

EAGLE MOUNTAIN – WOODFIBRE PIPELINE PROJECT ENGINEERING DESIGN DRAWING PACKAGE



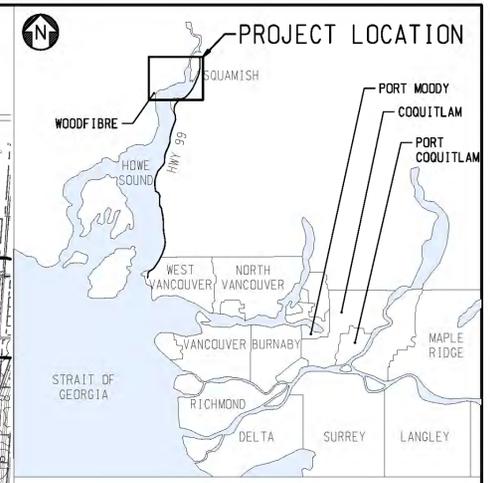
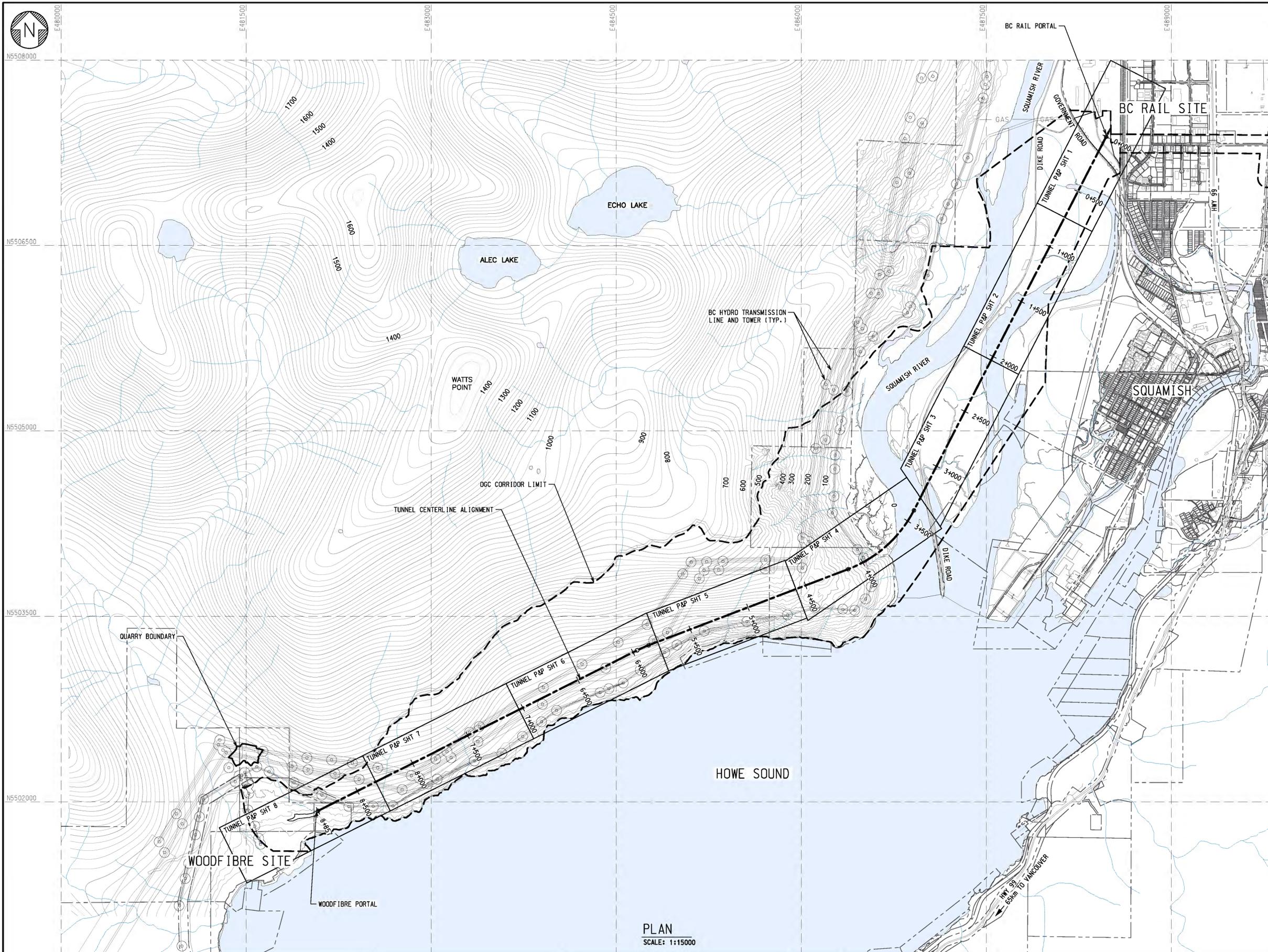
KEY MAP

APDU 2.6 DRAWING LIST:

DRAWING NUMBER	DRAWING TITLE
TUNNEL ALIGNMENT	
62034-X-010-2006-RO	COVER SHEET AND DRAWING LIST - ADVANCED PARTIAL DESIGN UNIT 2.6
62034-C-100-2003-RO	TUNNEL ALIGNMENT KEY PLAN
62034-C-100-2020-RO	TUNNEL PLAN AND PROFILE - SHEET 1
62034-C-100-2021-RO	TUNNEL PLAN AND PROFILE - SHEET 2
62034-C-100-2022-RO	TUNNEL PLAN AND PROFILE - SHEET 3
62034-C-100-2023-RO	TUNNEL PLAN AND PROFILE - SHEET 4
62034-C-100-2024-RO	TUNNEL PLAN AND PROFILE - SHEET 5
62034-C-100-2025-RO	TUNNEL PLAN AND PROFILE - SHEET 6
62034-C-100-2026-RO	TUNNEL PLAN AND PROFILE - SHEET 7
62034-C-100-2027-RO	TUNNEL PLAN AND PROFILE - SHEET 8

ISSUED FOR CONSTRUCTION
2022-06-24

										EGP NORTH 610 TP PIPELINE	
		ALDEA	RO	ISSUED FOR CONSTRUCTION	R. JIANG	A. DELAMO	B. YANG			2022-06-24	COVER SHEET AND DRAWING LIST ADVANCED PARTIAL DESIGN UNIT 2.6
		BY	No.	REVISION	DRAWN	DESIGNED	CHECKED	DATE (YYYY-MM-DD)			
					PREVIOUS DR. NO. -			SCALE - NTS	PERMIT TO PRACTICE No. 1001642	ENGINEER SEAL	DRAWING NUMBER 62034-X-010-2006-RO



- MAPPING LEGEND:**
- 100 TOPOGRAPHIC CONTOURS
 - WATERCOURSE
 - GOVERNMENT ROAD
 - ROADWAY
 - PROPERTY BOUNDARY
 - BC RAILWAY
 - OGC CORRIDOR LIMIT
 - EXISTING FENCE LINE
 - STM EXISTING STORM WATER LINE
 - OH EXISTING OVERHEAD HYDRO LINE
 - UE EXISTING UNDERGROUND HYDRO LINE
 - GAS EXISTING NATURAL GAS LINE
 - BUILDING/STRUCTURE OUTLINE
 - BC HYDRO TRANSMISSION LINES
 - BC HYDRO TRANSMISSION TOWER BUFFER ZONE

- MAPPING NOTES:**
1. DRAWINGS IN APDU 2.6 ARE IN METRES AND GEO-REFERENCED IN COORDINATE SYSTEM OF NAD83 UTM ZONE 10.
 2. ELEVATIONS ARE IN METRES AND REFER TO GEODETIC DATUM CGVD28.
 3. TUNNEL ALIGNMENT STATIONING IS IN METRES.
 4. REFER TO DU 3.1 FOR WOODFIBRE SITE FEATURES AND PROJECT BOUNDARIES.
 5. REFER TO DU 3.2 FOR BC RAIL SITE FEATURES AND PROJECT BOUNDARIES.
 6. REFER TO DU 3.3 FOR QUARRY SITE FEATURES AND PROJECT BOUNDARIES.

