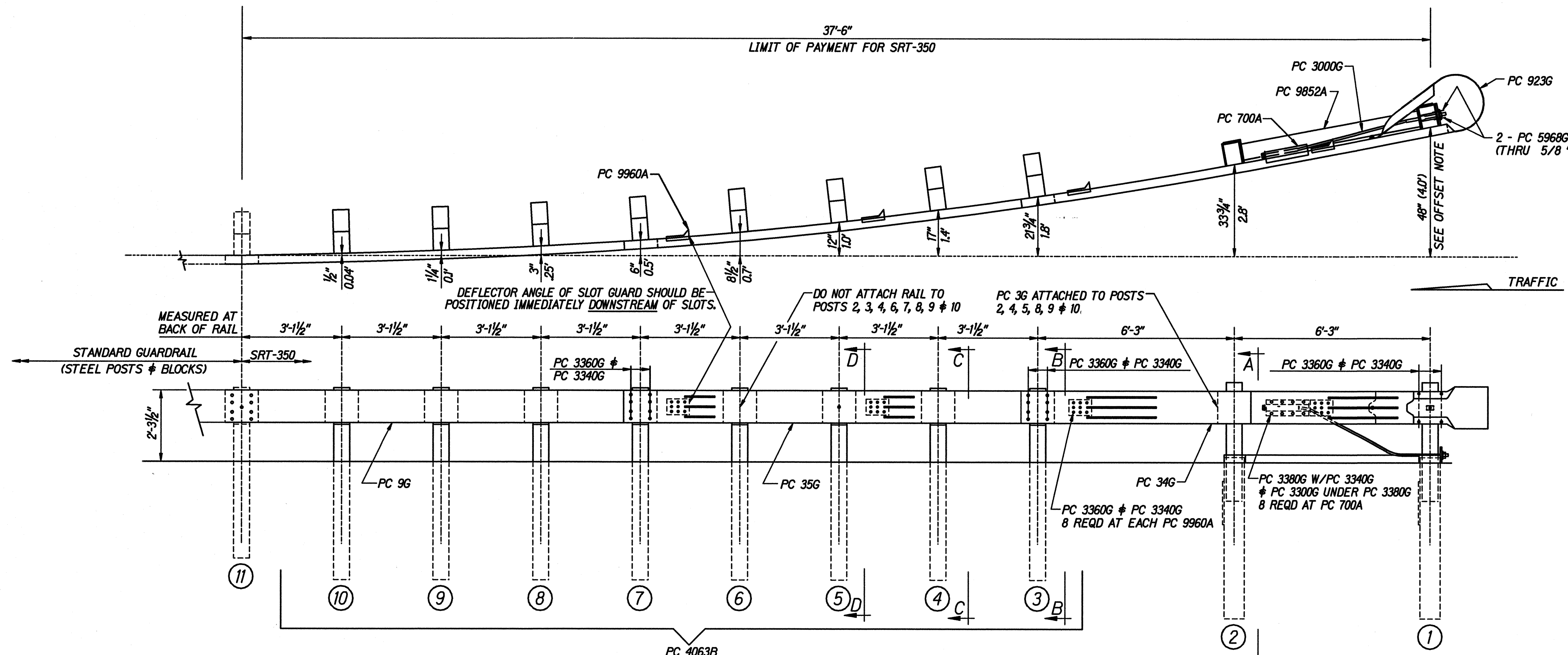
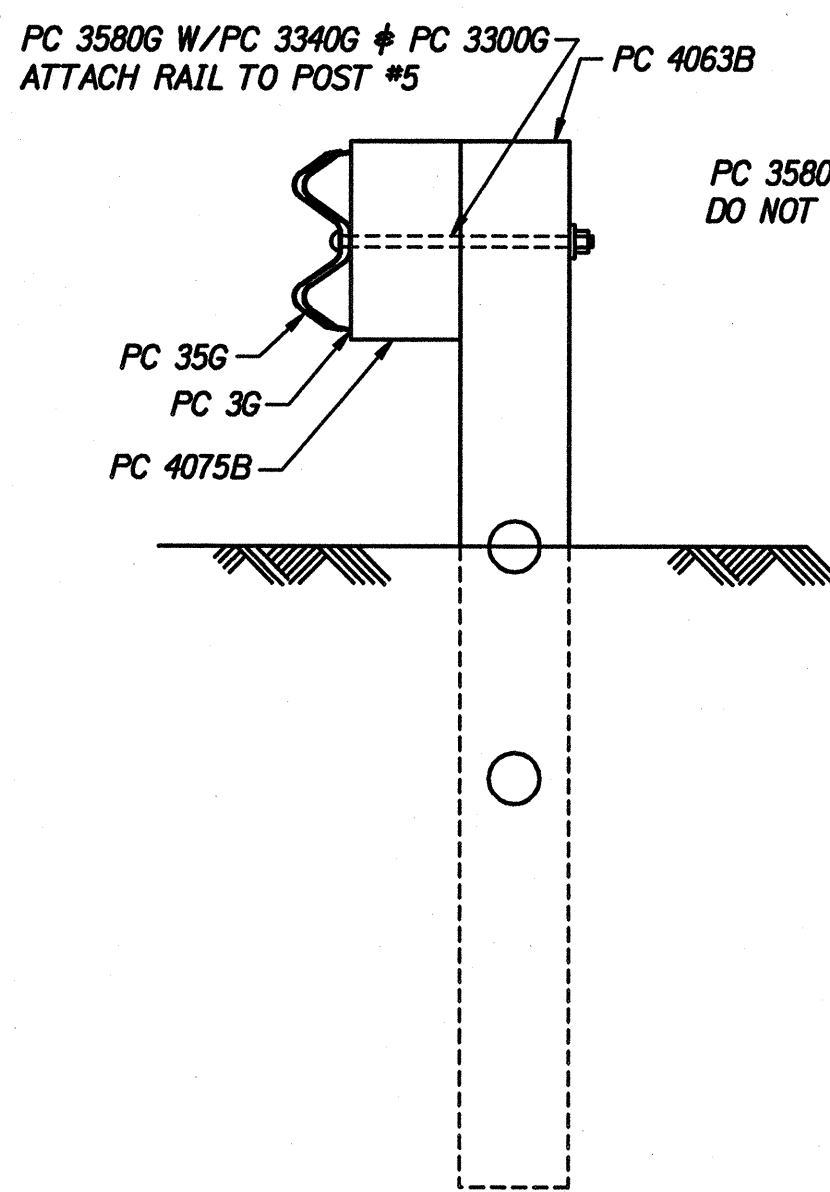
