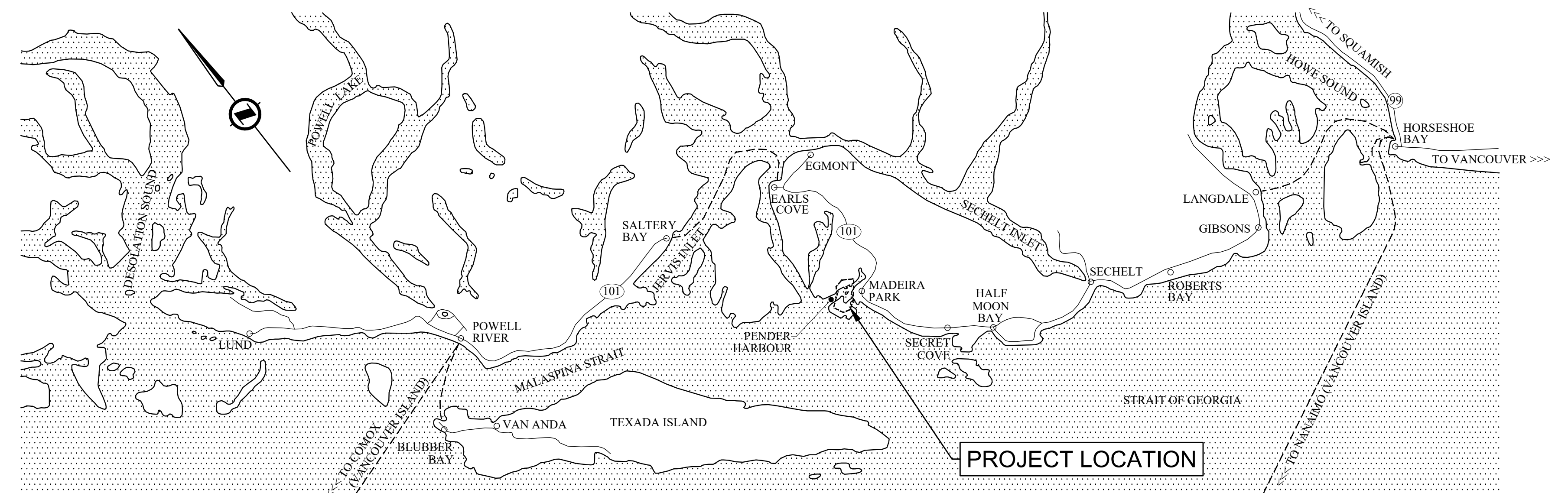


# SUNSHINE COAST REGIONAL DISTRICT NORTH PENDER HARBOUR WATER MAIN REPLACEMENT ISSUED FOR TENDER

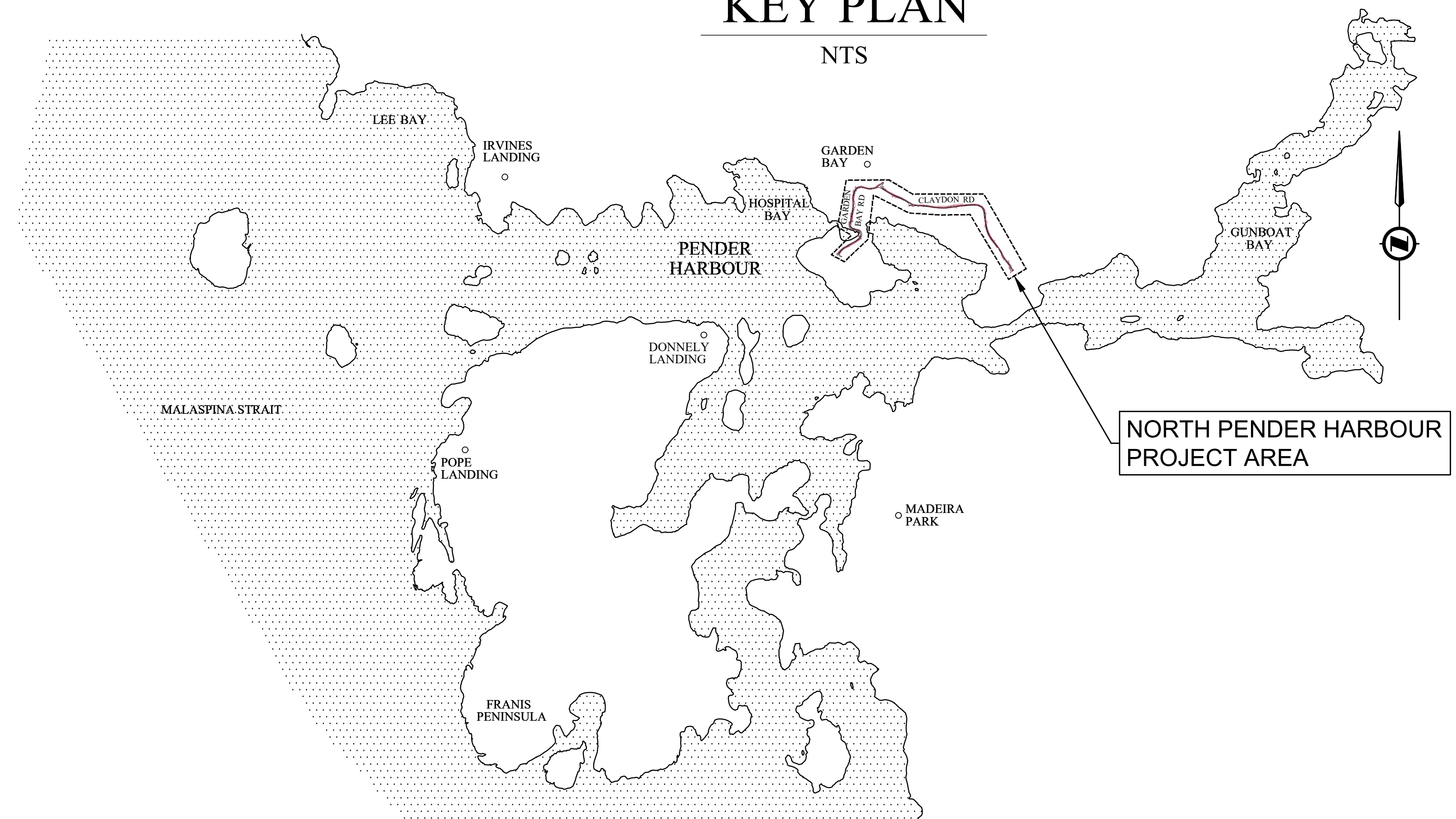
SCRD TENDER - 2025-TBD  
OEL PROJECT No. 723-9

DRAWING INDEX	
DWG NO	DWG NAME
GENERAL	
723-9	COVER SHEET, DRAWING INDEX, AND LOCATION PLAN
723-9-021	OVERALL SITE - EXISTING CONDITIONS - PLAN
723-9-022	DETAILS & NOTES
723-9-023	DETAILS & NOTES
CIVIL	
723-9-200	LOCATION KEY - PLAN & PROFILE
723-9-201	GARDEN BAY ROAD - STA 1+100-1+440 - PLAN & PROFILE
723-9-202	PANORAMA DRIVE - STA 1+440-1+740 - PLAN & PROFILE
723-9-203	PANORAMA DRIVE - STA 1+740-1+920 - PLAN & PROFILE
723-9-204	PANORAMA DRIVE - STA 1+920-2+220 - PLAN & PROFILE
723-9-205	PANORAMA DRIVE - STA 2+220-2+493 - PLAN & PROFILE
723-9-206	PANORAMA PLACE - STA 5+000-5+215 - PLAN & PROFILE



**KEY PLAN**

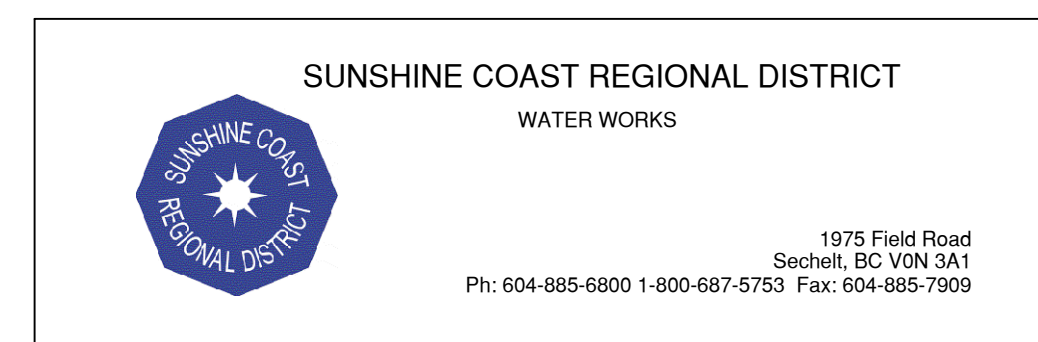
NTS



**LOCATION PLAN**

NTS

PREPARED FOR:



DESIGNED BY:

**ONSITE**  
Engineering Ltd.

**ABBOTSFORD OFFICE**  
#103-32310 SOUTH FRASER WAY  
ABBOTSFORD, BC, V2T 1X1  
PH.: 604-309-1788  
FAX: 866-235-6943

EGBC PERMIT TO PRACTICE No.: 1002678

ISSUED FOR TENDER



LEGEND	
EXISTING	
	PROPERTY BOUNDARY
	ROAD CENTERLINE
	EDGE OF ASPHALT
	TOP OF SLOPE
	TOE OF SLOPE
	DITCHLINE
	EDGE OF BEDROCK
	FENCELINE
	RETAINING WALL
	TREELINE
	WATER MAIN
	CATCH BASIN
	WATER VALVE
	HYDRANT
	PRESSURE REDUCING VALVE
	CURB STOP
	WATER METER
	TREE - CONIFER
	TREE - BROAD LEAF
	UTILITY POLE
	GUY WIRE
	BOLLARD/POST
	ROAD SIGN
	FOUND IRON PIN
	SURVEY HUB
	CULVERT
	BUILDING

**NOTES**

- SITE SURVEY WAS PERFORMED JULY 6-7 & 10-17, 2017 BY ONSITE ENGINEERING LTD. A.BRABANDT, N.CVENKEL, M.HENDERSON.
- SITE COORDINATES/ELEVATIONS BASED ON "ACTIVE" G.P.S. CONTROL 100  
 N: 5497207.920 m  
 E: 428242.057 m  
 ELEV. 62.199 m
- COORDINATES SCALED AROUND HUB100 WITH AN AVERAGE COMBINED SCALE OF 0.9996597.
- CONTOUR INTERVAL: MAJOR 5.0m MINOR 1.0m
- LOCATIONS OF UNDER GROUND UTILITIES SHOWN ON PLAN ARE APPROXIMATE ONLY. INFORMATION MAY NOT BE COMPLETE OR ACCURATE. CONTRACTOR SHALL EXPOSE LOCATIONS OF ALL EXISTING UTILITIES AND ADVISE THE ENGINEER OF POTENTIAL CONFLICTS.

