



Ministry of
Transportation
and Infrastructure

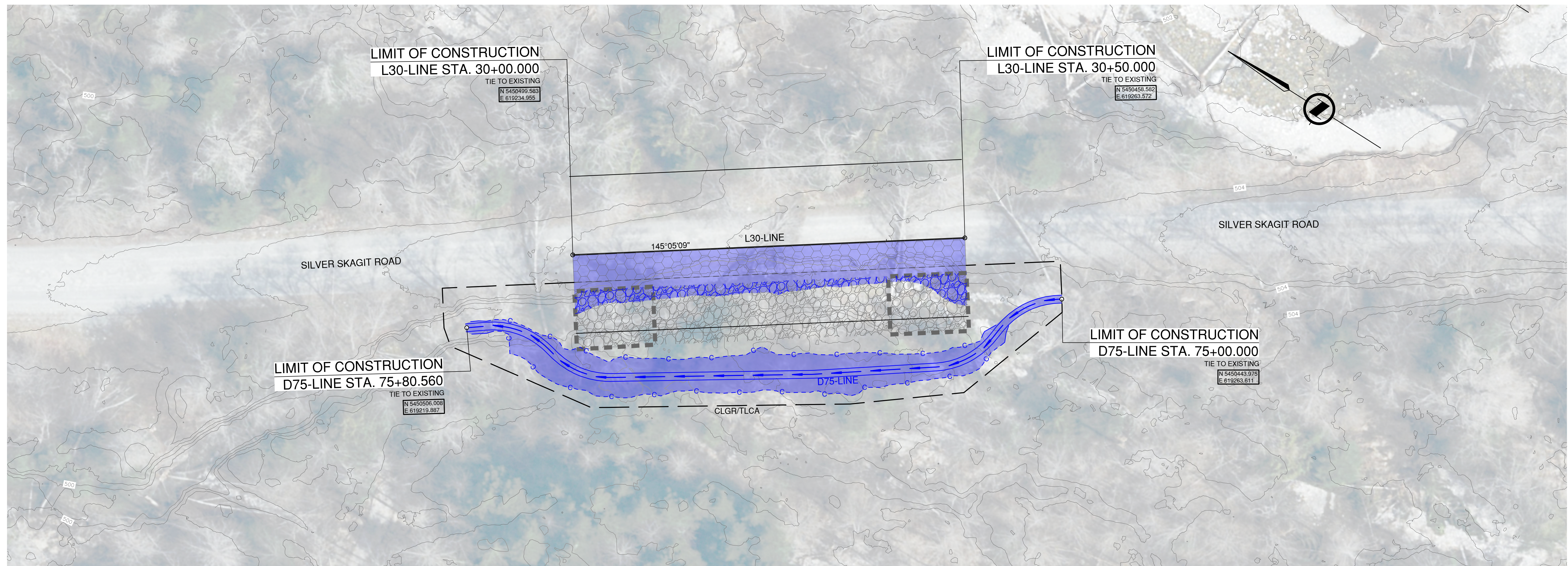
PROJECT NO. 14133-0001

SILVER SKAGIT ROAD

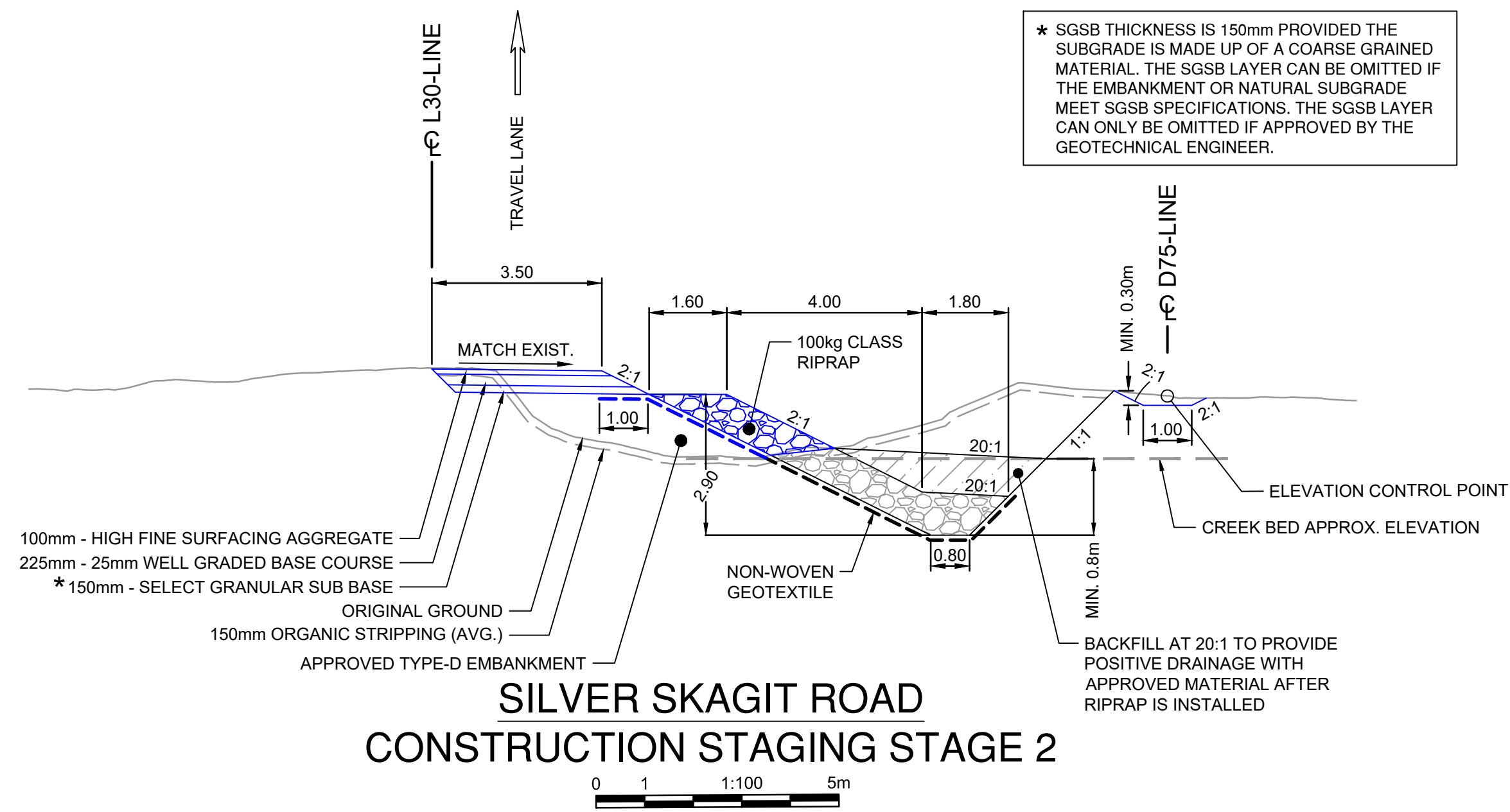
SUGGESTED CONSTRUCTION STAGING

FOR INFORMATION ONLY - SEPT. 15, 2023

IAN PILKINGTON, CHIEF ENGINEER



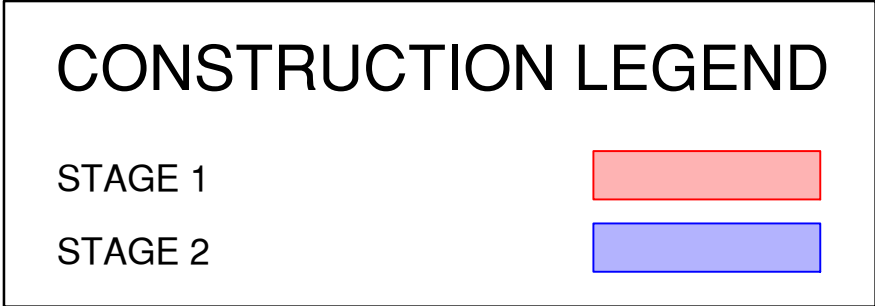
TYPICAL SECTION AS PER BC SUPPLEMENT TO TAC FIGURE 510.P



