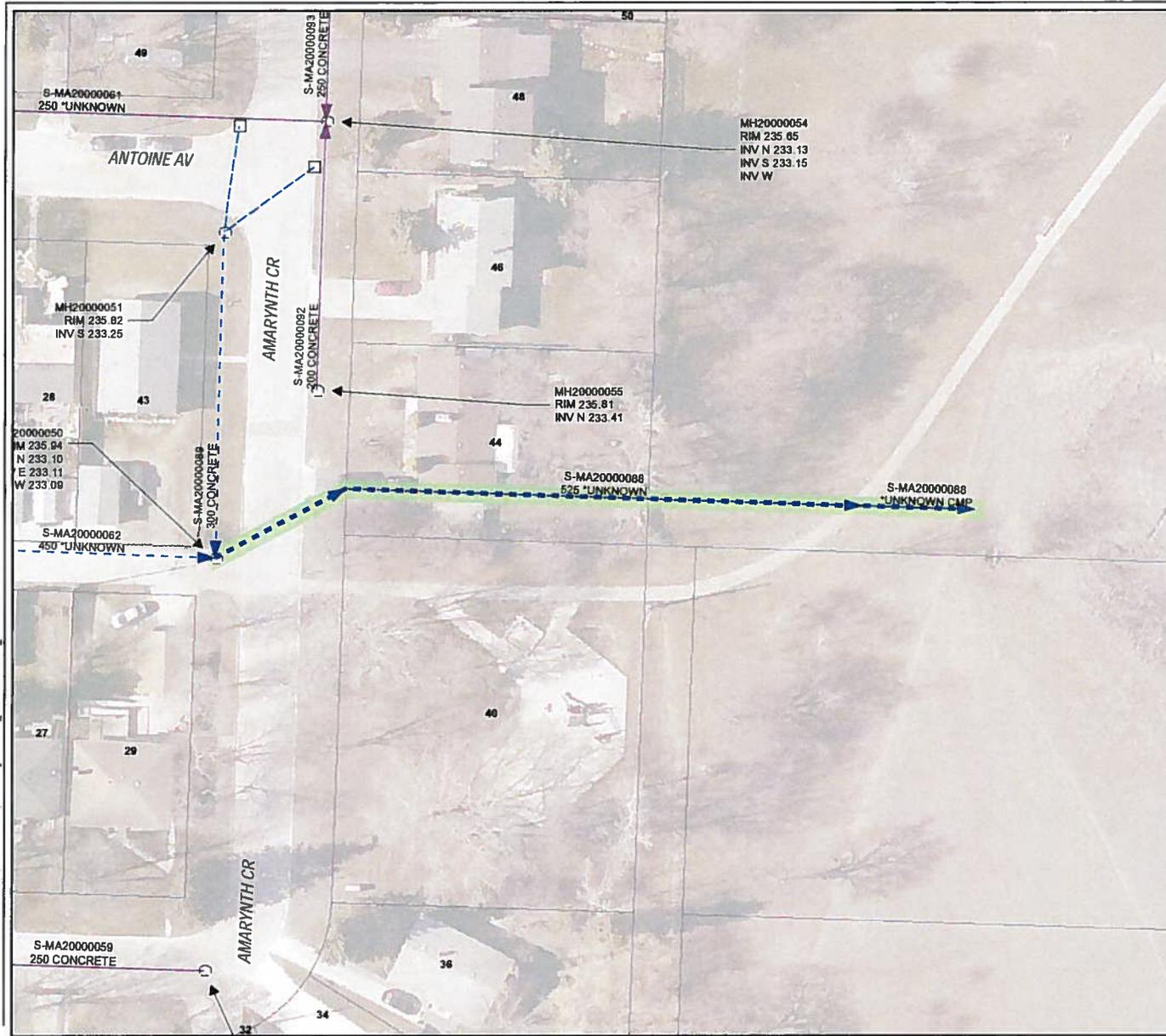


APPENDIX B – OUTFALL GENERAL LOCATION MAPS AND SITE SPECIFIC SUPPORTING DOCUMENTATION

AMARYNTH CRESCENT OUTFALL – (S-MA20000088)

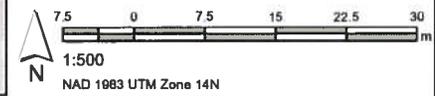
**525 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL LOCATED SOUTH OF 44
AMARYNTH CRESCENT AT STURGEON CREEK**



LEGEND

- LDS
- WWS
- CB Lead
- SEWER MANHOLE
- CATCH BASIN

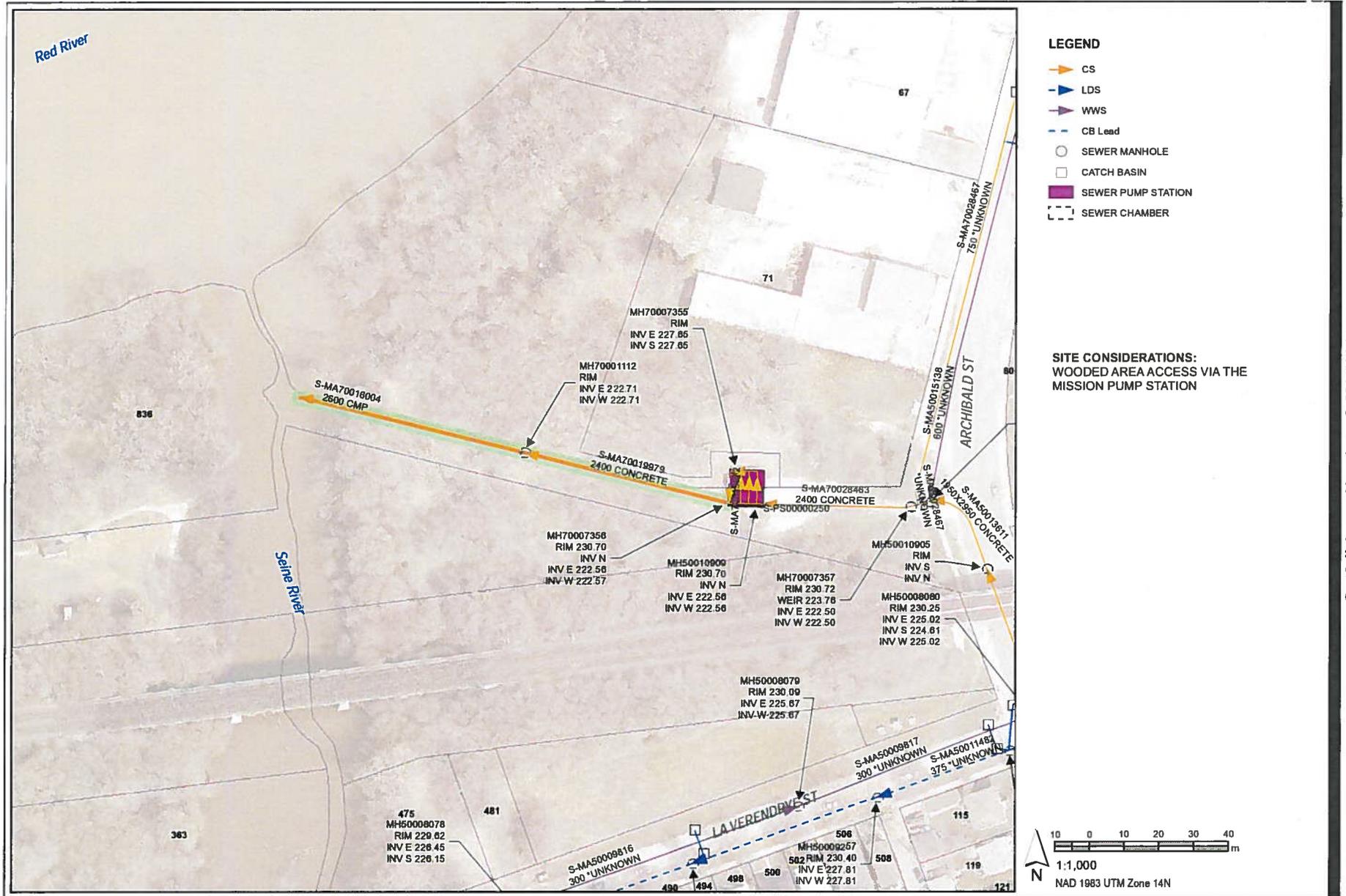
SITE CONSIDERATIONS:



Outfall Asset Number: S-MA20000088 - 96.72m
 Upstream Sewer Asset Number: None - 0m
 Upstream Manhole Coordinates: 623143.2807E, 5527178.7199N
 Location: 44 AMARYNTH CR

**ARCHIBALD STREET OUTFALL (S-MA70016004) AND UPSTREAM
COMBINED SEWER PIPE (S-MA70019979)**

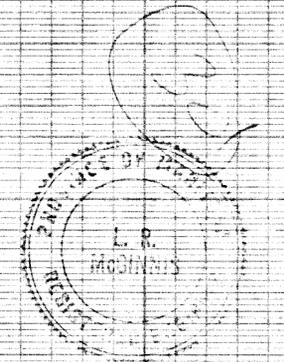
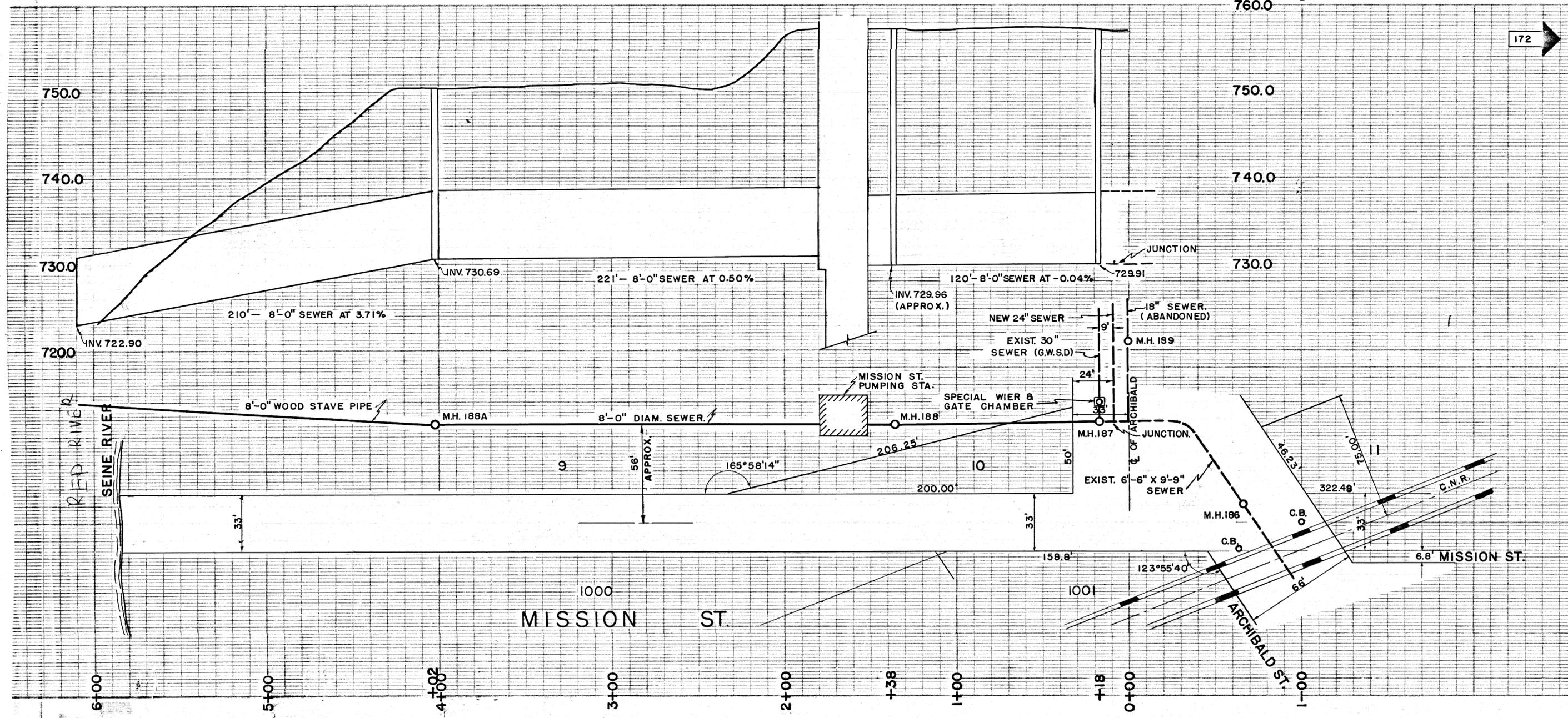
**2600 MILLIMETER DIAMETER COMBINED SEWER OUTFALL AND 2400 MILLIMETER UPSTREAM
COMBINED SEWER PIPE LOCATED SOUTH OF 71 ARCHIBALD STREET AT SEINE RIVER**



