



# ISSUED FOR CONSTRUCTION

## CITY OF VERNON LAKE ACCESS

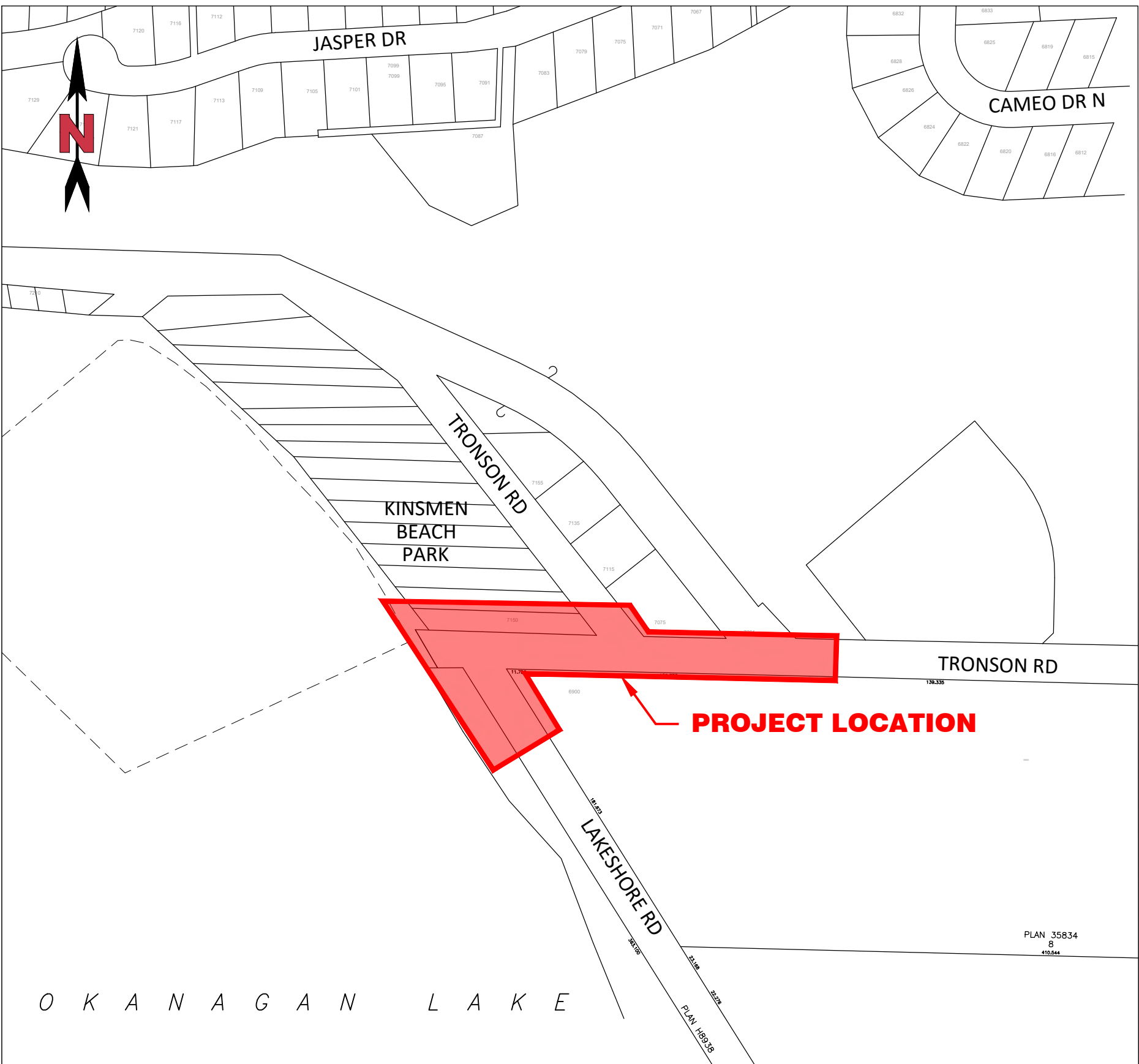
### SITE 22 - 3000 LAKESHORE ROAD



FEBRUARY 06, 2023

### INDEX OF DRAWING SHEETS

DRAWINGS SHEET TITLE	DRAWING SHEET NO.
COVER SHEET	
SITE PLAN	A21-028-01
REMOVALS & RELOCATIONS PLAN AND EROSION SEDIMENT CONTROL PLAN	A21-028-02
TRONSON ROAD PLAN AND PROFILE	A21-028-03
TRAFFIC MARKINGS AND SIGNAGE PLAN	A21-028-04
GRADING PLAN	A21-028-05
VEHICLE TURNING MOVEMENTS	A21-028-06
DETAILS	A21-028-07
TRAFFIC CONTROL PLAN - SINGLE LANE	A21-028-TCP01
TRAFFIC CONTROL PLAN - SHOULDER WORK 1	A21-028-TCP02
TRAFFIC CONTROL PLAN - SHOULDER WORK 2	A21-028-TCP03
PEDESTRIAN BRIDGE (CWMM CONSULTING)	S1
LANDSCAPE DETAILS (OUTLAND DESIGN)	L3



INDEX MAP

N.T.S.



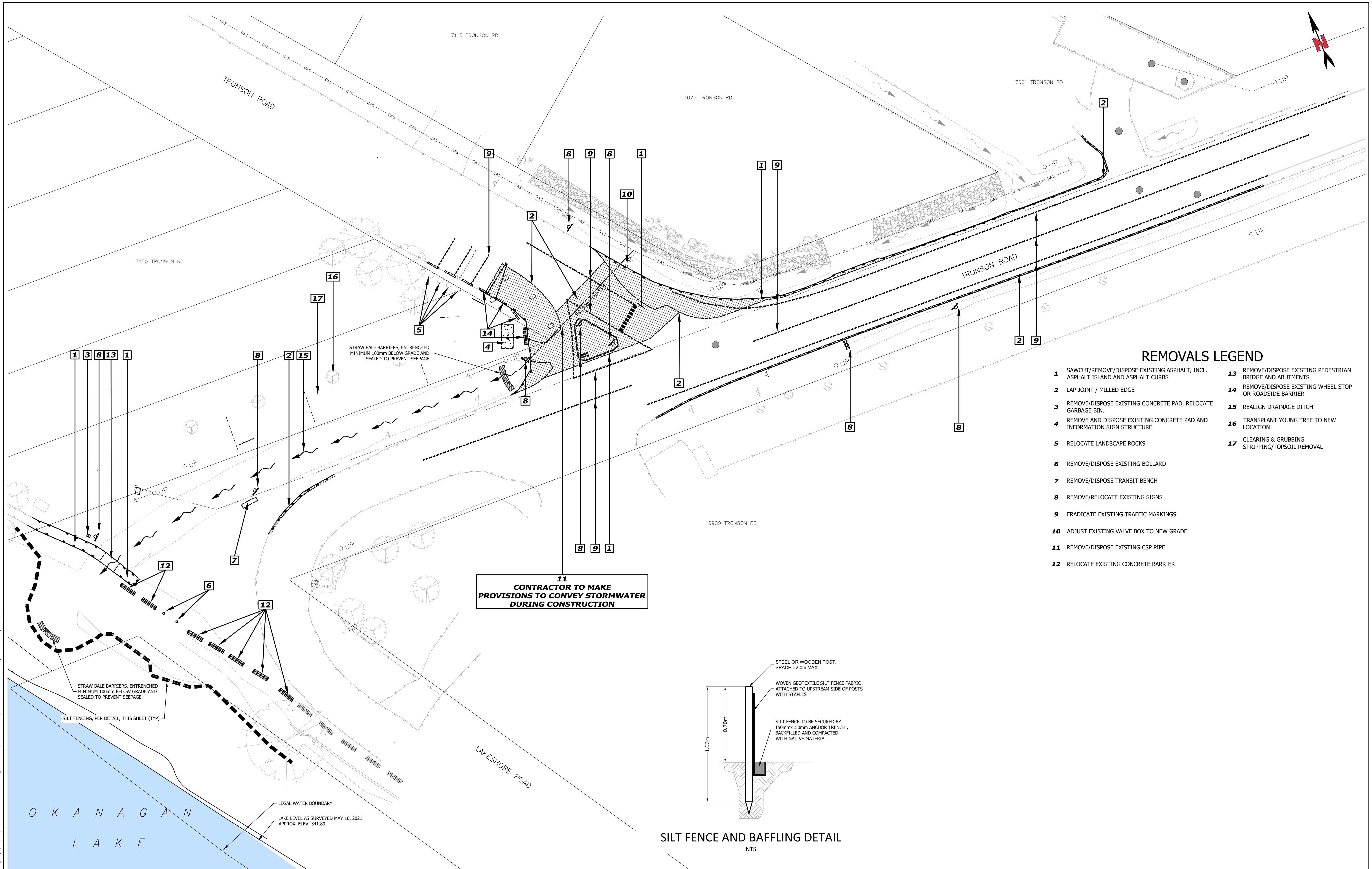
CITY OF VERNON

N.T.S.









REMOVALS LEGEND

- 1

SAWCUT/REMOVE/DISPOSE EXISTING ASPHALT, INCL. ASPHALT ISLAND AND ASPHALT CURBS
- 2
- LAP JOINT / MILLED EDGE

3

REMOVE/DISPOSE EXISTING CONCRETE PAD, RELOCATE GARBAGE BIN.

4

5

RELOCATE LANDSCAPE ROCKS

6

REMOVE/DISPOSE EXISTING BOLLARD

7

8

REMOVE/RELOCATE EXISTING SIGNS

9

10

ADJUST EXISTING VALVE BOX TO NEW GRADE

11

REMOVE/DISPOSE EXISTING CSP PIPE

12

13

REMOVE/DISPOSE EXISTING PEDESTRIAN BRIDGE AND ABUTMENTS

14

REMOVE/DISPOSE EXISTING WHEEL STOP OR ROADSIDE BARRIER

15

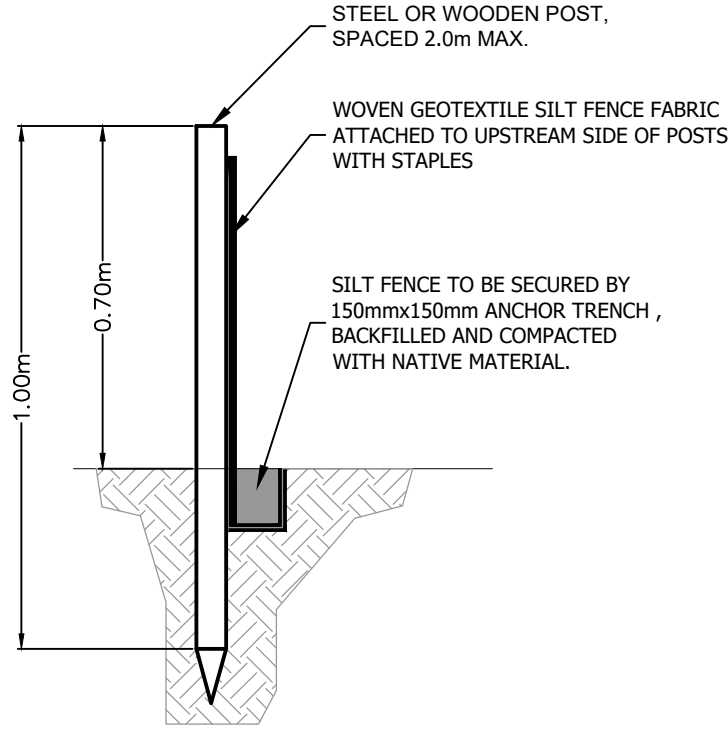
REALIGN DRAINAGE DITCH

16

TRANSPLANT YOUNG TREE TO NEW LOCATION

17

11  
CONTRACTOR TO MAKE PROVISIONS TO CONVEY STORMWATER DURING CONSTRUCTION



SILT FENCE AND BAFFLING DETAIL  
NTS

ISSUED FOR:  
CONSTRUCTION

No.	YR-MO-DAY	BY	REVISION	APPROVED
6	23-02-06	EEG	ISSUED FOR CONSTRUCTION	OJM
5	21-11-01	EEG	ISSUED FOR TENDER	OJM
4	21-09-03	DGN	ISSUED FOR 95% DESIGN REVIEW	OJM
3	21-06-25	DGN	ISSUED FOR 90% DESIGN REVIEW	OJM
2	21-06-07	DGN	ISSUED FOR ENVIRONMENTAL PERMIT	OJM

