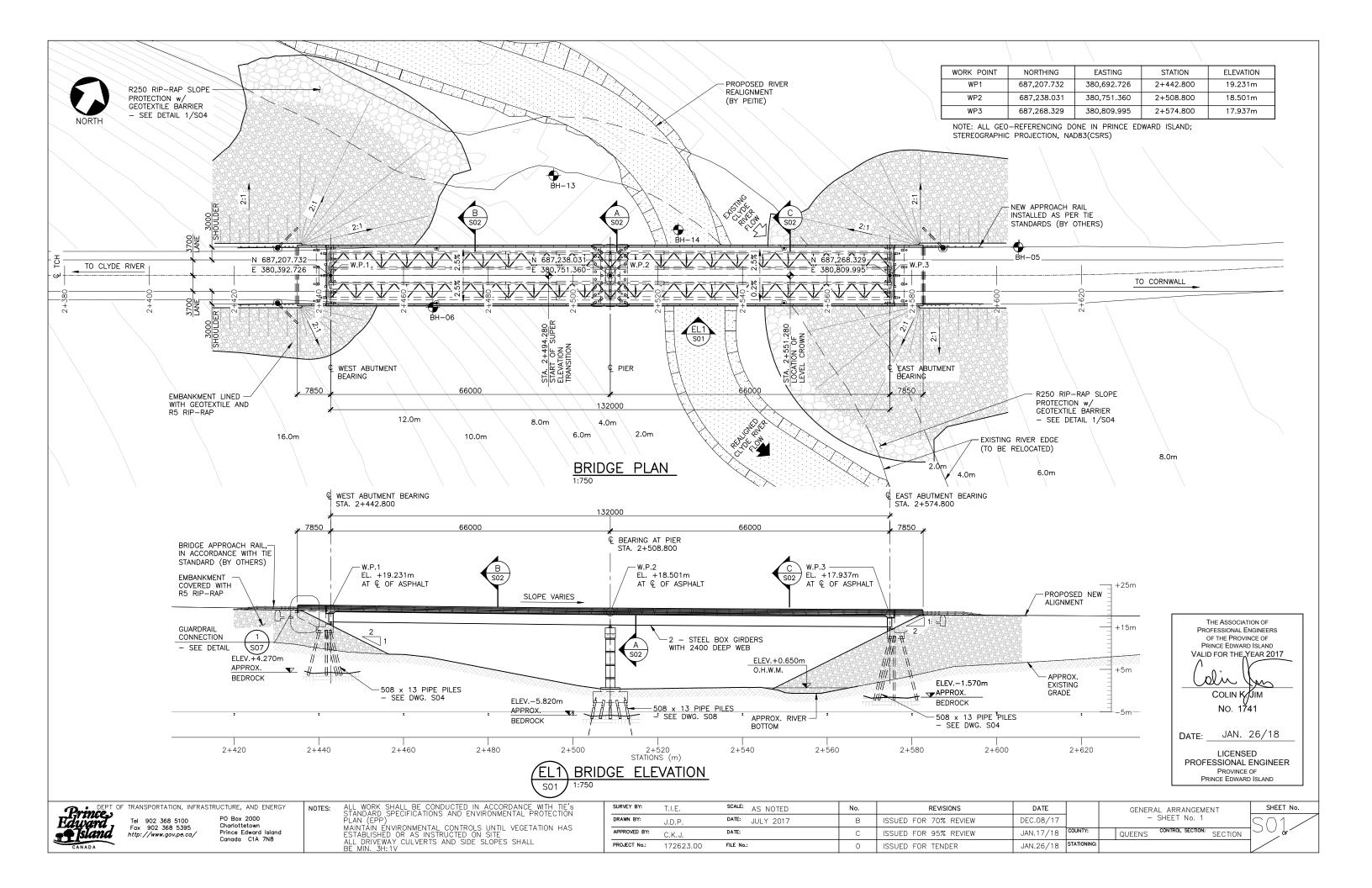
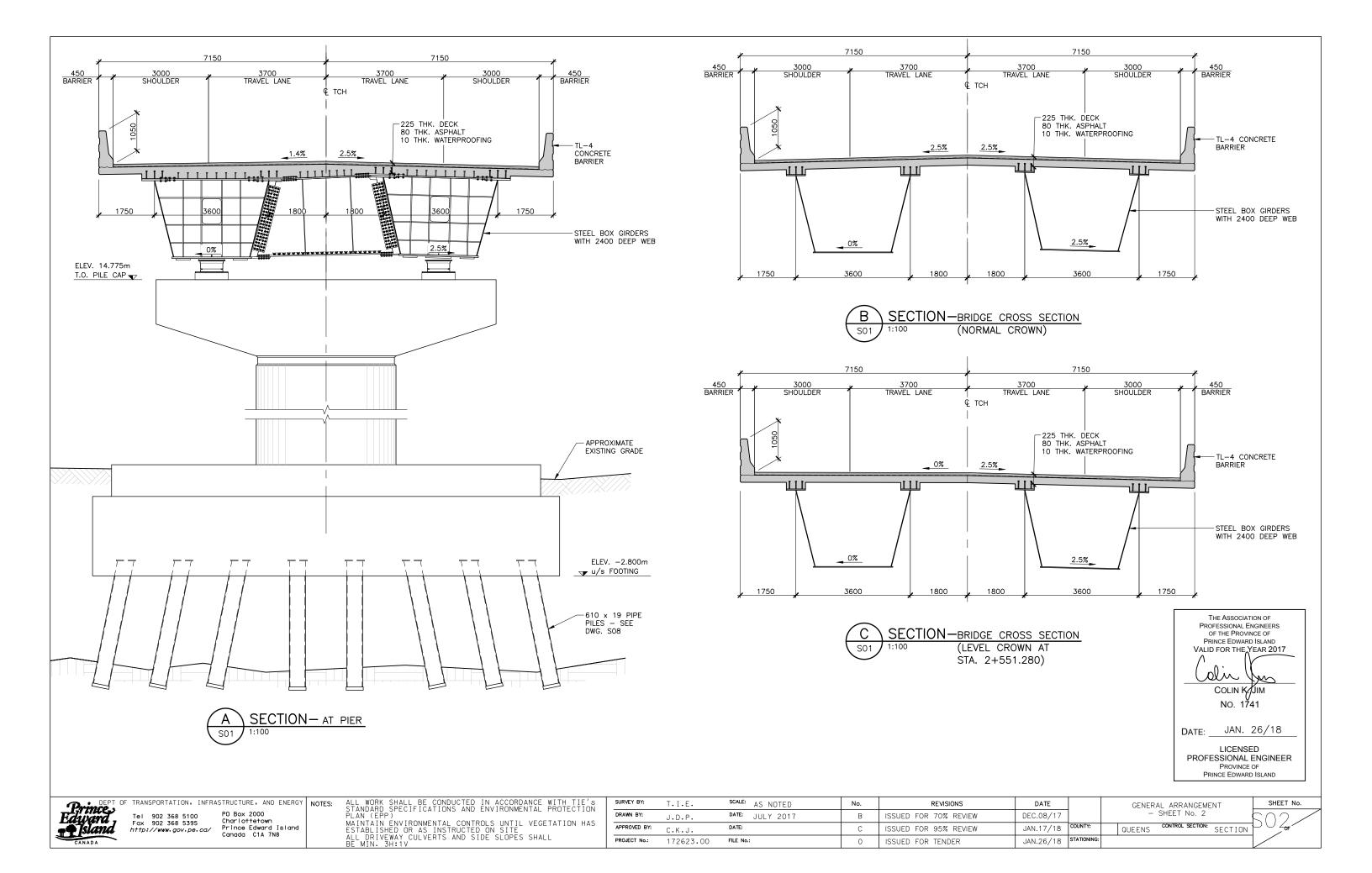


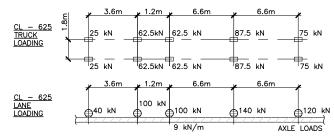
SHEET 33 REINFORCING BAR LISTS - SHEET No. 2





GENERAL NOTES:

- 1. GENERAL REQUIREMENTS GOVERNING DESIGN, MATERIALS, AND CONSTRUCTION ARE AS
 - a. LOADING CONSTRUCTION AND GENERAL DESIGN TO CSA-S6-14, WITH LATEST
 - PRINCE EDWARD ISLAND DEPARTMENT OF TRANSPORTATION, INFRASTRUCTURE AND FNERGY (PEITIE) GENERAL PROVISION AND CONTRACT SPECIFICATIONS
- 2. ALL DIMENSIONS SHOWN IN MILLIMETRES.
- 3. ALL ELEVATIONS SHOWN IN METRES.
- 4. ALL SPECIFICATION NOTES TO REFLECT THE "LATEST EDITION" AT TIME OF TENDER.
- 5. LIVE LOADS CL-625.



- 6. FOUNDATION DESIGN BASED ON INFORMATION PROVIDED IN GEOTECHNICAL REPORT PREPARED BY JOOSE ENVIRONMENTAL CONSULTING INC. REPORT PROJECT NUMBER JEO252, DATED SEPTEMBER 28, 2017. ADDITIONAL INFORMATION PROVIDED THROUGH
- 7. EXISTING ALIGNMENT INFORMATION, SURVEY INFORMATION AND WATER LEVELS PROVIDED BY
- 8. ANY DISCREPANCIES BETWEEN DRAWING AND FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- 9. BARRIER DESIGNED FOR TL-4 IMPACT LOADING AS PER CSA-S6-14.
- 10. COORDINATES ARE NAD83. AND ELEVATIONS ARE TO PEI GRID DATUM.
- 11. APPLY WATERPROOFING MEMBRANE IN ACCORDANCE WITH S6-14
- 12. APPLY TWO COATS OF A SELF PENETRATING SILANE SEALER TO ALL EXPOSED CONCRETE SURFACES ON THE BRIDGE EXCEPT FOR: THE BRIDGE DECK DRIVING SURFACE, SOFFIT, APPROACH SLAB. SEALER SHALL BE APPLIED TO A DEPTH OF 600mm BELOW PROPOSED FINISHED GRADE. THE SEALER SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. CONCRETE SHALL BE MOISTENED FOR 7 DAYS AND AIR DRIED FOR AN ADDITIONAL 14 DAYS BEFORE APPLYING THE SEALER.
- 13. PROVIDE SEDIMENT CONTROL MEASURES AS SPECIFIED IN THE PEITIE ENVIRONMENTAL
- 14. SUPPLY AND INSTALL ASPHALT SEALANT AT EACH OF THE APPROACH SLABS AT BOTH EAST AND WEST ABUTMENTS. THE SEALANT SHALL BE BERAM 195 LM LOW MODULUS HOT APPLIED JOINT SEALANT, OR APPROVED EQUAL.
- 15. SUPPLY AND INSTALL COMPRESSION SEAL EXPANSION JOINTS, AT THE END OF APPROACH SLAB AT BOTH THE EAST AND WEST ABUTMENTS, AS DETAILED ON THE DRAWINGS, EXCEPT AS MODIFIED HEREIN. THE DIMENSIONS AND DETAILS OF THE EXPANSION JOINT SHALL CONFORM TO THAT STATED ON THE DRAWINGS, WITH THE COMPRESSION SEAL CONFORMING TO DS BROWN CA-4000 COMPRESSION SEALS, OR APPROVED EQUIVALENT. ALL EXPANSION JOINT COMPONENTS SHALL CONFORM TO THE REQUIREMENTS OF CSA-S6-14 CANADIAN HIGHWAY BRIDGE DESIGN CODE AND THE DETAIL ON THE TENDER DRAWINGS. THE DESIGN HIGHWAY LIVE LOAD SHALL BE CL625. INSTALLATION OF THE JOINTS SHALL BE UNDERTAKEN BASED ON THE MANUFACTURERS RECOMMENDATIONS, UTILIZING THE JOINT GAP TABLE PROVIDED ON THE TENDER DRAWINGS. THE CONTRACTOR SHALL SUBMIT "SHOP DRAWINGS" TO THE DEPARTMENT FOR APPROVAL PRIOR TO FABRICATION. THE SHOP DRAWINGS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER REGISTERS TO PRACTICE IN THE PROVINCE OF PRINCE EDWARD ISLAND. ALL EXPOSED STEEL SURFACES SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH CSA STANDARD G164. ALL MINOR DAMAGE TO THE GALVANIZING SHALL BE TOUCHED UP WITH INORGANIC ZINC PAINT (GALVICON OR EQUIVALENT).
- 16 THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE BRIDGE FRECTION PROCEDURE AND SHALL ENSURE THE STABILITY OF ALL COMPONENTS THROUGHOUT CONSTRUCTION.

CONCRETE NOTES:

- ALL EXPOSED CORNERS OF CONCRETE TO HAVE 25mm CHAMFERS.
- 2. LOCATION OF CONSTRUCTION JOINTS AND SEQUENCE OF CONCRETE PLACEMENT TO BE APPROVED BY THE ENGINEER.
- ALL REINFORCEMENT TO BE INSPECTED BY THE ENGINEER PRIOR TO CLOSING FORMWORK OR PLACING CONCRETE
- 4. BACKFILL IMMEDIATELY BEHIND ABUTMENTS TO BE GRANULAR 'A' MATERIAL AS PER PEITIE GENERAL PROVISIONS AND CONTRACT SPECIFICATIONS
- 5. EACH PHASE OF WORK TO BE INSPECTED BY THE ENGINEER PRIOR TO PROCEEDING TO THE NEXT PHASE OF
- 6. IF DEWATERING BEHIND COFFERDAMS/ENVIRONMENTAL CONTROLS IS NOT ACHIEVABLE, ALL CONCRETING UNDERWATER SHALL BE COMPLETED BY TREMIE METHOD (TYPICAL ABUTMENTS, PIERS AND WINGWALLS)
- 7. COVER TO GFRP REINFORCING: 50mm UNLESS OTHERWISE NOTED.
- 8. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS 45 MPa

PILE NOTES:

- PILE MATERIAL:
 - a. STEEL PIPE PILES: 508 x 13 TO CSA/CSA G40.21-350W.
 - b. STEEL PLATES AND BAR STOCK TO G40.21 LATEST EDITION, GRADE 350W.
 - c. WELDING MATERIAL TO CSA G40.1 LATEST EDITION.
- d. WELDING TO BE IN ACCORDANCE WITH CSA W59 -
- e. PILES ARE TO BE DRIVEN OPEN-ENDED AND FITTED WITH DRIVING SHOES
- 2. PILE "SET CRITFRIA":
 - (REFERENCE JOOSE ENVIRONMENTAL GEOTECHNICAL REPORT PROJECT NUMBER JEO252, DATED SEPTEMBER 28. 2017).
 - a. RATED HAMMER ENERGY OF 350 J/cm sq. OF STEEL CROSS SECTIONAL AREA
 - PILES SHALL BE DRIVEN TO REFUSAL REFUSAL SHALL BE CONSIDERED AS 10 BLOWS FOR THE LAST 25mm OF
 - c. 25% OF PILES AT EACH ABUTMENT AND PIER SHOULD BE RESTRUCK A MINIMUM OF 48 HOURS AFTER INITIAL DRIVING REFUSAL IS OBTAINED. IF RELAXATION OCCURS, ALL PILES SHOULD BE REDRIVEN TO THE REFUSAL CRITERIA AND THE CYCLE REPEATED UNTIL THE REFUSAL CRITERIA IS MAINTAINED DURING RE-STRIKE.
 - d. DRIVE SHOES SHALL BE USED TO PROTECT PILES DURING
 - REFERENCE SPECIAL PROVISIONS AND PEITIE GENERAL PROVISIONS AND CONTRACT SPECIFICATIONS FOR PDA TESTING REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE TO THE ENGINEER FULL DETAILS ON THE METHOD OF INSTALLATION AND FOUIPMENT PRIOR TO COMMENCING THE WORK
 - REQUIRED MINIMUM PILE CAPACITIES AT ULTIMATE LIMIT 508 x 13 PIPE PILES: 1482 kN COMPRESSION.

STEEL NOTES:

- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING C.S.A. STANDARDS AND A.S.T.M. STANDARDS:
 - a. WEBS, FLANGE PLATES, STIFFENERS, DIAPHRAGMS TO G40.21M - 350WT CAT 2.
 - ANGLES, HSS BRACES, AND MISC. PLATES TO G40.21M -350W OR EQUIVALENT.
 - GALVANIZED HIGH STRENGTH BOLTS ASTM F3125 GRADE A325 TYPE 1, THREADS TO BE EXCLUDED FROM ALL SHEAR PLANES (U.N.O.)
- ALL WELDING SHALL BE IN ACCORDANCE WITH C.S.A. STANDARD W59 LATEST EDITION.
- SHEAR STUD CONNECTORS SHALL BE MANUFACTURED OF C-1015, C-1017, OR C-1020 COLD DRAWN STEEL CONFORMING TO A.S.T.M. A-108-73.
- 4. FABRICATE, DELIVER TO SITE AND ERECT STEELWORK IN ACCORDANCE WITH CSA-S6-14.
- 5. COAT ALL STEEL IN ACCORDANCE WITH SPECIFICATIONS. PRIMER COAT ONLY ON ALL INSIDE SURFACES OF BOX. NO PAINT ON TOP SURFACES OF TOP FLANGES.
- 6. GRIND ALL 25mm STIFFENERS TO BEAR AT BOTTOM, THEN
- ALL FAYING SURFACES AT BOLTED CONNECTIONS SHALL BE CLASS B, OR BETTER. ALL BOLTS BROUGHT TO SLIP CRITICAL CONDITION BY TURN OF NUT METHOD.
- AFTER GIRDERS HAVE BEEN ERECTED, A VERTICAL PROFILE SHALL BE COMPLETED FOR EACH FLANGE AND SUBMITTED TO THE ENGINEER FOR REVIEW

DECK AND BARRIER NOTES:

- CONCRETE MATERIALS AND METHODS OF CONSTRUCTION TO CSA - A23.1, AND METHODS OF TEST FOR CONCRETE TO
- 2. DECK SLAB AND CURBS HIGH PERFORMANCE CONCRETE 45 MPa, AIR CONTENT 6.5%, $\pm 1.5\%$, W/C = 0.35 MAX.
- 3. REINFORCING TO BE GFRP TO CSA S806/807.
- CONCRETE COVER TO REINFORCEMENT AS NOTED ON
- 5. ALL EXPOSED CORNERS TO HAVE A 25mm CHAMFER.
- 6. CONCRETE TO BE PLACED UNIFORMLY ACROSS THE WIDTH OF DECK.

