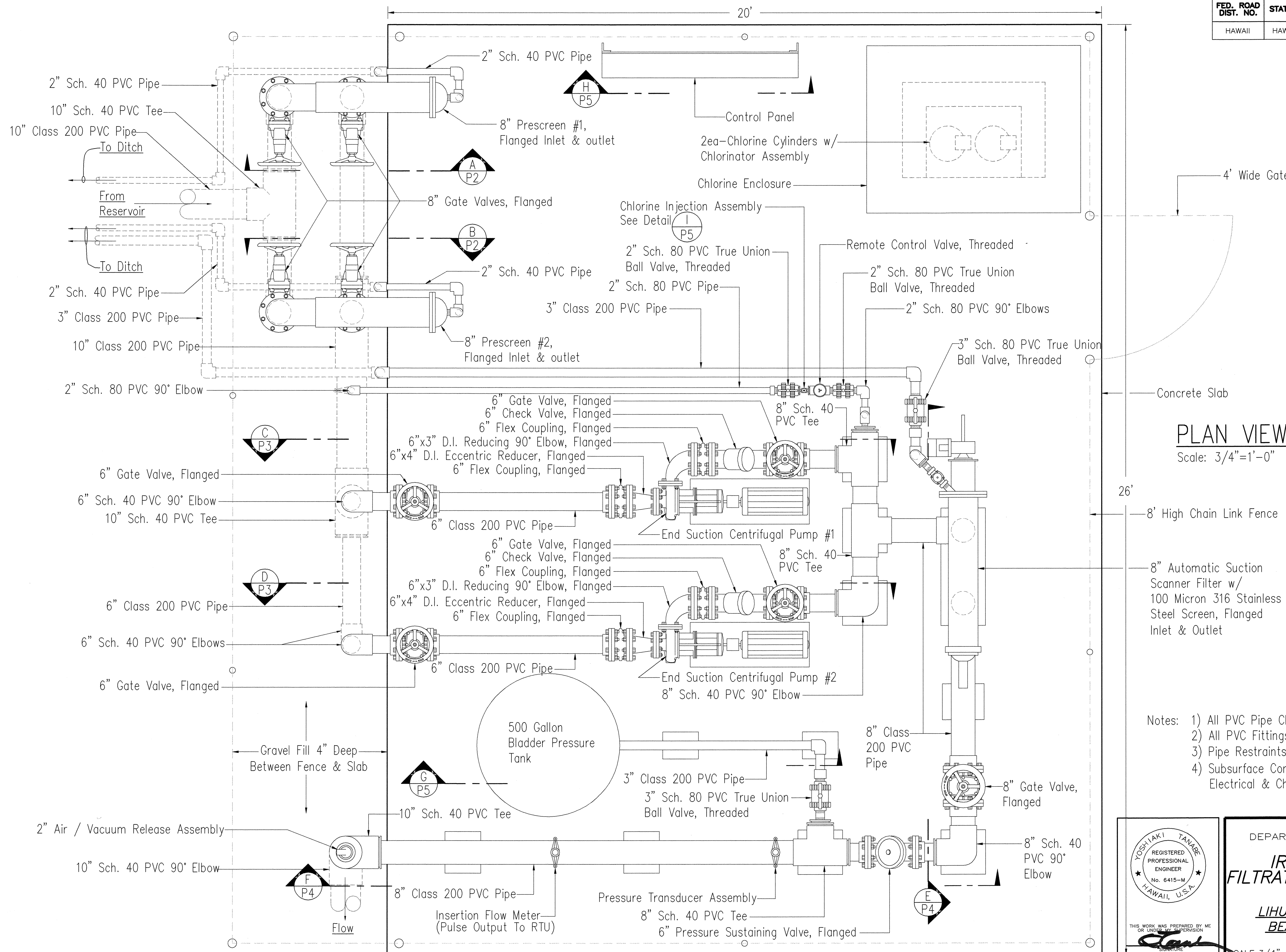


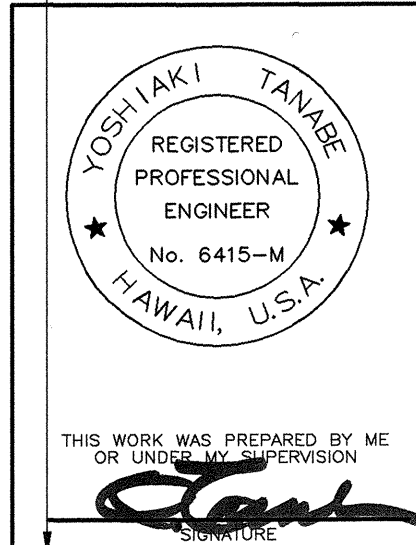
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(43)	1998	41	141



PLAN VIEW
Scale: 3/4"=1'-0"

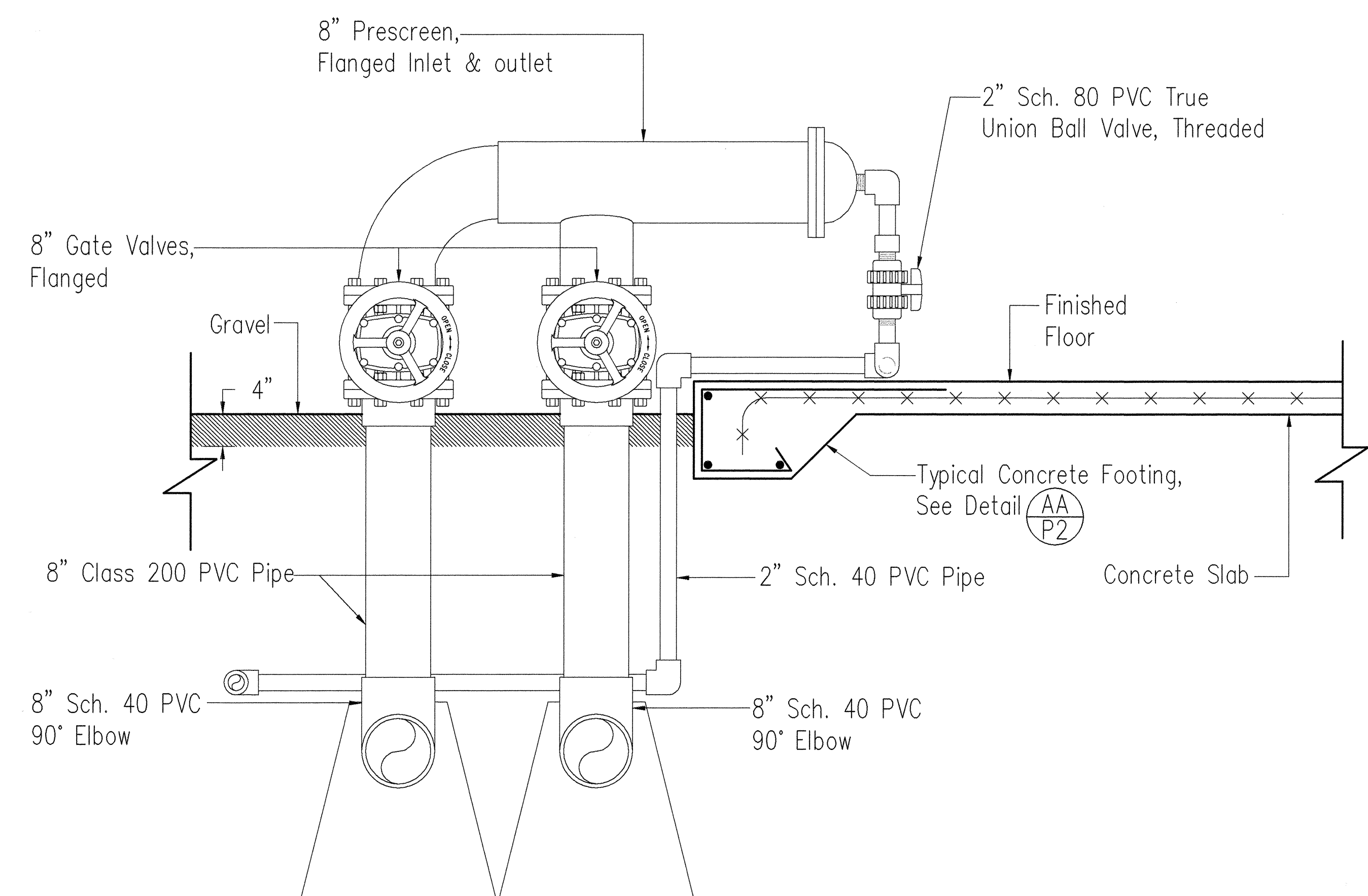
- Notes:
- 1) All PVC Pipe Class 200 Unless Noted.
 - 2) All PVC Fittings Sch. 40 Unless Noted.
 - 3) Pipe Restraints & Thrust Supports Required.
 - 4) Subsurface Conduits Required For All Electrical & Chlorine.

