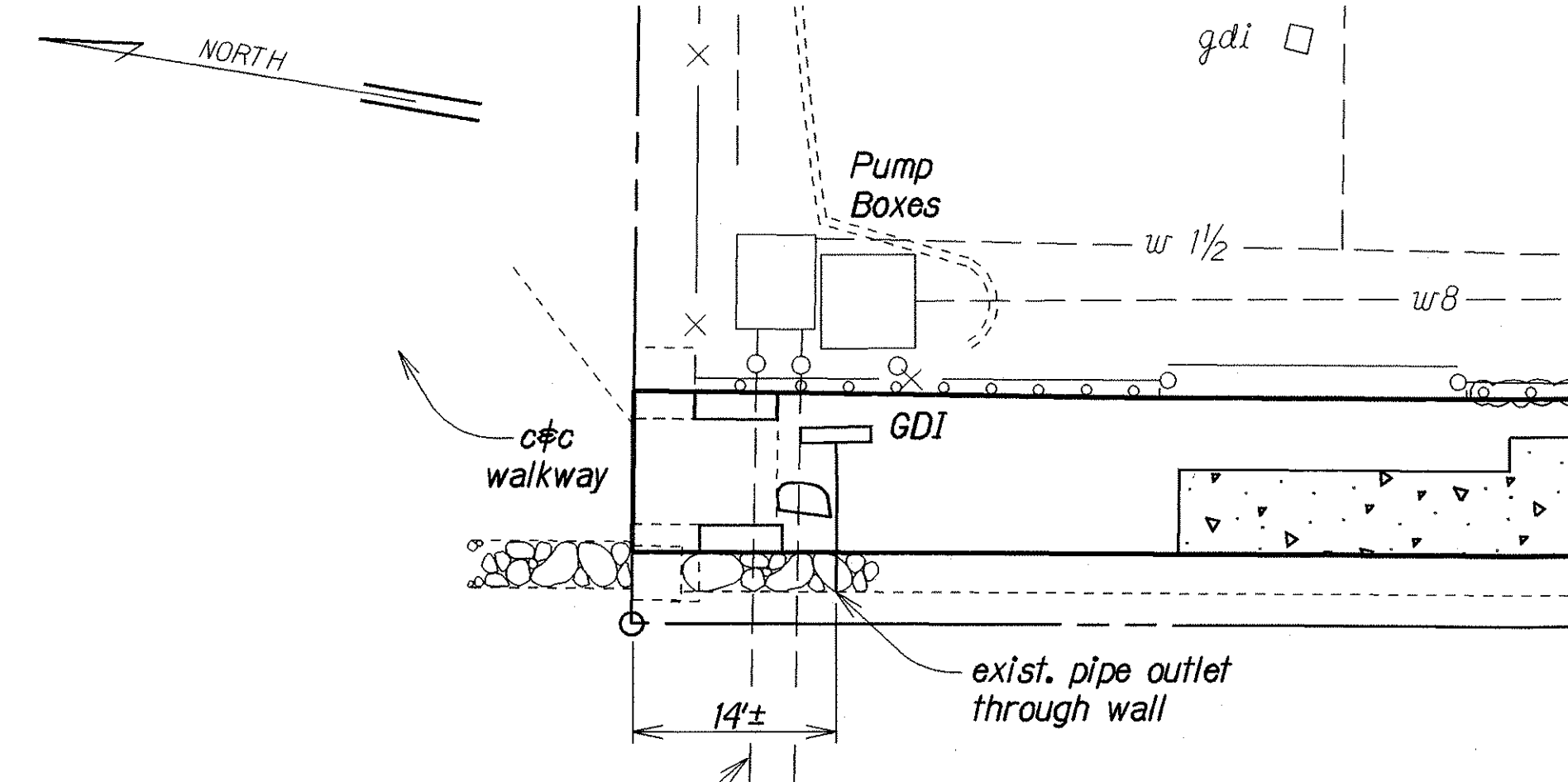
