GENERAL NOTES

1. FEBRUARY 1, 2001 EDITION OF ROAD AND BRIDGE SPECIFICATIONS AND FEBRUARY 1, 2001 EDITION OF THE ROAD DESIGNS AND STANDARDS OF THE VIRGINIA DEPARTMENT OF HIGHWAYS SHALL GOVERN THE FOLLOWING:
   A. POURING, CURING, FORMS, WORKMANSHIP, ETC. OF ALL CONCRETE USED ON THIS PROJECT.
   B. STABILIZED BASE COURSE MATERIAL.
   C. MATERIALS AND INSTALLATION OF ALL PIPE CULVERTS.
2. THE VDOT APPROVAL OF THESE PLANS WILL EXPIRE THREE (3) YEARS FROM DATE OF APPROVAL.
3. OWNER WILL FURNISH SURVEY CONTROL OFF SET HUBS FOR ALL ROADS AND EASEMENTS FOR ALIGNMENT AND GRADE. ROADS WILL BE STAKED ON ONLY ONE SIDE. REPLACEMENT OF THESE HUBS AND ANY OTHER STAKING WILL BE DONE BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR SHALL INSPECT THE CONTROL STAKING MENTIONED ABOVE AND VERIFY BEFORE CONSTRUCTION.
4. ALL GRADE STAKES DESTROYED BY THE CONTRACTOR, SHALL BE REPLACED AT HIS EXPENSE.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE THE EXISTING RIGHT OF WAY STONES. ANY MARKERS DAMAGED SHALL BE REPLACED AT HIS EXPENSE.
6. CLEARING AND GRUBBING SHALL BE COMPLETE WITHIN THE RIGHT OF WAYS AS INDICATED ON LAYOUT PLAN.
7. ALL DRAINAGE EASEMENTS TO BE CLEARED, GRUBBED, AND GRADED TO CONTAIN WATER FROM PIPE CULVERTS AND TO EXTEND TO A NATURAL WATERCOURSE.
8. EXCESS EXCAVATION TO BE DISPOSED OF AS DIRECTED BY THE ENGINEER.
9. ALL FILLETS AT INTERSECTIONS TO HAVE 35' RADII UNLESS OTHERWISE NOTED.
10. GRADE LINES ON PROFILES DENOTE FINISHED GRADE OF CENTER LINE OF ROAD.
11. BASE MUST BE APPROVED BY VDOT FOR DEPTH, TEMPLATE, AND COMPACTION BEFORE SURFACE TREATMENT IS APPLIED.
12. SLOPE EASEMENTS FOR FILL SLOPES ARE REQUIRED WHERE SLOPES EXCEED PROPOSED RIGHT-OF-WAY LIMITS SHOWN.
13. PERMIT TO TIE INTO EXISTING ROADS, SHALL BE OBTAINED FROM RESIDENT ENGINEER PRIOR TO ROAD CONSTRUCTION.
14. ALL UTILITIES TO BE IN PLACE PRIOR TO LAYING BASE MATERIAL.
15. NO STRUCTURE SHALL BE CONSTRUCTED ON STATE MAINATAINED RIGHTS OF WAY UNLESS SAID STRUCTURES ARE SHOWN ON ROAD CONSTRUCTION PLANS APPROVED BY VDOT OR SUCH STRUCTURES ARE COVERED BY A VDOT LAND USE PERMIT (OR BY A LETTER OF INTENT FROM THE RESIDENT ENGINEER TO ISSUE SAID PERMIT AT THE TIME OF STATE ACCEPTANCE).

