

# MEADOWBROOK

## SECTION 1

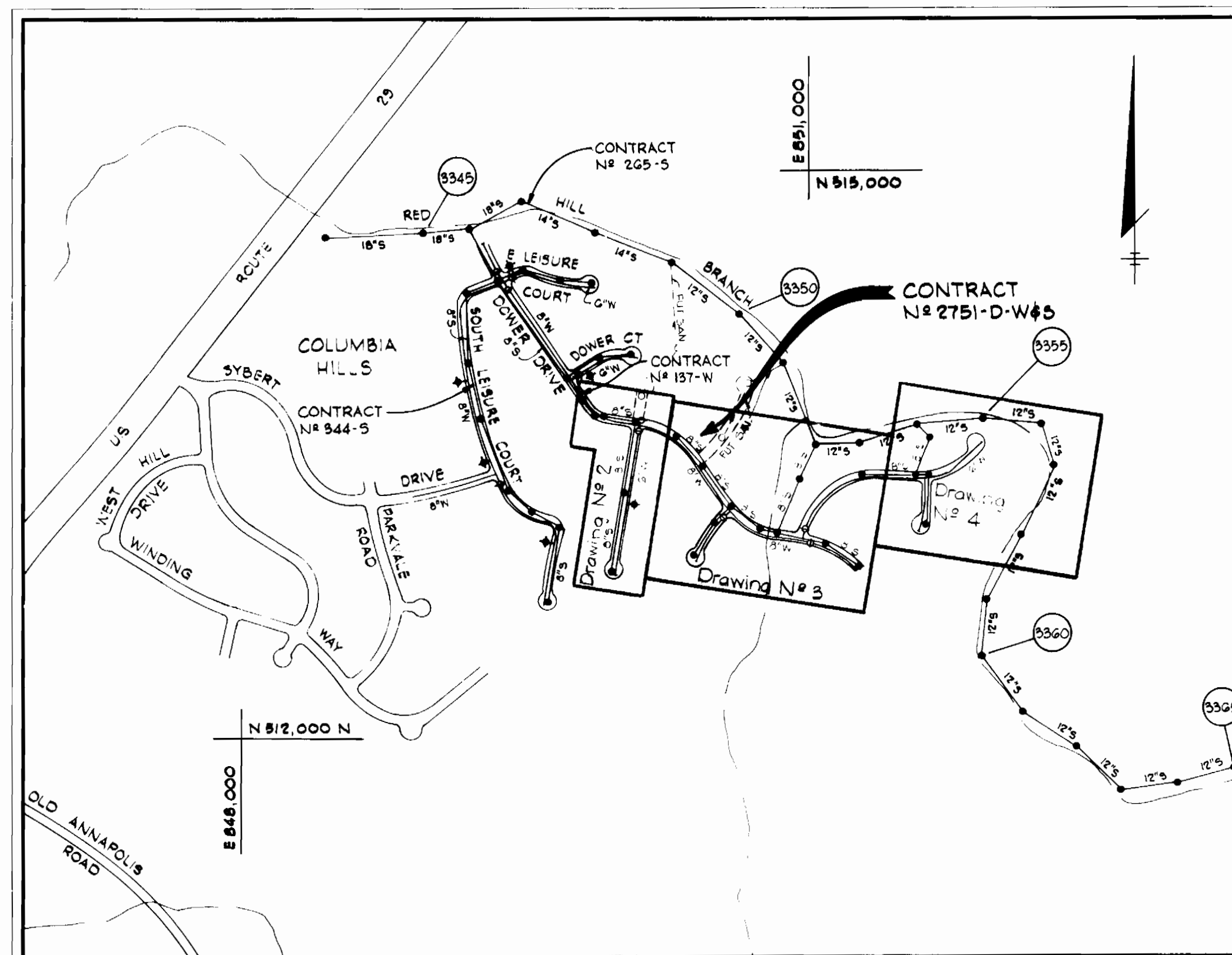
### WATER AND SEWER EXTENSIONS

# CONTRACT NO. 2751-D-W & S

## DEPARTMENT OF PUBLIC WORKS

## HOWARD COUNTY, MARYLAND

T.B.M. #2 EL. 381.88  
 P.K. NAIL @ STATION 0-04 @ LEISURE COURT CUL.-DE-SAC.  
 T.B.M. EL. 369.88  
 CUT ON CORNER OF INLET @ STA. 9+25, 23' RIGHT.



