

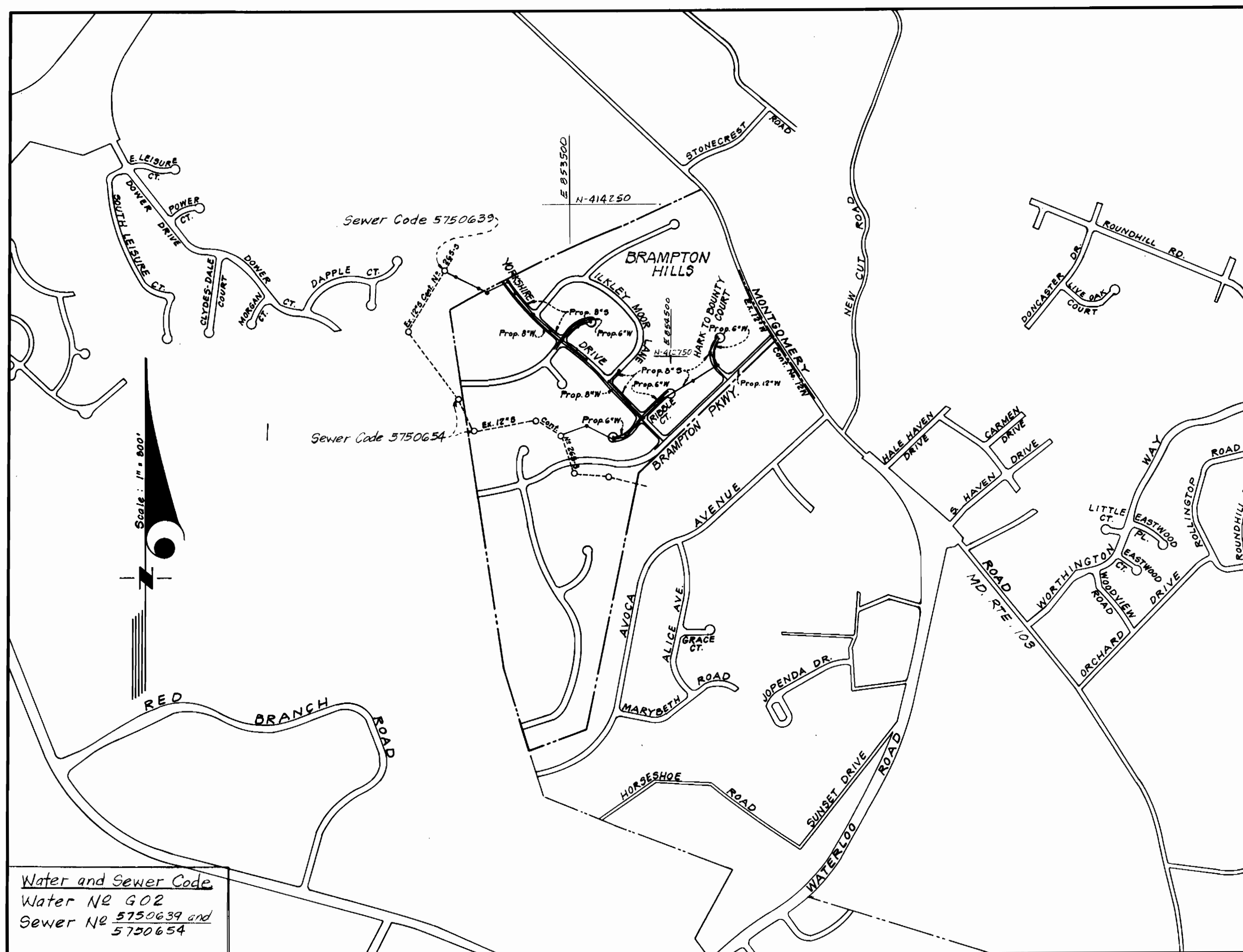
Sediment Control Measures for this Contract will be implemented in accordance with Section 14-2.1.2 of the Specifications.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

James M. ... 4-8-80
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:
Robert W. Zick 4-8-80
HOWARD S.C.D. DATE



Water and Sewer Code
Water No 602
Sewer No 5750639 and 5750654

Type of Buildings	Single Family Detached
Number of Lots	72
Number of Water House Conn's	75
Number of Sewer House Conn's	79
Drainage Area	Savage

CONTRACT NO. 2855 D W&S

BRAMPTON HILLS SECTION ONE

HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS



A. N. Clark
8-22-77

BRAMPTON HILLS SECTION ONE LOTS 1 THRU 76 CONTRACT NO. 2855 D W&S

GENERAL NOTES

- All water mains to be C.I.P., D.I.P. unless otherwise shown.
- Top of all water mains to have a minimum of 3.5 ft cover unless otherwise noted.
- All valves shall be strapped to face in accordance with standard details.
- Block all fittings with concrete, see standards bound in specifications.
- 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 hydrants to be compacted in accordance with Section 5-15 of the Standard Specifications.
- All sewer mains shall be C.S.P.X., V.C.P.X., 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.
- Approximate locations 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.
- 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.
- For all standard details see standards bound in specifications.
- Contractor shall locate existing utilities in advance of construction operations in the vicinity of proposed utilities.
- Contractor shall notify the following utilities or agencies at least five (5) days before starting work shown on these plans.
State Highway Administration - 531-5533
Baltimore Gas and Electric Company - Underground Electric Distribution Engineering, "Damage Control" - 234-5691.
Baltimore Gas and Electric Company - Underground Gas Distribution Engineering - 559-0100
Chesapeake and Potomac Telephone Co. - 725-9976
American Telephone and Telegraph - Cable Location Division - 301-993-3555.
Colonial Pipeline Company - 761-4641.
- 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 rocks along line of excavation as directed by the Engineer. Payment for such removal shall be included in the unit price bid for excavation and backfill for water and sewer mains.
- 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.

QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
12" Water	1510'	1505.0'	GRIFFIN
8" Water	2932'	2932.0'	GRIFFIN
6" Water	1949'	1959.0'	GRIFFIN
8" Sewer	5815'	5791.9'	JOHNS MANSVILLE
F.H.	10	10	MH - DRESSER
6" Water Main Valve	4	4	MH - DRESSER
8" Water Main Valve	6	7	MH - DRESSER
12" Water Main Valve	2	2	MH - DRESSER

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
James L. ... 3/22/80
CHIEF BUREAU OF UTILITIES DATE CHIEF BUREAU OF ENGINEERING DATE