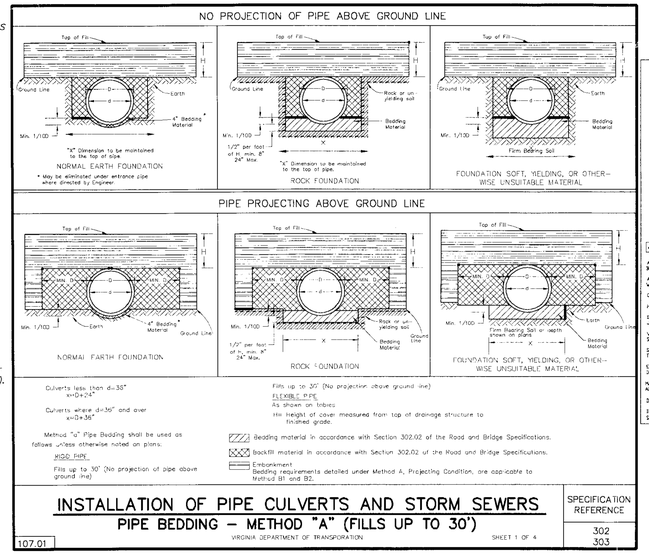
SEWER AND WATER NOTES

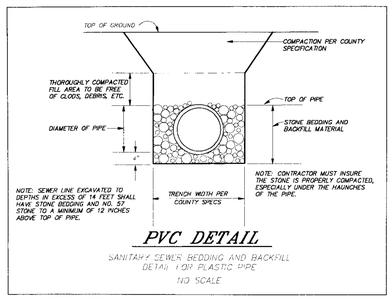
1. ALL MATERIALS FOR SEWER AND WATER SYSTEMS SHOWN SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST APPLICABLE SPECIFICATION OF PRINCE GEORGE COUNTY.
2. ALL WORK SHALL BE SUBJECT TO INSPECTION BY UTILITY DEPARTMENT OFFICIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF APPROPRIATE COUNTY OFFICIALS 48 HOURS PRIOR TO START OF WORK.
3. MINIMUM CLEAR COVER FOR ALL WATER PIPE SHALL BE 3.5 FEET.
4. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY HIGHWAY PERMITS AND SEND A COPY TO THE COUNTY PRIOR TO START OF CONSTRUCTION.
5. ANY LOT WITH LESS THAN 50 FEET OF FRONTAGE SHALL HAVE FRONT CORNERS OR END OF 6" CONNECTION STAKED PRIOR TO CONSTRUCTION OF A 6" SEWER SERVICE.
6. SEWER PIPE SHALL BE PVC. ALL SEWER JOINTS SHALL BE CLASS A. BEDDING SHALL BE CLASS B MINIMUM; BEDDING SHALL BE AS SHOWN IN DETAIL ON SHEET 2.
7. SEWER GRADES ARE BASED ON U.S.C. AND G. S. DATUM.
8. CONTRACTOR SHALL INSTALL 6" SEWER SERVICE CONNECTIONS TO ALL LOTS (R/W LINE OR EDGE OF EASEMENT) AS SHOWN.
9. ALL WATER SERVICES ARE TO BE COPPER, TYPE K, DRAWN TUBING.
10. THE CONTRACTOR WILL INSTALL ALL WATER CONNECTIONS AND METER BOXES.
11. FIRE HYDRANT PUMPER CONNECTIONS SHALL FACE IN THE DIRECTION OF THE ARROW.
12. THE EXACT MANHOLE TOP SHALL BE ON THE SAME GRADE AS THE FINISHED ROAD GRADE AND AS NOTED ON SEWER CUT SHEETS.
13. BACKFILL FOR ALL UTILITIES WITHIN PROPOSED SUBDIVISION STREETS SHALL BE PLACED GENERALLY IN ACCORDANCE WITH PRINCE GEORGE COUNTY SPECIFICATIONS, AND THE FOLLOWING CRITERIA: (1.) NO TRENCH SHALL BE BACKFILLED UNTIL AUTHORIZED BY THE COUNTY. MATERIALS USED FOR BACKFILL FROM THE BOTTOM OF THE TRENCH TO 12" (TWELVE INCHES) ABOVE THE PIPE SHALL BE SELECT MATERIAL, FREE FROM FROST, LARGE CLODS, STONES AND DEBRIS, AND SHALL BE THOROUGHLY AND CAREFULLY COMPACTED. 2. BACKFILL SHALL BE COMPACTED BY MECHANICAL TAMPING THROUGHOUT THE DEPTH OF THE TRENCH TO INSURE A SUITABLE SUBBASE, ACCEPTABLE TO THE ROAD ENGINEER. IF THE MATERIAL IS TAKEN FROM THE DITCH IS NOT SUITABLE FOR BACKFILLING IT SHALL BE REMOVED AND ACCEPTABLE MATERIAL USED FOR BACKFILLING THE TRENCH.
14. THE ENGINEER WILL CERTIFY THAT THE ROADS ARE WITHIN 6" OF SUBGRADE BEFORE WATERLINE CONSTRUCTION CAN BEGIN.
15. FOR SEWER AND WATER INSTALLATION WITHIN EXISTING VDOT R/W, UTILITY CONTRACTORS MUST NOTIFY VDOT WHEN INSTALLATION BEGINS SO THAT DENSITY CAN BE TESTED (95% @ OPTIMUM MOISTURE +2O%).
16. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON THE PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY, IF: LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON THE PLAN, OR IF: THERE APPEARS TO BE A CONFLICT, AND UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THE PLAN. TO MISS THE UTILITY CALL "MISS UTILITY" OF CENTRAL VIRGINIA: 1-800-552-7001 (TOLL FREE).
17. THE INSTALLATION OF BACK FLOW DEVICE IS REQUIRED IN ALL HOUSES WHERE THE FINISHED FLOOR ELEVATION IS LOWER THAN UPGRADE MANHOLES. THIS DEVICE WILL BE INSPECTED BY THE COUNTY BUILDING INSPECTOR.
18. INDIVIDUAL WATER SERVICES TO BE 3/4".
19. ALL WATERLINE VALVES MUST BE LOCATED ON THE TEE OR CROSS WHEN APPLICABLE.
20. ALL MANHOLES IN UTILITY EASEMENTS ARE TO HAVE THE CONCRETE SECTION EXTENDED ONE FOOT ABOVE THE GROUND.
21. A SMOOTH TRANSITION OF DROP MANHOLE MUST BE PROVIDED FOR EACH LATERAL OR SANITARY SEWER ENTERING A SANITARY MANHOLE.
22. ALL FIRE HYDRANTS SHALL BE O.S.H.A. RED IN COLOR.
23. METER BOXES PROVIDED SHALL BE CAST IRON 12"x18"x24" HIGH WITH CAST IRON LIDS. THE METER ASSEMBLIES ARE TO BE SUPPLIED WITH NEPTUNE PROREAD ARB SYSTEMS ATTACHED TO THE LID. METERS ARE TO BE COMPATIBLE WITH THE PROPOSED SYSTEM. A WAND TYPE VISUAL READER COMPATIBLE WITH ARB SYSTEM WILL BE SUPPLIED TO THE UTILITY DEPARTMENT WITH THE WATER METERS.
24. FIRE HYDRANTS ARE TO BE MUELLER TYPE BE INSTALLED USING TEES.
25. ALL SANITARY LATERALS THAT ARE LOCATED OUTSIDE OF THE RIGHT OF WAY ARE TO HAVE THE CLEANOUT INSTALLED TO THE EDGE OF THE EASEMENT. A CARSONITE MARKER SHALL ALSO BE INSTALLED TO INDICATE THEIR LOCATION.
26. ALL HYDRANTS SHALL BE EQUIPPED WITH A MUELLER HYDRANT DEFENDER, SECURING THE OPERATING NUT AND IT SHALL BE SUPPLIED WITH 4 CODED KEYS THAT WILL WORK WITH THEALL NOZZLE CAPS. THE CODED LOCK/KEY COMBINATION. KEYS SHALL BE SENT DIRECTLY TO THE COUNTY ENGINEER AT PRINCE GEORGE COUNTY.
27. ALL HYDRANTS AND BENDS SHALL BE EQUIPPED WITH MEGA LUGS.
28. ALL MANHOLES SHALL BE SEALED AT THE JOINTS WITH AN EXTERNAL RUBBER SLEEVE SIMILAR TO THE INFI-SHIELD SEAL WRAP AS MANUFACTURED BY SEALING SYSTEMS, INC. THE SEAL SHALL BE MADE OF EPDM (ETHYLENE PROPYLENE DIENE MONOMER) RUBBER WITH A MINIMUM THICKNESS OF 65 MILS. EACH UNIT SHALL HAVE A 2-INCH WIDE MASTIC STRIP ON THE TOP AND BOTTOM EDGE OF THE RUBBER WRAP. THE MASTIC SHALL BE NON-HARDENING BUTYL RUBBER SEALANT, WITH A MINIMUM THICKNESS OF 125 MILS.
29. ALL GRAVITY SEWER LINES SHALL HAVE FILTER FABRIC INSTALLED ON TOP OF THE STONE OR PIPE AS REQUIRED.
30. ALL INDIVIDUAL GRINDER PUMPS SHALL BE EONE PUMPS OF LIKE TYPE AND HORSEPOWER. PUMPS MUST BE CAPABLE OF A MINIMUM OF 11GPM AT 150' OF HEAD.

