



LP-1-39 LP-1-41

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LP-1-41 LP-1-39

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35mm EPOXY COATED RGS CONDUIT UP ABUTMENT TO U/S BRIDGE DECK WALKWAY. REFER TO NOTE 8
BELL END FITTING ON CONDUIT. CONDUIT TO EXTEND MIN. 2m BEYOND EDGE OF BRIDGE ABUTMENT.
3 #6 AWG RWU90 & 1 #8 CU GROUND IN TRENCH. REFER TO DETAIL SHEET CS-063

BRIDGE TRAINMAN'S WALKWAY (TYP.)

RGS CONDUIT TO EXTEND BEYOND BUILDING WALL 2m IN TRENCH. INSTALL BELL END FITTING AT END OF CONDUIT RUN
EMT TO RGS CONDUIT FITTING AT WALL PENETRATION
PROVIDE WATERPROOF FIREPROOF SEALANT AROUND CONDUIT OPENING IN BLDG. WALL
EXTERIOR WALL MTD. PHOTOCELL FOR LTG. CONTACTOR CONTROL
2 POLE 20A RATED LIGHTING CONTACTOR IN CSA 1 ENCLOSURE WALL MTD. IN ELECTRICAL ROOM FOR U/S BRIDGE WALL PACK LIGHT CONTROL
EMT CONDUIT ROUTED THROUGH BUILDING U/S CEILING
PUMP STATION PANEL LP-1 IN MOTOR CONTROL CENTRE. PROVIDE AND INSTALL 2 - 1 POLE 15 AMP CIRCUIT BREAKERS IN SPACE 39 AND 41 OF PANEL LP-1 FOR U/S BRIDGE ROADWAY AND WALKWAY LIGHTING

PUMP STATION BUILDING

PARTIAL SITE PLAN
SCALE 1:150

NOTES

- REFER TO UTILITY DRAWINGS (C2-CU) FOR LOCATION OF ALL EXISTING UTILITIES.
- CHECK ALL FIELD CONDITIONS AND ALL DIMENSIONS, REPORT ANY INCONSISTENCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE DRAWINGS.
- COORDINATE ALL TRENCH INSTALLATION WITH MUNICIPAL SERVICES TO AVOID INTERFERENCE.
- CONTRACTOR TO COORDINATE WITH PUMP STATION DESIGNER FOR BREAKER NUMBER AND LOCATION OF THE PANEL.
- UNDERGROUND LIGHTING WIRING SHALL BE RWU90 #6 AWG COPPER C/W #8 AWG BARE CU GROUND. WIRING ON UNDERPASS BRIDGE STRUCTURE TO BE RW90 TYPE.
- GROUNDING FROM BUILDING GROUND.
- ALL RGS CONDUIT FITTINGS TO BE CAST CONSTRUCTION WITH CONNECTIONS TO BE COMPRESSION WATER TIGHT TYPE.
- ALL MOUNTING HARDWARE FASTENERS TO BE STAINLESS STEEL, FASTENING SYSTEMS TO CONCRETE TO BE METAL EXPANSION ANCHOR TYPE. EXPOSED CONDUIT AND CONDUIT FITTINGS TO BE CAST STEEL EPOXY COATED. EPOXY COVERING AND MOUNTING HARDWARE BRACKETS TO BE SAME COLOR AS CONCRETE.
- RGS CONDUIT IN TRENCH TO 2m BEYOND BRIDGE ABUTMENT, UP SIDE OF ABUTMENT TO U/S BRIDGE DECK WALKWAY STRUCTURE. INSTALL CONDUIT EXPANSION FITTING ON VERTICAL RISER 300mm ABOVE GRADE (NOT SHOWN ON PLANS).

DRAWING SHEET LEGEND

- CABLING / CONDUIT BELOW GRADE
- CONDUITS SURFACE MOUNTED ON U/S BRIDGE DECK WALKWAY
- ON BRIDGE PIER STRUCTURE
- CONDUIT ELBOW / TEE DROP
- SURFACE MOUNTED LED WALL PACK LED TYPE LIGHT FIXTURE C/W VANDAL MESH STYLE COVER

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DESIGNED BY	SCB	CHECKED BY	BF
DRAWN BY	MS/SK	APPROVED BY	DBW
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL	AS SHOWN		
NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	17/01/09	RE

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CHECKED BY	BF
DRAWN BY	MS/SK
APPROVED BY	DBW
HOR. SCALE	AS SHOWN
VERTICAL	AS SHOWN
RELEASED FOR CONSTRUCTION	

ENGINEER'S SEAL

 CONSULTANT PROJECT NUMBER
16-3353

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
WAVERLEY STREET UNDERPASS AT CN MILE 3.89 RIVERS SUB CONTRACT 2: UNDERPASS STRUCTURE, RAILWORKS, ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION AND LANDSCAPING WORKS
 CITY DRAWING NUMBER
U-239-2016-C2-CS-062
 SHEET **062** OF **085**
 CONSULTANT DRAWING NUMBER
C2-CS-062
ELECTRICAL PARTIAL SITE PLAN