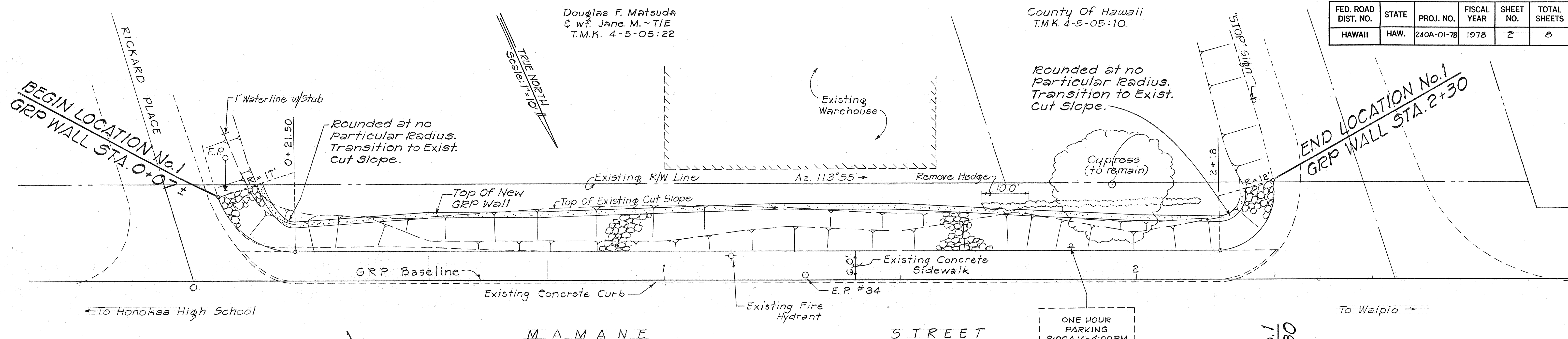
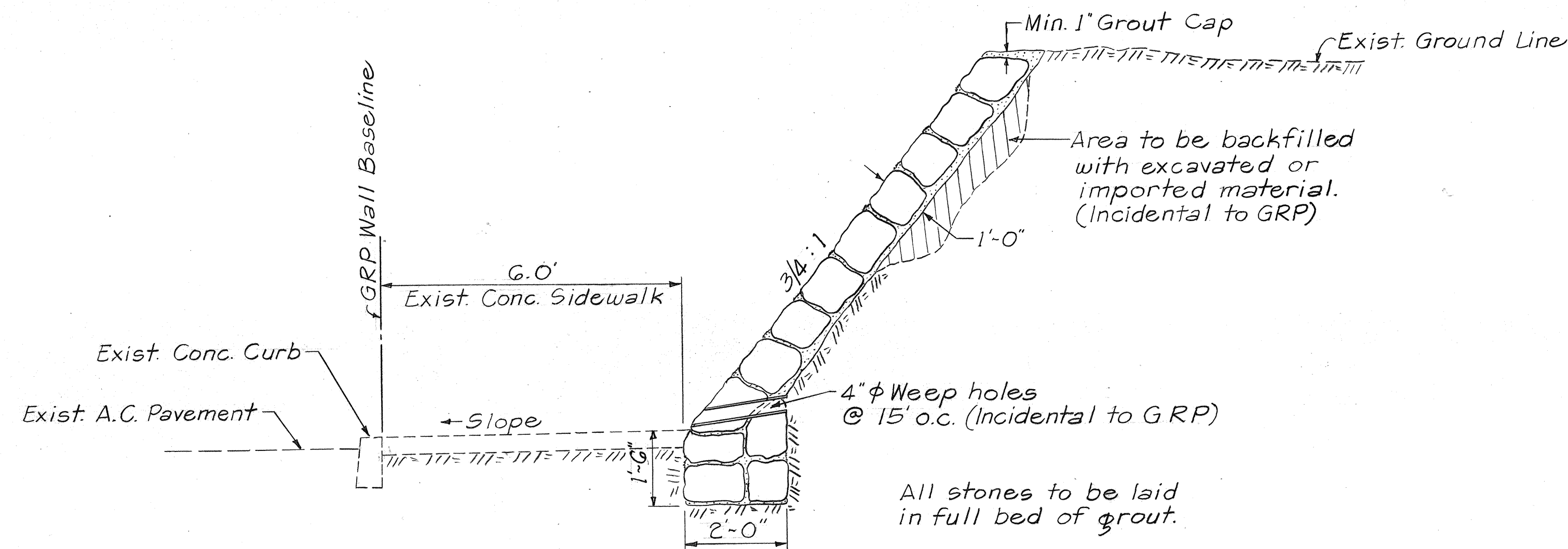
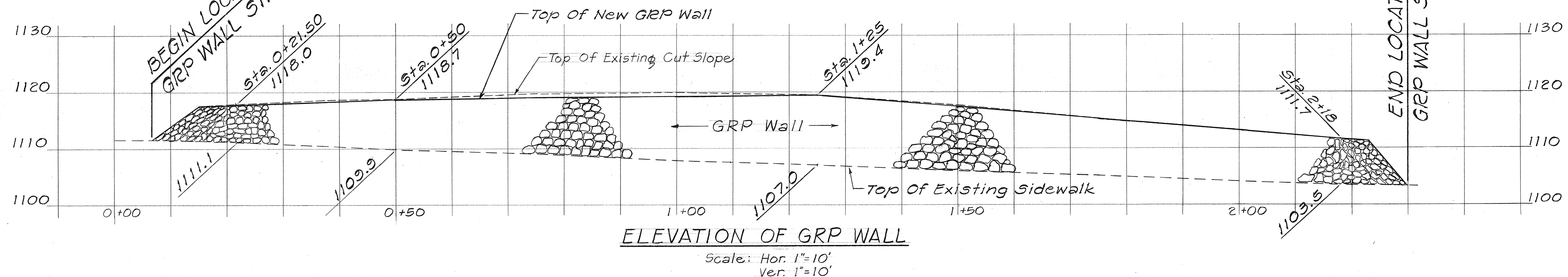


