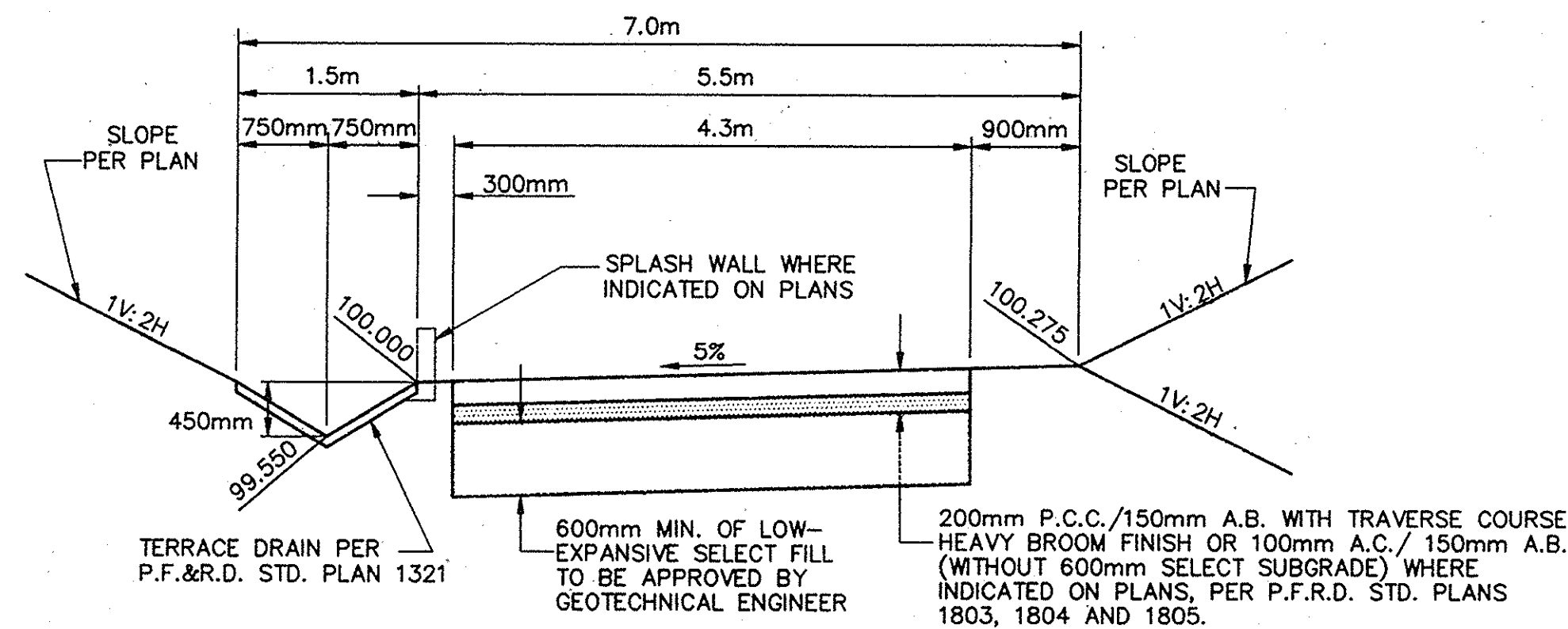
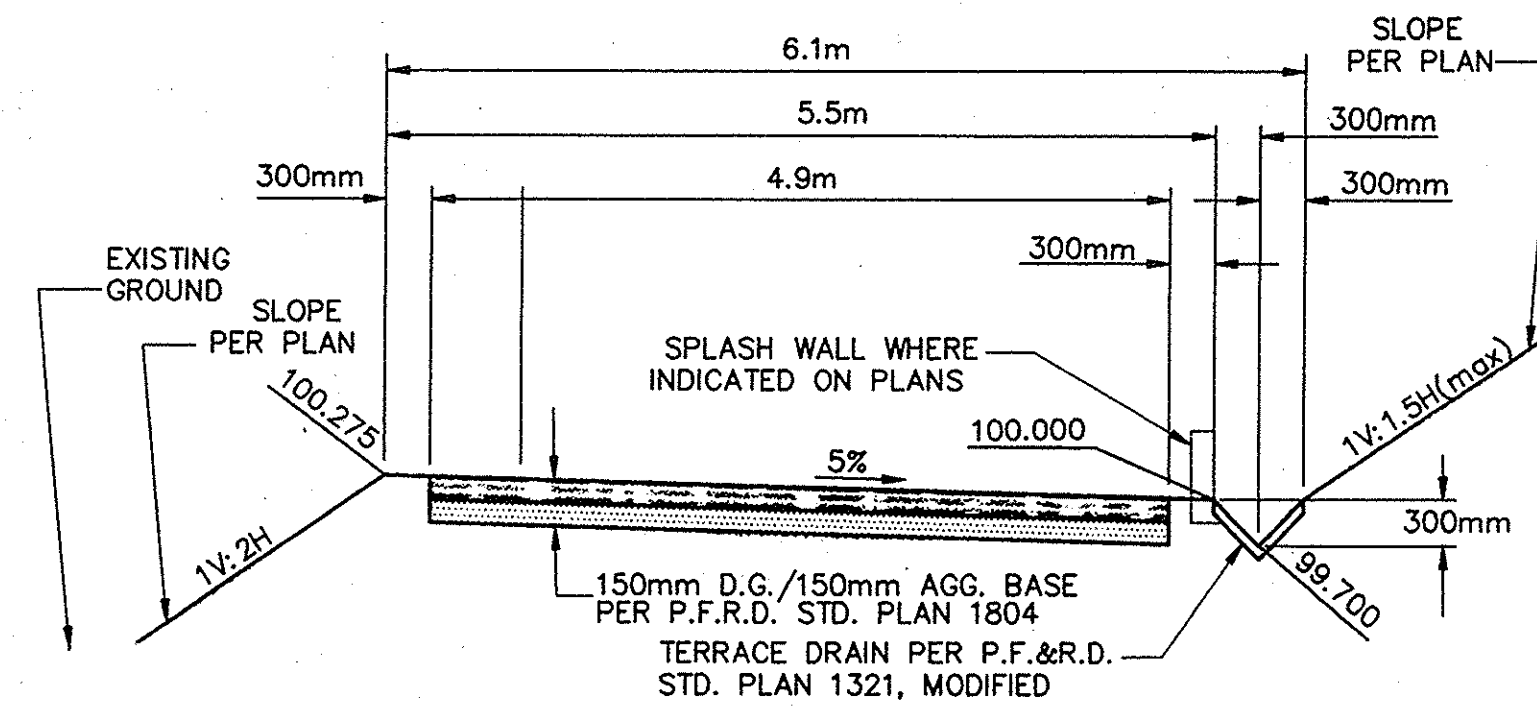