CERTIFICATION

I, WE HEREBY CERTIFY THAT THE LOT LINES, LOT NUMBERS, BLOCK NUMBERS AND THE STREET NAMES SHOWN ON THESE PLANS ARE IDENTICAL TO THOSE SHOWN ON THE OFFICIAL RECORDED PLAT, AND NO CHANGES WILL BE MADE WITHOUT PRIOR APPROVAL FROM THE UTILITY DEPARTMENT. IF ANY CHANGES ARE APPROVED, REVISED WATER AND/OR SEWER PLANS WILL BE SUBMITTED WITHIN 48 HOURS AFTER APPROVAL.

ENGINEER

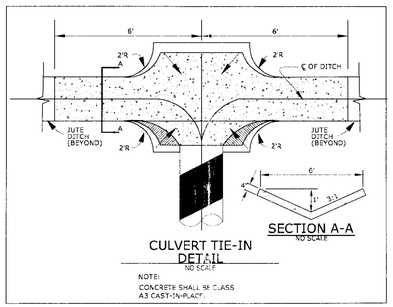




PVC DETAIL

SANITARY SEWER BEDDING AND BACKFILL DETAIL FOR PLASTIC PIPE

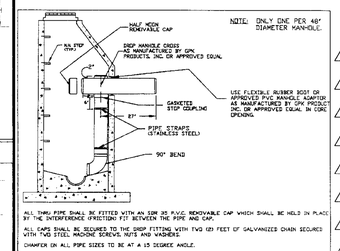
NO SCALE



CULVERT TIE-IN DETAIL

NO SCALE

NOTE:
CONCRETE SHALL BE CLASS A3 CAST-IN-PLACE.



NOTE: ONLY ONE PER 48" DIAMETER MANHOLE.

USE FLEXIBLE RUBBER BOOT OR APPROVED PVC RAMGLE ADAPTOR AS MANUFACTURED BY GPK PRODUCTS INC OR APPROVED EQUAL IN CORE OPENING.

ALL DROP PIPE SHALL BE FITTED WITH AN SDR 35 P.V.C. REMOVABLE CAP WHICH SHALL BE HELD IN PLACE BY THE INTERFERENCE FRICTION FIT BETWEEN THE PIPE AND CAP.

ALL CAPS SHALL BE SECURED TO THE DROP FITTING WITH TWO (2) FEET OF GALVANIZED CHAIN SECURED WITH TWO STEEL MACHINE SCREWS, NUTS AND WASHERS.

CHAMFER ON ALL PIPE SIZES TO BE AT A 15 DEGREE ANGLE.

HEIGHT OF VERTICAL STACK WILL BE DETERMINED BY ENGINEER, BUT WILL NOT BE LESS THAN TWO FEET.

DROP STACK TO BE 4" OR 6" SDR 35 P.V.C. PIPE CONNECTED TO DROP FITTING WITH STANDARD GASKETED JOINT.

