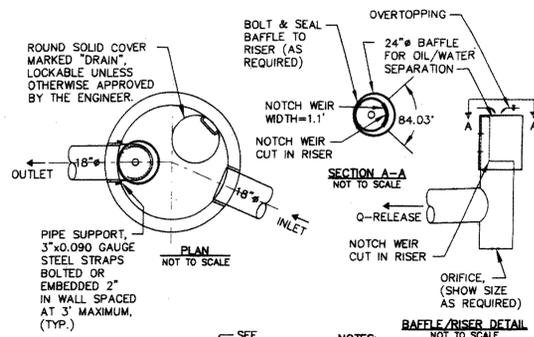


PORTION OF THE SW 1/4, SECTION 32, T. 21 N., R. 5 E., W.M.

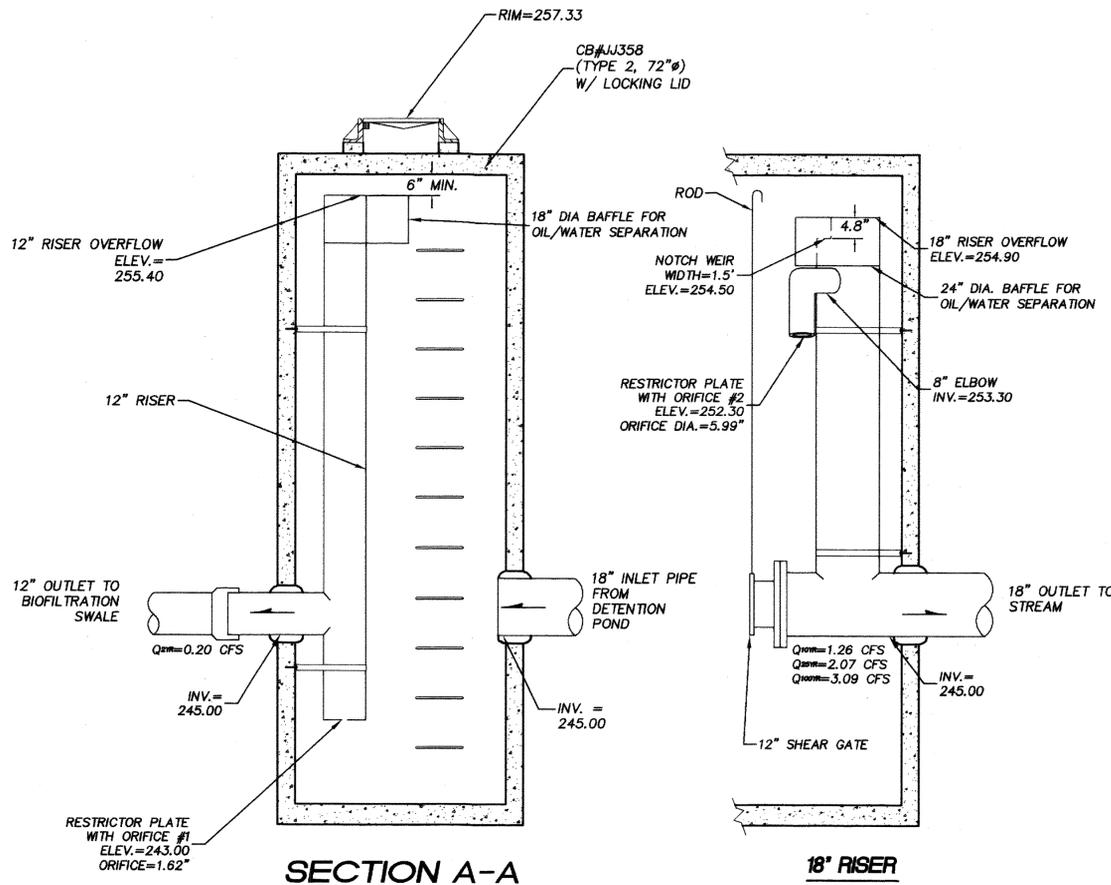


BAFFLE/RISER DETAIL

- NOTES:
- 1) PIPE SIZES AND SLOPES PER PLAN.
 - 2) ALL METAL PARTS SHALL BE GALVALUM, STAINLESS STEEL, OR PVC.
 - 3) FRAME (LID OPENING) & LADDER/STEPS SHALL BE ROTATED SUCH THAT RISER IS VISIBLE FROM TOP; LADDER/STEPS FUNCTION IS CLEAR FROM RISER, FRAME IS CLEAR OF CURB.
 - 4) IF METAL OUTLET PIPE CONNECTS TO CEMENT CONCRETE PIPE, IT SHALL HAVE SMOOTH OUTSIDE DIAMETER EQUAL TO CONCRETE PIPE INSIDE DIAMETER OR 1/4" LESS, TYPICAL.
 - 5) SHOW ALLOWABLE DISCHARGE Q FOR EACH DESIGN STORM DESIGNATION.

