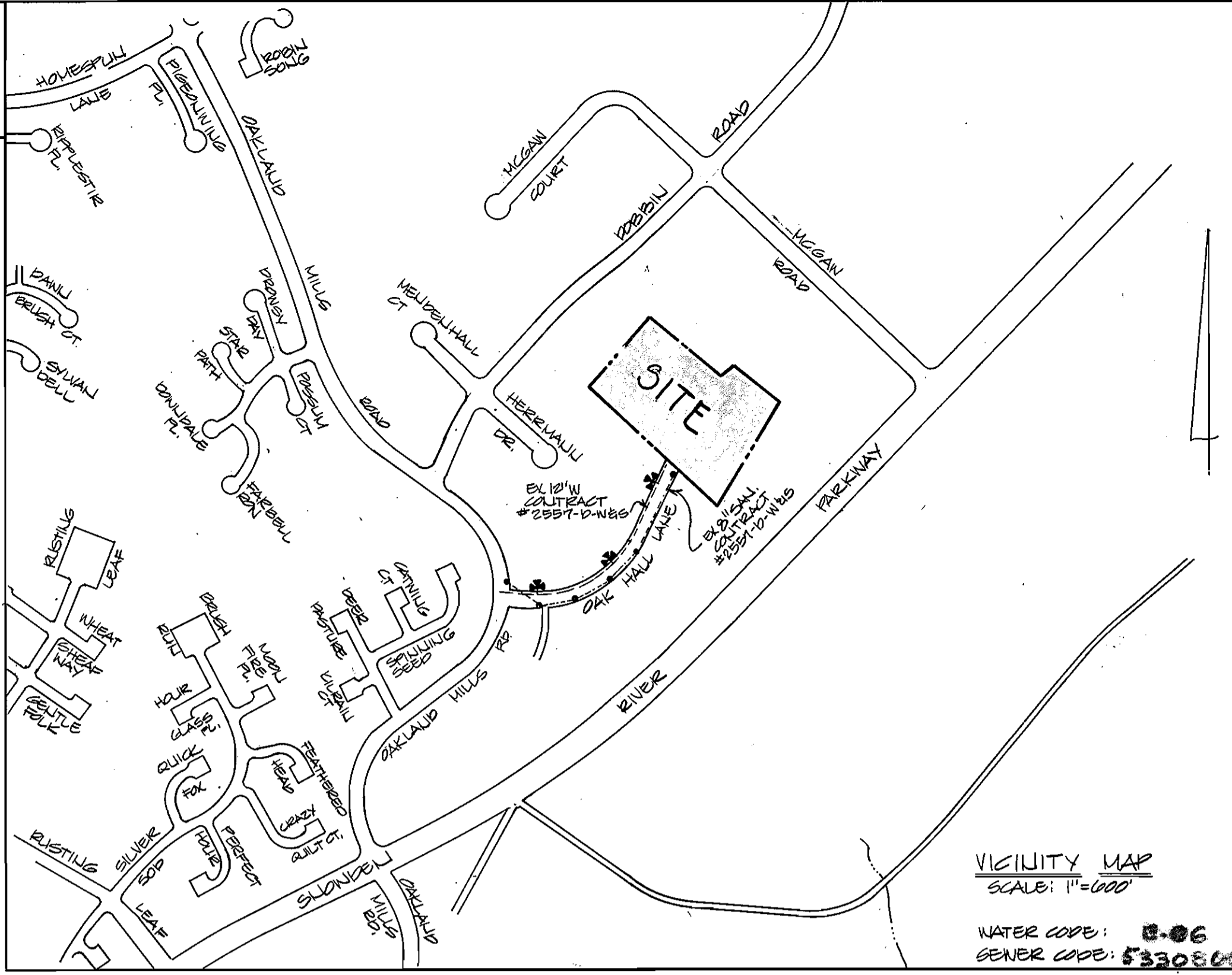
