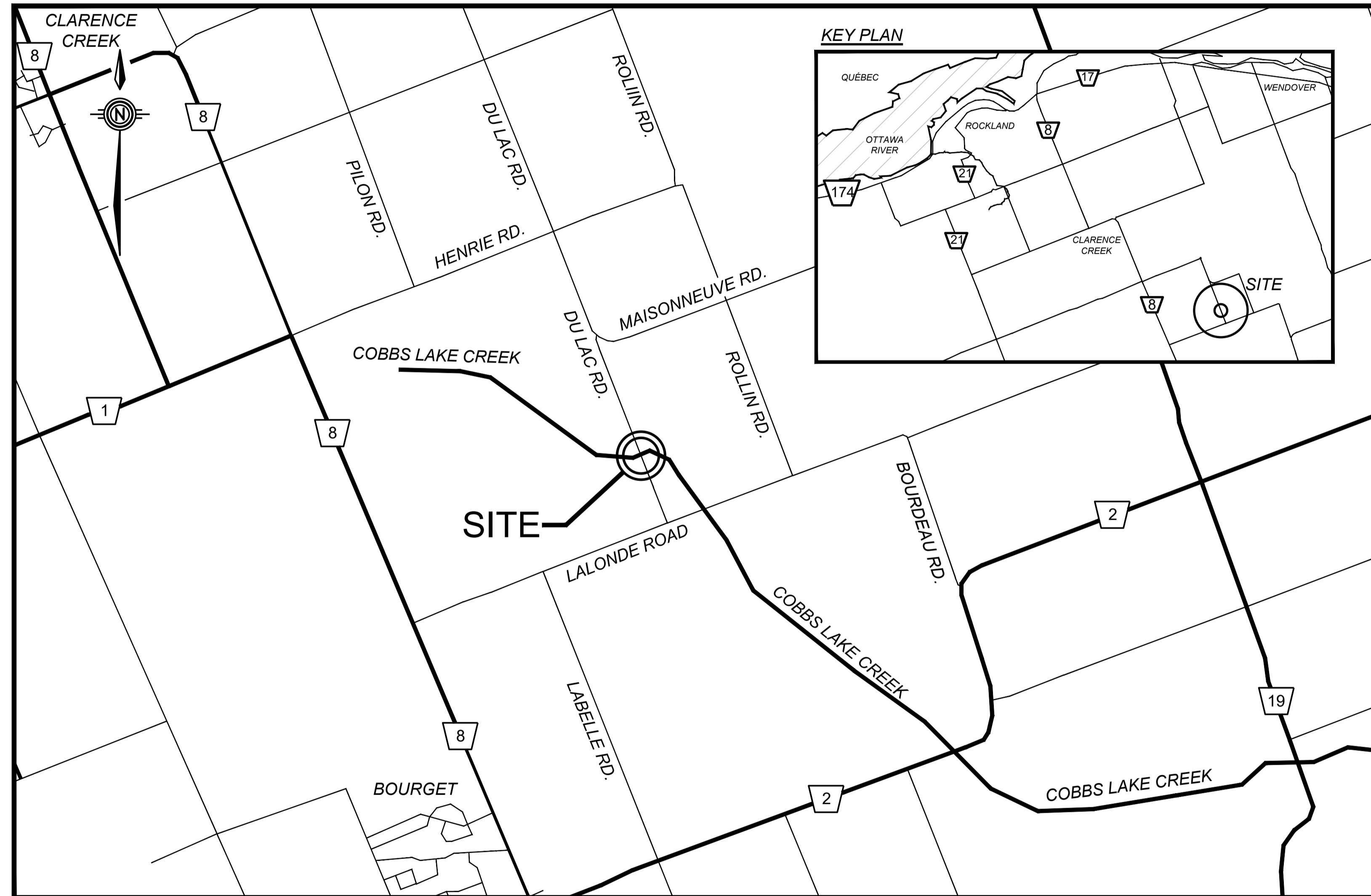


THE CITY OF CLARENCE-ROCKLAND

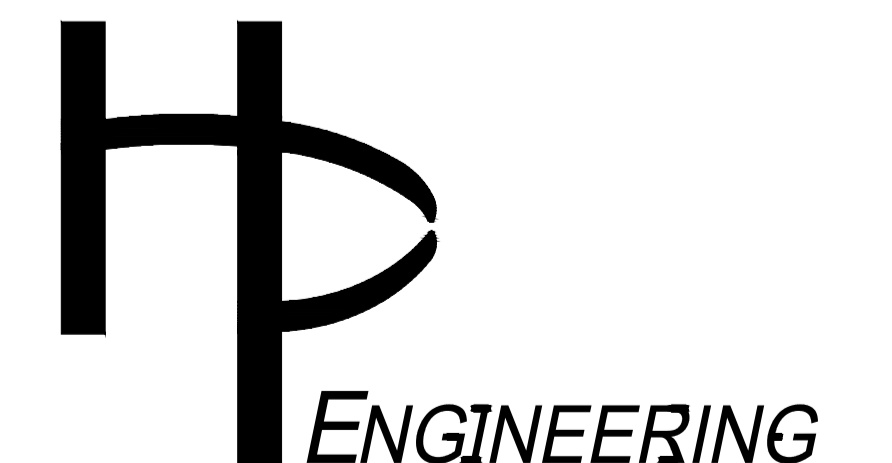


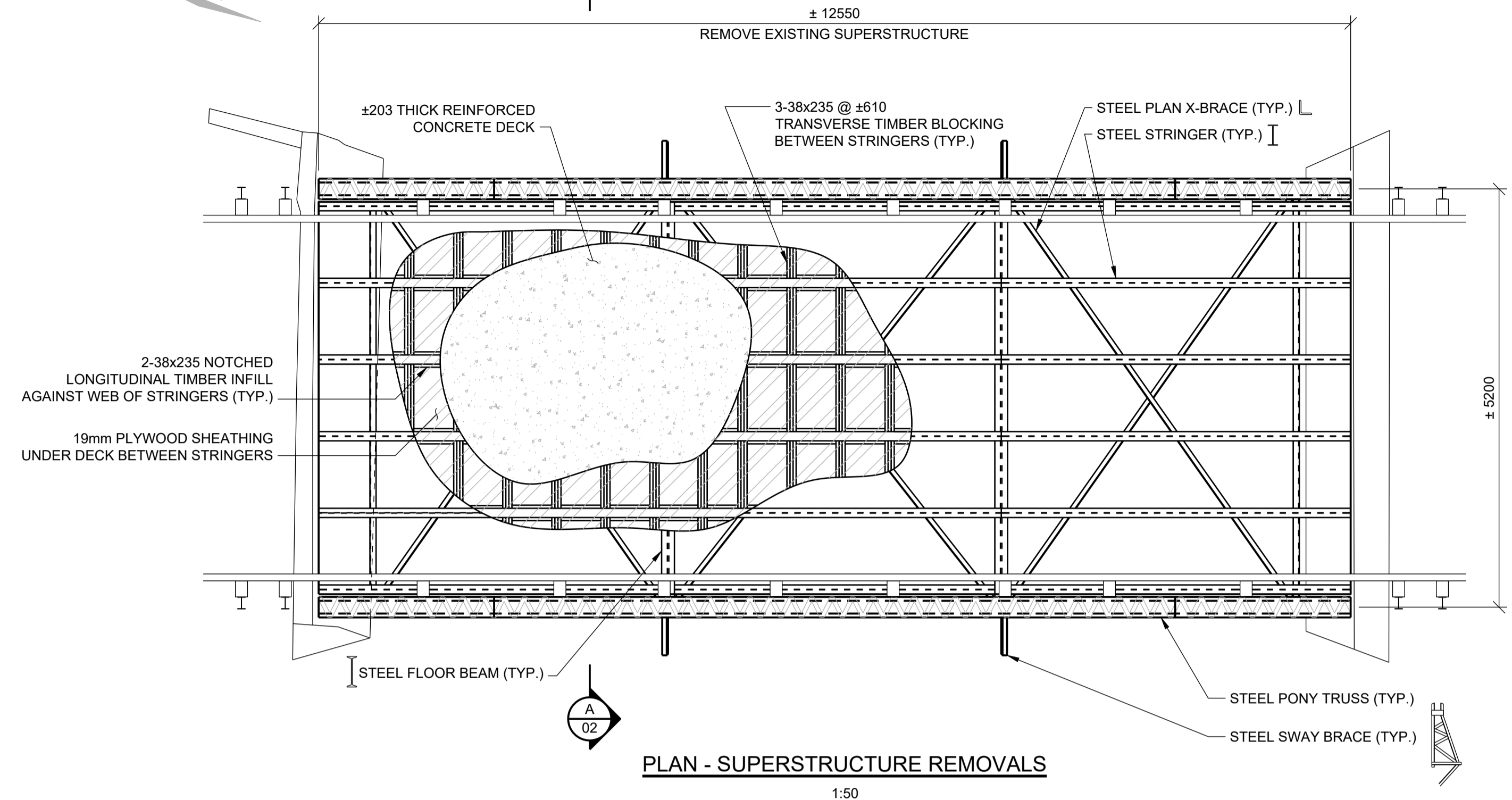
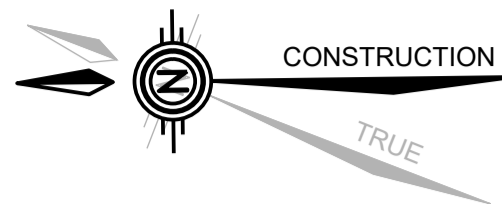
LIST OF DRAWINGS

- COVER SHEET
- 01A - GENERAL ARRANGEMENT
- 02A - SUPERSTRUCTURE REMOVALS
- 03A - NEW SUPERSTRUCTURE
- 04A - REMOVALS, NORTH ABUTMENT
- 05A - REMOVALS, SOUTH ABUTMENT
- 06A - RECONSTRUCTION - DIMENSIONAL, N. ABUTMENT
- 07A - RECONSTRUCTION - DIMENSIONAL, S. ABUTMENT
- 08A - RECONSTRUCTION - REINFORCEMENT, N. ABUTMENT
- 09A - RECONSTRUCTION - REINFORCEMENT, S. ABUTMENT
- 10A - ROADWAY - PLAN & PROFILE
- 11A - ROADWAY - DETAILS

COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT

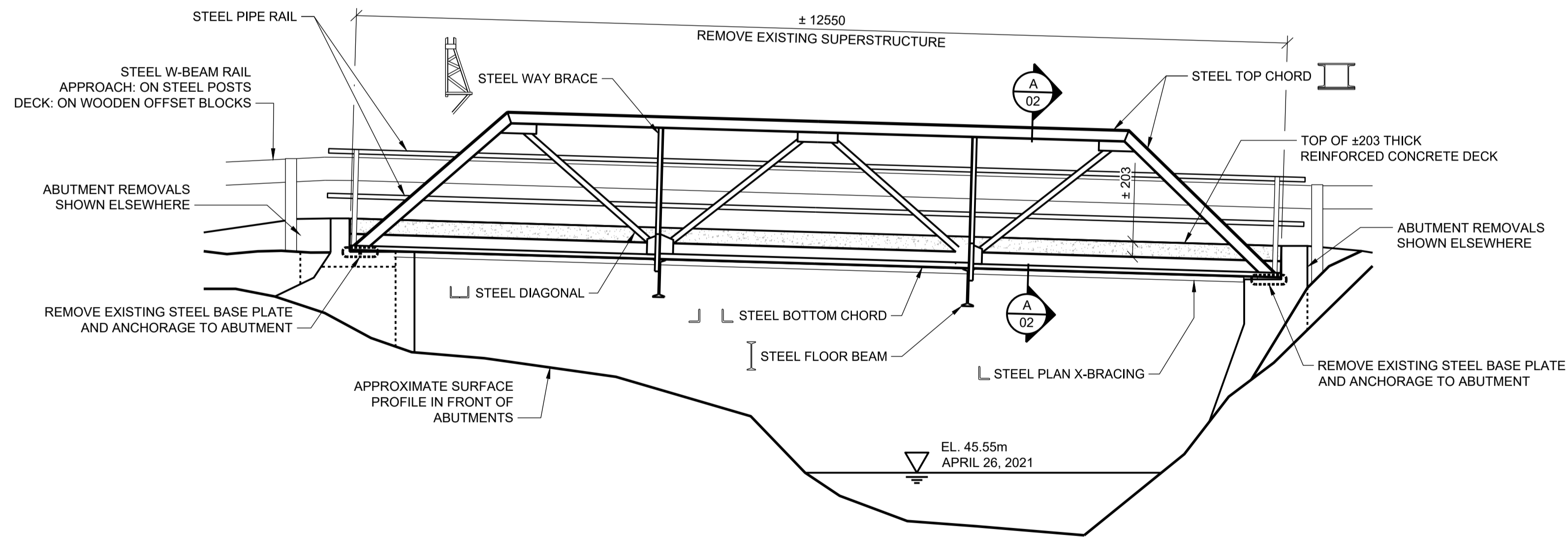
CONTRACT No. 2025-001





PLAN - SUPERSTRUCTURE REMOVALS

1:50

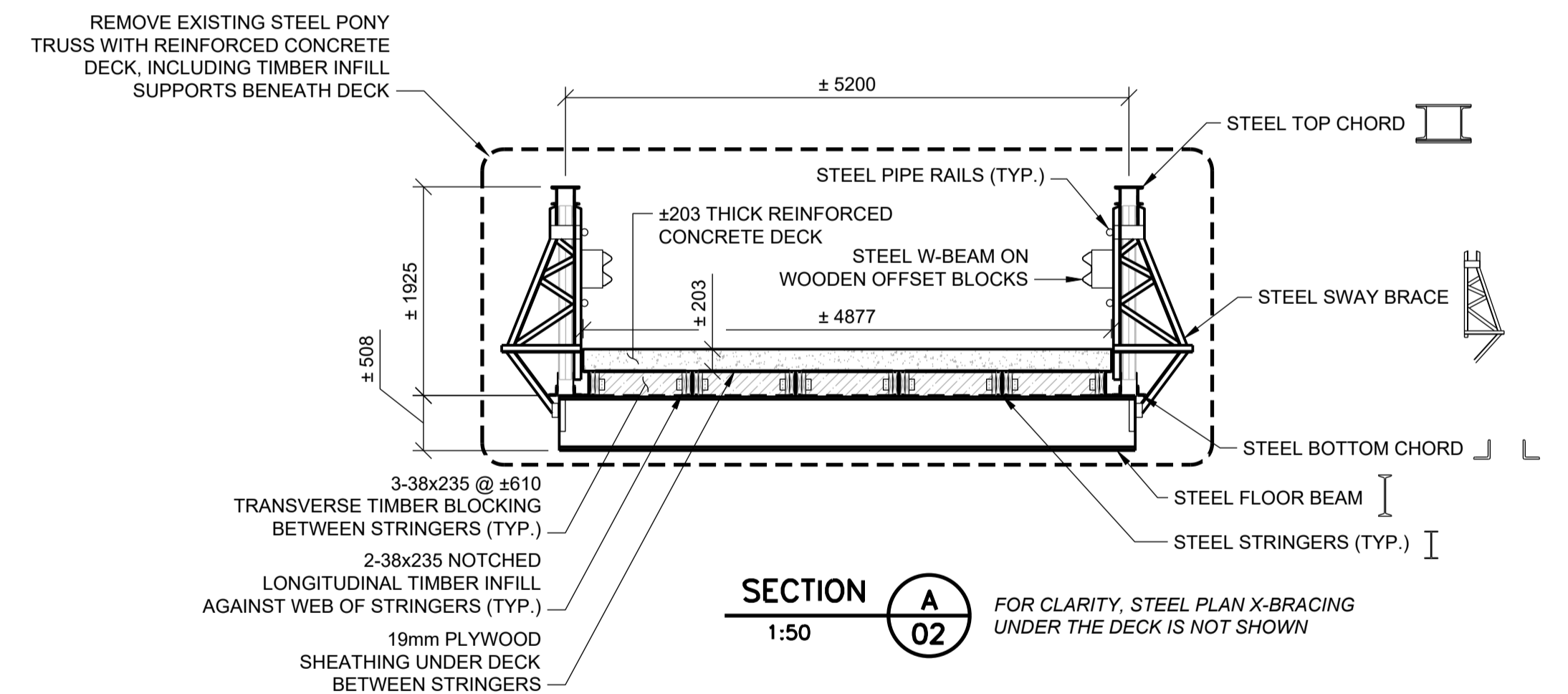


WEST ELEVATION - SUPERSTRUCTURE REMOVALS

1:50

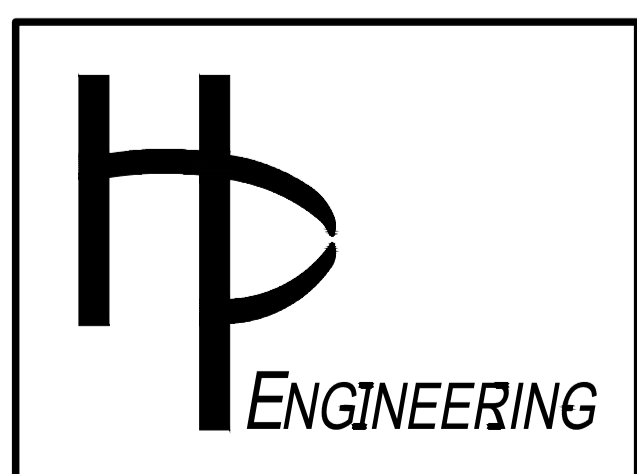
NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE TO ESTABLISH HIS OWN MEANS OF ACCESS TO COMPLETE THE WORK.
3. ALL EXISTING CONDITIONS SHOWN ON THE DRAWING ARE TAKEN FROM SITE MEASUREMENTS ARE APPROXIMATE ONLY. NOT ALL COMPONENTS ARE SHOWN (E.G. GUSSET PLATES, RIVETS, LATTICE BRACING, ETC.). THE CONTRACTOR SHALL REVIEW THE STRUCTURE IN-PERSON AND AT THEIR OWN DISCRETION TO CONDUCT THEIR OWN MEASUREMENTS, UNDERSTANDING OF THE COMPONENTS / CONNECTIONS, UNDERSTANDING OF MATERIAL CONDITION, AND ASSESSMENT OF WEIGHT. ANY DISCREPANCIES BETWEEN THE CONTRACTOR'S MEASUREMENTS / GEOMETRIES AND THOSE SHOWN ON THIS DRAWING SHALL BE REPORTED TO THE CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL TO PROCEED WITH THE REMOVALS.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO ESTABLISH ADEQUATE AND APPROPRIATE LEVELS OF DEBRIS CONTAINMENT TO ENSURE THAT ABSOLUTELY NO DEMOLITION MATERIALS ARE PERMITTED TO ENTER THE WATERCOURSE OR NATURAL ENVIRONMENT. SUCH MEASURES SHALL BE CLEARLY INDICATED IN THE CONTRACTOR'S REMOVAL PLAN.
5. THE AVERAGE WATER LEVEL IN THE WATERCOURSE FLUCTUATES DUE TO SEASONAL FLOODING AND PERIODICALLY DUE TO RAIN EVENTS. THE WATER LEVEL SHOWN ON THIS DRAWING IS REPRESENTATIVE ONLY OF THE ELEVATION MEASURED ON THE DATE INDICATED AND MAY NOT REPRESENT THE ACTUAL WATER LEVEL DURING CONSTRUCTION.