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

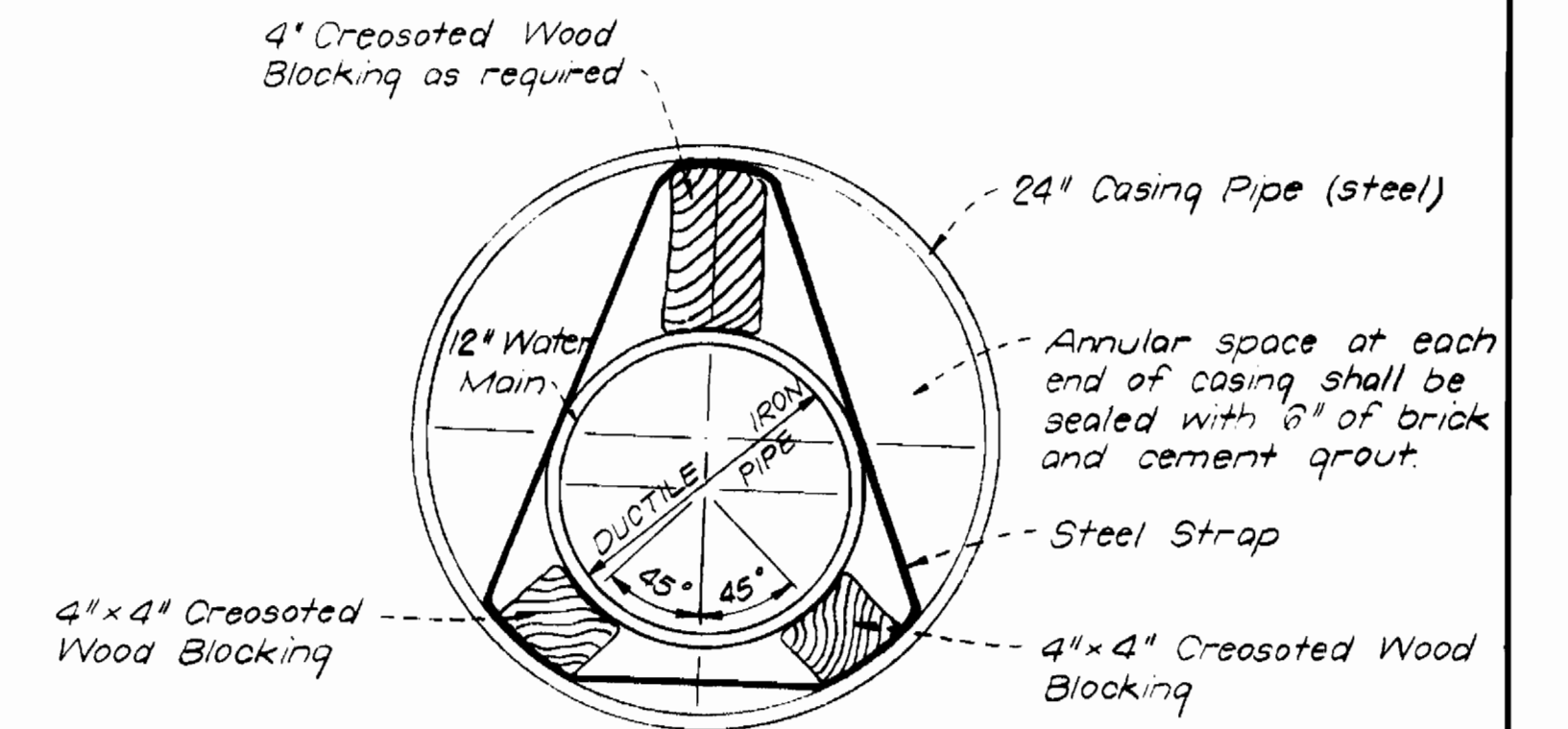
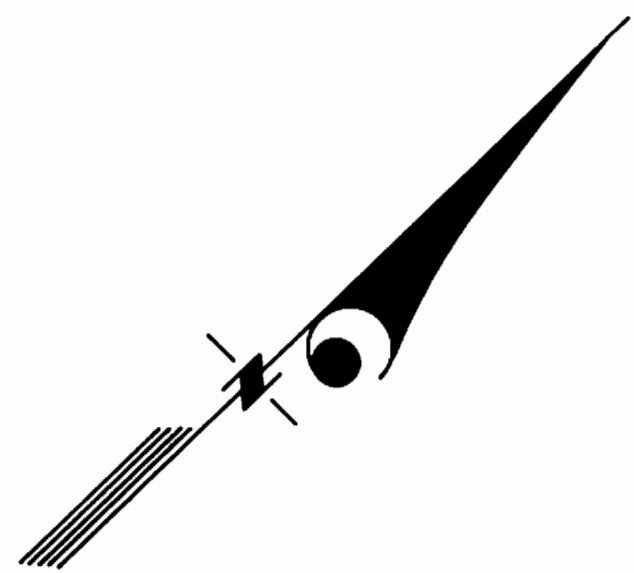
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
David F. ... 4-8-80
DIRECTOR OF PUBLIC WORKS DATE

CONTRACT NO. 2855 D W&S

LOCATION MAP

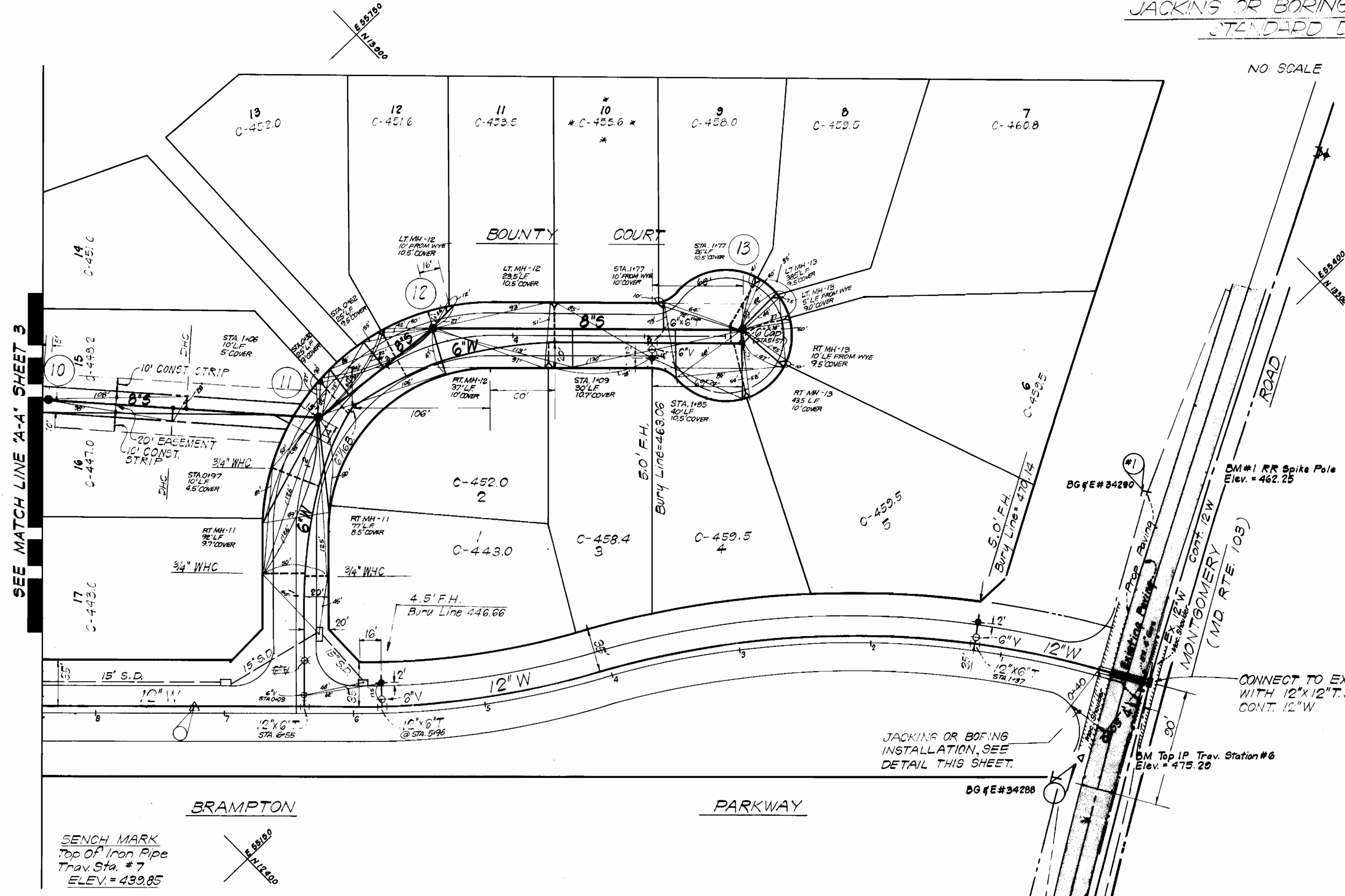
SECTION ONE BRAMPTON HILLS
ELECTION DISTRICT-ELLCOTT CITY No. 2

