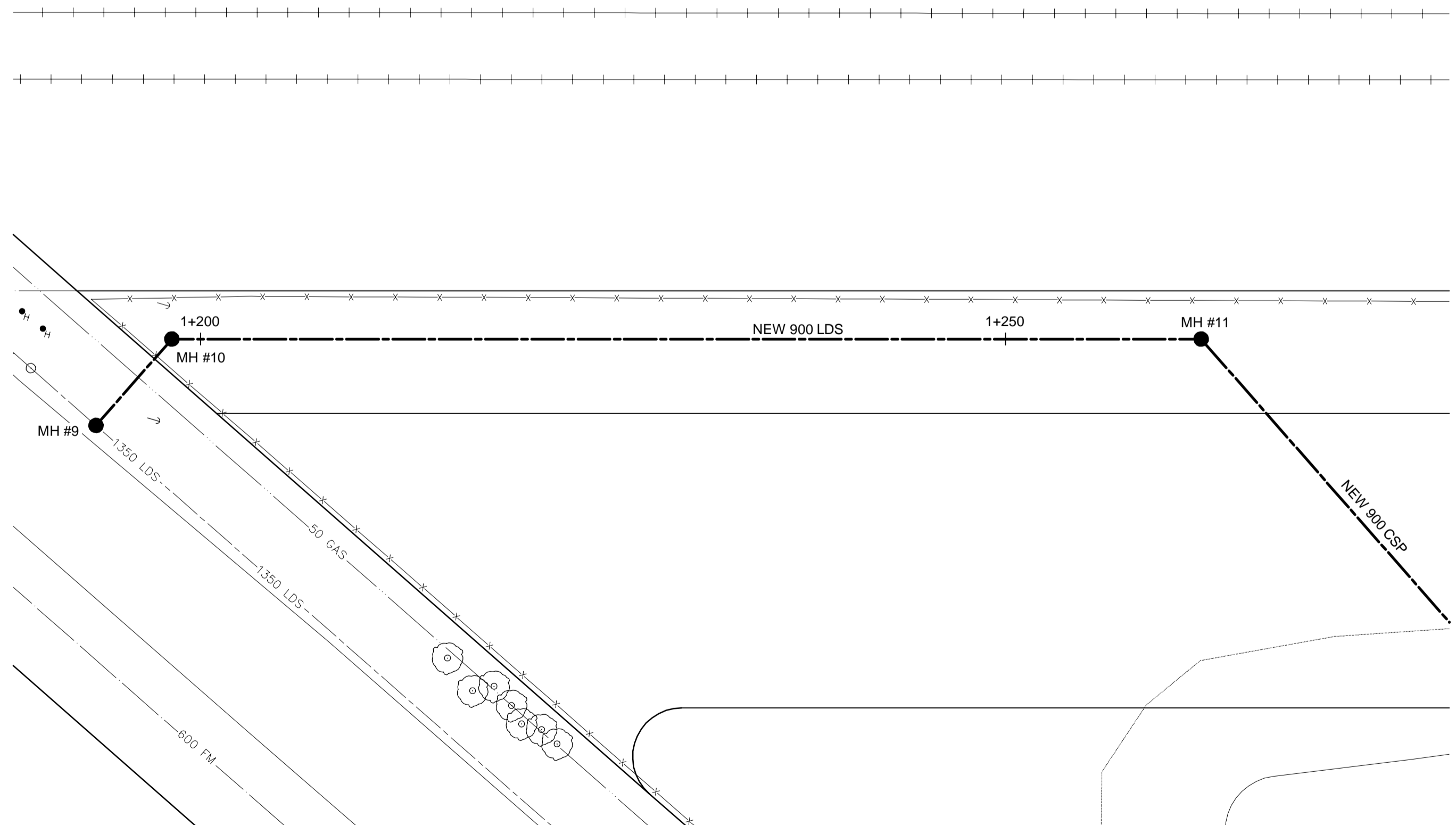


**CONSTRUCTION NOTES:**

- ALL PVC PIPE SHALL HAVE CLASS B-TYPE 3 BEDDING AND ALL CONCRETE PIPE SHALL HAVE CLASS B-SAND BEDDING.
- ALL BACKFILL TO BE CLASS 3.
- CB LEADS 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.
- INSTALL 150 mm SUB DRAIN IN BOTH DIRECTIONS OF CATCH BASINS ALONG PAVEMENT EDGE AS PER SD-245 AND CAP ENDS.



NOTE:  
SIGNIFICANT CHANGES TO THE LDS DESIGN WERE MADE FOR ADDENDUM NO. 3 PLEASE REVIEW ALL ASPECTS OF PLAN/PROFILES

**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.



Certificate of Authorization  
**Dillon Consulting Limited (MB)**  
No. 1789 Date: 01/14/2014

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150 WM	WATERMAIN	150 WM	HYDRO	HYDRO	HYDRO	150 WM	WATERMAIN	150 WM
+	HYDRANT	+	MTS	MTS	+	+	HYDRANT	+
+	VALVE	+	MTS	MTS	+	+	VALVE	+
300 LDS	LAND DRAINAGE SEWER	300 LDS	---	---	300 LDS	---	LAND DRAINAGE SEWER	300 LDS
250 WWS	WASTE WATER SEWER	250 WWS	---	---	250 WWS	---	WASTE WATER SEWER	250 WWS
○	MANHOLE	●	---	---	---	---	MANHOLE	○
□	CATCH BASIN	■	---	---	---	---	CATCH BASIN	□
▽	CURB INLET	▽	---	---	---	---	CURB INLET	▽
+	JUNCTIONS	+	---	---	---	---	JUNCTIONS	+
+	CULVERT	+	---	---	---	---	CULVERT	+
100 GAS	GAS	100 GAS	---	---	---	---	GAS	100 GAS
---	EXISTING	---	---	---	---	---	LEGEND-PLAN	---
---	LEGEND-PLAN	---	---	---	---	---	LEGEND-PROFILE	---

UNDERGROUND STRUCTURES	B.M. ELEV.
SUPV. U/G STRUCTURES	DATE
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 WITH CONSTRUCTION.	

DESIGNED BY	JMS/MRD	WPN
DRAWN BY	TJH	
CHECKED BY	JNC	
APPROVED BY	DPK	
HOR. SCALE	1:250	
VERTICAL	1:50	
DATE	01/14/2014	

4	ISSUED FOR ADDENDUM NO. 3	01/14/14	JNC
3	ISSUED FOR TENDER	12/16/13	JNC
2	ISSUED FOR REVIEW	07/22/13	JNC
1	ISSUED FOR REVIEW	06/21/13	JNC
NO.	REVISIONS	DATE	BY

**DILLON CONSULTING**

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
ORIGINAL STAMPED BY  
**W.P. NAIRN**  
01/14/2014  
Member  
34277  
REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

PANET ROAD/MOLSON STREET  
RECONSTRUCTION AND TWINNING

CITY DRAWING NUMBER  
P-3350-38

SHEET OF  
38 OF 47

CONSULTANT PROJECT NUMBER  
12-7055

CONSULTANT DRAWING NUMBER  
LDS - CALLSBECK (2 OF 3)