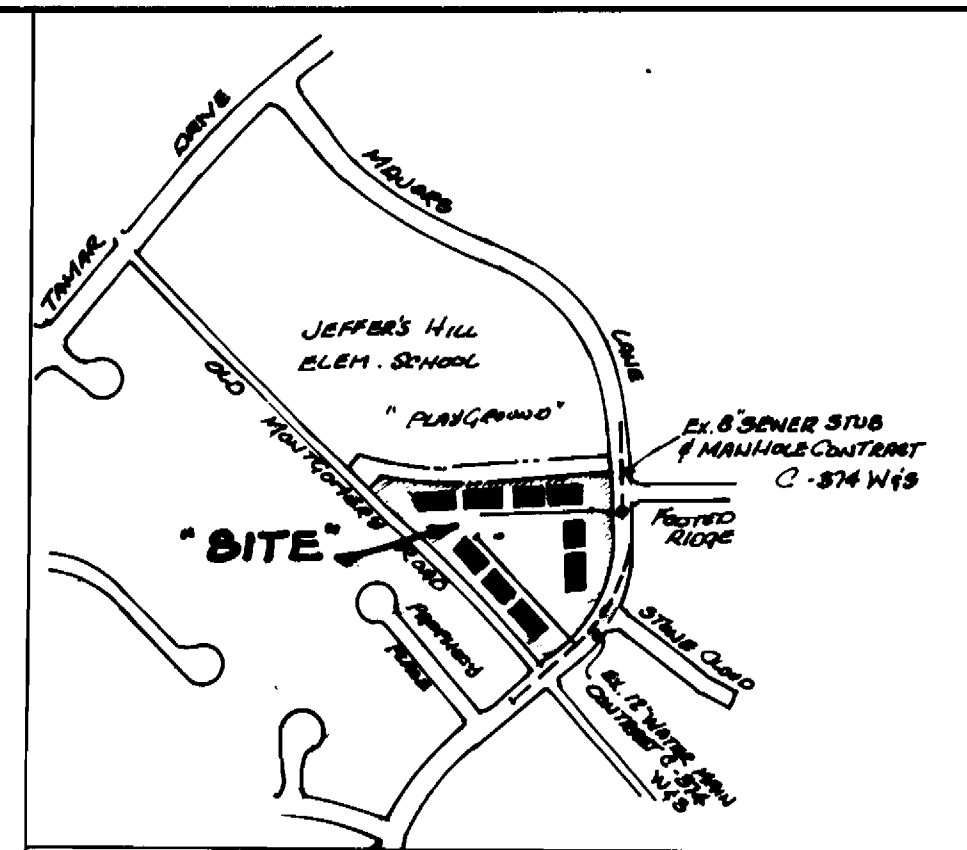
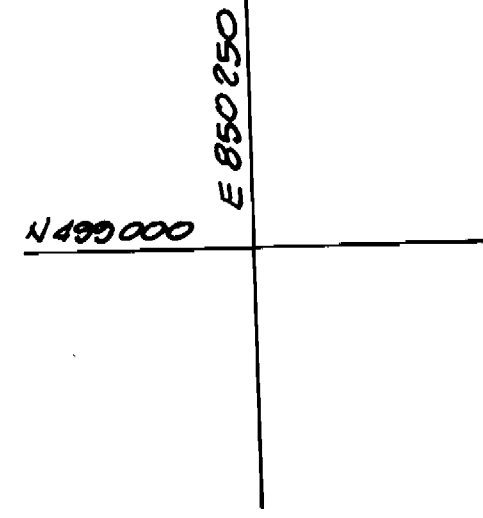


PLAN
SCALE: 1" = 50'



WATER CODE FOR COUNTY USE ONLY
WATER NO. E-04
SEWER CODE FOR COUNTY USE ONLY
SEWER NO. 5334200
NO. S.H.C. 1
NO. W.H.C. 45
DRAINAGE AREA: PATUXENT

LOCATION MAP
SCALE 1" = 600'

