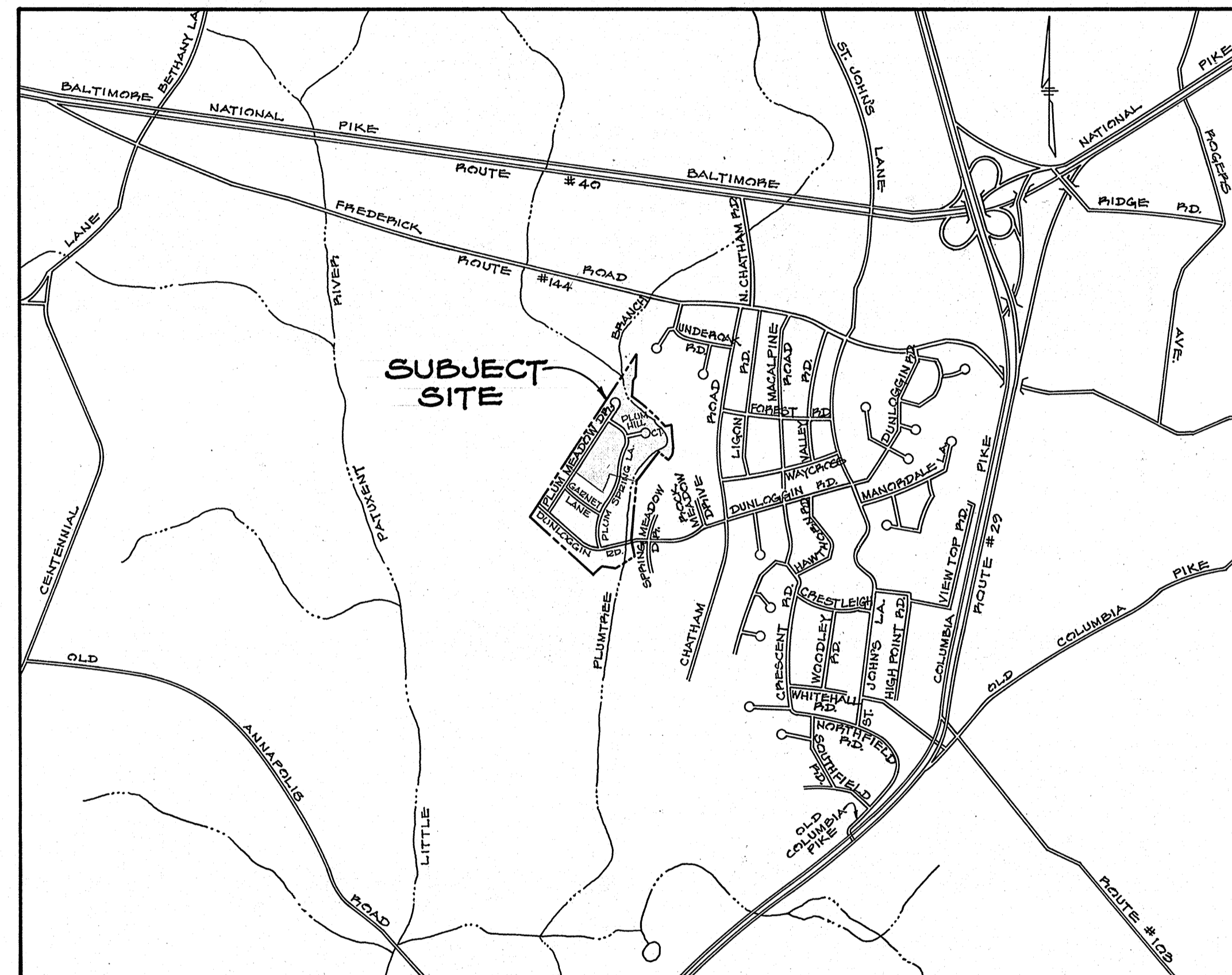


GENERAL NOTES

- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRE CAUTIONS TO PROTECT EXISTING MAINS AND SERVICE CONNECTIONS AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT \ominus ELEVATIONS.
- THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES.
- FOR ALL STANDARD DETAILS SEE STANDARDS BOUND IN SPECIFICATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6', ALL POLES BY A MINIMUM OF 2'-0" OR TUNNEL AS REQUIRED.
- TOP OF WATER MAINS TO HAVE MINIMUM $3\frac{1}{2}$ ' OF COVER UNLESS OTHERWISE NOTED.
- BLOCK ALL WATER MAIN FITTINGS WITH CONCRETE, SEE STANDARDS BOUND IN SPECIFICATIONS.
- FIRE HYDRANTS SHALL BE SET AT THE BURY LINE ELEVATIONS SHOWN ON DRAWINGS.
- FIRE HYDRANTS SHALL BE STRAPPED TO TEES AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS.
- ALL WATER VALVES SHALL BE STRAPPED TO TEES IN ACCORDANCE WITH STANDARD DETAILS.
- COSTS OF STRAPPING FIRE HYDRANTS AND VALVES TO TEES SHALL BE INCLUDED IN THE PRICE BID FOR FURNISHING AND LAYING OF WATER MAINS.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- SEWER MANHOLES SHALL BE 4'-0" INSIDE EXCEPT WHERE OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOTIFY THE BALTO. GAS & ELECTRIC CO. 72 HOURS IN ADVANCE OF EXCAVATION BY CALLING 539-8000, EXT. 69.