DRAWING NO. 1 OF 7
SCALE 1" = 50'



*-CELLAR ELEVATION TO BE RAISED TO MEET 50' SETBACK REQUIREMENT FOR HOUSE

JACKING OR BORING INSTALLATION
STANDARD DETAIL



NO SCALE

SEE MATCH LINE 'A-A' SHEET 3

JACKING OR BORING
INSTALLATION, SEE
DETAIL THIS SHEET.



A. W. Clark
8-22-79

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
James J. Clark
CHIEF-BUREAU OF UTILITIES
3/26/80 DATE
D. C. Robinson
CHIEF-BUREAU OF ENGINEERING
4-8-80 DATE

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
D. F. Nunnery
DIRECTOR OF PUBLIC WORKS
4-8-80 DATE

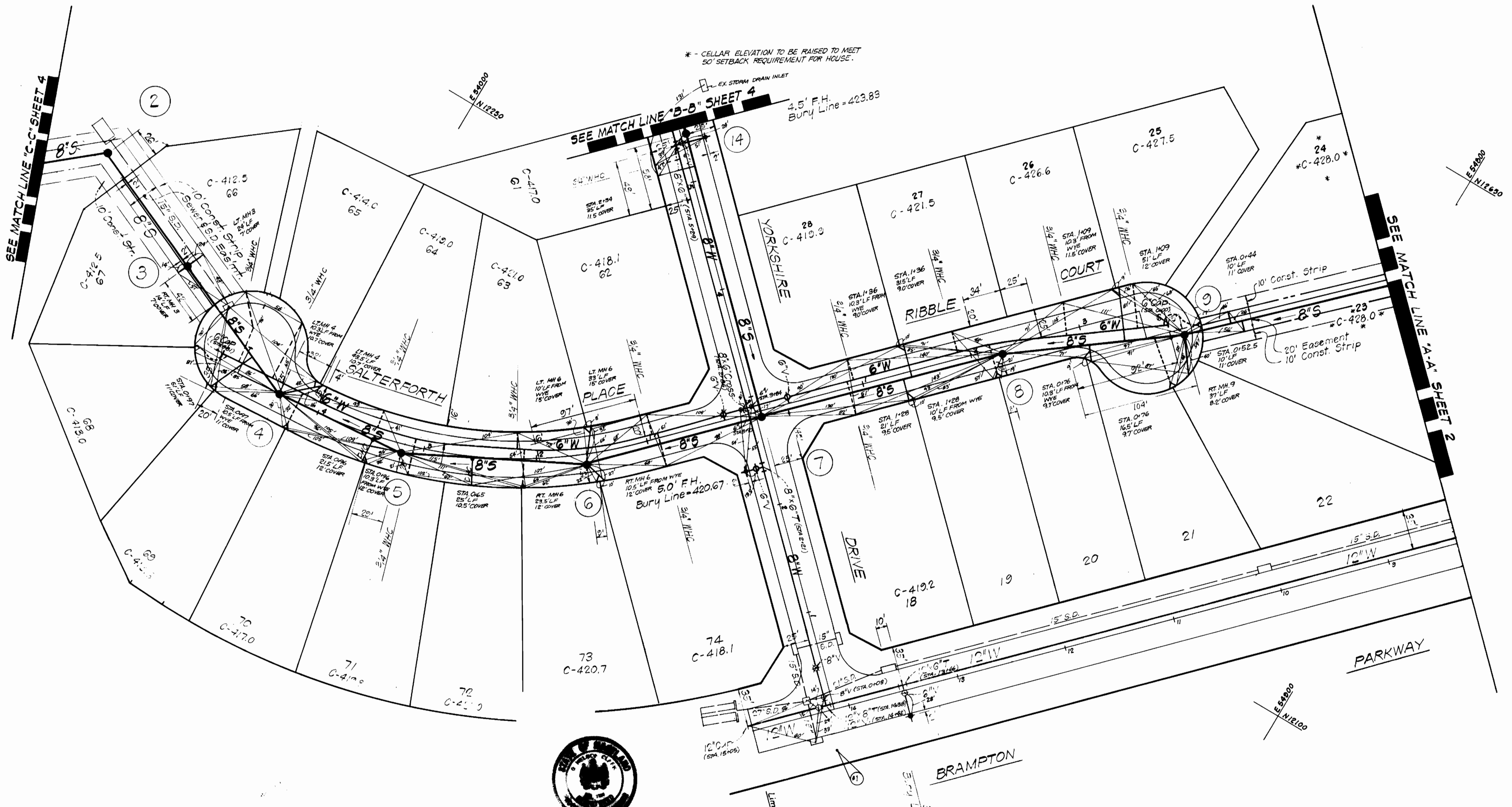
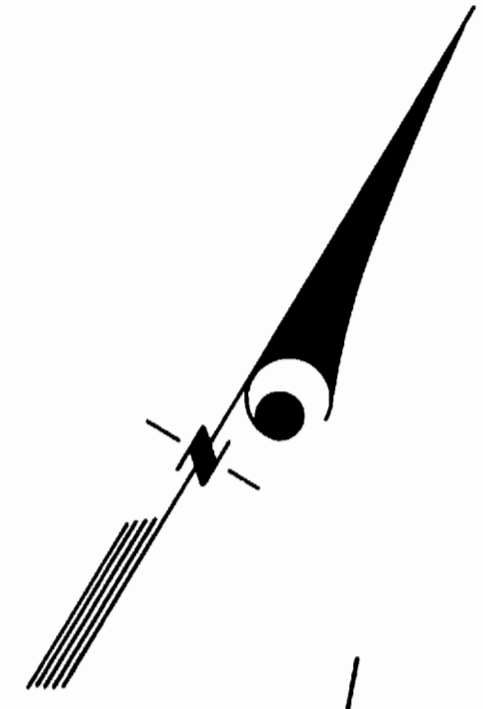
CONTRACT NO. 2855D WAS

