

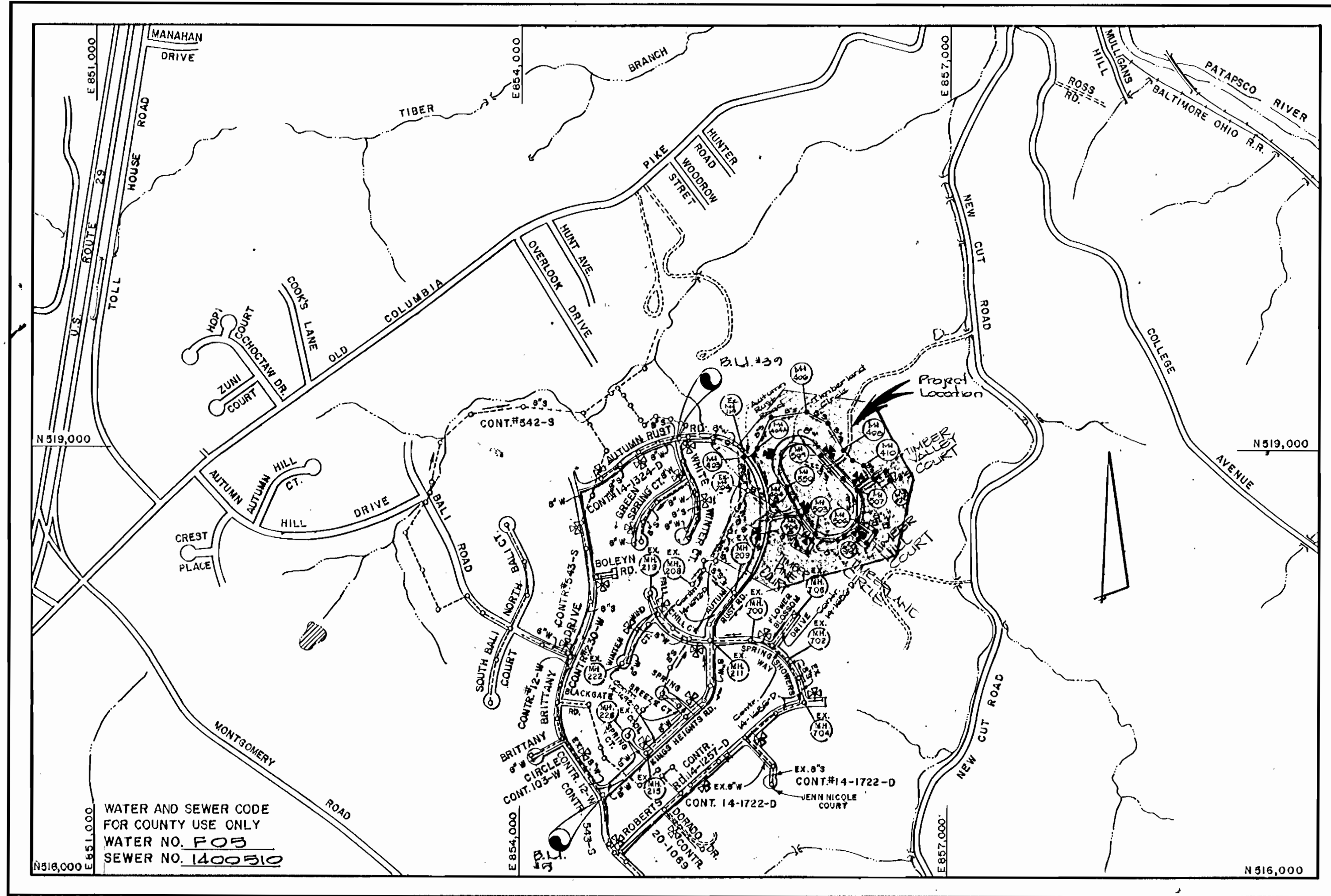
QUANTITIES			
ITEM	ESTIMATED	AS-BUILT	SUPPLIER
8" WATER	3745 L.F.	3925 L.F.	GRIFFEN
6" WATER	416 L.F.	362 L.F.	GRIFFEN
FIRE HYDRANT	7 EACH	7 EACH	KENNEDY
8" VALVES	9 EACH	9 EACH	GRIFFEN
6" VALVES	1 EACH	8 EACH	GRIFFEN
8" SEWER	3637 L.F.	3702 L.F.	CHARLOTTE MUNICIPAL & CONTRACTORS SALES
MANHOLES	28 EACH	28 EACH	ATLANTIC CONCRETE PRODUCTS INC.
1" W/C	1570 L.F.	8616 L.F.	FORD
3/4" W/C	1025 L.F.	3070 L.F.	FORD
6" SEWER	613 L.F.	582 L.F.	CHARLOTTE MUNICIPAL & CONTRACTORS SALES
4" SEWER	2808 L.F.	3380 L.F.	CHARLOTTE MUNICIPAL & CONTRACTORS SALES
3" BLOW-OFF	2 EACH	2 EACH	
4" WATER	15 L.F.	15 L.F.	

Notes:  
 Quantities for Pipe Lengths are Measured From 1/2 Manhole to 1/2 Manhole.

**BEUCU MARKS**

BL #3  
 Railroad spike found in east side of 8th St. at intersection of 8th St. & 1st St. west of 4th Street Light Road (See Vicinity Map.)

BL #39  
 Cement pit at North corner of intersection of White Manor Court and Autumn Hill Road (See Vicinity Map.)



TYPE OF BUILDING	RESIDENTIAL (TOWNHOMES)
NUMBER OF LOTS (100' BUILT ON)	123
NO. OF WATER HOUSE CONNECTIONS	123
NO. OF SEWER HOUSE CONNECTIONS	97
DRAINAGE AREA	PATAPSCO

VICINITY MAP  
 SCALE: 1" = 600'

# CONTRACT NO. 14-1663-D

## THE TOWNHOMES OF

### TIMBERLAND

#### WATER AND SEWER MAIN EXTENSIONS

# HOWARD COUNTY, MARYLAND

## DEPARTMENT OF PUBLIC WORKS

**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 TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6".
- FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (PART AMENDMENTS). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
- 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 VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION. ANY DAMAGE TO EXISTING FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
  - STATE HIGHWAY ADMINISTRATION: 531-5533
  - BALTIMORE GAS & ELECTRIC CO. - CONTRACTOR SERVICES: 850-4820
  - C. & P. TELEPHONE CO. 1-800-297-7777
  - BALTIMORE GAS & ELECTRIC CO. UNDERGROUND DAMAGE CONTROL: 859-9004
  - BALTIMORE GAS & ELECTRIC CO. TROUBLE SHOOTING: 298-9001
  - MISS UTILITY: 1-559-0100
  - COLONIAL PIPELINE COMPANY: 795-1390
  - BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS: 992-2366
- 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.
- 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.
- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3-1/2' COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1003 AND 1008 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- FOR ALL COPPER WATER HOUSE CONNECTIONS, UTILIZE FLARED TYPED FITTINGS ONLY.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS. (STD. DETAIL W.3.21).
- WATER MAINS AND WATER HOUSE CONNECTION LINES MUST BE PLACED SO AS TO HAVE AT LEAST ONE (1) FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
- MANHOLES DESIGNATED M.T. IN PLAN AND PROFILE SHALL HAVE WATER-TIGHT FRAME AND COVERS STANDARD DETAIL 65.52 WHERE WATER-TIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL SEWER MAINS SHALL BE C.S.P.X., R.C.S.P., V.C.P.X., A.C.P. CLASS 2400 OR P.V.C. UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES LOCATED WITHIN PROPOSED ROADWAY SHALL HAVE STANDARD HEAVY TRAFFIC MANHOLE FRAME AND COVER, STANDARD DETAIL 65.51.
- MINIMUM CELLAR ELEVATION = MCE.

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL AND THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AND ALSO AS SHOWN ON THE GRADING AND SEDIMENT CONTROL PLAN P 24-191

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*James M. Helm* 7-6-89  
 SOIL CONSERVATION SERVICE DATE

