

GENERAL SITE NOTES:

1. G.C. TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION OF PROPOSED IMPROVEMENTS.
2. NO CONSTRUCTION/FIELD CHANGES WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER, ROANOKE COUNTY, VDOT, AND/OR WWA.
3. ANY NEW ALIGNMENTS, CHANGES IN GRADES, ALTERNATIVE PIPE SIZE OR MANHOLES OR ESC MEASURES WILL REQUIRE A NEW SET OF PLANS STAMPED BY THE CONSULTING ENGINEER. PLAN SHEETS CAN BE 8.5"x11" IF THE INFORMATION IS LEGIBLE.
4. G.C. SHALL OBTAIN A LAND USE PERMIT FROM VDOT PRIOR TO ANY CONSTRUCTION.
5. ANY PAVEMENT DISTURBED OR DESTROYED DURING THE CONSTRUCTION PROCESS SHALL BE REPAIRED/REPLACED AS NECESSARY TO PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE DEVELOPER.
6. G.C. SHALL SUBMIT A TRAFFIC CONTROL PLAN TO VDOT PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY AS REQUIRED.
7. THE G.C. SHALL SAW CUT & TACK COAT THE EDGE OF THE PROPOSED ASPHALT CUT IN GREEN TREE LANE AND NORTH LAKES DRIVE.
8. THE TOTAL DISTURBED AREA FOR THE PROJECT IS 2,175 S.F., THEREFORE STORMWATER MANAGEMENT AND EROSION CONTROL MEASURES ARE NOT REQUIRED FOR THIS PROJECT.
9. THE GENERAL CONTRACTOR SHALL CONTACT THE DESIGNATED WESTERN VIRGINIA WATER AUTHORITY INSPECTOR AT (540) 537-3460 PRIOR TO BEGINNING ANY SANITARY SEWER CONSTRUCTION WORK. A PRE-CONSTRUCTION MEETING SHALL TAKE PLACE PRIOR TO THE START OF CONSTRUCTION.

SITE CONSTRUCTION PLAN GENERAL NOTES

ALL MATERIALS AND CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH CURRENT VDOT STANDARDS AND SPECIFICATIONS.

THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL POINTS OF CONNECTION OR PROPOSED WORK TO EXISTING CURBS, SANITARY LINES, WATER LINES, ETC., PRIOR TO CONSTRUCTION. CONTACT THE CONSULTING ENGINEER IF ANY DISCREPANCIES ARE FOUND.

UPON THE DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUBGRADES, OR OTHER ROADWAY CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL IMMEDIATELY CONTACT A GEOTECHNICAL ENGINEER AND/OR VDOT. THESE AREAS SHALL BE EXCAVATED BELOW PLAN GRADE AS DIRECTED BY THE GEOTECHNICAL ENGINEER, BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN ACCORDANCE WITH CURRENT VDOT SPECIFICATIONS.

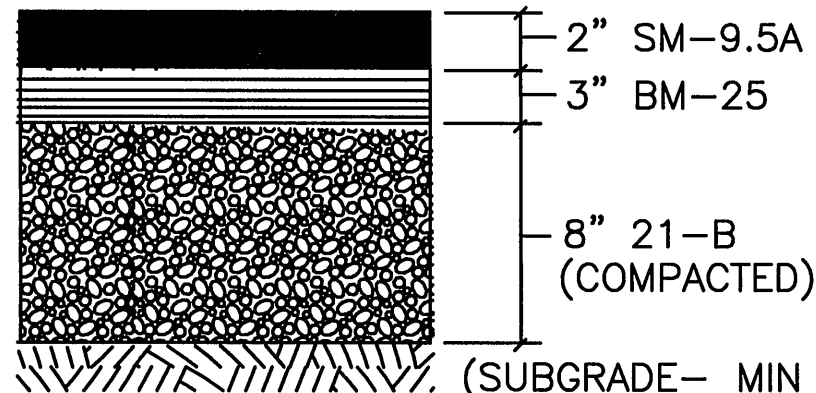
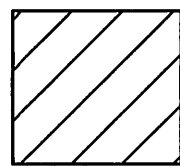
CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAN. IF THERE APPEARS TO BE A CONFLICT, AND/OR UPON DISCOVERY OF ANY UTILITY SHOWN ON THIS PLAN, CALL MISS UTILITY OF CENTRAL VIRGINIA AT 1-800-552-7001. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITY WITHIN EXISTING AND/OR PROPOSED RIGHT-OF-WAY REQUIRED BY THE DEVELOPMENT.

THE INSTALLATION OF SEWER, WATER, AND GAS MAINS (INCLUDING SERVICE LATERALS AND/OR SLEEVES) SHALL BE COMPLETED PRIOR TO PLACEMENT OF AGGREGATE BASE COURSE.

A PRIME COAT SEAL BETWEEN THE AGGREGATE BASE AND BITUMINOUS CONCRETE WILL BE REQUIRED AT A RATE OF 0.30 GALLONS PER SQUARE YARD (REC-250 PRIME COAT) PER VDOT STANDARDS AND SPECIFICATIONS.