DRAFT

FOR INFORMATION ONLY - SEPT. 15, 2023

- NOTES:**
- PHASE 1:
- REDIRECT FLOW TO THE NORTHEAST OF THE RIPRAP TOE BY CONSTRUCTING TEMPORARY DITCHING AS SUGGESTED BY THE D15-LINE.
 - CONSTRUCT RIPRAP TOE. DEWATER OVERLAND FLOW AS REQUIRED.
- PHASE 2:
- REDIRECT FLOW TO THE SOUTHWEST OF THE RIPRAP TOE BY CONSTRUCTING TEMPORARY DITCHING AS SUGGESTED BY THE D75-LINE.
 - INSTALL REMAINDER OF RIPRAP.
 - COMPLETE ROADWAY GRADING.



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BRITISH COLUMBIA

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTH COAST REGION
HIGHWAY ENGINEERING AND GEOMATICS

SCALE _____ CAD FILENAME 1200CS-23.0-22-0091.DWG DATE 2023-09-14 FILE NUMBER 22-0091

REV	DATE	REVISIONS	SIGNATURE

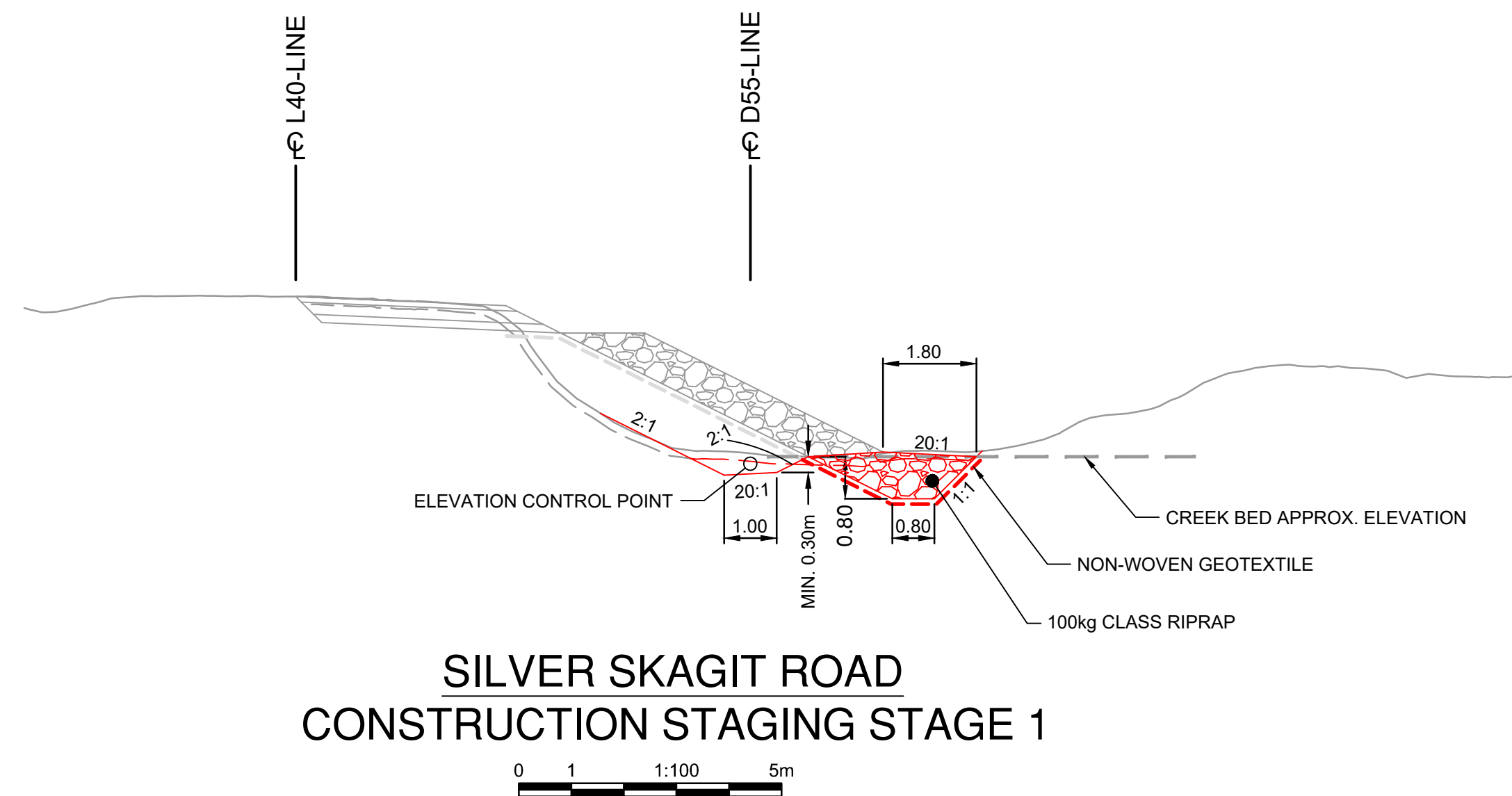
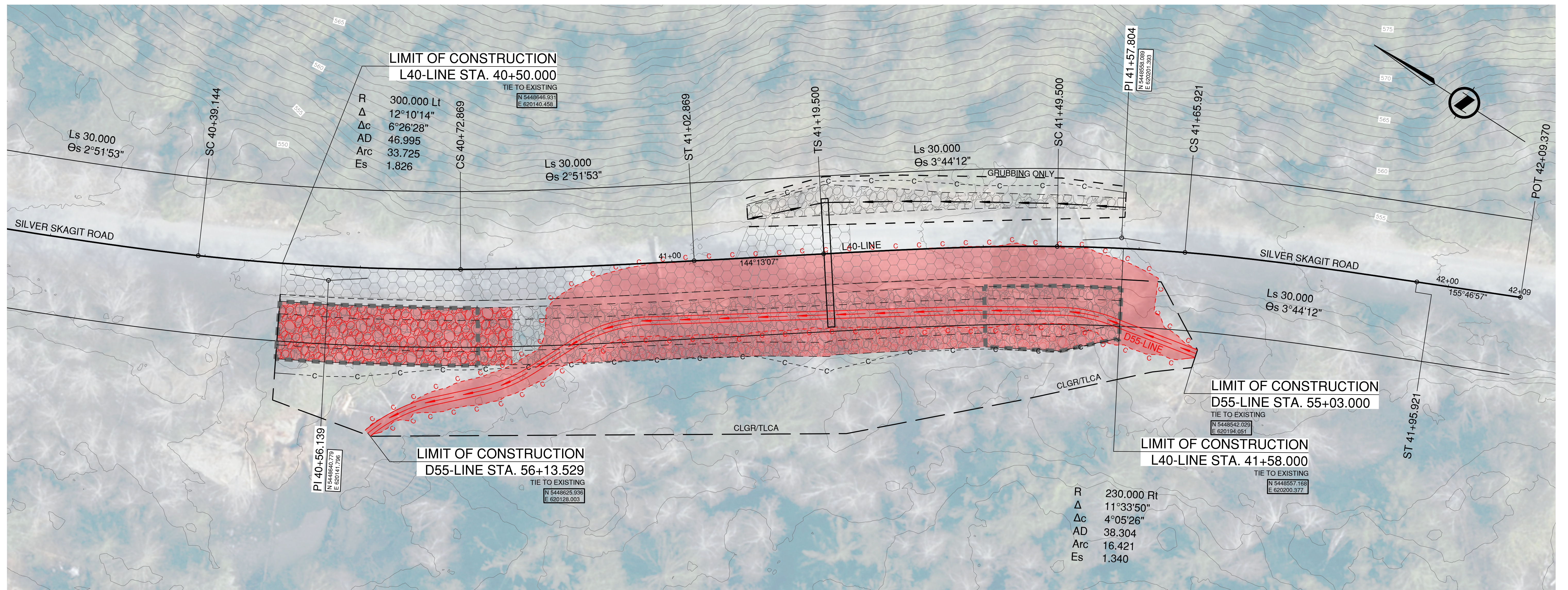
SUGGESTED CONSTRUCTION STAGING
SILVER SKAGIT ROAD
FLOOD RECOVERY WORKS - 10.9KM TO 56.7KM
STAGE 2

