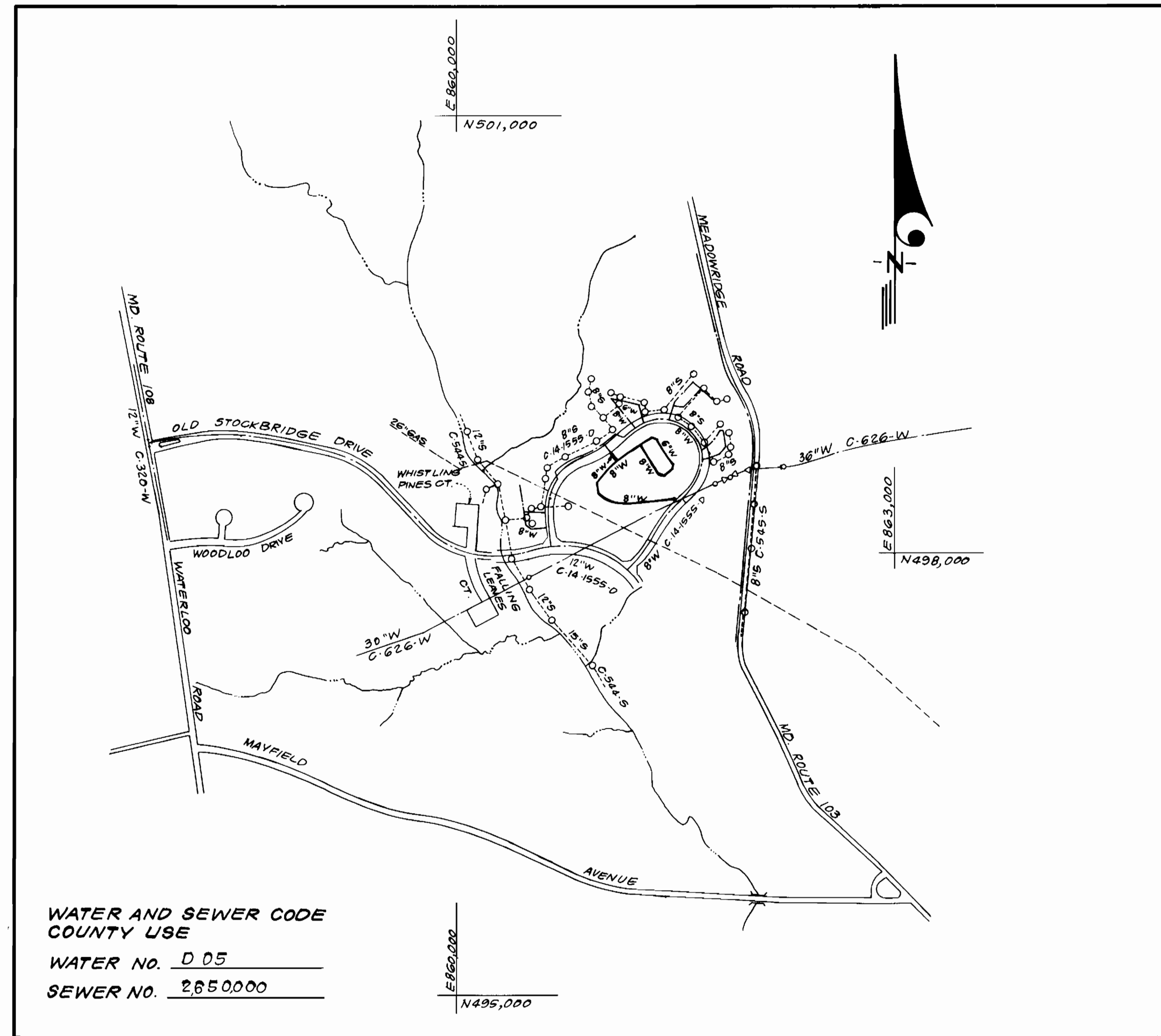


TYPE OF BUILDING	Condominiums
NO OF UNITS	140
NO OF SHC'S	1
NO OF WHC'S	10
DRAINAGE AREA	Patapsco



