

HILLSIDE DRIVE RECONSTRUCTION
CITY OF ELLIOT LAKE, ONTARIO
CONTRACT RDS 23-07

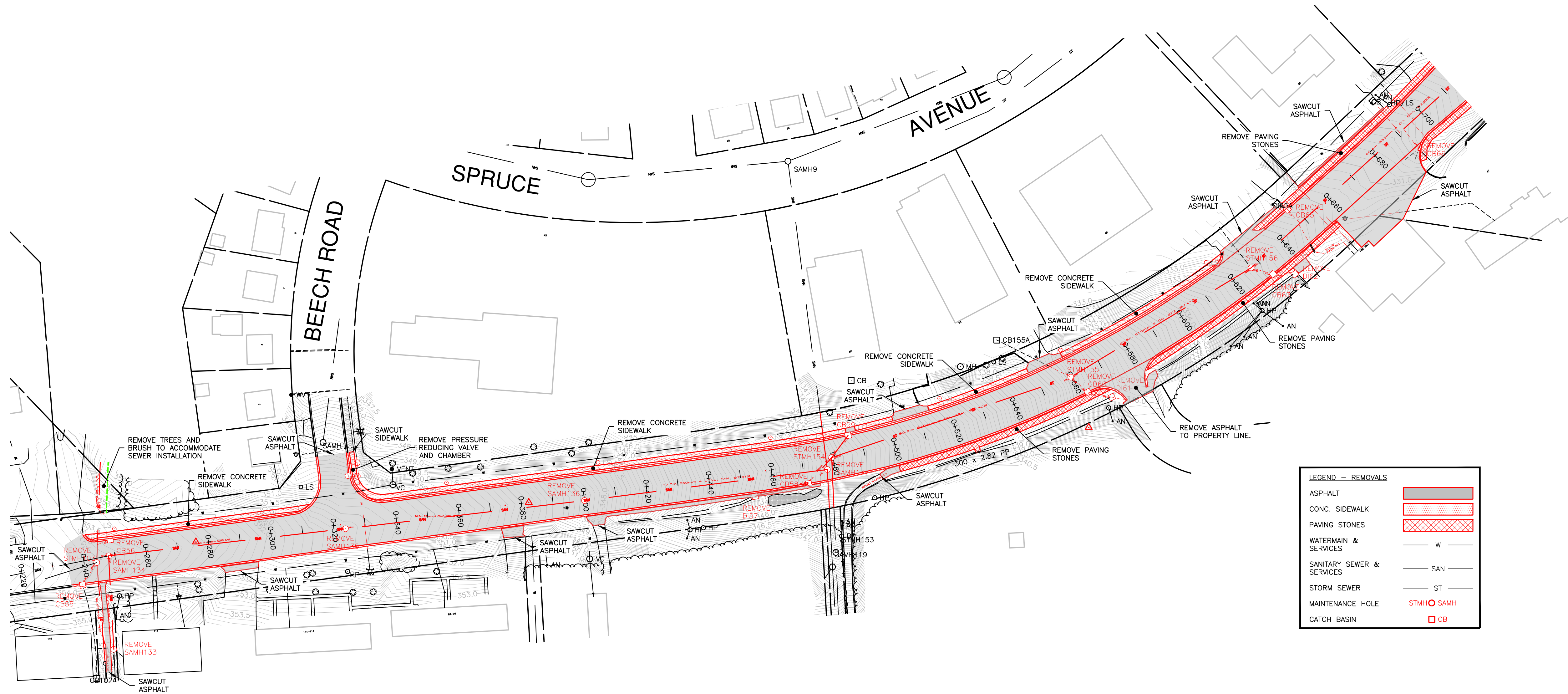
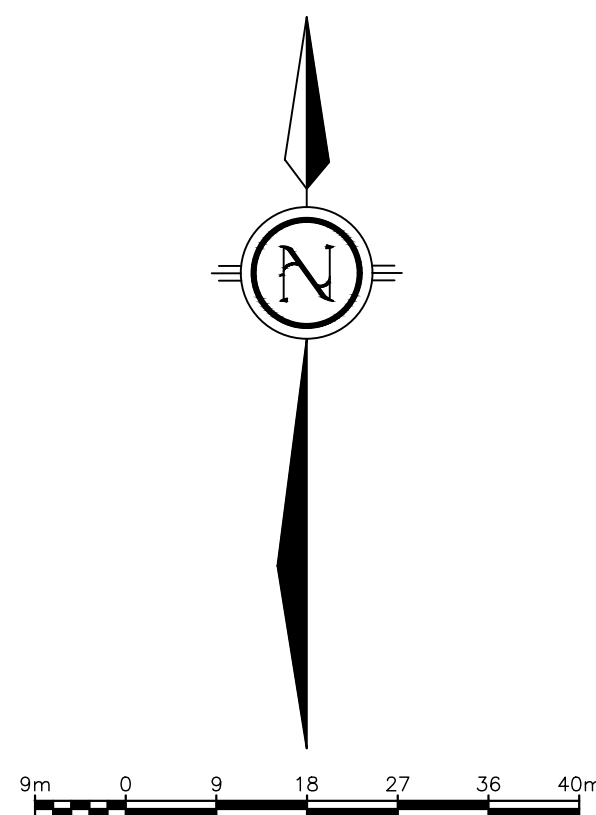
LOCATION PLAN
SCALE = 1:10,000



LIST OF CIVIL DRAWINGS		
No.	Rev.	DRAWING DESCRIPTION
R1	0	REMOVALS PLAN
P1	0	PLAN & PROFILE 0+230 to 0+415
P2	0	PLAN & PROFILE 0+415 to 0+590
P3	0	PLAN & PROFILE 0+590 to 0+770
P4	0	PLAN & PROFILE 0+770 to 0+950
P5	0	PLAN & PROFILE 0+950 to 1+120
P6	0	PLAN & PROFILE STMH161 to STMH164
P7	0	SANITARY CLEANING & CCTV PLAN
G1	0	DETAILS & TYPICAL SECTIONS
G2	0	NOTES & STRUCTURE SCHEDULES
PM1	0	PAVEMENT MARKINGS

LIST OF ROADWAY LIGHTING DRAWINGS		
No.	Rev.	DRAWING DESCRIPTION
RL1	0	ROADWAY LIGHTING GENERAL NOTES
RL2	0	ROADWAY LIGHTING LEGEND
RL3	0	ROADWAY LIGHTING PERMANENT EQUIP. CHARTS I
RL4	0	ROADWAY LIGHTING PERMANENT EQUIP. CHARTS II
RL5	0	ROADWAY LIGHTING PERM. EQUIP. LAYOUT I
RL6	0	ROADWAY LIGHTING PERM. EQUIP. LAYOUT II
RL7	0	ROADWAY LIGHTING PERM. EQUIP. LAYOUT III
RL8	0	ROADWAY LIGHTING PERM. EQUIP. LAYOUT IV
RL9	0	ROADWAY LIGHTING PERM. EQUIP. LAYOUT V
RL10	0	ROADWAY LIGHTING WIRING DIAGRAM CHARTS I
RL11	0	ROADWAY LIGHTING WIRING DIAGRAM LAYOUT I
RL12	0	ROADWAY LIGHTING INSTALLATION DETAILS I
RL13	0	ROADWAY LIGHTING INSTALLATION DETAILS II
RL14	0	ROADWAY LIGHTING INSTALLATION DETAILS III
RL15	0	ROADWAY LIGHTING EQUIP. REMOVAL CHARTS I
RL16	0	ROADWAY LIGHTING EQUIP. REMOVAL LAYOUT I
RL17	0	ROADWAY LIGHTING EQUIP. REMOVAL LAYOUT II
RL18	0	ROADWAY LIGHTING EQUIP. REMOVAL LAYOUT III
RL19	0	ROADWAY LIGHTING EQUIP. REMOVAL LAYOUT IV
RL20	0	ROADWAY LIGHTING EQUIP. REMOVAL LAYOUT V

LIST OF TRAFFIC SIGNALS DRAWINGS		
No.	Rev.	DRAWING DESCRIPTION
TS1	0	GENERAL NOTES & LEGEND
TS2	0	TEMPORARY TRAFFIC SIGNAL EQUIPMENT CHARTS
TS3	0	TEMPORARY TRAFFIC SIGNAL LAYOUT
TS4	0	EXISTING TRAFFIC SIGNAL REMOVALS
TS5	0	PERMANENT TRAFFIC SIGNAL EQUIPMENT CHARTS
TS6	0	PERMANENT TRAFFIC SIGNAL LAYOUT
TS7	0	TEMPORARY TRAFFIC SIGNAL REMOVALS



LEGEND - REMOVALS	
ASPHALT	
CONC. SIDEWALK	
PAVING STONES	
WATERMAIN & SERVICES	
SANITARY SEWER & SERVICES	
STORM SEWER	
MAINTENANCE HOLE	
CATCH BASIN	



OWNER



DESIGNER



REVISIONS

No	DATE	REMARKS

LEGEND - EXISTING

INDEX CONTOUR (0.5m INTERVAL)		143
INTERMEDIATE CONTOUR (0.1m INTERVAL)		
PROPERTY LINE		
SURVEY MONUMENT		SIB
EDGE OF ASPHALT		
EDGE OF GRAVEL		
CONCRETE SIDEWALK		
PAVING STONES		
DITCH LINE		
WOOD OUTLINE		
AERIAL HYDRO		
AERIAL BELL		
AERIAL BELL & HYDRO		
UNDERGROUND GAS		
UNDERGROUND BELL		
UTILITY POLE		
UTILITY ANCHOR		
MAINTENANCE HOLE		
CATCH BASIN		
TERMINAL BOX		
FIRE HYDRANT		
WATER VALVE		
WATERMAIN		
SANITARY SEWER		
STORM SEWER		