GFRP REINFORCING NOTES:

- 1. CONCRETE COVER TO GFRP BARS AS FOLLOWS:
- 1.1. TOP OF DECK 50mm
- 1.2. DECK SOFFIT 35mm
- 1.3. ALL OTHER 50mm U.N.O.
- 2. REINFORCING SHALL BE GLASS FIBER REINFORCING POLYMER (GERP) WITH A MINIMUM GUARANTEED TENSILE STRENGTH (Tu) AND A MINIMUM TENSILE MODULUS OF ELASTICITY (E) AS FOLLOWS:

STRAIGHT BARS						
SIZE	f _{FRPu} (MPa)	E (GPa)				
13M	1100	60				
15M	1100	60				
20M	1100	60				
25M	1000	60				
32M	900	60				

	BENT BARS	
SIZE	f _{FRPu} (MPa)	E (GPa)
13M	450	50
15M	450	50
20M	450	50
22M	450	50
25M	450	50

- 3. SAW CUTS NOT PERMITTED.
- 4. ALL WORK TO CONFORM TO TECHNICAL SPECIFICATIONS FOR GFRP PRODUCT.
- 5. HEADED BAR PULL OUT STRENGTH: 15M - 148kN 20M - 182kN

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017

> COLIN KAJIM No. 1741

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DATE:

JAN. 26/18

LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND



DEPT OF TRANSPORTATION, INFRASTRUCTURE, AND ENERGY NOTES: PO Box 2000 902 368 5100

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http://www.gov.pe.ca/

Charlottetown

Prince Edward Island

Canada C1A 7N8

SHALL BE CONDUCTED IN ACCORDANCE WITH TIE'S SPECIFICATIONS AND ENVIRONMENTAL PROTECTION ALL WORK S STANDARD S PLAN (EPP) MAINTAIN ENVIRONMENTAL CONTROLS UNTIL VEGETA ESTABLISHED OR AS INSTRUCTED ON SITE ALL DRIVEWAY CULVERTS AND SIDE SLOPES SHALL BF MIN. 3H:1V

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PROJECT No.:	172623.00	FILE No.	
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SURVEY BY:	T.I.E.	SCALE:	AS 1

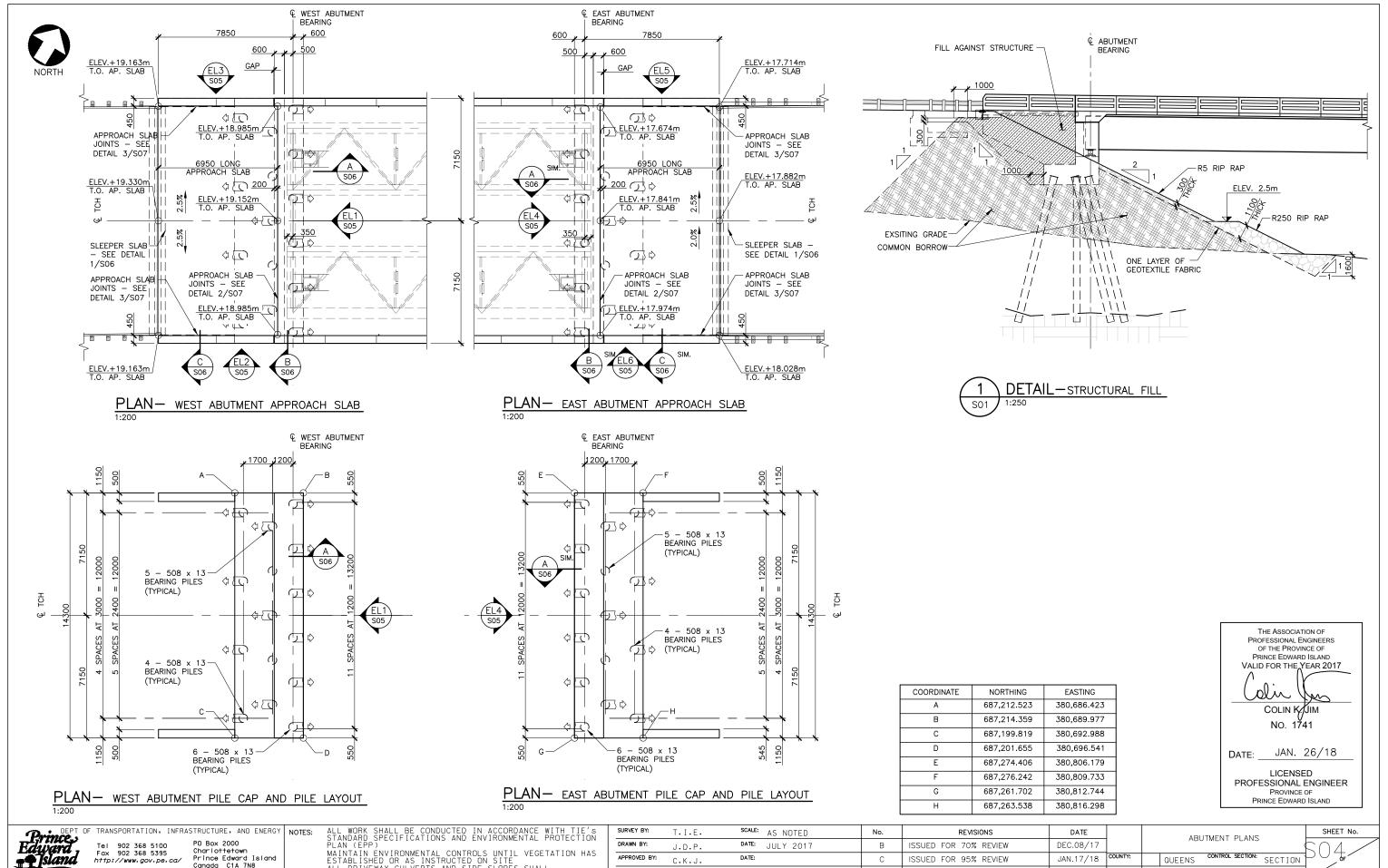
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REVISIONS DATE ISSUED FOR 70% REVIEW SSUED FOR 95% REVIEW ISSUED FOR TENDER

NOTES DEC.08/17 CONTROL SECTION: SECTION JAN 17/18 QUEENS JAN.26/18 STATIONIN

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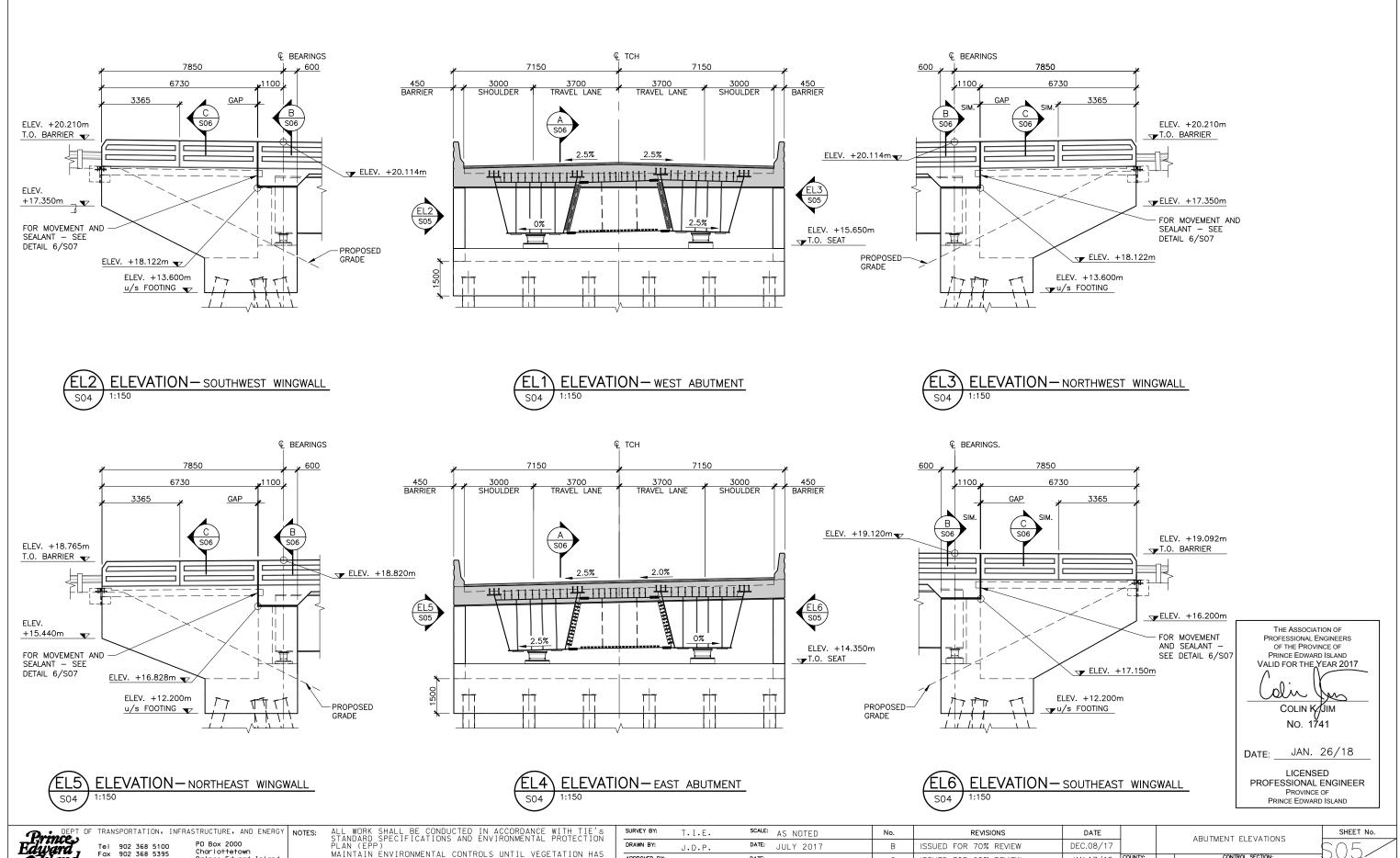


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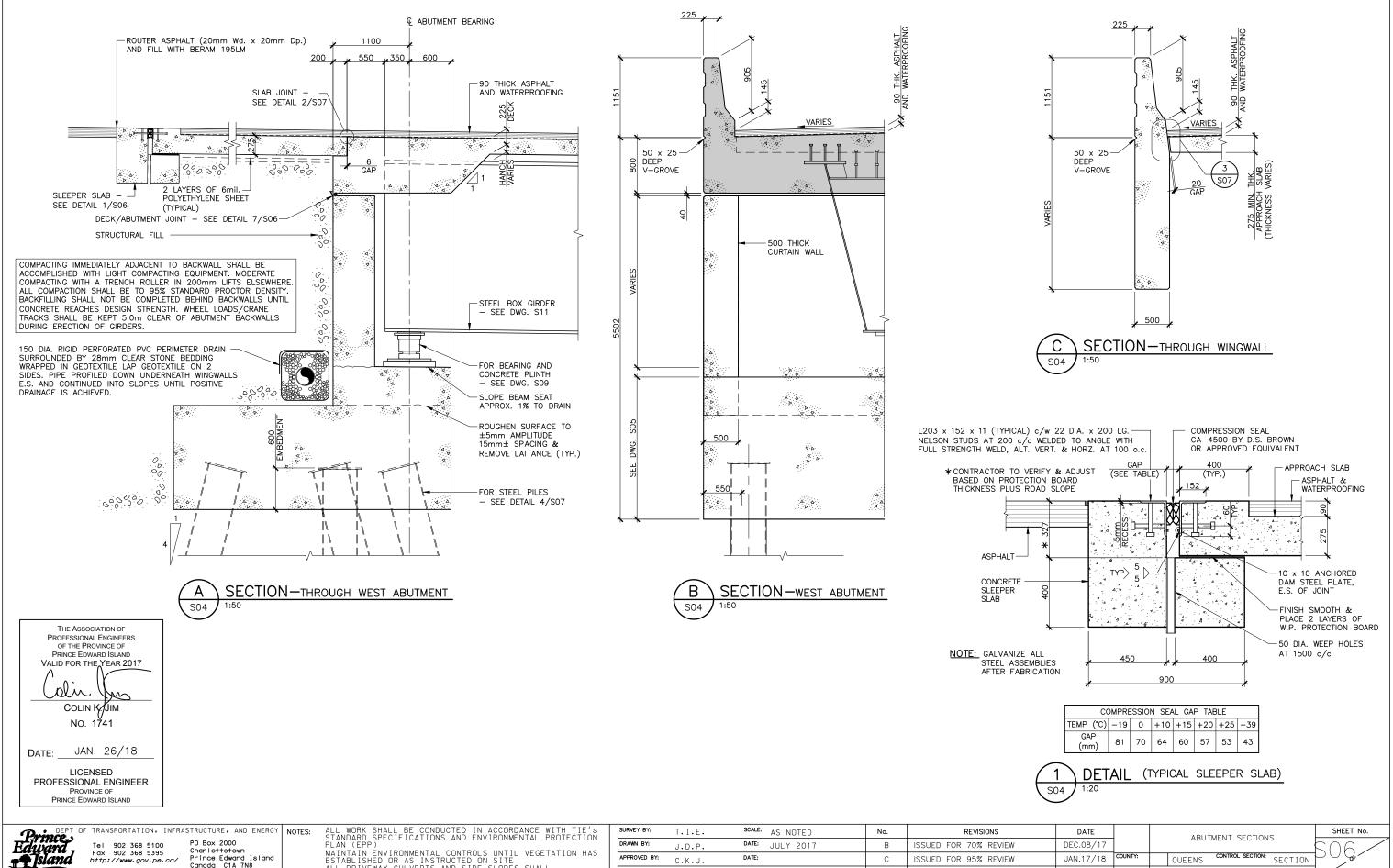
Fax 902 368 5395 http://www.gov.pe.ca/

PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

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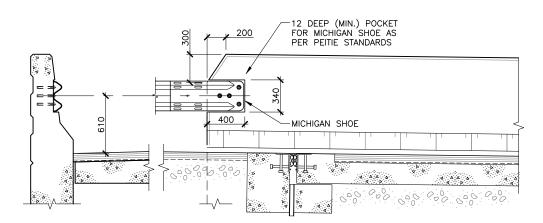


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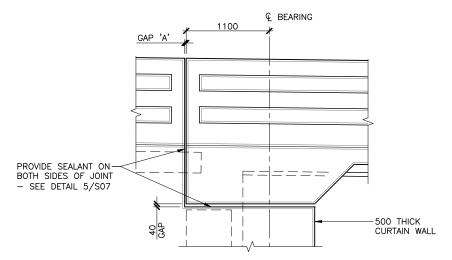
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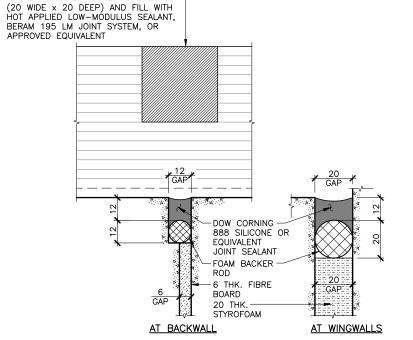


TYPICAL TRAFFIC GUARDRAIL DETAIL - CONNECTION TO TRANSITION BLOCK 1:40 S01



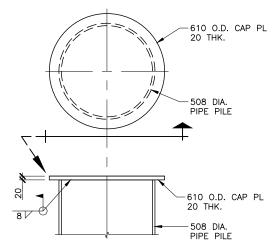
ABUTMENT JOINT GAP TABLE								
			Т	EMP '	С			
GAP	LOCATION	-25	-15	-5	+5	+15	+25	+35
'A'	ABUTMENT JOINT	68	61	54	47	40	33	26

DETAIL - BARRIER EXPANSION JOINT

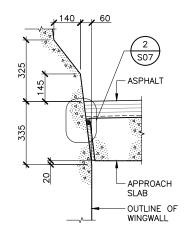


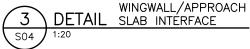
ROUTER ASPHALT ABOVE FIBRE BOARD

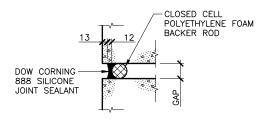




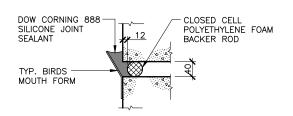








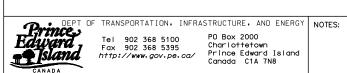






THE ASSOCIATION OF PROFESSIONAL ENGINEERS
OF THE PROVINCE OF
PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017 slin COLIN KAIM No. 1741 JAN. 26/18 DATE:

LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND



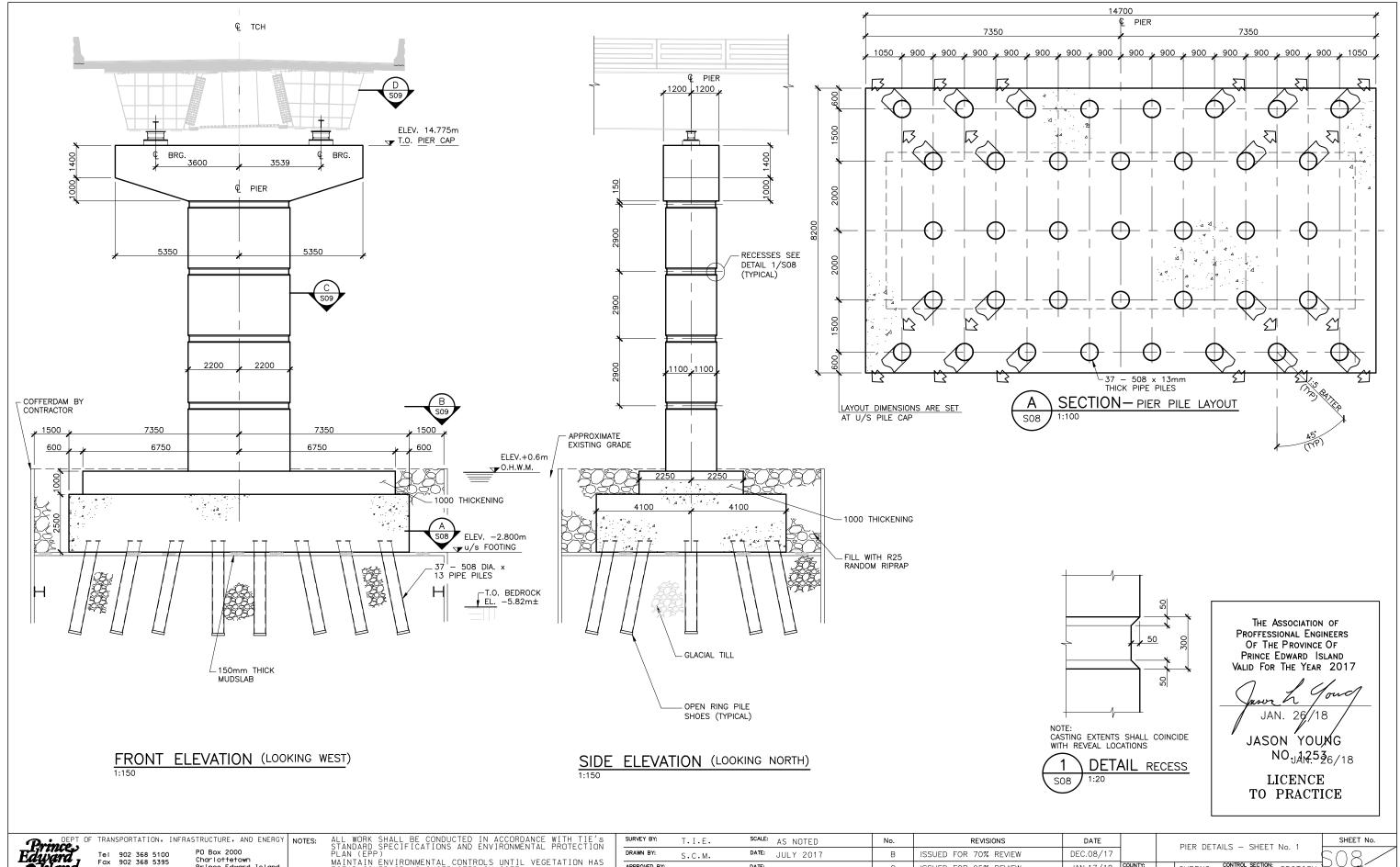
Tel 902 368 5100 Fax 902 368 5395 http://www.gov.pe.ca/

PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

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	DRAWN BY:	J.D.P.	
N HAS	APPROVED BY:	C.K.J.	
	PROJECT No.:	172623.00	

SURVEY BY:	T.I.E.	SCALE: AS NOTED	No.	REVISIONS	DATE		ABUTMENT DETAILS	
DRAWN BY:	J.D.P.	DATE: JULY 2017	В	ISSUED FOR 70% REVIEW	DEC.08/17		ABOTMENT DETAILS	
APPROVED BY:	C.K.J.	DATE:	С	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION: SECTION	μ
PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING:		



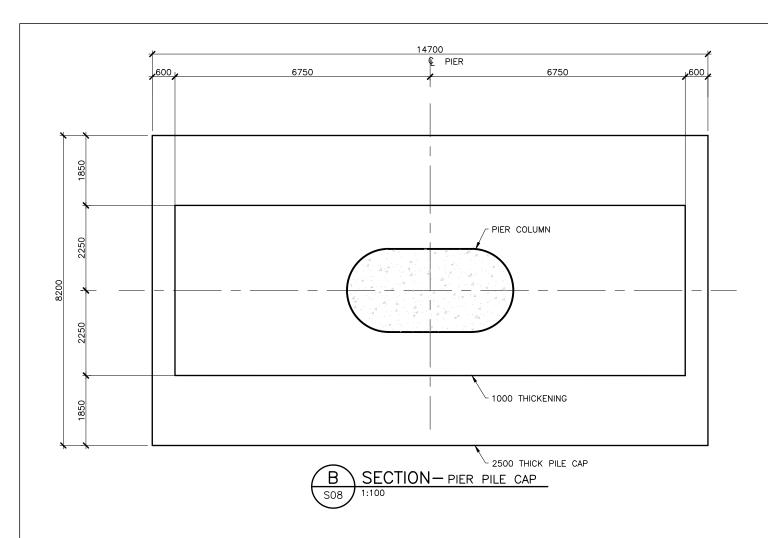


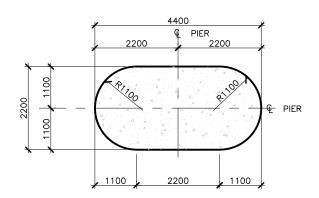
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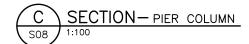
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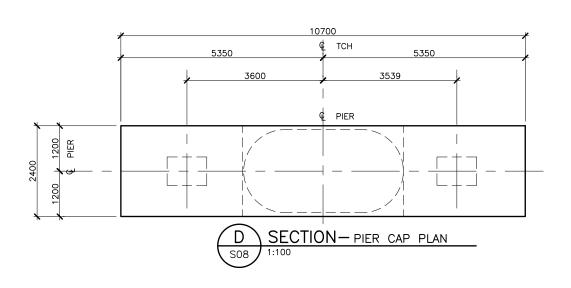
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THE ASSOCIATION OF PROFFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017

JAN. 26/18

JASON YOUNG NO. 1253

LICENCE TO PRACTICE

DEPT OF TRANSPORTATION, INFRASTRUCTURE, AND ENERGY NOTES:

Tel 902 368 5100 PO Box 2000
Fax 902 368 5345 Charlottes

Tel 902 368 5100 Fax 902 368 5395 http://www.gov.pe.ca/

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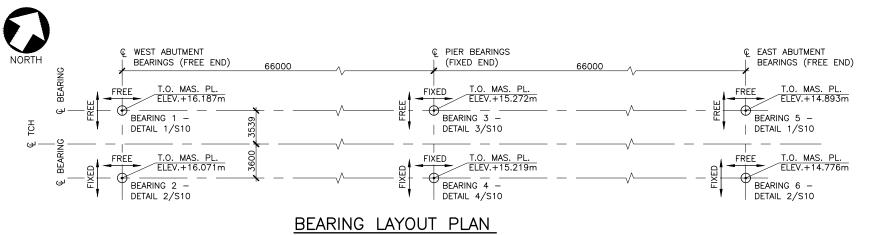
ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH TIE'S STANDARD SPECIFICATIONS AND ENVIRONMENTAL PROTECTION PLAN (EPP)

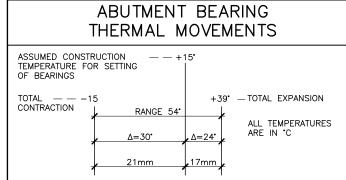
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NOTES:

- BEARING DETAILS AND DIMENSIONS SHOWN ARE BASED ON GOODCO Z—TECH POT BEARINGS. ALTERNATE SYSTEMS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
- 2. FOR ACCEPTABLE BEARING SYSTEMS SEE SPECIFICATIONS.
- 3. BEARINGS TO BE REMOVABLE FOR REPLACEMENT.
- 4. THE BEARING MANUFACTURER MUST COORDINATE ALL DIMENSIONAL CHANGES WITH THE GENERAL
- 5. LOCKNUTS REQUIRED ON ALL BEARING ASSEMBLIES.
- BEARING MANUFACTURER TO PROVIDE BEARING ASSEMBLY COMPLETE WITH ANCHORAGE TO SUPERSTRUCTURE.
- BEARING ASSEMBLY SOLE PLATES TO ACCOMMODATE TRANSVERSE DECK SLOPES AND LONGITUDINAL ROAD SLOPES, DEAD LOAD ROTATION AND RESIDUAL CAMBER SUCH THAT BEARING IS LEVEL UNDER PERMANENT DEAD LOAD CONDITIONS.
- 8. GALVANIZE ALL STEEL.
- THERMAL ZINC-SPRAY/ZINC-METALIZE GALVANIZED SURFACES DAMAGED BY FIELD WELDS.
- 10. CONTROL HEAT FOR FIELD WELDS SO AS NOT TO DAMAGE BEARING, BEARING DAMAGED BY WELDS SHALL BE REPLACED AT NO ADDITIONAL COST TO
- 11. REMOVE ALL TEMPORARY/SHIPPING HARDWARE FOLLOWING BEARING INSTALLATION.

LEGEND:

SW - SOUTH WEST SE - SOUTH EAST NW - NORTH WEST NE – NORTH EAST PN – PIER NORTH PS - PIER SOUTH

	SCHEDULE OF POT BEARINGS															
	SERVICEABILITY LIMIT STATE (SLS)															
LOCATION NUMBER	LOCATION	REFERENCE BEARING SIZE	DEAD LOAD (kN)			TOTAL LOAD MAX. (kN)			LONGITUDINAL BRAKING LOAD (kN)	TRANSVERSE WIND LOAD ON LIVE (kN)	WIND LOAD	LONGITUDINAL TRANSLATIONS (mm)		LIVE LOAD ROTATION (rad)	INSTALLATION TOLERANCE (rad)	ADDITIONAL LONGITUDINAL ROTATIONAL REQUIREMENTS (rad)
BEARING 1 (FREE)	NW	PM3000	2013	948	-160	2961	1853	-	-	-	-	SEE TABLE	SEE TABLE	0.0026	±0.0035	±0.0174
BEARING 2 (UNI-LONGITUDINAL)	SW	PMCG3000	2013	948	-160	2961	1853	419	_	129	419	SEE TABLE	NONE	0.0026	±0.0035	±0.0174
BEARING 3 (UNI-TRANSVERSE)	PN	PMG10000	7582	1801	-196	9383	7386	-	155	-	-	NONE	SEE TABLE	0.0015	±0.0035	±0.0174
BEARING 4 (FIXED)	PS	PF10000	7582	1801	-196	9383	7386	581	155	174	581	NONE	NONE	0.0015	±0.0035	±0.0174
BEARING 5 (FREE)	NE	PM3000	2013	948	-160	2961	1853	_	_	_	_	SEE TABLE	SEE TABLE	0.0026	±0.0035	±0.0174
BEARING 6 (UNI-LONGITUDINAL)	SE	PMCG3000	2013	948	-160	2961	1853	419	_	129	419	SEE TABLE	NONE	0.0026	±0.0035	±0.0174

ULTIMATE LIMIT STATE (ULS)															
					VERTICA	L LOADS				H	HORIZONTAL LC	ADS		DISPLACEMENTS	
LOCATION NUMBER	LOCATION	REFERENCE BEARING SIZE	DEAD LOAD MAX. (kN)	LIVE LOAD MAX. ULS 1 (kN)	TOTAL LOAD MAX. ULS 1 (kN)	DEAD LOAD MIN. (kN)	WIND LOAD MIN. (kN)	TOTAL LOAD MIN. ULS 4 (kN)	LONGITUDINAL SEISMIC LOAD ULS 5 (kN)		BRAKING LOAD	LONGITUDINAL	TRANSVERSE WIND LOAD ULS 4 (kN)	TRANSLATIONS (mm)	LIVE LOAD ROTATION ULS 1 (rad)
BEARING 1 (FREE)	NW	РМ3000	2476	1791	4267	1748	-723.8	1024	_	_	-	-	-	±25	±0.0049
BEARING 2 (UNI-LONGITUDINAL)	SW	РМСG3000	2476	1791	4267	1748	-723.8	1024	-	403	-	-	586.6	±25	±0.0049
BEARING 3 (UNI-TRANSVERSE)	PN	PMG10000	9283	3401	12684	6611	-2205	4406	1161	_	263.5	263.5	-	NONE	±0.0027
BEARING 4 (FIXED)	PS	PF10000	9283	3401	12684	6611	-2205	4406	1161	1516	263.5	263.5	813.4	NONE	±0.0027
BEARING 5 (FREE)	NE	РМ3000	2476	1791	4267	1748	-723.8	1024	_	_	-	-	-	±25	±0.0049
BEARING 6 (UNI-LONGITUDINAL)	SE	PMCG3000	2476	1791	4267	1748	-723.8	1024	_	403	-	_	586.6	±25	±0.0049

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017 vila

> COLIN KAJIM No. 1741

JAN. 26/18 DATE:

BEARING DETAILS - SHEET No. 1

QUEENS

LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND



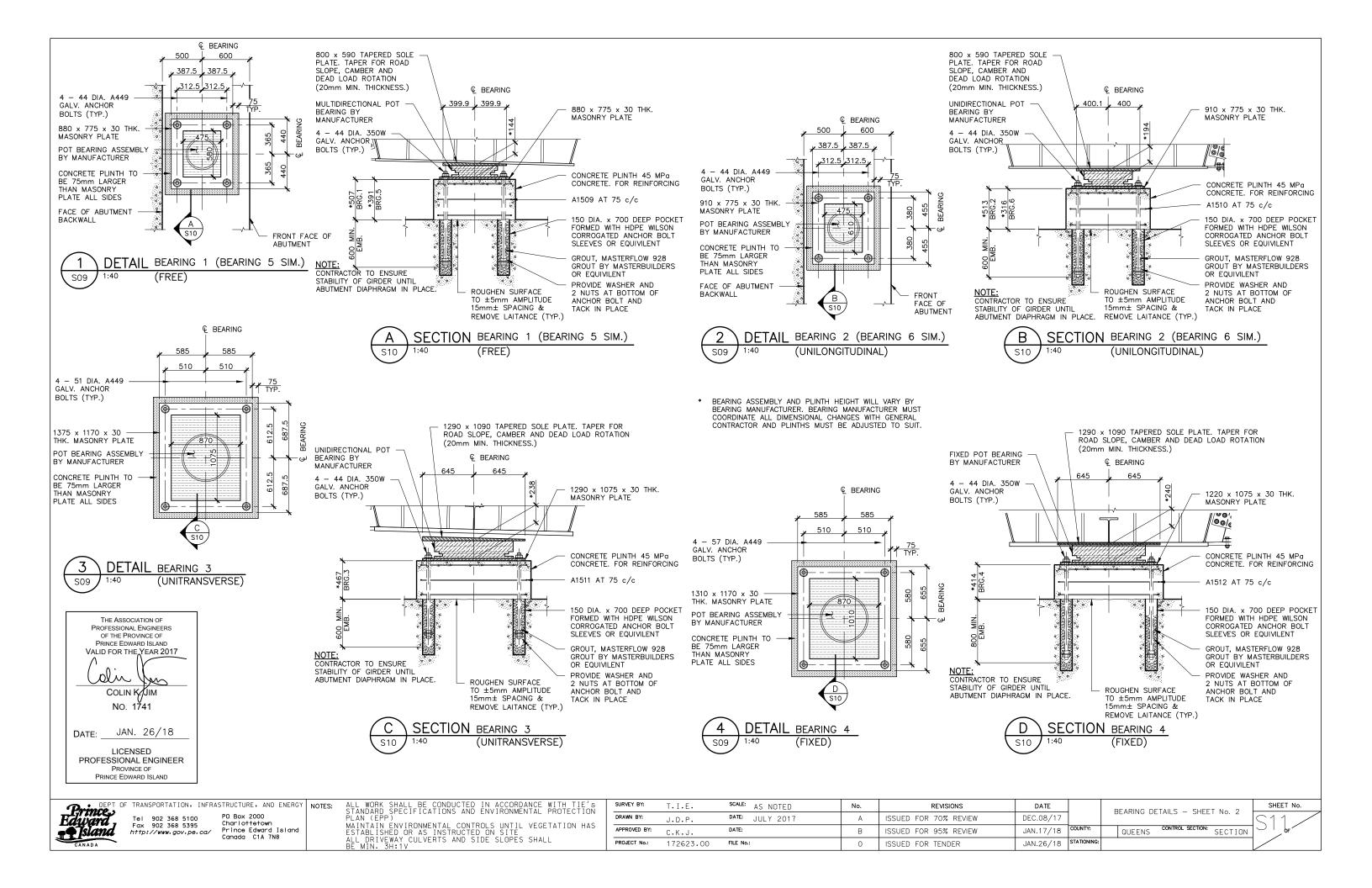
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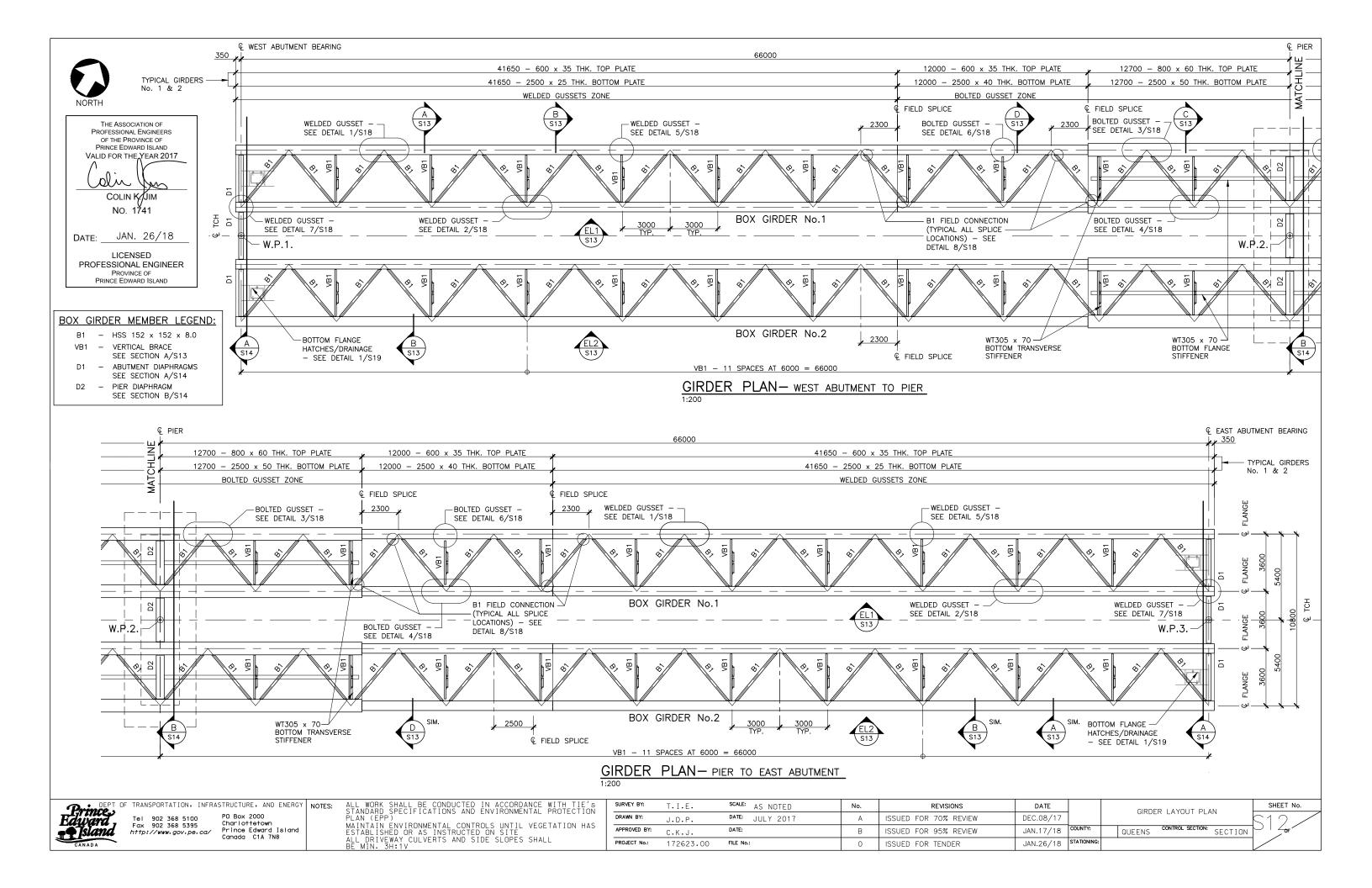
Tel 902 368 5100 Fax 902 368 5395 http://www.gov.pe.ca/

