

SPECIFICATIONS

. 4" Plain End inlet/outlet

Max flow rate: 100 GPM

5. Maximum operating temperature 140°F continuous.6. Highway rated covers: 16,000 lb. capacity.

Unit supplied with built-in adapter for up to 6" of

adjustability. Additional riser(s) available for deeper burial depth.

7. Engineered inlet and outlet diffusers are removable to

The inlet diffuser splits influent into three paths, creating laminar

flow and utilizing the entire liquid volume of the tank for efficient

outlet diffuser allows only effluent that is free of oil to exit the tank.

requirements of IBC 2012 and ASCE/SEI 7 for direct burial. The

maximum burial depth and backfill material are specified in our

sealed structural analysis report is available upon request.

C24-HP (2) - H20 Rated Pickable Cast Iron Cover

CC24 (2) - Integral Membrane Clamping Collar Kit

CS3 - Clean Sweep Coalescing Media (single)

CS6 - Clean Sweep Coalescing Media (double)

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oil separation. The calibrated openings greatly reduce influent

turbulence. The influent enters the main chamber without

disturbing the existing oil or sand layers. The bottom of the

Striem Oil Reserve™ oil/sand separator model OS-100 shall

be lifetime guaranteed and made in USA of seamless,

Snap-in Flow control (ships with unit).

Do not use for pressure applications. Seamless medium density polyethylene tank

5. Cover placement allows full access to tank

8. For on the-floor or buried applications.

DIFFUSION FLOW TECHNOLOGY

ENGINEER SPECIFICATION GUIDE

maximum 16,000 lbs load capacity.

THIRD PARTY STRUCTURAL ANALYSIS

4M - 4" Male Thread Inlet / Outlet

AK1 - High Water Anchor Kit

SR24 (2) + LR24 (2) - >43"-58"

TeleGlide RISER OPTIONS

SR24 (2) - >6"-24" **LR24** (2) - >24"-39"

SR24 (4) - >39"-43"

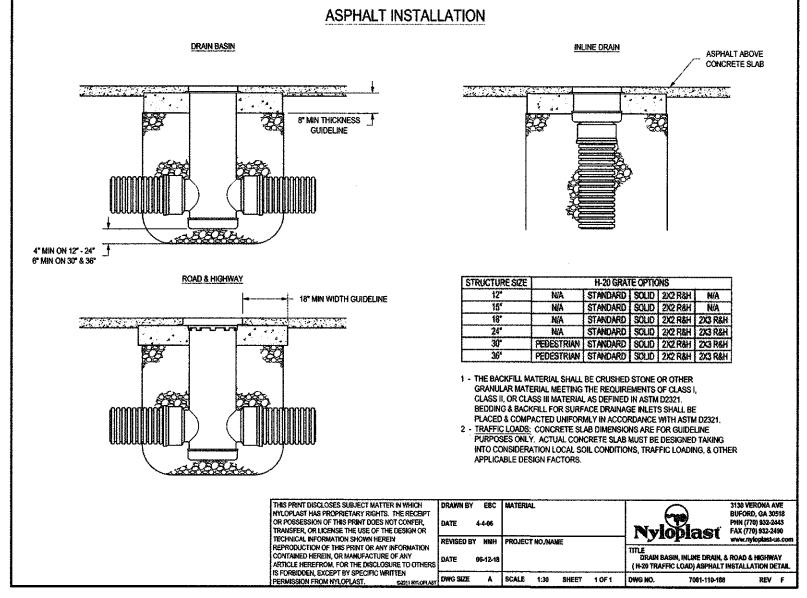
LR24 (4) - >58"-72"

