

DIALOG



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- A121-I TRANSIT EXCHANGE SITE AT GRADE
- A122-I TRANSIT EXCHANGE SITE PLAN ABOVE CANOPIES
- A123-I LAYOVER & EXCHANGE CANOPY PLAN
- A601-I CANOPY SECTION - LONGITUDINAL
- A701-I CANOPY PLANS & SECTION
- A702-I CANOPY DETAILS

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- C4C CIVIL DESIGN - UTILITIES SITE SERVICING
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- C4E CIVIL DESIGN - UTILITIES NOTES AND DETAILS
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- C7 CROSS SECTIONS STUDENT UNION BLVD
- C8 CROSS SECTIONS STUDENT UNION BLVD
- C9 PAVING - GEOMETRY WESTBROOK MALL
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- C23 STRIPING AND SIGNAGE STUDENT UNION BLVD
- C24 STRIPING AND SIGNAGE WESTBROOK MALL
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- H1 ELECTRICAL SITE SERVICING PLAN

DRAWING LIST - SURVEY INTERIM

- 8613GP LAYOUT 17
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- 8613GP-B LAYOUT 17B
- 8613GP-C LAYOUT 17C

DRAWING LIST - GEOTECHNICAL INTERIM

- GEOTECHNICAL REPORT

DRAWING LIST - LANDSCAPE INTERIM

- L001 TREE MAINTENANCE AND SURFACE DEMOLITION
- L101 PHASE 1 PAVING

ISSUED FOR
 1 2016-02-05 ISSUE FOR BID - INTERIM EXCHANGE
 3 2016-04-22 IFC - INTERIM EXCHANGE

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 NOT FOR CONSTRUCTION

PROJECT INFORMATION

CLIENT: UBC PROPERTIES TRUST & TRANS LINK
 PROJECT LOCATION: UNIVERSITY OF BRITISH COLUMBIA, GAGE SOUTH
 LEGAL DESCRIPTION: PID: 015-891-909
 LEGAL: DL 3044, GROUP 1, NWD
 PID: 010-814-540
 LEGAL: DL 4804, GROUP 1, NWD
 PROJECT DESCRIPTION: TRANSIT EXCHANGE & LAYOVER INTERIM FACILITY

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SEAL

UBC EXCHANGE
 GAGE SOUTH RESIDENCE

UBC EXCHANGE & LAYOVER INTERIM FACILITY

COVER - INTERIM
 EXCHANGE

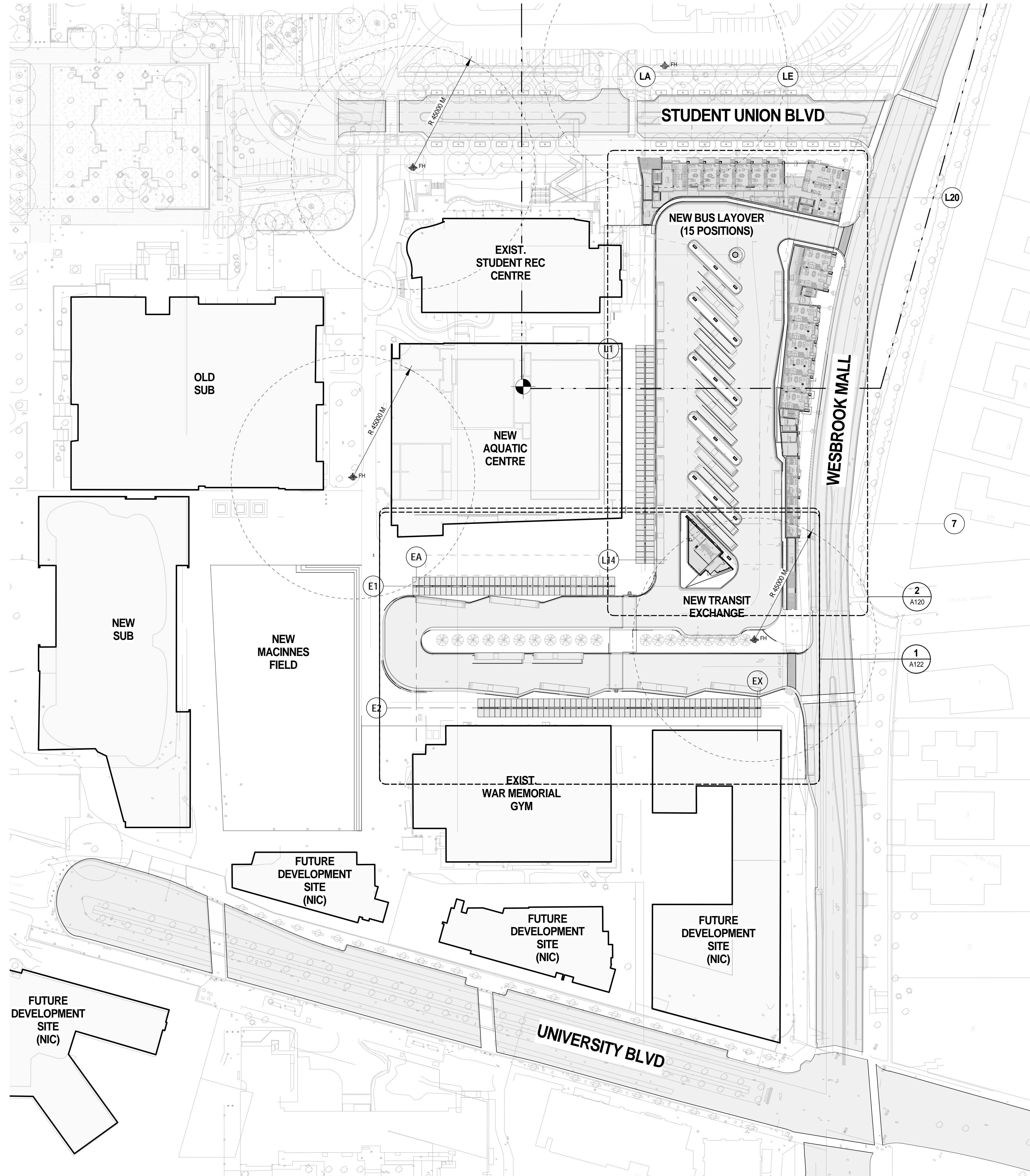
PROJECT TEAM

ARCHITECTURAL	STRUCTURAL	MECHANICAL	ELECTRICAL	TRAFFIC	LANDSCAPE (PODIUM)	LANDSCAPE (SITE)	SURVEY	CIVIL	GEOTECHNICAL	ACOUSTICAL	TRAFFIC SAFETY AUDITOR
DIALOG 401 - 611 Alexander Street Vancouver, BC, Canada, V6A 1E1 Tel: 604.255.1169	GLOTMAN SIMPSON CONSULTING ENGINEERS 1661 West 5th Avenue Vancouver, BC, Canada, V6J 1N5 Tel: 604.734.8822	AME GROUP 1100 - 808 West Hastings Street Vancouver, BC, Canada, V6C 2X4 Tel: 604.684.5995	AES ENGINEERING 1330 Granville Street Vancouver, BC, Canada, V6Z 1M7	BUNT & ASSOCIATES ENGINEERING Suite 1550 - 1050 West Pender Street Vancouver, BC, Canada, V6E 3S7 Tel: 604.685.6427	DIALOG 401 - 611 Alexander Street Vancouver, BC, Canada, V6A 1E1 Tel: 604.255.1169	PFS STUDIO 1777 West 3rd Avenue Vancouver, BC, Canada, V6J 1K7 Tel: 604.736.5168	MURRAY & ASSOCIATES 201 - 12448 82 Ave, Surrey, BC, CANADA V3W 3E9 Tel: 604.597.9189	CORE GROUP CONSULTANTS 320 - 8988 Fraserton Court Burnaby, BC, Canada, V5J 5H8 Tel: 604.299.0605	GEOPACIFIC CONSULTANTS 215 - 1200 West 73rd Avenue Vancouver, BC, Canada, V6P 6G5 Tel: 604.439.0922	BKL CONSULTANTS LTD. #308 - 1200 Lynn Valley Road North Vancouver, BC, Canada V7J 2A2 Tel: 604.988.2508	OPUS INTERNATIONAL CONSULTANTS 210 - 889 Harbourside Drive North Vancouver, BC, Canada V7P 3S1 Tel: 604.880.8285

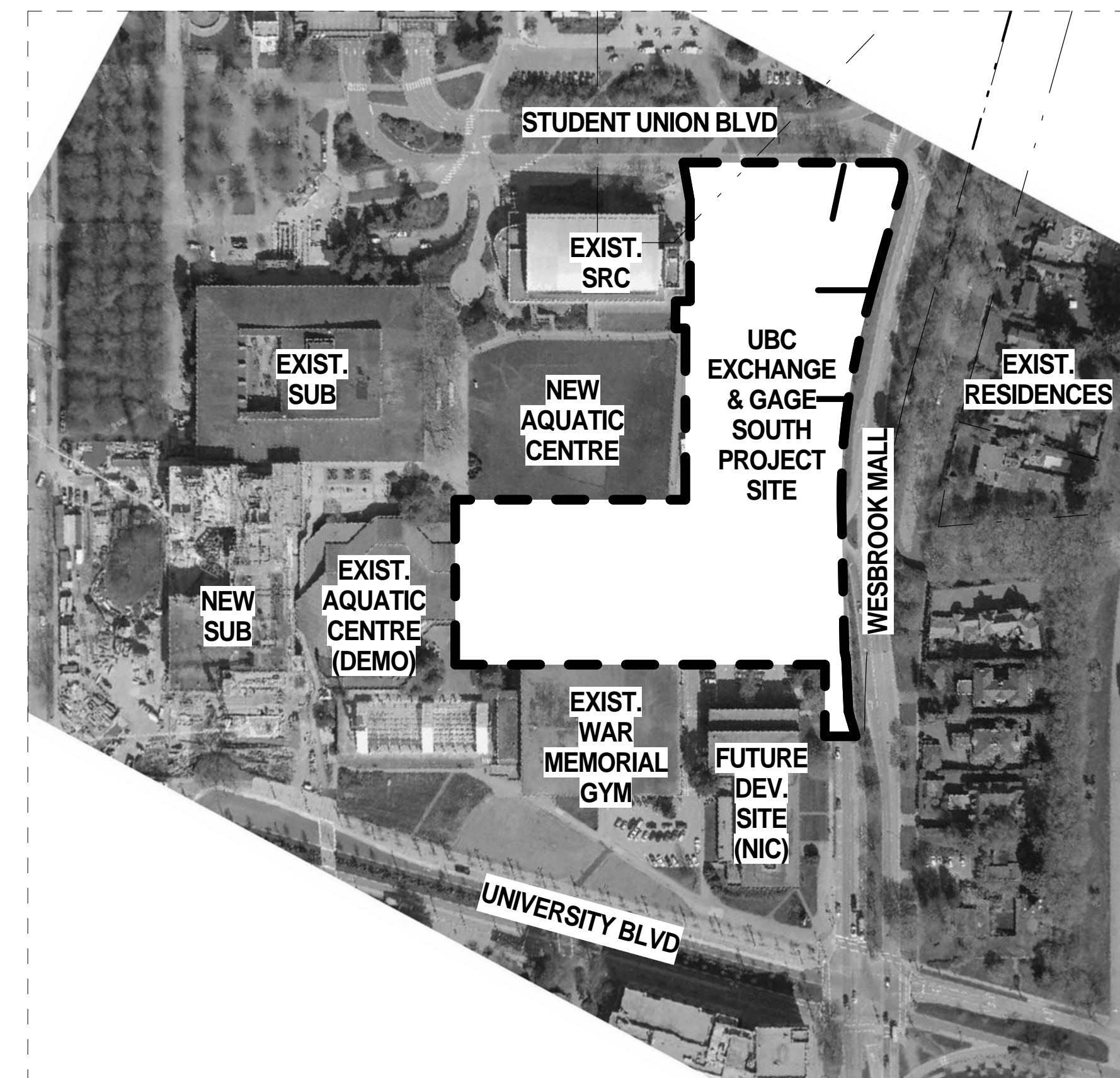
DRAWN: Author CHECKED: Checker

A000-I

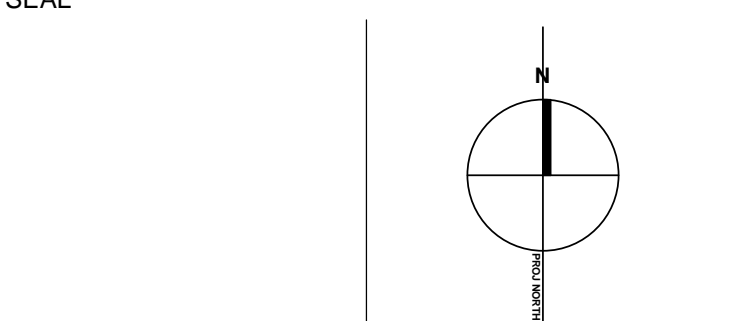
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SITE LEGEND
 FIRE HYDRANT
 PROPERTY LINE



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UBC EXCHANGE
GAGE SOUTH RESIDENCE

CONTEXT PLAN -
PROPOSED FACILITY
(REFERENCE ONLY)

DRAWN: Author CHECKER: Checker

1 CONTEXT PLAN
SCALE: 1:750

2 CONTEXT ORTHO PHOTO
SCALE: 1:2000

A001

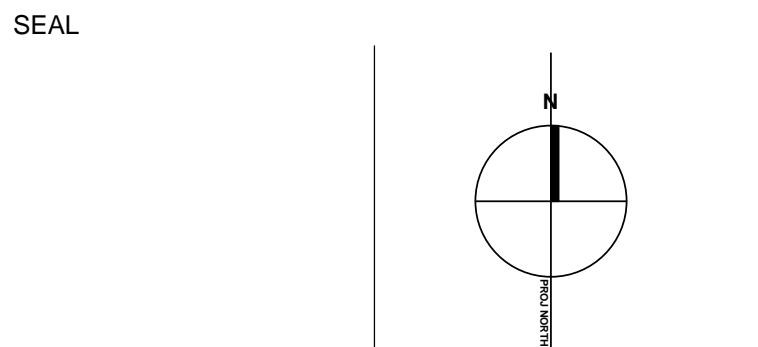
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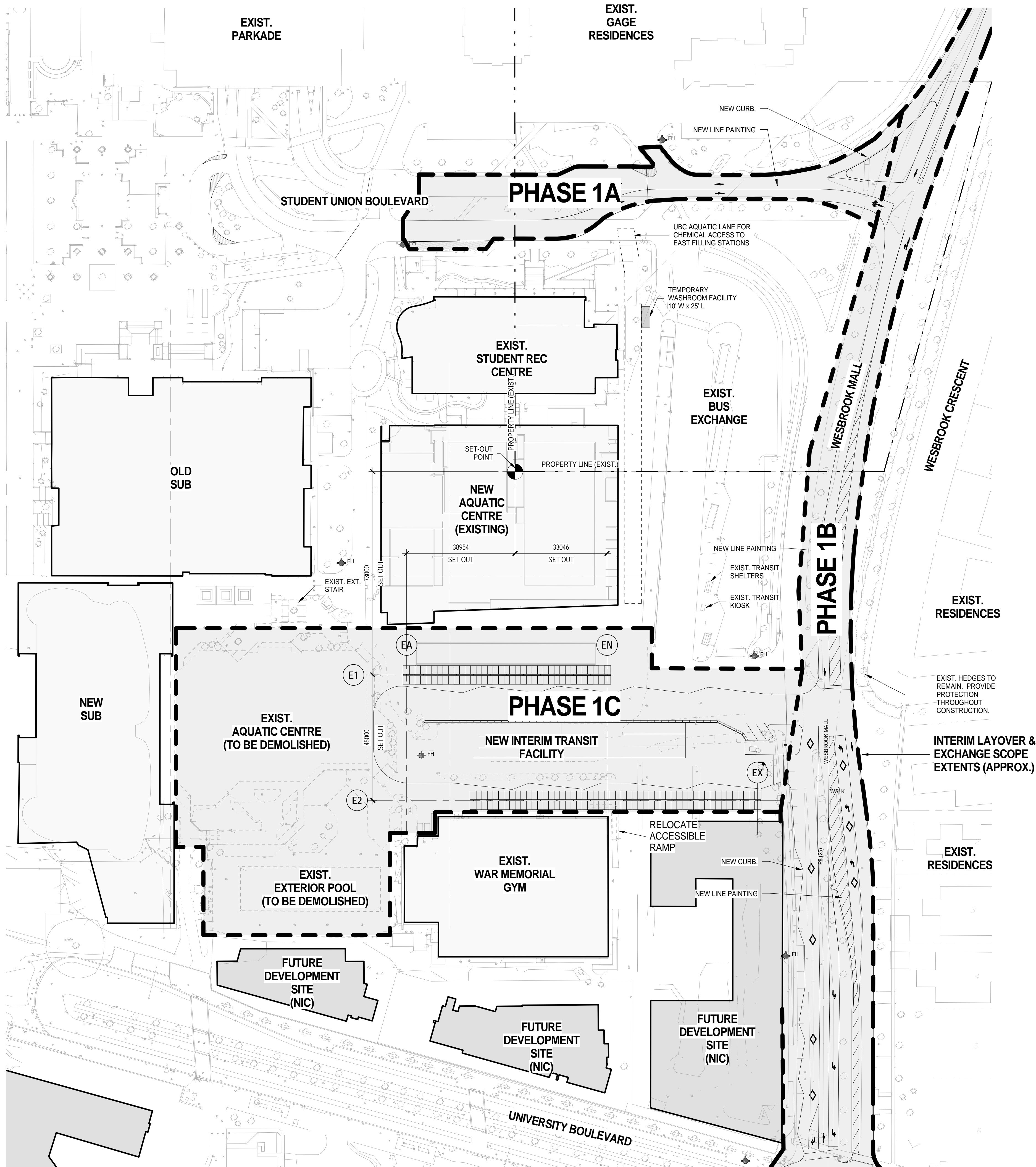


UBC EXCHANGE GAGE SOUTH RESIDENCE

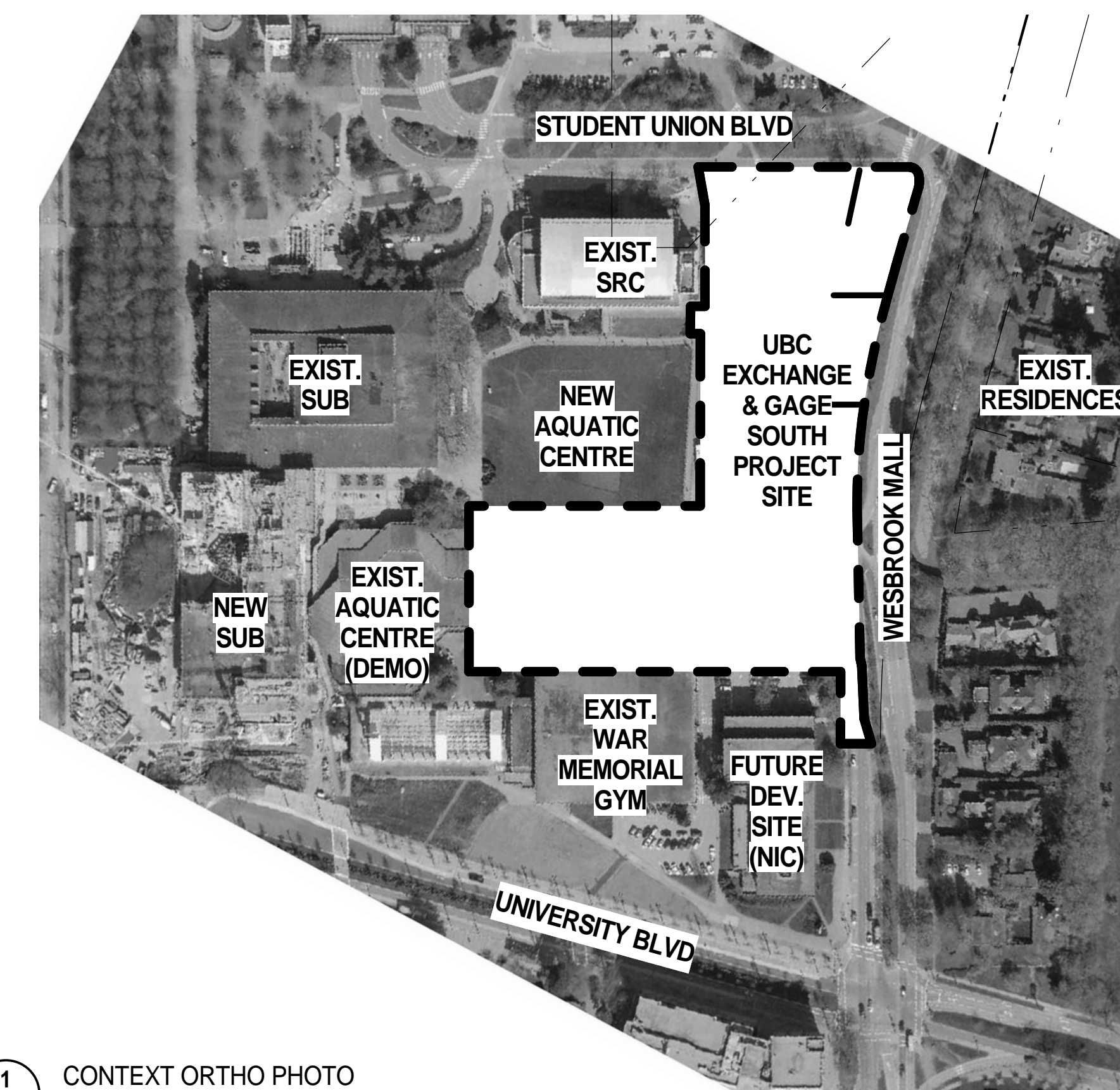
SITE PLAN - EXISTING

DRAWN: Author CHECKER: Checker

A100-I



2
A101-I
CONTEXT PLAN - INTERIM TRANSIT EXCHANGE & LAYOVER
SCALE: 1:750



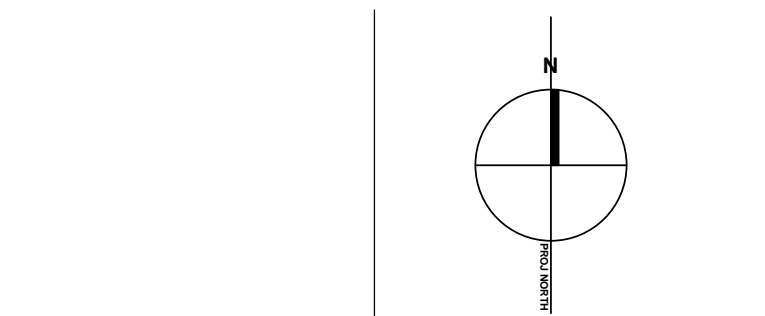
1
A101-I
CONTEXT ORTHO PHOTO
SCALE: 1:2000

INTERIM EXCHANGE GENERAL NOTES:

11. REFER TO EXISTING SURVEY PLAN FOR LOCATION OF ALL SERVICES, STRUCTURES, FACILITIES AND SURFACES.
12. REFER TO PRECINCT CIVIL AS-BUILTS FOR LOCATION OF SERVICES.
13. SITE VERIFY LOCATION AND EXTENT OF ALL ABOVE AND BELOW GRADE FACILITIES.
14. PRODUCE MATERIAL SURVEY REPORT OF FACILITIES TO BE DEMOLISHED FOR MATERIAL RE-USE AND RECYCLING ASSESSMENTS PRIOR TO COMMENCING WORK.
15. PRODUCE LAYDOWN AND STOCKPILE PLAN PRIOR TO COMMENCING WORK.
16. REFER TO PROJECT CIVIL DRAWINGS FOR EXTENT OF CIVILS WORKS.
17. REFER TO PROJECT ELECTRICAL DRAWINGS FOR EXTENT OF ELECTRICAL WORK.
18. REFER TO PROJECT LANDSCAPE DOCUMENTS FOR EXTENT OF LANDSCAPE WORK.
19. REFER TO GEOTECHNICAL REPORT FOR SOILS INFORMATION.
110. SCOPE BOUNDARY APPROXIMATE ONLY. COORDINATE HOARDING AND CONSTRUCTION BOUNDARIES WITH ADJACENT CONSTRUCTION PROJECTS, PROPERTIES AND STAKEHOLDERS. PRODUCE CONSTRUCTION HOARDING DIAGRAM PRIOR TO COMMENCING WORK.
111. FOR PLANTING ALONG EAST SIDE OF WEBBROOK MALL, PROVIDE TREE & HEDGE PROTECTION PLAN PRIOR TO COMMENCING WORK.
112. EXISTING TRANSIT FACILITY TO REMAIN FULLY OPERATION FOR DURATION OF INTERIM FACILITY CONSTRUCTION. COORDINATE WITH UBC AND TRANS LINK ANY WORK THAT MAY TEMPORARILY AFFECT TRANSIT OPERATIONS.
113. CONFIRM ALL EXISTING STRUCTURE, SERVICES AND PROPERTY LINES (FOR SET-OUT) BY SITE SURVEY PRIOR TO COMMENCING WORK

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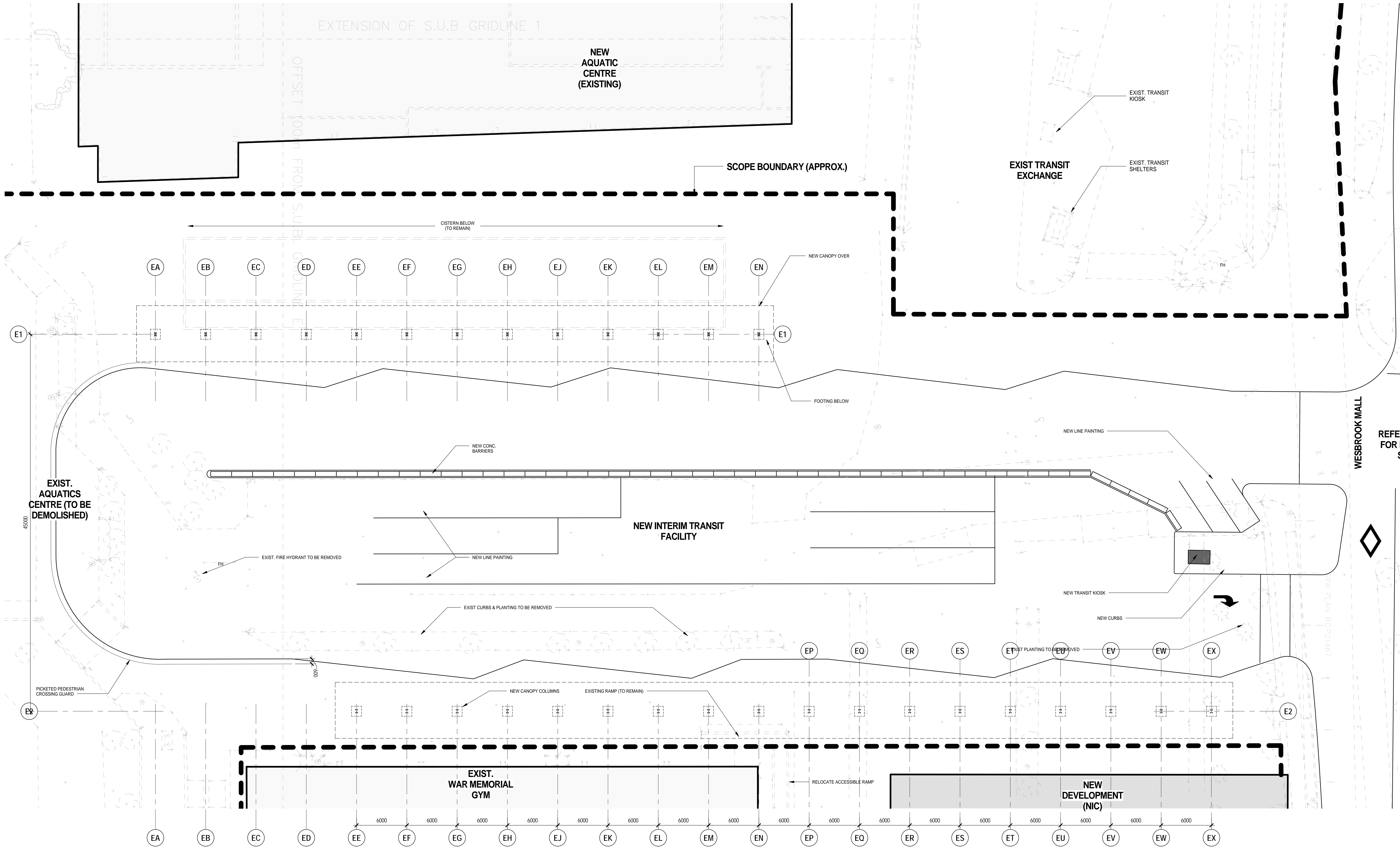
UBC EXCHANGE
 GAGE SOUTH RESIDENCE

CONTEXT PLAN -
 INTERIM EXCHANGE

DRAWN: JT CHECKED: NH

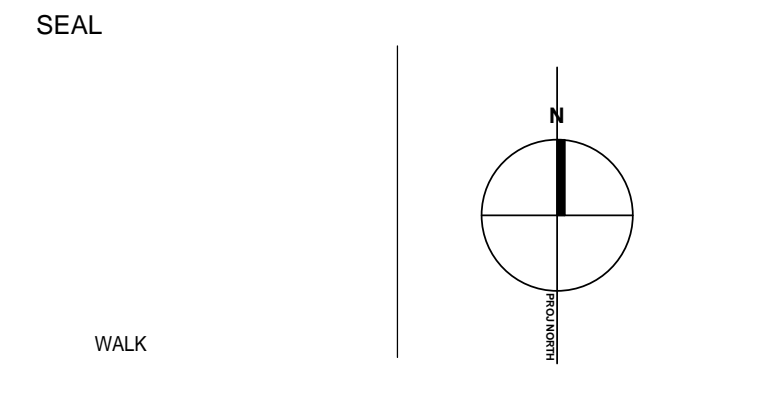
A101-I

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REFER TO A101-I
FOR EXTENDED
SCOPE

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GAGE SOUTH RESIDENCE

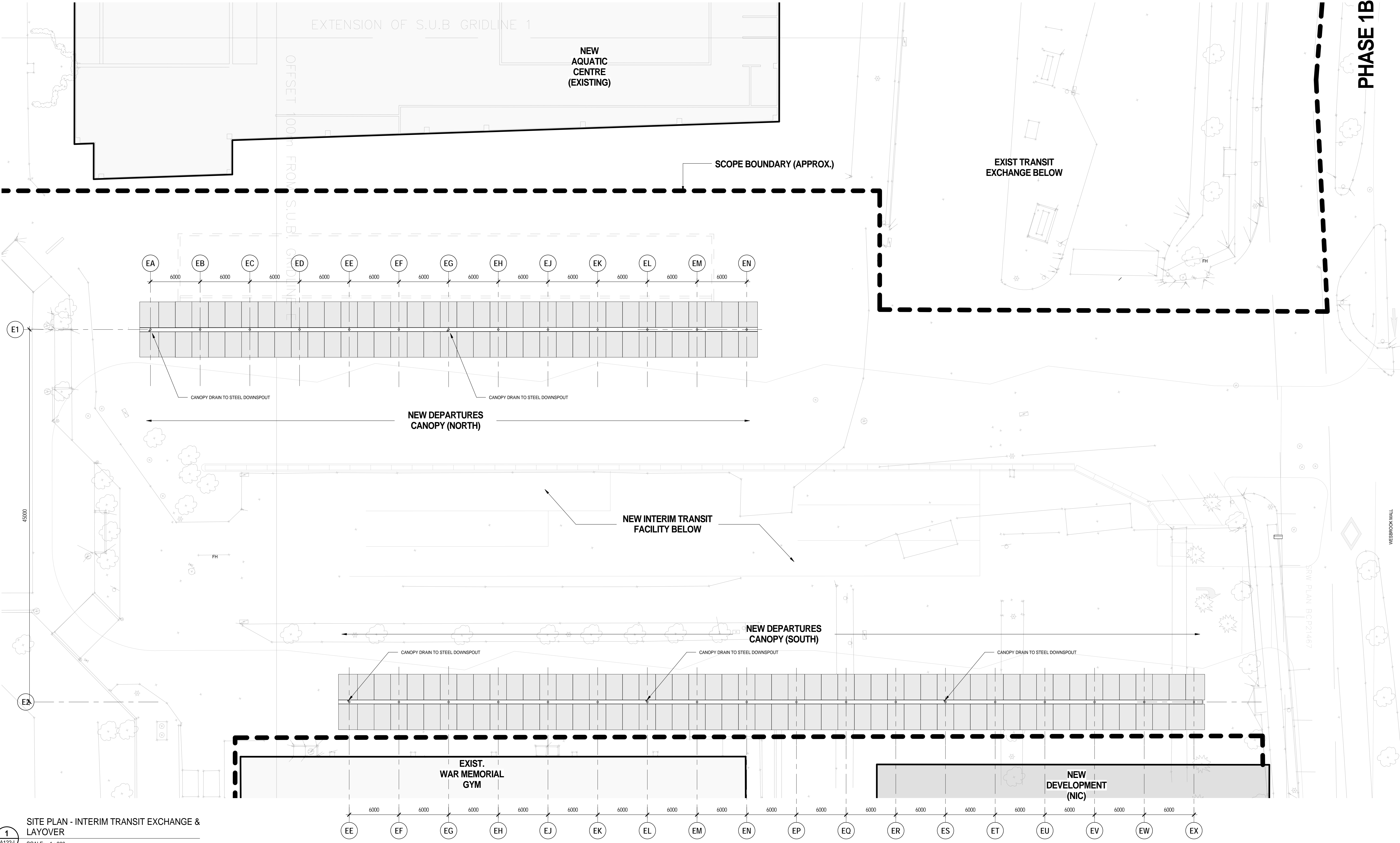
TRANSIT EXCHANGE
SITE AT GRADE

DRAWN: Author CHECKER: Checker

1 SITE PLAN - INTERIM TRANSIT EXCHANGE & LAYOVER
A121-I SCALE: 1:200

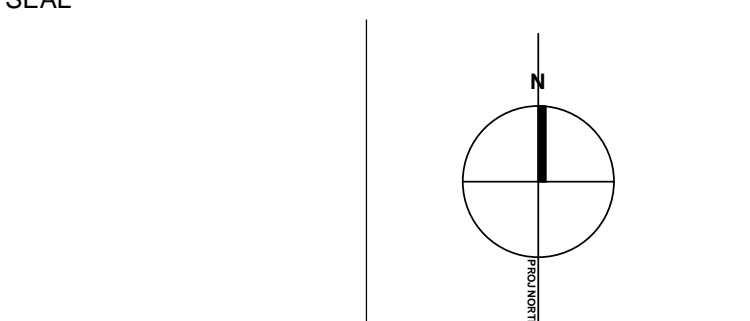
A121-I

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1 SITE PLAN - INTERIM TRANSIT EXCHANGE & LAYOVER
A122-I SCALE: 1:200

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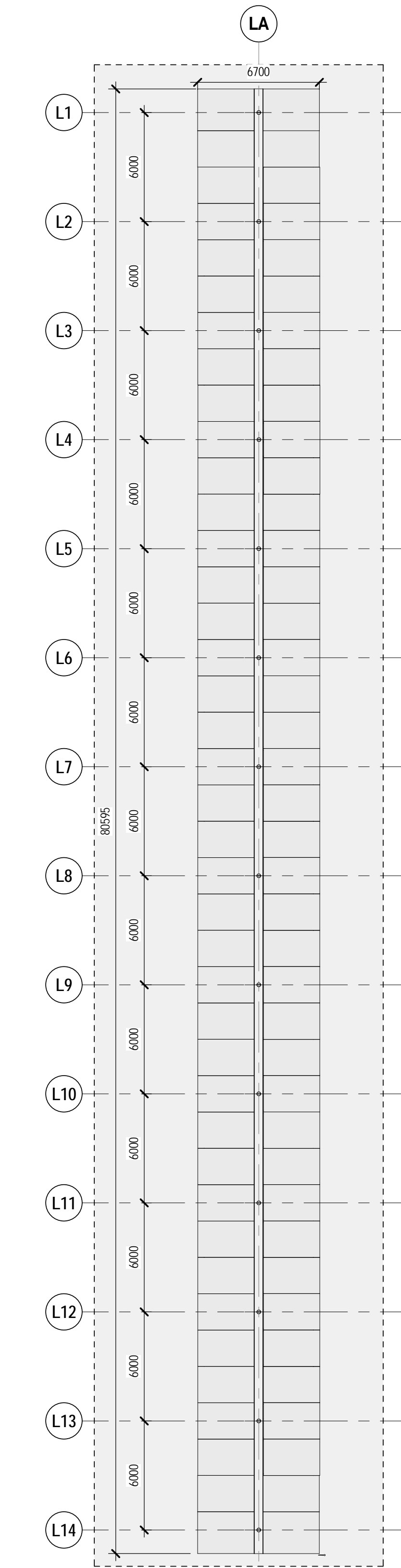
UBC EXCHANGE
GAGE SOUTH RESIDENCE

TRANSIT EXCHANGE
SITE PLAN ABOVE
CANOPIES

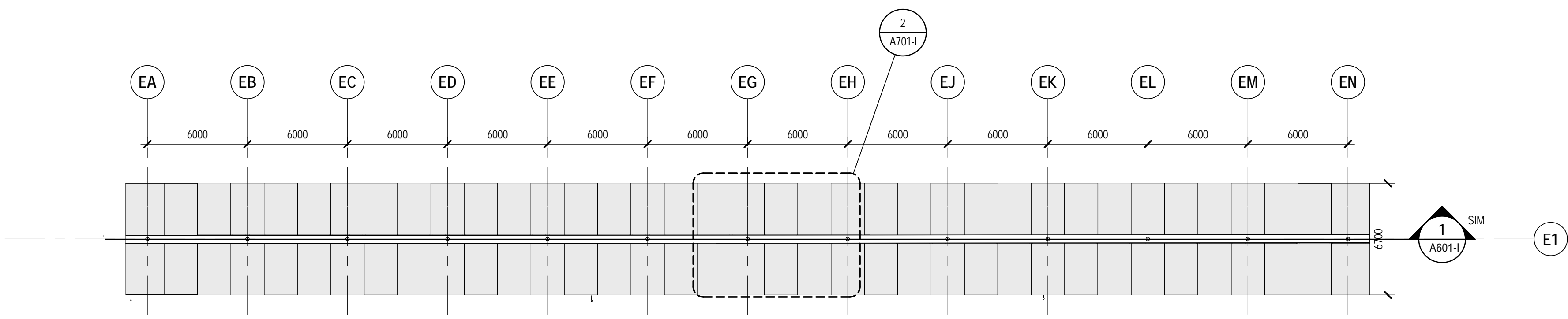
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A122-I

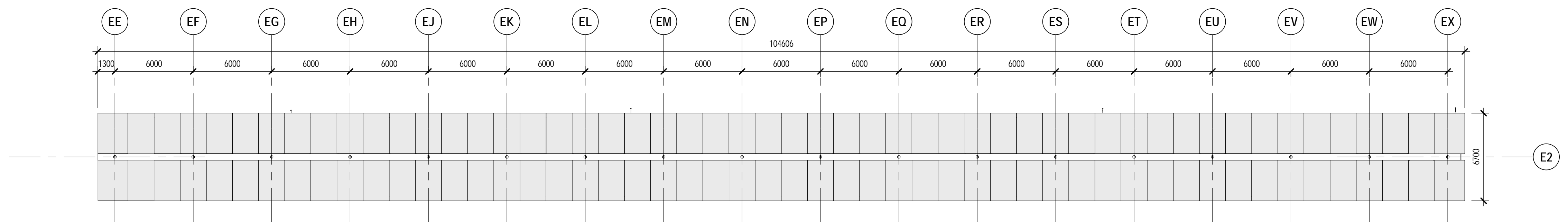
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3 CANOPY PLAN - ALIGHTING ARRIVALS
A140 SCALE: 1:200
REFERENCE ONLY - NOT IN INTERIM PHASE

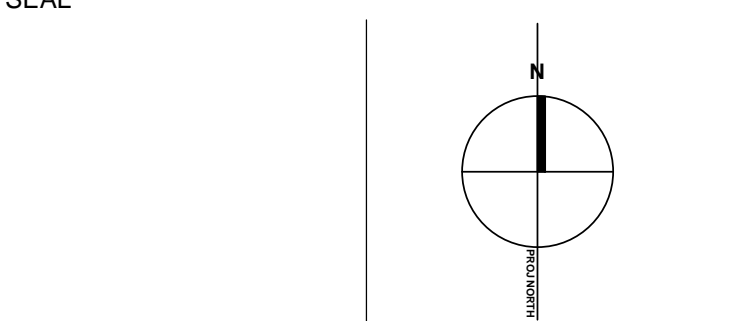


1 CANOPY PLAN - DEPARTURES NORTH
A140 SCALE: 1:200



2 CANOPY PLAN - DEPARTURES SOUTH
A140 SCALE: 1:200

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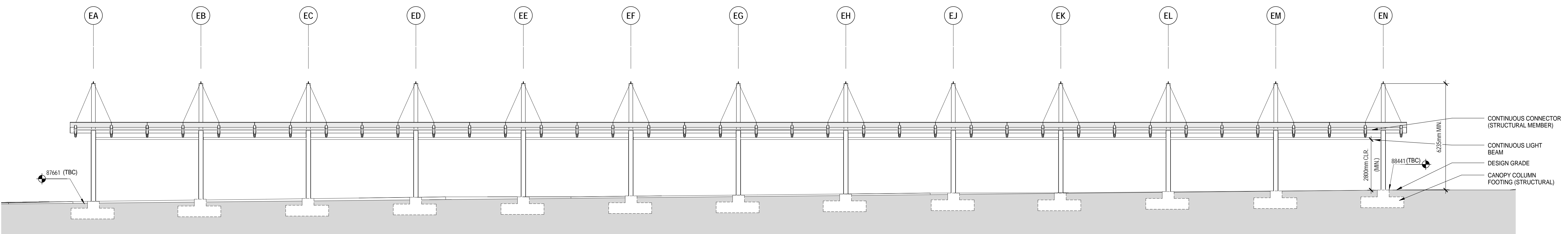
UBC EXCHANGE
GAGE SOUTH RESIDENCE

LAYOVER &
EXCHANGE CANOPY
PLAN

DRAWN: Author CHECKER: Checker

A123-I

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1 NORTH DEPARTURE PLATFORM
A147 SCALE: 1:100

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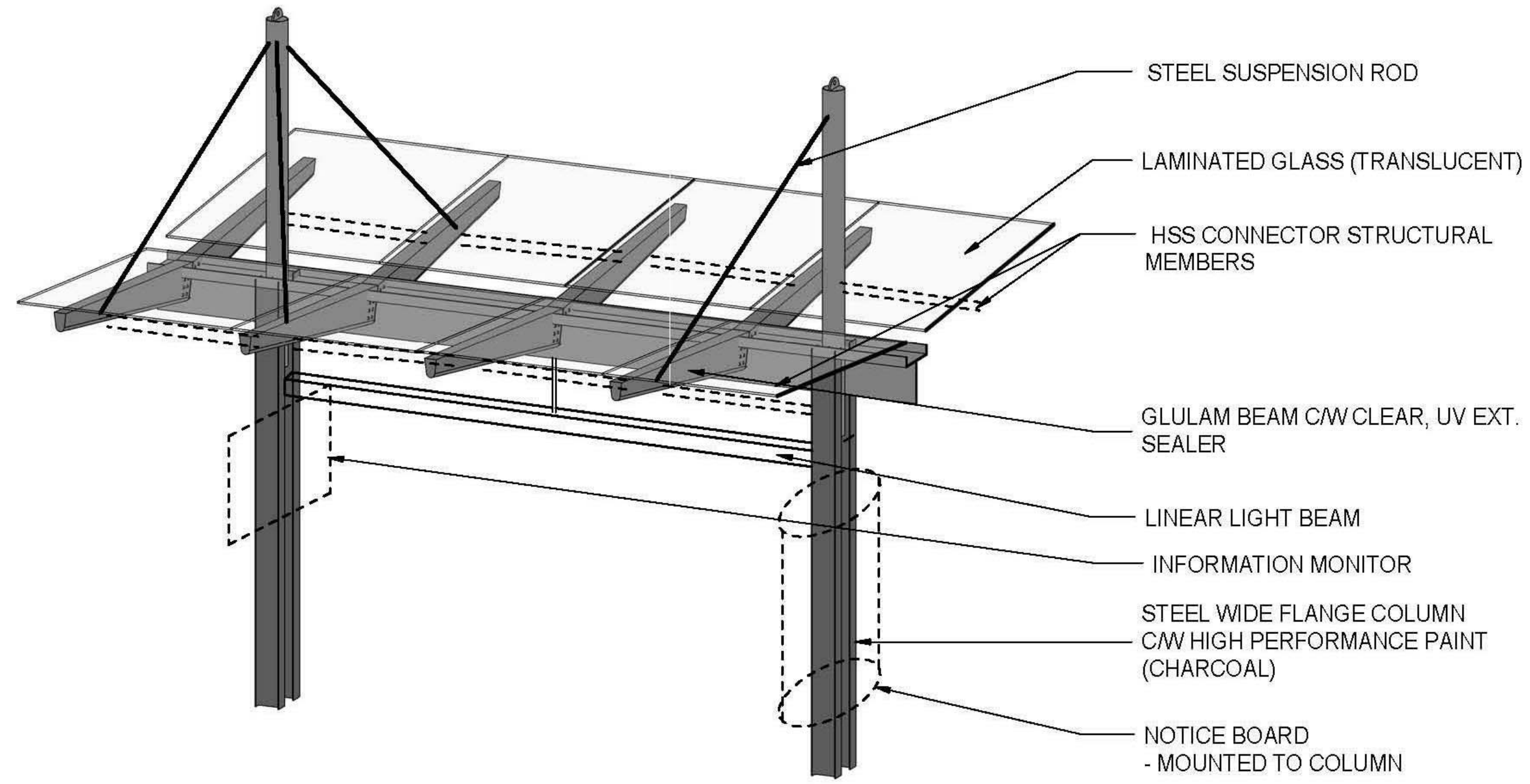
SEAL

UBC EXCHANGE
GAGE SOUTH RESIDENCE

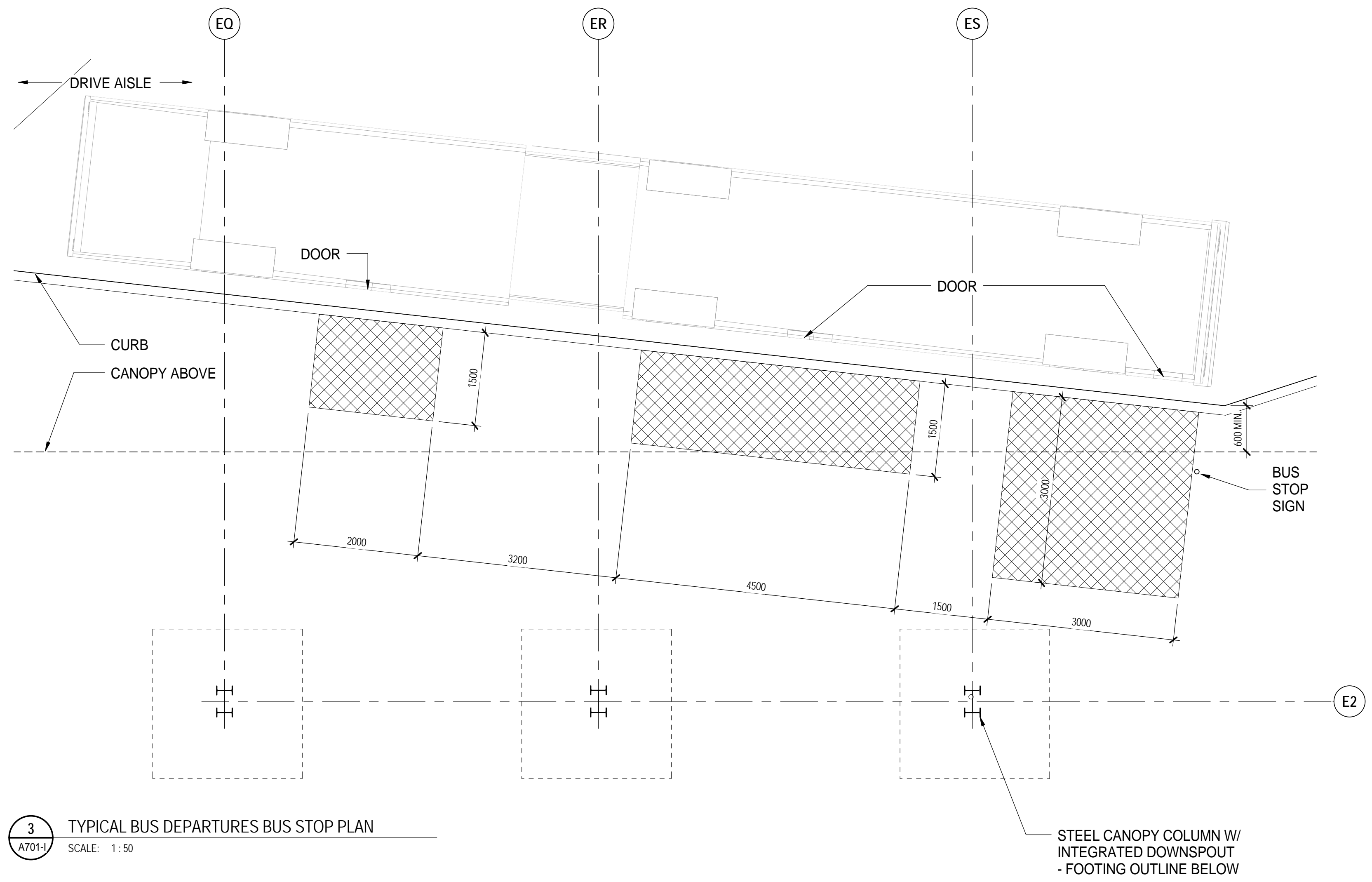
CANOPY SECTION -
LONGITUDINAL

DRAWN: Author CHECKER: Checker

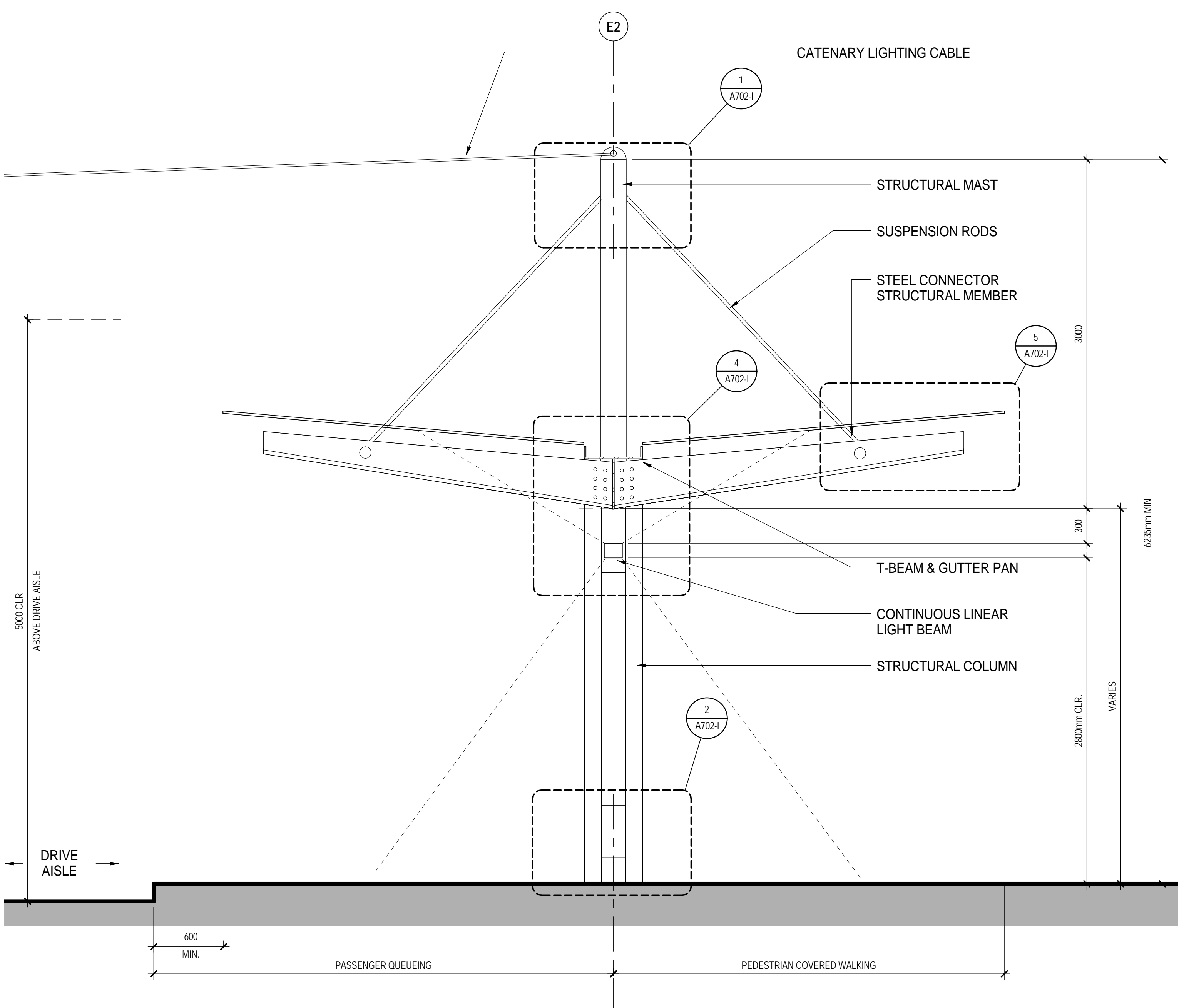
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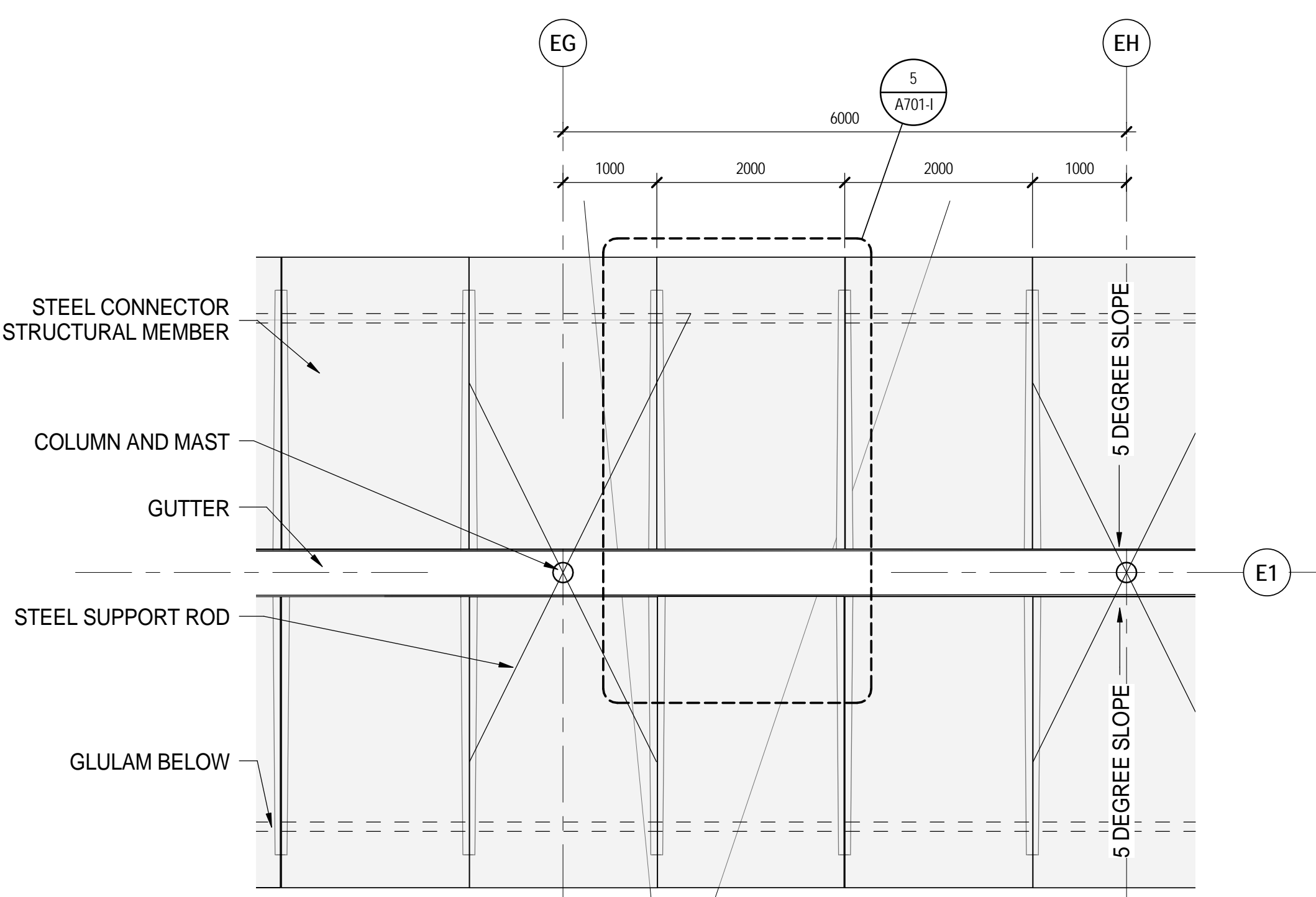
4 CANOPY MODULE 3-D VIEW
 SCALE: 1:50



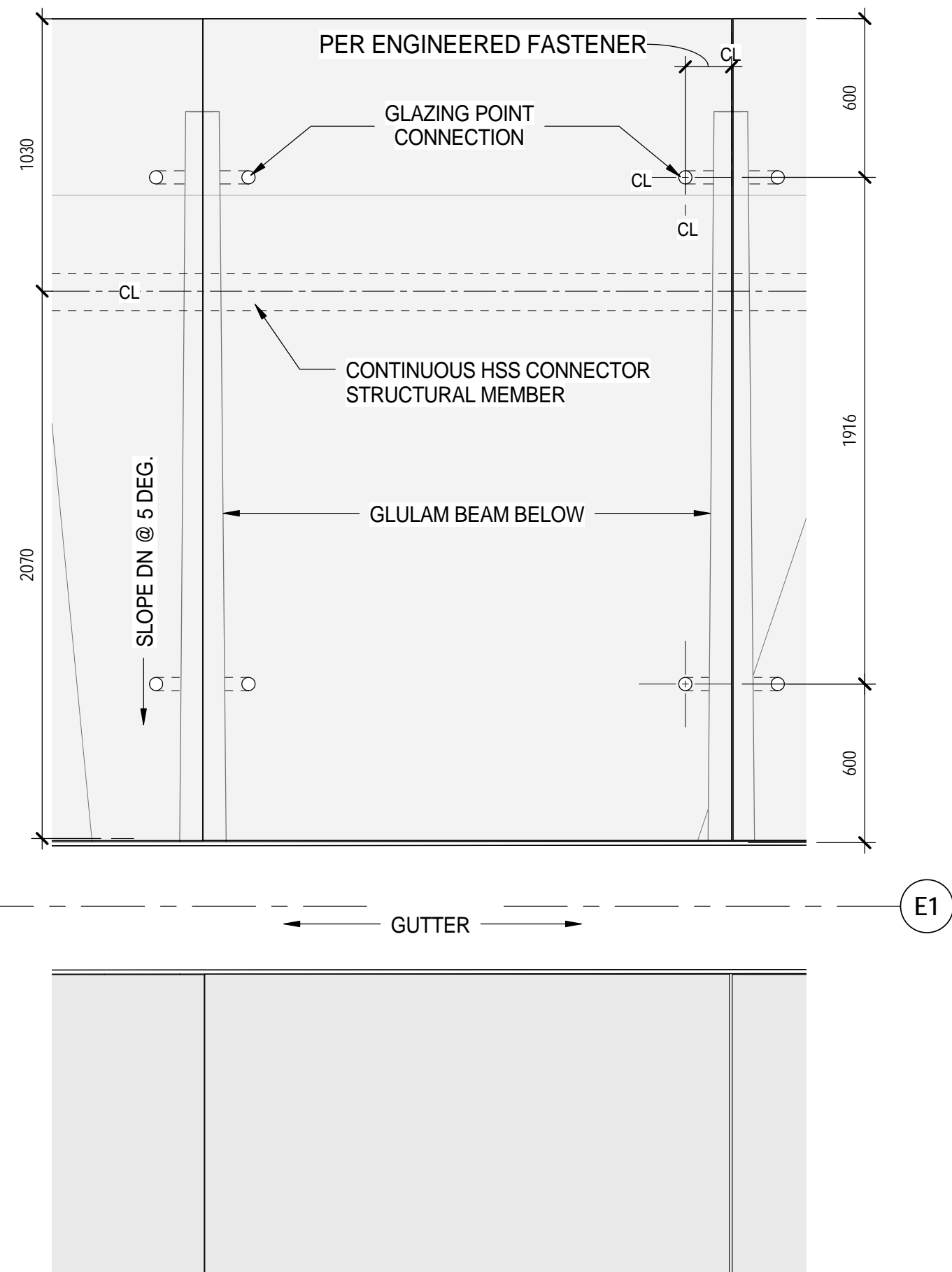
3 TYPICAL BUS DEPARTURES BUS STOP PLAN
 SCALE: 1:50



1 PLATFORM CANOPY SECTION
 SCALE: 1:25



2 TYP CANOPY PLAN DETAIL
 SCALE: 1:50

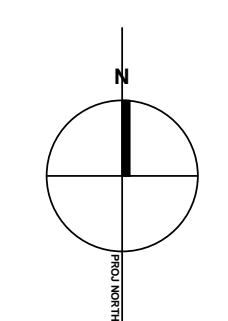


5 TYP GLASS CANOPY PANEL LAYOUT
 SCALE: 1:20

ISSUED FOR
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 3 2016-04-22 IFC - INTERIM EXCHANGE

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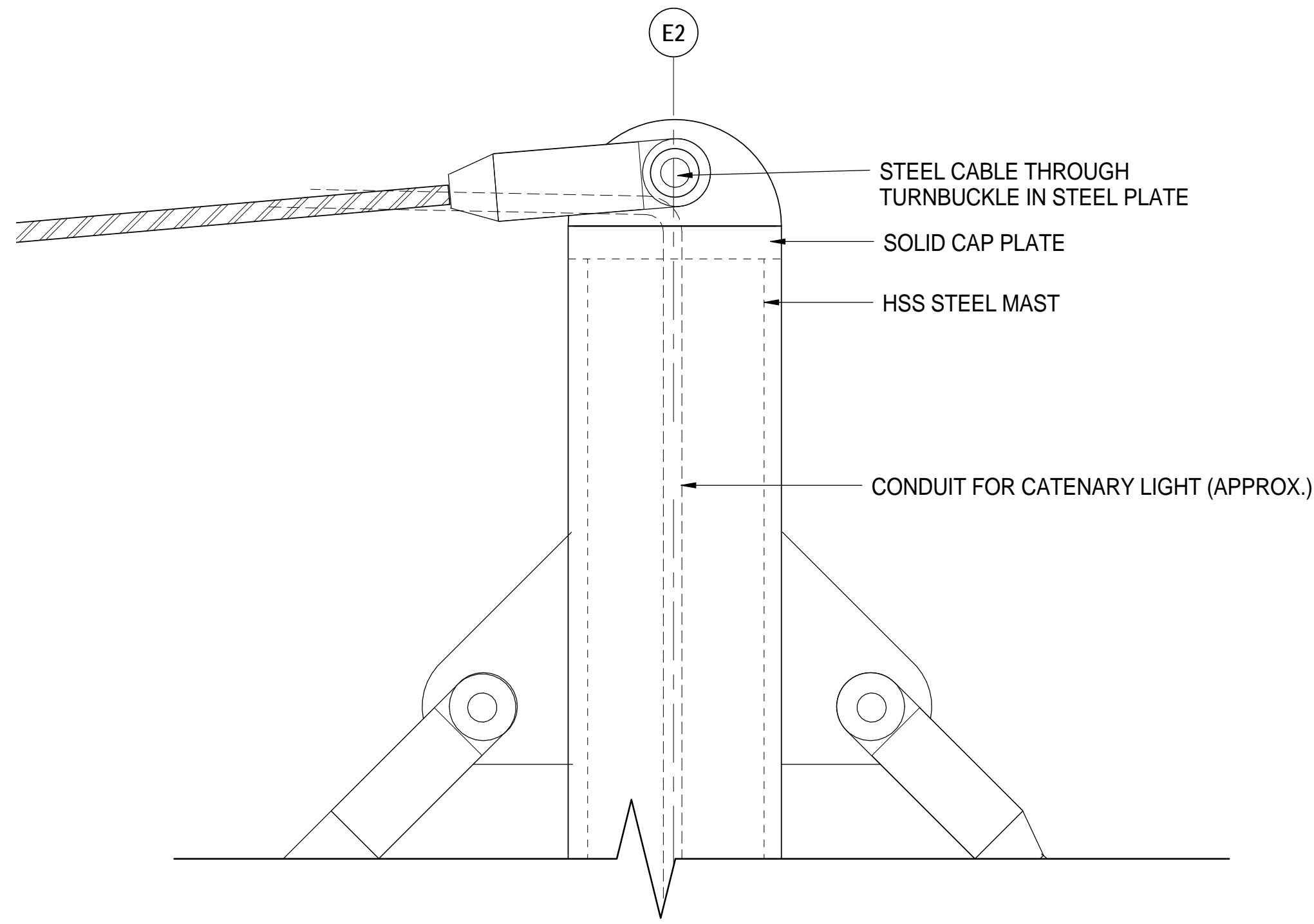


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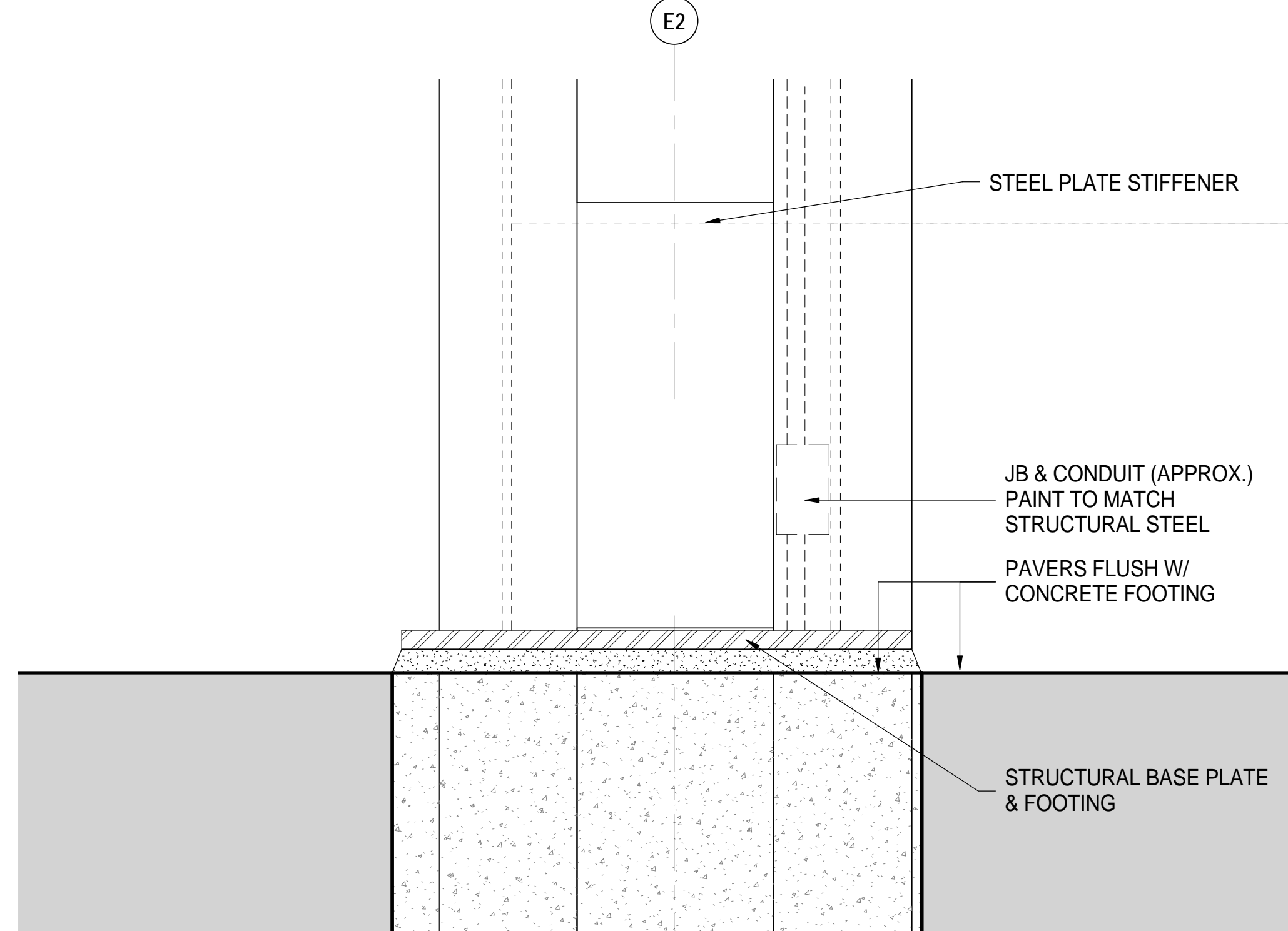
CANOPY PLANS & SECTION

