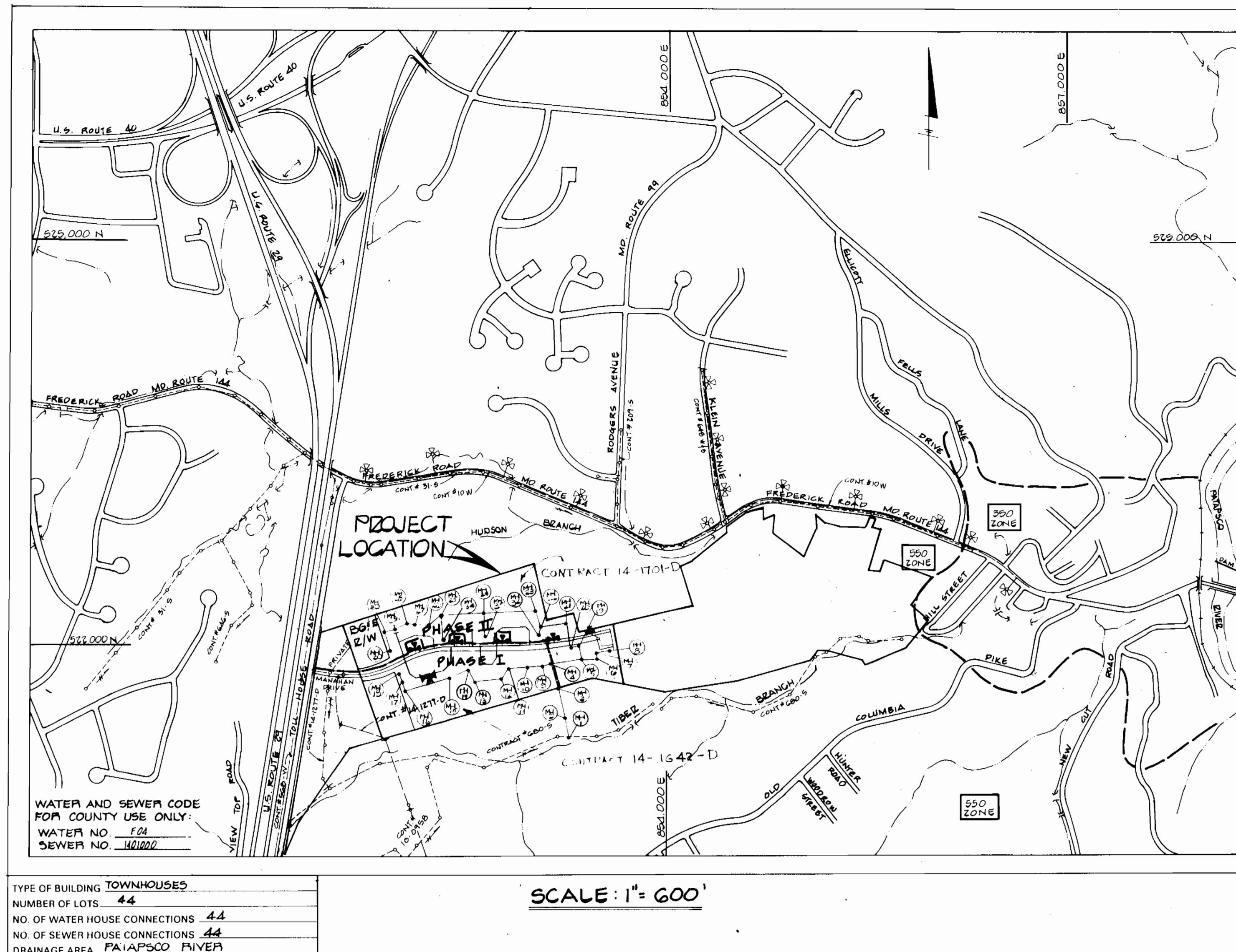


QUANTITIES PHASE I			
ITEM	EST'D	AS BUILT	SUPPLIER
12" WATER	1528 L.F.	1576'	UHP
6" WATER	471 L.F.		
6" WATER	829 L.F.	807	UHP
3/4" WHC	220 L.F.	308'	COPPER
1" WHC	611 L.F.	530'	COPPER
FIRE HYDRANTS	4	4	KENNEDY
12" VALVE	2	2	DIP
8" SEWER	2025 L.F.	1474'	PVC
8" SEWER D.I.P.	679 L.F.	543'	DIP
MANHOLES	14	14	CAST
1 1/2" BLOW-OFF	2	1	COPPER
3" BLOW-OFF	1		
6" VALVES EXCLUDING FH'S	10	10	DIP
6" FH VALVES	4	1	DIP
5" CH	15 L.F.	474'	PVC



