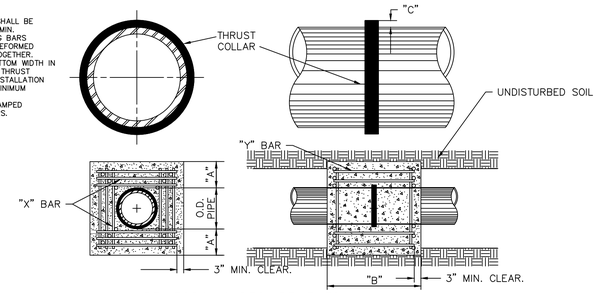
NOTES:
1. CONCRETE SHALL BE 2500 P.S.I. MIN.
2. REINFORCING BARS SHALL BE DEFORMED AND TIED TOGETHER.
3. TRENCH BOTTOM WIDTH IN VICINITY OF THRUST BLOCK(S) INSTALLATION SHALL BE MINIMUM WIDTH.
4. BACKFILL TAMPED IN 6" LAYERS.



REINFORCING REQUIREMENTS

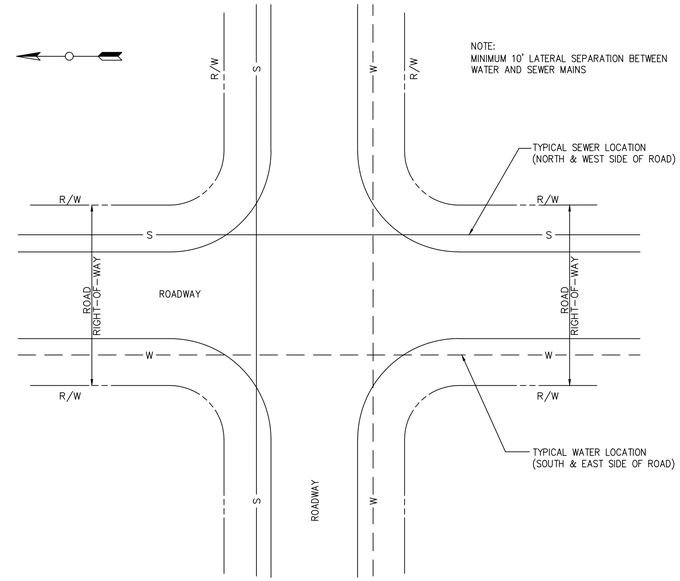
REINFORCING BAR SCHEDULE

I.D. PIPE	REBAR SIZE	"X" BAR LENGTH	"X" BAR WGHT.	"Y" BAR LENGTH	Y" BAR WGHT.	NO. REQD.
6"–36"	#5	2'–2"+O.D. PIPE	1.043 LBS./FT	1'–1"	1.1 LBS. EA.	X–24,Y–12
48"	#6	3'–0"+O.D. PIPE	1.502 LBS./FT	1'–3"	1.9 LBS. EA.	X–24,Y–12

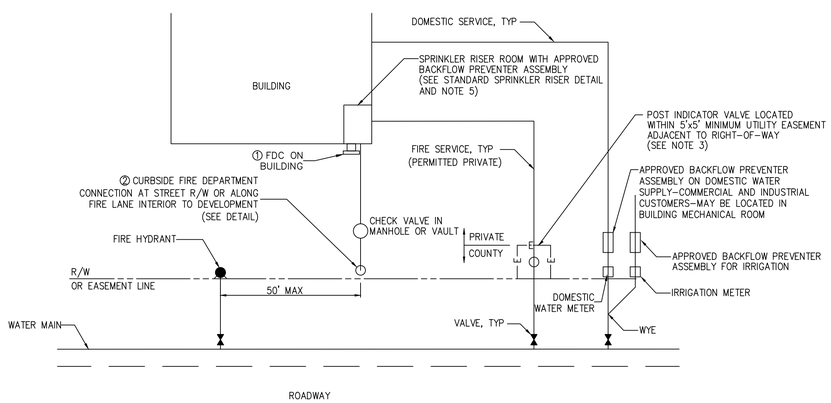
REINFORCING BAR SCHEDULE

I.D. PIPE	"A"	"B"	"C" – 6"–16", 20"–24", 30"–36", 48"
6"–36"	1'–4"	1'–7"	2" 3" 4"
48"	1'–8"	1'–9"	6"

THRUST COLLAR FOR WATER MAINS
DETAIL W–12



PLACEMENT OF UTILITIES IN ROAD RIGHT–OF–WAY
DETAIL W–13



NOTES:

1. NO FIRE HYDRANTS ARE PERMITTED ON PRIVATE FIRE SERVICE LINES.
2. FIRE SERVICE LINES WITH FIRE HYDRANT(S) SHALL BE PUBLIC WATER MAINS LOCATED WITHIN A RECORDED PUBLIC UTILITY EASEMENT. THE POST INDICATOR VALVE SHALL BE LOCATED AFTER THE MOST DOWNSTREAM HYDRANT ON THE MAIN.
3. FIRE SERVICE LINES WITH HYDRANTS SHALL BE 6" MINIMUM DIAMETER.
4. POST INDICATOR VALVES FOR PRIVATE FIRE SERVICE LINES SHALL BE LOCATED AS SHOWN.
5. RPZ MAY BE LOCATED IN BUILDING IF BUILDING IS LESS THAN 200 LINEAR FEET FROM THE WATER MAIN SERVING THE BUILDING.

LOCATION SCHEMATIC FOR FIRE SERVICE–DOMESTIC & IRRIGATION
DETAIL W–14

Revisions

COUNTY OF BRUNSWICK

GENERAL WATER DETAILS FOR BRUNSWICK COUNTY NORTH CAROLINA

Date: 06-05-12
Scale: NTS
Drawn By: JDM
Checked By: WLP