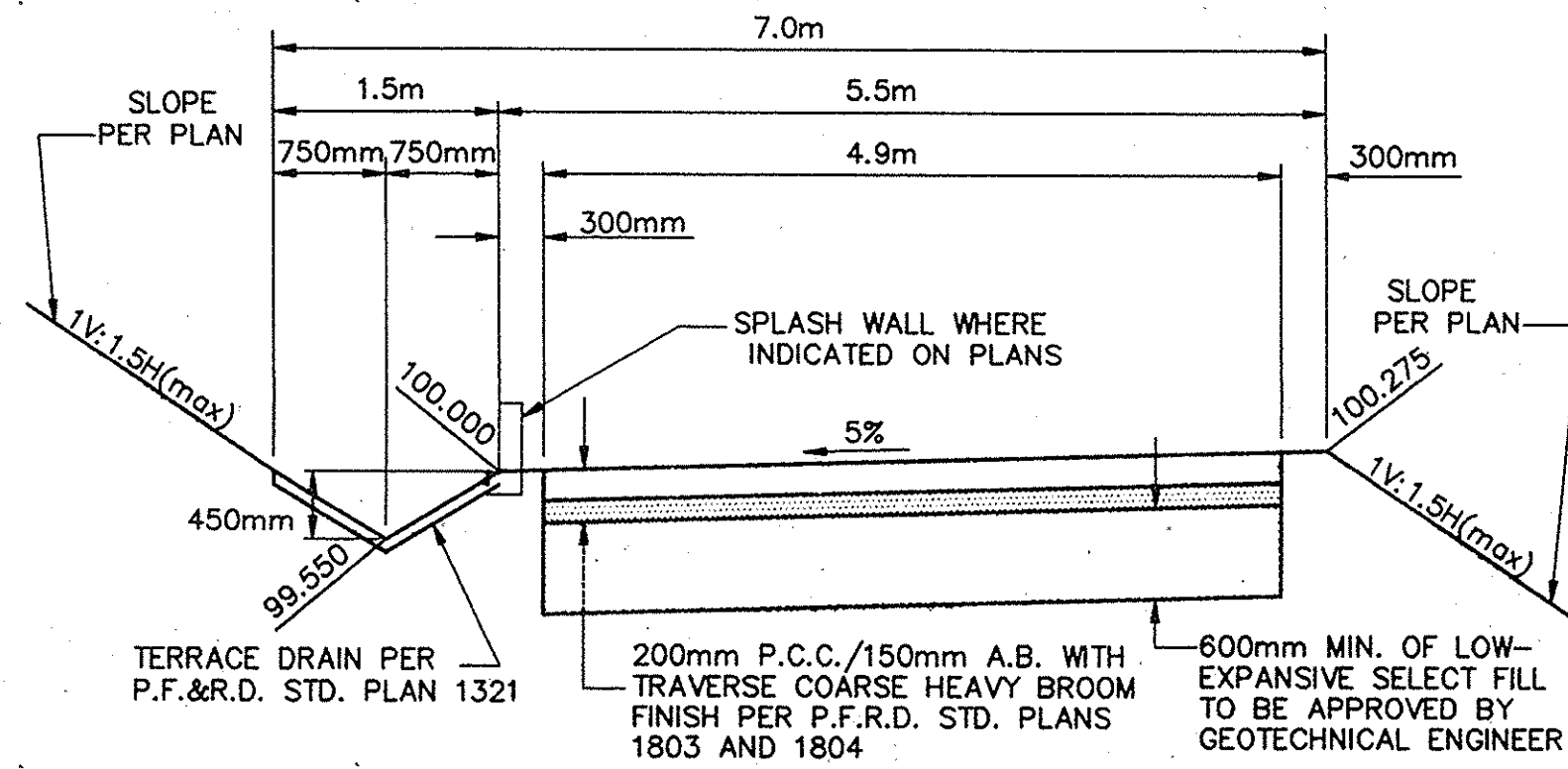
TYPICAL WEST EMBANKMENT ACCESS ROAD

SCALE 1 : 50



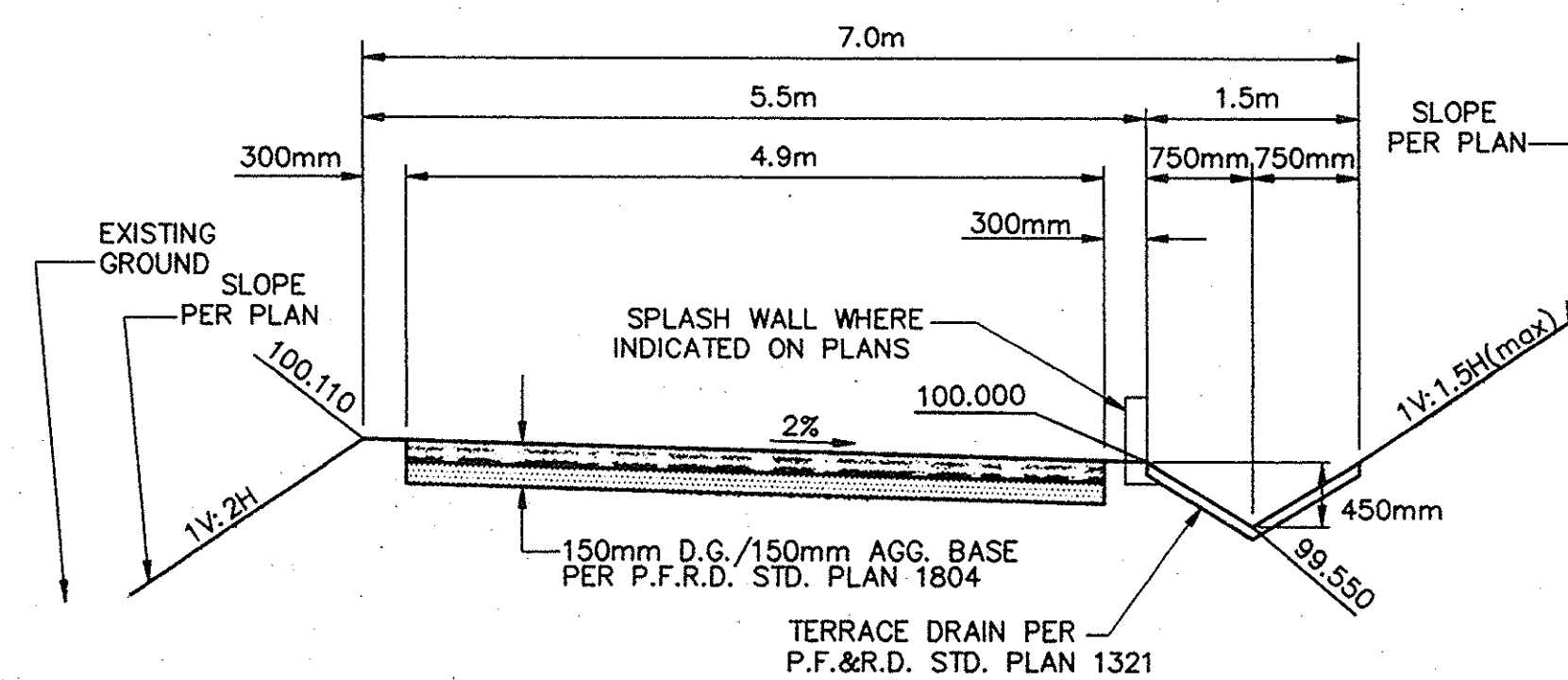
**TYPICAL EAST EMBANKMENT MAINTENANCE ACCESS/
REGIONAL RIDING & HIKING TRAIL, WITH MODIFIED DRAIN**

