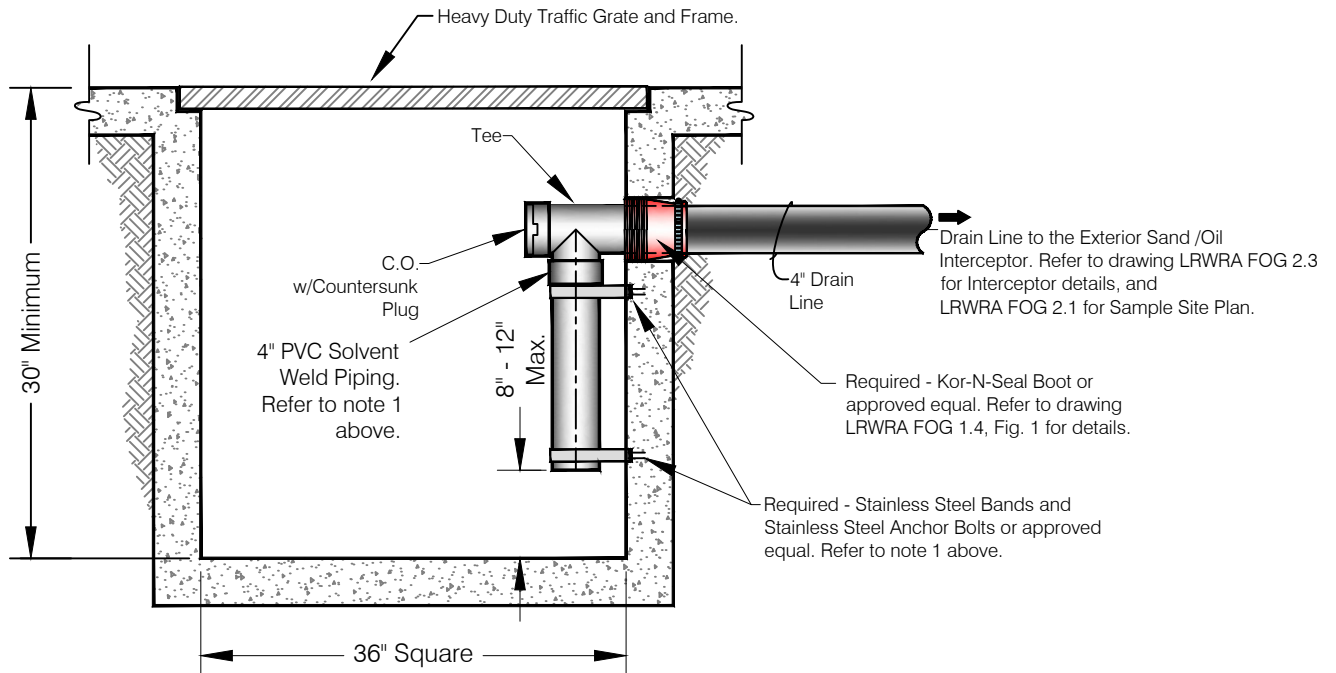


ADDITIONAL NOTES:

1. Required - All interior piping must be 4" PVC Solvent Weld, and must be secured at the top and bottom with Stainless Steel Bands and Stainless Steel Anchor Bolts or approved equal.
2. Required - Kor-N-Seal Boot System connections or approved equal are required where piping passes through the Interceptor exterior walls.



Notes:
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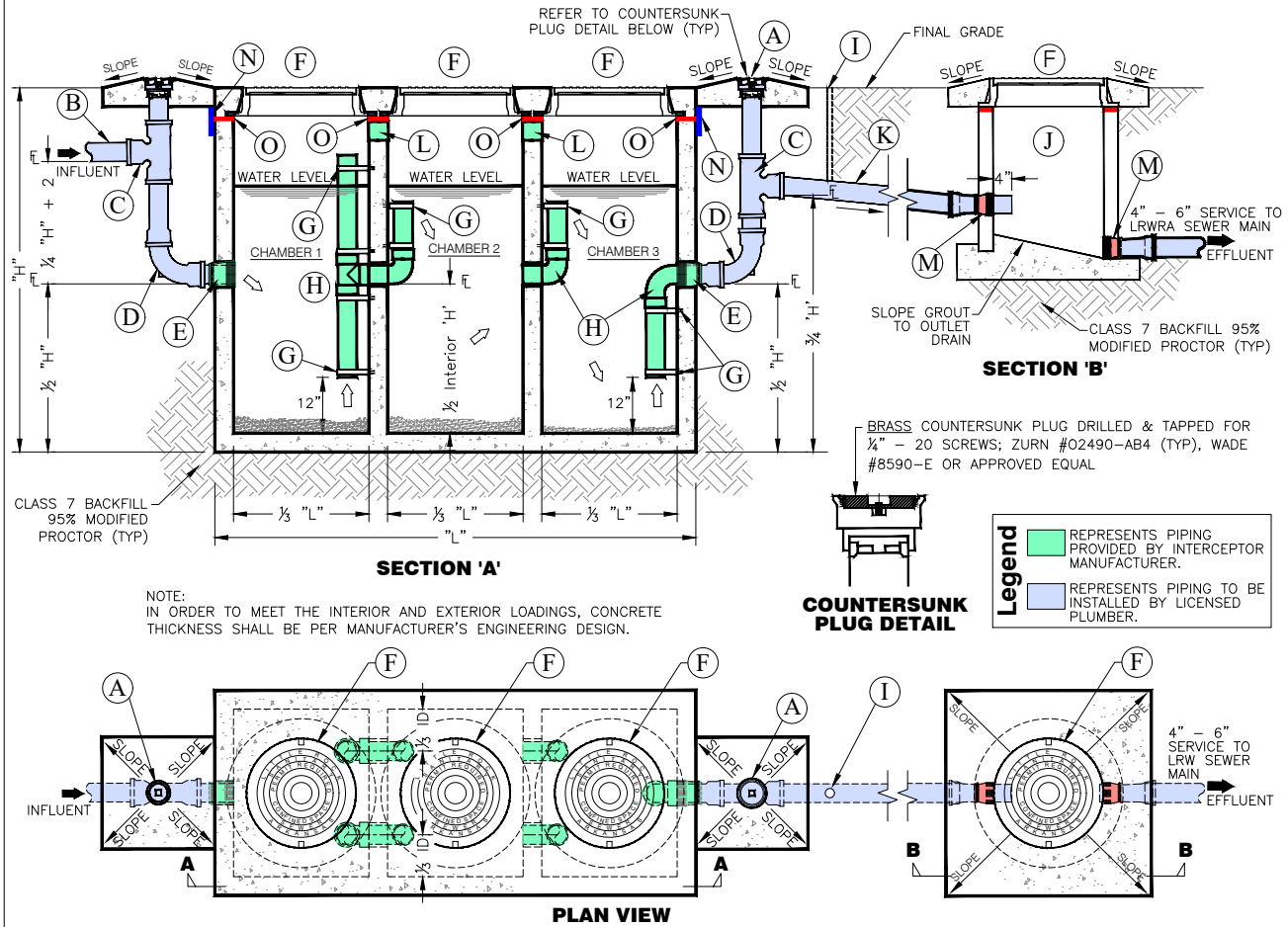


