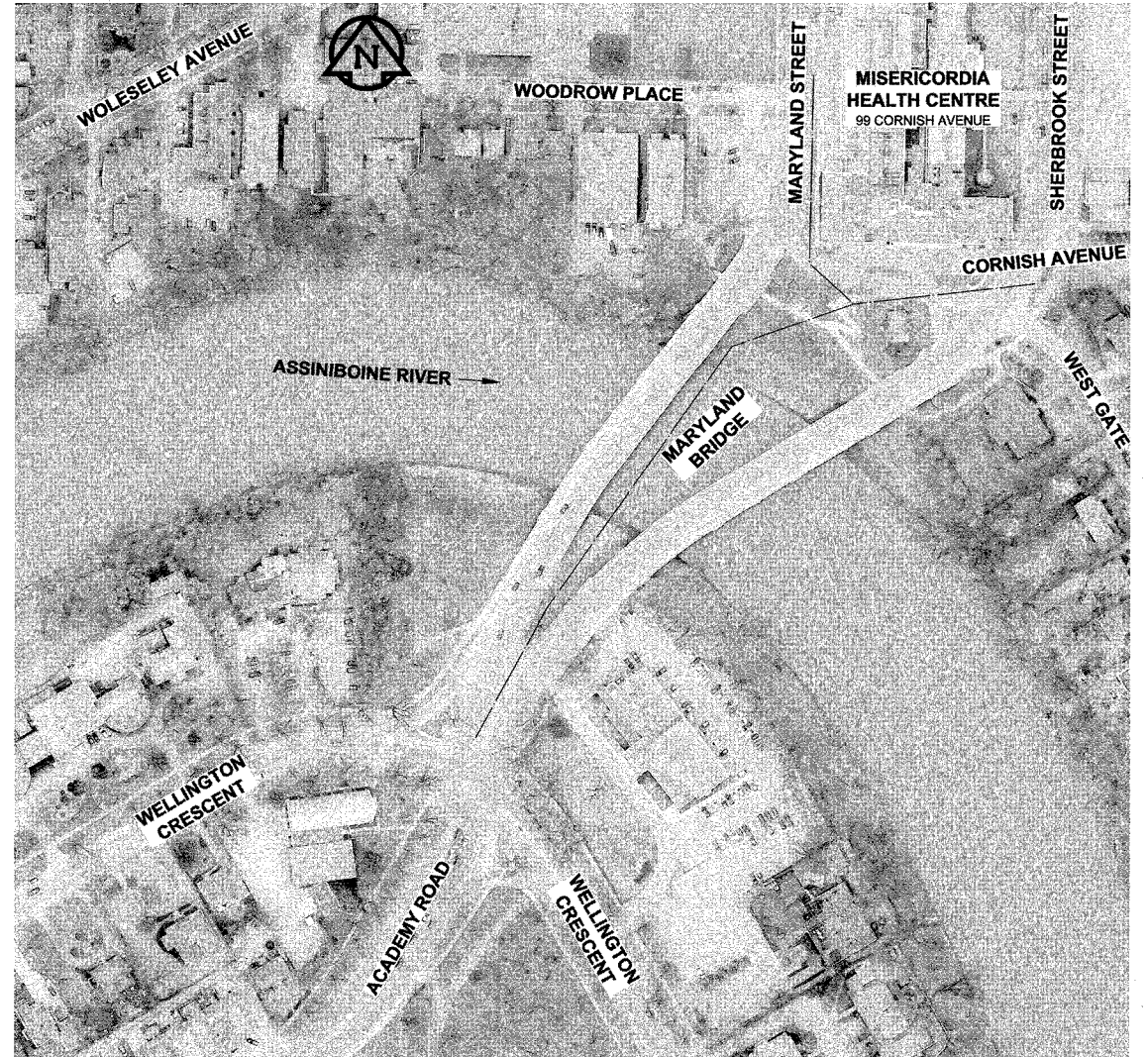
