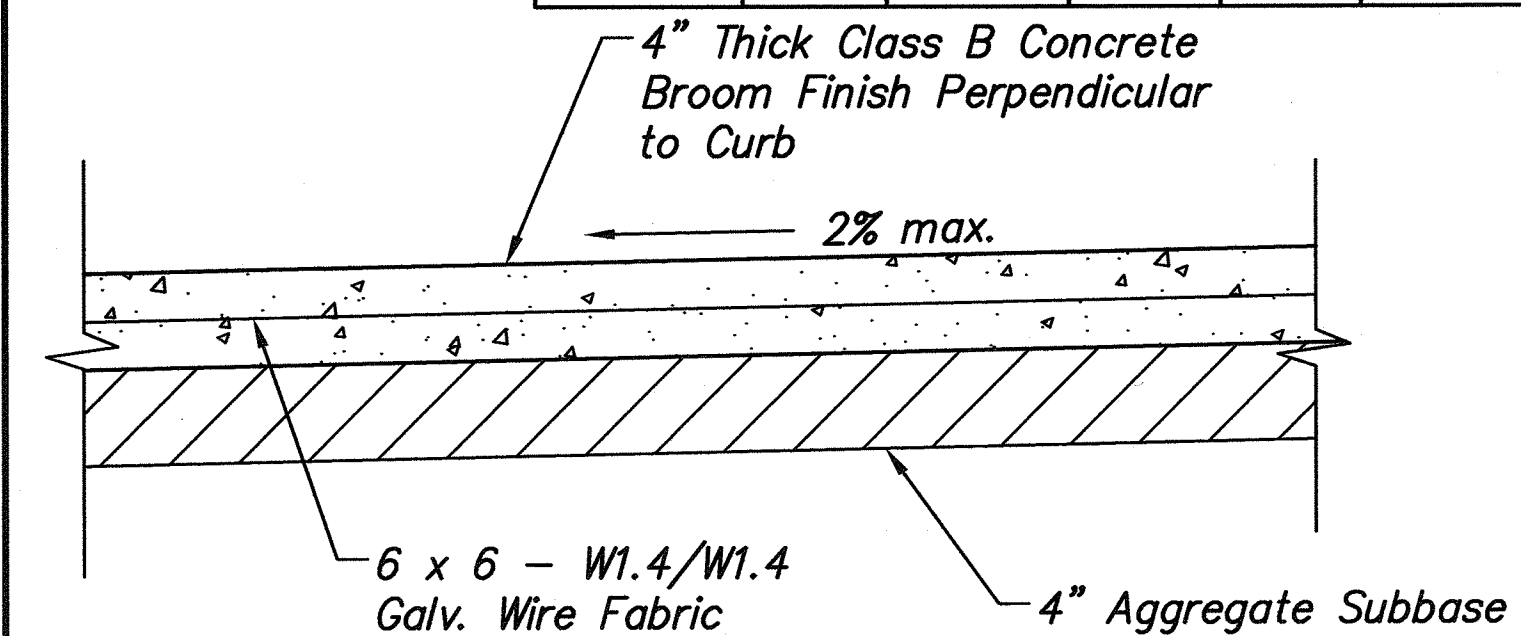
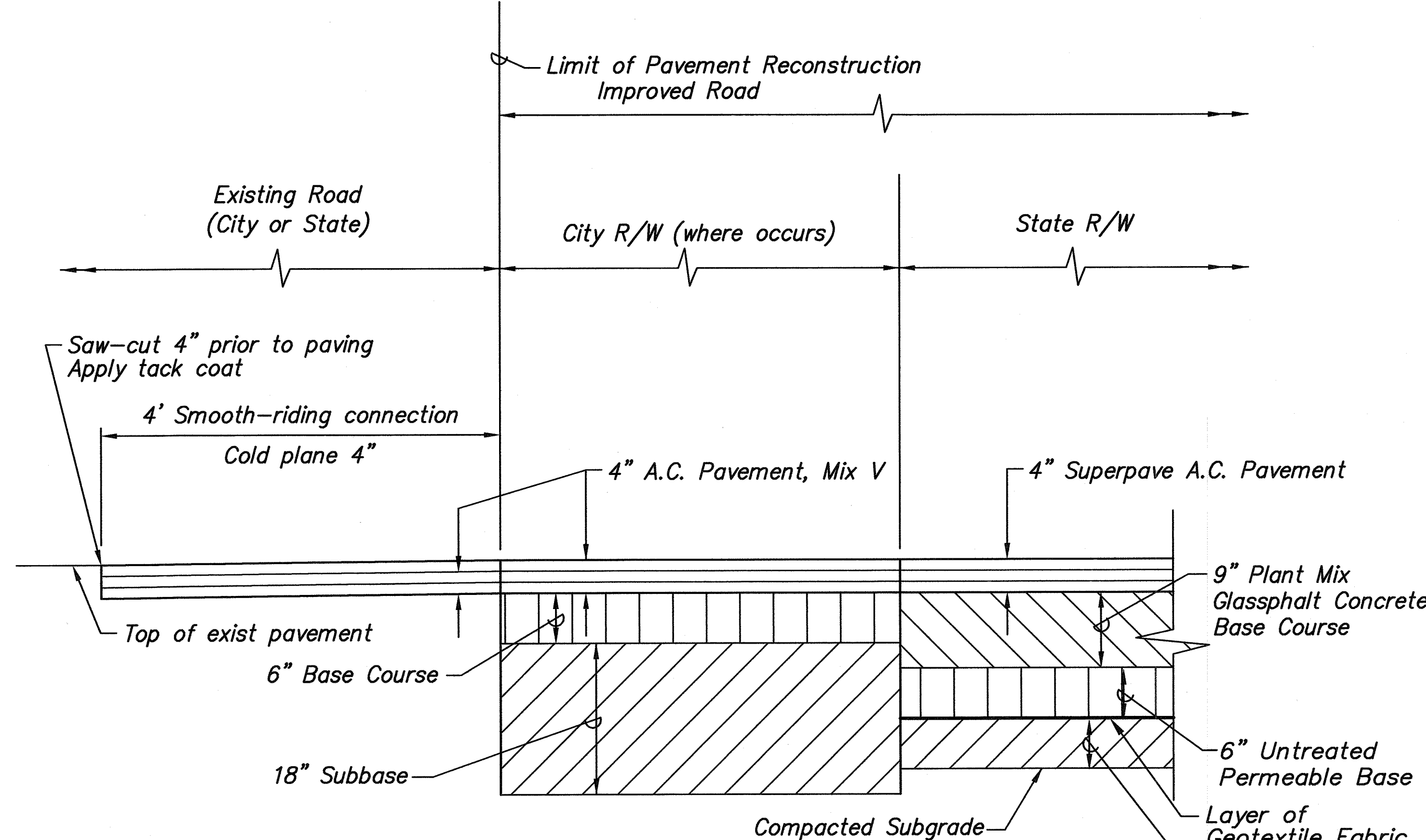