PROJECT TITLE

HILLSIDE DRIVE NORTH
RECONSTRUCTION

DRAWING TITLE

REMOVALS PLAN

LOCATION

CITY OF ELLIOT
LAKE, ONTARIO

DATE OCTOBER 2023

DRAWN DAS

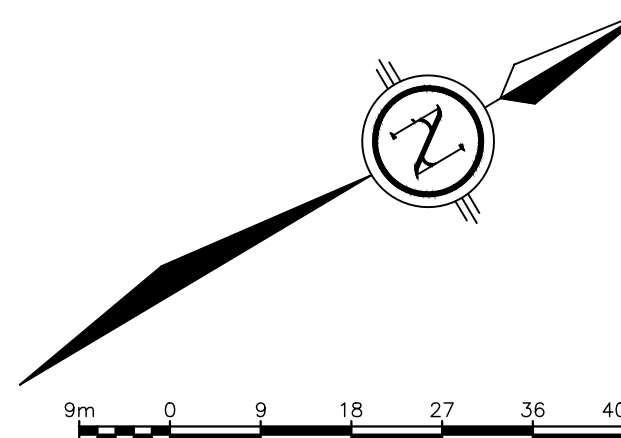
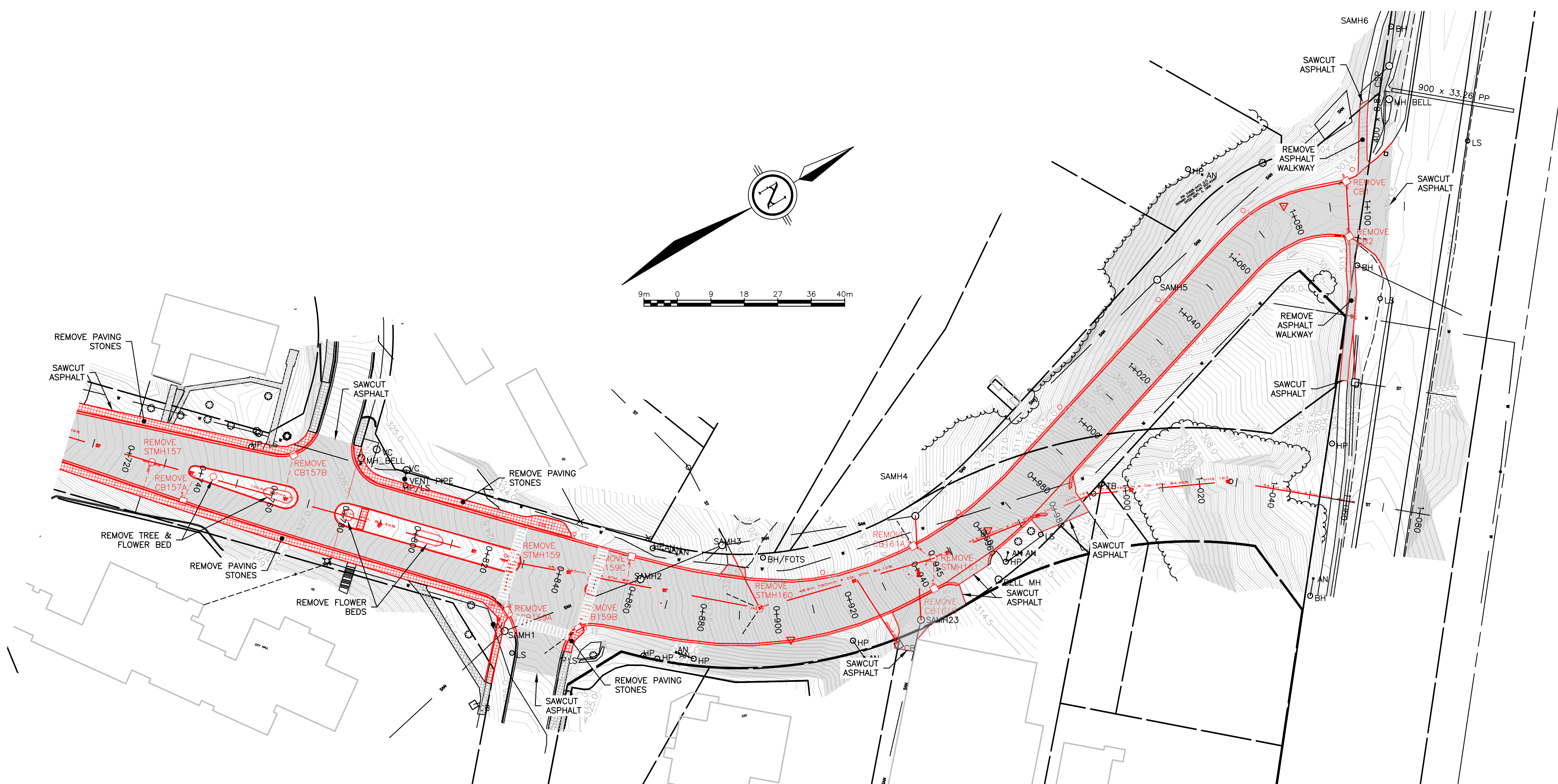
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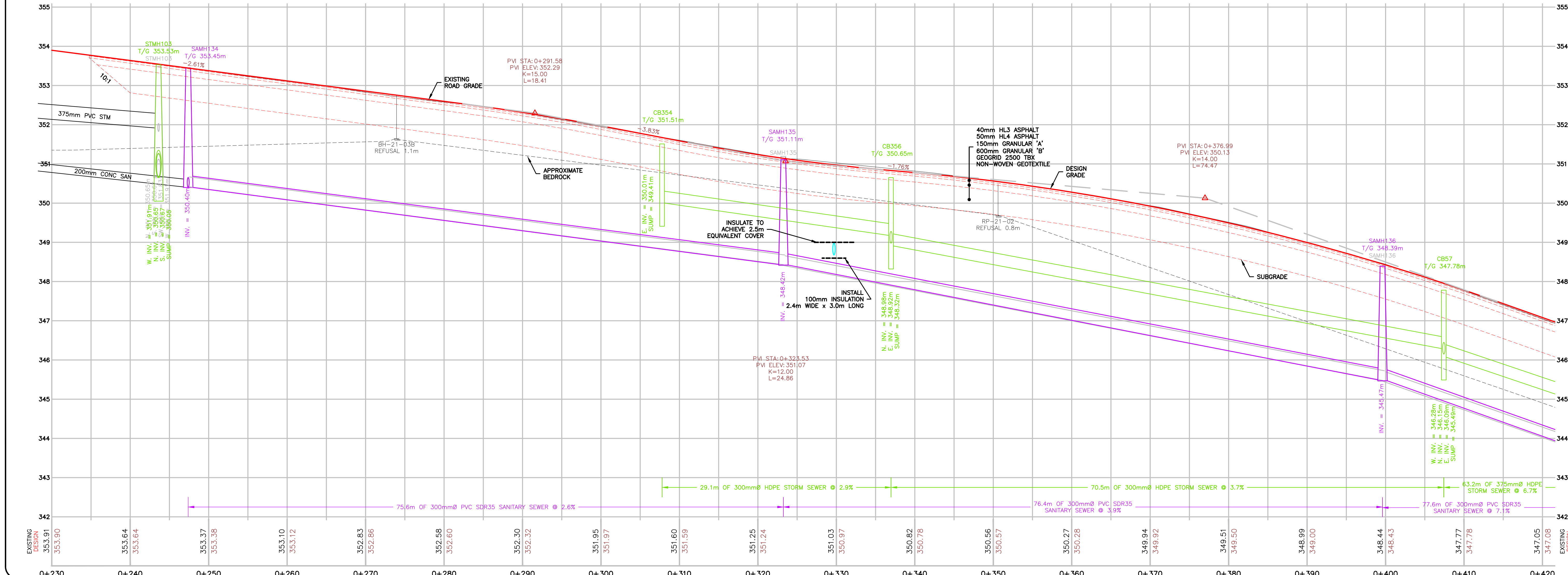
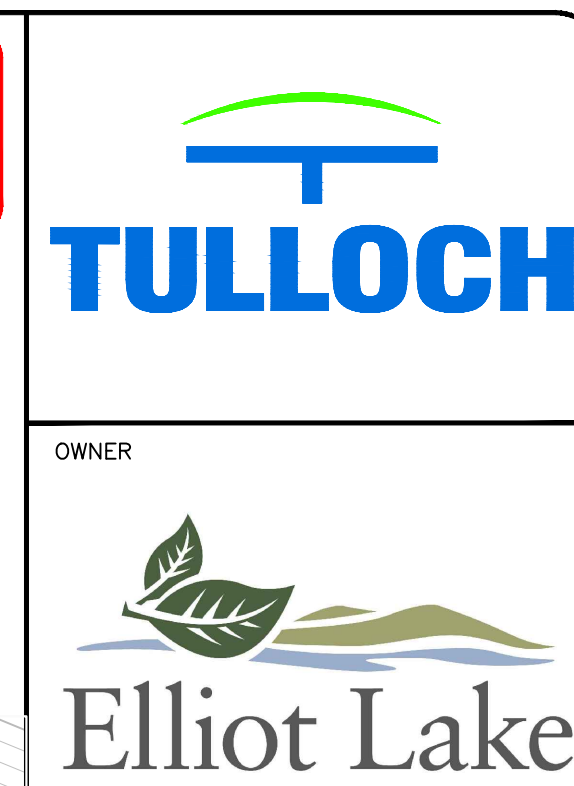
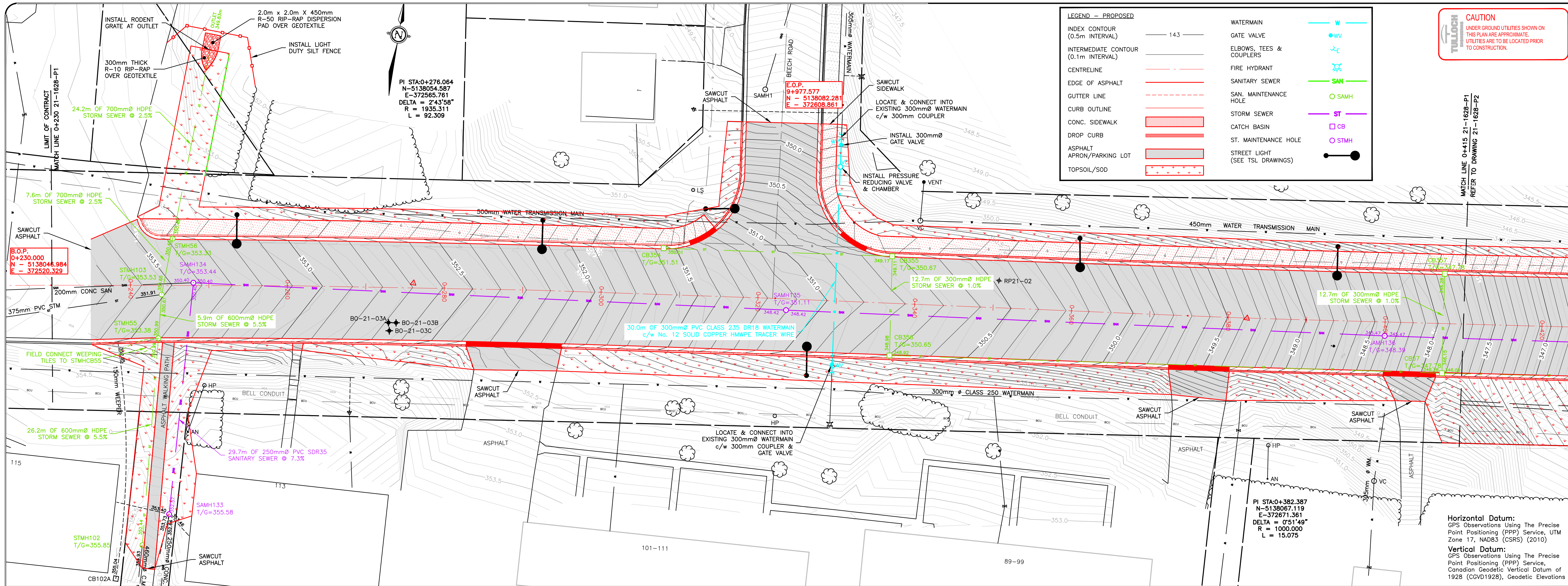
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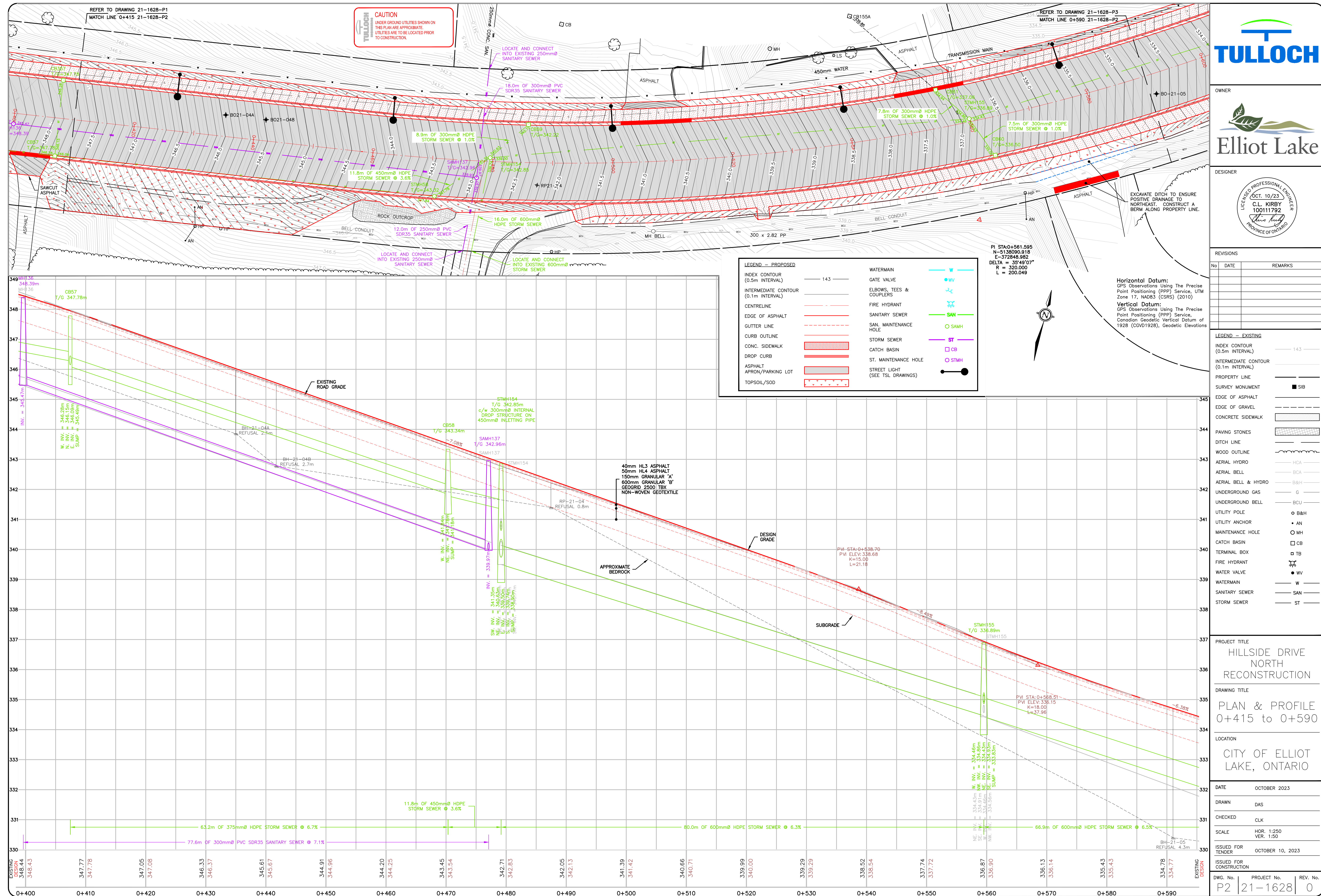
ISSUED FOR TENDER OCTOBER 10, 2023