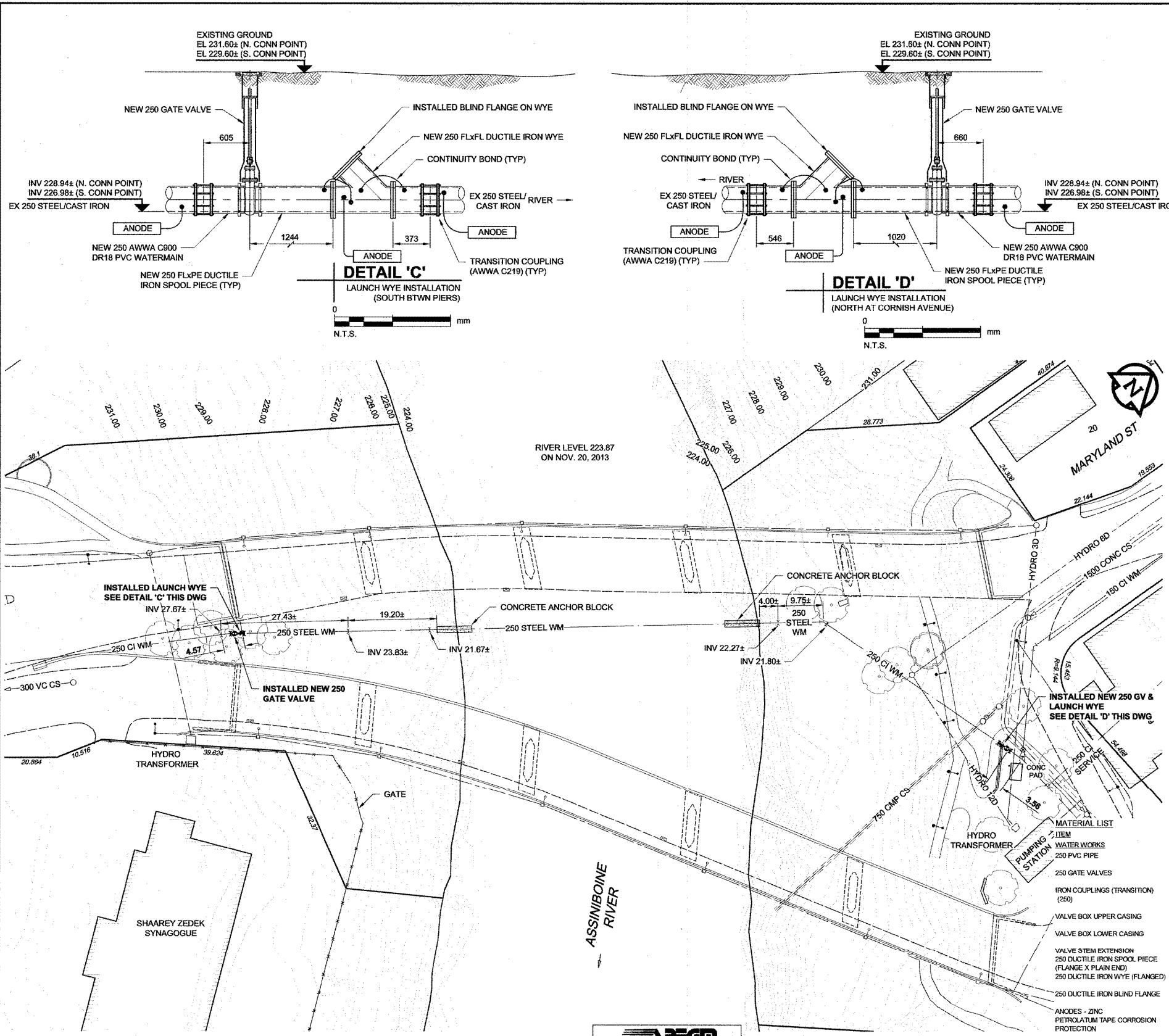