DRAWN: Author CHECKER: Checker

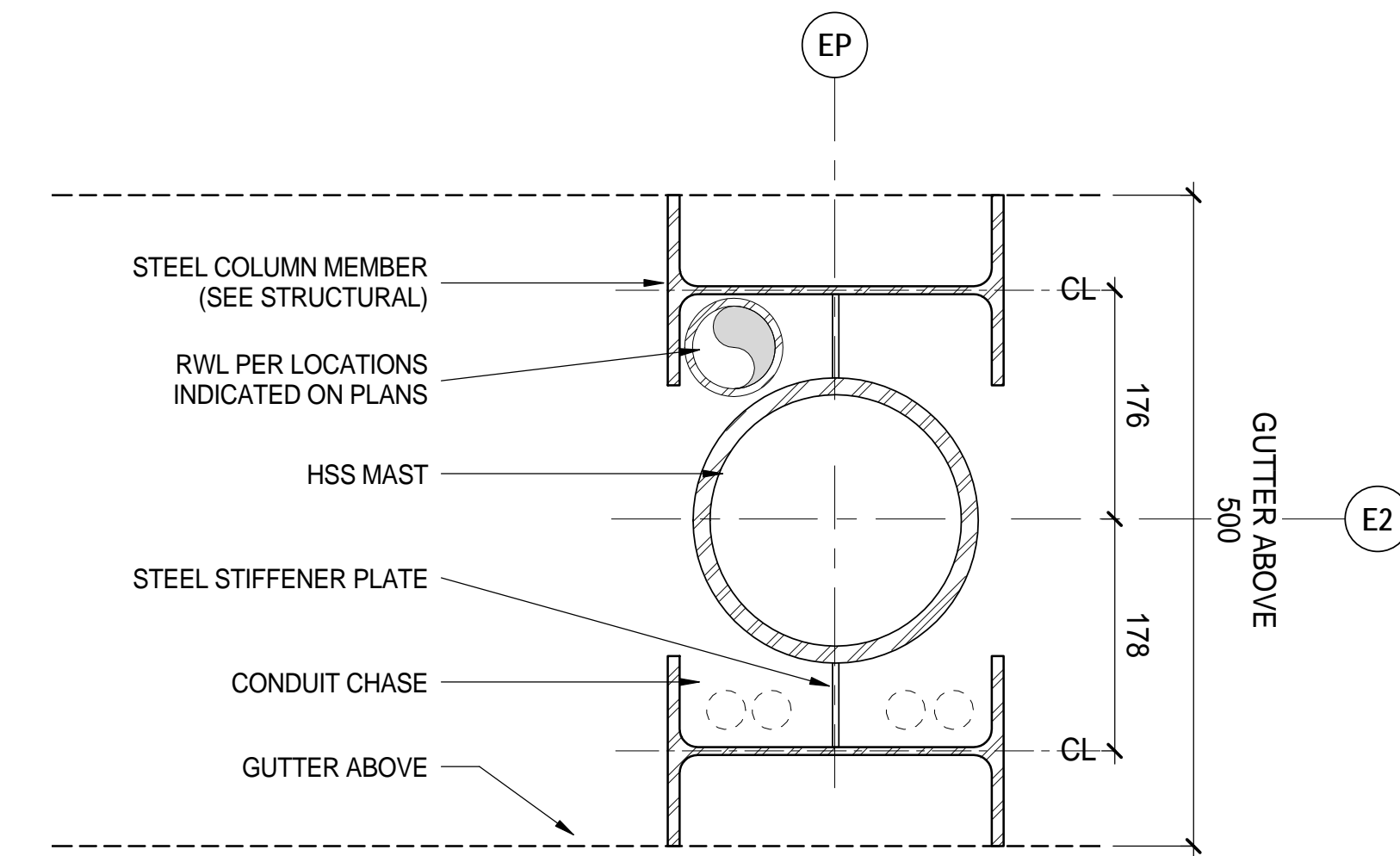
A701-I



1 PLATFORM CANOPY MAST DETAIL
SCALE: 1:5

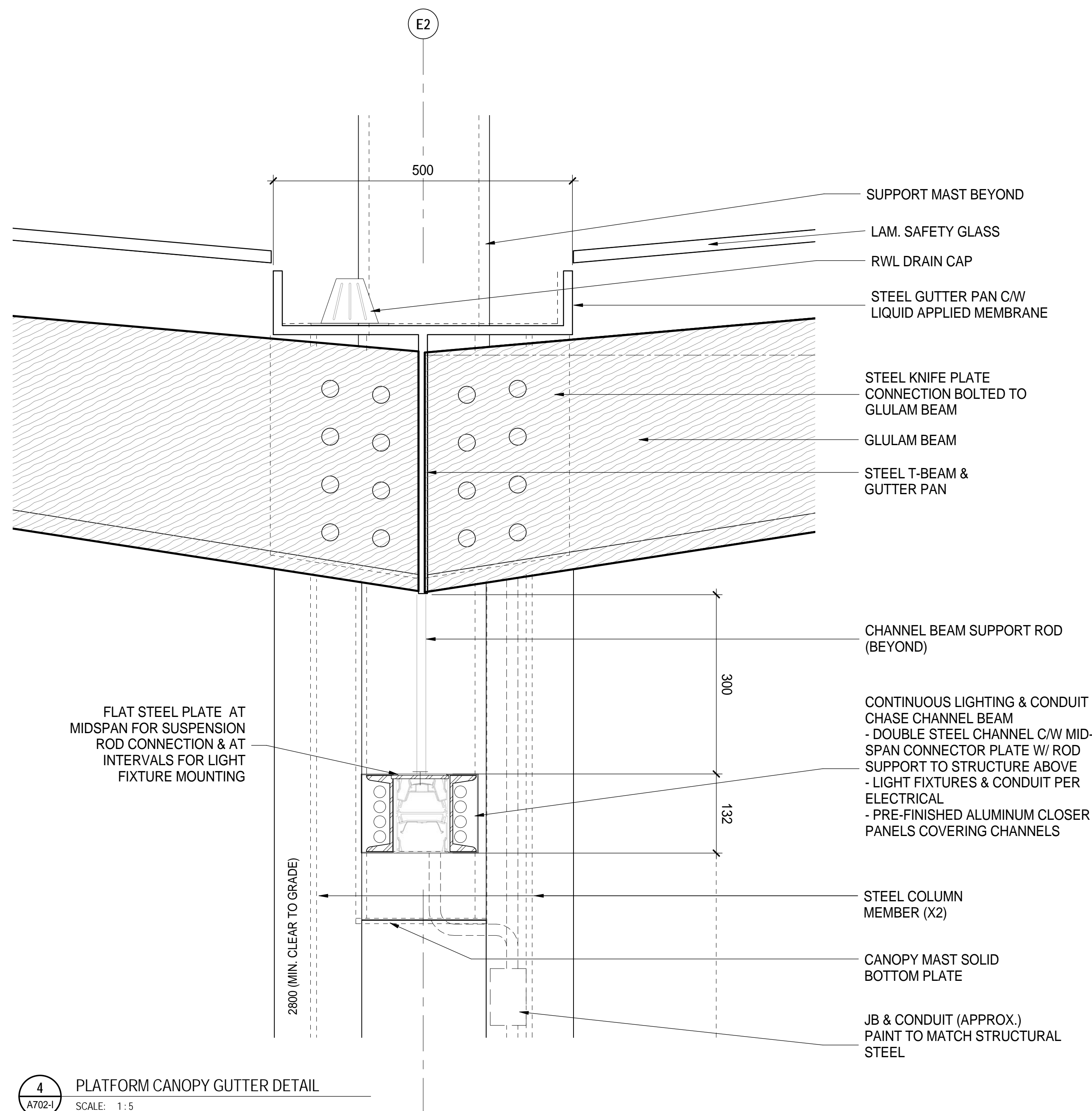


2 PLATFORM CANOPY BASE DETAIL
SCALE: 1:5

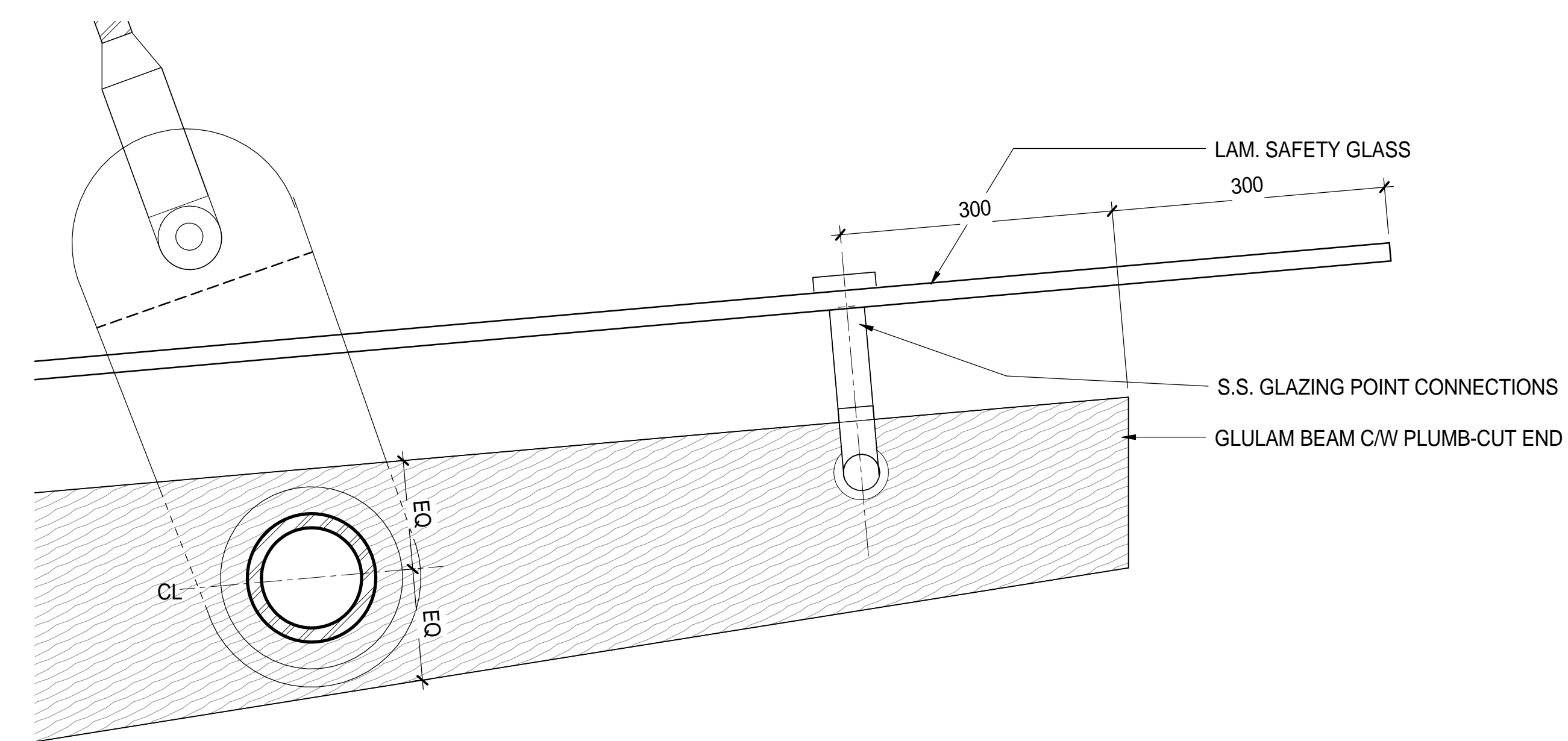


3 PLATFORM CANOPY COLUMN DETAIL
SCALE: 1:5

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4 PLATFORM CANOPY GUTTER DETAIL
SCALE: 1:5



5 PLATFORM CANOPY GLULAM DETAIL
SCALE: 1:5

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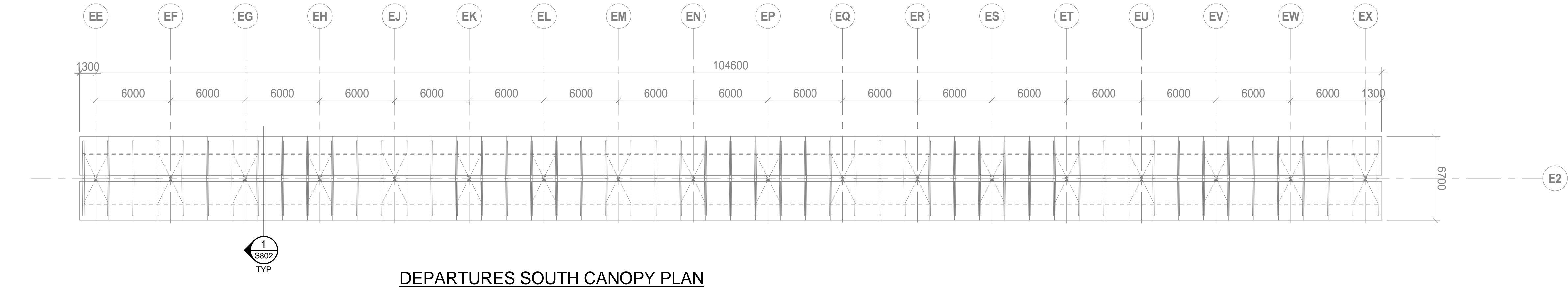
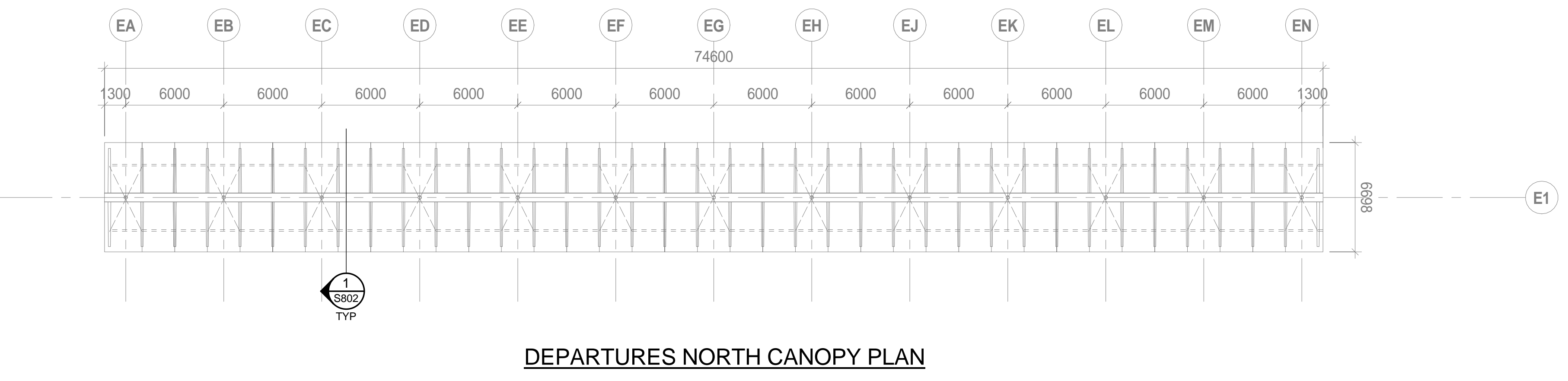
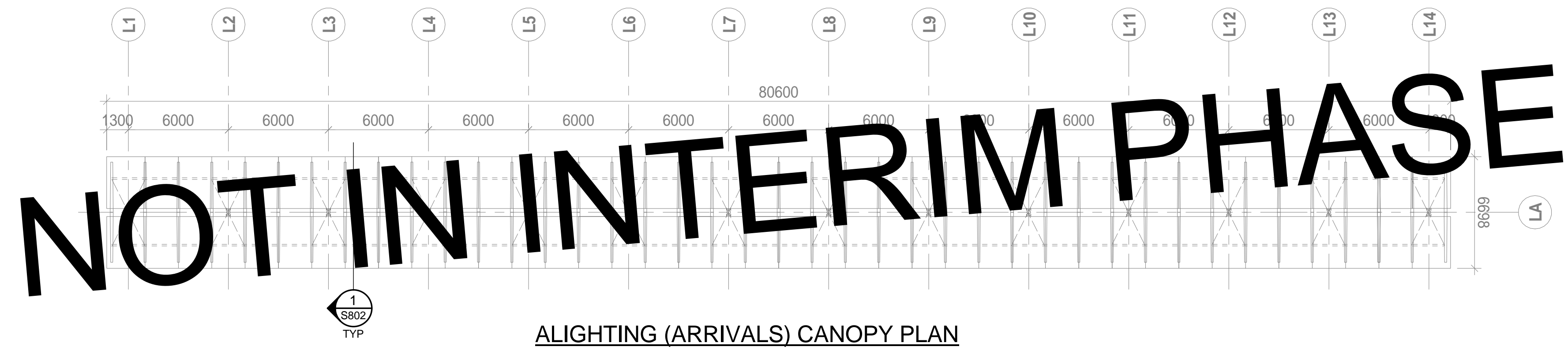
UBC EXCHANGE
GAGE SOUTH RESIDENCE

CANOPY DETAILS

DRAWN: Author CHECKER: Checker

A702-I

ISSUED FOR		
No.	Date	Description
2016-02-05		ISSUED FOR BID - INTERIM
2016-04-18		ISSUED FOR 30% COORDINATION
2016-04-22		ISSUED FOR CONSTRUCTION



1 OVERALL CANOPY PLANS
1:200

NOT IN INTERIM PHASE

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SEAL

UBC EXCHANGE
GAGE SOUTH RESIDENCE

5960 Student Union Boulevard, Vancouver, BC V6T 1Z1

LAYOVER & EXCHANGE
CANOPY PLANS

DRAWN: CHECKED:
SCALE: 1:200

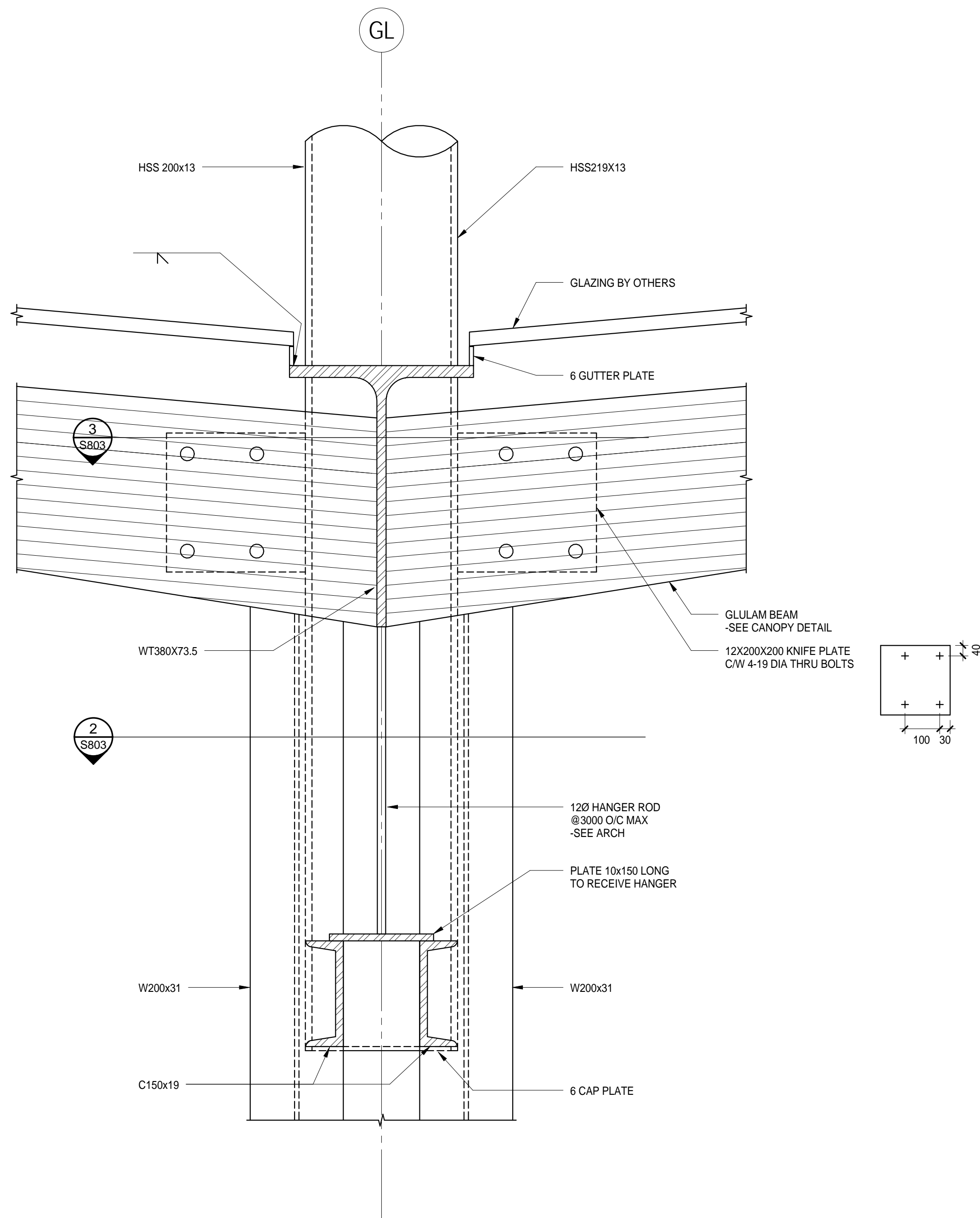
S801

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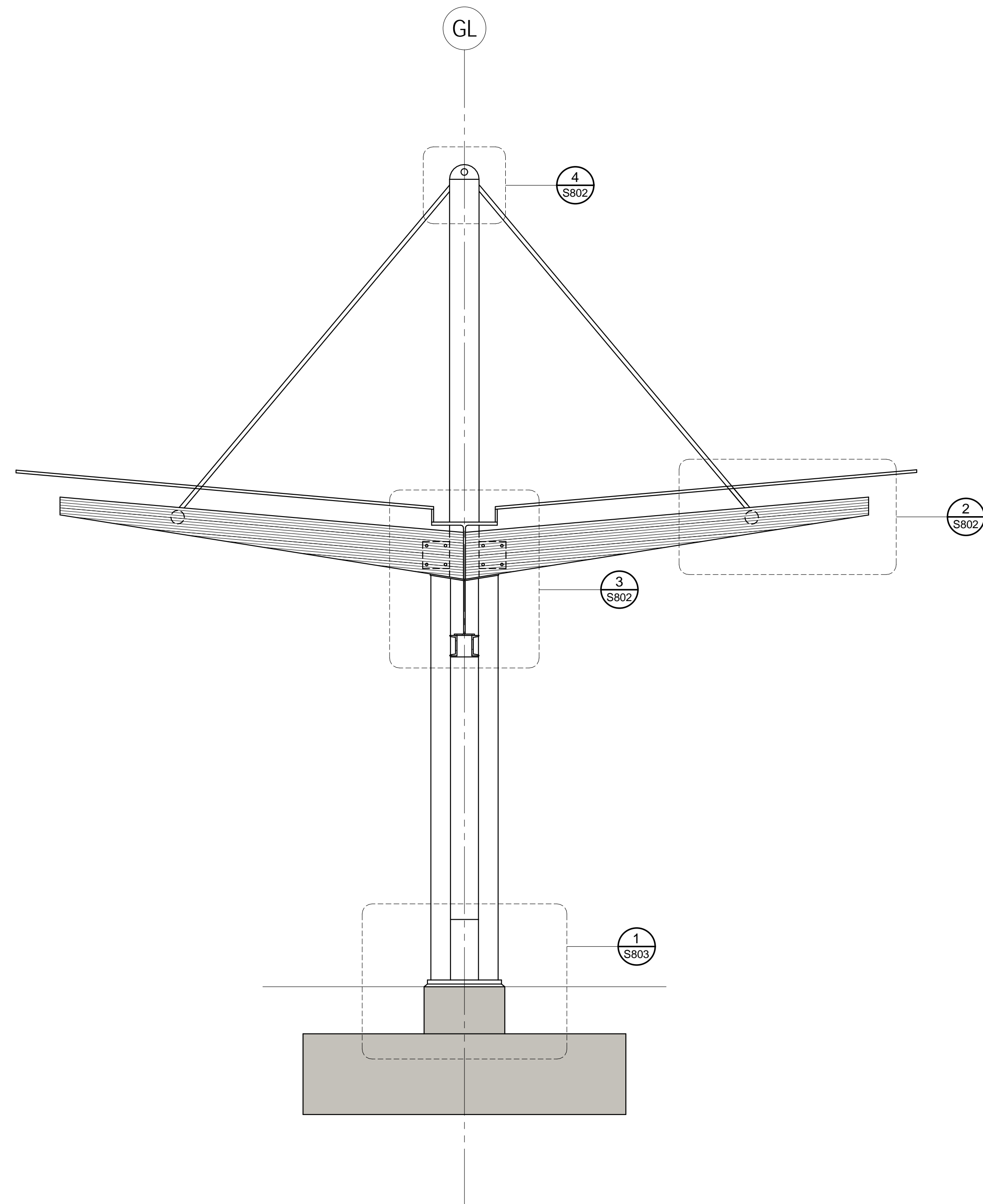
NOTES:

CONCRETE:	CSA A23.1 f _c = 35MPa F2 EXPOSURE W/C = 0.40 AIR = 4-7% SLUMP = 80 +/- 30
REINFORCING STEEL:	CSA G30.18 GRADE 400MPa
STRUCTURAL STEEL:	G40.21W 350W HSS 350W W SECTIONS 350W PLATES 300W
SEE ARCHITECTURAL SPECIFICATIONS FOR EXPOSURE & FINISH REQUIREMENTS	

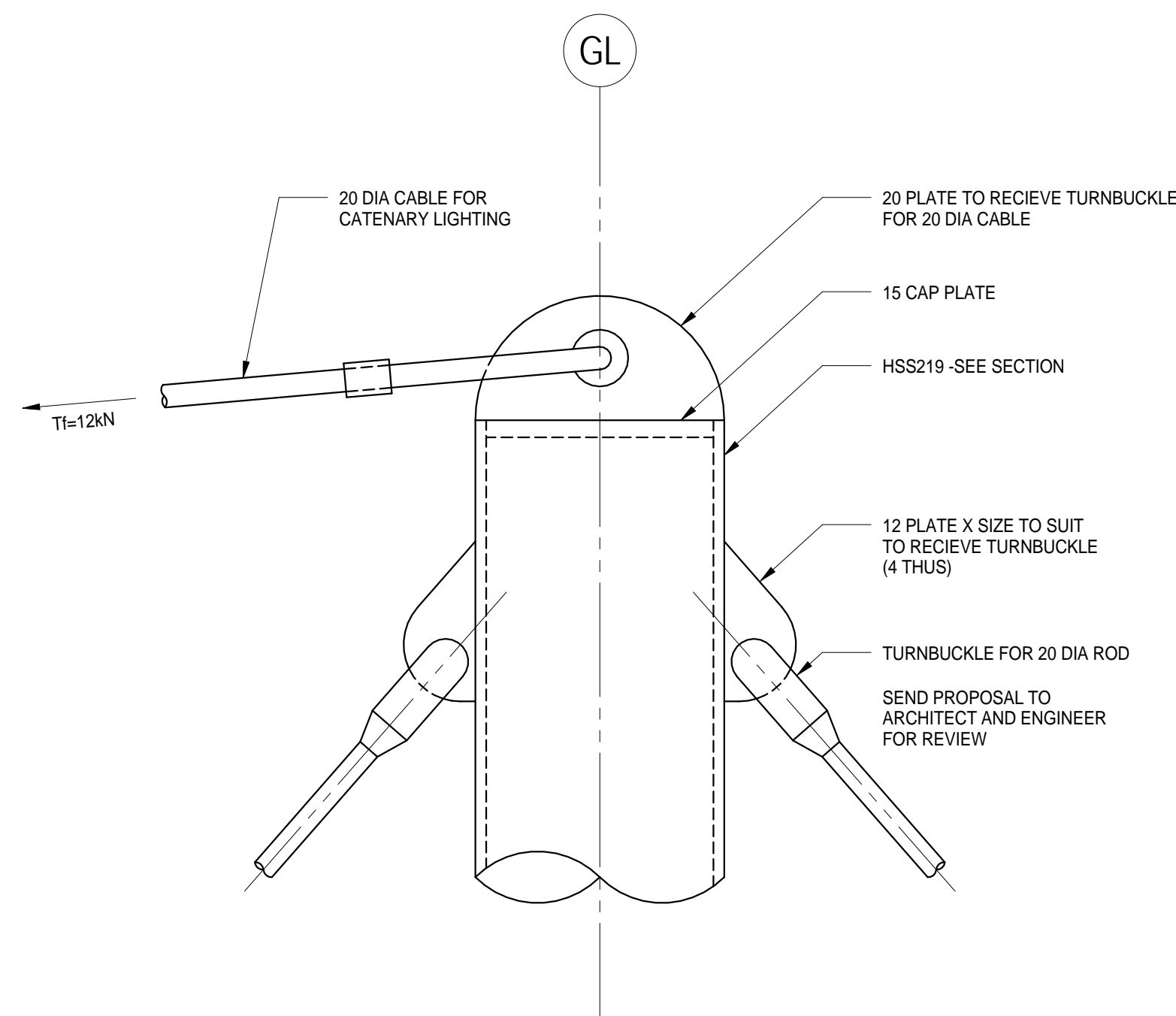
ISSUED FOR		No.	Date	Description
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		2016-03-02	ADDENDUM #1	
		2016-04-18	ISSUED FOR 30% COORDINATION	
		2016-04-22	ISSUED FOR CONSTRUCTION	



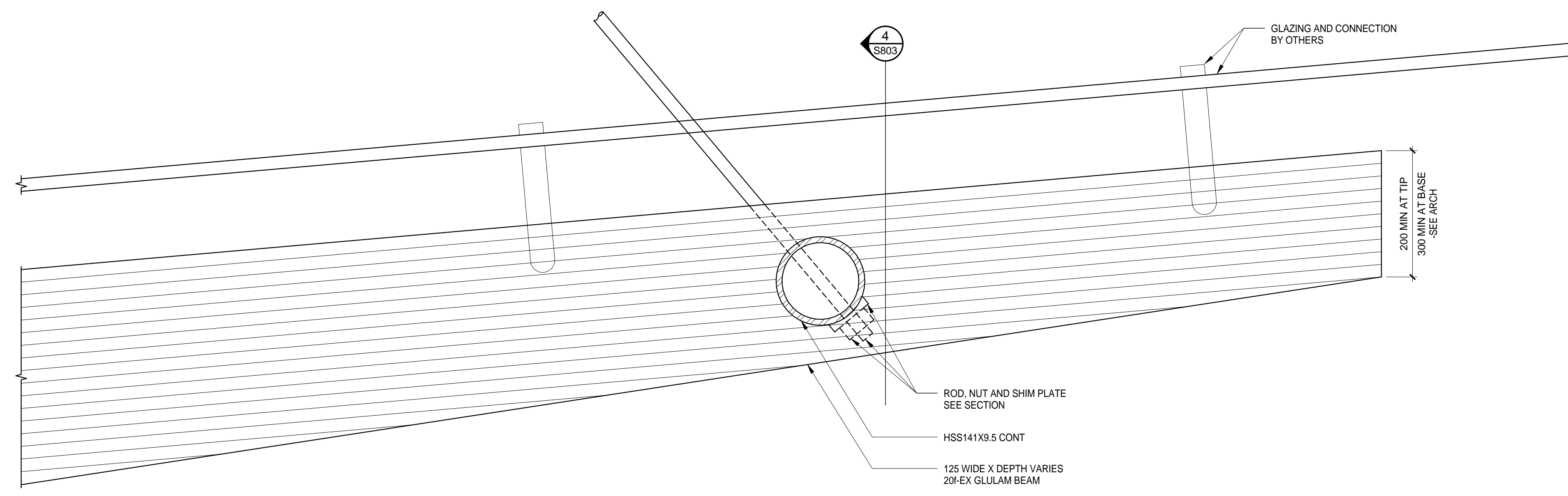
3 CANOPY DETAIL
S802 1:5 AEL/JP



1 TYPICAL SECTION AT CANOPY
S801 1:25 AEL/JP



4 CANOPY DETAIL
S802 1:5 AEL/JP



2 CANOPY DETAIL
S802 1:5 AEL/JP

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**UBC EXCHANGE
GAGE SOUTH RESIDENCE**

5960 Student Union Boulevard, Vancouver, BC V6T 1Z1

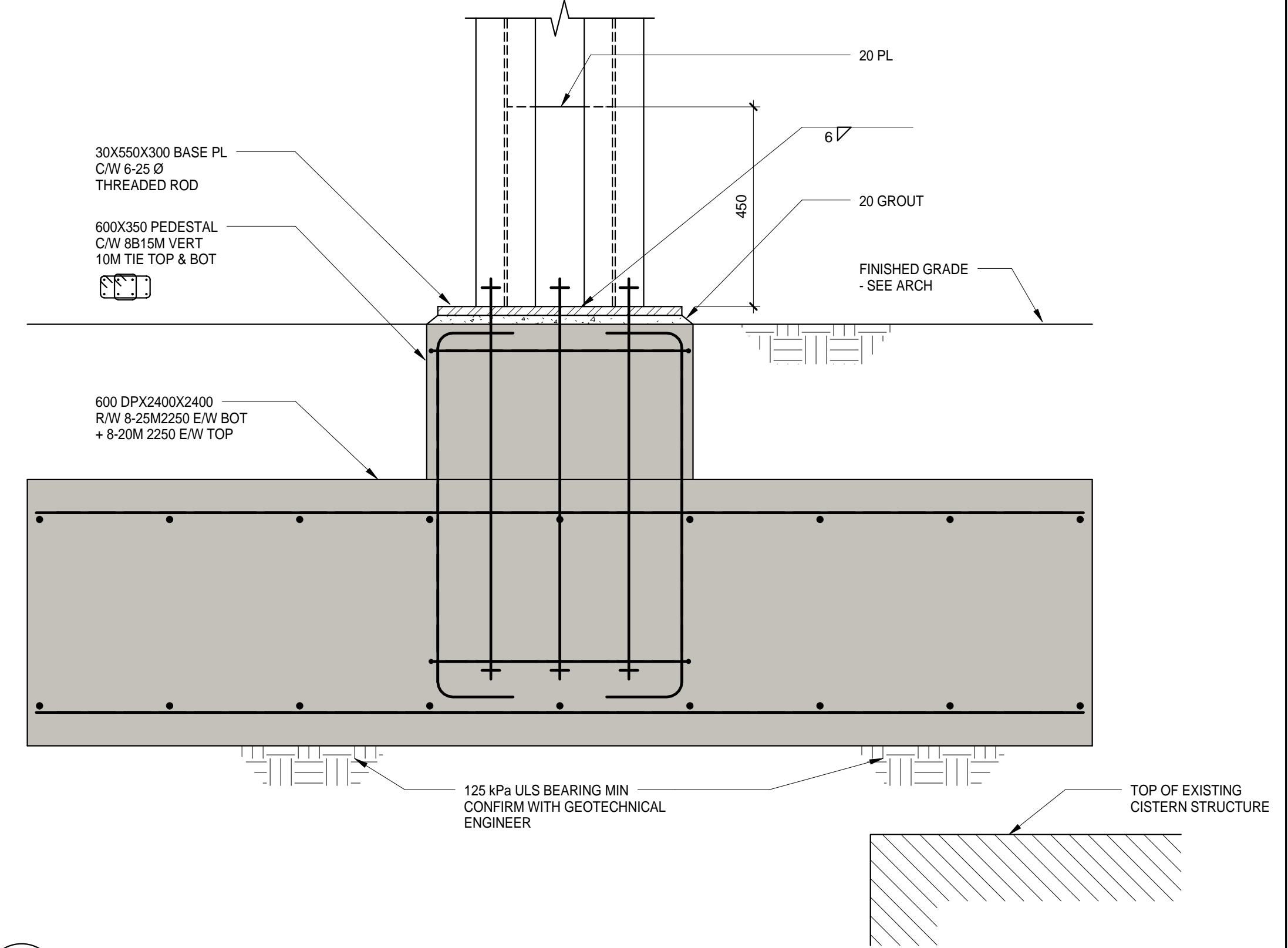
CANOPY DETAILS

DRAWN: SCALE: As indicated CHECKED:

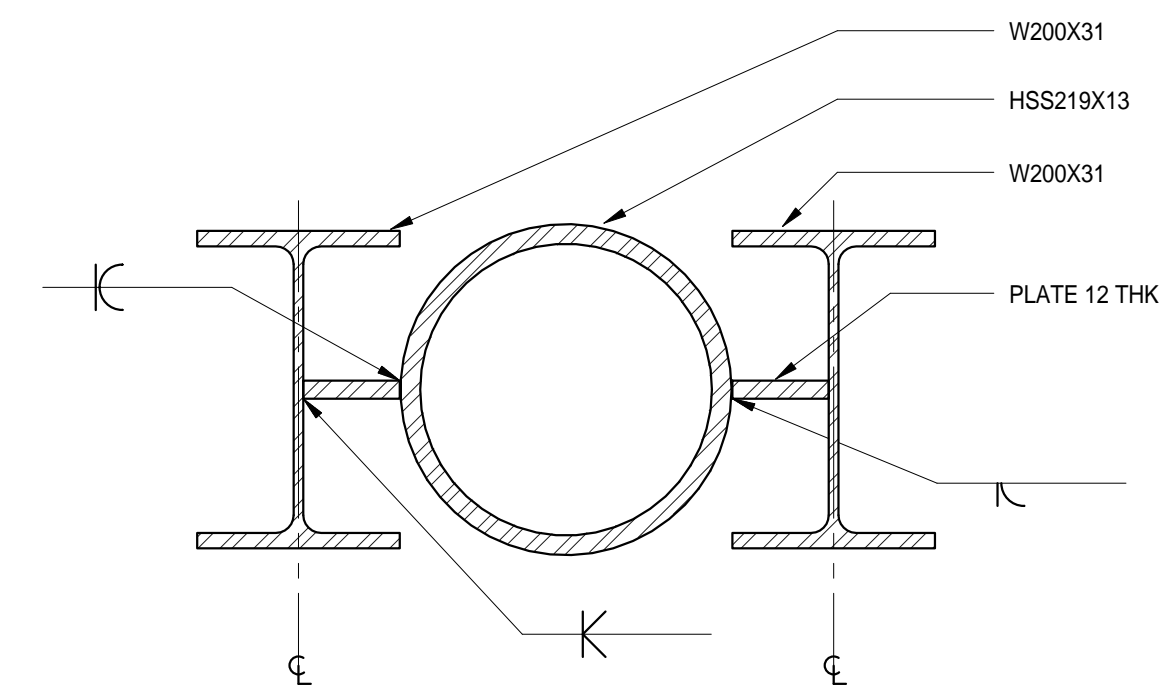
S802

#215289

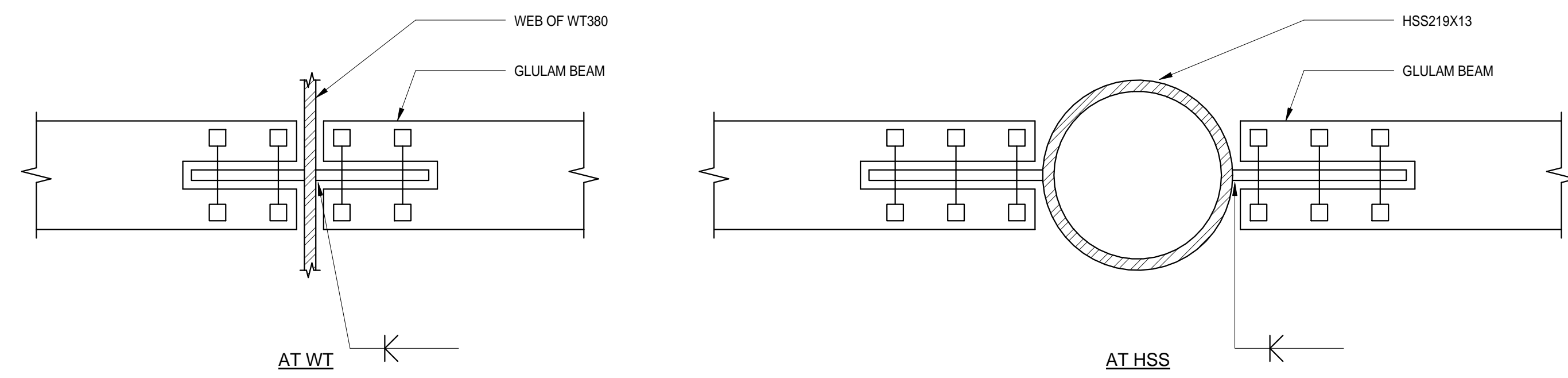
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2016-03-02		ADDENDUM #1
2016-03-08		ADDENDUM #2
2016-04-18		ISSUED FOR 30% COORDINATION
2016-04-22		ISSUED FOR CONSTRUCTION



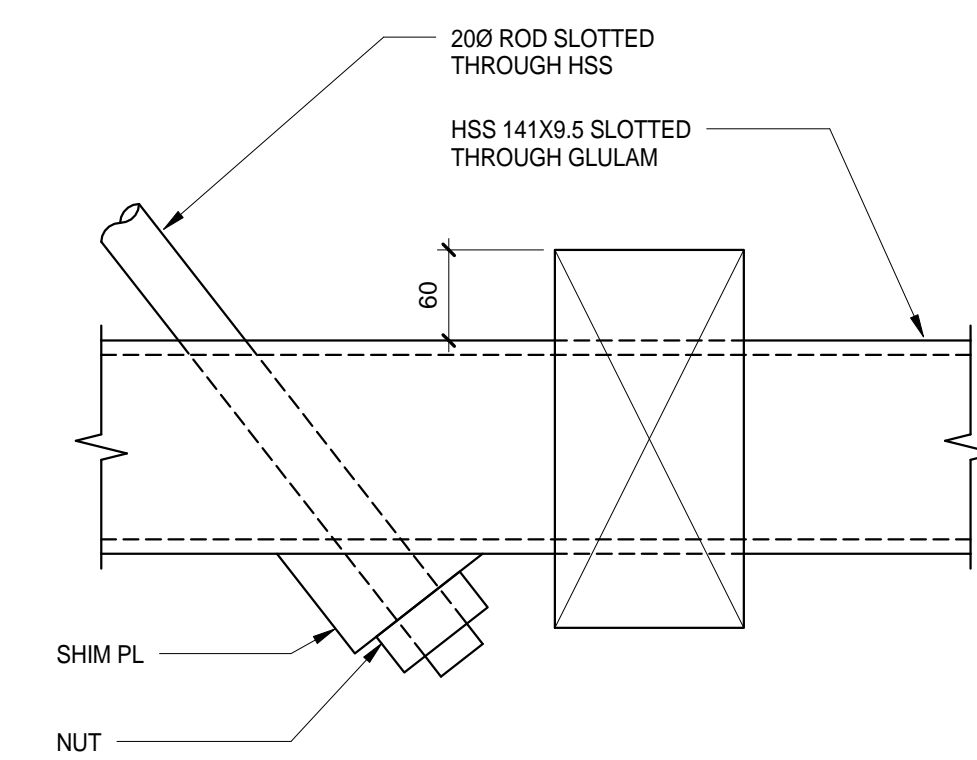
1 TYPICAL SECTION AT CANOPY BASE
S802 1:10 AEL/TK



2 CANOPY SECTION AT CENTER HSS
S802 1:5 AEL/NAH



3 GLULAM BEAM CONNECTION AT CANOPY
S802 1:5 AEL/NAH



4 CANOPY SECTION AT THREADED METAL ROD THROUGH HSS
S802 1:5 AEL/NAH

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CANOPY DETAILS

DRAWN: _____ CHECKED: _____
SCALE: As indicated

S803

#215289

- ISSUED FOR
- 2016-02-05 ISSUE FOR BID - INTERIM
 - 2016-03-09 ELECTRICAL ADDENDUM EAD01
 - 2016-04-22 ISSUED FOR PTA-1
 - 2016-04-22 IFC

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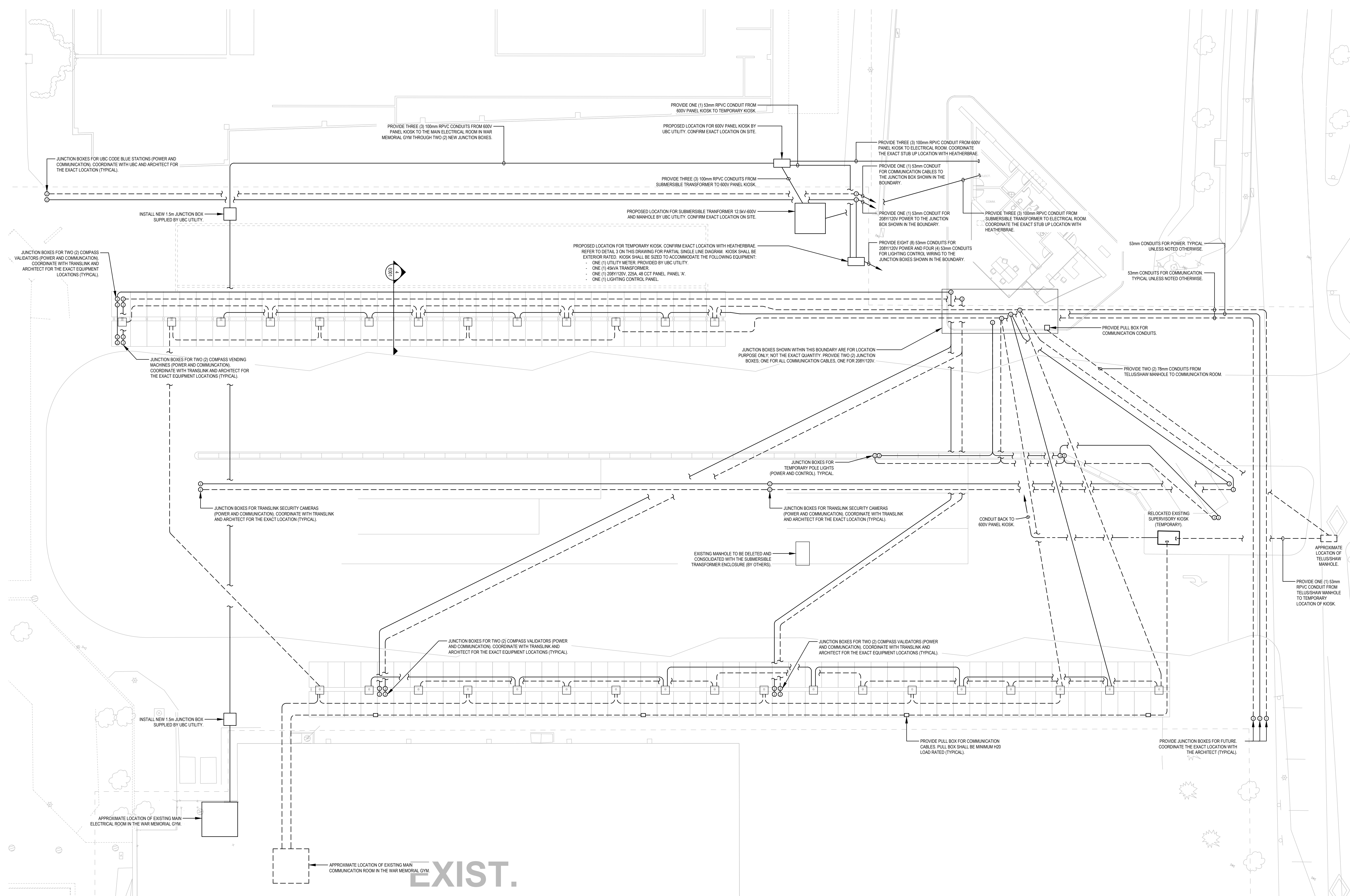
UBC GAGE SOUTH
 TRANSLINK BUS EXCHANGE

ELECTRICAL
 SITE PLAN - INTERIM

DRAWN: AS CHECKED: ER
 PROJECT NUMBER: 2-15-161

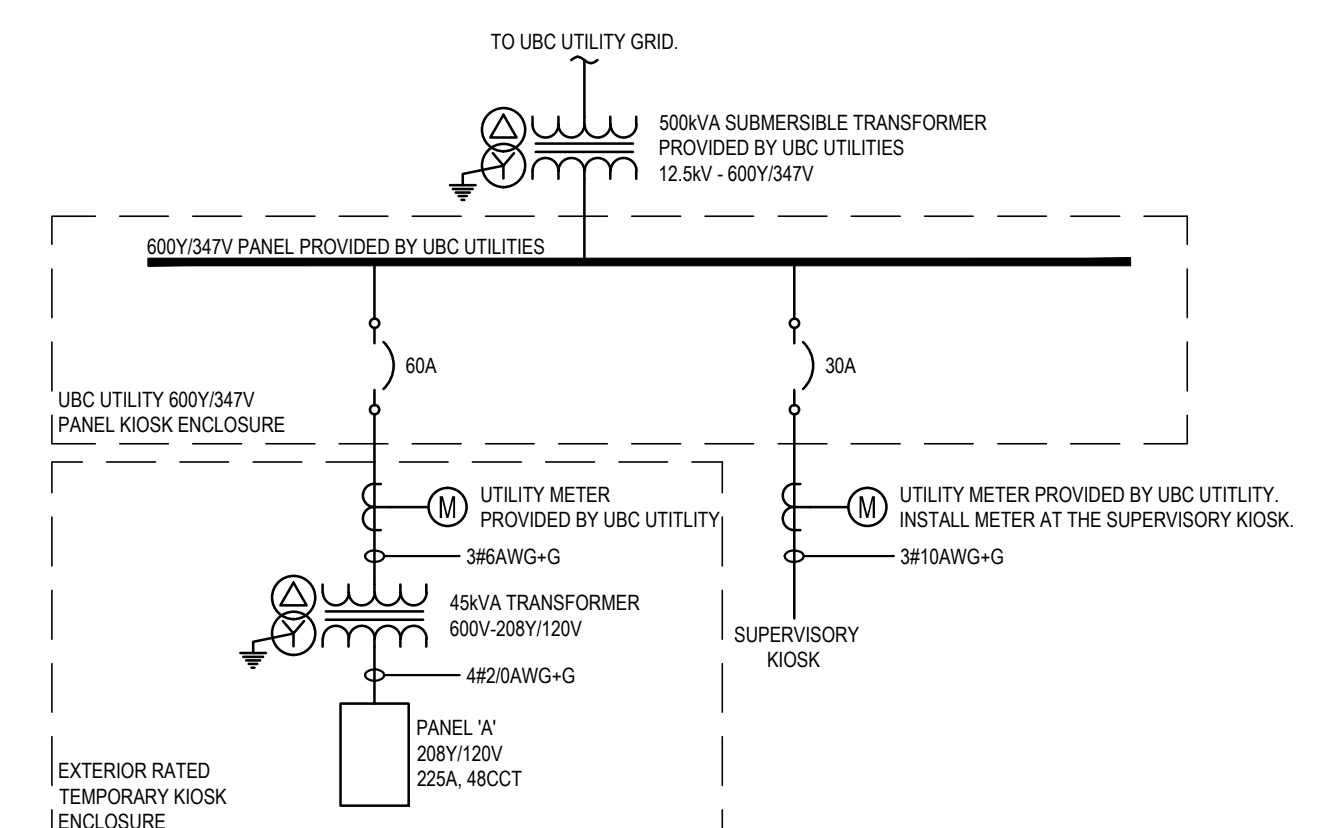
E001

PLOT DATE: 12/7/2016 5:17:34 PM

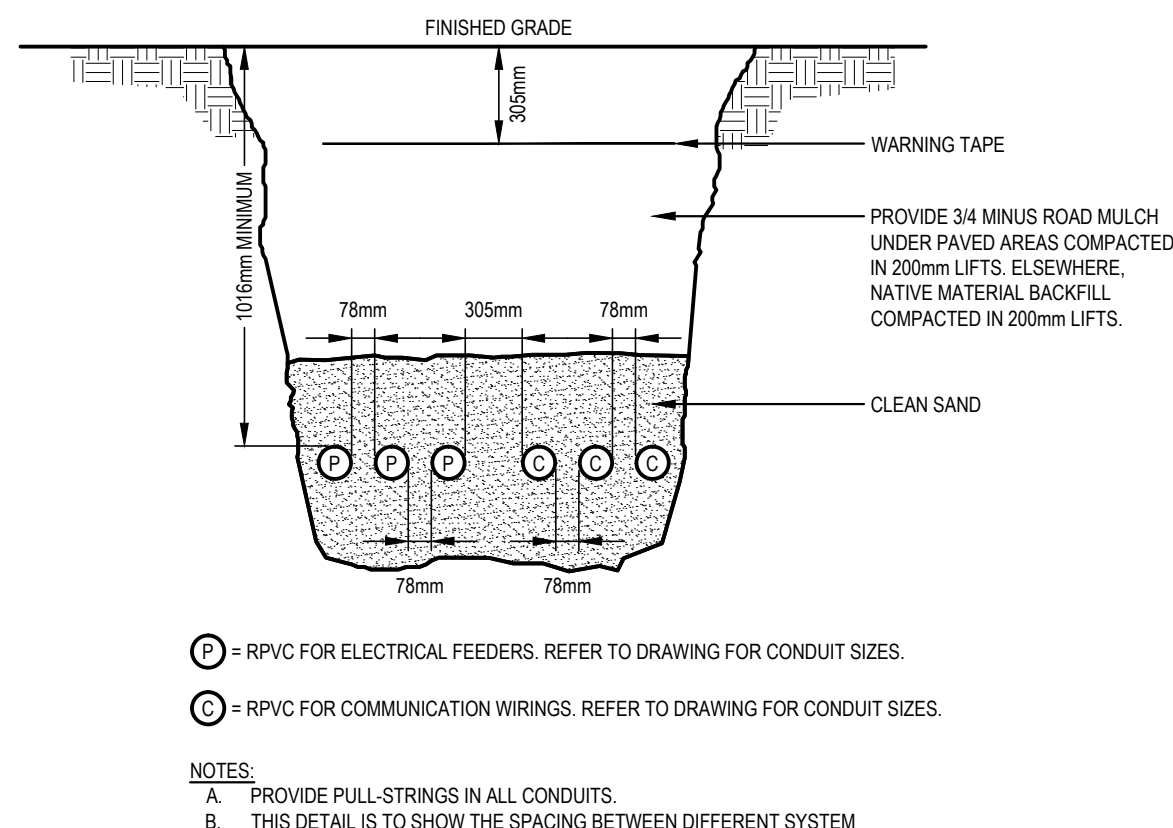


ELECTRICAL DRAWING LIST	
E001	ELECTRICAL SITE PLAN - INTERIM
E100	ELECTRICAL LIGHTING PLAN - INTERIM
E200	ELECTRICAL POWER & LOW TENSION PLAN - INTERIM
E300	ELECTRICAL SPECIFICATIONS - INTERIM

SYMBOL LEGEND	
□	CANOPY / POLE LIGHT MOUNTING BASE
○	EXTERIOR WEATHER PROOF, MINIMUM H20 LOAD RATED, RECESSED JUNCTION BOX
-3	CONDUIT STUB UP
---	53mm POWER (288Y120V) CONDUIT (UNLESS OTHERWISE NOTED ON DRAWING)
---	53mm POWER (600Y347V) CONDUIT (UNLESS OTHERWISE NOTED ON DRAWING)
---	53mm COMMUNICATION CONDUIT (UNLESS OTHERWISE NOTED ON DRAWING)



1 ELECTRICAL SITE PLAN - INTERIM
 0 400 800 1200 1,200



2 SYMBOL LEGEND & DRAWING LIST
 E001 NTS

3 PARTIAL SINGLE LINE DIAGRAM
 E001 NTS

4 TYPICAL CONDUIT SPACINGS
 E001 NTS

- GENERAL NOTES**
- NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THIS DRAWING. ELECTRICAL CONTRACTOR TO COORDINATE WITH OTHER CONTRACTOR FOR LOCATION OF UNDERGROUND UTILITIES.
 - PROVIDE PULL-STRING IN ALL CONDUITS.
 - LOCATION OF UNDERGROUND CONDUITS AND JUNCTION BOXES SHOWN ARE APPROXIMATE. EXACT ROUTING AND LOCATION TO BE DETERMINED ON SITE TO SUIT SITE CONDITION.
 - ALL UNDERGROUND DUCTS/CONDUITS MUST BE RPVC, SCHEDULE 40.
 - ALL RADI FOR CONDUIT RUNS SHOWN ON THIS DRAWING SHALL BE UTILITY SPECIFICATION (1.5m OR GREATER).
 - UNLESS OTHERWISE NOTED, CONDUITS FOR FUTURE PHASE SHALL BE STUBBED TO PROPERTY LINE. LAY FLAT COVER AND CAP, FLAG LOCATION OF CONDUITS CLEARLY FOR FUTURE USE.
 - ALL CONDUITS SHOWN SHALL BE 53mm OR GREATER UNLESS OTHERWISE NOTED.
 - PROVIDE SCANNING OF WALLS FOR EXISTING SERVICES PRIOR TO ANY PENETRATION INTO THE WAR MEMORIAL GYM.



- ISSUED FOR
- 2016-02-05 ISSUE FOR BID - INTERIM
 - 2016-03-09 ELECTRICAL ADDENDUM EAD01
 - 2016-04-22 ISSUED FOR PTA-1
 - 2016-04-22 IFC

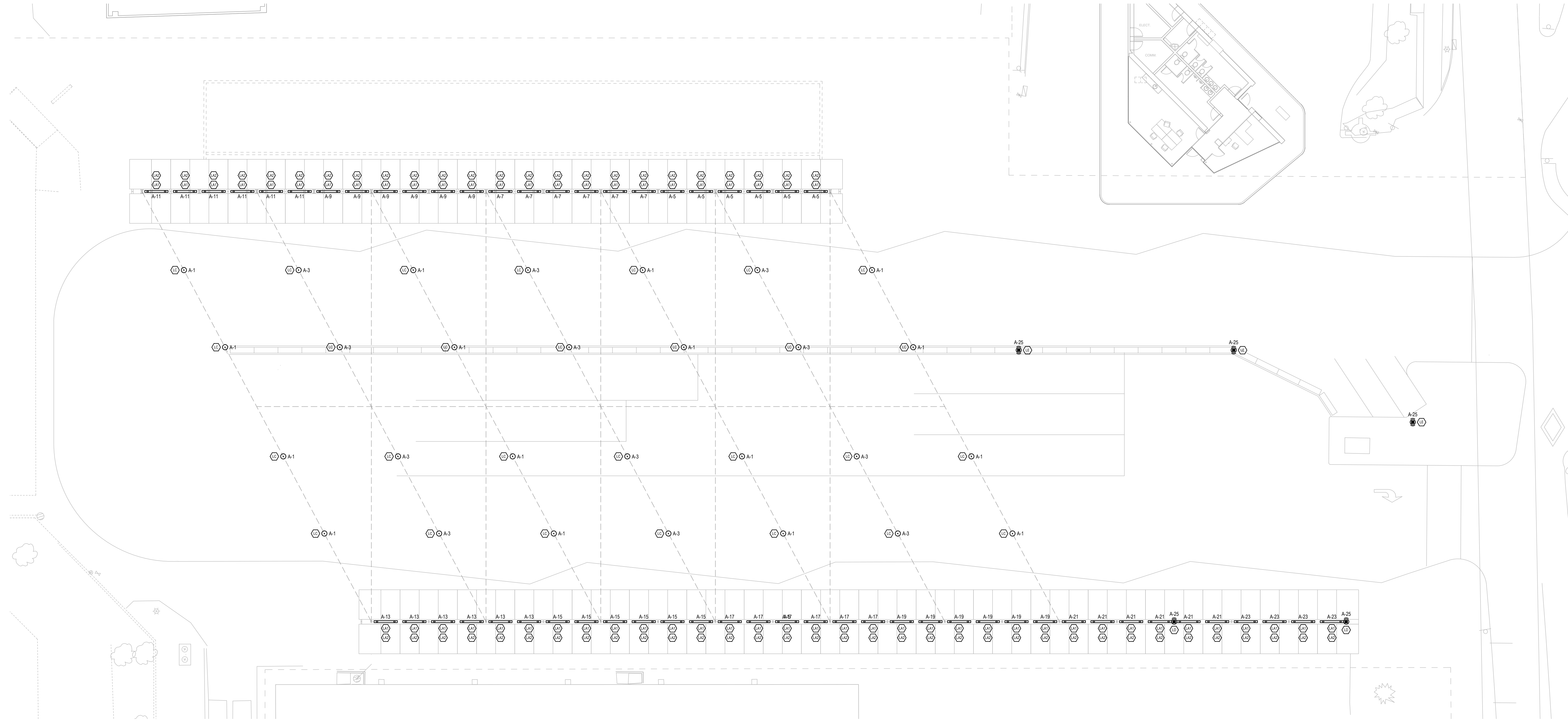
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1 LIGHTING PLAN - INTERIM
E100 1:200

PANELBOARD SCHEDULE

JOB NO. NAME : 2-15-161 UBC GAGE SOUTH TRANS LINK BUS EXCHANGE
 PANEL : PANEL 'A'
 SYSTEM : 208Y/120V
 TYPE : NEMA TYPE 3
 LOCATION : EXTERIOR WOODK
 MOUNTING : SURFACE
 NO. CIRCUITS : 42
 BUS SIZE : 225A
 SYM. FAULT RATING : -

DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
CATENARY LIGHTS	20A	1	01	02	1	CODE BLUE STATIONS
CATENARY LIGHTS	20A	1	03	04	1	NORTH UBC CAMERAS
NORTH LINEAR LIGHTS	20A	1	05	06	1	NORTH UBC WIRELESS
NORTH LINEAR LIGHTS	20A	1	07	08	1	SOUTH UBC CAMERAS
NORTH LINEAR LIGHTS	20A	1	09	10	1	SOUTH UBC WIRELESS
NORTH LINEAR LIGHTS	20A	1	11	12	1	SPARE
SOUTH LINEAR LIGHTS	20A	1	13	14	1	SPARE
SOUTH LINEAR LIGHTS	20A	1	15	16	-	-
SOUTH LINEAR LIGHTS	20A	1	17	18	-	-
SOUTH LINEAR LIGHTS	20A	1	19	20	-	-
SOUTH LINEAR LIGHTS	20A	1	21	22	-	-
SOUTH LINEAR LIGHTS	20A	1	23	24	-	-
POLE LIGHTS	20A	1	25	26	-	-
SPARE	20A	1	27	28	-	-
SPARE	20A	1	29	30	-	-
-	-	-	31	32	-	-
-	-	-	33	34	-	-
-	-	-	35	36	-	-
-	-	-	37	38	-	-
-	-	-	39	40	-	-
-	-	-	41	42	-	-

* GFCI Breaker
 ** Arc Fault Breaker

SYMBOL LEGEND

	SUSPENDED LUMINAIRE
	CATENARY LUMINAIRE
	BOLLARD LUMINAIRE
	SINGLE HEAD POLE LUMINAIRE
	DOUBLE HEADS POLE LUMINAIRE

2 SYMBOL LEGEND
E100 NTS

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	PRE-APPROVED PRODUCTS	MOUNTING	WATTS (W)	LAMP TYPE	LUMENS	COLOUR TEMP.	MIN CRI	BALLAST	VOLTAGE	NOTES
A1	8' SUSPENDED LINEAR LED DOWN LIGHT	A LIGHT ACCOLADE 3 DS-8-LH-30U-HE-PIV1-D-Q	SUSPENDED	160W	LED	9600/9600 LUMENS (UP/DOWN)	3000K	80	ELECTRONIC	120V	-
A2	8' SUSPENDED LINEAR LED UP LIGHT	LUMENPLUS LUMENFACADE LOG-120-48-RGB-60X80-SAM-SI-DMX-RDM-CRC-CW-ETE-LT02-CBK-DS	SUSPENDED	160W	LED	9600/9600 LUMENS (UP/DOWN)	3000K	80	ELECTRONIC	120V	PROVIDE ANY ASSOCIATED LEADER/JUMPER CABLES OR ACCESSORIES TO HAVE A COMPLETE AND FUNCTIONAL SYSTEM.
LU	NOT USED	-	-	-	-	-	-	-	-	-	-
A3	SUSPENDED CABLE CATENARY LIGHT	BEGA PENDANT LUMINAIRES FOR CATENARY SYSTEMS 949LED-120V-3K-SLV	SUSPENDED CABLE	90W	LED	7372 LUMENS	3000K	80	ELECTRONIC	120V	COLOR FINISH SHALL BE METALLIC SILVER. SUSPENSION CABLE SHALL BE PROVIDED BY OTHERS.
A4	SINGLE HEAD POLE LIGHT	LITHONIA LIGHTING D-SERIES SIZE 0 DSX0LED-40C-1000-30K-1FTM-347-RPUMBA-0BLXD	POLE	138W	LED	13,956 LUMENS	3000K	80	ELECTRONIC	120V	-
A5	DOUBLE HEADS POLE LIGHT	LITHONIA LIGHTING D-SERIES SIZE 0 DSX0LED-40C-1000-30K-1FTM-347-RPUMBA-0BLXD	POLE	276W	LED	27,912 LUMENS	3000K	80	ELECTRONIC	120V	PROVIDE 7.5m ROUND POLE AND BASE.

4 LUMINAIRE SCHEDULE
E100 NTS

- GENERAL NOTES**
- ALL FEEDERS SHALL BE SIZED PROPERLY TO ACCOMMODATE VOLTAGE DROPS. ALL 120V FEEDERS FROM THE PANEL TO THE CATENARY POLES SHALL BE #6 AWG COPPER AND FEEDERS FROM CATENARY POLES TO THE CATENARY LUMINAIRES CAN BE REDUCED DOWN TO #12 AWG COPPER. THESE FEEDER SIZES ARE BASED ON THEORETICAL CALCULATIONS FROM THE DRAWING. CONTRACTOR SHALL PERFORM A VOLTAGE DROP CALCULATION BASED ON THE ACTUAL LENGTH OF CONDUITS INSTALLED ON SITE AND SIZE THE FEEDERS ACCORDINGLY.
 - AN ASTRONOMICAL CONTROL CLOCK SHALL BE PROVIDED IN THE TEMPORARY KIOSK TO CONTROL ALL LIGHTING.

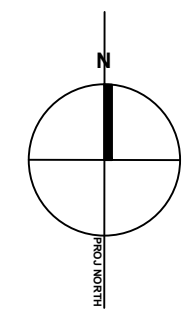
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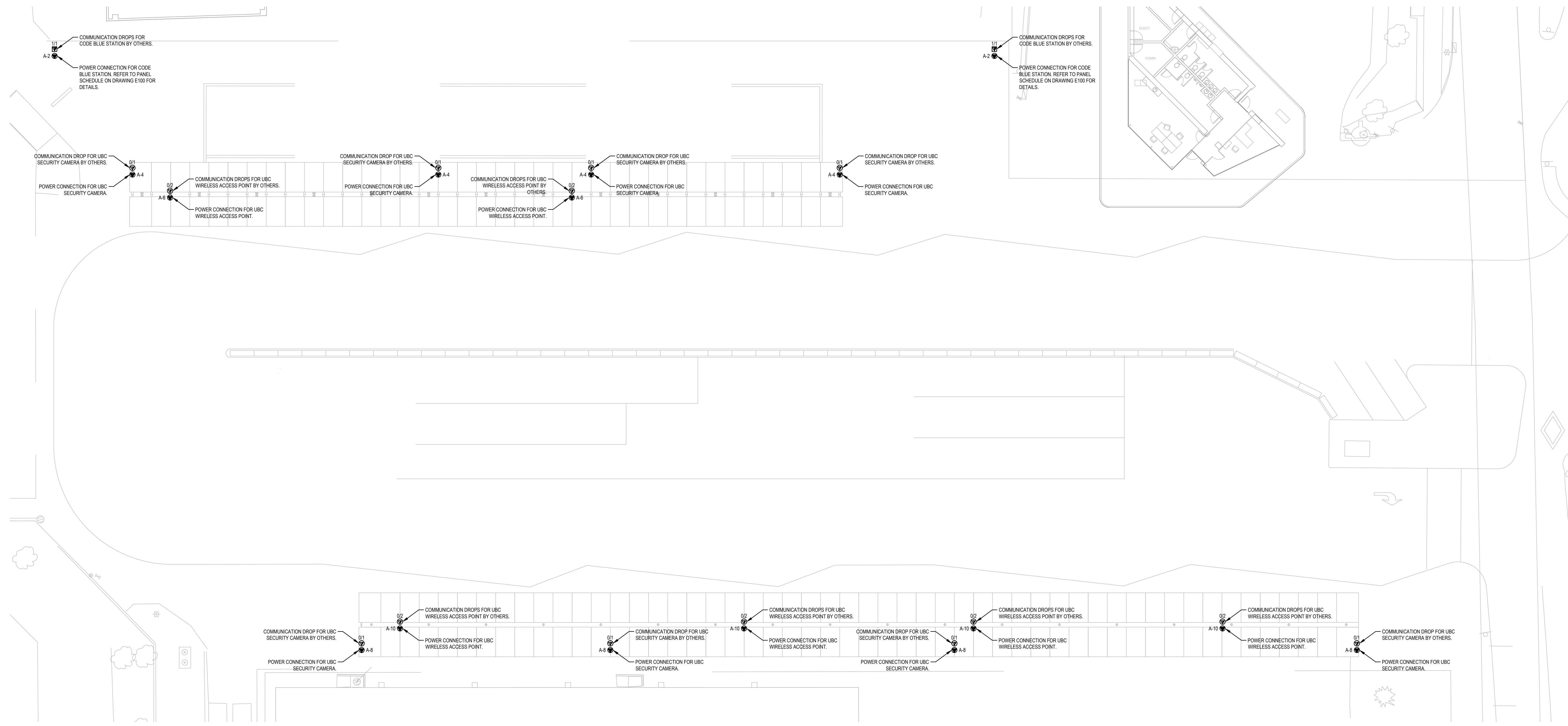
UBC GAGE SOUTH
TRANS LINK BUS EXCHANGE

LIGHTING PLAN - INTERIM

DRAWN: AS PROJECT NUMBER: 2-15-161 CHECKED: ER

E100





POWER & LOW TENSION PLAN - INTERIM
 1
 E200
 0 400 800 1200

- ISSUED FOR
- 2016-02-05 ISSUE FOR BID - INTERIM
 - 2016-03-09 ELECTRICAL ADDENDUM EAD01
 - 2016-04-22 ISSUED FOR PTA-1
 - 2016-04-22 IFC

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SYMBOL LEGEND

#TEL #DATA 	IN-GROUND COMMUNICATION STUB OUT
#TEL #DATA 	CEILING MOUNTED COMMUNICATION OUTLET
	DIRECT POWER CONNECTION

SYMBOL LEGEND
 2
 E200
 NTS

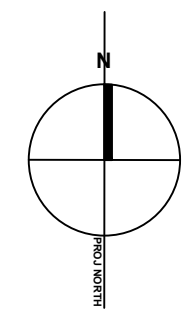
- GENERAL NOTES**
- ALL FEEDERS SHALL BE SIZED PROPERLY TO ACCOMMODATE VOLTAGE DROPS. CONTRACTOR SHALL PERFORM A VOLTAGE DROP CALCULATION BASED ON THE ACTUAL LENGTH OF CONDUITS INSTALLED ON SITE AND SIZE THE FEEDERS ACCORDINGLY.
 - COMMUNICATION DEMARCATION AND TERMINATION POINTS SHALL BE INSTALLED AS PER UBC TECHNICAL GUIDELINES.
 - UBC ACCESS SERVICES TO SUPPLY CODE BLUE STATION PRE-CAST BASES AND CONTRACTOR TO INSTALL CONTRACTOR TO COORDINATE WITH UBC ACCESS SERVICES FOR THE REQUIRED CONDUIT SIZE TO MATCH THE PRE-CAST BASES.

SEAL

**UBC GAGE SOUTH
 TRANSLINK BUS EXCHANGE**

**POWER & LOW
 TENSION PLAN -
 INTERIM**
 DRAWN: AS CHECKED: ER
 PROJECT NUMBER: 2-15-161

E200



ELECTRICAL SPECIFICATION

Table with 2 columns: Item Number and Description. Contains detailed electrical specifications for general requirements, drawings, materials, shop drawings, and various systems like lighting and communications.

