



- CONSTRUCTION NOTES:**
- ALL DIMENSIONS ARE TO BACK OF CURB.
 - ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
 - LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS.
 - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
 - LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 - CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
 - ADJUST EXISTING CATCH BASINS AND MANHOLES AND ISOLATE AS PER SD-220A.
 - PROTECT EXISTING LEGAL PINS IN NEW PAVEMENT UTILIZING A WATER VALVE INSERT. GRIND OFF SYMBOL ON COVER.
 - SEE P-3350-27 THROUGH 31 FOR TYPICAL CROSS-SECTIONS.
 - CONTRACTOR SHALL INSTALL MODIFIED BARRIER CURB (SD-203B) ON ALL PRIVATE APPROACH AND PUBLIC APPROACH RADII AS IDENTIFIED BY THE CONTRACT ADMINISTRATOR.
 - CONTRACTOR SHALL CONSTRUCT BARRIER CURB INTEGRAL WITH CONCRETE SLAB (SD-204) AND SEPARATE CONCRETE SPLASH STRIP (SD-223B) ON ALL SECTIONS OF ROADWAY WHERE THE CURB IS PARALLEL TO THE ROADWAY BASELINE GEOMETRY.
 - CONCRETE PAVEMENT IN MINOR STREET APPROACHES, PRIVATE APPROACHES AND MEDIAN OPENINGS SHALL BE HAND PLACED WITH INTEGRAL CURB CONSTRUCTION (SD-203A OR SD-203B AS SPECIFIED). MAIN LINE CONCRETE PAVEMENT SHALL BE SLIP FORMED UNLESS OTHERWISE REQUIRED DUE TO TRAFFIC STAGING RESTRICTIONS.
 - INSTALL 150 mm SUB DRAIN IN BOTH DIRECTIONS OF CATCH BASINS ALONG PAVEMENT EDGE AS PER SD-245 AND CAP ENDS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMAL 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.

#	DESCRIPTION	RIM ELEV.	BTM ELEV.	LEAD INV.
9	CATCH PIT - NB GUTTER	230.591	228.331	228.931
10	CATCH BASIN - NB GUTTER	230.593	228.333	228.933
11	CATCH BASIN - EAST BLVD	230.650	228.390	228.990
12	CATCH BASIN - EAST BLVD	230.850	228.590	229.190
13	CATCH BASIN - EAST BLVD	230.800	228.540	229.140
14	CATCH BASIN - EAST BLVD	230.400	228.140	228.740
15	CATCH BASIN - EAST BLVD	230.400	228.140	228.740
16	CATCH BASIN - EAST BLVD	230.800	228.540	229.140
17	CATCH BASIN - EAST BLVD	230.800	228.540	229.140

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM	HYDRO	HYDRO	150 WM	WATERMAIN	150 WM	WATERMAIN
300 LDS	HYDRANT VALVE	300 LDS	M.T.S.	M.T.S.	300 LDS	HYDRANT VALVE	300 LDS	HYDRANT VALVE
250 WWS	LAND DRAINAGE SEWER	250 WWS	CONCRETE	CONCRETE	250 WWS	LAND DRAINAGE SEWER	250 WWS	LAND DRAINAGE SEWER
	WASTE WATER SEWER		ASPHALT	ASPHALT		WASTE WATER SEWER		WASTE WATER SEWER
	MANHOLE		PLANNING	PLANNING		WASTE WATER SEWER		WASTE WATER SEWER
	CATCH BASIN		SIDEWALK	SIDEWALK		MANHOLE		MANHOLE
	CURB INLET		PAVING STONES	PAVING STONES		CATCH BASIN		CATCH BASIN
	JUNCTIONS		PARTIAL DEPTH REPAIR	PARTIAL DEPTH REPAIR		CURB INLET		CURB INLET
	CULVERT		PROPERTY LINE	PROPERTY LINE		JUNCTIONS		JUNCTIONS
100 GAS	GAS	100 GAS	DRAINAGE ARROW	DRAINAGE ARROW	100 GAS	CULVERT		CULVERT
			CURB RAMP	CURB RAMP		100 GAS		100 GAS

UNDERGROUND STRUCTURES

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.

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	JMS/MRD
DRAWN BY	TJH
CHECKED BY	JNC
APPROVED BY	DPK

DILLON CONSULTING

RELEASED FOR CONSTRUCTION

DATE

ENGINEER'S SEAL

PROVINCE OF MANITOBA

REGISTERED PROFESSIONAL ENGINEER

J.N. CRANG

12/16/2013

CONSULTANT PROJECT NUMBER

12-7055

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Winnipeg

PANET ROAD/MOLSON STREET
RECONSTRUCTION AND TWINNING

CITY DRAWING NUMBER
P-3350-18

SHEET OF
18 OF 45

CONSULTANT DRAWING NUMBER

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