**PLAN OF
WATER & SEWER MAINS**

**SECTION ONE
BRAMPTON HILLS
ELECTION DISTRICT-ELLCOTT CITY No. 2**

**DRAWING
NO. 2
OF 7**

**SCALE
1"=50'**



* - CELLAR ELEVATION TO BE RAISED TO MEET 50' SETBACK REQUIREMENT FOR HOUSE.
 4.5' F.H. Bury Line = 423.83



W. H. C. Co.
 8-23-80

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
James J. Kelly 4-8-80
 CHIEF-BUREAU OF UTILITIES DATE
Robert S. Ray
 CHIEF-BUREAU OF ENGINEERING DATE
CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND • (301) 593-3400

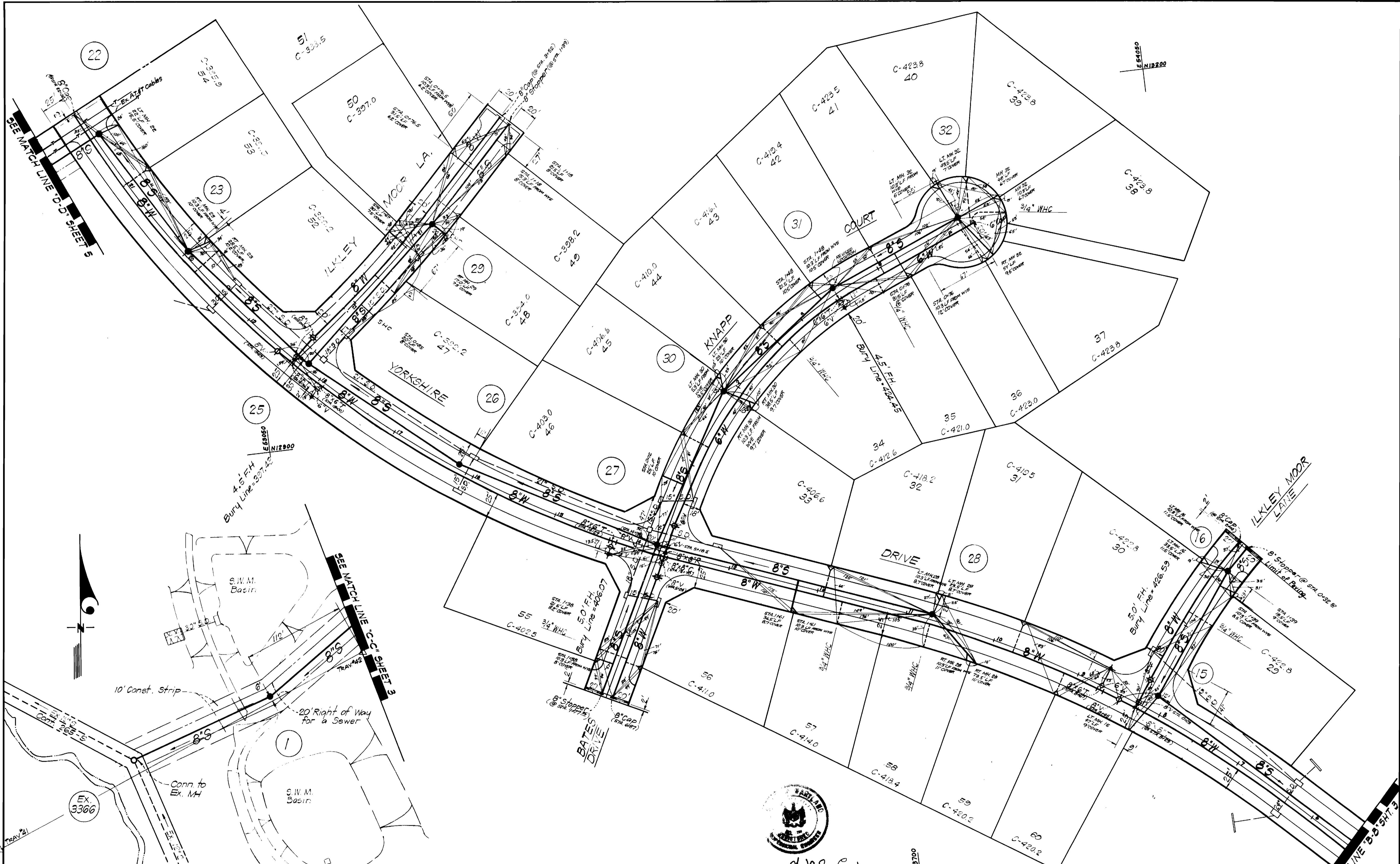
DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Don F. Neuman 4-8-80
 DIRECTOR OF PUBLIC WORKS DATE

CONTRACT NO. **2855DW8S**

PLAN OF WATER & SEWER MAINS

SECTION ONE BRAMPTON HILLS
 ELECTION DISTRICT-ELLCOTT CITY No. 2

DRAWING NO. **3** OF **7** SCALE **1"=50'**



D. N. Cox
8-22-79

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
3/6/80
CHIEF BUREAU OF UTILITIES DATE CHIEF BUREAU OF ENGINEERING DATE

