PROJECT MANAGER Scott Woodrum, P.E. 540-375-3580

DESIGN SUPERVISED BY Michael Hoosbangl. PE 571-633-2225

SURVEYED BY Woolpert Inc. and Rice Associates

DESIGNED BY STV_Incorporated_571-633-2220

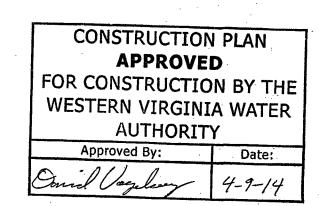
ul65950l8(8).dgn Plotted By: keenan By Resolution of Commonwealth Transportation LIMITED ACCESS HIGHWAY

By Resolution of Highway Commission

LIMITED ACCESS HIGHWAY

doted October 4, 1956

LIMITED ACCESS HIGHWAY ·Board dated January 1, 1987



STATE ROUTE 0581-128-109, PE-101 RW-201, C-501, B-627 DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC

. PIER REQUIRED WHEN STORM DRAIN OR OTHER PIPES CROSSES OVER THE OTHER UTILITY WITH A

MAY BE SUBJECT TO CHANGE AS DEEMED

NECESSARY BY THE DEPARTMENT

VERTICAL CLEARANCE OF LESS THAN 18".

. CONCRETE TO BE READY MIX, CLASS A3.

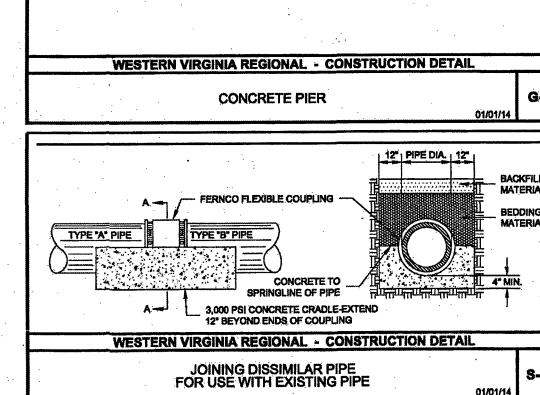
ANDERSON & ASSOCIATES BLACKSBURG, VIRGINIA (UTILITY)

ALL METERS ARE TO BE PROVIDED AND INSTALLED BY PARTICIPATING UTILITY AT OWNER/DEVELOPER'S EXPENSE. METER BOX, SERVICE, AND SETTER TO BE FURNISHED AND INSTALLED BY OWNER/DEVELOPER IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS SHOWN BELOW. SADDLES MUST BE USED WITH ALL PLASTIC & DUCTILE IRON PIPE. SERVICE SADDLES SHALL BE USED IN ACCORDANCE WITH WATER DISTRIBUTION PIPING SPECIFICATION. SERVICE SADDLES FOR PLASTIC PIPE SHAL IE: POWERSEAL 3417, OR 3412AS, ROMAC 2025, OR 306, OR FORD METER FS202 OR FS303. FOR DUCTILE IRON PIPE USE THE ABOVE OR POWERSEAL 3413, ROMAC 202 OR FORD METER F202, CORPORATION STOP SHALL BE FORD F1000-4-G, MUELLER H-15000 OR APPROVED EQUAL METER BOXES LOCATED IN AREAS SUBJECT TO VEHICULAR TRAFFIC SHALL BE CONCRETE WITH H-20 RATED TRAFFIC BEARING HATCH: ALL OTHER METER BOXES SHALL BE CARSON/MID-STATES PLASTICS, INC. PLASTIC BOX, ADS CORRUGATED HDPE BOX, OR APPROVED EQUAL. MINIMUM METER BOX & LID DIAMETERS SHALL BE IN ACCORDANCE WITH SIZING CHART BELOW.
SERVICE SHALL BE "K" TYPE COPPER OR P.E. 4710 ,CTS O.D., MINIMUM CELL CLASS 445474E AND 445474D.
COPPER METER SETTER TO BE FORD, A.Y. MCDONALD OR APPROVED EQUAL WITH ANGLE DUAL CHECK VALVE AND BYPASS HAVING LOCKABLE SHUTOFF VALVE. SERVICES REQUIRING METERS LARGER THAN 2-INCH SHALL BE REVIEWED BY THE PARTICIPATING UTILITY ON A CASE BY CASE BASIS.

