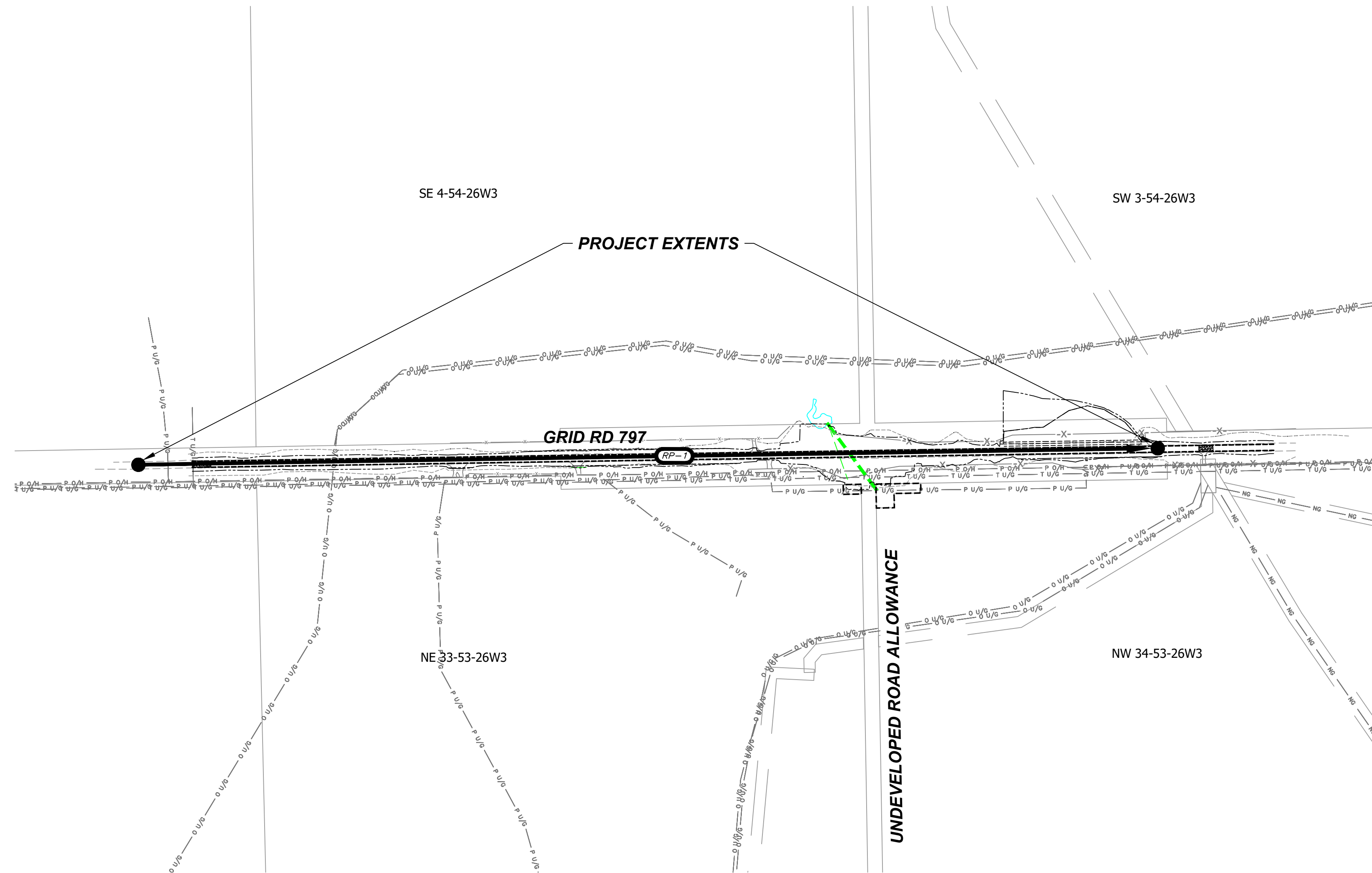
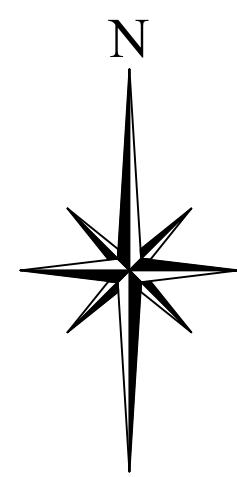


RM OF FRENCHMAN BUTTE NO. 501

GRID 797 PIPESTONE CREEK CULVERT REPLACEMENT



LIST OF DRAWINGS	
SHEET #	TITLE
RP-1	ROAD PLAN & PROFILE - STATION 9+045 TO STATION 7+680
SV-1	SECTION VIEWS - STATION 7+600 TO STATION 7+975
SV-2	SECTION VIEWS - STATION 8+000 TO STATION 8+225
SV-3	SECTION VIEWS - STATION 8+250 TO STATION 8+525
SV-4	SECTION VIEWS - STATION 8+550 TO STATION 9+045
SD-1	STANDARD DETAILS
C-1	CULVERT APRON & RIPRAP DETAILS

