

TYPE OF BUILDING	Retail
NUMBER OF UNITS	3 Buildable Parcels
NUMBER OF SHC's	4
NUMBER OF WHC's	3
DRAINAGE AREA	Little Patuxent

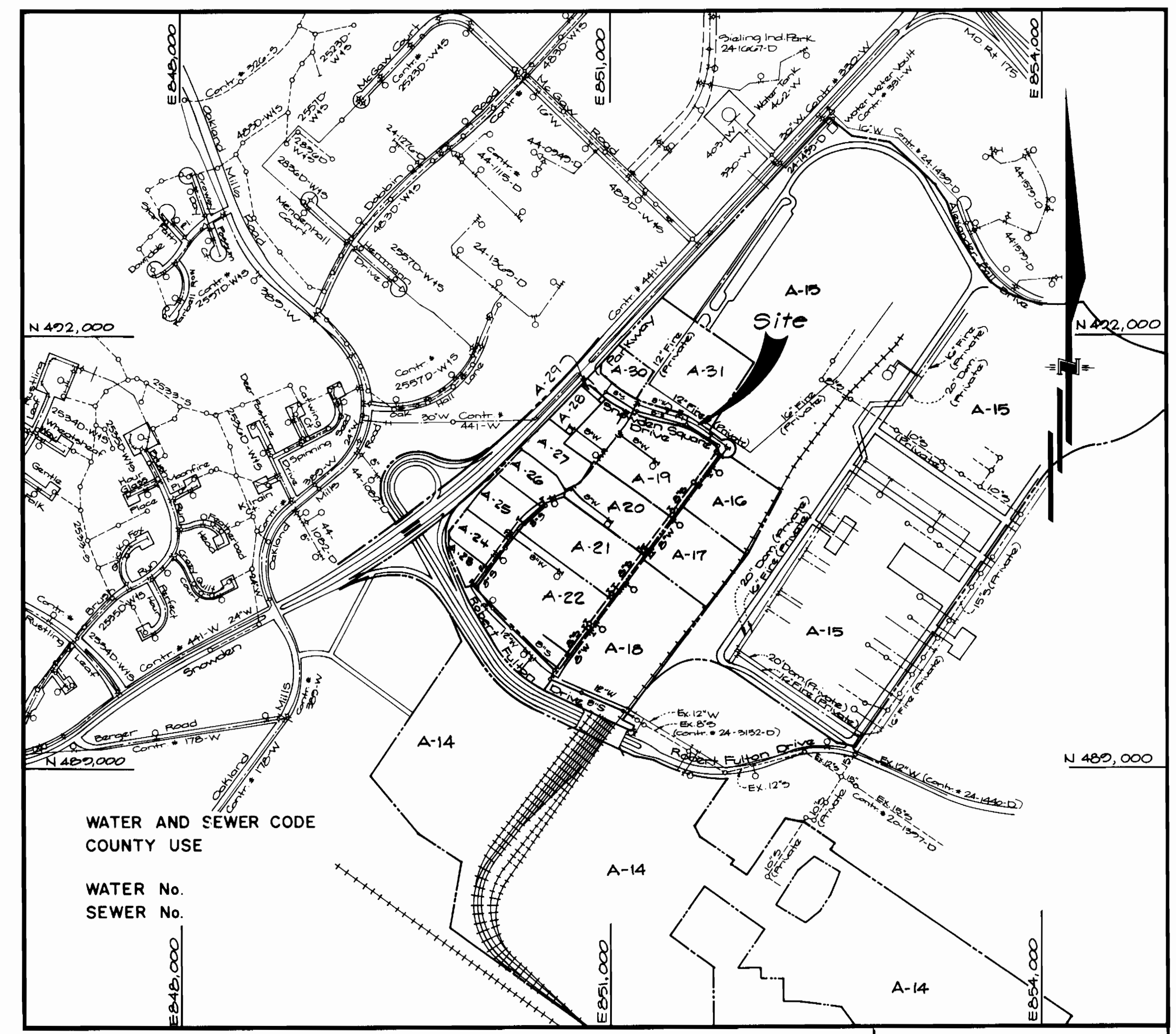
**GENERAL NOTES**

- PART I -**
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 to the satisfaction of the Engineer at the Contractor's expense.
  2. All horizontal controls are based on Maryland State Coordinates.
  3. All vertical controls are based on U.S.G.S. data.
  4. All pipe elevations shown are invert elevations.
  5. Clear all utilities by a minimum of 6". Clear all poles by a 2'-0" minimum or tunnel as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work requires the bracing of additional poles, any cost incurred by the owner for the bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies to schedule the bracing of the poles.
  6. For details not shown on the drawings, and for materials and construction methods, use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction (Latest Edition). The contractor shall have a copy of Volume IV on the job.
  7. Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug, shall be located by the contractor two weeks in advance of construction operations at his own expense.
  8. Contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:

