



QUANTITIES

ITEM	LENGTH
5" Water	3100'
6" Water	4300'
8" Water	5500'
12" Water	4000'
6" Sewer	15,400'
10" Sewer	1200'

MATERIALS TO BE FURNISHED BY THE COMMISSION

ITEM	QUANTITY
5" Valves	10
6" Valves	23
8" Valves	6
12" Valves	2
Fire Hydrants	19

CONTRACT C-260W&S

A5 BUILT

Diary in FB#4325 & 4332
Stakeout in FB#4306 & 4370

**HOWARD COUNTY METROPOLITAN COMMISSION
ELLICOTT CITY, MARYLAND**



Kenneth A. McCord
VOM, Sect. 1, Areas 4&5 Thunder Hill Area II
Contract No. C-260-W&S

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
DATE 12-23-68 *W.O. Gilbert*
CHIEF ENGINEER

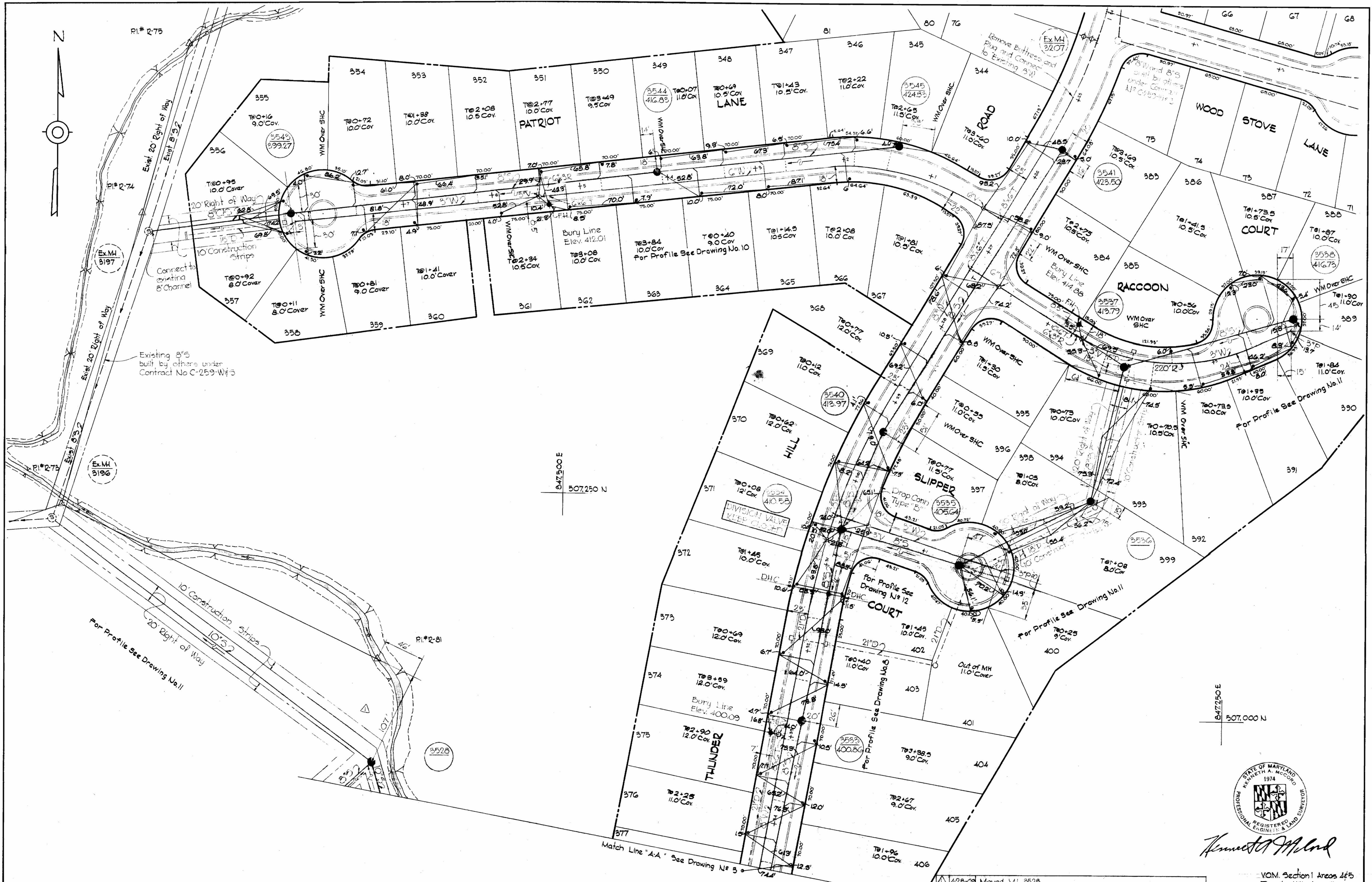
CONTRACT NO. C-260W&S

PLAN OF
WATER & SEWER MAINS

COLUMBIA
VILLAGE OF OAKLAND MILLS
ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. 1
OF 12 SCALE 1"=400'

260-WS/1
WS



WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
DATE: 12-13-68
CHIEF ENGINEER: [Signature]

CONTRACT NO. C-260WBS

PLAN OF
WATER & SEWER MAINS

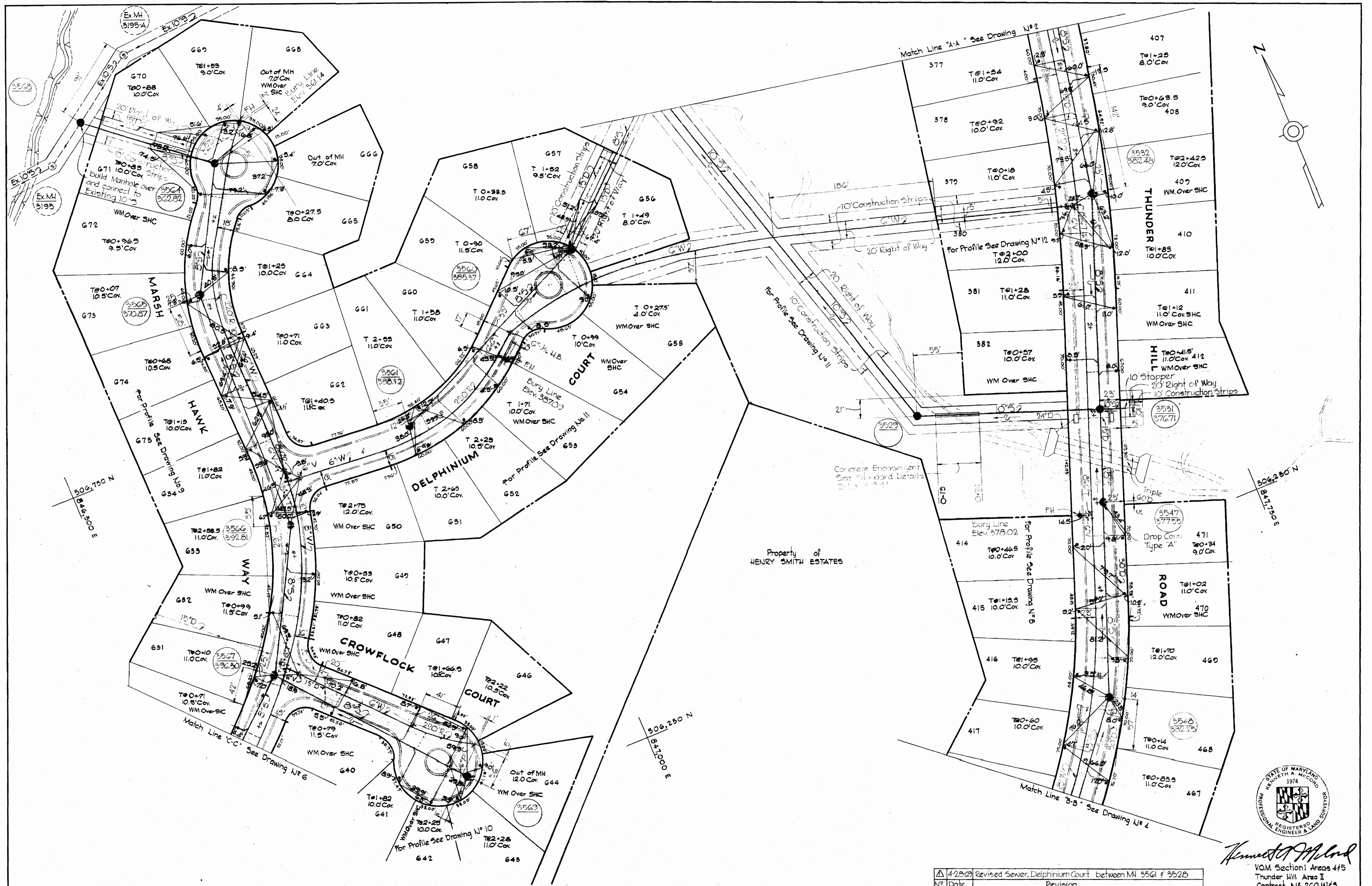
COLUMBIA
VILLAGE OF OAKLAND MILLS
ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. 2 OF 12
SCALE 1" = 50'



[Signature]

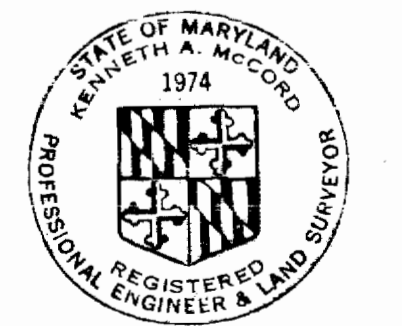
VOM, Section 1 Areas 1&5
Thunder Hill Area II
Contract No. 260-WBS



260-W&S/3

15

W. O. 6023-2



Kenneth A. McCord
 V&M Section Areas 4&5
 Thunder Hill Area II
 Contract No. 260W&S

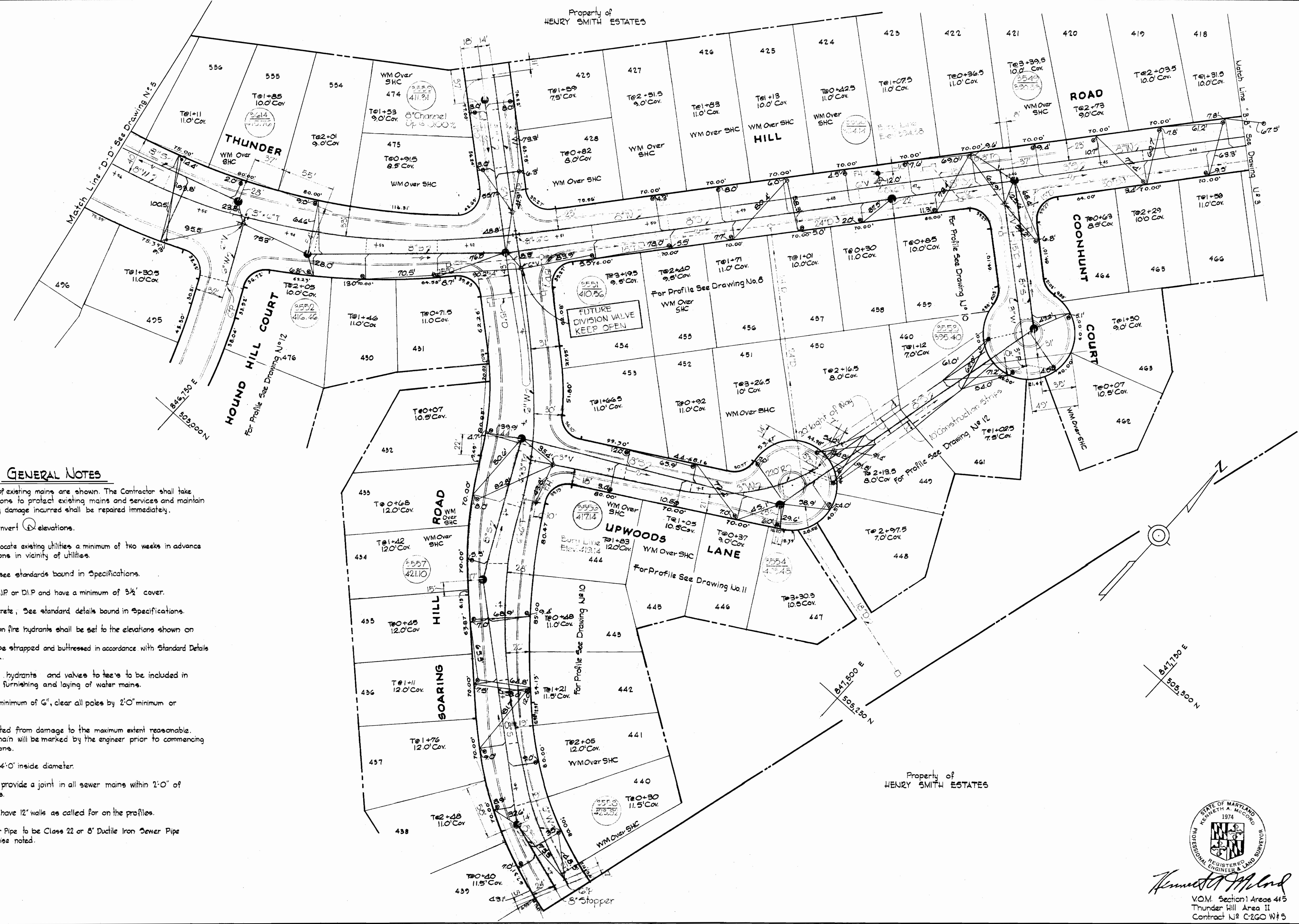
4-28-69 Revised Sewer, Delphinium Court between MH 3561 & 3525
 12-23-69
 DATE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 12-23-69 DATE	CONTRACT NO. C-260W&S	PLAN OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF OAKLAND MILLS ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 3 OF 12 SCALE 1" = 50'
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SEPT. 8, 1969

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.
2. All pipe elevations are invert \odot 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. All water mains to be CIP or DIP and have a minimum of 3 1/2' cover.
6. Block all fittings with concrete; See standard details bound in Specifications.
7. Bury Line elevations on fire hydrants shall be set to the elevations shown on the drawings.
8. All fire hydrants shall be strapped and buttressed in accordance with Standard Details W-5, W-6, and W-6A.
9. Cost of strapping fire hydrants and valves to trees to be included in the unit price bid for furnishing and laying of water mains.
10. Clear all utilities by a minimum of 6', clear all poles by 2'-0" minimum or tunnel as required.
11. Trees are to be protected from damage to the maximum extent reasonable. Trees which are to remain will be marked by the engineer prior to commencing of construction operations.
12. All manholes shall be 4'-0" inside diameter.
13. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
14. Brick manholes shall have 12" walls as called for on the profiles.
15. All 8" Cast Iron Sewer Pipe to be Class 22 or 8" Ductile Iron Sewer Pipe Class 2 unless otherwise noted.



WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

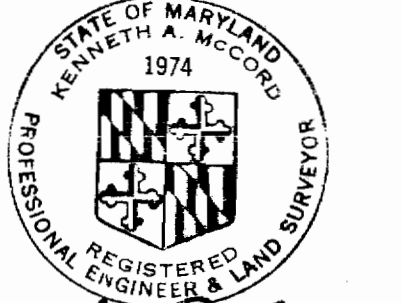
HOWARD COUNTY METROPOLITAN COMMISSION
DATE: 12/23/68
CHIEF ENGINEER

CONTRACT NO. C-260 WBS

PLAN OF
WATER & SEWER MAINS

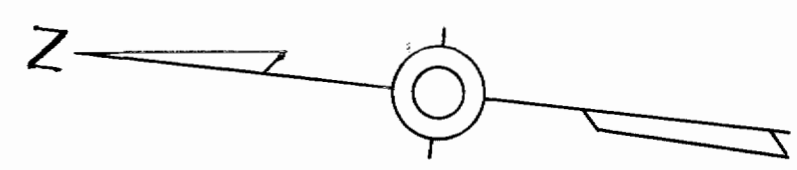
COLUMBIA
VILLAGE OF OAKLAND MILLS
ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. 4 OF 12
SCALE 1" = 50'



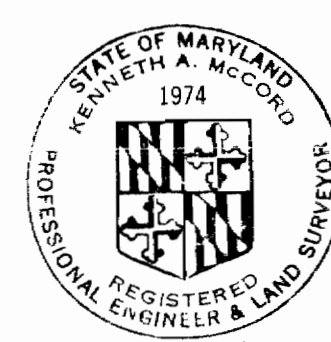
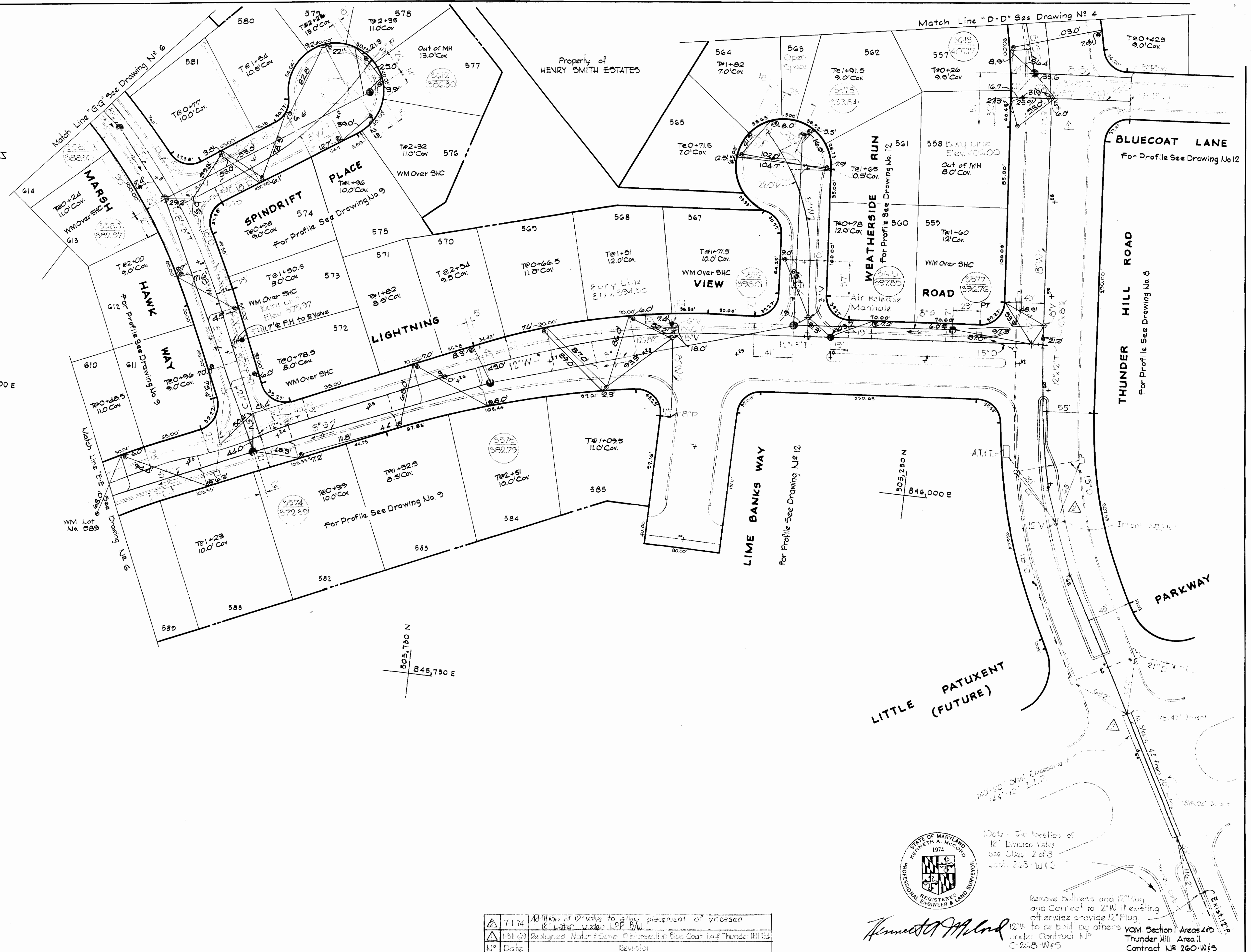
Kenneth A. McCord
V.O.M. Section 1 Areas 445
Thunder Hill Area II
Contract No. C-260 WBS

MS 260-WS/4



506,250 N
846,000 E

505,750 N
845,750 E



Kenneth A. McCord
Notes - For location of 12" Diversion Valve see Sheet 2 of 3 Cont. 263 W&S
Remove Bullhead and 12" Plug and Connect to 12" W if existing otherwise provide 12" Plug to be built by others VOM Section Areas 445 under Contract N° C-263 W&S
Contract N° 260 W&S

7-1-74	Added 12" valve to allow placement of enclosed 12" water under LPP P/W
1-21-69	Rehydrated Water & Sewer Connections at Blue Coat Lane Thunder Hill Rd
N°	Date
	Revisor

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
DATE _____ CHIEF ENGINEER _____

CONTRACT NO. C-260 W&S

PLAN OF
WATER & SEWER MAINS

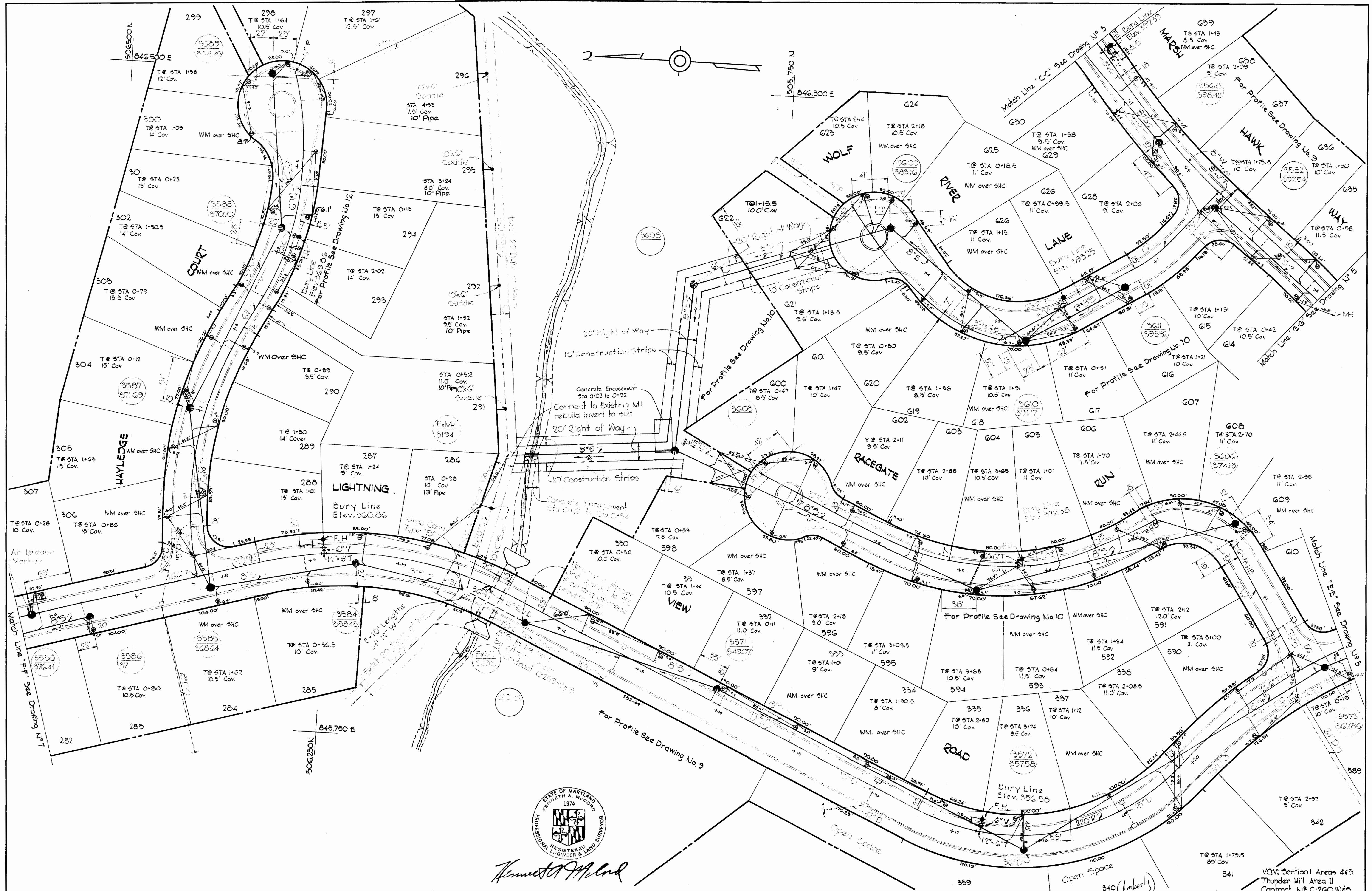
COLUMBIA
VILLAGE OF OAKLAND MILLS
ELECTION DISTRICT GUILFORD NO. 6

DRAWING
NO. 5
OF 12

SCALE
1" = 50'

260-W&S

505-484
505-484

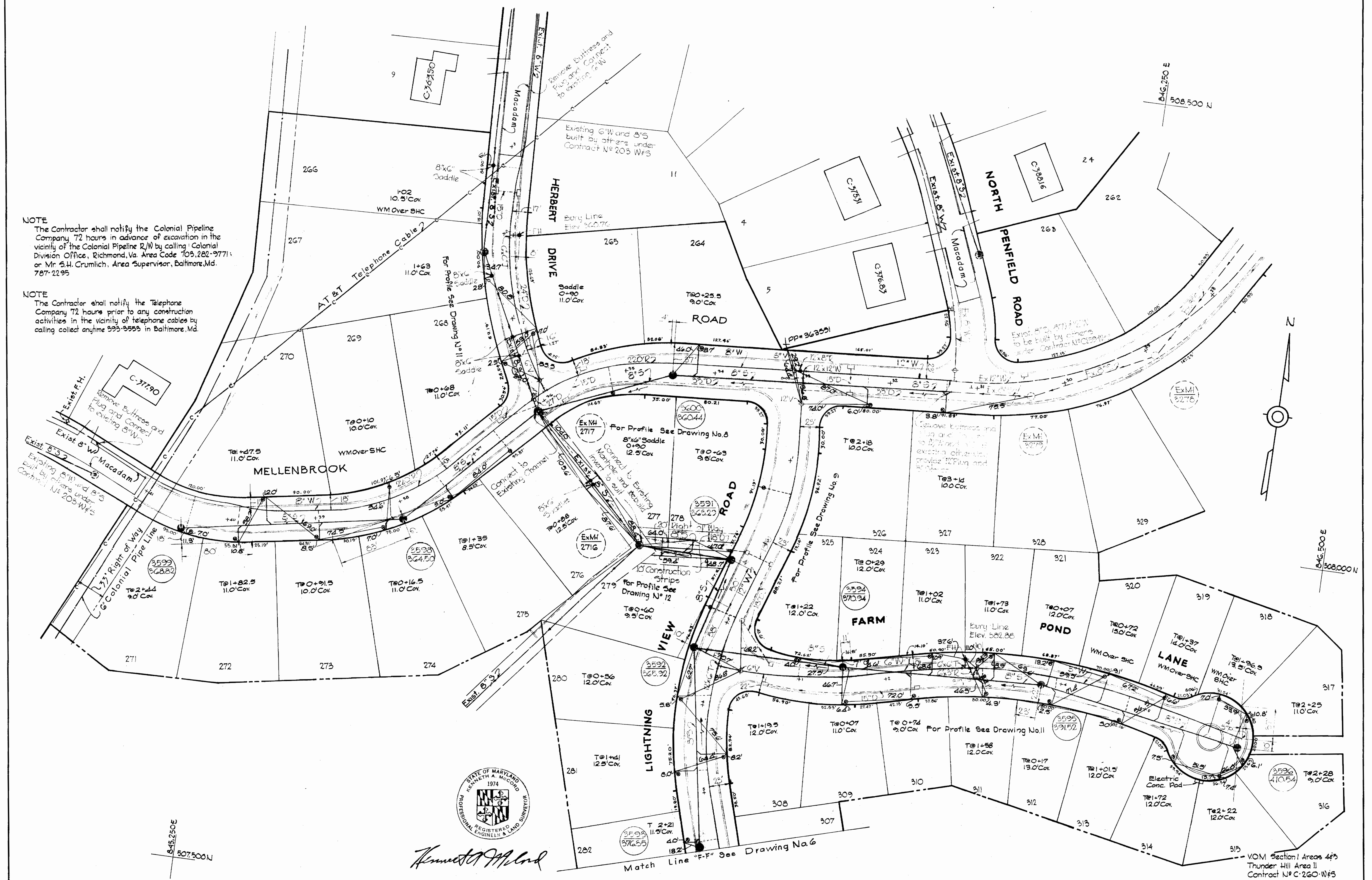


260-WS/6
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WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 10-23-18 CHIEF ENGINEER	CONTRACT NO. C-260 W&S	PLAN OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF OAKLAND MILLS ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 6 OF 12 SCALE 1" = 50'
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NOTE
 The Contractor shall notify the Colonial Pipeline Company 72 hours in advance of excavation in the vicinity of the Colonial Pipeline R/W by calling: Colonial Division Office, Richmond, Va. Area Code 703, 282-9771; or Mr. S.H. Crumlich, Area Supervisor, Baltimore, Md. 787-2295

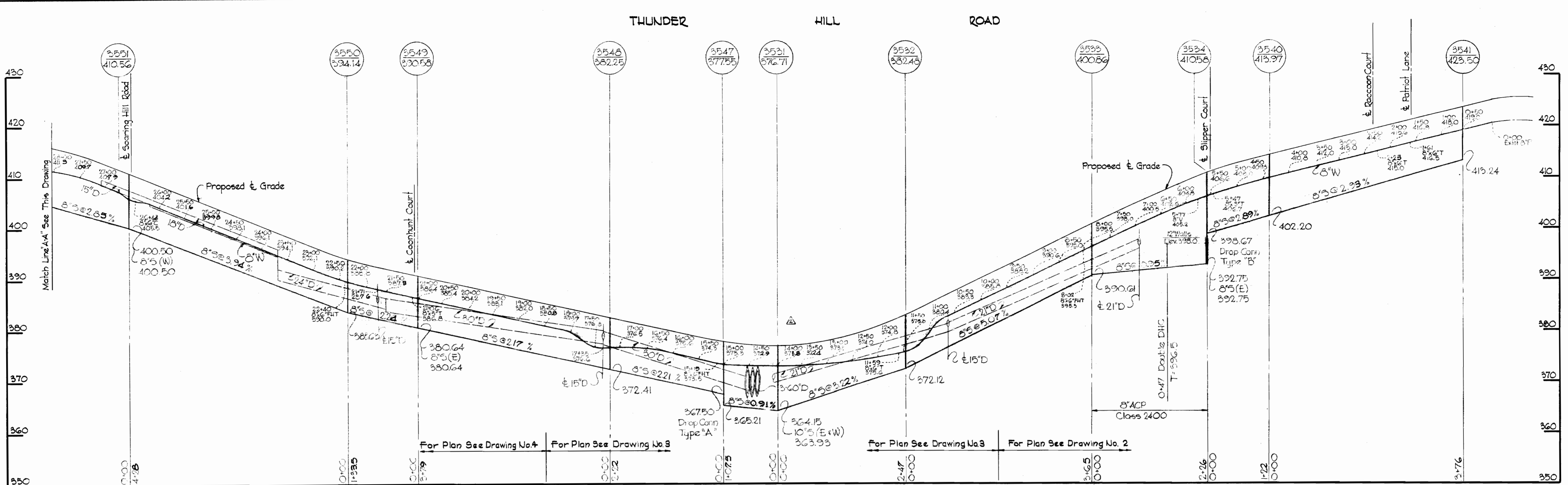
NOTE
 The Contractor shall notify the Telephone Company 72 hours prior to any construction activities in the vicinity of telephone cables by calling collect anytime 393-3553 in Baltimore, Md.



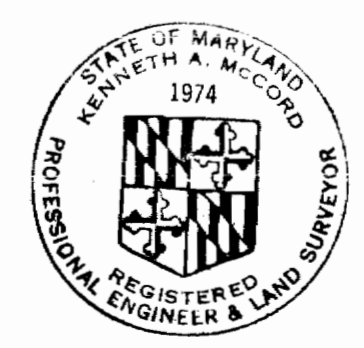
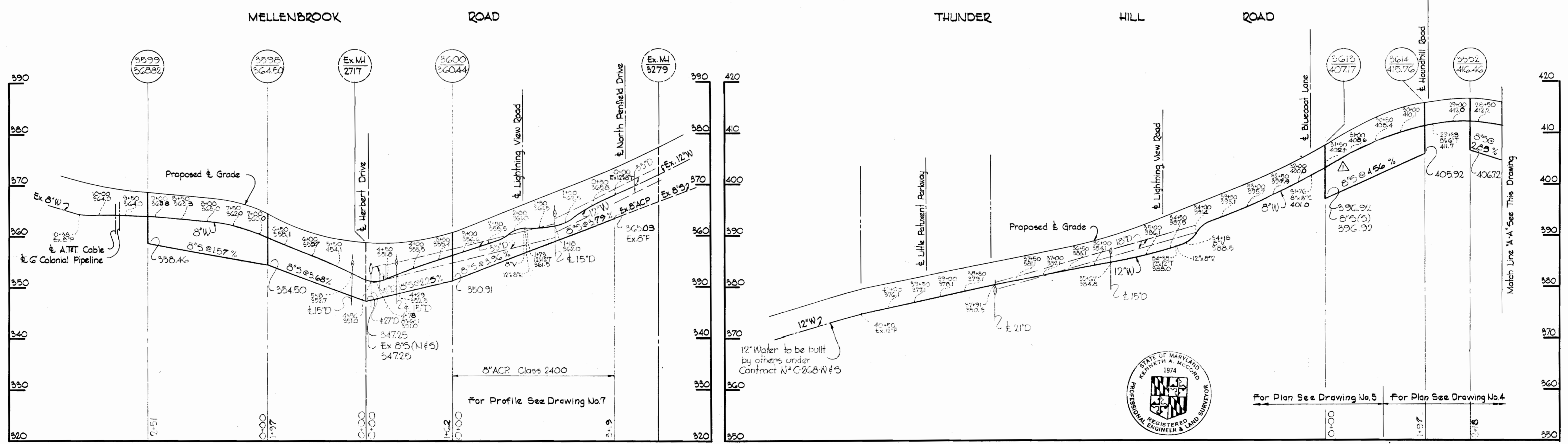
Kenneth A. McCord

260-WS/7

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 12-23-67 CHIEF ENGINEER: [Signature]	CONTRACT NO. C-260WBS	PLAN OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF OAKLAND MILLS ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 7 OF 12 SCALE 1" = 50' 308-484
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ALL SEWER PIPE A.C.



