

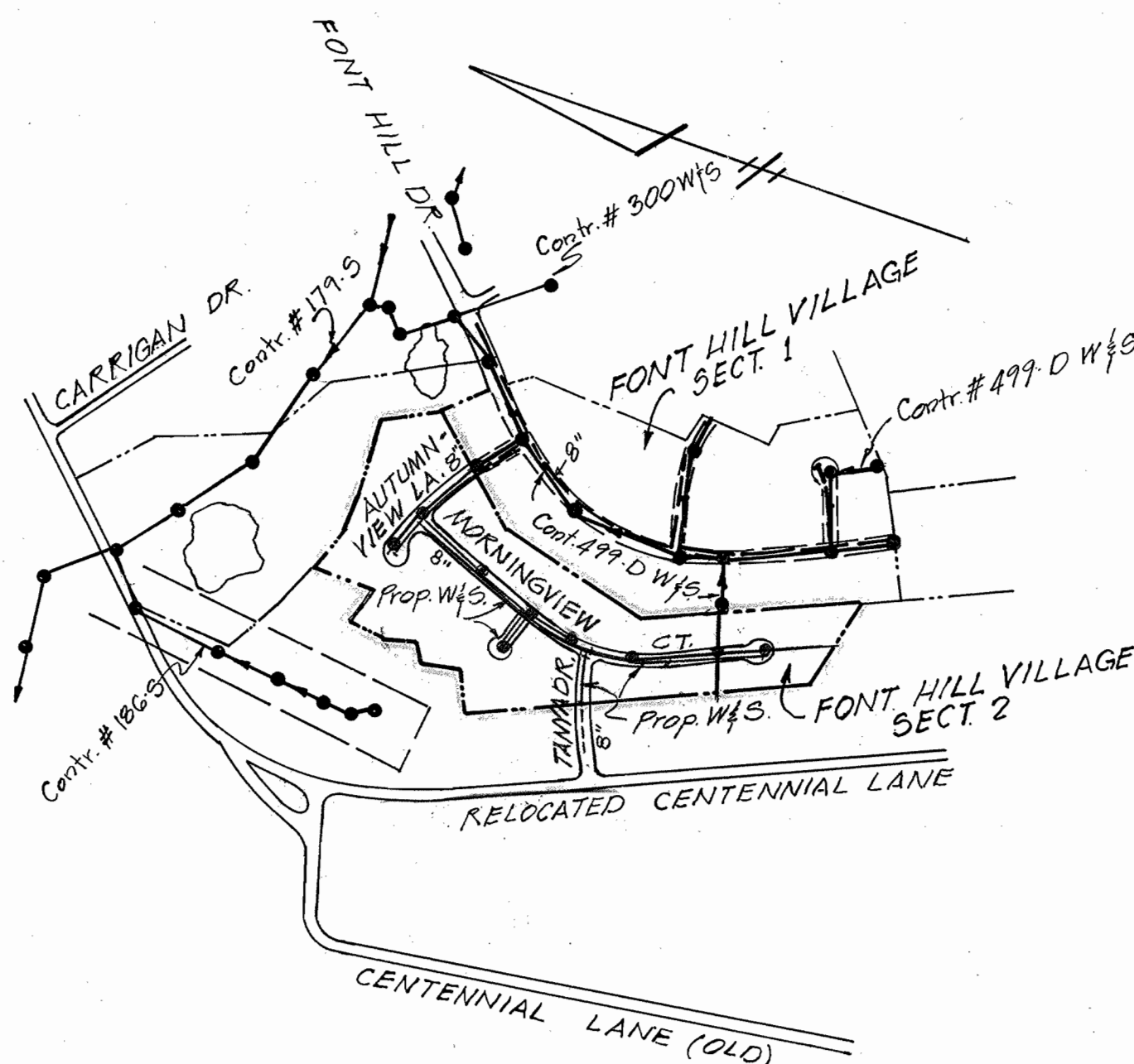
VICINITY MAP  
SCALE 1" = 1/2 MILE

**GENERAL NOTES**

- Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and service connections and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.A.S. Datum.
- All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6". Clear all poles 2'-0" minimum or tunnel as required.
- For all standard details see standards bound in specifications.
- Contractor shall locate existing utilities in advance of construction operations in the vicinity of proposed utilities.
- Contractor shall notify the following utilities or agencies at least five (5) days before starting work shown on these plans:
  - State Highway Administration - 531-5533
  - Baltimore Gas and Electric Co. - Underground Electric Distribution Engineering - "Damage Control" 234-5691
  - Baltimore Gas and Electric Co. - Underground Gas Distribution Engineering - 559-0100
  - Chesapeake and Potomac Telephone Co. - 725-9976
  - American Telephone and Telegraph - Cable Location Division - 393-3553
  - Colonial Pipeline Company - 781-4641
- 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.
- At least two permanent bench marks, location and elevation to be noted.
- Contractor shall remove trees, stumps and roots along line of excavation as directed by the Engineer. Payment for such removal shall be included in the unit price bid for excavation and backfill for water and sewer mains.
- Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manual of Traffic Control for Highway Construction and Maintenance Operations.
- All Manholes shall be 4'-0" inside diameter, unless otherwise noted.
- Watermain to be CIP, DIP or ACP unless otherwise noted.
- All valves shall be strapped to tees in accordance with standard details.
- Block all fittings with concrete, see standard bounds in specifications.
- Bury line elevations on F.H. shall be set to the elevations shown on the drawing. All F.H. shall be strapped and buttressed with concrete in accordance with standard details.