REVISION	DATE
2 Revised SHC's to lots 47 & 48	5-23-80

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

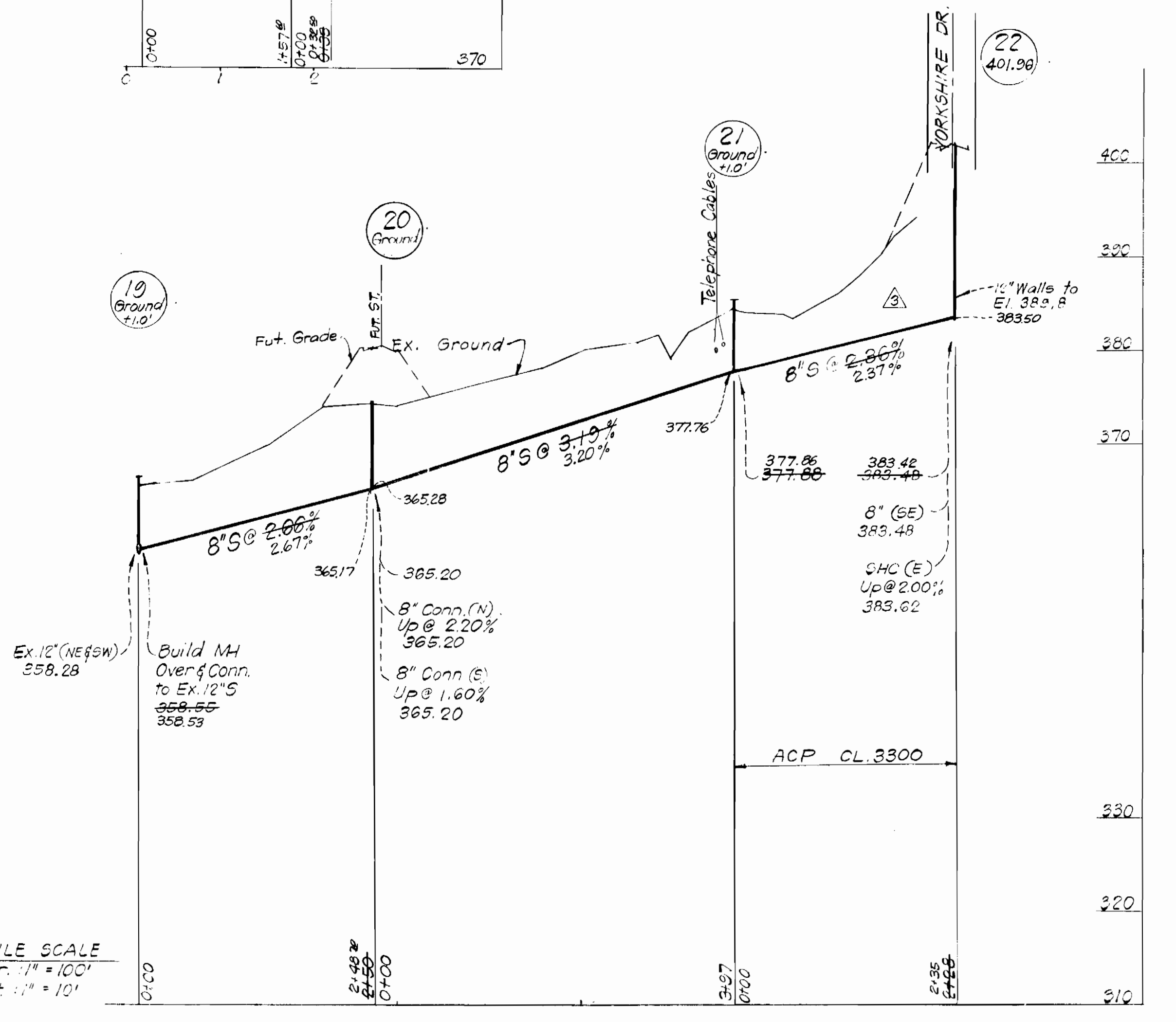
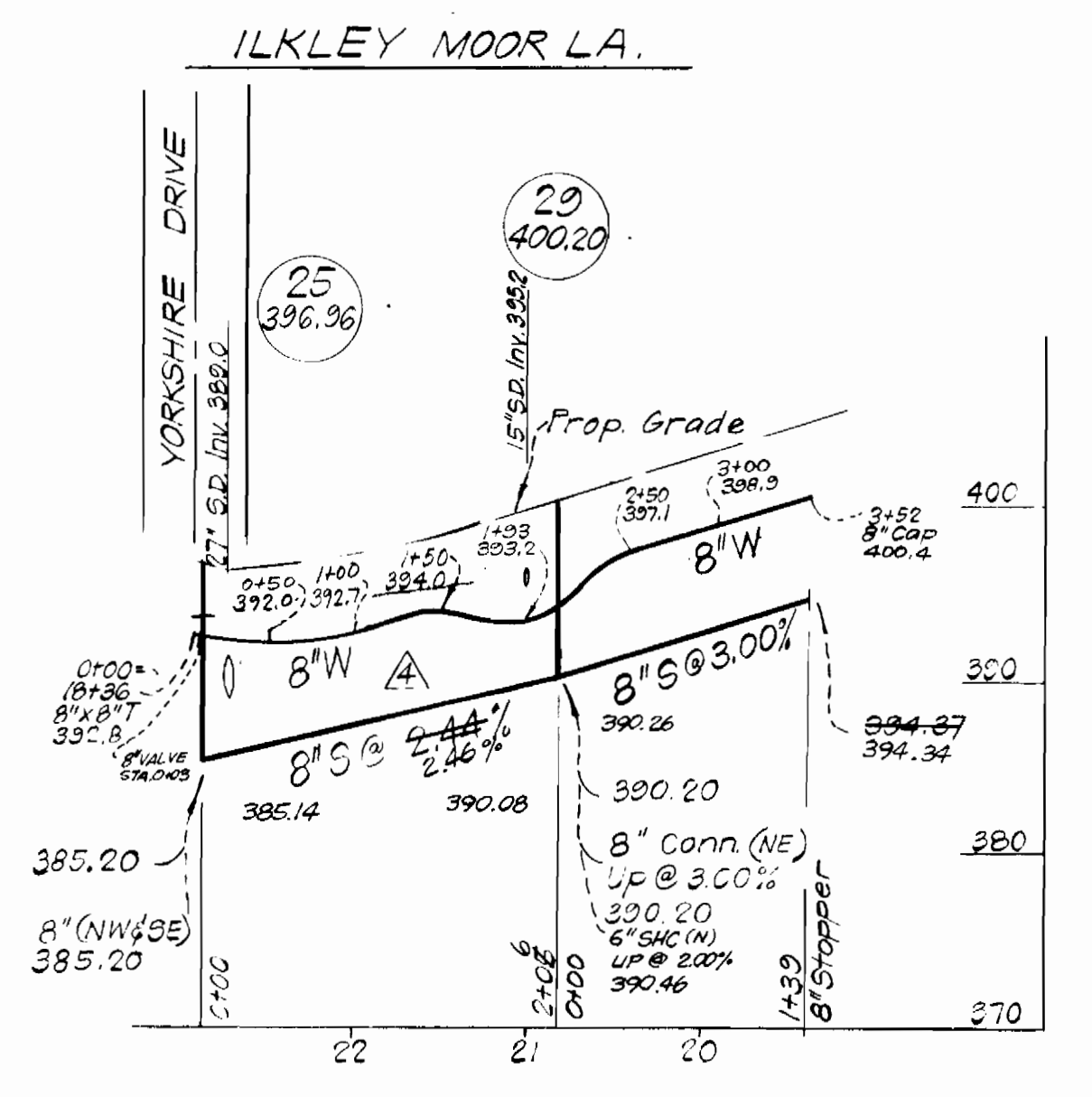