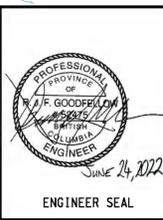
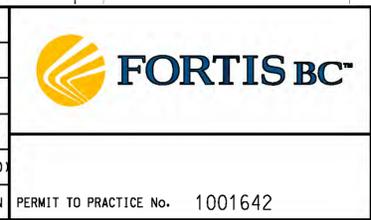
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PLAN
SCALE: 1:15000



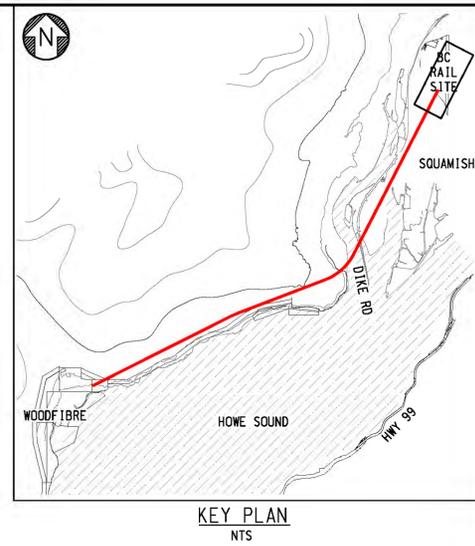
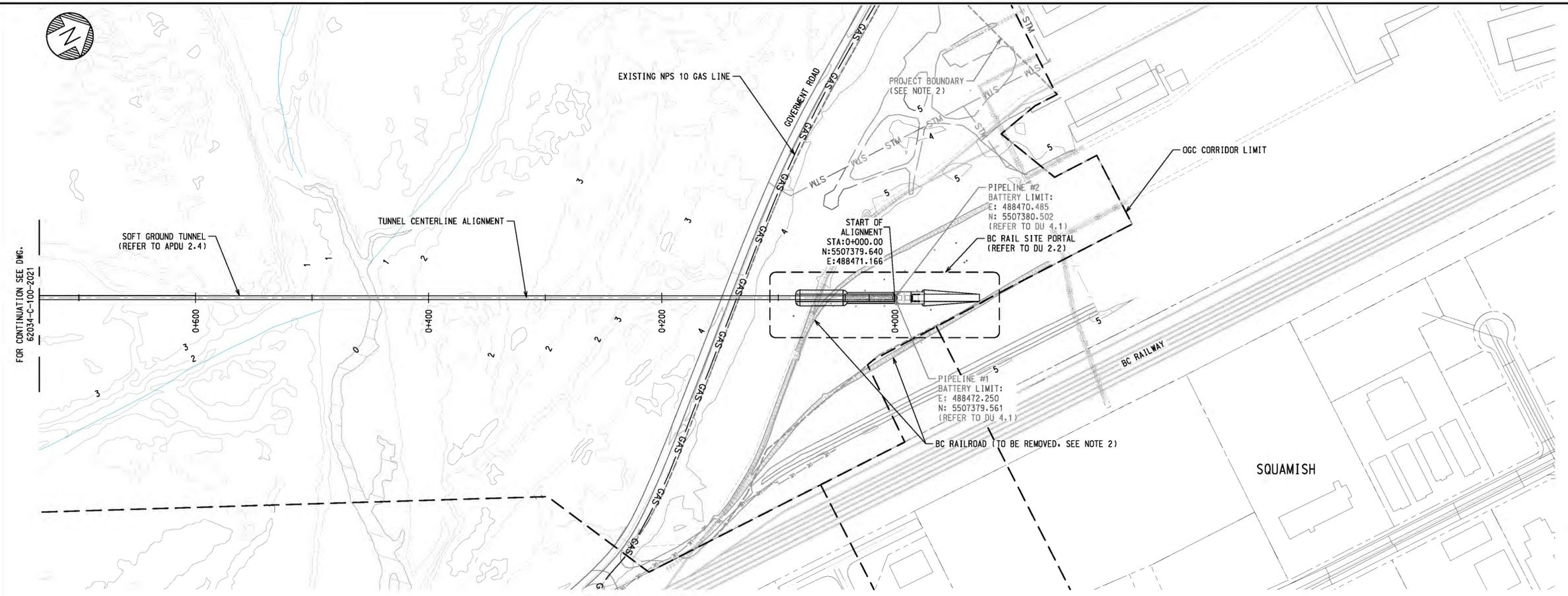
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BY	No.	REVISION	DRAWN	DESIGNED	CHECKED	DATE (YYYY-MM-DD)
PREVIOUS DR. NO. --			SCALE - AS SHOWN			PERMIT TO PRACTICE No. 1001642



EGP NORTH 610 TP PIPELINE

TUNNEL ALIGNMENT KEY PLAN

DRAWING NUMBER 62034-C-100-2003-R0

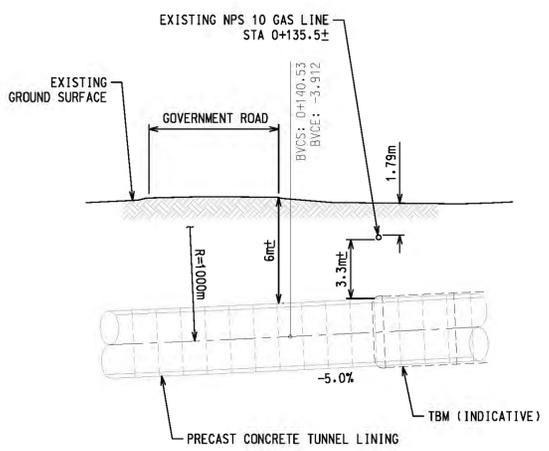
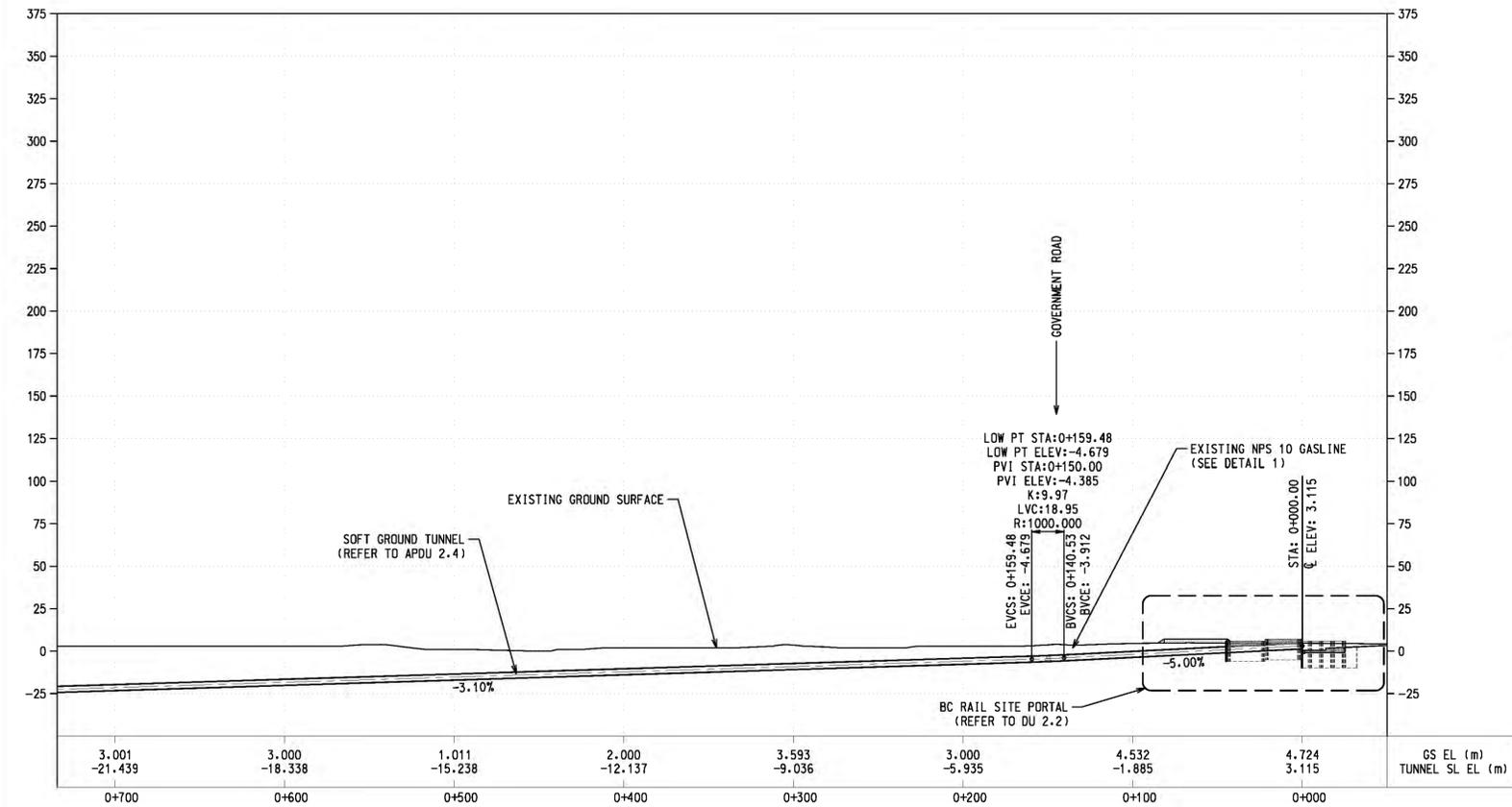


NOTES:

- REFER TO DWG 62034-C-100-2003 FOR MAPPING LEGEND AND NOTES.
- REFER TO DU 3.2 FOR BC RAIL SITE PROJECT BOUNDARY AND EXTENT OF BC RAILROAD TRACK REMOVAL.

