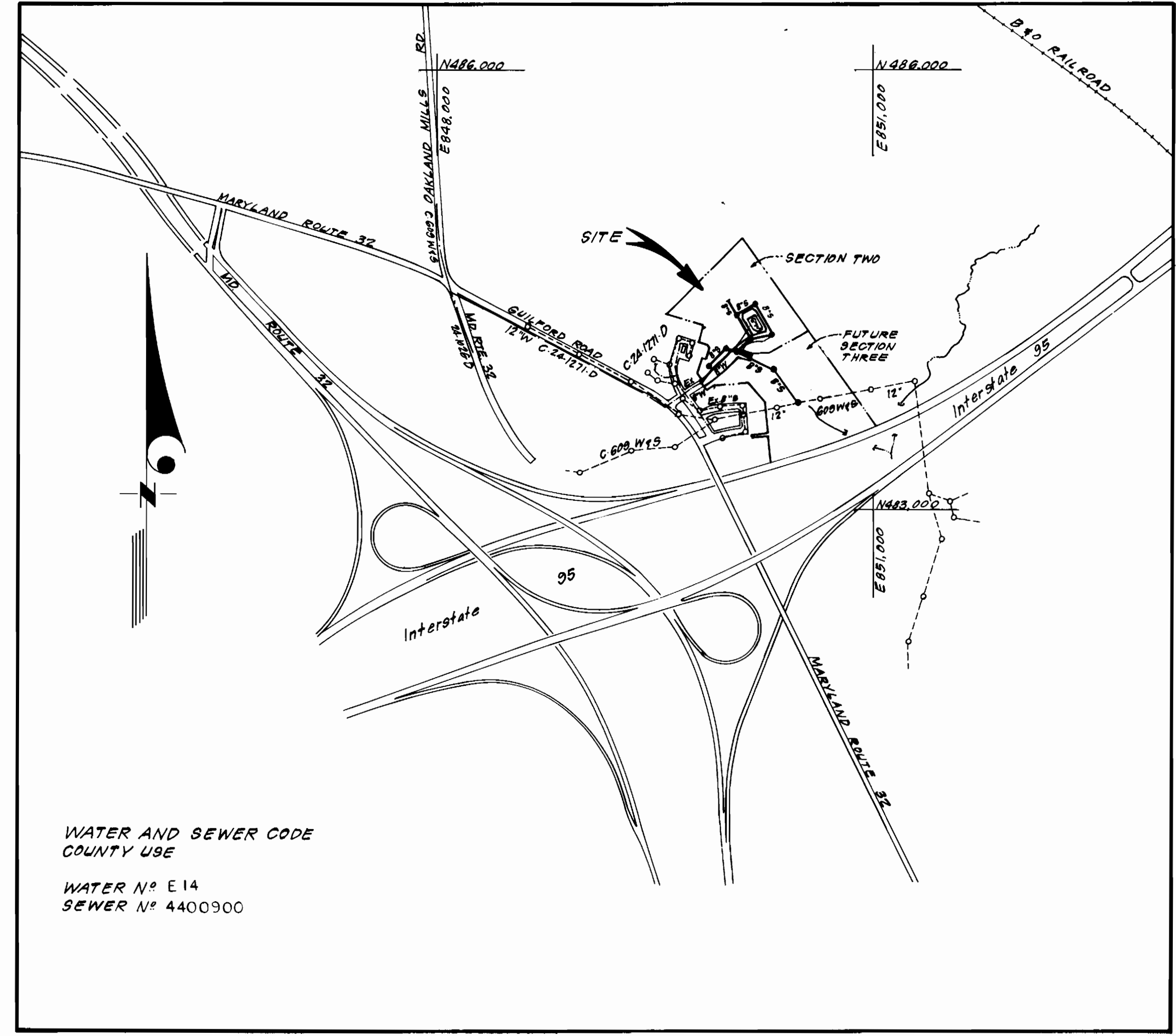


TYPE OF BUILDING	Townhouses
NUMBER OF UNITS	57
NUMBER OF SHC's	57
NUMBER OF WHC's	57
DRAINAGE AREA	Little Patuxent



