



CAUTION: GAS MAIN PRESENT. ELEVATION AND LOCATION TO BE VERIFIED PRIOR TO THE WORK COMMENCING. SEE SPECIFICATIONS FOR FURTHER DETAILS.

REMOVE AND REPLACE EX. 300Ø CSP CB LEAD w/ 9.8m-300Ø PVC SDR35 SEWER PIPE

REMOVE EX. CATCH BASIN AND INSTALL 1800 CB (SD-024) c/w STANDARD FRAME (AP-006) AND STANDARD GRATED COVER (AP-008) RIM ELEV =235.824 300 S INV =234.174 BOT ELEV =233.574

S-MH 60000703 GROUT CRACKED RISER UNDER MH FRAME

S-MA 70088885 40.5m-450 LDS TO BE TELEVIEWED PRIOR TO CONSTRUCTION

S-MA 70088886 38.6m-450 LDS TO BE TELEVIEWED PRIOR TO CONSTRUCTION

CUT, REMOVE AND PLUG PREVIOUSLY ABANDONED HYDRANT ASSEMBLY 1.0m BELOW EXISTING GRADE. REMOVE EXISTING VALVE BOX AND VALVE STEM.

REMOVE EX. CATCH PIT AND INSTALL NEW CATCH PIT (SD-023) c/w STANDARD FRAME (AP-006) AND STANDARD GRATED COVER (AP-008) RIM ELEV =233.655 250 W INV =234.755

REMOVE EX. CATCH BASIN AND INSTALL 1800 CB (SD-024) c/w STANDARD FRAME (AP-006) AND STANDARD GRATED COVER (AP-008) RIM ELEV =233.645 250 NW INV =234.00± 250 E INV =234.700 BOT ELEV =233.400. CONNECT TO EX. NW CB LEAD.

INSTALL 1.5m-250 DRAINAGE CONNECTION PIPE MIN. 2.0% GR.

2.2m OF 250Ø SDR35 PVC SEWER REPAIR (SD-022A) 10.0m NE OF CB-60000739 TO 12.2m NE OF CB-60000739

0.8m OF 200Ø SDR35 PVC SEWER REPAIR (SD-022A) 1.4m S OF CB TO 2.2m S OF CB

ONLINE RENEWAL OF 32.7m-450Ø CSP w/ 450Ø SDR35 PVC SEWER PIPE

REMOVE EX. CATCH PIT AND INSTALL 1200 CB (SD-024) c/w BARRIER CURB FRAME (AP-011) RIM ELEV =235.675 250 N INV =235.03± BOT ELEV =234.43 CONNECT TO EX. N CB LEAD.

REMOVE AND REPLACE 10.7m-250Ø CSP

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
 SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

NOTES:

- ADJUST ALL MANHOLE, CATCH BASIN, CATCH PIT AND GATE VALVES TO PROPOSED GRADES.
- CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES / SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
- HYDRANT BARREL EXTENSIONS TO INCLUDE BARREL EXTENSION, STEM EXTENSIONS, STEM COUPLINGS, BREAK AWAY FLANGES OR KITS, RUBBER SEALS, FLANGE GASKETS AND FASTENERS REQUIRED TO RAISE EXISTING HYDRANT FLANGE ELEVATIONS.

WATERMAIN		M.T.S.		PROFILE	
150 WM	150 WM	GLAS GRID	XXXXXX	NORTH OR WEST GUTTER	----
HYDRANT	+	CONCRETE	=====	SOUTH OR EAST GUTTER	----
VALVE	⊕	ASPHALT	=====	NORTH MEDIAN GUTTER	----
300 LDS	300 LDS	SIDEWALK	=====	SOUTH MEDIAN GUTTER	----
LAND DRAINAGE SEWER	---	ASPHALT MILL & FILL	=====	NORTH OR WEST PL	----
WASTE WATER SEWER	---	STREET LIGHT	●	SOUTH OR EAST PL	----
250 WWS	250 WWS	HYDRO POLE	●		
MANHOLE	○	SURVEY BAR	●		
CATCH BASIN	■	ELEVATION	(32.231)		
HYDRO	---	SIDEWALK RAMP	=====		
GAS	---				
TRANSIT STOP	(31.334)				
PROPERTY LINE	---				
LEGEND-PLAN	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. / U/G STRUCTURES COMMITTEE	DATE

NOTE:
 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.

B.M. ELEV.	NO.	REVISIONS	DATE	BY

Stantec
 500 - 311 Portage Avenue, Winnipeg MB Canada
 www.stantec.com

DESIGNED BY	R.S.	CHECKED BY	R.S.
DRAWN BY	O.S.	APPROVED BY	R.S.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:		DATE	2020/02/10

ENGINEER'S SEAL

PRELIMINARY DRAWING

NOT TO BE USED FOR CONSTRUCTION

CONSULTANT DRAWING NO. U207

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

ROBLIN BOULEVARD PAVEMENT RENEWAL

ROBLIN BOULEVARD
 STA 3+430 TO STA 3+810
 MUNICIPAL UTILITIES

SHEET	39	OF	50
CAD FILE DRAWING NUMBER	08080u-204.dwg		
CITY DRAWING NUMBER	P-3528-39		

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