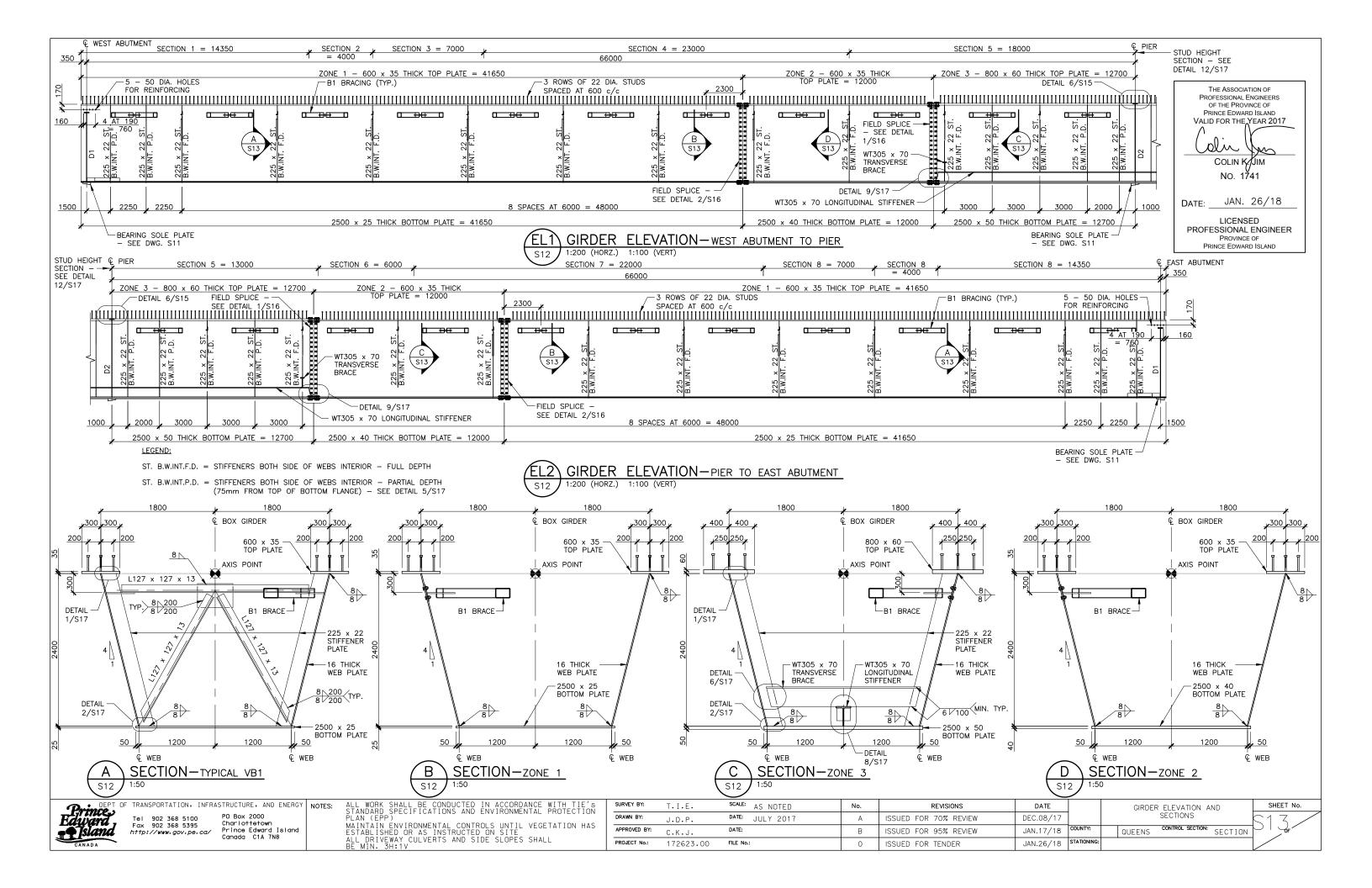
PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

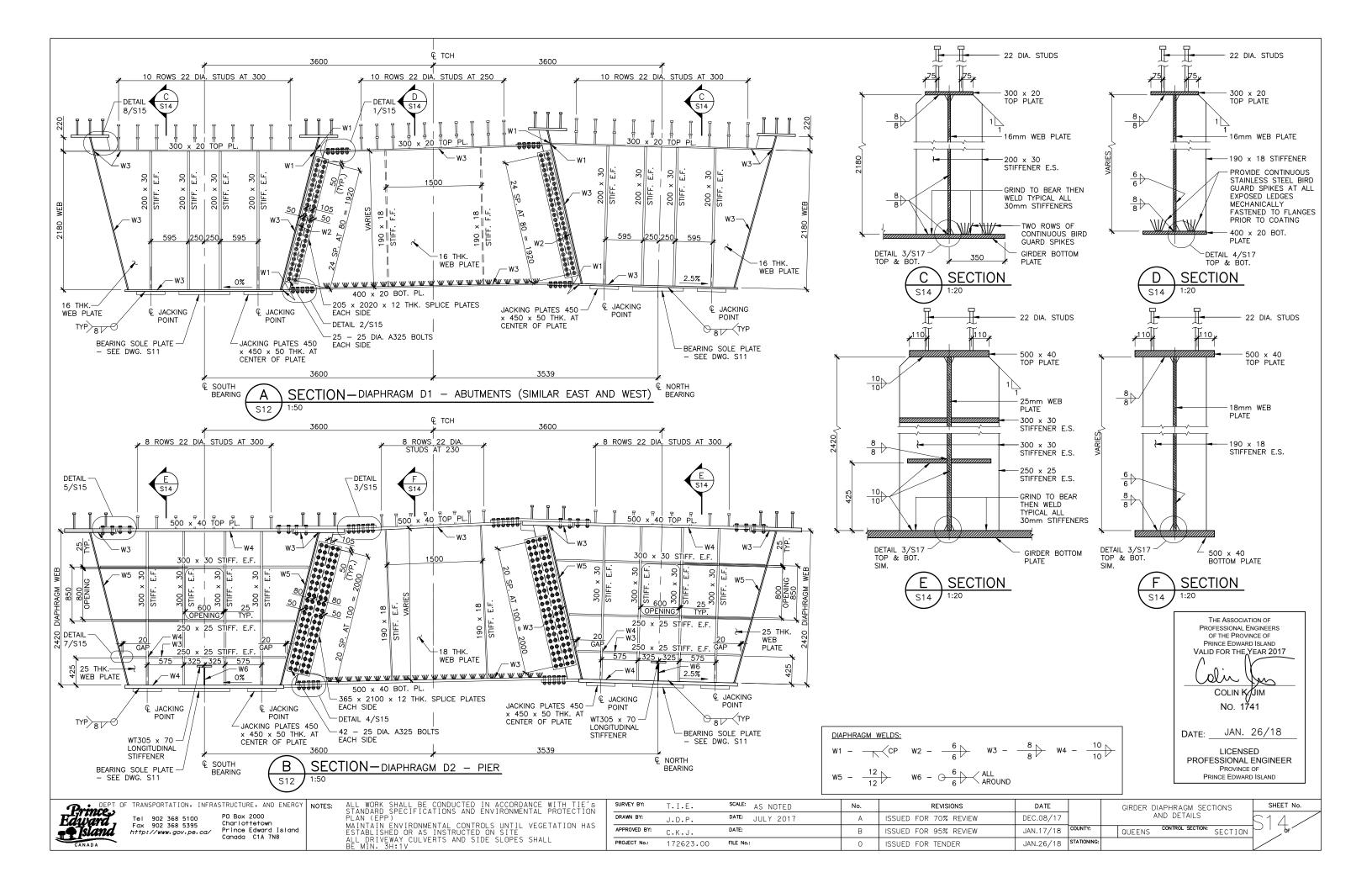
SURVEY BY:	T.I.E.	scale: AS NOTED	No.	REVISIONS	DATE	
DRAWN BY:	J.D.P.	DATE: JULY 2017	А	ISSUED FOR 70% REVIEW	DEC.08/17	
APPROVED BY:	· C.K.J.	DATE:	В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:
PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING

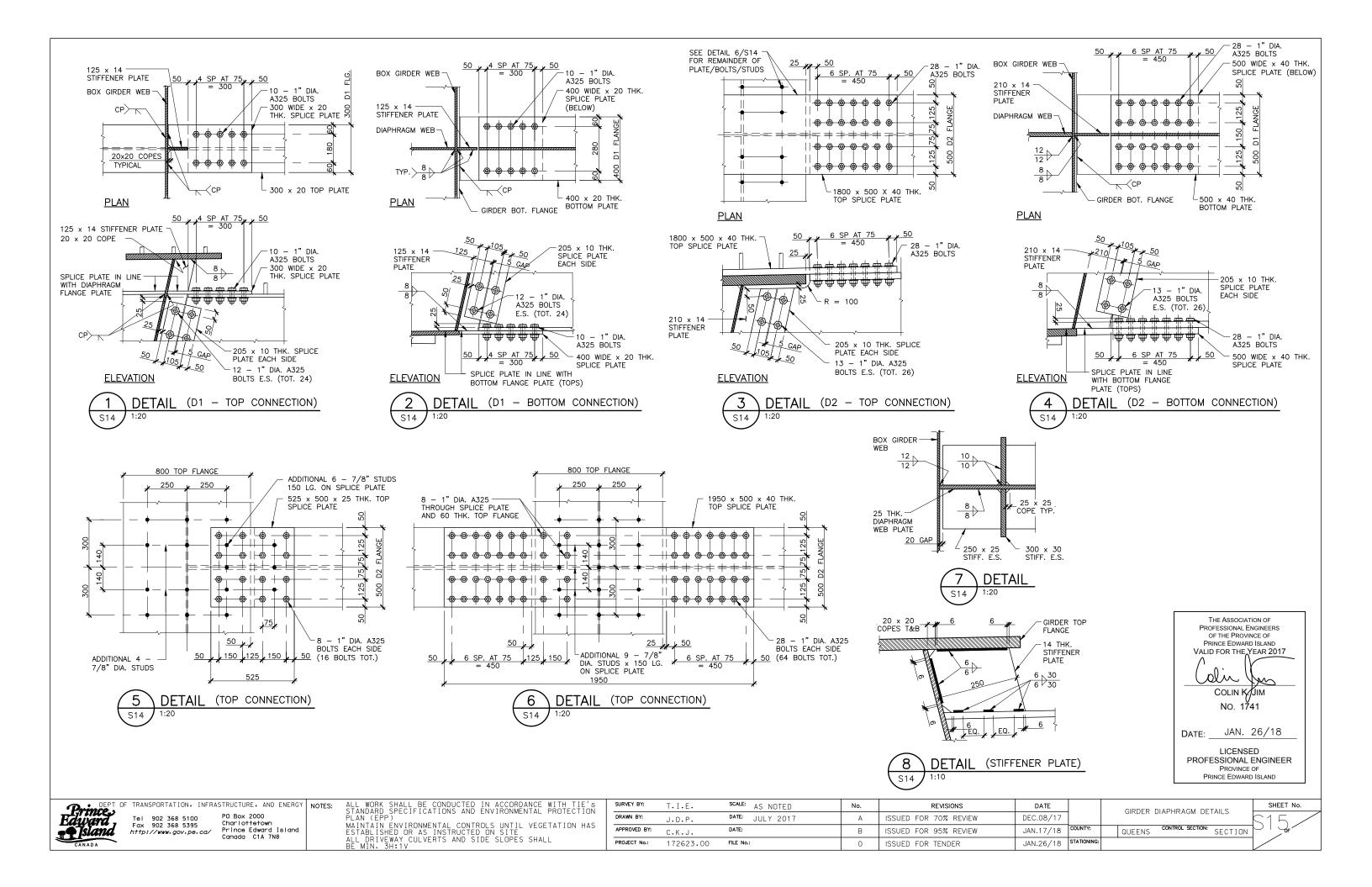


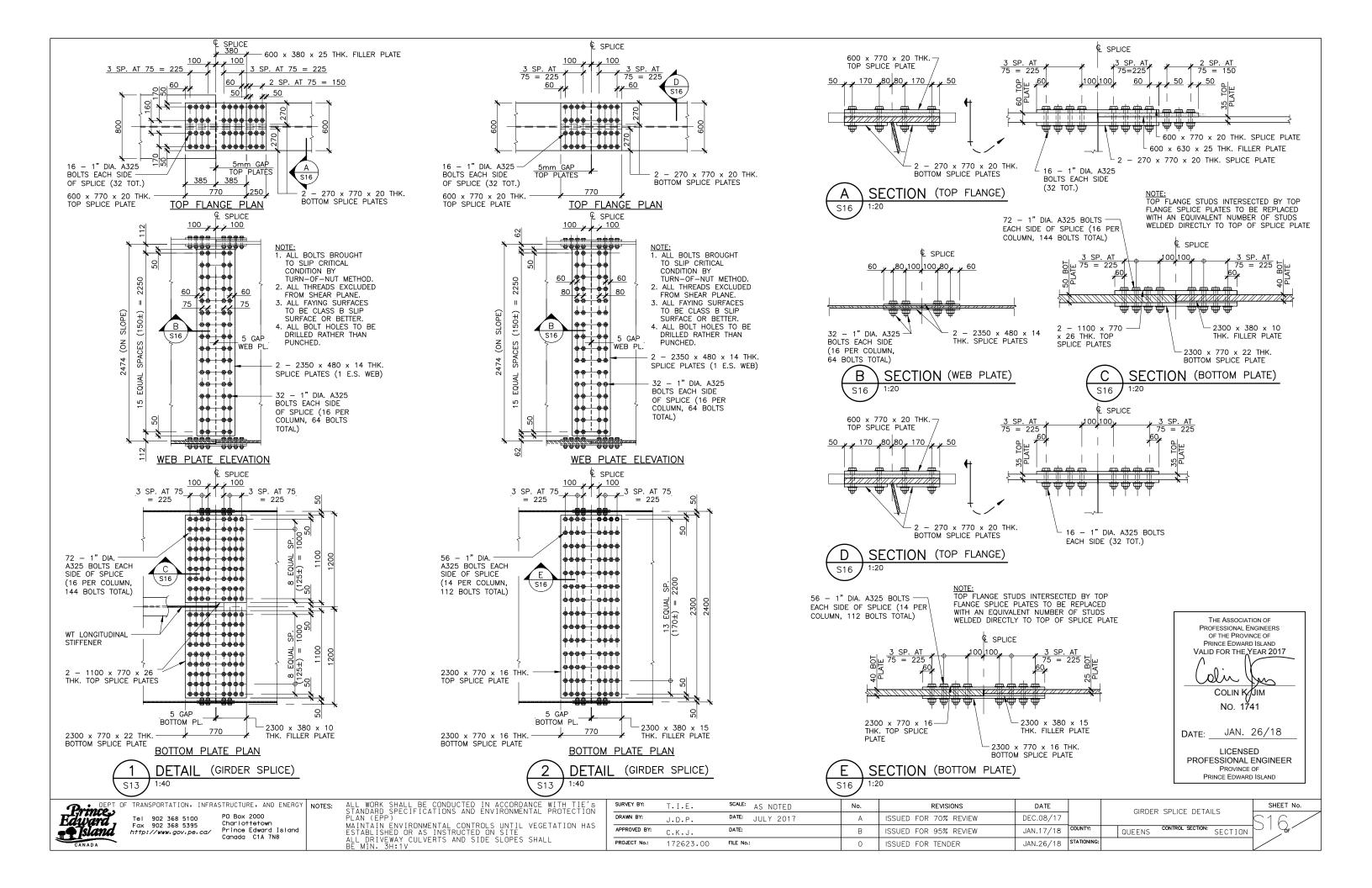


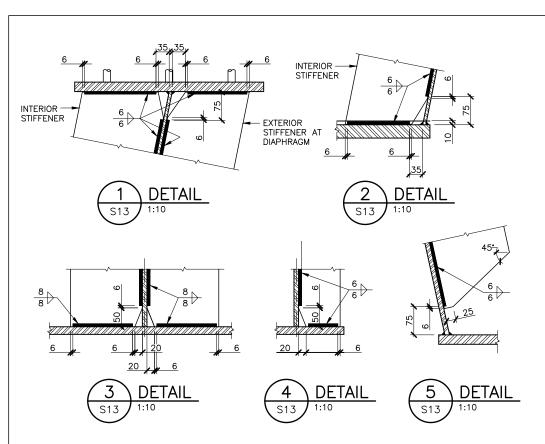


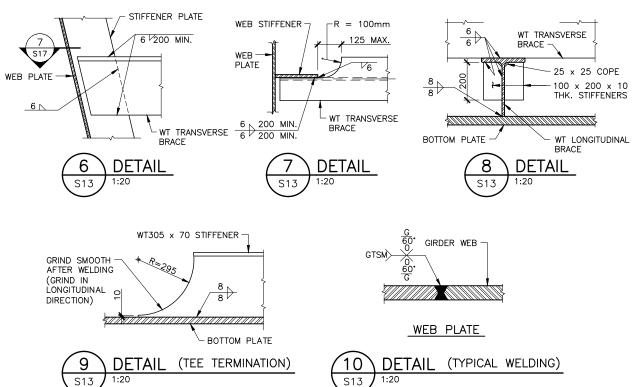


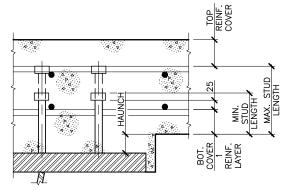












DETAIL (TYPICAL STUD LENGTHS)