CATCH BASIN DETAILS

(TO BE USED IN CONJUNCTION WITH COVERED VEHICLE WASH / SERVICE BAYS)

**FOG DETAIL
 2.2**

ENG. TECH: A. STALLINGS
 DATE: 2-8-2019
 CAD FILE: FOG 2.2



- | | |
|--|---|
| (A) 4" X 4" CLEANOUT & PAD REQUIRED. SEE ADDITIONAL NOTE 8. | (I) VENT - SEE ADDITIONAL NOTE 6. |
| (B) 4" MIN. | (J) SAMPLING/INSPECTION MH - REFER TO LRWRA FOG 1.5 OR 1.6 FOR DETAILS. |
| (C) 4" MIN TEE. | (K) 4" MIN. CIP TO SAMPLING/INSPECTION MH - MIN. SLOPE 1/8" PER FT. |
| (D) 4" MIN. QUARTER BEND. | (L) 4" SCHEDULE 80 PVC SOLVENT WELD IN TANK VENT PIPE. |
| (E) KOR-N-SEAL BOOT - SEE ADDITIONAL NOTE 5. | (M) INSERTA TEE. REFER TO DRAWING LRWRA FOG 1.4, FIG. 5 FOR DETAIL. |
| (F) LRWRA STANDARD 24" MH FRAMES & LIDS - SEE ADDITIONAL NOTE 2. | (N) JOINT WRAP IS TO BE INSTALLED AROUND ALL EXTERIOR JOINTS - REFER TO LRWRA FOG 1.8 FOR DETAILS |
| (G) STAINLESS STEEL BANDS & BOLTS - SEE ADDITIONAL NOTE 3. | (O) ADEKA SEALANT OR APPROVED EQUAL - REQUIRED. |
| (H) 4" SCHEDULE 80 PVC SOLVENT WELD - SEE ADDITIONAL NOTE 3. | |

ADDITIONAL NOTES:

1. THE EXTERIOR SAND/OIL INTERCEPTOR IS TO BE USED IN CONJUNCTION WITH ONE OR MORE CATCH BASINS, I.E. AS IN A COVERED VEHICLE WASH OR SERVICE GARAGE WITH THREE OR MORE BAYS. REFER TO DRAWING LRWRA FOG 2.1 FOR SAMPLE SITE PLAN, AND DRAWING LRWRA FOG 2.2 FOR CATCH BASIN DETAILS.
2. ALL EXTERIOR SAND/OIL INTERCEPTORS MUST HAVE THREE CHAMBERS AND THREE LRWRA STANDARD 24" SANITARY SEWER MANHOLE RINGS AND LIDS, AS NOTED ON DRAWING. REFER TO DRAWING LRWRA FOG 1.12 FOR DETAILS.
3. ALL SAND/OIL INTERCEPTOR IN-TANK PIPING MUST BE 4" SCHEDULE 80 PVC SOLVENT WELD, AND IS TO BE SECURED AT THE TOP AND BOTTOM WITH STAINLESS STEEL BANDS AND BOLTS OR PRE-APPROVED EQUAL.
4. ALL SAND/OIL INTERCEPTORS MUST BE ACCESSIBLE FOR INSPECTION, AND CLEANING AT ALL TIMES.
5. KOR-N-SEALS OR APPROVED EQUAL BOOTS ARE REQUIRED WHERE PIPING PASSES THROUGH THE EXTERIOR INTERCEPTOR WALLS. REFER TO DRAWING LRWRA FOG 1.4, FIG.1 FOR DETAIL.
6. VENTS ARE TO BE INSTALLED PER ARKANSAS STATE PLUMBING CODE LATEST REVISION.
7. IF EXTERIOR SAND/OIL INTERCEPTORS ARE LOCATED IN A PARKING AREA, BOLLARDS MUST BE CONSTRUCTED TO PREVENT PARKING ON TOP OF THE MANHOLE LIDS. REFER TO DRAWING LRW EAD 2.3, FIG. 1-6.
8. REFER TO DRAWING LRWRA FOG 1.4, FIG. 2, 3 AND 4 FOR CLEANOUT AND PAD DETAILS.
9. THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY, EACH OWNER MUST SUBMIT A DETAILED SITE PLAN, PIPING LAYOUT PLAN AND ANY ADDITIONAL DETAILS REQUIRED BY LRWRA.
10. ONCE THE OWNER'S SUBMITTAL IS COMPLETE, LRWRA WILL ISSUE A EXTERIOR SAND/OIL INTERCEPTOR SIZING AND APPROVAL FORM.
11. THE OWNER MUST PURCHASE A SAND/OIL INTERCEPTOR FROM A MANUFACTURER THAT HAS BEEN PRE-APPROVED BY LITTLE ROCK WATER RECLAMATION AUTHORITY.