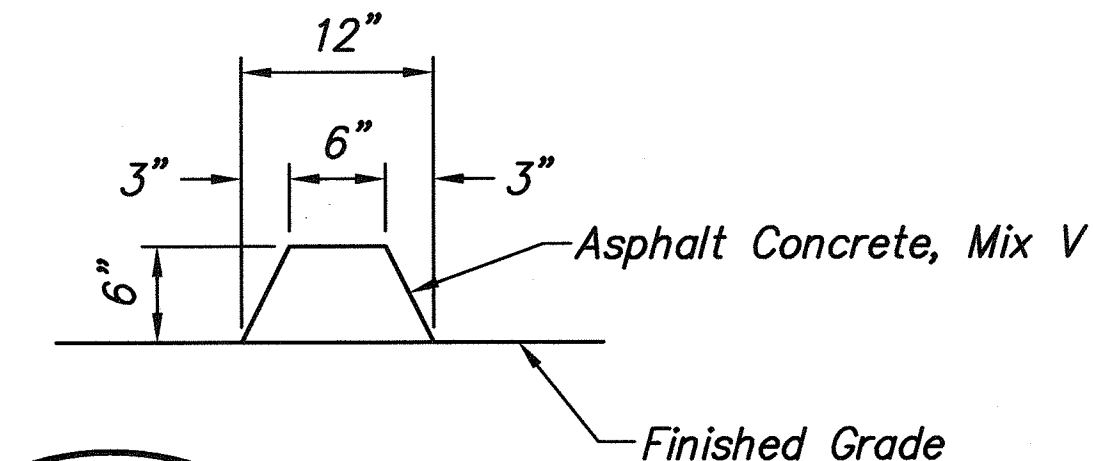
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2003	C.O.18	193



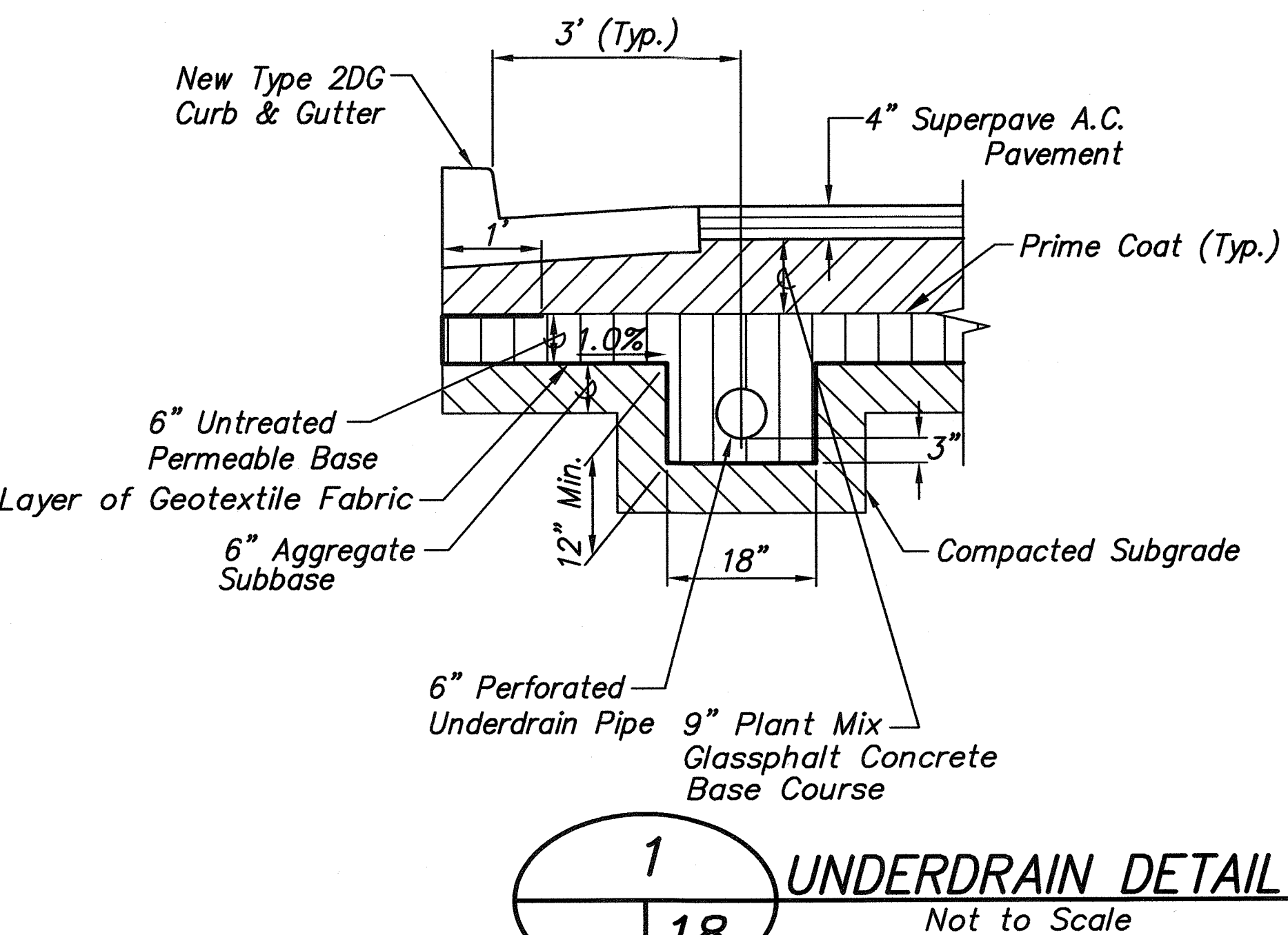
3 TYPICAL SIDEWALK DETAIL
Scale: 1 1/2" = 1'-0"
14, 15, 16, & 17