State Highway Administration	531-5533
BG&E Co. Contractor Services	850-4620
BG&E Co. Under Ground Damage Control	787-9068
Miss Utility	1-800-257-7777
Colonial Pipeline Co.	795-1390
Howard County Dept. of Public Works, Bur. of Utilities	313-4900

9. Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the contractor.
  10. Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.
- PART II - WATER**
1. All water mains to be D.I.P. Class S2 unless otherwise noted.
  2. Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
  3. Valves adjacent to tees shall be strapped to tees.
  4. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
  5. Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be buttressed with concrete in accordance with Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.
  6. The contractor shall not operate any water main valves on the existing water system.
  7. All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.

- PART III - SEWER**
1. All sewer mains shall be DIP, RCP, VCPX, CSPX, RCCP and P.V.C. unless otherwise noted.
  2. The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
  3. All manholes shall be 4'-0" inside diameter unless otherwise noted.
  4. Force mains shall be D.I.P. only.
  5. Manholes shown with 12" and 18" walls are for brick manholes only.
  6. Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight manhole frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted on the drawings.
  7. House(s) with the symbol "C.N.S." indicates that the cellar cannot be served.



VICINITY MAP  
SCALE: 1" = 600'

**CONTRACT NO. 24-3186**

**GATEWAY COMMERCE CENTER  
SECTION 2 - PARCELS A-30 & A-31  
HOWARD COUNTY, MARYLAND  
DEPARTMENT OF PUBLIC WORKS**

**Note:** Contractor shall sequence the construction of this contract to avoid any possible conflicts with Sediment Control measures installed under SDP 2-40.

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & with Road Construction Plan SDP 2-40; Drawings 1-13 Sediment & Erosion Control

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.  
Signature: [Signature] DATE: 7/28/92  
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

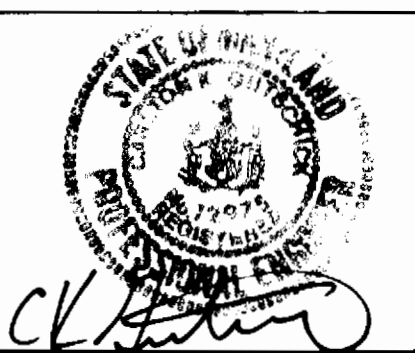
APPROVED: [Signature] DATE: 7/28/92  
HOWARD S.C.D.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

[Signatures and Dates]  
7/30/92  
7-27-92

**GW** GUTSCHICK LITTLE & WEBER, P.A.  
ENGINEERS, PLANNERS, SURVEYORS

1909 NATIONAL DRIVE SUITE 250 HURTONSVILLE OFFICE PARK  
BURTONSVILLE, MD 20886  
1301 421 4024



DES. G.A.H.	
DRN. G.A.H.	
CHK. C.K.G.	
DATE: May 1992	

REVISIONS:  
1. REVISED QUANTITIES & HOUSE CONN. BOXES 5/11/92  
2. REVISED QUANTITIES BOX 7/22/92  
3. REVISED PER FINAL COUNTY COMMENTS 7/22/92

