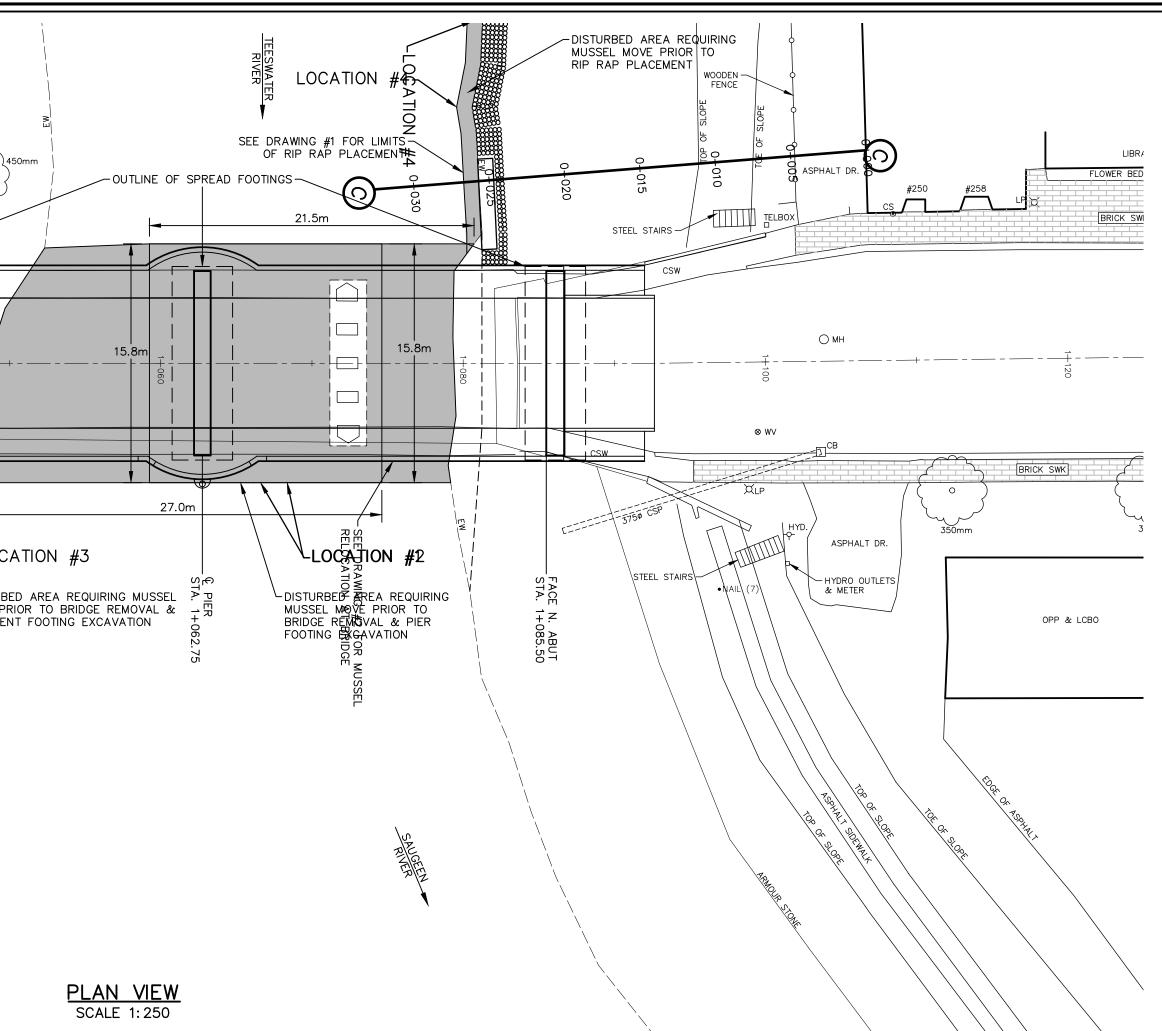
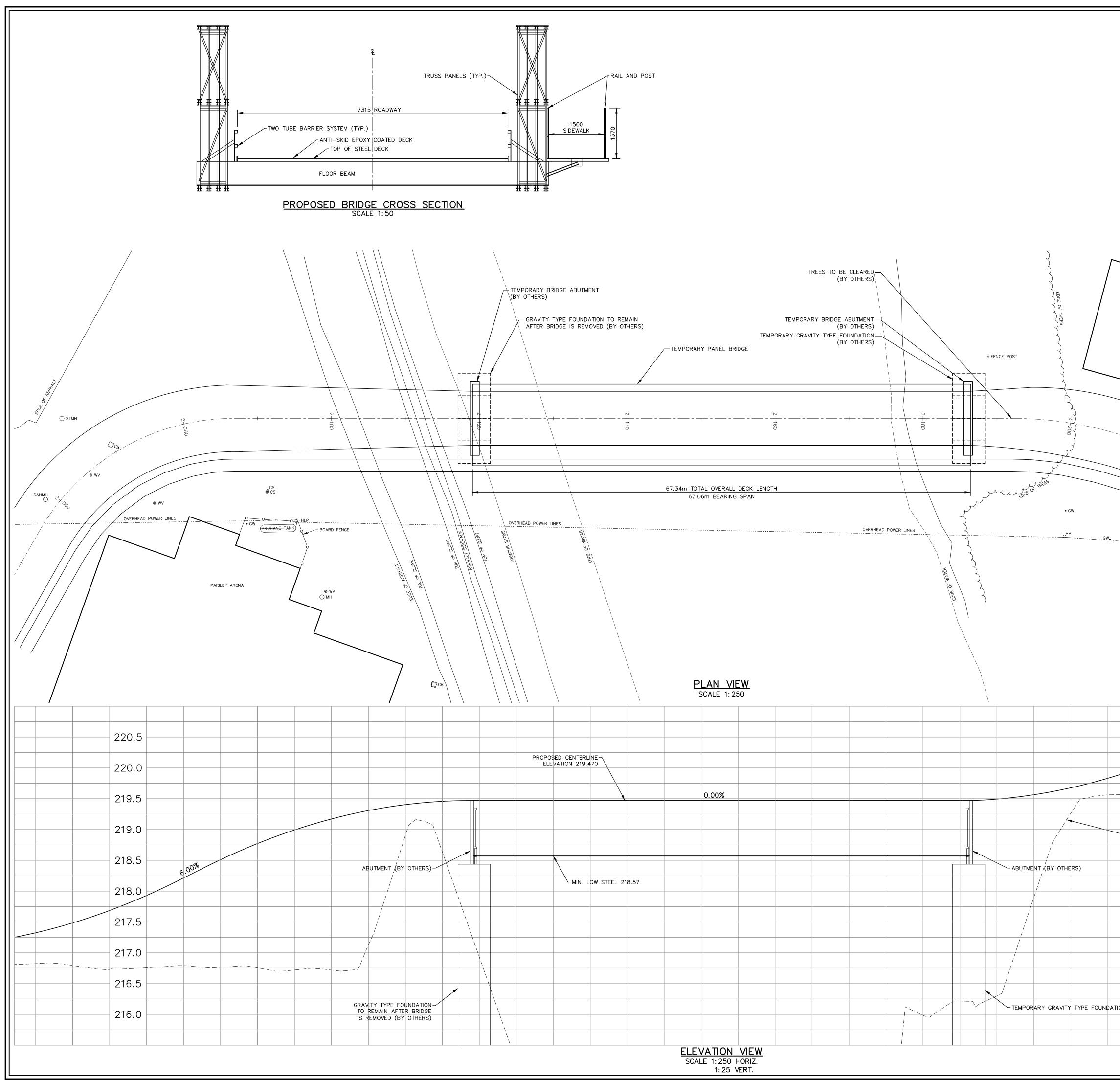
APPENDIX H

DRAWINGS OF PREFERRED ALTERNATIVE

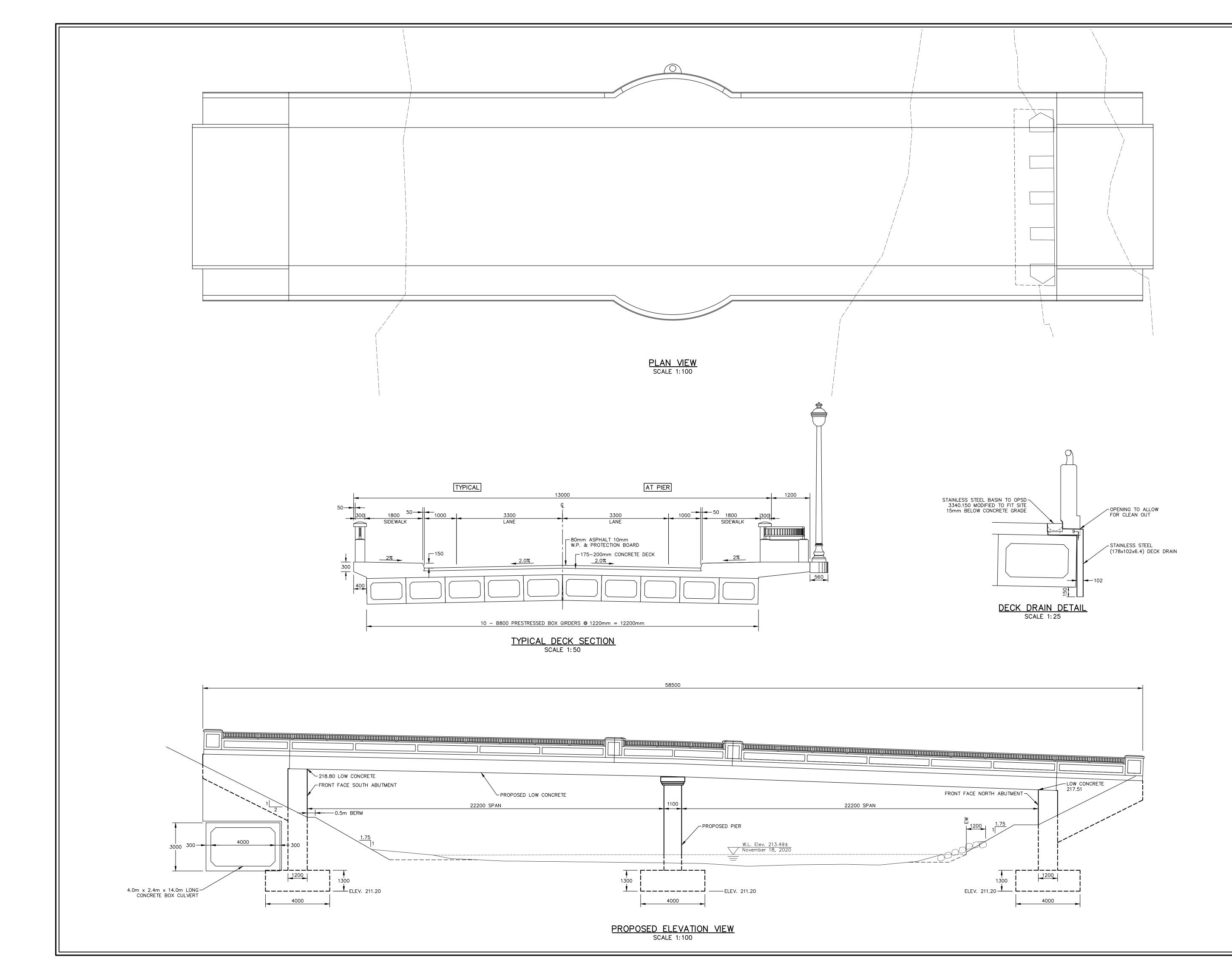
		CSW	CB ROCK RIP RAP O O O O O O O O O O O O O O O O O O O	6.8m GABION BASKE				ISERION #2		STEEL STAIRS		CB CB CB ASPHALT DR. HYDRO OUTLETS & METER ASPINIT OR OUTLETS A METER	BRICK O 350mm	20	
ELEVATION															7
															- 222 (
222.0		20.00													_
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221.5				ABUT 1+040											221.5
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221.5 221.0 220.5 220.0				ABU 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	-PROPOSED CE				F = 1+083.60						221. 221. 221. 220.
