

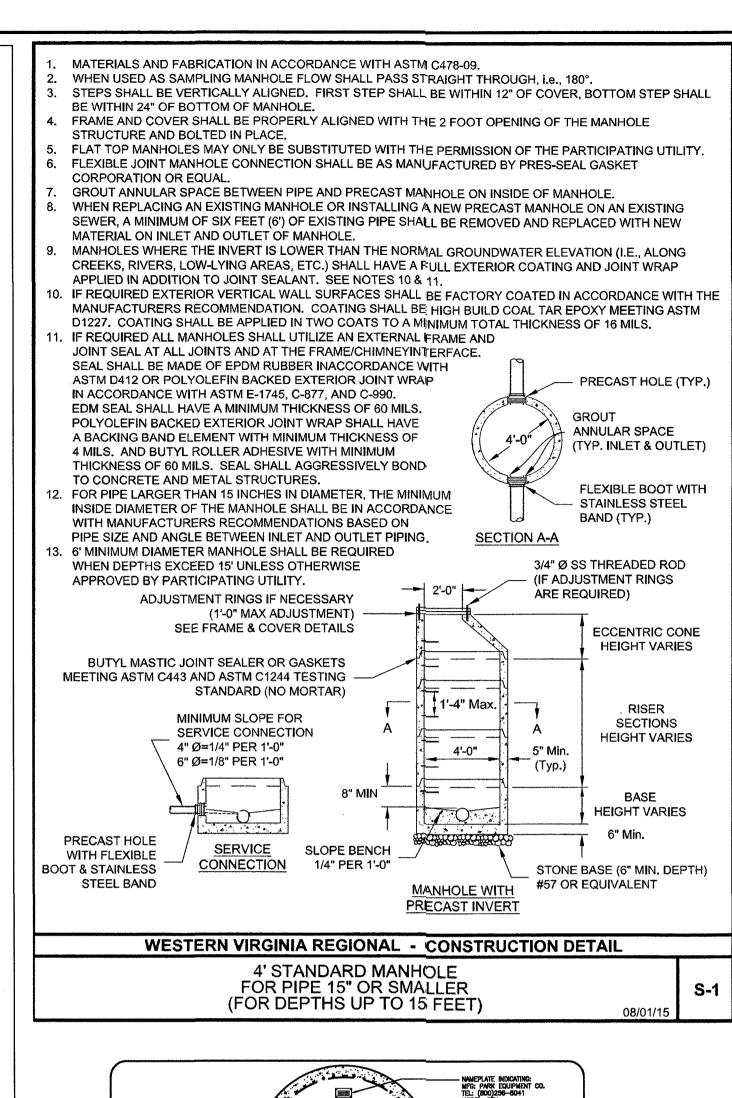
LEWISGALE EMERGENCY CENTER Development: AMBULATORY CARE CENTER / MEDICAL FACILITY Occupancy: Plumbing Fixture No. of **Fixtures** Bathtub **Bedpad Washers** Combination Sink & Tray Dental Unit Dental Lavatory Drinking Fountain - Cooler Drinking Fountain - Public 1/2" Connection 3/4" Connection 3/8" Connection Lavatory 1/2" Connection Laundry Tray 1/2" Connection 3/4" Connection Shower Head (Shower only) Pedestal Flush Valve Wall Flush Valve Trough (2 foot unit) Wash Sink (each set of faucets) Flush Valve Tank Type 1/2" connection 3/4" connection Washing Machine - 1/2" connection 3/4" connection 1" connection Hose Connection (Wash Down) -

3/4"

5/8"

3/4"

Hose (50 foot Wash Down)



GENERAL INFORMATION

Emergency eye weah and
shower stations are
connected to a common
drain piping. Westewater
from these stations may
contain hazardous materials
that should not be
introduced into a private or
sanitary sewer. A Park
Decontank is recommended
to detain this wastewater
until it is sarley removed.
Only certified & Romeed
wastewater disposal
companies shall be used.

ALMES PARE.

TYPICAL CONFIGURATION

APPLICATIONS

INSPITAL & LAS WISHOM

INSPITAL & LAS WISHOM

INSPITATION SHORE

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Specifica:

DI FLANGED

COUPLING -

FIRE MAIN

DUCTILE IRON PIPE

SLEEVE SEALS ---

SLEEVE W/ MECHANICAL

REINFORCEMENT: Grade 60 reinforced with steel rebar conforming to ASTM A615 on required centers or equal.

ACCESS COVER: The occess cover be minimum 24" diameter and be constructed of ductile iran. The cover shall be lockable and be hitged with a safety blacking system. The cover shall be H20 traffic duty and have markings indicating "Decontamenation Holding Tank".

Engineering Data
The holding tank & risers are structurally and hydraulically engineered conformin
to ASTM 478-C. Refer to Sizing Table for captacity.