QUANTITIES	
ITEM	AMOUNT
8" WATER	639 L.F. 1312.70 L.F. $\Delta$
6" WATER	1492 L.F. 276.77 L.F.
8" SEWER	2320 L.F. 2233.07 L.F.
F.H.'S	4

SCALE 1" = 100'



EXISTING & PROPOSED  
WATER AND SEWER MAP  
SCALE: 1" = 600'

THE LOTS OR PARCELS SHOWN ON THIS PLAT ARE SUBJECT TO THE SUPPLEMENTAL SEWER-IN-AID OF CONSTRUCTION CHARGE CREATED BY SEC. 20-311A OF THE HOWARD CO CODE AND TO EXECUTIVE ORDER NO. 72A

\* Lowest Elev. of unit not established.  $\Delta$   
Inv. of S.H.C. will be considered by builder

LOWEST BASEMENT ELEVATION EACH LOT*			
LOT NO	LOW ELEV.	LOT NO	LOW ELEV.
1	378.00	17	424.00
2	382.50	18	426.00
3	378.00	19	423.00
4	390.67	20	422.50
5	393.50	21	423.00
6	401.30	22	422.00
7	404.00	23	418.00
8	401.00	24	420.00
9	414.00	25	427.00
10	415.00	26	422.00
11	415.00	27	421.00
12	422.50	28	417.50
13	440.00	29	405.50
14	437.00	30	402.50
15	445.00	31	405.50
16	424.42		

\*SEWER HOUSE CONN.'S. COMPUTED ON A 2% GRADE

Rev. 3-11-75  
Rev. 10-22-74  
10-22-73

Francis D. Light  
FRANCIS D. LIGHT  
MD. PE. No. 7617

DATE

REV. NO.	REV. DATE	REVISION DESCRIPTION
1	11-25-75	REVISED S.H.C. LOCATION BY BUILDERS REQUEST
2	2-17-76	AS BUILT DWGS

**RICHARD P. BROWNE ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS ARCHITECTS  
COLUMBIA, MD.  
PEACHTREE CITY, GA.  
WAYNE, N. J.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
3-21-75  
W.O. Libert  
CHIEF ENGINEER

CONTRACT NO. 537-D W&S

PLAN OF  
WATER & SEWER MAINS

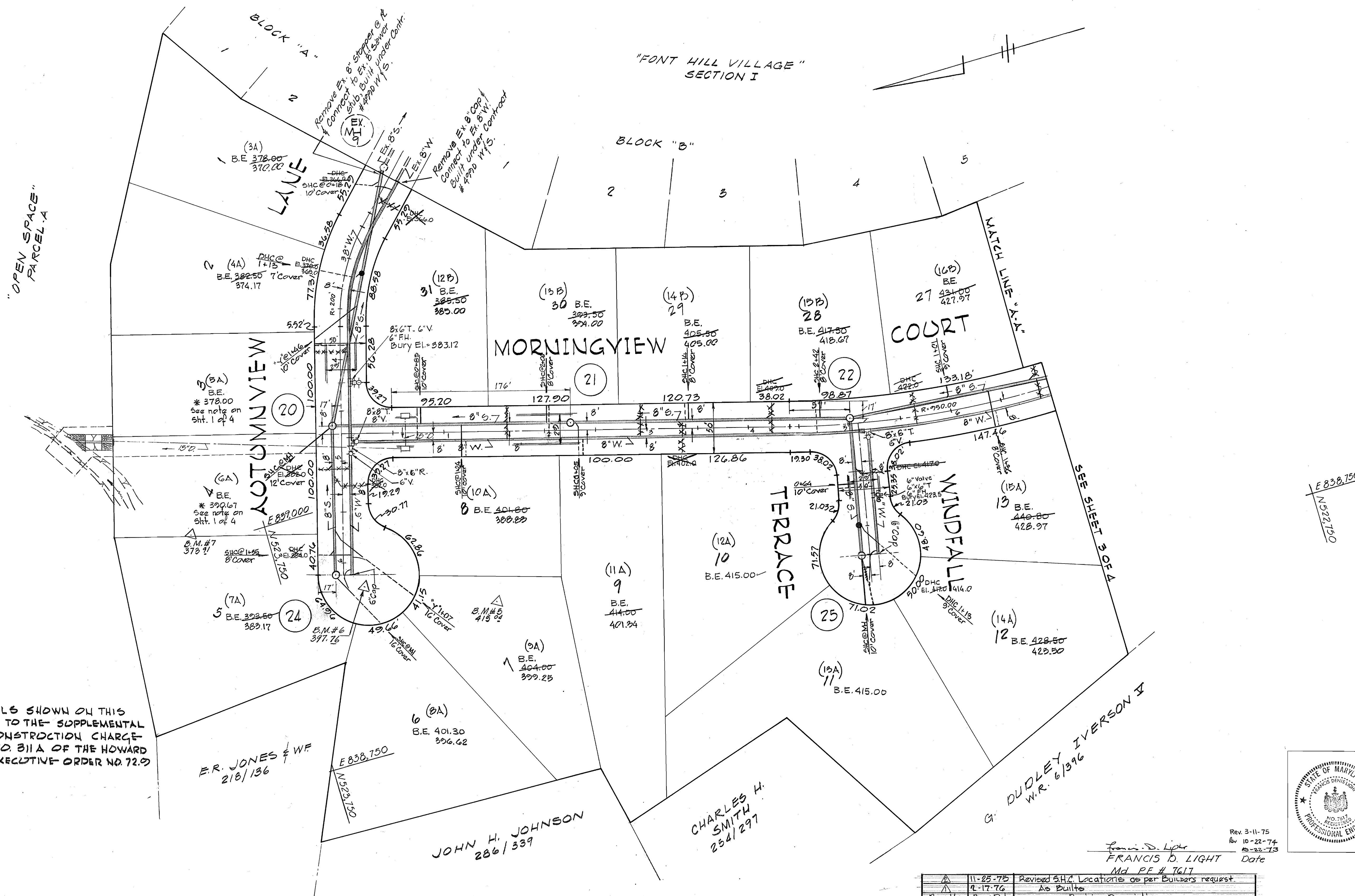
FONT HILL VILLAGE  
SECTION NO. 2  
2 ND. ELECTION DIST. HOWARD CO. MD.