ISSUED FOR CONSTRUCTION

DWG. No.	PROJECT No.	REV. No.
R1	21-1628	0



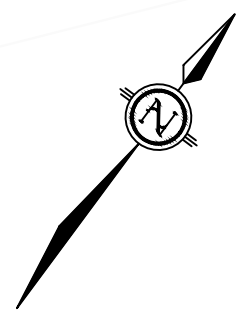




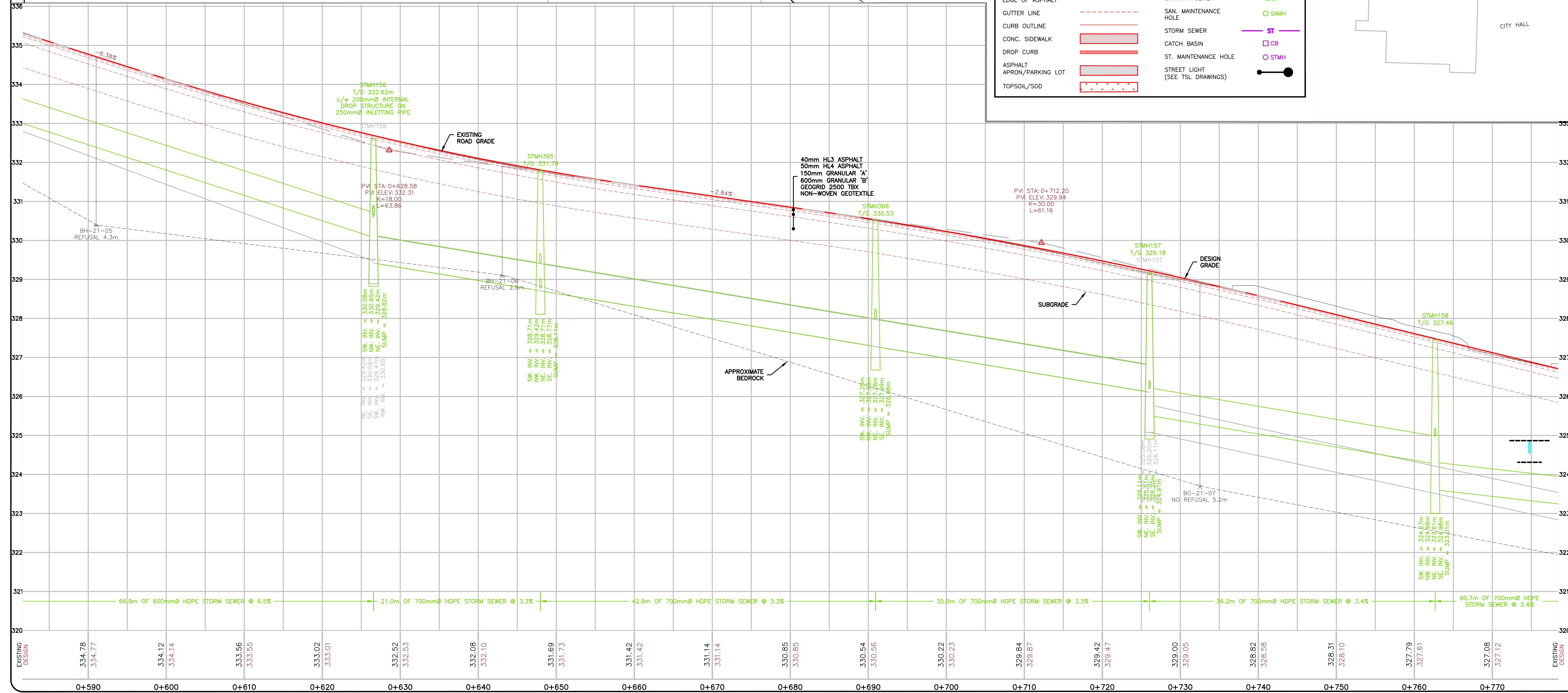
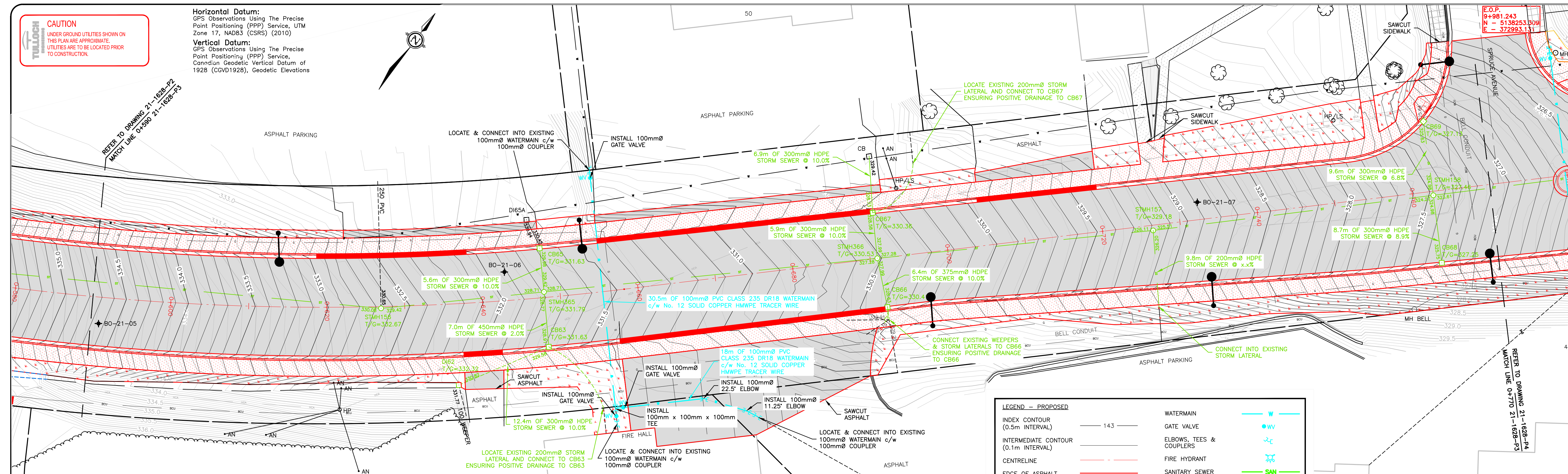


Horizontal Datum:
GPS Observations Using The Precise
Point Positioning (PPP) Service, UTM
Zone 17, NAD83 (CSRS) (2010)

Vertical Datum:
GPS Observations Using The Precise
Point Positioning (PPP) Service,
Canadian Geodetic Vertical Datum of
1928 (CGVD1928), Geodetic Elevations



REFER TO DRAWING 21-1628-P2
MATCH LINE 0-590 21-1628-P3

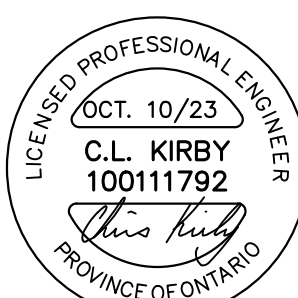


OWNER



Elliot Lake

DESIGNER



REVISIONS

[illegible]

LEGEND - EXISTING

INDEX CONTOUR (0.5m INTERVAL)		14.3
INTERMEDIATE CONTOUR (0.1m INTERVAL)		
PROPERTY LINE		
SURVEY MONUMENT		SIB
EDGE OF ASPHALT		
EDGE OF GRAVEL		
CONCRETE SIDEWALK		
PAVING STONES		
DITCH LINE		
WOOD OUTLINE		
AERIAL HYDRO		HCA
AERIAL BELL		BCA
AERIAL BELL & HYDRO		B&H
UNDERGROUND GAS		G
UNDERGROUND BELL		BCU
UTILITY POLE		B&H
UTILITY ANCHOR		AN
MAINTENANCE HOLE		MH
CATCH BASIN		CB
TERMINAL BOX		TB
FIRE HYDRANT		
WATER VALVE		WV
WATERMAIN		W
SANITARY SEWER		ST
STORM SEWER		SN