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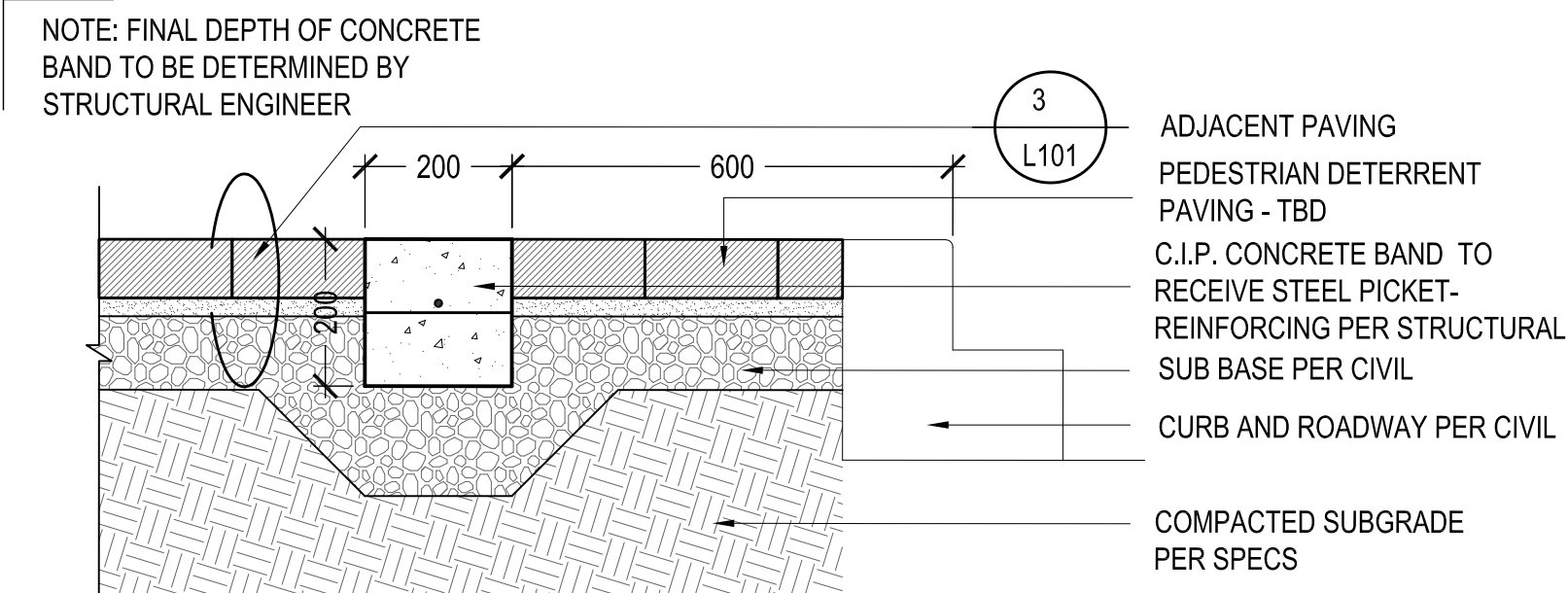


SEAL []

UBC GAGE SOUTH TRANSLINK BUS EXCHANGE

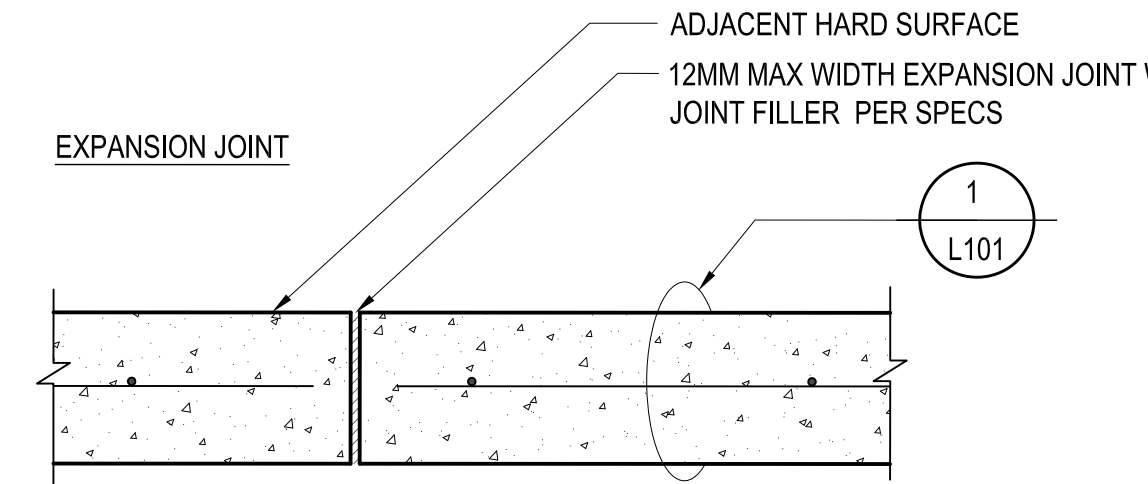
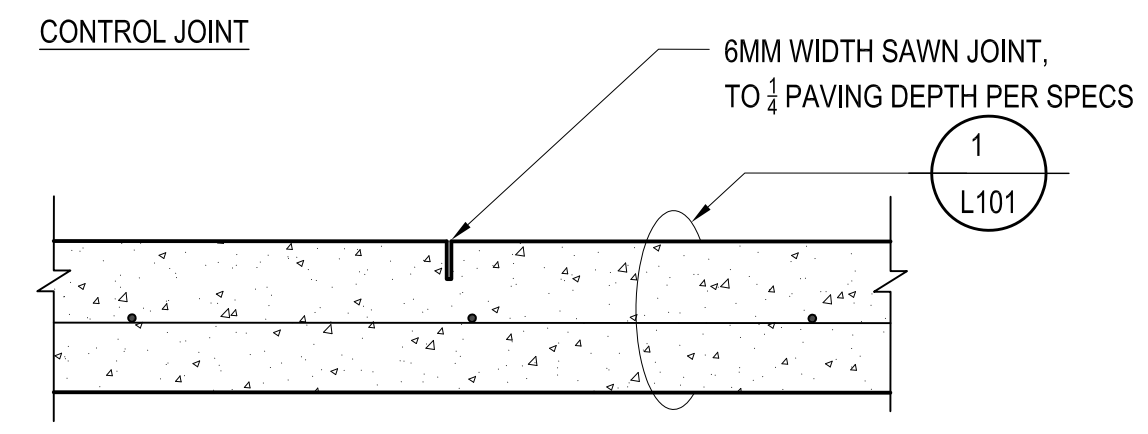
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E500



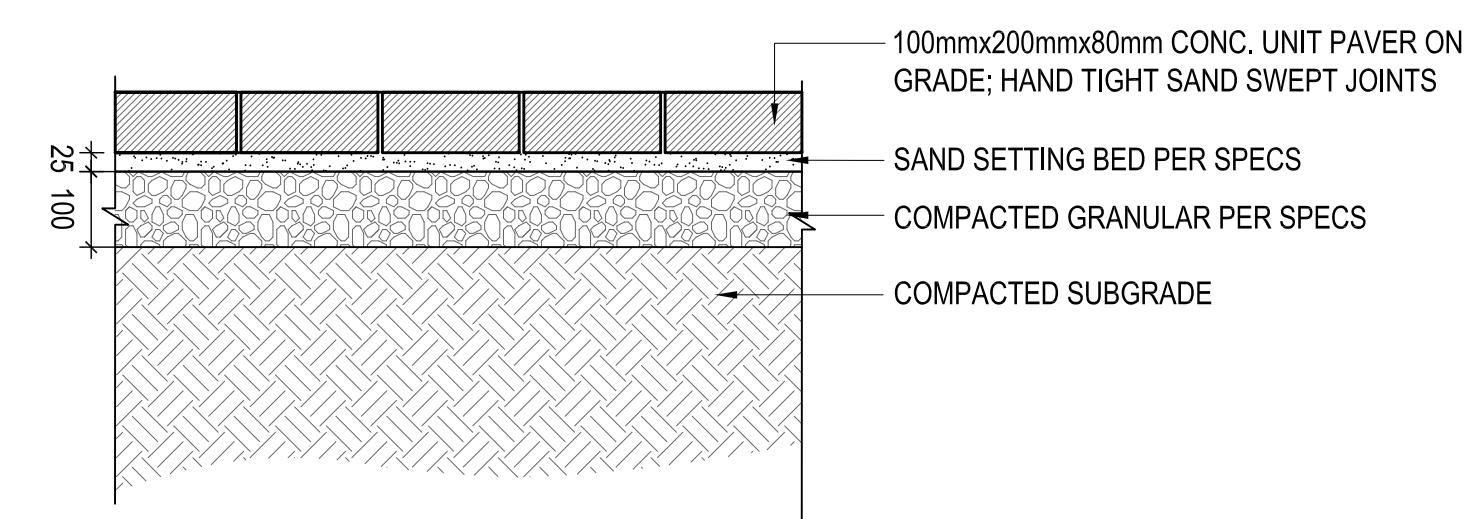
1 CIP CONCRETE BAND

L101 SCALE: 1:10



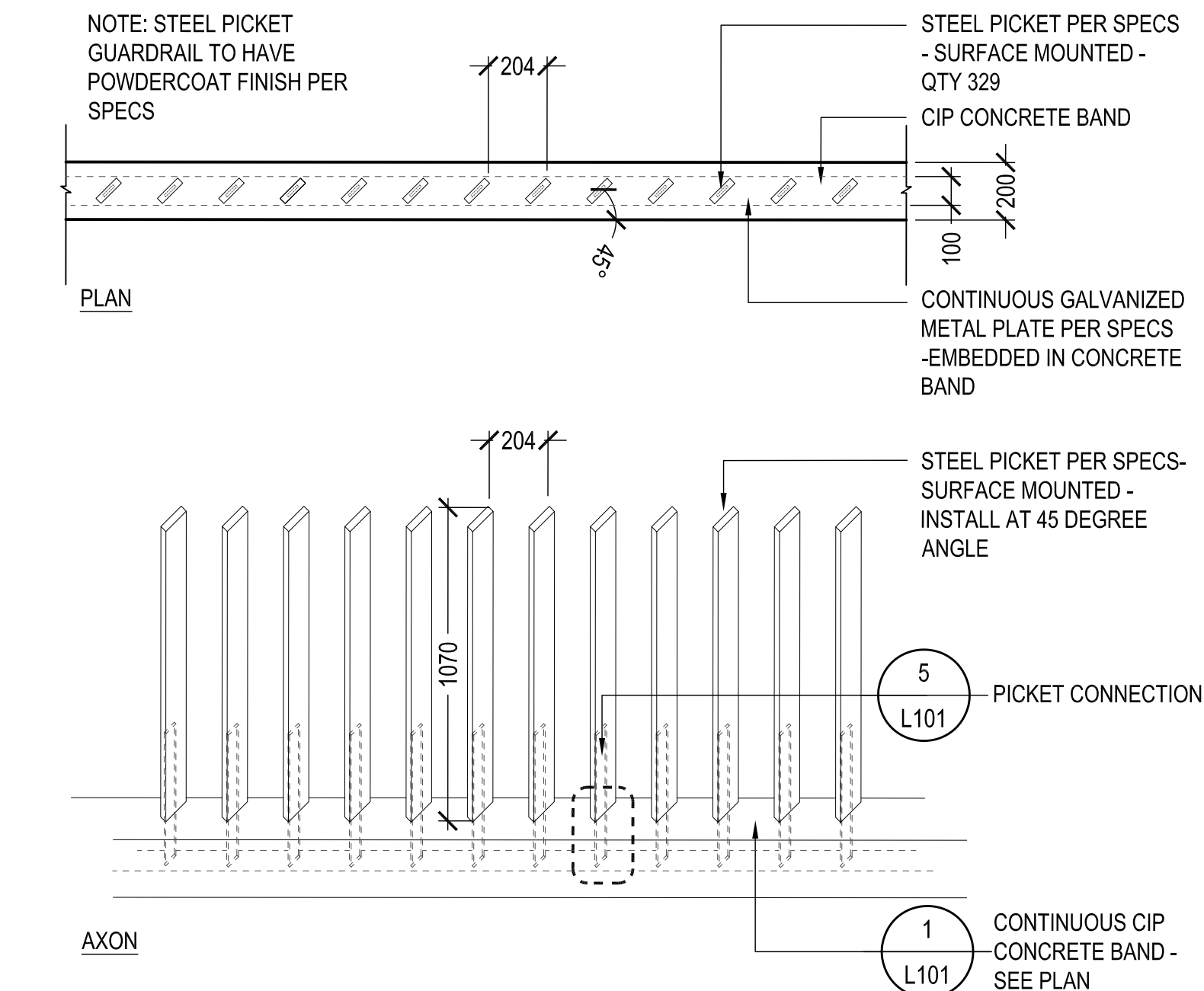
2 TYPICAL JOINTS

L101 SCALE: 1:10



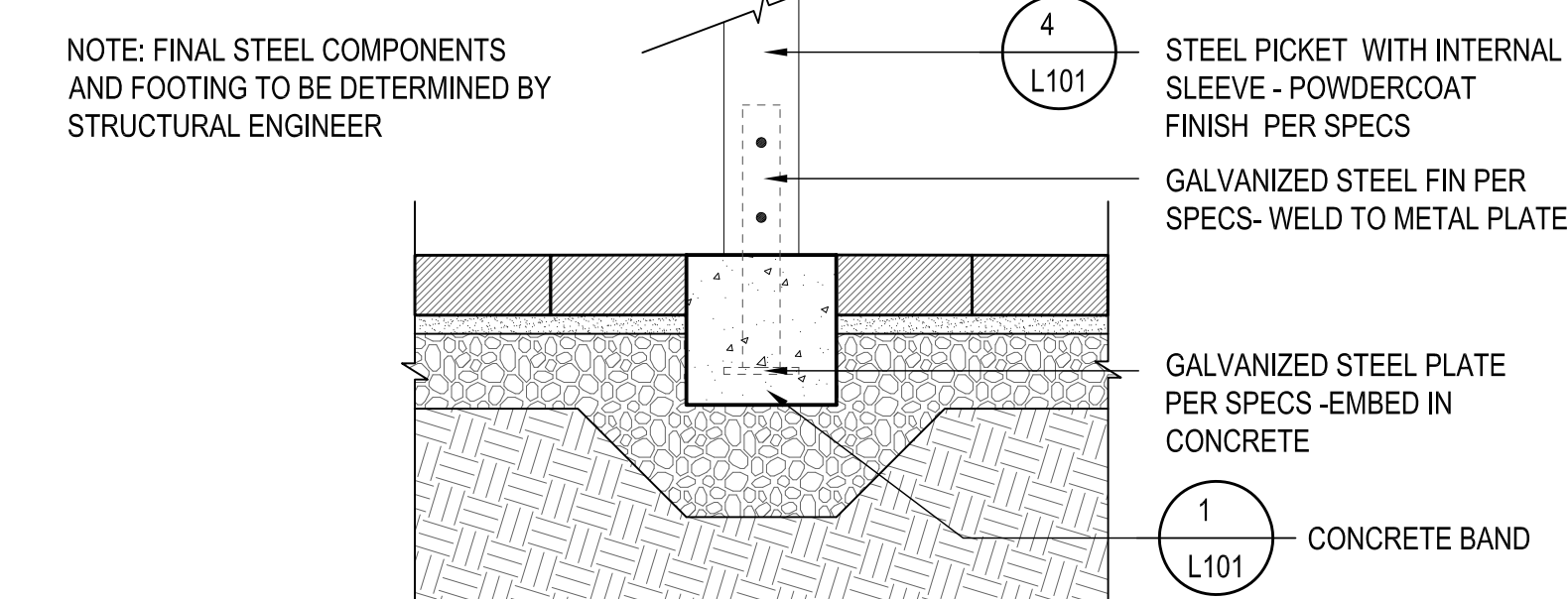
3 CONCRETE UNIT PAVER

L101 SCALE: 1:10



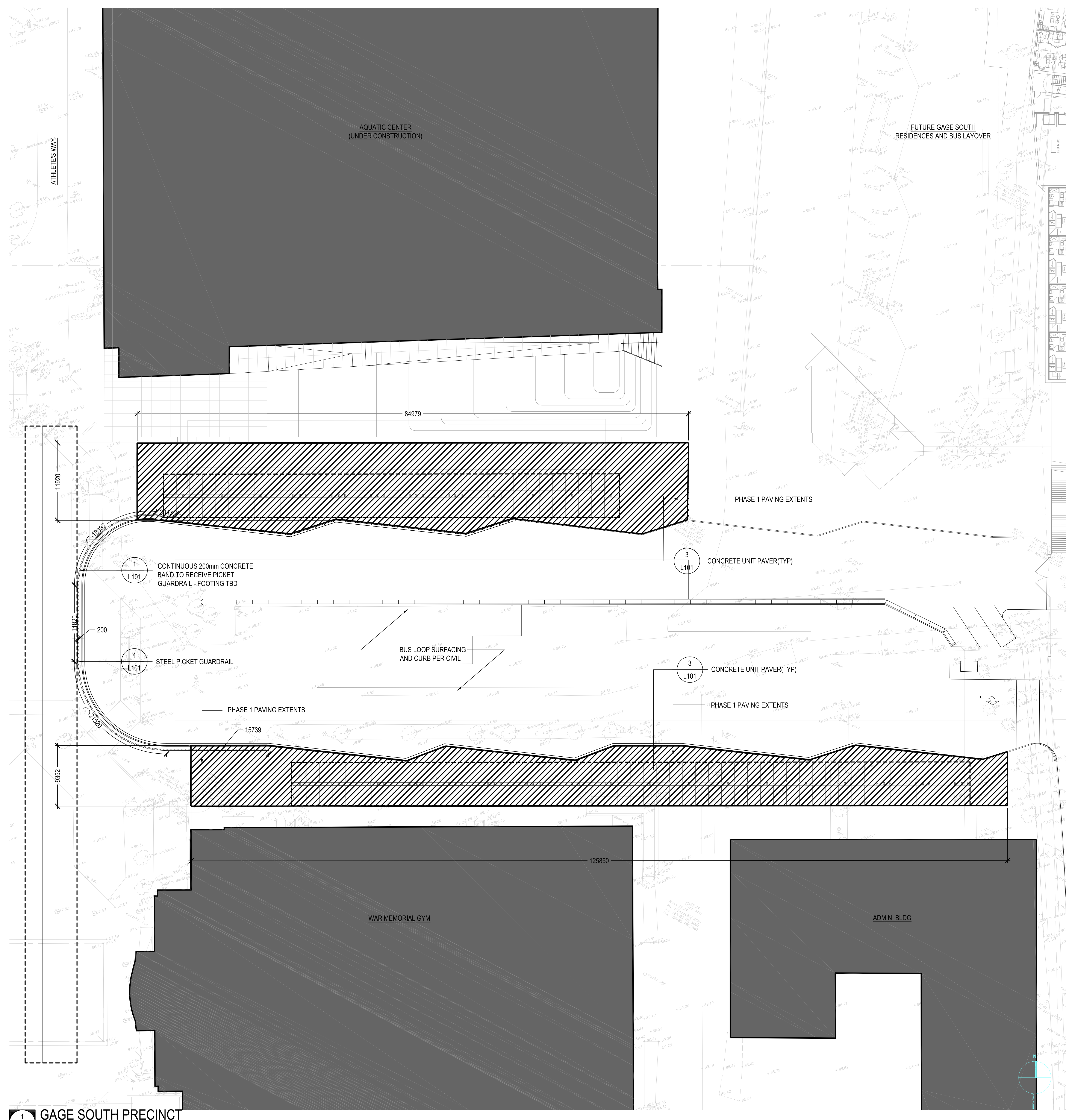
4 STEEL PICKET GUARDRAIL

L101 SCALE: 1:10



5 STEEL PICKET CONNECTION

L101 SCALE: 1:10



1 GAGE SOUTH PRECINCT

L101 SCALE: 1:250

- ISSUED FOR:
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 - 2016-02-12 ISSUE FOR BID ADDENDUM R1
 - 2016-04-22 IFC

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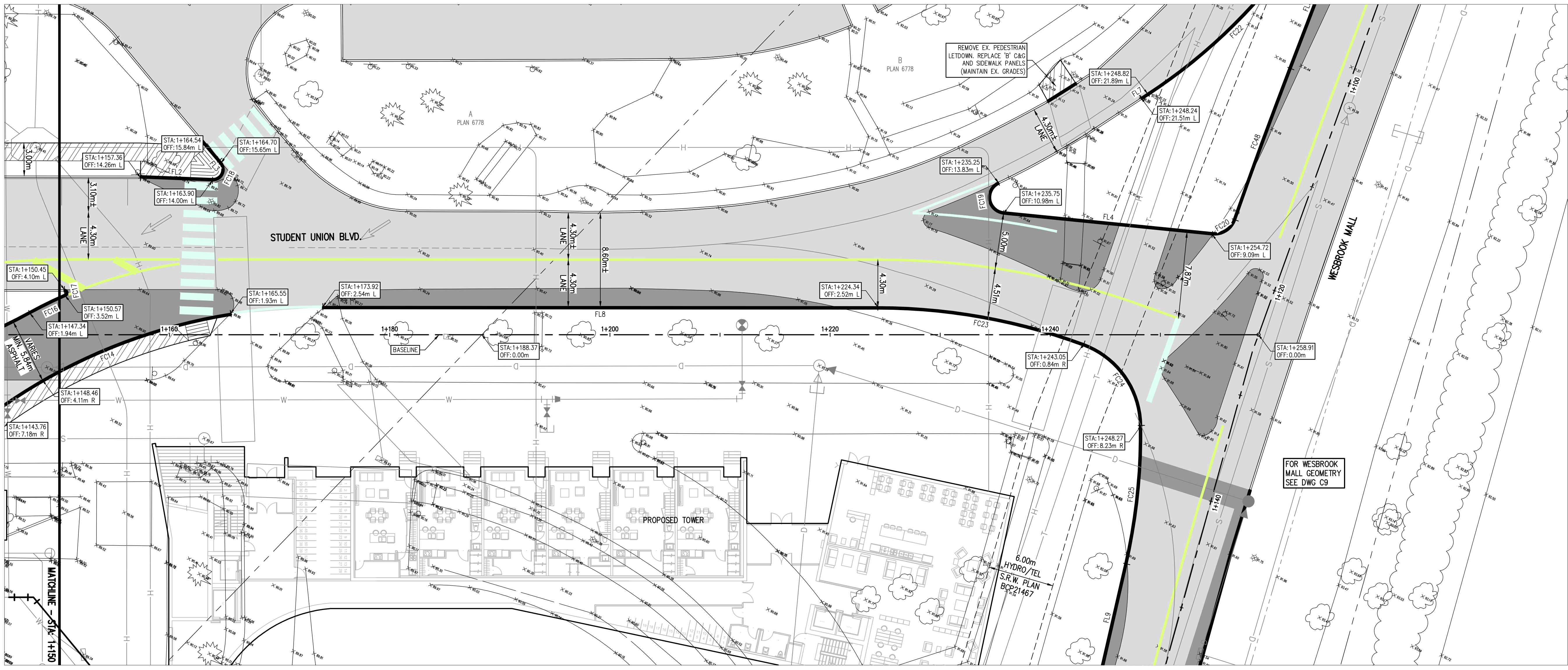
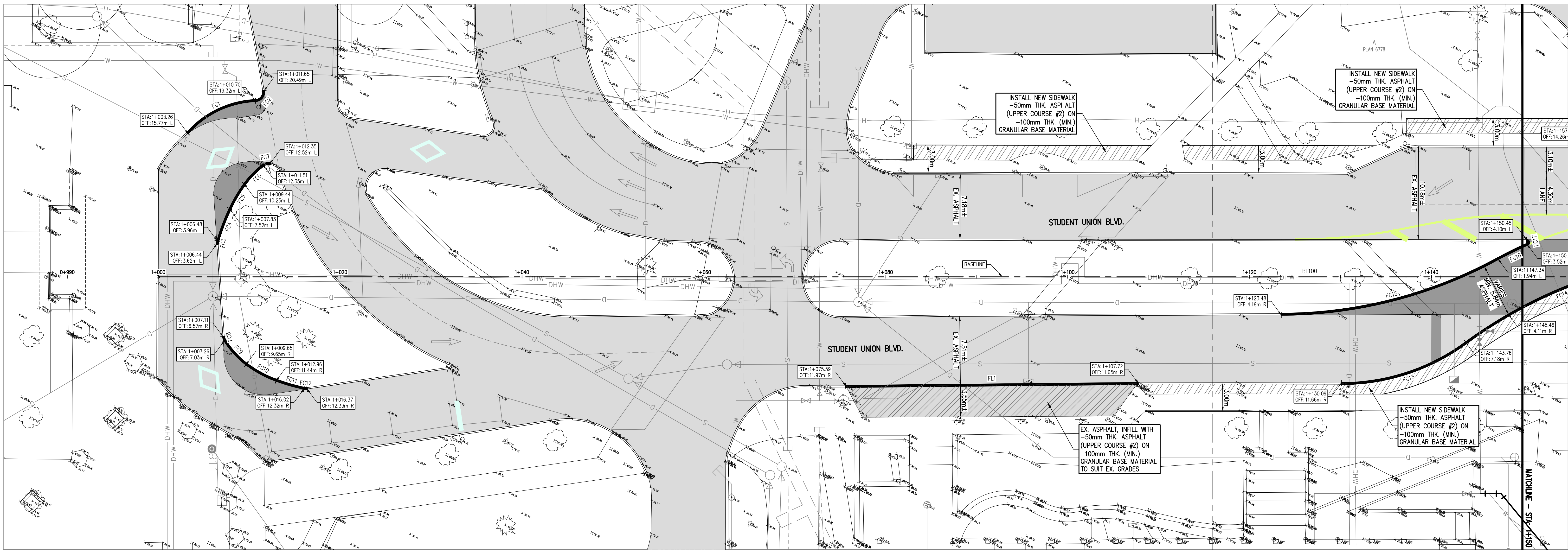
UBC GAGE SOUTH

PHASE 1 LANDSCAPE

DRAWN: NST CHECKED: RD

L101

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LEGEND

- EXISTING ROAD ASPHALT
- PROPOSED ROAD ASPHALT
- PROPOSED ASPHALT SIDEWALK
- EXISTING CURB (TO REMOVE)
- PROPOSED 150mm TEMP. ASPHALT CURB
- STA: STATION @ BASELINE
- OFF: OFFSET OFF BASELINE

- GENERAL NOTES:**
1. FOR NOTES AND DETAILS SEE DWG C3.
 2. FOR DEMOLITION PLANS SEE DWG C2.
 3. FOR STUDENT UNION BLVD. GRADING SEE DWG C6.
 4. FOR STUDENT UNION BLVD. SECTIONS SEE DWG. C7 & C8.
 5. CALL BC ONE—CALL 24 HOURS PRIOR TO CONSTRUCTION.
 6. TOPOGRAPHIC SURVEY FOR THIS SITE PROVIDED BY MURRAY AND ASSOCIATES LAND SURVEYORS.
 7. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH OTHER CIVIL AND OTHER DISCIPLINE'S DRAWINGS.

CURVE TABLE (FACE OF CURB)

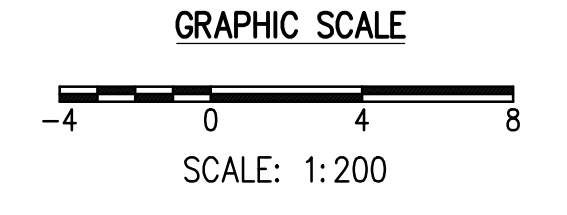
CURVE	DELTA	RADIUS	ARC
FC1	46°04'43"	10.54	8.48
FC2	97°22'28"	1.00	1.70
FC3	19°47'12"	1.00	0.35
FC4	9°09'24"	23.84	3.81
FC5	10°17'09"	17.66	3.17
FC6	16°32'33"	10.25	2.96
FC7	50°34'51"	1.00	0.88
FC8	28°00'37"	1.00	0.49
FC9	20°30'06"	9.94	3.57
FC10	16°51'15"	12.81	3.77
FC11	8°54'34"	20.53	3.19
FC12	19°52'27"	1.00	0.35
FC13	36°25'33"	23.00	14.62
FC14	27°19'41"	50.00	23.85
FC15	28°31'25"	50.00	24.89
FC16	5°08'35"	40.00	3.59
FC17	156°32'19"	0.30	0.82
FC18	132°22'28"	1.00	2.31
FC19	148°44'59"	1.50	3.89
FC20	76°21'59"	2.00	2.67
FC22	21°37'32"	50.00	18.87
FC23	20°16'31"	54.00	19.11
FC24	68°56'24"	8.00	9.82
FC25	13°42'44"	53.00	12.68
FC48	1°38'56"	508.70	14.64

LINE TABLE (FACE OF CURB)

LINE	BEARING	DISTANCE
FL1	N61°20'09"E	32.14
FL2	N64°10'13"E	6.54
FL3	N68°12'13"W	0.25
FL4	N67°36'39"E	19.08
FL5	N7°06'24"W	11.67
FL7	S28°42'45"W	0.69
FL8	N61°56'37"E	50.41
FL9	S15°11'43"E	26.54

LINE TABLE (ROAD BASELINE)

LINE	BEARING	DISTANCE
BL100	N61°54'44"E	258.91



UBC Gage South

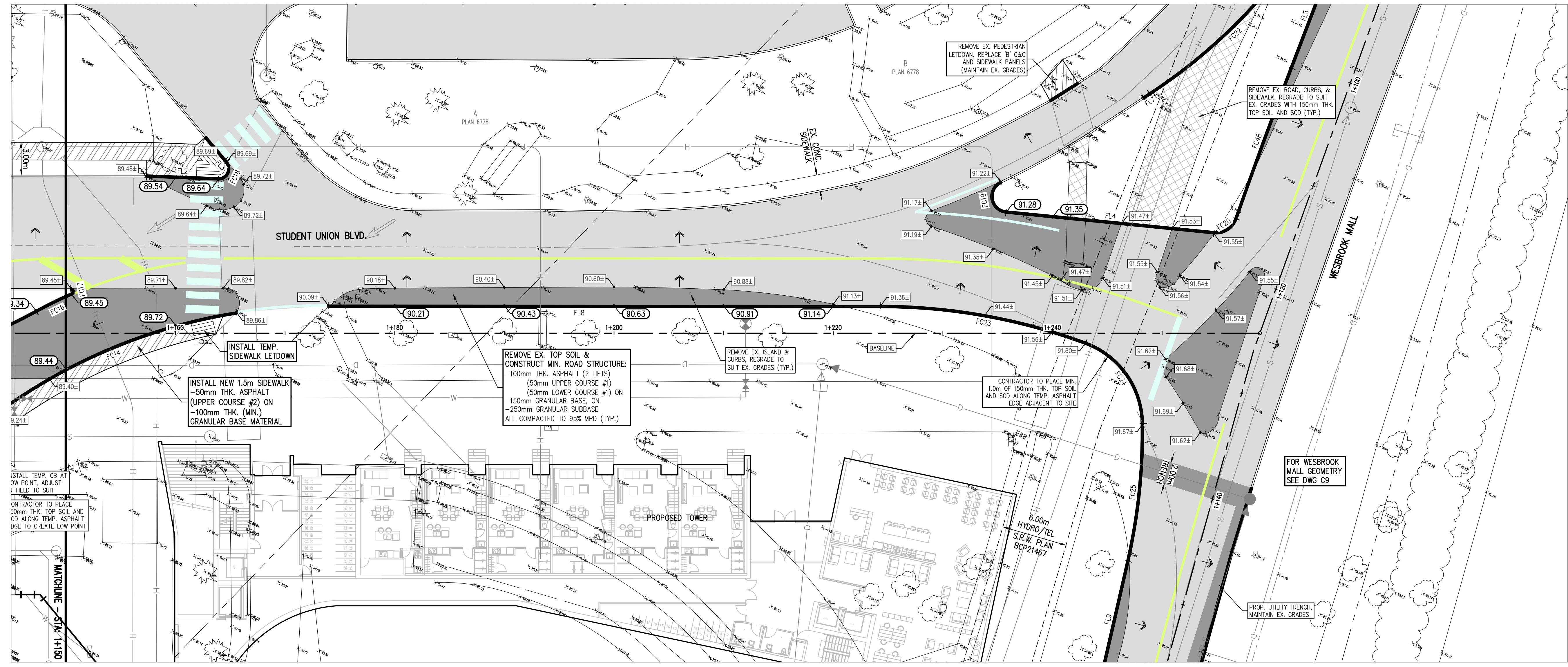
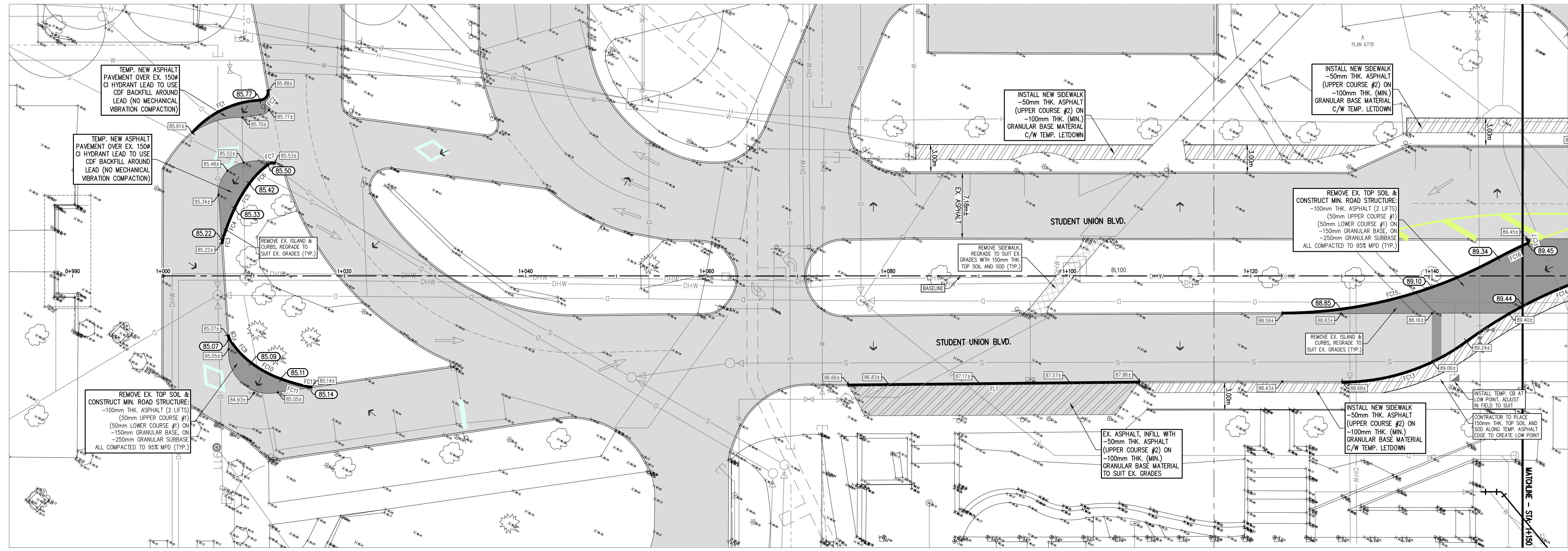
Civil Design
 PAVING - GEOMETRY
 STUDENT UNION BLVD.

DRAWN: BC CHECKED: CN

C5

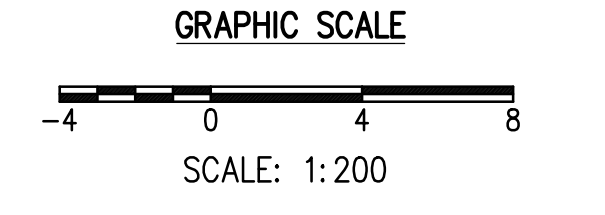
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- LEGEND
EXISTING ROAD ASPHALT
PROPOSED ROAD ASPHALT
EXISTING STRUCTURE TO BE REMOVED AND REPLACED W/ TOPSOIL
PROPOSED ASPHALT SIDEWALK
EXISTING CURB (TO REMAIN)
PROPOSED 150mm TEMP. ASPHALT CURB
EXISTING ELEVATION
PROPOSED ELEVATION

- GENERAL NOTES:
1. FOR NOTES AND DETAILS SEE DWG C3.
2. FOR DEMOLITION PLANS SEE DWG C2.
3. FOR STUDENT UNION BLVD. GEOMETRY SEE DWG C5.
4. FOR STUDENT UNION BLVD. SECTIONS SEE DWG. C7 & C8.
5. CALL BC ONE-CALL 24 HOURS PRIOR TO CONSTRUCTION.
6. TOPOGRAPHIC SURVEY FOR THIS SITE PROVIDED BY MURRAY AND ASSOCIATES LAND SURVEYORS.
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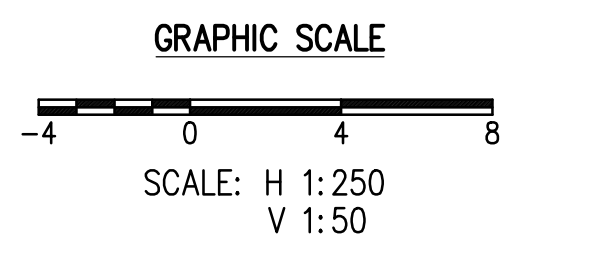
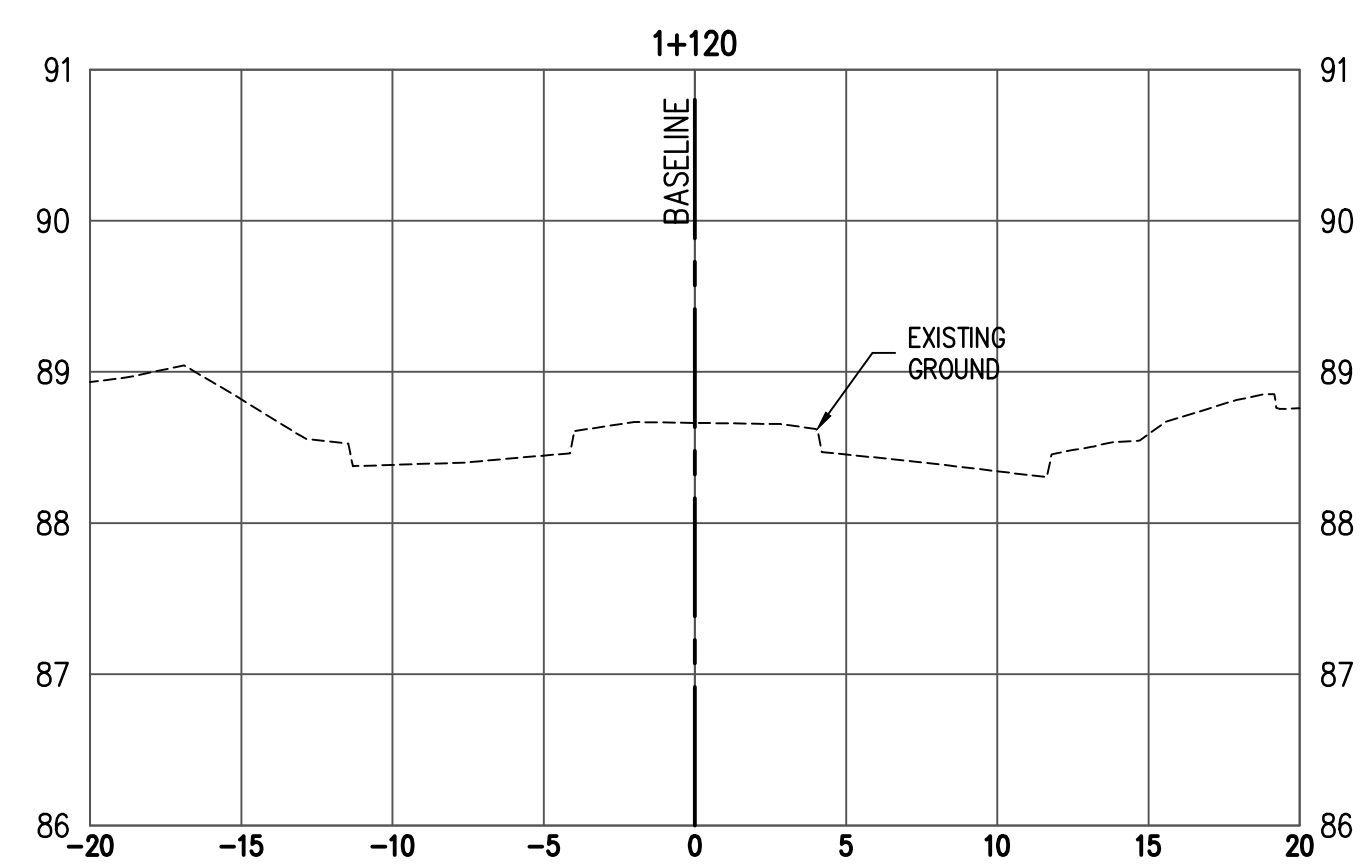
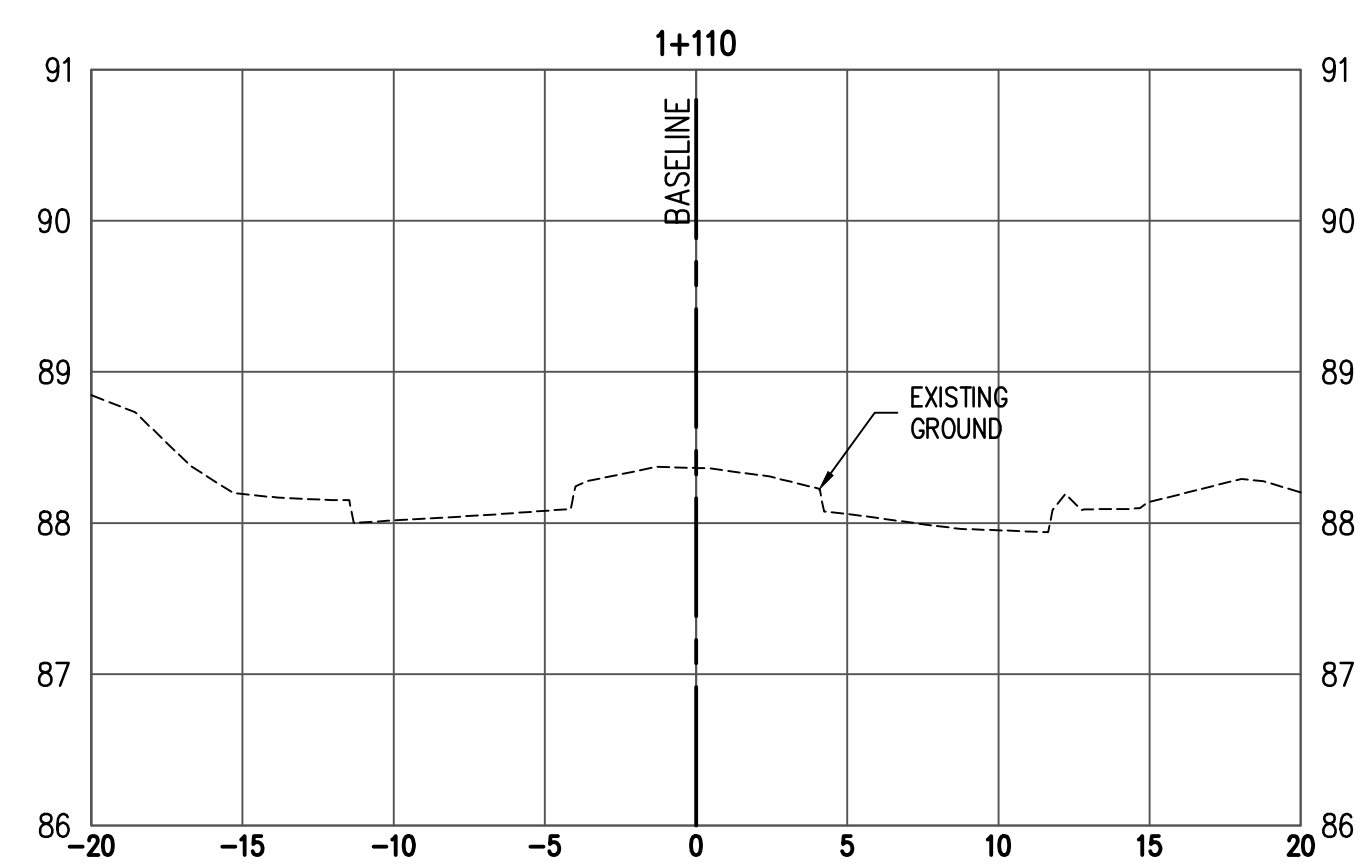
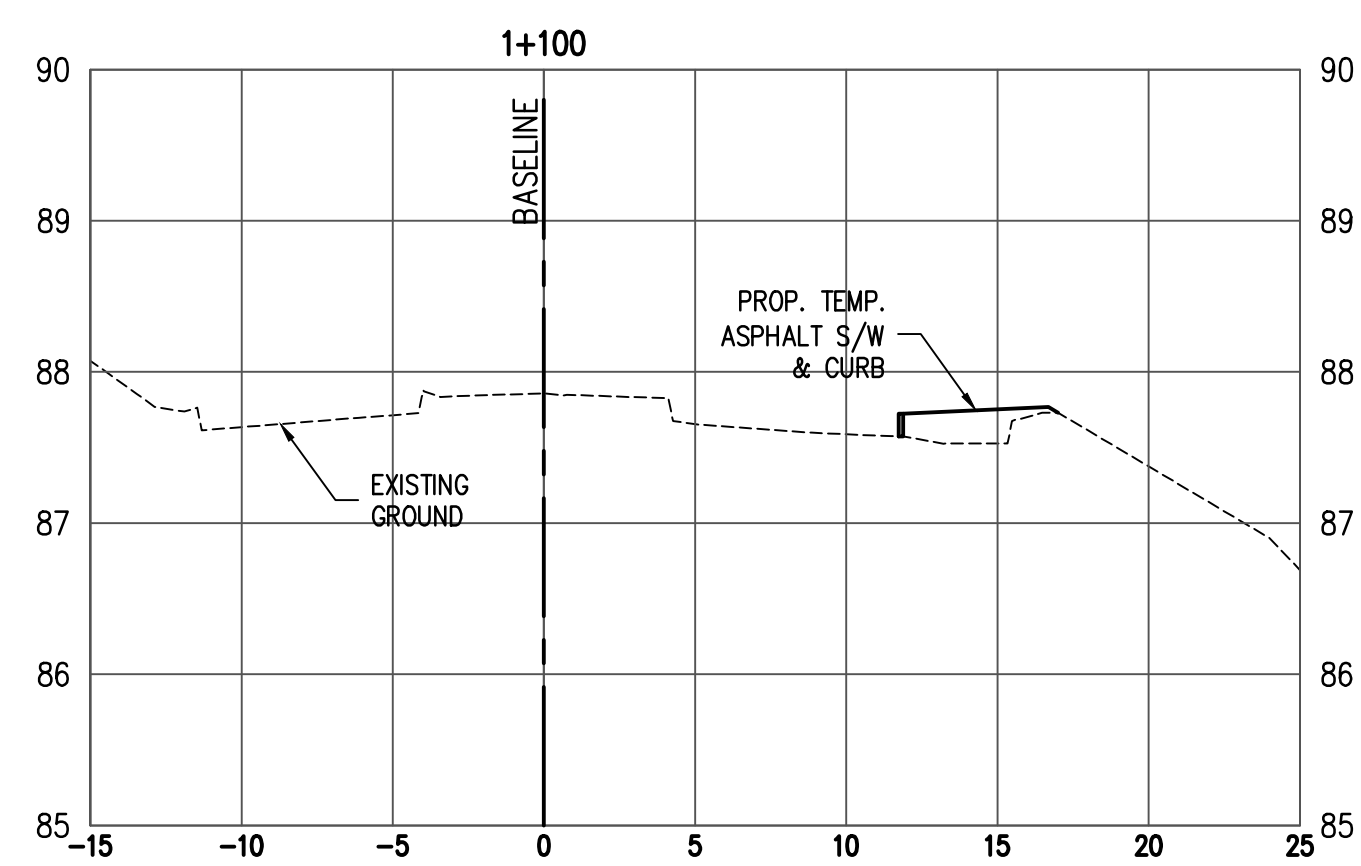
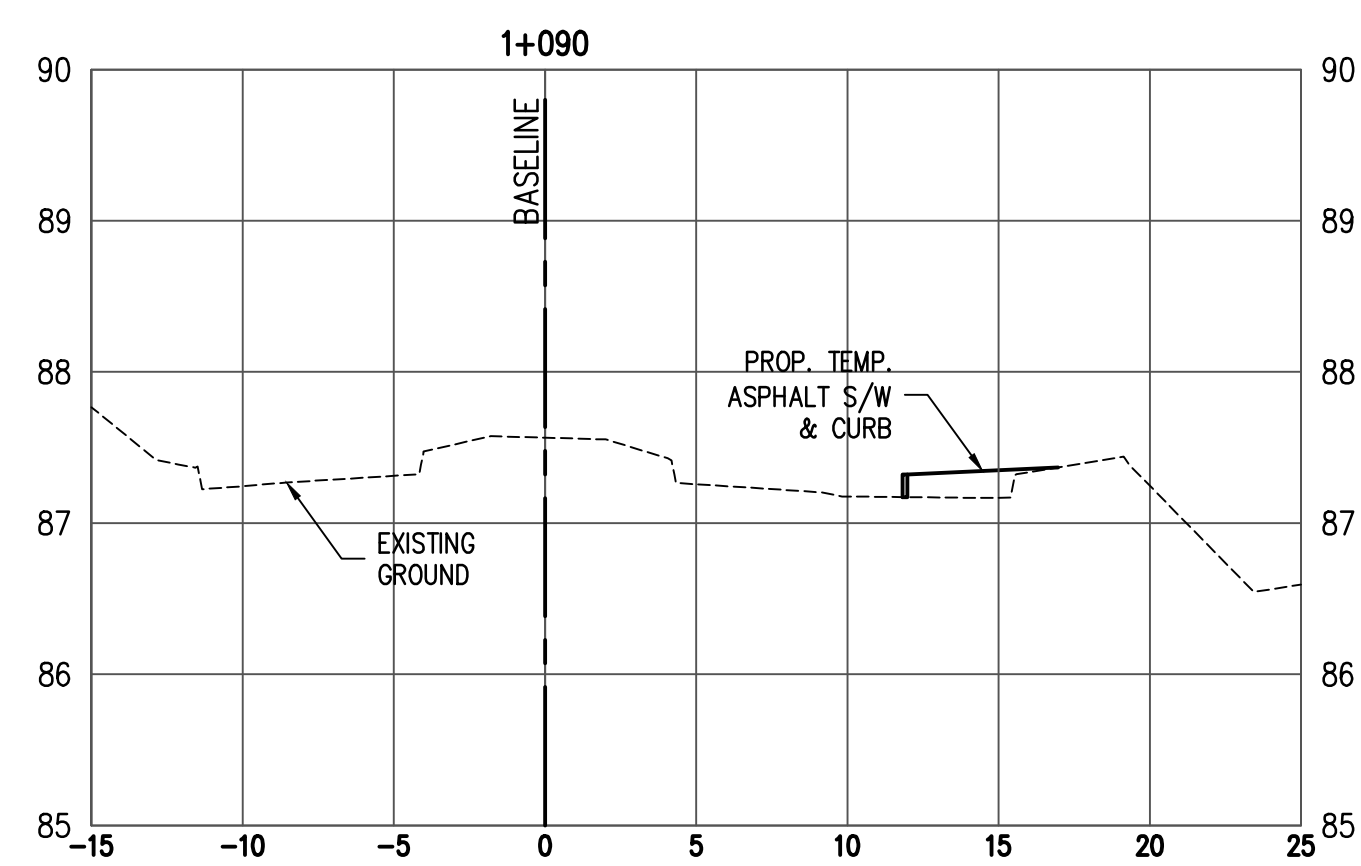
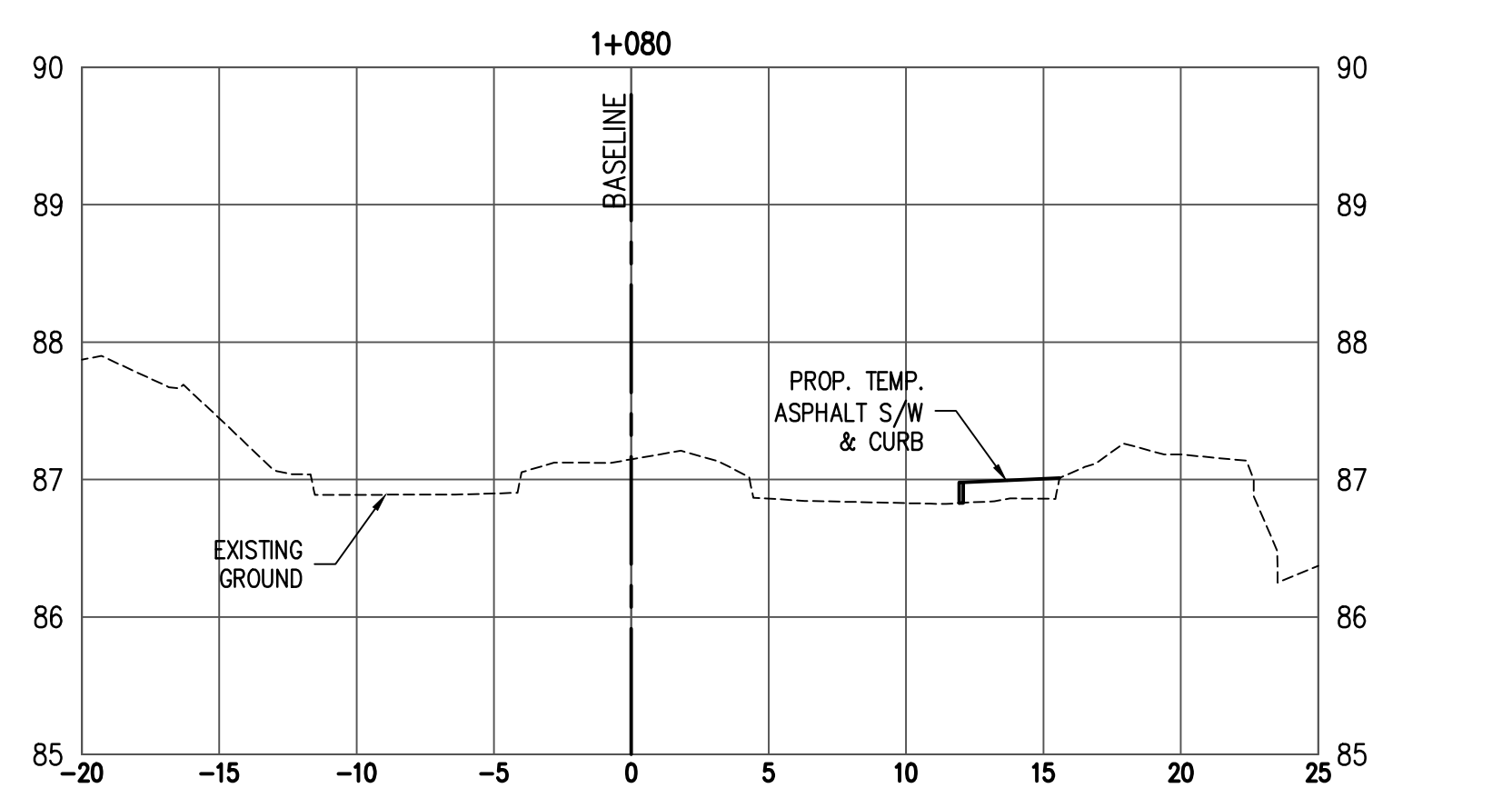
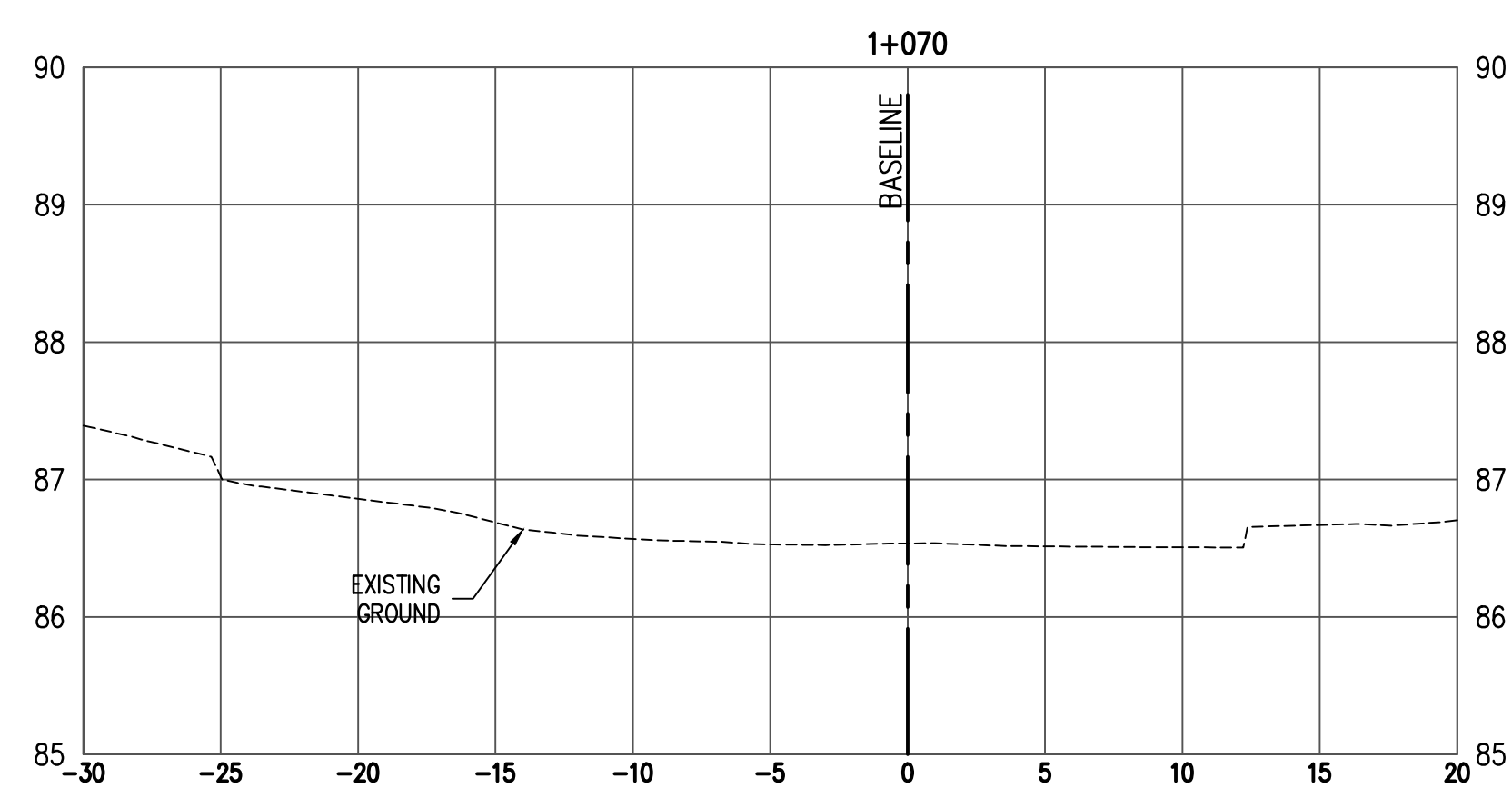
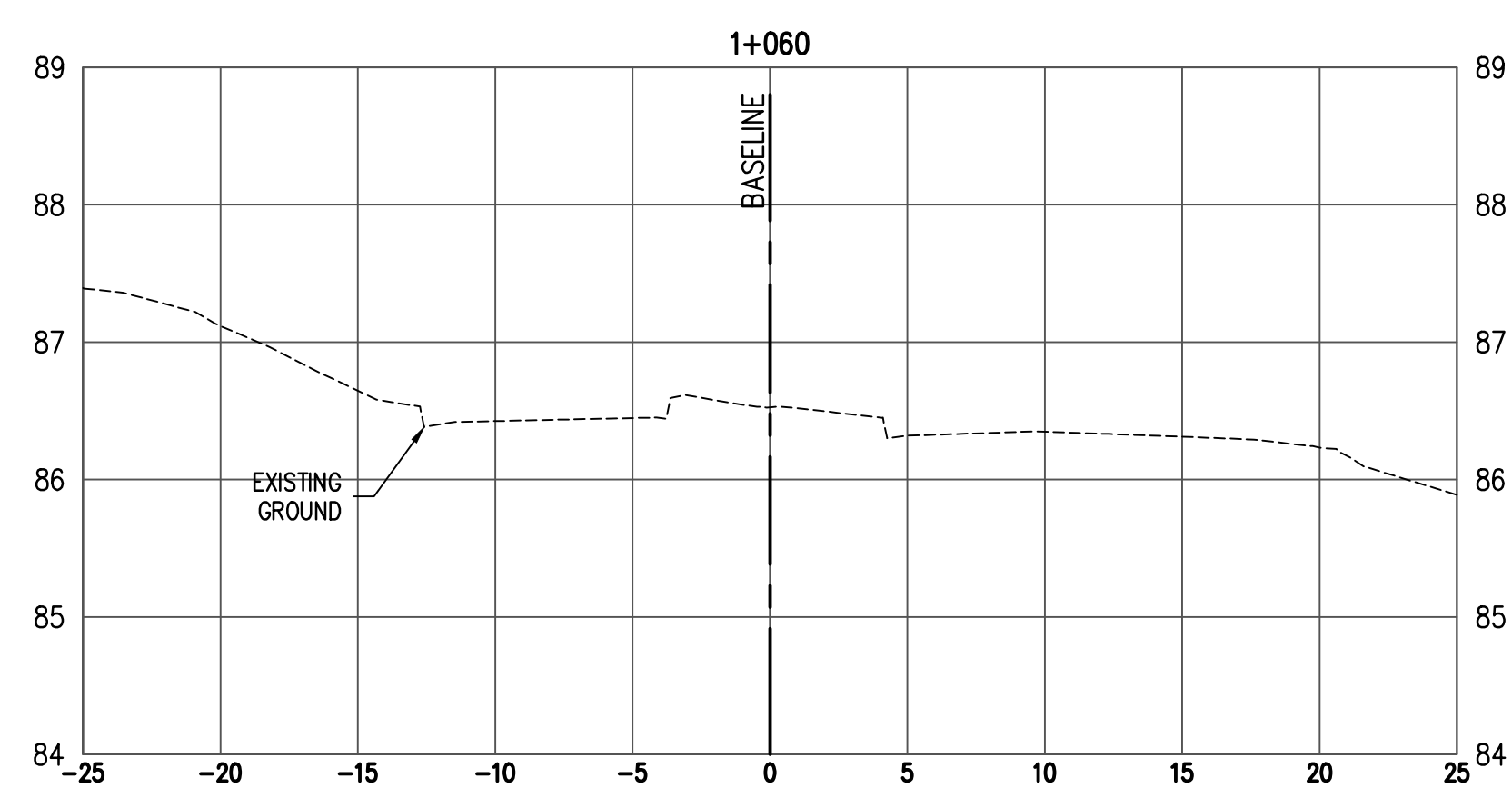
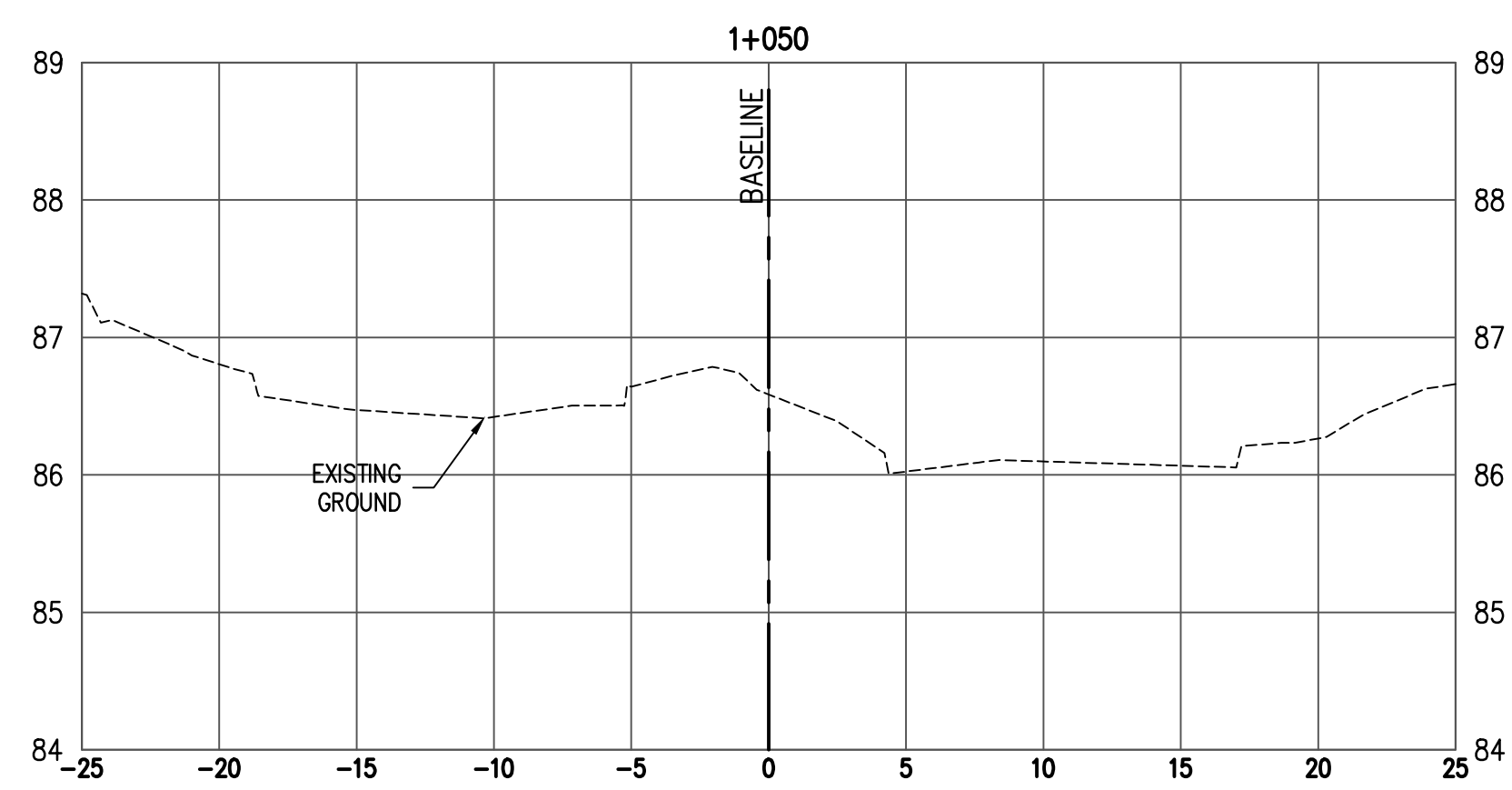
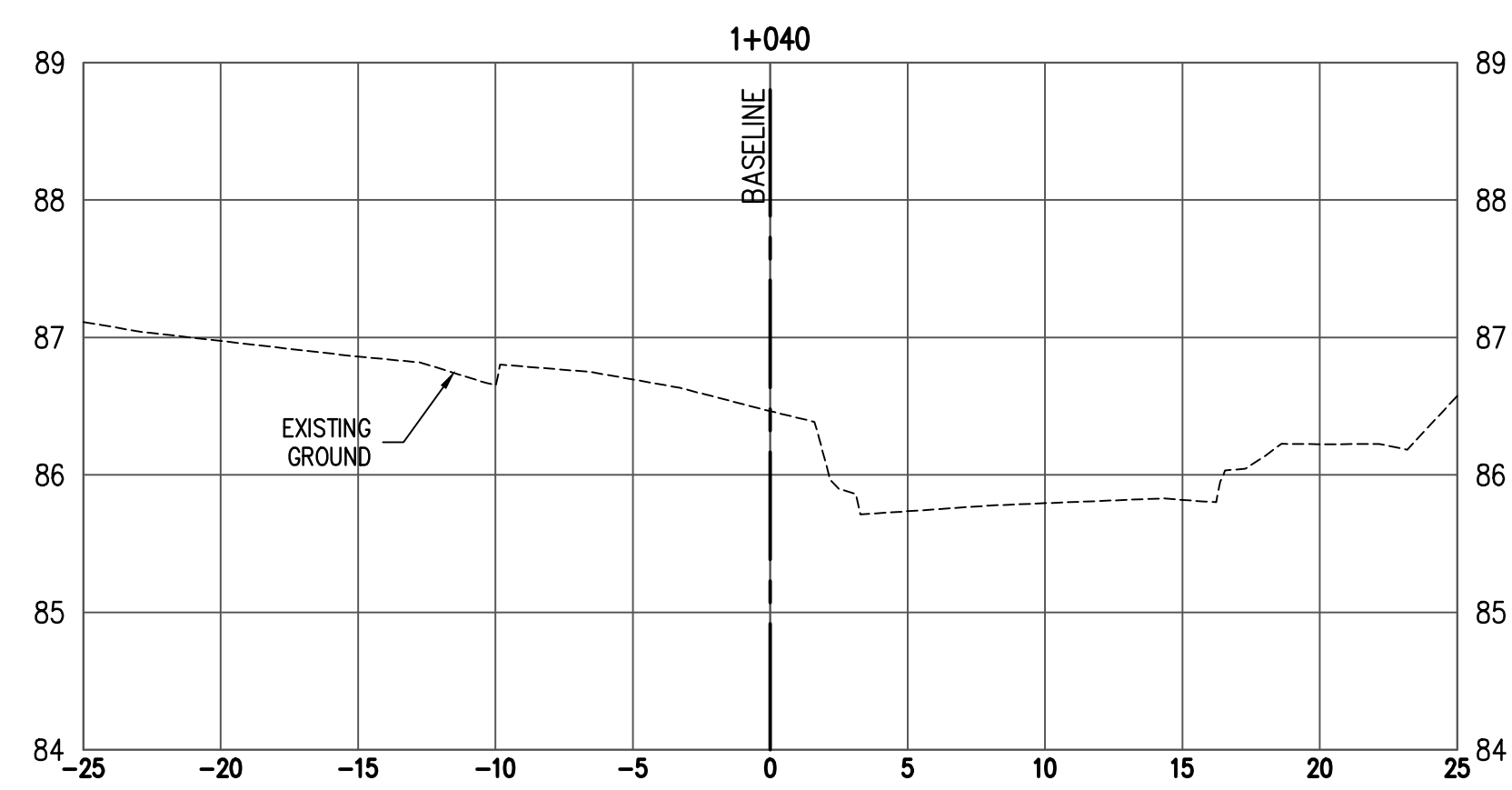
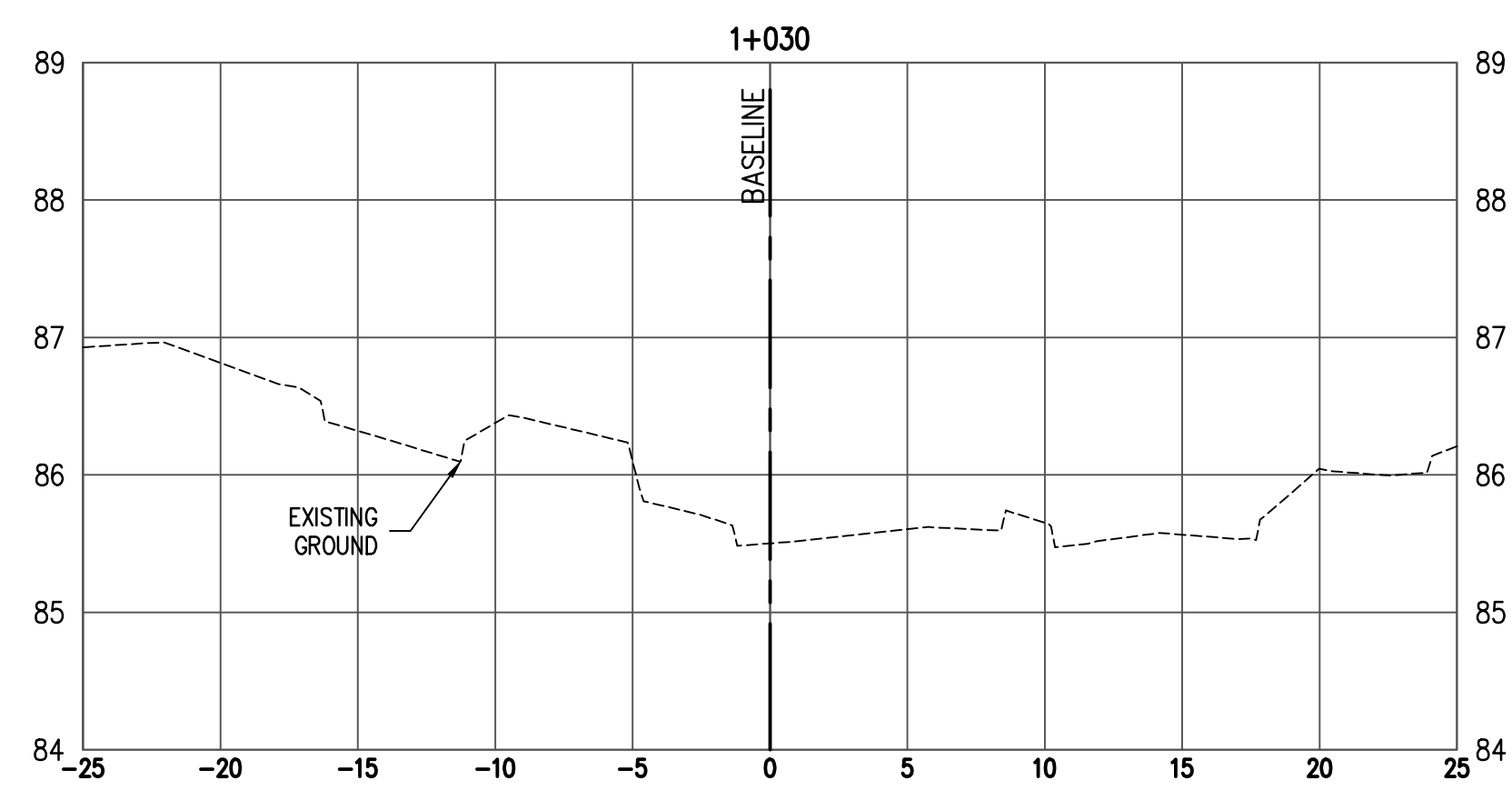
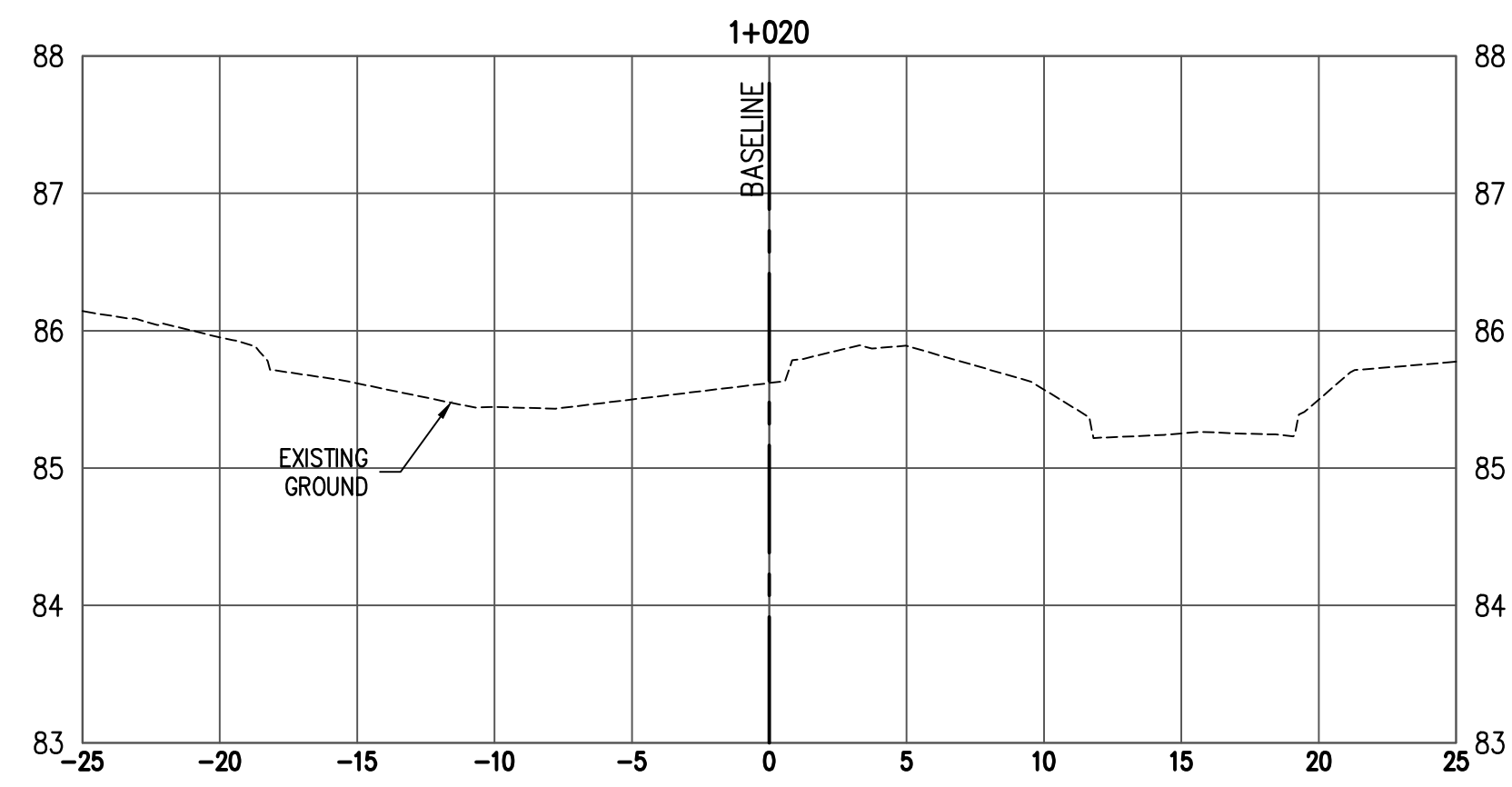
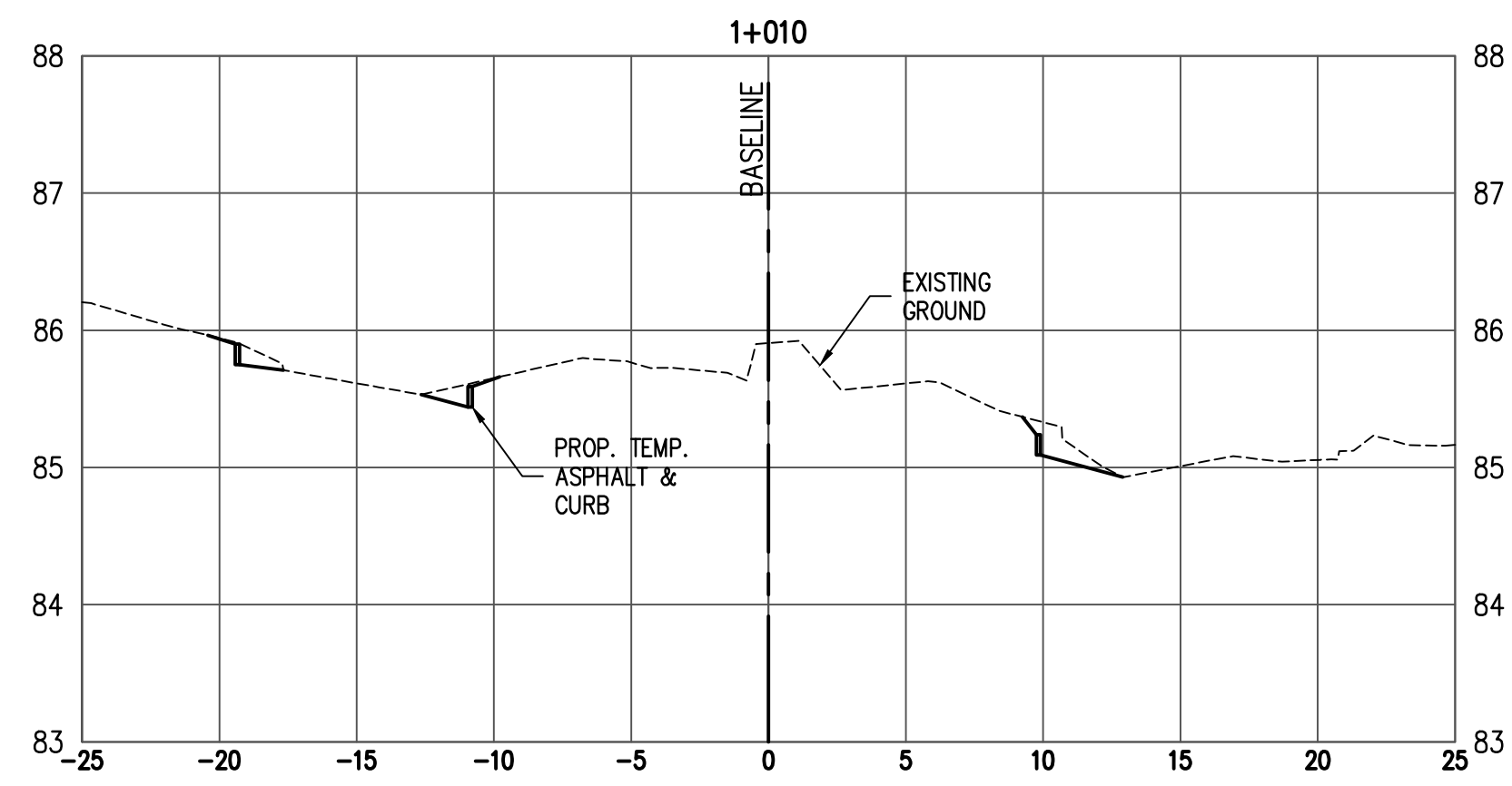
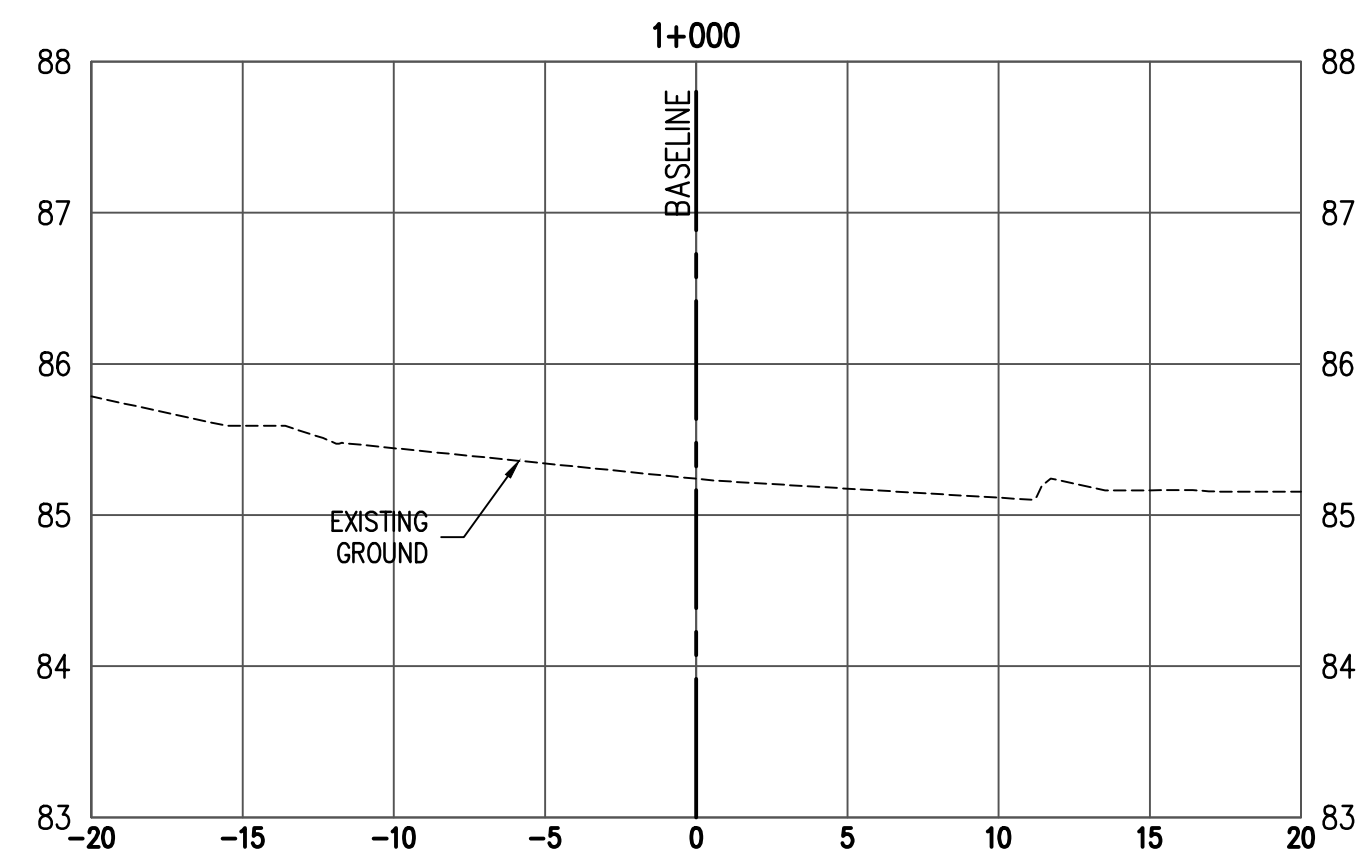