CONTROL TABLE			
DESCRIPTION	NORTHING	EASTING	ELEVATION
HUB100	5497207.920	426242.057	62.199
HUB150	5496492.961	425149.113	4.452
HUB200	5498441.517	425819.596	24.882
HUB201	5498396.748	425900.270	15.431
HUB202	5498336.746	426002.567	10.074
HUB203	5498330.718	426095.229	11.821
HUB204	5498319.962	426195.626	15.665
HUB205	5498325.034	426275.185	18.107
HUB206	5498337.717	426368.782	19.606
HUB207	5498314.629	426429.587	21.007
HUB208	5498213.561	426442.705	23.950
HUB209	5498090.499	426507.724	31.361
HUB210	5498021.597	426549.633	42.830
HUB211	5497968.917	426593.378	48.470
HUB212	5498068.479	426516.665	32.460
HUB219	5498428.331	425754.104	18.663
HUB220	5498438.631	425690.904	14.927
HUB221	5498382.471	425667.365	11.789
HUB222	5498251.499	425656.372	10.269
HUB223	5498201.151	425645.540	5.932
HUB224	5498140.406	425707.333	4.235
HUB299	5498242.921	426444.058	22.973
OIP	5498375.565	425650.005	13.068
OIP	5497999.876	426561.311	43.850
OIP	5498063.233	426520.541	32.889
OIP	5498229.112	426451.048	24.194
OIP	5498261.120	426447.514	23.264
GCM	5499134.165	423793.386	231.883

\*GCM, HUB100, & HUB150 LOCATED OUTSIDE PLAN LIMITS

C	MAR 31/2025	ISSUED FOR TENDER - REVISED	MR	LM
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A	JUNE 23/2023	ISSUED FOR TENDER	SG	JM
No.	Date	Revision	Drw.	Chk.

SUNSHINE COAST REGIONAL DISTRICT  
WATER WORKS

1975 Field Road  
Sechelt, BC V0N 3A1  
Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909

REFERENCE DRAWINGS

Approved Seal

SCALE 1:2000

0 100

Designed: PN  
 Drawn: SD/MR  
 Checked: JM/LM  
 Surveyed: NC/MH  
 Date: FEB 2018

**ONSITE Engineering Ltd.**  
 ABBOTSFORD OFFICE  
 #103-32310 SOUTH FRASER WAY  
 ABBOTSFORD, BC, V2T 1X1  
 PH: 604-309-1788  
 FAX: 604-309-6943  
 EGBC PERMIT TO PRACTICE No. 1002878

SUNSHINE COAST REGIONAL DISTRICT

**NORTH PENDER HARBOUR  
 OVERALL SITE  
 EXISTING CONDITIONS - PLAN**

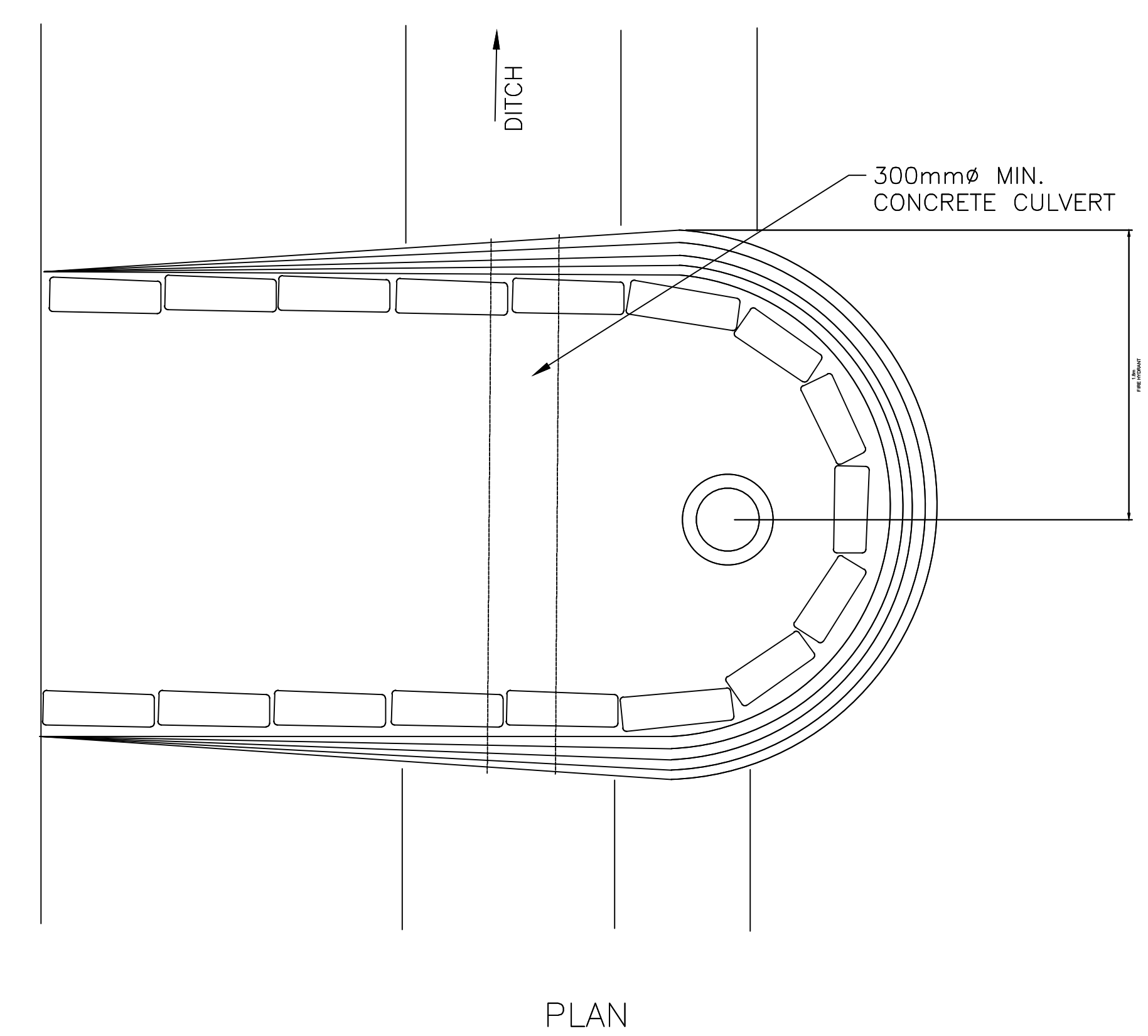
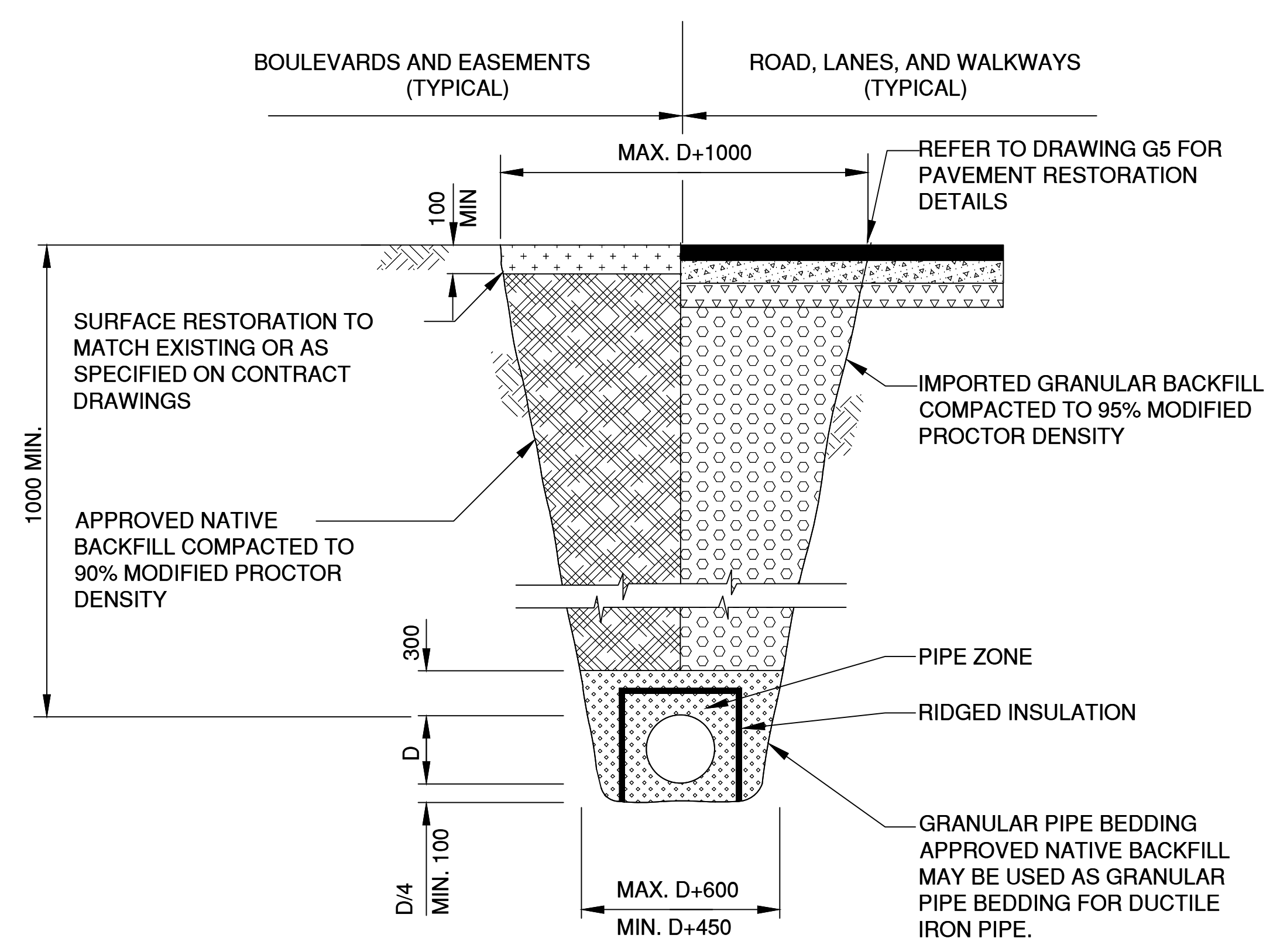
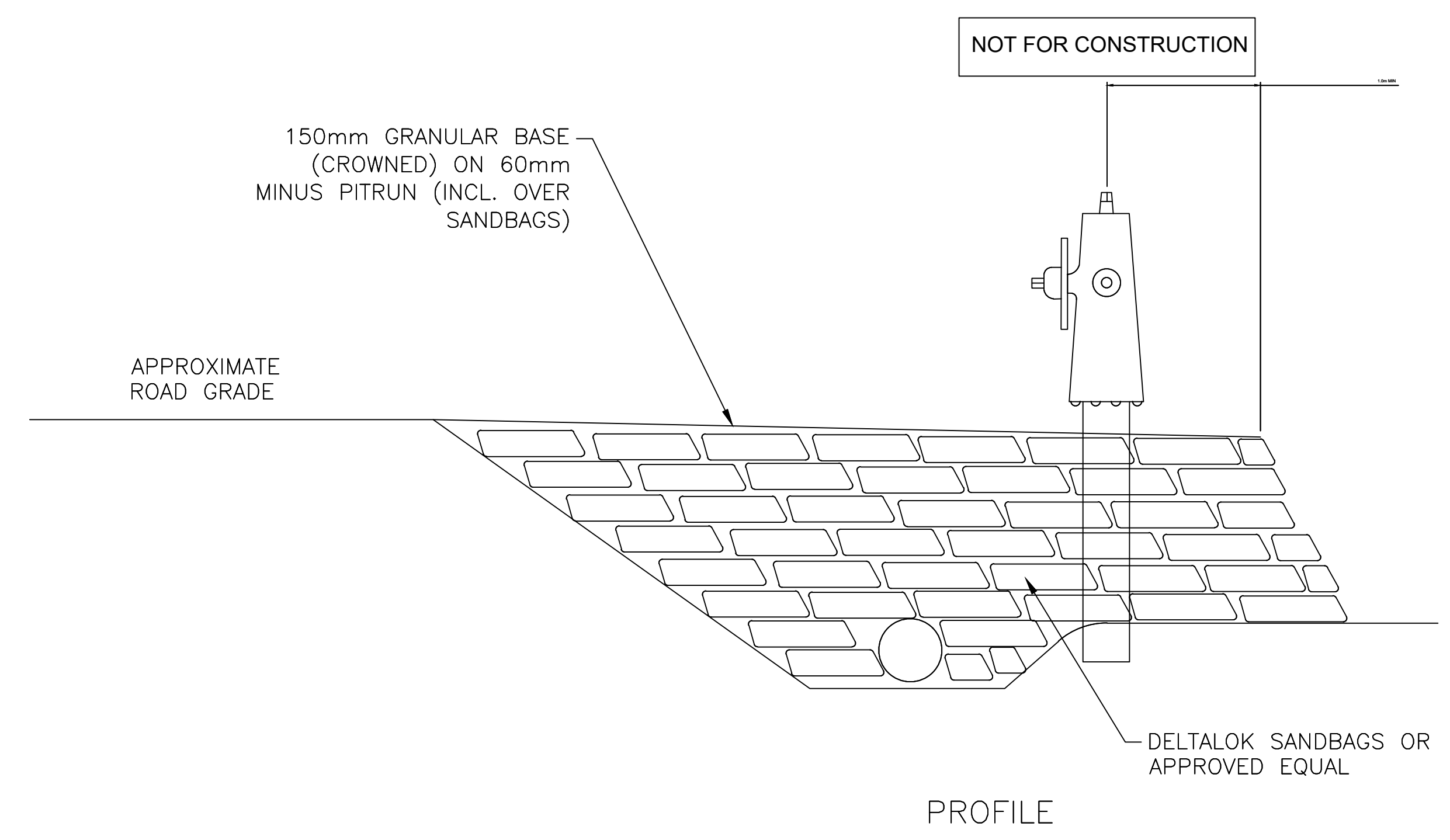
Client Project No. 723-9

