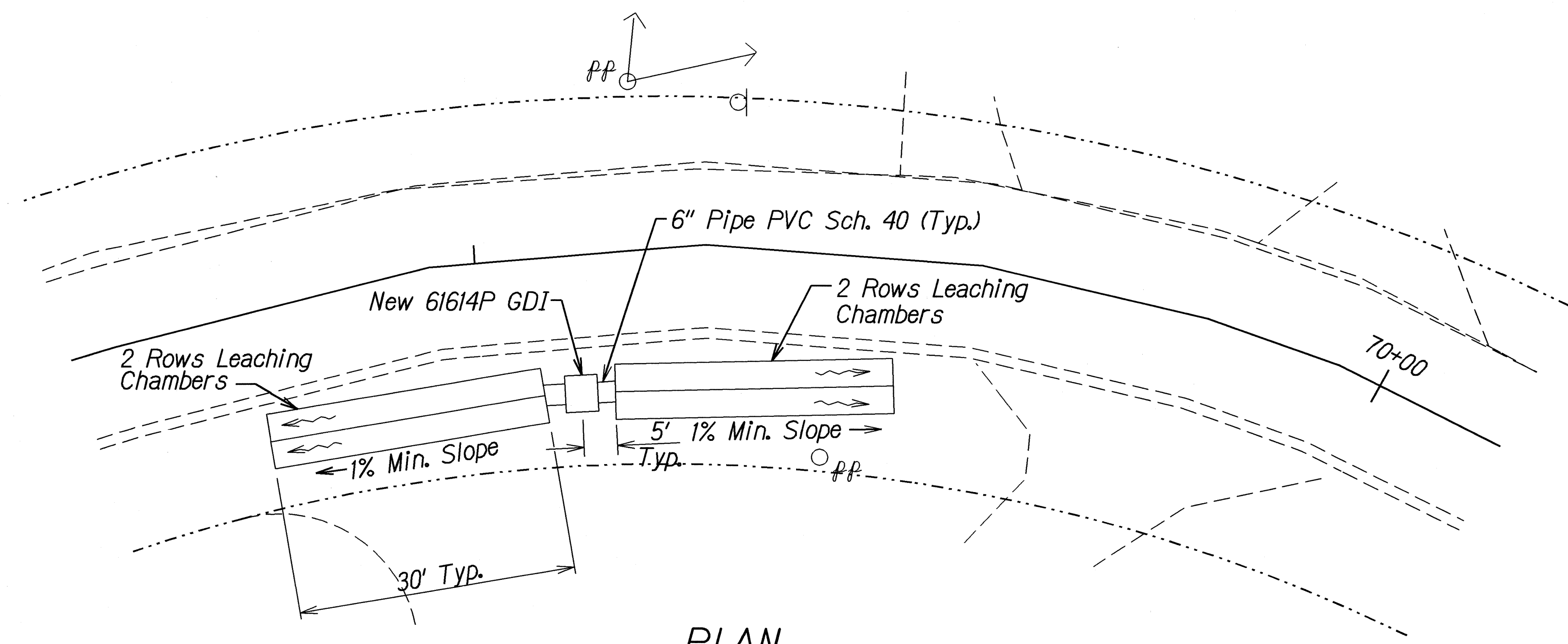
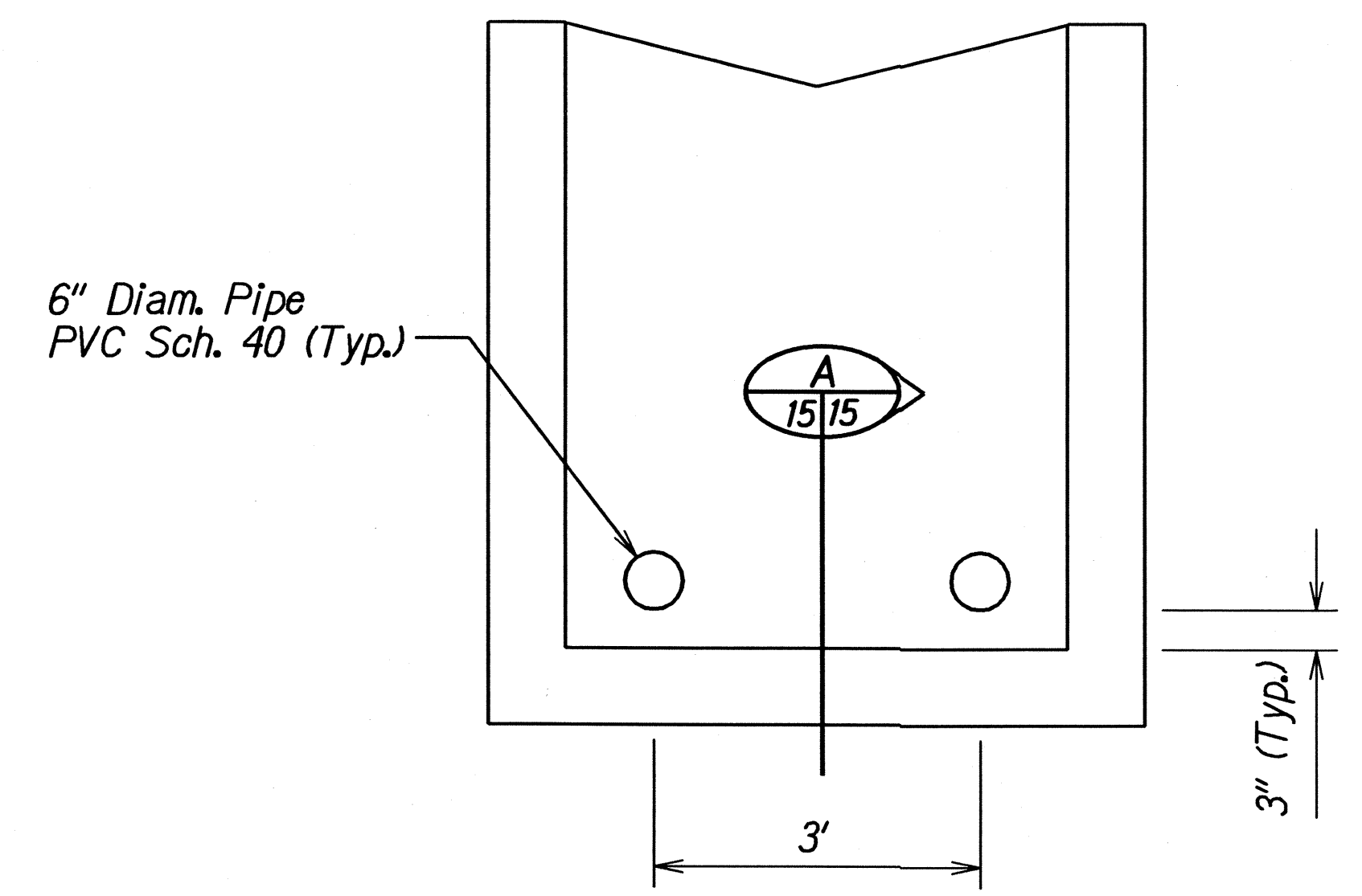