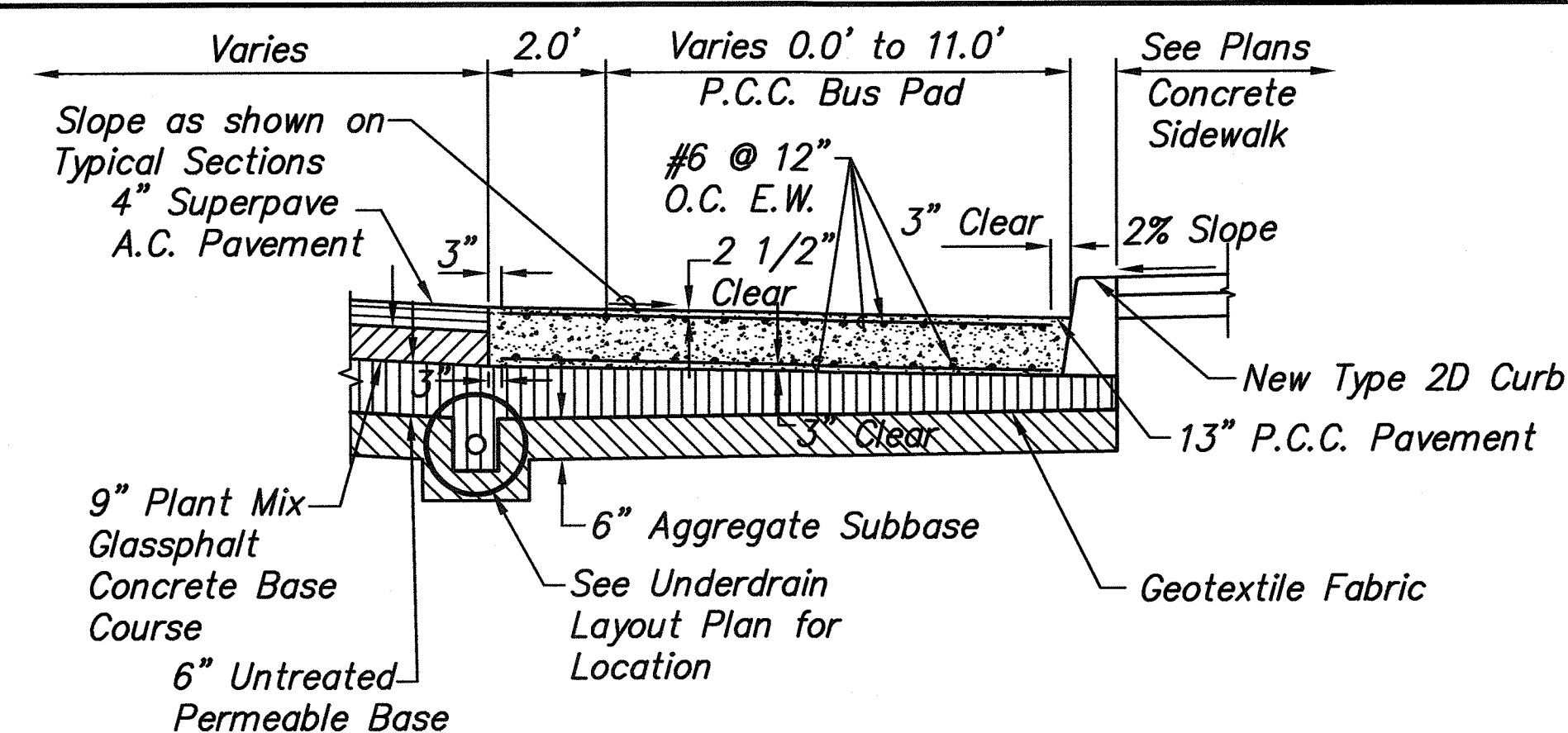
2 TYPICAL SMOOTH-RIDING CONNECTION DETAIL
Scale: 1" = 1'-0"
23, 26, 27, & 28



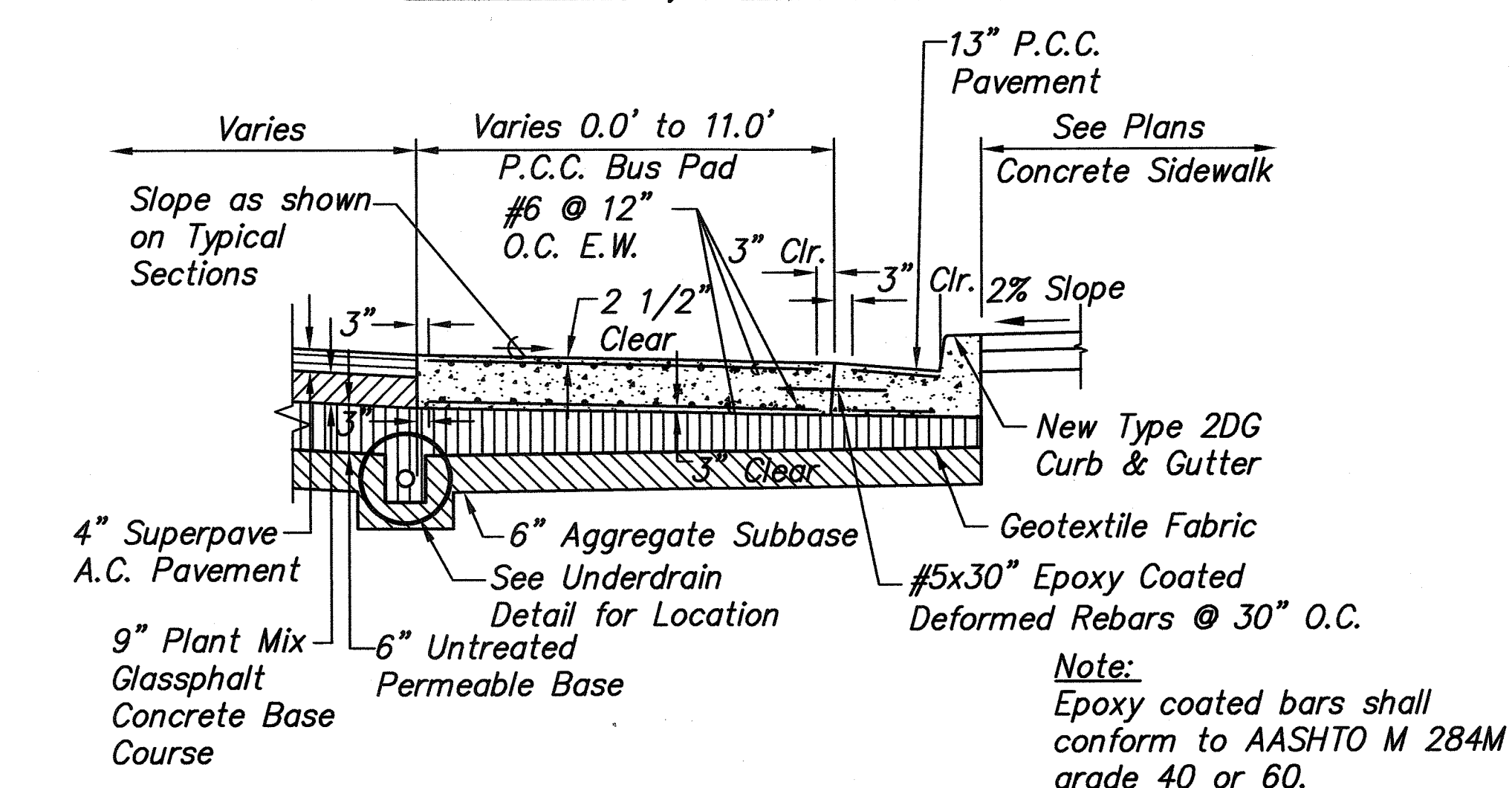
4 A.C. CURB DETAIL
Scale: 1" = 1'
15, 16, 23, 26, 114 & 115