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221.5 221.0 220.5 220.0 219.5 219.0					-2.01%	ENTERLINE PROFILE					STA = 1+100.00 ELEV = 218.078				221.8 221.0 220.8 220.0 219.8 219.0
221.5 221.0 220.5 220.0 219.5 219.0 218.5					-2.01%	ENTERLINE PROFILE					u I II				221.8 221.0 220.0 220.0 219.0 219.0 218.8
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221.5 221.0 220.5 220.0 219.5 219.0 218.5 218.0 218.0 217.5 217.0					EXISTING CENTERLINE PR	ENTERLINE PROFILE					ELEV =				221.8 221.0 2221.0 2220.0 219.0 219.0 218.0 218.0 218.0
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221.5 221.0 220.5 220.0 219.5 219.0 218.5 218.0 218.0 217.5 217.5 217.0	221.716 221.527 221.539 221.339 221.339 221.339 221.130 220.900	0.47		220.095 220.11	2.01% EXISTING CENTERLINE PF	ENTERLINE PROFILE			8.654 218.67	.27	.08 .08	317.973 317.903 317.905 317.905	313.858 313.858	17.817	221.8 221.0 2221.0 2220.0 219.0 219.0 218.0 218.0 218.0



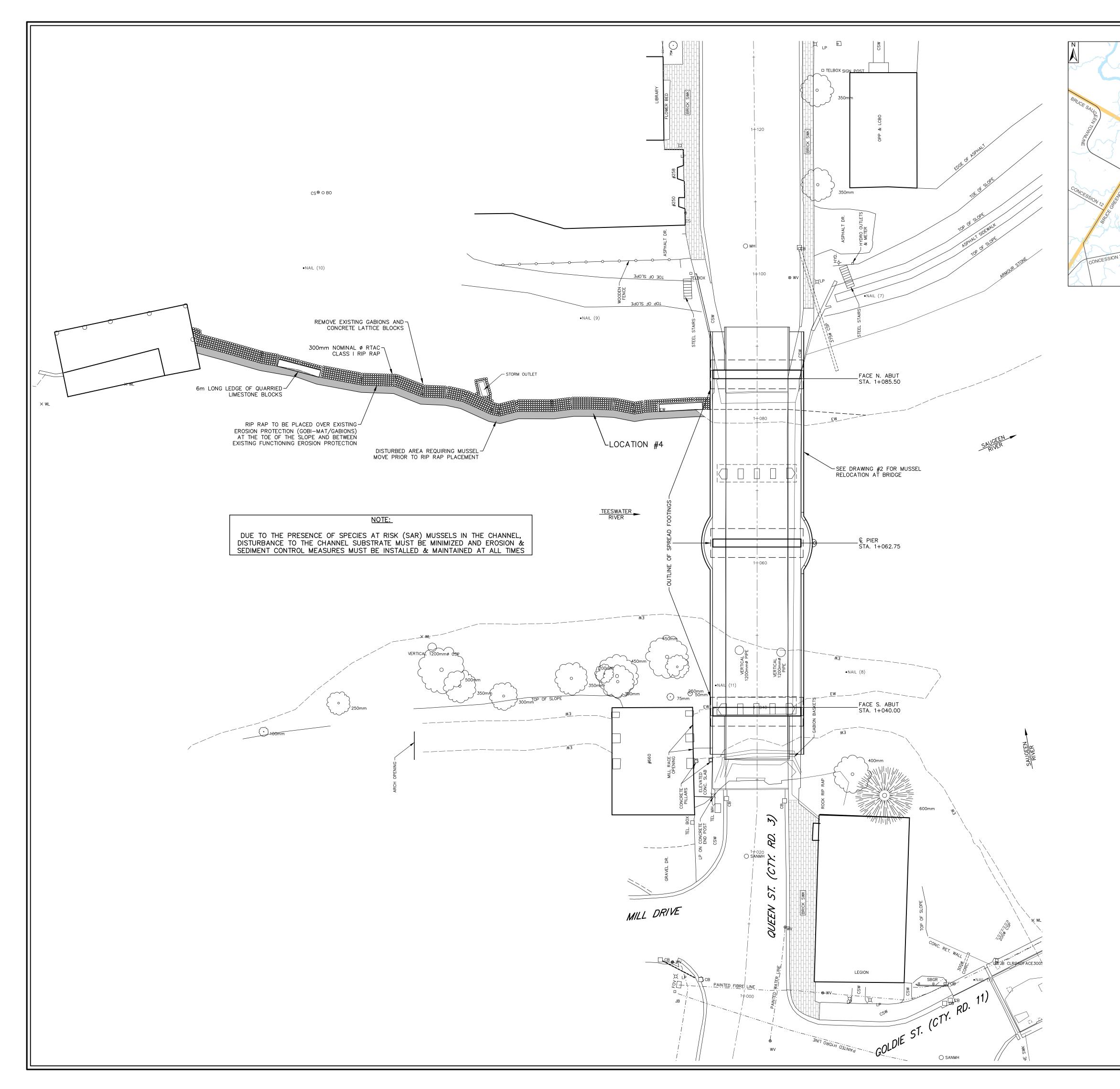
			<u>SANorSTM.</u> exis	
		19 km²) YEARS	MH. CB. O	- \-
	3. SPECIAL FEATURES AT SITE (DAMS, ICE,	SCOUR, DRIFT, SLIDING BANKS, ETC.)	G GAS	
	DAM WEST OF THE BRIDGE, TEESWAT AND THE SAUGEEN RIVER CONVERGE	ER RIVER	HUND	
	4. (A) EXISTING STRUCTURES AT SITE, UPS	TREAM AND DOWNSTREAM (GIVE LOCATION,	H, B, T, H−B, LP, UTILI K GRU	
		HIGH WATER, NET AREA FOR FLOW AT	NOTES:	
	AT SITE: 37.60m CLEAR SP THROUGH TRUSS E		1. See drawing #3 for addition	onal notes.