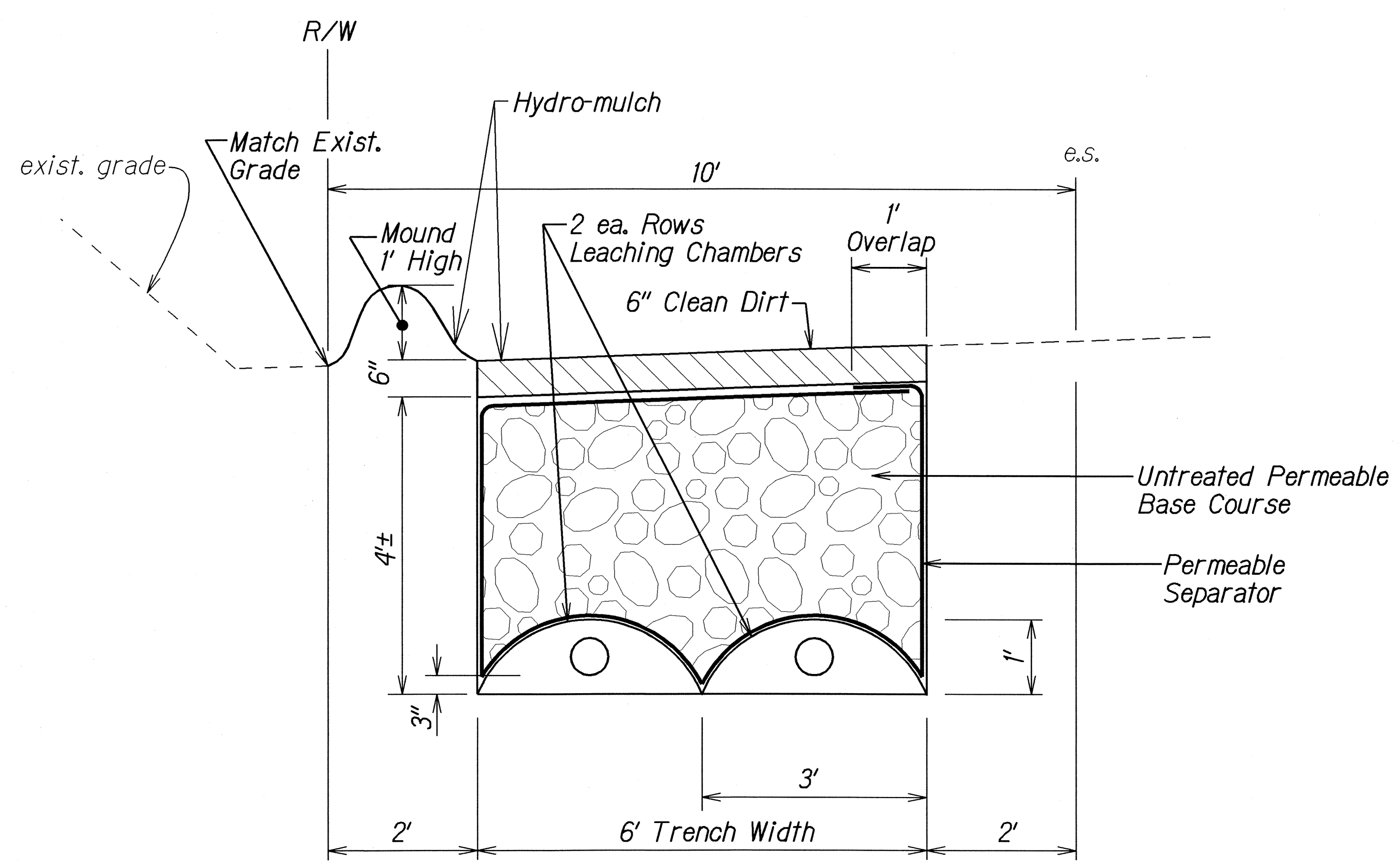
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-02-09M	2009	15	18



