


| FED. ROAD<br>DIST. NO. | STATE  | PROJ. NO.   | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|--------|-------------|----------------|--------------|-----------------|
| HAWAII                 | HAWAII | HWY-0-01-08 | 2010           | ADD.3        | 34              |

GENERAL NOTES

1. The project includes the construction of a drying bed facility. The work includes construction of four settling basins; four filter beds; four dry storage pads; collection and transport pipes; installation of an oil-water separator and flow meter; new access road pavement; concrete sidewalk and lighting.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work to not less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 107.12 - Protection of Persons and Property; and Section 645 - Work Zone Traffic Control
4. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
5. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data, but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans, in areas where work, such as the placement of sign posts, traffic signal conduits, etc. may affect these properties. Toning shall be considered incidental to the various contract items and will not be paid for separately. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
7. The Contractor shall obtain a Community Noise permit from the State Department of Health, Noise and Radiation Branch, 591 Ala Moana Blvd., Room 136, Honolulu, HI 96813-2498; Telephone No. 586-4700. This shall be considered incidental to Section 107.2 and will not be paid for separately.
8. The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities and existing structures from damages due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.
9. Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to their respective bid items and will not be paid for separately.
10. Smooth riding connections shall be constructed at all limits of project, including the beginning and end of project, connecting approaches, side streets, walkways and driveways as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to their respective bid items and will not be paid for separately.
11. Removal and disposal of existing curb and gutter, curb, sidewalk and asphalt concrete pavement, curb, sidewalk and any debris shall be considered incidental to their respective bid items.
12. All saw cutting work shall be considered incidental to their respective bid items and will not be paid for separately.
13. Prior to placement of new aggregate subbase course, the existing subbase shall be compacted to a relative compaction greater than or equal to 95%.








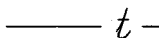






### GENERAL NOTES (Continued)

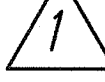
-  14. *The Contractor shall provide and maintain for access to and from all existing driveways, sidewalks and ADA access routes complying with ADAAG Section 4.3, and side streets and cross streets at all times. This work shall be considered incidental to their respective bid items and will not be paid for separately.*

TRAFFIC NOTES FOR WORK ON CITY &  
COUNTY STREETS

1. A permit shall be obtained from the Department of Transportation Services before work on any portion of a public street or highway may begin. Construction traffic control plans approved by the Department of Transportation Services and/or the Department of Planning and Permitting must be provided when applying for the permit.
2. The contractor shall provide, install, and maintain all necessary signs and other protective facilities, which shall conform with the "Hawaii Administration Rules Governing the Use of Traffic Control Devices at Work Sites on or Adjacent to Public Streets and Highways" adopted by the Director of Transportation, and the current U.S. Federal Highways Administration's "Manual on Uniform Traffic Controls Devices for Streets and Highways, Part VI - Traffic Controls for Street and Highway Construction and Maintenance Operations."
3. Work on any city street area may be performed only between the hours of 8:30 A.M. To 3:30 P.M., Monday through Friday, unless otherwise permitted by the Department of Transportation Services.
4. During working hours, the contractor shall provide for through traffic. During non-working hours, all trenches shall be covered with a safe non-skid bridging material and all lanes shall be open to traffic.
5. As required by the Department of Transportation Services, the contractor shall provide off-duty police officers to control the flow of traffic.
6. Where pedestrian walkways exist, they shall be maintained in passable condition in accordance with ADAAG 4.1.(4) and 4.3, or other facilities for pedestrians shall be provided. Passage between walkways at intersections shall likewise be provided.
7. Driveways shall be kept open unless the owners of the property using these Rights-Of-Way are otherwise provided for satisfactorily.
8. Contractors shall reference to the approval of the Department of Planning and Permitting, all existing traffic signs, posts and pavement markings prior to the commencement of construction. The contractor shall replace or repair all traffic signs, posts and pavement markings disturbed by his activities.
9. The contractor shall notify the Department of Planning and permitting at 768-8084 one (1) week prior to any work to be done on signs, posts and pavement markings.
10. No equipment shall be stored within street Rights-Of-Way except at locations designated in writing and approved by the Department of Transportation Services.

*LEGEND*

- |   |  |
|---|--|
|  | Existing Electrical Line                   |
|  | New Electrical Line                        |
|  | Existing Joint Pole                        |
|  | Existing Power Pole                        |
|  | Existing Electric Manhole                  |
|  | Adjusted Elec. MH Frame/Cover              |
|  | New Electric Manhole                       |
|  | Existing Telephone Line                    |
|  | Existing Telephone Pole                    |
|  | Existing Telephone Manhole                 |
|  | Existing Signal Corps Line                 |
|  | Existing TV Cable                          |
|  | Existing Sandwich Isles Communication Line |
|  | Existing 12"                               |

|         |   |  |
|---------|---|--|
| 6/11/10 |  | Deleted General Note 14 &<br>Renumbered General Notes. |
| Date    | Revision  |  |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GENERAL NOTES & LEGEND**

PEARL CITY DRYING BED FACILITY  
Project No. HWY-0-01-08

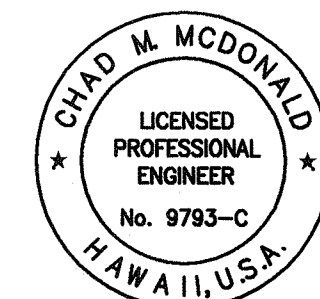
Scale: As Noted      Date: May 2010

SHEET No. **C-1** OF **21** SHEETS

|           |                         |            |
|-----------|-------------------------|------------|
| ORIGINAL  | SURVEY PLOTTED BY _____ | DATE _____ |
| PLAN      | DRAWN BY _____          | _____      |
| NOTE BOOK | TRACED BY _____         | _____      |
|           | DESIGNED BY _____       | _____      |
|           | QUANTITIES BY _____     | _____      |
|           | CHECKED BY _____        | _____      |
| No. _____ |                         | _____      |

Approved:

Chief, Traffic Review Branch, DPP      Date



This work was prepared by  
me or under my supervision

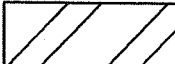

*Chad H. McDermott* 4/30/2012  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE

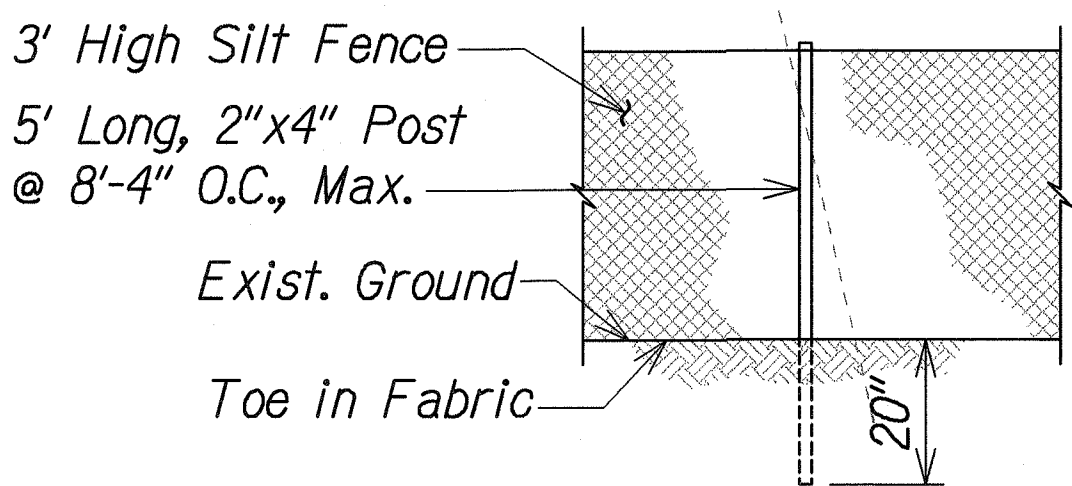
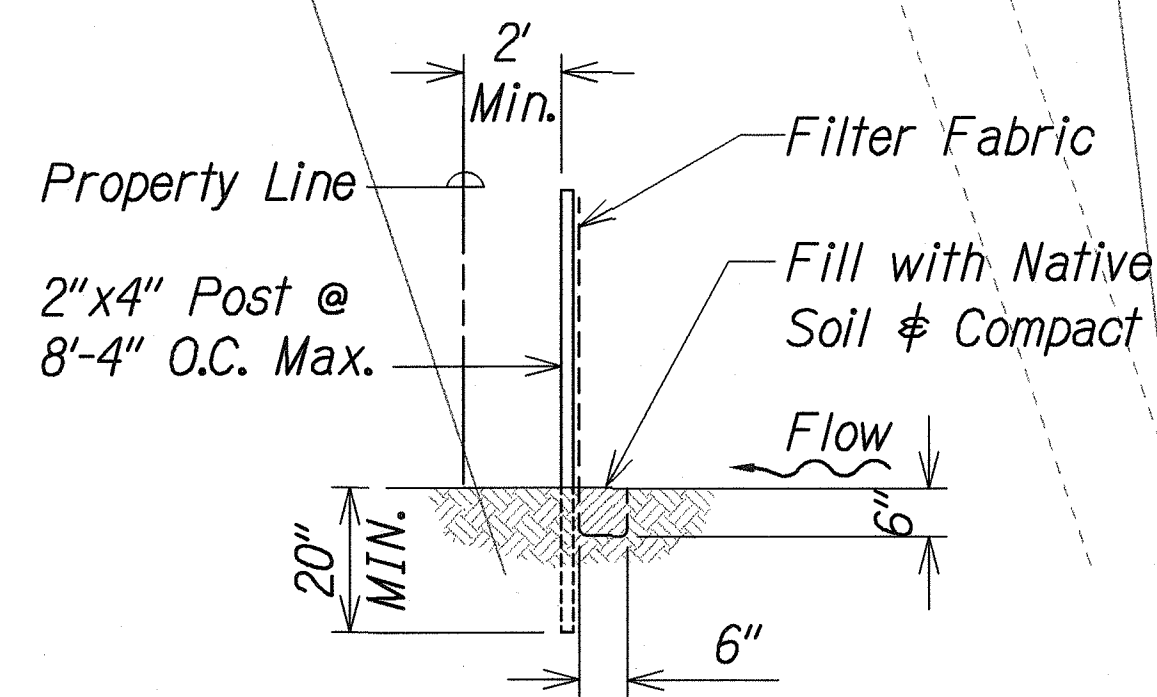
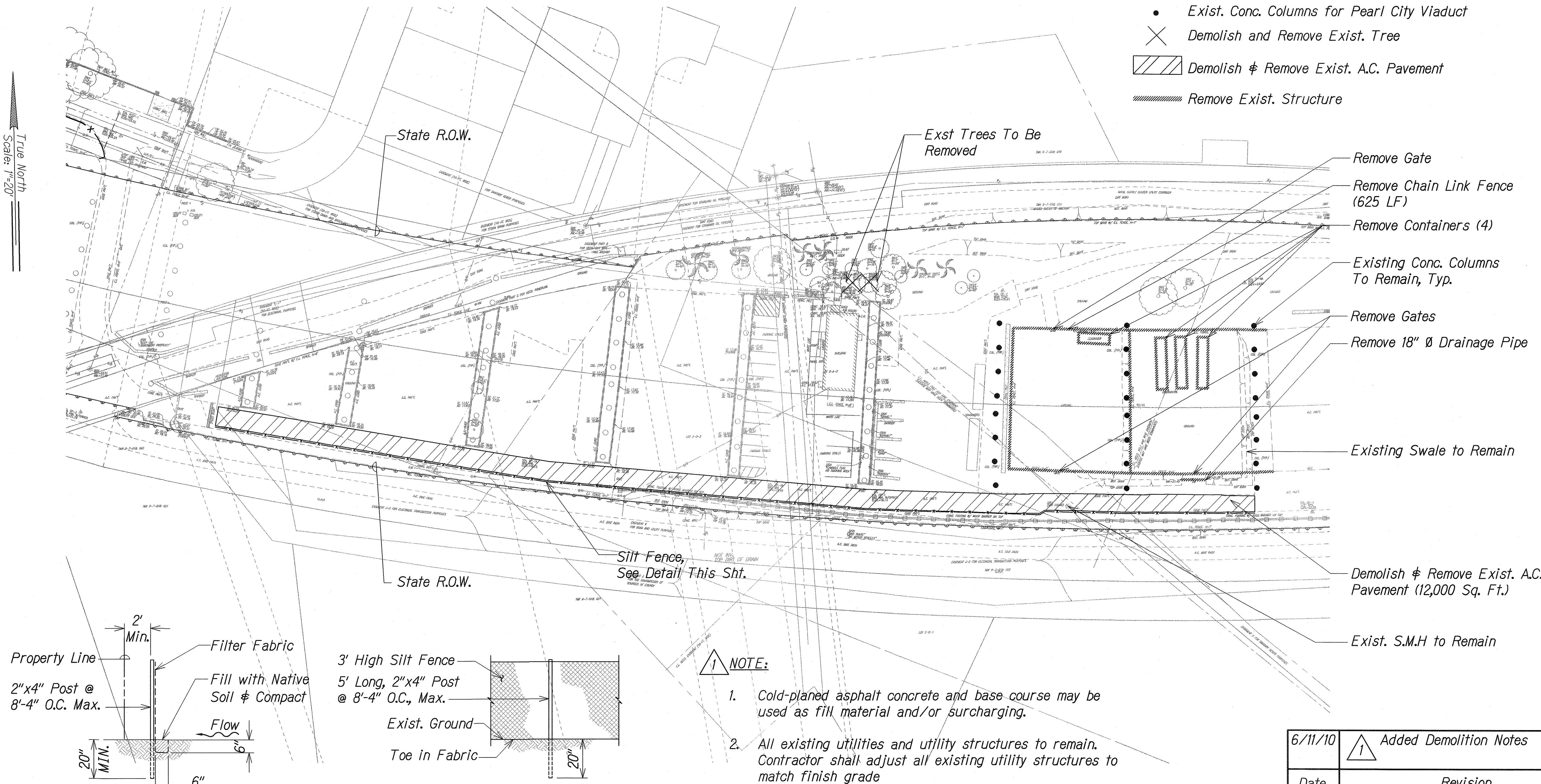
NOTE: Contractor to check and verify dimensions at job before proceeding with work.



| FED. ROAD DIST. NO. | STATE  | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | HWY-0-01-08 | 2010        | ADD.6     | 34           |

Legend

- Exist. Conc. Columns for Pearl City Viaduct
- ✕ Demolish and Remove Exist. Tree
-  Demolish & Remove Exist. A.C. Pavement
-  Remove Exist. Structure



**NOTE:**

1. Cold-planed asphalt concrete and base course may be used as fill material and/or surcharging.
2. All existing utilities and utility structures to remain. Contractor shall adjust all existing utility structures to match finish grade

**SILT FENCE DETAIL**

Not to scale

**GRAPHIC SCALE**

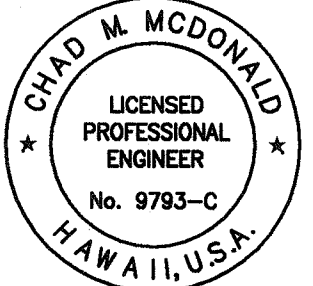


SCALE: 1" = 40'

**DEMOLITION PLAN**

Scale: 1" = 40'


|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| NOTED BY          |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| No.               |      |



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Chad M. McDonald  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2012