ISSUE DATE:  
23-02-06



BASE  
DGN  
DESIGN  
DGN  
APPROVED  
OJM  
SCALE  
1:200

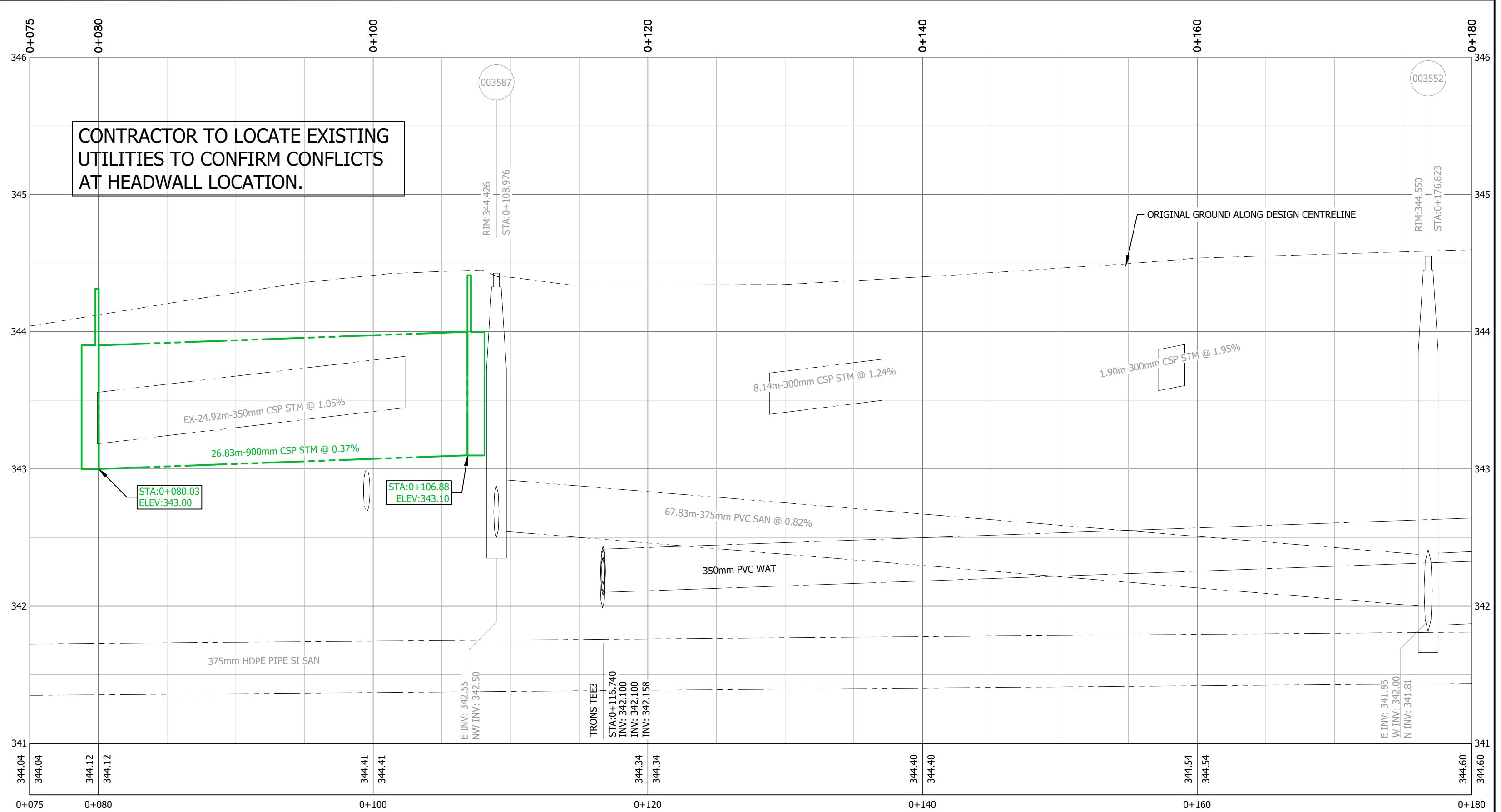
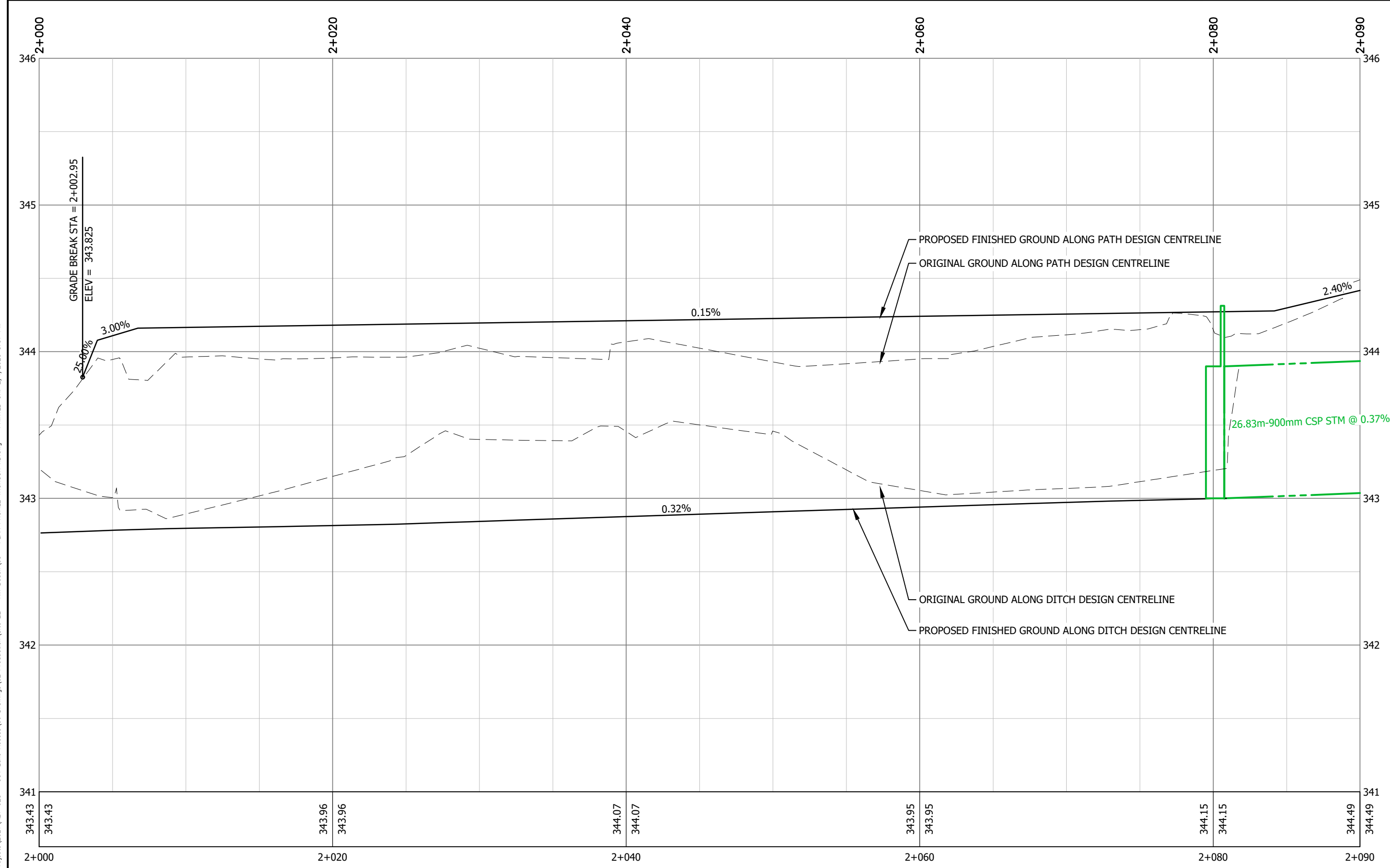
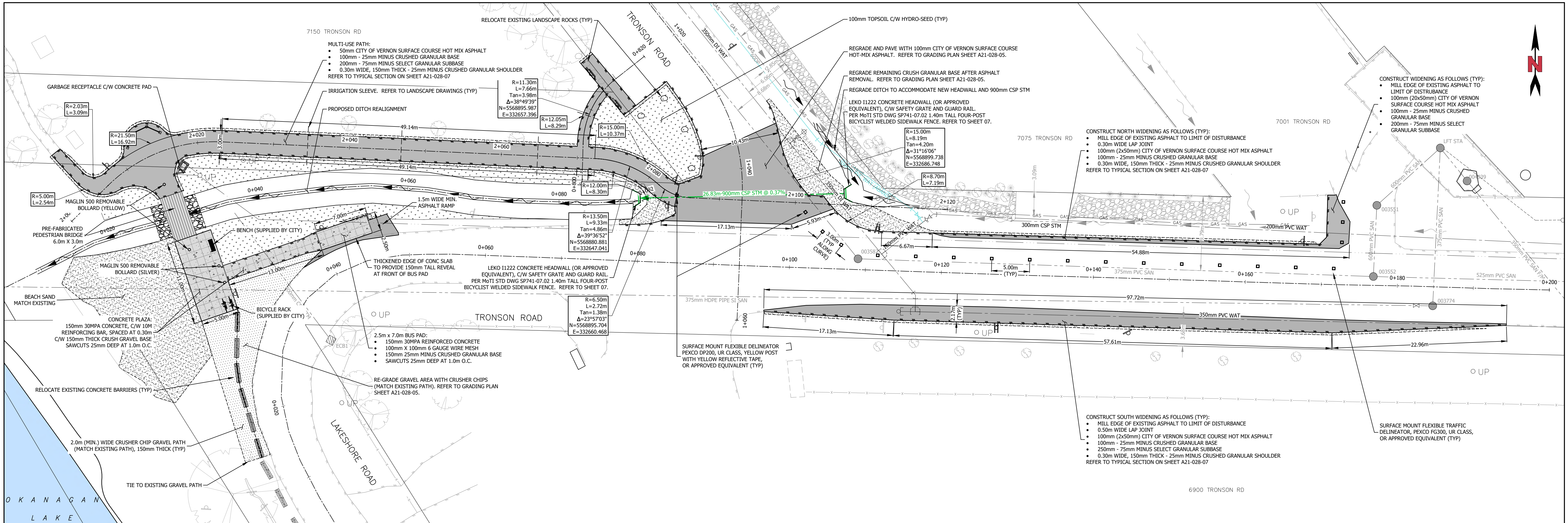


CITY OF VERNON  
LAKE ACCESS  
SITE 22 - 3000 LAKESHORE ROAD  
REMOVALS & RELOCATIONS AND EROSION  
SEDIMENT CONTROL PLAN

DRAWING NO.  
A21-028-02

REV.  
6





ISSUED FOR: CONSTRUCTION				ISSUE DATE: 23-02-06	
6	23-02-06	EEG	ISSUED FOR CONSTRUCTION	OJM	
5	21-11-01	EEG	ISSUED FOR TENDER	OJM	
4	21-09-03	DGN	ISSUED FOR 95% DESIGN REVIEW	OJM	
3	21-06-25	DGN	ISSUED FOR 90% DESIGN REVIEW	OJM	
2	21-06-07	DGN	ISSUED FOR ENVIRONMENTAL PERMIT	OJM	
No.	YR-MO-DAY	BY	REVISION	APPROVED	

PROFESSIONAL ENGINEER  
O. J. MORTON  
# 45690  
2023-02-14  
PERMIT TO PRACTICE: 1000340

BASE  
DGN  
DESIGN  
DGN  
APPROVED  
OJM  
SCALE  
H: 1:250  
V: 1:25

CITY OF VERNON  
LAKE ACCESS  
SITE 22 - 3000 LAKESHORE ROAD  
PARK MUP & TRONSON ROAD PLAN & PROFILE

ALIGN  
ENGINEERING  
www.aligneng.ca

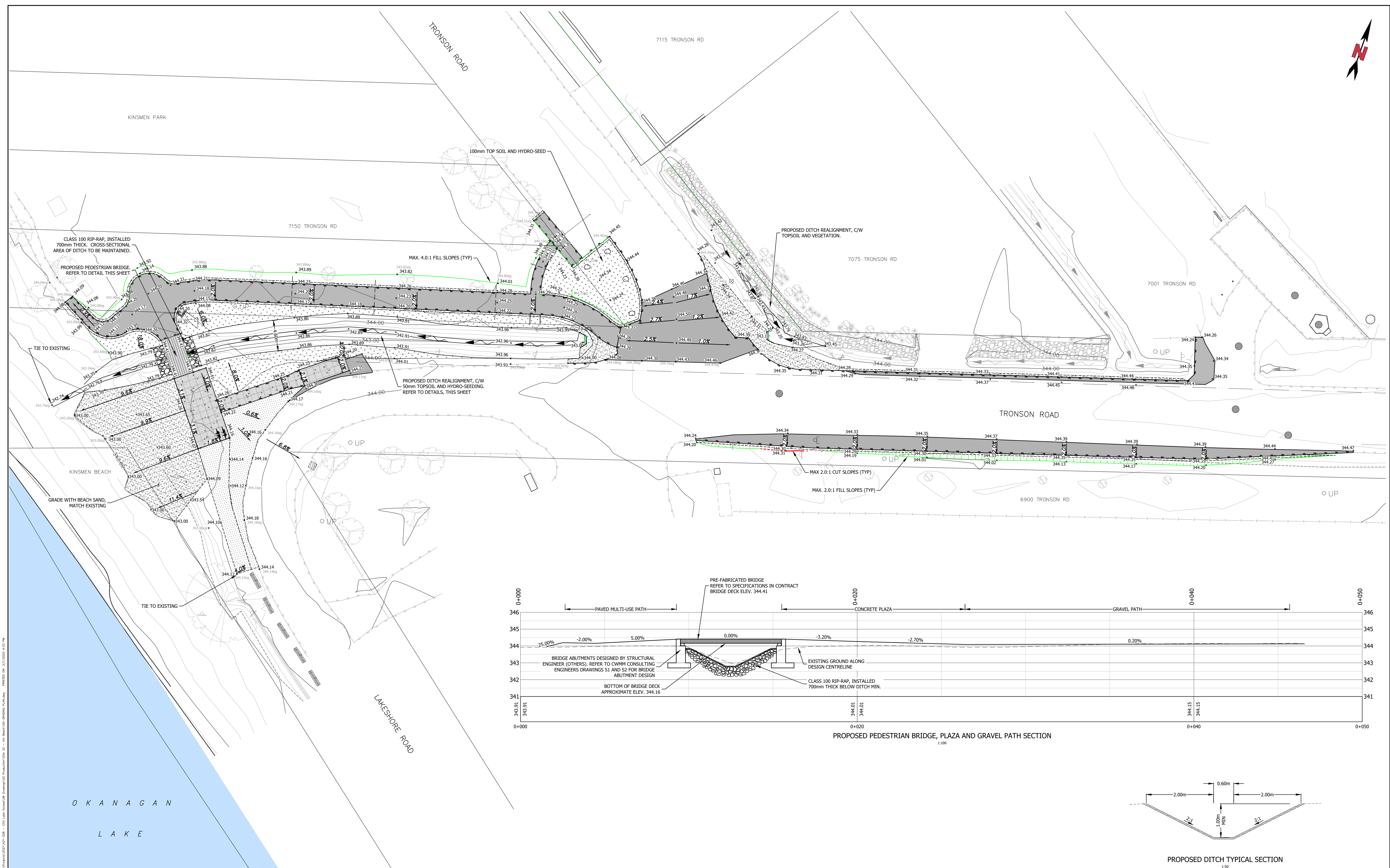
DRAWING NO. A21-028-03

REV. 6

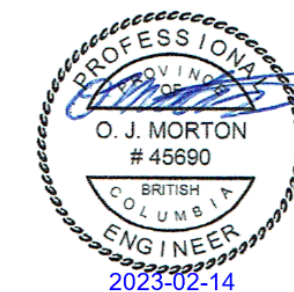








ISSUED FOR:				ISSUE DATE:
CONSTRUCTION				23-02-06
6	23-02-06	EEG	ISSUED FOR CONSTRUCTION	OJM
5	21-11-01	EEG	ISSUED FOR TENDER	OJM
4	21-09-03	DGN	ISSUED FOR 95% DESIGN REVIEW	OJM
3	21-06-25	DGN	ISSUED FOR 90% DESIGN REVIEW	OJM
2	21-06-07	DGN	ISSUED FOR ENVIRONMENTAL PERMIT	OJM
No.	YB-MAP/01	RY	REV/01/01	ASB/001