Outfall Asset Number: S-MA70016004 - 67.01m
Upstream Sewer Asset Number: MA70019979 - 60.25m
Upstream Manhole Coordinates: 635792.6134E, 5529187.0763N
Location: 75 ARCHIBALD ST

ENGINE DRAWING
 TITLE
 DATE

ENTRIED IN R 27

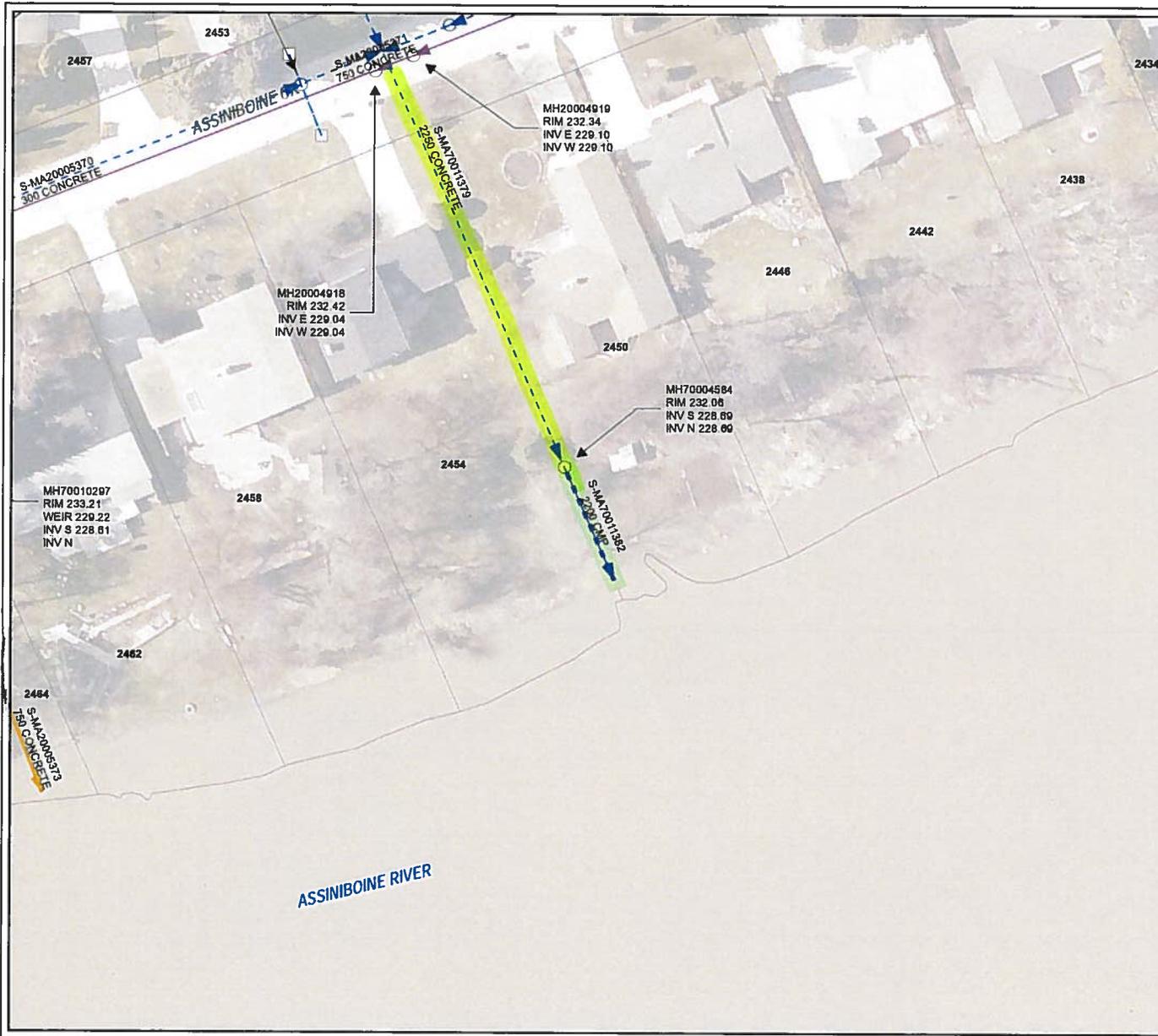


CITY OF ST. BONIFACE	
PUBLIC WORKS DEPARTMENT	
AS BUILT SERVICES PLAN & PROFILE OF MISSION ST. PUMPING STATION.	
W. L. WARDROP & ASSOCIATES ENGINEERING CONSULTANTS WINNIPEG CANADA	
Scale: HORIZ. 1"=40' VERT. 1"=8' Date: DECEMBER 1958.	
Drawn By:	Drawing No.
Checked By:	S-149
Project No. 5823	

102330

**ASSINIBOINE CRESCENT OUTFALL (S-MA70011382) AND UPSTREAM
LAND DRAINAGE SEWER PIPE (S-MA70011379)**

**2200 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL AND 2250 MILLIMETER
UPSTREAM LAND DRAINAGE SEWER PIPE LOCATED BETWEEN 2450 AND 2454 ASSINIBOINE
CRESCENT AT THE ASSINIBOINE RIVER.**

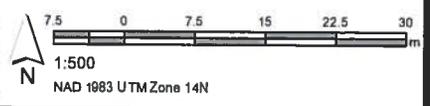


- LEGEND**
- CS
 - LDS
 - WWS
 - CB Lead
 - SEWER MANHOLE
 - CATCH BASIN

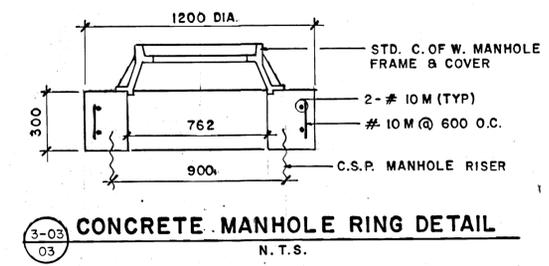
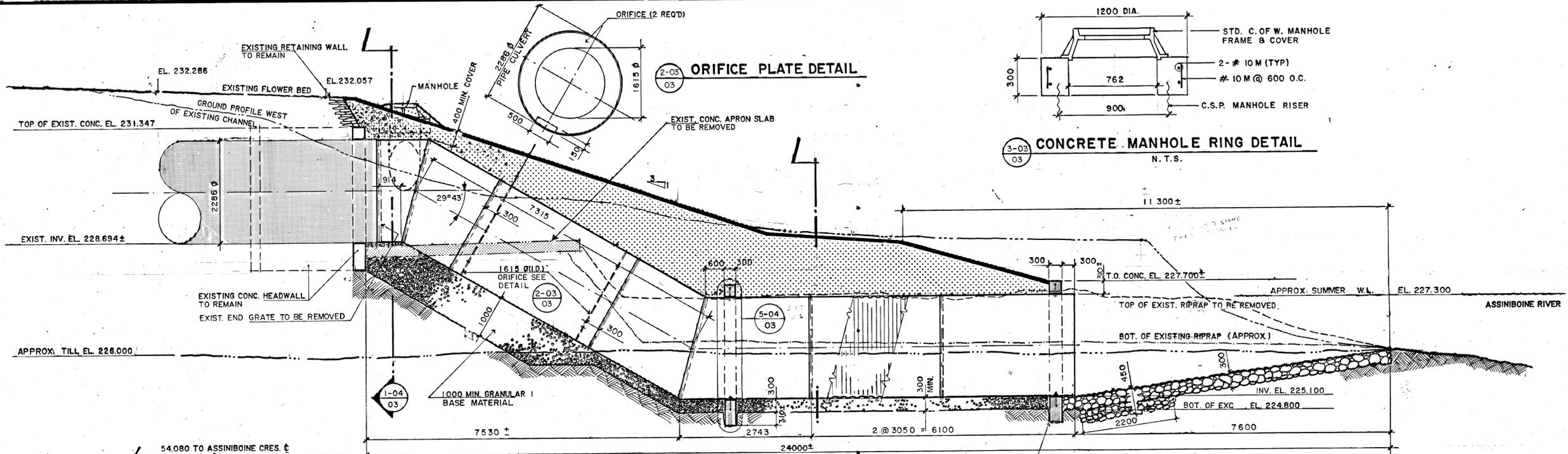
SITE CONSIDERATIONS:
 PRIVATE LAND ENTRY ONTO 2450 AND 2454 ASSINIBOINE CRES.

