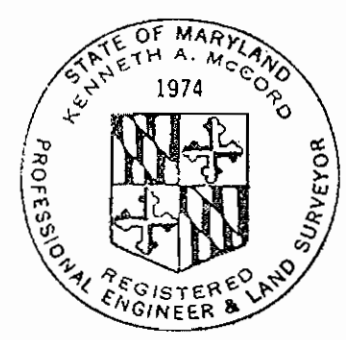


GENERAL NOTES

1. Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and 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. All water mains shall have a minimum of 3 1/2' over.
6. Block all fittings with concrete, see standards bound in Specification.
7. Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings or as directed by the engineer in the field.
8. All fire hydrants shall be strapped and buttressed in accordance with standard details.
9. Cost of strapping fire hydrants and valves to tees to be included in price bid for furnishing and installing fire hydrants.
10. Clear all utilities by a minimum of 6'; clear all poles by a minimum of 2'-0" or tunnel as required.
11. The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
12. All manholes shall be 4'-0" inside diameter.
13. All horizontal and vertical controls are in Howard County Datum as extended from W. S. S. C.
14. Time of connection to existing 8" W to be as directed by Howard County Department of Pubic Works. It may be any time on any day or night.
15. Cost of grouted rip-rap to be included in unit price bid for furnishing and laying sewer mains.

QUANTITIES	
8" Sewer	1800 L.F.
8" Water	1475 L.F.
Fire Hydrants	2



Kenneth A. McLeod

Stakeout & Diary in F.B. # 4857

Maier Industrial Park
Section 1
Contract No. 382 W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-25-78 <i>W. O. Palmer</i> CHIEF-BUREAU OF WATER AND SEWER	CONTRACT NO. 382-W&S	PLAN OF WATER AND SEWER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 1 OF 2	SCALE AS SHOWN	43 NE 18-4 43 NE 18-3 43 NE 18-2 43 NE 18-1
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W. O. 6024

Aug 23, 1978

F.B. 4751

WS 382-W&S/1

