

7.5

Sequence of Construction

- 1. Obtain all necessary permits. (Wetlands Permit No. 23-NT-0235)
2. Install Sediment Control Devices.
3. Obtain approval of Sediment Control Inspector before proceeding with construction.
4. Install 8" Sewer placing excavated dirt on the high side of the trench.
5. Stabilize all disturbed areas.
6. Obtain approval of Sediment Control Inspector before removing Sediment Control Devices.

Note: Contractor shall meet all conditions set forth in the terms of the Wetlands Permit.

Table with 2 columns: TYPE OF BUILDING, NUMBER OF UNITS, NUMBER OF SHC's, NUMBER OF WHC's, DRAINAGE AREA. Values include N/A and Little Patuxent.

GENERAL NOTES

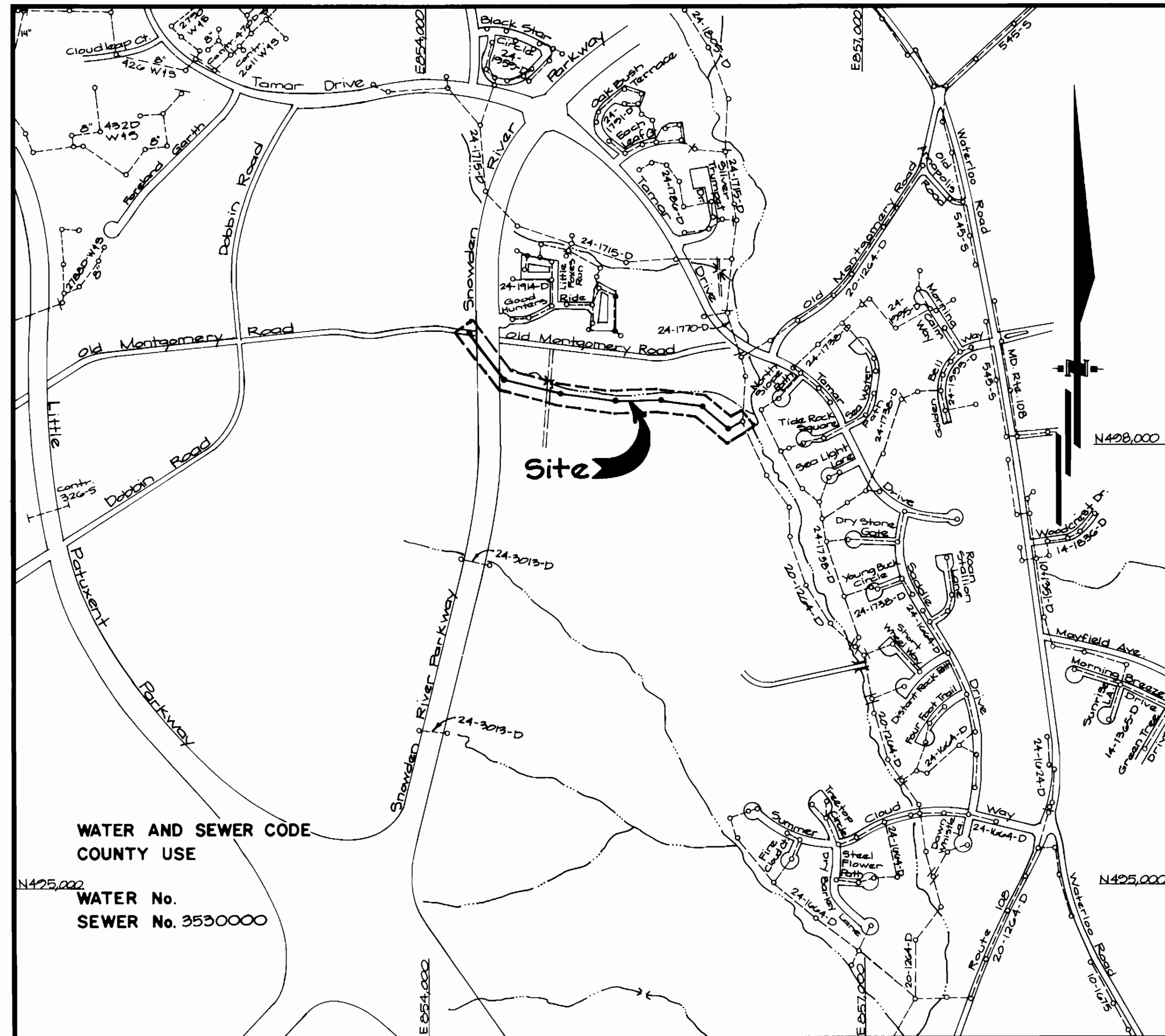
- PART I - 1. Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply.
2. All horizontal controls are based on Maryland State Coordinates.
3. All vertical controls are based on U.S.G.S. 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.