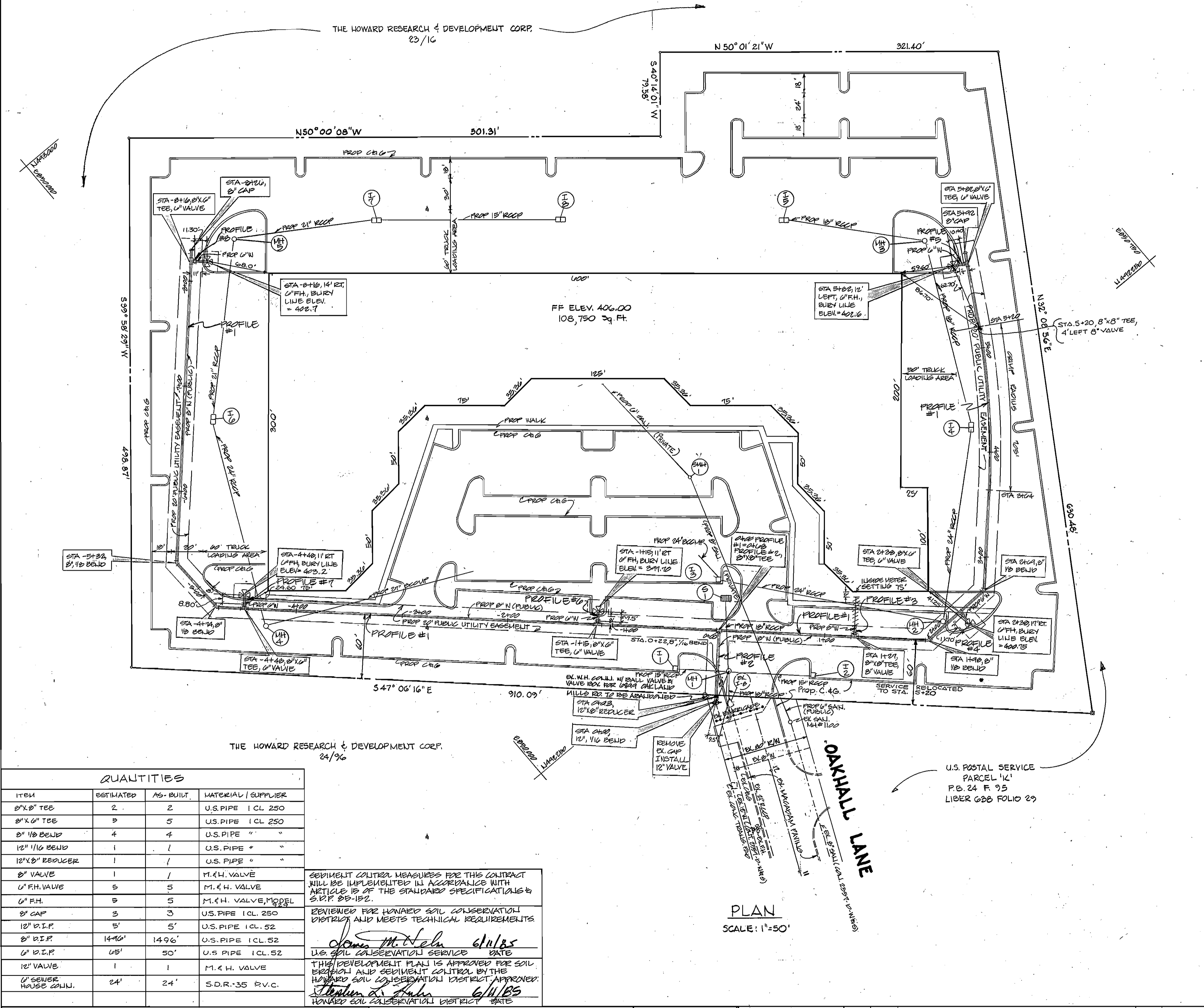