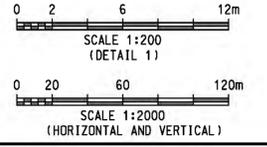
ABBREVIATIONS/ACRONYMS:

APDU	ADVANCED PARTIAL DESIGN UNIT
BC	BEGINNING OF HORIZONTAL CURVE
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BVCS	BEGINNING OF VERTICAL CURVE STATION
CL	CENTERLINE
DU	DESIGN UNIT
EC	END OF HORIZONTAL CURVE
EL / ELEV	ELEVATION
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
GS	GROUND SURFACE
ID	INSIDE DIAMETER
K	K-VALUE REPRESENTS THE HORIZONTAL DISTANCE ALONG WHICH A 1% CHANGE IN GRADE OCCURS ON THE VERTICAL CURVE
LOW PT	LOW POINT ON VERTICAL CURVE
LVC	LENGTH OF VERTICAL CURVE
NPS	NOMINAL PIPE SIZE
OD	OUTSIDE DIAMETER
PCTL	PRECAST CONCRETE TUNNEL LINING
PVI	POINT OF VERTICAL INTERSECTION OF TWO ADJACENT TANGENTS
SL	SPRINGLINE
TBD	TO BE DETERMINED
TBM	TUNNEL BORING MACHINE
TYP	TYPICAL

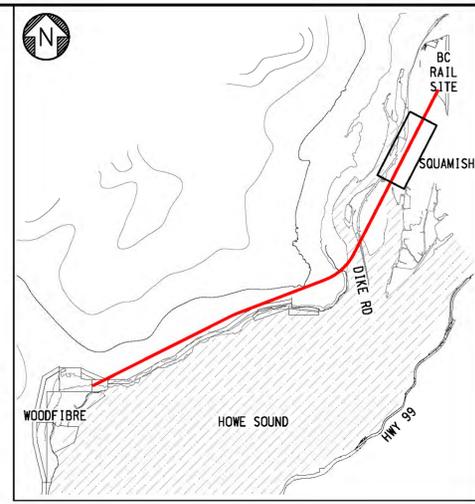
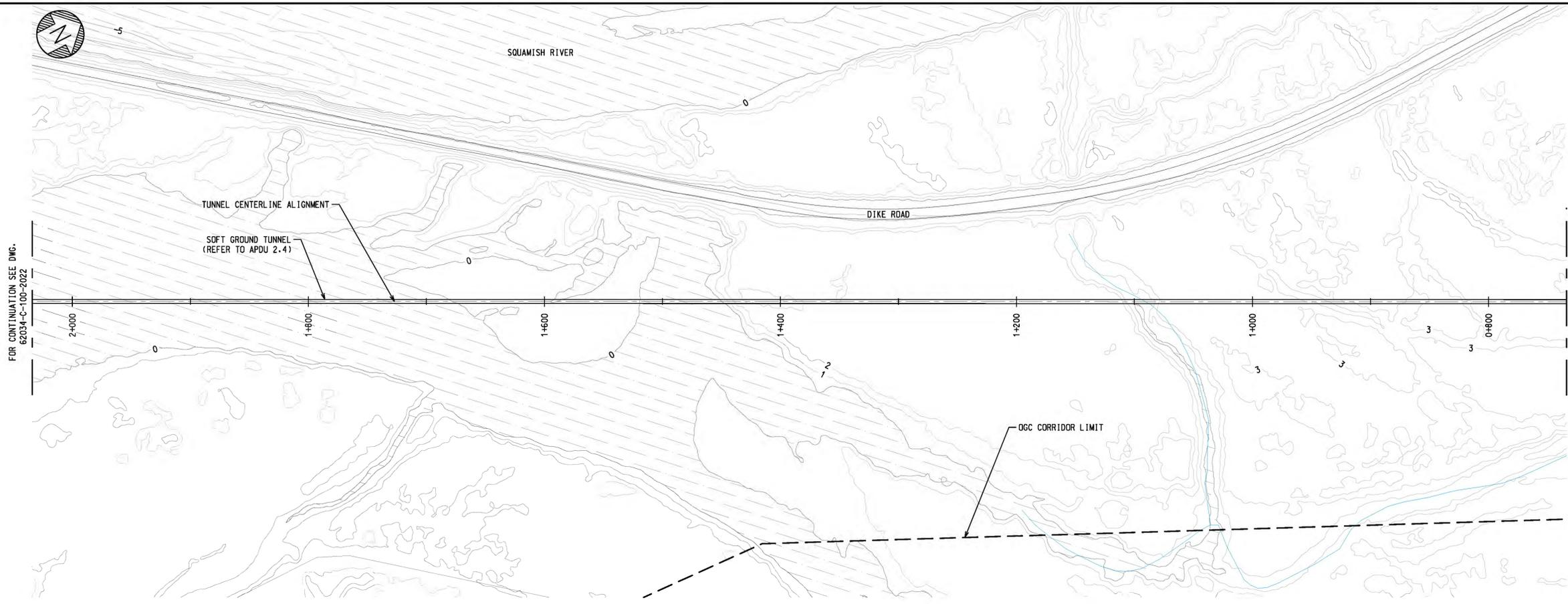


1 DETAIL
SCALE 1:200

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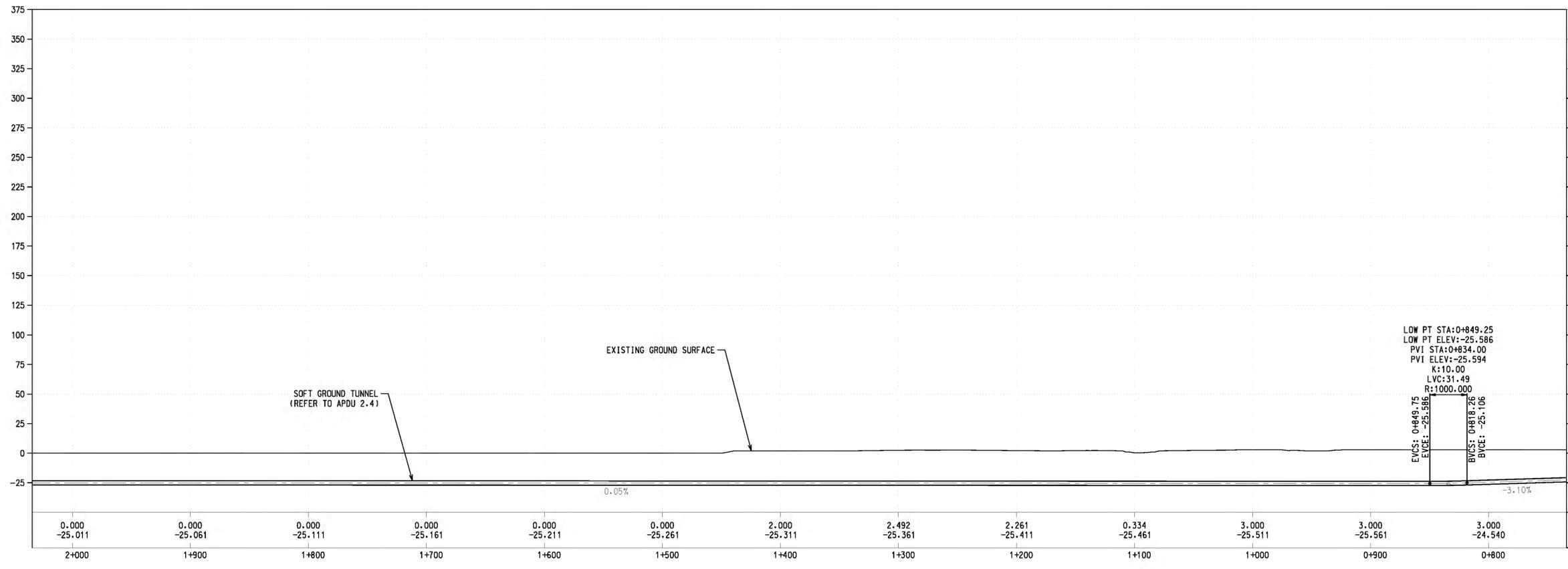


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ALDEA	RO	ISSUED FOR CONSTRUCTION	R. JIANG	G. MONGE	B. YANG	2022-06-24																				
BY	No.	REVISION	DRAWN	DESIGNED	CHECKED	DATE (YYYY-MM-DD)																				
PREVIOUS DR. NO. -			SCALE - AS SHOWN																							
			PERMIT TO PRACTICE No. 1001642				ENGINEER SEAL																			

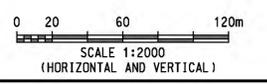


KEY PLAN
NTS

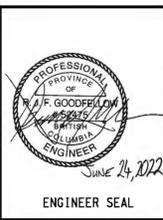
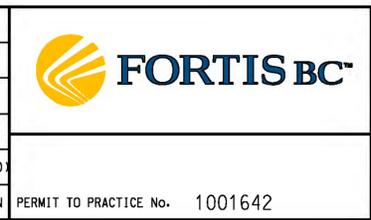
- NOTES:**
1. REFER TO DWG 62034-C-100-2003 FOR MAPPING LEGEND AND NOTES.
 2. REFER TO DWG 62034-C-100-2020 FOR ABBREVIATIONS AND ACRONYMS.



