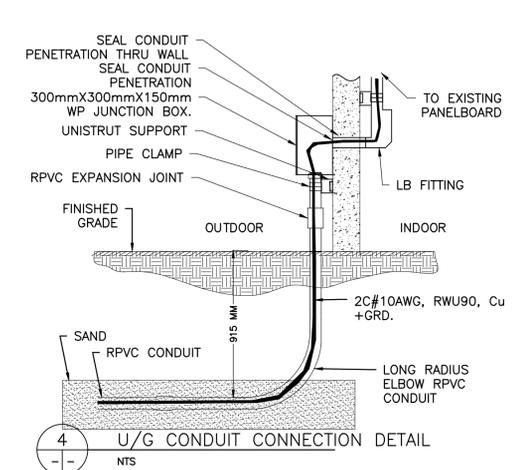
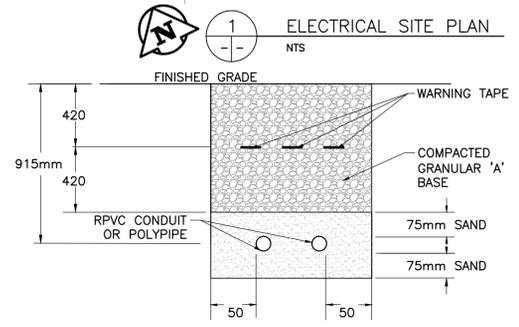


- KEYNOTES:**
- PROVIDE LUMINAIRES, POLES, PILE FOUNDATIONS, MOUNTING HARDWARE, CONDUIT, WIRE, CABLE, BOXES, CIRCUIT BREAKERS, LIGHTING CONTROL, TRENCHING, SAND BACKFILL, MARKING TAPE, SURFACE RESTORATION, AND ALL OTHER WORKS REQUIRED TO PROVIDE COMPLETE AND FUNCTIONAL LIGHTING AND SYSTEMS.
 - SUPPLY AND INSTALL NEW THREE (3) 15A-1P CIRCUIT BREAKERS ON EXISTING PANELBOARD 'PANEL #1'. NEW CIRCUIT BREAKER SHALL MATCH EXISTING INTERRUPTING RATING CAPACITY AND MANUFACTURER.
 - MAKE A DETAILED RECORD OF BURIED CONDUIT AND CABLE ROUTES, BURIAL DEPTHS, AND OTHER DETAILS ON RECORD DRAWINGS AT THE TIME OF INSTALLATION OF ANY CONDUIT OR CABLE. (TYP.)
 - SUPPLY AND INSTALL 6.35mm THICK WALL HEAVY DUTY ROUND TAPERED ALUMINUM POLE DOUBLE DRILL AT 180 DEG. SATIN COLOR C/W ANCHOR BOLT AND ASSOCIATED ACCESSORIES BY HAPCO OR PRAIRIE POLE CAT.# RTA28FB4-01
 - UPDATE PANEL SCHEDULE IN EXISTING PANELBOARD 'PANEL #1'.
 - SUPPLY AND INSTALL NEW LIGHTING CONTROL PANEL C/W WITH HAND-OFF-AUTO SWITCH AND PHOTOCELL IN TYPE 1 ENCLOSURE. REFER TO TYPICAL LIGHTING CONTROL SCHEMATIC FOR DETAIL. CONFIRM MOUNTING LOCATION ON SITE.
 - DISCONNECT AND REMOVE EXISTING PARKING LOT LIGHT FIXTURES, LIGHT POLE AND ASSOCIATED ACCESSORIES. DISCONNECT, REMOVE OR ABANDON EXISTING UNDERGROUND WIRING BACK TO SOURCE PANEL. CONTRACTOR TO CONFIRM EXACT LOCATION OF SOURCE PANEL ON SITE. REMOVAL OF EXISTING CONCRETE PILES BY OTHERS.
 - APPROXIMATE LOCATION OF MANITOBA HYDRO UNDERGROUND PRIMARY AND SECONDARY LINES. SAFETY WATCH AND HAND/SOFT DIG IS REQUIRED WHEN DIGGING WITH IN 1 METER OF PRIMARY LINES. COORDINATE WITH MB HYDRO BEFORE TRENCHING.
 - APPROXIMATE LOCATION OF THE EXISTING UNDERGROUND MTS CABLE. COORDINATE WITH MTS BEFORE TRENCHING.
 - APPROXIMATE LOCATION OF CONDUIT PENETRATION THROUGH WALL. PROVIDE SEAL PENETRATION ON BOTH SIDES OF WALLS. SEALS SHALL BE WATER TIGHT.
 - SEE DETAIL 4 FOR CONDUIT PENETRATION DETAIL. COMMUNICATION CONDUIT SHALL TERMINATE IN JUNCTION BOX C/W COILED PULL STRING.
 - CONTRACTOR TO TAKE PEAK CURRENT READING FROM PANEL #1 AND SUBMIT TO CONSULTANT BEFORE ROUGH-IN.
 - PROVIDE 35mm HDPE POLY PIPE C/W PULL STRING FOR FUTURE CCTV COMMUNICATION CABLE.