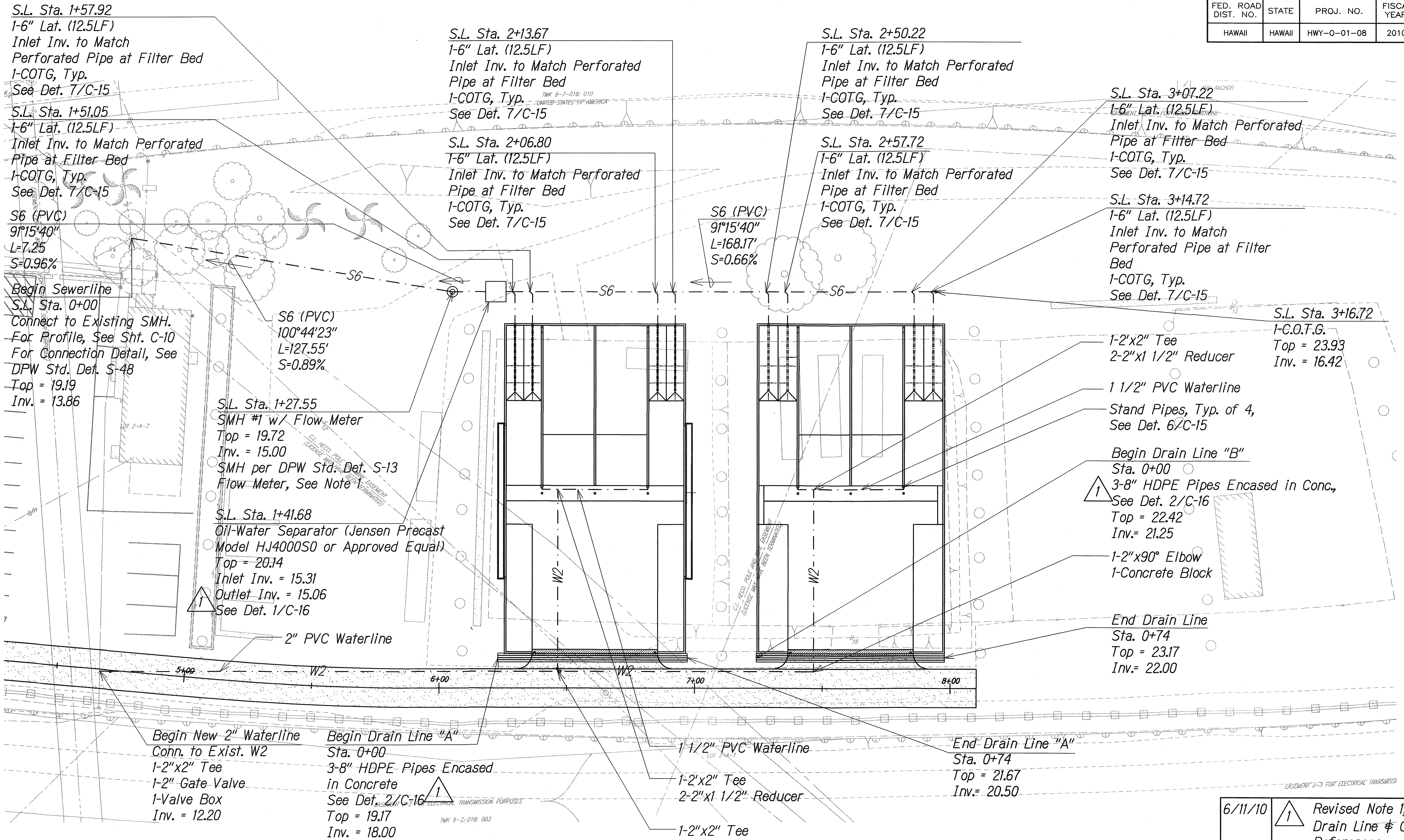
NOTE: Contractor to check and verify dimensions of job before proceeding with work.

|  |  |
|--|--|
| 6/11/10  |  Added Demolition Notes |
| Date   | Revision   |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |  |
| <b>DEMOLITION PLAN</b>   |  |
| <b>PEARL CITY DRYING BED FACILITY</b>                                |  |
| <b>Project No. HWY-0-01-08</b>                                       |  |
| Scale: As Noted  | Date: May 2010   |
| SHEET No. <b>C-4</b> OF 21 SHEETS                                    |  |



| FED. ROAD DIST. NO. | STATE  | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | HWY-0-01-08 | 2010        | ADD.10    | 34           |

True North  
Scale: 1"=20'



Note:

- The flow meter shall be an Eastech Cartridge Meter, Model Accuron 7100 or approved equal. See Sewer Specifications. Excavation for new sewer manhole to be similar to excavation for oil/water separator, See Sheet C-16 for detail.
- Contractor to calibrate Flow Meter per manufacturer's requirements prior to project completion.
- Contractor to coordinate the location of the flow meter data logger with the Engineer.

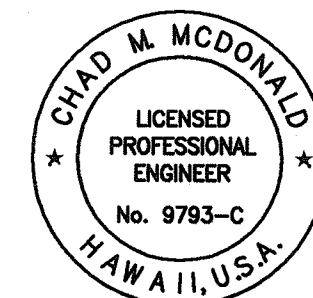
GRAPHIC SCALE

20' 10' 0 20' 40'

1" = 20'

UTILITIES PLAN

Scale: 1" = 20'



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Chad M. McDonald  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2012

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

|         |   |  |
|---------|---|--|
| 6/11/10 | 1 | Revised Note 1, Revised Drain Line & Oil-Separator References. |
|---------|---|--|

|      |          |
|------|----------|
| Date | Revision |
|------|----------|

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**UTILITIES PLAN**

PEARL CITY DRYING BED FACILITY

Project No. HWY-0-01-08

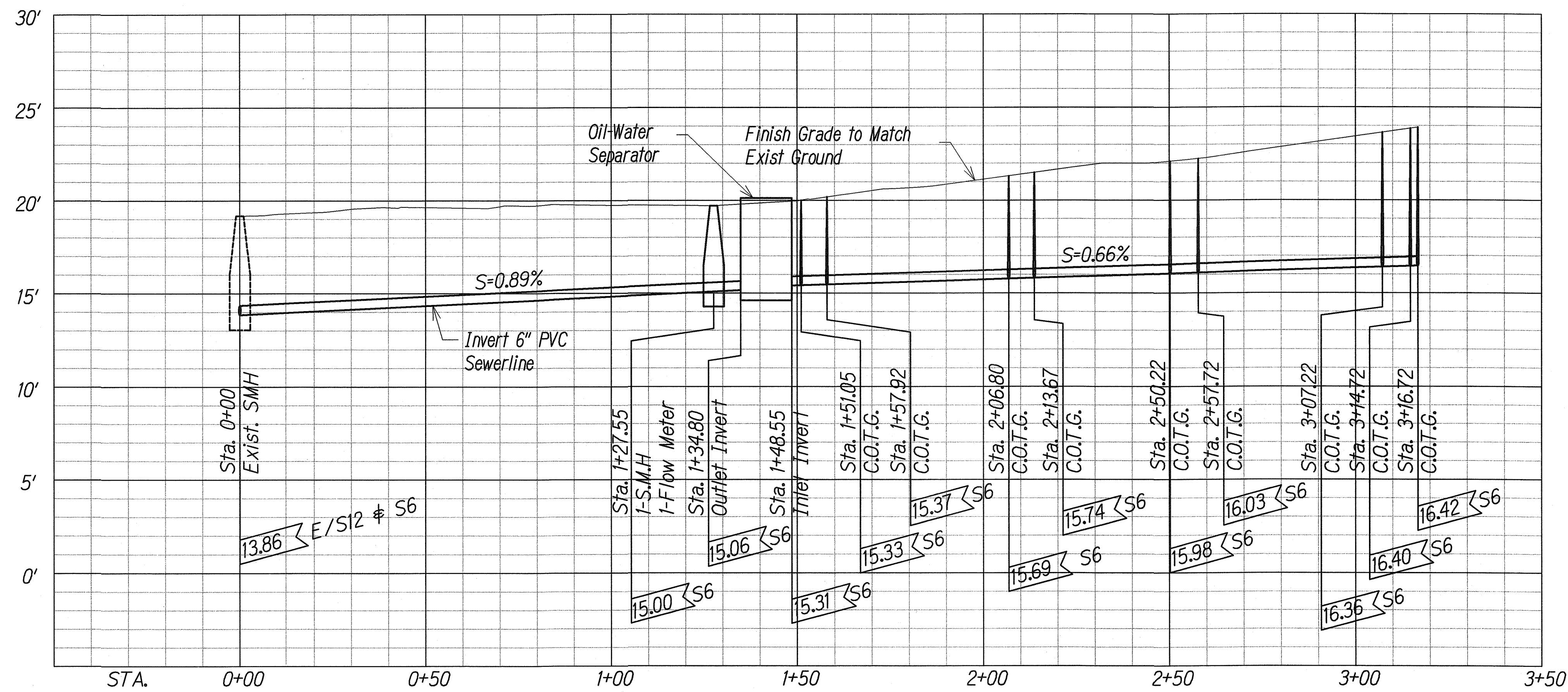
Scale: As Noted Date: May 2010

SHEET No. **C-8** OF 21 SHEETS

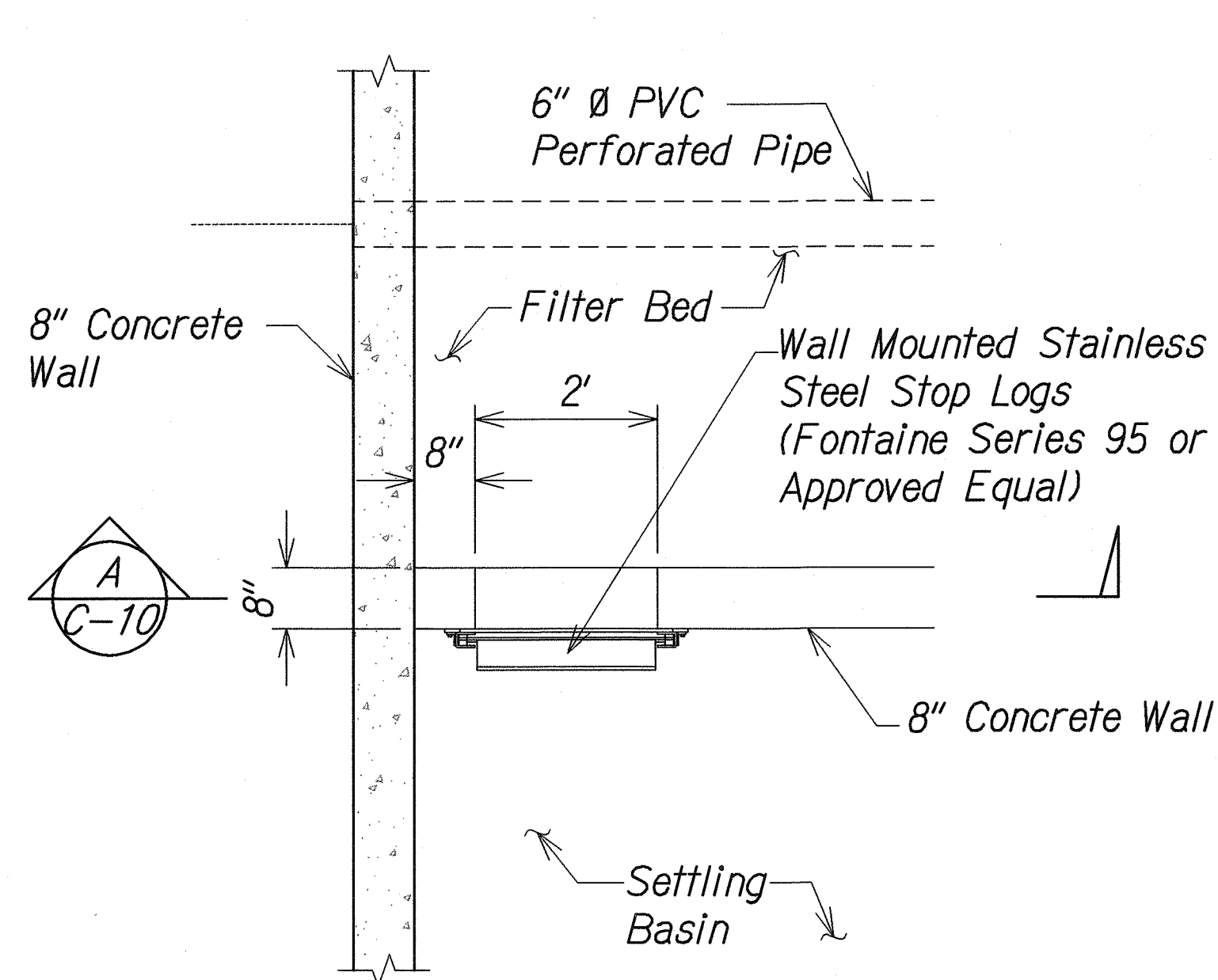
ADD. 10



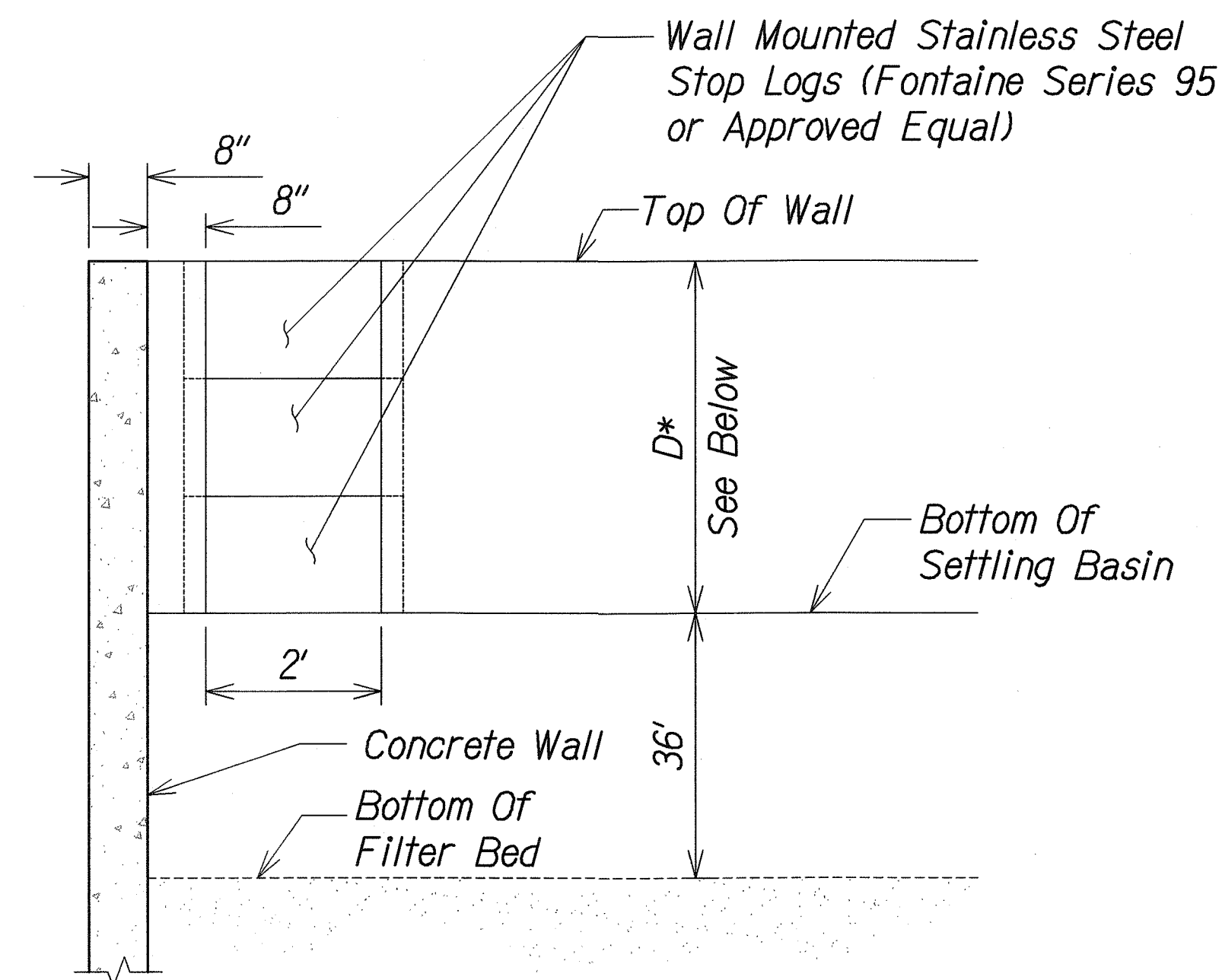
| FED. ROAD DIST. NO. | STATE  | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | HWY-0-01-08 | 2010        | ADD.12    | 34           |



**SEWERLINE PROFILE**  
Scale: Horiz. 1" = 20'  
Vert. 1" = 4'

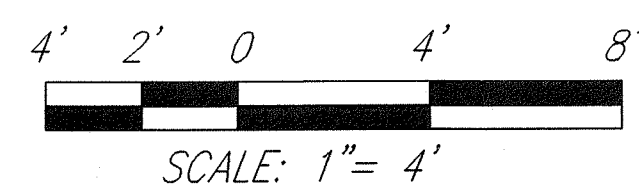
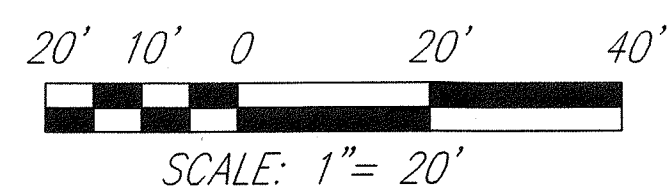


**STOP LOGS ENLARGED PLAN**  
Scale: 1/2" = 1'-0"  
C-13, C-14, C-10



\*D=3.29' for Facility No. 1  
=3.95' for Facility No. 2  
**SECTION**  
Not to Scale  
C-10, C-10

GRAPHIC SCALE:



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

CHAD M. McDONALD  
LICENSED PROFESSIONAL ENGINEER  
No. 9793-C  
HAWAII, USA

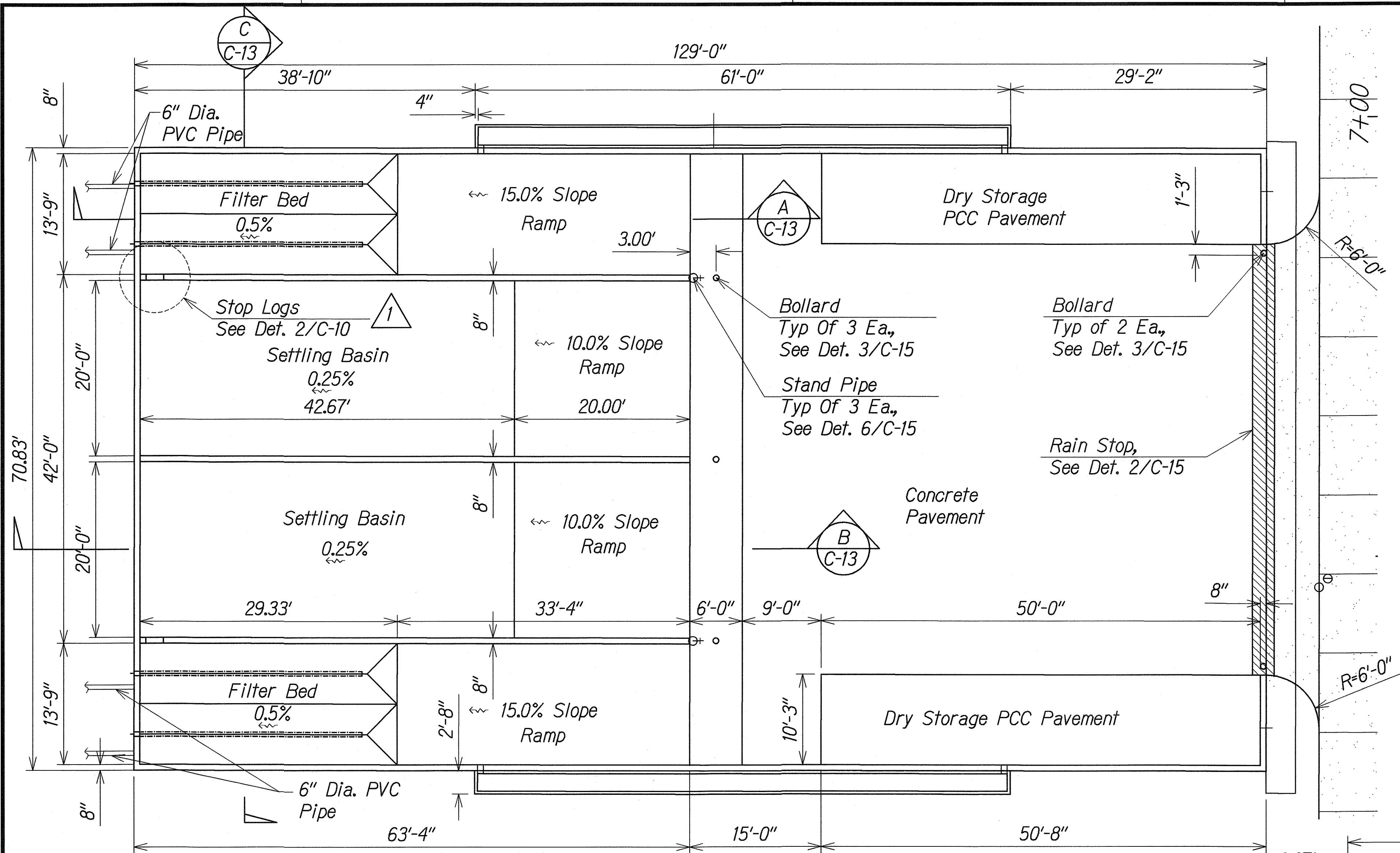
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*Chad M. McDonald* 4/30/2012  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

|  |                          |
|--|--------------------------|
| 6/11/10  | 1 Added Stop Log Details |
| Date   | Revision                 |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION<br><br><b>SEWER LINE PROFILE</b><br><br><b>PEARL CITY DRYING BED FACILITY</b><br><b>Project No. HWY-0-01-08</b><br>Scale: As Noted Date: May 2010 |                          |
| SHEET No. <b>C-10</b> OF 21 SHEETS   |                          |

| FED. ROAD DIST. NO. | STATE  | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | HWY-0-01-08 | 2010        | ADD.15    | 34           |



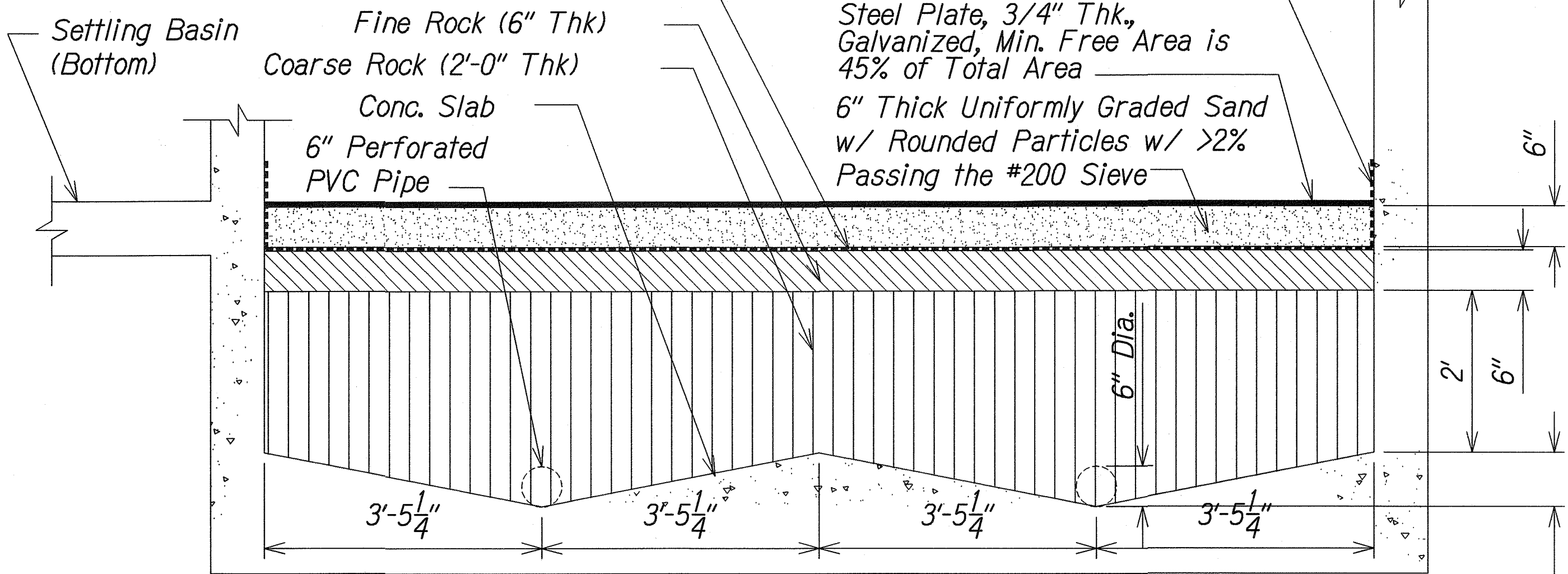
DRYING BED FACILITY NO. 1 LAYOUT

Scale: 1/8" = 1'-0"

1  
C-6 C-13

Non-woven Geotextile in compliance w/ DOT Highway Specifications 716.02, minimum apparent opening size=40

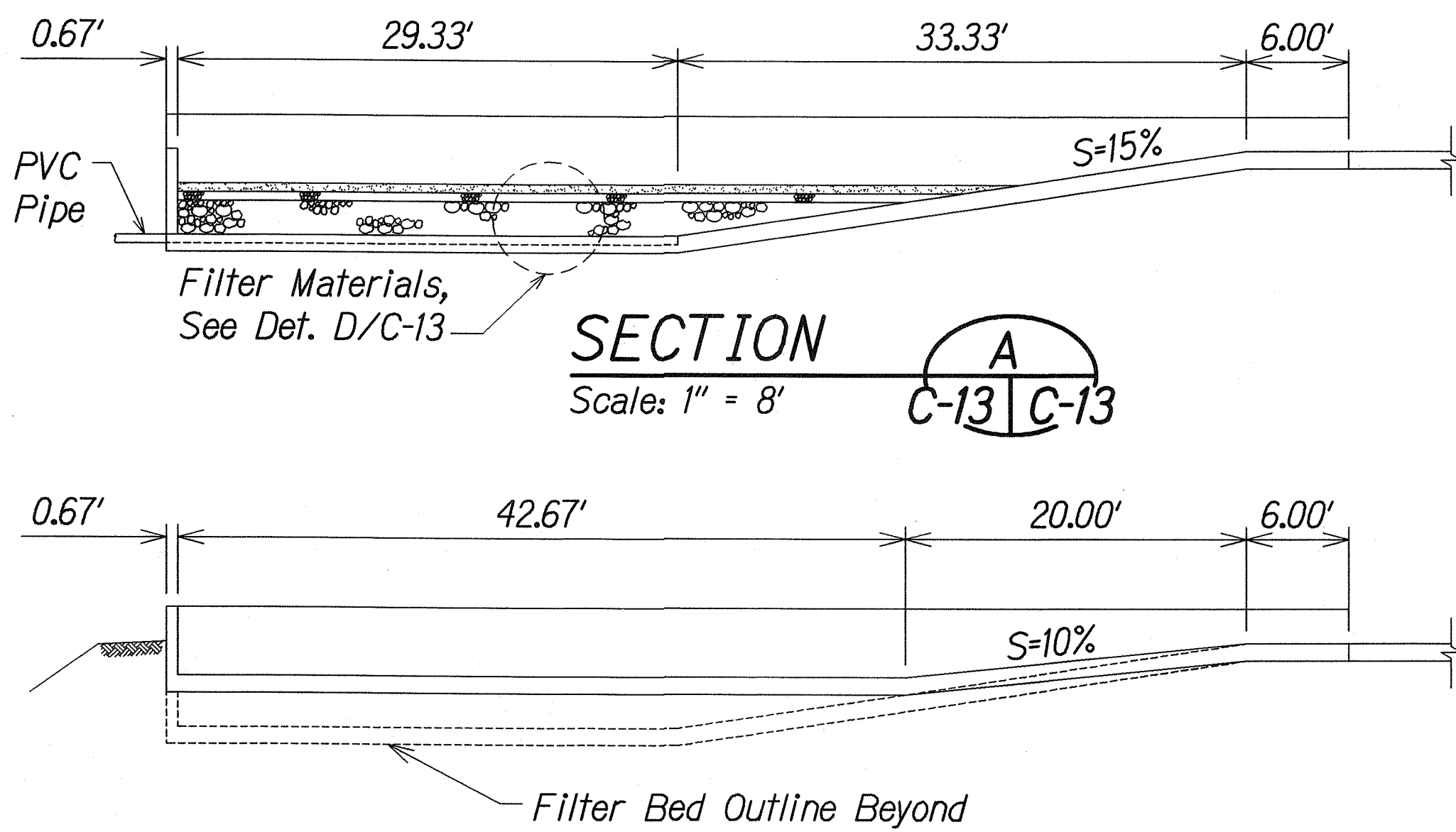
Extend Geotextile Fabric 6" Above Surface of 3/4" Steel Plate  
Steel Plate, 3/4" Thk., Galvanized, Min. Free Area is 45% of Total Area  
6" Thick Uniformly Graded Sand w/ Rounded Particles w/ >2% Passing the #200 Sieve



FILTER BED DETAIL

Scale: 1/8" = 1'-0"

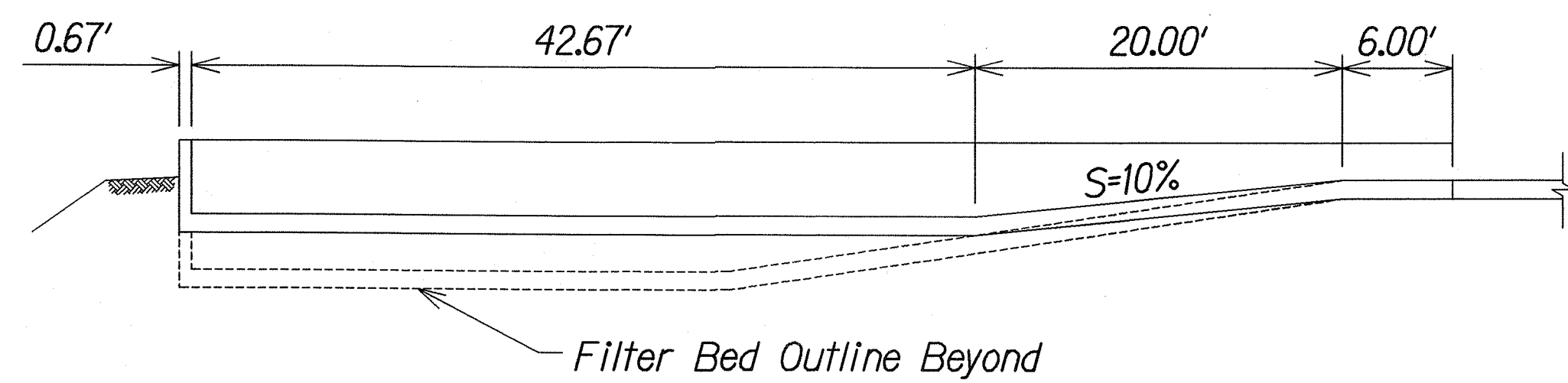
D  
C-13 C-13



SECTION A

Scale: 1" = 8'

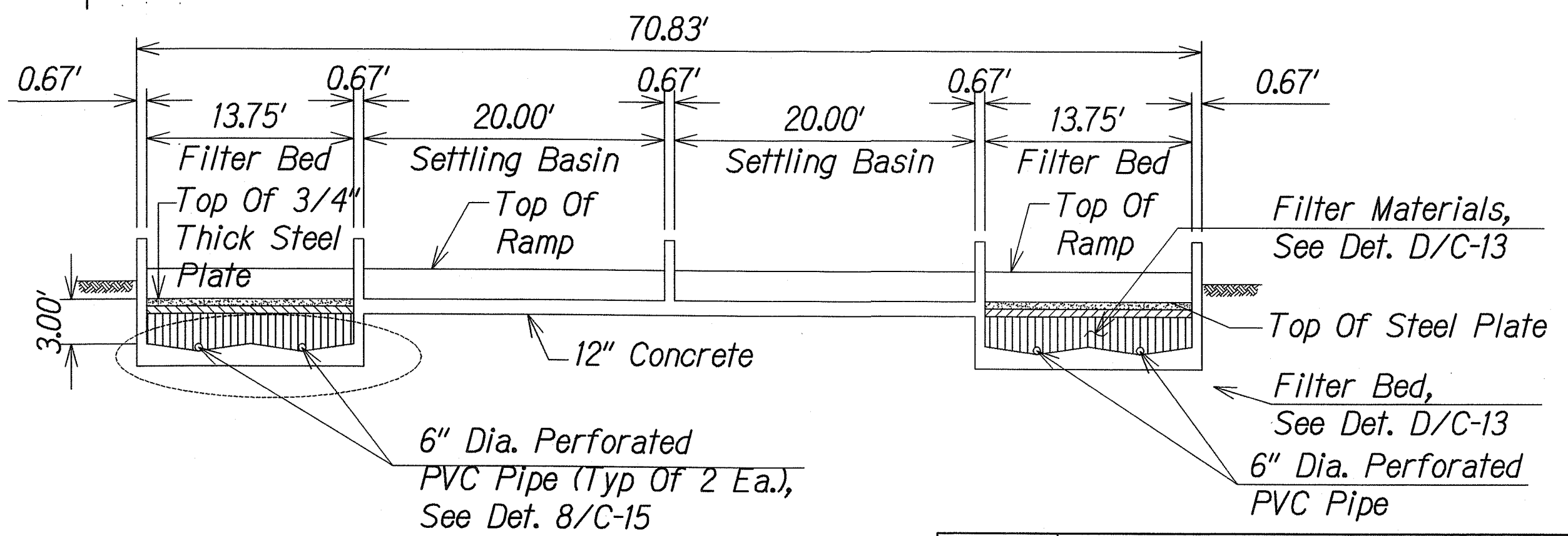
A  
C-13 C-13



SECTION D

Scale: 1" = 8'