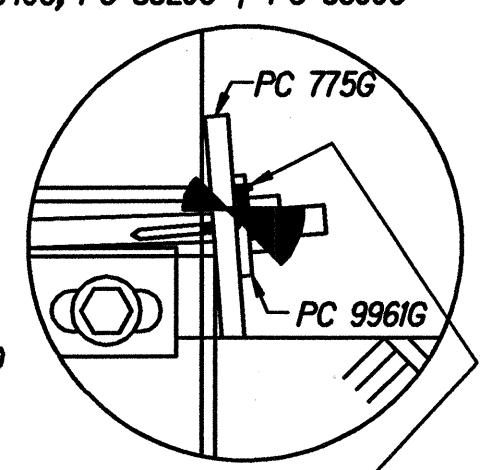
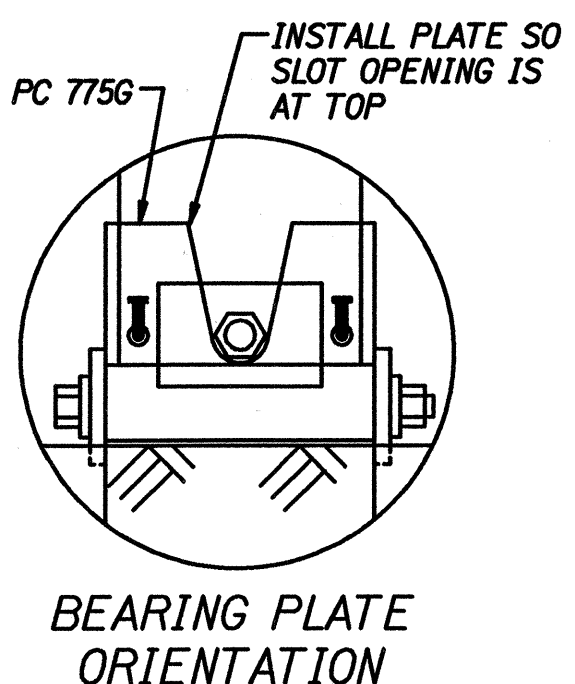


