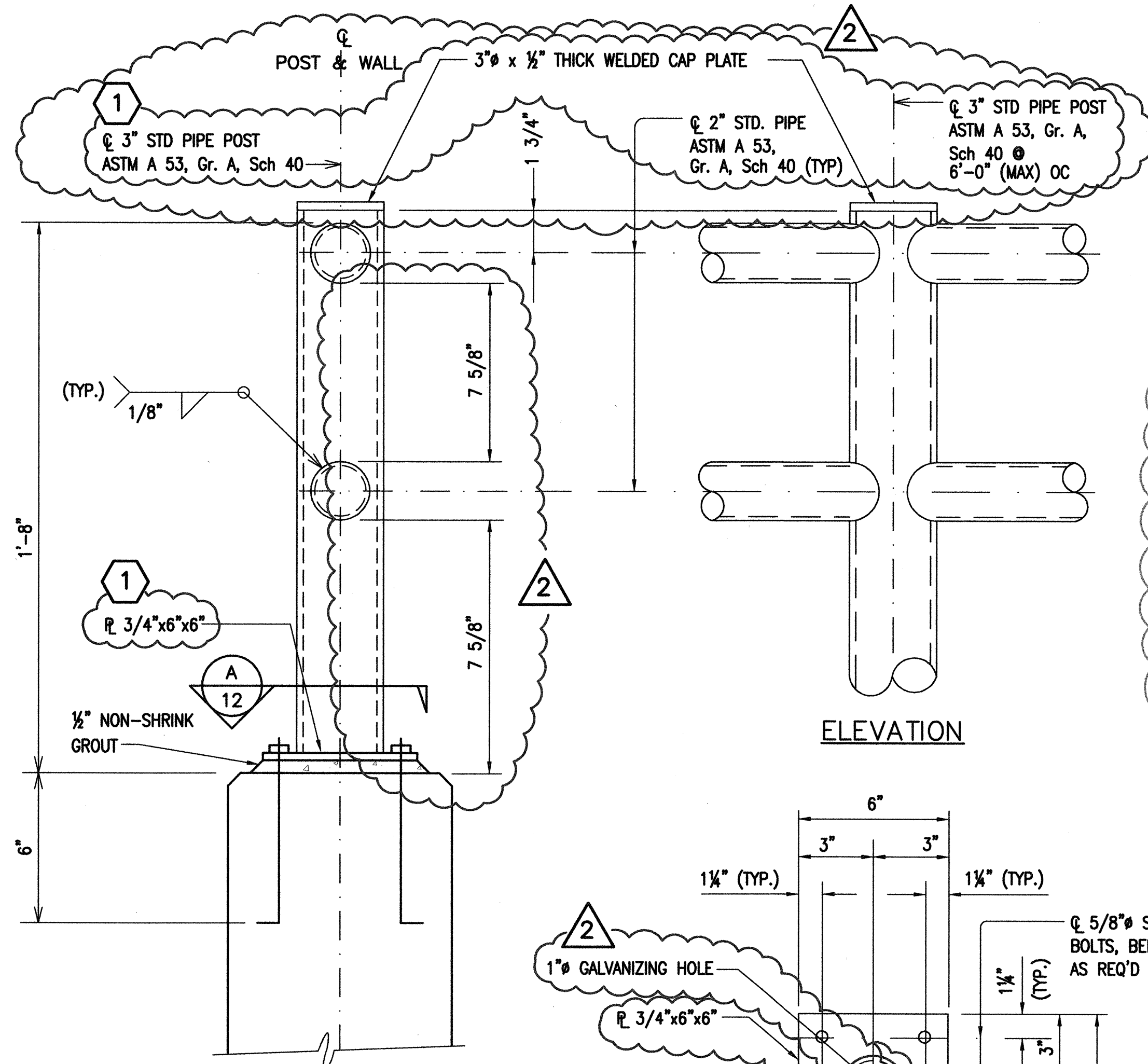