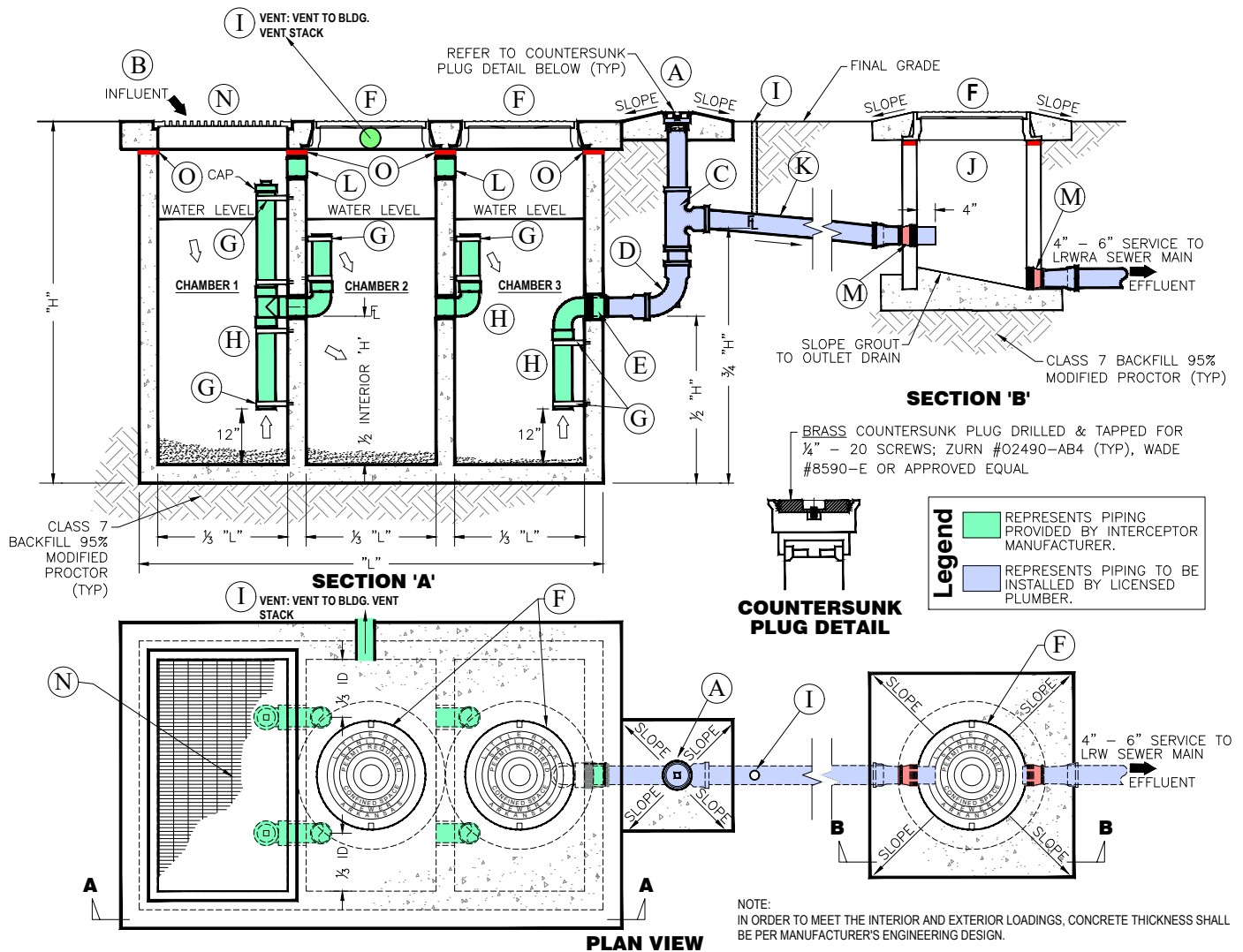
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STANDARD ONE TANK / THREE COMPARTMENT SAND / OIL INTERCEPTOR DETAILS

FOG DETAIL 2.3

ENG. TECH: A. STALLINGS
DATE: 2-11-2019
CAD FILE: FOG 2.3



- (A) 4" X 4" CLEANOUT & PAD REQUIRED. SEE ADDITIONAL NOTE 9.
- (B) INFLUENT
- (C) 4" MIN. TEE.
- (D) 4" MIN. QUARTER BEND.
- (E) KOR-N-SEAL BOOT - SEE ADDITIONAL NOTE 7.
- (F) LRW STANDARD 24" MH FRAMES & LIDS - SEE ADDITIONAL NOTE 3.
- (G) STAINLESS STEEL BANDS & BOLTS - SEE ADDITIONAL NOTE 5.
- (H) 4" SCHEDULE 80 PVC SOLVENT WELD - SEE ADDITIONAL NOTE 5.

- (I) VENT - SEE ADDITIONAL NOTE 8.
- (J) SAMPLING/INSPECTION MH - REFER TO LRW EAD 2.7 OR 2.8 FOR DETAILS.
- (K) 4" MIN. TO SAMPLING/INSPECTION MH - MIN. SLOPE 1/8" PER FT.
- (L) 4" SCHEDULE 80 PVC SOLVENT WELD IN TANK VENT PIPE.
- (M) INSERTA TEE. REFER TO DRAWING LRWRA FOG 1.4, FIG. 5 FOR DETAIL.
- (N) HEAVY DUTY TRAFFIC GRATE AND FRAME.
- (O) ADEKA SEALANT OR APPROVED EQUAL - REQUIRED.