**VICINITY MAP**  
Scale: 1"=600'

Water - F.O.P.  
 Sewer - Outfall - Dwg. No. 2 - 5750014  
 - Dwg. No. 3 - 5750063  
 - Dwg. No. 4 - 5750065

**GENERAL NOTES**

1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
2. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
3. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES.
4. FOR ALL STANDARD DETAILS, SEE STANDARDS BOUND IN SPECIFICATIONS.
5. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
6. ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE DATUM.
7. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
8. ALL WATER MAINS TO HAVE A MIN. OF 3 1/2' COVER UNLESS OTHERWISE NOTED.
9. BLOCK ALL FITTINGS WITH CONCRETE. SEE STANDARDS BOUND IN SPECIFICATIONS.
10. BUILD ALL MANHOLES TO EXISTING GRADE UNLESS OTHERWISE NOTED.
11. ALL FIRE HYDRANTS SHALL BE STRAPPED TO TEES AND SHALL BE BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS.
12. CLEAR ALL UTILITIES BY A MINIMUM OF 6 INCHES.
13. ALL SEWERS SHALL BE V.C.P.X., C.S.P.X. OR A.C.P. CLASS 2400, UNLESS OTHERWISE NOTED.
14. WHERE SEWER SERVICE CONNECTIONS ENTER MANHOLES, INVERTS SHALL BE CHANNELIZED TO ACCOMMODATE FLOW.
15. PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
16. BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO ELEVATIONS SHOWN ON DRAWINGS.
17. COST OF STRAPPING HYDRANTS AND VALVES TO TEES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR FURNISHING AND LAYING WATER MAINS.

ITEM	QUANTITIES		SUPPLIER
	BID	AS BUILT	
8" Water	2,500 L.F.	2,500 L.F.	U.S. PIPE CL. 53
6" Water	1,075 L.F.	1,740 L.F.	U.S. PIPE CL. 52
Fire Hydrants	7	7	M.H. DRESSER
8" Sewer	4,000 L.F.	4,000 L.F.	JOHN MAUVILLE

TYPE II CL. 2400

GENERAL NOTE AS OF MARCH 7, 1976:

ALL SHC'S HAVE A - 14" TO 19" (2"x8") MARKER BOARD @ R  
 ALL WHC'S HAVE A - 7" (2"x8") MARKER BOARD @ R

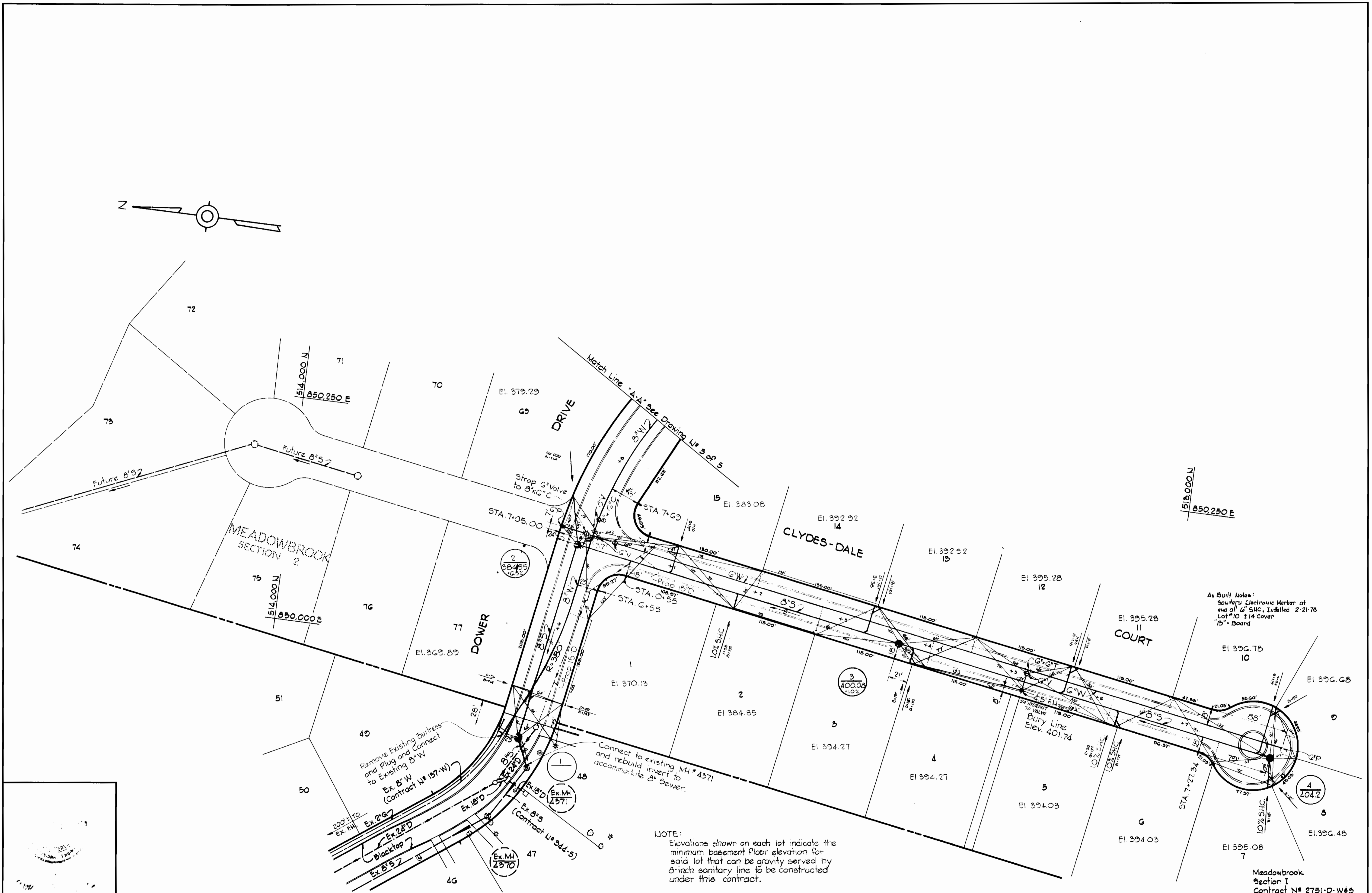
*James H. Tracy*

Meadowbrook  
 Section 1  
 Contract No. 2751-D-W & S

CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DIRECTOR OF PUBLIC WORKS DATE: _____ CHIEF - BUREAU OF