SCALE 1 : 50



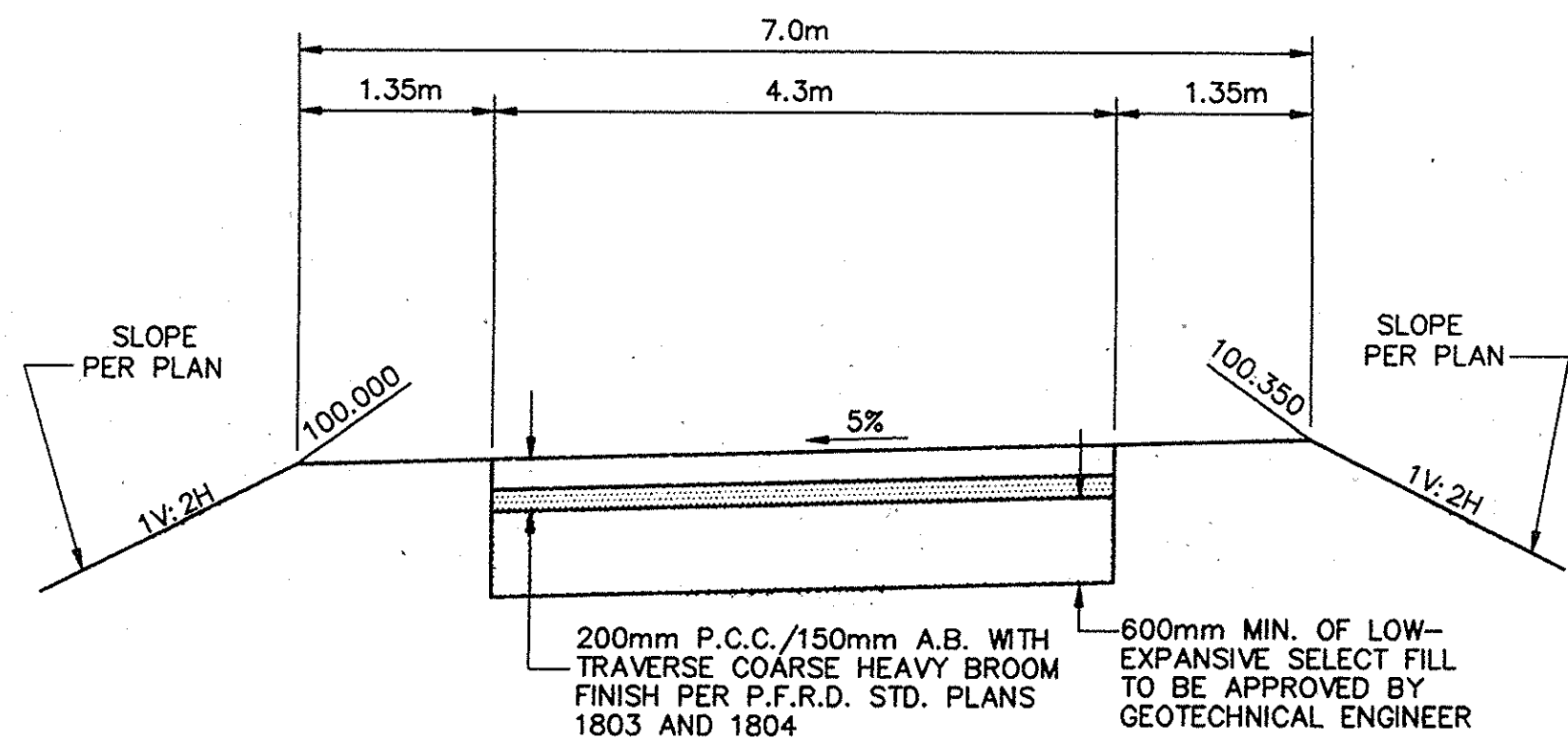
TYPICAL WEST EMBANKMENT ACCESS ROAD BENEATH BRIDGE

