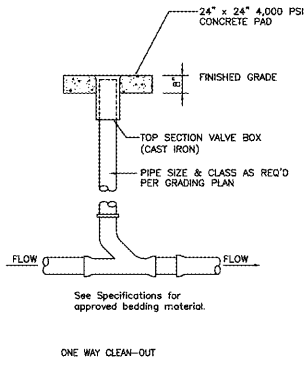


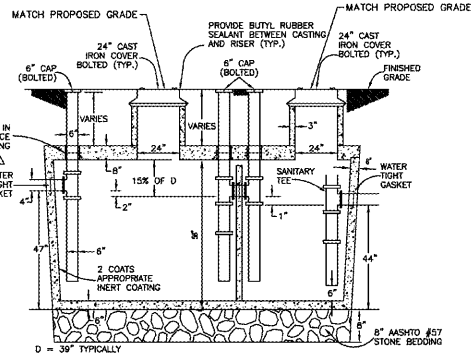
TWO WAY CLEAN-OUT
(Use within 5' of building only)

CLEAN OUT DETAIL



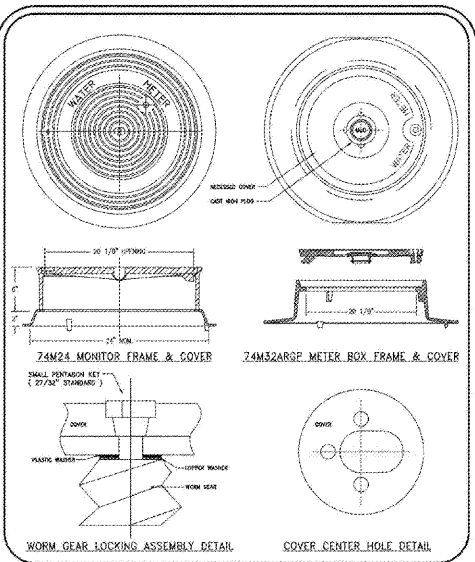
ONE WAY CLEAN-OUT

CLEAN OUT DETAIL

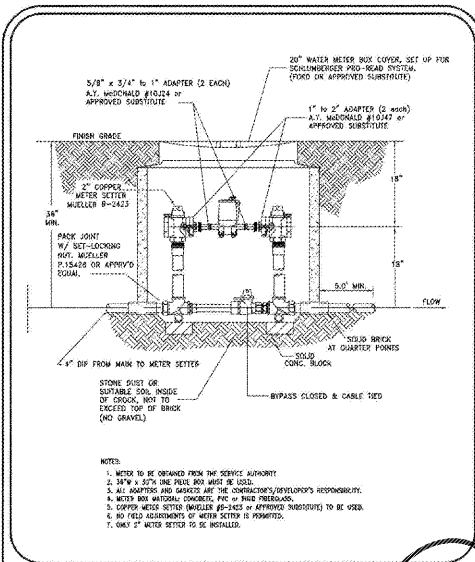


GREASE TRAP
1500 GALLON (2 COMPARTMENT) TANK

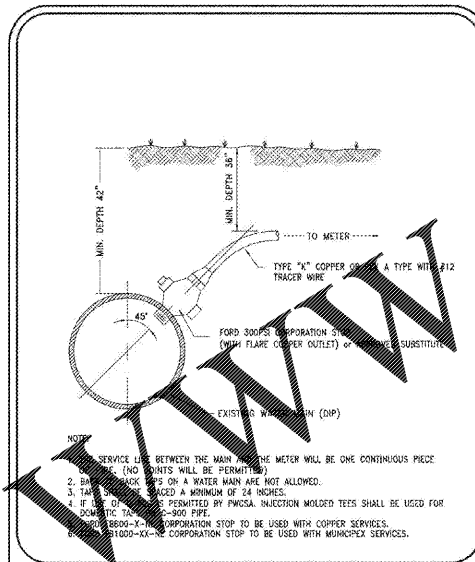
1. ALL INLET AND OUTLET PIPES SHALL BE INSTALLED NO MORE THAN 4" FROM THE BOTTOM OF THE GRADE TRAP. MAKE SURE TOP TO BOTTOM AND IS TRANSFERRED IN CROSS SECTION.
2. INLET IS 4000 PSI CONCRETE-STEEL REINFORCED (8 @ 28 DAYS) CONCRETE CONFORMS TO ACI 308.1R-83.3 AND 318.1R-83.3, WITH ASLS AND ASB.
3. DIMENSIONS: 15" INTERIOR 16.5" EXTERIOR LENGTH x 7" INTERIOR 8" EXTERIOR WIDTH
4. WHEN LOCATED IN UNDERGROUND OR UNDER GRADE, TRAP TO BE DESIGNED FOR APPROPRIATE LOAD BEARING.
5. EXTERIOR CONCRETE SURFACES BELOW GRADE SHALL HAVE 2 COATS OF COAL TAR PRUFE.
6. TRAP SHALL BE PROVIDED WITH GAS-TIGHT MANHOLE COVERS, IN ACCORDANCE WITH TOWNSHIP STANDARDS.
7. PRECAST CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH 5000 PSI.
8. EXTERIOR CONCRETE SURFACES BELOW GRADE SHALL HAVE 2 COATS OF COAL TAR PRUFE.
9. SPACING SOLVENT DETAIL AT CONCRETE RISER TO CONCRETE WALKWAY REFERENCE SHALL BE 1/2" ON APPROVED EQUIVALENT AND THE EXTERIOR OF THE JOINT SHALL BE SEALED WITH BUTYL RUBBER SOLVENT RESIST SEAL #1 OR APPROVED EQUIVALENT WITH THE TOWNSHIP STANDARD GRADE TRAP DETAIL.
10. TRAP SHALL BE TESTED FOR WATER TIGHTNESS BY FILING FOR 24 HRS. TO SOAK, THEN TAPPED OFF, AND THEN REPAIRED FOR 24 HRS. NO DROPS IN WATER IS ALLOWED.
11. CAST IRON SHALL BE BOLTED TO CONCRETE WITH MASTIC TAPE (SEAL SEAL OR APPROVED EQUIVALENT) SOLVENT.
12. MAXIMUM EARTH COVER-5.0', HS-20 LOADING.
13. INLET AND OUTLET EQUIPPED WITH PIPE SEALS.