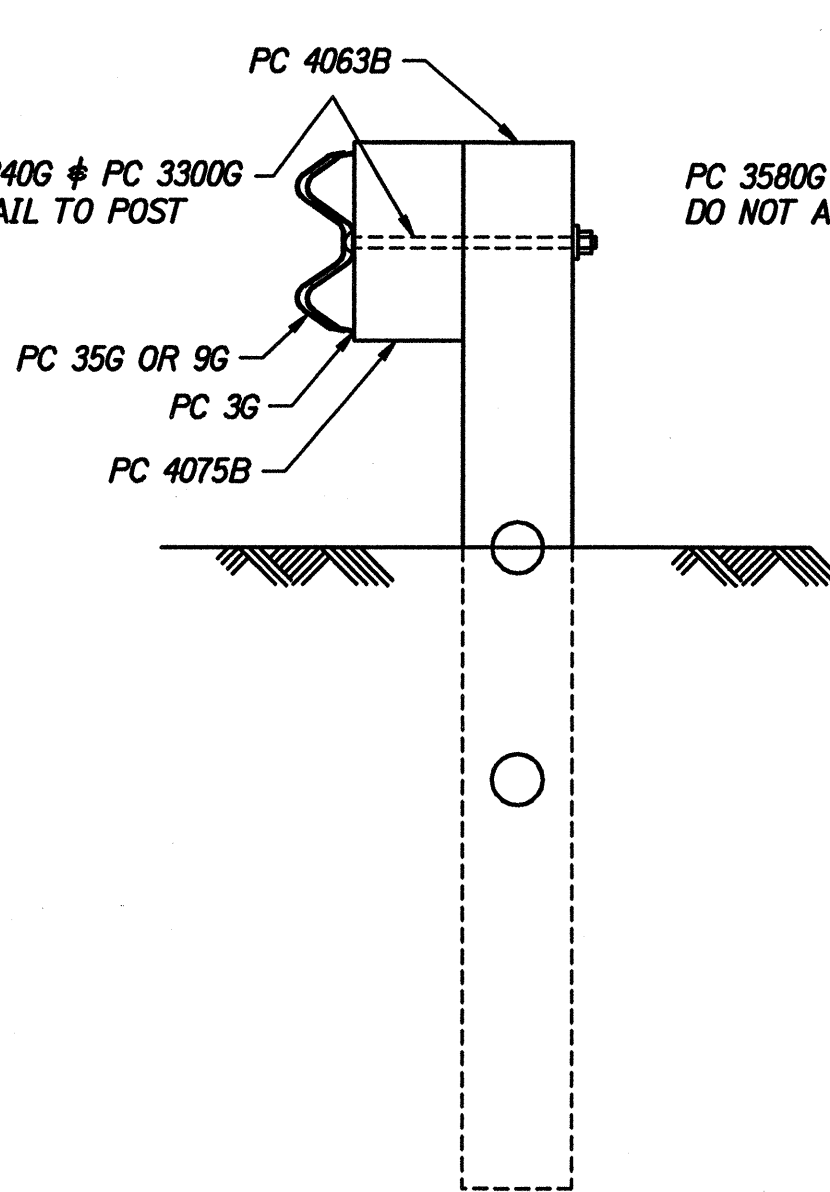


OFFSET NOTE:
THE POST OFFSET DIMENSIONS ARE GIVEN TO THE CENTER OF THE TRAFFIC FACE OF THE BLOCKOUTS, EXCEPT AT THE FIRST TWO POSTS, WHERE THE DIMENSION IS TO THE CENTER OF THE TRAFFIC FACE OF THE POST. OFFSET POINTS ARE TO BE LOCATED BY CHORD MEASUREMENTS AT THE BACK OF THE RAIL EQUAL TO THE NOMINAL POST SPACINGS SHOWN. POSTS ARE TO BE SET APPROXIMATELY RADIAL TO THE RAILING AT EACH POST LOCATION.