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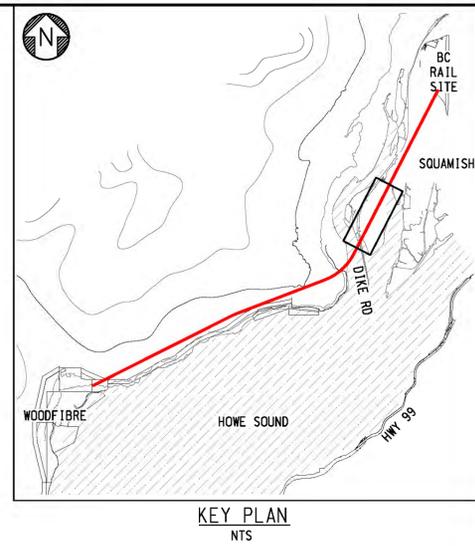
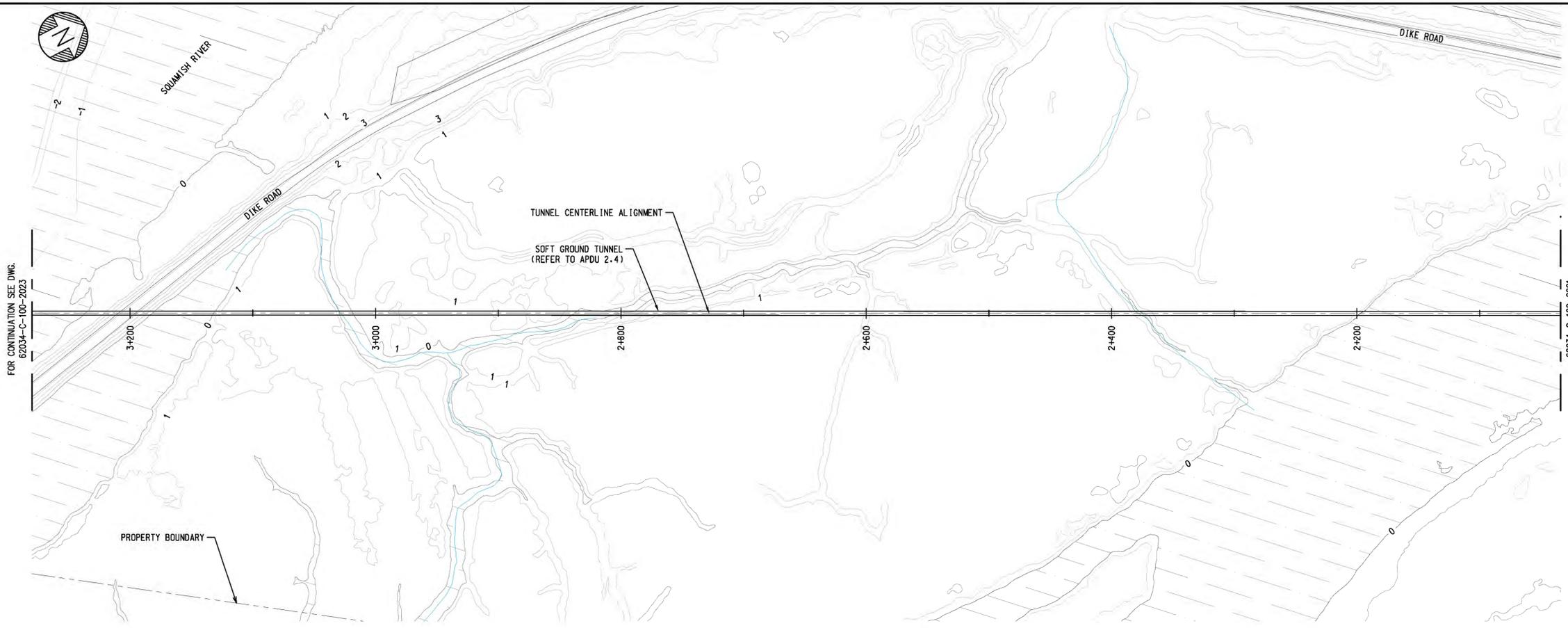
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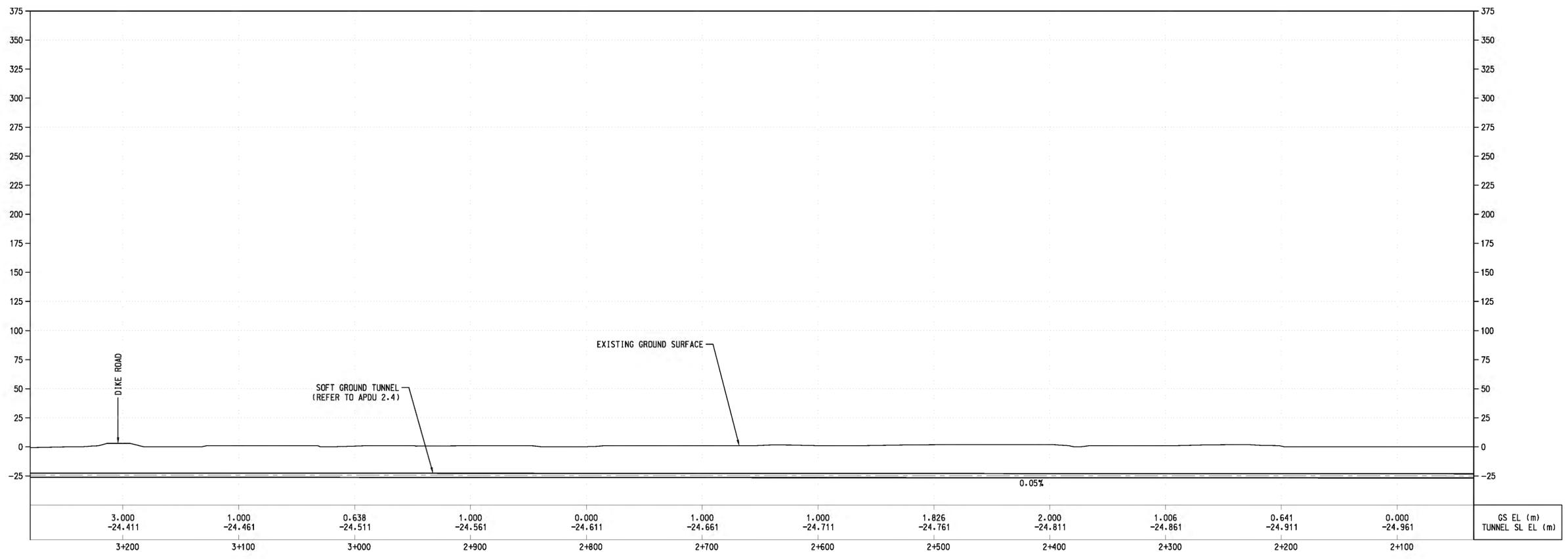
EGP NORTH 610 TP PIPELINE

