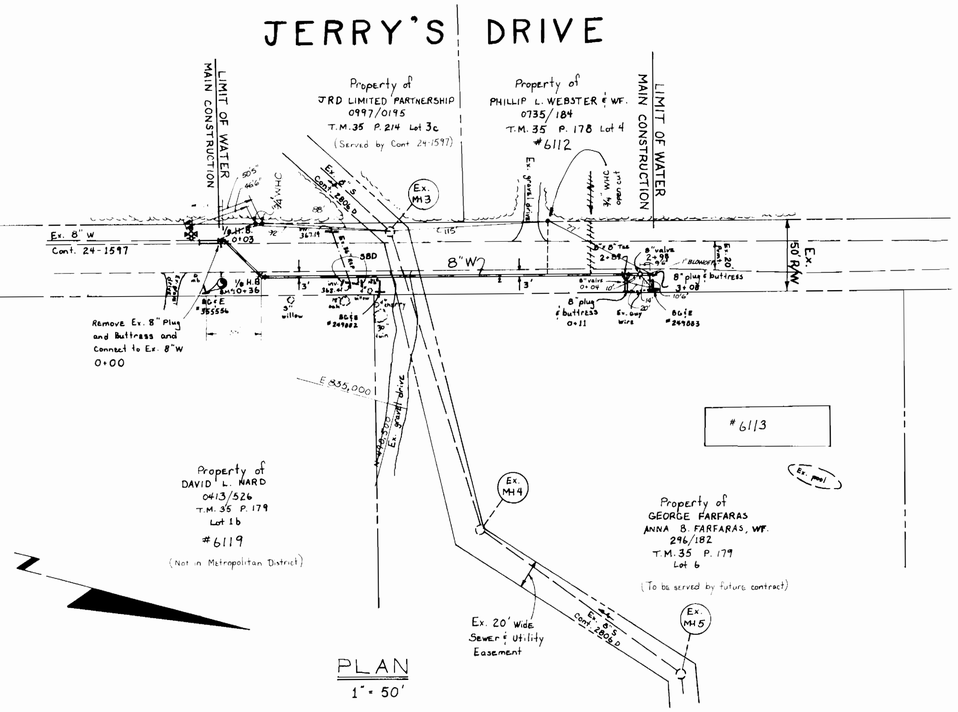
BENCHMARK:

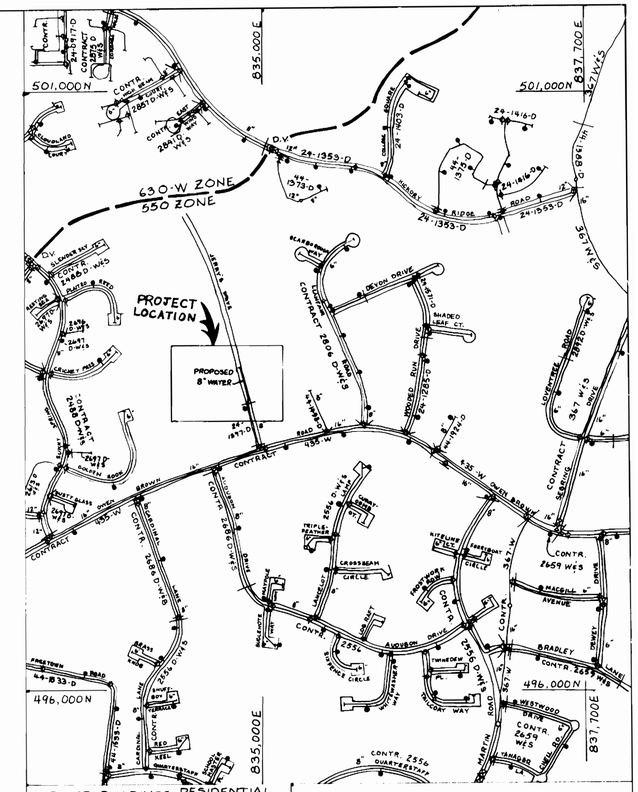
B.M. #1 ELEV. 374.25

RAILROAD SPIKE IN WEST SIDE OF POLE # 249882 LOCATED ON THE EAST SIDE OF JERRY'S LANE @ THE SOUTHERN END OF THIS PROJECT



PLAN

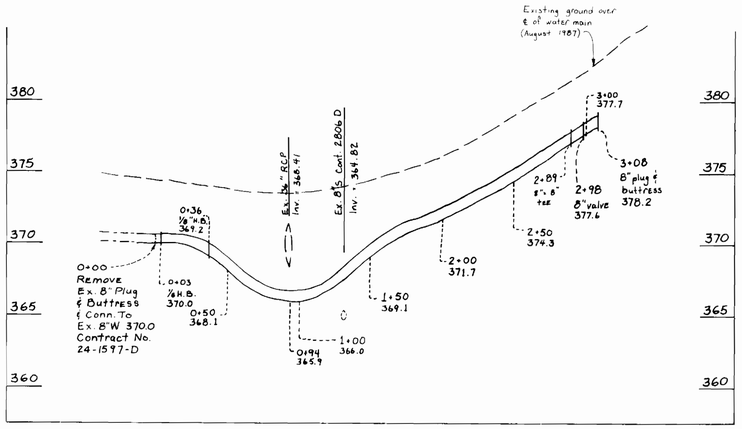
1" = 50'



TYPE OF BUILDINGS: RESIDENTIAL
NUMBER OF PARCELS: 1
NUMBER OF WATER HOUSE CONNS.: 1
DRAINAGE AREA: LITTLE PATUXENT

VICINITY MAP

SCALE 1" = 600'



PROFILE

SCALE: HOR. 1" = 50'
VERT. 1" = 5'

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 TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
2. ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
3. ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM
4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
5. CLEAR ALL UTILITIES BY A MINIMUM OF 6".
6. FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION. THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
7. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL ◪ AT THE LOCATION OF THE TEST PIT. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
8. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.

   STATE HIGHWAY ADMINISTRATION 531-5533
   BALTIMORE GAS & ELECTRIC CO. CONTRACTOR SERVICES 850-4620
   BALTIMORE GAS & ELECTRIC CO. UNDER GROUND DAMAGE CONTROL 859-9004
   BALTIMORE GAS & ELECTRIC CO. TROUBLE SHOOTING 298-9001
   MISS UTILITY 1-559-0100
   COLONIAL PIPELINE CO. 795-1390
   BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 992-2366
   CHESAPEAKE & POTOMAC (C & P) TELEPHONE COMPANY 1-800-257-7777
9. 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.
10. CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
11. ALL WATER MAINS TO BE D.I.P. CLASS 52, UNLESS OTHERWISE NOTED.
12. TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3-1/2' COVER UNLESS OTHERWISE NOTED.
13. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
14. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
15. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE 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 SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1003 OF THE STANDARD SPECIFICATIONS.
16. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
17. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
18. T.B. DENOTES TEST (SOIL) BORING

RESTORATION SCHEDULE

STATION	MATERIAL
0+00 to 3+08	SEED AND MULCH TO LEFT AND RIGHT OF EXISTING PAVING. BITUMINOUS CONCRETE IN ROAD

QUANTITIES

ITEM	EST'D	AS-BUILT	SUPPLIER (MANUFACTURER)
8" WATER	319 L.F.	310' DIP	M&C SALES - GRIFFIN
8" VALVES	2 EA.	2	M&C SALES - M&H
¾" WHC	35 L.F.	35' COPPER	M&C SALES
8"x8" TEE	1 EA.	1	M&C SALES GRIFFIN

SEDIMENT CONTROL NOTES

1. SEDIMENT CONTROL APPROVAL IS PREDICATED ON DAILY BACKFILLING OF ALL OPEN TRENCHES
2. PROVISIONS SHALL BE MADE FOR DAILY CLEANUP OF ANY SEDIMENT THAT ACCUMULATES ON THE PUBLIC RIGHTS-OF-WAY

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
APPROVED
U.S. SOIL CONSERVATION DISTRICT — DATE 9-21-87

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 15 OF THE HOWARD COUNTY DESIGN MANUAL, STANDARDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS — DATE
CHIEF, HIGHWAY ADMINISTRATION — DATE 9-23-87
CHIEF, BUREAU OF UTILITIES — DATE 9-28-87
CHIEF, UTILITY DESIGN DIVISION — DATE 9/17/87

HOWARD COUNTY
DEPARTMENT OF PUBLIC WORKS
UTILITY DESIGN DIVISION

DES: MH
DRN: MH
CHK: L.G.
DATE: 7-25-87

BY	NO	REVISION	DATE

VICINITY MAP
PLAN & PROFILE
OF WATER MAINS

600' SCALE MAP NO. 35 BLOCK NO.

JERRY'S DRIVE WATER MAIN EXTENSION
CAPITAL PROJECT W-8687
CONTRACT NO. 44-1706
ELECTION DISTRICT 5
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 1 OF 1

AS-BUILT 4-11-88

BRUNING 69'50