- THE CONTRACTOR SHALL NOTIFY THE C&P TELEPHONE CO. PRIOR TO ANY CONSTRUCTION IN VICINITY OF ANY TELEPHONE CO. FACILITIES BY CALLING COLLECT 685-0400 IN BALTIMORE, MD.
- ALL WATER MAINS TO BE C.I.P., D.I.P., OR A.C.P.X. UNLESS OTHERWISE NOTED.
- ALL SEWER MAINS TO BE V.C.R.X., A.C.P. CLASS 2400 OR C.S.R.X. UNLESS OTHERWISE NOTED.
- TREES ARE TO BE PROTECTED AGAINST DAMAGE TO THE MAX. EXTENT REASONABLE.
- ROADWAYS ARE TO BE SET TO SURGRADE BEFORE INSTALLATION OF UTILITIES.
- COORDINATES SHOWN HEREON ARE BASED ON MARYLAND STATE DATUM.

CONSTRUCTION PLAN INDEX

WATER AND SEWER
 SHEET #1 OF 3 - TITLE SHEET
 SHEET #2 OF 3 - PLUM MEADOW DRIVE NORTHEASTERLY TO PLUM SPRING LANE
 SHEET #3 OF 3 - PLUM SPRING LANE NORTHEASTLY TO PLUM HILL COURT



VICINITY MAP
 SCALE: $3\frac{1}{4}" = 1 \text{ MILE}$

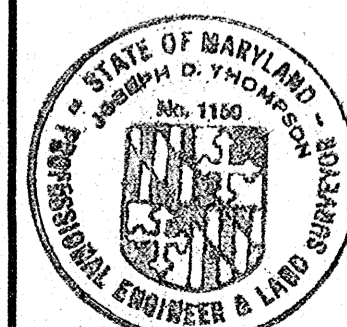
CELLAR ELEVATION SCHEDULE					
BLOCK	LOT	CELLAR EL.	BLOCK	LOT	CELLAR EL.
B	7	385.0	D	31	350.0
B	8	385.0	D	32	350.0
B	9	381.0	D	33	350.0
B	10	375.0	D	34	350.0
B	11	372.0	D	35	350.0
B	12	372.0	D	36	350.0
B	13	378.0	D	7	381.0
B	14	378.0	D	8	382.0
B	15	376.0	D	9	383.0
B	16	372.0	D	10	372.0
B	17	372.0	D	11	371.0
B	18	353.0	D	12	372.0
B	19	358.5	D	13	373.0
B	20	357.0	D	14	374.0
B	21	354.0	D	15	367.5
B	22	360.0	D	16	355.0
B	23	363.0	D	17	356.0
B	24	363.0	D	18	356.0
B	25	363.0	D	19	354.0
B	26	360.0	D	20	355.0
B	27	352.0	D	21	355.0
B	28	352.0	D	22	355.0
B	29	354.0	D	23	358.0
B	30	351.0	D	24	360.0