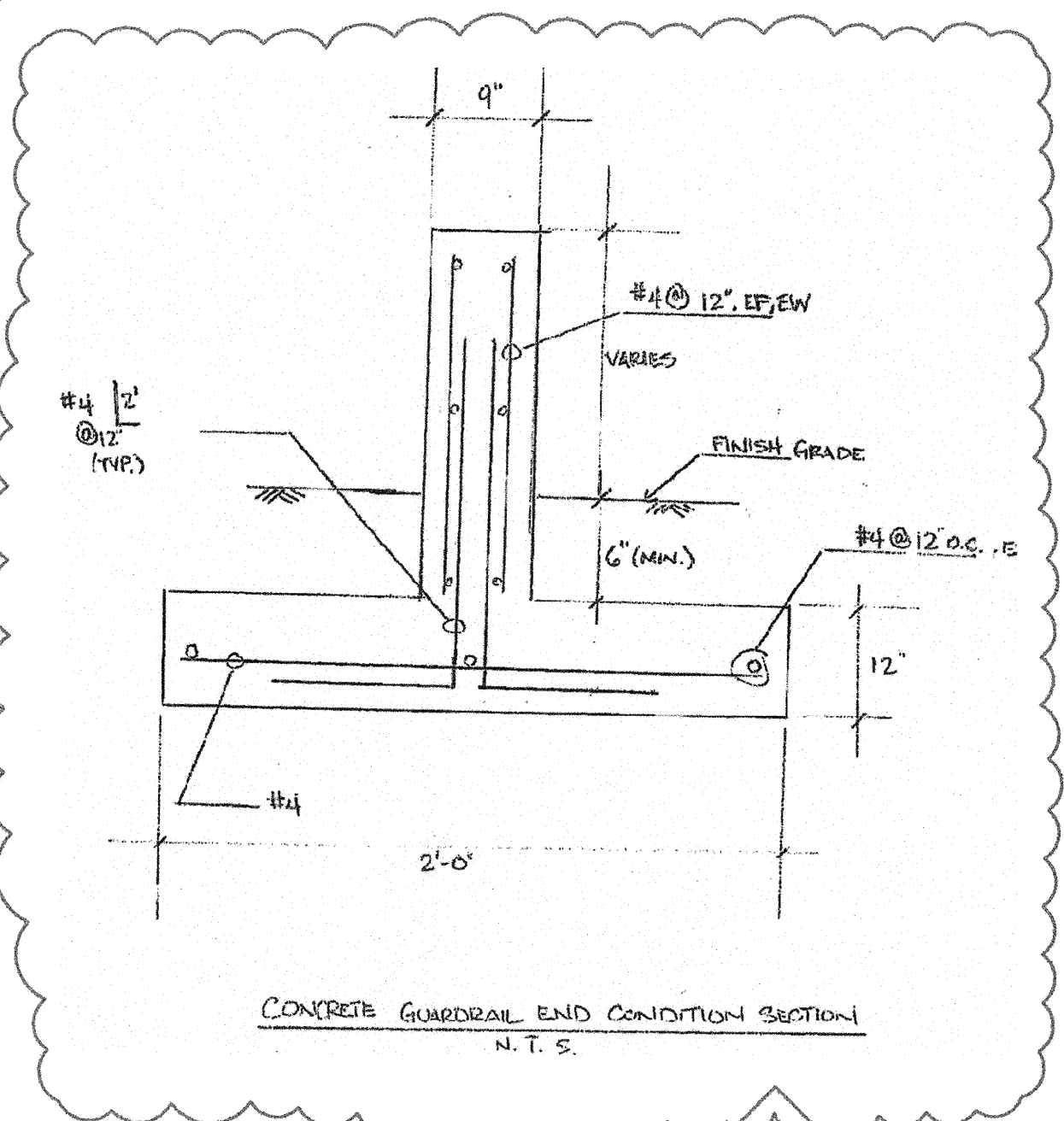


