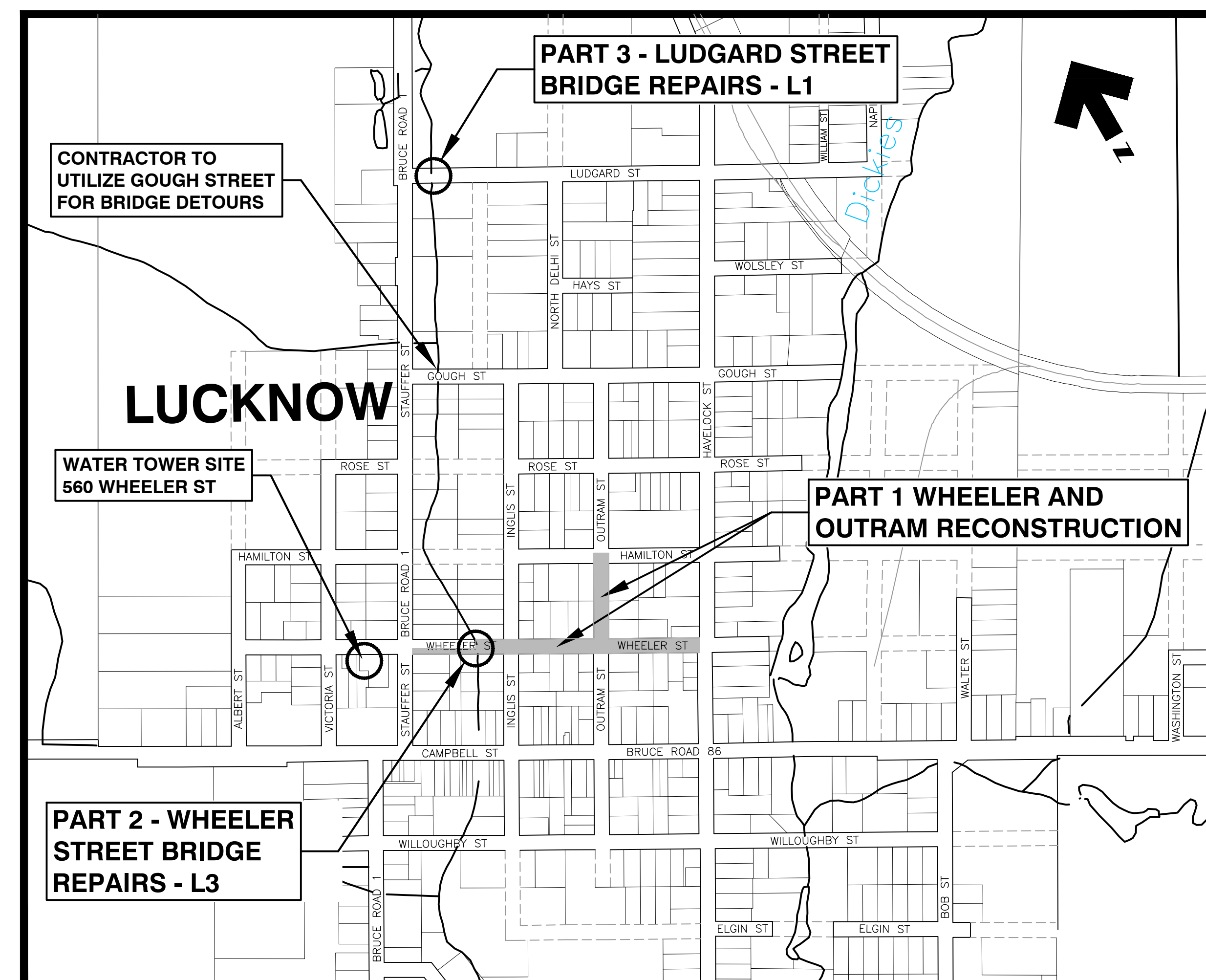


TOWNSHIP OF HURON-KINLOSS

WHEELER AND OUTRAM RECONSTRUCTION (LUCKNOW)

PROJECT Nos. 20219, BR036A, BR166A
CONTRACT No. 20219

DWG No.	PART No.	DESCRIPTION
1	1	WHEELER STREET RECONSTRUCTION
2	1	WHEELER STREET RECONSTRUCTION
3	1	WHEELER STREET RECONSTRUCTION
4	1	OUTRAM STREET RECONSTRUCTION
5	2	WHEELER STREET BRIDGE REPAIRS - L3
6	3	LUDGARD STREET BRIDGE REPAIRS - L1
7	3	LUDGARD STREET BRIDGE REPAIRS - L1

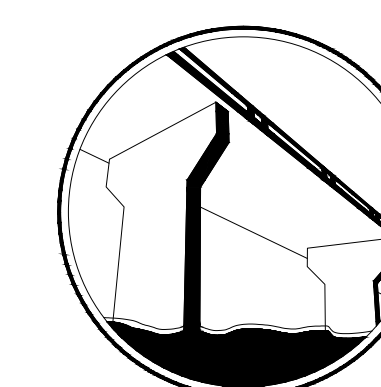


KEY PLAN

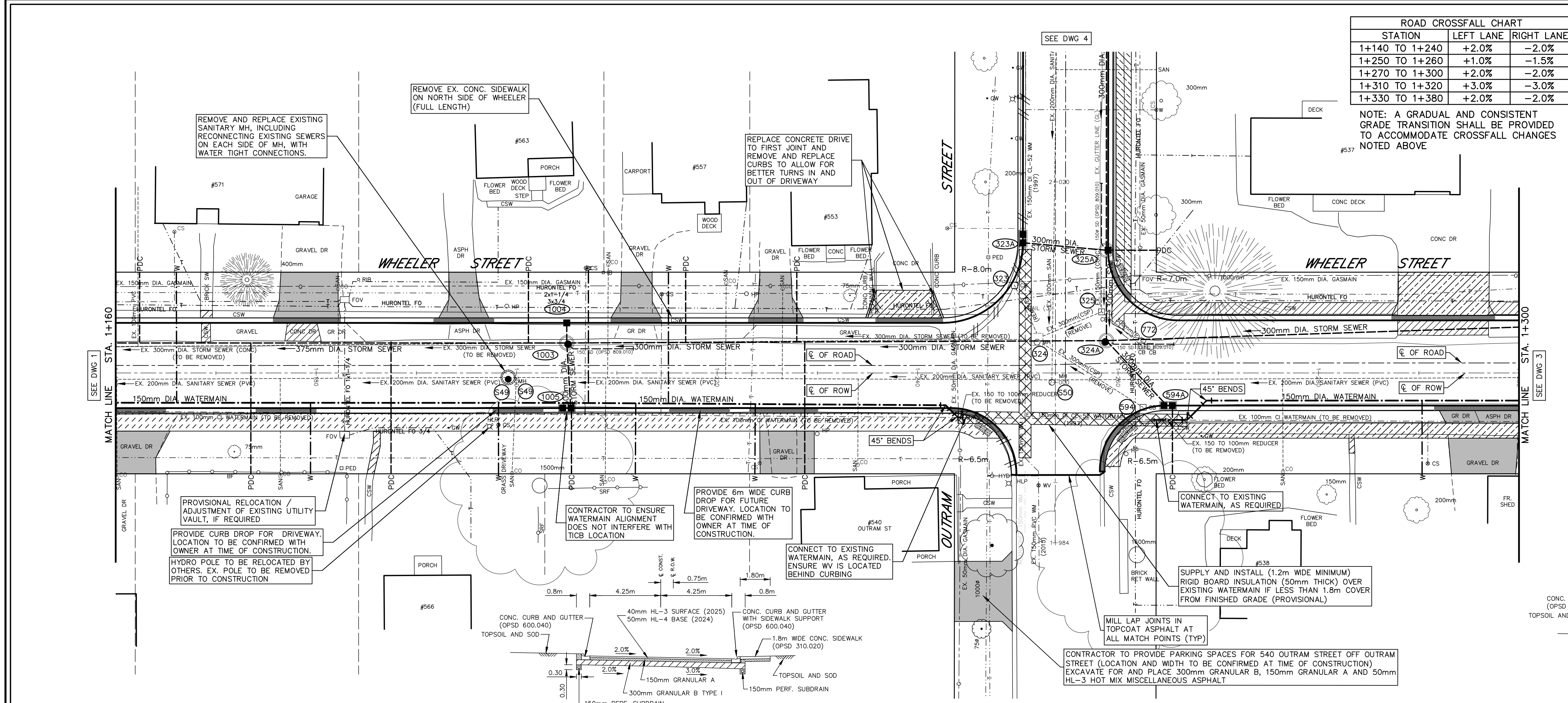
N.T.S.



FEBRUARY 26, 2024
ISSUED FOR TENDER



BMROSS
engineering better communities



ROAD CROSSFALL CHART		
STATION	LEFT LANE	RIGHT LANE
1+140 TO 1+240	+2.0%	-2.0%
1+250 TO 1+260	+1.0%	-1.5%
1+270 TO 1+300	+2.0%	-2.0%
1+310 TO 1+320	+3.0%	-3.0%
1+330 TO 1+380	+2.0%	-2.0%

NOTE: A GRADUAL AND CONSISTENT GRADE TRANSITION SHALL BE PROVIDED TO ACCOMMODATE CROSSFALL CHANGES NOTED ABOVE

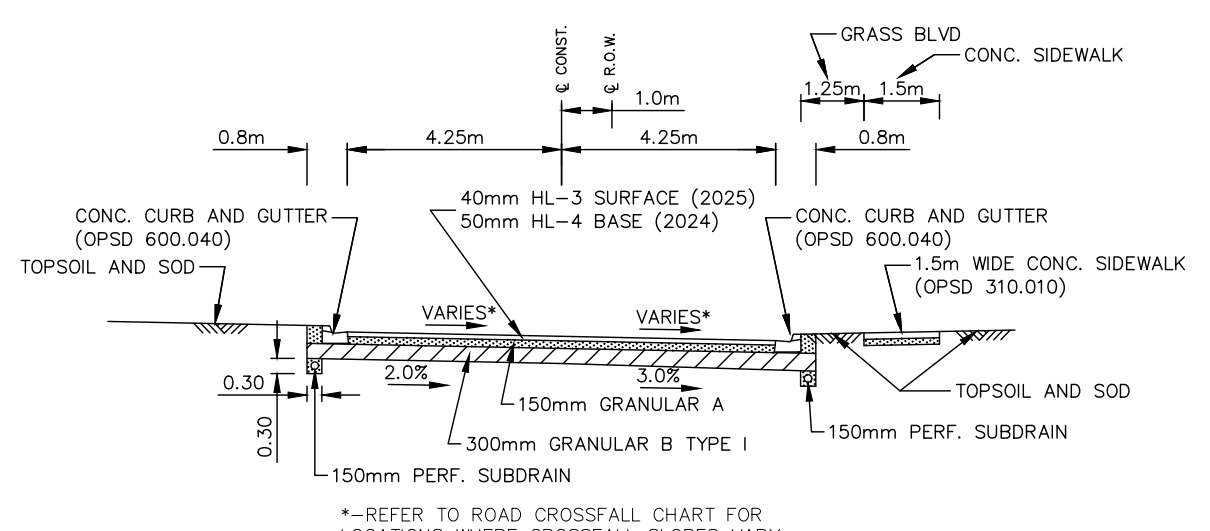
M.H. & C.B. DATA				
No	Station	O/S	Desc.	T/G Elev
1003	1+205.0	LT	701.010	401.010A 268.195
1004	1+205.0	LT	705.010	400.110 268.235
1005	1+205.0	RT	705.020	400.082(2) 268.055/268.072
323	1+249.7	LT	REMOVE EX. CB	
324	1+251.9	LT	REMOVE CIP MH	
325	1+258.4	LT	REMOVE EX. CB	
324A	1+258.8	LT	701.010	401.010A 270.68
594	1+262.5	RT	REMOVE EX. CB	
772	1+262.4	LT	REMOVE EX. CB	
594A	1+265.0	RT	705.020	400.110(2) 271.13/271.18