LEGEND	
---	WATER SERVICE CONNECTIONS
- - -	SEWER SERVICE CONNECTIONS
- - -	MINIMUM CELLAR ELEVATIONS

QUANTITY SCHEDULE	
ITEM	QUANTITY
8" SEWER	2502 LF
6" WATER	2435 LF
FIRE HYDRANTS	4

BENCH MARK CONTROL SCHEDULE	
BENCH MARK:	BONNET BOLT ON FIRE HYDRANT @ SPRING MEADOW DRIVE AND SPRING MEADOW COURT ON NORTHEAST SIDE OF SPRING MEADOW DRIVE. ELEVATION = 352.66
BENCH MARK:	BONNET BOLT ON FIRE HYDRANT BETWEEN LOTS #7 & 8 ON SPRING MEADOW DRIVE. ELEVATION = 352.27

HORIZONTAL CONTROL SCHEDULE	
S-37	IRON PIPE PLANTED ON THE NORTHWEST CORNER OF LOT #14 DONLOGGIN II SECTION 5 N 520, 807.48 E 845, 913.29
Y-29	IRON PIPE PLANTED ON THE SOUTHWEST CORNER OF LOT #14 DONLOGGIN II SECTION 5 N 520, 670.33 E 845, 923.67



Joseph D. Thompson
 1150 6/16/73

JOSEPH D. THOMPSON
 ENGINEERS & LAND SURVEYORS
 101 SHELL BLDG.
 200 E. JOFFA RD. TOWSON, MD.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 7-30-73
 DATE

