETED, ALL NAMEPLATES INSTALLED, VERIFICATION TESTS HAVE BEEN DONE AND CERTIFICATES HAVE BEEN RECEIVED THAT INDICATE WORK INSTALLED CONFORMS TO ALL REQUIREMENTS.
12. ALL TREES WITHIN THE CONSTRUCTION AREA MUST BE PROTECTED FOR THE DURATION OF THE CONSTRUCTION PERIOD IN ACCORDANCE WITH SECTION E5.

DELIVERABLES

1. THE CONTRACTOR SHALL MAINTAIN ONE SET OF PLANS AT JOB SITE WHICH HE SHALL CLEARLY NOTE ALL CHANGES OR DEVIATIONS FROM THE CONTRACT DOCUMENT AS THE JOB PROGRESSES. THE CONTRACTOR SHALL SUBMIT THREE SETS OF AS-BUILT DRAWINGS TO THE CONTRACT ADMINISTRATOR ON COMPLETION OF THE JOB.

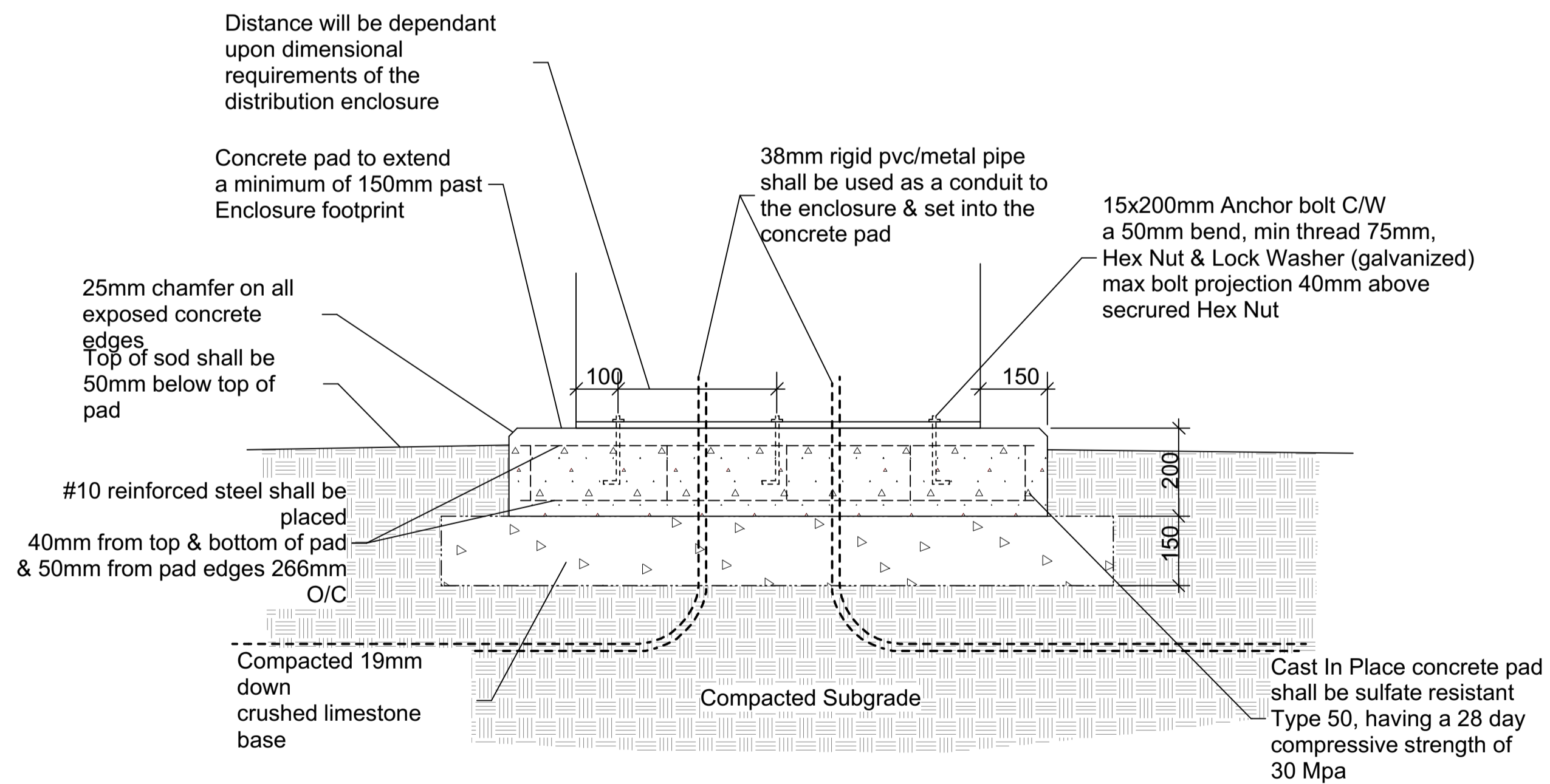
AIMING AND ACCEPTANCE TESTING

1. THE CONTRACTOR SHALL MEET THE CONTRACT ADMINISTRATOR ON SITE TO VERIFY/AIM LUMINAIRES AND TO MEASURE LIGHTING LEVELS ON COMPLETION OF THE WORK. NOTE THAT SITE VISIT WILL BE REQUIRED AFTER DARK.

OTHER

1. EXACT LOCATION OF LIGHTS AND DISTRIBUTION PANEL TO BE APPROVED BY THE CONTRACT ADMINISTRATOR, PRIOR TO INSTALLATION.
2. WIRING TO BE RWU90, MINIMUM #8 AWG, IF DIRECTIONALLY BORED CABLE WIRING SHALL BE RUN IN POLYETHELENE CONDUIT SUITABLE TO COUPLE TO THE CONDUIT CAST INTO THE PRECAST PILES. ALL CONNECTIONS TO BE WATERTIGHT COMPLETE WITH FS BOXES. NO UNDERGROUND SPLICES WILL BE PERMITTED.
3. THE CONTRACTOR TO COORDINATE ALL LOCKS WITH THE PARKS & OPEN SPACE DIVISION ELECTRICIAN AND PROVIDE THREE (3) SETS OF KEYS FOR THE LOCKABLE DEVICES.
4. DIMENSIONS SHOWN ON DRAWINGS ARE IN METERS UNLESS OTHERWISE SPECIFIED

CONTRACTOR TO CONFIRM ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION. 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 WITH CONSTRUCTION.



DETAIL 3 - DISTRIBUTION ENCLOSURE FOUNDATION
NTS



THE CITY OF WINNIPEG
Planning, Property and Development Department
Planning and Land Use Division
Unit 15 - 30 Fort Street, Winnipeg, MB, (R3C 4X5)

DESIGNED BY	SR	CHECKED BY		
DRAWN BY	SR	APPROVED BY	MANAGER, PARK AND OPEN SPACES	DATE
HORIZ. SCALE	1:500			
VERT. SCALE				
DATE	July 2018		MANAGER, PLANNING AND LAND USE DIVISION	DATE

DRAWING TITLE	DRAWING NO.
St John's Park Pathway Lighting Details	S.13 - U
SITE ADDRESS 1 Fowler Street	BID OPPORTUNITY NO. 703-2018