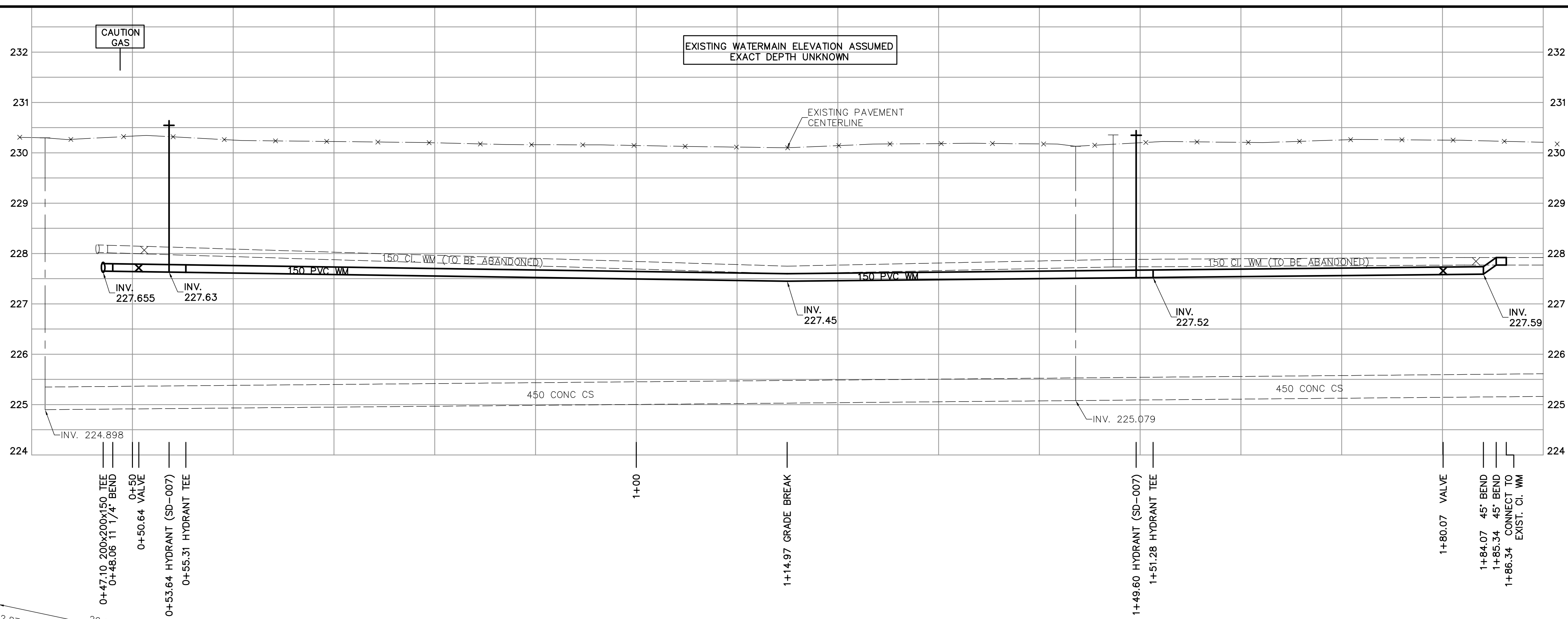
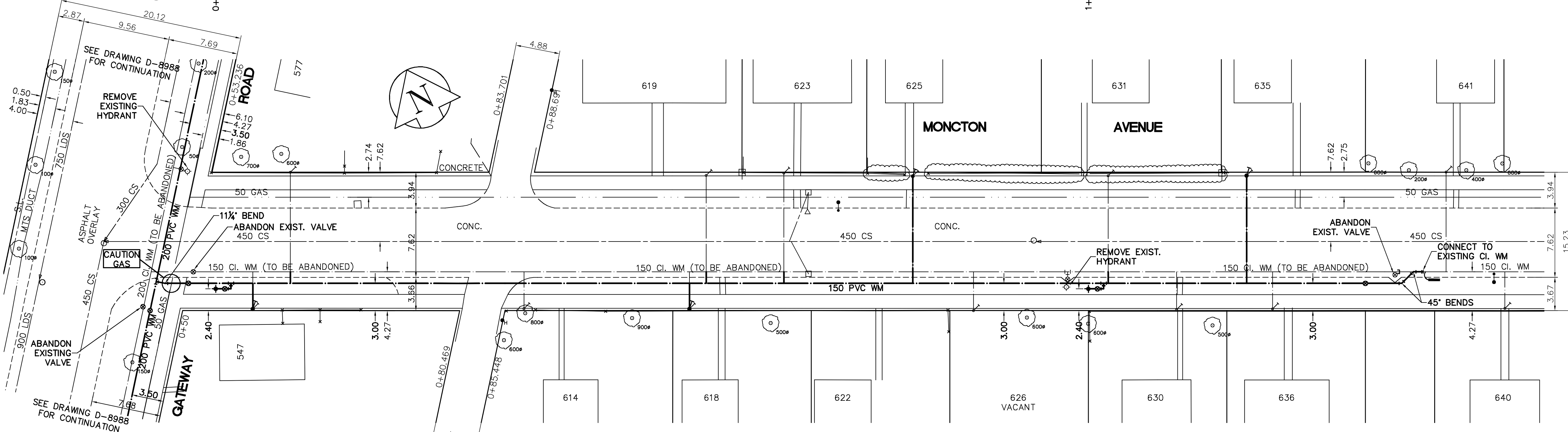