TRAFFIC BEARING LOCATION

NON TRAFFIC BEARING LOCATION

SIZING CHART UP TRAFFIC BEARING VAULT AND H-20 RATED HATCH SHALL METER BOX DIA. LID DIA. COVER & LID MODEL SIZE (MIN.) (MIN.) (OR APPROVED EQU BE SIZED IN ACCORDANCE WITH DIMENSIONAL REQUIREMENTS SHOWN BELOW. 112 AY MCDONALD 74M32A* FORD MC-24-T OR 5/8" 18" ANGLE DUAL CHECK VALVE -3/4"- 1" 24" 20" AY MCDONALD 74M24 FORD MC-30-T OR BRONZE DISK METER -1 1/2"-2" 30" 20" AY MCDONALD 74M30 T LOCKABLE SHUTOFF 5.3.5.4.5.6.4.5.6.4.5.6.4.6. BRONZE DISK METER -SHUTOFF - SEE NOTE 5 HATCH SHALL BE BILCO - SEE NOTES 2 & 3 MODEL J-3ALH20 (30'X2'6") OR - SEE NOTES 2 & 3 ANGLE DUAL CHECK VALVE MIN. 6" STONE

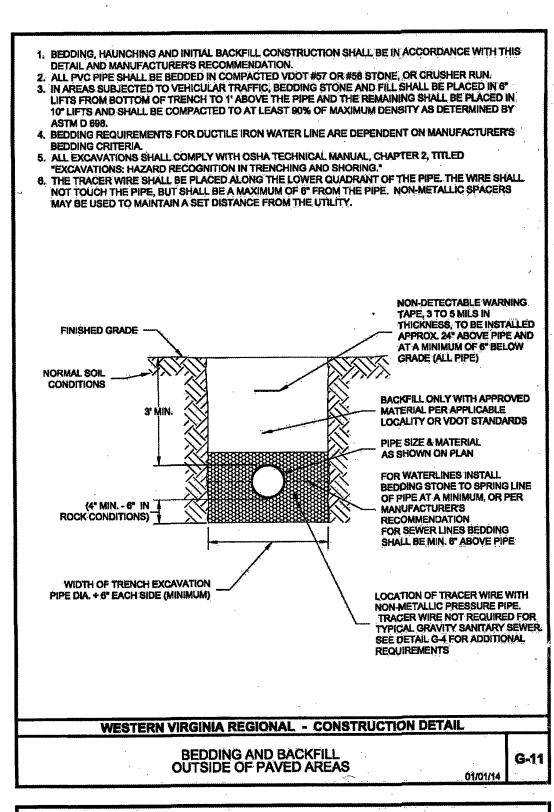


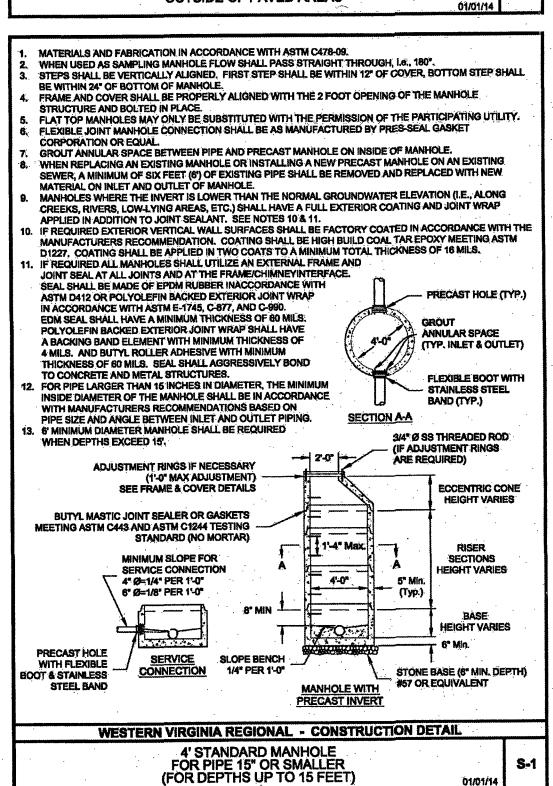
encasement pipe with carrier pi E, METAL STRUPS AND CLPS HOLDING BLOCKING TO CANNER PIPE SHALL RE STANKESS STEEL WITH A LINAMUM CROSS SECTION OF GOTH SO. IN. STRUP SPACING SHALL BE A MINIMUM OF TWO (2) BANDS PER SKID LENGTH. 3. STEEL ENCASEMENT PIPE SHALL BE CRADE 9 MID SHALL CONFORM TO SECTION 232.02 (C)3 OF THE SPECIFICATIONS OR AS SPECIFED 4. CARRIER PIPE SHALL BE PUSHED OR PULLED THROUGH THE ENCASCISENT PIPE SO THAT JOINTS ARE ALWAYS BEING S. CARRIER PIPE SHALL SE WRAPPED WITH TAR PAPER AT MASCHEY PLUG. & MASONRY PLUG SHALL SE WATERTIGHT. 7. CONCRETE PIPE FOR H-20 LIVE LOAD AS PER STAROARD PC-1. 8. ENCASEMENT PIPE SHALL SE BEDOED IN ACCORDANCE WITH STANDARD PS-L CONCRETE OR STEEL ENCASEMENT PIPE