7	PROJECT TITLE
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HILLSIDE DRIVE
NORTH
RECONSTRUCTION

DRAWING TITLE

PLAN & PROFILE
0+590 to 0+770

LOCATION

CITY OF ELLIOT
LAKE, ONTARIO

DATE	OCTOBER 2023
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DRAWN DAS

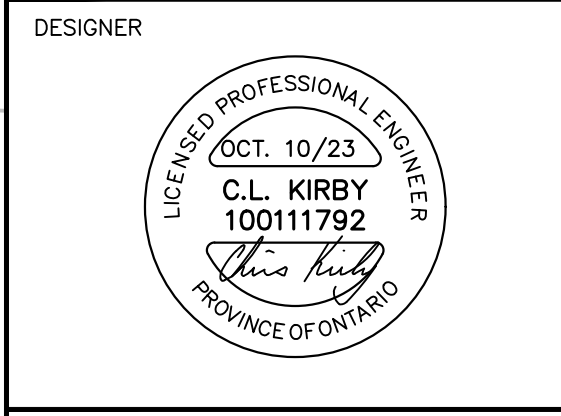
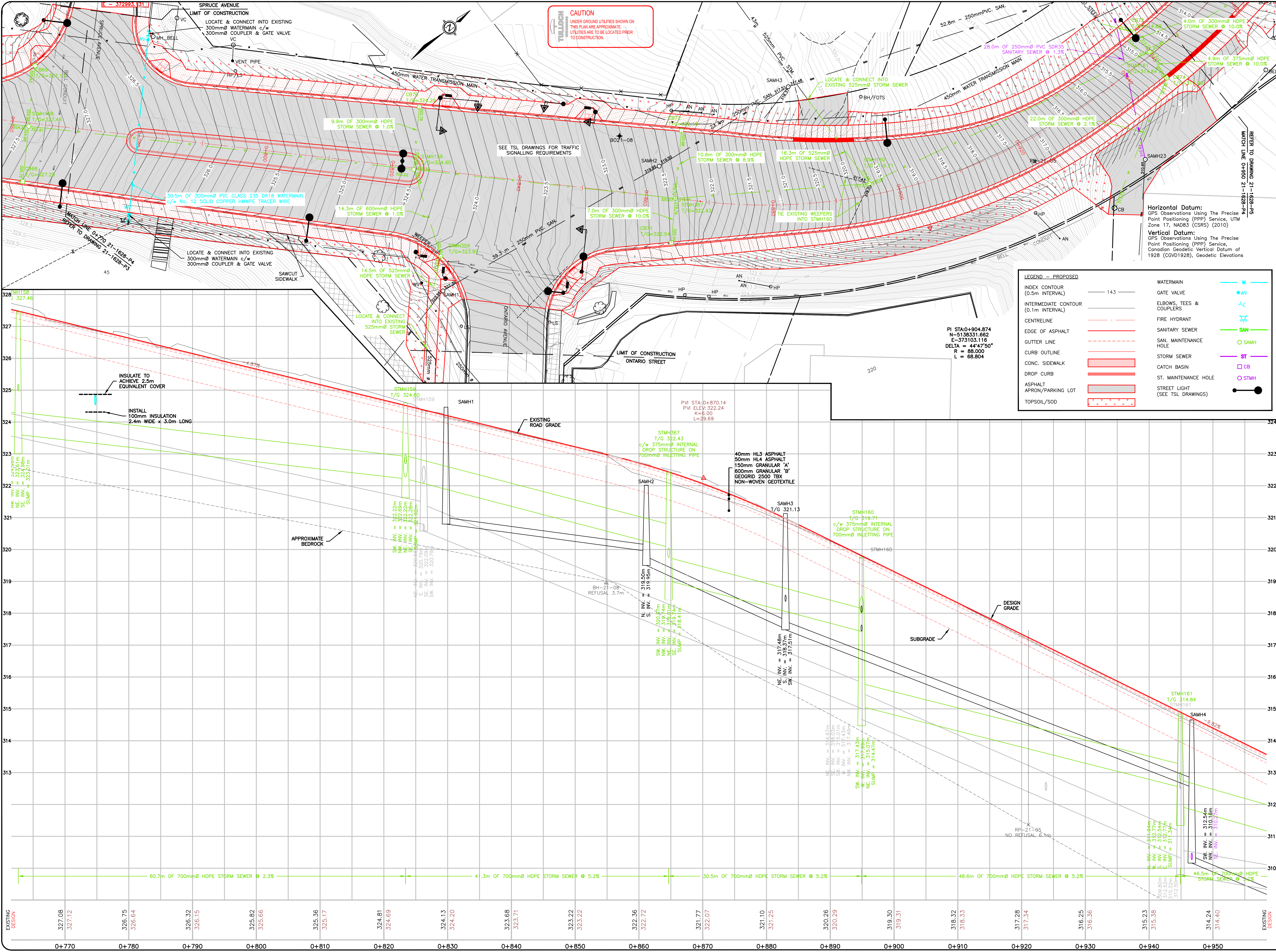
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VER. 1:50

ISSUED FOR TENDER OCTOBER 10, 2023

ISSUED FOR
CONSTRUCTION

DWG. No.	PROJECT No.	REV. No
P3	21-1628	0



REVISIONS		
No.	DATE	REMARKS

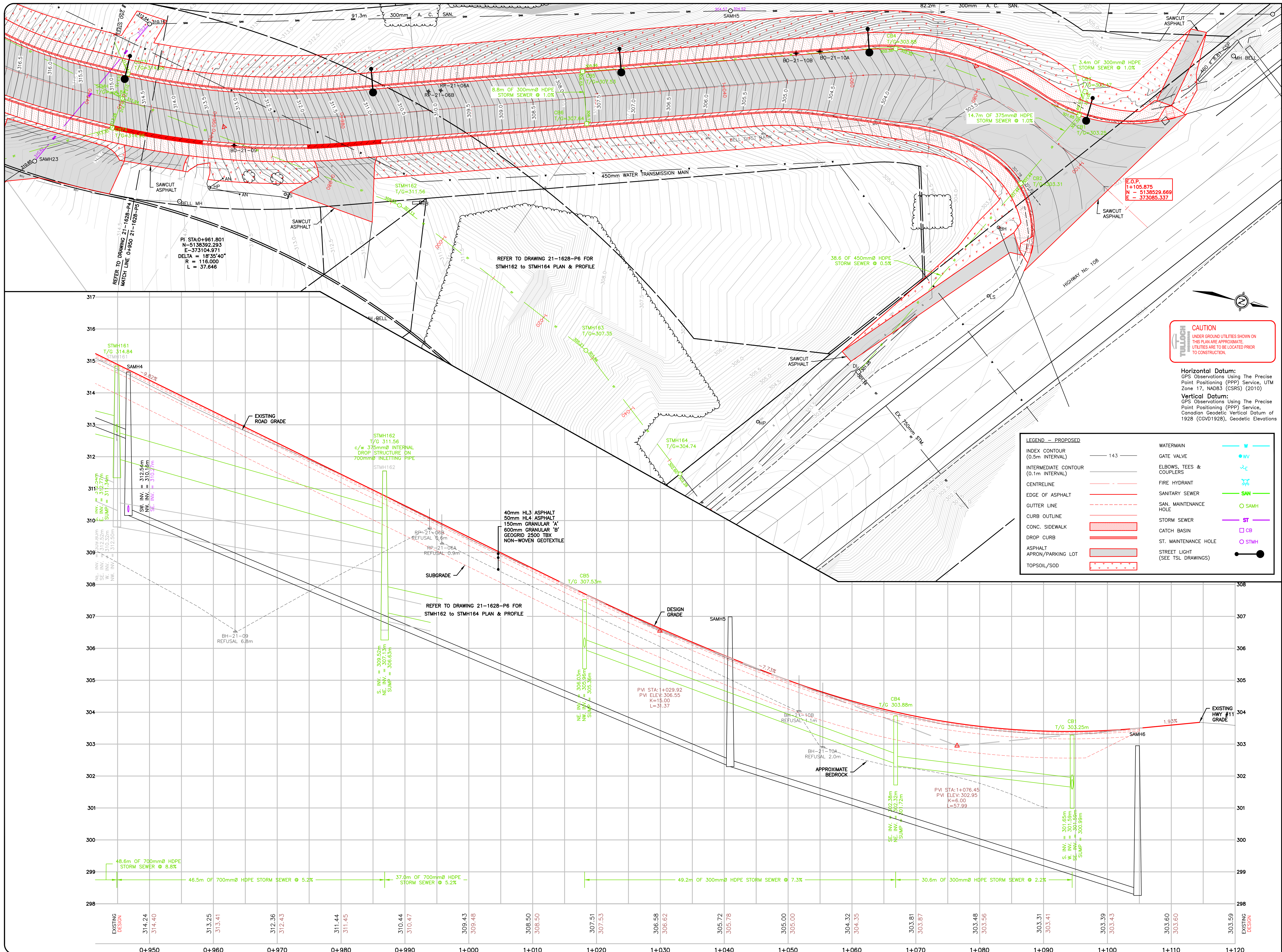
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INDEX CONTOUR (0.5m INTERVAL)	143
INTERMEDIATE CONTOUR (0.1m INTERVAL)	
PROPERTY LINE	SIB
SURVEY MONUMENT	SIB
EDGE OF ASPHALT	
EDGE OF GRAVEL	
CONCRETE SIDEWALK	
PAVING STONES	
DITCH LINE	
WOOD OUTLINE	
AERIAL HYDRO	HCA
AERIAL BELL	BGA
AERIAL BELL & HYDRO	B&H
UNDERGROUND GAS	G
UNDERGROUND BELL	BCU
UTILITY POLE	B&H
UTILITY ANCHOR	AN
MAINTENANCE HOLE	MH
CATCH BASIN	CB
TERMINAL BOX	TB
FIRE HYDRANT	WV
WATER VALVE	WV
WATERMAIN	W
SANITARY SEWER	SAN
STORM SEWER	ST

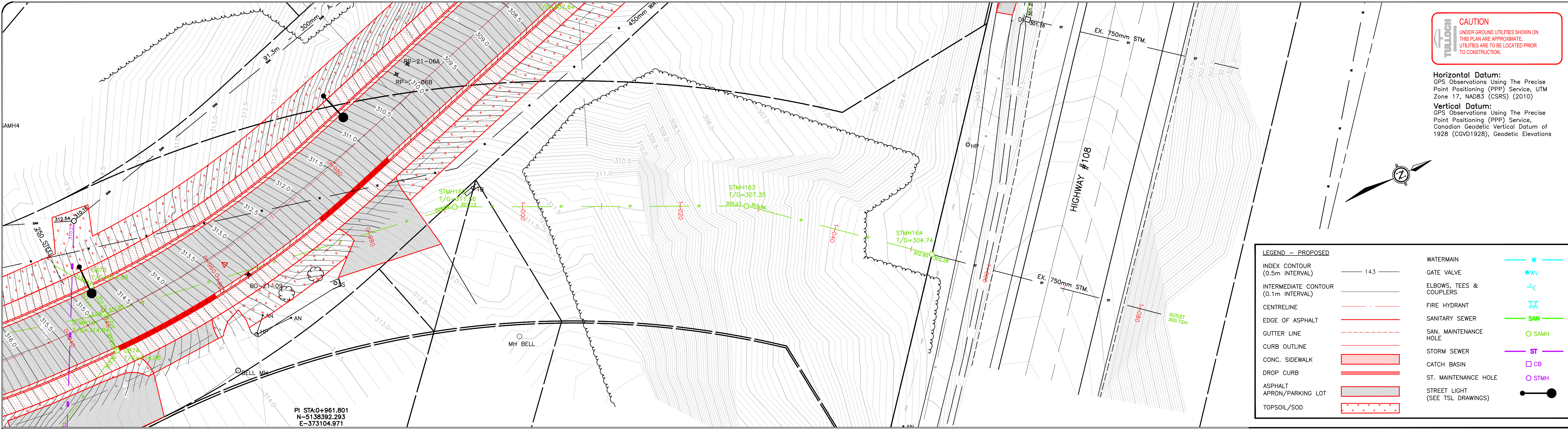
PROJECT TITLE
HILLSIDE DRIVE
NORTH
RECONSTRUCTION

