

NOTES

- 1) HORIZONTAL AND VERTICAL DATUM IS ALASKA STATE PLANE
- 2) GEIOD12B PER SURFBASE CONTROL
- 3) TOPOGRAHIC INFORMATION AND IMAGERY GATHERED USING TRADITIONAL SURVEYING AND MAY 2019 APN UAV DATA PROCESSED USING AGISOFT PHOTOSCAN PROFESSIONAL
- 3) CENTERLINE AND STATIONING PER ARRC CAD

SHEET INDEX

- 1) EXISTING SITE CONDITIONS
- 2-5) EXISTING SITE CROSS SECTIONS
- 6-8) RETAINING WALL PLAN & DETAILS
- 8-11) OVERHANG AREA PLAN & DETAILS



CONTROL POINT LIST

Point	Northing	Easting	Elevation	Description
1	2442166.15	1811054.89	353.00	SET REBAR YPC 12039
6	2442369.30	1810996.70	344.73	SET 60D
13	2441958.92	1811059.59	358.58	SET PK
15	2441839.10	1811124.87	359.79	SET REBAR YPC 12039
48	2442362.50	1811013.77	349.93	SET 60D
55	2442098.31	1811042.59	355.47	SET PK
454	2442530.93	1811007.03	345.91	FND. YPC-RBR 8201
455	2442245.13	1811053.32	353.33	FND. YPC-RBR 8201
456	2441907.56	1811093.19	359.71	FND. YPC-RBR 8201

LEGEND

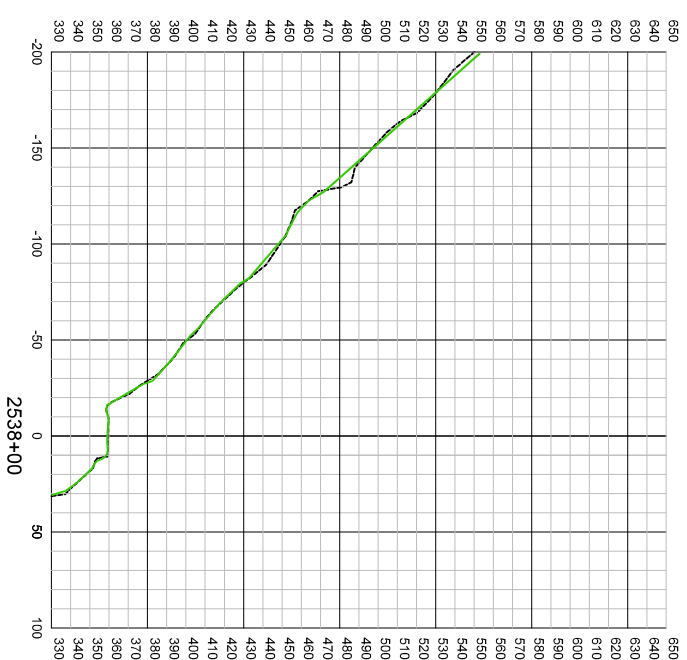
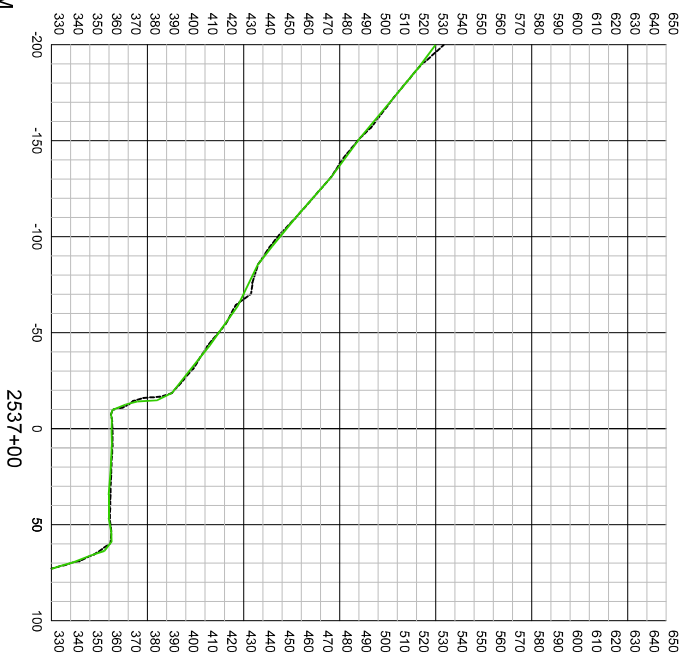
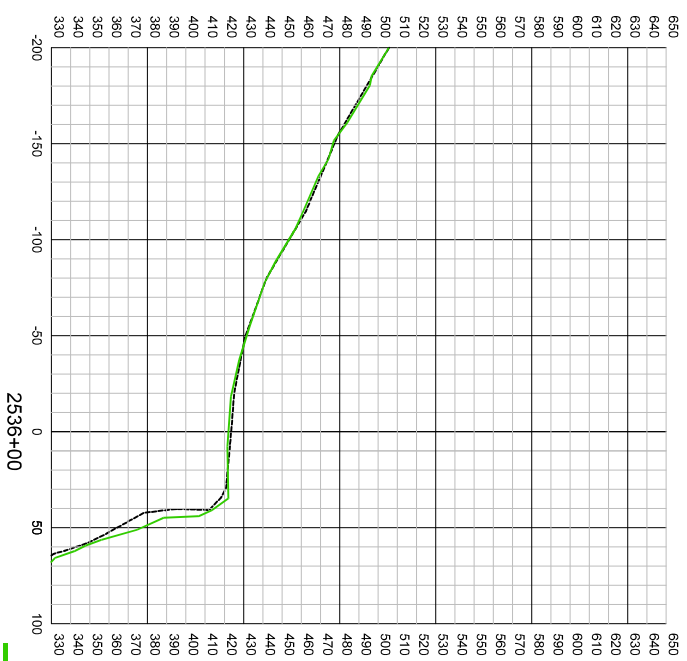
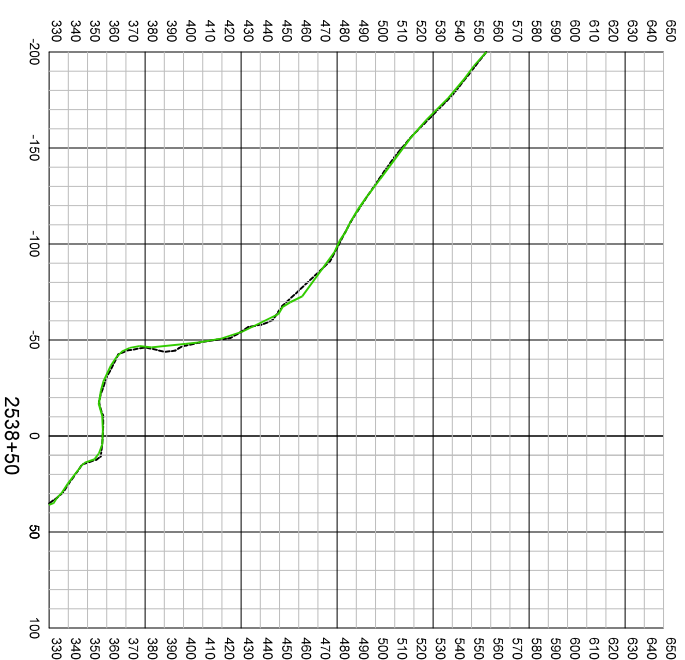
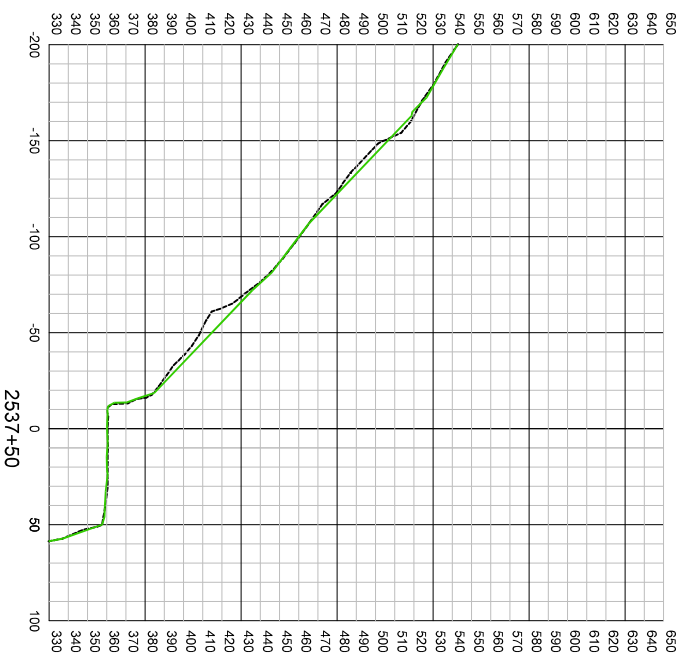
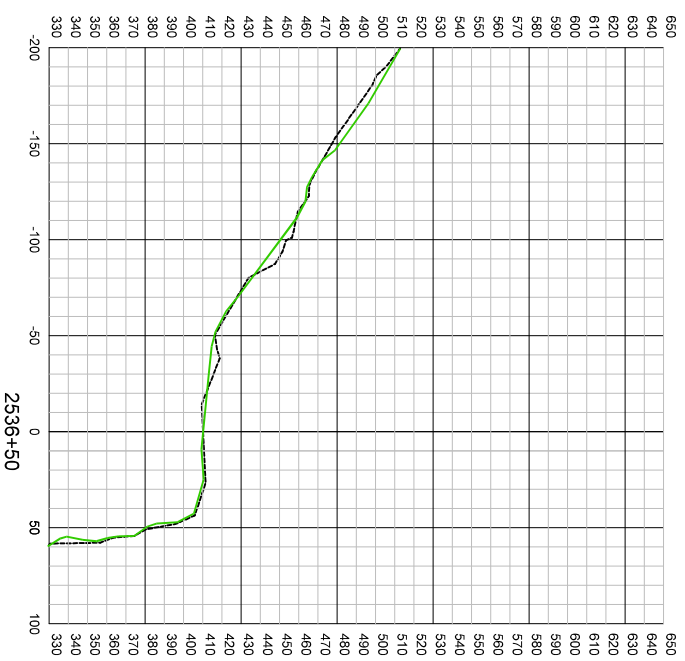
- ➔ CONTROL POINT, SEE POINT LIST
- 2% CONTOURS, PER UNFILTERED MAY 2019 UAV DATA