WATER AND SEWER CODE COUNTY USE
 WATER NO. D 05
 SEWER NO. 2,850,000

VICINITY MAP

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 Inspector, 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 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 Standard Specifications & Ho. Co. Design Manual, Volume II. The contractor shall have Volume II on the job.
 - 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.
 State Highway Administration - 531-5533
 Baltimore Gas & Electric Company - Contractor Services - 850-4620
 Baltimore Gas & Electric Company - Underground Damage Control - 859-9004
 Baltimore Gas & Electric Company - Trouble Shooting - 298-9001
 "Miss Utility" - 1-559-0100
 Chesapeake & Potomac (C & P) Telephone Company - 1-800-257-7777
 Colonial Pipeline Company - 795-1390
 Bureau of Utilities Howard County - 992-2366
 - 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 Inspector. Payment for such removal shall be included in the unit price bid for excavation and backfill.
 - 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 water mains to be D.I.P. unless otherwise noted.
 - Top of all water mains to have a minimum of 3'-1/2' 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 shown on the 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 Sections 1003 & 1008 of the Standard Specifications.
 - Each condominium building shall have an outside water meter setting. Vault locations are shown thus: □.
 - The contractor shall not operate any water main valves on the existing system.
 - All sewer mains shall be C.S.P.X., V.C.P.X., P.V.C., or A.C.P. Class 2400 unless otherwise noted.
 - The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
 - All manholes shall be 4'-0" inside diameter, unless otherwise noted.
 - Water main and water house connection lines must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross. Except at crossings, water and sewer lines shall have a minimum horizontal separation of 10'.
- 2A. For all Copper Water House Connections utilize flexible fittings only.

CONTRACT NO. 44 1693-D
 WOODLAND VILLAGE
 SECTION I, PARCEL "A"
 HOWARD COUNTY, MARYLAND
 DEPARTMENT OF PUBLIC WORKS

QUANTITIES			
ITEM	EST'D	AS BUILT	MATERIAL / SUPPLIER
8"W	1511 L.F.	1514	GRIFFIN PIPE PRODUCTS CO.
6"W	385 L.F.	443	" " " "
8"V	3 EA.	3	DELAIR ROAD SUPPLY CO., INC.
6"V (excl. FH)	2 EA.	2	" " " "
2"WHC	155 L.F.		" " " "
1 1/2"WHC	205 L.F.		" " " "
2" Meter Vault	5 EA.		B & C UTILITY SUPPLY INC.
1 1/2" Meter Vault	5 EA.		" " " "
F.H.	4 EA.	4	" " " "

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & with SDP-87-244 ; Drawing , Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
 Signature: *[Signature]* DATE: 8-18-87
 U.S. SOIL CONSERVATION SERVICE
 This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
 APPROVED: *[Signature]* DATE: 8/18/87
 Howard S.C.D.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works: *[Signature]* DATE: 8/24/87
 Chief, Bureau of Engineering: *[Signature]* DATE: 8-24-87
 Chief, Bureau of Utilities: *[Signature]* DATE: 8-24-87
 Chief, Land Development Div.: *[Signature]* DATE: 8-24-87

CLARK - FINEPROCK & SACKETT
 ENGINEERS - PLANNERS - SURVEYORS
 7135 MINSTREL WAY, COLUMBIA, MD. 21043
 (BALT) 381-7500
 (WASH) 621-8100
 Date: 8/1/87

DES: JTR			
DRN: VLM			
CHK: JTR			
DATE: 5-87	BY NO.	REVISION	DATE

TITLE SHEET
 600' SCALE MAP NO. 37 BLOCK NO.