TYPE OF BUILDING: OFFICE/WAREHOUSE
 NUMBER OF LOTS: 1
 NUMBER OF WATER H.G.: 1
 NUMBER OF SEWER H.G.: 1
 DRAINAGE AREA: LITTLE PATUXENT



B.M. X-CUT EAST HOLD DOWN BOLT ON R.H. (E STA. 11+50, WEST SIDE OAK HALL LAINE. ELEV. 387.84

- 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 CONTROL ARE BASED ON MARYLAND STATE COORDINATES.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS, UNLESS OTHERWISE NOTED.
- ALL UTILITIES BY A MINIMUM 6" CLEAR ALL PILES BY 2'-0" MINIMUM OR TUNNELED AS REQUIRED. ALL COST INCURRED TO THE CONTRACTOR FOR TUNNELING OR BRACING AT PILES, SHALL BE INCLUDED IN UNIT PRICES BID FOR CONSTRUCTION OF THE MAIN.
- FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME II, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION. THE CONTRACTOR SHALL HAVE A COPY OF VOLUME II ON THE JOB.
- CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO 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 WORKING DAYS BEFORE STARTING WORK ON THESE PLANS: STATE HIGHWAY ADMINISTRATION - 531-5533; BALTO. GAS & ELECTRIC CO. - CONTRACTOR SERVICES - 561-2525; BALTO. GAS & ELECTRIC CO. UNDERGROUND DAMAGE CONTROL - 284-2400; BALTO. GAS & ELECTRIC CO. TROUBLE SHOOTING 284-4013; MISS UTILITY - 539-0100; CALDWELL PIPELINE CO. 795-1300; BUREAU OF UTILITIES, HOWARD CO., DEPT. OF PUBLIC WORKS 999-2366.
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES AND SHRUBS 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. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- ALL WATER MAINS TO BE D.I.P. UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3" COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS TO BE SET 3" (THREE) BEHIND PROPOSED FACE OF CURB UNLESS NOTED OTHERWISE. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 103 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS, INSIDE METER SETTING UNLESS OTHERWISE SHOWN.
- ALL WATER HOUSE CONNECTIONS SHALL COMPLY WITH HOWARD CO. STD. 3.21 AS SHOWN ON ARTICLE 40 SPECIAL PROVISIONS.
- MINIMUM GRIP RADIUS WILL BE AS SPECIFIED BY PIPE MANUFACTURER.
- PLACE REGULATION WHEN WORKING AND WARNING SIGNS AS REQUIRED TO COMPLY WITH THE MD. STATE HIGHWAY ADMINISTRATIONS MANUAL FOR HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS.



QUANTITIES

ITEM	ESTIMATED	AS-BUILT	MATERIAL / SUPPLIER
8" x 8" TEE	2	2	U.S. PIPE ICL 250
8" x 6" TEE	3	5	U.S. PIPE ICL 250
8" 1/2 BEND	4	4	U.S. PIPE "
12" 1/16 BEND	1	1	U.S. PIPE "
12" x 8" REDUCER	1	1	U.S. PIPE "
8" VALVE	1	1	M.F.H. VALVE
6" F.H. VALVE	5	5	M.F.H. VALVE
6" F.H.	5	5	M.F.H. VALVE, MODEL 283
8" CAP	3	3	U.S. PIPE ICL 250
12" D.I.P.	5'	5'	U.S. PIPE ICL 52
8" D.I.P.	14'-6"	14'-6"	U.S. PIPE ICL 52
6" D.I.P.	65'	50'	U.S. PIPE ICL 52
12" VALVE	1	1	M.F.H. VALVE
6" SEWER HOUSE COLL.	24'	24'	S.D.R. 35 P.V.C.

SEWAGE TREATMENT MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE STANDARD SPECIFICATIONS & S.D.P. 85-152.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE DATE: 6-14-85

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEWAGE TREATMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT, APPROVED: 6/14/85

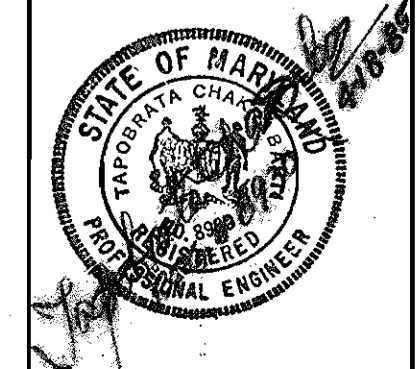
HOWARD SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF ENGINEERING DATE: 6-17-85

CHIEF, LAND DEVELOPMENT DIVISION DATE: 6-14-85

ENGINEER
 GEORGE W. STEPHENS, JR.
 AND ASSOCIATES
 303 ALLEGHENY AVENUE
 TOWSON, MARYLAND 21284
 825-0120



PROPOSED: C.A.H.
 DRAWN: C.A.H.
 CHECKED: P.R.C.