				STUD	HEIGH	HTS (n	nm)				
OIDDED	EL ANIOE					SEC	CTION				
GIRDER	FLANGE	1	2	3	4	5	6	7	8	9	10
_	1	152	178	203	229	229	229	229	203	178	152
'	2	152	178	203	229	229	229	229	203	178	152
2	1	250	305	305	356	305	356	356	356	356	305
	2	152	178	203	229	229	305	356	356	356	356

NOTE: STUD HEIGHTS CALCULATED BASED ON THEORETICAL DEFLECTIONS AND CAMBERS. CONTRACTOR TO PERFORM INDEPENDENT DETERMINATION OF STUD HEIGHTS BASED ON ACTUAL SELF WEIGHT GIRDER DEFLECTIONS. STUD HEIGHT TOLERANCES ARE PRESENTED IN DETAIL 11/S17.

DETAIL STUD HEIGHTS

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017 <u>sliv</u> COLIN K. JIM

JAN. 26/18 DATE:

No. 1741

LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND

DEPT OF TRANSPORTATION, INFRASTRUCTURE, AND ENERGY NOTES:

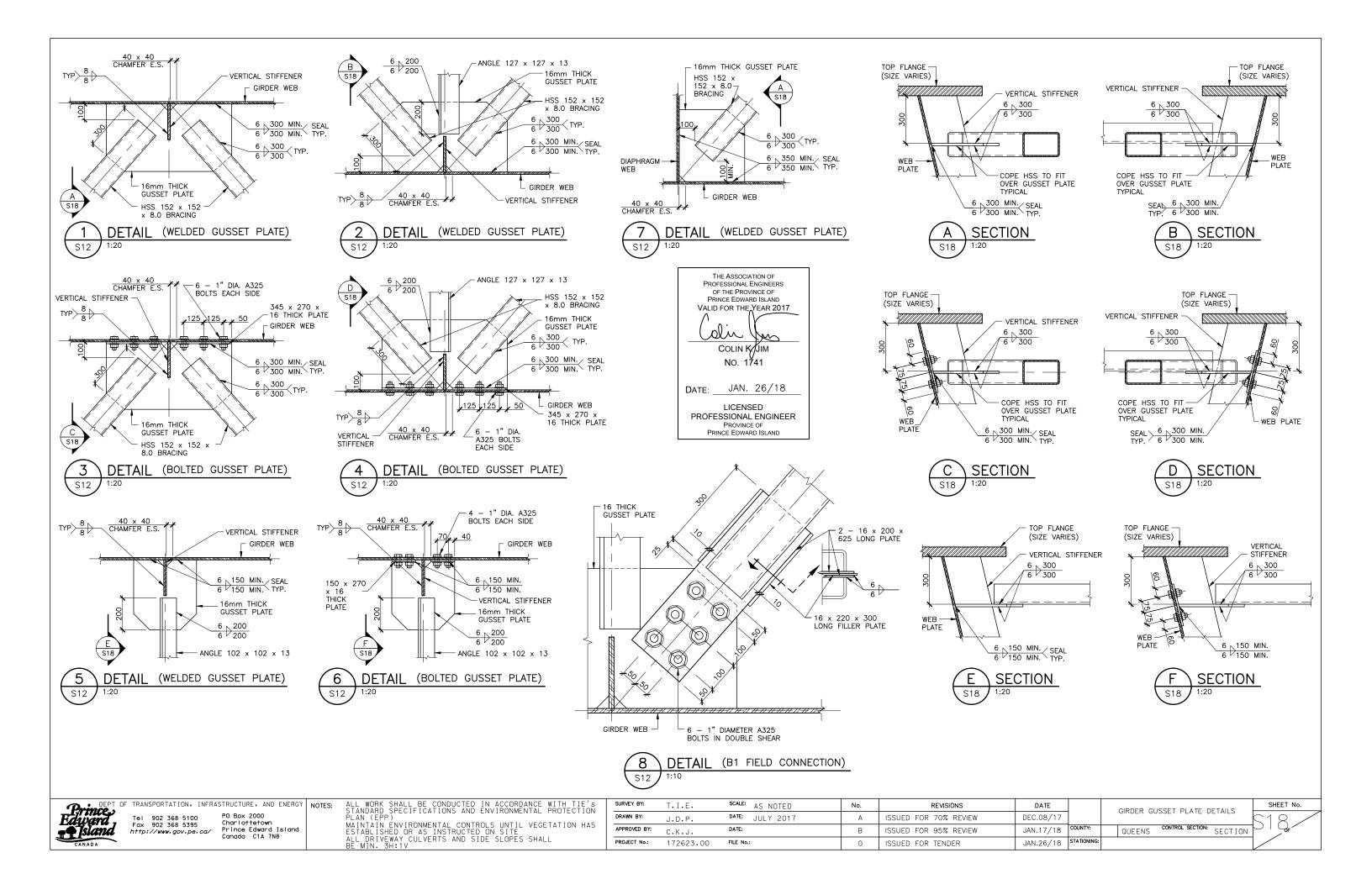
Tel 902 368 5100 PO Box 2000
Fax 902 368 5395 Charlottetown

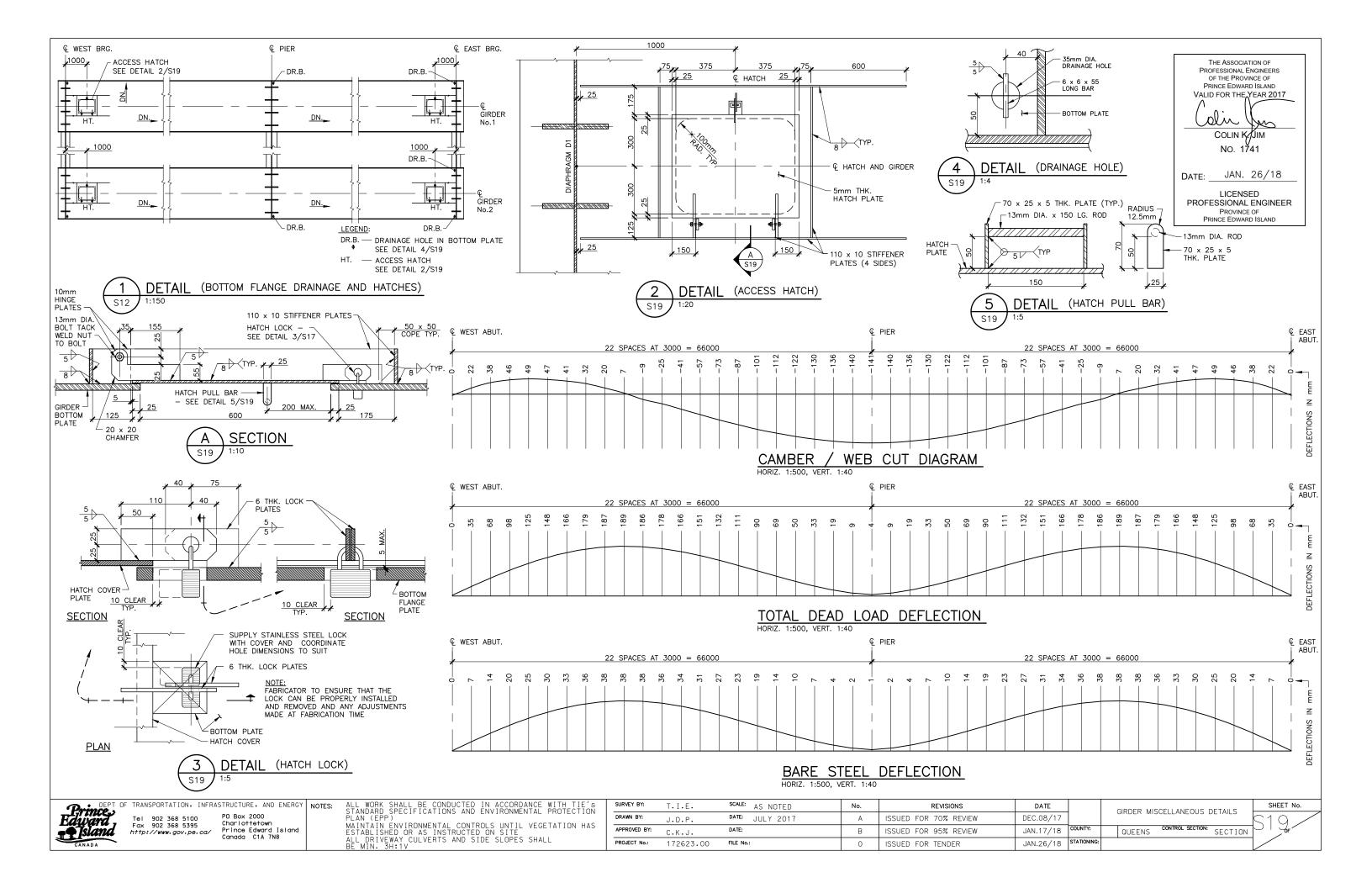
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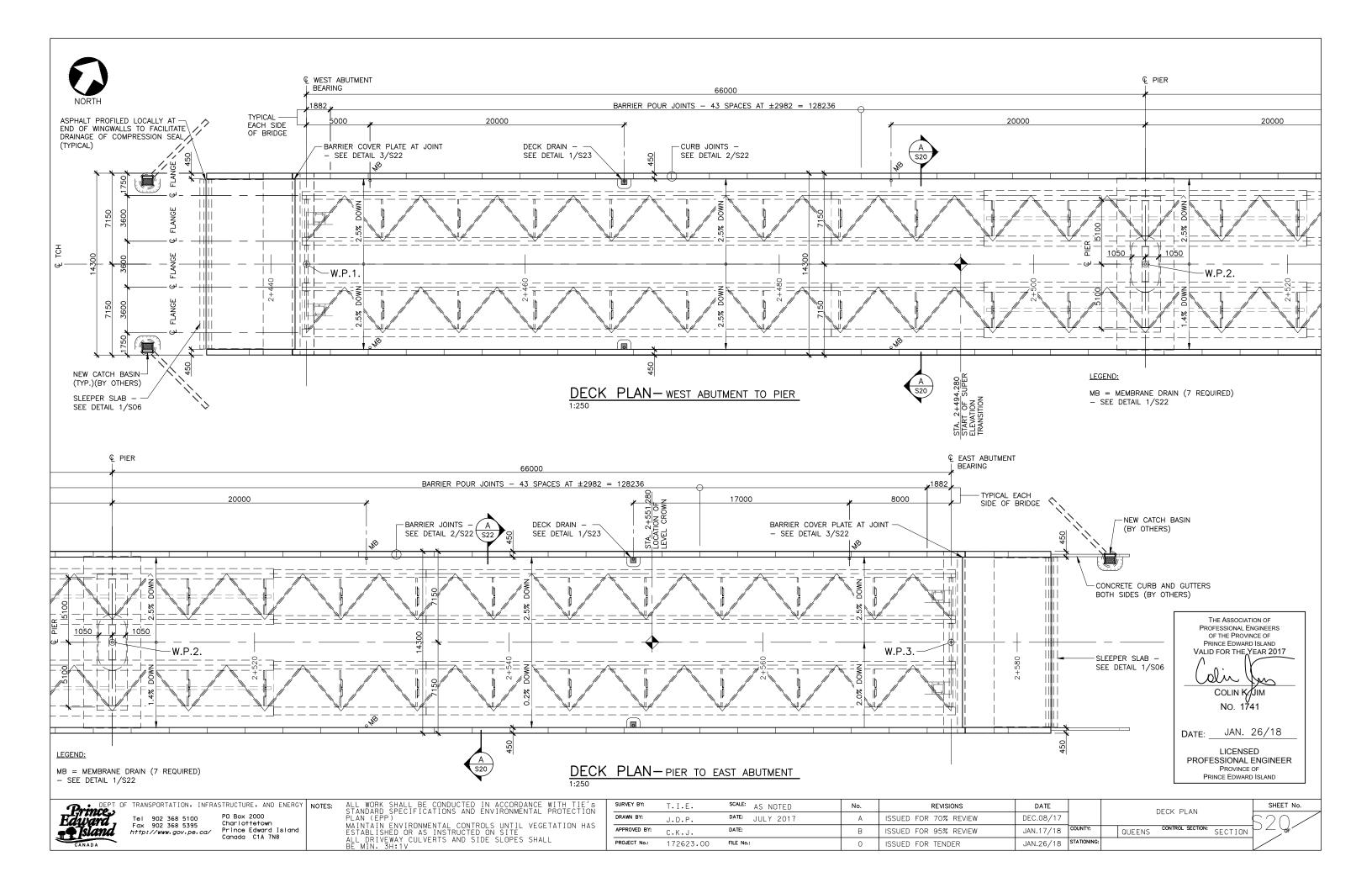
PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

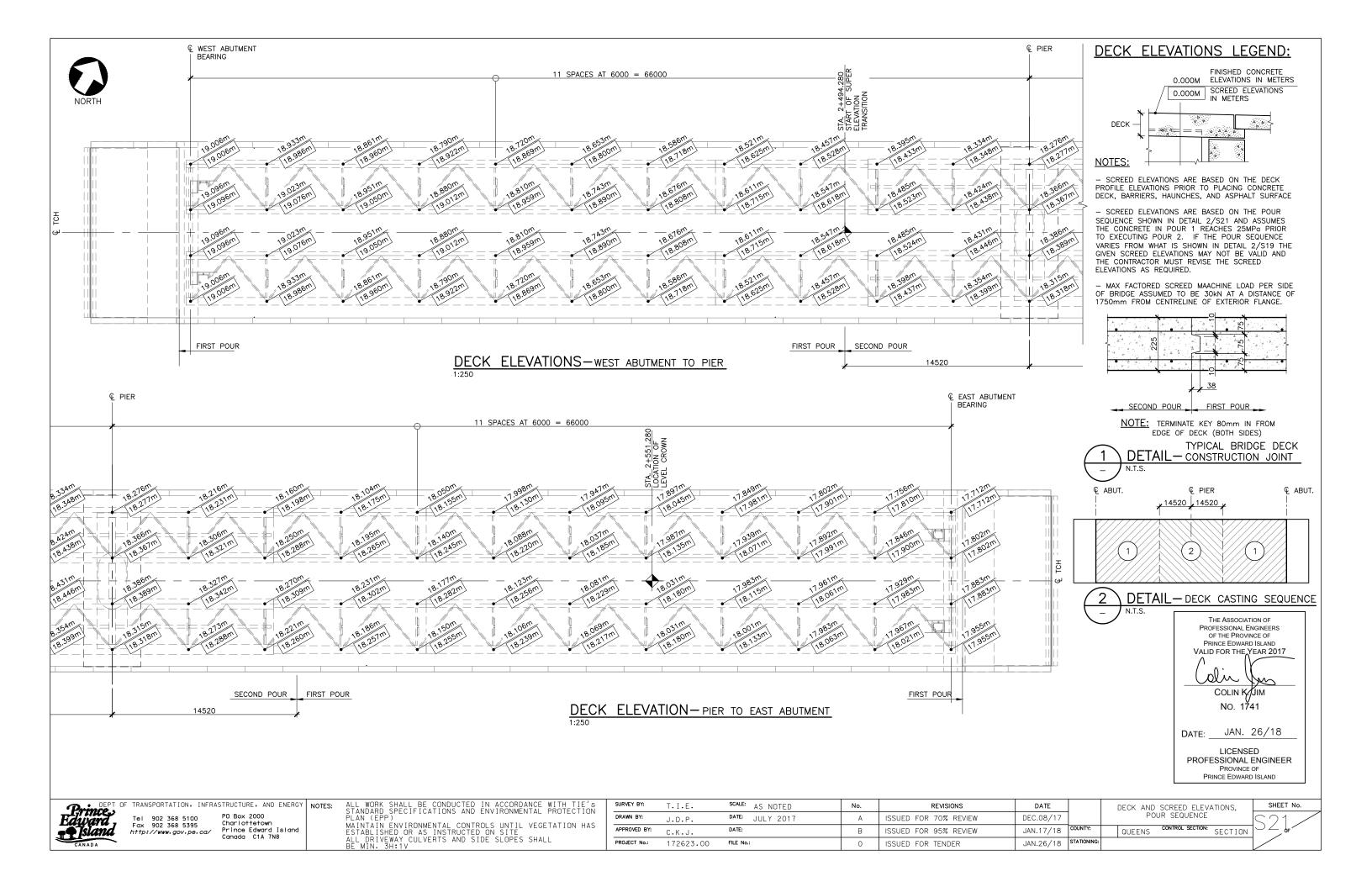
SURVEY BY:	T.I.E.	SCALE: AS NOTED	No.	REVISIONS	DATE		GIRDER DETAILS	
DRAWN BY:	J.D.P.	DATE: JULY 2017	А	ISSUED FOR 70% REVIEW	DEC.08/17		GINDER DETAILS	C .
APPROVED BY:	C.K.J.	DATE:	В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION: SECTION	\supseteq
PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING:		