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

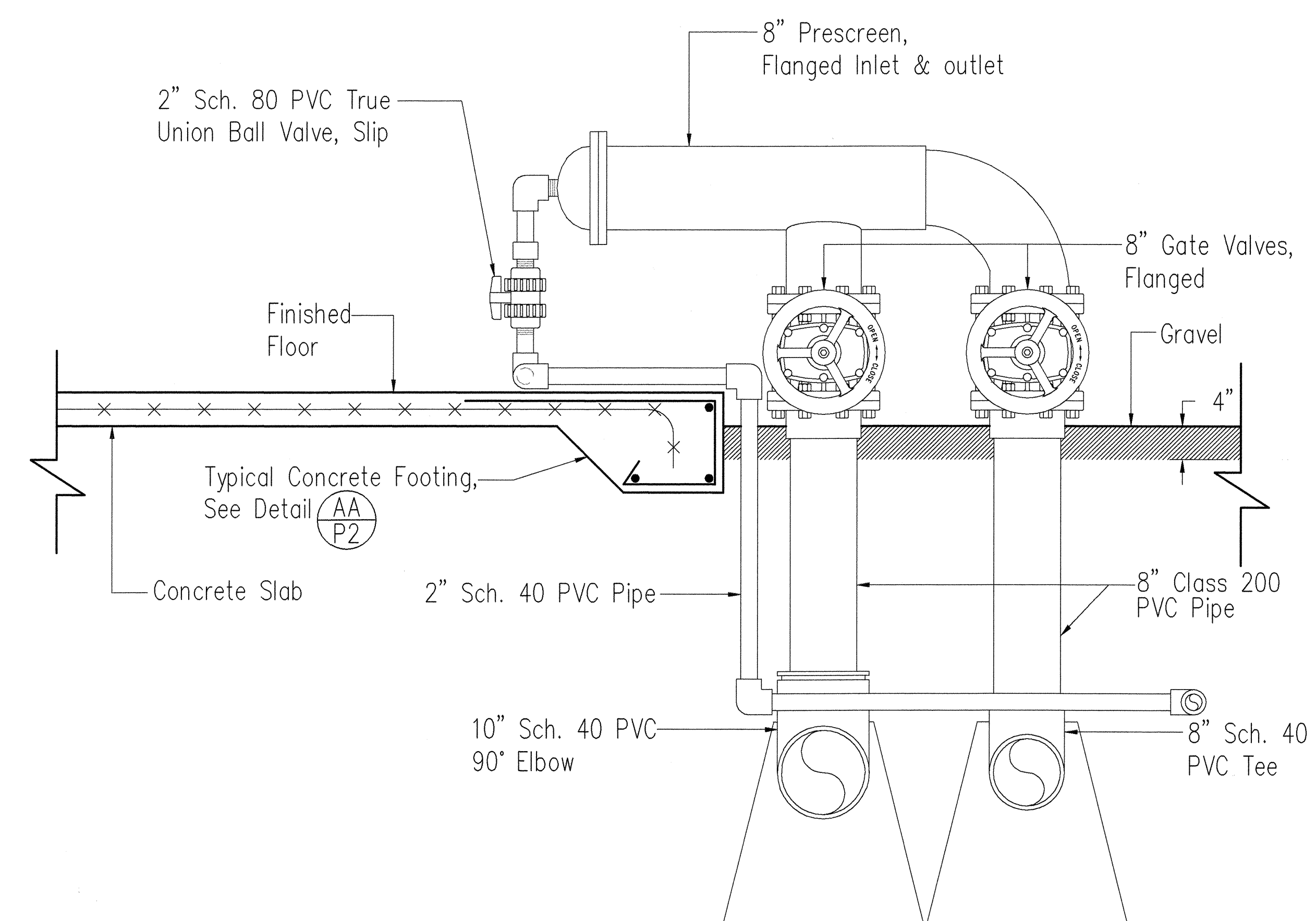


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**IRRIGATION PUMP,
FILTRATION & DISTRIBUTION
FACILITY PLAN**
**LIHUE GATEWAY LANDSCAPE
BEAUTIFICATION PROJECT**

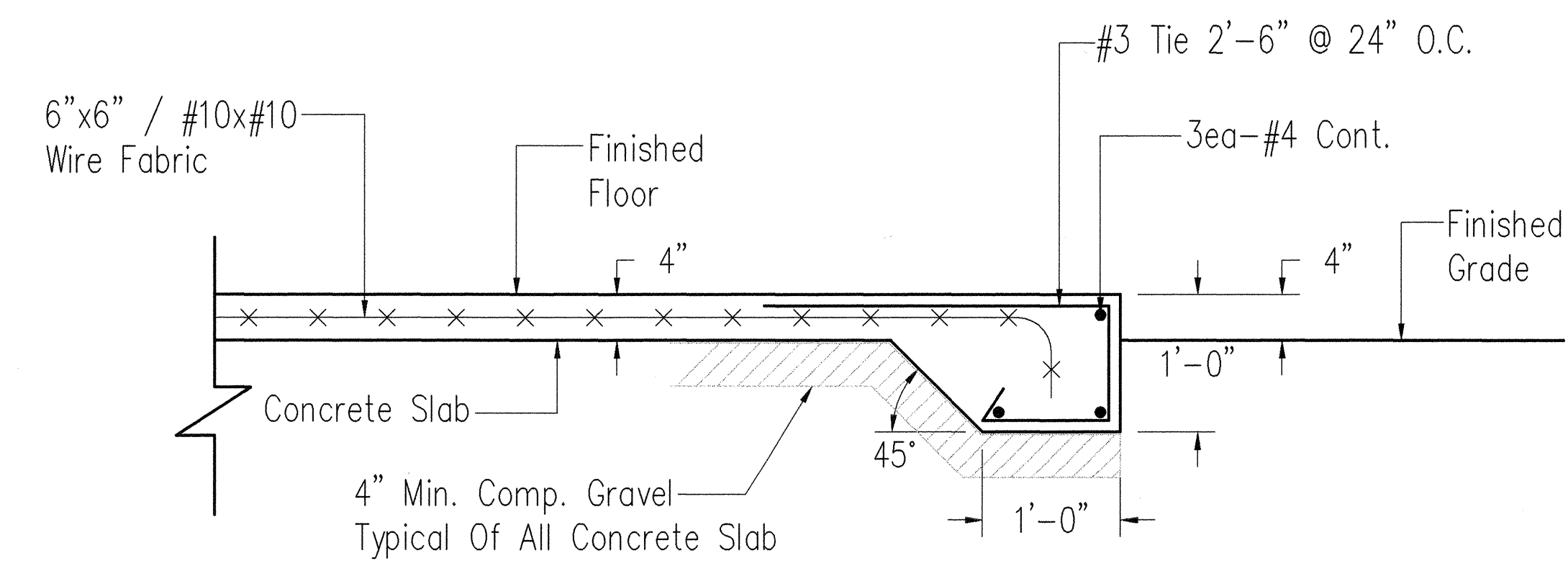
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(43)	1998	42	141



PRESCREEN #1 DETAIL, ELEVATION VIEW A
P2
Scale: 1"=1'-0"



PRESCREEN #2 DETAIL, ELEVATION VIEW B
P2
Scale: 1"=1'-0"



FOOTING DETAIL, ELEVATION VIEW AA
P2
Scale: 1"=1'-0"

- Notes:
- 1) All PVC Pipe Class 200 Unless Noted.
 - 2) All PVC Fittings Sch. 40 Unless Noted.
 - 3) Pipe Restraints & Thrust Supports Required.
 - 4) Subsurface Conduits Required For All Electrical & Chlorine.

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
NOTE BOOK	_____
CHECKED BY	_____
No.	_____

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

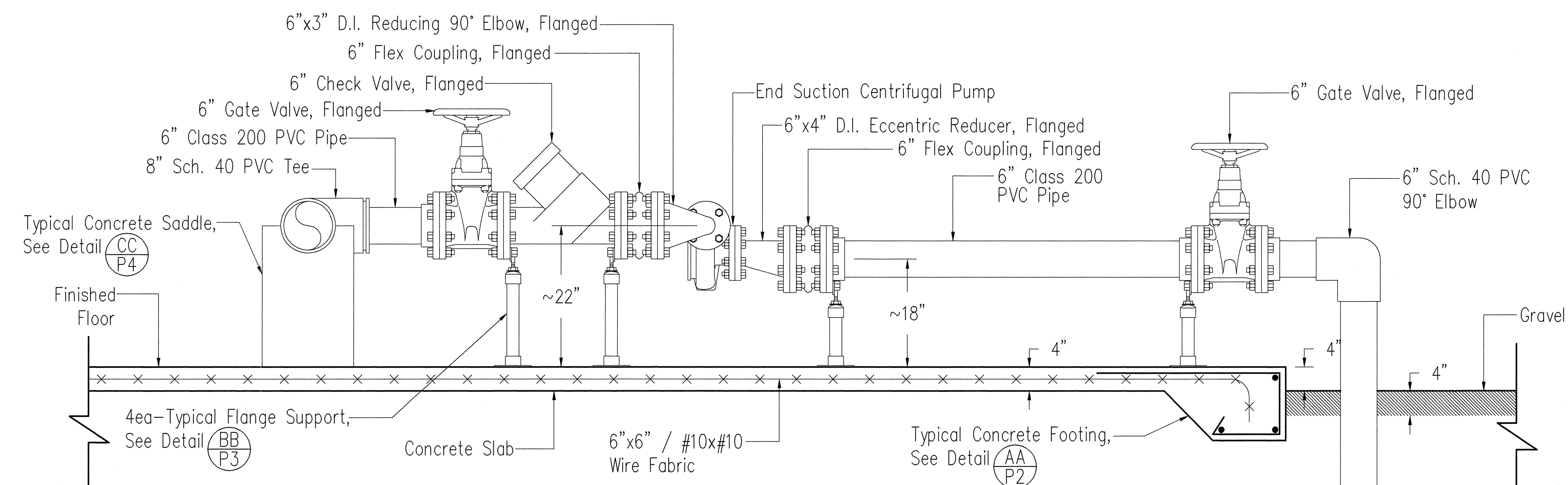
**IRRIGATION PUMP,
FILTRATION & DISTRIBUTION
FACILITY DETAILS**