ENGINEERING DATE: _____	CONTRACT NO. 2751-D-W & S	TITLE SHEET	MEADOWBROOK - SECTION 1 ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 1 OF 5 SCALE AS SHOWN
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AS-BUILT MARCH 7, 1976

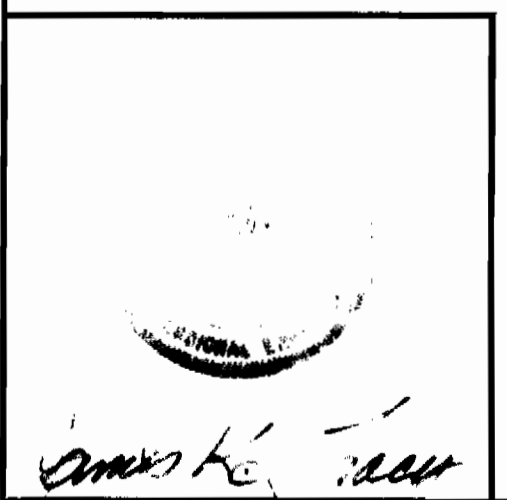
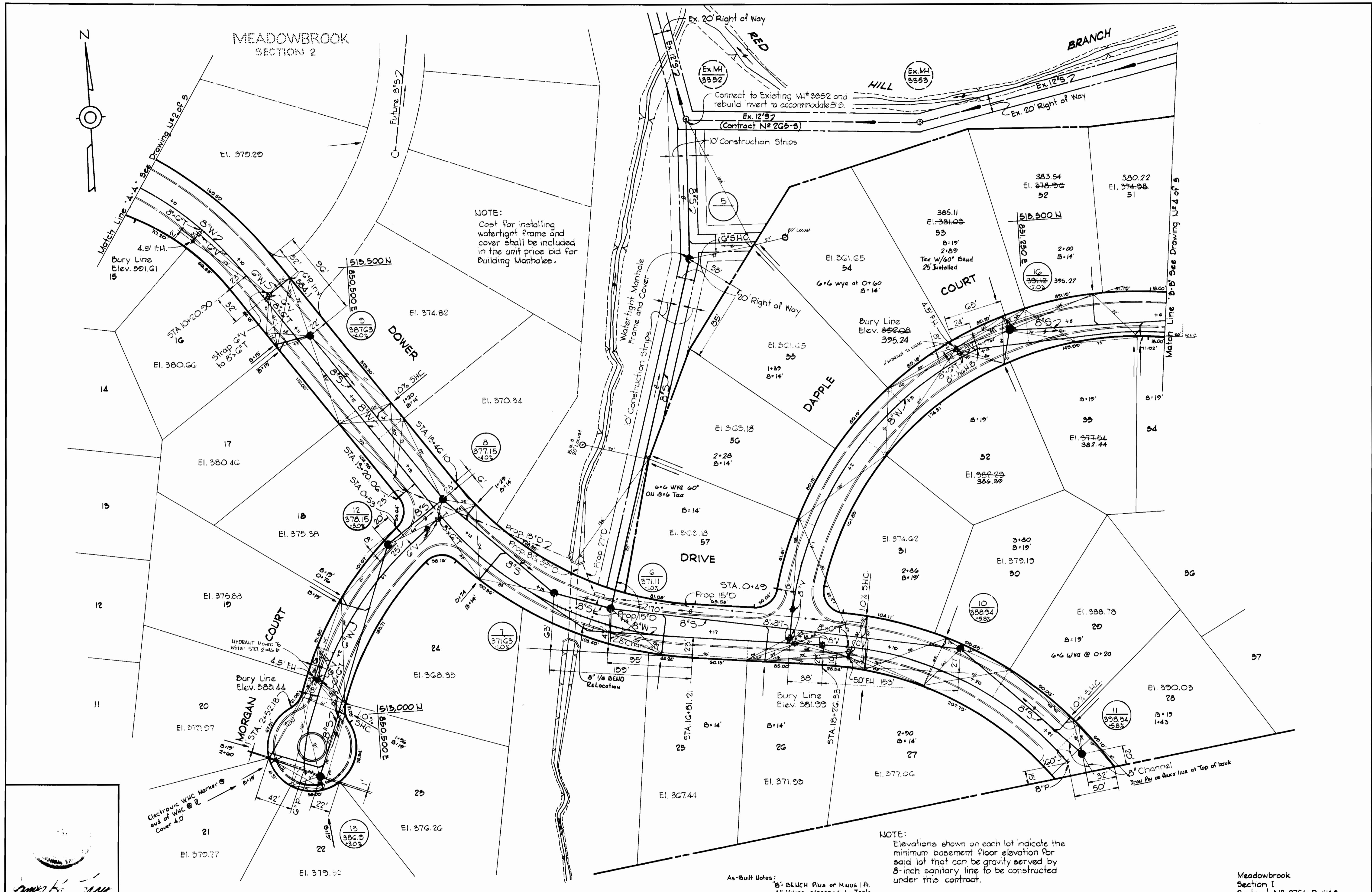
JULY 10, 1976