GENERAL NOTES

1. ALL WATER MAINS TO BE C.I.P. OR D.I.P. UNLESS OTHERWISE SHOWN.
2. TOP OF ALL WATER MAINS TO HAVE A MIN. OF 3.5' COVER UNLESS OTHERWISE SHOWN.
3. ALL VALVES TO BE STRAPPED TO TEES IN ACCORDANCE WITH STANDARD DETAILS.
4. BLOCK ALL FITTINGS WITH CONCRETE. SEE STANDARDS BOUND IN SPECS.
5. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRWGS. ALL FIRE HYDRANTS SHALL BE STRAPPED & BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND FIRE HYDRANTS SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1003 OF THE STANDARD SPECS.
6. APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
7. ALL HORIZONTAL CONTROLS ARE BASED ON MD STATE COORDINATES.
8. ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
9. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
10. CLEAR ALL UTILITIES BY A MINIMUM OF 6" CLEAR ALL POLES BY 2.0' MINIMUM OR TUNNEL AS REQUIRED.
11. FOR ALL STD. DETAILS, SEE STANDARDS BOUND IN SPECS.
12. CONTRACTOR SHALL LOCATE EXISTING UTILITIES IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES.
13. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK:
STATE HIGHWAY ADMIN. 531-5533
BALTO. G. & E. CO. - CONTRACTORS SERVICES 561-2505
BALTO. G. & E. CO. - TROUBLE SHOOTING 298-9013
BALTO. G. & E. CO. - UNDERGROUND DAMAGE CONTROL 234-5021
"MISS UTILITY" (1) 552-0100
BUREAU OF UTILITIES, HO. CO. D.P.W. 952-2300
A.T. & T. CABLE LOCATION DIVISION (1) 395-3555
COLONIAL PIPELINE CO. 781-4041
14. PLACE REGULATION MEN WORKING SIGNS & WARNING SIGNS AS REQ. TO COMPLY WITH MD. S.H.A. MANUAL OF TRAFFIC CONTROL FOR HIGHWAY CONSTRUCTION & MAINTENANCE OPERATIONS.
15. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METED SETTINGS, UNLESS OTHERWISE SHOWN.
16. SEDIMENT CONTROL MEASURE FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 19 OF THE HOWARD CO. STANDARDS SPECIFICATION AND AS PER SITE DEVELOPMENT PLAN 85-2300.
17. ALL SEWER MAINS SHALL BE C.S.P.X., V.C.P.X, RCSP, PVC, OR A.C.P. GLASS 2400 UNLESS OTHERWISE NOTED.

WATER QUANTITIES ONLY				
ITEM	ESTIMATE	AS-BUILT	TYPE MATERIAL	SUPPLIERS
6" FIRE HYDRANTS	2	2	US PIPE 1	BOUNDARY CO.
6" WATER MAINS	478 LF	478 LF	CLASS 52	SKIFFIN
6" WATER MAINS	78 LF	675 LF	CLASS 52	SKIFFIN
8" WATER MAINS	4	4	250	SKIFFIN
8" x 6" TEE	1	1	US PIPE 1	BOUNDARY CO.
6" VALVE BOXES	4	4	US PIPE 1	BOUNDARY CO.
12" x 18" TAPPING BOXES	1	1	250	SKIFFIN
6" x 6" TEE	1	1	250	SKIFFIN
34 WING	450 LF	657	K	HOWELL CO.

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS.
J. Helms 11-20-85
U.S. SOIL CONSERVATION DIST. DATE

HOWARD SOIL CONSERVATION DISTRICT
THIS PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.
Stephen L. Huber 11-20-85
HOWARD S.C.D. DATE