1 UNDERDRAIN DETAIL
Not to Scale
14, 15, 16, & 17

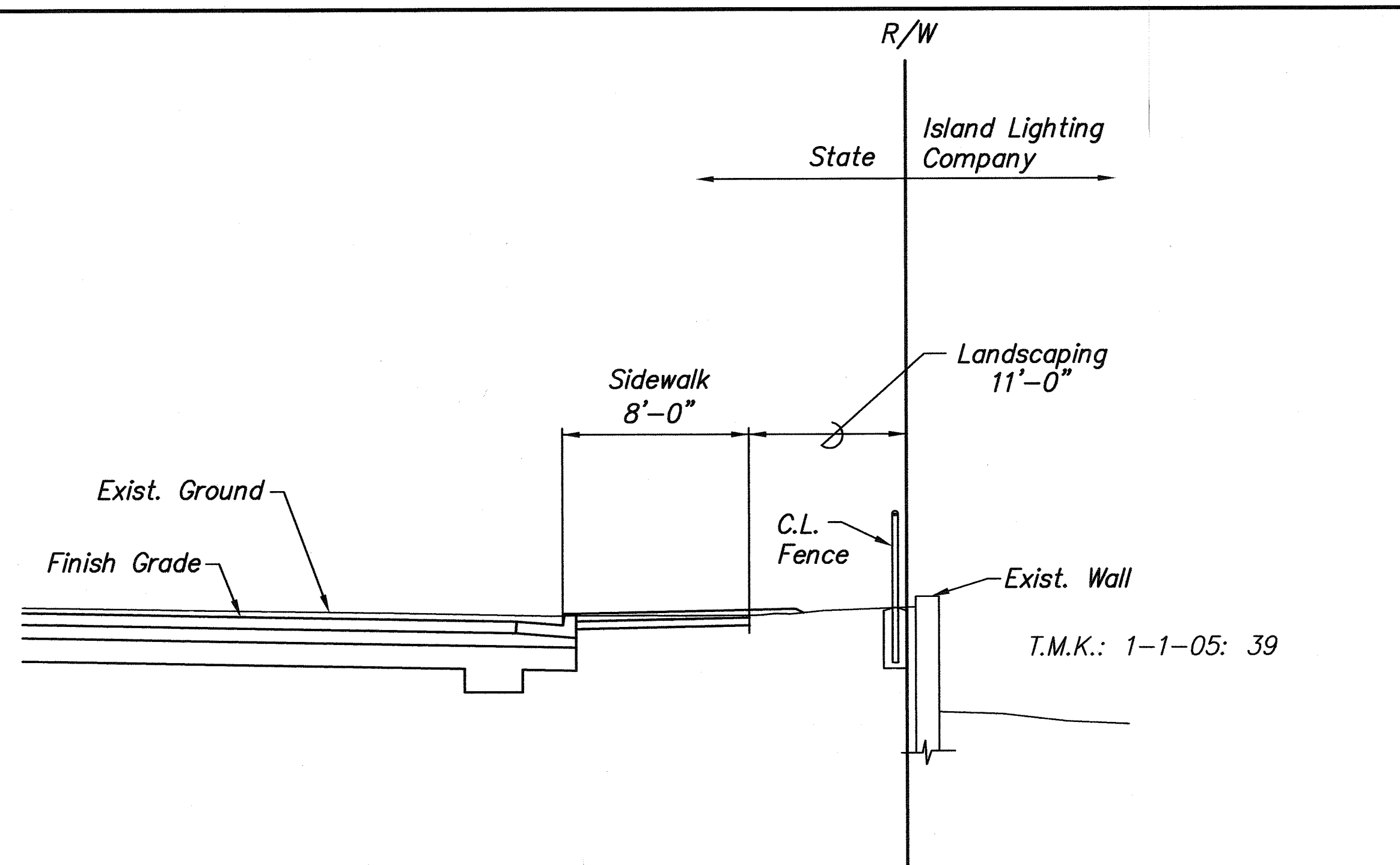


BUS PAD W/TYPE 2D CURB

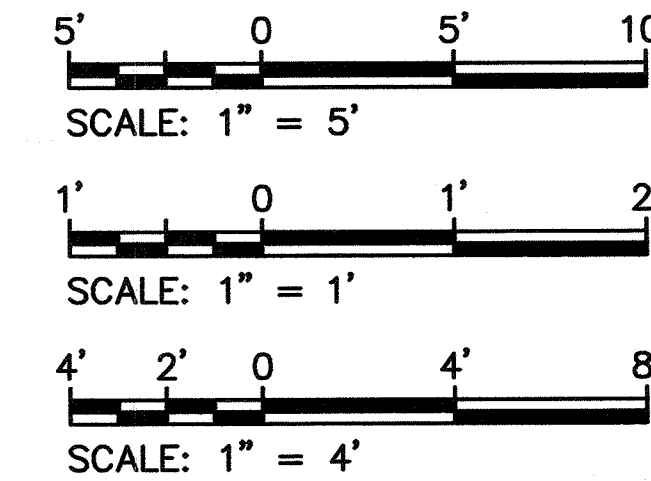


BUS PAD W/TYPE 2DG CURB & GUTTER

5 P.C.C. BUS PAD PAVEMENT DETAIL
Not to Scale
23, 24, & 25



6 SECTION - CHAIN LINK FENCE DETAIL
(Sta. 28+45.48 Rt. to Sta. 28+48.48 L Puuloa Road)
Scale: 1"=5'



APPROVED: *M. J. [Signature]* 7/11/03
Chief, Civil Engineering Branch, D.P.P. (for grading and construction in City R/W only)