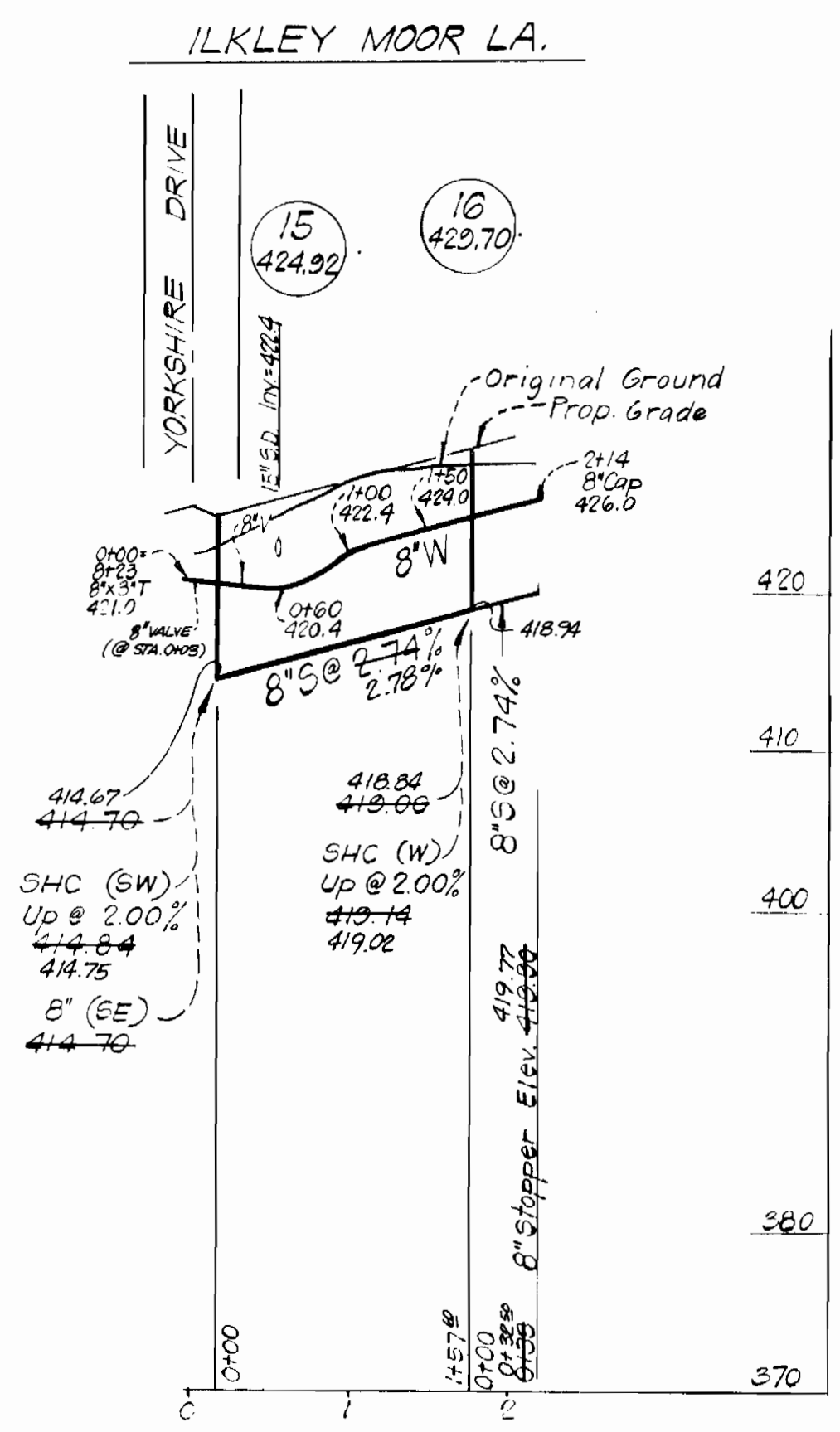
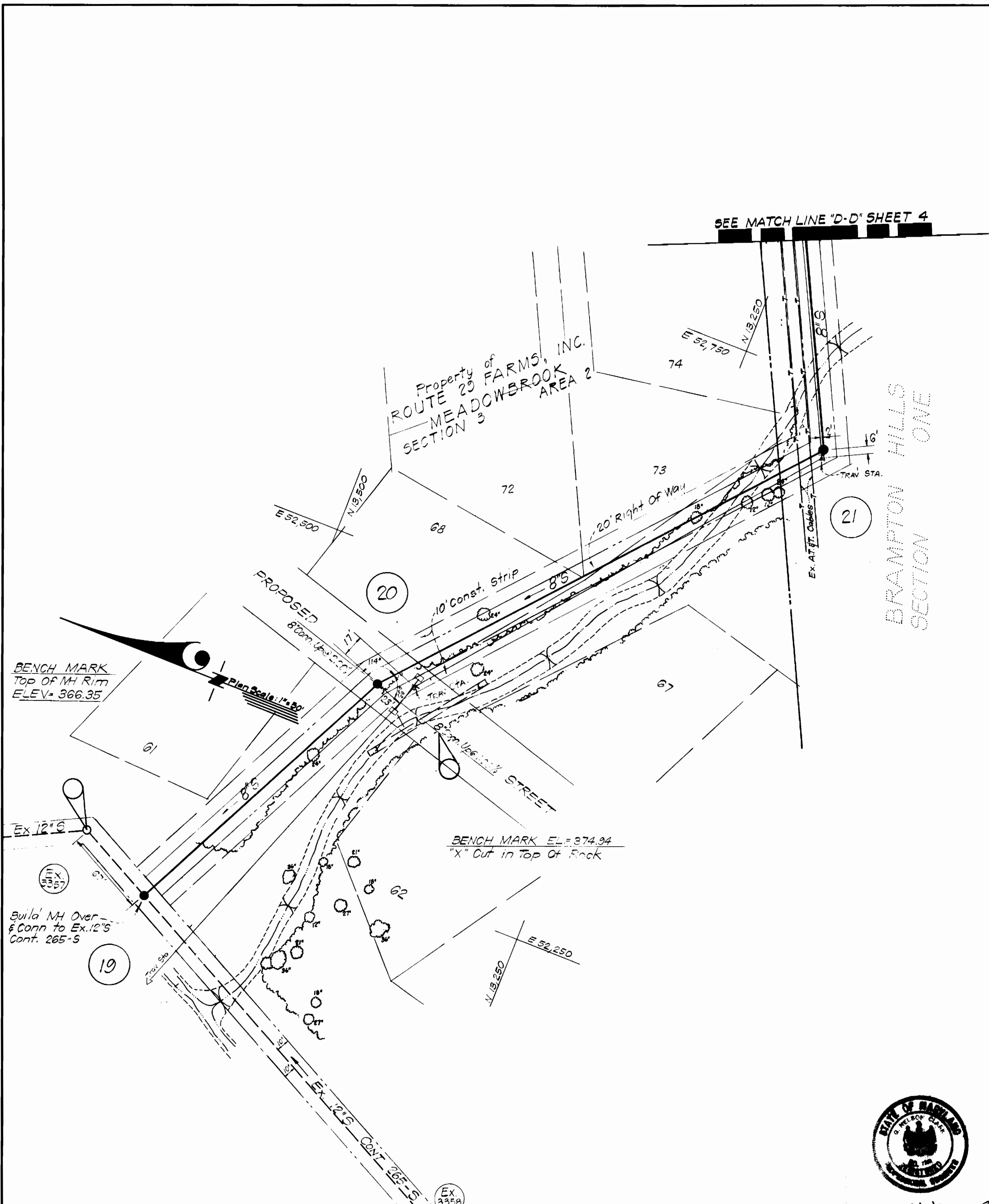
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
W. F. Neuman
DIRECTOR OF PUBLIC WORKS DATE 4-8-80