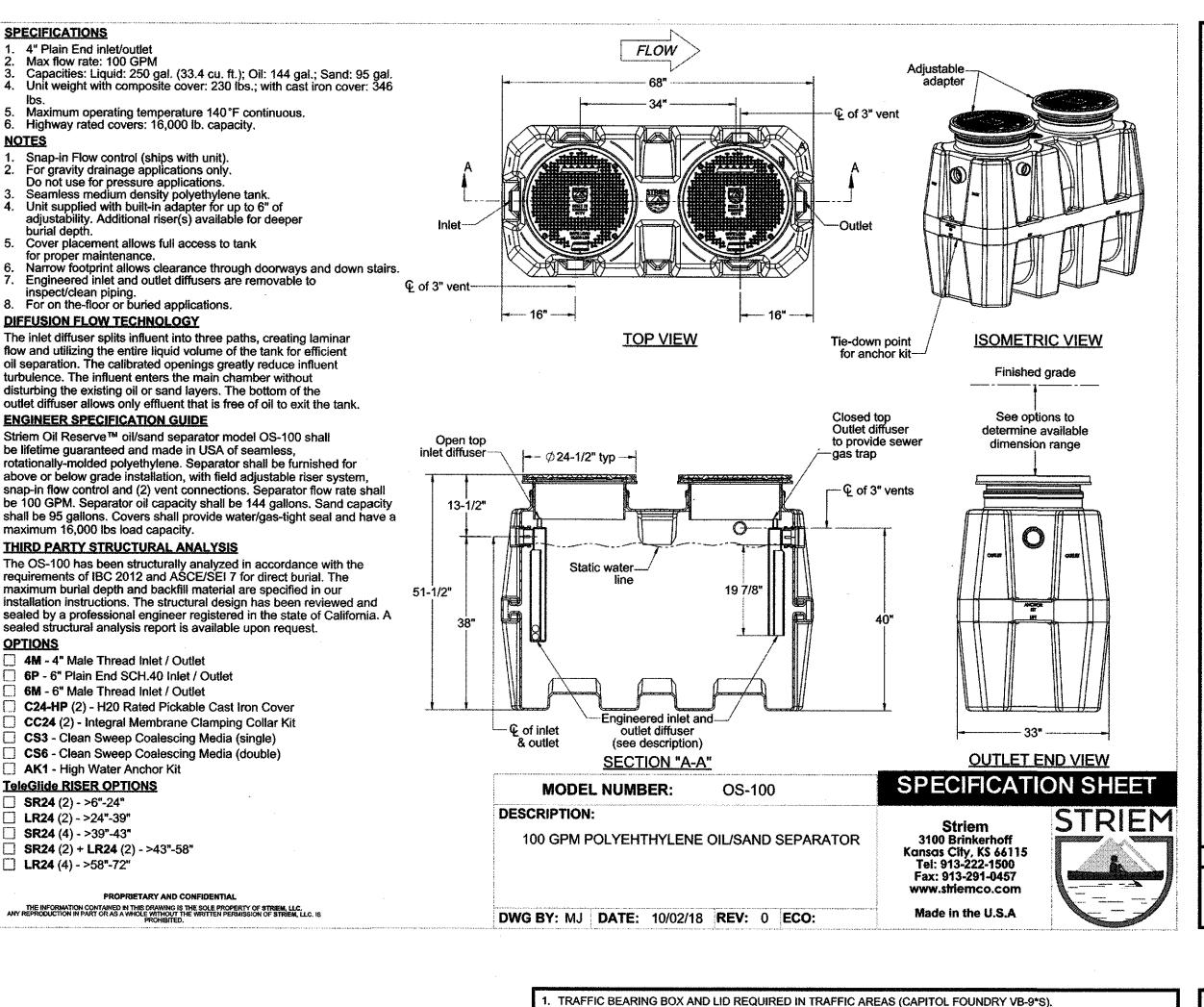
6P - 6" Plain End SCH.40 Inlet / Outlet 6M - 6" Male Thread Inlet / Outlet

2. For gravity drainage applications only

for proper maintenance.

inspect/clean piping.





