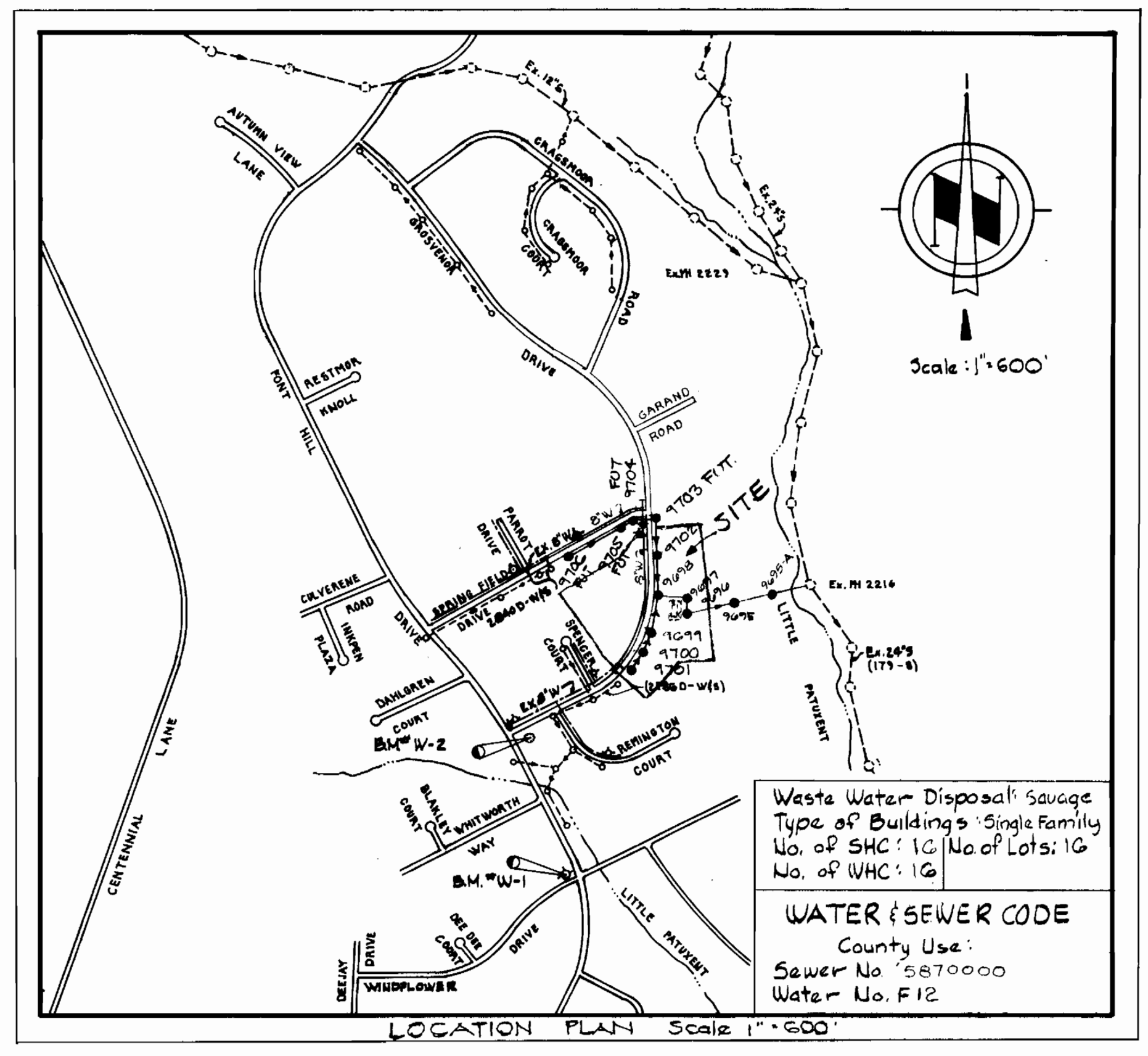