UBC Gage South

Civil Design PAVING - GRADING STUDENT UNION BLVD.

C6

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SEAL

UBC Gage South

Civil Design
CROSS SECTIONS
STUDENT UNION BLVD.

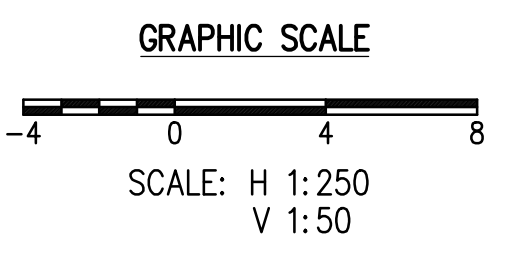
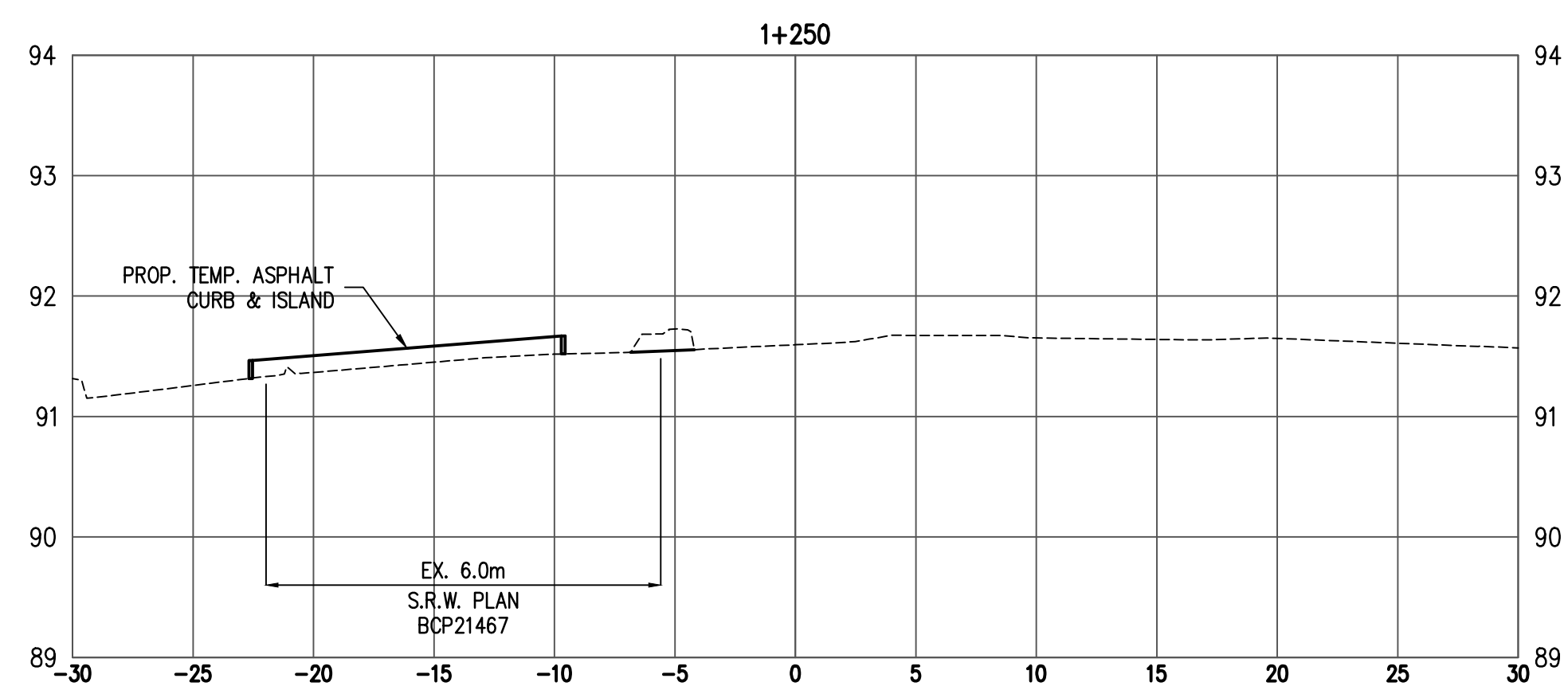
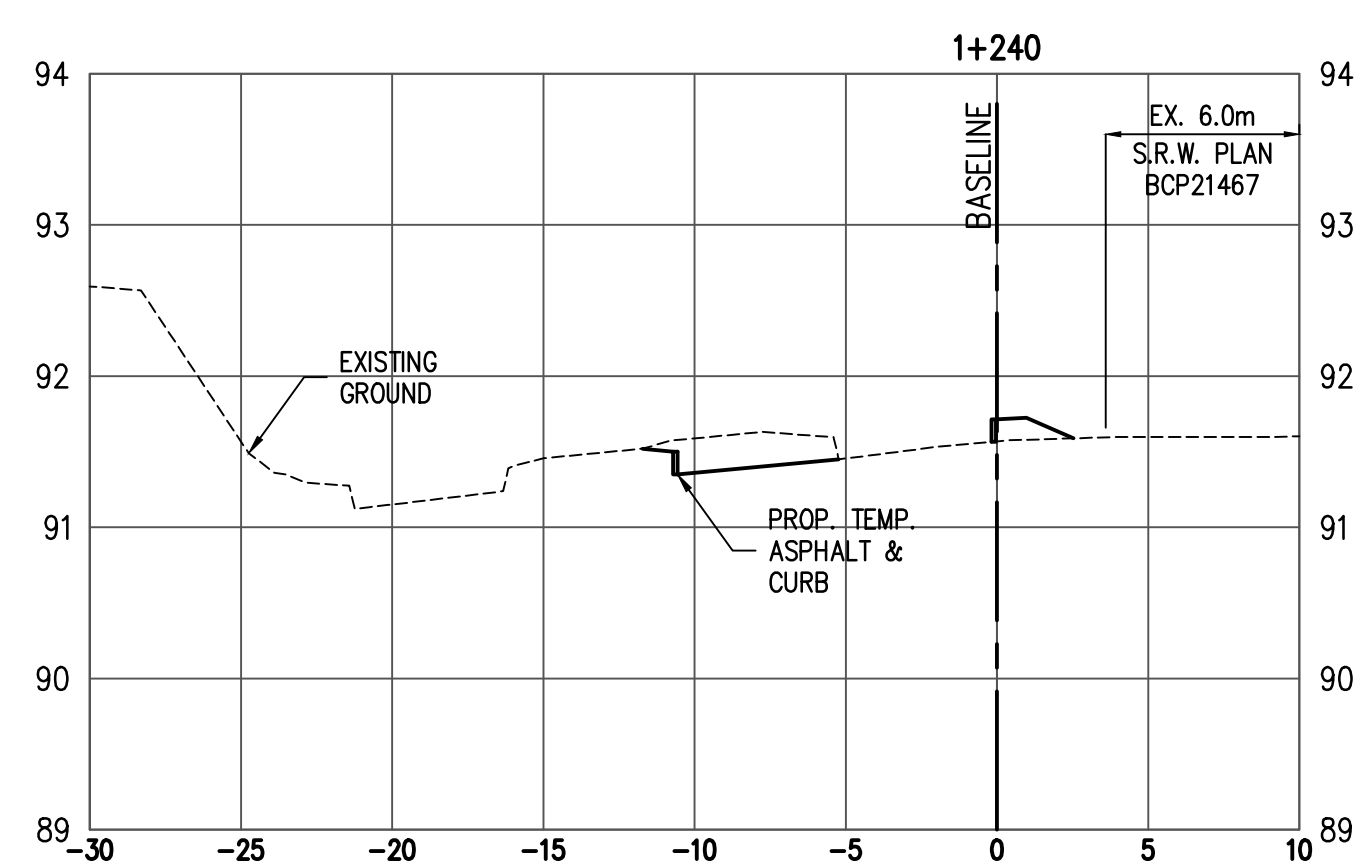
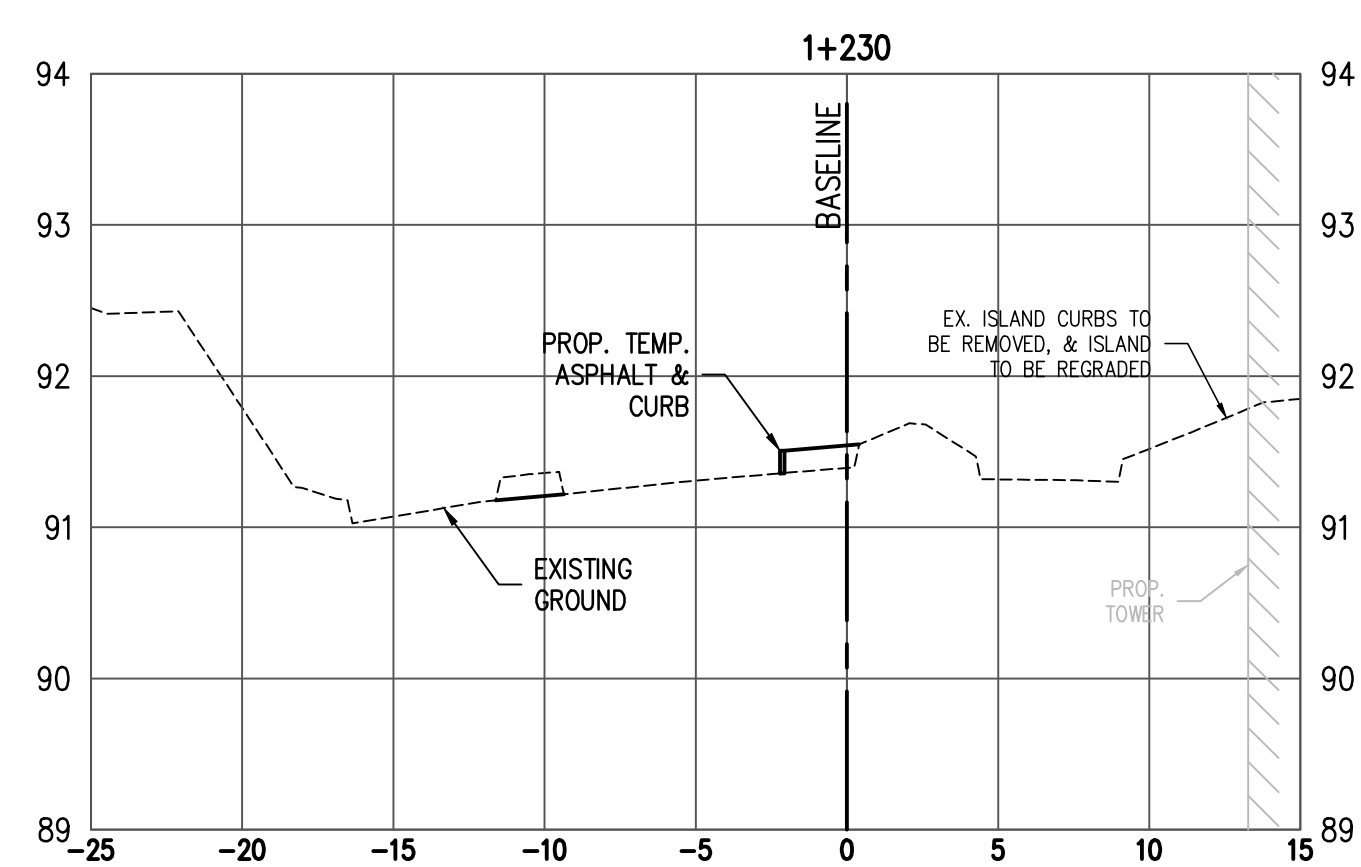
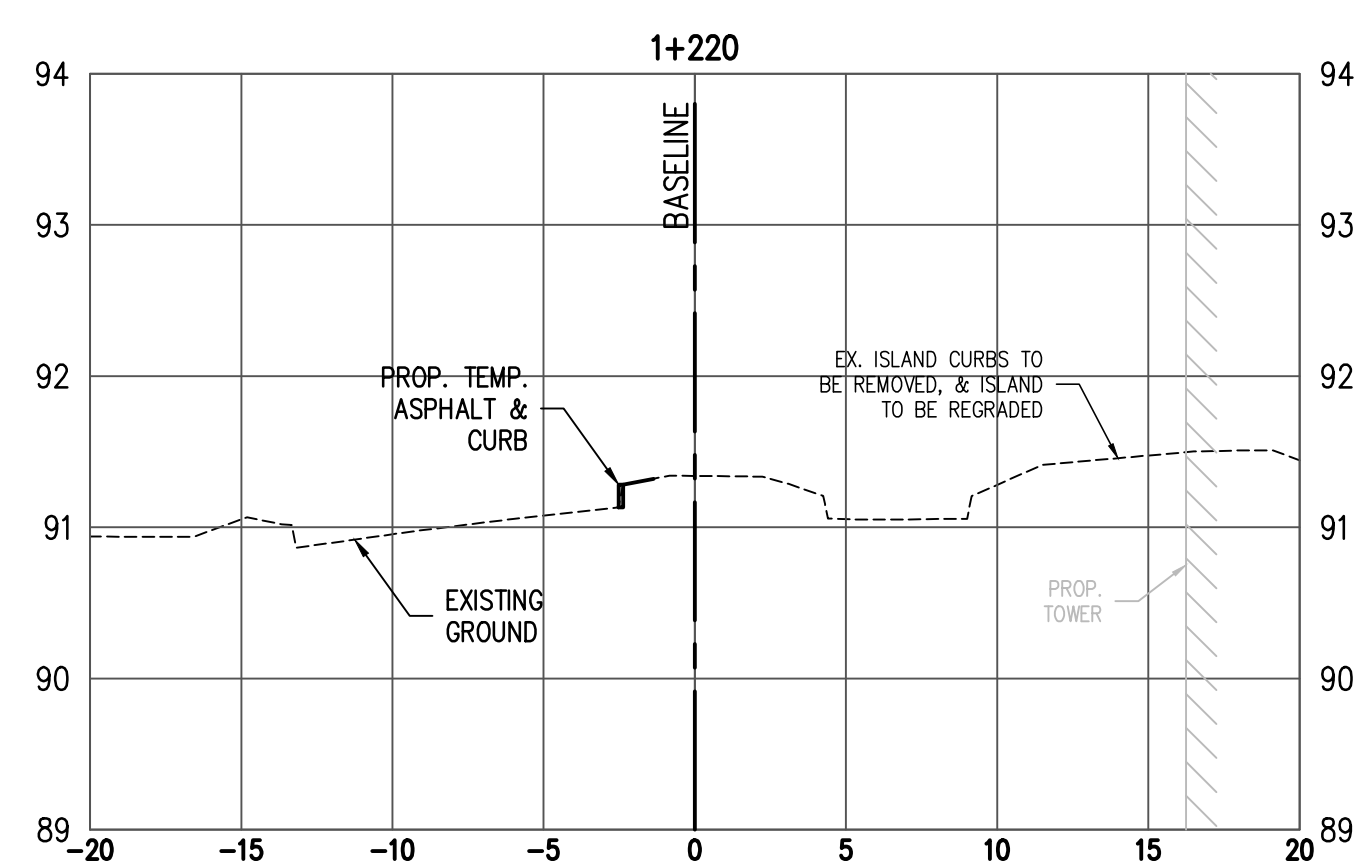
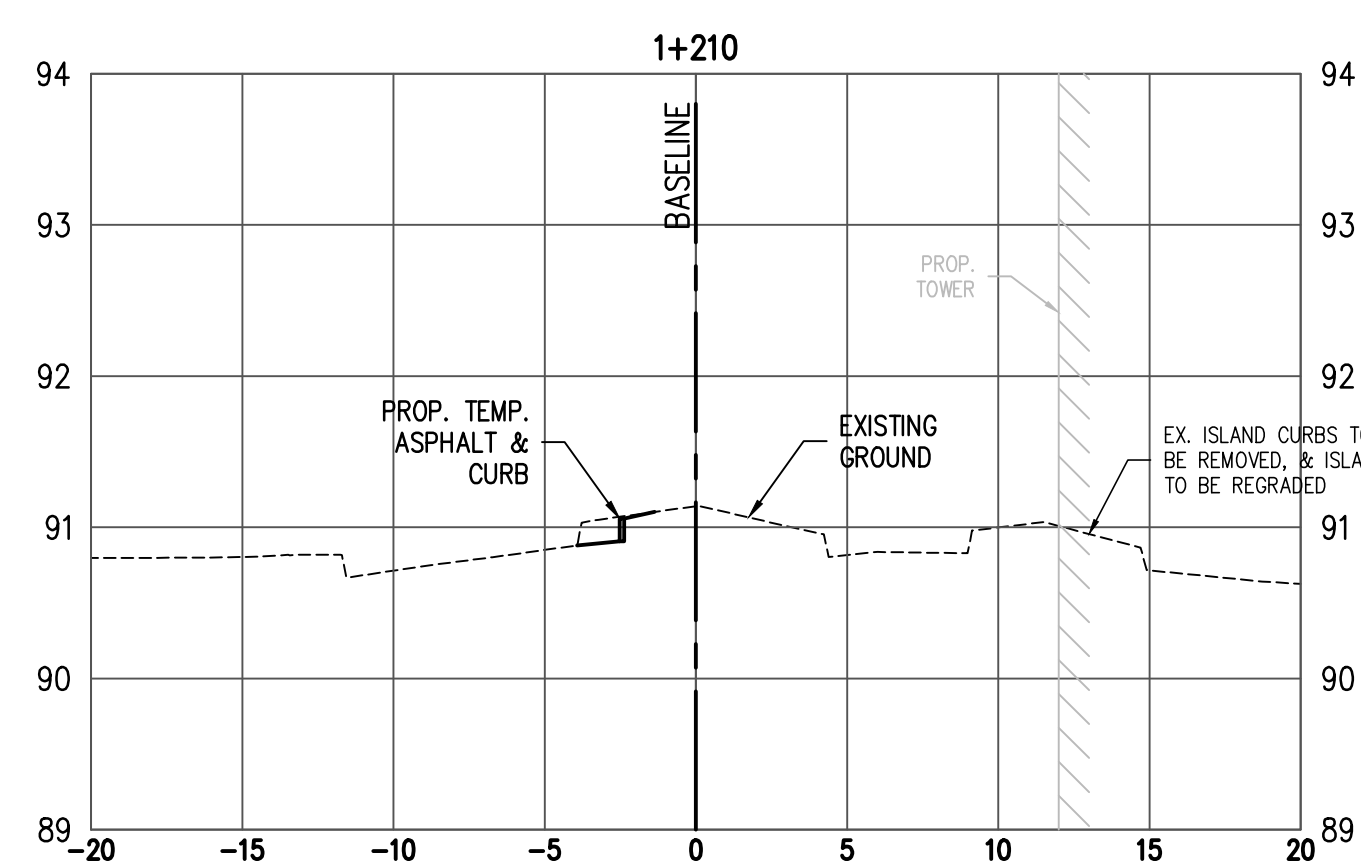
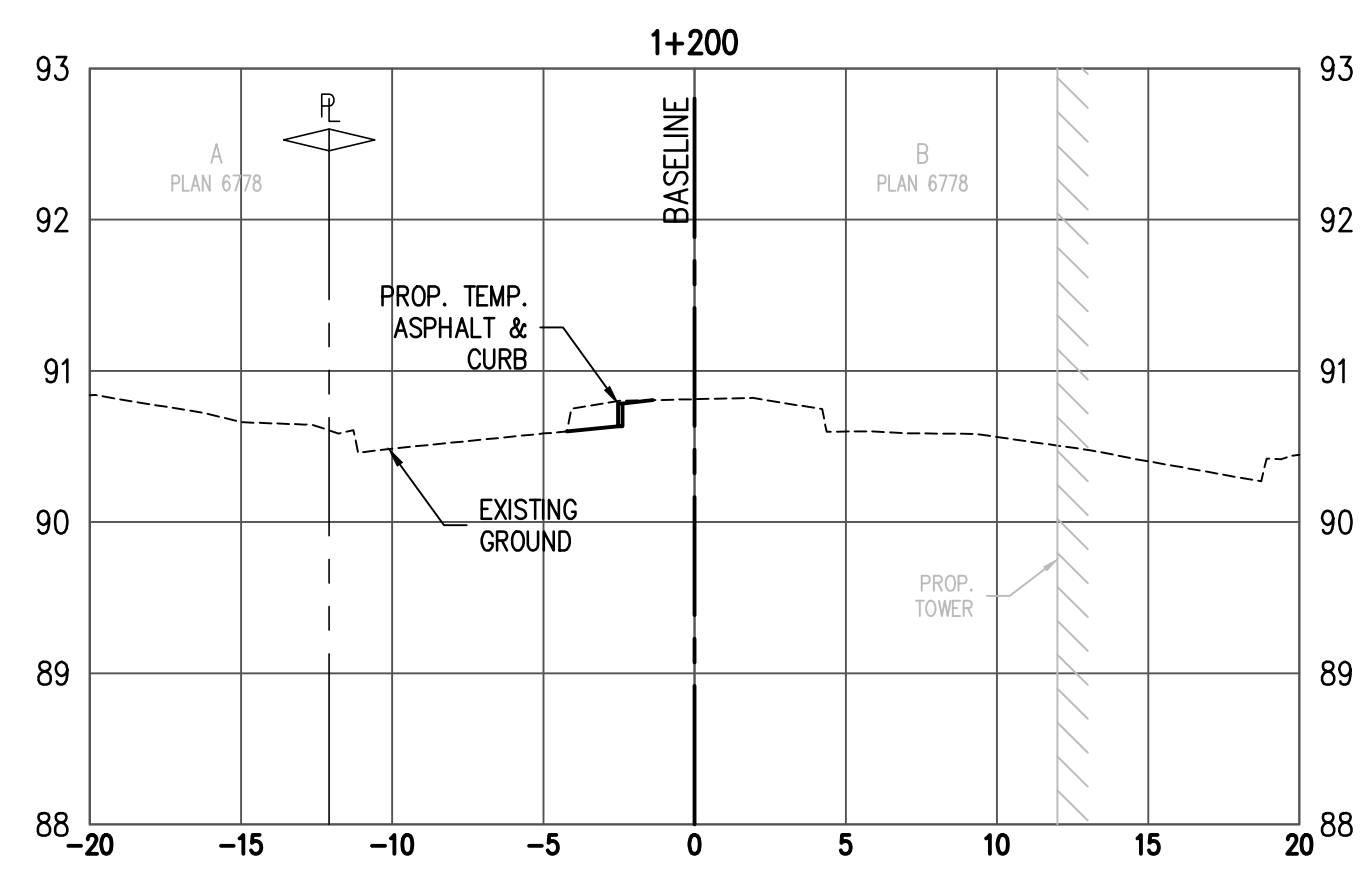
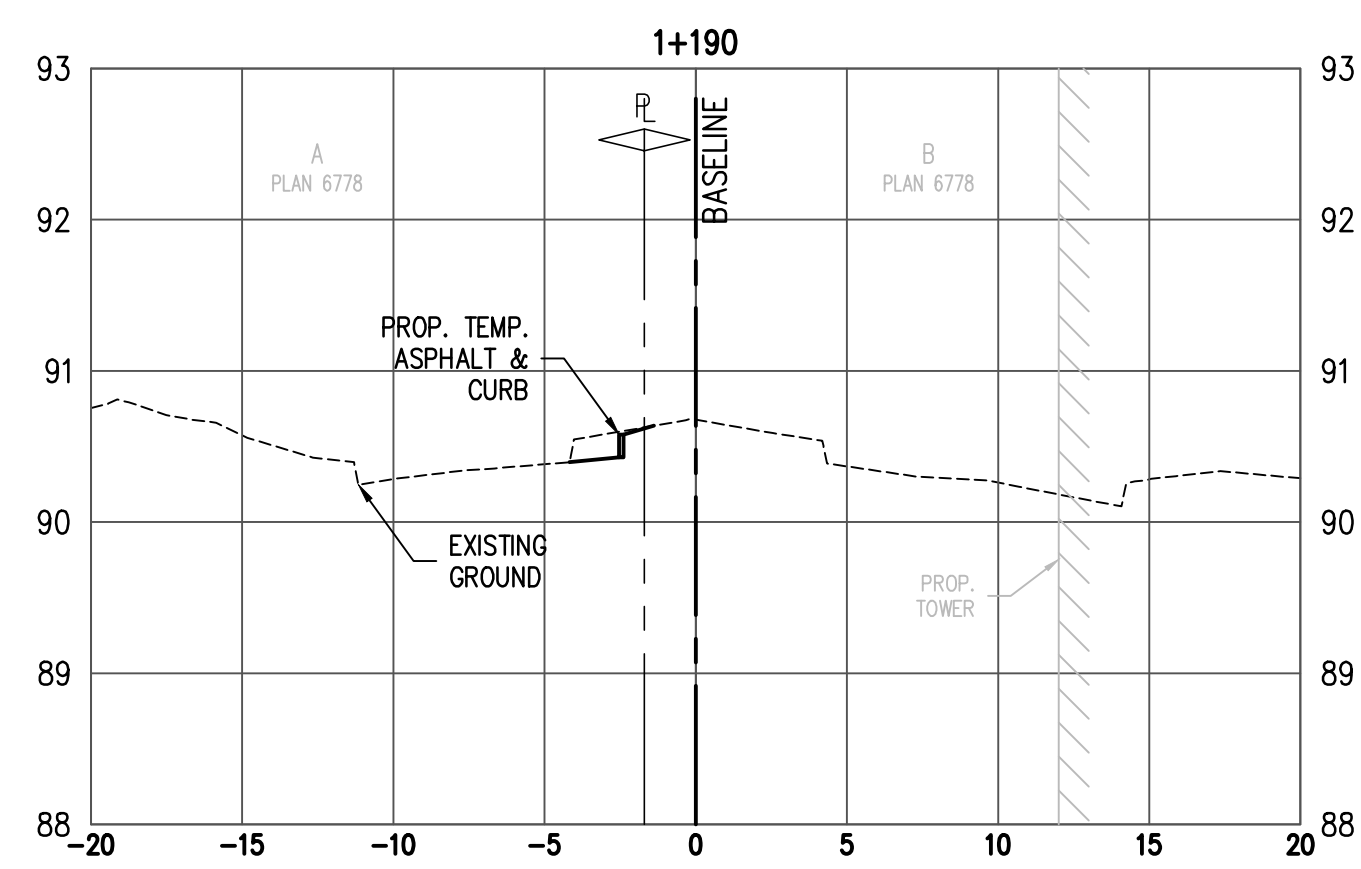
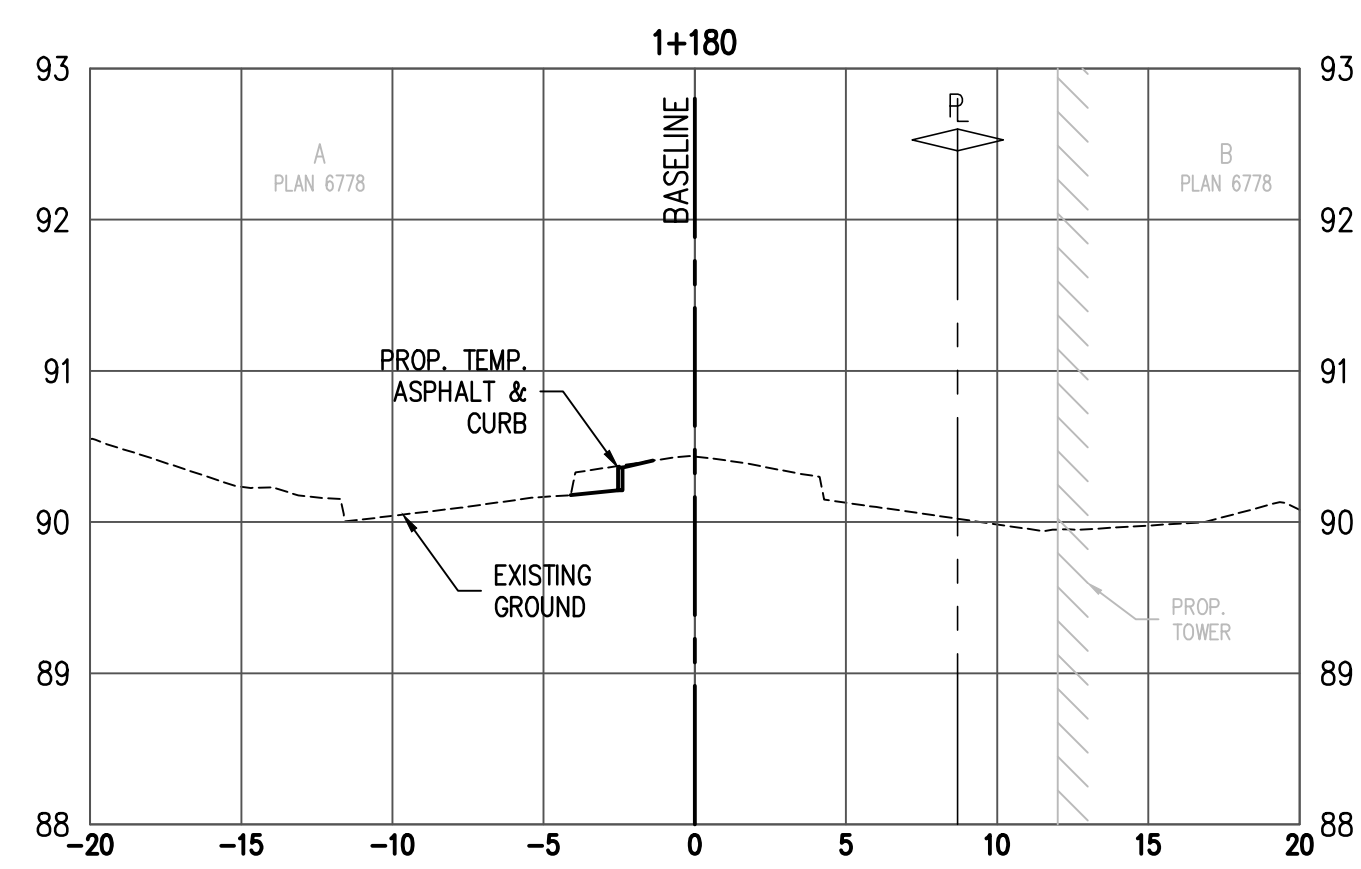
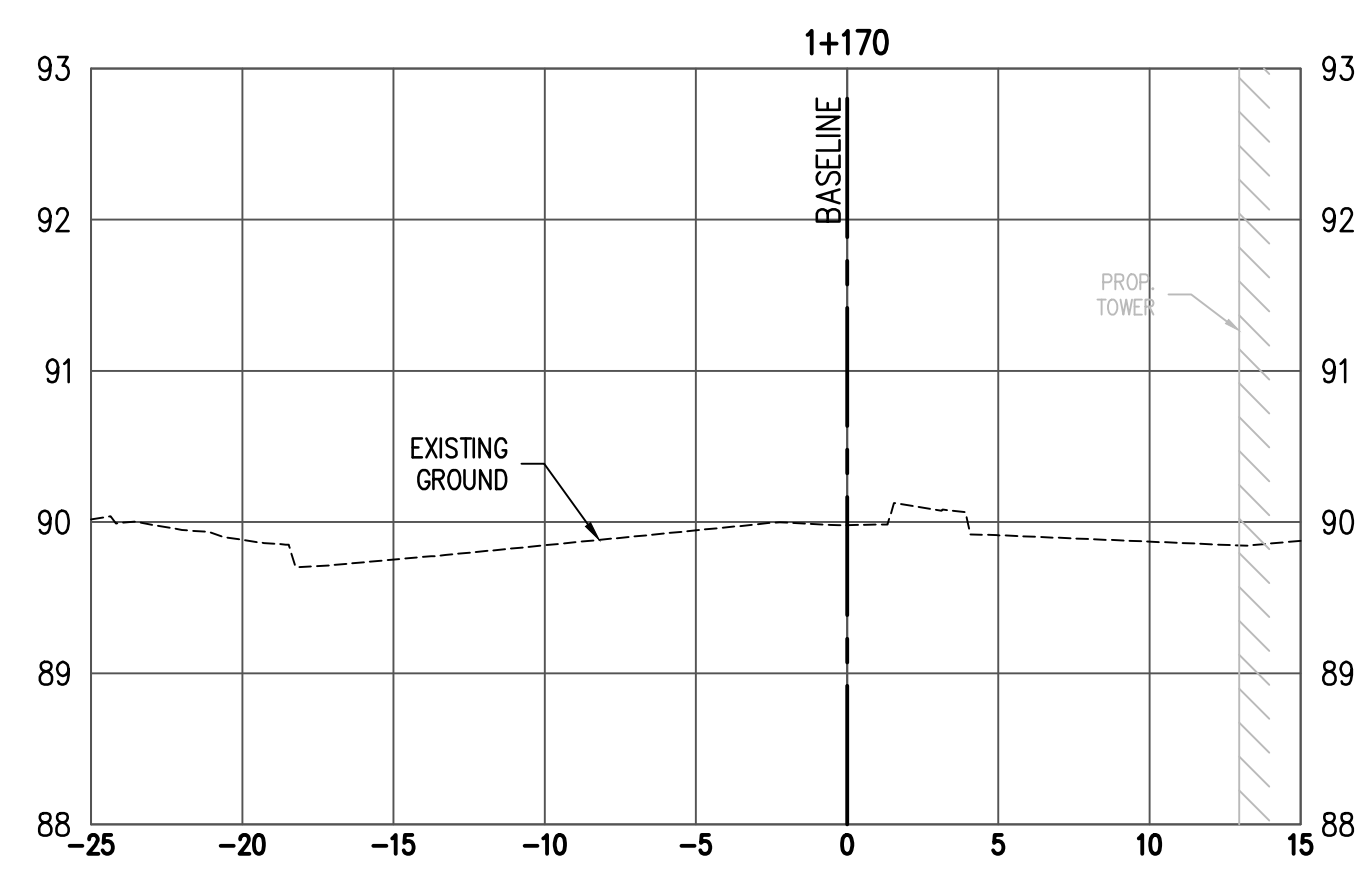
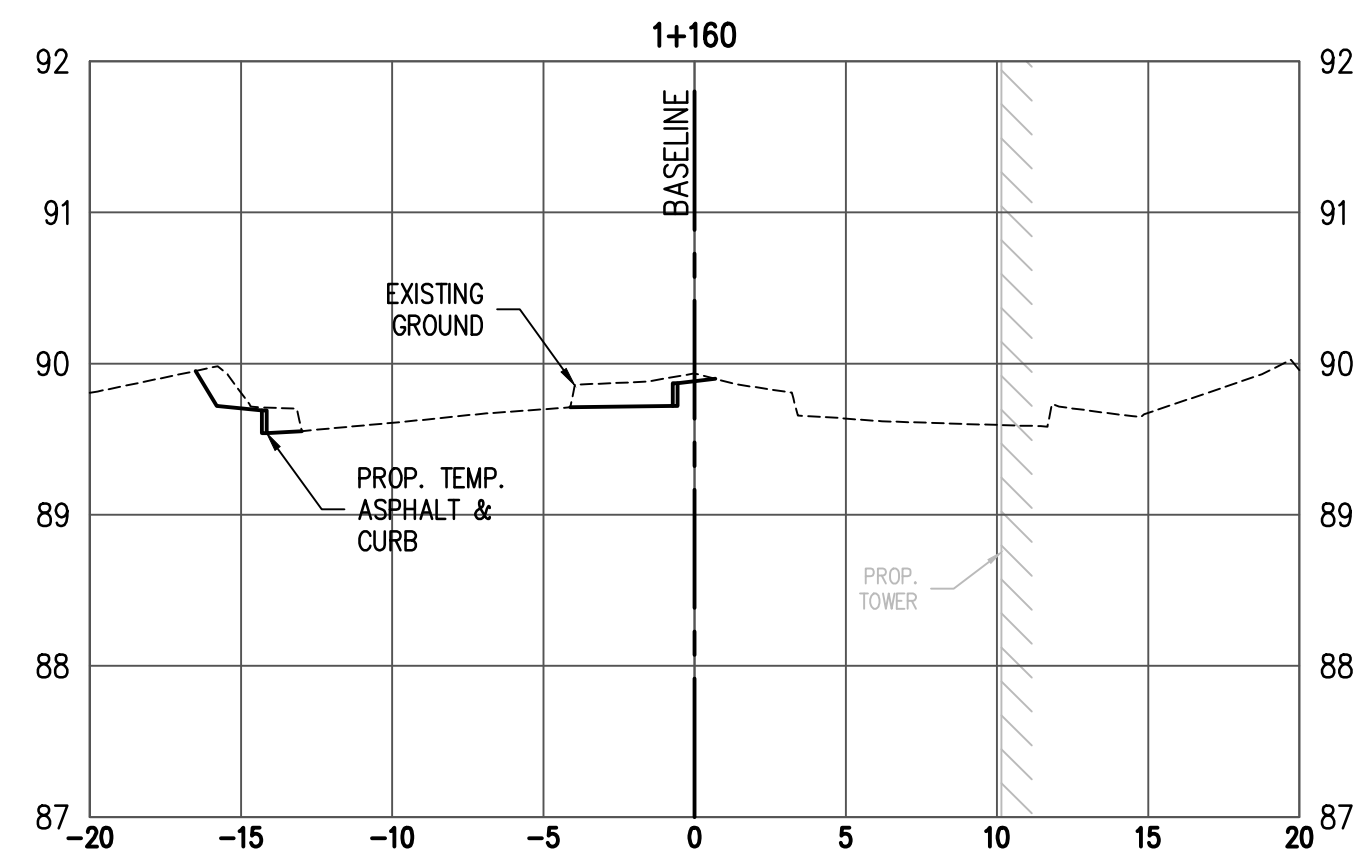
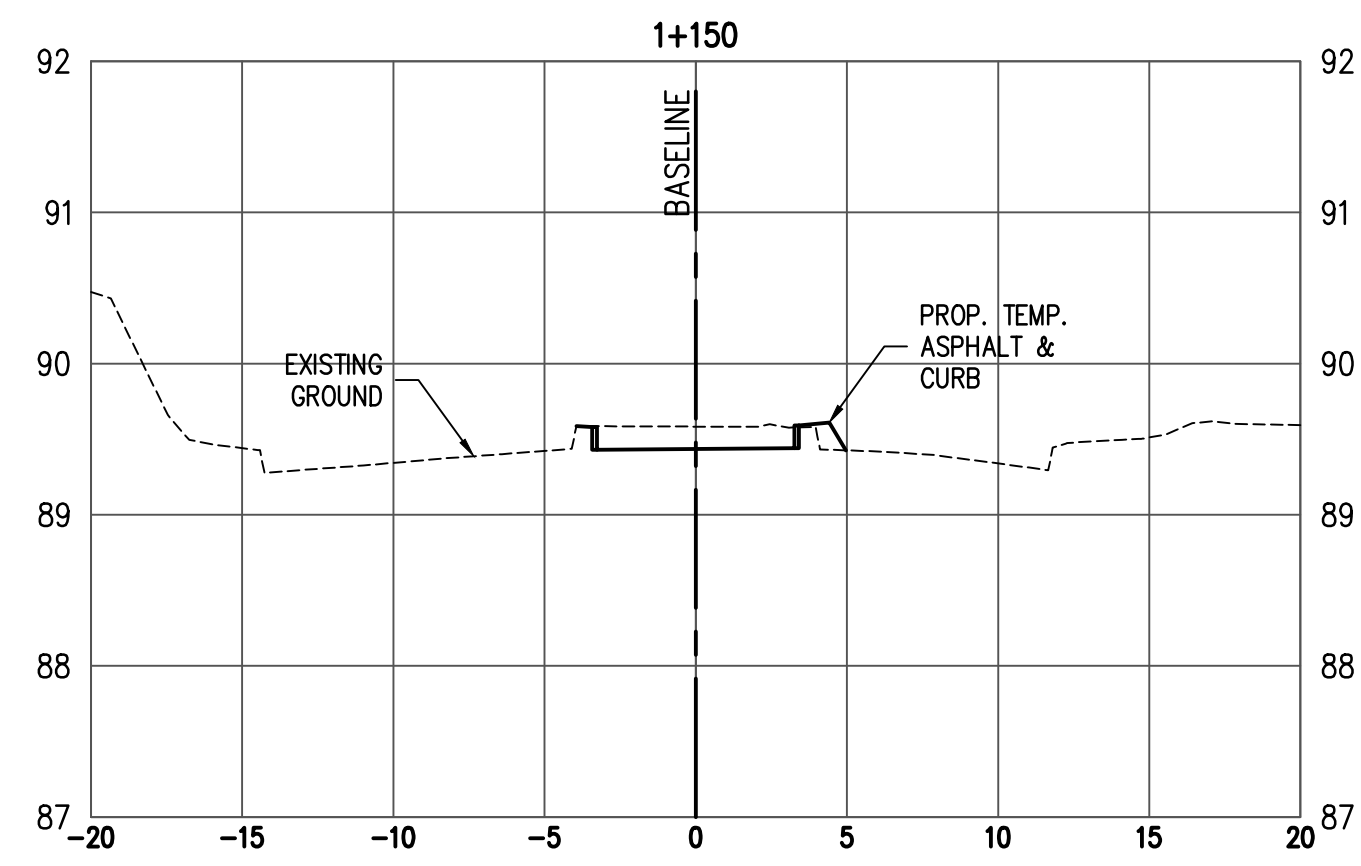
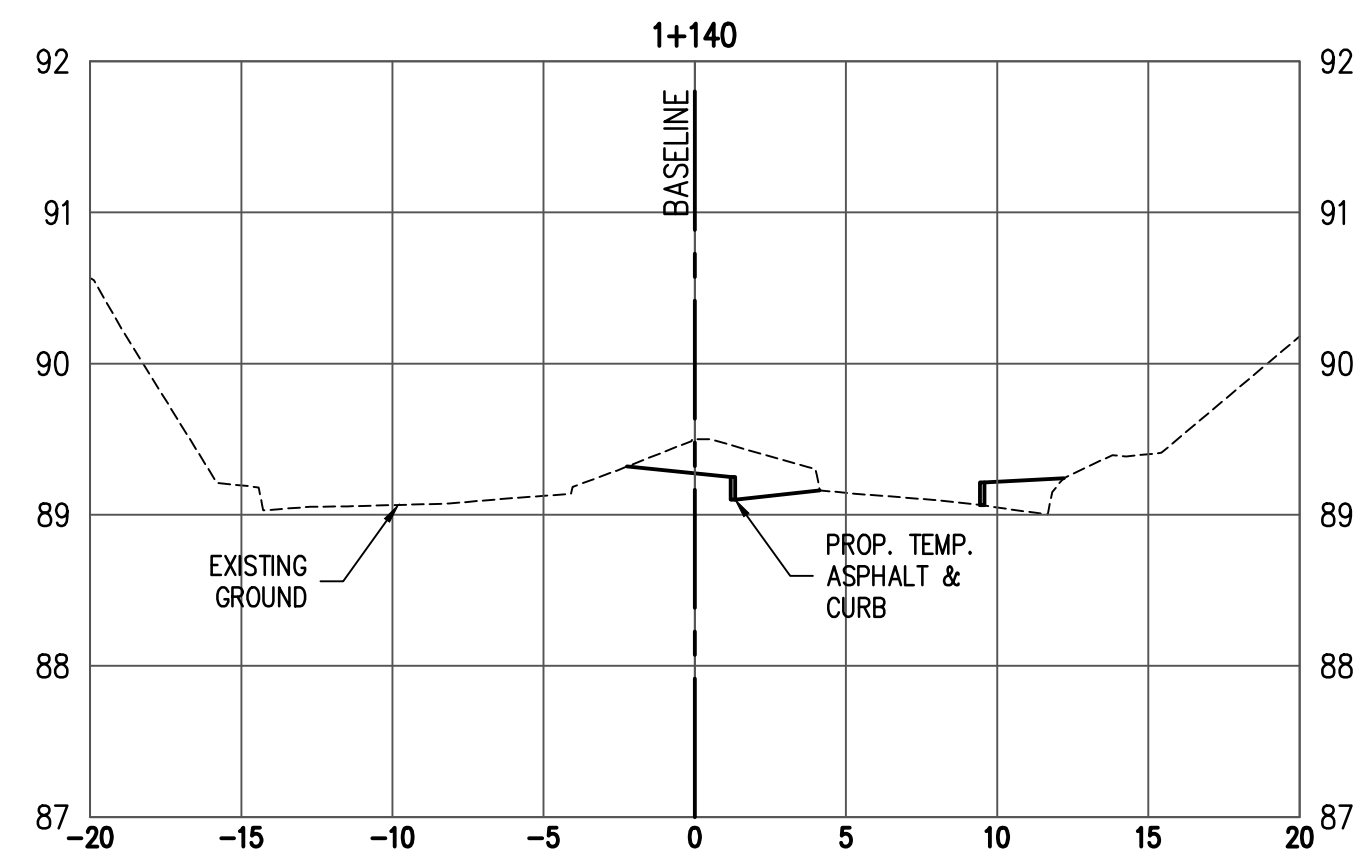
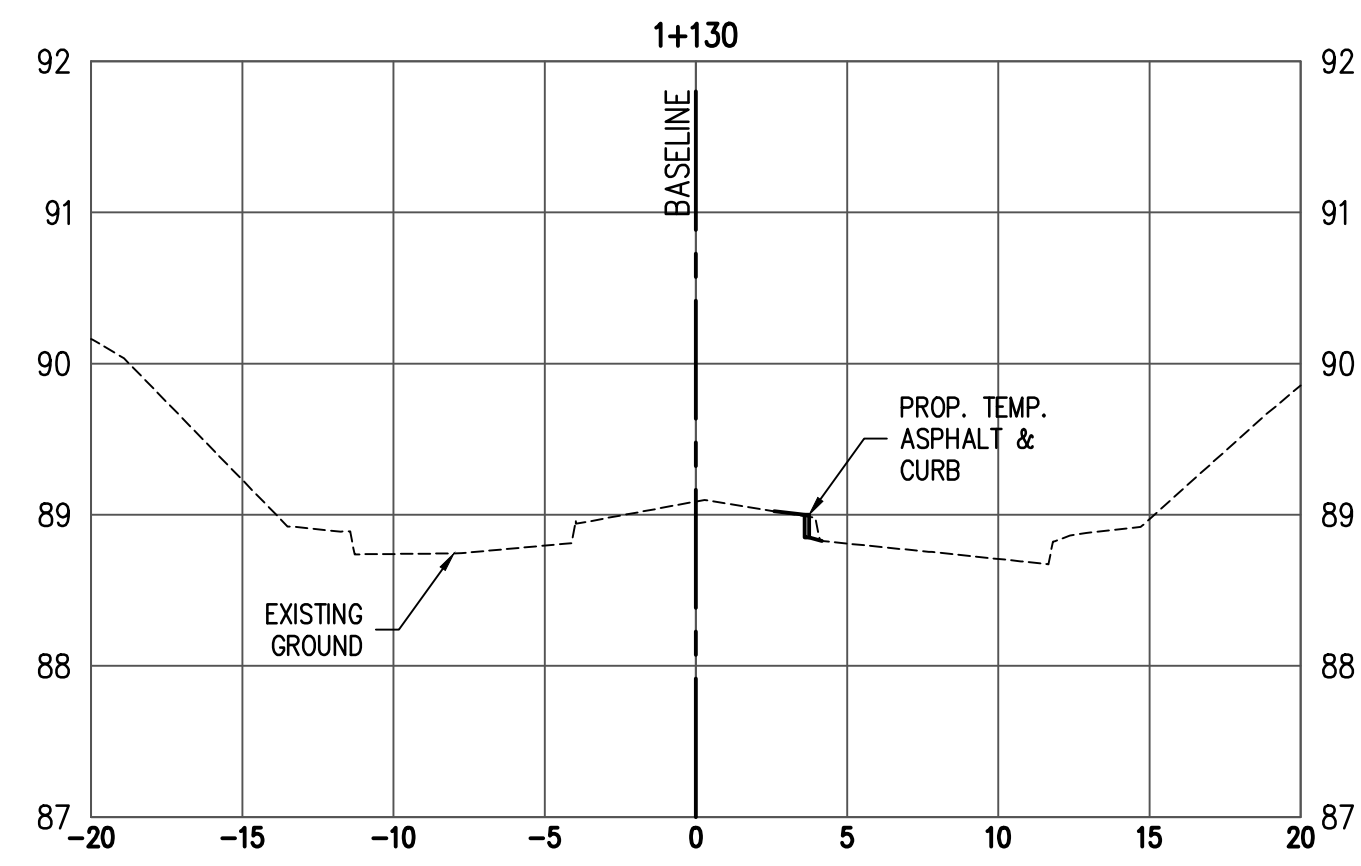
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C 7

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SEAL

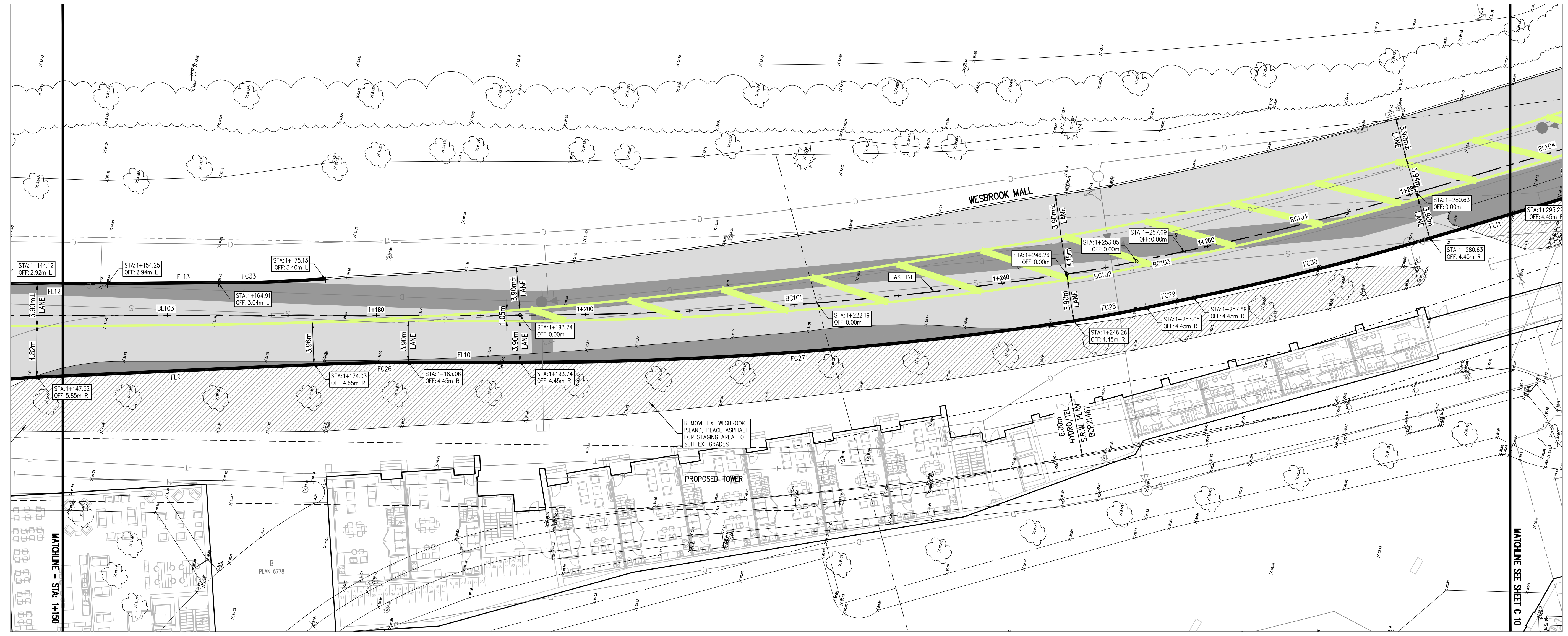
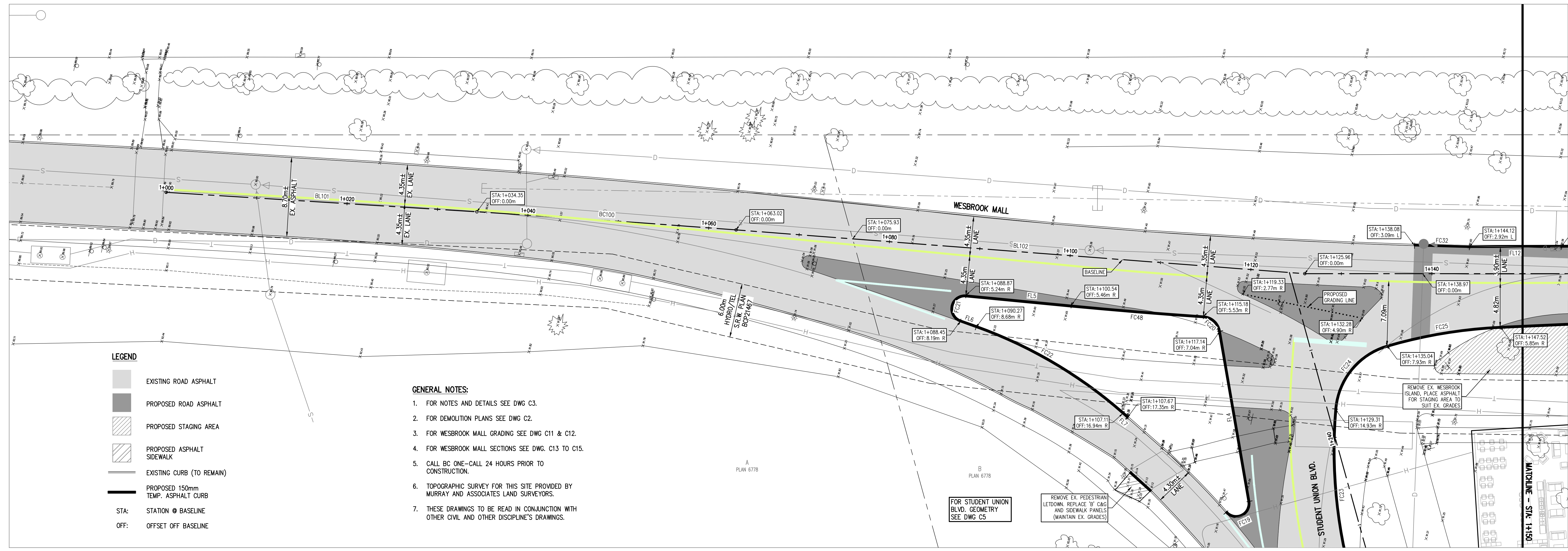
UBC Gage South

Civil Design
CROSS SECTIONS
STUDENT UNION BLVD.