(S) DENOTES SUMP (600mm)
(B) DENOTES BENCH

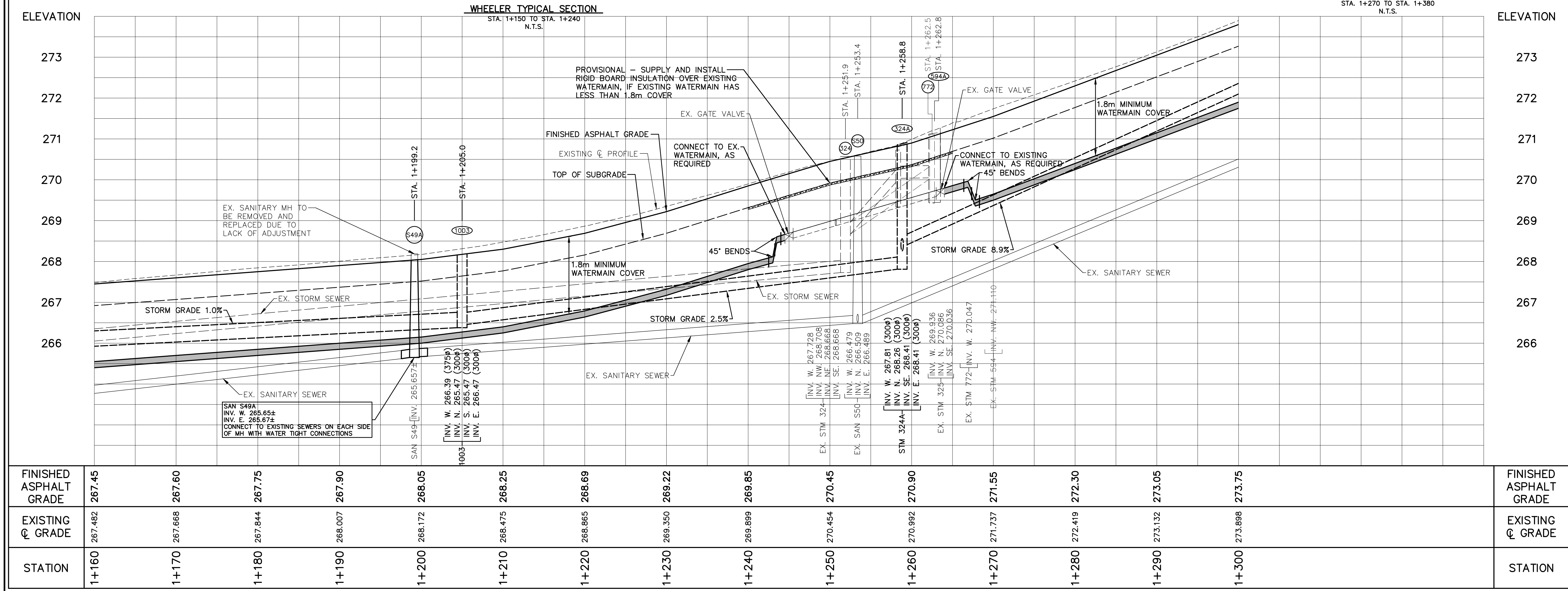
M.H. & C.B. DATA				
No	Station	O/S	Desc.	T/G Elev
S49A	1+199.2	RT	EX. MH	REMOVE 268.01
S50	1+253.4	RT	EX. MH	ADJUST 270.58

(S) DENOTES SUMP
(B) DENOTES BENCH

SEWER DATA				
No to No	Size	Type	Class	Length
308A-1003	375	HDPE	CSA B182.6	55
1003-1004	300	HDPE	CSA B182.6	2.0
1003-1005	300	HDPE	CSA B182.6	6.9
1003-324A	300	HDPE	CSA B182.6	53.8
324A-594A	300	HDPE	CSA B182.6	8.4
324A-772A	300	HDPE	CSA B182.6	56.2



WHEELER TYPICAL SECTION
STA. 1+270 TO STA. 1+380
N.T.S.



LEGEND

- SAN. or STM.
- EX. SANITARY SEWER, SANITARY or STORM
- MANHOLE AND CATCHBASIN
- WATERMAIN
- GASMAIN
- UNDERGROUND TELEPHONE
- UNDERGROUND HYDRO
- UNDERGROUND T.V. CABLE
- UTILITY POLES
- GRUBBING
- REMOVE EXISTING CONC. SIDEWALK AND DRIVES
- REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
- PLACE CONC. SIDEWALK AND DRIVES
- PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MISC.)
- REMOVE EXISTING CONC. CURB
- TRENCH BOTTOM SUBDRAIN (REFER TO OPSD 809.010)

NOTE

The locations of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representative. The contractor shall determine the exact location of all existing utilities before commencing work and agrees to be fully responsible for any damages which might be occasioned by the contractor's failure to exactly locate and preserve any and all underground utilities.

BENCHMARK INFORMATION

B.M. Elev. 271.243m
Nail and flag in HP at the south east corner of Wheeler Street and Outram Street.

BENCHMARK INFORMATION

B.M. Elev. 276.911m
Nail and flag in HLP on the south side of Wheeler Street, west of driveway to house #516.

Design By: R.R.R. Checked By: K.D.L.

REVISION

No.	DATE	REVISION
1	Feb. 23, 2021	Preliminary Design
2	Aug. 14, 2023	Issued for Client Review
3	Dec. 20, 2023	Issued for Approval
4	Feb. 23, 2024	Issued for Tender

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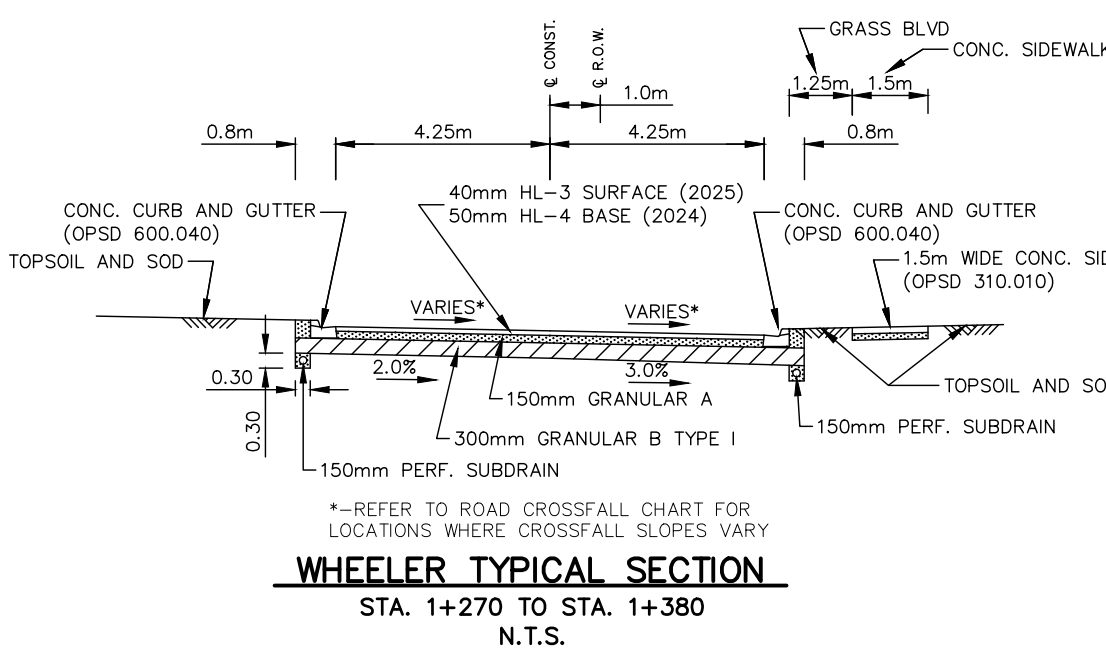
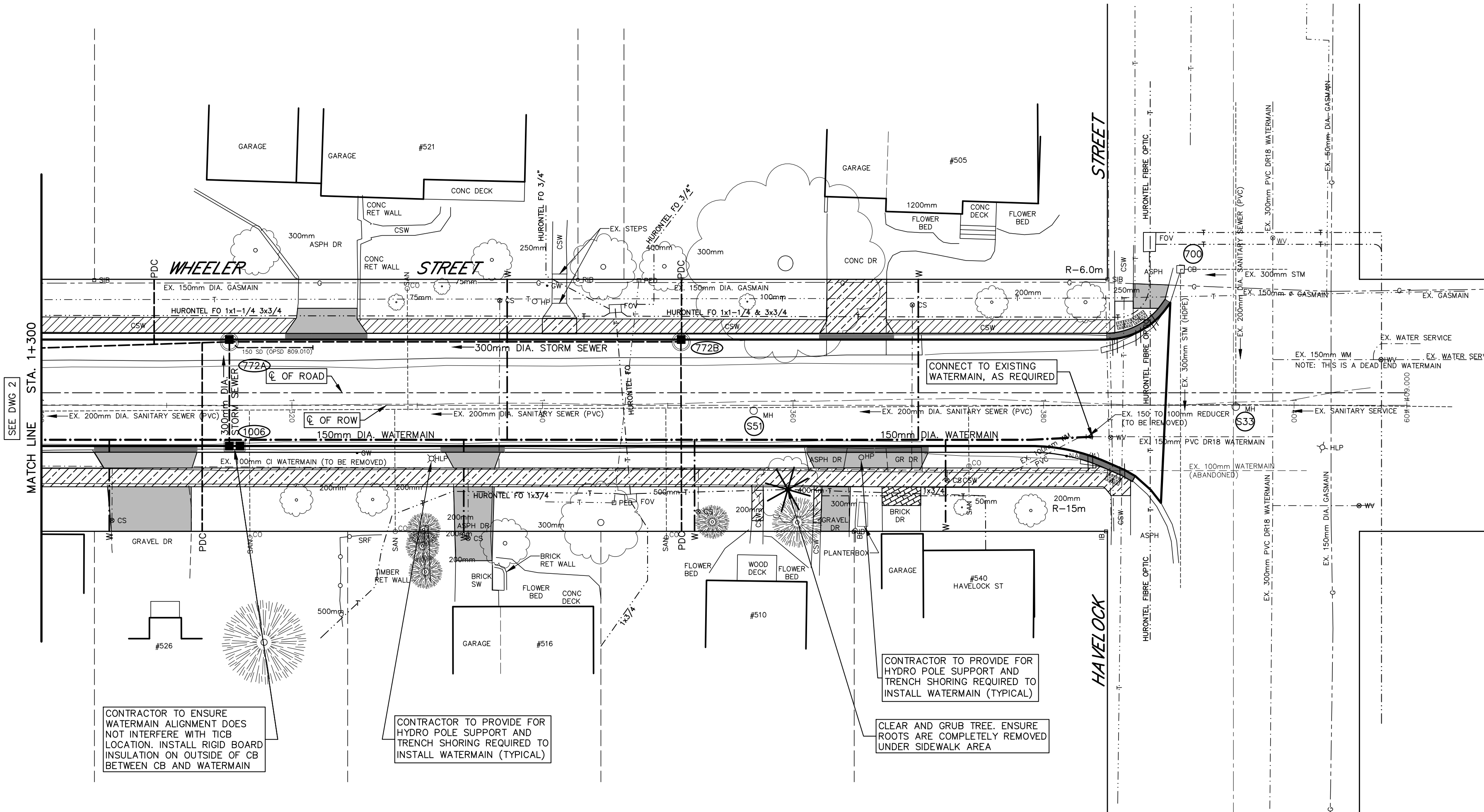
Huron-Kinloss

Township of Huron-Kinloss (Lucknow)

Wheeler Street Reconstruction

Plan and Profile from Sta. 1+160 to Sta. 1+300

Contract No. 20219	Project No. 20219
Scale (24x36) Horizontal : 1 : 250 Vertical : 1 : 50	Drawing No. 2



M.H. & C.B. DATA					
No	Station	O/S	Desc.	Grate	T/G Elev
772A	1+315.0	LT	701.010	400.110	275.278
1006	1+315.0	RT	705.020	400.110	275.02/275.10
772B	1+360.0	LT	701.010	400.110	278.14

SEWER DATA				
No to No	Size	Type	Class	Length
772A-1006	300	HDPE	CSA B182.6	8.3
772A-772B	300	HDPE	CSA B182.6	36.0

(S) DENOTES SUMP
(B) DENOTES BENCH

M.H. & C.B. DATA					
No	Station	O/S	Desc.	Grate	T/G Elev
SS1	1+356.9	RT	EX. MH	ADJUST	278.37

(S) DENOTES SUMP
(B) DENOTES BENCH

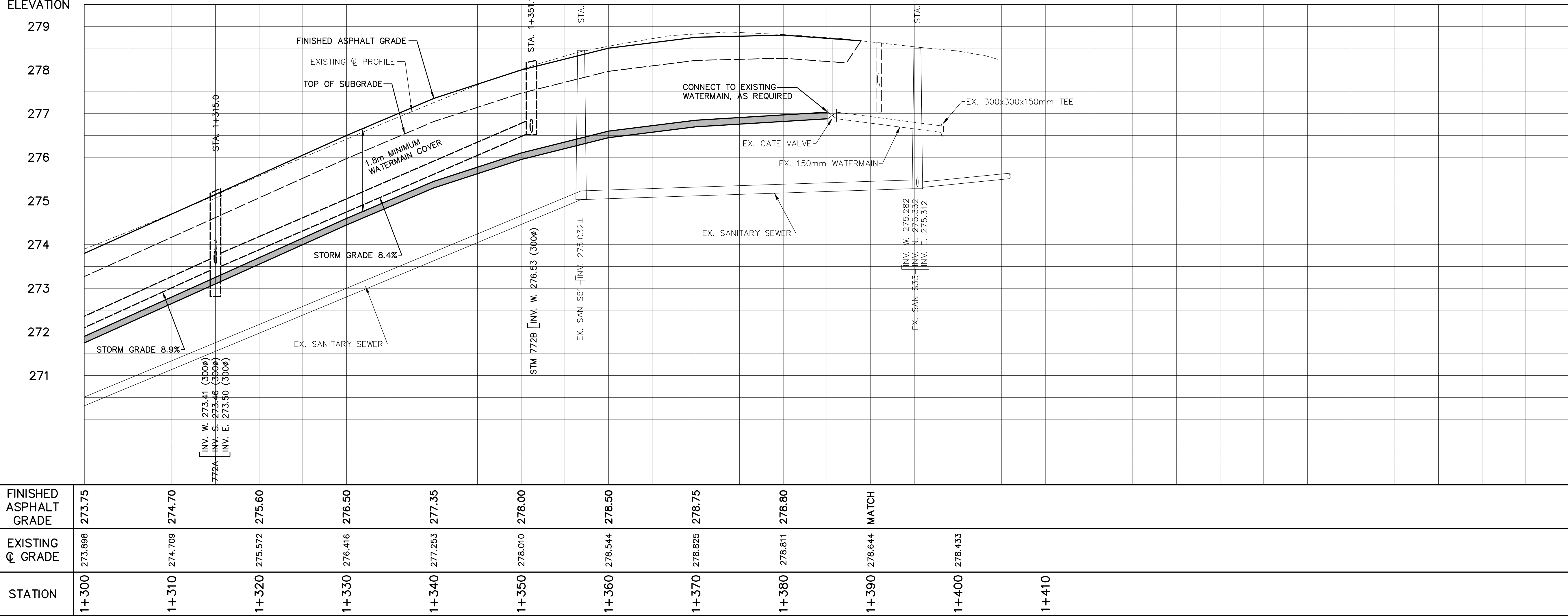
ROAD CROSSFALL CHART			
STATION	LEFT LANE	RIGHT LANE	
1+140 TO 1+240	+2.0%	-2.0%	
1+250 TO 1+260	+1.0%	-1.5%	
1+270 TO 1+300	+2.0%	-2.0%	
1+310 TO 1+320	+3.0%	-3.0%	
1+330 TO 1+380	+2.0%	-2.0%	

