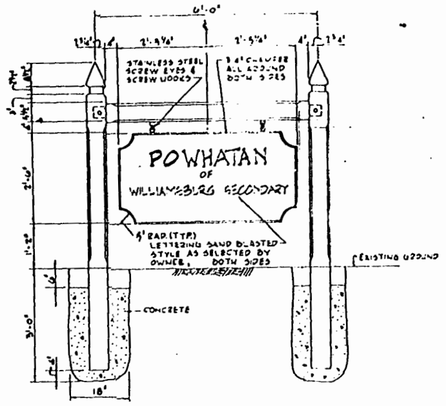
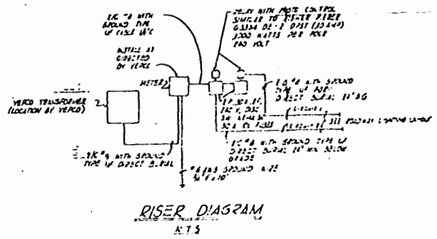
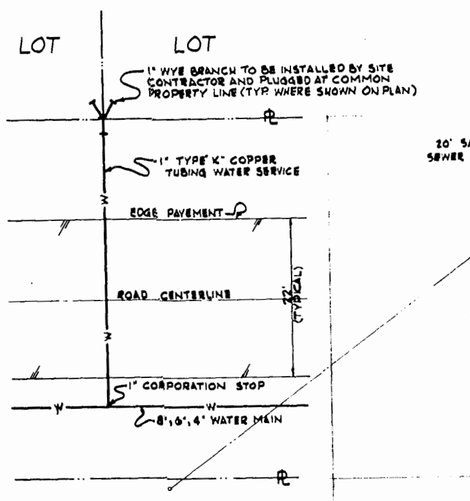


ENTRANCE SIGN DETAIL

NOT TO SCALE

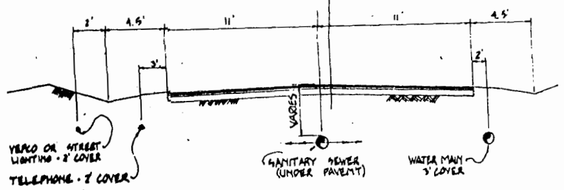


N.T.S.