**LIHUE GATEWAY LANDSCAPE
BEAUTIFICATION PROJECT**

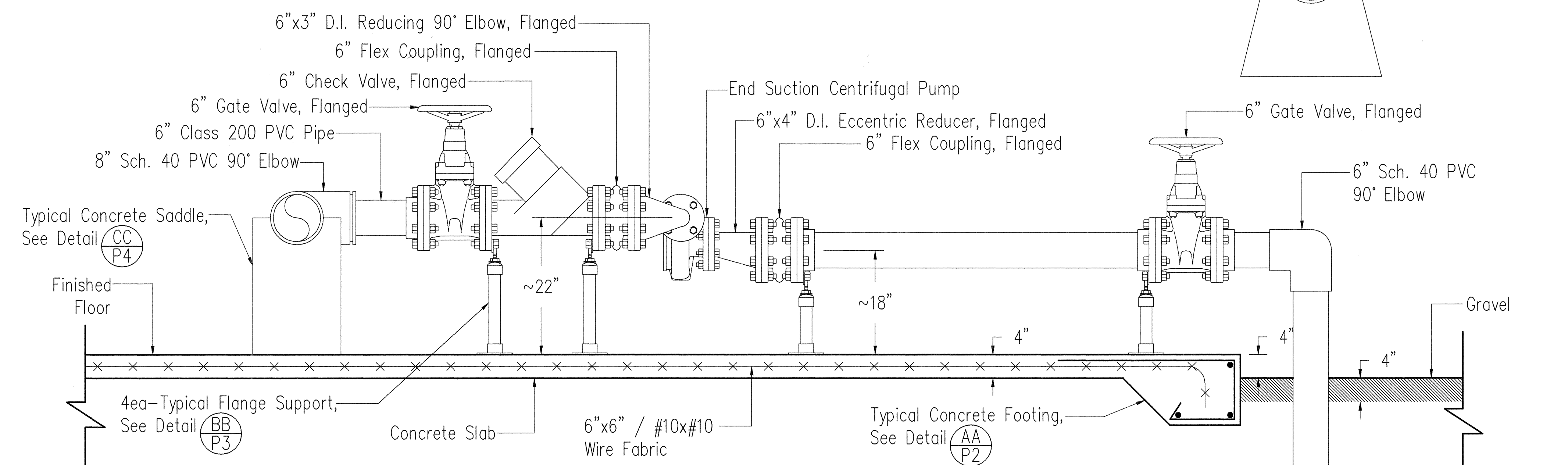
SCALE: 1"=1'-0" DATE: July 31, 1998

SHEET No. P2 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(43)	1998	43	141

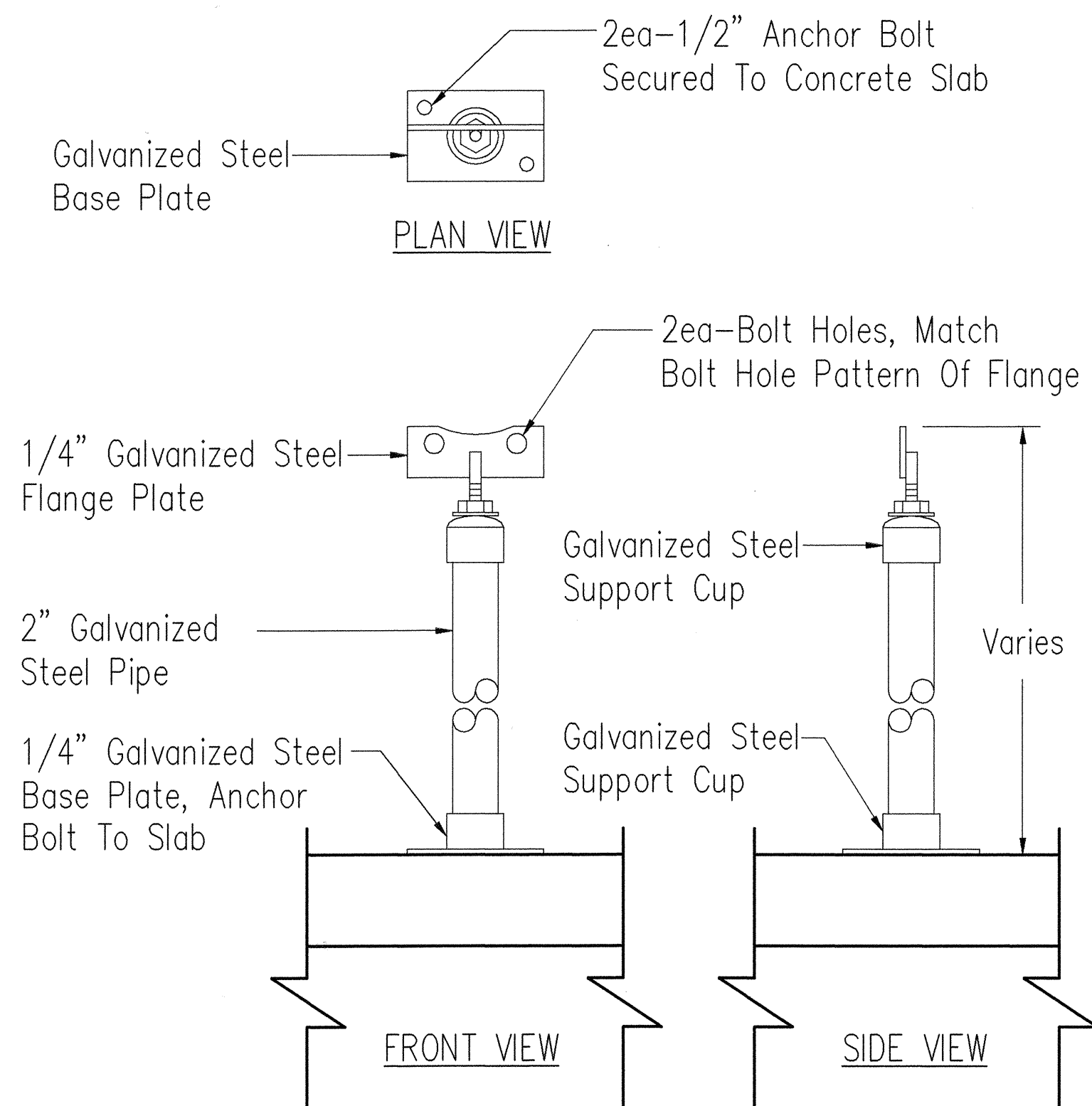


PUMP #1 DETAIL, ELEVATION VIEW (C P3)
Scale: 1"=1'-0"



PUMP #2 DETAIL, ELEVATION VIEW (D P3)
Scale: 1"=1'-0"

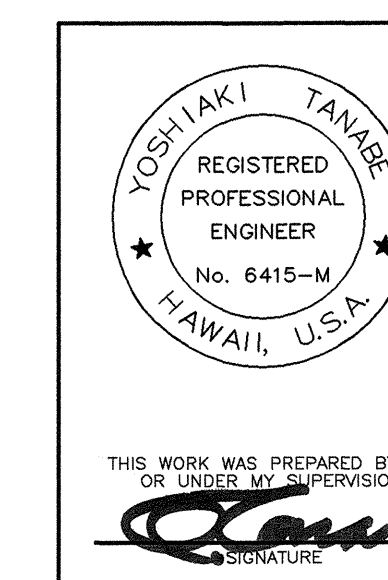
- Notes:
- 1) All PVC Pipe Class 200 Unless Noted.
 - 2) All PVC Fittings Sch. 40 Unless Noted.
 - 3) Pipe Restraints & Thrust Supports Required.
 - 4) Subsurface Conduits Required For All Electrical & Chlorine.