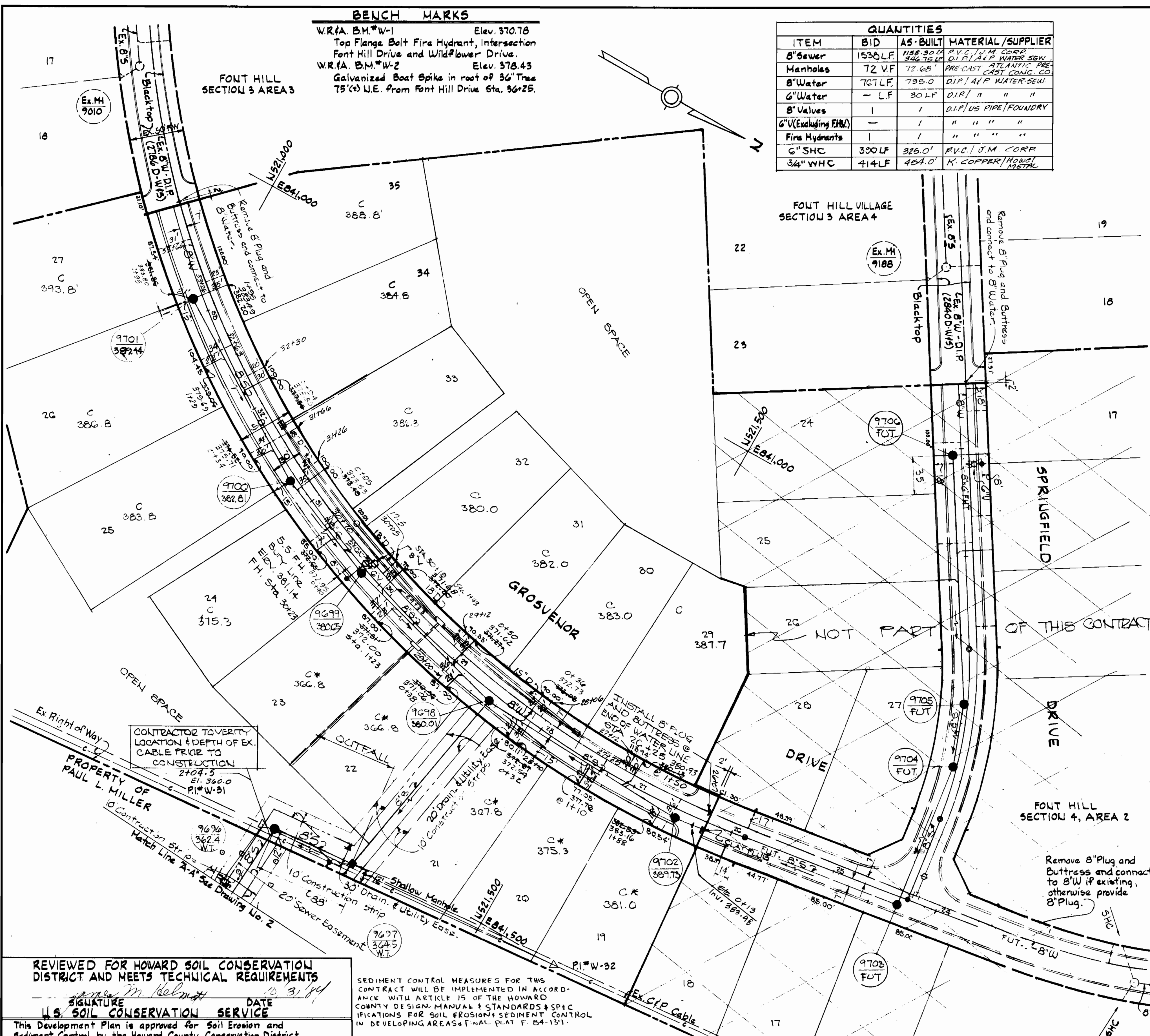


