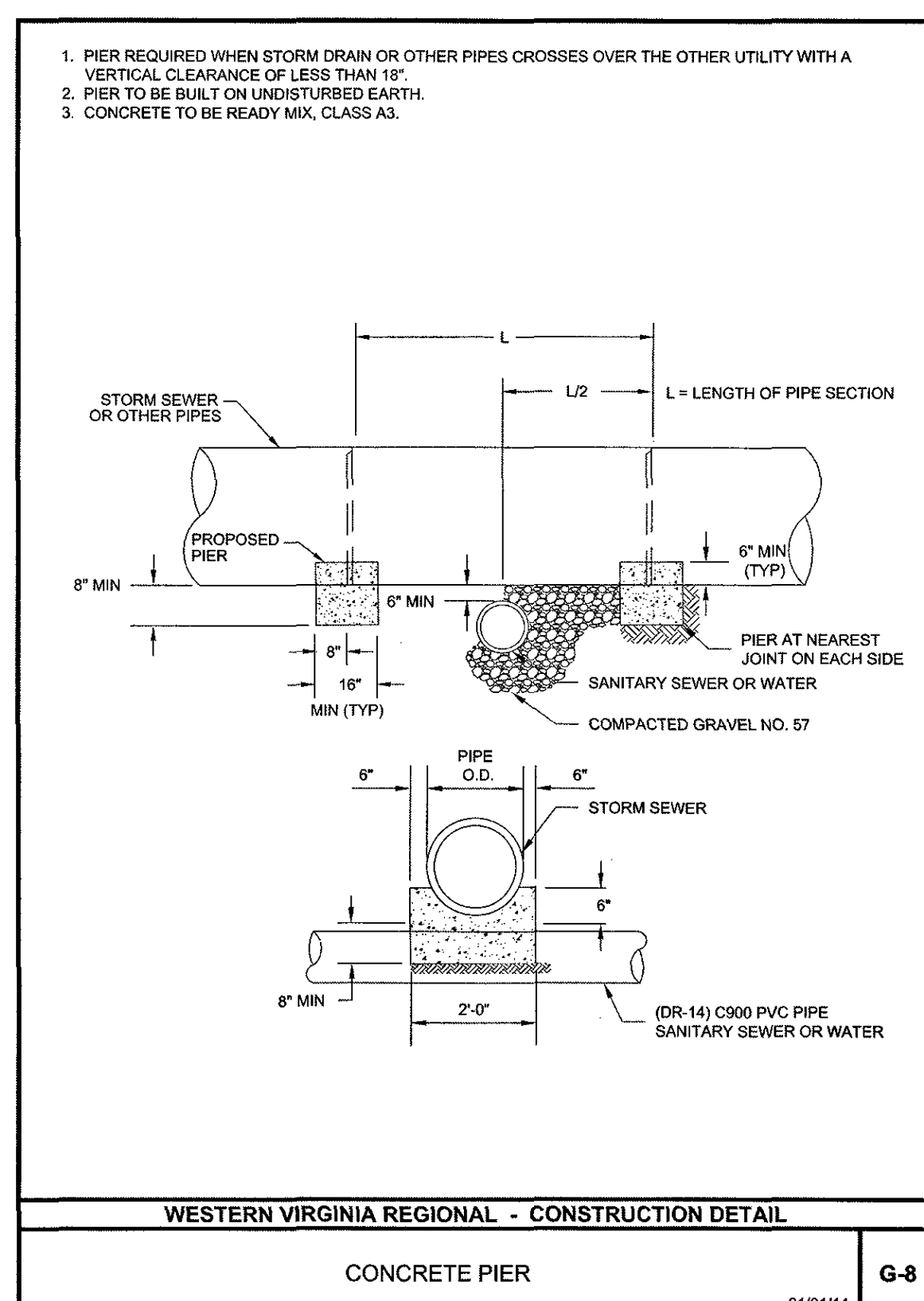
