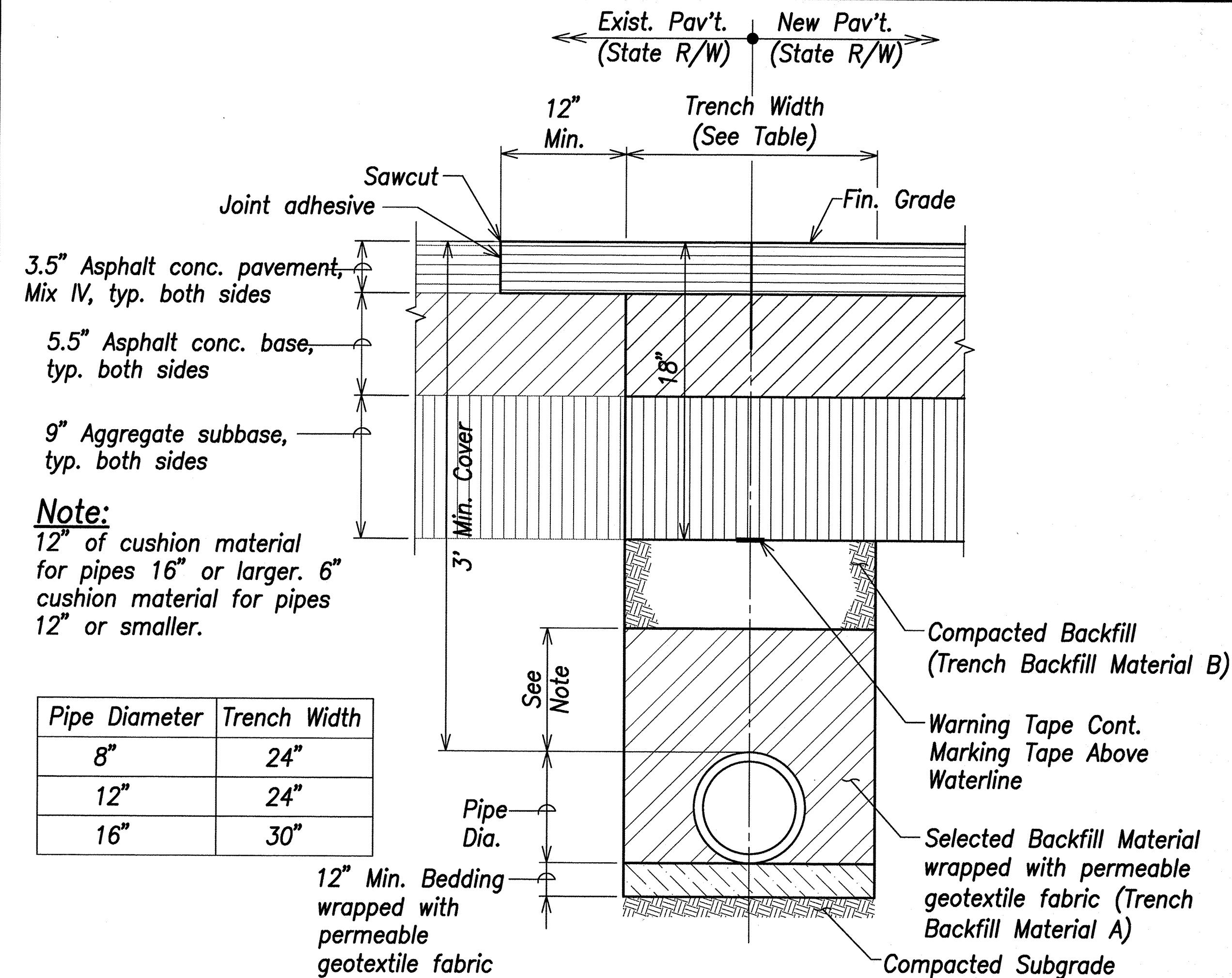
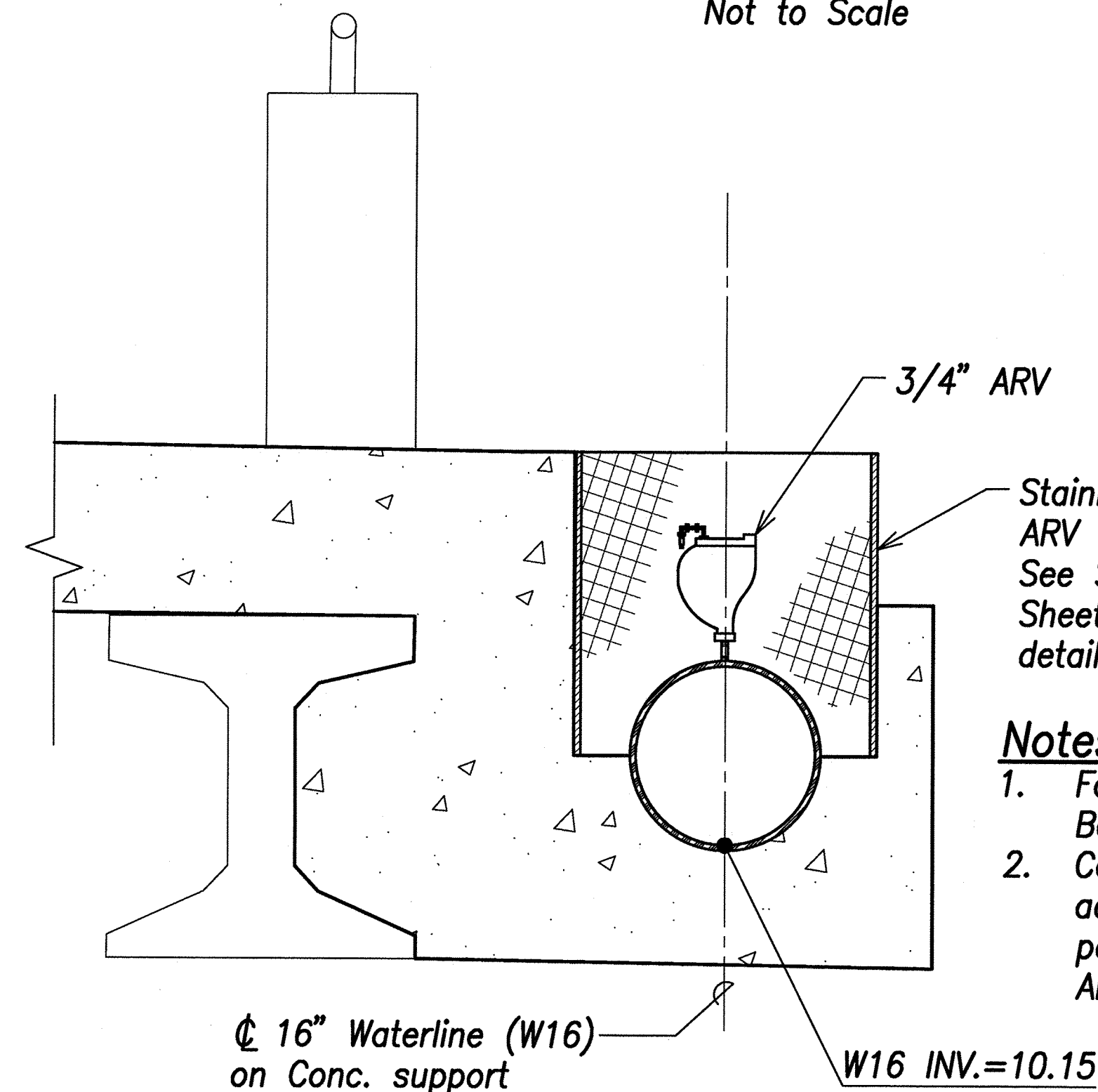


