

LID SHALL BE SECURELY FASTENED

MAXIMUM 5' DEPTH ) -

WATERSTOP -

SAW-CUT "DOGHOUSE"

PROOF SEALANT

REVISION DATE

TO FIT OVER PIPE W/WATER

1. NOT ACCEPTABLE FOR USE IN TRAFFIC AREAS OR AREAS SUBJECT TO FLOODING.

VACUUM OR EXFILTRATION TESTING SHALL
BE USED. VACUUM TESTING SHALL MEET THE
SAME STANDARD FOR CONCRETE MANHOLES.
EXFILTRATION TESTING SHALL HAVE NO
LEAKAGE WITHIN 1 HOUR.

"AquaBlok" WASTEWATER ACCESS CHAMBERS

MAY BE SUBSTITUTED. TRAFFIC BEARING BOXES
WILL BE REQUIRED IF INSTALLED IN TRAFFIC
AREAS. TESTING OF "AquaBlok" SHALL BE BY
APPLICABLE PLUMBING CODE FOR SEWER LATERALS.

20"----

24" PVC ULTRA-RÍB

SPIRAL-LITE

(SDR NOT ACCEPTABLE)

─BUTYL MASTIC JOINT SEALER

SANITARY SEWER LATERAL

REMOVE TOP OF PIPE AFTER INVERT SHAPING IS COMPLETE

3000 PSI CONCRETE

4. 2' DIA. CONCRETE WELL CASING 3000 PSI MAY BE SUBSTITUTED FOR ULTRA-RIB PIPE. ANY VERT. JOINTS IN THE CASING PIPE MUST BE BY BELL & SPIGOT CONNECTION WITH MACTIC

S-07

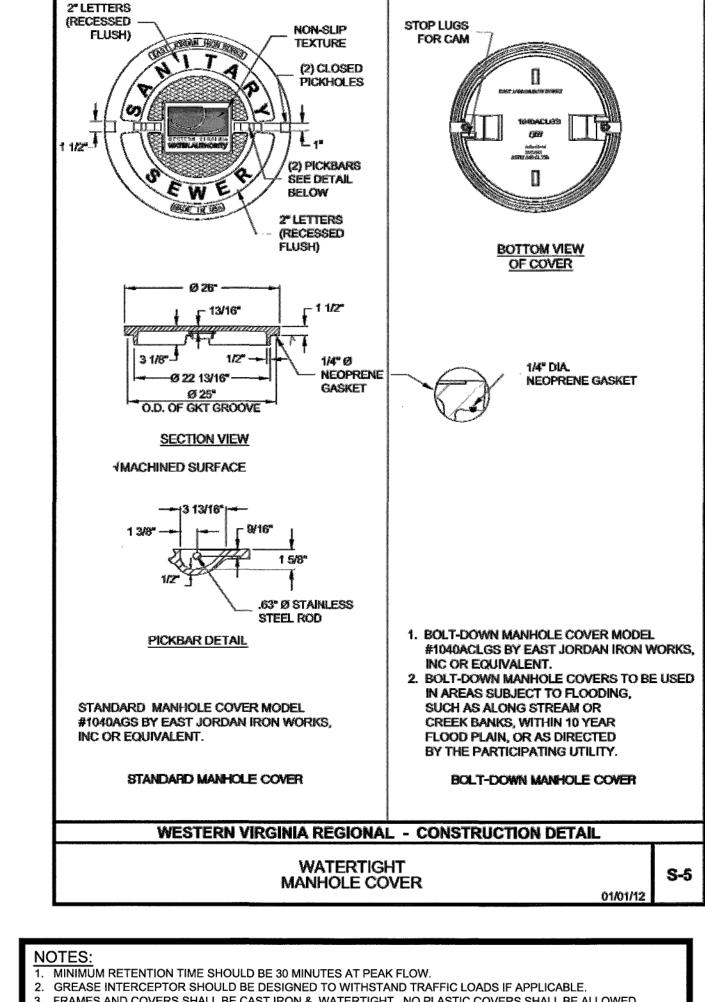
CONNECTION WITH MASTIC.

