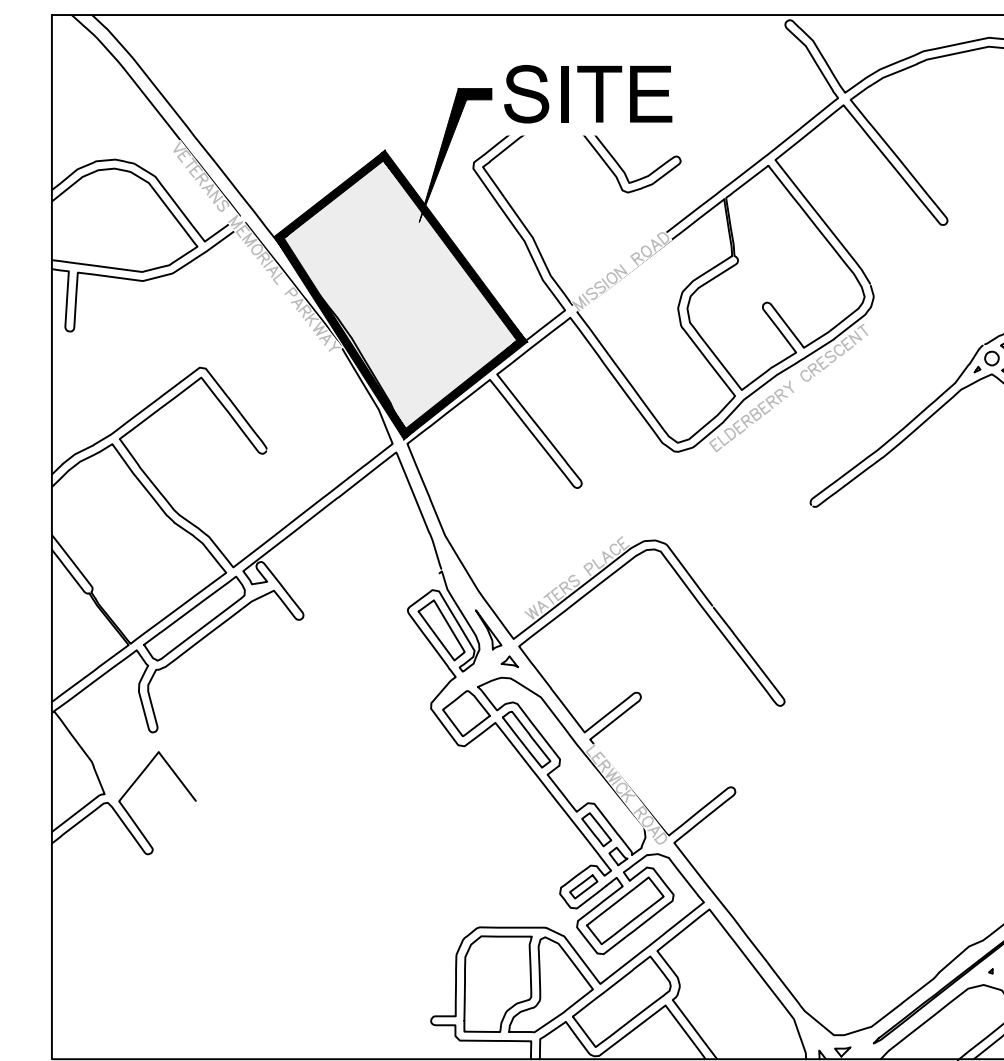


LEGEND

EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION
		EDGE OF PAVEMENT			REDUCER
		CURB AND GUTTER			FENCE
		EDGE OF GRAVEL			DITCH/SWALE
		TOP/BOTTOM OF BANK			WATERMAIN (SIZE AND MATERIAL NOTED)
		CATCH BASIN			SANITARY SEWER (SIZE AND MATERIAL NOTED)
		WATER VALVE			STORM DRAIN (SIZE AND MATERIAL NOTED)
		FIRE HYDRANT			UNDERGROUND TELEPHONE
		CAPPED END			UNDERGROUND HYDRO
		UTILITY POLE AND STREET LIGHT (LABELED PP,TP,PP/LS ETC.)			MONUMENT
		MANHOLE			PROPERTY LINE
		CLEANOUT			CENTERLINE AND STATIONING
		SANITARY/STORM INSPECTION CHAMBER (200# RISER)			SANITARY SEWER SERVICE CONNECTION AT MAIN
		JUNCTION BOX			ELEVATIONS
		AIR VALVE			PAVEMENT REMOVAL
		WATER METER			NEW ASPHALT

LIST OF DRAWINGS

DWG. No.	DESCRIPTION
C01	KEY PLAN, DRAWING LIST, & GENERAL NOTES
C02	OFF-SITE WORKS – PLAN/PROFILE VETERANS MEMORIAL PARKWAY – STA. 7+020 TO 7+130
C03	OFF-SITE WORKS – PLAN/PROFILE VETERANS MEMORIAL PARKWAY – STA. 7+130 TO 7+240
C04	OFF-SITE WORKS – PLAN PROFILE MISSION ROAD
C05	ONSITE UNDERGROUND WORKS – PLAN/PROFILE ROAD B – STA. 3+010 TO 3+180
C06	ONSITE UNDERGROUND WORKS – PLAN/PROFILE ROAD A – STA. 1+000 TO 1+120
C07	ONSITE SURFACE WORKS – PLAN/PROFILE ROAD B – STA. 3+010 TO 3+180
C08	ONSITE SURFACE WORKS – PLAN/PROFILE ROAD A – STA. 1+000 TO 1+120
C09	ONSITE SURFACE WORKS – PLAN/PROFILE PARKING LOT – STA. 2+060 TO 2+200
C10	ONSITE PROFILES
C11	GRAVEL TRAILWAY – PLAN/PROFILE STA. – 12+00 TO 12+140
C12	WATER METER DETAILS
C13	STORM WATER MANAGEMENT PLAN & DETAILS
C14	EROSION AND SEDIMENT CONTROL PLAN



LOCATION PLAN
NTS

GENERAL NOTES:

- ALL WORK AND MATERIALS ARE TO BE AS DESCRIBED IN THE CITY OF COURTENAY SUBDIVISION AND DEVELOPMENT SERVICING BYLAW No. 2919, MMCD STANDARDS & SPECIFICATIONS, OR AS OTHERWISE APPROVED BY THE CITY ENGINEER.
- CONNECTION TO, OR ALTERATION OF, EXISTING CITY-OWNED UTILITIES, REQUIRES AUTHORIZATION BY THE CITY ENGINEER.
- A "PERMIT TO INSTALL WORKS WITHIN STREETS, LANES AND CITY PROPERTY AREAS" WILL BE REQUIRED WHERE CONSTRUCTION IS TO BE UNDERTAKEN IN CITY OF COURTENAY RIGHT-OF-WAYS AND/OR CITY OF COURTENAY-OWNED UTILITIES OR PROPERTIES.
- UPON APPROVAL OF THE PERMIT, THE CITY OF COURTENAY'S CONSTRUCTION DIVISION SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
- THE ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR TO COMPLY WITH ALL APPLICABLE MINISTRY OF ENVIRONMENT AND DEPARTMENT OF FISHERIES & OCEANS CANADA REQUIREMENTS AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR TO CONFIRM LOCATION OF EXISTING UTILITIES AT ALL CROSSINGS AND CONNECTIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO CONFIRM THAT ELEVATION, LOCATION AND GRADIENT OF ASPHALT MATCH EXISTING PRIOR TO PLACEMENT OF ASPHALT OR CONCRETE.
- ALL TREES NOT BEING REMOVED IN THE CONSTRUCTION AREA SHALL BE PROTECTED.
- ADJUST ALL MANHOLES, WATER VALVES, HYDRO VAULTS, ETC. TO MATCH NEW CONSTRUCTION.
- ALL LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED BY USE OF A PIPE LOCATOR AND MANUAL DIGGING. ALL OR ANY STRUCTURES NOT NECESSARILY SHOWN.
- ALL DISTURBED SURFACES TO BE RESTORED TO EXISTING CONDITION OR BETTER.
- ALL ELEVATIONS ARE TO GEODETIC DATUM AND ARE REFERENCED TO TRAVERSE HUB #150 WITH GEODETIC ELEVATION OF 88.90m.
- DATA SOURCES:
-TOPOGRAPHIC SURVEY COMPLETED BY BRUCE LEWIS SURVEYING IN SEPTEMBER 2019.
-RECORD DRAWINGS PROVIDED BY THE CITY OF COURTENAY.

WATERMAIN NOTES:

- WHERE THE WATERMAIN IS WITHIN 3.0m HORIZONTALLY OR 0.50m VERTICALLY OF A STORM OR SANITARY SEWER, JOINTS ARE TO BE WRAPPED IN ACCORDANCE WITH ISLAND HEALTH AUTHORITY GUIDELINES.
- ALL WATERMANS ARE TO BE PVC C900 DR18 (RATED TO 235 psi) WITH INTEGRALLY THICKENED BELL TO ASTM D3139, UNLESS OTHERWISE NOTED.
- A FULL LENGTH SECTION OF WATERMAIN PIPE IS TO BE INSTALLED DIRECTLY ADJACENT TO ALL FITTINGS WHERE APPLICABLE.
- ALL WATERMAIN FITTINGS TO HAVE BOTH JOINT RESTRAINTS AND THRUST BLOCKS.
- ALL ABANDONED HYDRANTS, VALVES AND NELSON BOXES TO BE REMOVED AND DISPOSED OFF SITE.
- HANDLING, REMOVAL AND DISPOSAL OF ASBESTOS CEMENT PIPE TO BE AS PER WORKSAFE BC GUIDELINES, AND APPLICABLE REGULATORY REQUIREMENTS.

WATER SERVICE NOTES:

- ALL WATER SERVICES ARE TO BE 25# CTS POLYETHYLENE TO AWWA C901 (MIN. INTERNAL DIAMETER = 19mm), PRESSURE CLASS 200 TUBING CERTIFIED TO CSA B137.1 UNLESS OTHERWISE NOTED.
- TRACER WIRE (14 GAUGE, BLUE IN COLOUR) SUITABLE FOR DIRECT BURY TO BE INSTALLED AS A CONTINUOUS LENGTH ALONG THE CENTERLINE OF THE SERVICE PIPE, AFFIXED TO THE TOP OF THE PIPE AT 1.0m INTERVALS. RUN WIRE FROM CORPORATION STOP TO METER BOX & COIL NEATLY AT TERMINAL POINTS WITH 600mm SURPLUS LENGTH. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.

STORM SEWER NOTES:

- ALL CATCH BASINS ARE TO BE CITY OF COURTENAY CSSD S11 TYPE UNLESS OTHERWISE NOTED.
- ALL CATCH BASIN LEADS ARE TO BE 200# PVC SDR35 UNLESS OTHERWISE NOTED.
- ALL STORM SERVICES ARE TO BE 150# PVC SDR28 UNLESS OTHERWISE NOTED.

SANITARY SEWER NOTES:

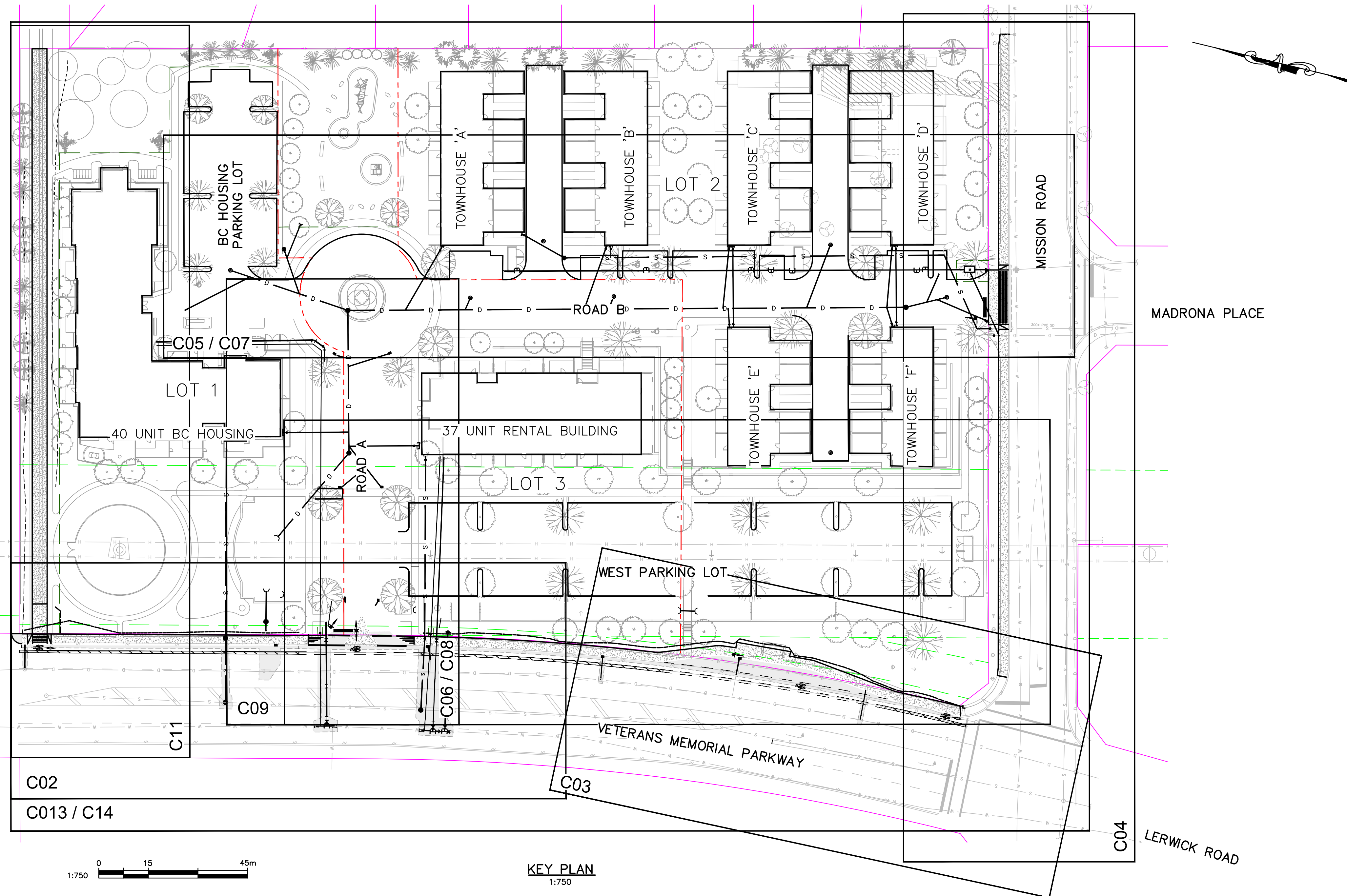
- ALL SANITARY SERVICES ARE TO BE 100# PVC SDR28 UNLESS OTHERWISE NOTED.

ROAD NOTES:

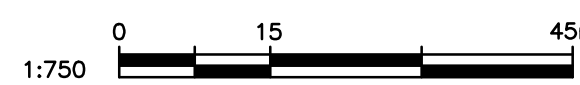
- ALL CURB AND GUTTER TO BE MMCD C4 BARRIER CURB WITH GUTTER UNLESS OTHERWISE NOTED.

PRIVATE UTILITY NOTES:

- PRIVATE UTILITY MAIN AND SERVICE LOCATIONS ARE APPROXIMATE ONLY AND ARE BASED ON BC ONE CALL INFORMATION.



KEY PLAN
1:750

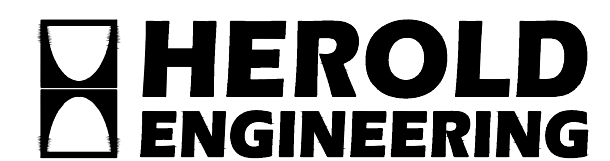


ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
B	2021.06.01	ISSUED FOR APPROVAL
C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

CLIENT

2700 MISSION ROAD

COURTENAY, BC
ORMONIZ PROJECT CORP.



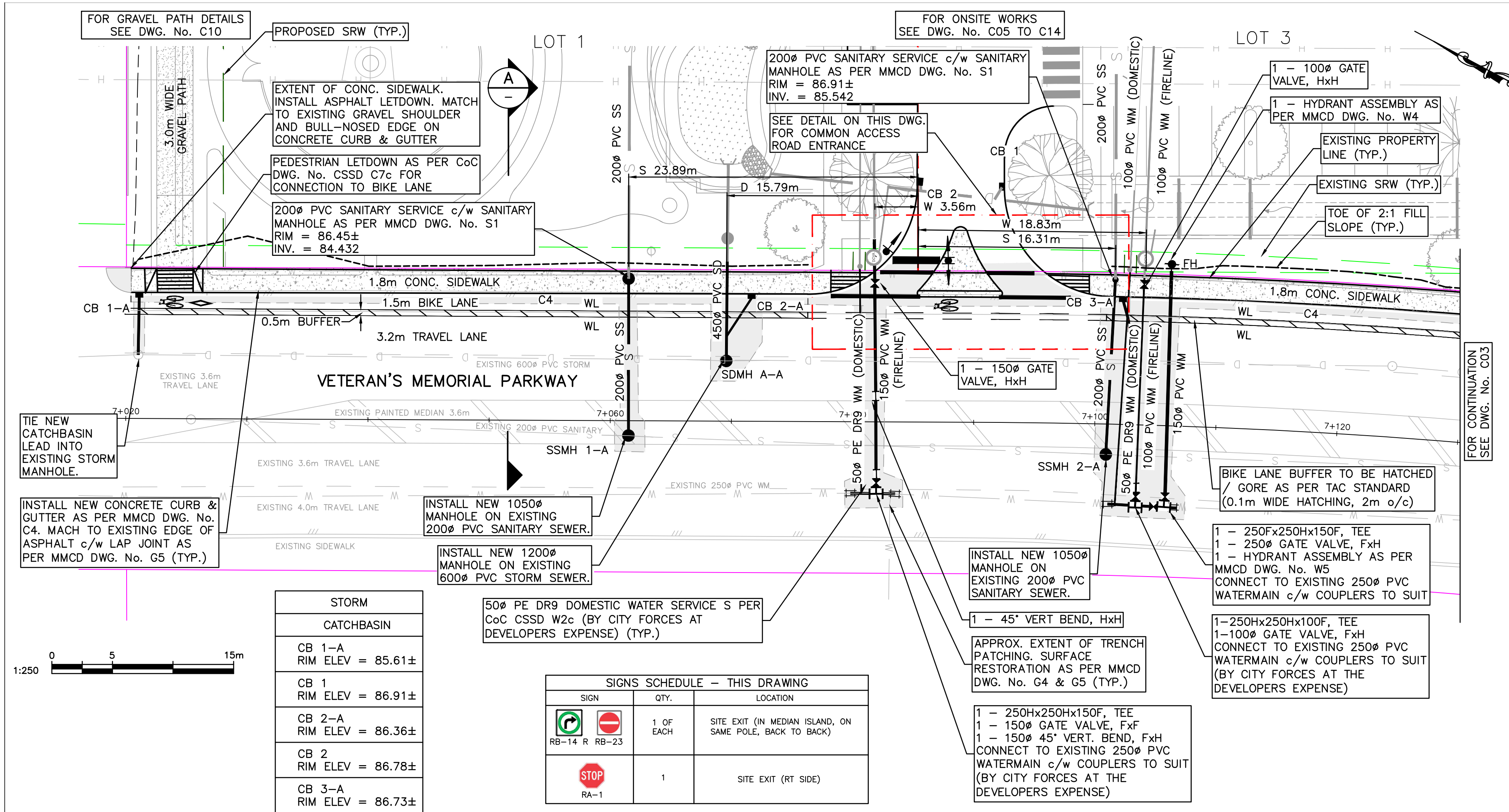
3701 Shenton Rd, Nanaimo, BC V9T 2H1
Tel: 250-751-8558 Fax: 250-751-8559
Email: mail@heroldengineering.com