CONTRACT NO. 2855D WAS

PLAN OF WATER & SEWER MAINS

SECTION ONE BRAMPTON HILLS
ELECTION DISTRICT-ELICOTT CITY No. 2

DRAWING NO. 4 OF 7
SCALE 1" = 50'



A. N. S. Bank
8-22-79

PROFILE SCALE
Hor. 1" = 100'
Vert. 1" = 10'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
James H. Blair
CHIEF-BUREAU OF UTILITIES
DATE: *4-8-80*
William E. Ray
CHIEF-BUREAU OF ENGINEERING
DATE:

Revised Profile 8" W & 8" S bet. MH's 25 & 29	5-23-80
Revised Profile 8" S between MH's 21 & 22	5-23-80
REVISION	DATE

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Walter F. Nunn
DIRECTOR OF PUBLIC WORKS
DATE: *4-9-80*

CONTRACT NO. **855DW85**

PLANS & PROFILES OF WATER & SEWER MAINS

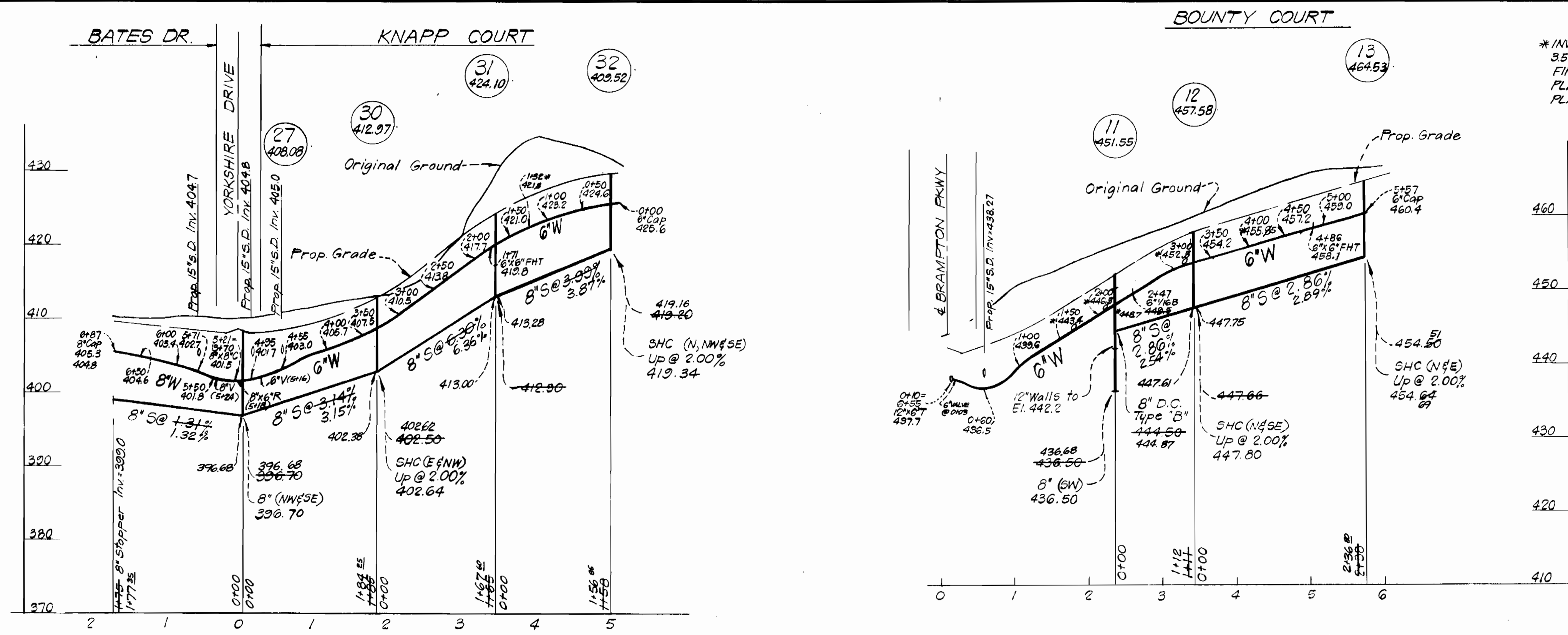
SECTION ONE BRAMPTON HILLS ELECTION DISTRICT-ELLCOTT CITY No. 2

DRAWING NO. **5** OF **7**

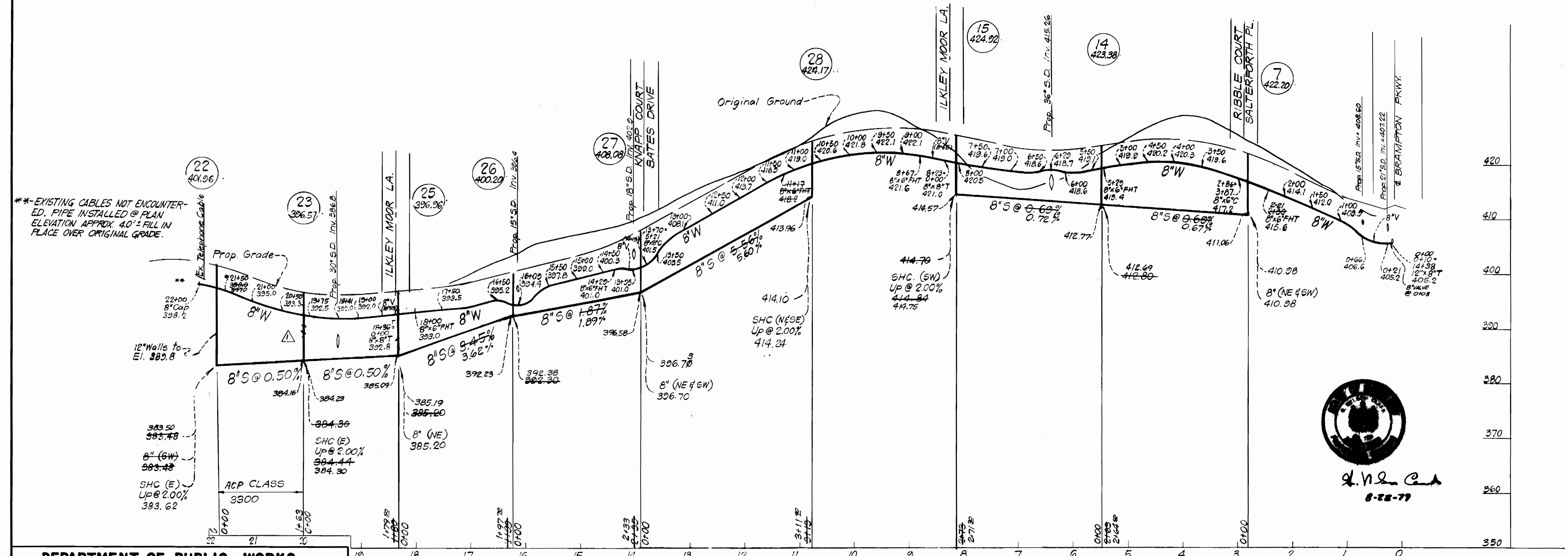
SCALE As Shown

BOUNTY COURT

AS-BUILT NOTE
 *INVERT ELEVATIONS LOWERED TO INSURE 3' COVER OVER THE TOP OF PIPE USING FINISHED GRADE FROM APPROVED ROAD PLANS. AS PER NOTE #2, Pg. 1 OF THESE PLANS. (GENERAL NOTES).