OEL Project No. 723-9

Drawing No. **723-9-021**

Sheet: 2 of 11 Revision C





**INSULATED PIPE - UTILITY TRENCH**

**HYDRANT PAD AND ACCESS**

No.	Date	Revision	Drw.	Chk.
C	MAR 31/2025	ISSUED FOR TENDER - REVISED	MR	LM
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A	JUNE 23/2023	ISSUED FOR TENDER	SG	JM

SUNSHINE COAST REGIONAL DISTRICT  
WATER WORKS

1975 Field Road  
Sechelt, BC V0N 3A1  
Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909

REFERENCE DRAWINGS

SCALE AS SHOWN

Approved Seal

Designed:	JM
Drawn:	SD/MR
Checked:	JM/LM
Surveyed:	-
Date:	JAN 2025

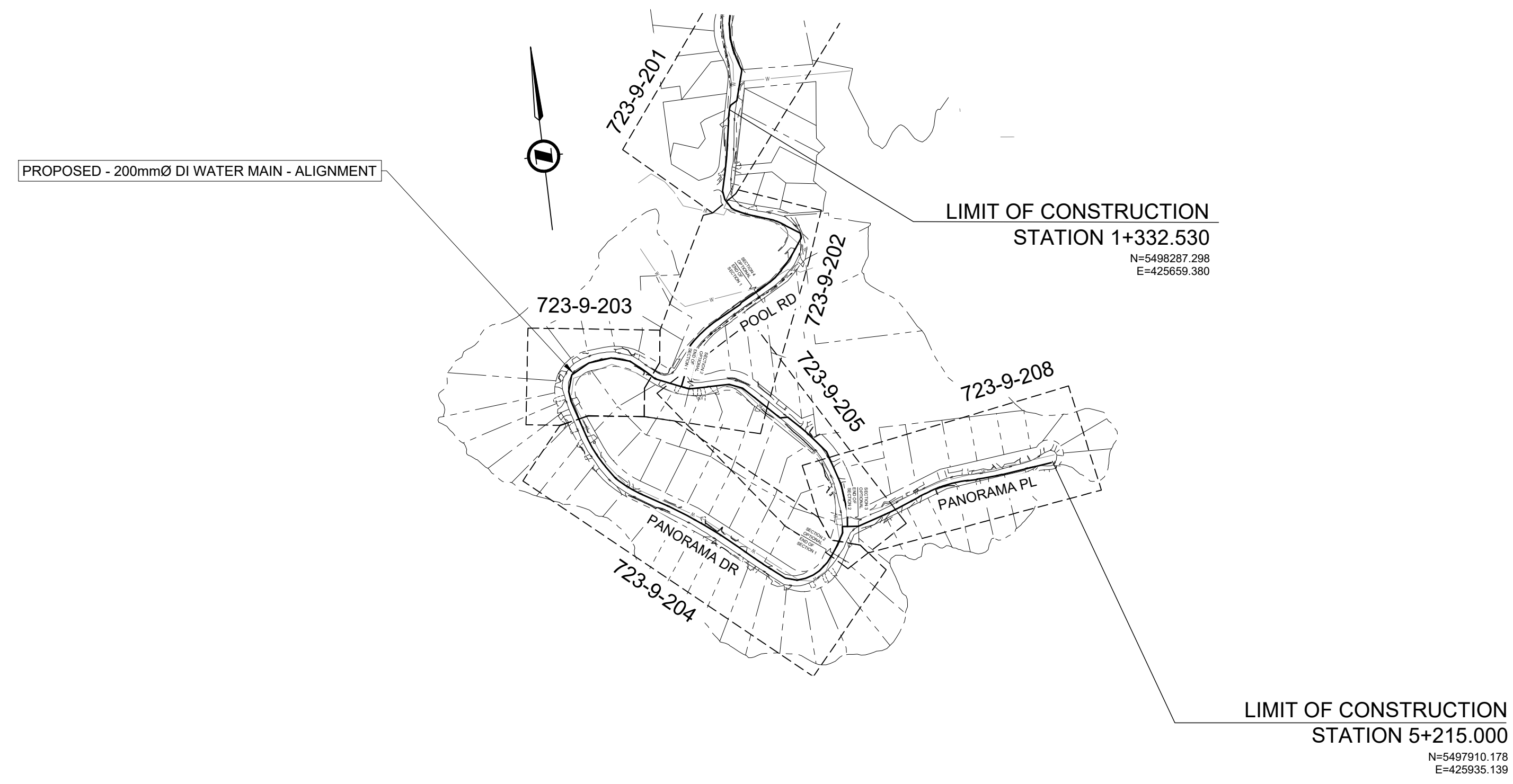
**ONSITE Engineering Ltd.**  
ABBOTSFORD OFFICE  
#103-32210 SOUTH FRASER WAY  
ABBOTSFORD, BC, V2T 1X1  
PH: 604-309-1788  
FAX: 604-309-0943  
EGBC PERMIT TO PRACTICE No. 1002878