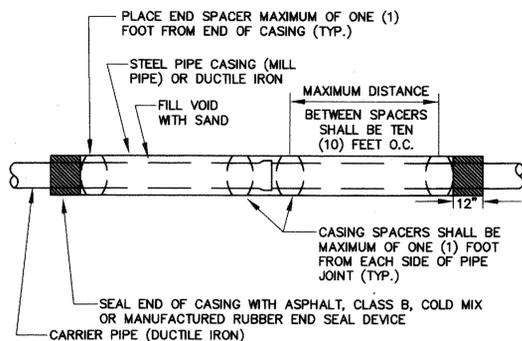
NORTH WEIR CONTROL STRUCTURE

NTS PER COA STORM-01



DESIGN STORM DISCHARGE

2YR=0.20 CFS
10YR=1.26 CFS
25YR=2.07 CFS
100YR=3.09 CFS



CASING SPACERS (SEE APPROVED MATERIALS LIST)

CARRIER PIPE DIAMETER	4"	6"	8"	10"	12"	18"
CASING DIAMETER (PUSH-ON JOINT CARRIER PIPE)	10"	12"	14"	16"	20"	24"
CASING DIAMETER (M/J/MEGALUG JOINT CARRIER PIPE)	14"	16"	18"	20"	22"	30"
STEEL CASING THICKNESS	0.25"	0.25"	0.25"	0.25"	0.25"	0.25"
SPACER BAND WIDTH	8"	8"	8"	8"	8"	8"

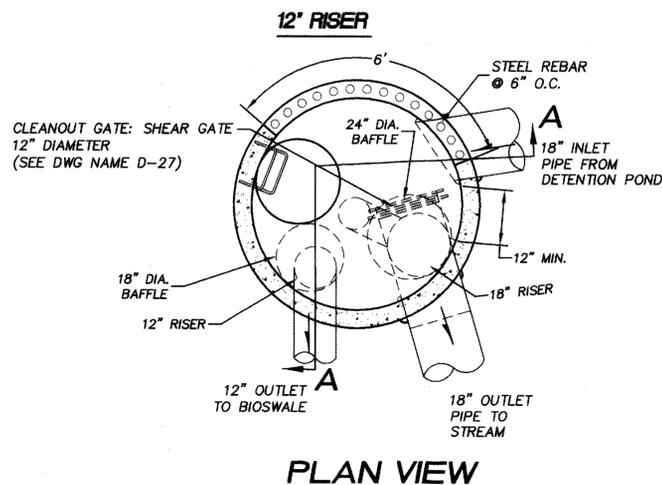
* 24" FOR DUCTILE IRON CASING.

ANTICORROSION COATING THICKNESS:
CARRIER - 8 MILLS DFT
CASING - 8 MILLS DFT

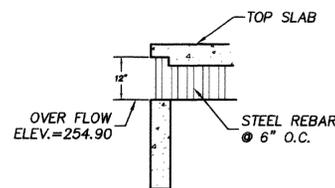
NOTES:

1. CASING SPACERS SHALL BE "CENTER POSITIONING" TYPE.
2. MINIMUM RUNNER WIDTH SHALL BE 2 INCHES.
3. RUNNER HEIGHT SHALL BE SIZED TO PROVIDE:
 - A. MINIMUM 0.75" BETWEEN CARRIER PIPE BELL AND CASING PIPE WALL AT ALL TIMES.
 - B. MINIMUM 1" CLEARANCE BETWEEN RUNNERS AND TOP OF CASING WALL TO PREVENT JAMMING DURING INSTALLATION.
4. STEEL CASING DIAMETERS ARE "OUTSIDE DIAMETER" FOR 16" AND LARGER.
5. SPACER BAND WIDTH SHALL BE 12" FOR CARRIER PIPES THAT ARE 36" DIAMETER OR GREATER

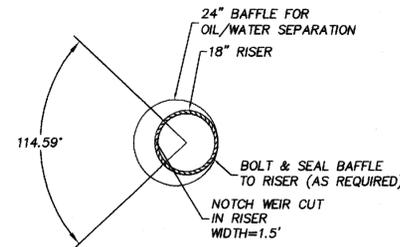
PIPE CASING UNDER WALLS



PLAN VIEW



CB#J358 (FLOW CONTROL STRUCTURE)



BAFFLE AND RISER DETAIL FOR 18' RISER



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Pacific
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Civil Engineering and
Planning Consultants

LAKELAND HILLS ESTATES
CITY OF AUBURN

FOR:
DENOVA NORTH-WEST, LLC
17637 1ST AVE. SOUTHWEST PMB#2
NORMANDY PARK, WA 98148
PHONE: (206) 433-3884
FAX: (206) 299-9519

PROJECT NO.: 12022

DRAWN BY: ENM

ISSUE DATE: 07-17-07

SHEET REV.: 3-20-2013

STORM DETAILS

RECORD DRAWING CERTIFICATION
THESE DRAWINGS CONFORM TO THE CONTRACTOR'S
CONSTRUCTION RECORDS.

BY: _____ DATE _____

TITLE/POSITION: _____

CONFIRMED BY CITY: _____ DATE _____

PROJECT REF: FAC07-0016
HS May 10, 2013
THESE PLANS ARE "APPROVED" FOR CONFORMANCE WITH
THE CITY OF AUBURN'S ENGINEERING DIVISION
REQUIREMENTS.

APPROVED BY: *Dennis Sello*
DATE APPROVED: 5/15/13

050560T02-C19.DWG

C32

SHEET 32 OF 55