WOODLAND VILLAGE
 SECTION I, PARCEL "A"
 1ST ELECTION DISTRICT
 CONTRACT NO. 44,1693-D

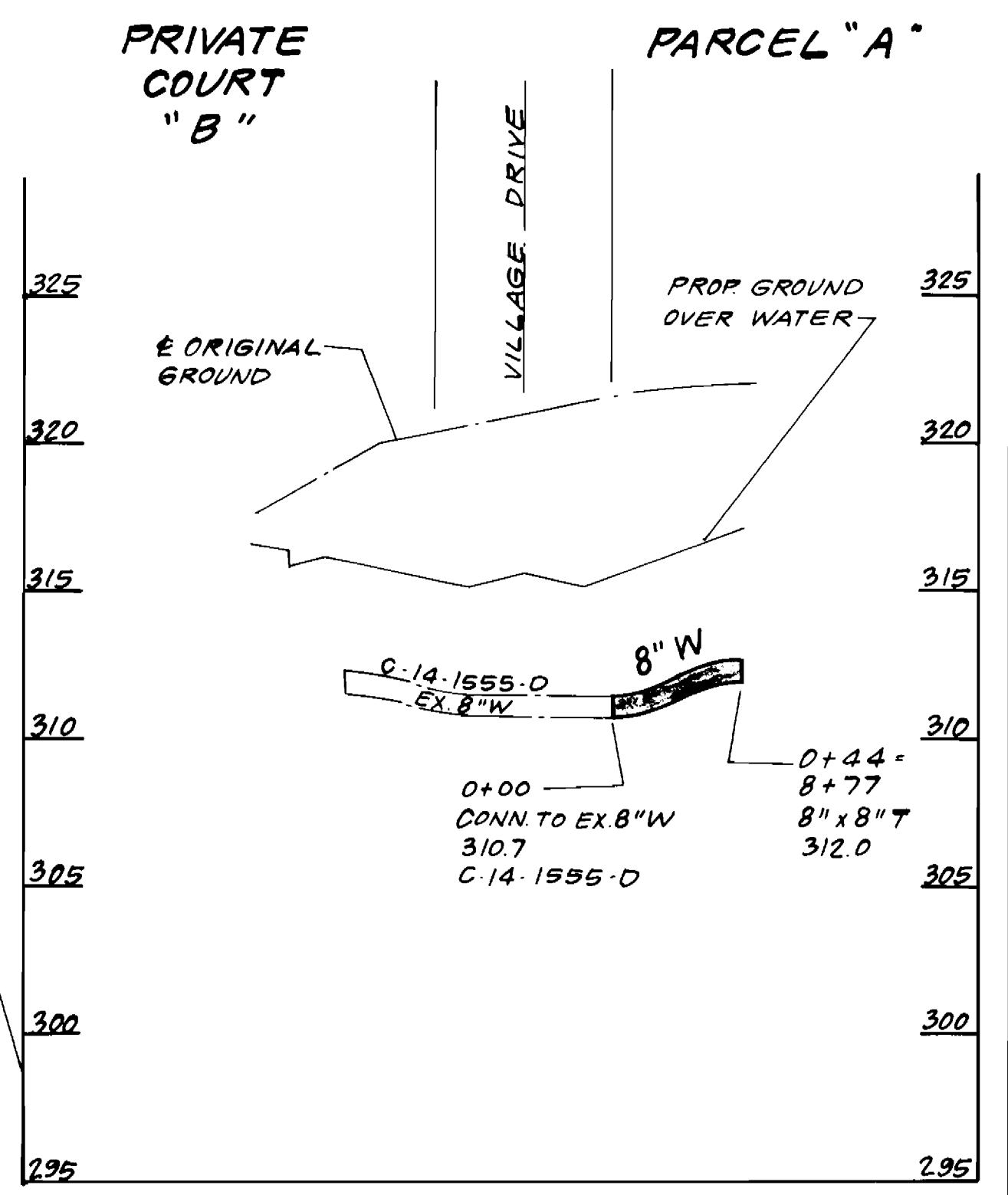
SCALE