TUNNEL PLAN AND PROFILE
SHEET 2
STA 0+734 TO STA 2+034

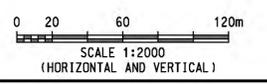
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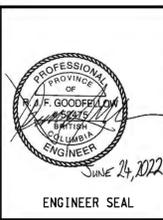
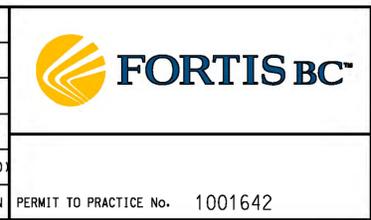
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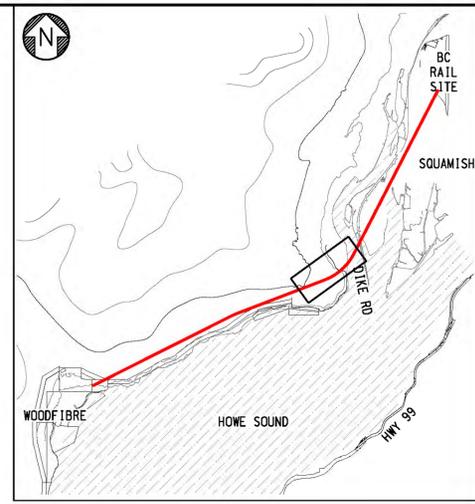
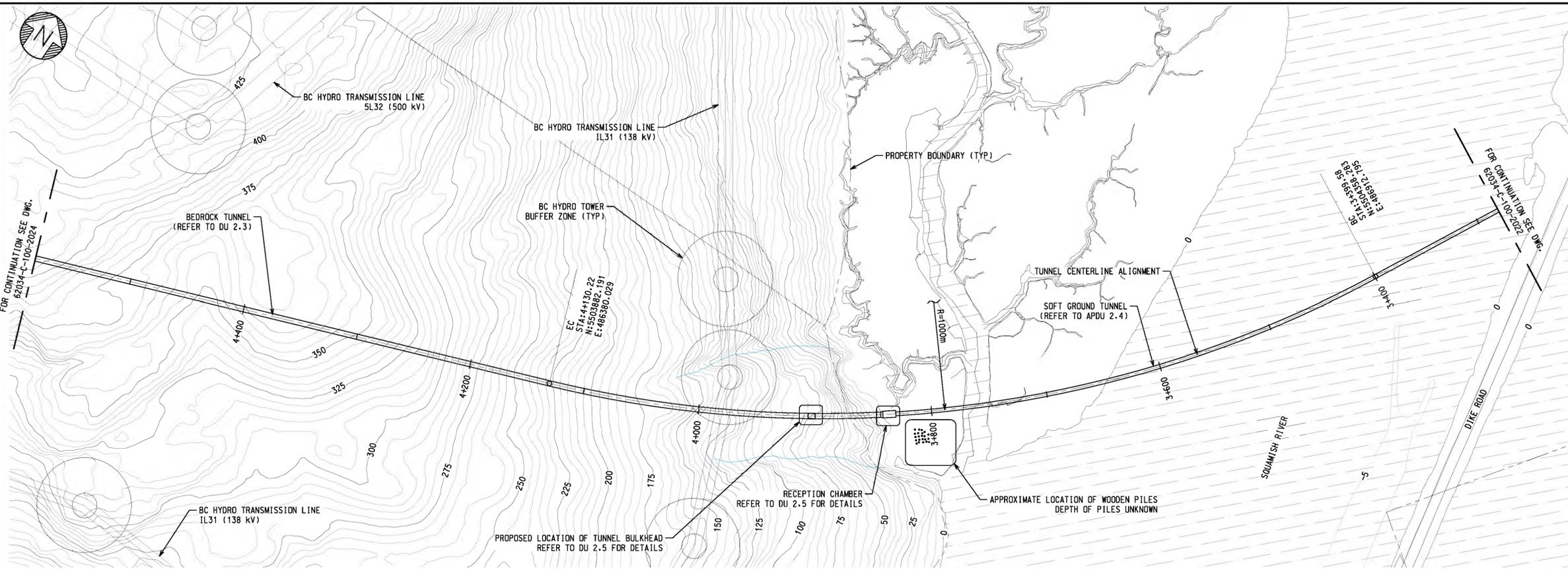
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BY	No.	REVISION	DRAWN	DESIGNED	CHECKED	DATE (YYYY-MM-DD)
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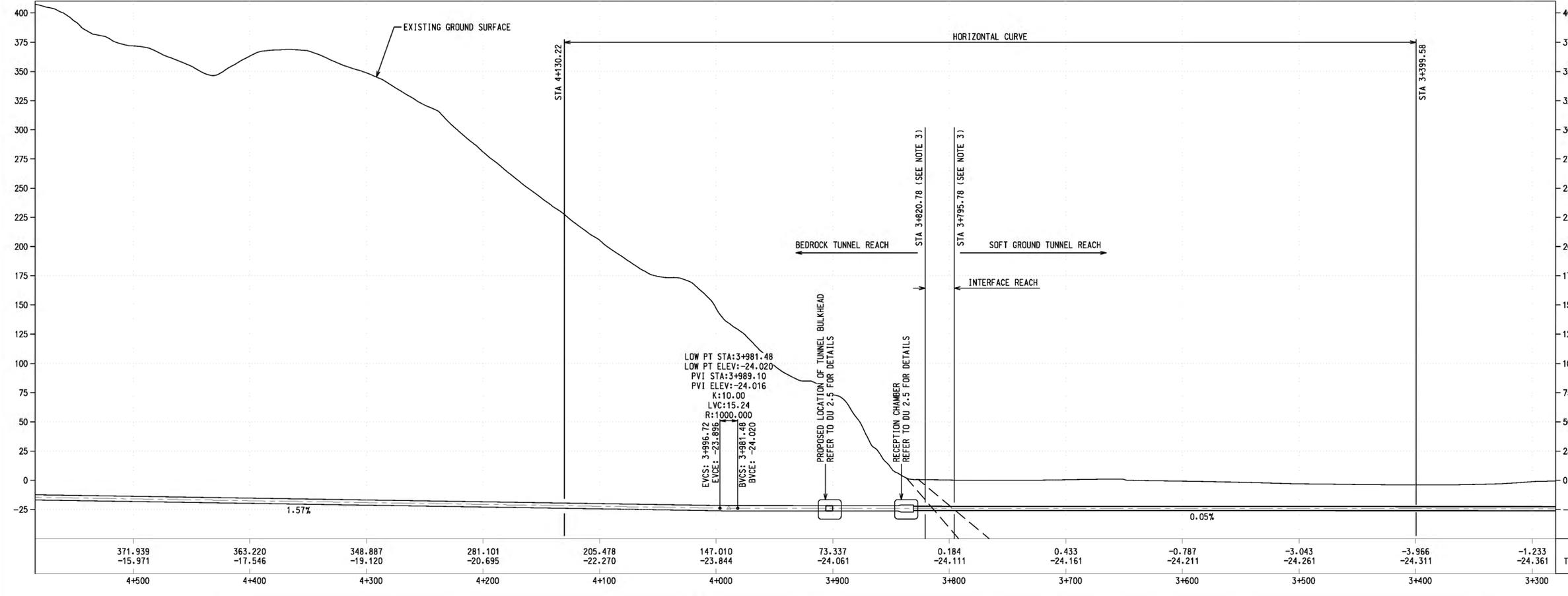
EGP NORTH 610 TP PIPELINE

TUNNEL PLAN AND PROFILE
SHEET 3
STA 2+034 TO STA 3+280

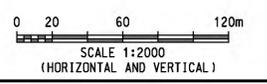
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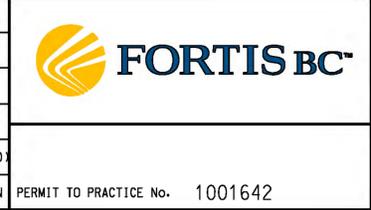
- NOTES:**
1. REFER TO DWG 62034-C-100-2003 FOR MAPPING LEGEND AND NOTES.
 2. REFER TO DWG 62034-C-100-2020 FOR ABBREVIATIONS AND ACRONYMS.
 3. DURING CONSTRUCTION, BOTH TBMS (BEDROCK AND SOFT GROUND) WILL CONFIRM THE INTERFACE REACH EXTENTS THROUGH PROBING AND STATIONS MAY VARY.