DRAWING NO. 1 OF 4  
SCALE 1" = 50'

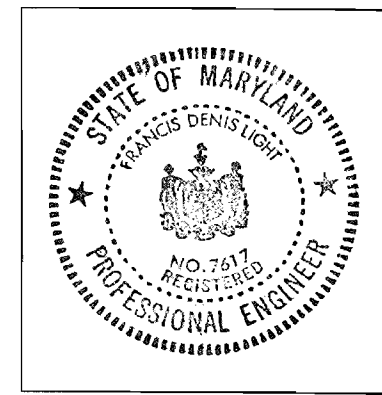
DES. W.H.N.  
DRWN. J.J.B.  
CHK. J.E.C.P.  
DATE: 11/10/72

WS 539 W&S/1

△ B.M. Top F.H.  
367.620  
(ONLY B.M. AVAILABLE FOR STAKEOUT)



THE LOTS OR PARCELS SHOWN ON THIS PLAT ARE SUBJECT TO THE SUPPLEMENTAL SEWER-IN-AID OF CONSTRUCTION CHARGE CREATED BY SEC. 20.311A OF THE HOWARD CO. CODE AND TO EXECUTIVE ORDER NO. 72.9



Francis D. Light  
FRANCIS D. LIGHT  
Md. P.E. # 1617  
Date

Rev. No.	Rev. Date	Revision Description
1	11-25-75	Revised S.H.C. Locations as per Builders request
2	2-17-76	As Built

**RICHARD P. BROWNE ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS ARCHITECTS  
COLUMBIA, MD.  
PEACHTREE CITY, GA.  
WAYNE, N. J.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
3-21-75  
DATE  
W. O. Albert  
CHIEF ENGINEER

CONTRACT NO. 539-D W&S

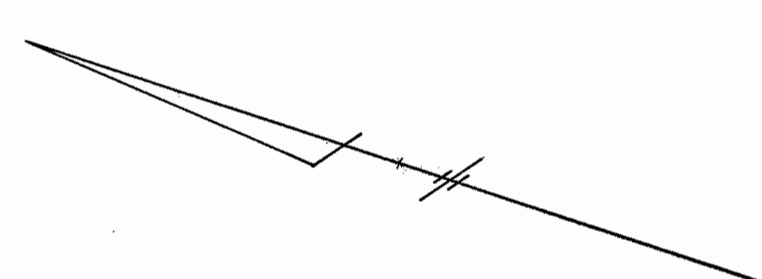
PLAN OF WATER & SEWER MAINS

FONT HILL VILLAGE SECTION NO. 2  
2 ND. ELECTION DIST. HOWARD CO. MD.