SHEET: COW-WM-A1 (11/2002) FILE NAME: L:\Work\10000\102736\102736-CAD\Drawings\102736-C03.dwg LAYOUT NAME: 92736-C03 May 08, 2006 - 11:30am PLOTTED BY: michael.hendricks



- CONSTRUCTION NOTES**
1. EXPOSE WATERMAIN CONNECTIONS AND CONFIRM INVERTS PRIOR TO CONSTRUCTION.
 2. INSTALL WATERMAIN BY TRENCHLESS METHODS.
 3. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 4. MINIMUM COVER TO TOP OF PROPOSED WATERMAIN SHALL BE 2.5m FROM STREET CENTERLINE.
 5. INSTALL ALL HYDRANTS WITH FLANGE ELEVATION 50mm - 150mm ABOVE FINISHED GRADE.
 6. REPLACE ALL EXISTING LEAD SERVICES FROM THE PROPOSED WATERMAIN TO PROPERTY LINE.
 7. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWN OR DISRUPTION OF SERVICE.
 8. LOCATION OF WATER SERVICES SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD LOCATE ALL WATER SERVICES PRIOR TO CONSTRUCTION.
 9. ALL VALVES SHALL BE RED TOP (COUNTER CLOCKWISE TO CLOSE).
 10. ALL BACKFILL SHALL BE CLASS 3.



ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS:
626 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.0 m	Long: 2.1 m E of WL BLDG Short: 0.3 m E of WL BLDG	Long: 0.3 m E of S/C Short: 17.2 m W of HYDRANT	VACANT
625 MONCTON AV	RESIDENTIAL	13 mm	LEAD	0.3 m	Long: 3.0 m E of WL BLDG Short: 0.3 m E of WL BLDG	Long: 17.2 m W of HYDRANT Short: 30.5 m W of HYDRANT	RENEW TO PL
623 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.3 m	Long: 3.7 m E of WL BLDG Short: 0.3 m E of WL BLDG	Long: 30.5 m W of HYDRANT Short: 27.4 m W of HYDRANT	
622 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.0 m	Long: 1.2 m E of WL BLDG Short: 0.3 m E of WL BLDG	Long: 27.4 m W of HYDRANT Short: 41.9 m W of HYDRANT	
619 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.3 m	Long: 2.9 m E of WL BLDG Short: 0.3 m E of WL BLDG	Long: 39.6 m W of HYDRANT Short: 41.9 m W of HYDRANT	RENEW TO PL
618 MONCTON AV	RESIDENTIAL	13 mm	LEAD	0.3 m	Long: 0.8 m E of WL BLDG Short: 0.3 m E of WL BLDG	Long: 41.9 m W of HYDRANT Short: 0.6 m W of S/C	
614 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.2 m	Long: 1.8 m W of WL BLDG Short: 0.6 m W of S/C	Long: 0.6 m W of S/C Short: 0.6 m W of S/C	

