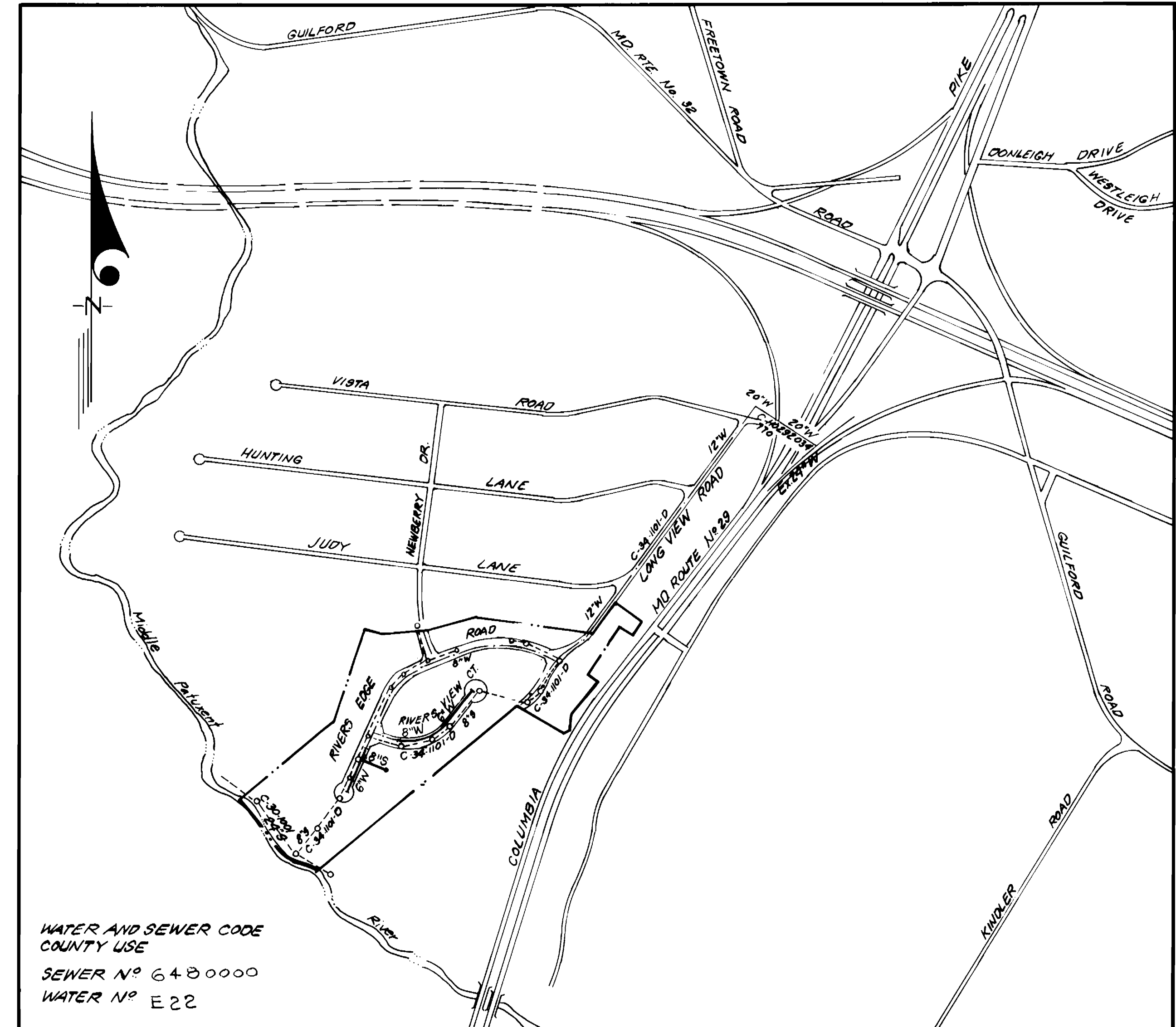


TYPE OF BUILDING	SINGLE FAMILY
No. OF LOTS	30
No. OF WHC'S	28
No. OF SHC'S	4
DRAINAGE AREA	MIDDLE PATUXENT



WATER AND SEWER CODE
COUNTY USE
SEWER N° 6480000
WATER N° E22

VICINITY MAP
SCALE: 1"=1000'

