



LOCATION MAP SCALE: 1"=600'

WATER CODE No. E 13

TYPE OF BUILDING - OFFICE
 NO. OF LOTS 1
 NO. OF WATER CONNECTIONS - 1

- ### 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 AT THE CONTRACTOR 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 EXCAVATION AND BACKFILL.
 - FOR DETAILS NOT SHOWN ON THE DRAWINGS USE HOWARD COUNTY STANDARD DETAILS.
 - FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY 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 ON THESE PLANS:
 - STATE HIGHWAY ADMINISTRATION - 531-5533
 - BALTIMORE GAS & ELECTRIC COMPANY - UNDERGROUND ELECTRIC DISTRIBUTION CUSTOMER SERVICE 685-0123
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 - ENGINEERING DAMAGE CONTROL - 234-5421
 - MISS UTILITY - 1-550-0100
 - CHESAPEAKE & POTOMAC (C&P) TELEPHONE COMPANY 725-0076
 - AMERICAN TELEPHONE AND TELEGRAPH-CABLE LOCATION DIVISION 303-8553
 - COLONIAL PIPELINE CO 781-4641
 - BUREAU OF UTILITIES HOWARD CO. 302-2366
 - 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 EXCAVATION & BACKFILL.
 - PLACE REGULATION "MEN WORKING AND WARNING SIGNS AS REQUIRED TO COMPLY WITH MARYLAND S.H.A. MANUAL OF TRAFFIC CONTROL FOR HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS.
 - ALL WATER MAINS TO BE C.I.P. OR D.I.P. UNLESS OTHERWISE NOTED.
 - TOP OF ALL WATER MAINS TO HAVE A MIN OF 3/2' 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 SET ON 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 SECTION 5-15 OF THE STANDARD SPECIFICATIONS.
 - ALL WATER HOUSE CONNECTIONS SHALL BE FOR AN INSIDE METER SETTING.
 - THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
 - WATER HOUSE CONNECTIONS MUST HAVE 1.0 MIN VERT. CLEARANCE ABOVE SEWER MAINS AT CROSSINGS.

QUANTITIES			
ITEM	THIS CONTRACT	AS BUILT	SUPPLIER
8" WATER	435 LF	435.0	ATLANTIC STATES
6" WATER	18 LF	26.5	COST IRON
6" VALVE	-	-	-
4" VALVE	1	1	-
FIRE HYDRANT	1	1	DIP WATER & SEWER
4" WATER	-	28.0	ATLANTIC STATES COST IRON

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE STANDARD SPECIFICATIONS AND SDP 81-115

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

John F. Nunn 6-3-81
 DIRECTOR OF PUBLIC WORKS DATE

William R. Kelly 6/2/81
 CHIEF, BUREAU OF ENGINEERING DATE

Robert M. Bruner 5/28/81
 CHIEF, BUREAU OF UTILITIES DATE

William F. Kline 6-2-81
 CHIEF, LAND DEVELOPMENT DIVISION DATE

HUDKINS ASSOCIATES INC.
 ENGINEERS & LAND SURVEYORS
 101 SHELL BUILDING
 200 E. JOPPA RD. TOWSON, MD 21204

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

William F. Kline 5-26-81
 SIGNATURE DATE
 U.S. SOIL CONSERVATION SERVICE

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

William F. Kline 5-26-81
 HOWARD S.C.D. DATE



CONTRACT No. 44-0080-D

PLAN AND PROFILE
 WATER MAIN

PARCEL A-2 VILLAGE OF OWEN BROWN
 SECT. 3 AREA 1 - PHASE II
 ELECTION DISTRICT G
 HOWARD COUNTY, MARYLAND

VILLAGE OF OWEN BROWN
 SECT. 3 AREA 1

DRAWING No. 1 OF 1

SCALE: PLAN: 1"=50' PROFILE: 1"=10' VERT. 1"=10'

JOB DATE: MAY 21, 1981