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

APPROVED:  
*Stephen R. Helm* 7-6-89  
 HOWARD SOIL CONSERVATION DISTRICT DATE

PLAN REFERENCE NUMBER	300-43
	P 07-02
	P 04-191

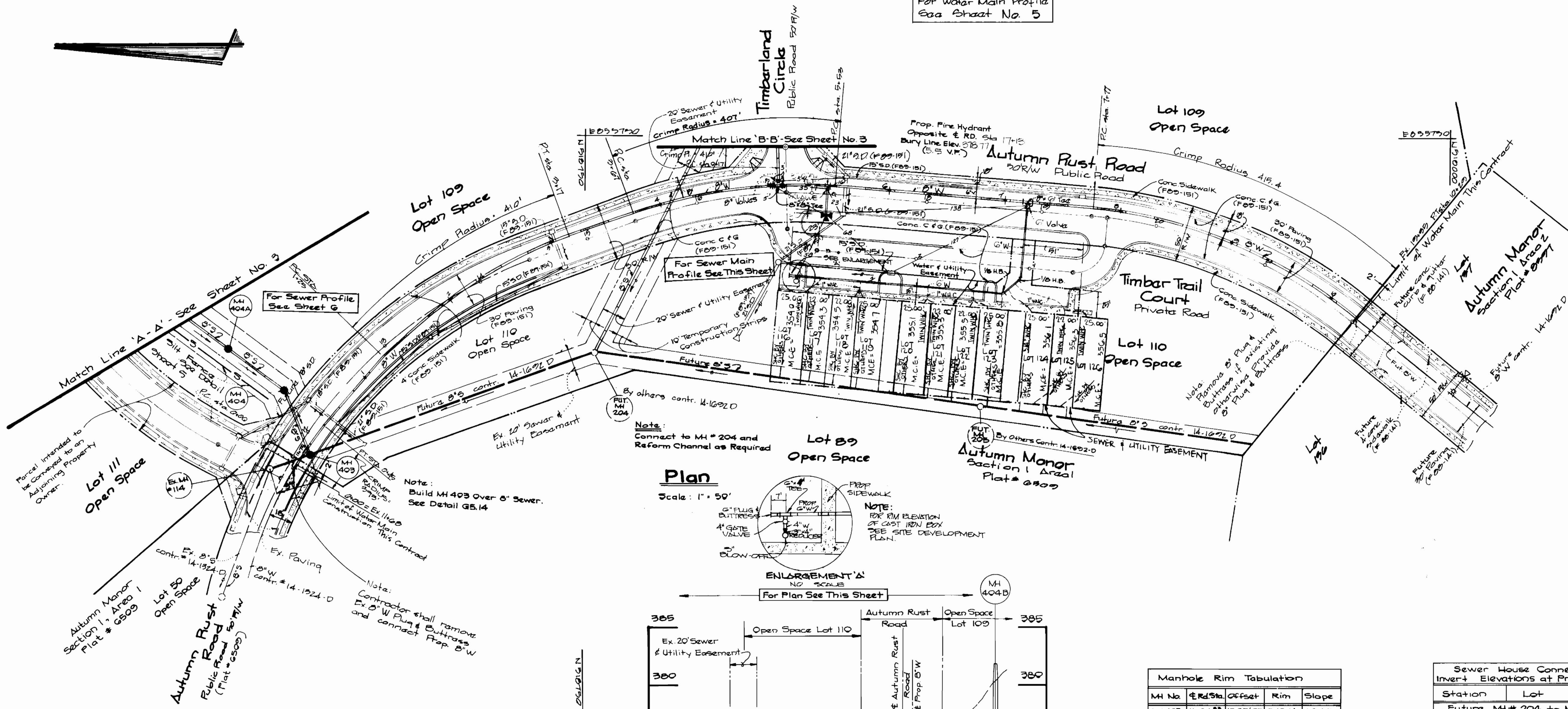
AS-BUILT  
 COMPLETED 8-22-91

CONTRACT NO. 14-1663-D  
 THE TOWNHOMES OF TIMBERLAND  
 WATER AND SEWER MAIN EXTENSIONS  
 SECOND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>James M. Helm</i> 7/10/89 DIRECTOR OF PUBLIC WORKS DATE <i>Michael A. ...</i> 6-30-89 CHIEF, BUREAU OF UTILITIES DATE	FISHER, COLLINS, AND CARTER, INC. CONSULTING ENGINEERS AND LAND SURVEYORS 8388 COURT AVENUE ELLICOTT CITY, MARYLAND 21043 #9787 <i>Terrell A. Fisher</i> TERRELL A. FISHER DATE	DES. T.A.P. DRN. M.J.M. CHK. T.A.P. DATE: 2/5/91 S.F.H. BY NO. REVISION REVISION DATE: 600' SCALE MAP NO. 25 BLOCK NO. 13 # 12	TITLE SHEET TOWNHOMES OF TIMBERLAND LOTS I - III CONTRACT NO. 14-1663-D SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE AS SHOWN SHEET 1 OF 2
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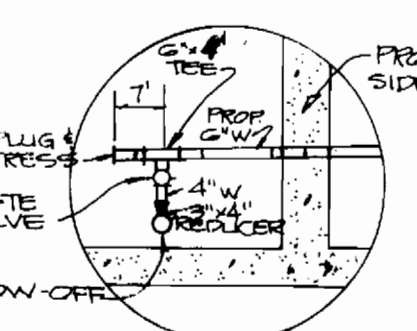


For Water Main Profile  
See Sheet No. 5



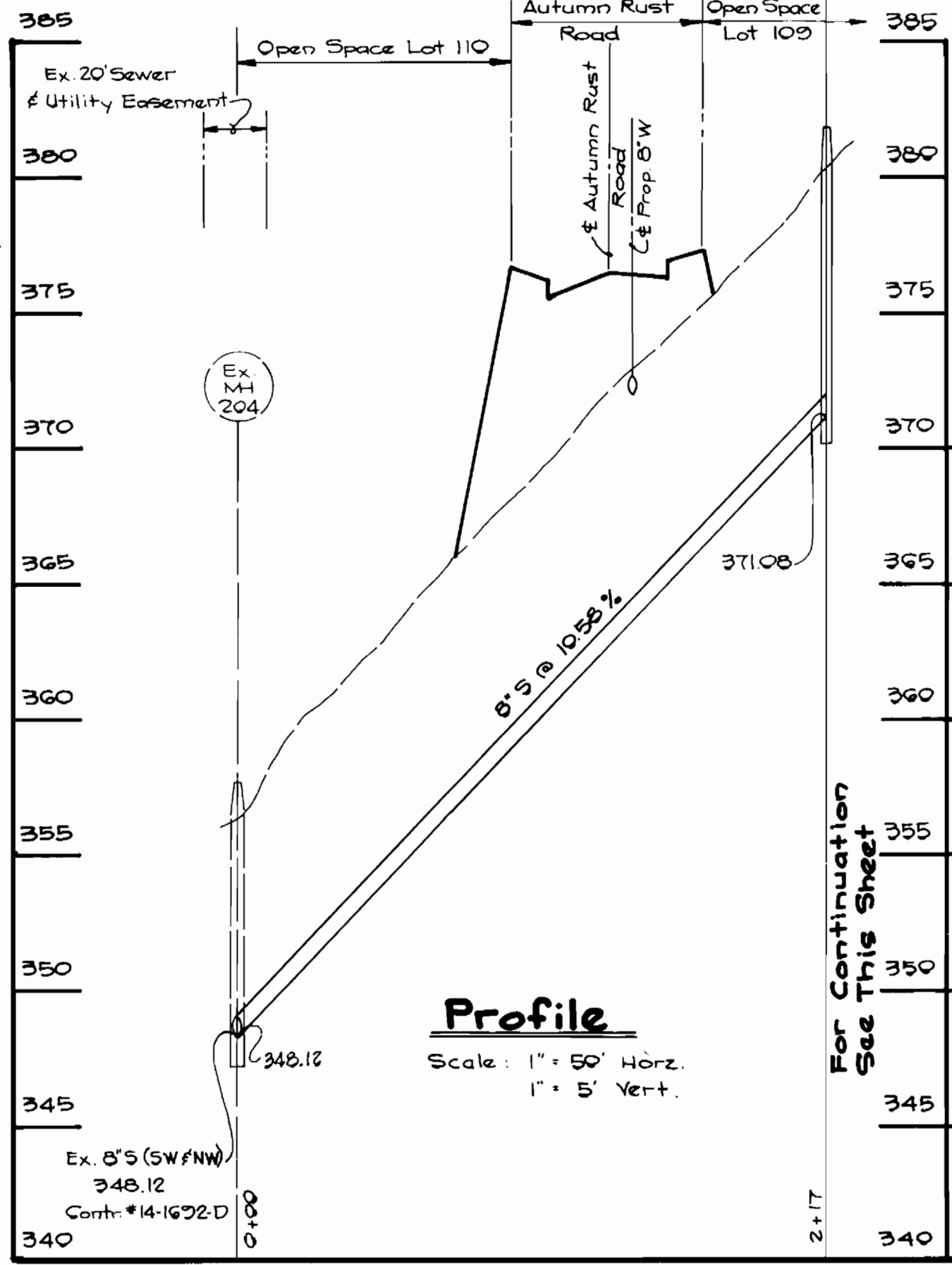
**Plan**

Scale: 1" = 50'