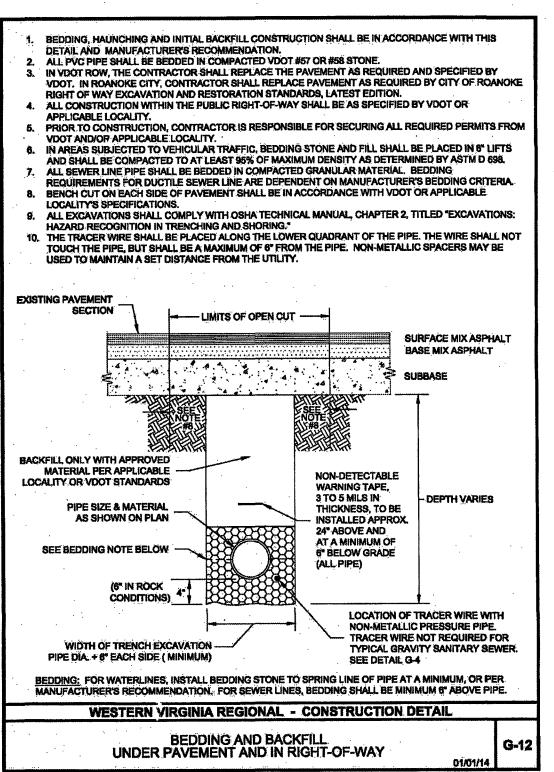
CORPORATION

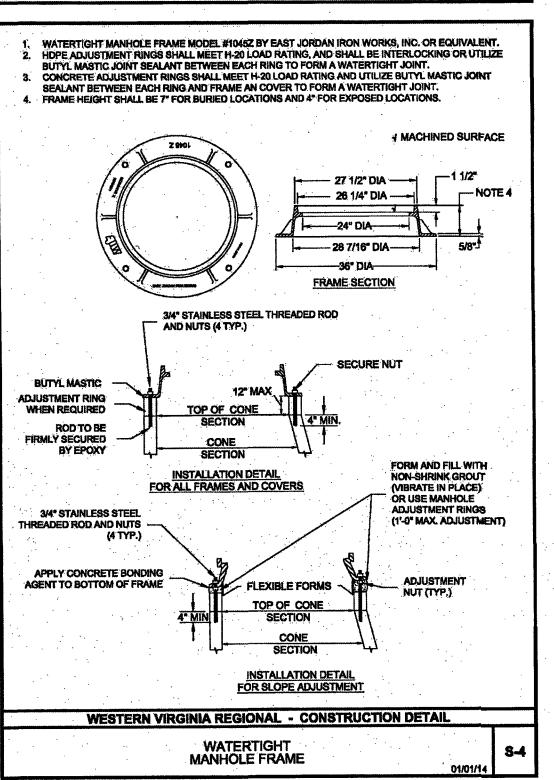
SCALE: NOT TO SCALE

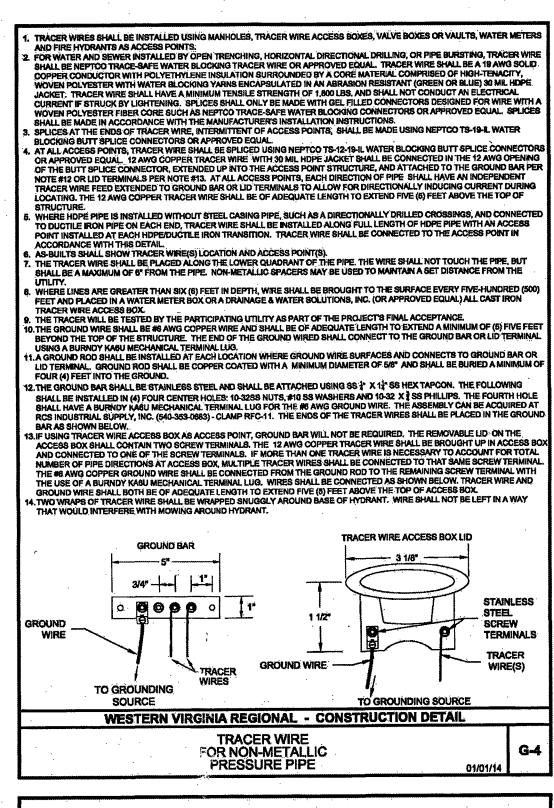
SHEET NO.