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.
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 - Underground Electric Distribution
 Customer Service - 685-0123
 Baltimore Gas & Electric Company - Underground Gas Distribution
 Customer Service - 685-0123
 Engineering - Damage Control - 234-5621
 "Miss Utility" - 1-559-0100
 Chesapeake & Potomac (C & P) Telephone Company - 725-9976
 American Telephone and Telegraph - Cable Location Division - 393-3553
 Colonial Pipeline Company - 781-4641
 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 C.I.P. or 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 Section 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. 34-1239 D W&S

RIVERSIDE
SECTION 1 AREA 3
LOTS 1 THRU 30

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 E-34-177; Drawing , Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
[Signature] 6-1-84
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] 6-1-84
Howard S.C.D. DATE

QUANTITIES			
ITEM	EST. MD	AS BUILT	MATERIAL/SUPPLIER
8" W	369 LF	369	DIP C-52 Griffin Pipe
6" W	396 LF	396	"
8" S	199 LF	199	PVC SDR-35 John Ulan
6" V (excl. FH)	2 EA.	2	U.S. Pipe & Foundry
F.H.	2 EA.	2	"
1" WHC	230 LF	230	K Copper Belair Sup.
3/4" WHC	440 LF	440	"
6" SHC	40 LF	40	PVC SDR-35 John
1/2" BLOWOFF	1 EA.	1	K Copper McDonald
40" DIA. MH	6 VF	6	Atlantic Pre-Conc.

