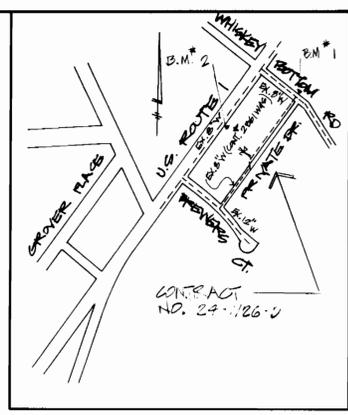
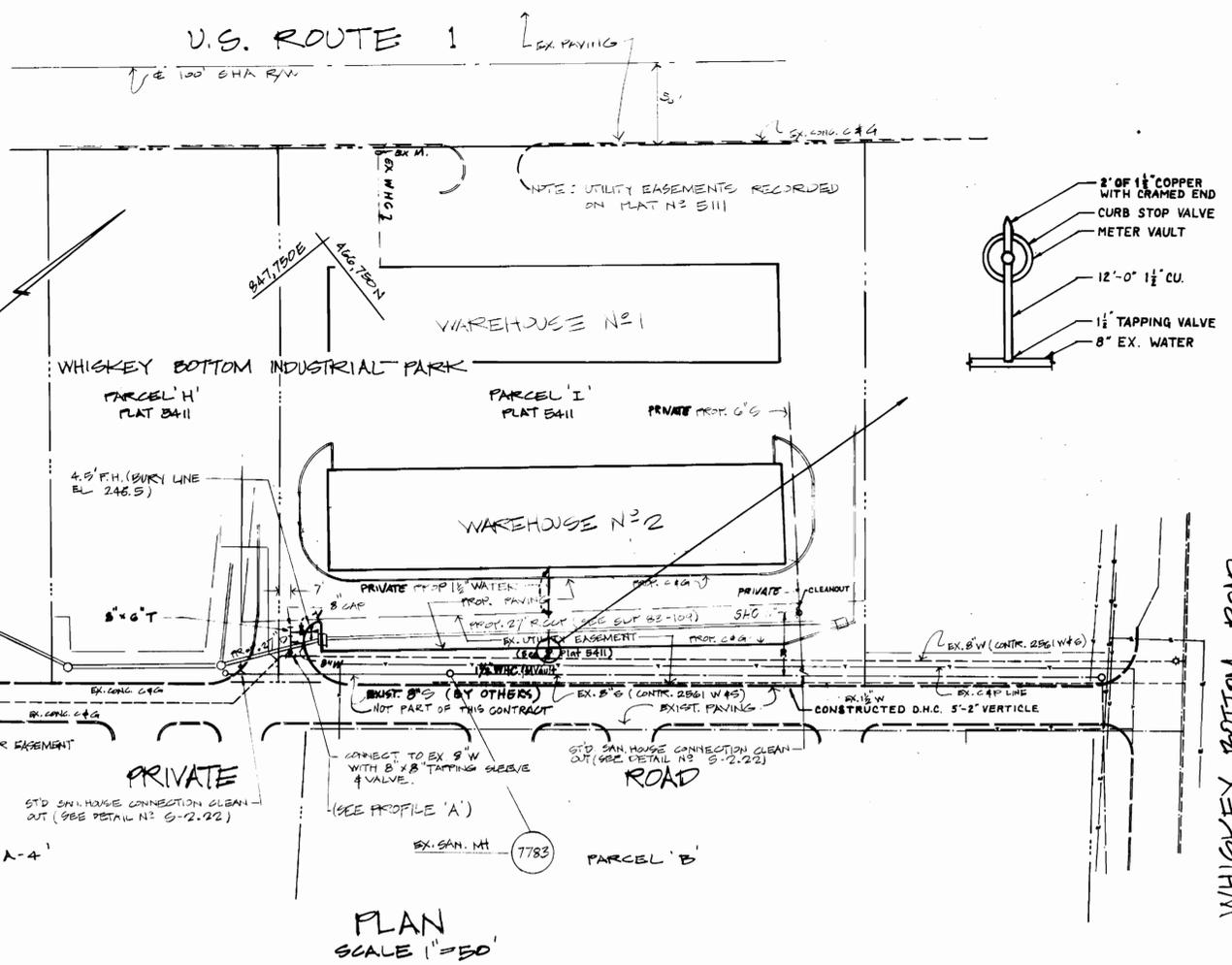


QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
FIRE HYDRANT	1	1	MUELLER / A+P
8" WATER L.F.	25'	25	D.P. TYLON JOINT / A+P
1 1/2" W.H.C.	5'	10	
METER VAULT	1	1	
6" S.H.C.	45'	45	P.V.C.