SECTION A

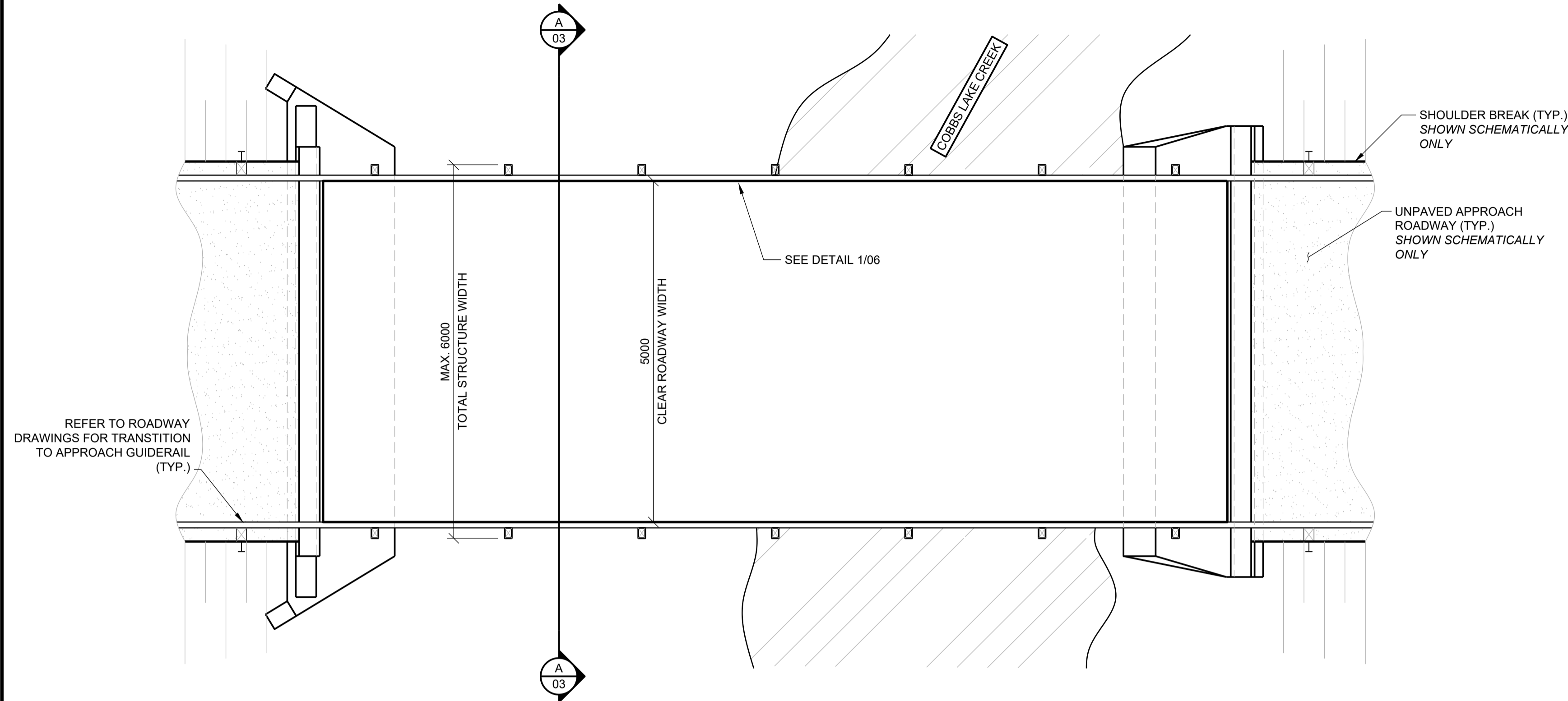
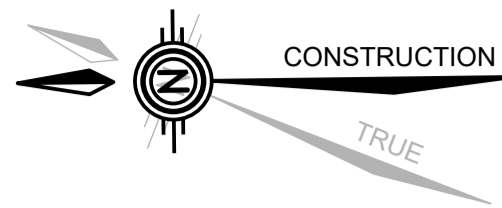
1:50



NO.	REVISION	BY	DATE
	ISSUED FOR TENDER	T.D.	24/12/18

CLIENT		CITY OF CLARENCE-ROCKLAND	
PROJECT TITLE		COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT	
DRAWING TITLE		SUPERSTRUCTURE - REMOVALS	

DATE: DECEMBER 2024			
Dwn.	J.B.	Chk.	T.D.
Scale: AS SHOWN			
Des.	T.D.	Chk.	J.P.
CONTRACT NO. 2025-001			
SHEET 2 OF 11			
DWG. NO. 02A			

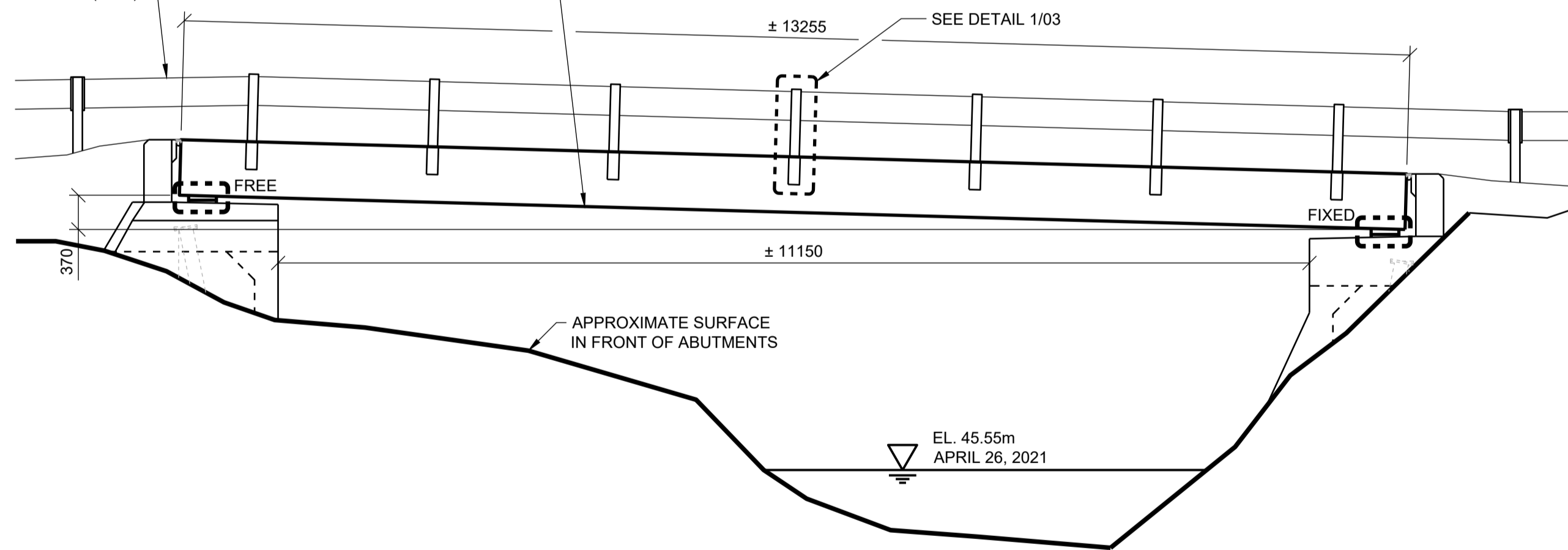


PLAN - NEW SUPERSTRUCTURE

1:50

RAILS SHALL BE CONTINUOUS THROUGH TRANSITION TO APPROACH GUIDERAIL TO ENSURE 1.905m POST SPACING ALONG BRIDGE; REFER TO ROADWAY DRAWINGS FOR TRANSITION DETAILS (TYP.)

UNDERSIDE OF NEW SUPERSTRUCTURE SHALL NOT BE LOWER THAN THE EXISTING (TO BE REMOVED) SUPERSTRUCTURE



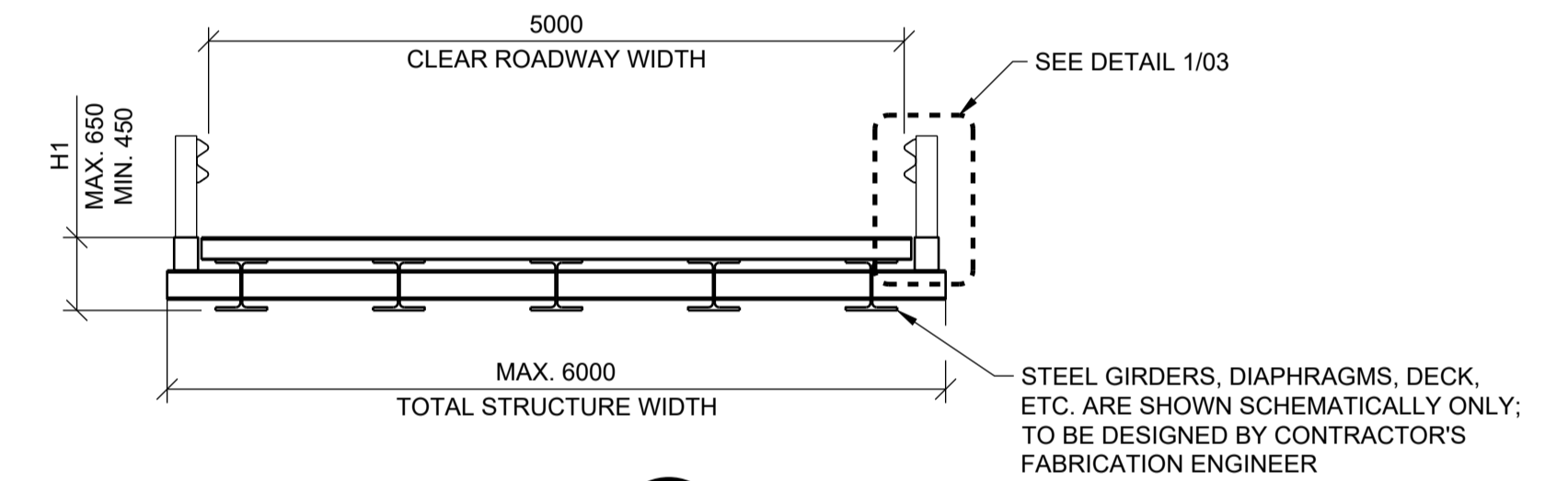
WEST ELEVATION - NEW SUPERSTRUCTURE

1:50

NOTES:

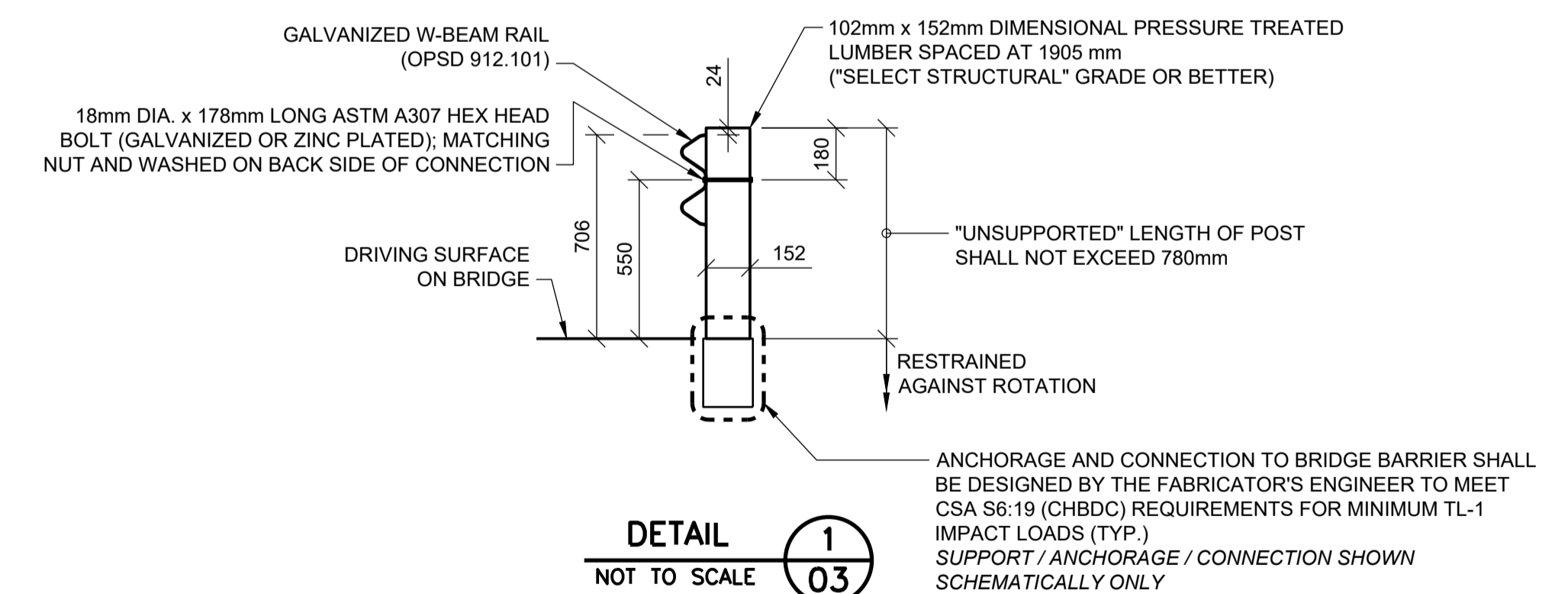
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE TO ESTABLISH HIS OWN MEANS OF ACCESS TO COMPLETE THE WORK.
- ALL EXISTING CONDITIONS SHOWN ON THE DRAWING ARE TAKEN FROM SITE MEASUREMENTS ARE APPROXIMATE ONLY. NOT ALL COMPONENTS ARE SHOWN (E.G. GUSSET PLATES, RIVETS, LATTICE BRACING, ETC.). THE CONTRACTOR SHALL REVIEW THE STRUCTURE IN-PERSON AND AT THEIR OWN DISCRETION TO CONDUCT THEIR OWN MEASUREMENTS, UNDERSTANDING OF THE COMPONENTS / CONNECTIONS, UNDERSTANDING OF MATERIAL CONDITION, AND ASSESSMENT OF WEIGHT. ANY DISCREPANCIES BETWEEN THE CONTRACTOR'S MEASUREMENTS / GEOMETRIES AND THOSE SHOWN ON THIS DRAWING SHALL BE REPORTED TO THE CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL TO PROCEED WITH THE REMOVALS.
- THE AVERAGE WATER LEVEL IN THE WATERCOURSE FLUCTUATES DUE TO SEASONAL FLOODING AND PERIODICALLY DUE TO RAIN EVENTS. THE WATER LEVEL SHOWN ON THIS DRAWING IS REPRESENTATIVE ONLY OF THE ELEVATION MEASURED ON THE DATE INDICATED AND MAY NOT REPRESENT THE ACTUAL WATER LEVEL DURING CONSTRUCTION.
- THE OWNER MAY, AT THEIR SOLE DISCRETION, GIVE PREFERENCE TO LOW MAINTENANCE DESIGNS DURING THE TENDER REVIEW.
- PARAMETERS FOR DESIGN OF THE NEW PRE-FABRICATED BRIDGE SUPERSTRUCTURE:
 - THE SUPERSTRUCTURE SHALL BE OF A STEEL GIRDER & STEEL DECK (CHECKER PLATE) CONSTRUCTION.
 - ALL ROLLED STRUCTURAL STEEL SHALL BE WEATHERING STEEL (ATMOSPHERIC CORROSION RESISTANT STEEL) GRADE 350A TO CSA G40.20/G40.21.
 - ALL STEEL PLATES SHALL BE WEATHERING STEEL (ATMOSPHERIC CORROSION RESISTANT STEEL) GRADE 300A TO CSA G40.20/G40.21.
 - THE STEEL CHECKER PLATE (BRIDGE DECK RIDING SURFACE) SHALL BE GRADE 300W TO CSA G40.20/G40.21.
 - IF THE STEEL CHECKER PLATE BRIDGE DECK IS FABRICATED OUT OF MULTIPLE PIECES, NO GAPS SHALL BE PERMITTED BETWEEN ADJACENT PLATE SECTION. ANY GAPS SHALL BE FULLY FILLED WITH CONTINUOUS WELD AND ACCOUNTED FOR IN THE DESIGN OF THE SUPERSTRUCTURE.
 - COATING NEW STEEL:
 - ALL STRUCTURAL STEEL SURFACES WITHIN A DISTANCE OF 3.0m FROM THE ENDS OF THE BRIDGE GIRDERS SHALL BE COATED, EXCEPT FOR SURFACES IN CONTACT WITH CONCRETE AND SURFACES OF BOLTED JOINTS.
 - ALL SURFACES OF THE STEEL CHECKER PLATE BRIDGE DECK RIDING SURFACE SHALL BE COATED.
 - COATING SHALL BE AN APPROVED 3-COAT EPOXY-ZINC / EPOXY /