ADDITIONAL NOTES:

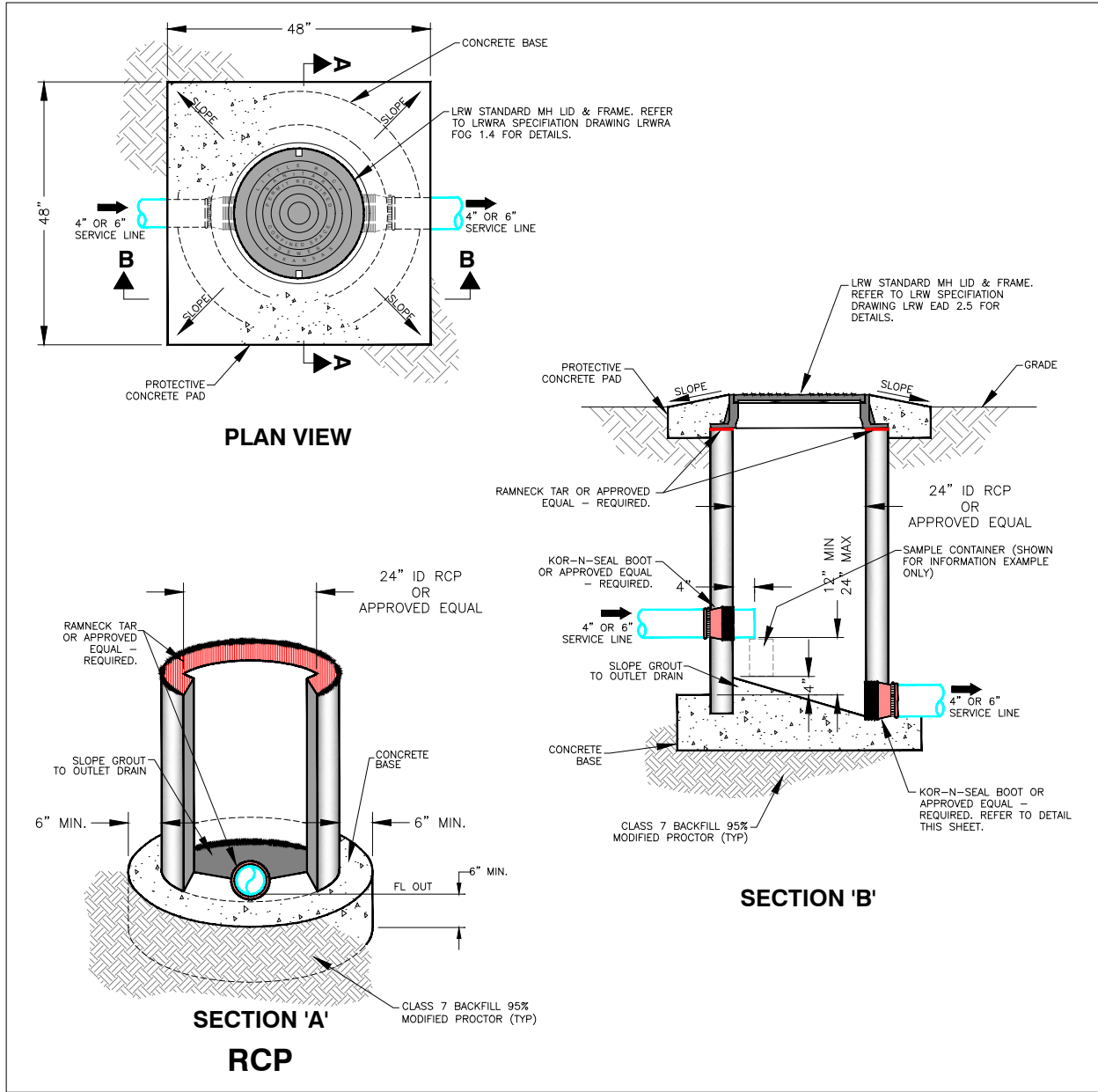
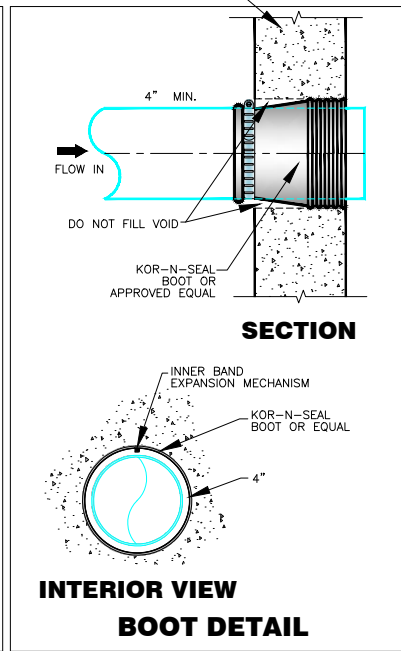
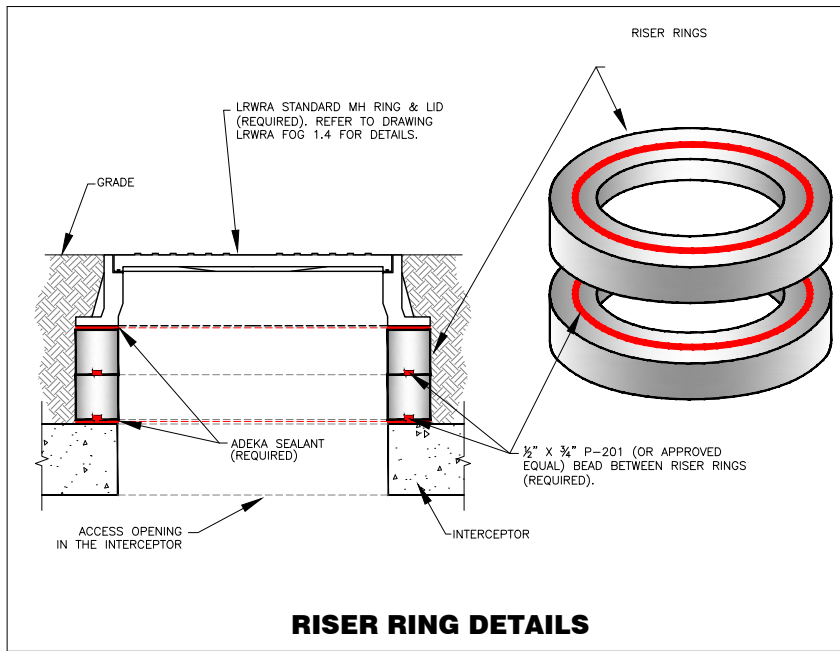
1. THE INTERIOR SAND/OIL INTERCEPTOR IS TO BE USED AS AN INTER-BAY SINGLE SAND REMOVAL DEVICE, I.E. A ROOF COVERED WASH BAY.
2. FOR LARGER CAPACITY INTERCEPTORS - SIZING, ETC. BE APPROVED BY LRWRA'S ENGINEERING SERVICES DIVISION.
3. ALL INTERIOR SAND/OIL INTERCEPTORS MUST HAVE THREE CHAMBERS. THE FIRST CHAMBER HAVING A GRATE; CHAMBERS TWO AND THREE HAVING LRW STANDARD 24" SANITARY SEWER MANHOLE RINGS AND LIDS, AS NOTED ON DRAWING. REFER TO DRAWING LRWRA 1.2 FOR MANHOLE RING & LID DETAILS.
4. THE GRATE AND MANHOLE LIDS TO BE INSTALLED TO GRADE AND CENTERED ON EACH CHAMBER.
5. ALL SAND/OIL INTERCEPTOR IN-TANK PIPING MUST BE 4" SCHEDULE 80 PVC SOLVENT WELD, AND IS TO BE SECURED AT THE TOP AND BOTTOM WITH STAINLESS STEEL BANDS AND BOLTS OR PRE-APPROVED EQUAL.
6. ALL SAND/OIL INTERCEPTORS MUST BE ACCESSIBLE FOR INSPECTION, AND CLEANING AT ALL TIMES.
7. KOR-N-SEAL BOOT SYSTEM CONNECTIONS OR APPROVED EQUAL ARE REQUIRED WHERE PIPING PASSES THROUGH THE EXTERIOR INTERCEPTOR WALLS. REFER TO DRAWING LRWRA FOG 1.4, FIG. 1 FOR DETAIL.
8. VENTS ARE TO BE INSTALLED PER ARKANSAS STATE PLUMBING CODE LATEST REVISION.
9. REFER TO DRAWING LRWRA FOG 1.4, FIGURES 2, 3 AND 4 FOR CLEANOUT AND PAD DETAILS.
10. THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY, EACH OWNER MUST SUBMIT A DETAILED SITE PLAN, PIPING LAYOUT PLAN AND ANY ADDITIONAL DETAILS REQUIRED BY LRWRA.
11. ONCE THE OWNER'S SUBMITTAL IS COMPLETE, LRWRA WILL ISSUE A INTERIOR SAND/OIL INTERCEPTOR SIZING AND APPROVAL FORM.
12. THE OWNER MUST PURCHASE A SAND/OIL INTERCEPTOR FROM A MANUFACTURER THAT HAS BEEN PRE-APPROVED BY LITTLE ROCK WATER RECLAMATION AUTHORITY.