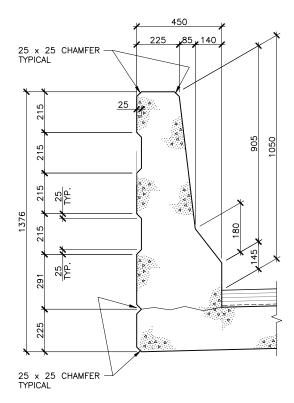


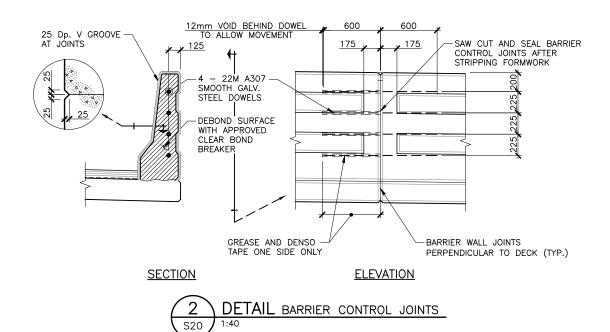


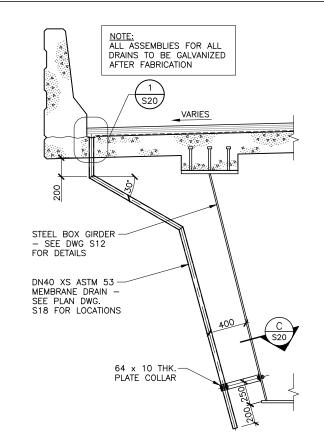




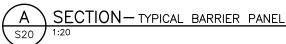


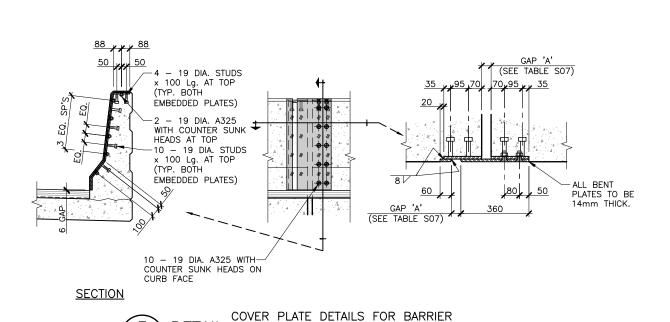






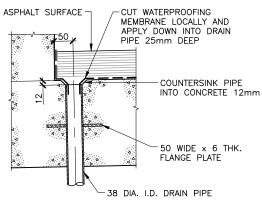
B SECTION MEMBRANE DRAIN
1:40





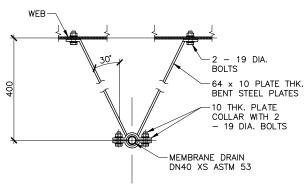
DETAIL AT EAST AND WEST EXPANSION JOINTS

50 WIDE × 6 THK.
FLANGE PLATE



DETAIL MEMBRANE DRAIN

1:10



NOTE:

ALL STEEL TO BE GALVANIZED FOLLOWING FABRICATION. PROVIDE 3mm NEOPRENE GASKETS/WASHERS BETWEEN ALL GALVANIZED HARDWARE AND GIRDER STEEL

C SECTION MEMBRANE DRAIN PLATE COLLAR

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017

COLIN K JIM

NO. 1741

DATE: JAN. 26/18

LICENSED
PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER
PROVINCE OF
PRINCE EDWARD ISLAND



DEPT OF TRANSPORTATION, INFRASTRUCTURE, AND ENERGY NOTES:

Tel 902 368 5100 Fax 902 368 5395 http://www.gov.pe.ca/

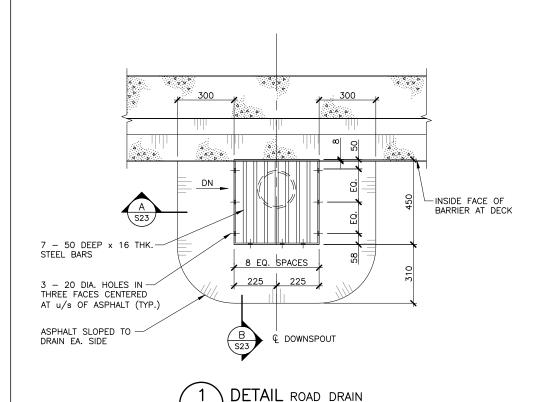
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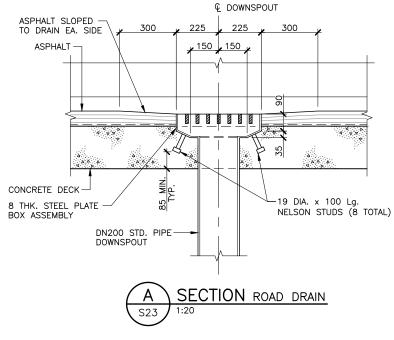
PO Box 2000
Charlottetown
Cal Prince Edward Island
Canada C1A 7N8

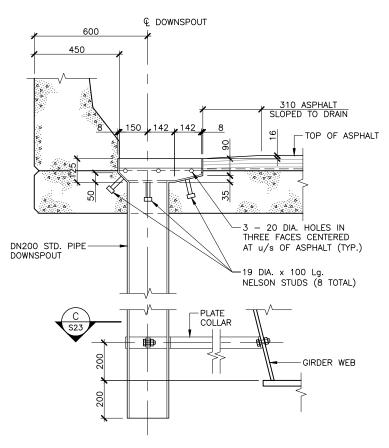
ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH TIE'S STANDARD SPECIFICATIONS AND ENVIRONMENTAL PROTECTION PLAN (EPP) MAINTAIN ENVIRONMENTAL CONTROLS UNTIL VEGETATION HAS ESTABLISHED OR AS INSTRUCTED ON SITE ALL DRIVEWAY CULVERTS AND SIDE SLOPES SHALL BE MIN. 3H:1V

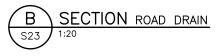
SURVEY BY:	T.I.E.	scale: AS NOTED	No.	REVISIONS	DATE		DECK DETAILS — SHEET No. 1
DRAWN BY:	J.D.P.	DATE: JULY 2017	А	ISSUED FOR 50% REVIEW	NOV.21/17		DECK DETAILS - SHEET NO. 1
APPROVED BY:	C.K.J.	DATE:	В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION: SECTION
PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING:	

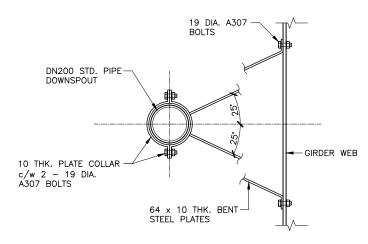
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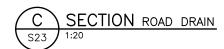








ALL STEEL TO BE GALVANIZED FOLLOWING FABRICATION. PROVIDE 3mm NEOPRENE GASKETS/WASHERS BETWEEN ALL GALVANIZED HARDWARE AND GIRDER STEEL



THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017 (blin

> COLIN K/JIM No. 1741

JAN. 26/18 DATE:

LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND

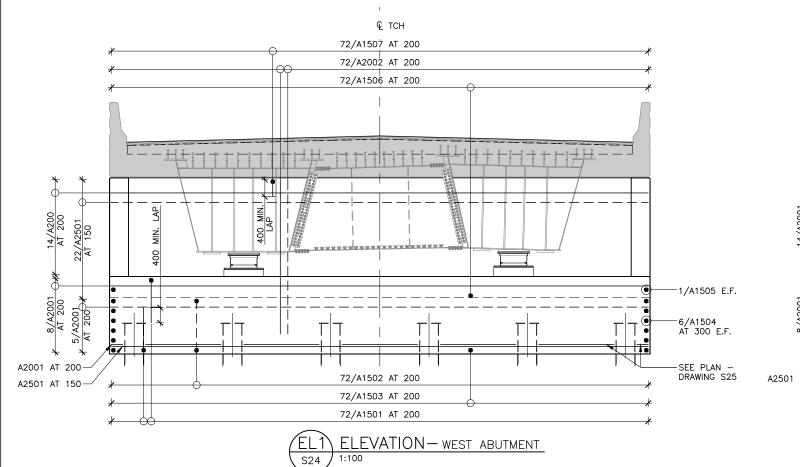


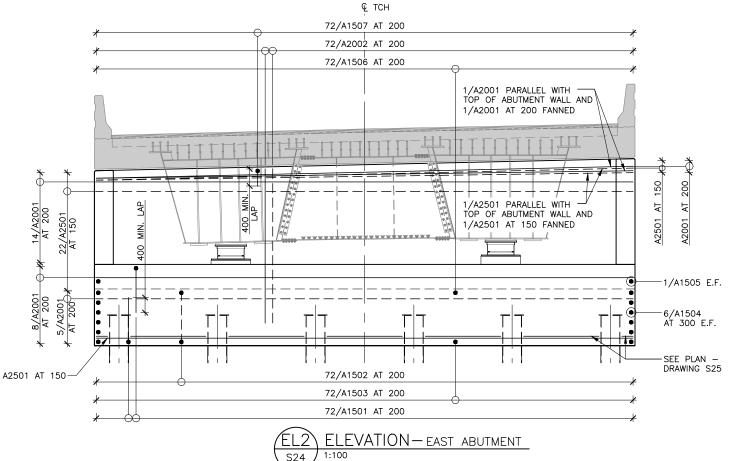
Tel 902 368 5100 Fax 902 368 5395 http://www.gov.pe.ca/

PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

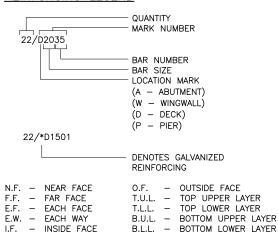
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DRAWN BY:	J.D.P.	DATE: JULY 2017	А	ISSUED FOR 70% REVIEW	DEC.08/17		DECK DETAILS - SHEET NO. 2
APPROVED BY:	C.K.J.	DATE:	В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION: SECTIO
PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING:	







REINFORCING LEGEND



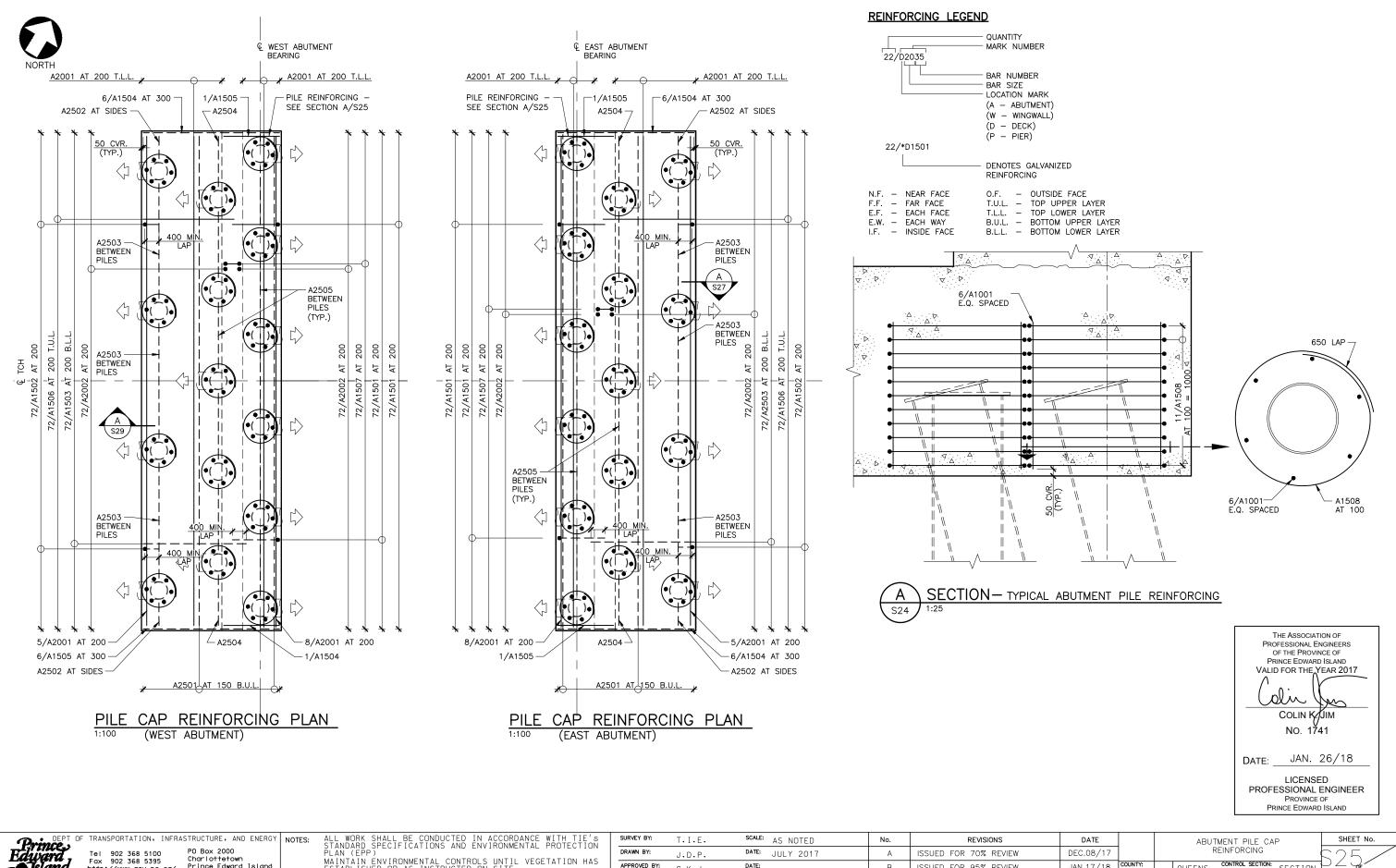
THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017 vila COLIN K. JIM No. 1741 JAN. 26/18 DATE:

LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND

SHEET No.



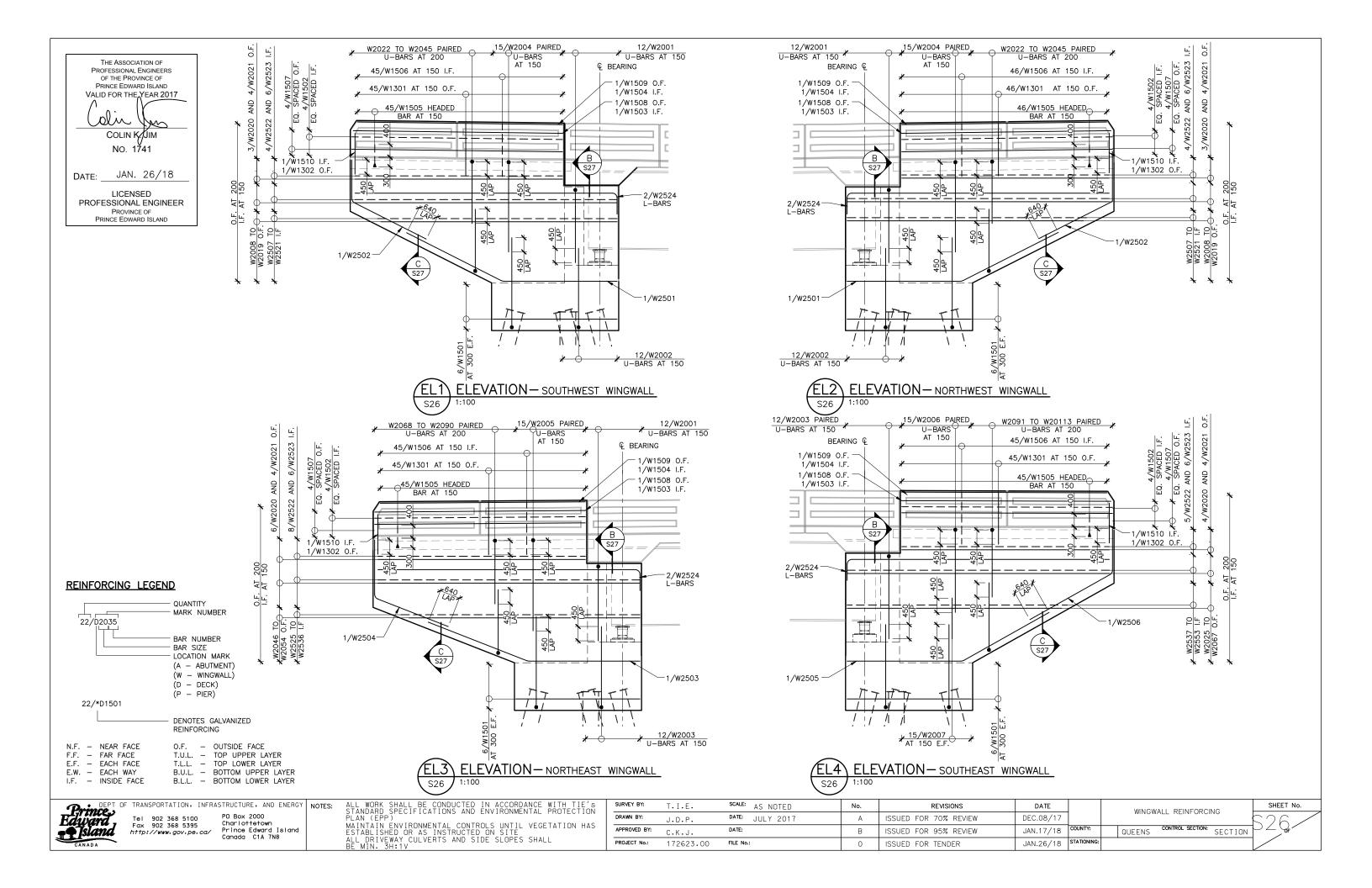
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	DRAWN BY:	J.D.P.	DATE: JULY 2017	Α	ISSUED FOR 70% REVIEW	DEC.08/17		ABOTMENT REINFORCING	K
	APPROVED BY:	C.K.J.	DATE:	В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION: SECTION	<u>}</u>
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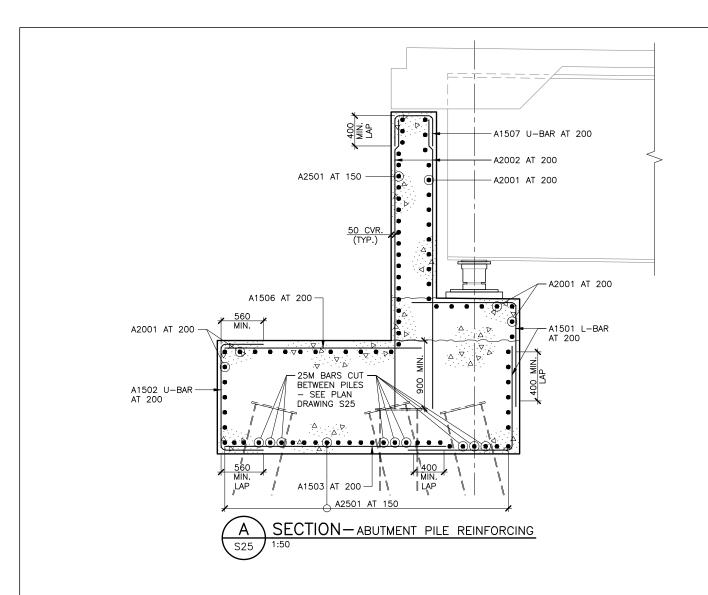