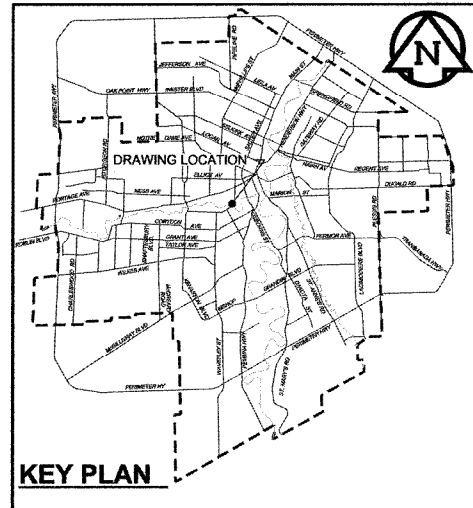
D SIZE 22" x 34" (559mm x 864mm)

PLOT: 3/16/2017 1:40:04 PM

AECOM REVIEW DRET CHK



SITE PLAN
Scale 1:1500
0 37.5 75 m



RECORD DRAWING

BID OPPORTUNITY NO. 269-2015

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
150 W/M	WATERMAIN	150 W/M	150 W/M	WATERMAIN	150 W/M	150 W/M	WATERMAIN	150 W/M
300 L/S	LAND DRAINAGE SEWER	300 L/S	300 L/S	LAND DRAINAGE SEWER	300 L/S	300 L/S	LAND DRAINAGE SEWER	300 L/S
250 WWS	WASTE WATER SEWER	250 WWS	250 WWS	WASTE WATER SEWER	250 WWS	250 WWS	WASTE WATER SEWER	250 WWS
○	MANHOLE	●	○	MANHOLE	●	○	MANHOLE	●
□	CATCH BASIN	■	□	CATCH BASIN	■	□	CATCH BASIN	■
△	CURB INLET	▲	△	CURB INLET	▲	△	CURB INLET	▲
---	CULVERT	---	---	CULVERT	---	---	CULVERT	---
+	PIPE ABANDONMENTS	+	+	PIPE ABANDONMENTS	+	+	PIPE ABANDONMENTS	+
+	SURVEY BAR	+	+	SURVEY BAR	+	+	SURVEY BAR	+
+	CURB STOP	+	+	CURB STOP	+	+	CURB STOP	+
+	REDUCER	+	+	REDUCER	+	+	REDUCER	+
+	COUPLING	+	+	COUPLING	+	+	COUPLING	+
+	ANODE	+	+	ANODE	+	+	ANODE	+
+	HYDRO	+	+	HYDRO	+	+	HYDRO	+
+	MTS	+	+	MTS	+	+	MTS	+
+	GAS	+	+	GAS	+	+	GAS	+
+	TESTHOLE	+	+	TESTHOLE	+	+	TESTHOLE	+
+	LAMP STANDARD	+	+	LAMP STANDARD	+	+	LAMP STANDARD	+
+	TREE	+	+	TREE	+	+	TREE	+
+	PAVEMENT CROWN	+	+	PAVEMENT CROWN	+	+	PAVEMENT CROWN	+
+	N/W PROPERTY LINE	+	+	N/W PROPERTY LINE	+	+	N/W PROPERTY LINE	+
+	S/E PROPERTY LINE	+	+	S/E PROPERTY LINE	+	+	S/E PROPERTY LINE	+
+	N/W GUTTER	+	+	N/W GUTTER	+	+	N/W GUTTER	+
+	S/E GUTTER	+	+	S/E GUTTER	+	+	S/E GUTTER	+

LOCATION APPROVED
UNDERGROUND STRUCTURES

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
3	ISSUED FOR RECORD	17/02/24	WJD
2	REVISED NOTE	15/05/22	WJD
1	ADDED 250 GATE VALVE	15/05/05	WJD
0	ISSUED FOR CONSTRUCTION	15/04/16	ADL

AECOM

DESIGNED BY: ADB
CHECKED BY: [Signature]
DRAWN BY: ADL
APPROVED BY: [Signature]
HOR. SCALE: AS NOTED
VERT. SCALE: N/A
DATE: [Blank]

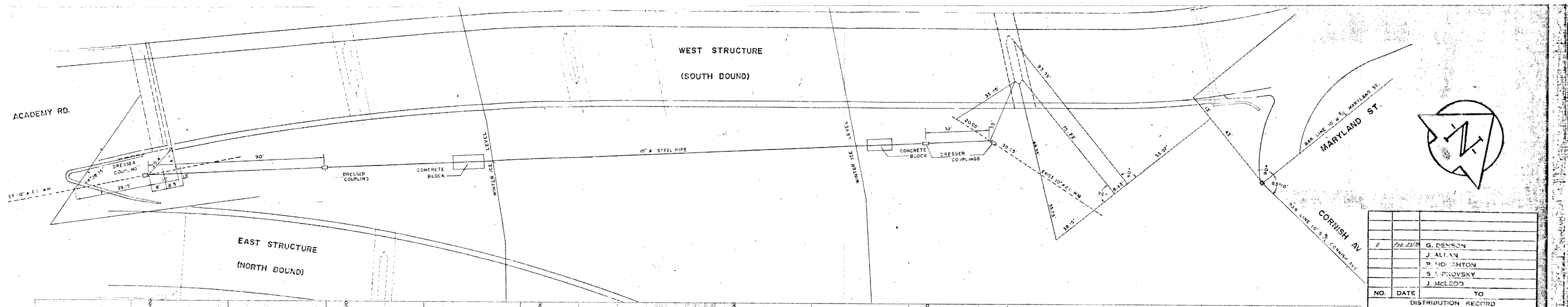
PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
BRAUN
Member
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING NO.
60270487-SHT-30-0000-C-1003