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KEY PLAN, LEGEND,
GENERAL NOTES, &
DRAWING LIST

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No.
SCALE H: 1:750 V: NA	CITY FILE No. 3320-20-2101
HEL DRAWING No. C01	REVISION 1 OF 14 C

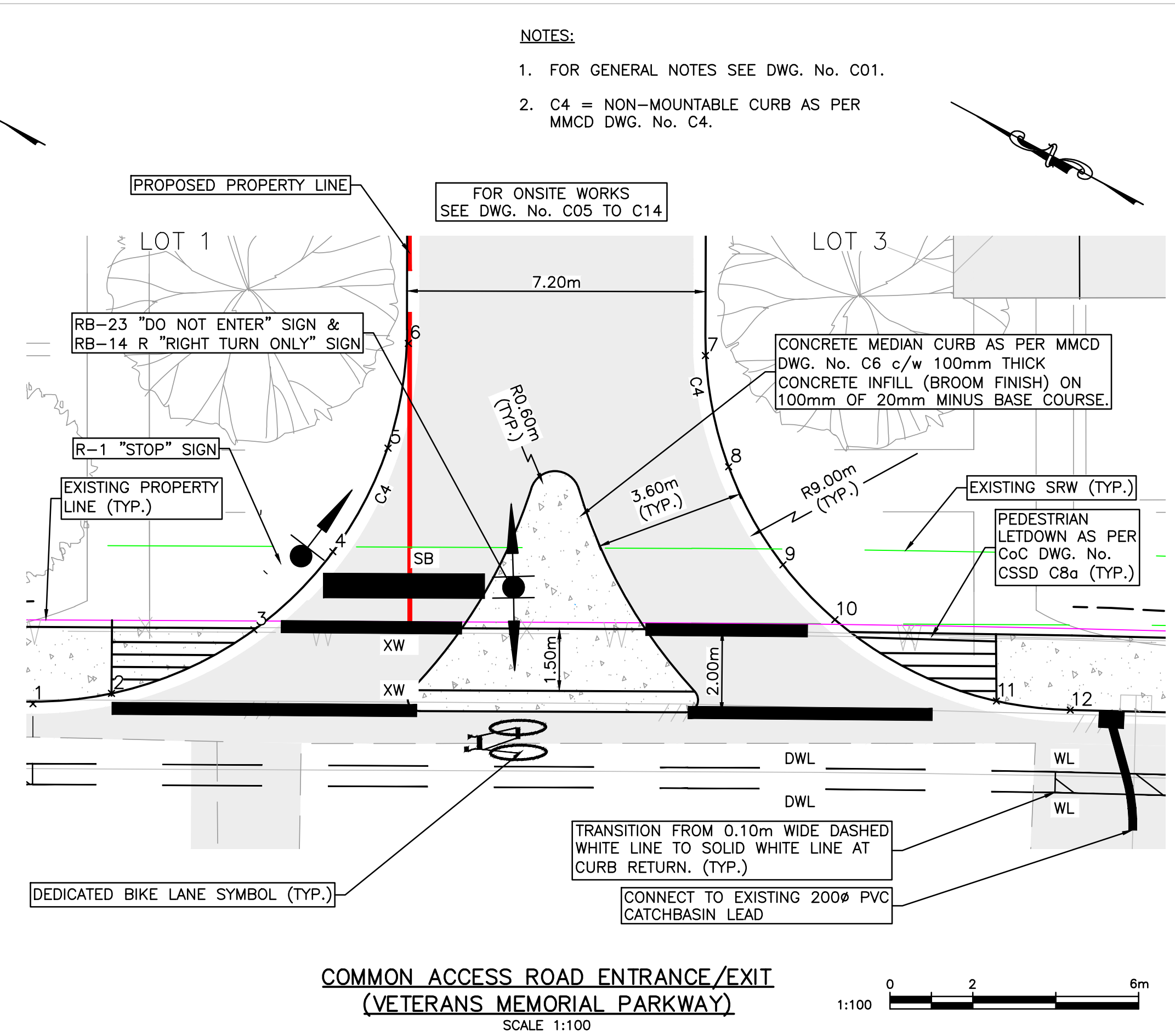
File: H:\Projects\5116-001 2700 Mission Road - Civil Services\5116-001 Civil Drawings.dwg Plot Times: Jun. 23, 21 9:01 AM User: Evan Pearce



STORM CATCHBASIN	
CB 1-A	RIM ELEV = 85.61±
CB 1	RIM ELEV = 86.91±
CB 2-A	RIM ELEV = 86.36±
CB 2	RIM ELEV = 86.78±
CB 3-A	RIM ELEV = 86.73±

SIGNS SCHEDULE - THIS DRAWING		
SIGN	QTY.	LOCATION
	1 OF EACH	SITE EXIT (N MEDIAN ISLAND, ON SAME POLE, BACK TO BACK)
	1	SITE EXIT (RT SIDE)

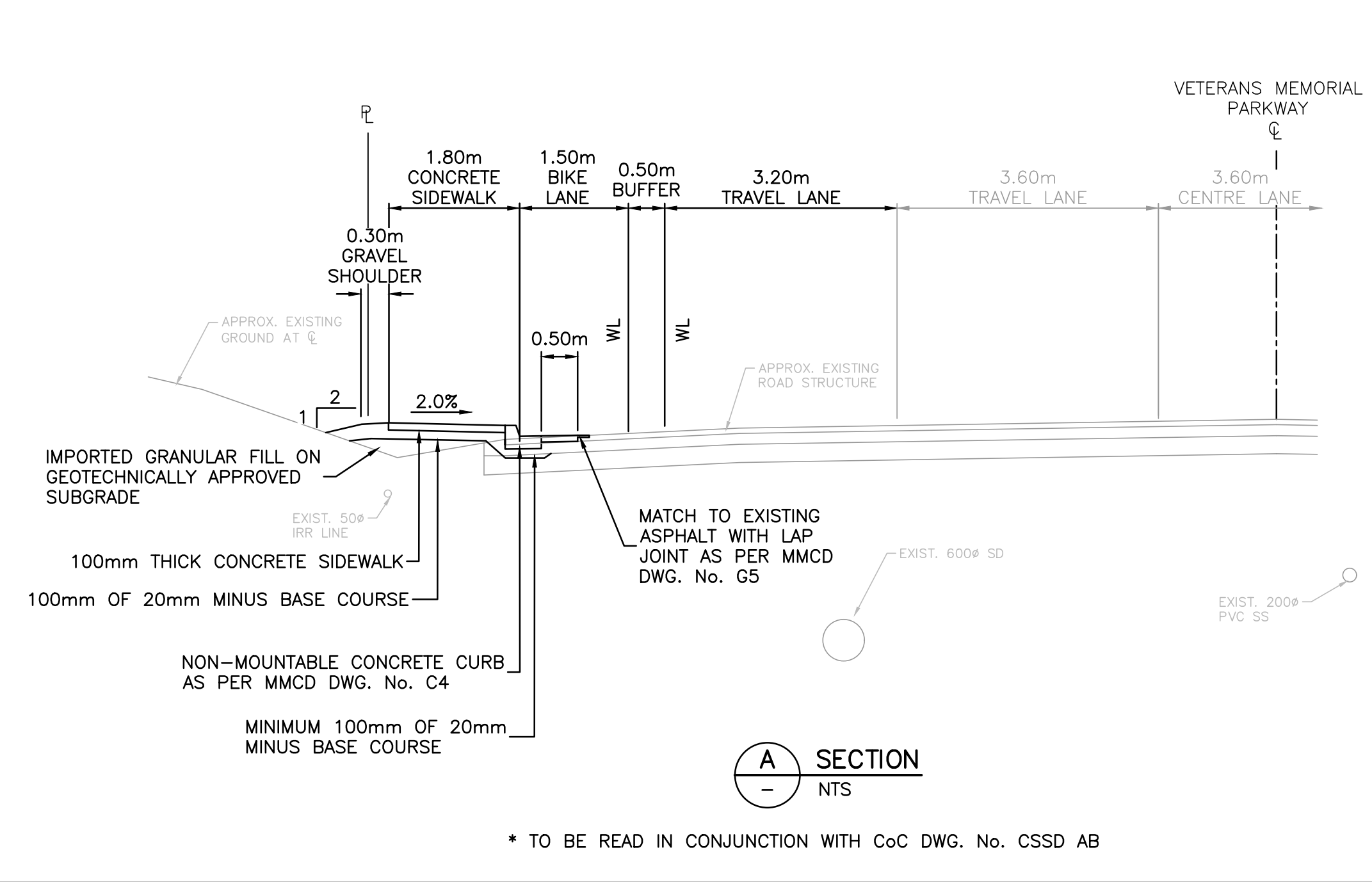
CHAINAGE	DESIGN STORM SEWER ELEVATIONS	DESIGN SANITARY SEWER ELEVATIONS	DESIGN GUTTER ELEVATIONS	EXISTING ELEVATIONS	CHAINAGE
7+040			85.704	85.93	7+060
			85.792	86.02	7+062
			85.877	86.11	
			85.960	86.19	
			86.035	86.25	
			86.110	86.31	
			86.185	86.38	
			86.260	86.44	7+070
			86.314	86.50	
			86.368	86.56	
			86.412	86.63	
			86.464	86.69	7+080
			86.518	86.75	7+081.98
			86.572	86.81	
			86.626	86.88	
			86.680	86.94	7+100
			86.734	87.00	7+101
			86.788	87.06	1+012.44
			86.842	87.12	1+012.49
			86.896	87.18	
			86.950	87.24	7+120
			87.004	87.30	
			87.058		
			87.112		
			87.166		
			87.220		
			87.274		
			87.328		



- LINE PAINTING AND SIGNAGE NOTES:**
- ALL PAINT MARKINGS AND SIGNAGE TO BE AS PER THE 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' (MUTCD) AND THE 'BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA' PUBLISHED BY THE TRANSPORTATION ASSOCIATION OF CANADA.
 - ALL SIGNS TO BE MOUNTED AT A HEIGHT OF 2.0m TO 3.0m.
 - ALL STOP BARS, CROSSWALK BARS AND TURNING ARROWS TO BE THERMOPLASTIC PAINT.
 - ALL EXISTING PARKING RELATED SIGNAGE TO BE KEPT, REMOVED, OR REINSTALLED AS PER DIRECTION FROM CITY REPRESENTATIVE.
 - PAINT MARKING LEGEND:
 - 'WL' - WHITE LINE, 0.1m WIDE
 - 'DWL' - DASHED WHITE LINE, 0.1m WIDE
 - 'YL' - YELLOW LINE, 0.1m WIDE
 - 'DYL' - DASHED YELLOW LINE, 0.1m WIDE
 - 'SB' - DENOTES STOP BAR, 0.6m WIDE
 - 'ZXW' - DENOTES ZEBRA STYLE CROSSWALK, MULTIPLE 0.6m WIDE BARS, 2.5m LONG.
 - 'XW' - DENOTES BAR STYLE CROSSWALK, 2-0.3m WIDE BARS, LENGTH TO SUIT.

CURB RETURN ELEVATIONS

1	86.434
2	86.478
3	86.561
4	86.626
5	86.697
6	49.438
7	86.904
8	86.884
9	86.859
10	86.838
11	86.771
12	86.742



ISSUES

No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
B	2021.06.01	ISSUED FOR APPROVAL
C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

2700 MISSION ROAD
COURTENAY, BC
ORMONIZ PROJECT CORP.

HEROLD ENGINEERING
3701 Shenton Rd, Nanaimo, BC V9T 2H1
Tel: 250-751-8558 Fax: 250-751-8559
Email: mail@heroldengineering.com

OFF-SITE WORKS - PLAN/PROFILE
VETERANS MEMORIAL PARKWAY - STA. 7+020 TO 7+130

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No.
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101
HEL DRAWING No. C02	REVISION 2 OF 14 C

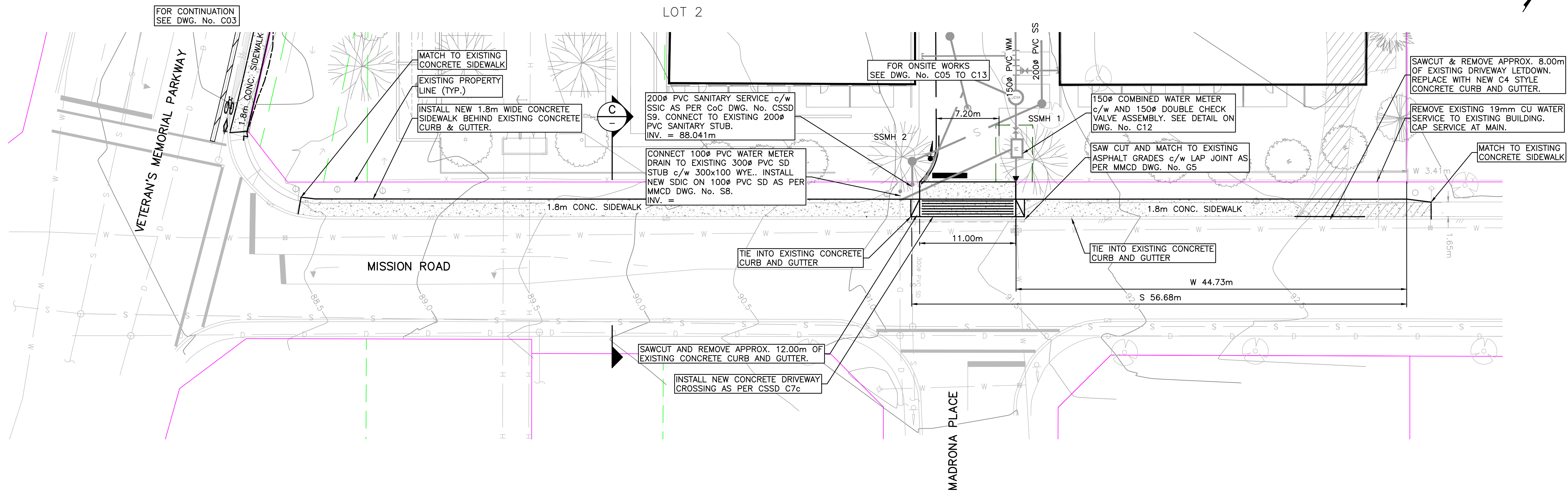
DESTROY ALL DRAWINGS SHOWING PREVIOUS REVISION

File: H:\Projects\5116-001 2700 Mission Road - Civil Services\04c Drawings\04c Drawings.dwg Plot Time: Jun. 23, 21 9:02 AM User: Evan Pearce

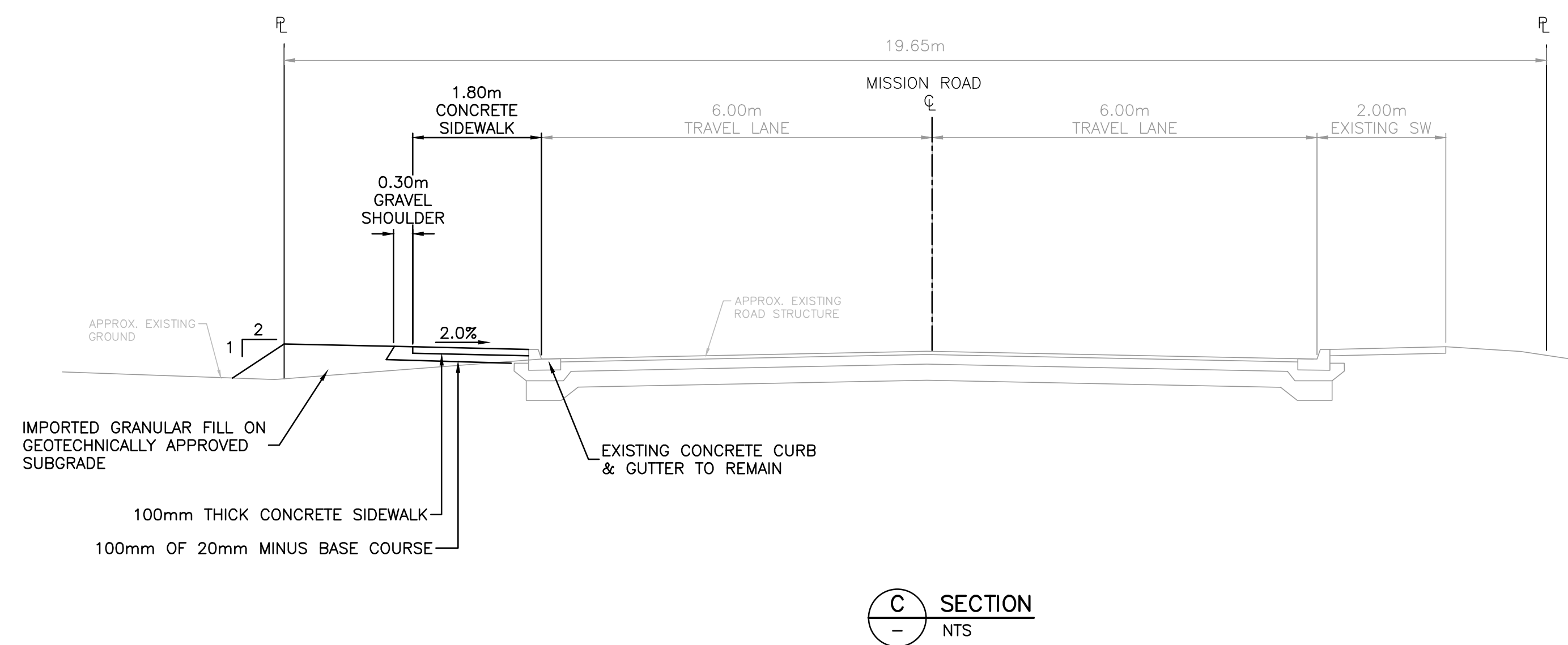
NOTES:
1. FOR GENERAL NOTES SEE DWG. No. C01.

ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
B	2021.06.01	ISSUED FOR APPROVAL
C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

CLIENT



STORM
CATCHBASIN
CB 15
RIM ELEV = 91.31±



* TO BE READ IN CONJUNCTION WITH CoC DWG. No. CSSD CUB

2700 MISSION ROAD

COURTENAY, BC
ORMONIZ PROJECT CORP.