Water & Sewer Construction Plan  
Title Sheet

600 SCALE MAP NO. 42 BLOCK NO. 516

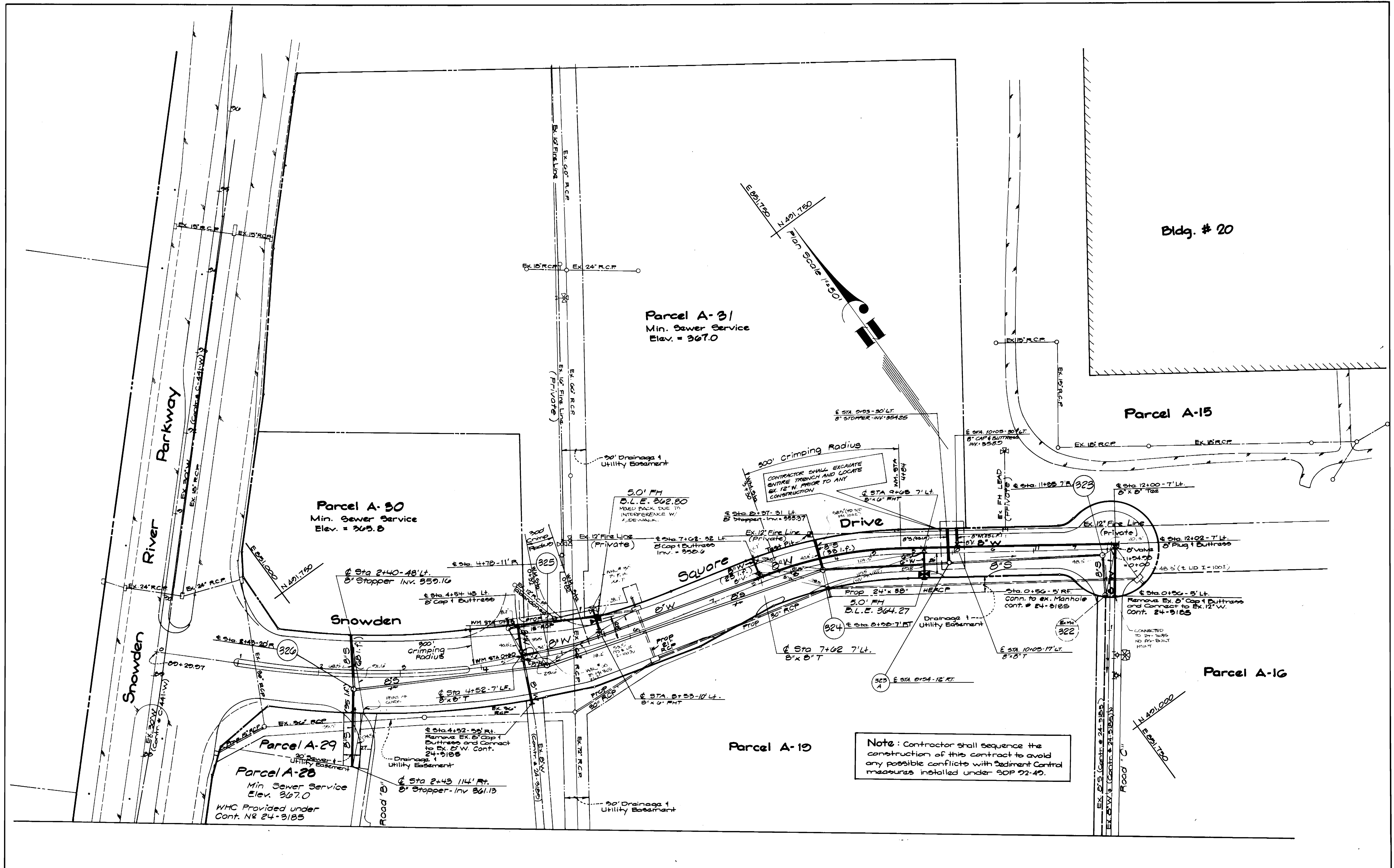
**Gateway Commerce Center**  
Section 2 - PARCELS A-30 & A-31  
(A Resubdivision of Gateway Commerce Center Parcel A-11)  
Sixth Election District Howard County, Maryland  
Contract No. 24-3186

SCALE AS SHOWN  
SHEET 1 OF 2

ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" Sewer	1232 l.f.			
4' Manholes	5 ea.			
8" Water	957 l.f.			
6" Water	51 l.f.			
Fire Hydrant Valve	2 ea.			
8" Valves	5 ea.			
NAME OF UTILITY CONTRACTOR:				

SURVEY AND DRAFTING DIV. CHECKBOX: AS-BUILT DATE:

AS-BUILT



DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

*James P. Lane* 7/30/92  
 DIRECTOR OF PUBLIC WORKS DATE

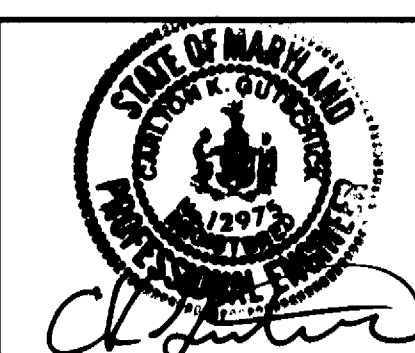
*William S. Reay* 7-20-92  
 CHIEF, BUREAU OF ENGINEERING DATE