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

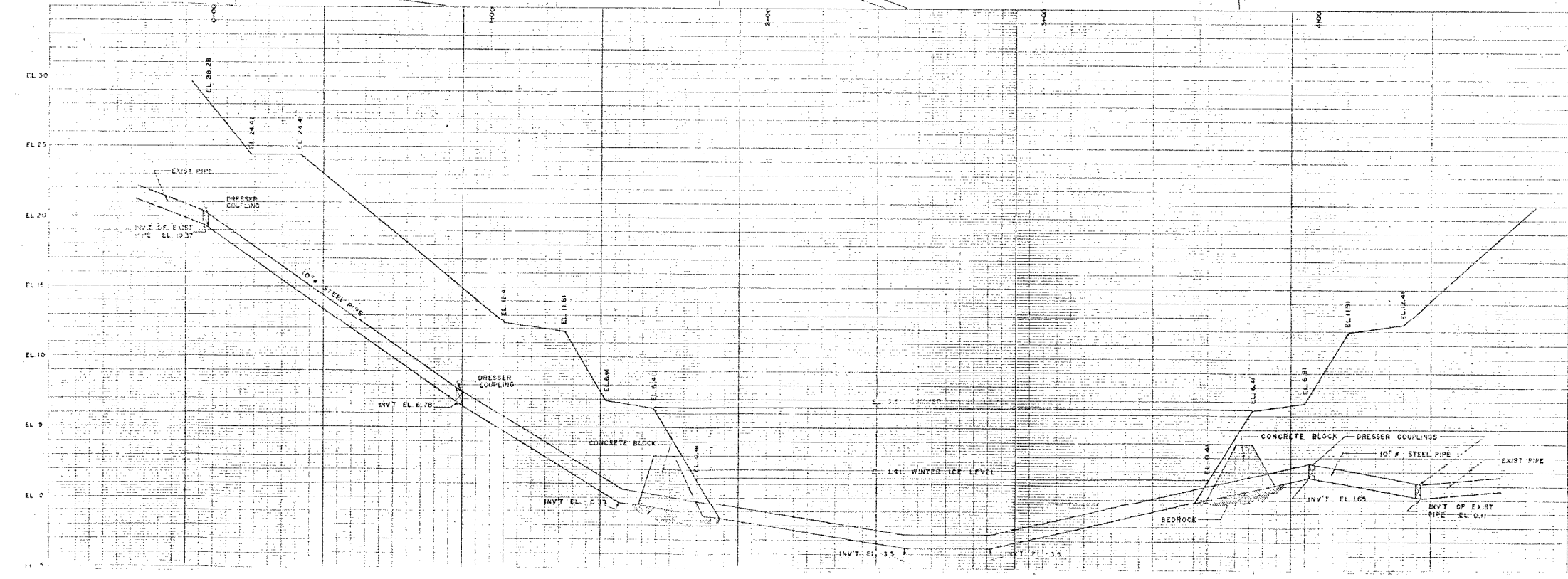
PROVISION OF PIPELINE ACCESS MODIFICATIONS, CLEANING AND SUPPORT SERVICES FOR WATER MAIN RIVER CROSSING INSPECTIONS

SITE 12
MARYLAND BRIDGE WATER MAIN

SHEET 2 OF 3
CITY DRAWING NUMBER
D-13303
REV 3



NO.	DATE	TO
1	FEB 23/17	G. DENSON
		J. ALLAN
		P. HOUGHTON
		S. PROVSKY
		J. MCLEOD
DISTRIBUTION RECORD		



CITY DATUM
= EL. 72.59 GEODETIC

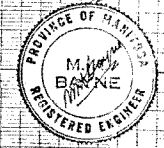
MATERIAL LIST		
ITEMS	SIZE	QUANTITY
Std Steel Pipe 10" O.D.	10"	437'
Dresser Couplings	10"	2
To Be Salvaged from East Pipe Line		

NOTES
1. STEEL PIPE TO BE CONNECTED TO EXIST 10" C.I. PIPE AT EACH END WITH DRESSER COUPLINGS. BUILD UP THE ENDS OF THE STEEL PIPE TO 11" O.D. TO SUIT THE EXIST C.I. PIPE.