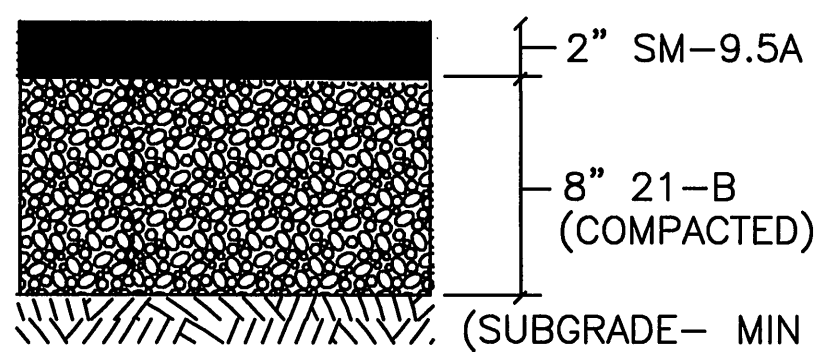
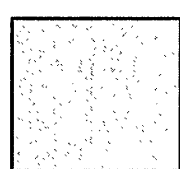
THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECAST WEATHER CONDITIONS PER SECTION 315 OF THE VDOT ROAD AND BRIDGE SPECIFICATIONS (LATEST EDITION).

PAVEMENT KEY



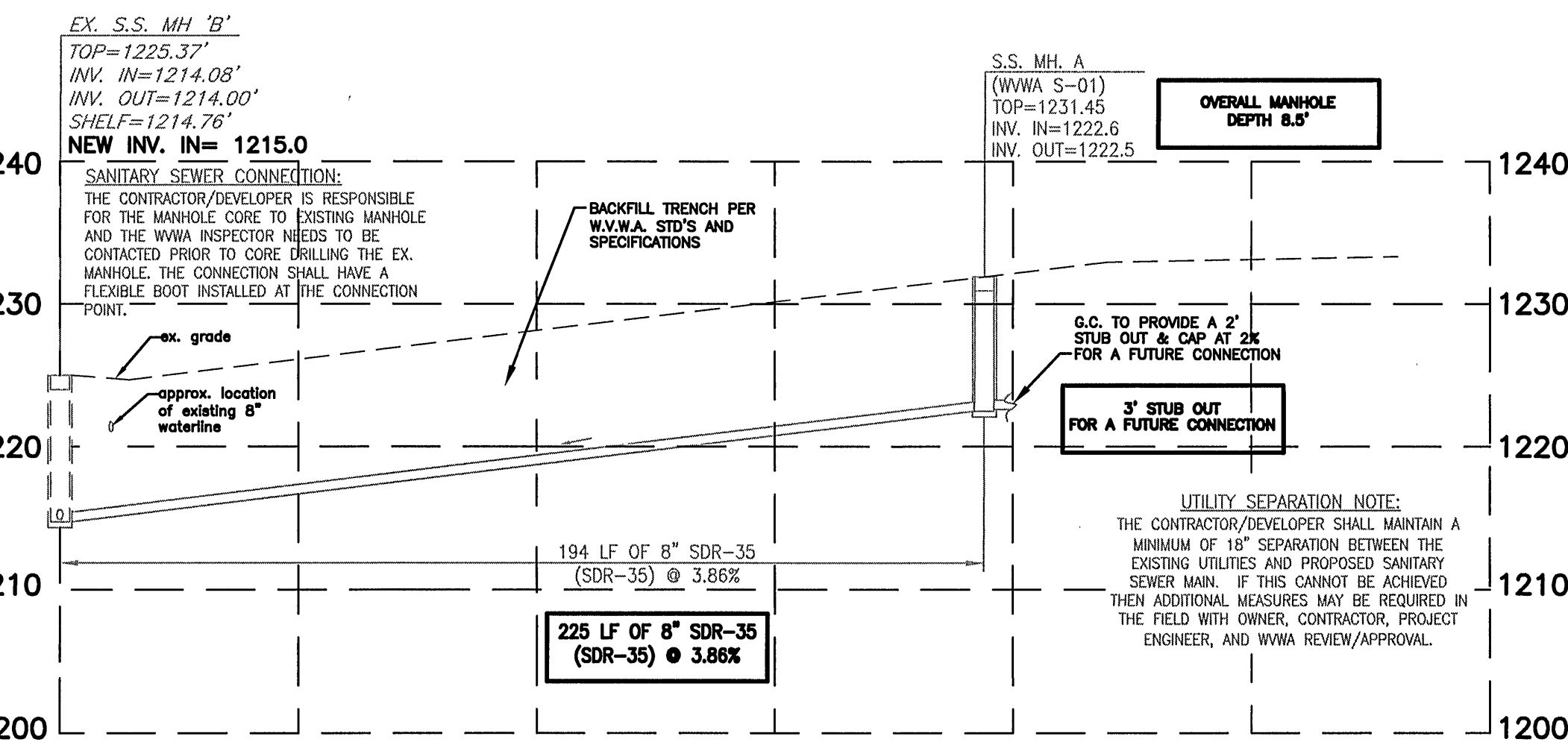
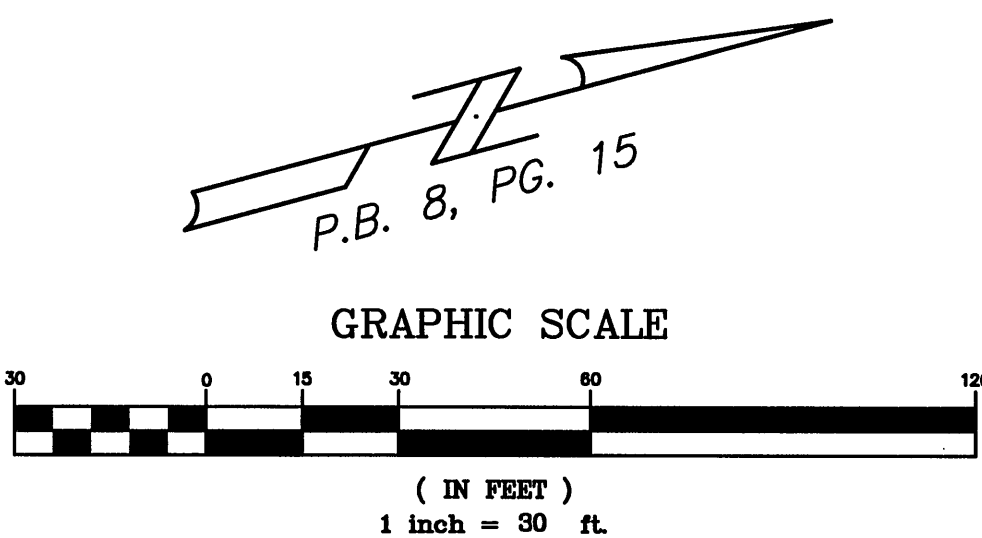
NORTH LAKES DR. PAVEMENT SECTION