CONTRACT NO. 8660 DW 13

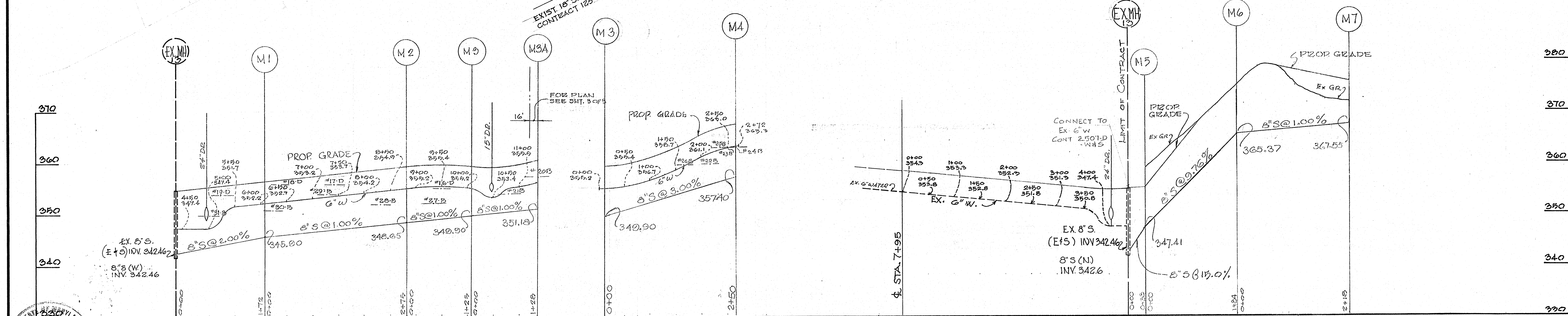
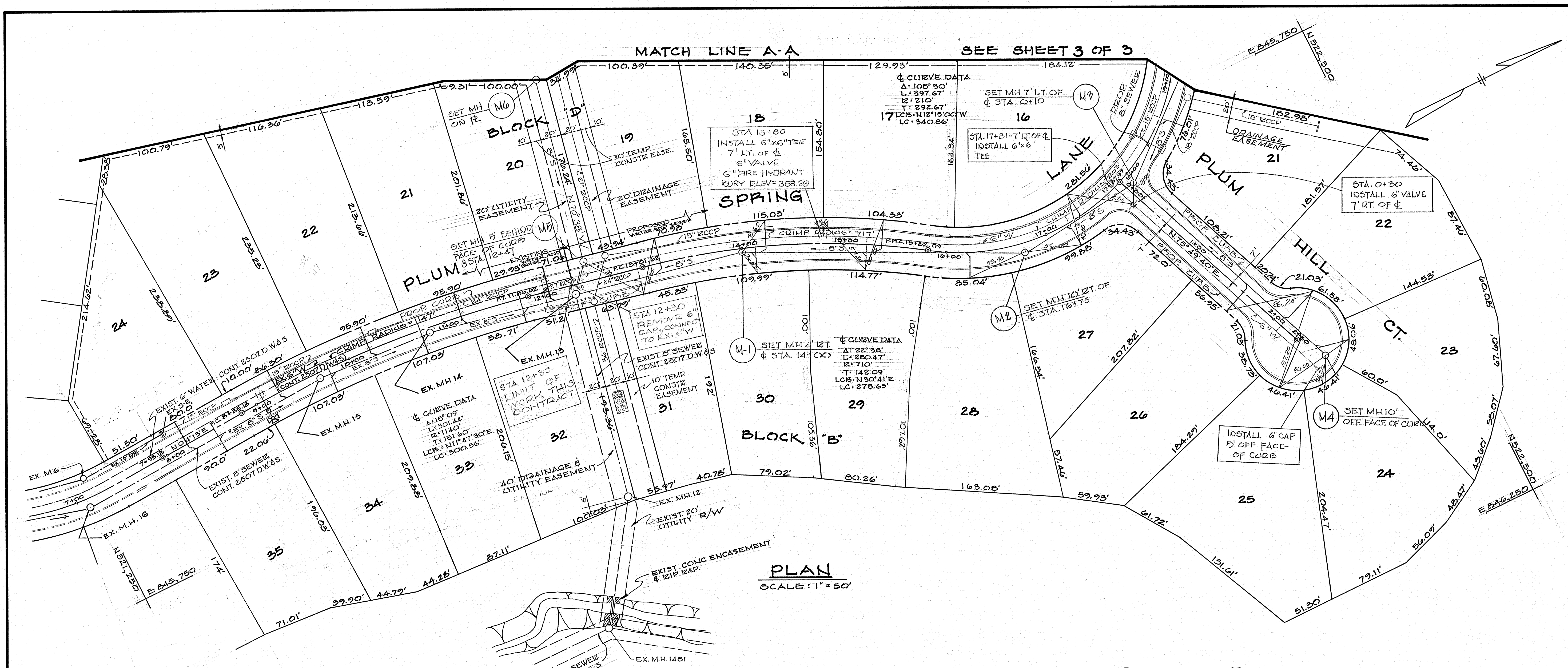
PLAN & PROFILE OF
 WATER & SEWER MAINS