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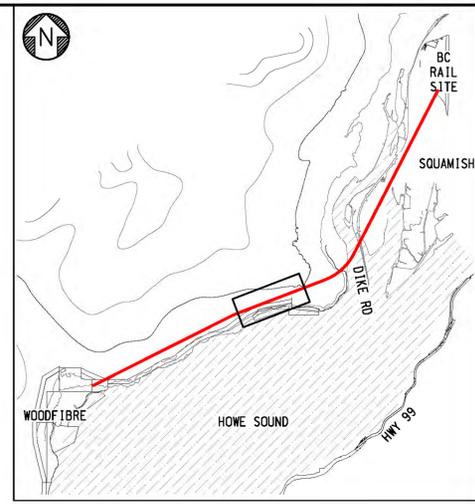
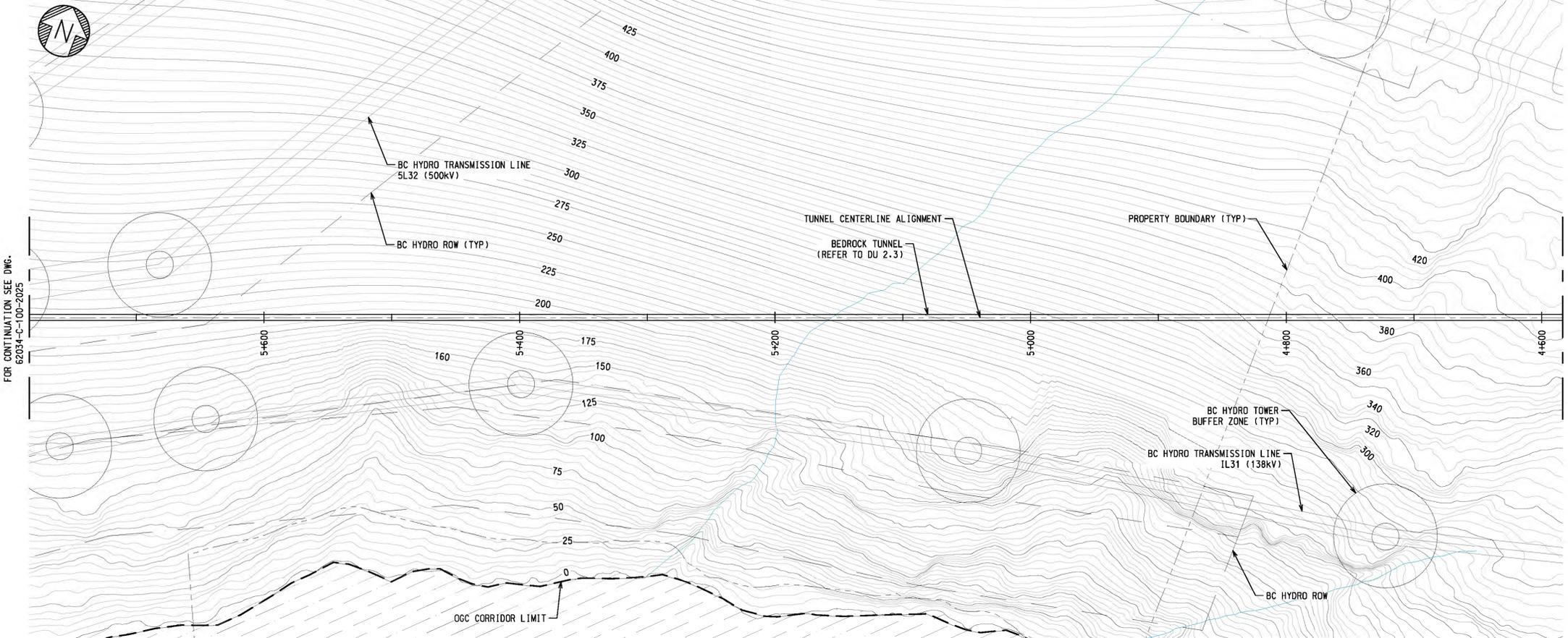
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BY	No.	REVISION	DRAWN	DESIGNED	CHECKED	DATE (YYYY-MM-DD)
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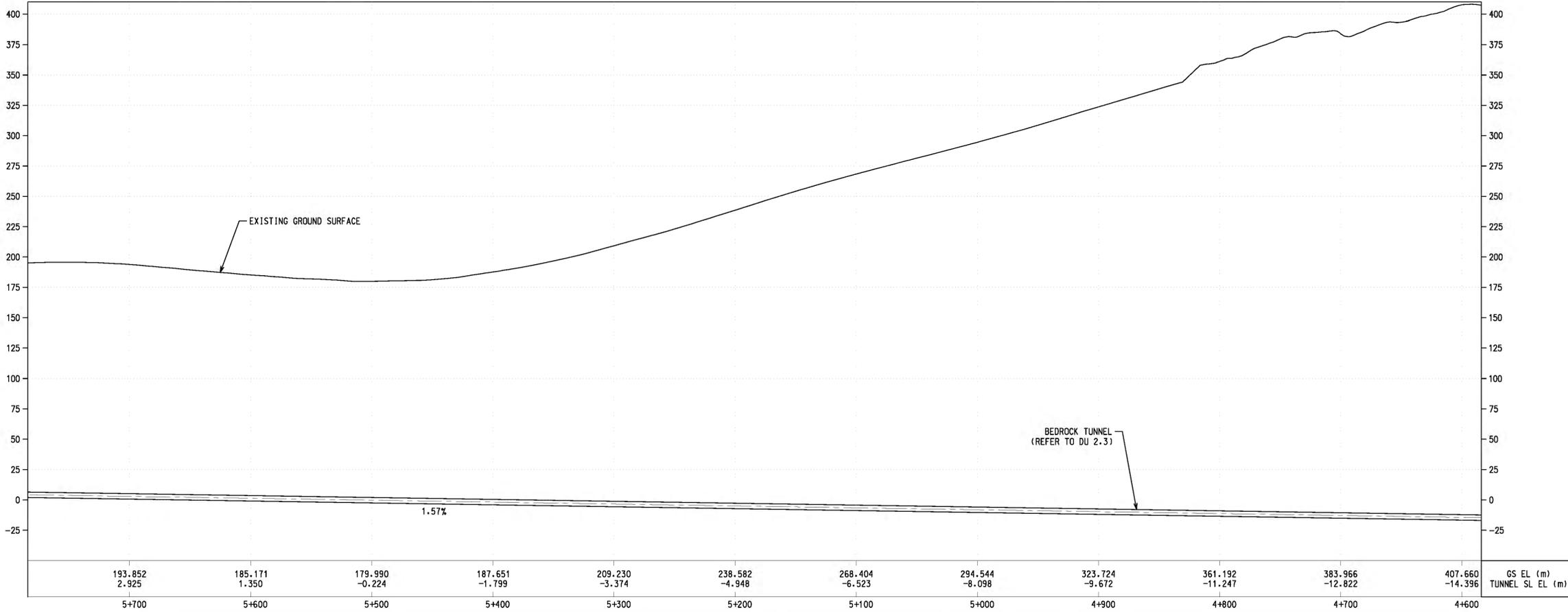
EGP NORTH 610 TP PIPELINE

TUNNEL PLAN AND PROFILE
 SHEET 4
 STA 3+280 TO STA 4+584

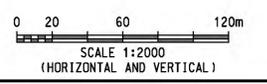
DRAWING NUMBER 62034-C-100-2023-R0



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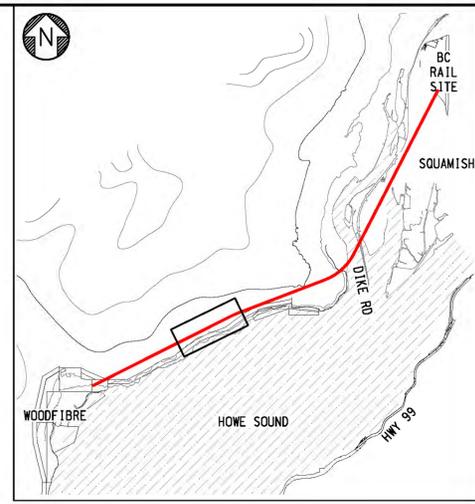
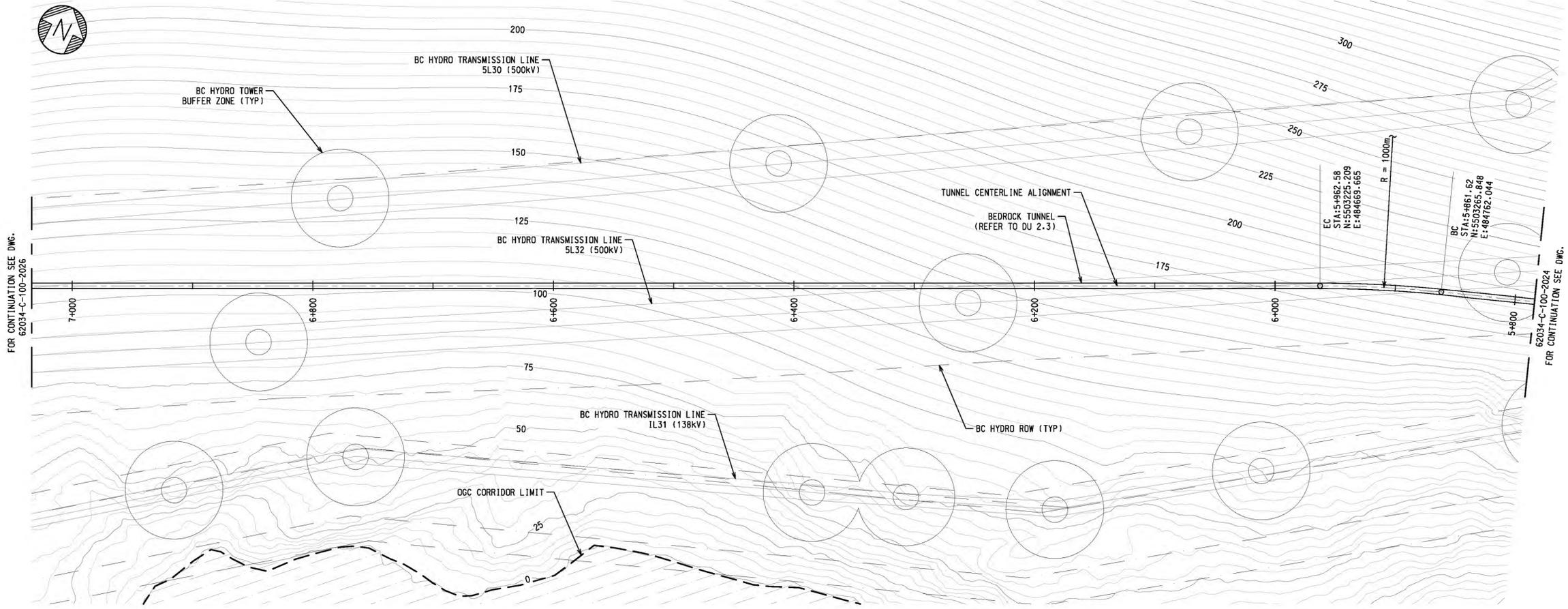
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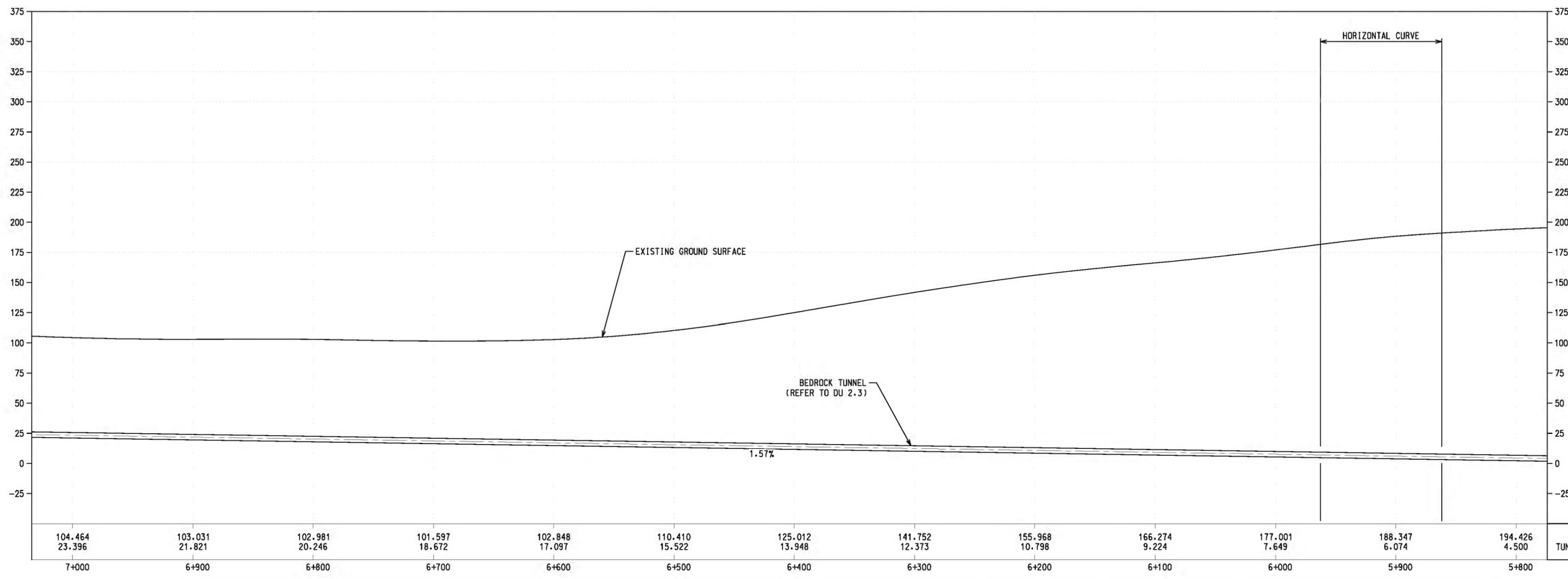
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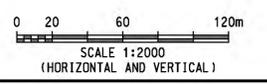
EGP NORTH 610 TP PIPELINE
 TUNNEL PLAN AND PROFILE
 SHEET 5
 STA 4+584 TO STA 5+784
 DRAWING NUMBER 62034-C-100-2024-R0



