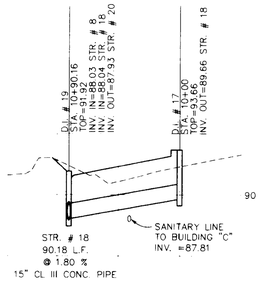
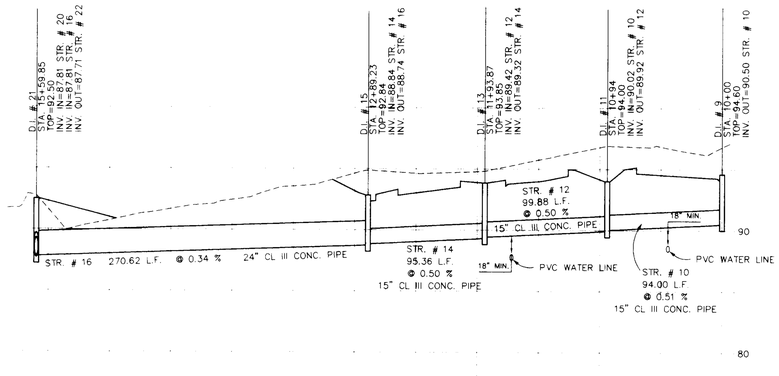


DRAINAGE STR. 17–19

DATUM ELEV 80.00

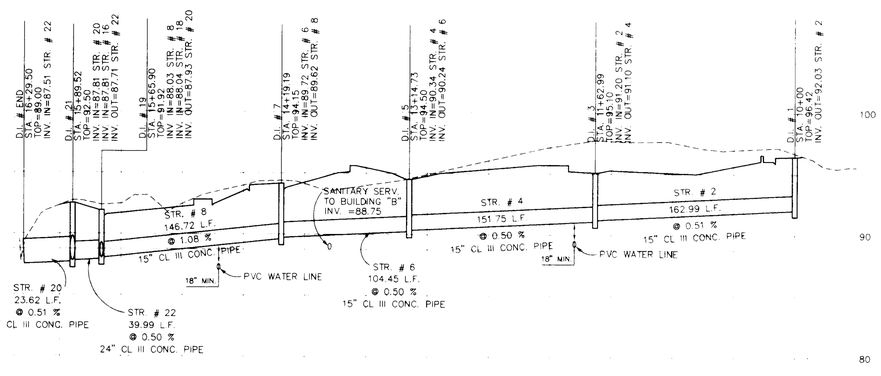
92.8	11+00
91.1	
92.3	10+00
93.3	



DRAINAGE STRUCTURES 9–21

DATUM ELEV 75.00

91.6	15+00
90.7	
91.7	14+00
92.4	
93.5	13+00
94.6	
94.6	12+00
94.8	
95.7	11+00
96.8	
96.8	10+00
96.8	



DRAINAGE STRUCTURES 1–22

DATUM ELEV 75.00

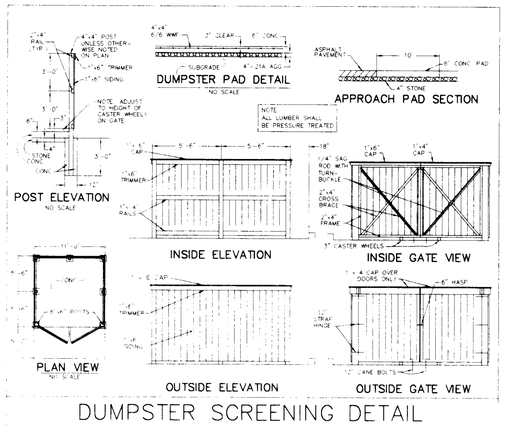
92.3	16+00
92.5	
92.5	15+00
94.0	
94.1	14+00
94.0	
94.9	13+00
96.1	
97.1	12+00
97.7	
97.6	11+00
97.0	
96.7	10+00
95.6	