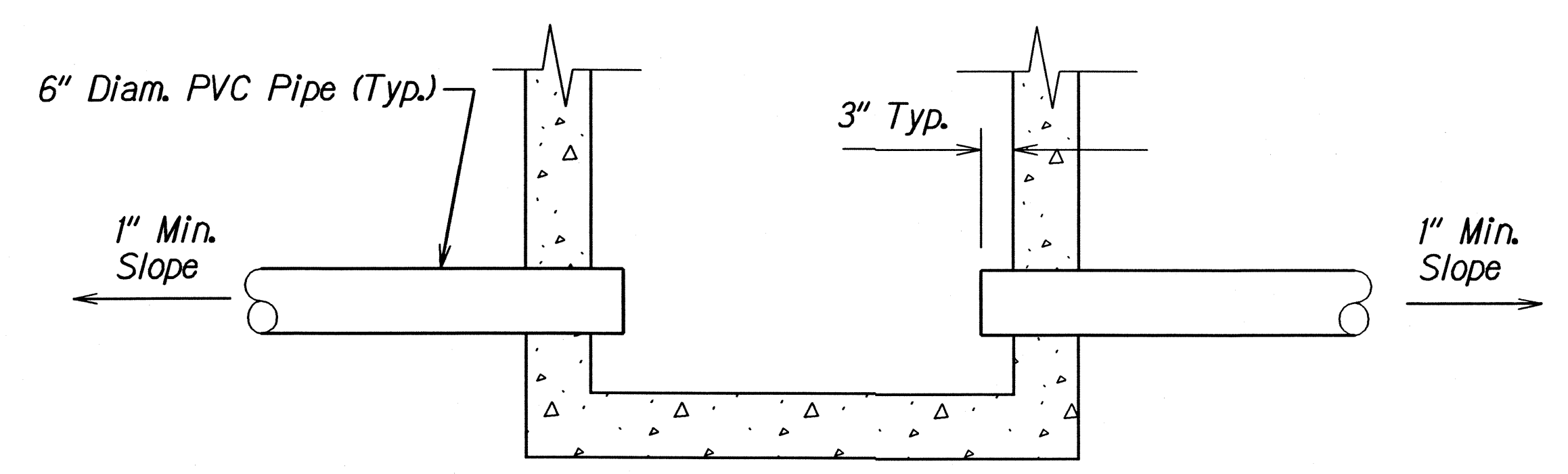
PLAN
Scale: 1"=10'