BASE
DGN
DESIGN
DGN
APPROVED
OJM
SCALE

1:250



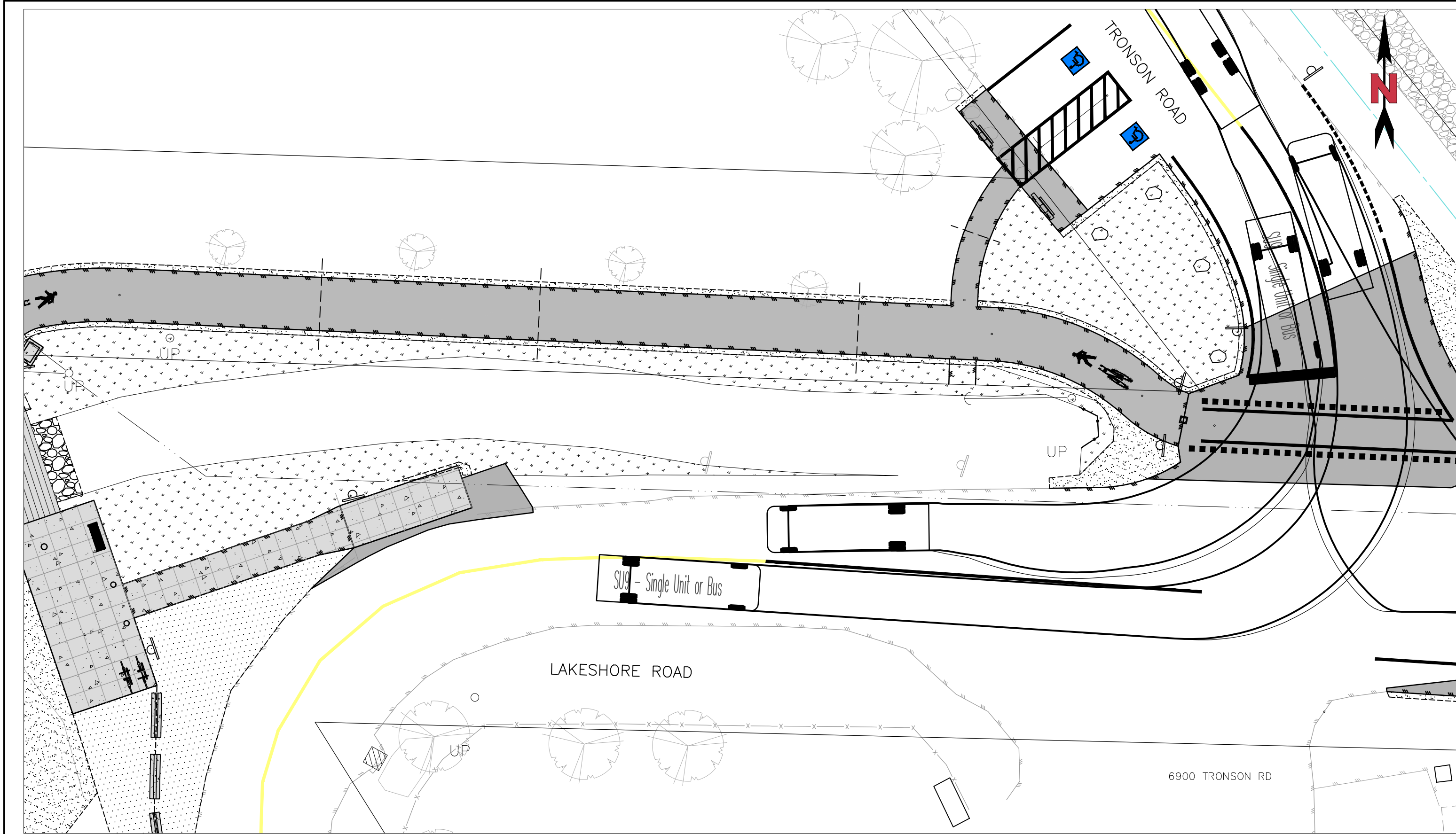
CITY OF VERNON  
LAKE ACCESS  
SITE 22 - 3000 LAKESHORE ROAD  
GRADING PLAN



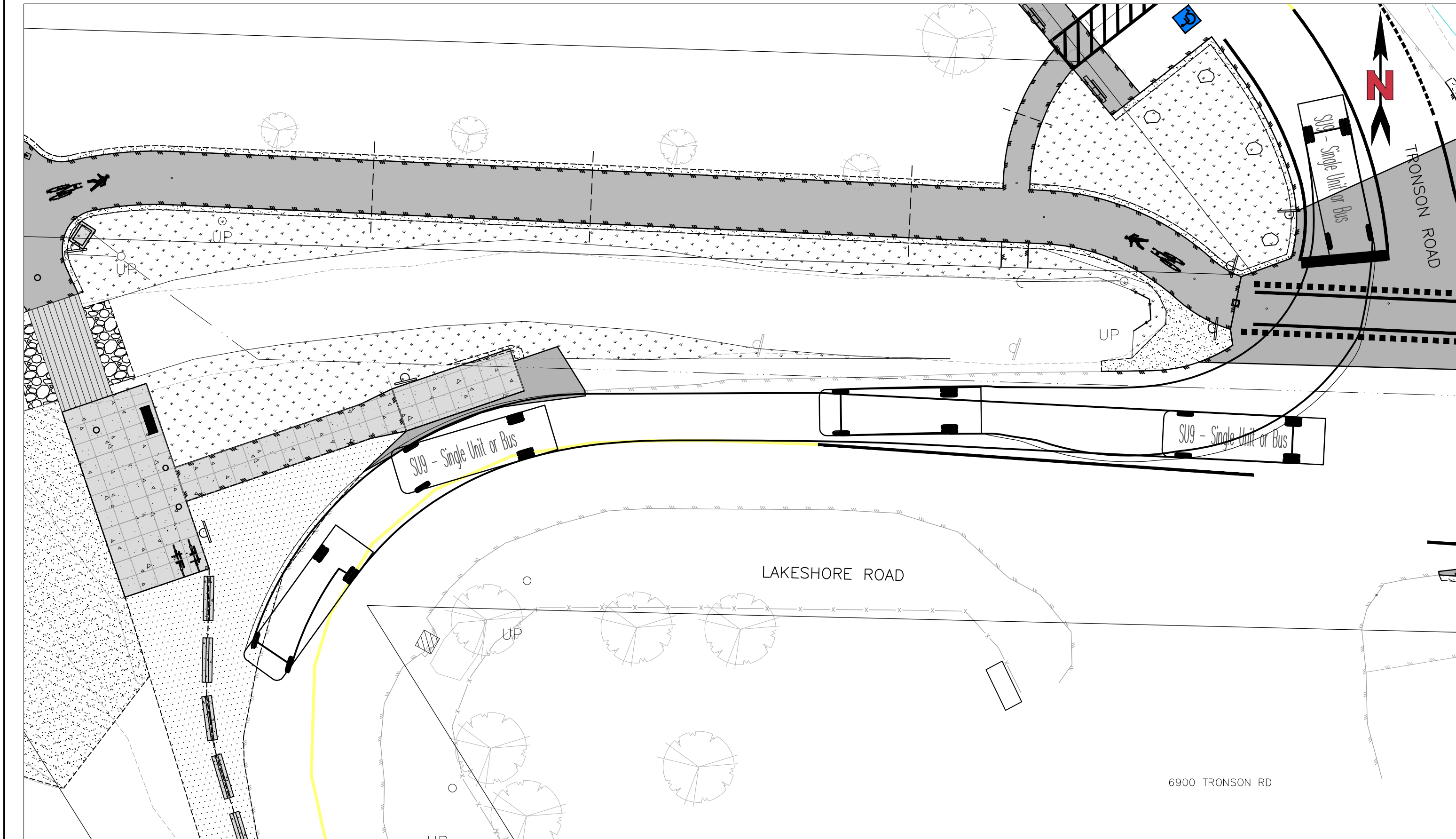
A21-028-05

6

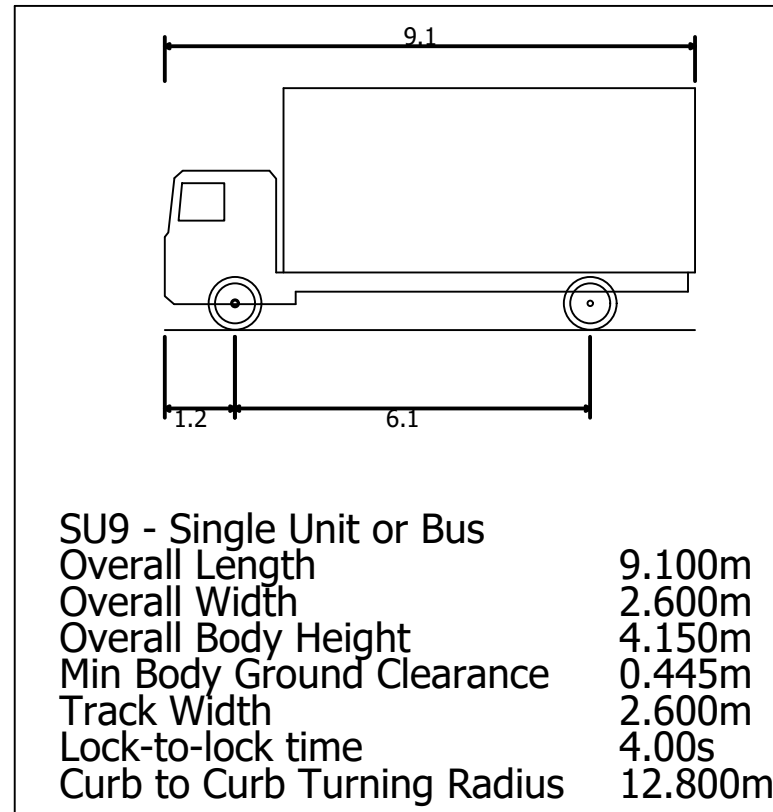




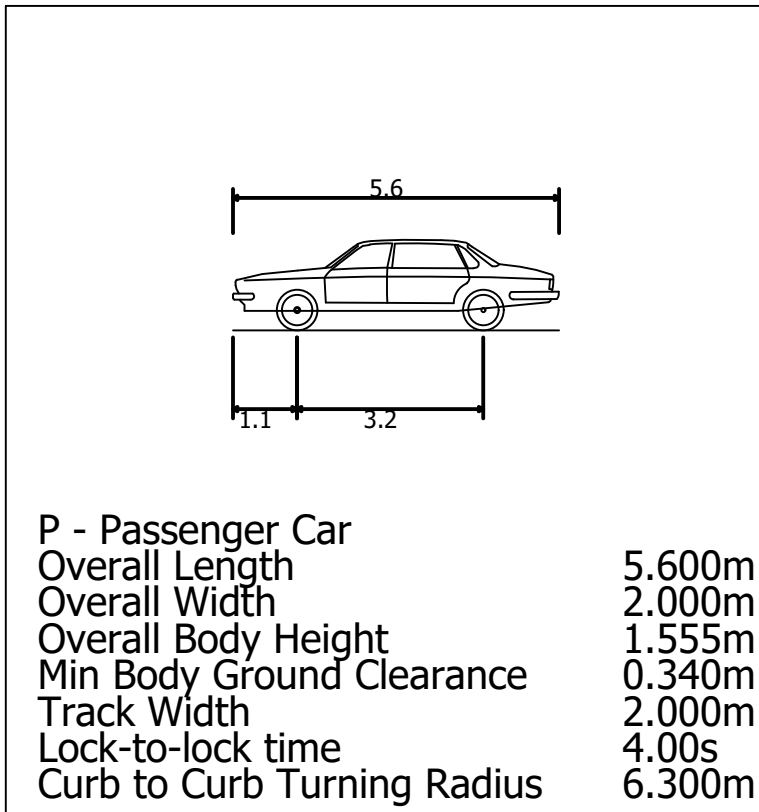
ACCESSIBLE PARKING - PASSENGER CAR AND NB LEFT-TURN-SU-9  
1:200



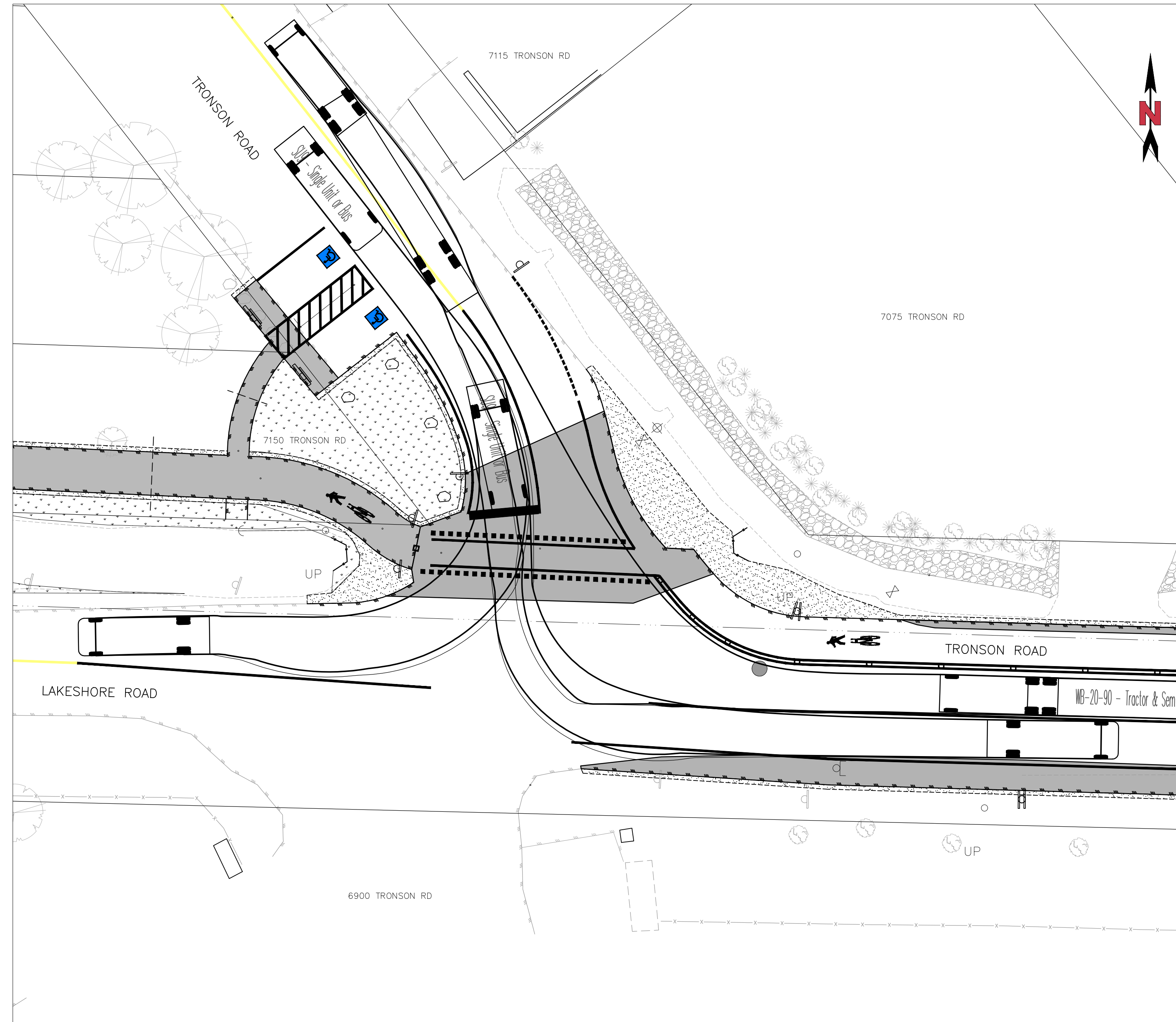
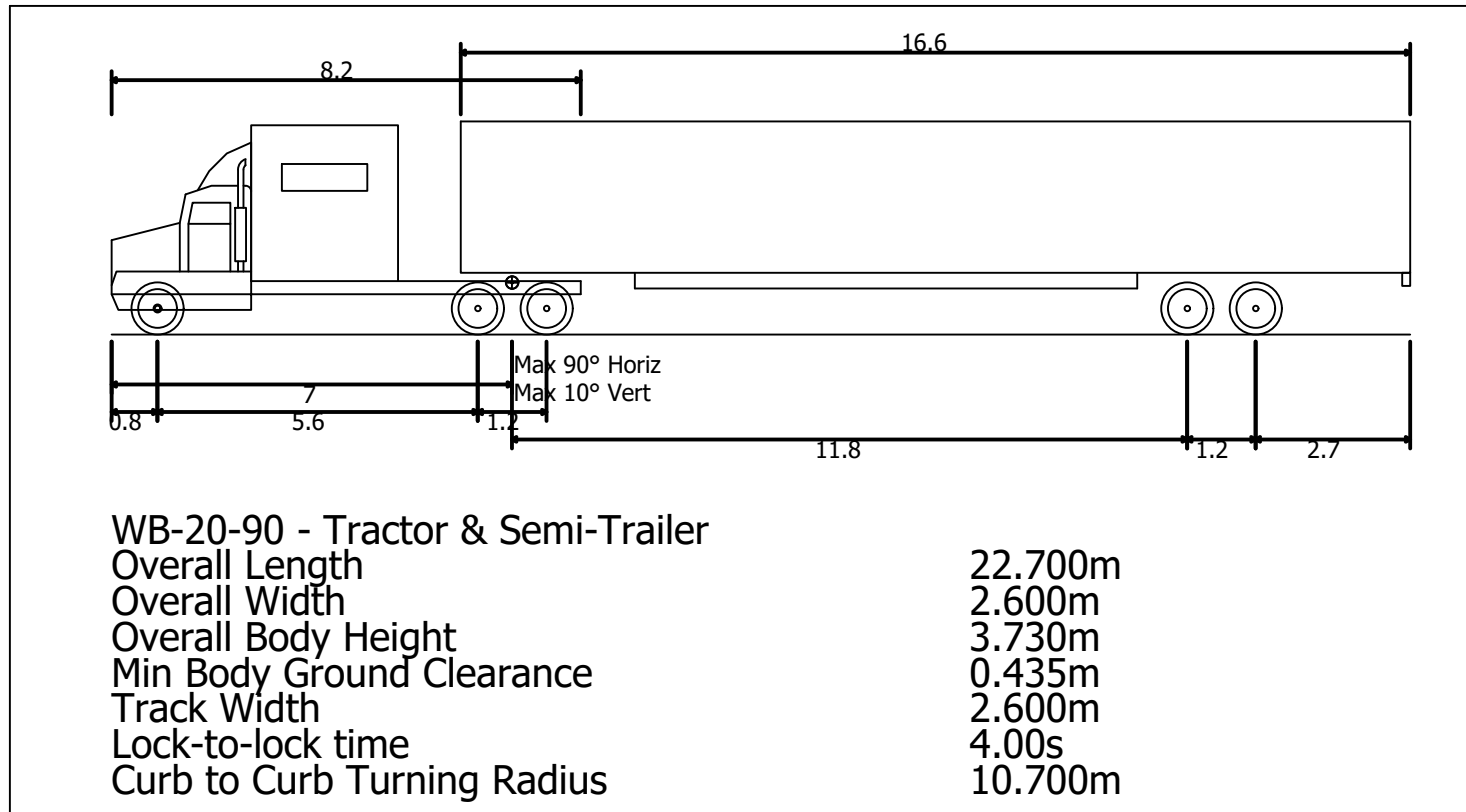
LAKESHORE BUS STOP - SU9 OR BUS  
1:200



DESIGN VEHICLE - SU-9  
NTS



DESIGN VEHICLE - SU-9  
NTS



TRONSON WEST-BOUND RIGHT TURN AND EAST-BOUND LEFT TURN - SU-9  
AND NORTH-BOUND RIGHT TURN - WB-20  
1:200

ISSUED FOR:  
**CONSTRUCTION**

No.	YR-MO-DAY	BY	REVISION	APPROVED
6	23-02-06	EEG	ISSUED FOR CONSTRUCTION	OJM
5	21-11-01	EEG	ISSUED FOR TENDER	OJM
4	21-09-03	DGN	ISSUED FOR 95% DESIGN REVIEW	OJM
3	21-06-25	DGN	ISSUED FOR 90% DESIGN REVIEW	OJM
2	21-06-07	DGN	ISSUED FOR ENVIRONMENTAL PERMIT	OJM