CONSTRUCTION NOTES

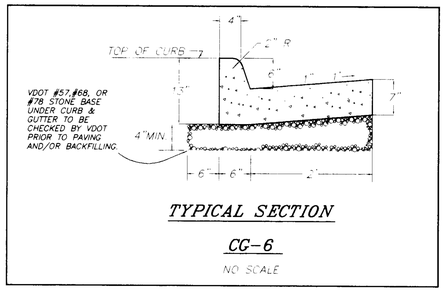
1. JANUARY 1, 1993 EDITION OF ROAD AND BRIDGE SPECIFICATIONS AND JANUARY 1, 1993 EDITION OF THE ROAD DESIGNS AND STANDARDS OF THE VIRGINIA DEPARTMENT OF HIGHWAYS SHALL GOVERN THE FOLLOWING:
   A. POURING, CURING, FORMS, WORKMANSHIP, ETC. OF ALL CONCRETE USED ON THIS PROJECT.
   B. STABILIZED BASE COURSE MATERIAL.
   C. MATERIALS AND INSTALLATION OF ALL PIPE CULVERTS.
2. THE VDOT APPROVAL OF THESE PLANS WILL EXPIRE THREE (3) YEARS FROM THE DATE OF APPROVAL.
3. ALL GRADE STAKES DESTROYED BY THE CONTRACTOR, SHALL BE REPLACED AT HIS EXPENSE.
4. EXCESS EXCAVATION TO BE DISPOSED OF AS DIRECTED BY THE OWNER.
5. THE CONTRACTOR SHALL ACQUIRE ANY AND ALL NECESSARY CONSTRUCTION PERMITS.
6. STAKING SHALL BE DONE ONLY BY A CERTIFIED LAND SURVEYOR. DO NOT STAKE FROM THESE PLANS.
7. ALL RADII ARE 5' UNLESS NOTED OTHERWISE.
8. VDOT AND COUNTY APPROVAL OF SUBDIVISION ROAD PLANS DOES NOT PRECLUDE THE RIGHT TO ADDITIONAL FACILITIES SUCH AS SEEDING, PAVING, SILT DAMS, ETC. AS MAY BE DEEMED NECESSARY BY EITHER AUTHORITY PRIOR TO THE THE ACCEPTANCE OF SUCH ROADS IN ORDER TO LIMIT SILTATION AND POLLUTION OF NEARBY LAKES, PONDS, STREAMS AND ADJACENT PROPERTY.
9. 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.
10. ALL FILLETS AT INTERSECTIONS TO HAVE 35' RADII UNLESS OTHERWISE NOTED.
11. BASE MUST BE APPROVED BY VDOT FOR DEPTH, TEMPLATE, AND COMPACTION BEFORE SURFACE TREATMENT IS APPLIED IN RIGHT OF WAY.
12. PRIME COAT MUST BE APPLIED TO ROAD BASE AGGREGATE PRIOR TO APPLICATION OF ASPHALT SURFACE (PRIME COAT RC–250, 0.3 GALLONS PER SQUARE YARD).
13. ALL UTILITIES TO BE IN PLACE PRIOR TO LAYING BASE MATERIAL.
14. LANDSCAPING: SITE IMPROVEMENT WILL BE INSTALLED AND MAINTAINED SO AS NOT TO INTERFERE WITH SIGHT DISTANCE OF DRIVERS WITHIN THE PARKING AREA OR AT ENTRANCE/EXIT LOCATIONS.

SEWER AND WATER NOTES:

1. ALL MATERIAL FOR SEWER SYSTEM SHOWN SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE THE THE LATEST APPLICABLE SPECIFICATIONS OF PRINCE GEORGE COUNTY.
2. ALL WORK SHALL BE SUBJECT TO INSPECTION BY UTILITY DEPARTMENT OFFICIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF THE 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 SENDING A COPY TO THE COUNTY PRIOR TO START OF CONSTRUCTION.
5. VIRGINIA AMERICAN WATER COMPANY WILL INSTALL ALL WATER CONNECTIONS AND WATER METERS.
6. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON THE PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT THE 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).
7. SEWER GRADES ARE BASED ON U.S.C.&G.S. DATUM.
8. THE SEWER PIPE SHALL BE PVC UNLESS OTHERWISE NOTED. ALL SEWER JOINTS SHALL BE CLASS "A". BEDDING SHALL BE CLASS "B" MINIMUM.
9. WATER AND SEWER ALIGNMENT HAVE NOT BEEN TESTED FOR THE PRESENCE OF ROCK.
10. USE OF HEIGHT ADJUSTMENT RINGS WILL NOT BE ALLOWED EXCEPT UNDER PAVED SURFACES WHERE A MAXIMUM OF ONE RING IS PERMITTED.
11. FIRE HYDRANTS ARE TO BE PAINTED WITH O.S.H.A. YELLOW BY THE CONTRACTOR.
12. ALL METERS, VALVES, ETC. MUST BE THE RECESSED TYPE AND HEAVY TRAFFIC RELATED.



