

VICINITY MAP
SCALE: 1" = 600'

TYPE OF BUILDING	Single Family
Nº OF LOTS	14
Nº OF WHC'S	14
Nº OF SHC'S	14
DRAINAGE AREA	Little Patuxent

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 of Ho.Co. *Person Manual, Volume II. The contractor shall have a copy of Volume II at 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 - 561-2585
 Baltimore Gas & Electric Company - Underground Damage Control - 234-5621
 Baltimore Gas & Electric Company - Trouble Shooting - 298-2013
 "Miss Utility" - 1-559-0100
 Chesapeake & Potomac (C & P) Telephone Company - 725-9976
 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 1005 & 1008 of the Standard Specifications.
- All water house connections shall be for an inside meter setting.
- 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'.
- For all Copper Water House Connections, utilize flared type fittings only.

CONTRACT NO. 24-1330 D
BEECH CREEK
SECTION ONE
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-65-134; Drawing , Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT
 Signature: *[Signature]* DATE: 12-18-85
 US SOIL CONSERVATION SERVICE

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

APPROVED:
 Signature: *[Signature]* DATE: 12/18/85
 Howard S.C.D.

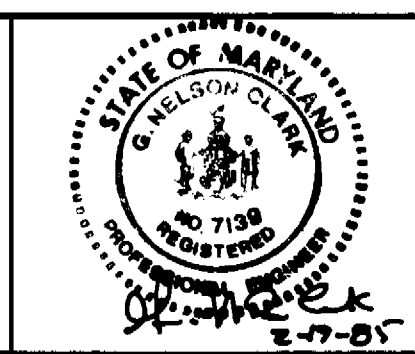
ITEM	QUANTITIES		MATERIAL/SUPPLIER
	EST'MD	AS-BUILT	
8"W	634 LF	620	
6"W	217 LF	245	
8"S	1018 LF	989	
6"SHC	205 LF	199.8	
1" WHC	120 LF	220	
3/4" WHC	175 LF	59	
F.H.	2 EA.	2	
4'-0" DIA. MH	8 EA.	8	
8" V	2 EA.	2	
6"V (incl. FH.)	1 EA.	1	
12" x 8" T.S. & V.	1 EA.	1	
8" DC TYPE "A"	2 EA.	2	

SECTION ONE
BEECH CREEK
LOTS 1 THRU 17

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Director of Public Works: *[Signature]* DATE: 12/18/85
 Chief, Bureau of Engineering: *[Signature]* DATE: 12/18/85
 Chief, Bureau of Utilities: *[Signature]* DATE: 12/18/85
 Chief, Land Development Div.: *[Signature]* DATE: 12/18/85