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	240A-01-78	1978	2	8



PLAN
Scale: 1"=10'



GRP WALL DETAIL
Scale: 1/2"=1'-0"

GENERAL NOTES: (LOCATION Nos. 1, 2 & 3)

1. No materials and/or equipment shall be stockpiled or otherwise stored within the highway rights-of-way, except at locations designated in writing and approved by the Engineer.
2. Excavation and Backfill for Conduits and Structures shall be incidental to GRP.
3. Construct smooth wrap around. Fit end of wall to existing ground.
4. Relocation of existing Metal Guardrail with Steel Post at Location No. 2 as shown on Sheet No. 4 shall be incidental to GRP.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

LOCATION No. 1
PLAN, ELEVATION AND DETAIL

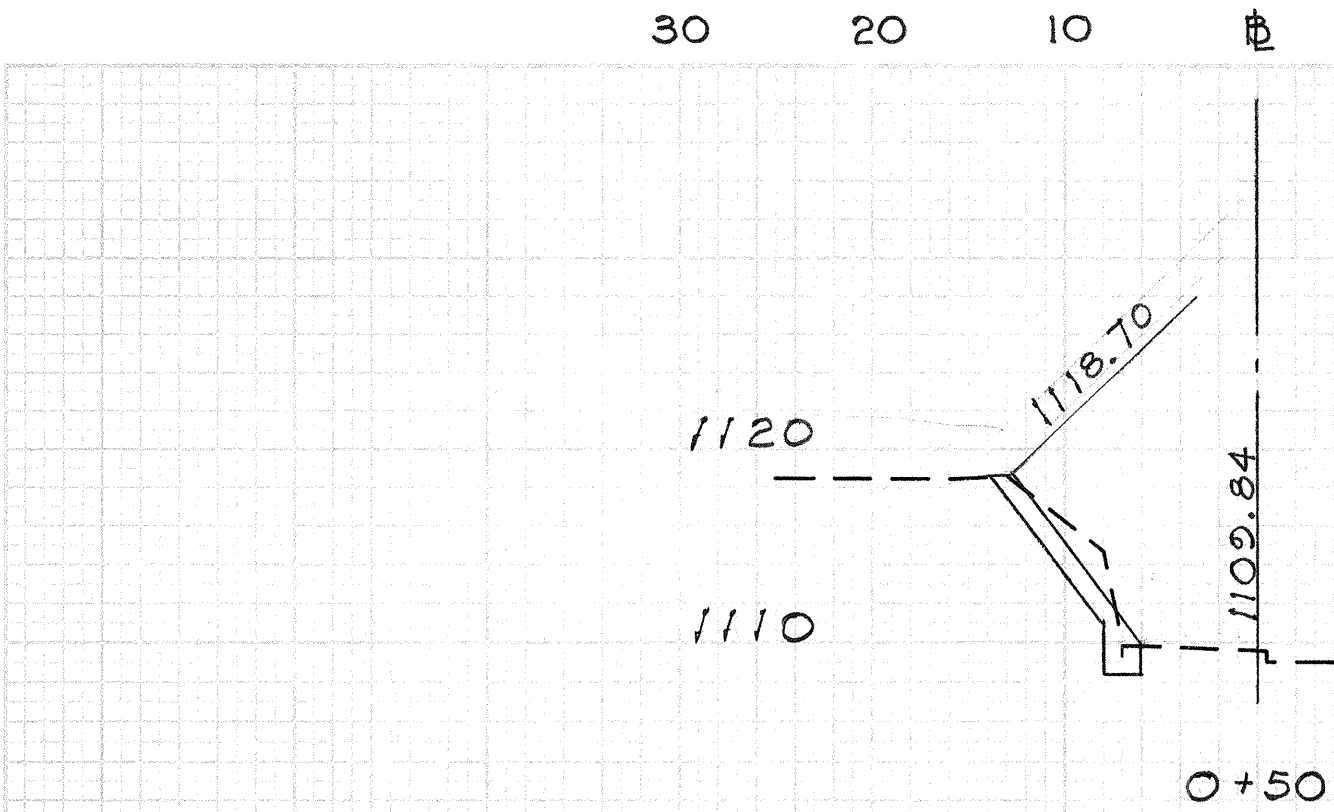
MAMANE STREET SLOPE IMPROVEMENT
PROJECT No. 240A-01-78
HAMAKUA, HAWAII

