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 476 AND SHALL HAVE A DESIGN LOAD MEETING AGHCM NO-20 HIGHWAY LOADING.

2. ALL REINFORCING STEEL SHALL BE GRADE 60.

3. CAST-IN-PLACE SEDIMENT & OIL TRAPS SHALL CONFORM TO SECTION 605 - MINOR STRUCTURES OF THE CURRENT IDAHO HIGHWAY CONSTRUCTION DETAILS 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 BATTLES WALL AND LENGTH OF INLET BATTLE WALL DETERMINED BY TANK CAPACITY AND FLOW RATE.

6. IF DISTANCE FROM TOP OF BOX TO BOTTOM OF MANHOLE PUMP 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 ELEVATION PER DESIGN PLANS.

10. ELV. IN > ELV. OF TOP OF INLET BATTLE WALL BY A MINIMUM OF 0.1", UNLESS OTHERWISE APPROVED BY THE ENGINEER.

11. ELV. OUT < ELV. OF TOP OF OUTLET BATTLE WALL BY A MINIMUM OF 0.25", UNLESS OTHERWISE APPROVED BY THE ENGINEER.

12. NOT TO SCALE.