SWL	REVISIONS	DATE	BY

ALL POINTS NORTH	CLIENT	ALASKA RAILROAD	JOB NUMBER	19-04
	PROJECT	MP 52.16 - 52.40 SAFETY IMPROVEMENTS	DATE	6/25/2019
	SHEET TITLE	EXISTING SITE CONDITIONS	SHEET NO.	1 OF 13



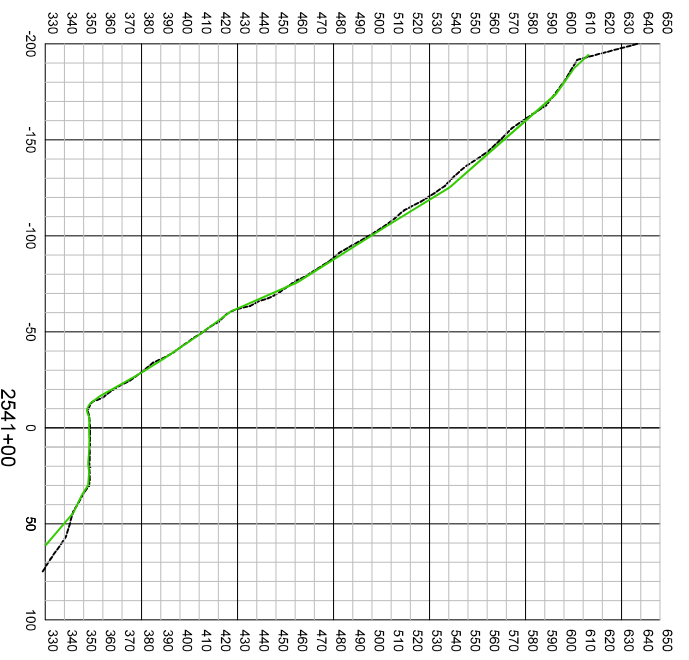
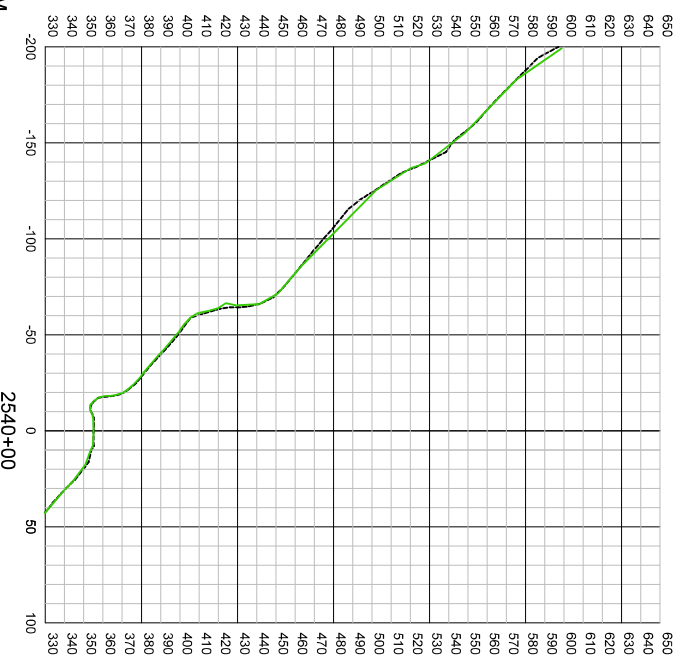
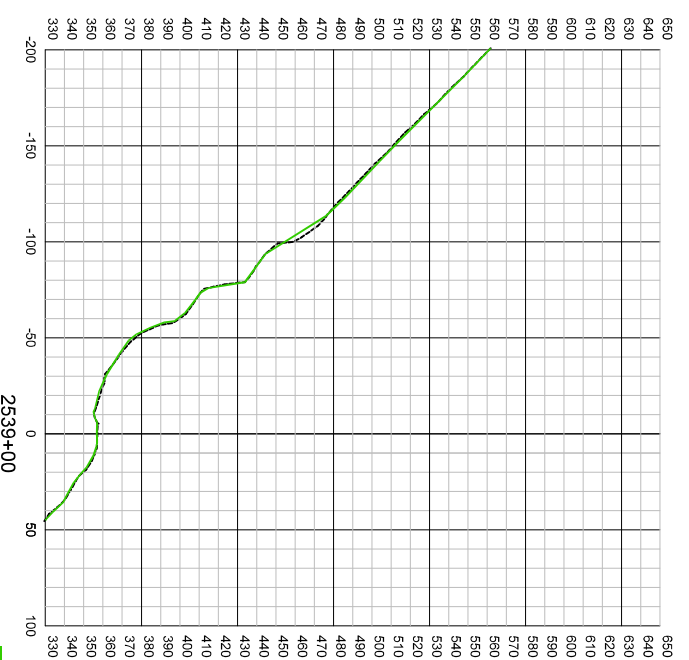
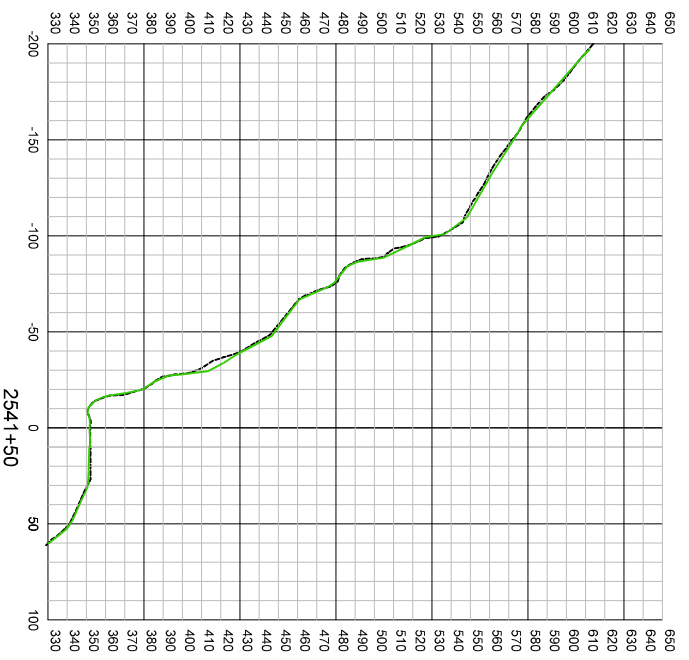
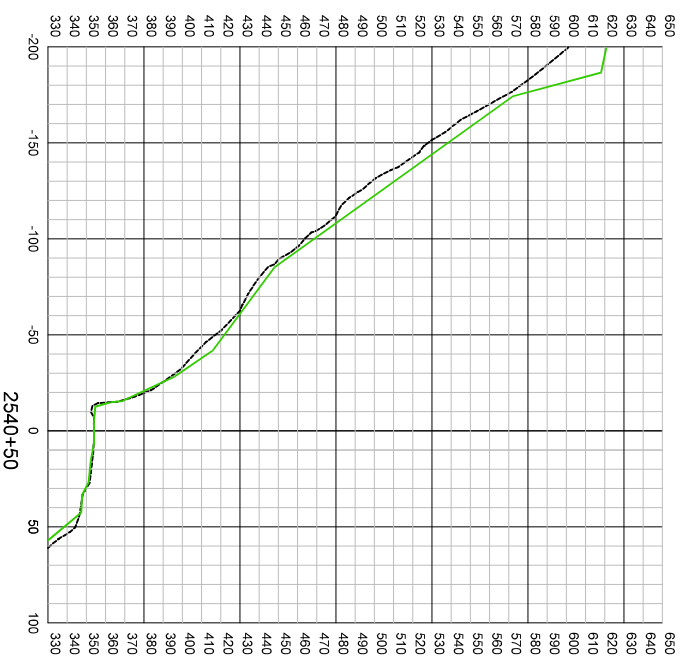
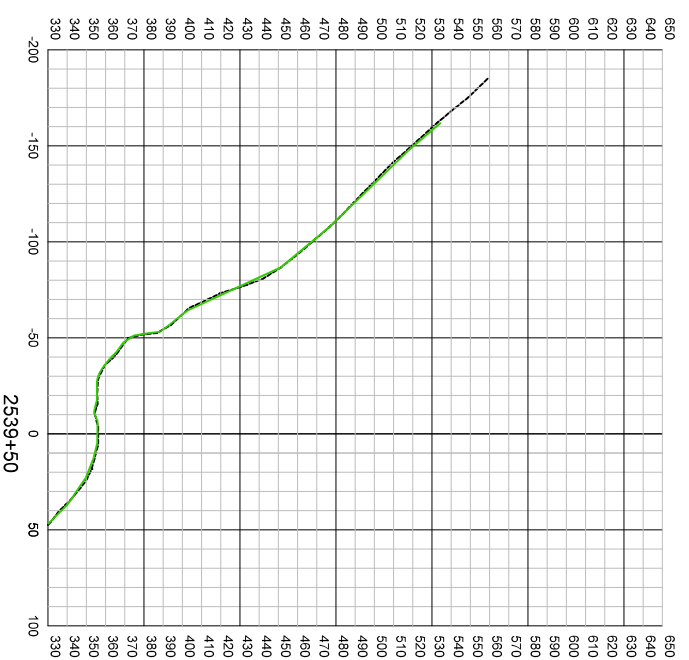