*Robert W. Reimer* 7-27-92  
 CHIEF, BUREAU OF UTILITIES DATE

*William S. Reay*  
 CHIEF, LAND DEVELOPMENT DIVISION DATE

**GLW** GUTSCHICK LITTLE & WEBER, P.A.  
 ENGINEERS, PLANNERS, SURVEYORS

2909 NATIONAL DRIVE, SUITE 230, BARTONSVILLE OFFICE PARK  
 BARTONSVILLE, MD. 20838  
 (301) 421-4024



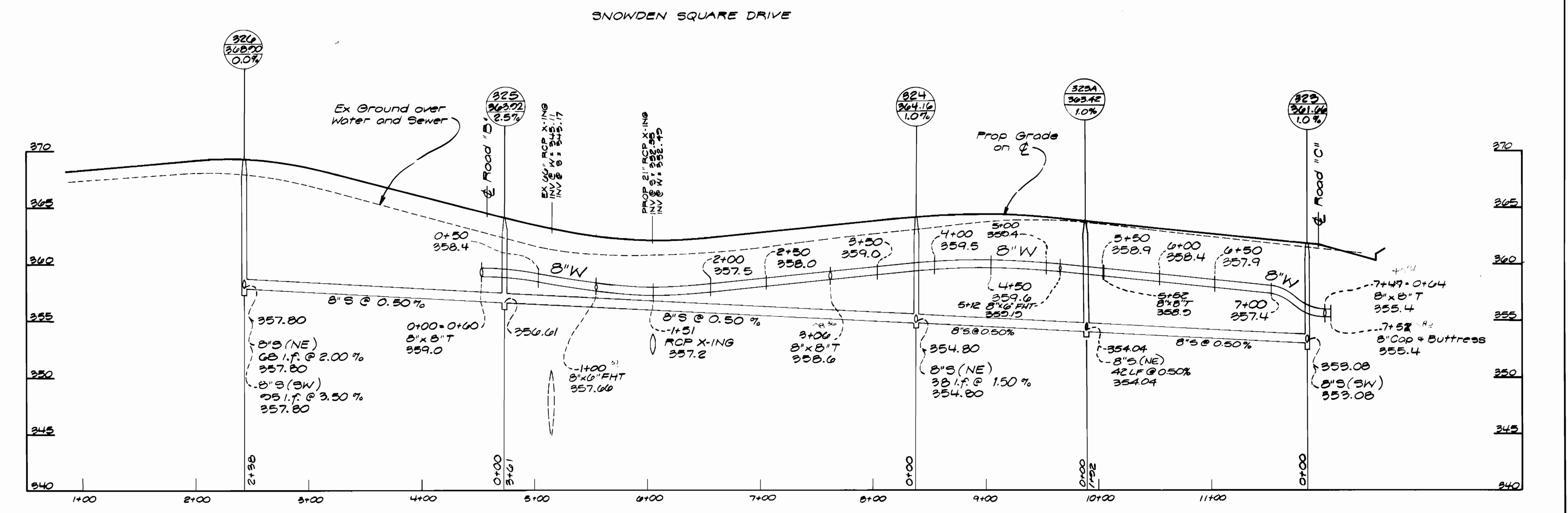
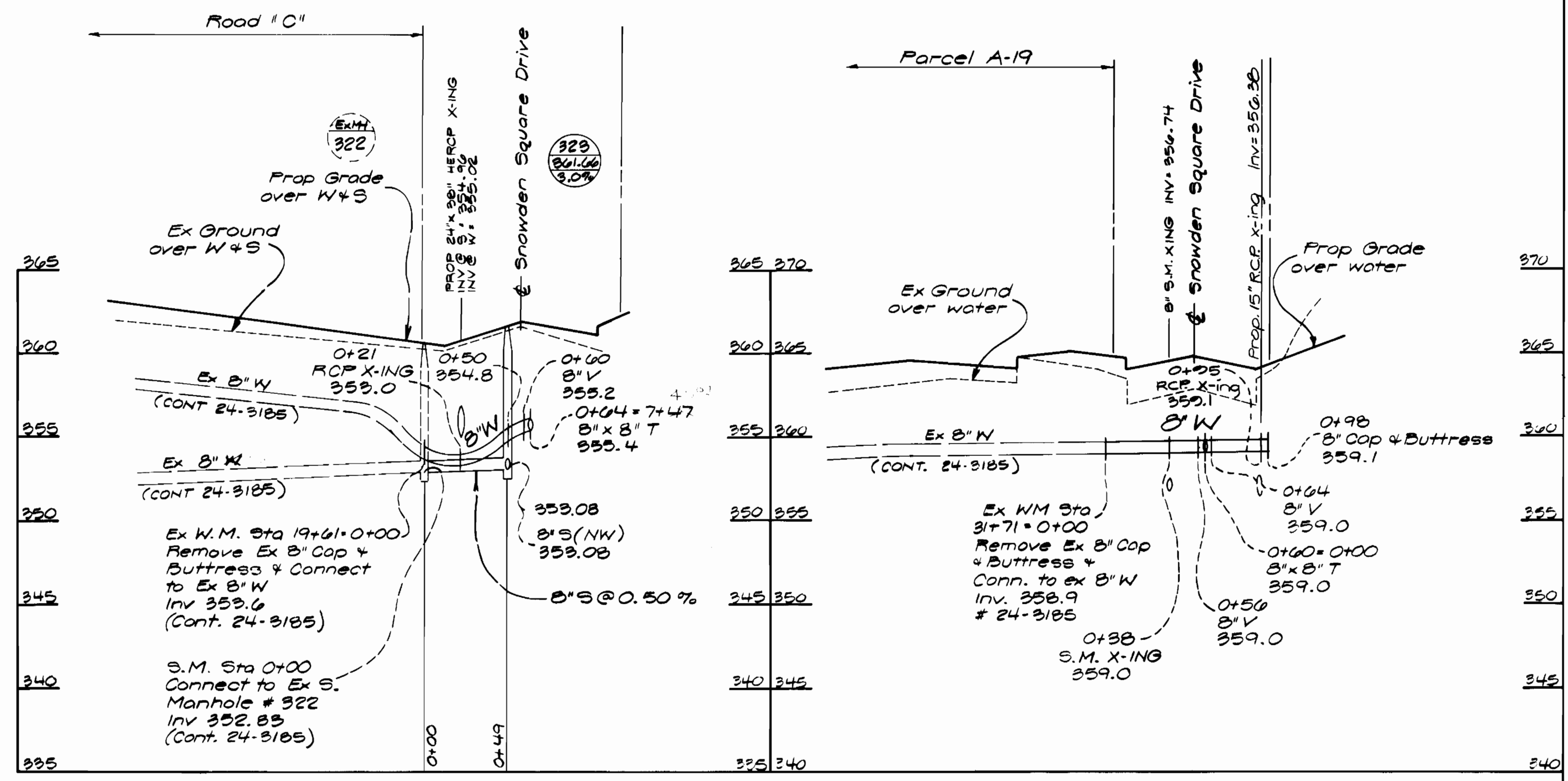
DES: G.A.H.					
DRN: G.A.H.	HK	ADDED WMC & SMC STA 10+00 TO SERVE A-31	5/11/92		
CHK: C.K.G.	GAH	Revised SMC & WMC STA 10+00 to @ Stopper in MDP's	7/22/92		
	GAH	Revised Water & Sewer alignment in RW	7/22/92		
	GAH	Revised per final county comments	7/22/92		
DATE: May 1992	BY NO.	REVISION	DATE	600' SCALE MAP NO. 42	BLOCK NO. 516