	UPSTREAM: MORRIS-TURNBER			
	2-17.2m SPAN RI			
	DOWNSTREAM: HURON COUNTY S			
		15.3m) SPAN RIGID FRAME BRIDGE		
	(B) REASON FOR CHANGE IN HEIGHT OR THAT OF EXISTING STRUCTURE			
	- INCREASED SPAN TO ALIGN S		1:250 ^{5m}	0 5m 10m
			1:25 ^{0.5m}	0 0.5m 1m
	5. INFORMATION ON EXTREME FLOODING AT S	AND REFLECTS HIGHEST		
	WATER ELEVATION TO BE ABOUT ELEV. WATER ELEVATION TO BE ABOUT ELEV.		1	
	6. IS IT LIKELY THAT STREAM BED WILL BE	_OWEREDNO	\checkmark	
	7. IS STRUCTURE ON A MUNICIPAL DRAIN			
	 8. DESIGN LOADING <u>CSA-S6-19</u> PLUS 9. (A) NAVIGATION CLEARANCES REQUIRED, I 	90 MM. ASPHALT. F ANY <u>N/A</u>		
		N/A	The locations of existing u approximate way only and	
			by the owner or its represe the exact location of all exi and agrees to be fully resp	
	(C) REQUIREMENTS OF OTHER AGENCIES	SAUGEEN VALLEY CONSERVATION AUTHORITY, D.F.O.	be occasioned by the contr preserve any and all under	
	WHO WILL BUILD IT,N/A	NO	BENCHMA B.M. Elev. 221.107	
	FINAL SUBMISSON 10. HAS APPROVAL BEEN OBTAINED FROM FE (N.W.P.) ACT <u>N/A</u> CANADIAN TR/ RAILWAY COMPANIES <u>N/A</u>		Nail & flag in North face of HF bridge on the South side of th Northing: 4905973.431 Easting: 0478329.827	
	11. APPROX. VOLUME OF CONCRETE	XX CU. M.	Design By: M.A.B.	Checked By: A.I.R.
	WEIGHT OF REINFORCEMENT WEIGHT OF STRUCTURAL STEEL	Tonne Tonne		
	LENGTH OF PRESTRESSED BEAMS LENGTH OF PIPE CULVERT	LIN. M. LIN. M.		
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1.5				
			No. DATE 1. July 19, 2021 Issue for Count	REVISION tv Beview
1.0				
0.5				
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				DAGG
9.5				ROSS g better communities
9.0			Goderich Mount	Forest Sarnia
8.5				91 2°W
			BRU	
8.0			cou	
			Co	
7.5			Coun Bru	-
7.0			Teeswater F	•
	FINISHED		Plan and P Sta. 0+990	
	Q GRADE		Ctructure No	Drojaat Na
	EXISTING		Structure No. 0333300	Project No. BR1400
	Q GRADE			
			Scale (24x36) Horizontal: 1:250	Drawing No.