4-25-69	Lowered MH 3531 Thunder Hill Road
1-31-69	Revised Profile at Intersection Blue Coat Lane & Thunder Hill Road
No. _____	Date: _____
	Revision

Kenneth A. McLeod

VOM Section 1 Areas 4#5
Thunder Hill Area II
Contract N° 260-W#5

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
DATE: 12-22-68
CHIEF ENGINEER: [Signature]

CONTRACT NO. C-260W8S

PROFILES OF
WATER & SEWER MAINS

COLUMBIA
VILLAGE OF OAKLAND MILLS
ELECTION DISTRICT GUILFORD NO. 6

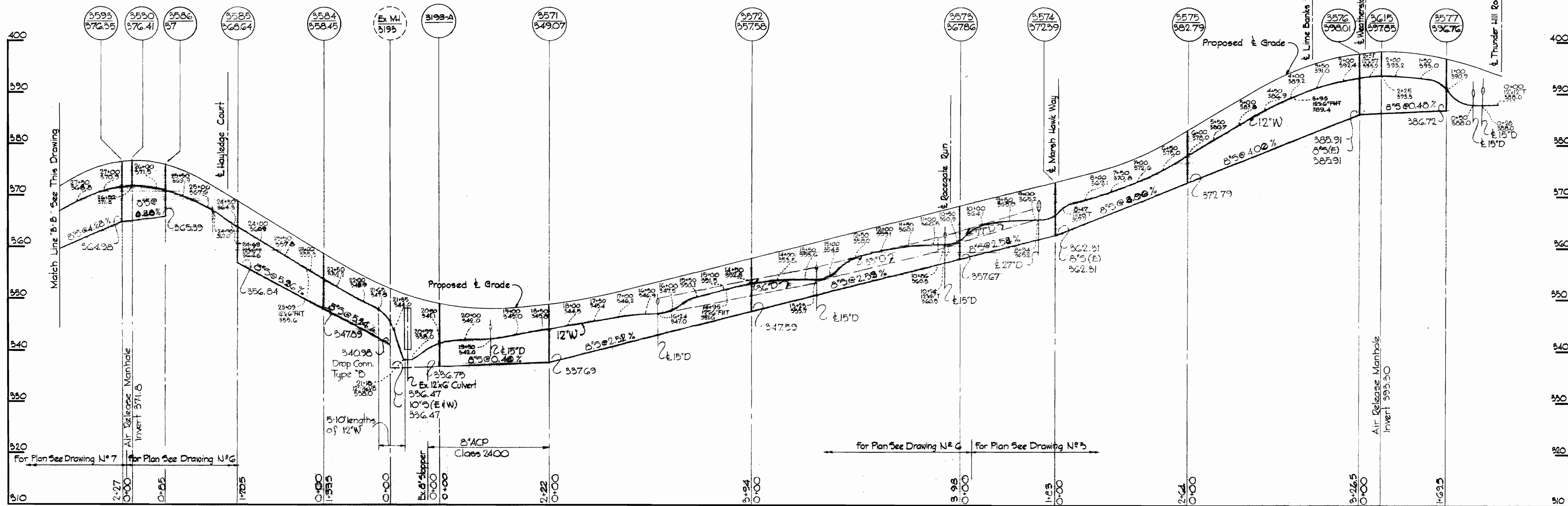
DRAWING
NO. 8
OF 12

SCALE
H. 1" = 10'
V. 1" = 10'

AS BUILT SEPT. 8, 1969

15 260-W5/8

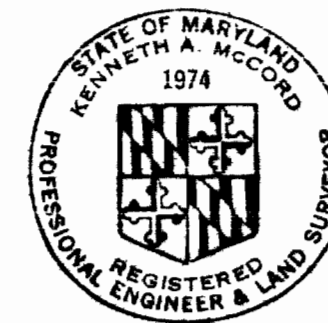
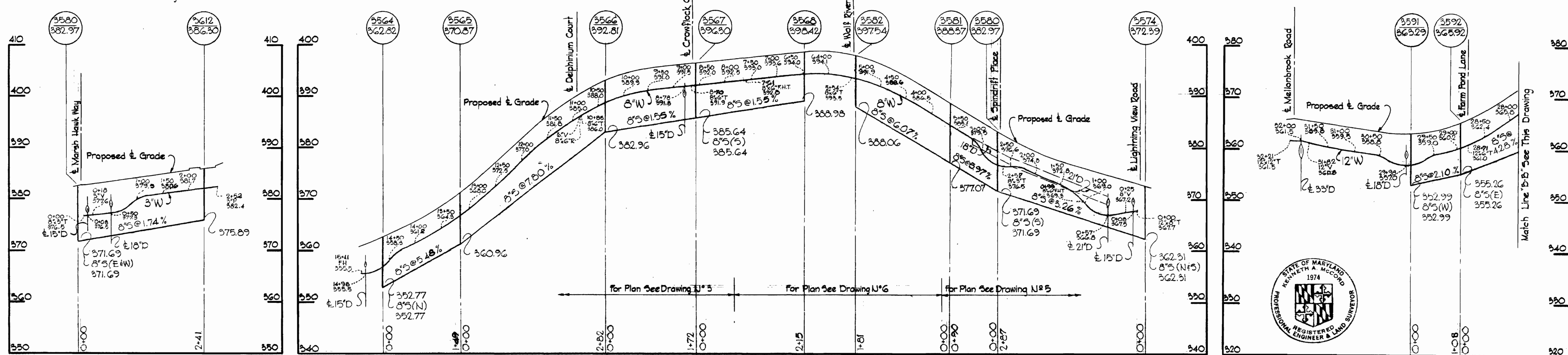
LIGHTNING VIEW ROAD



SPINDRIFT PLACE
For Plan See Drawing N° 5

MARSH HAWK WAY

LIGHTNING VIEW ROAD



Kenneth A. McCord

VOM Section 1 - Areas 4 & 5
Thunder Hill Area II
Contract N° C-260-W/85

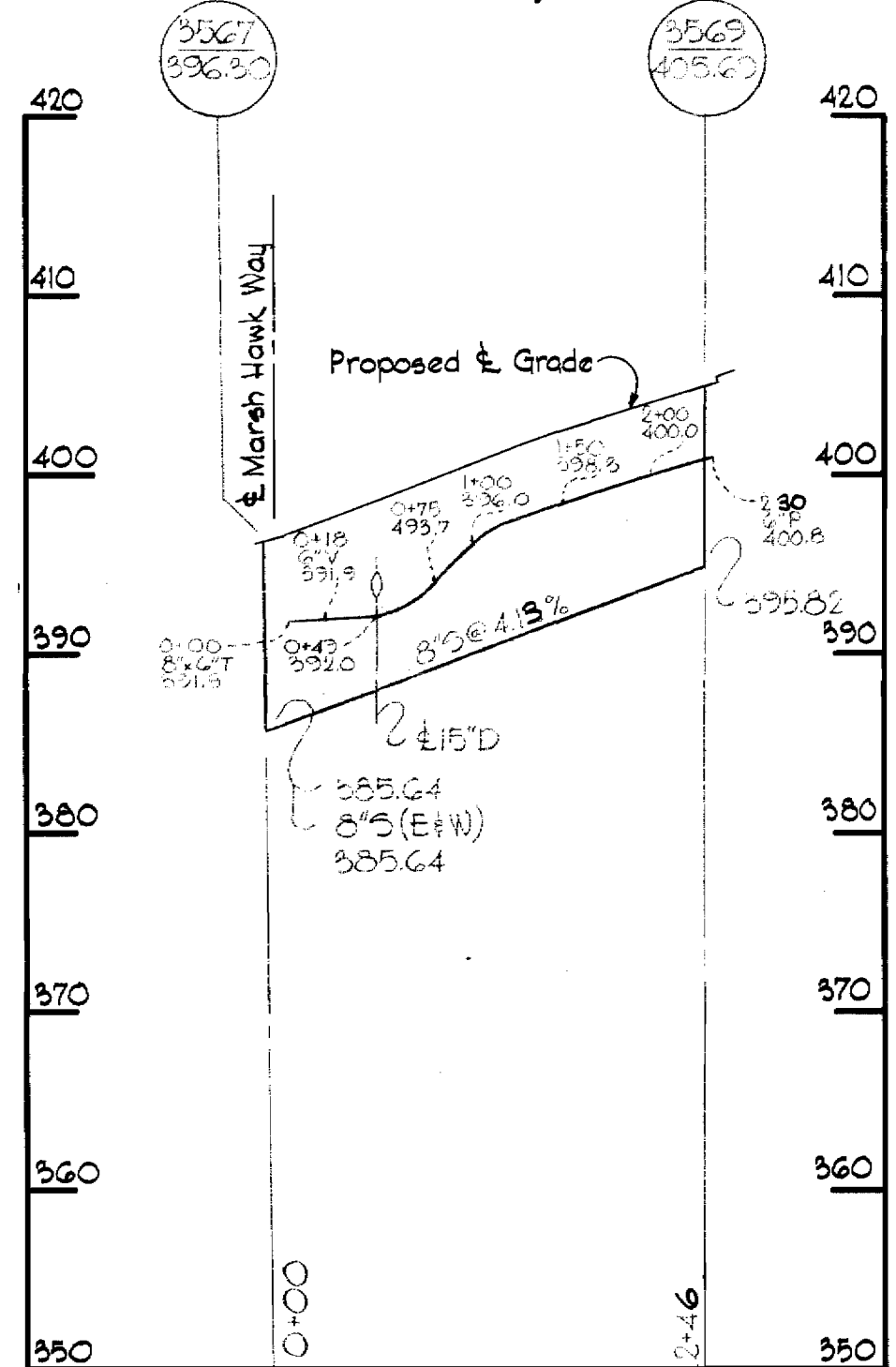
<p>WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND</p>	<p>HOWARD COUNTY METROPOLITAN COMMISSION DATE 12-23-68 <i>W. O. Fallick</i> CHIEF ENGINEER</p>	<p>CONTRACT NO. C-260W/85</p>	<p>PROFILES OF WATER & SEWER MAINS</p>	<p>COLUMBIA VILLAGE OF OAKLAND MILLS ELECTION DISTRICT GUILFORD NO. 6</p>	<p>DRAWING NO. 9 OF 12 SCALE H. 1"=100 V. 1"=10'</p>
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WS 260-W/19

