CONSTRUCTION NOTES:

PROJECT SCOPE

1. INSTALL CONDUIT AND BASES AS SHOWN.
2. REBUILD SERVICE AND INSTALL GROUND ROD ON WOOD POLE #10 AS SHOWN. INSTALL MAST AND DISCONNECT ON XX QUADRANT. INSTALL WEATHER HEAD 150mm LOWER THAN THE LOWEST HYDRO WIRE.
3. INSTALL EQUIPMENT AS SHOWN.

PROJECT COORDINATION

1. COORDINATE WORK WITH (CA's NAME), (204) XXX–XXXX.
2. COORDINATE HYDRO SERVICE INSTALLATION WITH (HYDRO DESIGNER), (204) XXX–XXXX. RE: JUTA PERMIT No. BXXXXX
3. TWO WEEKS PRIOR TO CONSTRUCTION, COORDINATE REPLACEMENT OF LUMINAIRE ON JOINT USE POLES #2, #5 & #6 WITH DARREN TABAK, (204) 360–7521, dtabak@hydro.mb.ca.

PLAN VIEW: UNDERGROUND CONSTRUCTION

1:250

TRAFFIC SIGNALS EQUIPMENT DISPLAY
N.T.S.

EQUIPMENT DISPLAY LEGEND

EXISTING — PROPOSED (AS SHOWN BELOW)

PEDESTRIAN HEAD WITH PCS; VEHICLE DETECTION AREA; TRAFFIC SIGNAL HEAD; 12' LOW ARM (SHOWN FROM CENTRE) HIGH ARM (SHOWN FROM SIDE); PEDESTRIAN CORRIDOR BOX; TRAFFIC SIGNAL POLE; EB APS SINGLE DIRECTION; PB PUSH BUTTON & DIRECTION (APB = AUDIBLE PB); R RED FLASHER; LUMINAIRE; A RRFB (PHASE "A" OR "B"); WOOD POST; APS DUAL DIRECTION (2 SEPARATE SPEAKERS); ELECTRONIC DISPLAY; A B AMBER FLASHER (CIRCUIT "A" OR "B"); CAMERA

NO.	EQUIPMENT LIST	ARM	BASE	B.B.
1.	DAVIT	16'	A	AD
2.	35' SIGNAL FOR 150 WATT (15000 LUMEN) LUMINAIRE	12'	A	AD
3.	CANTILEVER	16'	G	GC
4.	CANTILEVER	12'	G	GC
5.	35' SIGNAL FOR 150 WATT (15000 LUMEN) LUMINAIRE	12'	A	AD
6.	35' SIGNAL FOR 150 WATT (15000 LUMEN) LUMINAIRE		OD	DD
7.	DAVIT	8'	A	AD
8.	DAVIT	8'	A	AD
9.	332 CABINET/170 CONTROLLER			

NO.	EQUIPMENT LIST	ARM	BASE	B.B.
10.	HYDRO WOOD SERVICE:			

TRAFFIC SIGNALS UNDERGROUND LEGEND

EXISTING — PROPOSED (AS SHOWN BELOW)
ABANDONED — DISCONNECTED (LOOPS ONLY)

1 1/2" PE CONDUIT; 2" PE CONDUIT; 4" PVC CONDUIT; AERIAL / BURIED CABLE; CONDUIT STUB; BREAK-IN; SPLICE; SAW-CUT LOOPS; PREFORMED LOOPS

POLE BASE; WOOD POST; CONTROLLER BASE; PEDESTAL BASE; TERMINAL BASE; SERVICE BOX (PIT); 24" PRECAST PIT; 30" PRECAST PIT; 36" PRECAST PIT; REMOVAL

SIGNAL BASE BOLT SQUARE TYPES

BOLT SQUARE (B.S.) DIA.