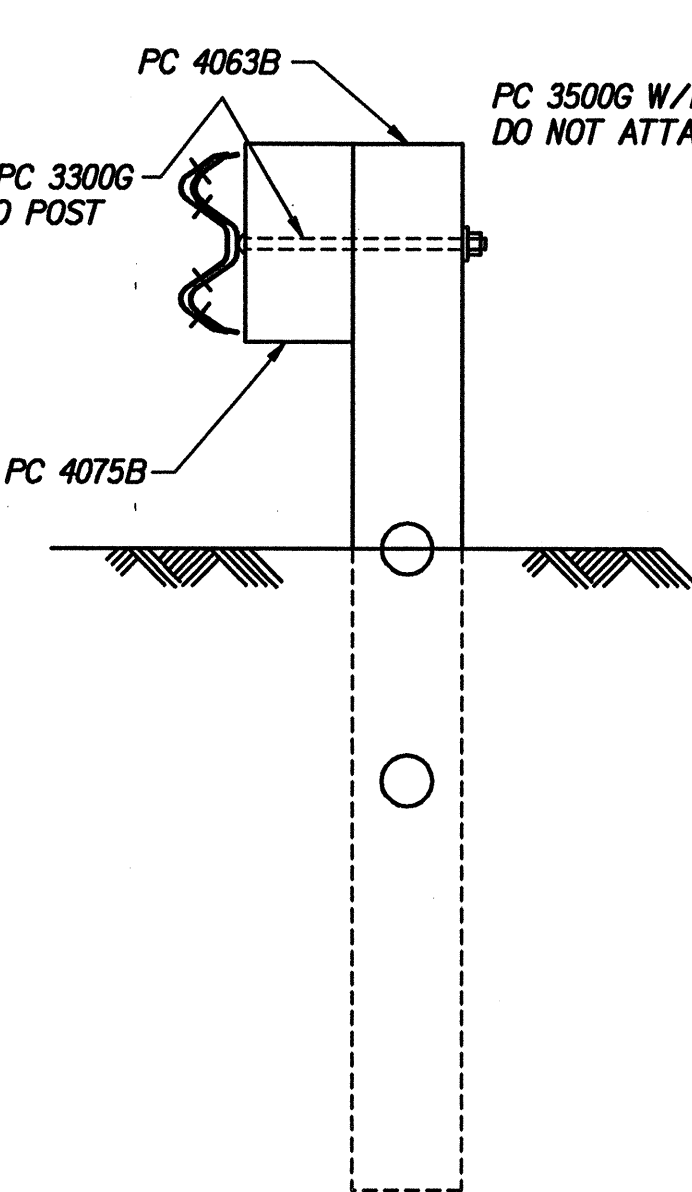
BILL OF MATERIAL		
PC	QTY	DESCRIPTION
3G	7	12/12" BACKUP (GUARDRAIL)
9G	1	12/12" 6/3" S (GUARDRAIL)
34G	1	12/12" S SRT-1 (GUARDRAIL)
35G	1	12/12" 6/3" S SRT-2 (GUARDRAIL)
700A	1	CABLE ANCHOR BRACKET
705G	1	2" x 5 1/2" PIPE
736G	2	5/0 TUBE SLEEVE
766G	2	1/4 x 18 x 24 SOIL PLATE
775G	1	5/8 x 6 x 8 BEARING PLATE
923G	1	12" BARRIER/98" (TERMINAL)
3000G	1	3/4 x 6'6" CABLE
3300G	22	5/8" WASHER
3320G	1	3/4 x 1 1/4 x 3 WASHER
3340G	77	5/8" HEX NUT
3360G	53	5/8" x 1 1/4" SPLICE BOLT
3380G	8	5/8" x 1 1/2" HEX HD BOLT
3478G	4	5/8" x 7 1/2" HEX HD BOLT
3497G	2	5/8" x 9 1/2" HEX HD BOLT
3500G	2	5/8" x 10" POST BOLT
3580G	8	5/8" x 18" POST BOLT
3900G	1	1" WASHER
3910G	2	1" HEX NUT
4063B	8	6'0" POST 6 x 8
4075B	8	14" BLOCK 6 x 8
4147B	2	3' 9" POST 5 1/2 x 7 1/2
5968G	2	16d NAIL SRT
9852A	1	STRUT ASSEMBLY
9960A	4	SLOT GUARD
9961G	1	3/8 x 3 x 4 PLATE WASHER



