



1 JOHN HIRSCH - ELECTRICAL LAYOUT
 E1.1 SCALE: 1:200

GENERAL NOTES:

1. VERIFY LOCATIONS OF UTILITIES AND PROTECT ALL ELECTRICAL EQUIPMENT AGAINST DAMAGE DURING CONSTRUCTION.
2. COORDINATE POLE FOOTINGS AND POWER LOCATIONS WITH LANDSCAPE DRAWINGS.
3. CONDUIT IS SHOWN FOR CONFIGURATION AND CLARITY. CONTRACTOR SHALL DETERMINE ROUTING OF CONDUITS TO SUIT SITE CONDITIONS.

NOTES:

1. DISCONNECT AND REMOVE EXISTING POST-TOP LUMINAIRES. RETAIN EXISTING POLE FOR RE-INSTALLATION WITH NEW LUMINAIRES. REMOVE EXISTING WIRING TO NEAREST JUNCTION BOX/PULL-PIT AND CAP-OFF EXISTING CONDUITS.
2. PROVIDE NEW POST-TOP LUMINAIRES AS SPECIFIED C/W POLES TO MATCH EXISTING. RELOCATE AND RE-INSTALL EXISTING POLE WHERE APPLICABLE. WIRE AND CONNECT LUMINAIRES TO EXISTING CIRCUIT IN AREA. CONTRACTOR SHALL CONFIRM EXISTING VOLTAGE ON-SITE PRIOR TO ORDERING LUMINAIRES. REFER TO LANDSCAPE DRAWINGS FOR POLE BASE DETAIL.
3. NEW CONDUIT SHALL BE 27mm PVC SUITABLE FOR DIRECT BURIAL C/W REQUIRED EXPANSION JOINTS AND FITTINGS.
4. WIRE AND CONNECT TRELLIS LIGHTING TO EXISTING CIRCUIT IN AREA.
5. WIRE AND CONNECT FLOOD LIGHTING TO EXISTING CIRCUIT IN AREA.
6. COORDINATE MOUNTING HEIGHTS OF TRELLIS LUMINAIRES WITH LANDSCAPE DRAWINGS.
7. CUSTOM LIGHTING SHALL BE ORIENTED TO PROJECT ONTO LOCATION(S) INDICATED ON LANDSCAPE DRAWINGS. REFER TO 2/E1.0.
8. DISCONNECT AND REMOVE EXISTING RECEPTACLES ALONG PARKING FENCE. REMOVE WIRE AND CONDUIT BACK TO NEAREST JUNCTION BOX/PULL-PIT.
9. PROVIDE NEW WEATHERPROOF PARKING RECEPTACLES AS INDICATED. WIRING SHALL BE RUN UNDERGROUND IN PVC CONDUIT TO BASE OF MOUNTING POST. UTILIZE EXISTING CIRCUIT(S) SUPPLYING EXISTING RECEPTACLES. REFER TO DETAIL 1/E1.0.
10. EXISTING AREA LIGHTING CIRCUIT ORIGINATES FROM PULL-PIT. CONFIRM CONNECTION REQUIREMENT PRIOR TO TENDER CLOSE.

LUMINAIRE SCHEDULE					
TYPE	MANUFACTURER	CATALOGUE NO.	VOLTS	LAMP	REMARKS
1	HOLOPHANE	AMDE 40 4K AS M B 3 N S B	120	40W LED 4000K	WASHINGTON KLINE POST-TOP LUMINAIRE C/W PCS TWISTLOCK PHOTOCONTROL OPTION AND GVDHSS90 90 DEGREE HOUSE SIDE SHIELD ACCESSORY POLE SHALL MATCH EXISTING CITY OF WINNIPEG STANDARD ON SITE.
1A	HOLOPHANE	AMDE 40 4K AS M B 3 N S B	120	40W LED 4000K	WASHINGTON KLINE POST-TOP LUMINAIRE C/W PCS TWISTLOCK PHOTOCONTROL OPTION. POLE SHALL MATCH EXISTING CITY OF WINNIPEG STANDARD ON SITE.
2	BEGA	3580LED	120	6.5W LED 3000K	LED DOWNLIGHT SURFACE MOUNTED TO STEEL TRELLIS UTILIZE 4"x4" SQUARE J.B. PAINTED BLACK
3	LUMENPULSE	LBM-120-30K-NF-BK-N-O-SY	120	28W LED 3000K	TREE FLOOD LUMINAIRE C/W STAKE MOUNTING ACCESSORY AND VANDAL RESISTANT ENCLOSURE.
4	LUMENPULSE	LBM-120-30K-NS-LSLV-BK-NO	120	28W LED 3000K	POLE MOUNTED SPOT LIGHT C/W TENON MOUNTING KIT, VERTICALLY DISTRIBUTED SPREAD LENS AND CUSTOM WATER RESIST SHROUD.
5	BEGA	77 683	120V	13W LED	WIDE DISTRIBUTION LED SPOT LIGHT REMOVE OPTICS PRIOR TO INSTALLATION.
6	HYDREL	RHY4 NRPS GRN WFL ASM CSL20 BLA GNA	REMOTE SUPPLY	GREEN LED	4 SURFACE MOUNTED WIDE FLOOD WASH C/W GREEN LED.

NOTE:
 These design documents are prepared solely for the use by the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party with whom the design professional has not entered into a contract.

<p>Certificate of Authorization MCW/AGE Consulting Professional Engineers No. 589 Expiry: April 30, 2017</p>	G.B.M. ELEV.	<p>10331-03 Consulting Professional Engineers 210-1871 Wellington Avenue Winnipeg, Manitoba, R2V 0G4 Phone: (204) 778-7900 Fax: (204) 778-1119 E-Mail: mcw_age@mcw.com</p>	ENGINEER'S SEAL	<p>THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES DIVISION</p>																								
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