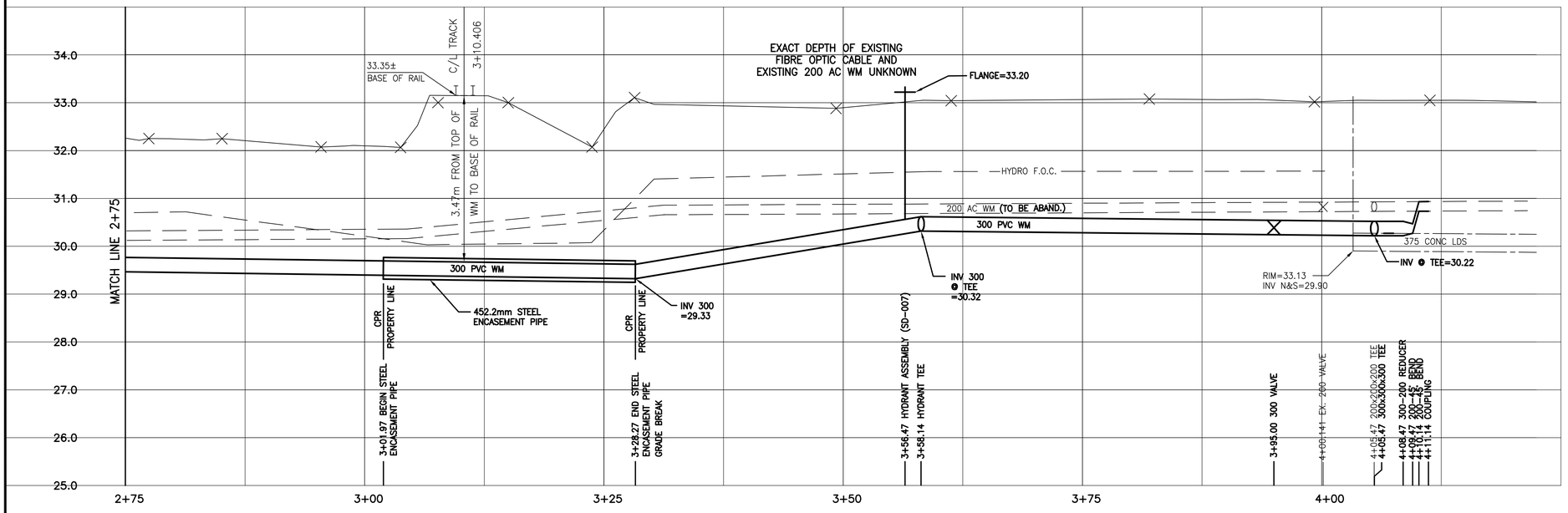
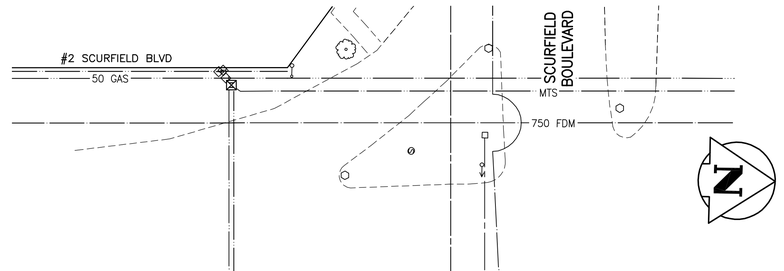
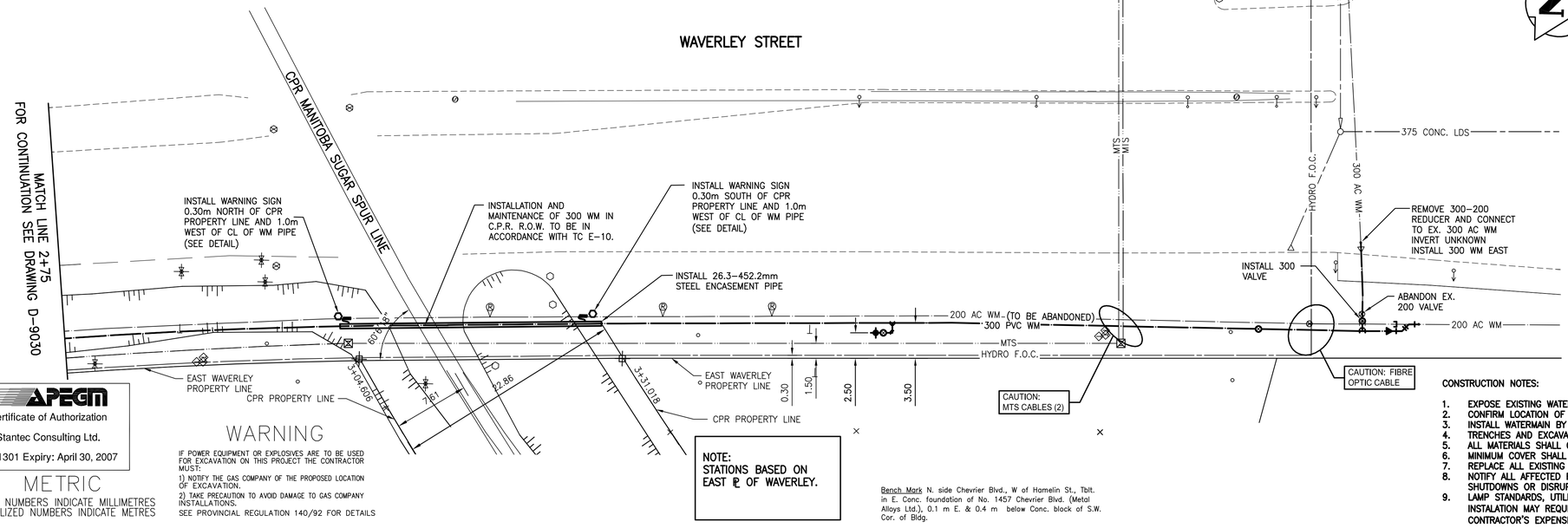