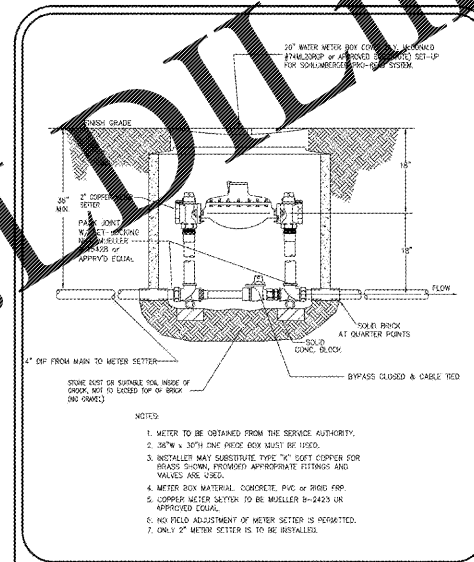
74M24 MONITOR FRAME & COVER
74M32ARGP METER BOX FRAME & COVER
WORM GEAR LOCKING ASSEMBLY DETAIL
COVER CENTER HOLE DETAIL



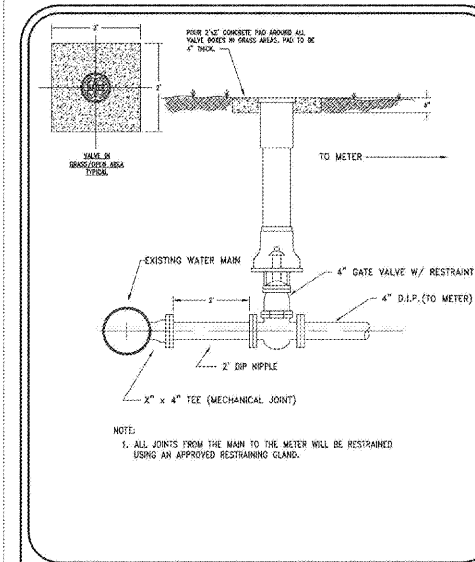
5/8" x 3/4" METER IN 2" COPPER SETTER
FOR COMMERCIAL USE (ONLY)
N.T.S.



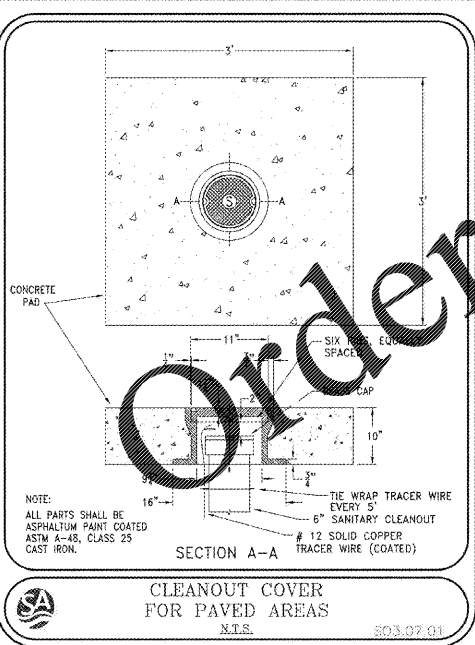
3/4" WATER SERVICE CONNECTION DETAIL
N.T.S.