Legend

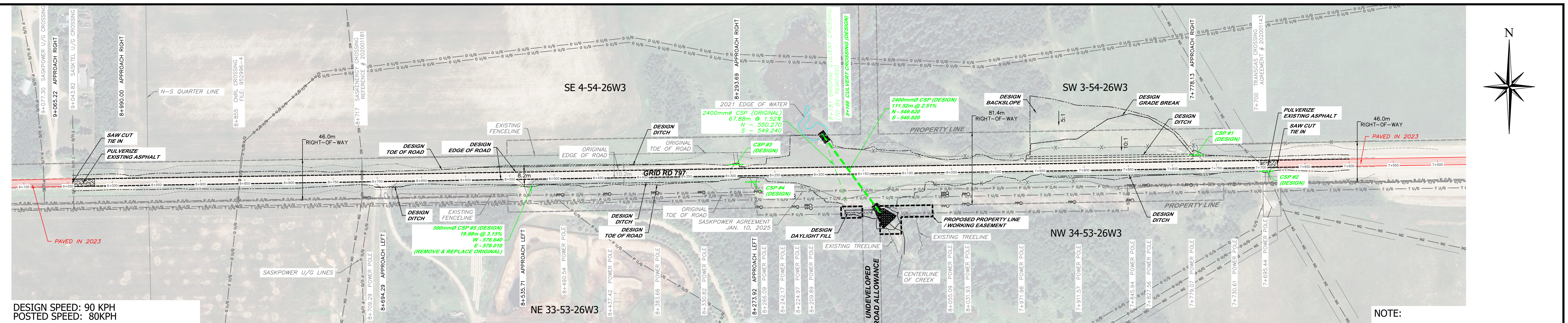


*****PRELIMINARY*****
NOT FOR CONSTRUCTION

ISSUED FOR TENDER
JANUARY 2025

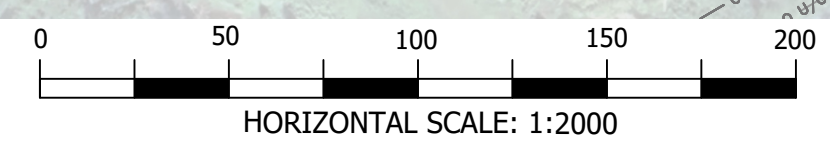
BAR PROJECT No.: 24MU-598400



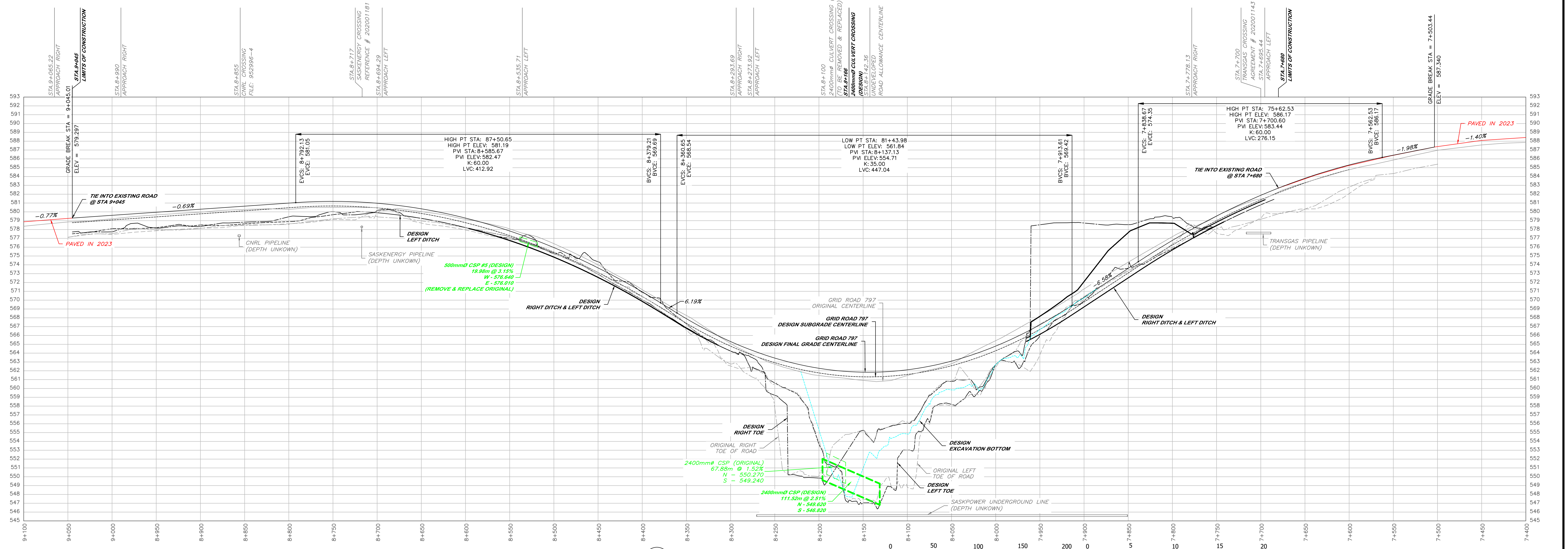


DESIGN SPEED: 90 KPH
 POSTED SPEED: 80KPH
 CREST CURVE MIN. K VALUE @ 90 KPH
 DESIGN SPEED = 60.0
 SAG CURVE MIN. K VALUE @ 90 KPH
 DESIGN SPEED = 35.0

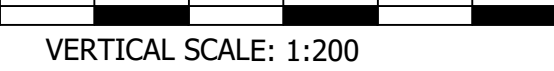
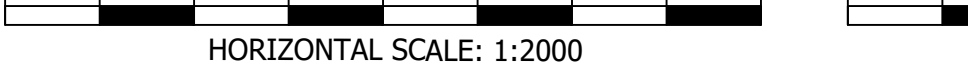
A PLAN - STATION 9+045 TO 7+680 PLAN
 Scale: 1:2000



NOTE:
 IMPROVE ALL ORIGINAL APPROACHES
 SEE DETAIL ON DWG # SD-1



B PROFILE - STATION 9+045 TO 7+680
 Scale: HOR. 1:2000 VER. 1:200



DESIGN	EXISTING	DESIGN	EXISTING
Water Main	Overland Flow	Catchbasin - F-38	Catchbasin - F-35
Water Service	Storm Ponding Area	Light Standard	Light Standard
Water Reducer	Sanitary Sewer Main	Precast	Car Plug In Post
Water Meter	Sanitary Sewer Service	Gas Lines	Telephone Lines
Water Valve	Storm Sewer Main	UG Power Lines	OH Power Lines
Water Valve	Storm Sewer Service	Fiber Optic Lines	Fence Chain Link
Blow-off Valve	Sanitary Manhole	Fence Wood	
Fire Hydrant	Sanitary Inspection Manhole		
Water Service C.C.	Storm Manhole		
Elevations	Curb Ramp		
Grades			

Note:
 The location of the utilities shown is approximate only. Other utilities may exist that are not shown. The exact locations should be determined by consulting the municipal authorities and utility companies concerned. The contractor shall also verify the exact location and invert elevation by hand excavation before construction.
 All chainages are calculated along the centerline right of way.

PRELIMINARY NOT FOR CONSTRUCTION				
NO.	DESCRIPTION	BY	CHK	MM/DD/YYYY
0	ISSUED FOR TENDER	ARD	SWS	01/15/2025
REVISIONS				
ENGINEER				
PERMIT				

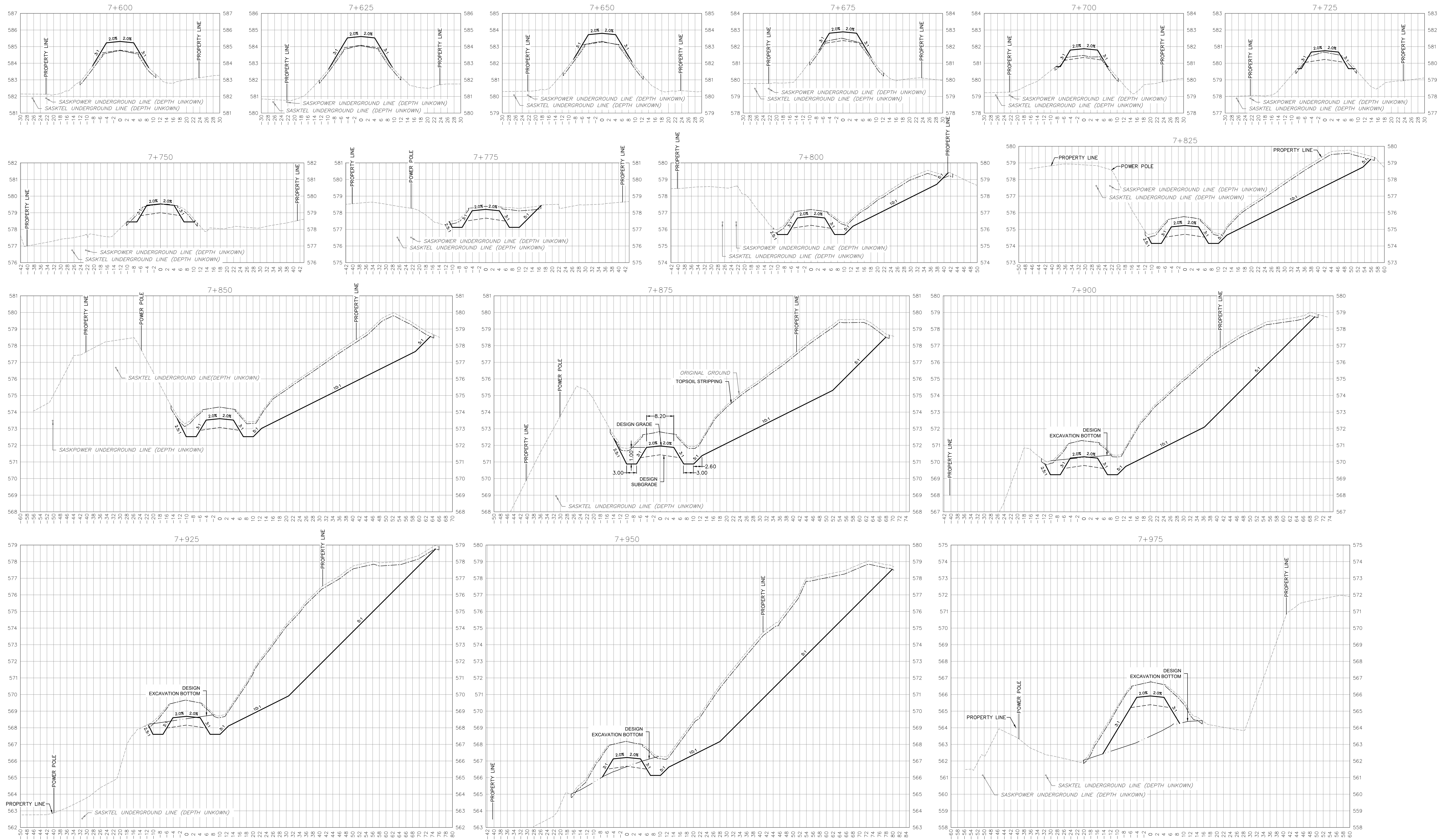
BAR
 ENGINEERING

SCALE: AS SHOWN
 PROJECT #: 24MU-598400
 DRAWING #: RP-1

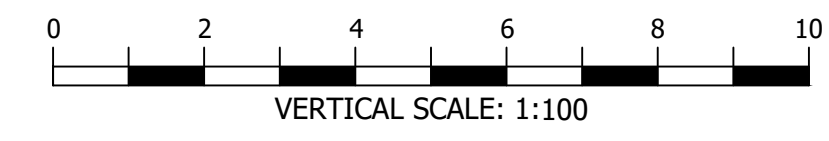
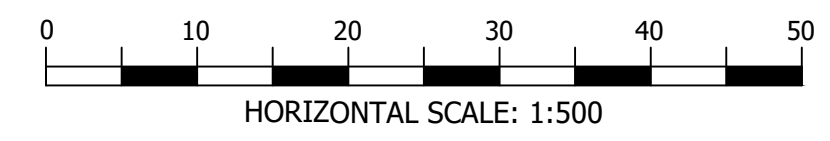
RM OF FRENCHMAN BUTTE NO. 501

