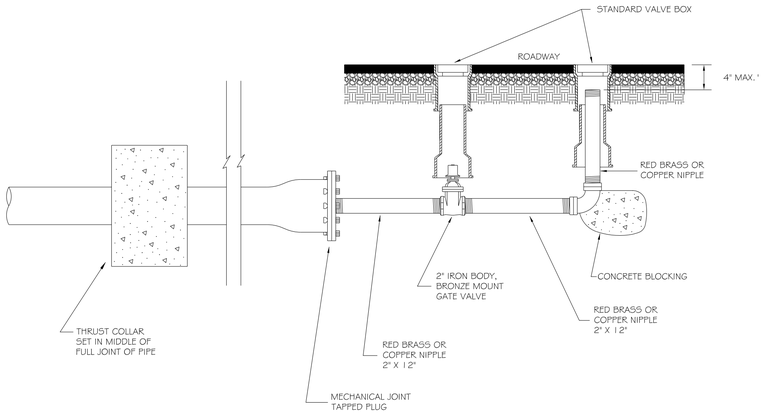
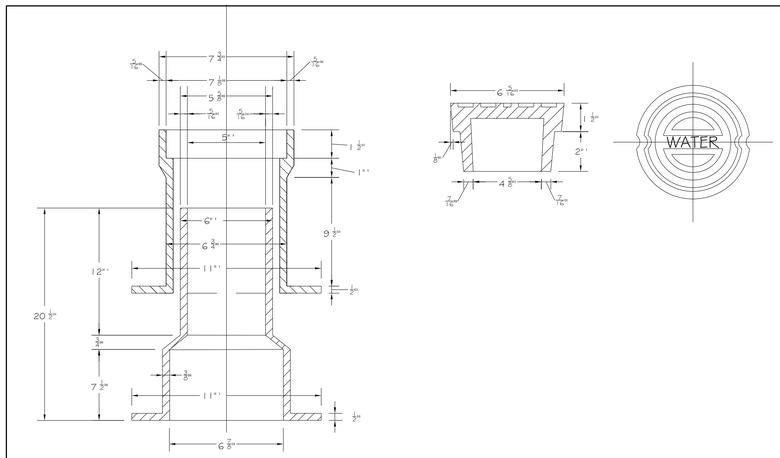
DocuSign Envelope ID: AB728DE0-A26B-4FF4-B155-10B4121E2755

5/14/99

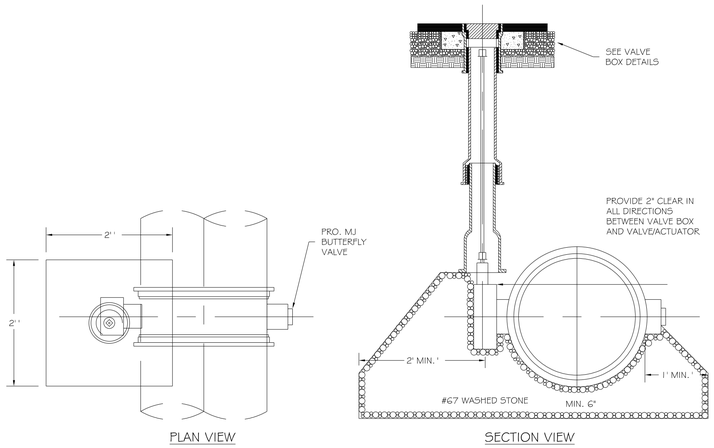


STANDARD 2" BLOW OFF DETAIL

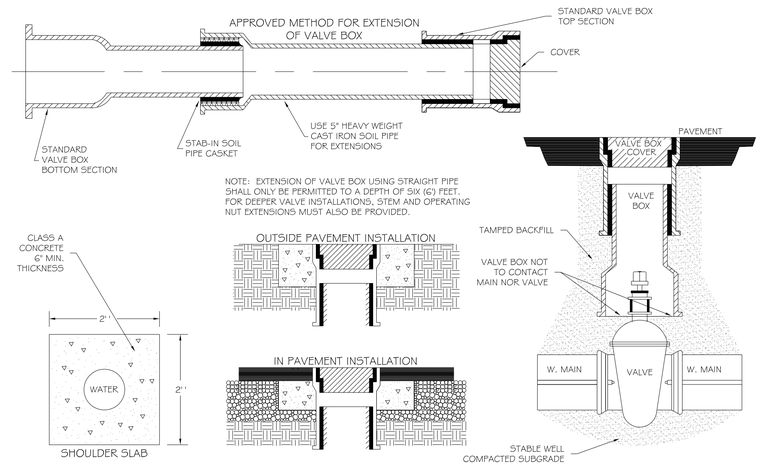


NOTES:
1. VALVE BOX SHALL BE TELESCOPIC WITH SCREWW TYPE ADJUSTMENT.
2. VALVE BOX SHALL BE CAST FROM ASTM A-48, CLASS 30 IRON AND SHALL BE FULLY BITUMINOUS COATED FOR DIRECT BURIAL.

STANDARD VALVE BOX DETAIL



BUTTERFLY VALVE DETAIL



STANDARD VALVE BOX INSTALLATION DETAIL

PROJECT REFERENCE NO.	SHEET NO.
U-3330	UC-3F

DESIGNED BY: GJB
DRAWN BY: GJB
CHECKED BY: KCZ
APPROVED BY: KCZ
REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
PHONE:(919)707-6690
FAX:(919)250-4151

NORTH CAROLINA PROFESSIONAL SEAL 027661 ENGINEER KEVIN C. ZOBB
Kevin C. Zobb
Docusigned by: SEAL
F6B6C5A5E5E5E5...
2/22/2017

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNTIL ALL SIGNATURES ARE COMPLETED

M A Engineering Consultants, Inc.
598 East Chatham Street - Suite 137
Cary, NC 27511
Phone: 919.297.0220 Fax: 919.297.0221
NC License: F-0160

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROVEMENT TO THIS DOCUMENT BY ANY OTHER PERSONS OR FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF M A ENGINEERING CONSULTANTS, INC. IS PROHIBITED AND ANY SUCH UNAUTHORIZED USE SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO M A ENGINEERING CONSULTANTS, INC.