WATER SERVICE INFORMATION

ADDRESS & SERVICE	SIZE (mm) & TYPE (STREET)	STOP COCK SHORT & LONG MEASUREMENT	CORPORATION LOCATION	REMARKS
2 SCURFIELD BOULEVARD RESIDENTIAL	38 COPPER	49.07m E HYD 2ND W/WAVERLEY	N/A	200mm FIRE SERVICE 48.77m E HYD 2ND W OF WAVERLEY





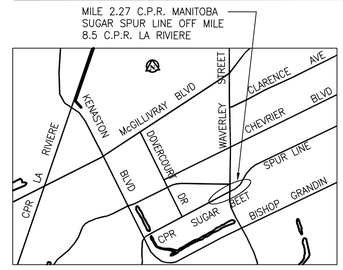
NOTE:
STATIONS BASED ON
EAST ℄ OF WAVERLEY.

Bench Mark N. side Chevrier Blvd., W of Hamelin St., Tblt. in E. Conc. foundation of No. 1457 Chevrier Blvd. (Metal Alloys Ltd.), 0.1 m E. & 0.4 m below Conc. block of S.W. Cor. of Bldg.

OWNER CONTACT INFORMATION
CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
KAS ZUREK, P. ENG.
DESIGN AND CONSTRUCTION ENGINEER
1500 PLESSIS ROAD
WINNIPEG, MB
R2C 5G6
TEL:(204) 986-2025
FAX:(204) 986-5345

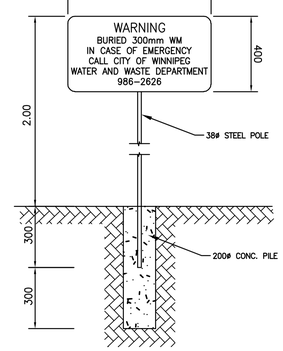
WATER CARRIER PIPE INFO FOR C.P.R. CROSSING
DIAMETER – 300mm
MATERIAL – PVC
WALL THICKNESS 18.6mm
PIPE CLASS – AWWA C900 DR18
SURGE PRESSURE = 300 PSI (2.0MPa)
OPERATING PRESSURE = 60 PSI (0.4MPa)
TEST PRESSURE = 150 PSI (1.0 MPa)
INSTALLATION METHOD – CORED

ENCASEMENT PIPE INFO
DIAMETER – 452.2mm
MATERIAL – BLACK STEEL ASTM A35
WALL THINCKNESS – 6.35mm
YIELD STRENGTH – 241 MPa



KEY PLAN
SCALE
N.T.S.

NOTE:
C/L OF PROPOSED 300
WM CROSSING TRACKS
TO SOUTH ℄ OF
SCURFIELD BLVD.=90.1m



WARNING SIGN DETAIL
NTS

CONSTRUCTION NOTES:

1. EXPOSE EXISTING WATERMAIN AND CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. CONFIRM LOCATION OF ALL SERVICES.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METER OF PAVED AREAS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM TO CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
6. MINIMUM COVER SHALL BE 2.4m.
7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED MAIN TO PL.
8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTIONS OF SERVICE.
9. LAMP STANDARDS, UTILITY POLES AND ANCHORS IN CONFLICT WITH PROPOSED WATERMAIN INSTALATION MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Expiry: April 30, 2007

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:
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

EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PLAN	PROPOSED	EXISTING	LEGEND–PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM		HYDRO		150 WM	WATERMAIN	150 WM
✧	HYDRANT	✦		M.T.S.		⊥ , ⊗	HYDRANT, VALVE	⊥
⊗	VALVE	⊗		CONCRETE		300 LDS	LAND DRAINAGE SEWER	300 LDS
300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT		250 WWS	WASTE WATER SEWER	250 WWS
250 WWS	WASTE WATER SEWER	250 WWS		SIDEWALK			EX. GROUND PROFILE	
○	MANHOLE	●		PROPERTY LINE		□	NORTH OR WEST GUTTER	
□	CATCH BASIN	■	⊕	SURVEY BAR	⊕	○	SOUTH OR EAST GUTTER	
▽	CURB INLET	▼		DITCH		◇	NORTH OR WEST ℄	
	JUNCTIONS		31.334	ELEVATION	32.231	○	SOUTH OR EAST ℄	
○	SIGN			CURB STOP		△	NORTH OR WEST DITCH	
	GAS			ANODE		▽	SOUTH OR EAST DITCH	

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. 65-027
ELEV. 233.449m

NO.	REVISIONS	DATE	BY
1	REVISED ENCASEMENT PIPE CHAINAGE	06.06.15	

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	JKH	CHECKED BY	WWB
DRAWN BY	JKH	APPROVED BY	HAK
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50		
DATE	06.06.01	DATE	

ENGINEER'S SEAL
ORIGINAL
SEALED BY
H.A. KATZ
P. ENG.
JUNE 5, 2006

CONSULTANT DRAWING NO.
C-208

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2006 WATERMAIN RENEWALS
WAVERLEY STREET
AUTOMALL ENTRANCE EAST TO SCURFIELD BOULEVARD
STA 2+75 TO STA 4+10

SHEET 8 OF 11
CAD FILE DRAWING NUMBER
09010C-208675.dwg
CITY DRAWING NUMBER
D-9031

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2006-06-15 03:49PM By: bmcnabb

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