—— MAY 2019 DRONE DSM
- - - - NOV. 2018 DRONE DSM

STA. 2538+00 - 2539+00: SEE SHEETS 6 & 7 FOR RETAINING WALL DETAIL

SCALE		1" = 30 FEET H & V	
CLIENT	ALASKA RAILROAD	JOB NUMBER	19-04
PROJECT	MP 52.16 - 52.40 SAFETY IMPROVEMENTS	DATE	6/25/2019
SHEET TITLE	EXISTING SITE CONDITIONS	SHEET NO.	2 OF 13
REVISIONS	DATE	BY	



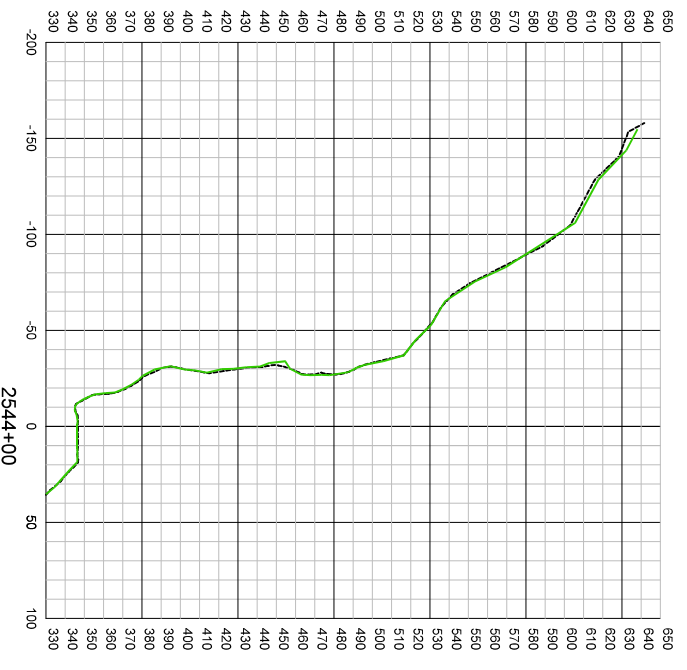
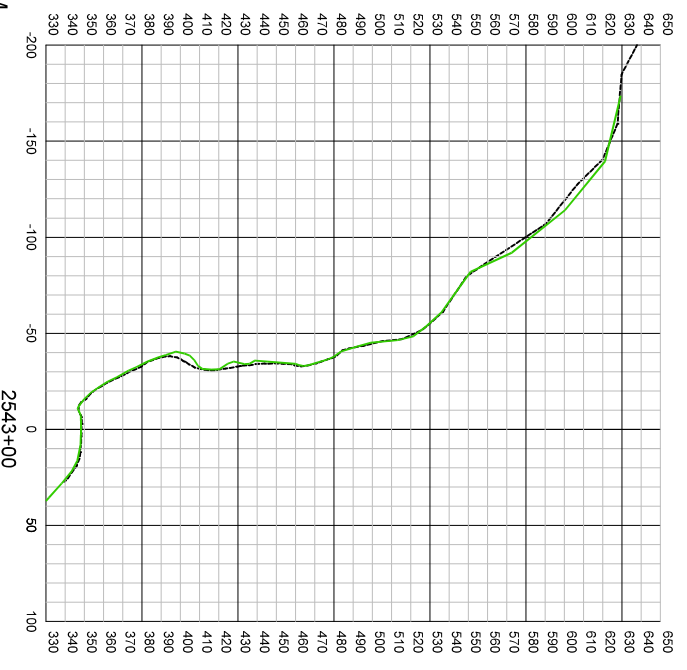
