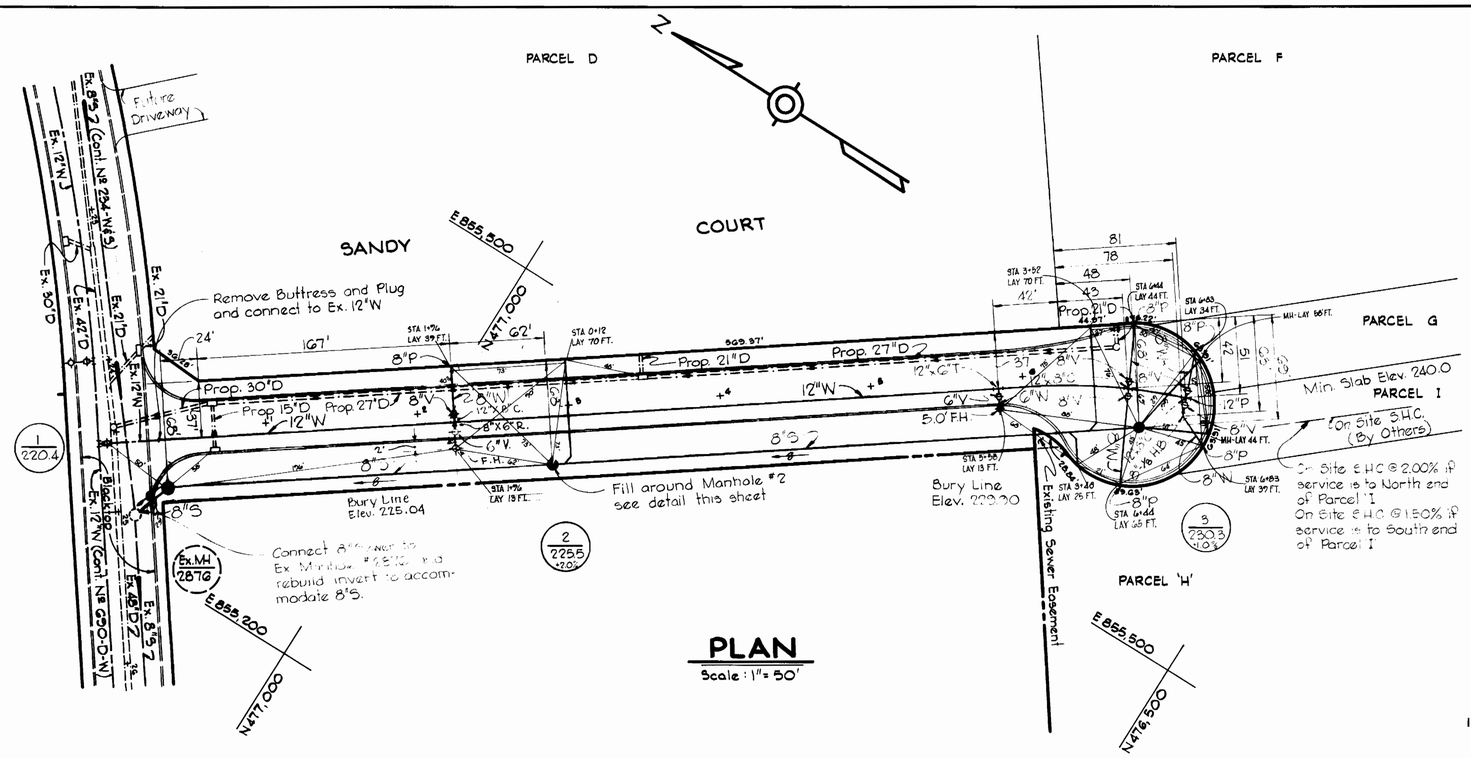
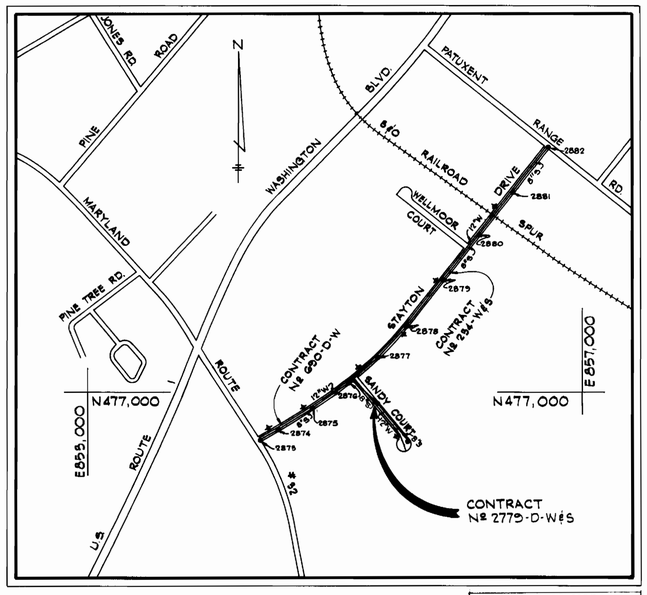
BALTIMORE 17 0253 PHOENIX 48164



PLAN

Scale: 1" = 50'



