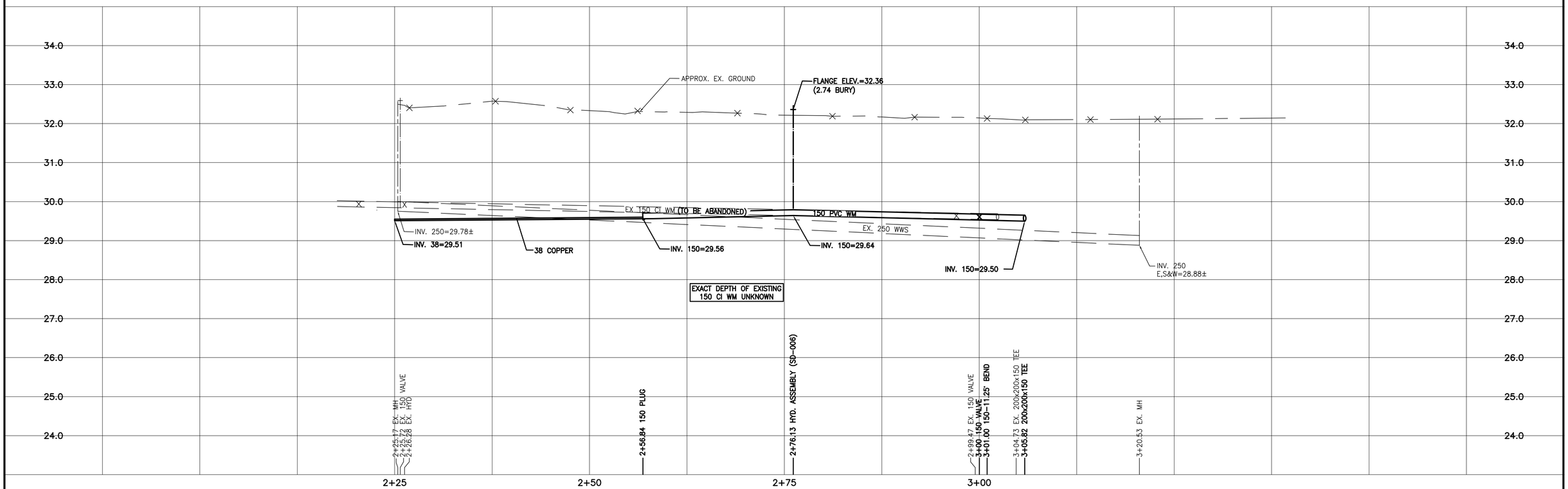

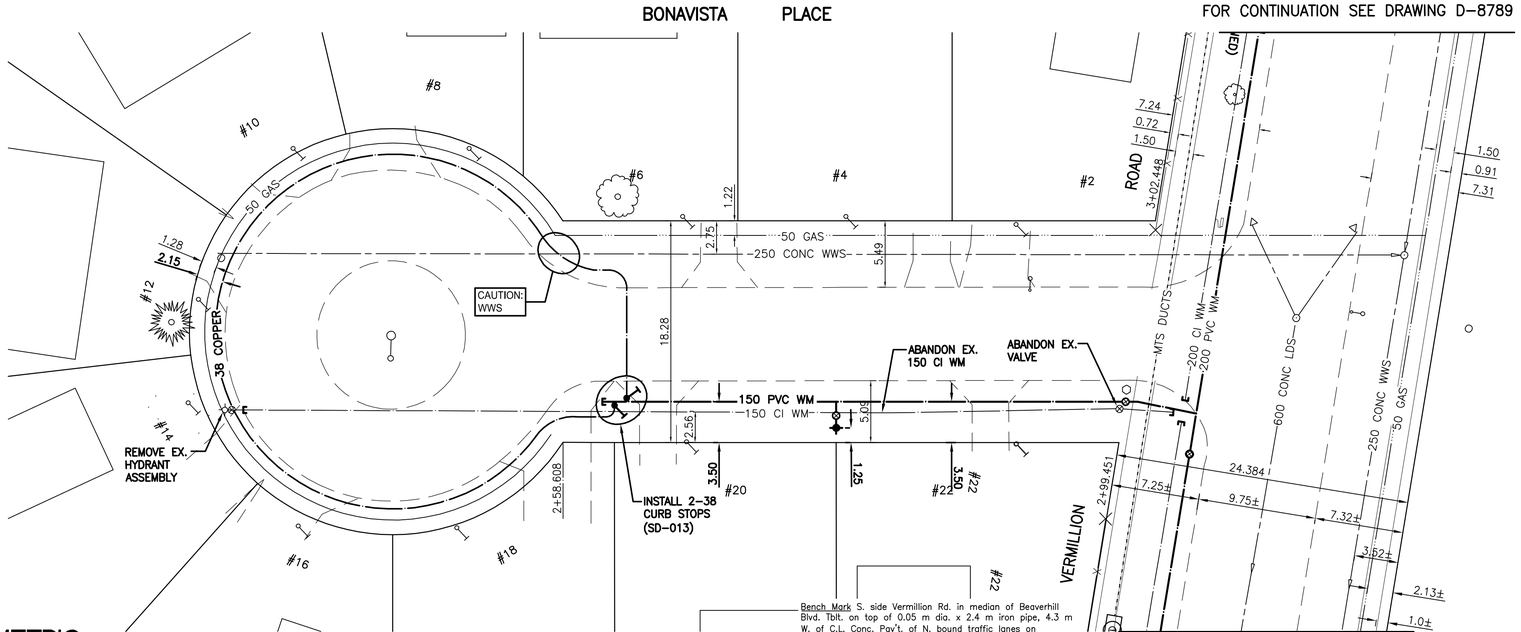

ADDRESS AND SERVICE	SIZE (mm) & TYPE (STREET)	STOP COCK SHORT & LONG MEASUREMENT (m)	CORPORATION LOCATION
2 BONAVISTA PLACE RESIDENTIAL	19 COPPER	5.28 NSLL 11.49 SSL OF VERMILLION RD	N/A
4 BONAVISTA PLACE RESIDENTIAL	19 COPPER	8.76 SNLL 25.53 SSL OF VERMILLION RD	N/A
6 BONAVISTA PLACE RESIDENTIAL	19 COPPER	4.56 SNLL 38.99 SSL OF VERMILLION RD	N/A
8 BONAVISTA PLACE RESIDENTIAL	19 COPPER	4.47 SNLL 56.59 SSL OF VERMILLION RD	N/A
10 BONAVISTA PLACE RESIDENTIAL	19 COPPER	4.52 SNLL 71.10 SSL OF VERMILLION RD	N/A
12 BONAVISTA PLACE RESIDENTIAL	19 COPPER	4.56 EWLL 78.92 SSL OF VERMILLION RD	N/A
14 BONAVISTA PLACE RESIDENTIAL	19 COPPER	3.93 EWLL 76.76 SSL OF VERMILLION RD	N/A
16 BONAVISTA PLACE RESIDENTIAL	19 COPPER	4.83 NSLL 67.70 SSL OF VERMILLION RD	N/A
18 BONAVISTA PLACE RESIDENTIAL	19 COPPER	5.31 NSLL 54.62 SSL OF VERMILLION RD	N/A
20 BONAVISTA PLACE RESIDENTIAL	19 COPPER	5.94 NSLL 35.67 SSL OF VERMILLION RD	N/A
22 BONAVISTA PLACE RESIDENTIAL	19 COPPER	8.48 NSLL 8.48 SSL OF VERMILLION RD	N/A

CONSTRUCTION NOTES:
1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
2. CONFIRM LOCATION OF ALL SERVICES IN THE FIELD.
3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING SIDEWALKS SHALL BE CLASS 3 BACKFILL.
5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
6. MINIMUM COVER SHALL BE 2.4m.