BENCH MARKS
 W.R.#A. B.M.#W-1 Elev. 370.78
 Top Flange Bolt Fire Hydrant, Intersection
 Font Hill Drive and Wildflower Drive.
 W.R.#A. B.M.#W-2 Elev. 378.43
 Galvanized Boat Spike in root of 36" Tree
 75' (±) N.E. from Font Hill Drive Sta. 36+25.

ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
8" Sewer	1530 LF	1158.30 LF	P.V.C. / J.M. CORP
Manholes	72 VF	72.68	PRE-CAST ATLANTIC PIPE
8" Water	707 LF	795.0	D.I.P. / J.P. WATER-SEW
6" Water	- LF	30 LF	D.I.P. / " "
8" Valves	1	1	D.I.P. / US PIPE / FOUNDRY
6" V (Excluding F.H.V.)	-	1	" " " "
Fire Hydrants	1	1	" " " "
6" SHC	300 LF	326.0'	P.V.C. / J.M. CORP
3/4" WHC	414 LF	454.0	K. COPPER / HONOLULU METAL



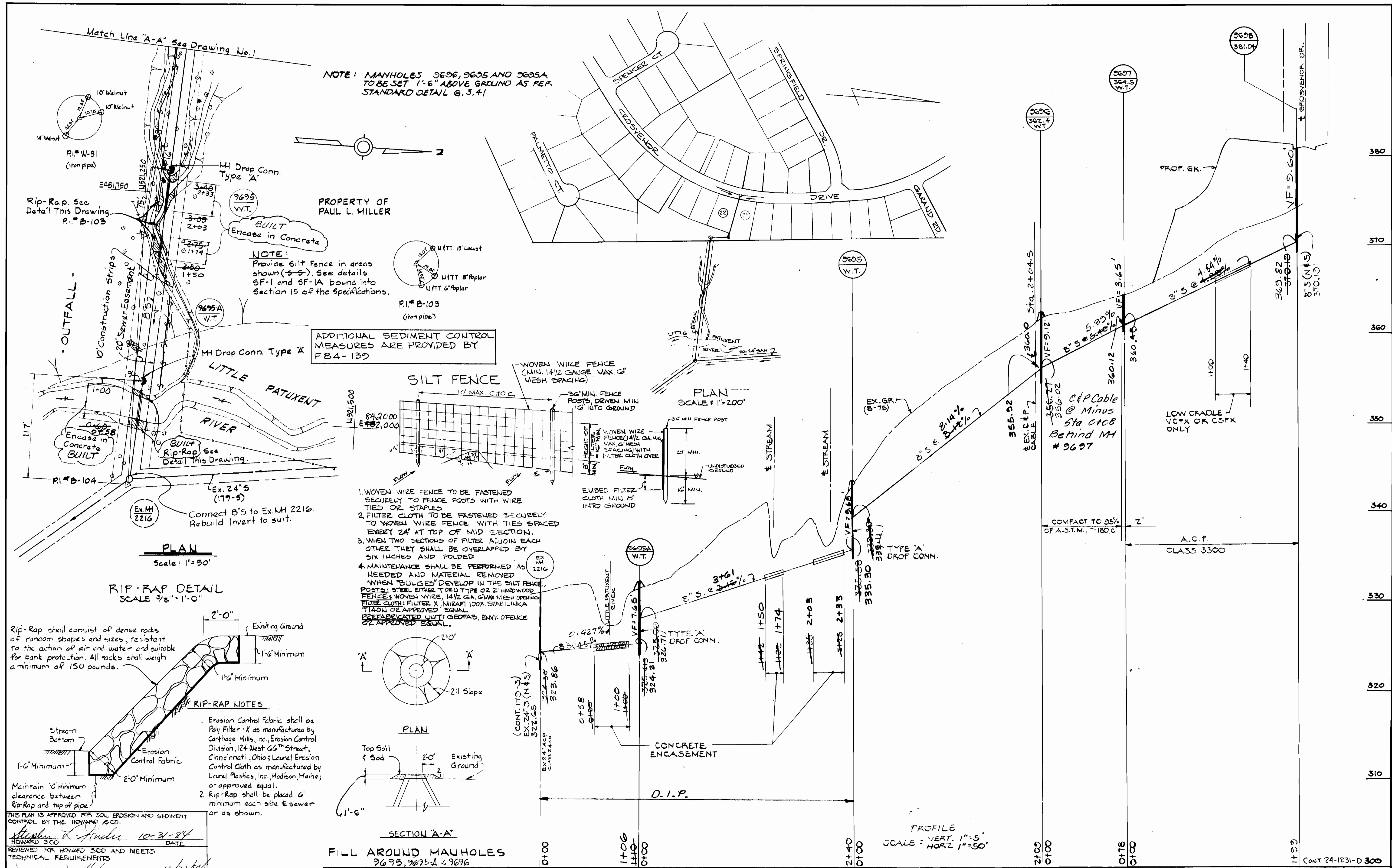
- GENERAL NOTES**
- Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately at the contractor's expense.
 - All pipe elevations shown are invert elevations.
 - The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
 - The Contractor shall notify the following utilities or agencies at least five days before starting work on these plans.
 State Highway Administration 531-5533
 Baltimore Gas & Electric Co. - Contractors Service 561-2585
 " " " " - Underground Damage Control 234-5621
 " " " " - Trouble Shooting - 298-5013
 Miss Utility 1-555-0100
 Colonial Pipeline Co. 705-1300
 Bureau of Utilities, Howard Co. Dept. of Public Works 992-2366
 - For all standard details see standards bound in Specifications.
 - All horizontal and vertical controls are based on Maryland State Datum.
 - Clear all utilities by a minimum of 8".
 - Block all fittings with concrete, see standards bound in Specifications.
 - All water mains shall have a minimum of 3' cover.
 - All water mains shall be C.I.P., or D.I.P. unless otherwise noted.
 - All valves shall be strapped to trees where applicable in accordance with the standard details.
 - All fire hydrants shall be strapped & buttressed with concrete in accordance with Standard Details. Soil around fire hydrants shall be compacted in accordance with Section 1003 the Standard Specifications.
 - Payment for strapping fire hydrants and valves will be included in unit price bid for furnishing and laying water mains.
 - Bury line elevations on fire hydrants shall be set to the elevation shown on the drawings.
 - All W.H.C.'s shall be 3/4" diameter unless otherwise noted.
 - Water services shall be for inside meter settings.
 - All sewer mains shall be C.S.P.X., V.C.P.X., R.C.S.P., A.C.P. Class 2400 or P.V.C. unless otherwise noted.
 - All manholes shall be 4'-0" inside diameter.
 - The Contractor shall provide a joint in all sewer mains with in 2'-0" of exterior manhole walls.
 - Trees are to be protected from damage to maximum extent. Trees located within the construction strip are not to be removed or damaged by the Contractor.
 - All water house connections shall be for an inside meter setting.
 - For all copper water house connections, utilize flared type fittings only.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 SIGNATURE: *[Signature]* DATE: 10/31/84
 U.S. SOIL CONSERVATION SERVICE
 This Development Plan is approved for Soil Erosion and Sediment Control by the Howard County Conservation District.
 APPROVED: *[Signature]* DATE: 10-30-84
 HOWARD S.C.D.
 DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
[Signature] DATE: 11-5-84
 CHIEF BUREAU OF UTILITIES

