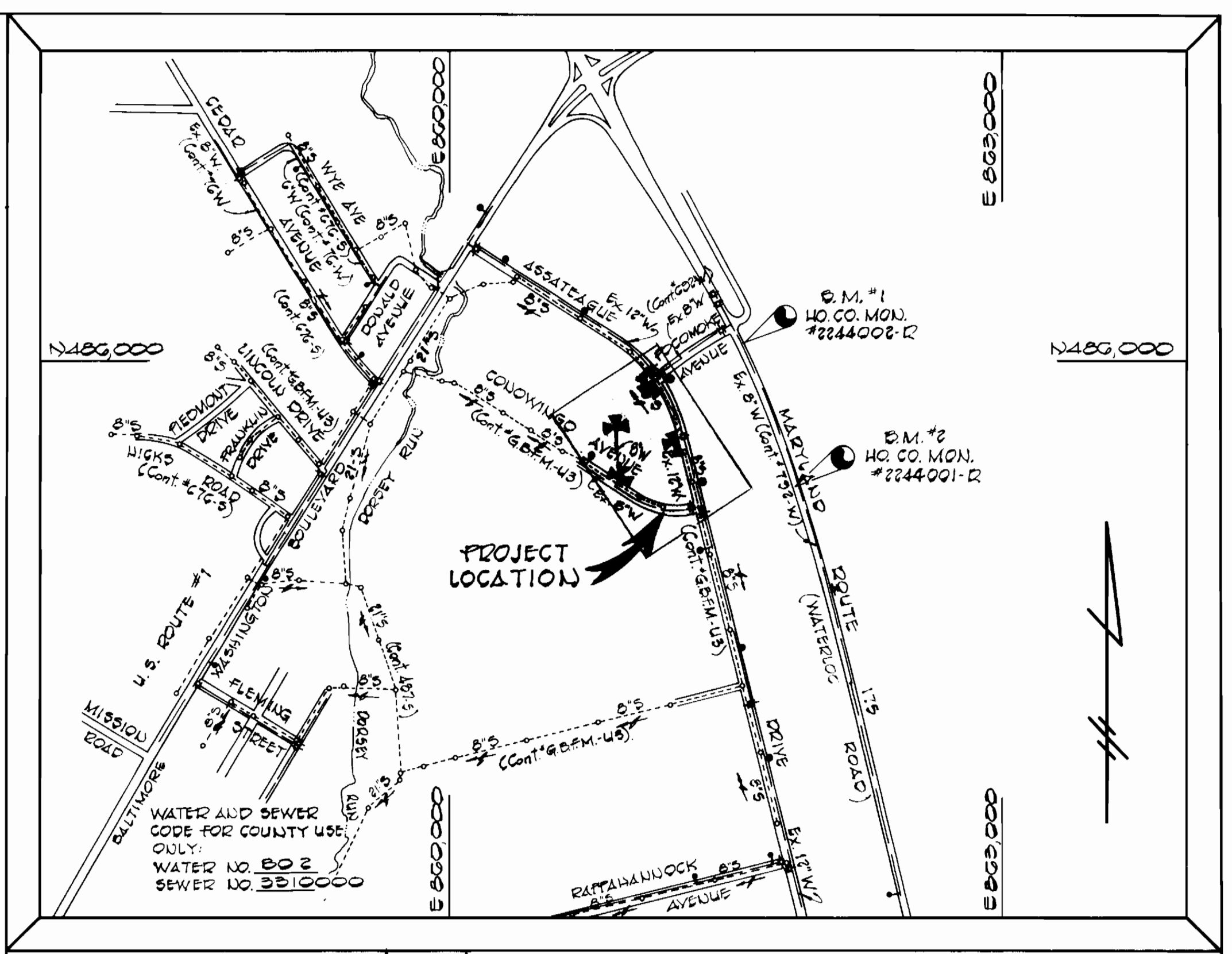


BENCH MARKS
 B.M. #1 ELEV. 252.07
 HO. CO. MON. # 2244002-R, CONC. MONUMENT (SEE VICINITY MAP)
 B.M. #2 ELEV. 252.59
 HO. CO. MON. # 2244001-R, CONC. MONUMENT (SEE VICINITY MAP)

