

Waste Water Disposal: Savage
 Types of Buildings: Single Family
 No. of SHC: 44
 No. of WHC: 44

WATER & SEWER CODE
 County Use: _____
 Water: J 16
 Sewer: _____

CONTRACT NO. 2869D-W&S
BURLEIGH MANOR
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
8" Sewer	1,460 L.F.	1,436.0 L.F.	JOHN'S MANVILLE / TRANSTEE PIPE
Manholes *	(4) 45 V.F.	(4) 40.00 V.F.	
8" Water *	530 L.F.	525.0 L.F.	DUCTILE IRON / GRIFFIN-AMSTEAD
6" Water	1,470 L.F.	1,487.3 L.F.	" "
8" Valves	1	1	" "
6" V (Excluding F.H.V.)	3	3	" "
Fire Hydrants	3	4	M&H

* INCLUDE FIRE HYDRANT CONNECTIONS
 * EXCLUDING FRAME & COVERS



James M. ...
 Burleigh Manor
 Section 4, Area 1
 Contract No. 2869D-W&S

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
James M. ...
 CHIEF-BUREAU OF UTILITIES - DATE
W. O. ...
 CHIEF-BUREAU OF ENGINEERING - DATE

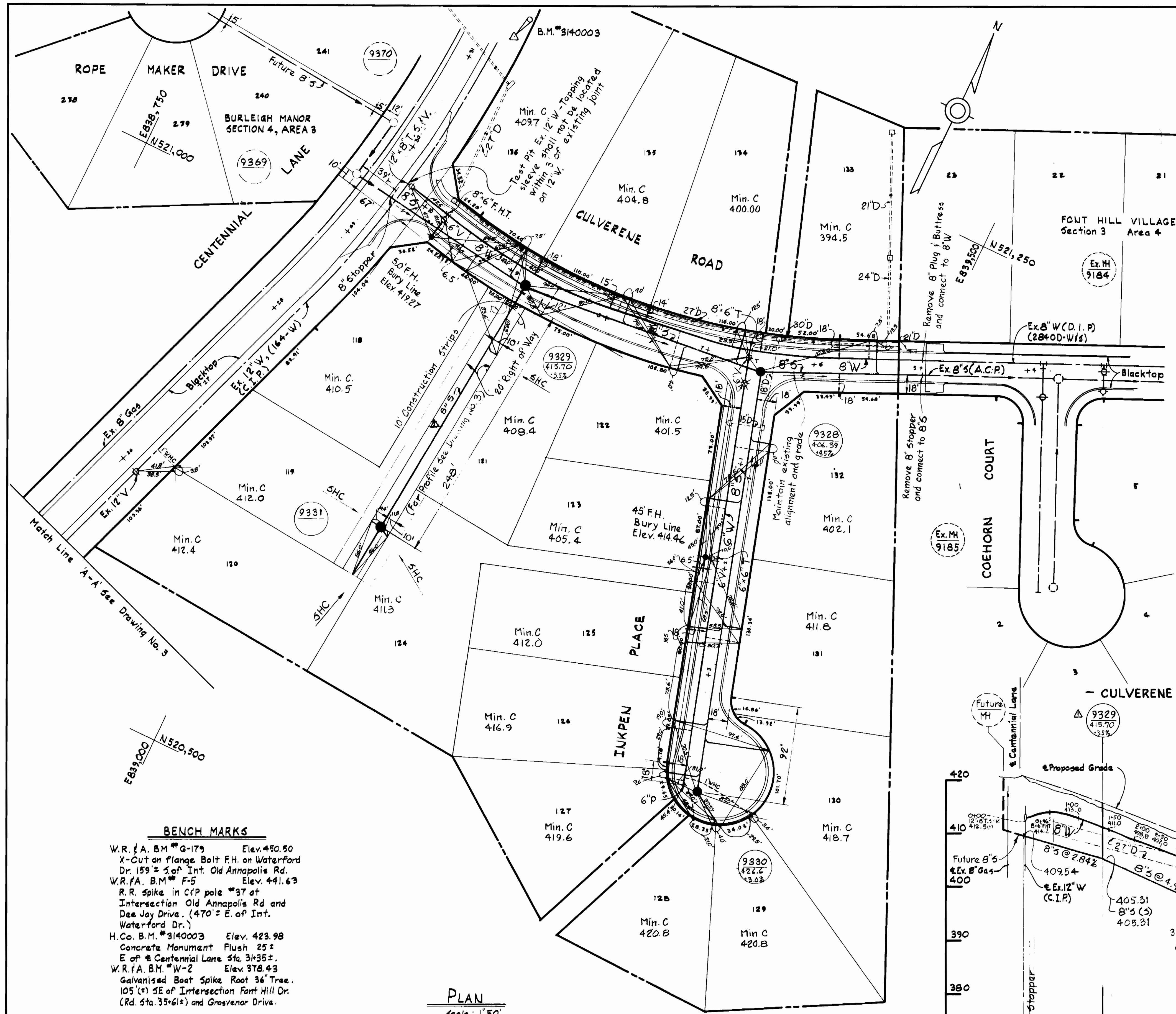
DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
James F. ...
 DIRECTOR OF PUBLIC WORKS - DATE
 10-18-79 DATE