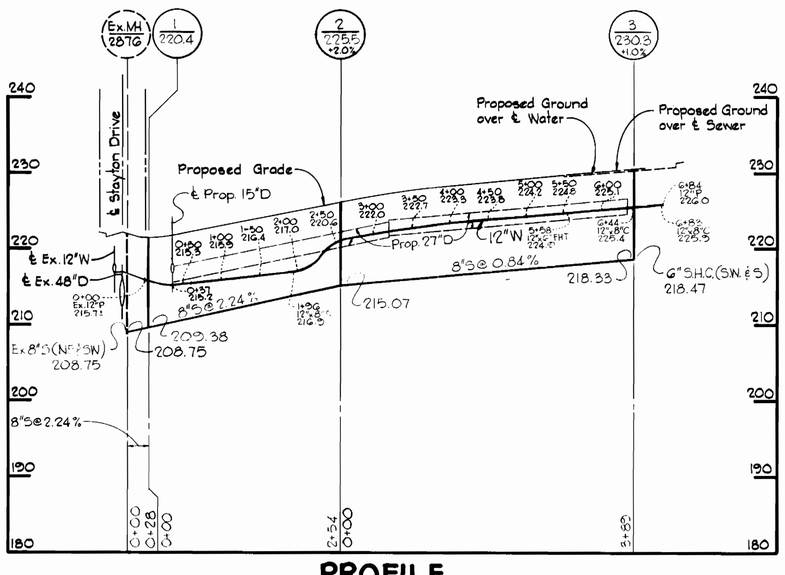
VICINITY MAP

Scale: 1" = 600'

WATER & SEWER CODE (COUNTY USE)
SEWER Nº 4201900
WATER ZONE 80 2

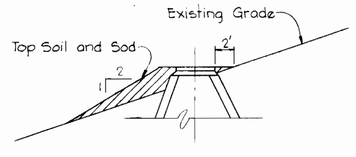
GENERAL NOTES

1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
2. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
3. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES.
4. FOR ALL STANDARD DETAILS, SEE STANDARDS BOUND IN SPECIFICATIONS.
5. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
6. ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE DATUM.
7. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
8. ALL WATER MAINS TO HAVE A MIN. OF 3 1/2' COVER UNLESS OTHERWISE NOTED.
9. BLOCK ALL FITTINGS WITH CONCRETE. SEE STANDARDS BOUND IN SPECIFICATIONS.
10. BUILD ALL MANHOLES TO EXISTING GRADE UNLESS OTHERWISE NOTED.
11. ALL FIRE HYDRANTS SHALL BE STRAPPED TO TEES AND SHALL BE BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS.
12. CLEAR ALL UTILITIES BY A MINIMUM OF 6 INCHES.
13. ALL SEWERS SHALL BE V.C.P.X., C.S.P.X. OR A.C.P. CLASS 2400, UNLESS OTHERWISE NOTED.
14. WHERE SEWER SERVICE CONNECTIONS ENTER MANHOLES, INVERTS SHALL BE CHANNELIZED TO ACCOMMODATE FLOW.
15. PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
16. BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO ELEVATIONS SHOWN ON DRAWINGS.
17. COST OF STRAPPING HYDRANTS AND VALVES TO TEES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR FURNISHING AND LAYING WATER MAINS.
18. THE COUTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
    BALTIMORE GAS & ELECTRIC COMPANY - UNDERGROUND ELECTRIC DIST. ENGINEERING DAMAGE CONTROL - 234-5691
    - UNDERGROUND GAS DIST. ENGINEERING - 234-5621
    CHESAPEAKE AND POTOMAC TELEPHONE CO. ~ 393-3648
    MISS UTILITY ~ 1 559-0100



PROFILE

Scale: Horiz. 1" = 100'
Vert. 1" = 10'



FILL DETAIL
No Scale

W.R.&A. B.M. #8 Elev. 278.14
R.R. Spike in Power Pole #384744, 180' south from Roxmoor Dr. on Washington Blvd.

W.R.&A. B.M. #8-A Elev. 253.11
80 Pennie Nail in 36" Oak, 345' west from Stayton Dr. on Roxmoor Dr.

QUANTITIES

ITEM	QUANTITY BID	QUANTITY AS BUILT	SUPPLIER
12" Water	~~685~~	683	GRIFFIN DIP
8" Water (Serv)	~~210~~	221	GRIFFIN DIP
6" Water	~~15~~	26	GRIFFIN DIP
Fire Hydrants	~~7~~	2	DRESSER
8" Sewer	~~670~~	658	JOHN MANSVILLE ACP

Baltimore Washington Industrial Park
Block 'C'
Contract No. 2779-D-W&S

STATE OF MARYLAND — JAMES KENNETH TRACY — No. 10196 — REGISTERED PROFESSIONAL ENGINEER

James K. Tracy

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS · PLANNERS
TOWSON, MARYLAND 21204

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DIRECTOR OF PUBLIC WORKS — DATE 12-8-77
CHIEF - BUREAU OF ENGINEERING — DATE 12-6-77

CONTRACT NO. 2779-D-W&S

PLAN AND PROFILES OF WATER AND SEWER MAINS

ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. 1 OF 1

SCALE AS SHOWN

AS-BUILT MARCH 29, 1978

NOVEMBER 28, 1977