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C 8

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CURVE TABLE (FACE OF CURB)

CURVE	DELTA	RADIUS	ARC
FC19	148°44'51"	1,500	3,894
FC20	76°21'59"	2,000	2,666
FC21	165°48'24"	1,500	4,341
FC22	21°37'32"	50,000	18,872
FC23	20°16'31"	54,000	19,109
FC24	68°52'24"	8,000	9,617
FC25	13°42'44"	53,000	12,684
FC26	2°35'13"	200,000	9,031
FC27	8°33'13"	356,300	53,191
FC28	3°31'39"	114,750	7,065
FC29	0°22'45"	695,850	4,605
FC30	4°52'03"	274,450	23,315
FC32	0°32'07"	647,075	6,046
FC33	5°03'02"	115,970	10,222
FC48	1°38'56"	508,700	14,640

LINE TABLE (FACE OF CURB)

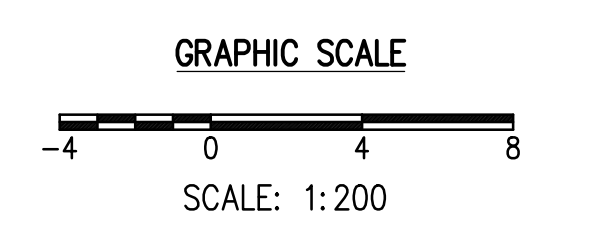
LINE	BEARING	DISTANCE
FL4	N67°36'39"E	19.061
FL5	N7°06'24"W	11.671
FL6	S7°05'13"W	1.882
FL7	S28°42'45"W	0.693
FL9	S15°11'43"E	26.538
FL10	S12°36'30"E	10.678
FL11	S29°10'18"E	14.597
FL12	S12°44'13"E	10.132
FL13	S13°08'45"E	10.660

CURVE TABLE (ROAD BASELINE)

CURVE	DELTA	RADIUS	ARC
BC100	0°49'09"	2005,000	28,670
BC101	8°33'13"	351,850	52,526
BC102	3°31'39"	110,300	6,791
BC103	0°22'45"	700,300	4,634
BC104	4°52'03"	270,000	22,937

LINE TABLE (ROAD BASELINE)

LINE	BEARING	DISTANCE
BL101	S9°00'36"E	34.353
BL102	S8°11'27"E	62.938
BL103	S12°36'30"E	67.777
BL104	S29°10'18"E	26.458



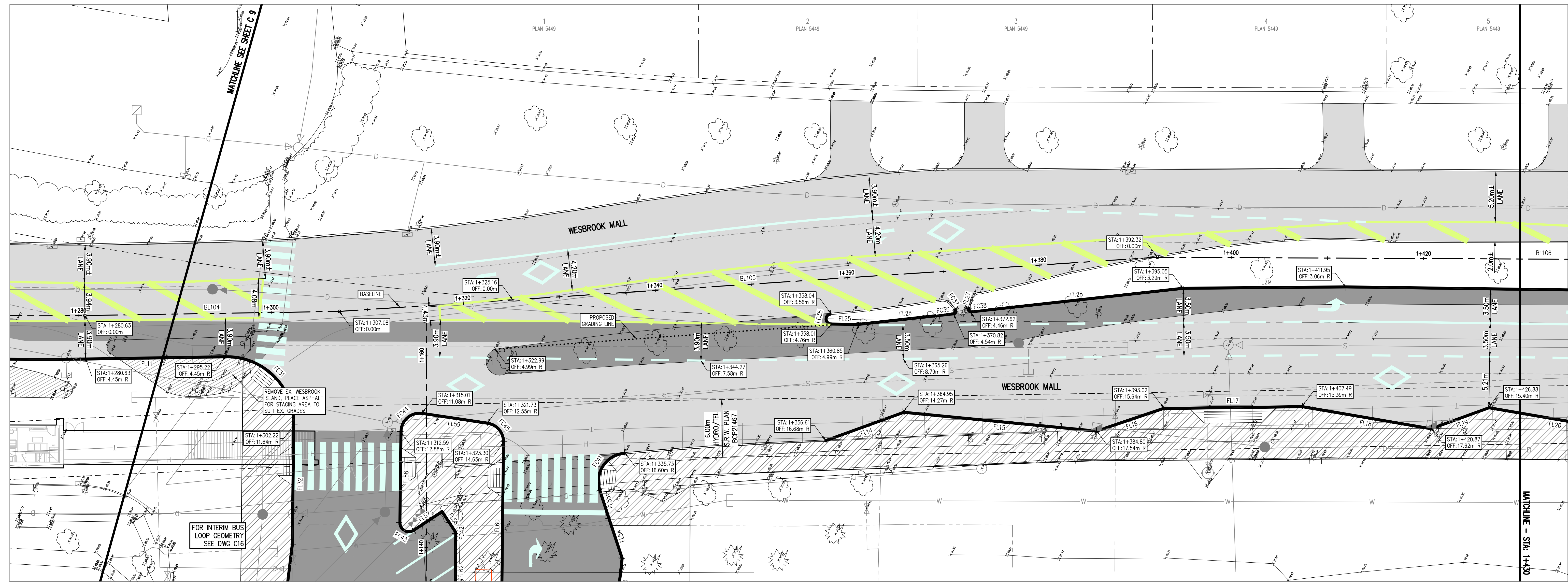
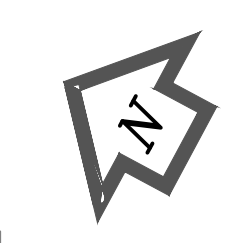
UBC Gage South

Civil Design
PAVING - GEOMETRY
WEBBROOK MALL

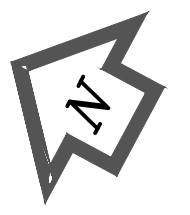
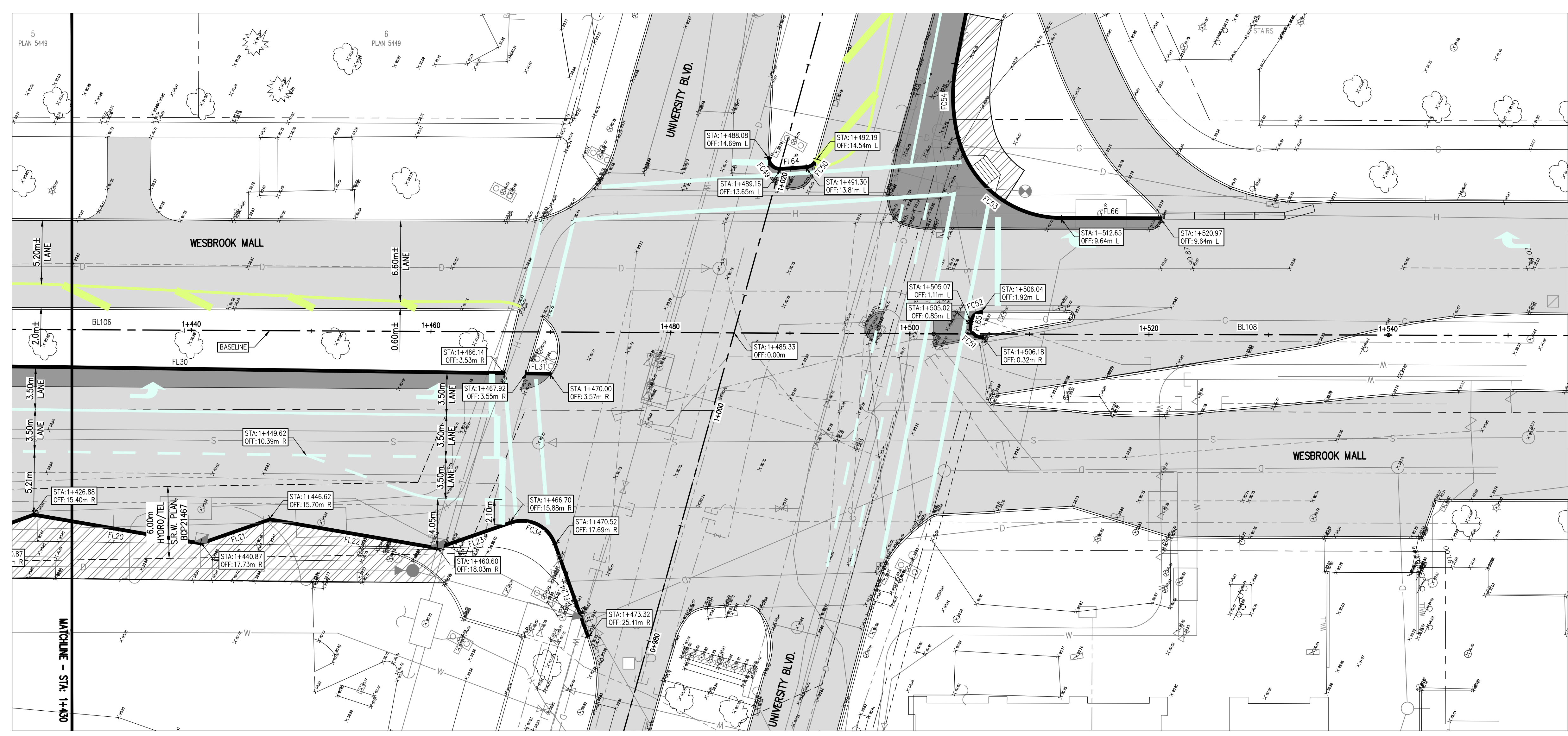
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C 9

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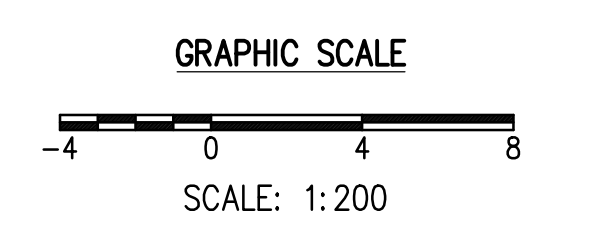


CURVE TABLE (FACE OF CURB)			
CURVE	DELTA	RADIUS	ARC
FC31	91°32'08"	7.000	11.183
FC34	89°28'50"	3.000	4.685
FC35	173°56'41"	0.600	1.822
FC36	117°36'10"	0.300	0.616
FC37	117°52'	5.885	0.133
FC38	114°10'23"	0.300	0.598
FC41	104°18'44"	3.000	5.462
FC44	97°49'27"	2.000	3.415
FC45	82°07'23"	2.000	2.867

LINE TABLE (ROAD BASELINE)		
LINE	BEARING	DISTANCE
BL104	S29°10'18"E	26.458
BL105	S32°01'27"E	85.241
BL106	S27°57'39"E	109.680
BL108	S28°05'04"E	37.996

LINE TABLE (FACE OF CURB)		
LINE	BEARING	DISTANCE
FL11	S29°10'18"E	14.597
FL14	S48°09'20"E	6.882
FL15	S23°39'54"E	20.123
FL16	S46°54'35"E	7.353
FL17	S28°58'15"E	14.470
FL18	S18°30'04"E	13.564
FL19	S48°11'14"E	6.408
FL20	S18°30'04"E	14.180
FL21	S47°24'13"E	6.099
FL22	S18°30'04"E	14.180
FL23	S47°24'13"E	6.460
FL24	S42°04'37"W	8.220
FL25	S27°29'55"E	2.852
FL26	S34°34'20"E	9.981

LINE TABLE (FACE OF CURB)		
LINE	BEARING	DISTANCE
FL27	S79°36'03"W	0.151
FL28	S34°34'20"E	22.211
FL29	S28°44'22"E	16.903
FL30	S27°27'37"E	54.199
FL31	S27°27'37"E	2.084
FL32	S82°21'50"W	12.474
FL34	N43°20'28"E	4.425
FL35	N43°52'53"E	3.026
FL38	N62°27'06"E	9.482
FL39	S19°43'27"E	6.880
FL60	S82°23'56"W	17.450
FL64	S32°09'39"E	2.150
FL65	N72°50'44"E	0.260
FL66	N28°03'34"W	8.325



LEGEND

- EXISTING ROAD ASPHALT
- PROPOSED ROAD ASPHALT
- PROPOSED STAGING AREA
- PROPOSED ASPHALT SIDEWALK
- EXISTING CURB (TO REMAIN)
- PROPOSED 150mm TEMP. ASPHALT CURB
- STA: STATION @ BASELINE
- OFF: OFFSET OFF BASELINE

GENERAL NOTES:

1. FOR NOTES AND DETAILS SEE DWG C3.
2. FOR DEMOLITION PLANS SEE DWG C2.
3. FOR WESTBROOK MALL GRADING SEE DWG C11 & C12.
4. FOR WESTBROOK MALL SECTIONS SEE DWG. C13 TO C15.
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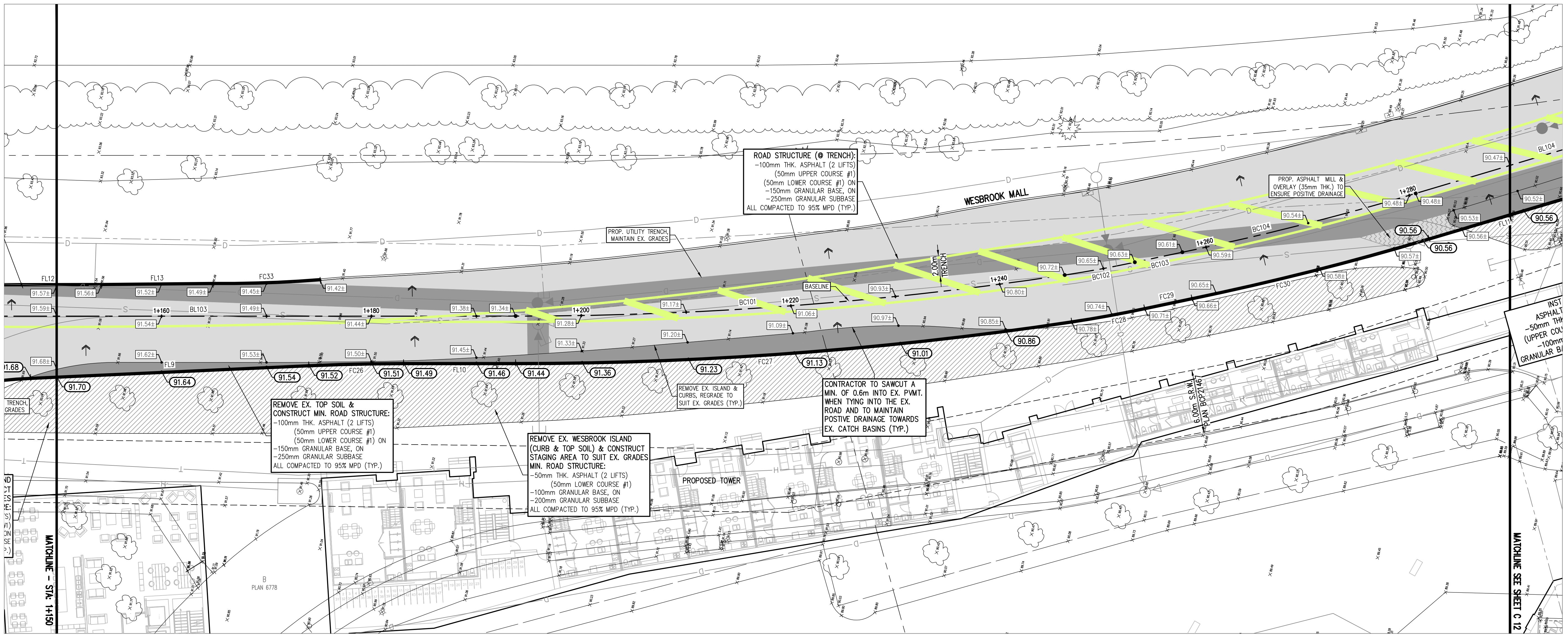
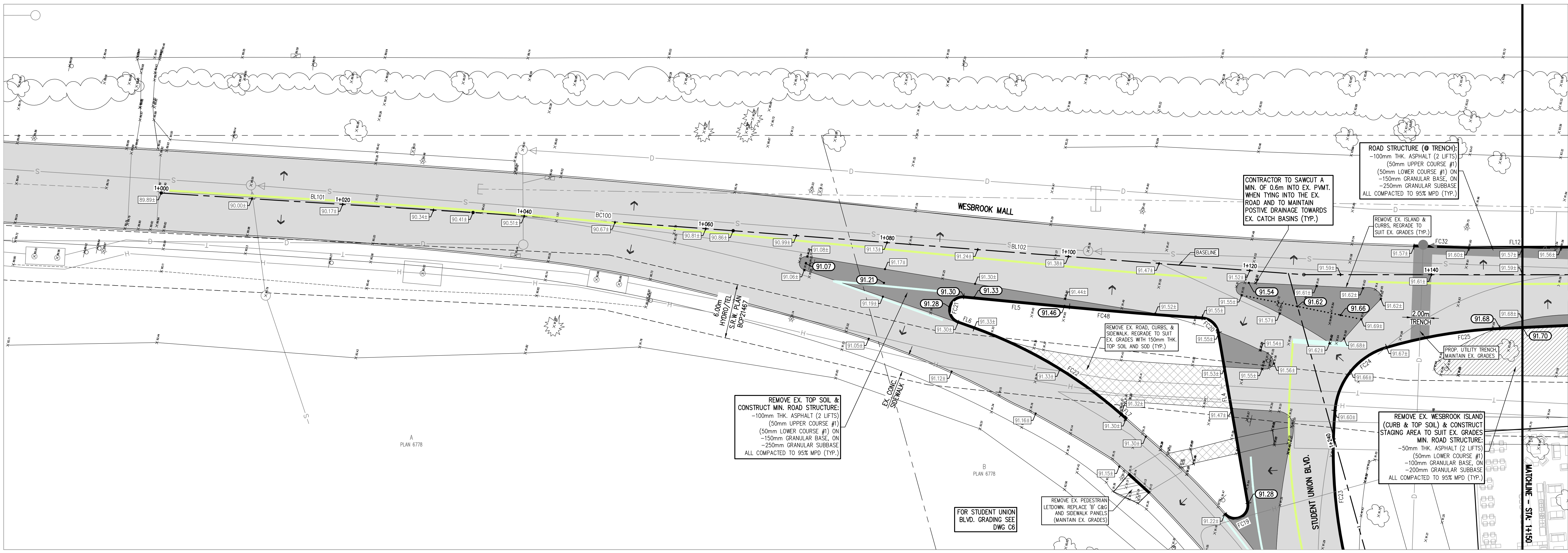
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Civil Design
PAVING - GEOMETRY
WESTBROOK MALL

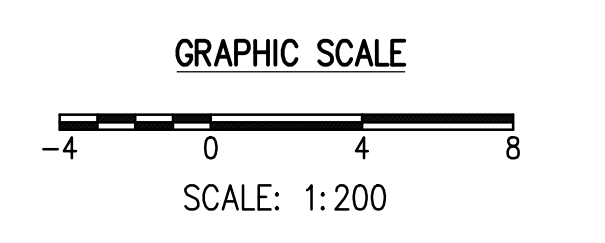
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C 10

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- LEGEND**
- EXISTING ROAD ASPHALT
 - PROPOSED ROAD ASPHALT
 - PROPOSED STAGING AREA
 - EXISTING STRUCTURE TO BE REMOVED AND REPLACED W/ TOPSOIL
 - PROPOSED ASPHALT SIDEWALK
 - EXISTING CURB (TO REMAIN)
 - PROPOSED 150mm TEMP. ASPHALT CURB
 - EXISTING ELEVATION
 - PROPOSED ELEVATION



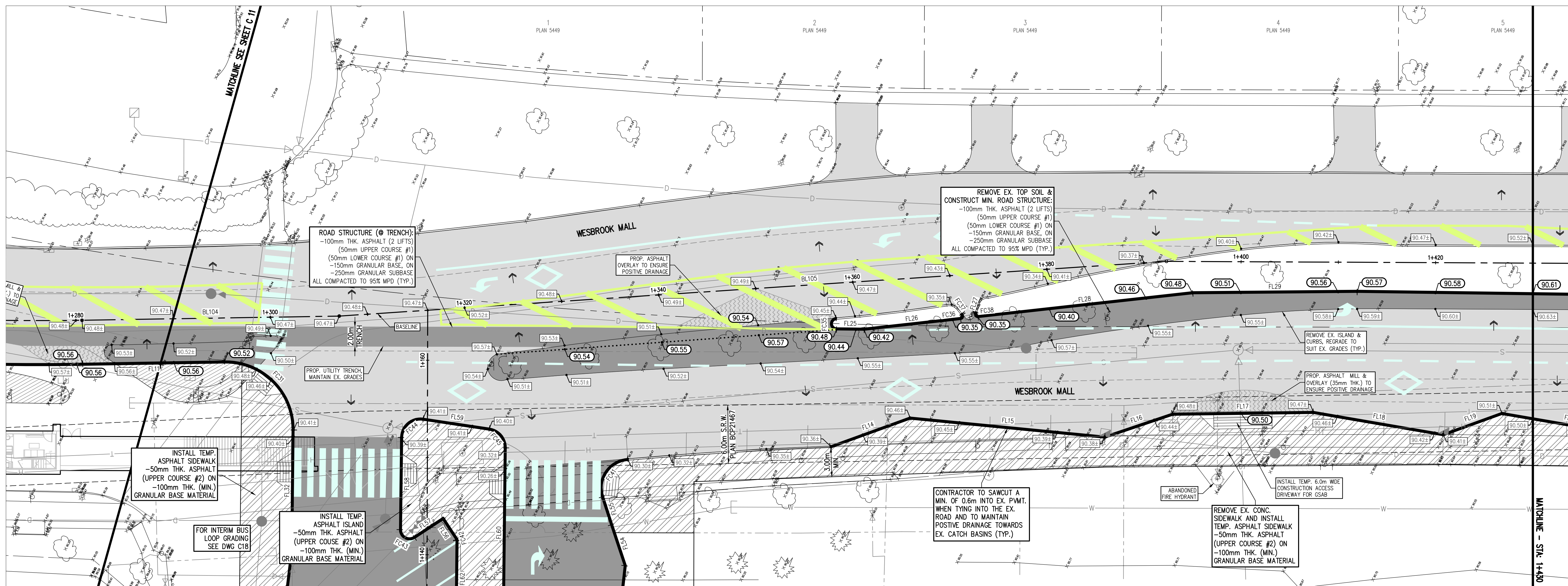
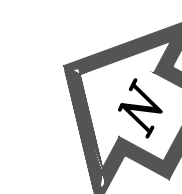
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 4. FOR WESBROOK MALL SECTIONS SEE DWG. C13 TO C15.
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Civil Design
**PAVING - GRADING
WESBROOK MALL**

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C 11



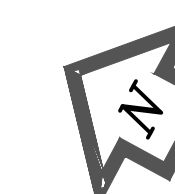
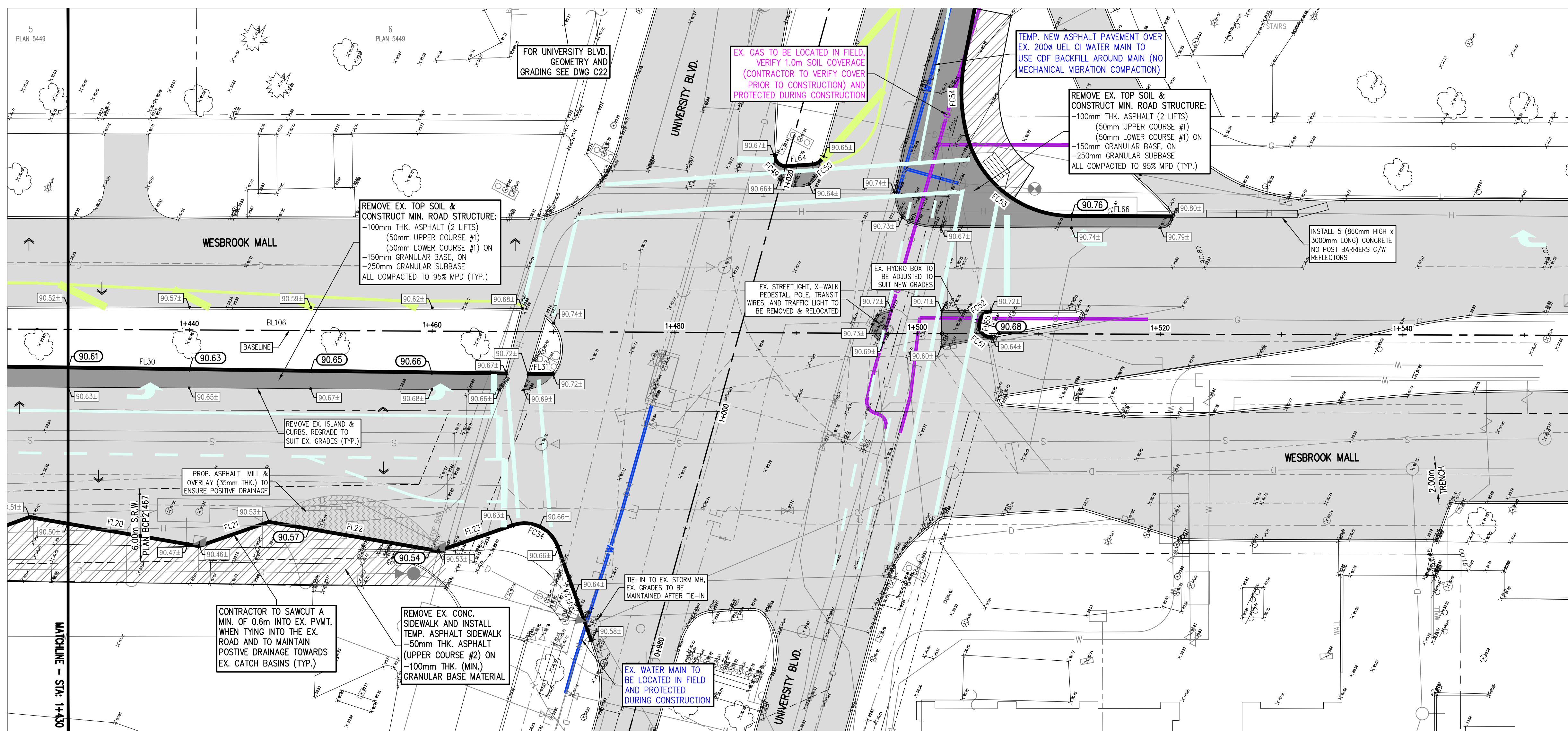
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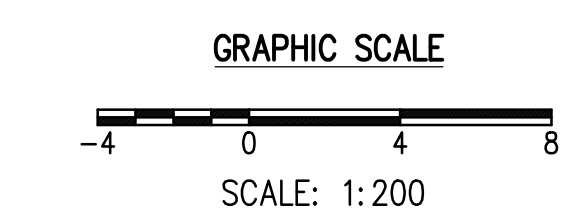


LEGEND

- EXISTING ROAD ASPHALT
- PROPOSED ROAD ASPHALT
- PROPOSED STAGING AREA
- EXISTING STRUCTURE TO BE REMOVED AND REPLACED W/ TOPSOIL
- PROPOSED ASPHALT SIDEWALK
- EXISTING CURB (TO REMAIN)
- PROPOSED 150mm TEMP. ASPHALT CURB
- EXISTING ELEVATION
- PROPOSED ELEVATION

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SEAL

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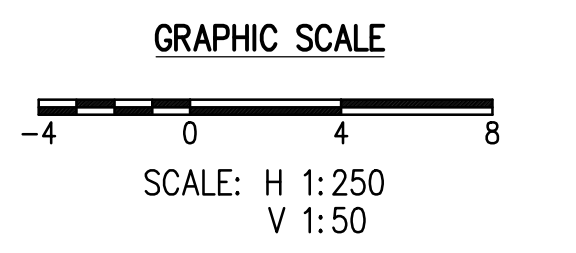
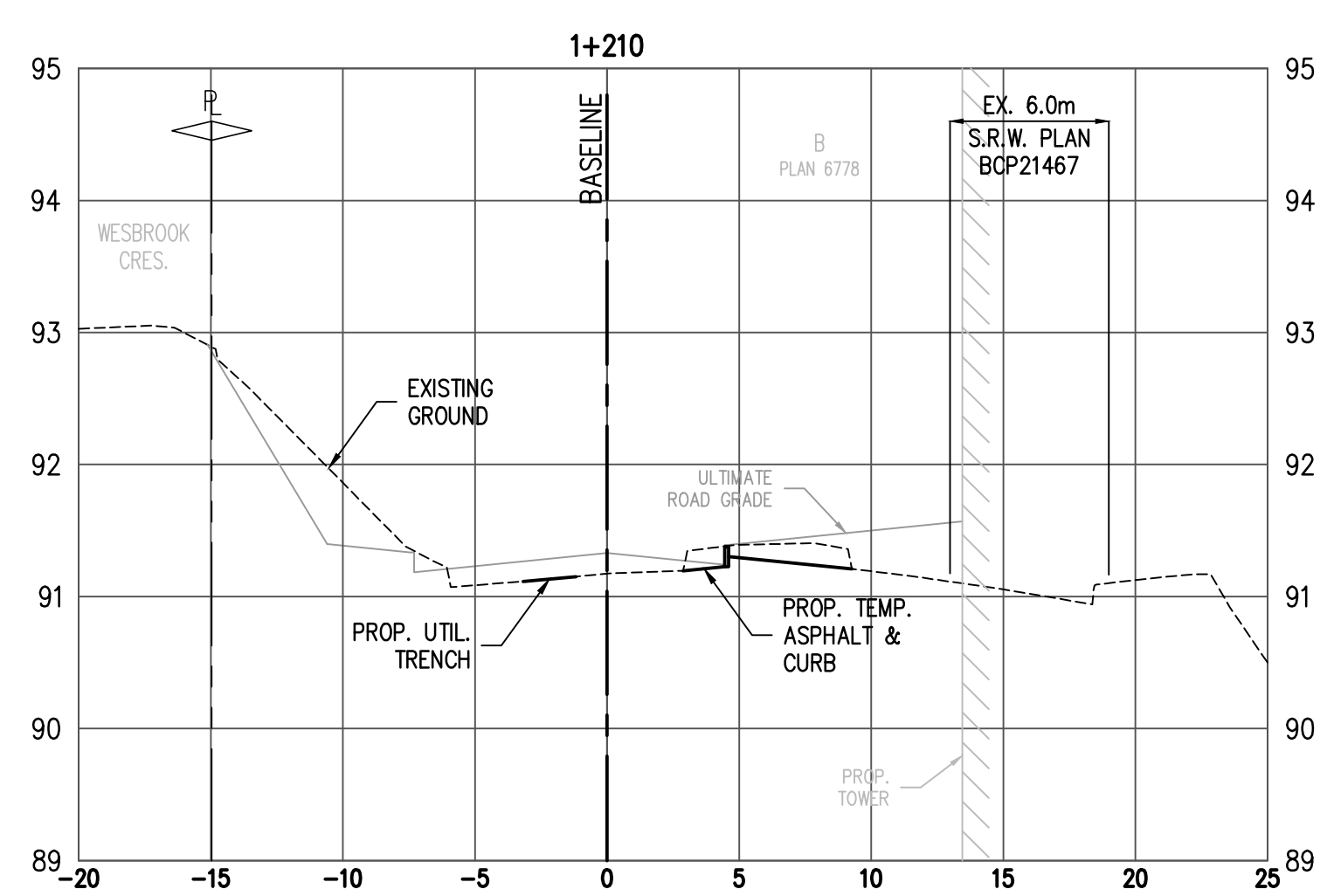
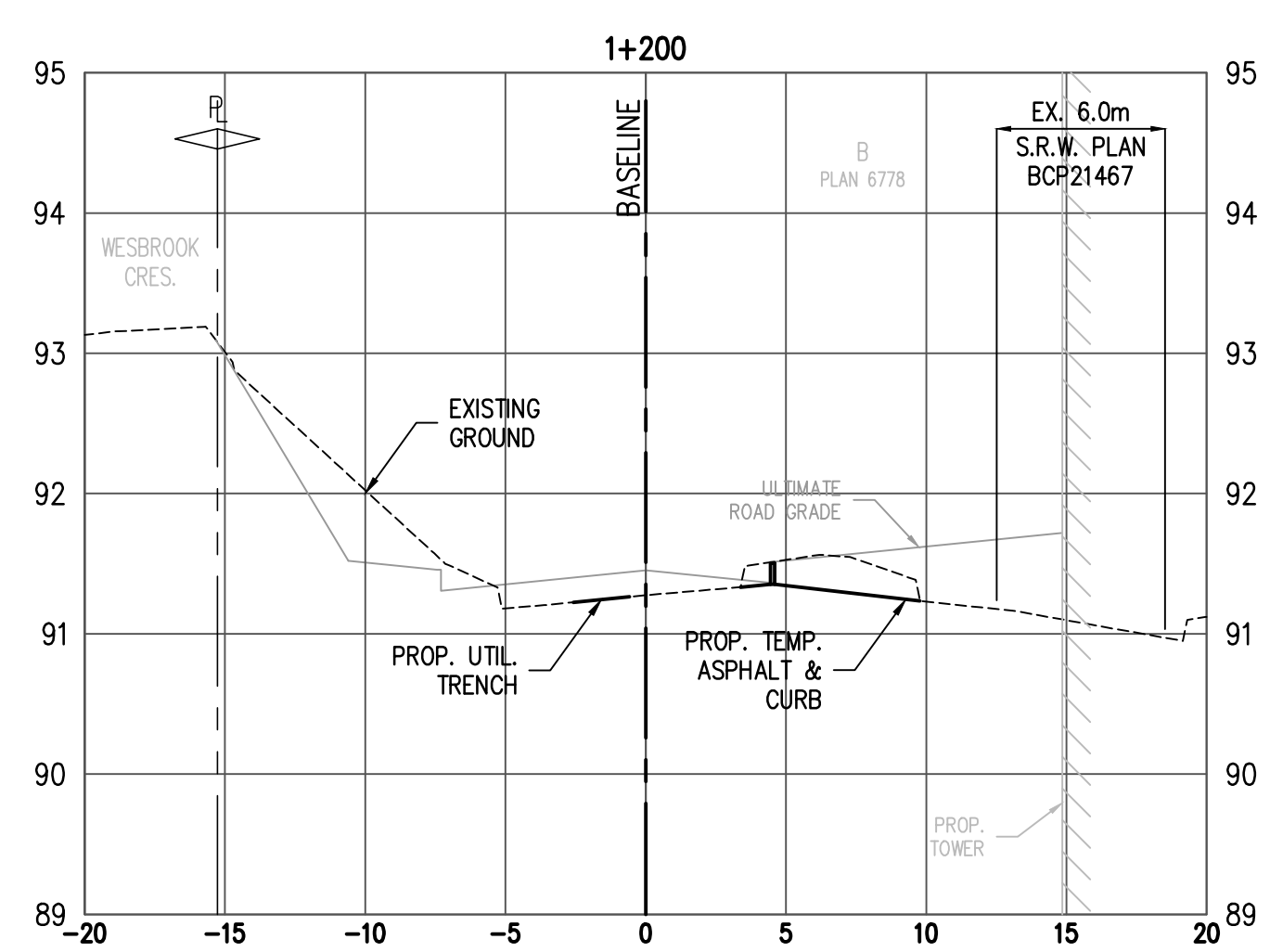
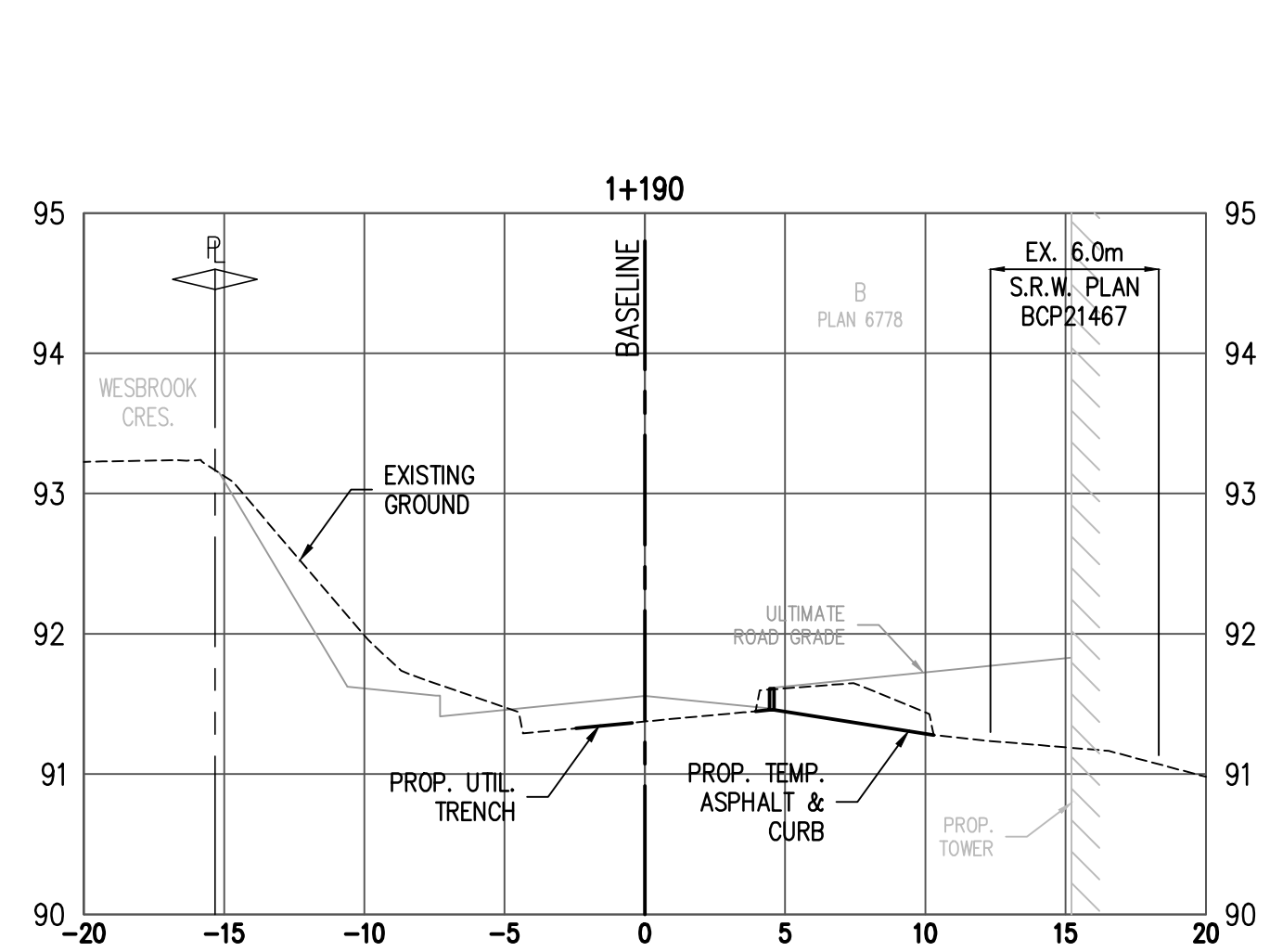
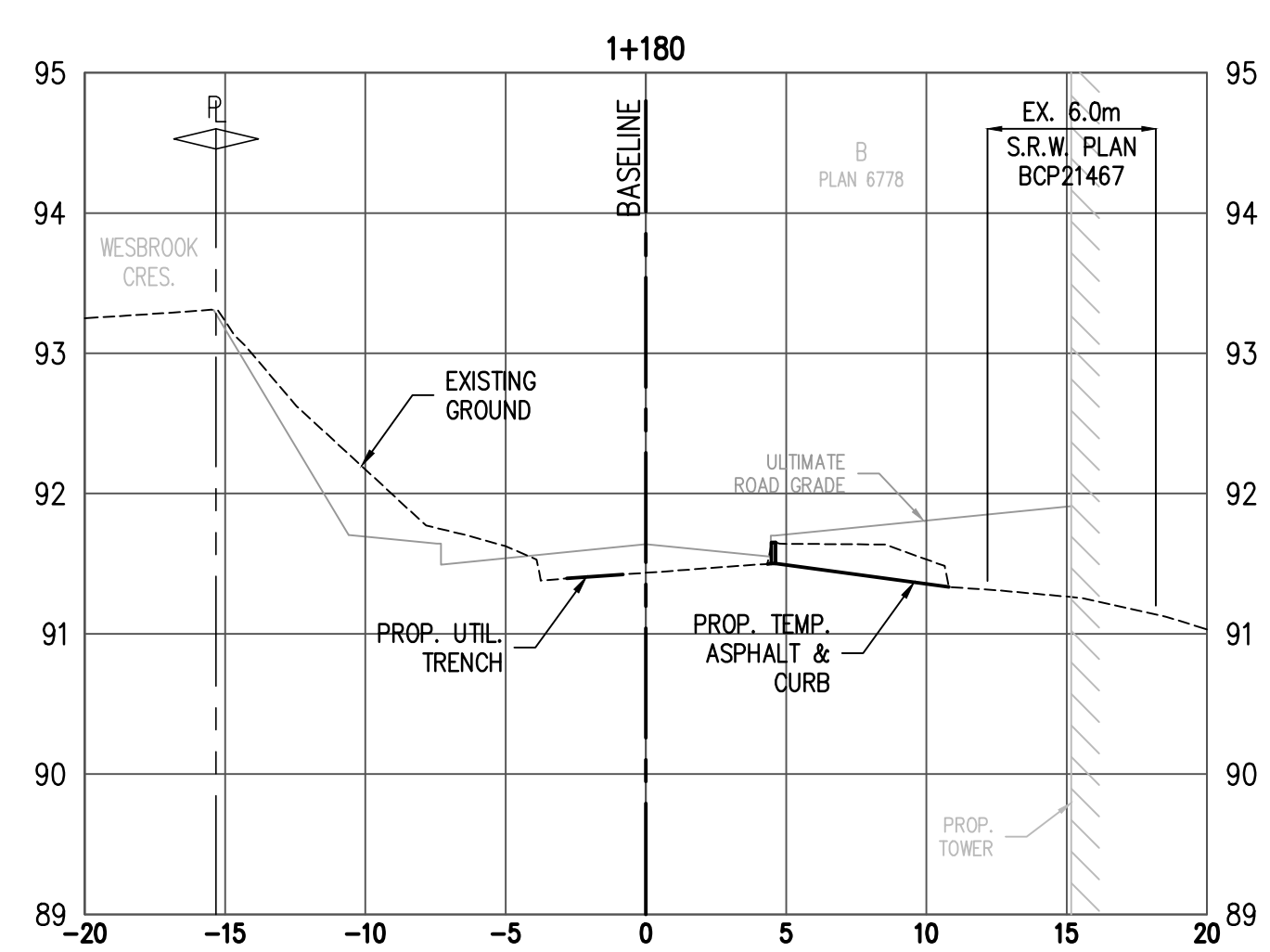
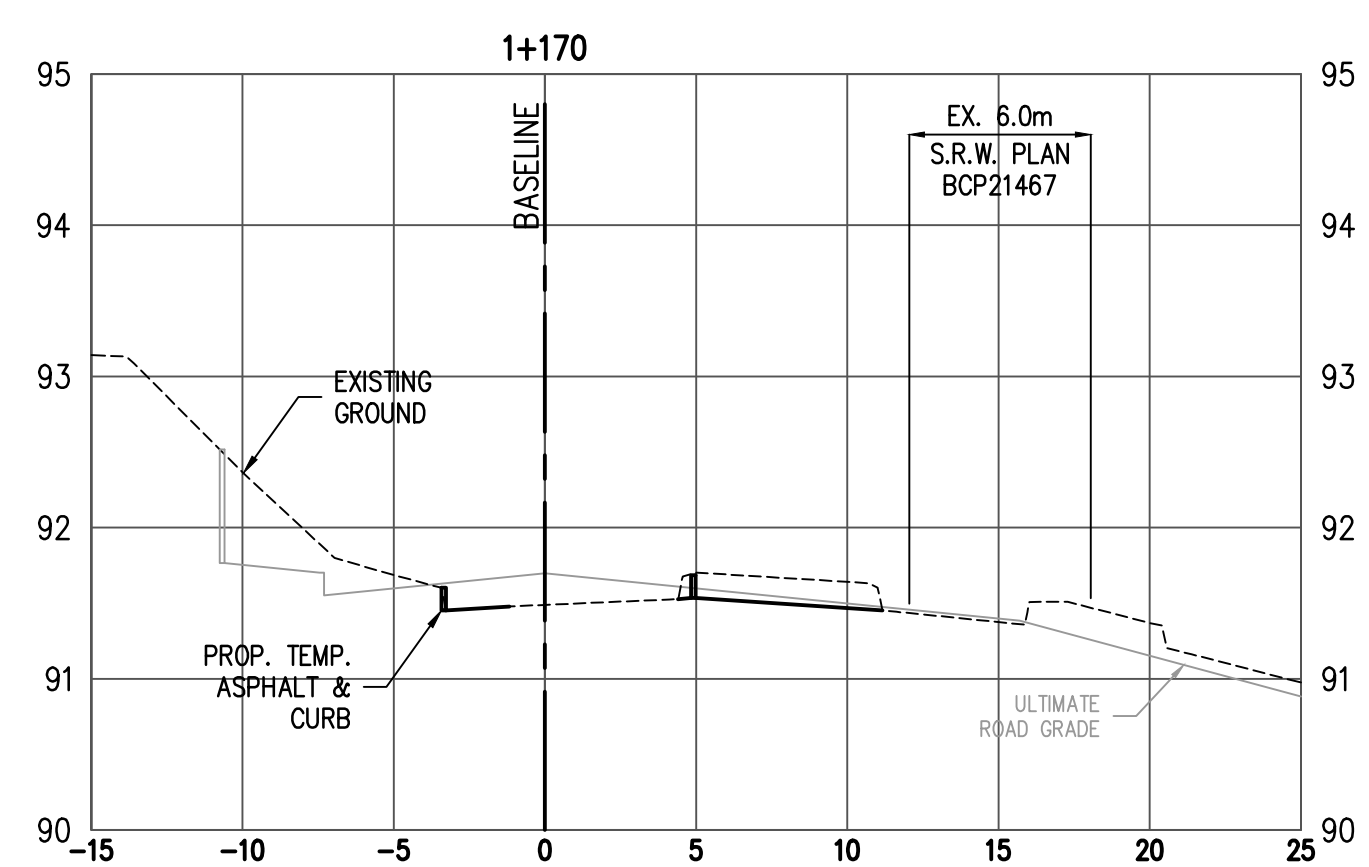
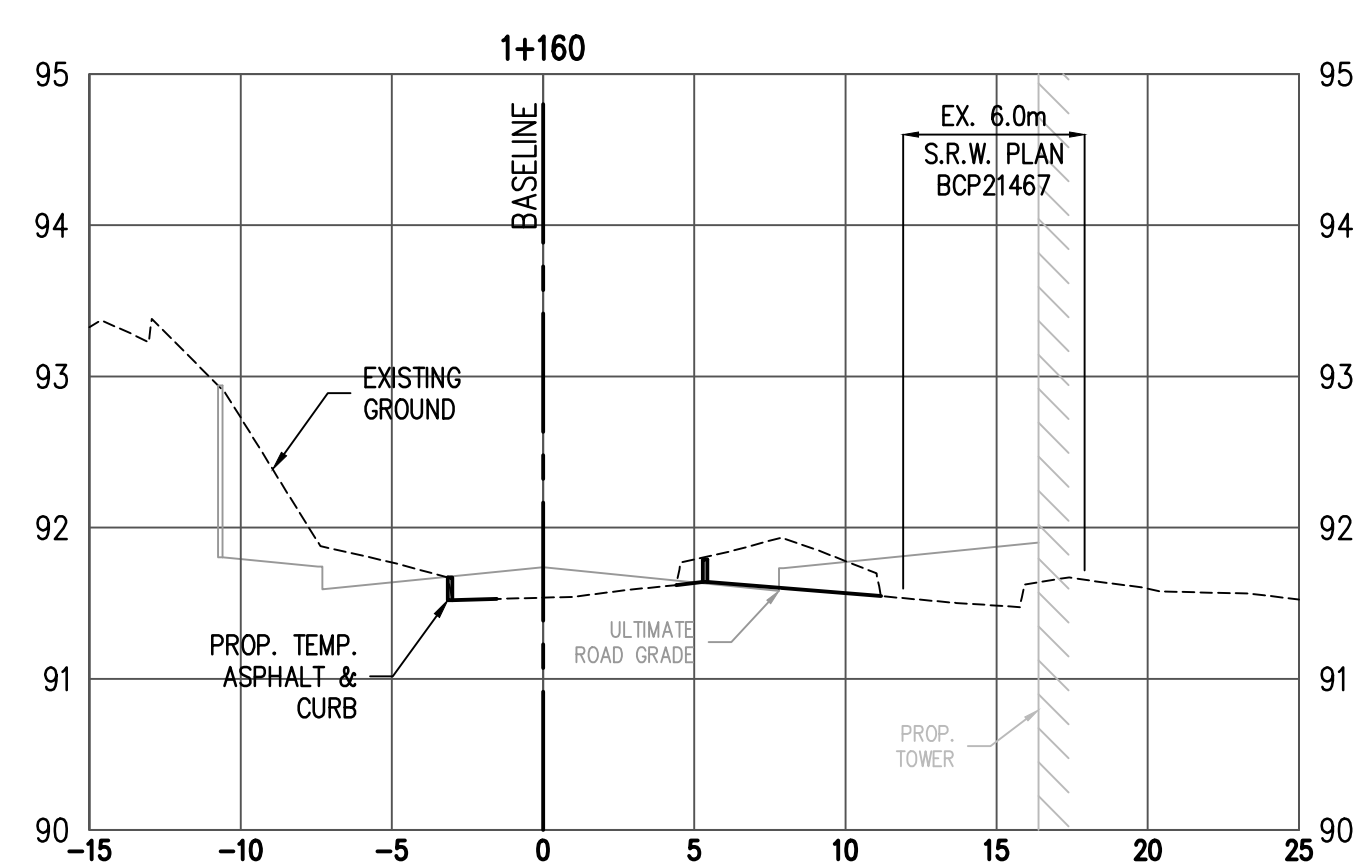
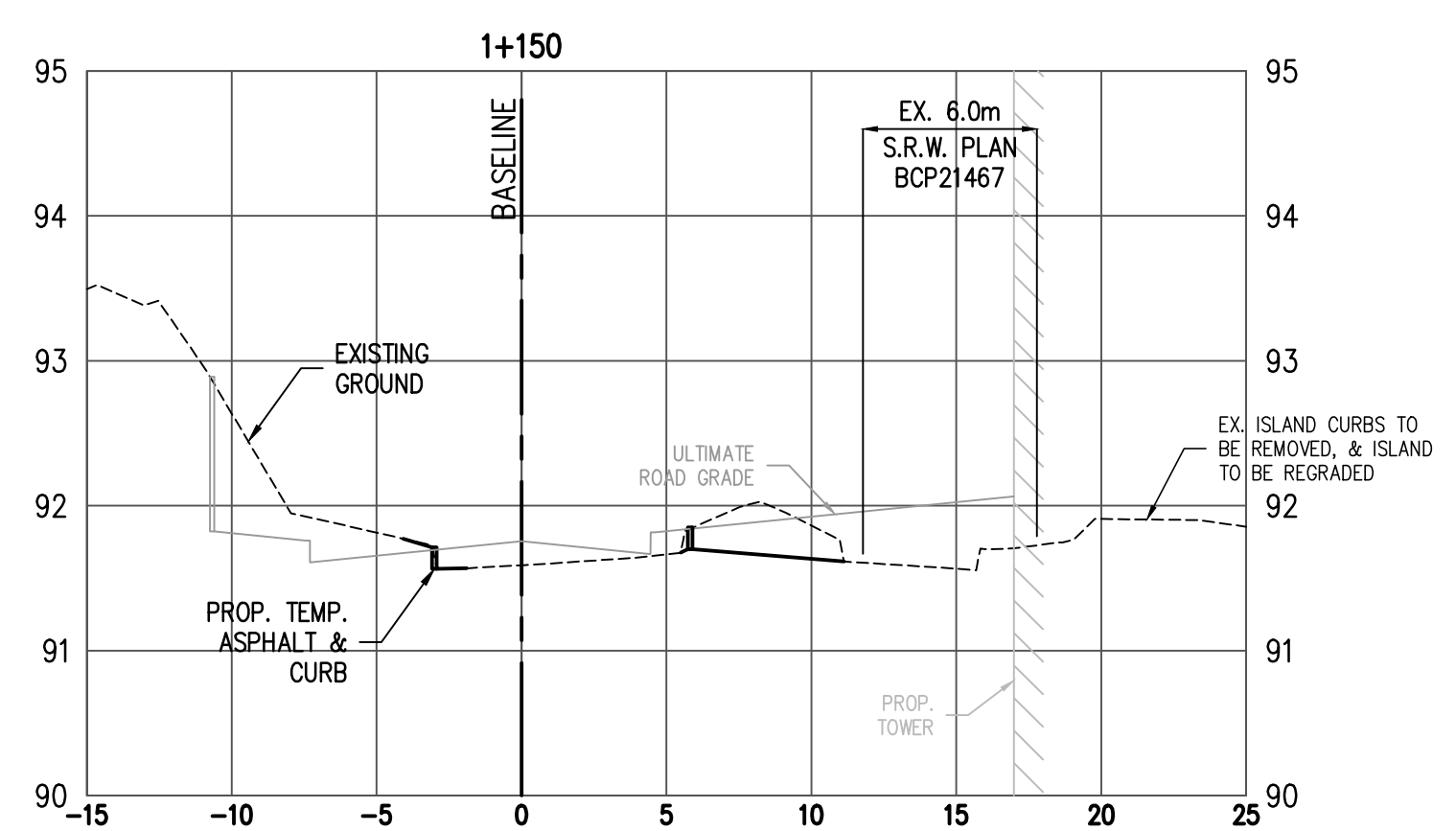
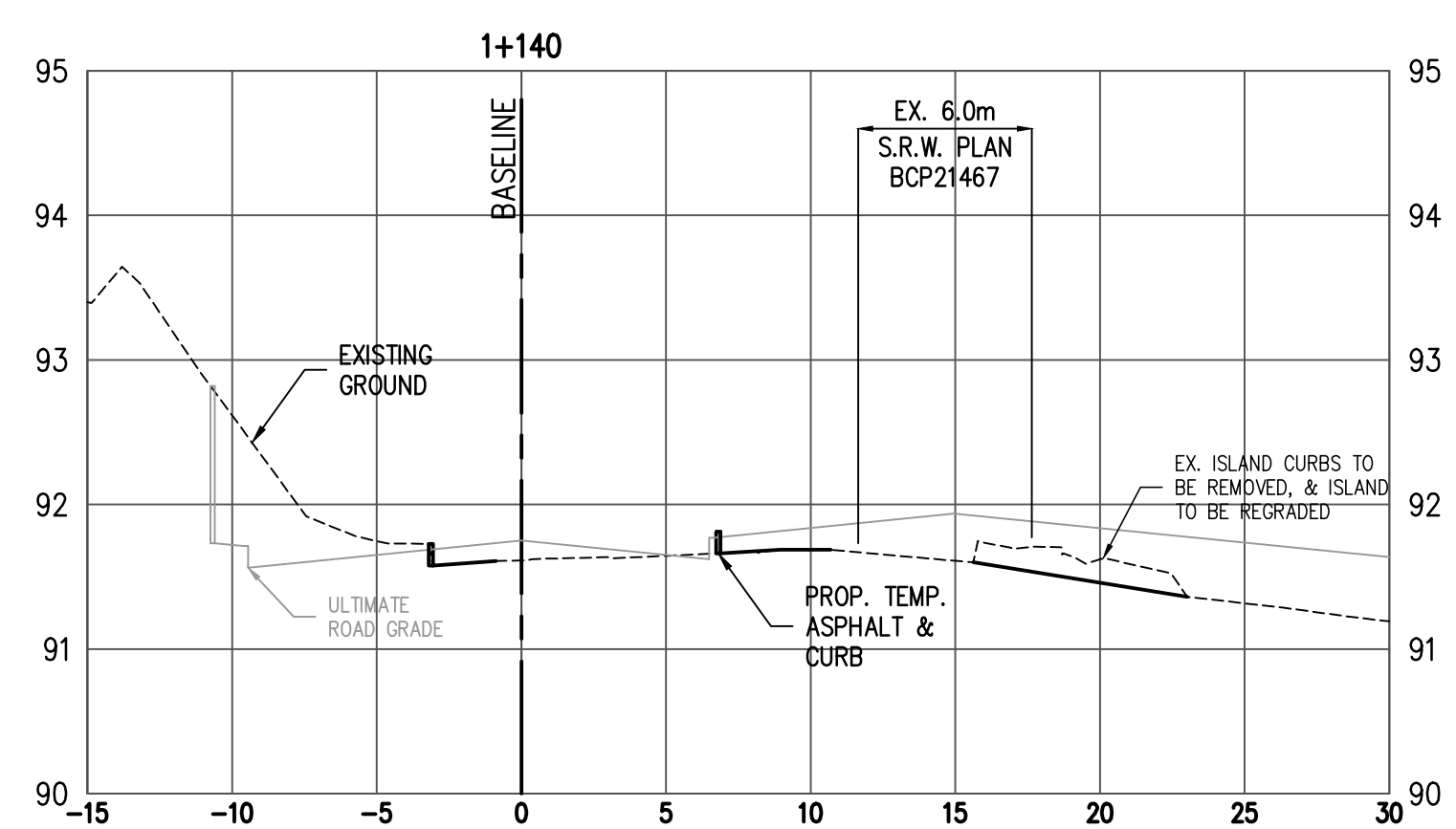
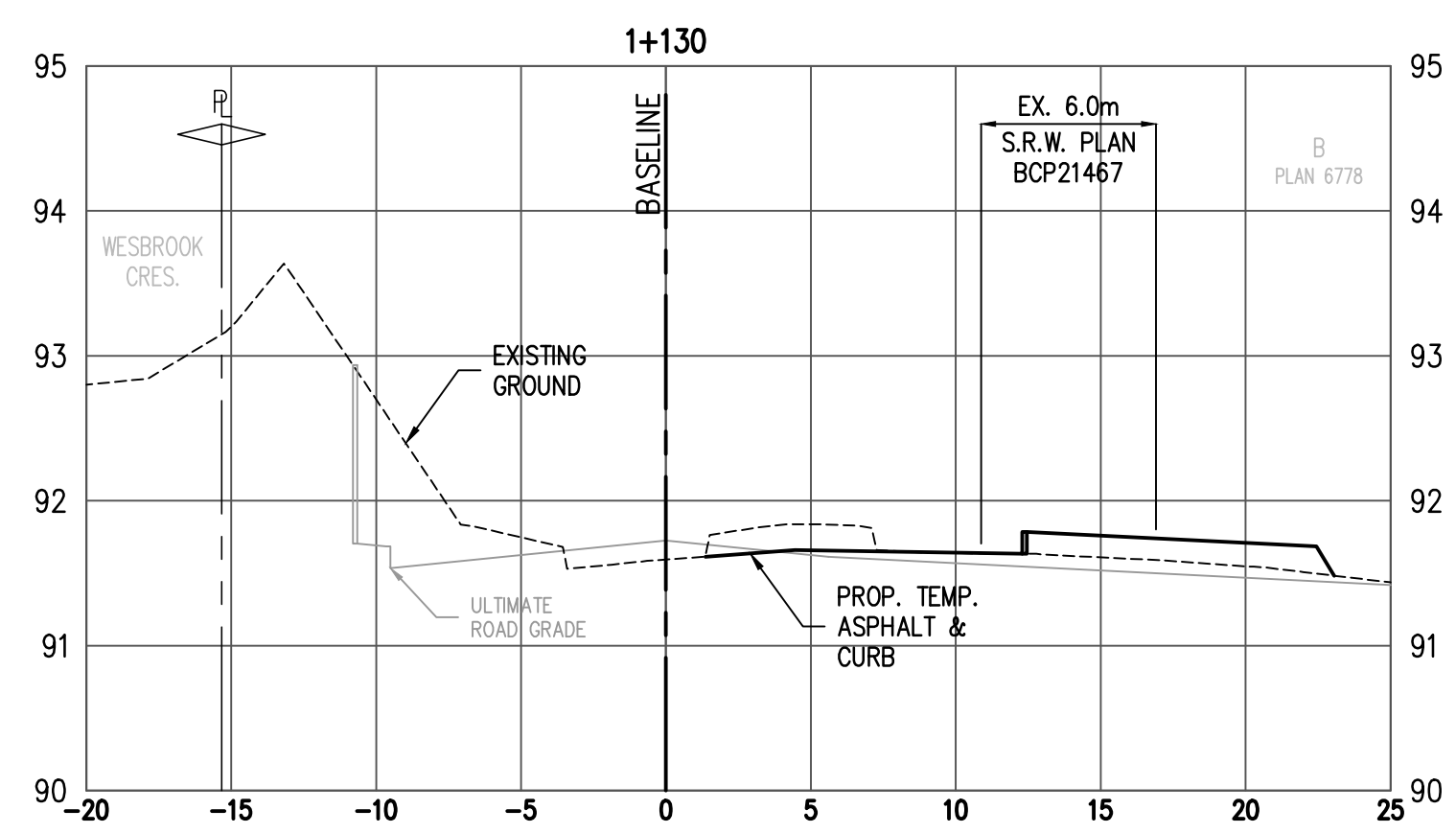
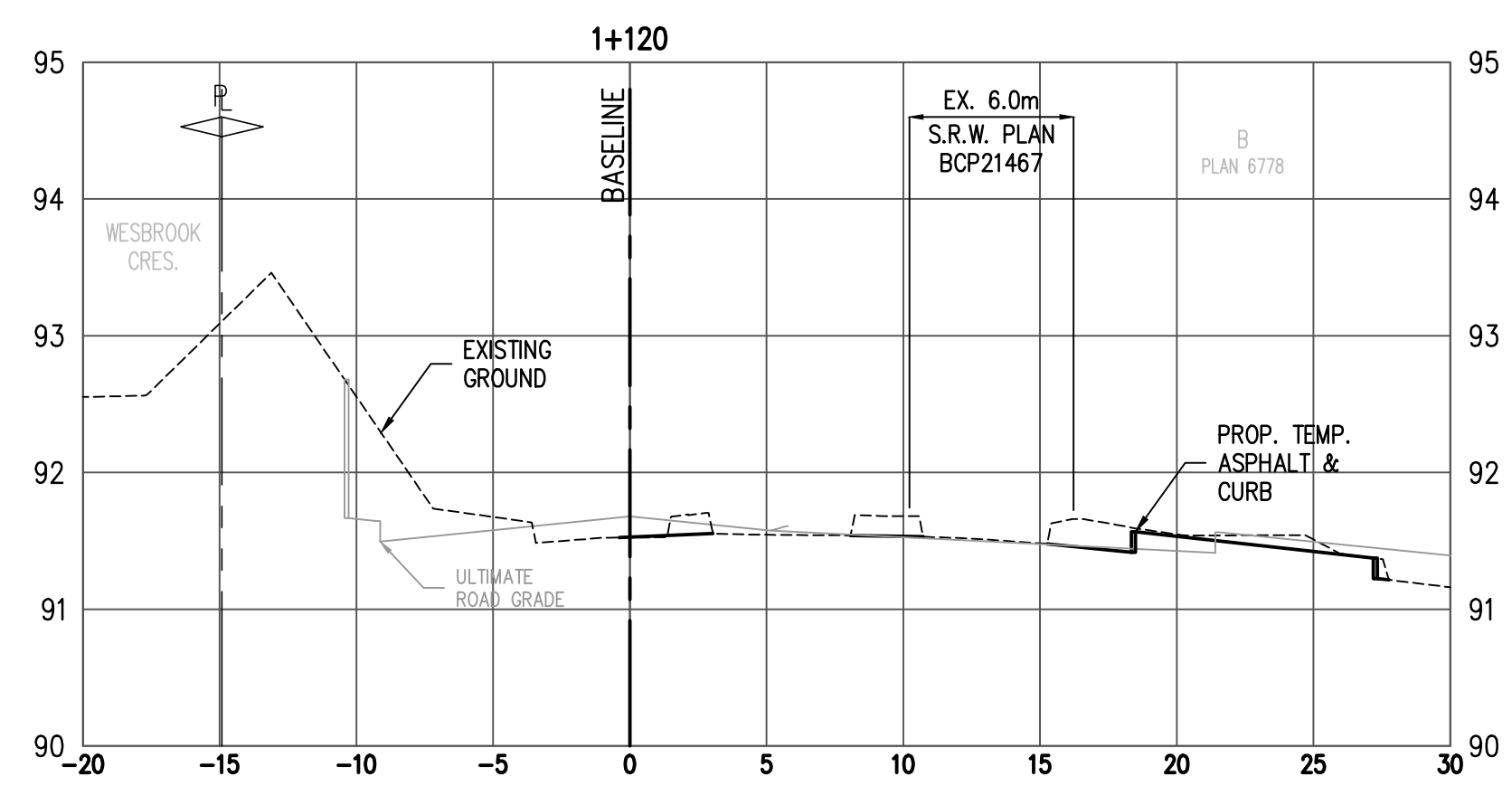
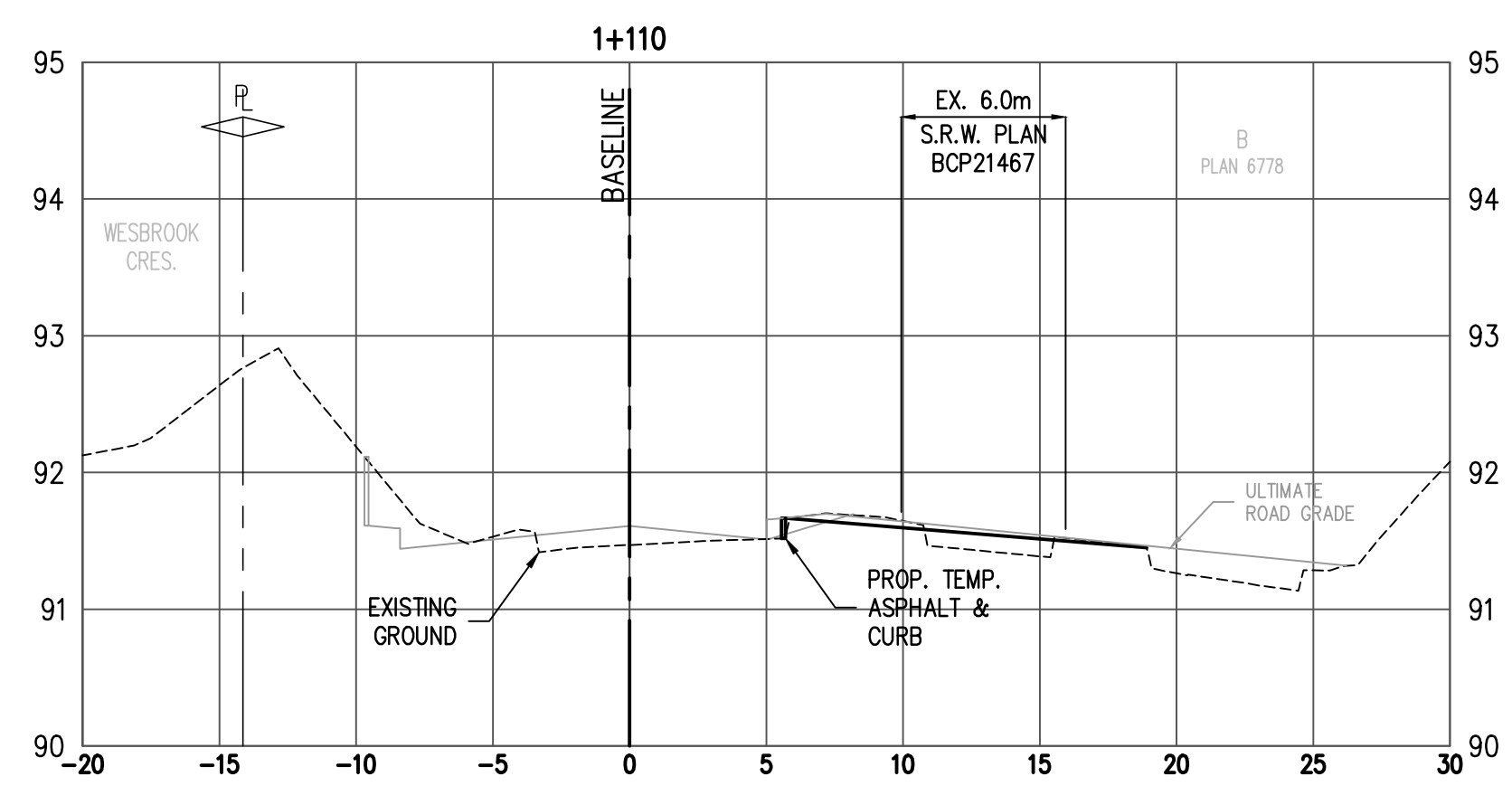
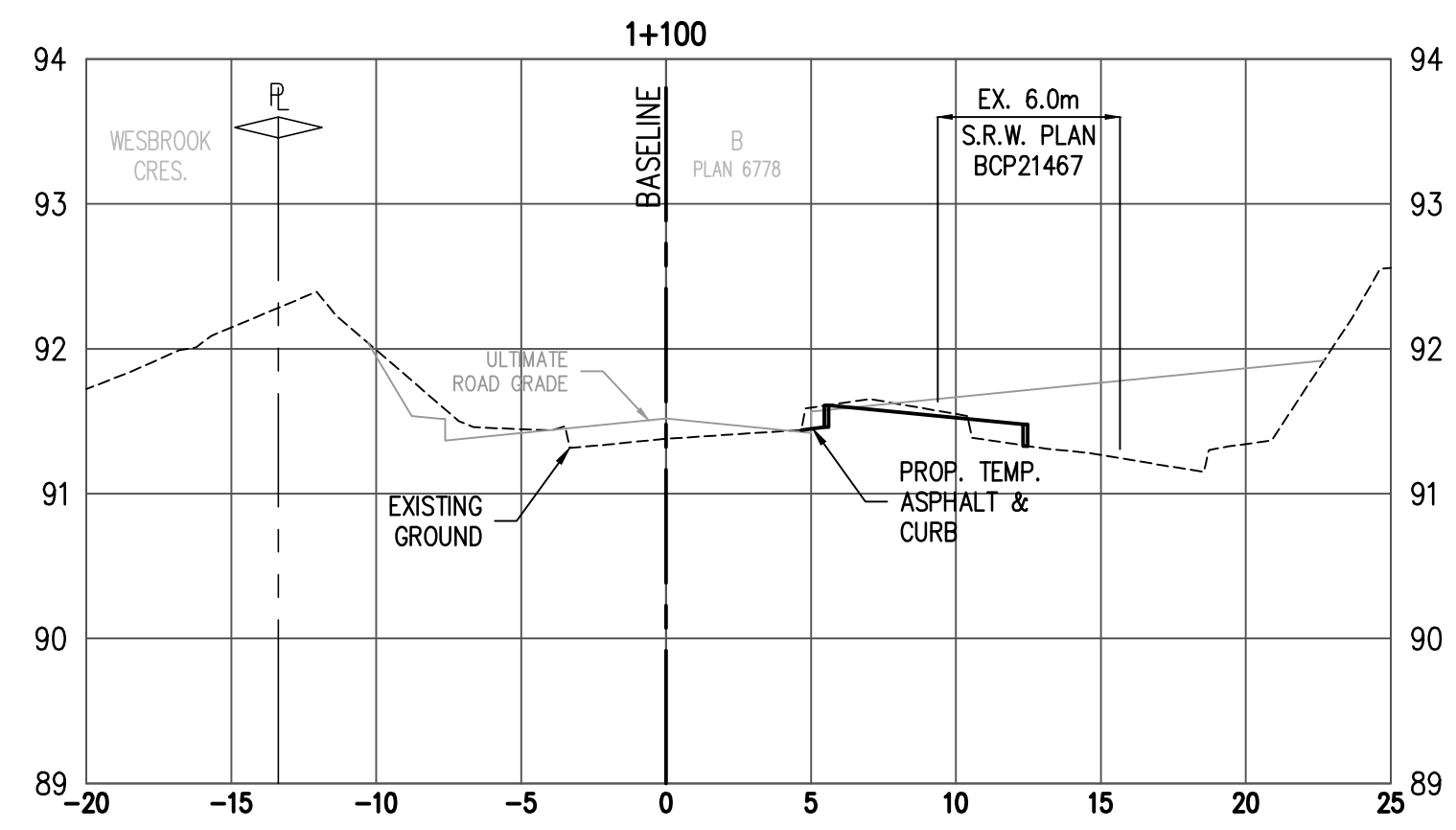
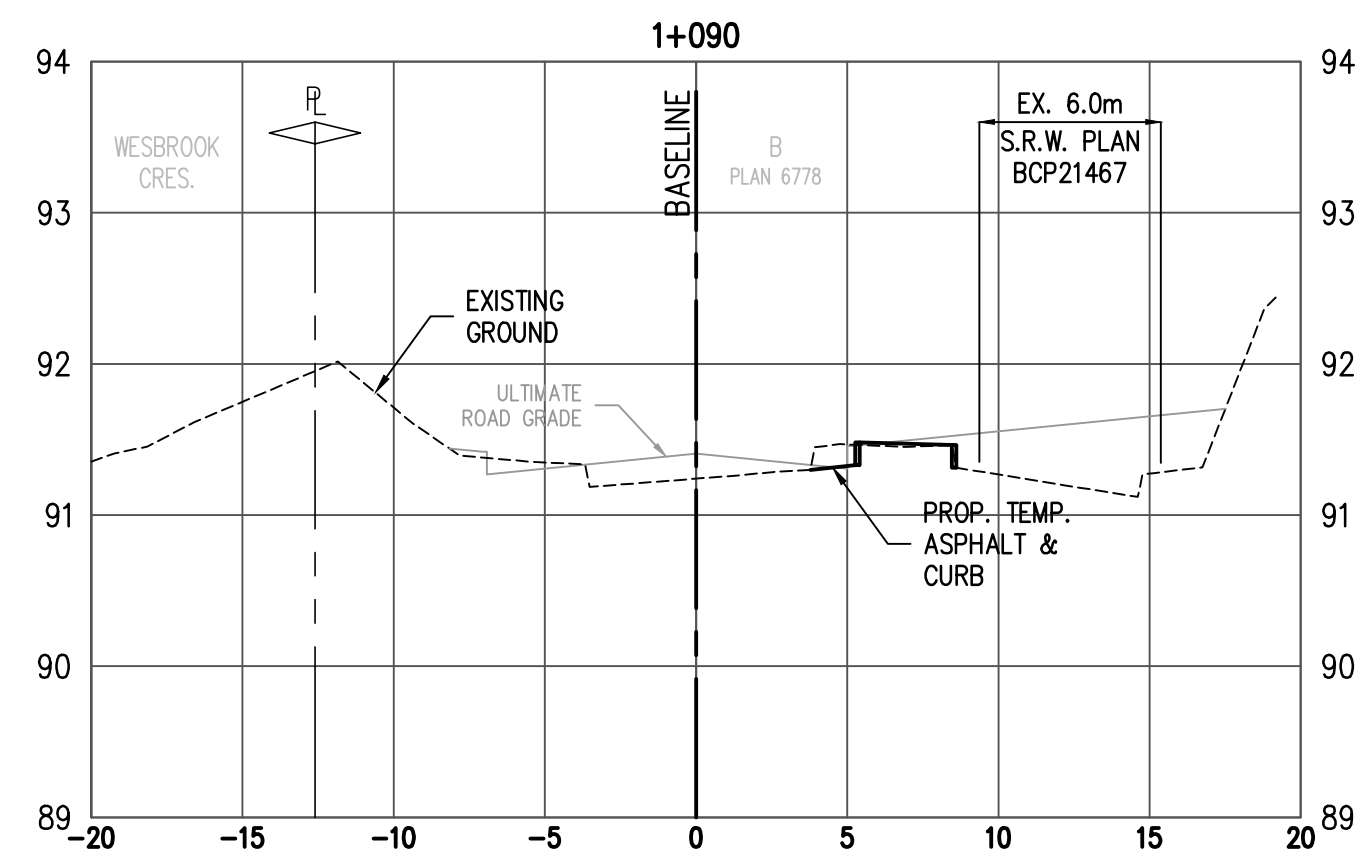
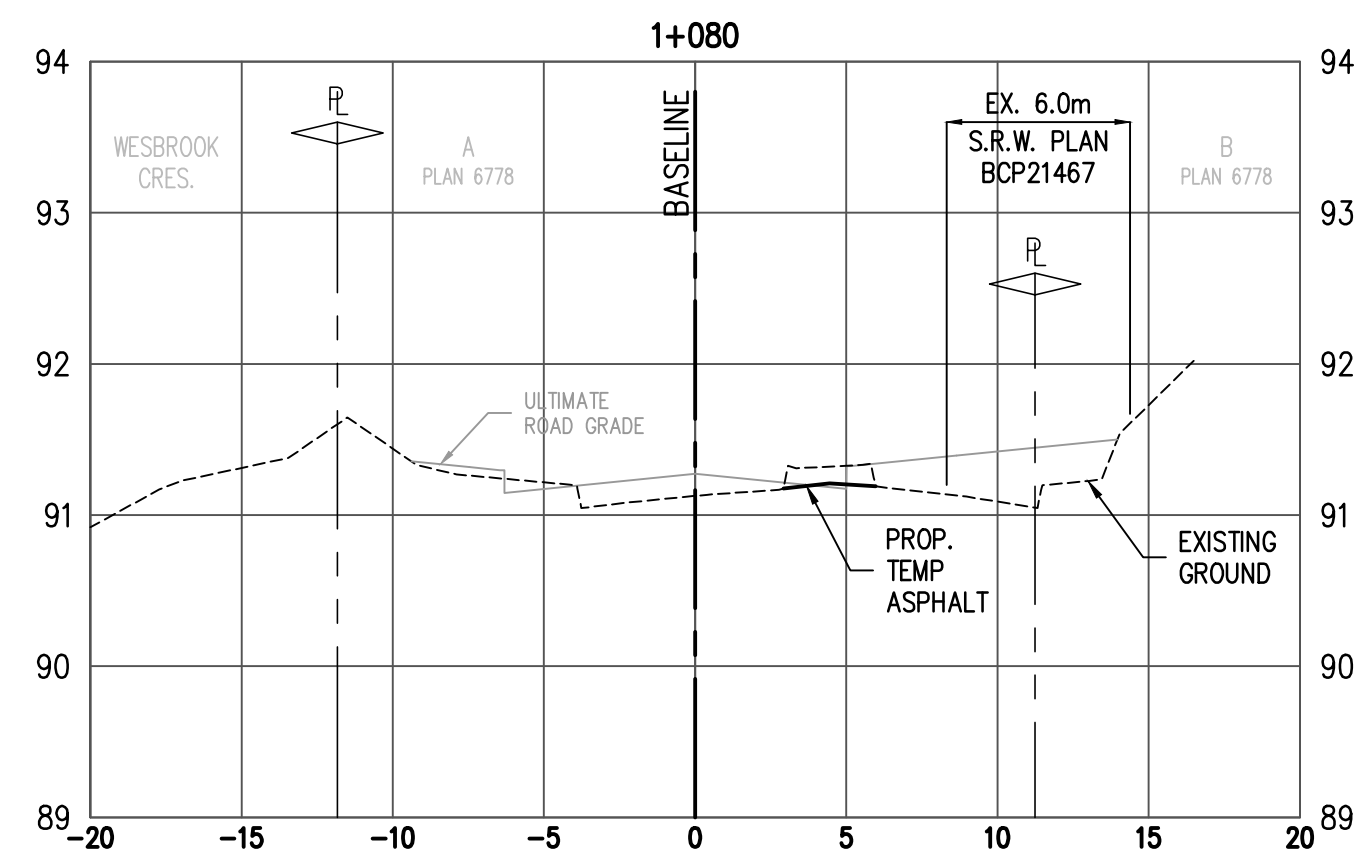
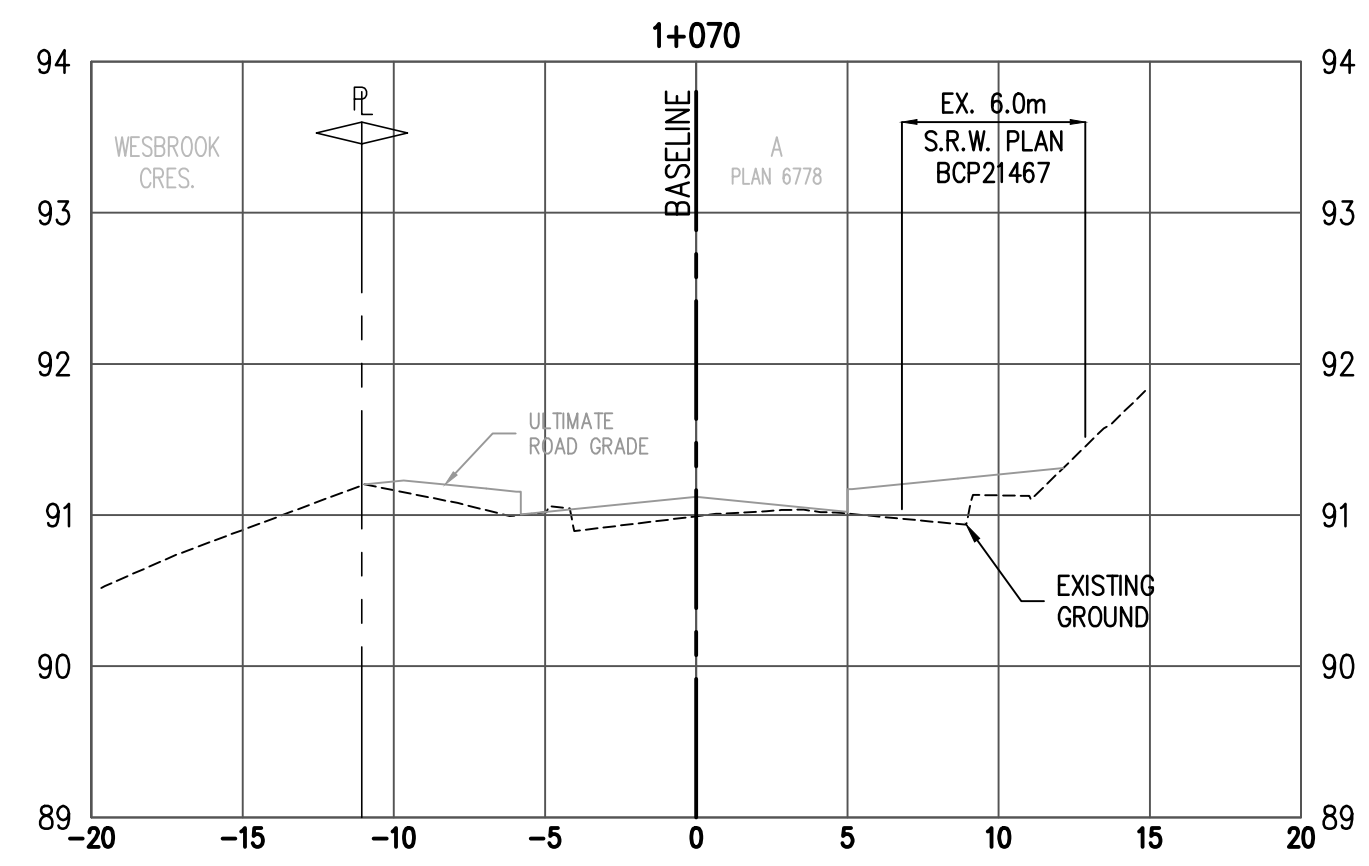
Civil Design
PAVING - GRADING
WESBROOK MALL