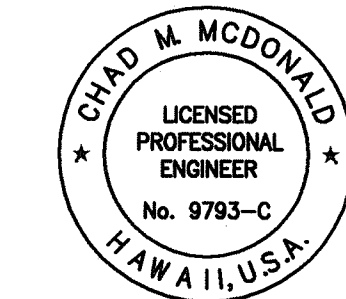
D  
C-13 C-13



SECTION C

Scale: 1" = 8'

C  
C-13 C-13



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Chad M. McDonald  
4/30/2012  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

|         |   |   |
|---------|---|---|
| 6/11/10 | 1 | Revised Stop Log Det. Reference # Filter Bed Det. |
| Date    |   | Revision  |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

DRYING BED LAYOUT-1

PEARL CITY DRYING BED FACILITY

Project No. HWY-0-01-08

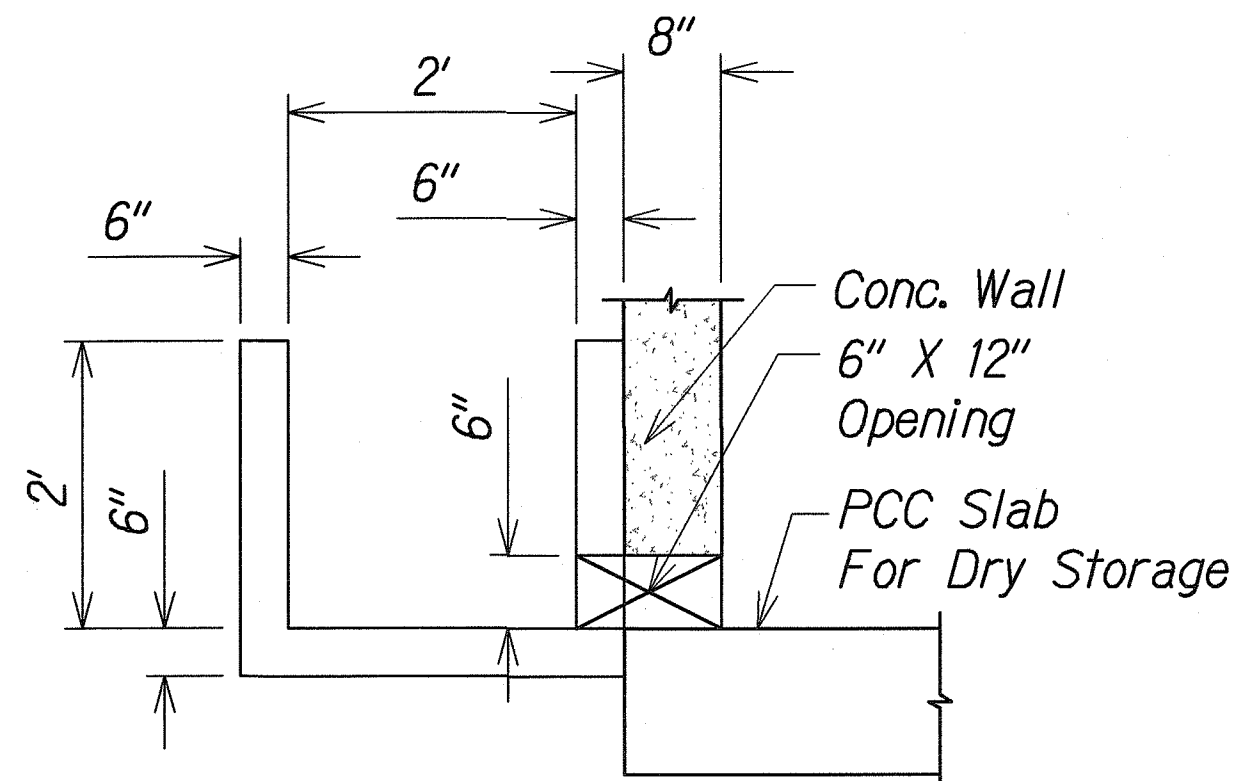
Scale: As Noted Date: May 2010

SHEET No. C-13 OF 21 SHEETS



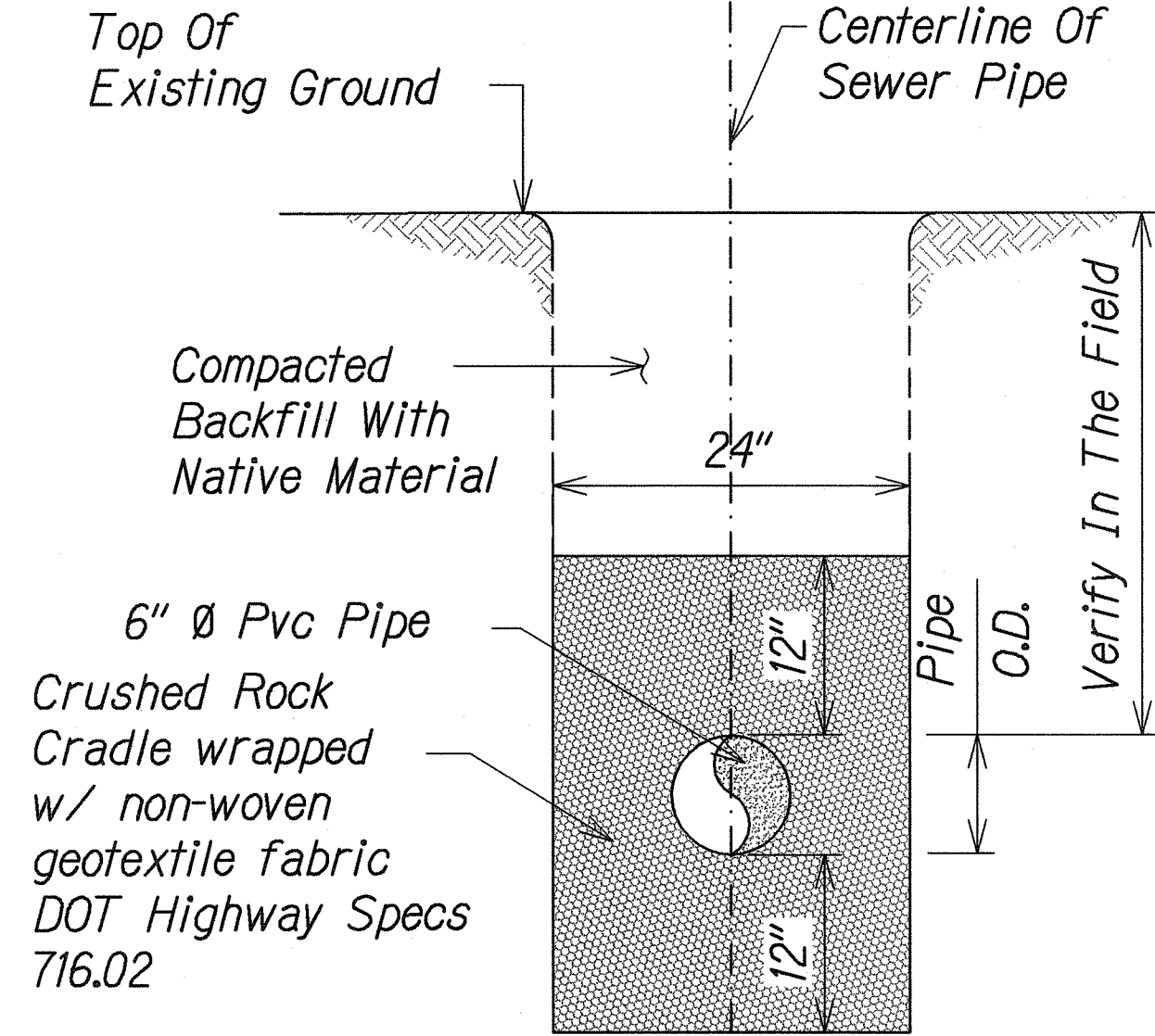


| FED. ROAD DIST. NO. | STATE  | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | HWY-0-01-08 | 2010        | ADD.17    | 34           |

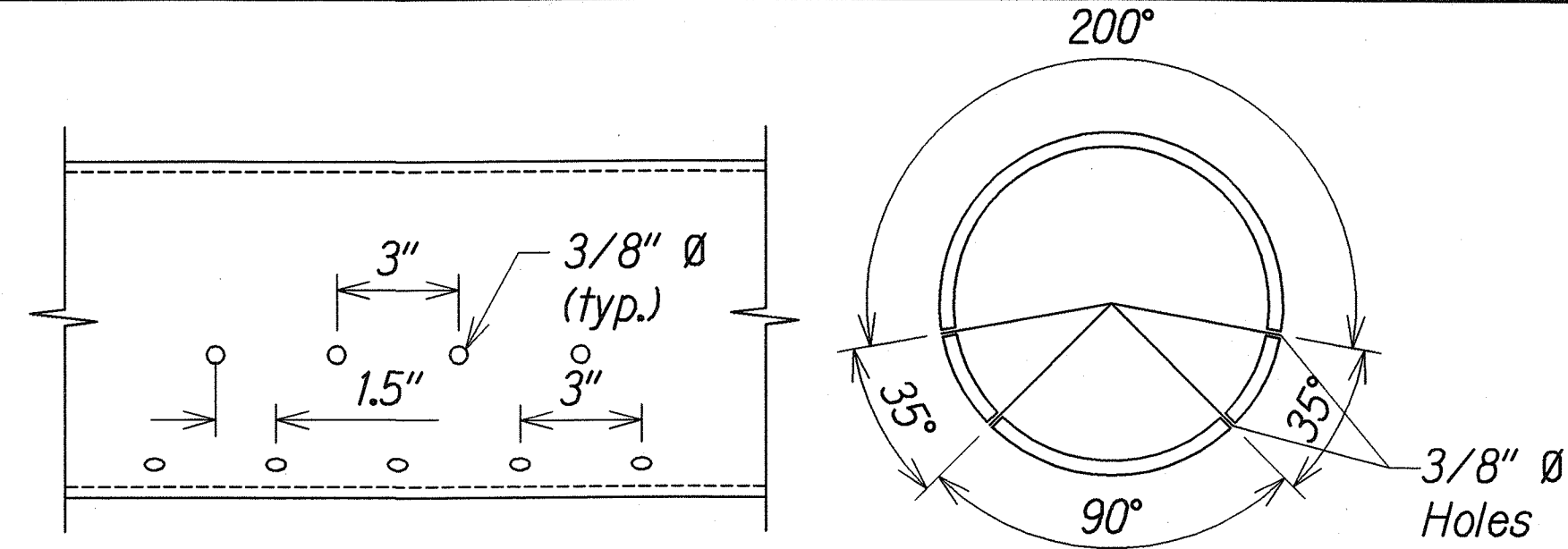


Note: See Structural Drawings for Reinforcing

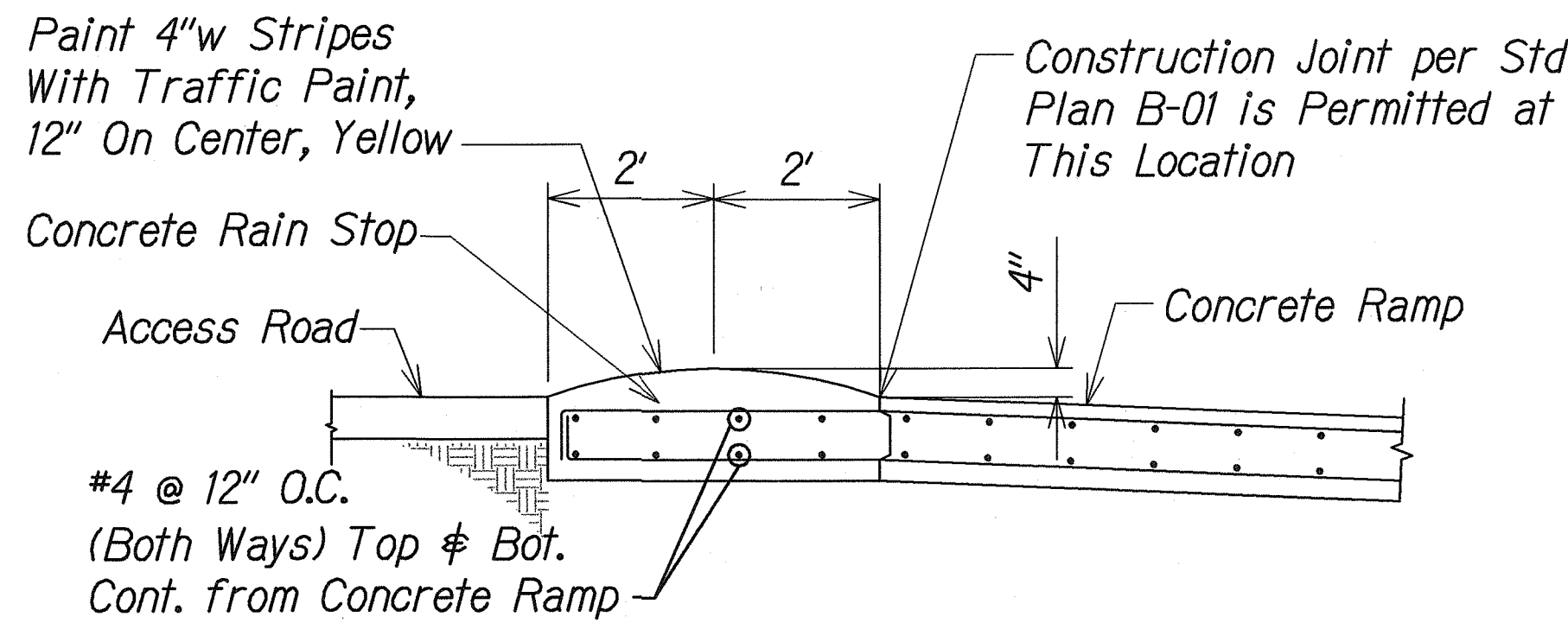
**CONC. TRENCH DETAIL** 1  
Not To Scale C-6 | C-15



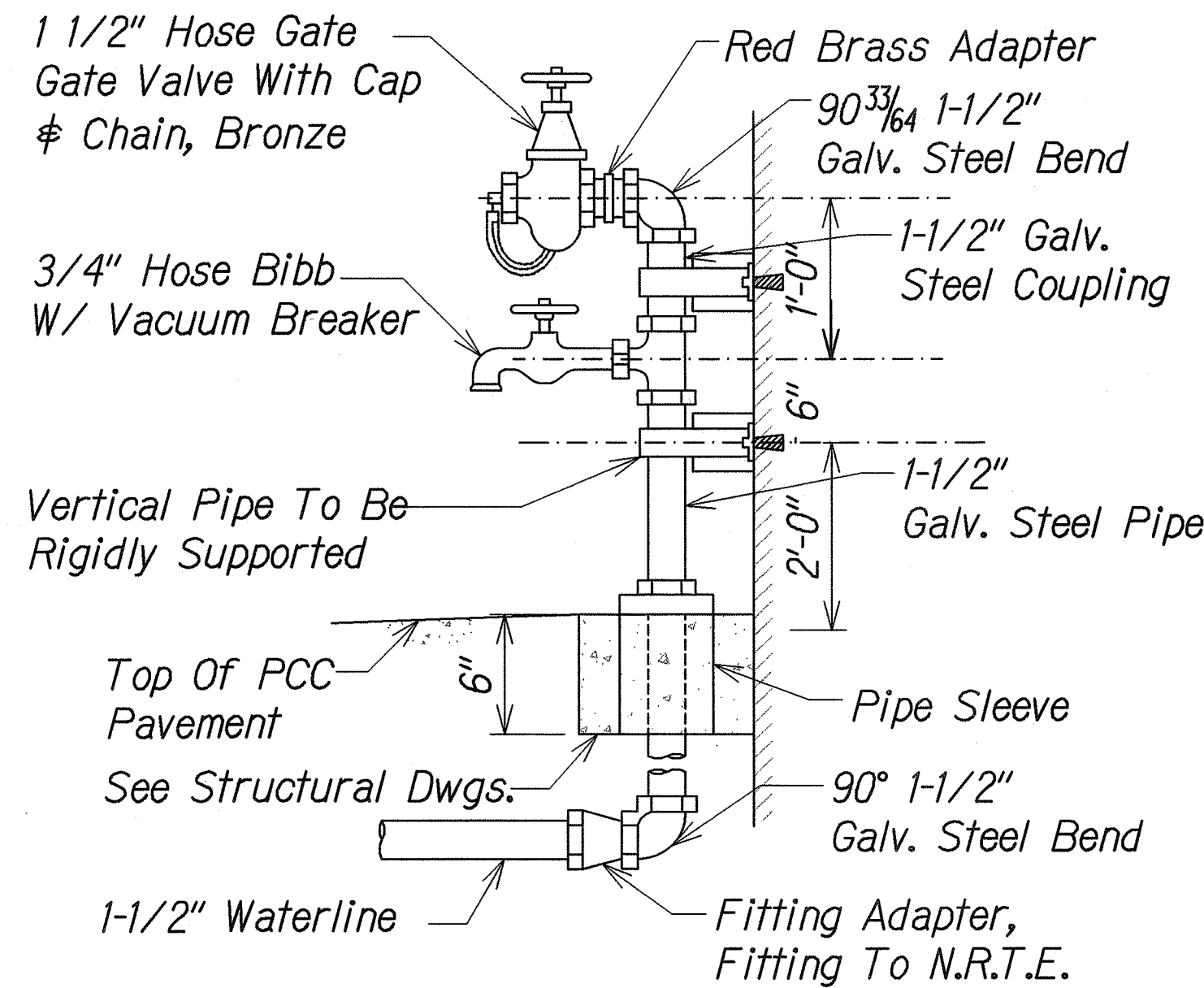
**SEWER PIPE TRENCH DETAIL** 5  
Not To Scale C-8 | C-15