SCALE 1 : 50



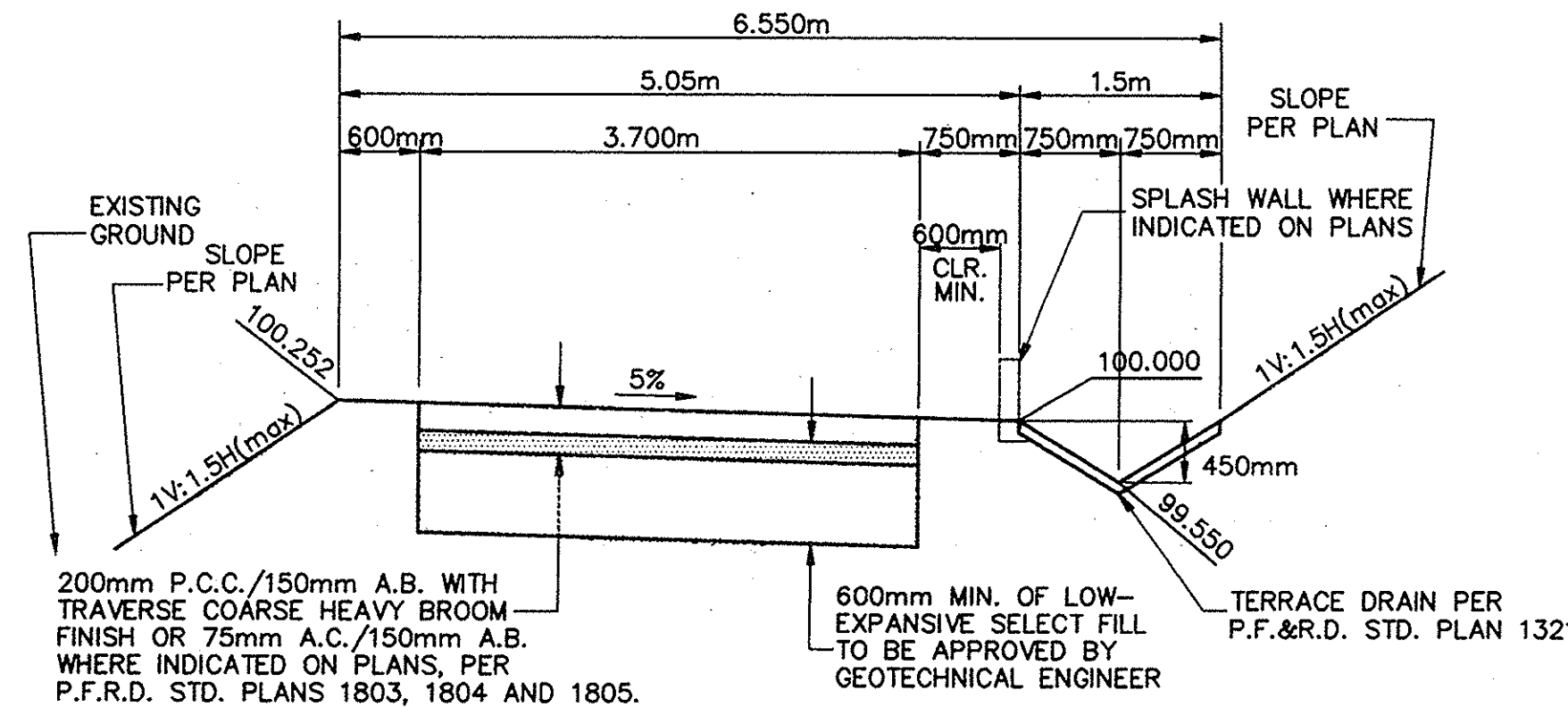
**TYPICAL EAST EMBANKMENT MAINTENANCE ACCESS/
REGIONAL RIDING & HIKING TRAIL**

SCALE 1 : 50