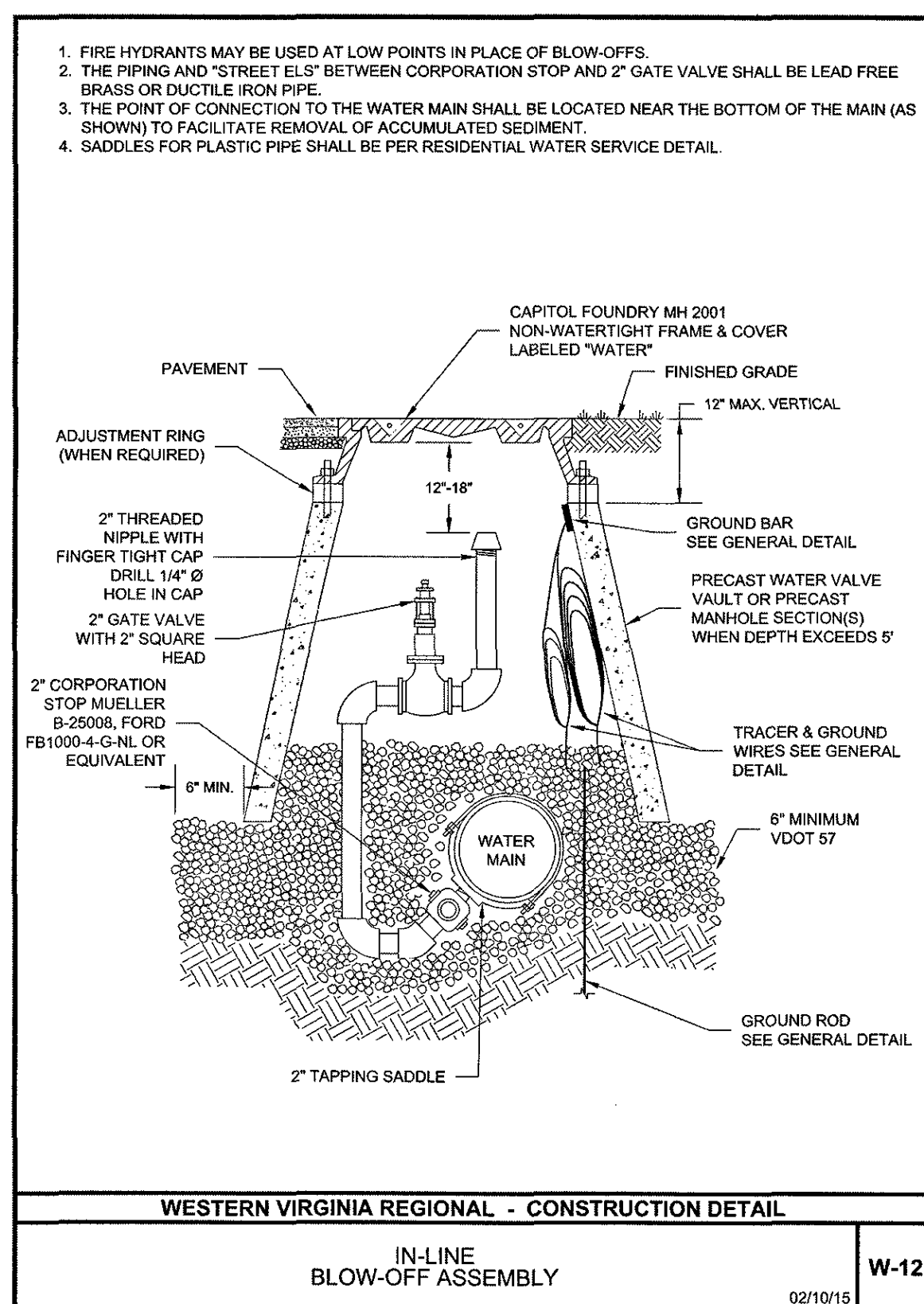
