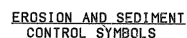


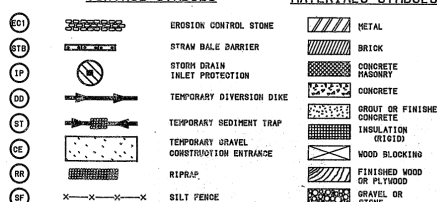
SHEET INDEX

COMMONWEALTH OF VIRGINIA
STEWART W. HUBBELL
Stewart W. Hubbell
No. 07420
PROFESSIONAL ENGINEER

DESCRIPTION



MATERIALS SYMBOLS



RE SECTION IS DRAWN

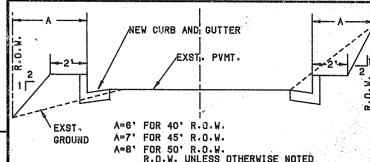
THE SECTION IS OUT

GENERAL NOTES

1. THE LOCATION OF EXISTING UTILITIES, INCLUDING UNDERGROUND UTILITIES, IS INDICATED ON THE DRAWINGS INSOFAR AS THEIR EXISTENCE AND LOCATION WERE KNOWN AT THE TIME OF PREPARATION OF THE DRAWINGS. HOWEVER, NOTHING IN THESE CONTRACT DOCUMENTS SHALL BE CONSTRUED AS A GUARANTEE THAT SUCH UTILITIES ARE IN THE LOCATION INDICATED OR THAT THEY ACTUALLY EXIST, OR THAT OTHER UTILITIES ARE NOT WITHIN THE AREA OF OPERATIONS. THE CONTRACTOR SHALL MAKE ALL NECESSARY INVESTIGATIONS TO DETERMINE THE EXISTENCE AND LOCATIONS OF SUCH UTILITIES. THE CONTRACTOR SHALL PAY FOR ANY DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.
2. THE CONTRACTOR IS DIRECTED TO DIG AND LOCATE ALL UTILITIES, IN ADVANCE OF THE PIPELATING, TO ALLOW FOR ADJUSTMENTS, DUE TO CONFLICTS WITH THE UTILITIES, IN THE HORIZONTAL AND VERTICAL LOCATION OF THE PIPE LINE.
3. EXISTING TOPOGRAPHIC INFORMATION IS TAKEN FROM:
A. AERIAL SURVEYS PERFORMED BY AMERICAN AIR SURVEYS, INC. FOR THE ROADNAKE VALLEY ECONOMIC DEVELOPMENT COMMISSION.
B. FIELD SURVEYS PERFORMED BY NATHAN A. CRAIG IN FEBRUARY AND MARCH, 1989.
4. ELEVATIONS ARE USGS DATA, UNLESS OTHERWISE INDICATED.
5. GRID CO-ORDINATES SHOWN ARE VIRGINIA STATE PLANE CO-ORDINATE SYSTEM.
6. BEARINGS ARE FROM TRUE NORTH.
7. CONTRACTOR SHALL CONFIRM THE LOCATION OF EXISTING HORIZONTAL AND VERTICAL CONTROL POINTS AND SHALL ESTABLISH ANY ADDITIONAL CONTROL POINTS REQUIRED FOR CONSTRUCTION.
8. ALL EXISTING AND NEW MANHOLE, HAND HOLE AND VALVE BOX TOPS SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO PLACING PAVEMENT SURFACE COURSE.
9. ALL CURB AND GUTTER IS VDOT STANDARD CO-8S UNLESS OTHERWISE NOTED. TRANSITION OF NEW CURB AND GUTTER TO EXISTING SHALL MATCH EXISTING VDOT STANDARD CO-8.
10. NOTE THE STANDARD DETAILS IN THE SPECIFICATIONS.
11. CONTRACTOR SHALL PROVIDE REQUIRED PILL MATERIAL, BORING CLOSURE TO TRANSITION TO PRIVATE PROPERTY, AND SHALL PROVIDE ADDITIONAL PAYMENT AND FILL TO TRANSITION NEW ENTRANCES TO EXISTING DRIVEWAYS.
12. SANITARY SEWER LATERALS, WATER SERVICE LATERALS, AND GAS SERVICE LATERALS ARE GENERALLY NOT SHOWN HOWEVER, CONTRACTOR IS REQUIRED TO MAINTAIN THESE SERVICES.
13. THE PLANS AND SUPPLEMENTARY DRAWINGS SHALL NOT BE SCALED, AND CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ELEVATIONS AT THE SITE PRIOR TO PROCEEDING WITH THE WORK.
14. THE LOCATION AND DIMENSIONS OF THE HOUSES SHOWN IN THE PLANS ARE APPROXIMATIONS. THEY WERE NOT OBTAINED FROM FIELD SURVEYS.
15. ENTRANCES ARE SHOWN ON THE PLANS FOR EACH PROPERTY AROUND WHICH THERE WILL BE NEW CURB AND GUTTER. THE EXACT LOCATION OWNER BY THE CONTRACTOR. IS TO BE COORDINATED WITH THE PROPERTY OWNER.
16. SERVICE CONNECTIONS TO THE NEW WATER LINE SHALL BE MADE TO ALL PROPERTIES. EXISTING CONNECTIONS TO THE EXISTING WATER LINE SHALL BE REMOVED OR ABANDONED OR REPLACED TO THE PROPERTY LINE. THE EXACT LOCATION IS TO BE COORDINATED WITH THE PROPERTY OWNER AND HIS CONTRACTOR.
17. EXISTING SANITARY SEWER LATERALS SHALL BE REPLACED FROM THE EXISTING SANITARY SEWER PIPE TO THE PROPERTY LINE.
18. EXISTING SANITARY SEWER LINE SHALL BE REPLACED WITH DUCTILE IRON