WATER AND SEWER CODE
COUNTY USE
WATER N° E 14
SEWER N° 4400900

VICINITY MAP

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 Inspector, 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" 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.
6. For details not shown on the drawings use Howard County Standard Details.
7. For materials and construction methods use Howard County Standard Specifications, and Ho.Co. Design Manual Volume II. The contractor shall have a copy of Volume II on the job.
8. 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.
9. 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 - 561-2585
 Baltimore Gas & Electric Company - Underground Damage Control - 234-5621
 Baltimore Gas & Electric Company - Trouble Shooting - 298-9013
 "Miss Utility" - 1-559-0100
 Chesapeake & Potomac (C & P) Telephone Company - 725-9976
 Colonial Pipeline Company - 795-1300
 Bureau of Utilities Howard County - 992-2366
10. 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.
11. 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.
12. 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.
13. All water mains to be D.I.P. unless otherwise noted.
14. Top of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
15. Valves adjacent to tees shall be strapped to tees.
16. Block all fittings with concrete.
17. 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.
18. All water house connections shall be for an inside meter setting.
19. The contractor shall not operate any water main valves on the existing system.
20. 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.
21. The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
22. All manholes shall be 4'-0" inside diameter, unless otherwise noted.
23. 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'.
24. For all Copper Water House Connections, utilize flared type fittings only.

CONTRACT NO. 24-1329-D
 GLENSHIRE TOWNE
 SECTION TWO
 HOWARD COUNTY, MARYLAND
 DEPARTMENT OF PUBLIC WORKS

Sediment Control Measures will be implemented in accordance with Article No. 15 of the Specifications & with Road Construction Plan F 85-146; Drawings 344, Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
 [Signature] 7-15-85
 SIGNATURE DATE
 U.S. SOIL CONSERVATION SERVICE

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

APPROVED:
 [Signature] 7/15/85
 HOWARD S.C.D. DATE

QUANTITIES			
ITEM	ESTM'D	AS-BUILT	MATERIAL / SUPPLIER
8" S	1742 L.F.	1710 L.F.	BELAIR RD. SUPPLY
4" MH	10 EA.	10 EA.	ATLANTIC PRECAST
8" W	568 L.F.	570 L.F.	BELAIR ROAD SUPPLY
6" W	590 L.F.	617 L.F.	" " "
6" SHC	737 L.F.	672 L.F.	" " "
2" WHC	82 L.F.	76 L.F.	" " "
1" WHC	519 L.F.	594 L.F.	" " "
3/4" WHC	745 L.F.	965 L.F.	" " "
F.H.	3 EA.	3 EA.	" " "
8" V	2 EA.	2 EA.	" " "
6" V (exclu. F.H.V.)	3 EA.	3 EA.	" " "

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

[Signature] 7-24-85
 DIRECTOR OF PUBLIC WORKS DATE

[Signature] 7-19-85
 CHIEF, BUREAU OF UTILITIES DATE

CLARK - FINEPROCK & SACKETT
 ENGINEERS - PLANNERS - SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
 (301) 593-3400