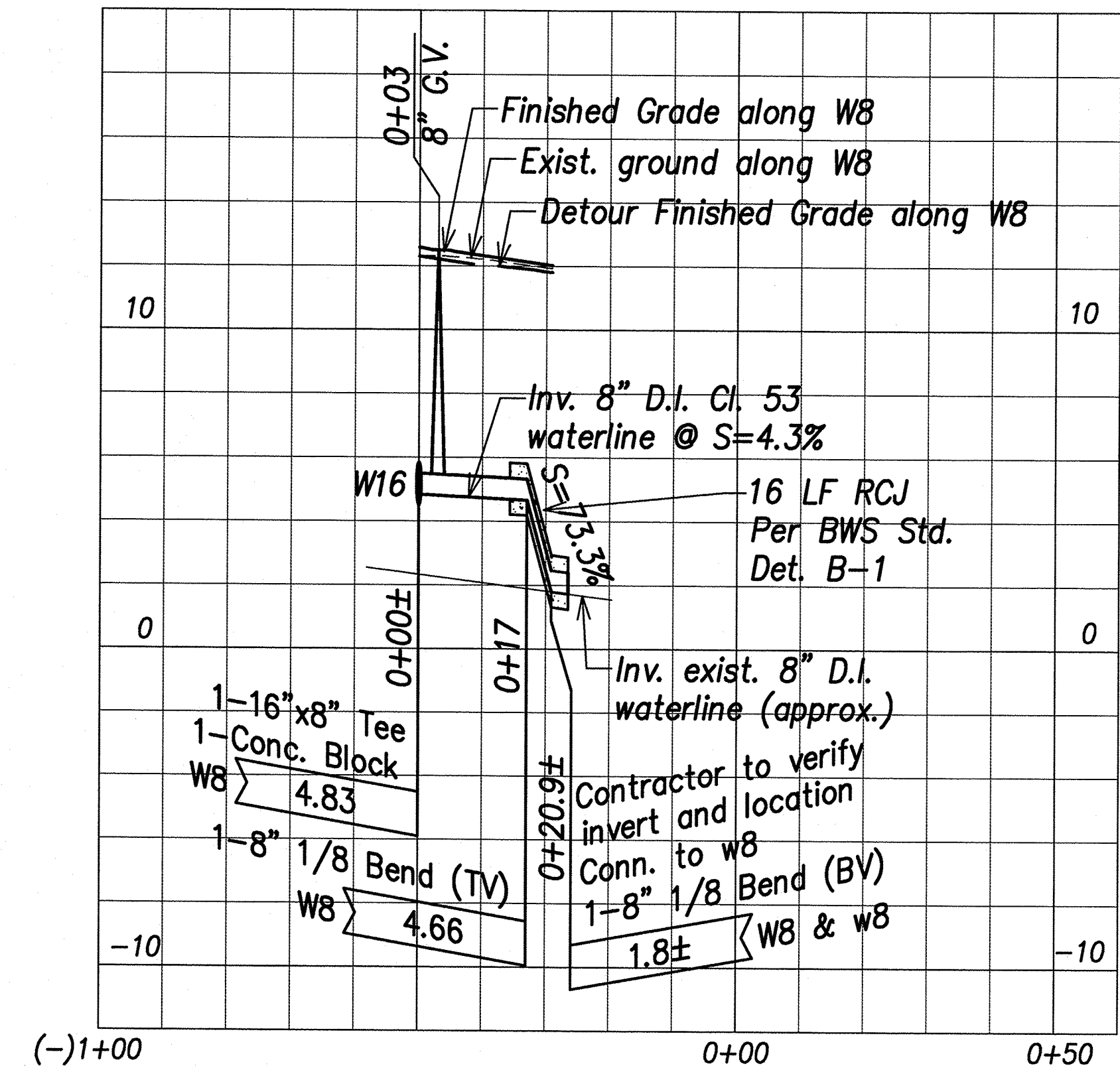
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-083-1(48)	2021	41	161