- 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).
7. Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit.

- 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

- PART II - WATER 1. All water mains to be D.I.P. Class 52 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.

- 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 16" 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" = 60'

CONTRACT NO. 20-3255-D
VILLAGE OF LONGREACH
SECTION 4, AREA 3, PHASE 220
SEWER OUTFALL
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

Table with columns: ITEMS, QUANTITIES ESTIMATED, QUANTITIES, AS-BUILT TYPE, MANUFACTURER/SUPPLIER. Includes items like 8" Sewer, 8" D.I.P. Sewer, 4' Manholes, Boring & Jacking.

SEDIMENT CONTROL NOTES
1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction.
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes and perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications B with This Plan. For Sediment Control Details See 1983 Maryland Standards & Specifications for Soil Erosion and Sediment Control Std. SF-1 for Site Fence.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT. 1.
Signature and Date: 9/3/93
U.S. SOIL CONSERVATION SERVICE
APPROVED: Signature and Date: 9/3/93
HOWARD S.C.D.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Director of Public Works: Signature and Date: 9/8/93
Chief, Bureau of Engineering: Signature and Date: 9/8/93
Chief, Bureau of Utilities: Signature and Date: 9/8/93
Chief, Land Development Div: Signature and Date: 9/8/93

GUTSCHICK LITTLE & WEBER, P.A.
ENGINEERS, PLANNERS, SURVEYORS
3908 NATIONAL DRIVE SUITE 200 BURTONSVILLE OFFICE PARK
BURTONSVILLE, MD 20886
(301) 421-4024

DES: GAH
DRN: GAH
CHK: CKG
DATE: Apr. 1993
BY: NO.
Rev. Quantities Box
Added Wetlands Permit No. and Note to Construction Sequence & Added Site Analysis/HSCD
Added Boring & Jacking
Revised per HSCD Comments
Added STUBS &
Revised per County comments