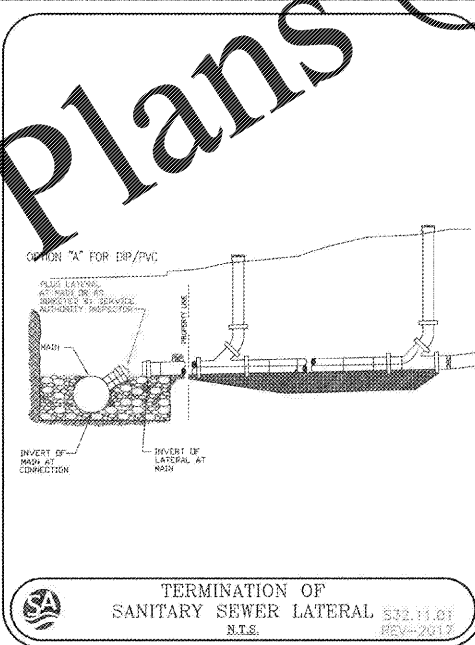
WATER DISTRIBUTION SYSTEM
1 1/2" METER IN 2" COPPER SETTER
N.T.S.



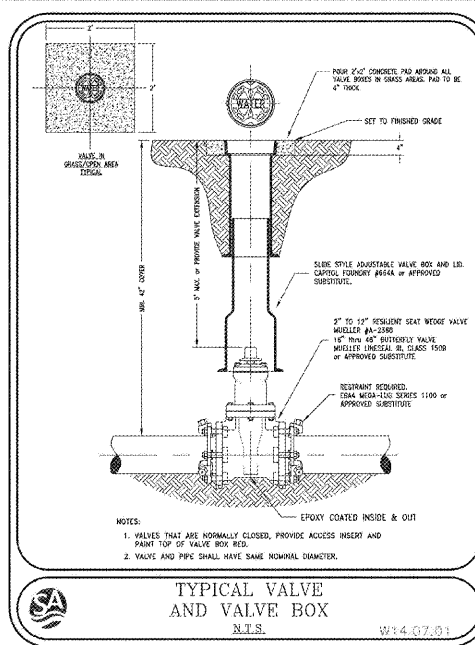
4" D.I.P. SERVICE CONNECTION DETAIL
N.T.S.



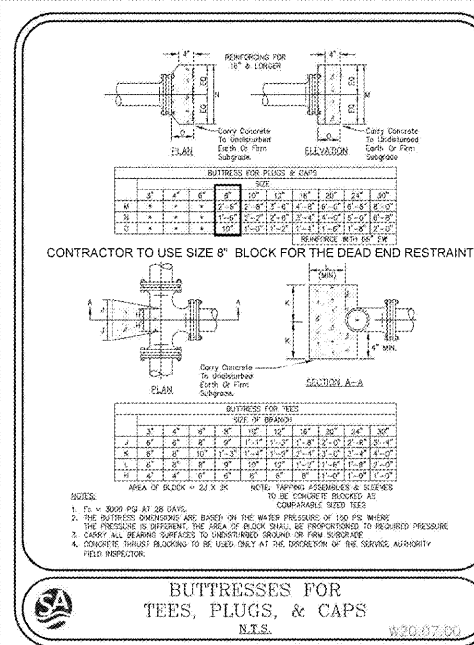
CLEANOUT COVER FOR PAVED AREAS
N.T.S.



TERMINATION OF SANITARY SEWER LATERAL
N.T.S.



TYPICAL VALVE AND VALVE BOX
N.T.S.



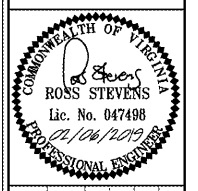
BUTRESSES FOR TEES, PLUGS, & CAPS
N.T.S.

Order Plans @

WWW.LDILine.com

NO.	REVISIONS	DATE	BY
1	PWC COMMENTS - 1ST ROUND	09/10/2018	CAH
2	PWC COMMENTS - 2ND ROUND	11/02/2018	CAH
3	PWC COMMENTS - SIGNATURE SET	02/06/2019	CAH
4	UTILITY REVISIONS	07/25/2019	CMH

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WWW.KIMLEY-HORN.COM



KHA PROJECT	110499001
DATE	03/27/05 (2019)
SCALE	AS SHOWN
DESIGNED BY	JLM
DRAWN BY	JLM
CHECKED BY	RSS

UTILITY DETAILS
WAWA - SUDLEY ROAD
PREPARED FOR FRONTIER DEVELOPMENT
PRINCE WILLIAM COUNTY, VA