GRID 797 PIPESTONE CREEK CULVERT REPLACEMENT
 ROAD PLAN & PROFILE
 STATION 9+045 TO STATION 7+680
 RM OF FRENCHMAN BUTTE, SK

SHEET #: 1 of 7



A SECTION VIEWS
Scale: HOR. 1:500 VER. 1:100



DESIGN		EXISTING	
Water Main	Blue dashed line	Overland Flow	Blue dashed line
Water Service	Blue dashed line	Storm Ponding Area	Blue dashed line
Water Reducer	Blue dashed line	Sanitary Sewer Main	Red dashed line
Water Meter	Blue dashed line	Sanitary Sewer Service	Red dashed line
Water Valve	Blue dashed line	Storm Sewer Main	Green dashed line
Water Valve	Blue dashed line	Storm Sewer Service	Green dashed line
Blow-off Valve	Blue dashed line	Sanitary Manhole	Red circle
Fire Hydrant	Blue dashed line	Sanitary Inspection Manhole	Red circle
Water Service C.C.	Blue dashed line	Storm Manhole	Green circle
Elevations	642.00	Curb Ramp	Green circle
Grades	4.00%		

Note:
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NO.	ISSUED FOR TENDER	ARD	SWS	01/15/2025
NO.	DESCRIPTION	BY	CHK	MM/DD/YYYY

REVISIONS	ENGINEER	PERMIT

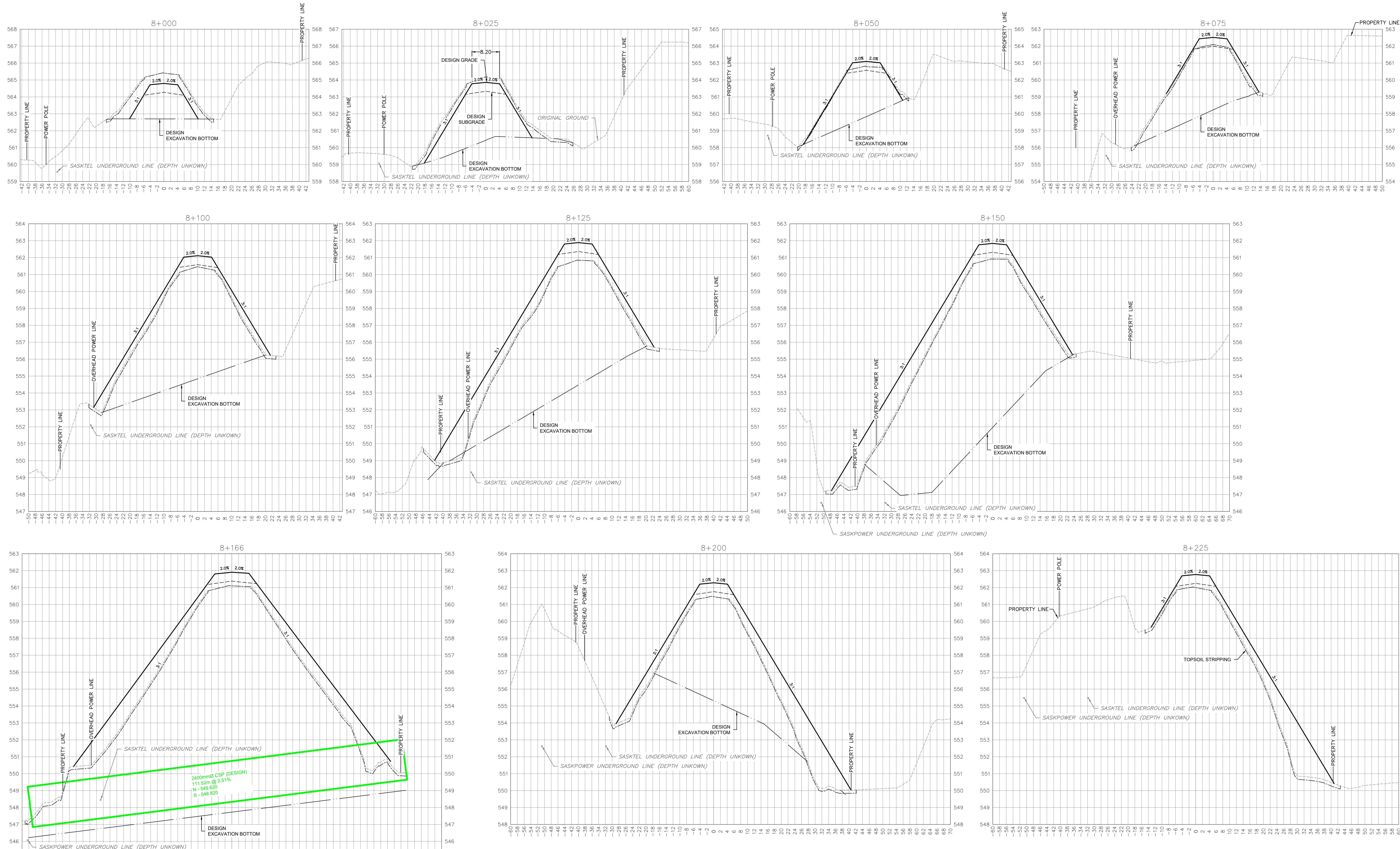
BAR ENGINEERING

SCALE: AS SHOWN	PROJECT #: 24MU-598400
	DRAWING #: SV-1

RM OF FRENCHMAN BUTTE NO. 501

GRID 797 PIPESTONE CREEK CULVERT REPLACEMENT
SECTION VIEWS
STATION 7+600 TO STATION 7+975
RM OF FRENCHMAN BUTTE, SK

SHEET #: 2 of 7



A SECTION VIEWS
Scale: HOR. 1:500 VER. 1:100



Legend	
	DESIGN Water Main
	EXISTING Water Service
	EXISTING Water Reducer
	EXISTING Water Meter
	EXISTING Water Valve
	EXISTING Blow-off Valve
	EXISTING Fire Hydrant
	EXISTING Water Service C.C.
	EXISTING Elevations
	EXISTING Gracids
	EXISTING Overland Flow
	EXISTING Storm Ponding Area
	EXISTING Sanitary Sewer Main
	EXISTING Sanitary Sewer Service
	EXISTING Storm Sewer Main
	EXISTING Storm Sewer Service
	EXISTING Sanitary Manhole
	EXISTING Sanitary Inspection Manhole
	EXISTING Storm Manhole
	EXISTING Curb Ramp
	EXISTING Catchbasin - F-38
	EXISTING Catchbasin - F-35
	EXISTING Light Standard
	EXISTING Pedestal
	EXISTING Car Plug In Post
	EXISTING Roadway Sign
	EXISTING Gas Lines
	EXISTING Telephone Lines
	EXISTING Fiber Optic Lines
	EXISTING UG Power Lines
	EXISTING OH Power Lines
	EXISTING Fence Chain Link
	EXISTING Fence Wood

Note:
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All chainages are calculated along the centerline right of way.

