	REVISED	STATE	FEDERAL AID		STATE	CHEET NO	
			PROJECT	ROUTE	PROJECT	SHEET NO	
		VA.			U000-128-V12,C-503	23(17B	

PUBLIC HYDRANTS SHALL BE PAINTED SILVER WITH AN OIL-BASED PAINT. PRIVATE HYDRANTS SHALL ALSO BE

FIRE HYDRANT SHALL BE INSTALLED 2' MIN. AND 4' MAX. FROM BACK OF CURB OR 6' MIN. AND 12' MAX. FROM EDGE OF PAVEMENT WHEN CURB IS NOT PRESENT FIRE HYDRANT TO BE INSTALLED WITHIN RIGHT-OF-WAY OR

EASEMENT LINE.

AREA AROUND HYDRANT AT A RADIUS OF 4' TO BE LEVEL AND UNOBSTRUCTED.

WATERPROOF BAGS OR OUT OF SERVICE RINGS SHALL BE PLACED OVER ALL NEWLY INSTALLED FIRE HYDRANTS.
HIGH PRESSURE (OVER 120 PSI) REQUIRES THE USE OF ALL 3 RESTRAINTS.

IF DURING CONSTRUCTION THE SEASONAL WATER LEVEL IS NOTED TO BE ABOVE THE DRAIN OUTLETS OF THE

PROPOSED HYDRANT. THE PARTICIPATING UTILITY WILL BE NOTIFIED IMMEDIATELY SO THAT THE HYDRANT CAN BE RELOCATED TO A SUITABLE LOCATION, OMITTED, OR THE DRAIN HOLE PLUGGED. TWO WRAPS OF TRACER WIRE SHALL BE WRAPPED AROUND BASE OF HYDRANT.

(NO OBSTRUCTIONS)

NOZZLE (FACING THE ROAD)

THREADED ROD AND NUTS

APPROVED M.J. GLAND RESTRAINT

(i.e. MEGALUGS, GRIP RINGS OR

UNI-FLANGE) MAY BE SUBSTITUTED FOR CONCRETE THRUST BLOCKS

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

FIRE HYDRANT ASSEMBLY

M.J. FITTINGS SHALL NOT BE ENCASED IN CONCRETE

VALVE BOX OUTSIDE

STANDARD INSTALLATION INCLUDES FOSTER ADAPTER OR APPROVED EQUAL

- LINE SIZE

01/01/14

1 - 4 1/2" PUMPER

APPROVED MODELS - AVK MODEL 2780, AFC MODEL 8-84-8-5, MUELLER CENTURION A423, KENNEDY K81 D

EQUIVALENT.

AFC MODEL B-84-B. MUELLER CENTURION A423, KENNEDY 481D EQUIVALENT.