DRAWING TITLE
PLAN & PROFILE
0+770 to 0+950

LOCATION
CITY OF ELLIOT
LAKE, ONTARIO

DATE	OCTOBER 2023		
DRAWN	DAS		
CHECKED	CLK		
SCALE	HOR. 1:250 VER. 1:50		
ISSUED FOR TENDER	OCTOBER 10, 2023		
ISSUED FOR CONSTRUCTION			
DWG. No.	PROJECT No.	REV. No.	
P4	21-1628	0	







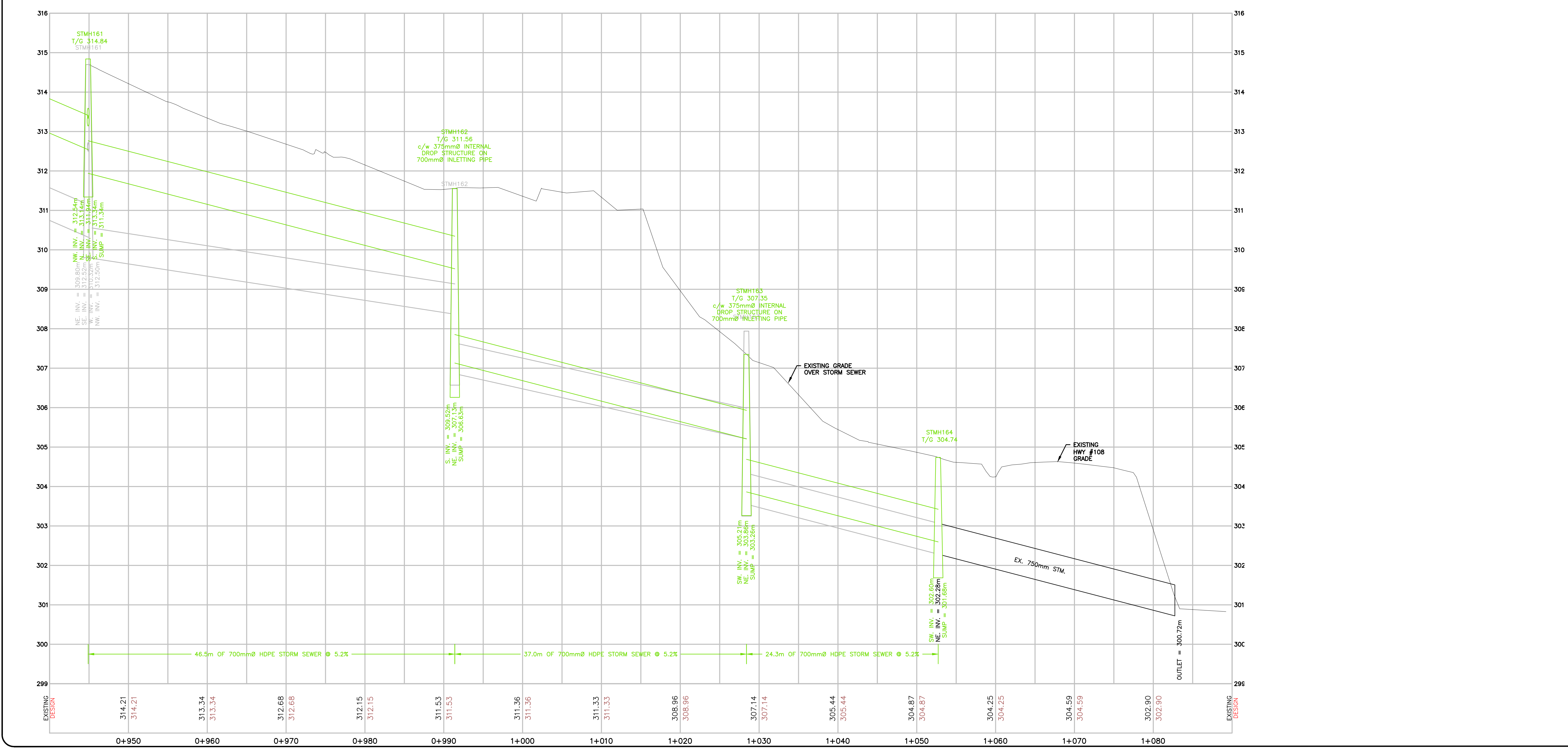
OWNER



DESIGNER



REVISIONS		
No.	DATE	REMARKS



LEGEND - EXISTING

INDEX CONTOUR (0.5m INTERVAL) — 143 —

INTERMEDIATE CONTOUR (0.1m INTERVAL) — —

PROPERTY LINE — —

SURVEY MONUMENT — ■ SIB —

EDGE OF ASPHALT — —

EDGE OF GRAVEL — —

CONCRETE SIDEWALK — —

PAVING STONES — —

DITCH LINE — —

WOOD OUTLINE — —

AERIAL HYDRO — HCA —

AERIAL BELL — BGA —

AERIAL BELL & HYDRO — B&H —

UNDERGROUND GAS — G —

UNDERGROUND BELL — BCU —

UTILITY POLE — ○ B&H —

UTILITY ANCHOR — • AN —

MAINTENANCE HOLE — ○ MH —

CATCH BASIN — □ CB —

TERMINAL BOX — □ TB —

FIRE HYDRANT — —

WATER VALVE — ● WV —

WATERMAIN — — W —

SANITARY SEWER — — SAN —

STORM SEWER — — ST —

PROJECT TITLE

HILLSIDE DRIVE NORTH RECONSTRUCTION

DRAWING TITLE

PLAN & PROFILE STMH161 to STMH 164

LOCATION

CITY OF ELLIOT LAKE, ONTARIO

DATE

OCTOBER 2023

DRAWN

DAS

CHECKED

CLK

SCALE

HOR. 1:250
VER. 1:50

ISSUED FOR TENDER

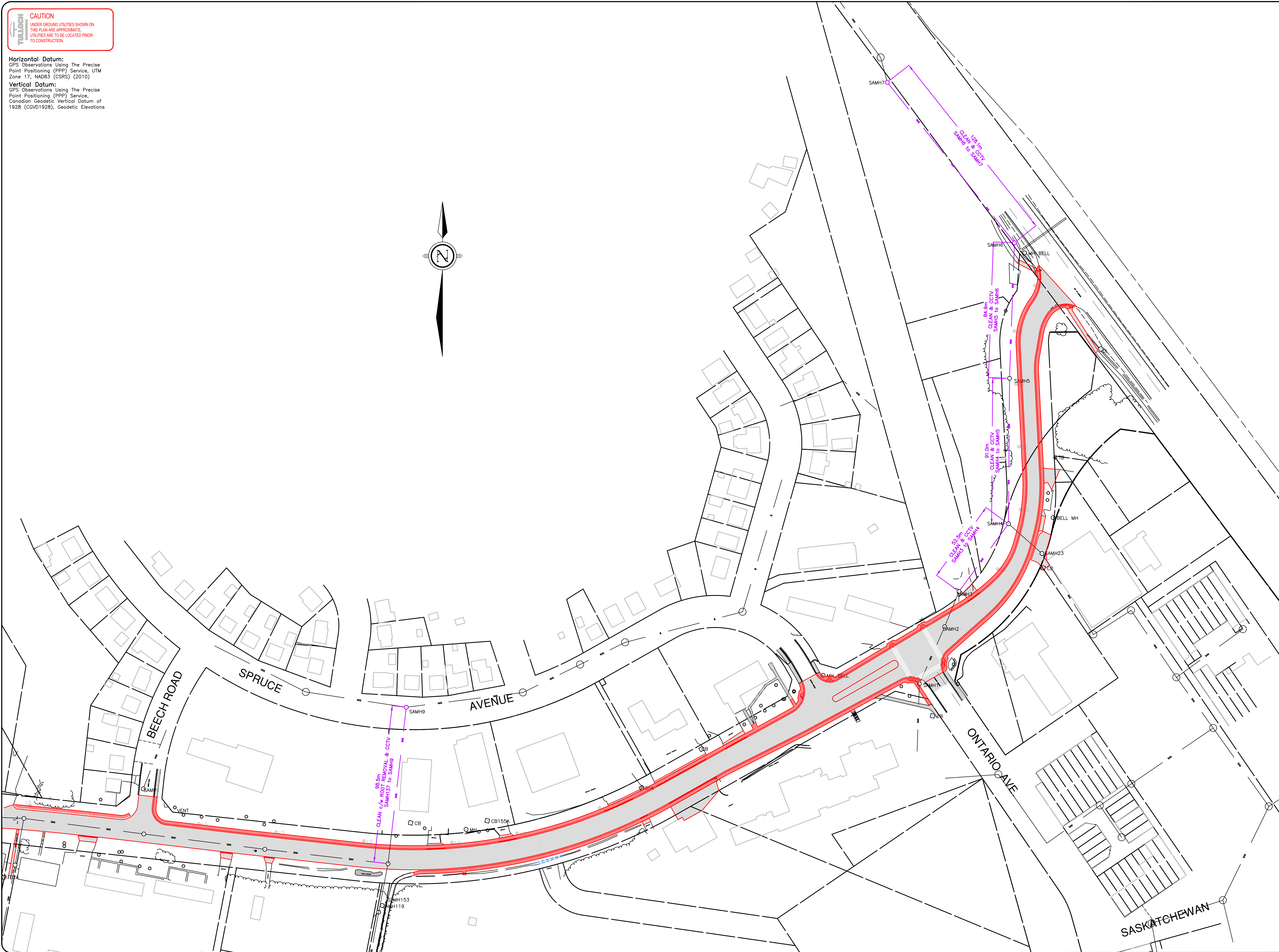
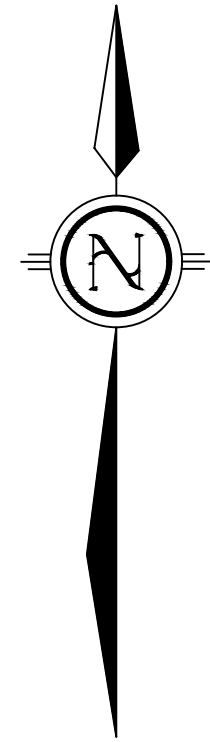
OCTOBER 10, 2023

ISSUED FOR CONSTRUCTION

DWG. No. PROJECT No. REV. No.
P6 21-1628 0

CAUTION
UNDER GROUND UTILITIES SHOWN ON
THIS PLAN ARE APPROXIMATE.
UTILITIES ARE TO BE LOCATED PRIOR
TO CONSTRUCTION.