DRAFT

DESIGNED _____ X.G. DATE SEPT. 2023
QUALITY CONTROL _____ X.G. DATE SEPT. 2023
QUALITY ASSURANCE _____ M.C. DATE SEPT. 2023
DRAWN _____ T.K./S.C. DATE SEPT. 2023

PROJECT NUMBER	REG	DRAWING NUMBER	REV
14133-0001	1	R1-1055-102CS	

ENGINEER OF RECORD DATE _____



FOR INFORMATION ONLY - SEPT. 15, 2023

CONSTRUCTION LEGEND

STAGE 1	
STAGE 2	

FOR REFERENCE ONLY

- NOTES:**
- PHASE 1:
- REDIRECT FLOW TO THE NORTHEAST OF THE RIPRAP TOE BY CONSTRUCTING TEMPORARY DITCHING AS SUGGESTED BY THE D55-LINE.
 - CONSTRUCT RIPRAP TOE. DEWATER OVERLAND FLOW AS REQUIRED.
- PHASE 2:
- REDIRECT FLOW TO THE SOUTHWEST OF THE RIPRAP TOE BY CONSTRUCTING TEMPORARY DITCHING AS SUGGESTED BY THE D65-LINE.
 - INSTALL REMAINDER OF RIPRAP.

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HIGHWAY ENGINEERING AND GEOMATICS

SCALE

CAD FILENAME: 1200CS-25.3-22-0091.DWG
 DATE: 2023-09-14
 FILE NUMBER: 22-0091

REV	DATE	REVISIONS	SIGNATURE

SUGGESTED CONSTRUCTION STAGING
SILVER SKAGIT ROAD
FLOOD RECOVERY WORKS - 10.9KM TO 56.7KM
STAGE 1

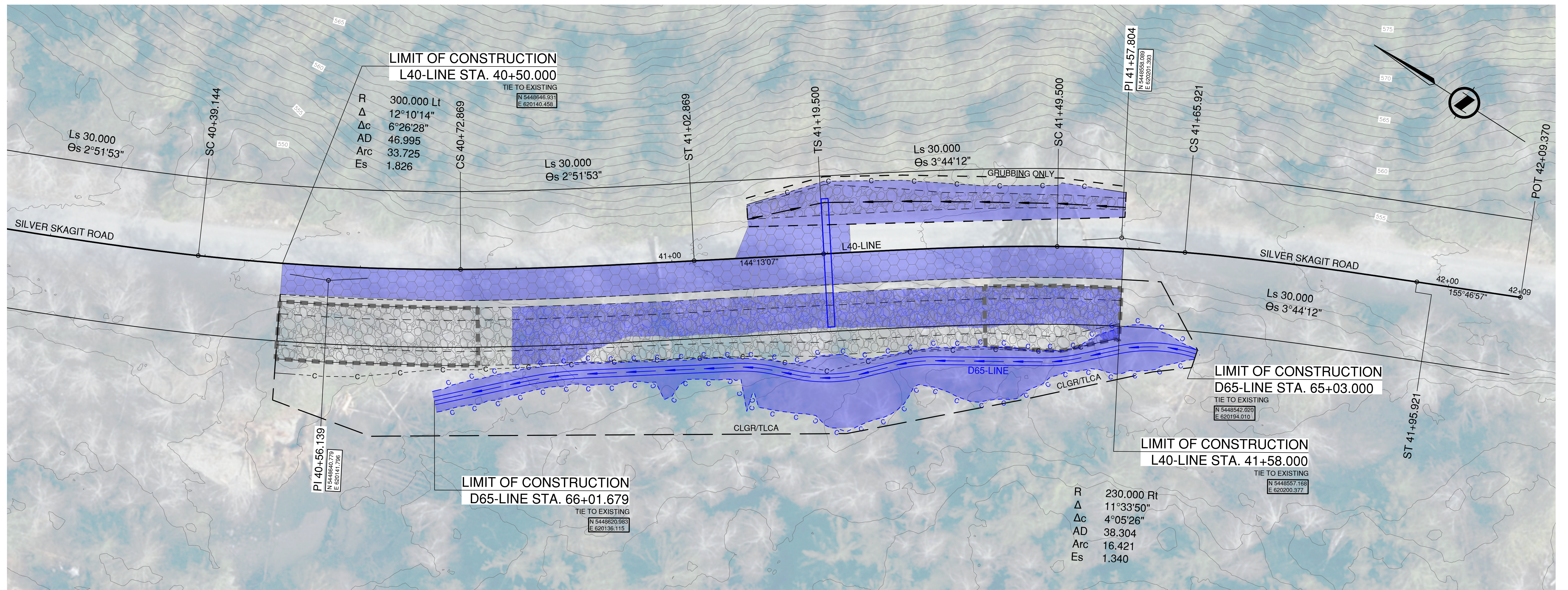
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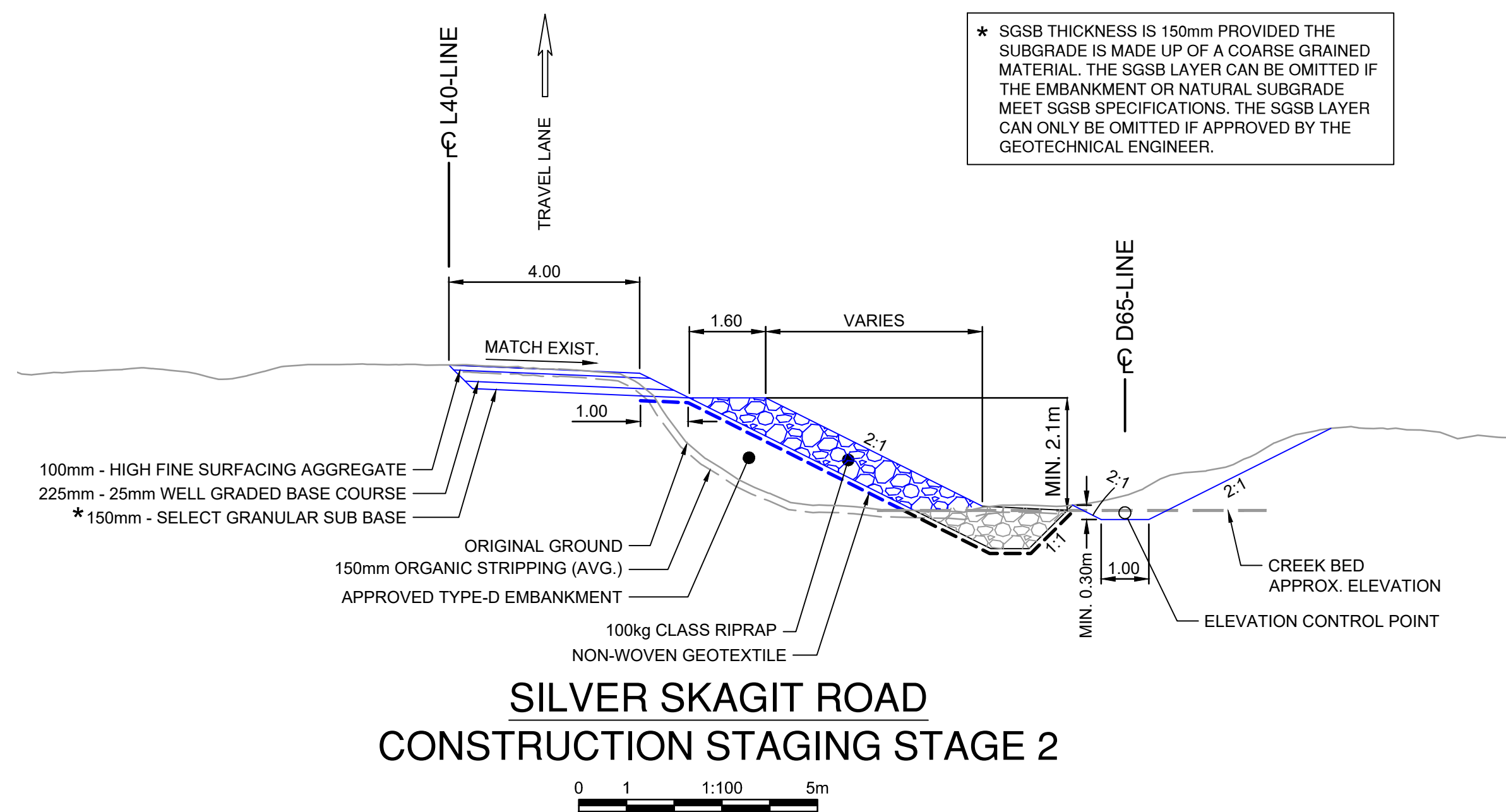
PROJECT NUMBER: 14133-0001 REG: 1 DRAWING NUMBER: R1-1056-101CS REV: _____