NOTE:  
 Elevations shown on each lot indicate the minimum basement floor elevation for said lot that can be gravity served by 8-inch sanitary line to be constructed under this contract.

As Built Notes:  
 Survey Electronic Marker at end of 6\"/>

CENTURY ENGINEERING, INC. CONSULTING ENGINEERS - PLANNERS TOWSON, MARYLAND 21204	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND T. J. Ragan, 8-1-77, Director of Public Works W. O. Libert, 8-1-77, Chief - Bureau of Engineering	CONTRACT NO. 2751-D-W&S	PLAN OF WATER AND SEWER MAINS	MEADOWBROOK - SECTION 1 ELECTION DISTRICT - ELLICOTT CITY NO. 2	DRAWING NO. 2 OF 5 SCALE 1"=50'
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**CENTURY ENGINEERING, INC.**  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND

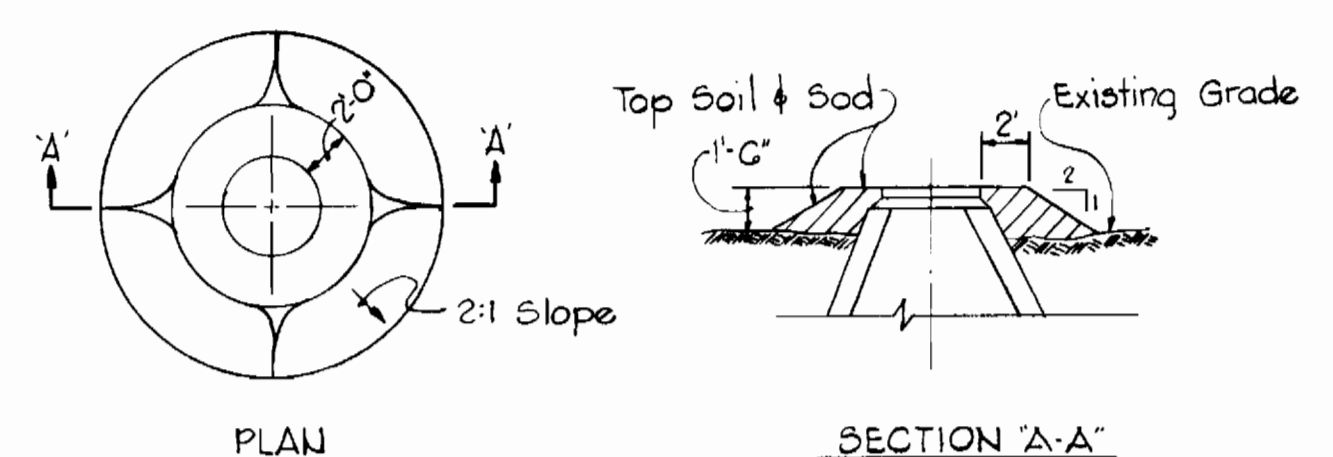
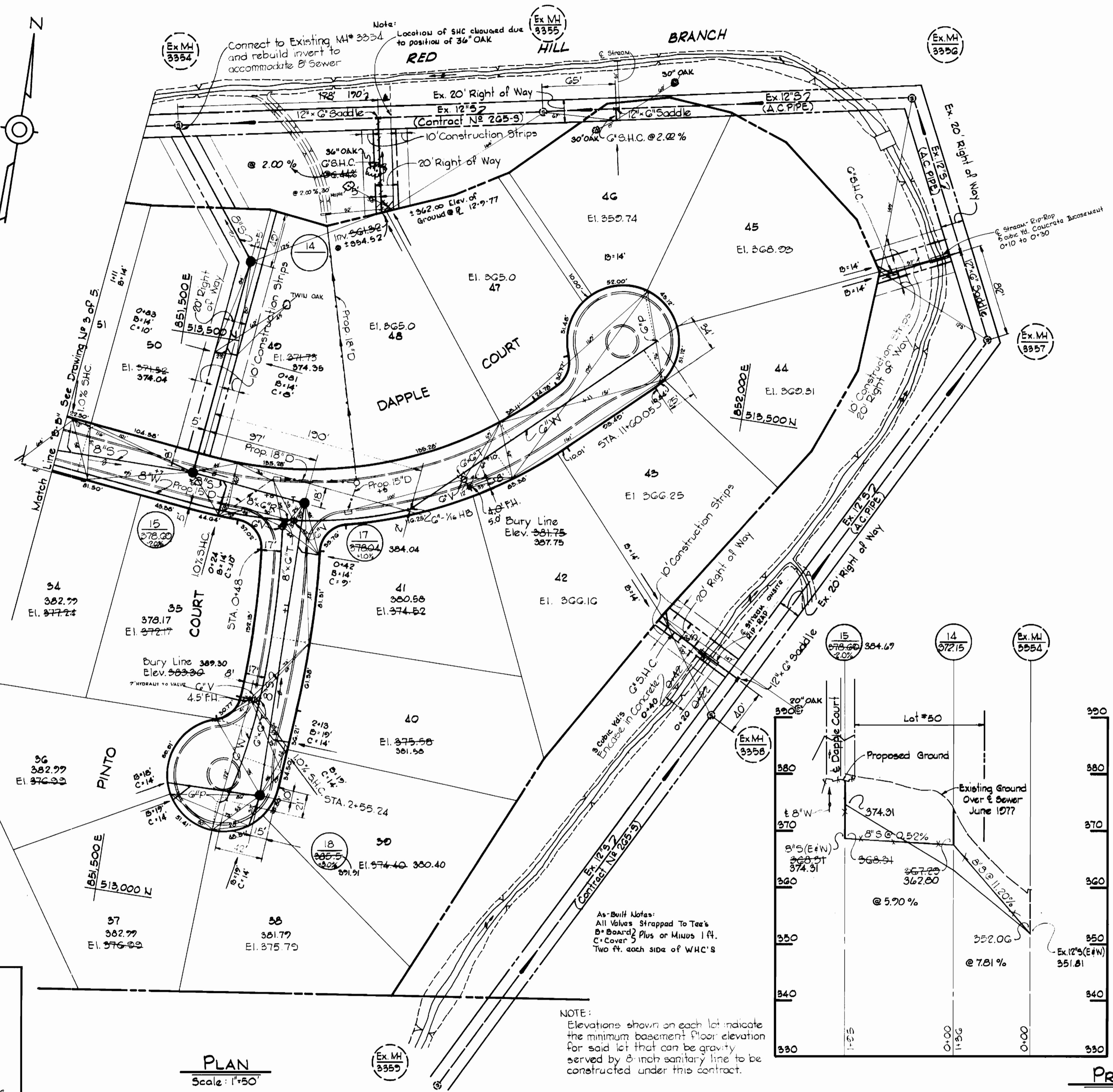
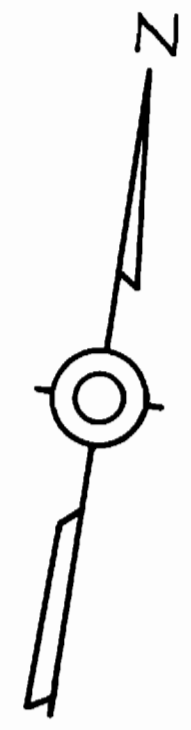
*M. P. [Signature]* 8-1-77 *W. O. [Signature]* 8-1-77  
DIRECTOR OF PUBLIC WORKS DATE CHIEF - BUREAU OF ENGINEERING DATE