[Signature]
5-29-84

RIVERSIDE
SECTION 1 AREA 3
LOTS 1 THRU 30

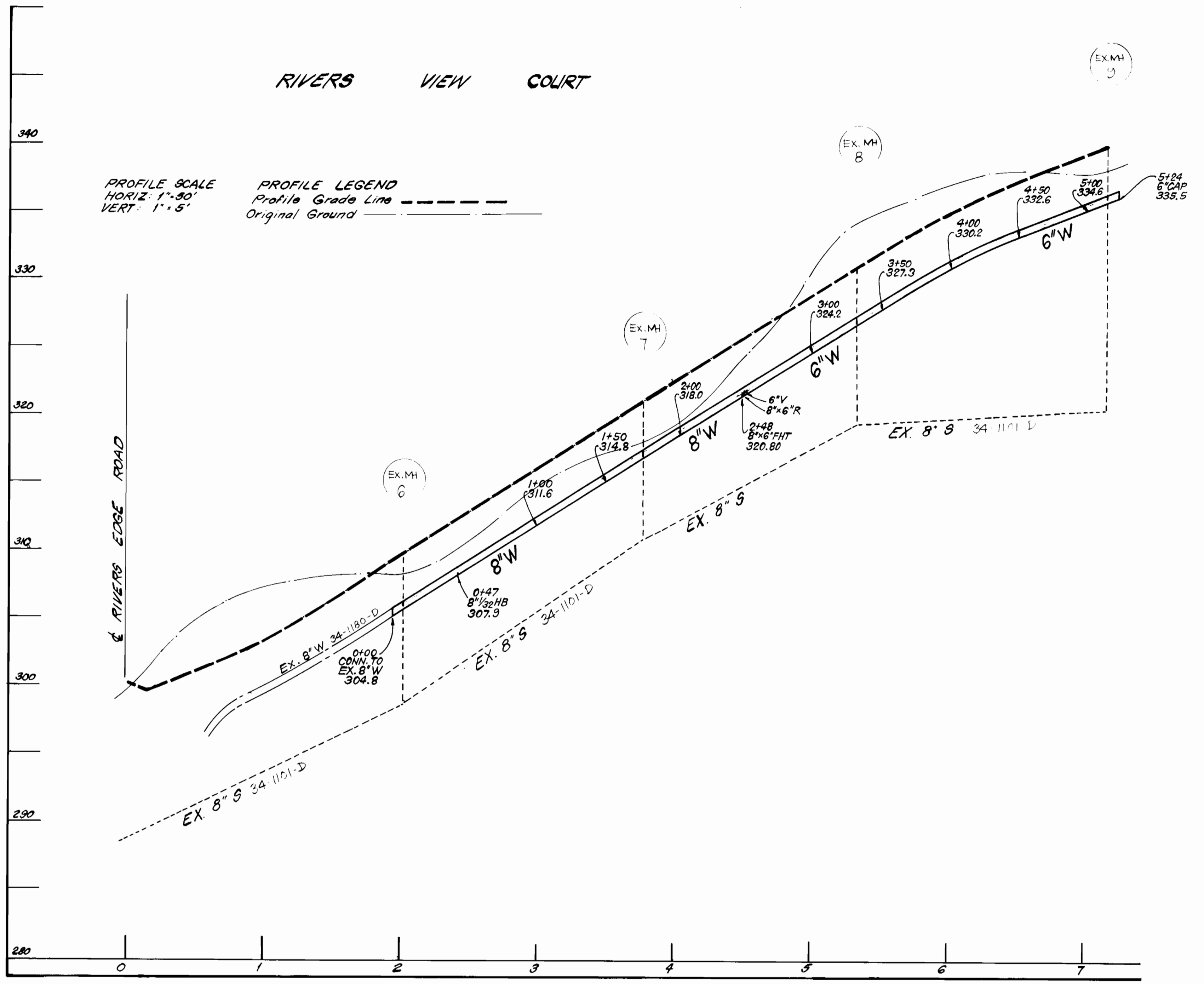
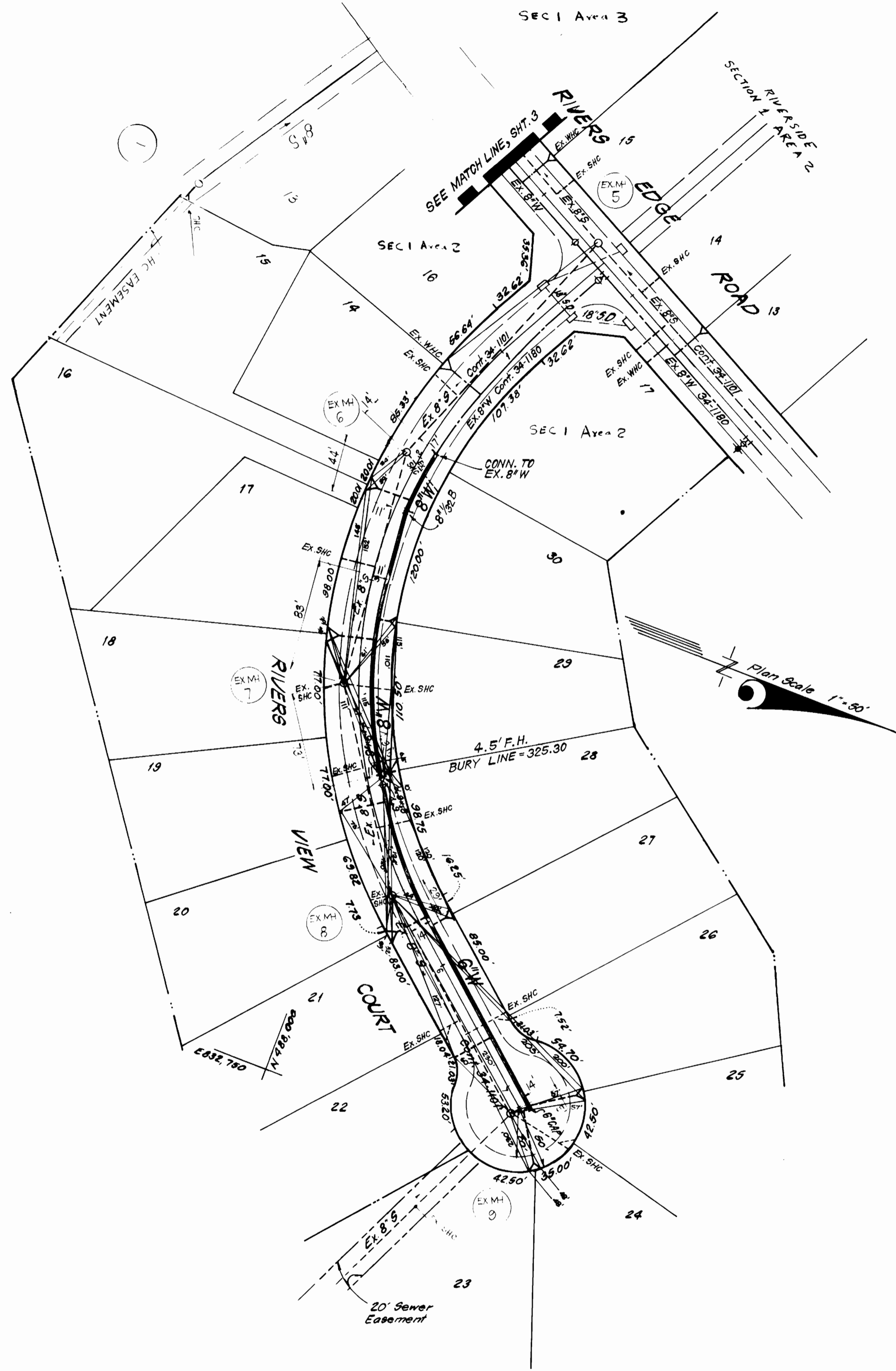
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
[Signature] 6-18-84
DIRECTOR OF PUBLIC WORKS DATE
[Signature] 6-5-84
CHIEF, BUREAU OF UTILITIES DATE
[Signature] 6-5-84
CHIEF, LAND DEVELOPMENT DIV. DATE