Sewer Outfall
Plan & Profile
Scale: As Shown
600 SCALE MAP NO. 27 BLOCK NO. 7

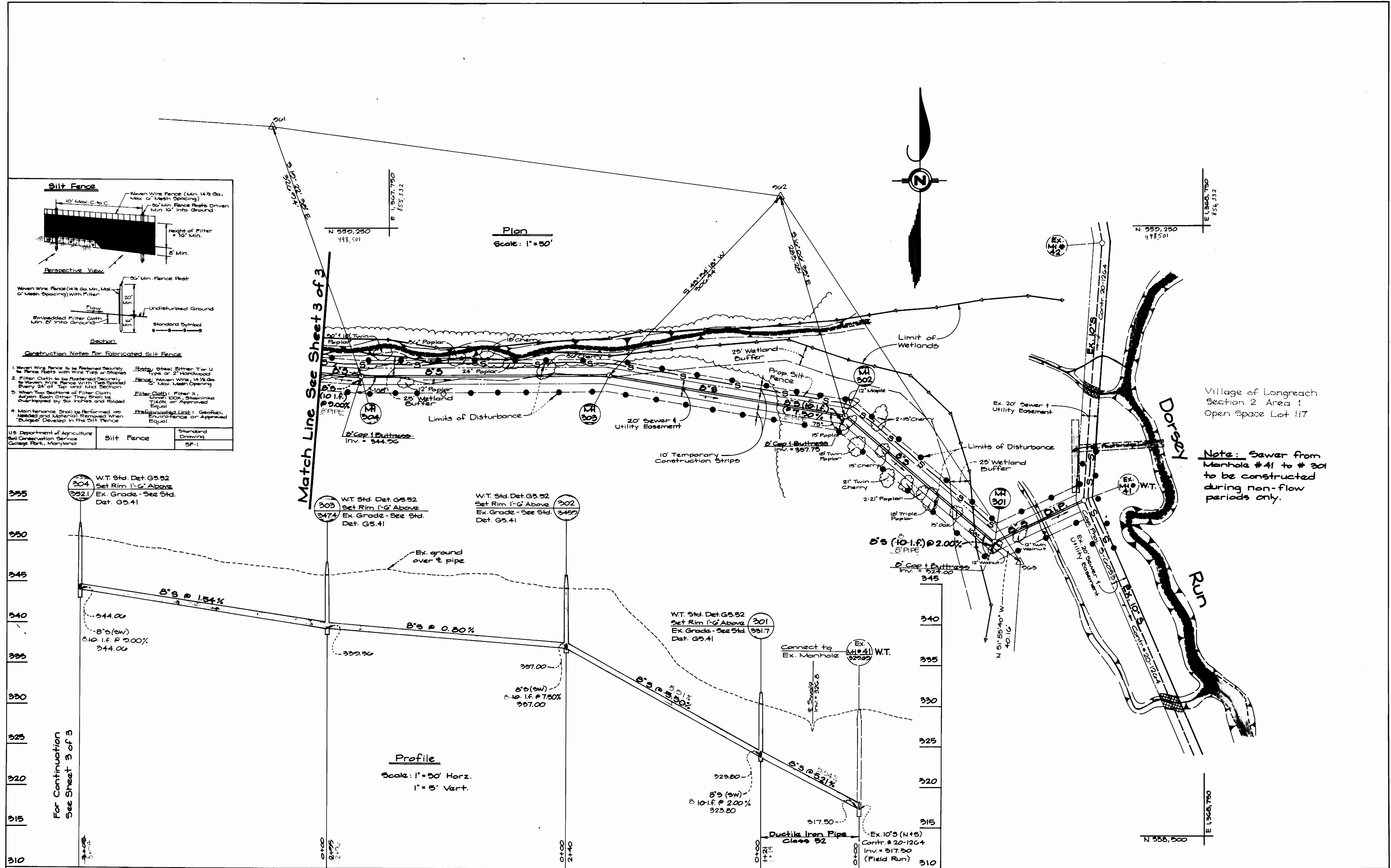
Village of Longreach
Section 4, Area 3, Phase 220
Parcel 50
Sixth Election District Howard County, Maryland
Contract No: 20-3255-D
SCALE AS SHOWN
SHEET 1 OF 3

V.L.R. 4/3

3255-D 11

W/S

V.L.R. 4/3
 3255-D 12
 1175



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James J. Lewis 2/5/93
 DIRECTOR OF PUBLIC WORKS DATE
Robert Benney 2/6/93
 CHIEF, BUREAU OF UTILITIES DATE

Robert Benney 2/5/93
 CHIEF, BUREAU OF UTILITIES DATE
John J. McQuinn 2/6/93
 CHIEF, LAND DEVELOPMENT DIV. DATE