ENGINEER OF RECORD DATE: _____

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TYPICAL SECTION AS PER BC SUPPLEMENT TO TAC FIGURE 510.P



* SGSB THICKNESS IS 150mm PROVIDED THE SUBGRADE IS MADE UP OF A COARSE GRAINED MATERIAL. THE SGSB LAYER CAN BE OMITTED IF THE EMBANKMENT OR NATURAL SUBGRADE MEET SGSB SPECIFICATIONS. THE SGSB LAYER CAN ONLY BE OMITTED IF APPROVED BY THE GEOTECHNICAL ENGINEER.

CONSTRUCTION LEGEND

STAGE 1

STAGE 2

FOR REFERENCE ONLY

- NOTES:**
- PHASE 1:
- REDIRECT FLOW TO THE NORTHEAST OF THE RIPRAP TOE BY CONSTRUCTING TEMPORARY DITCHING AS SUGGESTED BY THE D55-LINE.
 - CONSTRUCT RIPRAP TOE. DEWATER OVERLAND FLOW AS REQUIRED.
- PHASE 2:
- REDIRECT FLOW TO THE SOUTHWEST OF THE RIPRAP TOE BY CONSTRUCTING TEMPORARY DITCHING AS SUGGESTED BY THE D65-LINE.
 - INSTALL REMAINDER OF RIPRAP.
 - INSTALL CROSS CULVERT AND COMPLETE ROADWAY GRADING AND DITCHING.

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SCALE _____ CAD FILENAME 1200CS-25.3-22-0091.DWG DATE 2023-09-14 FILE NUMBER 22-0091

REV	DATE	REVISIONS	SIGNATURE

SUGGESTED CONSTRUCTION STAGING
SILVER SKAGIT ROAD
FLOOD RECOVERY WORKS - 10.9KM TO 56.7KM
STAGE 2

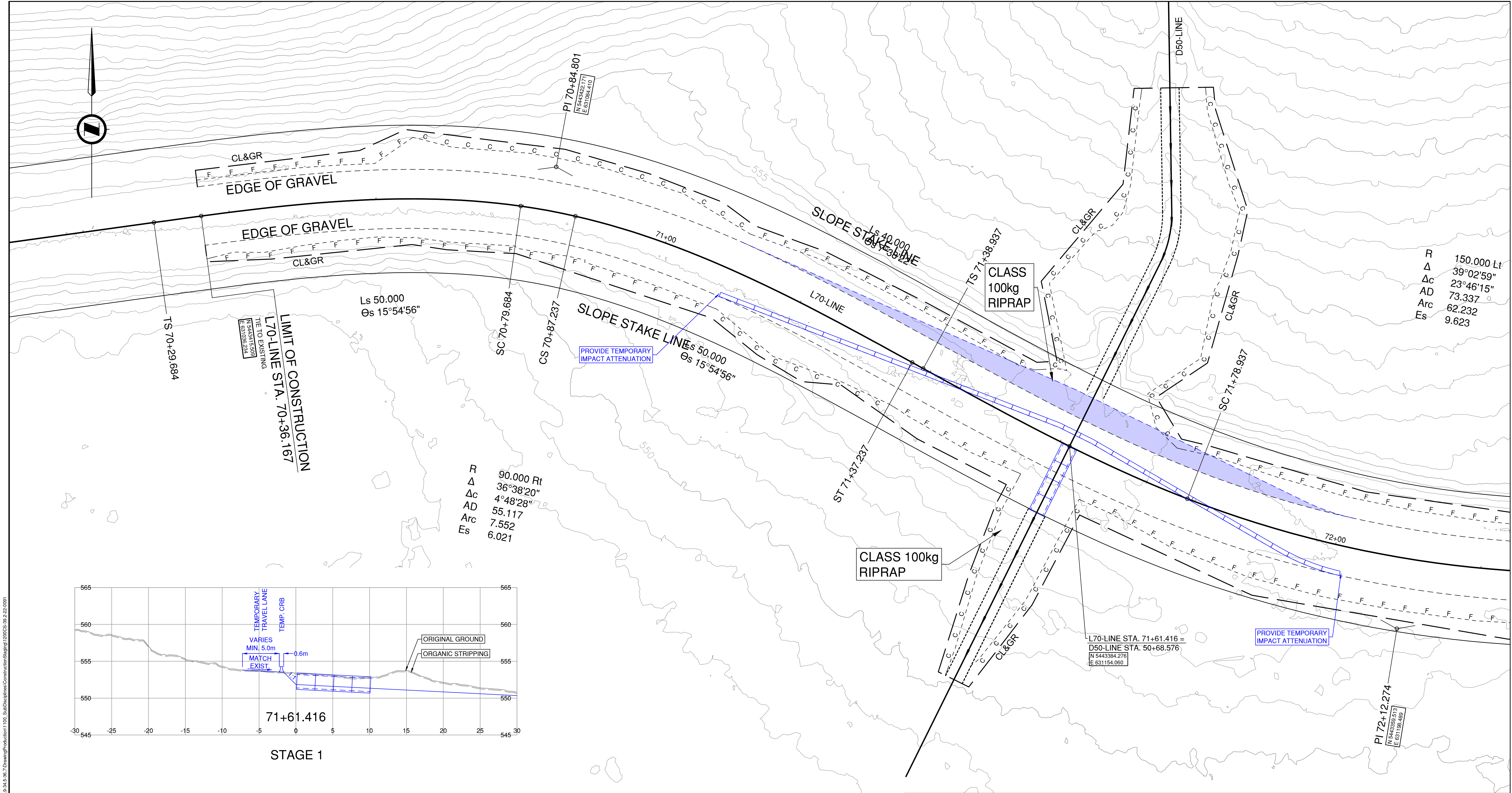
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PROJECT NUMBER 14133-0001 REG 1 DRAWING NUMBER R1-1056-102CS REV