NO.	DESCRIPTION	BY	CHK	DATE
0	ISSUED FOR TENDER	ARD	SWS	01/15/2025

REVISIONS	ENGINEER	PERMIT

BAR ENGINEERING

SCALE: AS SHOWN

PROJECT #: 24MU-598400

DRAWING #: SV-2

RM OF FRENCHMAN BUTTE NO. 501

GRID 797 PIPESTONE CREEK CULVERT REPLACEMENT

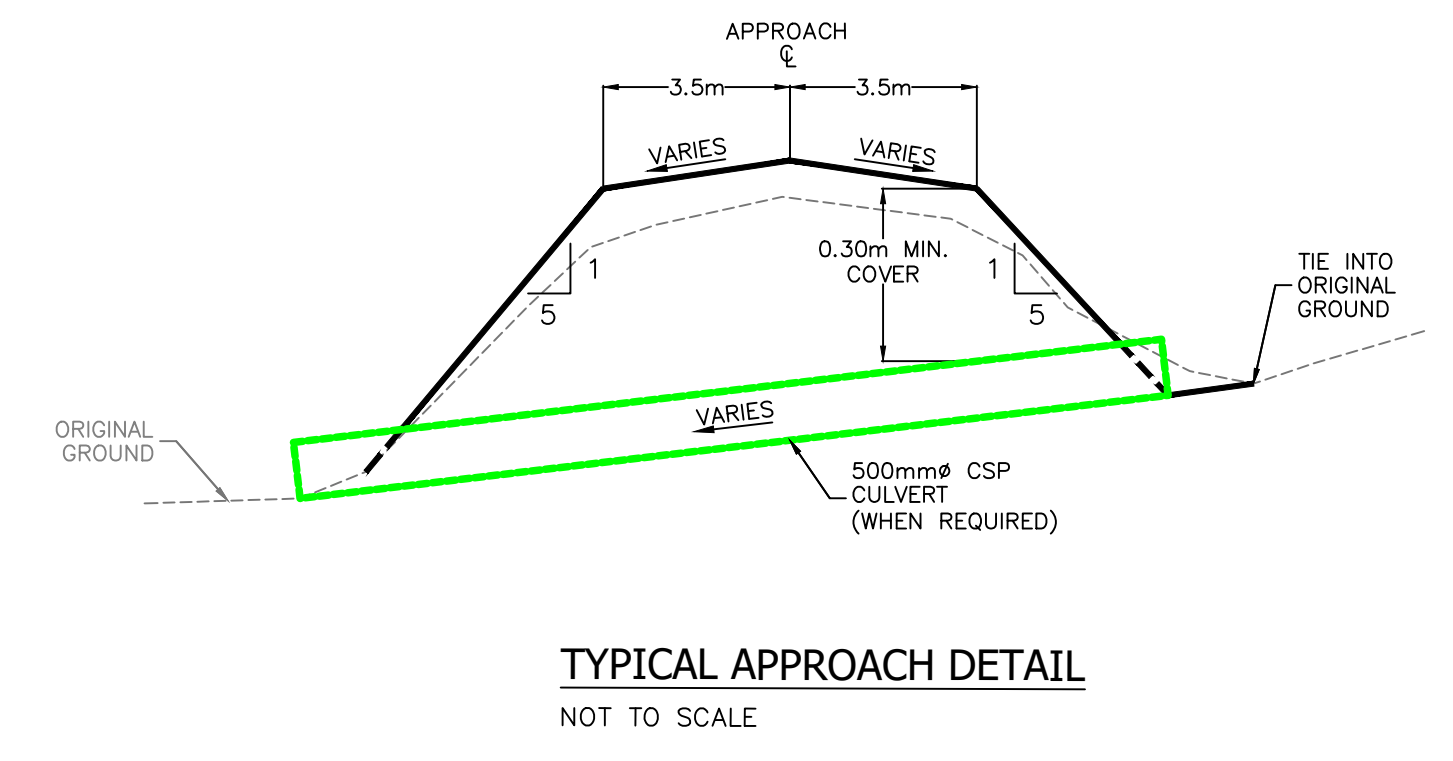
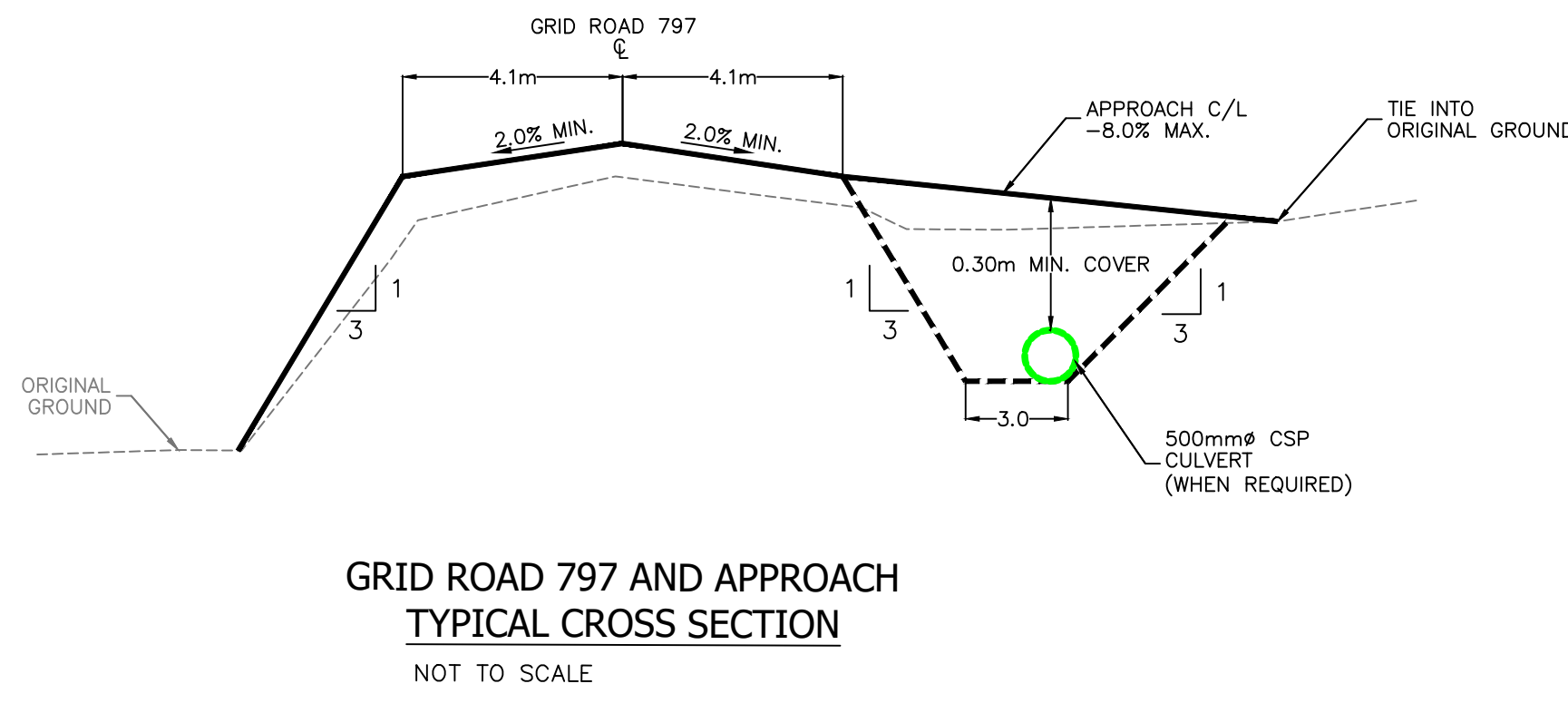
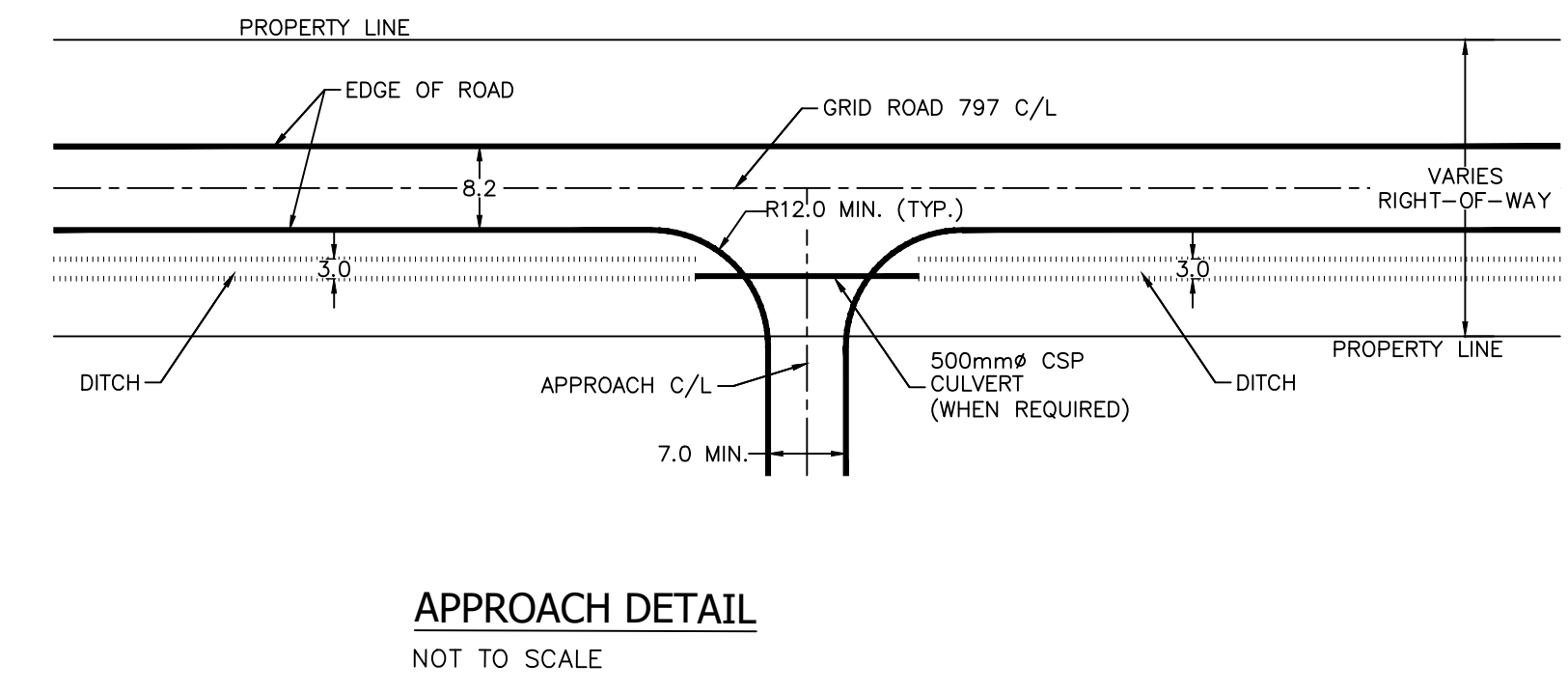
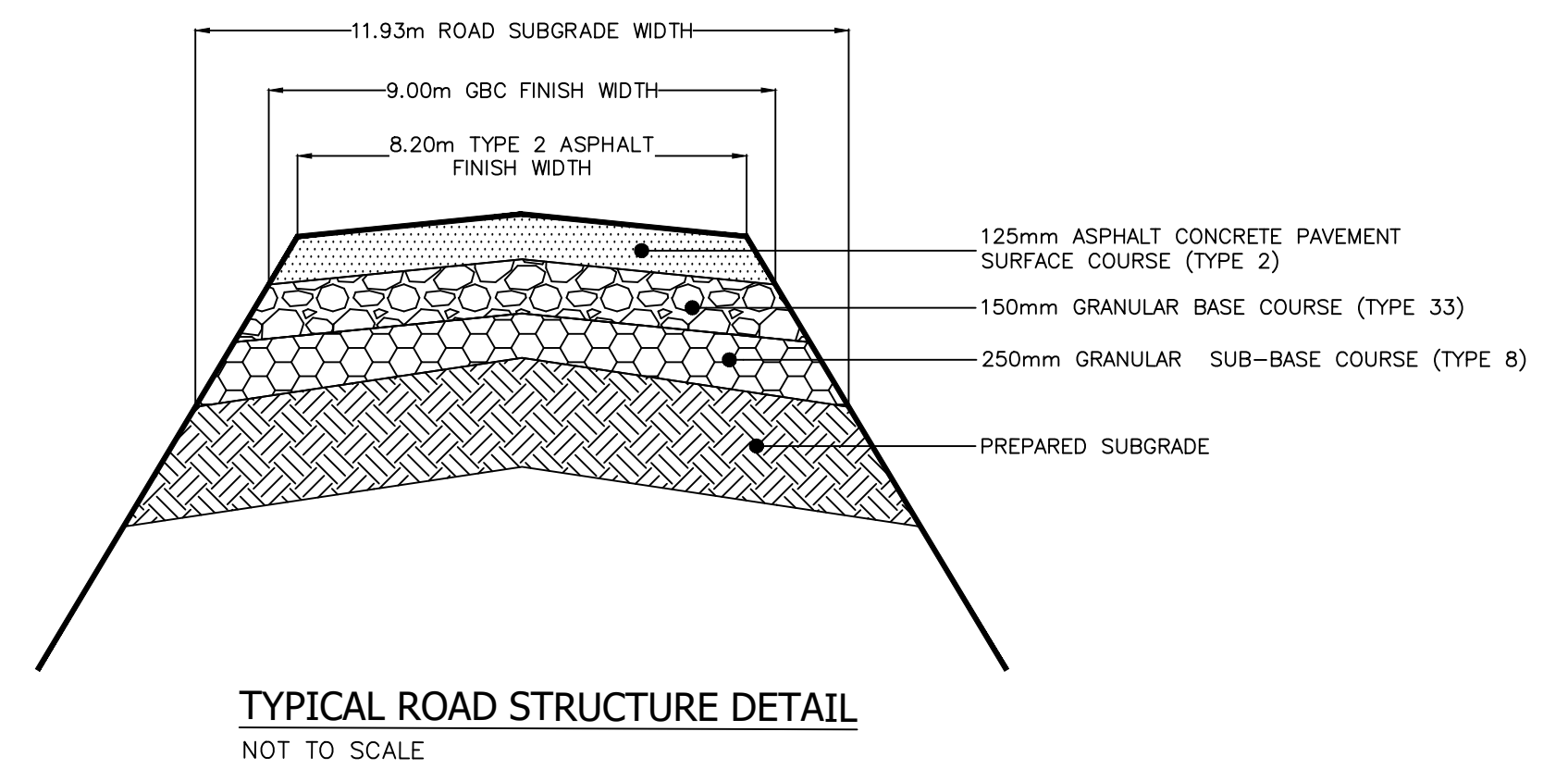