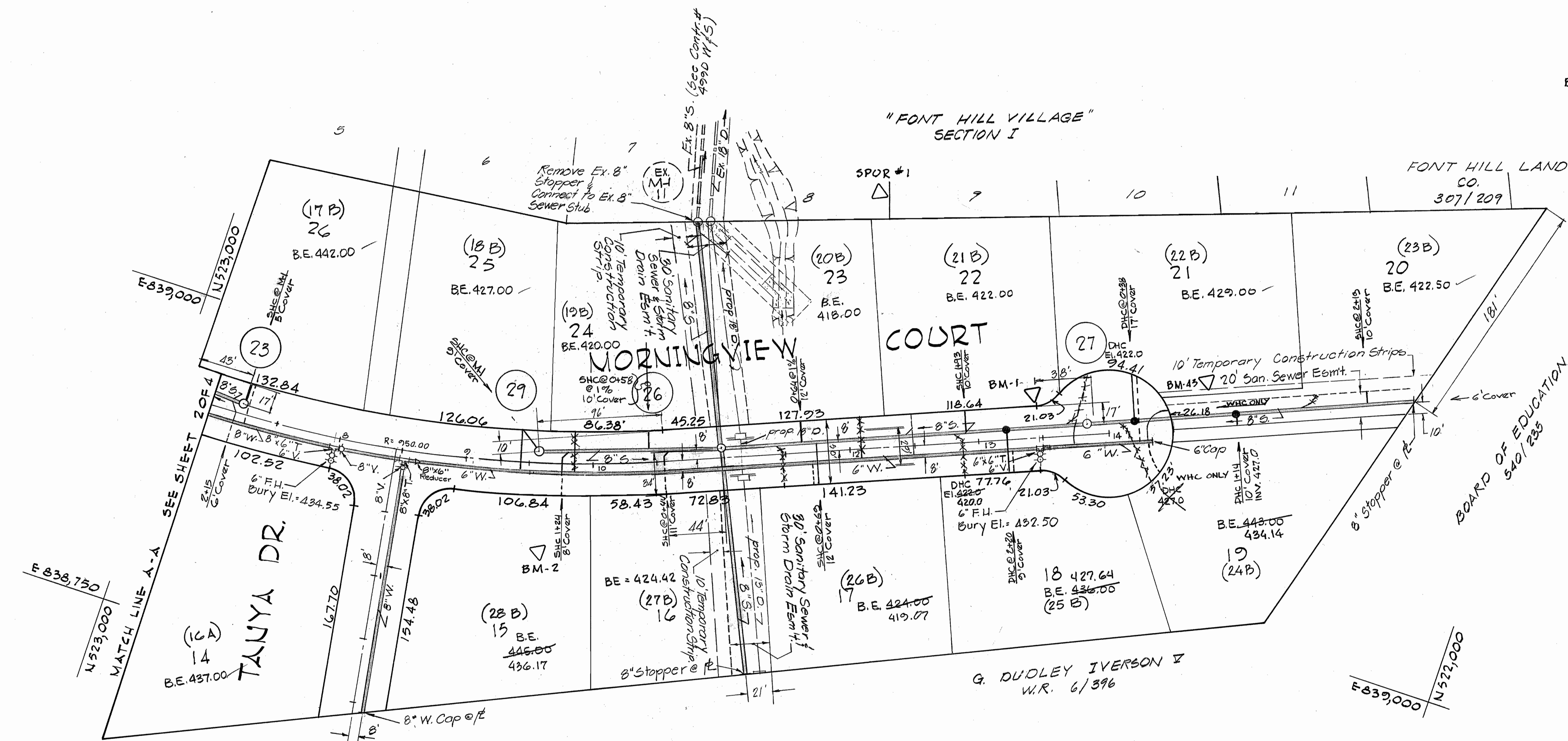
DRAWING NO. 2 OF 4  
SCALE 1" = 50'  
DES: W.H.N.  
DRWN: W.H.N.  
CHK: J.E.C.P.  
DATE: 11/07/72

AS BUILT

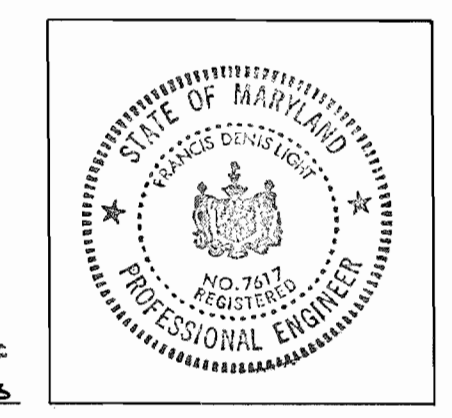
WS 539 W&S/2



BM-44



THE LOTS OR PARCELS SHOWN ON THIS PLAT ARE SUBJECT TO THE SUPPLEMENTAL SEWER-IN-AID OF CONSTRUCTION CHARGE CREATED BY SEC. 20.311A OF THE HOWARD CO. CODE AND TO EXECUTIVE ORDER NO. 72.9



Francis D. Light  
FRANCIS D. LIGHT  
MD. P.E. No. 7617  
DATE: 10-22-73

Rev. 3-11-75  
Rev. 10-22-77  
10-22-73

Rev. No.	Rev. Date	Revision Description
1	1-15-75	Revised SHC Locations as per builders request.
2	2-17-76	As Built

**RICHARD P. BROWNE ASSOCIATES**  
ENGINEERS SURVEYORS PLANNERS ARCHITECTS  
COLUMBIA, MD.  
PEACHTREE CITY, GA.  
WAYNE, N. J.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 3-21-75  
WOLFALBERT  
CHIEF ENGINEER

