

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	311A-02-93	1993	8	12

LEGEND

4 each Type A Raised Pavement Markers  
Type CL Raised Pavement Markers @ 40' - 0" o.c.

4 each Type J Raised Pavement Markers  
Type DL Raised Pavement Markers @ 40' - 0" o.c.

8" White Stripe with Type CL Raised Pavement Markers @ 20' - 0" o.c. (Tape, Type I or Thermoplastic Extrusion)

4" Double Solid Yellow with Type DL Raised Pavement Markers @ 20' - 0" o.c. (Tape, Type I or Thermoplastic Extrusion)

4" Double Solid Yellow Stripes with Type HL Raised Pavement Markers @ 20' - 0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" Yellow Edge Stripe with Type HL Raised Pavement Markers @ 40' - 0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" Double Solid White Stripes with Type CL Raised Pavement Markers @ 20' - 0" o.c. (Tape, Type I or Thermoplastic Extrusion)

Lane Change Restriction Marking

4 each Type A Raised Pavement Markers  
Type CL Raised Pavement Markers @ 20' - 0" o.c.

4" White Stripe (Tape, Type I or Thermoplastic Extrusion)

4" or 8" White Edge Stripe with Type CL Raised Pavement Markers @ 40' - 0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" White Guide Lines (Thermoplastic Extrusion)

Transverse Median Marking (Tape, Type II or Thermoplastic Extrusion)

Transverse Shoulder Marking (Tape, Type II or Thermoplastic Extrusion)

Channelizing Island or Deceleration Lane Gore (Tape, Type II or Thermoplastic Extrusion)

Crosswalk and Stop Line. All Stop Lines shall be 10' - 0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment. (Thermoplastic Extrusion)

Pavement Arrow (Tape, Type I or Thermoplastic Extrusion)

Pavement Word (Tape, Type I or Thermoplastic Extrusion)

4 Each Type J Raised Pavement Markers  
Type DL Raised Pavement Markers @ 40' - 0" o.c.

Type HL Raised Pavement Markers (Reflective Surface facing no-passing direction)

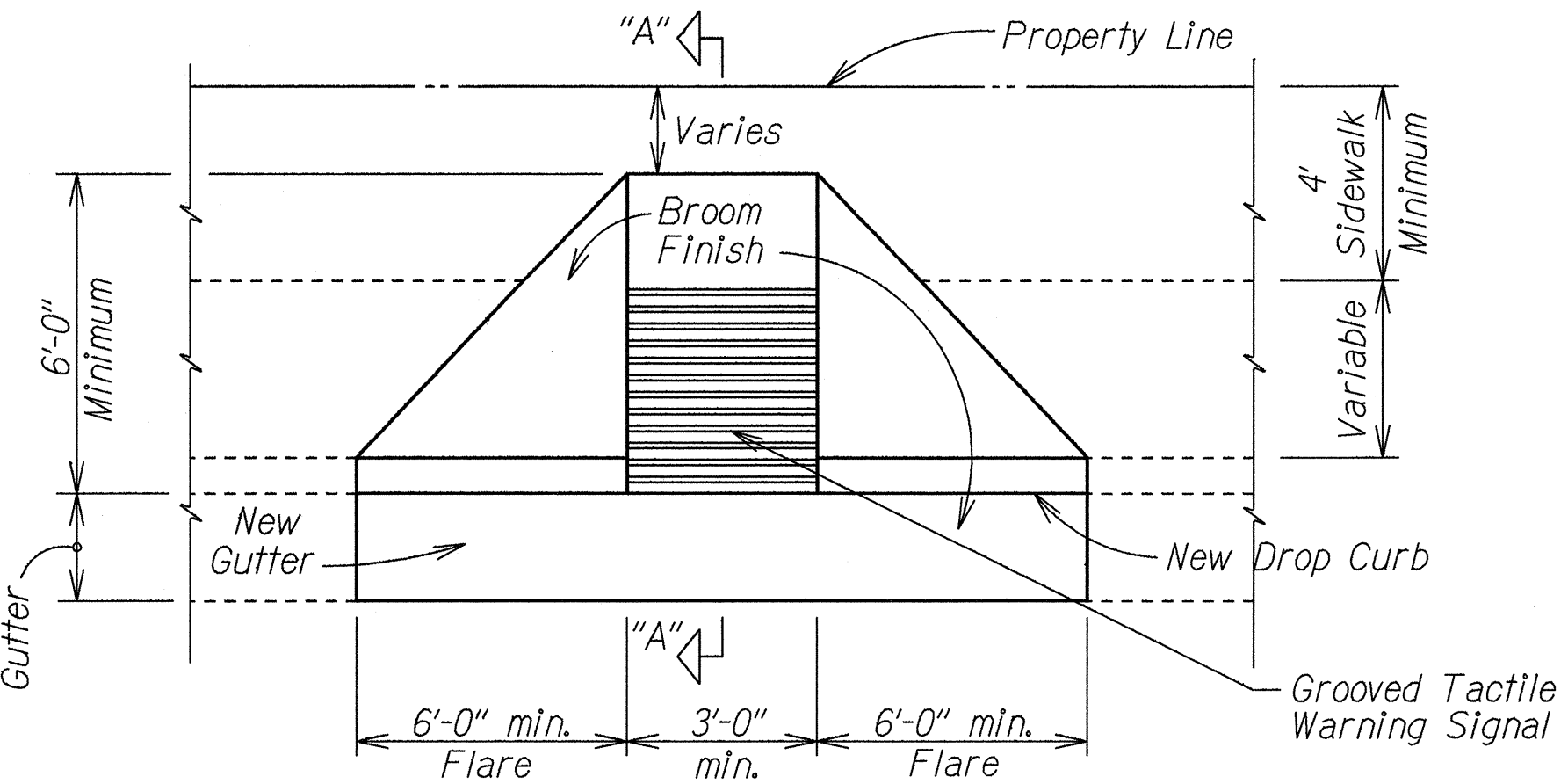
4" Single Solid Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)