 1"=600'
 SHEET
 1 OF 3



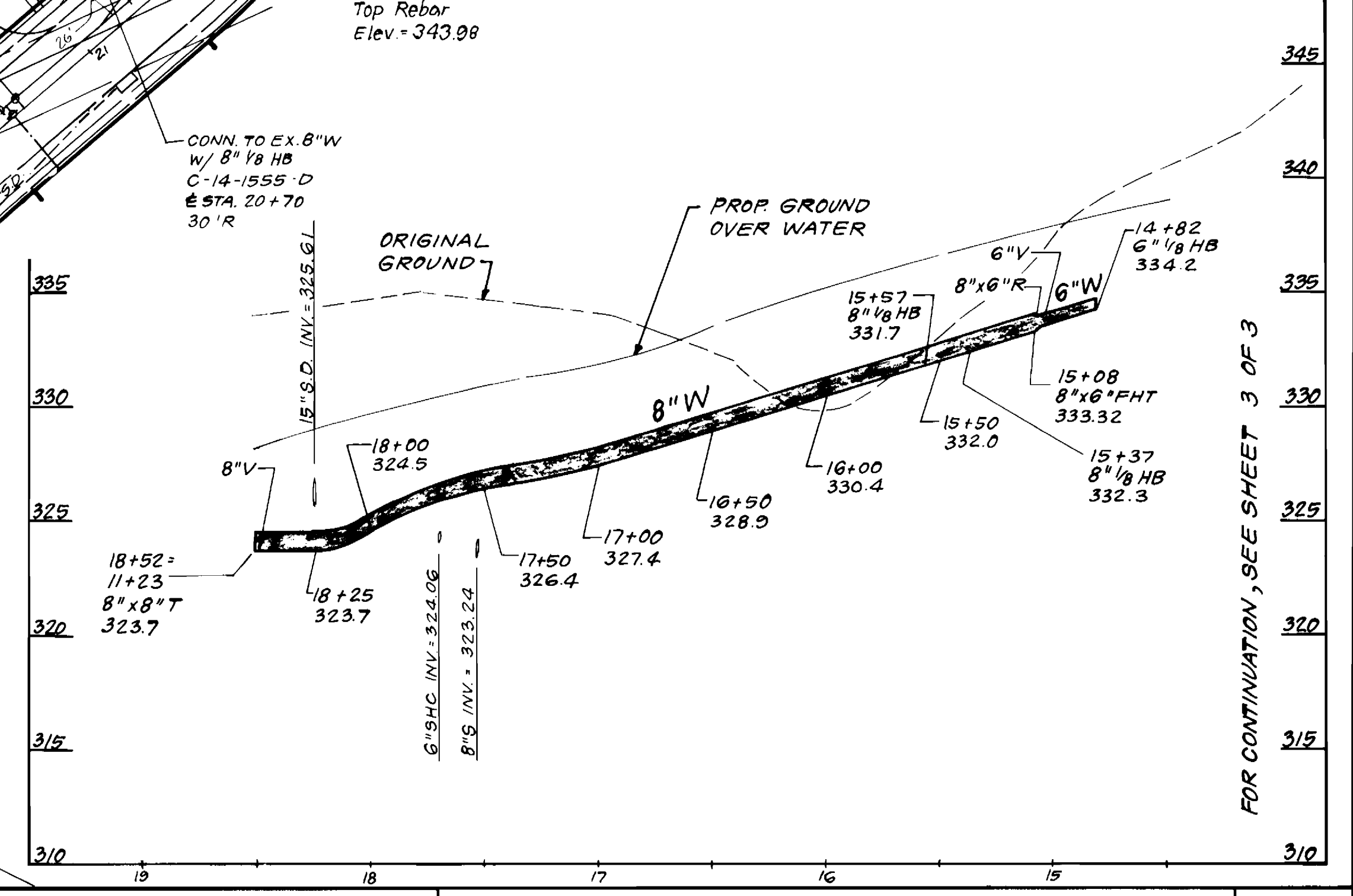
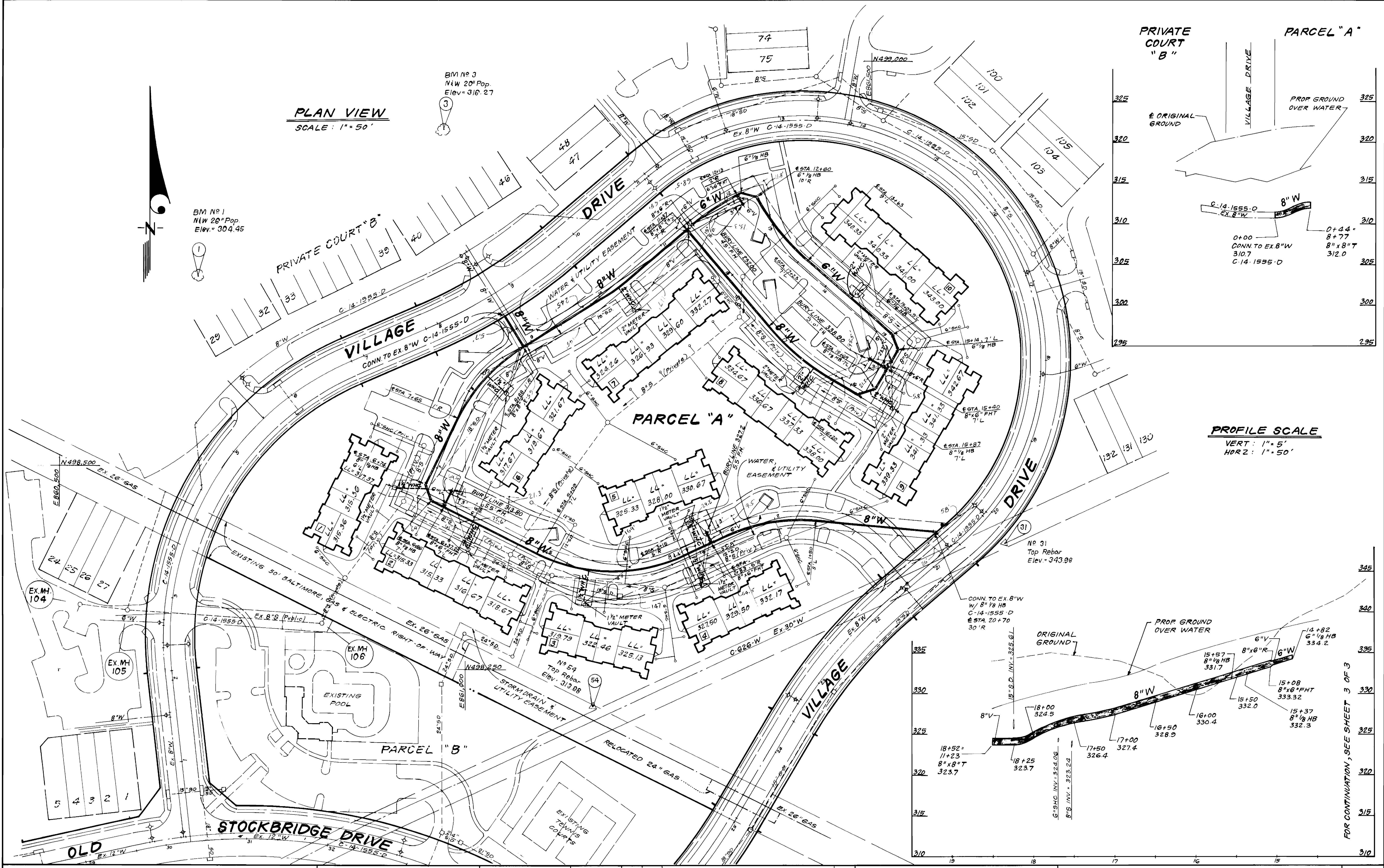
PLAN VIEW
SCALE: 1" = 50'