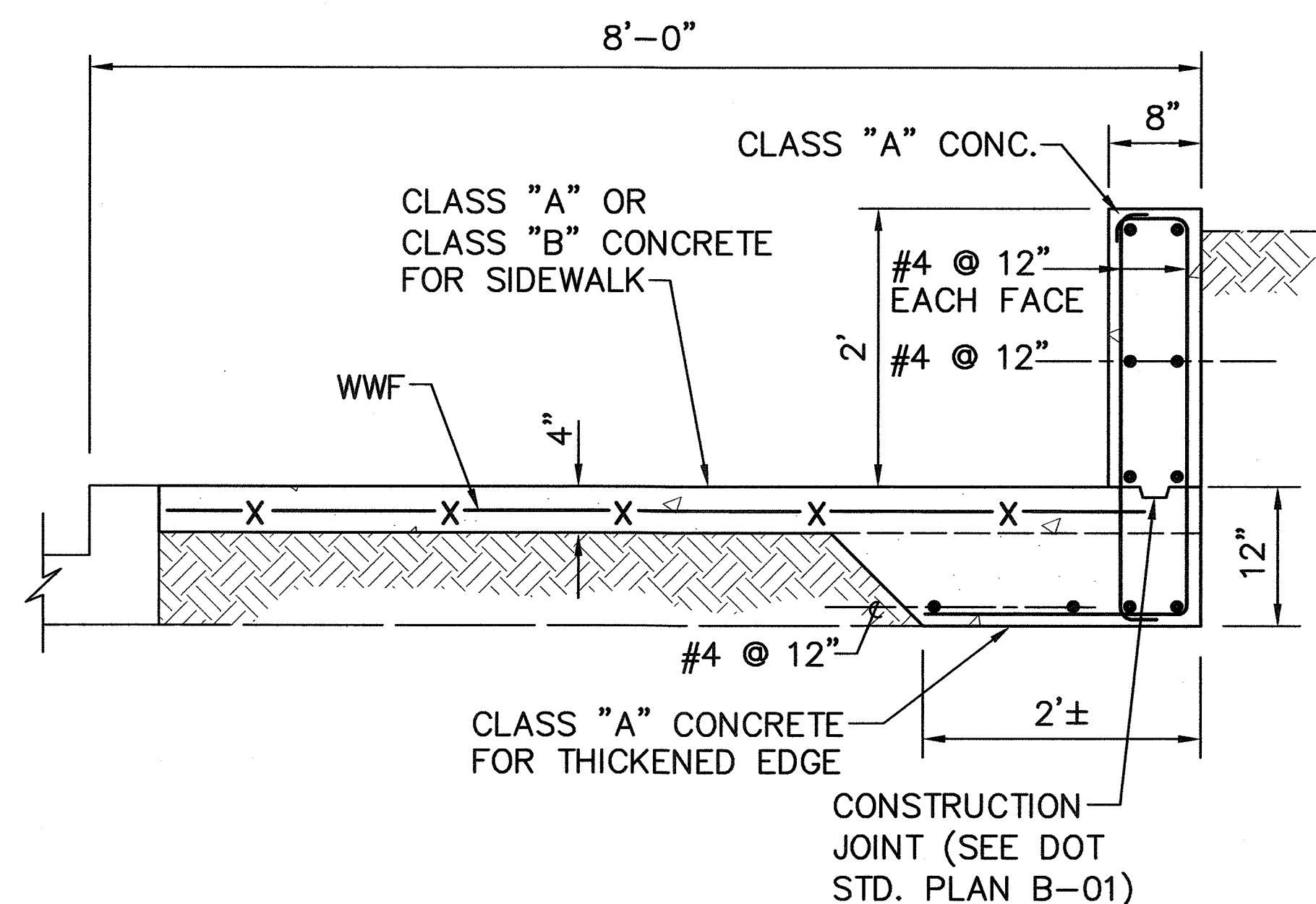
12/02/08	Added C.L. Fence Detail	AA
SYMBOL	DATE	REVISION
MISCELLANEOUS DETAILS PUULOA ROAD IMPROVEMENTS Kamehameha Hwy. to Salt Lake Blvd. Federal Aid Project No. STP-7310(1) Scale: As shown Date: May 2003		

SHEET NO. 18 OF 193 SHEETS

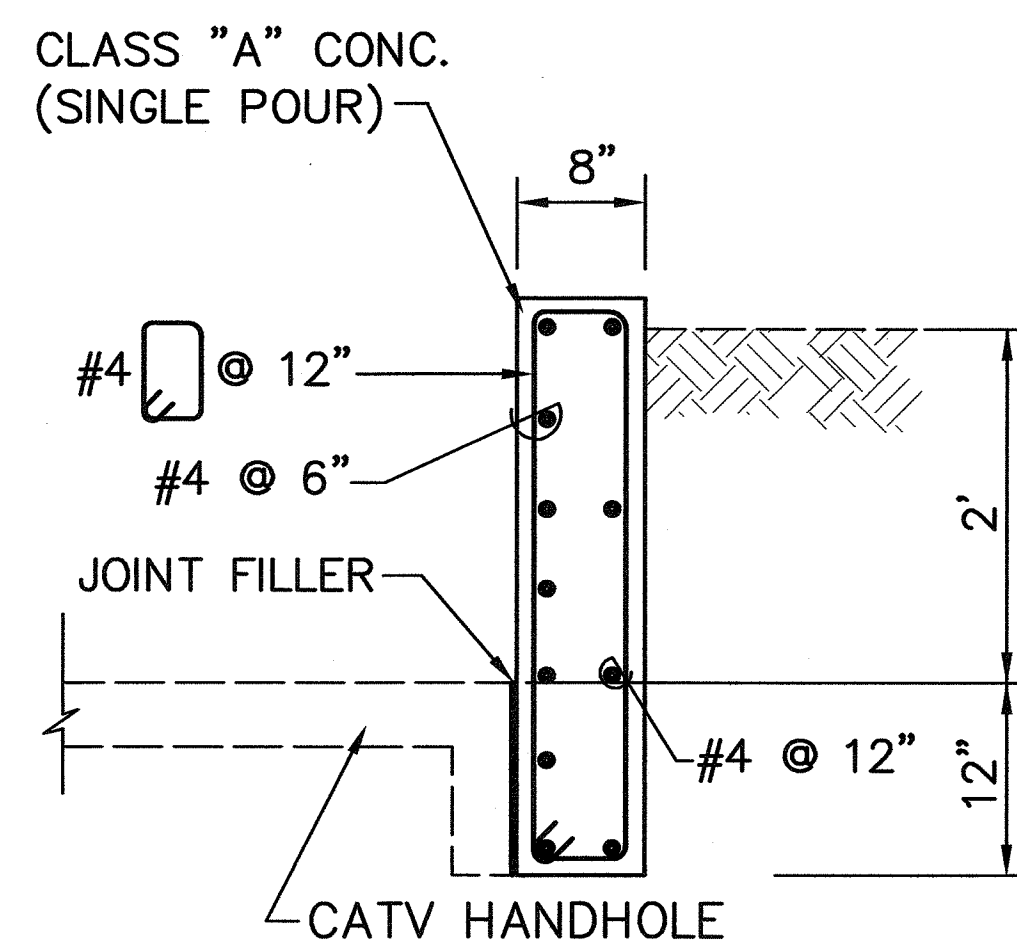
P.M.: STY
CURRENT: OPR: r9q
PREV: OPR: May 09, 2003 - 3:28pm
LAST MODIFIED: Fri, 09 May 2003 - 3:28pm
LAST SAVED BY: rki
SCALE: 1=1