D.M.L. S.R. Co. Asphalt Step Academy Entrance to Shady Side Synagogue NE Cor. Wellington Crescent and Academy Road - 561 Wellington Crescent - EL. 34.00

WATER WORKS PERSONAL NUMBER 918-380-512

LOCATION APPROVED
UNDERGROUND STRUCTURES COMPANY, INC.
FEB 23/17



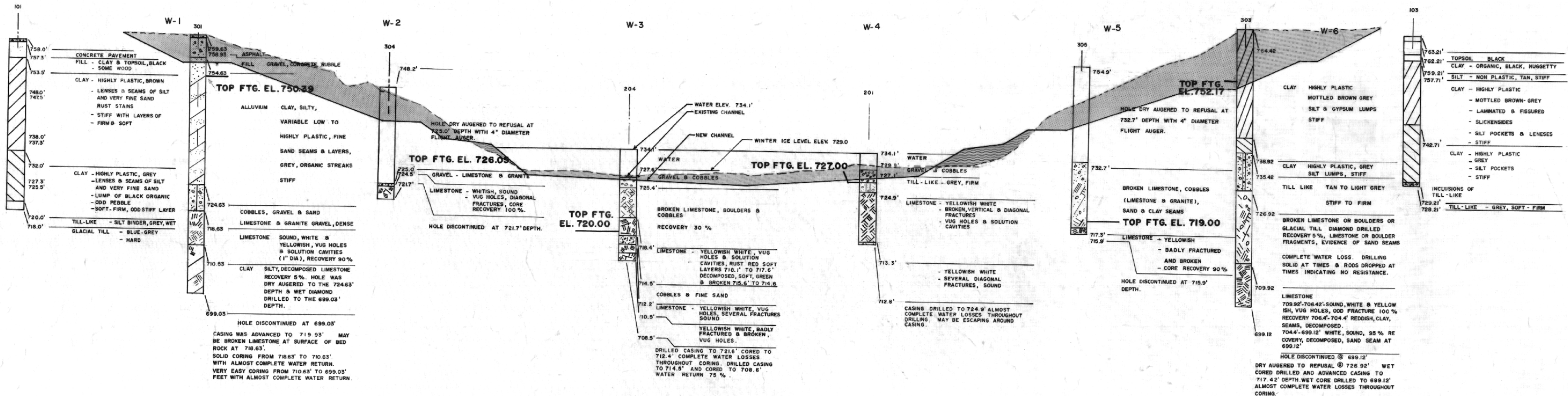
CITY OF WASHINGTON
ENGINEERING DEPARTMENT
W.D. HURST - CITY ENGINEER

TITLE: NEW WATERMAIN RIVER CROSSING - ASSINIBOINE RIVER AT MARYLAND BRIDGE

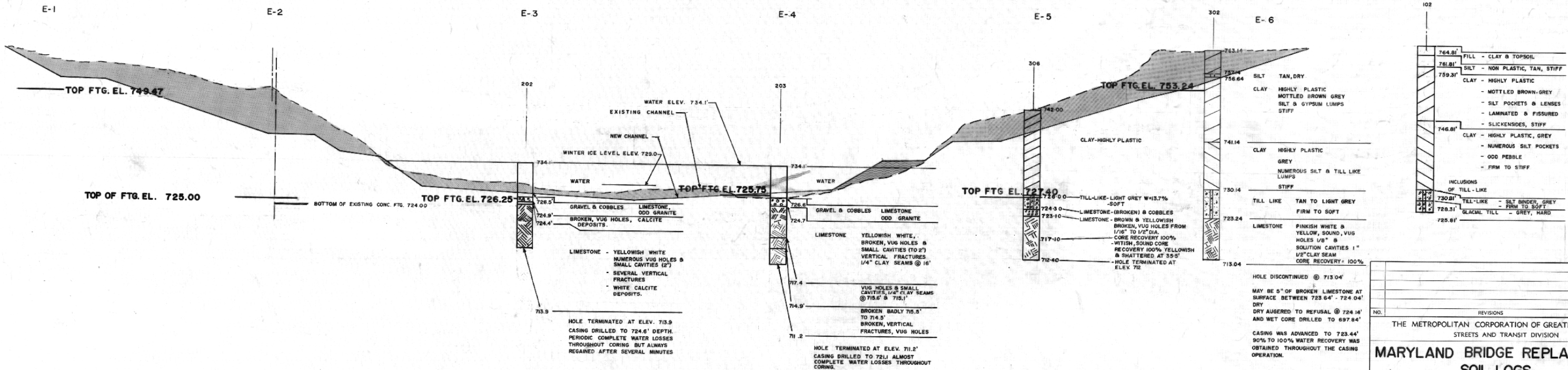
DRAWN BY: RD DATE: FEB 20/17
CHECKED BY: DATE: FEB 23/17
APPROVED BY:

REFERENCES: D. Macdonald P.E. 1919: 216.18
D.W. Co. City Control Survey Monument 791 #
Cornish Av. & Maryland St. EL. 33.04
SCALE: PLAN 1"=20' PROFILE 1"=20'
DRAWING NO. WA 13059

WA-13059



SOILS LOG AT WEST STRUCTURE



SOILS LOG AT EAST STRUCTURE

LEGEND
 [Symbol] FILL
 [Symbol] EXCAVATION

SEE DWG. WS-3 & ES-3 FOR DRILL HOLE LOCATIONS

AS BUILT
 APPROVED BY: *P.T. Keenan*



APPROVED BY: *W. M. Dillon* DATE: 2/12/69
 ENGINEER OF STREETS AND TRAFFIC

M. M. DILLON LIMITED
 CONSULTING ENGINEERS
 WINNIPEG, MANITOBA

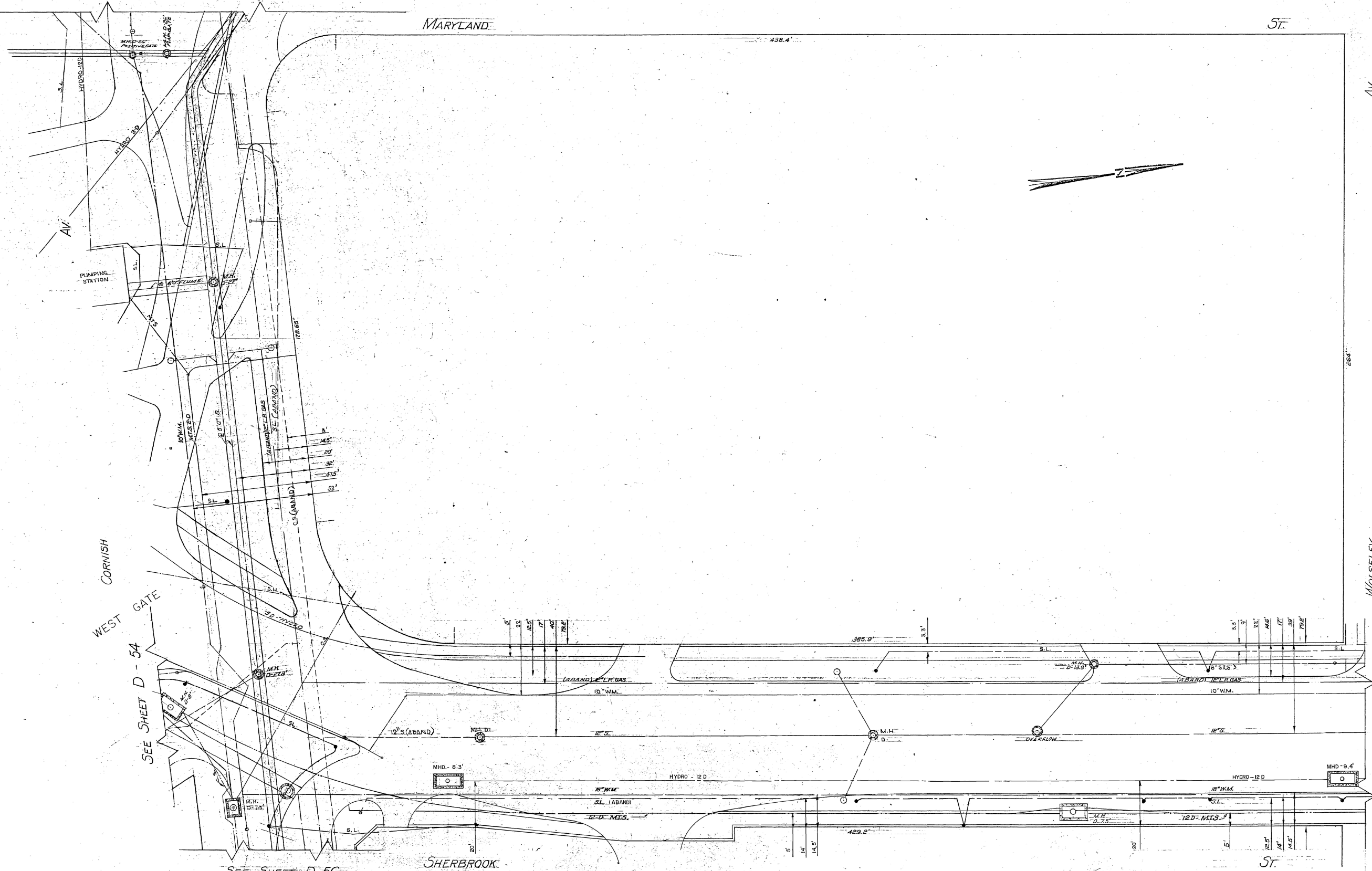
DESIGNED BY: M.F.L. DATE: JAN. 1969
 DRAWN BY: M.F.L. DATE: JAN. 1969
 CHECKED BY: *R.W. McKnight* DATE:
 APPROVED BY: *R.W. McKnight* DATE:
 B.M.
 F.B.
 SCALE: HORIZ. - 1" = 20'
 VERT. - 1" = 10'
 DRAWING NO. 6-3