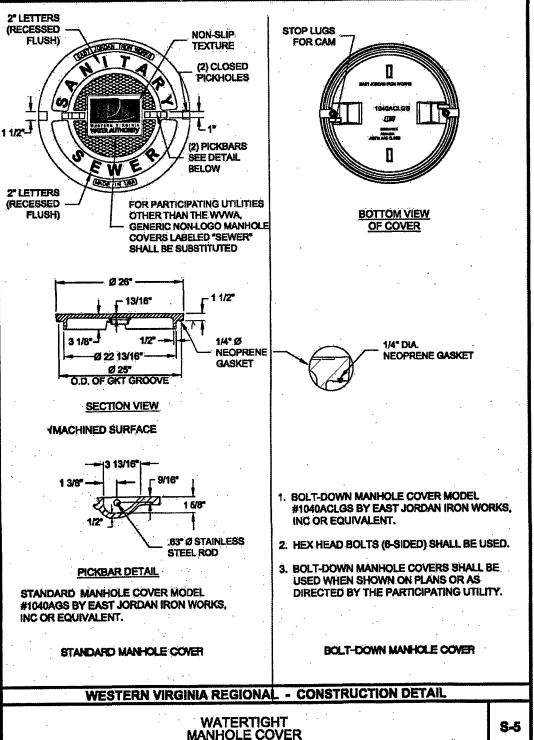


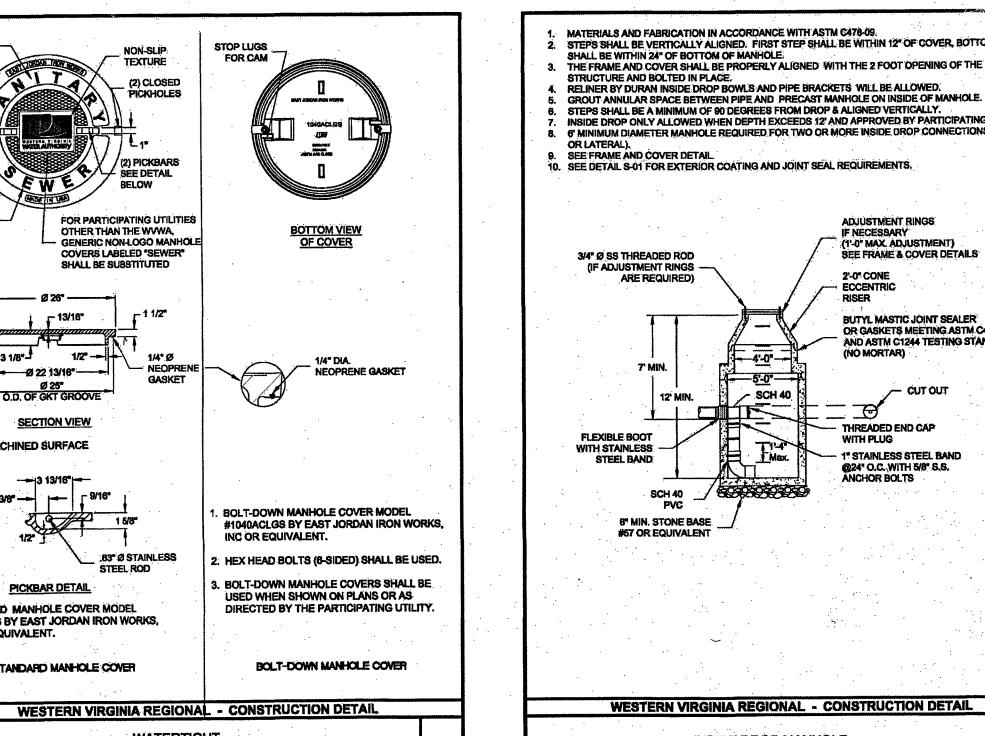