Extension of Edge Line, 4" Wide x 2' - 0" Long White Stripe @ 10' - 0" o.c. w/Type CL Markers @ 40' - 0" o.c. (Thermoplastic Extrusion)

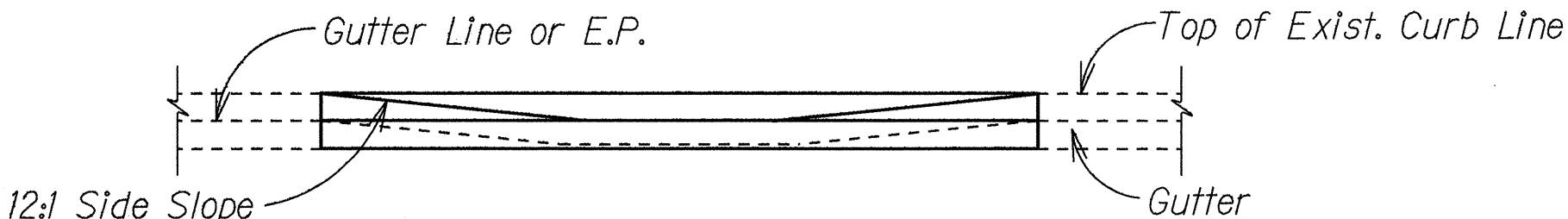
STOP

NOTES

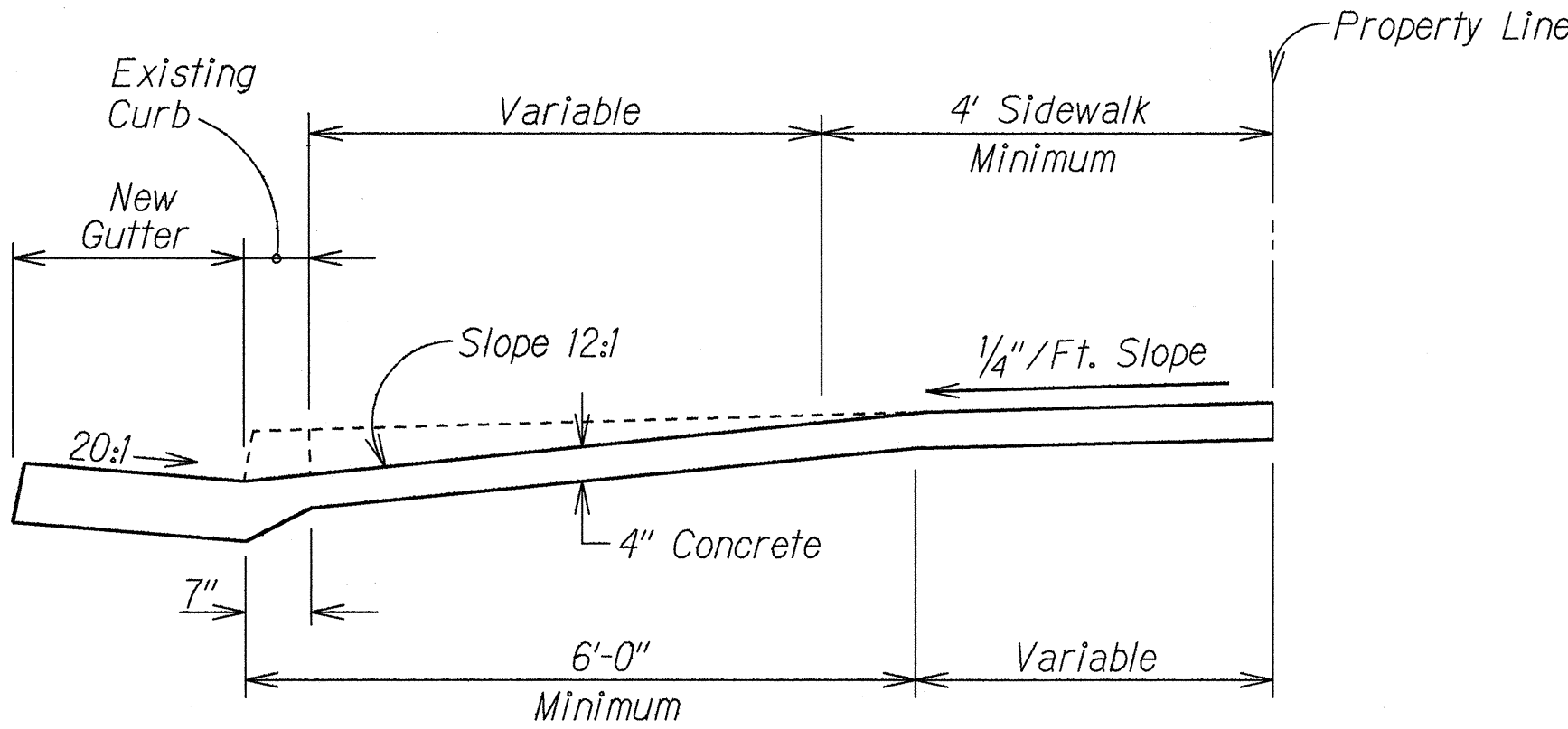
- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Details of Type C, Type D and Type H Markers on Standard Plan Nos. TE-30, TE-31 and TE-32 shall be deleted and replaced with details of Type CL, Type DL and Type HL Markers as shown on this sheet. All references to Type C, Type D and Type H Markers in the plans shall mean Type CL, Type DL and Type HL Markers.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be as noted on the Legend or plans.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.