INISHED GRADE

0.5 CY CLEAN

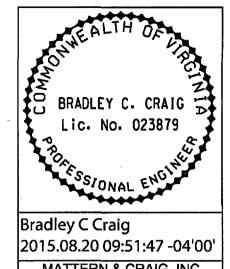
CONCRETE BASE AND THRUST

BLOCK AGAINST UNDISTURBED

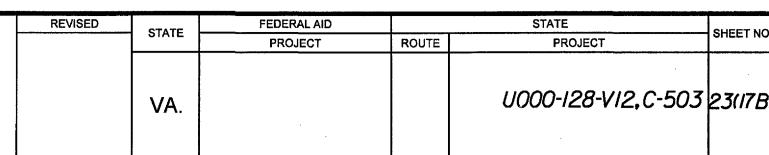
SOIL, CONCRETE BHALL NOT

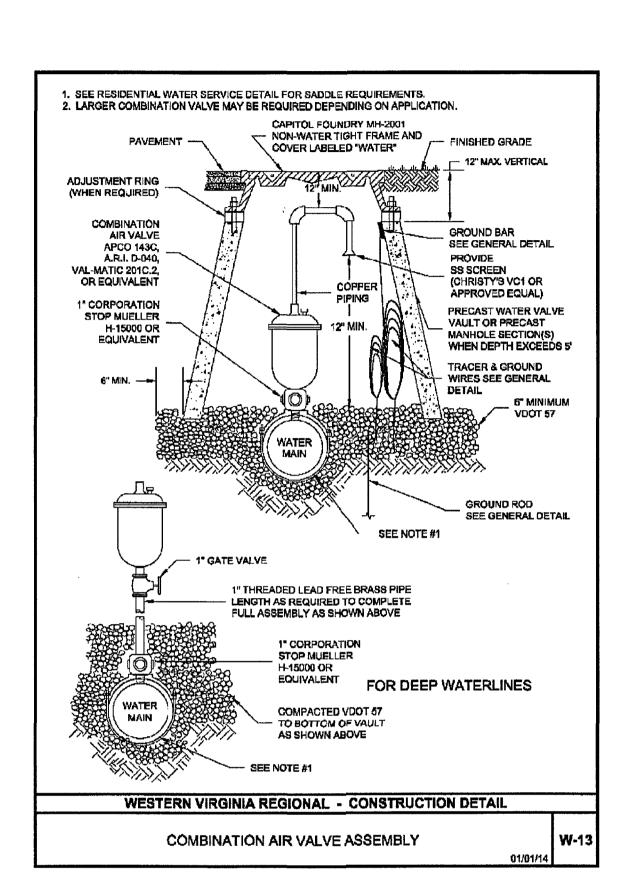
PAINTED SILVER WITH AN OIL-BASED PAINT UNLESS OTHERWISE SPECIFIED BY THE JURISDICTIONAL FIRE

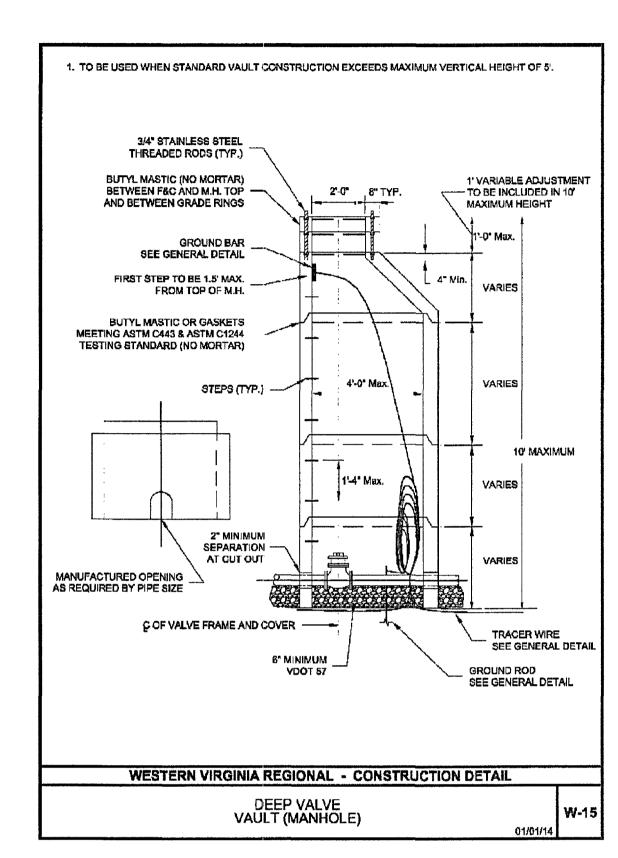
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