NOTE: A GRADUAL AND CONSISTENT GRADE TRANSITION SHALL BE PROVIDED TO ACCOMMODATE CROSSFALL CHANGES NOTED ABOVE

NOTES: (APPLICABLE TO ALL DRAWINGS)

- CONTRACTOR SHALL PROVIDE FOR THE SUPPORT AND PROTECTION OF ALL UTILITIES, POLES, SEWERS, SERVICES AND MAINS DURING CONSTRUCTION.
- CONTRACTOR SHALL HAND EXCAVATE AROUND UTILITIES IN CONFLICT WITH EARTH EXCAVATIONS, STORM SEWER, WATERMAIN AND SERVICE INSTALLATIONS.
- NO WATER SERVICE COUPLERS SHALL BE ALLOWED BETWEEN THE CURB STOP (AT PROPERTY LINE) AND MAIN STOP (AT WATERMAIN). DAMAGED WATER SERVICES SHALL BE REPLACED BY THE CONTRACTOR FROM MAIN STOP TO CURB STOP WITH NO JOINTS IN THE SERVICE PIPING.
- WATERMAIN AND SEWERS INSTALLED IN PARALLEL TO HAVE A MINIMUM SEPARATION OF 2.5m HORIZONTAL FROM PIPE EDGE TO PIPE EDGE. FOR CROSSING LOCATIONS WATERMAINS SHALL PASS OVER SEWERS. WHERE WATERMAIN MUST PASS UNDER SEWER TO ACHIEVE FROST PROTECTION 0.5m VERTICAL SEPARATION IS REQUIRED. REFER TO MOECC F-6-1 PROCEDURES TO GOVERN SEPARATION OF SEWERS AND WATERMAINS.
- PROPOSED SERVICE LOCATIONS SHALL BE CONFIRMED AT THE TIME OF CONSTRUCTION. SERVICE LOCATIONS HAVE NOT BEEN CONFIRMED DURING DESIGN.
- PRIVATE DRAIN CONNECTIONS (STORM SERVICES) TO BE INSTALLED A MINIMUM 1.2m DEEP AT PROPERTY LINE. END OF PDC SERVICES TO BE MARKED WITH PAINTED 2x4s AT PROPERTY LINE.
- FRAME AND GRATES FOR CATCHBASINS AND CATCHBASIN MAINTENANCE HOLES IN THE CURB LINE SHALL BE SET TO FINISHED GRADE ELEVATIONS. MAINTENANCE HOLE FRAME AND GRATES IN THE ROADWAY ASPHALT SHALL BE SET TO BASE ASPHALT GRADE IN YEAR ONE AND ADJUSTED TO FINISHED GRADE JUST PRIOR TO SURFACE ASPHALT PAVING.
- NO TRACKED EQUIPMENT IS ALLOWED ON THE ASPHALT THAT IS NOT DESIGNATED FOR REMOVAL.

ELEVATION



ELEVATION

279

278

277

276

275

274

273

272

271

279

278

277

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275

274

273

272

271

No.	DATE	REVISION
1	Feb. 23, 2021	Preliminary Design
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engineering better communities

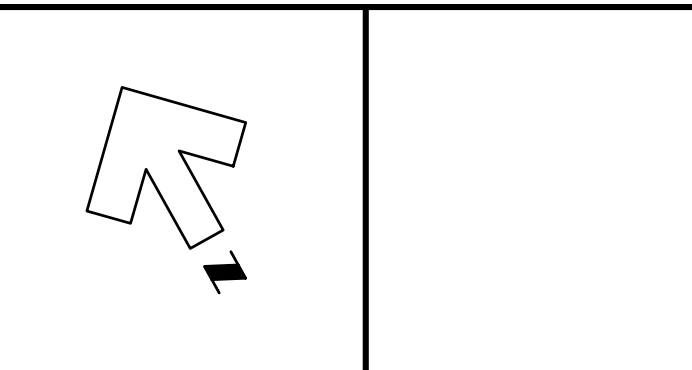
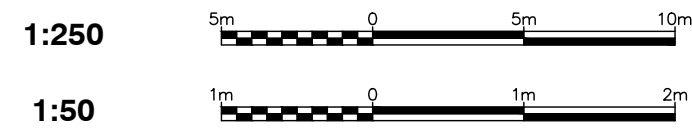
Goderich	Mount Forest	Sarnia
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Township of Huron-Kinloss (Lucknow)
Wheeler Street Reconstruction
Plan and Profile from Sta. 1+300 to Havelock Street

Contract No. 20219	Project No. 20219
Scale (24x36) Horizontal : 1 : 250 Vertical : 1 : 50	Drawing No. 3

LEGEND

- SAN. or STM. EXISTING SEWERS, SANITARY or STORM
- M.H. CB. MANHOLE and CATCHBASIN
- WATERMAIN. FIRE HYDRANT
- GASMAIN
- UNDERGROUND TELEPHONE
- UNDERGROUND HYDRO
- UNDERGROUND T.V. CABLE
- UTILITY POLES
- GRUBBING
- REMOVE EXISTING CONC. SIDEWALK AND DRIVES
- REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
- PLACE CONC. SIDEWALK AND DRIVES
- PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MISC.)
- REMOVE EXISTING CONC. CURB
- TRENCH BOTTOM SUBDRAIN (REFER TO OPSD 809.010)



NOTE

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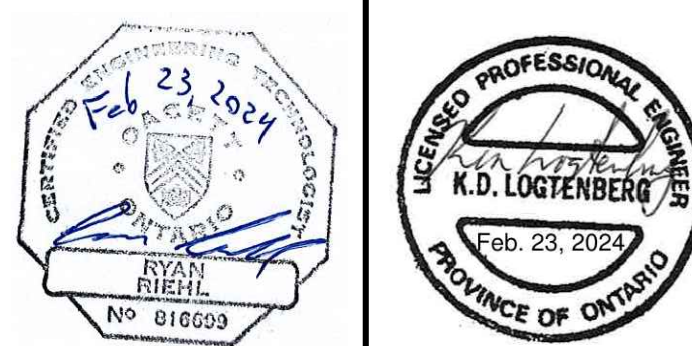
BENCHMARK INFORMATION

B.M. Elev. 271.243m
Nail and flag in HP at the south east corner of Wheeler Street and Outram Street.

BENCHMARK INFORMATION

B.M. Elev. 276.911m
Nail and flag in HLP on the south side of Wheeler Street, west of driveway to house #516.

Design By: R.R.R. Checked By: K.D.L.



No.	DATE	REVISION
1	Feb. 23, 2021	Preliminary Design
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M.H. & C.B. DATA						
No	Station	O/S	Desc.	Grate	T/G Elev	(S)
325A	2+013.2	RT	701.010	400.110	270.94	(S)
323A	2+014.4	LT	705.020	400.110(2)	270.625	(S)
1007	2+076.0	RT	701.010	400.110	271.75	(S)
1008	2+076.0	LT	705.010	400.110	271.41	(S)
318	2+117.4	RT	EX. CB			
320	2+125.5	LT	EX. MH			
284	2+125.6	RT	EX. CB			
319	2+127.6	LT	EX. CB			
321	2+131.5	RT	EX. CB			
S52	2+062.1	LT	EX. MH	ADJUST	271.385	
S23	2+122.4	CL	EX. MH	ADJUST	272.14±	

SEWER DATA					
No to No	Size	Type	Class	Length	
324A-325A	375	HDPE	CSA B182.6	9.0	
323A-325A	300	HDPE	CSA B182.6	8.4	
325A-1007	300	HDPE	CSA B182.6	62.8	
1007-1008	300	HDPE	CSA B182.6	8.3	

LEGEND

— SAN. or STM. — EXISTING SEWERS, SANITARY or STORM
— M.H. CB. — MANHOLE AND CATCHBASIN
— — WATERMAIN, — FIRE HYDRANT
— — GASMAIN
— — UNDERGROUND TELEPHONE
— — UNDERGROUND HYDRO
— — UNDERGROUND T.V. CABLE
— — UTILITY POLES
— — GRUBBING
— — REMOVE EXISTING CONC. SIDEWALK AND DRIVES
— — REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
— — PLACE CONC. SIDEWALK AND DRIVES
— — PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MISC.)
— — REMOVE EXISTING CONC. CURB
— — TRENCH BOTTOM SUBDRAIN (REFER TO OPSD 809.010)

1:250
1:50

NOTE

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BENCHMARK INFORMATION
B.M. Elev. 271.689m
Nail and flag in HP on west side of Outram Street, across from driveway to house #567 (Sta. 2+065±)

BENCHMARK INFORMATION
B.M. Elev. 271.243m
Nail and flag in HP at the south east corner of Wheeler Street and Outram Street.

Design By: R.R.R. Checked By: K.D.L.

CERTIFIED ENGINEER
Feb 23, 2024
K.D. LOFTENBERG
No. 016603
PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER
Feb 23, 2024
K.D. LOFTENBERG
No. 016603
PROVINCE OF ONTARIO

No.	DATE	REVISION
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2	Aug. 14, 2023	Issued for Client Review
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BMROSS
engineering better communities