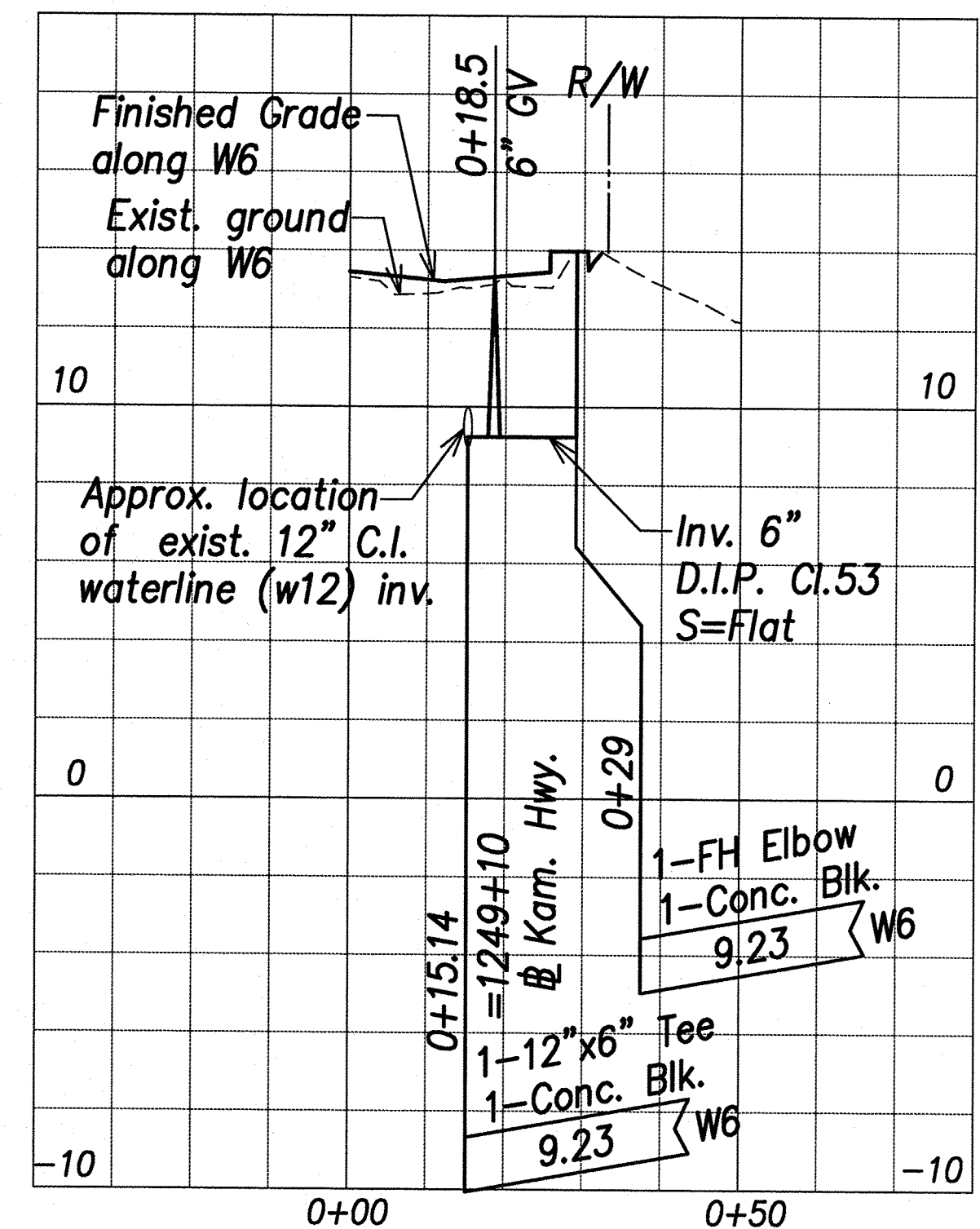
WATERLINE TRENCH DETAIL
Not to Scale



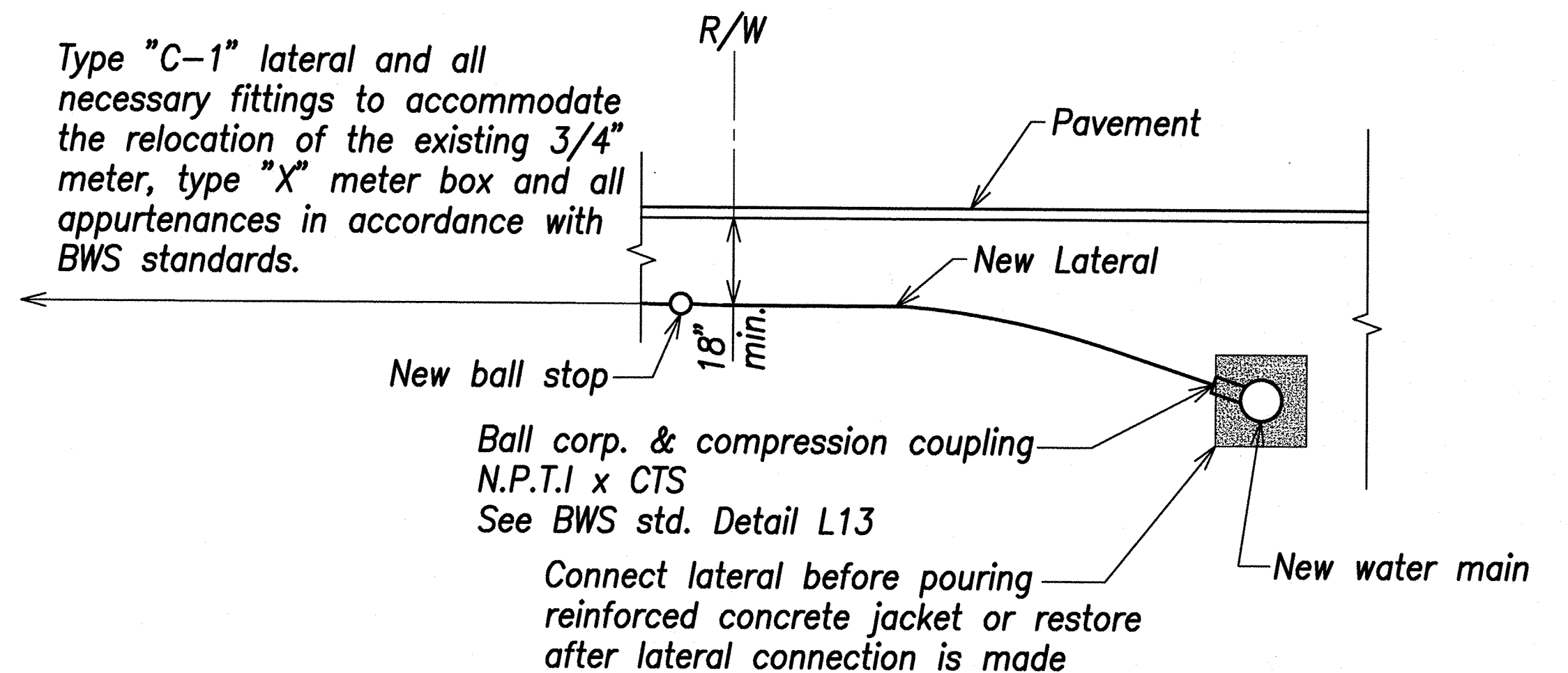
3/4-INCH ARV AND VALVE ENCLOSURE (W16) DETAIL
Not to Scale



8-INCH PIPILANI PL. WATERLINE PROFILE
Scales: 1"=20' Horiz.
1"=4' Vert.



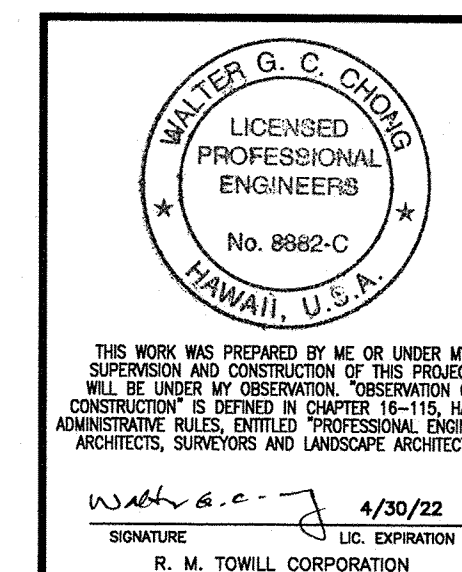
FH LATERAL PROFILE
Scales: 1"=20' Horiz.
1"=4' Vert.