HEROLD ENGINEERING

3701 Shenton Rd, Nanaimo, BC V9T 2H1
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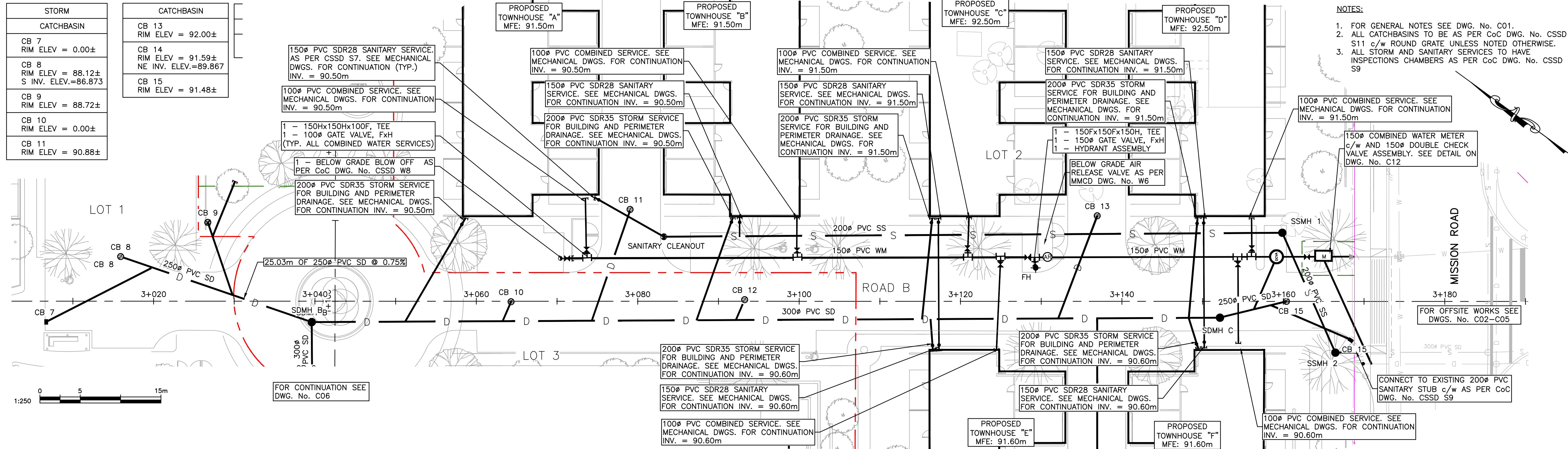
OFF-SITE WORKS
MISSION ROAD

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No.
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101
HEL DRAWING No. C04	REVISION 4 OF 14 C

DESTROY ALL DRAWINGS SHOWING PREVIOUS REVISION

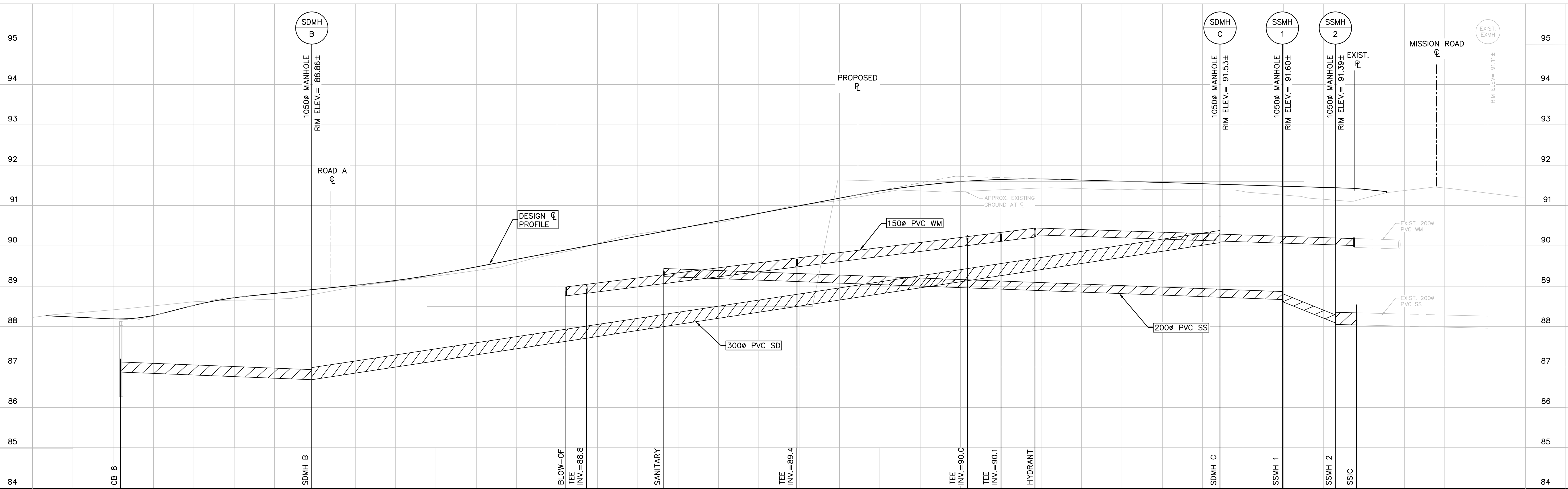
STORM	
CATCHBASIN	
CB 7	RIM ELEV = 0.00±
CB 8	RIM ELEV = 88.12± S INV. ELEV.=86.873
CB 9	RIM ELEV = 88.72±
CB 10	RIM ELEV = 0.00±
CB 11	RIM ELEV = 90.88±

CATCHBASIN	
CB 13	RIM ELEV = 92.00±
CB 14	RIM ELEV = 91.59± NE INV. ELEV.=89.867
CB 15	RIM ELEV = 91.48±



- NOTES:**
- FOR GENERAL NOTES SEE DWG. No. C01.
 - ALL CATCHBASINS TO BE AS PER CoC DWG. No. CSSD S11 c/w ROUND GRATE UNLESS NOTED OTHERWISE.
 - ALL STORM AND SANITARY SERVICES TO HAVE INSPECTIONS CHAMBERS AS PER CoC DWG. No. CSSD S9

ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
B	2021.06.01	ISSUED FOR APPROVAL
C	2021.XX.XX	ISSUED FOR BUILDING PERMIT



CHAINAGE	DESIGN WATERMAIN ELEVATIONS	DESIGN SANITARY SEWER ELEVATIONS	DESIGN STORM SEWER ELEVATIONS	DESIGN @ ELEVATIONS	EXISTING @ ELEVATIONS
3+016	88.238	88.42	86.873(S)	88.42	88.191
3+020	88.51	88.277	86.635(SW) 86.685(N)	88.51	88.277
3+026	88.62	88.529	86.685(SW) 86.685(SE)	88.62	88.529
3+032	88.66	88.717		88.66	88.717
3+038	88.68	88.823		88.68	88.823
3+044	88.81	88.924		88.81	88.924
3+050	88.99	89.026		88.99	89.026
3+056	89.12	89.142		89.12	89.142
3+062	89.25	89.295		89.25	89.295
3+068	89.39	89.479		89.39	89.479
3+074	89.58	89.669		89.58	89.669
3+080	89.81	89.858		89.81	89.858
3+086	90.06	90.047		90.06	90.047
3+092	90.30	90.236		90.30	90.236
3+098	90.44	90.426		90.44	90.426
3+104	90.58	90.615		90.58	90.615
3+110	90.80	90.804		90.80	90.804
3+116	91.01	90.993		91.01	90.993
3+122	91.13	91.182		91.13	91.182
3+128	91.31	91.361		91.31	91.361
3+134	91.36	91.498		91.36	91.498
3+140	91.35	91.594		91.35	91.594
3+146	91.39	91.647		91.39	91.647
3+152	91.43	91.657		91.43	91.657
3+158	91.42	91.632		91.42	91.632
3+164	91.39	91.601		91.39	91.601
3+170	91.39	91.570		91.39	91.570
3+176	91.39	91.540		91.39	91.540
3+182	91.35	91.509		91.35	91.509
3+188	91.26	91.479		91.26	91.479
3+194	91.16	91.448		91.16	91.448
3+200	91.18	91.401		91.18	91.401
3+206	91.37	91.37		91.37	91.37
3+212	91.44	91.32		91.44	91.32
3+218	91.32	91.21		91.32	91.21

2700 MISSION ROAD
COURTENAY, BC
ORMONIZ PROJECT CORP.

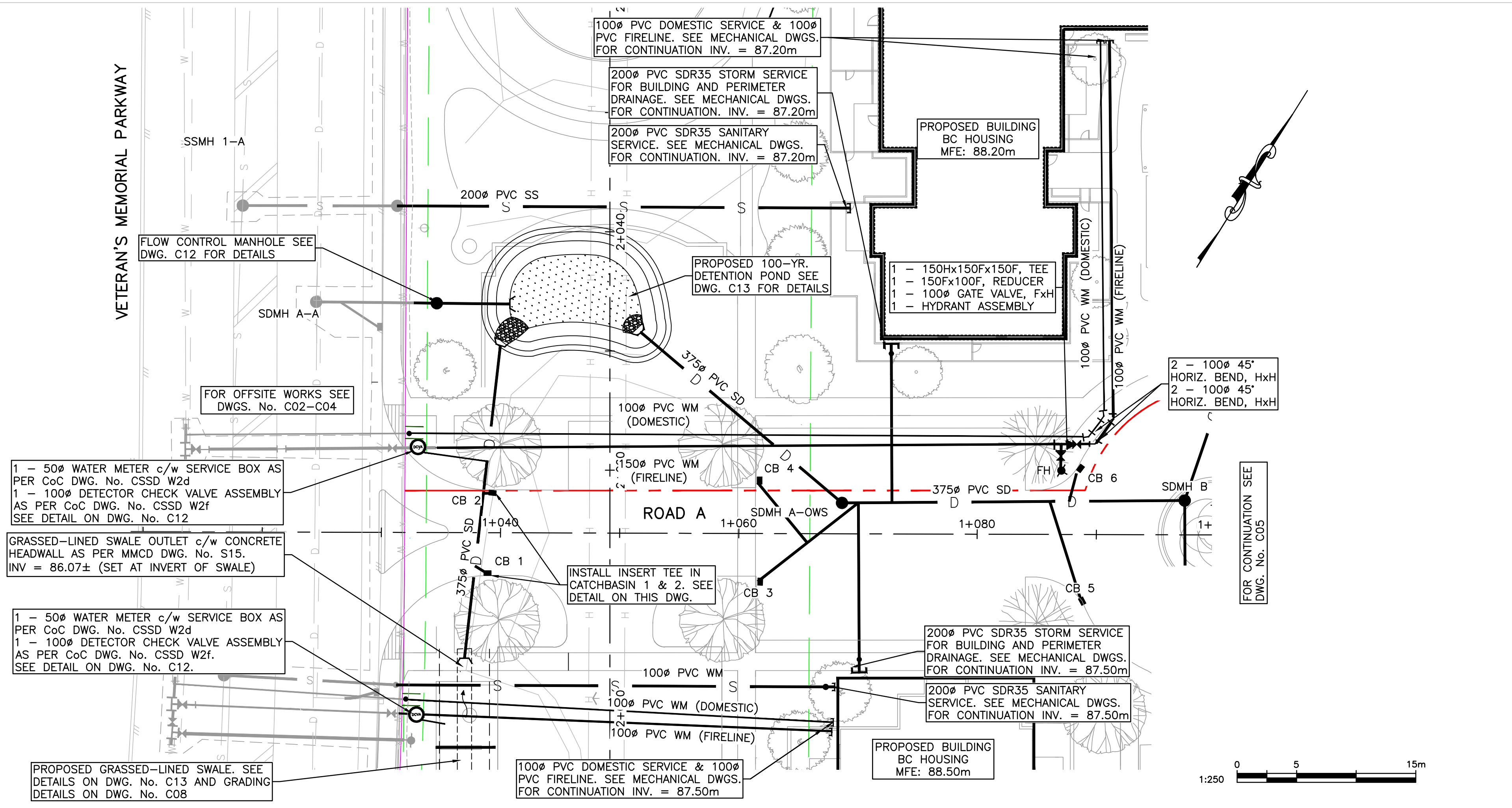
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3701 Shenton Rd, Nanaimo, BC V9T 2H1
Tel: 250-751-8558 Fax: 250-751-8559
Email: mail@heroldengineering.com

WATERMAIN, STORM & SANITARY SEWER PLAN/PROFILE
ROAD B - STA 3+010 TO 3+195

DESIGNED	JVT	ENGINEER'S SEAL	
DESIGN REVIEW	PCR		
DRAFTED	JVT/EP		
DRAFTING REVIEW	PCR		
PROJECT No.	5116-001	CLIENT DRAWING No.	C05
SCALE	H: 1:250 V: 1:50	CITY FILE No.	3320-20-2101
HEL DRAWING No.	C05	REVISION	5 OF 14

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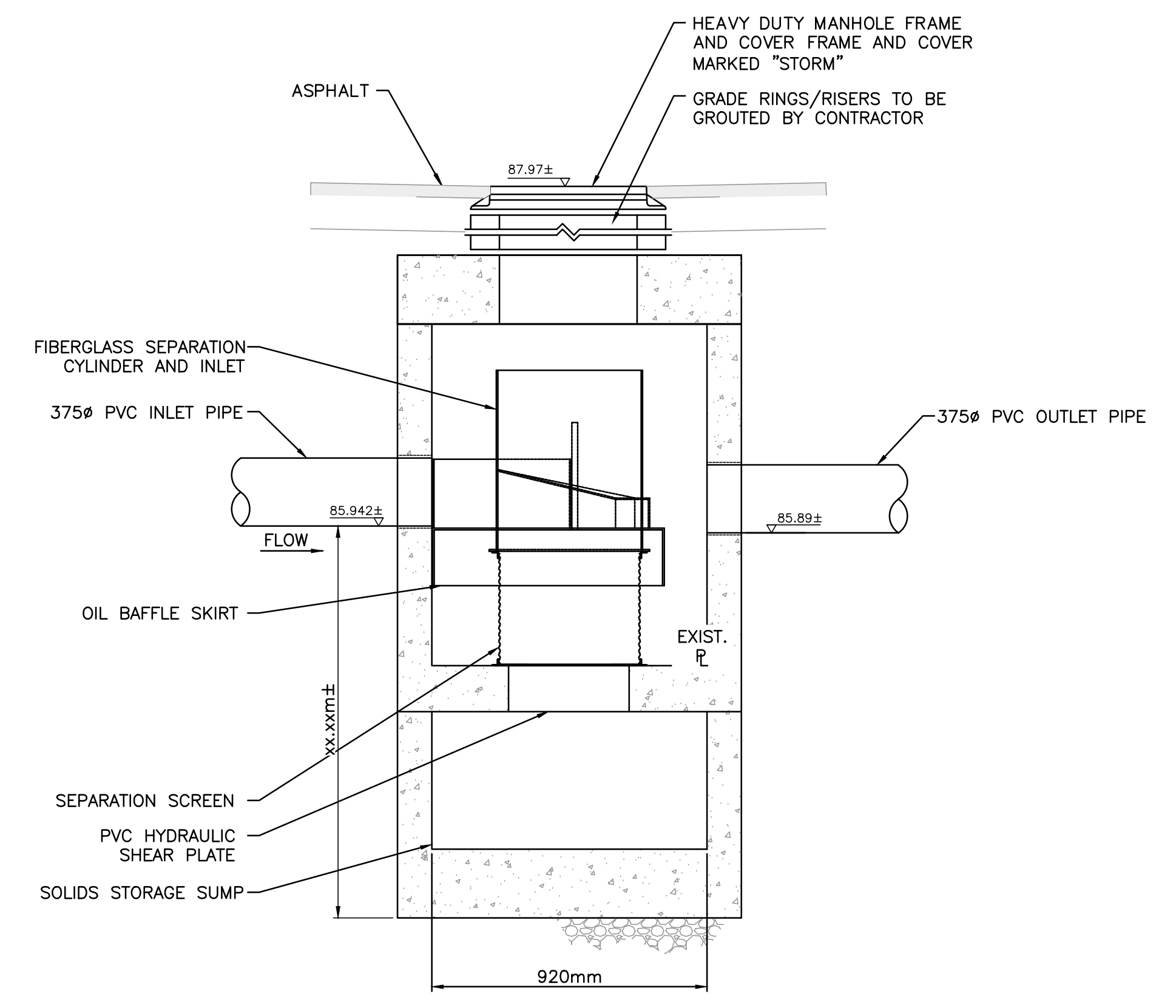
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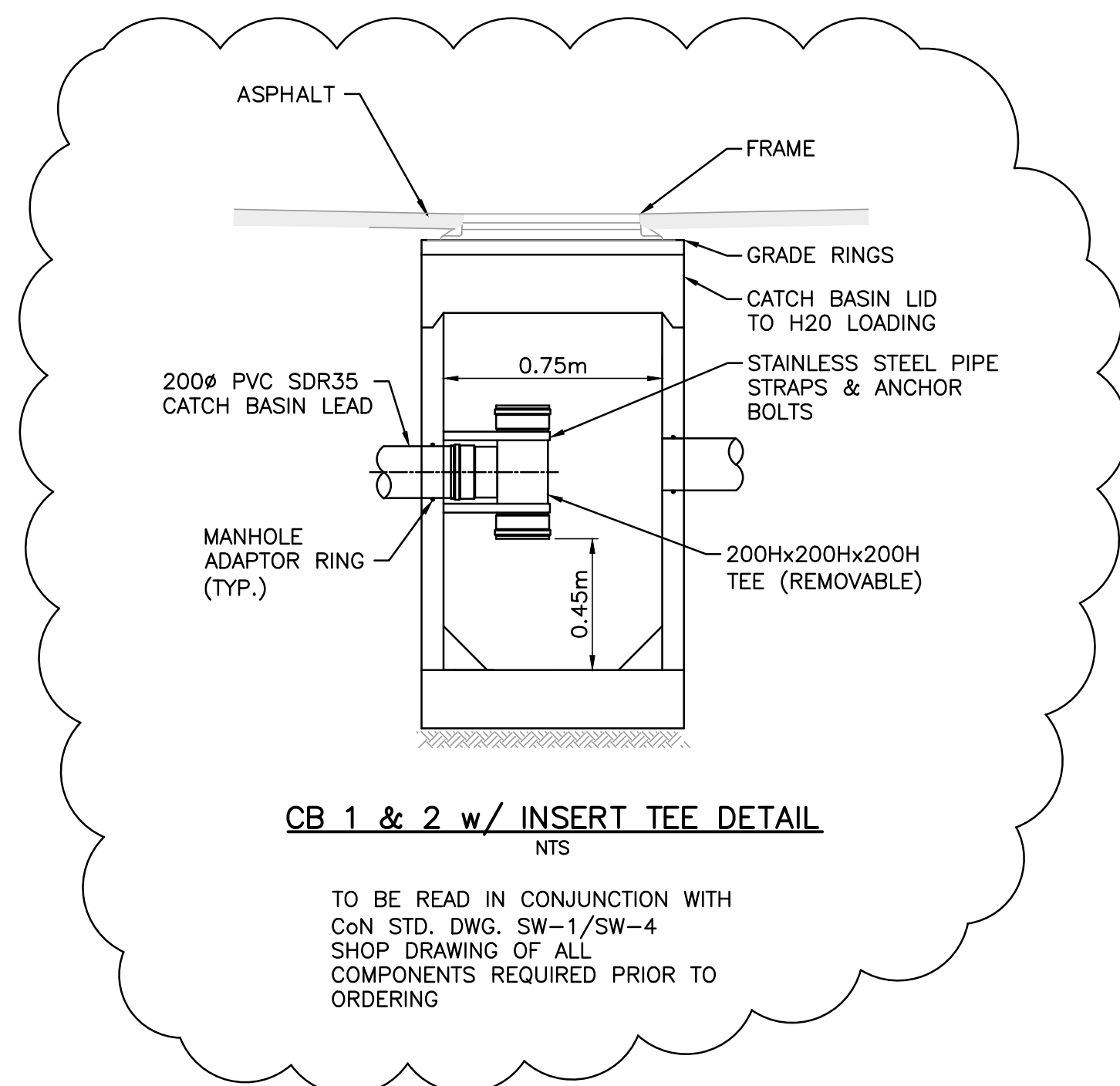
STORM CATCHBASIN	
CB 1	RIM ELEV = 86.91±
CB 2	RIM ELEV = 86.78±
CB 3	RIM ELEV = 87.77±
CB 4	RIM ELEV = 87.63±
CB 5	RIM ELEV = 88.87±
CB 6	RIM ELEV = 88.64±

