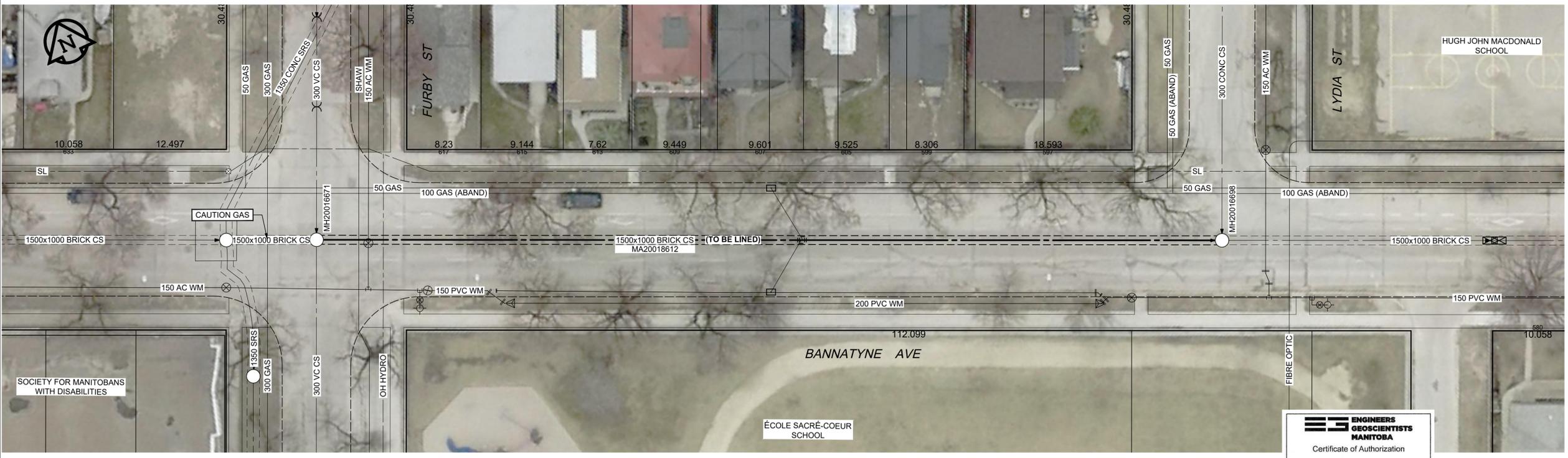
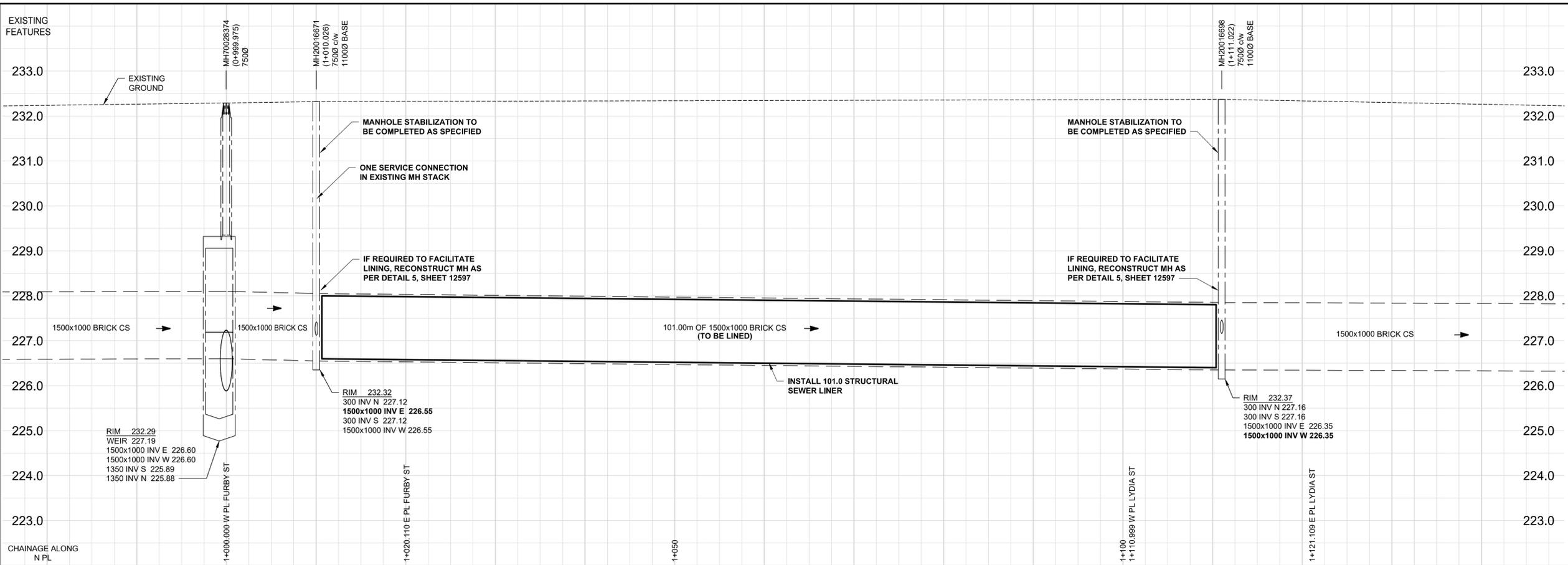