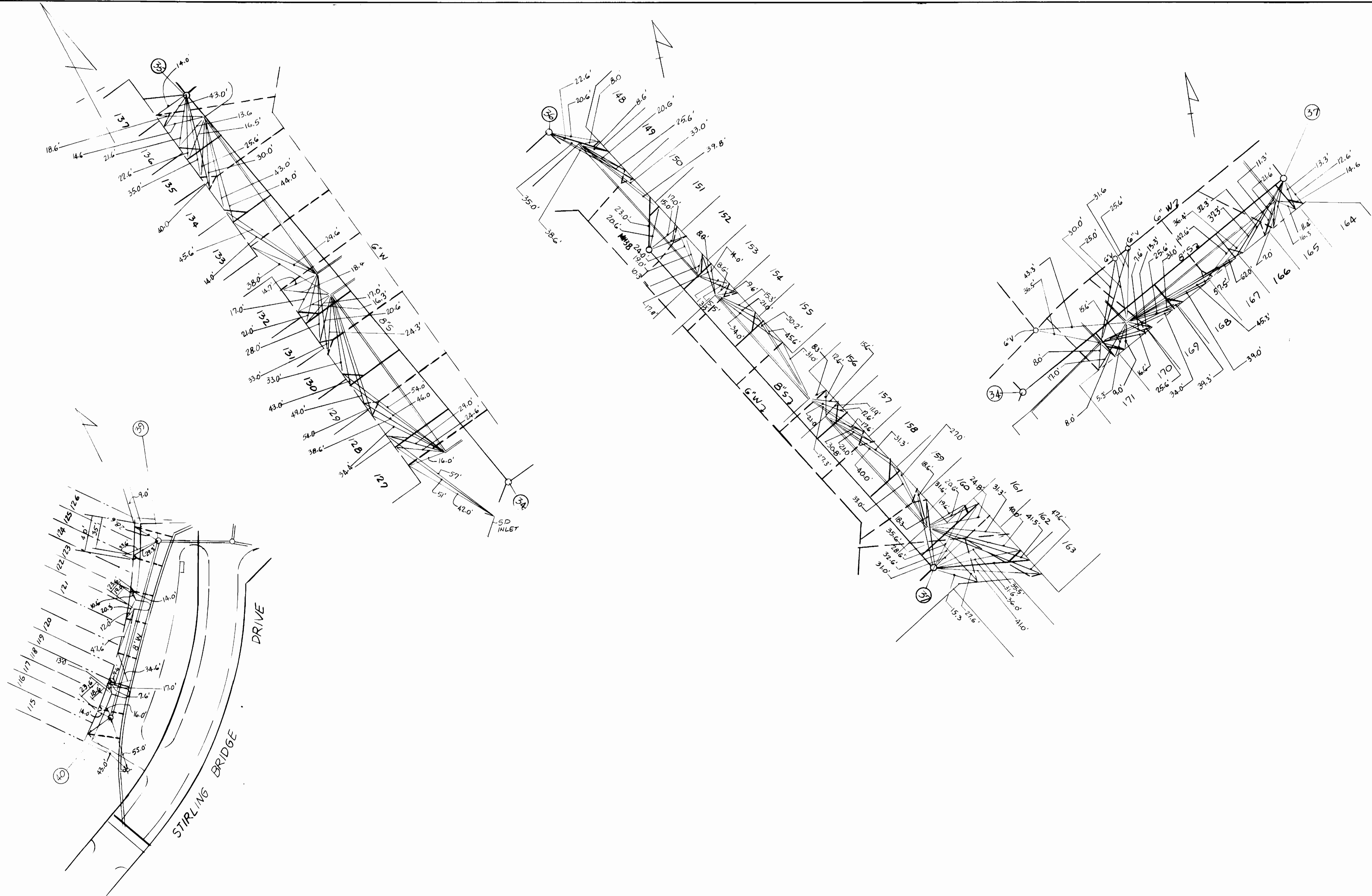
DES: C.K.G.			
DRN: V.L.B.			
CHK: C.K.G.			
DATE: 12/84	BY NO.	REVISION	DATE

TITLE SHEET

600'S SCALE MAP NO. 42 BLOCK NO.

GLENSHIRE TOWNE
 SECTION TWO
 6TH ELECTION DISTRICT
 CONTRACT NO. 24-1329-D

SCALE
 1" = 600'
 SHEET
 1 OF 3



NOT TO SCALE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS _____ DATE _____ CHIEF, BUREAU OF ENGINEERING _____ DATE _____

DES:					
DRN:					
CHK:					
DATE:					
BY	NO.	REVISION	DATE	600' SCALE MAP NO.	BLOCK NO.