TYPE "A" - 8 1/8"
TYPE "B" - 6 3/4"
TYPE "C" - 8 1/8" SCREW TYPE
TYPE "D" - 12 3/4", 1 1/4" DIA. BOLTS, 24" DIA.
TYPE "OD" - 12 3/4", 1 1/4" DIA. BOLTS, 28" DIA.
TYPE "POD" - 12 3/4", PRECAST, 1 1/4" DIA. BOLTS, 28" DIA.
TYPE "E" - 9 9/16" SCREW TYPE
TYPE "F" - 9 9/16"
TYPE "G" - 8 1/8", 1 1/4" DIA. BOLTS, 89mm PROJ.
TYPE "GS" - 8 1/8", 1 1/4" DIA. BOLTS, 76mm PROJ.
TYPE "PG" - 8 1/8", PRECAST, 1 1/4" DIA. BOLTS
TYPE "H" - 9 7/8" SCREW TYPE
TYPE "I" - 7 3/4"
TYPE "J" - 10 5/8", 1 1/4" DIA. BOLTS
TYPE "K" - 10 5/8", PRECAST, 1 1/4" DIA. BOLTS
TYPE "L" - 6", 5/8" DIA. BOLTS
TYPE "PM" - 8 1/8", PRECAST, 5/8" DIA. BOLTS

INTERNAL REVIEW

	NEW TIMINGS?	DATE	INITIALS
OPERATIONS:			
TIMINGS (INITIAL):			
TIMINGS (PRE-IFC):			
TMC:			
STREET LIGHTING:			
TRAFFIC MANAGEMENT:			
FACILITIES PLANNING:			

EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED	EXISTING	LEGEND	PROPOSED
150 WM	WATERMAIN	150 WM		PROPERTY LINE		TELEPHONE	TELEPHONE	TELEPHONE
	HYDRANT			ROADWAY		COMMUNICATION	COMMUNICATION	COMMUNICATION
	VALVE			SIDEWALK			WOOD POLE	
300 SEWER	SEWER	300 SEWER		CURB & CURB RAMP			STREET LIGHT	
	MANHOLE			WARNING TILE			BANNER POLE	
	CATCH BASIN			SLOPE			RAILWAY POLE	
	CURB INLET			CULVERT			GUY-WIRE	
HYDRO	HYDRO	HYDRO		BUILDING			FENCE	
100 GAS	GAS	100 GAS		TREE			GUARDRAIL	

UNDERGROUND STRUCTURES

UNDERGROUND STRUCTURES ID — DATE (YYYY/MM/DD)

WATER & WASTE REVIEW ID

NOTE:
LOCATIONS 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.

CONSTRUCTION REVISIONS

NO.	REVISION	DATE (YYYY/MM/DD)	BY
A	ISSUED FOR INTERNAL REVIEW	2022/03/08	R.S.

R.S. — DESIGNED BY
R.S. — DRAWN BY
C.H. — CHECKED BY
APPROVED BY

ACCOUNTS:
WT PENDING

LIABILITY DISCLAIMER NOTICE:
THE DIGITAL INFORMATION PROVIDED FOR YOUR CONVENIENCE HEREIN IS FOR USE AT YOUR OWN RISK. THE CITY OF WINNIPEG, PUBLIC WORKS DEPARTMENT, SHALL ASSUME NO RESPONSIBILITY FOR THE INFORMATION AND IT SHOULD NOT BE CONSTRUED AS ASBUILT INFORMATION. THE INFORMATION SHOULD BE USED FOR PLANNING PURPOSES ONLY AND SHOULD BE VERIFIED BY SURVEY. THE DEPARTMENT SHALL NOT IN ANY WAY SUFFER ANY LIABILITY WHATSOEVER TO ANY PARTY FOR INJURY, LOSS OR DAMAGES SUFFERED BY SUCH PARTY ARISING FROM THEIR USE OF, OR RELIANCE UPON, THIS INFORMATION.

ENGINEER'S SEAL:

PRELIMINARY
NOT FOR CONSTRUCTION

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TRAFFIC SIGNALS
ARLINGTON ST. & MOUNTAIN AVE.

UNITS: ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED

DRAWING NUMBER: S-1145

V:\Traffic Signals\01 - Intersections\Arlington & Mountain S-1145\03 Design\Preliminary Arlington & Mountain S-1145.dwg