CONTRACT NO. 2869D-W&S

LOCATION MAP OF
 WATER & SEWER MAINS

BURLEIGH MANOR
 ELECTION DISTRICT
 ELLICOTT CITY NO. 2

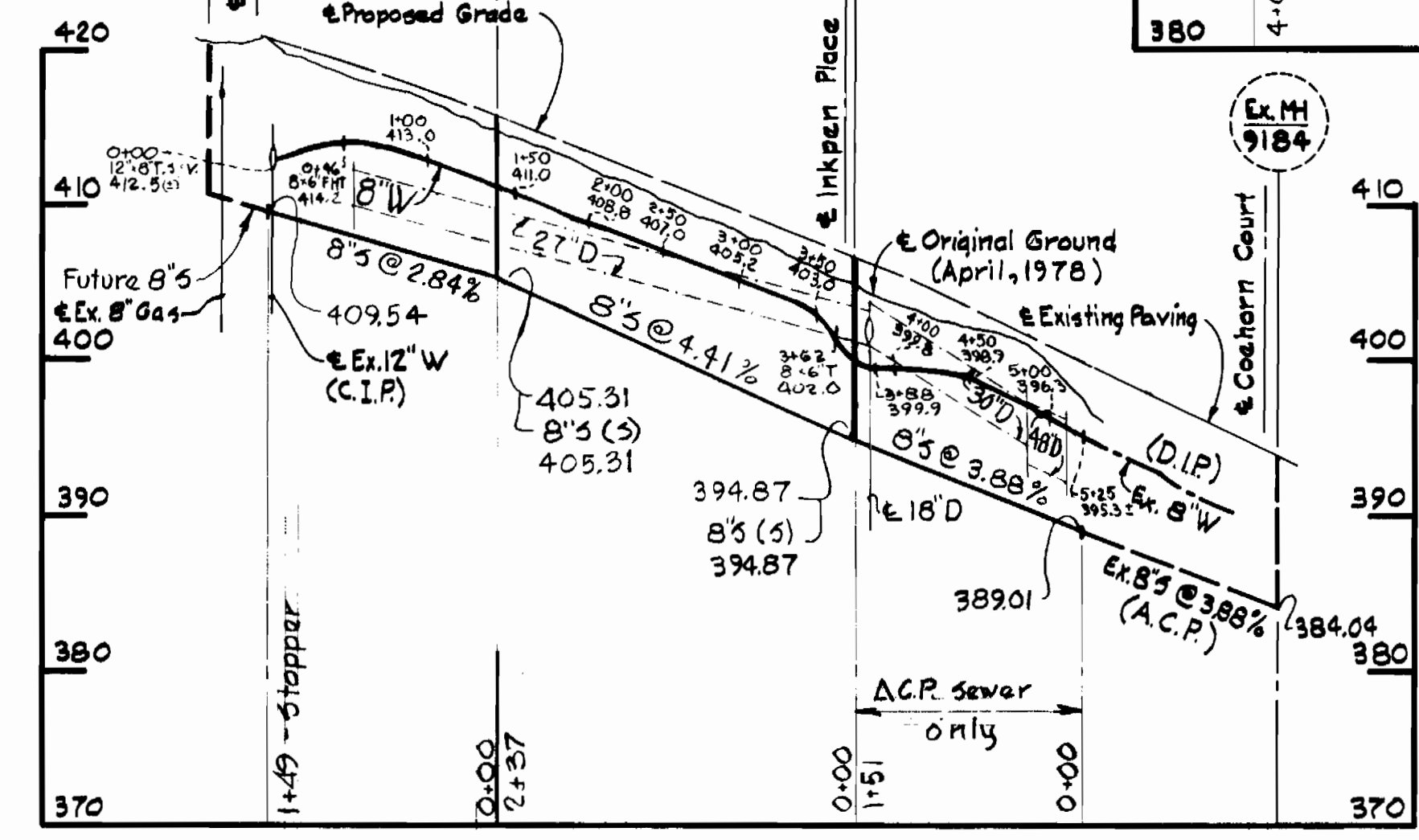
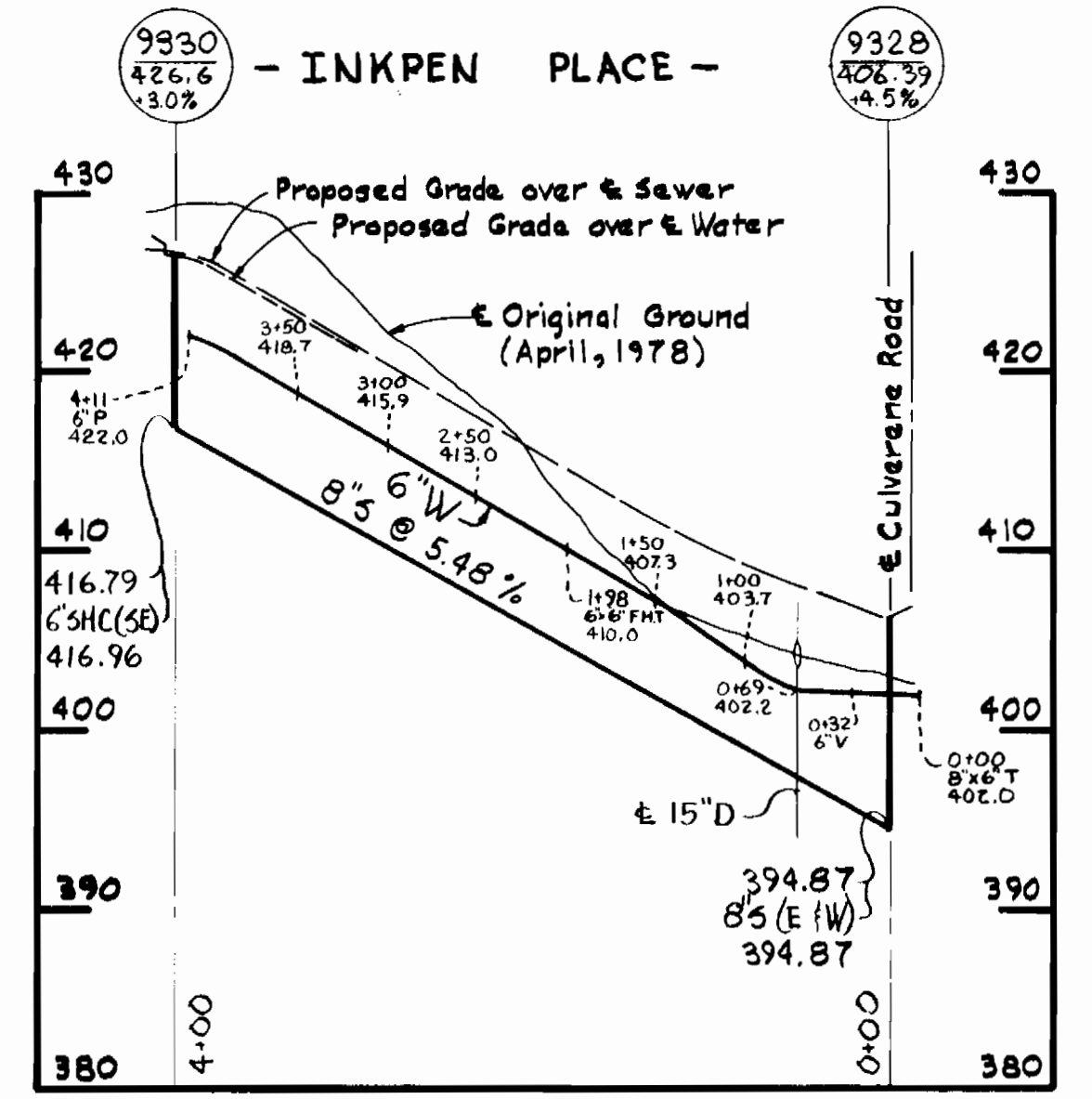
DRAWING NO. OF 3 SCALE 1"=600'