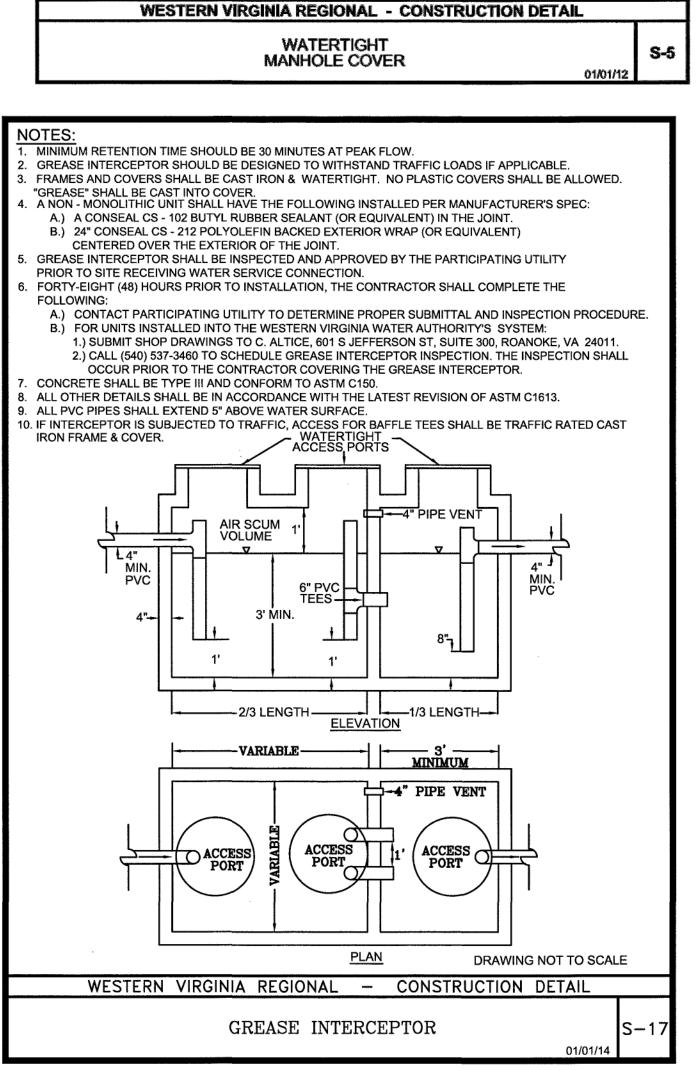
(18" MIN. OPENING)

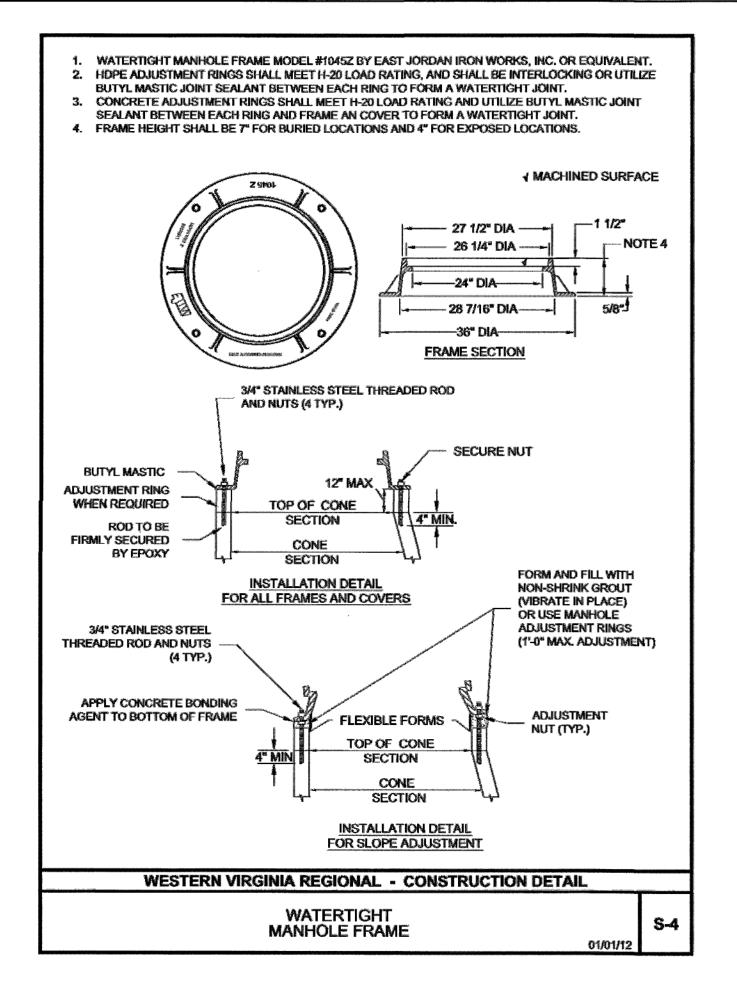
- PIPE W/WATER PROOF SEALANT (MUST BE BONDABLE W/CONCRETE)