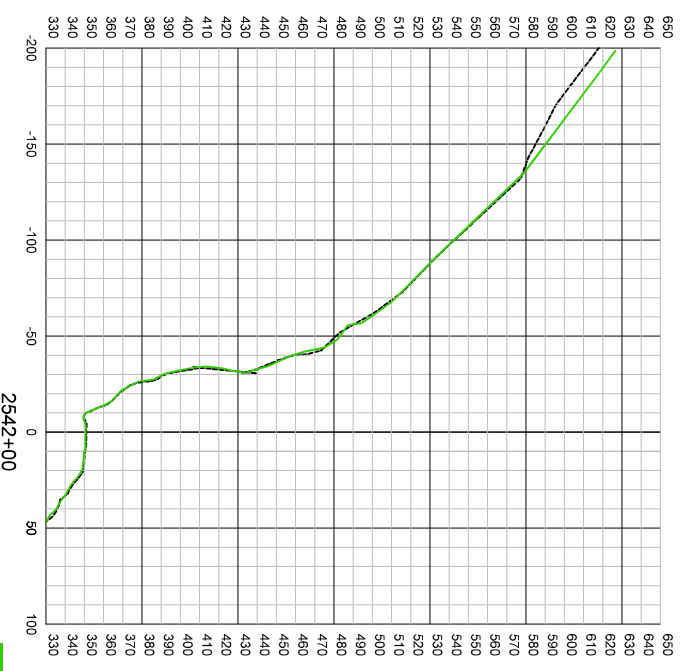
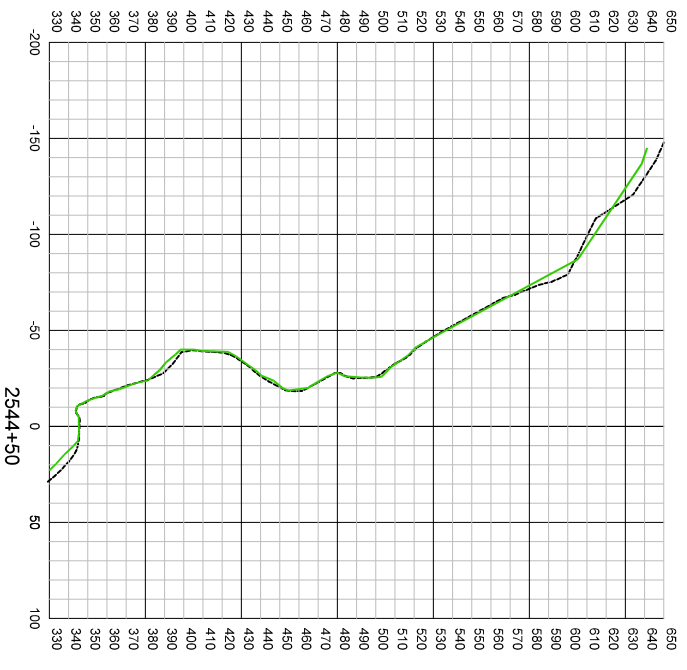
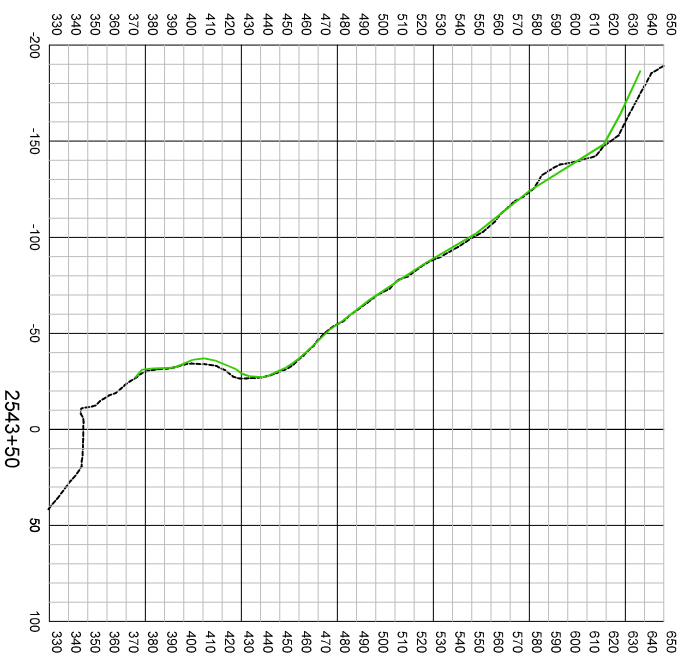
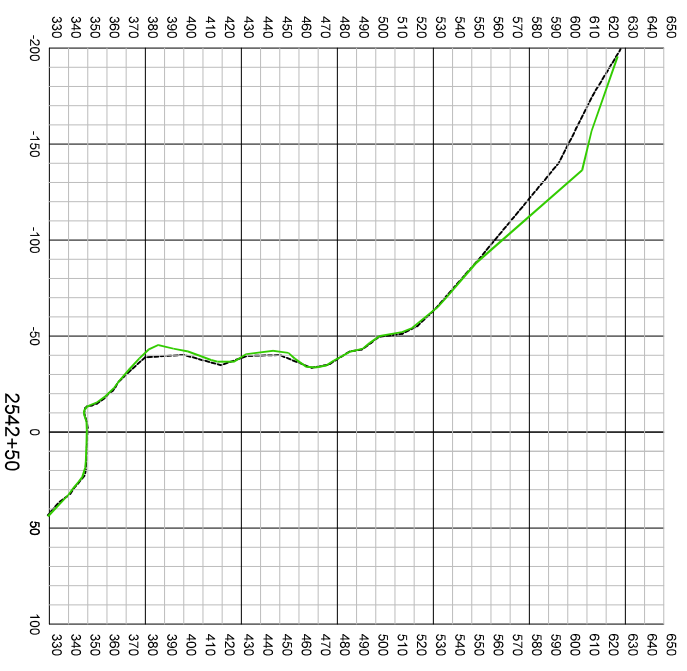


——— MAY 2019 DRONE DSM
- - - - - NOV. 2018 DRONE DSM

SW	REVISIONS	DATE	BY

ALL POINTS NORTH
 CLIENT: ALASKA RAILROAD
 PROJECT: MP 52.16 - 52.40 SAFETY IMPROVEMENTS
 SHEET TITLE: EXISTING SITE CONDITIONS
 JOB NUMBER: 19-04