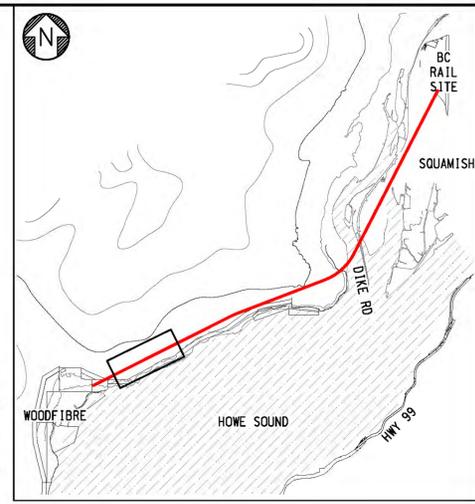
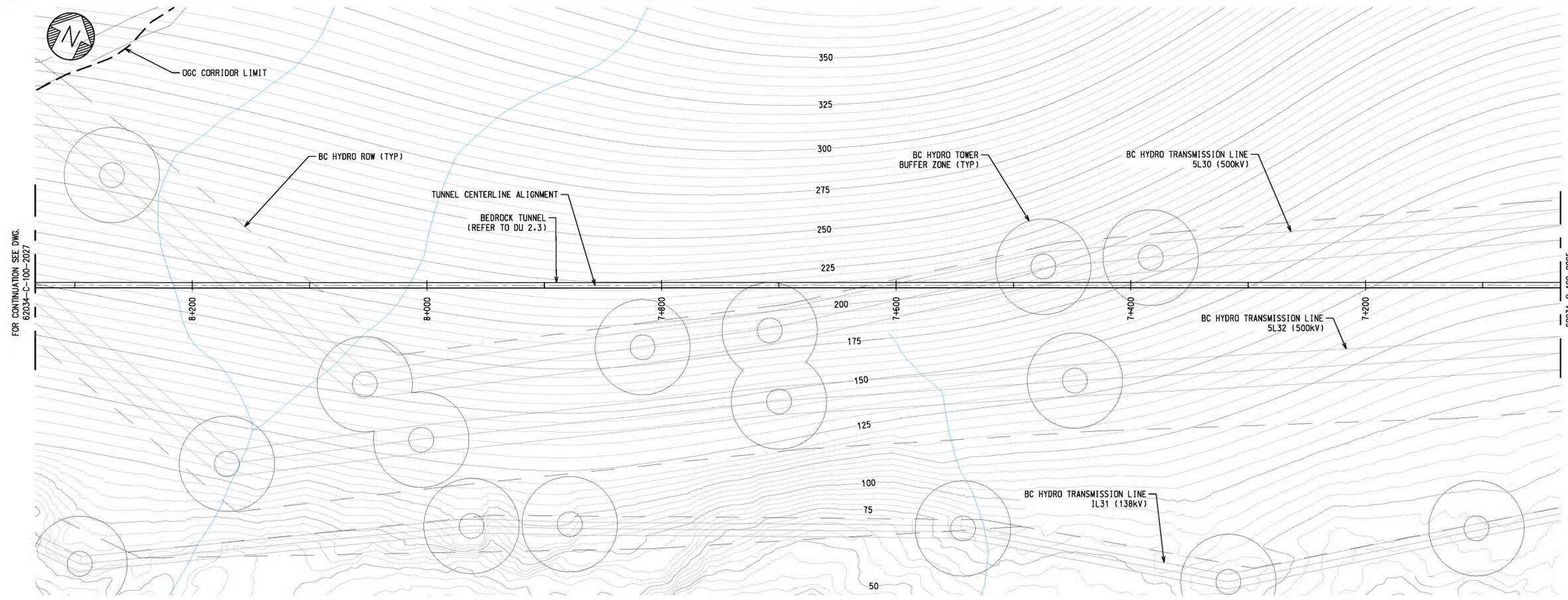
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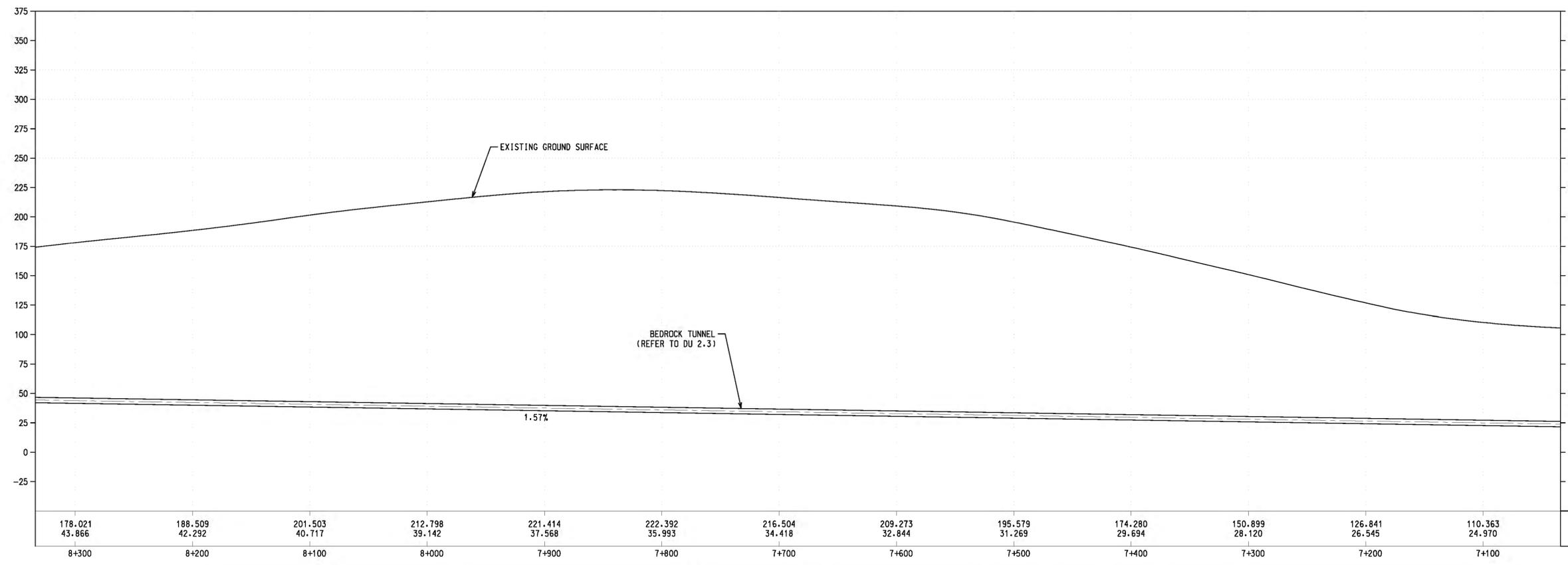