D SIZE 22" x 34" (559mm x 864mm)

PLOT: 10/20/2020 2:13:33 PM

AECOM REVIEW DRFT CHK
AECOM FILE NAME: 60622950-SHT-00-0000-C-1002.dwg, Saved By: ccooper@k



SEWER JUNCTION INFORMATION

SERVICE COUNT	STATION	CLOCK
1	1023.626	1
2	1023.826	11
3	1026.626	9
4	1026.626	3
5	1037.522	9
6	1037.322	3
7	1046.022	2
8	1047.422	9
9	1056.712	2
10	1064.372	3
11	1064.472	9
12	1066.992	3
13	1066.992	9
14	1077.222	2
15	1077.222	10
16	1084.622	11
17	1086.892	2
18	1087.272	9
19	1097.422	10
20	1097.122	3
21	1097.672	9

SEWER REHABILITATION NOTES:

- INSTALL ONE OF THE FOLLOWING REHABILITATION SYSTEMS:
 - CIPP
 - GRP
 - CCCP
- EXISTING SEWER DETERIORATION STATE: FULLY DETERIORATED
- MINIMUM POST LINING DIMENSIONS: 1296mm x 796mm
- EXTEND REHABILITATION SYSTEM TO THE EDGE OF THE EXISTING MANHOLE OPENINGS AS SHOWN IN DETAIL 2, SHEET 12597
- CIPP REHABILITATION SHALL UTILIZE A PIPE ACCESS SHAFT AT ONE OF THE EXISTING MANHOLES, IF REQ'D
- GRP AND CCCP REHABILITATION MAY UTILIZE A PIPE ACCESS SHAFT AT EITHER OF THE EXISTING MANHOLES OR AT A MID POINT.
- SEE PIPELINE CLOSURE AND MANHOLE RECONSTRUCTION DETAILS ON SHEET 12597

GENERAL CONSTRUCTION NOTES:

- RESTORE SITE TO EXISTING CONDITIONS UPON COMPLETION OF WORK
- TRAFFIC CONTROL
 - REGIONAL STREET LANE CLOSURE REQUIRED: NO
 - IMPACTED REGIONAL STREET: N/A
 - RESIDENTIAL STREET RESTRICTIONS APPLY

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 WM	WATERMAIN	150 WM	CURB STOP	150 WM	WATERMAIN	150 WM	WATERMAIN
○	HYDRANT	○	REDUCER	+	HYDRANT	+	HYDRANT
○	VALVE	○	COUPLING	+	VALVE	+	VALVE
○	LAND DRAINAGE SEWER	○	ANODE	+	LAND DRAINAGE SEWER	+	LAND DRAINAGE SEWER
○	WASTE WATER SEWER	○	HYDRO	+	WASTE WATER SEWER	+	WASTE WATER SEWER
○	MANHOLE	○	MTS	+	PAVEMENT CROWN	+	PAVEMENT CROWN
○	CATCH BASIN	○	GAS	+	N/W PROPERTY LINE	+	N/W PROPERTY LINE
○	CURB INLET	○	TESTHOLE	+	S/E PROPERTY LINE	+	S/E PROPERTY LINE
○	CULVERT	○	LAMP STANDARD	+	N/W GUTTER	+	N/W GUTTER
○	PIPE ABANDONMENTS	○	TREE	+	S/E GUTTER	+	S/E GUTTER
○	LEGEND - PLAN	○	LEGEND - PLAN	○	LEGEND - PROFILE	○	LEGEND - PROFILE

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE
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.	ISSUED FOR CONSTRUCTION	DATE	BY
0	ISSUED FOR CONSTRUCTION	20/10/16	KLC
	REVISIONS	YYMMDD	BY

AECOM

DESIGNED BY: TJB
CHECKED BY: CCM
DRAWN BY: KLC
APPROVED BY: KWF
HOR. SCALE: 1:250
VERT. SCALE: 1:50
RELEASED FOR CONSTRUCTION
DATE: Oct 16/20

PROFESSIONAL'S SEAL
ENGINEERS
GEO-SCIENTISTS
MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: Oct 20/20

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2020 TRENCHLESS REHABILITATION OF
NON-CIRCULAR COMBINED SEWERS
CONTRACT 2
PLAN / PROFILE
BANNATYNE AVENUE
FURBY STREET TO LYDIA STREET

SHEET 2 OF 6
CITY DRAWING NUMBER
12593
REV 0

TENDER NO. 459-2020