Note: Fabricate & Weld To Provide Proper Support & Stability

TYPICAL FLANGE SUPPORT DETAIL (BB P3)
NTS

DATE	_____
SURVEY PLOTTED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
CHECKED BY	_____
NO.	_____



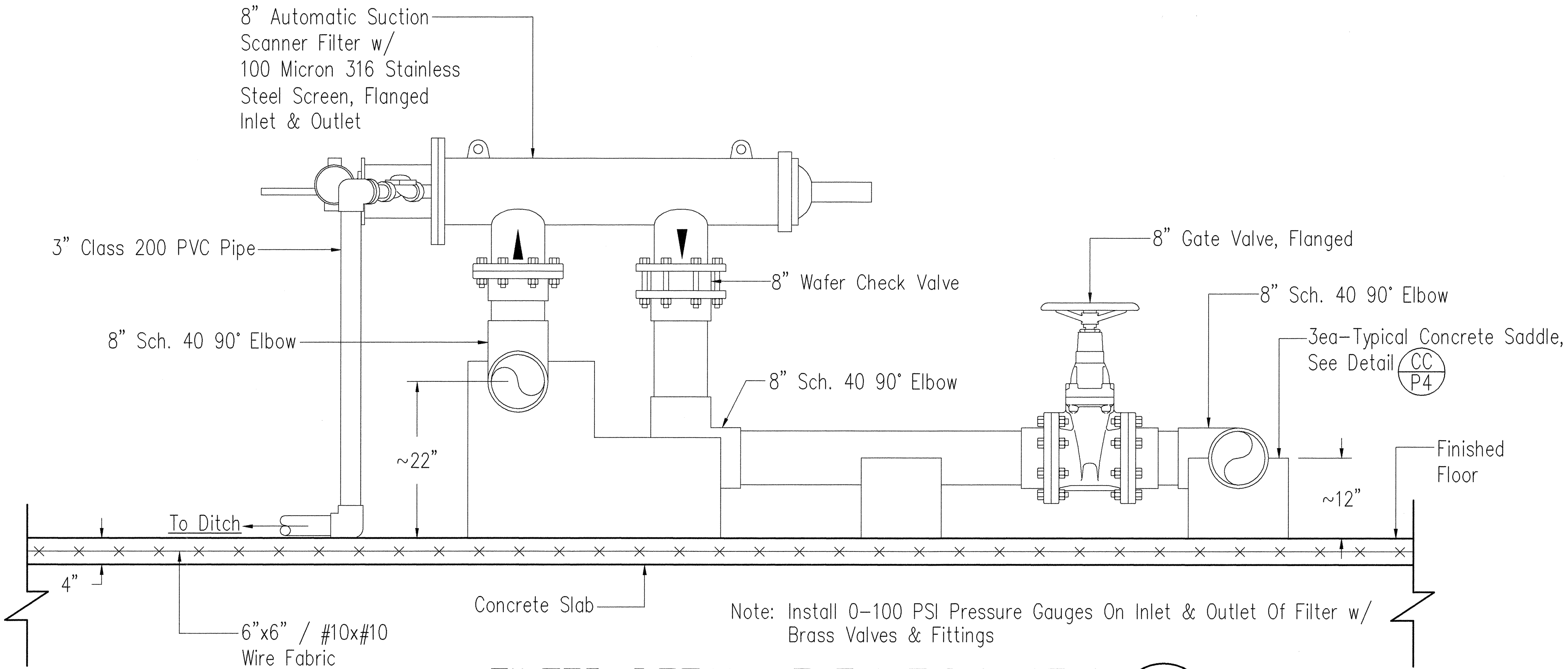
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PUMP, FILTRATION & DISTRIBUTION FACILITY DETAILS

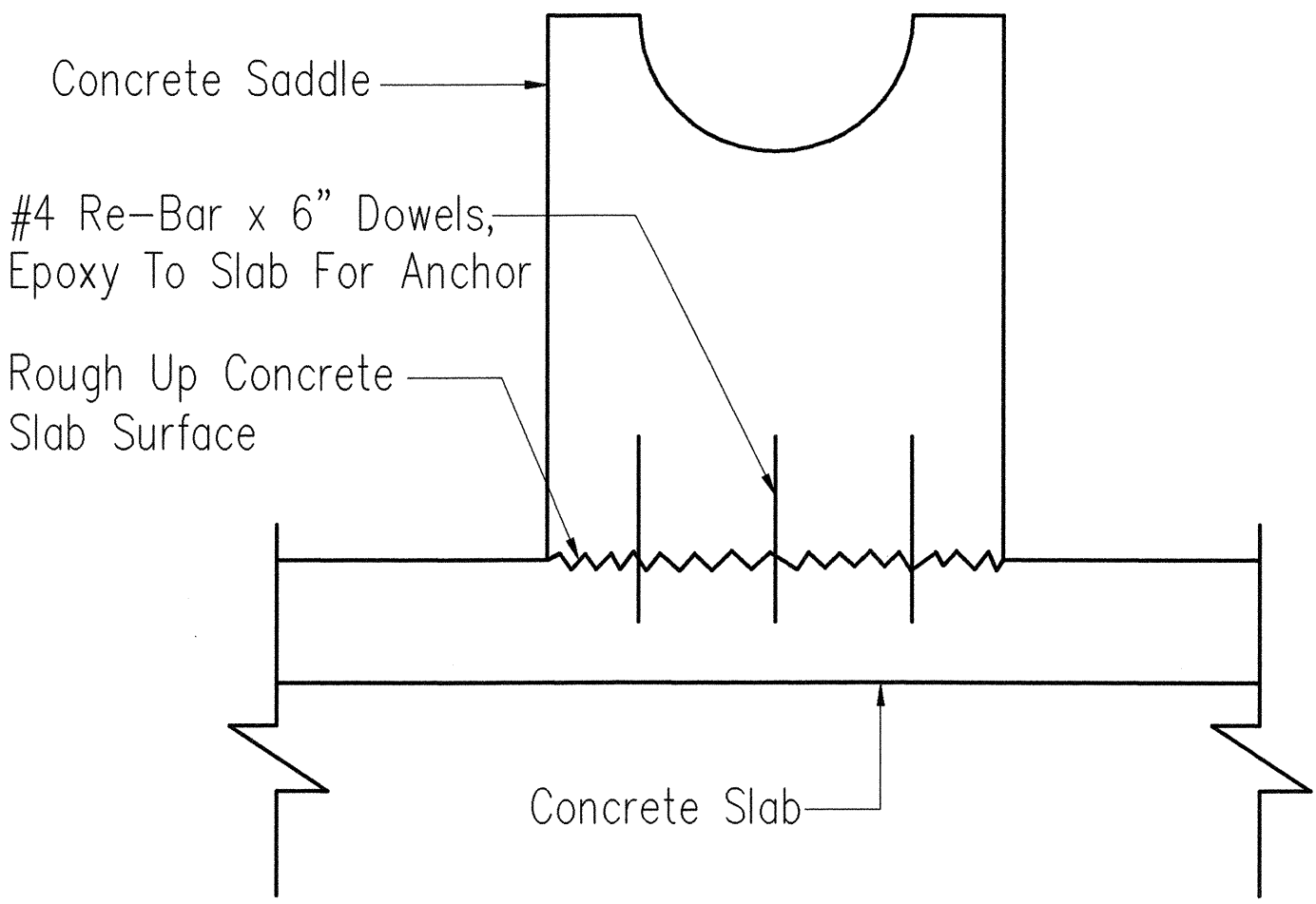
LIHUE GATEWAY LANDSCAPE BEAUTIFICATION PROJECT

SCALE: 1"=1'-0" DATE: July 31, 1998
SHEET No. P3 OF 6 SHEETS

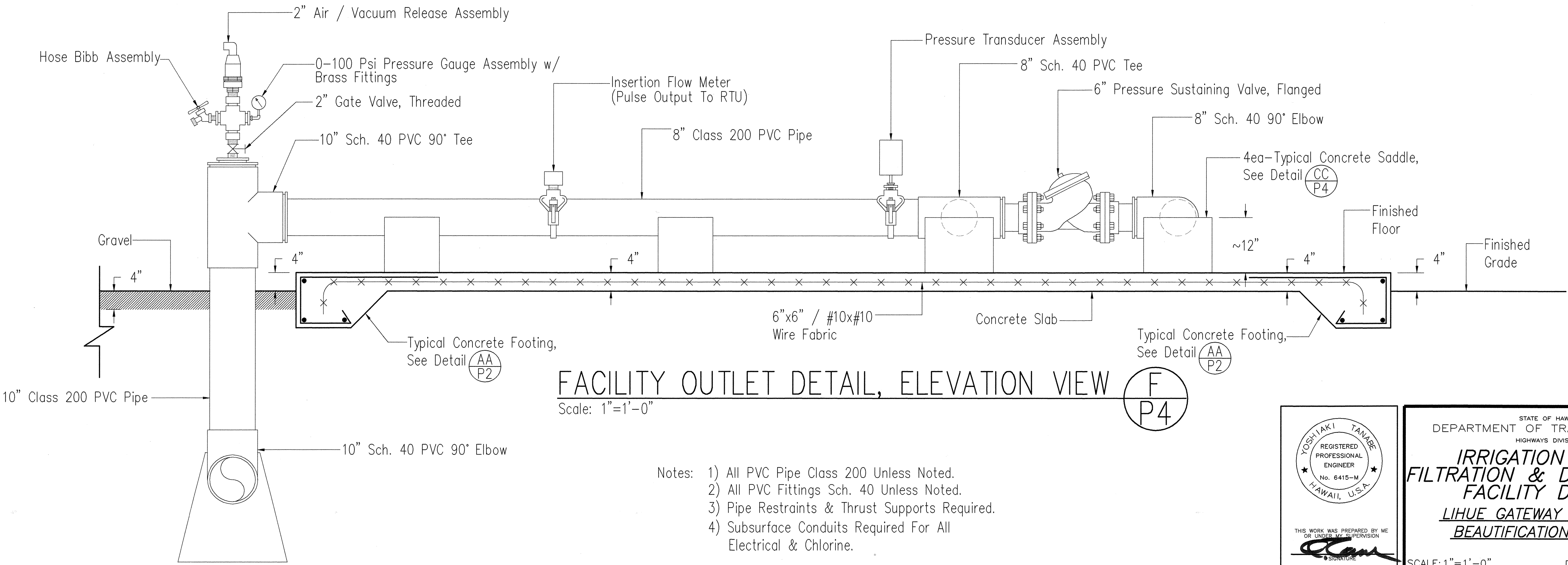
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(43)	1998	44	141