. SEWER LATERAL AND CLEANOUT PIPING SHALL BE ASTM D3034 SDR 26. SEWER LATERAL FITTINGS SHALL BE OF

SAME SDR RATING AS THE SEWER MAIN. SCHEDULE 40 SOLVENT WELD PIPE AND FITTINGS MAY BE USED FOR

I. NO BENDS ARE ALLOWED IN THE LATERAL FROM THE MAIN TO THE CLEANOUT STACK WYE. (EXCEPT FOR DEEP

0.PROPERTY OWNER RESPONSIBLE FOR INSTALLING CLEANOUT ON PROPERTY LINE (IN ACCORDANCE WITH THIS

1.LOWEST SERVED FINISHED FLOOR ELEVATION SHALL BE A MINIMUM OF THREE FEET (3') ABOVE THE TOP OF THE

GRAVEL BEDDING

11.25° OR 22.5°

(SEE NOTE #2) -

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

SANITARY SEWER LATERAL

#57 OR EQUIVALENT

4" MINIMUM

PRIVATE PROPERTY RIGHT OF WAY OR LIMITS OF EASEMENT

CLEAN OUT BOX AND LID (SET TO FINISHED GRADE)

TO LATERAL

CLEAN-OUT TO EXTEND ABOVE GROUND A MIN. OF 3 FEET DURING INSTALLATION

OF MAIN LINE. PLUMBER SHALL CUT

45° WYE (TEE NOT ACCEPTABLE)

TEE, WYE, TEE/WYE OR

COMBINATION OF WYE & 45°

BEND FITTINGS SHALL BE

SIZED AS REQUIRED

STACK TO FINISHED GRADE AS SHOWN

WHEN BUILDING SEWER IS CONNECTED

MAIN

S-6

01/01/14

6. PIPING ON PRIVATE SIDE OF CLEANOUT TO BE INSTALLED PER GOVERNING JURISDICTION REQUIREMENTS.

THE SEWER LATERAL AND CLEANOUT ASSEMBLY WITH APPROVAL FROM THE PARTICIPATING UTILITY.

ALL MAIN LINE TAPS ON ACTIVE MAINS SHALL BE PERFORMED BY PARTICIPATING UTILITY.

8. SEWER CLEANOUTS SHALL BE SAME SIZE AS SEWER LATERAL.

9. MINIMUM COVER FOR ALL SEWER LATERALS SHALL BE THREE (3') FEET.

MAIN AT THE POINT WHERE THE SERVICE LATERAL CONNECTS TO THE MAIN.

2. WHEN CONNECTING TO EXISTING LATERAL USE FERNCO FLEXIBLE COUPLING.

FINISHED GRADE

PLASTIC BODY

CLEAN-OUT & CAP

CLEAN-OUT STACK

45° OR 22.5° BELL

& SPIGOT BEND ~

/ (SEE NOTE #6) -

(IF NEEDED)

(SEE NOTES #2 & #8)

MINIMUM LATERAL SIZE: 4" FOR RESIDENTIAL SERVICE, 6" FOR NON-RESIDENTIAL SERVICE.

B. ALL PIPE SHALL BE OF SAME SIZE.

DETAIL) WHEN MAINTENANCE OCCURS.

SOLID GLUE CAP

GRADE

SANITARY SEWER LATERAL

FOR DEEP SEWER

SEWER, AS SHOWN BELOW).