SUNSHINE COAST REGIONAL DISTRICT  
**NORTH PENDOR HARBOUR  
WATER MAIN REPLACEMENT  
DETAILS & NOTES**

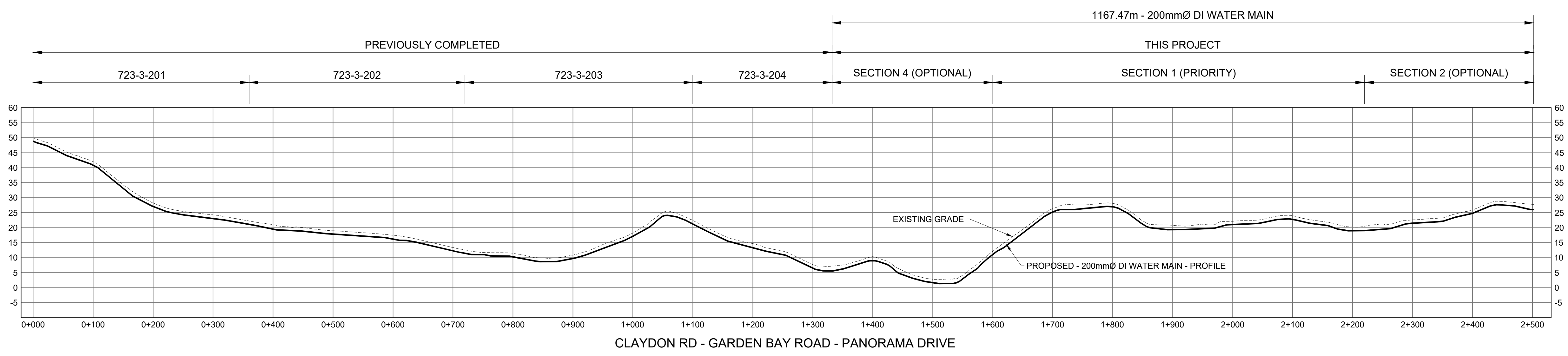
Client Project No.	
OEL Project No.	723-9
Drawing No.	723-9-023
Sheet:	4 of 11
Revision	C

NOT FOR CONSTRUCTION

LEGEND	
PROPOSED	
	WATER MAIN
	WATER VALVE
	HYDRANT
	AIR RELEASE VALVE



NOTE: PANORAMA PL. WATERMAIN SECTION 3 (OPTIONAL) NOT SHOWN ON THIS PROFILE



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**SUNSHINE COAST REGIONAL DISTRICT**  
WATER WORKS

1975 Field Road  
Sechelt, BC V0N 3A1  
Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909

REFERENCE DRAWINGS

SCALE  
1:4000

Approved Seal

Designed:	PN
Drawn:	SD/MR
Checked:	JM/LM
Surveyed:	NC/MH
Date:	JAN 2025

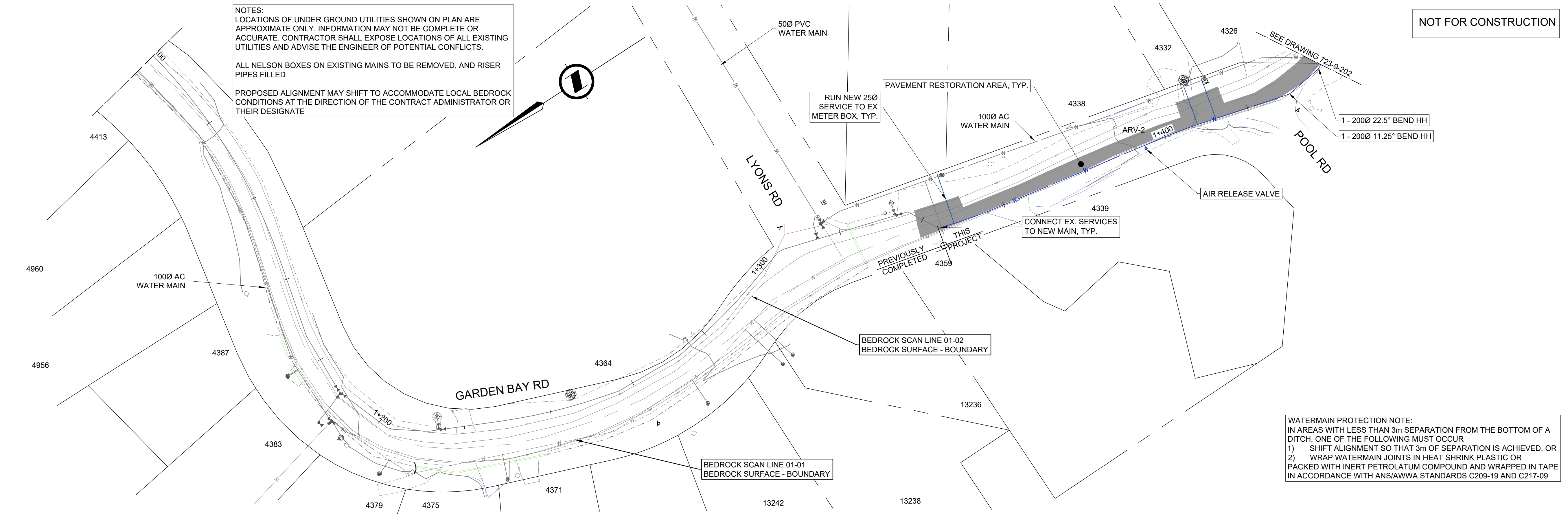
**ONSITE Engineering Ltd.**  
ABBOTSFORD OFFICE  
#103-32310 SOUTH FRASER WAY  
ABBOTSFORD, BC, V2T 1X1  
PH: 604-309-1788  
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EGBC PERMIT TO PRACTICE No. 1002878

**SUNSHINE COAST REGIONAL DISTRICT**  
**NORTH PENDER HARBOUR**  
**LOCATION KEY**  
**PLAN & PROFILE**

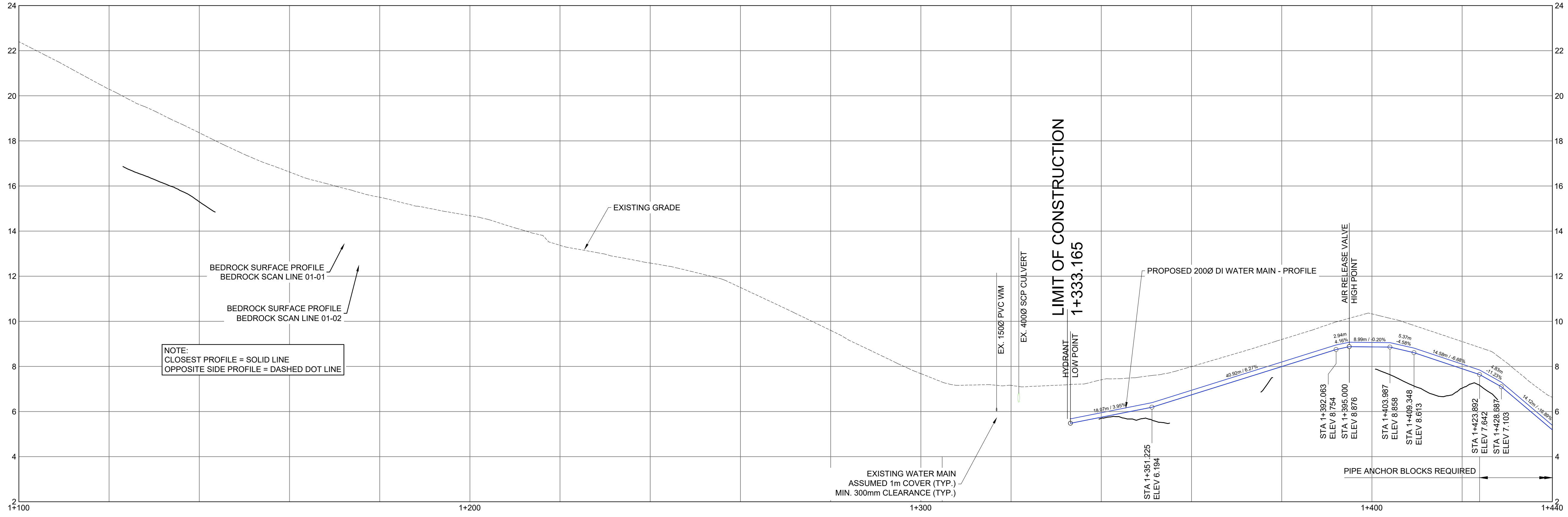
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OEL Project No.	723-9
Drawing No.	723-9-200
Sheet:	5 of 11
Revision	C

NOT FOR CONSTRUCTION

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WATERMAIN PROTECTION NOTE:  
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NOTE:  
 CLOSEST PROFILE = SOLID LINE  
 OPPOSITE SIDE PROFILE = DASHED DOT LINE

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SUNSHINE COAST REGIONAL DISTRICT  
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1975 Field Road  
 Sechelt, BC V0N 3A1  
 Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909

REFERENCE DRAWINGS

SCALE  
 H 1:500  
 V 1:100

Approved Seal

Designed: PN  
 Drawn: SD/MR  
 Checked: JM/LM  
 Surveyed: NC/MH  
 Date: JAN 2025