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STANDARD INTERIOR ONE TANK - THREE COMPARTMENT SAND / OIL INTERCEPTOR DETAILS

| |
|--|
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| <p>ENG. TECH: A. STALLINGS DATE: 2-12-2019 CAD FILE: FOG 2.4</p> |

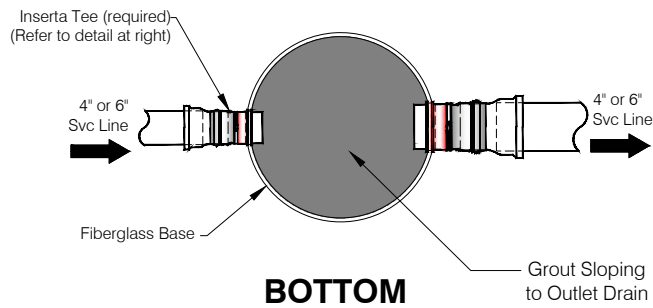


Notes:
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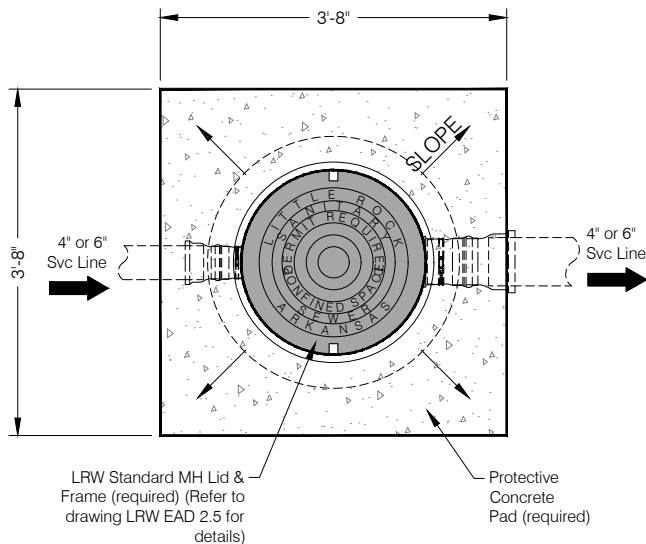