TYPICAL WEST EMBANKMENT ACCESS ROAD TO STORM DRAIN OUTLET

SCALE 1 : 50



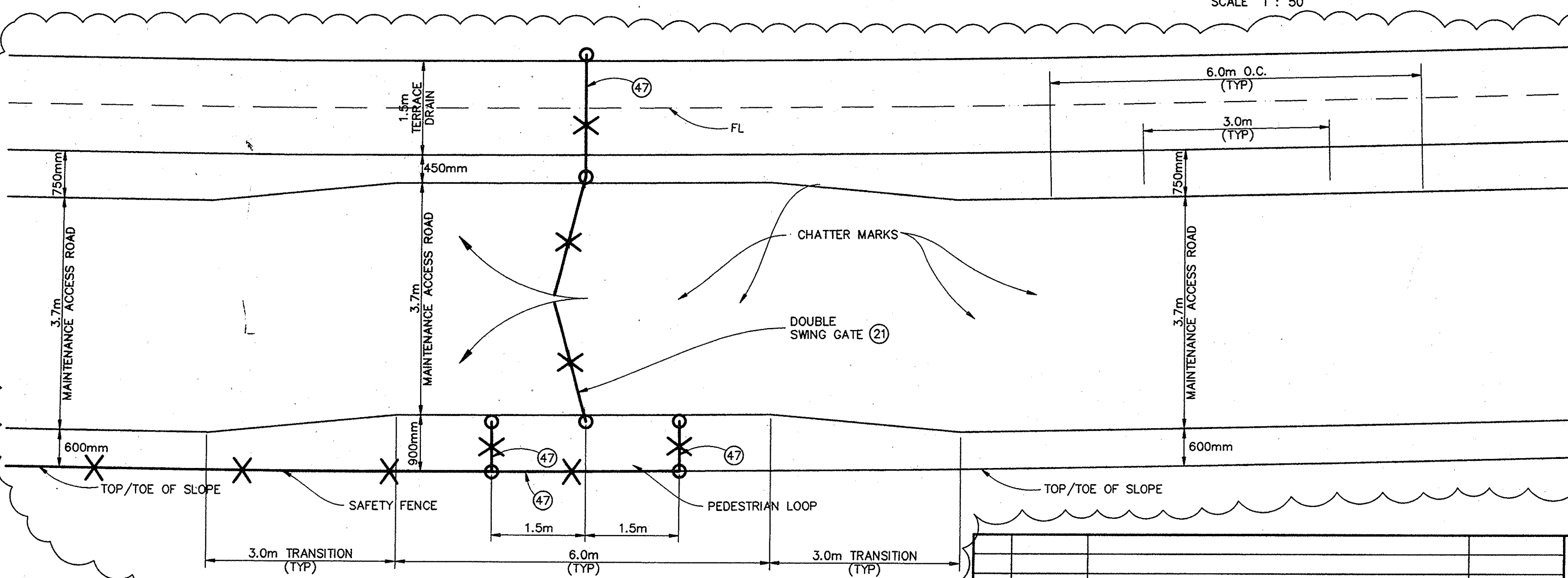
TYPICAL EAST EMBANKMENT MAINTENANCE ACCESS ROAD