Goderich Mount Forest Sarnia

Huron-Kinloss

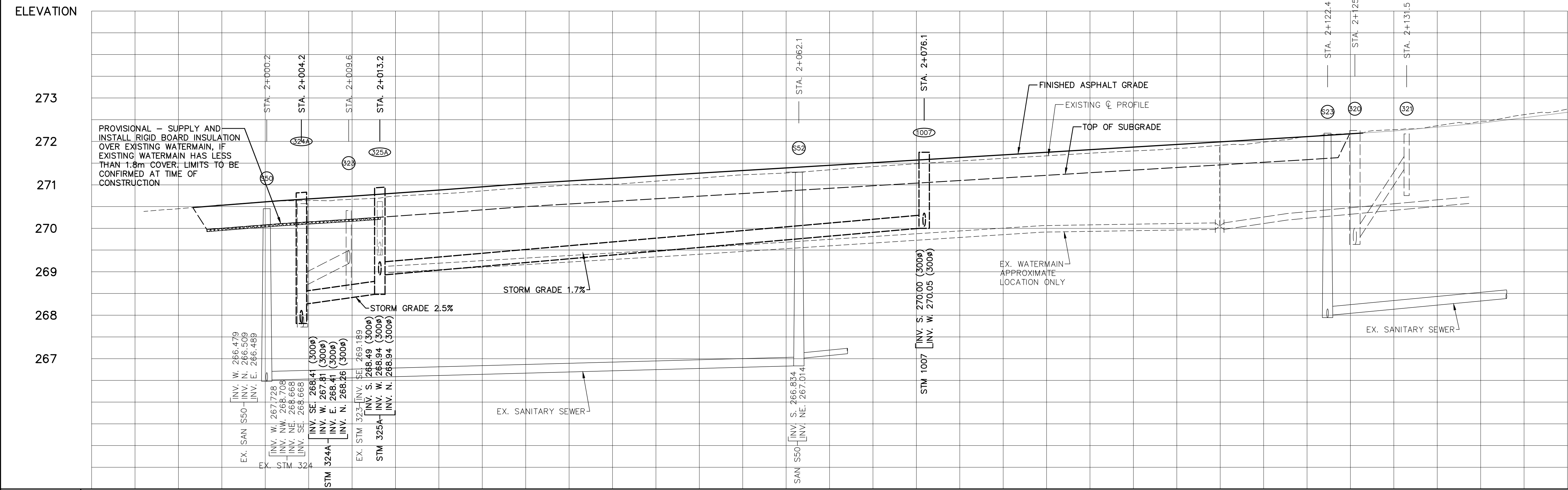
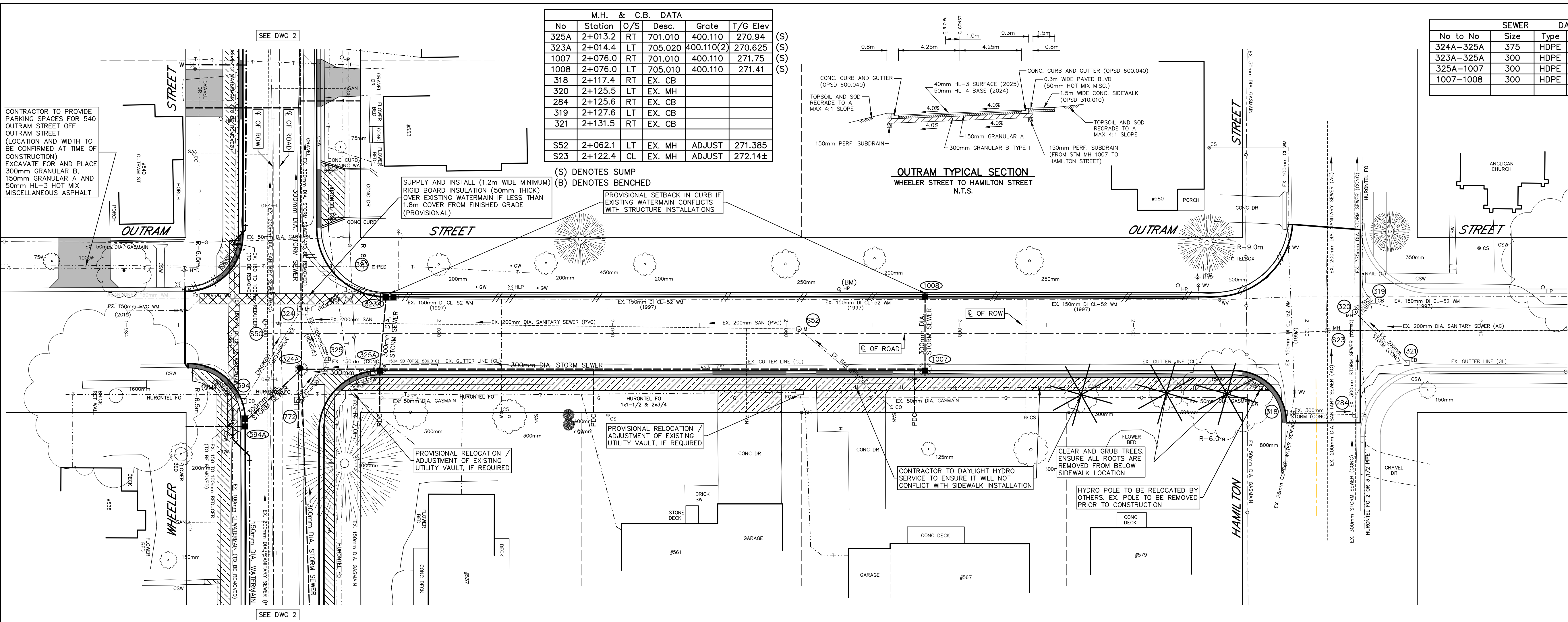
Township of Huron-Kinloss (Lucknow)

Outram Street Reconstruction

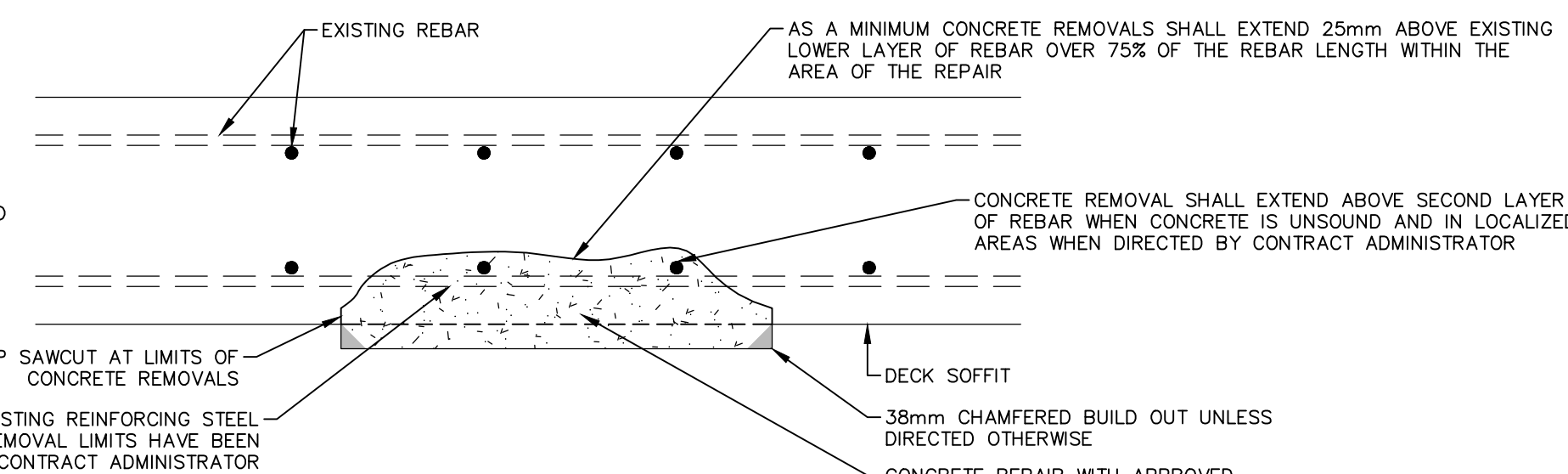
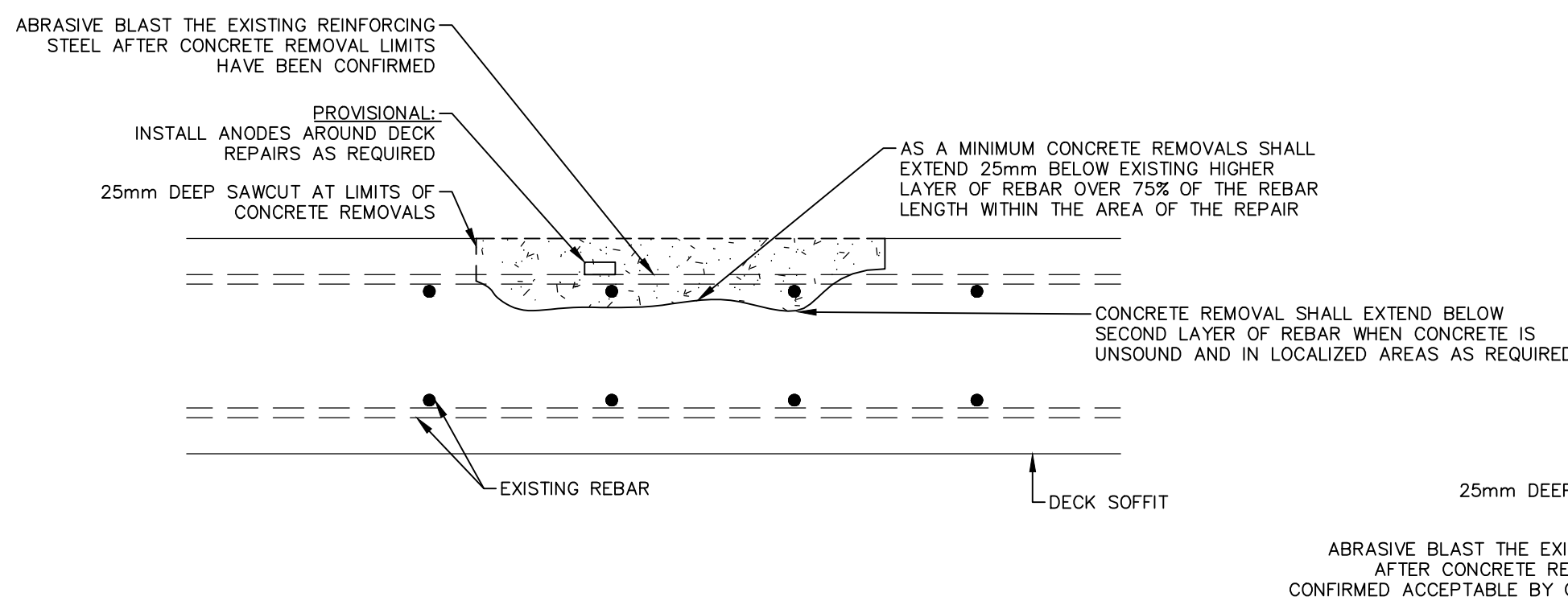
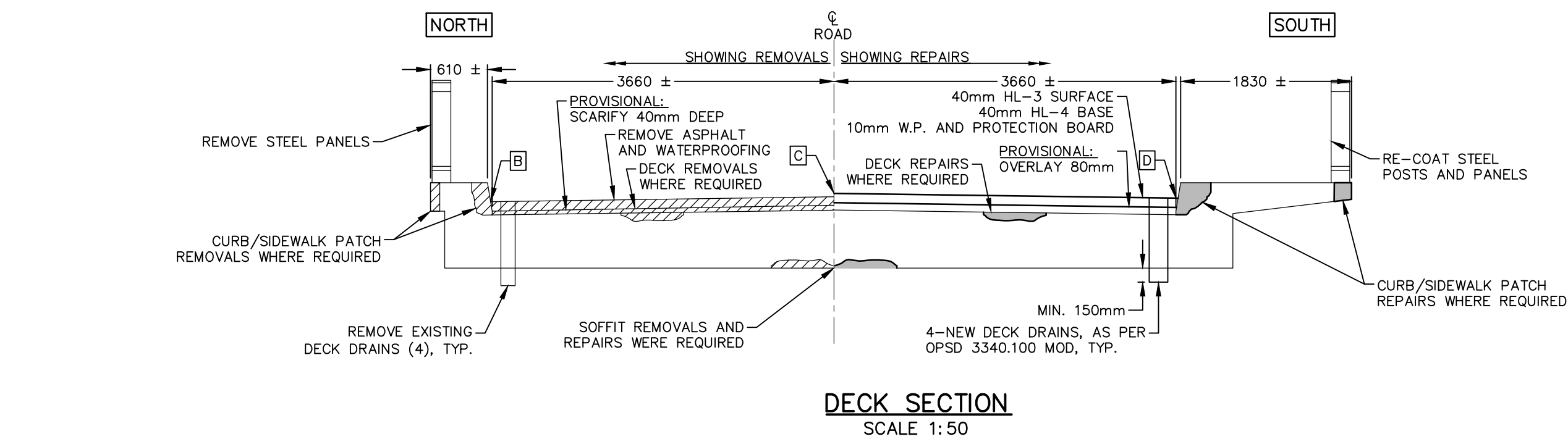
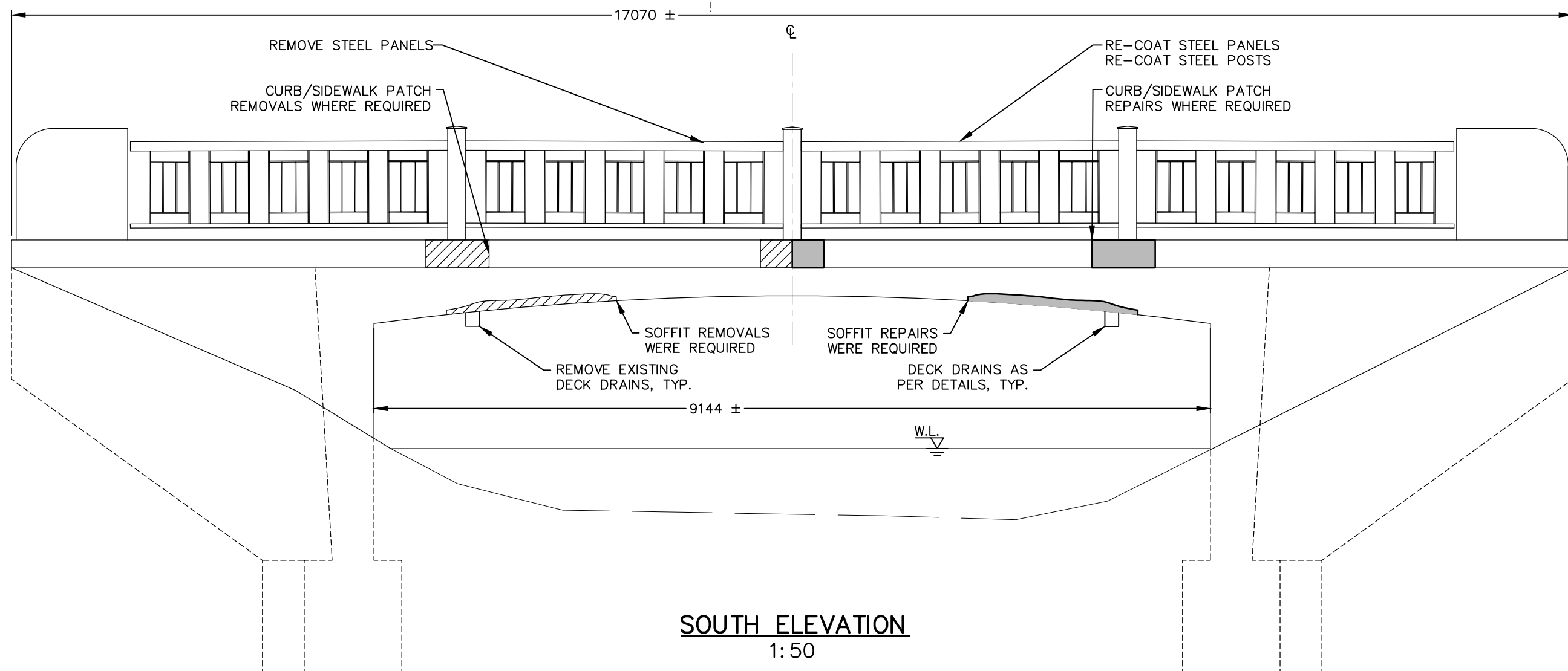
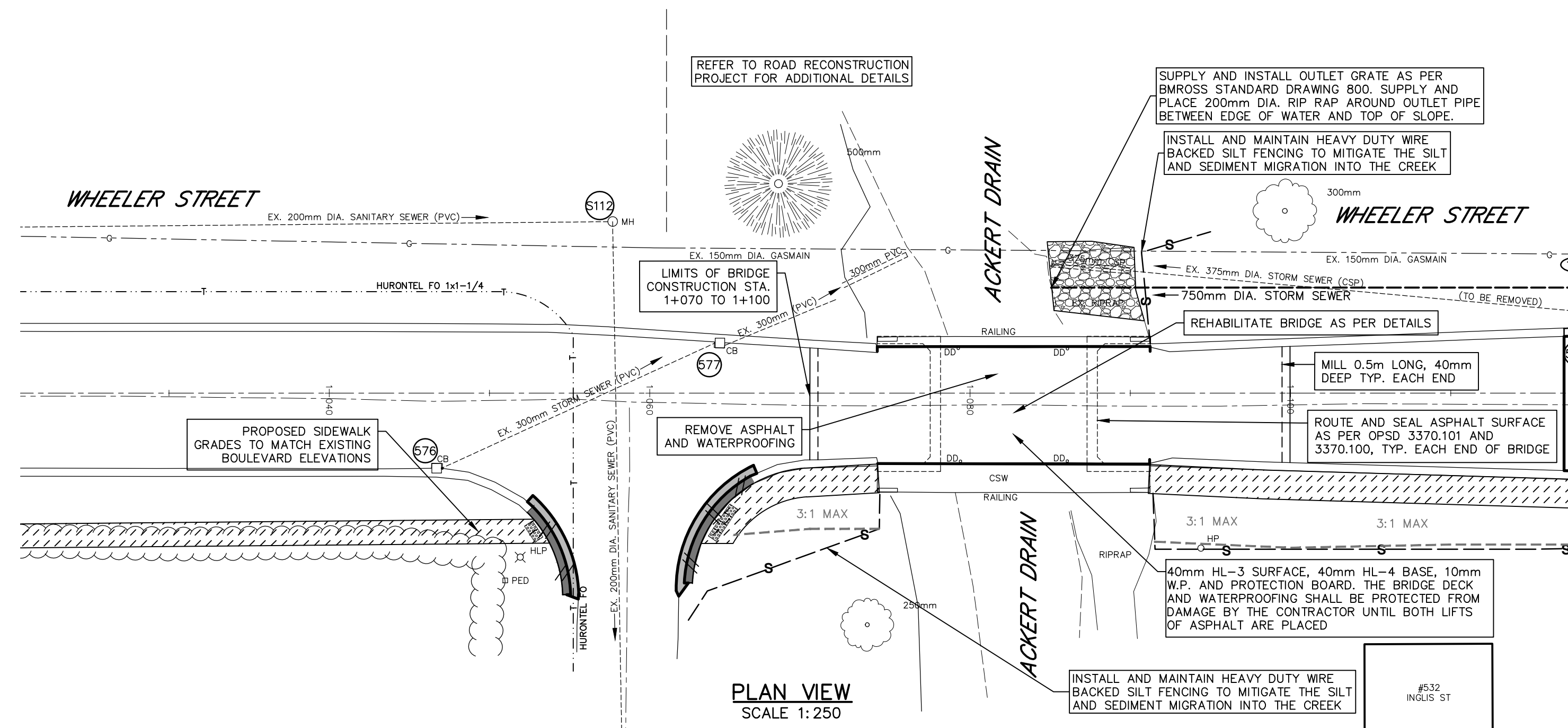
Plan and Profile from Wheeler Street to Hamilton Street