Scale: As Noted Date: May 1978
SHEET No. 1 OF 2 SHEETS

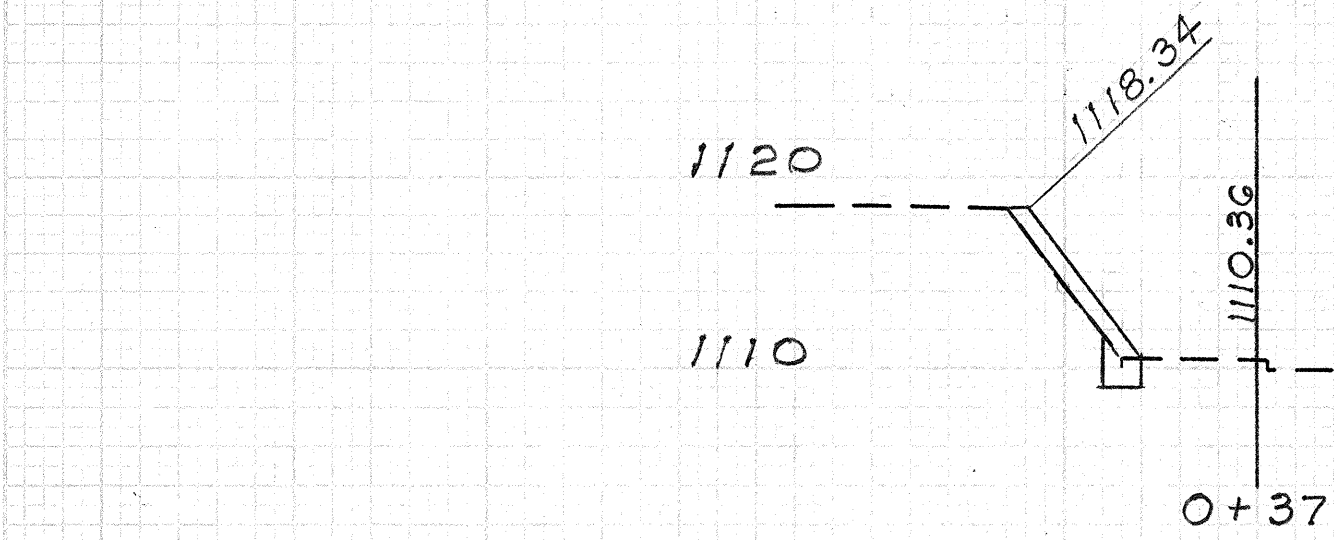
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	240A-01-78	1978	3	8