- POLYURETHANE SYSTEM AS INDICATED IN THE CONTRACT DOCUMENTS.
- SUPERSTRUCTURE SHALL BE PRE-CAMBERED FOR DEAD LOAD (SELF-WEIGHT AND ANY SUPERIMPOSED DEAD LOADS) OF ALL COMPONENTS. THE ENDS OF GIRDERS AND BEARING STIFFENERS (IF ANY) SHALL BE TRULY VERTICAL UNDER FULL DEAD LOAD.
- CLEAR ROADWAY WIDTH OF 5000 mm, AS DEPICTED ON THIS DRAWING.
 - THE TOTAL HEIGHT OF THE NEW SUPERSTRUCTURE AND THE BEARING ASSEMBLIES SHALL MEET THE REQUIREMENTS DEPICTED ON THIS DRAWING (I.E. THE CONTRACTOR'S ENGINEER SHALL DESIGN THE NEW SUPERSTRUCTURE AND BEARING ASSEMBLIES TO ACHIEVE THE ALLOWABLE RANGES FOR "H1" AND "H2" AS DEPICTED BELOW).
 - THE GROSS WEIGHT OF THE PREFABRICATED BRIDGE (INCLUDING BEARING ASSEMBLIES, BARRIERS, AND THE DECK WEARING SURFACE, SHALL NOT EXCEED 30,000 KILOGRAMS.
 - THE BRIDGE BARRIER BE A TL-1 STEEL W-BEAM RAIL ON WOOD POSTS, AS DEPICTED BELOW.
 - THE ENGINEER RESPONSIBLE FOR THE SUPERSTRUCTURE DESIGN SHALL DESIGN SUPPORTS FOR THE BRIDGE BARRIER POSTS TO BE ATTACHED TO THE NEW SUPERSTRUCTURE. THE ATTACHMENT POINTS SHALL BE DESIGNED TO RESIST, AT MINIMUM, FACTORED TL-1 IMPACT LOADS BASED ON THE POST SPACING INDICATED ON THIS DRAWING.
 - ATTACHMENTS FOR BARRIER POSTS SHALL BE DESIGNED TO SIMPLIFY AND REDUCE THE COST OF REPLACING BARRIER POSTS. ATTACHMENTS SHALL ALSO BE DESIGNED TO PREVENT PREMATURE DETERIORATION OF THE BRIDGE BARRIER POSTS (E.G. THROUGH TRAPPED MOISTURE).
 - ALTERNATIVE BRIDGE BARRIER SYSTEMS MAY BE PROPOSED BY THE ENGINEER RESPONSIBLE FOR THE DESIGN OF THE BRIDGE SUPERSTRUCTURE. ANY PROPOSED ALTERNATIVE BARRIERS SHALL MEET THE MINIMUM REQUIREMENTS OF A TL-1 BARRIER TO NCHRP REPORT 350 OR MASH 2016 (AASHTO). ALTERNATIVE BRIDGE BARRIER SYSTEMS MUST ALSO HAVE A CRASH-TESTED MINIMUM TL-1 TRANSITION TO APPROACH STEEL BEAM GUIDE RAIL (LEGACY SBGR OR M20 PER MTO ROADSIDE DESIGN MANUAL).
 - BRIDGE BEARING ASSEMBLIES SHALL BE DESIGNED TO ALLOW FOR EXPANSION (THERMAL OR OTHERWISE) AT THE NORTH ABUTMENT ("FREE END") AND FOR FULL LONGITUDINAL RESTRAINT AT THE SOUTH ABUTMENT ("FIXED END"). THE DESIGN ENGINEER SHALL ALSO CONSIDER THE NEED FOR OTHER FORMS OF RESTRAINTS AS MAY BE REQUIRED PER CSA S6:19 AND THE STRUCTURAL MANUAL (E.G. TO PREVENT LIFT-OFF).
 - END JOINT ASSEMBLIES SHALL CONSIST OF COMPRESSION SEALS BONDED / ANCHORED TO THE BRIDGE SUPERSTRUCTURE AND TO THE CONCRETE BALLAST WALL. ALL END JOINTS SHALL BE DESIGNED WITH A MINIMUM 25mm / MAXIMUM 50mm GAP AT 15°C. ALL JOINTS SHALL BE DESIGNED TO RESIST THE DESIGN LOADS AND ACCOMMODATE THE MOVEMENTS OF THE BRIDGE AS PRESCRIBED IN CSA S6:19 AND THE STRUCTURAL MANUAL.
 - ANY OTHER CONSTRAINTS DEPICTED ON THIS DRAWING OR ELSEWHERE IN THE CONTRACT DOCUMENTS WHICH MAY NOT BE EXPLICITLY LISTED ABOVE.



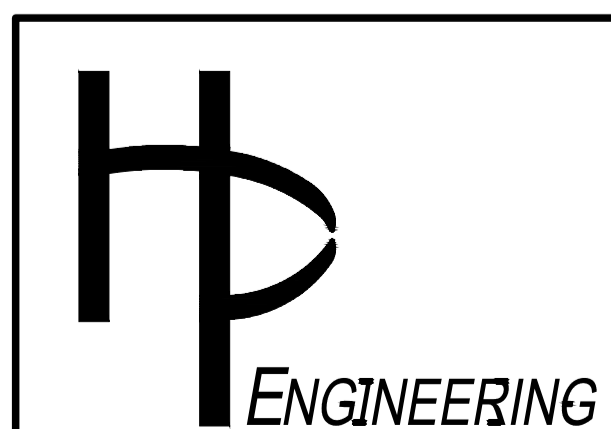
SECTION A 03

1:50



DETAIL 1

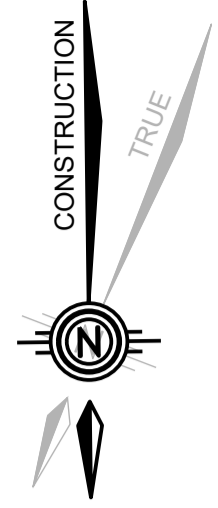
NOT TO SCALE



NO.	REVISION	BY	DATE
	ISSUED FOR TENDER	T.D.	24/12/18

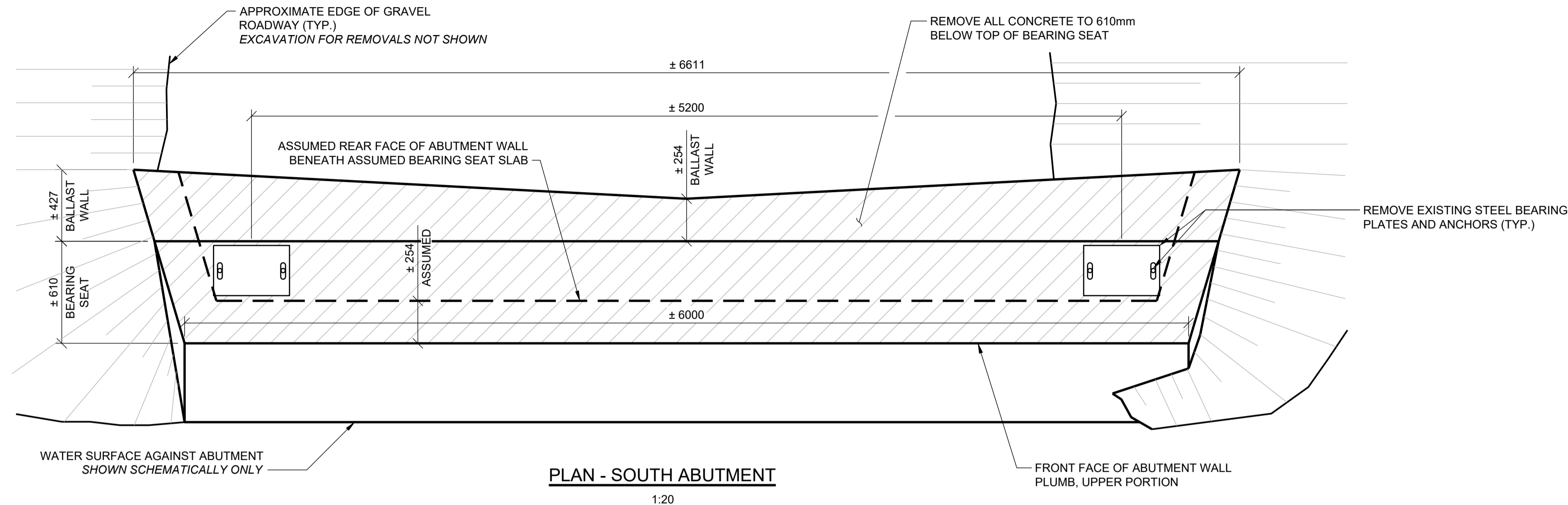
CLIENT CITY OF CLARENCE-ROCKLAND	
PROJECT TITLE COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT	
DRAWING TITLE NEW SUPERSTRUCTURE	

DATE: DECEMBER 2024
Dwn. J.B. Chk. T.D.
Scale: AS SHOWN
Des. T.D. Chk. J.P.
CONTRACT NO. 2025-001
SHEET 2 OF 11
DWG. NO. 03A



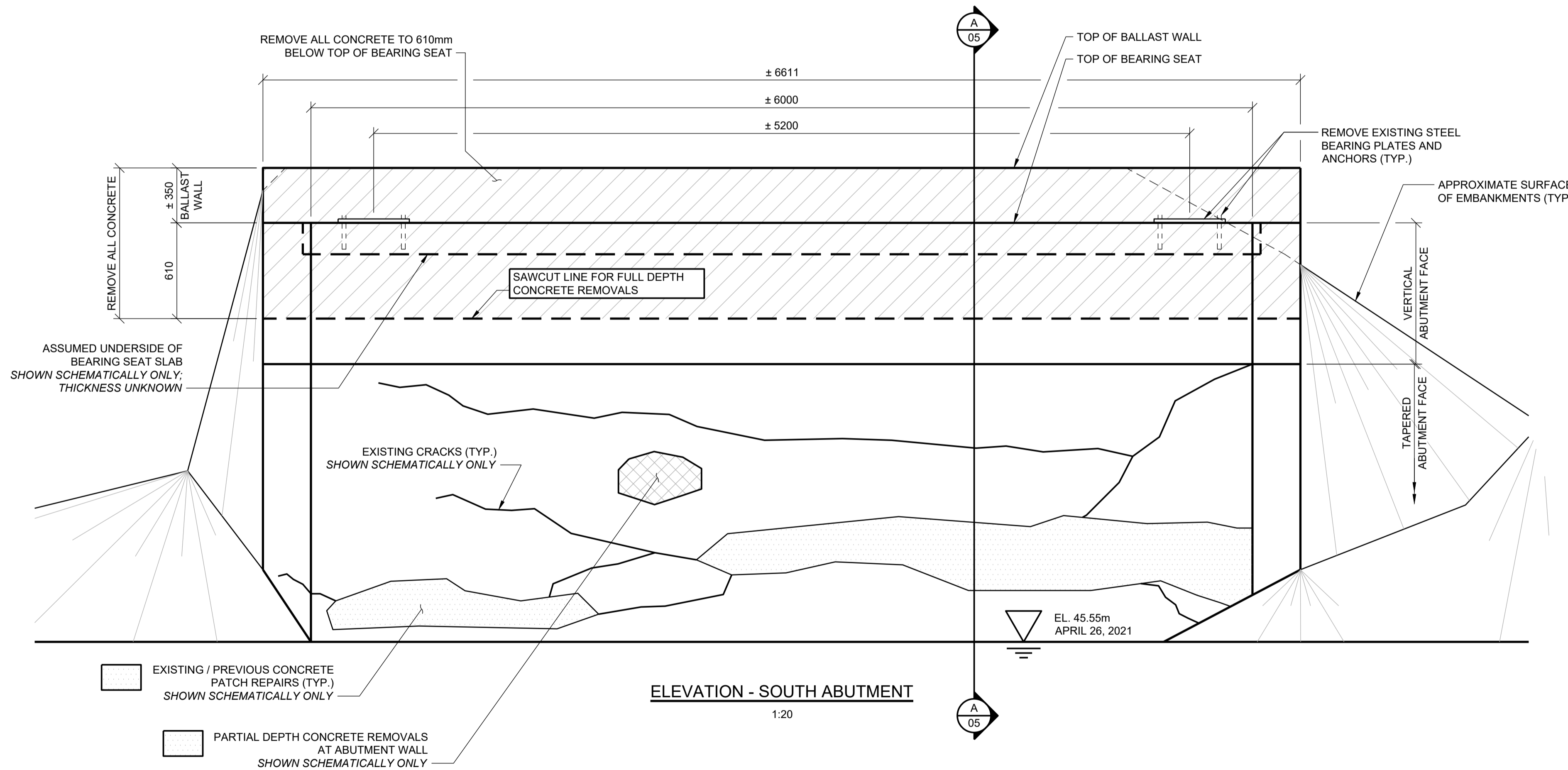
NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
2. ALL PARTIAL DEPTH REMOVALS SHALL BE DELINEATED WITH A 25mm SAW CUT.
3. EXISTING REINFORCING STEEL IS NOT DEPICTED. ALL EXISTING REINFORCING STEEL WITHIN THE LIMITS OF ANY FULL DEPTH CONCRETE REMOVALS SHALL BE CUT FLUSH AT THE CONCRETE REMOVAL LIMITS.
4. ALL EXISTING REINFORCING STEEL WITHIN PARTIAL DEPTH CONCRETE REMOVAL LIMITS SHALL BE MAINTAINED AND PROTECTED. REFER TO TYPICAL PARTIAL DEPTH CONCRETE REMOVAL DETAILS.
5. THE AVERAGE WATER LEVEL IN THE WATERCOURSE FLUCTUATES DUE TO SEASONAL FLOODING AND PERIODICALLY DUE TO RAIN EVENTS. THE WATER LEVEL SHOWN ON THIS DRAWING IS REPRESENTATIVE ONLY OF THE ELEVATION MEASURED ON THE DATE INDICATED AND MAY NOT REPRESENT THE ACTUAL WATER LEVEL DURING CONSTRUCTION.