KEY CONTACTS:

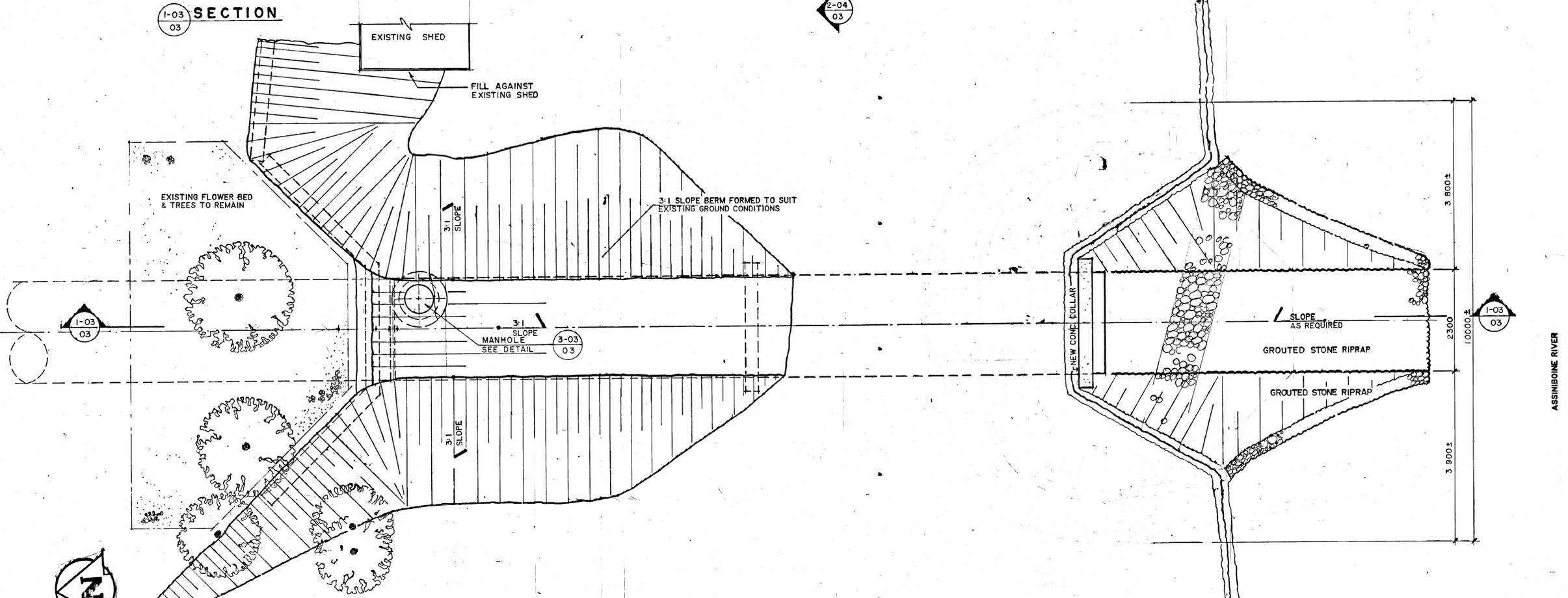
AFFECTED RESIDENTS:
 2454 ASSINIBOINE CR AND 2450 ASSINIBOINE CR



Outfall Asset Number: S-MA70011382 - 15.5m
Upstream Sewer Asset Number: None - 0m
Upstream Manhole Coordinates: 625391.7993E, 5526031.5191N
Location: 2450 ASSINIBOINE CRES



1-03 SECTION



PLAN

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES
27/08/07
28/05/07
DAK

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.

A-B DETAIL NO.
B. DRAWING WHERE DETAIL SHOWN
C. DRAWING WHERE DETAIL TAKEN

NO.	REVISIONS	DATE	BY
1	AS CONSTRUCTED	27/08/07	NHK

Reid Crowther
Reid Crowther & Partners Ltd.
Engineers Planners Scientists

DESIGNED BY: CM/DKS
CHECKED BY: WJM/RJR
DRAWN BY: PB
APPROVED BY: [Signature]

HOR. SCALE: 1:50
VERTICAL: [Blank]

RELEASED FOR CONSTRUCTION: [Signature]
DATE: 26/05/07

ENGINEER
PROFESSOR OF MATHEMATICS
C. MULLAND
REGISTERED ENGINEER
MAY 7/98

CONSULTANT DRAWING NO. 60828-03

THE CITY OF WINNIPEG
WORKS AND OPERATIONS DIVISION
OPERATIONS DEPARTMENT - DISTRICT 2

LAND DRAINAGE OUTFALL
REMEDIAL WORKS
OLIVE STREET

CITY DRAWING NUMBER 899-B
SHEET 3 OF 4

PLAN VIEW AND SECTION

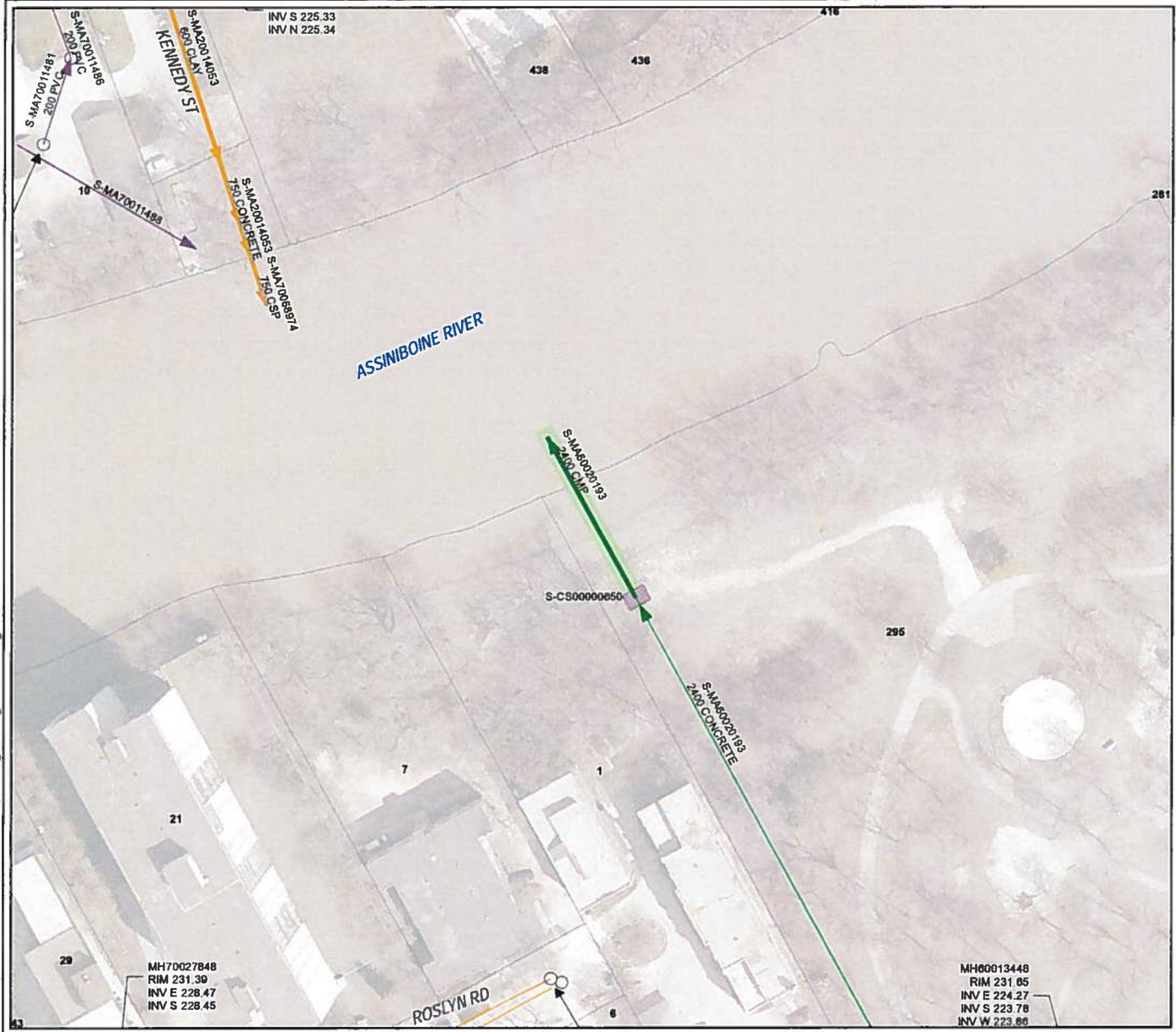
WC-1996

ENCLOSURE

WC-1996

FORT ROUGE PARK OUTFALL – (S-MA60020193)

**2400 MILLIMETER DIAMETER STORM RELIEF SEWER OUTFALL LOCATED IN FORT ROUGE
PARK AT ASSINIBOINE RIVER**



- LEGEND**
- CS
 - SRS
 - WWS
 - SEWER MANHOLE
 - CONTROL STRUCTURE

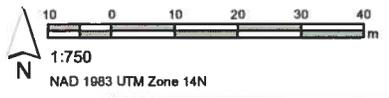
SITE CONSIDERATIONS:
CONTROL STRUCTURE ACCESS
REQUIRED

KEY CONTACTS:
FORT ROUGE PARK CONTACT: DREW
WILLIAMS: (204) 986-4309

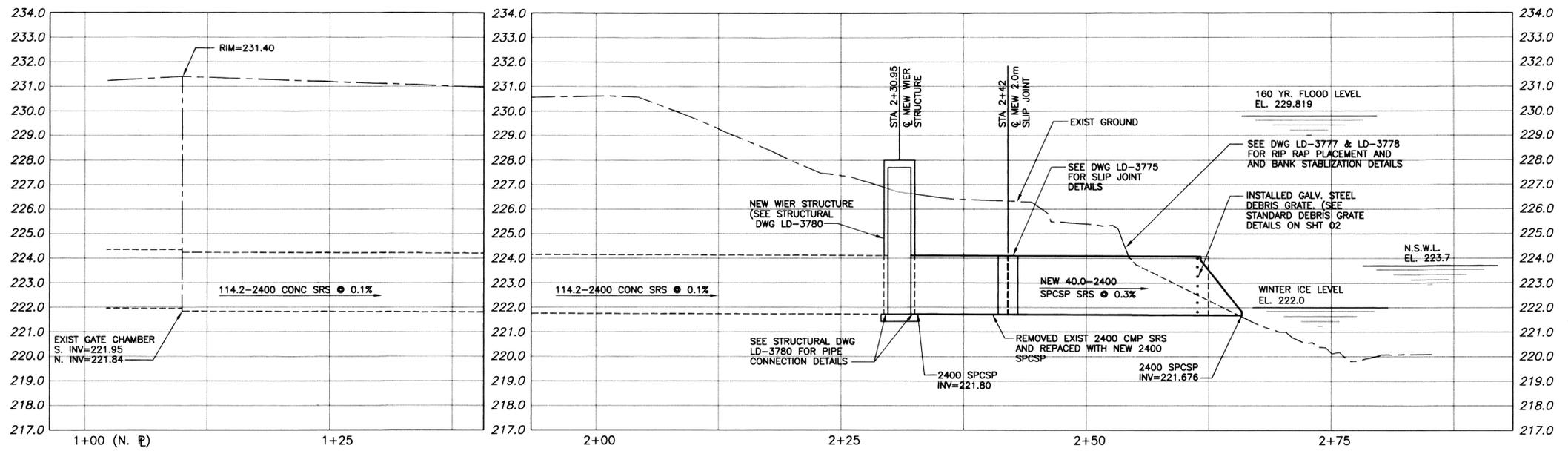
ERIC WEISKE (SUPERVISOR OF
REGIONAL WASTEWATER)
Office: (204) 986-4788
Work Cell: (204) 619-0520
Email: eweiske@winnipeg.ca

JOSE ALTOVEROS (COLLECTION
SYSTEM MAINTENANCE TECHNICIAN)
Office: (204) 986-7948
Email: jallover@winnipeg.ca