VERTICAL STACK WILL BE STRAPPED TO MANHOLE AT PIPE JOINTS. STRAPS SHALL BE MADE OF STAINLESS STEEL OR APPROVED MATERIAL NONCORROSIVE TO SEWER GASES.

SHAPE INVERT AS NEEDED TO PROVIDE SMOOTH TRANSITION FROM DROP CONNECTION DISCHARGE POINT TO SPRING LINE OF MANHOLE INVERT.

ELBOW AT BOTTOM OF THE STACK WILL BE A 90 DEGREE BEND POSITIONED IN THE DIRECTION OF THE FLOW IN MANHOLE WITH BENCH CONSTRUCTED TO CONFORM TO MANHOLE BENCH.

MANHOLE OPENING TO BE CORED AS DESCRIBED IN PART III AND PART IV OF THE LATEST COUNTY WATER AND SEWER SPECIFICATIONS.

DROP STACK SHALL NOT BE INSTALLED WITHIN 60 DEGREES OF THE ACCESS STEPS.

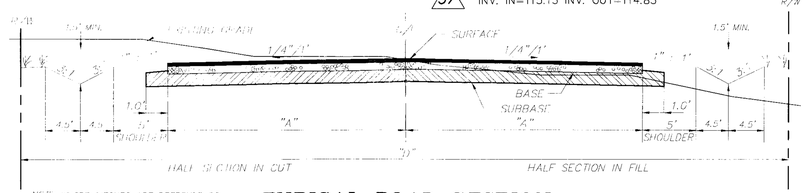
INSIDE DROP CONNECTIONS MAY BE USED AS AN ALTERNATIVE TO EXTERIOR DROP CONNECTIONS UNDER SPECIAL CIRCUMSTANCES IE. BAD SOILS, HIGH WATER TABLE, UTILITY CONFLICTS, AND EXCESSIVE DEPTHS.

STORM SEWER SCHEDULE

(LAST REV. 10-29-03)

NOTES:
1. PIPE LENGTHS ARE MEASURED FROM CENTER TO CENTER OF STRUCTURE
2. VDOT STD. ST-1 STEPS ARE REQUIRED FOR ALL STRUCTURES WITH A HEIGHT GREATER THAN OR EQUAL TO 4.0 FT.
3. ALL DI-5 GRATE TOPS ARE TO BE TYPE A III