SCALE: 1" = 30 FEET H & V
 DATE: 6/25/2019
 SHEET NO: 3 OF 13

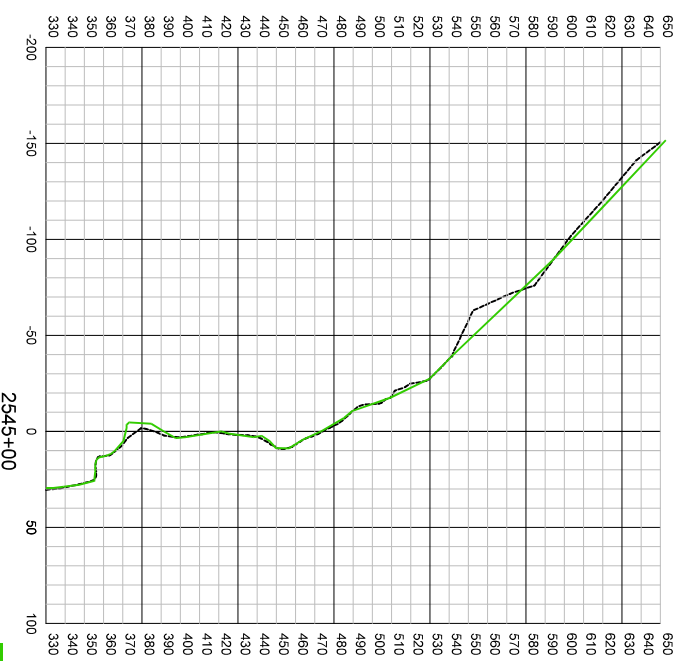
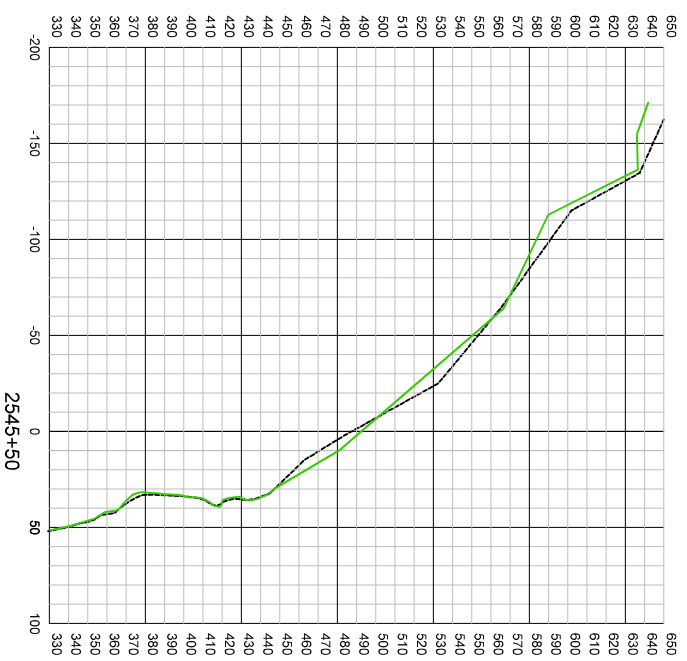


——— MAY 2019 DRONE DSM
- - - - - NOV. 2018 DRONE DSM

NO.	REVISIONS	DATE	BY

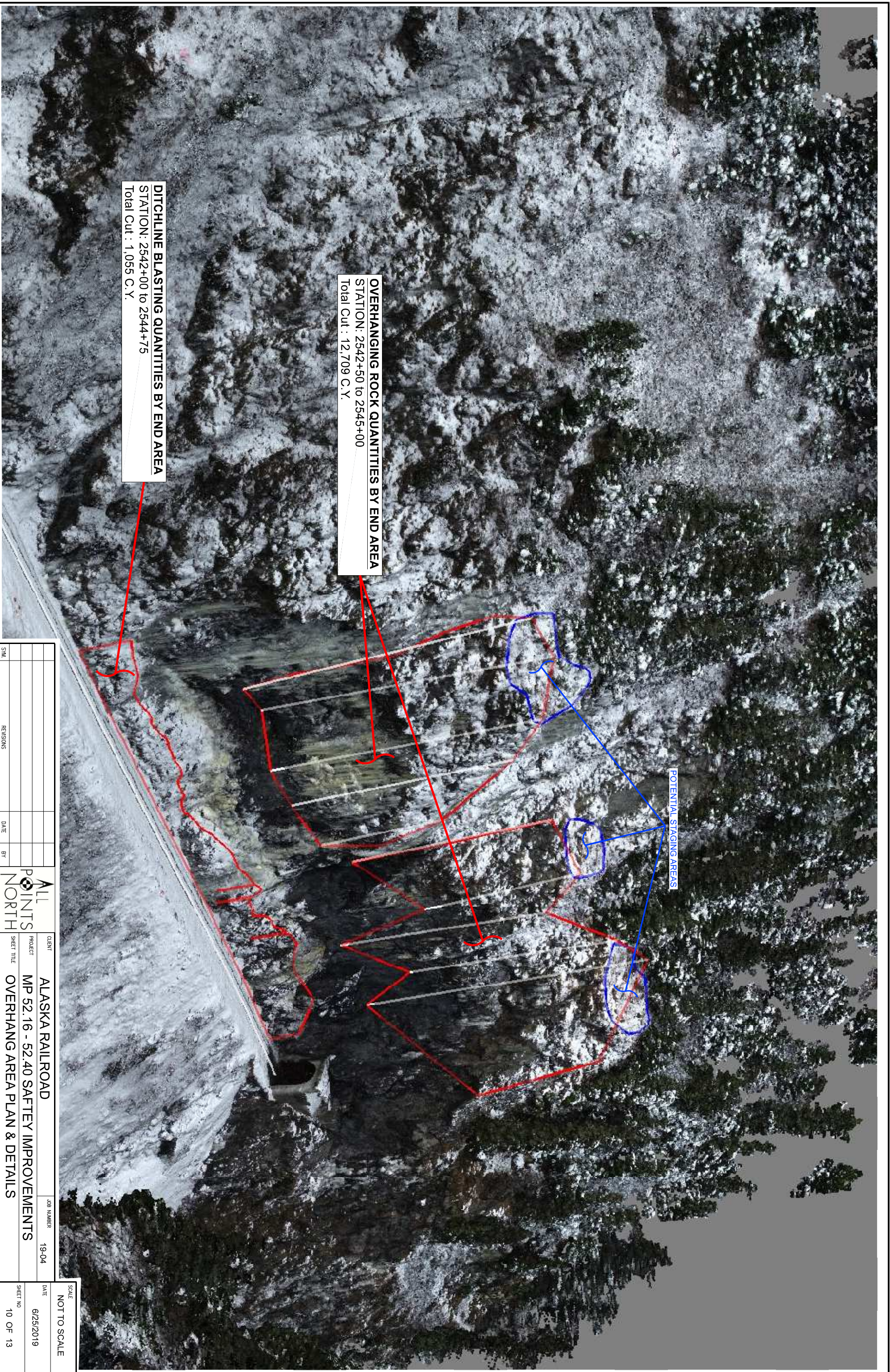
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	PROJECT	MP 52.16 - 52.40 SAFETY IMPROVEMENTS
	SHEET TITLE	EXISTING SITE CONDITIONS