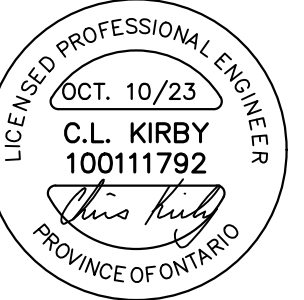
Horizontal Datum:
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Zone 17, NAD83 (CSRS) (2010)
Vertical Datum:
GPS Observations Using The Precise
Point Positioning (PPP) Service,
Canadian Geodetic Vertical Datum of
1928 (CGVD1928), Geodetic Elevations



OWNER



DESIGNER



REVISIONS

No	DATE	REMARKS

LEGEND -- EXISTING

INDEX CONTOUR (0.5m INTERVAL)	143
INTERMEDIATE CONTOUR (0.1m INTERVAL)	
PROPERTY LINE	
SURVEY MONUMENT	■ SIB
EDGE OF ASPHALT	
EDGE OF GRAVEL	
CONCRETE SIDEWALK	
PAVING STONES	
DITCH LINE	
WOOD OUTLINE	
AERIAL HYDRO	HCA
AERIAL BELL	B&H
AERIAL BELL & HYDRO	B&H
UNDERGROUND GAS	G
UNDERGROUND BELL	BCU
UTILITY POLE	○ B&H
UTILITY ANCHOR	• AN
MAINTENANCE HOLE	○ MH
CATCH BASIN	□ CB
TERMINAL BOX	□ TB
FIRE HYDRANT	⦿
WATER VALVE	● WV
WATERMAIN	— W —
SANITARY SEWER	— SAN —
STORM SEWER	— ST —

PROJECT TITLE

HILLSIDE DRIVE
NORTH
RECONSTRUCTION

DRAWING TITLE

SANITARY
CLEANING & CCTV

LOCATION

CITY OF ELLIOT
LAKE, ONTARIO

DATE OCTOBER 2023

DRAWN DAS

CHECKED CLK

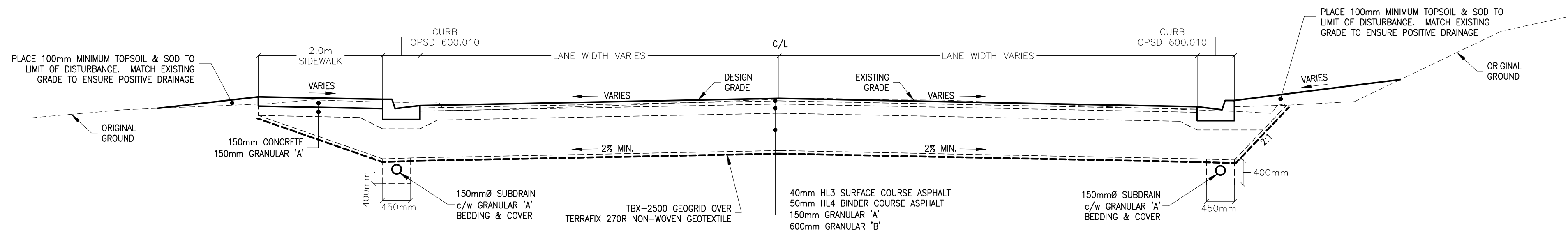
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ISSUED FOR TENDER OCTOBER 10, 2023

ISSUED FOR CONSTRUCTION

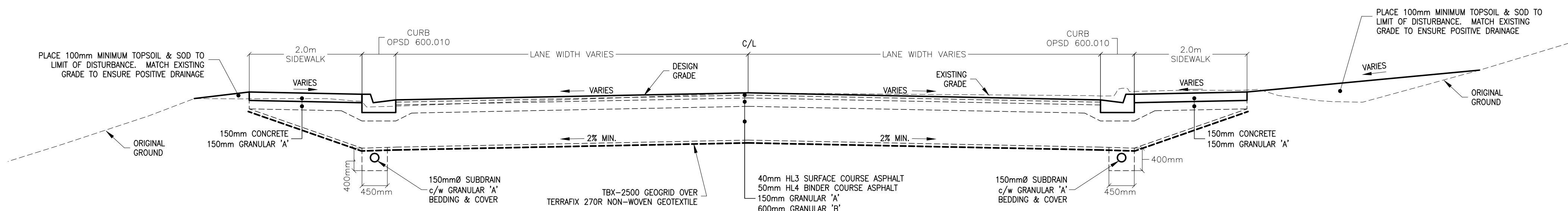
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No	DATE	REMARKS



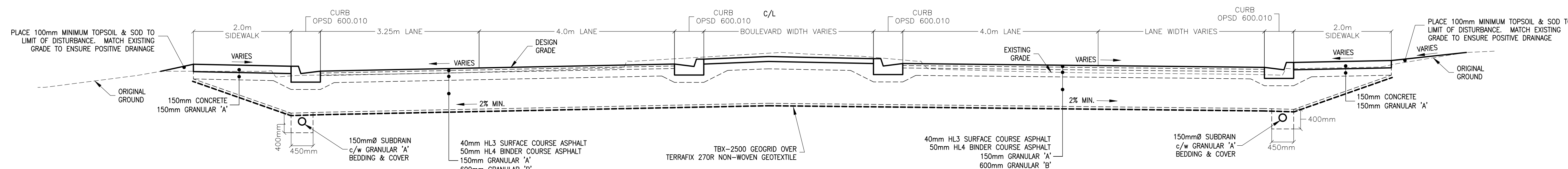
TYPICAL ROAD SECTION - 0+230 to 0+495

SCALE 1:50



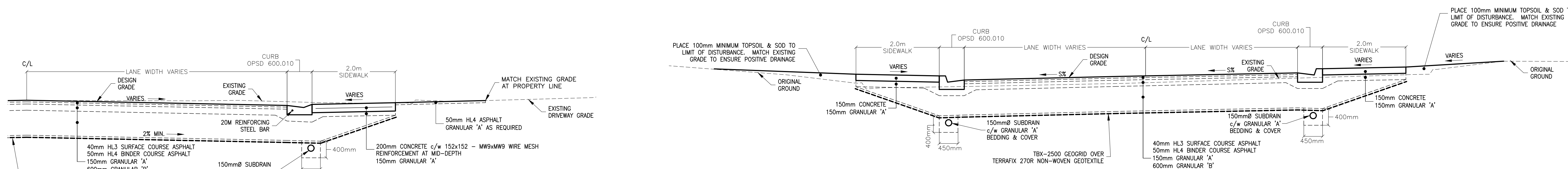
TYPICAL ROAD SECTION - 0+495 to 0+778 AND 1+025 to END

SCALE 1:50



TYPICAL ROAD SECTION - 0+778 to 0+825

SCALE 1:50

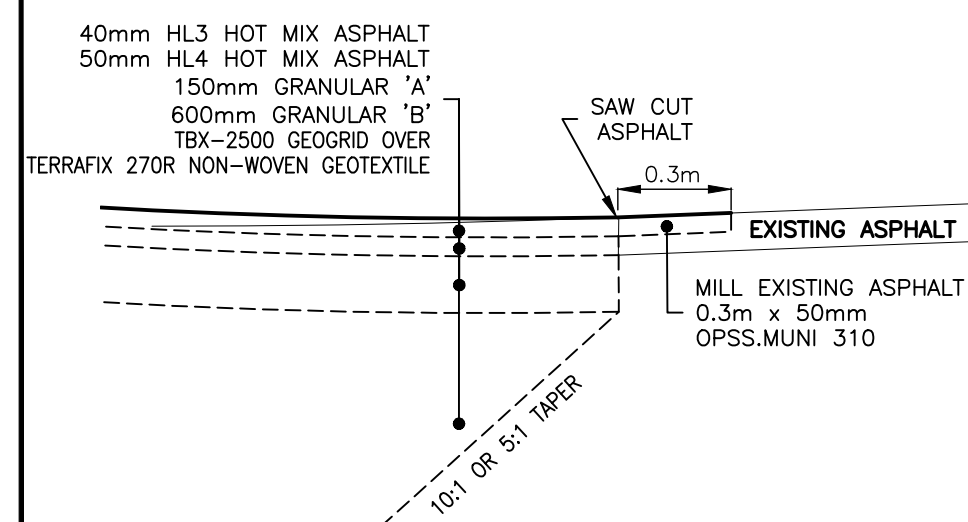


TYPICAL ROAD SECTION - 0+825 to 1+025

SCALE 1:50

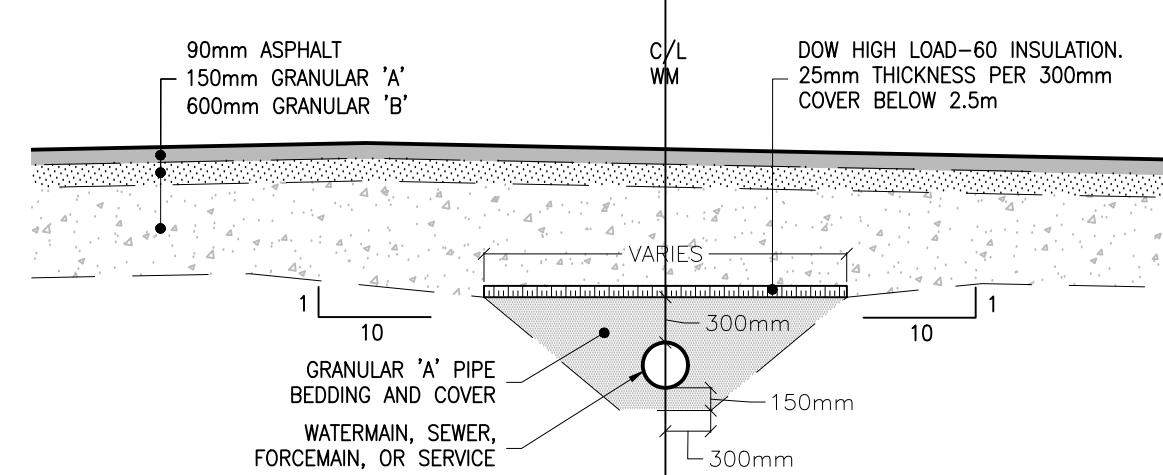
TYPICAL ENTRANCE SECTION

SCALE 1:50



ASPHALT STEP JOINT DETAIL

N.T.S.