- ### 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 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. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
BALTIMORE GAS AND ELECTRIC COMPANY - UNDERGROUND ELECTRIC DISTRIBUTION ENGINEERING DAMAGE CONTROL 234-5691
UNDERGROUND GAS DISTRIBUTION ENGINEERING 234-5621
CHESAPEAKE AND POTOMAC TELEPHONE COMPANY 393-3648.
MISS UTILITY - 1 - 559-0100
 5. FOR ALL STANDARD DETAILS SEE STANDARDS BOUND IN SPECIFICATIONS.
 6. ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE DATUM.
 7. CLEAR ALL UTILITIES BY A MINIMUM OF 6".
 8. BLOCK ALL FITTINGS WITH CONCRETE, SEE STANDARDS BOUND IN SPECIFICATIONS.
 9. ALL WATER MAINS SHALL HAVE A MINIMUM OF 3 1/2' COVER.
 10. ALL WATER MAINS SHALL BE C.I.P., OR D.I.P., UNLESS OTHERWISE NOTED.
 11. ALL VALVES SHALL BE STRAPPED TO TEES WHERE APPLICABLE IN ACCORDANCE WITH THE STANDARD DETAILS.
 12. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED IN ACCORDANCE WITH THE STANDARD DETAILS. SOIL AROUND THE HYDRANTS SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 5-15 OF THE STANDARD SPECIFICATIONS.
 13. PAYMENTS FOR STRAPPING FIRE HYDRANTS AND VALVES WILL BE INCLUDED IN UNIT PRICE BID FOR FURNISHING AND LAYING WATER MAINS.
 14. BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATIONS SHOWN ON THE DRAWINGS.
 15. ALL W.M.C.'S SHALL BE 3/4" DIAMETER UNLESS OTHERWISE NOTED.
 16. WATER SERVICES SHALL BE FOR INSIDE METER SETTINGS.
 17. ALL SEWER MAINS SHALL BE C.S.P.X., V.C.P.X. OR A.C.P. CLASS 2400 UNLESS OTHERWISE NOTED.
 18. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER.
 19. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.

BENCH MARKS

W.R. & A. B.M. #G-179 Elev. 450.50
X-Cut on flange Bolt F.H. on Waterford Dr. 159' ± S. of Int. Old Annapolis Rd.
W.R. & A. B.M. #F-5 Elev. 441.63
R.R. spike in C.P. pole #37 at Intersection Old Annapolis Rd and Dee Jay Drive. (470' ± E. of Int. Waterford Dr.)
H. Co. B.M. #3140003 Elev. 423.98
Concrete Monument Flush 25' ± E. of Centennial Lane Sta. 3+35 ±.
W.R. & A. B.M. #W-2 Elev. 378.43
Galvanized Boat Spike Root 36' Tree. 105' (±) SE of Intersection Font Hill Dr. (Rd. Sta. 35+61 ±) and Grosvenor Drive.