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

3008 NATIONAL DRIVE, SUITE 200, BURTOWNSVILLE OFFICE PARK
 BURTOWNSVILLE, MD. 20868
 (301) 421-4024

DES:	GAH				
DRN:	GAH				
CHK:	CKG	GAH	Revised Per HSCD Comments	7/1/92	
DATE:	APR 1992	GAH	Added Stubs	7/1/92	
BY:	NO.	NO.	REVISION	DATE	

Sewer Outfall
 Plan & Profile
 Scale: As Shown

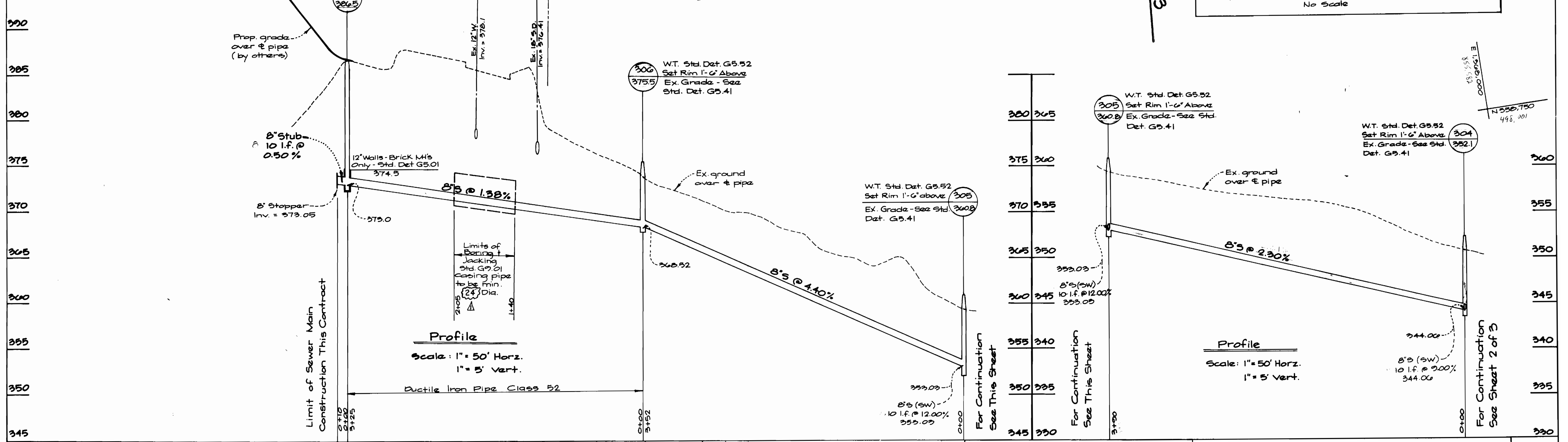
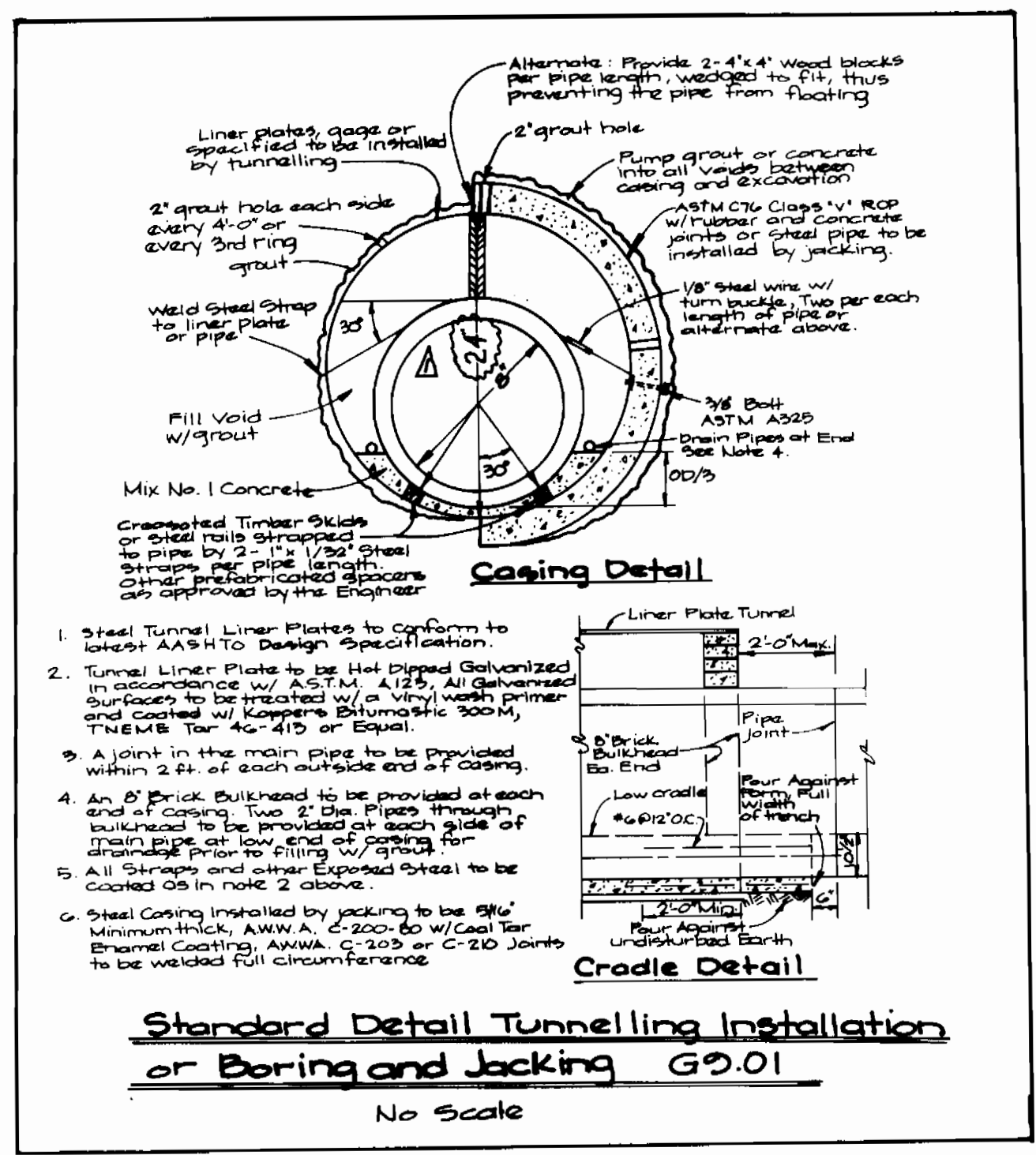
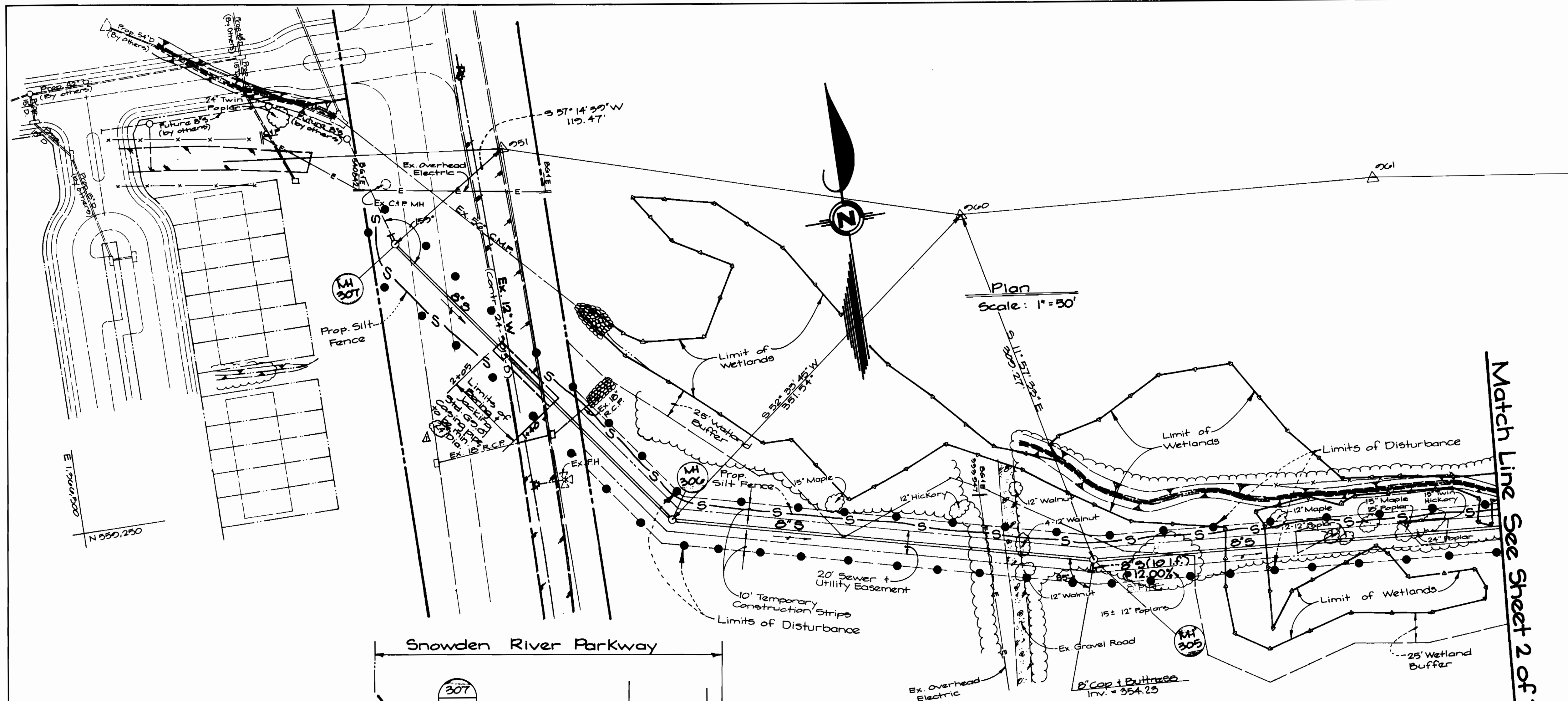
600' SCALE MAP NO. 27 BLOCK NO. 7