DETAIL SERVICE LATERAL CONNECTION AT CONC. JACKET
Not to Scale

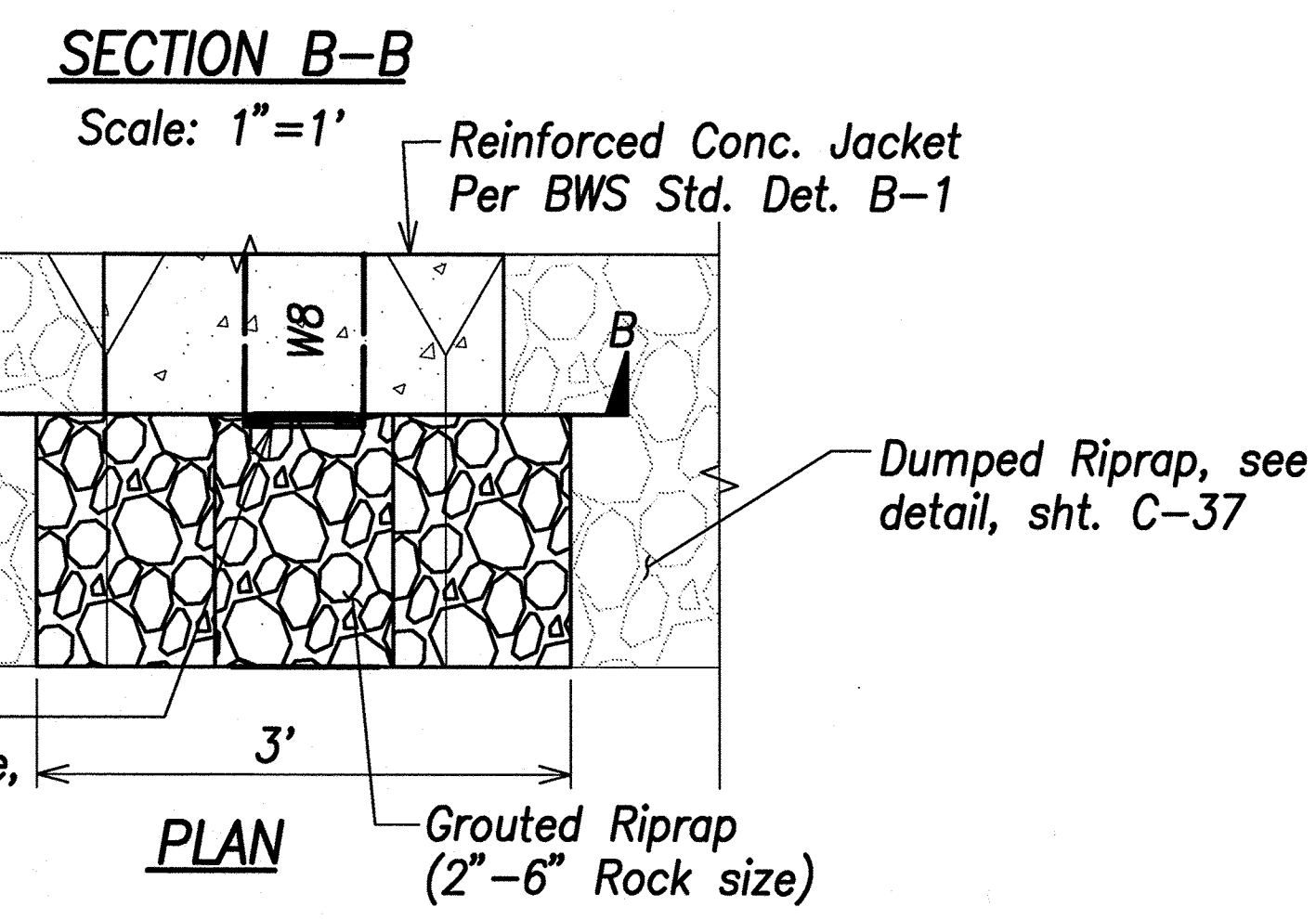
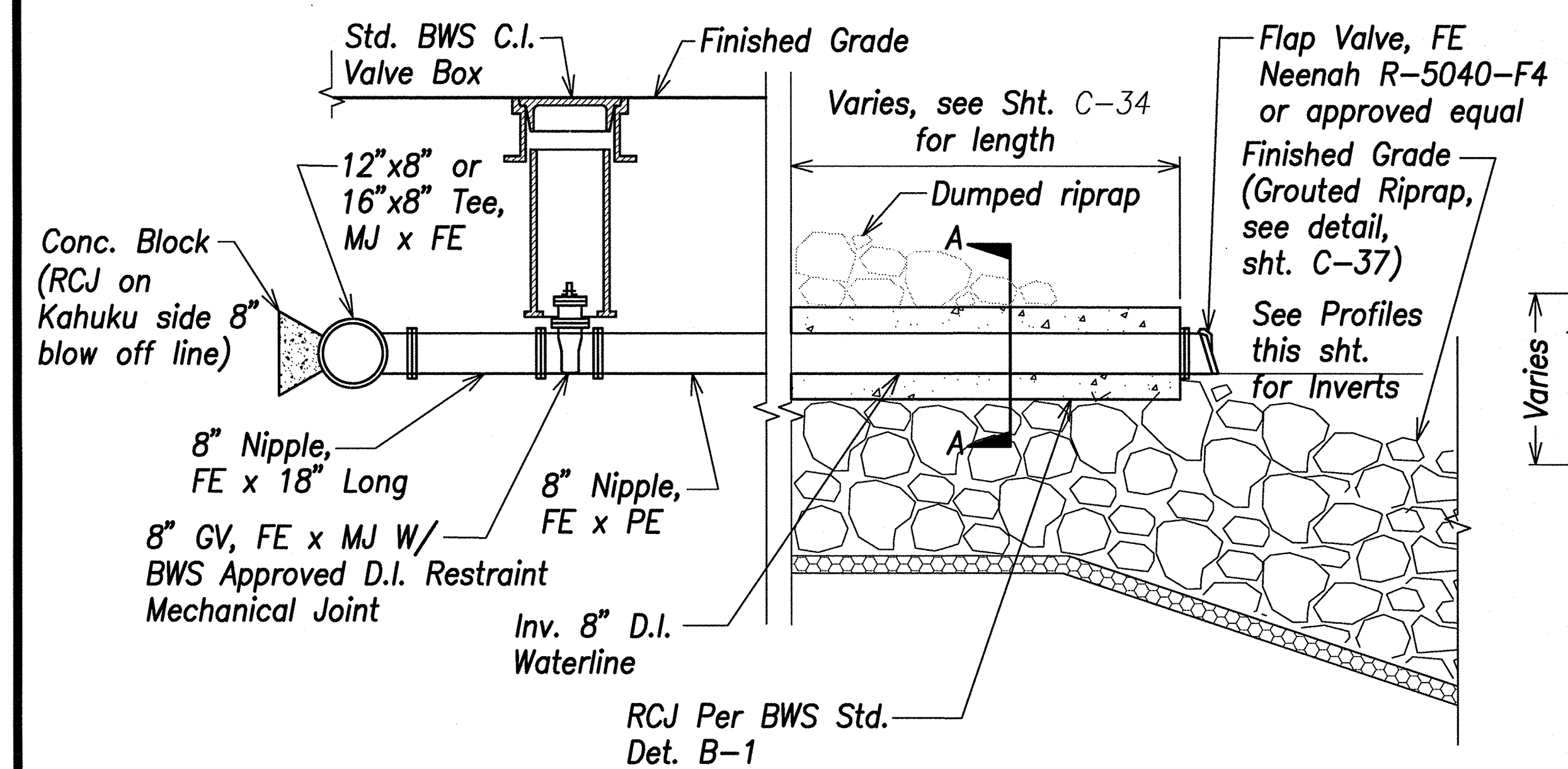
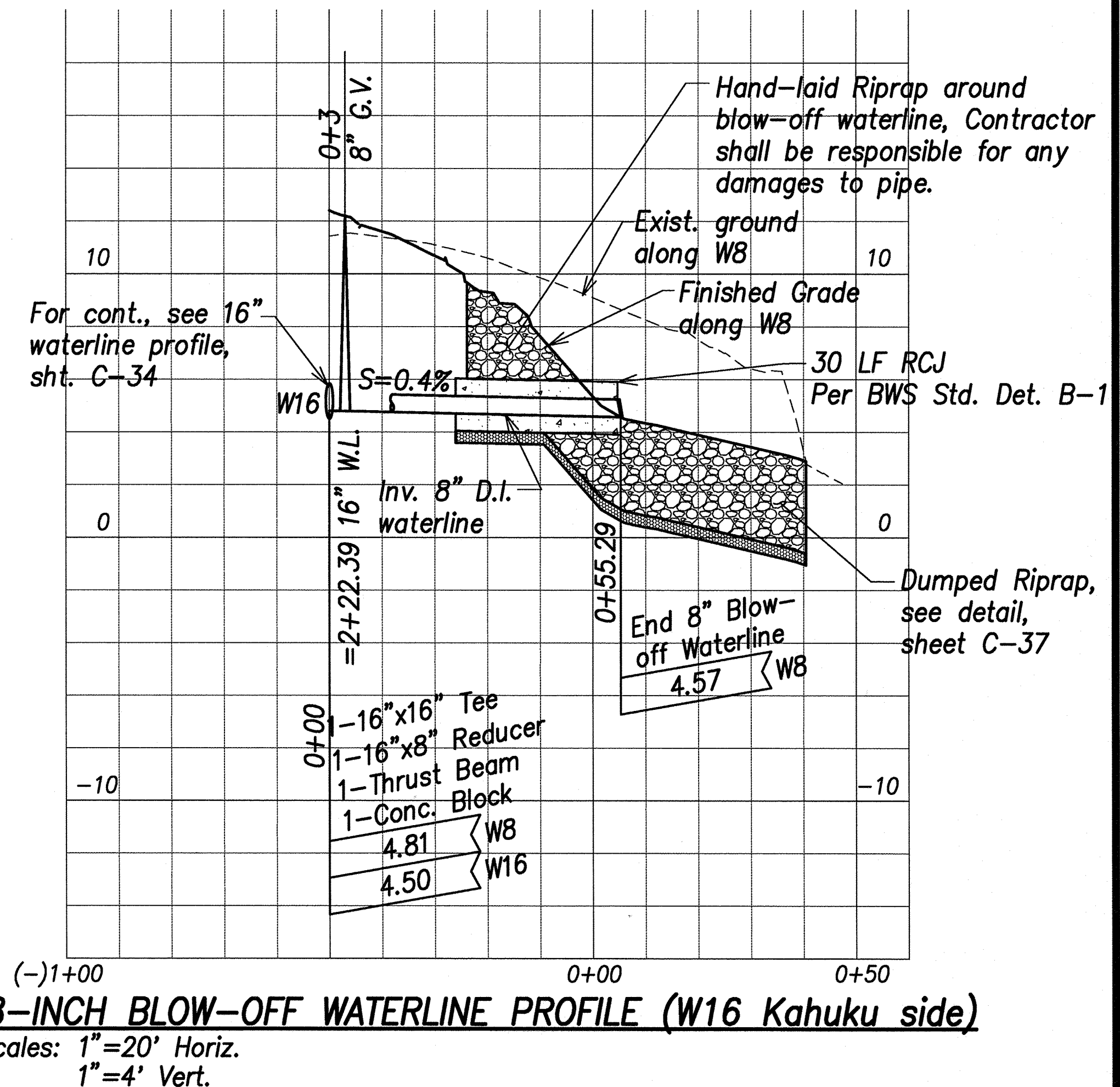
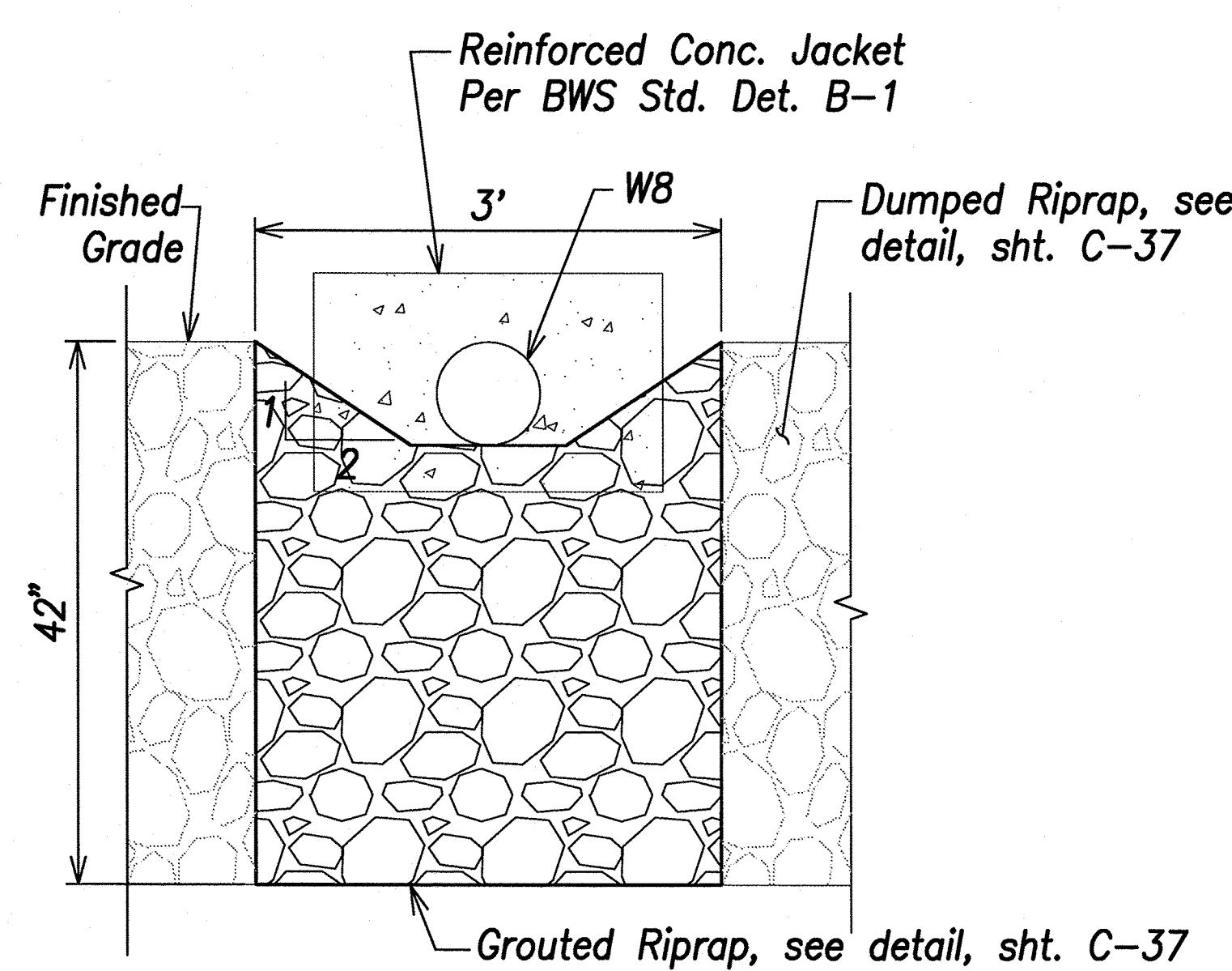
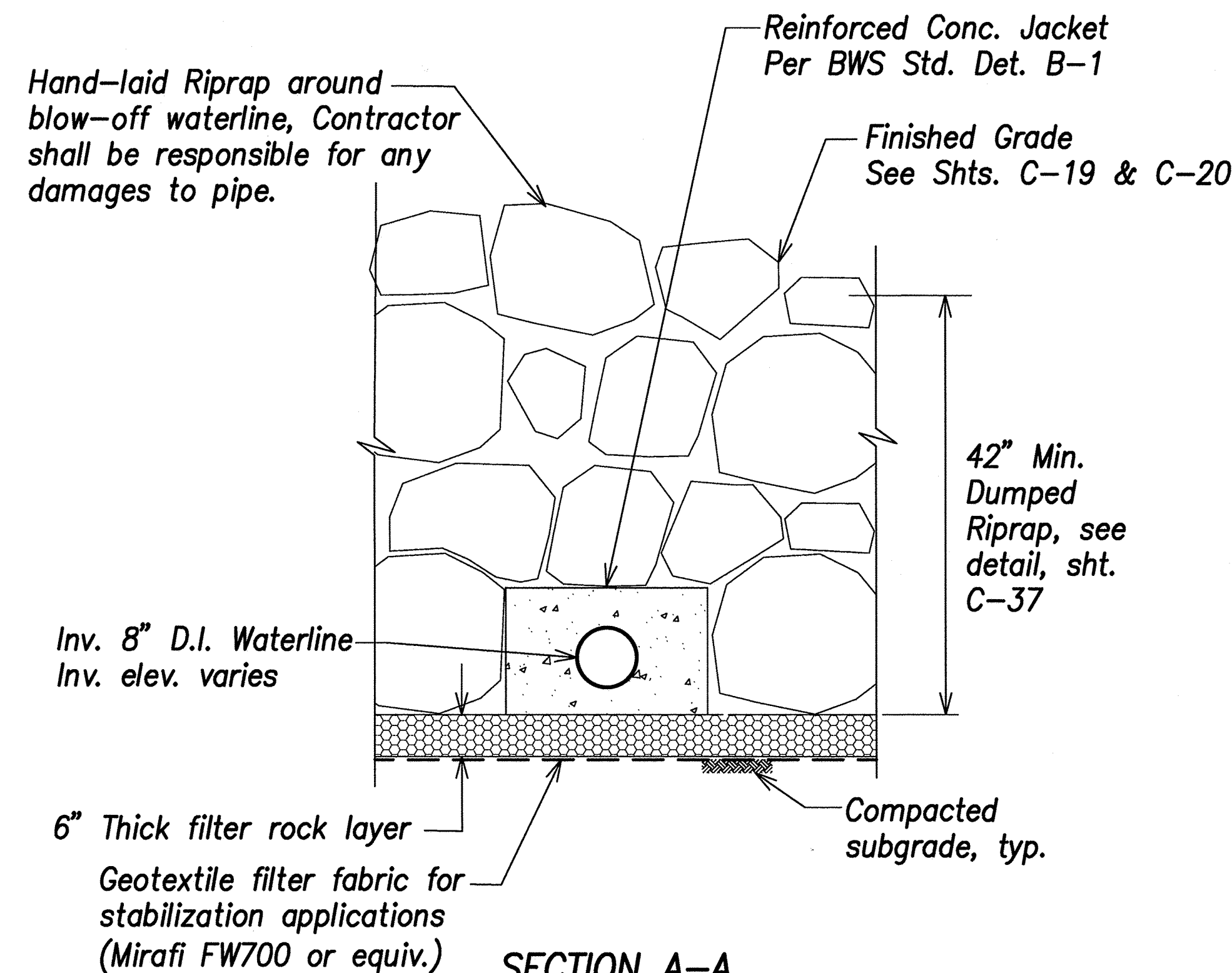
DATE	BY	CHK	DATE	BY	CHK
DESIGNED BY	DRN	W	DESIGNED BY	DRN	W
NOTE BOOK	NO.		NOTE BOOK	NO.	
CHECKED BY			CHECKED BY		

APPROVED:  MAY 24 2021
Manager and Chief Engineer, BWS (for work affecting BWS facilities State R/W & BWS easements only) DATE



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
8-INCH WATERLINE PROFILES & WATERLINE DETAILS
Kamehameha Highway
Kaipapau Stream Bridge Replacement
Federal Aid Project No. BR-083-1(48)
Scale: As Noted Date: February 2021

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-083-1(48)	2021	42	161



TYPICAL 8-INCH BLOW-OFF WATERLINE DETAIL
Scale: 1"=2'

APPROVED: *[Signature]* MAY 24 2021
Manager and Chief Engineer, BWS
(for work affecting BWS facilities
State R/W & BWS easements only)

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**8-INCH WATERLINE PROFILES
& WATERLINE DETAILS-2**

*Kamehameha Highway
Kaipapau Stream Bridge Replacement
Federal Aid Project No. BR-083-1(48)*

Scale: As Noted Date: February 2021

SHEET No. C-40 OF SHEETS

DATE	BY	NO.
DESIGNED BY	NO.	
CHECKED BY	NO.	
ORIGINAL PLAN	NO.	
NOTE BOOK	NO.	