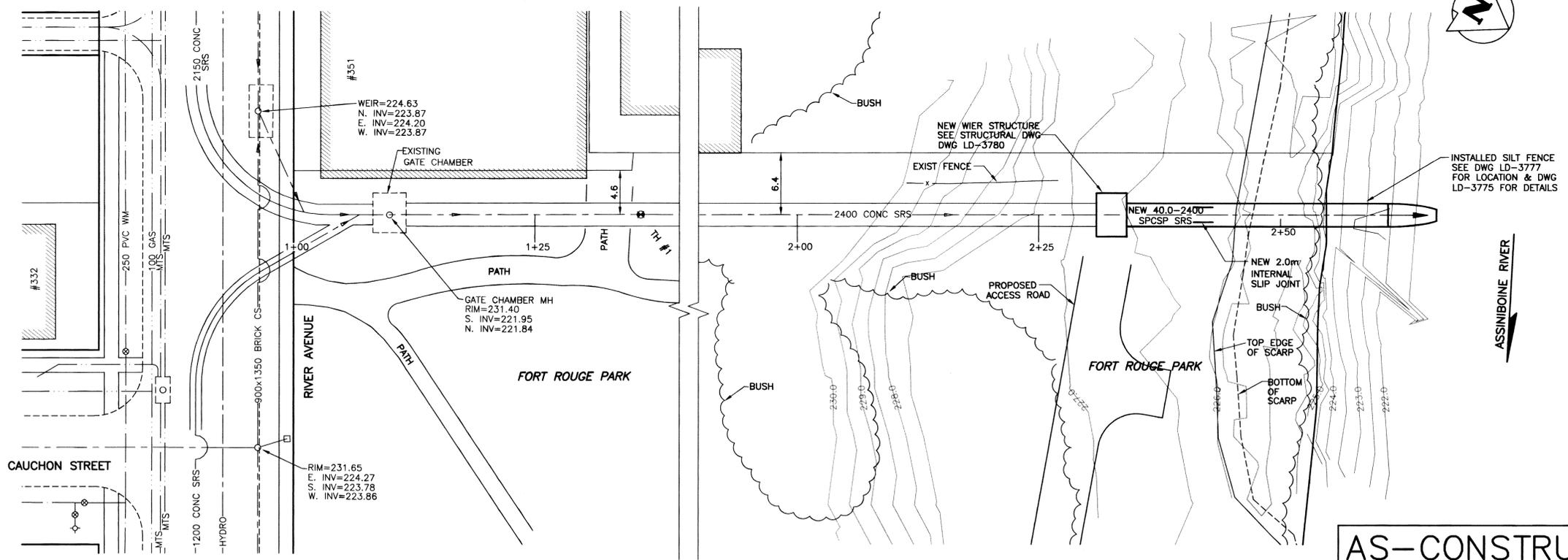
AFFECTED RESIDENTS:



Outfall Asset Number: S-MA60020193 - 34.56m
 Upstream Sewer Asset Number: None - 0m
 Upstream Manhole Coordinates: 633456.0625E, 5527159.6167N
 Location: 1 ROSLYN RD



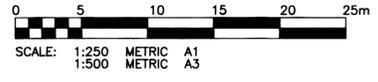
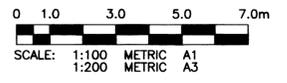
PROFILE
SCALE: HOR 1:250
VER 1:100



PLAN
SCALE: HOR 1:250

FORT ROUGE PARK OUTFALL AS-92

MATERIAL LIST		
2400 # CSP	ARMTEC	MULTI PLATE
SLIP JOINT	ARMTEC	
DEBRIS GRATE	ARMTEC	



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 210/72 FOR DETAILS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

AS-CONSTRUCTED
WATER & WASTE DEPARTMENT

PROJECT COMPLETION DATE MARCH 31, 2008

APEGN
Certificate of Authorization
KGS Group
No. 245 Date: 04/12/09

P:\Projects\2007\07-0107-08\Admin\DocControl\Issued\Source\Drawings\LD-3774-R2.dwg - Tab: 01 Plotted By: DDerocoe 12/04/2009 [Fri 9:51am] PLOT 1:1 A1

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
150 WM	WATERMAIN	150 WM	HYDRO		
300 LBS	LAND DRAINAGE SEWER	300 LBS	M.T.S.		
250 WWS	WASTE WATER SEWER	250 WWS	PROPERTY LINE		
MANHOLE		MANHOLE	SURVEY BAR		
CATCH BASIN		CATCH BASIN	LIGHT STANDARD		
CURB INLET		CURB INLET	HYDRO POLE		
JUNCTIONS		JUNCTIONS	GUY WIRE		
CULVERT		CULVERT	SIGN		
GAS		GAS	BUSH LINE		
			FENCE		
			ELEVATION		
			(32.231)		

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
2	AS CONSTRUCTED	04/12/09	RJH
1	AS-BUILT	16/06/09	RJH
0	ISSUED FOR TENDER	03/12/07	RJH

KGS GROUP CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG THUNDER BAY (204) 896-1208 (204) 345-2233

DESIGNED BY: RJH
CHECKED BY: RJH
DRAWN BY: DW
APPROVED BY: [Signature]
HOR. SCALE: 1:250
VERTICAL: 1:100
DATE: 05/06/07

ENGINEER'S SEAL
R.J. HOUSTON
Professional Engineer
No. 4775

THE CITY OF WINNIPEG
WATER & WASTE DEPARTMENT
Winnipeg

FORT ROUGE PARK OUTFALL PIPE REPLACEMENT

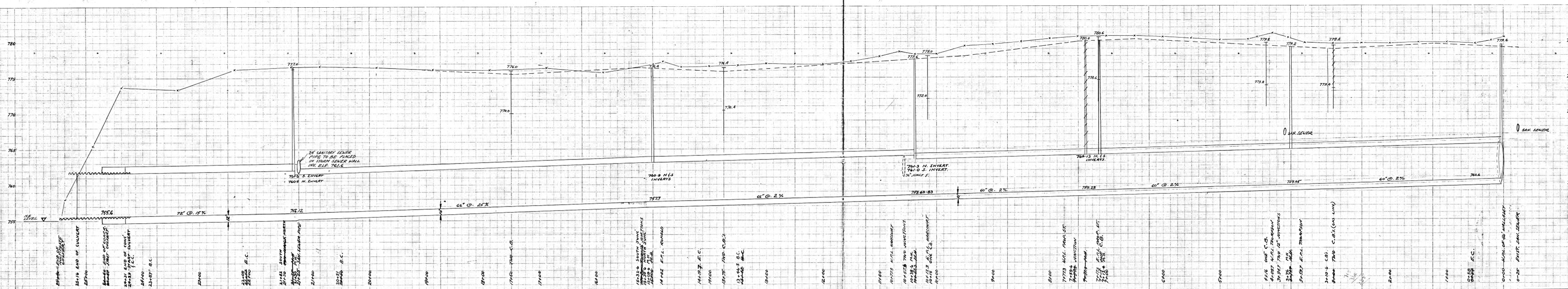
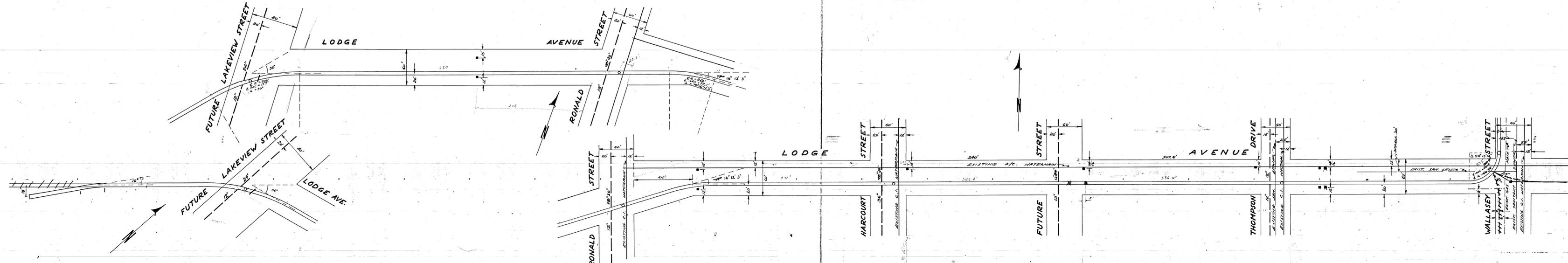
FORT ROUGE PARK OUTFALL (AS-92)

SHEET 01 OF 10
CAD FILE DRAWING NUMBER FT ROUGE PARK-PLOT
CITY DRAWING NUMBER LD-3774

CONSULTANT DRAWING NO. 07-0107-08 01

LODGE AVENUE OUTFALL – (S-MA20003886)

**1850 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL LOCATED WEST END OF
LODGE AVENUE AT STURGEON CREEK**



NOTES:
ALL M.H.'S PLACED @ NORTH SIDE OF SEWER.

LEGEND:
 - - - - - PROPOSED STORM SEWER (M.H.)
 - - - - - PROPOSED FUTURE SEWER
 - - - - - PROPOSED C.B.
 - - - - - EXISTING WATERMAIN
 - - - - - EXISTING SEWER
 - - - - - EXISTING GAS MAIN

BENCH MARK: 782.43 NYOR @ WALLASEY & LODGE

NO.	REVISIONS:	DATE BY:
	AS BUILT	MAY 24, 1953

**THE CITY OF ST. JAMES
ENGINEERING DEPARTMENT**

TITLE: LODGE AVENUE
60" 667.72' STORM SEWER IN TUNNEL
WALLASEY ST - STURGEON CR.

DRAWN BY: J. Bowden **DATE:** 22ND DEC. 1953
DESIGNED BY: J. Bowden
APPROVED: [Signature] CITY ENGINEER

SCALE: HOR. 1" = 50'
VERT. 1" = 2'

