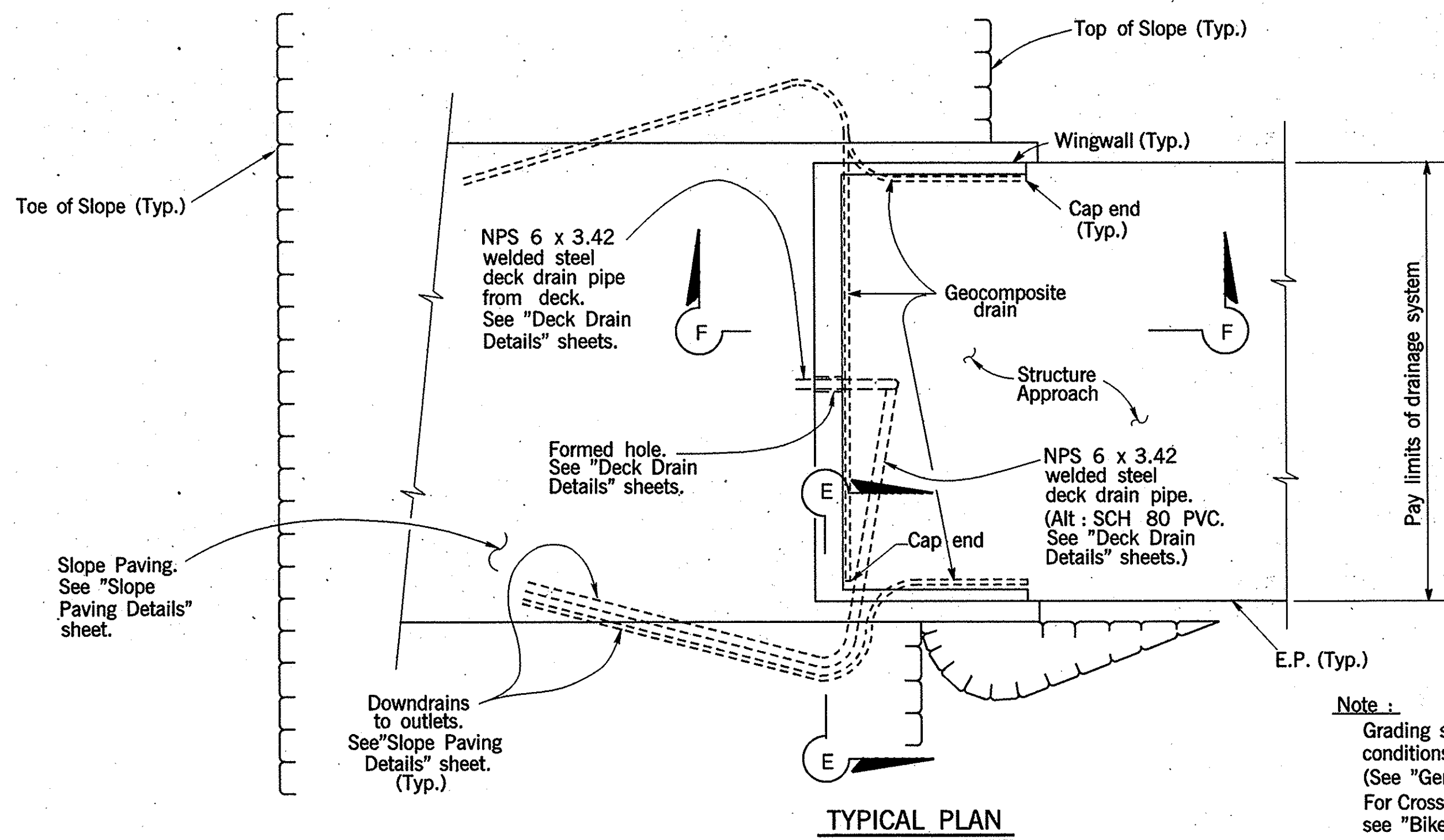