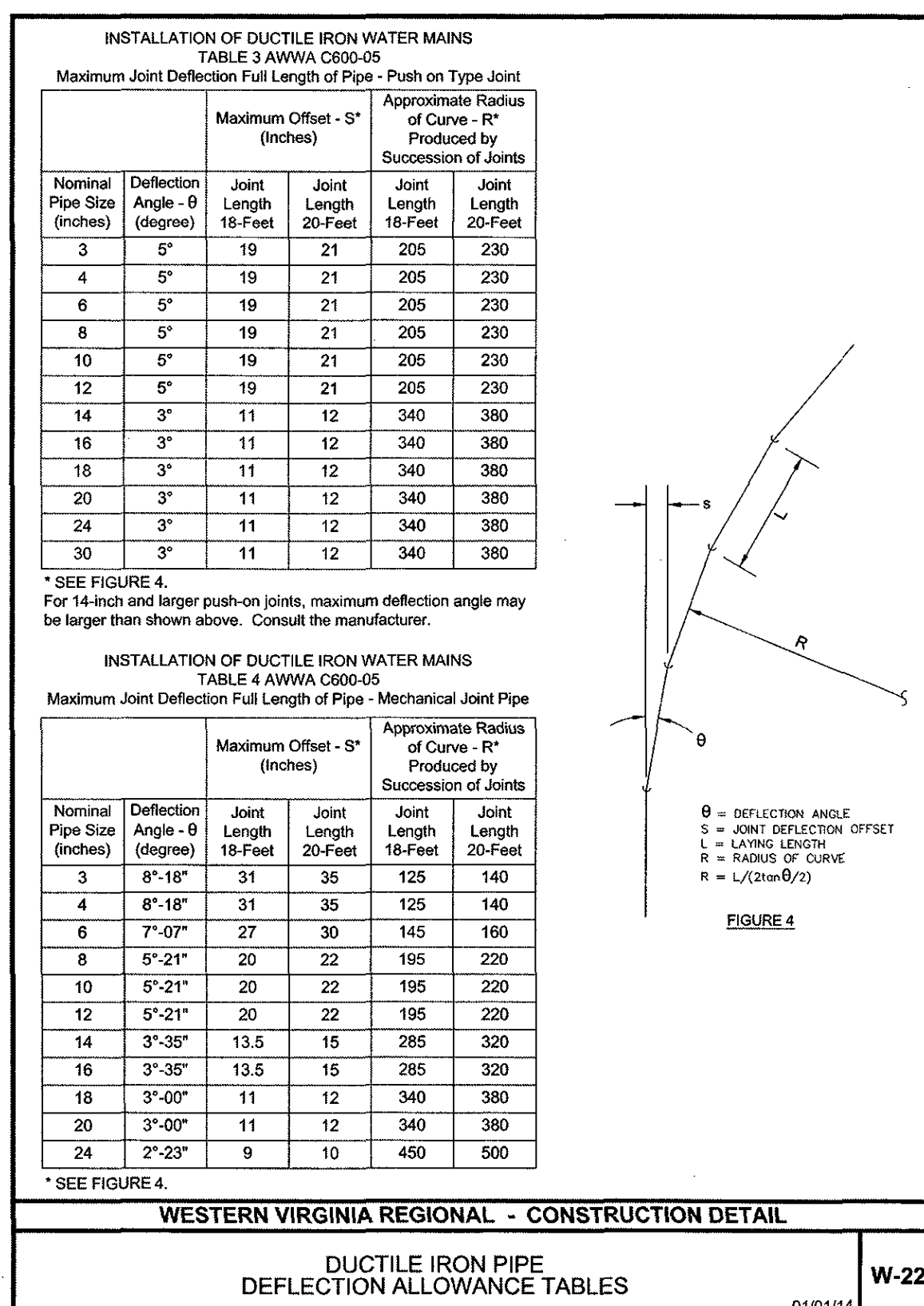
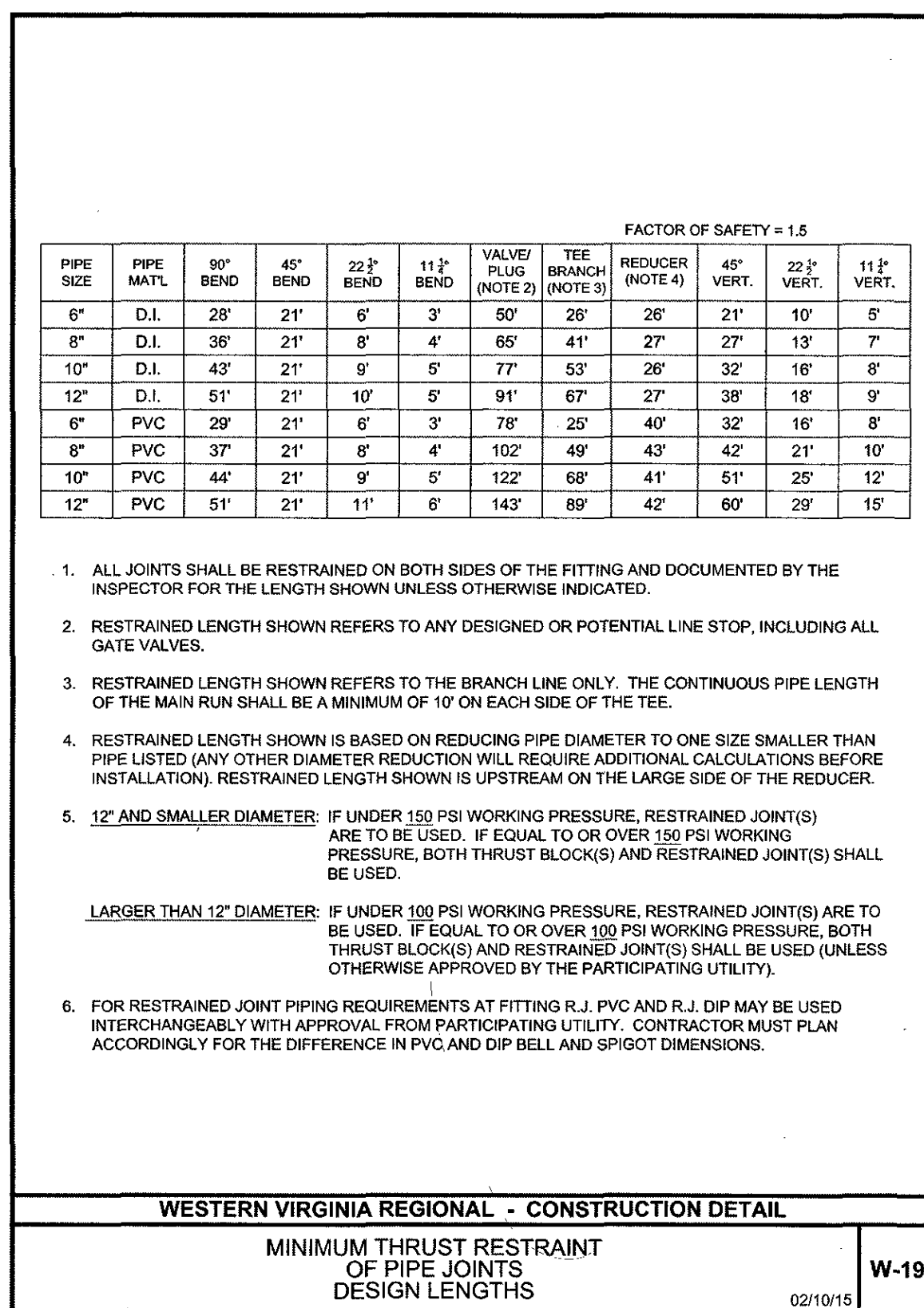