CONCRETE SAMPLING / INSPECTION MANHOLE DETAILS

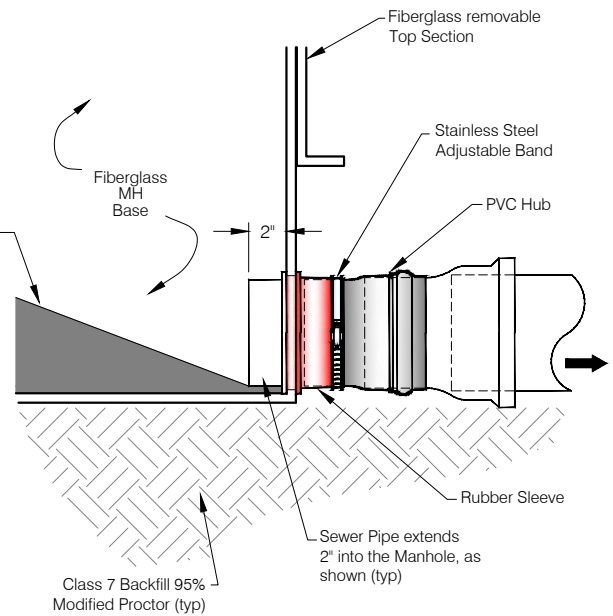
| |
|--------------------------|
| FOG DETAIL 1.5 |
| ENG. TECH: A. STALLINGS |
| DATE: 2-8-2019 |
| CAD FILE: FOG 1.5 |



BOTTOM



PLAN VIEW

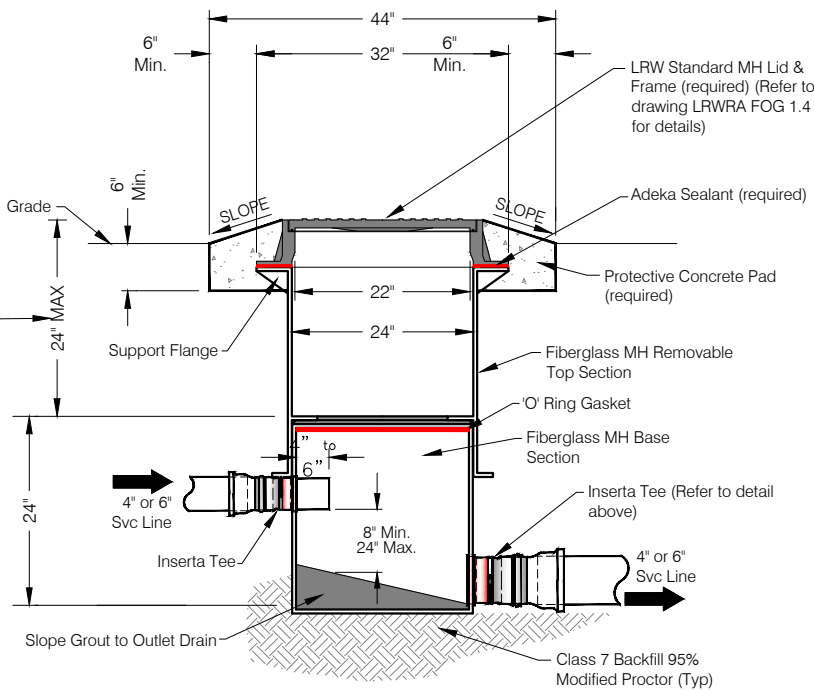


INSERTA TEE DETAIL

Inserta Tee 3-piece Compression Fit Service Connection (or approved equal) consisting of the following: PVC Hub, Rubber Sleeve, and Stainless Steel Band.

- 2-ft Manholes shall be manufactured from commercial grade polyester resin or other suitable polyester or vinyl, ester resins, with fiberglass reinforcements.
- Shall consist of two sections, a removable top section and a base section.
- Manufactured to meet or exceed all specifications of A.S.T.M. D-3753 latest edition.
- Base section shall include a gasket system to provide a seal between the top and base sections.

IF MORE THAN 24" USE 4" CONCRETE MANHOLE



SECTION

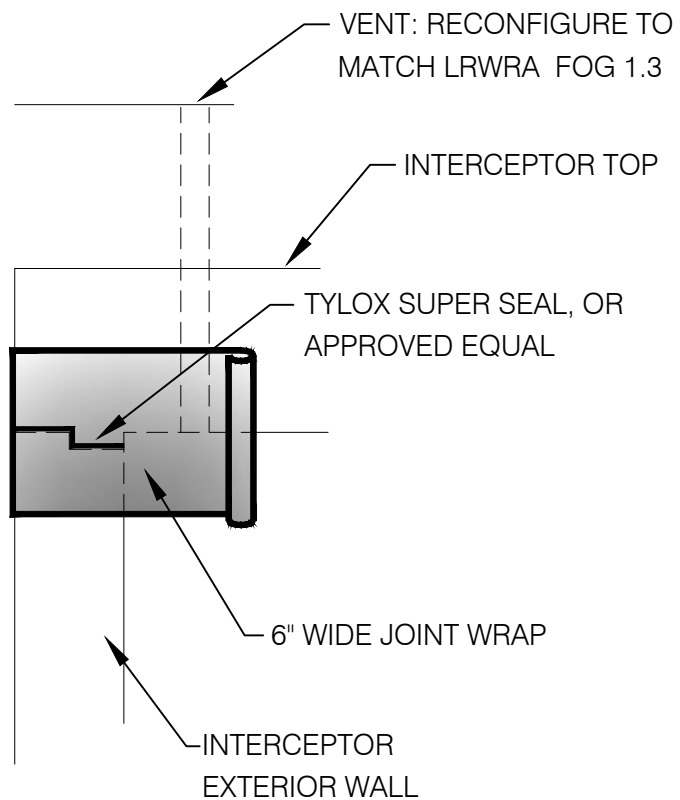
Notes:
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**FIBERGLAS SAMPLING / INSPECTION
 MANHOLE DETAILS**

**FOG DETAIL
 1.6**

ENG. TECH: A.STALLINGS
 DATE: 2-8-2019
 CAD FILE: xFOG 1.6



NOTES:

JOINT WRAP TO BE USED:

- ON OUTSIDE ALL COLD JOINTS.
- ON THE OUTSIDE ALL INTERCEPTOR JOINTS.

