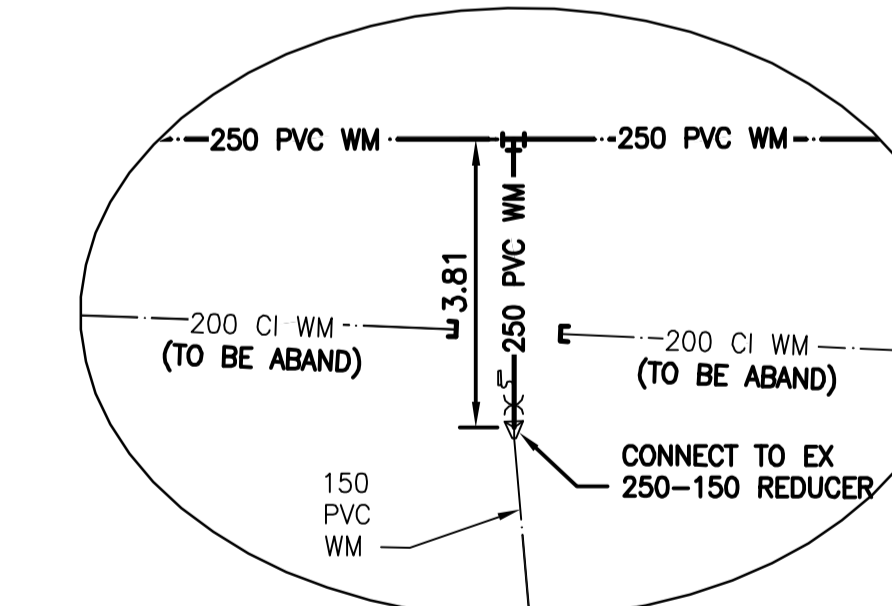


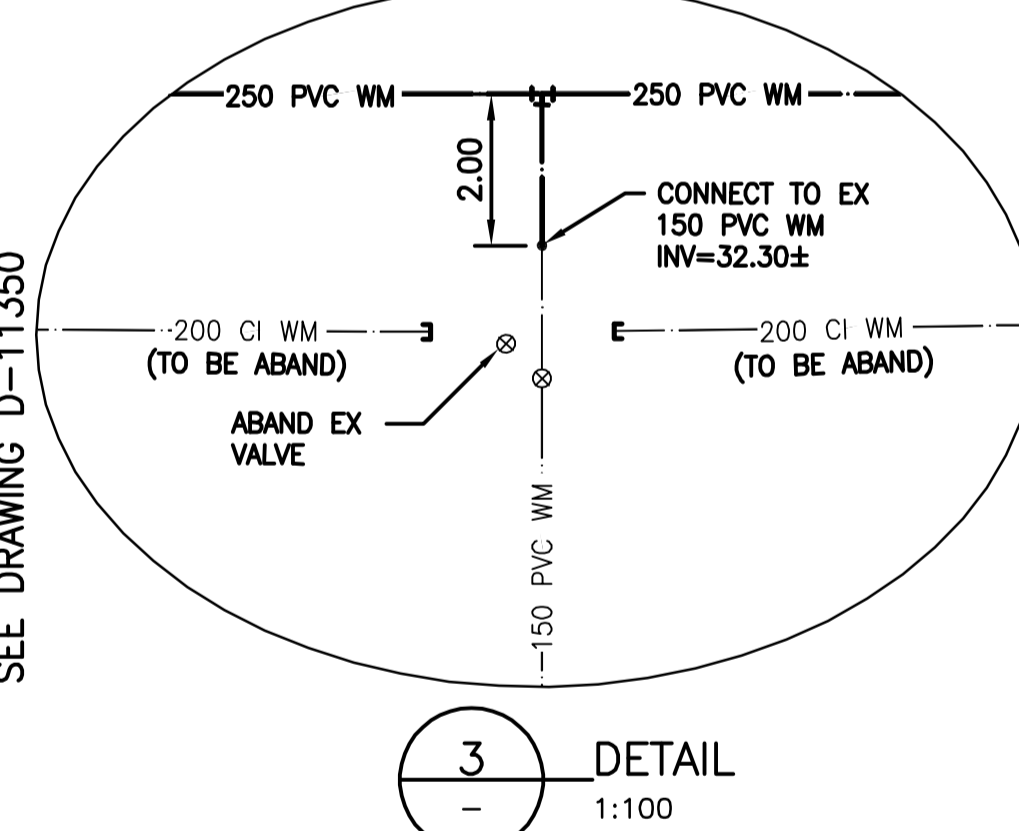
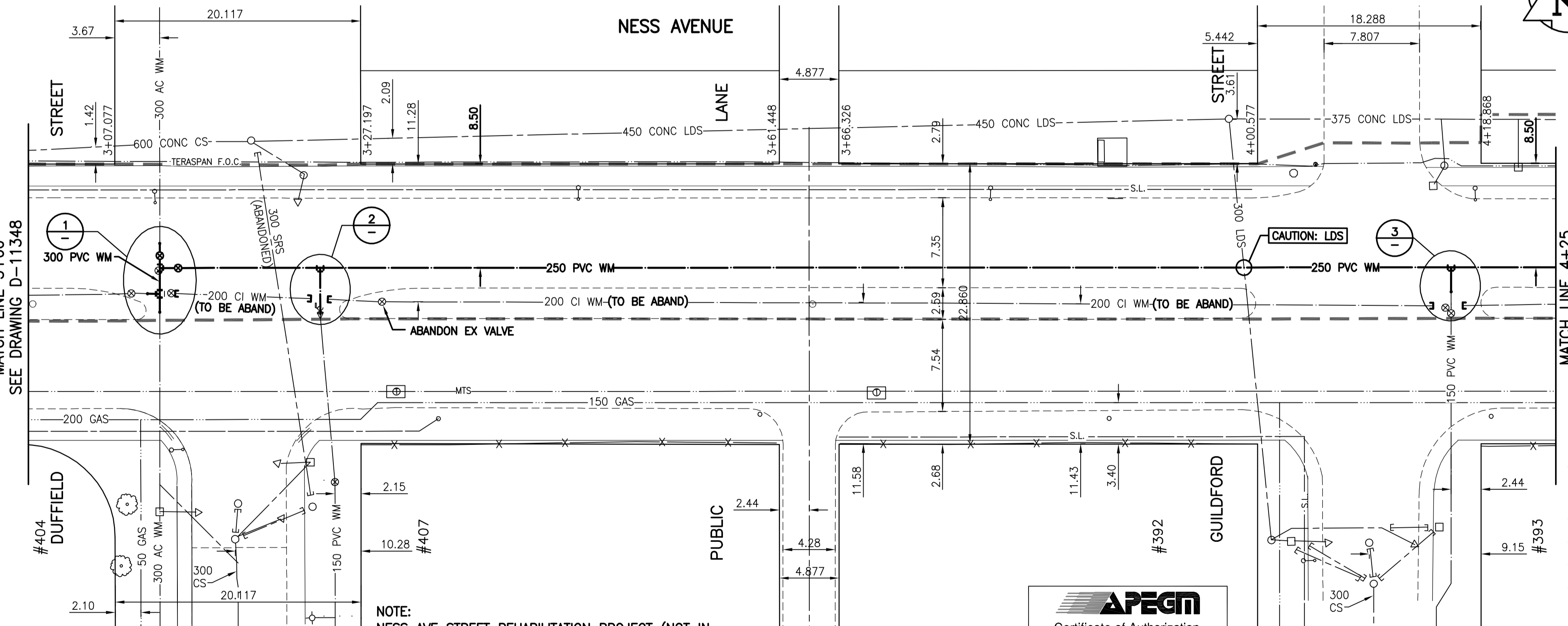
1 DETAIL
1:100



2 DETAIL
1:100



- NOTES:
- CONTRACTOR TO EXPOSE EXISTING WATERMANS WHERE TIE INS ARE LOCATED AND CONFIRM THE INVERTS OF THOSE TIE INS.
 - CONTRACTOR TO FOLLOW THE LATEST VERSION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATION.
 - WATERMANS TO BE INSTALLED BY TRENCHLESS METHODS.
 - CLASS 3 BACKFILL IS TO BE USED WHEN EXCAVATIONS ARE WITHIN 1 METER OF PAVED SURFACES.
 - CONTRACTOR TO NOTIFY BUSINESSES AND RESIDENTS A MINIMUM OF 24 HOURS PRIOR TO ANY DISRUPTIONS TO WATER SERVICE.