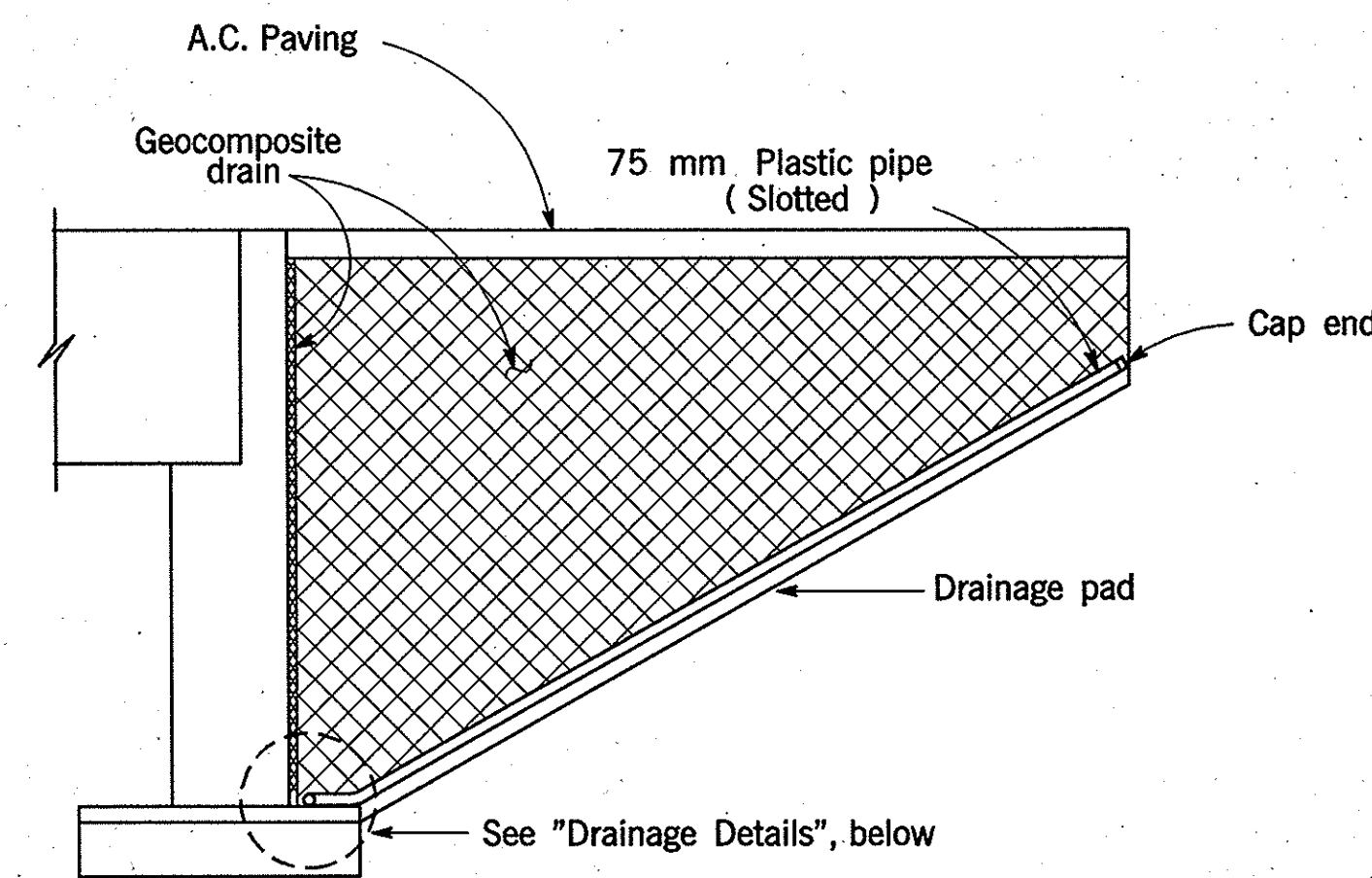