FILTER DETAIL, ELEVATION VIEW E
P4
 Scale: 1"=1'-0"

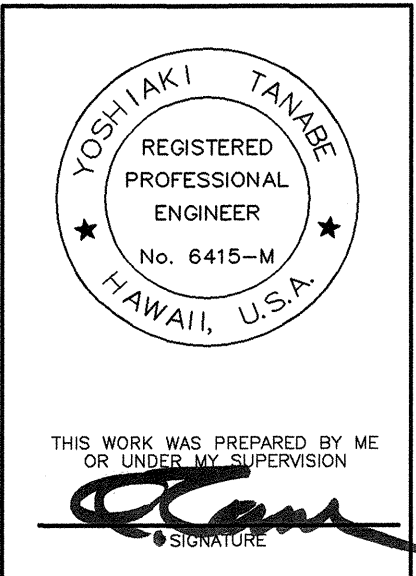


TYPICAL CONCRETE SADDLE
 DETAIL, ELEVATION VIEW CC
P4
 NTS



FACILITY OUTLET DETAIL, ELEVATION VIEW F
P4
 Scale: 1"=1'-0"

- Notes:
- 1) All PVC Pipe Class 200 Unless Noted.
 - 2) All PVC Fittings Sch. 40 Unless Noted.
 - 3) Pipe Restraints & Thrust Supports Required.
 - 4) Subsurface Conduits Required For All Electrical & Chlorine.



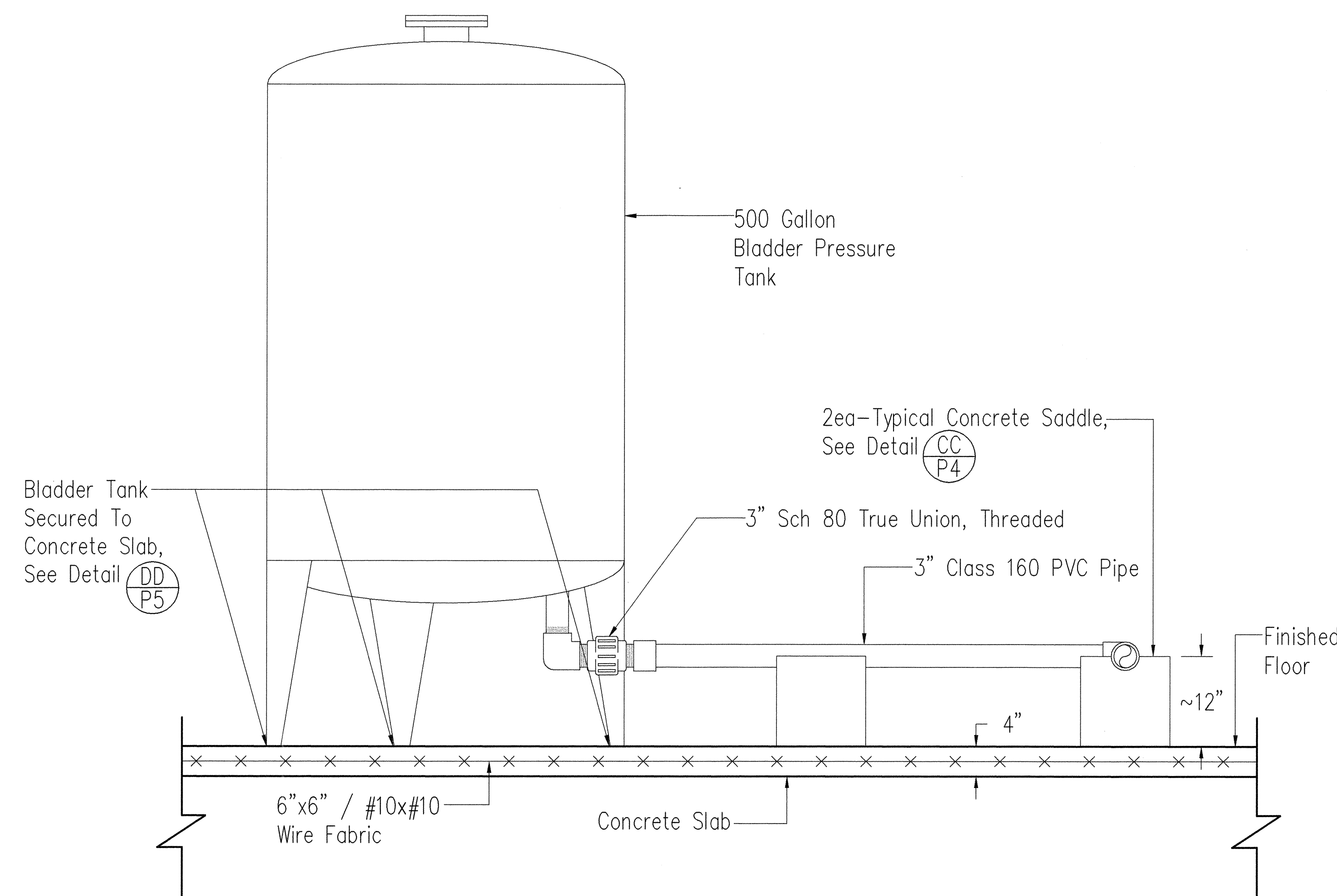
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**IRRIGATION PUMP,
 FILTRATION & DISTRIBUTION
 FACILITY DETAILS**
**LIHUE GATEWAY LANDSCAPE
 BEAUTIFICATION PROJECT**