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



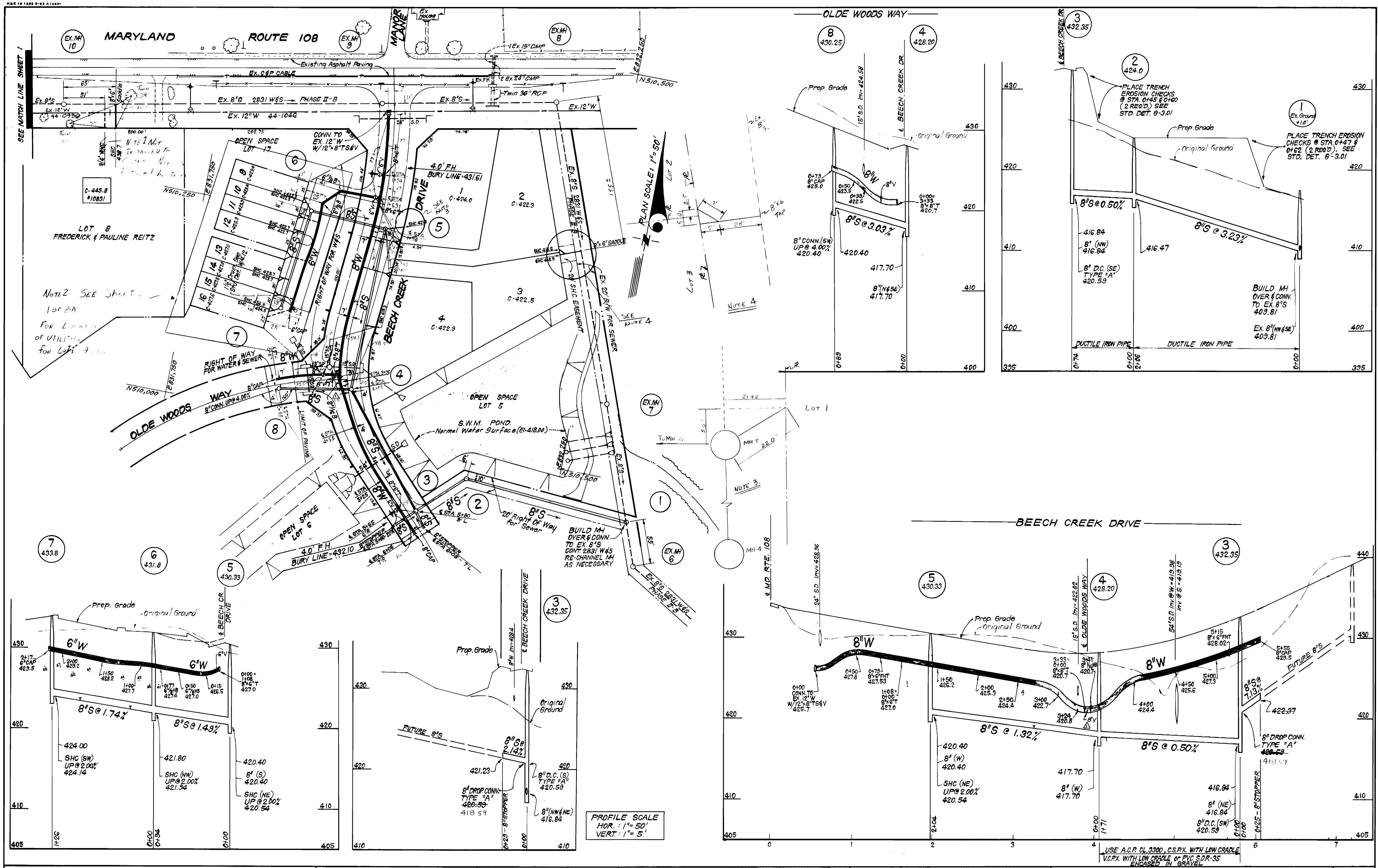
DES: C.C.M.	R.K.H.	REV. EXIST. WATER CONTR. NO.	1-25-86
DRN: V.L.B.			
CHK: C.C.M.			
DATE:	BY NO.	REVISION	DATE

TITLE SHEET

600' SCALE MAP NO. 20 BLOCK NO.

BEECH CREEK
SECTION ONE AREA ONE
5TH ELECTION DISTRICT
CONTRACT NO. 24-1330 D

SCALE AS SHOWN
SHEET 1 OF 2



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

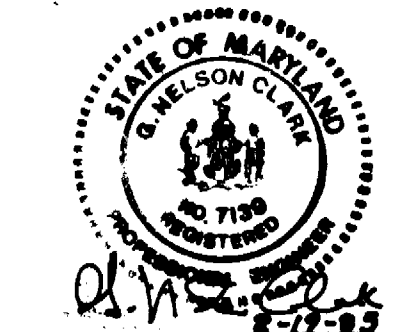
[Signature]
 DIRECTOR OF PUBLIC WORKS

[Signature]
 CHIEF, BUREAU OF ENGINEERING

[Signature]
 CHIEF, LAND DEVELOPMENT DIV.