**CONTRACT NO. 2751-D-W&S**

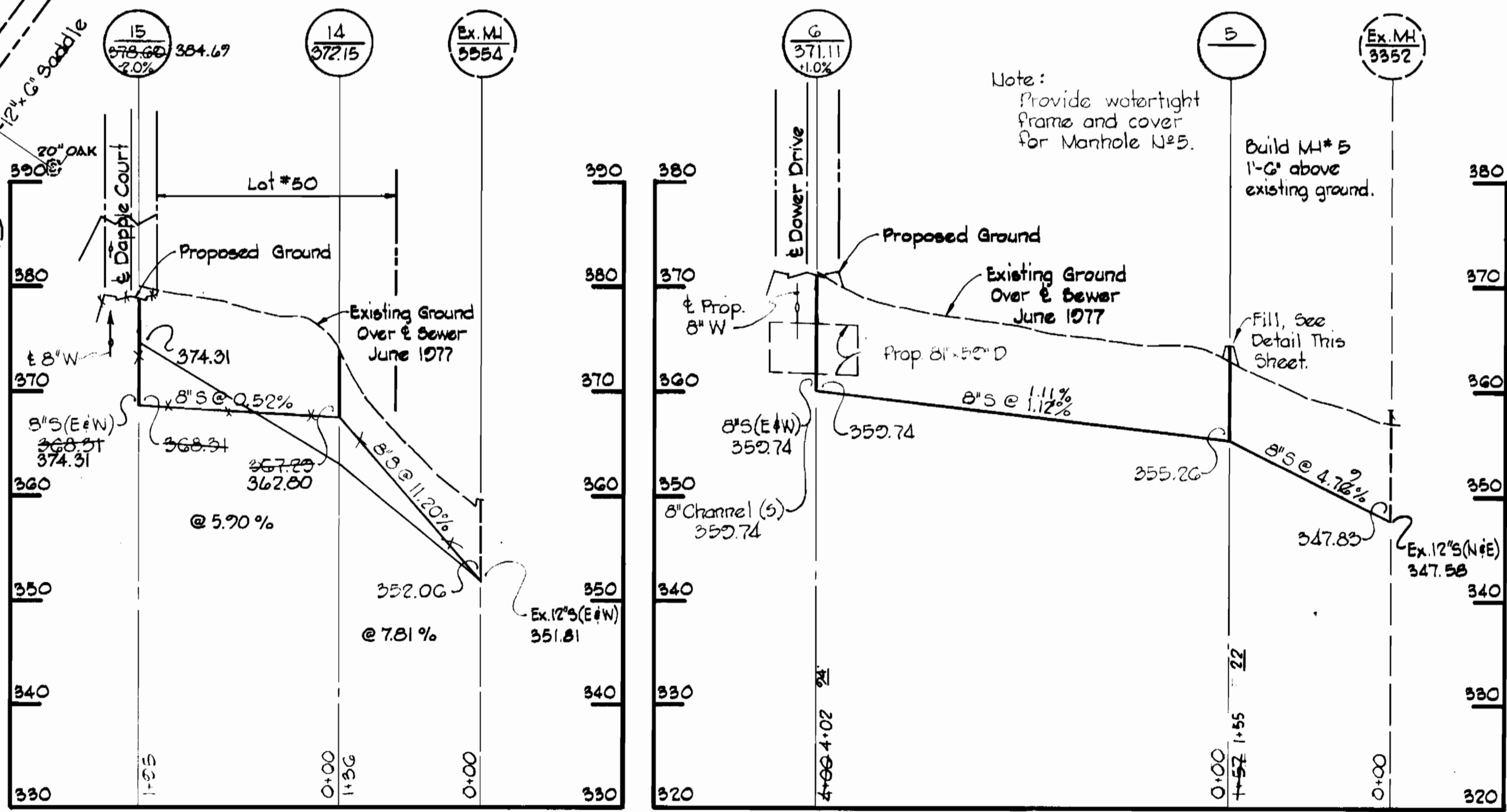