YORKSHIRE DRIVE



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 3/29/80 DATE 3/29/80
 CHIEF-BUREAU OF UTILITIES DATE CHIEF-BUREAU OF ENGINEERING DATE
 Revised Profile YORKSHIRE DR. Between Sta 17+00 & 22+00 5-23-80

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

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DIRECTOR OF PUBLIC WORKS DATE

CONTRACT NO. **855D WAS**

PROFILES OF WATER & SEWER MAINS

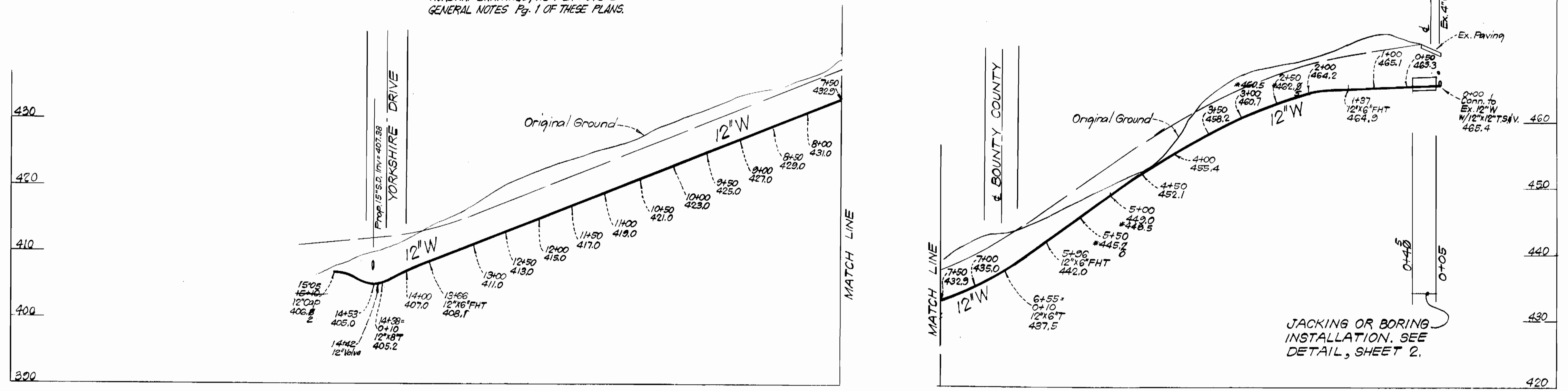
SECTION ONE BRAMPTON HILLS ELECTION DISTRICT-ELLCOTT CITY No. 2

DRAWING NO. **6** OF **7** SCALE **1"=50'**



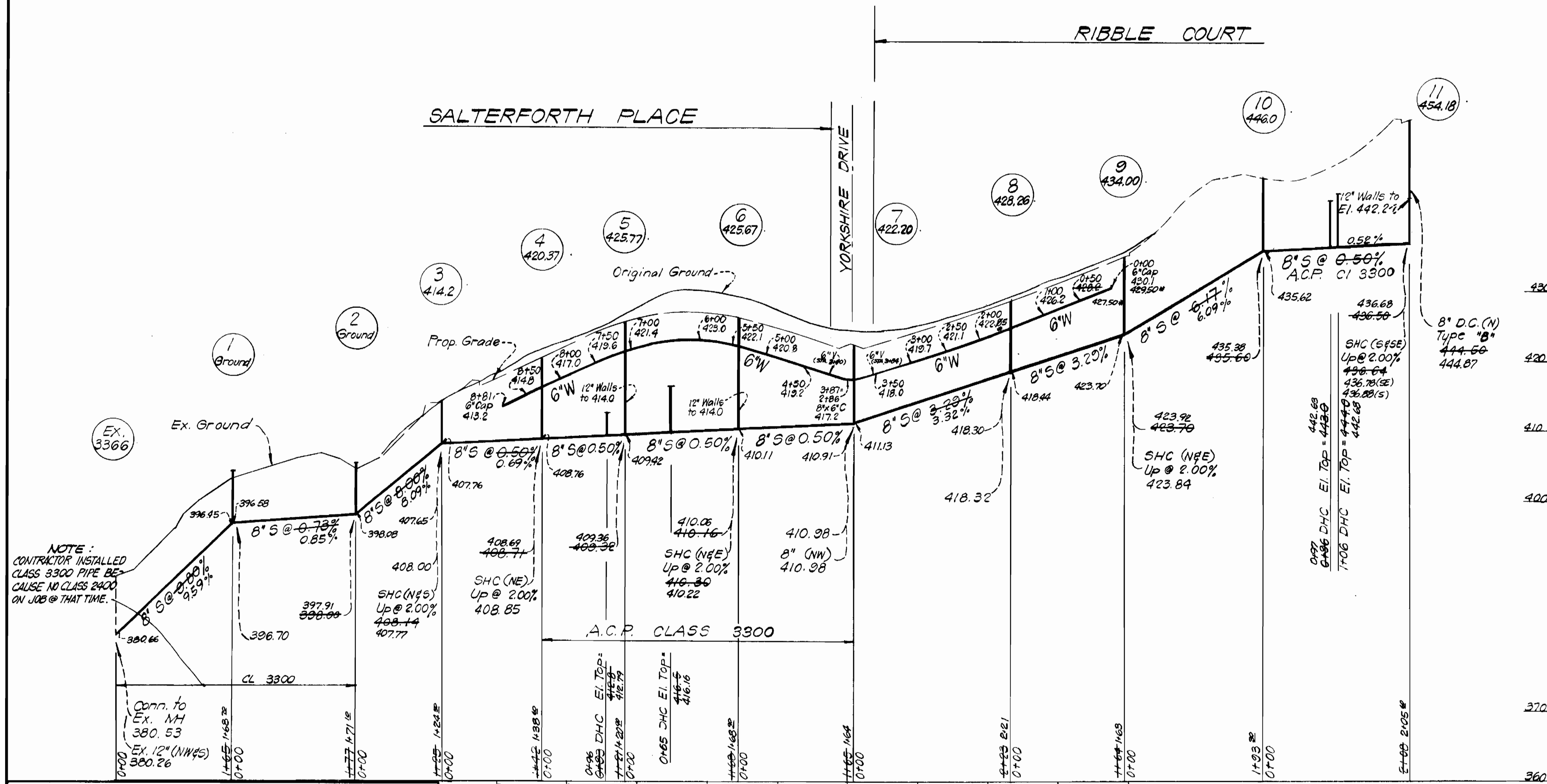
BRAMPTON PARKWAY

AS-BUILT NOTE :
 *INVERT ELEVATION LOWERED TO INSURE
 3.5' COVER OVER TOP OF PIPE USING
 FINISHED GRADE FROM APPROVED
 ROADWAY DRAWINGS, AS PER NOTE *2
 GENERAL NOTES Pg. 1 OF THESE PLANS.



RIBBLE COURT

SALTERFORTH PLACE



DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 4-8-80 CHIEF-BUREAU OF UTILITIES: [Signature] CHIEF-BUREAU OF ENGINEERING: [Signature]		DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 4-8-80 DIRECTOR OF PUBLIC WORKS: [Signature]		CONTRACT NO. 1955DW95	PROFILES OF WATER & SEWER MAINS	SECTION ONE BRAMPTON HILLS ELECTION DISTRICT-ELICOTT CITY No. 2	DRAWING NO. 7 OF 7	SCALE Hor: 1"=100' Vert: 1"=10'
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