ISSUE DATE:  
23-02-06



PERMIT TO PRACTICE: 1000340

BASE  
DGN  
DESIGN  
DGN  
APPROVED  
DGN  
SCALE

1:200



CITY OF VERNON  
LAKE ACCESS  
SITE 22 - 3000 LAKESHORE ROAD  
VEHICLE TURNING MOVEMENTS



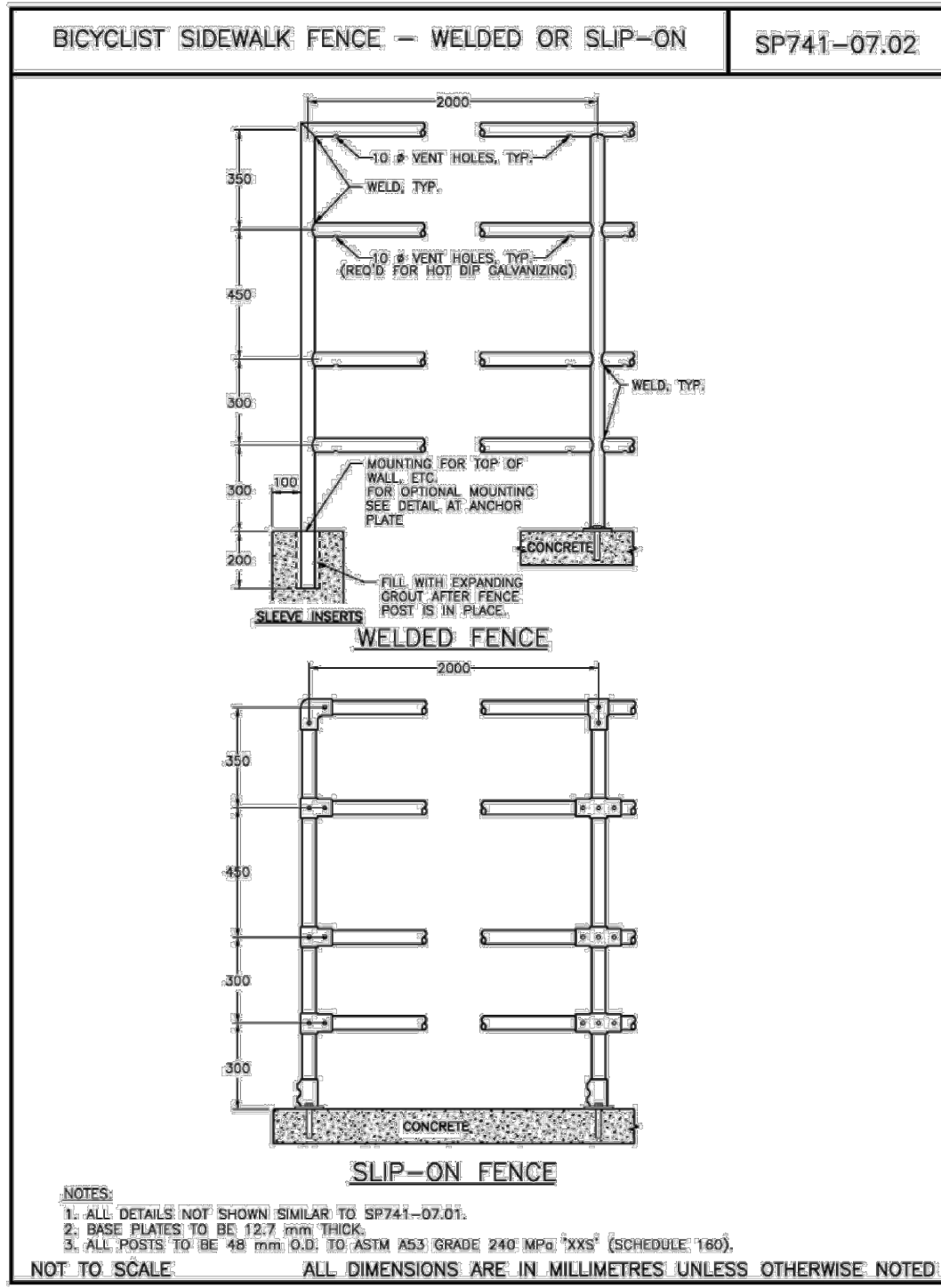
A21-028-06

REV.  
6



SECTION 741

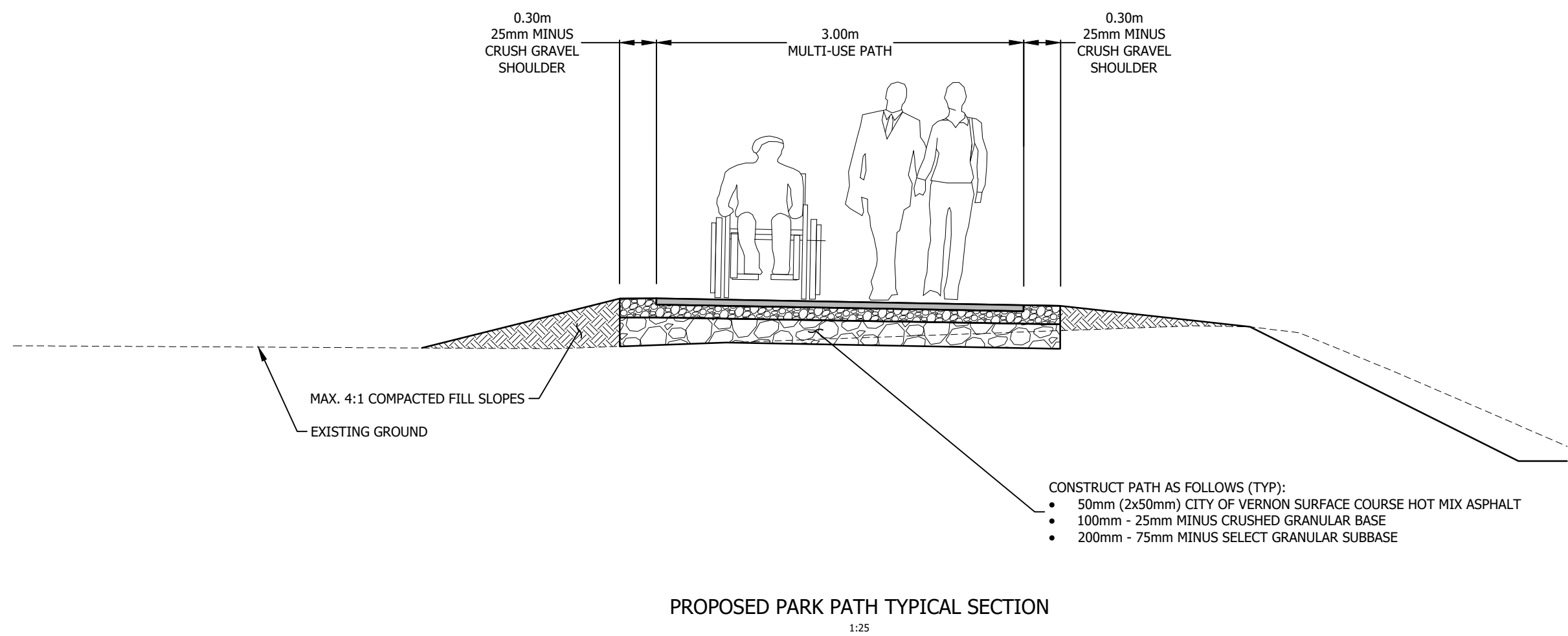
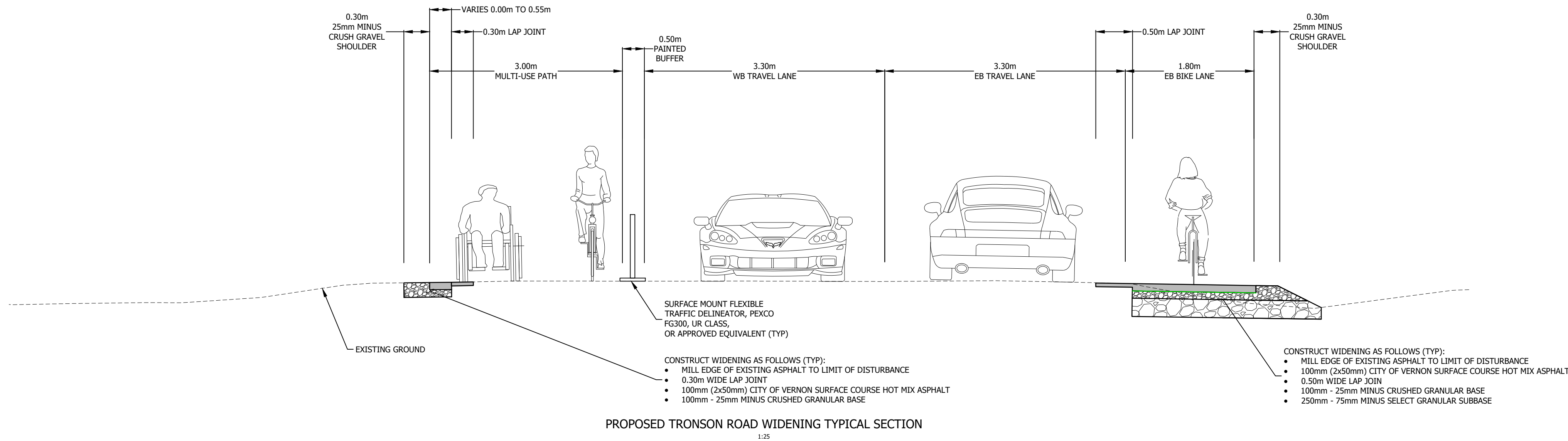
FENCE CONSTRUCTION



741 (28 of 30)

Feb. 12, 2009

BC MoT



ISSUED FOR:  
CONSTRUCTION

ISSUE DATE:  
23-02-06

No.	YR-MO-DAY	BY	REVISION	APPROVED
6	23-02-06	EEG	ISSUED FOR CONSTRUCTION	OJM
5	21-11-01	EEG	ISSUED FOR TENDER	OJM
4	21-09-03	DGN	ISSUED FOR 95% DESIGN REVIEW	OJM
3	21-06-25	DGN	ISSUED FOR 90% DESIGN REVIEW	OJM
2	21-06-07	DGN	ISSUED FOR ENVIRONMENTAL PERMIT	OJM

PERMIT TO PRACTICE: 10003340

BASE  
DGN  
DESIGN  
DGN  
APPROVED  
DGN  
SCALE



CITY OF VERNON  
LAKE ACCESS  
SITE 22 - 3000 LAKESHORE ROAD  
DETAILS



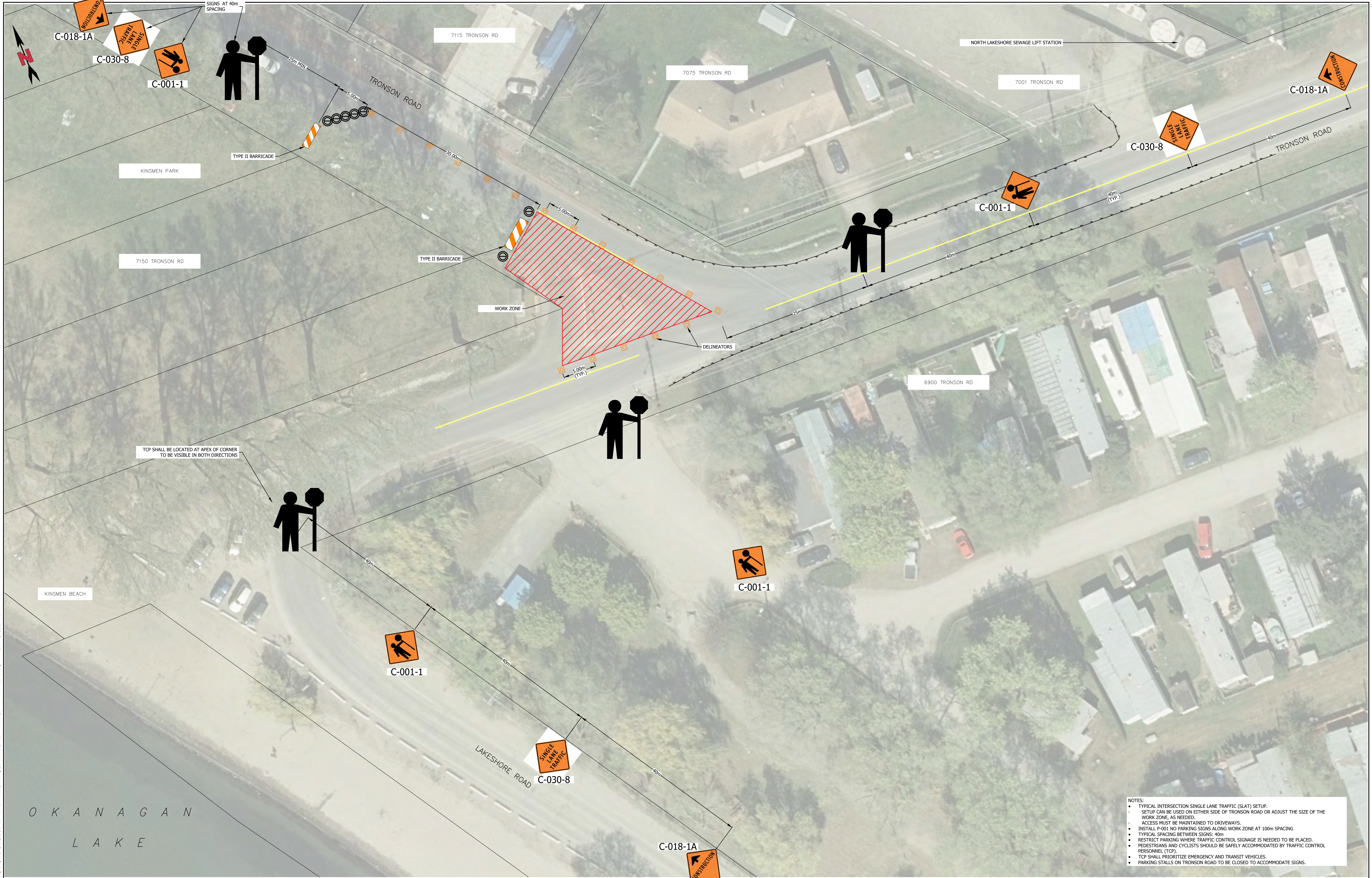
DRAWING NO.

A21-028-07

REV.

6





- NOTES:
- TYPICAL INTERSECTION SINGLE LANE TRAFFIC (SLAT) SETUP.
  - SETUP CAN BE USED ON EITHER SIDE OF TRONSON ROAD OR ADJUST THE SIZE OF THE WORK ZONE, AS NEEDED.
  - ACCESS MUST BE MAINTAINED TO DRIVEWAYS.
  - INSTALL P-001 NO PARKING SIGNS ALONG WORK ZONE AT 100m SPACING
  - TYPICAL SPACING BETWEEN SIGNS: 40m
  - RESTRICT PARKING WHERE TRAFFIC CONTROL SIGNAGE IS NEEDED TO BE PLACED.
  - PEDESTRIANS AND CYCLISTS SHOULD BE SAFELY ACCOMMODATED BY TRAFFIC CONTROL PERSONNEL (TCP).
  - TCP SHALL PRIORITIZE EMERGENCY AND TRANSIT VEHICLES.
  - PARKING STALLS ON TRONSON ROAD TO BE CLOSED TO ACCOMMODATE SIGNS.