VICINITY MAP  
SCALE 1"=600'

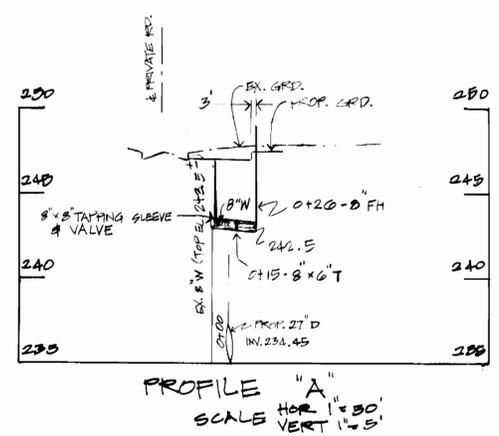
Waste Water Disposal: Savage  
Type of Buildings: Warehouses  
No of SHC: 1  
No of W.H.C.: 1  
No of Lof's: 1

WATER & SEWER CODE  
County Use:  
Water: 004  
Sewer: N/A

- GENERAL NOTES**
- 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 TO THE SATISFACTION OF THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
  - ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
  - ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
  - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
  - CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. ANY COST INCURRED TO THE CONTRACTOR FOR TUNNELING OR BRACING AT POLES SHALL BE INCLUDED IN UNIT PRICES BID FOR CONSTRUCTION OF THE MAIN.
  - FOR DETAILS NOT SHOWN ON THE DRAWINGS USE HOWARD COUNTY STANDARD DETAILS.
  - FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY STANDARD SPECIFICATIONS.
  - CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO (2) WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES AT HIS OWN EXPENSE.
  - CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
    - STATE HIGHWAY ADMINISTRATION - 531-5533
    - BALTIMORE GAS & ELECTRIC COMPANY - UNDERGROUND ELECTRIC DISTRIBUTION CUSTOMER SERVICE - 685-0123
    - BALTIMORE GAS & ELECTRIC COMPANY - UNDERGROUND GAS DISTRIBUTION CUSTOMER SERVICE - 685-0123
    - ENGINEERING - "DAMAGE CONTROL" - 234-5621
    - "MISS UTILITY" - 1-559-0100
    - CHESAPEAKE & POTOMAC (CAP) TELEPHONE COMPANY - 725-9976
    - AMERICAN TELEPHONE AND TELEGRAPH - CABLE LOCATION DIVISION - 393-3553
    - COLONIAL PIPELINE COMPANY - 781-4641
    - BUREAU OF UTILITIES HOWARD COUNTY - 392-2366
  - TREES ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
  - CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION AS DIRECTED BY THE ENGINEER. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
  - PLACE REGULATION "MEN WORKING" AND WARNING SIGNS AS REQUIRED TO COMPLY WITH MARYLAND STATE HIGHWAY ADMINISTRATION MANUAL OF "TRAFFIC CONTROL FOR HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS."
  - ALL WATER MAINS SHALL BE D.I.P. UNLESS OTHERWISE NOTED.
  - TOP OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3-1/2" COVER UNLESS OTHERWISE NOTED.
  - VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
  - BLOCK ALL FITTINGS WITH CONCRETE.
  - BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT TO BE COMPACTED IN ACCORDANCE WITH SECTIONS 37.01 AND 37.05 OF THE STANDARD SPECIFICATIONS.
  - THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
  - ALL OTHER WATER HOUSE CONNECTION SHALL UTILIZE FLARED TYPE FITTING ONLY.

- BENCH MARKS**
- N#1 - IR SPIKE IN P.G. #4E POLE #283032 N. SIDE OF WHISKEY BOTTOM ROAD 300' EAST OF U.S. ROUTE 1 ELEV. 222.28
  - N#2 - STATION N# 17+2003 - SPIKE IN PAVING SOUTHEAST SIDE U.S. ROUTE 1, 400' SOUTHWEST OF WHISKEY BOTTOM RD. ELEV. 249.058

PLAN SCALE 1"=50'



PROFILE "A"  
SCALE HOR 1"=30'  
VERT 1"=5'

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE STANDARD SPECIFICATIONS AS PER SDP 83-128 & SDP 83-129

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James M. Helmyer 7/26/83  
SIGNATURE DATE  
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY HOWARD COUNTY CONSERVATION DISTRICT.

APPROVED: *Wendell Rame* 7-26-83  
HOWARD S.C.D. DATE

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

James M. Helmyer 7/26/83  
DIRECTOR OF PUBLIC WORKS DATE

Robert M. Reimer 7-25-83  
CHIEF - BUREAU OF UTILITIES DATE

William S. Reilly 7/26/83  
CHIEF - BUREAU OF ENGINEERING DATE

Robert M. Reimer 7-26-83  
CHIEF - LAND DEVELOPMENT DIVISION DATE

PREPARED BY  
H. MALMUD & ASSOC. INC.  
8815 MEADOW HEIGHTS RD.  
RANDALLSTOWN, MD. 21133  
TELEPHONE (301) 655-6465



WATER MAIN  
PLAN & PROFILE  
VICINITY MAP  
GENERAL NOTES

600' SCALE MAP NO. \_\_\_\_\_ BLOCK NO. \_\_\_\_\_

WHISKEY BOTTOM INDUSTRIAL PARK  
ELECTION DISTRICT - GUILFORD No. 6  
PARCEL "H"  
CONTRACT NO. 24-1126-D

SCALE AS SHOWN  
SHEET 1 OF 1