**ENLARGEMENT 'A'**

NO SCALE



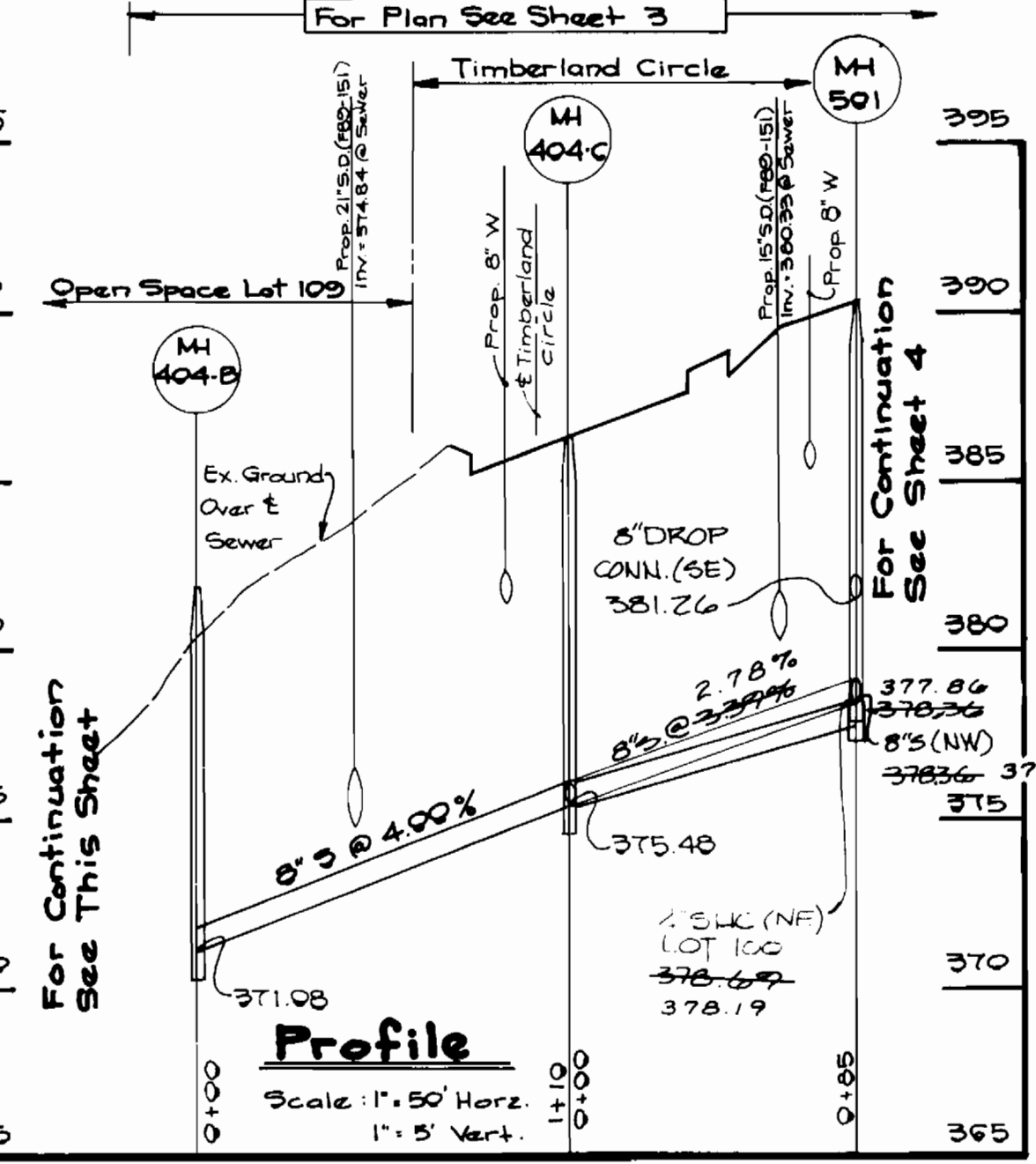
**Profile**

Scale: 1" = 50' Horiz.  
1" = 5' Vert.

MH No.	E. of Sta.	Offset	Rim	Slope
MH 403	11+84.83	10.05' RT	349.14	+0.4%
MH 404	12+15	33' RT	349.84	---
MH 404-A	12+15	100' RT	349.84	---

Station	Lot	Elevation
Future MH # 204 to MH 205		
1+01 LT	Lot 1	390.01
1+02 LT	Lot 2	390.26
1+04 LT	Lot 3	390.47
2+27 LT	Lot 4	390.07
2+67 LT	Lot 5	391.07
2+88 LT	Lot 6	391.28
3+12 LT	Lot 7	391.90
Future MH # 205 to MH # 206		
0+04 LT	Lot 8	391.00
0+32 LT	Lot 9	392.00
0+88 LT	Lot 10	392.14
0+75 LT	Lot 11	392.44

NOTE:  
THESE SLIC'S WILL BE  
CONSTRUCTED BY OTHERS  
UNDER CONTRACT NO.  
14-1692-D



**Profile**

Scale: 1" = 50' Horiz.  
1" = 5' Vert.

AS BUILT  
COMPLETED 8-22-91

CONTRACT NO. 14-1663-D  
THE TOWNHOMES OF TIMBERLAND  
SECOND ELECTION DISTRICT  
WATER AND SEWER MAIN EXTENSIONS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*Thomas J. ...*  
DIRECTOR OF PUBLIC WORKS  
DATE: 7-10-89

*Michael A. ...*  
CHIEF, BUREAU OF UTILITIES  
DATE: 6-20-89

*Terrell A. Fisher*  
CHIEF, LAND DEVELOPMENT DIVISION  
DATE: 7/10/89

FISHER, COLLINS, AND CARTER, INC.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043

TERRELL A. FISHER DATE

DES: T.A.F.					
DRN: M.J.M.					
CHK: T.A.F.	M.M.	REVISE LOTS 116-126 (ADD TRIANGULAR SWAMP EASEMENTS)	4/6/92		
	M.Y.	REVISE SEWER PROFILE	12/9/90		
DATE:	BY NO.	REVISION	DATE		

**PLAN**

**WATER AND SEWER MAINS**

600 SCALE MAP NO. 25 BLOCK NO. 19 & 13

THE TOWNHOMES OF TIMBERLAND  
LOTS 1-111

CONTRACT NO. 14-1663-D  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 2 OF 8

MI NO	STATION	DATE	CHART	DATE
M1#501	18+54	7/10	350.99	(-1.2%)
M1#502	18+54	7/10	350.99	(-1.2%)
M1#503	17+15	7/10	355.50	(+1.8%)
M1#504	16+50	7/10	355.50	(-1.0%)
M1#505	16+25	7/10	355.70	(-1.30%)
M1#506	15+87	7/10	356.09	(-1.30%)
M1#507	15+49	7/10	355.28	(-1.0%)
M1#508	15+11	7/10	352.20	(-0.8%)
M1#509	14+73	7/10	351.19	(+1.1%)
M1#510	14+35	7/10	350.57	(+1.0%)
M1#511	13+97	7/10	349.00	(+1.40%)
M1#512	13+60	7/10	348.06	(-1.10%)
M1#513	13+22	7/10	346.32	(+1.10%)
M1#514	12+84	7/10	345.78	(+1.50%)
M1#515	12+46	7/10	345.24	(+1.50%)
M1#516	12+08	7/10	344.70	(+1.50%)
M1#517	11+70	7/10	344.16	(+1.40%)
M1#518	11+32	7/10	343.62	(+1.0%)
M1#519	10+94	7/10	343.08	(+1.0%)

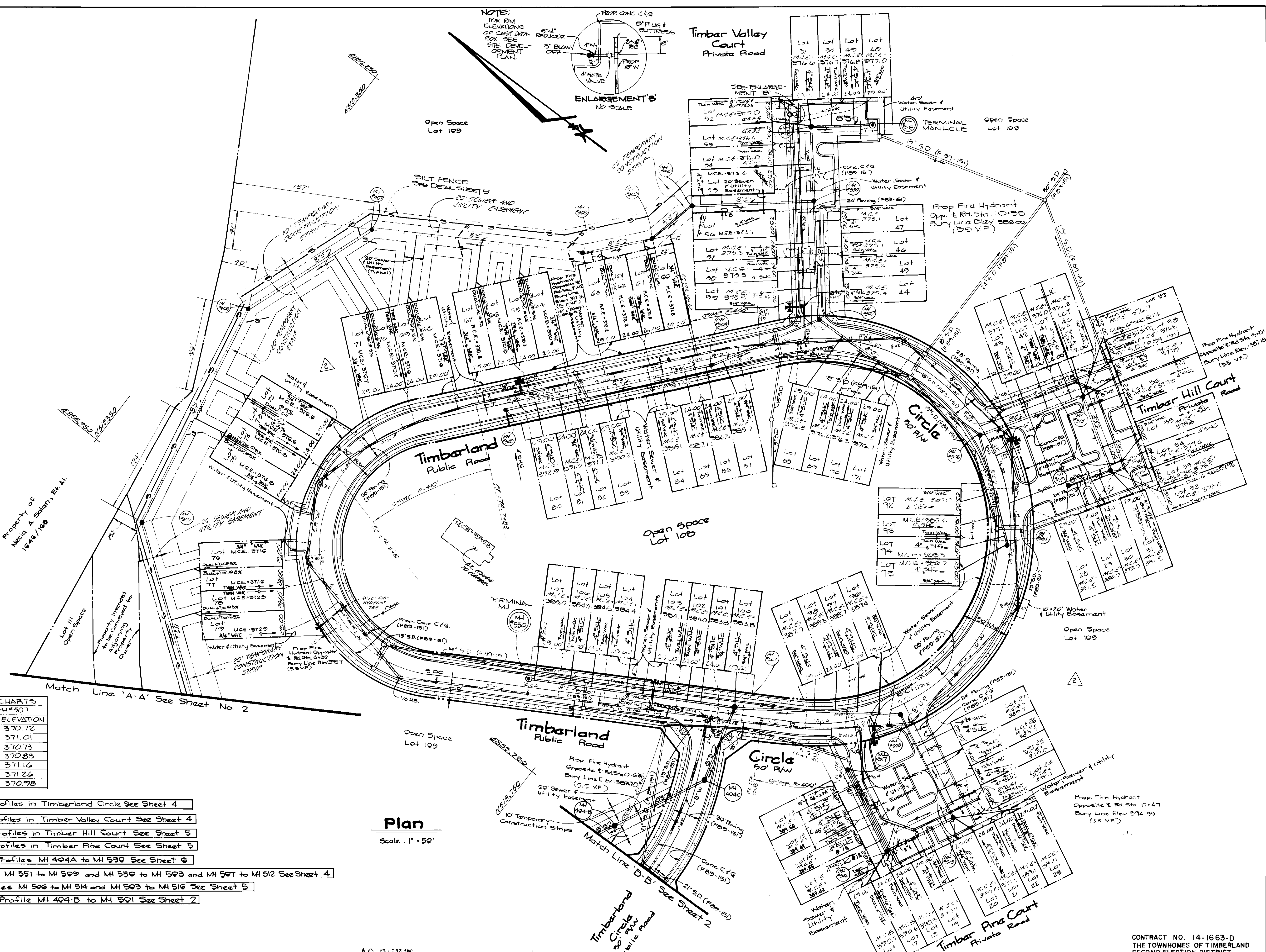
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M1#519	10+94	7/10	343.08	(+1.0%)

STATION	LOT	ELEVATION
0+23LT	LOT 47	370.72
0+45RT	57	371.01
0+90LT	46	370.73
0+70LT	45	370.83
0+79RT	48	371.16
0+95RT	59	371.26
1+00LT	44	370.98

- For WM Profiles in Timberland Circle See Sheet 4
- For WM Profiles in Timber Valley Court See Sheet 4
- For WM Profiles in Timber Hill Court See Sheet 5
- For WM Profiles in Timber Pine Court See Sheet 5
- For Profiles M1 404A to M1 530 See Sheet 6
- For Profiles M1 551 to M1 509 and M1 550 to M1 503 and M1 507 to M1 512 See Sheet 4
- For Profiles M1 506 to M1 514 and M1 503 to M1 516 See Sheet 5
- For Profile M1 404-B to M1 501 See Sheet 2



**Plan**  
Scale: 1" = 50'

AS BUILT SEE SHEETS 708 & 808  
COMPLETED 8-22-91

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*James P. Hallett*  
DIRECTOR OF PUBLIC WORKS DATE 7-10-89

*Michael J. Hallett*  
CHIEF, BUREAU OF UTILITIES DATE 6-30-89

*Richard J. Hallett*  
CHIEF, BUREAU OF ENGINEERING DATE 7-10-89

*Richard J. Hallett*  
CHIEF, LAND DEVELOPMENT DIVISION DATE 7-10-89

FISHER, COLLINS, AND CARTER, INC. #9757

CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043

*Terrell A. Fisher*  
TERRELL A. FISHER DATE

DES: TAF	DATE	REVISION	DATE
DRN: DN/GW	6/15/91	REVISE PLAN AND CHARTS	6/15/91
CHK: TAF	1/27/92	REVISE PAVING CONSTRUCTION SLABS - TIMBERLAND CIRCLE	1/27/92
DATE:	11/29/89	REVISE LOCATION OF FIRE HYDRANT	11/29/89
BY NO.			