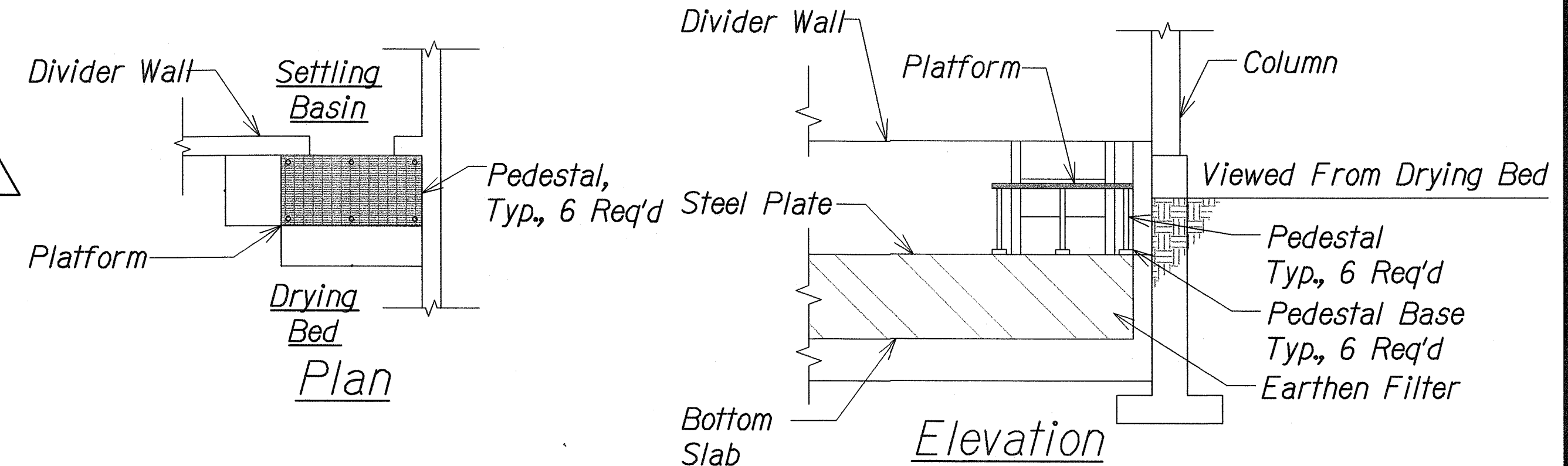
**PREFORMED PIPE DETAIL** 8  
Scale: 1/4" = 1'-0" C-13, C-14 | C-15



**RAIN STOP DETAIL** 2  
Scale: 1/2" = 1'-0" C-13, C-14 | C-15

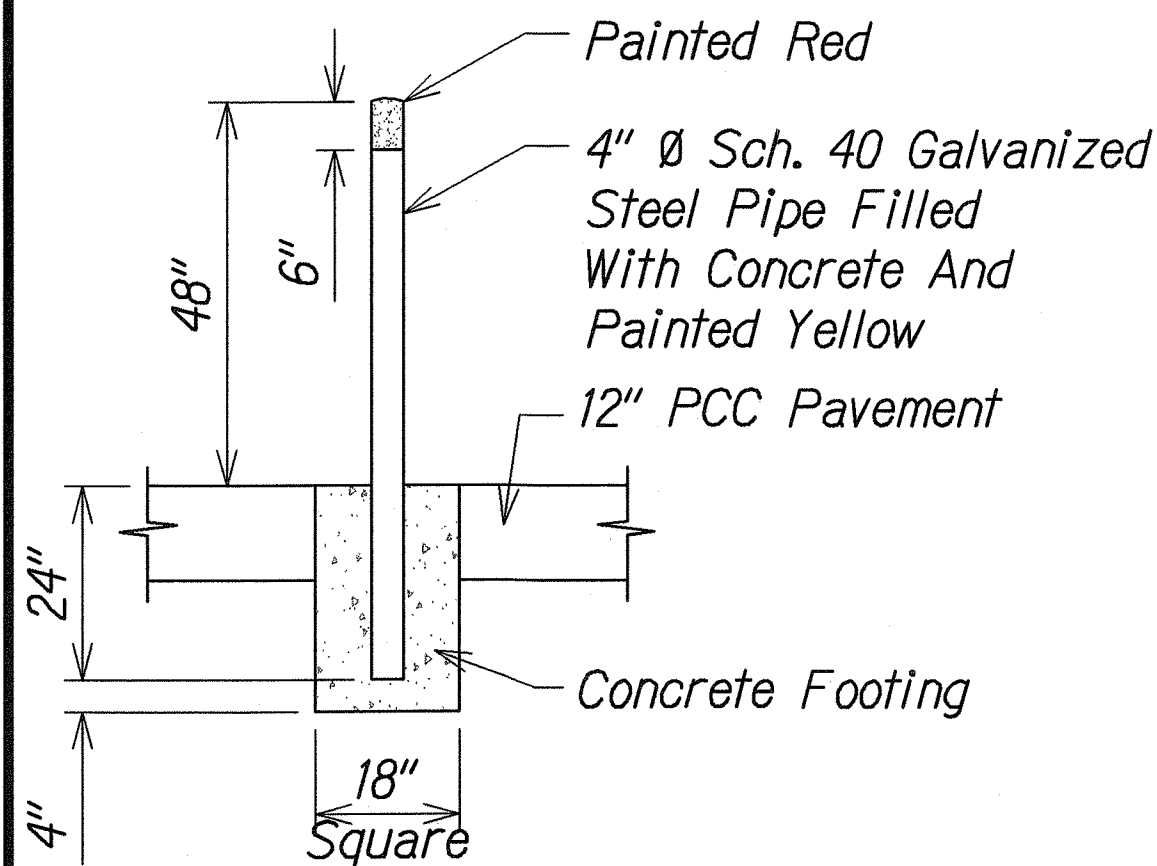


**STAND PIPE DETAIL** 6  
Not To Scale C-13, C-14 | C-15

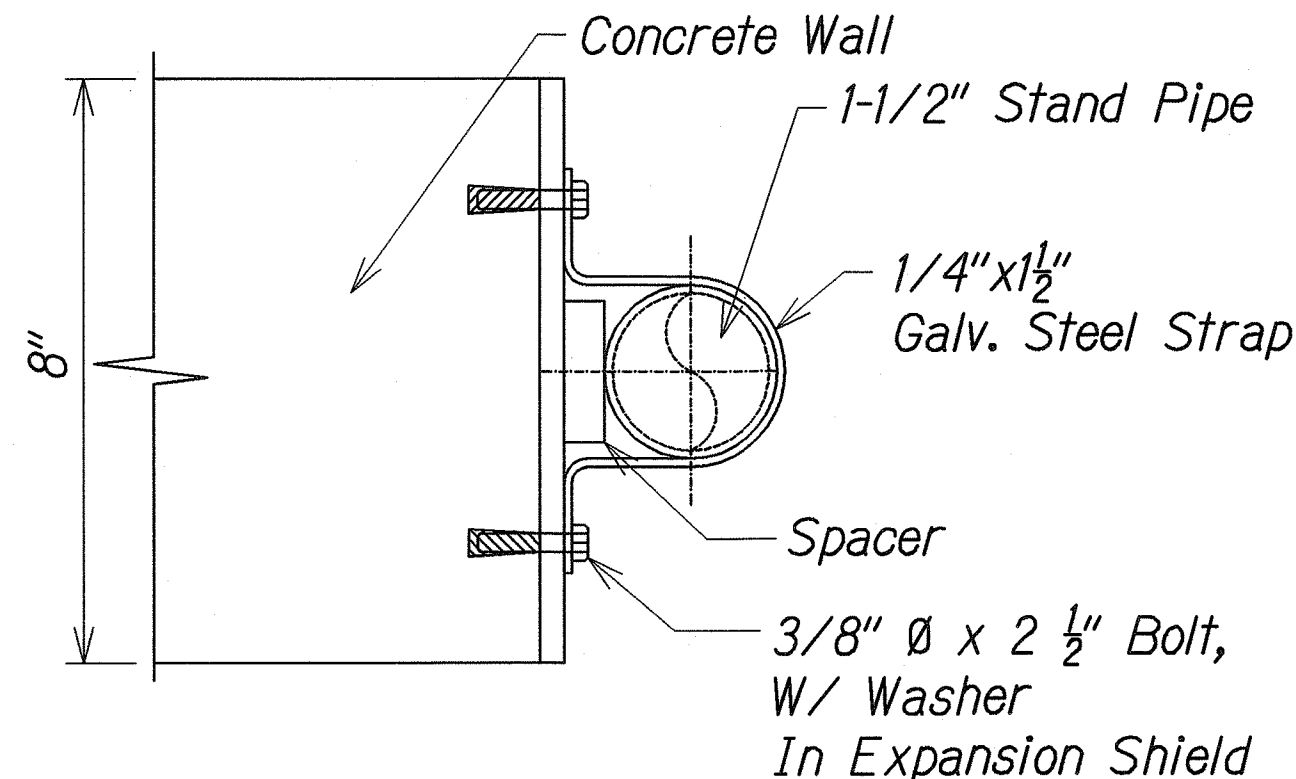


**Platform Notes:**

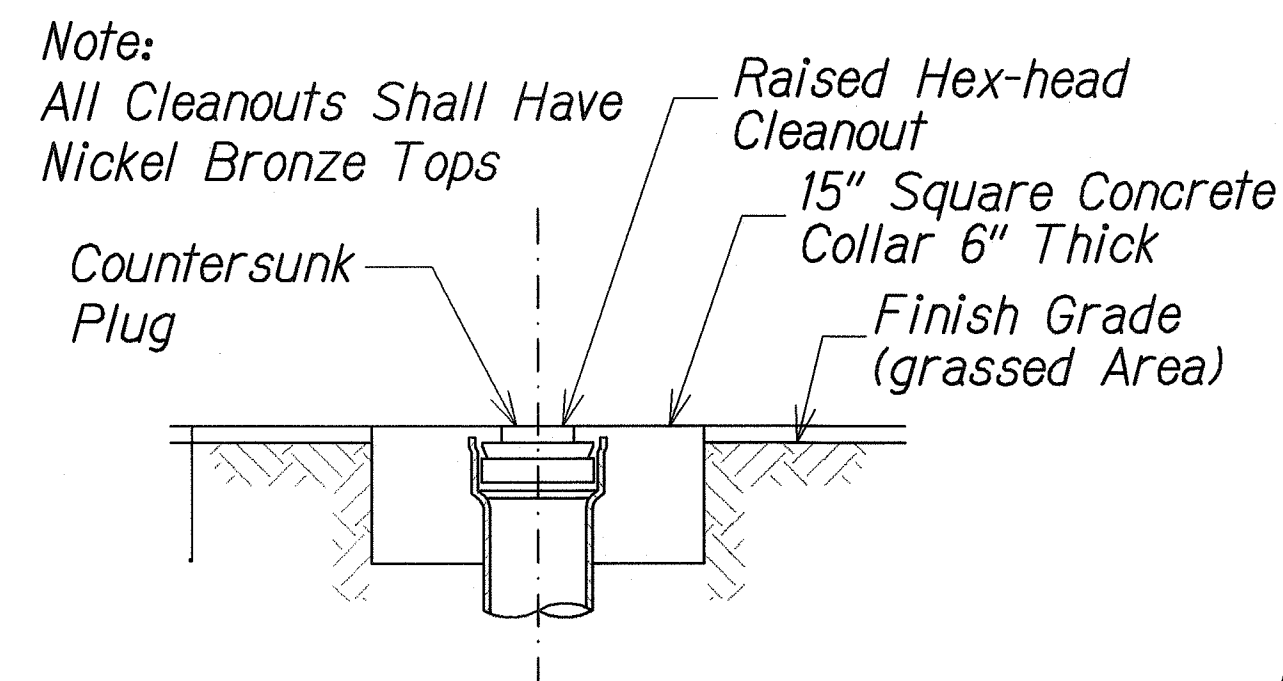
- Grate Pattern : 1" Thick =, 1" x 4"
- Maximum Deflection : 0.375" @ 300 lbs Load
- Platform Material : FRP, Molded One Piece
- Top Surface : Integral Grit, Slip Resistant
- Pedestals : Min. 2" sq, Pre-fitted
- Pedestal Base : Elastomeric, Pre-fitted
- Total Platforms : (4) Two per Facility



**BOLLARD DETAIL** 3  
Not To Scale C-6 | C-17

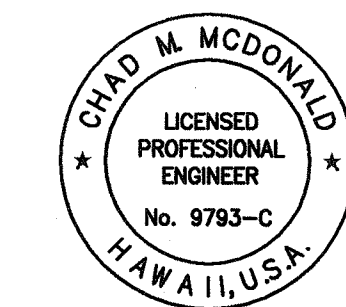
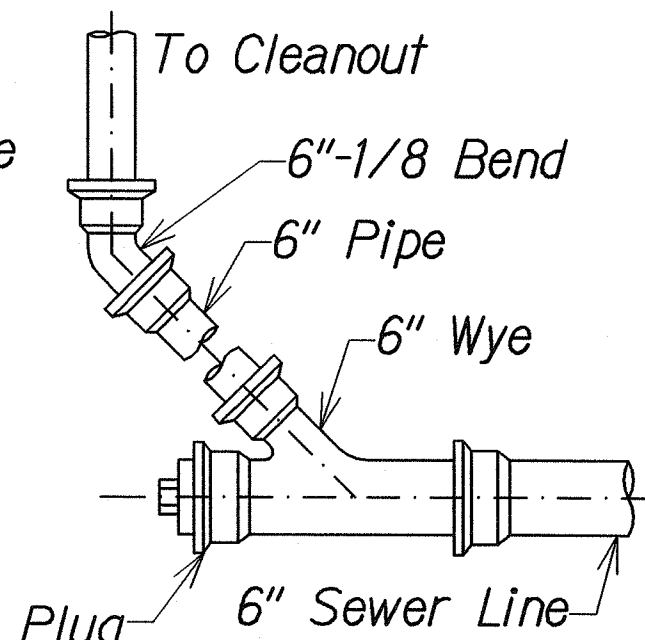


