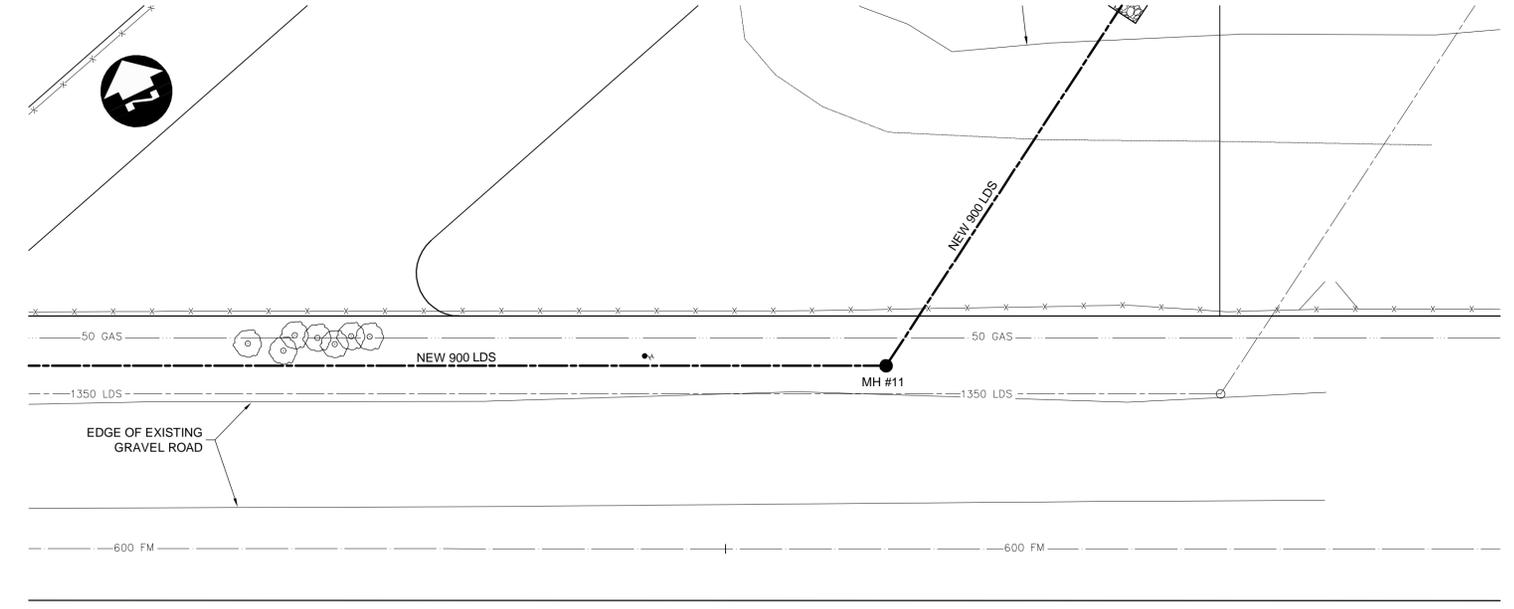


- CONSTRUCTION NOTES:**
- ALL PVC PIPE SHALL HAVE CLASS B-TYPE 3 BEDDING AND ALL CONCRETE PIPE SHALL HAVE CLASS B-SAND BEDDING.
  - BACKFILL UNDER PAVEMENT, IN SIDEWALKS, & WITHIN 1.0 OF PAVEMENT TO BE 6" LIMESTONE FLOOD TAMPED.
  - BACKFILL IN BOULEVARD TO BE CLASS 5.
  - ALL CATCHBASIN LEADS WILL BE 200# AND ARE TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
  - PIPE INSTALLED IN C.P.R. R.O.W. TO BE INSTALLED USING PIPE JACKING METHOD.
  - NO EXCAVATIONS ARE PERMITTED WITHIN THE C.P.R. R.O.W.
  - PIPE CROSSING IN C.P.R. R.O.W. TO BE CONSTRUCTED, MAINTAINED, AND OPERATED IN ACCORDANCE WITH TCE-10 STANDARDS.
  - WARNING SIGN TO BE INSTALLED NEAR PROPERTY LINES INDICATING BURIED UTILITY

PIPE SPECIFICATIONS	
CARRIER PIPE	O.D. 1118MM W.T. = 102MM
SPEC. DIRECTION OF FLOW	ASTM C76 - CL5 CONC. WEST TO EAST
MAX. WORKING PRESSURE MATERIAL TO BE CONVEYED INSTALLATION METHOD	GRAVITY STORM SEWER JACK/BORE



**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.



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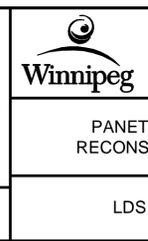
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
	WATERMAIN			HYDRO			WATERMAIN	
	HYDRANT			M.T.S.			HYDRANT	
	VALVE			CONCRETE			VALVE	
	LAND DRAINAGE SEWER			ASPHALT			LAND DRAINAGE SEWER	
	WASTE WATER SEWER			PLANING			WASTE WATER SEWER	
	MANHOLE			SIDEWALK			MANHOLE	
	CATCH BASIN			PAVING STONES			CATCH BASIN	
	CURB INLET			PARTIAL DEPTH REPAIR			CURB INLET	
	JUNCTIONS			PROPERTY LINE			JUNCTIONS	
	CULVERT			DRAINAGE ARROW			CULVERT	
	GAS			CURB RAMP			GAS	

NO.	REVISIONS	DATE	BY
3	ISSUED FOR TENDER	12/16/13	JNC
2	ISSUED FOR REVIEW	07/22/13	JNC
1	ISSUED FOR REVIEW	06/21/13	JNC

DESIGNED BY	WPN
DRAWN BY	TJH
CHECKED BY	JNC
APPROVED BY	DPK



DESIGNED BY	WPN
DRAWN BY	TJH
CHECKED BY	JNC
APPROVED BY	DPK



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

PANET ROAD/MOLSON STREET  
RECONSTRUCTION AND TWINNING

LDS - CALLSBECK (2 OF 3)

CITY DRAWING NUMBER: P-3350-38  
SHEET OF: 38 OF 45  
CONSULTANT DRAWING NUMBER