FILE LOCATION: C:\Users\jeng\Documents - jeng\Engineering\A21-028-TCP01\A21-028-TCP01.dgn - C:\Users\jeng\Documents - jeng\Engineering\A21-028-TCP01\A21-028-TCP01.dgn - C:\Users\jeng\Documents - jeng\Engineering\A21-028-TCP01\A21-028-TCP01.dgn - C:\Users\jeng\Documents - jeng\Engineering\A21-028-TCP01\A21-028-TCP01.dgn

LEGEND:	
	SIGN MARKER
	FLEXIBLE TRAFFIC BARREL DRUM
	DELINEATOR CONE
	CLASS II BARRICADE
	WORK ZONE

ISSUED FOR:					ISSUE DATE:	
CONSTRUCTION					23-02-14	
2	23-02-14	EEG	ISSUED FOR CONSTRUCTION	TPB		
1	21-07-17	SCD	ISSUED FOR 100% DESIGN	TPB		
No.	YR-MO-DAY	BY	REVISION	APPROVED		

PERMIT TO PRACTICE: 1000340

BASE DGN DESIGN DGN APPROVED TPB SCALE	
NTS	

CITY OF VERNON  
LAKE ACCESS  
SITE 22 - 3000 LAKESHORE ROAD  
TCP - SINGLE LANE ALTERNATING TRAFFIC  
(SLAT)

ALIGN  
ENGINEERING

www.aligneng.ca

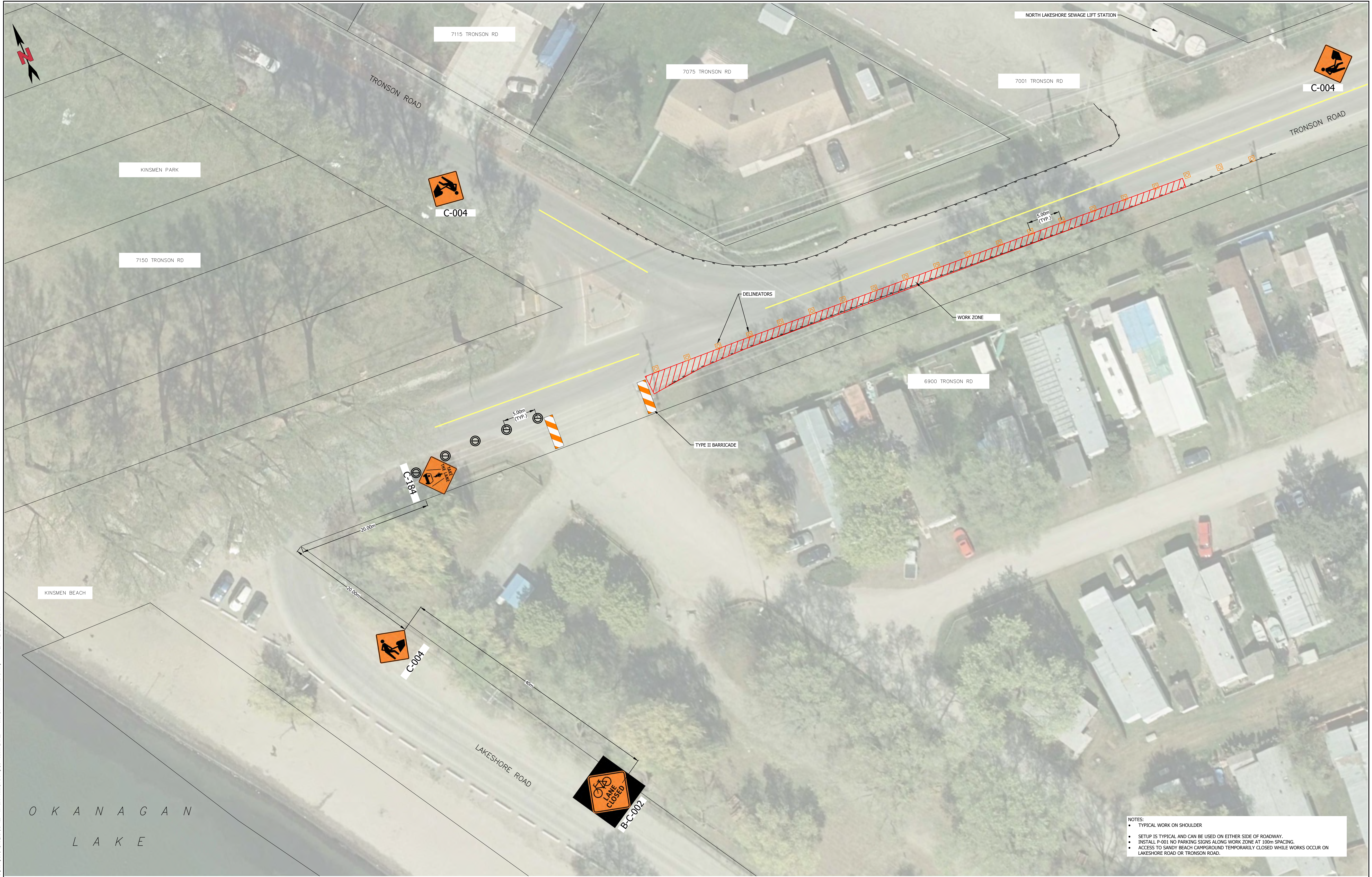
DRAWING NO.

A21-028-TCP01

REV.

2





NOTES:

- TYPICAL WORK ON SHOULDER
- SETUP IS TYPICAL AND CAN BE USED ON EITHER SIDE OF ROADWAY.
- INSTALL P-001 NO PARKING SIGNS ALONG WORK ZONE AT 100m SPACING.
- ACCESS TO SANDY BEACH CAMPGROUND TEMPORARILY CLOSED WHILE WORKS OCCUR ON LAKESHORE ROAD OR TRONSON ROAD.

LEGEND:	
	SIGN MARKER
	FLEXIBLE TRAFFIC BARREL DRUM
	DELINEATOR CONE
	CLASS II BARRICADE
	WORK ZONE

ISSUED FOR:				ISSUE DATE:
CONSTRUCTION				23-02-14
2	23-02-14	EEG	ISSUED FOR CONSTRUCTION	TPB
1	21-07-17	SCD	ISSUED FOR 100% DESIGN	TPB
No.	YR-MO-DAY	BY	REVISION	APPROVED

PERMIT TO PRACTICE: 1000340

BASE	DGN
DESIGN	DGN
APPROVED	TPB
SCALE	SCALE
NTS	



CITY OF VERNON  
LAKE ACCESS  
SITE 22 - 3000 LAKESHORE ROAD  
TCP - WORK ON SHOULDER 1

	ALIGN ENGINEERING
DRAWING NO.	REV.
A21-028-TCP02	2





FILE: C:\Users\jgordon\OneDrive - City of Vernon\Documents\Engineering\23\23-028\23-028-003\23-028-003-001.dwg  
PLOT: 23-028-003-001.dwg  
PLOT DATE: 23-02-14 10:30 AM  
PLOT BY: jgordon

- NOTES:
- TYPICAL WORK ON SHOULDER
  - SETUP IS TYPICAL AND CAN BE USED ON EITHER SIDE OF ROADWAY.
  - INSTALL P-001 NO PARKING SIGNS ALONG WORK ZONE AT 100m SPACING.
  - ACCESS TO PROPERTIES MUST BE MAINTAINED AT ALL TIMES

LEGEND:

- SIGN MARKER
- FLEXIBLE TRAFFIC BARREL DRUM
- DELINEATOR CONE
- CLASS II BARRICADE
- WORK ZONE

ISSUED FOR:				ISSUE DATE:	
CONSTRUCTION				23-02-14	
2	23-02-14	EEG	ISSUED FOR CONSTRUCTION	TPB	
1	21-07-17	SCD	ISSUED FOR 100% DESIGN	TPB	
No.	YR-MO-DAY	BY	REVISION	APPROVED	

PERMIT TO PRACTICE: 1000340

BASE  
DGN  
DESIGN  
DGN  
APPROVED  
TPB  
SCALE  
  
NTS



CITY OF VERNON  
LAKE ACCESS  
SITE 22 - 3000 LAKESHORE ROAD  
TCP - WORK ON SHOULDER 2

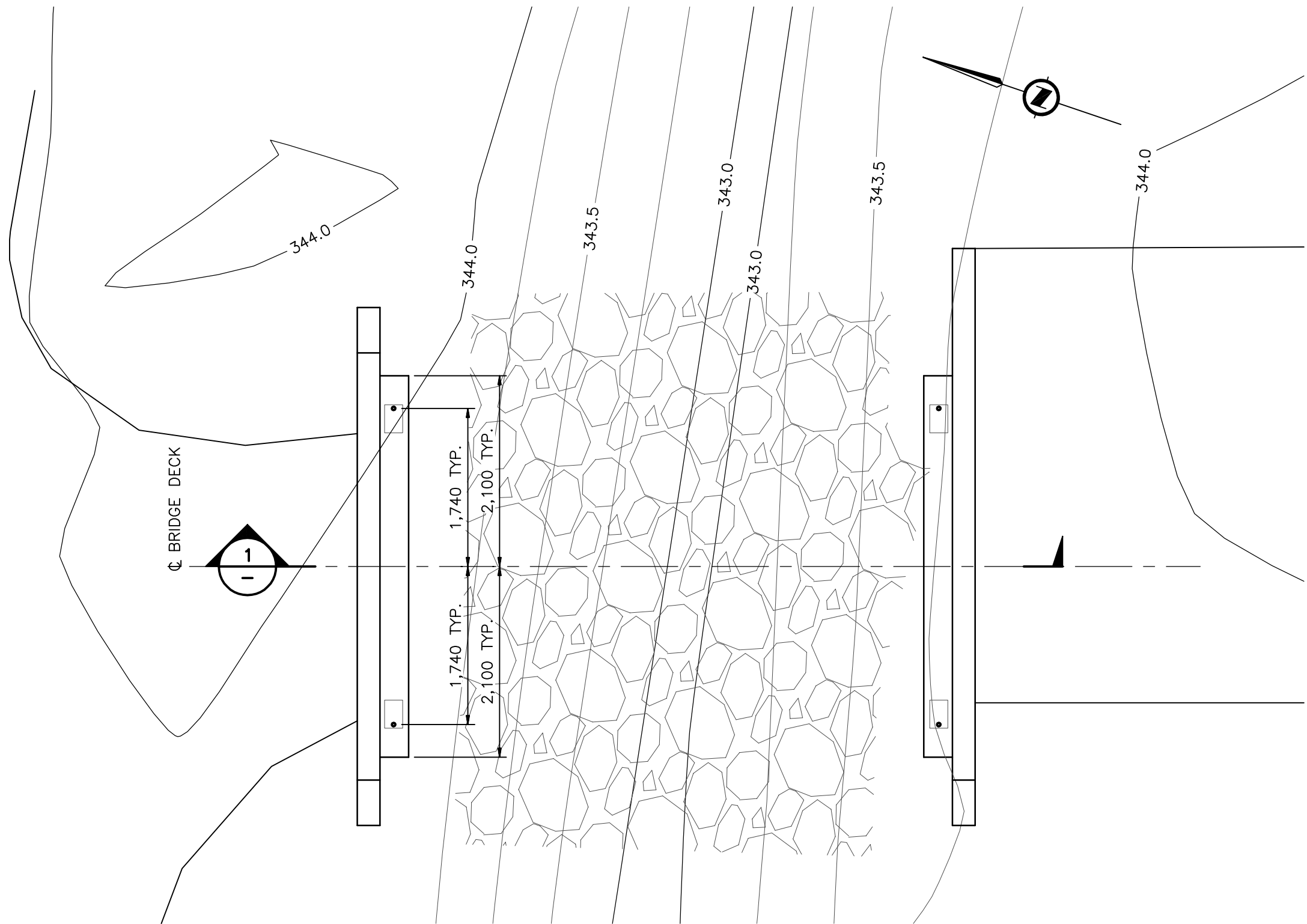


ALIGN  
ENGINEERING  
www.aligneng.ca

DRAWING NO.  
A21-028-TCP03

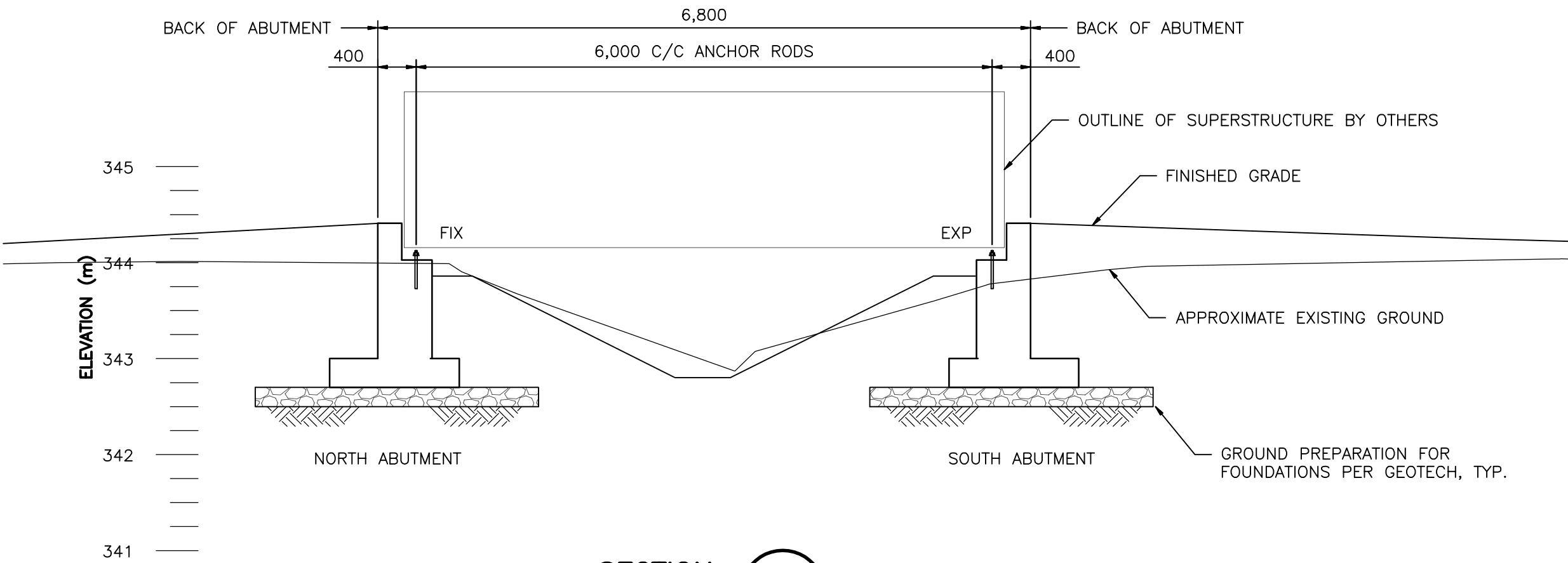
REV.  
2





PLAN

1:50



SECTION 1

1:50

GENERAL NOTES:

- CWMM IS ONLY RESPONSIBLE FOR THE CAST-IN-PLACE CONCRETE ABUTMENTS SHOWN ON THESE DRAWINGS. FOR SUPERSTRUCTURE DESIGN AND DETAILS SEE THE PROPRIETARY BRIDGE DRAWINGS BY ALGONQUIN BRIDGE.
- REFER TO CIVIL DRAWINGS BY ALIGN ENGINEERING FOR CONCRETE ABUTMENT LAYOUT, ALL CHANNEL AND APPROACH WORKS, AND SITE GRADING.
- REFER TO GEOTECHNICAL REPORT BY FLETCHER PAINE ASSOCIATES LTD. DATED NOVEMBER 2, 2021 FOR ALL EXCAVATIONS, DEWATERING, ENGINEERED AND BACK FILL RECOMMENDATIONS, SUBGRADE PREPARATIONS, ETC.
- FOUNDATION AND CONCRETE WORK TO BE DONE IN GENERAL ACCORDANCE WITH THE MINISTRY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION 2016 VERSION.
- DESIGN SPECIFICATIONS:
  - CAN/CSA-S6-14
  - BC MOT BRIDGE STANDARDS AND PROCEDURES MANUAL, VOLUME 1, SUPPLEMENT TO CHBDC S6-14
- FOUNDATION DESIGN IS BASED ON THE FOLLOWING:
  - SITE SPECIFIC GEOTECHNICAL PARAMETERS SPECIFIED IN THE NOTED GEOTECHNICAL REPORT
  - BEARING / ABUTMENT LOADS PROVIDED BY ALGONQUIN BRIDGE AS FOLLOWS:  
BEARING / ABUTMENT LOADS (UNFACTORED) (TO BE CONFIRMED)

BEARING REACTION	VERTICAL	HORIZONTAL LOAD TRANSVERSE TO THE STRUCTURE
DEAD LOAD (STEEL)	9 kN	-
DEAD LOAD (TIMBER)	3 kN	-
LIVE LOAD (PEDESTRIAN)	18 kN	-
WIND	±13 kN	±9 kN
- THIS SET OF DRAWINGS SHOWS THE COMPLETED STRUCTURE, AND DOES NOT SHOW TEMPORARY WORK OR WORK WHICH MAY BE REQUIRED FOR SAFETY DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR GENERAL SAFETY ON AND ABOUT THE JOB SITE DURING THE CONSTRUCTION PERIOD, AND FOR DESIGN AND ERECTION OF ALL FALSEWORK, SHORING, BRACING, AND OTHER TEMPORARY MEASURES. STRICTLY ADHERE TO ALL REQUIREMENTS OF WORKSAFE BC.
- CWMM PROVIDES FIELD REVIEW FOR THE WORK SHOWN ON THE STRUCTURAL DRAWINGS PREPARED BY CWMM. THIS REVIEW IS A PERIODIC REVIEW AT THE PROFESSIONAL JUDGMENT OF CWMM. THE PURPOSE IS TO ASCERTAIN THAT THE WORK IS IN GENERAL CONFORMANCE WITH THE PLANS AND SUPPORTING DOCUMENTS PREPARED BY CWMM AND TO FULFILL THE REQUIREMENTS FOR THE COMPLETION OF LETTERS OF ASSURANCE REQUIRED.
- ALL NON-CONFORMING WORKS THAT REQUIRE REMEDIAL ACTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY EXTRA TIME OR COST INCURRED TO CWMM TO ASSIST OR ADVISE THE CONTRACTOR IN RECTIFYING THE WORK SHALL BE BORNE BY THE CONTRACTOR.
- A MINIMUM 24 HOURS NOTICE SHALL BE GIVEN BY THE CONTRACTOR FOR ANY FIELD REVIEWS TO BE CARRIED OUT BY CWMM.
- ABUTMENT FOOTINGS SHALL BE PLACED AT THE ELEVATIONS SHOWN OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER. NO FOOTING CONCRETE SHALL BE POURED PRIOR TO APPROVAL OF THE BEARING MATERIAL BY THE GEOTECHNICAL ENGINEER.
- CONTOURS SHOWN REPRESENT EXISTING GROUND PRIOR TO BRIDGE CONSTRUCTION.
- GEOMETRY SHOWN AT REFERENCE TEMPERATURE OF 15° C.
- ALL PLAN DIMENSIONS ARE HORIZONTAL U.N.O.