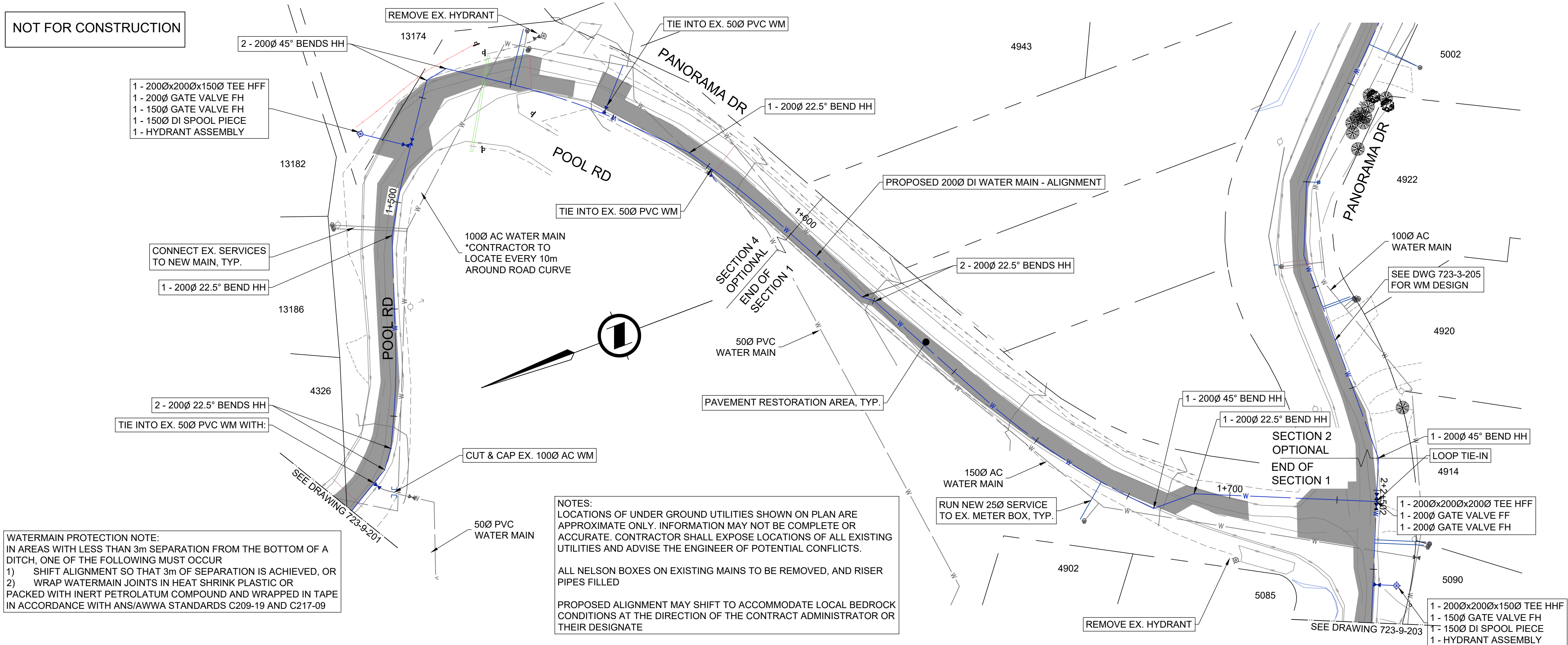
**ONSITE**  
 Engineering Ltd.

ABBOTSFORD OFFICE  
 #103-32310 SOUTH FRASER WAY  
 ABBOTSFORD, BC, V2T 1X1  
 PH: 604-309-1788  
 FAX: 604-309-6943  
 EIBC PERMIT TO PRACTICE No. 1002878

SUNSHINE COAST REGIONAL DISTRICT  
 NORTH PENDER HARBOUR  
 WATER MAIN REPLACEMENT  
 GARDEN BAY ROAD / POOL ROAD  
 STA 1+100 - 1+440 - PLAN & PROFILE

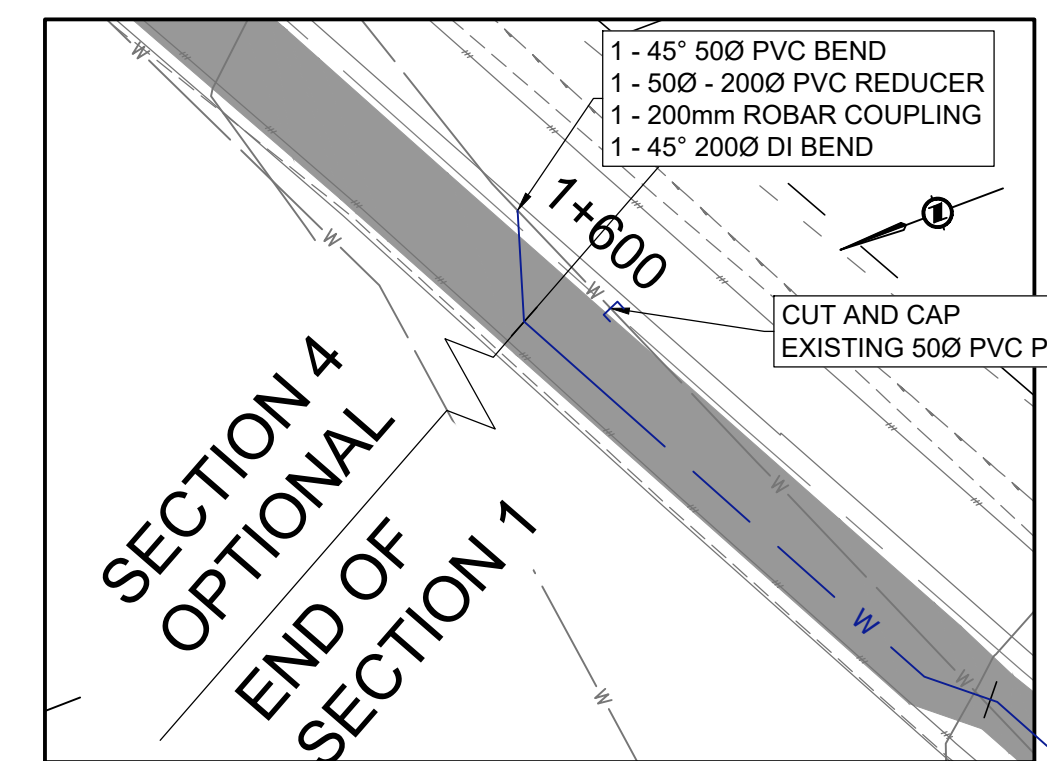
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 OEL Project No. 723-9  
 Drawing No. 723-9-201  
 Sheet: 6 of 11 Revision C