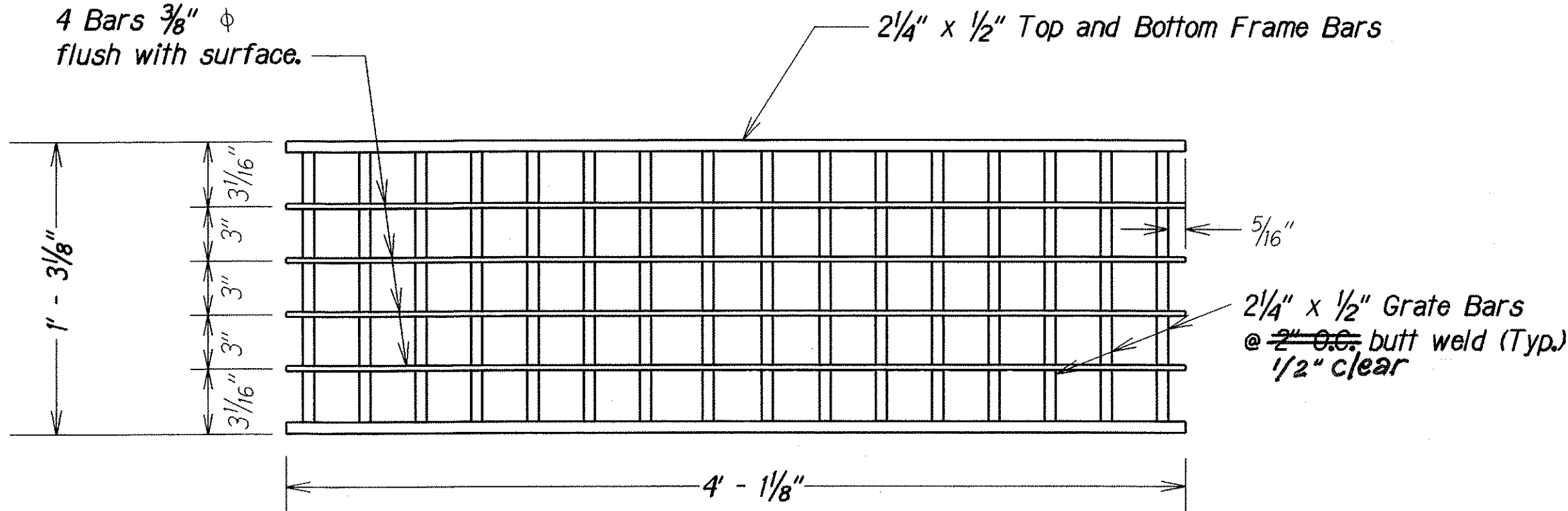