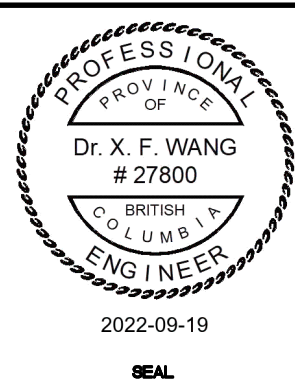
SUBSTRUCTURE NOTES:


- UNLESS NOTED OTHERWISE, CONCRETE SHALL BE PROPORTIONED AS FOLLOWS:


MINIMUM 28 DAY STRENGTH (MPa)	SLUMP AT POINT OF DISCHARGE (mm)	AIR CONT. (%)	MAX. AGG. (mm)	EXPOSURE CLASS
35	80 ± 30	4 - 7	28	C1
- CONCRETE SUPPLIER SHALL COMPLY WITH REQUIREMENTS IN ALTERNATIVE 1 IN TABLE 11 IN CAN/CSA-A23.1
- WHEN SUPERPLASTICIZERS ARE USED, THE SLUMP MAY BE INCREASED BEYOND THE VALUES GIVEN, BUT SHALL BE BELOW THE POINT WHERE SEGREGATION WILL OCCUR.
- CODE CONFORMANCE (U.N.O.):
  - CEMENT SHALL BE TYPE GU TO CAN/CSA-A5.
  - ALL CONCRETE PROPORTIONING AND CONCRETE WORK SHALL CONFORM TO CAN/CSA-A23.1.
  - TESTING OF CONCRETE AND MATERIALS SHALL BE TO CAN/CSA-A23.2
  - REINFORCING BARS SHALL CONFORM TO CAN/CSA-G30.18-M92 GRADE 400R.
  - CHEMICAL ADMIXTURES SHALL CONFORM TO CAN3-A266.2. CHLORIDE-BASED ADMIXTURES WILL NOT BE PERMITTED.
- CONCRETE AND MATERIALS TESTING AGENCY MUST BE CSA CERTIFIED. SUBMIT CONCRETE TEST RESULTS TO THE OWNER'S REPRESENTATIVE.
- REINFORCING SPLICES SHALL HAVE THE FOLLOWING MIN. LAP LENGTHS, U.N.O.: 15M: 650 20M: 800 25M: 1300
- CLEAR COVER FOR REINFORCING STEEL, U.N.O.:

CONCRETE CAST AGAINST SOIL	-	100
CONCRETE EXPOSED TO SOIL OR WEATHER	-	60
- WHEN HOT OR COLD WEATHER IS FORECAST, ADHERE STRICTLY TO CAN/CSA A23.1 FOR PROPER PREPARATIONS AND CURING PROCEDURES.
- ALL CONCRETE SHALL BE PLACED IN THE DRY.
- ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 20 U.N.O.
- ALL EXPOSED CONCRETE SURFACES TO RECEIVE CLASS 3 FINISH.
- ANCHORS RODS TO CONFORM TO ASTM A307 AND SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 AND A153.

ISSUED INFORMATION	ISSUED FOR	ISSUE	DATE	ISSUED BY	REVISION INFORMATION	REV. No.	DATE	DESIGNED	DRAWN	CHECKED	DESCRIPTION
	TENDER	1	2021-11-04	BL		1	2022/09/06	GW	TT	DB	DIMENSION REVISIONS TO SUIT SUPERSTRUCTURE SHOP DWGS
	CONSTRUCTION	2	2022-09-06	GW							



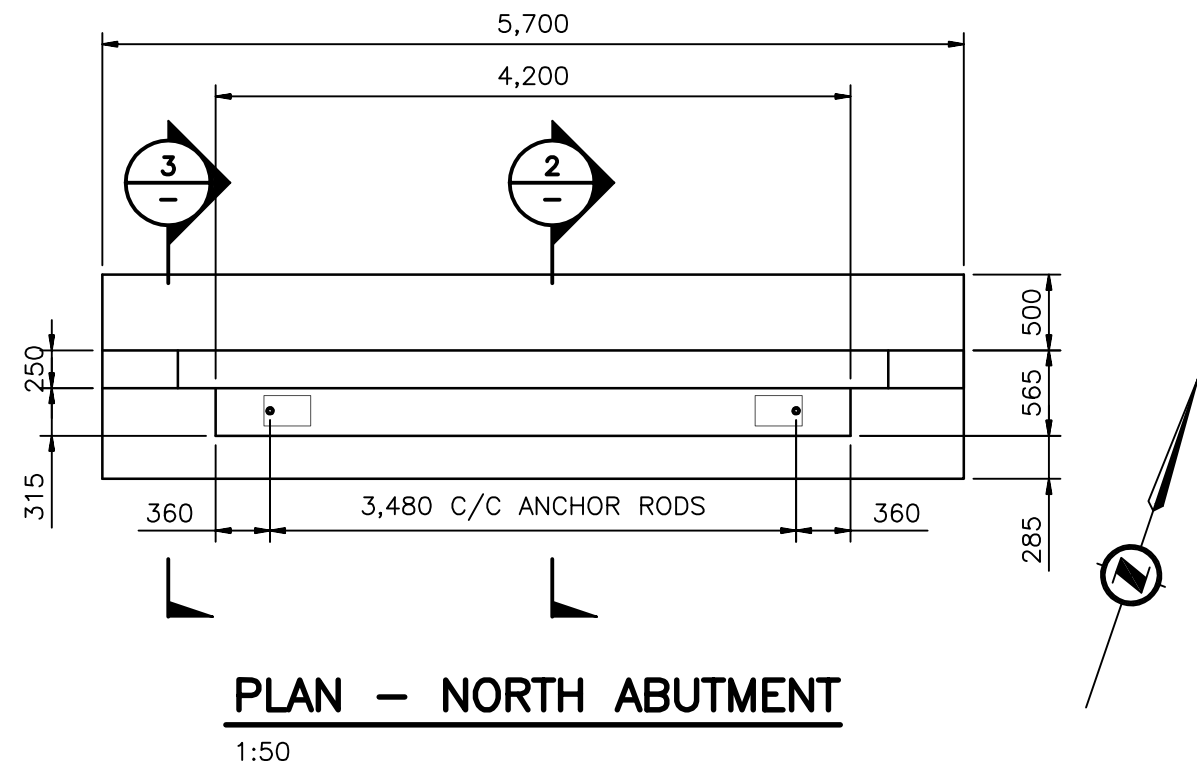
**THE CORPORATION OF THE CITY OF VERNON**  
ENGINEERING SERVICES

**CWMM Consulting Engineers Ltd.**  
200-1854 Kirschner Road  
Kelowna, B.C. Canada V1Y 4N6  
Tel: (250) 868-2308 Fax: (250) 868-2374 kelowna@cwmm.ca  
EGBC Permit to Practice #1000918

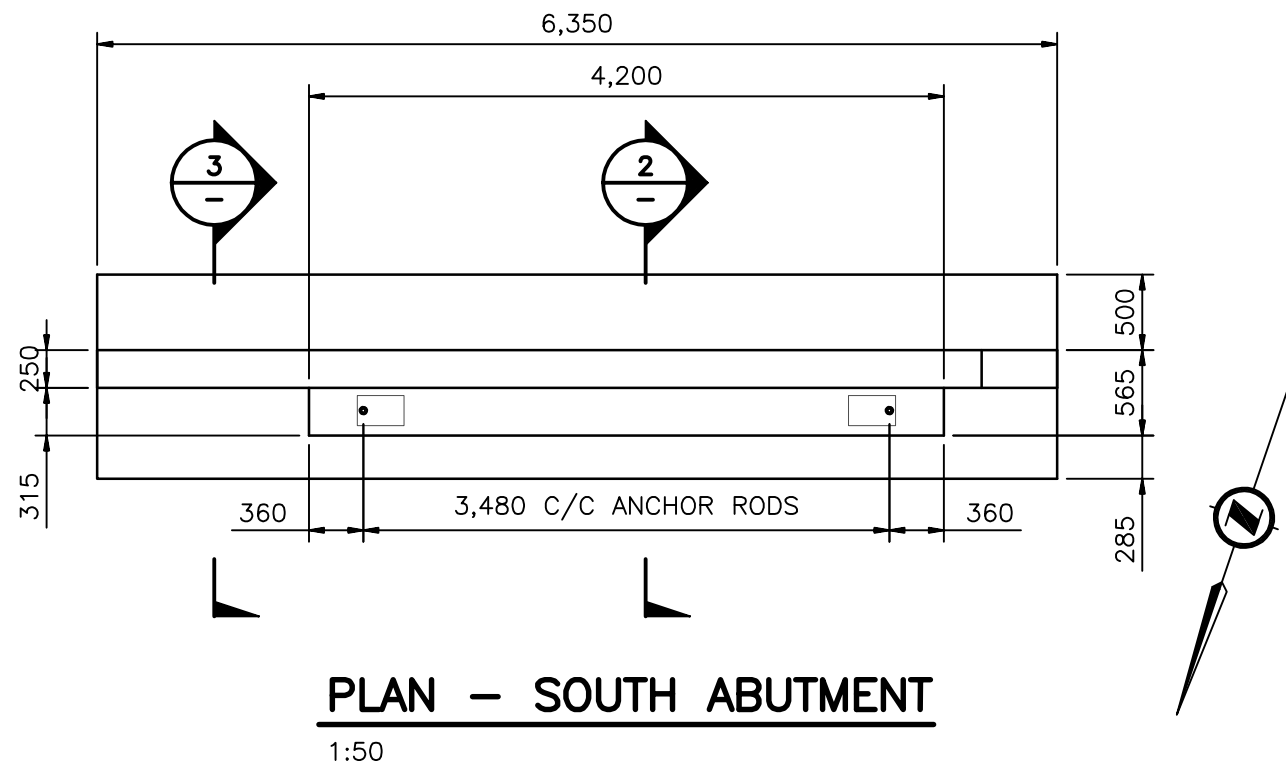
K6278

TITLE	CITY OF VERNON LAKE ACCESS SITE 22 - 3000 LAKESHORE ROAD	DESIGNED <u>BL</u> DATE 2021-11-04 DRAWN <u>TT</u> DATE 2021-11-04
	PEDESTRIAN BRIDGE GENERAL ARRANGEMENT	DRAWING NUMBER S1