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
12	Ora	241	30.1	13	19
REGISTERED CIVIL ENGINEER 6/2/99 RICHARD W. HOISINGTON, JR. No. 42267 Exp. 3/31/00 CIVIL STATE OF CALIFORNIA					
PLANS APPROVAL DATE					
COUNTY OF ORANGE PUBLIC FACILITIES & RESOURCES DEPT. 300 N. FLOWER STREET SANTA ANA, CA 92703-5000					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					

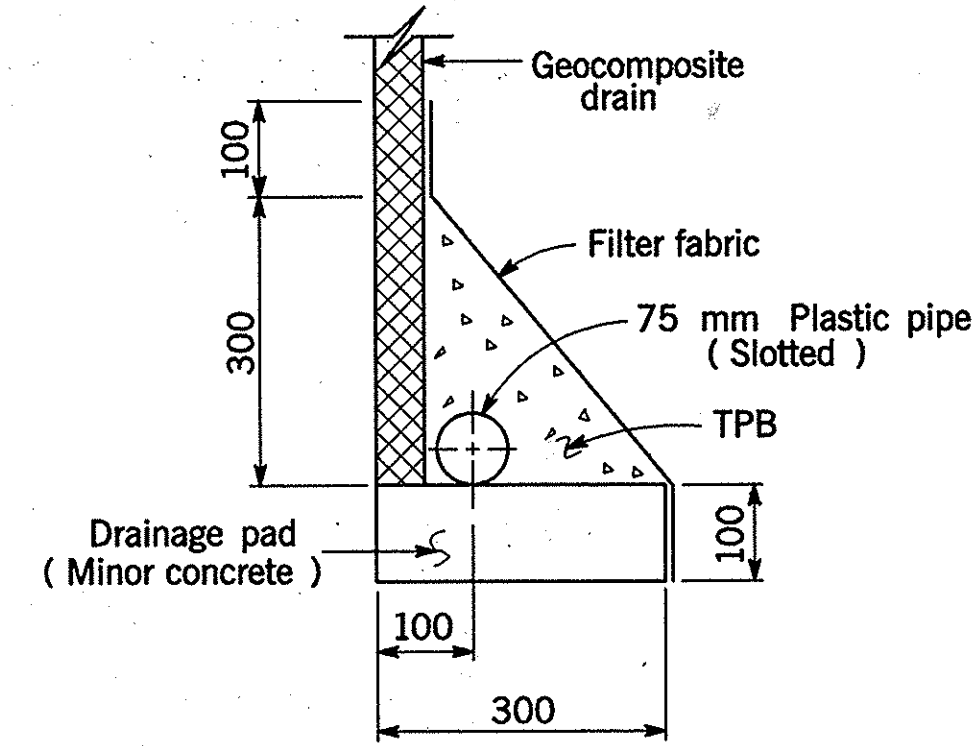


TYPICAL PLAN

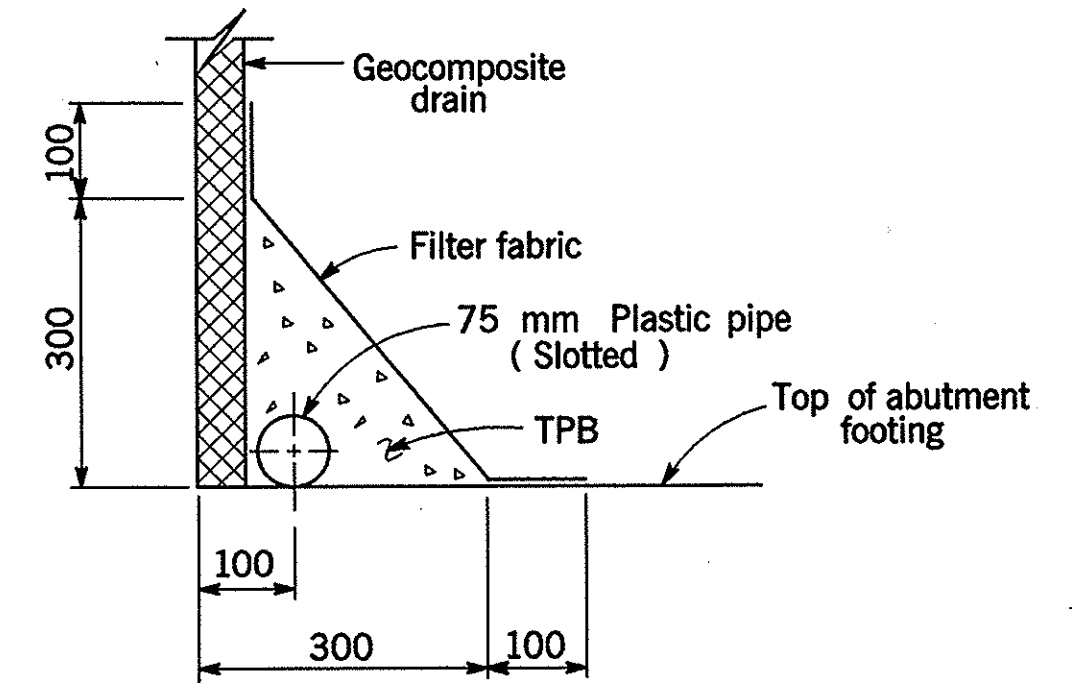
Note :
Grading shown is for typical conditions.
(See "General Plan" for details.)
For Cross-Gutter @ Abut. 4,
see "Bike Trail Details" sheet.