SCALE: 1"=1'-0"
 SHEET No. **P4** OF 6 SHEETS

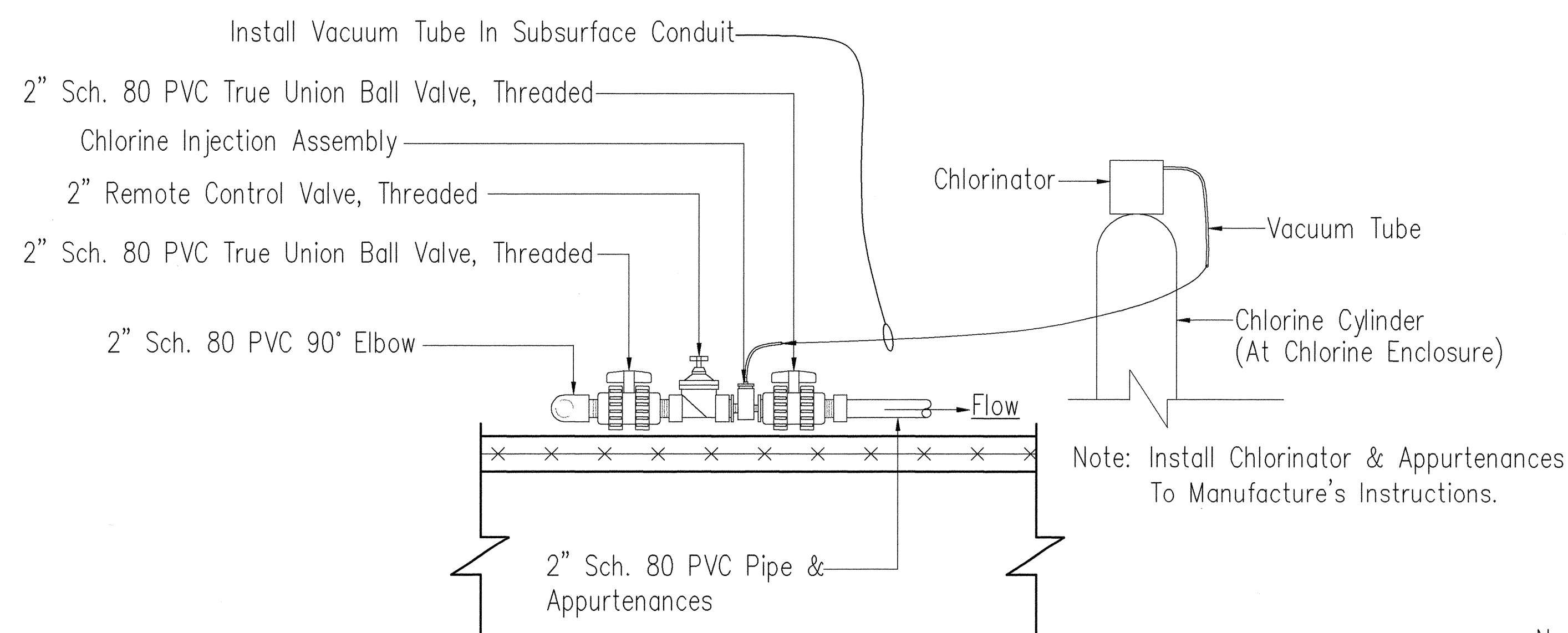
DATE: July 31, 1998

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

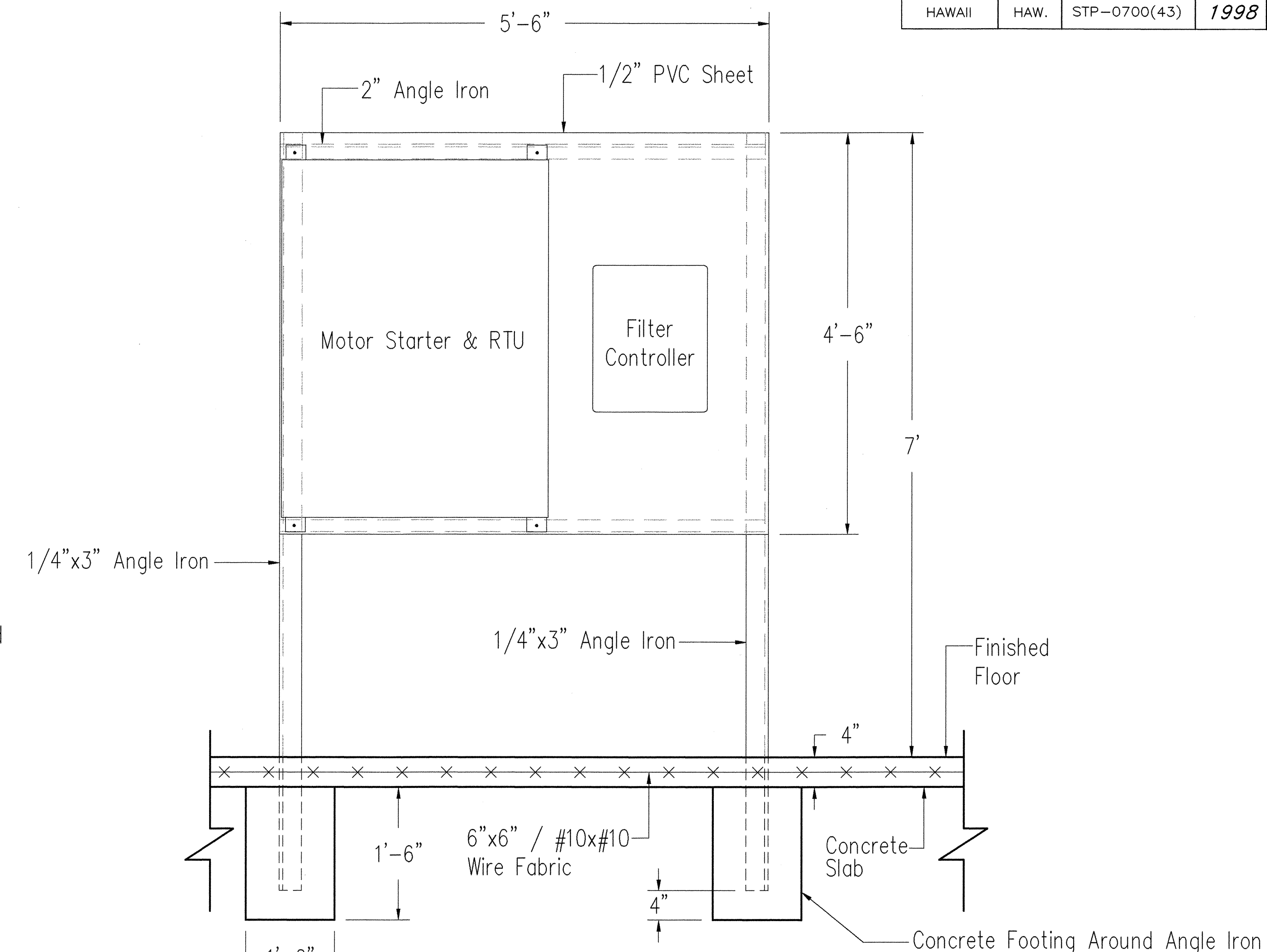
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(43)	1998	45	141



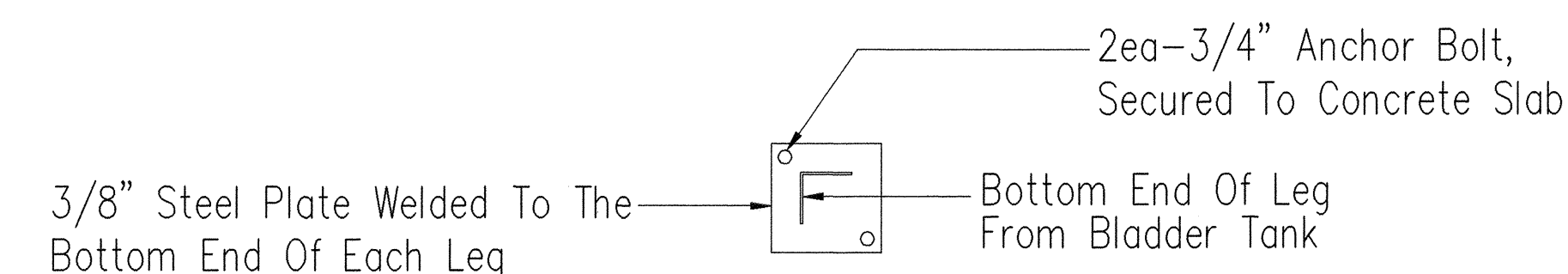
BLADDER TANK DETAIL, ELEVATION VIEW (G P5)
Scale: 1"=1'-0"



CHLORINE INJECTION DETAIL, ELEVATION VIEW (I P5)
NTS

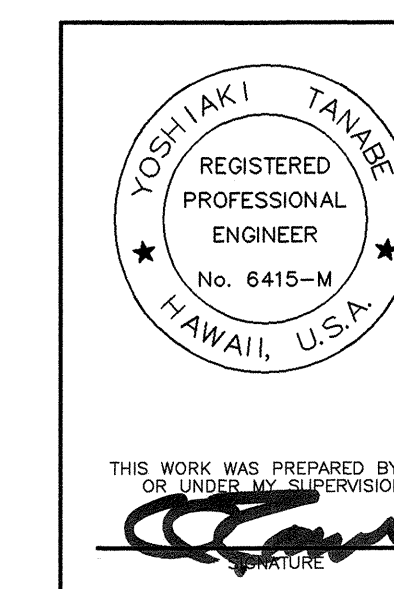


CONTROL PANEL DETAIL, ELEVATION VIEW (H P5)
Scale: 1"=1'-0"



BLADDER TANK BASE PLATE DETAIL, PLAN VIEW (DD P5)
NTS

- Notes:
- 1) All PVC Pipe Class 200 Unless Noted.
 - 2) All PVC Fittings Sch. 40 Unless Noted.
 - 3) Pipe Restraints & Thrust Supports Required.
 - 4) Subsurface Conduits Required For All Electrical & Chlorine.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