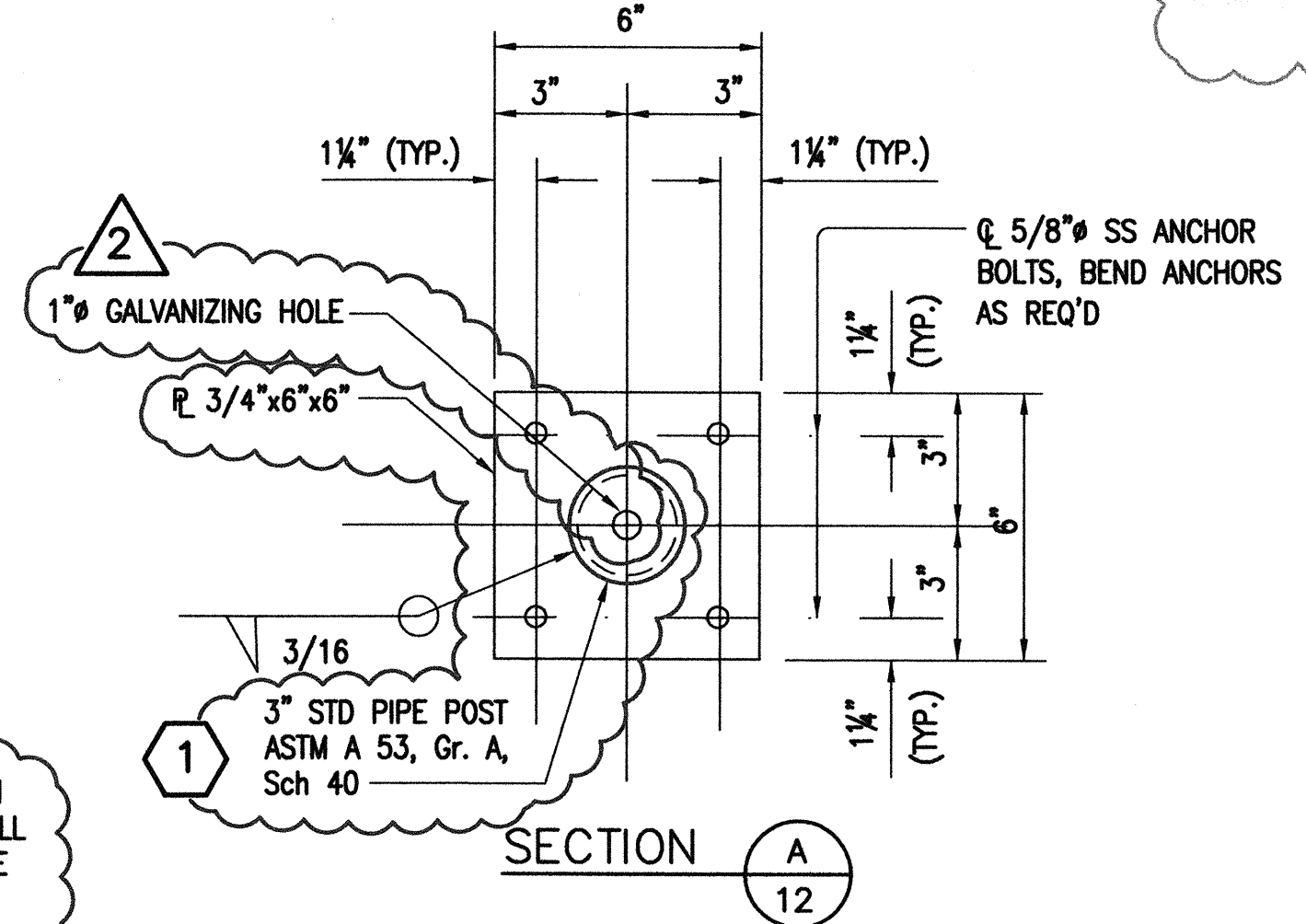
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	STP-083-1(45)	2000	C.O. ADD. 12	39