- NOTES:**
- FOR GENERAL NOTES SEE DWG. No. C01.
 - ALL CATCHBASINS TO BE AS PER CoC DWG. No. CSSD S11 UNLESS NOTED OTHERWISE.
 - ALL STORM AND SANITARY SERVICES TO HAVE INSPECTIONS CHAMBERS AS PER CoC DWG. No. CSSD S9

ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
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C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

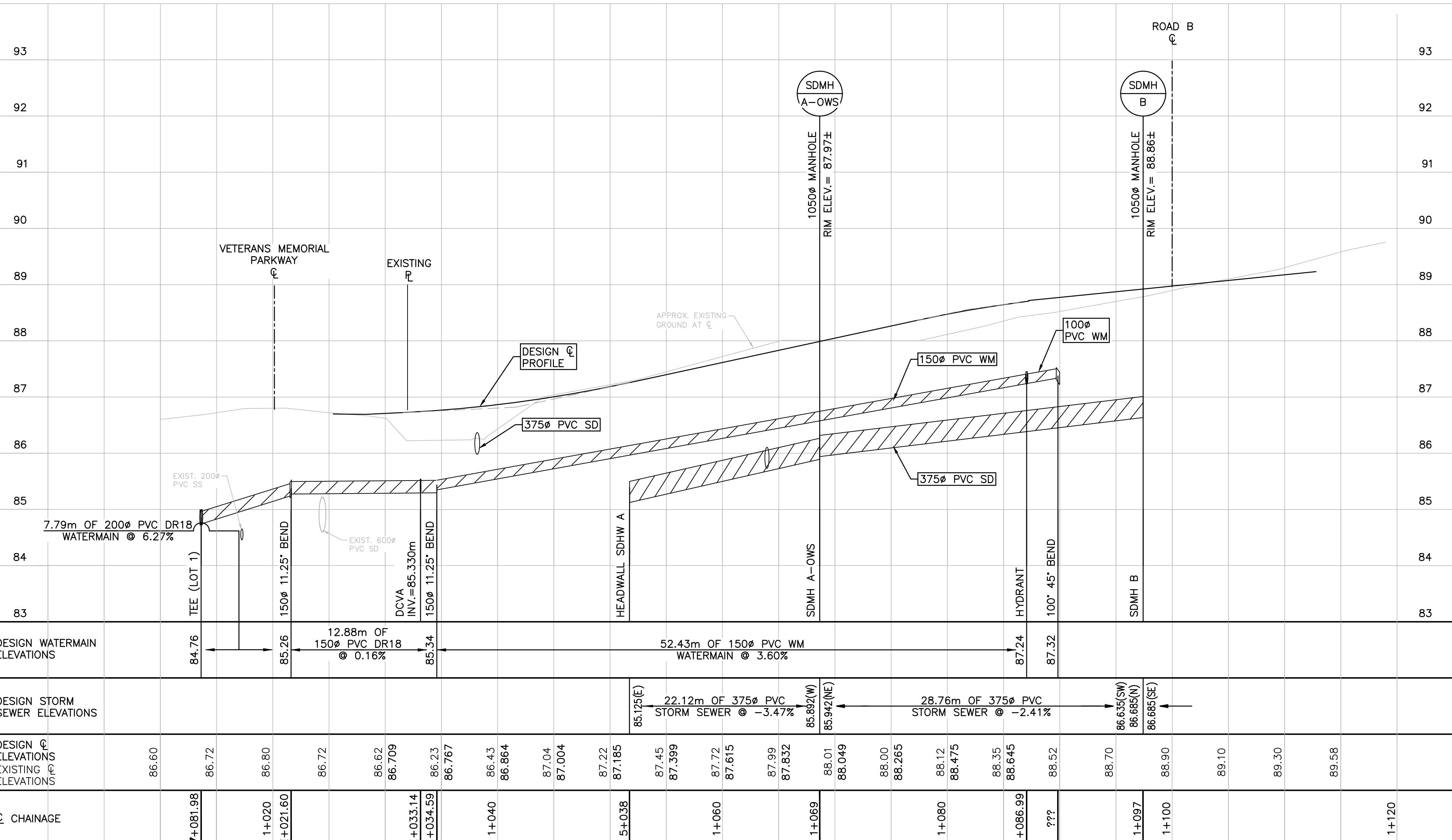


SDMH A - CONTECH CDS 1515-3
NTS
(SHOP DRAWING REQUIRED PRIOR TO CONSTRUCTION)



CB 1 & 2 w/ INSERT TEE DETAIL
NTS

TO BE READ IN CONJUNCTION WITH CoN STD. DWG. SW-1/SW-4 SHOP DRAWING OF ALL COMPONENTS REQUIRED PRIOR TO ORDERING



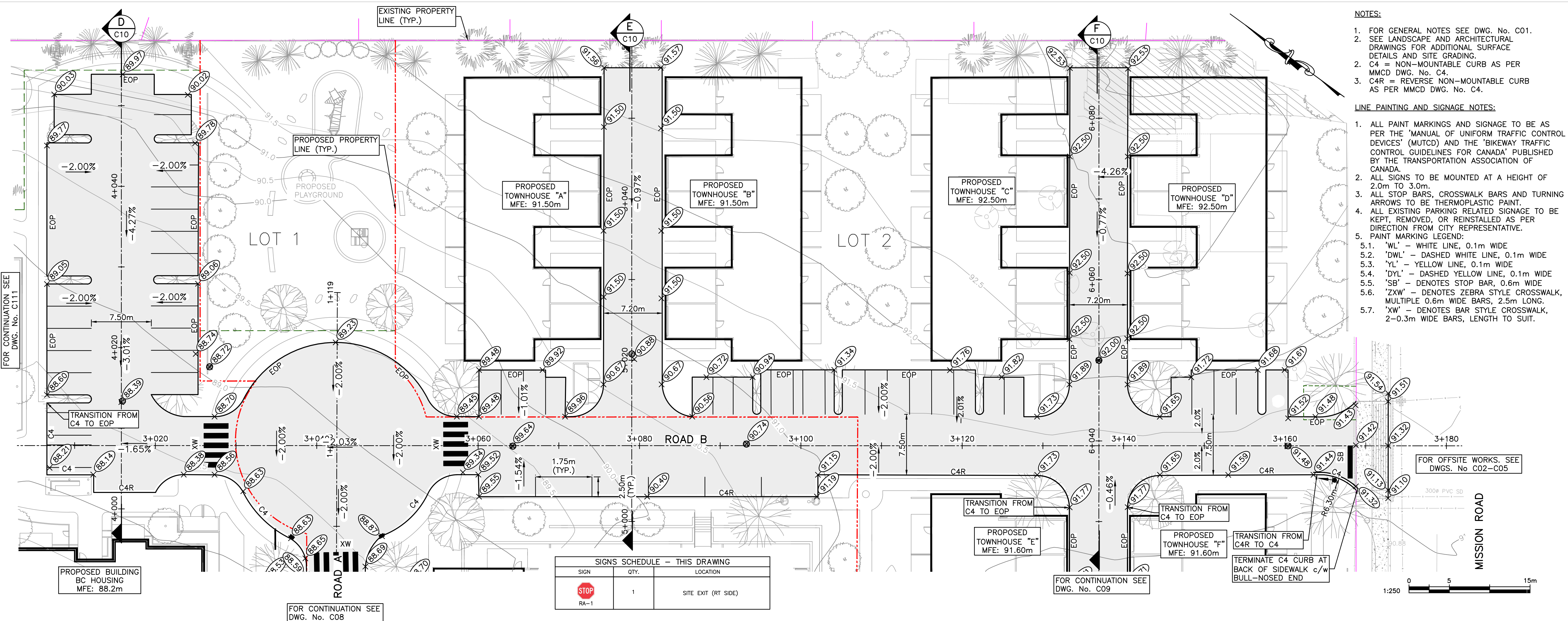
2700 MISSION ROAD
COURTENAY, BC
ORMONIZ PROJECT CORP.

HEROLD ENGINEERING
3701 Shenton Rd, Nanaimo, BC V9T 2H1
Tel: 250-751-8558 Fax: 250-751-8559
Email: mail@heroldengineering.com

WATERMAIN, STORM & SANITARY SEWER PLAN/PROFILE
ROAD A - STA. 1+020 TO 1+120

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No. C06
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101
REL DRAWING No. C06	REVISION 6 OF 14 C

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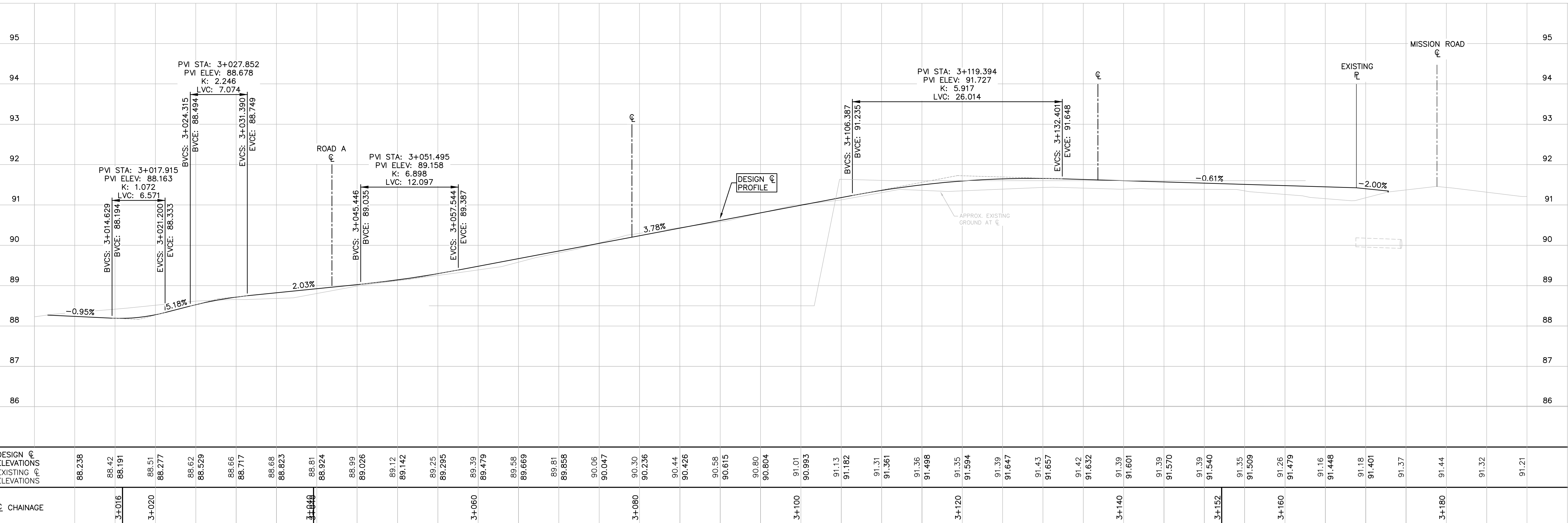


- NOTES:**
- FOR GENERAL NOTES SEE DWG. No. C01.
 - SEE LANDSCAPE AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL SURFACE DETAILS AND SITE GRADING.
 - C4 = NON-MOUNTABLE CURB AS PER MMCD DWG. No. C4.
 - C4R = REVERSE NON-MOUNTABLE CURB AS PER MMCD DWG. No. C4.
- LINE PAINTING AND SIGNAGE NOTES:**
- ALL PAINT MARKINGS AND SIGNAGE TO BE AS PER THE 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' (MUTCD) AND THE 'BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA' PUBLISHED BY THE TRANSPORTATION ASSOCIATION OF CANADA.
 - ALL SIGNS TO BE MOUNTED AT A HEIGHT OF 2.0m TO 3.0m.
 - ALL STOP BARS, CROSSWALK BARS AND TURNING ARROWS TO BE THERMOPLASTIC PAINT.
 - ALL EXISTING PARKING RELATED SIGNAGE TO BE KEPT, REMOVED, OR REINSTALLED AS PER DIRECTION FROM CITY REPRESENTATIVE.
 - PAINT MARKING LEGEND:
 - 'WL' - WHITE LINE, 0.1m WIDE
 - 'DWL' - DASHED WHITE LINE, 0.1m WIDE
 - 'YL' - YELLOW LINE, 0.1m WIDE
 - 'DYL' - DASHED YELLOW LINE, 0.1m WIDE
 - 'SB' - DENOTES STOP BAR, 0.6m WIDE
 - 'ZXW' - DENOTES ZEBRA STYLE CROSSWALK, MULTIPLE 0.6m WIDE BARS, 2.5m LONG.
 - 'XW' - DENOTES BAR STYLE CROSSWALK, 2-0.3m WIDE BARS, LENGTH TO SUIT.

ISSUES

No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
B	2021.06.01	ISSUED FOR APPROVAL
C		ISSUED FOR BUILDING PERMIT

CLIENT



2700 MISSION ROAD
 COURTENAY, BC
 ORMONIZ PROJECT CORP.

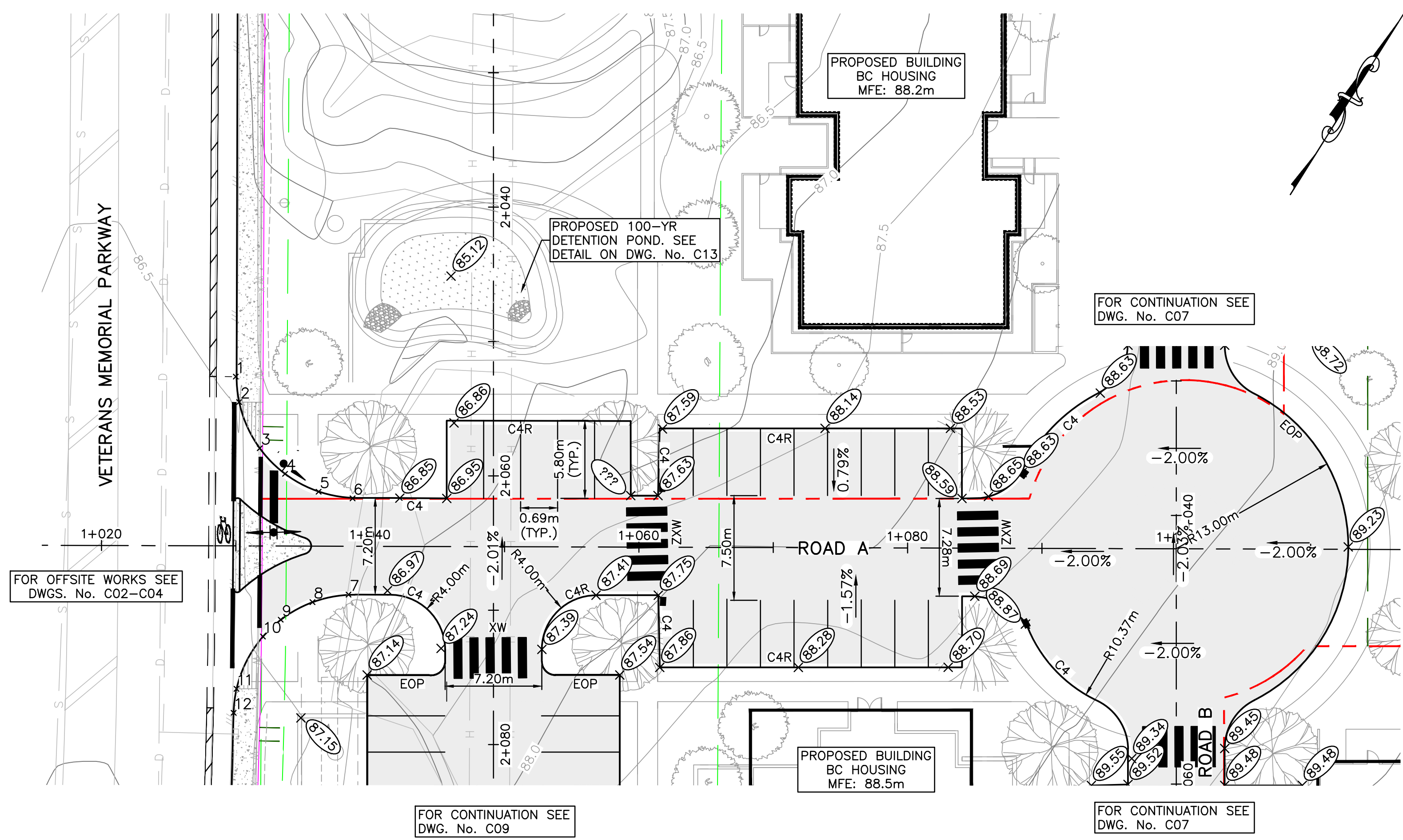
HEROLD ENGINEERING
 3701 Shenton Rd, Nanaimo, BC V9T 2H1
 Tel: 250-751-8558 Fax: 250-751-8559
 Email: mail@heroldengineering.com

SURFACE WORKS - PLAN/PROFILE
ROAD B - STA. 3+010 TO 3+180

DESIGNED	JVT	ENGINEER'S SEAL
DESIGN REVIEW	PGR	
DRAFTED	JVT/EP	
DRAFTING REVIEW	PGR	

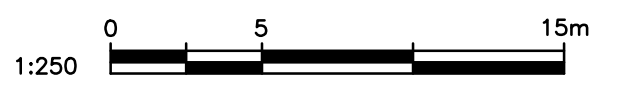
PROJECT No. 5116-001	CLIENT DRAWING No. C07
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101
HEL DRAWING No. C07	REVISION 7 of 14 C