SCALE 1 : 50

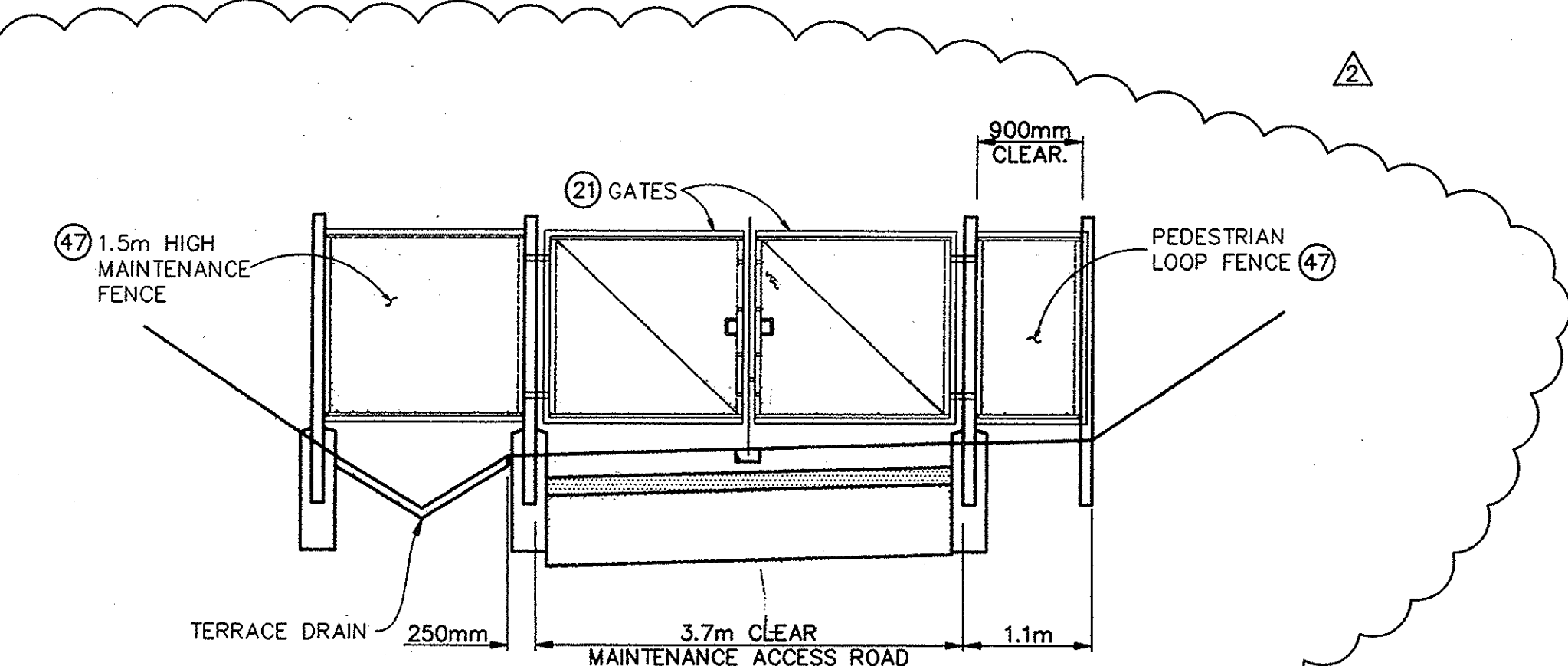
CONSTRUCTION NOTES AND QUANTITIES

NOTE: QUANTITIES SHOWN HEREON ARE FOR PERMIT PURPOSE ONLY. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN CALCULATIONS AND BID A COMPLETE JOB.