INLET SCHEDULE							
INLET NUMBER	PLAN SHEET	TYPE	IN IN	IN OUT	TOP ELEV.	THROAT LENGTH	REMARK
401	8	D1-1	905.80	909.00	917.18	18	
402	8	D1-1	905.80	909.00	914.52	6	
201	9	D1-3BB	914.00*11	915.09*18	925.24	6	HN TEE
201	9	D1-3BB	911.50*18	914.79	924.71	20	
601	9	D1-3BB	916.30	915.59	924.53	18	
601	9	D1-3BB	916.30	914.35	924.53	18	
104	10	D1-3BB	922.70	922.70	933.41	10	HN TEE
802	10	D1-3BB	927.55	927.55	936.02	14	
802	10	D1-3BB	929.27	929.27	934.37	20	
1001	10	D1-3BB	934.00	934.00	941.50	20	
1002	10	D1-3BB	931.98	932.55	939.40	14	
403	11	D1-3BB	929.55	929.55	938.55	10	
501	11	D1-3BB	927.90	927.90	934.77	6	
502	11	D1-3BB	927.90	927.90	934.77	6	
603	12	D1-3BB	938.42*01	937.40	944.69	8	
			939.42*01				
			942.00		947.84	16	
604	12	D1-3BB	944.51	944.51	954.51	10	
101	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE
102	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE
110	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE
110	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE
104	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE
105	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE
106	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE
107	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE
108	6	D1-7	916.50	916.50	924.50	10	HN TEE, TYPE GRATE

1 COVER SHEET
2 ABS. LEG. GEN. NOTES, SHEET INDEX
3 SHEET LAYOUT
4 PLAN
5 PLAN
6 PLAN
7 PLAN
8 PLAN
9 PLAN
10 PLAN
11 PLAN
12 PLAN
13 PLAN
14 PLAN
15 PLAN
16 PLAN
17 PLAN
18 PLAN
19 PLAN: DETENTION BASIN
20 CROSS-SECTIONS: DETENTION BASIN
20A CROSS-SECTIONS: DETENTION BASIN
20B OUTLET STRUCTURE: DETENTION BASIN
20C DETAILS: OUTLET STRUCTURE,
DETENTION BASIN
21 PROFILE
22 PROFILE
23 PROFILE
24 PROFILE
25 PROFILE
26 PROFILE
27 PROFILE
28 PROFILE
29 PROFILE
30 PROFILE
31 PROFILE
32 WELL: CRAIG AVENUE
33 WELL: CHESTNUT STREET



CURB AND GUTTER IN FILL AREAS

NO SCALE

INVESTIGATOR	DATE	DESCRIPTION	BY	APP.
DDSN	SPN	PLADETOWN NEIGHBORHOOD IMPROVEMENTS DRAINAGE, WATER, SEWER, & STREET IMPROVEMENTS		
DRAWN	TLN	ABBREVIATIONS, LEGEND & GENERAL NOTES		
CHSD	SHH	TOWN OF VINTON, VIRGINIA		

Mattern & Craig

CONSULTING ENGINEERS
SURVEYORS

SCALE: NONE

DATE: JULY 1989

DESK: 0270

SHEET: 2