**STAND PIPE STRAP DETAIL** 4  
Not To Scale C-15 | C-15



**CLEANOUT-TO-GRADE DETAIL** 7  
Not To Scale C-8 | C-15

**PLATFORM DETAIL** 9  
Not To Scale C-13, C-14 | C-15



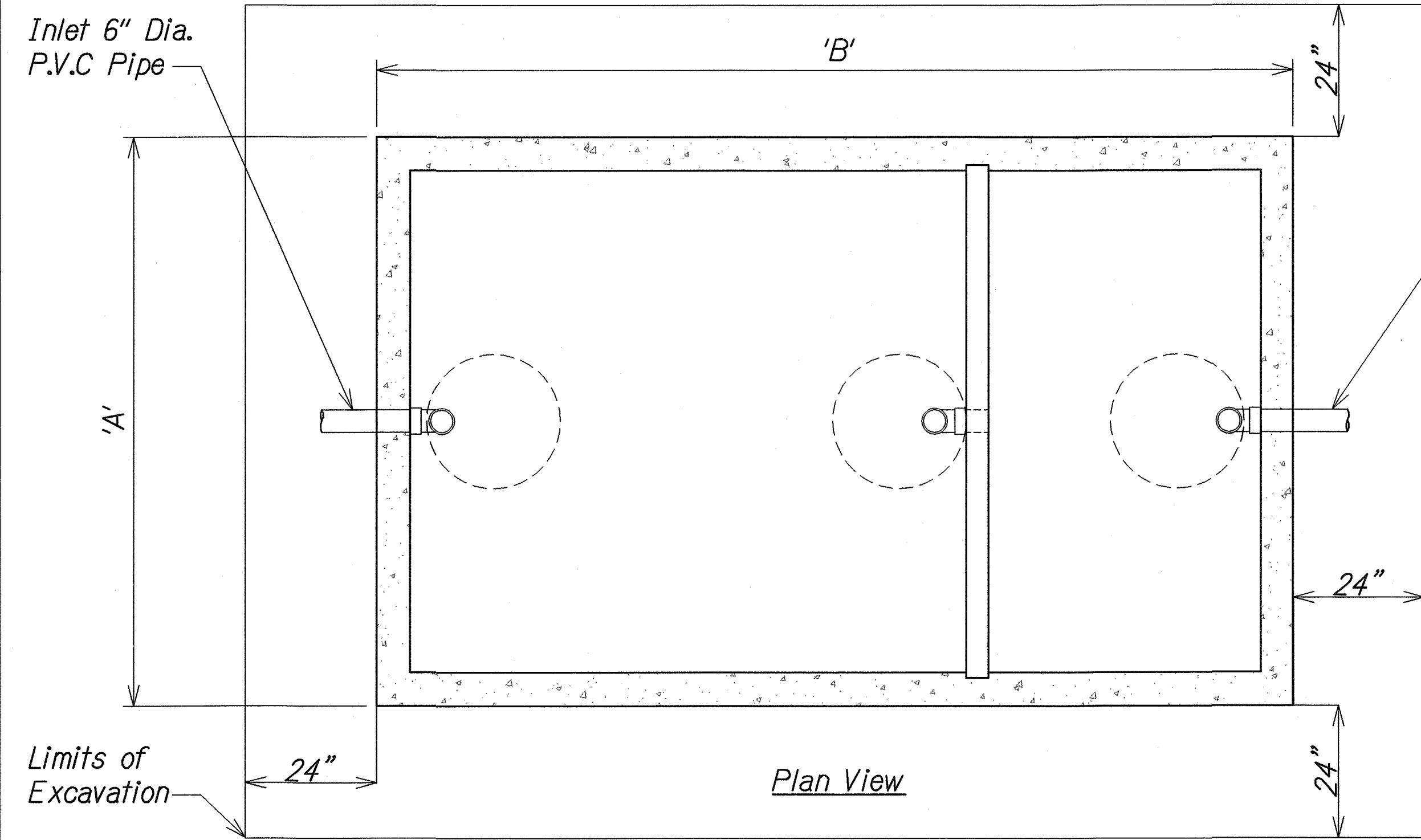
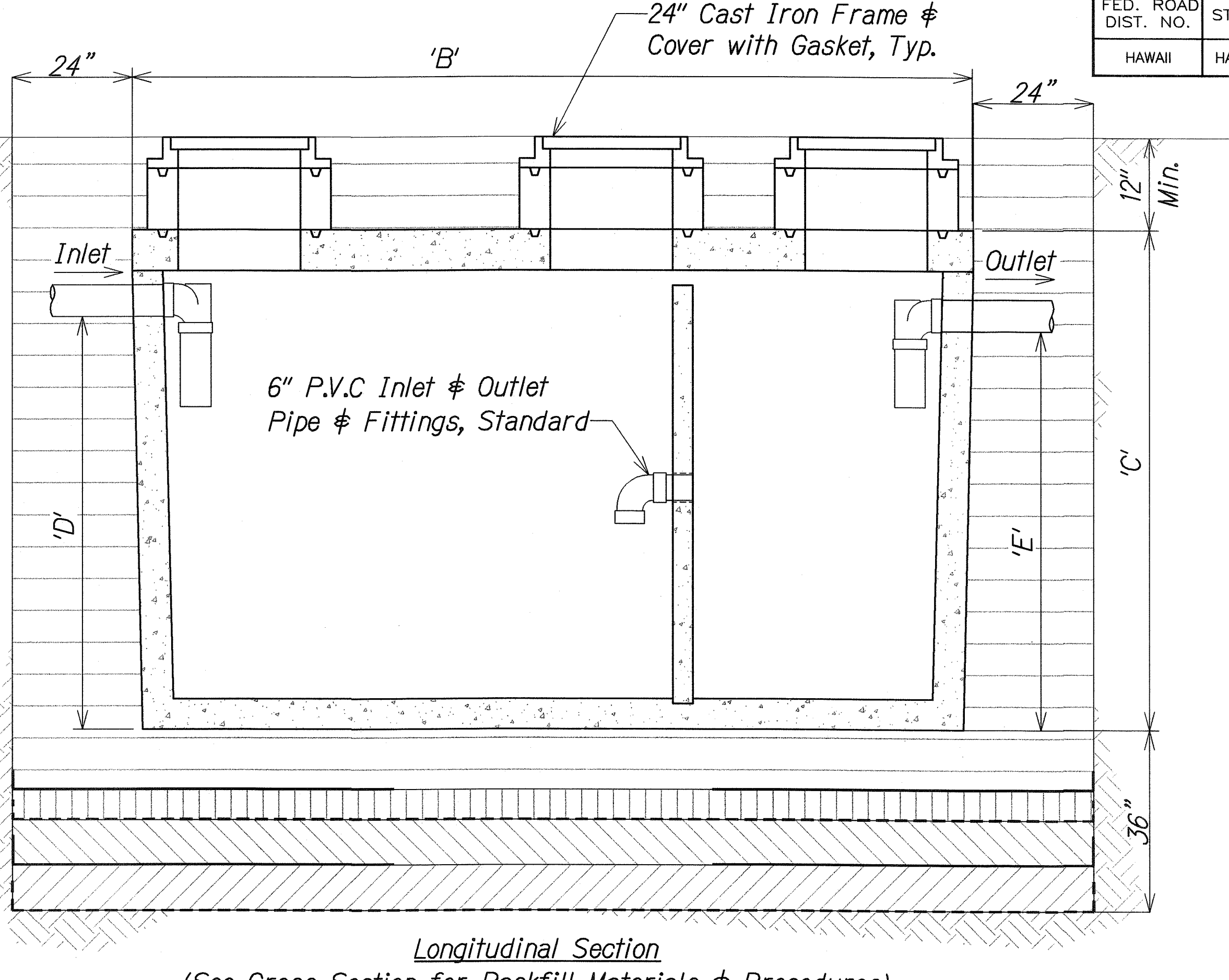
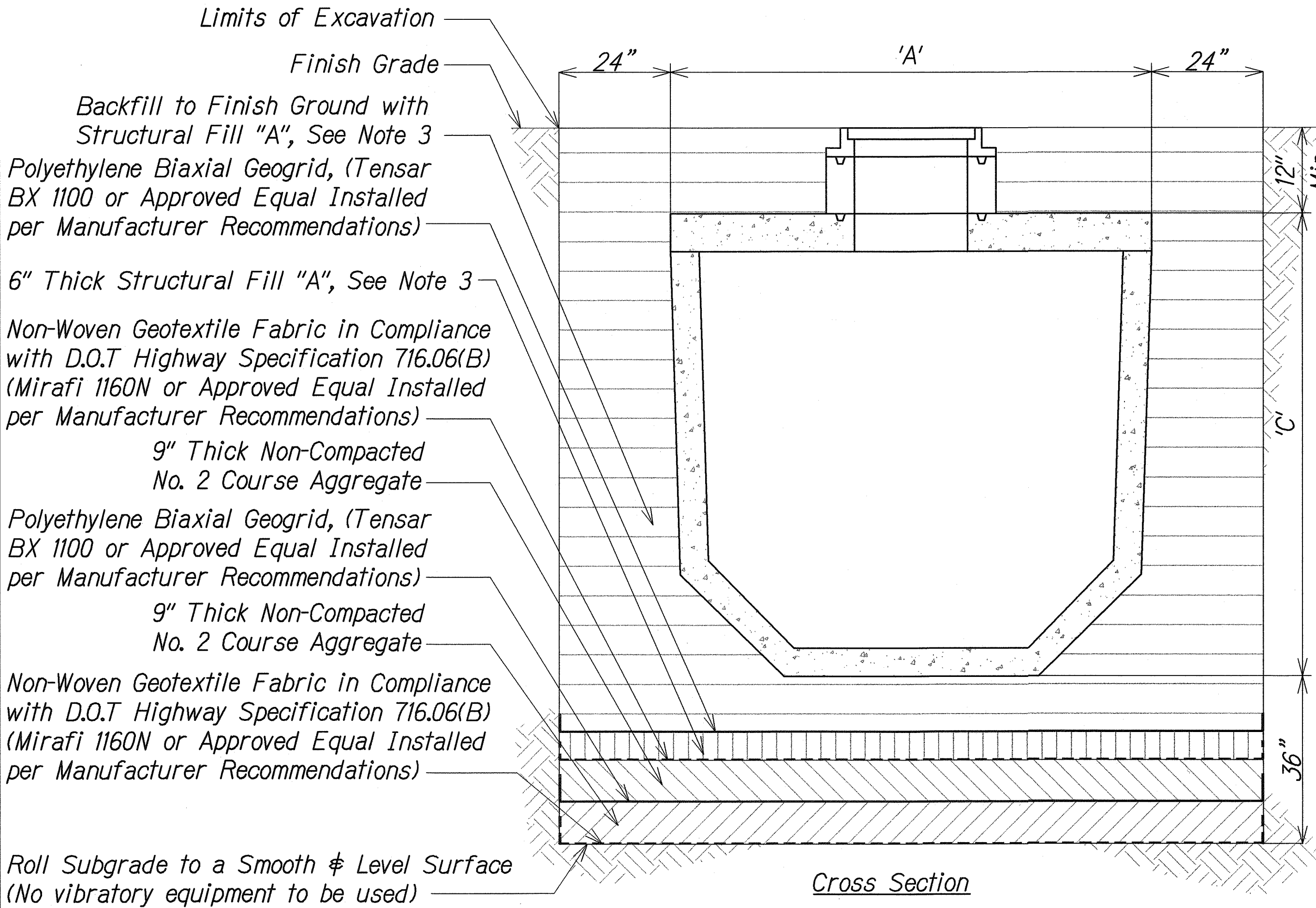
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Chad M. McDonald  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2012

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

|  |                |                             |
|--|----------------|-----------------------------|
| 6/11/10  | 1              | Revised Conc. Trench Det. # |
| Date   | Revision       | Sewer Pipe Trench Det.      |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |                |                             |
| <b>MISCELLANEOUS DETAILS-1</b>                                       |                |                             |
| PEARL CITY DRYING BED FACILITY<br>Project No. HWY-0-01-08            |                |                             |
| Scale: As Noted  | Date: May 2010 |                             |
| SHEET No. <b>C-15</b> OF 21 SHEETS                                   |                |                             |

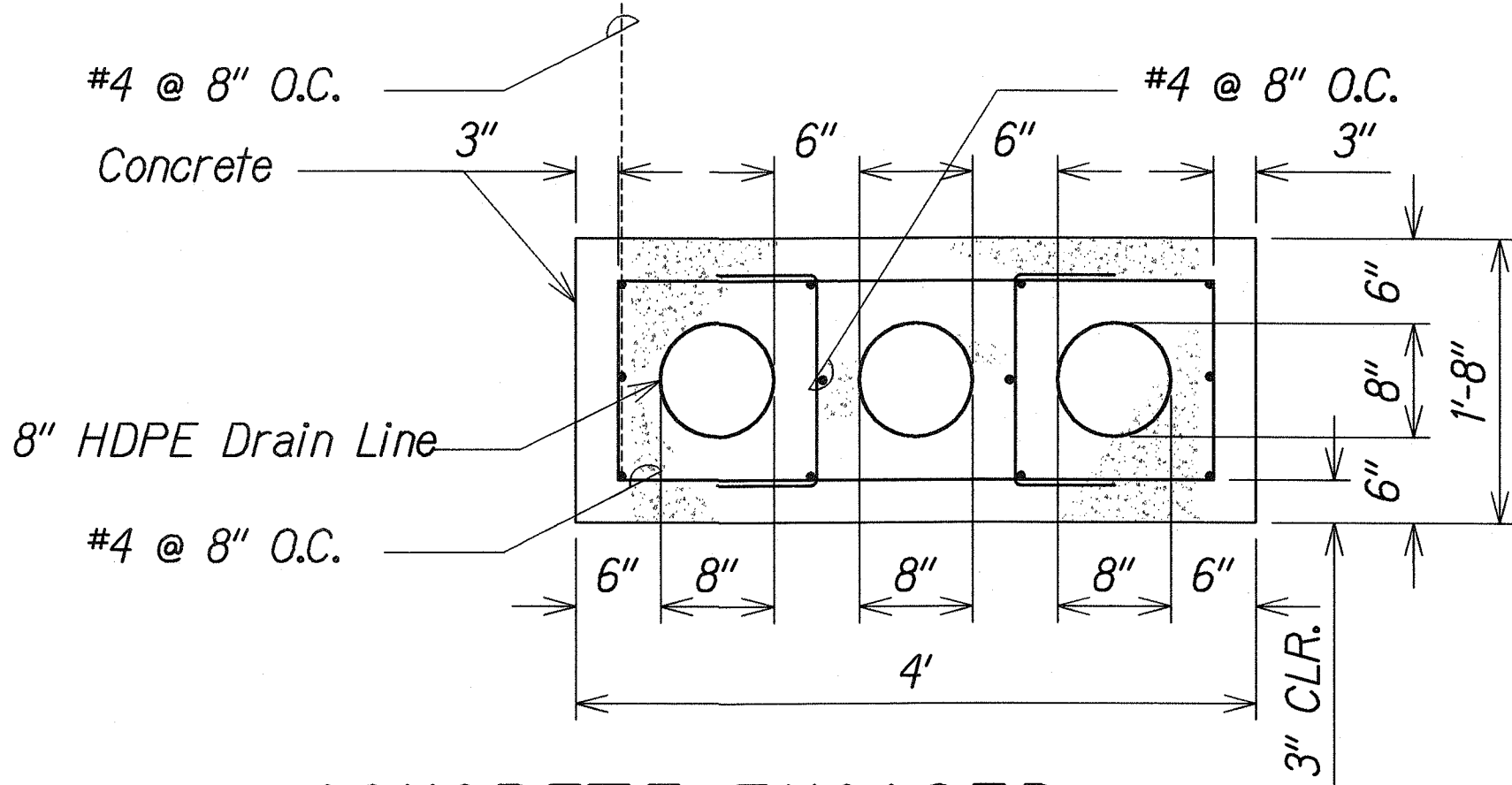




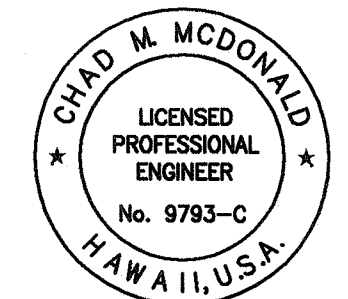
| Liquid Capacity Gallons | Width 'A' | Overall Length 'B' | Tank Height 'C' | Inlet 'D' | Outlet 'E' | Minimum Excavation Width | Minimum Excavation Length | Depth of Bury* | Max. Lift Weight |
|-------------------------|-----------|--------------------|-----------------|-----------|------------|--------------------------|---------------------------|----------------|------------------|
| 4000                    | 8'-6"     | 13'-9"             | 8'-2"           | 6'-8"     | 6'-5"      | 9'-6"                    | 14'-9"                    | 6' MAX.        | 33,100           |

**Oil-Water Separator Notes:**

- The tank shall be rated for H-20 traffic wheel load with 6' max. earth cover and water table at one foot below grade.
- Exterior and interior concrete surfaces to be coated with an approved bituminous material.
- Backfill with Structural "A" Fill shall be done in 8-inch loose lifts compacted to 6-inch thickness with a minimum of 90% relative compaction



Scale: 1" = 1'-0"



This work was prepared by me or under my supervision

Chad M. McDonald  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE 4/30/2012  
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

6/11/10  
1  
Revised Oil-Water Separator Det., Relocated Stop Log Det. to Sht. C-10 & Revised Det. Reference.