BM No 1
NW 20' Pop
Elev. = 304.45

BM No 3
NW 20' Pop
Elev. = 316.27



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



FOR CONTINUATION, SEE SHEET 3 OF 3

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James W. Law
DIRECTOR OF PUBLIC WORKS
DATE: 8-24-87

Michael J. ...
CHIEF, BUREAU OF UTILITIES
DATE: 8-21-87

...
CHIEF, LAND DEVELOPMENT DIV.
DATE: 8-24-87

CFE CLARK · FINEPROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
7135 MINSTREL WAY, COLUMBIA, MD. 21045
(BALT.) 381-7500
(WASH.) 621-8100

...
DATE: 5-87

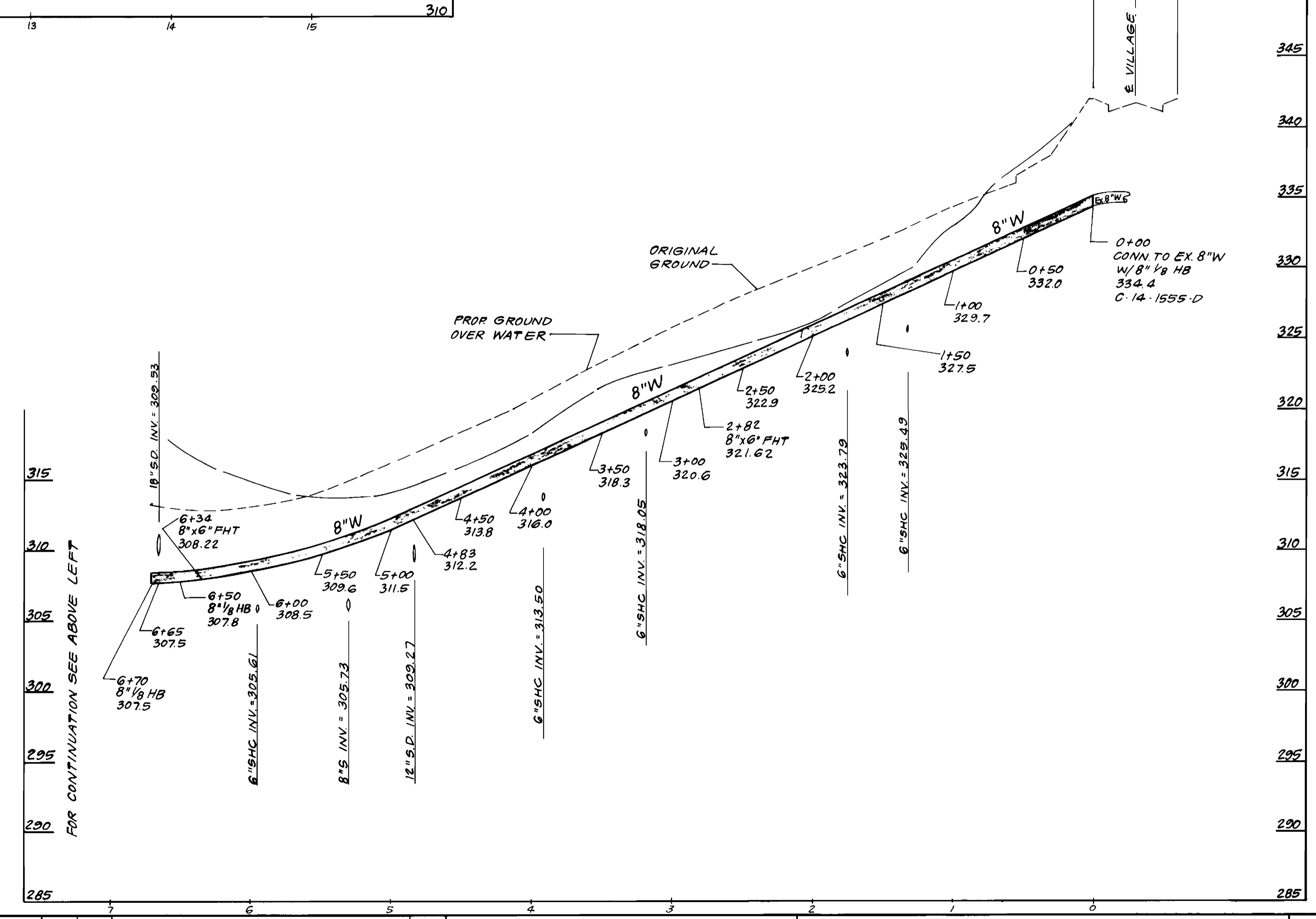
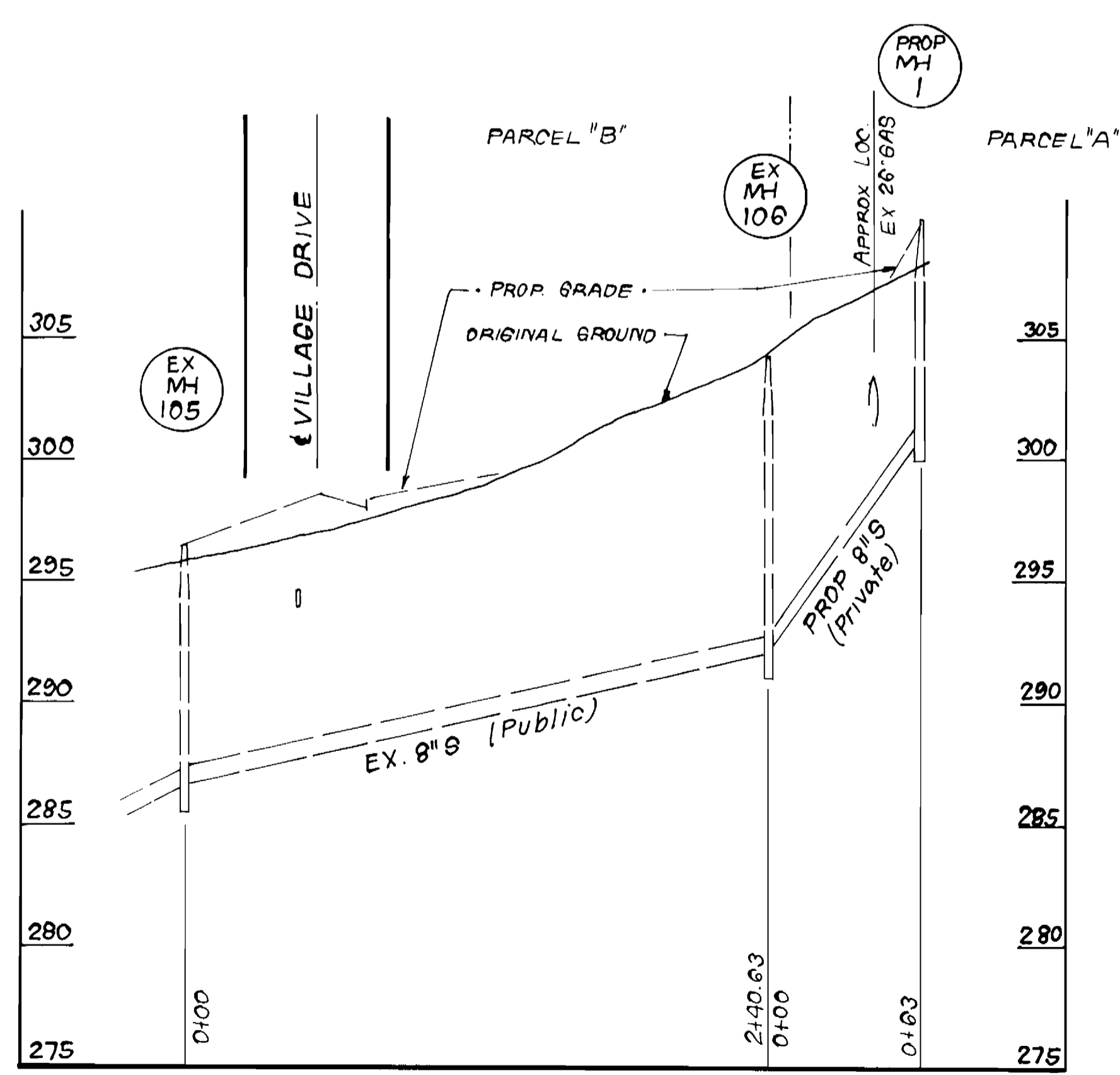
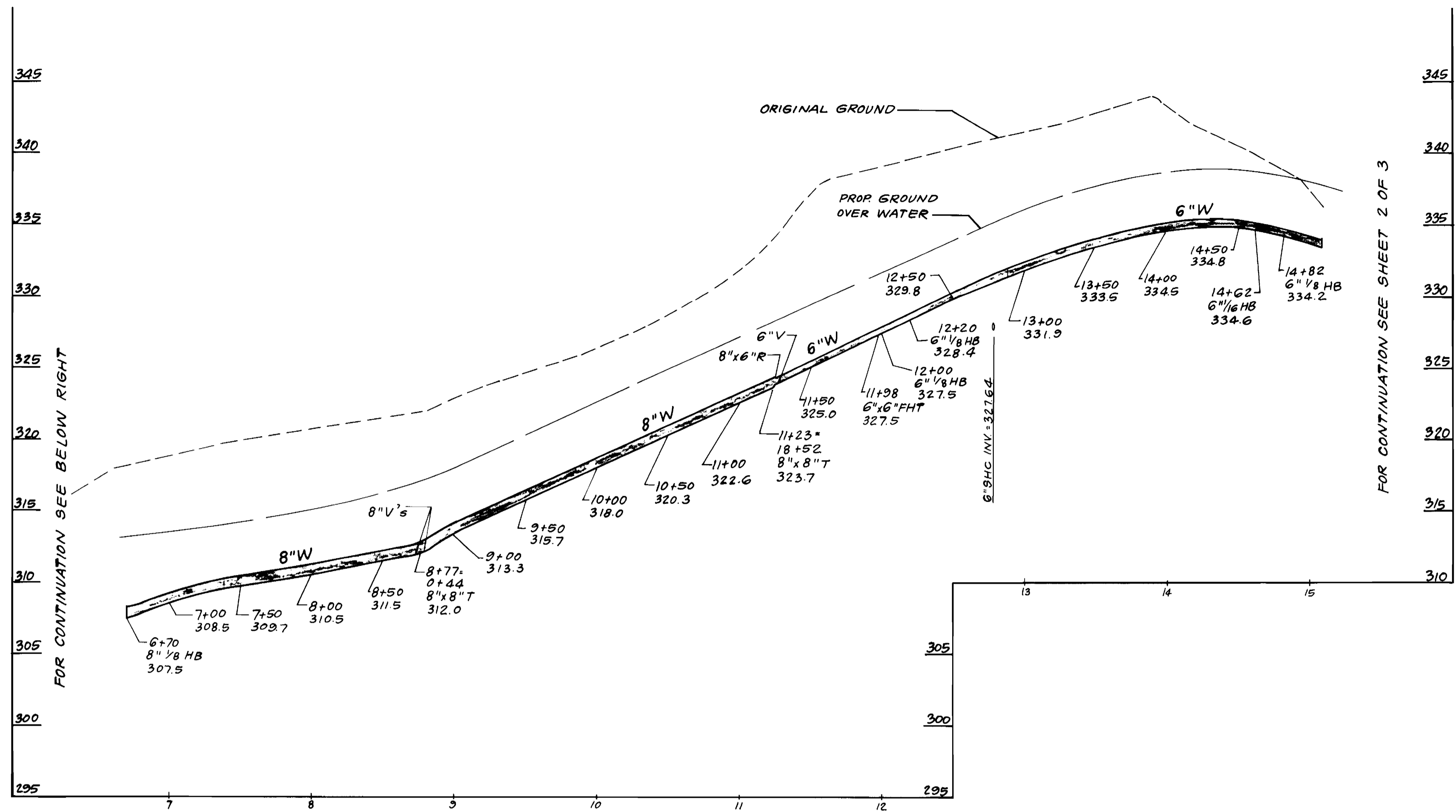
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DRN: VLM			
CHK: JTR			
DATE: 5-87			