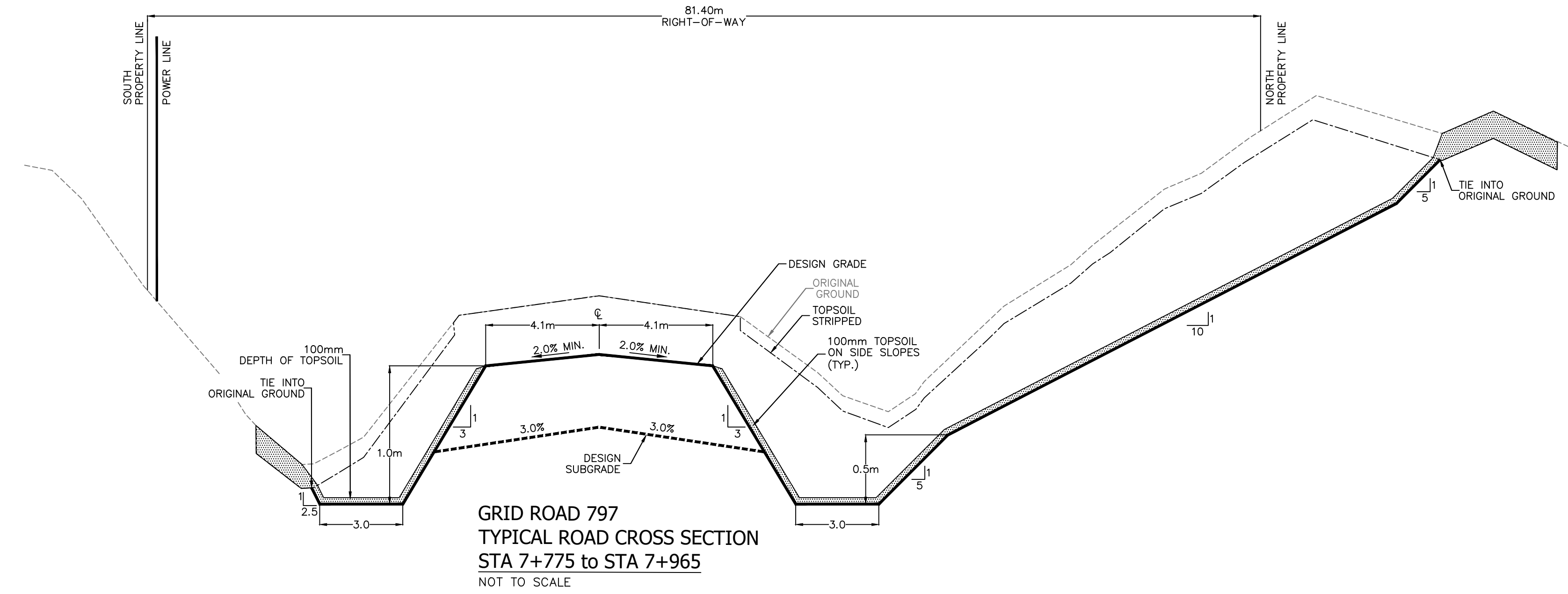
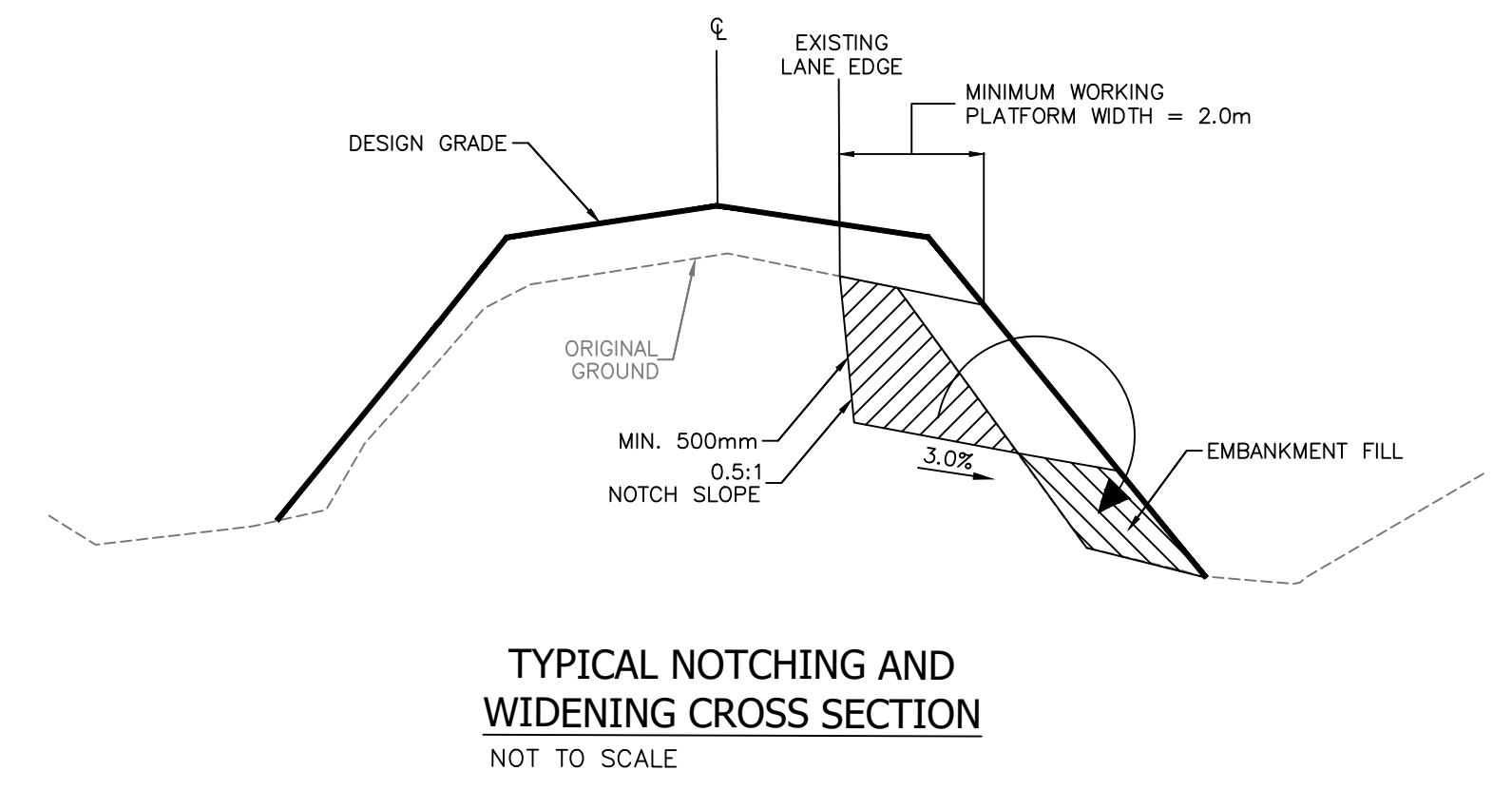
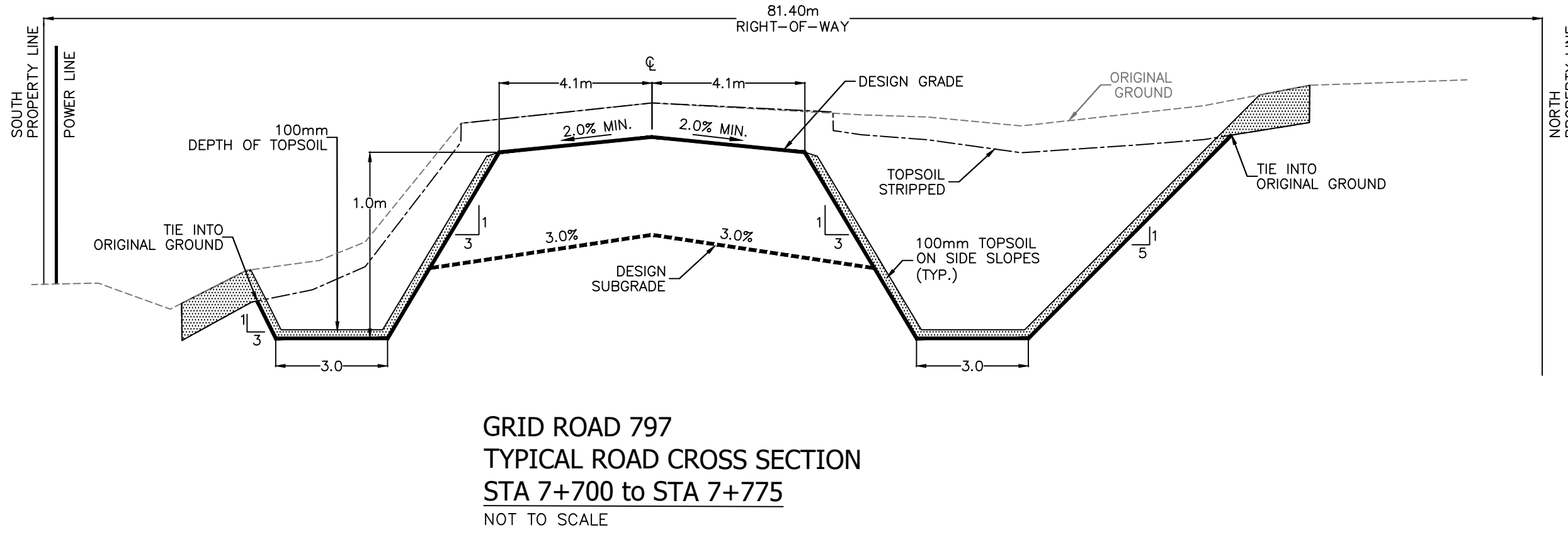
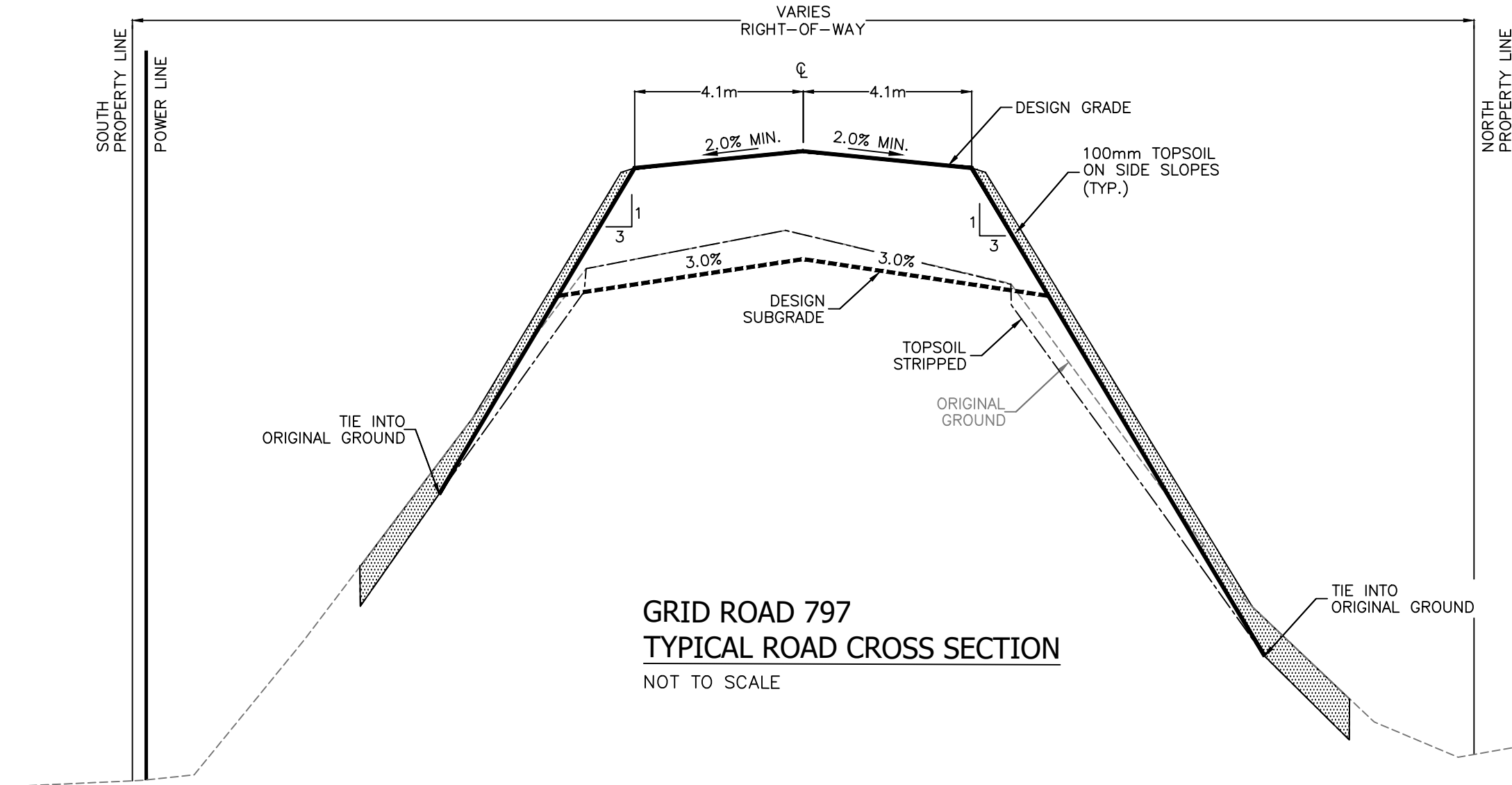
SECTION VIEWS