3 DETAIL
1:100

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

NOTE:
 NESS AVE STREET REHABILITATION PROJECT (NOT IN CONTRACT) TO BE DONE UNDER BID OPP. 396-2008. STREET REHABILITATION TO BE COMPLETED AFTER WATERMAIN RENEWAL PROJECT

BENCH MARK: 83+621 - N.E. cor. Ness Ave. & Woodlawn St., Tbt. on top of 0.05m dia. x 2.4m iron pipe, on N.L. of Ness Ave. & 1.2m W. of E.L. of Woodlawn St.

APEGM
 Certificate of Authorization
 Stantec Consulting Ltd.
 No. 1301 Expiry: April 30, 2009

BID OPPORTUNITY 391-2008

NOTE:
 STATIONS ALONG N R OF NESS AVE.

WATER SERVICE INFORMATION

ADDRESS	SIZE (mm) & TYPE (STREET)	DIST TO PROP	SHORT & LONG MEASUREMENT	CORP LOCATION	REMARKS
404 DUFFIELD ST. RESIDENTIAL	19 COPPER	16.76	0.3 SSL BUILDING	NO INFO	NO INFO
407 DUFFIELD ST. RESIDENTIAL	19 COPPER	3.35	2.7 SSL BUILDING	3.5 N S/C	-
392 GUILD FORD ST. RESIDENTIAL	19 COPPER	15.85	0.2 SSL BUILDING	19.5 N OF 1ST HYD N NESS	APR/01-RENEWED SERVICE BOX
393 GUILD FORD ST. RESIDENTIAL	19 COPPER	2.44	0.3 NSL BUILDING	18.0 N OF 1ST HYD N NESS	-

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 2008-05-08 09:25:00 By: wprnak

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	150 WM	WATERMAIN	150 WM	HYDRANT	VALVE	300 LDS
300 LDS	LAND DRAINAGE SEWER	300 LDS	ASPHALT	250 WWS	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER	250 WWS	MANHOLE	CATCH BASIN	CURB INLET
250 WWS	WASTE WATER SEWER	250 WWS	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE
			SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR	SURVEY BAR
			DITCH	DITCH	DITCH	DITCH	DITCH	DITCH	DITCH	DITCH	DITCH
			CURB STOP	CURB STOP	CURB STOP	CURB STOP	CURB STOP	CURB STOP	CURB STOP	CURB STOP	CURB STOP
			TREE	TREE	TREE	TREE	TREE	TREE	TREE	TREE	TREE
			FENCE	FENCE	FENCE	FENCE	FENCE	FENCE	FENCE	FENCE	FENCE

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.	38-056	234.748m
NO.	REVISIONS	DATE

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

DESIGNED BY	J.K.H.	CHECKED BY	H.A.K.
DRAWN BY	T.G.	APPROVED BY	H.A.K.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:	1:50	DATE	

PROVINCE OF MANITOBA
H.A. KATZ
 REGISTERED PROFESSIONAL ENGINEER
 CONSULTANT DRAWING NO. C-203

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2008 WATERMAIN RENEWALS, SEWER RENEWALS AND EXTERNAL POINT REPAIRS - CONTRACT 7
NESS AVENUE
 MOORGATE STREET TO BELVIDERE STREET
 STA. 3+00 TO STA. 4+25
 WATERMAIN RENEWAL

SHEET 3 OF 26
 CAD FILE DRAWING NUMBER 10340c-201-702.dwg
 CITY DRAWING NUMBER D-11349