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(43)	2002	11	12



Caution:
Asbestos containing transite
Pipe. For existing profile
information see Sheet No. 12.

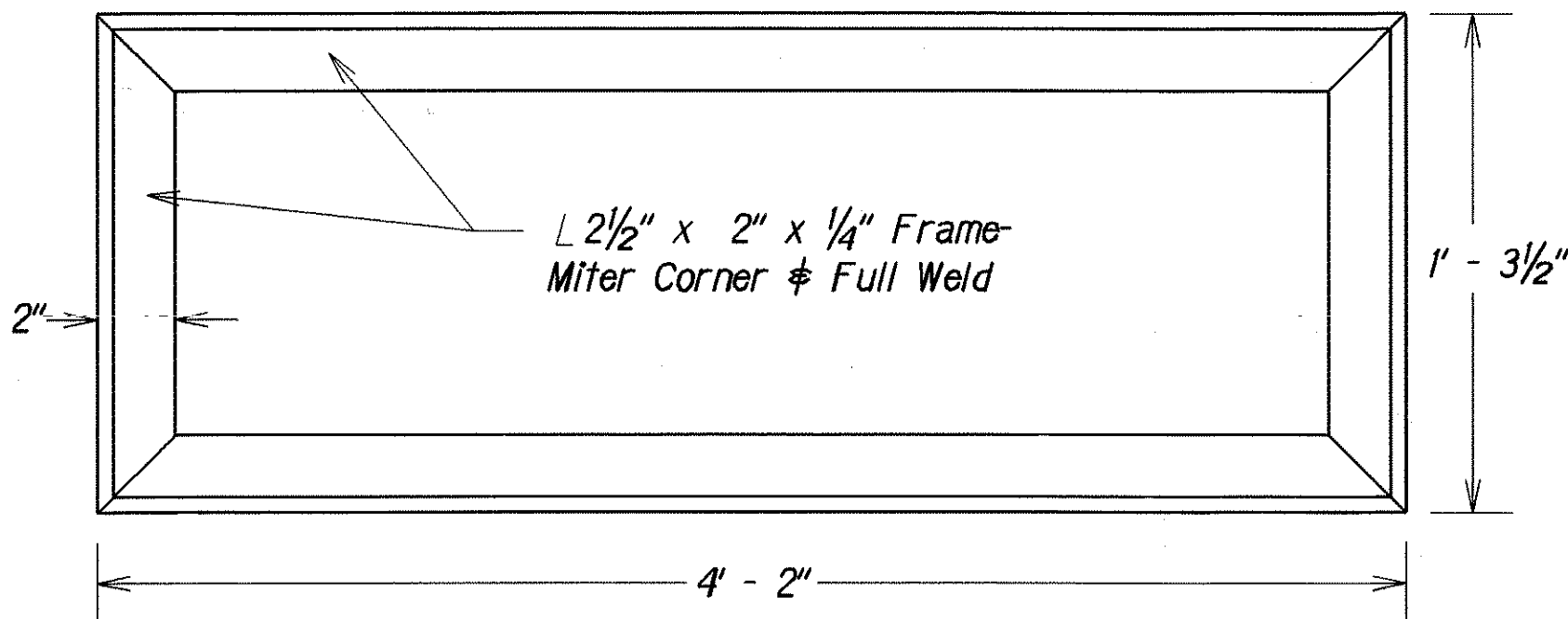
LAYOUT PLAN
Not to Scale



NOTES:

GRATE PLAN
Not to Scale

1. Contractor to fabricate Frame & Grate but not install. Completed Frame & Grate shall be stored w/ Waikiki Aquarium Personnel for installation by others.
1. All welds $\frac{5}{16}$ " unless otherwise noted.
2. Frame and Grate shall be Stainless steel per ASTM A167, Type 304.
3. Anchor bolts shall be Stainless steel per ASTM F593.

