



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.

EXISTING

LEGEND-PLAN

PROPOSED

EXISTING

			HYDRO POLE & LIGHT STANDARD			WATER MAIN	
┐┍			LIGHT STANDARD OR TRAFFIC SIGNAL	∞/••		LAND DRAINAGE SEWER	
			HYDRO POLE	HP •		WASTE WATER SEWER	
						HYDRO	
						M.T.S.	
			CURB RAMP			GAS	
			DETECTABLE WARNING SURFACE TILE			SIGNALS	
┐L			 EDGE OF SIDEWALK			MANHOLE	0
			FENCE	-00/	▼	CATCH BASIN	
LOC			PROPERTY LINE		ΔΠΟΦ	CURB INLET	Δ
UNE			 EDGE OF ASPHALT			UTILITIES ADJUSTED	
			 EDGE OF CONCRETE			PLUG	
SIGNE			 MODIFIED BARRIER CURB			HYDRANT	\(\rightarrow \)
_ SI	NORTH MEDIAN	·	 BARRIER CURB			VALVE	8
-1	SOUTH MEDIAN - · - · -	_ · _ · _	BARRIER CURB AND GUTTER			CURB STOP	3
LOCAT	NORTH OR WEST SIDEWALK		 MODIFIED BARRIER CURB AND GUTTER		31.00	GROUND GRADE	230.99
SHOW AVAIL	SOUTH OR EAST SIDEWALK		CONCRETE SIDEWALK/MEDIAN			PAVEMENT GRADE	(31.00)
EXISTI LOCAT	ROADWAY CENTRELINE -		CONCRETE PAVEMENT			ANCHOR	\longrightarrow
EXISTA MUST	NORTH OR WEST GUTTER		ASPHALT OVERLAY			CIVIC ADDRESS	#111
BEFOR	SOUTH OR EAST GUTTER		ASPHALT MILLING			IRON BAR	ф

LEGEND-PLAN

PROPOSED

EXISTING

LEGEND-PROFILE

ENGINEERS GEOSCIENTISTS MANITOBA **Certificate of Authorization WSP Canada Group Limited** No 6657

PROPOSED

No. 6657									
OCATIONS APPROVED NDERGROUND STRUCTURES		M. = TOP NUT OF FIRST HYDRANT SOUTH OF INTERS BETWEEN NESS AVENUE AND LINWOOD STREE V. = 233.659			119		93 Lomb	Canada Group Limited ard Avenue, Suite 111 finnipeg MB R3B 3B1 T+ 1 204-943-3178 F+ 1 204-943-4948	ENGINEER'S SEAL
NED BY: SUPV U/G STRUCTURES DATE							_	www.wsp.com	HUS.B.
					DESIGNED BY	BJ	CHECKED BY	MW	WONSON Member
ATION OF UNDERGROUND STRUCTURES AS DWN ARE BASED ON THE BEST INFORMATION MILABLE BUT NO GUARANTEE IS GIVEN THAT ALL STING UTILITIES ARE SHOWN OR THAT THE GIVEN					DRAWN BY	VA	APPROVED BY	JL	PROFFSSIONAL
CATIONS ARE EXACT CONFIRMATION OF STANCE AND EXACT LOCATION OF ALL SERVICES ST BE OBTAINED FROM THE INDIVIDUAL UTILITIES					HOR. SCALE	1:250	RELEASED FOR		CONSULTANT PROJECT No.
FORE PROCEEDING	0	ISSUED FOR TENDER	17.11.23	JL	VERTICAL	1:50	CONSTRUCTION		
	No.	REVISIONS	DATE	BY	DATE	17.11.23	DATE		17M-00806-00

GENERAL NOTES

- ALL WORK IN ACCORDANCE WITH CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.

 ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT
- AND REGULATIONS FOR CONSTRUCTION PROJECTS.

 THE CONTRACTOR IS ADVISED THAT WORK BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL OTHER
- CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.

 4. ADD 200.00m TO OBTAIN ACTUAL GEODETIC ELEVATIONS.

 5. CONTRACTOR TO VERIFY DEPTH OF UTILITIES PRIOR TO CONSTRUCTION. LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OF THAT THE GIVEN LOCATIONS ARE EXACT, CONFIRMATION OF EXISTING AND EXACT LOCATIONS OF ALL SERVICES MUST BE OBTAINED FROM THE
- INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION. MAINTAIN ACCESS TO ALL ESTABLISHMENTS AT ALL TIMES.
- RESTORE ALL SURFACES TO EQUAL OR BETTER CONDITION, OR AS SPECIFIED ON THE DRAWINGS. EXISTING DRAINAGE TO BE MAINTAINED AT ALL TIMES.

WATER MAIN

- 1. WATER MAIN SHALL BE POLYVINYL CHLORIDE (P.V.C.) CLASS 150 PIPE (DR18) MANUFACTURED TO AWWA C-900-89 WITH GASKET BELL END c/w #14 AWG COPPER TRACER WIRE.
- ALL WATER MAIN SHALL BE INSTALLED TO A MINIMUM DEPTH OF COVER OF 2.75 METRES. 3. ALL WATER MAIN BEDDING SHALL BE CLASS '2.' GRANULAR BEDDING SHALL NOT BE LESS THAN
- 150mm BELOW THE PIPE AND 300mm ABOVE.
 THRUST BLOCKS MUST BE INSTALLED ON ALL WATER MAIN BENDS AND TEES.
 WATER MAINS MUST COMPLY WITH MINIMUM HORIZONTAL AND VERTICAL CLEARANCES IN ACCORDANCE
- WITH LOCAL PROVINCIAL GUIDELINES AND THE APPLICABLE BUILDING AND PLUMBING CODE. 6. ALL WATER MAINS SHALL BE BACTERIA LOGICALLY TESTED IN ACCORDANCE WITH CITY OF WINNIPEG AND PROVINCIAL GUIDELINES. ALL CHLORINATED WATER TO BE DISCHARGED AND PRETREATED TO ACCEPTABLE LEVELS PRIOR TO DISCHARGE. ALL DISCHARGED WATER MUST BE CONTROLLED AND TREATED SO AS NOT TO ADVERSELY EFFECT THE ENVIRONMENT. THE LOCAL MUNICIPALITY MAY HAVE SPECIFIC REQUIREMENTS TO BE COMPLIED WITH. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO

ENSURE THAT ALL MUNICIPAL AND / OR PROVINCIAL REQUIREMENTS ARE FOLLOWED.

METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES





THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

ENGINEERING DIVISION TRURO CREEK CULVERT REPLACEMENT

AT WINCHESTER STREET

C322-17-25 BID OPPORTUNITY NUMBER 1014-2017 25 25

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WATER MAIN RENEWAL