

COMBINATION VALVE SIZES

STA. AIR/VACUUM VALVE

3"

SIDE VIEW

CARRIER PIPE

PROJECT REFERENCE NO. SHEET NO. B-5136 UC-3a

DESIGNED BY: SM

DRAWN BY: BCC

CHECKED BY: SM

APPROVED BY:

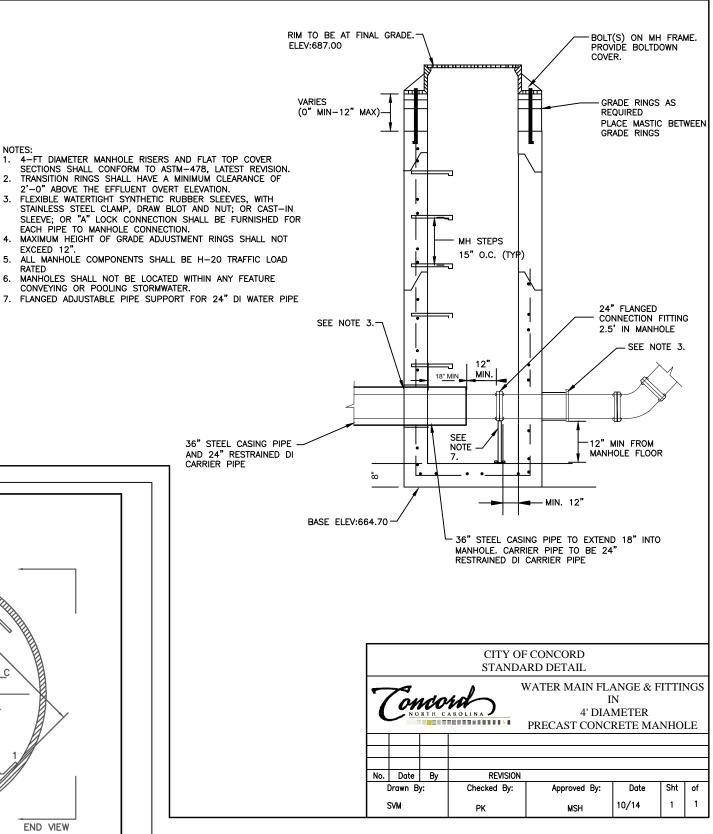
DATE: 12/09/14

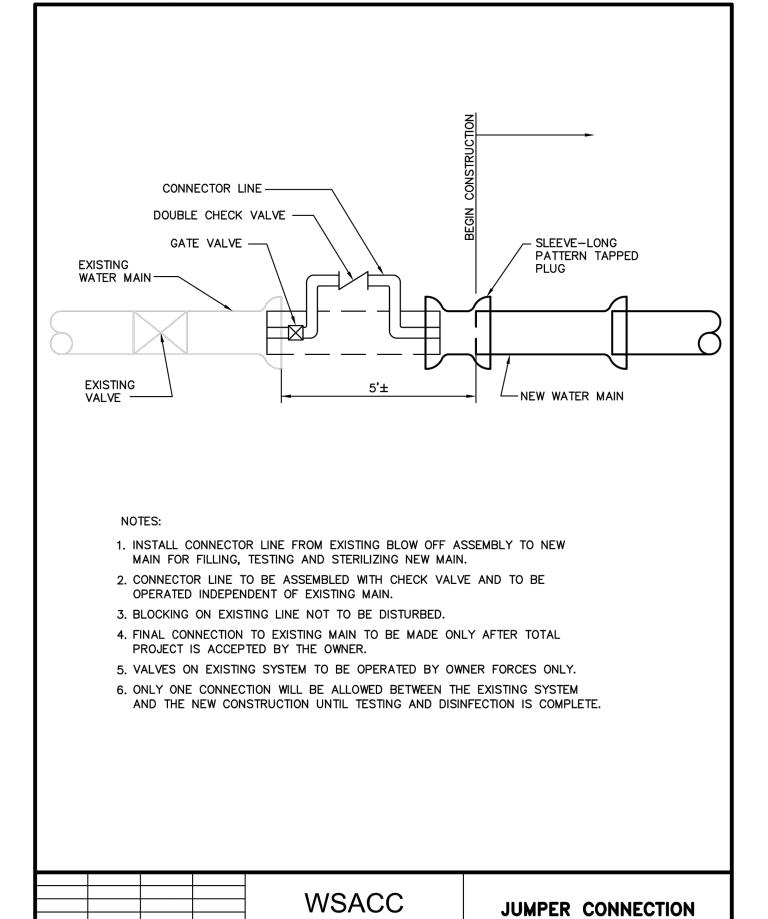
REVISED:



1555 MAIL SERVICES CENTER RALEIGH NC 27699-1555 PHONE (919) 707-6690 FAX (919) 250-4151

UTILITY CONSTRUCTION





WATER AND SEWER AUTHORITY

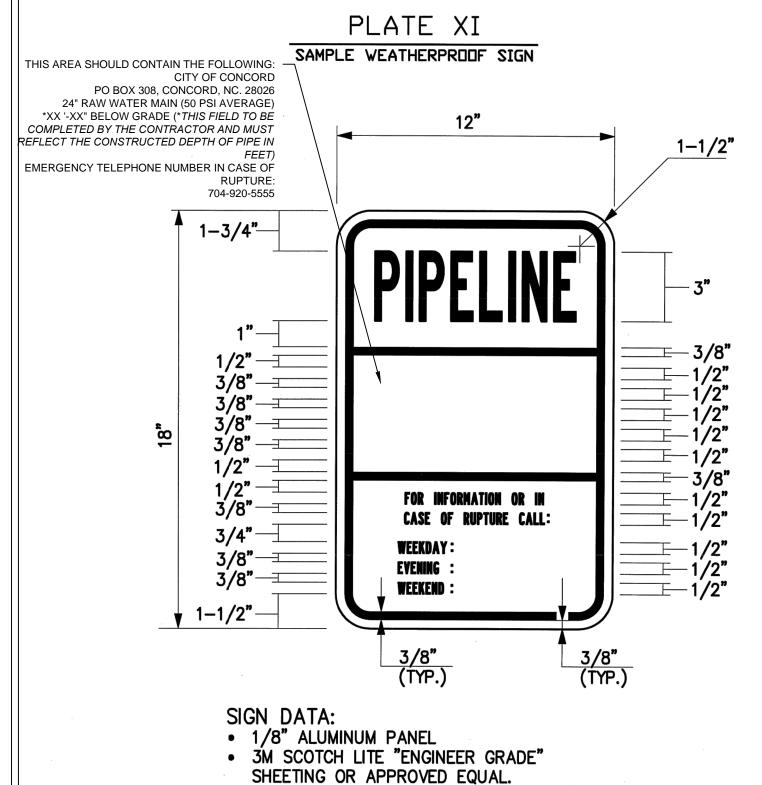
FILE NAME: W 13.0

OF CABARRUS COUNTY

REVISION

DATE

CHKD



RED COPY ON WHITE BACKGROUND

USE 2 LB/FT U—CHANNEL POST (MIN.)

MOUNT SIGNS BACK—TO—BACK ON POST.

MOUNT SIGN PANEL 5' ABOVE GRADE (MIN.)

35

1. MANHOLE SHALL BE RATED FOR NCDOT SH-20 LOADING

STEEL REINFORCING DESIGN SHALL CONFORM TO ASTM C857

DIAGONAL REINFORCING SHALL BE ADDED TO ALL OPENINGS.

VALVE TO LOCATED AT THE CENTER LINE OF MANHOLE.

7. FRAME TO BE FLUSH WITH THE GROUND IN MAINTAINED

8. ALL JOINTS SHALL BE MADE WATERTIGHT USING 2 RINGS

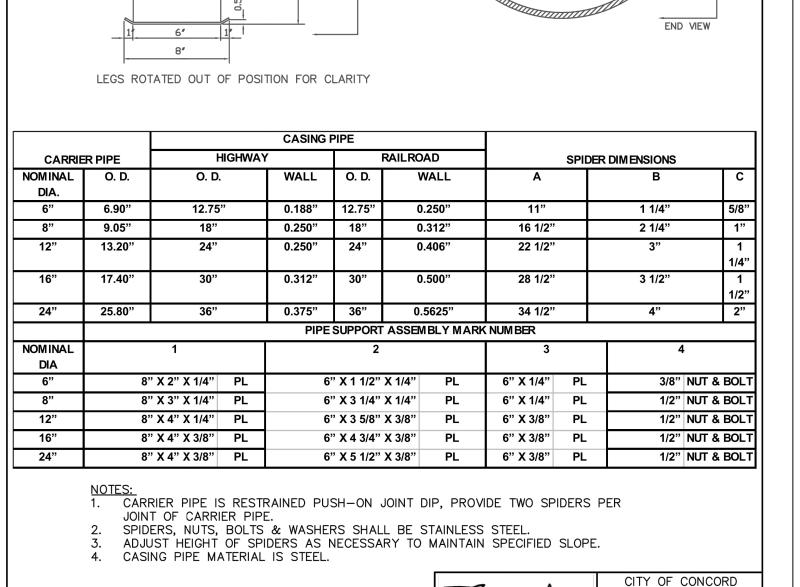
2. ALL CONCRETE SHALL BE MINIMUM 4000 PSI

REBARS SHALL BE GRADE 60 PER ASTM 185

COMPRESSIVE STRENGTH.

ROAD OR YARD R/W.

OF BUTYL RUBBER JOINT MASTIC



(oncord

PK

SVM

STANDARD DETAIL

CASING PIPE

SPIDERS

MSH |05/11|1|:

Drawn By: Checked By: Approved By: Date Sht of



PREPARED BY
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