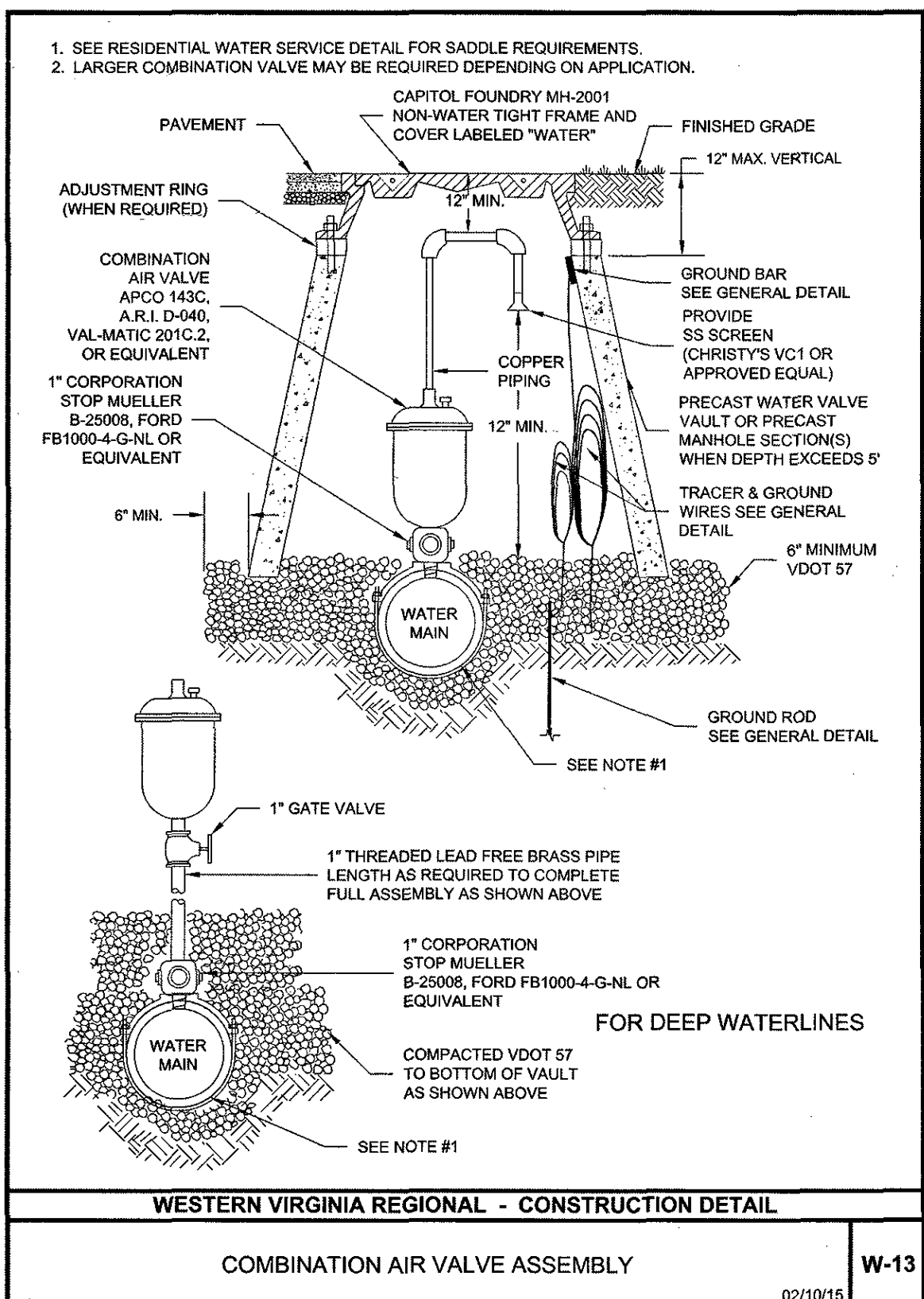