PLAN
Scale: 1"=50'

PROFILES
Scale: Horizontal: 1"=100'
Vertical: 1"=10'

Burleigh Manor Section 4, Area 1
Contract No. 2869D-W/S

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James L. Glick 10-17-79
CHIEF-BUREAU OF UTILITIES - DATE
CHIEF-BUREAU OF ENGINEERING - DATE

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

George F. Nemmey 10-18-79
DIRECTOR OF PUBLIC WORKS - DATE

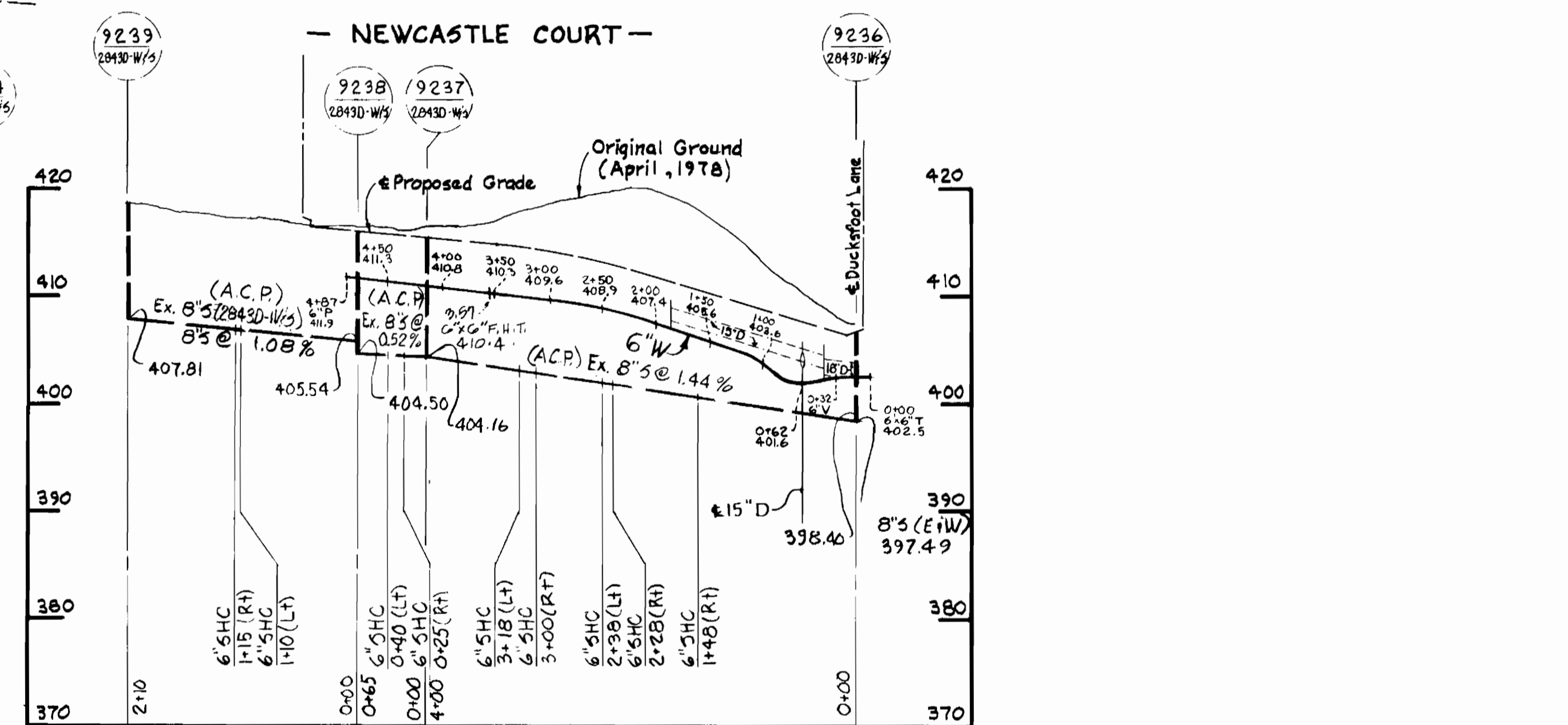