ELECTION DISTRICT
 ELLICOTT CITY NO. 2

DUNLOGGIN II
 PLUM MEADOW DRIVE, PLUM SPRING LANE
 SECTION NO. 7
 AREA 2

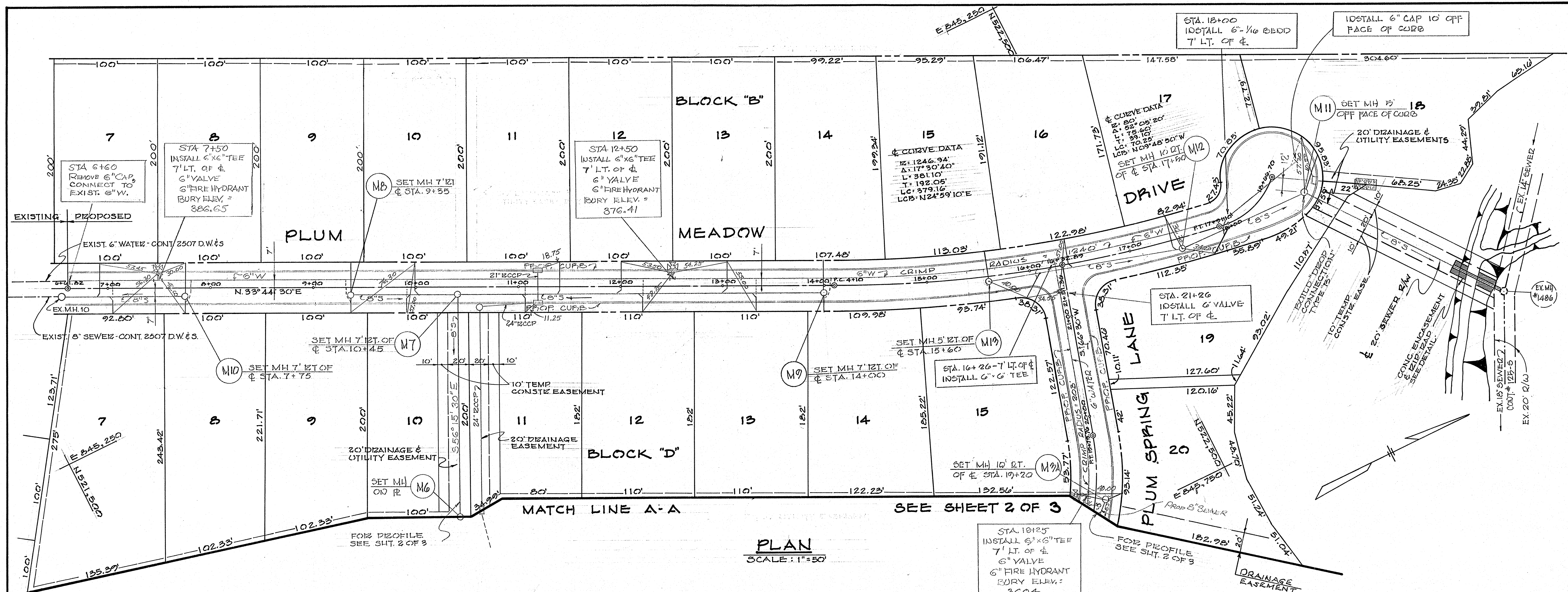
DRAWING NO. <u>1</u> OF <u>3</u>	SCALE AS SHOWN
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1/SBM 095 SW