Village of Longreach
 Section 4, Area 3, Phase 220
 Parcel 50
 Sixth Election District Howard County, Maryland
 Contract No: 20-3255-D

SCALE AS SHOWN
 SHEET 2 OF 3

AS-BUILT 10/1/94

V.L.F. 7/3
D.5525
S/M



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DATE: 2/8/93
DATE: 8-31-93

GHW GUTSCHICK LITTLE & WEBER, P.A.
ENGINEERS, PLANNERS, SURVEYORS
3909 NATIONAL DRIVE SUITE 250 BURTONTVILLE OFFICE PARK
BURTONTVILLE, MD 20866
(301) 421-4024



DES: GAH	MRC	CHANGE CASING PIPE FROM 44" TO 24"	7/22/93
DRN: GAH	GAH	Add D.I.P. sewer MH box - MH 307	8/27/93
		Add Boring & Jacking Detail	8/12/93
CHK: CKG	GAH	Added Boring & Jacking	8/4/93
	GAH	Revised per H&SD comments	7/1/93
DATE: Apr. 1993	BY: NO.	REVISION	DATE

Sewer Outfall
Plan & Profile
Scale: As Shown
600' SCALE MAP NO. 37 BLOCK NO. 7

Village of Longreach
Section 4, Area 3, Phase 220
Parcel 50
Sixth Election District Howard County, Maryland
Contract No: 20-3255-D
SCALE AS SHOWN
SHEET 3 OF 3