**PLAN**  
**WATER AND SEWER MAINS**

600 SCALE MAP NO 25 BLOCK NO. 13 & 19

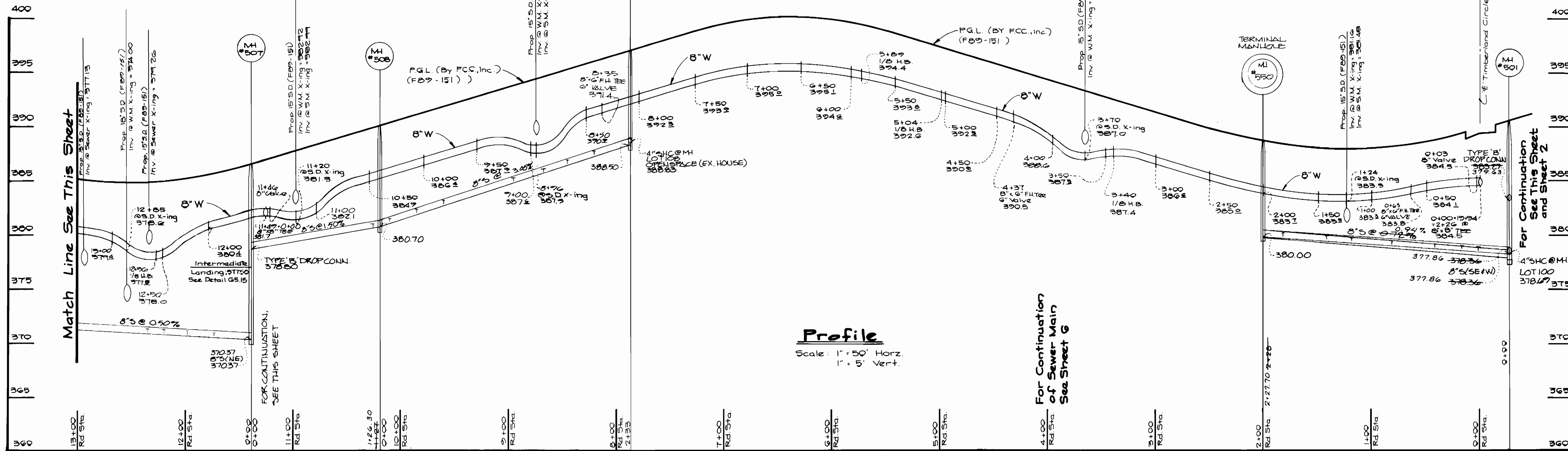
THE TOWNHOMES OF TIMBERLAND  
LOTS I-III

CONTRACT NO. 14-1663-D  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
SHEET 3 OF 8