B-5044-T

SEE SHEET D-70

MARYLAND

ST.



CORNISH

WEST GATE

SEE SHEET D-54

SEE SHEET D-56

SHERBROOK

WOLSELEY

SEE SHEET D-68

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN, AND EXACT LOCATIONS OF ALL UNDERGROUND INCLUDING SERVICE CONNECTIONS, MUST BE CHECKED WITH THE UTILITY CONCERNED BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	DATE	DESCRIPTION	BY	CHK'D
8	86-06-26		N.S.	
7	83-5-05		R.D.	
6	77-10-78		H.K.	
5	29-02-24		J.S.	
4	15-1-72		J.S.	
3	11-2-70		J.S.	
2	14-2-69		J.S.	
1	5-10-67		J.S.	

DESCRIPTION	BY	CHK'D
MANHOLE DEPTH		
HYDRANT		
WATER VALVE		
SERVICE BOX		
CATCH BASIN		
STREET LIGHTING POLE		
SURVEY BAR		
WINNIPEG HYDRO		
STREET LIGHTING (S.L.)		
MANITOBA HYDRO		

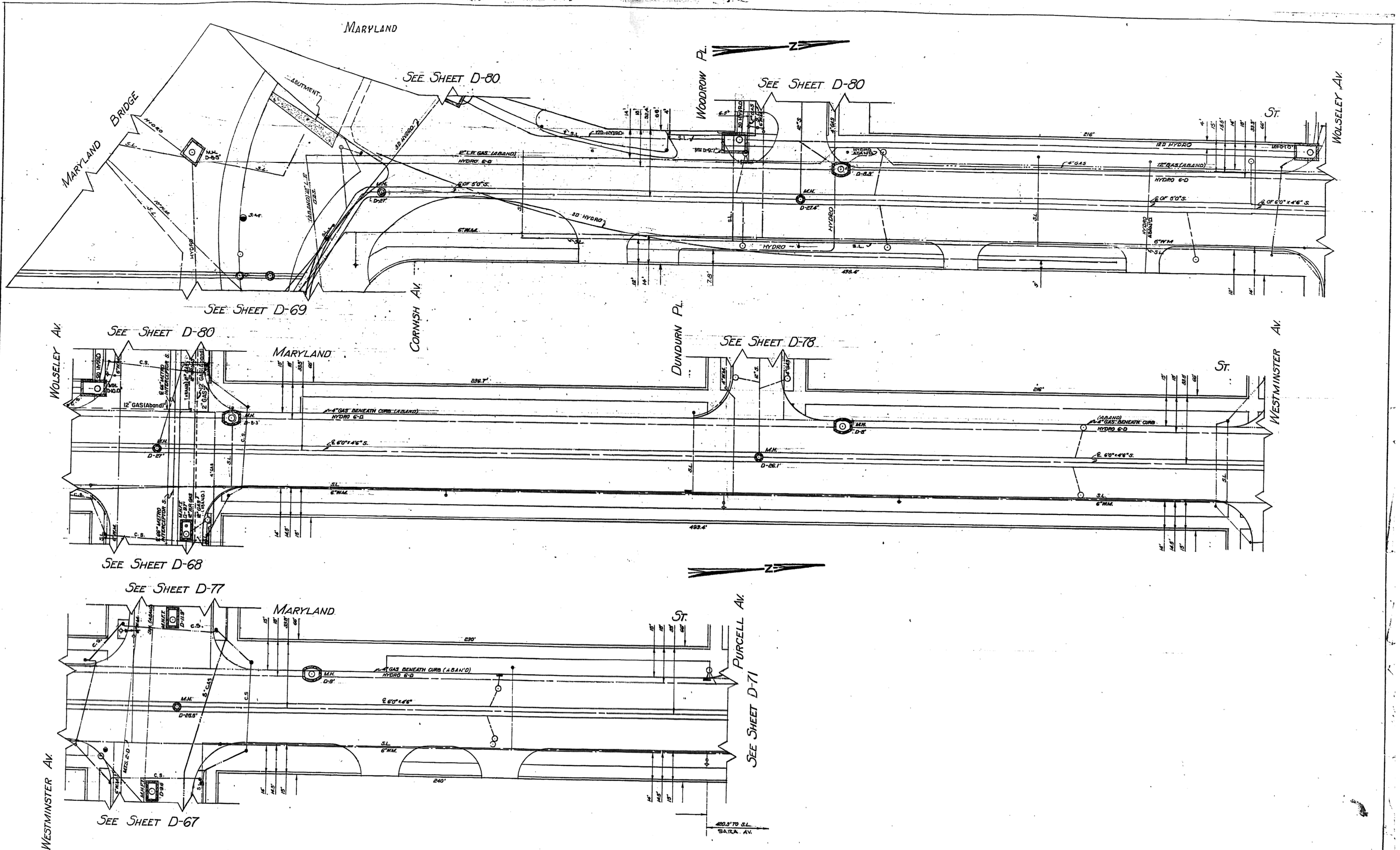
DESCRIPTION	BY	CHK'D
MANITOBA TELEPHONE SYSTEM (M.T.S.)		
CITY SIGNALS (C.S.)		
SEWER (S.)		
WATERMANS (W.M.)		
GAS		