FILE: 433-B



WC-0429

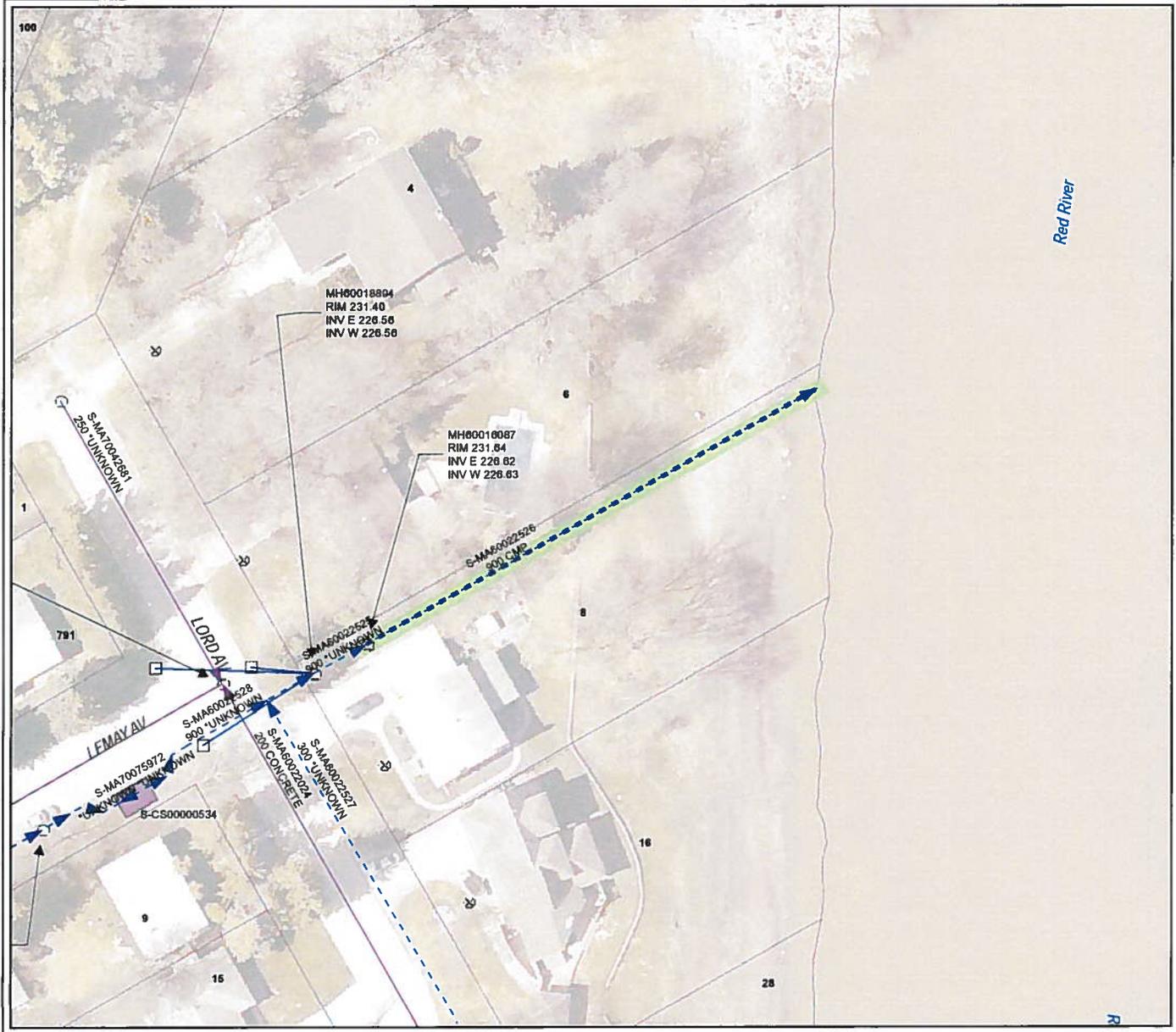
WC-0429

FILE # SE10243

WC-429-2

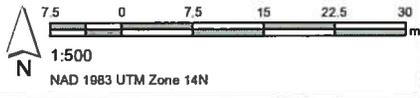
LEMAY AVENUE OUTFALL – (S-MA60022526)

**900 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL LOCATED EAST END OF
LODGE AVENUE AT RED RIVER**

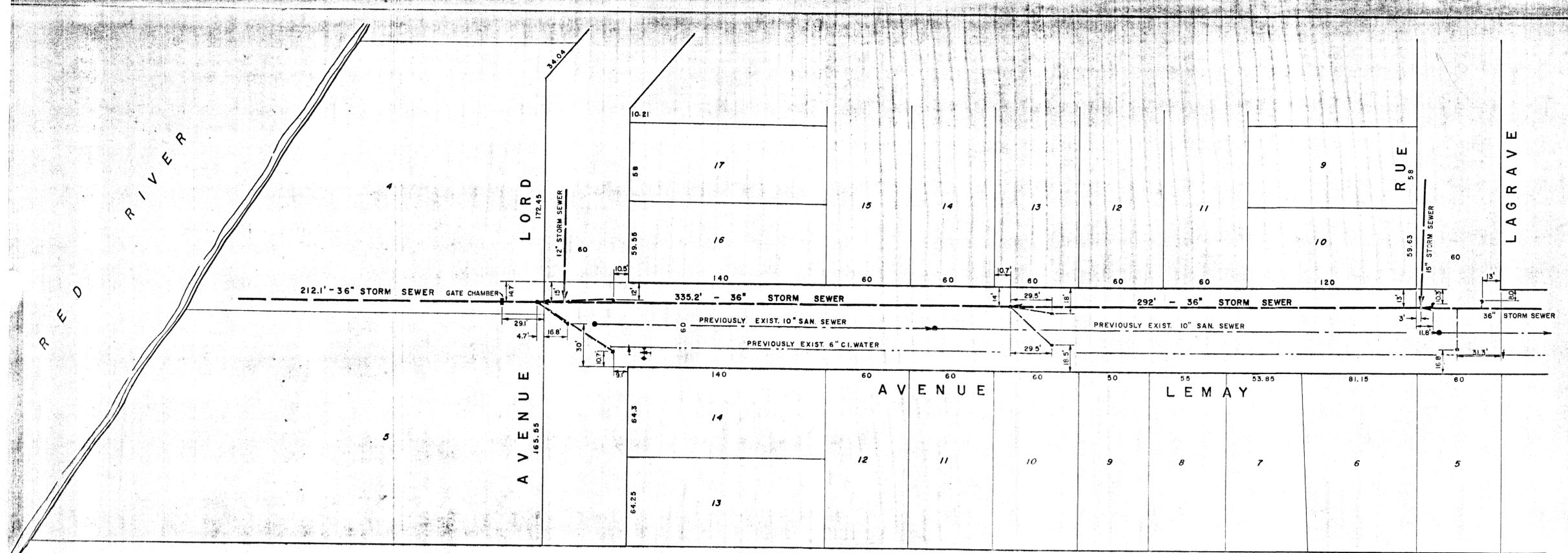


- LEGEND**
- ▶ LDS
 - ▶ WWS
 - - - CB Lead
 - SEWER MANHOLE
 - CATCH BASIN
 - ⊗ SEWER VALVE
 - - - SEWER CHAMBER
 - CONTROL STRUCTURE

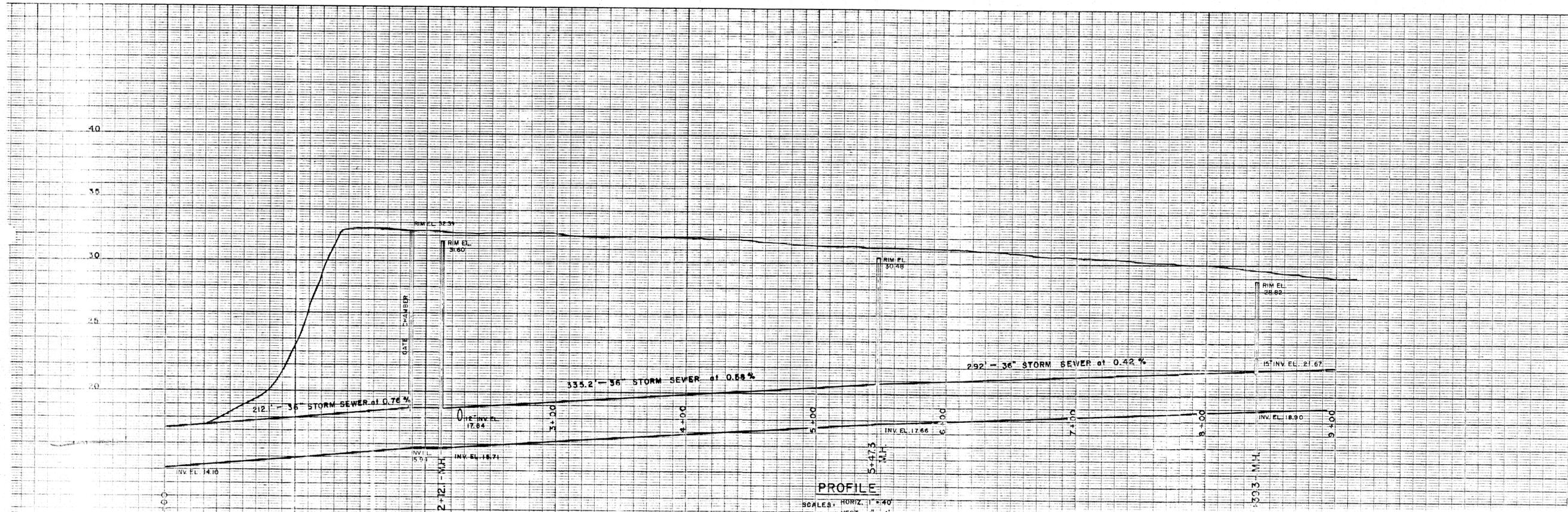
SITE CONSIDERATIONS:
SITE ACCESS TO ASSET DIFFICULT -
FENCED ON PRIVATE PROPERTY



Outfall Asset Number: S-MA60022526 - 64.62m
Upstream Sewer Asset Number: None - 0m
Upstream Manhole Coordinates: 633834.6719E, 5514650.2987N
Location: 8 LEMAY



PLAN
SCALE: 1" = 40'



PROFILE
SCALE: HORIZ. 1" = 40'

REFERENCE DRAWING:
LD-1670
GATE CHAMBER &
MANHOLE DETAILS

DESCRIPTION	LEGEND	
	EXISTING	PROPOSED
SANITARY SEWER & M.H.		
STORM SEWER & M.H.		
CATCH BASIN		
WATER MAIN		
GATE VALVE, CROSS OR TEE		
FIRE HYDRANT (OFF LINE) WITH VALVE		
FIRE HYDRANT (ON LINE)		
SEWAGE FORCE MAIN		
CURB STOP		

MUNICIPALITY OF FORT GARY
STORM SEWER
AVENUE LEMAY
FROM RED RIVER TO RUE LAGRAVE

DRAWN BY: F.S.
TRACED BY:
CHECKED BY: D.R.
DESIGNED BY:
LAYOUT BY:

UNDERWOOD McLELLAN & ASSOCIATES
LIMITED
CONSULTING PROFESSIONAL ENGINEERS
CALGARY - SASKATOON - WINNIPEG

SHEET 2 OF 2

LOTUS LANE OUTFALL – (S-MA70007444)

**600 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL LOCATED NORTH EAST END
OF LOTUS LANE AT RED RIVER**

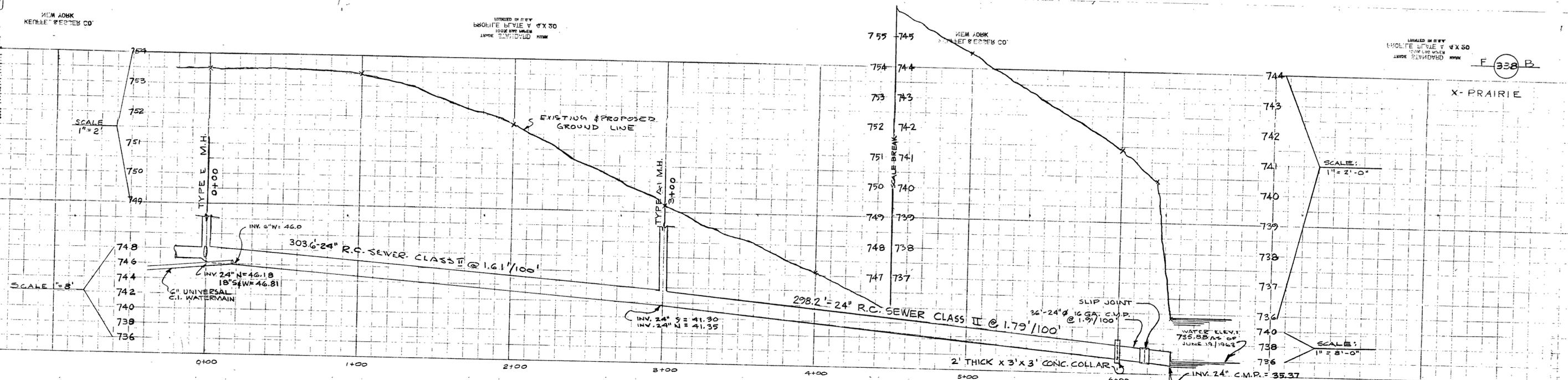


- LEGEND**
- LDS
 - WWS
 - CB Lead
 - SEWER MANHOLE
 - CATCH BASIN
 - SEWER PUMP STATION
 - CONTROL STRUCTURE

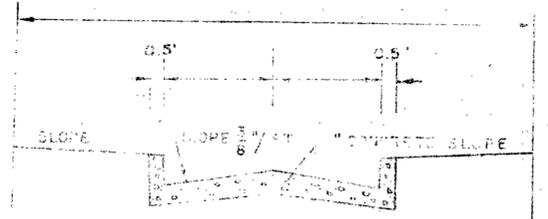
SITE CONSIDERATIONS:
ACCESS VIA LOTUS LANE INTO PARK.