File: H:\Projects\5116-001 2700 Mission Road - Civil Services\04c Drawings\5116-001 Civil Drawings.dwg Plot Times: Jun. 23, 21 9:04 AM User: Evan Pearce



CURB RETURN ELEVATIONS

1	86.434
2	86.478
3	86.561
4	86.626
5	86.697
6	49.438
7	86.904
8	86.884
9	86.859
10	86.838
11	86.771
12	86.742



NOTES:

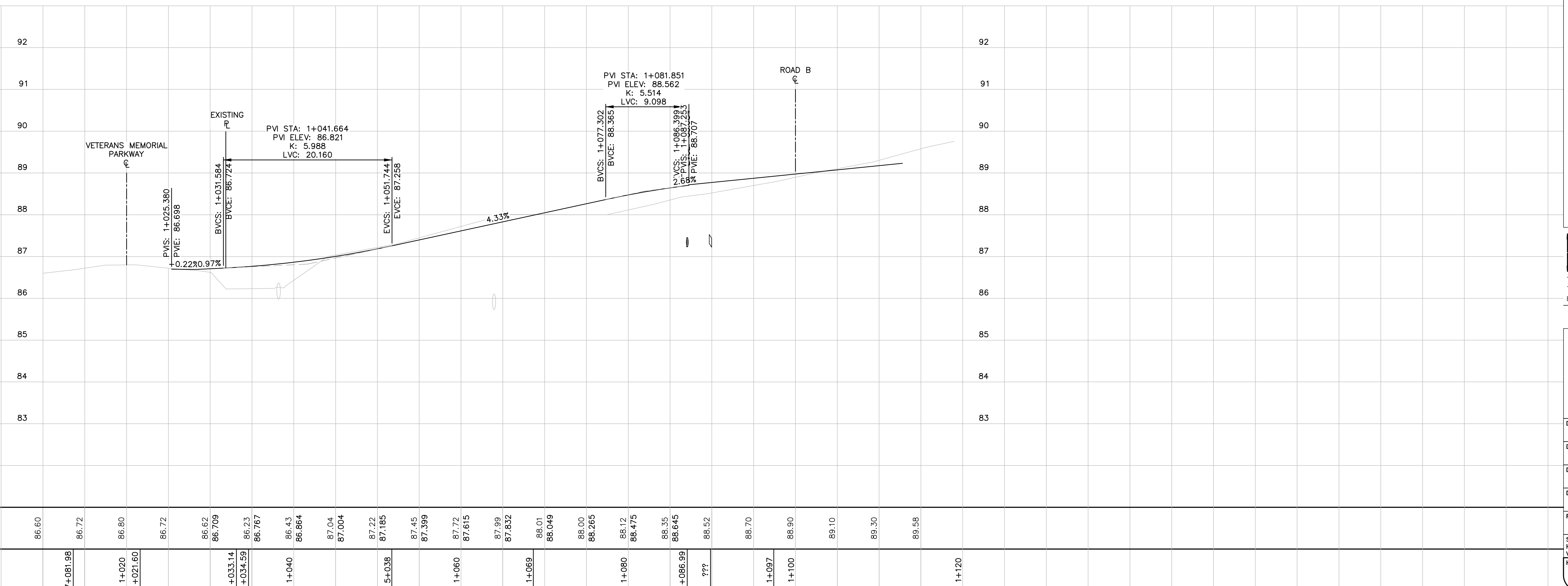
- FOR GENERAL NOTES SEE DWG. No. C01.
- SEE LANDSCAPE AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL SURFACE DETAILS AND SITE GRADING.
- C4 = NON-MOUNTABLE CURB AS PER MMCD DWG. No. C4.
- C4R = REVERSE NON-MOUNTABLE CURB AS PER MMCD DWG. No. C4.

LINE PAINTING AND SIGNAGE NOTES:

- ALL PAINT MARKINGS AND SIGNAGE TO BE AS PER THE 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' (MUTCD) AND THE 'BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA' PUBLISHED BY THE TRANSPORTATION ASSOCIATION OF CANADA.
- ALL SIGNS TO BE MOUNTED AT A HEIGHT OF 2.0m TO 3.0m.
- ALL STOP BARS, CROSSWALK BARS AND TURNING ARROWS TO BE THERMOPLASTIC PAINT.
- ALL EXISTING PARKING RELATED SIGNAGE TO BE KEPT, REMOVED, OR REINSTALLED AS PER DIRECTION FROM CITY REPRESENTATIVE.
- PAINT MARKING LEGEND:
 - 'WL' - WHITE LINE, 0.1m WIDE
 - 'DWL' - DASHED WHITE LINE, 0.1m WIDE
 - 'YL' - YELLOW LINE, 0.1m WIDE
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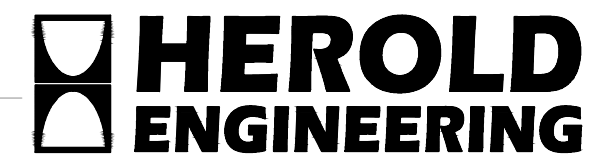
ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
B	2021.06.01	ISSUED FOR APPROVAL
C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

CLIENT



2700 MISSION ROAD

COURTENAY, BC
ORMONIZ PROJECT CORP.



1051 Vancouver St, Victoria, BC V8V 4T6
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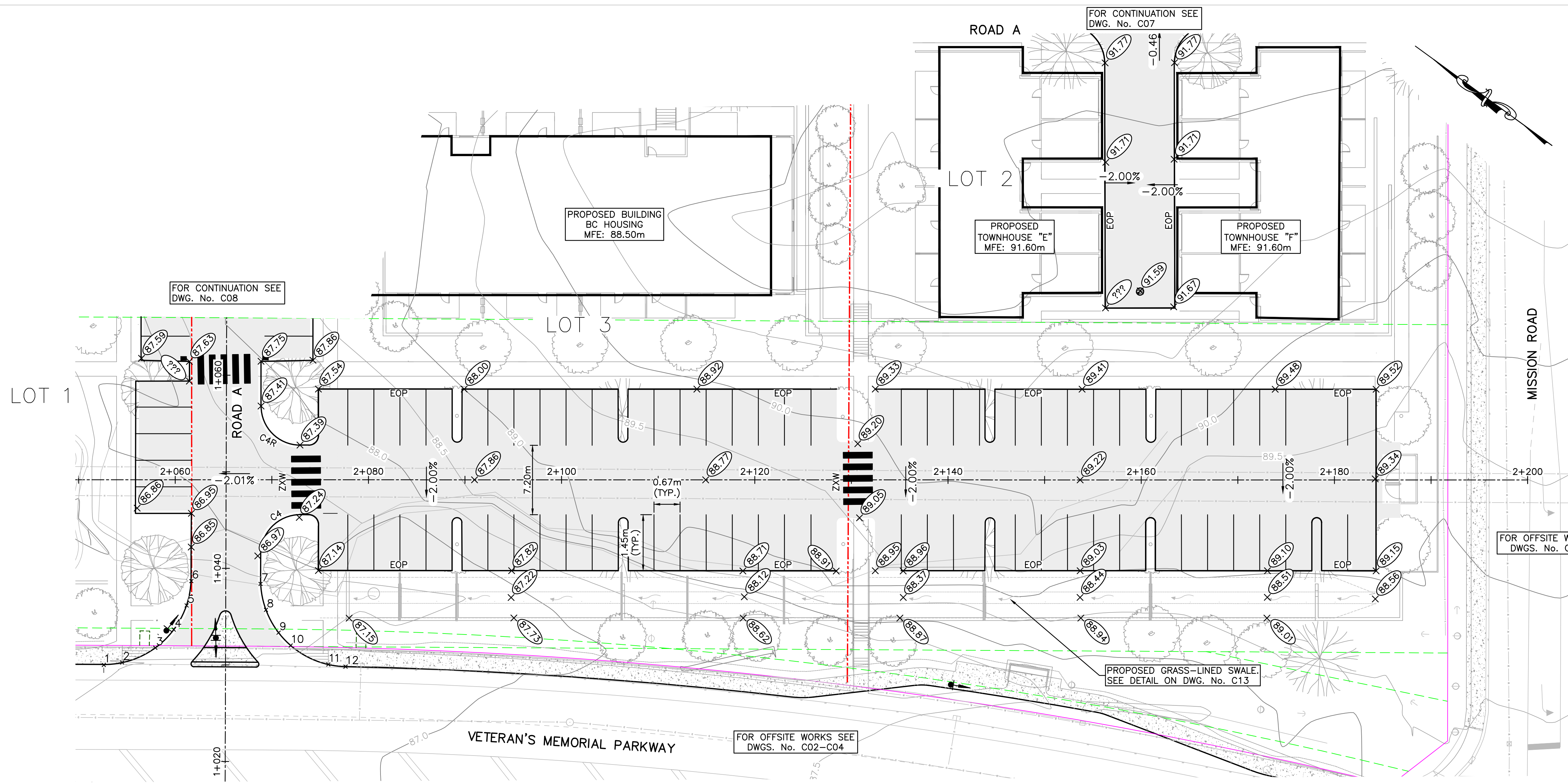
SURFACE WORKS - PLAN/PROFILE
ROAD A
STA. 1+00 TO 1+120

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	

PROJECT No. 5116-001	CLIENT DRAWING No. C08
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101

HEL DRAWING No. C08	REVISION 8 OF 14 C
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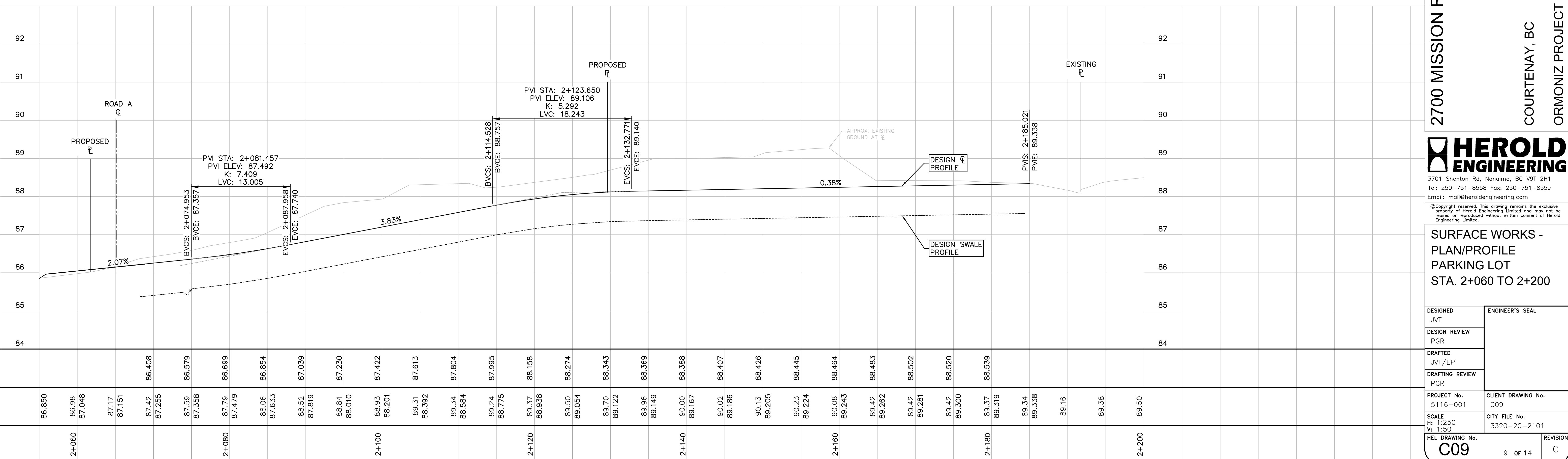
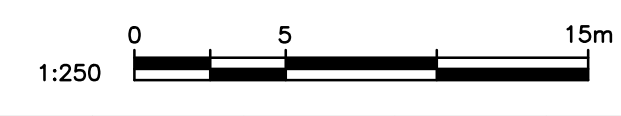


- NOTES:**
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 - SEE LANDSCAPE AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL SURFACE DETAILS AND SITE GRADING.
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C		ISSUED FOR BUILDING PERMIT

CURB RETURN ELEVATIONS

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7	86.904
8	86.884
9	86.859
10	86.838
11	86.771
12	86.742



CHAINAGE	DESIGN SWALE ELEVATIONS	DESIGN ELEVATIONS	EXISTING ELEVATIONS
2+060	86.850	86.98	87.048
		87.17	87.151
		87.42	87.255
		87.59	87.358
2+080	87.79	87.479	86.699
		86.854	86.633
		87.039	87.819
		87.230	88.84
		88.010	88.010
2+100	88.93	87.422	88.201
		87.613	89.31
		87.804	88.392
		88.584	89.34
		89.24	88.584
2+120	89.37	88.158	88.775
		88.274	89.37
		89.054	89.50
		89.70	89.054
		89.122	89.70
		89.96	89.96
2+140	90.00	88.388	89.149
		89.167	90.00
		89.407	89.167
		89.186	90.02
		88.426	90.13
		88.445	89.205
		89.224	90.23
2+160	90.08	88.464	89.224
		89.243	89.224
		89.42	90.08
		89.262	89.42
		88.502	89.281
		88.520	89.42
2+180	89.37	86.539	89.300
		89.319	89.37
		89.34	89.319
		89.338	89.34
		89.16	89.338
2+200	89.50		89.16

2700 MISSION ROAD
COURTENAY, BC
ORMONIZ PROJECT CORP.

HEROLD ENGINEERING
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Email: mail@heroldengineering.com

SURFACE WORKS - PLAN/PROFILE
PARKING LOT
STA. 2+060 TO 2+200

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No. C09
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101
HEL DRAWING No. C09	REVISION 9 OF 14 C

ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
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C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