CFE CLARK-FINEPROCK & SACKETT
ENGINEERS-PLANNERS-SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 593-3400

DESCOM	V.L.B. 1	Revised Vicinity Map & reducer size bet. M's 3 & 4	6/10/84
DRN-NPK			
CHK-COM			
DATE:	BY	NO.	REVISION

TITLE SHEET
600'S SCALE MAP NO. 41 LOCK NO.

CONTRACT NO. 34-1239-D
RIVERSIDE SECTION 1 AREA 3
5TH ELECTION DISTRICT
SCALE As Shown
SHEET 1 OF 3



J. H. Cook
5-29-84

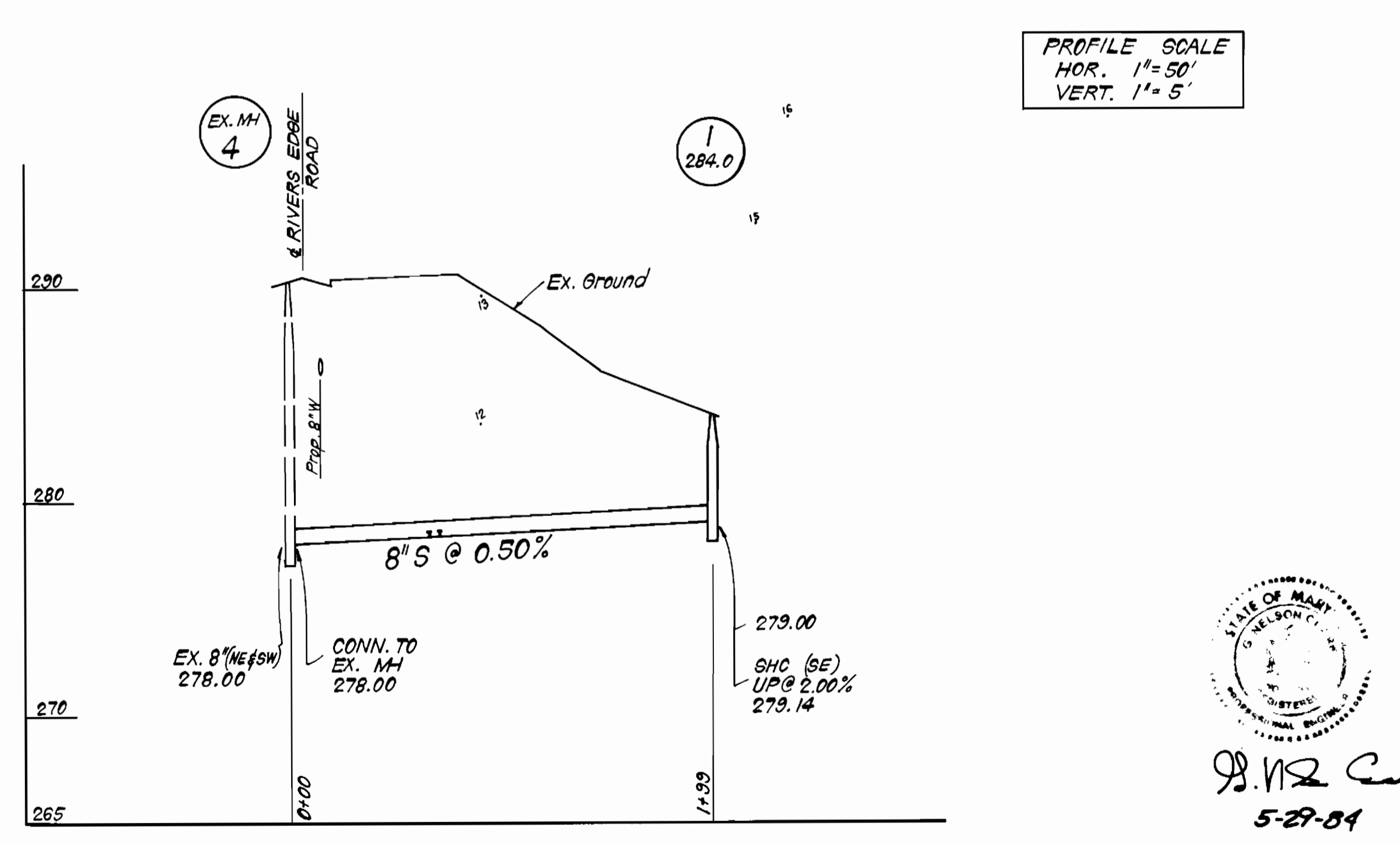