PLAN & PROFILES OF
WATER MAIN

600'SCALE MAP NO. 27 BLOCK NO.

WOODLAND VILLAGE
SECTION I, PARCEL "A"
1ST ELECTION DISTRICT
CONTRACT NO. 44 1693-D

SCALE AS SHOWN
SHEET 2 OF 3



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

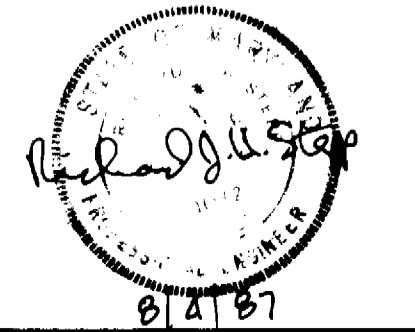
James M. ... 8/24/87
 DIRECTOR OF PUBLIC WORKS DATE

Michael A. ... 8-21-87
 CHIEF, BUREAU OF UTILITIES DATE

... 8-24-87
 CHIEF, BUREAU OF ENGINEERING DATE

... 8-24-87
 CHIEF, LAND DEVELOPMENT DIV. DATE

CFE CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 7135 MINSTREL WAY, COLUMBIA, MD. 21045
 (BALT.) 381-7500
 (WASH.) 621-8100



DES: JTR	BY	NO.	REVISION	DATE
DRN: VLM				
CHK: JTR				
DATE: 5-87				

PROFILES OF
 WATER MAIN

600' SCALE MAP NO. 37 BLOCK NO.

WOODLAND VILLAGE
 SECTION I, PARCEL "A"
 1ST ELECTION DISTRICT
 CONTRACT NO. 44 1693-D

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

SHEET
 3 OF 3