SUSPENSE

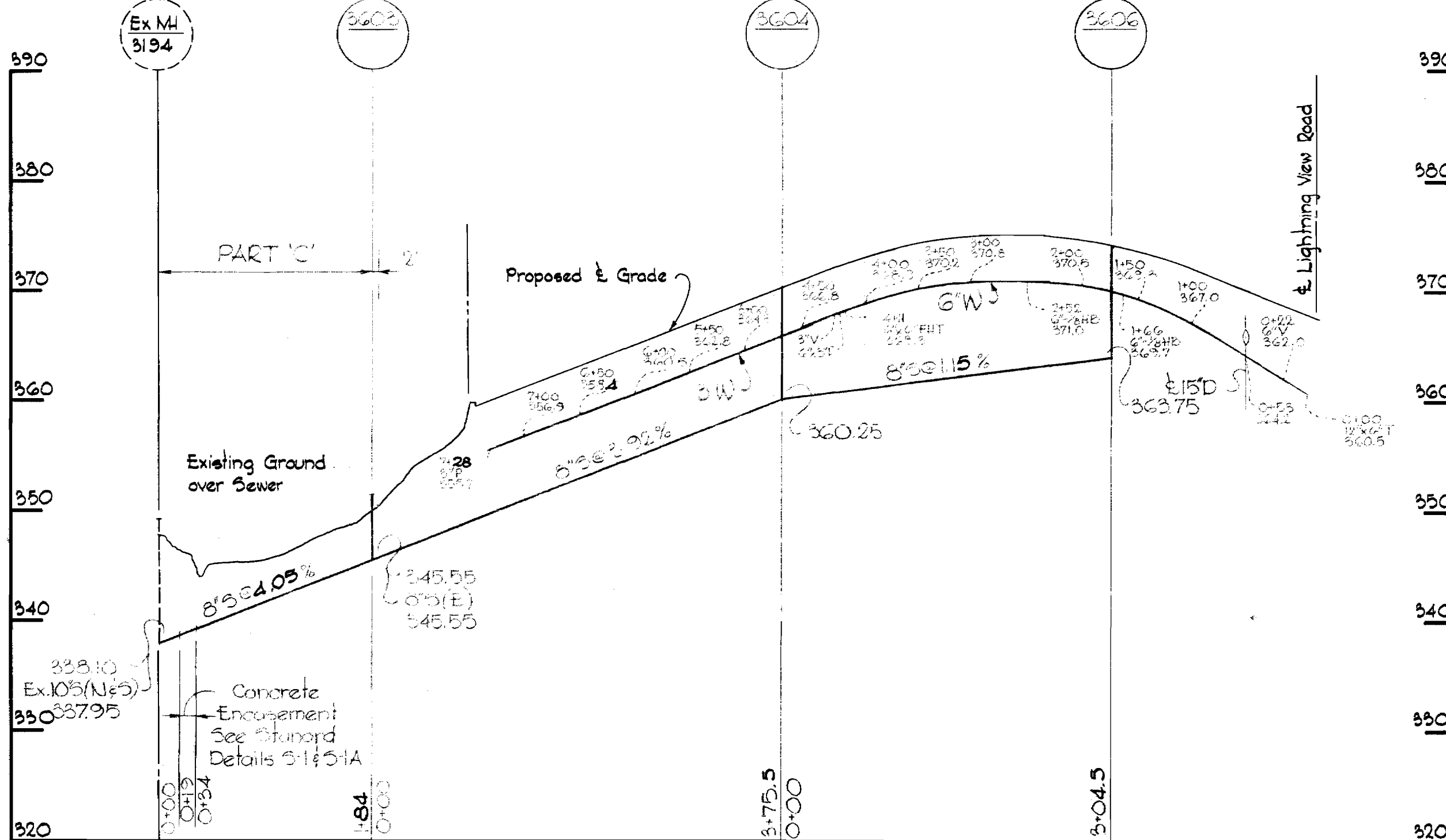
CROWFLOCK COURT

For Plan See Drawing N^o 3



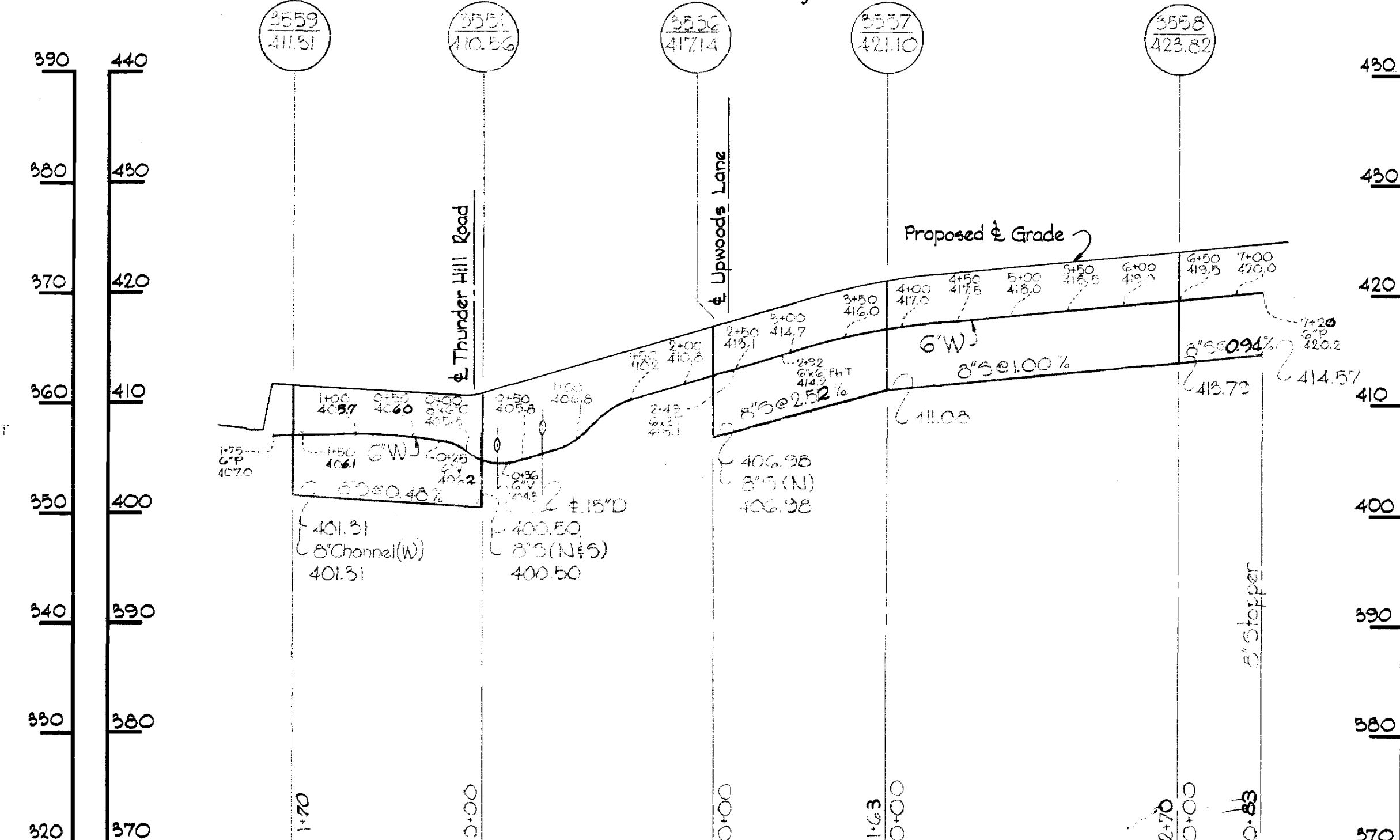
RACEGATE RUN

For Plan See Drawing N^o 6



SOARING HILL ROAD

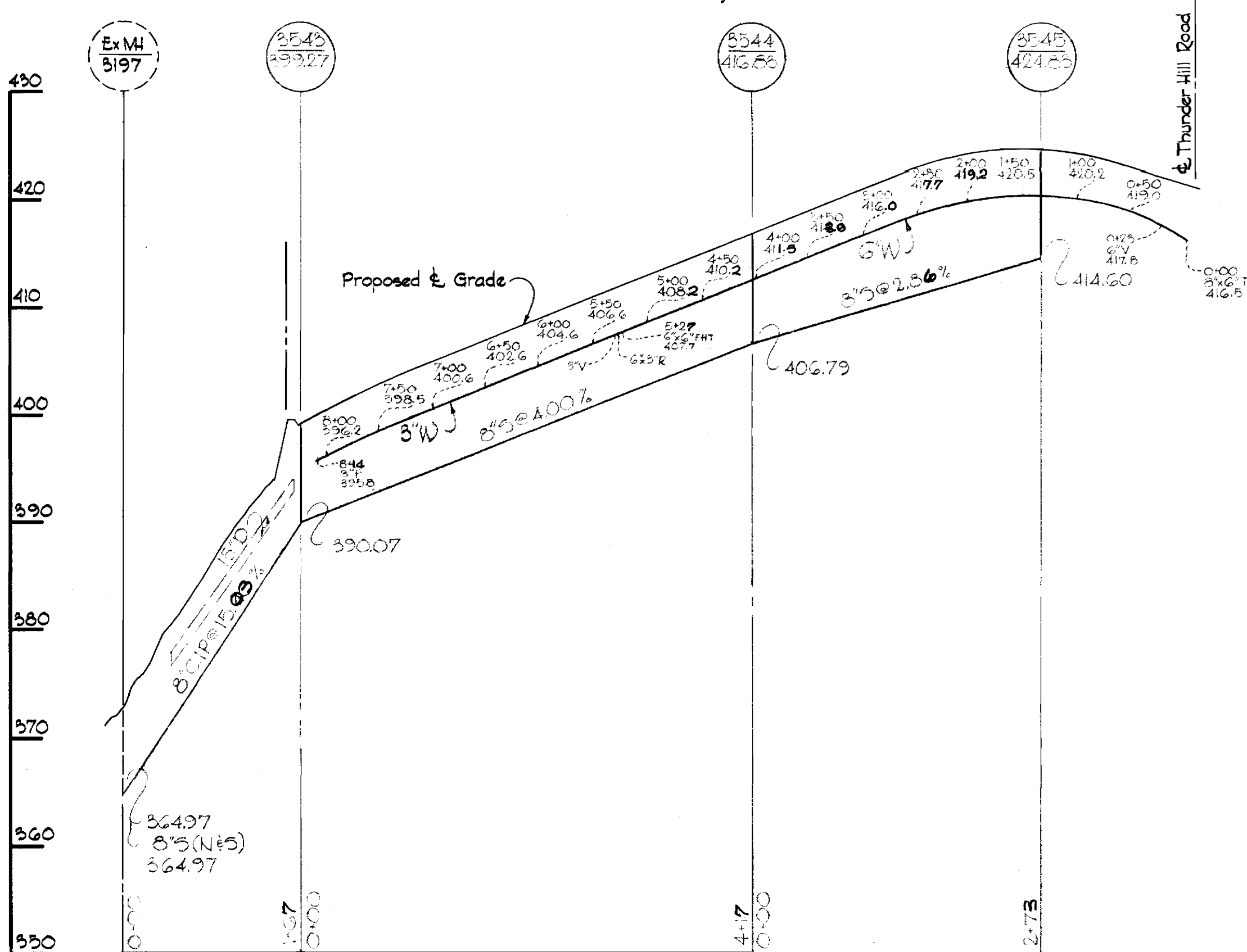
For Plan See Drawing N^o 4



SUSPENSE

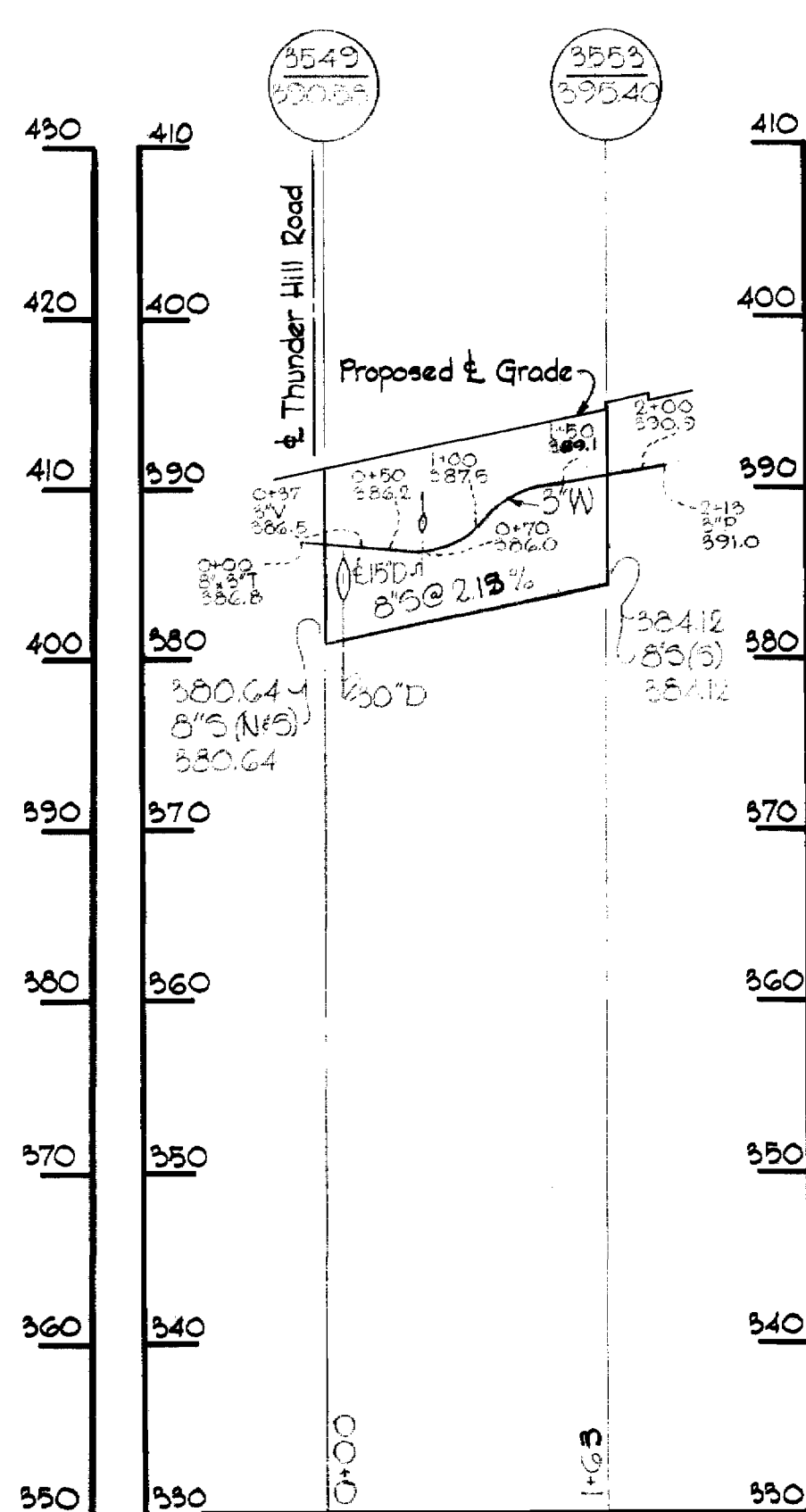
PATRIOT LANE

For Plan See Drawing N^o 2



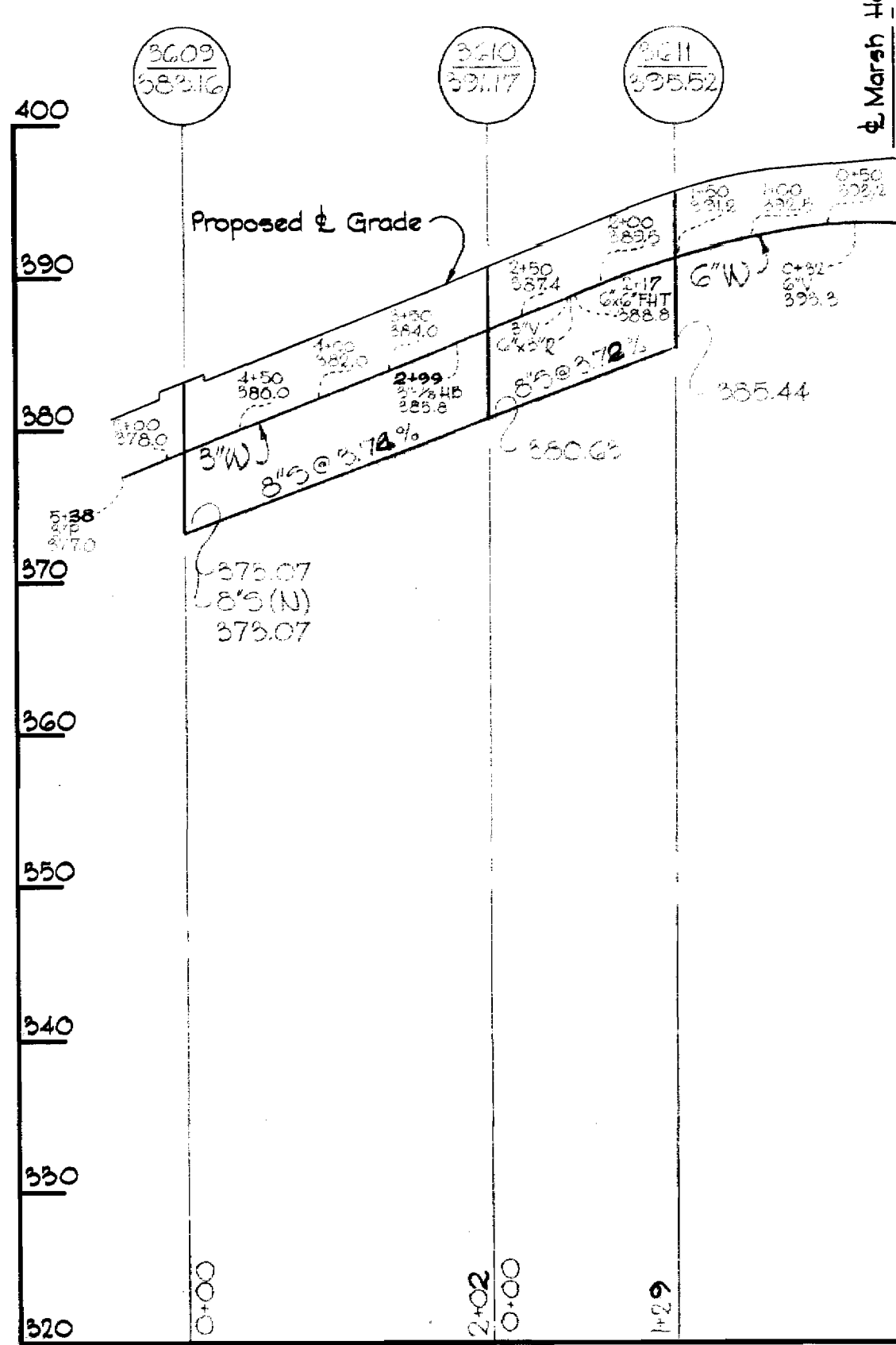
COONHUNT COURT

For Plan See Drawing N^o 4



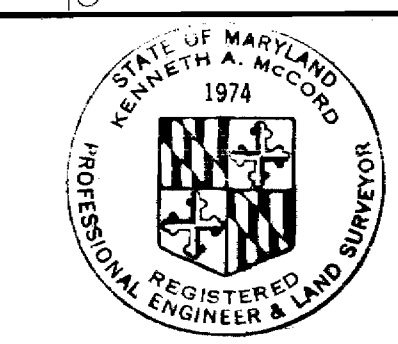
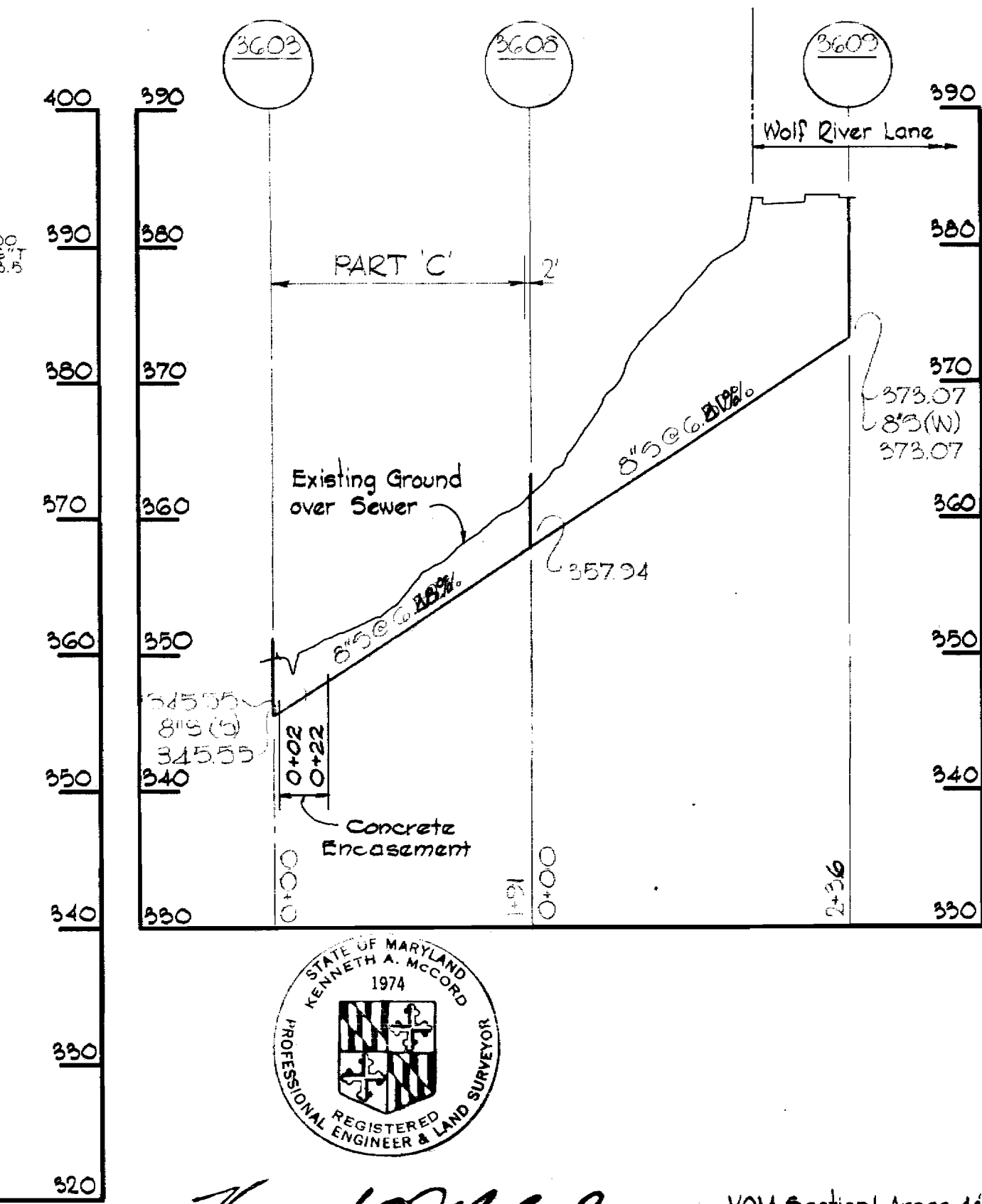
WOLF RIVER LANE

