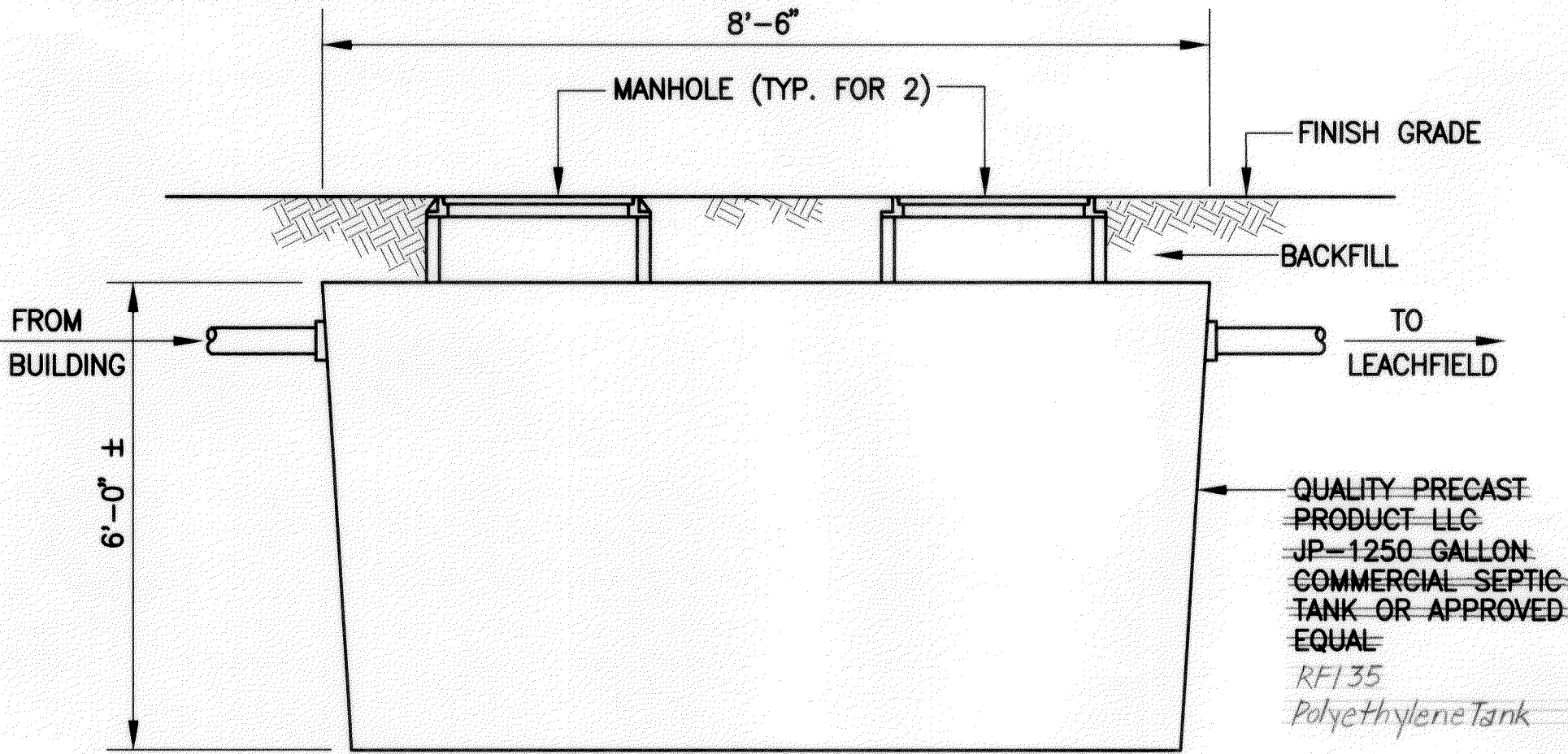


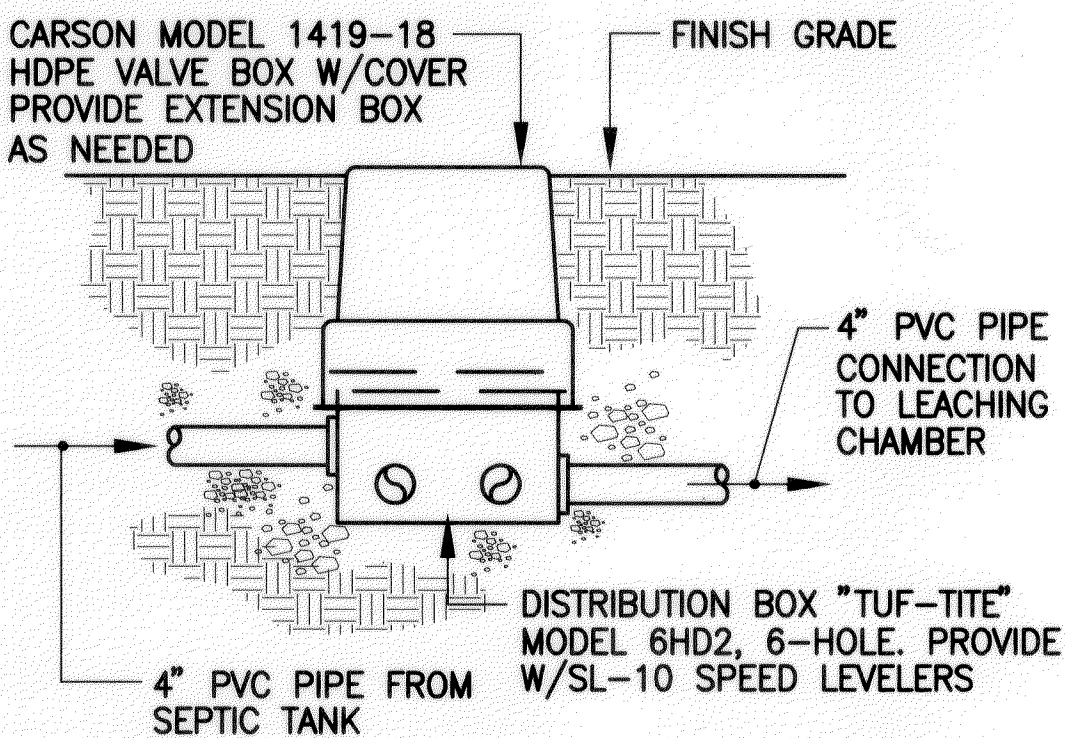
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-05-98	2002	19	99

NOTES

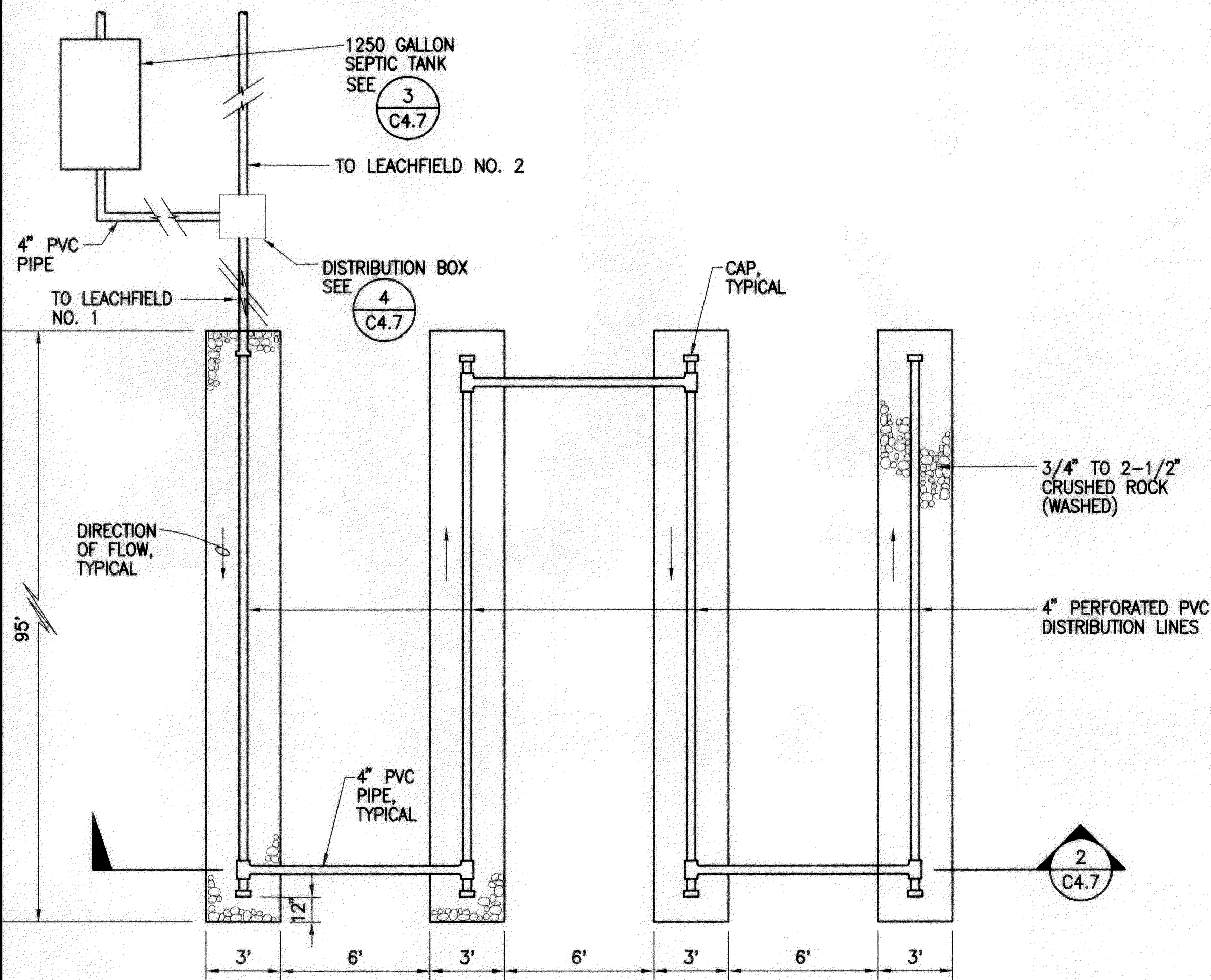
- INVERT OF OVERFLOW PIPE MUST BE AT LEAST 4" LOWER THAN SEPTIC TANK OUTLET.
- THE TRENCH FOR THE RELIEF OR OVERFLOW PIPE SHALL REST ON UNDISTURBED EARTH AND BACKFILL SHALL BE CAREFULLY COMPACTED.
- MATERIALS: MANUFACTURERS LISTED BELOW SHOW STYLE AND QUALITY. EQUIVALENT FIXTURES MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
 - SEPTIC TANK - PRECAST CONCRETE SEPTIC TANK BY QUALITY PRECAST PRODUCTS LLC OR APPROVED EQUAL 1,250 GALLON CAPACITY. THE TANK SHALL HAVE DOUBLE COMPARTMENTS WITH MANHOLE ACCESS OVER BOTH COMPARTMENTS.
 - PERFORATED PIPE - 4-INCH ROUND, SCHEDULE 40 PVC WITH 1/2-INCH DIAMETER HOLES DRILLED AT 6-INCH SPACING.
 - CRUSH ROCK - GRADATION ASTM DESIGNATION NO. 2, 2-1/2 INCH TO 3/4-INCH MANUFACTURED FROM DURABLE CLEAN ROCKS.
- CONTRACTOR SHALL NOTIFY ENGINEER FOR A SITE INSPECTION PRIOR TO BACKFILL AFTER PERFORATED PIPES HAVE BEEN LAID.
- CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS UPON COMPLETION AND ACCEPTANCE OF WORK.
- CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE TO REPAIR OR REPLACE AT HIS OWN EXPENSE ANY PARTS THAT MAY DEVELOP ANY DEFECTS DUE TO FAULTY MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER FINAL PAYMENT IS MADE.