LOT WATER CONNECTION DETAIL

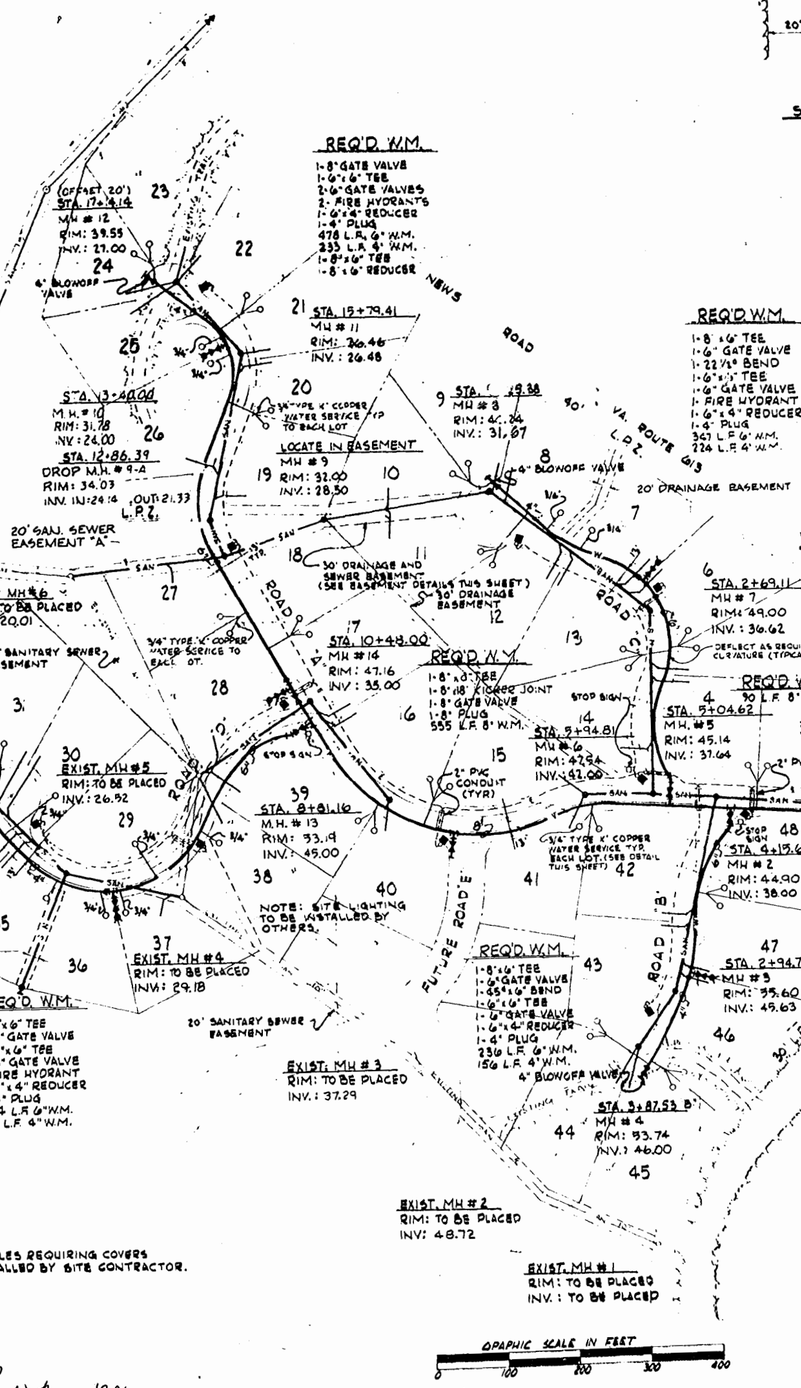
NOT TO SCALE



TYPICAL UTILITY LAYOUT

NOT TO SCALE

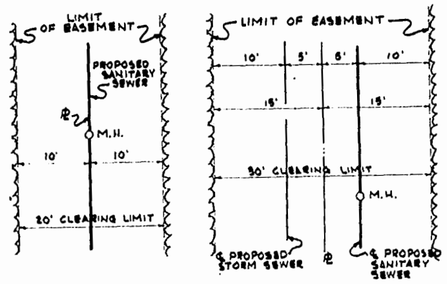
DATE	REVISION
6-29-79	ADDED M.H. #9-A, RELOCATED EASEMENT "A"
	(ADJUSTED PIPE LENGTHS



Recorded 5th day of May 1981 at 2:01 p.m.
in
D. B. No. 213 pages 230
Teste: M. D. Hansen Clerk

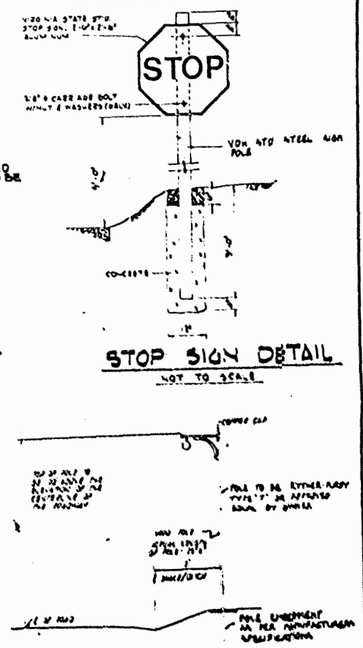
CLEARING LIMIT DETAILS

SCALE: 1" = 10'



METER AND SERVICE POST

N.T.S.