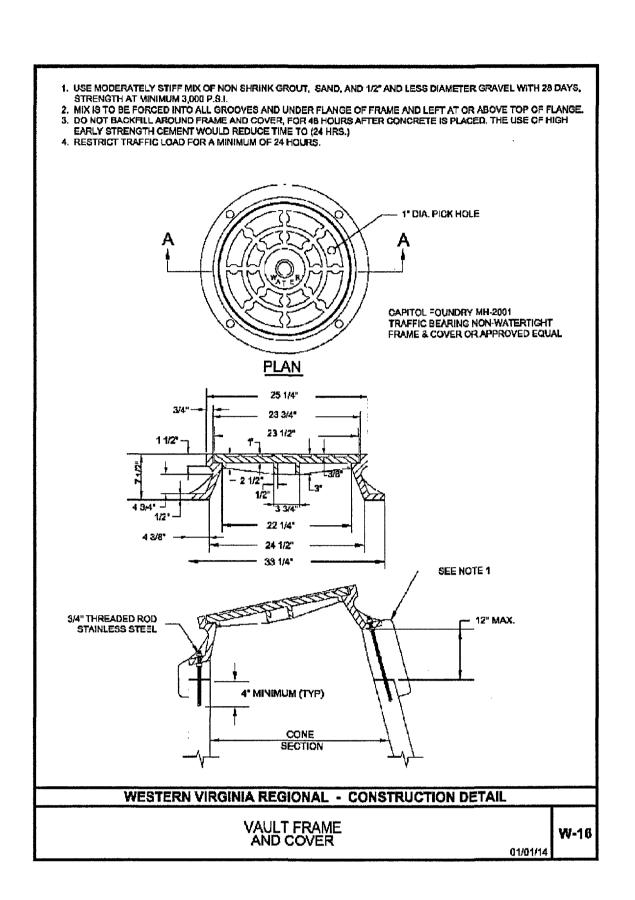


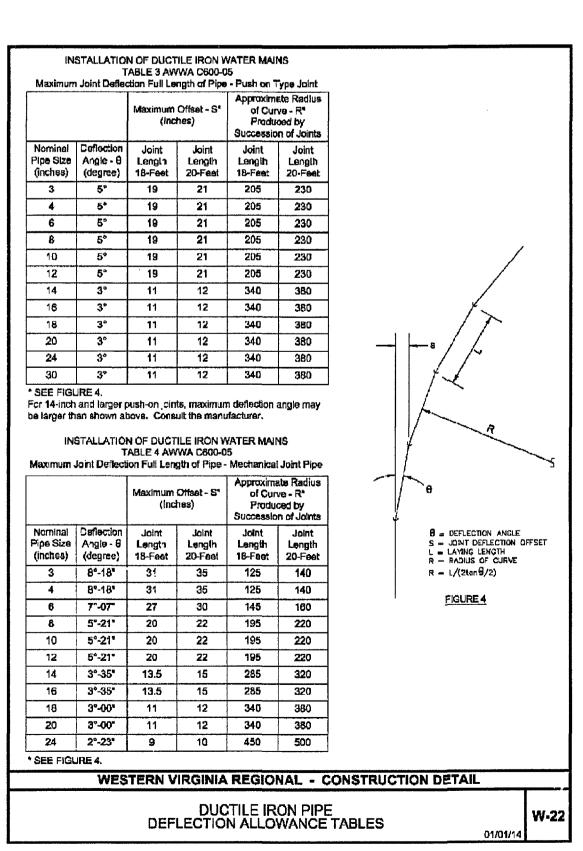
MATTERN & CRAIG, INC Roanoke, Virginia (UTILITY ENGINEER)