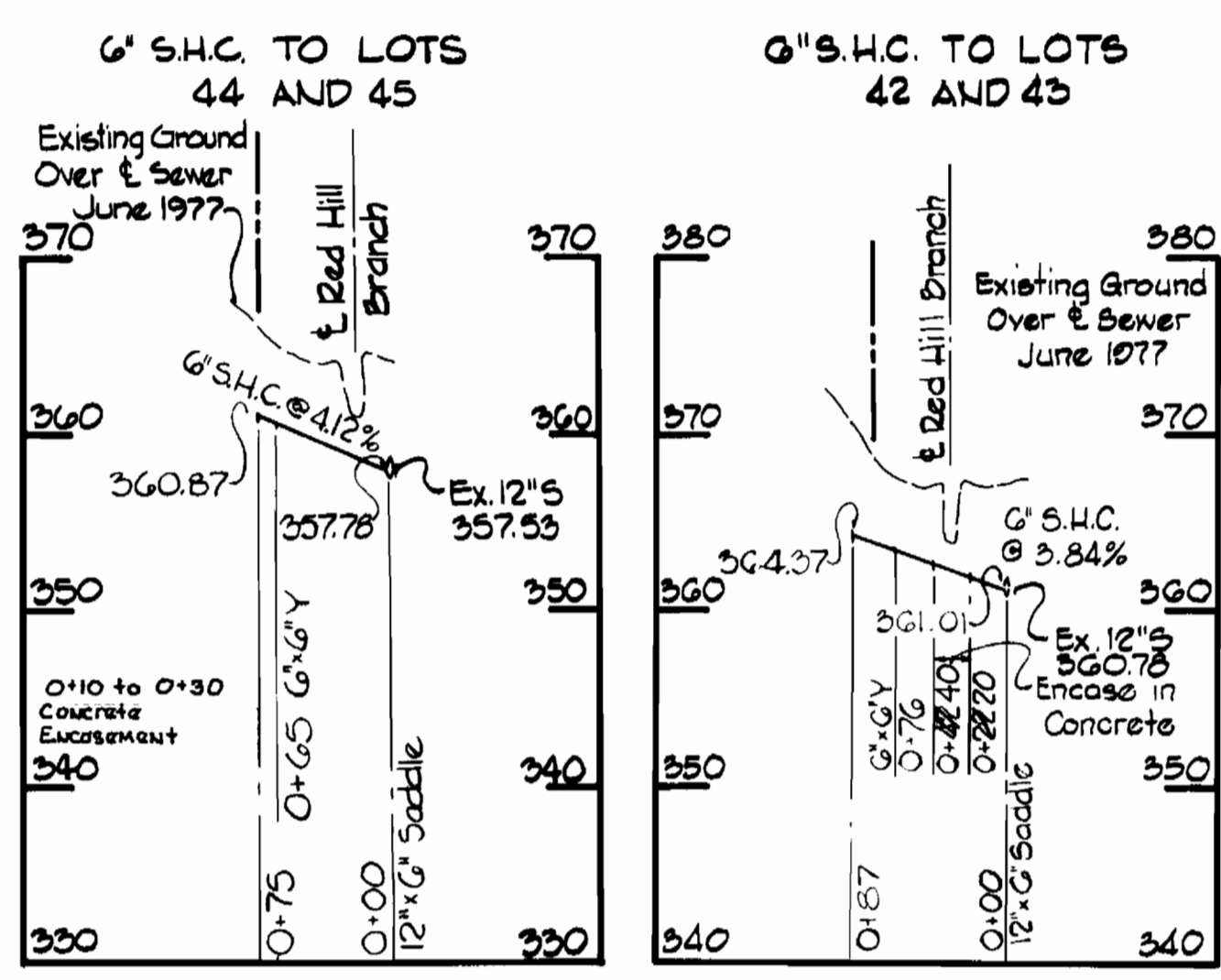
**PLAN OF WATER AND SEWER MAINS**