# Timberland Circle

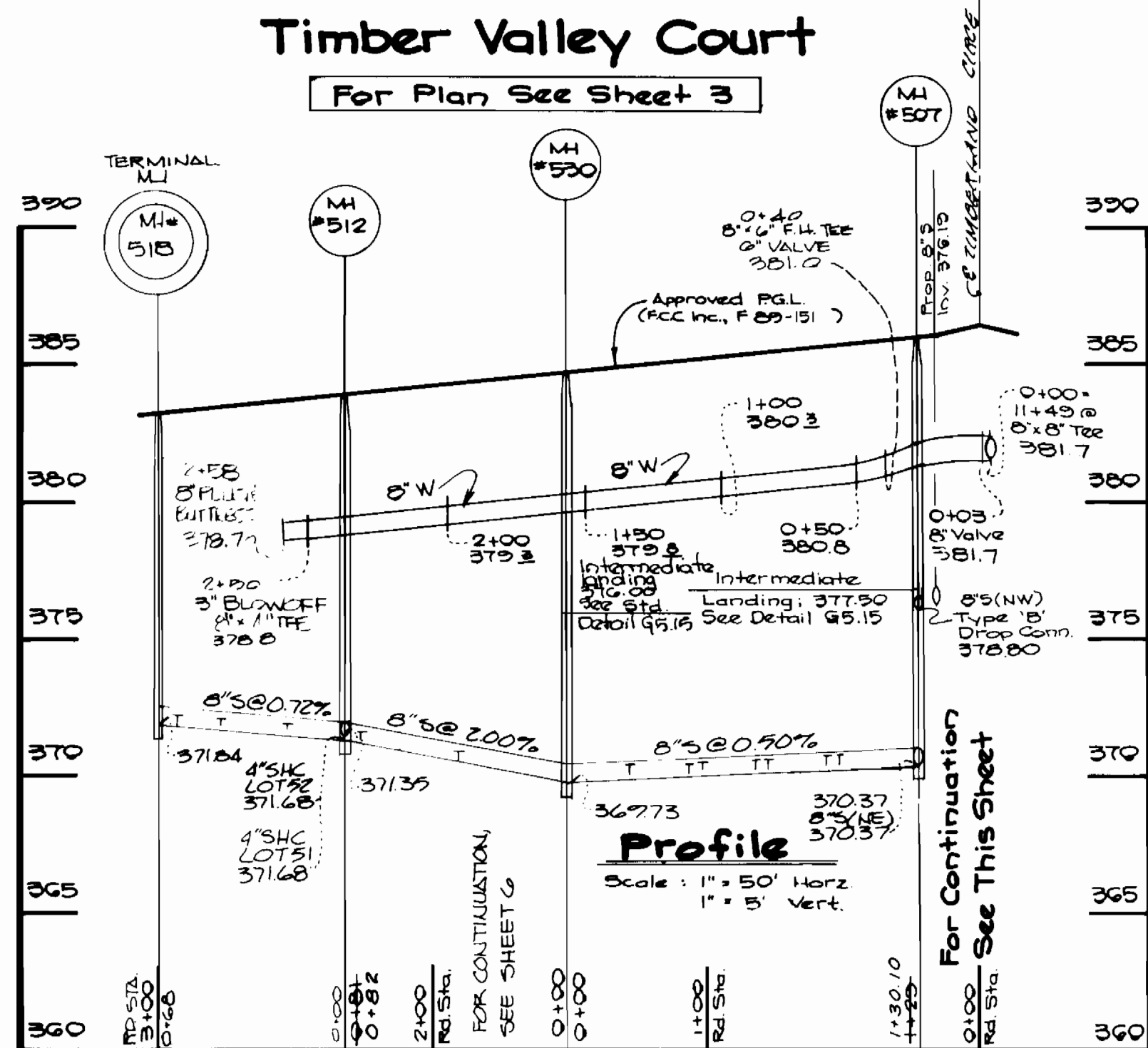
For Plan See Sheet 3



**Profile**  
Scale: 1" = 50' Horiz.  
1" = 5' Vert.

# Timberland Circle

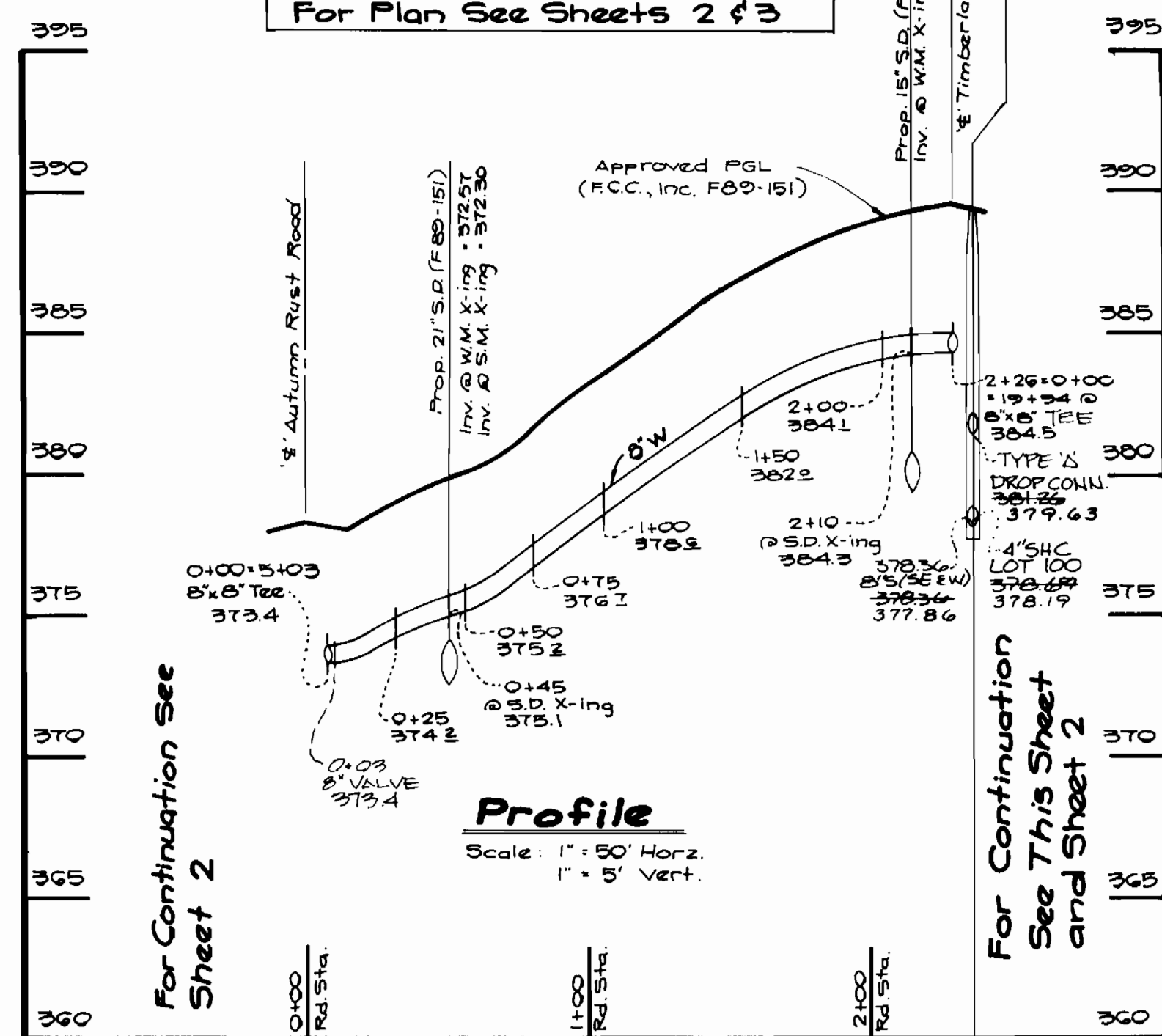
For Plan See Sheet 3



**Profile**  
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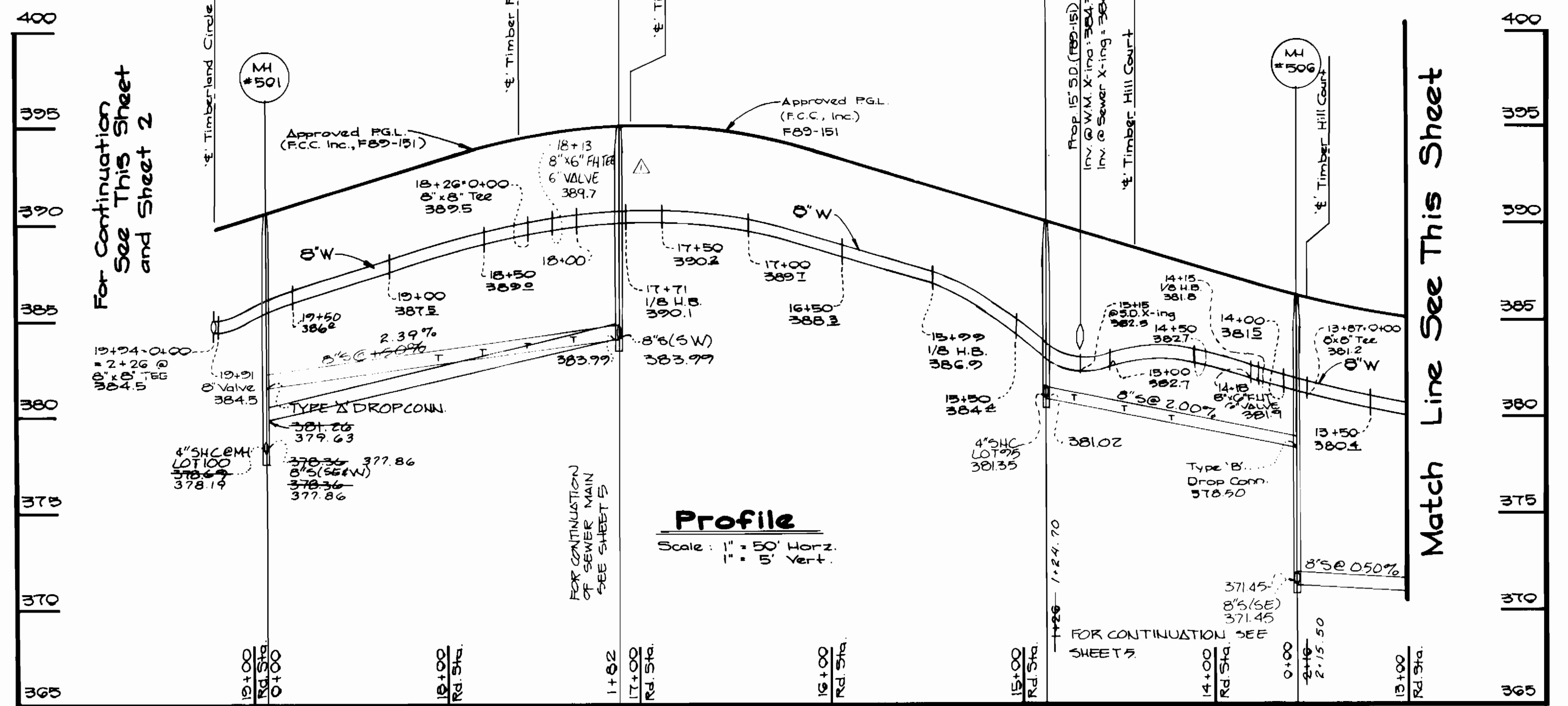
# Timberland Circle

For Plan See Sheets 2 & 3



**Profile**  
Scale: 1" = 50' Horiz.  
1" = 5' Vert.

For Continuation See This Sheet and Sheet 2



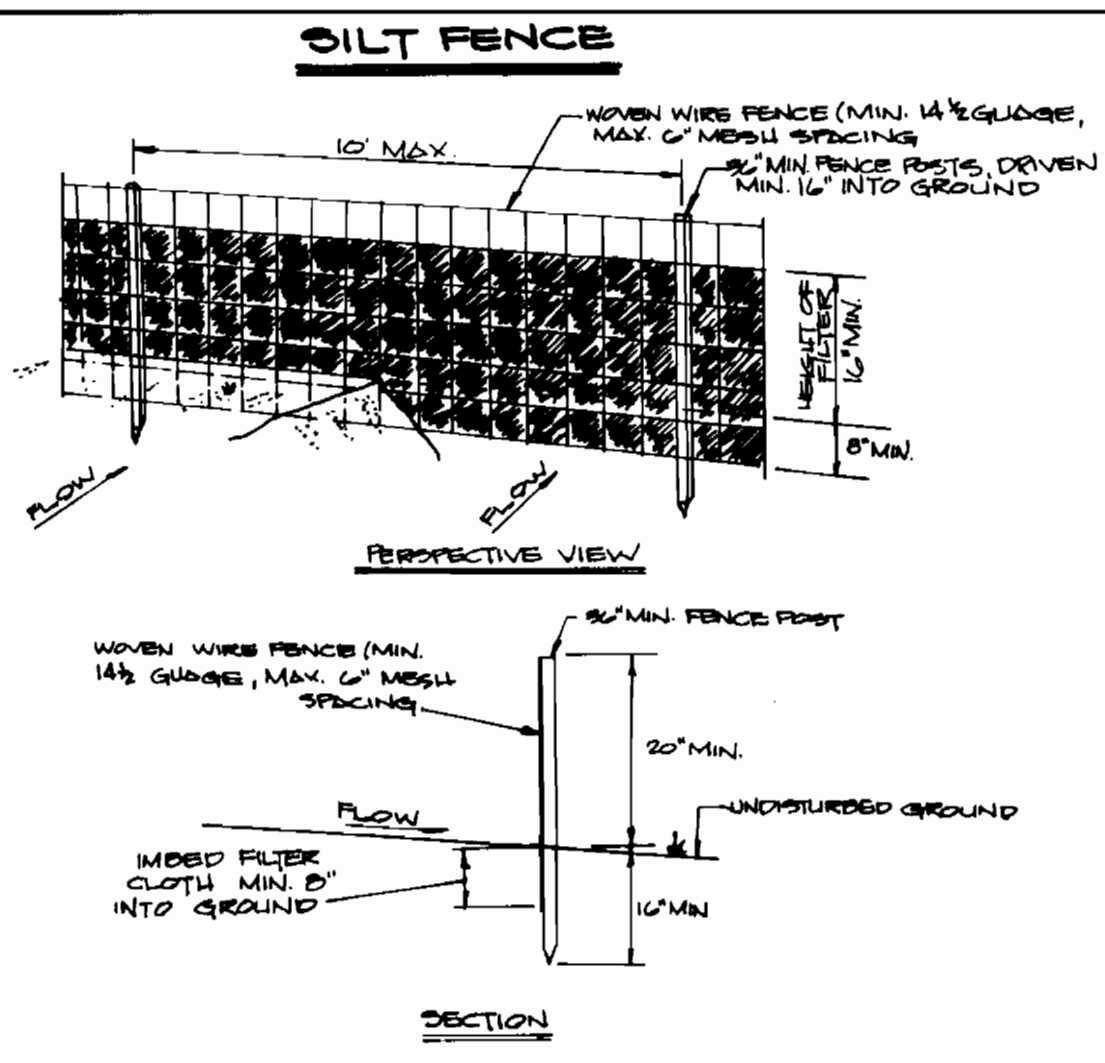
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1" = 5' Vert.