3 SEPTIC TANK DETAIL SECTION
C4.7 SCALE: 1/2" = 1'-0"



4 DISTRIBUTION BOX DETAIL
C4.7 NOT TO SCALE



LEACHFIELD CALCULATIONS:

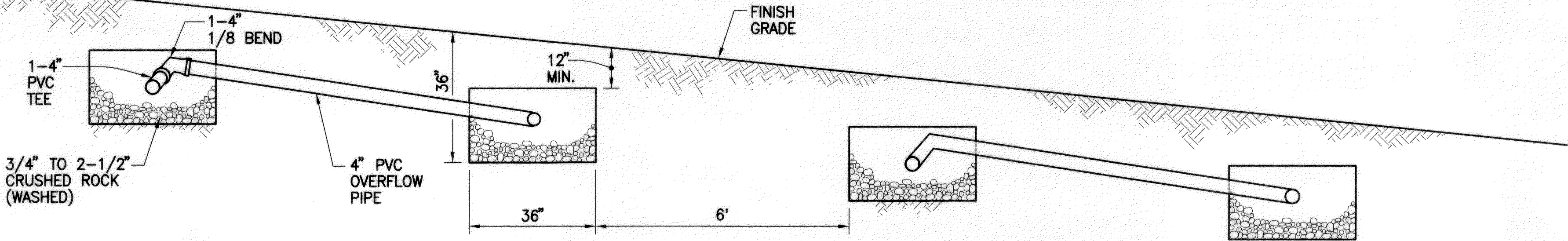
PROJECT : MOLOKAI BASEYARD
LOCATION : MOLOKAI, HAWAII
T.M.K. : 2-5-2-31 : LOTS 9 & 10

LEACHFIELD NO. 1 & NO. 2:

DESIGN FLOW : 970 GAL/DAY
SEPTIC TANK : 1,250 GALLON CAPACITY
PERCOLATION RATE : 40 MIN./IN.
LEACHFIELD TRENCH DIMENSIONS: 3 FT (WIDE) x 95 FT (LONG) x
4 TRENCHES = 1,140 SF

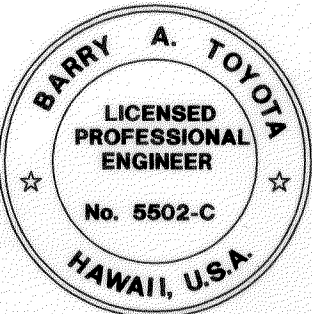
* REFERENCE SECTION 11-62-34 OF HAWAII STATE DEPARTMENT OF HEALTH - WASTEWATER BRANCH IWS INFORMATION PACKET, FEBRUARY 1984. MANUAL OF SEPTIC TANK PRACTICE.

1 LEACHFIELD PLAN
C4.7 NOT TO SCALE



2 LEACHFIELD SECTION
C4.7 SCALE: 1/2" = 1'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTEBOOK	
No.	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

Barry A. Toyota

DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LEACHING DETAILS MOLOKAI BASEYARD MOLOKAI INDUSTRIAL PARK Project No. HWY-M-05-98	
Scale: As Noted	Date: Sept. 13, 2001
SHEET No. C4.7 OF C4.10 SHEETS	

"AS-BUILT"