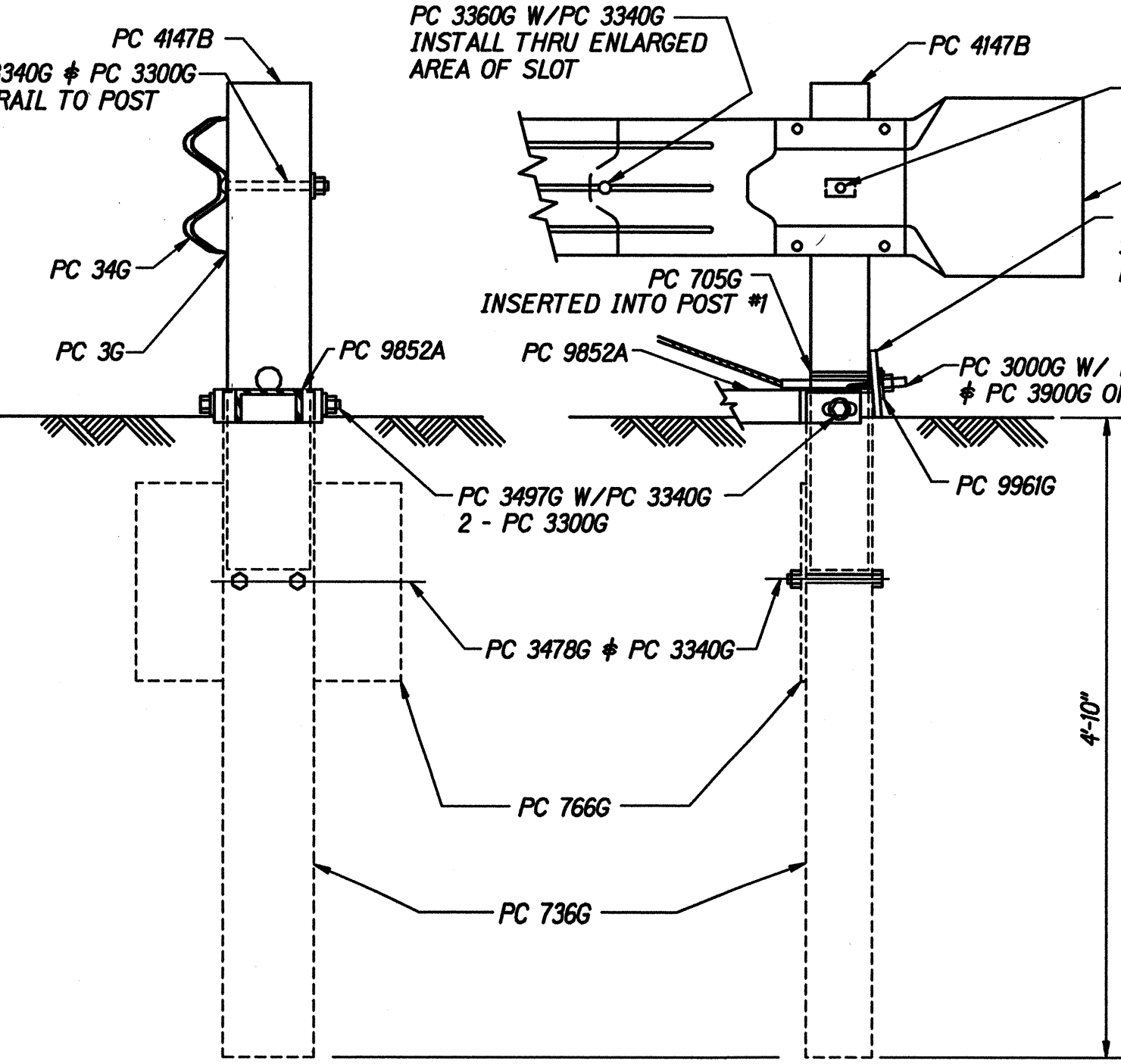
SECTION "D-D"
(@ POST #5)



SECTION "C-C"
(@ POSTS #4, #6, #8, #9, #10)



SECTION "B-B"
(@ POSTS #3, #7)