Field excavation and preparation shall be completed prior to delivery of interceptor. Use dimensional data as shown.

FINISHED

GRADE

DTX1200 1,200 84 82 50 18,000 DTX1500 1,500 96" 60" 48" 19,600 DTX2000 2,000 96" 74" 62" 21,900 DTX2500 2,500 96" 88" 76" 24,200

PRECAST CONCRETE OUTER SHELL BE MONOLITHIC CONSTRUCTION NO JOINTS BELOW WATER LEVEL

- NON-WETTED INTERIOR OF TANK TO BE COATED W/ FRP LINER

INTERIOR OF TANK SHALL BE LINE WITH ONE OF THE FOLLOWING:

FIBER REINFORCED GLASS LINER
 150 MILS DFT —FG

304 STAINLESS STEEL LINER
 1/8" THICK —SS

EXTERIOR OF TANK TO BE COATED WITH BITUMASTIC VAPOR BARRIER

PARK 888-611-PAR www.park-USA.co

DeConTank A

ECONTAMINATION TANK - MODEL DTX SIZES 500 TO 2500 GALLONS

SYSTEM RISER

DTX-2

MJ 90° ELBOW WITH

RETAINER GLANDS

- CONCRETE THRUST BLOCK

NOTE: WHERE MAIN PASSES BELOW FOOTING, CLEARANCE

SHALL BE PROVIDED TO PREVENT PIPE BREAKAGE DUE

PER NFPA 24

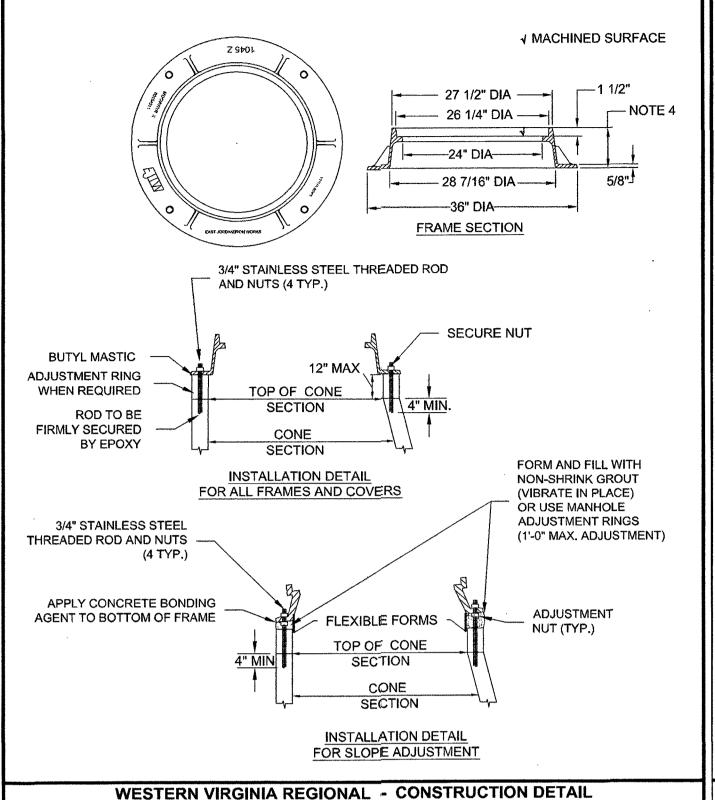
₩ 8" MJ DI PIPE

FIRE PROTECTION SYSTEM RISER

NO SCALE

TO BUILDING SETTLEMENT

DECONTAMINATION TANK



WATERTIGHT

MANHOLE FRAME

DETAIL AND MANUFACTURER'S RECOMMENDATION.

BEDDING CRITERIA.

WATERTIGHT MANHOLE FRAME MODEL #1045Z BY EAST JORDAN IRON WORKS, INC. OR EQUIVALENT.