Match Line See This Sheet

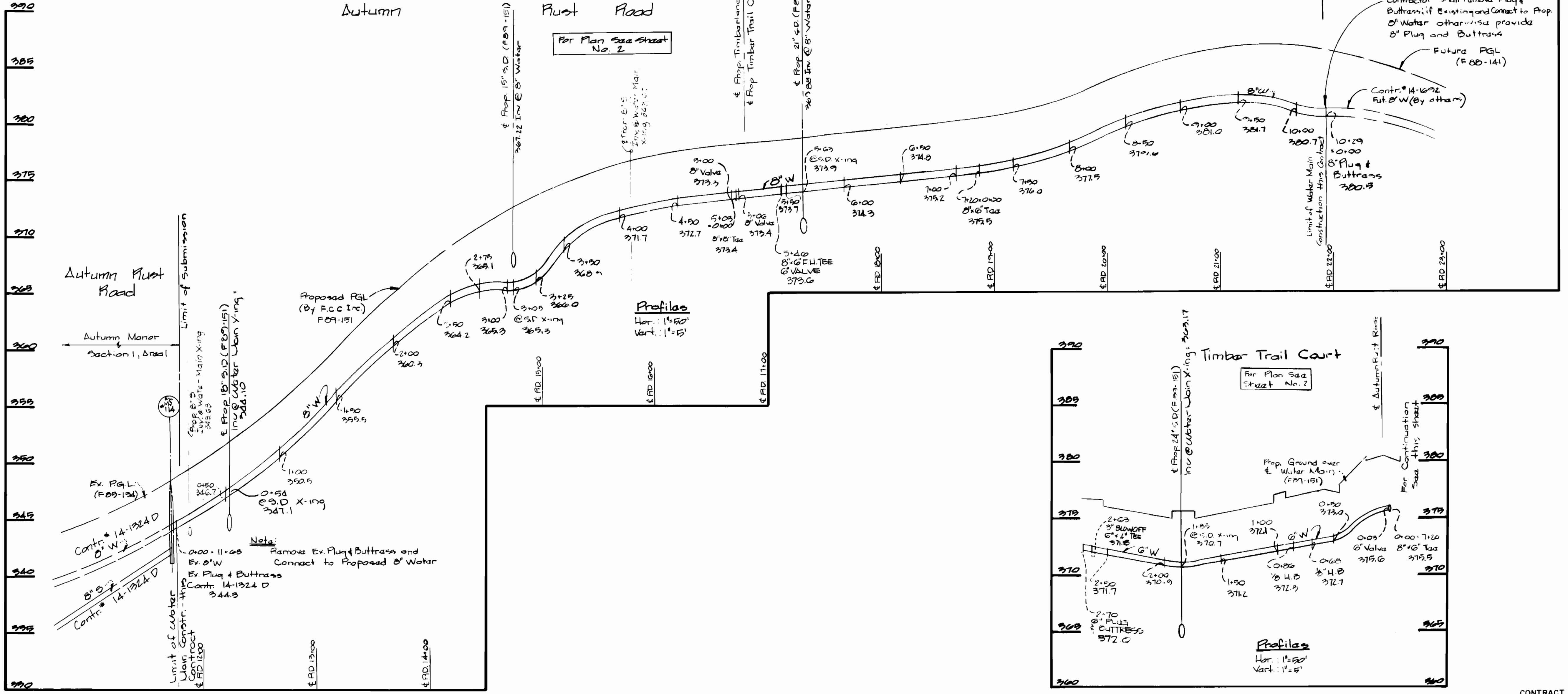
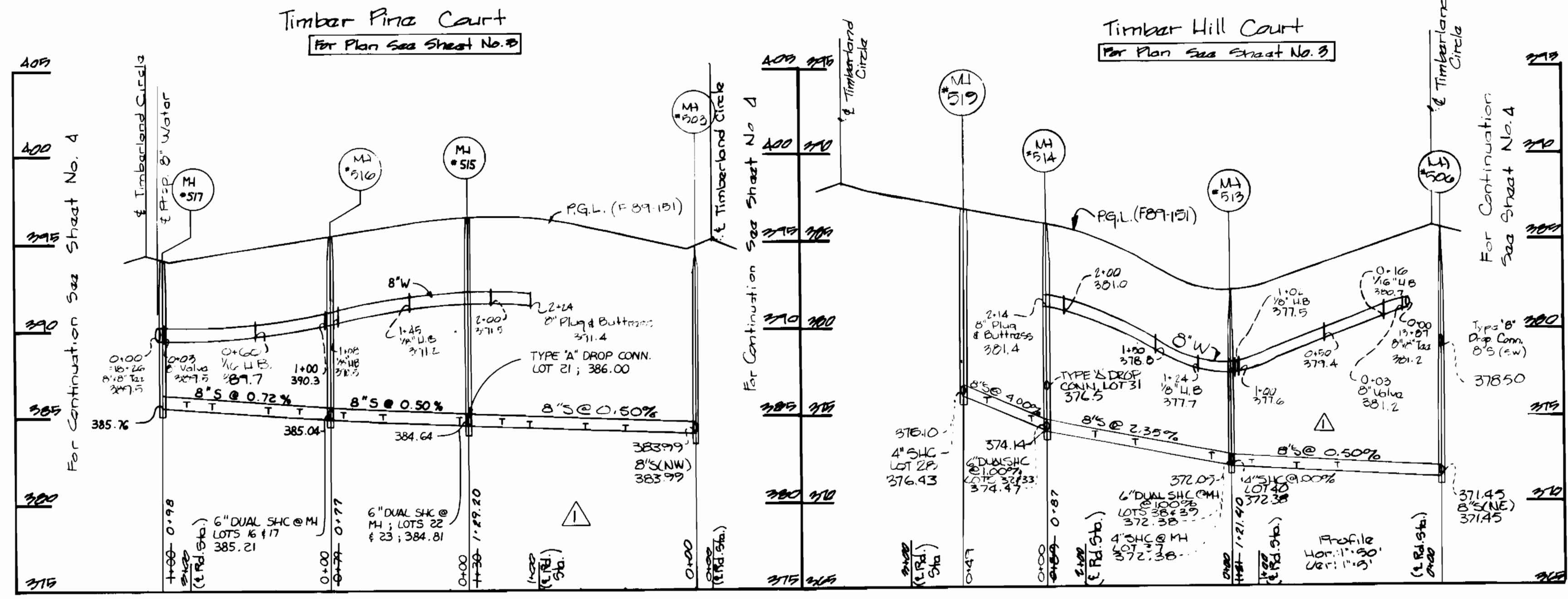
AS BUILT  
COMPLETED 8-22-91

CONTRACT NO. 14-1663-D  
THE TOWNHOMES OF TIMBERLAND  
SECOND ELECTION DISTRICT  
WATER AND SEWER MAIN EXTENSIONS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works: <i>[Signature]</i> DATE: 7/10/89 Chief, Bureau of Utilities: <i>[Signature]</i> DATE: 6-30-89		FISHER, COLLINS, AND CARTER, INC. CONSULTING ENGINEERS AND LAND SURVEYORS 8388 COURT AVENUE ELLICOTT CITY, MARYLAND 21043 #9757 OF MAP Terrell A. Fisher DATE:		DES: T.A.F. DRN: G.W./D.N. CHK: T.A.F. DATE:		PROFILES WATER AND SEWER MAINS 600 SCALE MAP NO. 25 BLOCK NO. 13 & 19		THE TOWNHOMES OF TIMBERLAND LOTS 1-III CONTRACT NO. 14-1663-D SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		SCALE AS SHOWN SHEET 4 OF 8	
---	--	---	--	---	--	---	--	--	--	--------------------------------	--



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
1. WOVEN WIRE FENCE TO BE SECURELY FASTENED TO FENCE POSTS WITH WIRE TIES OR STAPLES.
  2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" @ TOP AND MID SECTION.
  3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
  4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EARTH OR U TYPE 2" HARDWOOD
- FENCE: WOVEN WIRE 1/4" GAUGE 6" MAX. MESH OPENING
- FILTER CLOTH: FILTER X, MIRAFL 100
- STAPLELINKS TYPICAL OR APPROVED EQUAL
- PRE-FABRICATED UNIT: 8'x8'x4"
- ENVIRONMENT OR APPROVED EQUAL



**Note:** Contractor shall remove Plug & Buttrass, if Existing and Connect to Prop. 8" Water otherwise provide 8" Plug and Buttrass

Future PGL (F08-141)

Contr. # 14-1663-D Fut. 8" W (By other)

Limit of Water Main Construction This Contract

Limit of Submission

AS-BUILT  
COMPLETED 8-22-91

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

7-10-89  
DATE

7/10/89  
DATE

6-30-89  
DATE

FISHER, COLLINS, AND CARTER, INC. #9757

CONSULTING ENGINEERS AND LAND SURVEYORS

8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043

7/11/89  
DATE

DES: T. A. F.					
DRN: M. J. M.					
CHK: T. A. F.	S.F.H.	△	REVISE PROFILES OF 8" S	2/5/91	
	M.Y.		REVISE SEWER PROFILES	12/3/90	
DATE: 5/1/89	BY: NO.		REVISION	DATE	