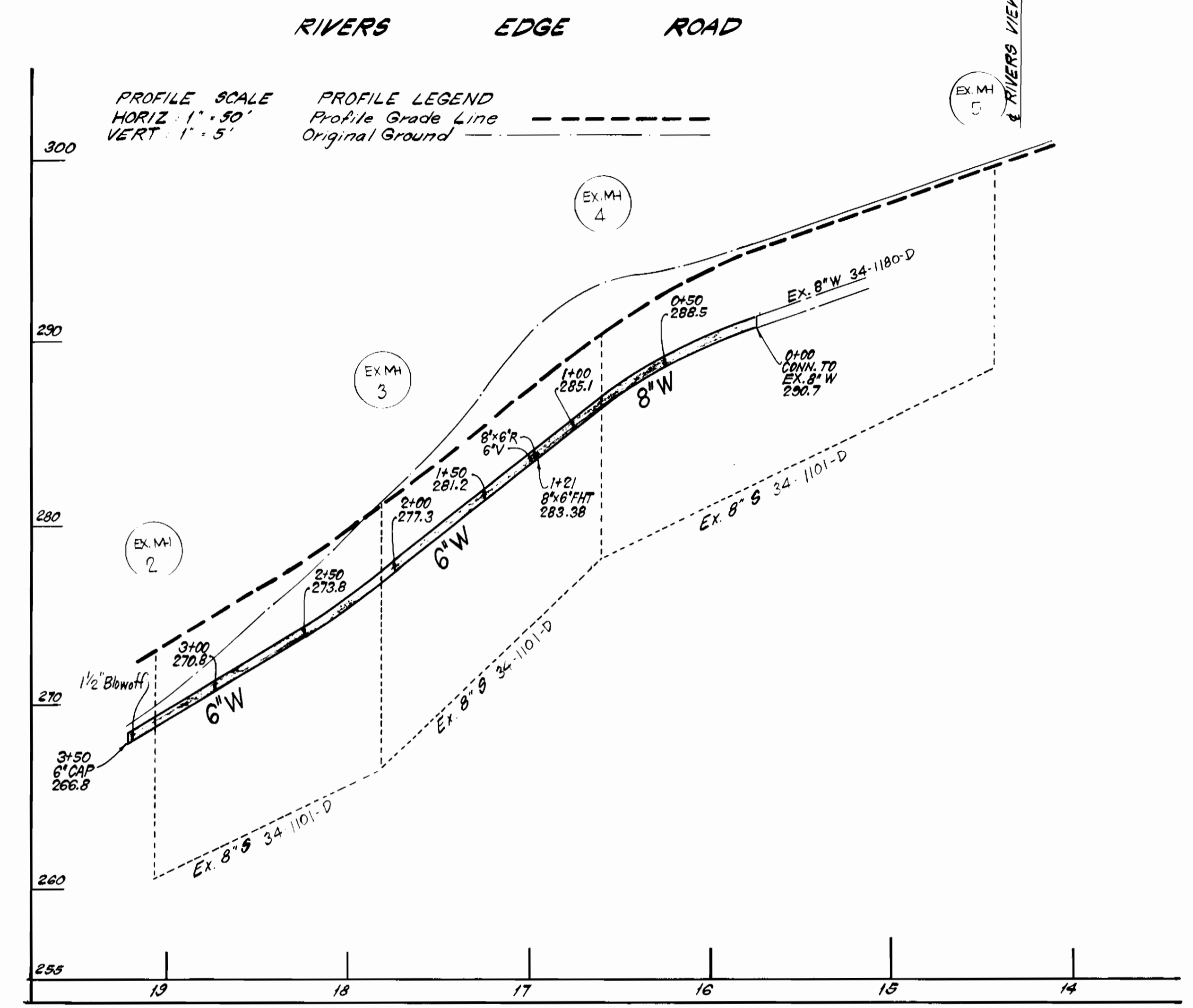
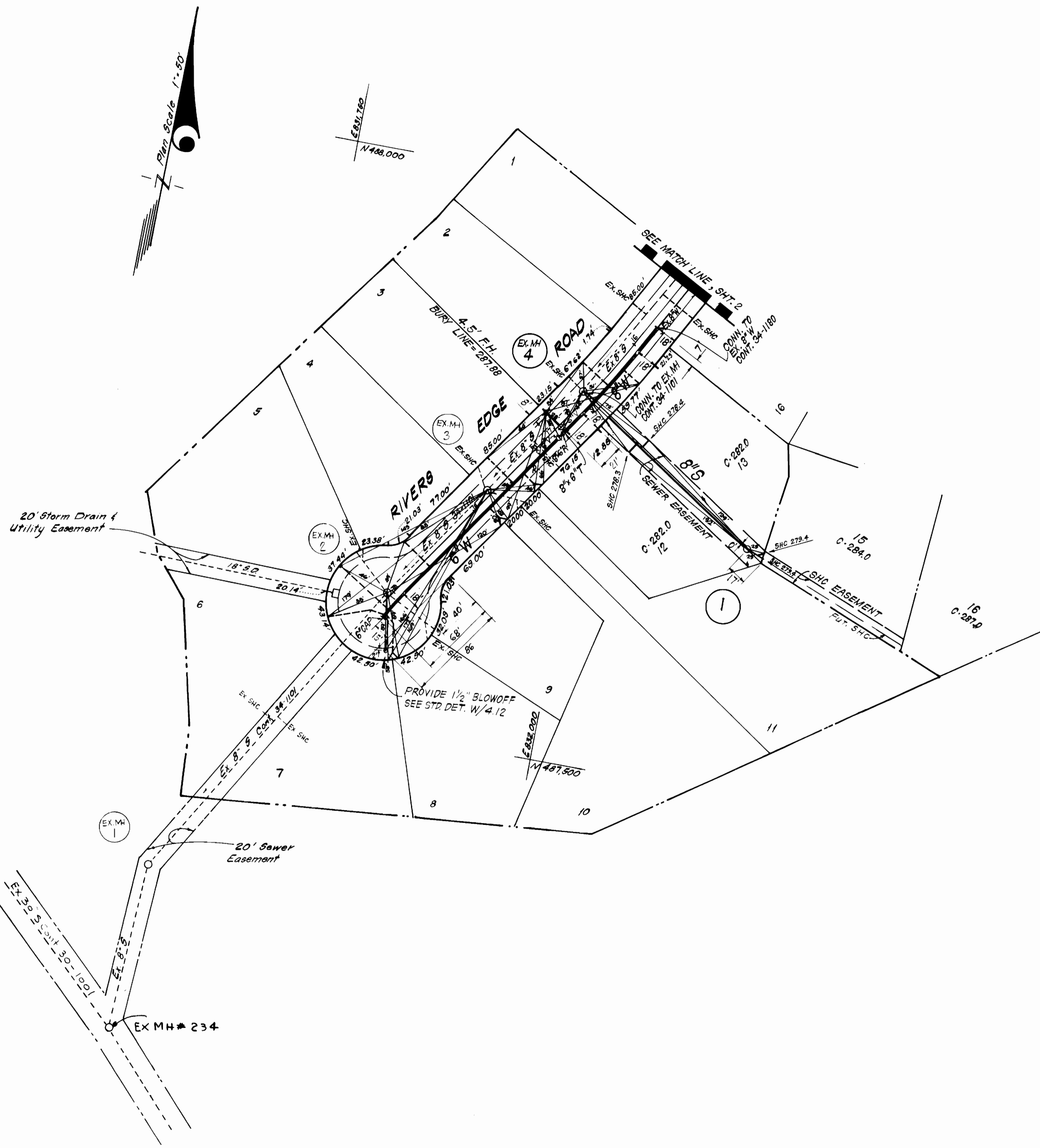
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
James F. Neuman
DIRECTOR OF PUBLIC WORKS
Robert M. Bainger
CHIEF, BUREAU OF UTILITIES
DATE: 6-28-84
DATE: 6-5-84