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



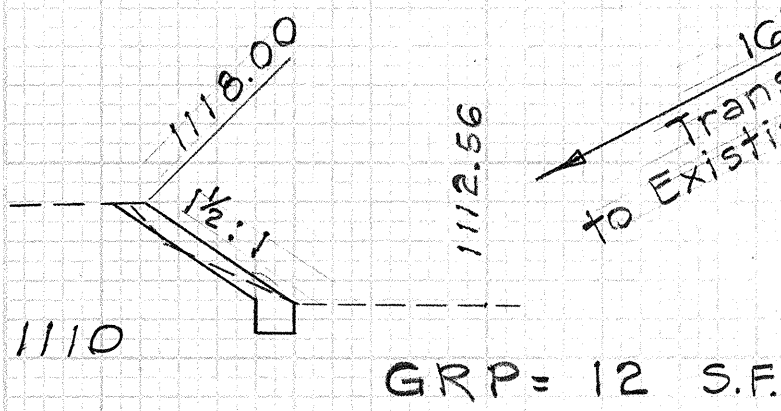
GRP = 14.5 S.F.



GRP = 13 S.F.

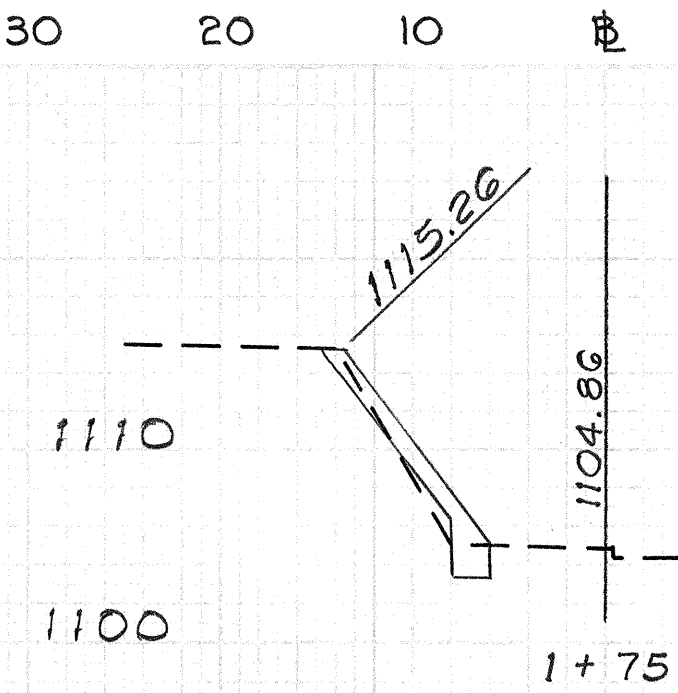


GRP = 11.5 S.F.

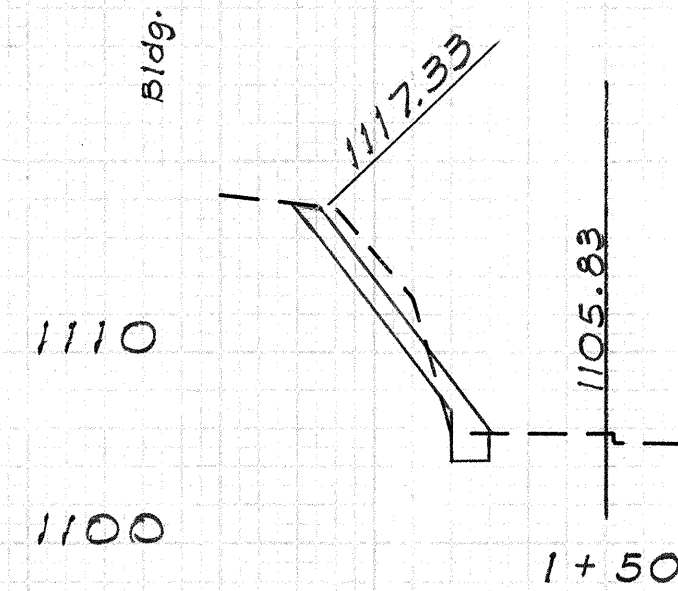


GRP = 12 S.F.