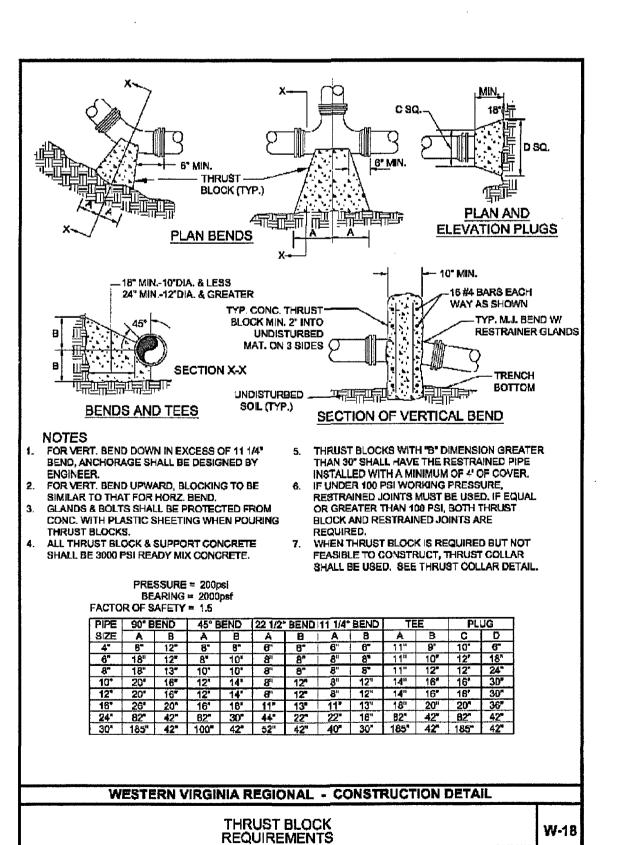


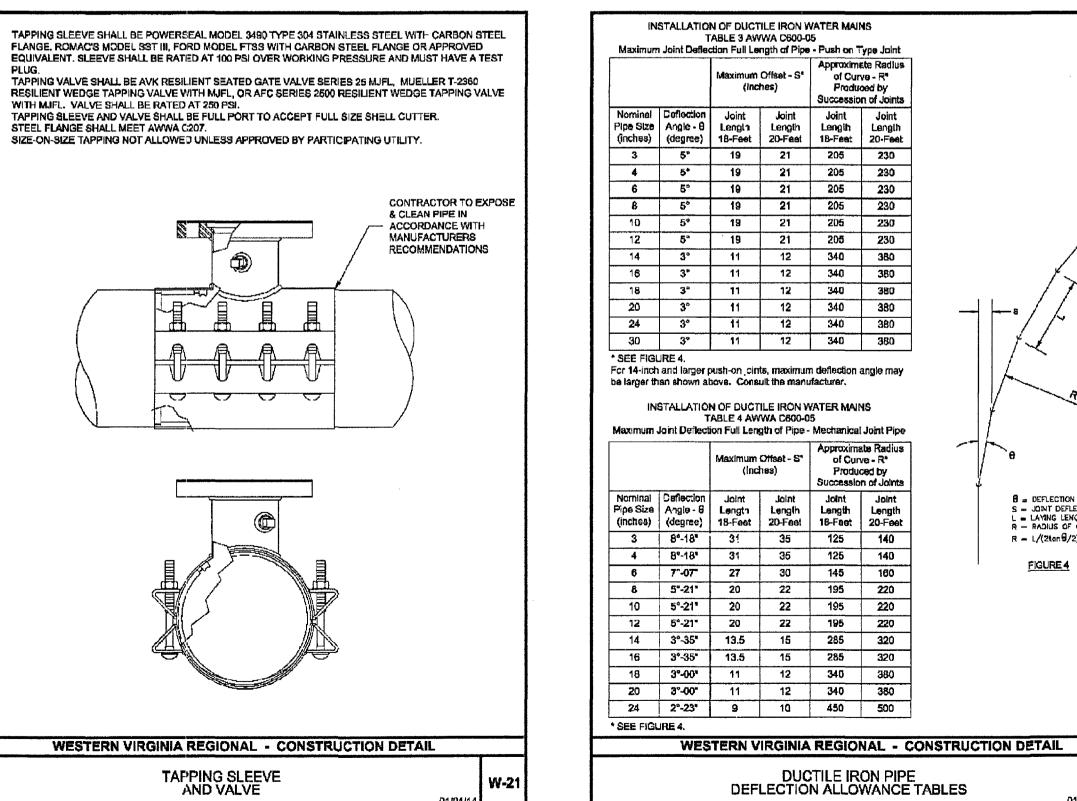












PLAN NO. **PROJECT** FILE NO. SHEET NO. U000-128-V12 23(I7B)