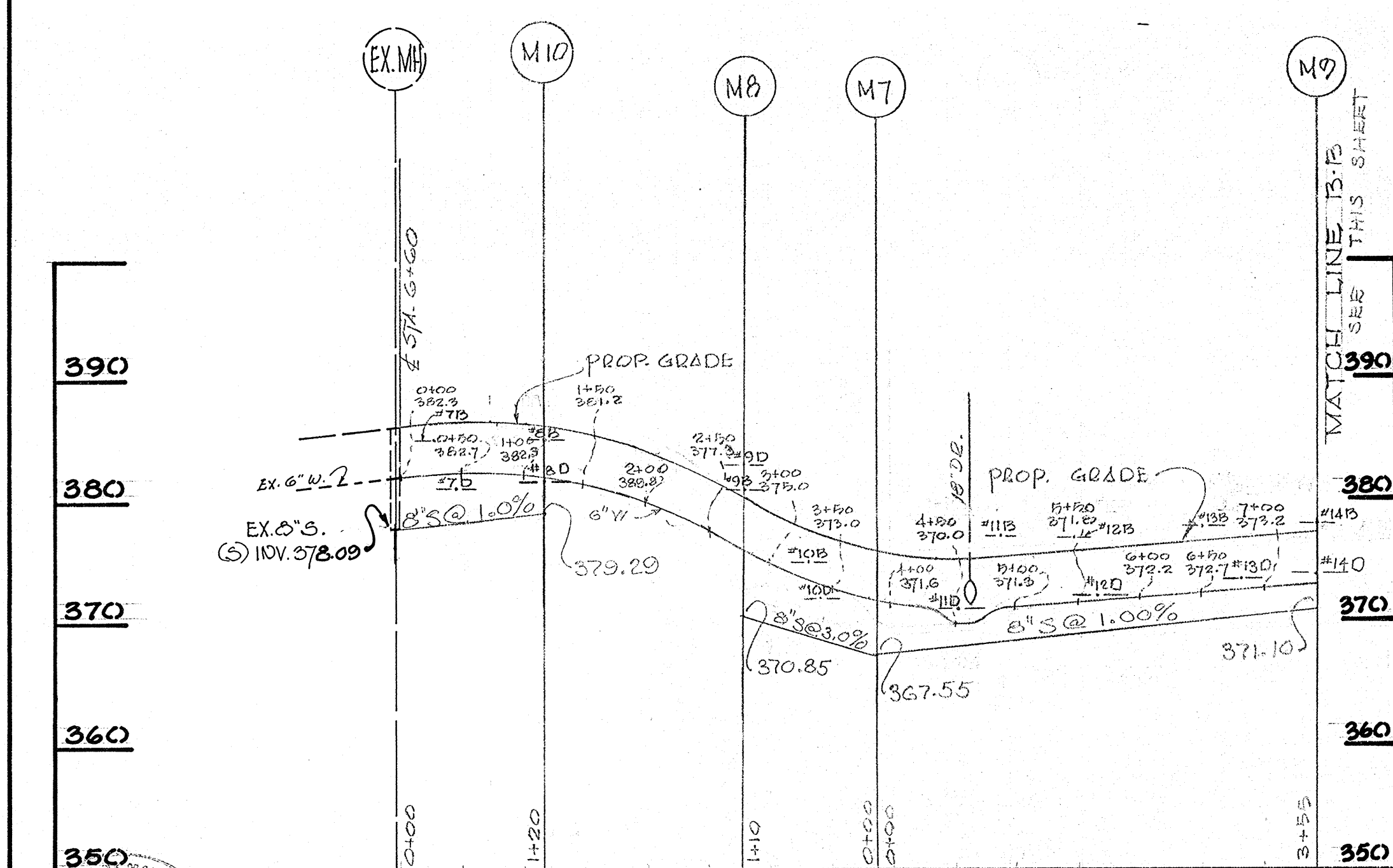


<p>Joseph D. Thompson 11 80 6/15/73</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND</p> <p>2-30-73 DATE</p>	<p>CONTRACT NO. 560.D.W.S.</p>	<p>PLAN & PROFILE OF WATER & SEWER MAINS</p>	<p>ELECTION DISTRICT ELLICOTT CITY NO. 2</p>	<p>DRAWING NO. 2 OF 3</p>	<p>SCALE AS SHOWN</p>
	<p>JOSEPH D. THOMPSON ENGINEERS & LAND SURVEYORS 101 SHELL BLDG. 200 E. JOFFA RD. TOWSON, MD.</p>	<p>W.D. Wood CHIEF BUREAU OF ENGINEERING</p>	<p>AS-BUILT</p>	<p>AS-BUILT</p>	<p>AS-BUILT</p>	<p>AS-BUILT</p>