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

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



DES: C.C.M.	AO	8" Valve	1/27/84
DRN: V.L.B.	R.F.H.	REV. EXIST. WATER CONTR. NO.	
CHK: C.C.M.			
DATE:	BY NO.	REVISION	DATE

PLAN & PROFILES OF
 WATER & SEWER MAINS

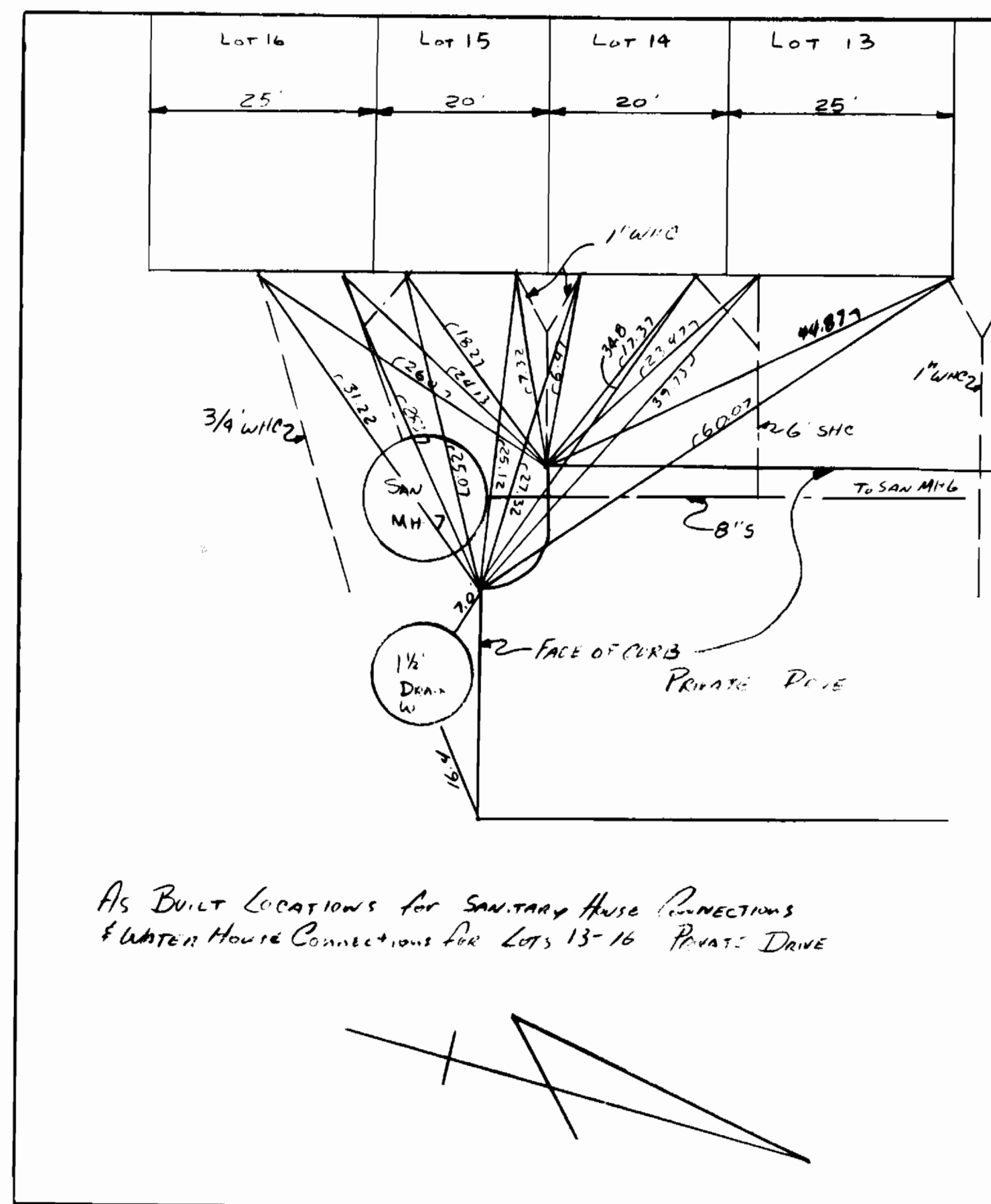