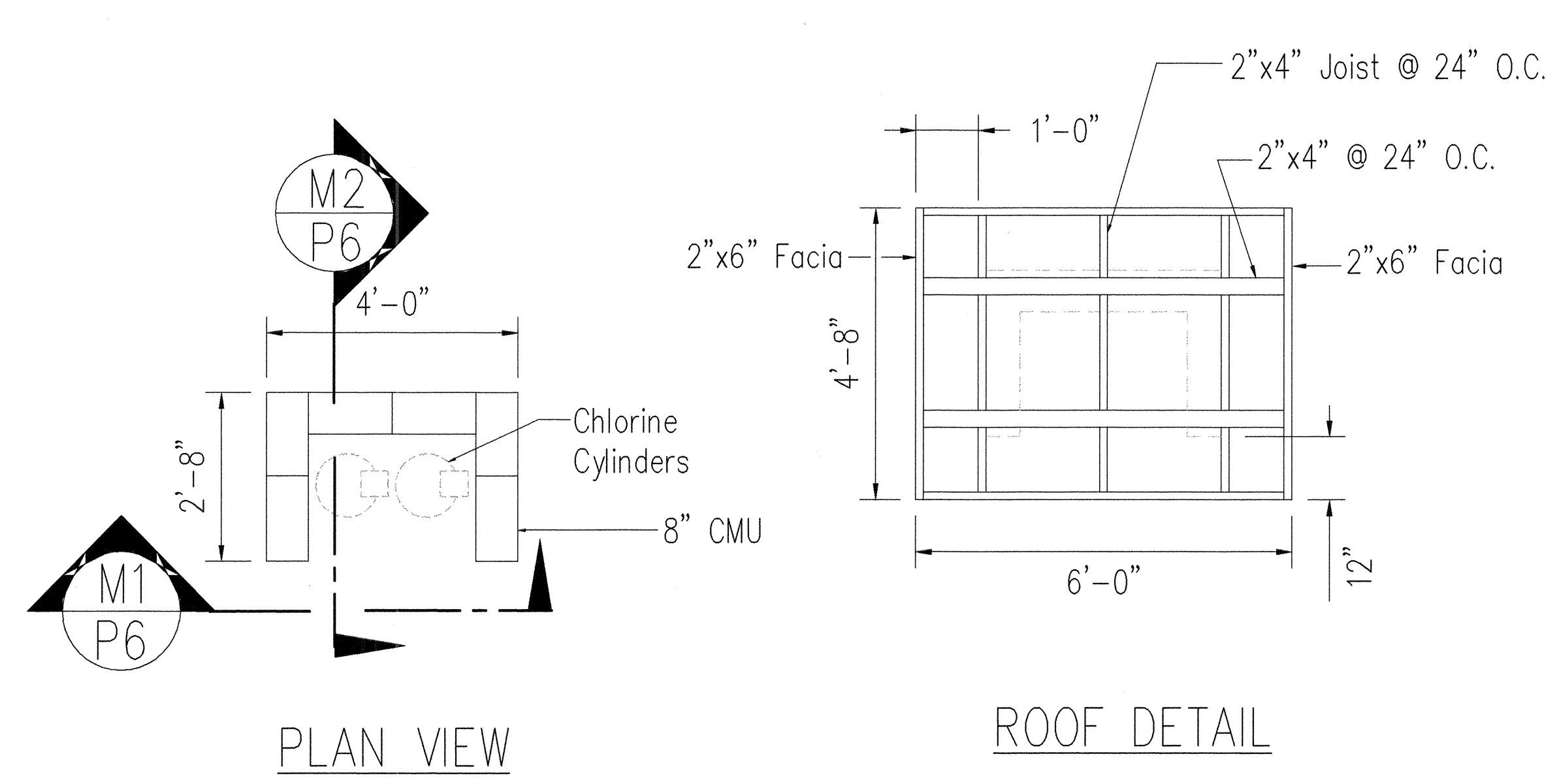
**IRRIGATION PUMP,
FILTRATION & DISTRIBUTION
FACILITY DETAILS**

**LIHUE GATEWAY LANDSCAPE
BEAUTIFICATION PROJECT**

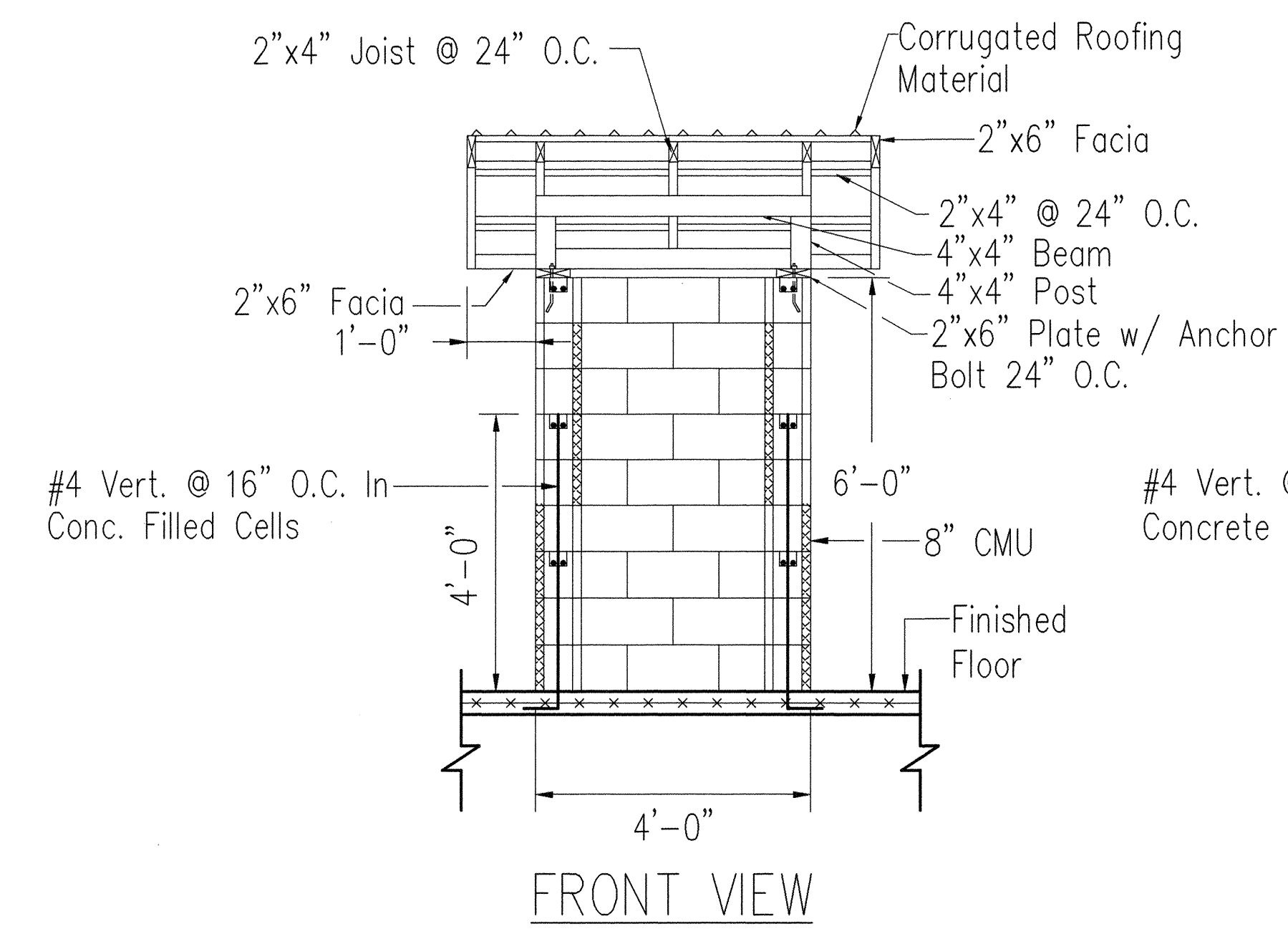
SCALE: 1"=1'-0" DATE: July 31, 1998
SHEET No. P5 OF 6 SHEETS

DATE	_____
ORIGINAL PLAN	_____
TRACED BY	_____
NOTED BY	_____
CHECKED BY	_____
NO.	_____

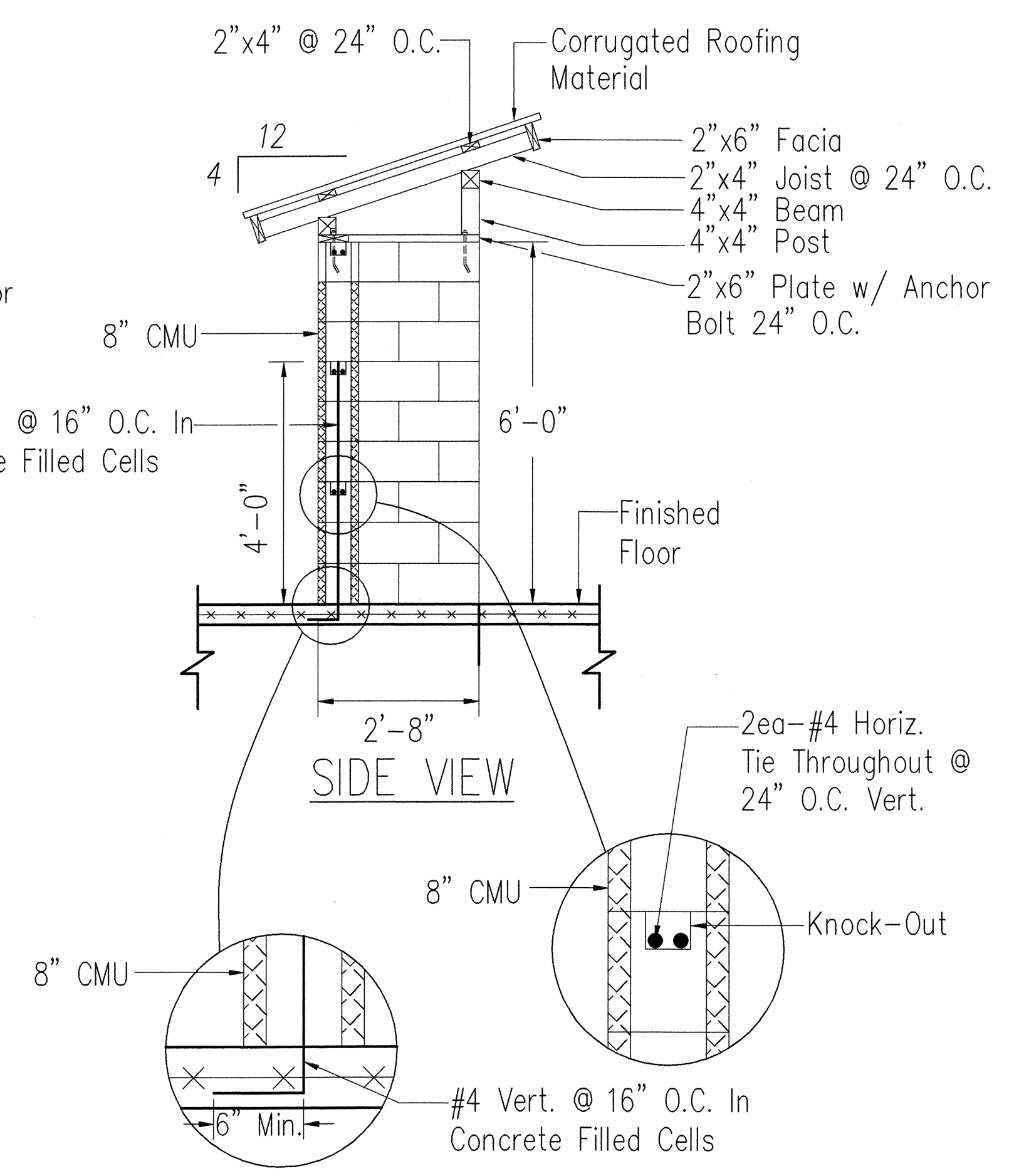
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(43)	1998	46	141