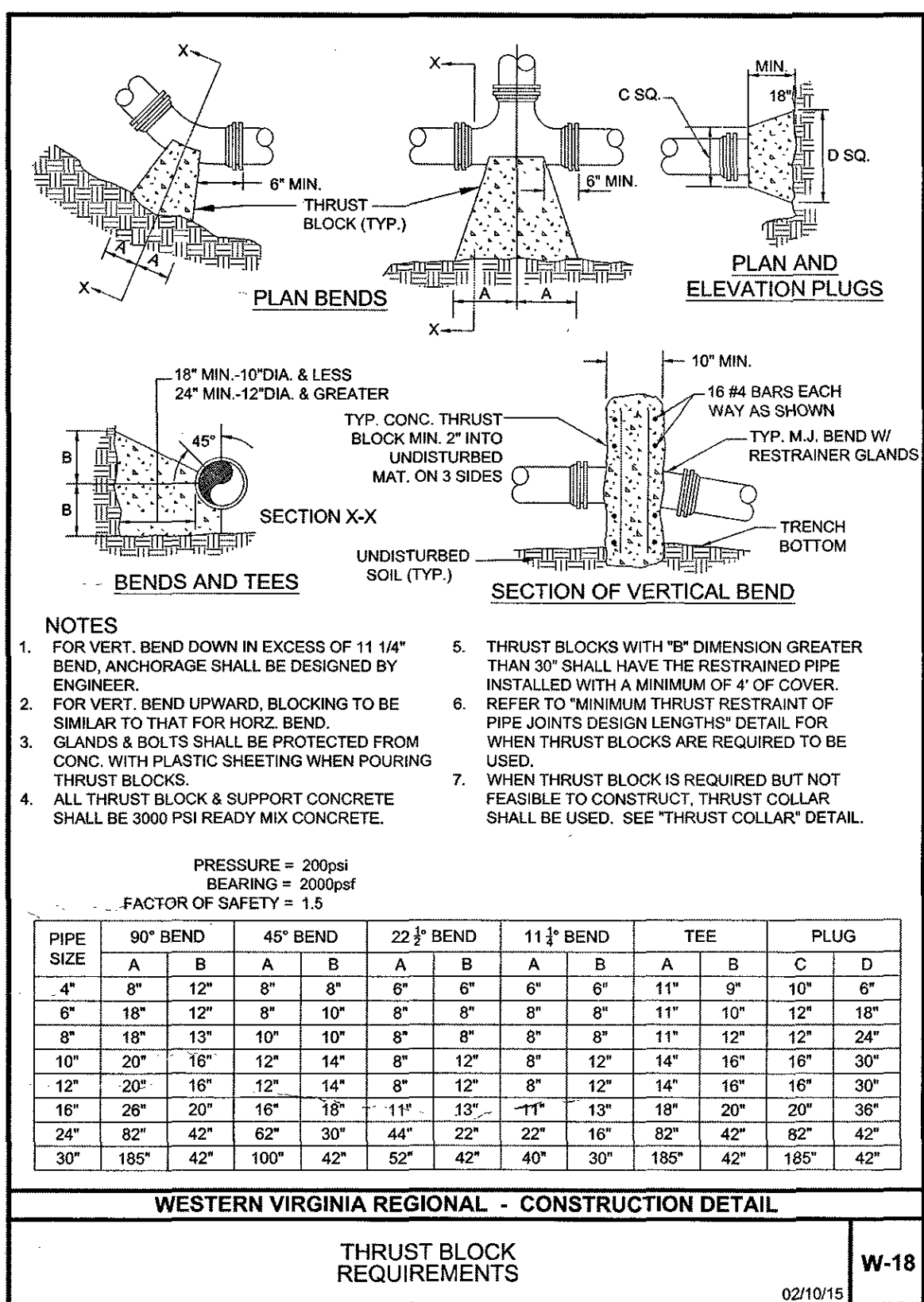