For Plan See Drawing N^o 6



WOLF RIVER LANE

For Plan See Drawing N^o 6



Kenneth A. McCord

VOM Section I Areas 4 & 5
Thunder Hill Area II
Contract N^o C-260 W & S

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
DATE _____ CHIEF ENGINEER _____

CONTRACT NO. C-260-W&S

PROFILES OF
WATER & SEWER MAINS

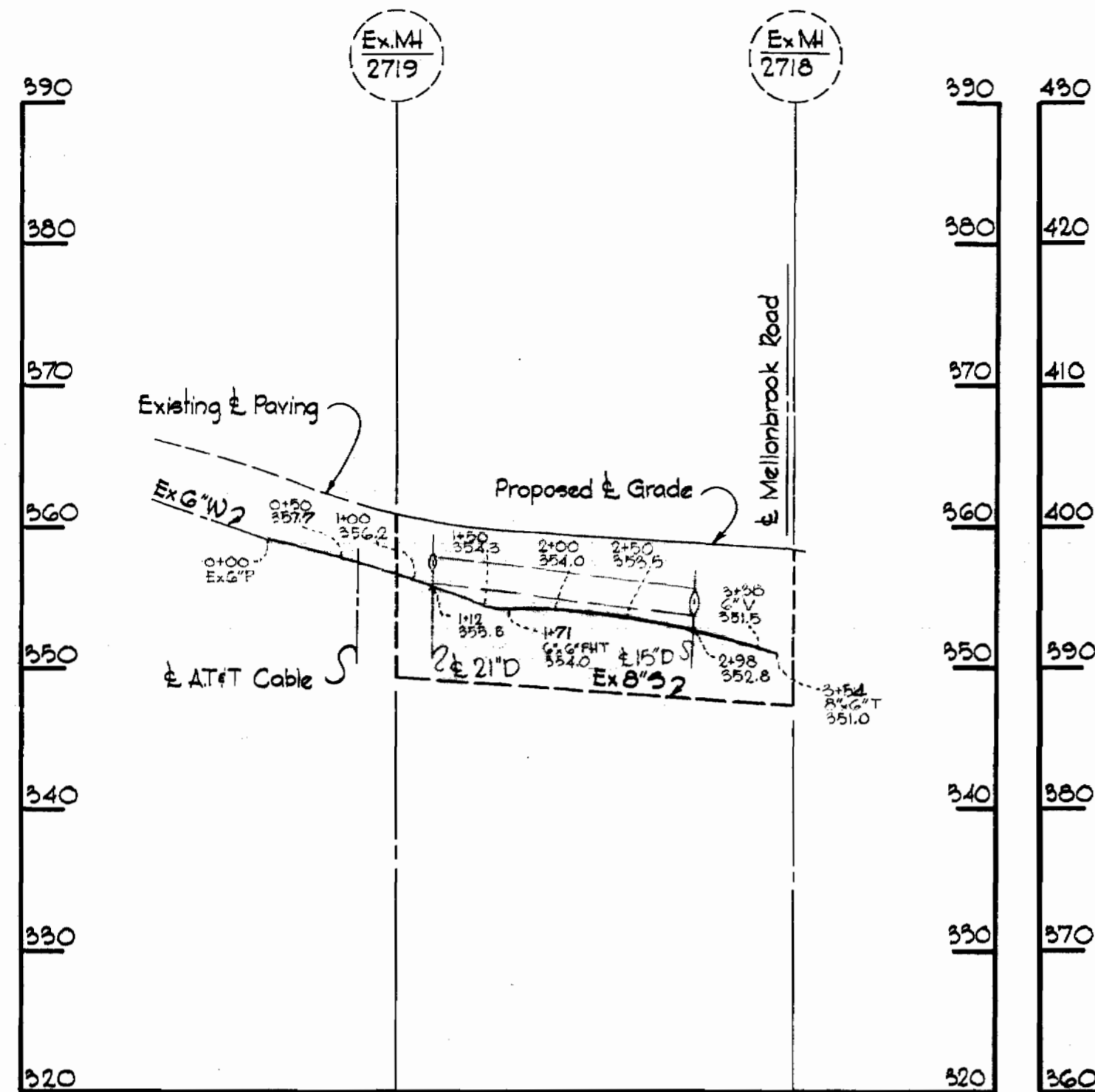
COLUMBIA
VILLAGE OF OAKLAND MILLS
ELECTION DISTRICT GUILFORD NO. 6

DRAWING
NO. 10
OF 12
SCALE
H.I. = 100'
V.I. = 10'