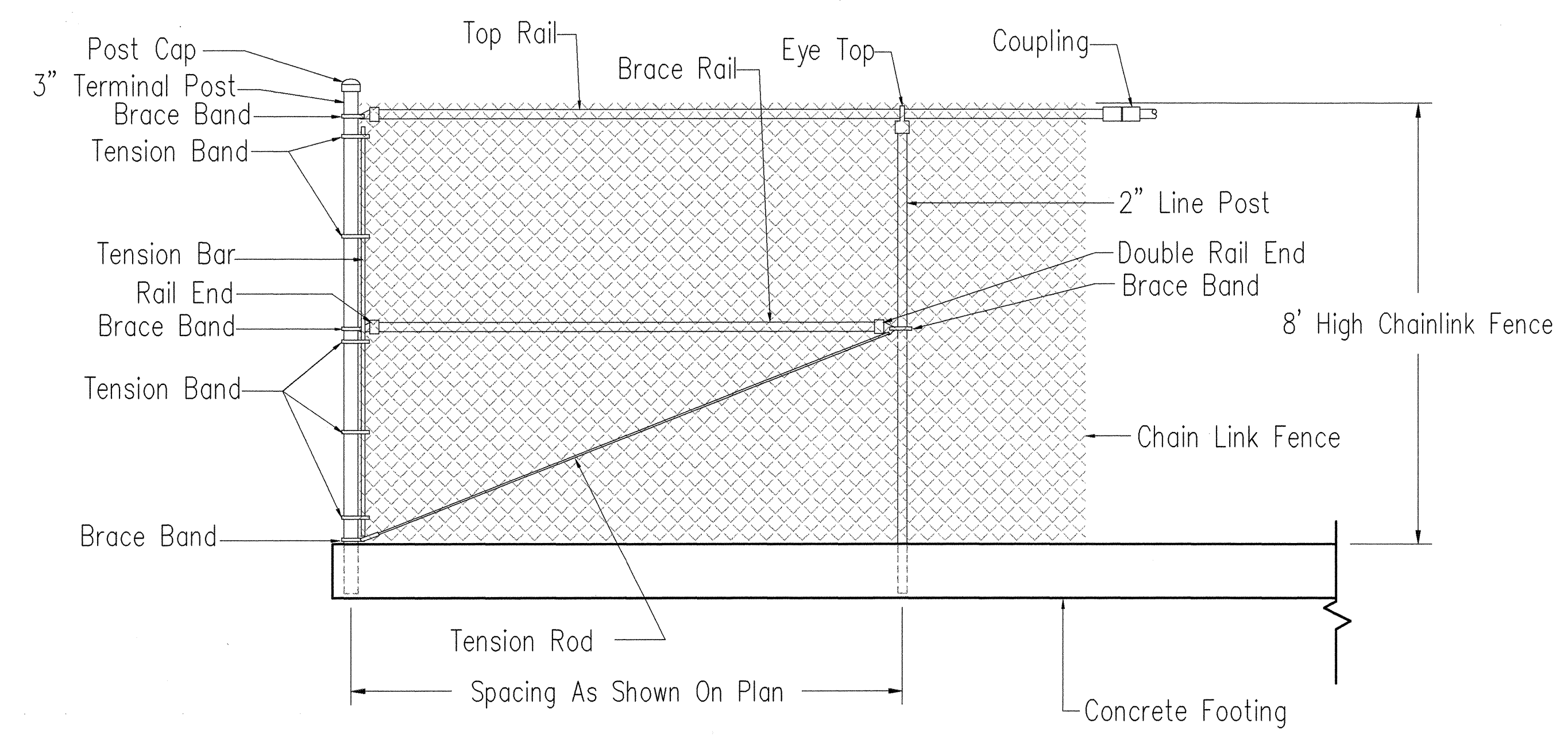
CHLORINE ENCLOSURE DETAIL
SCALE: 1/2"=1'-0"



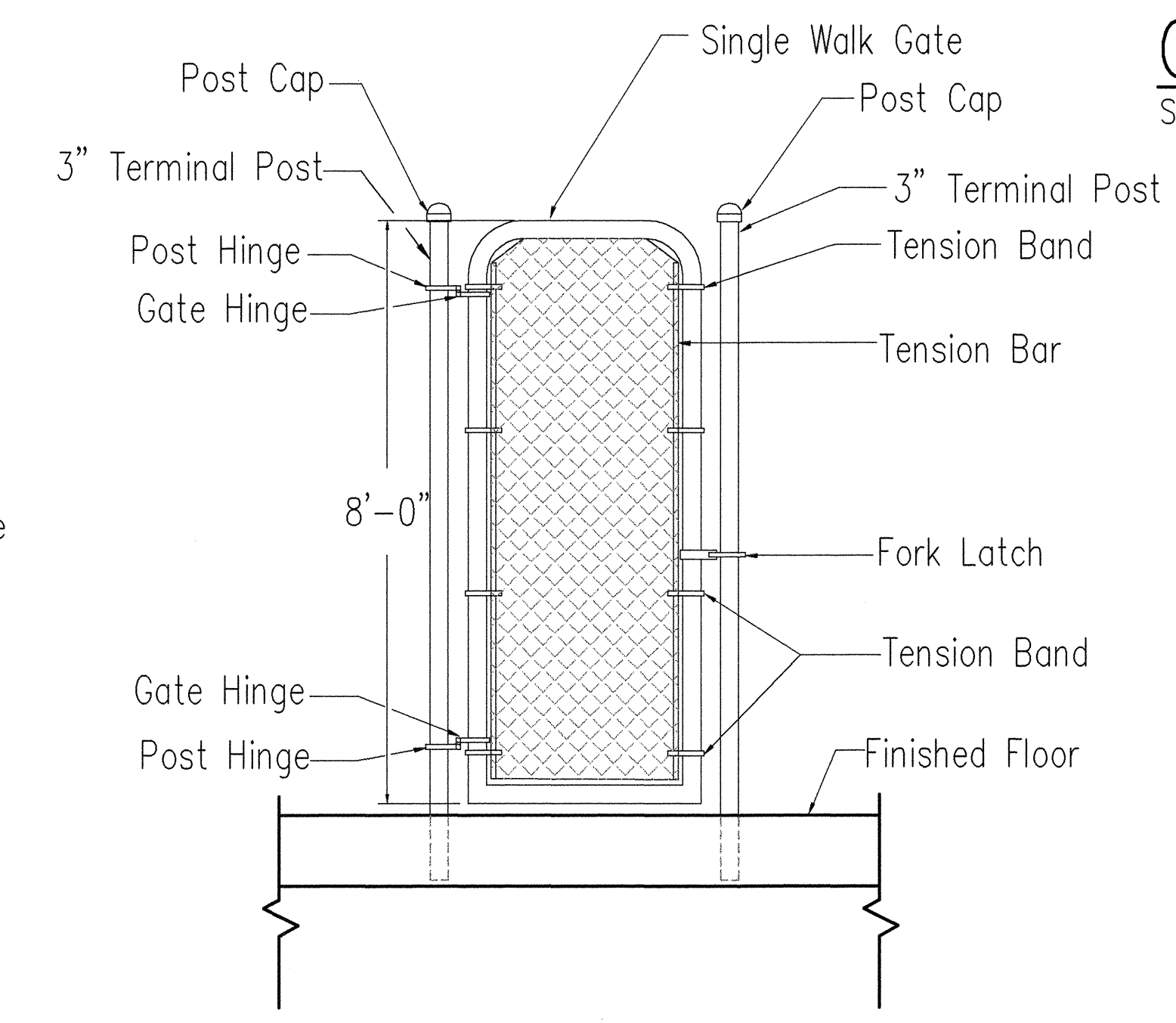
CHLORINE ENCLOSURE DETAIL
SCALE: 1/2"=1'-0"



CHLORINE ENCLOSURE DETAIL
SCALE: 1/2"=1'-0"



CHAIN LINK FENCE DETAIL, ELEVATION VIEW
SCALE: 1/2"=1'-0"



CHAIN LINK GATE DETAIL
SCALE: 1/2"=1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
No.		

YOSHIAKI TANAKA
REGISTERED PROFESSIONAL ENGINEER
No. 6415-M
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION PUMP, FILTRATION & DISTRIBUTION FACILITY DETAILS

LIHUE GATEWAY LANDSCAPE BEAUTIFICATION PROJECT

SCALE: 1/2"=1'-0" DATE: July 31, 1998

SHEET No. **P6** OF 6 SHEETS