Contract No. 20219	Project No. 20219
Scale (24x36) Horizontal : 1 : 250 Vertical : 1 : 50	Drawing No. 4

OUTRAM TYPICAL SECTION
WHEELER STREET TO HAMILTON STREET
N.T.S.

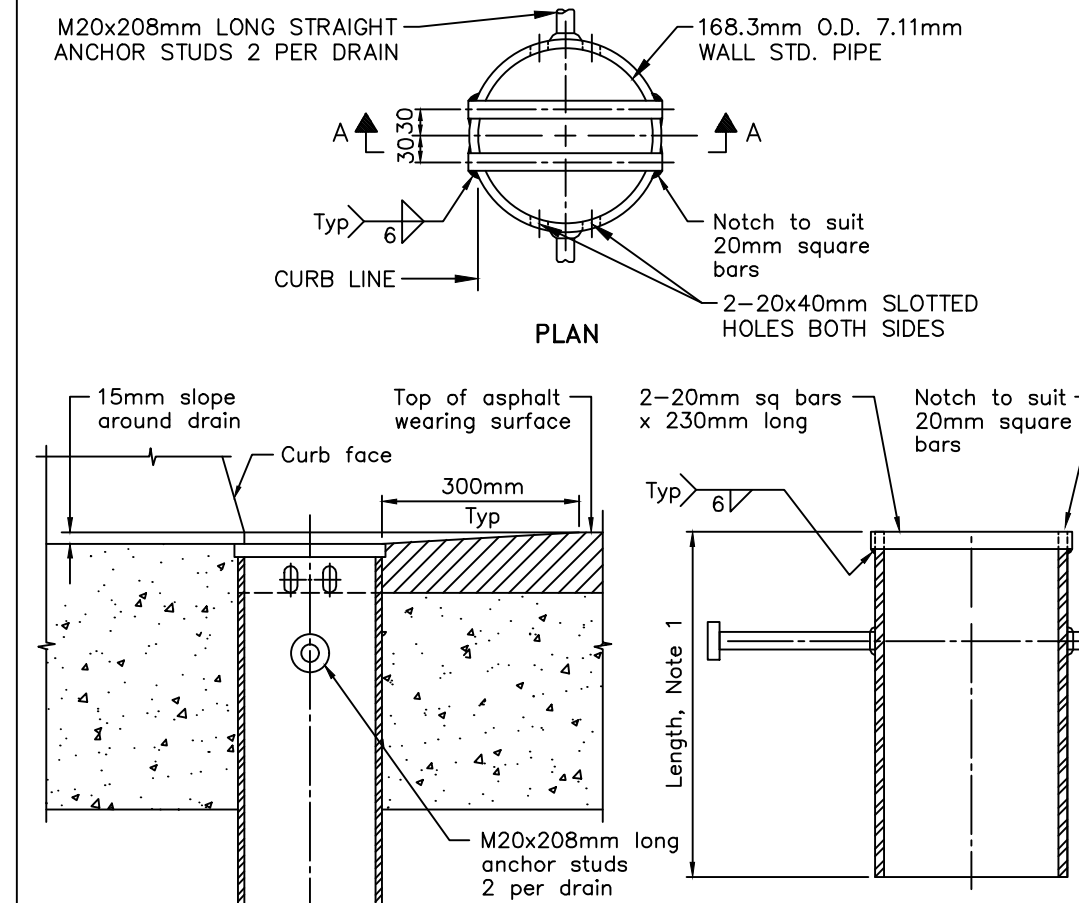


FINISHED ASPHALT GRADE		MATCH	270.64	270.74	270.88	271.03	271.15	271.39	271.63	271.87	272.11	MATCH						
EXISTING Q GRADE		270.451	270.615	270.667	270.794	270.932	271.013	271.153	271.273	271.421	271.549	271.668	271.782	271.909	272.108	272.270	272.462	272.746
STATION	1+980	1+990	2+000	2+010	2+020	2+030	2+040	2+050	2+060	2+070	2+080	2+090	2+100	2+110	2+120	2+130	2+140	2+150



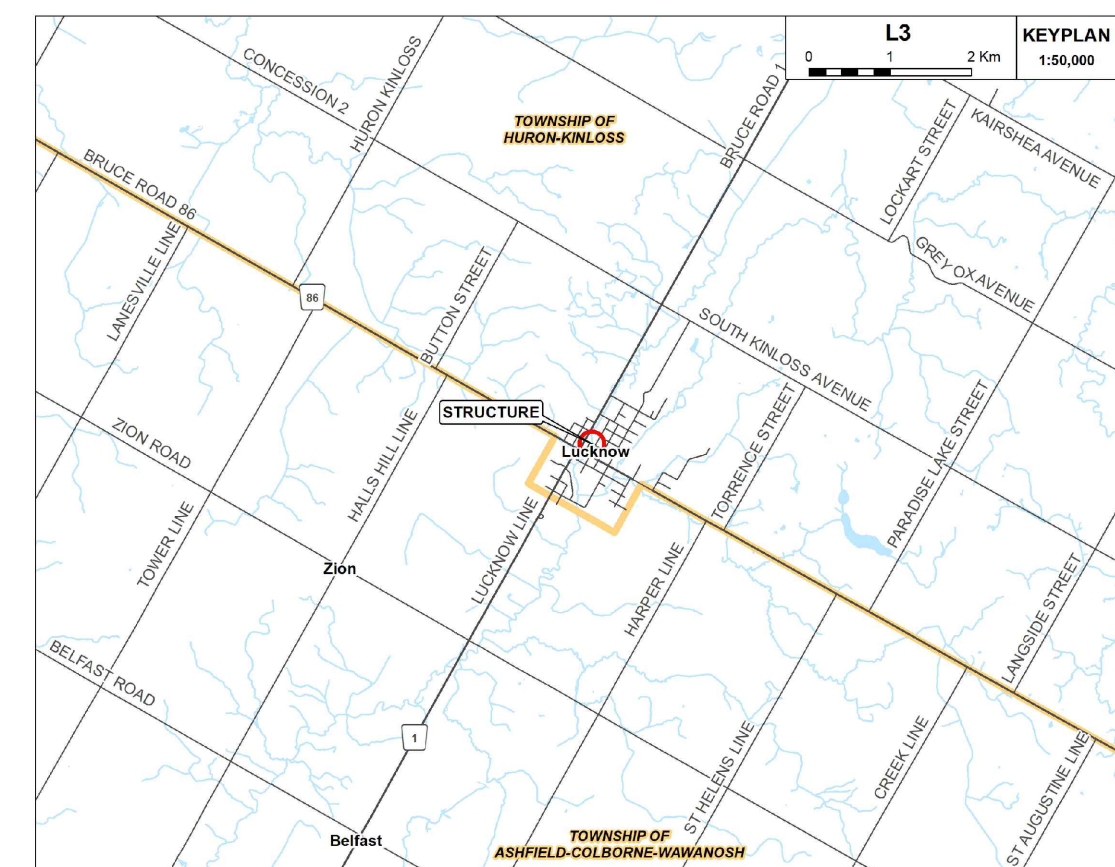
ENVIRONMENTAL PROTECTION NOTES:

- ENVIRONMENTAL PROTECTION MEASURES LISTED IN CONTRACT DOCUMENTS AND AS SPECIFIED BY THE CONSERVATION AUTHORITY AND DFO SHALL BE FOLLOWED.
- ALL CONCRETE AND STEEL COMPONENTS REMOVED FROM THE EXISTING STRUCTURE SHALL BE REMOVED FROM THE SITE.
- ALL IN STREAM WORK SHALL TAKE PLACE BETWEEN THE SPECIFIED TIME PERIOD AND IN ACCORDANCE WITH OTHER REQUIREMENTS OUTLINED IN THE APPROVAL FROM THE CONSERVATION AUTHORITY AND ANY OTHER GOVERNING BODY.
- SEDIMENT AND EROSION CONTROL MEASURES, SUCH AS INSTALLATION OF SILT FENCING OR STRAW-BALE CHECK DAMS PLACED DOWN SLOPE OF ANY SILT MATERIALS STOCK PILED AND EXPOSED TOPSOIL, SHALL BE PLACED AND MAINTAINED AS DIRECTED BY THE CONTRACT ADMINISTRATOR DURING CONSTRUCTION AND UNTIL A SUITABLE CATCH OF GRASS IS ESTABLISHED.
- DISTURBED AREAS NOT COVERED WITH RIPRAP OR A GRAVEL SURFACE SHALL BE COVERED WITH TOPSOIL AND RESTORED WITH SEED AND MULCH WHERE DIRECTED BY THE CONTRACT ADMINISTRATOR.
- REFUELING OF EQUIPMENT SHALL BE PERFORMED IN AN ENVIRONMENTALLY RESPONSIBLE MANNER, WHERE PRACTICAL. REFUELING SHALL BE DONE MORE THAN 30m FROM THE STREAM. ANY SIGNIFICANT SPILLS SHALL BE REPORTED TO THE MINISTRY OF ENVIRONMENT SPILLS ACTION CENTRE.
- ANY SCAFFOLDING AND FALSE-WORK SYSTEM REQUIRED FOR THE REPAIRS SHALL HAVE A KICK PLATE AROUND THEM AND BE DESIGNED TO CATCH THE CONCRETE REMOVED AS PART OF THE REPAIRS. FOOTINGS MAY ONLY BE PLACED WITHIN THE WATERWAY DURING THE DESIGNATED TIME PERIOD OUTLINED IN THE APPROVAL FROM THE CONSERVATION AUTHORITY AND OTHER OTHER GOVERNING BODY.