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO.	

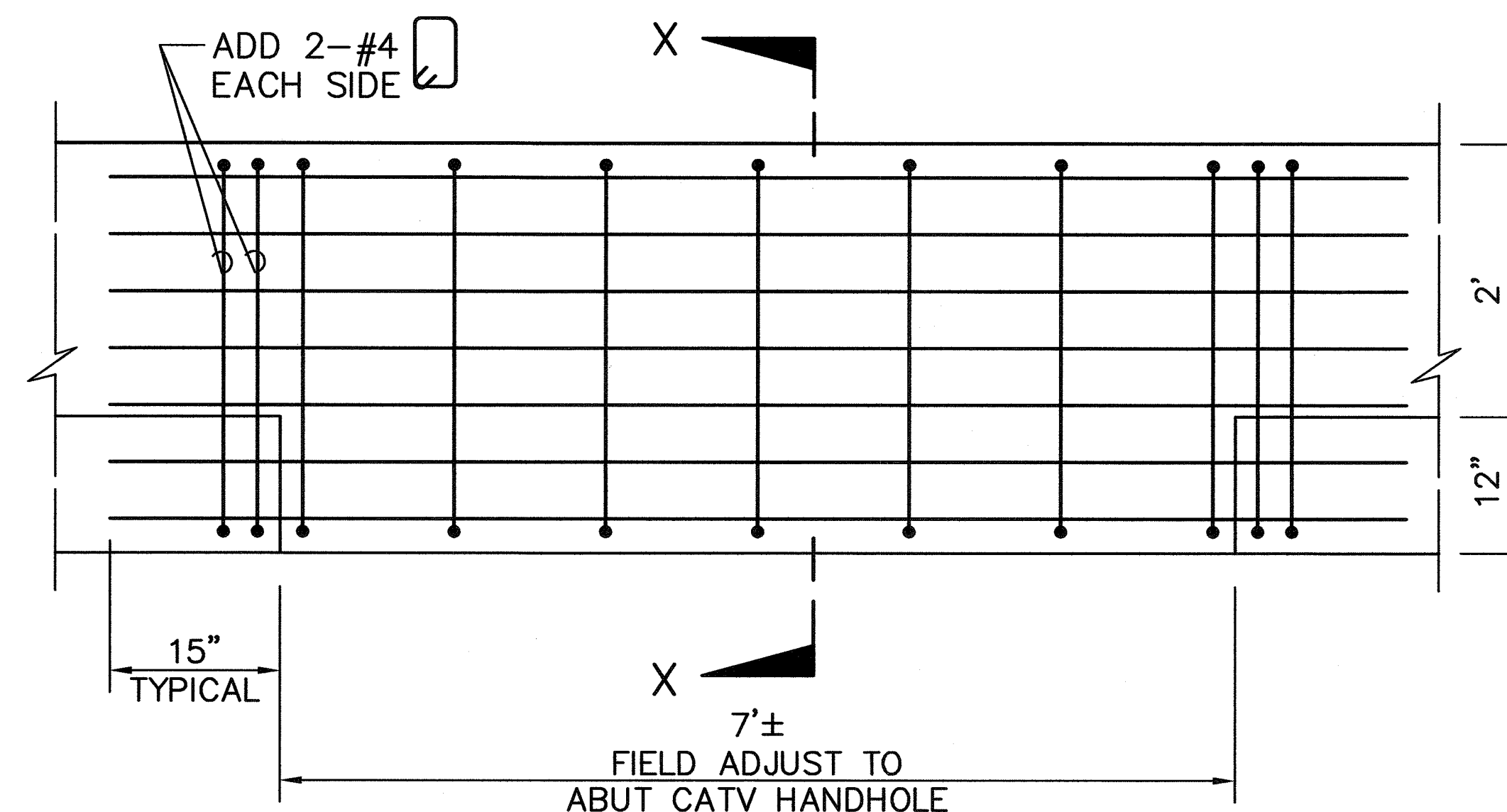
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-7310(1)	2001	C.O.18 S-1	193