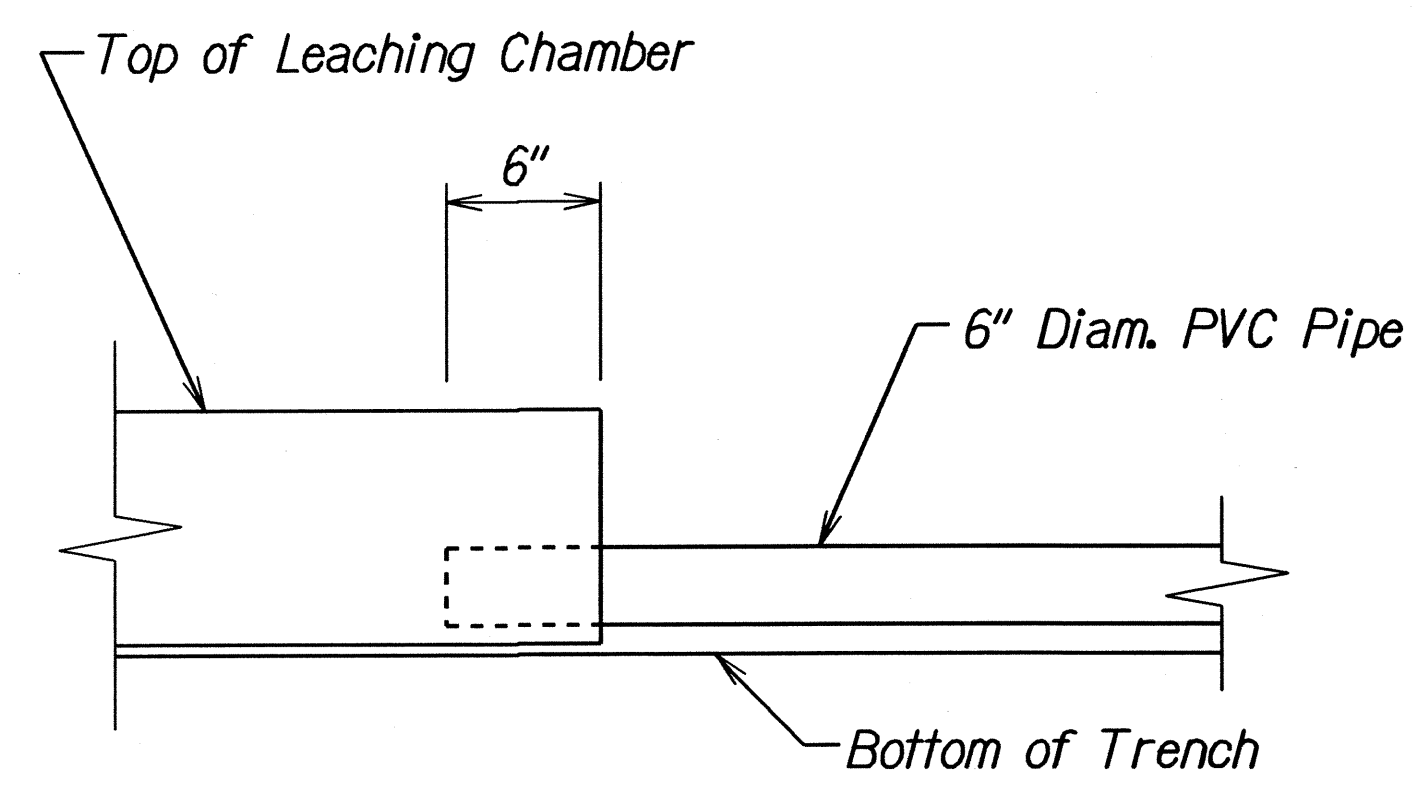
PVC PIPE OUTLETS AT 61614P GDI
Not to Scale