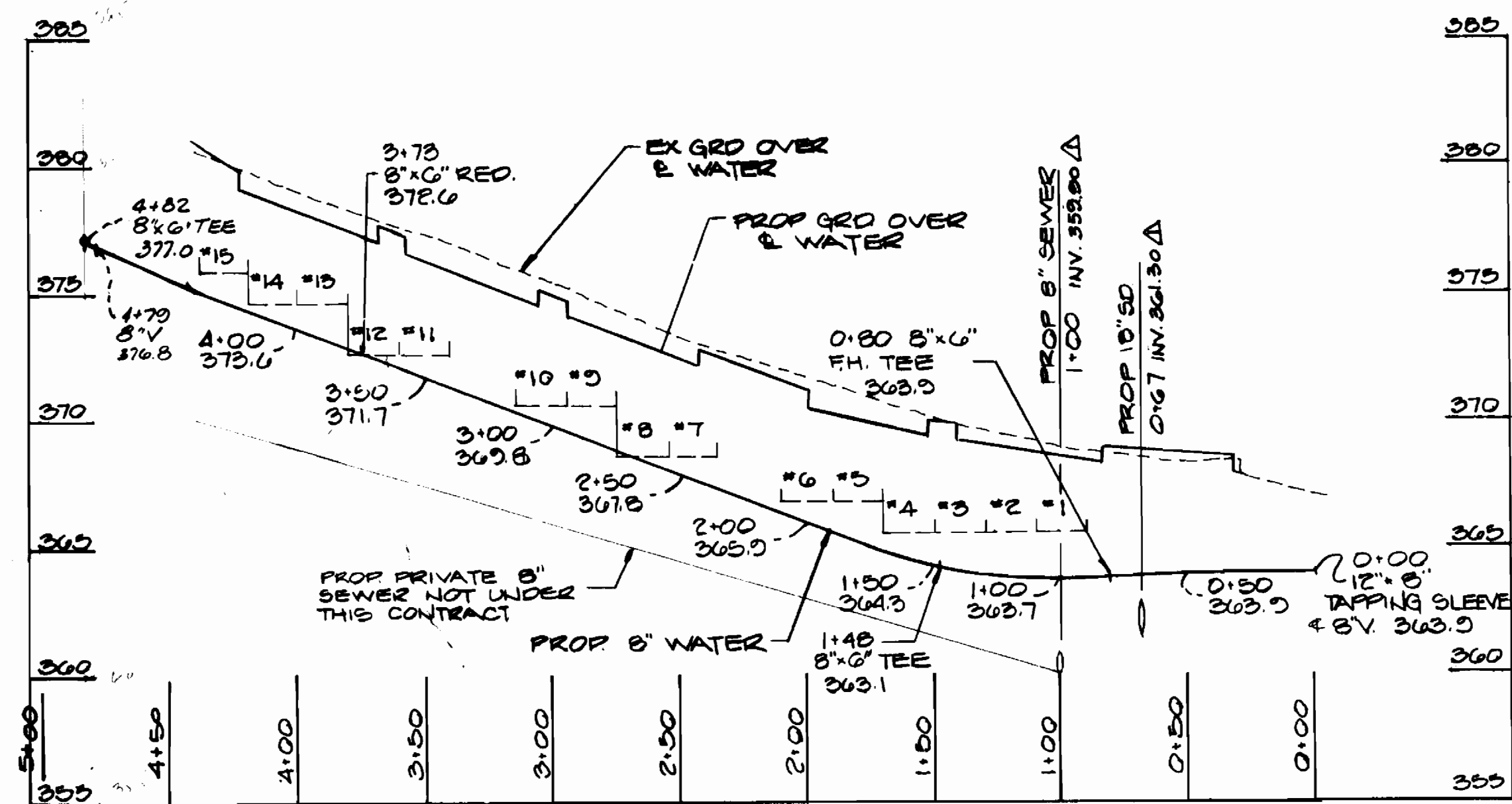
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
11-21-85
11-22-85
11-21-85