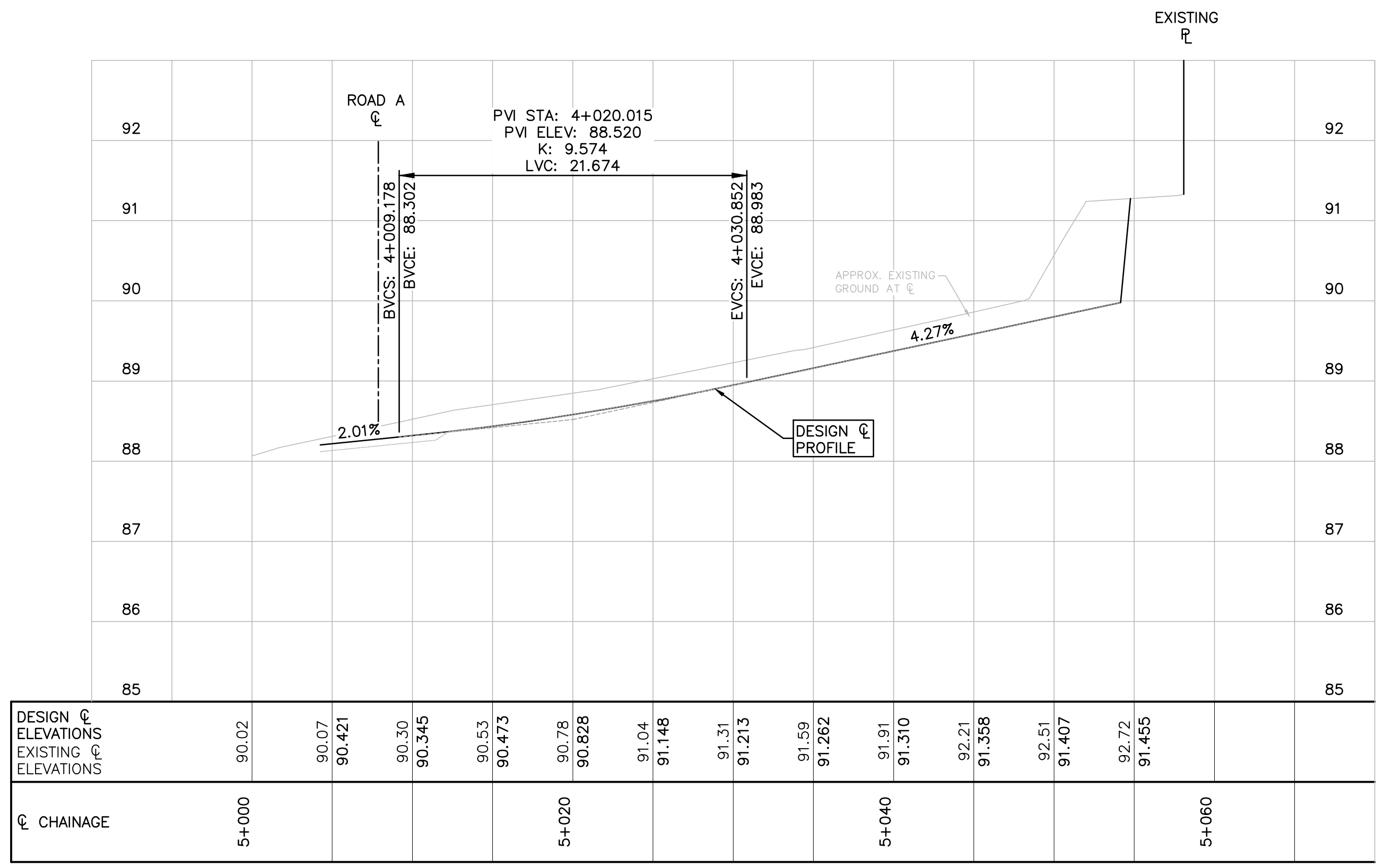
CLIENT

2700 MISSION ROAD
 COURTENAY, BC
 ORMONIZ PROJECT CORP.

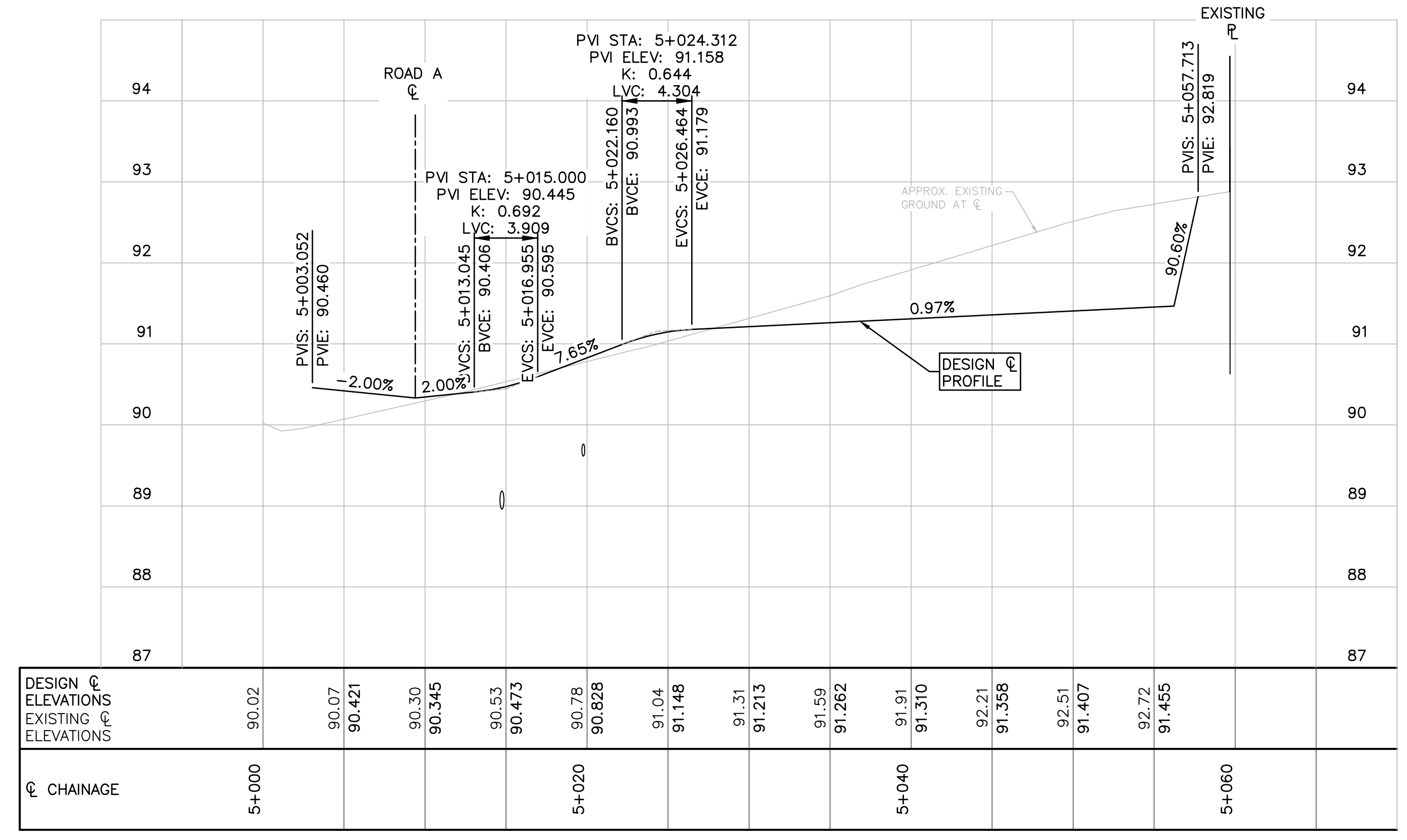


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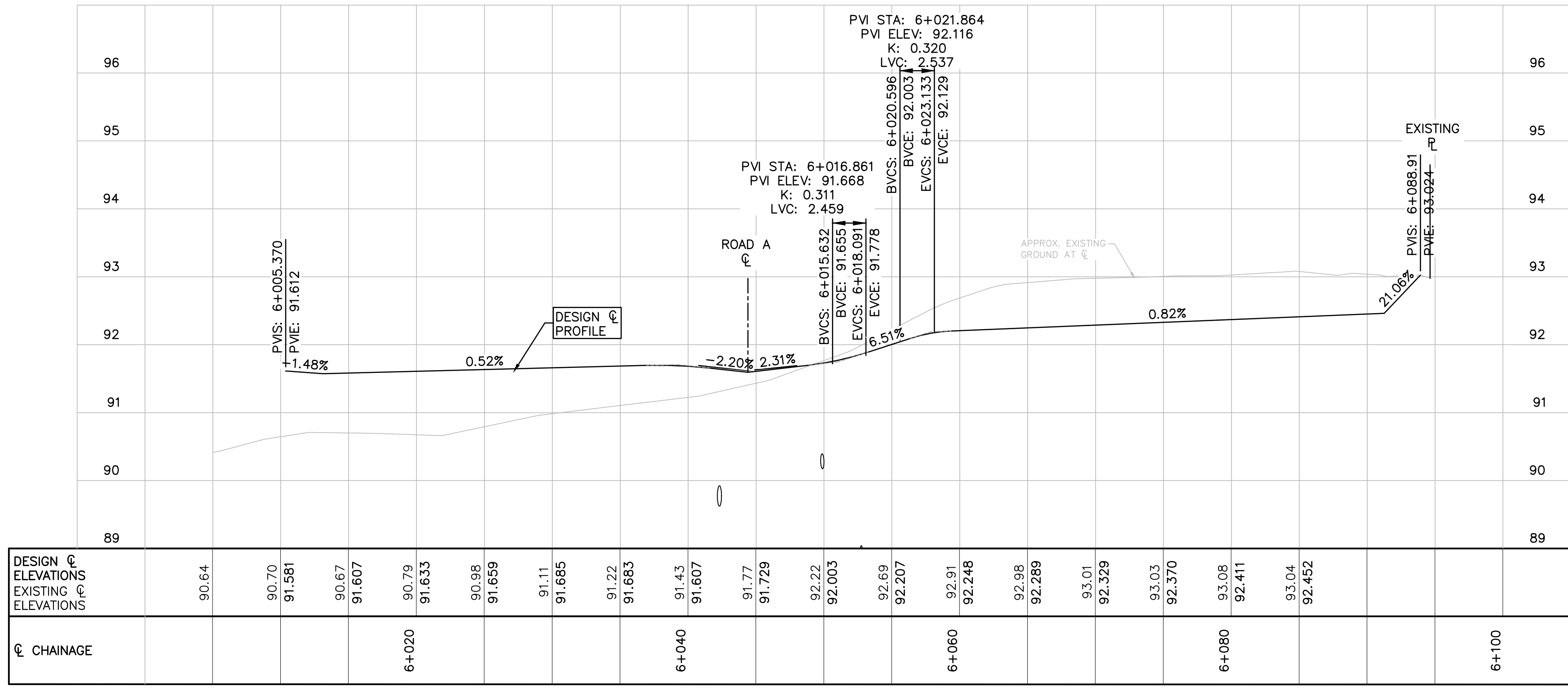
ONSITE PROFILES	
DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No. C10
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101
HEL DRAWING No. C10	REVISION 10 OF 14 C



D SECTION
 C07 NTS

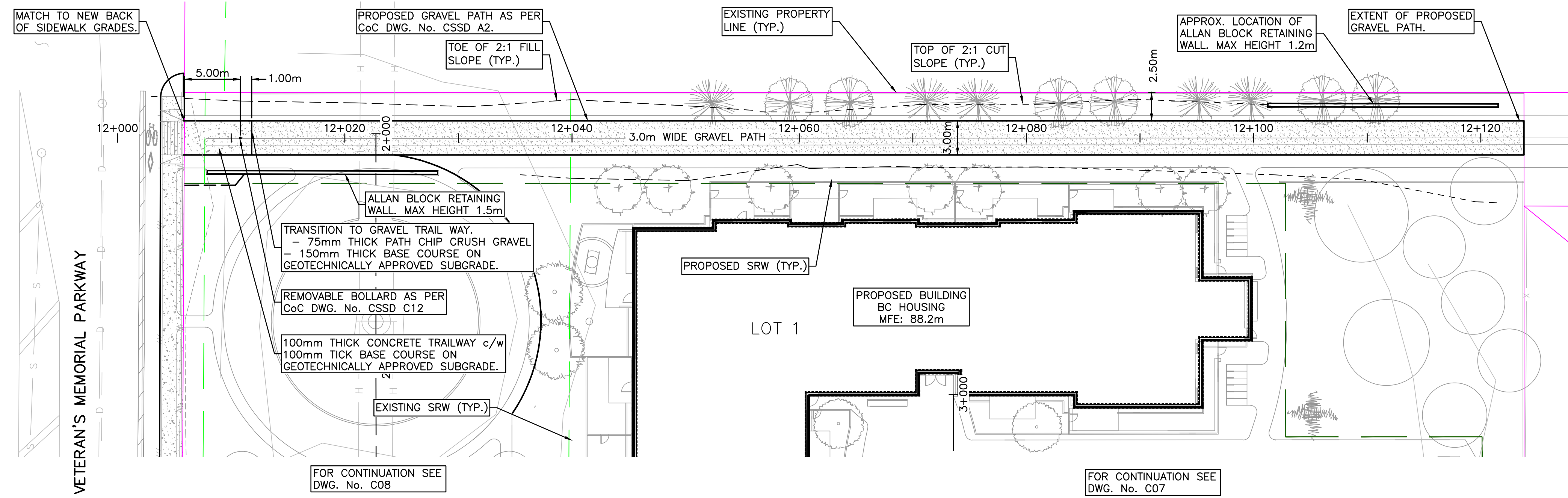


E SECTION
 C07 NTS



F SECTION
 C07 NTS

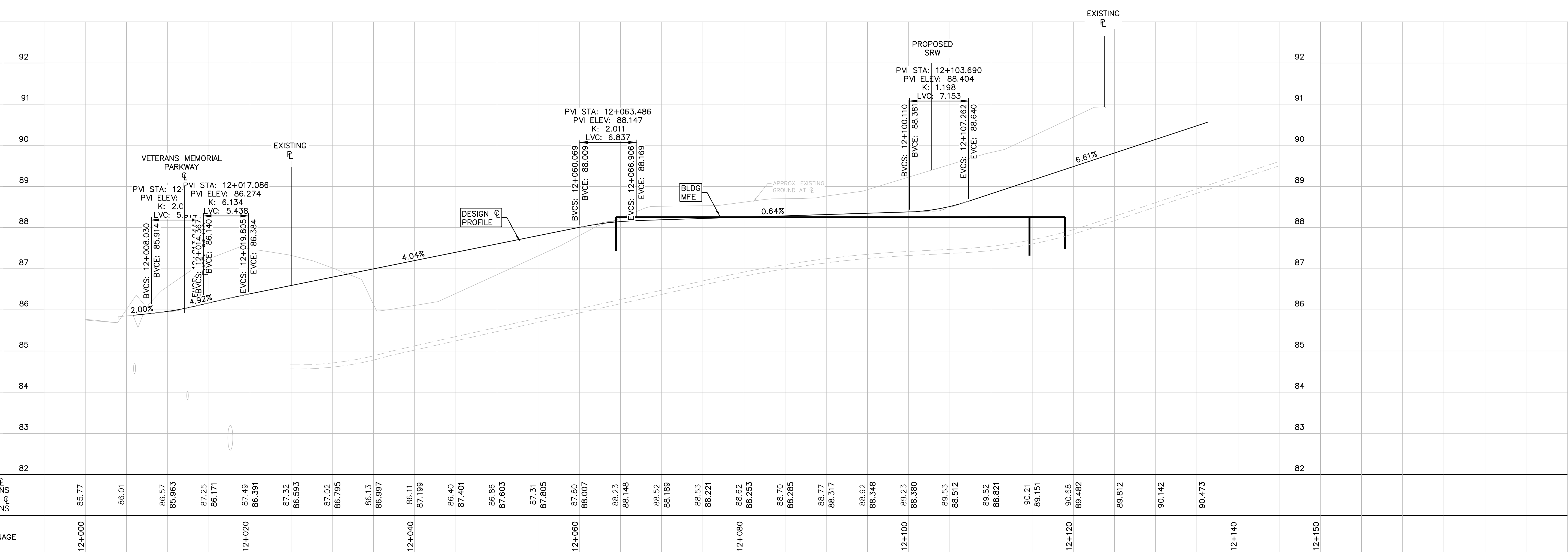
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- NOTES:**
- FOR GENERAL NOTES SEE DWG. No. C01.
 - SEE LANDSCAPE AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL SURFACE DETAILS AND SITE GRADING.

ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
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C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

CLIENT



2700 MISSION ROAD
COURTENAY, BC
ORMONIZ PROJECT CORP.

HEROLD ENGINEERING
1051 Vancouver St, Victoria, BC V8V 4T6
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**GRAVEL TRAILWAY - PLAN/PROFILE
STA. 12+000 TO 12+140**

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No. C11
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101
HEL DRAWING No. C11	REVISION 11 OF 14 C

NOTES:

- FOR GENERAL NOTES SEE DWG. No. C01.
- SHOP DRAWING REQUIRED PRIOR TO CONSTRUCTION.
- DOUBLE CHECK VALVE AND METER SPOOL ASSEMBLY TO BE SUPPORTED BY ADJUSTABLE STEEL PIPE SUPPORTS AS REQUIRED
- FABRICATED STAINLESS STEEL PIPE AND FITTINGS TO BE 304 SCHEDULE 40 TO AWWA C-210 & NSF-61 SPECIFICATION.

SRW TO BE CONFIRMED AFTER METER INSTALLATION.

PRECAST CHAMBER - ARMTEC 2121.5 VAULT c/w MANHOLE COVER AS PER CoC DWG. No. CSSD W2e

PRECAST CHAMBER - 1800Ø CONCRETE MANHOLE BARREL AS PER MMCD DWG. No. S1 c/w 3 PIECE MANHOLE COVER

WATER METER ASSEMBLY COMPONENT LIST

- 304 SCH 40 STAINLESS STEEL SPOOL, 100Ø Fx F/FxPE c/w 150Ø THRUST RING (6.5mm THICK) RESTRAINED INTO SIDE OF CHAMBER
- GALVANIZED STEEL ADJUSTABLE PIPE SUPPORT. FINAL LOCATION CONFIRMED IN SHOP DRAWINGS
- FLANGED COUPLING ADAPTER FOR STEEL PIPE (DISMANTLING JOINT)
- PIPE SEAL ASSEMBLY
- CONCRETE THRUST BLOCK, 300mm THICK
- 200Fx100F REDUCER
- 100Ø GATE VALVE, Fx F
- Fx F SPOOL PIECE (355.6mm) AS PER CoC DWG. No. CSSD W2e
- 100Fx150F REDUCER
- 150Ø GATE VALVE, Fx H
- 150Ø 90° HORIZ BEND, Hx H
- 300mm SUMP c/w 100Ø PVC SDR28 OUTLET PIPE TO EXISTING 300Ø PVC SD STUB. SEE DWG. C04 FOR DETAILS.

DOUBLE CHECK VALVE ASSEMBLY COMPONENT LIST

- 150Ø WATTS 757 DOUBLE CHECK VALVE ASSEMBLY
- CONCRETE THRUST BLOCK, 300mm THICK
- PIPE SEAL ASSEMBLY
- 304 SCH 40 STAINLESS STEEL SPOOL, 200Ø Fx F/FxPE c/w 200Ø THRUST RING (6.5mm THICK) RESTRAINED INTO SIDE OF CHAMBER
- GALVANIZED STEEL ADJUSTABLE PIPE SUPPORT. FINAL LOCATION CONFIRMED IN SHOP DRAWINGS
- FLANGED COUPLING ADAPTER FOR STEEL PIPE
- 300mm SUMP c/w 100Ø PVC SDR28 OUTLET PIPE TO CATCHBASIN LEAD SEE DWG. No. C05 FOR DETAILS
- Fx H ADAPTER

DETECTOR CHECK VALVE ASSEMBLY (DCDA) COMPONENT LIST

- 100Ø WATTS 757 DETECTOR CHECK VALVE ASSEMBLY
- CONCRETE THRUST BLOCK, 300mm THICK
- PIPE SEAL ASSEMBLY
- 304 SCH 40 STAINLESS STEEL SPOOL, 200Ø Fx F/FxPE c/w 200Ø THRUST RING (6.5mm THICK) RESTRAINED INTO SIDE OF CHAMBER
- GALVANIZED STEEL ADJUSTABLE PIPE SUPPORT. FINAL LOCATION CONFIRMED IN SHOP DRAWINGS
- FLANGED COUPLING ADAPTER FOR STEEL PIPE
- 300mm SUMP c/w 100Ø PVC SDR28 OUTLET PIPE TO EXISTING DITCH SEE DWG. No. C02 FOR DETAILS
- Fx H ADAPTER

ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
B	2021.06.01	ISSUED FOR APPROVAL
C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

CLIENT

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COURTENAY, BC
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1051 Vancouver St, Victoria, BC V8V 4T6
Tel: 250-590-4875 Fax: 250-590-4392
Email: mail@heroldengineering.com

WATER METER DETAILS

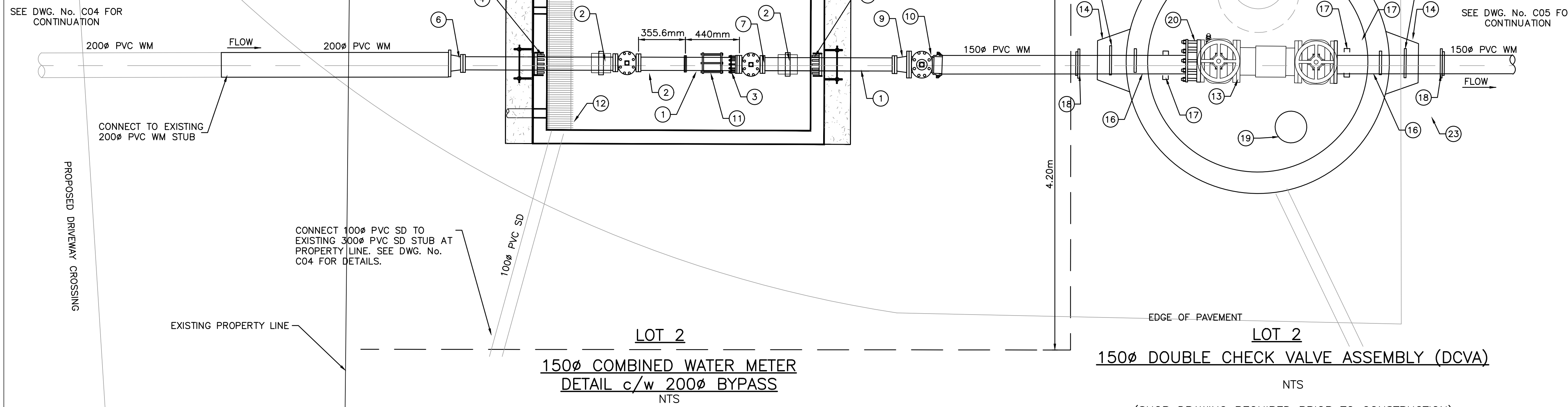
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DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No. C07
SCALE H: 1:20 V: NA	CITY FILE No. 3320-20-2101
HEL DRAWING No. C12	REVISION 12 OF 14 C