PLAN



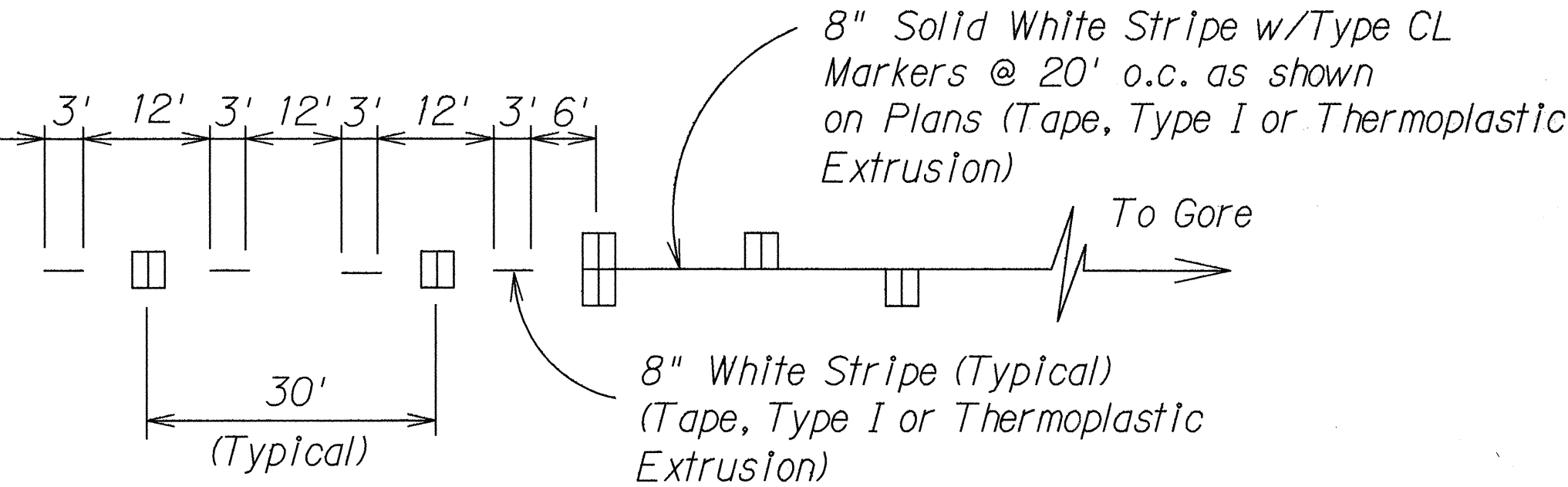
ELEVATION



SECTION "A-A"

WHEELCHAIR RAMP - TYPE "A"

USE WHERE OBSTRUCTIONS EXIST



LANE DROP MARKING

Not to Scale

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PAVEMENT MARKING

LEGEND, DETAILS & NOTES

PUUNENE AVENUE IMPROVEMENTS

Kulhelani Highway to Mokulele Highway

PROJECT NO. 311A-02-93

Scale : 1" = 40'

Date : March, 1993

SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	NOTED BY	
	CHECKED BY	