PL. 05133

BY	DATE	REVISION
C.A.H.	6-20-85	REV. 6" SEWER TO 8" SEWER COLL FROM EX. MANHOLE TO S.W.H.
C.A.H.	6-20-85	CHANGED STORM DRAIN ALIGNMENT

PLAN AND PROFILE FOR PROPOSED WATER MAIN

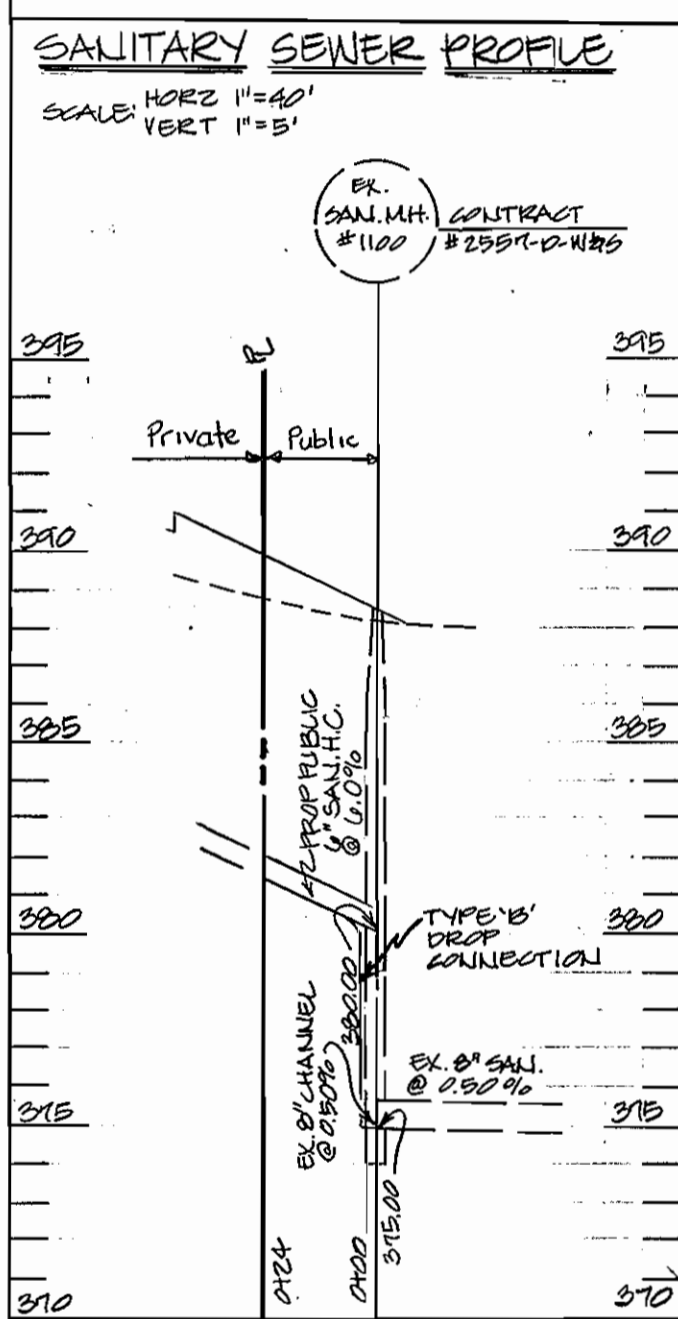
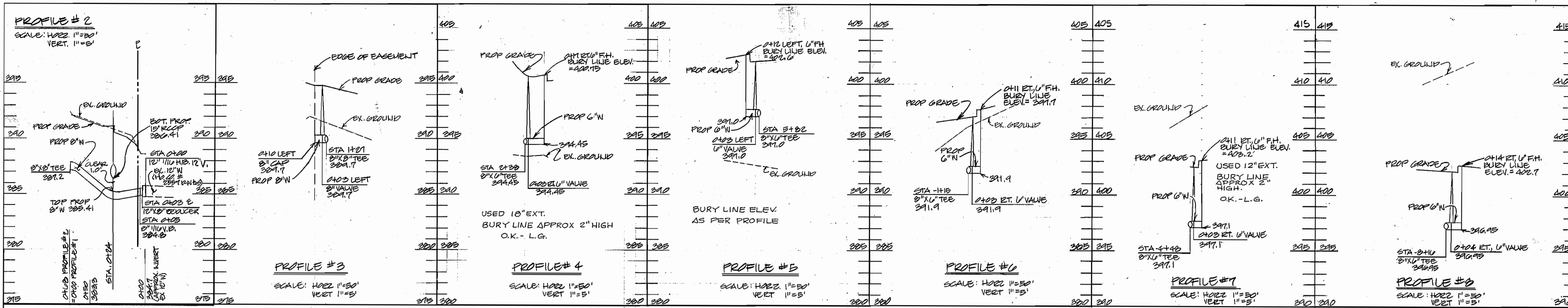
CONTRACT NO. 24-1369-D