Water System Data:

W1	Water Valve Top of Rim = 1036.83' Top of Valve = 1034.37'
W2	Water Manhole Top of Rim = 1035.81' Top of Valve = 1032.74'
W3	Water Manhole Top of Rim = 1035.88' Top of Valve = 1032.93'
W4	Water Manhole Top of Rim = 1035.72' Top of Valve = 1032.71'
W5	Water Valve Top of Rim = 1041.81' Top of Valve = 1039.06'
W6	Water Manhole Top of Rim = 1043.76' Top of Valve = 1041.18'
W7	Water Valve Top of Rim = 1043.44' Top of Valve = 1040.42'
W8	Water Manhole Top of Rim = 1043.48' Top of Valve = 1041.47'
W9	Water Valve Top of Rim = 1040.58' Top of Valve = 1037.74'
W10	Water Manhole Top of Rim = 1039.72' Top of Valve = 1036.91'
W11	Water Manhole Top of Rim = 1032.62' Top of Valve = 1031.15'
W12	Water Manhole Top of Rim = 1015.16' Top of Valve = 1011.86'
W13	Water Manhole Top of Rim = 1014.94' Top of Valve = 1012.96'
W14	Water Manhole Top of Rim = 1014.75' Top of Valve = 1012.92'
W15	Water Manhole Top of Rim = 1007.43' Top of Valve = 1004.74'
W16	Water Manhole Top of Rim = 1007.39' Top of Valve = 1005.00'
W17	Water Manhole Top of Rim = 1007.15' Top of Valve = 1004.86'
W18	Water Manhole Top of Rim = 1023.57' Top of Valve = 1021.12'
W19	Water Manhole Top of Rim = 1025.73' Top of Valve = 1023.84'
W20	Water Manhole Top of Rim = 1024.45' Top of Valve = 1022.28'
W21	Water Manhole Top of Rim = 1026.73' Top of Valve = 1024.59'
W22	Water Manhole Top of Rim = 1002.30' Top of Valve = 999.76'
W23	Water Manhole Top of Rim = 1035.29' Top of Valve = 1032.86'
W24	Water Valve Top of Rim = 1004.36' Top of Valve = 1002.78'
W25	Water Valve Top of Rim = 1005.21' Top of Valve = 1003.02'
W26	Water Manhole Top of Rim = 1005.11' Top of Valve = 1003.63'
W27	Water Manhole Top of Rim = 1002.28' Top of Valve = 1000.42'
W28	Water Manhole Top of Rim = 1002.81' Top of Valve = 999.67'