1	71.00 LF OF 15" CLASS IV RCP @ 0.50 % INV. IN=108.09, INV. OUT=107.73
2	36.00 LF OF 15" CLASS IV RCP @ 0.50 % INV. IN=108.11, INV. OUT=107.93
3	DI-5, TOP=103.00, H=3.00'
4	40.00 LF OF 18" CLASS III RCP @ 1.20 % INV. IN=100.00, INV. OUT=99.52
5	DI-5, TOP=103.00, H=3.58'
6	256.00 LF OF 24" CLASS III RCP @ 0.50 % INV. IN=99.42, INV. OUT=98.14
7	MH-1, TOP=102.89, H=4.85'
8	115 LF OF 24" CLASS III RCP @ 2.64 % INV. IN=98.04, INV. OUT=95.00, W/ ES-1
9	DI-7, TOP=94.00, H=3.80'
9A	36.00 LF OF 24" CLASS III RCP @ 1.94 % INV. IN=91.00, INV. OUT=90.30
9B	42"CONC. RISER, TOP=95.00, INV=91.00, H=4.0'
10	235.00 LF OF 24" CLASS III RCP @ 2.00 % INV. IN=90.20, INV. OUT=85.50, W/ ES-1
11	DI-5, TOP=100.40, H=3.80'
12	40.00 LF OF 18" CLASS III RCP @ 1.80 % INV. IN=96.60 INV. OUT=95.88
13	DI-5, TOP=100.40, H=4.62'
14	225.00 LF OF 18" CLASS III RCP @ 3.10 % INV. IN=95.78, INV. OUT=88.80
15	MH-1, TOP=95.50, H=6.80'
16	24.00 LF OF 18" CLASS III RCP @ 3.25 % INV. IN=88.70, INV. OUT=87.92, W/ ES-1
17	DI-7, TOP=89.00, H=5.40'
17A	36.00 LF OF 18" CLASS III RCP @ 9.17 % INV. IN=87.00, INV. OUT=83.70
17B	36"CONC. RISER, TOP=91.00, INV=87.00, H=4.0'
18	225.00 LF OF 24" CLASS III RCP @ 3.18 % INV. IN=83.6, INV. OUT=76.45, W/ES-1
19	DI-5, TOP=96.78, H=7.85'
20	50 LF OF 18" CLASS III RCP @ 1.00 % INV. IN=88.93, INV. OUT=88.43
21	DI-5, TOP=92.45, H=4.12'
22	25.00 LF OF 24" CLASS III RCP @ 0.52 % INV. IN=88.33, INV. OUT=88.20
23	76.00 LF OF 24" CLASS III RCP @ 2.53 % INV. IN=75.49, INV. OUT=73.57 (FUTURE)
24	NO STRUCTURE
24A	NO STRUCTURE
24B	NO STRUCTURE
25	28.24 LF OF 18" CLASS III RCP @ 0.32 % INV. IN=101.87, INV. OUT=101.78 DELETED
26	NO STRUCTURE
27	DI-5, TOP=93.07, H=4.45' DELETED
27A	73.00 LF OF 15" CLASS III RCP @ 2.23% INV. IN=88.62 INV. OUT=84.99 DELETED
28	83.27 LF OF 18" CLASS III RCP @ 3.00 % INV. IN=97.34, INV. OUT=94.84
29	DI-5, TOP=98.50, H=8.85'
30	55.00 LF OF 24" CLASS III RCP @ 0.93 % INV. IN=89.78 INV. OUT=89.27
31	DI-5, TOP=95.62, H=6.45'
31A	60.00 LF OF 18" CLASS III RCP @ 11.37 % INV. IN=96.20 INV. OUT=89.38
32	126.74 LF OF 24" CLASS III RCP @ 2.24 % INV. IN=89.17 INV. OUT=86.33
33	44.00 LF OF 24" CLASS IV RCP @ 0.50 % INV. IN=106.81 INV. OUT=106.59
34	83.00 LF OF 15" CLASS III RCP @ 0.50 % INV. IN=108.83 INV. OUT=108.41
35	ADDITIONAL 4.69 LF OF 18" CMP @ 2.19 % INV. IN=112.16
36	38.36 LF OF 15" CLASS III RCP @ 0.52 % INV. IN=113.47 INV. OUT=113.27
37	29.84 LF OF 15" CLASS III RCP @ 1.01 % INV. IN=115.13 INV. OUT=114.83

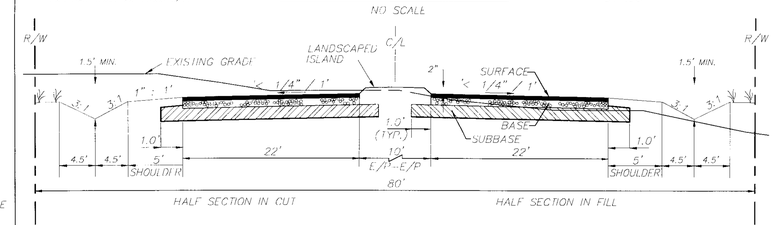


NOTE: WHERE DITCHES ARE DEEPENED TO ACCOMODATE CULVERTS, THE SLOPE SHALL BE MAINTAINED @ 2:1, THE PREY MOVING THE DITCH LOCATION FURTHER THAN 20' FROM C/L