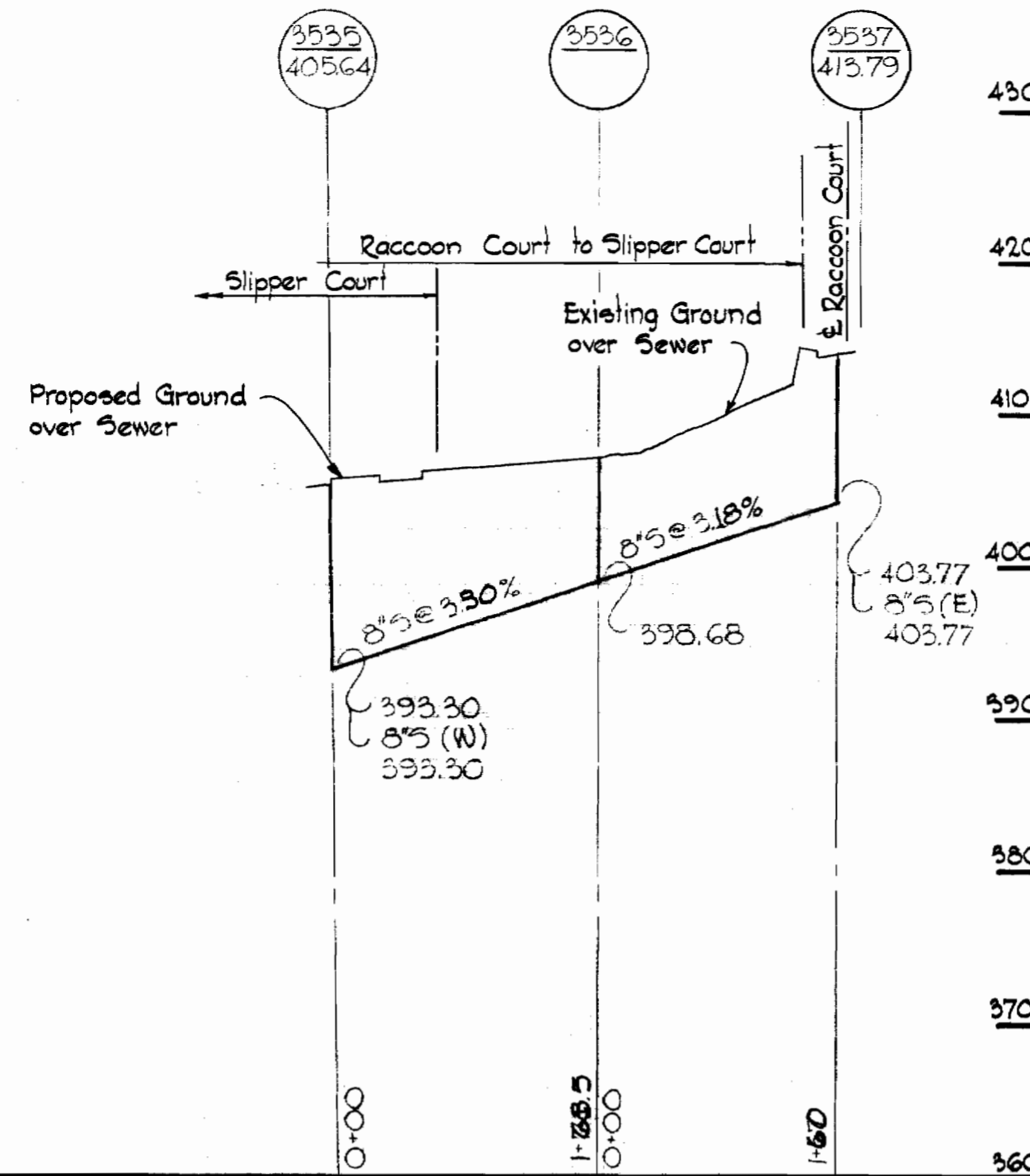
S 260-W&S/10

HERBERT DRIVE

For Plan See Drawing N^o 7

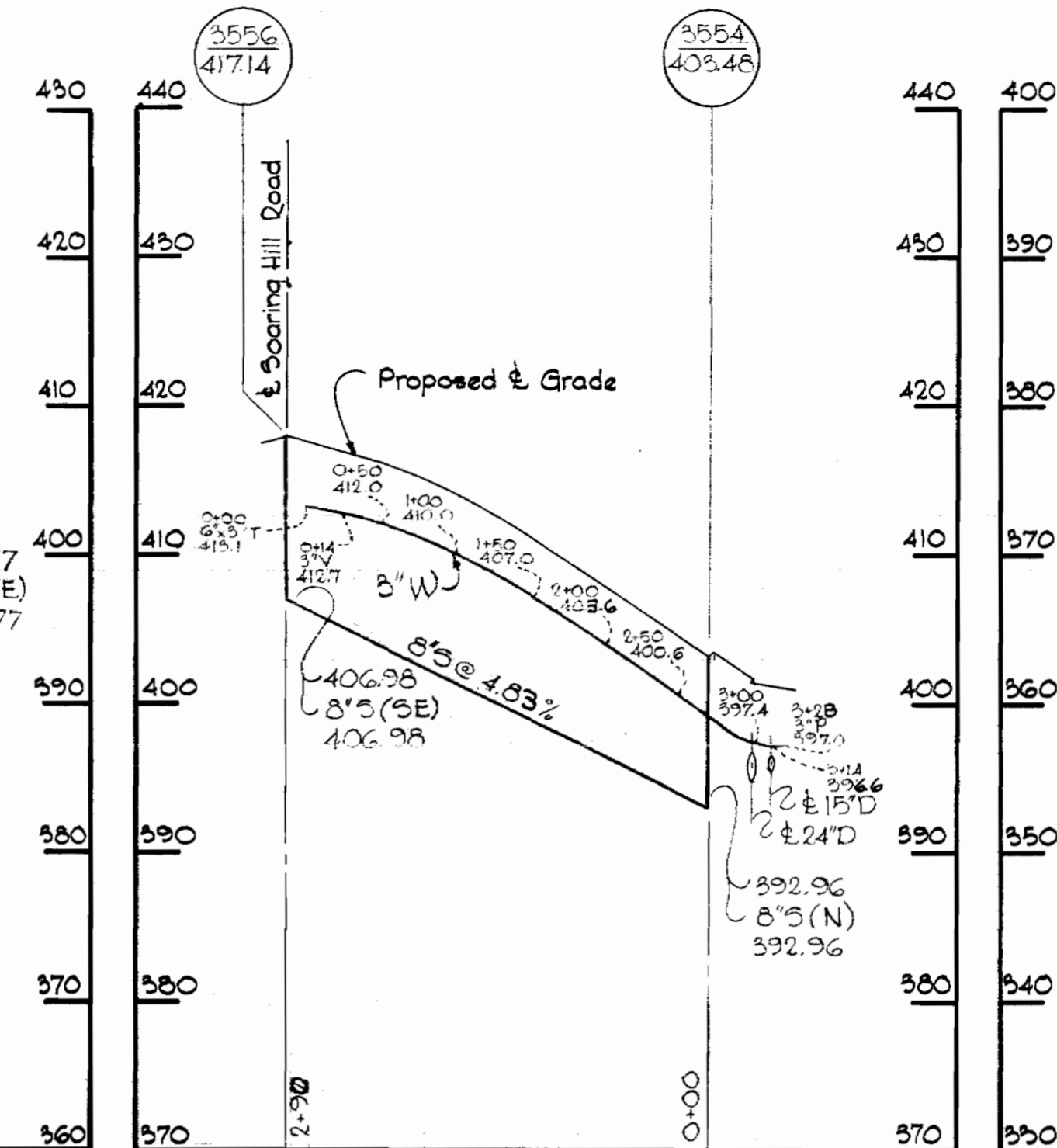


For Plan See Drawing N^o 2



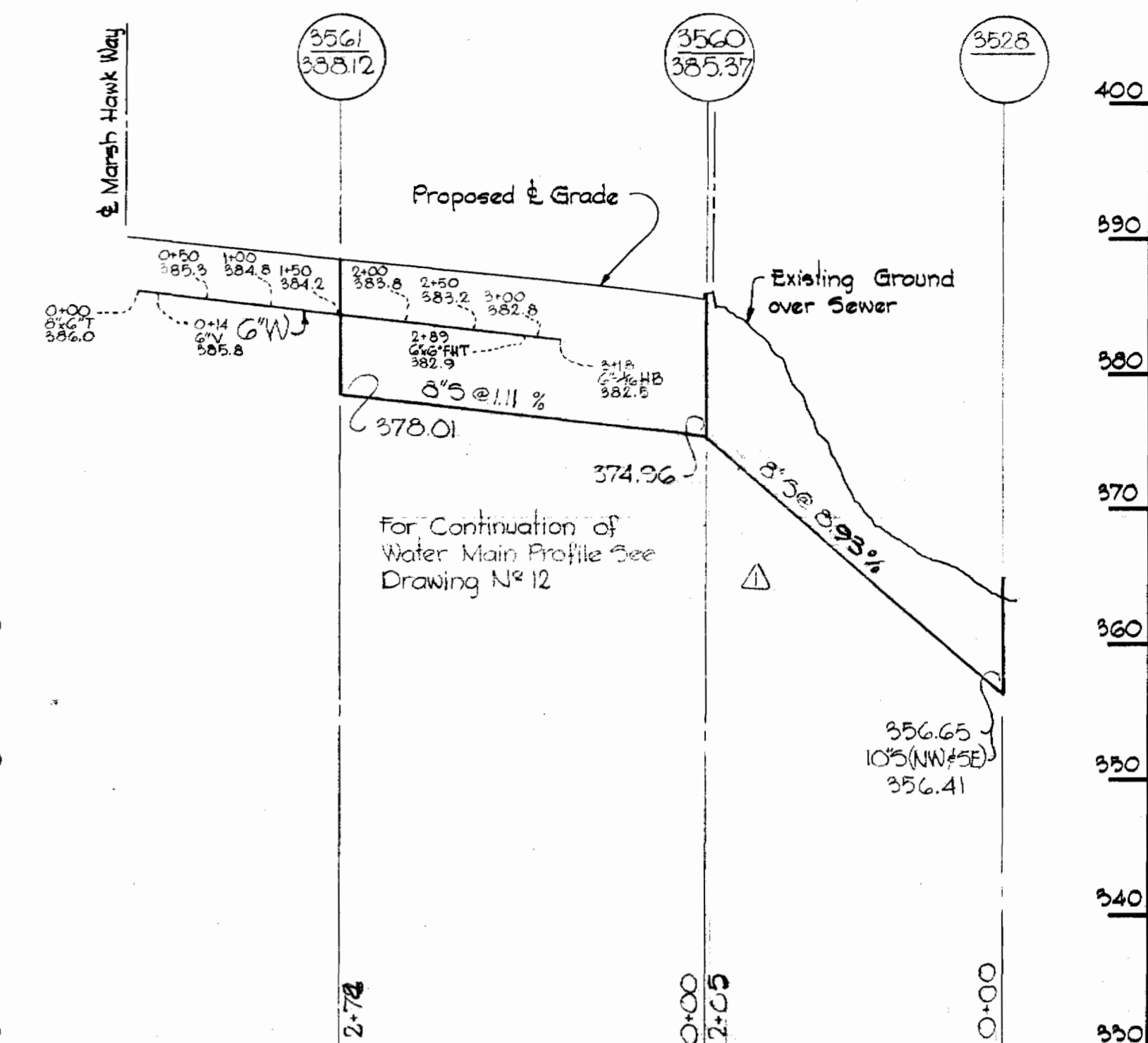
UPWOODS LANE

For Plan See Drawing N^o 4



DELPHINIUM COURT

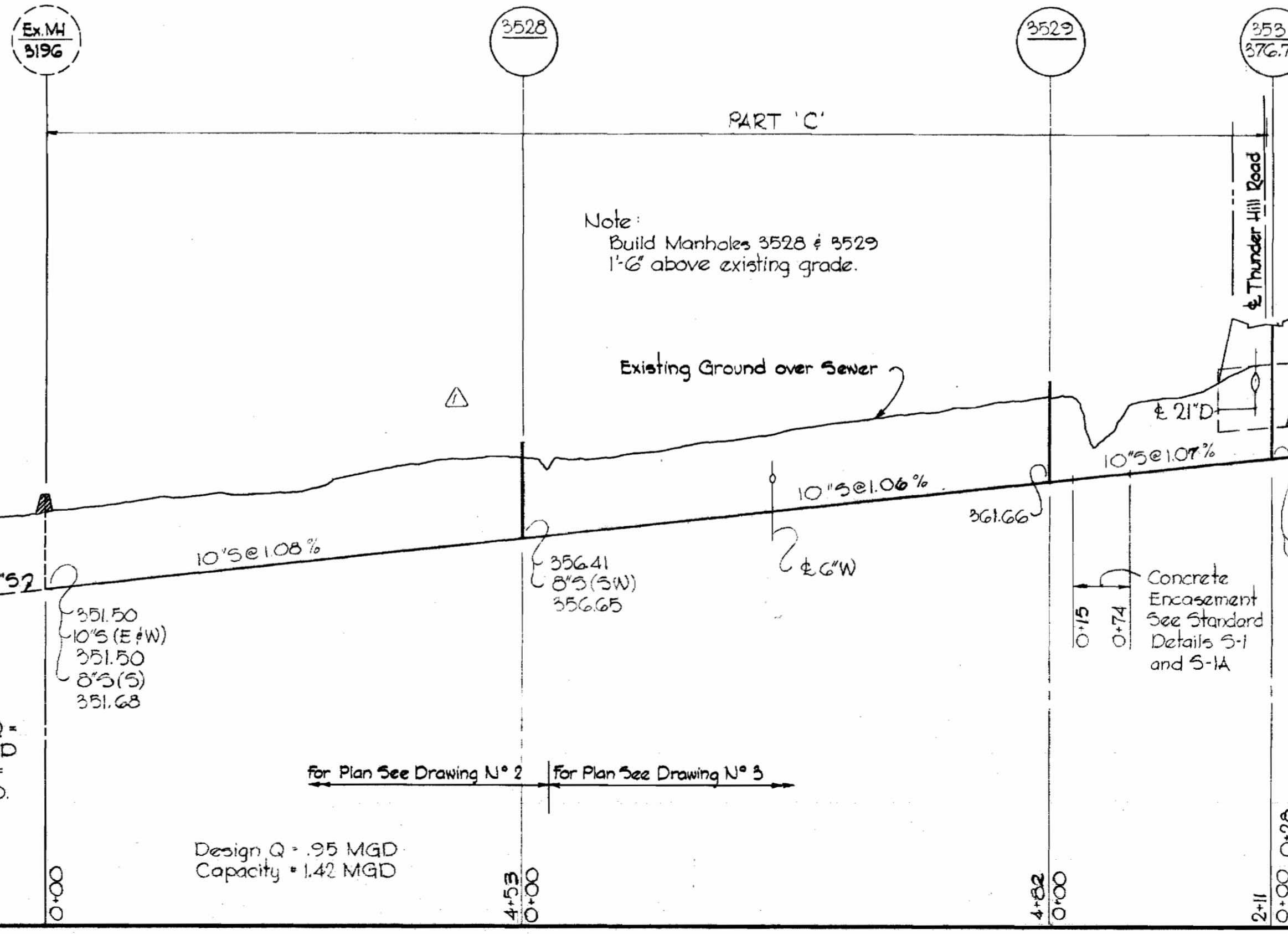
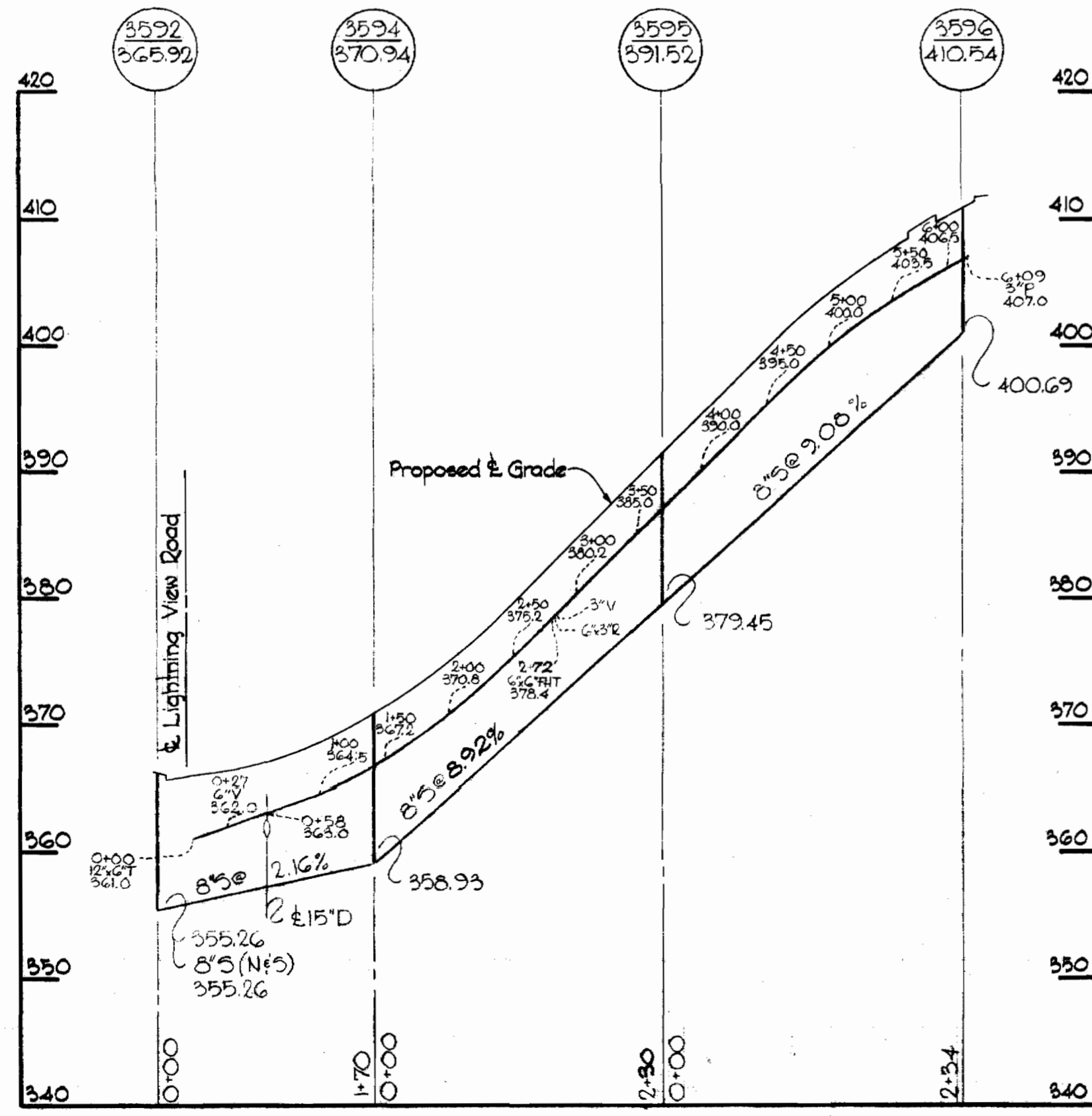
For Plan See Drawing N^o 3



N ^o	Date	Revision
1	4-28-69	Revised sewer between MH 3526 & 3529. See Delphinium outfall profile.

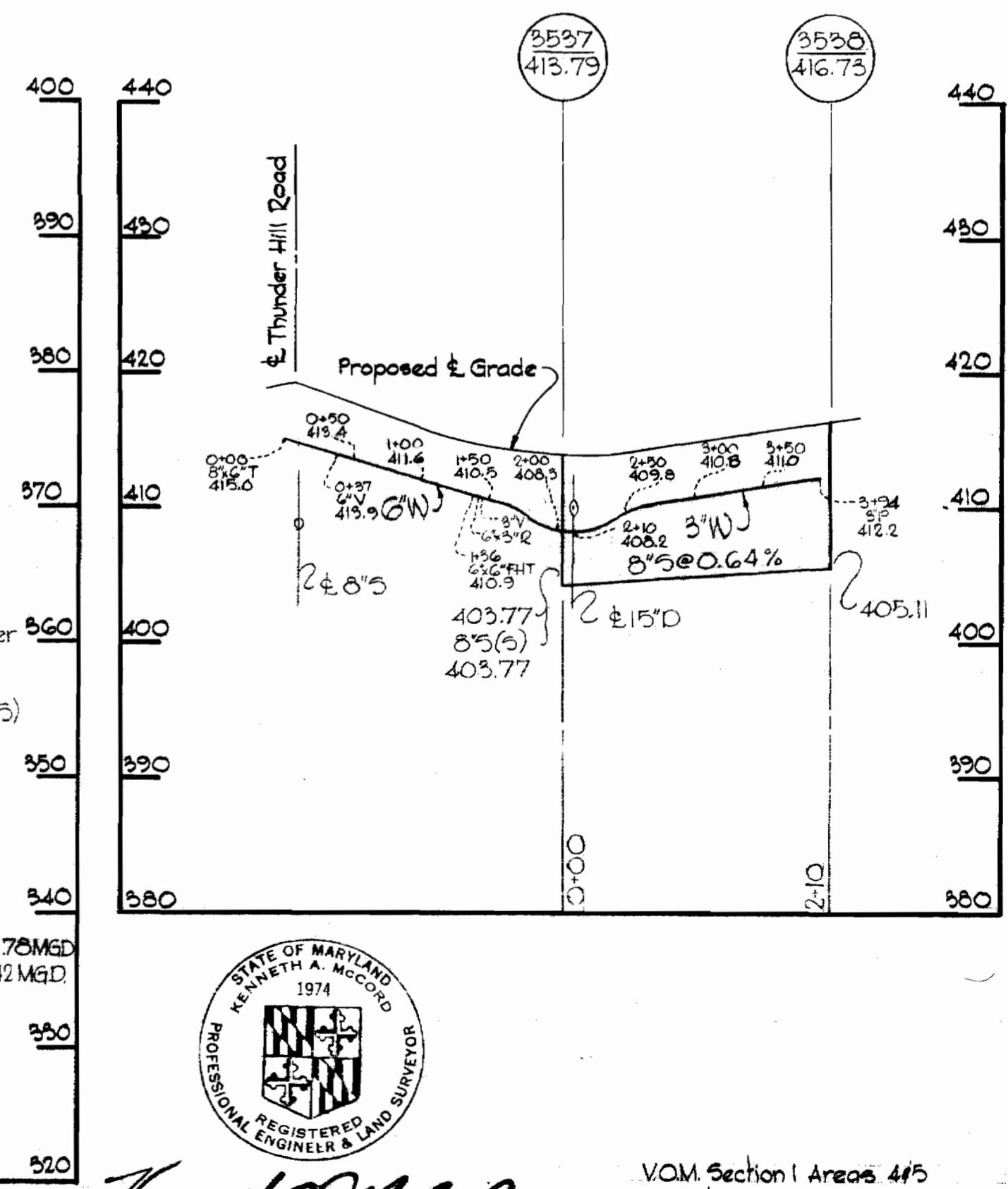
FARM POND LANE

For Plan See Drawing N^o 7



RACCOON COURT

For Plan See Drawing N^o 2



Kenneth A. McCord

VOM Section I Areas 4/5
Thunder Hill Area II
Contract N^o C-260-W/5

WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
DATE: 12-22-68
CHIEF ENGINEER: [Signature]

CONTRACT NO. C-260-W/5

PROFILES OF WATER & SEWER MAINS

COLUMBIA VILLAGE OF OAKLAND MILLS ELECTION DISTRICT GUILFORD NO. 6

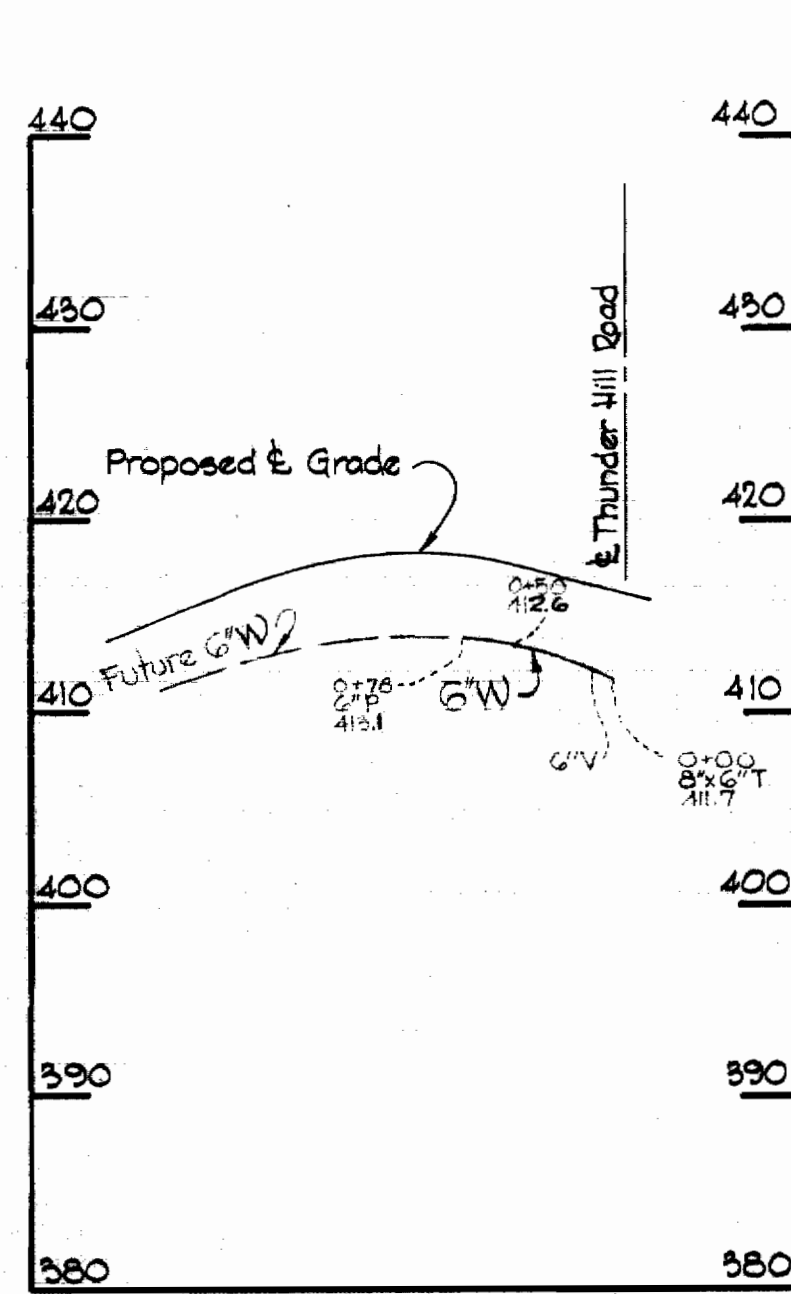
DRAWING NO. 11 OF 12 SCALE H1"=100' V1"=10'