Sanitary Sewer Data:

S1	Sanitary Sewer Manhole Top of Rim = 1043.24' 8" Inv. In = 1036.70' 8" Inv. Out = 1036.61'
S2	Sanitary Sewer Manhole Top of Rim = 1037.19' 8" Inv. In (S1) = 1031.63' 8" Inv. In (S4) = 1029.32' 8" Inv. Out (S3) = 1029.24'
S3	Sanitary Sewer Manhole Top of Rim = 1032.33' 8" Inv. In (S2) = 1027.21' 8" Inv. In = 1027.13' 8" Inv. Out = 1026.83'
S4	Sanitary Sewer Manhole Top of Rim = 1035.84' Lat. Inv. In = 1034.24' 8" Inv. Out (S2) = 1032.63'
S5	Sanitary Sewer Manhole Top of Rim = 1036.25' Lat. Inv. In = 1028.43' 8" Inv. Out = 1028.37'
S6	Sanitary Sewer Manhole Top of Rim = 1035.64' 8" Inv. In (S5) = 1027.98' 8" Inv. In (S7) = 1027.39' 8" Inv. Out = 1027.37'
S7	Sanitary Sewer Manhole Top of Rim = 1038.81' 8" Inv. In = 1030.32' 8" Inv. Out = 1030.31'
S8	Sanitary Sewer Manhole Top of Rim = 1026.58' 8" Inv. Out = 1017.79'
S9	Sanitary Sewer Manhole Top of Rim = 1024.76' 8" Inv. In (S8) = 1015.82' 8" Inv. In (S7) = 1018.99' 8" Inv. Out = 1015.81'
S10	Sanitary Sewer Manhole Top of Rim = 1028.67' Lat. Inv. In = 1023.13' 8" Inv. In = 1022.97' 8" Inv. In = 1022.80' 8" Inv. Out (S11) = 1022.43'
S11	Sanitary Sewer Manhole Top of Rim = 1012.31' Lat. Inv. In = 1006.40' 8" Inv. In (S10) = 1006.23' 8" Inv. In = 1006.07' 8" Inv. Out = 1005.99'
S12	Sanitary Sewer Manhole Top of Rim = 1014.29' 8" Inv. In (S10) = 1006.23' 8" Inv. Out = 1007.01'
S13	Sanitary Sewer Manhole Top of Rim = 1010.46' 8" Inv. In (S11) = 1004.35' 8" Inv. In (S12) = 1006.47' 8" Inv. Out = 1004.22'
S14	Sanitary Sewer Manhole Top of Rim = 1009.03' 8" Inv. In = 1003.02' 8" Inv. Out = 1002.88'
S15	Sanitary Sewer Manhole Top of Rim = 1008.62' 8" Inv. In (S13) = 1003.05' 8" Inv. In (S14) = 1000.97' 8" Inv. Out = 1000.98'
S16	Sanitary Sewer Manhole Top of Rim = 1007.86' 8" Inv. In (S15) = 1000.89' 8" Inv. In (S17) = 1000.95' 8" Inv. Out = 1000.60'
S17	Sanitary Sewer Manhole Top of Rim = 1014.06' 8" Inv. In = 1008.96' 8" Inv. Out = 1007.61'
S18	Sanitary Sewer Manhole Top of Rim = 1002.48' 8" Inv. In = 996.84' 8" Inv. Out = 996.71'