CONTRACT NO. 539-D W&S

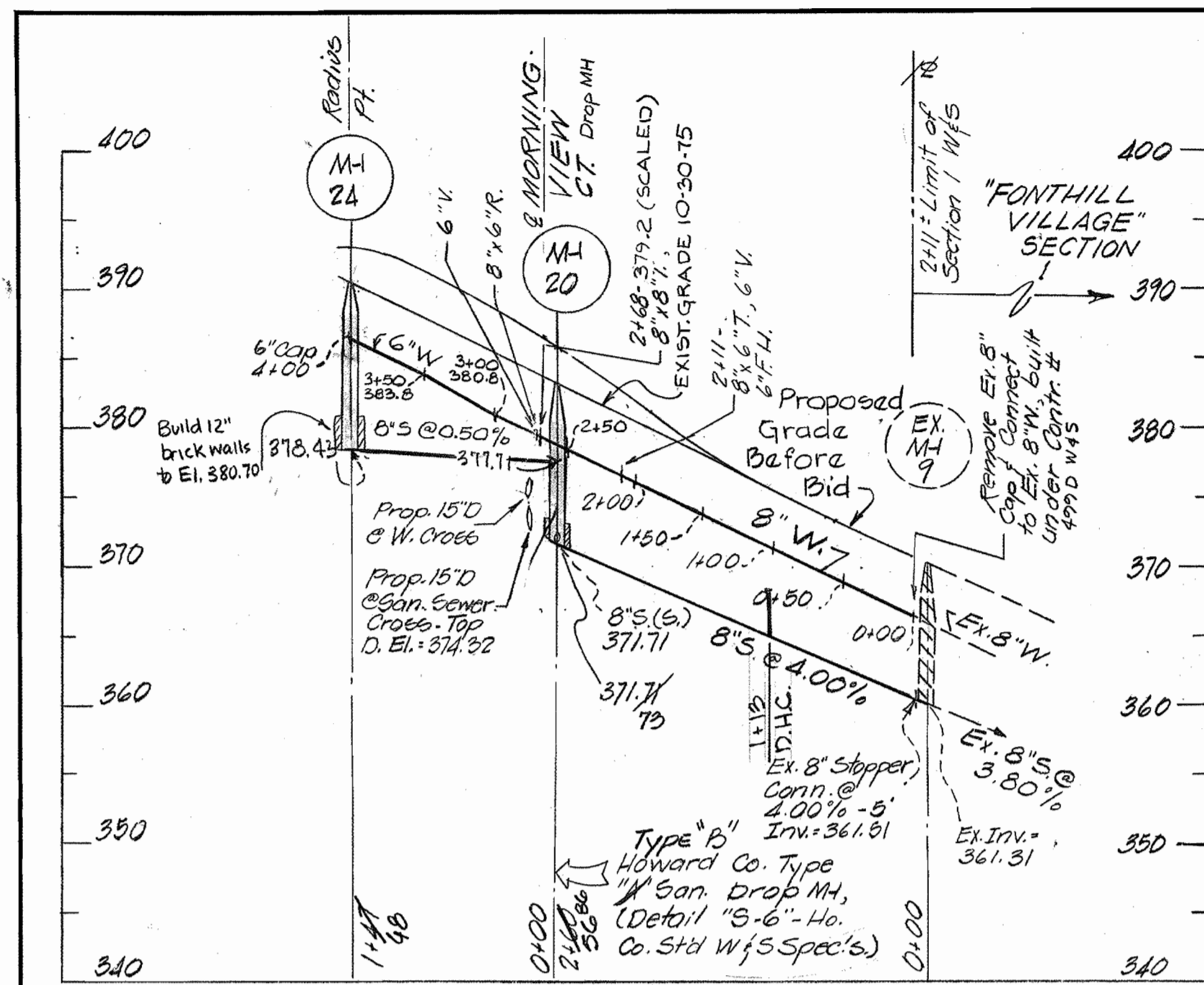
PLAN OF WATER & SEWER MAINS

FONT HILL VILLAGE SECTION NO. 2  
2 ND. ELECTION DIST. HOWARD CO. MD.