		RO								EGP NORTH 610 TP PIPELINE	
		ALDEA	RO	ISSUED FOR CONSTRUCTION	R. JIANG	G. MONGE	B. YANG			2022-06-24	TUNNEL PLAN AND PROFILE SHEET 6 STA 5+784 TO STA 7+034
		BY	No.	REVISION	DRAWN	DESIGNED	CHECKED	DATE (YYYY-MM-DD)	ENGINEER SEAL		DRAWING NUMBER 62034-C-100-2025-RO
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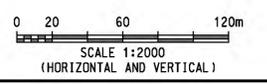


KEY PLAN
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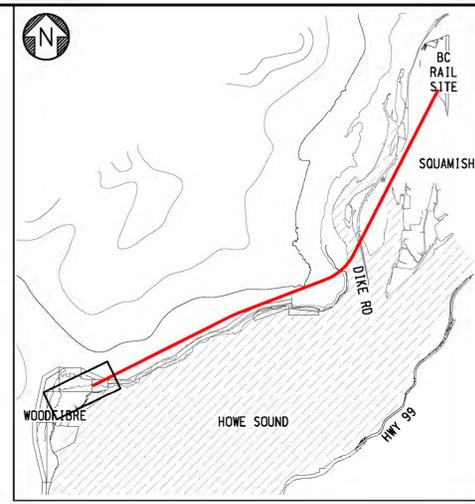
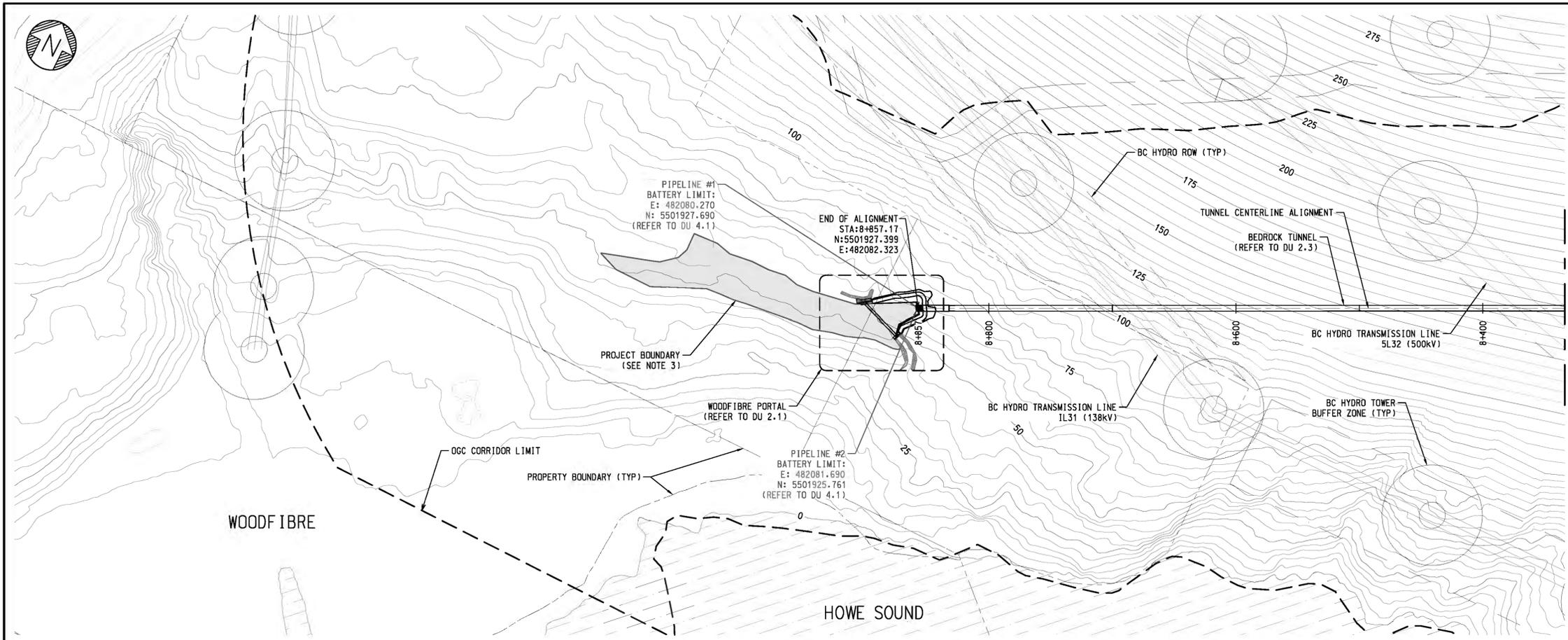
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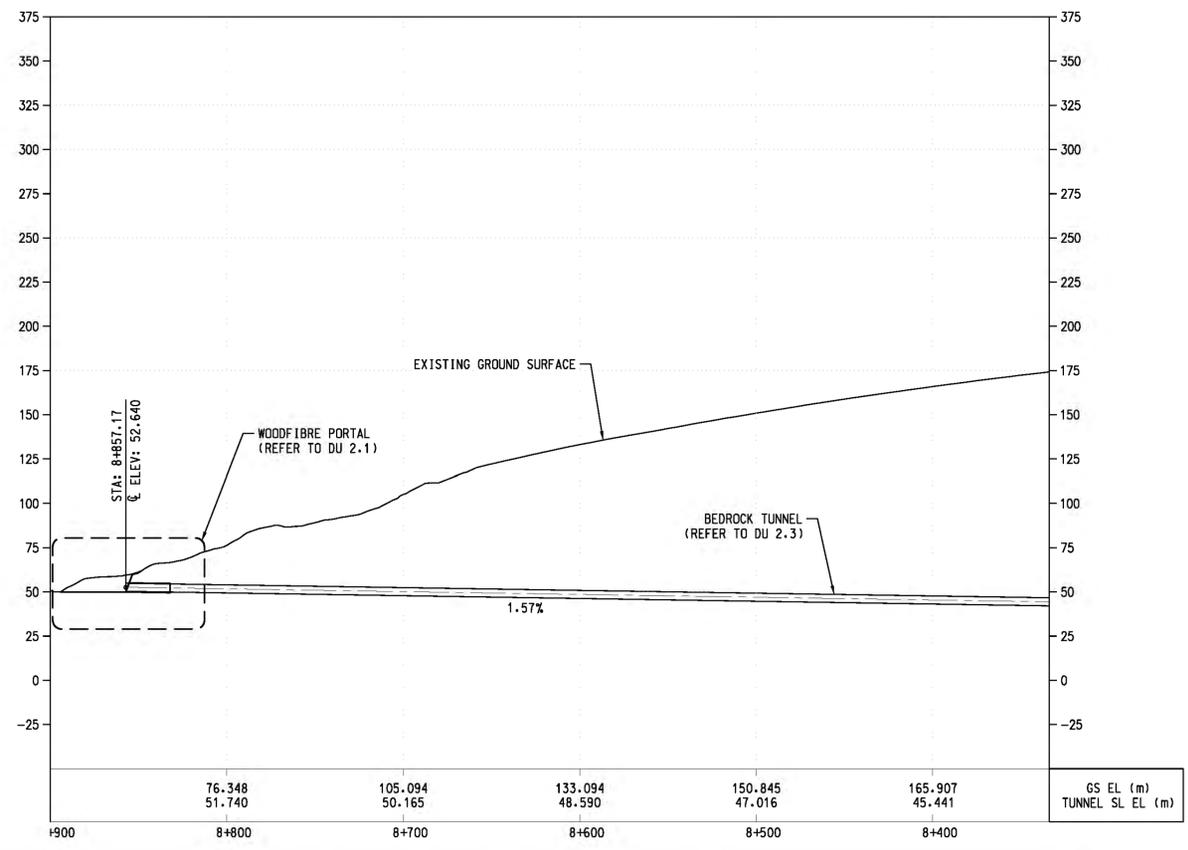
EGP NORTH 610 TP PIPELINE

TUNNEL PLAN AND PROFILE
SHEET 7
STA 7+034 TO STA 8+334

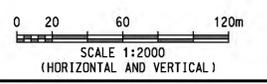
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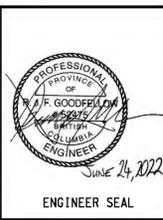
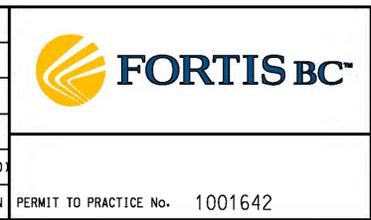
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 - REFER TO DU 3.1 FOR WOODFIBRE SITE FEATURES AND PROJECT BOUNDARIES.



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RO						
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EGP NORTH 610 TP PIPELINE

TUNNEL PLAN AND PROFILE
SHEET 8
STA 8+334 TO STA 8+857.17

DRAWING NUMBER 62034-C-100-2027-R0