Storm Drainage Data:

D1	Curb Inlet Top of Rim = 1036.09' 15" Inv. Out = 1032.71'
D2	Catch Basin Top of Grate = 1035.68' 15" Inv. In = 1032.78' 15" Inv. In = 1031.05'
D3	Curb Inlet Top of Rim = 1035.90' 15" Inv. Out = 1032.80'
D4	Catch Basin Top of Grate = 1035.45' 15" Inv. In = 1032.94' 15" Inv. Out = 1032.56'
D5	Storm Drain Manhole Top of Rim = 1035.59' 15" Inv. In = 1029.22' 15" Inv. In = 1031.32' 15" Inv. Out = 1029.12'
D6	Catch Basin Top of Grate = 1025.71' 12" Inv. Out = 1022.68'
D7	Conc. Inlet Top of Box = 1027.17' 12" Inv. Out = 1023.07'
D8	Curb Inlet Top of Rim = 1023.66' 12" Inv. Out = 1020.45'
D9	Curb Inlet Top of Rim = 1024.09' 12" Inv. Out = 1021.39'
D10	Storm Drain Manhole Top of Rim = 1024.89' 12" Inv. In = 1021.10' 18" Inv. In = 1019.89' 18" Inv. Out = 1019.34'
D11	Storm Drain Manhole Top of Rim = 1024.19' 12" Inv. In = 1019.54' 12" Inv. In = 1019.67' 18" Inv. In = 1017.16' 18" Inv. Out = 1017.17'
D12	Storm Drain Manhole Top of Rim = 1022.42' 18" Inv. In = 1015.25' 18" Inv. Out = 1015.08'
D13	Curb Inlet Top of Rim = 995.05' 12" Inv. Out = 992.85'
D14	Curb Inlet Top of Rim = 1015.91' 12" Inv. Out = 1013.16'
D15	Curb Inlet Top of Rim = 1014.06' 12" Inv. Out = 1011.35'
D16	Storm Drain Manhole Top of Rim = 1013.82' 15" Inv. In = 1008.18' 15" Inv. Out = 1008.04'
D17	Curb Inlet Top of Rim = 1013.20' Inv. Out = Full of Debris
D18	Curb Inlet Top of Rim = 1007.52' 12" Inv. Out = 1004.82'
D19	Storm Drain Manhole Top of Rim = 1007.89' 18" Inv. In = 1002.89' 18" Inv. Out = 1002.84'
D20	Curb Inlet Top of Rim = 1007.01' 18" Inv. Flow = 1002.79'
D21	Curb Inlet Top of Rim = 1008.68' 12" Inv. Out = 1005.99'
D22	Curb Inlet Top of Rim = 1027.02' 12" Inv. Out = 1024.28'
D23	Storm Drain Manhole Top of Rim = 1009.57' 15" Inv. In = 1004.99' 18" Inv. Out = 1004.96'
D24	Storm Drain Manhole Top of Rim = 1002.99' 18" Inv. In = 998.69' 18" Inv. Out = 998.44'
D25	Curb Inlet Top of Rim = 1035.88' 15" Inv. Out = 1032.58'

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

SYRACUSE AVENUE WATERLINE REPLACEMENT DETAILS

WESTERN VIRGINIA WATER AUTHORITY

Issue Date: **JUNE 8, 2018**

Drawn By: DBL/ARB

Designed By: DBL

Checked By: BCC

Date: 06/08/18

Vertical Scale: N/A

Horizontal Scale: N/A

Commission Number: 3813

Sheet No.: 19