GLENSHIRE TOWNE
SECTION TWO
6TH ELECTION DISTRICT
CONTRACT NO. 24-1329-D

SCALE
AS
SHOWN
SHEET
2A OF 3

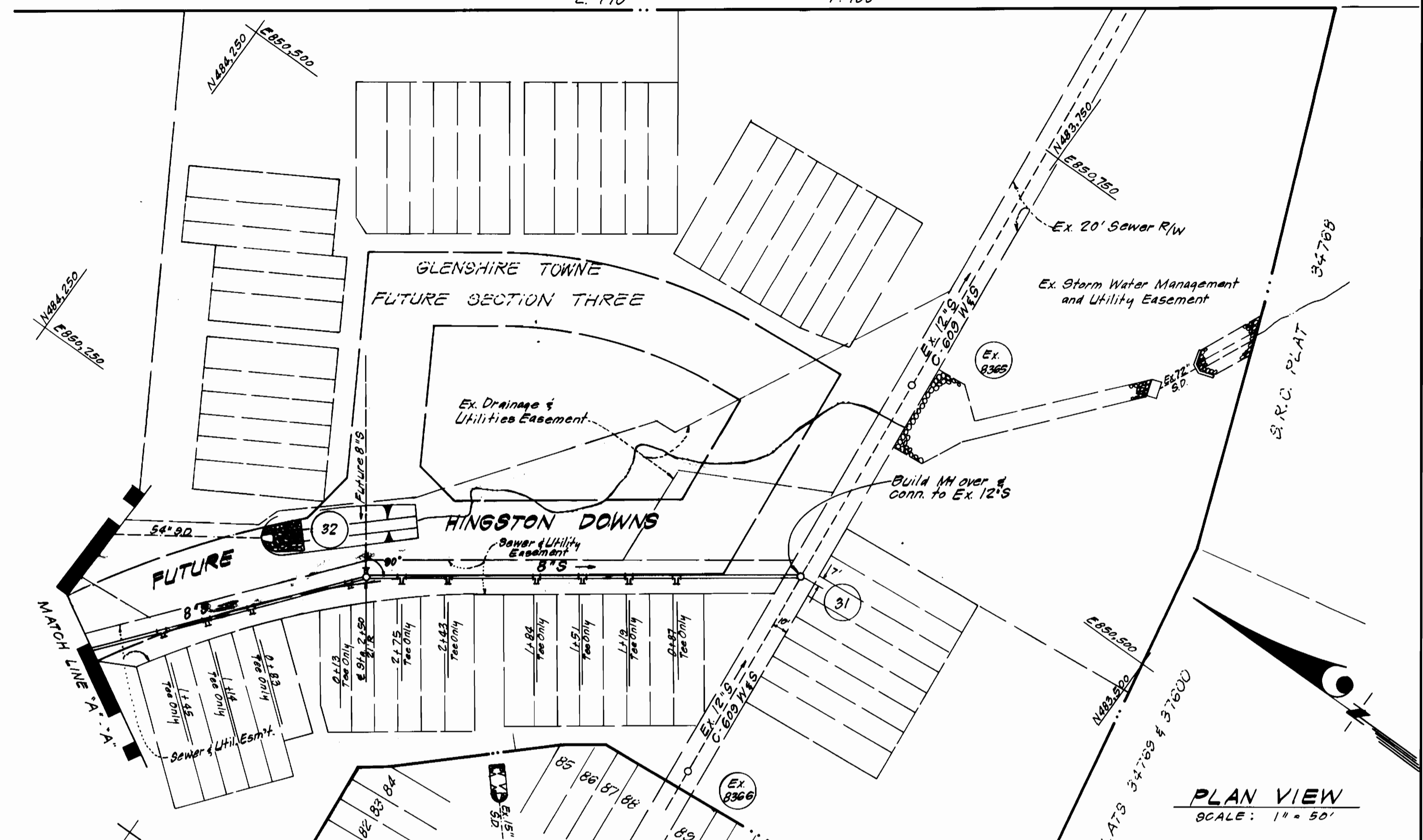
AS BUILT 2 OCT 1986

BRUNING 44 132 69150

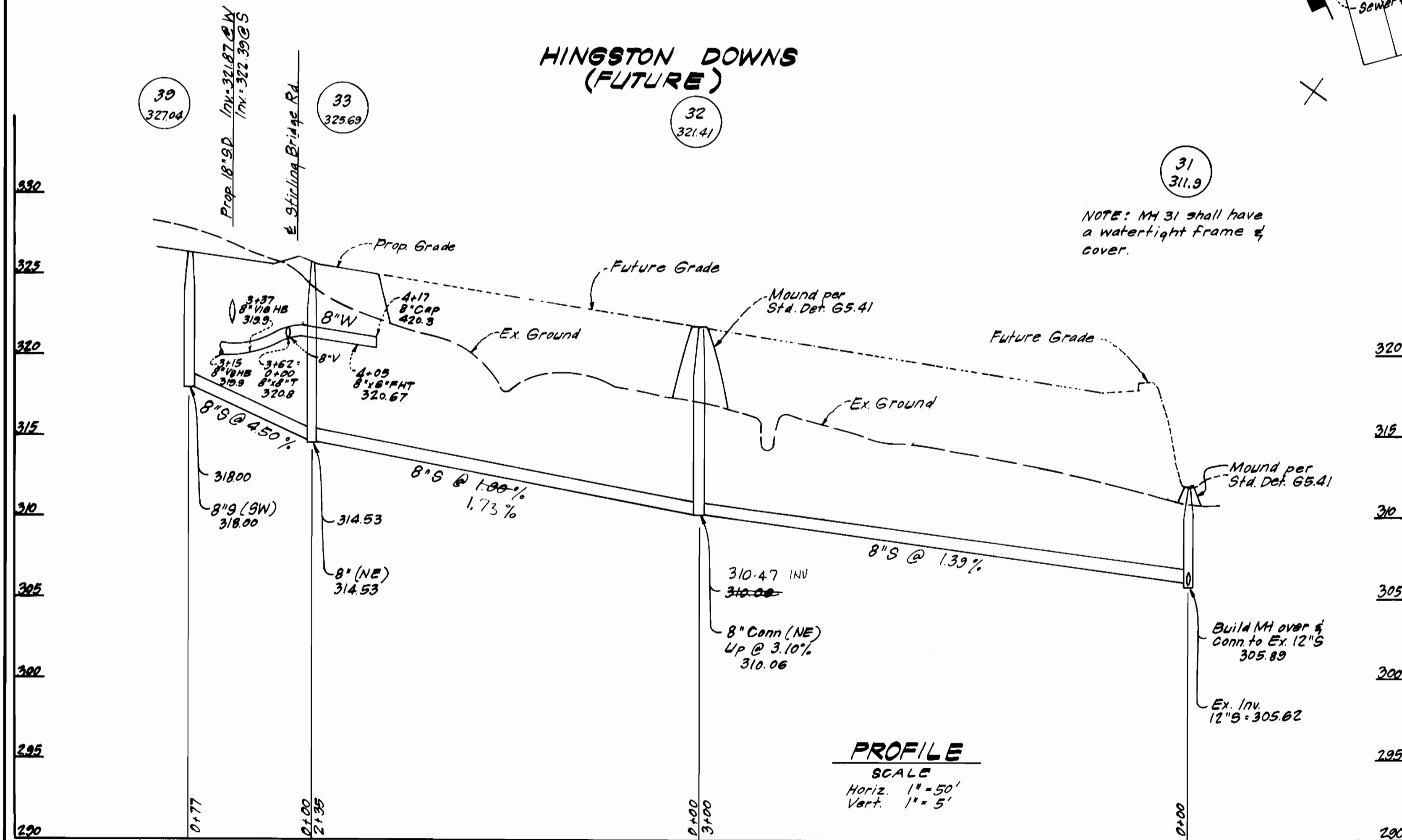
ELEVATIONS		
LOTS	SHC Inv. @ R	Min. Cellar
115/116	325.67	328.8
117/118	324.77	327.9
119/120	323.51	326.6
121/122	321.18	324.3
123/124	320.03	323.1
125/126	318.93	322.0
127/128	317.00	320.1
129/130	317.58	320.7
131/132	318.13	321.2
133/134	319.01	322.1
135/136	319.61	322.7
137	320.00	323.1
138	320.06	323.2
139/140	320.58	323.7
141/142	321.24	324.3
143	322.08	325.2
144/145	322.64	325.7
146/147	323.24	326.3
148/149	323.20	326.3
150/151	322.54	325.6
152/153	322.08	325.2
154/155	321.60	324.7
156/157	320.76	323.9
158/159	320.28	323.4
160/161	320.07	323.2
162/163	320.16	323.3
164/165	319.48	322.6
166/167	318.52	321.6
168/169	317.59	320.7
170/171	316.67	319.8

SEE NOTE THIS SHEET.

