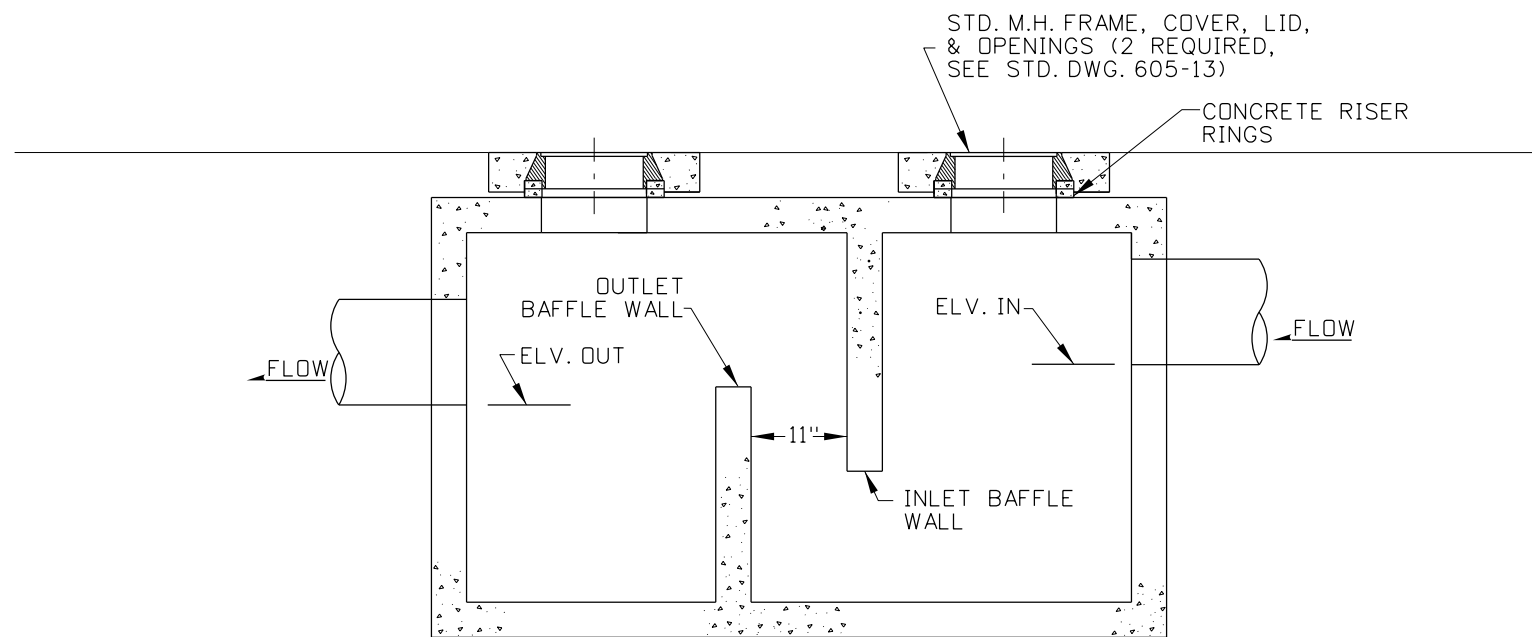


PLAN



SECTION A-A  
SAND AND OIL TRAP

**NOTES**

1. SEDIMENT & OIL TRAPS MAY BE EITHER PRECAST OR CAST-IN-PLACE. PRECAST TRAPS SHALL MEET THE REQUIREMENTS OF ASTM C 478 AND SHALL HAVE A DESIGN LOAD MEETING AASHTO HS-25 HIGHWAY LOADING.
2. ALL REINFORCING STEEL SHALL BE GRADE 60.
3. CAST-IN-PLACE SEDIMENT & OIL TRAPS SHALL CONFORM TO SECTION 609 - MINOR STRUCTURES OF THE CURRENT ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. DETAILED DRAWING OF PRECAST BOX OR CAST-IN-PLACE BOX DESIGN MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
4. FOR DETAILS ON MANHOLE INSTALLATION REFER TO STANDARD DRAWING 605-13 (STANDARD MANHOLE FRAME, COVER, & CONCRETE COLLAR).
5. HEIGHT OF OUTLET BAFFLE WALL AND LENGTH OF INLET BAFFLE WALL DETERMINED BY TANK CAPACITY AND FLOW RATE.
6. IF DISTANCE FROM TOP OF BOX TO BOTTOM OF MANHOLE FORM EXCEEDS 12" USE PRECAST MANHOLE RISER PLUS A MAXIMUM OF 12" OF RISER GRADE RINGS.
7. PROVIDE STEPS WHEN THE DISTANCE FROM TOP OF MANHOLE FRAME TO TOP OF BOX EXCEEDS 24".
8. CONCRETE RISER RINGS (MAX 24"). FOR VAULT DEPTH GREATER THAN 24", USE PRECAST MANHOLE SECTIONS.
9. LOCATION AND FLOW LINE ELVATION PER DESIGN PLANS.
10.  $ELV. IN > ELV. OF TOP OF OUTLET BAFFLE WALL$  BY A MINIMUM OF 0.1', UNLESS OTHERWISE APPROVED BY THE ENGINEER.
11.  $ELV. OUT < ELV. OF TOP OF OUTLET BAFFLE WALL$  BY A MINIMUM OF 0.25', UNLESS OTHERWISE APPROVED BY THE ENGINEER.
12. NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	10-11	KEH						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 605-31\_1011.dgn

DRAWING DATE: JUNE, 1996

**IDAHO TRANSPORTATION DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS  
HIGHWAYS PROGRAM OVERSIGHT ENGINEER

ORIGINAL SIGNED BY: TOM COLE  
CHIEF ENGINEER

STANDARD DRAWING

**SEDIMENT AND OIL TRAP MANHOLE**

REFER TO STD. DWG. 605-13

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

**English**

STANDARD DRAWING NO.  
**605-31**

SHEET 1 OF 1

ORIGINAL SIGNED BY: KARISSA HARDY  
DATE ORIGINAL SIGNED: OCTOBER 3, 2011