Date Revision

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**MISCELLANEOUS DETAILS-2**

PEARL CITY DRYING BED FACILITY  
Project No. HWY-0-01-08

Scale: As Noted Date: May 2010

SHEET No. **C-16** OF **21** SHEETS

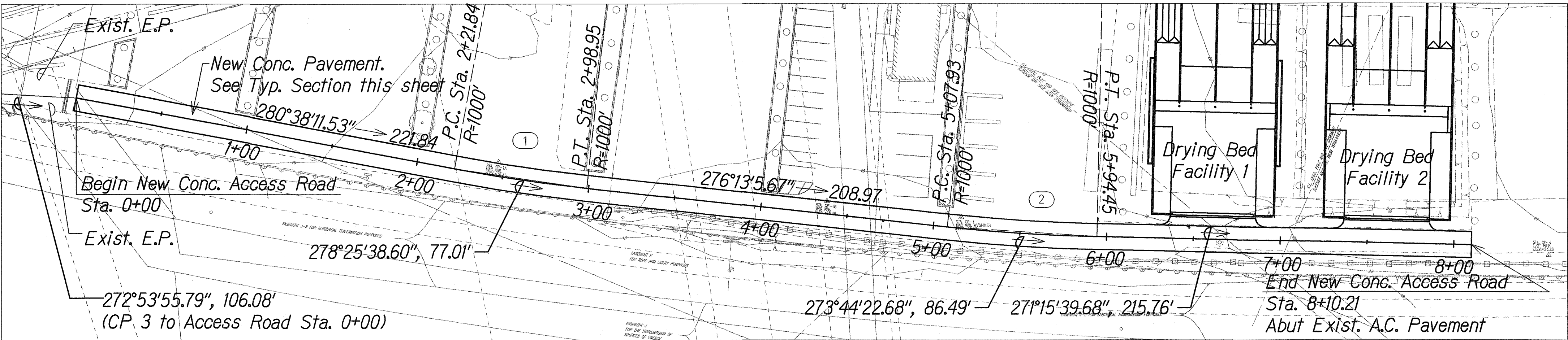






| FED. ROAD DIST. NO. | STATE  | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|-------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | HWY-0-01-08 | 2010        | ADD.20    | 34           |

| ACCESS ROAD CENTERLINE CURVE DATA |         |          |
|-----------------------------------|---------|----------|
|                                   | ①       | ②        |
| Δ                                 | 4°0'44" | 4°57'26" |
| Δ/2                               | 2°0'22" | 2°28'43" |
| R                                 | 1000'   | 1000'    |
| T                                 | 35.03'  | 43.29'   |
| C                                 | 70.01'  | 86.49'   |
| Lc                                | 70.03'  | 86.52'   |



ACCESS ROAD LAYOUT  
Scale: 1"=40'

Jointing Notes:

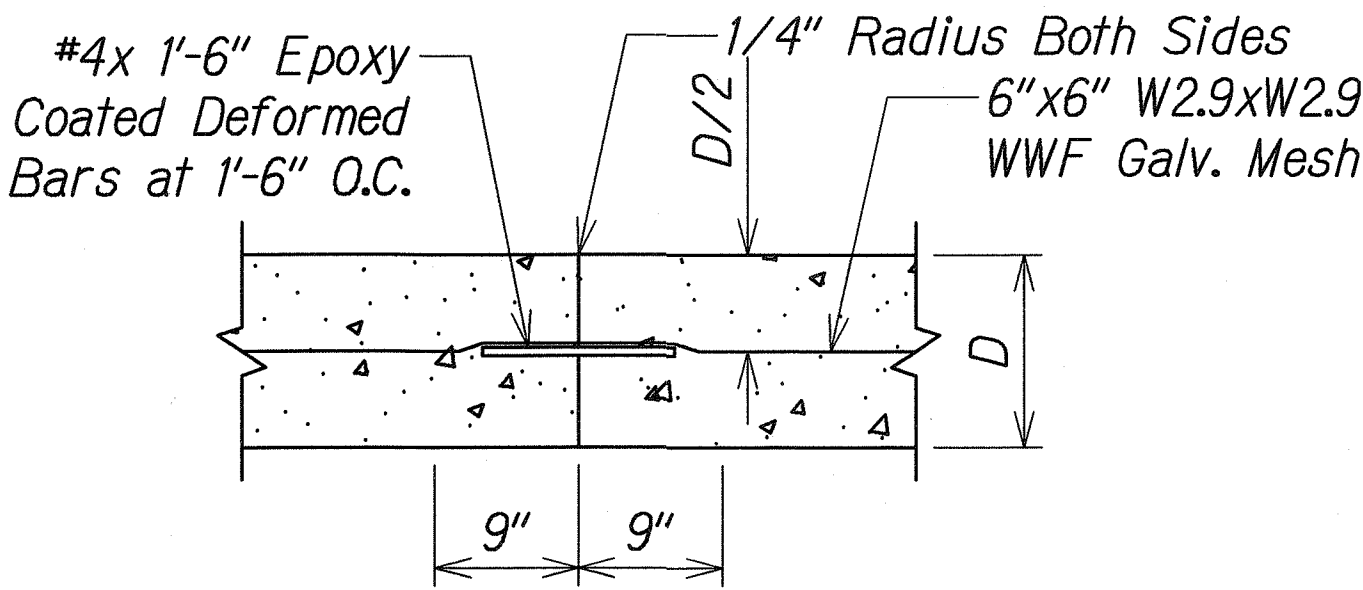
- All new PCC pavements shall be provided with permeable base course with longitudinal underdrains.
- Space transverse joint at successive intervals as shown on the plan.
- Locate transverse construction joints at the planned transverse contraction joint as shown on the jointing plan.
- Provide shop drawings for joint layout a minimum of 2-weeks prior to work where obstructions such as manholes are encountered, gore areas, termination of concrete with triangular or odd shaped slabs, and at intersections with other streets.
- For other joint requirements, see Section 411 - Portland Cement Concrete Pavement.

Longitudinal Joint Notes:

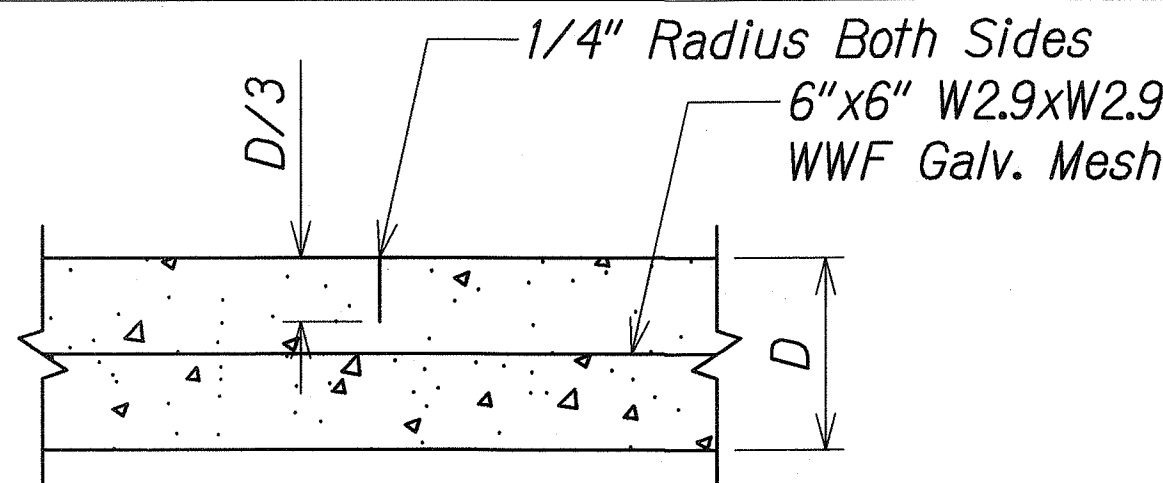
- Epoxy-Coated Deformed Bars shall conform to ASTM A775/A775M-00 Grade 40.
- Tiebars are to be located a minimum distance of 15 inches from a Transverse Joint. Tiebars closer to the transverse joint may interfere with joint movement.
- The Contractor shall not damage the epoxy coating on the deformed bars in any way during shipment, handling, placement or rebending. Damaged epoxy-coated deformed bars shall be replaced at no cost to the State.

Transverse Joint Notes:

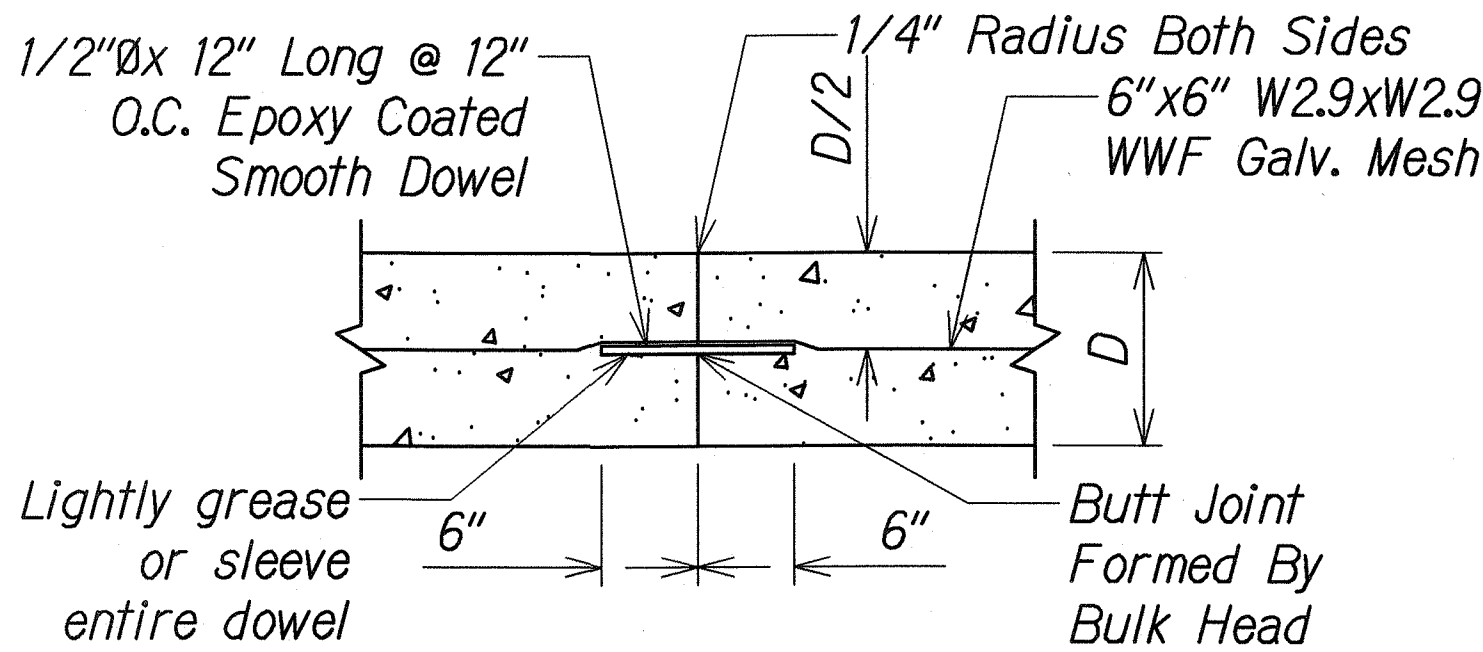
- Epoxy-Coated Dowels shall conform to AASHTO M 284/M 284M Grade 60. For pavements with  $D < 10"$ , use 1-1/4"  $\emptyset$  x 1'-6" long dowels. For pavements with  $D \geq 10"$ , use 1-1/2"  $\emptyset$  x 1'-6" long dowels.
- Locate Transverse Construction Joints at the nearest planned Transverse Contraction Joint as shown on the jointing plans. joint shall be perpendicular to paving lane.
- It is critical that dowels be positioned in place parallel to the pavement surface and paving lane direction to avoid future cracks in the PCC pavement. The ends of the dowels shall not deviate more than 0.012' from the parallel in 9" length.
- The Contractor shall not damage the epoxy coating on the dowel in any way during shipment, handling or placement. Damaged epoxy-coated dowels or rebar shall be replaced at no cost to the State.



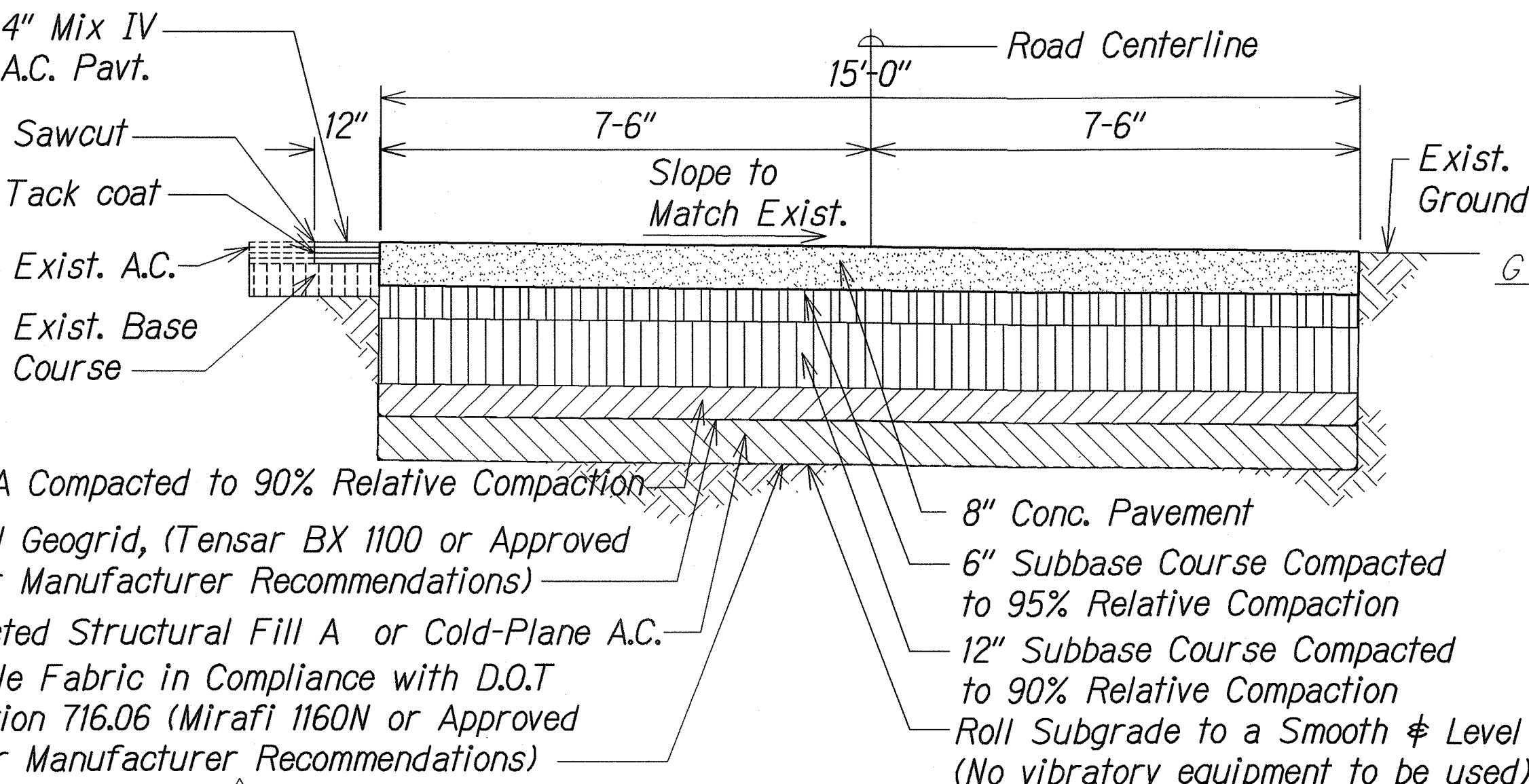
LONGITUDINAL CONSTRUCTION JOINT  
Not to Scale



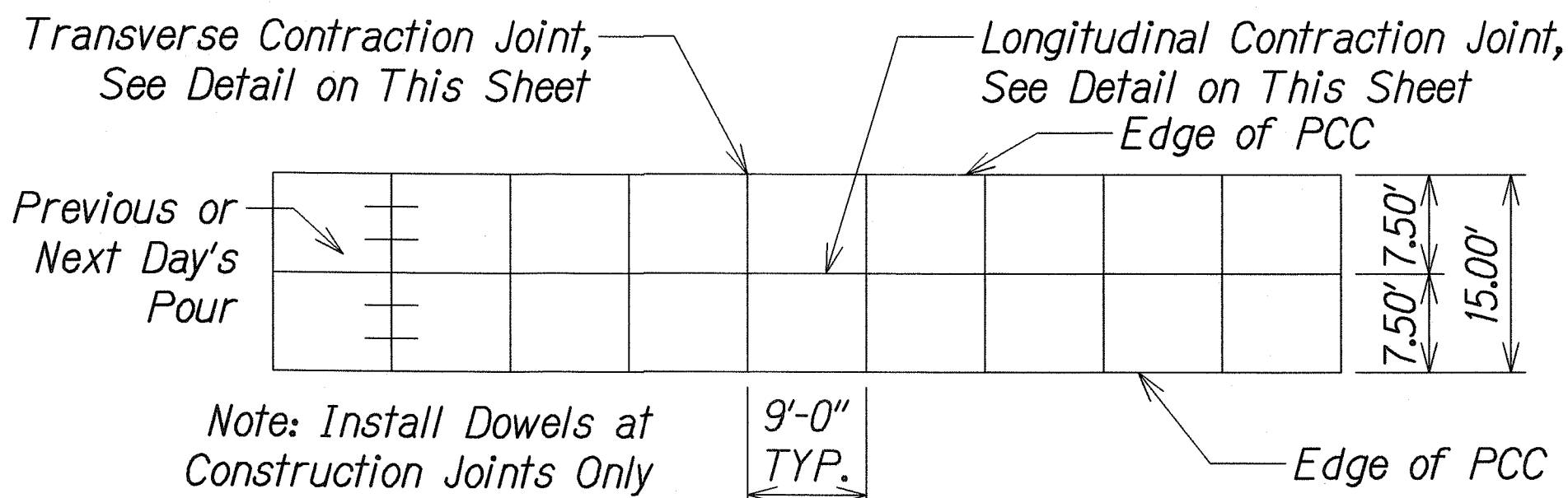
TRANSVERSE OR LONGITUDINAL CONTRACTION JOINT  
Not to Scale