CFS CLARK · FINEBROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 593-3400
William S. Sackett
CHIEF, BUREAU OF ENGINEERING
DATE: 6-28-84
Robert M. Bainger
CHIEF, LAND DEVELOPMENT DIV. DATE: 6-5-84

DES: CCM			
DRN: NPK			
CHK: CCM			
DATE:	BY:	NO.	REVISION

PLAN AND PROFILE
600' SCALE MAP NO. _____ BLOCK NO. _____

CONTRACT NO. 34-1239-D
RIVERSIDE
SECTION I AREA 3
5TH ELECTION DISTRICT
SCALE
As Shown
SHEET
2 of 3



J. W. Calk
5-29-84

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

John F. Newman 6-28-84
DIRECTOR OF PUBLIC WORKS DATE

Robert M. Beaman 6-5-84
CHIEF, BUREAU OF UTILITIES DATE

William S. P. Deane 6/22/84
CHIEF, BUREAU OF ENGINEERING DATE

CHIEF, LAND DEVELOPMENT DIV. DATE

CF&S CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

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

DES: CCM	VLB	1	Revised Vicinity Map & reducer size bet. MH's 3 & 4	8-10-84
DRN: NPK				
CHK: CCM				
DATE:	BY	NO.	REVISION	DATE

PLAN AND PROFILE

600' SCALE MAP NO. _____ BLOCK NO. _____

CONTRACT NO. 34-1230-D

RIVERSIDE SECTION I AREA 3
5TH ELECTION DISTRICT

SCALE As Shown

SHEET 3 OF 3