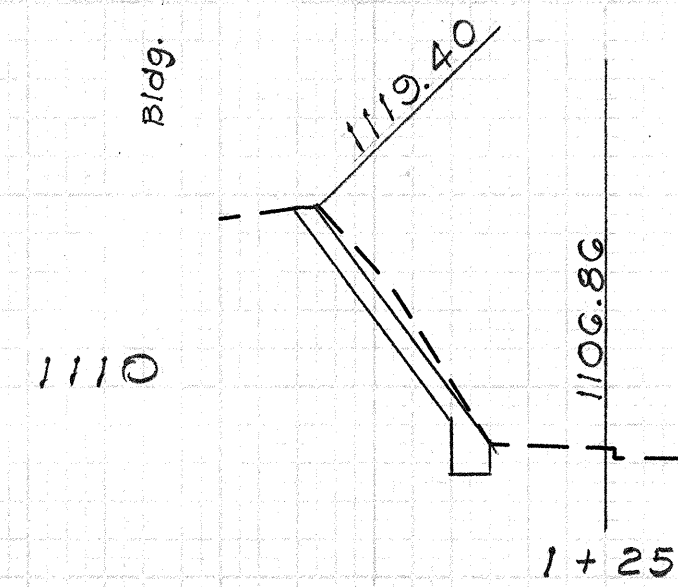
BEGIN LOCATION No. 1



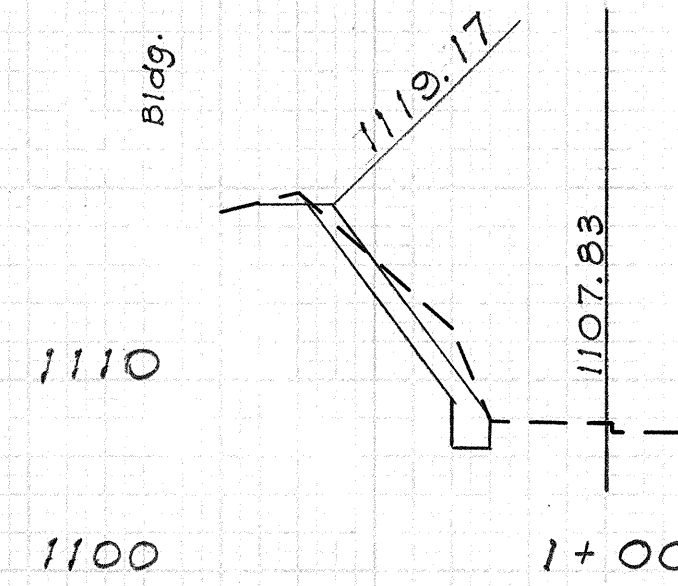
GRP = 16 S.F.



GRP = 18.5 S.F.

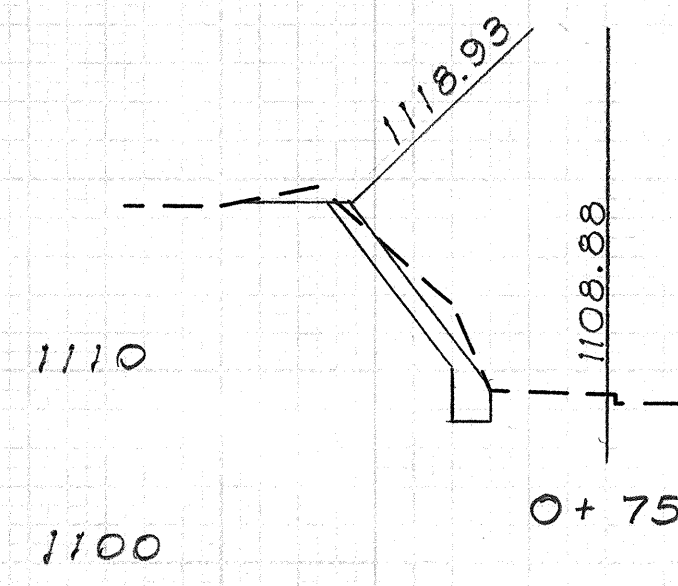


GRP = 19.0 S.F.