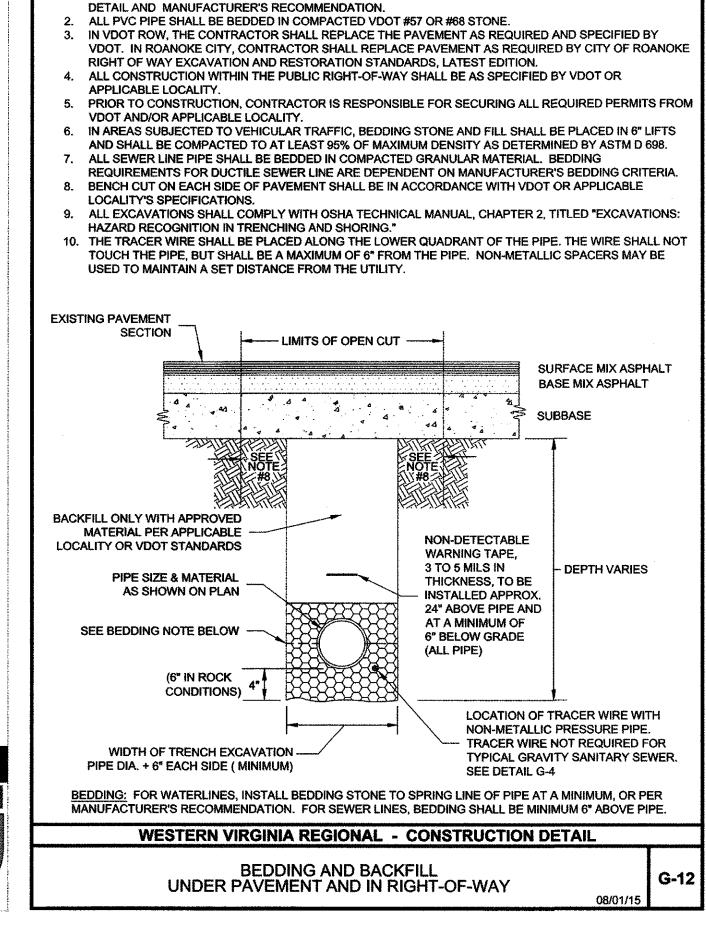
MINIMUM GRADE

HORIZONTAL SECTION SHALL

EXTEND A MINIMUM OF 5' OR

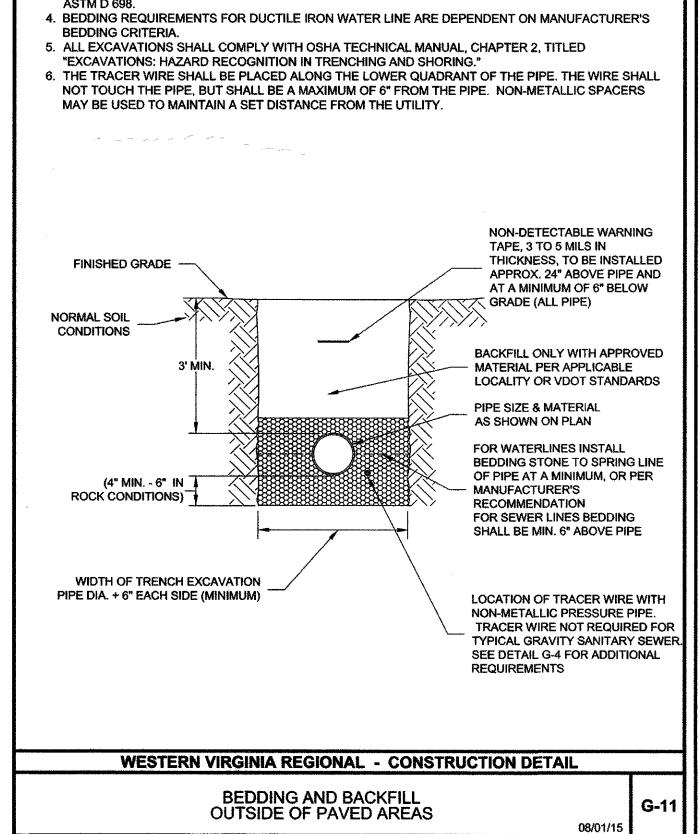
AS DIRECTED BY THE

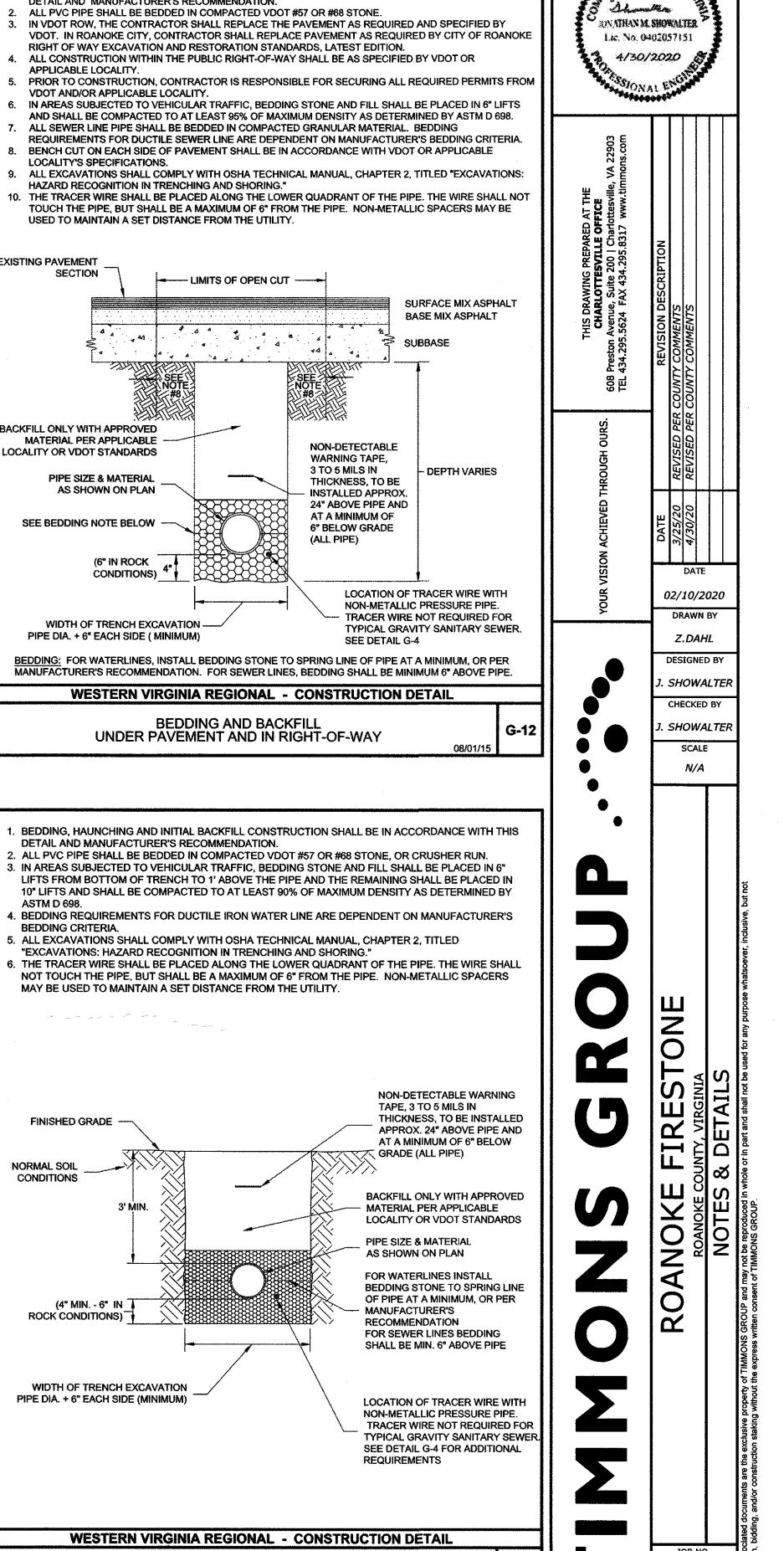
PARTICIPATING UTILITY



DETAIL AND MANUFACTURER'S RECOMMENDATION.

BEDDING, HAUNCHING AND INITIAL BACKFILL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THIS





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