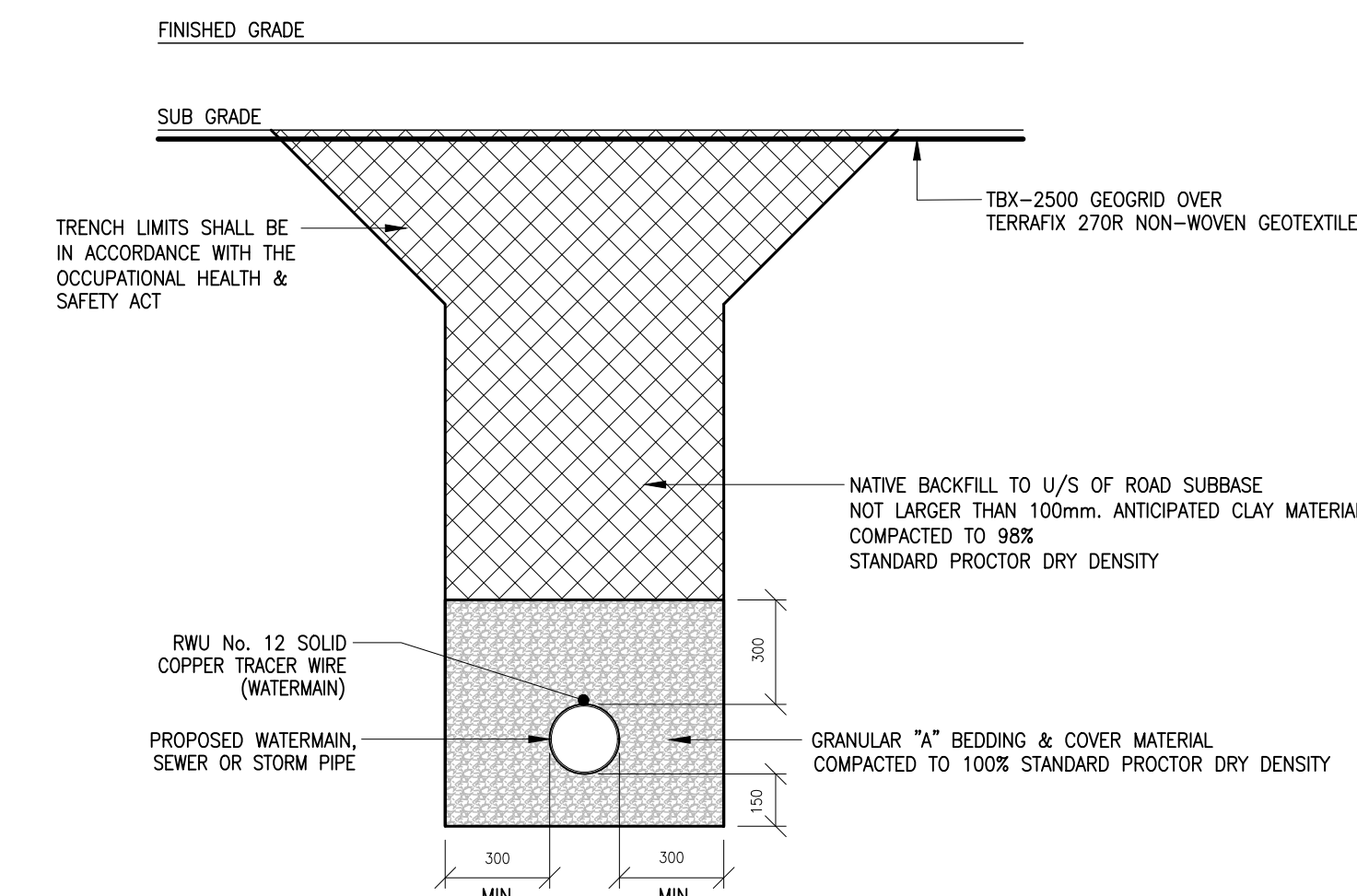


TYPICAL INSULATION DETAIL

N.T.S.

INSULATION REQUIREMENTS		
COVER DEPTH FINISHED GRADE TO TOP OF PIPE (m)	WIDTH OF INSULATION REQUIRED (m) *	THICKNESS OF INSULATION REQUIRED (mm)
2.5	0.00	0
2.4	0.53	25
2.3	0.80	25
2.2	1.04	50
2.1	1.26	50
2.0	1.48	50
1.9	1.70	75
1.8	1.91	75
1.7	2.12	75
1.6	2.32	100
1.5	2.53	100
1.4	2.73	100
1.3	2.94	125
1.2	3.14	125

* WIDTH IDENTIFIED SHALL BE CENTRED OVER THE PIPE.



TYPICAL PIPE TRENCH - WATERMAIN OR SEWER PIPE

N.T.S.

STORM SEWER MAINTENANCE HOLE SCHEDULE

MH NO.	DIAMETER (mm)	OPSD	STATION	OFFSET	PIPE SIZE (mm)								INVERT ELEVATION (m)								GRATE ELEVATION (m)	DEPTHS (mm)		SAFETY PLATFORM	FROST STRAP	FRAME & GRATE
					NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST	NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST		SUMP	MHCB			
STMH102	1200	701.010	-	-	600	-	-	-	460	-	-	-	352.44	-	-	-	354.93	-	-	-	355.85	300	3710	NO	YES	401.010 Type 'A'
STMH55	1200	701.010	0+243.6	7.1 RT	600	-	-	-	600	200	150	-	350.99	-	-	-	350.99	351.75	351.75	-	353.38	300	2690	NO	YES	400.020
STMH103	1500	701.011	0+244.0	1.2 RT	700	-	-	-	600	375	-	-	350.65	-	-	-	350.67	351.91	-	-	353.53	300	3180	NO	YES	401.010 Type 'A'
STMH56	1200	701.010	0+245.4	6.2 LT	700	-	-	-	700	-	-	-	350.46	-	-	-	350.46	-	-	-	353.39	300	3230	NO	YES	400.020
STMH58	1200	701.010	0+470.3	6.7 RT	-	450	-	-	-	-	375	-	341.78	-	-	-	-	-	341.84	-	343.34	300	1860	NO	YES	400.020
STMH154	1500	701.011	0+479.6	0.6 LT	-	300	600	-	600	450	-	-	340.63	339.5	-	-	339.74	341.35	-	-	342.85	300	3650	NO	YES	401.010 Type 'A'
STMH155	1500	701.011	0+559.9	0.5 LT	-	600	-	300	-	-	600	300	-	334.43	-	334.93	-	-	334.46	334.86	336.89	300	2760	NO	YES	401.010 Type 'A'
STMH156	1500	701.011	0+627.0	0.2 RT	-	700	-	-	-	600	-	250	-	329.42	-	-	-	330.08	-	330.65	332.67	300	3550	NO	YES	401.010 Type 'A'
STMH365	1500	701.011	0+648.0	0.7 LT	-	700	-	450	-	700	-	300	-	328.71	-	328.77	-	328.71	-	329.42	331.79	300	3380	NO	YES	401.010 Type 'A'
STMH366	1500	701.011	0+690.9	0	-	700	-	375	-	700	-	300	-	327.28	-	327.99	-	327.28	-	327.99	330.53	300	3550	NO	YES	401.010 Type 'A'
STMH157	1500	701.011	0+726.5	0.7 RT	-	700	-	200	-	700	-	-	-	325.51	-	326.2	-	326.11	-	-	329.18	300	3970	NO	YES	401.010 Type 'A'
STMH158	1500	701.011	0+762.7	0.5 RT	-	700	-	300	-	700	-	300	-	323.61	-	324.98	-	324.27	-	324.98	327.46	300	4150	NO	YES	401.010 Type 'A'
STMH159	1800	701.012	0+823.4	0.3 RT	-	700	-	600	-	700	-	300	-	322.22	-	322.28	-	322.22	-	322.69	324.60	300	2680	NO	YES	401.010 Type 'A'
STMH359	1200	701.010	0+829.0	13.6 RT	-	-	-	525	-	-	-	600	-	-	-	322.45	-	-	-	322.42	323.92	300	1800	NO	YES	400.020
STMH367	1800	701.012	0+864.7	0	-	700	-	300	-	700	-	300	-	319.01	-	319.74	-	320.07	-	319.74	322.43	300	3720	NO	YES	401.010 Type 'A'
STMH160	1800	701.012	0+895.5	1.8 LT	-	700	-	???	-	700	525	-	-	315.07	-	318.03	-	317.43	317.99	-	319.71	300	4940	NO	YES	401.010 Type 'A'
STMH161	1500	701.011	0+945.3	0.4 LT	700	-	375	-	700	-	300	-	311.94	-	312.77	-	312.54	-	312.77	-	314.84	300	3200	NO	YES	401.010 Type 'A'
STMH162	1800	701.012	0+987.9	14.4 RT	-	700	-	-	700	-	-	-	-	307.13	-	-	309.52	-	-	-	311.56	300	4730	NO	YES	401.010 Type 'A'
STMH163	1800	701.012	-	-	-	700	-	-	-	700	-	-	-	303.86	-	-	-	305.21	-	-	307.35	300	3790	NO	YES	401.010 Type 'A'
STMH164	1500	701.011	-	-	-	700	-	-	-	700	-	-	-	302.28	-	-	-	302.6	-	-	304.74	300	2760	NO	YES	401.010 Type 'A'

NOTE: INTERNAL DROP STRUCTURE OPSD 1003.033 REQUIRED FOR STMH154, STMH156, STMH367, STMH160(x2), STMH162, STMH163
GRATE ELEVATION LISTED FOR STMH55, STMH56, STMH58, STMH359 IS TO THE LOWEST POINT OF GRATE. GRATE TO BE SET TO MATCH GUTTER AND ROADWAY CROSSFALL.