TYPICAL SECTION OF UNDERDRAIN
@ Sta. 68+75 to @ Sta. 69+45 O/S Rt.
Not to Scale



SECTION
Not to Scale



PVC PIPE OUTLET AT
LEACHING CHAMBER
Not to Scale

SURVEY PLOTTED BY	DATE
DRAWN BY	05/09
TRACED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

KUHIO HIGHWAY

PAVEMENT RECONSTRUCTION & DRAINAGE IMPROVEMENTS

Haena to Princeville

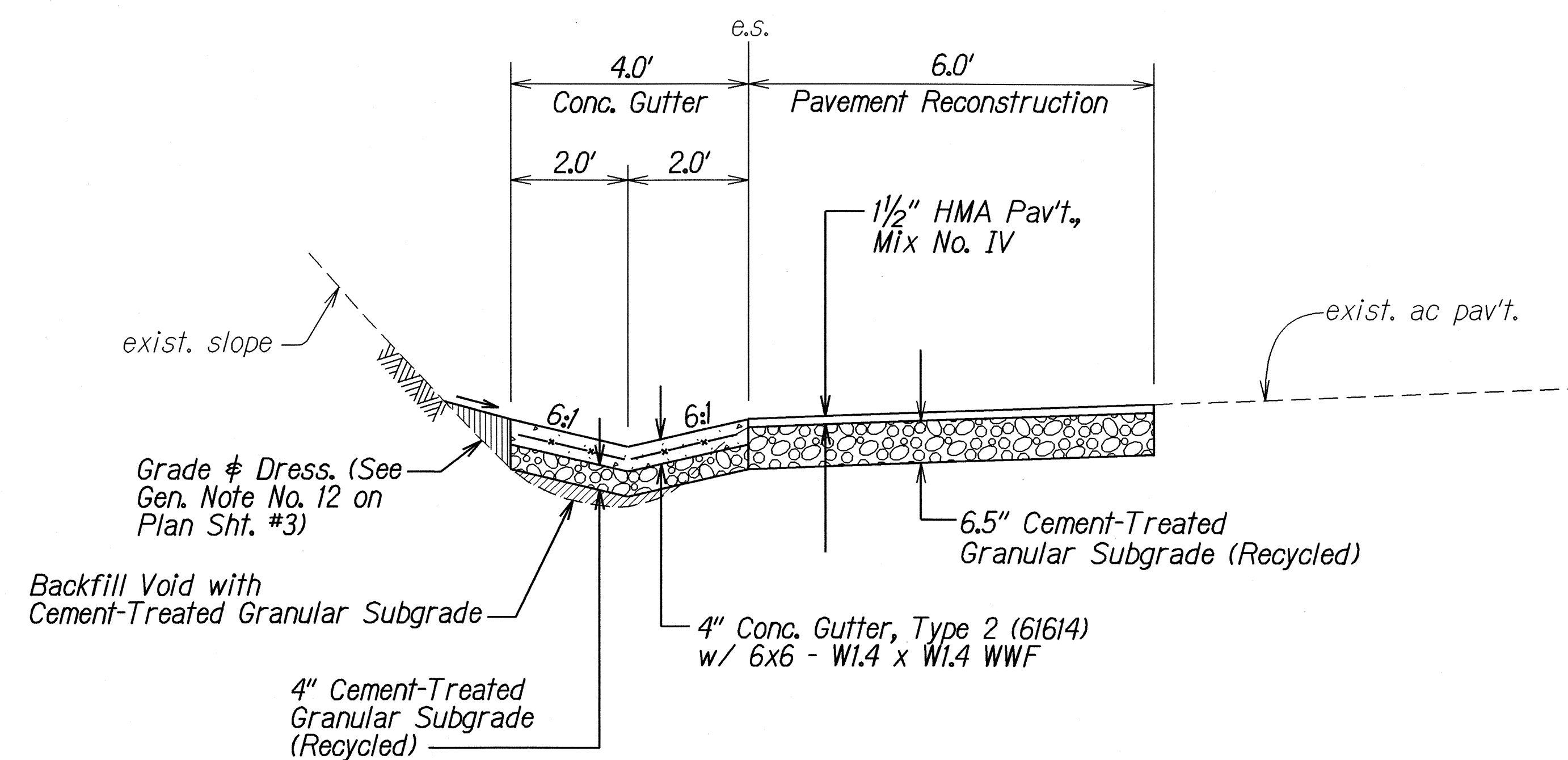
Project No. 560A-02-09M

Scale: As Shown

Date: May 2009

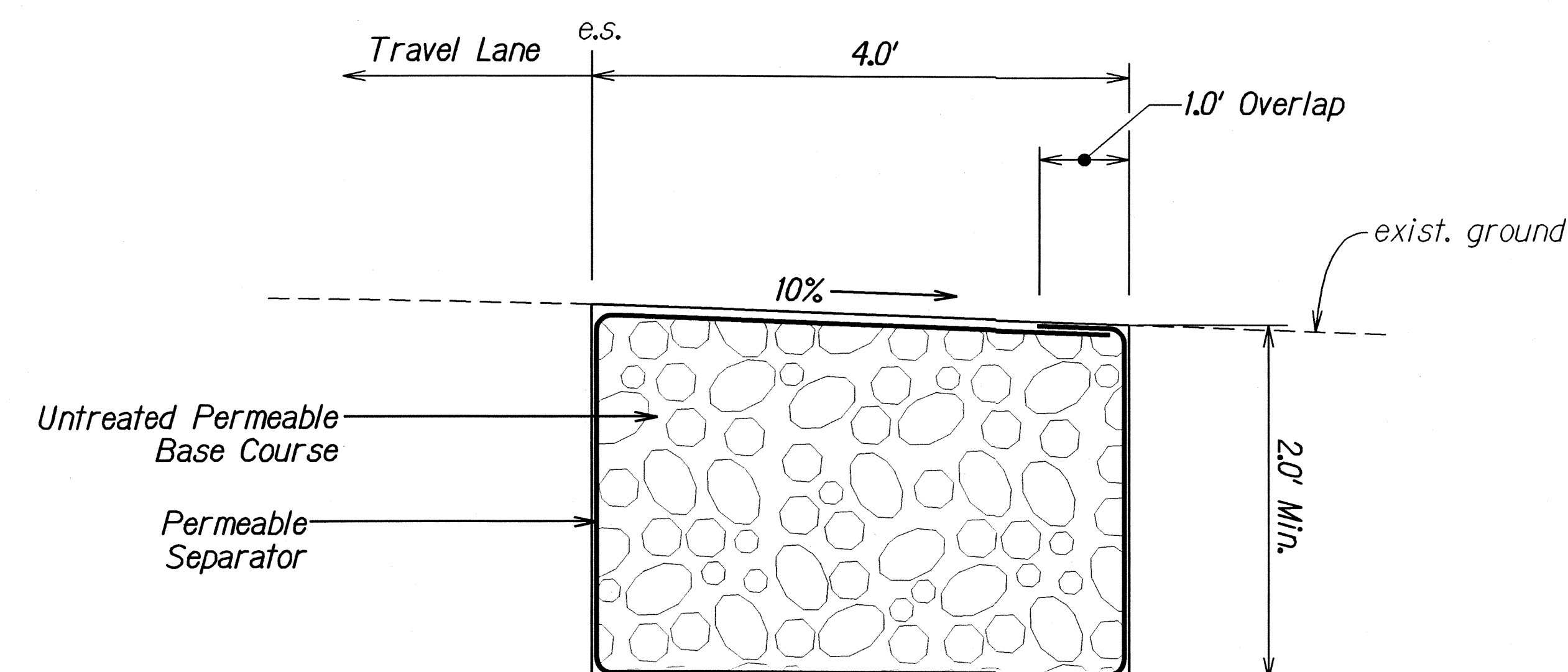
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-02-09M	2009	16	18



SECTION - GUTTER, TYPE 2 (61614)
Not to Scale

****Note:** Gutter longitudinal slope shall be uniform throughout its length.



DRAINAGE SYSTEM AT END OF CONC. GUTTER
@ Sta. 476+48 to @ Sta. 476+68 O/S Rt.
Not to Scale

SURVEY PLOTTED BY	DATE
DRAWN BY	02/09
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
FILE	
DATE	
BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

KUHIO HIGHWAY
PAVEMENT RECONSTRUCTION & DRAINAGE IMPROVEMENTS
Haena to Princeville
Project No. 560A-02-09M

Scale: As Shown Date: May 2009

SHEET No. 2 OF 2 SHEETS