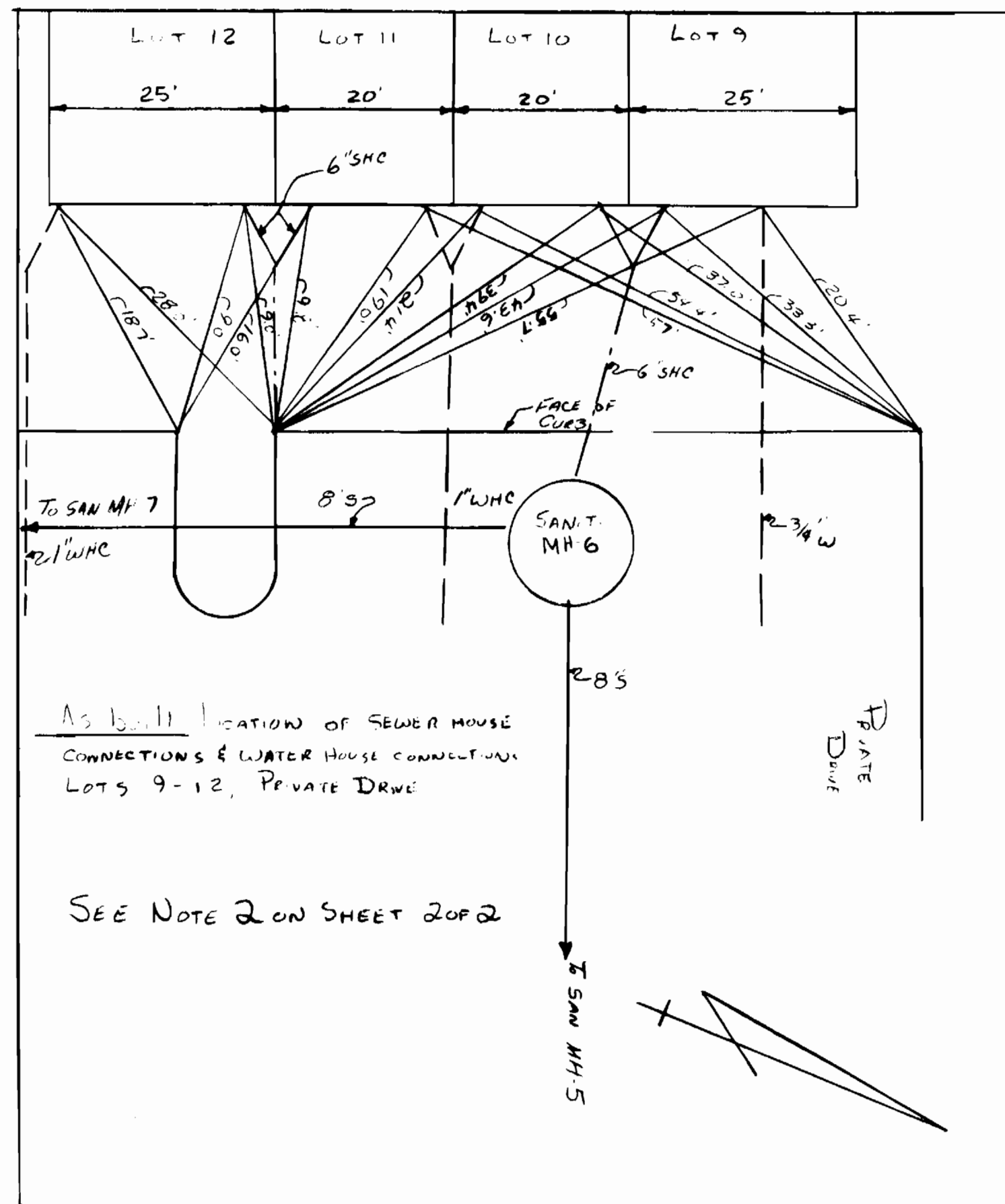
600' SCALE MAP NO. 29 BLOCK NO.

BEECH CREEK
 SECTION ONE AREA ONE
 5TH ELECTION DISTRICT
 CONTRACT NO. 24-1330 D

SCALE
 AS SHOWN

SHEET
 2 OF 2

AS-BUILT 3/3/86



BRUNING 44-132 691 50

**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. _____

SCALE AS SHOWN

SHEET 2A OF 2

CONTRACT NO. 24-1330 D

AS-BUILT