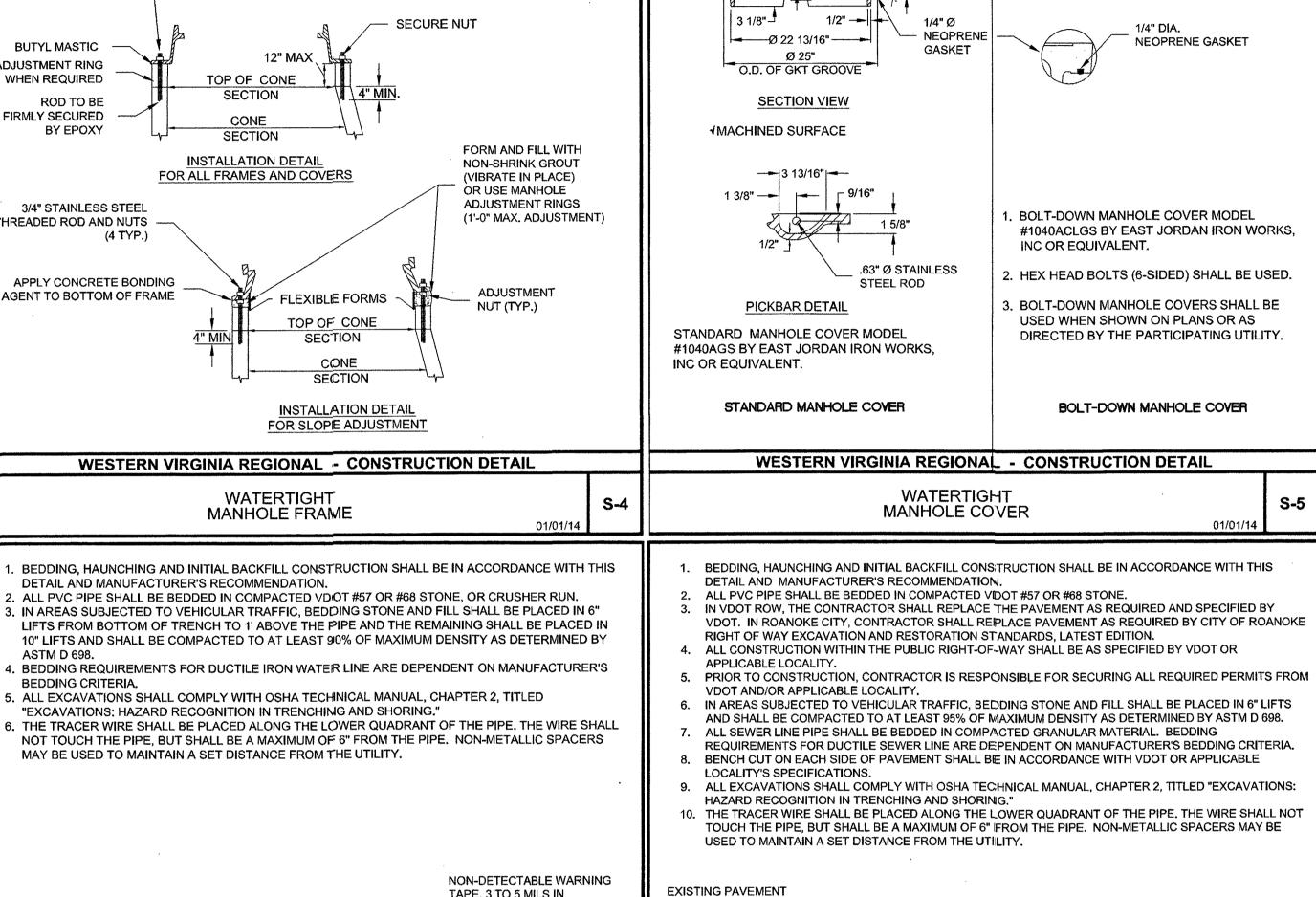
HDPE ADJUSTMENT RINGS SHALL MEET H-20 LOAD RATING, AND SHALL BE INTERLOCKING OR UTILIZE

CONCRETE ADJUSTMENT RINGS SHALL MEET H-20 LOAD RATING AND UTILIZE BUTYL MASTIC JOINT

BUTYL MASTIC JOINT SEALANT BETWEEN EACH RING TO FORM A WATERTIGHT JOINT.

4. FRAME HEIGHT SHALL BE 7" FOR BURIED LOCATIONS AND 4" FOR EXPOSED LOCATIONS.

SEALANT BETWEEN EACH RING AND FRAME AN COVER TO FORM A WATERTIGHT JOINT.



SECTION

MATERIAL PER APPLICABLE

SEE BEDDING NOTE BELOW

PIPE SIZE & MATERIAL

AS SHOWN ON PLAN

(6" IN ROCK

CONDITIONS)

WIDTH OF TRENCH EXCAVATION -

PIPE DIA. + 6" EACH SIDE (MINIMUM)

2" LETTERS

2" LETTERS

(RECESSED

FLUSH)

(RECESSED -

STOP LUGS

FOR CAM

BOTTOM VIEW

OF COVER

NEOPRENE GASKET

SURFACE MIX ASPHALT

- DEPTH VARIES

BASE MIX ASPHALT

SUBBASE

LOCATION OF TRACER WIRE WITH

TRACER WIRE NOT REQUIRED FOR

TYPICAL GRAVITY SANITARY SEWER.

G-12

08/01/15

NON-METALLIC PRESSURE PIPE.