600' SCALE MAP NO. 34 BLOCK NO.

PROPOSED OFFICE/WAREHOUSE
 MERRITT / DORSEY PROPERTY

HOWARD CO, MARYLAND ELECT. DIST. # 6
 APRIL 18, 1985

SCALE AS SHOWN
 SHEET NO. 1 OF 2



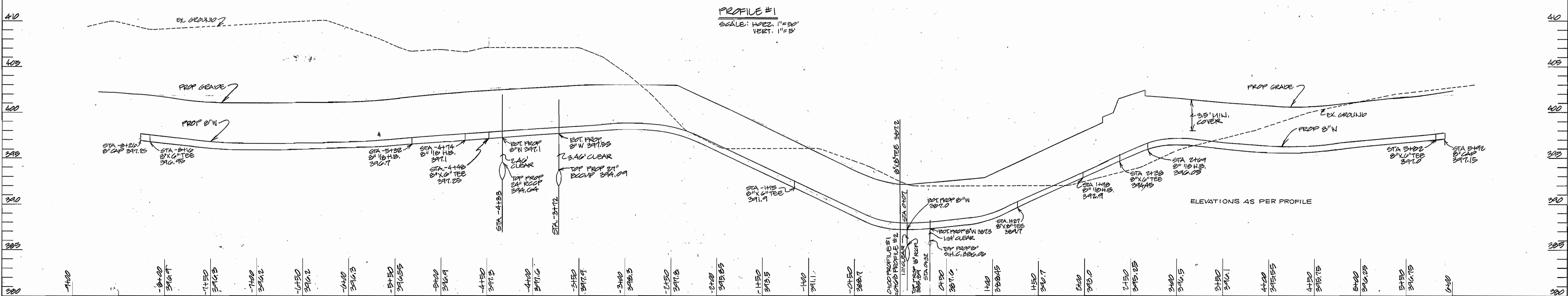
SEDDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE STANDARD SPECIFICATIONS & E.P.D.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE DATE

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

HOWARD SOIL CONSERVATION DISTRICT DATE



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James Nummy 6-17-85 *Robert Reimer* 6-14-85
DIRECTOR OF PUBLIC WORKS DATE CHIEF, BUREAU OF UTILITIES DATE

William S. Reay *William J. ...*
CHIEF, BUREAU OF ENGINEERING DATE CHIEF, LAND DEVELOPMENT DIVISION DATE

ENGINEER
GEORGE W. STEPHENS, JR.
AND ASSOCIATES
303 ALLEGHENY AVENUE
TOWSON, MARYLAND 21284
625-8120



DESIGNED: C.A.H.
DRAWN: C.A.H.
CHECKED: P.R.C.

REVISION

NO.	DATE	DESCRIPTION
1	3-20-85	REV. G. S.H.C. TO S.H.C. STA 3120, PROFILE #1
2	3-22-85	REV. PROP. GRADE AND PROFILE OF WATER, EEL STORM DRAIN LOCATIONS

PL. 05133

PLAN AND PROFILE FOR PROPOSED WATER MAIN

CONTRACT NO. 24-1369-D

UND. SCALE MAP NO. 30 BLOCK NO.

PROPOSED OFFICE/WAREHOUSE
MERRITT/DORSEY PROPERTY
HOWARD CO., MARYLAND ELECT. DIST. #6
APRIL 13, 1985

SCALE AS SHOWN
SHEET NO. 2002