LAND DESIGN A9500.
416 EAST JOPPA ROAD
TOWSON, MD. 21284
301-281-0112

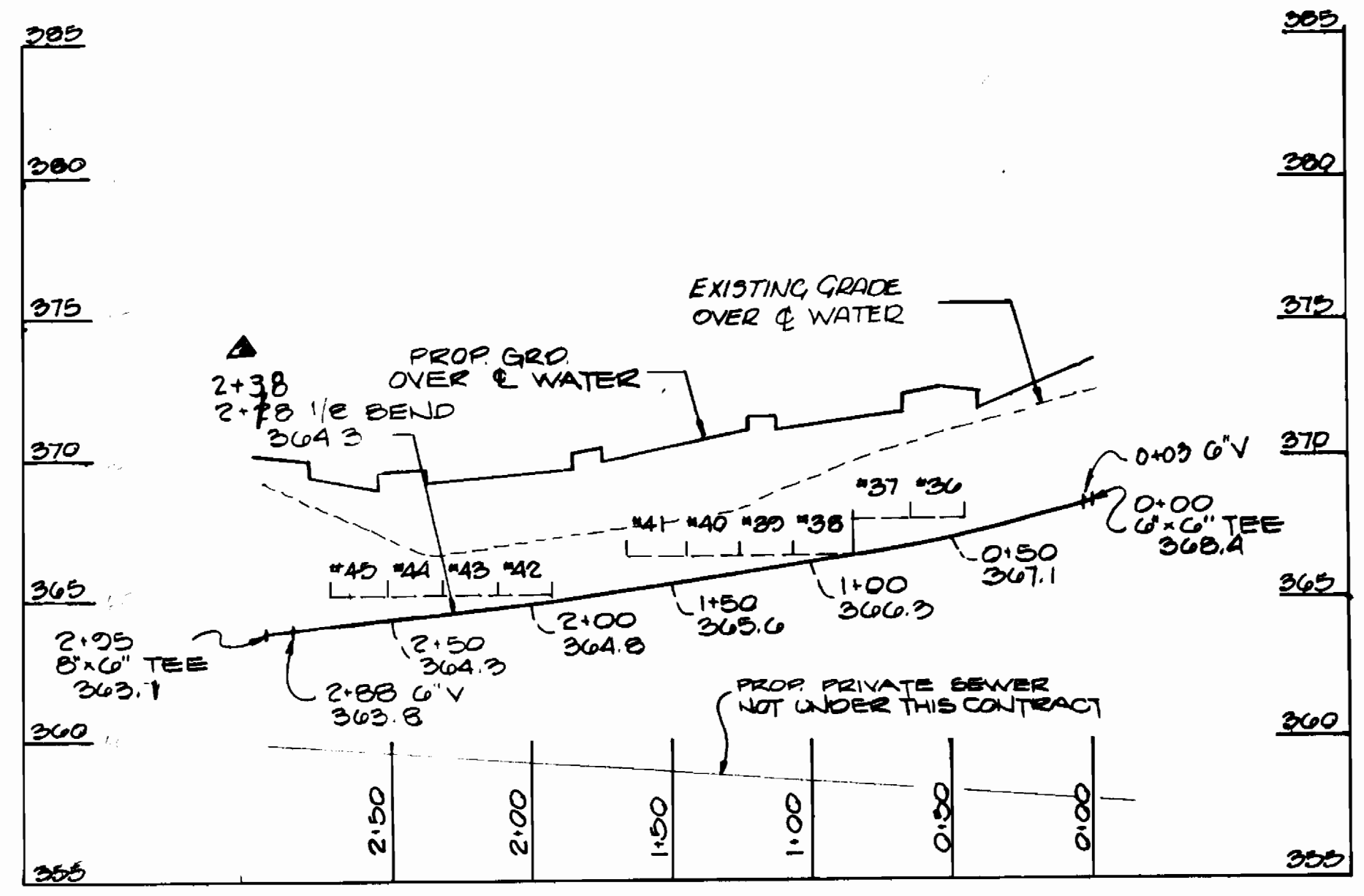


DES: AEL			
DRN: DG			
CHK: AEL			
DATE: 11-21-85			
BY NO.		REVISIONS	DATE

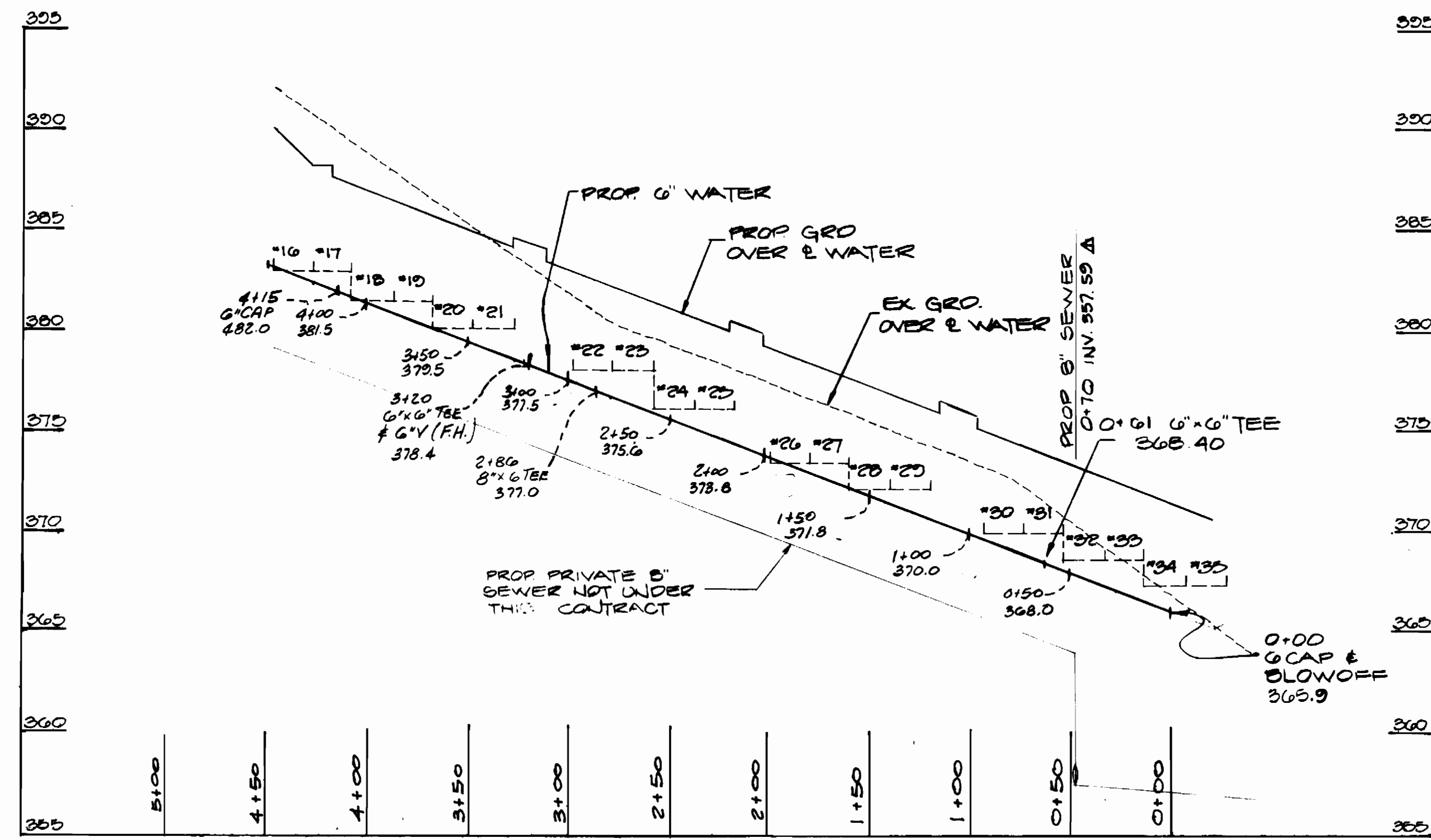
PUBLIC WATER MAIN PLAN
PARCEL "D"
VILLAGE OF LONGREACH
ELECTION DIST. #6 HOWARD COUNTY, MD.
OCT 30, 1985
TAX MAP 36 CONTRACT NO. 44-1419-D
SCALE AS SHOWN
SHEET 1 OF 2



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



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

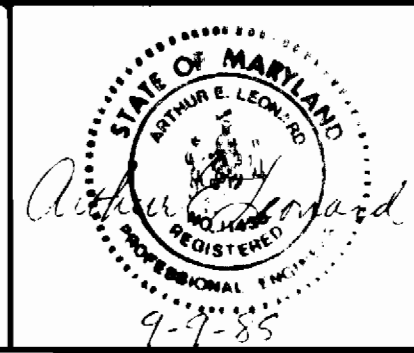


SCALE: 1"=50' HORIZ.
1"=5' VERT.

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS.
J. Helms 11-20-85
 U.S. SOIL CONSERVATION DIST. DATE
 HOWARD SOIL CONSERVATION DISTRICT
 THIS PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.
Heather L. Fuller 11-20-85
 HOWARD S.C.D. DATE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Harvey E. Nummy 11-21-85
 DIRECTOR OF PUBLIC WORKS DATE
Robert E. ... 11-21-85
 CHIEF BUREAU OF ENGINEERING DATE
 CHIEF BUREAU OF UTILITIES DATE
 CHIEF LAND DEVELOPMENT DIV. DATE

LAND DESIGN ASSOC.
 416 EAST JOPPA ROAD
 TOWSON, MD. 21204
 301. 281-0112



DESIGNER	R.L.W.	DATE	11/20/85
DRN. P.I.G.	H.B.B.	DATE	11/13/85
CHK. A.C.L.			
DATE	11-2-85	BY NO.	
REVISIONS		DATE	

WATER MAIN PROFILE
 1"=50' SCALE MAP NO. _____ BLOCK NO. _____

PARCEL "D"
 VILLAGE OF LONGREACH
 ELECTION DIST. #6 HOWARD COUNTY, MD.
 OCT. 30, 1985
 TAX MAP 36 CONTRACT NO. 44-1419-0
 SHEET 2 OF 2