	STATION		Vertical : 1:25	1 of

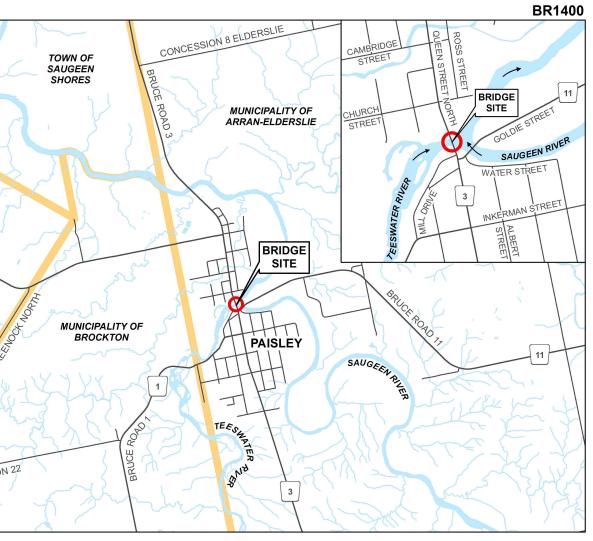


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ULER MUE ULER M	1:250 5m 1:50 1m 1:25 0.5m Design By: M.A.B. Design By: MA.B. Design By: July 19, 2021 Issue for Court July 19, 2021 Issue for Court July 19, 2021 July 19, 2021	REVISION
A.19% 220.0 219.5 EXISTING PROFILE 218.5	Goderich Mount Goderich Mount	81.3°W
218.0 217.5 217.0 217.0 216.5	Cour Bru Paisley Temp over Teesv Plan, Elevation & Structure No.	ICE orary Bridge vater River
ON (BY OTHERS) 216.0	0333300 Scale (24x36) As Shown	BR1400 Drawing No. 1 of 1



NO	TES:					
1.		of the	e built in ac Ontario Pro uctures.			
2.	Be Rei Mixes to	ams: maind be 0.	ressive strer 50MPa er: 35MPa (P.S.S. minim e Engineer is	CSA C-1) ium ceme	nt content.	-
3.	and admi	ixtures <u>ng:</u>	5.	·		5
	Els	ewher	GFRP Gro e: Steel, Gro	ade 400	OGPa)	
4.	Clear Cox Bottom c Top of de Bottom c Elsewhere	of pile		mm ± 25 im ± 20m im ± 10m	ווות ווא ווא unless	
5.			ith suffix "c	" — Epox	y Coated.	
6.	<u>Lap Splic</u> Gro	<u>e Lene</u> ade 40	<u>gths</u> :)0: 15M-52 20M-69 25M-10	0		
			<u>Coated</u> 15M-62 20M-82 25M-12	0		
7.	Abutment	t conc	As Per Manu prete above	the bearin	igs concrete	
8.	No abutn concrete simultane	nent b has r eously	me time as backfill shall eached 26 N behind both ackfill height	be placec IPa. Back abutmen	l until the c fill shall be ts so that	placed the
9.		oted o	otherwise, all			
10.	No concr	ete sł	nall be order e Contract A			it the
11.	Materials for Mater	to be ials Li	e as identifie ist.	ed on M.T.	0. Designat	ed Sources
12.			/CSA-S6-19) including	g allowance	for 90mm
13.	Environme	ental j	protection m Fisheries ar	neasures s	specified by	the
14.	Authority	shall	be followed.			
	1:50		1m	0	1 <u>m</u>	2m
	Design I	By: I	M.A.B.	Ch	ecked By:	A.I.R.
			m.a.b.			
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KEY PLAN

	EGEND
	SEWERS, SANITARY or STORM
	and CATCHBASIN
	N,
GASMAIN	
	OUND TELEPHONE
H B T H-B LP	
	DLES
MUSSEL REN	IOVAL AREA
	Area (m ²)
#1 - North Side Entry	292.0
#2 - South Side Entry	376.0
#3 - Mill Race #4 - Alona Riverbank	63.0
#4 — Along Riverbank	71.0
North Side Total (#1+#3+#4 South Side Total (#2+#3+#4	
5m	Q 5m 10m
1:250	
$ \bigvee \land \land$	
BENCHMARK	- INFORMATION
B.M. Elev. 221.107	
Nail & flag in North face of H	P. Fast of Goldie St
bridge on the South side of t	
Northing: 4905973.431	
Easting: 0478329.827	
Design By: MAB	Checked By: KV
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
Design By: M.A.B.	Checked By: K.V.
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