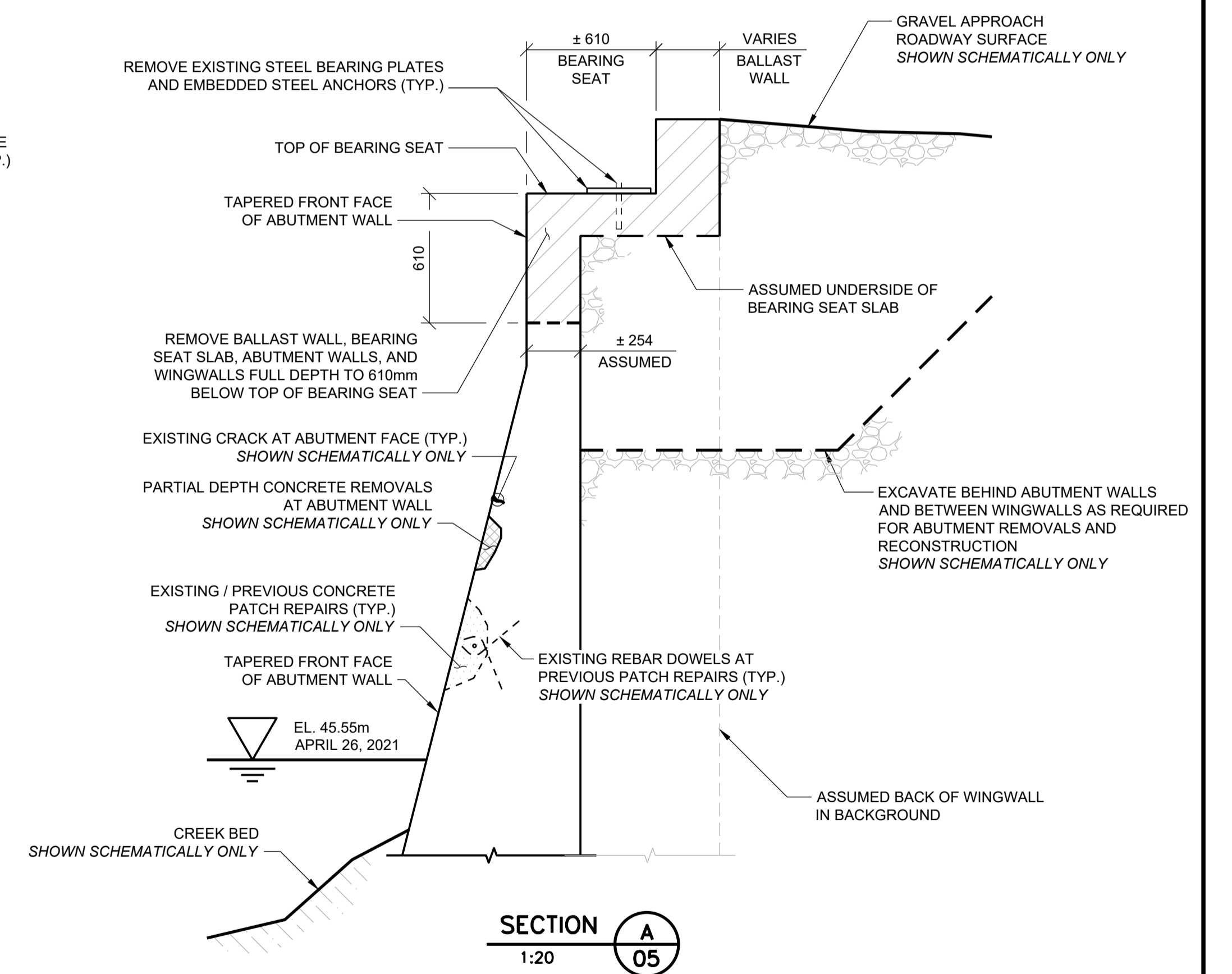
PLAN - SOUTH ABUTMENT

1:20



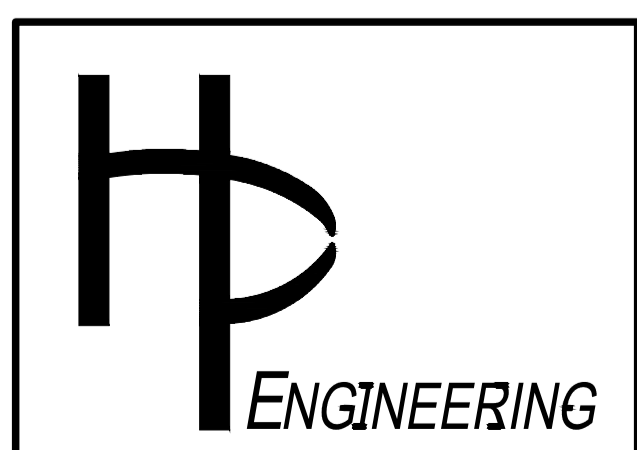
ELEVATION - SOUTH ABUTMENT

1:20

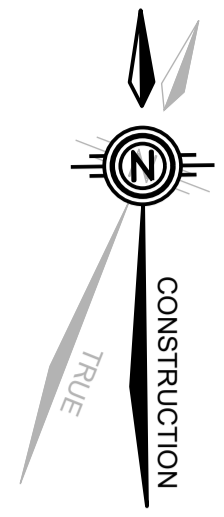


SECTION A-05

1:20



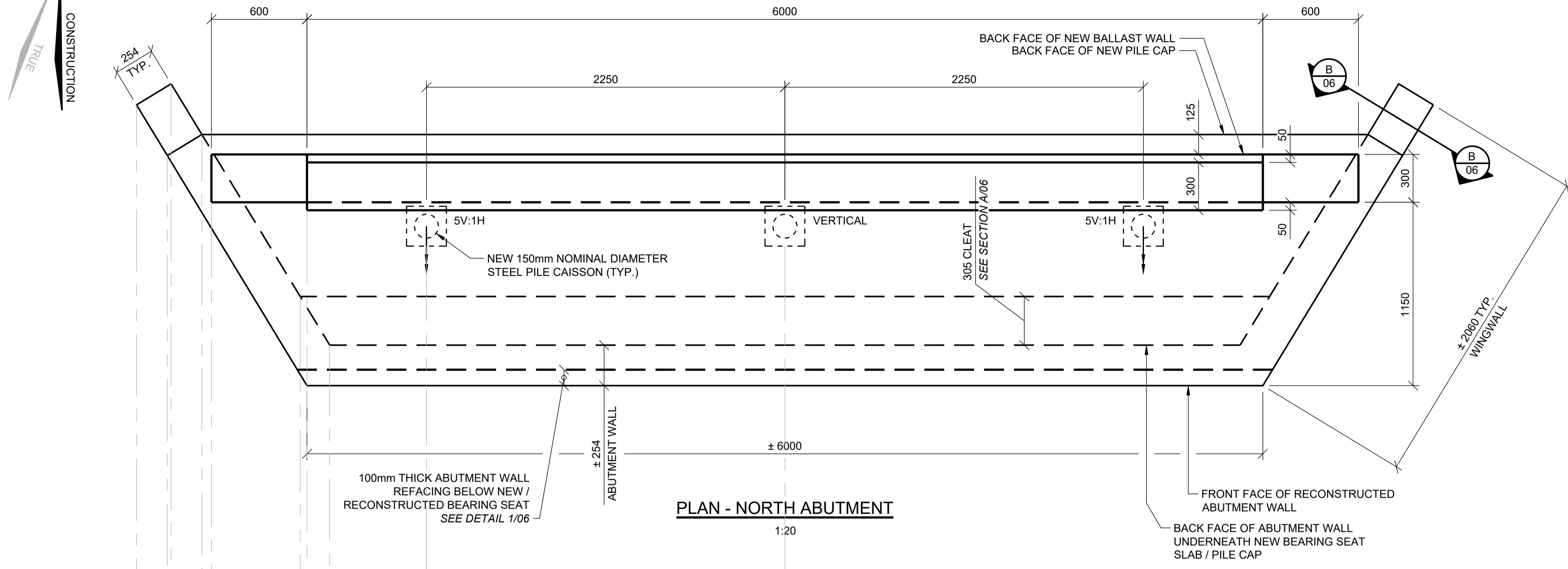
NO.	REVISION	BY	DATE	CLIENT	DATE: DECEMBER 2024
	ISSUED FOR TENDER	T.D.	24/12/18	CITY OF CLARENCE-ROCKLAND	Dwn. J.B. Chk. T.D.
				PROJECT TITLE	Scale: AS SHOWN
				COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT	Des. T.D. Chk. J.P.
				DRAWING TITLE	CONTRACT NO. 2025-001
				REMOVALS - SOUTH ABUTMENT	SHEET 5 OF 11
					DWG. NO. 05A



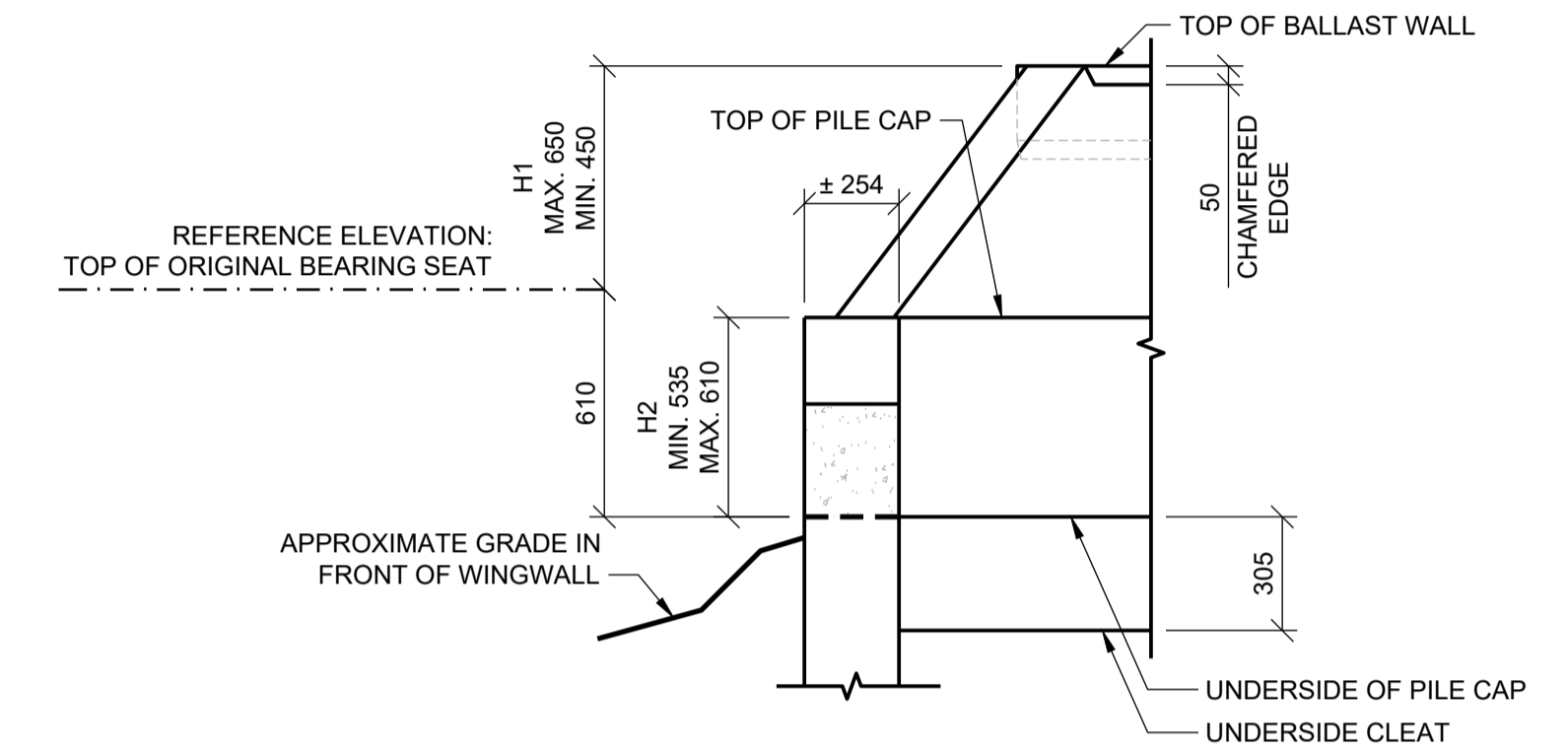
NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
- ABUTMENT RECONSTRUCTION DIMENSIONS ARE SHOWN FOR BIDDING PURPOSES AND WILL BE FINALIZED BY HP ENGINEERING AFTER APPROVING THE STEEL SUPERSTRUCTURE DESIGN DRAWINGS DEVELOPED BY THE PREFERRED BIDDER (I.E. THE CONTRACTOR) AFTER AWARD OF THE CONTRACT. SOME DIMENSIONS ARE INDICATED AS HAVING A RANGE OF ALLOWABLE VALUES. THE BRIDGE SUPERSTRUCTURE SHALL BE DESIGNED TO FALL WITHIN ANY DIMENSIONAL RANGES DEPICTED.
- NEW GROUTED STEEL CAISSON PILES:
 - 150 mm NOMINAL DIAMETER STEEL CAISSONS WITH 10 mm NOMINAL WALL THICKNESS; LEAVE IN-PLACE AFTER GROUTING
 - DRILLED AND SOCKETED MINIMUM 900mm INTO SOUND BEDROCK AND CUT AT THE TOP TO THE FINAL INDICATED ELEVATIONS.
 - FULLY FILLED WITH TREMIE GROUT LEVELED TO THE TOP OF THE CAISSON
 - CAISSONS CAPPED AT TOP WITH MINIMUM 250 mm x 250 mm x 12.5 mm NOMINAL THICKNESS PERIMETER-WELDED STEEL PLATES
 - FOR BIDDING PURPOSES, ASSUME 11.0 m LONG CAISSONS, INCLUDING SOCKETED ENDS INTO BEDROCK.
 - MINIMUM ULS (ULTIMATE LIMITS STATES) FACTORED RESISTANCE PER PILE = 400 kN
 - STEEL GRADE 350W TO CSA G40.20 OR APPROVED EQUIVALENT

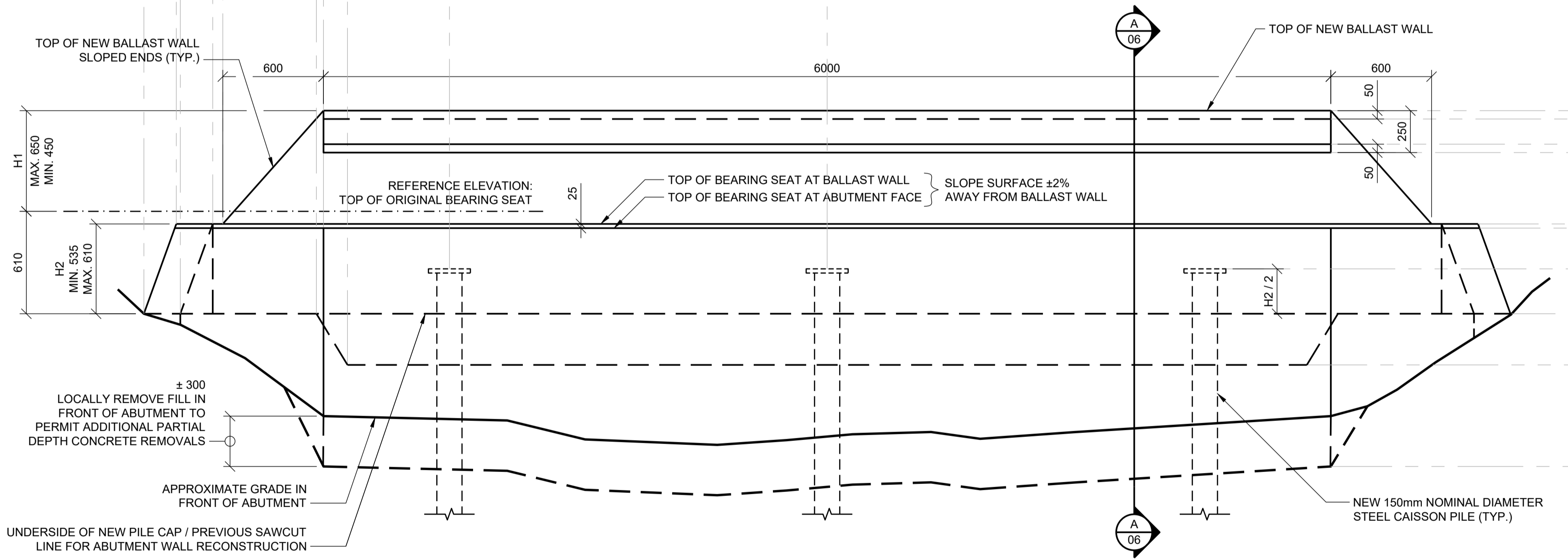
C.J. OPTIONAL / PERMITTED CONSTRUCTION JOINTS