Outfall Asset Number: S-MA 70007444 - 103.39m
 Upstream Sewer Asset Number: None - 0m
 Upstream Manhole Coordinates: 634666.2884E, 5522585.7339N
 Location: 19 VICTORIA ROW

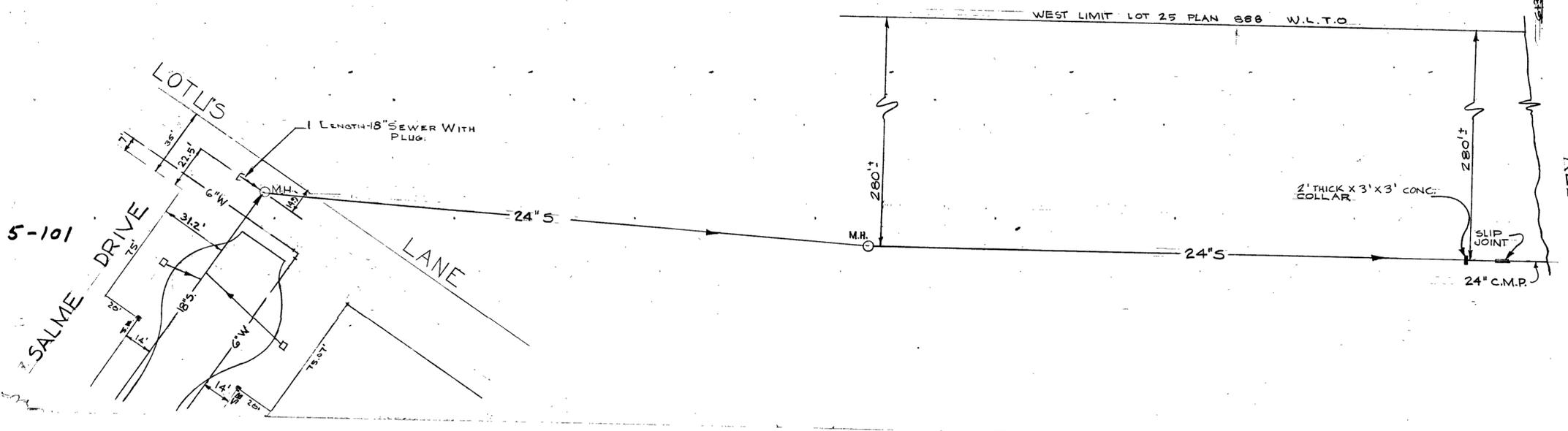


- ALL GRADES SHOWN HAVE BEEN CHECKED BY THE ENGINEER AND FOUND CORRECT.
- ALL GRADES SHOWN ARE APPROXIMATE GRADES. THE EXACT GRADES WILL BE DETERMINED BY THE CONTRACTOR.
- CONCRETE FOR MANHOLES SHALL BE MARKET PORTLAND CEMENT AND SAND.
- INVERTS OF HYDRANT TAPS SHALL BE APPROXIMATELY 2' BELOW THE GRADE OF THE GROUND SURFACE AT THE POINT OF CONNECTION FOR STREET HYDRANT.
- MANHOLE GRADE ELEVATION ON STREET PROPERTY LINE SHALL BE SHOWN ON THIS PLAN. MANHOLE GRADE ELEVATION AT HOUSE MUST BE A MINIMUM OF 6" HIGHER THAN THE PROPERTY LINE GRADE TO ALLOW FOR ADEQUATE DRAINAGE AWAY FROM HOUSE. HOUSE OWNER TO SET GRADE IN FRONT OF HOUSE SO AS TO MEET THE ABOVE GRADE REQUIREMENT.
- STREET INTERSECTION CURVES 50' RADIUS. CURVE POINTS TO BE MARKED EXCEPT WHERE OTHERWISE NOTED.
- ALL MANHOLE SEWER TRENCH SERVICES TO BE INSTALLED PER A STREET WATERMAIN, INV. AT 2' TO BE 10' DEEP UNLESS OTHERWISE SHOWN.
- HOUSE LOTS TO BE GRADED TO A MINIMUM OF 4" ABOVE CORNER OF LOT AND STREET AND AT LEAST 12" ABOVE GEODETIC DATUM.
- ALL CURBS TO BE 6" X 6" REINFORCED CONCRETE.



TYPICAL CROSS SECTION
LEGEND

SYMBOLS	DESCRIPTION
○	SIDEWALK
○	SIDEWALK
○	(IF BOTH SIDEWALKS ARE SAME ELEVATION SYMBOL FOR SIDEWALK IS USED)
○	PAVEMENT
○	OUTLET GRADE



NOTE: OUTFALL PIPE IS ASBESTOS BONDED FULLY COATED C.M.P.



2	REVISED TO AS BUILT	R.M.	OCT. 21/64
1	ADDED SLIP JOINT AND DIMENSIONED OUTFALL SEWER TO WEST LIMIT LOT 25	R.M.	JUNE 24/64
10	REVISIONS	BY	DATE

CITY OF ST. JAMES
LOCATION AND GRADE OF
OUTFALL SEWER
LOTUS LANE TO RED RIVER

DESIGNED BY: R.C.I.
CHECKED BY: B.F.
DATE: MARCH 20, 1964

ENGINEERING COMPANY
SCALE: HOR. 1" = 40'
VERT. AS SHOWN
PLAN NO.: SV-5-101

MICROFILMED

RUE PLINGUET OUTFALL – (S-MA70041411)

**300 MILLIMETER DIAMETER COMBINED SEWER OUTFALL LOCATED WEST END OF RUE
PLINGUET AT SEINE RIVER**



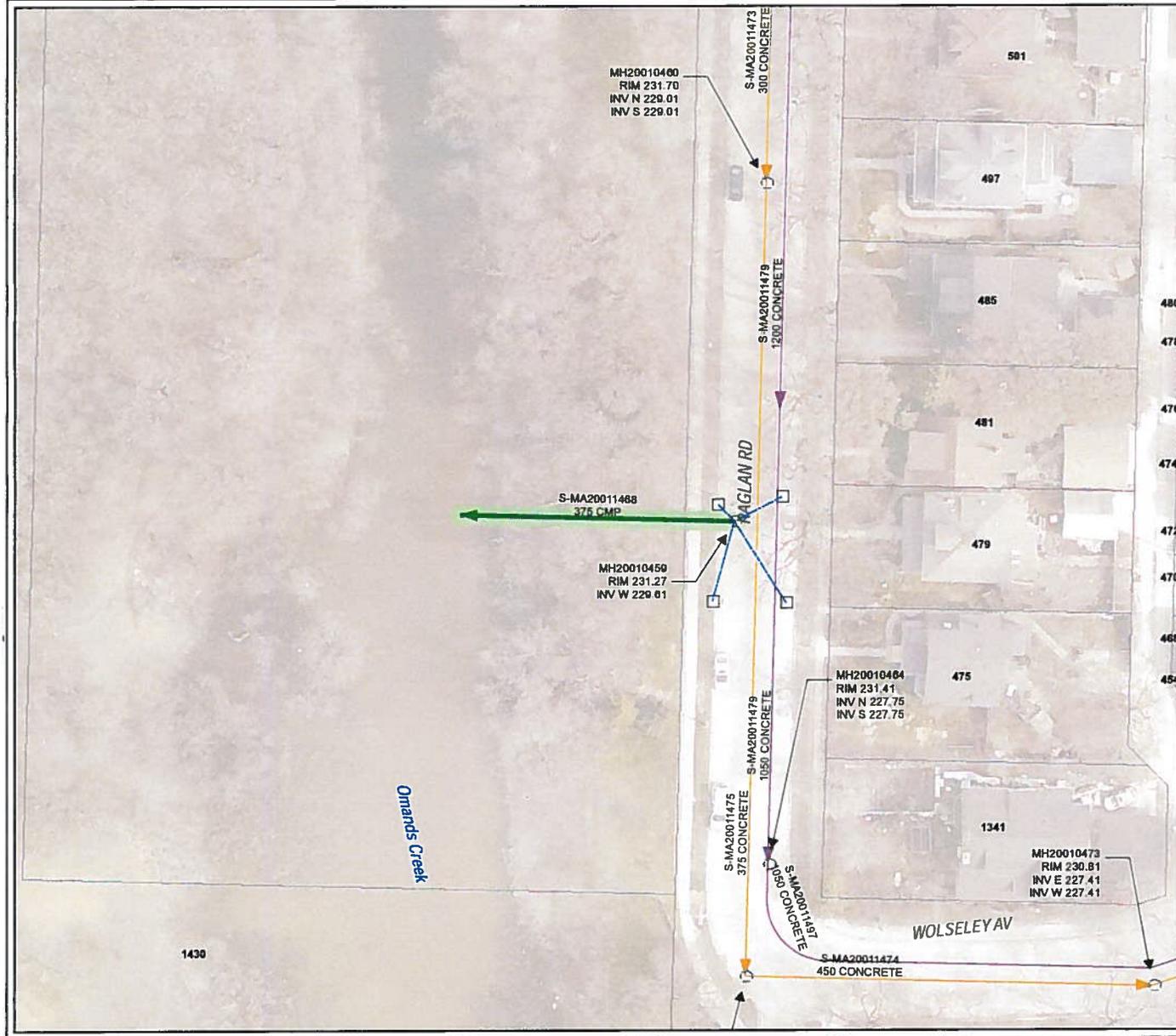
- LEGEND**
- CS
 - LDS
 - SEWER MANHOLE

SITE CONSIDERATIONS:

Outfall Asset Number: S-MA70041411 - 11.76m
 Upstream Sewer Asset Number: None - 0m
 Upstream Manhole Coordinates: 636095.9541E, 5528394.7429N
 Location: 503 RUE PLINGUET