NO SCALE



GREEN TREE LANE PAVEMENT SECTION

NO SCALE



SANITARY SEWER PROFILE

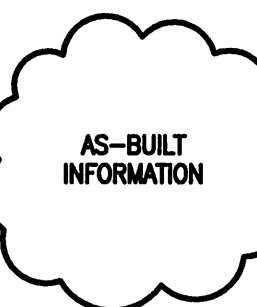
1"=30' HORIZONTAL
1"=10' VERTICAL
NOTE: G.C. TO PROVIDE NECESSARY TRENCH BOXES FOR CONSTRUCTION AND COMPLY WITH ALL OSHA STANDARDS AND PROCEDURES

G.C. TO VERIFY/POTHOLE ALL EXISTING
UTILITY CROSSINGS PRIOR TO ANY
SANITARY SEWER CONSTRUCTION ON-SITE
& NOTIFY OWNER/ENGINEER IMMEDIATELY
OF ANY CONFLICTS

LINE TABLE		
LINE	BEARING	LENGTH
L1	S15°19'00"W	15.04'
L2	N15°19'00"E	15.78'

CURVE TABLE						
CURVE #	LENGTH	RADIUS	TANGENT	CHORD BEARING	CHORD	DELTA
C1	78.28'	440.00'	39.25'	N58°02'50"W	78.18'	10°11'37"
C2	34.24'	25.00'	20.41'	N23°54'49"W	31.62'	78°27'39"
C3	38.90'	25.00'	24.63'	S59°53'12"W	35.09'	89°08'23"
C4	77.92'	440.00'	39.06'	N80°37'01"W	77.82'	10°08'48"
C5	23.57'	50.00'	12.01'	N31°10'40"W	23.35'	27°00'40"
C6	74.95'	50.00'	46.53'	N25°23'05"E	68.12'	85°52'57"
C7	75.18'	50.00'	46.74'	S05°15'55"W	68.29'	86°08'41"
C8	23.55'	50.00'	12.00'	S61°49'39"W	23.33'	26°50'52"

AS-BUILT LEGEND:



AS-BUILT SANITARY SEWER MANHOLE AND MIN. F.F. ELEVATION

LINE	BEARING	DISTANCE
exist. to 'A'	N. 15° 19' 00" E.	194'

LOT	DOWNSTREAM MANHOLE	DIST.	DISTANCE FROM MAIN TO C.O.
1	EX. B	217'	21'
2	EX. B	140'	44.5'
9	EX. B	142'	27.5'
10	EX. B	219'	51.5'

SANITARY SEWER MANHOLE AND MIN. F.F. ELEVATION

LINE	BEARING	DISTANCE
exist. to 'A'	N. 15° 19' 00" E.	194'

LOT	DOWNSTREAM MANHOLE	DIST.	TOP OF S.S. MAIN	MIN. F.F. ELEVATION	APPROX. F.F. ELEV.
1	A	0'	1223.2	1226.2	1234
2	A	0'	1223.2	1226.2	1232
9	A	0'	1223.2	1226.2	1227(LL.)
10	A	0'	1223.2	1226.2	1227(LL.)