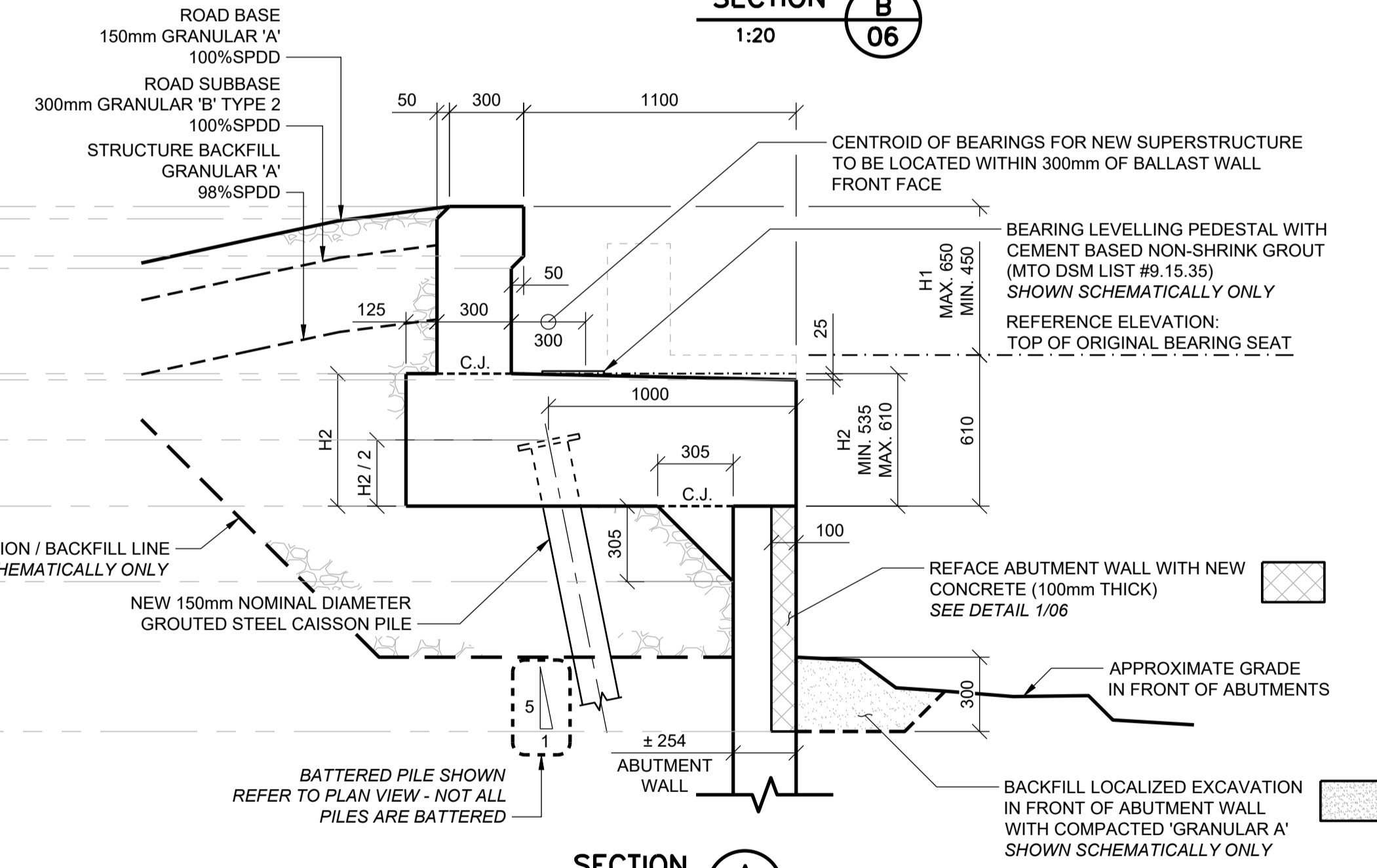
PLAN - NORTH ABUTMENT
1:20



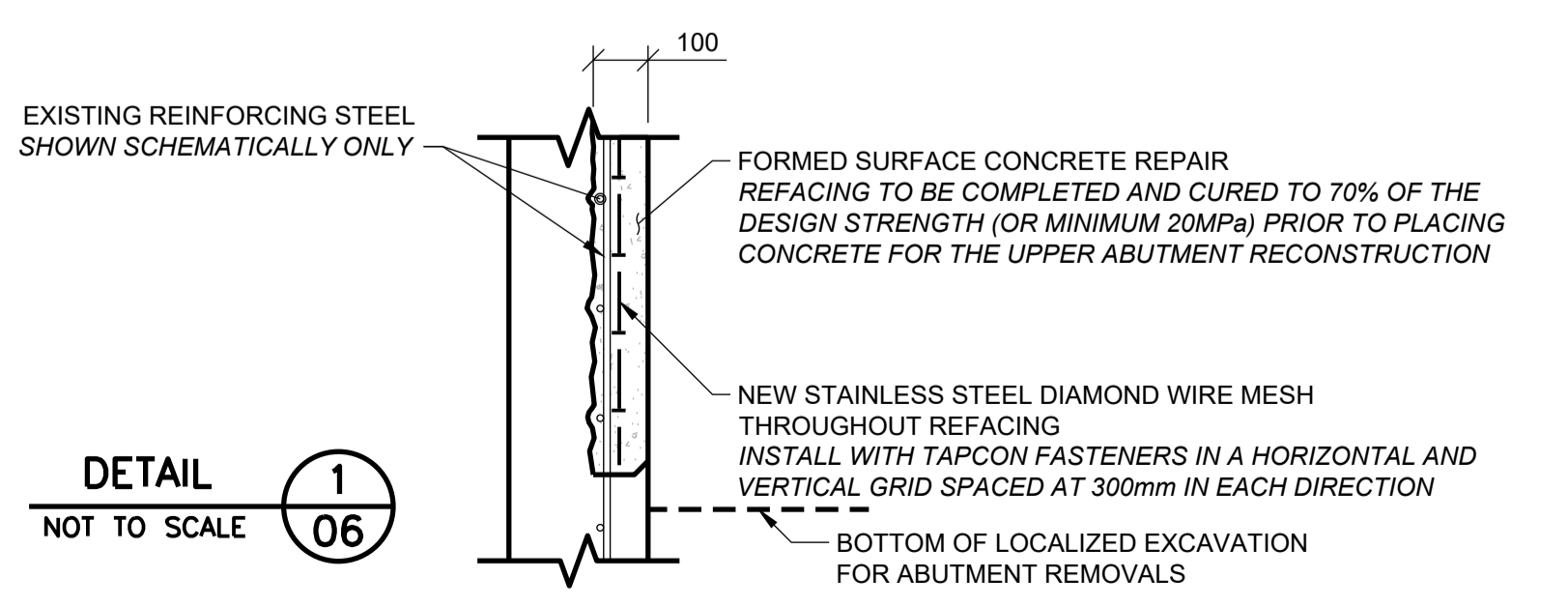
SECTION B 06
1:20



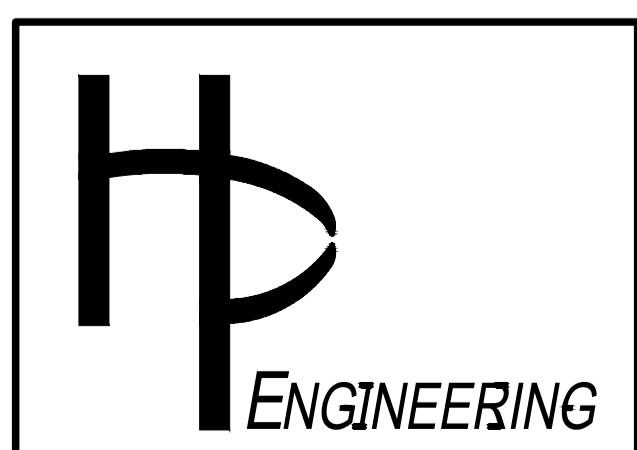
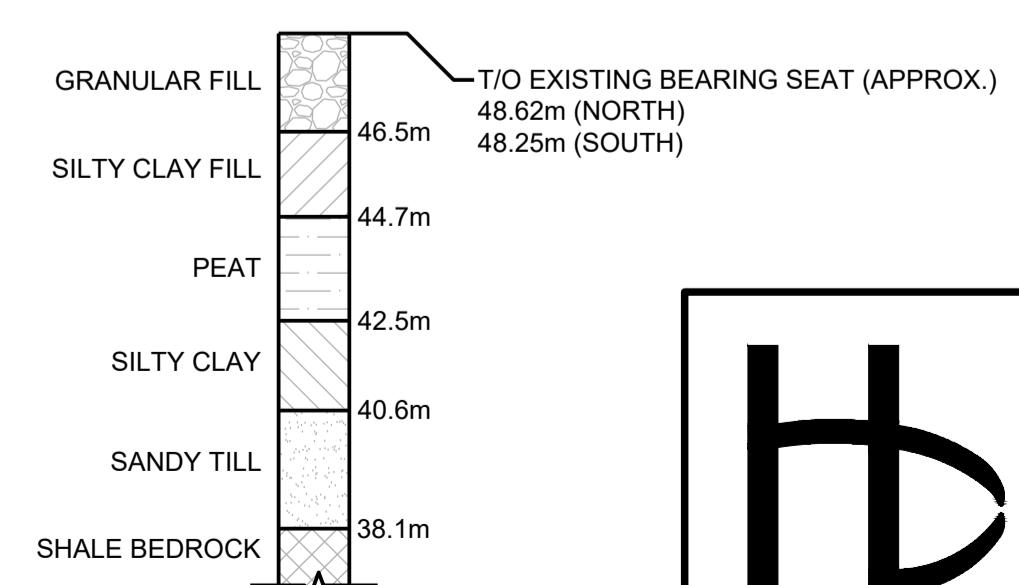
ELEVATION - NORTH ABUTMENT
1:20



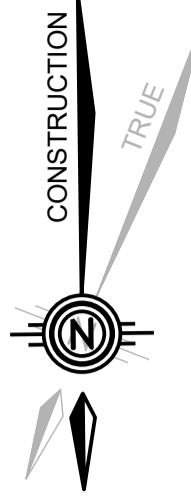
SECTION A 06
1:20



DETAIL 1 06
NOT TO SCALE



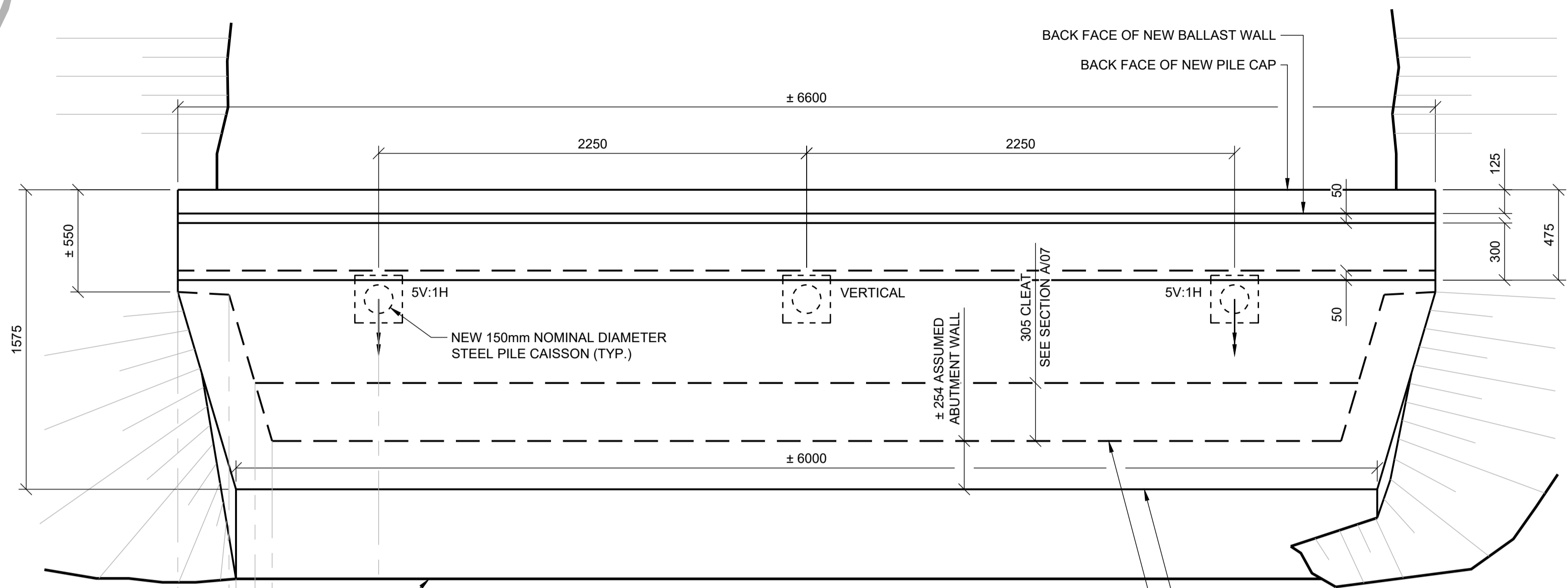
NO.	REVISION	BY	DATE	CLIENT	DATE: DECEMBER 2024
	ISSUED FOR TENDER	T.D.	24/12/18	CITY OF CLARENCE-ROCKLAND	Dwn. J.B. Chk. T.D.
				PROJECT TITLE	Scale: AS SHOWN
				COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT	Des. T.D. Chk. J.P.
				DRAWING TITLE	CONTRACT NO. 2025-001
				RECONSTRUCTION - DIMENSIONAL NORTH ABUTMENT	SHEET 6 OF 11
					DWG. NO. 06A



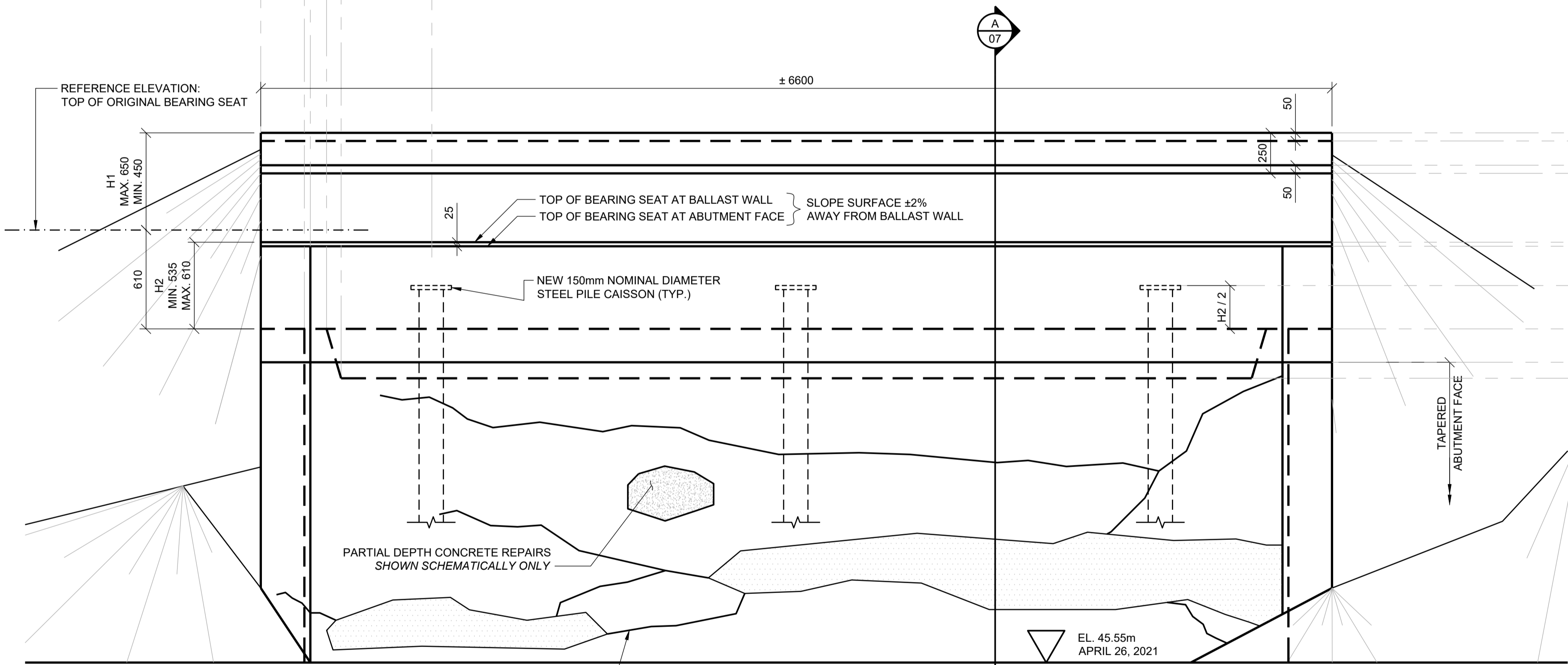
NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
- ABUTMENT RECONSTRUCTION DIMENSIONS ARE SHOWN FOR BIDDING PURPOSES AND WILL BE FINALIZED BY HP ENGINEERING AFTER APPROVING THE STEEL SUPERSTRUCTURE DESIGN DRAWINGS DEVELOPED BY THE PREFERRED BIDDER (I.E. THE CONTRACTOR) AFTER AWARD OF THE CONTRACT. SOME DIMENSIONS ARE INDICATED AS HAVING A RANGE OF ALLOWABLE VALUES. THE BRIDGE SUPERSTRUCTURE SHALL BE DESIGNED TO FALL WITHIN ANY DIMENSIONAL RANGES DEPICTED.
- NEW GROUTED STEEL CAISSON PILES:
 - 150 mm NOMINAL DIAMETER STEEL CAISSONS WITH 10 mm NOMINAL WALL THICKNESS; LEAVE IN-PLACE AFTER GROUTING
 - DRILLED AND SOCKETED MINIMUM 900mm INTO SOUND BEDROCK AND CUT AT THE TOP TO THE FINAL INDICATED ELEVATIONS.
 - FULLY FILLED WITH TREMIE GROUT LEVELED TO THE TOP OF THE CAISSON
 - CAISSONS CAPPED AT TOP WITH MINIMUM 250 mm x 250 mm x 12.5 mm NOMINAL THICKNESS PERIMETER-WELDED STEEL PLATES
 - FOR BIDDING PURPOSES, ASSUME 11.0 m LONG CAISSONS, INCLUDING SOCKETED ENDS INTO BEDROCK.
 - MINIMUM ULS (ULTIMATE LIMITS STATES) FACTORED RESISTANCE PER PILE = 400 kN
 - STEEL GRADE 350W TO CSA G40.20 OR APPROVED EQUIVALENT