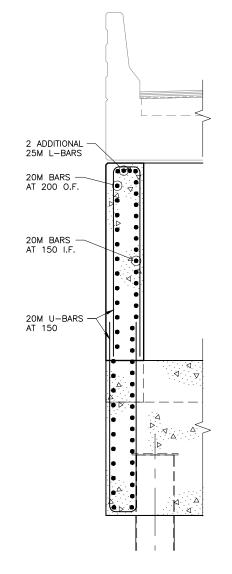
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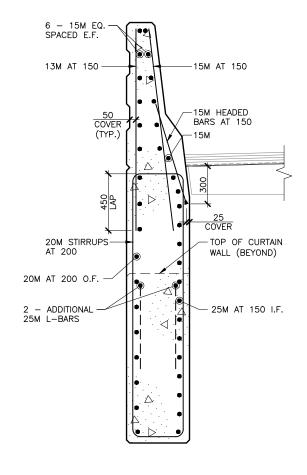
PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

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DRAWN BY:	J.D.P.	DATE: JULY 2017	А	ISSUED FOR 70% REVIEW	DEC.08/17		REINFORCING
APPROVED BY:	C.K.J.	DATE:	В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION: SECTION
PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING:	
	DRAWN BY: APPROVED BY:	DRAWN BY: J.D.P. APPROVED BY: C.K.J.	DRAWN BY: J.D.P. DATE: JULY 2017 APPROVED BY: C.K.J. DATE:	DRAWN BY: J.D.P. DATE: JULY 2017 A APPROVED BY: C.K.J. DATE: B	DRAWN BY: J.D.P. DATE: JULY 2017 A ISSUED FOR 70% REVIEW APPROVED BY: C.K.J. DATE: B ISSUED FOR 95% REVIEW	DRAWN BY: J.D.P. DATE: JULY 2017 A ISSUED FOR 70% REVIEW DEC.08/17 APPROVED BY: C.K.J. DATE: B ISSUED FOR 95% REVIEW JAN.17/18	DRAWN BY: J.D.P. DATE: JULY 2017 A ISSUED FOR 70% REVIEW DEC.08/17 APPROVED BY: C.K.J. DATE: B ISSUED FOR 95% REVIEW JAN.17/18 COUNTY:



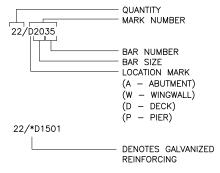






SECTION-THROUGH WINGWALL

REINFORCING LEGEND



N.F. - NEAR FACE O.F. - OUTSIDE FACE F.F. – FAR FACE E.F. – EACH FACE E.W. – EACH WAY T.U.L. - TOP UPPER LAYER T.L.L. - TOP LOWER LAYER B.U.L. - BOTTOM UPPER LAYER B.L.L. - BOTTOM LOWER LAYER I.F. - INSIDE FACE

SECTION-THROUGH CURTAIN WALL В S26

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017 Colin COLIN K/JIM No. 1741

JAN. 26/18 DATE:

LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND

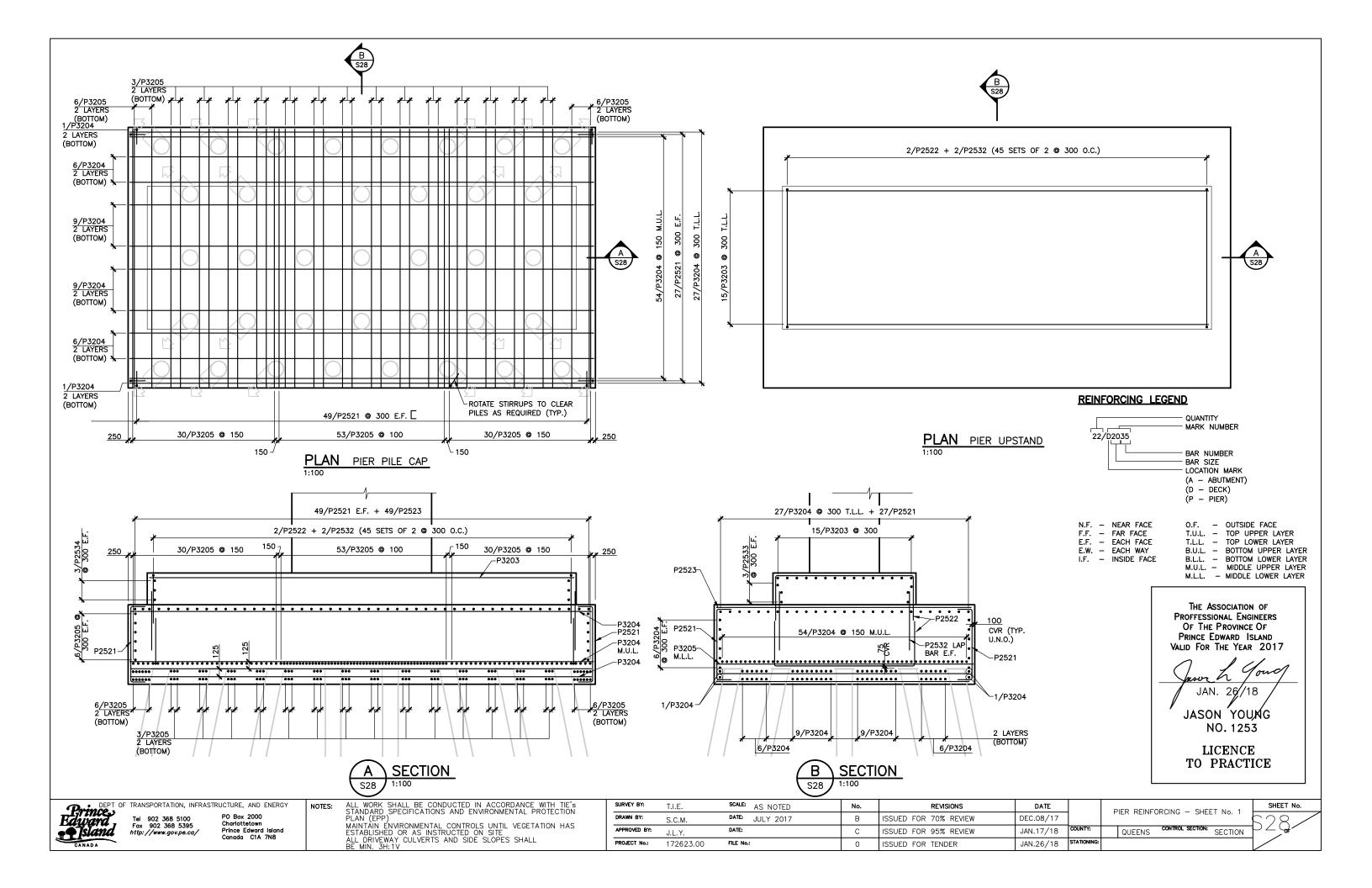
Prince

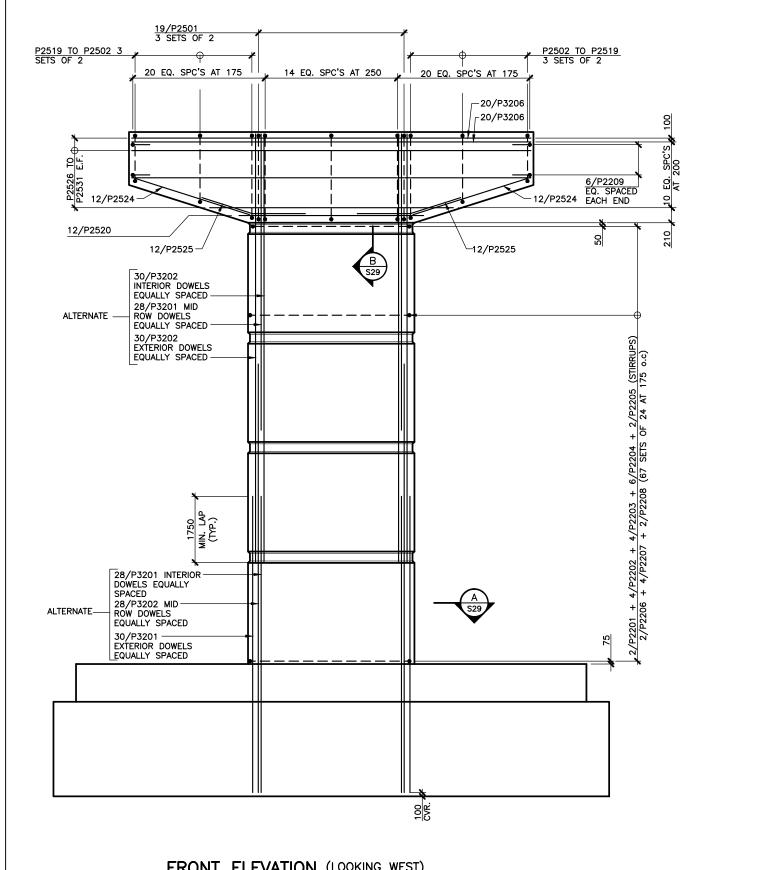
Tel 902 368 5100 PO Box 2000
Charlottetown
Prince Edward
Prince
Fax 902 368 5395 Prince Edward Island
Canada C1A 7N8 PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

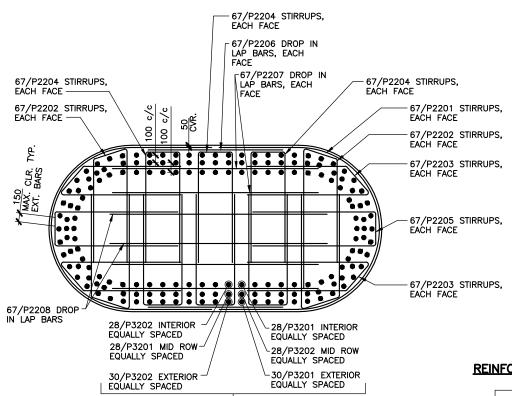
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DRAWN BY:	J.D.P.	DATE: JULY 2017	Α	
APPROVED BY:	C.K.J.	DATE:	В	
PROJECT No.:	172623.00	FILE No.:	0	

	T.I.E.	SCALE:	AS NOTED	No.	REVISIONS	DATE			NT AND WING		
	J.D.P.	DATE:	JULY 2017	Α	ISSUED FOR 70% REVIEW	DEC.08/17			DRCING SECTIO		K
′ :	C.K.J.	DATE:		В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS	CONTROL SECTION:	SECTION	<u> </u>
	172623.00	FILE No.:		0	ISSUED FOR TENDER	JAN.26/18	STATIONING:				L



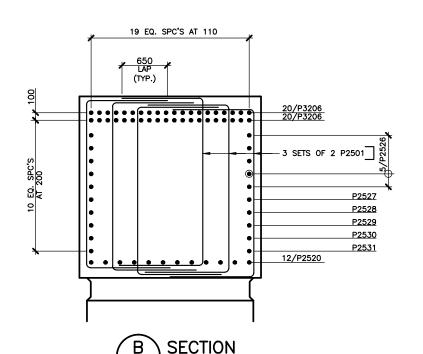






__ ALTERNATE

SECTION



REINFORCING LEGEND

QUANTITY MARK NUMBER 22/D2035 BAR NUMBER BAR SIZE LOCATION MARK (A - ABUTMENT) (D - DECK) (P - PIER)

O.F. - OUTSIDE FACE
T.U.L. - TOP UPPER LAYER
T.L.L. - TOP LOWER LAYER
B.U.L. - BOTTOM UPPER LAYER N.F. – NEAR FACE F.F. – FAR FACE E.F. – EACH FACE E.W. - EACH WAY B.L.L. - BOTTOM LOWER LAYER I.F. - INSIDE FACE

> THE ASSOCIATION OF PROFFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017

> > JAN. 26/18

JASON YOUNG NO. 1253

LICENCE TO PRACTICE

FRONT ELEVATION (LOOKING WEST)

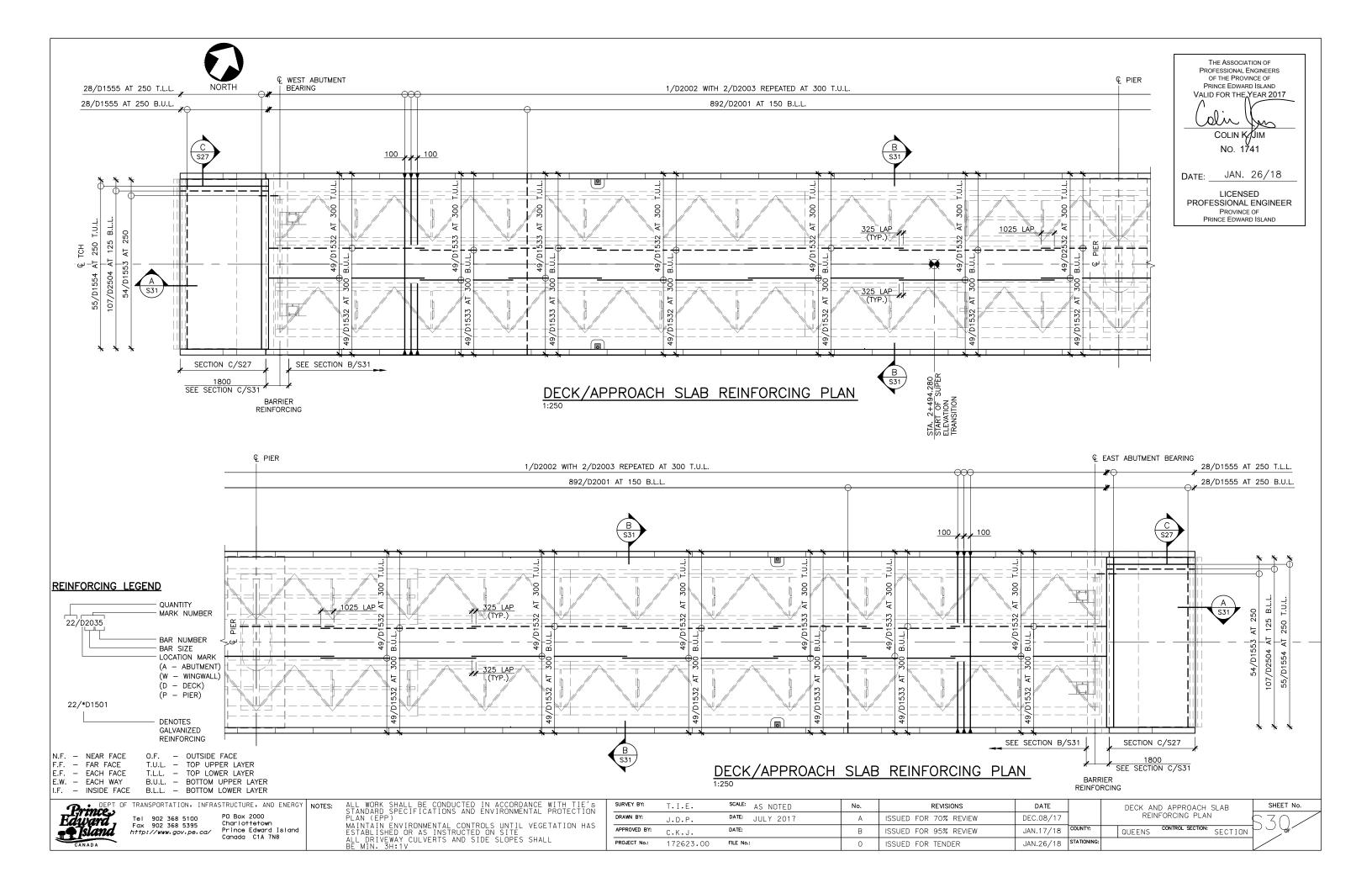
Prince Tel 902 368 5100 PO Box 2000 Charlottetown Prince Edward Island PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