CANTILEVER WINGWALL
SECTION F-F

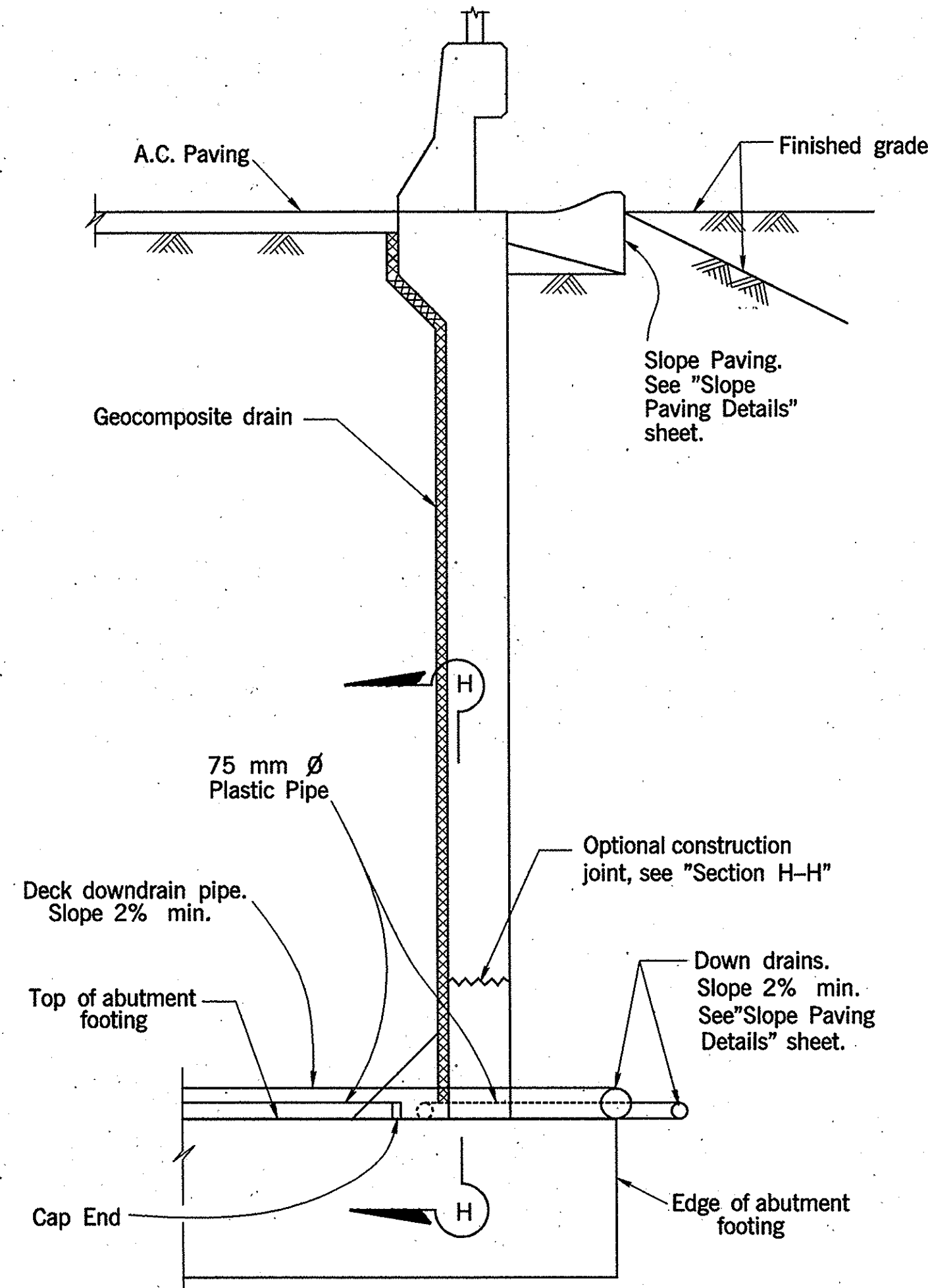


WITHOUT FOOTING
(WINGWALLS)



WITH FOOTING
(ABUTMENT)