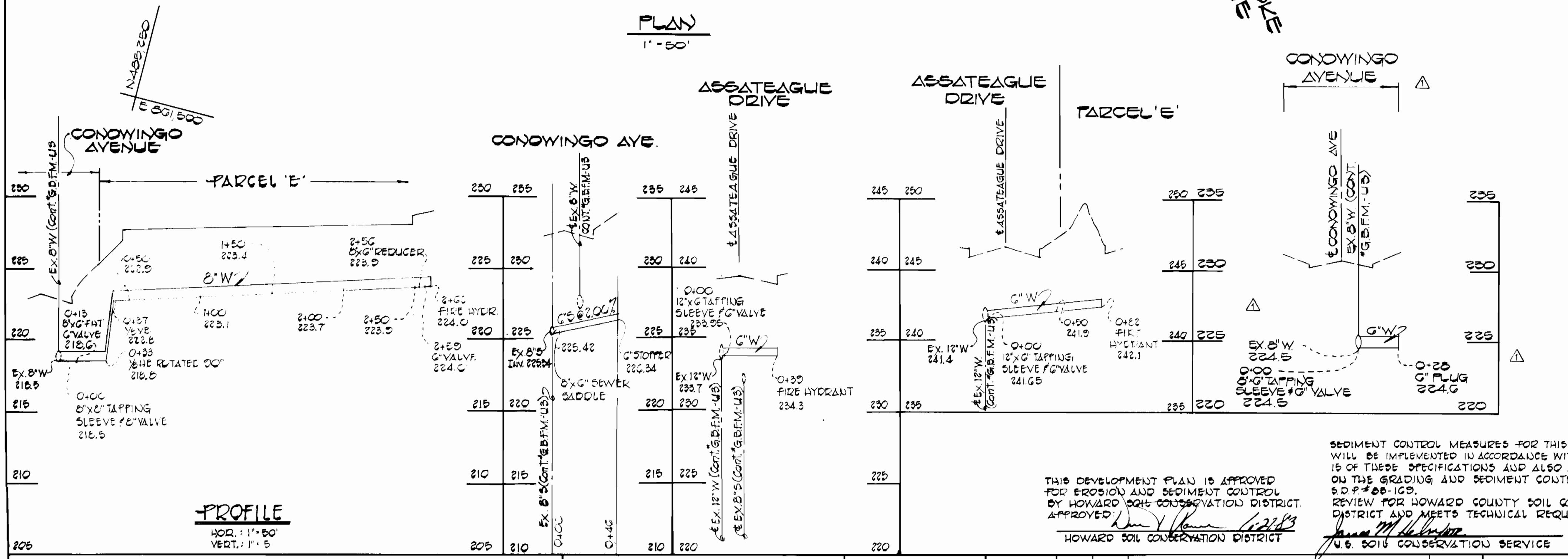


TYPE OF BUILDINGS: WAREHOUSE/OFFICE
 NUMBER OF PARCELS: ONE
 NUMBER OF SEWER HOUSE CONNS.: ONE
 DRAINAGE AREA: CORREY

VICINITY MAP
 SCALE: 1"=600'