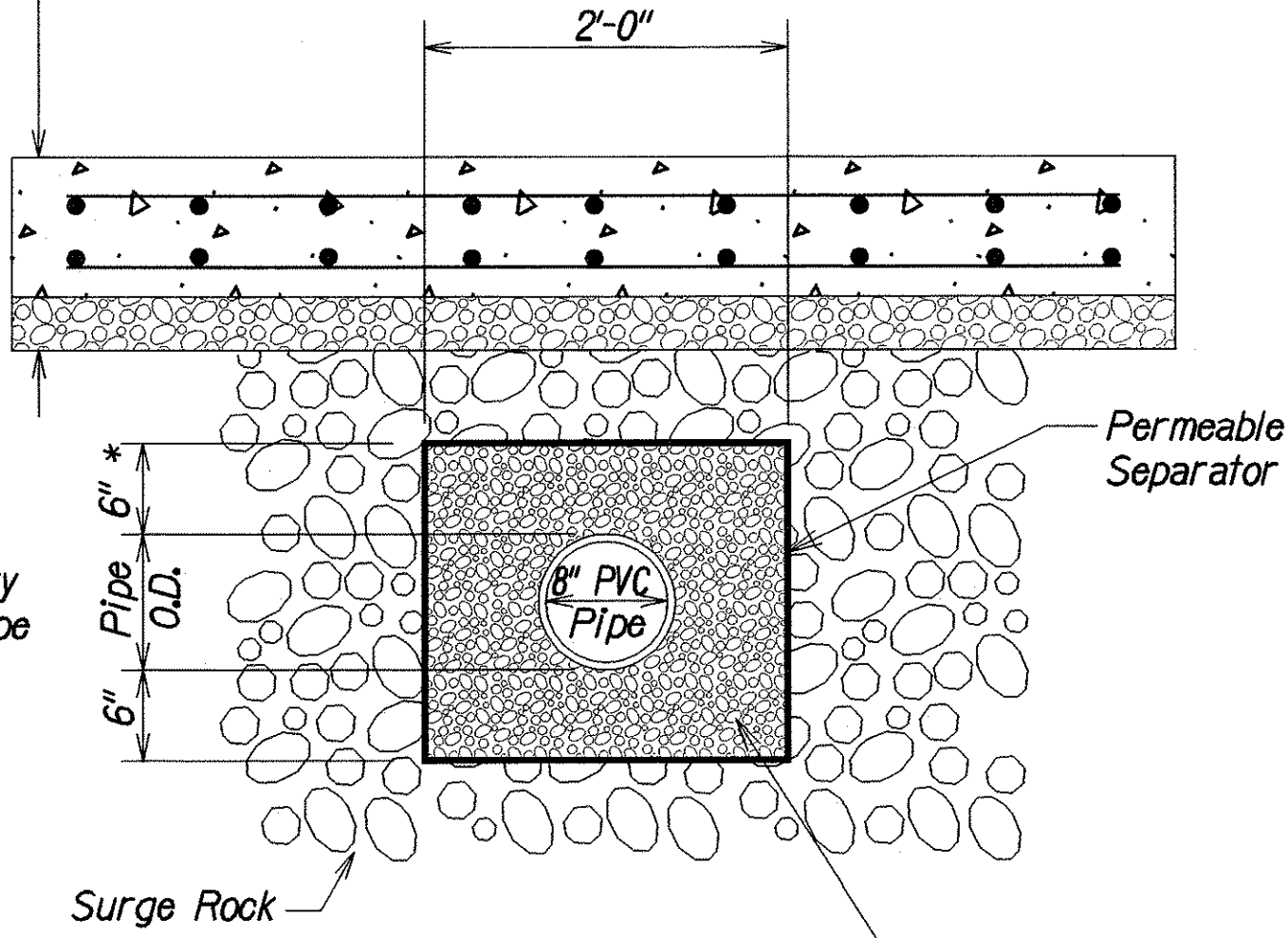


FRAME PLAN
Not to Scale

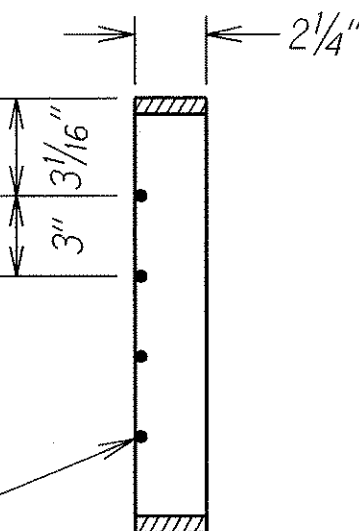
TYPE "A" DRAIN INLET - STAINLESS STEEL FRAME AND GRATE DETAIL
Not to Scale

10" Reinforced
Conc. Sidewalk
4" Aggregate
Base Course

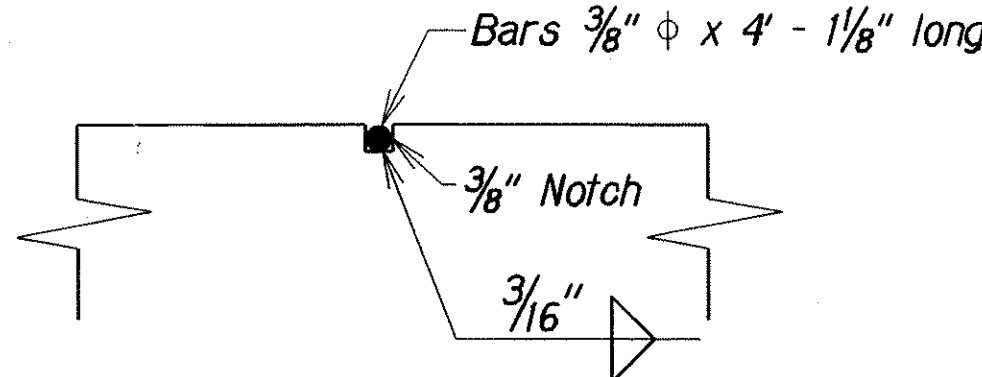
*This thickness will vary
from 6" to 0 where Pipe
intersects Sidewalk
Pavement Structure.