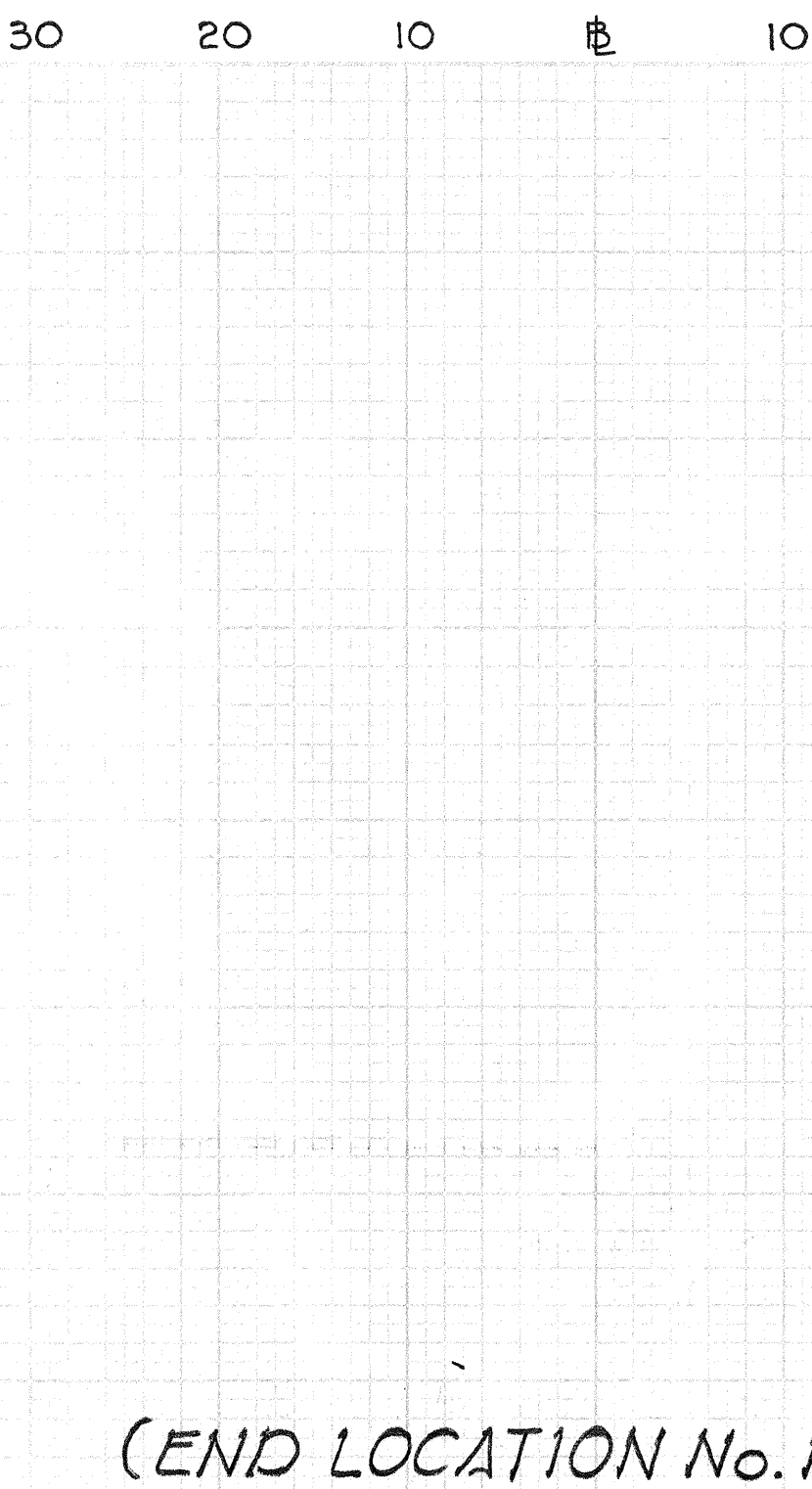


GRP = 18.2 S.F.

