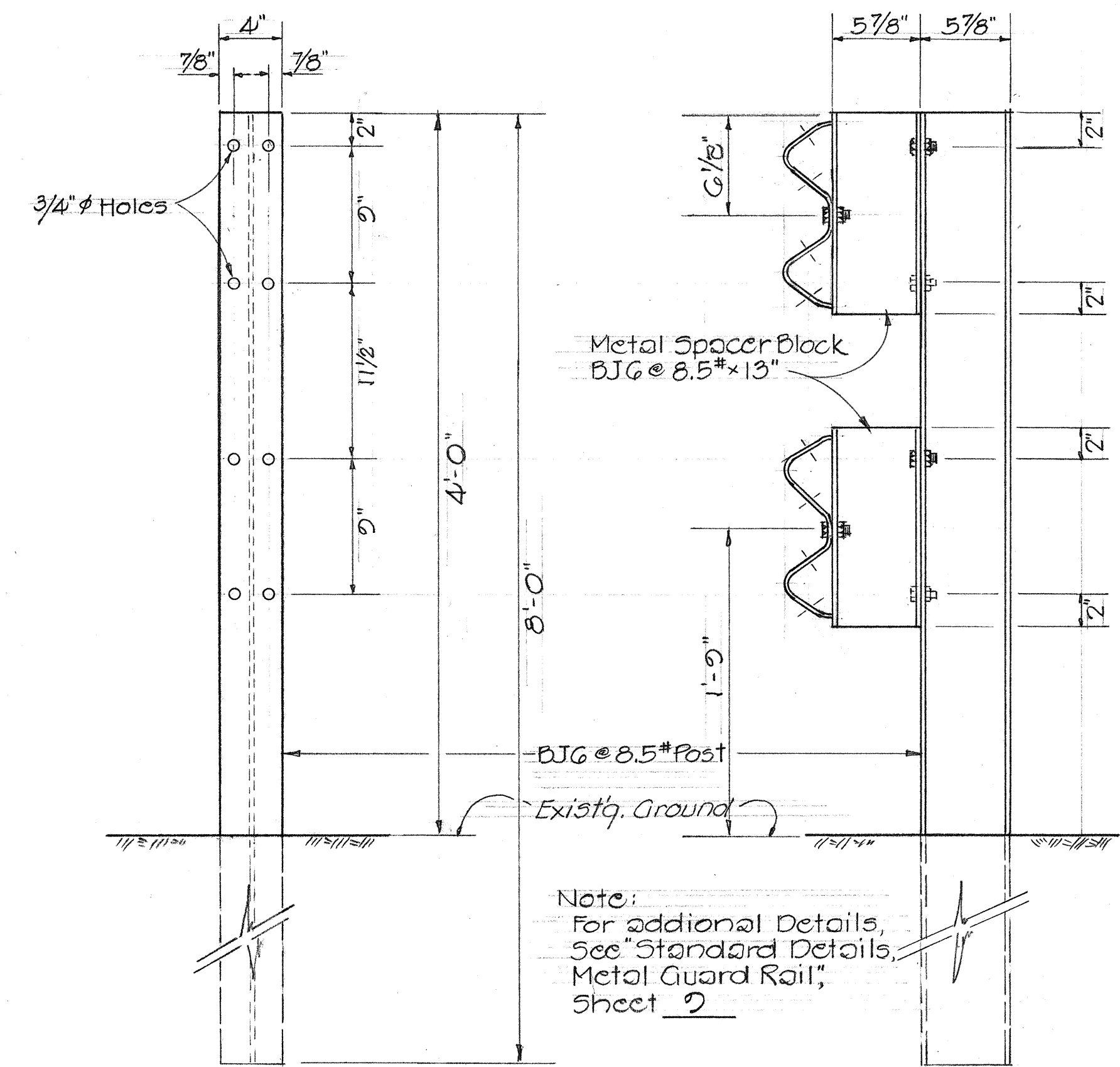
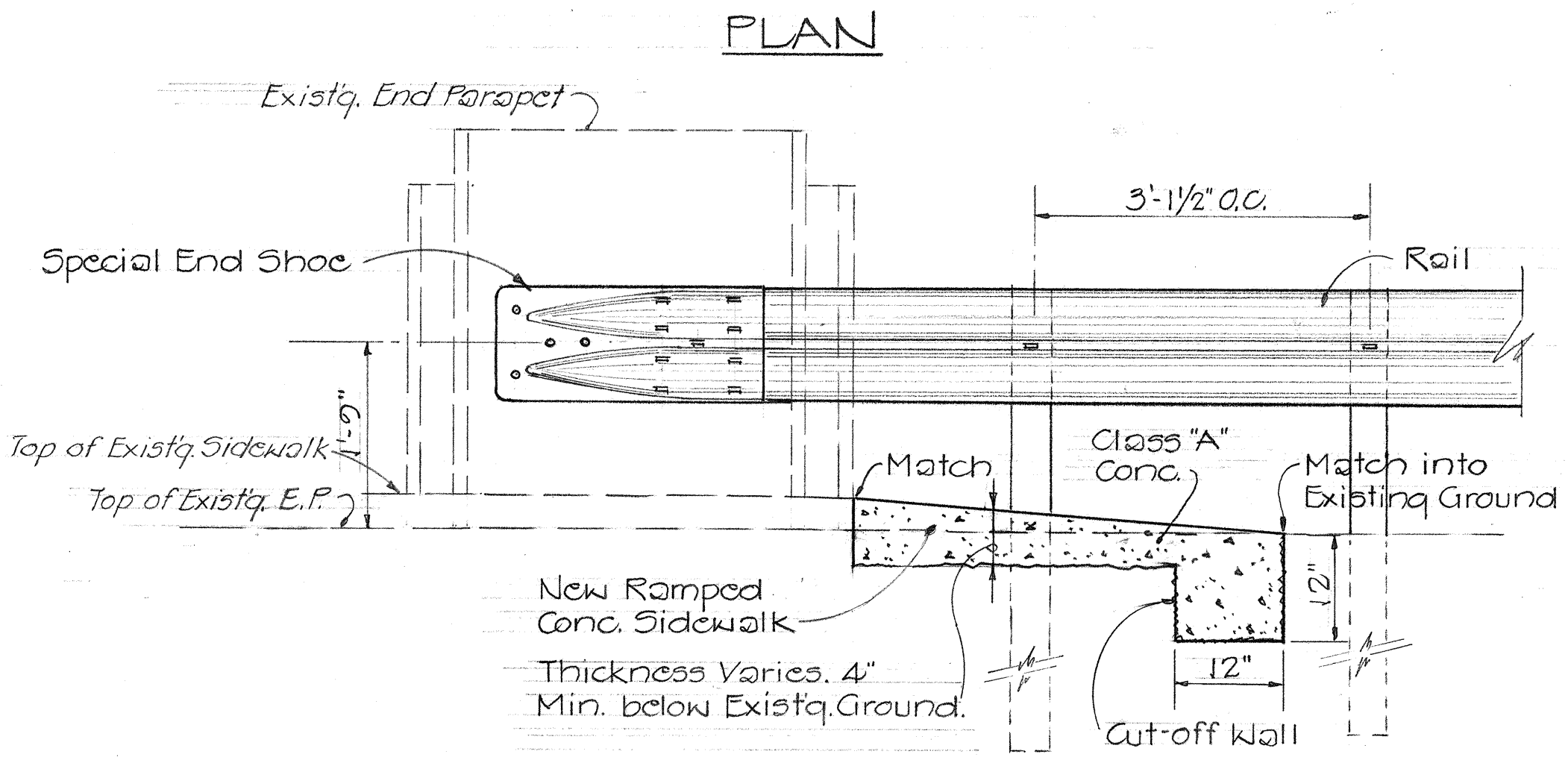
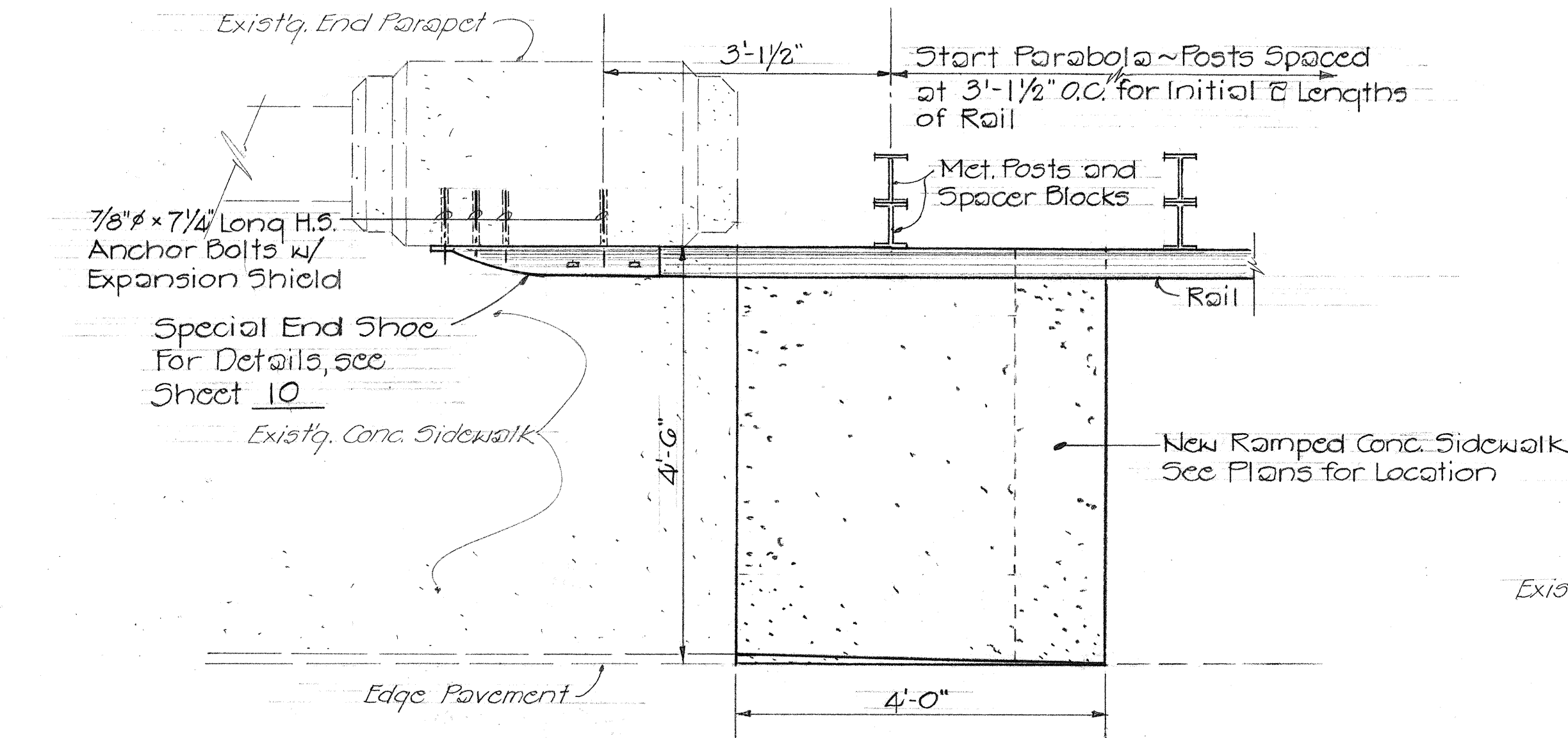


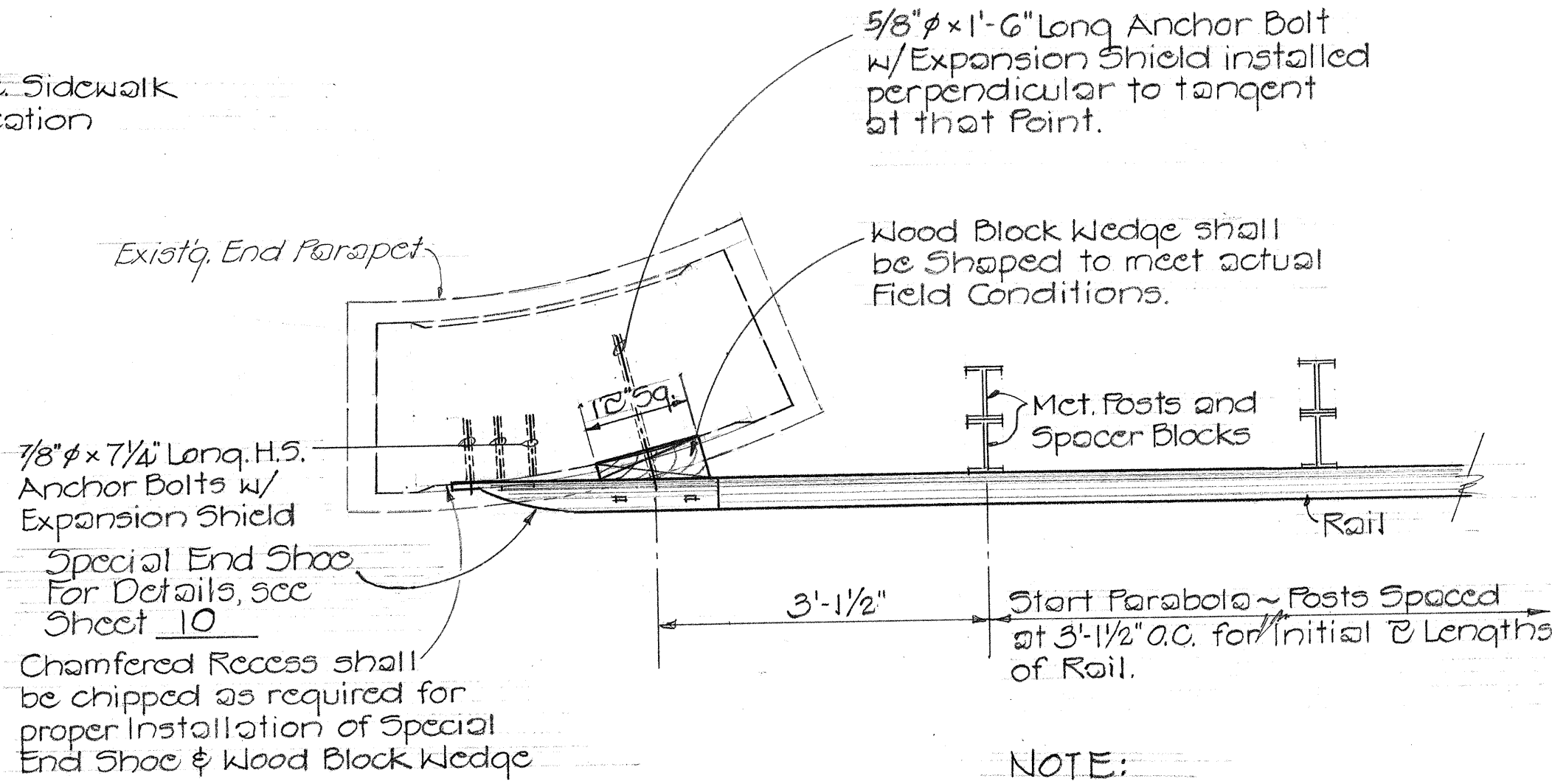
DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ROS-050-1(2)	1977	7	15