ENGINEER OF RECORD DATE

FOR INFORMATION ONLY - SEPT. 15, 2023



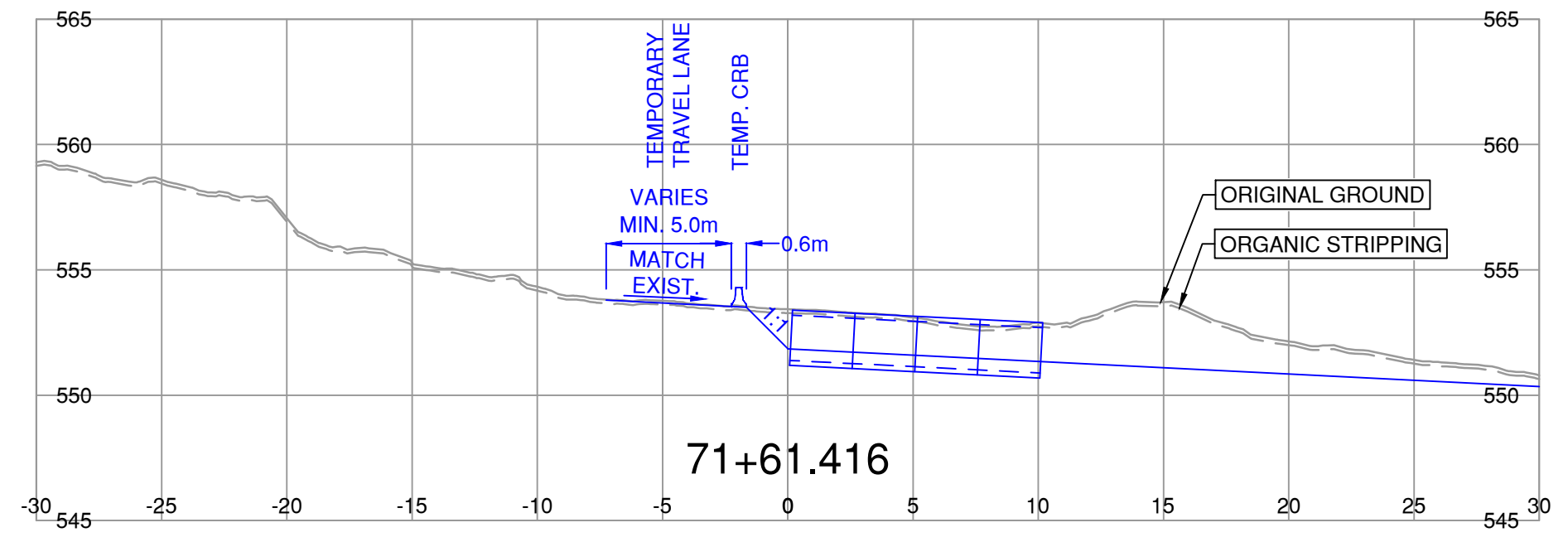
R 150.000 Lt
 Δ 39°02'59"
 Δc 23°46'15"
 AD 73.337
 Arc 62.232
 Es 9.623

R 90.000 Rt
 Δ 36°38'20"
 Δc 4°48'28"
 AD 55.117
 Arc 7.552
 Es 6.021

Ls 50.000
 Θs 15°54'56"

Ls 50.000
 Θs 15°54'56"

Ls 40.000
 Θs 15°54'56"



STAGE 1



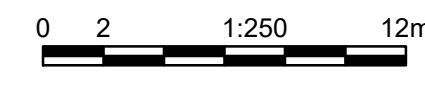
NOTE:
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LEGEND:

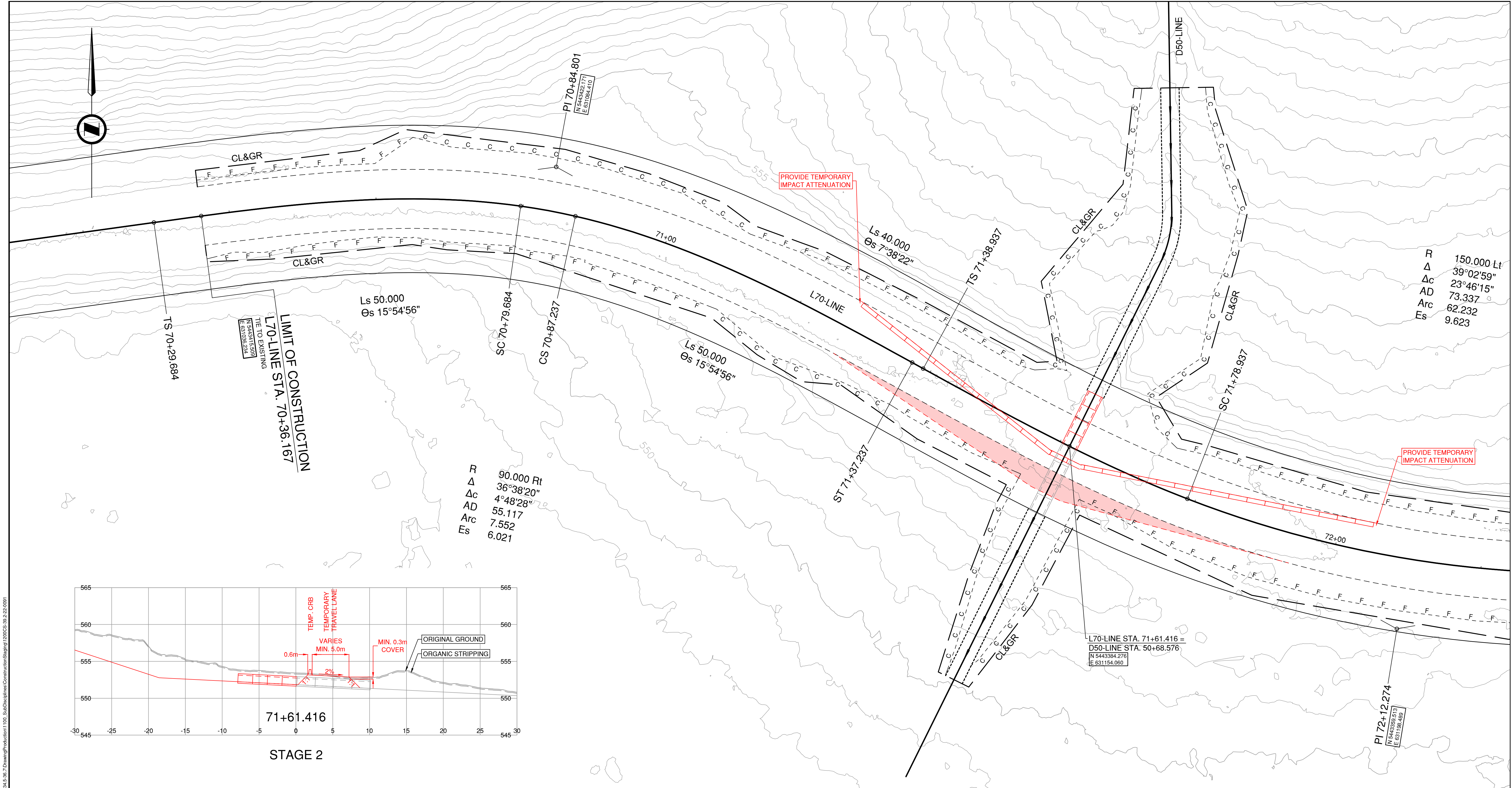
STAGE 1	
STAGE 2	

SILVER SKAGIT ROAD DETOUR
 ASSUMED DESIGN SPEED 10km/h

FOR INFORMATION ONLY - SEPT. 15, 2023

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<p>SCALE  CAD FILENAME 1200CS-39.2-22-0091.DWG DATE 2023-09-14 FILE NUMBER 22-0091</p>		<p>SUGGESTED CONSTRUCTION STAGING SILVER SKAGIT ROAD SUGGESTED CONSTRUCTION STAGING</p>																								
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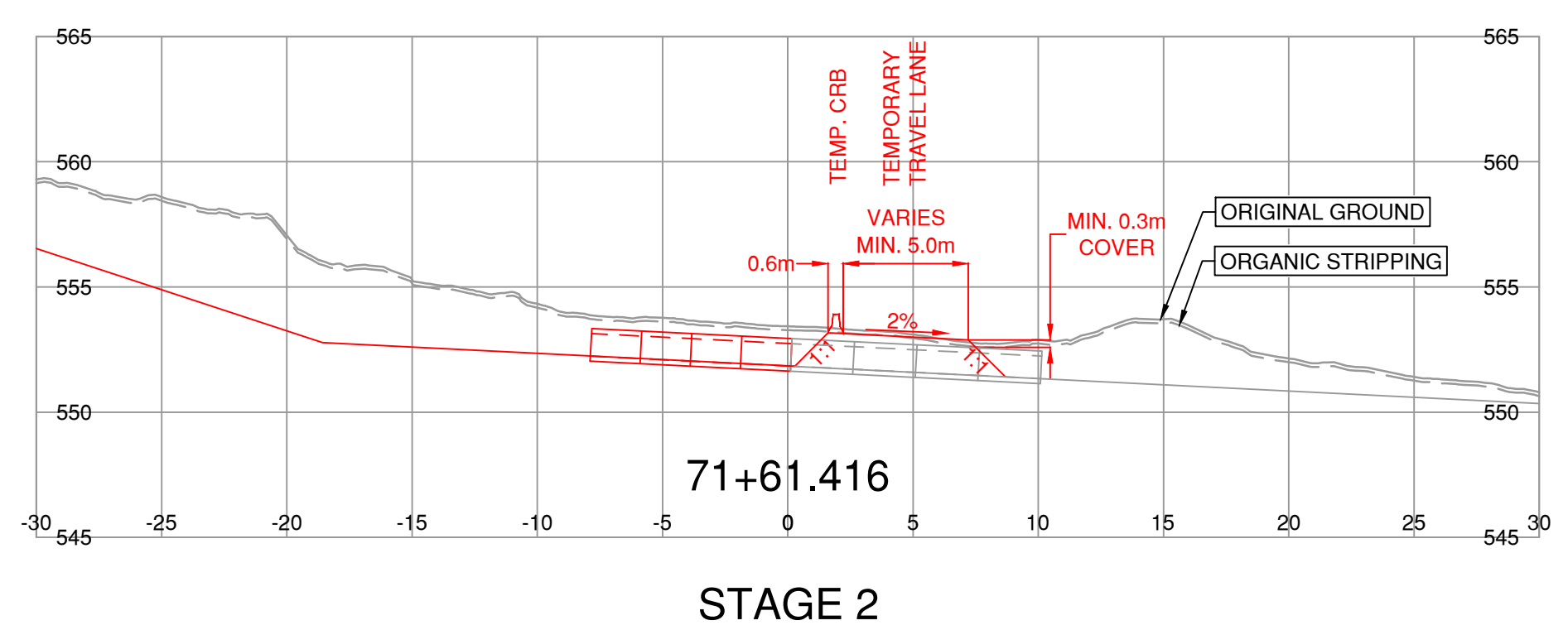
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R 150.000 Lt
 Δ 39°02'59"
 Δc 23°46'15"
 AD 73.337
 Arc 62.232
 Es 9.623

R 90.000 Rt
 Δ 36°38'20"
 Δc 4°48'28"
 AD 55.117
 Arc 7.552
 Es 6.021

LIMIT OF CONSTRUCTION
 L70-LINE STA. 70+36.167
 THE TO EXISTING
 N 544315.508
 E 631028.234



NOTE:
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LEGEND:

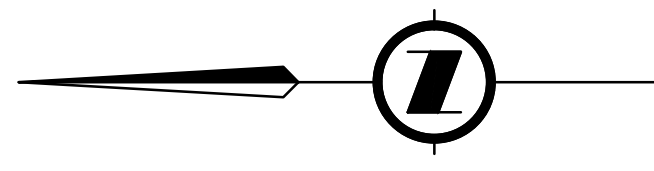
STAGE 1	
STAGE 2	

SILVER SKAGIT ROAD DETOUR
 ASSUMED DESIGN SPEED 10km/h

FOR INFORMATION ONLY - SEPT. 15, 2023

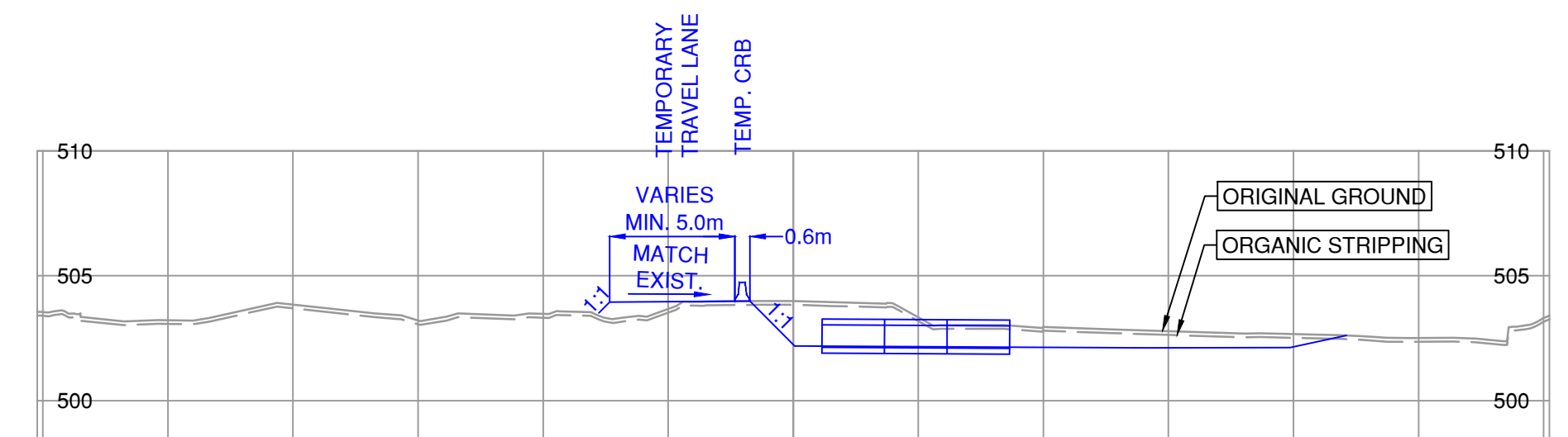
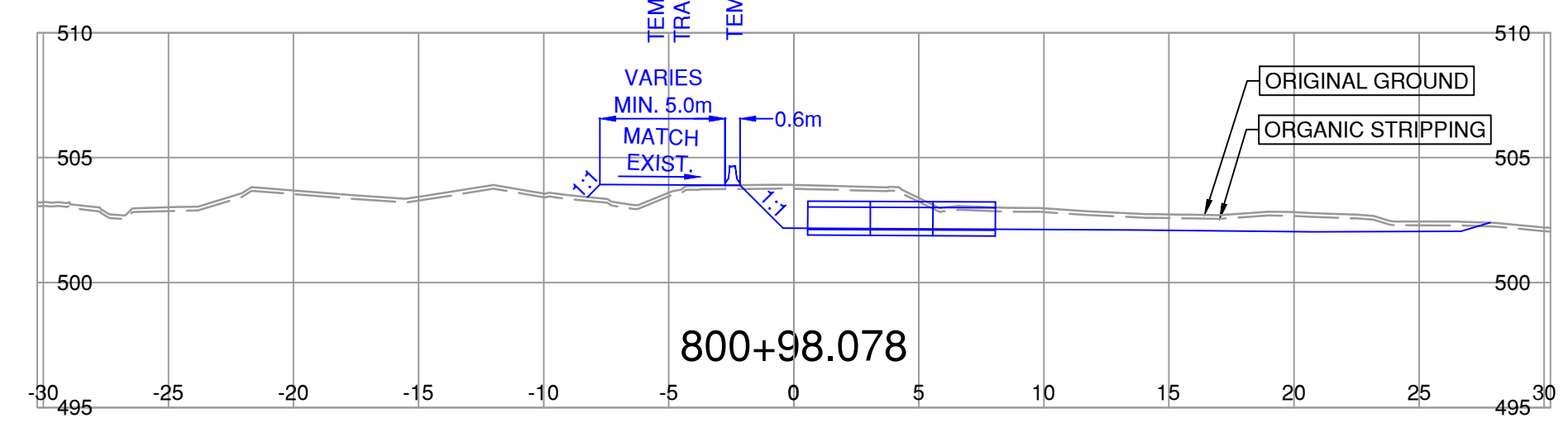
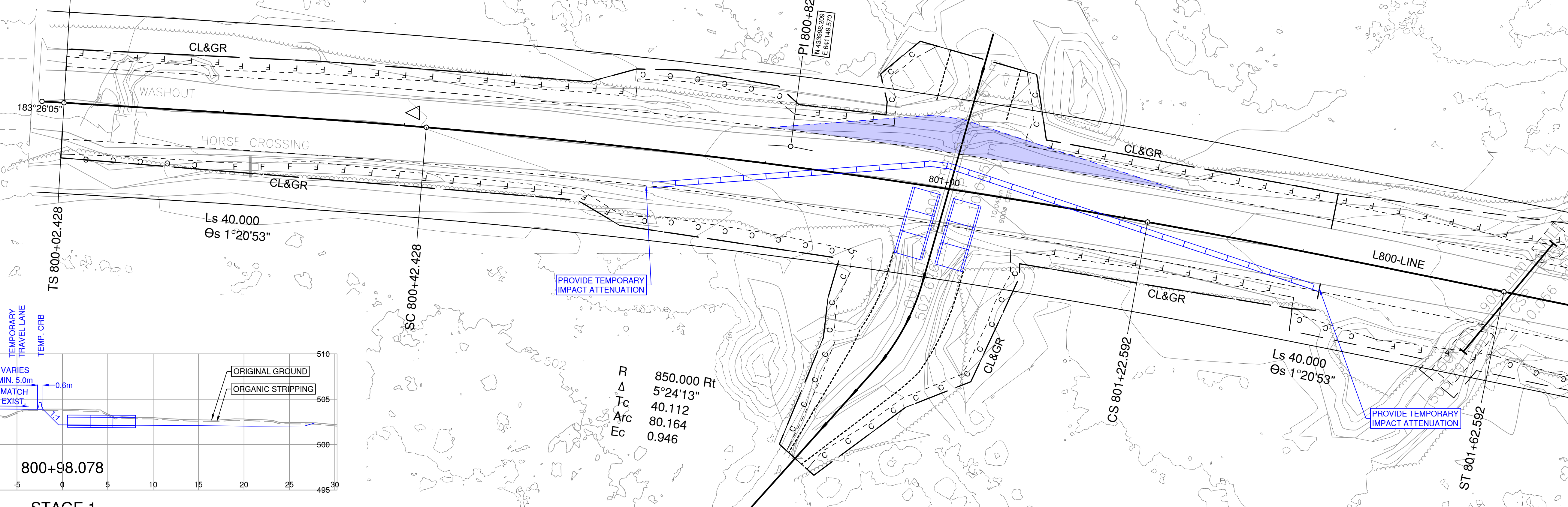
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<p>SCALE 0 2 1:250 12m CAD FILENAME 1200CS-39.2-22-0091.DWG DATE 2023-09-14</p>		<p>SUGGESTED CONSTRUCTION STAGING SILVER SKAGIT ROAD FLOOD RECOVERY WORKS - 10.9KM TO 56.7KM STAGE 2</p>																				
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LIMIT OF CONSTRUCTION
L800A1-LINE STA. 800+02.428
 TIE TO EXISTING
 N 43°07'28.252"
 E 641°154.373"

PI 800+82.616
 N 43°09'02.208"
 E 641°149.570"



PROVIDE TEMPORARY IMPACT ATTENUATION

PROVIDE TEMPORARY IMPACT ATTENUATION

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LEGEND:

STAGE 1

STAGE 2

SILVER SKAGIT ROAD DETOUR
 ASSUMED DESIGN SPEED 10km/h

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SCALE 0 2 1:250 12m CAD FILENAME 1200CS-55.0-22-0091.DWG DATE 2023-09-14 FILE NUMBER 22-0091

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MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
 SOUTH COAST REGION
 HIGHWAY ENGINEERING AND GEOMATICS