DESTROY ALL DRAWINGS SHOWING PREVIOUS REVISION

SEE DWG. No. C04 FOR CONTINUATION

PROPOSED PARKING

SEE DWG. No. C05 FOR CONTINUATION



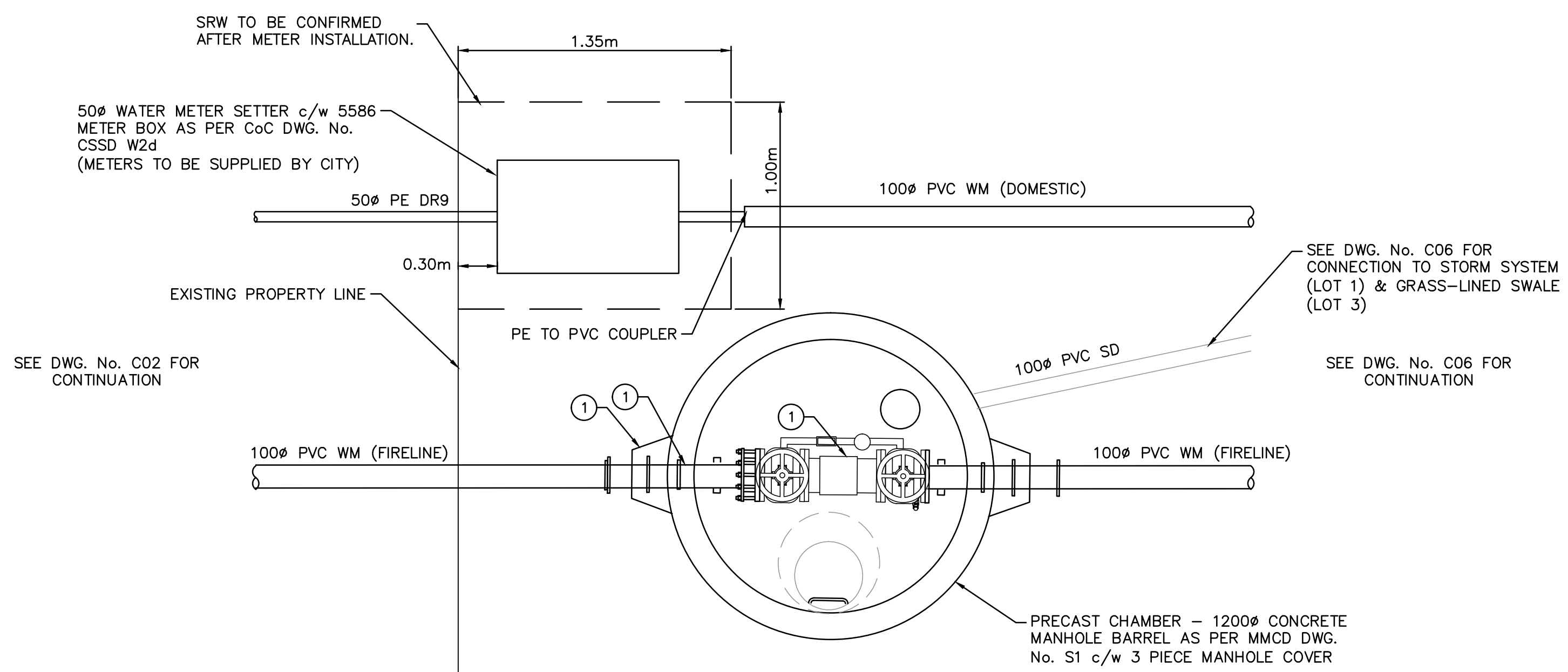
150Ø COMBINED WATER METER DETAIL c/w 200Ø BYPASS

150Ø DOUBLE CHECK VALVE ASSEMBLY (DCVA)

NTS
(SHOP DRAWING REQUIRED PRIOR TO CONSTRUCTION)

NTS
(SHOP DRAWING REQUIRED PRIOR TO CONSTRUCTION)

* TO BE READ IN CONJUNCTION WITH CoC DWG. No. CSSD W2e.
METER TO BE SUPPLIED BY CITY

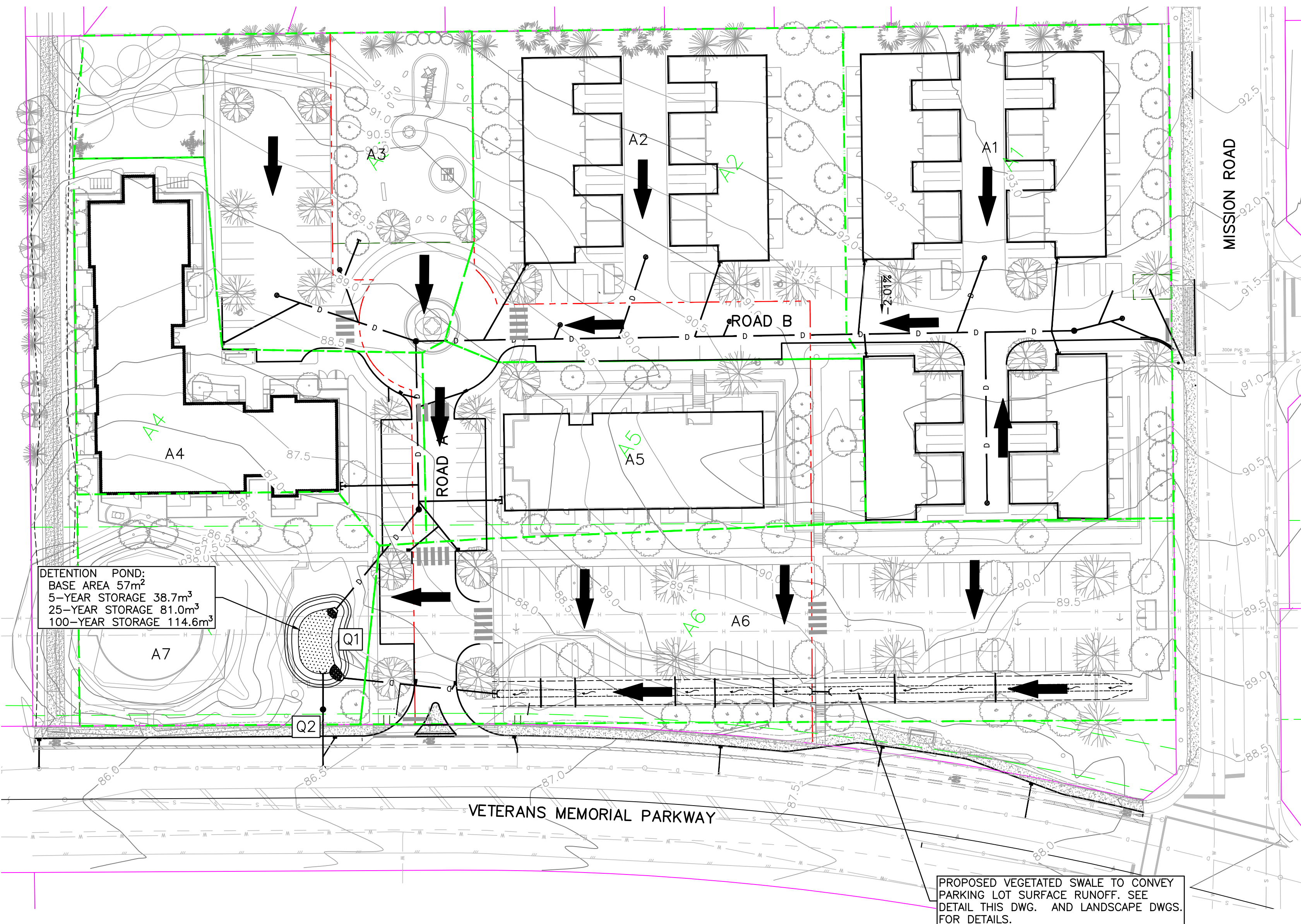


100Ø DOUBLE CHECK VALVE ASSEMBLY (FIRELINE) 50Ø METER (DOMESTIC)

NTS
(SHOP DRAWING REQUIRED PRIOR TO CONSTRUCTION)

File: H:\Projects\5116-001 2700 Mission Road - Civil Services\04c Drawings\5116-001 Civil Drawings.dwg Plot Times: Jun. 23, 21 9:06 AM User: Evan Pearce

File: H:\Projects\5116-001 2700 Mission Road - Civil Services\04c Drawings\04c Drawings.dwg Plot Time: Jun. 23, 21 9:06 AM User: Evan Pearce



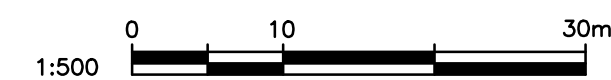
CATCHMENT	AREA (ha)
A1	0.46
A2	0.36
A3	0.29
A4	0.23
A5	0.22
A6	0.46
A7	0.20
TOTAL	2.22

Q1: (A1-A6)
 5yr= 153.5 L/s
 25yr= 259.6 L/s
 100yr= 350.7 L/s

Q2: (A1-A7)
 5yr= 65.0 L/s
 25yr= 85.0 L/s
 100yr= 149.0 L/s

DETENTION POND:
 BASE AREA 57m²
 5-YEAR STORAGE 38.7m³
 25-YEAR STORAGE 81.0m³
 100-YEAR STORAGE 114.6m³

PROPOSED VEGETATED SWALE TO CONVEY PARKING LOT SURFACE RUNOFF. SEE DETAIL THIS DWG. AND LANDSCAPE DWGS. FOR DETAILS.



LEGEND

➔ OVERLAND FLOW

NOTE:
 25-YEAR OUTFLOW IS
 26.0l/s THROUGH 150Ø ORIFICE WITH 0.306m OF HEAD
 + 84.2l/s THROUGH 200Ø ORIFICE WITH 0.948m OF HEAD
 = 110.2l/s TOTAL FLOW
 100-YEAR OUTFLOW IS CONTROLLED BY THE OUTLET 250Ø PIPE

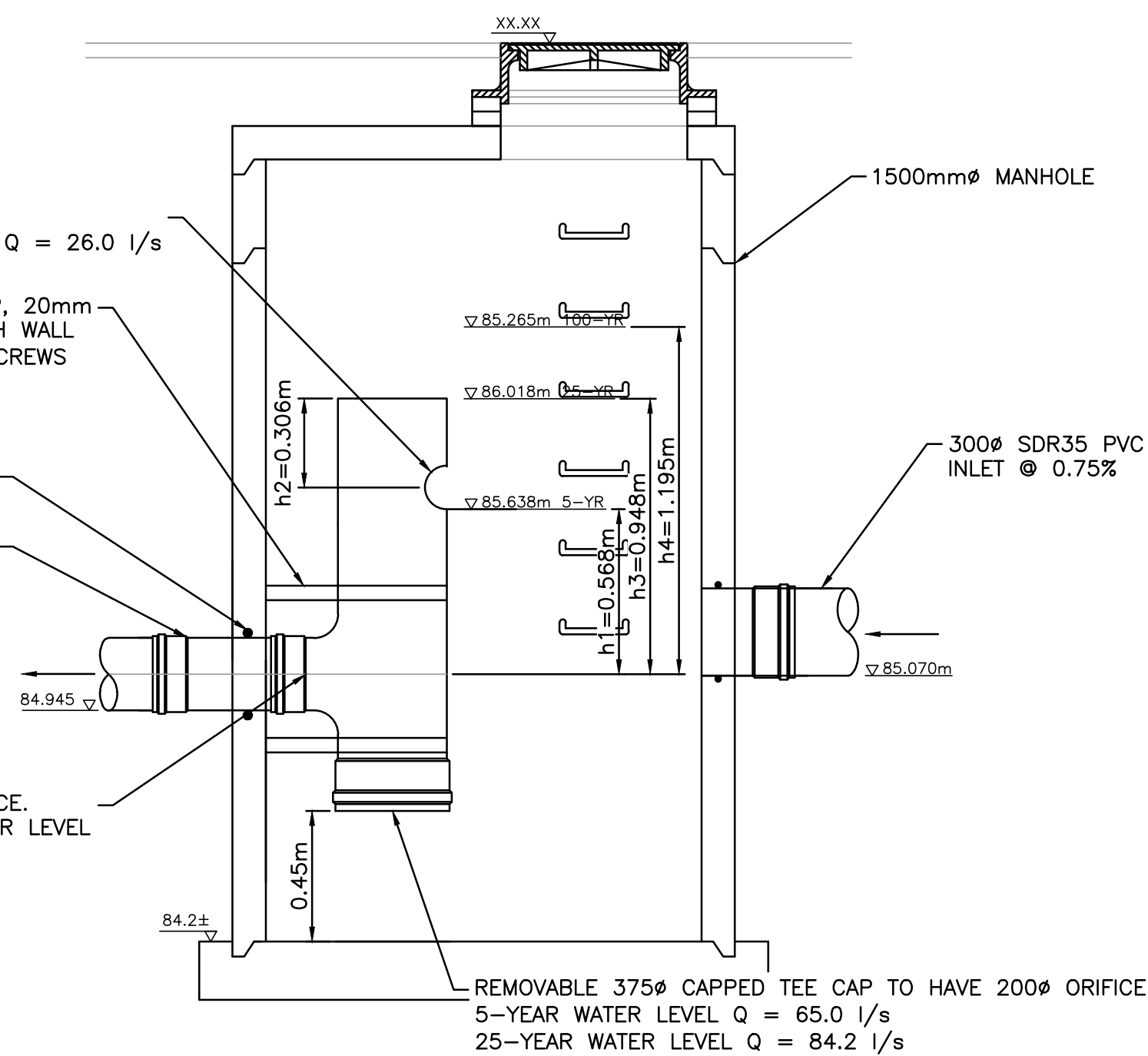
147.6Ø ORIFICE.
 25-YEAR WATER LEVEL Q = 26.0 l/s

STAINLESS STEEL STRAP, 20mm WIDE, ANCHORED TO MH WALL w/ STAINLESS STEEL SCREWS (2 REQUIRED)

RUBBER MANHOLE ADAPTOR RING (TYP.)

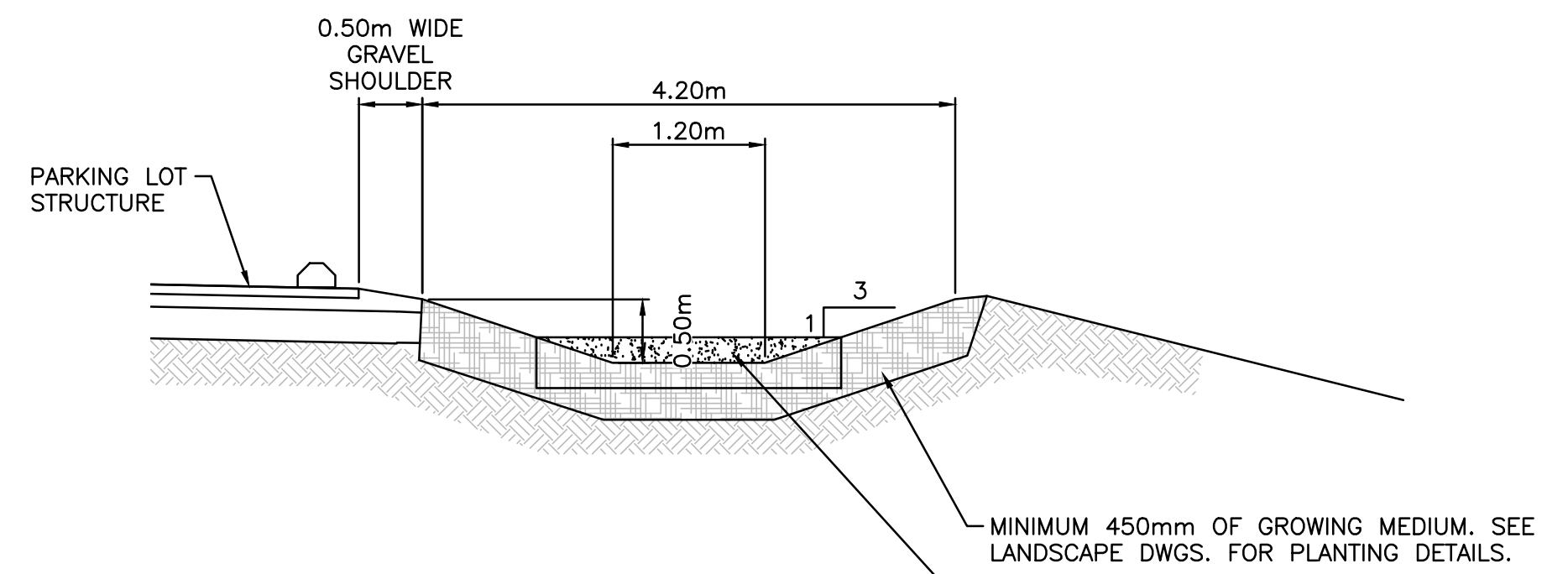
250Ø SDR35 PVC OUTLET @ 6.28%

250Ø OUTLET ORIFICE. AT 100-YEAR WATER LEVEL Q = 149.0 l/s

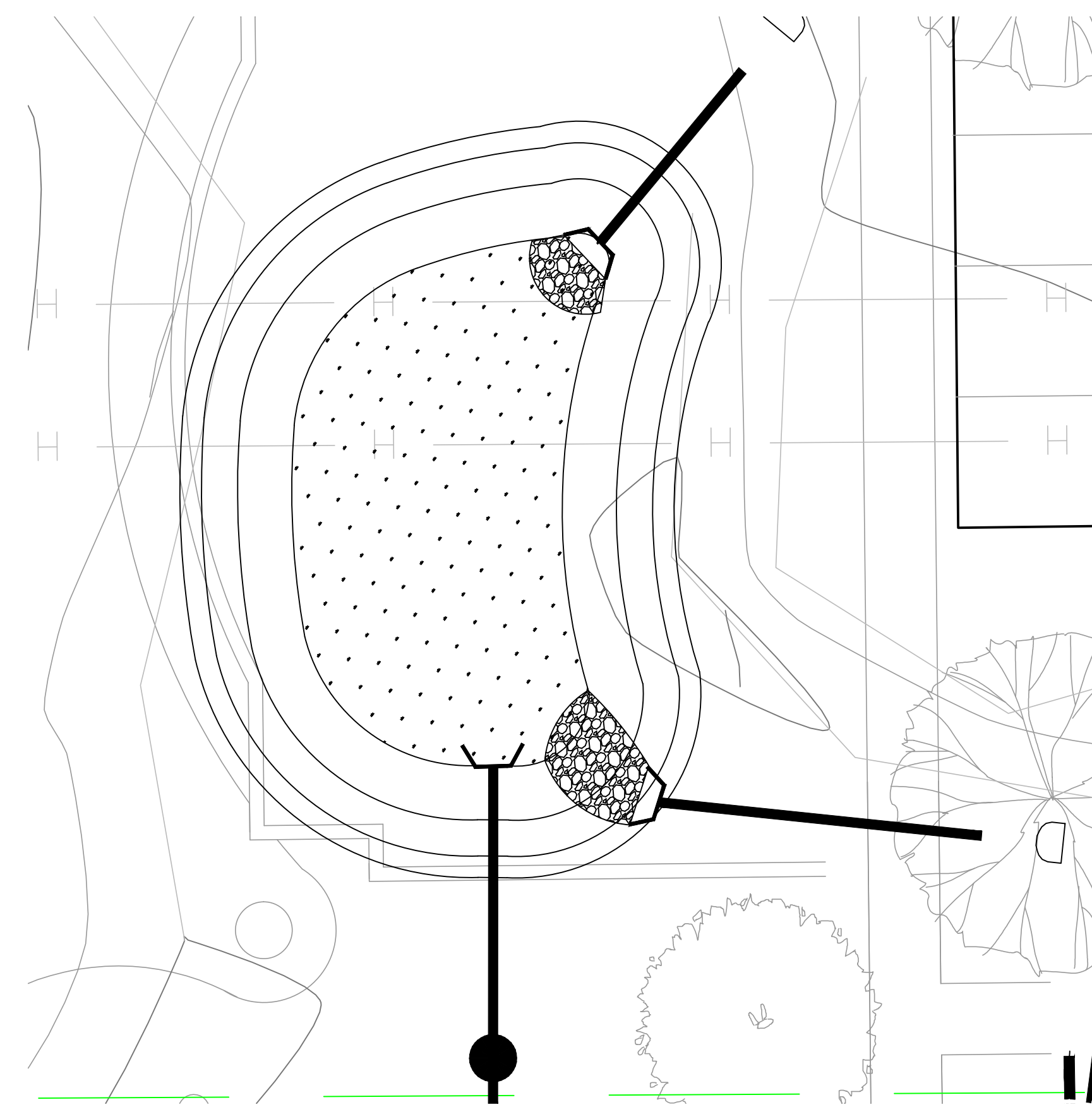


FLOW-CONTROL MANHOLE DETAIL
 NTS

NOTES:
 1. FOR GENERAL NOTES SEE DWG. No. C01.