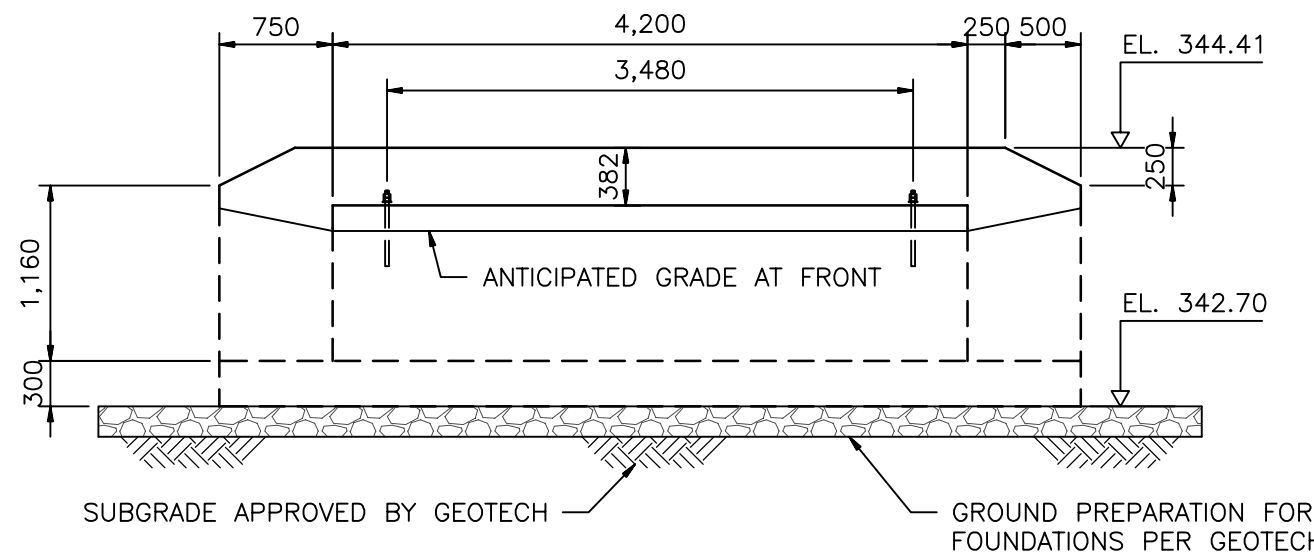


PLAN — NORTH ABUTMENT  
1:50

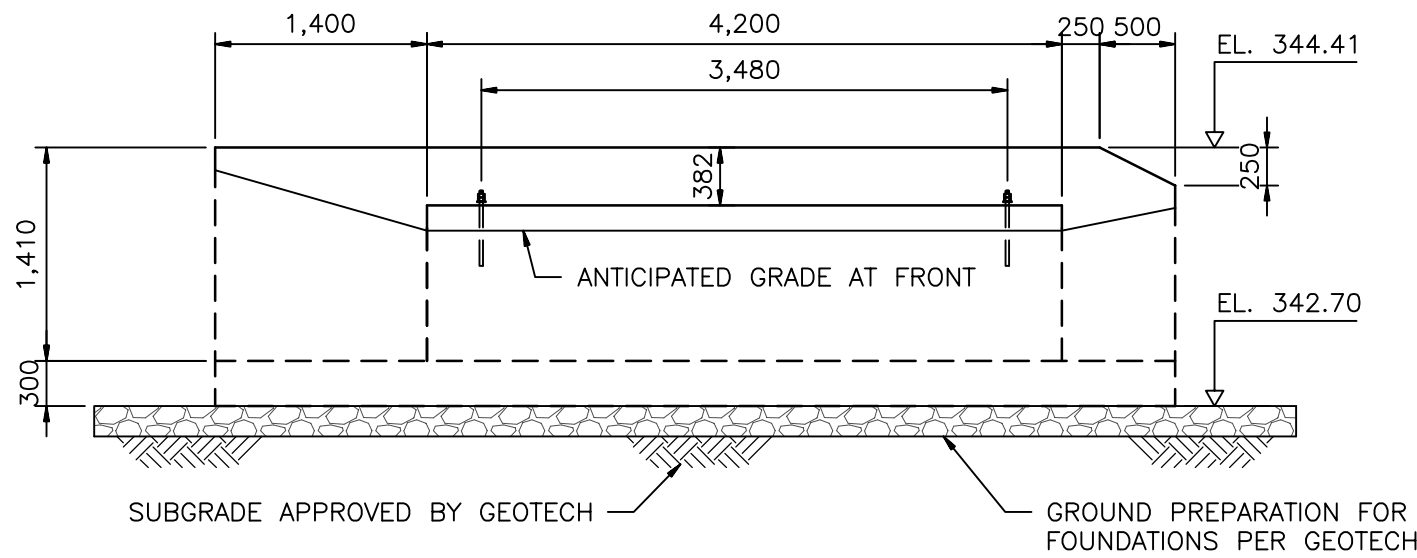


PLAN — SOUTH ABUTMENT  
1:50

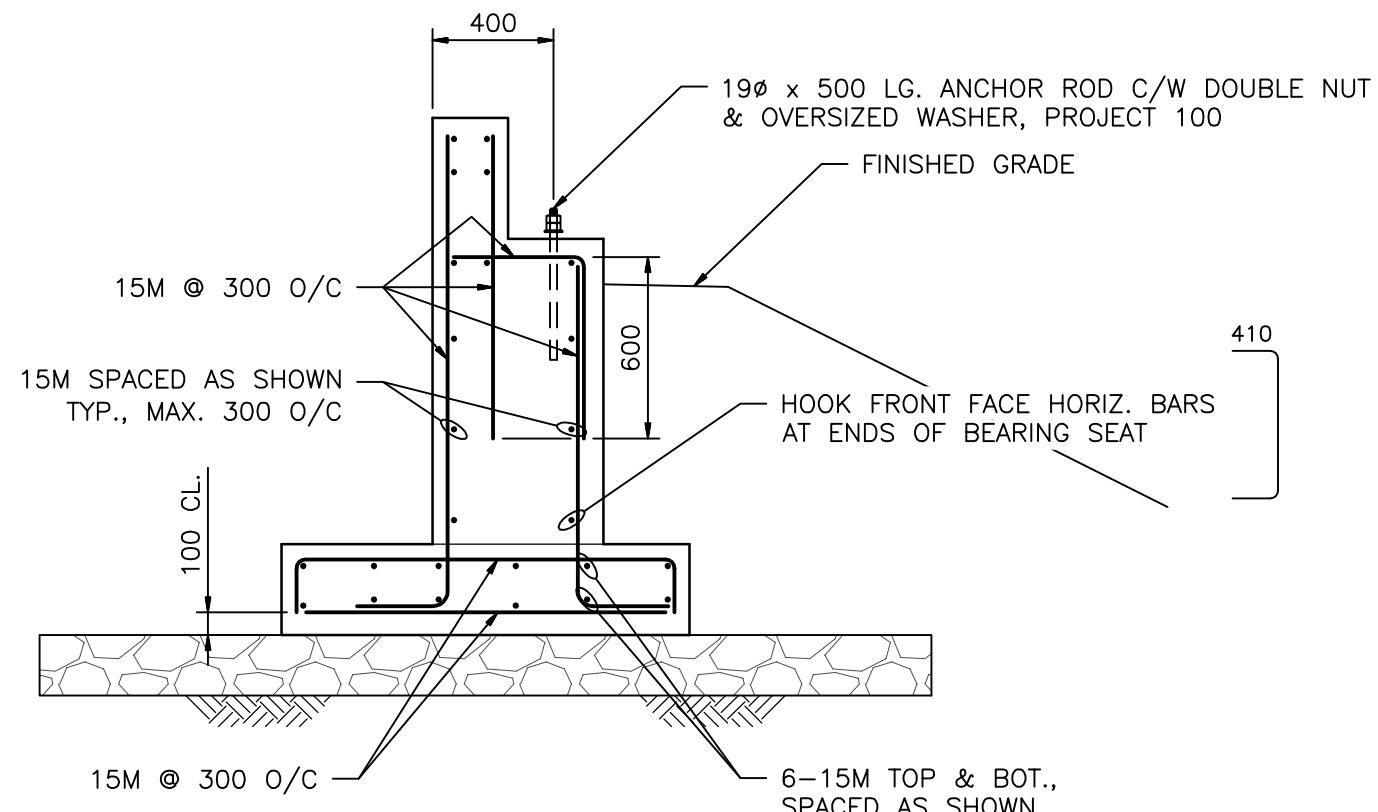
ANCHOR ROD LOCATIONS AND PROJECTION MUST BE VERIFIED WITH THE SUPERSTRUCTURE SUPPLIER PRIOR TO POURING CONCRETE ABUTMENTS.



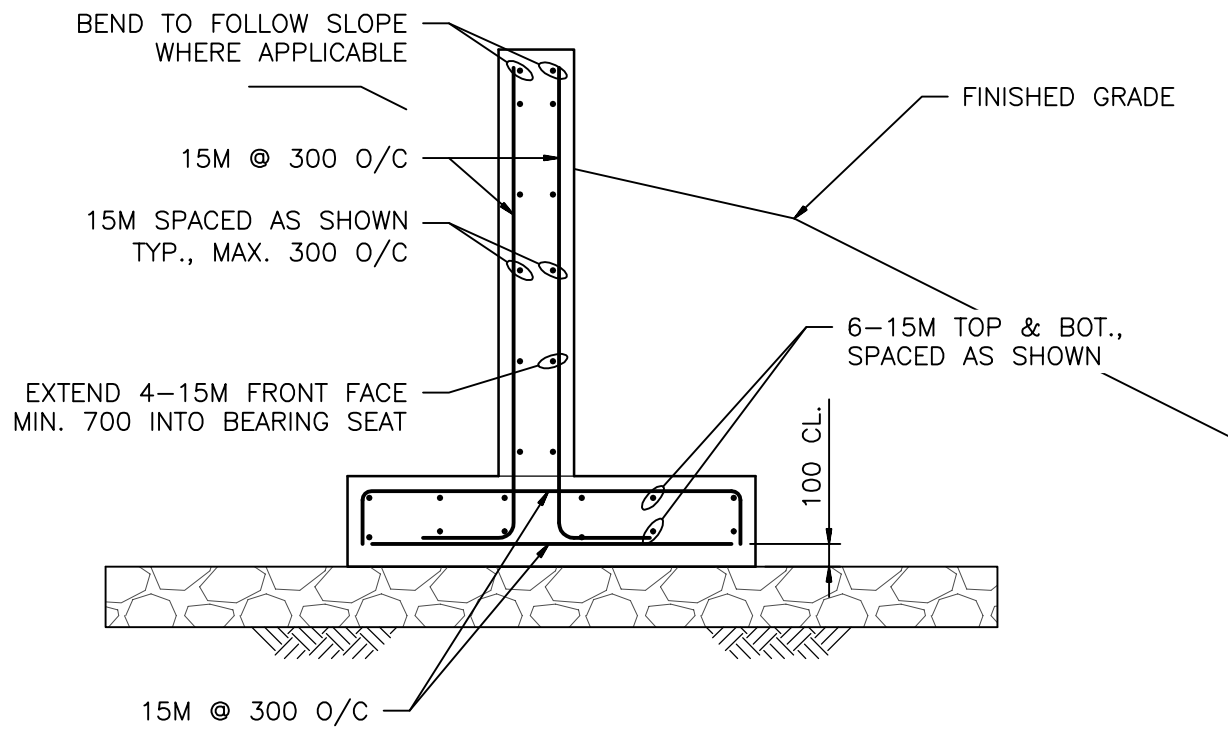
ELEVATION — NORTH ABUTMENT  
1:50







ELEVATION — SOUTH ABUTMENT  
1:50



SECTION 2  
1:25

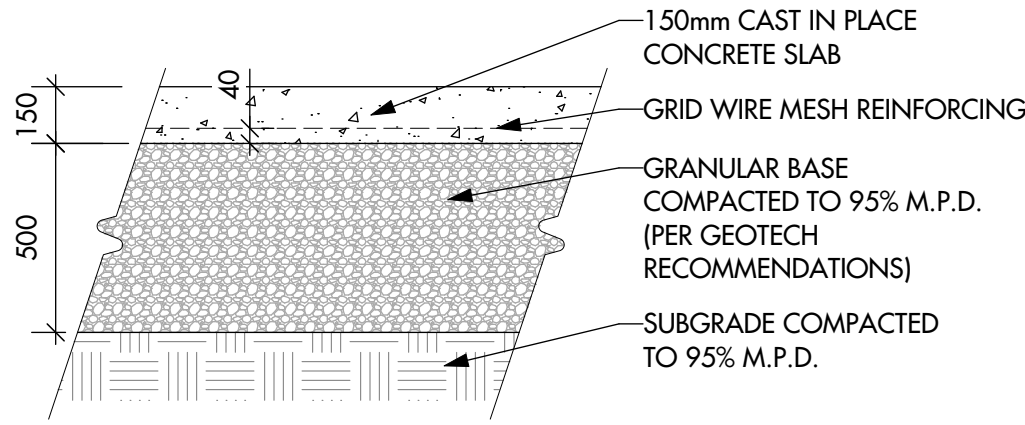


SECTION 3  
1:25

ISSUED INFORMATION	ISSUED FOR	ISSUE	DATE	ISSUED BY	REVISION INFORMATION	REV. No.	DATE	DESIGNED	DRAWN	CHECKED	DESCRIPTION		 <div>THE CORPORATION OF THE CITY OF VERNON ENGINEERING SERVICES</div>	 <div><b>CWMM Consulting Engineers Ltd.</b> 200-1854 Kirschner Road Kelowna, B.C. Canada V1Y 4N6 Tel: (250) 868-2308 Fax: (250) 868-2374 kelowna@cwmm.ca EGBC Permit to Practice #1000918</div> <div>K6278</div>	TITLE CITY OF VERNON LAKE ACCESS SITE 22 – 3000 LAKESHORE ROAD	DESIGNED <u>BL</u> DATE 2021-11-04 DRAWN <u>TT</u> DATE 2021-11-04
	TENDER	1	2021-11-04	BL		1	2022/09/06	GW	TT	DB	DIMENSION REVISIONS TO SUIT SUPERSTRUCTURE SHOP DWGS					
	CONSTRUCTION	2	2022-09-06	GW												
												 <div><b>CWMM Consulting Engineers Ltd.</b> 200-1854 Kirschner Road Kelowna, B.C. Canada V1Y 4N6 Tel: (250) 868-2308 Fax: (250) 868-2374 kelowna@cwmm.ca EGBC Permit to Practice #1000918</div> <div>K6278</div>	PEDESTRIAN BRIDGE  ABUTMENT DETAILS	DRAWING NUMBER  S2		

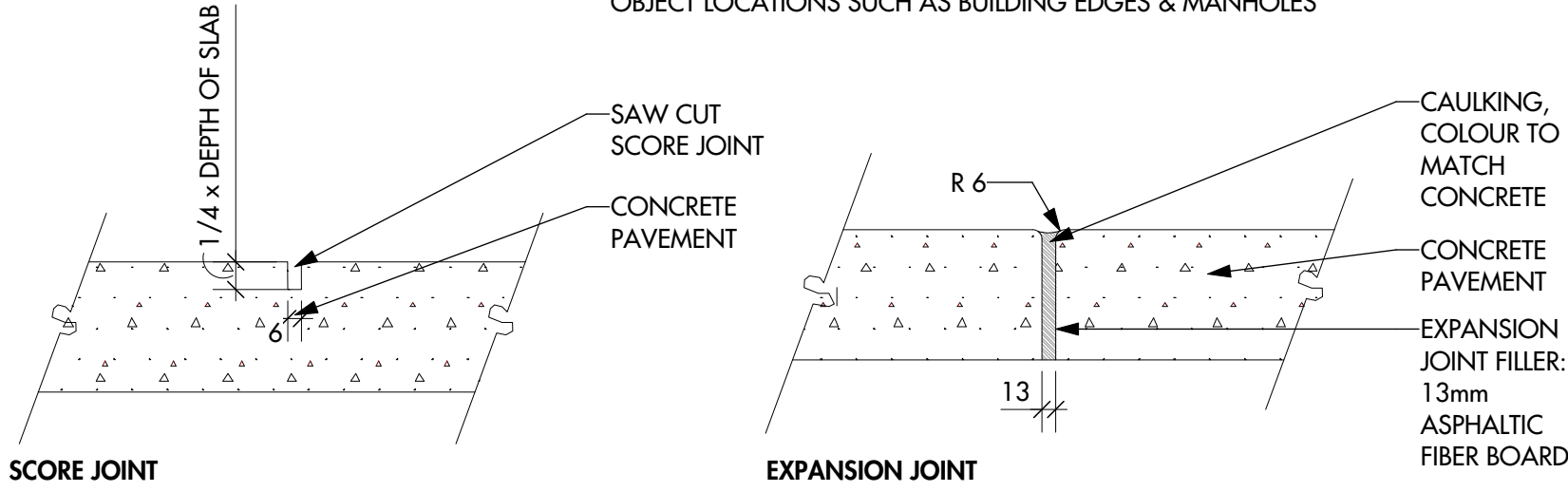


**NOTE:**  
1. CONCRETE PAVING TO BE NATURAL GREY, LIGHT BROOM FINISH, W/O TROWELLED EDGES.

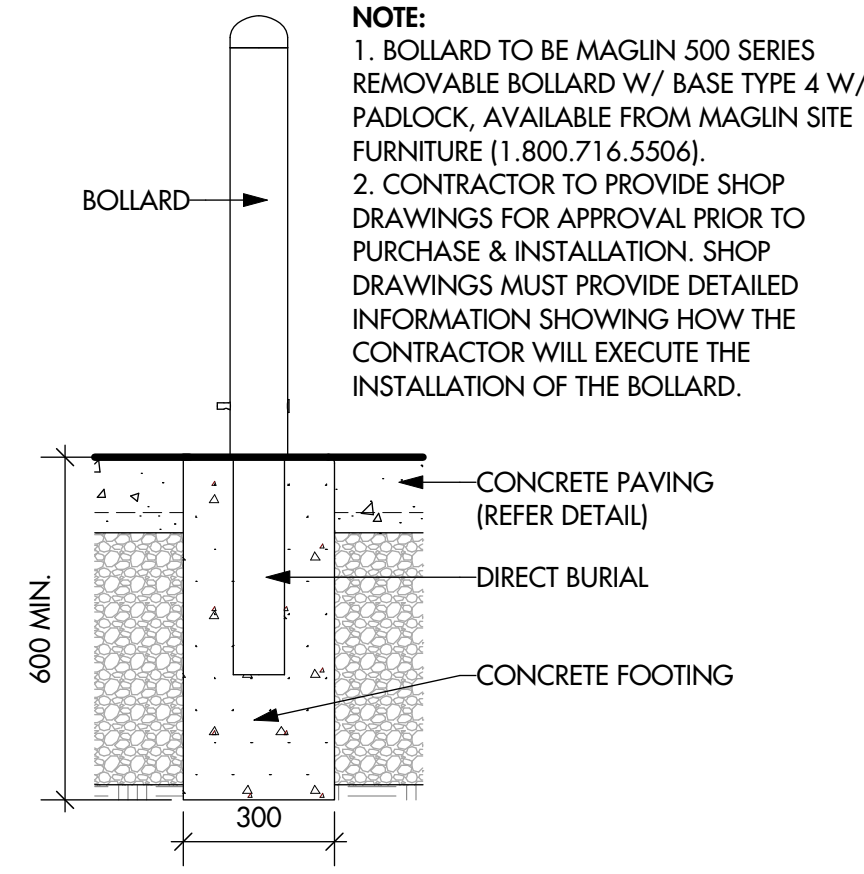


**1 Concrete Paving - Section**  
L3 1:20

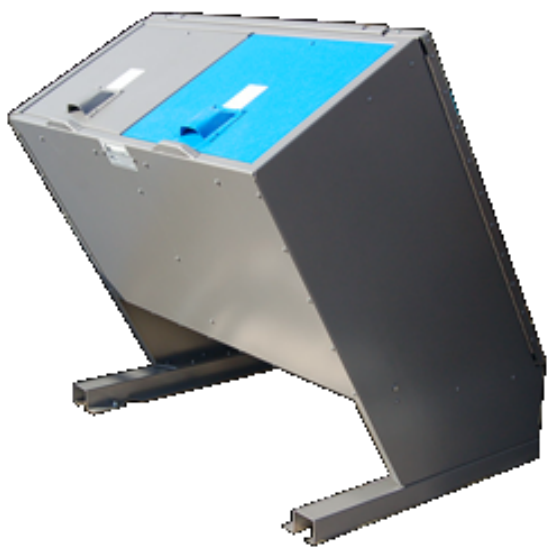
**NOTE:**  
PLACE EXPANSION JOINTS AT 9m MAX. INTERVALS IN ACCORDANCE TO THE CONTROL JOINTS SHOWN ON THE PLAN & AT ALL FIXED OBJECT LOCATIONS SUCH AS BUILDING EDGES & MANHOLES