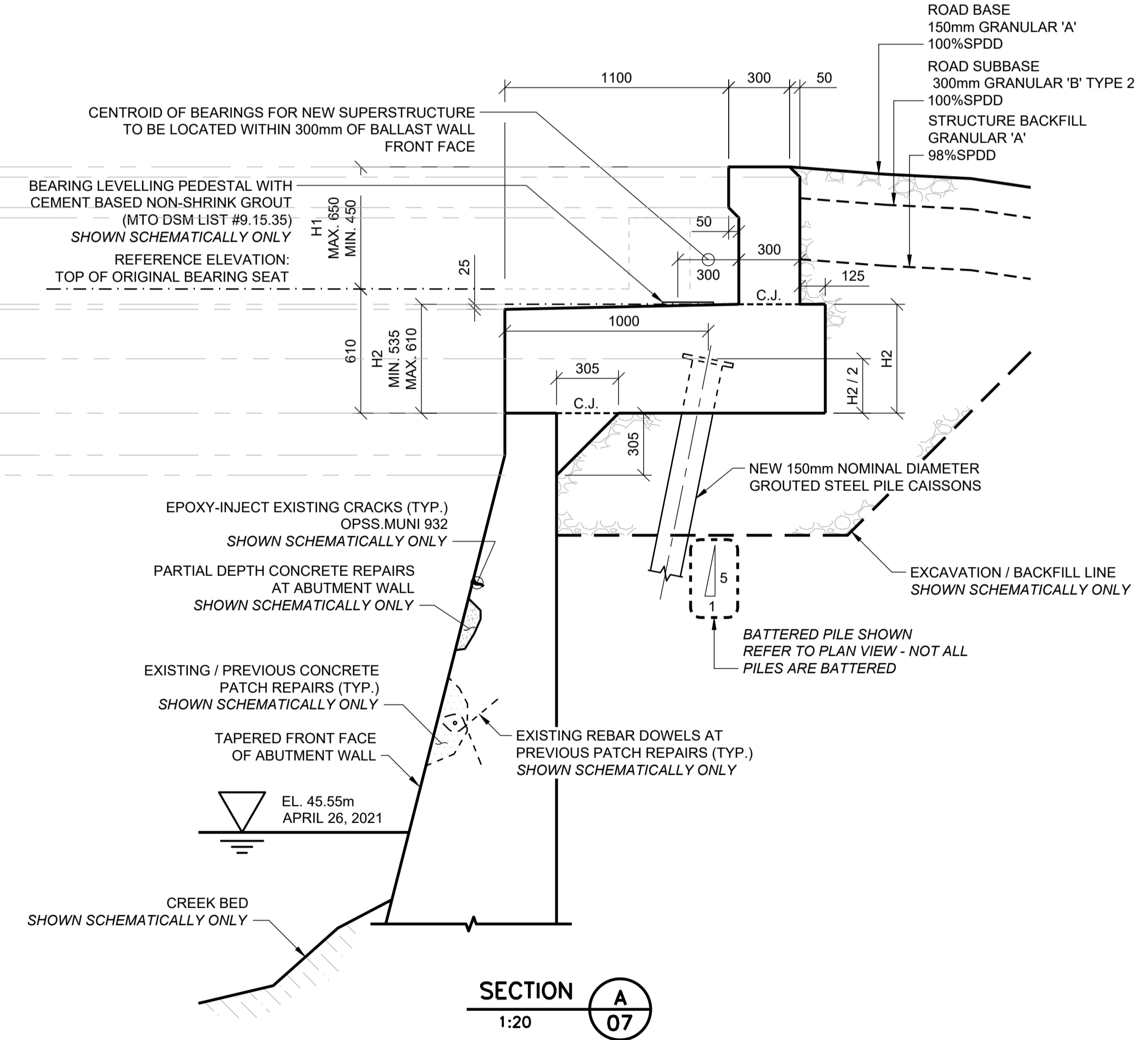
C.J. OPTIONAL / PERMITTED CONSTRUCTION JOINTS



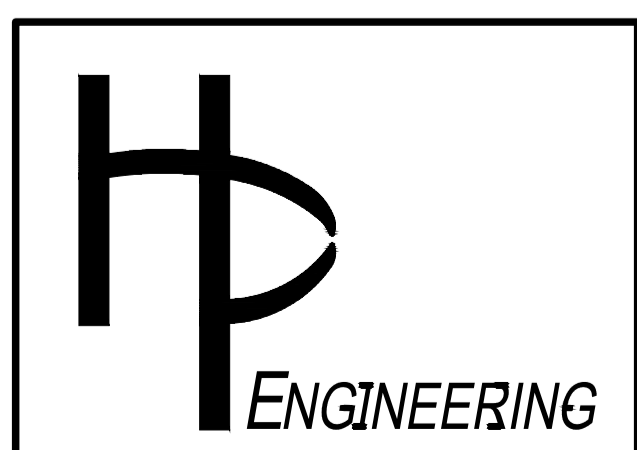
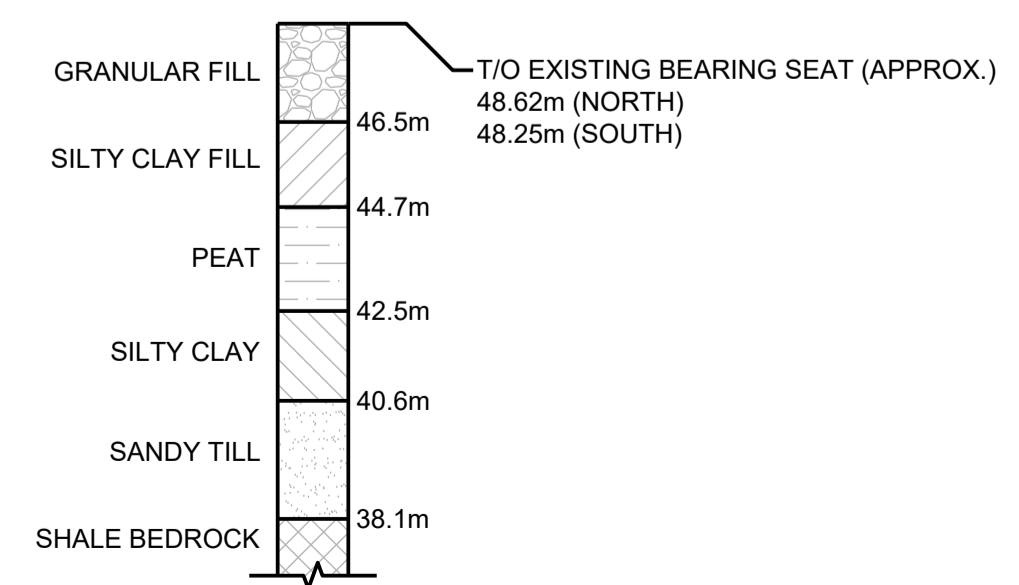
PLAN - SOUTH ABUTMENT
1:20



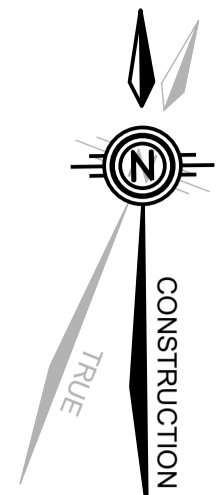
ELEVATION - SOUTH ABUTMENT
1:20



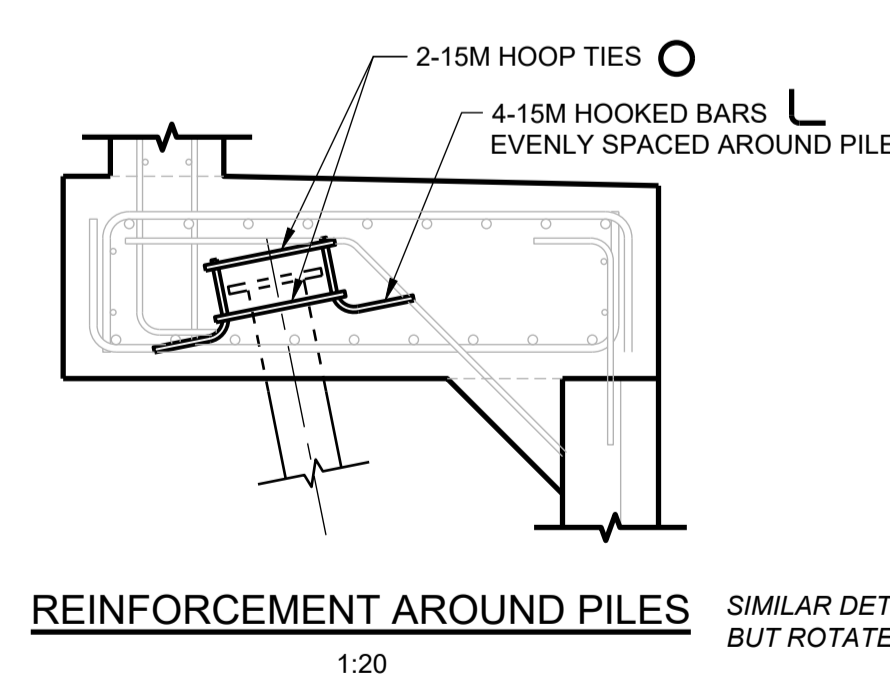
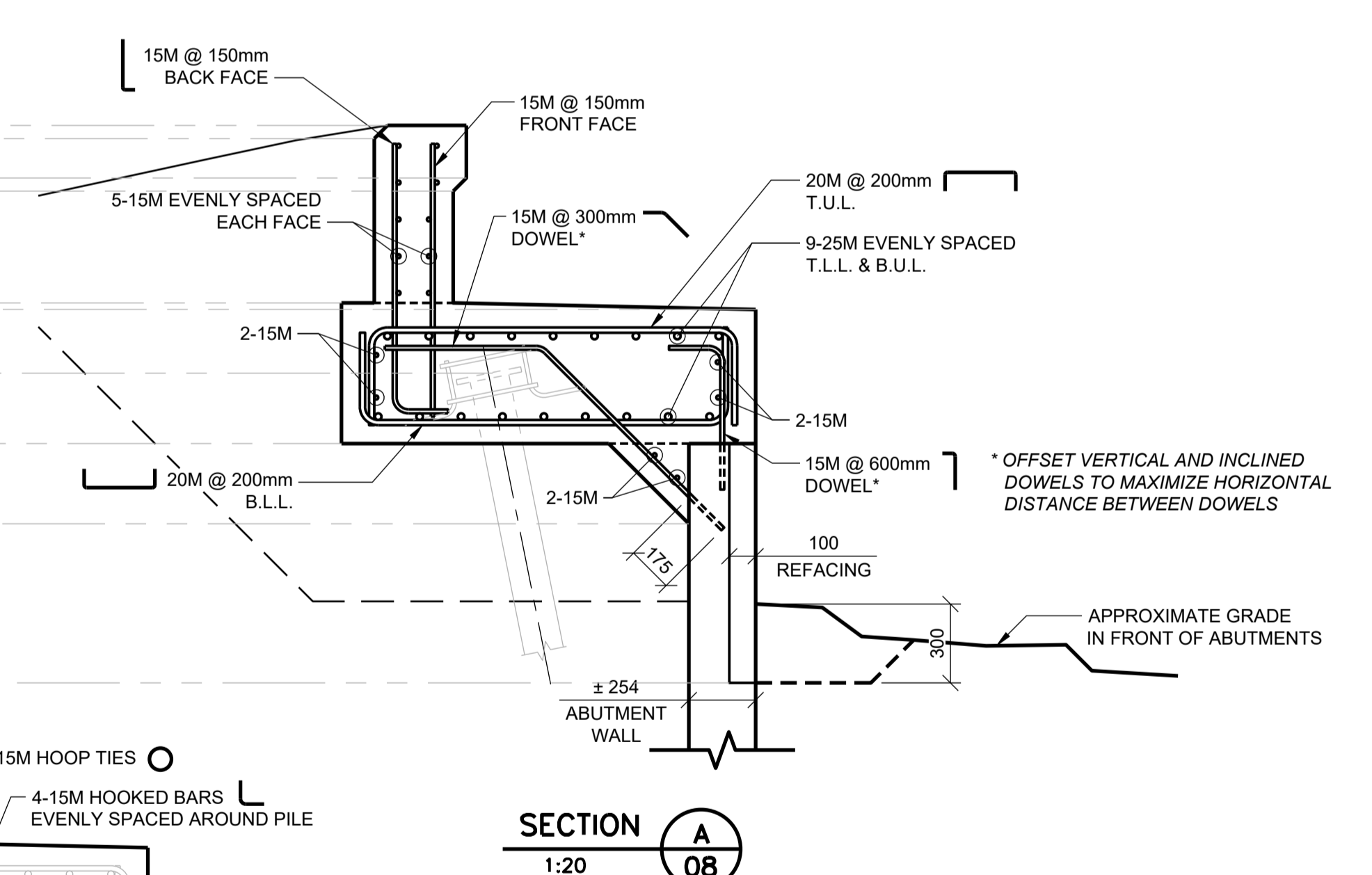
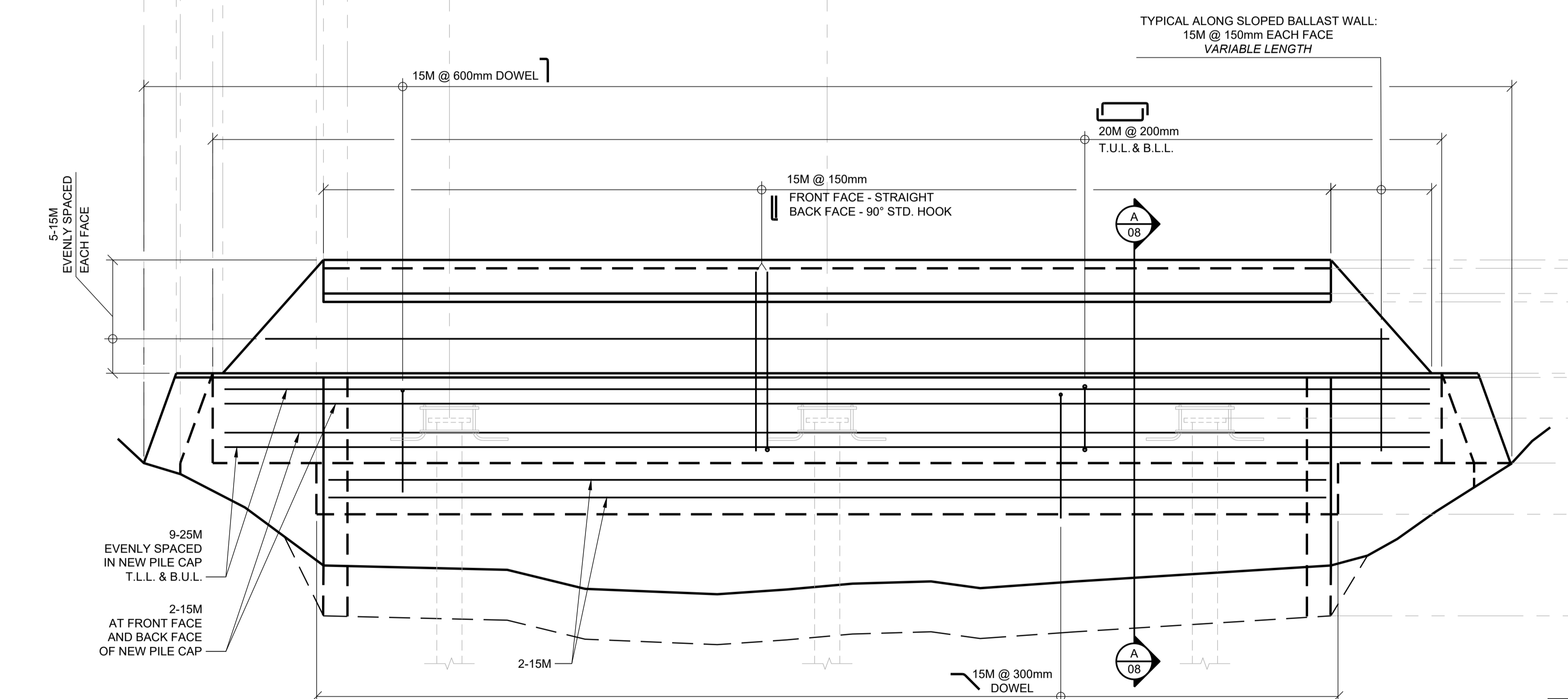
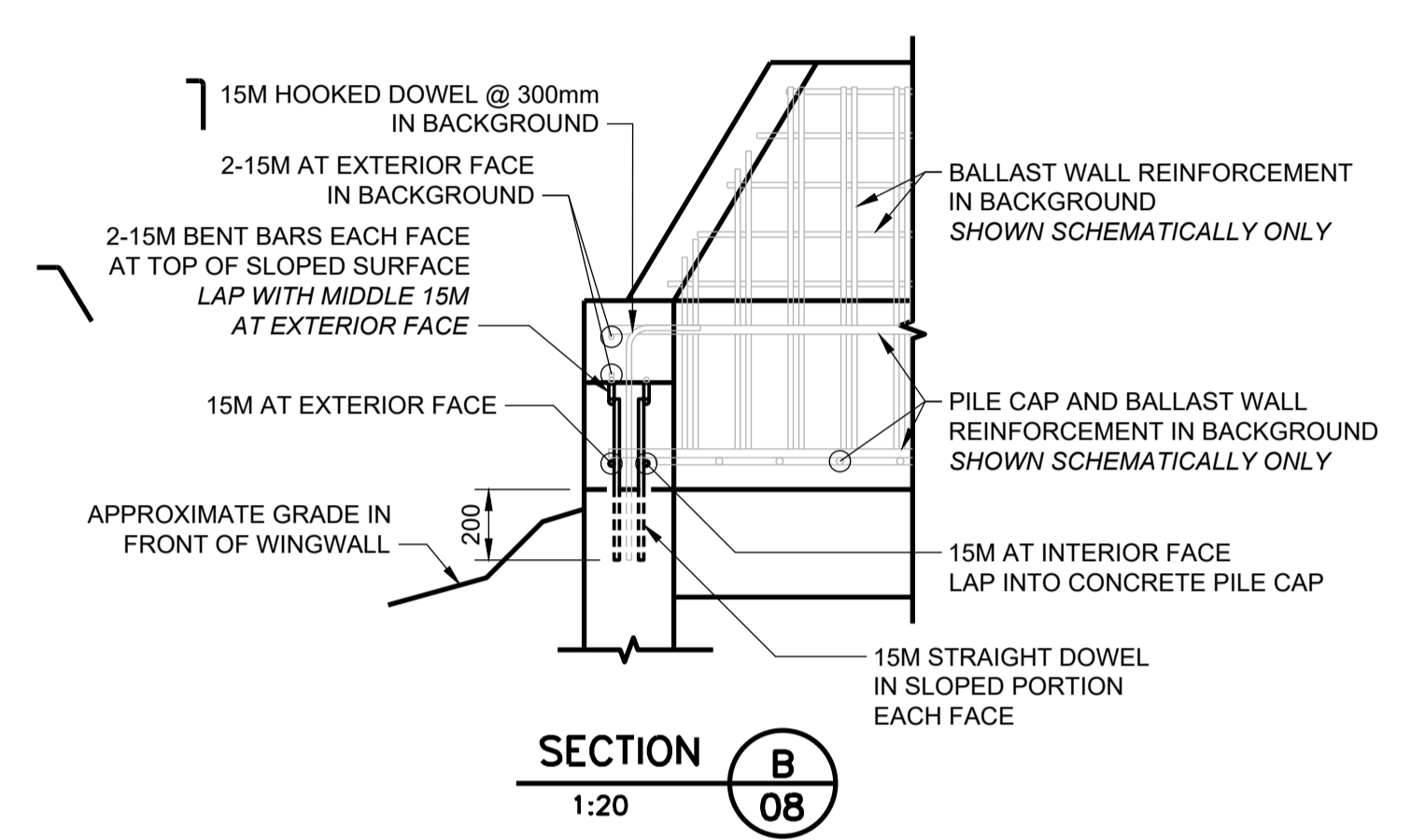
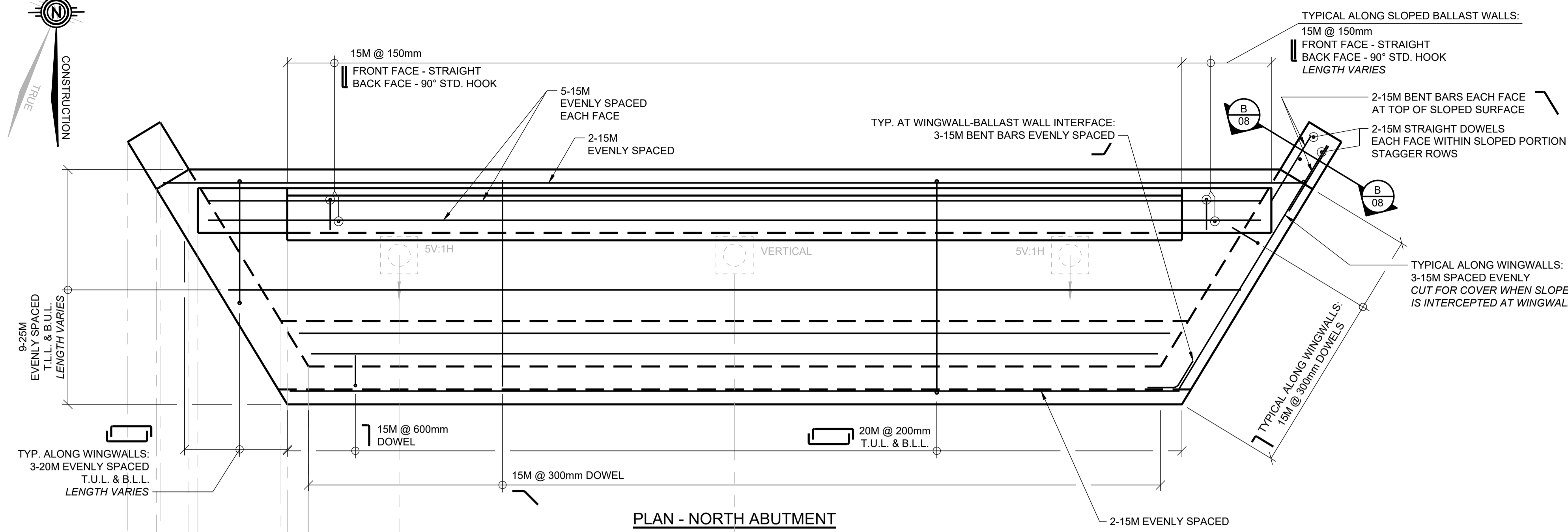
SECTION A-07
1:20



