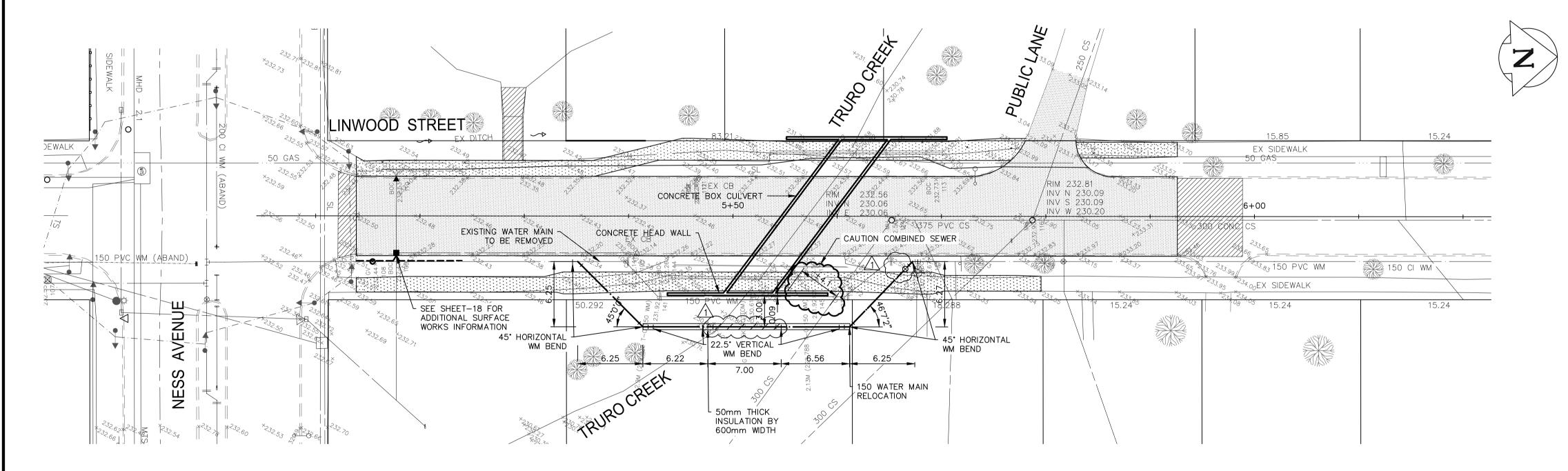
234.00		CONCRETE BARRIER WWS_MH PROPOSED ROADWAY CENTRELINE WWS_MH	234.00
233.00		SEE SHEET-18 FOR ADDITIONAL SURFACE WORKS INFORMATION	233.00
232.00		CONCRETE HEAD WALL	232.00
231.00		ON CREEK BANK RIP RAP	231.00
230.00		EX 150 PVC WM EX 375 PVC CS EX 375 PVC CS EX 375 PVC CS EX 375 PVC CS	230.00
229.00		EXISTING 150 WATER MAIN TO BE REMOVED	229.00
228.00		BOTTOM OF CONCRETE HEAD WALL AND EXISTING 300 CS	228.00
227.00		INSULATION x 600mm WIDTH c/w 50mm THICK SIDE PANELS. SEE SD-018 INV 27.25	227.00
226.00	LE VALVE	BEND BEND BEND BEND BEND BEND BEND BEND	226.00
225.00	150 GAT	45. WM 45. WM 150 GA 6 150 GA 6	225.00
224.00	5+15.5 5+15.5	6 5 35.1 6 5 47.6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 7 7 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 5 7 7 5 7 7 5 7 7 5 6 5 5 <td>224.00</td>	224.00



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.