NOT FOR CONSTRUCTION

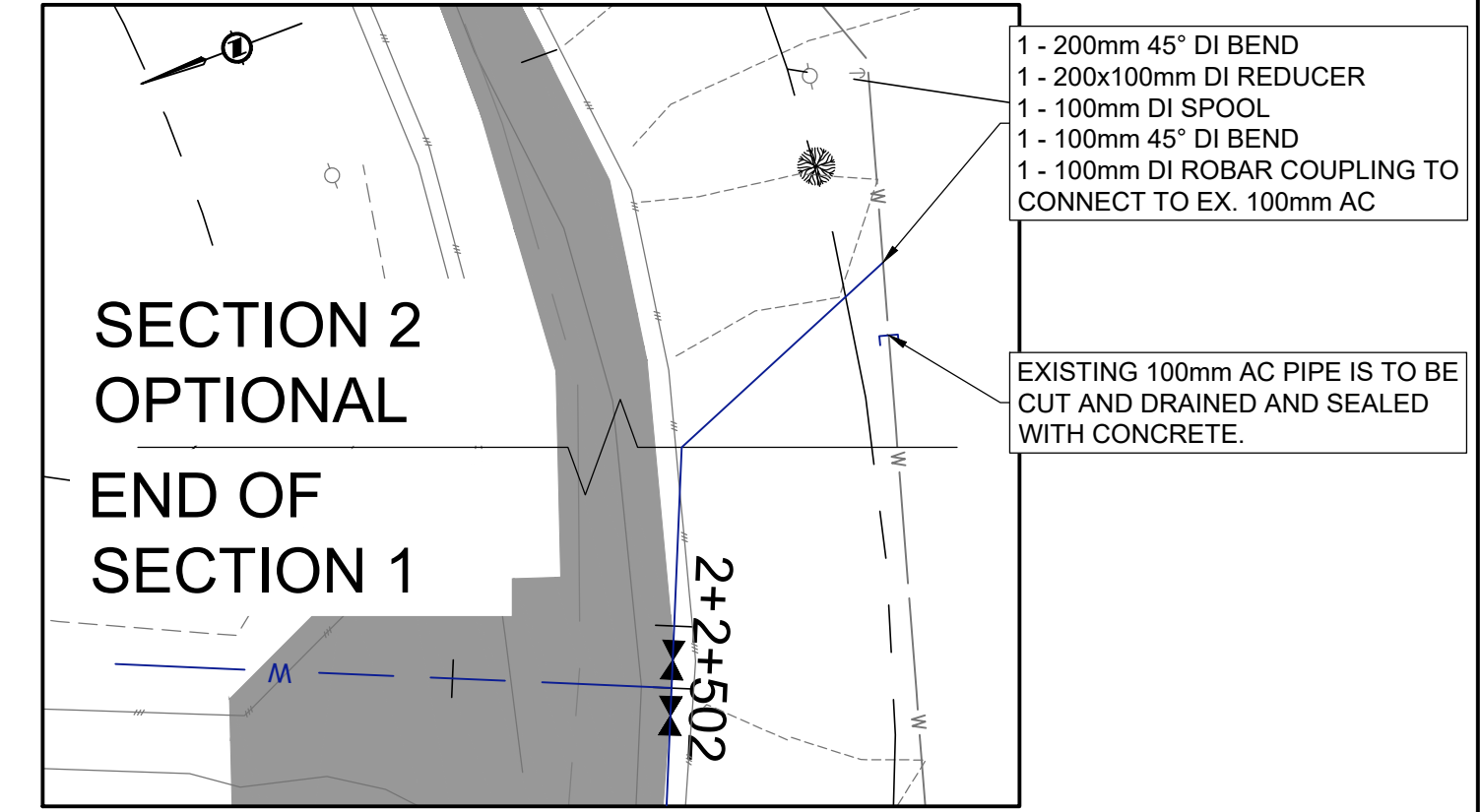


**WATERMAIN PROTECTION NOTE:**  
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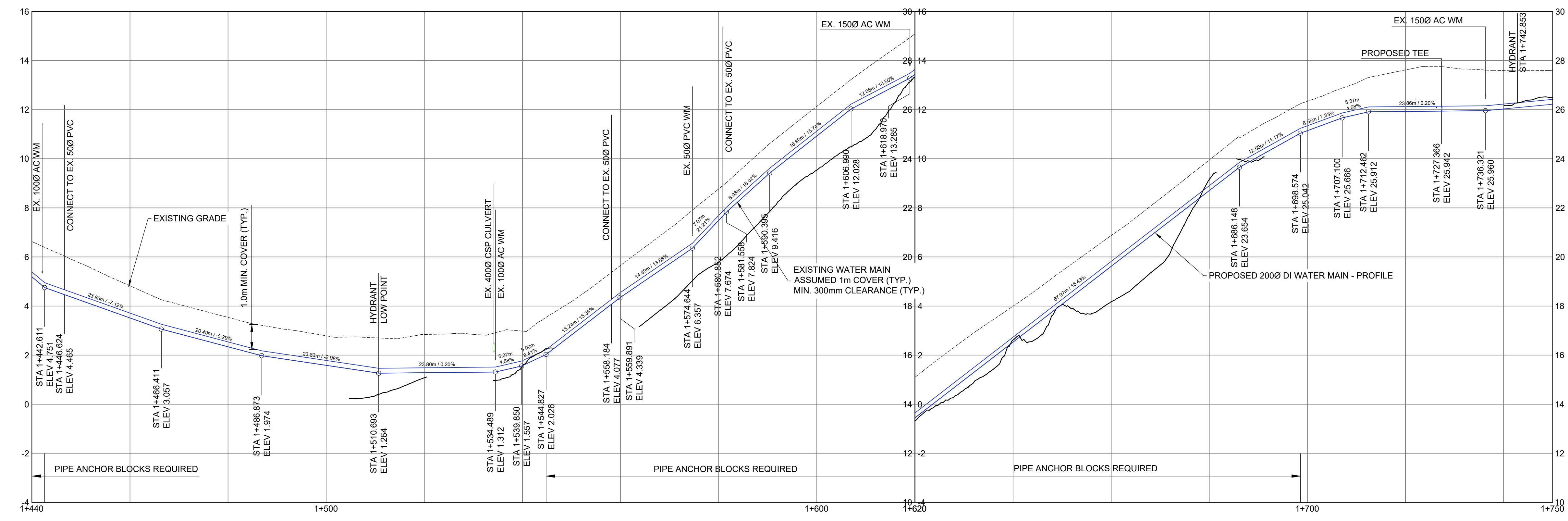
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OPTION 1 WITHOUT OPTION 4 TIE-IN DETAIL  
 SCALE 1:250



OPTION 1 WITHOUT OPTION 2 TIE-IN DETAIL  
 SCALE 1:250



C	MAR 31/2025	ISSUED FOR TENDER - REVISED	MR	LM
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A	JUNE 23/2023	ISSUED FOR TENDER	SG	JM
No.	Date	Revision	Drw.	Chk.

SUNSHINE COAST REGIONAL DISTRICT  
 WATER WORKS  
  
 1975 Field Road  
 Sechelt, BC V0N 3A1  
 Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909

REFERENCE DRAWINGS

SCALE  
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 V 1:100

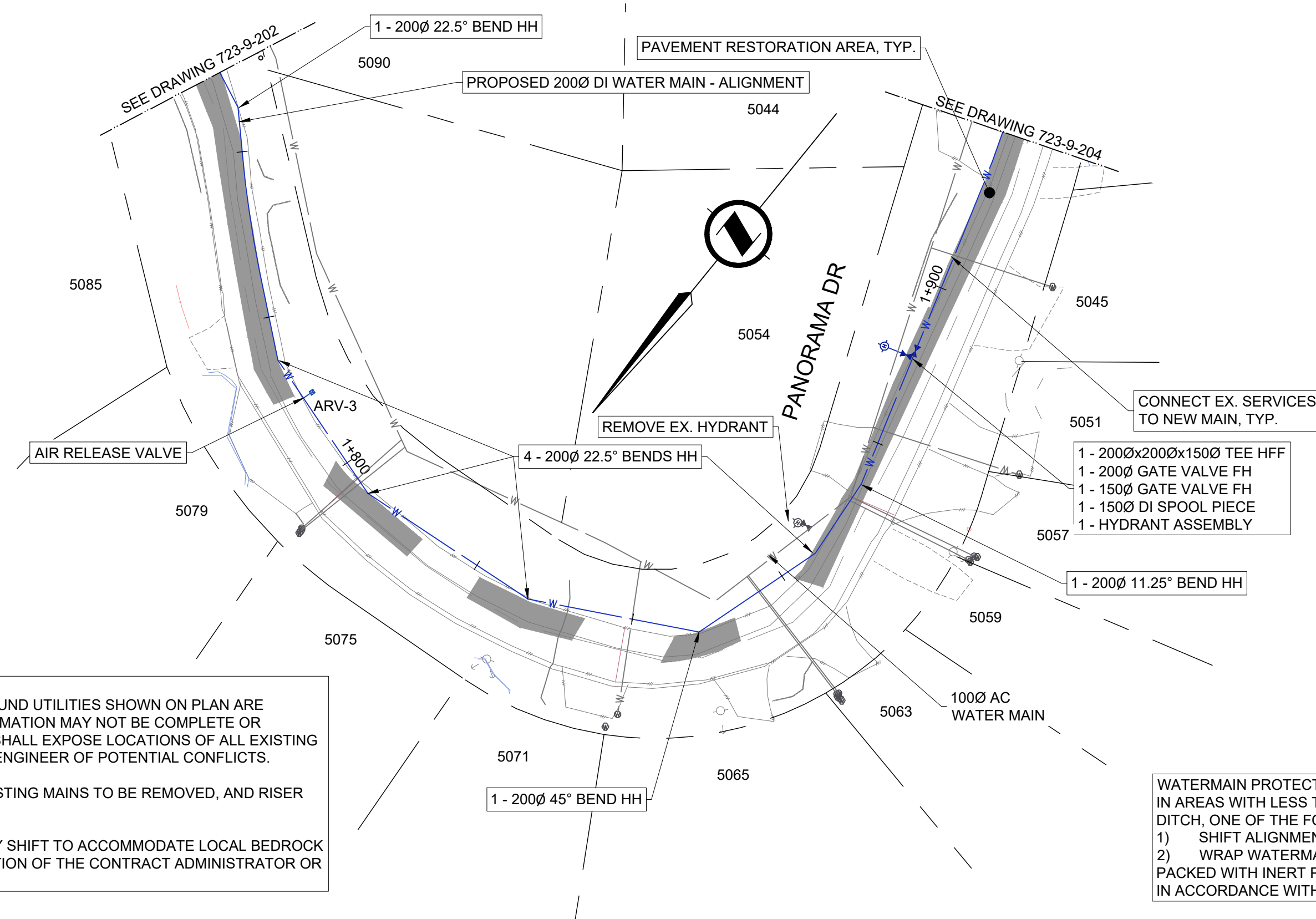
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 Drawn: SD/MR  
 Checked: JM/LM  
 Surveyed: NC/MH  
 Date: JAN 2025

**ONSITE Engineering Ltd.**  
 ABBOTSFORD OFFICE  
 #103-3210 SOUTH PRISER WAY  
 ABBOTSFORD, BC, V2T 1X1  
 PH: 604-309-1788  
 FAX: 604-326-6943  
 EGBC PERMIT TO PRACTICE No.: 1002078

SUNSHINE COAST REGIONAL DISTRICT  
 NORTH PENDER HARBOUR  
 WATER MAIN REPLACEMENT  
 POOL ROAD / PANORAMA DRIVE  
 STA 1+440 - 1+750 - PLAN & PROFILE

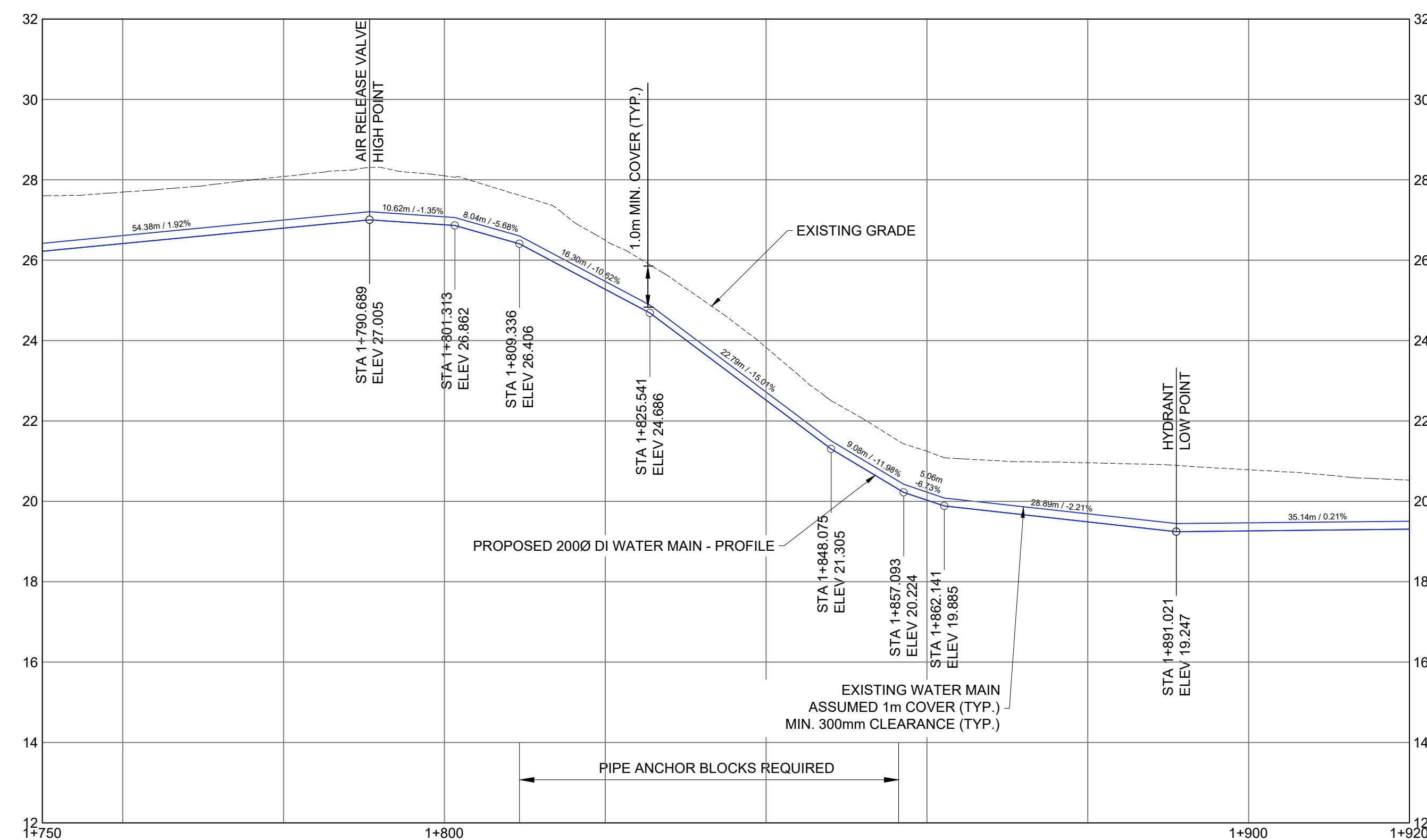
Client Project No.	
OEL Project No.	723-9
Drawing No.	723-9-202
Sheet:	7 of 11
Revision	C