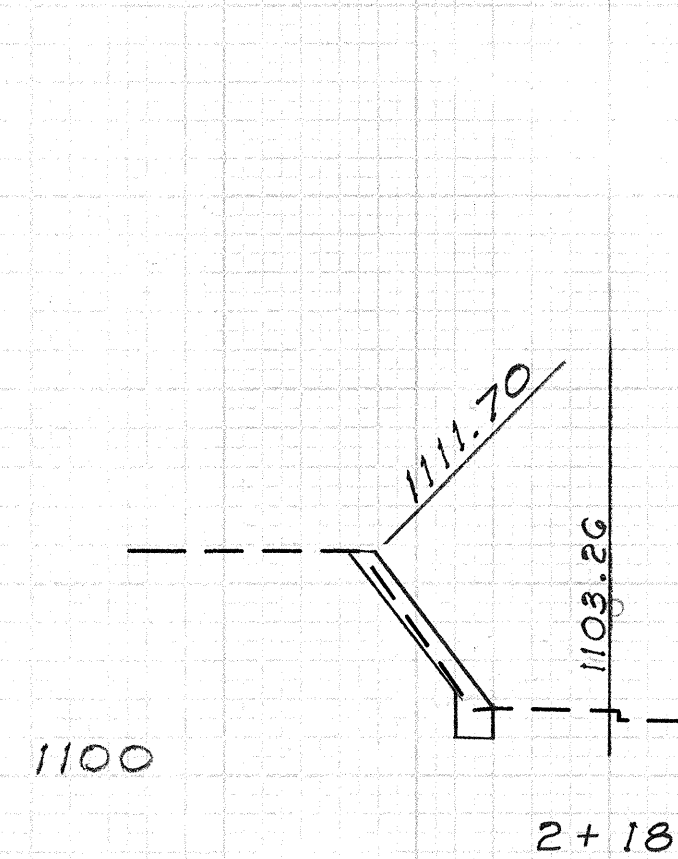
GRP = 17.5 S.F.



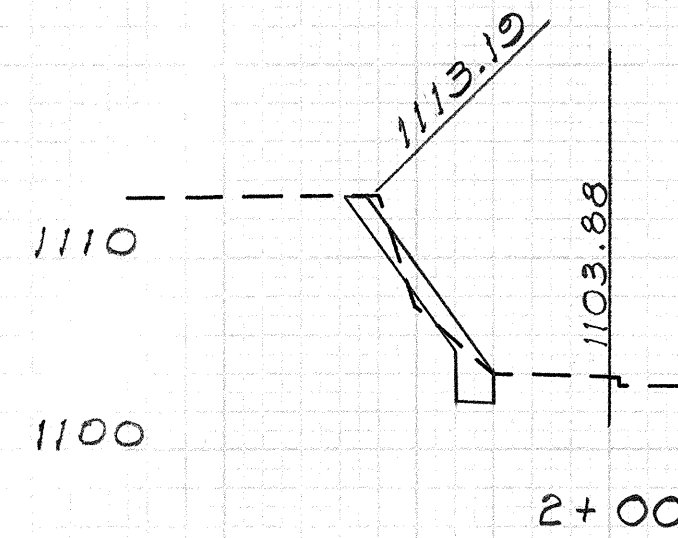
GRP = 15.5 S.F.



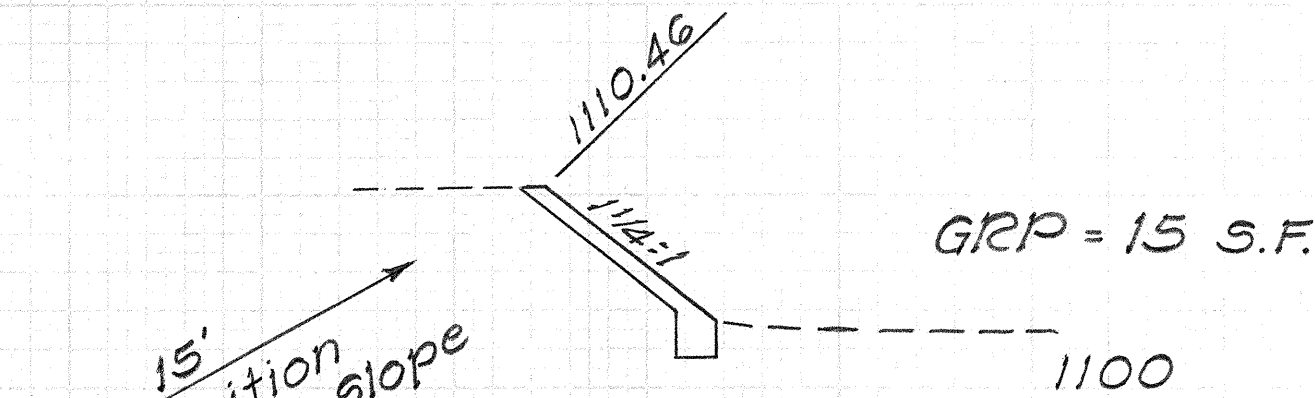
(END LOCATION No. 1 STA. 2+30)



GRP = 13.5 S.F.



GRP = 14.5 S.F.



GRP = 15 S.F.