GRASSED-LINED SWALE DETAIL
 NTS



100-YR DETENTION POND DETAIL
 NTS

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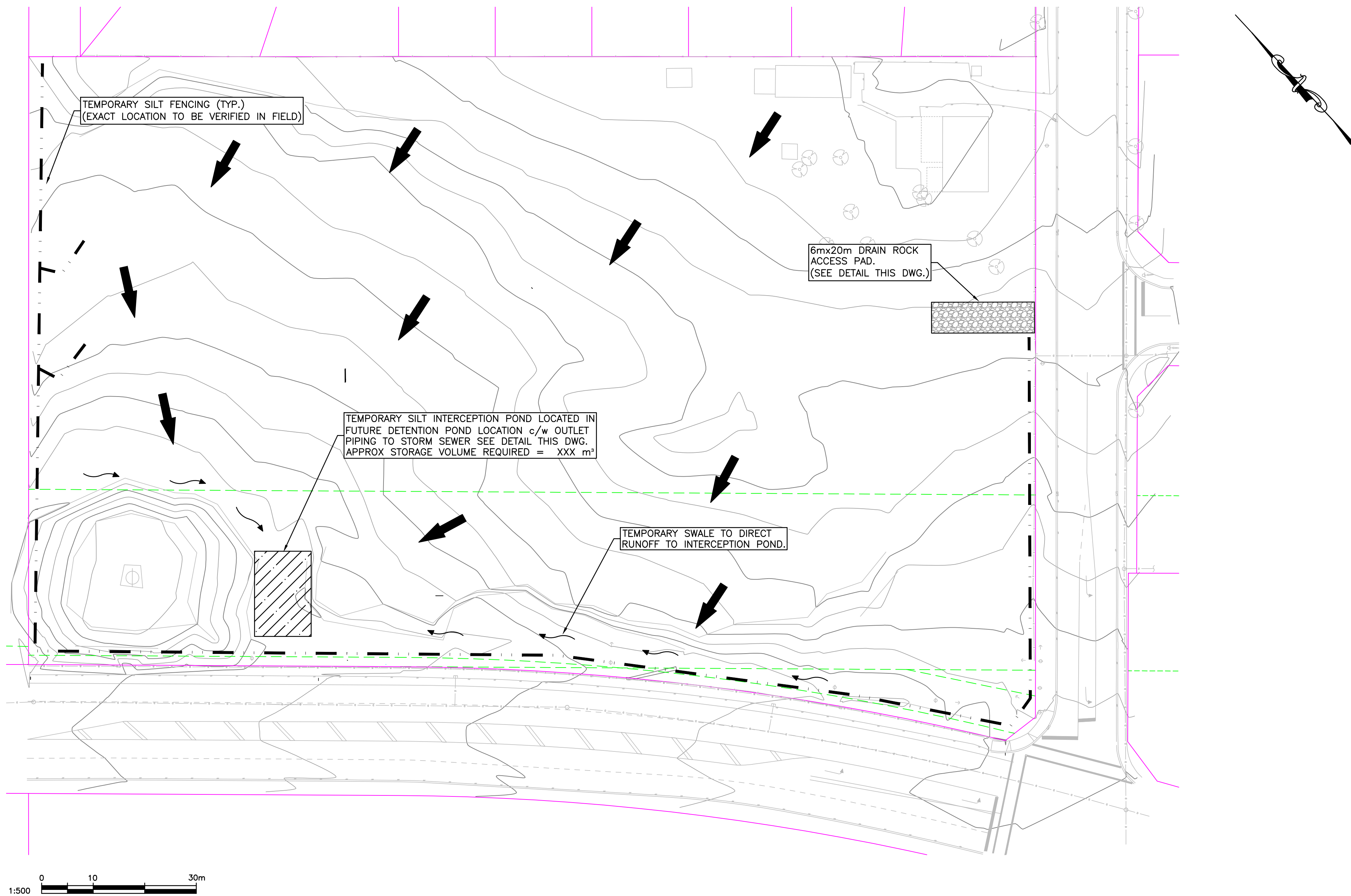
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HEROLD ENGINEERING
 3701 Shenton Rd, Nanaimo, BC V9T 2H1
 Tel: 250-751-8558 Fax: 250-751-8559
 Email: mail@heroldengineering.com

STORMWATER MANAGEMENT PLAN

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No. C08
SCALE H: 1:500 V: NA	CITY FILE No. 3320-20-2101
HEL DRAWING No. C13	REVISION 13 OF 14 C

File: H:\Projects\5116-001 2700 Mission Road - Civil Services\04c Drawings\01 Civil Drawings.dwg Plot Time: Jun. 23, 21 9:06 AM User: Evan Pearce



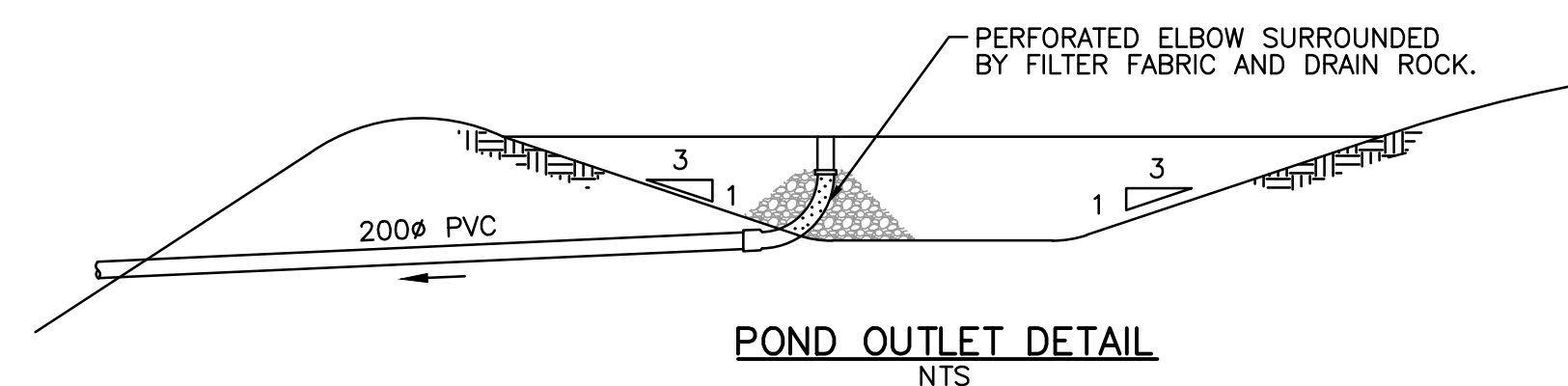
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LEGEND

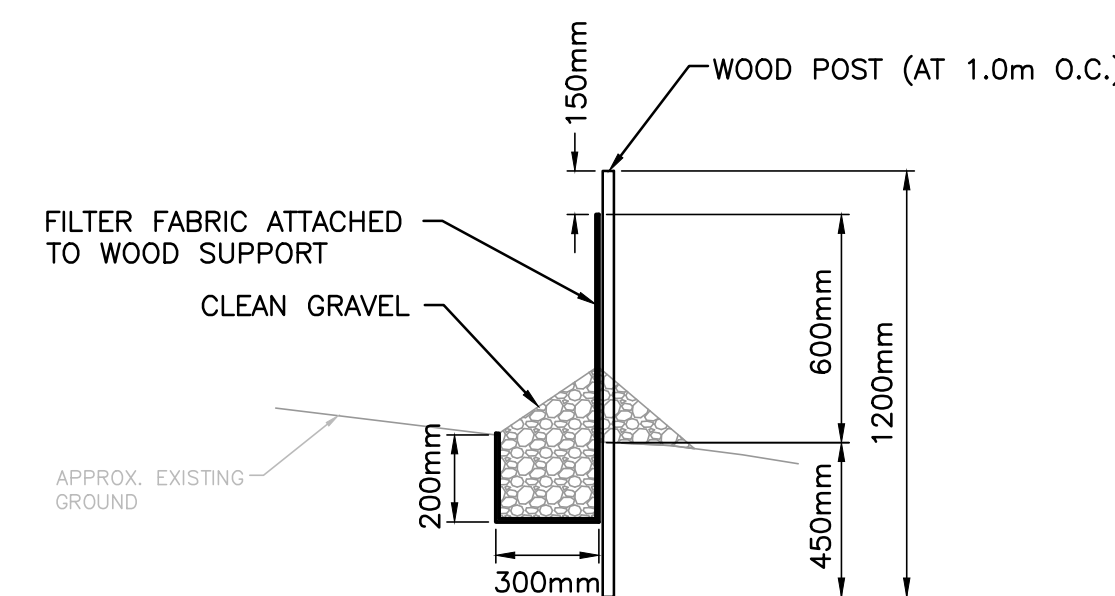
- OVERLAND FLOW
- TEMPORARY SILT FENCE

EROSION & SEDIMENT CONTROL NOTES:

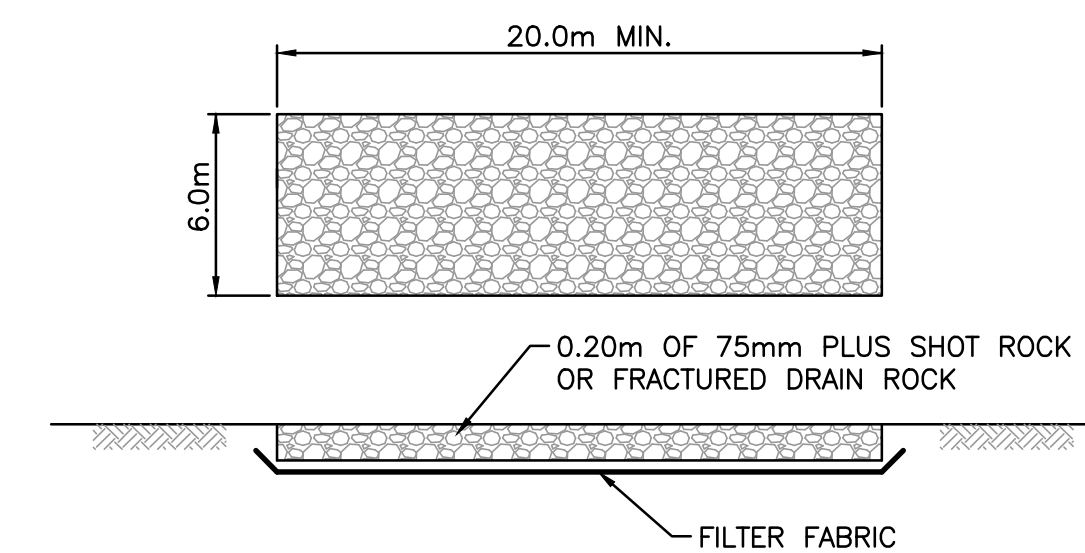
1. EROSION AND SEDIMENT CONTROL FOR THIS PROJECT WILL BE AS OUTLINED IN THE FISHERIES AND OCEANS CANADA & MINISTRY OF WATER, LANDS AND AIR PROTECTION HANDBOOK ENTITLED "LAND DEVELOPMENT GUIDELINES FOR THE PROTECTION OF THE AQUATIC HABITAT SEPTEMBER 1993" AND "ENVIRONMENTAL BEST MANAGEMENT PRACTICES FOR URBAN AND RURAL LAND DEVELOPMENT IN BRITISH COLUMBIA, JUNE 2004" AND "EROSION & SEDIMENT CONTROL GUIDELINE" BY THE CITY OF COURTENAY. IT IS INCUMBENT UPON THE CONTRACTOR TO ACQUIRE THESE GUIDELINES AND FAMILIARIZE HIMSELF WITH THE REQUIREMENTS WITHIN.
2. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR DAMAGES RESULTING FROM IMPROPER EROSION AND SEDIMENT CONTROL MEASURES UNDERTAKEN BY THE CONTRACTOR.
3. ANY DIRECTION GIVEN BY THE CONSULTANT OR CITY TO THE CONTRACTOR FOR EROSION AND SEDIMENT CONTROL AND NOT FOLLOWED BY THE CONTRACTOR IS TO BE REPORTED TO THE CITY IMMEDIATELY.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE NO MUD, DIRT, SOIL, SILT OR ANY OTHER SUBSTANCES ARE SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY, OR AREAS THAT LEAD TO CATCH BASINS CONNECTED TO PUBLIC SYSTEMS. THE CONTRACTOR IS TO CLEAN ANY SUCH MATERIAL IMMEDIATELY. I.E. STREETS ARE TO BE SWEEPED WITH A VACUUM STREET SWEEPER AFTER WORK STOPPAGE EACH DAY.
5. PRIOR TO CONSTRUCTION, INSTALL A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT TO LIMIT TRACKING OF SITE SOILS ONTO OFFSITE ROADWAYS. THE WIDTH OF THE PAD SHOULD NOT BE LESS THAN THE FULL WIDTH OF POINT OF INGRESS OR EGRESS IN ANY CASE SHOULD NOT BE LESS THAN 6m WIDE WITH A LENGTH OF THE PAD NOT LESS THAN 20m AND HAVING A MINIMUM THICKNESS OF 200mm (8") OF COARSE GRANULAR MATERIAL. COARSE GRANULAR MATERIAL SUCH AS 75mm PLUS SHOT ROCK OR FRACTURED DRAIN ROCK UNDERLAIN WITH GEO-TEXTILE FABRIC IS RECOMMENDED.
6. THE ENTRANCE SHOULD BE MAINTAINED FOR THE DURATION OF CONSTRUCTION, IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT OF WAYS, OR AREAS THAT LEAD TO CATCH BASINS CONNECTED TO PUBLIC SYSTEMS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL MATERIAL AS CONDITIONS DEMAND. THE PAD MAY BE REMOVED ONCE PERMANENT PAVEMENTS ARE IN PLACE AT THE SITE. A WHEEL WASH MAY BE REQUIRED IF THE TEMPORARY GRAVEL PAD IS NOT WORKING.
7. PRIOR TO CONSTRUCTION, CONTRACTOR TO CLEARLY FLAG OR FENCE AREAS OF NO DISTURBANCE AS WELL AS ANY DESIGNATED TREES AND SHRUBS THAT ARE TO BE PRESERVED. MARKINGS SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION.
8. CONTRACTOR TO STRIP AND GRUB ONLY THOSE AREAS NECESSARY FOR THE CURRENT CONSTRUCTION. STAGE CONSTRUCTION OPERATIONS TO LIMIT DISTURBANCE AND DO NOT STRIP ANY AREA UNTIL REQUIRED.
9. IF GRADED AREAS WITHIN THE PROJECT WILL NOT BE COMPLETED OUTSIDE OF THE WET SEASON (OCTOBER TO APRIL), REVEGETATION OPERATIONS SHOULD BE CARRIED OUT WITHIN ONE WEEK OF GRADING COMPLETION OR NO LATER THAN SEPT. 15th.
10. SILT FENCING IS TO BE INSTALLED AROUND ALL STOCK/SPOIL PILES, OR PILES ARE TO BE OTHERWISE COVERED TO LIMIT EROSION AND SEDIMENT GENERATION.
11. ROUTINE INSPECTION AND MAINTENANCE OF THE SYSTEM COMPONENTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHOULD DESIGNATE AN ON-SITE PERSON TO BE RESPONSIBLE FOR DAY-TO-DAY MANAGEMENT OF THE ESCP. AT A MINIMUM, INSPECT ALL BMP'S WEEKLY TO ENSURE PROPER FUNCTION WITH INSPECTION REPORTS PROVIDED TO THE ENGINEER AND THE CITY OF COURTENAY FOR REVIEW.
12. 48 HOURS PRIOR TO ANY PREDICTED SIGNIFICANT STORM EVENT, THE DESIGNATED SITE PERSON SHOULD INSPECT THE E&S WORKS AND ENSURE THAT THE WORKS ARE ADEQUATE TO PROTECT THE SITE DURING THE STORM EVENT AND PROVIDE A WRITTEN REPORT TO THE ENGINEER AND/OR THE CITY UPON REQUEST. IF THE DESIGNATED SITE PERSON DETERMINES THAT THE E&S WORKS ARE NOT ADEQUATE TO PROTECT THE SITE DURING THE ANTICIPATED STORM EVENT, THEN HE/SHE IS TO IMMEDIATELY INFORM THE ENGINEER AND CONTRACTOR SO THAT THE WORKS CAN BE MODIFIED TO ADEQUATELY PROTECT THE SITE DURING THE STORM EVENT AND PROVIDE A WRITTEN REPORT TO THE ENGINEER AND/OR THE CITY UPON REQUEST.
13. DURING AND/OR FOLLOWING EACH SIGNIFICANT STORM EVENT, THE DESIGNATED SITE PERSON SHOULD OBSERVE THE STORM DRAIN TO CONFIRM THAT TURBID WATERS FROM SOURCES ASSOCIATED WITH CONSTRUCTION ARE NOT ENTERING THE STORM DRAINAGE SYSTEM. TAKE IMMEDIATE CORRECTIVE ACTION IF INSPECTION INDICATES A PROBLEM. RECORD INSPECTION DATES, ANY SIGNIFICANT OBSERVATIONS, AND ACTIONS TAKEN, THEN INFORM THE CONSULTANT IN CHARGE AND THE CITY OF _____.
14. CITY OF _____ STANDARD EROSION & SEDIMENT CONTROL SIGNAGE IS REQUIRED TO BE PLACED ON-SITE PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED IN PLACE UNTIL LANDSCAPING IS COMPLETED.



POND OUTLET DETAIL
NTS



SILT FENCE DETAIL
NTS



ACCESS PAD DETAIL
NTS

ISSUES		
No.	DATE	ISSUED FOR
A	2021.05.05	ISSUED FOR 50% DESIGN
B	2021.06.01	ISSUED FOR APPROVAL
C	2021.XX.XX	ISSUED FOR BUILDING PERMIT

CLIENT

2700 MISSION ROAD
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EROSION & SEDIMENT CONTROL PLAN

DESIGNED JVT	ENGINEER'S SEAL
DESIGN REVIEW PGR	
DRAFTED JVT/EP	
DRAFTING REVIEW PGR	
PROJECT No. 5116-001	CLIENT DRAWING No. C12
SCALE H: 1:250 V: 1:50	CITY FILE No. 3320-20-2101
HEL DRAWING No. C14	REVISION 14 OF 14 C