



BILL OF MATERIALS

PER ADAPTOR (TWO REQUIRED)

MK.	QTY.	DESCRIPTION
1	1	BASE PLATE 254 DIAMETER x 19.1 THICK (GR. 300W)
2	1	BASE PLATE 203 DIAMETER x 15 THICK (GR. 300W)
3	1	ROUND HOLLOW SECTION, CLASS H, HSS 127 x 9.5 (CSA G20.41 GR. 350W)
4	4	25 (1") DIAMETER x 75 (3") LONG A325 BOLTS GALVANIZED C/W NUT AND WASHER
4	4	ASTM F1554 NUTS AND WASHER FOR 3/4" NOMINAL ANCHOR BOLT SIZE

NOTES

- ALL PLATE MATERIALS SHALL BE CSA G40.21 - 300W STRUCTURAL STEEL UNLESS OTHERWISE NOTED.
- ALL MATERIALS SHALL BE HOT - DIP GALVANIZED IN ACCORDANCE WITH ASTM A123 TO A MINIMUM NET RETENTION OF 610 g/m².
- ALL AREAS OF DAMAGED GALVANIZING SHALL BE REPAIRED WITH SELF - FLUXING LOW TEMPERATURE ZINC BASED ALLOY SPRAY ON COATING CALLED "ZINGA" OR APPROVED EQUIVALENT.
- CONTRACTOR SHALL SUPPLY 4 - DIAMETER 25 (1") mm x 75 (3") mm LONG A325 BOLT C/W NUTS AND WASHERS.
- COORDINATE WITH MANITOBA HYDRO TO OBTAIN MANITOBA HYDRO DECORATIVE ACORN LIGHT AND STANDARD. CONTRACTOR SHALL SUPPLY ADAPTOR.
- CONTRACTOR SHALL COORDINATE WITH MANITOBA HYDRO FOR MANITOBA HYDRO TO REMOVE AND DE-ENERGIZE THE EXISTING MANITOBA HYDRO LIGHT STANDARDS.
- CONTRACTOR SHALL INSTALL THE MANITOBA HYDRO ADAPTOR TO THE EXISTING ANCHOR BOLTS USING NEW F1554 NUTS AND WASHERS.
- CONTRACTOR SHALL COORDINATE WITH MANITOBA HYDRO FOR MANITOBA HYDRO TO INSTALL AND ENERGIZE THE NEW MANITOBA HYDRO DECORATIVE ACORN LIGHT STANDARD.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



LOCATIONS APPROVED UNDERGROUND STRUCTURES			
SIGNED BY:	DATE:		
SUPV U/G STRUCTURES			
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			
0	ISSUED FOR TENDER	20.05.22	JL
No.	REVISIONS	DATE	BY

DESIGNED BY	MM	CHECKED BY	MLW
DRAWN BY	KP	APPROVED BY	JL
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL	AS SHOWN		
0	ISSUED FOR TENDER	20.05.22	JL
No.	REVISIONS	DATE	BY

wsp

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ENGINEER'S SEAL	
CONSULTANT PROJECT NO.	20M-00233-00

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

FERMOR AVENUE PEDESTRIAN UNDERPASS NEAR ST. MARY'S ROAD - MAINTENANCE WORKS

MANITOBA HYDRO DECORATIVE ACORN LIGHT STANDARD ADAPTOR

CITY DRAWING NUMBER: U218-20-07
BID OPPORTUNITY NUMBER: 372-2020
SHEET: 7 OF 7
REV: 0

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