SEE DETAIL G-4

NON-SLIP

TEXTURE

/(2) PICKBARS

SEE DETAIL

BELOW

FOR PARTICIPATING UTILITIES

GENERIC NON-LOGO MANHOLE

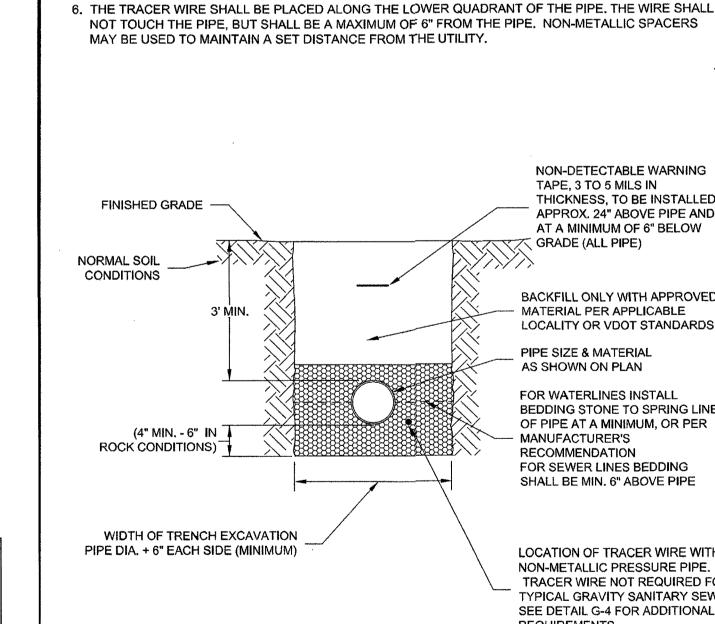
COVERS LABELED "SEWER"

OTHER THAN THE WVWA,

SHALL BE SUBSTITUTED

(2) CLOSED

PICKHOLES



TAPE, 3 TO 5 MILS IN THICKNESS, TO BE INSTALLED APPROX. 24" ABOVE PIPE AND AT A MINIMUM OF 6" BELOW GRADE (ALL PIPE) BACKFILL ONLY WITH APPROVED MATERIAL PER APPLICABLE LOCALITY OR VDOT STANDARDS PIPE SIZE & MATERIAL AS SHOWN ON PLAN BACKFILL ONLY WITH APPROVED FOR WATERLINES INSTALL BEDDING STONE TO SPRING LINE LOCALITY OR VDOT STANDARDS OF PIPE AT A MINIMUM, OR PER MANUFACTURER'S RECOMMENDATION FOR SEWER LINES BEDDING SHALL BE MIN. 6" ABOVE PIPE LOCATION OF TRACER WIRE WITH NON-METALLIC PRESSURE PIPE. TRACER WIRE NOT REQUIRED FOR TYPICAL GRAVITY SANITARY SEWER SEE DETAIL G-4 FOR ADDITIONAL REQUIREMENTS

BEDDING: FOR WATERLINES, INSTALL BEDDING STONIE TO SPRING LINE OF PIPE AT A MINIMUM, OR PER MANUFACTURER'S RECOMMENDATION. FOR SEWER LINES, BEDDING SHALL BE MINIMUM 6" ABOVE PIPE

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL BEDDING AND BACKFILL

LIMITS OF OPEN CUT

UNDER PAVEMENT AND IN RIGHT-OF-WAY

TIMOTHY STEPHEN SELDON Lic. No. 047999

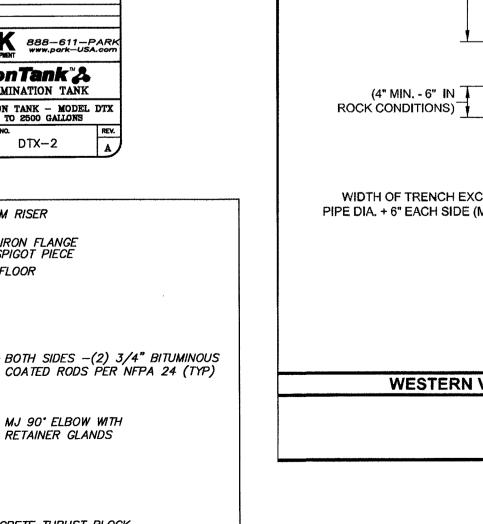
DATE 8-23-2016 DRAWN BY

T. SELDON **DESIGNED BY**

T. SELDON CHECKED BY T. SELDON

SCALE

JOB NO. 38321 SHEET NO.



WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL BEDDING AND BACKFILL OUTSIDE OF PAVED AREAS 08/01/15

NON-DETECTABLE

THICKNESS, TO BE

INSTALLED APPROX.

24" ABOVE PIPE AND AT A MINIMUM OF

6" BELOW GRADE

(ALL PIPE)

WARNING TAPE,

3 TO 5 MILS IN