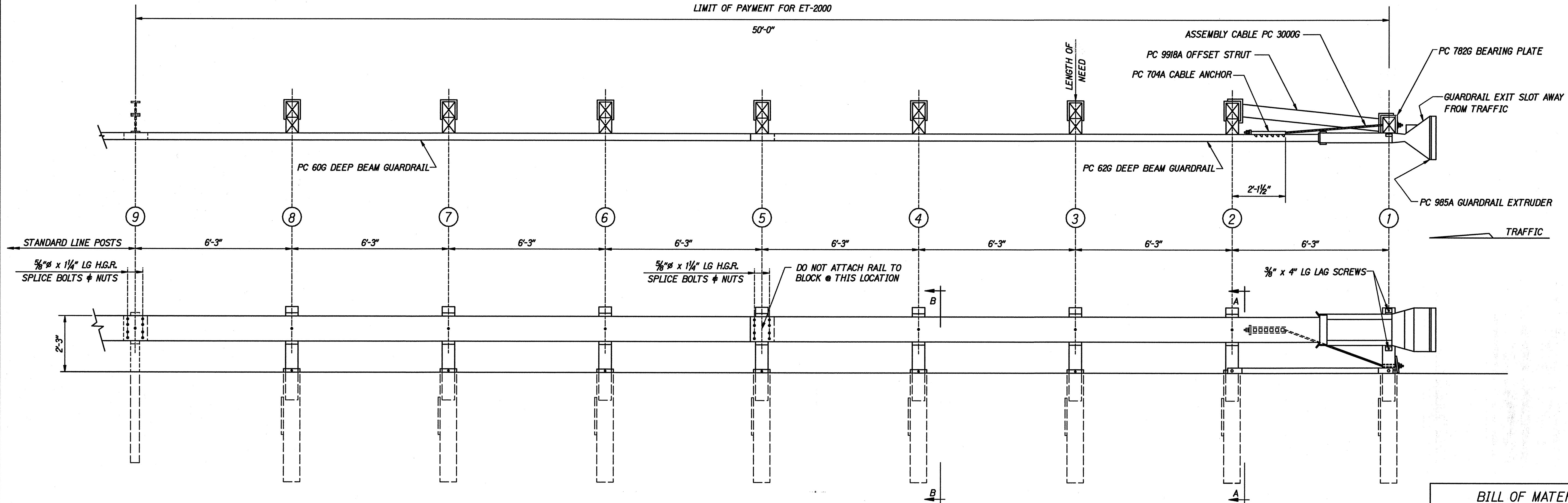
SECTION "A-A"
(@ POST #2)