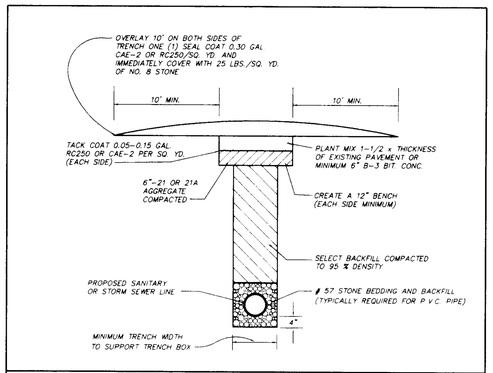
DUMPSTER SCREENING DETAIL



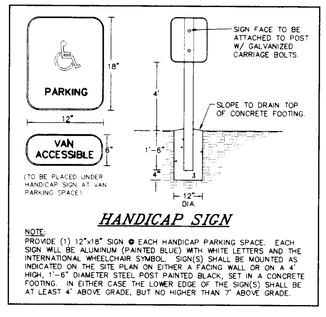
TYPICAL SECTION

CG–6

NO SCALE

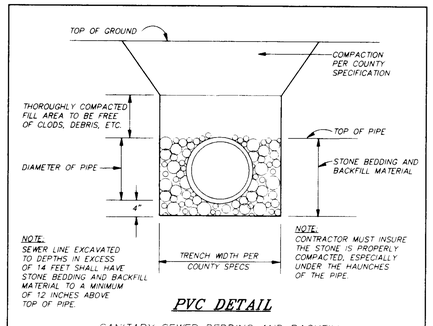


TYPICAL SECTION FOR REPAIR OF OPEN CUT
AFTER REPLACEMENT OF SANITARY AND STORM SEWER



HANDICAP SIGN

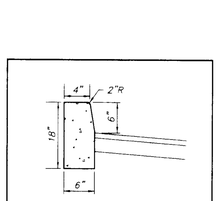
NOTE:
PROVIDE (1) 12"x18" SIGN @ EACH HANDICAP PARKING SPACE. EACH SIGN WILL BE ALUMINUM (PAINTED BLUE) WITH WHITE LETTERS AND THE INTERNATIONAL WHEELCHAIR SYMBOL. SIGN(S) SHALL BE MOUNTED AS INDICATED ON THE SITE PLAN ON EITHER A FACING WALL OR ON A 4" HIGH, 1'–6" DIAMETER STEEL POST PAINTED BLACK, SET IN A CONCRETE FOOTING. IN EITHER CASE THE LOWER EDGE OF THE SIGN(S) SHALL BE AT LEAST 4' ABOVE GRADE, BUT NO HIGHER THAN 7' ABOVE GRADE.



PVC DETAIL

SANITARY SEWER BEDDING AND BACKFILL
DETAIL FOR PLASTIC PIPE

NO SCALE



VDOT STANDARD CG–2

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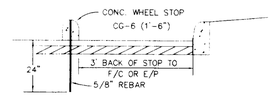

WHEEL STOP ANCHOR

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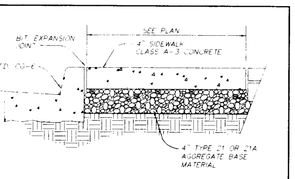
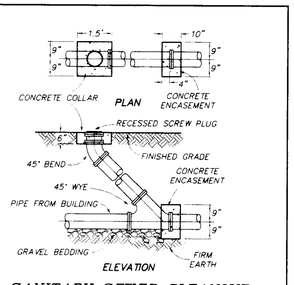


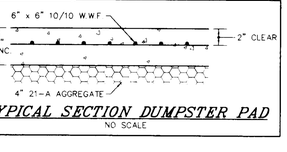
SIDEWALK DETAIL

N.T.S.



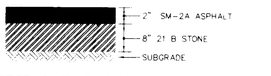
SANITARY SEWER CLEANOUT

NO SCALE



TYPICAL SECTION DUMPSTER PAD

NO SCALE



TYPICAL PARKING LOT PAVEMENT

NO SCALE

FINAL

TIMMONS
Founded 1953
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THIS DRAWING WAS PREPARED AT THE PRINCE GEORGE OFFICE

COMMONWEALTH OF VIRGINIA
BERNICE A. JOHNSON
No. 24761
PROFESSIONAL ENGINEER

REVISION DESCRIPTION

DATE

ROSLYN FARM OFFICE BUILDING

BLAND DISTRICT • PRINCE GEORGE COUNTY, VIRGINIA

DETAILS, NOTES, AND PROFILES SHEET

DATE	11–22–99
DRAWN BY	S. CHILDERS
DESIGNED BY	D. JOHNSON
CHECKED BY	D. JOHNSON
SCALE	HOR: 1"=50' VER: 1"=5'
JOB NO	18881
SHEET NO	2

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