**2 Control Joint - Section**  
L3 1:20

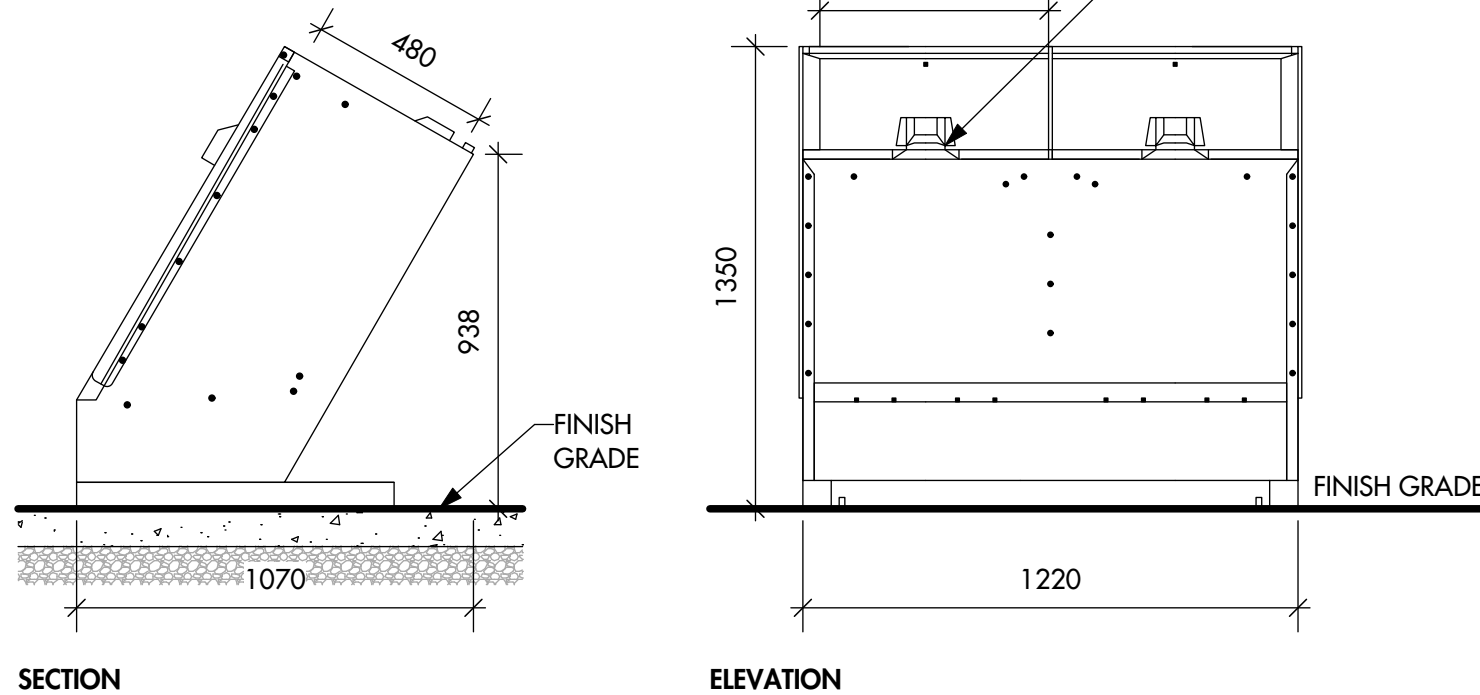


**3 Removable Bollard - Section**  
L3 1:10



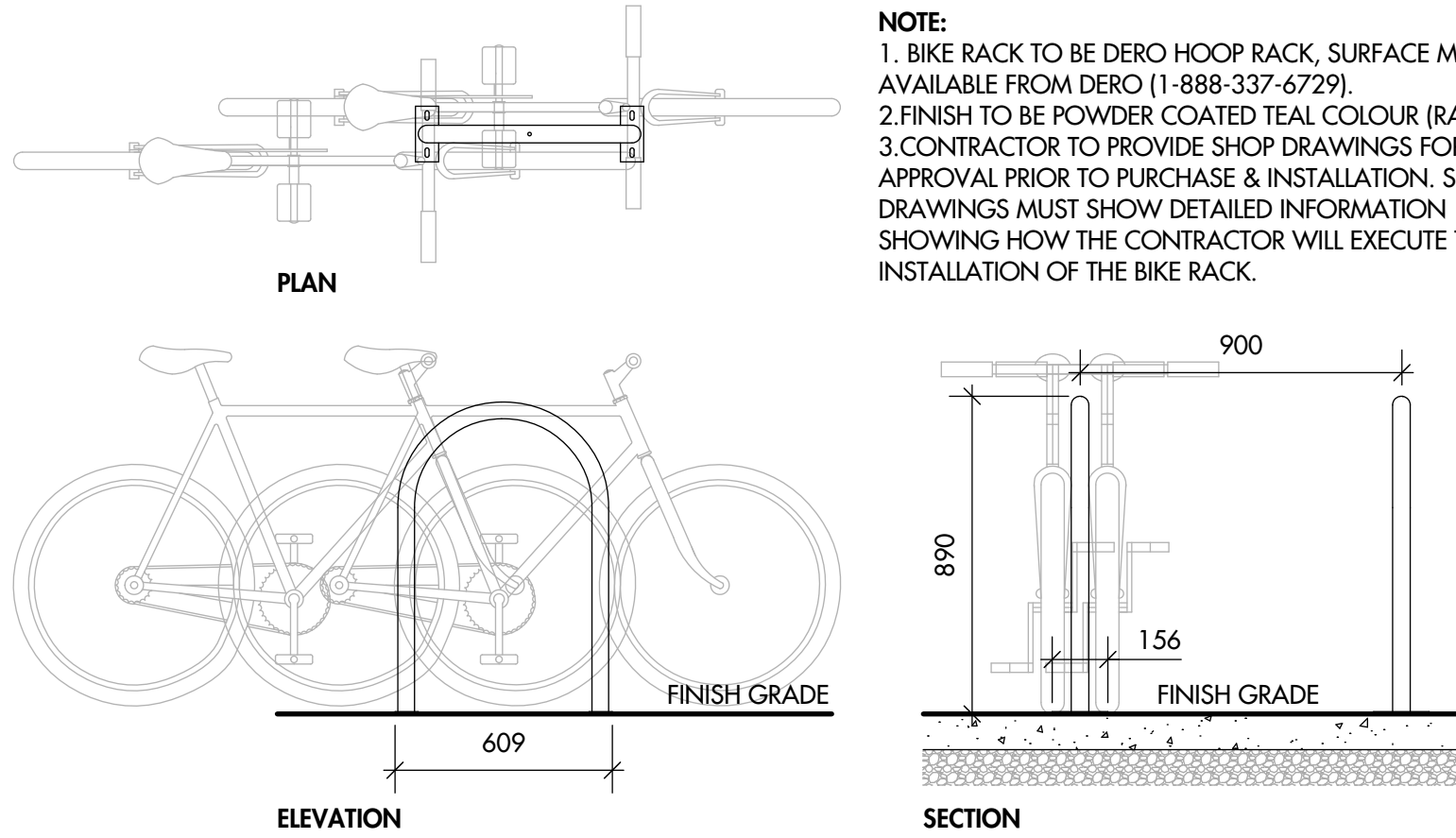
**NOTE:**  
1. WASTE & RECYCLING RECEPTACLE TO BE HAUL-ALL HBIS BP CONTAINER MODEL NO. SP-HBIS-P WITH CUSTOM POLY LINER, AVAILABLE FROM ROLINS MACHINERY (1-604-533-0048).  
2. WASTE & RECYCLING RECEPTACLE TO INCLUDE INSERT TO PREVENT USE FOR HOUSEHOLD WASTE.  
3. FINISH TO BE POWDER COATED-STANDARD COLOUR. RECEPTACLE TO HAVE GRAPHIC WRAP (SEPARATE CONTRACT).  
4. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO PURCHASE & INSTALLATION. SHOP DRAWINGS MUST SHOW DETAILED INFORMATION SHOWING HOW THE CONTRACTOR WILL EXECUTE THE INSTALLATION OF THE WASTE & RECYCLING RECEPTACLE.

PRECEDENT IMAGE



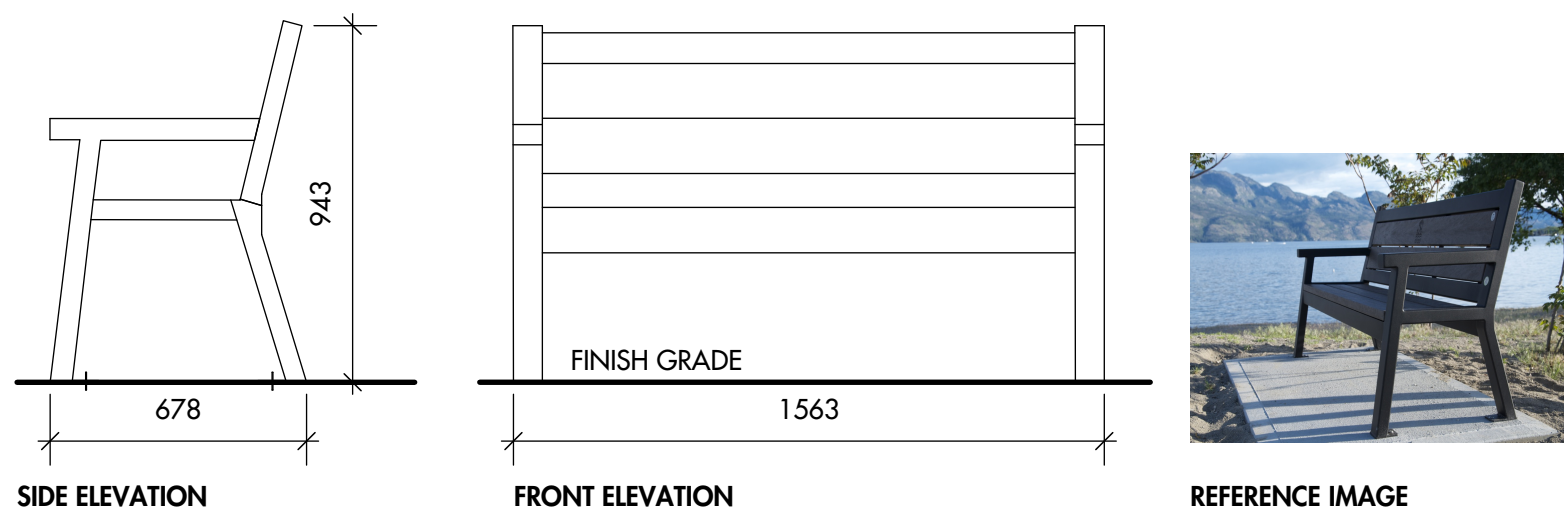
**4 Waste Receptacle - Section / Elevation**  
L3 1:20

**NOTE:**  
1. BIKE RACK TO BE DERO HOOP RACK, SURFACE MOUNT, AVAILABLE FROM DERO (1-888-337-6729).  
2. FINISH TO BE POWDER COATED TEAL COLOUR (RAL 5018).  
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO PURCHASE & INSTALLATION. SHOP DRAWINGS MUST SHOW DETAILED INFORMATION SHOWING HOW THE CONTRACTOR WILL EXECUTE THE INSTALLATION OF THE BIKE RACK.

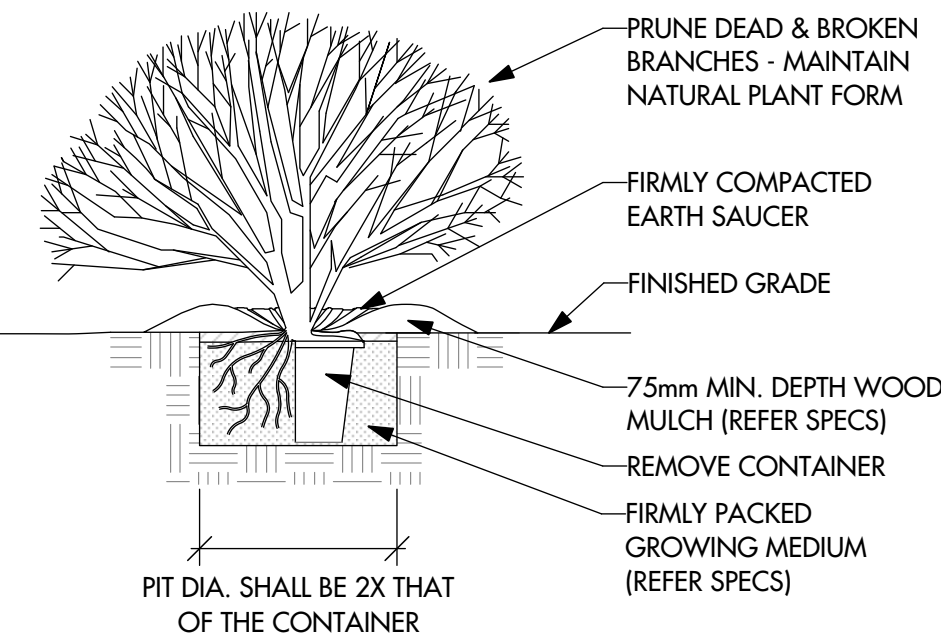


**5 Bike Rack - Section / Elevation / Plan**  
L3 1:20

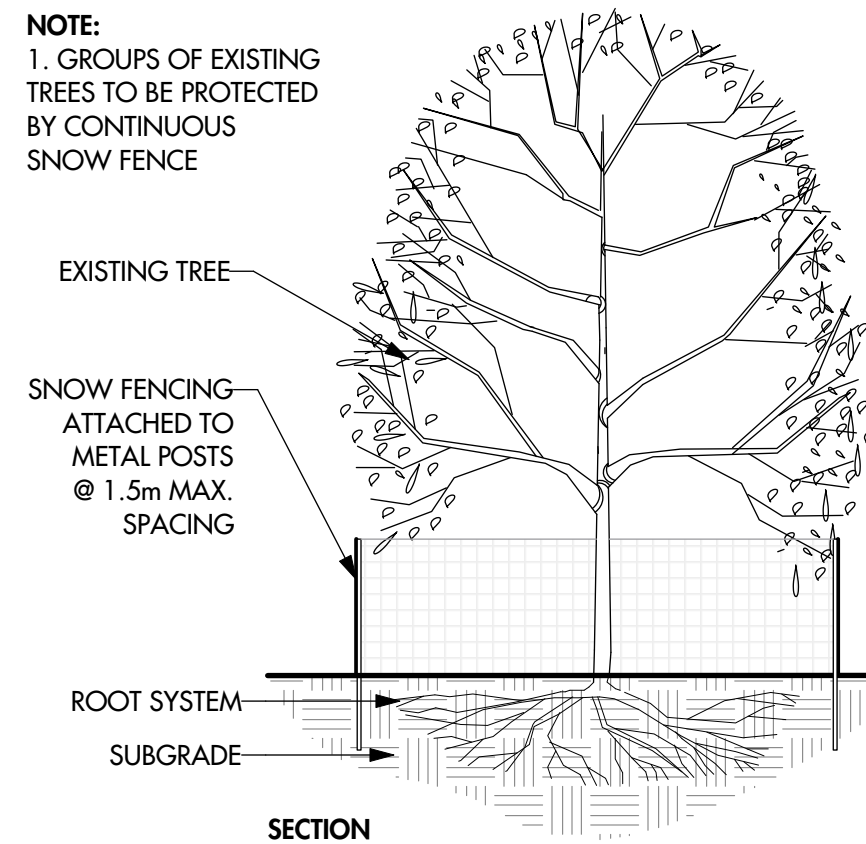
**NOTE:**  
1. BENCH TO BE WISHBONE SITE FURNISHINGS, RUTHERFORD PARK BENCH - ANGLED LEG, MODEL NO. RAL 6, WALNUT COLOUR BENCH SLATS, W/ POWDER COATED BENGAL SILVER ALUMINUM FRAME.  
2. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO PURCHASE & INSTALLATION. SHOP DRAWINGS MUST SHOW DETAILED INFORMATION SHOWING HOW THE CONTRACTOR WILL EXECUTE THE INSTALLATION OF THE BENCH.  
3. CONTRACTOR TO PROVIDE COLOUR SAMPLE OF POWDER COATING PRIOR TO FABRICATION.



**6 Bench - Elevation**  
L3 1:20



**7 Shrub Planting (Typical) - Section**  
L3 N.T.S



**8 Tree Protection (Typical) - Section / Plan**  
L3 N.T.S



**OUTLAND DESIGN**  
LANDSCAPE ARCHITECTURE

303-590 KLO Road  
Kelowna, BC V1Y 7S2  
T (250) 868-9270  
www.outlanddesign.ca

PROJECT TITLE

**LAKE ACCESS SITE #22**  
**3000 LAKESHORE ROAD**

Vernon, BC

DRAWING TITLE

**LANDSCAPE DETAILS**

ISSUED FOR / REVISION

1	21.05.14	50% Review
2	21.06.08	Environmental Permit
3	21.06.23	90% Review
4	21.11.24	Tender
5	23.02.14	Construction

PROJECT NO. 21-084

DESIGN BY KM

DRAWN BY NG

CHECKED BY FB

DATE FEB. 14, 2023

SCALE AS NOTED

PAGE SIZE 24"x36"

SEAL



DRAWING NUMBER

**L3/3**

**ISSUED FOR CONSTRUCTION**  
Copyright Reserved. This drawing is the property of Outland Design Landscape Architecture Limited and shall not be reproduced, resold, or tendered without permission.