TYPICAL SECTION

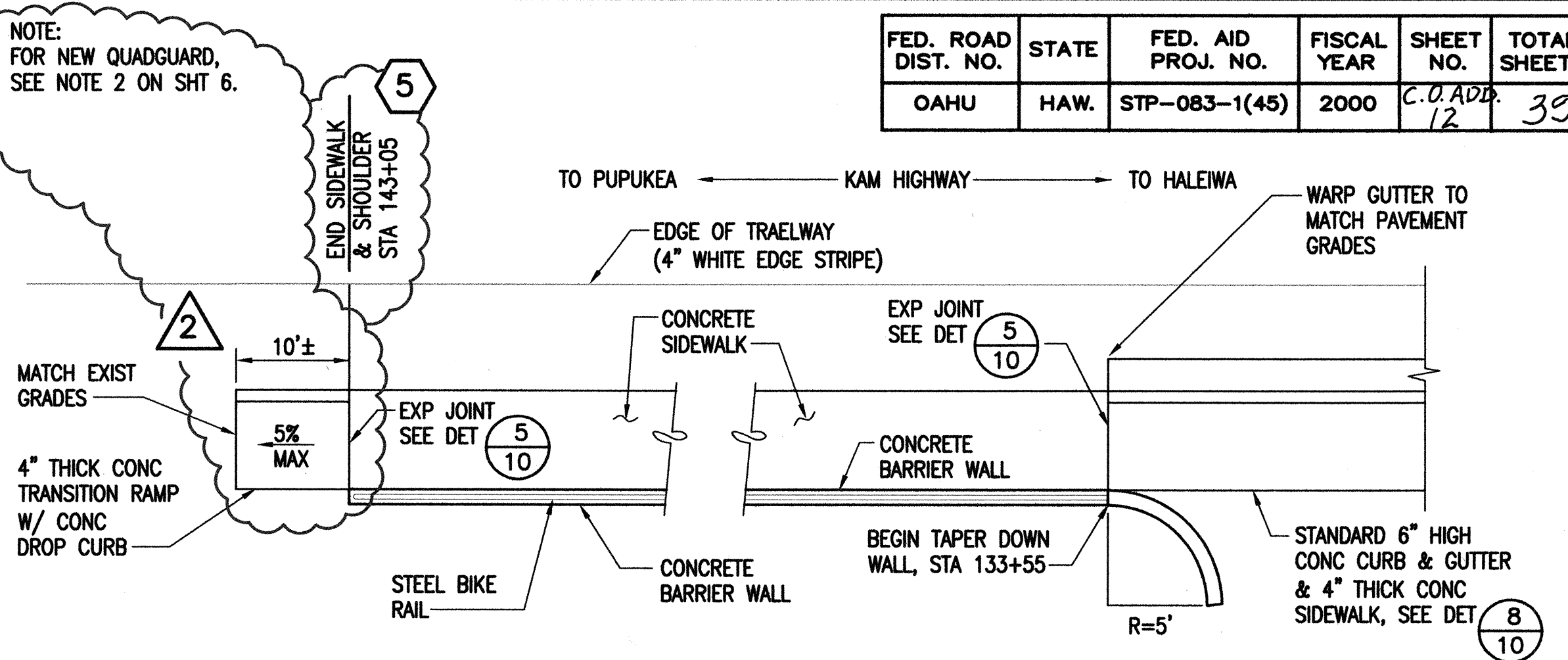


CONCRETE GUARDRAIL END CONDITION SECTION
N.T.S.