- NOTES:
- Length and shape of downspout as specified.
 - Drains shall be hot dip galvanized after fabrication according to ASTM A 123.
 - Anchor studs shall be attached using fusion weld process.
 - Pipe shall be according to ASTM A 53M, Grade B.
 - All welding shall be of a low hydrogen classification and according to CSA W59.
 - All dimensions are in millimetres unless otherwise shown.

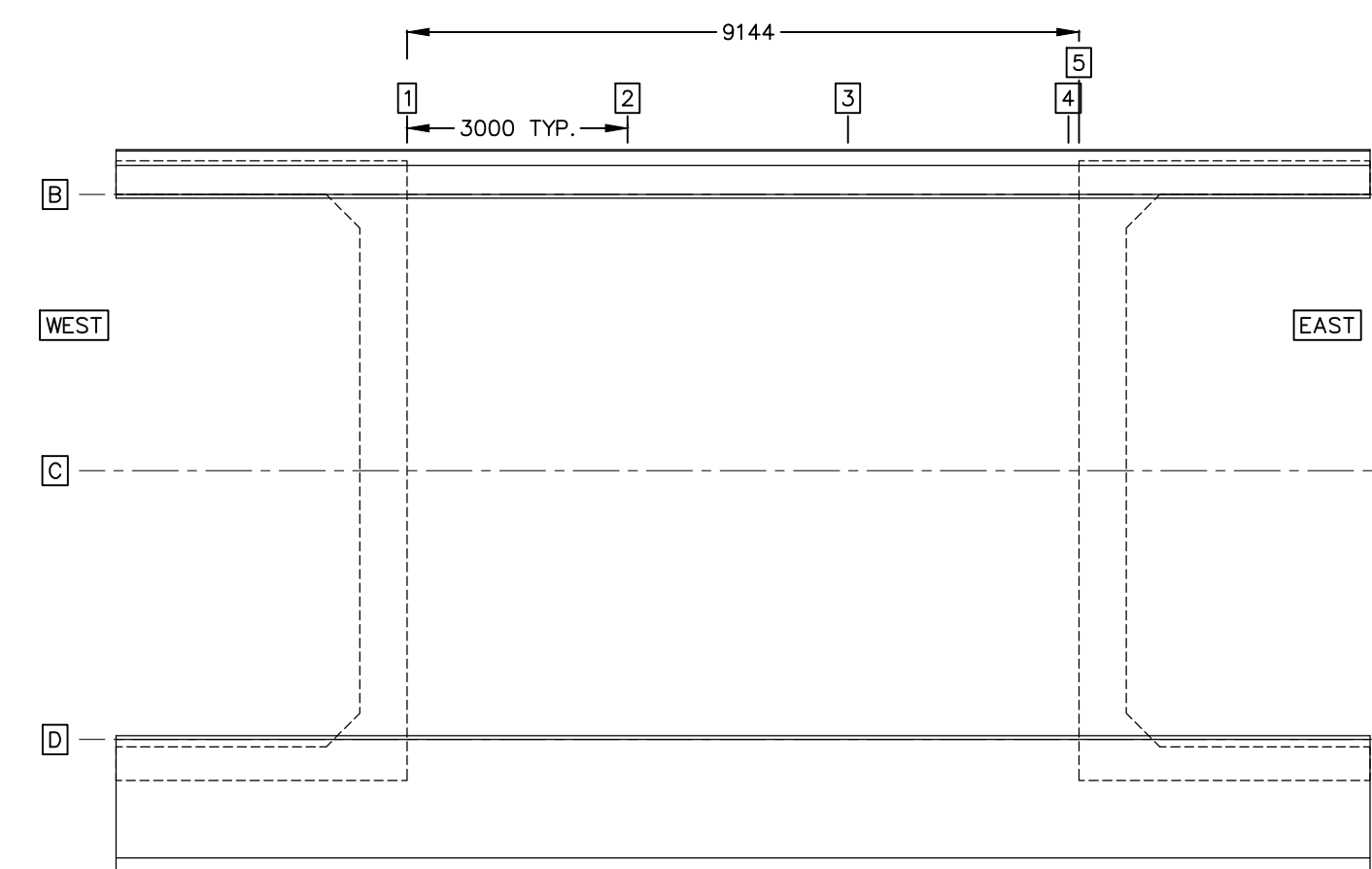
DECK DRAINS WITH DOWNSPOUT OPSD 3340.100 MOD



KEY PLAN N.T.S.

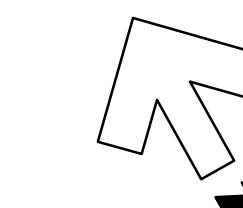
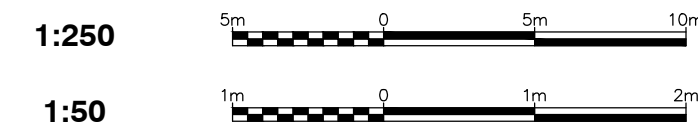
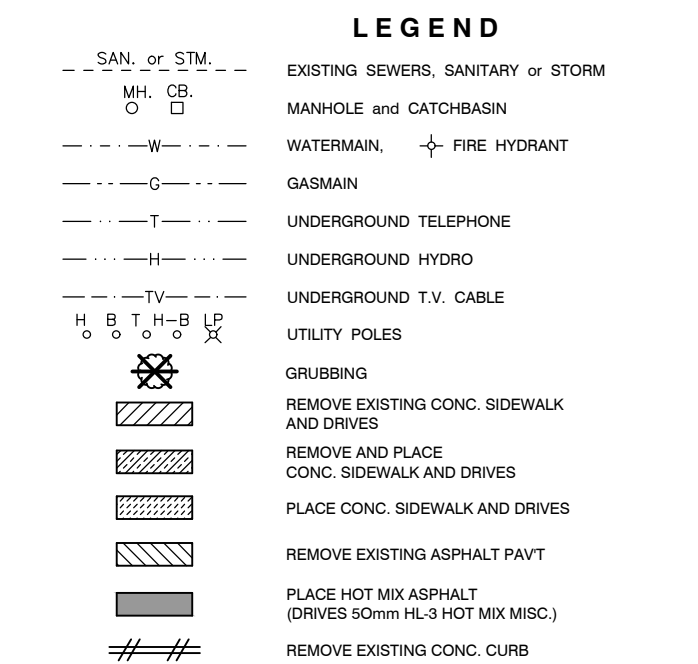
NOTES:

- Work to be done in accordance with the latest revision of Ontario Provincial Standard Specifications for Structures.
- Class of concrete:
Patch Repairs and Overlay: CSA exposure class C-2 (32 MPa compressive strength)
Soffit Patch Repairs: Self consolidated concrete or non-shrink grout mix with a minimum 35 MPa compressive strength at 28 days, placed by form and pump method.
Approval of the Contract Administrator's Engineer is required for all mix designs and admixtures.
- Concrete removal areas shall be delineated by a 25mm deep saw cut, unless otherwise approved. Concrete removals shall be made by saw and chipping hammers. Removals shall be in accordance with OPSS 928.
- Concrete patch repairs shall be wet cured for a minimum of 96 hours by leaving forms in place or applying wet burlap and vapour barrier.
- Reinforcing steel shall be grade 400 deformed bars. Bars shall be pre-bent at suppliers plant.
- Chamfer all exposed corners 25mm.
- Cover to reinforcing steel 70mm $\pm$ 20mm except where noted.
Uncoated: 15M - 550mm; 20M - 690mm
- Lap splice information (unless noted otherwise)
Materials to be as identified on M.T.O. Designated Sources List. Epoxy grout shall be a 2-part epoxy.
- Use a sand-cement slurry as a bonding agent for all deck patches.
- All connecting hardware shall be grade A325, hot dip galvanized.
- Waterproofing and protection board shall be done in accordance with OPSS 914 and OPSS 3370.100.
- Provisional nodes are to be Galvalshield type XP4 or accepted equivalent. Anodes are to be installed as per the manufacturers recommendations.



LINE	DISTANCE FROM ABUT. FACE	SCREED GRADES				
		A SCREED GRADE	B SCREED GRADE	C SCREED GRADE	D SCREED GRADE	E SCREED GRADE
1	0m	—	—	—	—	—
2	3m	—	—	—	—	—
3	6m	—	—	—	—	—
4	9m	—	—	—	—	—
5	9.144m	—	—	—	—	—
EAST		NORTH		SOUTH		

*SCREED GRADES TO BE SET AT TIME OF CONSTRUCTION



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BENCHMARK INFORMATION
B.M. Elev. 267.915
Nail and flag in HP on south side of Wheeler Street, on the first pole east of the bridge
Northing: 4967800.742
Easting: 0458692.458

Design By: J.P.J. Checked By: K.D.L.



No.	DATE	REVISION
1	Dec. 14, 2023	Issued for Approvals
2	Feb. 26, 2024	Issued for Tender



Goderich Mount Forest Sarnia



Township of Huron-Kinloss (Lucknow)

Wheeler Street Bridge L3

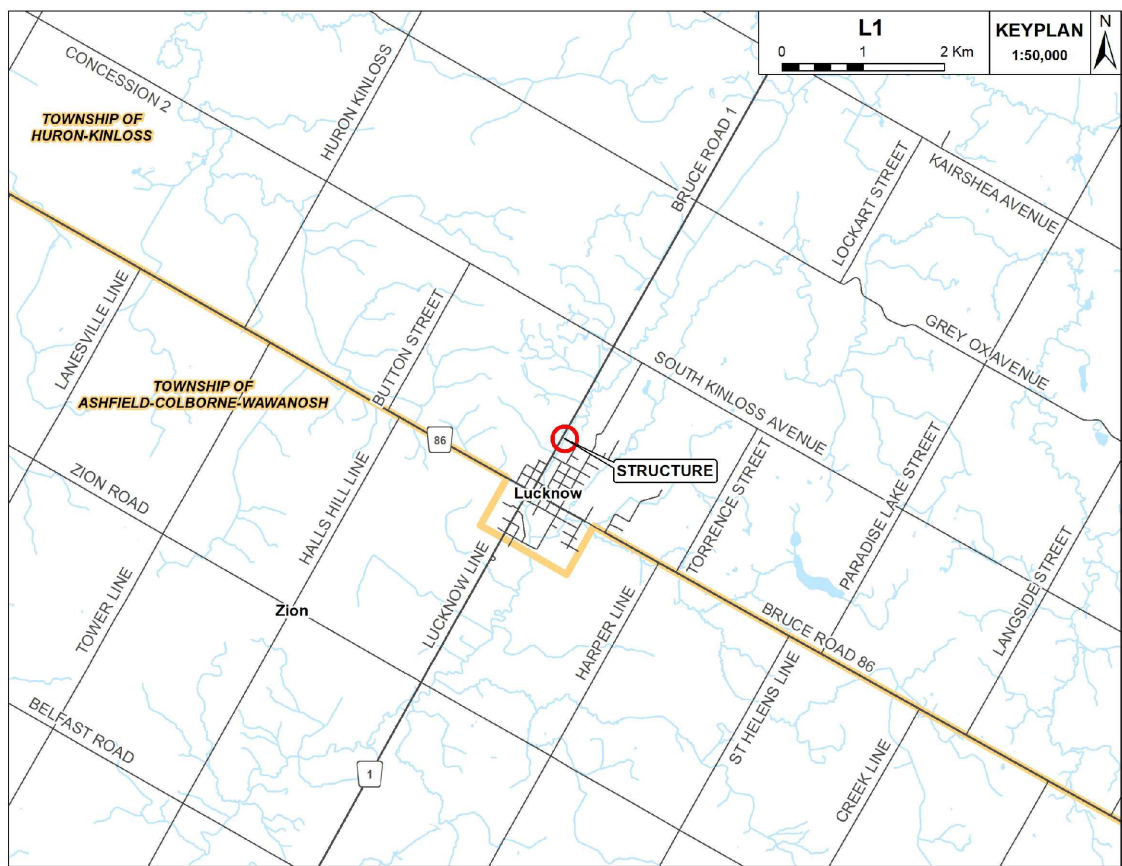
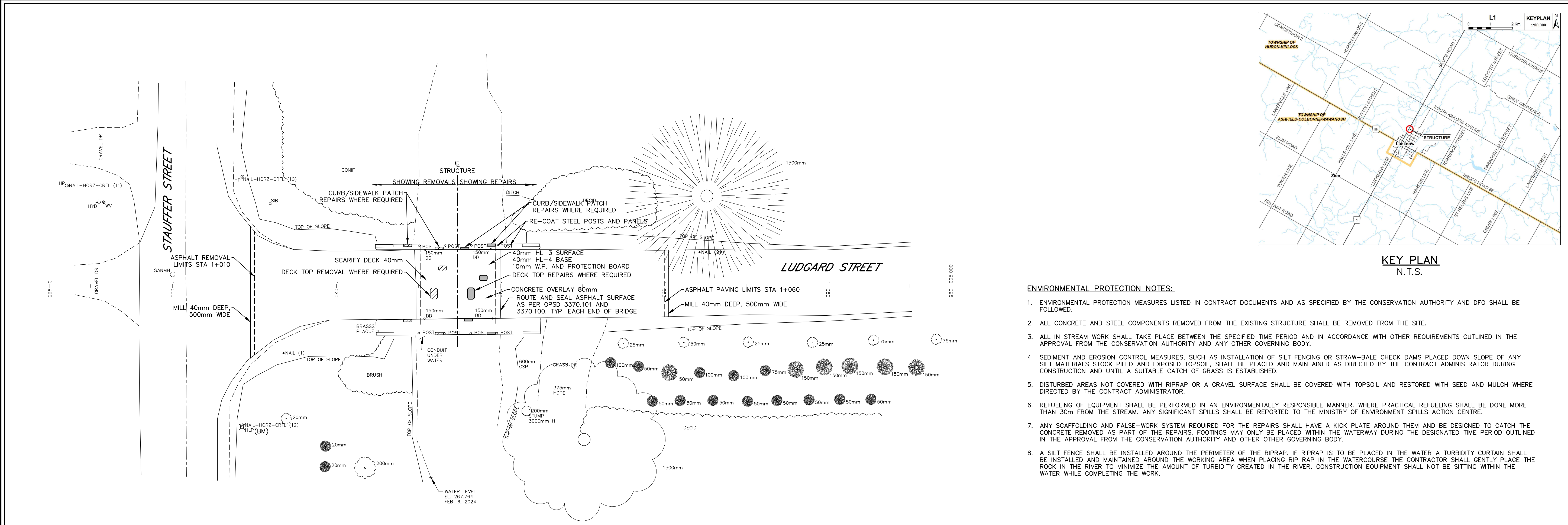
Bridge Details Part 2