Notes:

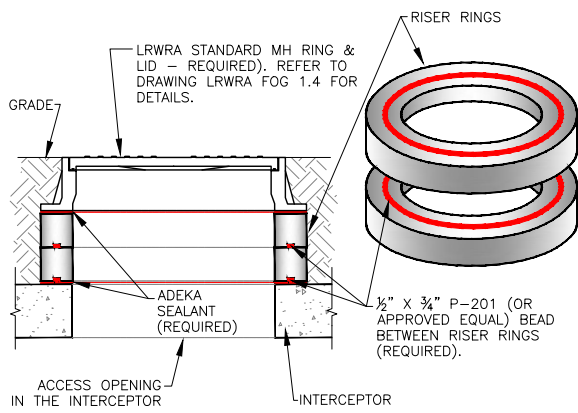
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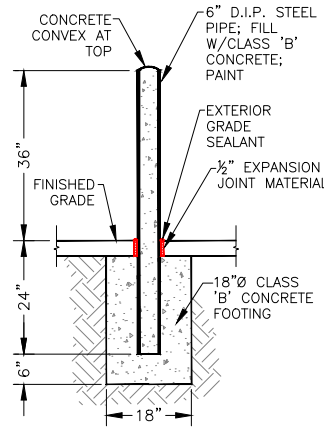
JOINT WRAP
DETAILS

FOG DETAIL
1.8

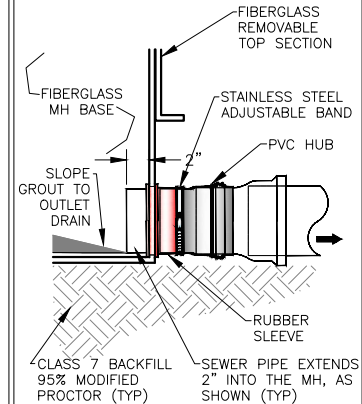
ENG. TECH: A. STALLINGS
DATE: 2-11-2019
CAD FILE: FOG 1.8



RISER RING DETAILS
FIGURE 7

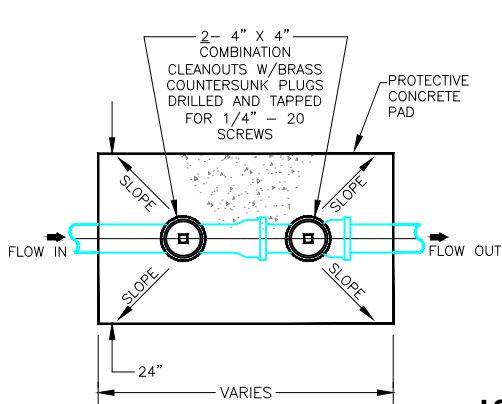


TYPICAL BOLLARD
FIGURE 6

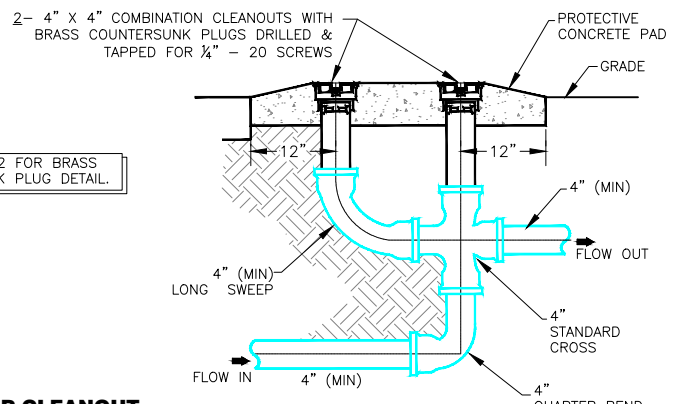


INSERTA TEE 3-PIECE COMPRESSION FIT SERVICE CONNECTION (OR APPROVED EQUAL) CONSISTING OF THE FOLLOWING: PVC HUB, RUBBER SLEEVE, AND STAINLESS STEEL BAND.