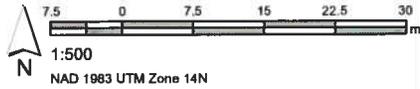
RAGLAN ROAD OUTFALL – (S-MA20011468)

**375 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL LOCATED OPPOSITE OF 471
RAGLAN ROAD AT OMANDS CREEK**



- LEGEND**
- CS
 - SRS
 - WWS
 - CB Lead
 - SEWER MANHOLE
 - CATCH BASIN

SITE CONSIDERATIONS:



Outfall Asset Number: S-MA20011468 - 34.14m
Upstream Sewer Asset Number: None - 0m
Upstream Manhole Coordinates: 629960.7655E, 5526838.7751N
Location: 479 RAGLAN RD

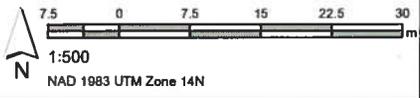
VALLEY VIEW DRIVE OUTFALL – (S-MA20000078)

**400 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL LOCATED BETWEEN 40 AND 38
VALLEY VIEW DRIVE AT STURGEON CREEK**



- LEGEND**
- LDS
 - WWS
 - CB Lead
 - SEWER MANHOLE
 - CATCH BASIN

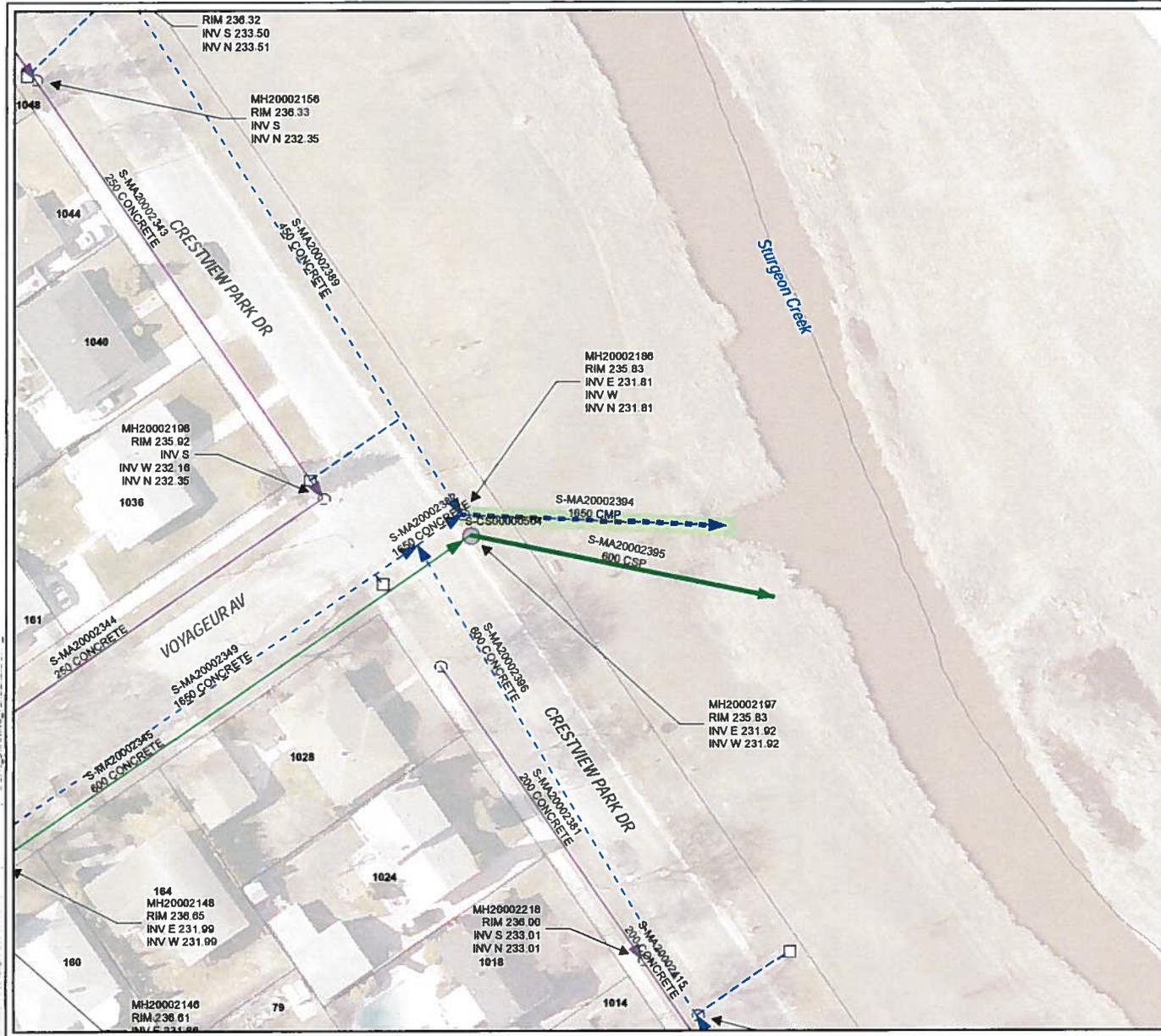
SITE CONSIDERATIONS:



Outfall Asset Number: S-MA20000078 - 59.1m
 Upstream Sewer Asset Number: None - 0m
 Upstream Manhole Coordinates: 623041.0928E, 5627969.0077N
 Location: 38 VALLEY VIEW DR

VOYAGEUR AVENUE OUTFALL – (S-MA20002394)

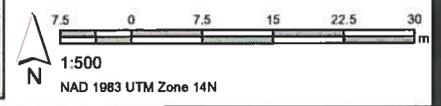
**1650 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL LOCATED NORTHEAST END
OF VOYAGEUR AVENUE AT STURGEON CREEK**