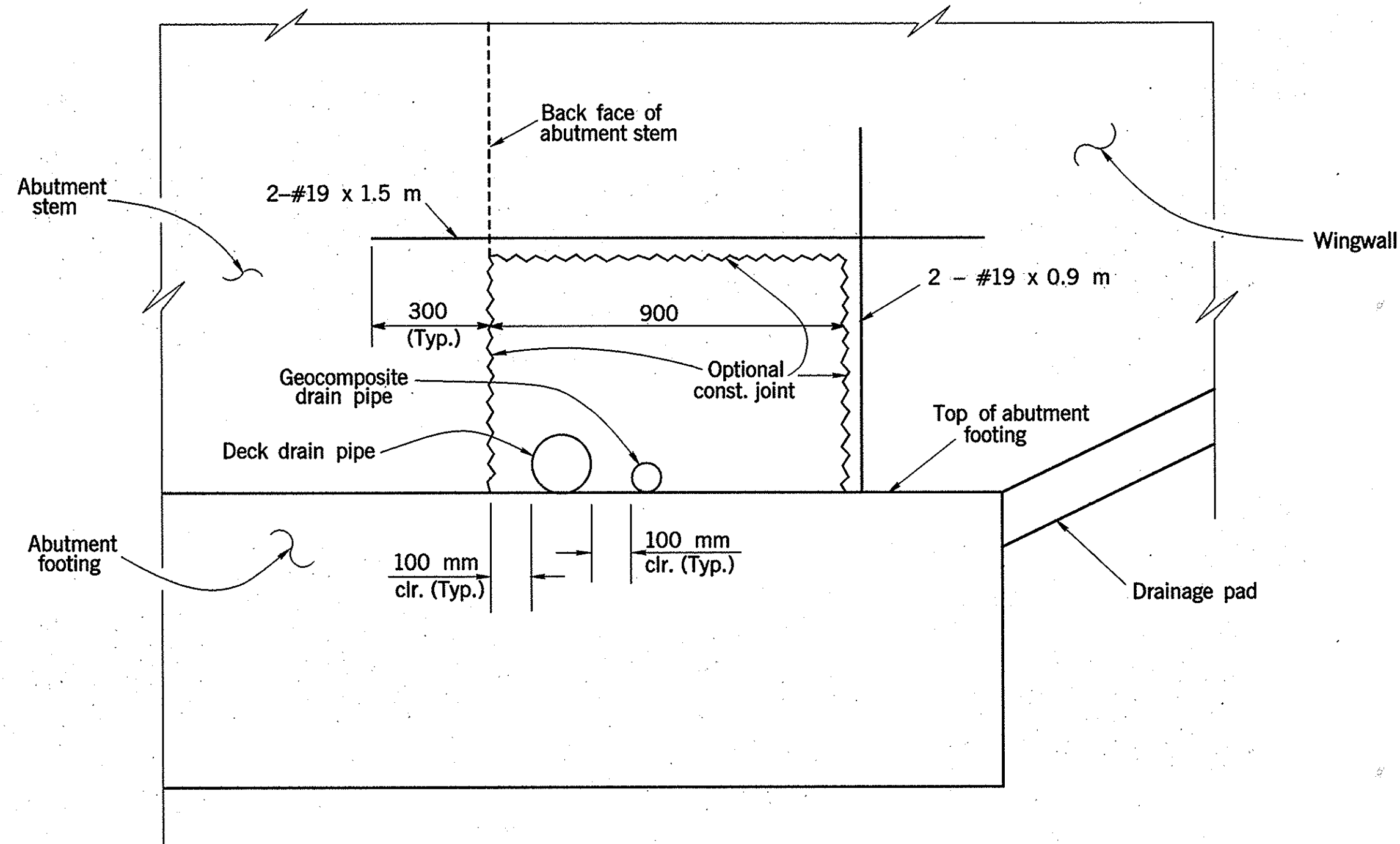
DRAINAGE DETAILS



SECTION E-E

Note : Bends and junctions :

75 mm Plastic pipe : 750 mm radius min.
NPS 6 x 3.42 WSP : 460 mm radius min.
150 mm Plastic pipe : 1500 mm radius min.



SECTION H-H

Note : No reinf. bars to be cut or modified.
Bend reinf. to clear pipes by 25 mm.

NO AS BUILT CHANGES

AS BUILT

CORRECTIONS BY G. CUNNINGHAM/ RWH
CONTRACT NO. 1296-NMC-0130
DATE 5-8-01 / 6-1-01

NO SCALE, UNLESS OTHERWISE SHOWN

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN OVERSIGHT
STEVE NAKAO
4/6/99
SIGN OFF DATE

DESIGN	BY RICH HOISINGTON	CHECKED JOHN SARAH McLEAN & SCHULTZ
DETAILS	BY RICH HOISINGTON	CHECKED JOHN SARAH McLEAN & SCHULTZ
QUANTITIES	BY RICH HOISINGTON	CHECKED JOHN SARAH McLEAN & SCHULTZ

PREPARED FOR THE
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

RICH HOISINGTON
PROJECT ENGINEER

BRIDGE NO.	55-953
KILOMETER POST	30.1

TRABUCO CREEK BIKE TRAIL OVERCROSSING
STRUCTURE APPROACH DRAINAGE DETAILS

DESIGN DETAIL SHEET (METRIC) (REV. 9/2/98)

ORIGINAL SCALE IN MILLIMETERS
FOR REDUCED PLANS

CU
EA

DISREGARD PRINTS BEARING
EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
3/31/99	13	19

FILE -> \$REQUEST
d:\cadd\metric\trabuco\sadd.dgn (2D)

DATE PLOTTED -> \$DATE 04/13/99
TIME PLOTTED -> \$TIME 10:00 AM
USERNAME -> \$USER H.P.