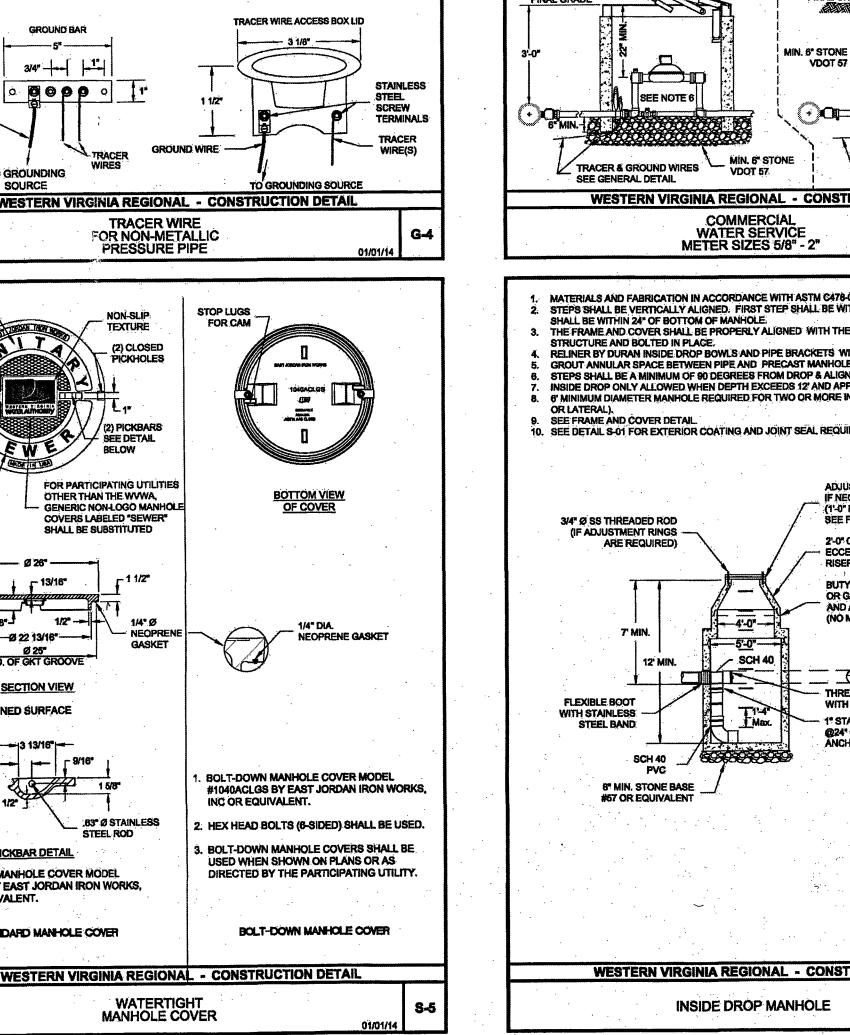