C.P.R. TELEGRAPHS		
C.N.R. TELEGRAPHS		
WINNIPEG HYDRO STEAM HEAT		
WINNIPEG CENTRAL HTG. CO. STEAM HEAT (S.H.)		

CITY OF WINNIPEG UNDERGROUND STRUCTURES COMMITTEE

Block Bounded By
WOLSELEY AVE.-CORNISH AVE.
SHERBROOK-MARYLAND ST.

DRAWN BY	SCALE
TRACED BY	1" = 20'
CHECKED BY	SHEET NO.
DATE	D-55

LEGEND



LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN, AND EXACT LOCATIONS OF ALL UNDERGROUND INCLUDING SERVICE CONNECTIONS, MUST BE CHECKED WITH THE UTILITY CONCERNED BEFORE PROCEEDING WITH CONSTRUCTION.

9	96-7-8	N.S.
8	87-01-05	H.O.
7	80-3-27	H.
6	28-3-72	S.
5	5-1-22	S.
4	4-2-20	S.L.
3	14-2-7	S.
2	14-2-7	S.

MANHOLE DEPTH	M.H.D.
HYDRANT	•••••
WATER VALVE	
SERVICE BOX	
CATCH BASIN	
STREET LIGHTING POLE	
SIBVEY BAR	

MANITOBA TELEPHONE SYSTEM	(M.T.S.)	_____
CITY SIGNALS	(C.S.)	_____
SEWER	(S.)	_____
WATERMAINS	(W.M.)	_____
GAS		_____
C.P.R. TELEGRAPHS		_____