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C 12

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SEAL

UBC Gage South

Civil Design
CROSS SECTIONS
WESBROOK MALL

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C 13

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GRAPHIC SCALE



SCALE: H 1:250
V 1:50

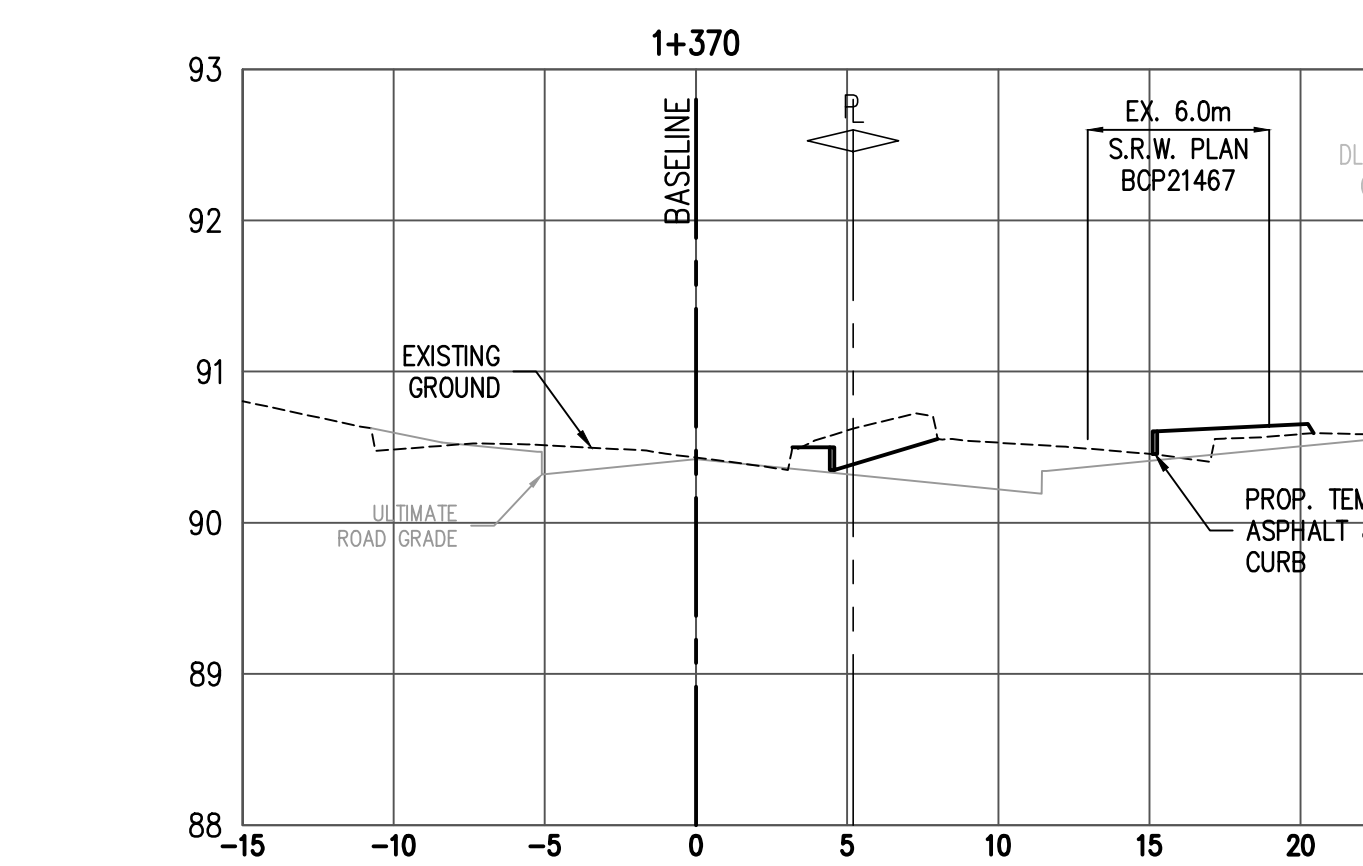
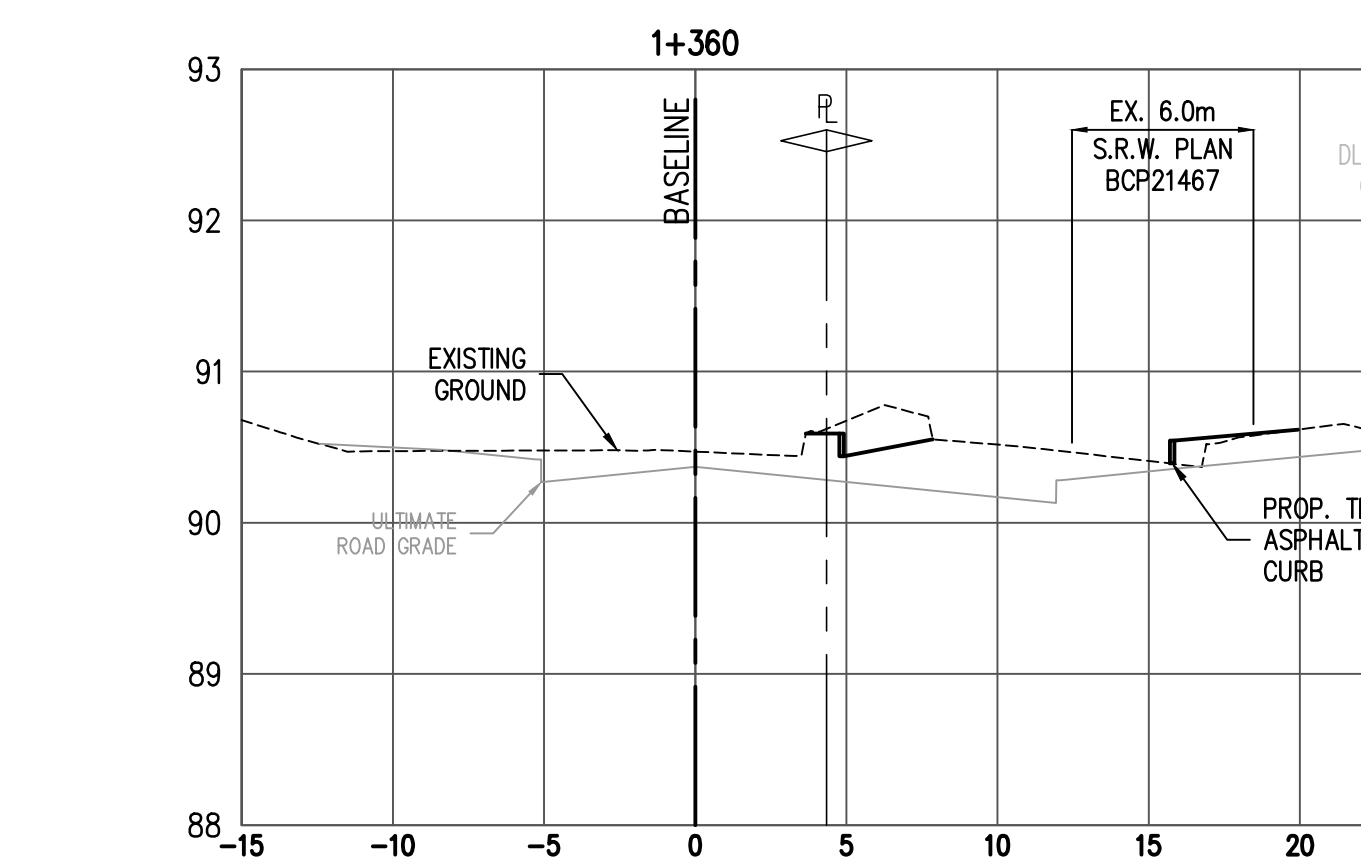
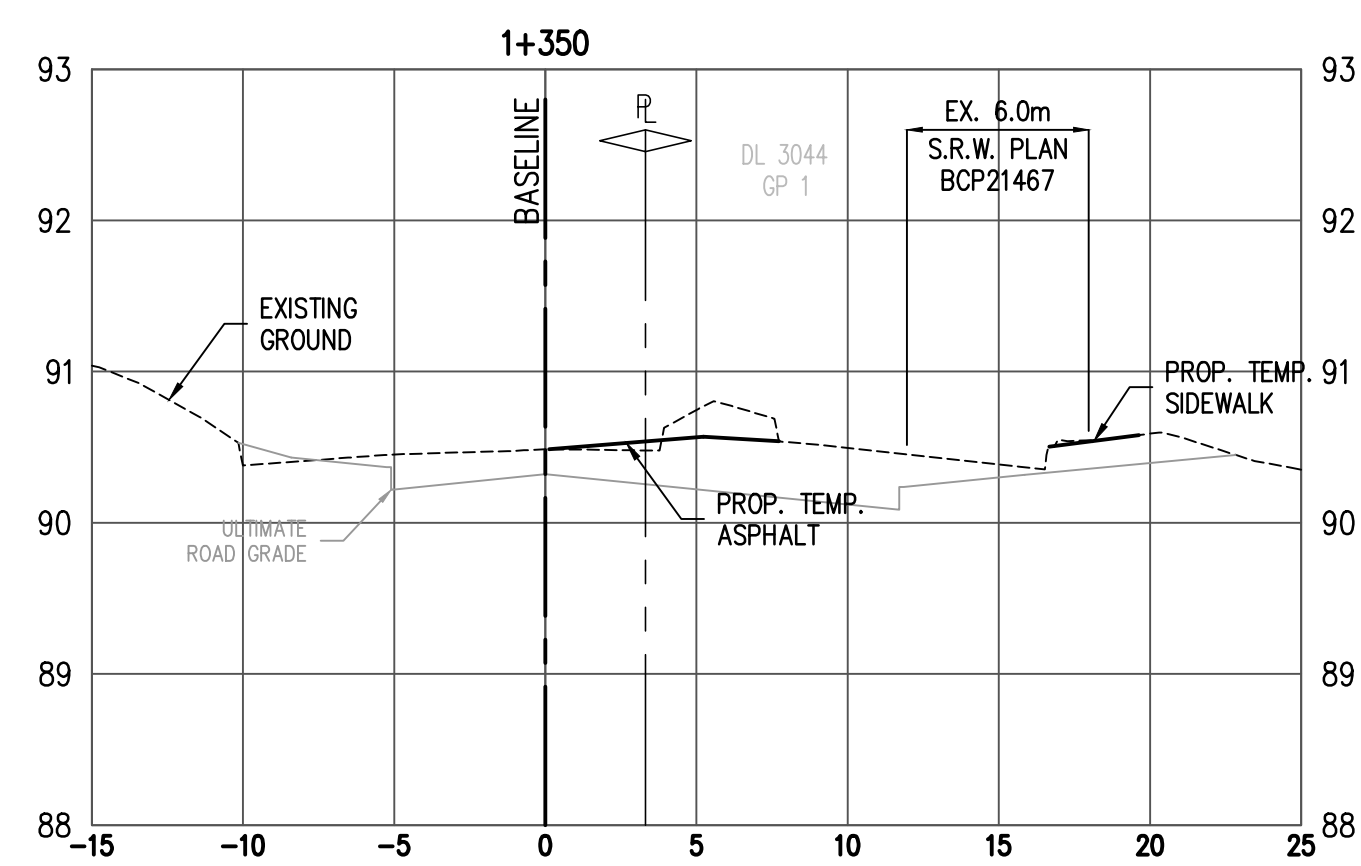
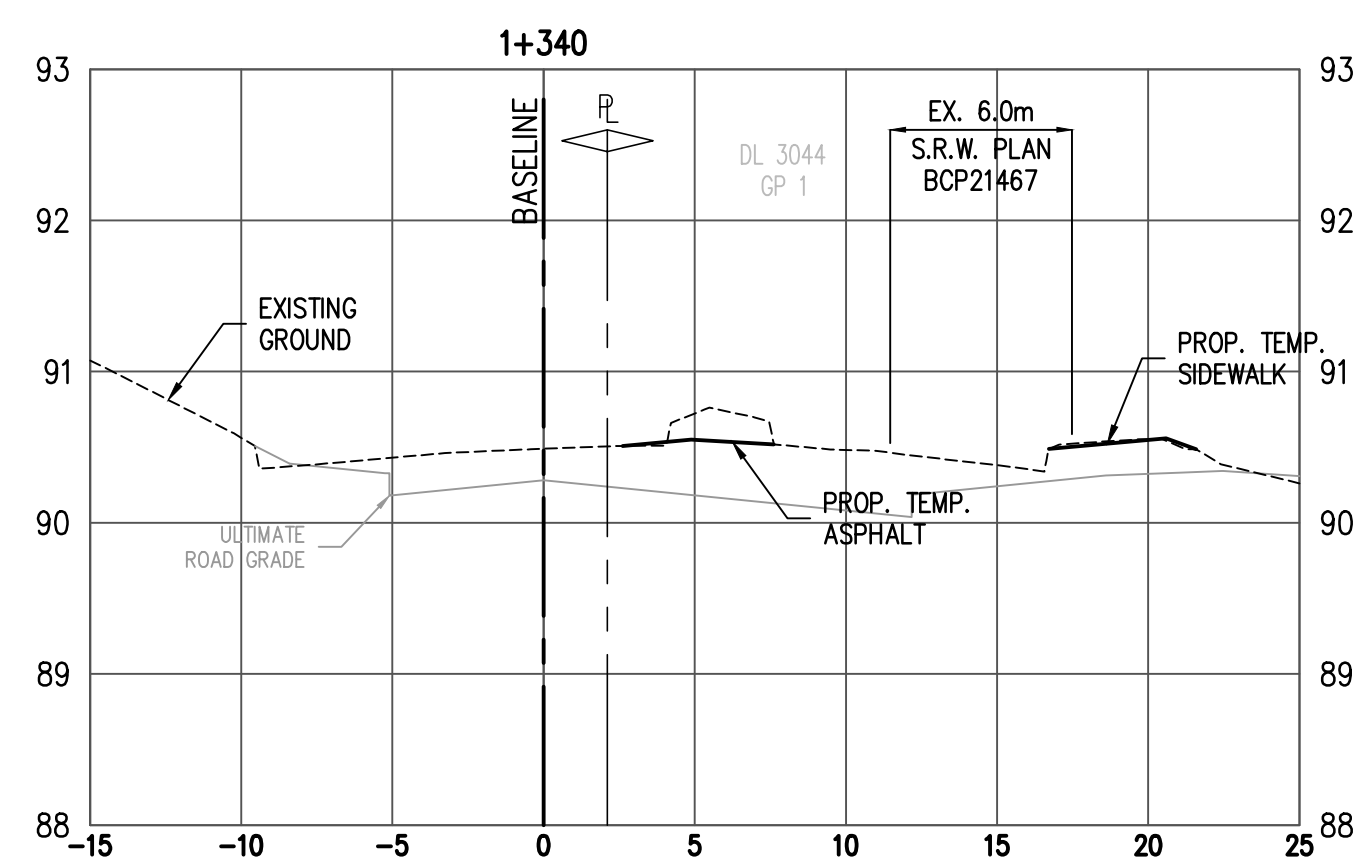
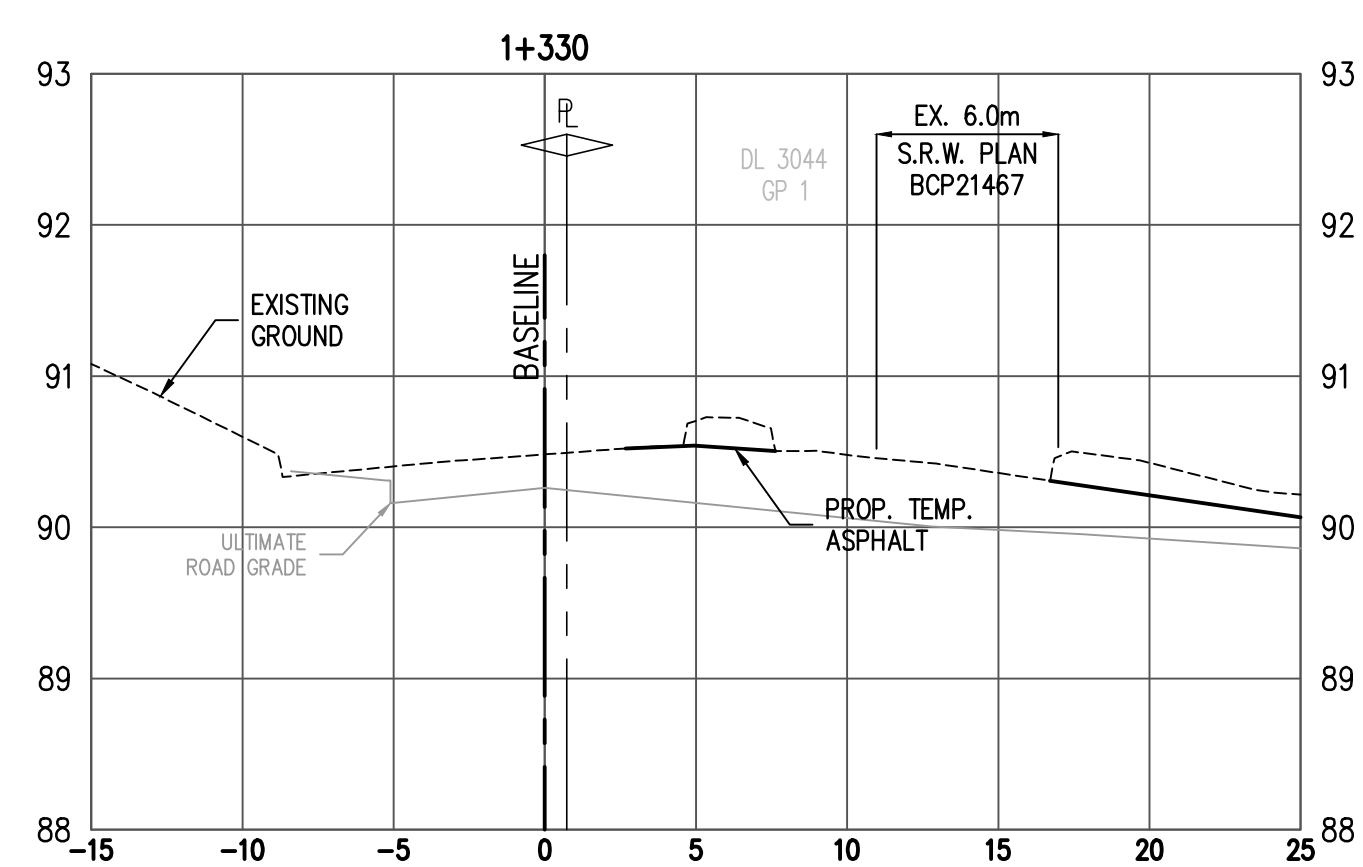
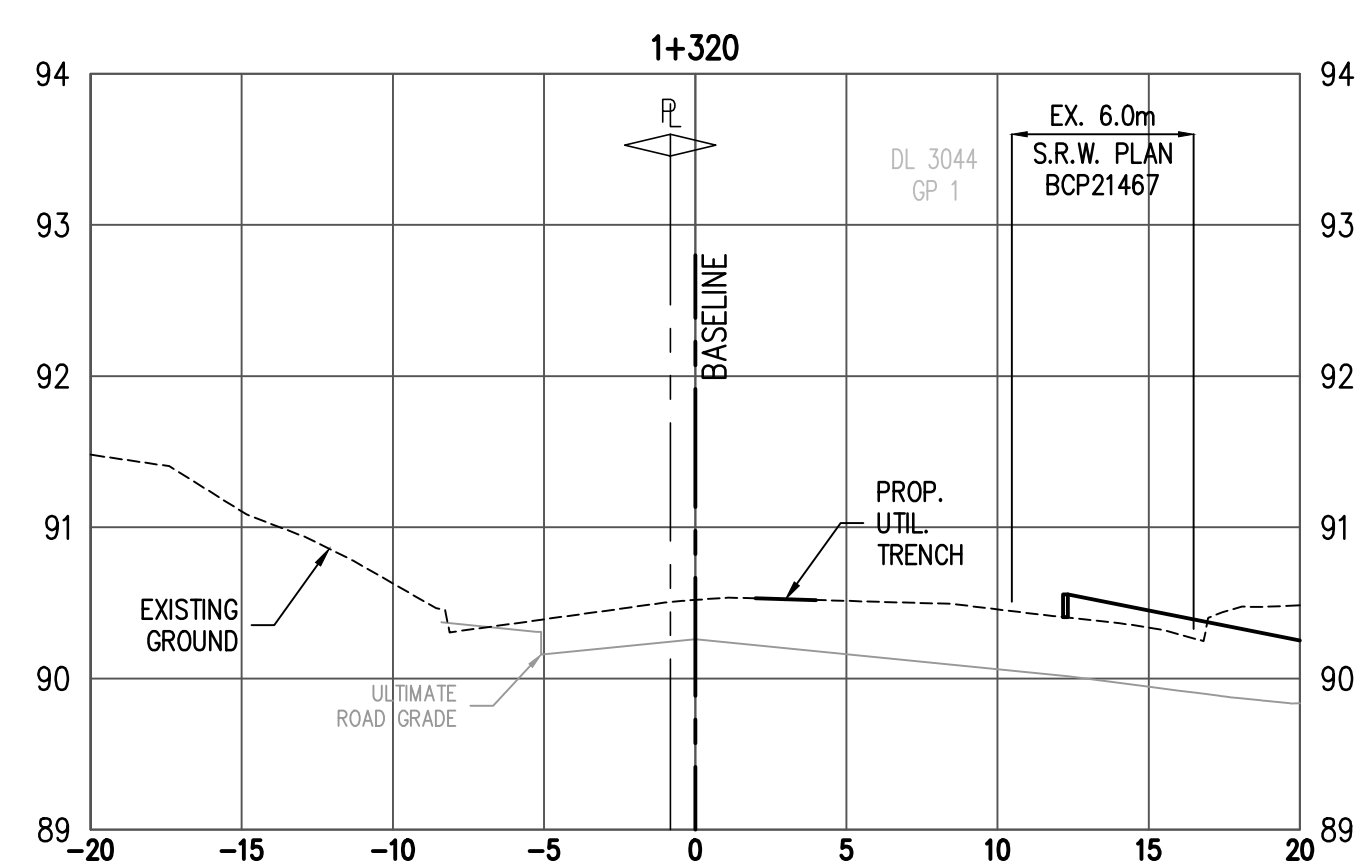
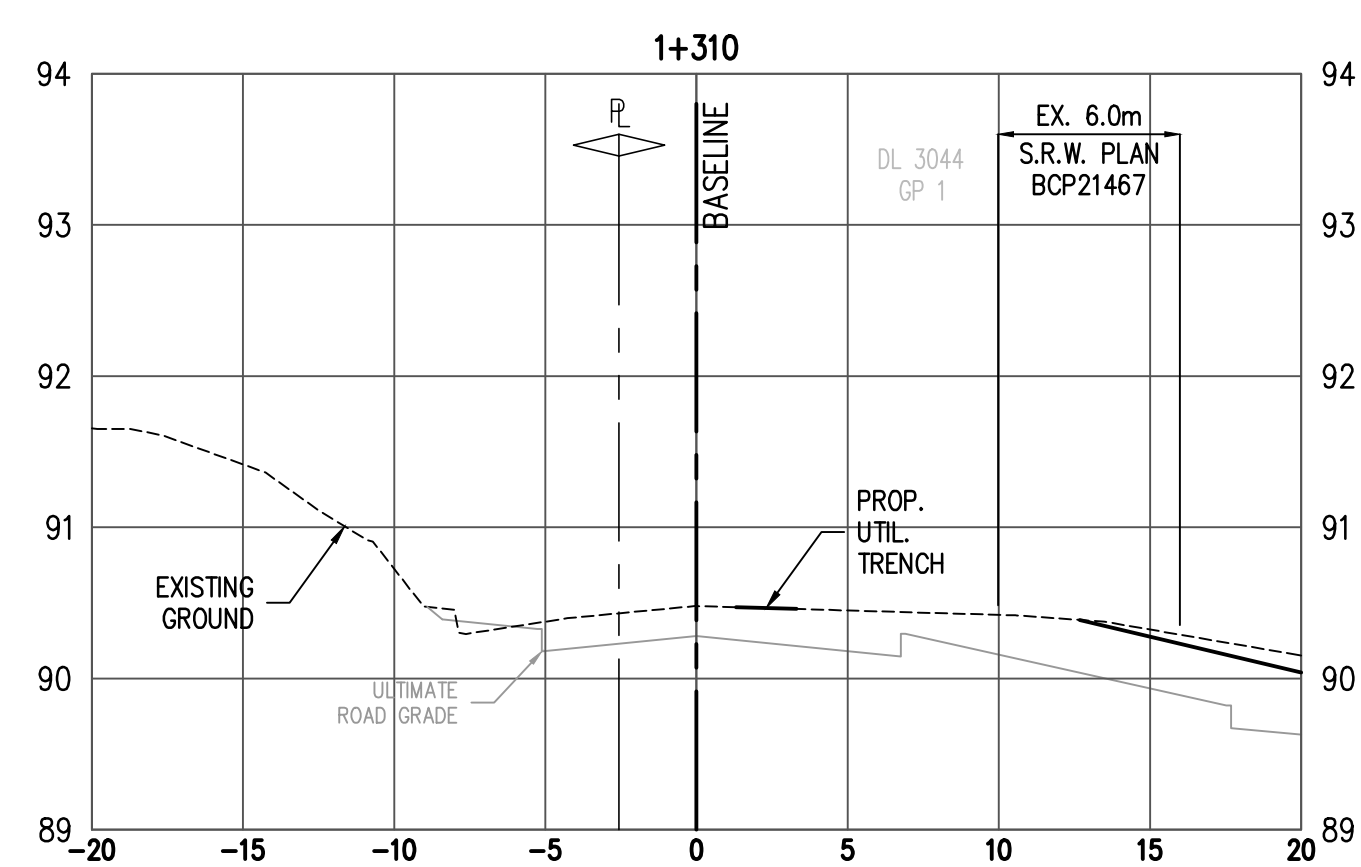
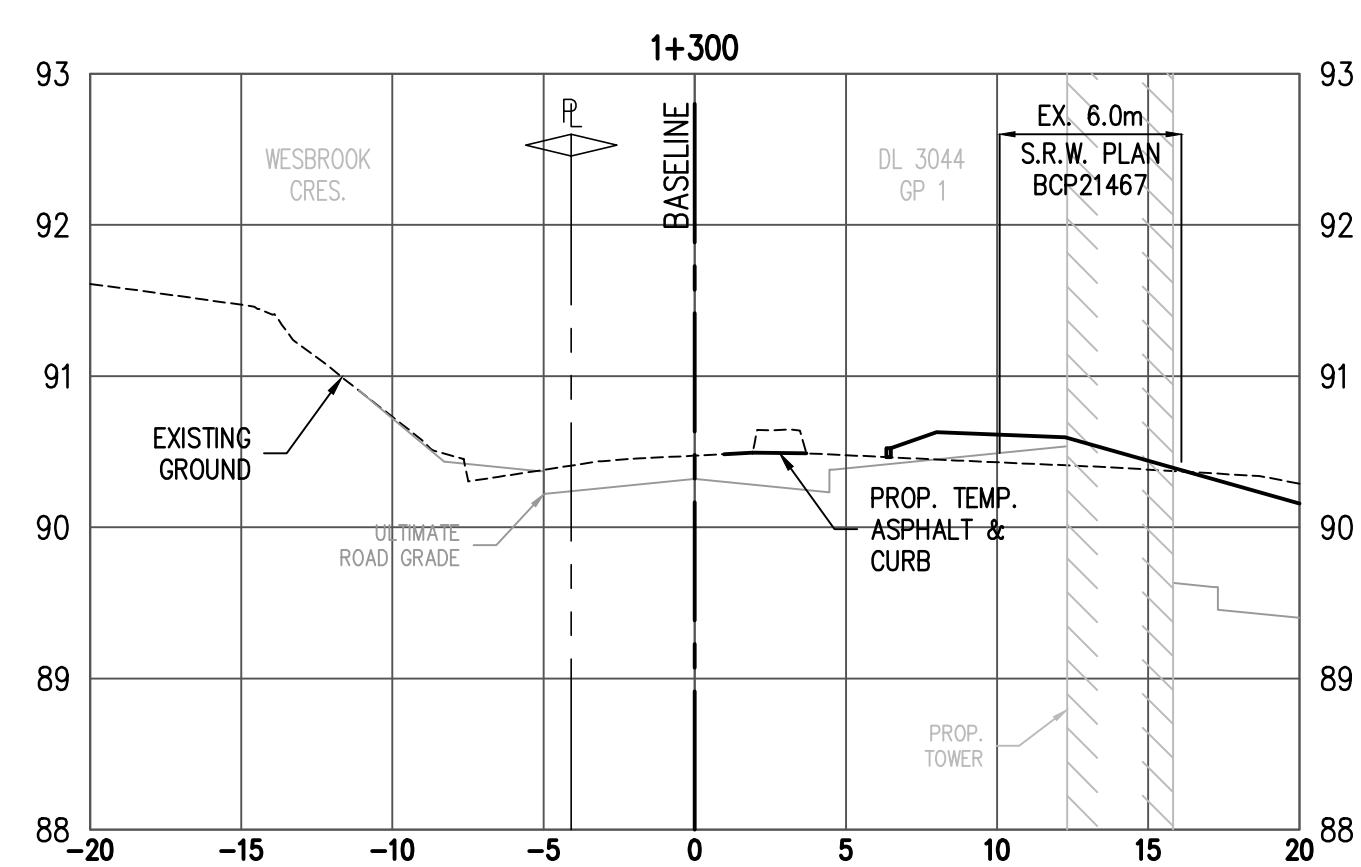
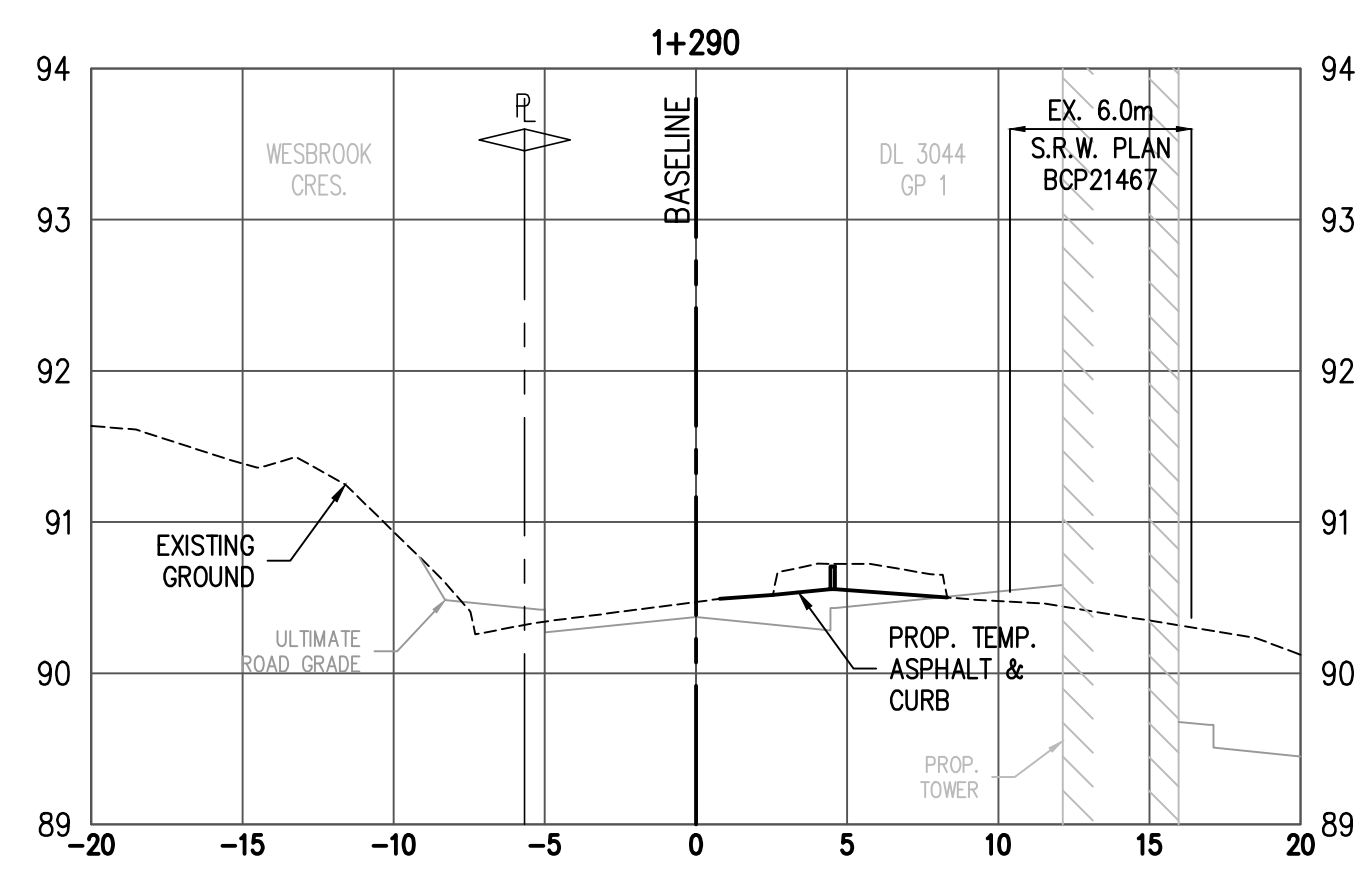
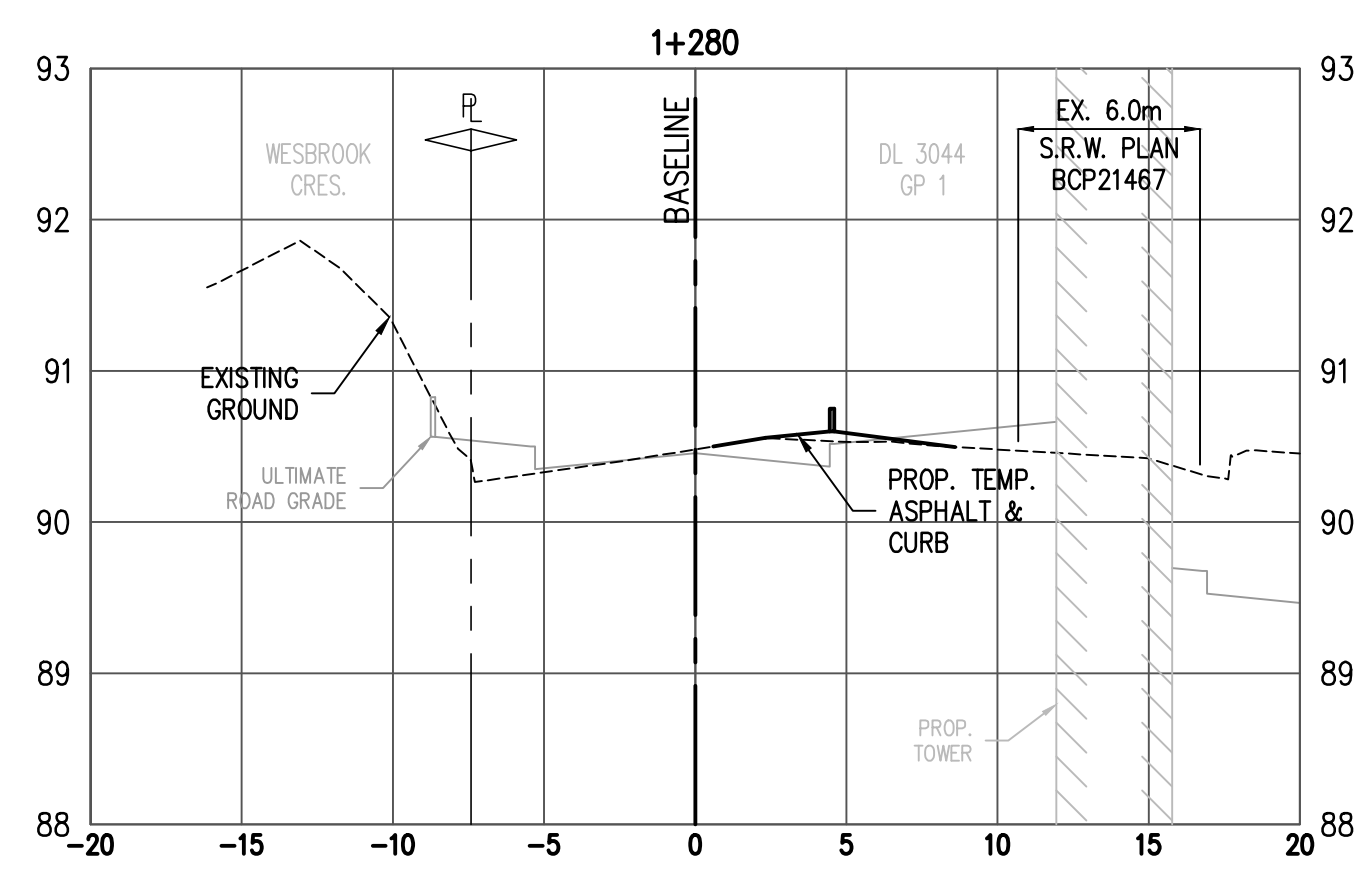
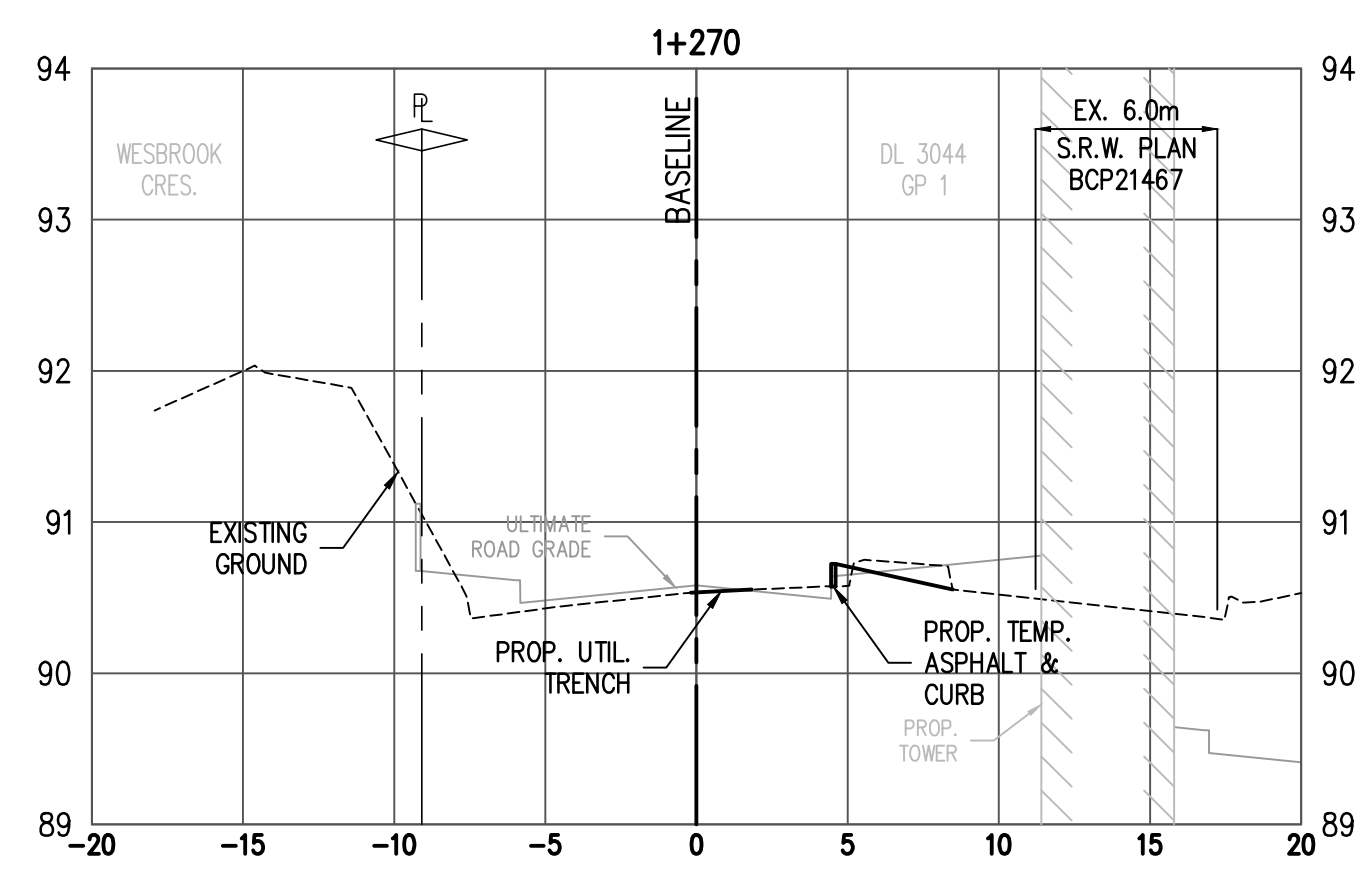
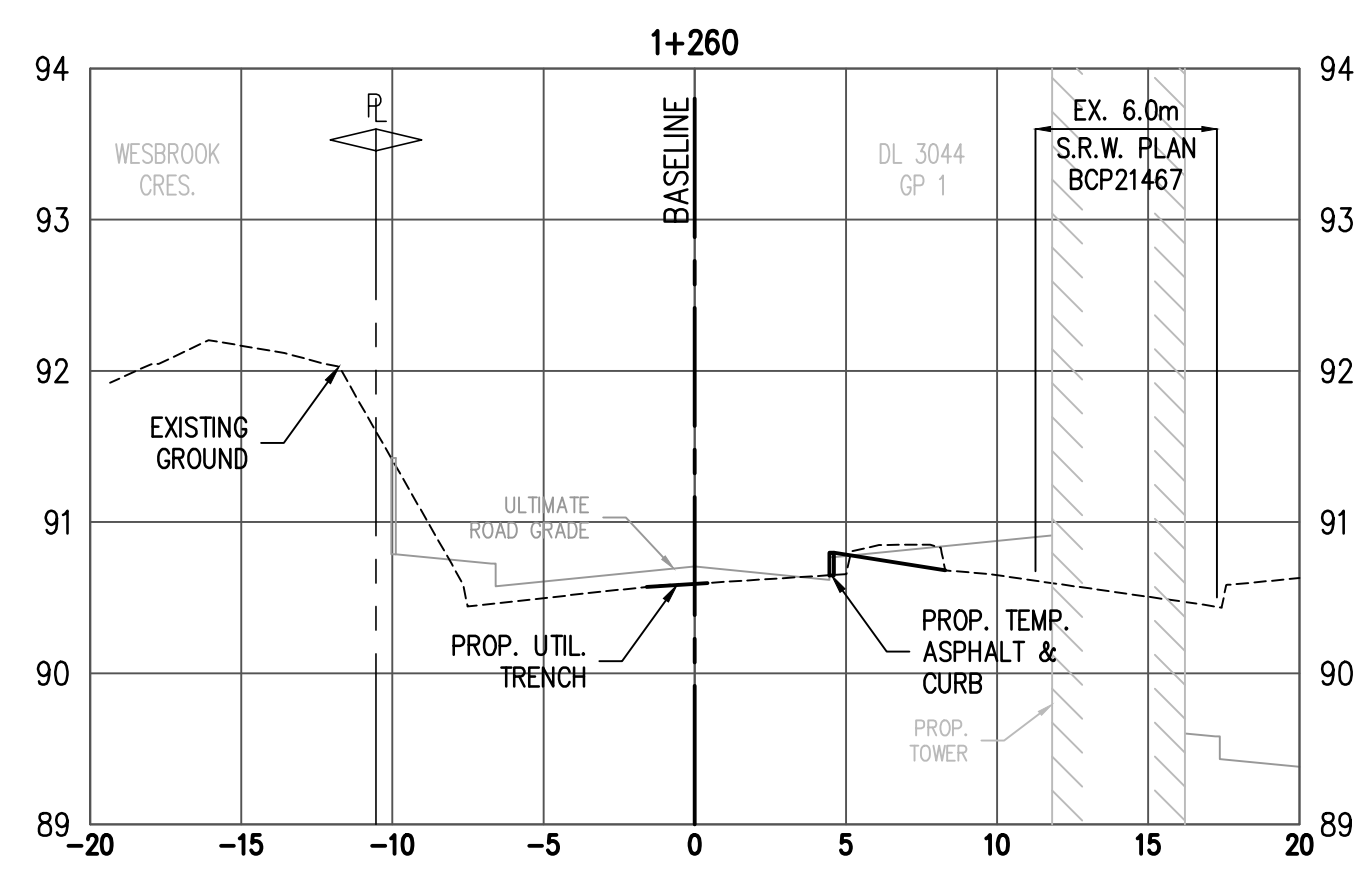
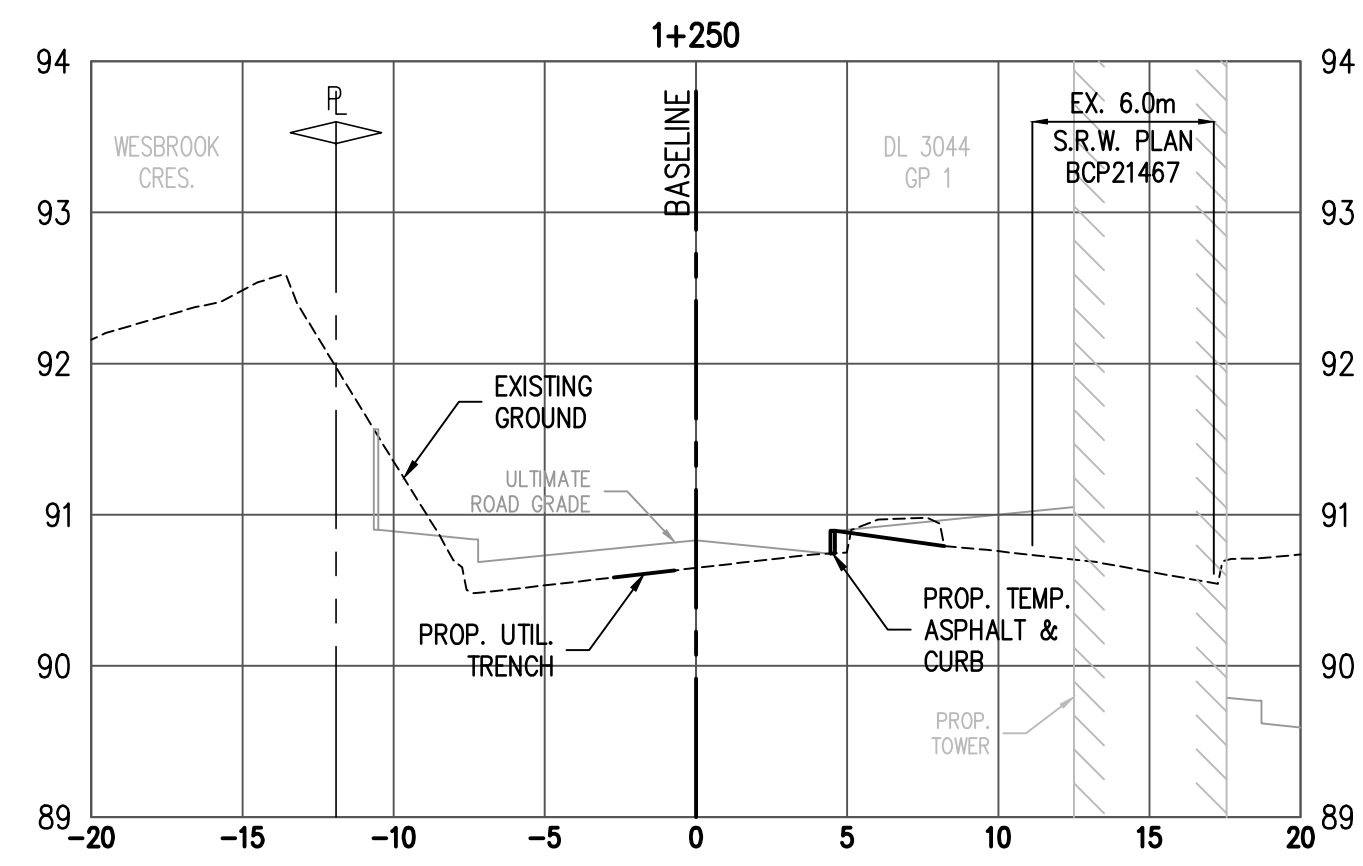
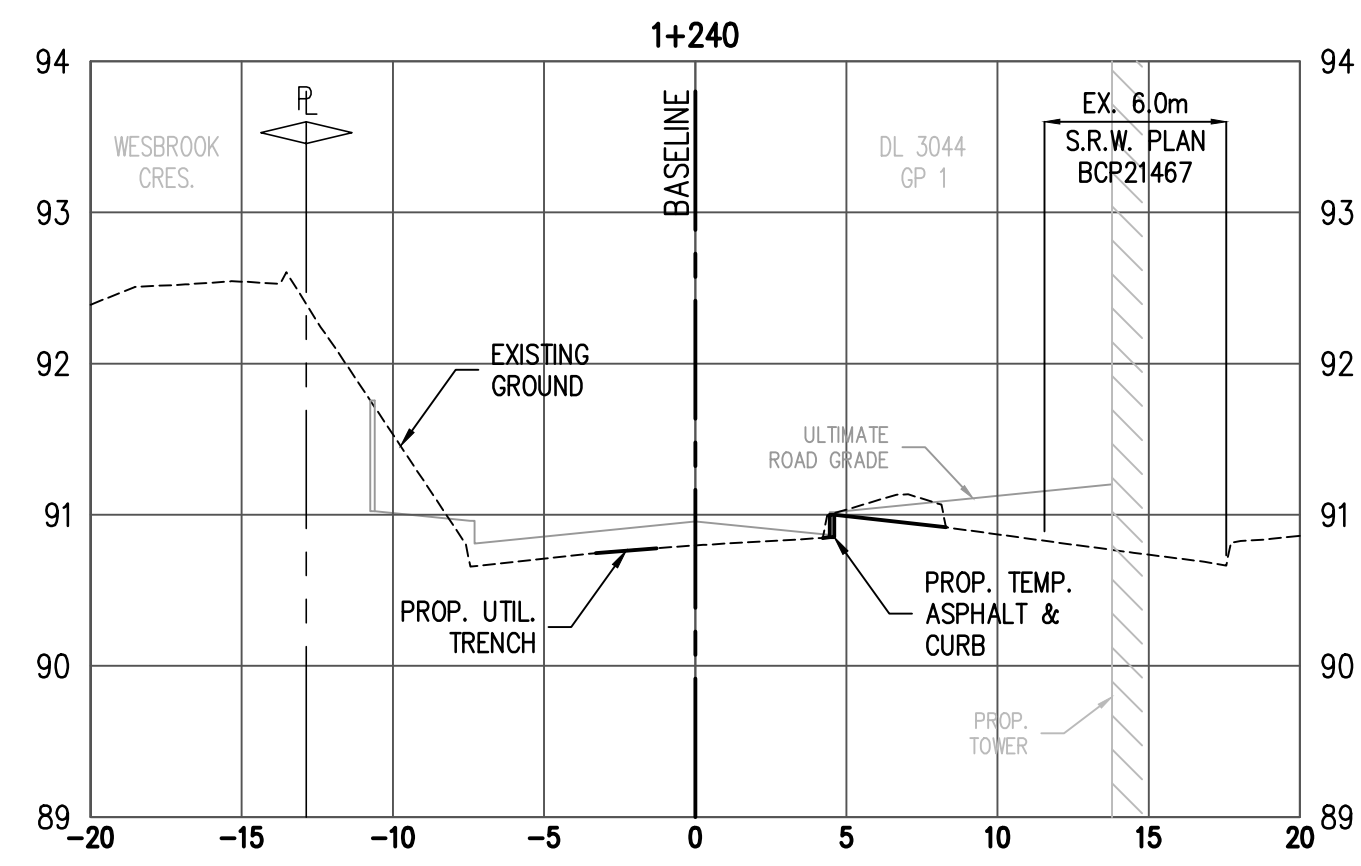
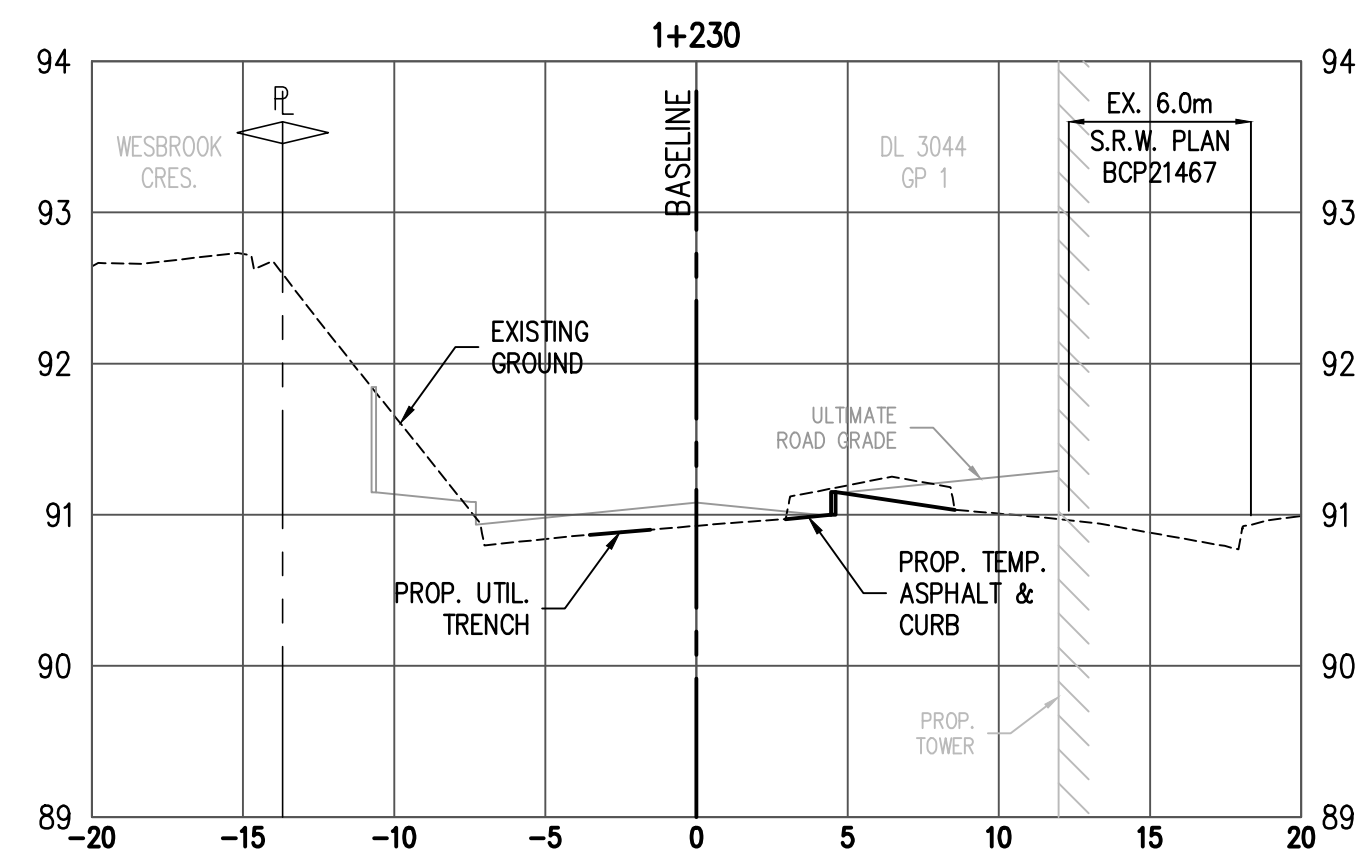
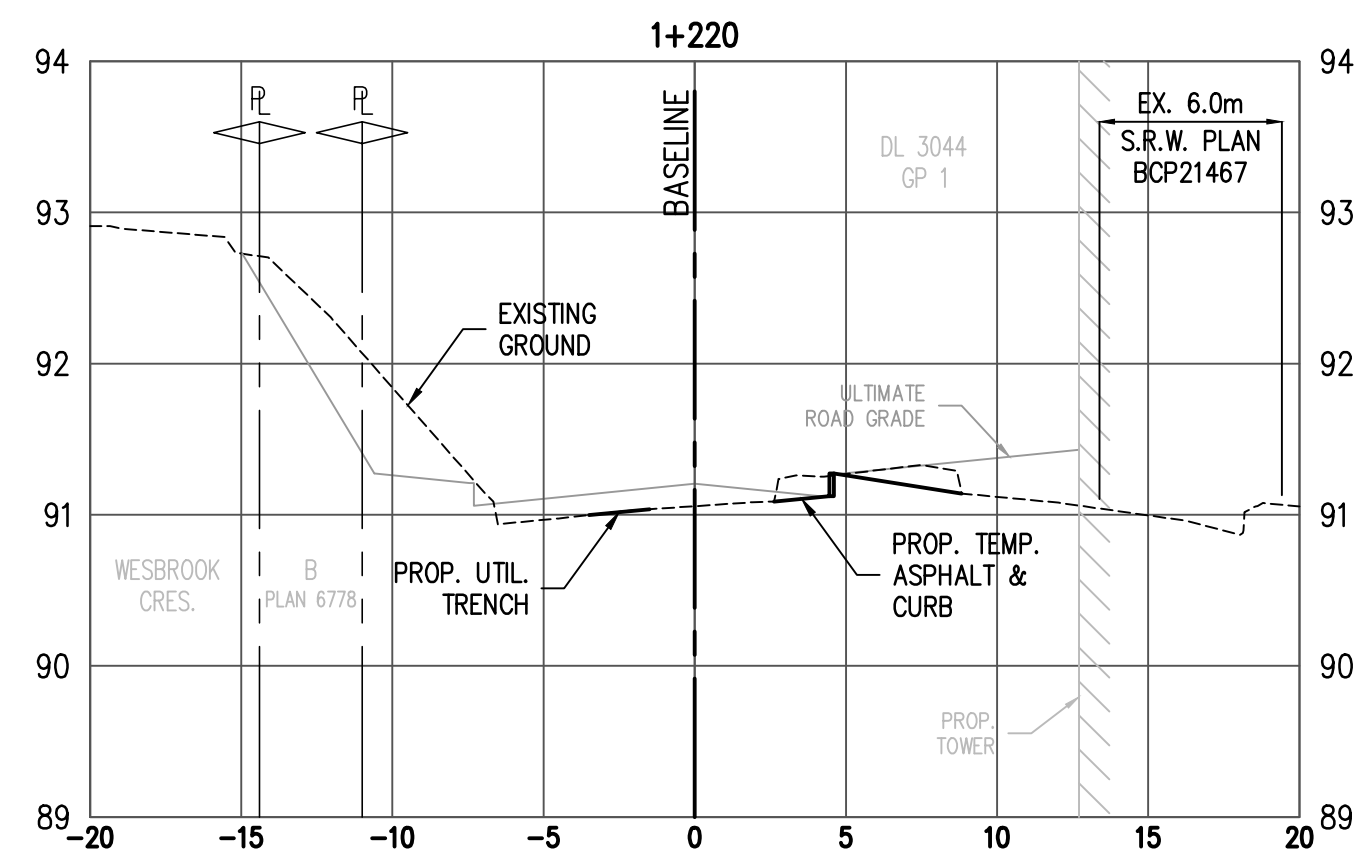
SEAL