260-WS/11

suspend .ext

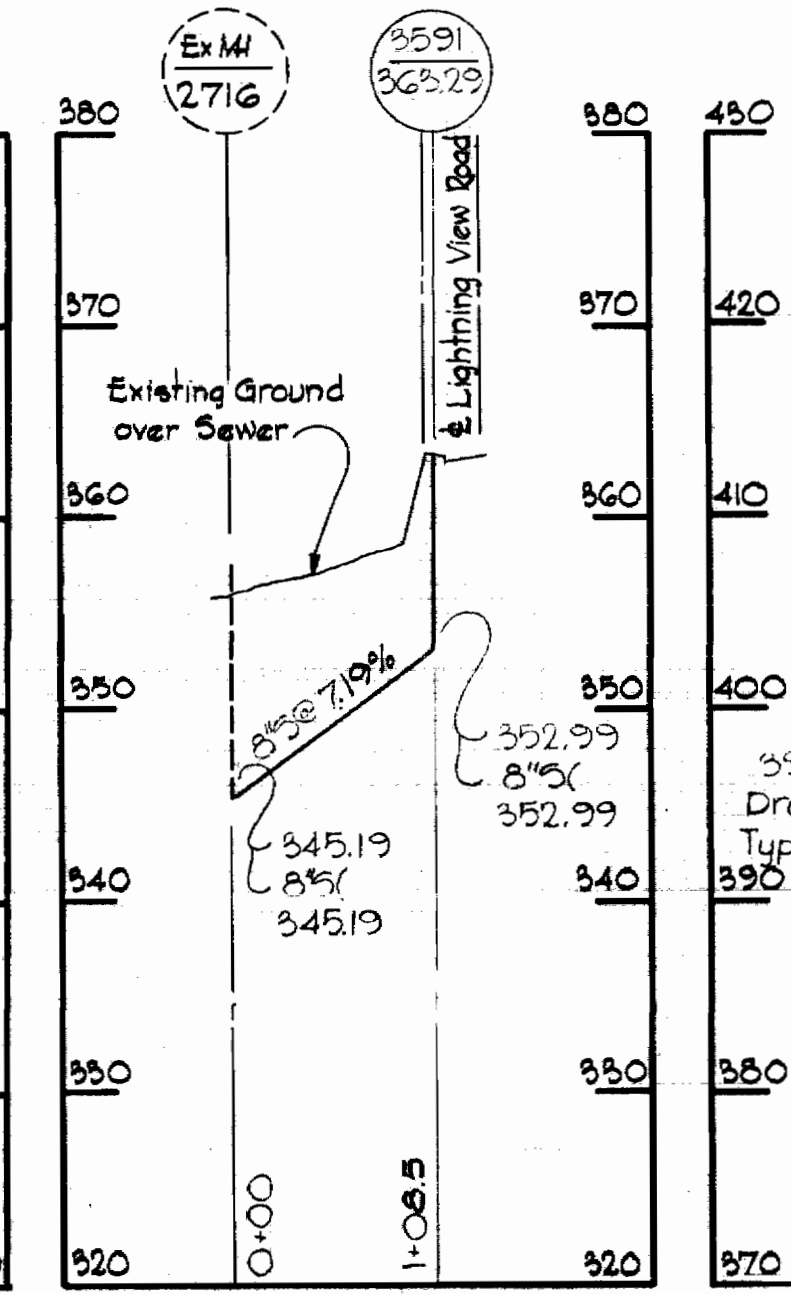
HOUND HILL COURT

For Plan See Drawing N° 4



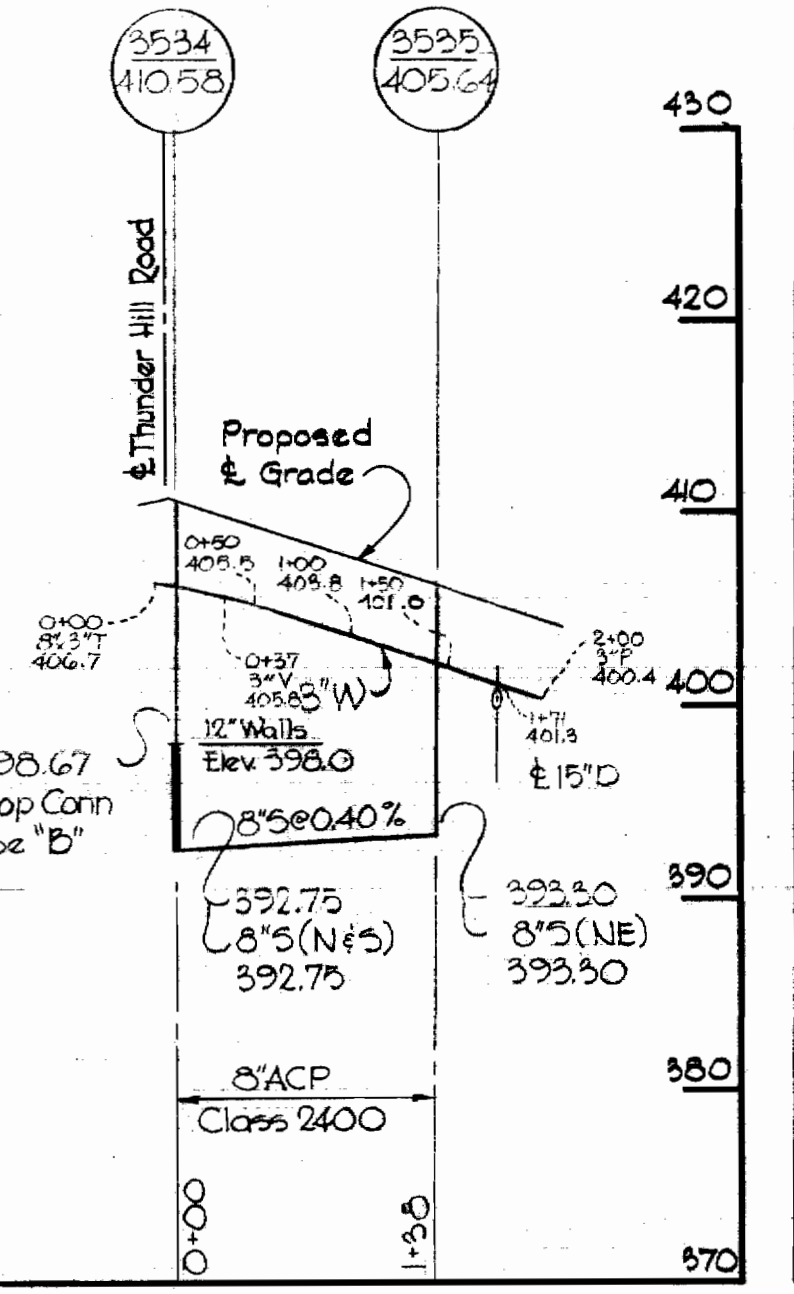
SLIPPER COURT

For Plan See Drawing N° 7

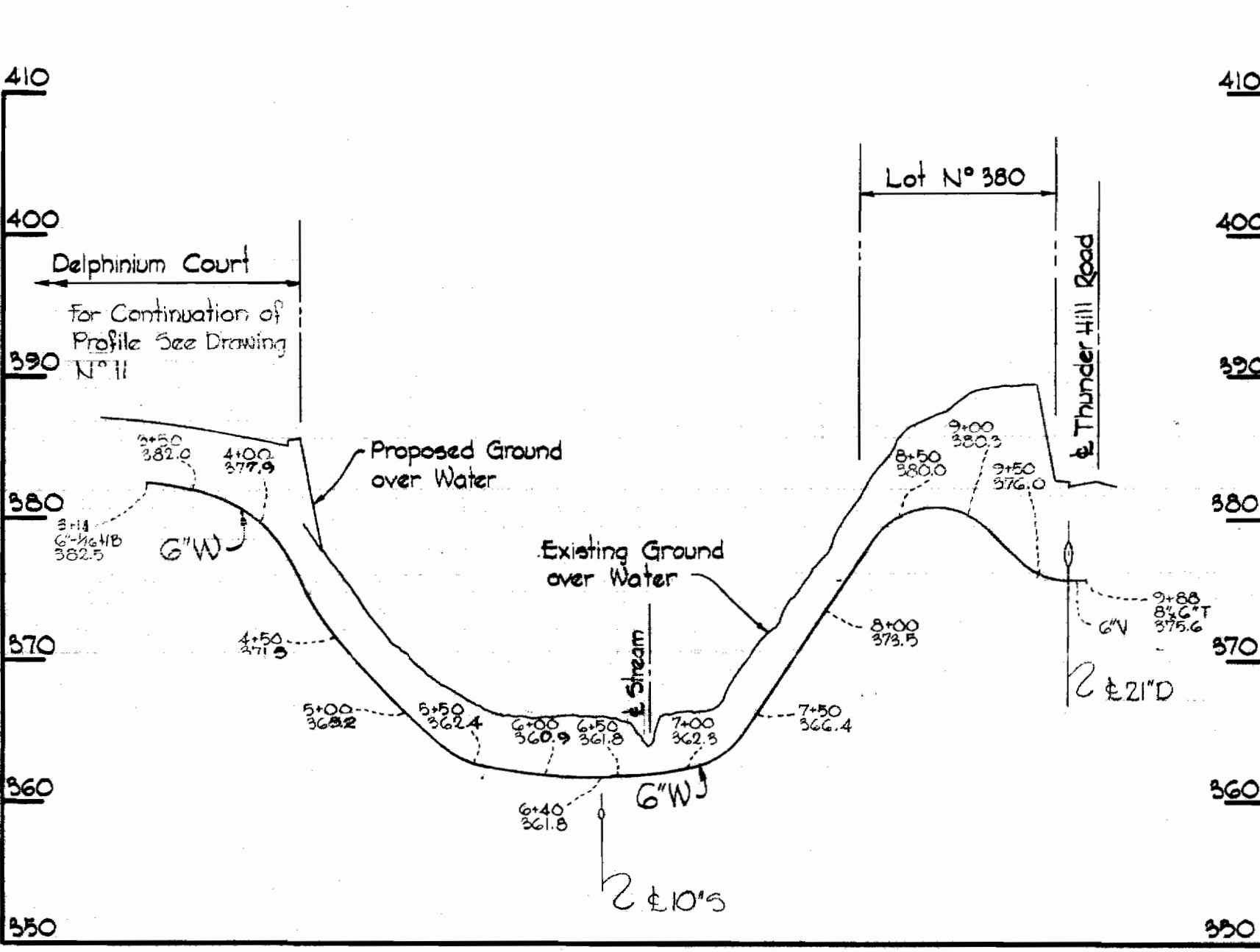


SLIPPER COURT

For Plan See Drawing N° 2

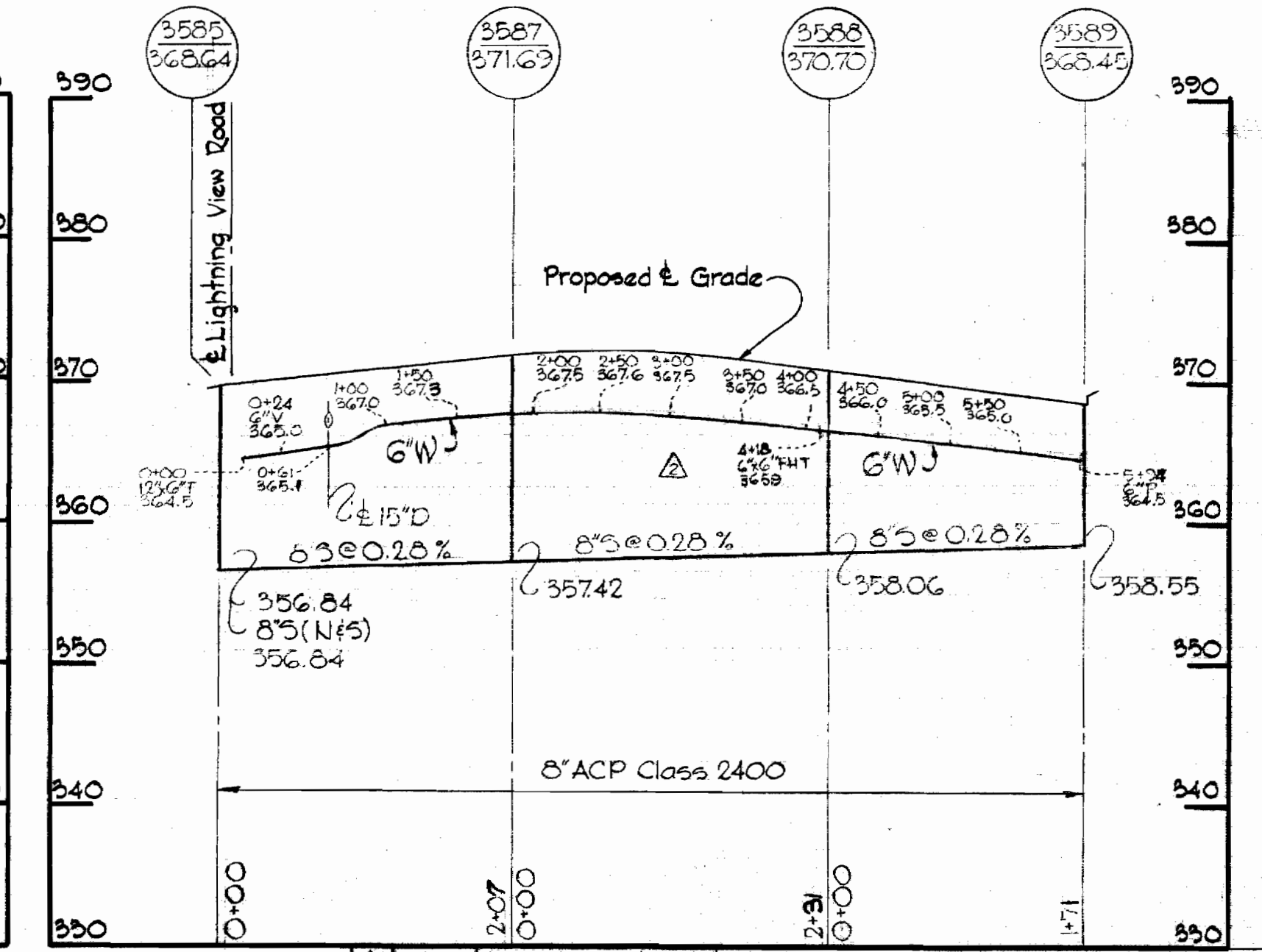


For Plan See Drawing N° 3



HAYLEDGE COURT

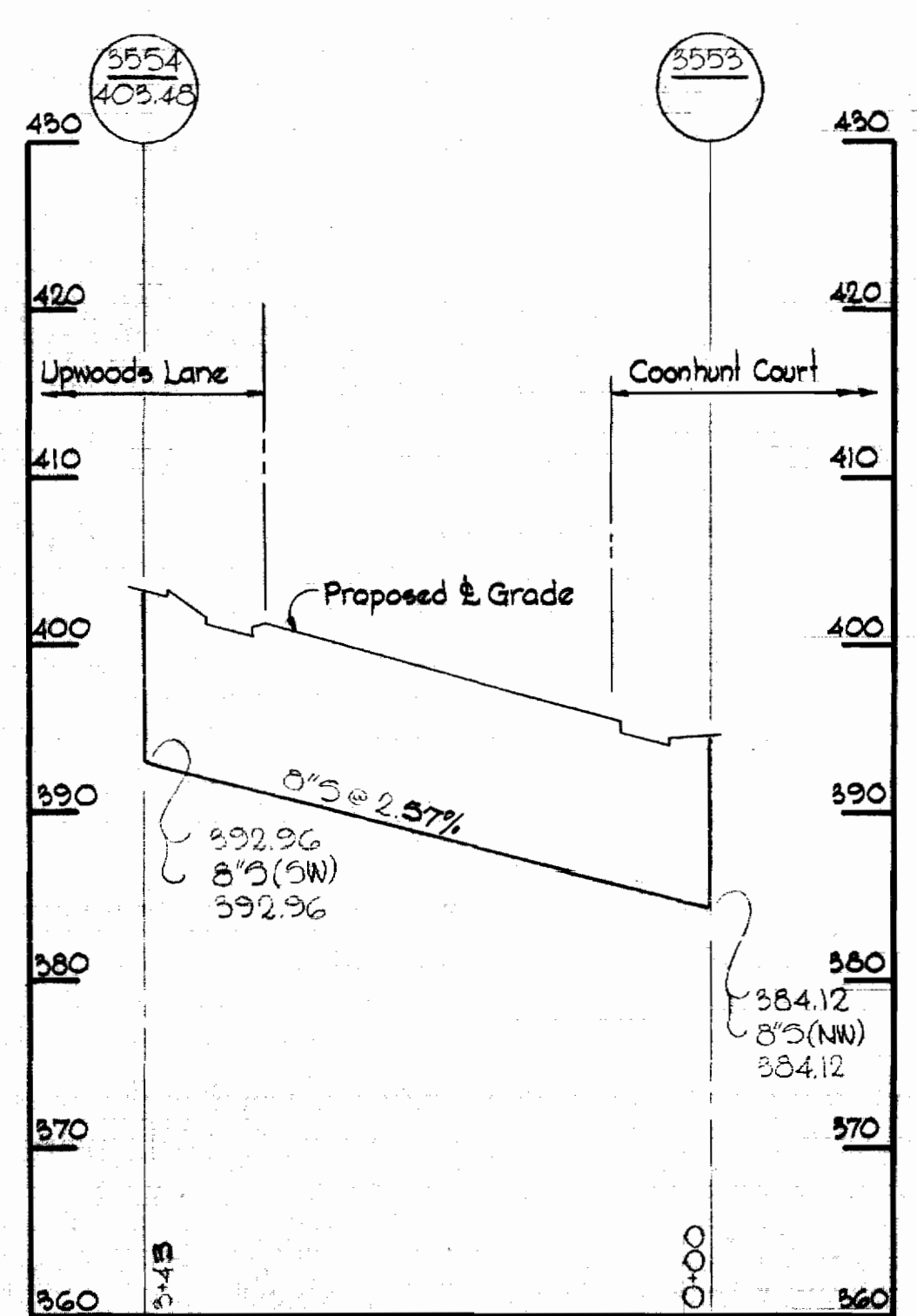
For Plan See Drawing N° 6



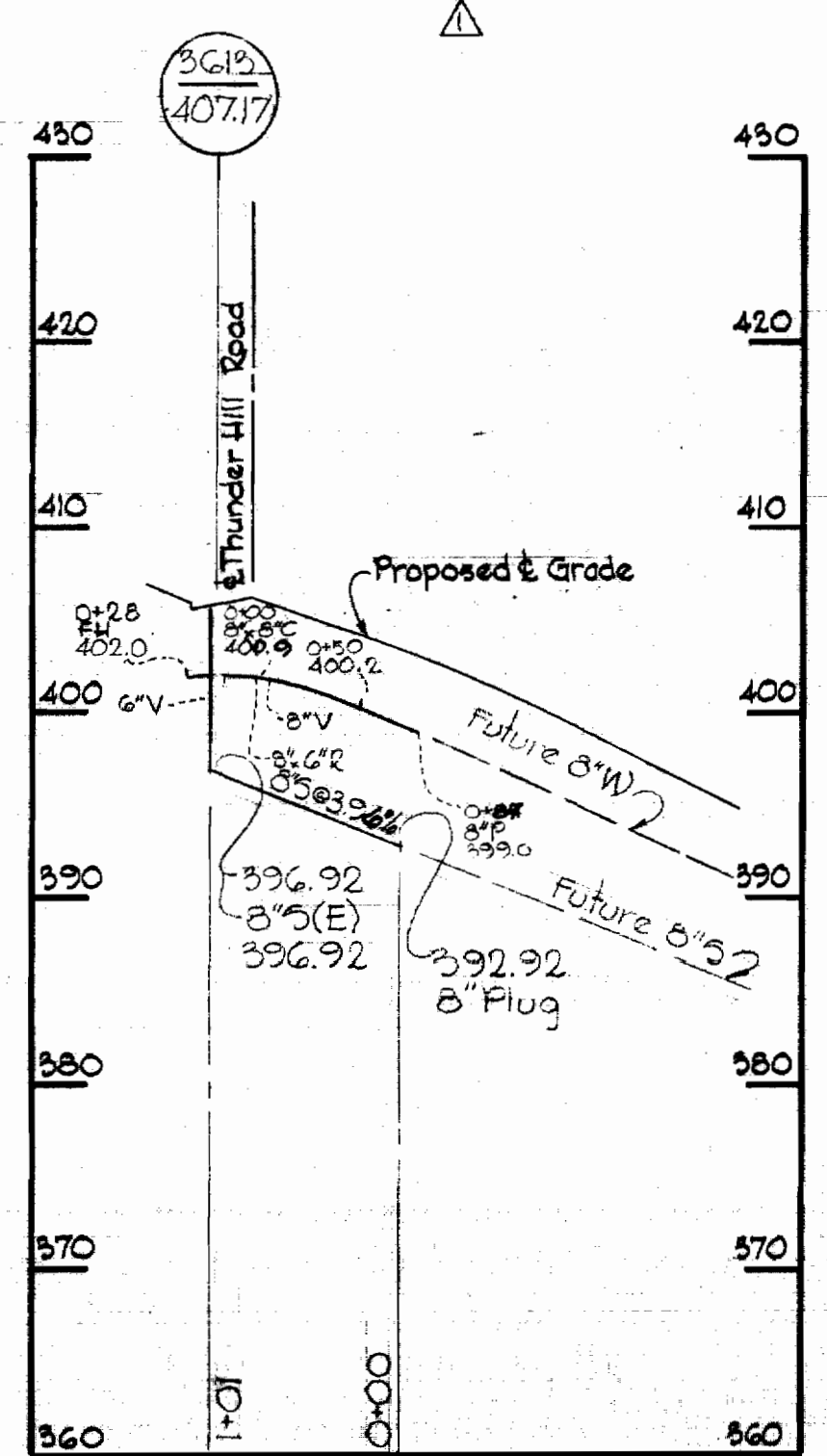
1-31-69	Revised Profile @ Intersection Blue Coat Lane & Thunder Hill Road
2-28-69	Lowered Water Main profile in Hayledge Court
N°	Date
	Revision

BLUECOAT LANE

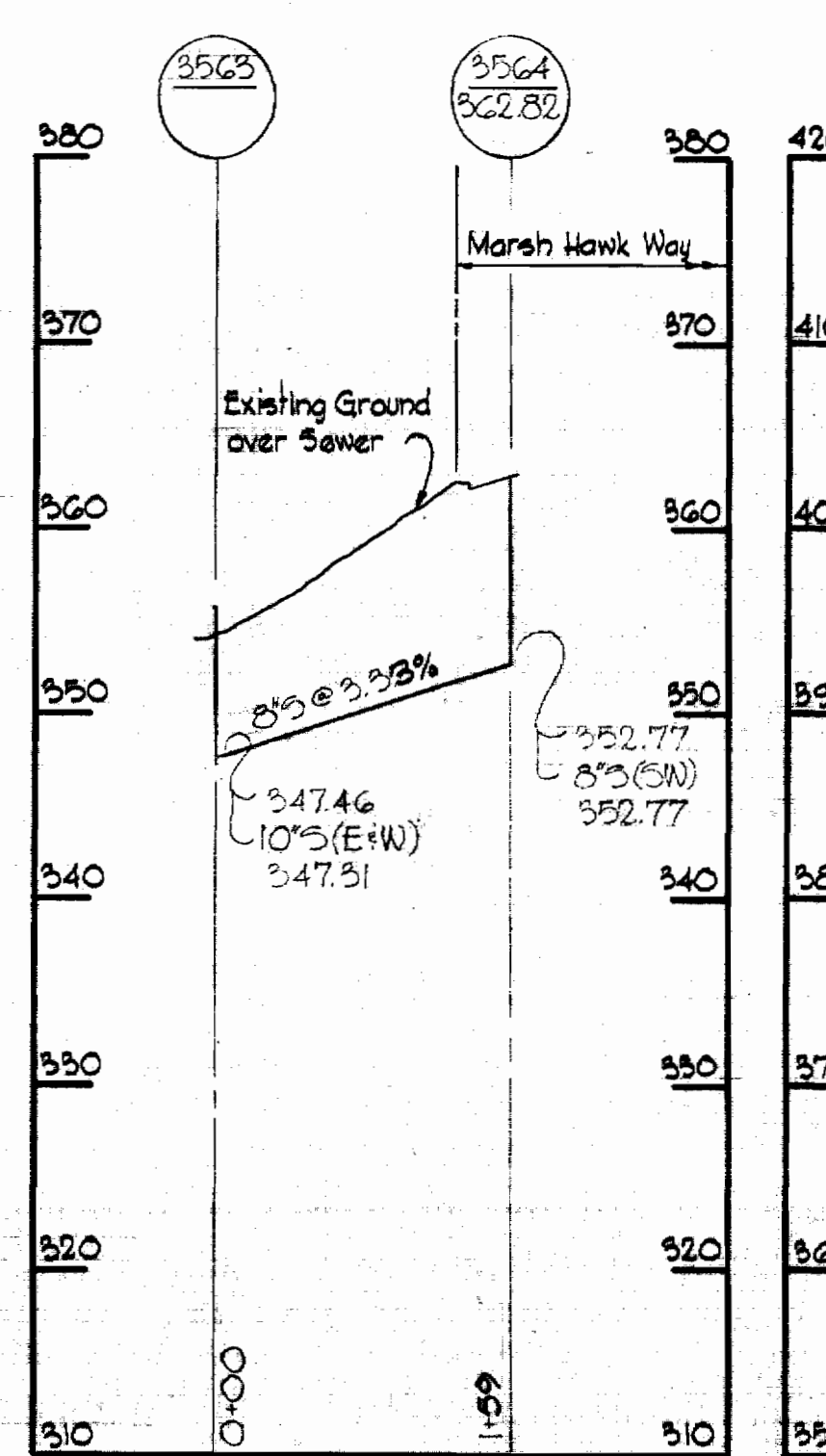