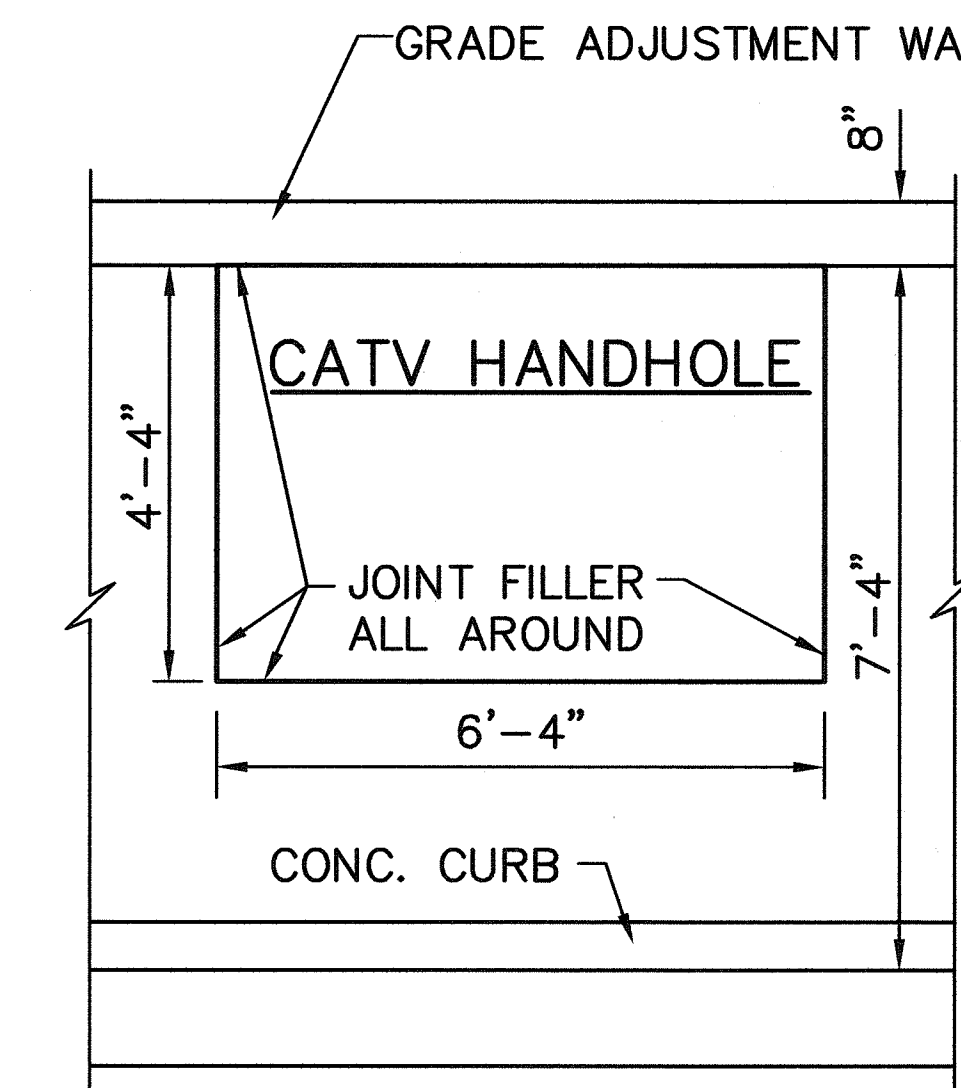
TYPICAL DETAIL - TYPE "D"
SCALE: 1" = 1'-0"



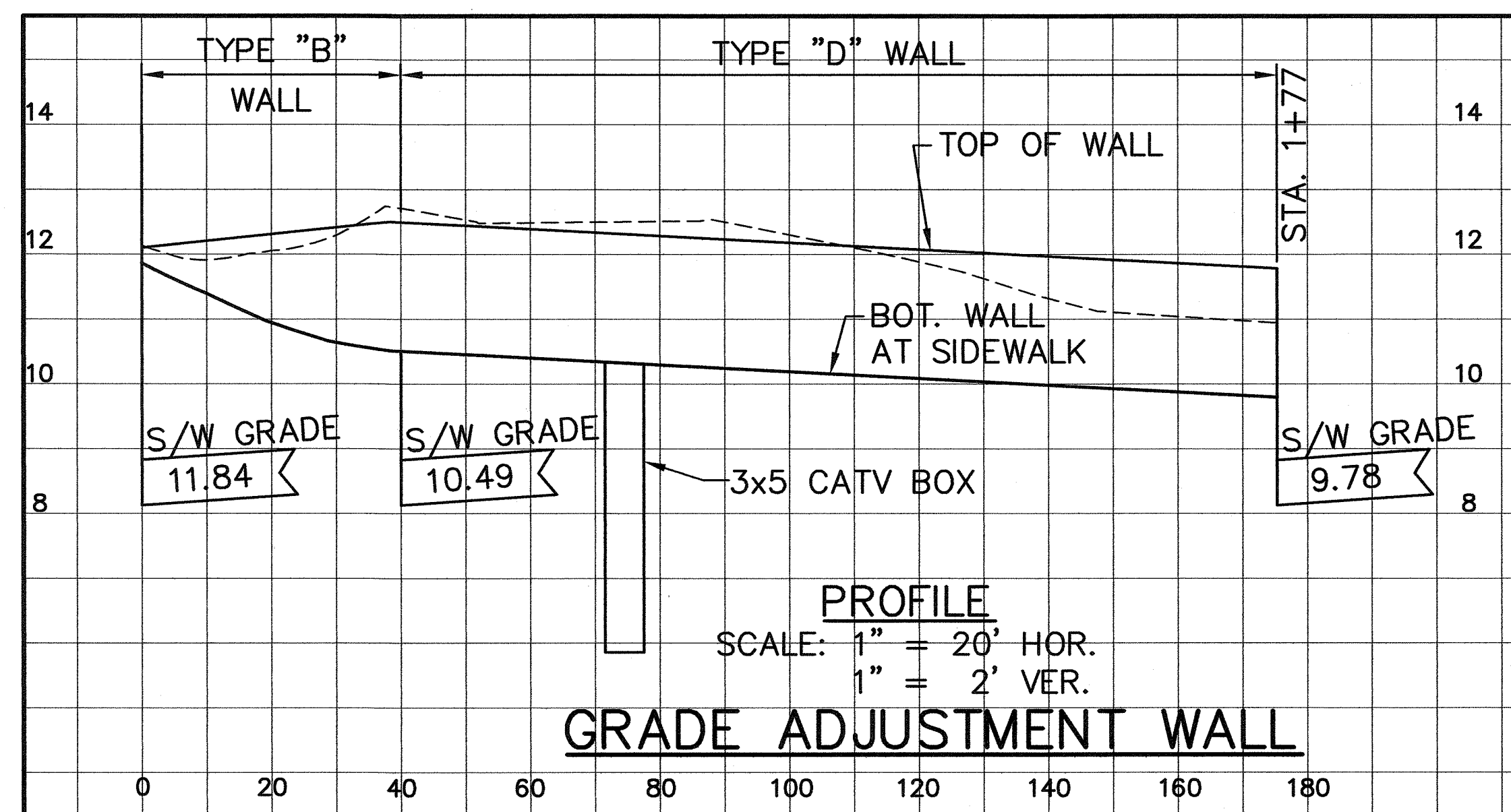
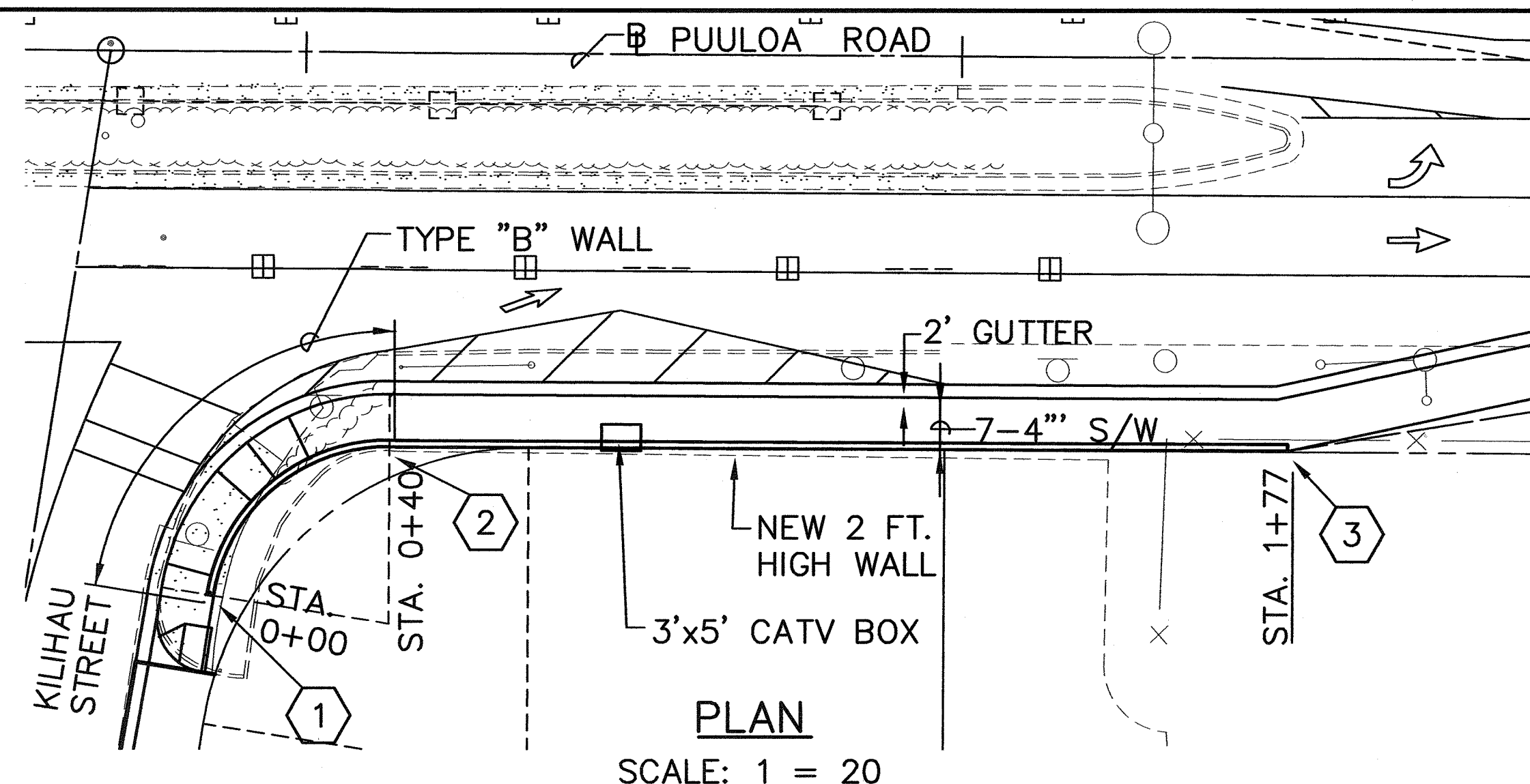
SECTION "X-X"
SCALE: 1" = 1'-0"