**MEADOWBROOK - SECTION 1  
ELECTION DISTRICT - ELLICOTT CITY NO. 2**

**DRAWING NO. 3 OF 5 SCALE 1"=50'**



FILL DETAIL AT MH # 5  
No Scale



PROFILE

Scale: Horiz. 1"=100'  
Vert. 1"=10'

Meadowbrook  
Section I  
Contract No. 2751-D-W#5



Anna K. [Name]

PLAN  
Scale: 1"=50'

NOTE:  
Elevations shown on each lot indicate the minimum basement floor elevation for said lot that can be gravity served by 8-inch sanitary line to be constructed under this contract.

As-Built Notes:  
All Values Strapped To Ties  
B = Board Plus or Minus 1/4"  
C = Cover Plus or Minus 1/4"  
Two ft. each side of WHC's

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CONTRACT NO. 2751-D-W#5

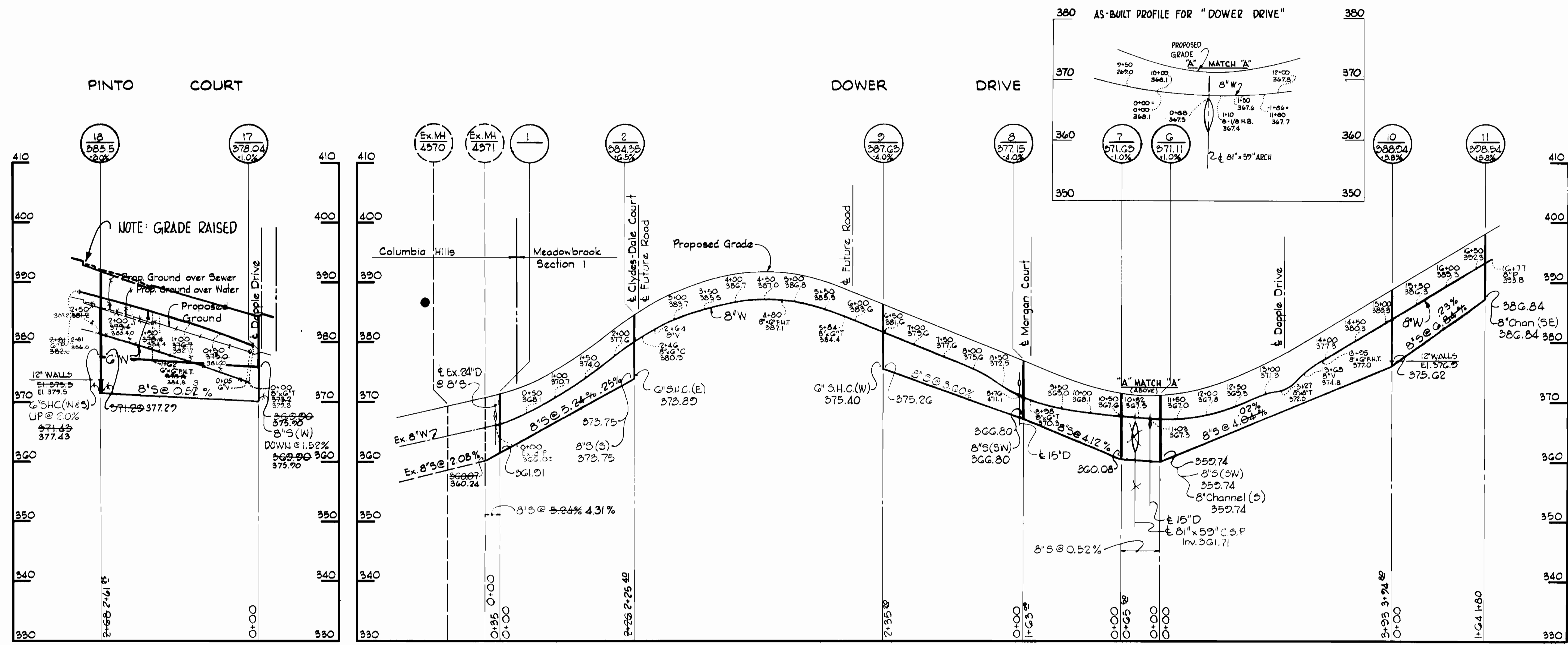
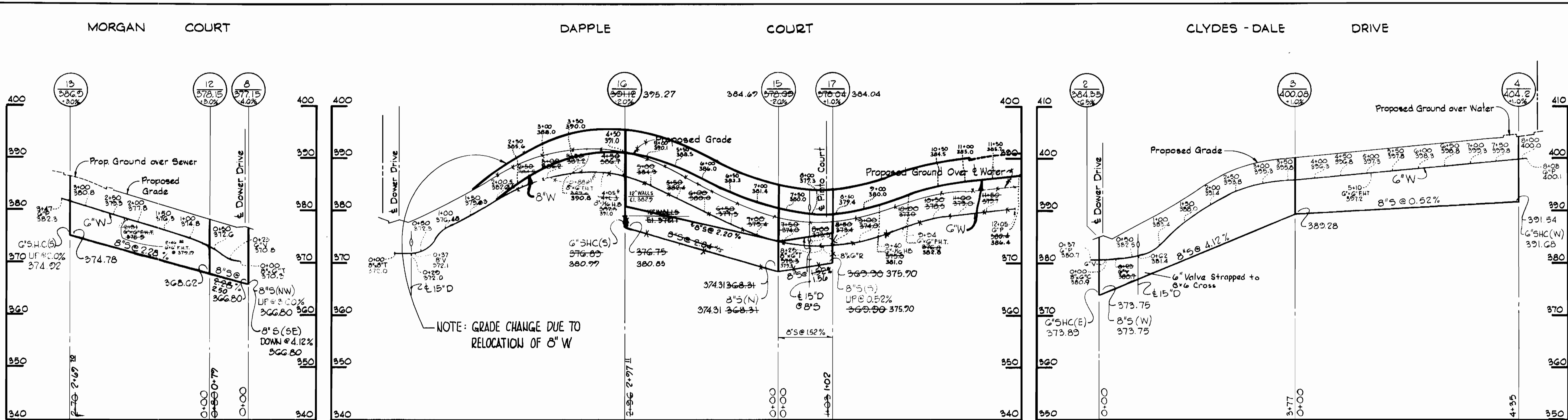
PLAN AND PROFILES OF  
WATER AND SEWER MAINS

MEADOWBROOK - SECTION I  
ELECTION DISTRICT - ELLICOTT CITY NO. 2

DRAWING  
NO. 4  
OF 5

SCALE  
AS  
SHOWN

8-1-77 W.O. Lambert 8-1-77  
DIRECTOR OF PUBLIC WORKS DATE CHIEF - BUREAU OF ENGINEERING DATE



CENTURY ENGINEERING, INC.  
CONSULTING ENGINEERS - PLANNERS  
TOWSON, MARYLAND 21204

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

CONTRACT NO. 275I-D-W&S

PROFILES OF  
WATER AND SEWER MAINS

MEADOWBROOK - SECTION I  
ELECTION DISTRICT - ELLICOTT CITY NO.2

DRAWING NO. 5 OF 5  
SCALE H:1"=100'  
V:1"=10'

Meadowbrook Section I  
Contract No. 275I-D-W&S