UBC Gage South

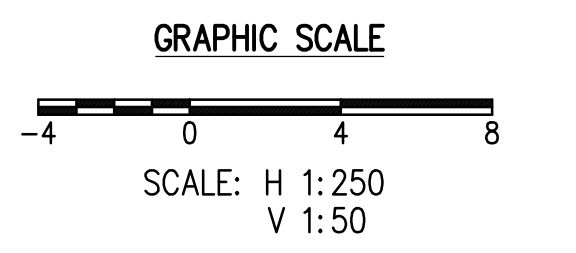
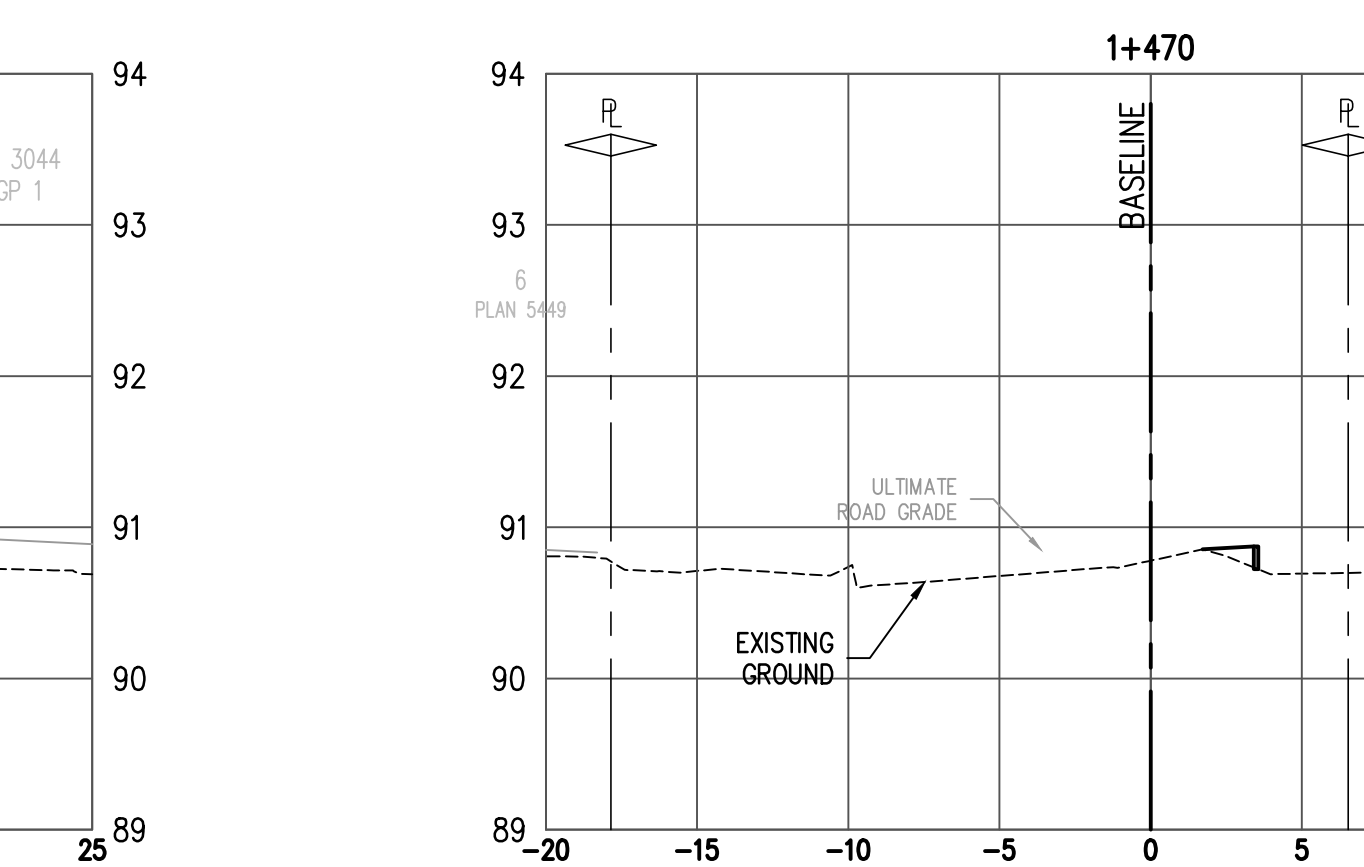
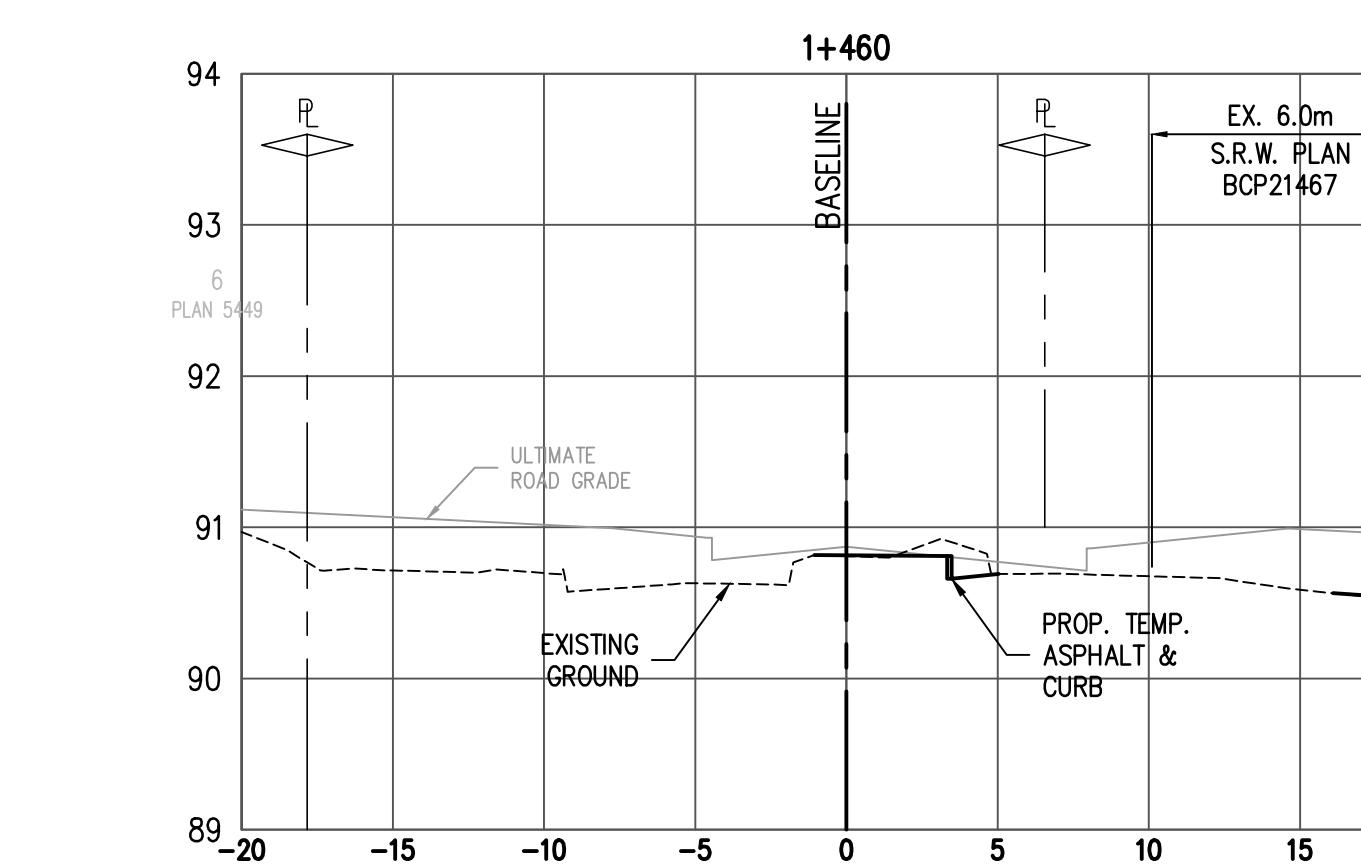
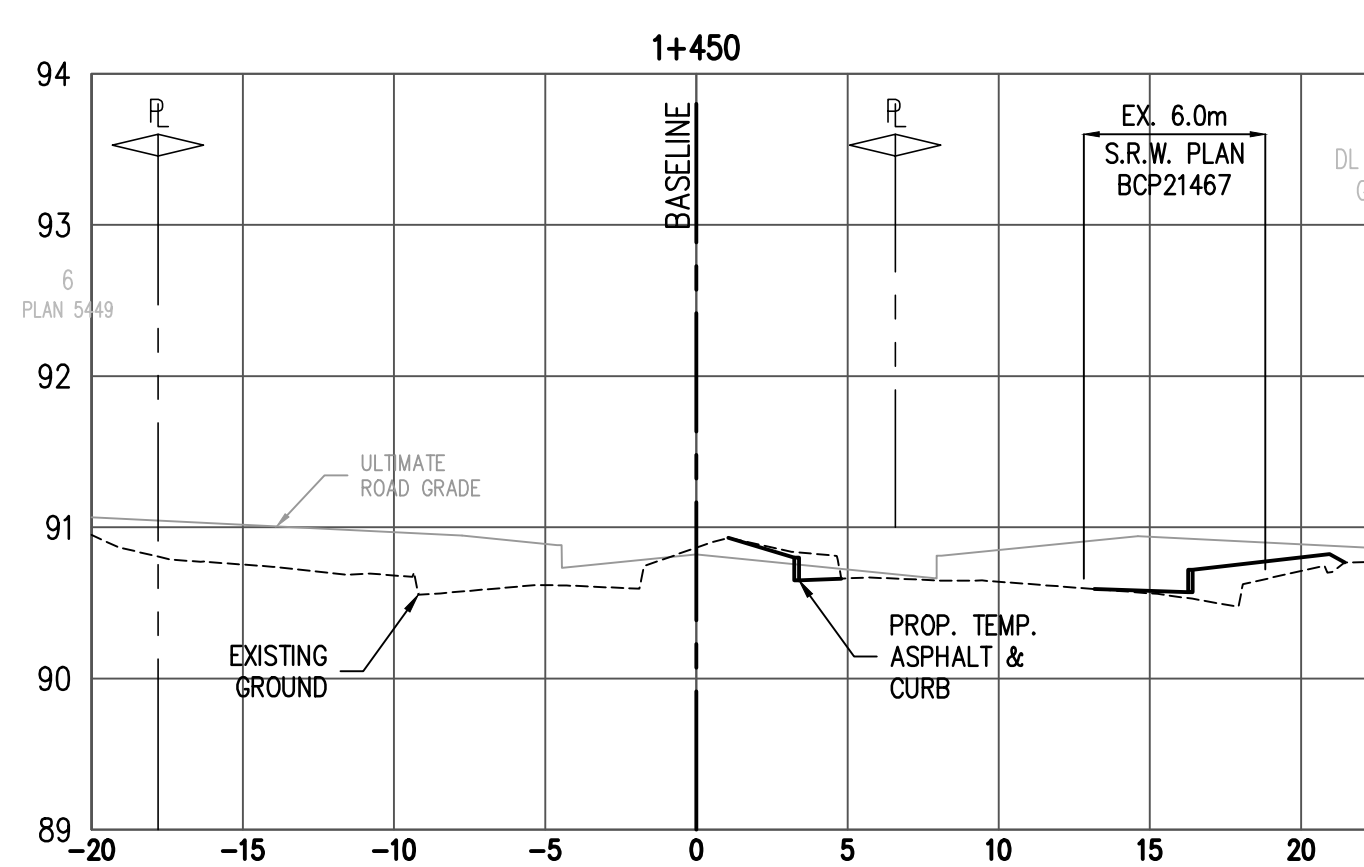
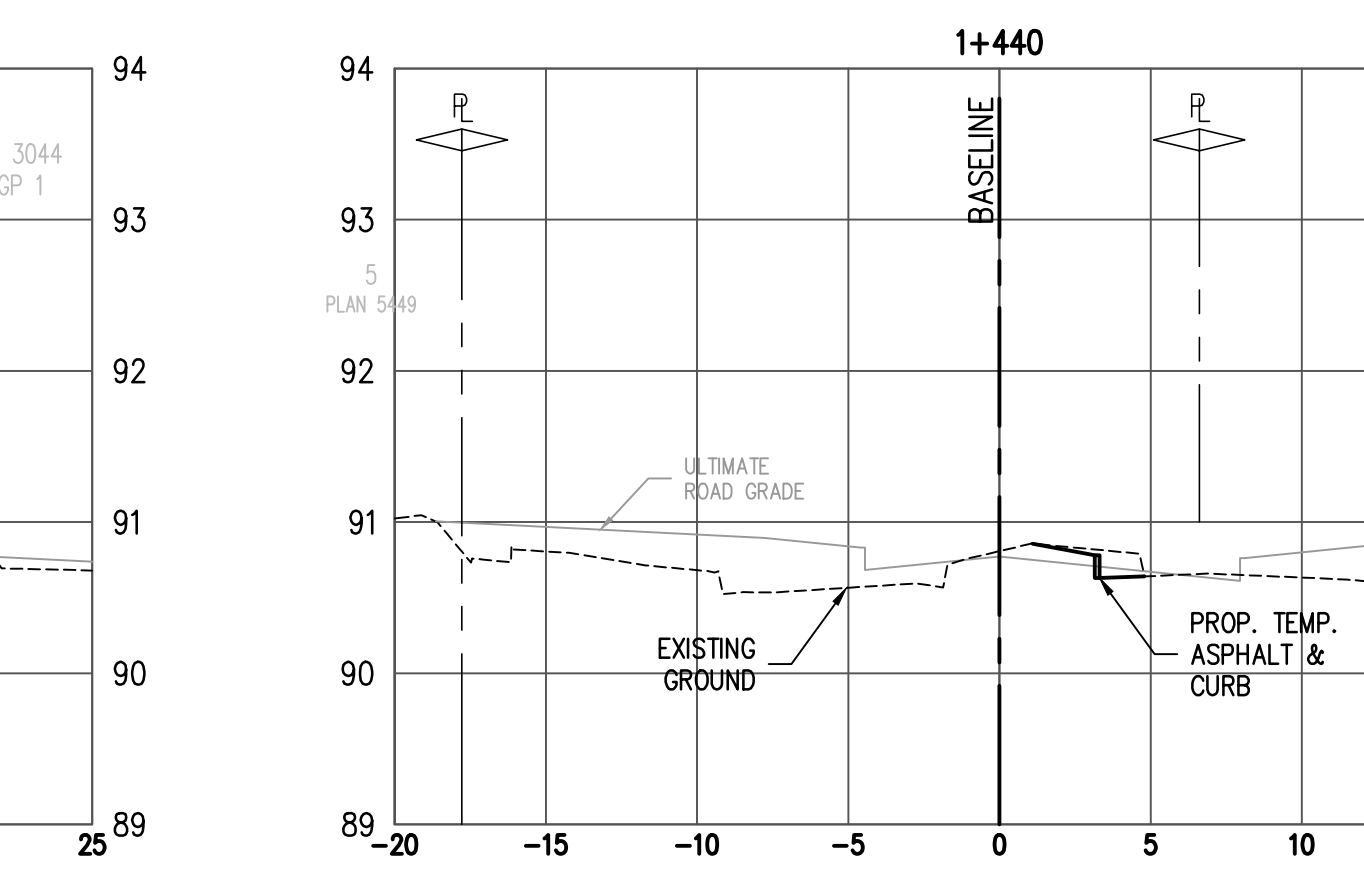
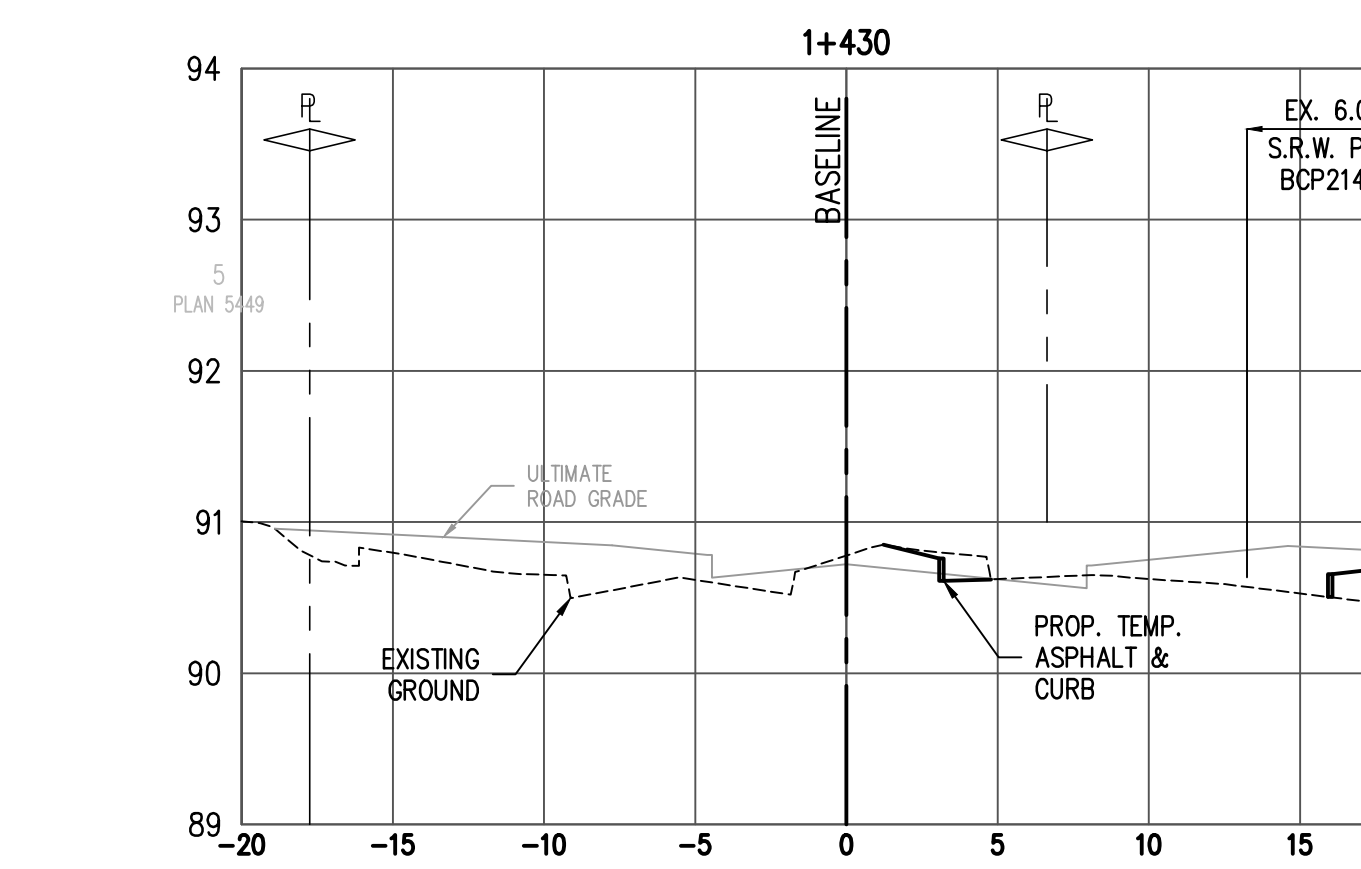
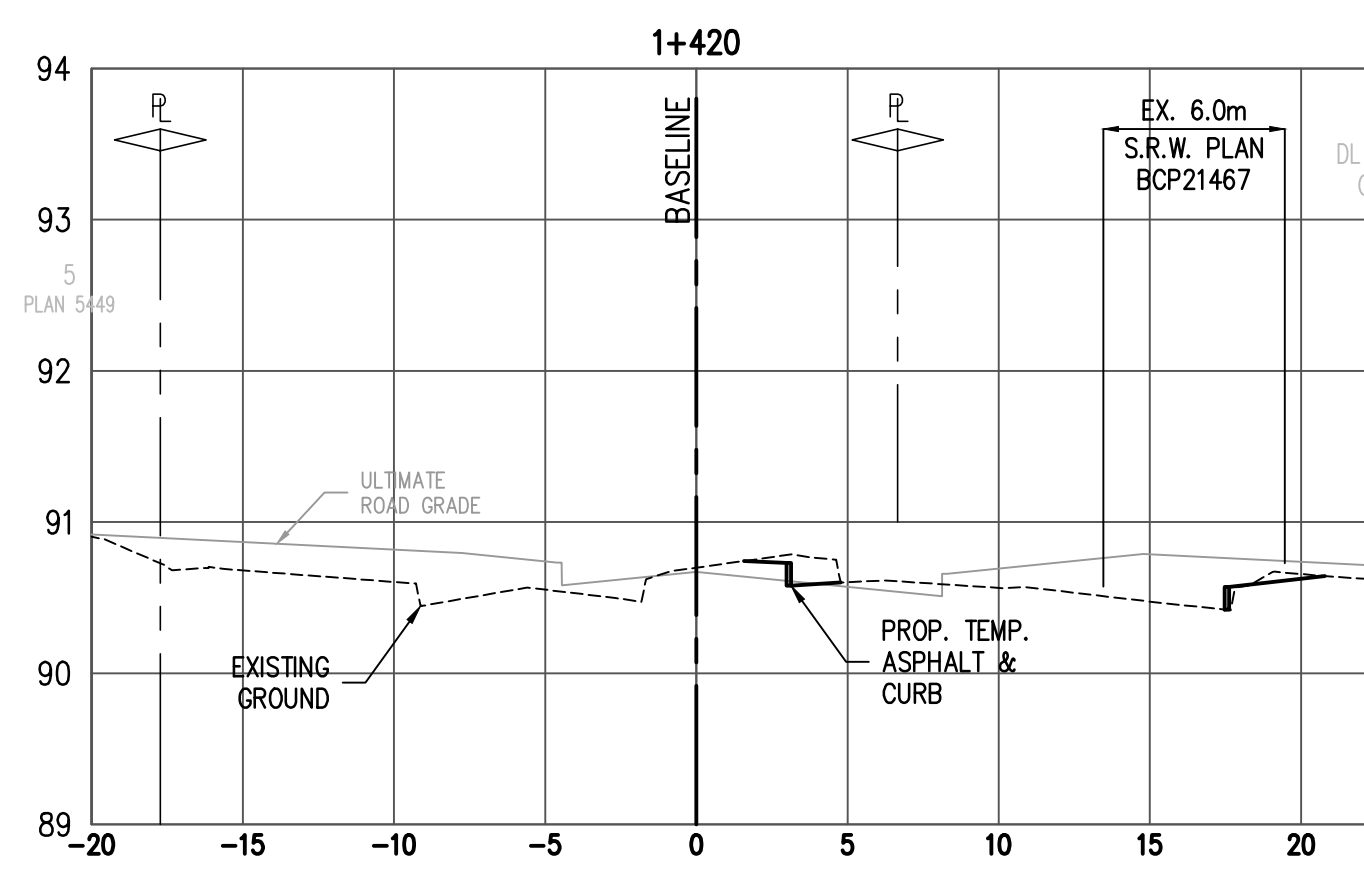
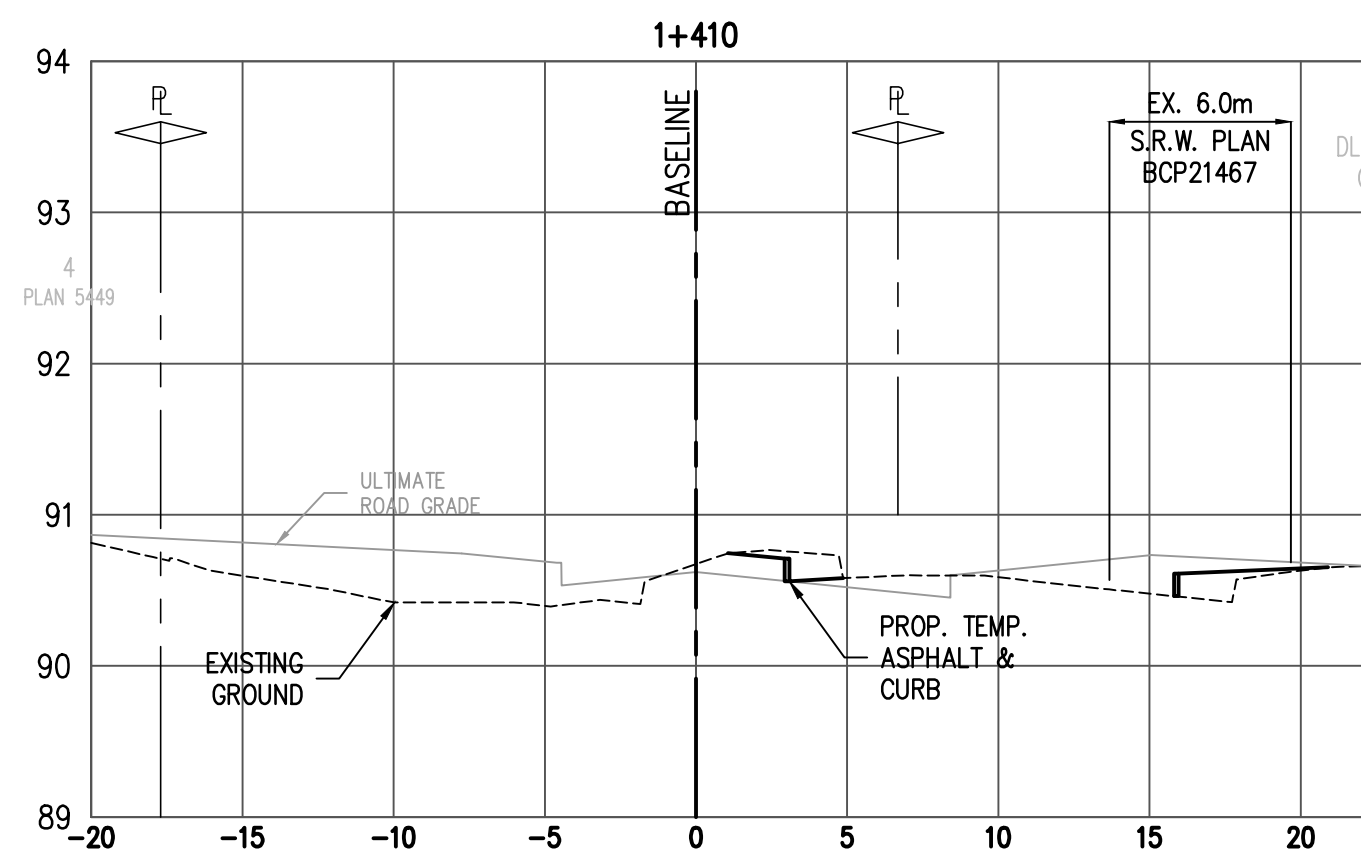
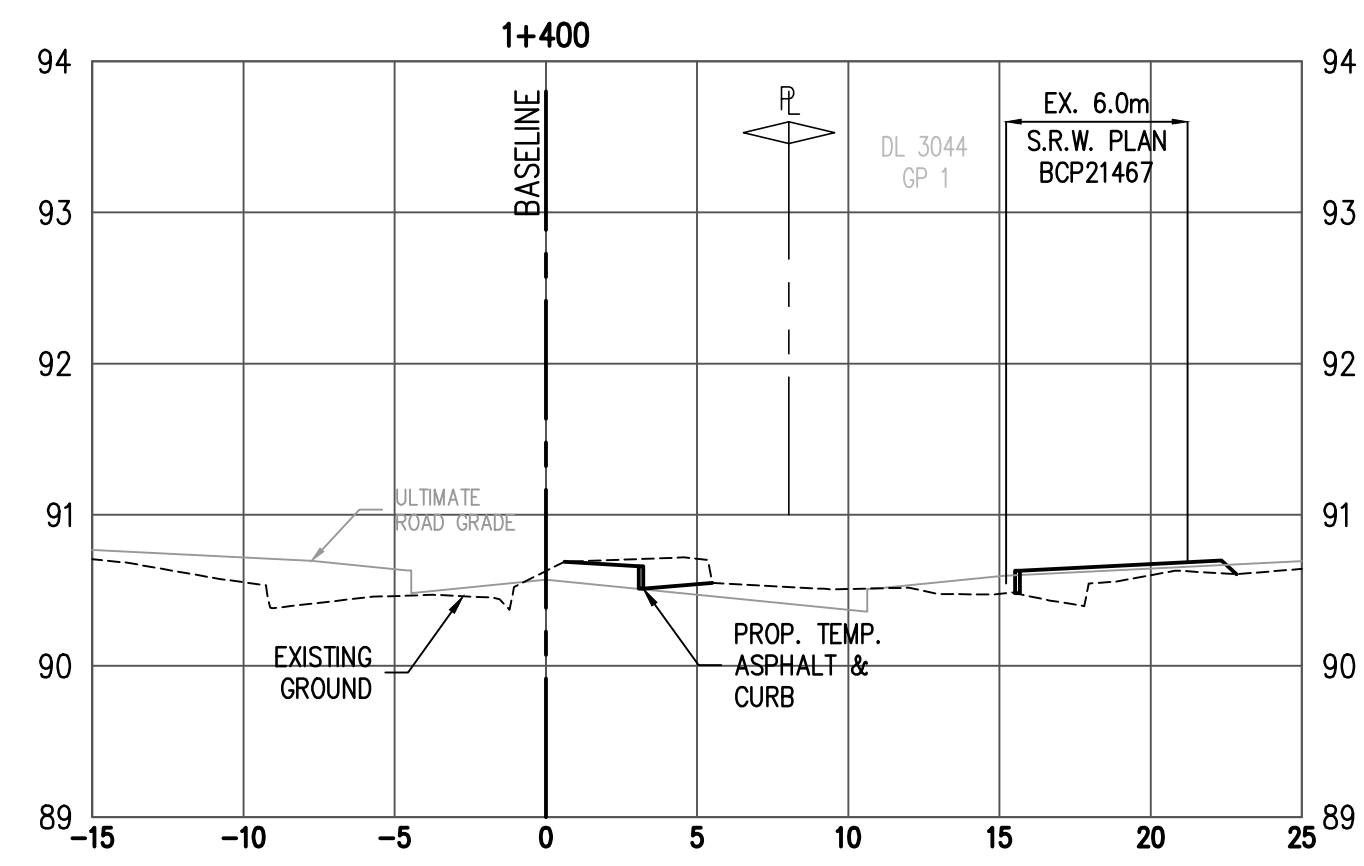
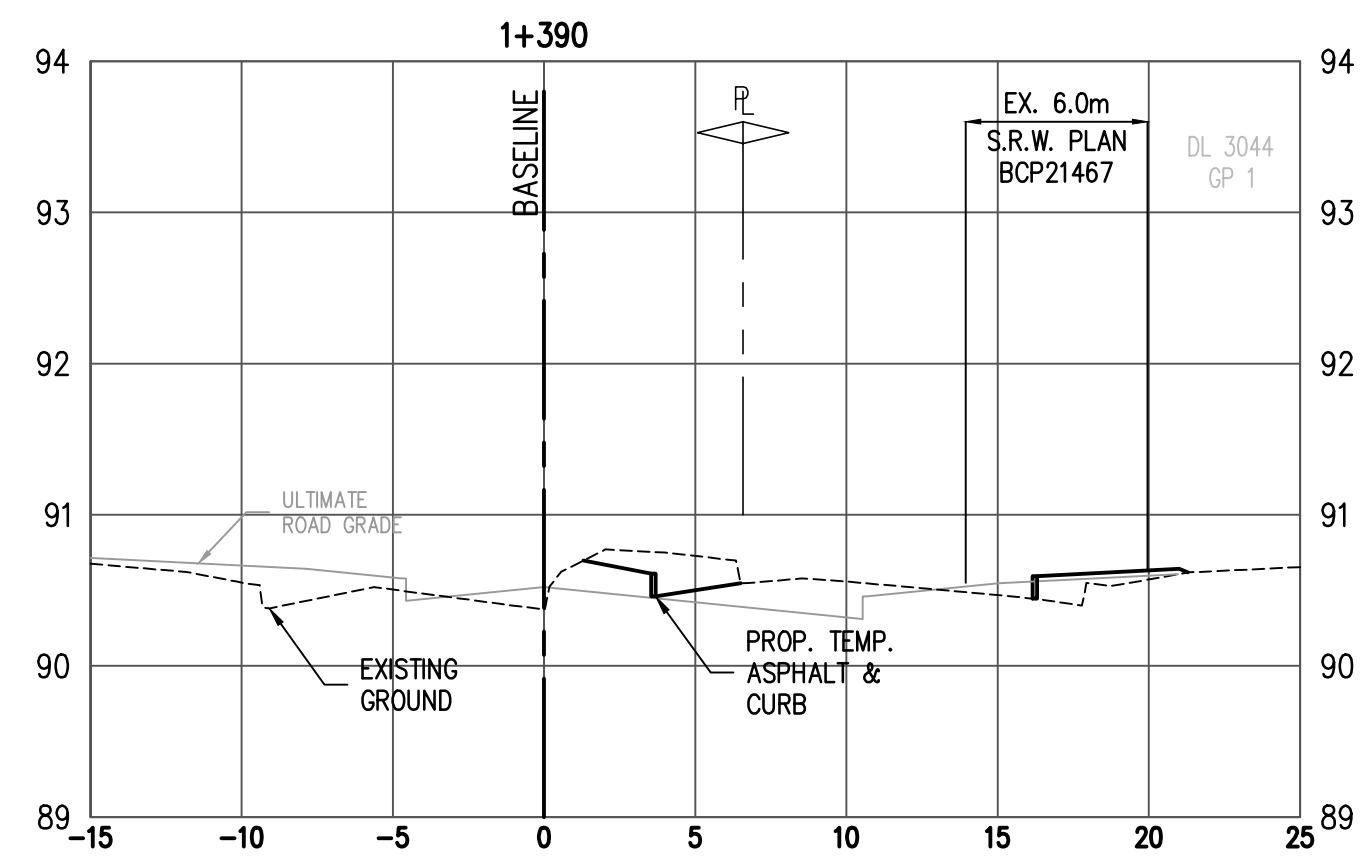
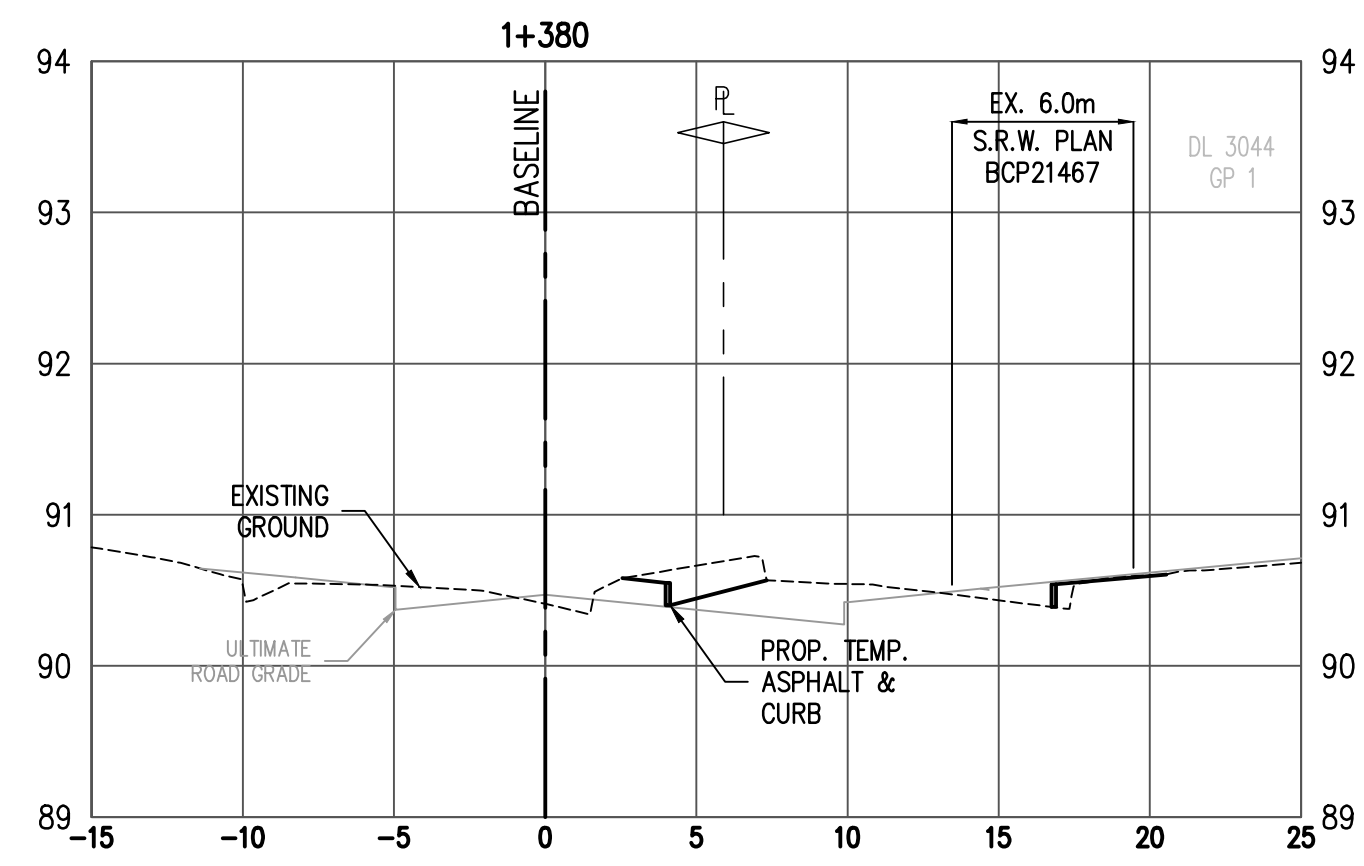
Civil Design
CROSS SECTIONS
WEBBROOK MALL

DRAWN: BC CHECKED: CN

C 14



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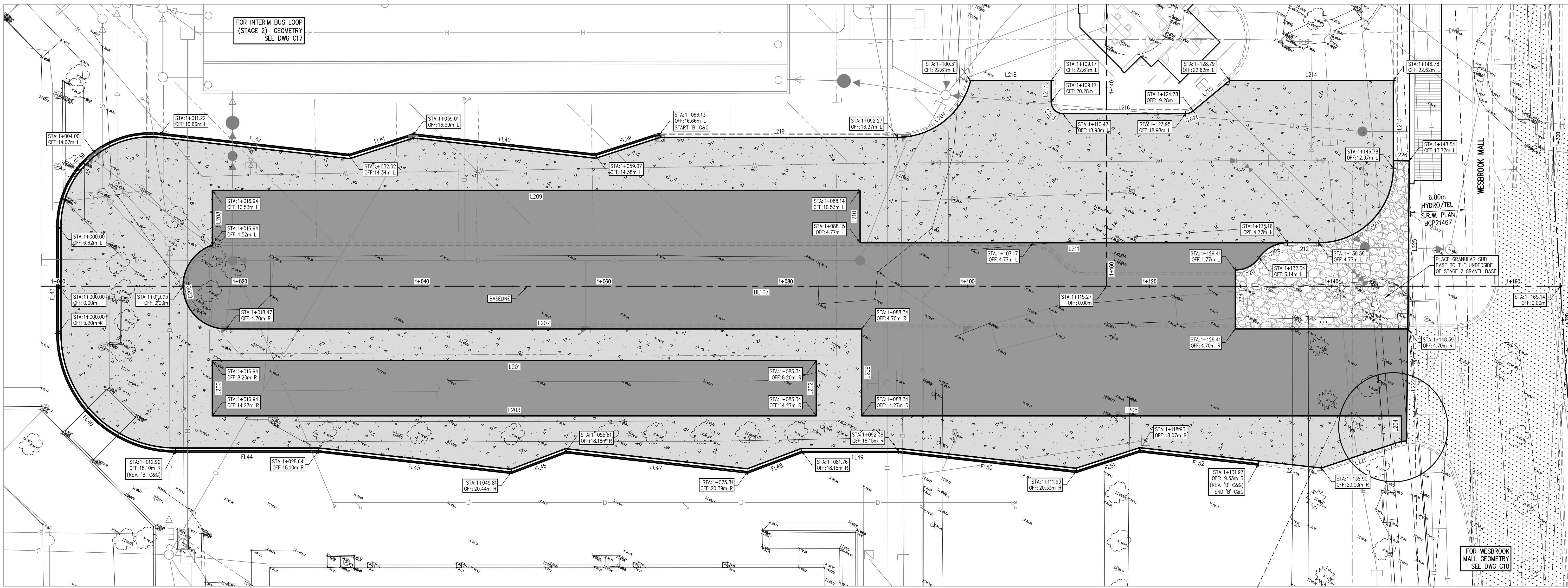
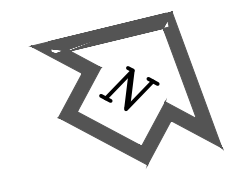


SEAL

UBC Gage South

Civil Design
CROSS SECTIONS
WEBBROOK MALL
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C 15



INTERIM BUS EXCHANGE - STAGE 1
INSTALLATION OF PERMANENT WORKS
SCALE 1:200

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CURVE TABLE (FACE OF CURB)			
CURVE	DELTA	RADIUS	ARC
FC39	96°21'48"	10.10	16.99
FC40	90°00'00"	12.90	20.26

LINE TABLE (ROAD BASELINE)		
LINE	BEARING	DISTANCE
BL107	N61°54'40"E	165.14

LINE TABLE		
LINE	BEARING	DISTANCE
L200	N28°05'20"W	6.07
L201	N61°54'40"E	66.40
L202	S28°05'20"E	6.07
L203	S61°54'40"W	66.40
L204	N28°05'20"W	2.83
L205	S61°54'40"W	59.33
L206	N28°05'20"W	9.57
L207	S61°54'40"W	69.88
L208	N28°05'20"W	6.01
L209	N61°54'40"E	71.21
L210	S28°05'20"E	5.76
L211	N61°54'40"E	47.00
L212	N61°54'40"E	3.43
L213	N28°05'20"W	9.64
L214	S61°54'31"W	17.99
L215	S22°09'05"W	5.22
L216	S61°54'40"W	13.48
L217	N28°05'20"W	2.34
L218	S61°54'31"W	8.86
L219	S61°54'40"W	26.05
L220	N68°16'34"E	6.94
L221	N43°20'26"E	8.53
L222	N27°22'47"W	12.32
L223	S61°54'40"W	18.98
L224	N28°05'20"W	6.47
L225	N27°38'10"W	18.47
L226	S62°21'50"W	1.75

LINE TABLE (BACK OF CURB)		
LINE	BEARING	DISTANCE
FL39	S44°02'12"W	7.42
FL40	S68°12'37"W	20.18
FL41	S44°02'12"W	7.35
FL42	S28°16'27"W	20.93
FL43	S28°05'20"E	11.82
FL44	N61°54'40"E	15.74
FL45	N68°13'19"E	21.30
FL46	N41°4'50"E	6.41
FL47	N68°13'19"E	20.13
FL48	N41°4'50"E	6.36
FL49	N61°54'40"E	10.61
FL50	N68°16'27"E	19.68
FL51	N44°01'53"E	7.35
FL52	N68°16'34"E	13.12

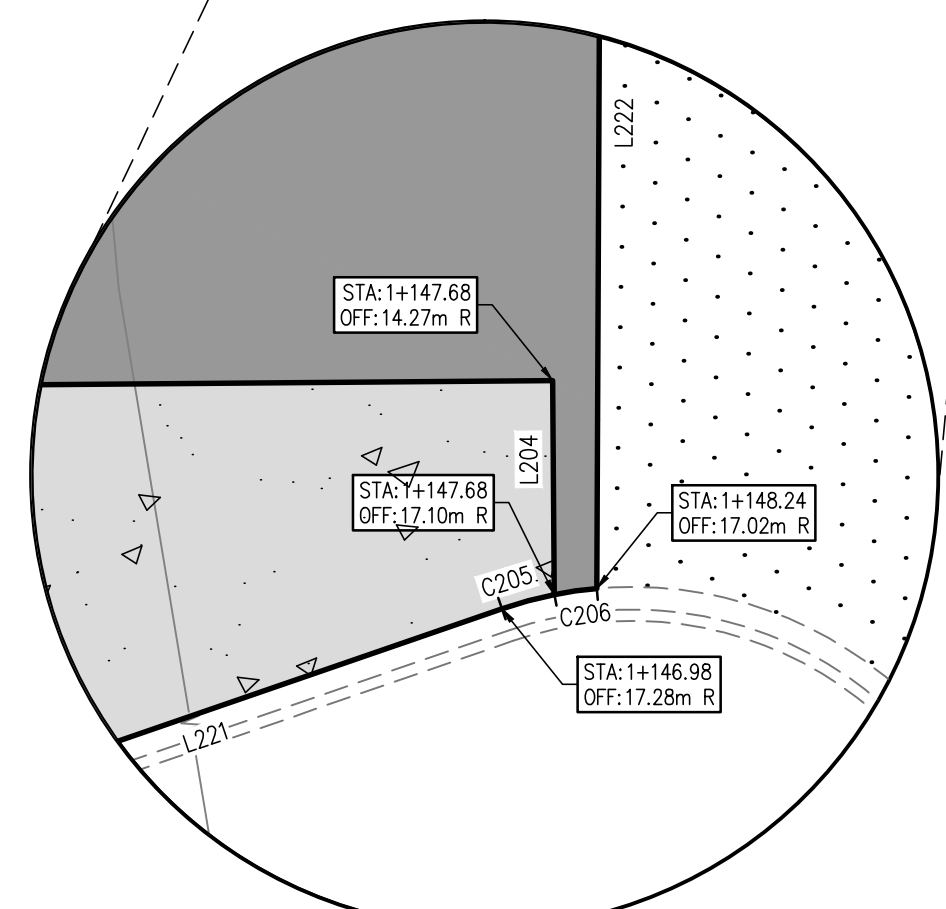
CURVE TABLE			
CURVE	DELTA	RADIUS	ARC
C200	161°3'12"	4.74	13.33
C201	90°00'08"	8.20	12.88
C202	39°45'34"	1.30	0.90
C203	89°59'52"	1.30	2.04
C204	75°38'43"	8.30	10.96
C205	74°5'42"	5.30	0.72
C206	67°07'30"	5.30	0.57
C207	55°09'00"	3.20	3.08
C208	55°09'00"	3.80	3.66

LEGEND

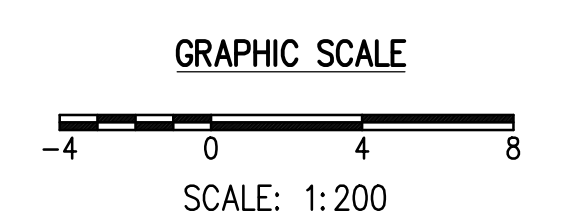
- FUTURE WESBROOK MALL ASPHALT
- PROPOSED BUS LOOP ASPHALT (STAGE 1)
- PROPOSED BUS LOOP CONCRETE (STAGE 1)
- PROPOSED CONCRETE BARRIER CURB & GUTTER (STAGE 1)
- PROPOSED EDGE OF CONC. AND ASPHALT (STAGE 1)
- FUTURE CONCRETE BARRIER CURB & GUTTER
- STA: STATION
- OFF: OFFSET OFF BASELINE

GENERAL NOTES:

1. FOR NOTES AND DETAILS SEE DWG C3.
2. FOR DEMOLITION PLANS SEE DWG C2.
3. FOR INTERIM BUS LOOP GRADING SEE DWG C18 & C19.
4. FOR INTERIM BUS LOOP SECTIONS SEE DWG. C20 & C21.
5. CALL BC ONE-CALL 24 HOURS PRIOR TO CONSTRUCTION.
6. TOPOGRAPHIC SURVEY FOR THIS SITE PROVIDED BY MURRAY AND ASSOCIATES LAND SURVEYORS.
7. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH OTHER CIVIL AND OTHER DISCIPLINE'S DRAWINGS.



AREA BLOW-UP
SCALE 1:100



SEAL

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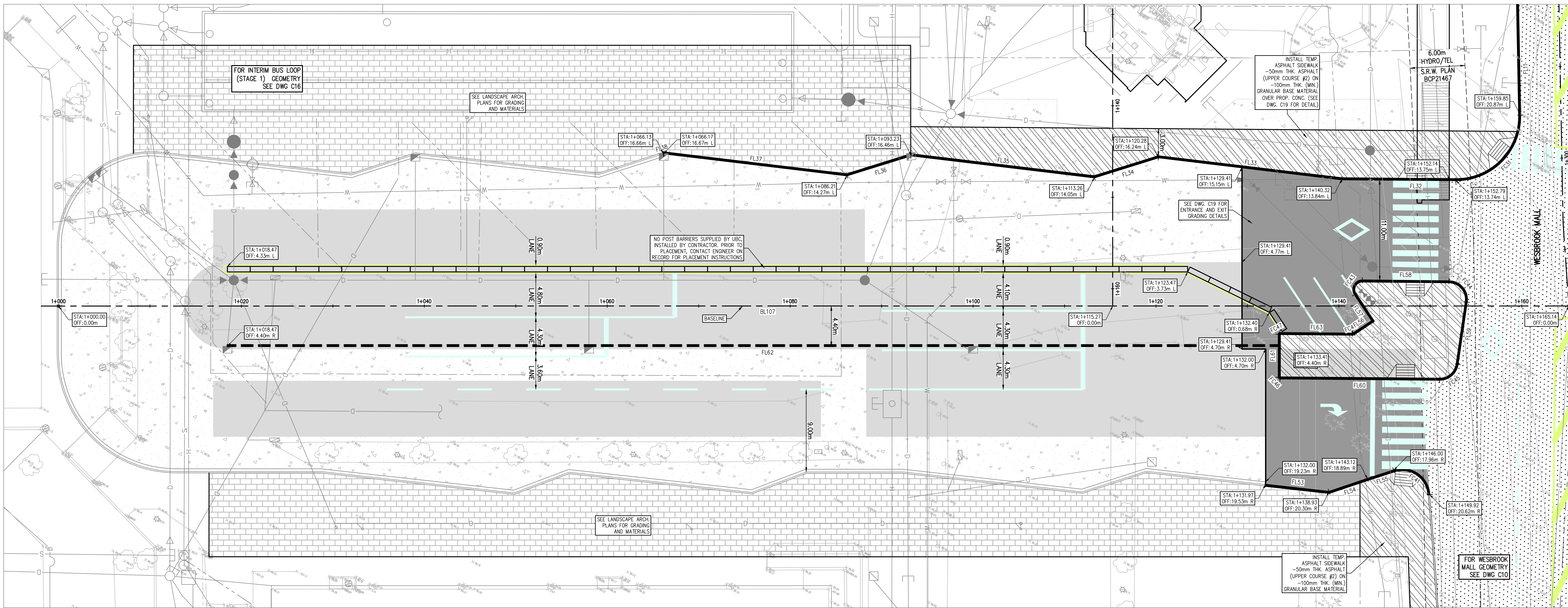
Civil Design
PAVING - GEOMETRY
INTERIM BUS LOOP - STAGE 1

DRAWN: BC CHECKED: CN

C 16

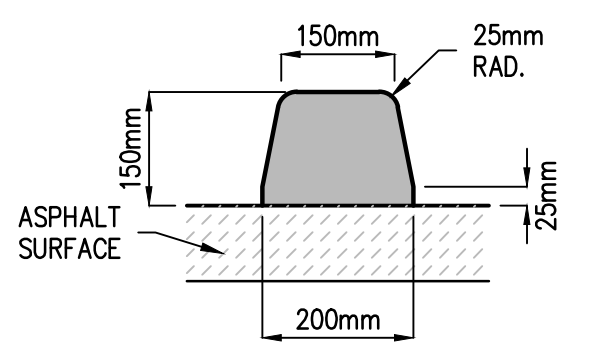
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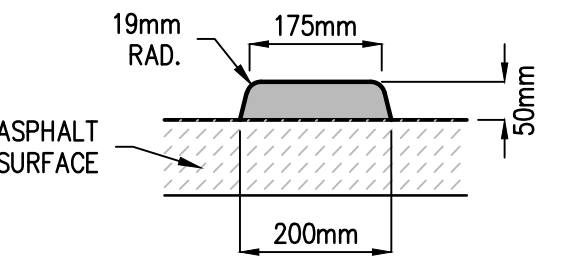


INTERIM BUS EXCHANGE - STAGE 2
INSTALLATION OF TEMPORARY WORKS
SCALE 1:200

CURVE TABLE (FACE OF CURB)			
CURVE	DELTA	RADIUS	ARC
FC31	91°32'08"	7.00	11.18
FC41	104°18'44"	3.00	5.46
FC42	33°56'53"	0.20	0.12
FC43	124°00'04"	1.00	2.18
FC44	97°49'27"	2.00	3.41
FC45	82°07'23"	2.00	2.87
FC46	89°30'44"	0.15	0.23
FC47	90°29'16"	0.15	0.24



TEMP. 150mm ASPHALT CURB



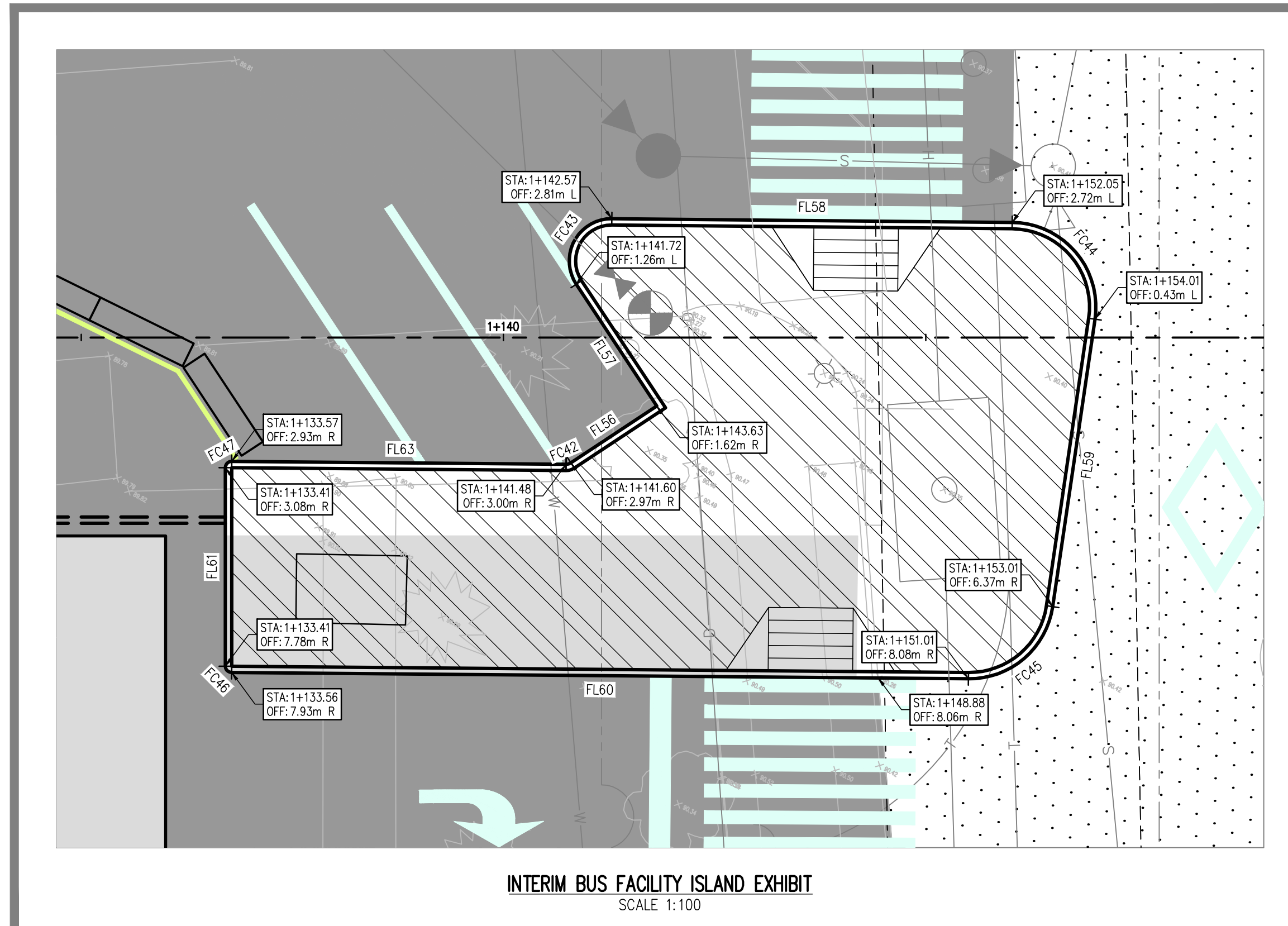
TEMP. 50mm ASPHALT CURB

LINE TABLE (FACE OF CURB)		
LINE	BEARING	DISTANCE
FL11	S29°10'18"E	14.60
FL32	S82°21'59"W	12.47
FL33	S88°45'16"W	20.18
FL34	S44°34'38"W	7.35
FL35	S88°45'16"W	20.18
FL36	S44°34'38"W	7.35
FL37	S88°45'16"W	20.18
FL38	S44°32'12"W	0.05
FL35	S88°16'34"W	7.00
FL54	S43°20'28"W	4.43
FL55	S43°52'53"W	3.03
FL56	N28°27'03"E	2.44
FL57	N61°32'57"W	3.46
FL58	N62°27'06"E	9.48
FL59	S19°43'27"E	6.88
FL60	S82°23'56"W	17.45
FL61	N28°05'20"W	4.70
FL62	N61°54'40"E	114.95
FL63	N62°23'56"E	7.92

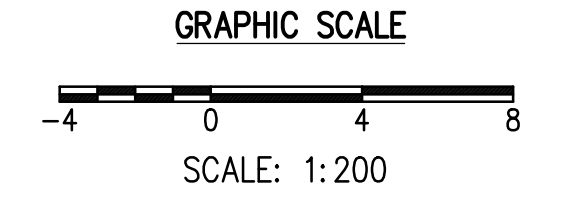
LINE TABLE (ROAD BASELINE)		
LINE	BEARING	DISTANCE
BL107	N61°54'40"E	165.14

- LEGEND**
- EXISTING WESBROOK MALL ASPHALT
 - PROPOSED BUS LOOP ASPHALT (STAGE 2)
 - PROPOSED BUS LOOP ASPHALT (STAGE 1)
 - PROPOSED BUS LOOP CONCRETE (STAGE 1)
 - PROPOSED TEMP. ASPHALT SIDEWALK (STAGE 2)
 - SEE LANDSCAPE ARCH. DWGS.
 - PROPOSED 150mm TEMP. ASPHALT CURB (STAGE 2)
 - PROPOSED 50mm TEMP. ASPHALT CURB (STAGE 2)
 - PROPOSED CONCRETE CURB (STAGE 1)
 - STA: STATION @ BASELINE
 - OFF: OFFSET OF BASELINE

- GENERAL NOTES:**
- FOR NOTES AND DETAILS SEE DWG C2.
 - FOR DEMOLITION PLANS SEE DWG C3.
 - FOR INTERIM BUS LOOP GRADING SEE DWG C18 & C19.
 - FOR INTERIM BUS LOOP SECTIONS SEE DWG C20 & C21.
 - CALL BC ONE-CALL 24 HOURS PRIOR TO CONSTRUCTION.
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INTERIM BUS FACILITY ISLAND EXHIBIT
SCALE 1:100



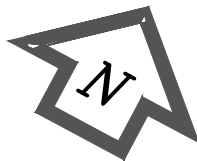
SEAL

UBC Gage South

Civil Design
PAVING - GEOMETRY
INTERIM BUS LOOP - STAGE 2

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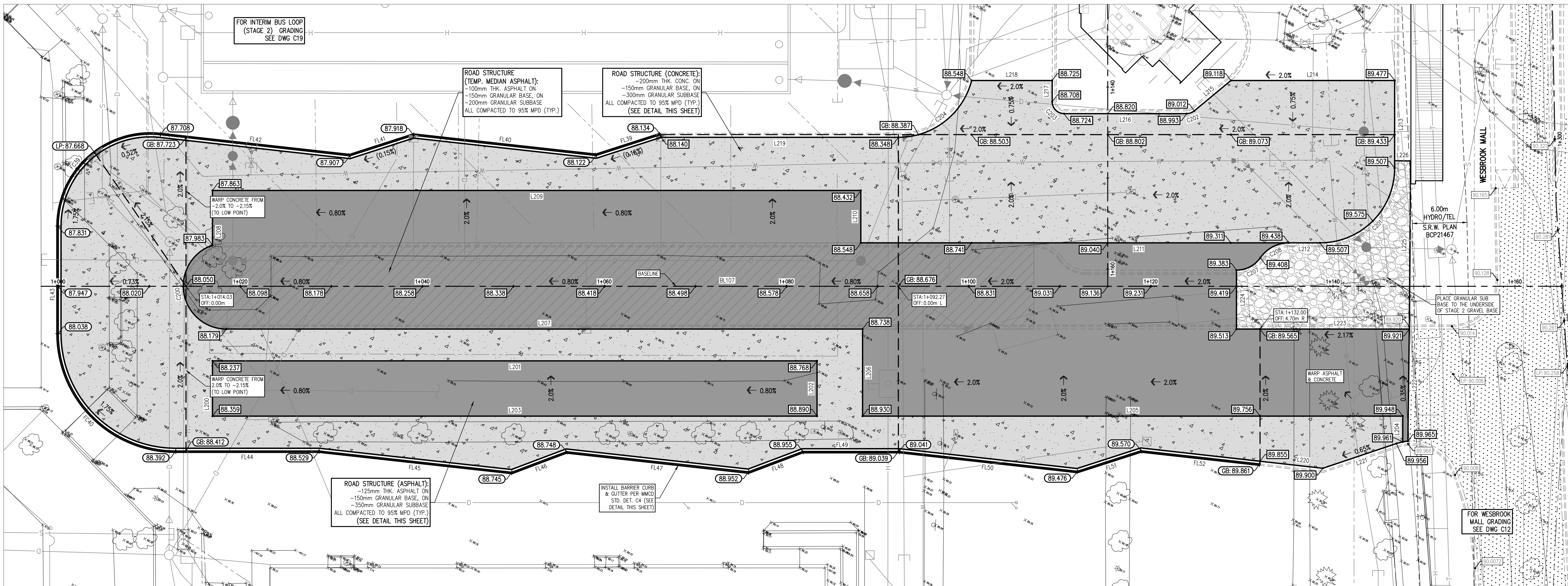


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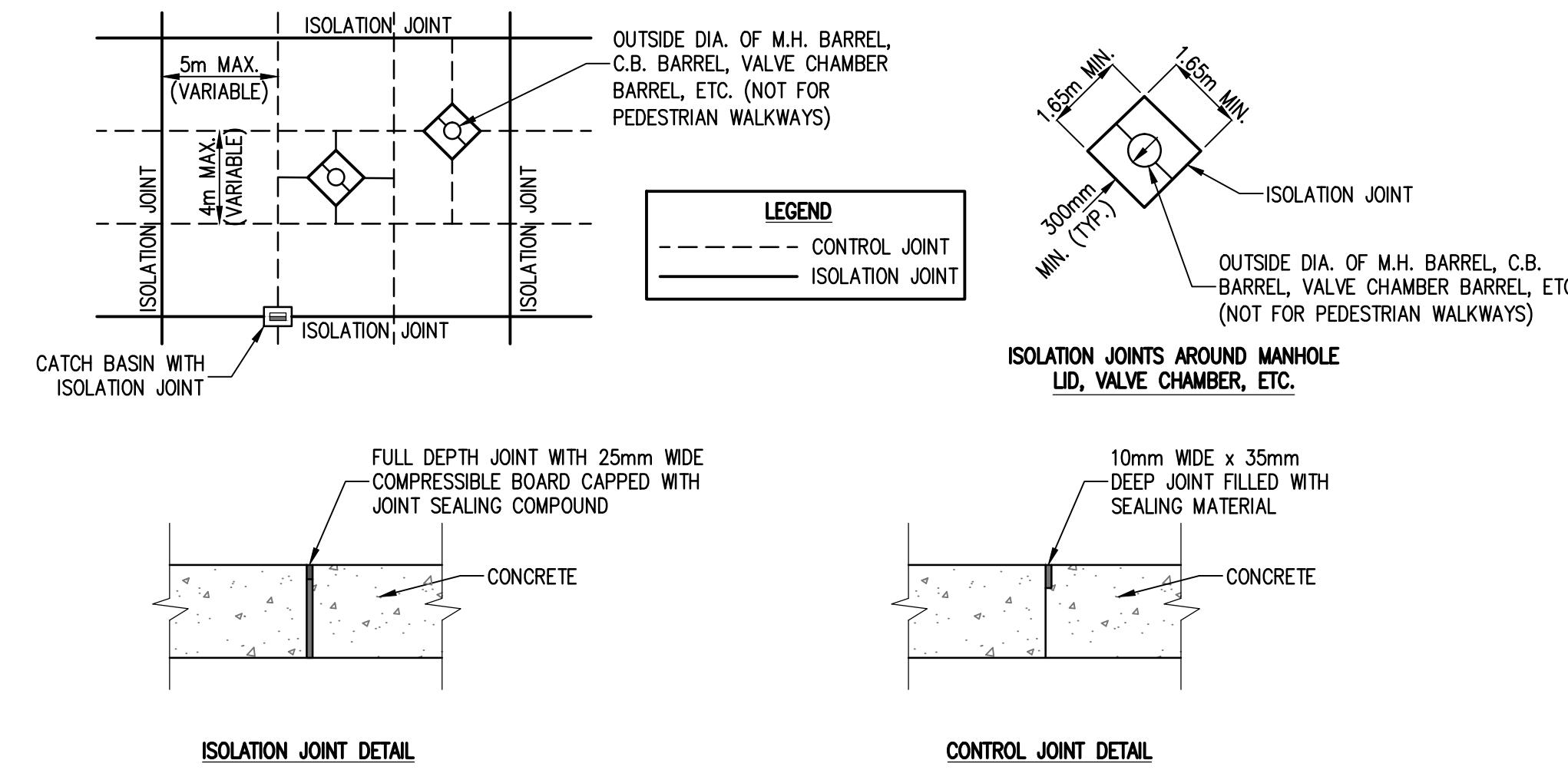
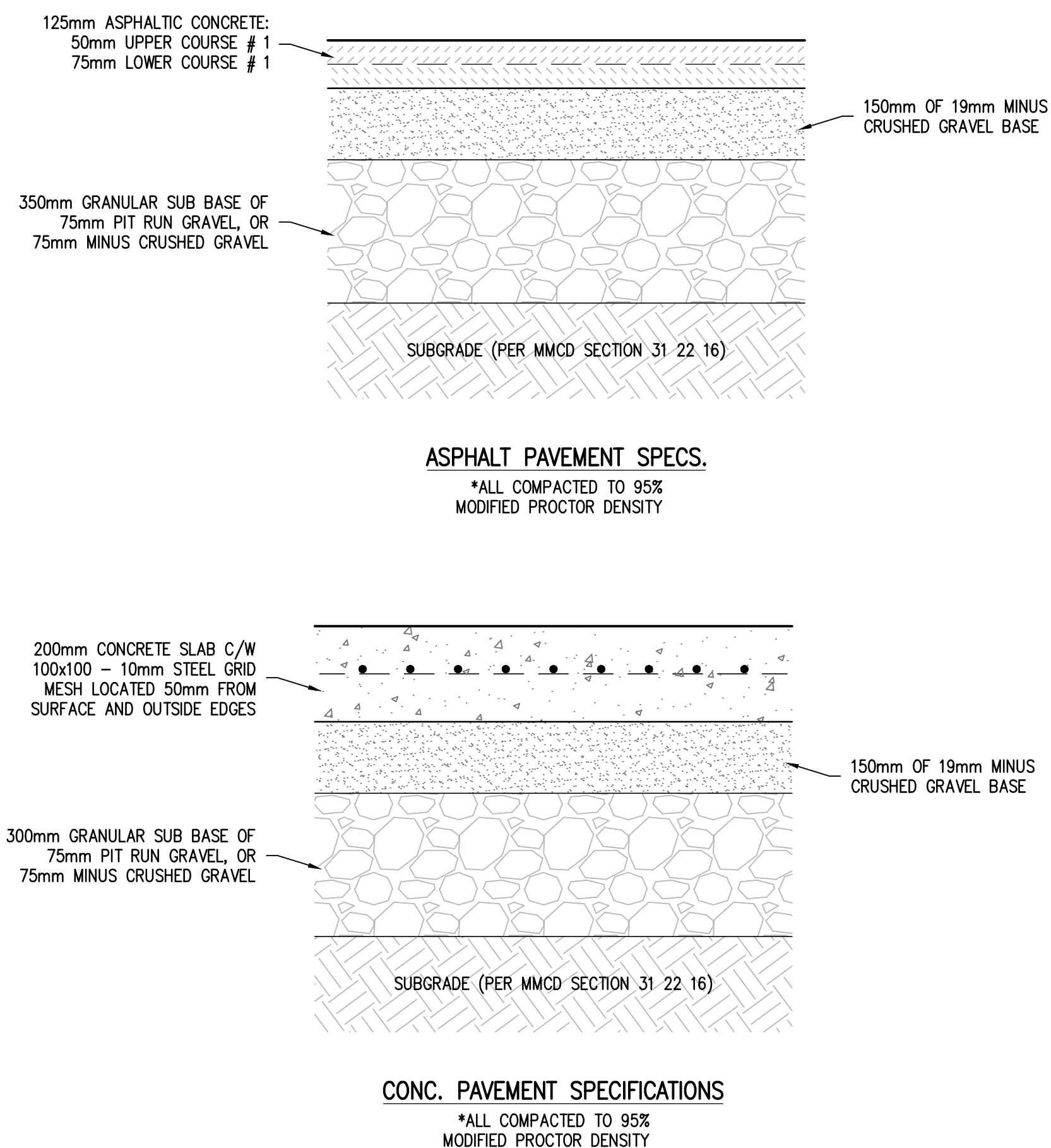
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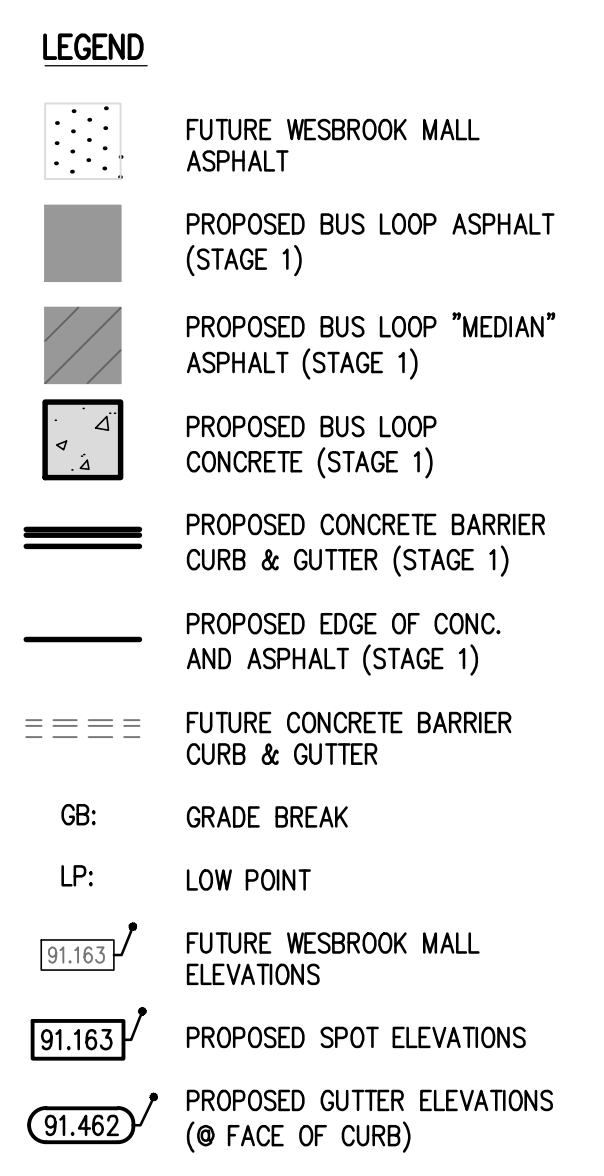
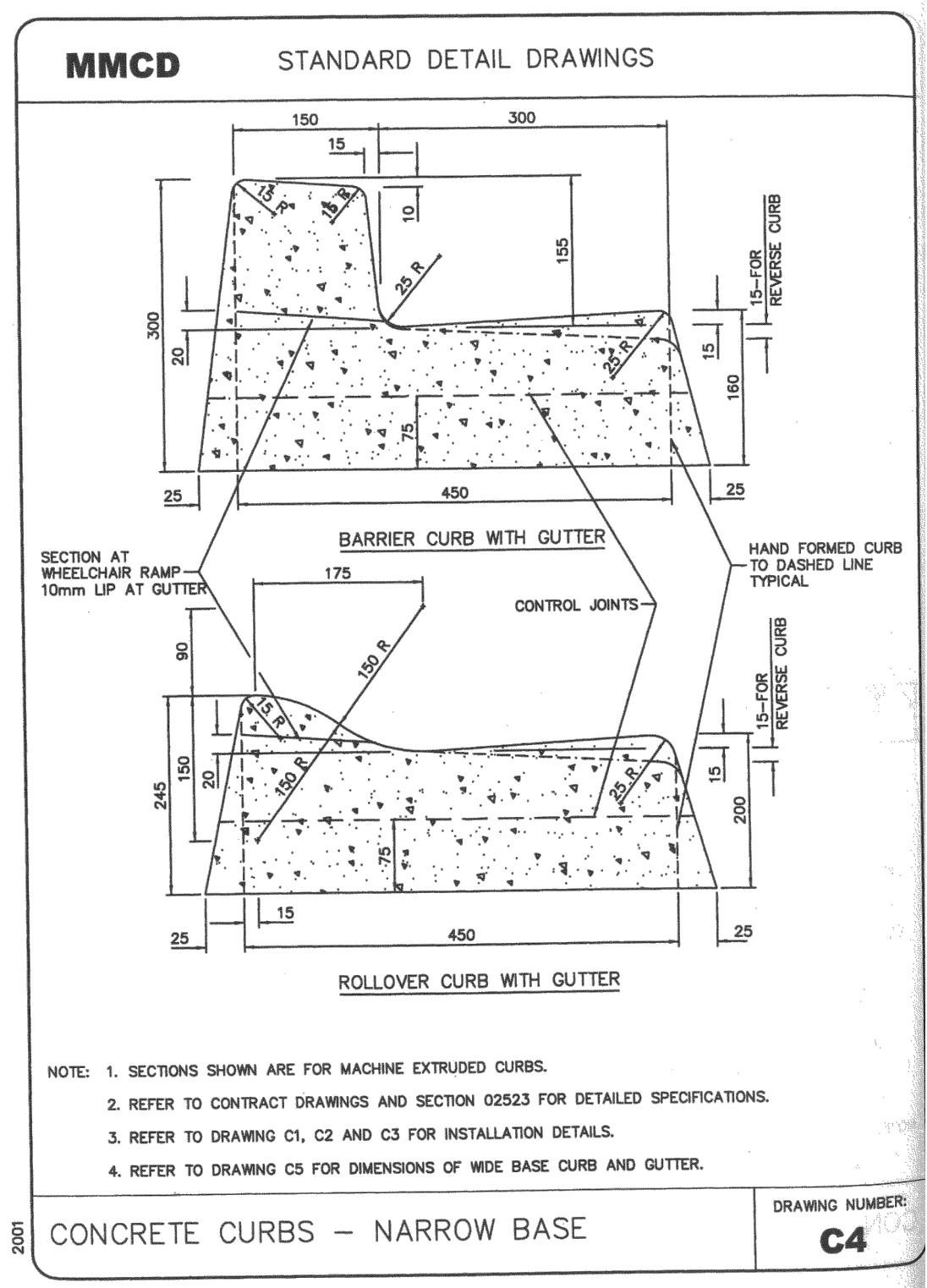
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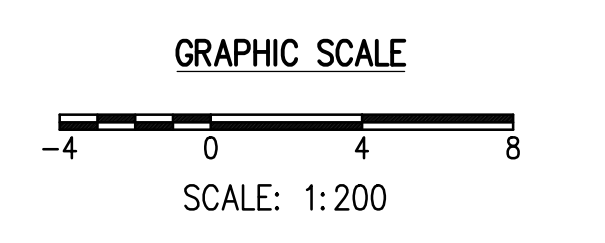
INTERIM BUS EXCHANGE - STAGE 1
INSTALLATION OF PERMANENT WORKS
SCALE 1:200



CONCRETE PAVEMENT JOINT DETAILS
N.T.S.