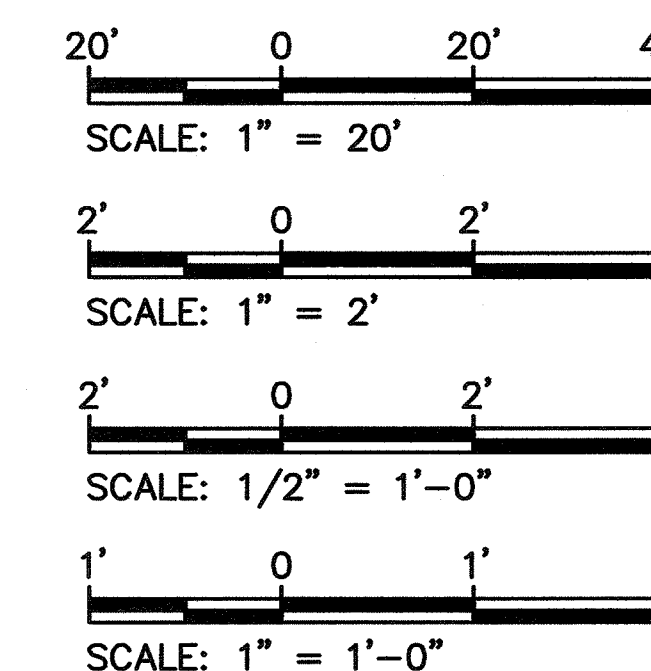
ELEVATION
SCALE: 1" = 1'-0"



PLAN - CATV HANDHOLE
SCALE: 1/2" = 1'-0"



- 1 STA. 2+85.3 O/S 82.8' RT.
PUULOA ROAD
= STA. 0+00 NEW WALL
BEGIN TYPE "B" GRADE
ADJUSTMENT WALL (WITH RAILING)
TOP WALL ELEV. = 12.10
SEE SHEET S3
- 2 STA. 3+12.97 O/S 60' RT.
PUULOA ROAD
= STA. 0+40 NEW WALL
END TYPE "B" GRADE ADJUSTMENT
WALL (WITH RAILING)
BEGIN TYPE "D" GRADE ADJUSTMENT
WALL (WITH RAILING)
SEE DETAIL ON THIS SHEET
PROVIDE JOINT FILLER BETWEEN WALLS.
TOP WALL ELEV. = 12.50
- 3 STA. 4+50 O/S 60' RT.
PUULOA ROAD
= STA. 1+77 NEW WALL
END TYPE "D" GRADE ADJUSTMENT WALL
TOP WALL ELEV. = 11.78



1	12/02/08	Grade Adjustment Wall Details	AA
SYMBOL	DATE	REVISION	BY
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION GRADE ADJUSTMENT WALL STA. 2+85.3 o/s 82.8 RT. TO STA. 4+50 o/s 60' RT. PUULOA ROAD IMPROVEMENTS Kamehameha Hwy. to Salt Lake Blvd. Federal Aid Project No. STP-7310(1) Scale: As shown Date: Oct. 2007			
SHEET NO.		OF SHEETS	