7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO PL.
8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Expiry: April 30, 2006

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

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 P.	
	JUNCTIONS		31.334	ELEVATION	(32.231)	⬡	SOUTH OR EAST P.	
○	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. 55-034
ELEV. 232.985m

Bench Mark S. side Vermillion Rd. in median of Beaverhill Blvd. Tblt. on top of 0.05 m dia. x 2.4 m iron pipe, 4.3 m W. of C.L. Conc. Pav't. of N. bound traffic lanes on Beaverhill Blvd. & 12.4 m S. of C.L. Conc. Pav't. on Vermillion Rd., or 16.8 m E. of W.L. of Beaverhill Blvd. produced from the N. & on the E.L. of Vermillion Rd. produced from the W.

NO.	REVISIONS	DATE	BY
1.	ISSUED FOR TENDER	05.06.23	C.L.D.

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

DESIGNED BY	J.H.	CHECKED BY	C.L.D./W.B.
DRAWN BY	K.R.	APPROVED BY	C.L.D.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION: K. ZUREK P. ENG.	
VERTICAL:	1:50		
DATE	05/10/05	DATE	06.23.05

ENGINEER'S SEAL
ORIGINAL SEALED BY C.L. DYCK P. ENG. 06/23/05

CONSULTANT DRAWING NO.
CW-58-614

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2005 WATERMAIN RENEWALS
BONAVISTA PLACE

VERMILLION ROAD TO CUL-DE-SAC

STA. 2+20 TO STA. 3+06

SHEET	13 OF 15
CAD FILE DRAWING NUMBER	III20860-CI06.DWG
CITY DRAWING NUMBER	D-8791

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