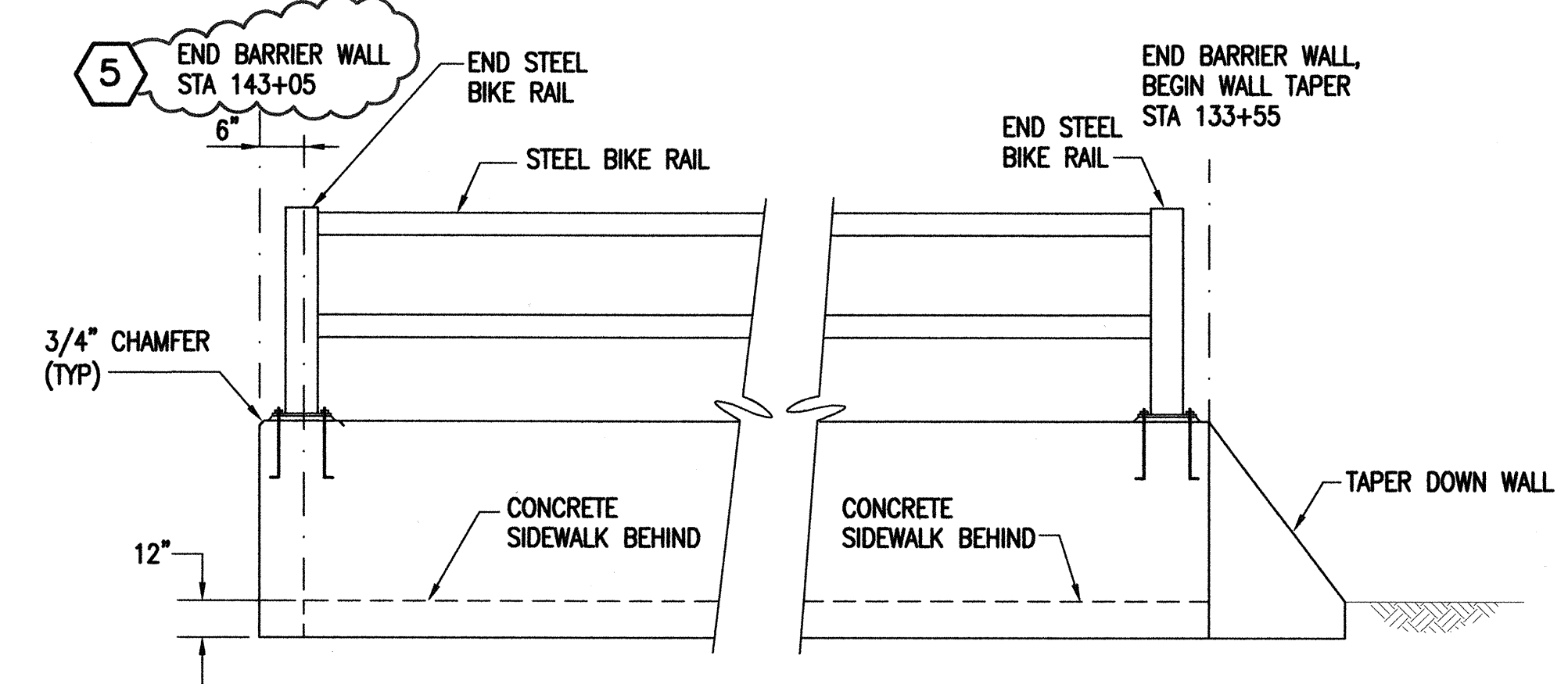


SECTION A
12

1-31-02	"AS-BUILT"	A
5-9-00	REVISION	5
4-13-00	REVISION	1
4-7-00	ADDENDUM	2
DATE	REVISION	



PLAN

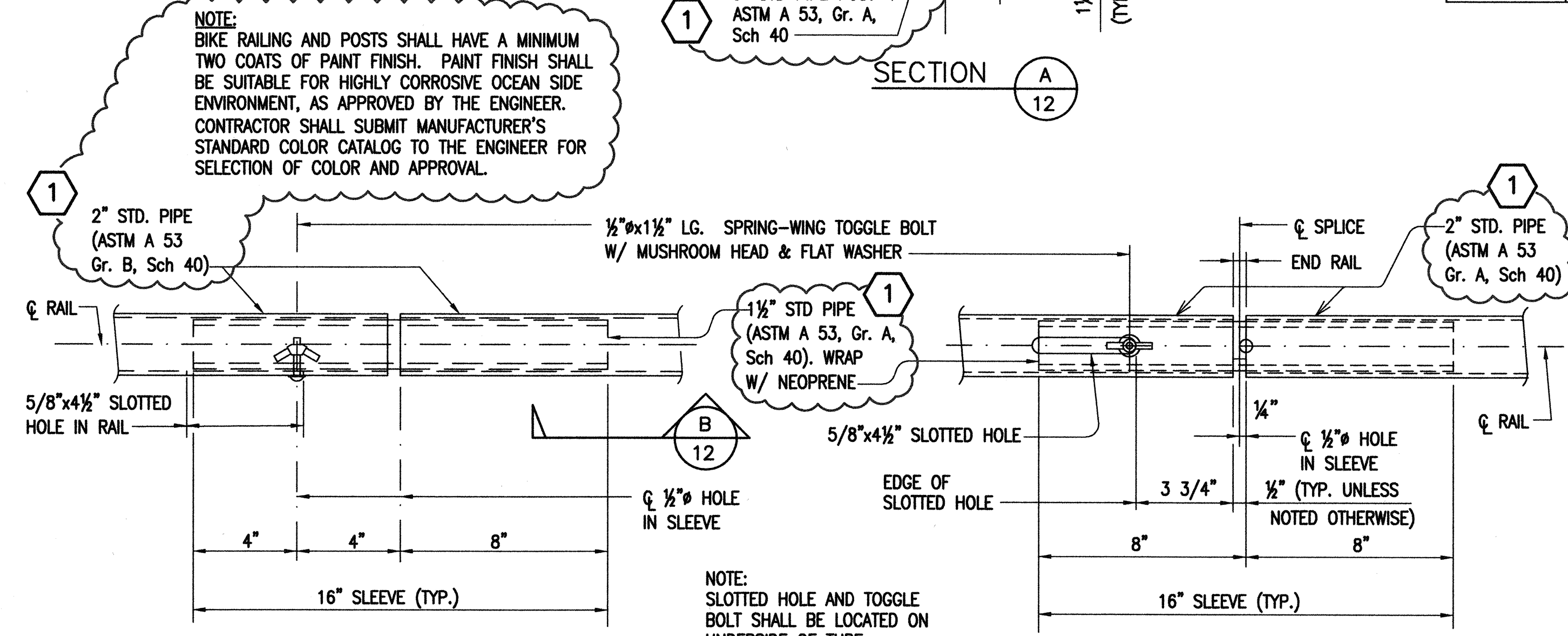


ELEVATION

CONCRETE GUARD RAIL END CONDITION

NOT TO SCALE

2
12