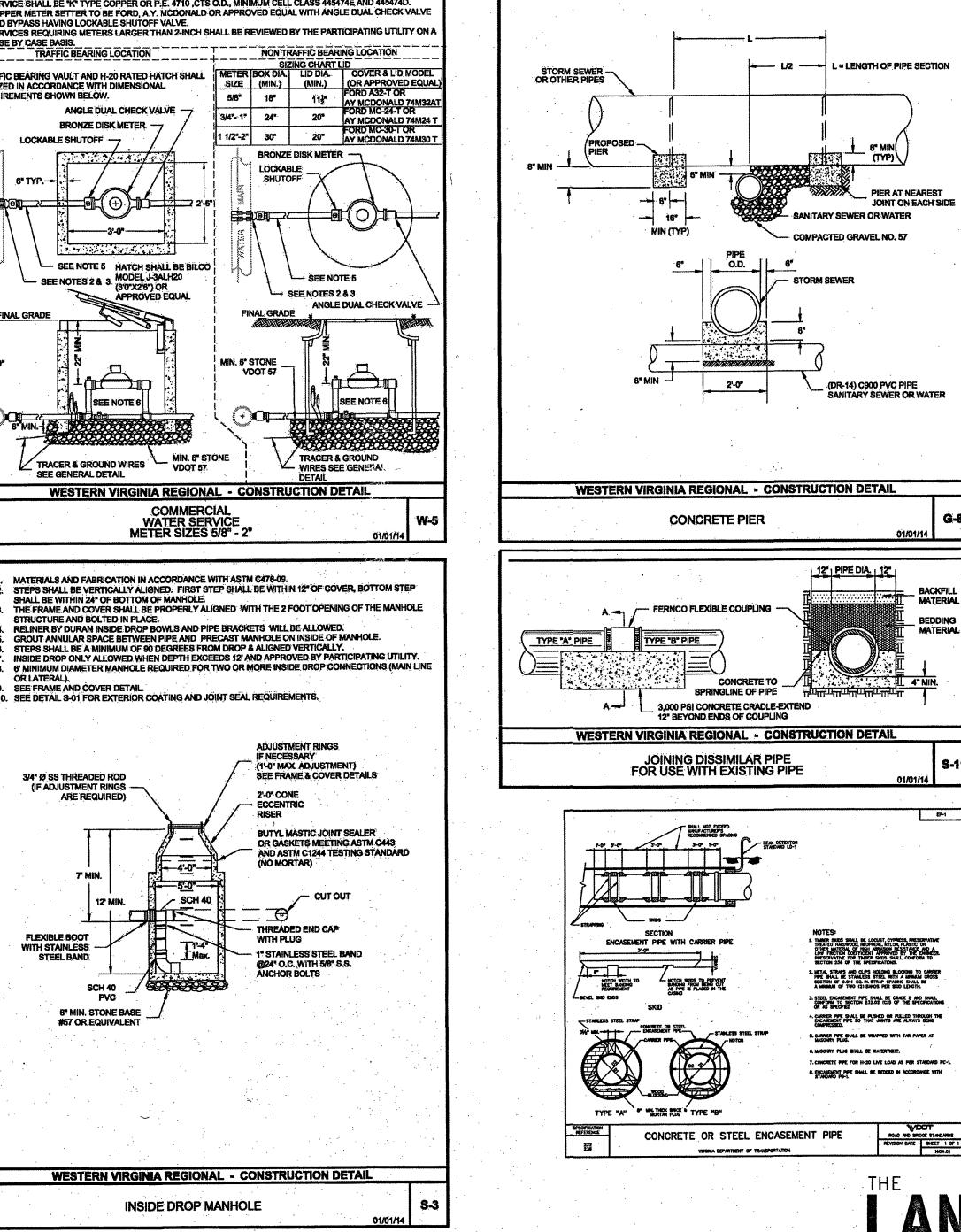












0581-128-109