SUGGESTED CONSTRUCTION STAGING
 SILVER SKAGIT ROAD
 FLOOD RECOVERY WORKS - 10.9KM TO 56.7KM
 STAGE 1

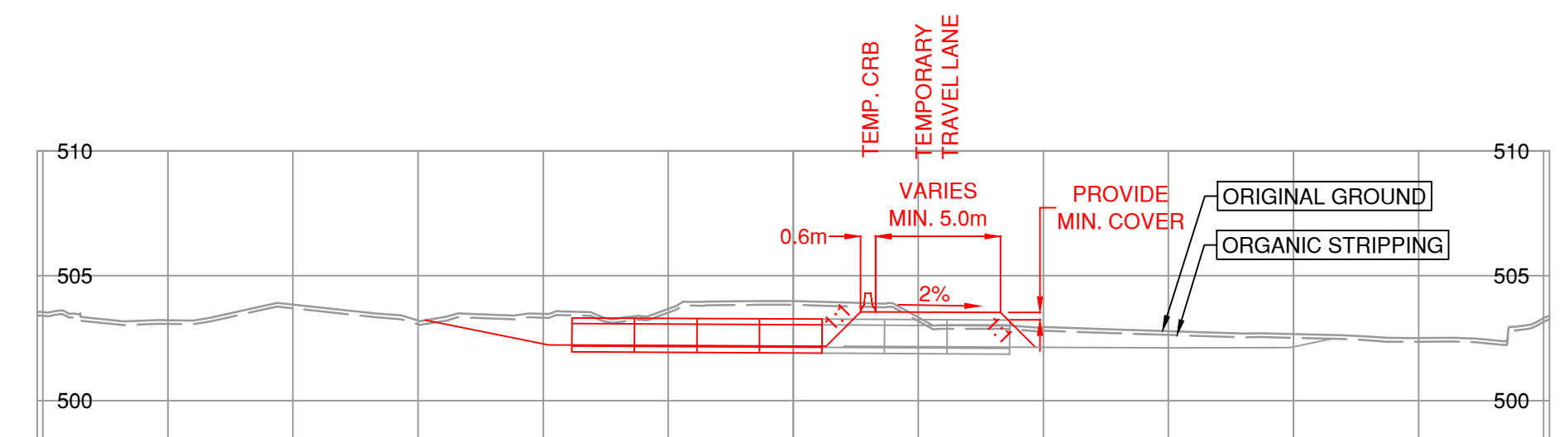
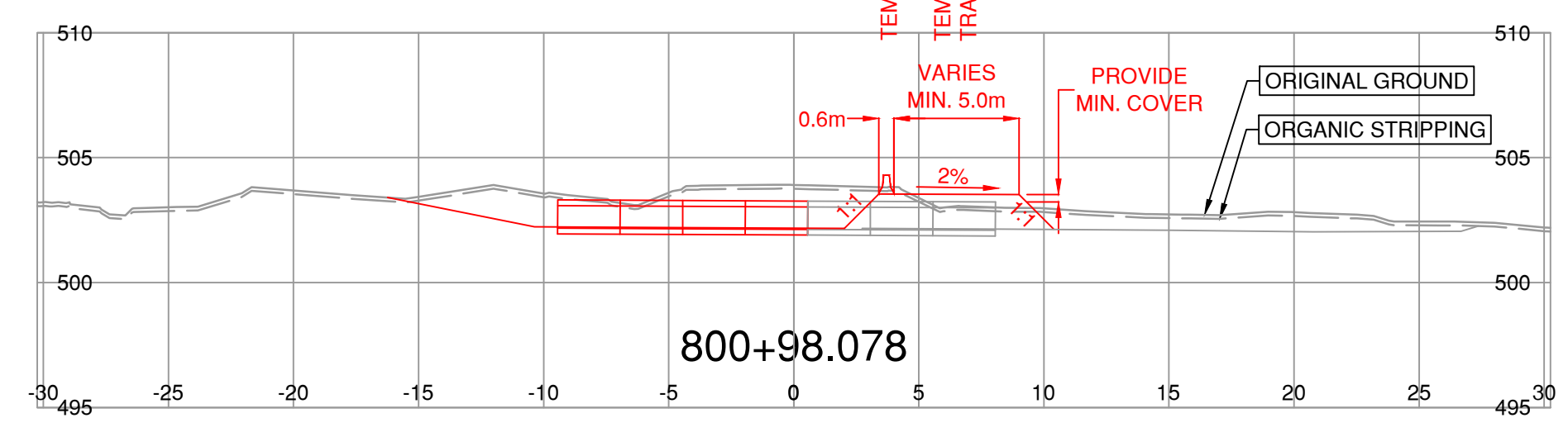
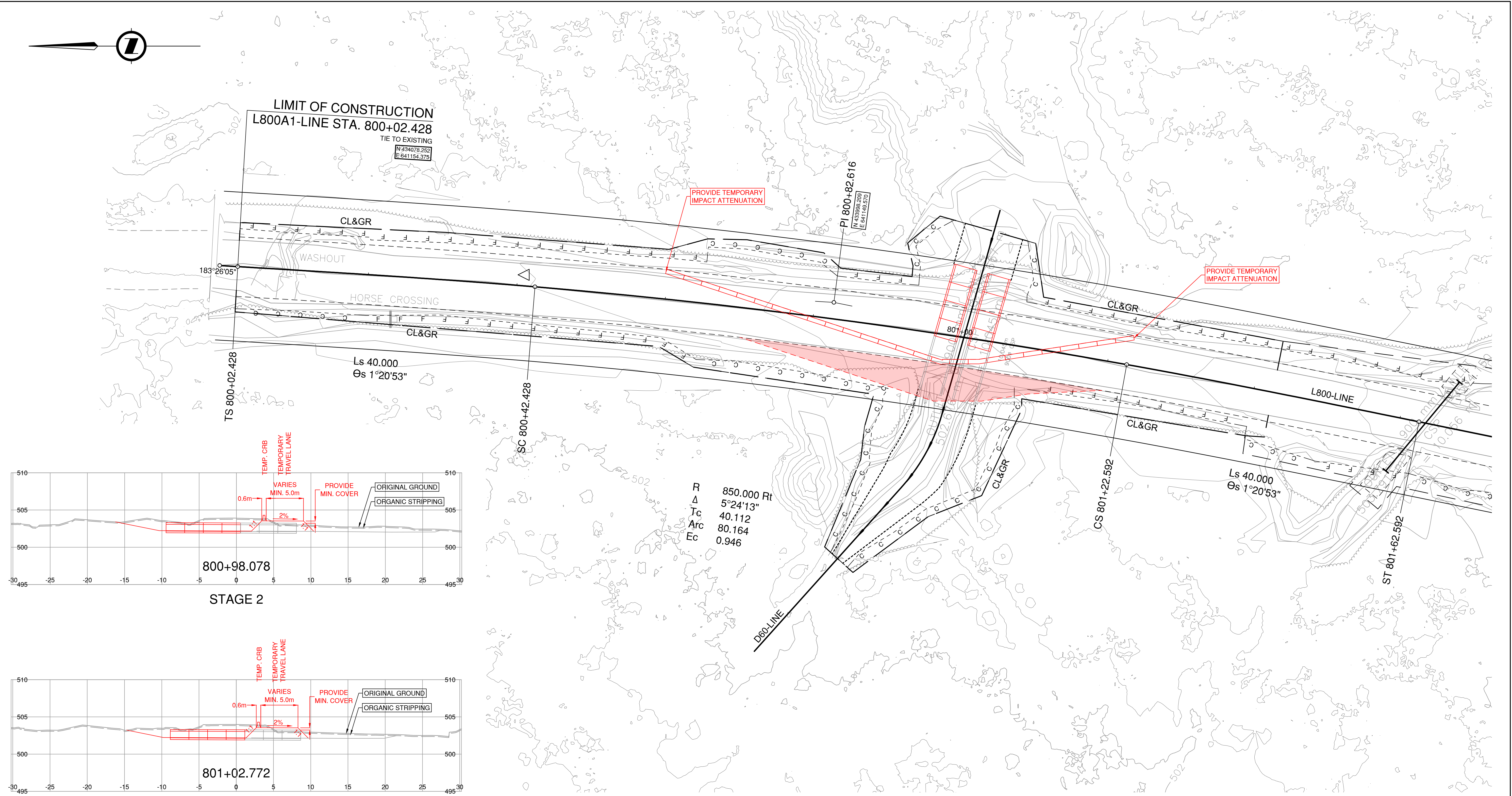
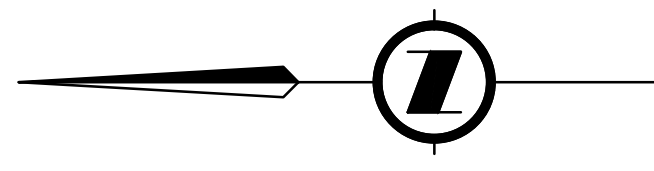
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ENGINEER OF RECORD DATE

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$R = 850.000$ Rt
 $\Delta = 5^{\circ}24'13''$
 $T_c = 40.112$
 $Arc = 80.164$
 $E_c = 0.946$

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LEGEND:
 STAGE 1
 STAGE 2

SILVER SKAGIT ROAD DETOUR
 ASSUMED DESIGN SPEED 10km/h

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SUGGESTED CONSTRUCTION STAGING
 SILVER SKAGIT ROAD
 FLOOD RECOVERY WORKS - 10.9KM TO 56.7KM
 STAGE 2

DRAFT

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