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 POLE 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 STANDARDS 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:
 BALTIMORE GAS & ELECTRIC CO.- UNDERGROUND GAS DISTRIBUTION
 CUSTOMER SERVICE: 685-0123
 BALTIMORE GAS & ELECTRIC CO.- UNDERGROUND ELECTRIC DISTRIBUTION
 CUSTOMER SERVICE: 685-0123
 ENGINEERING DAMAGE CONTROL: 234-5621
 MISS UTILITY: 1-555-0100
 CHESAPEAKE POTOMAC TELEPHONE COMPANY: 725-9976
 BUREAU OF UTILITIES-HOWARD COUNTY: 992-2366
- 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 SEWER MAINS SHALL BE HDPE, C.S.P.X., R.C.S.P., PVC, VCPX OR ACP CLASS 2400, UNLESS OTHERWISE NOTED.
- ALL WATER MAINS TO BE C.I.P. OR DIP UNLESS OTHERWISE NOTED.
- TOP OF WATER MAINS TO HAVE A MINIMUM OF 3'-6" 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 IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT TO BE COMPACTED IN ACCORDANCE WITH SECTIONS 3701 AND 3705 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 MAINS AND WATER HOUSE CONNECTION LINES MUST BE PLACED SO AS TO HAVE AT LEAST ONE (1) FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
- ALL WATER HOUSE CONNECTIONS SHALL BE DUAL CONNECTIONS IN ACCORDANCE WITH DETAIL W-3.25, UNLESS OTHERWISE NOTED.
- ALL SEWER HOUSE CONNECTIONS SHALL BE TWIN SEWER HOUSE CONNECTIONS, UNLESS OTHERWISE NOTED.
- FOR ALL COPPER WATER CONNECTIONS, UTILIZE FLARED TYPE FITTINGS ONLY.
- TWO (2) INCH WATER HOUSE CONNECTION SHALL BE IN ACCORDANCE WITH DETAIL W-324, REVISED.



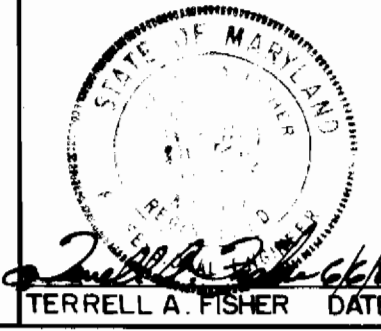
SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THESE SPECIFICATIONS AND ALSO AS SHOWN ON THE GRADING AND SEDIMENT CONTROL PLAN S.D.P. # 08-109.
 REVIEW FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 APPROVED: *James M. McArthur*
 U.S. SOIL CONSERVATION SERVICE DATE: 6/27/83

ITEM	EST'D	AS-BUILT	SUPPLIER
8" SEWER	46 LF	45	J.M.Pvc/Flow
8" WATER	253 LF	248.6	Griffen D.I.P.
6" WATER	174.445 LF	168	Griffen D.I.P.
2" WATER	28 LF		
FIRE HYDR.	4 EA.	4	M.H. Dresser
1 1/2" T.S.V.	2 EA.	2	Clow/Flow
2" T.S.V.	1 EA.	1	Clow/Flow
8" T.S.V.	1 EA.	1	Clow/Flow

CONTRACT NO. 14-1128-D
 PARCEL 'E' - BLOCK 'A'
 MARYLAND WHOLESALE
 FOOD CENTER
 WATER AND SEWER MAINS

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DIRECTOR OF PUBLIC WORKS: *Robert M. Beinger* DATE: 6-29-83
 CHIEF, BUREAU OF UTILITIES: *Robert M. Beinger* DATE: 6-29-83
 CHIEF, BUREAU OF ENGINEERING: *William H. Ray* DATE: 6-29-83
 CHIEF, LAND DEVELOPMENT DIVISION: *William H. Ray* DATE: 6-29-83

FISHER, COLLINS, AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 DATE: 6/9/83



DES. T.A.F.	DRN. D.B.S.	CHK. T.A.F.	DATE
			6/9/83

PLAN AND PROFILE
WATER AND SEWER MAINS
 DATE: 11-14-83

PARCEL 'E' - BLOCK 'A'
MARYLAND WHOLESALE FOOD CENTER
 CONTRACT NO. 14-1128-D
 SIXTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE AS SHOWN
 SHEET 1 OF 1