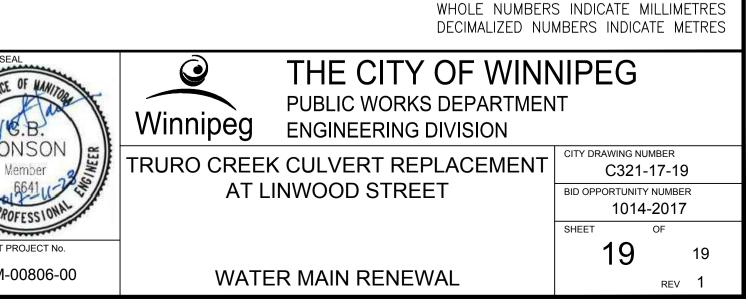
D									
Dra		WATER MAIN			HYDRO POLE & LIGHT STANDARD				
oV MMM		LAND DRAINAGE SEWER		·>	LIGHT STANDARD OR TRAFFIC SIGNAL				
ablaoV :nts\MMM		WASTE WATER SEWER		HP	HYDRO POLE				
by: (emen		HYDRO							
acei		M.T.S.							
saved Replace		GAS			CURB RAMP				
	··	SIGNALS			DETECTABLE WARNING SURFACE TILE	***			
Last Culvert	0	MANHOLE			EDGE OF SIDEWALK				
- ×		CATCH BASIN	▼	-0	FENCE				
- AM Creek	Δ	CURB INLET	ΔOΦ		PROPERTY LINE				
11:57:34 – Truro C		UTILITIES ADJUSTED			EDGE OF ASPHALT				
1:57 Tru		PLUG			EDGE OF CONCRETE				
	-¢-	HYDRANT			MODIFIED BARRIER CURB				
7 at -00	\otimes	VALVE			BARRIER CURB		·	NORTH MEDIAN	<u> </u>
8, 2017 -00806-(5	CURB STOP			BARRIER CURB AND GUTTER		_ · ·	SOUTH MEDIAN	— · —
-00, -00	230.99	GROUND GRADE	31.00		MODIFIED BARRIER CURB AND GUTTER			NORTH OR WEST SIDEWALK	
JM-	(31.00)	PAVEMENT GRADE			CONCRETE SIDEWALK/MEDIAN	••••••		SOUTH OR EAST SIDEWALK	
$\frac{7}{1}$	\longrightarrow	ANCHOR			CONCRETE PAVEMENT			ROADWAY CENTRELINE	
December 2017\17M-	# 111	CIVIC ADDRESS			ASPHALT OVERLAY			NORTH OR WEST GUTTER	
ed: P:/		IRON BAR			ASPHALT MILLING			SOUTH OR EAST GUTTER	
Plotted: File: P:\	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSI

	ENGINEERS GEOSCIENTISTS MANITOBA Certificate of Authorization WSP Canada Group Limited No. 6657									
	LOCATIONS APPROVED UNDERGROUND STRUCTURES	G.B.M. = TOP NUT OF FIRST HYDRANT SOUTH OF INTERSECTION BETWEEN NESS AVENUE AND LINWOOD STREET ELEV. = 233.659				\\\\		WSP Ca 93 Lomba Wir	ENGINEER'S SE	
	SIGNED BY:					-			F+ 1 204-943-4948 www.wsp.com	1 Au
<u> </u>						DESIGNED BY	BJ	CHECKED BY	MW	REGIST
	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					DRAWN BY	VA	APPROVED BY	JL	FRO PR
	LOCATIONS ARE EXACT CONFIRMATION OF EXISTANCE AND EXACT LOCATION OF ALL SERVICES	1	ISSUED FOR ADDENDUM No. 2	17.12.08	JL	HOR. SCALE	1:250	RELEASED FOR		
	MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING	0	ISSUED FOR TENDER	17.11.23	JL	VERTICAL	1:50	CONSTRUCTION		
POSED		No.	REVISIONS	DATE	BY	DATE	17.11.23	DATE		17M-

- GENERAL NOTES 1. ALL WORK IN ACCORDANCE WITH CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS. 2. ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT ALL WORK STALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETT 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. 2. 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
- ALLE WATER MAIN BEDDING STALL BE CLASS 2. GRANGLAR BEDDING STALLE 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. 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.



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