NO.	REVISION	BY	DATE	CLIENT	DATE: DECEMBER 2024
1	ISSUED FOR TENDER	T.D.	24/12/18	CITY OF CLARENCE-ROCKLAND	Dwn. J.B. Chk. T.D.
				PROJECT TITLE	Scale: AS SHOWN
				COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT	Des. T.D. Chk. J.P.
				DRAWING TITLE	CONTRACT NO. 2025-001
				RECONSTRUCTION - DIMENSIONAL SOUTH ABUTMENT	SHEET 7 OF 11
					DWG. NO. 07A



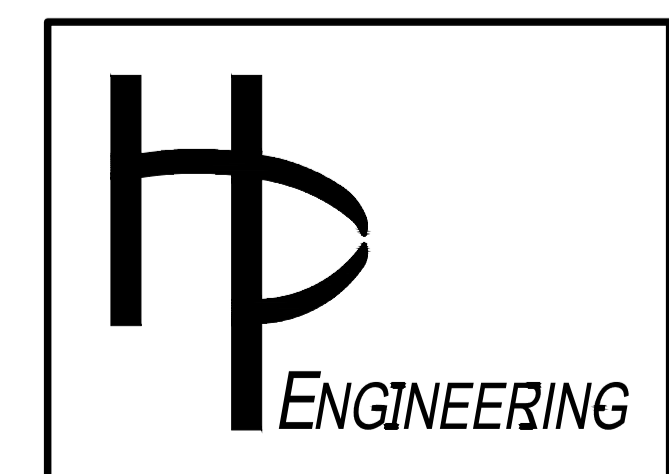
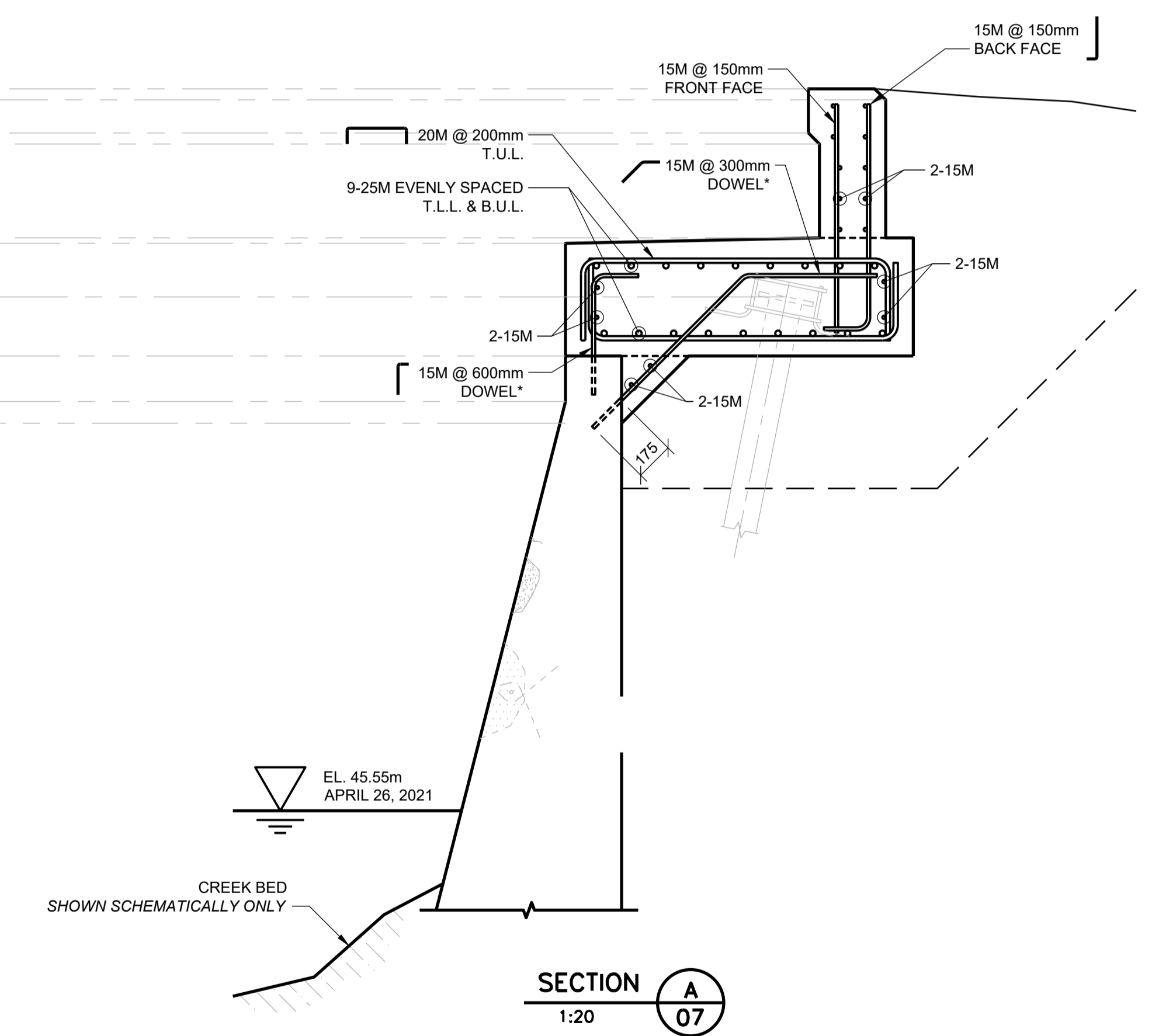
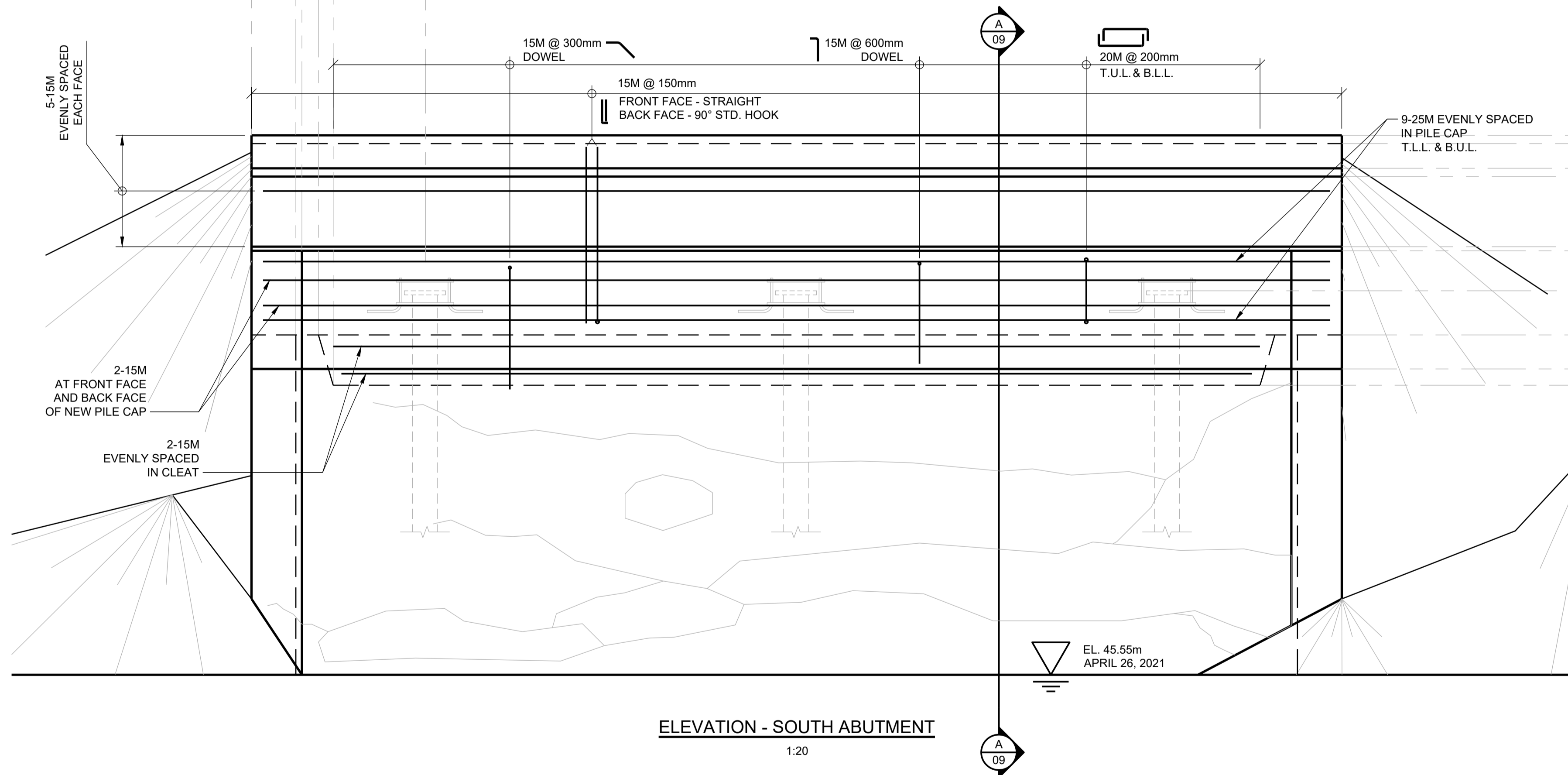
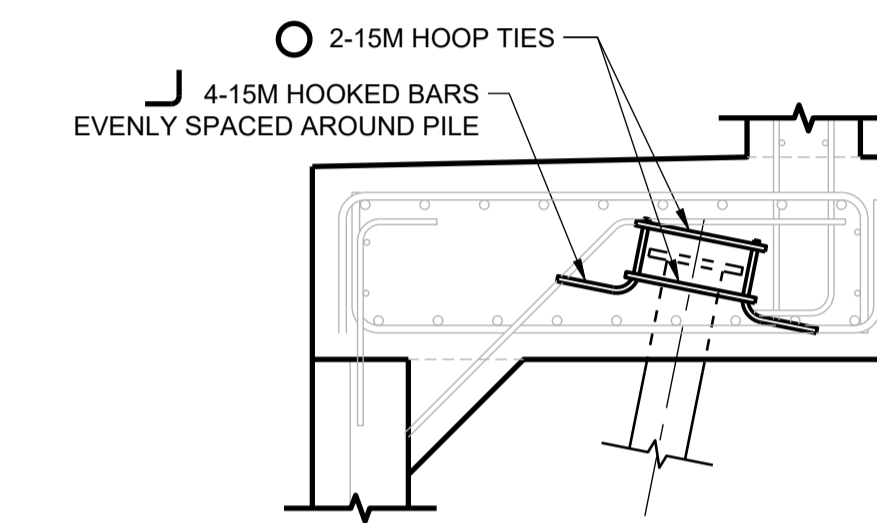
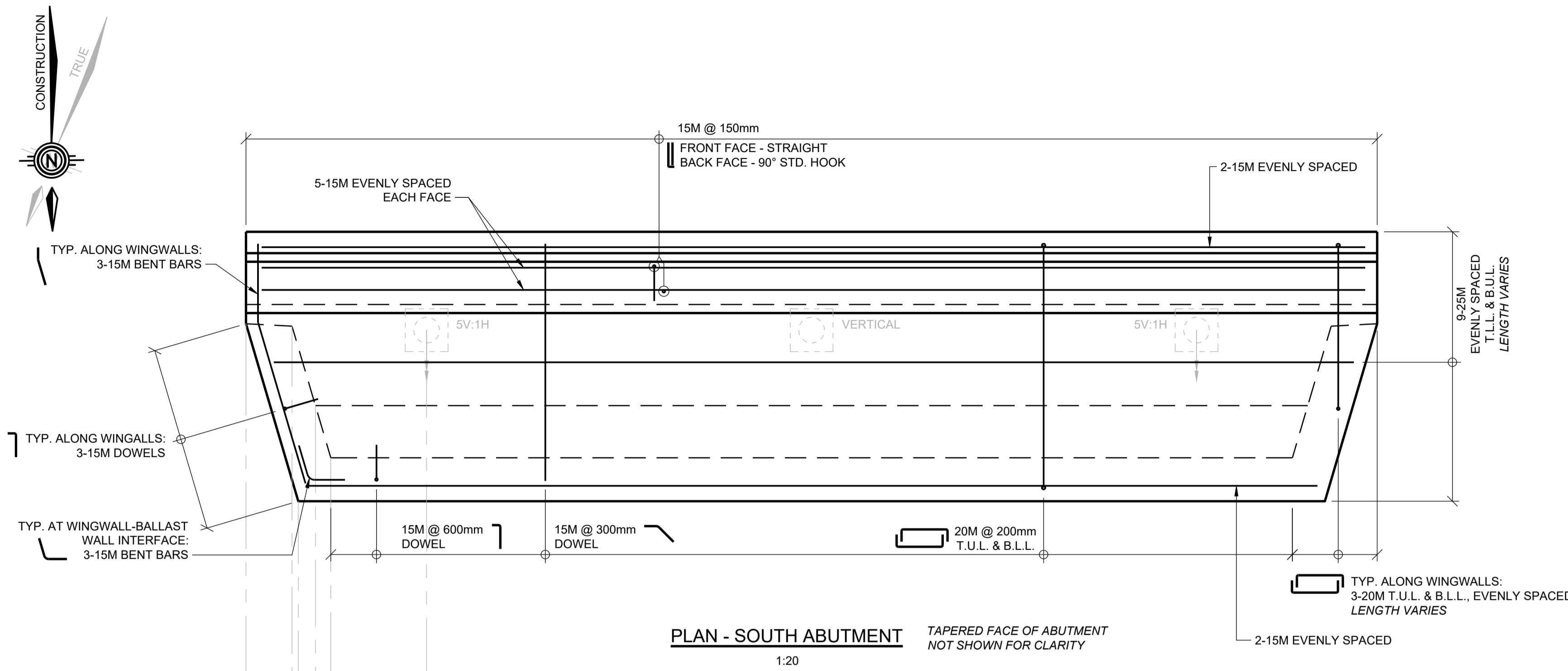
- NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
 - ALL DOWELS SHALL BE DRILLED AND SET WITH AN APPROVED EPOXY ADHESIVE. MINIMUM EMBEDMENT LENGTH SHALL BE 200mm UNLESS NOTED OTHERWISE.