STATION 8+000 - STATION 8+225

RM OF FRENCHMAN BUTTE, SK

SHEET #: 3 of 7

Drawn by: P. Williams (24MU-598400) Rev. 01/15/2025
 Checked by: J. Smith (24MU-598400) Rev. 01/15/2025
 Project: RM of Frenchman Butte No. 501
 Date: 01/15/2025
 Time: 1:27 PM
 Path: C:\Users\j.smith\OneDrive\Documents\24MU-598400\24MU-598400-01.dwg
 Plot: 01/15/2025 1:27 PM
 Plotter: HP DesignJet 500



Legend	DESIGN	EXISTING
Water Main		
Water Service		
Water Reducer		
Water Meter		
Water Valve		
Blow-off Valve		
Fire Hydrant		
Water Service C.C.		
Elevations	642.00	642.00
Grades	4.00%	4.45%

Note:
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*****PRELIMINARY***
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NO.	DESCRIPTION	BY	CHK	MM/DD/YYYY
0	ISSUED FOR TENDER	ARD	SWS	01/15/2025

REVISIONS	ENGINEER	PERMIT

**BAR
ENGINEERING**

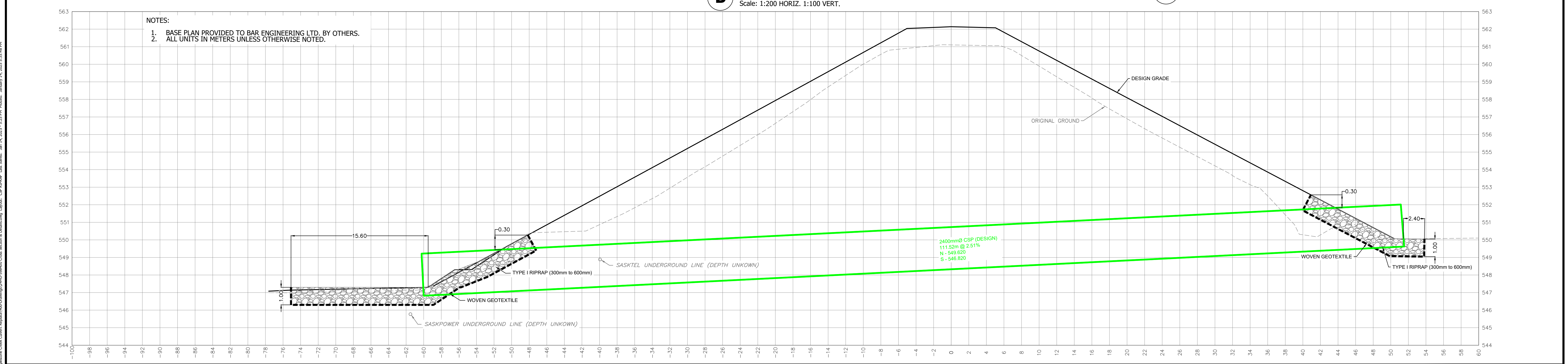
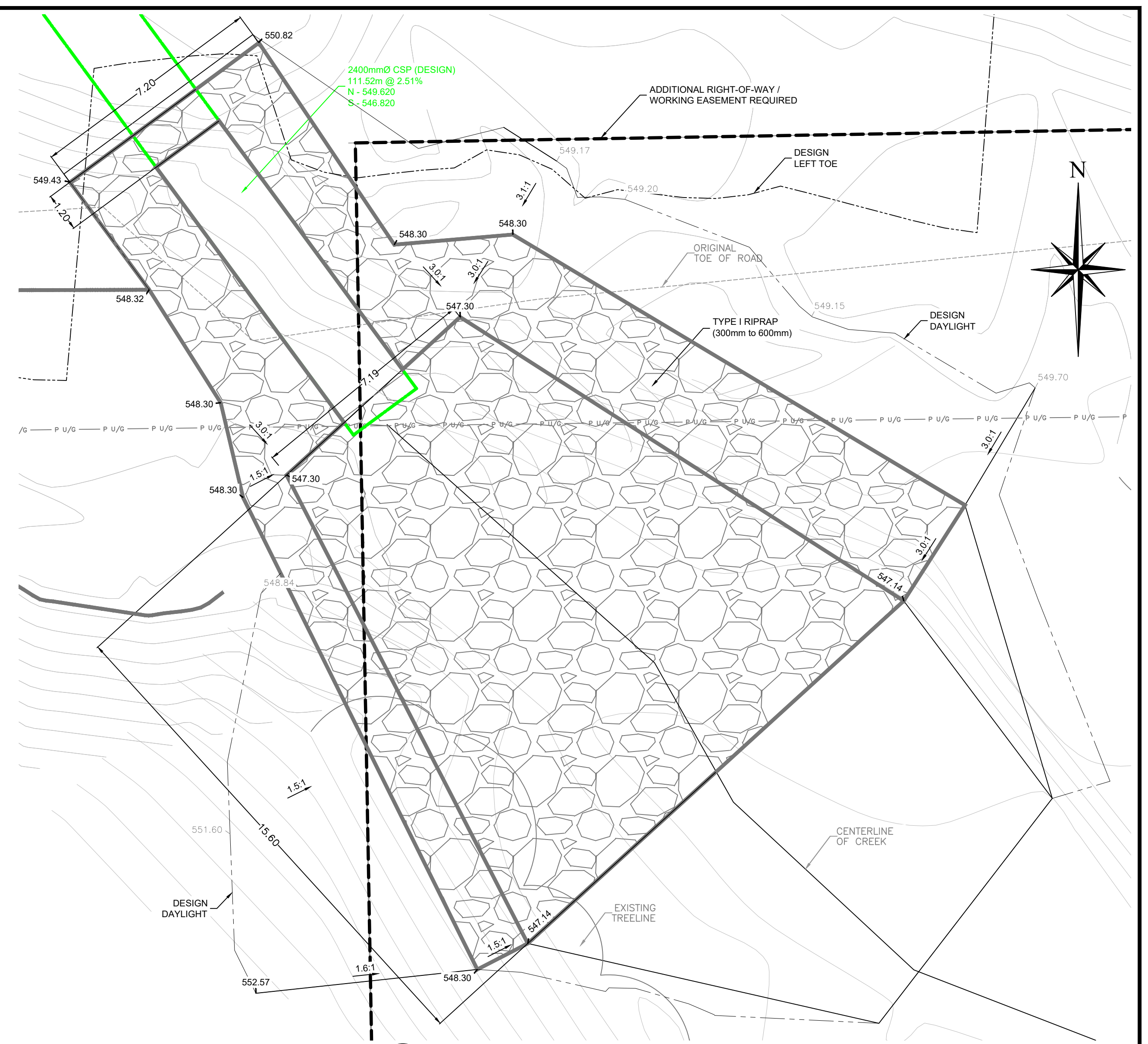
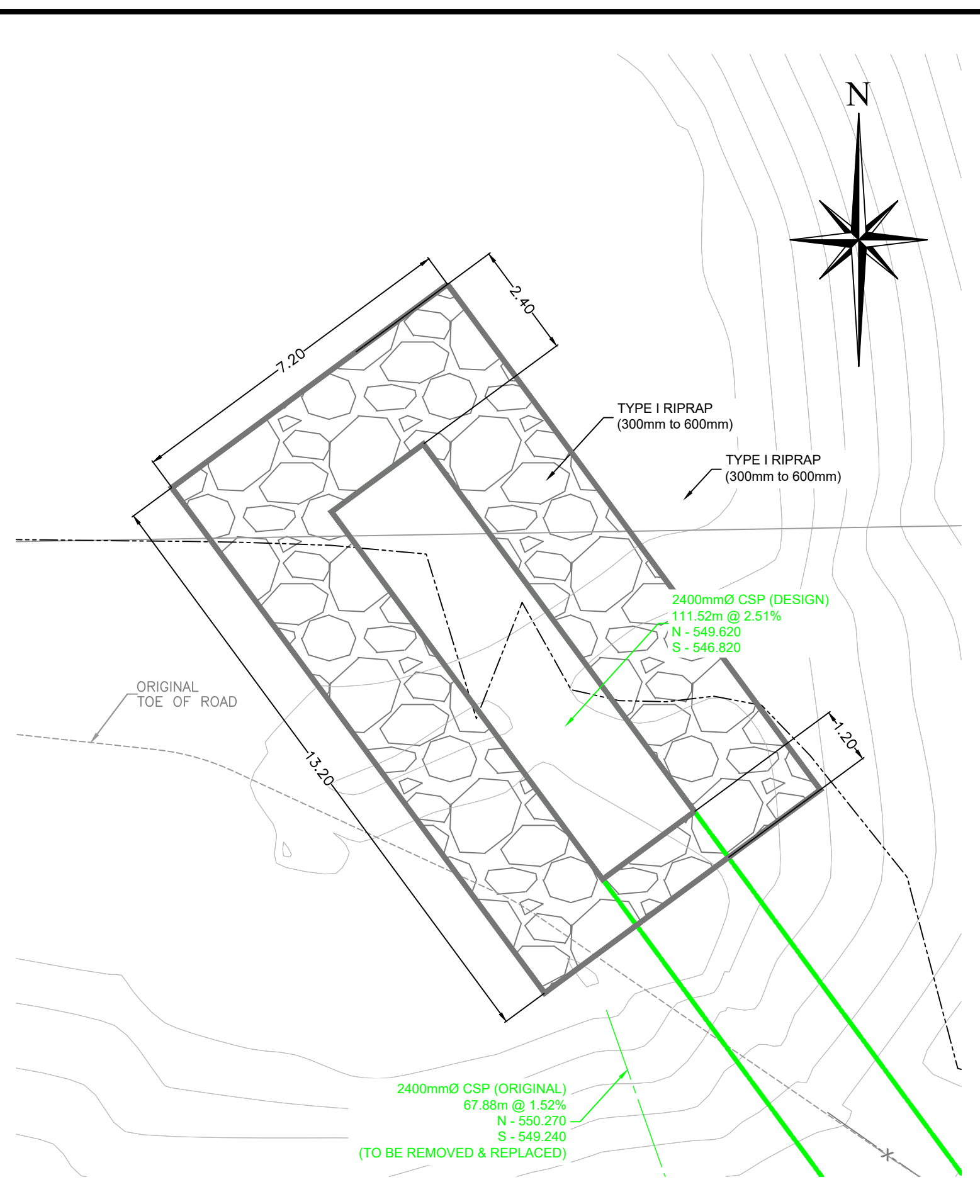
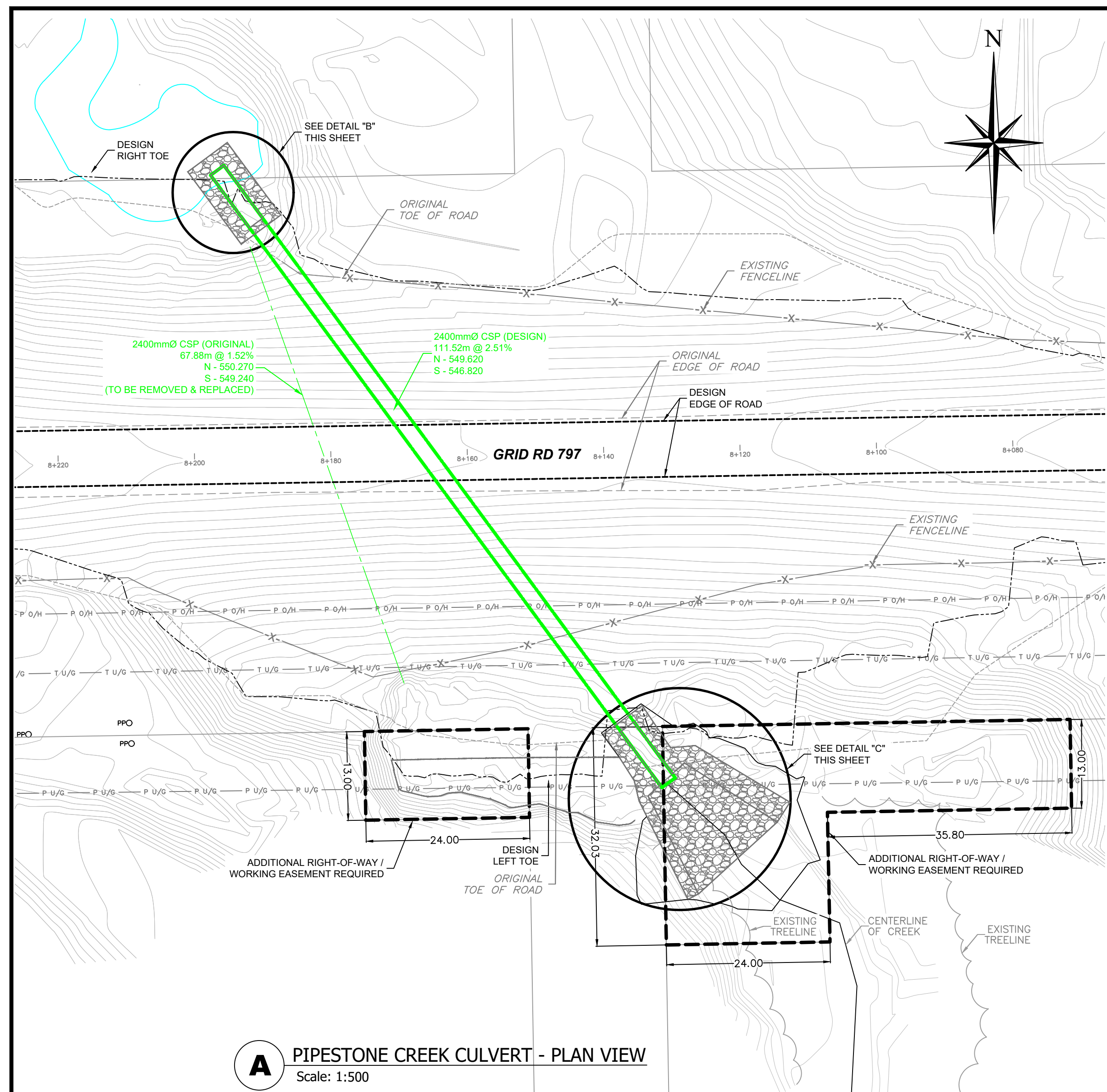
SCALE: AS SHOWN PROJECT #: 24MU-598400
DRAWING #: SD-1

RM OF FRENCHMAN BUTTE NO. 501

GRID 797 PIPESTONE CREEK CULVERT REPLACEMENT