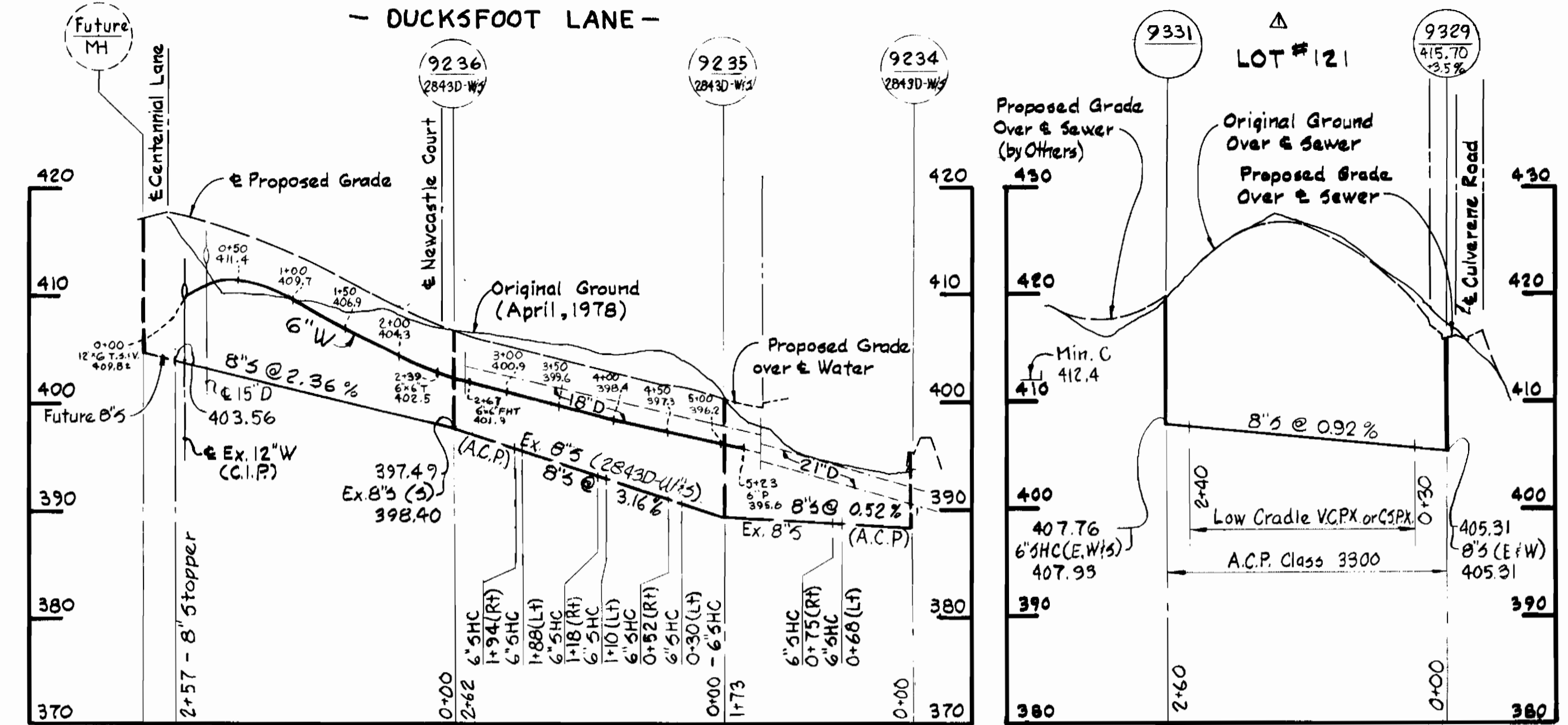
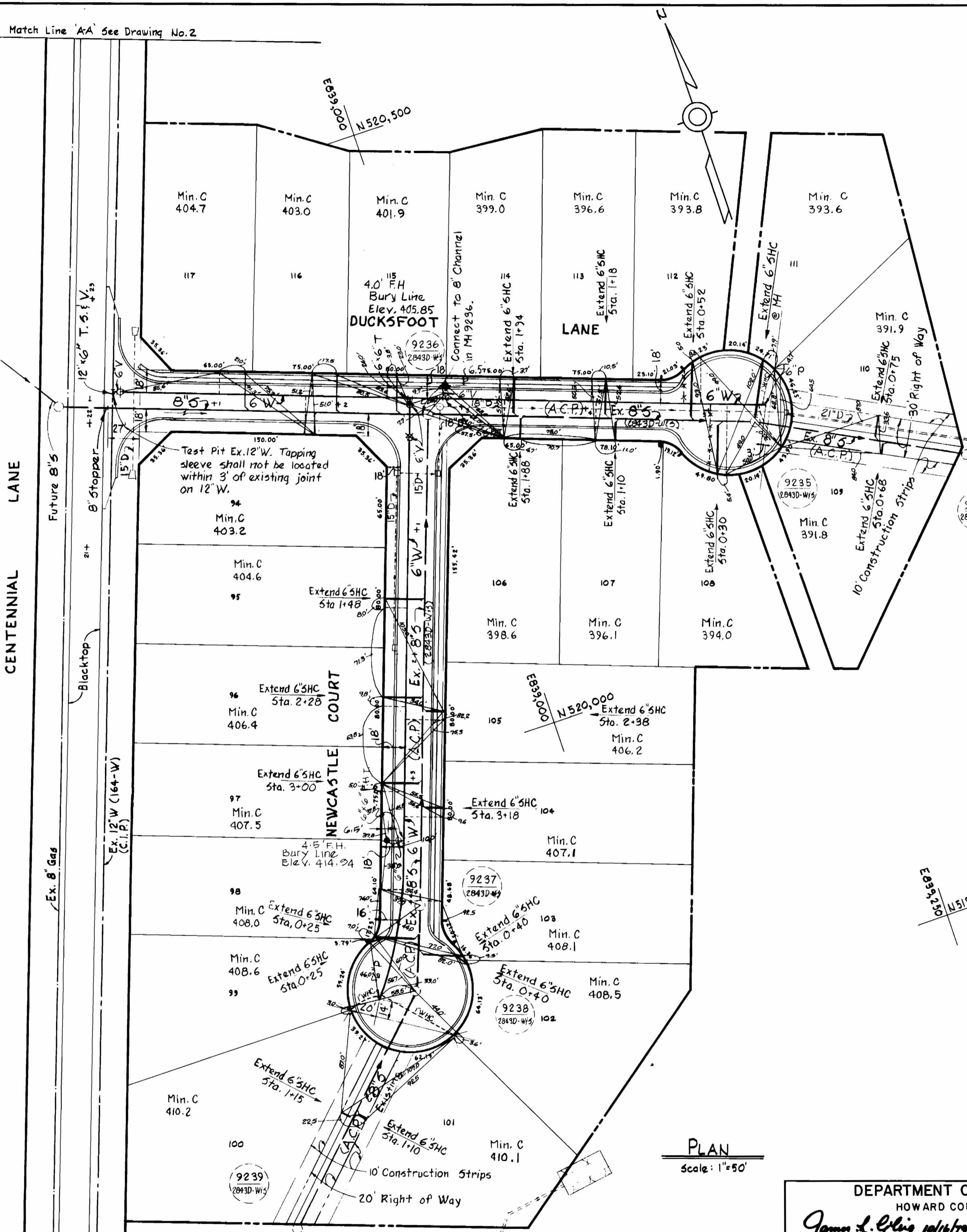
CONTRACT NO. 2869D-W/S

PLAN AND PROFILES OF WATER AND SEWER MAINS

BURLEIGH MANOR ELECTION DISTRICT ELLICOTT CITY NO. 2

DRAWING NO. 2 OF 3 AS SHOWN

Match Line 'AA' See Drawing No. 2



PROFILES
Scale: Horizontal: 1"=100'
Vertical: 1"=10'

PLAN
Scale: 1"=50'

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>James L. Eling</i> 10-17-79 CHIEF-BUREAU OF UTILITIES - DATE CHIEF-BUREAU OF ENGINEERING - DATE		No. 5-28-1980 DATE	6" Sewer Relocated REVISION	Burleigh Manor section 4, Area I Contract No. 2869 D-Wfs
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>James F. Newmyer</i> 10-18-79 DIRECTOR OF PUBLIC WORKS DATE	CONTRACT NO. 2869D-Wfs	PLAN AND PROFILES OF WATER AND SEWER MAINS	BURLEIGH MANOR ELECTION DISTRICT ELLICOTT CITY NO. 2
		DRAWING NO. 3 OF 3	SCALE AS SHOWN	