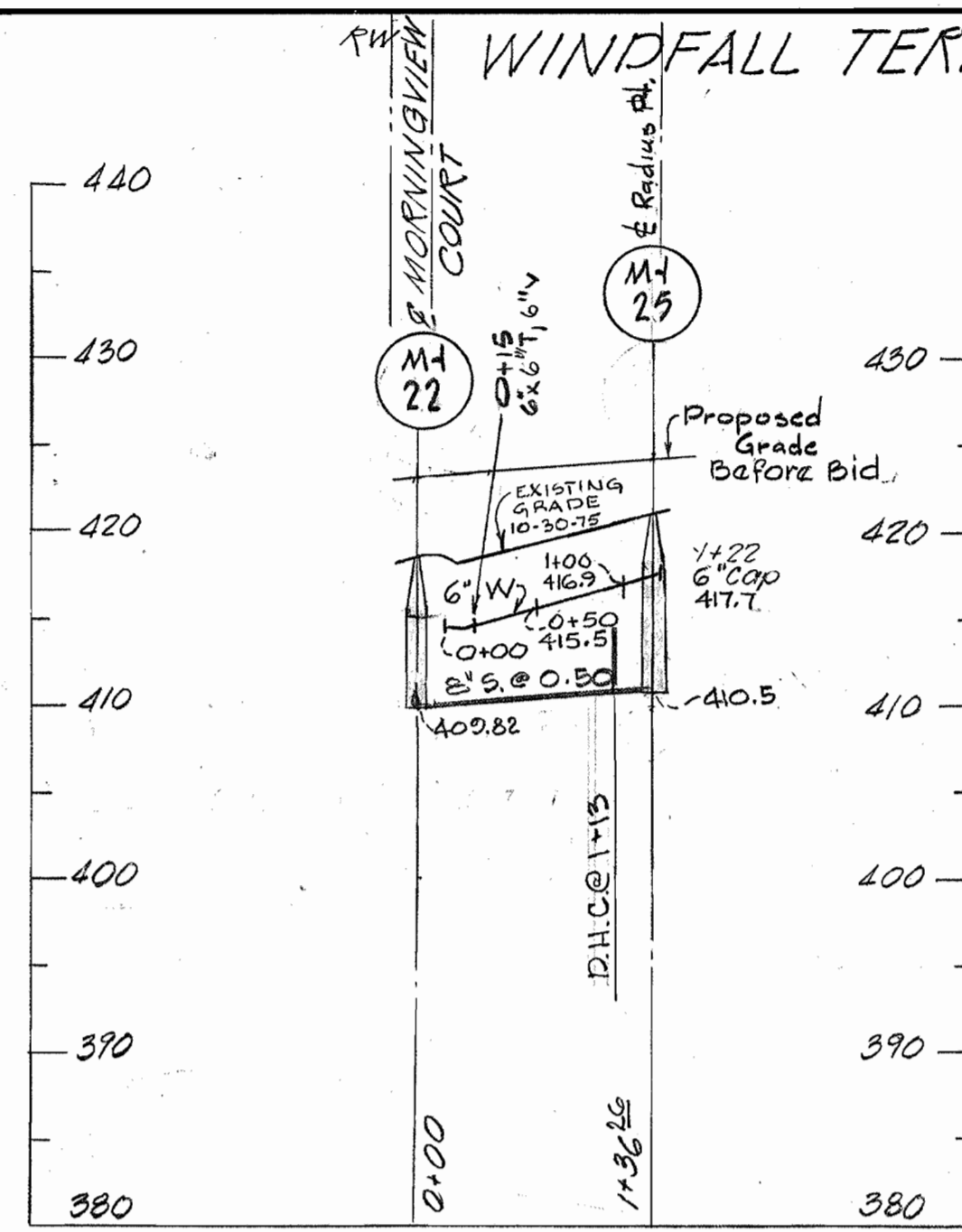
DRAWING NO. 3 OF 4  
SCALE 1" = 50'  
DES: W.H.N.  
DRWN: J.J.B.  
CHK: J.E.C.P.  
DATE: 11/10/72