TYPICAL ROAD SECTION ALL OTHER ROADS

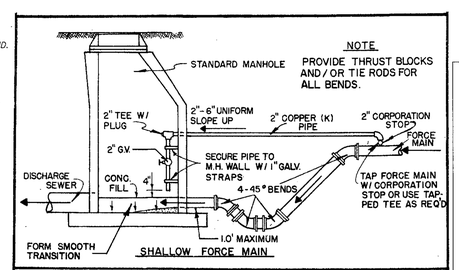
NO SCALE

NOTE: ADDITIONAL V.D.O.T. STANDARD CD-1 & CD-2 UNDERDRAINS SHALL BE INSTALLED WHERE REQUIRED BY VDOT



TYPICAL ROAD SECTION ELK STONE PARKWAY

NOTE: V.D.O.T. STANDARD CD-1 & CD-2 UNDERDRAINS SHALL BE INSTALLED WHERE REQUIRED BY VDOT



FORCE MAIN CONNECTIONS INTO MANHOLES

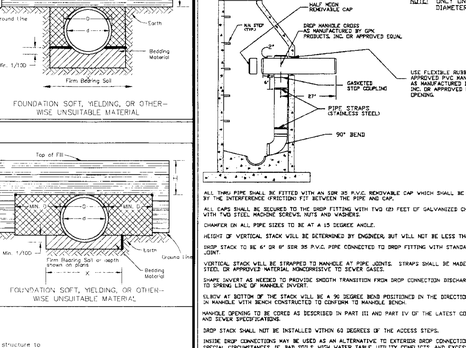
STANDARDS FOR

WATER AND WASTEWATER SYSTEMS

COUNTY OF PRINCE GEORGE

VIRGINIA

DATE 7-78 PLATE NO. 28



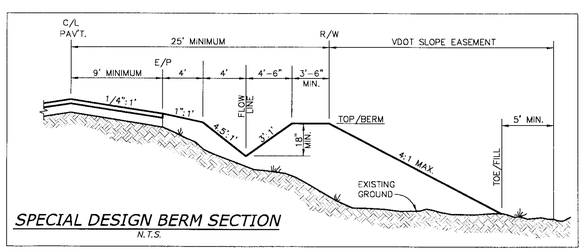
WATER LINE AND STORM SEWER CROSSING DETAIL

NO SCALE

SANITARY SEWER SCHEDULE

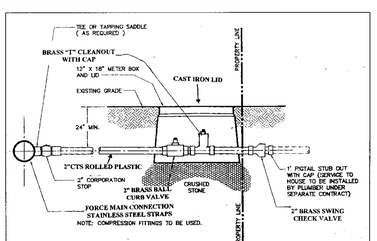
LINE TABLE		
LINE	DIRECTION	DISTANCE
2-1	N78°17'21"W	392.95'
3-2	N05°01'34"W	221.68'
4-3	N24°50'07"W	253.78'
5-4	N47°29'24"W	174.11'
6-5	N76°17'43"W	174.11'
7-6	S74°53'57"W	248.23'
8-7	S19°20'44"E	127.15'
9-8	S08°50'37"E	204.17'
10-9	S13°33'29"W	321.38'
11-7	S70°39'16"W	366.26'
11-11A	S64°43'45"W	182.46
11A-11B	S35°01'15"W	157.54
11B-11C	S05°19'15"W	150.00
11C-11D	S10°28'23"E	188.98

LINE TABLE (CON'T)		
12-2	S11°14'22"W	160.18'
13-12	S18°34'03"W	400.00'
14-13	S71°25'43"E	100.00'
15-14	S71°25'43"E	305.59'
16-13	S18°32'47"W	334.59
17-16	S12°39'30"W	121.57
18-17	S06°30'14"E	304.75
19-18	S06°30'14"E	146.51
20-18	N83°29'46"E	233.59'
21-20	N83°29'46"E	166.41'
22-21	N83°29'46"E	206.21'



SPECIAL DESIGN BERM SECTION

N.T.S.