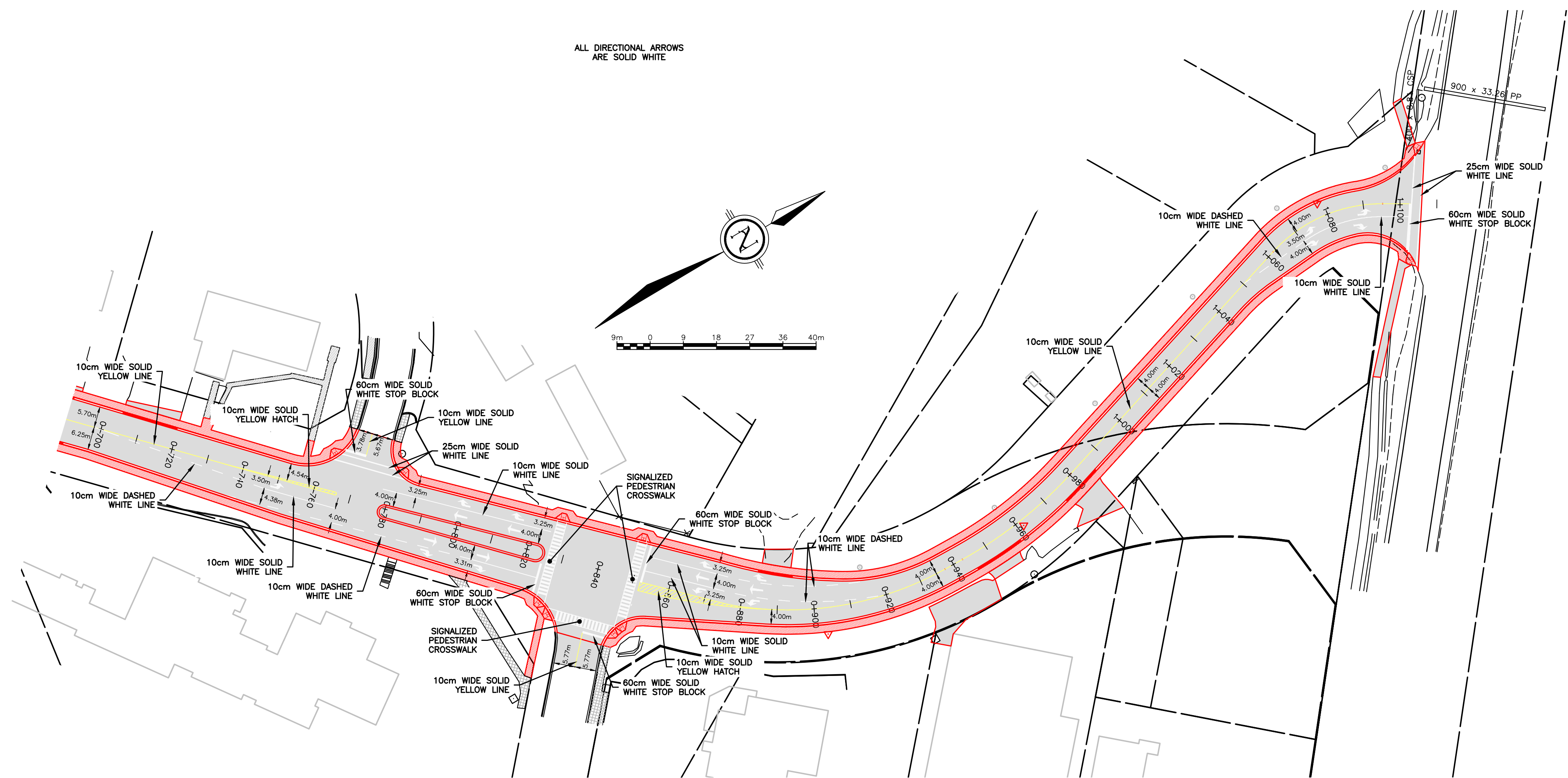
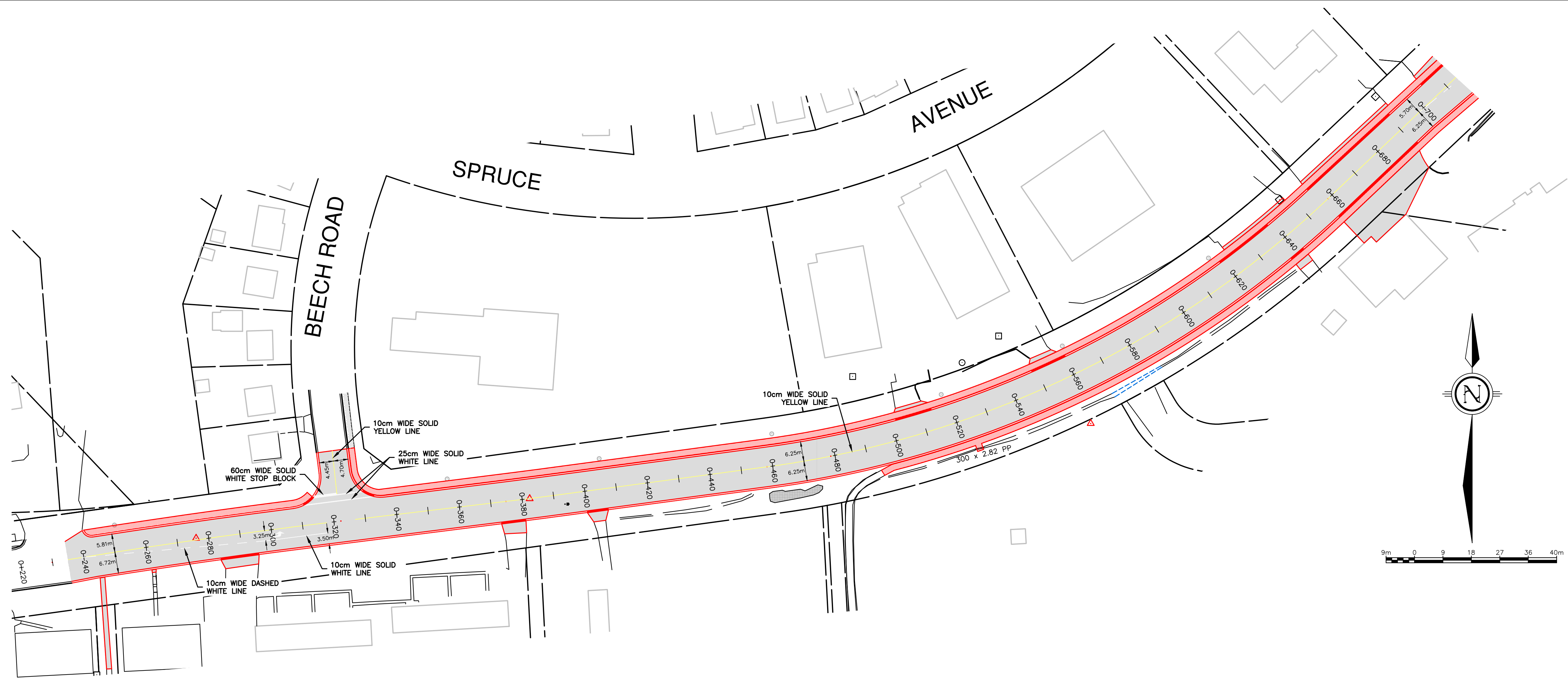
CATCH BASIN SCHEDULE

CB NO.	SIZE (mm)	OPSD	STATION	OFFSET	PIPE SIZE (mm)								INVERT ELEVATION (m)								GRATE ELEVATION (m)	DEPTHS (mm)		FRAME & GRATE	
					NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST	NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST		SUMP	CB	OPSD	
CB354	600x600	705.010	0+307.8	6.2 LT	-	-	300	-	-	-	-	-	-	-	350.01	-	-	-	-	-	351.51	600	2100	400.020	
CB355	600x600	705.010	0+336.9	6.3 LT	-	-	-	-	300	-	300	-	-	-	-	-	349.11	-	349.17	-	350.67	600	2160	400.020	
CB356	600x600	705.010	0+337.1	7.0 RT	300	-	300	-	-	-	-	348.98	-	348.92	-	-	-	-	-	-	350.65	600	2330	400.020	
CB357	600x600	705.010	0+407.4	6.6 LT	-	-	-	-	300	-	-	-	-	-	-	-	346.28	-	-	-	347.78	600	2100	400.020	
CB57	600x600	705.010	0+407.4	6.6 RT	300	-	375	-	-	-	300	-	346.15	-	346.09	-	-	-	346.28	-	347.78	600	2290	400.020	
CB59	600x600	705.010	0+486.2	6.7 LT	-	-	-	-	-	300	-	-	-	-	-	-	-	340.72	-	-	342.22	600	2100	400.020	
CB60	600x600	705.010	0+562.9	6.6 RT	-	-	-	-	-	-	300	-	-	-	-	-	-	-	335	-	336.50	600	2100	400.020	
CB61	600x600	705.010	0+555.1	6.6 LT	-	-	-	300	-	-	-	-	-	-	-	334.94	-	-	-	-	337.06	600	2720	400.020	
DI62	600x600	705.030(3:1)	0+636.4	10.4 RT	-	300	-	100	-	-	-	-	-	330.82	-	331.77	-	-	-	-	332.32	600	2100	403.010 Type 'A'	
CB63	600x600	705.010	0+648.0	6.7 RT	-	-	200	-	-	300	-	450	-	-	???	-	-	329.58	-	328.91	331.63	600	3320		400.020
CB65	600x600	705.010	0+647.9	6.7 LT	-	-	-	300	-	???	-	-	-	-	329.98	-	330.45	-	-	-	331.76	600	2380		400.020
CB66	600x600	705.010	0+691.2	8.7 RT	-	-	-	???	-	-	-	375	-	-	-	???	-	-	-	328.63	330.45	600	2420		400.020
CB67	600x600	705.010	0+691.0	6.2 LT	-	200	-	300	-	-	-	300	-	328.5	-	328.58	-	-	-	-	328.73	330.35	600	2370	400.020
CB68	600x600	705.010	0+762.7	9.5 RT	-	-	0+762.7	9.5 RT	-	-	-	300	-	-	-	-	-	-	-	325.75	327.25	600	2100	400.020	
CB69	600x600	705.010	0+762.4	9.2 LT	-	-	-	300	-	-	-	-	-	-	-	325.63	-	-	-	-	327.13	600	2100	400.020	
CB70	600x600	705.010	0+823.1	9.9 LT	-	-	-	300	-	-	-	-	-	-	-	322.79	-	-	-	-	324.29	600	2100	400.020	
CB71	600x600	705.010	0+864.9	7.3 RT	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-	-	320.44	322.54	600	2700	400.020
CB72	600x600	705.010	0+864.4	11.0 LT	-	-	-	300	-	-	-	-	-	-	-	320.68	-	-	-	-	322.18	600	2100	400.020	
CB73	600x600	705.010	0+945.3	4.4 LT	-	-	300	-	-	250	-	-	-	-	313.17	-	-	313.24	-	-	314.68	600	2110	400.020	
CB74	600x600	705.010	0+944.8	4.4 RT	-	-	-	300	-	-	375	-	-	-	-	313.3	-	-	313.26	-	314.96	600	2300	400.020	
CB6	600x600	705.010	1+018.1	4.4 RT	-	-	-	-	-	300	-	-	-	-	-	-	-	306.12	-	-	307.64	600	2120	400.020	
CB5	600x600	705.010	1+018.1	4.4 LT	-	300	-	-	-	-	-	300	-	306.03	-	-	-	-	-	305.96	307.53	600	2170	400.020	
CB4	600x600	705.010	1+066.8	4.4 LT	-	300	-	300	-	-	-	-	-	302.32	-	302.38	-	-	-	-	303.88	600	2160	400.020	
CB1	600x600	705.010	1+094.5	5.8 LT	-	-	-	375	300	-	300	-	-	-	-	301.59	301.65	-	301.59	-	303.25	600	2260	400.020	
CB3	600x600	705.010	1+093.2	8.8 LT	-	-	300	-	-	-	-	-	-	-	301.62	-	-	-	-	-	303.47	600	2450	400.020	
CB2	600x600	705.010	1+095.2	8.9 RT	-	-	-	450	-	-	-	375	-	-	-	301.44	-	-	-	-	303.31	600	2470	400.020	

NOTE: GRATE ELEVATION LISTED IS TO THE LOWEST POINT OF GRATE. GRATE TO BE SET TO MATCH GUTTER AND ROADWAY CROSSFALL.

SANITARY MAINTENANCE HOLE SCHEDULE

MH NO.	DIAMETER (mm)	OPSD	STATION	OFFSET	PIPE SIZE (mm)								INVERT ELEVATION (m)								GRATE ELEVATION (m)	DEPTHS (mm)		SAFETY PLATFORM	FROST STRAP	FRAME & GRATE
					NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST	NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST		SUMP	MHCB			
SAMH133	1200	701.010	-	-	250	-	-	-	250	-	-	-	352.57	-	-	-	352.64	-	-	-	355.58	0	3010	NO	YES	401.010 Type 'A'
SAMH134	1200	701.010	0+248.0	0.3 LT	-	-	300	-	-	-	200	-	-	-	350.4	-	-	350.4	-	-	353.44	0	3040	NO	YES	401.010 Type 'A'
SAMH135	1200	701.010	0+323.7	1.4 RT	-	-	300	-	-	-	300	-	-	-	348.42	-	-	348.42	-	-	351.11	0	2690	NO	YES	401.010 Type 'A'
SAMH136	1200	701.010	0+400.0	1.8 RT	-	-	300	-	-	-	300	-	-	-	345.47	-	-	345.47	-	-	348.39	0	2920	NO	YES	401.010 Type 'A'
SAMH137	1200	701.010	0+477.5	2.8 RT	250	-	-	-	250	-	300	-	339.97	-	-	-	339.97	-	339.97	-	342.96	0	2990	NO	YES	401.010 Type 'A'



OWNER



DESIGNER



REVISIONS

No	DATE	REMARKS

LEGEND

PROJECT TITLE

HILLSIDE DRIVE
NORTH
RECONSTRUCTION

DRAWING TITLE

PAVEMENT
MARKINGS

LOCATION

CITY OF ELLIOT
LAKE, ONTARIO

DATE OCTOBER 2023

DRAWN DAS

CHECKED CLK

SCALE 1:750

ISSUED FOR TENDER OCTOBER 10, 2023

ISSUED FOR CONSTRUCTION

DWG. No. PROJECT No. REV. No.
PM121-1628 0