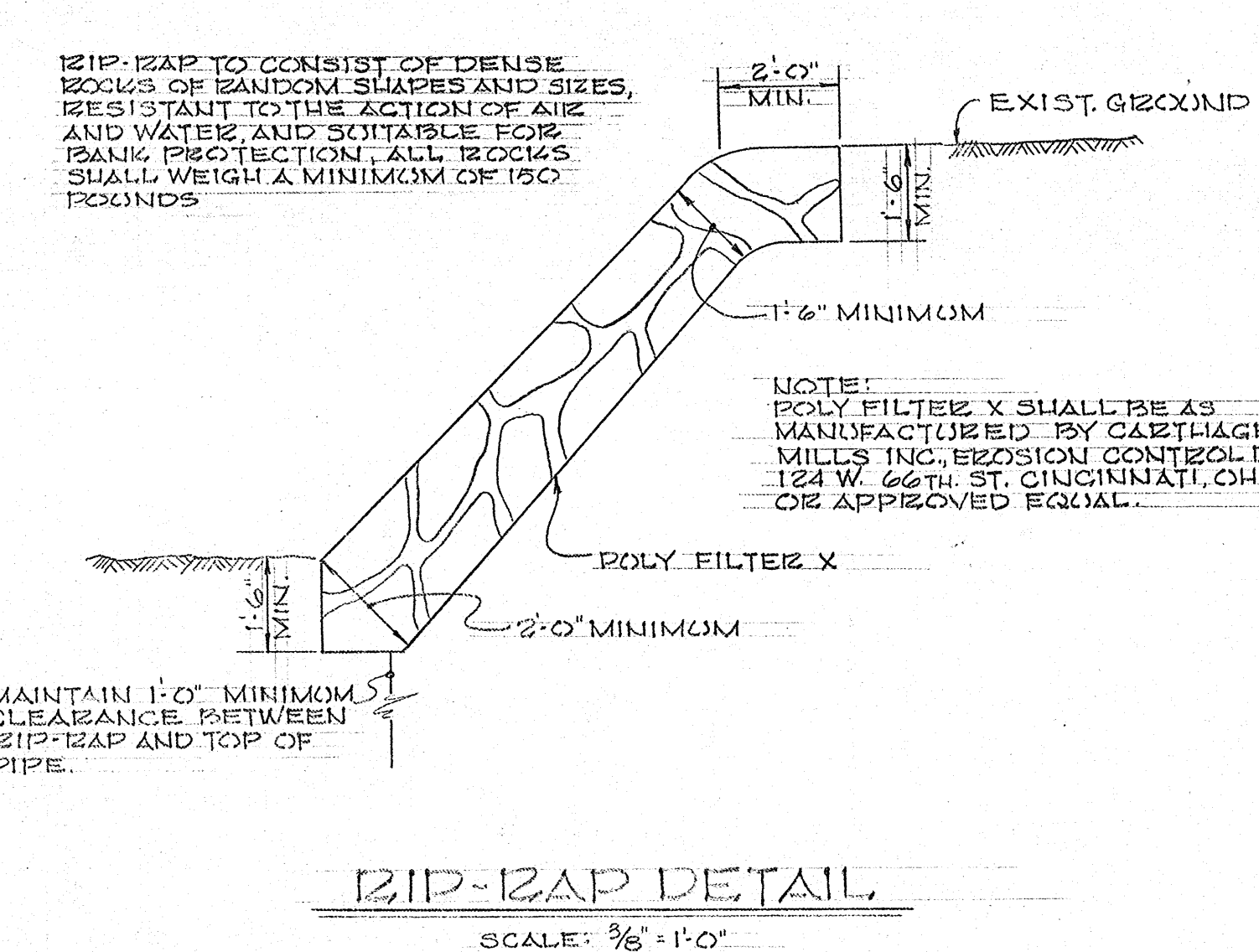
WS 560 W&S/2



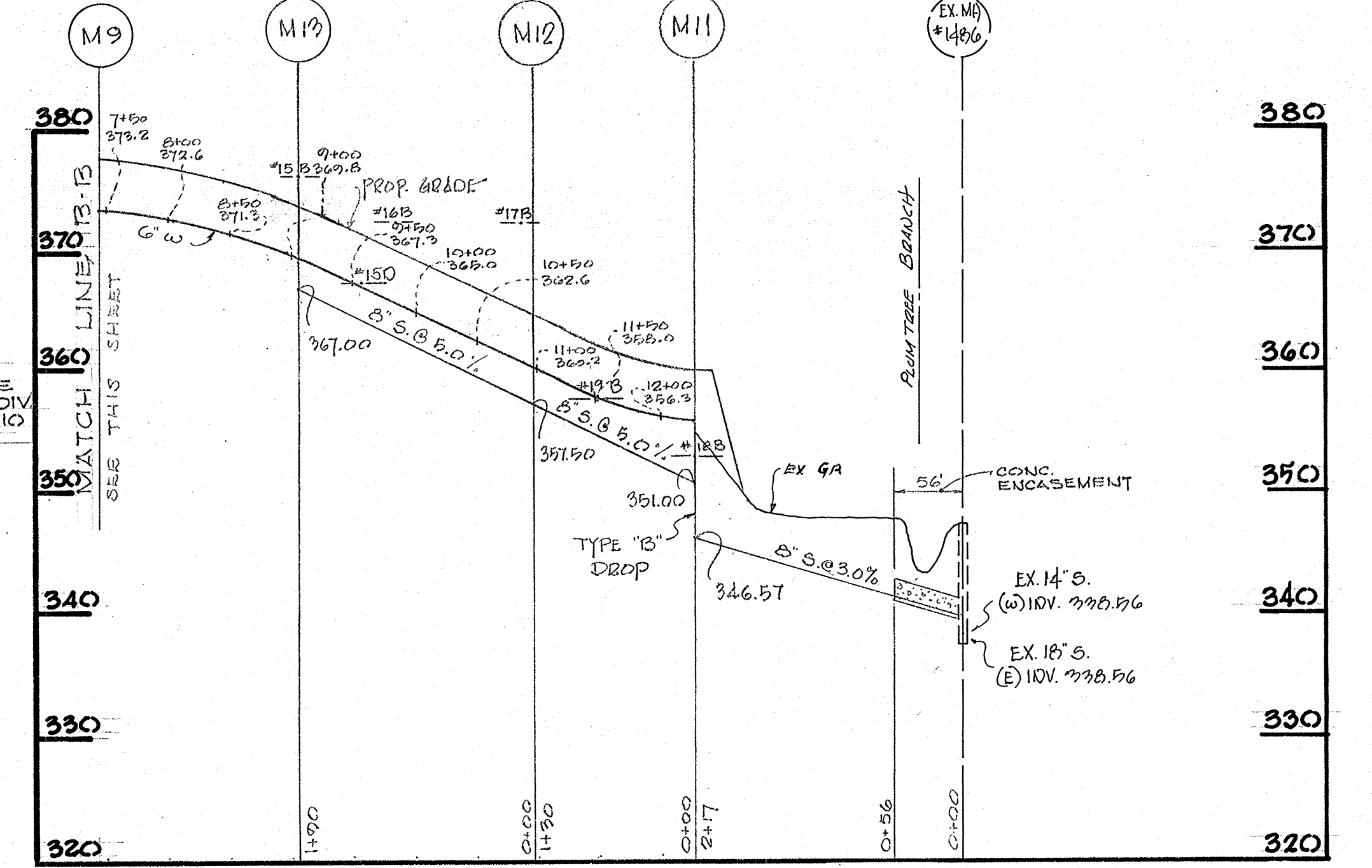
PLAN
SCALE: 1"=50'



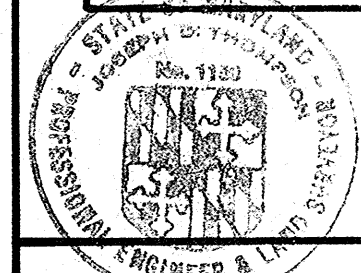
PROFILE SCALE: HORIZONTAL 1"=100'
VERTICAL 1"=10'



12IP-12AP DETAIL
SCALE: 3/8"=1'-0"



PROFILE SCALE: HORIZONTAL 1"=100'
VERTICAL 1"=10'



Joseph D. Thompson
1152 6/15/73

JOSEPH D. THOMPSON
ENGINEERS & LAND SURVEYORS
101 SHELL BLDG.
200 E. JOFFA RD. TOWSON, MD.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
7-30-73
DATE

CONTRACT NO. 360 D.W.ES

PLAN & PROFILE OF WATER & SEWER MAINS

ELECTION DISTRICT ELLICOTT CITY NO. 2

DUNLOGGIN II	
PLUM MEADOW DRIVE, PLUM SPRING LANE	
SECTION NO. 7	
AREA 2	
DRAWING NO. 3	SCALE AS SHOWN
OF 3	

AS BUILT

WS 560 W&S/3