FORCE MAIN CONNECTION DETAIL

NTS

ROAD CLASSIFICATIONS

ROAD STA. TO STA.	VPD	PAVEMENT DESIGN SUBBASE	BASE	SURFACE	"A" PVM'T. WIDTH (C/L - E/P)		"C" R/W WIDTH
ELK STONE PARKWAY STA. 0+00 TO STA. 4+00	1990	8" 21-B	4" BM-25.0	1-1/2" SM-9.5A	SEE SECTION (ABOVE)		80'
IMPALA DRIVE STA. 30+00 TO STA. 41+00	680	8" 21-B	2" SM-9.5A	1-1/2" SM-9.5A	11'		50'
IMPALA DRIVE STA. 41+00 TO STA. 56+70	550	8" 21-B	2" SM-9.5A	1-1/2" SM-9.5A	11'		50'
~~BRICKHOUSE CIRCLE STA. 57+25 TO STA. 59+75~~	~~40~~		~~6" 21-B~~	~~2" SM-9.5A~~	~~11'~~		~~50'~~ DELETED
PHEASANT RUN STA. 59+75 TO STA. 65+75	100	8" 21-B	2" SM-9.5A	1-1/2" SM-9.5A	11'		50'
ANTELOPE COURT STA. 0+00 TO STA. 3+40	30	8" 21-B	2" SM-9.5A	1-1/2" SM-9.5A	11'		50'
GREY FOX DRIVE STA. 6+00 TO STA. 13+50	1030	8" 21-B	3" SM-9.5A	1-1/2" SM-9.5A	11'		50'
GREY FOX DRIVE STA. 13+50 TO STA. 30+00	1230	8" 21-B	3" SM-9.5A	1-1/2" SM-9.5A	11'		50'
CARIBOU COURT STA. 0+00 TO STA. 4+00	50	8" 21-B	2" SM-9.5A	1-1/2" SM-9.5A	11'		50'
ELK COURT STA. 4+00 TO STA. 10+50	80	8" 21-B	2" SM-9.5A	1-1/2" SM-9.5A	11'		50'

(1) PAVEMENT SECTIONS ARE BASED ON A MINIMUM DESIGN CBR VALUE OF 10. PAVEMENT DESIGN MAY BE REVISED DUE TO ACTUAL SUBGRADE CONDITIONS.
(2) A PRIME COAT SHALL BE APPLIED BETWEEN THE AGGREGATE BASE AND ASPHALT COURSES IN ACCORDANCE WITH V.D.O.T STANDARDS.

NOTES: 1) ALL ROADS TO HAVE A MAXIMUM POSTED SPEED LIMIT OF 25 M.P.H.
2) ELK STONE PARKWAY TO HAVE A PRIME COAT AND SEALER APPLIED ON TOP OF BM-25.0 IF SM-9.5A IS NOT APPLIED FOR AN EXTENDED TIME.

COMMONWEALTH OF VIRGINIA
DERRICK A. JOHNSON
Lic. No. 24761
2-8-08
PROFESSIONAL ENGINEER

VIRGINIA | NORTH CAROLINA | WEST VIRGINIA
THIS DRAWING PREPARED AT THE PRINCE GEORGE OFFICE
4260 Crossings Blvd | Prince George, VA 23875
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YOUR VISION ACHIEVED THROUGH OURS.

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DATE	REVISION DESCRIPTION	
01-15-2004	COUNTY & VDOT COMMENTS	COUNTY COMMENTS
02-20-2004	COUNTY & VDOT COMMENTS	COUNTY COMMENTS
04-06-2004	COUNTY & VDOT COMMENTS	
12-21-2005	OWNER'S COMMENTS	
02-14-2007	COUNTY & VDOT COMMENTS	
03-19-2007	OWNER REVISIONS	
05-11-2007	OWNER REVISIONS 4	

DATE 07-10-2003

DRAWN BY L. GILLIAM

DESIGNED BY D. JOHNSON

CHECKED BY D. JOHNSON

SCALE NONE

TIMMONS GROUP

BRICKHOUSE LANDING SUBDIVISION

BLAND DISTRICT * PRINCE GEORGE COUNTY, VIRGINIA

DETAILS & TYPICAL SECTIONS

JOB NO. 20823

SHEET NO. 2

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