ENLARGED VIEW @ POST #1

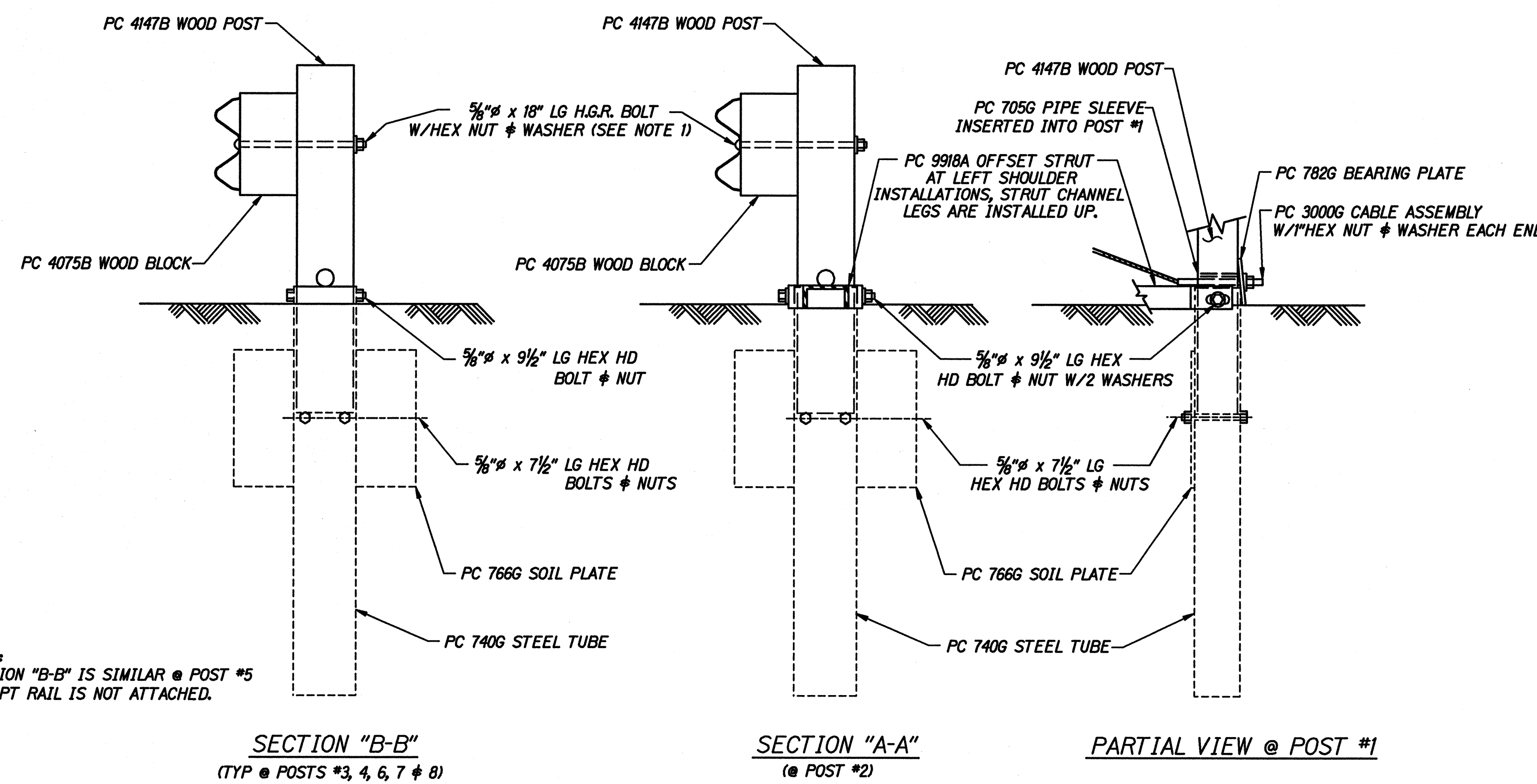
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SRT-350
SLOTTED RAIL TERMINAL
KEA'AU-PAHOA ROAD VICINITY OF
KEA'AU TOWN (KEA'AU BYPASS ROAD)
PROJECT NO. 130B-01-92, PHASE 1
Scale: NTS Date: May, 1997
SHEET No. 1 OF 3 SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
PROJECT NO.	130B-01-92

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-92	1997	45	115



BILL OF MATERIAL		
PC	QTY	DESCRIPTION
60G	1	12/25/63/S (GUARDRAIL)
62G	1	12/25/63/S ANC (GUARDRAIL)
704A	1	CABLE ANCHOR BRACKET
705G	1	2" x 5 1/2" PIPE
740G	8	46 TUBE SLEEVE
766G	8	1/4" x 18" x 24" SOIL PLATE
782G	1	3/8" x 8" x 8" BEARING PLATE
985A	1	ET-2000 EXTRUDER
3000G	1	CABLE 3/4" x 6'
3300G	11	5/8" WASHER
3340G	47	5/8" HEX NUT
3360G	16	5/8" x 1 1/4" SPLICE BOLT
3478G	16	5/8" x 7 1/2" HEX HD BOLT
3497G	8	5/8" x 9 1/2" HEX HD BOLT
3580G	7	5/8" x 18" POST BOLT
3900G	2	1" WASHER
3910G	2	1" HEX NUT
4075B	7	WD BLOCK 1/2 6" x 8" DR
4147B	8	WD 3/9 POST 5 1/2 x 7 1/2
4228G	2	3/8" x 4" LAG SCREW
9918A	1	6'3 STRUT



NOTE: THE 5/8" FLAT WASHER IS USED UNDER THE NUT, BEHIND THE POST ONLY. NO WASHER IS USED AT THE RAIL.

NOTE: SECTION "B-B" IS SIMILAR @ POST #5 EXCEPT RAIL IS NOT ATTACHED.

SECTION "B-B"
(TYP @ POSTS #3, 4, 6, 7 & 8)

SECTION "A-A"
(@ POST #2)

PARTIAL VIEW @ POST #1

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ET-2000
OPTION "A"
KEA'AU-PAHOA ROAD VICINITY OF
KEA'AU TOWN (KEA'AU BYPASS ROAD)
PROJECT NO. 130B-01-92, PHASE 1
Scale: NTS Date: May, 1997

SHEET No. 2 OF 3 SHEETS