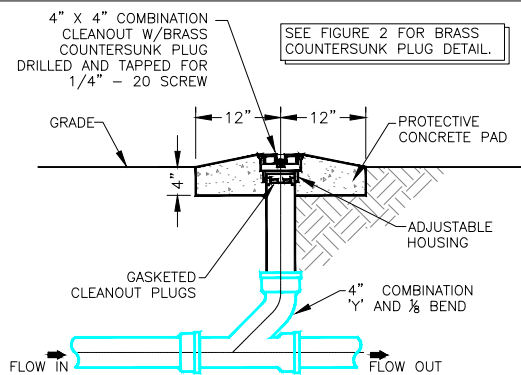
INSERTA TEE DETAIL
FIGURE 5



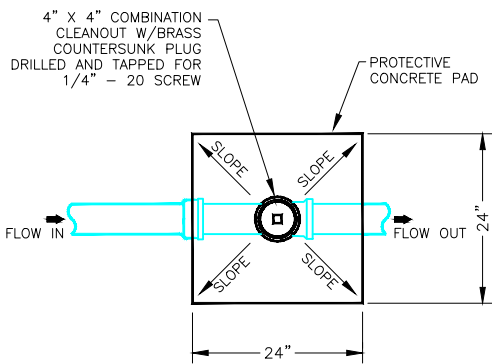
LONG SWEEP CLEANOUT
FIGURE 4



SECTION

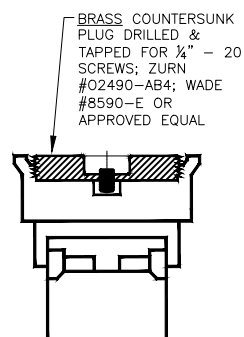


SECTION

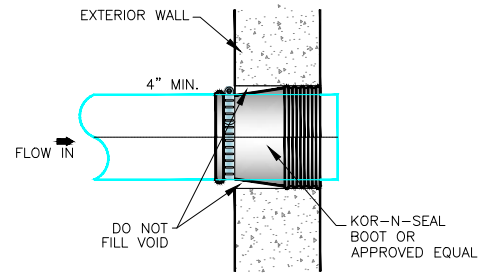


PLAN VIEW

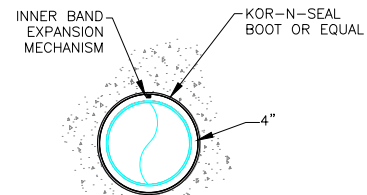
ONE-WAY CLEANOUT
FIGURE 3



COUNTERSUNK PLUG
FIGURE 2



SECTION



INTERIOR VIEW

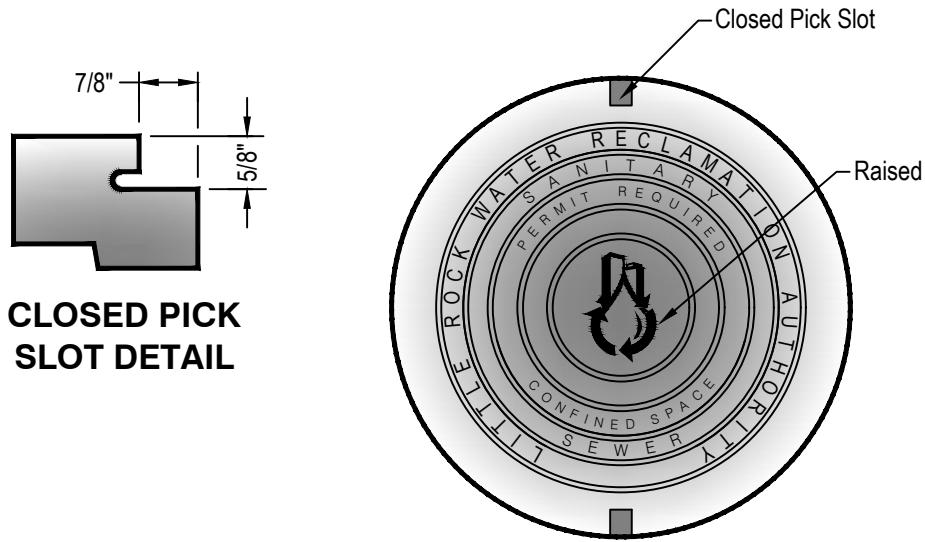
BOOT DETAIL
FIGURE 1

Notes:
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TRAP CONTROL & MISCELLANEOUS DETAILS

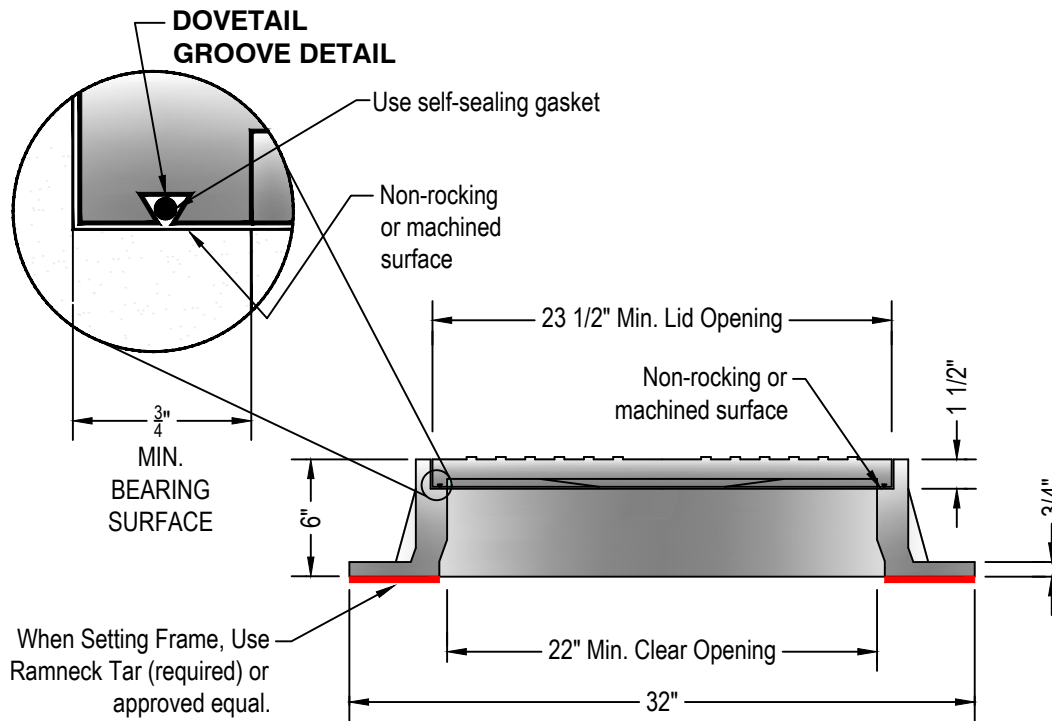
| | |
|-------------------------|--|
| FOG DETAIL | |
| 1.4 | |
| ENG. TECH: A. Stallings | |
| DATE: 2-8-2019 | |
| CAD FILE: FOG 1.4 | |



CLOSED PICK SLOT DETAIL

STANDARD LID DETAIL

1. Minimum weight of ring: 125 pounds
2. Minimum weight of lid: 115 pounds
3. Lids are furnished with two closed pick slots.
4. Castings shall be "Made In USA"



DOVETAIL GROOVE DETAIL

STANDARD RING DETAIL