Water & Sewer Construction Plan  
 Scale: 1" = 50'

**Gateway Commerce Center**  
 Section 2 - PARCELS A-30 & A-31  
 (A Resubdivision of Gateway Commerce Center Parcels A-11 & A-13)  
 Sixth Election District Howard County, Maryland  
 Contract No: 24-3186

SCALE AS SHOWN  
 SHEET 2 OF 3

AS-BUILT 7-15-93



NOTE: Contractor shall sequence the construction of this contract to avoid any possible conflicts with sediment control measures installed under SDP 92-49.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works: <i>James J. Lee</i> 7-30-92 Chief, Bureau of Engineering: <i>McCaslin &amp; Ryan</i> Chief, Bureau of Utilities: <i>Robert B. DeWitt</i> 7-27-92 Chief, Land Development Div: <i>John J. Hecker</i>		<b>GW GUTSCHICK LITTLE &amp; WEBER, P.A.</b> ENGINEERS, PLANNERS, SURVEYORS 3909 NATIONAL DRIVE, SUITE 230, BURTONTVILLE OFFICE PARK BURTONTVILLE, MD 20886 (301) 421-4024				DES: <i>ASP</i> DRN: <i>ASP</i> CHK: <i>C.K.G.</i> DATE: <i>MAY 1992</i>		WATER and SEWER PROFILES Scale Hor. 1"=50' Vert. 1"=5' 600' SCALE MAP NO. <i>42</i> BLOCK NO. <i>596</i>		<b>GATEWAY COMMERCE CENTER</b> SECTION 2 - PARCELS A-30 & A-31 (A Resubdivision of Gateway Commerce Center) PARCEL A-11 Sixth Election District Howard County, Maryland CONTRACT NO. 24-3106		SCALE AS SHOWN SHEET 2 OF 3
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AS-BUILT 7-15-03