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE HOWARD COUNTY DESIGN MANUAL & STANDARDS & SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL IN DEVELOPING AREAS. FINAL PLAN F-54-151.
PLAN
 Scale: 1"=50'
HUDKINS ASSOCIATES INC.
 200 EAST JOPPA ROAD
 ROOM 101, SHELL BUILDING
 TOWSON, MARYLAND 21204

DES. SLB					
DRN. SLB					
CHK. DB					
DATE 1-13-84	BY	NO	REVISION	DATE	

WATER & SEWER PLAN & PROFILE
 AS-BUILT
 SECTION 4 AREA 1
 FONT HILL VILLAGE
 SECOND ELECTION DISTRICT
 HOWARD COUNTY MARYLAND
 CONTRACT NO. 24-1231-D
 SCALE AS SHOWN
 SHEET 1 OF 3
 AS-BUILT 5-7-87



1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP OF MID SECTION.
3. WHEN TWO SECTIONS OF FILTER ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. POSTS: STEEL EITHER 1" OR 2" HARDWOOD FENCE: WOVEN WIRE, 1 1/2 GA. 6" X 6" MESH OR APPROVED EQUAL. FILTER CLOTH: FILTER X, MIRAFI 100X STABILINKA TITAN OR APPROVED EQUAL. PREFABRICATED UNIT: GEOFAB, BUNK OFENCE OR APPROVED EQUAL.

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SCD.

Reviewed for HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

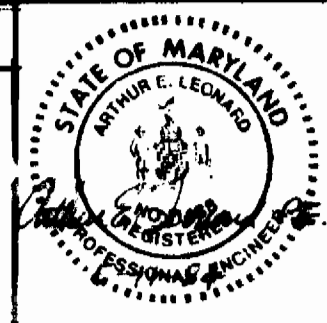
James M. [Signature] 11/16/84
 DIRECTOR, DEPT. OF PUBLIC WORKS DATE

Robert M. [Signature] 11/28/84
 CHIEF - BUREAU OF UTILITIES DATE

James M. [Signature] 11/16/84
 CHIEF - BUREAU OF ENGINEERING DATE

Robert M. [Signature] 11/28/84
 CHIEF - DIVISION OF LAND DEVELOPMENT DATE

HUDKINS ASSOCIATES INC.
 200 EAST JOPPA ROAD
 ROOM 101, SHELL BUILDING
 TOWSON, MARYLAND 21284



DES: DB	
DRN: DB	
CHK: YM	
DATE: 1-13-84	BY NO. REVISION DATE

WATER & SEWER PLAN & PROFILE

ASBUILT

SECTION 4 AREA 1
FONT HILL VILLAGE
 SECOND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 CONTRACT NO. 24-1231-D

SCALE AS SHOWN
 SHEET 2 OF 3