4	CONSTRUCT DOWN DRAIN TO PIPE TRANSITION PER P.F.R.D. STD. PLAN 1331.	1 ea
6	CONSTRUCT RIP-RAP APRON PER P.F.R.D. STD. PLAN 1809.	163 m ³
7	CONSTRUCT 450mm R.C.P. (SEE PROFILE FOR D-LOAD AND SPECIAL STEEL CLEARANCE).	222 m
10	CONSTRUCT 1650mm R.C.P. (SEE PROFILE FOR D-LOAD AND SPECIAL STEEL CLEARANCE).	274 m
11	INLET STRUCTURE TO BE CONSTRUCTED BY BRIDGE AND ROADWAY CONTRACTOR.	N.L.
12	CONSTRUCT TERRACE DRAIN INLET STRUCTURE PER DETAIL ON SHEET 3.	7 ea
13	CONSTRUCT JUNCTION STRUCTURE TYPE VI CASE 1 PER P.F.R.D. STD. PLAN 1315.	2 ea
14	CONSTRUCT JUNCTION STRUCTURE TYPE II PER P.F.R.D. STD. PLAN 1311.	2 ea
15	CONSTRUCT INLET TYPE V PER P.F.R.D. STD. PLAN 1305.	1 ea
16	CONSTRUCT REINFORCED CONCRETE COLLAR PER P.F.R.D. STD. 1317.	7 ea
17	CONSTRUCT IMPACT ENERGY DISSIPATER OUTLET STRUCTURE PER DETAIL ON SHEETS 3 & 4.	1 ea
18	CONSTRUCT CONCRETE PIPE SLOPE ANCHOR PER P.F.R.D. STD. PLAN 1333.	13 ea
19	CONSTRUCT 200mm P.C.C. OVER 150mm A.B. PAVEMENT WITH TRANSVERSE COARSE HEAVY BROOM FINISH PER P.F.R.D. STD. PLAN 1803.	4,664 m ²
20	CONSTRUCT 150mm D.G. OVER 150mm A.B.	1,258 m ²
21	INSTALL 3.7m MIN. WIDE DOUBLE SWING GATES OPENING INWARD PER P.F.R.D. STD. PLAN 600-1-OC. & PER DETAIL ON SHEET NO. 2.	4 ea
22	CONSTRUCT TEMPORARY 750mm CSP INLET PER P.F.R.D. STD. PLAN 1327.	4 ea
27	CONSTRUCT REINFORCED CONCRETE INLET STRUCTURE PER DETAIL ON SHEETS 5 & 6.	1 ea
28	CONSTRUCT JUNCTION STRUCTURE TYPE I PER P.F.R.D. STD. PLAN 1310.	2 ea
29	CONSTRUCT REINFORCED CONCRETE ANTI-SEEP COLLAR PER DETAIL ON SHEET 4.	1 ea
31	INSTALL CHAIN LINK FENCE PER P.F.R.D. STD. PLAN 600-1-OC.	36 m
32	CONSTRUCT STORM DRAIN DEBRIS POST PER DETAIL ON SHEET 5.	9 ea
33	CONSTRUCT 75mm A.C. OVER 150mm A.B. PAVEMENT PER P.F.R.D. STD. PLAN 1805.	372 m ²
34	CONSTRUCT 100mm A.C. OVER 150mm A.B. PAVEMENT PER P.F.R.D. STD. PLAN 1805.	342 m ²
41	INSTALL DESILTING BASIN PER DETAIL ON SHEET 10 (TEMP).	4 ea
47	INSTALL 1.5m HIGH SAFETY FENCE PER P.F.R.D. STD. PLAN 600-1.	67 m
48	CONSTRUCT "CHATTER MARKS" 3m WIDE x 6m O.C. PER GROOVING DETAIL ON P.F.R.D. STD. PLAN No. 111-1.	37 ea
49	INSTALL INFORMATION SIGN PROHIBITION THE USE OF BICYCLES, SKATEBOARDS ETC., AND ACCESS FOR AUTHORIZED VEHICLES ONLY.	2 ea



PLAN VIEW



ELEVATION

21 GATE DETAIL
SCALE: 1:50

NO.	DATE	REVISIONS	APPROVED
11-09-00		ADDED NOTES 47, 48 & 49 AND GATE DETAIL.	

HUITT-ZOLIARS
Huitt-Zoliars, Inc.
15101 Red Hill Avenue, Tustin, CA 92780 (714) 259-7900
DESIGNED BY: RUV
DRAWN BY: RUV
CHECKED BY: CFT
FIELD BOOK: 30924
R.C.E. 3-31-2004
EXPRES 12/11/00
DATE

STORM DRAIN PLANS FOR CROWN VALLEY PARKWAY BRIDGE EMBANKMENTS		SHEET 2 of 13 SHEETS
SECTIONS, CONSTRUCTION NOTES & QUANTITIES		
JARDINES TO LADERA PC		JOB NO. 10-0367-03



DR. 14 (16395)