- GENERAL NOTES:
- FOR NOTES AND DETAILS SEE DWG C3.
 - FOR DEMOLITION PLANS SEE DWG C2.
 - FOR INTERIM BUS LOOP GEOMETRY SEE DWG C16 & C17.
 - FOR INTERIM BUS LOOP SECTIONS SEE DWG C20 & C21.
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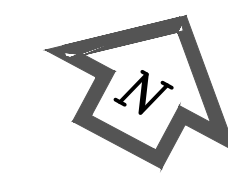
UBC Gage South

Civil Design
PAVING - GRADING
INTERIM BUS LOOP - STAGE 1

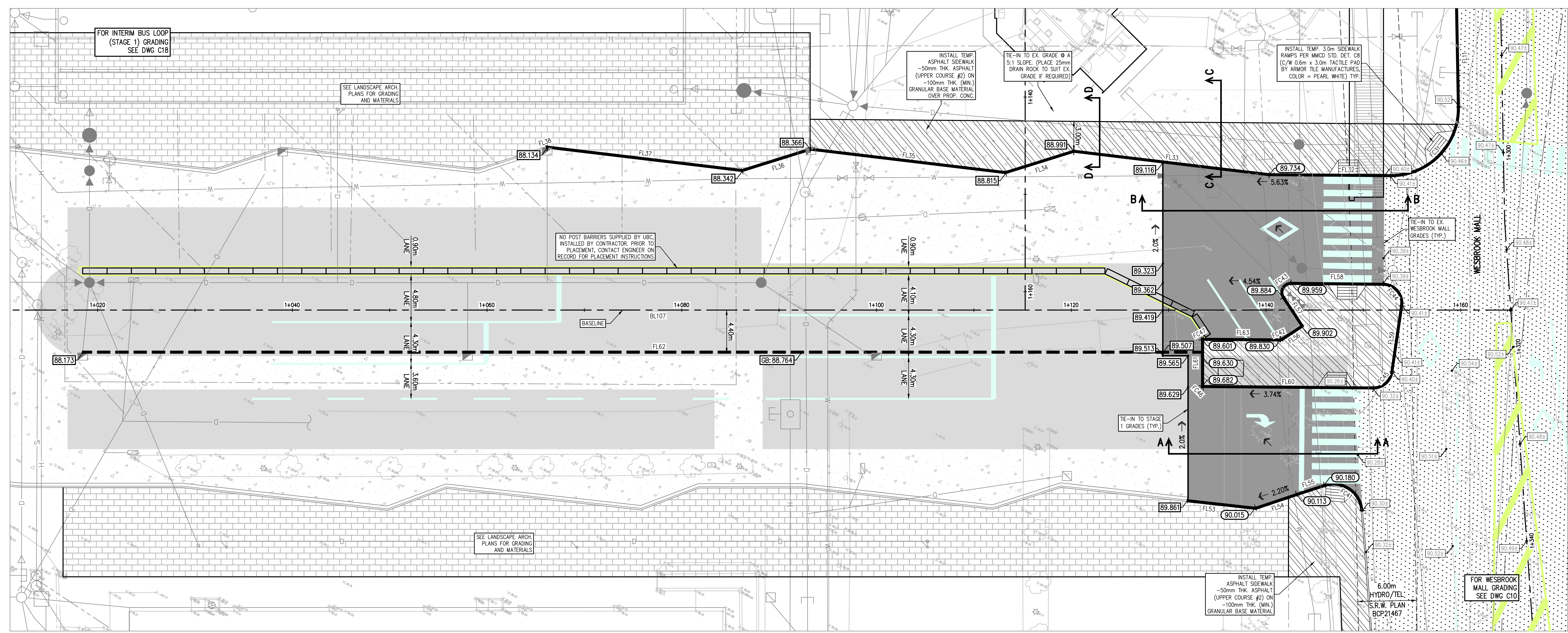
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C 18

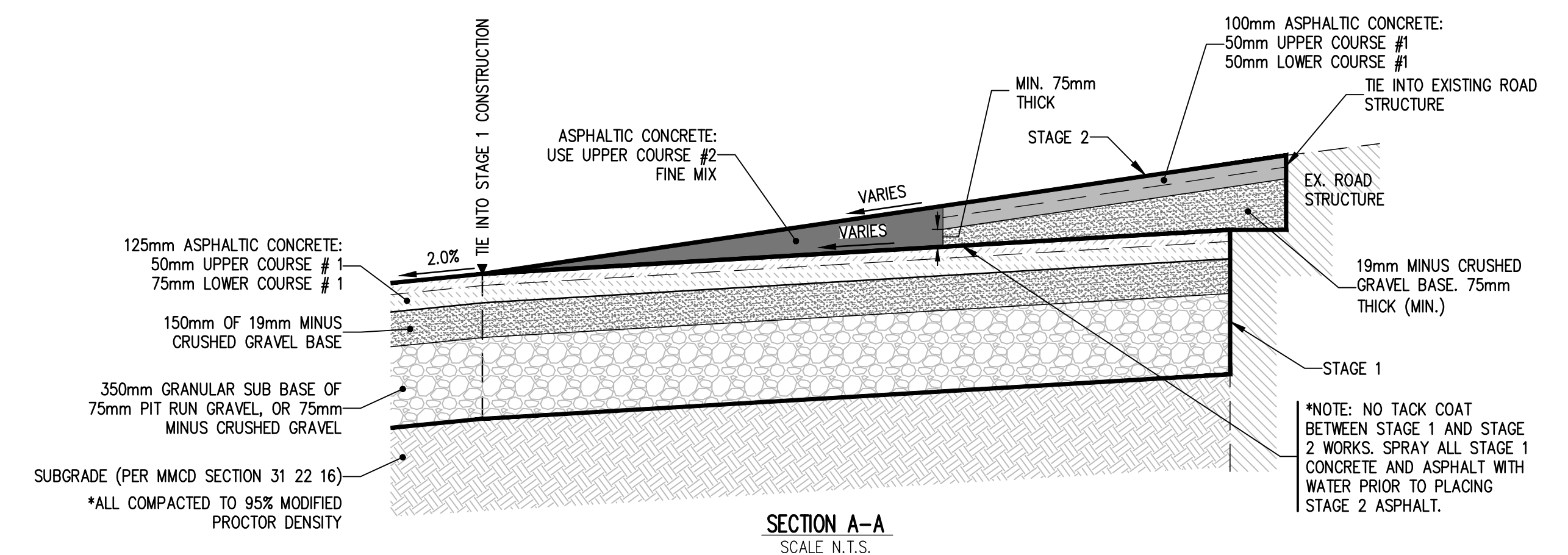
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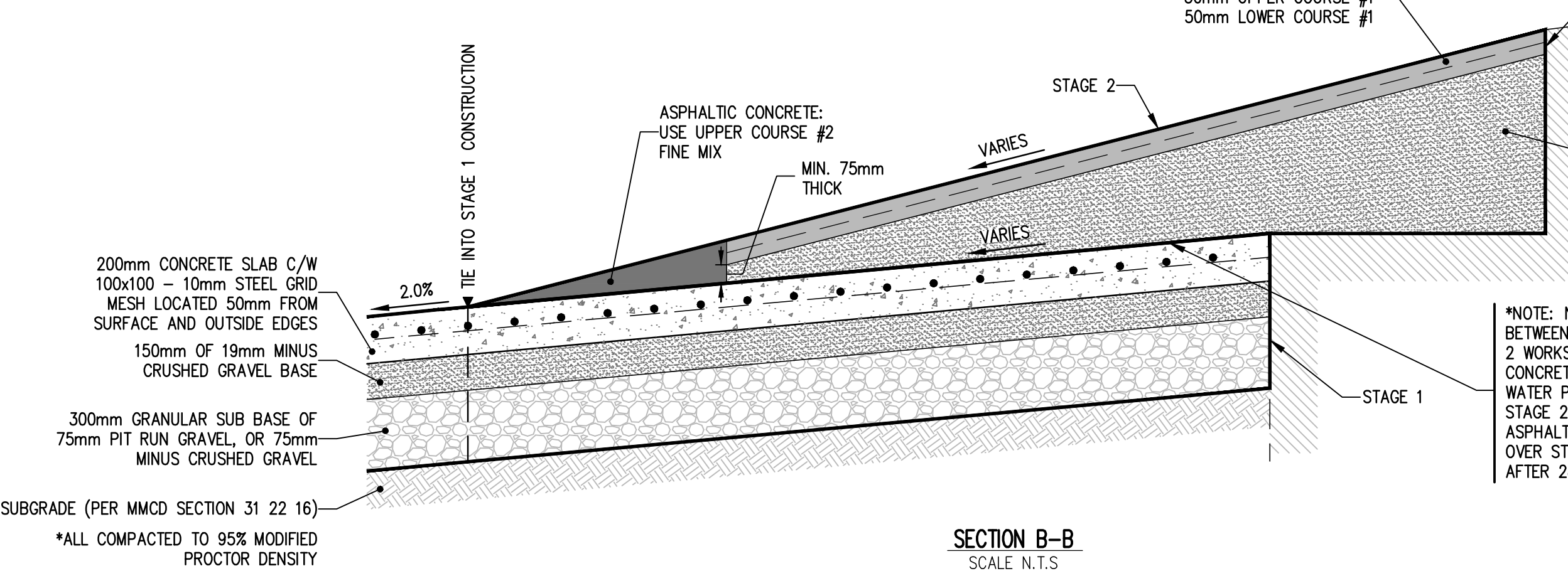
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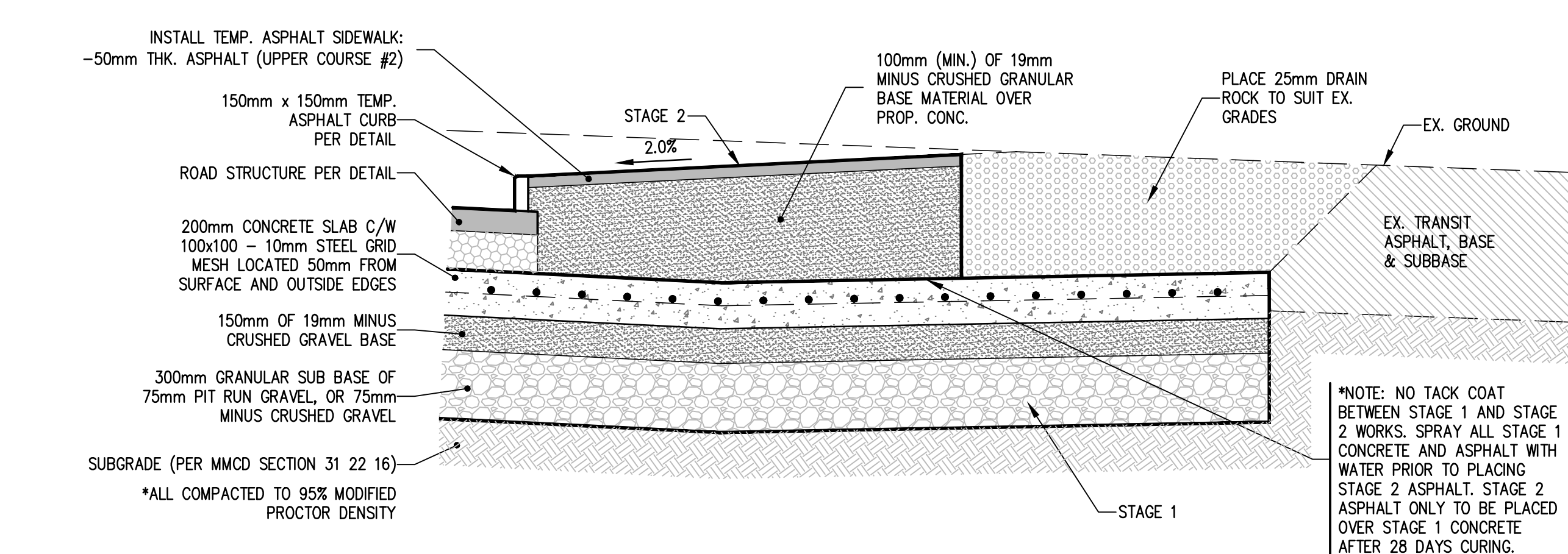
INTERIM BUS EXCHANGE - STAGE 2
INSTALLATION OF TEMPORARY WORKS
SCALE 1:200



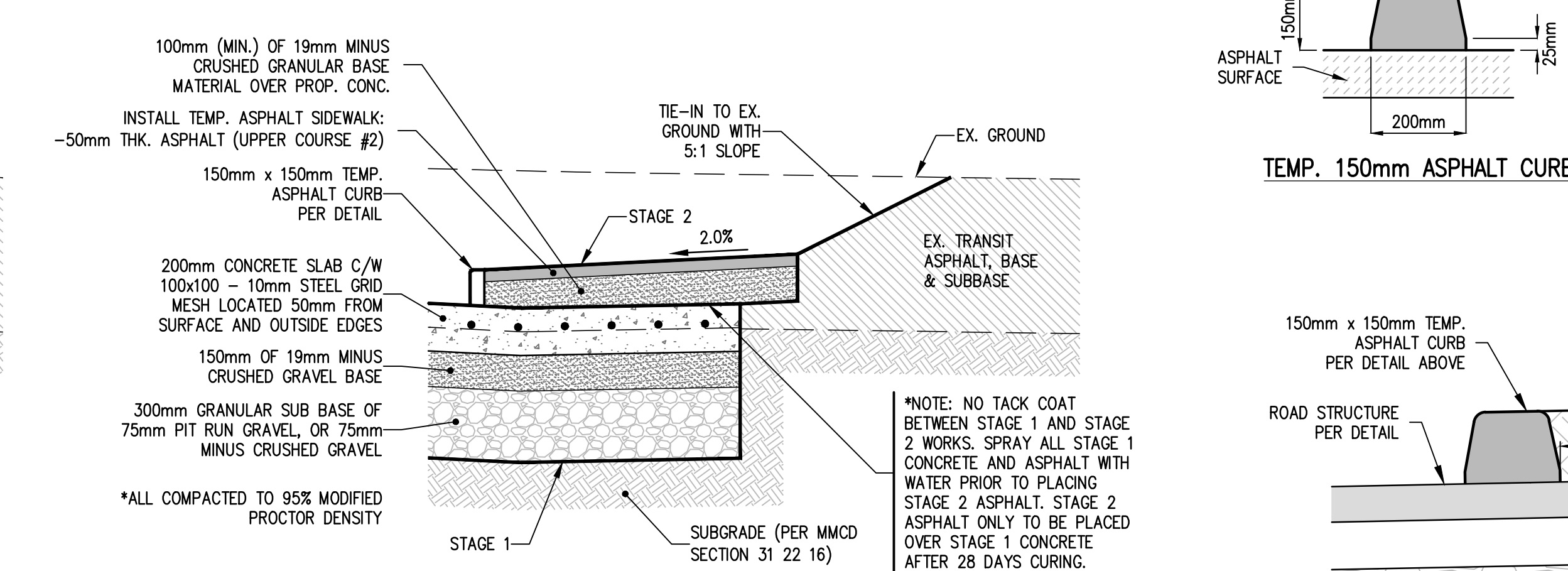
SECTION A-A
SCALE N.T.S.



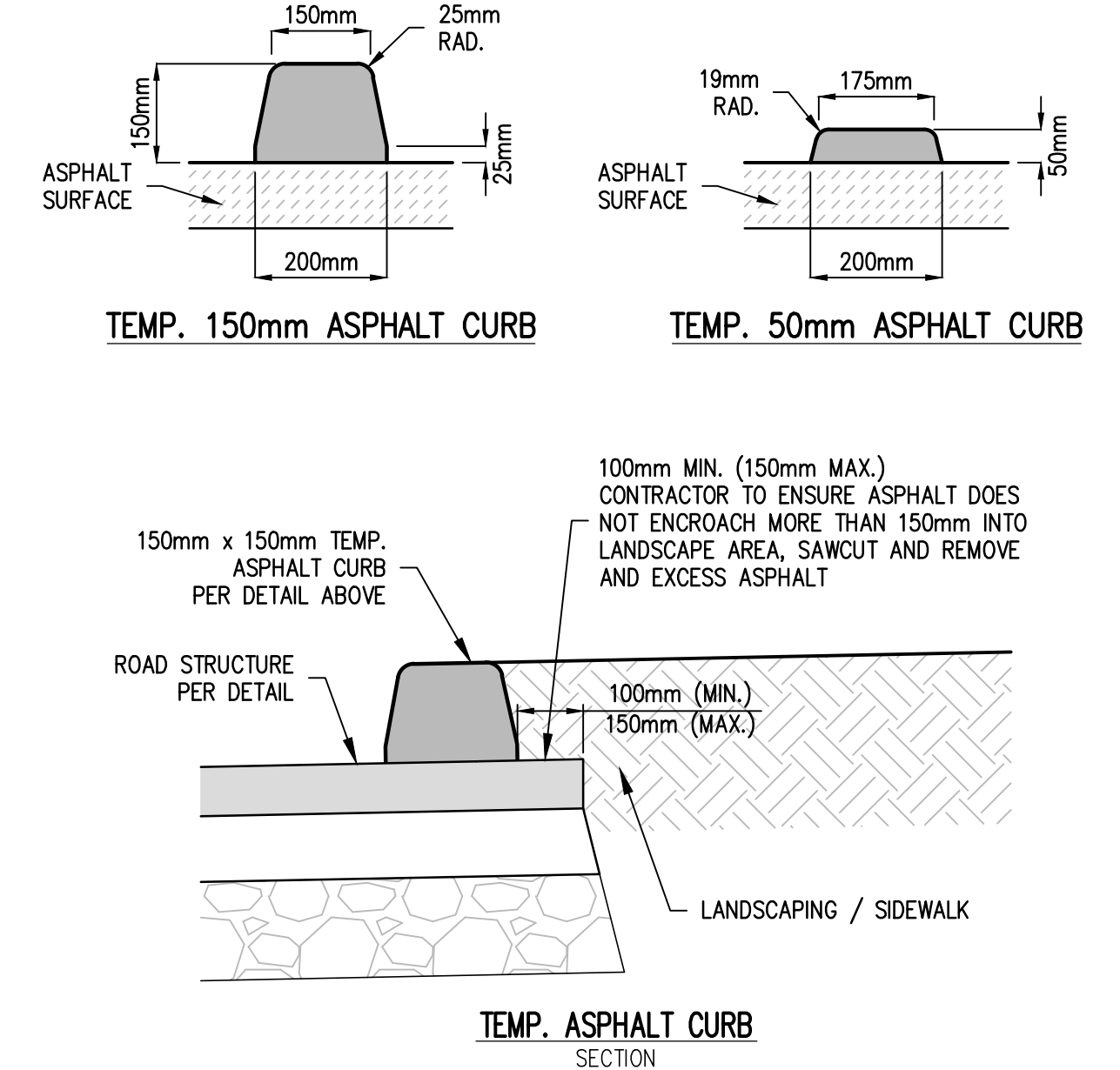
SECTION B-B
SCALE N.T.S.



SECTION C-C
SCALE N.T.S.



SECTION D-D
SCALE N.T.S.

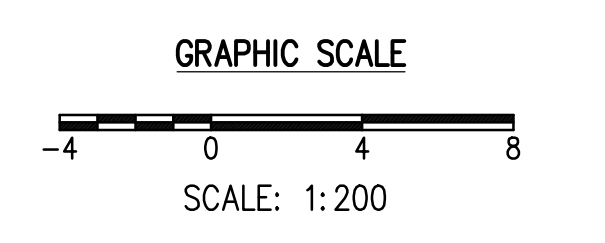


TEMP. ASPHALT CURB
SECTION

- GENERAL NOTES:**
- FOR NOTES AND DETAILS SEE DWG C2.
 - FOR DEMOLITION PLANS SEE DWG C3.
 - FOR INTERIM BUS LOOP GEOMETRY SEE DWG C16 & C17.
 - FOR INTERIM BUS LOOP SECTIONS SEE DWG C20 & C21.
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- LEGEND**
- EXISTING WESBROOK MALL ASPHALT
 - PROPOSED BUS LOOP ASPHALT (STAGE 2)
 - PROPOSED BUS LOOP ASPHALT (STAGE 1)
 - PROPOSED BUS LOOP CONCRETE (STAGE 1)
 - PROPOSED TEMP. ASPHALT SIDEWALK (STAGE 2)
 - SEE LANDSCAPE ARCH. DWGS.
 - PROPOSED 150mm TEMP. ASPHALT CURB (STAGE 2)
 - PROPOSED 50mm TEMP. ASPHALT CURB (STAGE 2)
 - PROPOSED CONCRETE CURB (STAGE 1)
 - GB: GRADE BREAK
 - EXISTING WESBROOK MALL ELEVATIONS
 - PROPOSED ELEVATIONS (STAGE 1)
 - PROPOSED GUTTER ELEVATIONS (FACE OF CURB) (STAGE 2)

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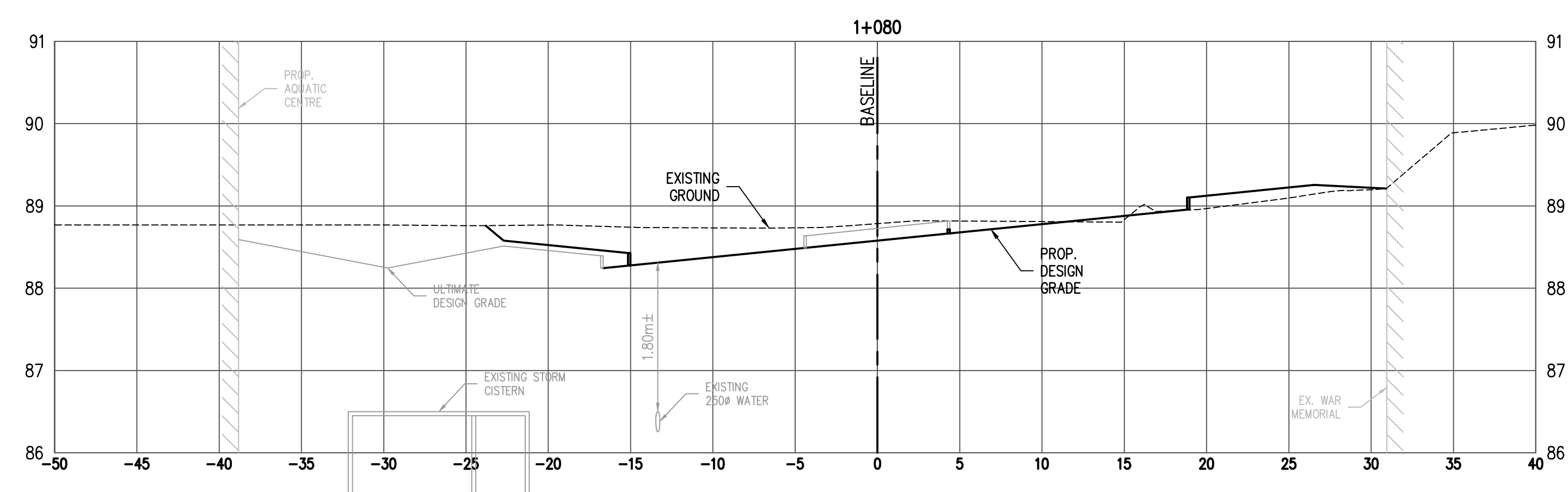
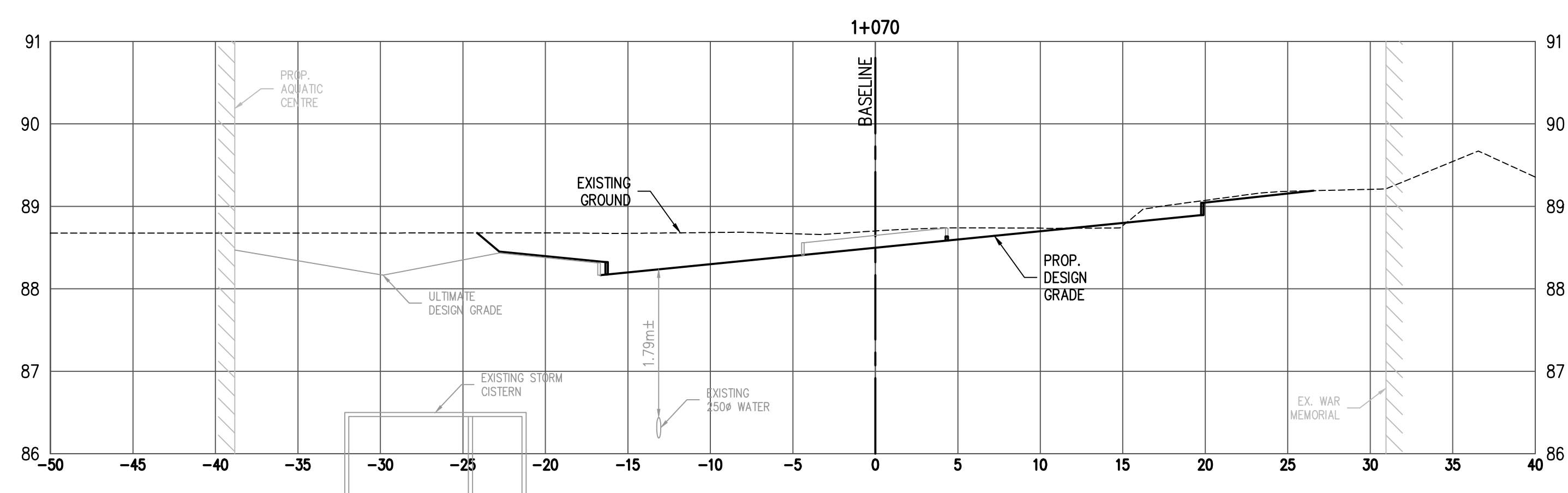
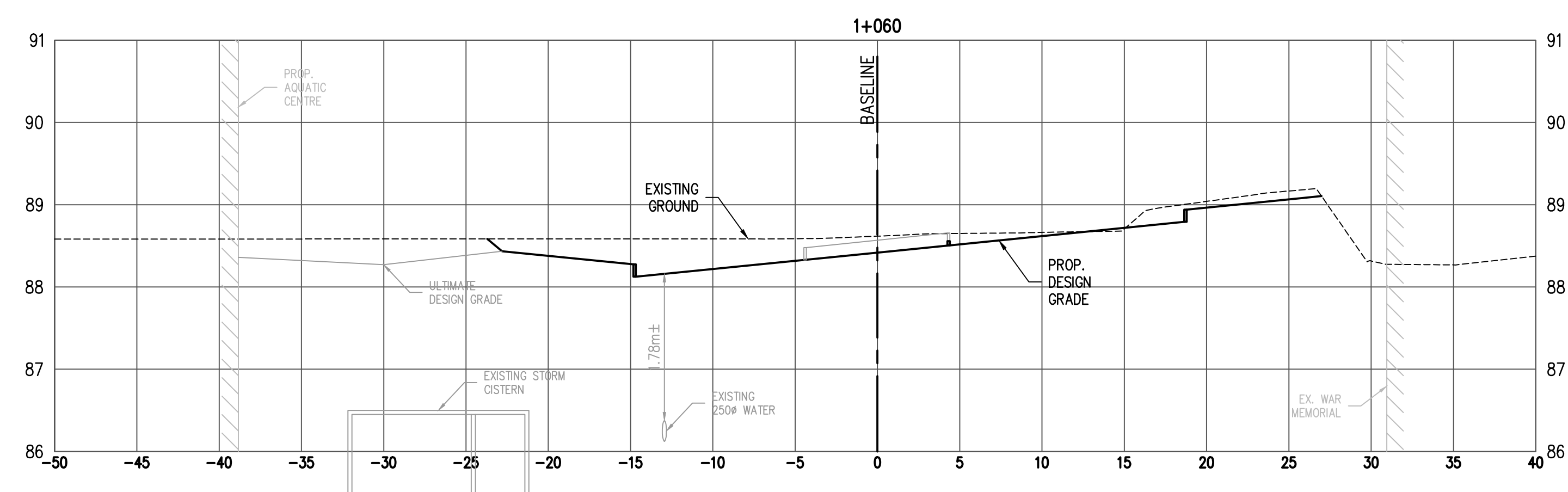
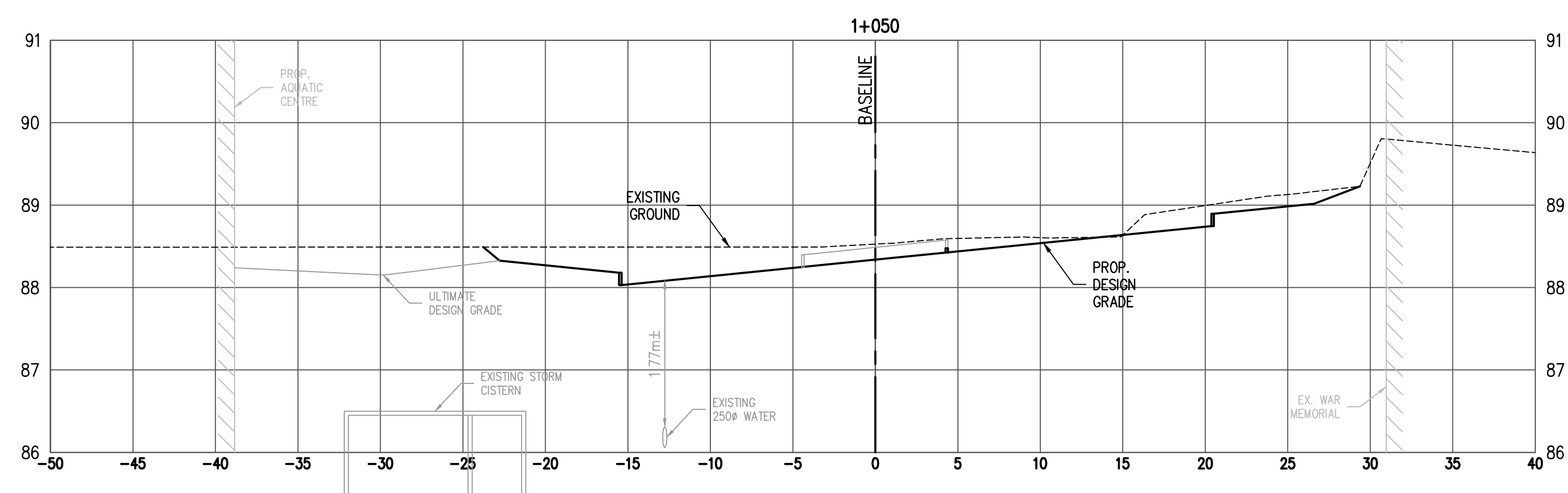
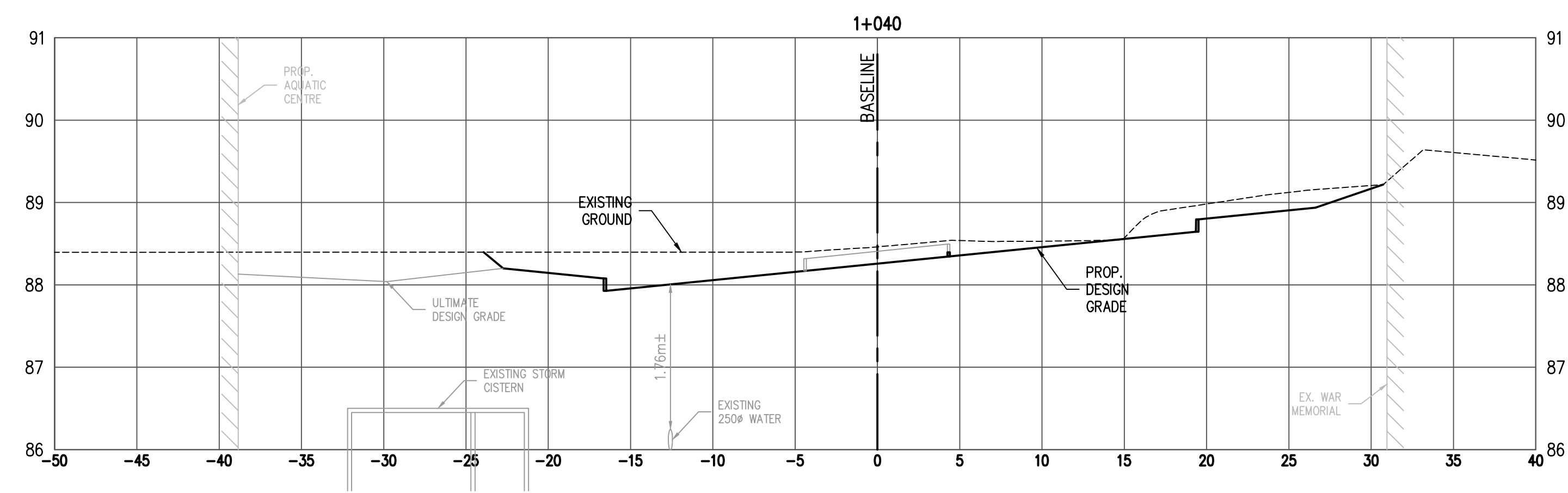
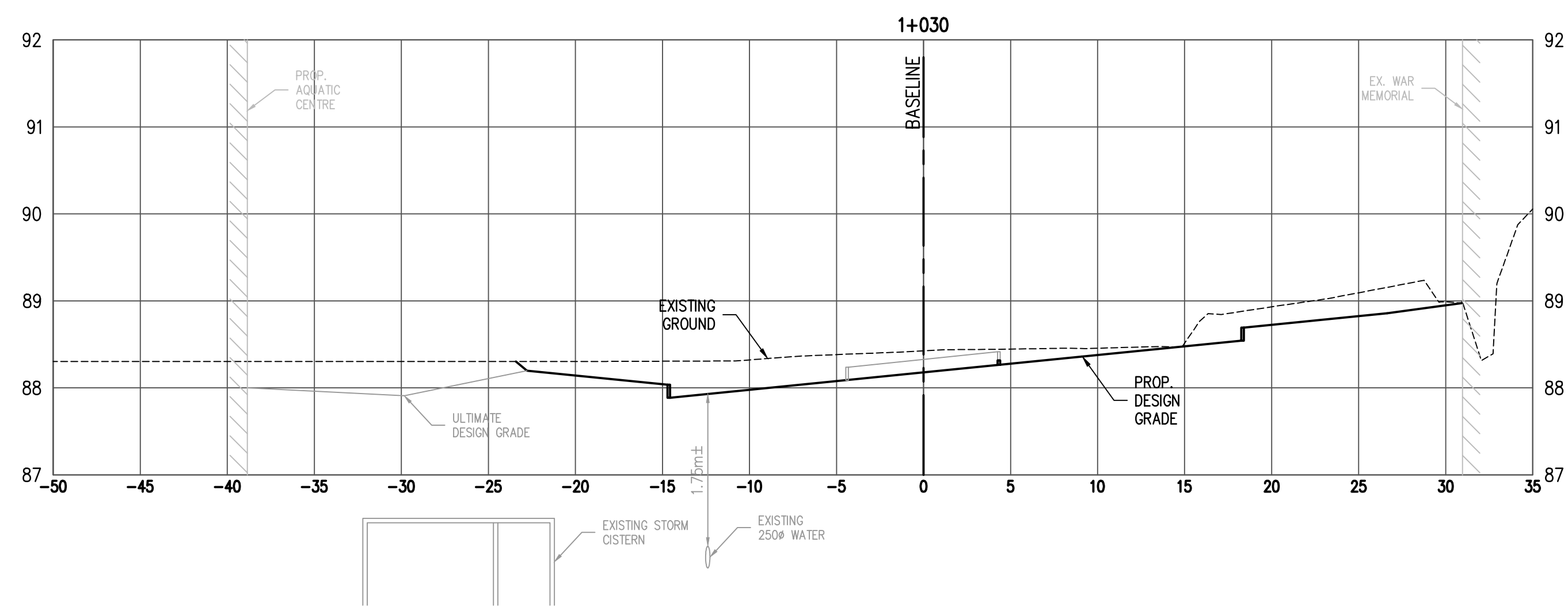
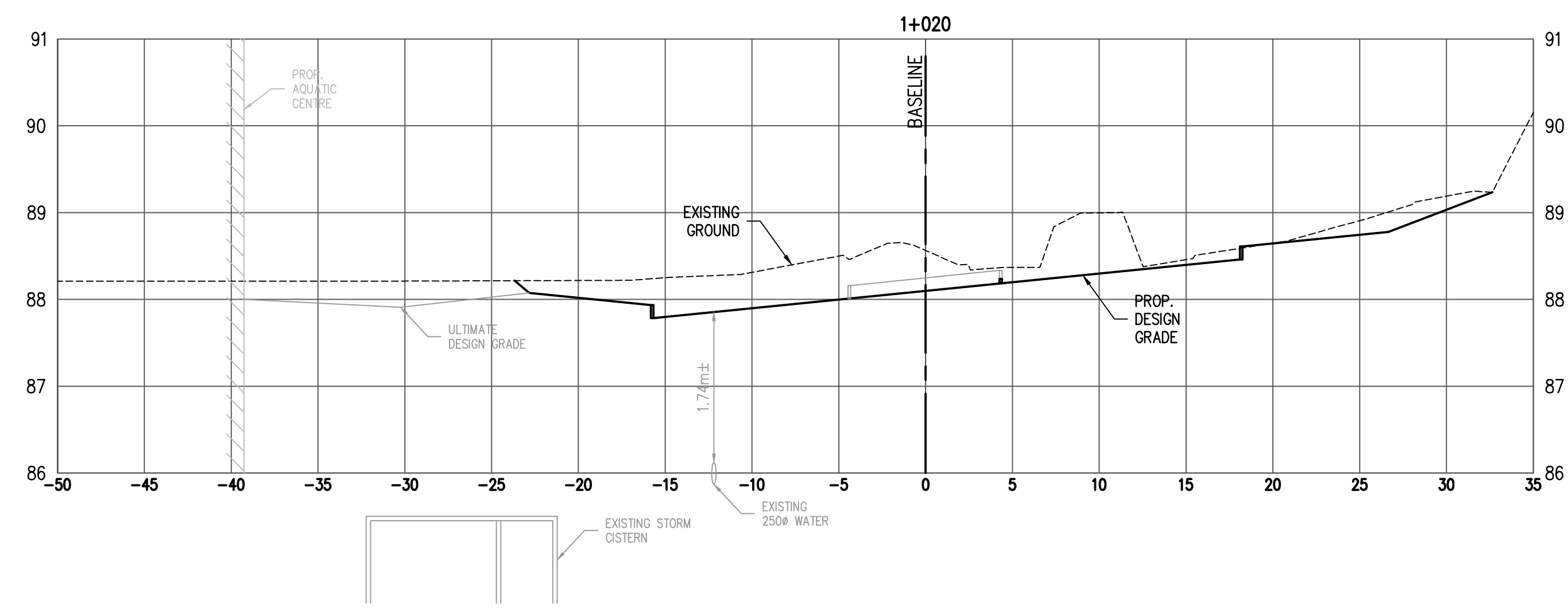
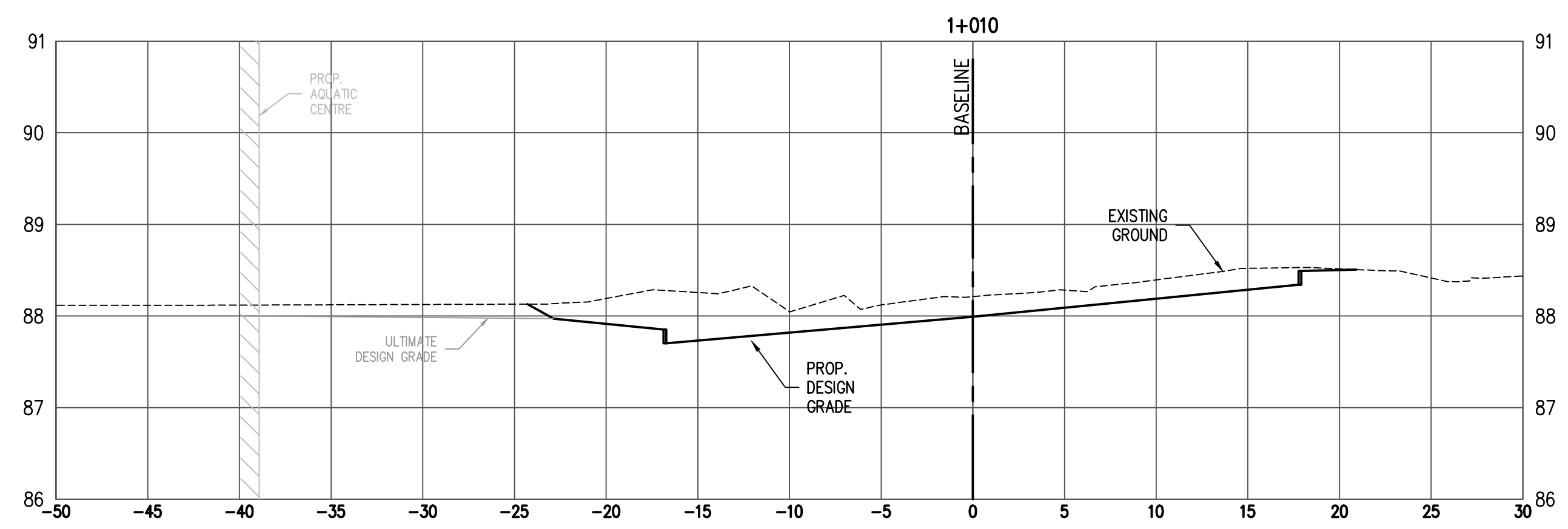


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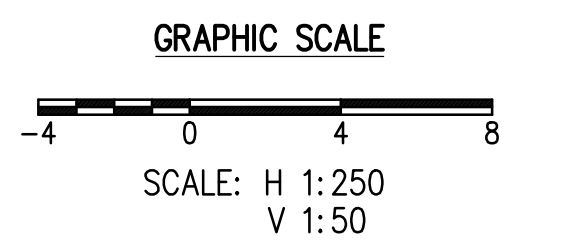
Civil Design
PAVING - GRADING
INTERIM BUS LOOP - STAGE 2

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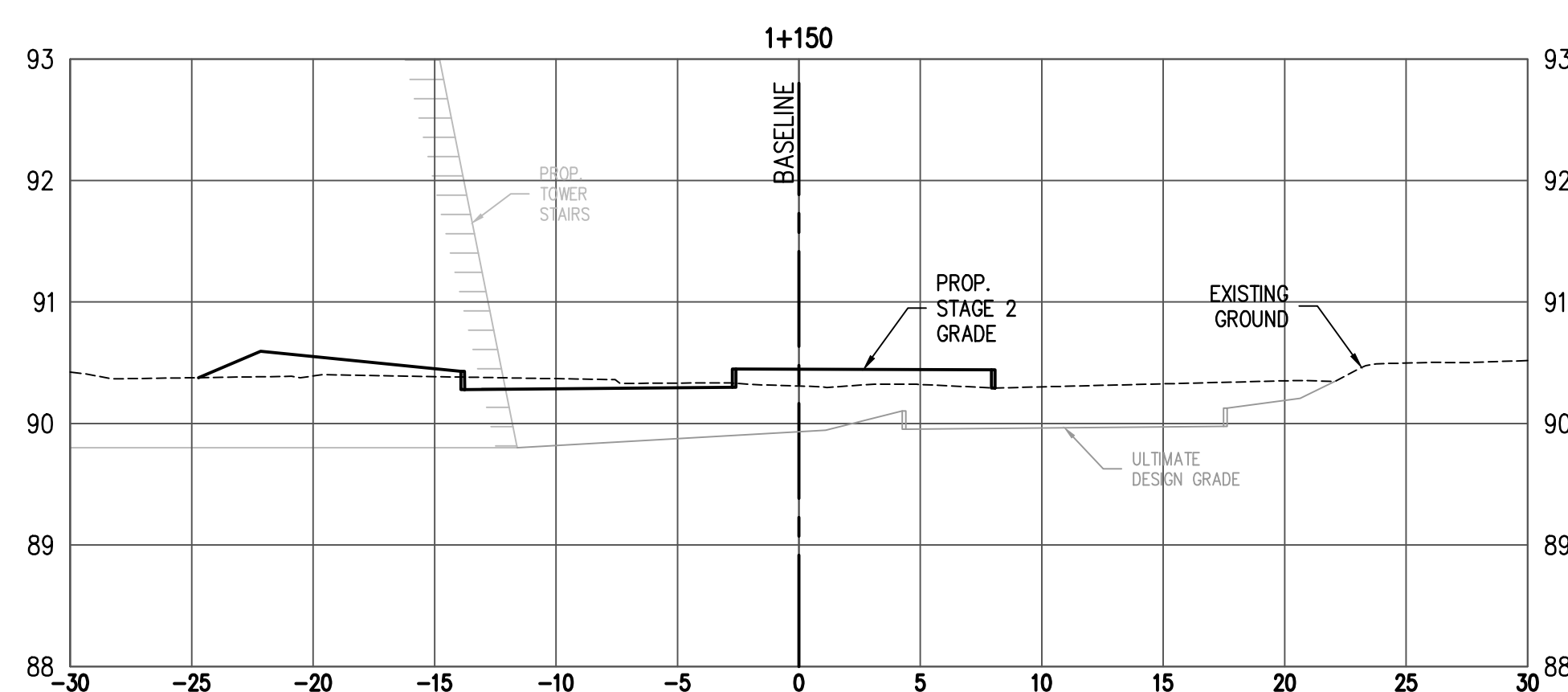
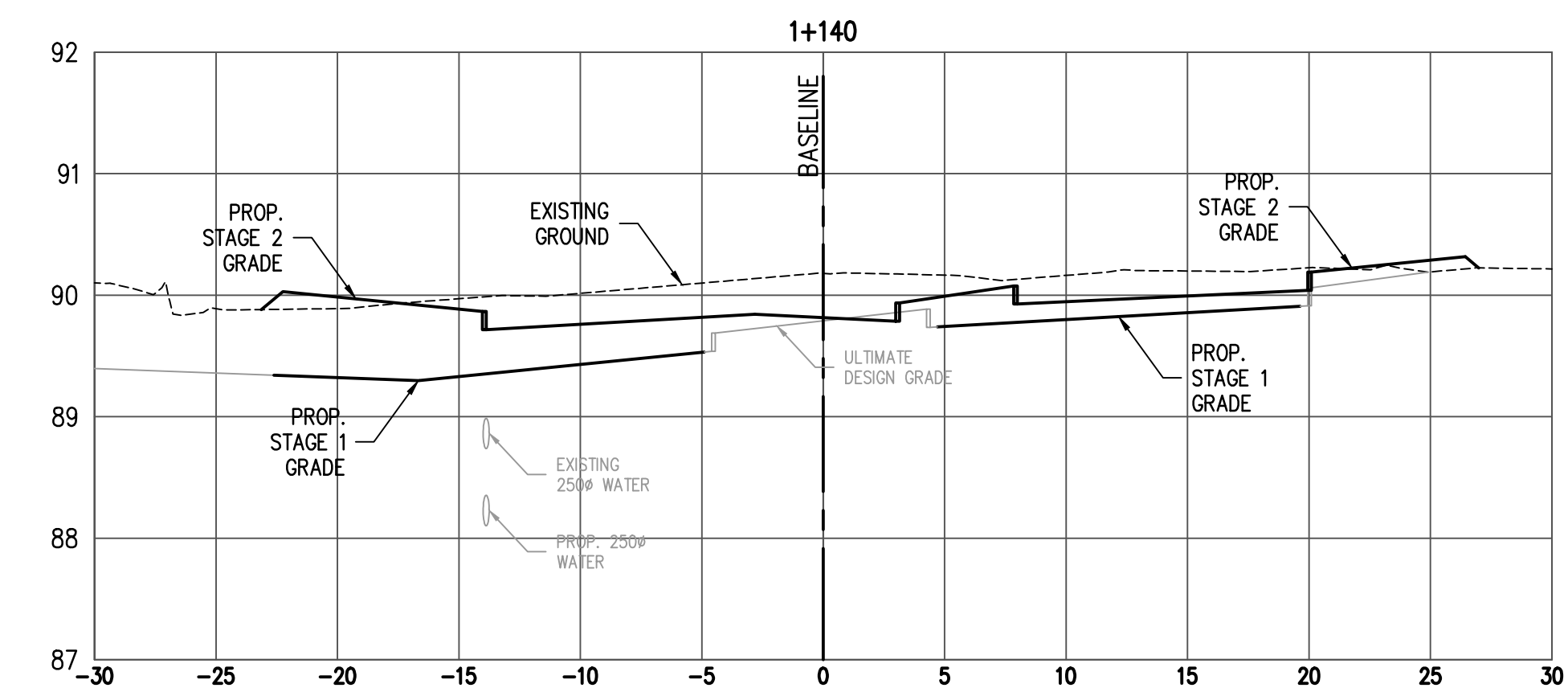
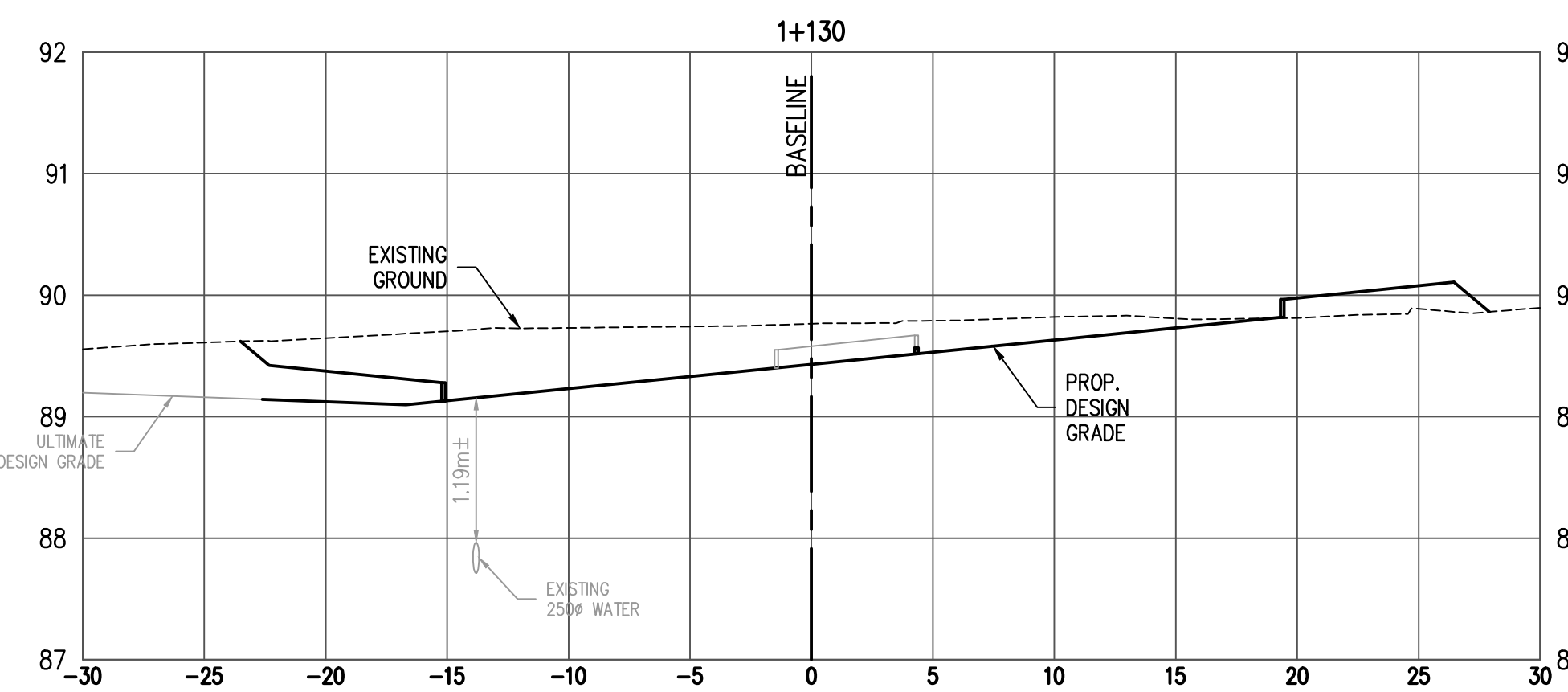
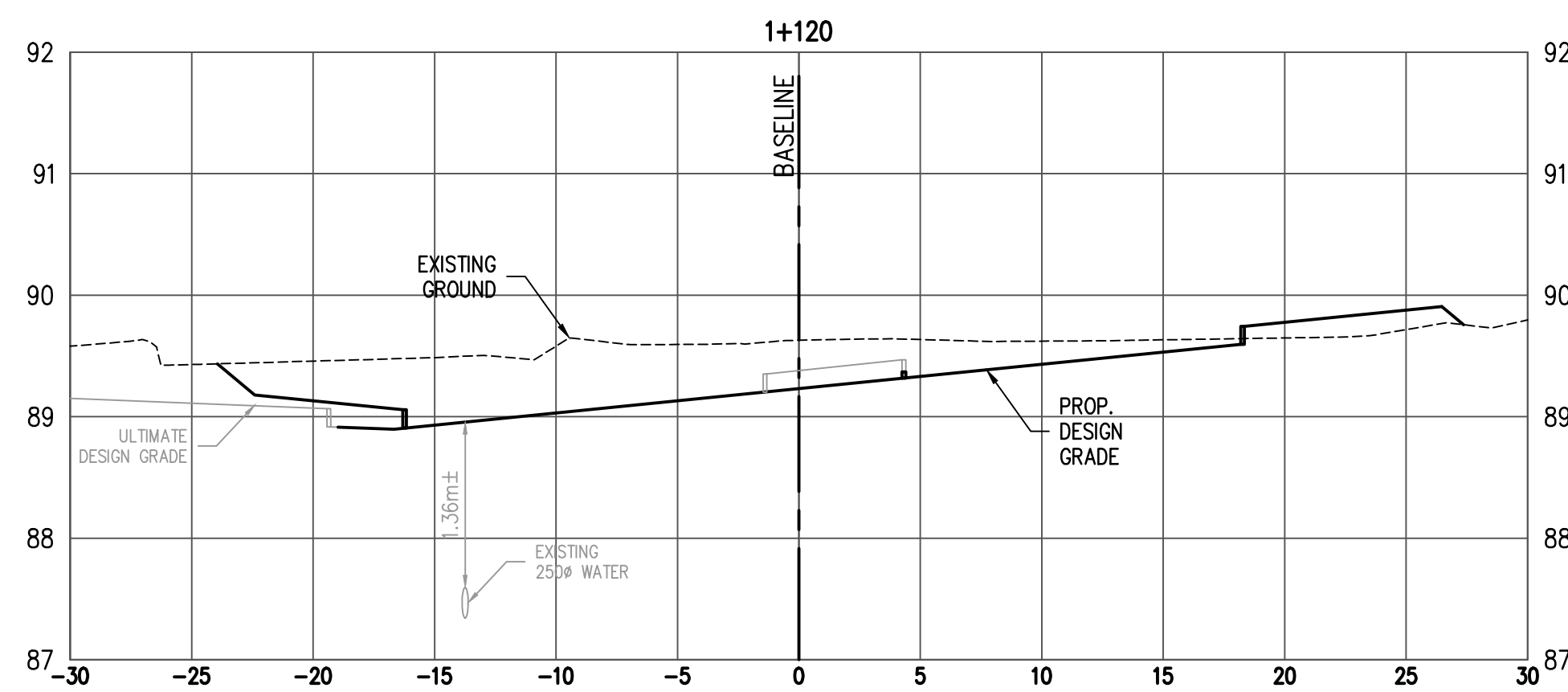
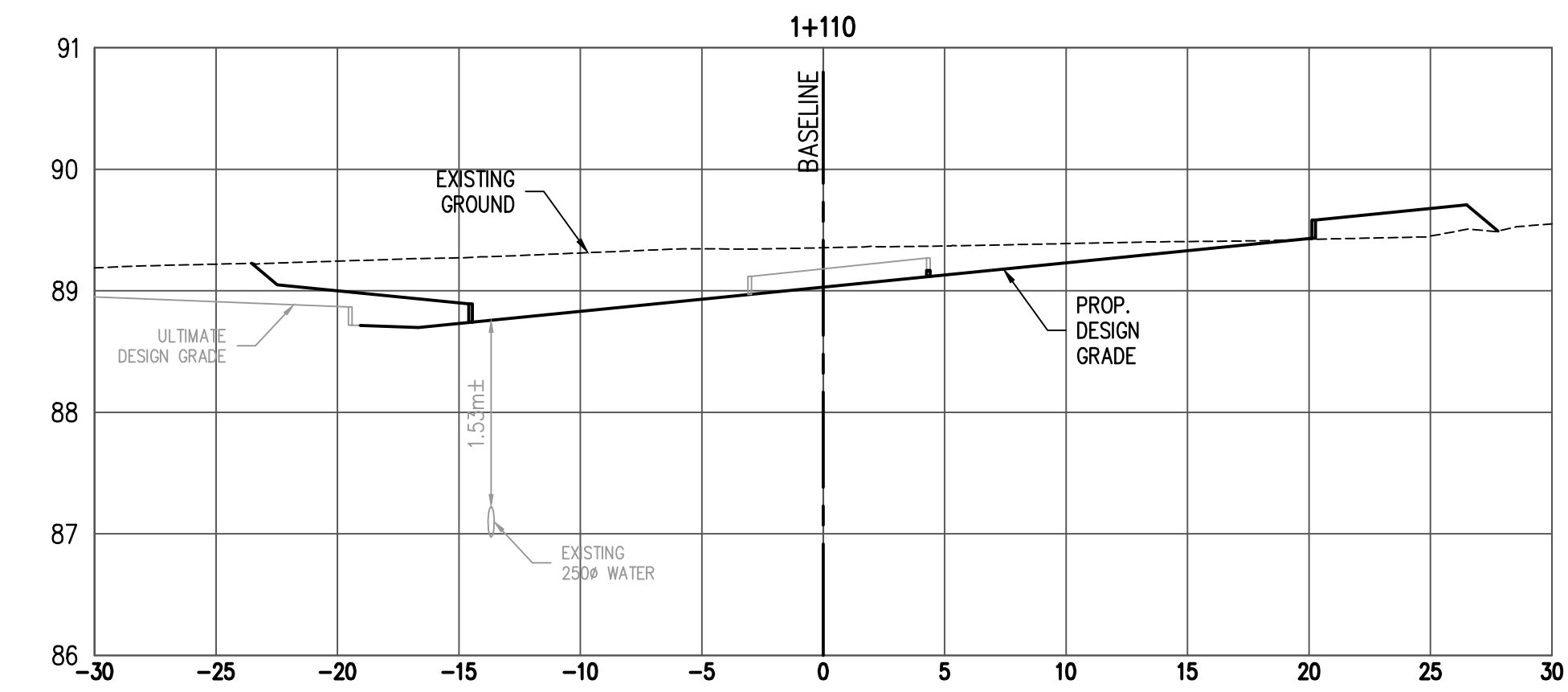
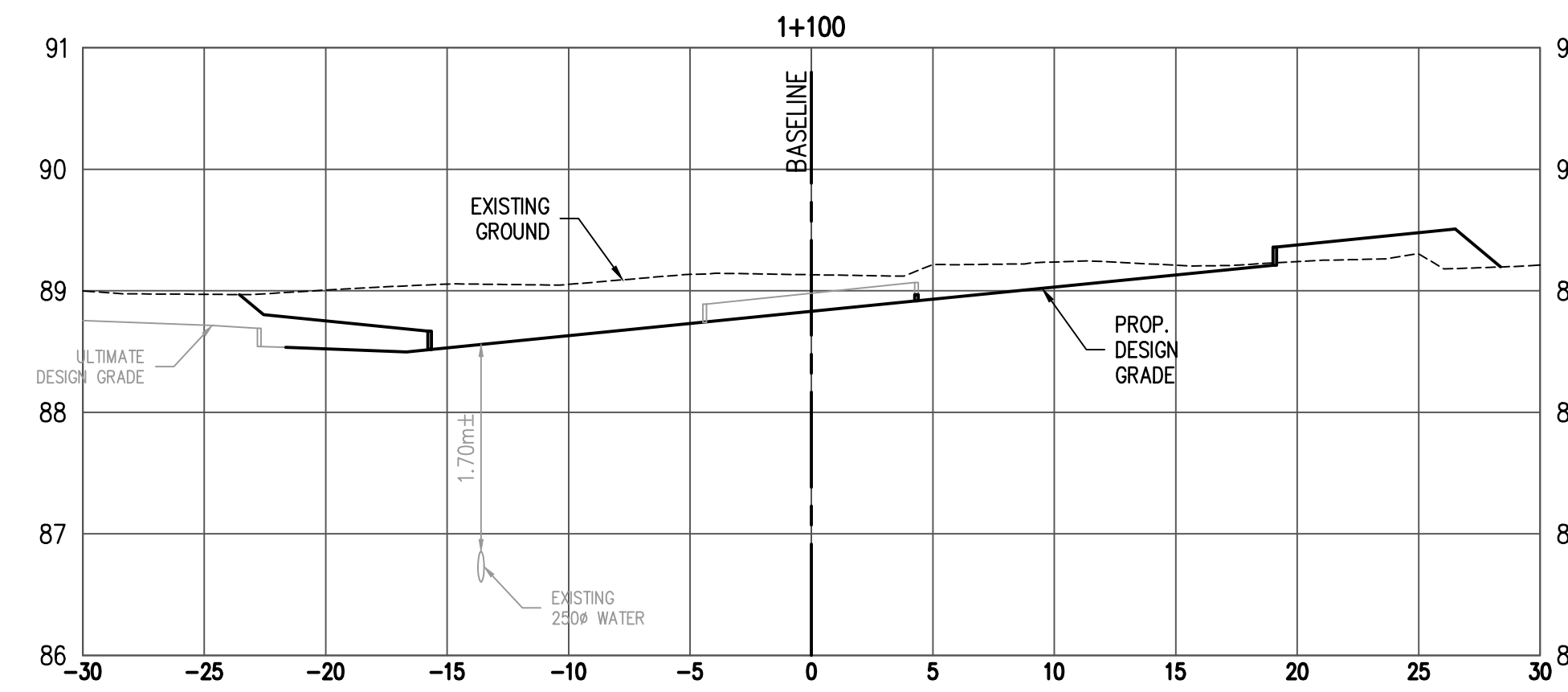
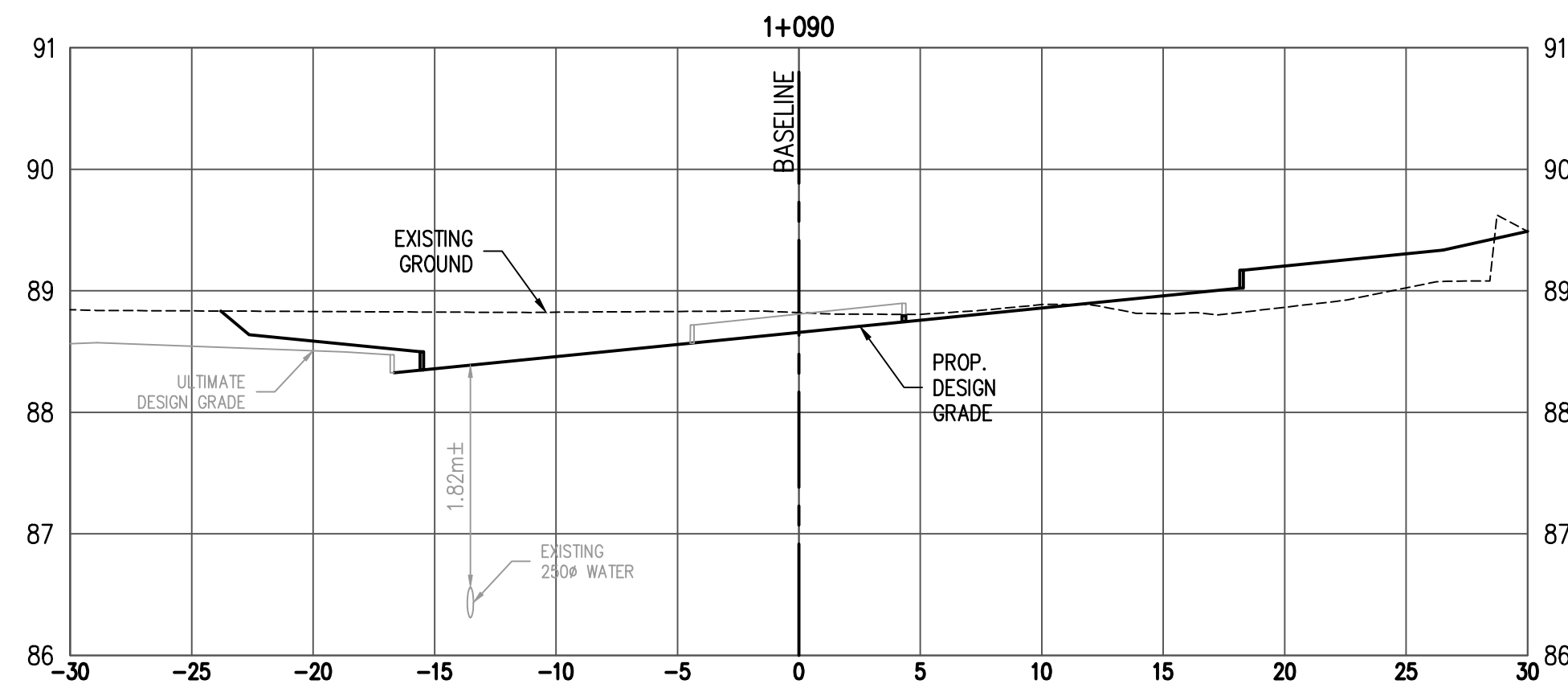
SEAL

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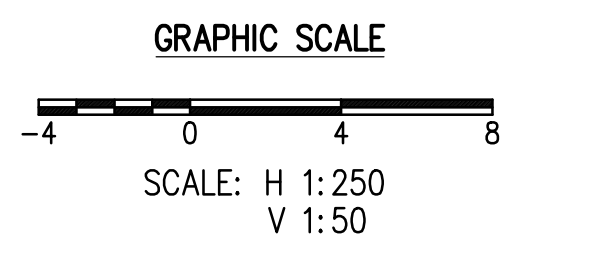
Civil Design
CROSS SECTIONS
INTERIM BUS LOOP

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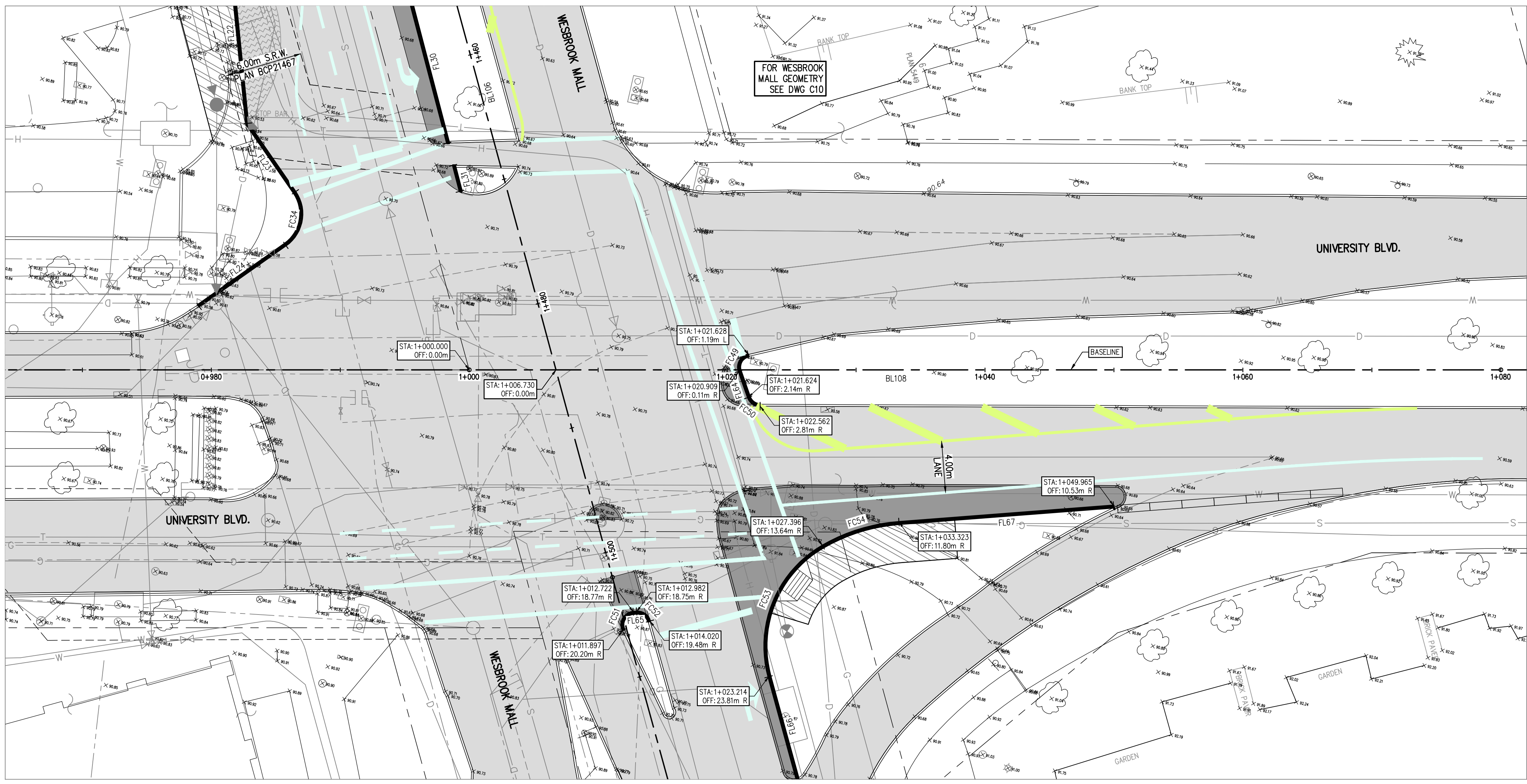
SEAL

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Civil Design
CROSS SECTIONS
INTERIM BUS LOOP

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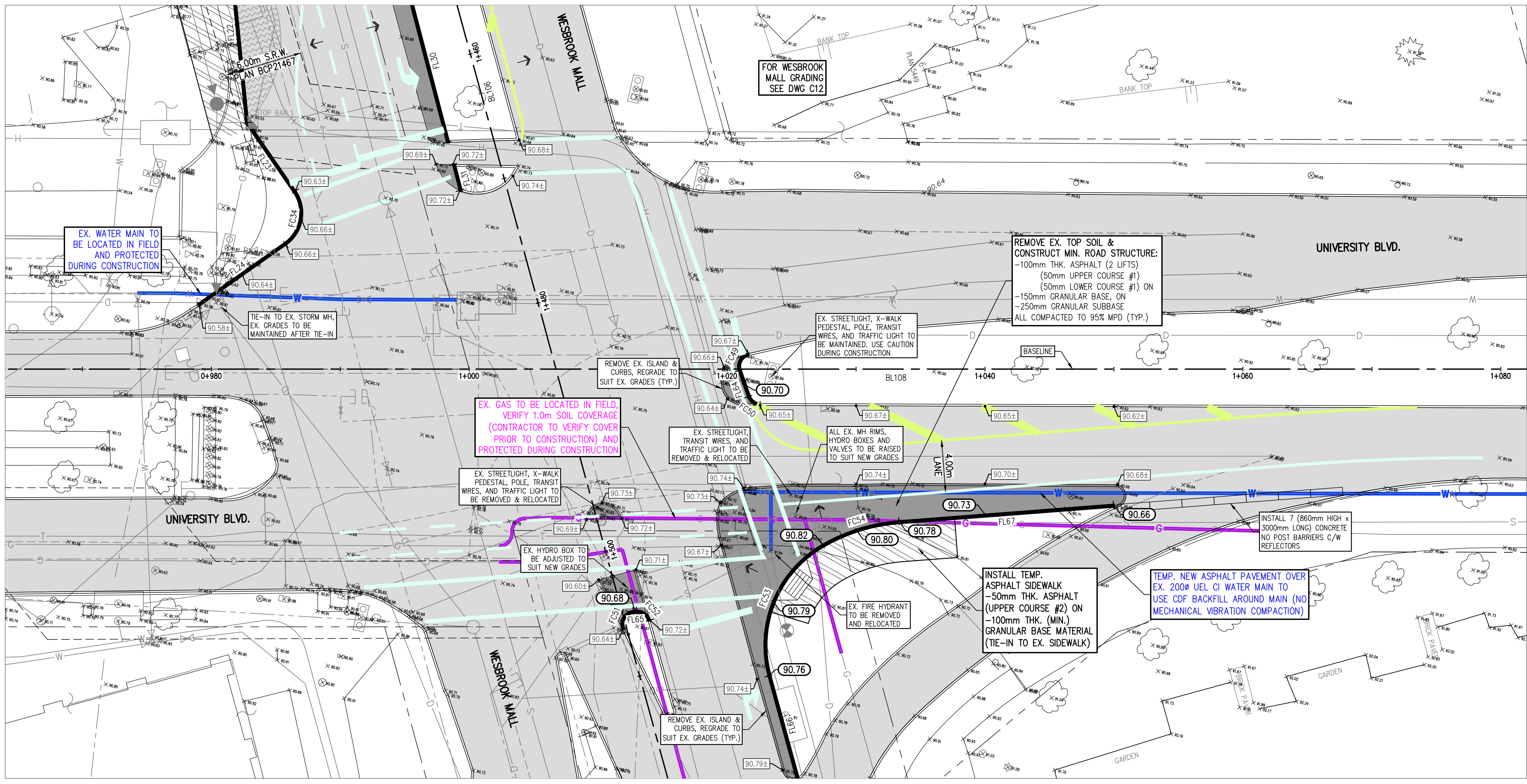


CURVE TABLE (FACE OF CURB)			
CURVE	DELTA	RADIUS	ARC
FC34	89°28'50"	3,000	4.685
FC49	96°24'08"	1,000	1.683
FC50	70°19'02"	1,000	1.227
FC51	111°23'36"	1,000	1.944
FC52	78°42'29"	1,000	1.374
FC53	75°18'32"	9,000	11.830
FC54	25°36'13"	14,000	6.256

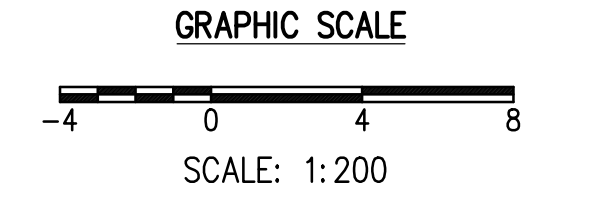
LINE TABLE (FACE OF CURB)		
LINE	BEARING	DISTANCE
FL22	S18°30'04"E	14.180
FL23	S47°24'13"E	6.460
FL24	S42°04'37"W	8.220
FL30	S27°27'37"E	54.199
FL31	S27°27'37"E	2.084
FL64	S32°09'39"E	2.150
FL65	N72°35'44"E	0.260
FL66	N28°03'34"W	8.325
FL67	N72°51'10"E	16.691

LINE TABLE (ROAD BASELINE)		
LINE	BEARING	DISTANCE
BL106	S27°57'39"E	109.680
BL108	S77°14'30"W	80.000

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- LEGEND**
- EXISTING ROAD ASPHALT
 - PROPOSED ROAD ASPHALT
 - PROPOSED ASPHALT SIDEWALK
 - EXISTING CURB (TO REMAIN)
 - PROPOSED 150mm TEMP. ASPHALT CURB
 - STA: STATION @ BASELINE
 - OFF: OFFSET OFF BASELINE
 - EXISTING ELEVATION
 - PROPOSED ELEVATION



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