SCALE	1" = 30 FEET H & V
DATE	6/25/2019
SHEET NO.	4 OF 13



——— MAY 2019 DRONE DSM
- - - - - NOV. 2018 DRONE DSM

		ALL POINTS NORTH	CLIENT	ALASKA RAILROAD	JOB NUMBER	19-04
			PROJECT	MP 52.16 - 52.40 SAFETY IMPROVEMENTS	DATE	6/25/2019
			SHEET TITLE	EXISTING SITE CONDITIONS	SHEET NO	5 OF 13
SCALE		1" = 30 FEET H & V				
REVISIONS						
	DATE	BY				
SWL						



POTENTIAL STAGING AREAS

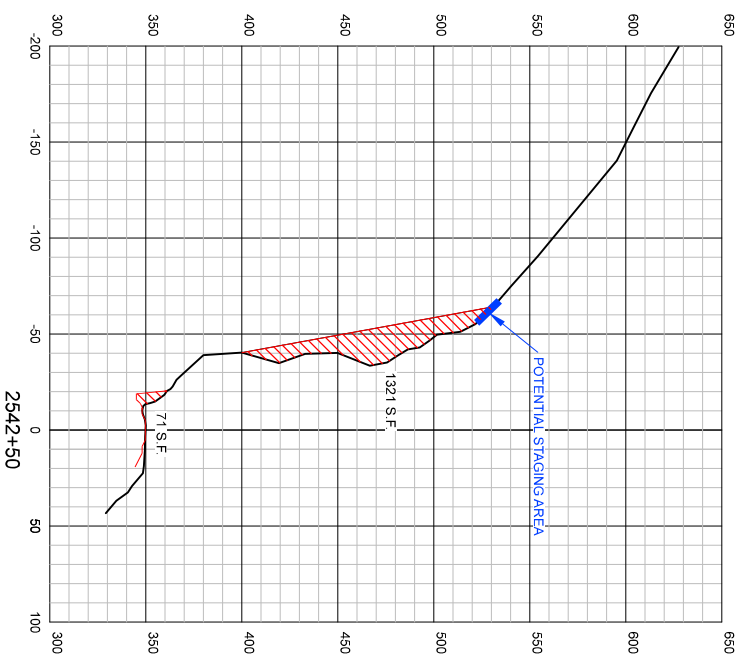
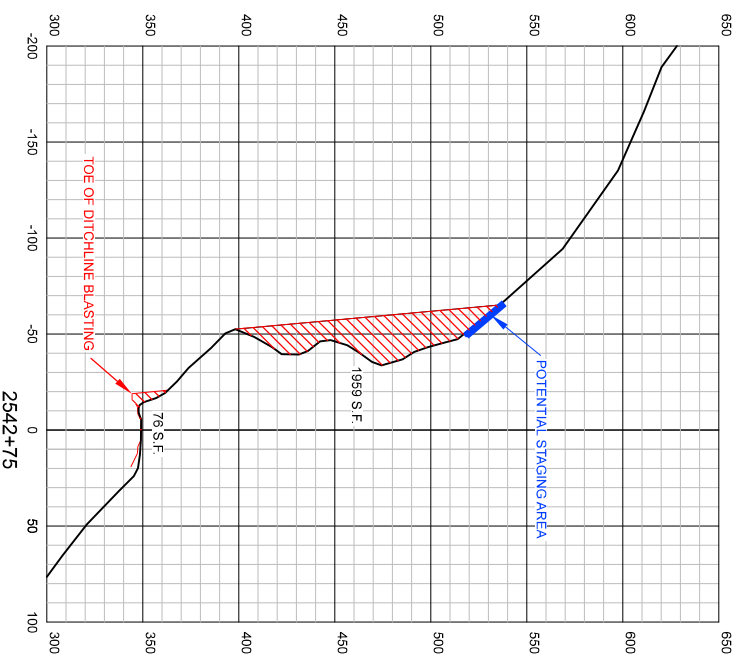
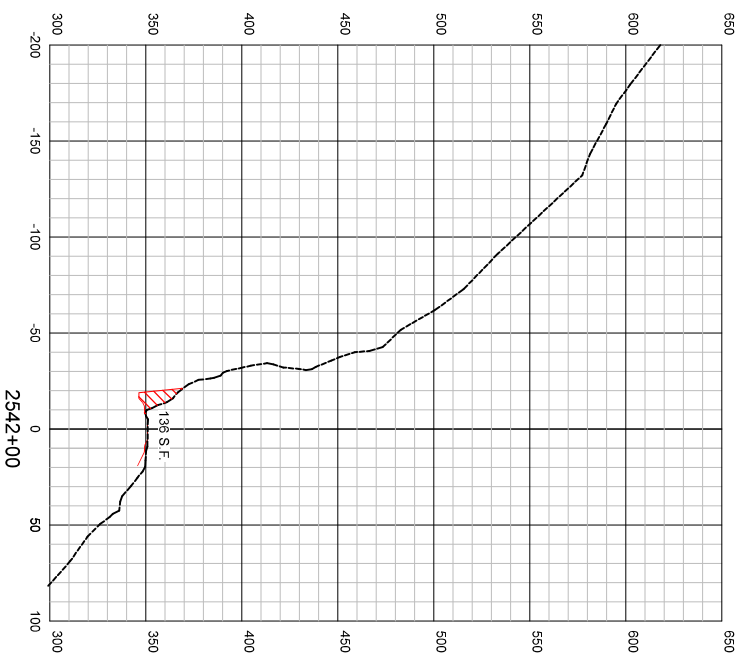
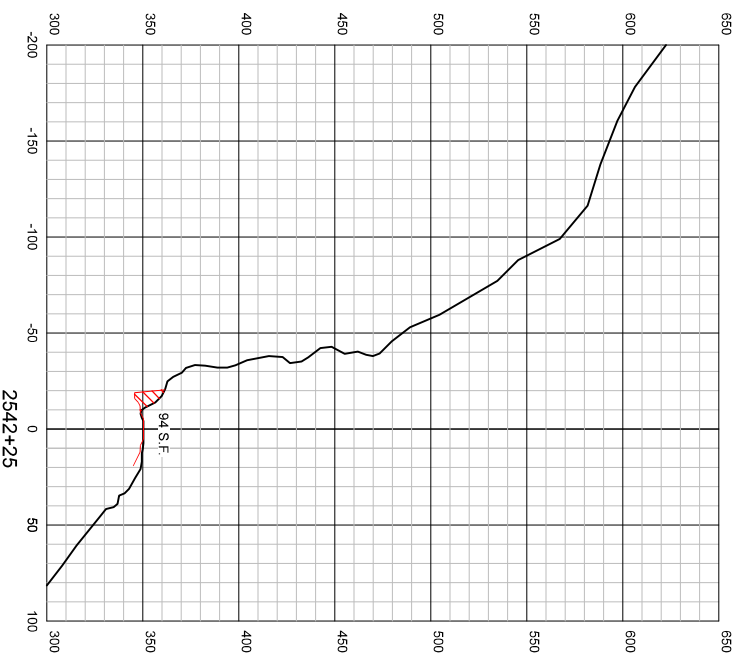
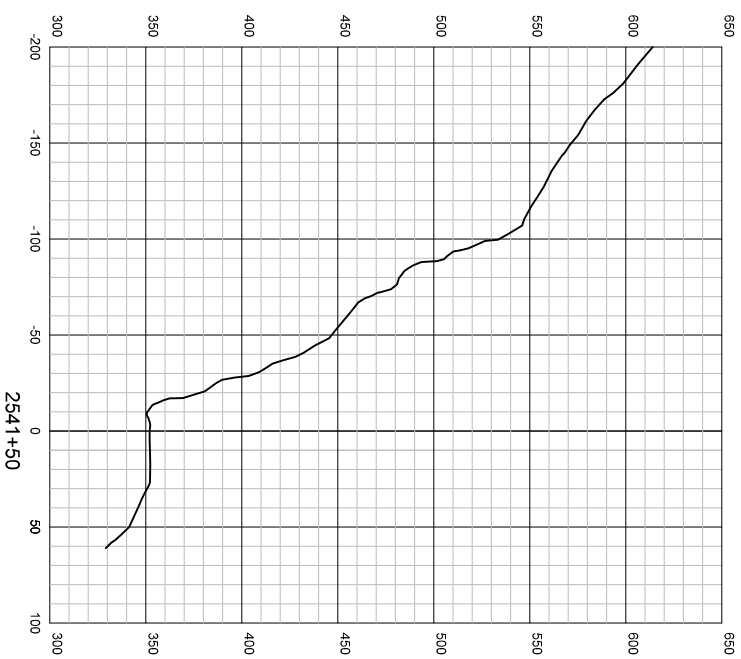
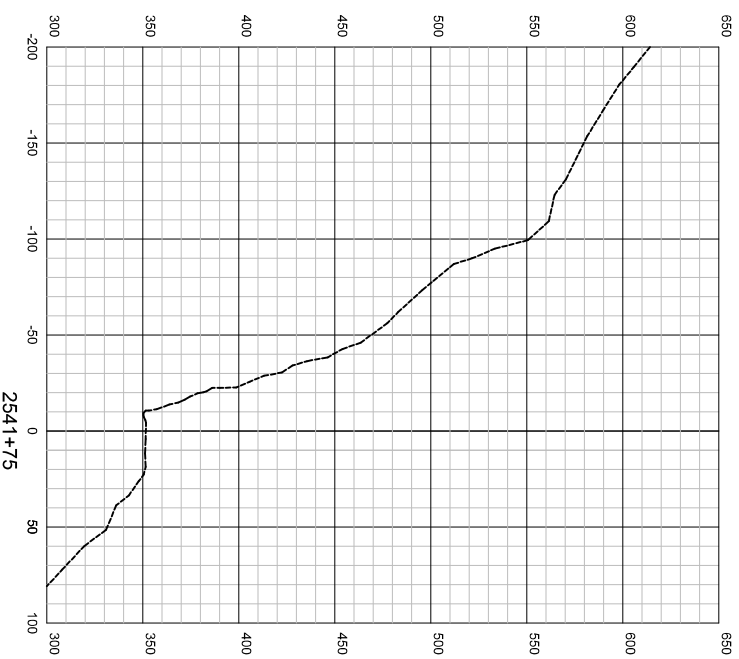
OVERHANGING ROCK QUANTITIES BY END AREA
 STATION: 2542+50 to 2545+00
 Total Cut : 12,709 C.Y.

DITCHLINE BLASTING QUANTITIES BY END AREA
 STATION: 2542+00 to 2544+75
 Total Cut : 1,055 C.Y.

NO.	REVISIONS	DATE	BY

	CLIENT	ALASKA RAILROAD
	PROJECT	MP 52.16 - 52.40 SAFETY IMPROVEMENTS
	SHEET TITLE	OVERHANG AREA PLAN & DETAILS

SCALE	NOT TO SCALE
DATE	6/25/2019
SHEET NO.	10 OF 13



NO.	REVISIONS	DATE	BY



CLIENT: ALASKA RAILROAD
 PROJECT: MP 52.16 - 52.40 SAFETY IMPROVEMENTS
 SHEET TITLE: OVERHANG AREA PLAN & DETAILS
 JOB NUMBER: 19-04

SCALE: 1" = 50 FEET H & V
 DATE: 6/25/2019
 SHEET NO: 11 OF 13