		NO.	REVISION	BY	DATE	CLIENT	DATE: DECEMBER 2024
			ISSUED FOR TENDER	T.D.	24/12/18	CITY OF CLARENCE-ROCKLAND	Dwn. J.B. Chk. T.D.
						PROJECT TITLE	Scale: AS SHOWN
						COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT	Des. T.D. Chk. J.P.
				DRAWING TITLE	CONTRACT NO.	SHEET 8 OF 11	DWG. NO.
				RECONSTRUCTION - REINFORCEMENT NORTH ABUTMENT	2025-001		08A

NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
2. ALL DOWELS SHALL BE DRILLED AND SET WITH AN APPROVED EPOXY ADHESIVE. MINIMUM EMBEDMENT LENGTH SHALL BE 200mm UNLESS NOTED OTHERWISE.



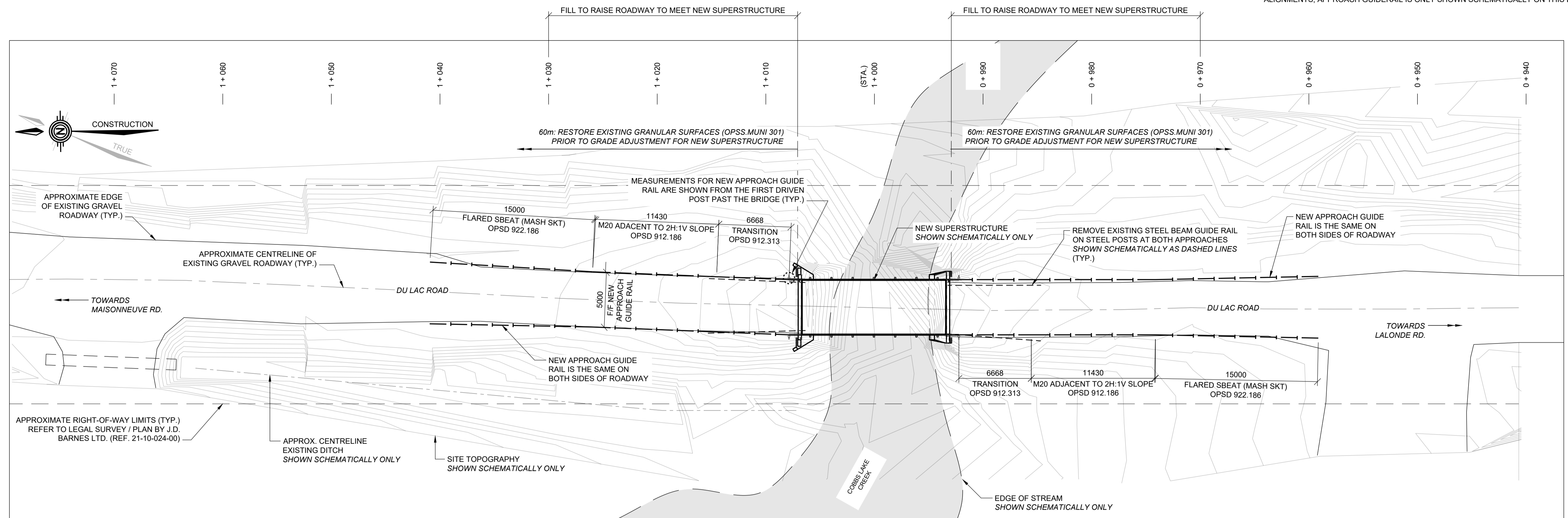
NO.	REVISION	BY	DATE
1	ISSUED FOR TENDER	T.D.	24/12/18

CLIENT	CITY OF CLARENCE-ROCKLAND
PROJECT TITLE	COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT
DRAWING TITLE	RECONSTRUCTION - REINFORCEMENT SOUTH ABUTMENT

DATE: DECEMBER 2024
Dwn. J.B. Chk. T.D.
Scale: AS SHOWN
Des. T.D. Chk. J.P.
CONTRACT NO. 2025-001
SHEET 9 OF 11
DWG. NO. 09A

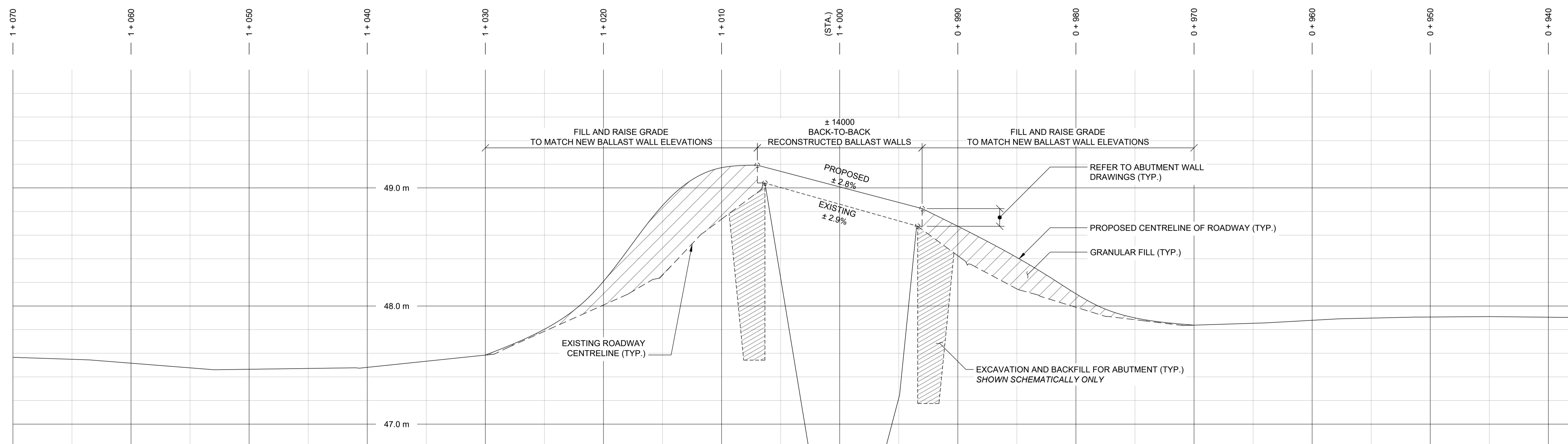
NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
2. THE CONTRACT ADMINISTRATOR SHALL REVIEW AND APPROVE THE CONTRACTOR'S DELINEATION OF APPROACH GUIDE RAIL PRIOR TO MOBILIZATION OF INSTALLATION EQUIPMENT AND LABOUR FORCES. SOME ADJUSTMENTS MAY BE REQUIRED TO MATCH EXISTING ROADWAY ALIGNMENTS, APPROACH GUIDERAIL IS ONLY SHOWN SCHEMATICALLY ON THIS DRAWING.



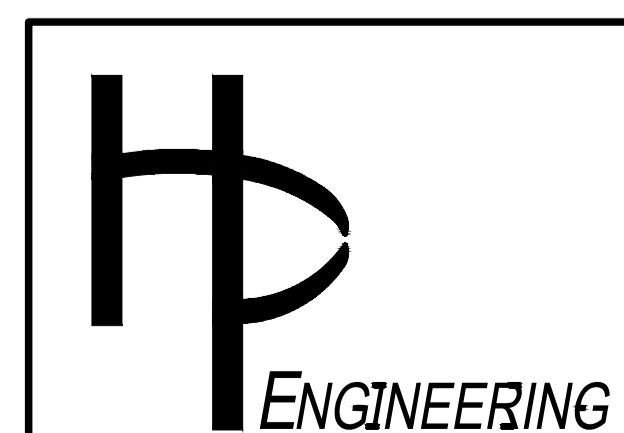
PLAN - ROADWAY WORKS AT STRUCTURE

1:200



PROFILE - ROADWAY CENTRELINE

1:200 H

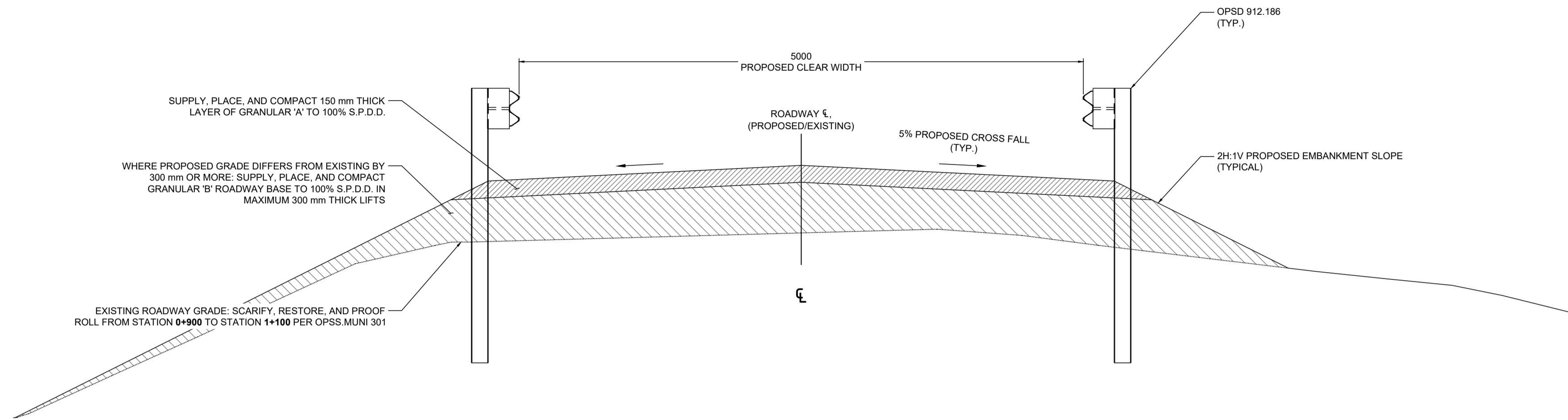


NO.	REVISION	BY	DATE
1	ISSUED FOR TENDER	T.D.	24/12/18

CLIENT		DATE: DECEMBER 2024	
CITY OF CLARENCE-ROCKLAND		Dwn.	Chk. T.D.
PROJECT TITLE		Scale: AS SHOWN	
COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT		Des.	Chk. J.P.
DRAWING TITLE		CONTRACT NO. 2025-001	
ROADWAY - PLAN & PROFILE		SHEET 10 OF 11	
		DWG. NO. 10A	

NOTES:

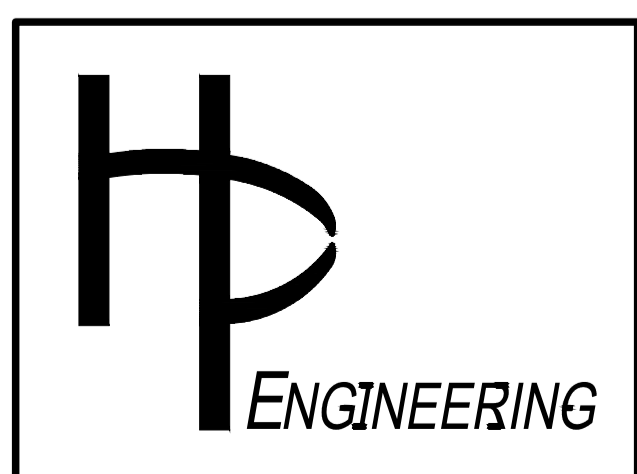
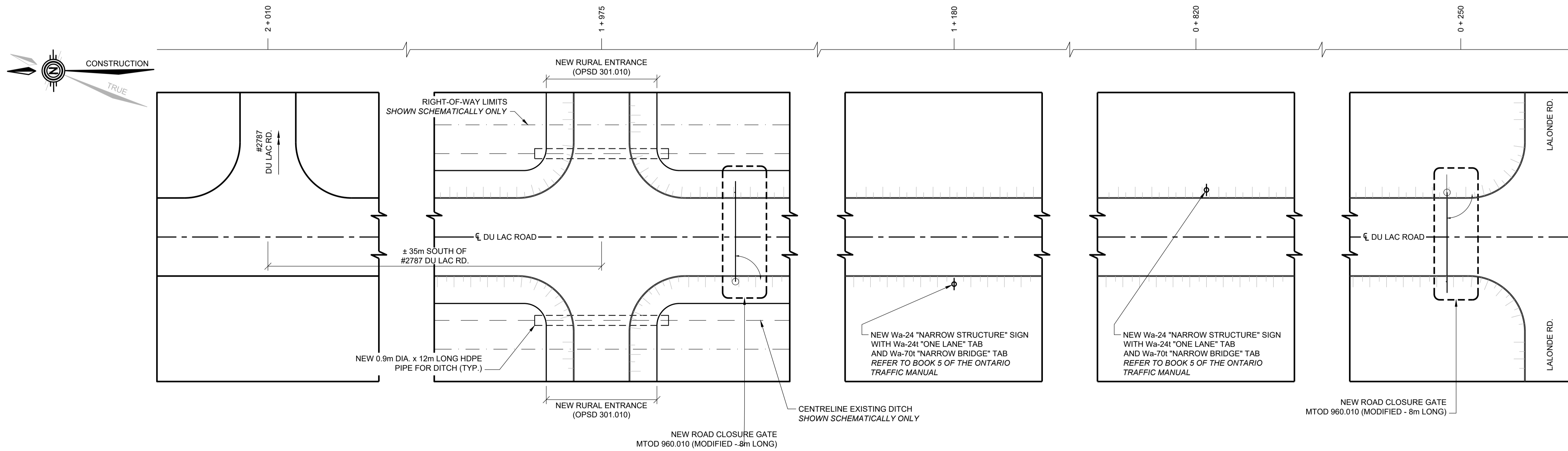
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
2. COORDINATE WITH THE CONTRACT ADMINISTRATOR DURING CONSTRUCTION TO REVIEW AND APPROVE THE LOCATION OF ALL NEW SIGN AND GATE INSTALLATIONS.
3. OBTAIN EXPLICIT WRITTEN APPROVAL FROM THE CITY OF CLARENCE-ROCKLAND PRIOR TO ENCROACHING PAST RIGHT-OF-WAY LIMITS (AS MAY BE REQUIRED FOR NEW ENTRANCES). COORDINATE WITH THE CONTRACT ADMINISTRATOR DURING CONSTRUCTION TO OBTAIN APPROVAL AND PRIOR TO THE DELIVERY OF ANY MATERIALS OR EQUIPMENT TO COMPLETE THE WORK.



TYPICAL ROADWAY CROSS-SECTION
1:30

DRAWING NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER APPLICABLE CONTRACT DOCUMENTS.
2. ALL UNITS ARE IN MILLIMETRES AND ELEVATIONS IN METRES UNLESS SPECIFIED OTHERWISE.
3. BOTH ROADWAY CLOSURE GATES SHOWN SHALL BE CUSTOM FABRICATED TO 8.0 m OVERALL LENGTH (AS OPPOSED TO 9.0 m AS SHOWN IN THE MTOD 960.101 DRAWING).



NO.	REVISION	BY	DATE
	ISSUED FOR TENDER	T.D.	24/12/18

CLIENT CITY OF CLARENCE-ROCKLAND	
PROJECT TITLE COBBS LAKE BRIDGE (STRUCTURE 09) SUPERSTRUCTURE REPLACEMENT	
DRAWING TITLE ROADWAY - DETAILS	

DATE: DECEMBER 2024	
Dwn. J.B.	Chk. T.D.
Scale: AS SHOWN	
Des. T.D.	Chk. J.P.
CONTRACT NO. 2025-001	
SHEET 11 OF 11	
DWG. NO. 11A	