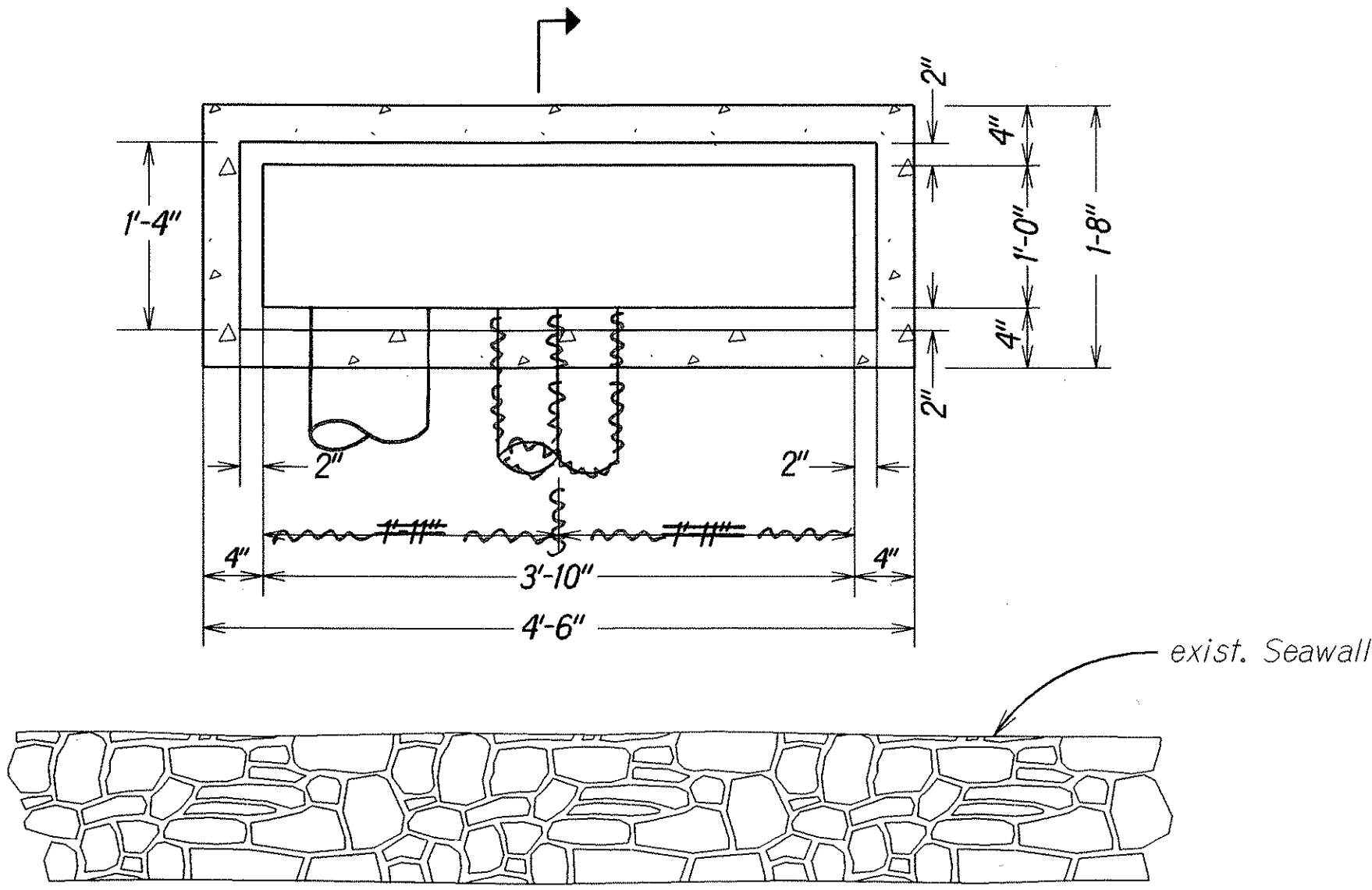
PIPE TRENCH DETAIL
Not to Scale



GRATE SECTION
Not to Scale



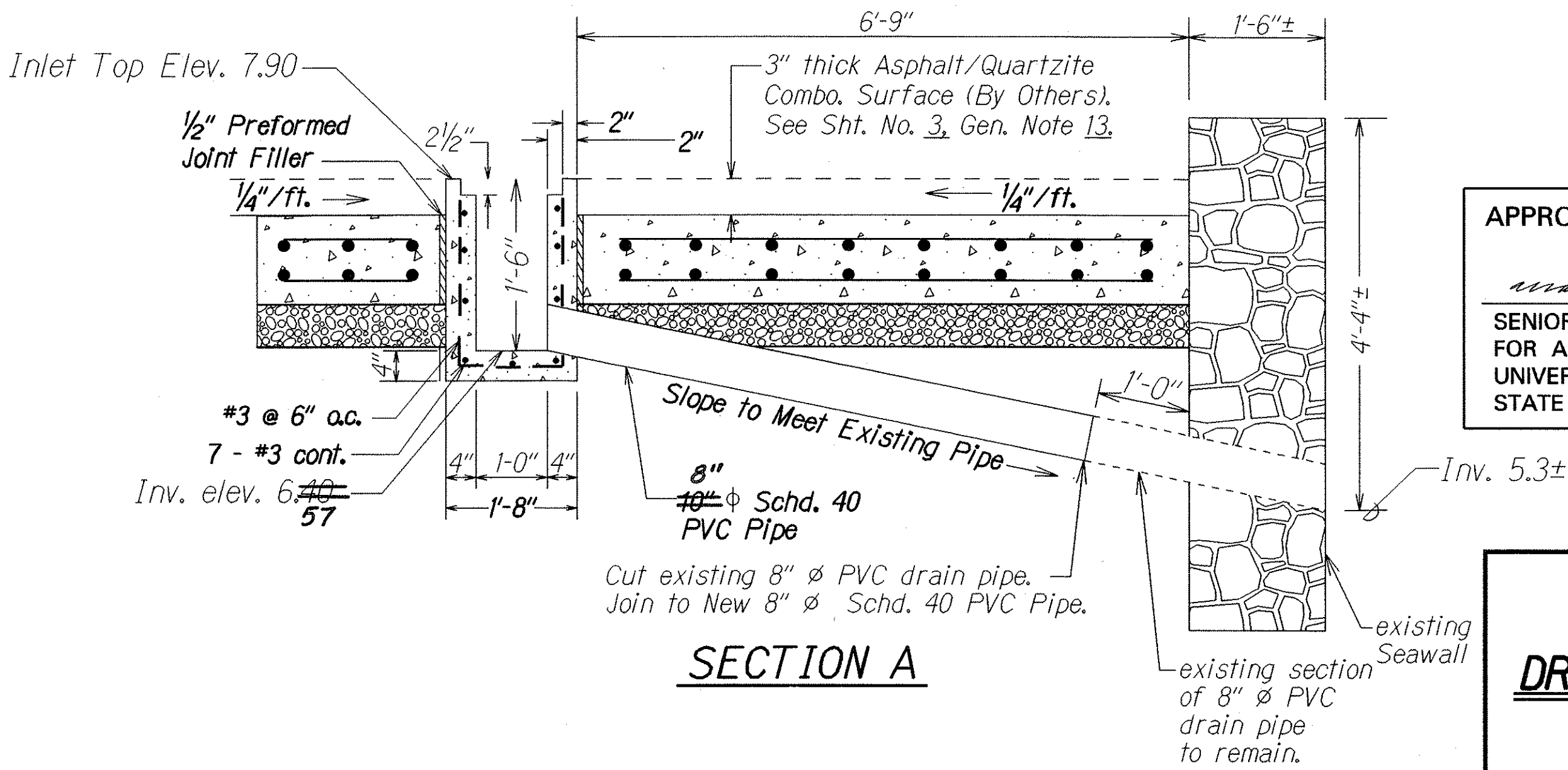
NOTCH DETAIL
Not to Scale



PLAN - DETAIL
Not to Scale

NOTES:

1. Concrete shall be Class A.



SECTION A

TYPE 'A' DRAIN INLET DETAIL
Not to Scale

APPROVED:

1/14/01
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DRAINAGE PLAN AND DETAILS
WAIKIKI AQUARIUM
REPAIR OF PEDESTRIAN WALKWAY
Federal Aid Project No. STP-0300(43)
Scale: As Shown Date: Oct., 2001
SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	DATE: 10/22/01
DRAWN BY: G. Kawahara	
CHECKED BY: B. T. Yau	
NOTED BY: B. T. Yau	
QUANTITIES BY: B. T. Yau	
CHECKED BY: B. T. Yau	