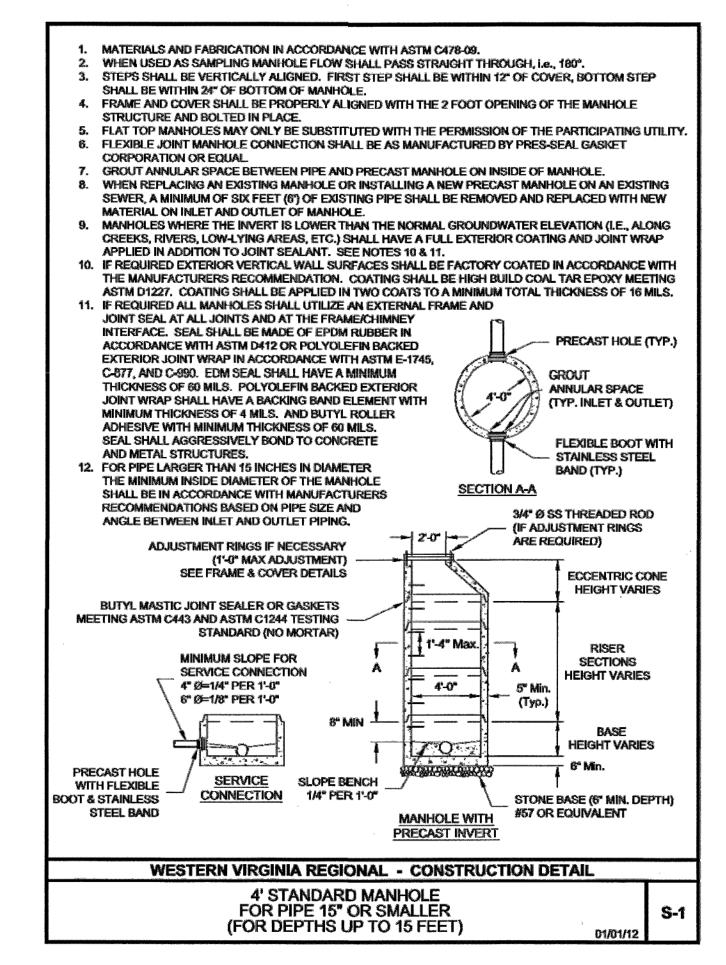
2" 3000 PSI CONCRETE

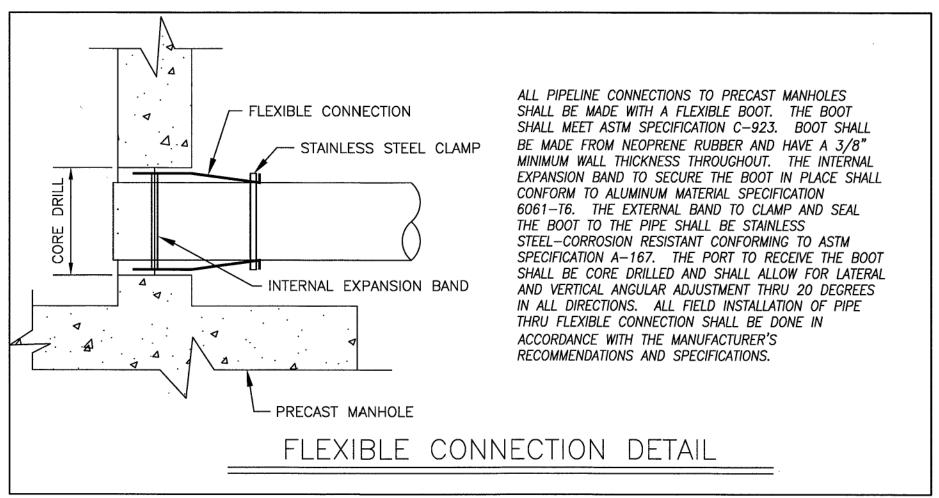
NOTE: LIDS WITH HOLES SHALL BE UNACCEPTABLE.













WVWA

1. BEDDING, HAUNCHING AND INITIAL BACKFILL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.

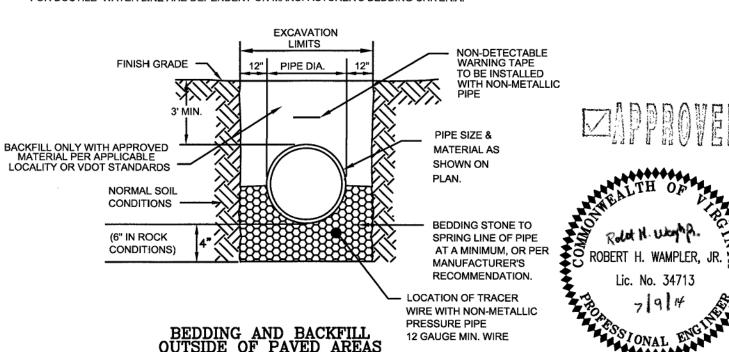
 WHEN INSTALLING NON-METALLIC PIPE, NON-DETECTABLE WARNING TAPE SHALL BE BURIED AT A MINIMUM 6" BELOW GRADE AND APPROXIMATELY 12" TO 18" ABOVE NON-METALLIC PIPE. IT SHALL BE 3 TO 5 MILS IN THICKNESS AND INSTALLED CONTINUOUS FROM VALVE BOX TO VALVE BOX OR MANHOLE

3. ALL PVC PIPE SHALL BE BEDDED IN COMPACTED GRANULAR MATERIAL WHICH SHALL BE CRUSHED STONE

MEETING VDOT STANDARDS FOR GRADUATION 57 OR 68 STONE.
4. IN AREAS NOT SUBJECTED TO VEHICULAR TRAFFIC, BEDDING STONE AND FILL SHALL BE PLACED IN 10"

LIFTS AND SHALL BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY AS DETERMINED BY

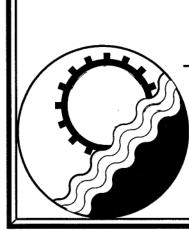
ASTM D 698.
5. ALL SEWER LINE PIPE SHALL BE BEDDED IN COMPACTED GRANULAR MATERIAL. BEDDING REQUIREMENTS FOR DUCTILE WATER LINE ARE DEPENDENT ON MANUFACTURER'S BEDDING CRITERIA.



NO SCALE

DATE: 7/9/14

PROJECT: **13106** 



## ENGINEERING CONCEPTS, INC.

SAMPLING STRUCTURE DETAIL

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

20 S. ROANOKE ST., PO BOX 619 FINCASTLE, VIRGINIA 24090 540.473.1253 FAX: 540.473.1254

	OCIDIDE OF THE HILLIE
Drawn WVWA	FRIENDSHIP HEALTH AND
Designed WVWA	REHAB CENTER SOUTH
Checked WVWA	SANITARY SEWER DETAILS
Approved www	ROANOKE COUNTY, VIRGINIA