NOTE: Minimum Cellar Elevations were computed using a typical house location on lot. Sewerability should be checked with actual house location at time of site plan preparation. Cellar elevations should not be less than the minimums shown.

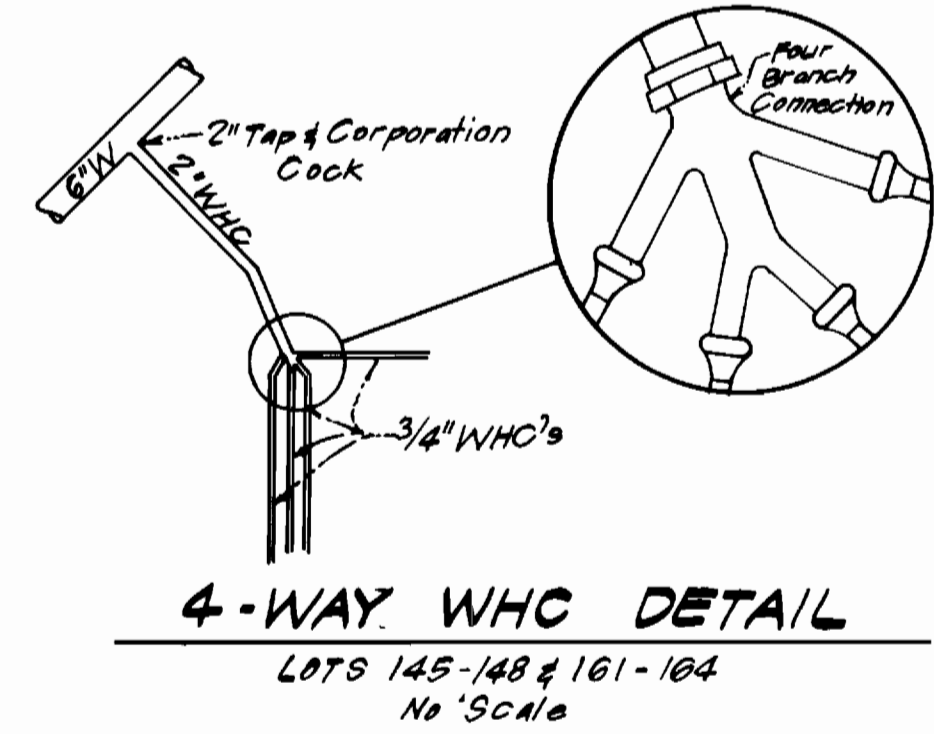


HINGSTON DOWNS (FUTURE)



PROFILE
SCALE
Horiz. 1" = 50'
Vert. 1" = 5'

NOTE: MH 31 shall have a watertight frame & cover.



4-WAY WHC DETAIL
LOTS 145-148 & 161-164
No Scale

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

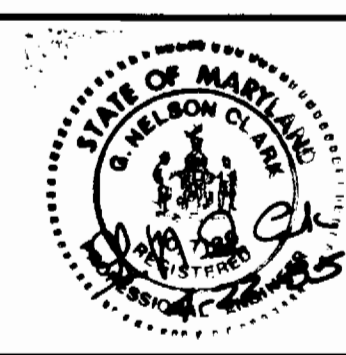
Director of Public Works: *[Signature]* DATE: 7-24-85

Chief, Bureau of Engineering: *[Signature]* DATE: 7-19-85

Chief, Bureau of Utilities: *[Signature]* DATE: 7-19-85

CLARK, FINEPROCK & SACKETT
ENGINEERS - PLANNERS - SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 593-3400



DES: C.K.G.	V.L.M.	1	Revised MH 31 on profile.	2-10-86
DRN: V.L.B.				
CHK: C.K.G.				
DATE: 1/85	BY: NO.	REVISION	DATE	600' SCALE MAP NO. 42 BLOCK NO.

PLAN & PROFILES OF
WATER & SEWER MAINS

GLENSHERE TOWNE
SECTION TWO
6TH ELECTION DISTRICT
CONTRACT NO. 24-1329-D

SCALE AS SHOWN
SHEET 3 OF 3