ADDRESS	NATURE OF SERVICE	SIZE	MATERIAL	DISTANCE SC TO PROPERTY	POSITION OF SC (curb stop)	POSITION OF CC (corp)	COMMENTS:
641 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.0 m	Long: 1.2 m E of WL BLDG Short: 3.7 m W of EL BLDG	Long: 41.0 m E of HYDRANT Short: 48.2 m E of HYDRANT	
640 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.3 m	Long: 3.7 m W of EL BLDG Short: 3.0 m E of WL BLDG	Long: 22.6 m E of HYDRANT Short: 20.1 m E of HYDRANT	RENEW TO PL
636 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.2 m	Long: 3.0 m E of WL BLDG Short: 1.4 m W of EL BLDG	Long: 20.1 m E of HYDRANT Short: 4.6 m E of HYDRANT	
635 MONCTON AV	RESIDENTIAL	13 mm	LEAD	0.3 m	Long: 1.4 m W of EL BLDG Short: 1.8 m E of WL BLDG	Long: 4.6 m E of HYDRANT Short: 13.1 m E of HYDRANT	
631 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.3 m	Long: 1.8 m E of WL BLDG Short: 1.5 m W of EL BLDG	Long: 13.1 m E of HYDRANT Short: 6.9 m E of VALVE BOX	
630 MONCTON AV	RESIDENTIAL	19 mm	COPPER	0.3 m	Long: 1.5 m W of EL BLDG Short: 3.6 m E of WL BLDG	Long: 6.9 m E of VALVE BOX Short: 3.7 m E of WL BLDG	
577 GATEWAY RD	RESIDENTIAL	13 mm	COPPER	0.0 m	Long: 3.6 m E of WL BLDG Short: 3.7 m E of WL BLDG	Long: 10.5 m E of GATE VALVE Short: 6.9 m E of VALVE BOX	RENEW TO PL
547 GATEWAY RD	RESIDENTIAL	13 mm	LEAD	0.2 m	Long: 3.7 m E of WL BLDG Short: 3.7 m E of WL BLDG	Long: 6.9 m E of VALVE BOX Short: 0.6 m W of S/C	

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	150 mm W.M.	WATERMAIN	150 mm W.M.
Hydrant Valve	HYDRANT VALVE	Hydrant Valve	Hydrant Valve	HYDRANT VALVE	Hydrant Valve
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.
Manhole	MANHOLE	Manhole	Manhole	MANHOLE	Manhole
Catch Basin	CATCH BASIN	Catch Basin	Catch Basin	CATCH BASIN	Catch Basin
Curb Inlet	CURB INLET	Curb Inlet	Curb Inlet	CURB INLET	Curb Inlet
Junctions	JUNCTIONS	Junctions	Junctions	JUNCTIONS	Junctions
Culvert	CULVERT	Culvert	Culvert	CULVERT	Culvert
Gas	GAS	Gas	Gas	GAS	Gas
Hydro Telephone	HYDRO TELEPHONE	Hydro Telephone	Hydro Telephone	HYDRO TELEPHONE	Hydro Telephone
Concrete	CONCRETE	Concrete	Concrete	CONCRETE	Concrete
Asphalt	ASPHALT	Asphalt	Asphalt	ASPHALT	Asphalt
Property Line	PROPERTY LINE	Property Line	Property Line	PROPERTY LINE	Property Line
Survey Bar	SURVEY BAR	Survey Bar	Survey Bar	SURVEY BAR	Survey Bar
Curb Stop	CURB STOP	Curb Stop	Curb Stop	CURB STOP	Curb Stop
Tree	TREE	Tree	Tree	TREE	Tree
Anode	ANODE	Anode	Anode	ANODE	Anode
Concrete Sidewalk	CONCRETE SIDEWALK	Concrete Sidewalk	Concrete Sidewalk	CONCRETE SIDEWALK	Concrete Sidewalk
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.

NO.	REVISIONS	DATE	BY
B	ISSUED FOR TENDER	08/05/2006	GSK
A	ISSUED FOR REVIEW	02/05/2006	GSK

EARTH TECH
tyco INTERNATIONAL LTD. COMPANY
Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381

DESIGNED BY: GDL, GSK
CHECKED BY: GSK

DRAWN BY: MAF
APPROVED BY:

HOR. SCALE: 1:250
VERTICAL SCALE: 1:50

RELEASED FOR CONSTRUCTION BY: K. ZUREK

DATE: 2006/04/12
DATE: 2006/05/08

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED BY
K.W. FITCHETT
08/05/2006
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

2006 WATERMAIN RENEWALS CONTRACT 1

MONCTON AVENUE GATEWAY ROAD TO 140m E. OF GATEWAY ROAD

SHEET 4 OF 9
CITY DRAWING NUMBER D-8986

CONSULTANT DRAWING NO. 92736-C03

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2007

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

0 10m 20m
SCALE