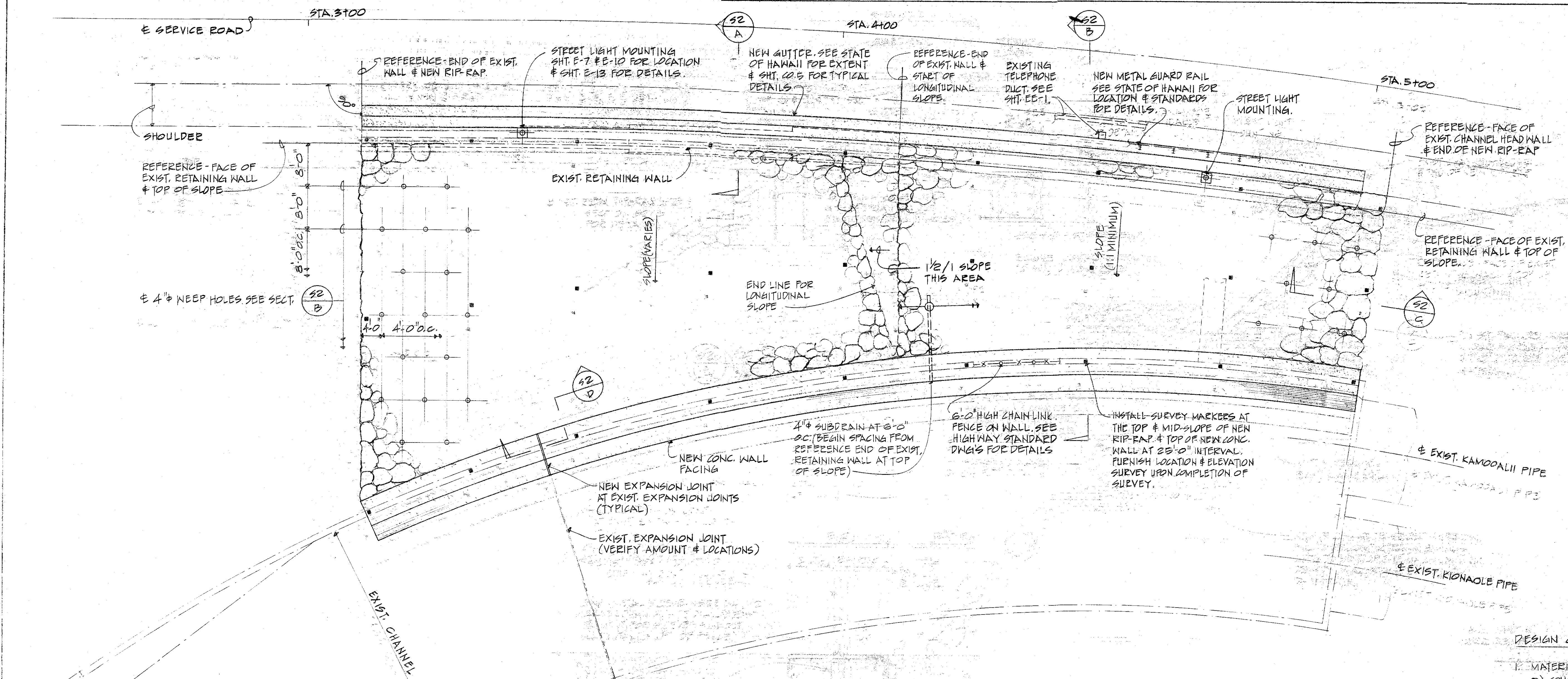




PLAN - EXISTING CHANNEL & WALL WITH NEW CONCRETE WALL & NEW RIP-RAP
SCALE: 1" = 10'-0"

DESIGN CRITERIA

1. MATERIAL NOTES

- a) CONCRETE: MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE 3,000 P.S.I.
- b) REINFORCING STEEL: ASTM A615, GRADE 60.

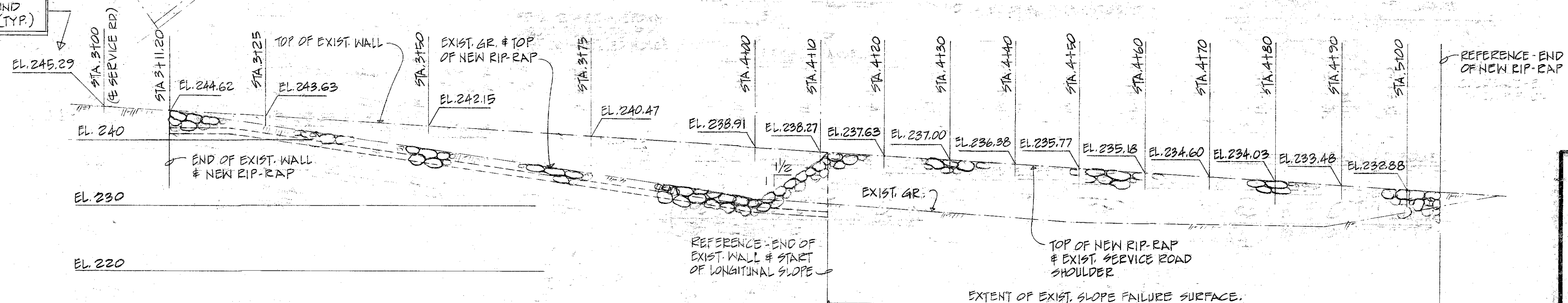
2. DESIGN LOADS BASED ON DAMES & MOORE'S REPORT

- a) ACTIVE PRESSURE (SOIL) = 45 PCF (EQUIVALENT FLUID PRESSURE)
- b) HORIZONTAL THRUST (AT TOE OF RIP-RAP) = 1,800 #/FT.

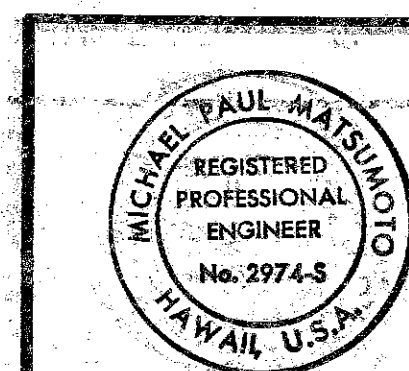
SPECIAL NOTE

1. THE DETAILS OF THE RIP-RAP FOR THE SLOPED SURFACE ARE BASED ON RECOMMENDATIONS CONTAINED IN DAMES & MOORE'S LETTER-REPORT TO HDOT & C DATED JULY 31, 1985 (04408-112-11).
2. RIP-RAP CONSTRUCTION & SLOPE COMPACTION SHALL BE OBSERVED BY DAMES & MOORE.

TOP OF EXIST. WALL
& EXIST. GROUND
ELEVATIONS (TYP.)



ELEVATION ALONG FACE OF EXIST. RETAINING WALL & TOP OF NEW RIP-RAP
SCALE: 1" = 10'-0"



This work was prepared by me or under my supervision.
Michael Taul-Matsumoto
9/23/85

NO.	DATE	REVISION	BY
PLAN & ELEVATIONS			
HALE KOU INTERCHANGE F.A.I. PROJECT NO. I-IR-H3-1(24)111 SLOPE REPAIR AT SERVICE ROAD			
SSFM ENGINEERS, INC. 1210 Ward Avenue HONOLULU, HAWAII 96814 (808) 531-1308			

1 OF 2 SHEETS