Contract No. 20219

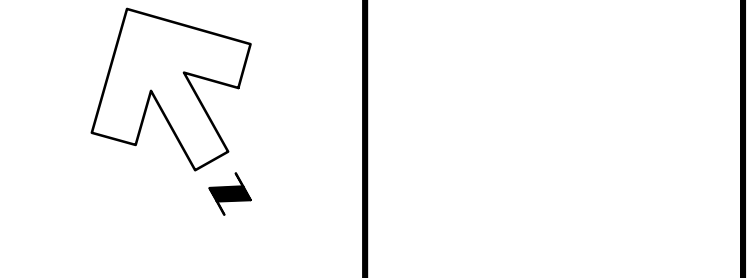
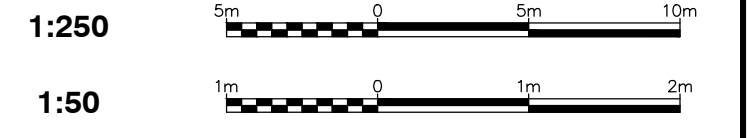
Project No. BR036A

Scale (24x36) As Noted

Drawing No. 5



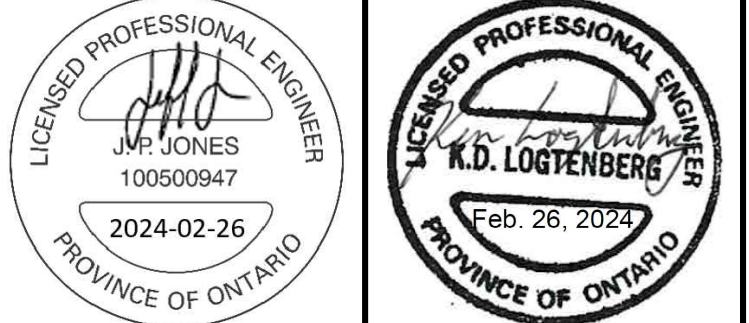
LEGEND	
— SAN. or STM. —	EXISTING SEWERS, SANITARY or STORM
— W. —	WATERMAIN
— G. —	GASMAIN
— T. —	UNDERGROUND TELEPHONE
— H. —	UNDERGROUND HYDRO
— TV —	UNDERGROUND T.V. CABLE
— U. —	UTILITY POLES
— GRUBBING —	GRUBBING



NOTE
The locations of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representative. The contractor shall determine the exact location of all existing utilities before commencing work and agrees to be fully responsible for any damages which might be occasioned by the contractor's failure to exactly locate and preserve any and all underground utilities.

BENCHMARK INFORMATION
B.M. Elev. 270.026
Nail and flag in HP on south side of Ludgard Street, on West side of bridge.
Northing: 4868390.362
Easting: 0458912.310

Design By: J.P.J. Checked By: K.D.L.



No.	DATE	REVISION
1.	Feb. 15, 2024	Issued for Client Review
2.	Feb. 26, 2024	Issued for Approvals
3.	Feb. 26, 2024	Issued for Tender

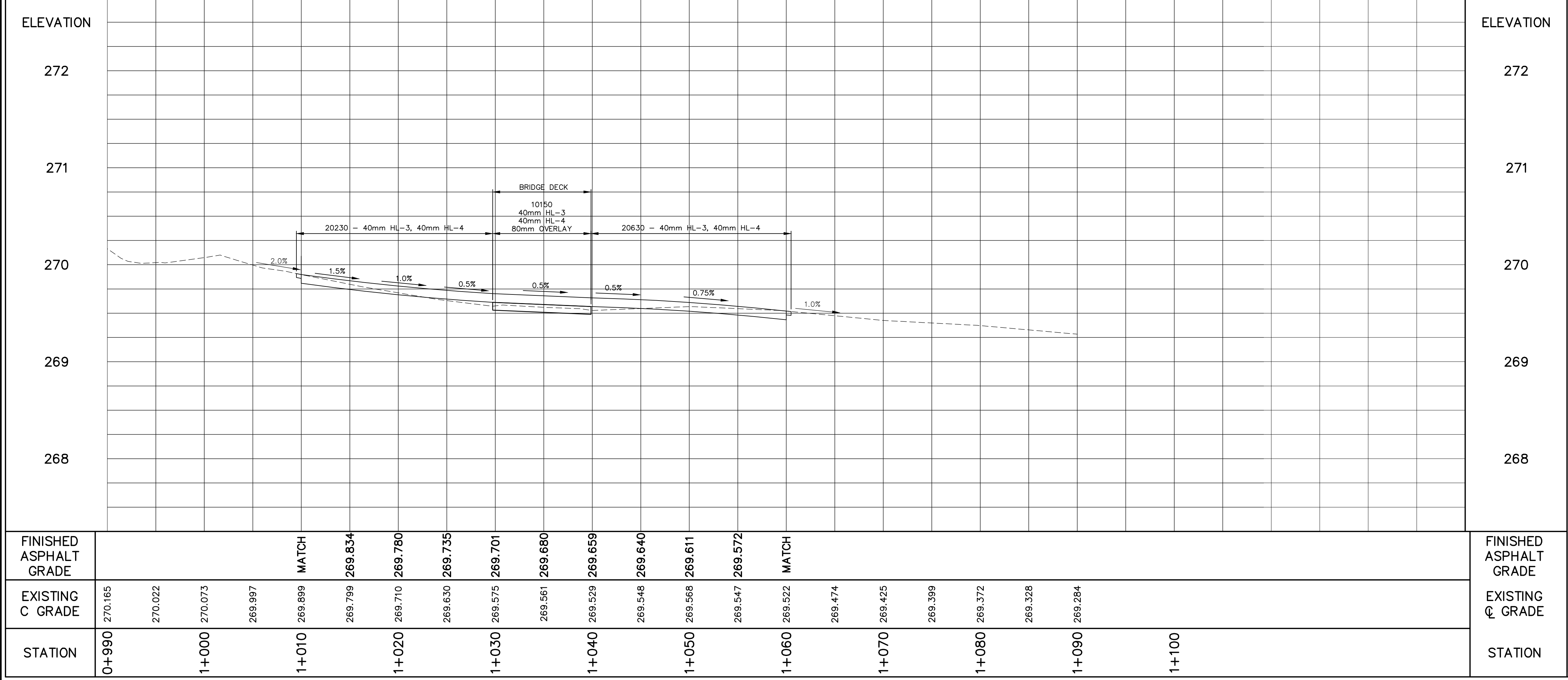


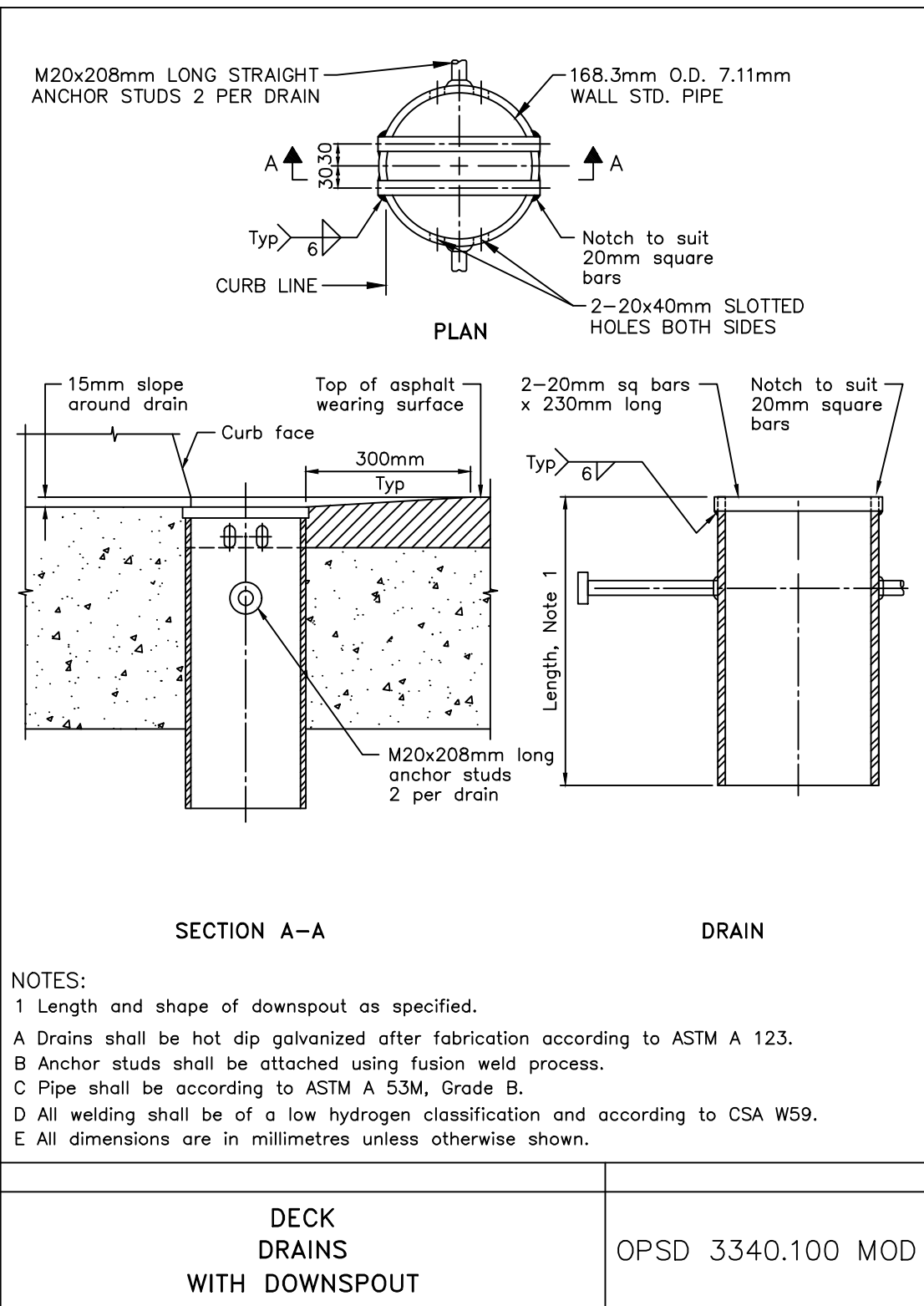
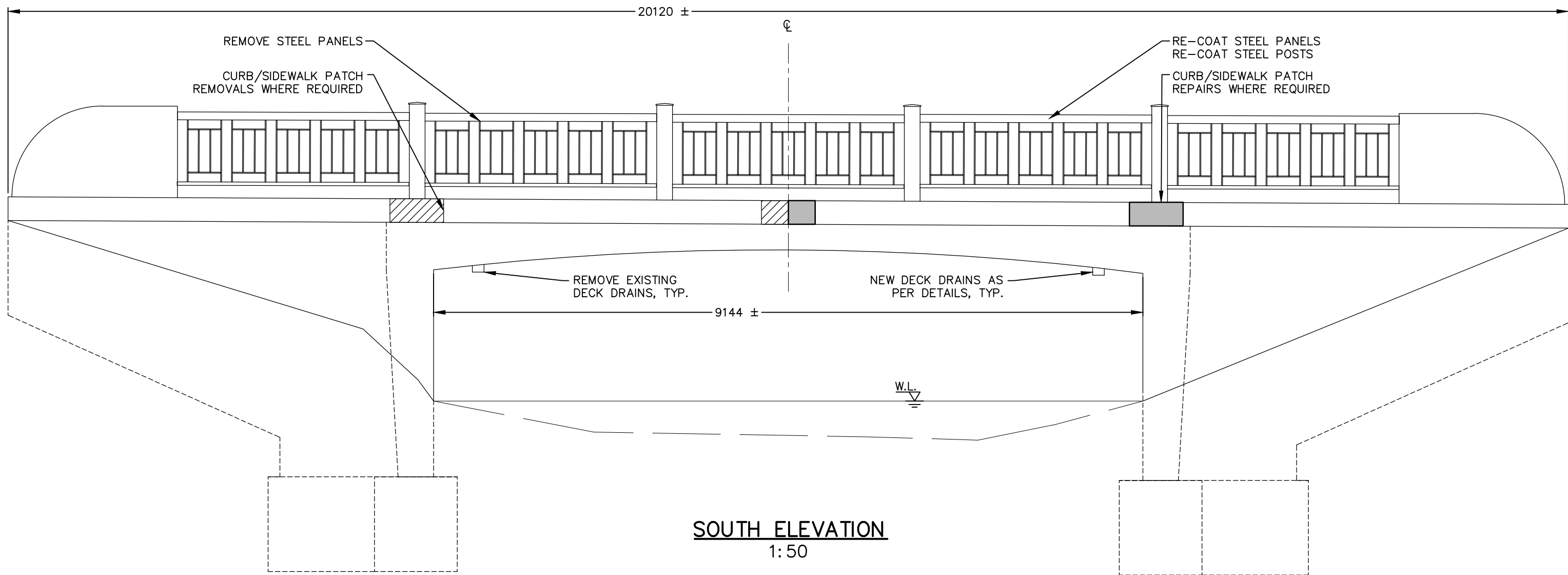
Goderich Mount Forest Sarnia