NOT FOR CONSTRUCTION



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No.	Date	Revision	Draw	Chk.
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SUNSHINE COAST REGIONAL DISTRICT  
 WATER WORKS

1975 Field Road  
 Sechelt, BC V0N 3A1  
 Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909

REFERENCE DRAWINGS

Approved Seal

SCALE  
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 V 1:100

Designed: PN  
 Drawn: SD  
 Checked: JM  
 Surveyed: NC/MH  
 Date: JAN 2025

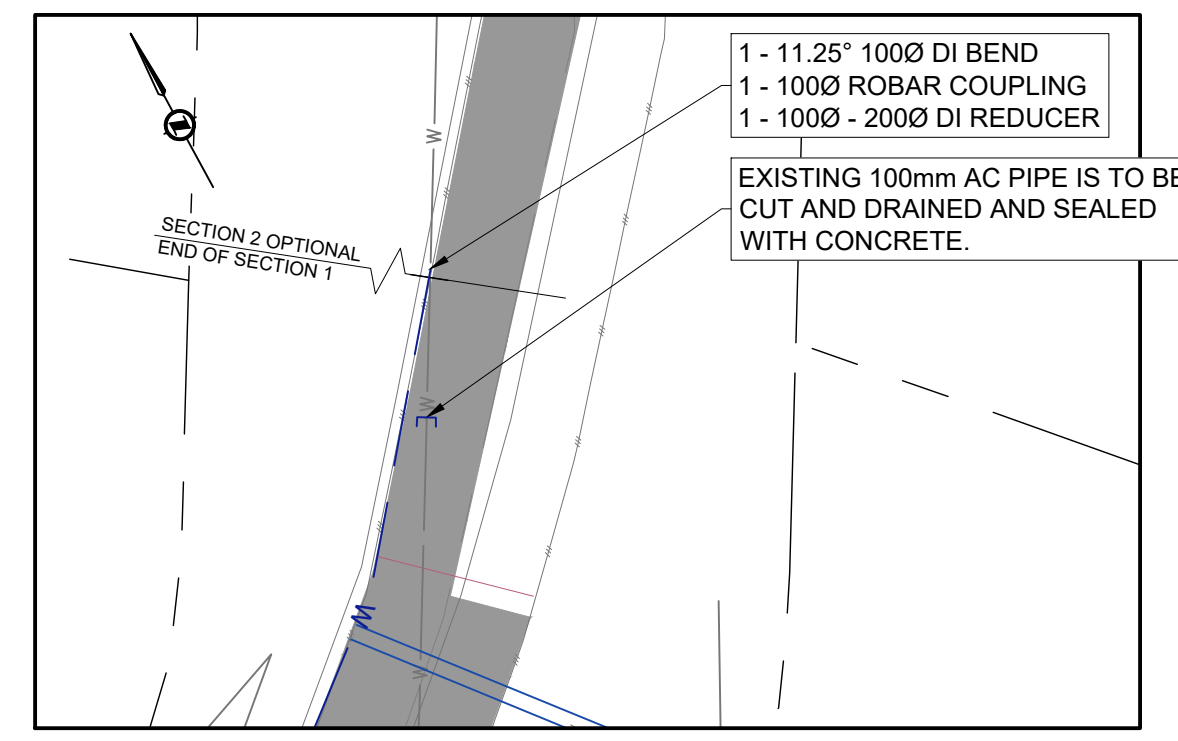
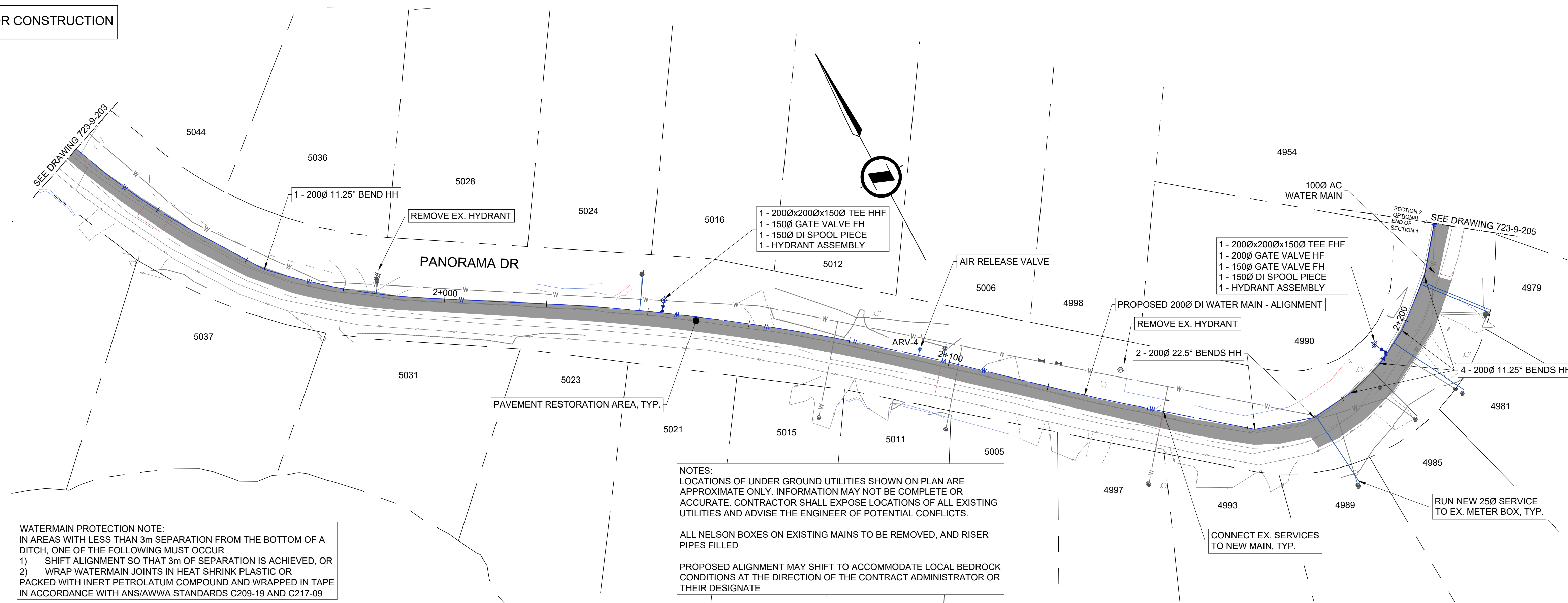
**ONSITE**  
 Engineering Ltd.  
 ABBOTSFORD OFFICE  
 #103-32310 SOUTH FRASER WAY  
 ABBOTSFORD, BC, V2T 1X1  
 PH: 604-309-1788  
 FAX: 604-309-6943  
 EGBC PERMIT TO PRACTICE No. 1002878

SUNSHINE COAST REGIONAL DISTRICT  
 NORTH PENDER HARBOUR  
 WATER MAIN REPLACEMENT  
 PANORAMA DRIVE  
 STA 1+750 - 1+920 - PLAN & PROFILE

Client Project No.	
OEL Project No.	723-9
Drawing No.	723-9-203
Sheet: 8 of 11	Revision B