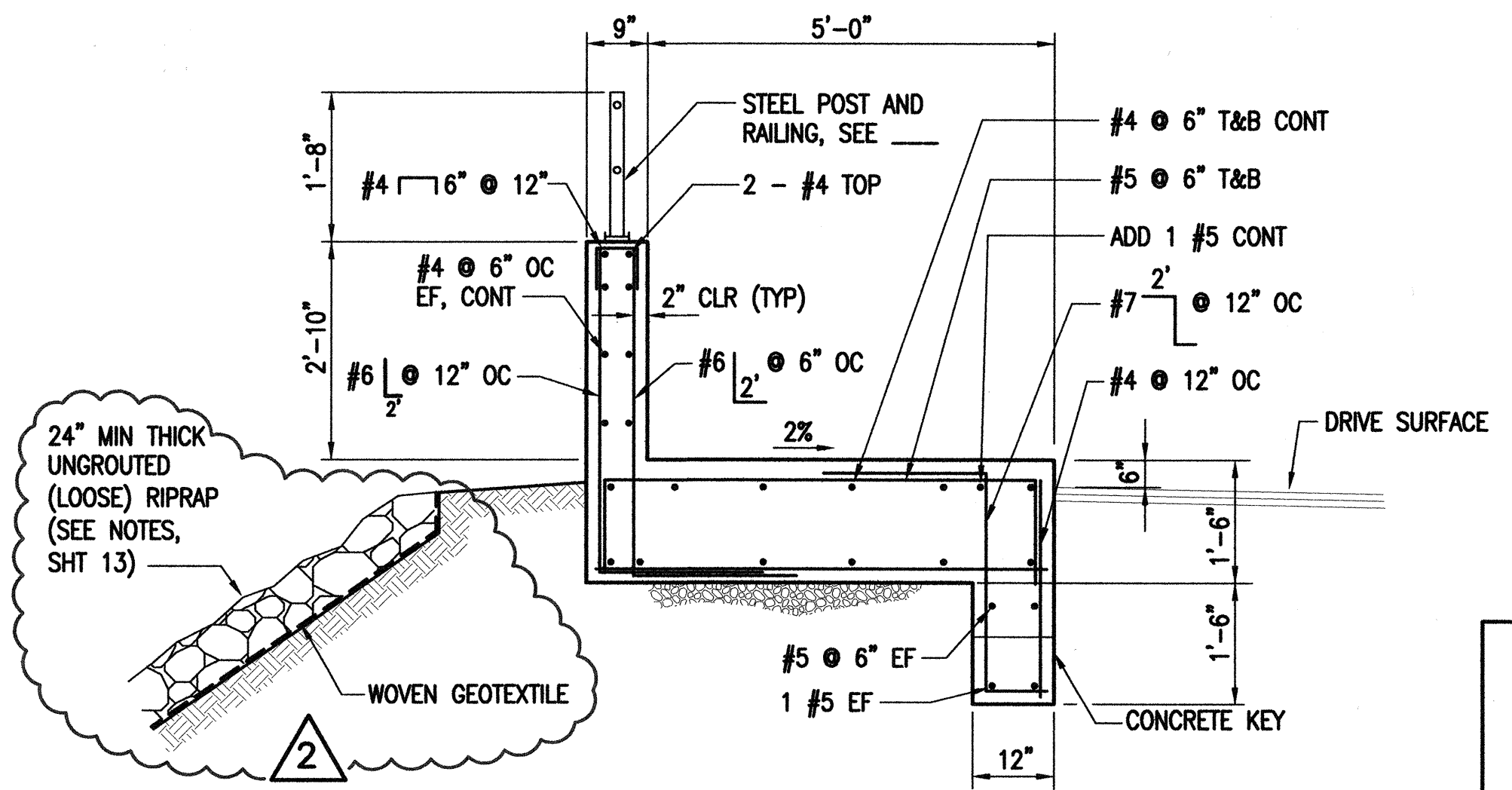
RAIL ELEVATION

RAIL SECTION B
12

STEEL BIKE RAIL AND POST DETAIL

SCALE: 3" = 1'-0"

1
12



CONCRETE SIDEWALK/BARRIER @ EMBANKMENT

NOT TO SCALE

3
12

EARTH TECH
700 Bishop Street, Suite 900
Honolulu, HI 96813

QARY T. YAMAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 2997-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
BARRIER WALL/SIDEWALK DETAILS
KAMEHAMEHA HIGHWAY
WAIMEA BAY
EMERGENCY ROCKFALL REMEDIATION
FEDERAL-AID PROJECT NO. STP-083-1(45)
Scale: As Shown Date: April 2000
SHEET No. 12 OF 39 SHEETS

"AS-BUILT"

C.O. ADD. 12

