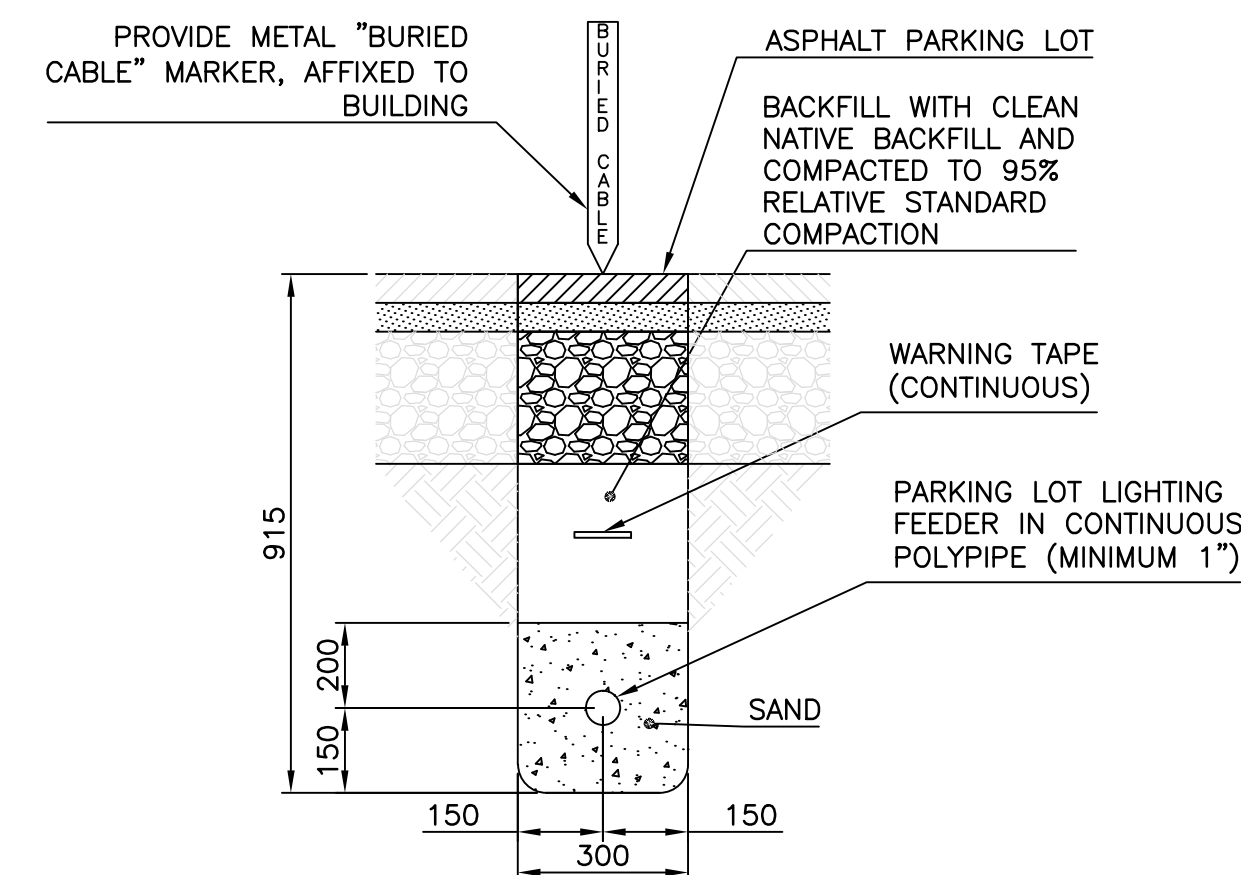


CONCRETE BASE MOUNTING DETAIL
N.T.S.