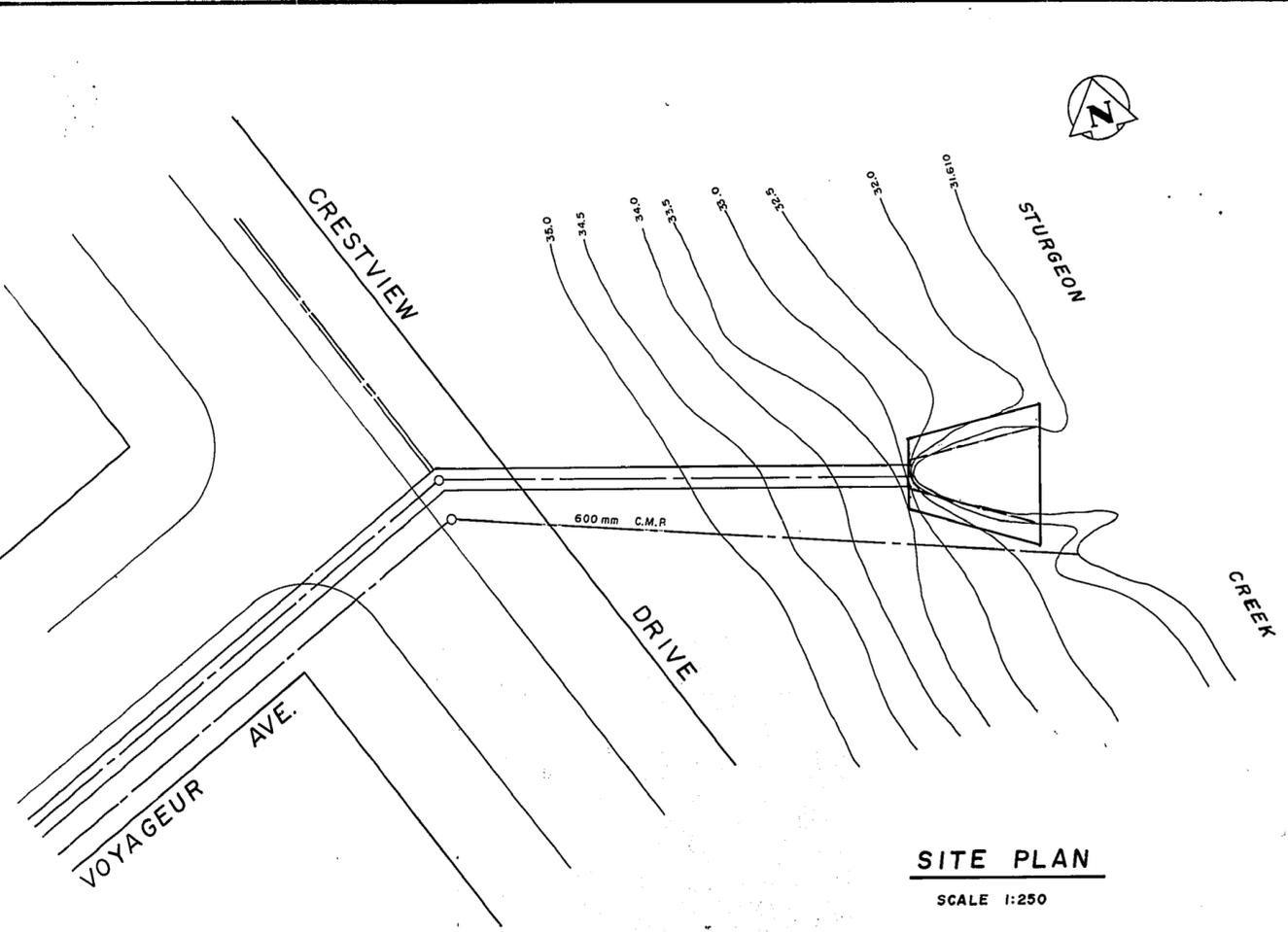
LEGEND

- LDS
- SRS
- WWS
- CB Lead
- SEWER MANHOLE
- CATCH BASIN
- CONTROL STRUCTURE

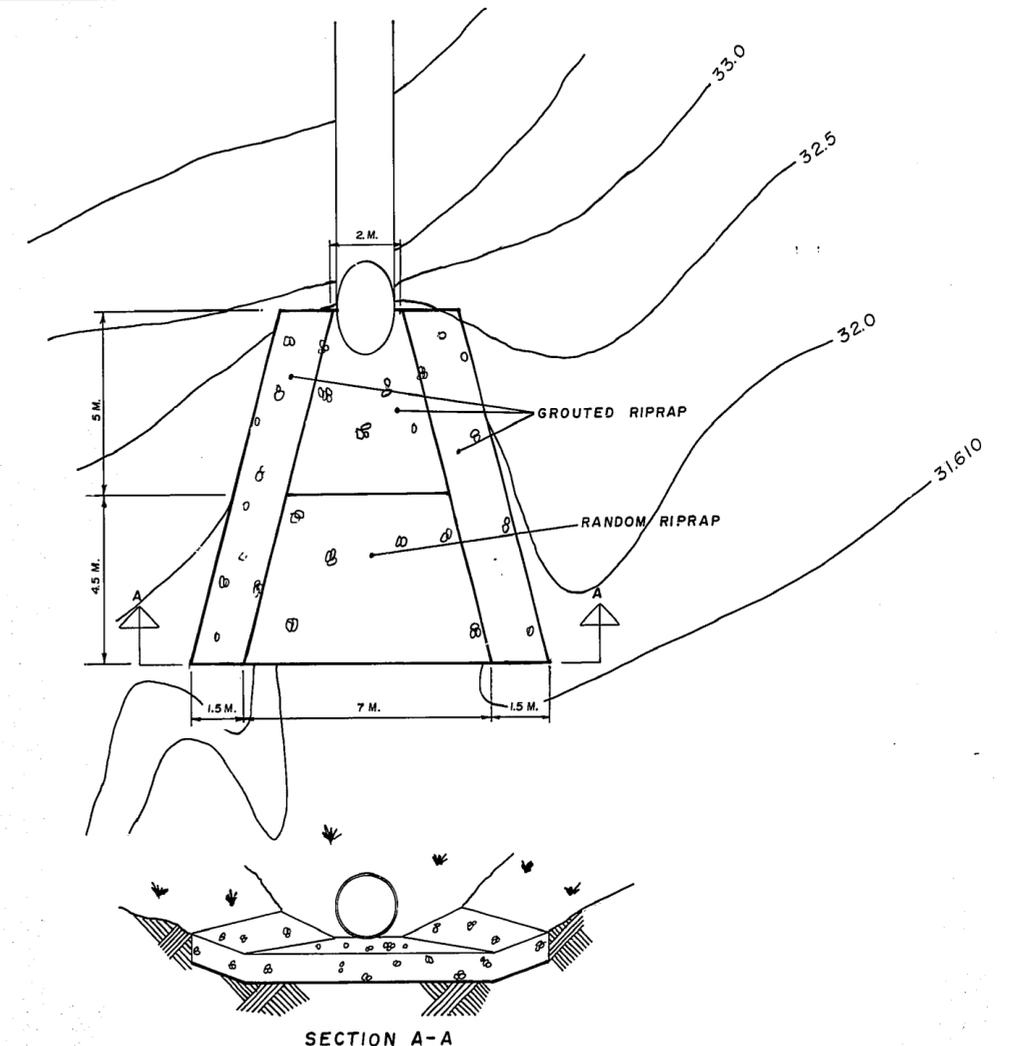
SITE CONSIDERATIONS:



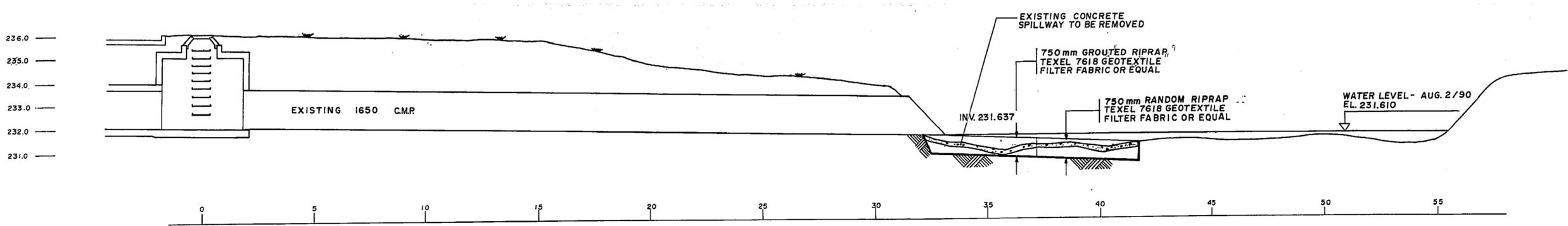
Outfall Asset Number: S-MA20002394 - 33.04m
 Upstream Sewer Asset Number: None - 0m
 Upstream Manhole Coordinates: 622563.5334E, 5528561.3708N
 Location: VOYAGEUR AVE & CRESTVIEW PARK DR



SITE PLAN
SCALE 1:250



OUTFALL PLAN VIEW
SCALE 1:100



ELEVATION
SCALE 1:100

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.	WATERMAIN	150 mm W.M.
300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	M.T.S.	300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	HYDRANT	300 mm L.D.S.
250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	CONCRETE	250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	VALVE	250 mm W.W.S.
MANHOLE	MANHOLE	PROPERTY LINE	ASPHALT	PROPERTY LINE	ASPHALT	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE
CATCH BASIN	CATCH BASIN	SURVEY BAR	CULVERT	SURVEY BAR	CULVERT	SURVEY BAR	SURVEY BAR	SURVEY BAR
CURB INLET	CURB INLET	EXISTING	GAS	EXISTING	GAS	EXISTING	LEGEND-PLAN	PROPOSED
JUNCTIONS	JUNCTIONS	LEGEND-PLAN	LEGEND-PROFILE	LEGEND-PLAN	LEGEND-PROFILE	LEGEND-PLAN	LEGEND-PLAN	LEGEND-PROFILE
CULVERT	CULVERT	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED	PROPOSED
GAS	GAS	EXISTING	LEGEND-PLAN	PROPOSED	LEGEND-PROFILE	PROPOSED	LEGEND-PLAN	LEGEND-PROFILE

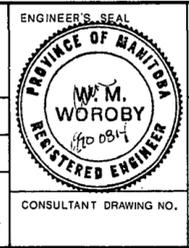
LOCATION APPROVED UNDERGROUND STRUCTURES

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. 40-018 236.982	DESIGNED BY H.H.P.	CHECKED BY [Signature]
1 AS-BUILT	DRAWN BY H.H.P.	APPROVED BY [Signature]
	HOR. SCALE: AS SHOWN	RELEASED FOR CONSTRUCTION: [Signature]
	VERTICAL: AS SHOWN	DATE
NO. REVISIONS	DATE	BY

DISTRICT 2 OPERATIONS	
DESIGNED BY H.H.P.	CHECKED BY [Signature]
DRAWN BY H.H.P.	APPROVED BY [Signature]
HOR. SCALE: AS SHOWN	RELEASED FOR CONSTRUCTION: [Signature]
VERTICAL: AS SHOWN	DATE



THE CITY OF WINNIPEG
WORKS AND OPERATIONS DIVISION
DISTRICT 2

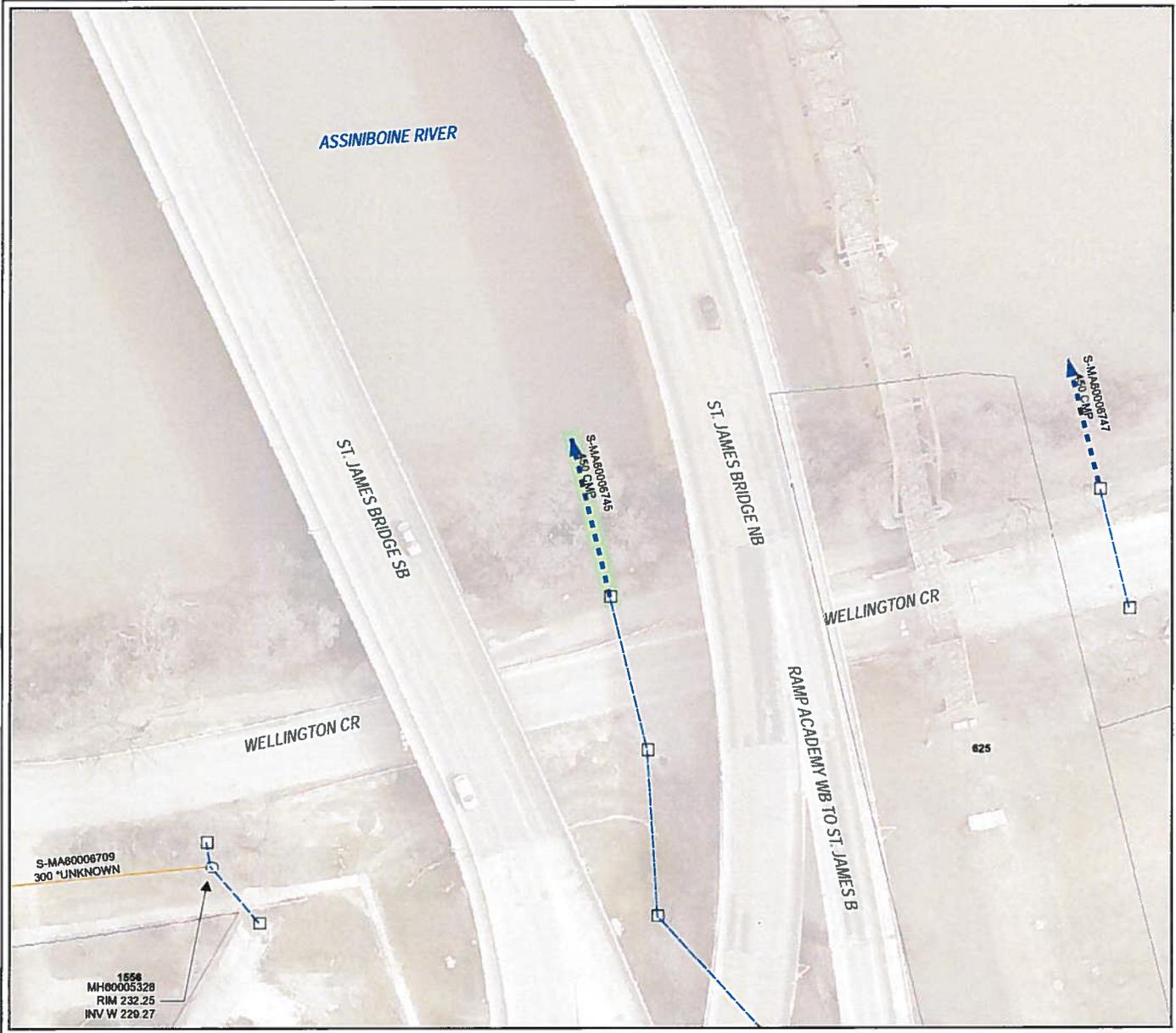
VOYAGEUR AVENUE
STORM SEWER
OUTFALL RECONSTRUCTION

ENGINEER'S SEAL
W.M. WOROBY
REGISTERED ENGINEER
910 081-1
CONSULTANT DRAWING NO.

CITY DRAWING NUMBER
SHEET 1 OF 1
957-D

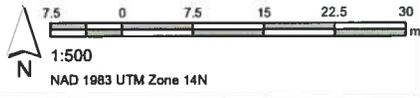
WELLINGTON CRESCENT OUTFALL – (S-MA60006745)

**450 MILLIMETER DIAMETER LAND DRAINAGE SEWER OUTFALL LOCATED BETWEEN THE
ST. JAMES BRIDGES AT ASSINIBOINE RIVER**



- LEGEND**
- CS
 - LDS
 - CB Lead
 - SEWER MANHOLE
 - CATCH BASIN

SITE CONSIDERATIONS:
ASSET ACCESS AT RISK



Outfall Asset Number: S-MA60006745 - 20.36m
 Upstream Sewer Asset Number: None - 0m
 Upstream Manhole Coordinates: 629149.2823E; 5526440.9061N
 Location: WELLINGTON CRES & KENASTON BLVD

S-MA60006709
300 *UNKNOWN

1558
MH00005328
RIM 232.25
INV W 229.27

S-MA60006745
150 CMC

S-MA60006741
150 CMC

625