PROFILES  
WATER AND SEWER MAINS

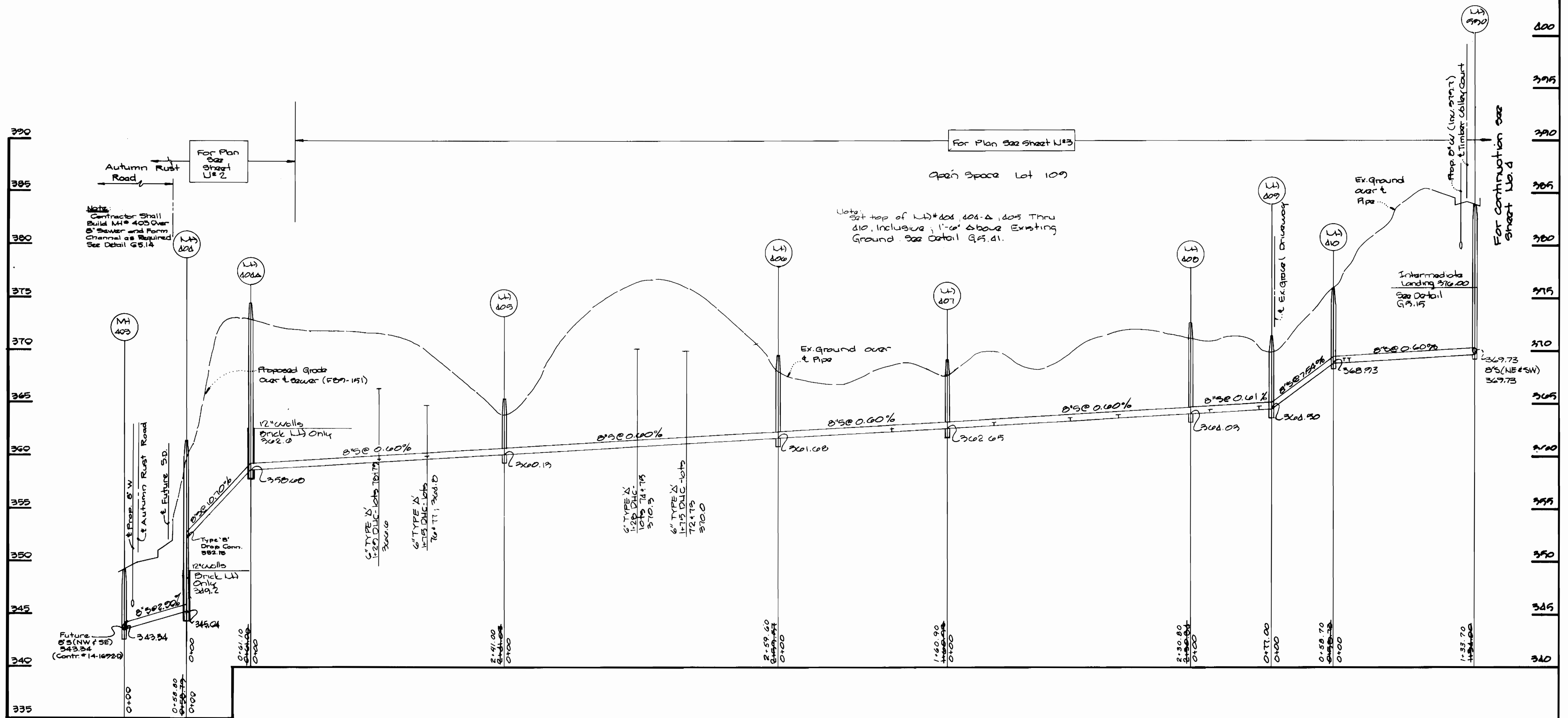
600 SCALE MAP NO. 25 BLOCK NO. 13-19

THE TOWNHOMES OF TIMBERLAND  
LOTS I-III

CONTRACT NO. 14-1663-D  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 5 OF 8



**AS-BUILT**  
COMPLETED 8-22-91

CONTRACT NO. 14-1005-D  
THE TOWNHOMES OF TIMBERLAND  
SECOND ELECTION DISTRICT  
WATER AND SEWER MAIN EXTENSIONS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*[Signature]* 7/10/89  
DIRECTOR OF PUBLIC WORKS DATE

*[Signature]* 7/10/89  
CHIEF, BUREAU OF UTILITIES DATE

FISHER, COLLINS, AND CARTER, INC. #9757  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043

*[Signature]*  
TERRELL A. FISHER DATE

DES: T. & F.	
DRN: L. J. F.	
CHK: T. & F.	
DATE:	12/3/91
BY NO.	
REVISION	REVISE SEWER PROFILE 14 409-530

**PROFILES**  
**WATER AND SEWER MAINS**

600' SCALE MAP NO. 25 BLOCK NO. 13 & 12

THE TOWNHOMES OF TIMBERLAND  
LOTS I-III  
CONTRACT NO. 14-1005-D  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
SHEET 6 OF 8

**SEWER AS-BUILDS**

LOT	LOCATION	DISTANCE
LOT 12	MH 517	26'
	MH 516	80'
LOT 13	MH 517	35'
	MH 516	55'
LOT 14	MH 517	65'
	MH 516	35'
LOT 15	MH 517	85'
	MH 516	20'
LOT 16	MH 516	45'
LOT 17	MH 516	33'
LOT 18	MH 516	20'
	MH 515	75'
LOT 19	MH 516	35'
	MH 515	75'
LOT 20	MH 516	76'
	MH 515	20'
LOT 21	MH 515	25'
LOT 22	MH 515	57'
LOT 23	MH 515	70'
LOT 24	MH 515	42'
LOT 25	MH 515	49'
	MH 503	100'
LOT 26	MH 515	76'
	MH 503	74'
LOT 27	MH 515	94'
	MH 503	55'
LOT 28	MH 519	36'
	MH 514	66'
LOT 29	MH 519	32'
	MH 514	46'
LOT 30	MH 519	42'
	MH 514	35'
LOT 31	MH 519	66'
	MH 514	33'
LOT 32	MH 514	56'
LOT 33	MH 514	52'
LOT 34	MH 514	40'
	MH 513	88'
LOT 35	MH 514	46'
	MH 513	74'
LOT 36	MH 514	84'
	MH 513	43'
LOT 37	MH 514	100'
	MH 513	34'
LOT 38	MH 513	58'
LOT 39	MH 513	65'
LOT 40	MH 513	37'
	8" V. ST. 0-03	110'
LOT 41	MH 513	36'
	8" V. ST. 0-03	90'
LOT 42	MH 513	55'
	8" V. ST. 0-03	65'
LOT 43	MH 513	74'
	8" V. ST. 0-03	50'
LOT 44	MH 507	37'
	6" V. ST. 0-40	51'
LOT 45	MH 507	64'
	MH 530	78'
LOT 46	MH 507	86'
	MH 530	54'
LOT 47	6" V. ST. 0-40	100'
	MH 530	35'
LOT 48	MH 518	26'
	MH 512	65'
LOT 49	MH 518	33'
	MH 512	46'
LOT 50	MH 518	50'
	MH 512	33'
LOT 51	MH 518	70'
	MH 512	25'
LOT 52	MH 512	40'
	MH 530	92'
LOT 53	MH 512	44'
	MH 530	81'
LOT 54	MH 512	55'
	MH 530	55'
LOT 55	MH 530	120'
	MH 410	17'

LOT	LOCATION	DISTANCE
LOT 56	MH 530	115'
	MH 410	19'
LOT 57	MH 530	60'
	FH. ST. 0-40	68'
LOT 58	MH 530	84'
	FH. ST. 0-40	41'
LOT 59	6" V. ST. 0-40	29'
	FH. ST. 0-40	21'
	FH. ST. 0-40	32'
	8" V. ST. 0-03	37'
LOT 60	MH 409	16'
	MH 408	77'
LOT 61	MH 409	13'
	MH 408	64'
LOT 62	MH 409	51'
	MH 408	26'
LOT 63	MH 409	60'
	MH 408	22'
LOT 64	MH 408	70'
	FH. ST. 8-35	111'
LOT 65	MH 408	76'
	FH. ST. 8-35	118'
LOT 66	MH 407	136'
	FH. ST. 8-35	110'
LOT 67	MH 407	126'
	FH. ST. 8-35	115'
LOT 68	MH 407	88'
LOT 69	MH 407	94'
LOT 70	MH 407	90'
LOT 71	MH 407	95'
LOT 72	MH 406	91'
LOT 73	MH 406	100'
LOT 74	MH 405	136'
LOT 75	MH 405	126'
LOT 76	MH 405	74'
LOT 77	MH 405	78'
LOT 78	FH. ST. 4-37	131'
LOT 79	FH. ST. 4-37	126'
	S.D. RIGHT	71'
	S.D. LEFT	67'
	6" V. ST. 4-37	57'
	S.D. RIGHT	68'
	S.D. LEFT	31'
	MH 509	57'
	S.D. LEFT	23'
	6" V. ST. 8-35	66'
	S.D. RIGHT	48'
LOT 80	MH 509	58'
	S.D. RIGHT	68'
LOT 81	MH 509	36'
	S.D. RIGHT	84'
LOT 82	MH 509	29'
	S.D. RIGHT	116'
LOT 83	MH 509	36'
	S.D. RIGHT	87'
LOT 84	MH 508	65'
	MH 508	45'
LOT 85	MH 508	91'
	15" S.D. MH	35'
LOT 86	MH 508	70'
	15" S.D. MH	40'
LOT 87	MH 508	45'
	15" S.D. MH	37'
	8" V. ST. 0-03	20'
	S.D. RIGHT	40'
LOT 88	S.D. RIGHT	46'
	8" V. ST. 11-46	64'
LOT 89	8" V. ST. 11-46	85'
	S.D. RIGHT	82'
LOT 90	8" V. ST. 11-46	64'
	S.D. RIGHT	94'
LOT 91	8" V. ST. 11-46	50'
	S.D. RIGHT	71'
LOT 92	MH 506	66'
	MH 551	100'
LOT 93	MH 506	52'
	MH 551	39'
LOT 94	S.D. RIGHT	48'
	MH 551	

LOT	LOCATION	DISTANCE
LOT 95	S.D. RIGHT	61'
	MH 551	55'
LOT 96	MH 503	66'
	8" V. ST. 0-03	84'
LOT 97	MH 503	70'
	8" V. ST. 0-03	76'
LOT 98	MH 503	80'
	8" V. ST. 0-03	64'
LOT 99	MH 503	97'
	8" V. ST. 0-03	72'
LOT 100	MH 501	32'
	FH. ST. 0-63	88'
LOT 101	MH 501	51'
	FH. ST. 0-63	57'
LOT 102	MH 501	62'
	FH. ST. 0-63	42'
LOT 103	MH 501	84'
	FH. ST. 0-63	25'
LOT 104	FH. ST. 0-63	38'
	MH 550	110'
LOT 105	FH. ST. 0-63	70'
	MH 550	79'
LOT 106	FH. ST. 0-63	96'
	MH 550	53'
LOT 107	S.D. RIGHT	65'
	MH 550	35'
	8" V. ST. 2-18	32'
MH 501	8" V. ST. 2-18	62'
MH 404C	8" V. ST. 2-18	60'
6" V. ST. 0-63	8" V. ST. 2-18	68'
	S.D. LEFT	