- GENERAL NOTES:**
- ELECTRICAL CONTRACTOR TO VISIT SITE PRIOR TO SUBMITTING BID. REVIEW EXISTING SITE THOROUGHLY AND CONFIRM PERTINENT EXISTING DEVICE LOCATIONS, EXISTING WIRING ROUTING AND FAMILIARIZE WITH COMPLETE SCOPE OF DEMOLITION AND RENOVATION WORK. NO ADDITIONAL COST WILL BE CONSIDERED FOR ITEMS THAT WOULD HAVE BEEN OBSERVABLE ON SITE.
 - EXISTING FLOOR PLAN AND EXISTING ELECTRICAL SYSTEM ARE BASED ON CLIENT MADE AVAILABLE DRAWINGS. ONUS IS ON CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS, EXISTING ELECTRICAL SYSTEMS AND FAMILIARIZE THEMSELVES PRIOR TO BID SUBMISSION.
 - THE DRAWINGS ONLY SHOWS A GENERAL SCHEMATIC OF NEW SYSTEMS. ROUTING OF CONDUITS OR CABLES AND LOCATION SHALL SUIT SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICTS WITH EXISTING STRUCTURE OR EXISTING CONDUITS ROUTING. WHEN CONFLICT CAN NOT BE AVOIDED, THE EXISTING SERVICE SHALL BE MODIFIED AS DEEMED NECESSARY TO SUITE THE NEW ELECTRICAL INSTALLATION. THE MODIFICATION SHALL COMPLY TO LATEST EDITION OF CEC AND LOCAL REGULATIONS.
 - DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ELECTRICAL INSTALLATION. REPORT ANY DISCREPANCY TO THE CONSULTANT PRIOR TO COMMENCING ROUGH-IN.
 - CONTRACT DOCUMENT DRAWINGS FOR ELECTRICAL WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
 - INSTALL ALL ELECTRICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
 - COORDINATE CONSTRUCTION OF ALL ELECTRICAL WORK WITH CIVIL WORK, ETC.
 - WHERE CABLES AND CONDUITS HAVE BEEN INSTALLED THROUGH EXISTING FIRE RATED WALLS. ELECTRICAL CONTRACTOR SHALL SEAL OPENINGS AROUND CABLES AND CONDUITS TO MAINTAIN EXISTING FIRE RATING. USE UL-C RATED SYSTEM FOR EACH PENETRATION.
 - SUPPLY AND INSTALL BRANCH BREAKERS, INCLUDING ASSOCIATED ACCESSORIES AND WIRING AS REQUIRED. BRANCH BREAKERS TO MATCH EXISTING PANELS.
 - THE BUILDING SHALL MAINTAIN NORMAL OPERATING HOURS DURING THE COURSE OF THE WORK. WORK MAY GENERALLY BE CARRIED OUT DURING REGULAR HOURS. CARRY OUT WORK SUCH THAT NO FACILITY USERS OR PERSONNEL WILL BE SUBJECTED TO UNREASONABLE OR PROLONGED MESS, NOISE, OR LOSS OF USE OF SYSTEMS. DO NOT LEAVE ANY WORK IN AN UNSAFE STATE.



LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	CATALOGUE NO	LAMP	VOLT	MANUFACTURER
⊙	DXS2 LED W/ 4 (40) LED LIGHT ENGINES, (2) 1050mA DRIVERS, 4000K LED, TYPE T3M OPTICS OR APPROVED EQUIVALENT BY COOPER LIGHTING AND CREE LIGHTING. SEE KEYNOTE 4 FOR MOUNTING POLE REQUIREMENT.	DSX2 LED 80C 1000 40K T3M MVOLT OR APPROVED EQUIVALENT BY COOPER LIGHTING AND CREE LIGHTING	LED	120V	LITHONIA LIGHTING OR APPROVED EQUIVALENT BY COOPER LIGHTING AND CREE LIGHTING

- NOTES:**
- COMPACT GRANULAR A-BASE BACKFILL IN APPROXIMATELY 150mm LAYERS TO 100% SPD. BACKFILL LAYER MATERIAL NOT TO CONTAIN LARGE ROCKS, SHARP OBJECTS, OR DELETERIOUS SUBSTANCES.
 - WOOD PLANKING SHALL BE PRESSURE TREATED LUMBER, TYPICAL.
 - SAND SHALL BE MAX 6mm SCREENED SAND.

APEGM
Certificate of Authorization
WSP Canada Inc.
No. 5750 Date: June 23, 2015

ENGINEER'S SEAL
ORIGINAL DRAWING SEALED
by
M.M. HOQUE
and DATED
June 23, 2015

REFER DRAWING C01
FOR GENERAL
CONSTRUCTION NOTES

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

<p>PHOTO SENSOR (PS)</p> <p>CIRCUIT BREAKER (CB)</p> <p>LIGHTING CONTROL (LC)</p> <p>PANEL BOARD (PB)</p> <p>LAMP STANDARD (L)</p> <p>UNDERGROUND CABLE (UC)</p> <p>LAMP STANDARD (L)</p> <p>UTILITY POLE (UP)</p>		<p>EXISTING LEGEND - PLAN</p> <p>PROPOSED LEGEND - PLAN</p>		<p>EXISTING LEGEND - PROFILE</p> <p>PROPOSED LEGEND - PROFILE</p>		<p>LOCATION APPROVED UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES COMMITTEE DATE</p> <p>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.</p>		<p>C.W.B.M. 11-037..... 231.071m N. SIDE OF KIMBERLY AVE., W. OF RIZER CRES. IN N. SHOULDER OF KIMBERLY AVE., TBLT. ON TOP OF 0.05m DIA. X 2.4 IRON PIP. 34m S. OF MOST SLY WALL & 32m W. OF MOST WLY. WALL OF INCINERENA ARENA.</p> <p>WSP 1600 BUFFALO PLACE, WINNIPEG, MB R3T 6B8 TEL. NO. +1204-477-1260 FAX NO.+1204-477-6346</p> <p>DESIGNED BY D.G. CHECKED BY H.P. DRAWN BY D.G. APPROVED BY H.P.</p> <p>HOR. SCALE: 1:250 (A1) VERT. SCALE: --- DATE: MARCH 2013</p>		<p>ENGINEER'S SEAL ORIGINAL DRAWING SEALED by H.N. PROCYSHYN and DATED June 23, 2015</p>		<p>THE CITY OF WINNIPEG PLANNING, PROPERTY & DEVELOPMENT</p> <p>TERRY SAWCHUK ARENA PARKING LOT RESURFACING PROJECT</p> <p>ELECTRICAL SITE PLAN</p>		<p>CITY DRAWING NO. ---</p> <p>SHEET 6 OF 6</p> <p>REV. ---</p> <p>BID OPPORTUNITY NO. 547-2015 CONSULTANT DRAWING NO. 121-23863-E01</p>	
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