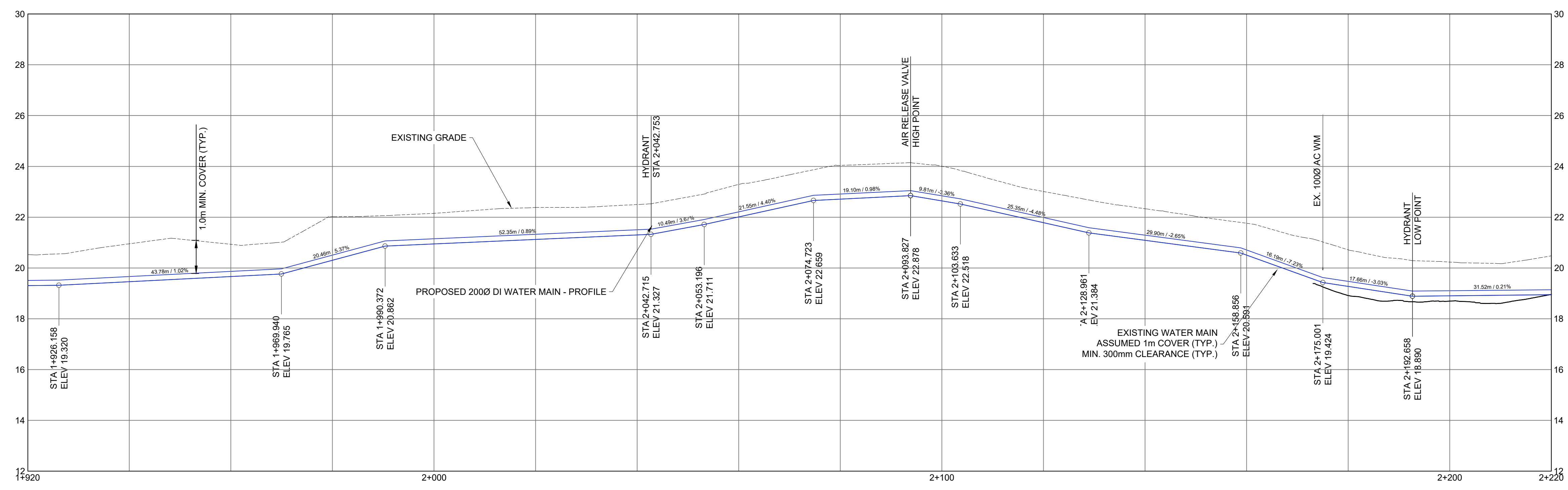
NOT FOR CONSTRUCTION



OPTION 1 WITHOUT OPTION 2 TIE-IN DETAIL  
SCALE 1:250

**WATERMAIN PROTECTION NOTE:**  
IN AREAS WITH LESS THAN 3m SEPARATION FROM THE BOTTOM OF A DITCH, ONE OF THE FOLLOWING MUST OCCUR  
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SUNSHINE COAST REGIONAL DISTRICT  
WATER WORKS

1975 Field Road  
Sechelt, BC V0N 3A1  
Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909

REFERENCE DRAWINGS


SCALE  
H 1:500  
V 1:100

0 5 25  
0 5

Approved Seal

Designed: PN  
Drawn: SD/MR  
Checked: JM/LM  
Surveyed: NC/MH  
Date: JAN 2025

**ONSITE**  
Engineering Ltd.  
ABBOTSFORD OFFICE  
#103-32310 SOUTH FRASER WAY  
ABBOTSFORD, BC, V2T 1X1  
PH: 604-309-1788  
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EGBC PERMIT TO PRACTICE No. 1002878

SUNSHINE COAST REGIONAL DISTRICT  
NORTH PENDER HARBOUR  
WATER MAIN REPLACEMENT  
PANORAMA DRIVE  
STA 1+920 - 2+220 - PLAN & PROFILE

Client Project No. 723-9

OEL Project No. 723-9

Drawing No. 723-9-204

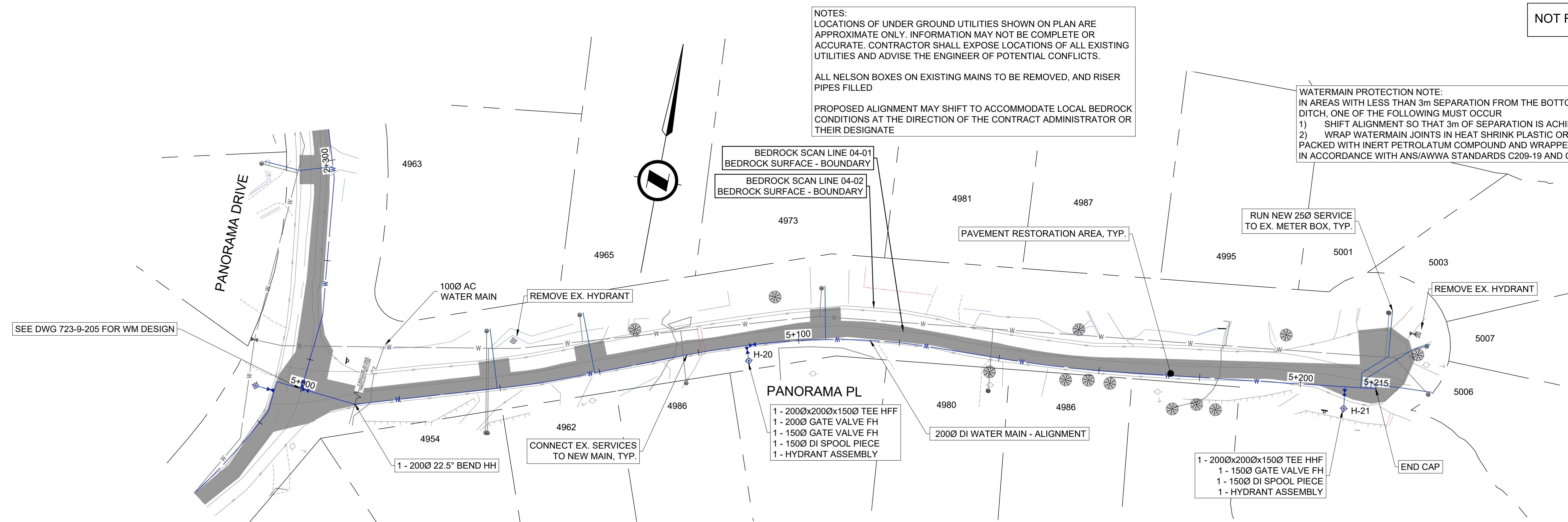
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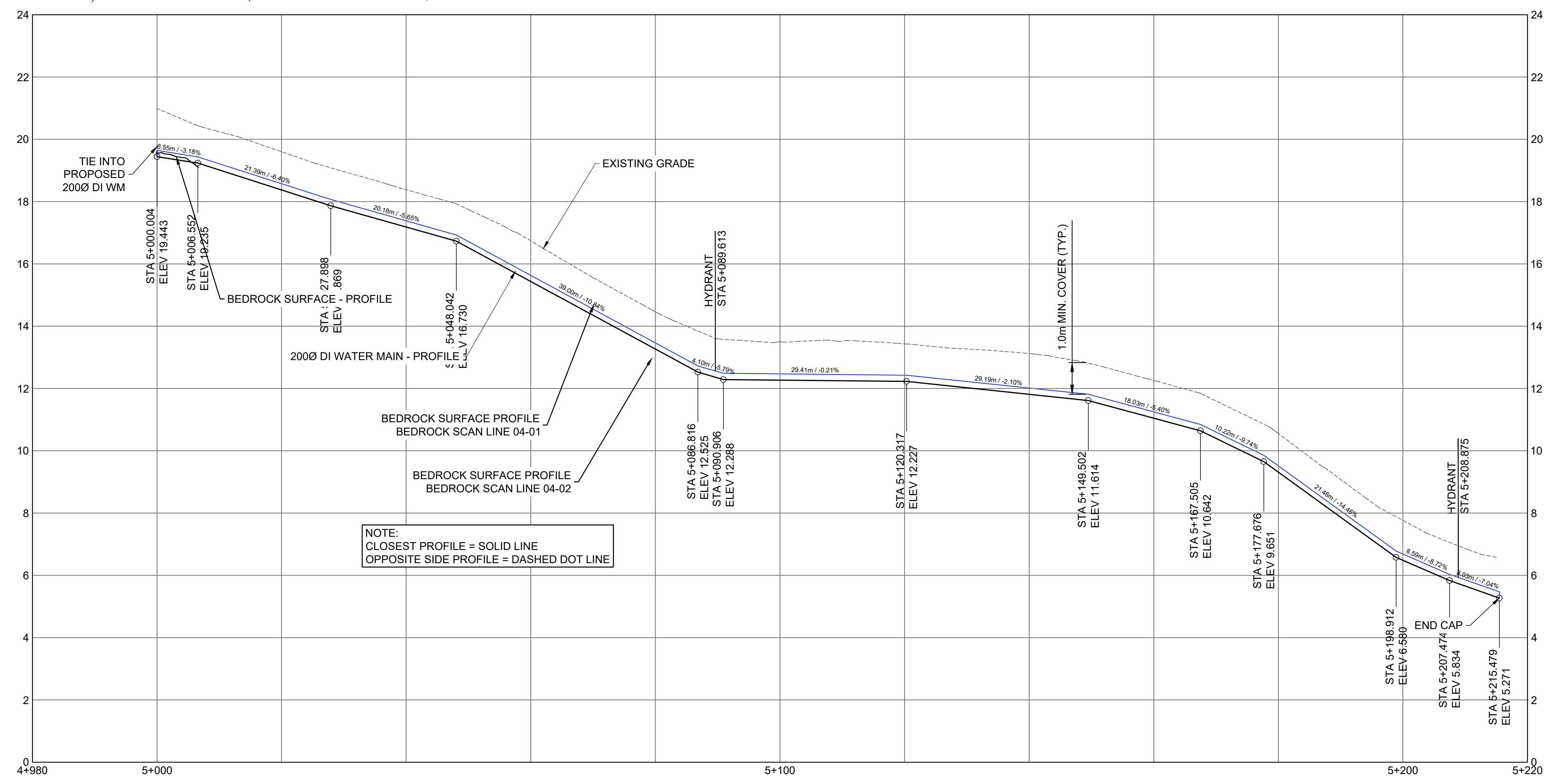
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SEE DWG 723-9-205 FOR WM DESIGN



NOTE:  
 CLOSEST PROFILE = SOLID LINE  
 OPPOSITE SIDE PROFILE = DASHED DOT LINE

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C	MAR 31/2025	ISSUED FOR TENDER - REVISED	MR	LM
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 PH: 604-885-6800 1-800-687-5753 FAX: 604-885-7909

REFERENCE DRAWINGS

Approved Seal

SCALE  
 H 1:500  
 V 1:100

Designed: PN  
 Drawn: SD/MR  
 Checked: JM/LM  
 Surveyed: NC/MH  
 Date: JAN 2025

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SUNSHINE COAST REGIONAL DISTRICT  
 NORTH PENDER HARBOUR  
 WATER MAIN REPLACEMENT  
 PANORAMA PLACE  
 STA 5+000 - 5+215 - PLAN & PROFILE

Client Project No.	
OEL Project No.	723-9
Drawing No.	723-9-206
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