For Plan See Drawing N° 4



For Plan See Drawing N° 5

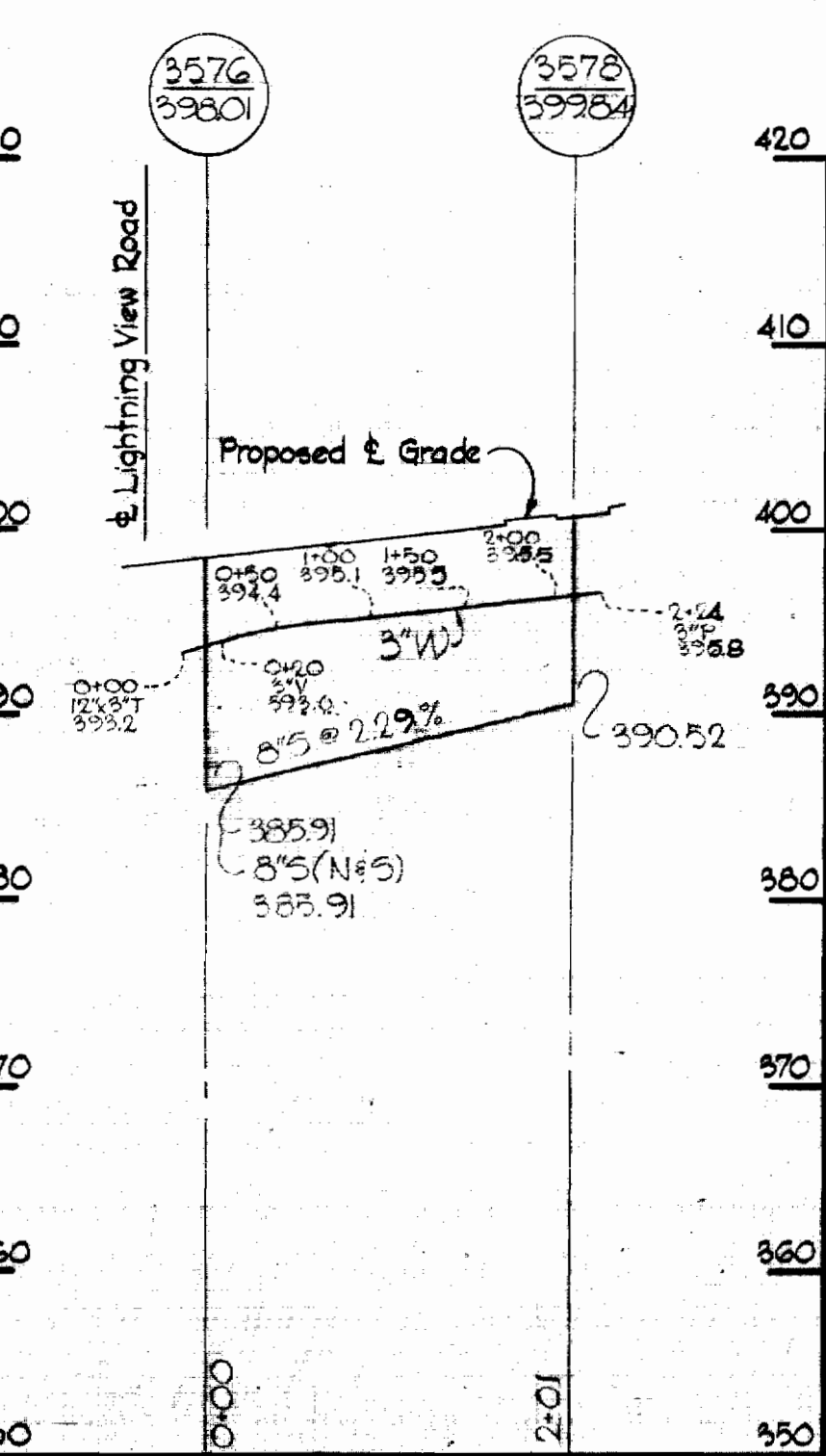


For Plan See Drawing N° 5



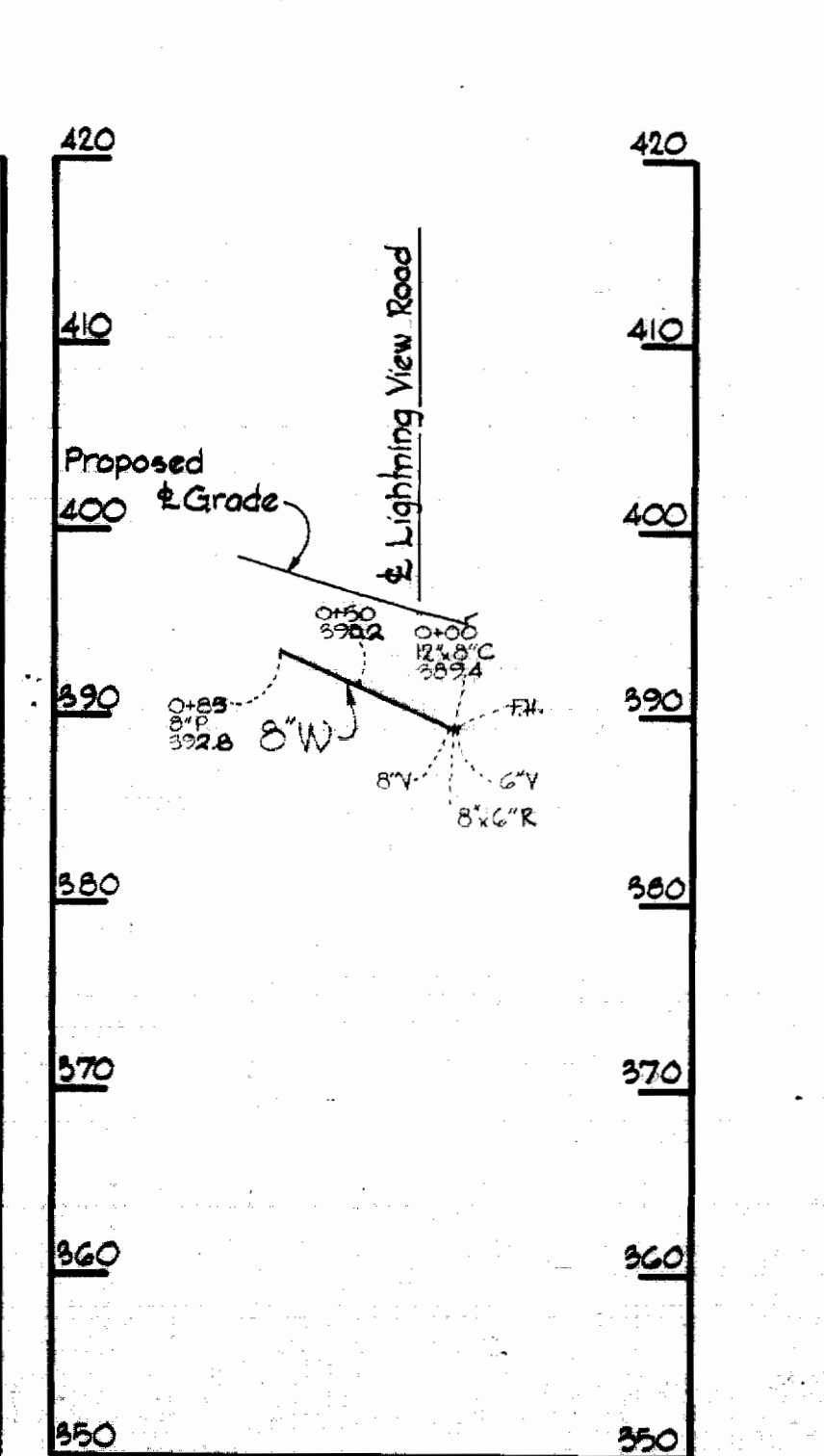
WEATHERSIDE RUN

For Plan See Drawing N° 5



LIME BANKS WAY

For Plan See Drawing N° 5



Kenneth A. McCord
 VCM, Section 1 Area 415
 Thunder Hill Area II
 Contract N° C-260-W15

WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
 DATE: 12-23-68
W.C. Fisher
 CHIEF ENGINEER

CONTRACT NO. C-260-W8S

PROFILES OF WATER & SEWER MAINS

COLUMBIA VILLAGE OF OAKLAND MILLS ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. 12 OF 12 SCALE H. 1"=100' V. 1"=10'

AS BUILT SEPT. 8, 1969

15 260-WS/12

suspend .ext