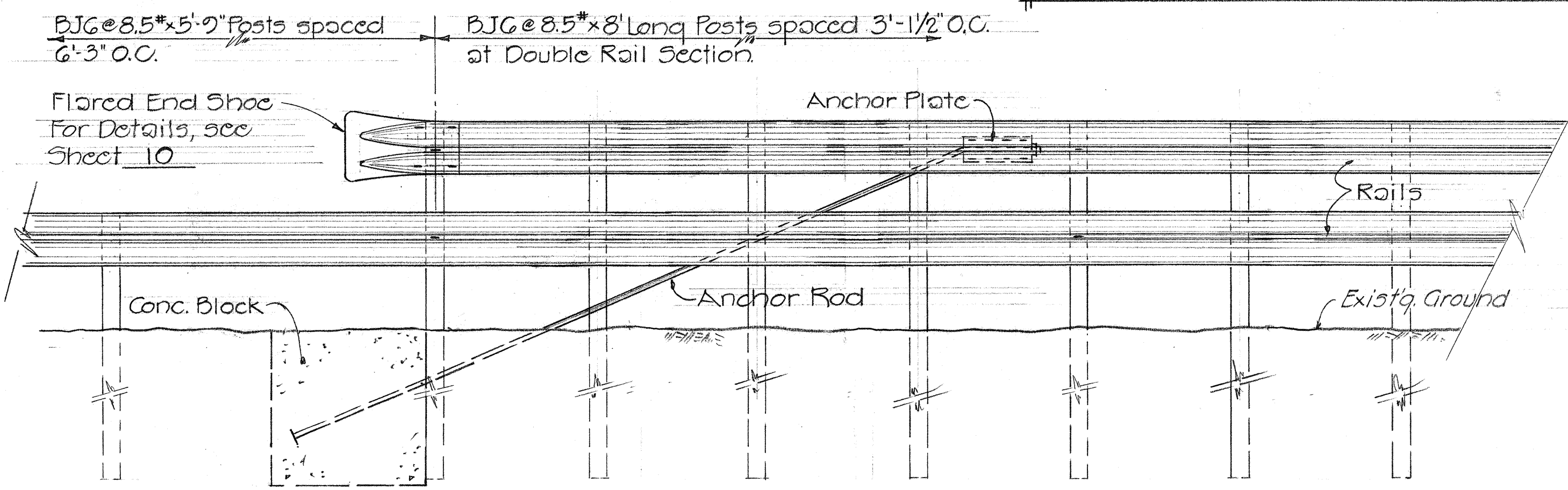
TYPICAL GUARD(DOUBLE) RAIL
Scale: 1/2"=1'-0"



ELEVATION ~ SECTION
SPECIAL END SHOE CONNECTION TO PARAPET
WAHIAKA BRIDGE
Scale: 3/4"=1'-0"



PLAN
SPECIAL END SHOE CONNECTION TO PARAPET
LAWAI BRIDGE
Scale: 3/4"=1'-0"



PARTIAL ELEVATION
GUARD(DOUBLE) RAIL W/ FLARED END SHOE & CONCRETE ANCHORAGE
Scale: 1/2"=1'-0"

NOTE:
For additional Details on Type "G" Flare (Modified) for upper rail and Concrete Anchor Block, see Sheets No. 13 & 15. Should Metal Spacer Block be in the way of Anchor Rod, a hole as required shall be made on web of Spacer Block for proper installation of Anchor Rod.

DATE	_____
DESIGNED BY	_____
TRACED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
ROUTE 50 - KAUMUALII HIGHWAY SAFETY
IMPROVEMENTS AT VARIOUS LOCATIONS
BETWEEN HANAPEPE AND PUHI
PROJECT No. ROS-050-1(2)
MISCELLANEOUS DETAILS
Scale: As Noted
Apr. 1977
SHEET No. 1 OF 1 SHEETS

7