STANDARD DETAILS

RM OF FRENCHMAN BUTTE, SK

SHEET #: 6 of 7



DESIGN	EXISTING	DESIGN	EXISTING
Water Main	Overland Flow	Catchbasin - F-38	Catchbasin - F-38
Water Service	Storm Ponding Area	Power Pole	Power Pole
Water Reducer	Sanitary Sewer Main	Light Standard	Light Standard
Water Valve	Sanitary Sewer Service	Pedestal	Pedestal
Water Valve	Storm Sewer Main	Car Plug In Post	Car Plug In Post
Blow-off Valve	Storm Sewer Service	Roadway Sign	Roadway Sign
Fire Hydrant	Sanitary Manhole	Gas Lines	Gas Lines
Water Service C.C.	Sanitary Inspection Manhole	Telephone Lines	Telephone Lines
Elevations	Storm Manhole	Fiber Optic Lines	Fiber Optic Lines
Grades	Curb Ramp	UG Power Lines	UG Power Lines
		OH Power Lines	OH Power Lines
		Fence Chain Link	Fence Chain Link
		Fence Wood	Fence Wood

Note:
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NO.	ISSUED FOR TENDER	ARD	SWS	01/15/2025
NO.	DESCRIPTION	BY	CHK	MM/DD/YYYY

BAR ENGINEERING

SCALE: AS SHOWN
PROJECT #: 24MU-598400
DRAWING #: C-1

RM OF FRENCHMAN BUTTE NO. 501

GRID 797 PIPESTONE CREEK CULVERT REPLACEMENT
CULVERT APRON & RIPRAP DETAILS

RM OF FRENCHMAN BUTTE, SK

SHEET #: 7 of 7