Township of Huron-Kinloss (Lucknow)
Ludgard Street Bridge L1
Plan and Profile
Part 3

Contract No. 20219	Project No. BR166A
Scale (24x36) Horizontal : 1 : 250 Vertical : 1 : 50	Drawing No. 6





NOTES:

1 Length and shape of downspout as specified.

A Drains shall be hot dip galvanized after fabrication according to ASTM A 123.

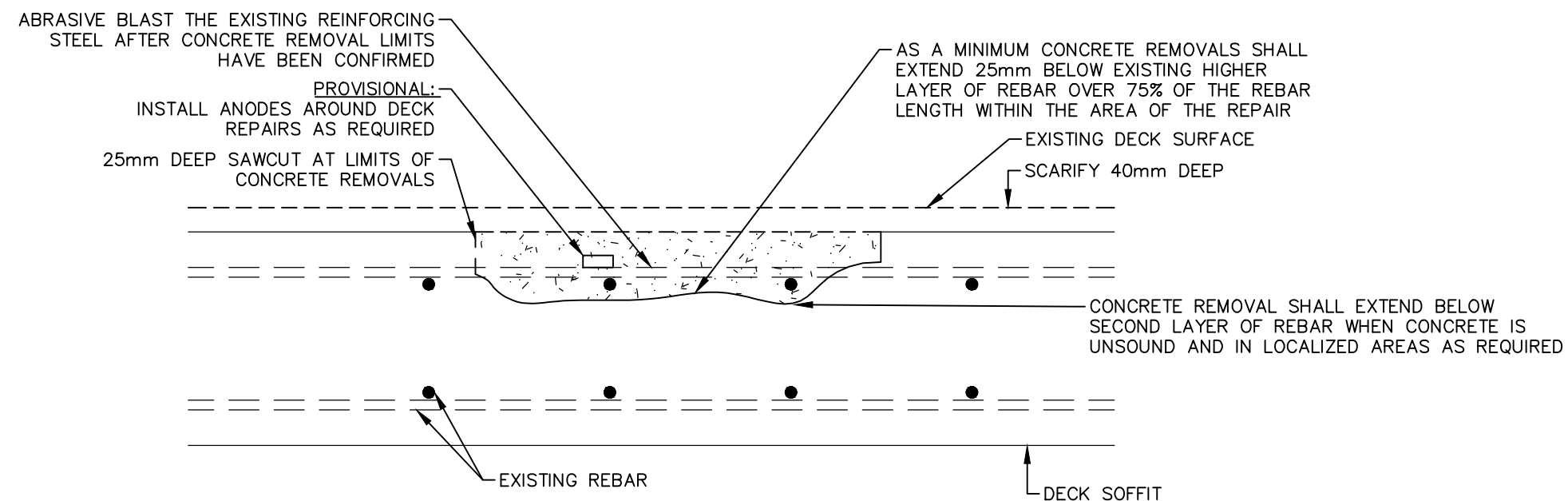
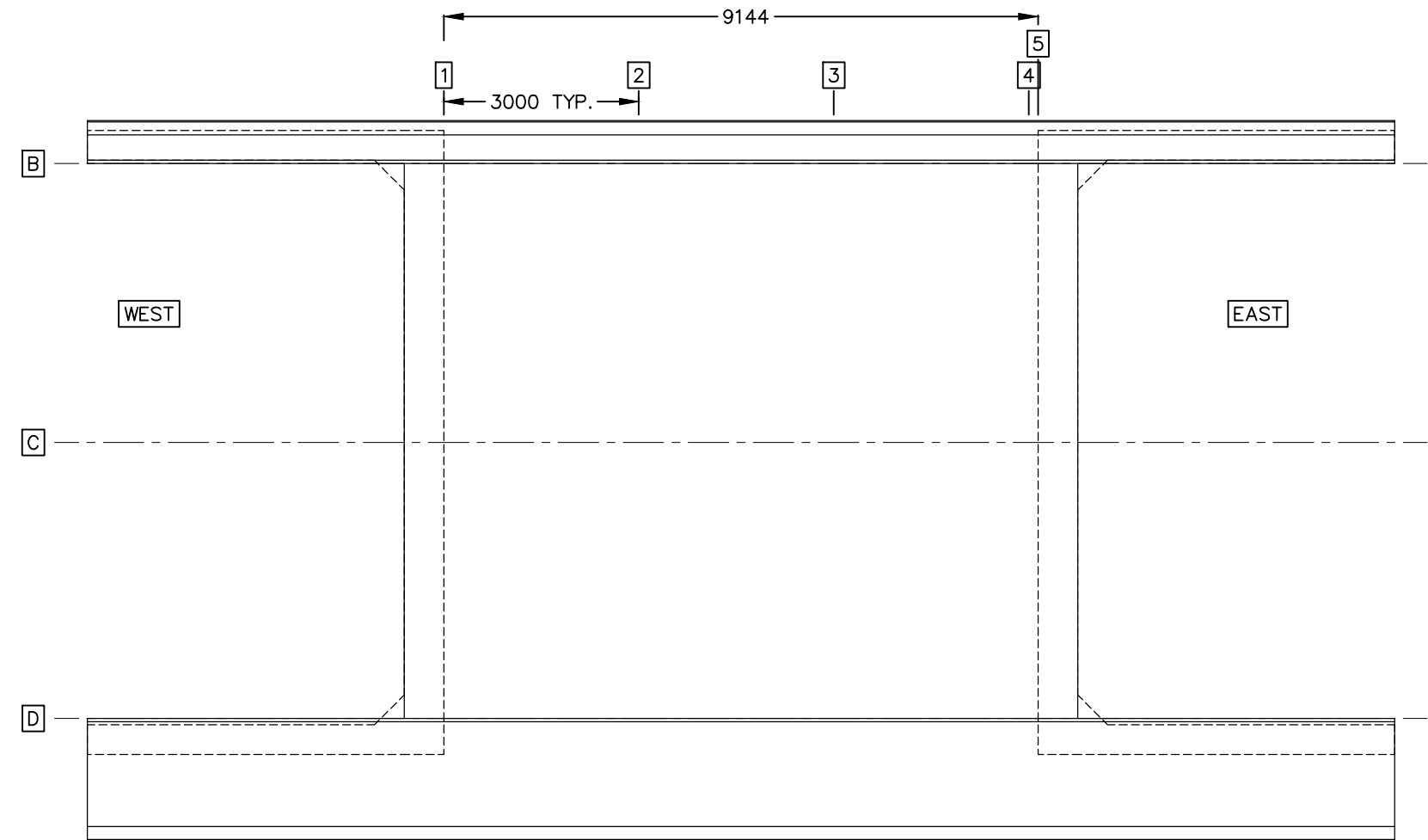
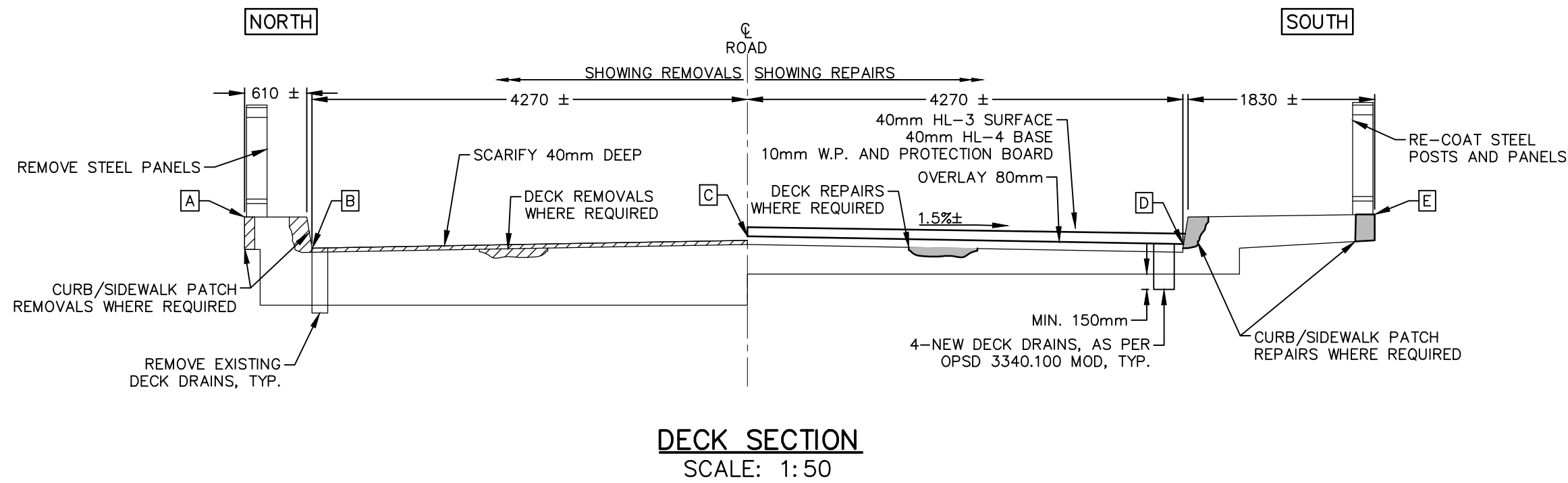
B Anchor studs shall be attached using fusion weld process.

C Pipe shall be according to ASTM A 53M, Grade B.

D All welding shall be of a low hydrogen classification and according to CSA W59.

E All dimensions are in millimetres unless otherwise shown.

- NOTES:
- Work to be done in accordance with the latest revision of Ontario Provincial Standard Specifications for Structures.
 - Class of concrete:
Patch Repairs and Overlay: CSA exposure class C-2 (32 MPa compressive strength)
Approval of the Contract Administrator's Engineer is required for all mix designs and admixtures.
 - Concrete removal areas shall be delineated by a 25mm deep saw cut, unless otherwise approved. Concrete removals shall be made by saw and chipping hammers. Removals shall be in accordance with OPS 928.
 - Concrete patch repairs shall be wet cured for a minimum of 96 hours by leaving forms in place or applying wet burlap and vapour barrier.
 - Reinforcing steel shall be grade 400 deformed bars. Bars shall be pre-bent at suppliers plant.
 - Chamfer all exposed corners 25mm.
 - Cover to reinforcing steel 70mm ± 20mm except where noted.
 - Lap splice information (unless noted otherwise)
Uncoated: 15M - 550mm; 20M - 690mm
 - Materials to be as identified on M.T.O. Designated Sources List. Epoxy grout shall be a 2-part epoxy.
 - Use a sand-cement slurry as a bonding agent for all deck patches.
 - All connecting hardware shall be grade A325, hot dip galvanized.
 - Waterproofing and protection board shall be done in accordance with OPS 914 and OPSD 3370.100.
 - Provisional anodes are to be Galvashield type XP4 or accepted equivalent. Anodes are to be installed as per the manufacturers recommendations.



SCREED GRADES						
LINE	DISTANCE FROM ABUT. FACE	A SCREED GRADE	B SCREED GRADE	C SCREED GRADE	D SCREED GRADE	E SCREED GRADE
WEST						
1	0m	—	269.546	269.610	269.546	—
2	3m	—	269.533	296.597	269.533	—
3	6m	—	269.520	269.585	269.520	—
4	9m	—	269.508	269.572	269.508	—
5	9.144m	—	269.507	269.571	269.507	—
EAST						

*SCREED GRADES TO BE SET AT TIME OF CONSTRUCTION



Goderich Mount Forest Sarnia



Township of Huron-Kinloss (Lucknow)

Ludgard Street Bridge L1

Bridge Details
Part 3

Contract No. 20219	Project No. BR166A
Scale (24x36) As Noted	Drawing No. 7