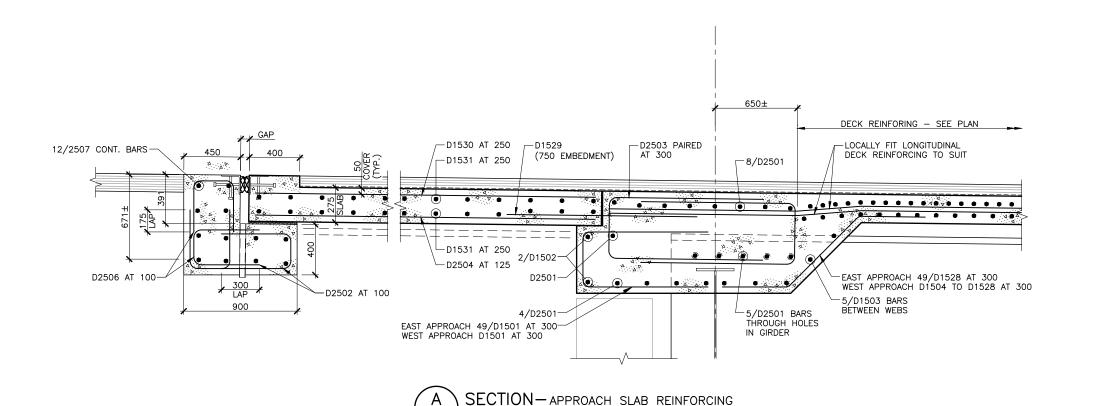
ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH TIE'S STANDARD SPECIFICATIONS AND ENVIRONMENTAL PROTECTION PLAN (EPP)

MAINTAIN ENVIRONMENTAL CONTROLS UNTIL VEGETATION HAS ESTABLISHED OR AS INSTRUCTED ON SITE ALL DRIVEWAY CULVERTS AND SIDE SLOPES SHALL BE MIN. 3H:1V

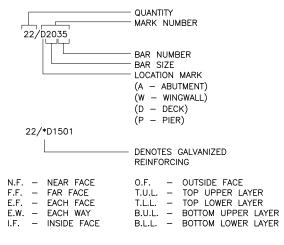
SURVEY BY:	T.I.E.	SCALE: AS NOTED	No.	REVISIONS	DATE		PIER REINFORCING — SHEET No. 2
DRAWN BY:	S.C.M.	DATE: JULY 2017	В	ISSUED FOR 70% REVIEW	DEC.08/17		FIER REINFORCING - SHEET NO. 2
APPROVED BY:	J.L.Y.	DATE:	С	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION: SECTION
PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING:	

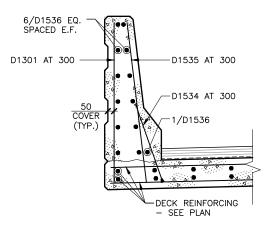




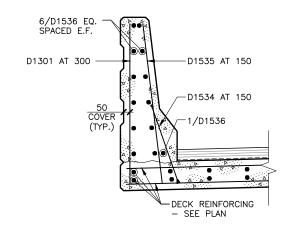


REINFORCING LEGEND





SECTION-TYPICAL BARRIER REINFORCING



SECTION—BARRIER REINFORCING AT END PANEL

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017 vila COLIN K. JIM No. 1741

JAN. 26/18 DATE:

LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND



PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

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MAINTAIN ENVIRONMENTAL CONTROLS UNTIL VEGETATION HAS ESTABLISHED OR AS INSTRUCTED ON SITE ALL DRIVEWAY CULVERTS AND SIDE SLOPES SHALL BE MIN. 3H:10

SURVEY BY:	T.I.E.	SCALE:	AS NOTED	No.	REVISIONS	DATE			FORCING SEC	TIONS
DRAWN BY:	J.D.P.	DATE:	JULY 2017	Α	ISSUED FOR 70% REVIEW	DEC.08/17		AA AA	ND DETAILS	
APPROVED BY:	C.K.J.	DATE:		В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS	CONTROL SECTION:	SECTION
PROJECT No.:	172623.00	FILE No.:		0	ISSUED FOR TENDER	JAN.26/18	STATIONING:			



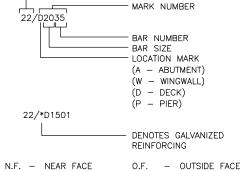
		CL	YDE	RIVE	ER B	RIDG	БЕ —	ABI	JTME	NT (GFRP	ВА	RS		
					REF.	DWG.	SHEET	S24,	S25 &	k S27					
MARK	TYPE	A	В	С	D	E	F	G	Н	J	К	0	R	LENGTH	QTY.
A1001	ST	1050												1050	180
A1501	2	1375	1375											2750	288
A1502	17		560	1400	560									2520	144
A1503	ST	2925												2925	144
A1504	ST	3900												3900	24
A1505	ST	1600												1600	4
A1506	ST	3150												2600	144
A1507	17		400	500	400									1300	144
A1508	T3	980	650											1630	330
A1509	T2	410	930	825	930	825		465						4385	*
A1510	T2	410	960	825	960	825		480						4460	*
A1511	T2	560	1340	1125	1340	1125		560						6050	*
A1512	T2	560	1270	1125	1270	1125		560						5910	*
A2001	ST	14200												14200	46
A2002	ST	3850												3850	288
A2501	ST	14200												14200	80
A2502	ST	645												645	12
A2503	ST	3290												3290	18
A2504	ST	1445												1445	12
A2505	ST	1890												1890	54

		CL	YDE	RIVI	ER E	RIDO	9E -	· WIN	1GWA	LL (3FRP	BAF	RS		
					REF	DWC	3. SHE	ET S2	6 & 5	527					
MARK	TYPE	A	В	С	D	E	F	G	Н	J	К	0	R	LENGTH	QTY.
W1301	ST	1655												1655	180
W1302	ST	1330												1330	4
W1501	ST	3900												3900	48
W1502	ST	6630												6630	16
W1503	ST	6480												6480	4
W1504	ST	6450												6450	4
W1505	HEADED	930												930	184
W1506	ST	1655												1655	180
W1507	ST	6630												6630	16
W1508	ST	6480												6480	4
W1509	ST	6450												6450	4
W1510	ST	1330												1330	4
W2001	17		2280	400	2280									4960	36
W2002	17		2500	400	2500									5400	24
W2003	17		2600	400	2600									5600	36
W2004	17		2825	400	2825									6050	60
W2005	17		2850	400	2850									6100	30
W2006	17		2600	400	2600									5600	30
W2007	ST	1285												1285	30
W2008	ST	8190												8190	2
→	<u> </u>	↓	↓	1	↓	↓	1	↓	↓	+	+	↓	↓	1	
ТО	ST					11 B/	ARS CUT	IN STEP	S 390					ТО	2
	1	1	↓	1	+	+	1	↓	↓	1	↓	↓	↓	1	1
W2019	ST	3900										·		3900	2
W2020	ST	8250												8250	16
W2021	ST	6530												6530	16
W2022	17		2075	400	2075									4550	4
1	 	1	1	1	1	1	1	ı.	1	1	1	↓	1	1	1
TO	17			· ·			'B' & 'D'			<u> </u>			<u> </u>	TO	4
	<u> </u>	1	↓	1		↓ ↓	1	↓ ↓	1	1 +	1	+	+	10	1
W2045	17	'	875	400	875	<u> </u>	<u> </u>	-		<u> </u>				2150	4
W2046	ST	8175	0,0	100	0,0									8175	1
↓	J ,	↓ ↓	+	Į.	+	1	Į.	ı.	Ţ	1	1	↓	↓	1 1	1
TO	ST		<u> </u>				RS CUT			<u> </u>			<u> </u>	TO	1
	J J	1	+	1	+	1	1 1	↓	, + /3	1	1	↓	↓ ↓	10	<u> </u>
W2054	ST	3900	,					, ·	<u> </u>					3900	1
W2055	17	8125												8125	1
₩2033	17	123	+	1	+	1	1	1	1	1	1	1	1	1 123	ļ
TO	17	•		_ *	_ •		RS CUT		•	_ •	_ •	_ •	· •	TO	1
10	17	1	+	1	+	12 67	1	111 312	1	1	l 1	↓	↓	10	<u> </u>
W2067	17	3900	<u> </u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>	+ '	'	<u> </u>	<u> </u>	3900	1
W2067 W2068	17	3300	2320	400	2320							-		5040	2
₩2008 ↓	17	1	↓	400	2320	1	1	Ţ	Į.	1	-	↓	1	3040	↓
TO	17	•		· •		BARS		CUT IN			· •	. *	_ •	TO	2
10	17	1	1	Į.		2 BARS	B & D	↓ ↓	SIEPS	50 	1	↓	+	10	
+ W2090	17	*	1480	400	1480	,	+	*	*	+ +	+	+	+	3360	2
WZU9U	17		1400	400	1400						l	<u> </u>		3360	

	CL	YDE	RIV	ER E	BRIDG	E -	WIN	1GWA	LL (SFRP	BAF	RS (CON	Т.)	
					REF	. DWG	. SHE	ET S2	6 & 5	527					
MARK	TYPE	A	В	С	D	E	F	G	Н	J	К	0	R	LENGTH	QTY.
W2091	17		2400	400	2400									5200	2
+	1	1	1	1	+	+	1	+	1	1	+	+	1	1	1
TO	17				22	BARS '	B' & 'D'	CUT IN	STEPS	50				TO	2
+	Į.	1	1	1	+	+	1	1	1	1	+	+	1	1	1
W20113	17		1200	400	1200									2800	2
W2501	19		3605	3385					1525		3020			6990	2
W2502	19		2625	1275					2340		1185			3900	2
W2503	19		3530	330					1225		3165			6900	1
W2504	19		1820	2490					2315		905			4310	1
W2505	19		3630	3130					2725		1530			6760	1
W2506	19		1400	2985					1460		2600			4385	1
W2507	ST	8250												8250	2
↓	1	Į.	↓	Į.	.↓	↓	1	Į.	Į.	1	+	.↓	1	↓	1
TO	ST					14 BA	RS CUT	IN STEP	S 290					то	2
+	1	1	↓	1	+	+	1	1	+	1	+	↓	↓	1	↓
W2521	ST	3900												3900	2
W2522	ST	8250												8250	21
W2523	ST	6530												6530	24
W2524	2	660	8250											8910	8
W2525	ST	8220												8220	1
+	1	1	+	1	+	+	1	1	1	+	+	↓	↓	+	Į.
TO	ST					11 BA	RS CUT	IN STEP	S 360					то	1
+	1	1	+	1	+	+	1	↓	1	1	+	+	1	+	1
W2536	ST	3900												3900	1
W2537	ST	8235												8235	1
+	↓	↓	↓	1	↓	+	1	+	Į.	1	+	+	↓	+	+
TO	ST					16 BA	RS CUT	IN STEP	S 255					то	1
+	+	↓	↓	↓	↓	+	1	+	↓	1	+	+	↓	+	+
W2553	ST	3900												3900	1

		С	LYDE	E RI\	/ER	BRID	GE ·	– DE	ECK	GFR	P BA	RS			
					REF.	DWG.	SHEE	T S30	& S3	1					
MARK	TYPE	Α	В	С	D	E	F	G	Н	J	К	0	R	LENGTH	QTY.
D1301	ST	1275												1275	896
D1501	17		990	400	990									2380	98
D1502	ST	14200												14200	4
D1503	ST	3300												3300	30
D1504	19		525	1100	525				370		370			2160	1
↓	1	+	↓	↓	1	1	1	↓	1	1	1	1	1	1	+
TO				•		24 BAF	RS CUT '	C' IN ST	EPS 10		•		•	TO	2
+	1	+	+	†	1	1	1	+	1	1	1	1	1	1	+
D1528	19		525	860	525				370		370			1871	51
D1529	ST	1505												1505	108
D1530	ST	6850												6850	110
D1531	ST	13300												13300	116
D1532	ST	12200												12200	833
D1533	ST	7300												7300	392
D1534	HEADED	810												810	922
D1535	ST	1275												1275	922
D1536	ST	2880												2880	630
D2001	ST	14200												14200	871
D2002	HEADED E.S.	14200												14200	436
D2003	HEADED	5550												5550	870
D2501	ST	14200												14200	36
D2502	17		550	300	550									1400	536
D2503	17		1220	370	1220									2810	196
D2504	ST	6850												6850	216
D2505	ST	12200												12200	49
D2506	17		435	350	435									1220	536
D2507	ST	13300												13300	24

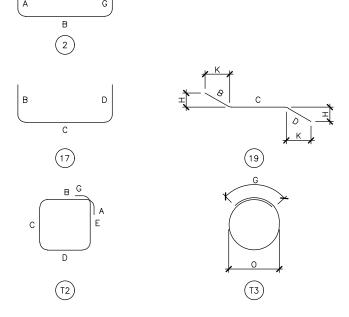
REINFORCING LEGEND

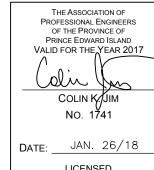


- QUANTITY

O.F. - OUTSIDE FACE
T.U.L. - TOP UPPER LAYER
T.L.L. - TOP LOWER LAYER
B.U.L. - BOTTOM UPPER LAYER
B.L.L. - BOTTOM LOWER LAYER F.F. - FAR FACE E.F. - EACH FACE E.W. - EACH WAY I.F. - INSIDE FACE

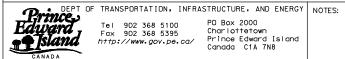
TYPICAL BAR BENDS





LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND

SHEET No.



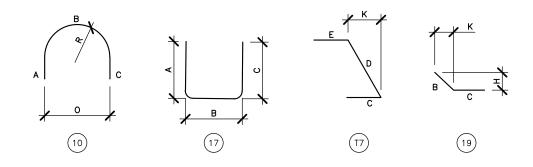
Tel 902 368 5100 PO Box 2000
Fax 902 368 5395 Charlottetown
http://www.gov.pe.ca/ Prince Edward Island
Canada C1A 7N8

SURVEY BY:	T.I.E.	^{SCALE:} AS NOTED	No.	REVISIONS	DATE		REINFORCING BAR LISTS	SHEET No.
DRAWN BY:	S.C.M.	DATE: JULY 2017	Α	ISSUED FOR 70% REVIEW	DEC.08/17		- SHEET No. 1	K30,
APPROVED BY:	J.L.Y.	DATE:	В	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION: SECTION	10/4/
PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING:		

			CLY	DE F	RIVER	BR	IDGE	-	PIER	GFF	RP B	ARS			
					REI	F. DWG	. SHE	ET S2	8 & 5	529					
MARK	TYPE	A	В	С	D	E	F	G	н	J	к	0	R	LENGTH	QTY.
P2201	10	1100	3142	1100								2000	978	5342	134
P2202	T7			1445	540	1310					133			3295	268
P2203	T7			1500	495	1210					294			3205	268
P2204	17		1450	570	1450									3470	402
P2205	17		1500	600	1500									3600	134
P2206	ST													1770	134
P2207	ST													2720	268
P2208	ST													2970	134
P2209	17	450	2245	450										3145	12

			CLY	DE F	RIVER	R BR	IDGE	-	PIER	GFF	RP B	ARS				
	REF. DWG. SHEET S28 & S29															
MARK	TYPE	A	B C D E F G H J K O R LENGTH QTY.													
P3201	ST													7840	172	
P3202	ST													11340	172	
P3203	ST													13300	15	
P3204	ST													14500	157	
P3205	ST													8000	233	
P3206	ST													10600	40	

			CLY	UE F	RIVER	RK	IDGE		<u> </u>	GFF	אר ה	AKS			
					REF	. DWG	SHE	ET S2	8 & 5	S29					
MARK	TYPE	Α	В	С	D	E	F	G	Н	J	к	0	R	LENGTH	QT
P2501	17		1115	2300	1115									4530	11-
P2502	17		1115	2260	1115									4490	12
P2503	17		1115	2205	1115									4435	12
P2504	17		1115	2150	1115									4380	12
P2505	17		1115	2095	1115									4325	12
P2506	17		1115	2040	1115									4270	12
P2507	17		1115	1985	1115									4215	12
P2508	17		1115	1925	1115									4155	12
P2509	17		1115	1870	1115									4100	12
P2510	17		1115	1815	1115									4045	12
P2511	17		1115	1760	1115									3990	12
P2512	17		1115	1705	1115									3935	12
P2513	17		1115	1650	1115									3880	12
P2514	17		1115	1595	1115									3825	12
P2515	17		1115	1540	1115									3770	12
P2516	17		1115	1485	1115									3715	12
P2517	17		1115	1425	1115									3655	12
P2518	17		1115	1370	1115									3600	12
P2519	17		1115	1315	1115									3545	12
P2520	STR													4540	12
P2521	17		450	2300	450									3200	15
P2522	17		1500	4300	1500									7300	90
P2523	ST													8000	49
P2524	ST													3265	24
P2525	19		1400	1400					425		1335			2800	24
P2526	ST													10600	10
P2527	ST													10350	2
P2528	ST													9090	2
P2529	ST													7830	2
P2530	ST													6570	2
P2531	ST													5310	2
P2532	ST													1840	90
P2533	ST													13300	6
P2534	ST													4300	6

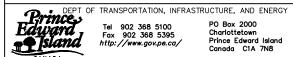


THE ASSOCIATION OF PROFFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2017

JAN. 26/18

JASON YOUNG NO. 1253

LICENCE TO PRACTICE



Tel 902 368 5100 Fax 902 368 5395 http://www.gov.pe.ca/

PO Box 2000 Charlottetown Prince Edward Island Canada C1A 7N8

NOTES:

T	SURVEY BY:	T.I.E.	SCALE: AS NOTED	No.	REVISIONS	DATE		REINFORCING BAR LIST	S	
l	DRAWN BY:	S.C.M.	DATE: JULY 2017	В	ISSUED FOR 70% REVIEW	DEC.08/17		- SHEET No. 2	,	
l	APPROVED BY:	J.L.Y.	DATE:	С	ISSUED FOR 95% REVIEW	JAN.17/18	COUNTY:	QUEENS CONTROL SECTION:	SECTION	۲
	PROJECT No.:	172623.00	FILE No.:	0	ISSUED FOR TENDER	JAN.26/18	STATIONING:			