- NOTES:
- REMOVE EXISTING LUMINAIRES FROM SIDE OF BUILDING. REMOVE ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. UPDATE PANEL DIRECTORIES AS REQUIRED. ALL REMOVED EQUIPMENT TO BE TURNED OVER TO COMMUNITY CLUB.
 - LIGHTING LEVELS ARE SUPPLEMENTED WITH EXISTING 150 HPS MANITOBA HYDRO POLE LIGHTS. MOUNTED AT 35'. ADDITIONAL PARKING LOT LIGHTING TO PROVIDE THE FOLLOWING LEVELS FOR NEW PARKING LOT:
AVERAGE ILLUMINANCE 6.0 LUX
AVERAGE TO MINIMUM < 5.5
HEIGHT 9.144m
LLF = 0.7
LIGHTING PROGRAM: AGI 32 V2.15 REV 4
 - TYPE AA-1: GE EVOLVE LED ROADWAY LIGHT R150 MEDIUM COBRAHEAD ORDER NUMBER: ERM-C-1-A2-43-A-1-GRAY. TYPICAL FOR 3 LUMINAIRES.
 - TYPE AA-5: GE EVOLVE LED ROADWAY LIGHT R150 MEDIUM COBRAHEAD ORDER NUMBER: ERM-C-1-A2-43-A-5-GRAY. TYPICAL FOR 1 LUMINAIRE.
 - WIRE 4 NEW LUMINAIRES TO EXISTING CIRCUIT MADE SPARE FROM DELETION OF EXISTING LIGHTS. LIGHTING CONTROL TO BE AS FOLLOWS: LIGHTS TO BE CONTROLLED BY PHOTOCELL (LUMINAIRE AA-5) AND EXISTING PARAGON TIME CLOCK. LIGHTS WILL TURN ON WHEN PHOTOCELL AND TIME CLOCK ARE BOTH ENABLED. LIGHTS WILL TURN OFF BY TIME CLOCK.
 - SUPPLY AND INSTALL 2x 30ft (9.144m) ROUND TAPERED STEEL GALVANIZED POLE COMPLETE WITH 2 x 18 INCH HORIZONTAL 2 INCH GALVANIZED PIPE TENONS @ 180 DEGREES APART. POLE TO BE VALMOUNT/WEST COAST ENGINEERING RT-30-11B-0.0 OR APPROVED EQUAL. PROVIDE LUMINAIRE MOUNTING DETAILS TO POLE MANUFACTURER TO ALLOW POLE TO BE PRE-DRILLED.
 - ELECTRICAL CONTRACTOR TO PROVIDE ALL TRENCHING, CONDUIT, AND WIRING. ALL FINAL CONNECTIONS SHALL BE MADE TO EXISTING PANEL "A". RUN PVC CONDUIT TO JUNCTION BOX INSIDE BUILDING. ALL WIRING INSIDE BUILDING TO BE IN CONDUIT. ALL CONDUIT/PVC PENETRATIONS TO BE SEALED WITH NON-SHRINK, WATERPROOF, FIRE-RATED SEALANT.



TYPICAL CABLE TRENCH DETAIL
N.T.S.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) OBTAIN CLEARANCE FROM THE GAS UTILITY PRIOR TO EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS UTILITY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

BID OPPORTUNITY NO. 111-2011

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
⊕	HYDRANT	⊕	---	LDS/WWS	---			
⊙	VALVE	⊙	---	WATERMAIN	---			
⊘	CURB STOP	⊘	---	PARKING LOT WIRING	---			
▬	CONCRETE SIDEWALK	▬	▬	RED SHALE	▬			
○	O.L.S.	○	▬	DITCH GRADING	▬			
○	MANHOLE	○	▬	CURB RENEWAL	▬			
□	CATCH BASIN	□	231.000	ELEVATIONS	[231.000]			
△	CURB INLET	△	---	PROPERTY LINE	---			
☆	HYDRO POLE	☆	+	SURVEY BAR	+			
⊙	TRAFFIC SIGNAL POLE	⊙	+	GEODETIC BENCH MARK	+			
⊙	PARKING LOT LUMINAIRE	⊙	---	RAMP CURB	---			

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE DATE

NOTE:
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.

B.M. ELEV.	GBM 49-018 235.910
1.	NOTES: 3, 4, AND 6 2011/04/09 RM
NO.	REVISIONS
DATE	BY

ENGINEERING DIVISION
TECHNOLOGY SERVICES BRANCH
106 - 1155 PACIFIC AVE

DESIGNED BY R.M.
CHECKED BY G.A.
DRAWN BY R.M.
APPROVED BY J.B.

HOR. SCALE: 1 : 250
VERTICAL: N.T.S.

DATE 2011/03/23

ENGINEER'S SEAL
PROVINCE OF MANITOBA
G.W. ALCOCK
REGISTERED PROFESSIONAL ENGINEER
ORIGINAL SIGNED MARCH 23, 2011

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

MARJEDEY PARK
PARKING LOT LIGHTING & ASSOCIATED WORKS

CITY DRAWING NUMBER SE-11-21
SHEET 2 OF 2

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