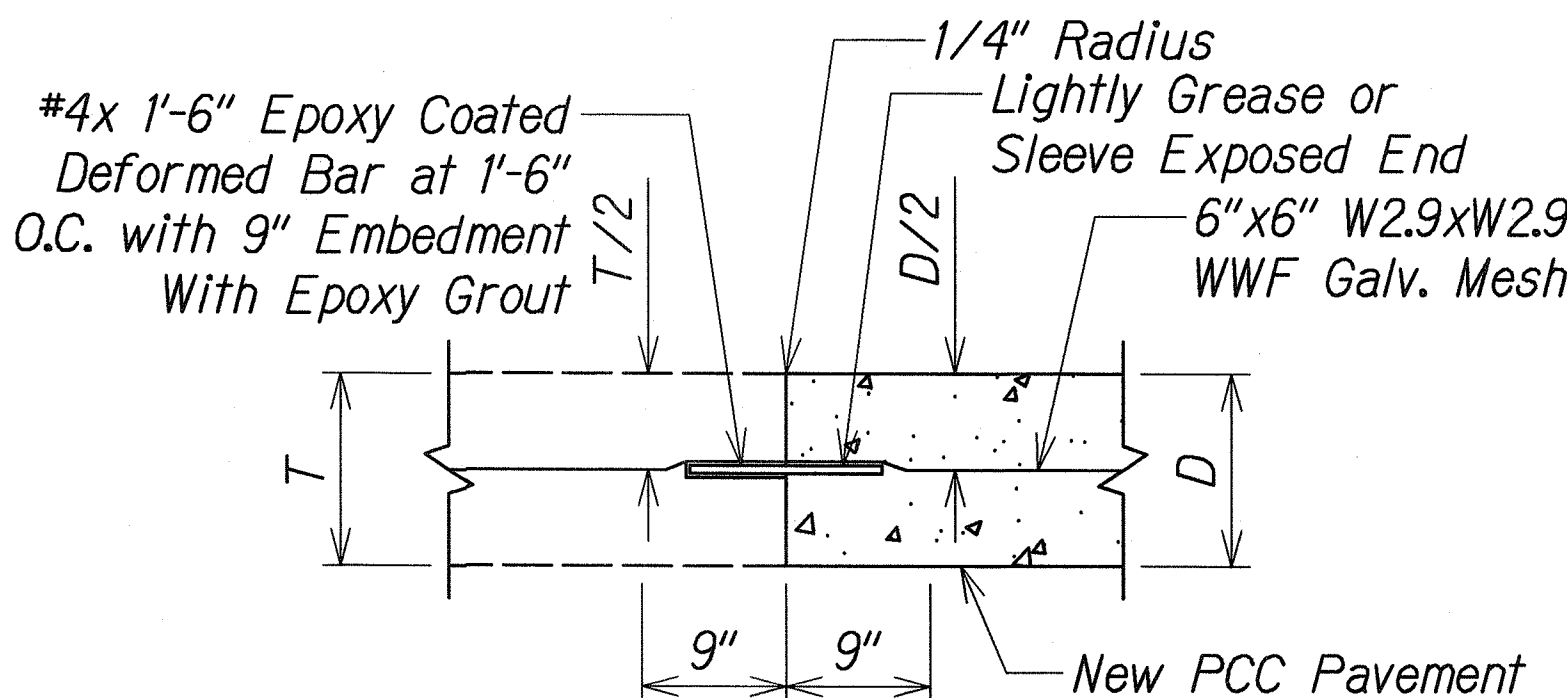
TRANSVERSE CONSTRUCTION JOINT  
Not to Scale



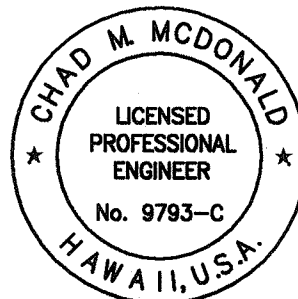
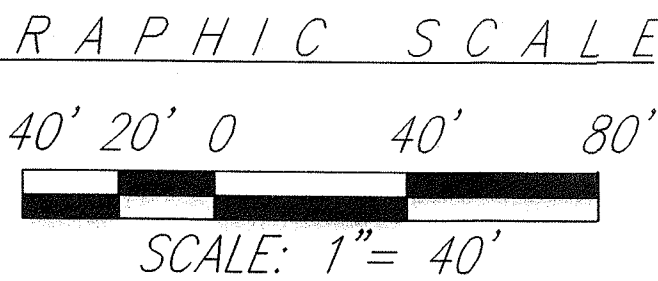
ACCESS ROAD REPAVEMENT TYPICAL SECTION  
Scale: 1/2" = 1'-0"



TYPICAL JOINT LOCATION AND LAYOUT PLAN FOR CONSTANT PCC PAVEMENT  
Scale: 1" = 1'-0"



LONGITUDINAL CONSTRUCTION JOINT AT EXIST. PCC PAVEMENT  
Not to Scale



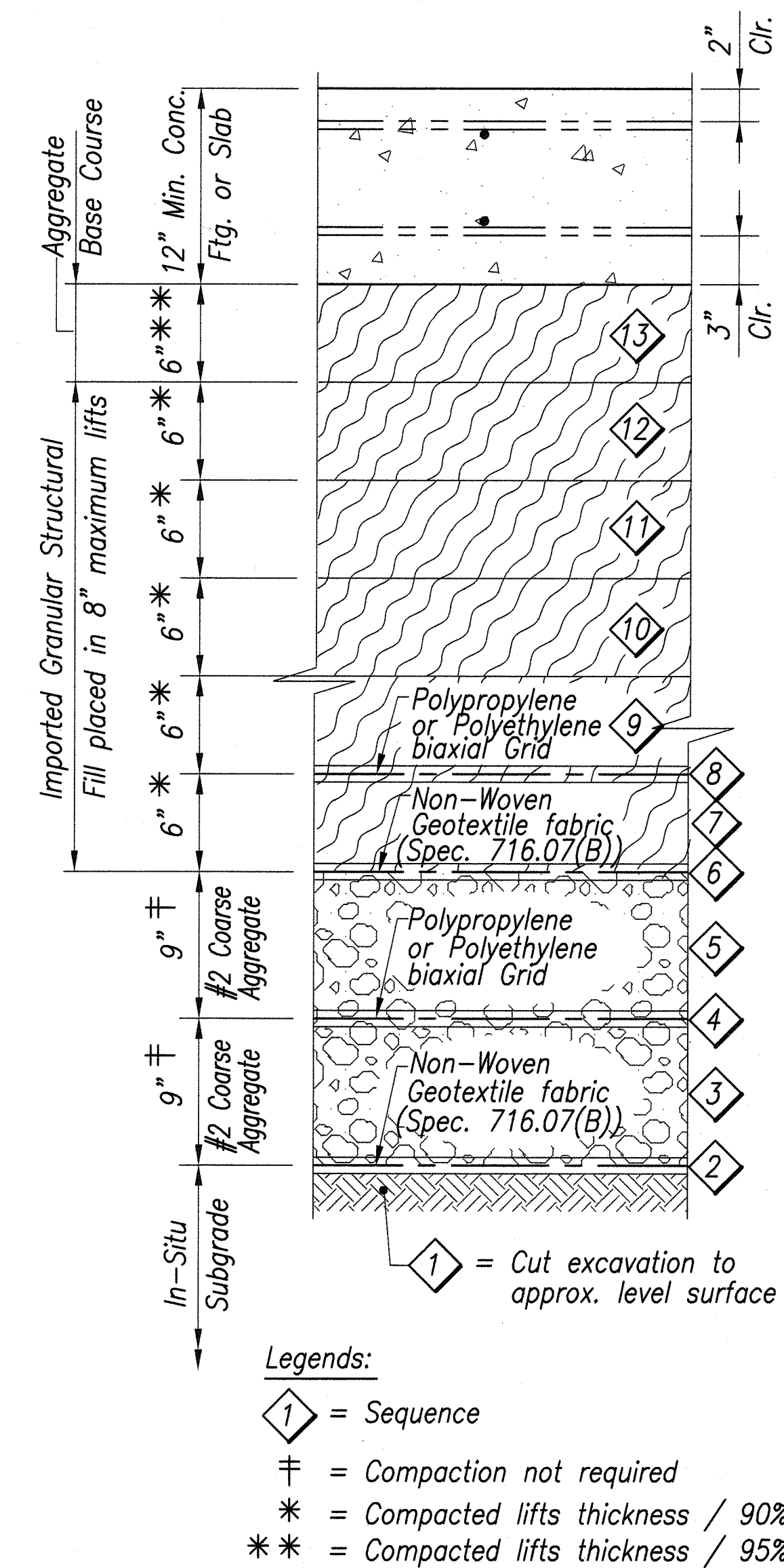
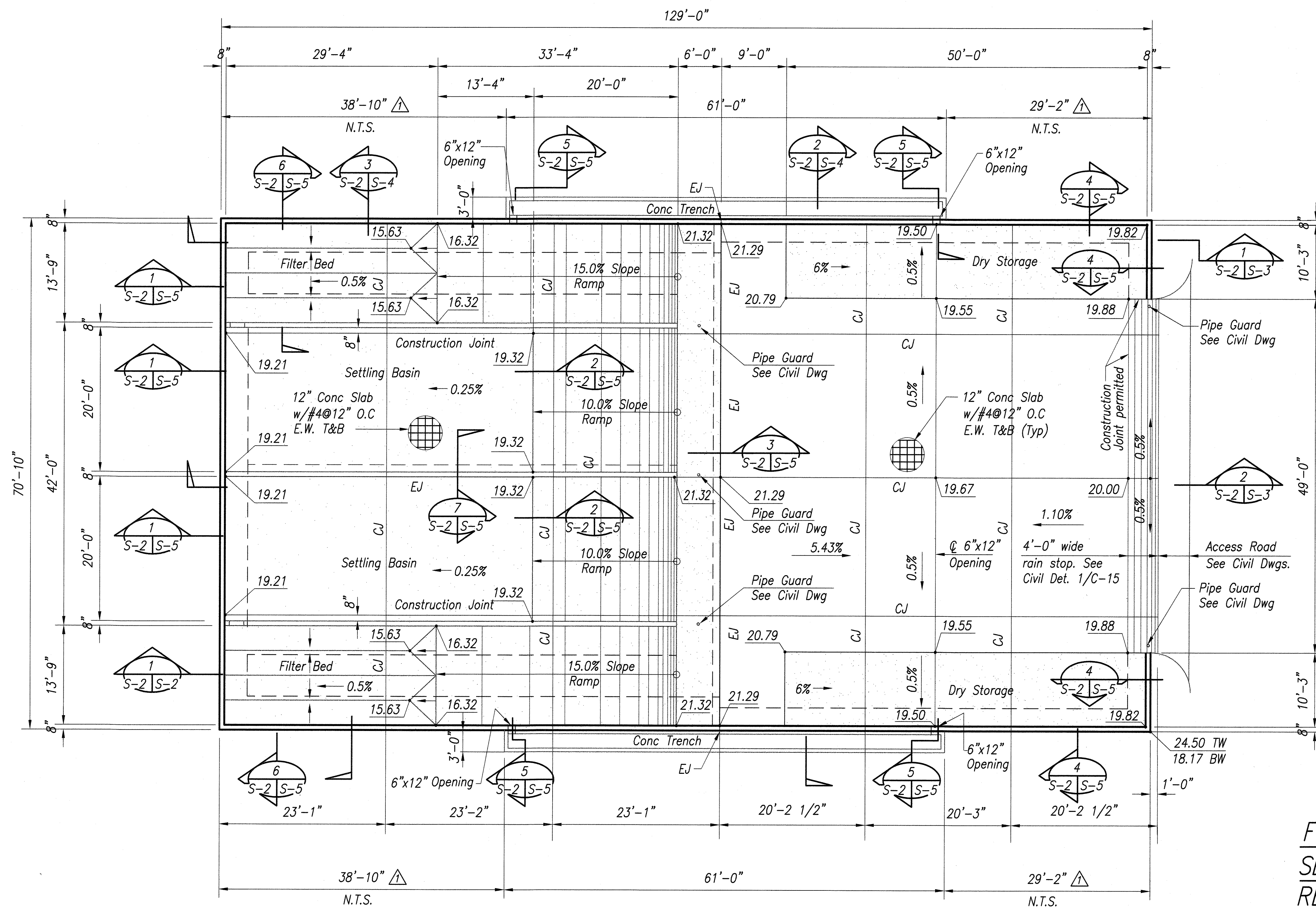
This work was prepared by me or under my supervision

Chad M. McDonald  
4/30/2012  
MITSUNAGA & ASSOCIATES, INC. EXP. DATE  
NOTE: Contractor to check and verify dimensions at job before proceeding with work.


|  |   |
|--|---|
| 6/11/10  | <div><div>1</div></div> <div>Revised Access Road<br/>Pavement Section</div> |
| Date   | Revision  |
| <div>STATE OF HAWAII<br/>DEPARTMENT OF TRANSPORTATION<br/>HIGHWAYS DIVISION</div> <div><u><b>ACCESS ROAD LAYOUT</b></u></div> <div><u><b>PEARL CITY DRYING BED FACILITY</b></u></div> <div><u><b>Project No. HWY-0-01-08</b></u></div> <div>Scale: As Noted      Date: May 2010</div> <div>SHEET No. <b>C-18</b> OF <b>21</b> SHEETS</div> |   |



| FED. ROAD<br>DIST. NO. | STATE  | PROJ. NO.   | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|--------|-------------|----------------|--------------|-----------------|
| HAWAII                 | HAWAII | HWY-0-01-08 | 2010           | ADD.23       | 34              |



Legends:


 = Sequence

‡ = Compaction not required

\* = Compacted lifts thickness / 90%

\*\* = Compacted lifts thickness / 95%

FOUNDATION CONSTRUCTION  
SEQUENCE GEOTEXTILE FABRIC  
REQUIRED Scale: 1 1/2" = 1'-0"

|         |  |
|---------|--|
| 6/11/10 |  Corrected Trench location<br>per Civil Sheet C-13. |
| DATE    | REVISION   |

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**DRYING BED FOUNDATION PLAN**


**FACILITY NO. 1**

**PEARL CITY DRYING BED FACILITY**

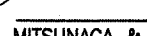
**Project No. HWY-O-01-08**

*Scale: As Noted      Date: May 2010*

**SHEET No. S-2 OF 6 SHEETS**



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4/30/01

MITSUMAGA & ASSOCIATES, INC. EXP.

NOTE: Contractor to check and verify  
dimensions at job before proceeding with work

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

**SHEET No. S-2 OF 6 SHEETS**

ADD.23

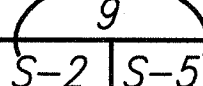
|               |   |
|---------------|---|
| ORIGINAL PLAN | SURVEY PLOTTED BY _____ DATE _____                |
| NOTE BOOK     | DRAWN BY <u>Mitsunaga &amp; Associates</u> "      |
|               | DESIGNED BY <u>Mitsunaga &amp; Associates</u> "   |
|               | QUANTITIES BY <u>Mitsunaga &amp; Associates</u> " |
|               | CHECKED BY _____ "                                |
| No. _____     |   |

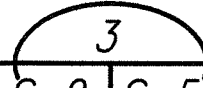
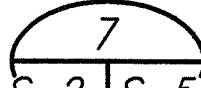
DRYING BED FOUNDATION PLAN - FACILITY NO. 1  
Scale: 1/8" = 1'-0"

Note:

1. For Finished Floor and Wall Elevations,  
See Civil Dwg's, Sht. C-7
2. For Foundation Construction Sequence, See S-2.


Legends:

CJ : Control Joint - See 

EJ : Expansion Joint - See  & 


GRAPHIC SCALE:

8 6 4 2 0 8 16



SCALE:  $1/8" = 1'-0"$

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4/30/01

MITSUMAGA & ASSOCIATES, INC. EXP.

NOTE: Contractor to check and verify  
dimensions at job before proceeding with work