COMPLETED 8-22-91

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS \_\_\_\_\_ DATE \_\_\_\_\_  
CHIEF, BUREAU OF ENGINEERING \_\_\_\_\_ DATE \_\_\_\_\_

DES:			
DRN:			
CHK:			
DATE:	BY	NO.	REVISION

**SEWER AS-BUILDS**

600' SCALE MAP NO. \_\_\_\_\_ BLOCK NO. \_\_\_\_\_

THE TOWNHOMES OF TIMBERLAND  
CONTRACT NO. 14-1663-D  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
SHEET 7 OF 8

**WATER AS-BUILDS**

LOT	LOCATION	DISTANCE
TIMBERLAND CIR.		
8"V. ST. 0-03	S.D. LEFT	54'
AUTUMN RUST RD.		
8"V. ST. 5-00	8"V. ST. 0-03	3'
AUTUMN RUST RD.		
8"V. ST. 5-00	FH. ST. 5-46	57'
AUTUMN RUST RD.		
8"V. ST. 5-00	8"V. ST. 5-06	4'
AUTUMN RUST RD.		
8"V. ST. 5-06	6"V. ST. 5-46	35'
AUTUMN RUST RD.		
6"V. ST. 5-46	S.D. LEFT	16'
AUTUMN RUST RD.		
6"V. ST. 5-46	S.D. RIGHT	23'
FH. ST. 5-46	S.D. RIGHT	8'
FH. ST. 5-46	8"V. ST. 5-00	57'
LOT 1	FH. ST. 5-46	65'
	S.D. LEFT	79'
LOT 2	FH. ST. 5-46	63'
	S.D. LEFT	71'
LOT 3	FH. ST. 5-46	70'
	S.D. LEFT	41'
LOT 4	FH. ST. 5-46	75'
	S.D. LEFT	36'
LOT 5	FH. ST. 5-46	110'
	6"V. ST. 7-20	120'
LOT 6	FH. ST. 5-46	114'
	6"V. ST. 7-20	116'
LOT 7	S.D. LEFT	70'
	6"V. ST. 7-20	96'
LOT 8	S.D. LEFT	74'
	6"V. ST. 7-20	91'
LOT 9	LOT 8	25'
	6"V. ST. 7-20	88'
LOT 10	LOT 9	40'
	6"V. ST. 7-20	94'
LOT 11	6"V. ST. 7-20	97'
AUTUMN RUST RD.		
6"V. ST. 7-20	S.D. LEFT	122'
TIMBER PINE CT.		
8"V. ST. 0-03	MH 517	42'
	MH 503	44'
TIMBERLAND CIR.		
6"V. ST. 18-13	S.D. LEFT	36'
	MH 503	34'
FH. ST. 18-13	MH 517	39'
	MH 503	48'
LOT 12	MH 517	22'
	MH 516	36'
LOT 13	MH 517	41'
	MH 516	66'
LOT 14	MH 517	75'
	MH 516	37'
LOT 15	MH 517	101'
	MH 516	22'
LOT 16	MH 516	66'
LOT 17	MH 516	21'
	MH 515	92'
LOT 18	MH 516	17'
	MH 515	85'
LOT 19	MH 516	42'
	MH 515	41'
LOT 20	MH 516	69'
	MH 515	20'
LOT 21	MH 515	37'
LOT 22	MH 515	43'
LOT 23	MH 515	88'
LOT 24	MH 515	42'
LOT 25	MH 515	60'
	MH 503	98'
LOT 26	MH 515	69'
	MH 503	92'
LOT 27	MH 503	54'
LOT 28	MH 519	40'
	MH 514	80'
LOT 29	MH 519	38'
	MH 514	40'

LOT	LOCATION	DISTANCE
LOT 30	MH 519	40'
	MH 514	36'
LOT 31	MH 519	80'
	MH 514	36'
LOT 32	MH 514	74'
LOT 33	MH 514	45'
LOT 34	MH 514	42'
LOT 35	MH 514	57'
	MH 513	64'
LOT 36	MH 514	74'
	MH 513	46'
LOT 37	MH 513	46'
LOT 38	MH 513	49'
LOT 39	MH 513	84'
LOT 40	MH 513	50'
LOT 41	MH 513	45'
	8"V. ST. 0-03	86'
LOT 42	MH 513	40'
	8"V. ST. 0-03	80'
LOT 43	MH 513	84'
	8"V. ST. 0-03	40'
TIMBERLAND CIR.		
FH. ST. 14-18	S.D. RIGHT	94'
	MH 506	40'
LOT 44	MH 507	30'
	6"V. ST. 0-40	47'
LOT 45	MH 507	70'
	6"V. ST. 0-40	70'
LOT 46	MH 507	76'
	6"V. ST. 0-40	76'
LOT 47	MH 530	28'
LOT 48	MH 518	25'
	MH 512	55'
LOT 49	MH 518	40'
	MH 512	45'
LOT 50	MH 518	45'
	MH 512	40'
LOT 51	MH 518	85'
	MH 512	30'
LOT 52	MH 512	50'
	3" B-OFF ST. 2-50	30'
LOT 53	MH 512	43'
	MH 530	76'
LOT 54	MH 512	45'
	MH 530	72'
LOT 55	MH 512	75'
	MH 530	47'
LOT 56	MH 530	43'
LOT 57	MH 507	80'
	FH. ST. 0-40	55'
LOT 58	MH 507	75'
	FH. ST. 0-40	50'
LOT 59	MH 507	45'
	FH. ST. 0-40	10'
TIMBERLAND CIR.		
8"V. ST. 11-46	FH. ST. 0-40	38'
	S.D. RIGHT	20'
LOT 60	MH 508	48'
LOT 61	MH 508	75'
LOT 62	MH 508	83'
LOT 63	S.D. LEFT	36'
LOT 64	MH 509	90'
	FH. ST. 8-35	58'
LOT 65	MH 509	54'
	FH. ST. 8-35	20'
LOT 66	MH 509	49'
	FH. ST. 8-35	20'
LOT 67	MH 509	50'
	FH. ST. 8-35	45'
LOT 68	MH 509	68'
LOT 69	MH 509	107'
LOT 70	MH 509	110'
LOT 71	MH 509	155'
LOT 72	LOT 71	40'
LOT 73	LOT 71	85'
LOT 74	LOT 71	96'
	6"V. ST. 4-37	164'

LOT	LOCATION	DISTANCE
LOT 75	6"V. ST. 4-37	135'
LOT 76	LOT 75	45'
	FH. ST. 4-37	100'
LOT 77	6"V. ST. 4-37	70'
	FH. ST. 4-37	60'
LOT 78	6"V. ST. 4-37	65'
	FH. ST. 4-37	55'
LOT 79	6"V. ST. 4-37	65'
	FH. ST. 4-37	36'
TIMBERLAND CIR.		
6"V. ST. 8-35	MH 509	25'
	S.D. RIGHT	66'
LOT 80	MH 509	40'
	S.D. RIGHT	72'
LOT 81	MH 509	75'
	S.D. RIGHT	30'
LOT 82	MH 509	90'
	S.D. RIGHT	25'
LOT 83	S.D. RIGHT	40'
LOT 84	MH 508	75'
LOT 85	MH 508	39'
LOT 86	MH 508	34'
LOT 87	MH 508	36'
LOT 88	8"V. ST. 0-03	
	TIMB. VALLY CT.	46'
LOT 89	8"V. ST. 0-03	
	TIMB. VALLY CT.	68'
	S.D. RIGHT	86'
LOT 90	8"V. ST. 0-03	
	TIMB. VALLY CT.	72'
	S.D. RIGHT	80'
LOT 92	S.D. RIGHT	55'
	MH 551	70'
LOT 93	S.D. RIGHT	38'
	MH 551	53'
LOT 94	S.D. RIGHT	34'
	MH 551	50'
LOT 95	S.D. RIGHT	67'
	MH 551	71'
LOT 96	MH 503	70'
	8"V. ST. 0-03	
	TIMB. PINE CT.	91'
LOT 97	MH 503	67'
	8"V. ST. 0-03	
	TIMB. PINE CT.	71'
LOT 98	MH 503	82'
	8"V. ST. 0-03	
	TIMB. PINE CT.	67'
LOT 99	MH 503	114'
	8"V. ST. 0-03	
	TIMB. PINE CT.	90'
LOT 100	MH 501	78'
	MH 501	39'
	FH. ST. 0-63	100'
LOT 101	MH 501	50'
	FH. ST. 0-63	64'
LOT 102	MH 501	61'
	FH. ST. 0-63	49'
LOT 103	MH 501	92'
	FH. ST. 0-63	23'
MH 501	8"V. ST. 0-19	30'
	6"V. ST. 0-63	93'
LOT 104	FH. ST. 0-63	45'
	MH 550	105'
LOT 105	FH. ST. 0-63	65'
	MH 550	83'
LOT 106	FH. ST. 0-63	90'
	MH 550	63'
LOT 107	FH. ST. 0-63	100'
	MH 550	40'

COMPLETED 8-22-91

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS DATE CHIEF, BUREAU OF ENGINEERING DATE

DES:				
DRN:				
CHK:				
DATE:	BY	NO.	REVISION	DATE

WATER AS-BUILDS

THE TOWNHOMES OF TIMBERLAND  
CONTRACT NO. 14-1663-D  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE  
AS  
SHOWN

SHEET  
8 OF 8

600' SCALE MAP NO. \_\_\_\_\_ BLOCK NO. \_\_\_\_\_