NOTES

1. WATER MAINS TO BE PVC, A.S.T.M. D-2241 PIPE UNLESS OTHERWISE INDICATED. MINIMUM COVER TO BE 3 FEET
2. ALL WATER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE JAMES CITY COUNTY SERVICE AUTHORITY (J. C. C. S. A.)
3. ALL WATER LINE BENDS TO REMAIN UNCOVERED UNTIL STERILIZATION IS COMPLETED BY J. C. C. S. A.
4. SEE DETAIL THIS SHEET FOR UTILITY LOCATIONS UNDER ROADWAY.
5. WATER LATERALS SHOWN ARE SCHEMATIC ONLY. ACTUAL LOCATIONS TO BE DESIGNATED IN FIELD AND AS-BUILTS PROVIDE THE ENGINEER FROM THE CONTRACTOR. ALL LATERALS TO BE EXTENDED A MIN. OF 4' INTO EACH LOT.
6. ALL ELECTRICAL WORK SHALL COMPLY WITH N.E.C., N.E.S.C. AND ALL LOCAL, STATE AND FEDERAL CODES.
7. WIRING TO BE 1/C-#6 WITH #6AWG COPPER #TYPE UF FOR DIRECT BURIAL. CABLES TO BE BURIED A MINIMUM OF 24" BELOW GRADE.
8. ALL CONDUIT ON POST TO BE RIGID.
9. ALL CABLE TO BE PROTECTED WITH SHIELD AND EARTH BARRIER (18") WHERE CABLE AND OTHER UTILITIES ARE ADJACENT.
10. CONTRACTOR TO OBTAIN ALL PERMITS, PAY ALL FEES AND SUBMIT A CERTIFICATE OF APPROVAL FROM LOCAL INSPECTOR UPON COMPLETION OF WORK.
11. UPON COMPLETION, CONTRACTOR TO SUPPLY ENGINEER WITH TWO (2) SETS OF AS BUILT DRAWINGS.
12. SWITCHES AND PANELS TO BE SQUARE D, HEAVY DUTY TYPE OR APPROVED EQUAL.
13. CONTRACTOR TO VERIFY WITH V. E. P CO. ALL EQUIPMENT LOCATIONS AND REQUIREMENTS.
14. ABL PVC CONDUIT TO BE PLACED PRIOR TO PLACEMENT OF PAVEMENT SECTIONS.
15. LOCATION OF POLES SCHEMATIC ONLY, EXACT LOCATIONS TO BE VERIFIED BY ENGINEER IN FIELD.
16. CONTRACTOR TO COORDINATE INSTALLATION OF UNDERGROUND UTILITIES (C.A.T., VEPCO) AS REQ'D BY THE SPECIFICATIONS, ALTHOUGH THESE FACILITIES ARE NOT SHOWN ON PLANS. SEE TYPICAL LOCATION DETAIL THIS SHEET.

SANITARY SEWER

1. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR IS DIRECTED TO NOTIFY APPLICABLE OWNERS OF UTILITIES OF THE IMPENDING CONSTRUCTION IN ORDER THAT THE UTILITY COMPANY MAY SAFEGUARD THEIR FACILITIES.
2. ALL GRAVITY SEWER MATERIAL TO BE AS DESCRIBED IN THE SPECIFICATIONS UNLESS OTHERWISE INDICATED ON PLANS
3. CLEARANCES BETWEEN SANITARY SEWER AND WATER MAINS TO BE 10' MIN. HORIZONTAL, 18" MIN. VERTICAL, UNLESS OTHERWISE NOTED. MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY SEWER AND OTHER PIPES TO BE 9 INCHES.
4. MINIMUM COVER OVER PROPOSED PIPE LINES TO BE 3 FEET UNLESS OTHERWISE NOTED.
5. ALL MANHOLE RIMS TO BE FLUSH WITH GROUND. RIM ELEVATIONS MAY VARY SLIGHTLY TO SUIT EXISTING UNDISTURBED GROUND.
6. SURFACE DRAINAGE NOT TO BE ALLOWED TO ENTER SANITARY SEWER SYSTEM AT ANY TIME.
7. WHERE SANITARY STUBS AND WATER PLUGS ARE NOTED ON PLANS, CONTRACTOR TO MARK LOCATION AND DEPTH WITH A 2" x 4" DRIVEN INTO THE GROUND.
8. SANITARY SEWER LATERAL LINE LOCATIONS SHOWN ON PLAN ARE SCHEMATIC ONLY. LATERALS TO EXTEND A MINIMUM OF 4 FEET INSIDE PROPERTY LINE AND BE MARKED WITH A 2" x 4" DRIVEN INTO GROUND WITH DEPTH OF LINE BELOW GRADE SHOWN ON MARKER.
9. MANHOLES, WITHIN ROADWAY, LOCATED ON CENTERLINE AT STATIONS INDICATED.
10. WHERE SANITARY SEWER LINES REQUIRE CONSTRUCTION IN FILLS, FILL TO BE CONSTRUCTED WITH REQUIRED COMPACTION TO A MINIMUM OF 1 FEET OVER PIPE. PIPE TO THEN BE CONSTRUCTED BY EXCAVATING THE FILL.

COMMONWEALTH OF VIRGINIA — CERTIFIED PROFESSIONAL ENGINEER

LANGLEY and McDONALD
A PROFESSIONAL CORPORATION
ENGINEERS · PLANNERS · SURVEYORS
VIRGINIA BEACH · VIRGINIA

DES. ____ DATE: June 11, 1979
DRN. C.W.M. REVISED: 6-29-79

BEAMER CONSTRUCTION CO. - NEWPORT NEWS, VA.

POWHATAN
PHASE ONE
OF WILLIAMSBURG SECONDARY

SANITARY SEWER, WATER, ELECTRIC & SIGNAGE

SHEET 10 OF 13

7882