AS-BUILT

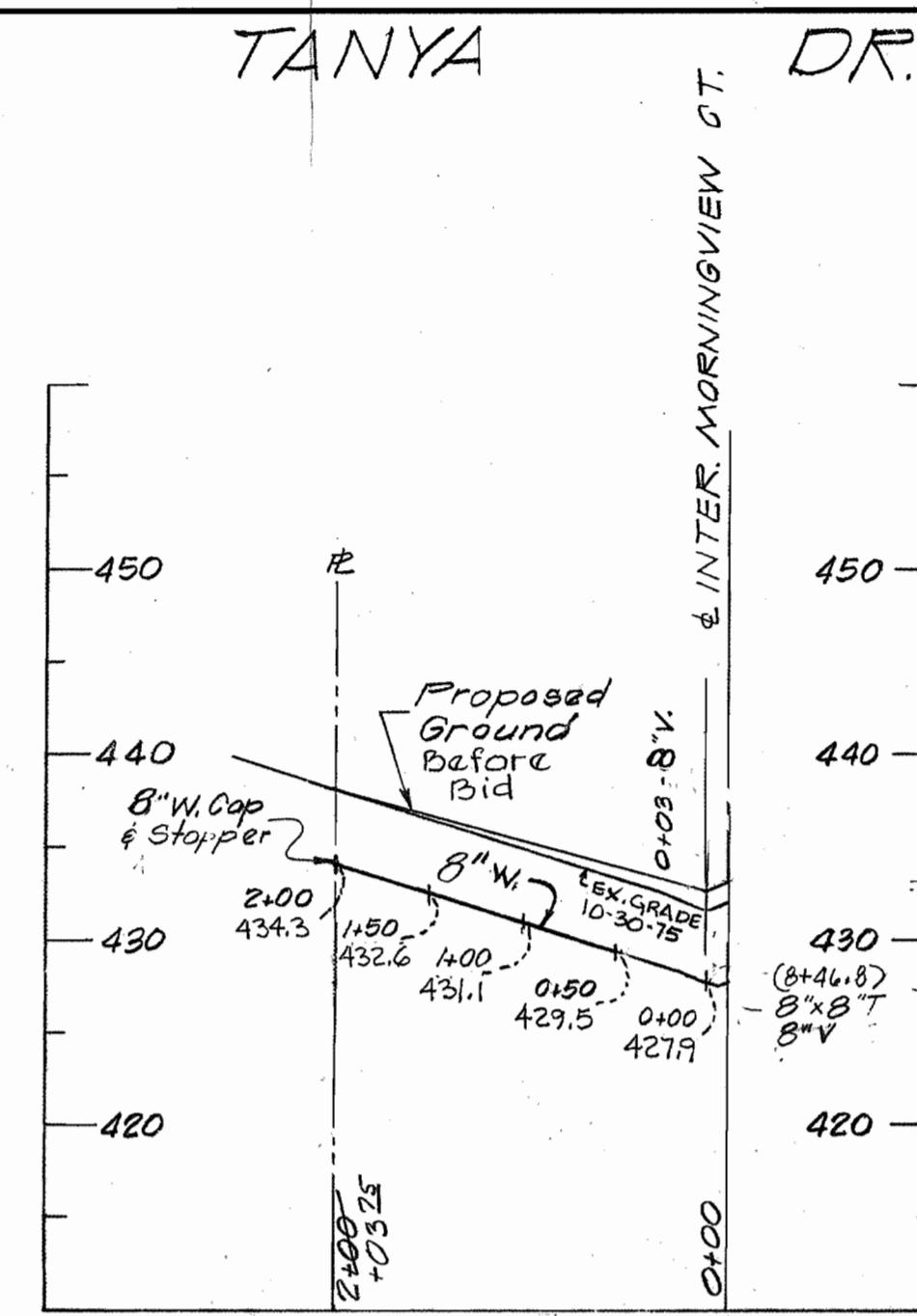
WS 539 wts/3



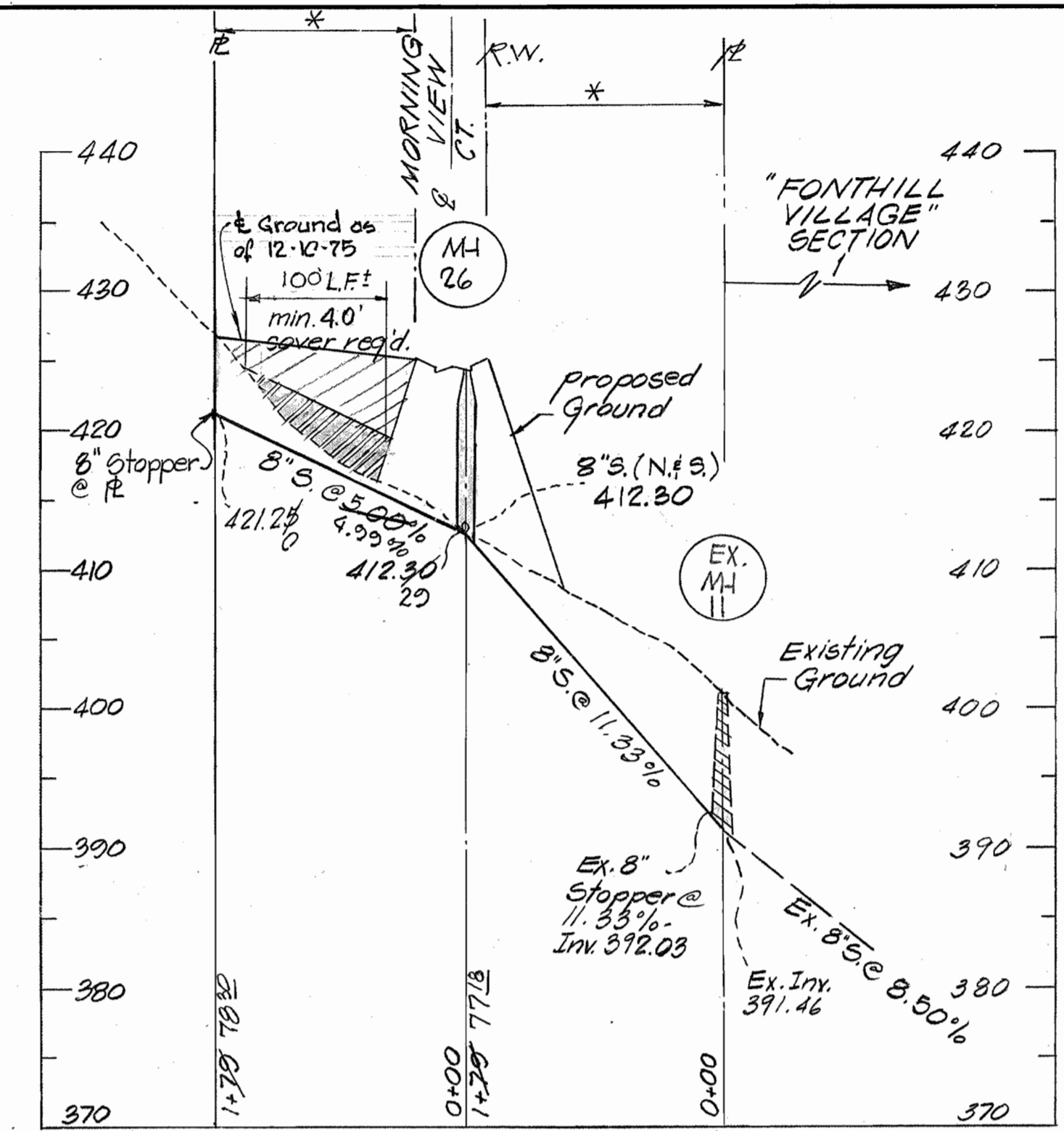
AUTUMNVIEW LANE



WINDFALL TERRACE

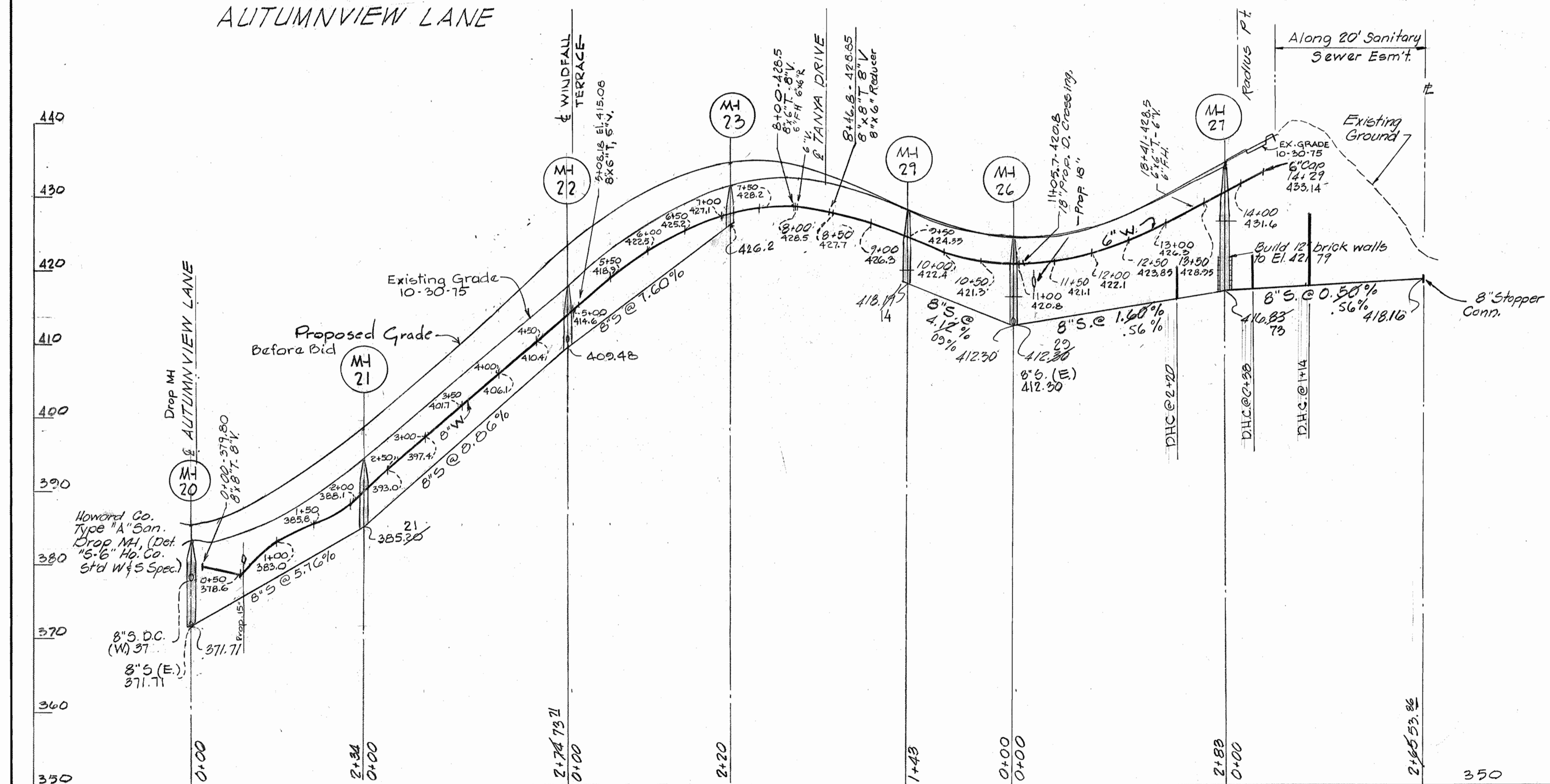


TANYA DR.



"FONTHILL VILLAGE" SECTION

\* ALONG 20' SAN. SEWER ESM'T.



MORNINGVIEW COURT

SANITARY MANHOLE RIM SCHEDULE			
SAN. M.H. NO.	RIM EL.	% SLOPE	CROSS SLOPE
EX. 9	370.33	4.80%	3.12%
EX. 11	401.00	0.00%	None
20	382.9	3.65%	3.12%
21	393.9	2.76%	"
22	417.6	4.22%	8.69%
25	431.2	4.34%	2.52%
24	390.1	3.92%	4.89%
25	421.6	4.24%	2.46%
26	424.3	4.24%	0.40%
27	433.0	4.34%	5.30%
29	428.1		3.12%

RICHARD P. BROWNE ASSOCIATES

ENGINEERS SURVEYORS PLANNERS ARCHITECTS  
COLUMBIA, MD.  
PEACHTREE CITY, GA.  
WAYNE, N. J.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
3-21-75  
DATE

CONTRACT NO. 8539-D W&S

PROFILES OF WATER & SEWER MAINS

Revision No.	Rev. Date	Revision Description
1	11-25-75	Revised S.H.C. Location as per builders request.
2	2-17-76	As Built

FRANCIS D. LIGHT  
Md. P.E. # 7617  
Date 10-23-73

FONT HILL VILLAGE SECTION NO. 2  
2 ND. ELECTION DIST. HOWARD CO. MD.

DRAWING NO. 4 OF 4  
SCALE Hor: 1" = 100' Ver: 1" = 10'  
DES: W.H.H. DRWN: W.H.H. CHK: J.E.C.P. DATE: 11/10/74



Rev. 3-11-75  
Rev. 10-22-74

AS-BUILT

WS 539 W&S/4