- ### 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". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTACTED THE UTILITIES COMPANIES AND MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTORS 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 THE MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
  - THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE(5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.  
BALTIMORE GAS & ELECTRIC COMPANY - CONTRACTOR SERVICES: 561-2585  
BALTIMORE GAS & ELECTRIC COMPANY - UNDER GROUND DAMAGE CONTROL: 224-5871  
BALTIMORE GAS & ELECTRIC COMPANY - TROUBLE SHOOTING: 298-9013  
"MISS UTILITY": 1-559-0100  
CHESAPEAKE & POTOMAC TELEPHONE COMPANY: 725-9976  
BUREAU OF UTILITIES - HOWARD COUNTY: 992-2366
  - 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.
  - 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 CONSTRUCTION OF THE MAIN.
  - 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 SEWER MAINS SHALL BE C.S.P.X., R.C.S.P., P.V.C., V.C.P.X., OR ACP CLASS 2400 UNLESS OTHERWISE NOTED.
  - CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
  - ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER, UNLESS OTHERWISE NOTED.
  - MANHOLES SHOWN WITH 12" AND 16" WALLS ARE BRICK MANHOLES ONLY.
  - ALL WATER MAINS TO BE D.I.P. UNLESS OTHERWISE NOTED.
  - TOP OF WATER MAINS TO HAVE A MINIMUM OF 3'-4" COVER UNLESS OTHERWISE NOTED.
  - VALVES ADJACENT TO TREES SHALL BE STRAPPED TO TREES.
  - BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE 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 TO BE COMPACTED IN ACCORDANCE WITH SECTION 1003 AND 1008 OF THE STANDARD SPECIFICATIONS.
  - ALL WATER HOUSE CONNECTIONS SHALL BE FOR AN INSIDE METER SETTING.
  - THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
  - WATER MAINS AND WATER HOUSE CONNECTION LINES MUST BE PLACED 30 AS TO HAVE AT LEAST ONE(1) FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
  - MANHOLES LOCATED WITHIN PROPOSED ROADWAY SHALL HAVE STANDARD HEAVY TRAFFIC MANHOLE FRAME AND COVER, STANDARD DETAIL GS-51.
  - MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL G.E.S. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1'-4" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
  - W.T. DESIGNATES WATERTIGHT MANHOLES.
  - 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. 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  $\square$  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 MADE SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
  - ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.

PHASE NO.1  
 CONTRACT NO. 14-1642-D  
**TOLL HOUSE**  
 WATER AND SEWER MAIN EXTENSIONS  
**HOWARD COUNTY, MARYLAND**  
 DEPARTMENT OF PUBLIC WORKS

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL AND STANDARDS & SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL IN DEVELOPING AREAS & ALSO AS SHOWN ON THE GRADING AND SEDIMENT CONTROL PLAN (7-87-189)(EP-95-28)

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

REVIEW FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 U.S. SOIL CONSERVATION SERVICE DATE: 1/13/87

APPROVED: HOWARD SOIL CONSERVATION DISTRICT DATE: 1/13/87

STABILIZATION NOTES  
 FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1.) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWAILS, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3:1 2.) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

(LOTS 4 THRU 47)

CONTRACT NO. 14-1642-D  
 TOLL HOUSE  
 SECTION TWO  
 WATER & SEWER EXTENSION  
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works: James M. ... DATE: 7-16-87 Chief, Bureau of Engineering: ... DATE: 7-15-87 Chief, Bureau of Utilities: ... DATE: 7-15-87 Chief, Land Development Division: ... DATE: 7-15-87	DEWBERRY & DAVIS ARCHITECTS ENGINEERS PLANNERS SURVEYORS 3300 N. RIDGE ROAD SUITE 100 ELLICOTT CITY, MARYLAND 21043 (301) 461-7478	DES: C.H.L. DRN: J.A.U. CHK: B.D.B. DATE: 3/30/87 BY: NO. REVISION DATE	STEVEN G. ZAHN STATE OF MARYLAND PROFESSIONAL ENGINEER DATE: 3/30/87	TITLE SHEET 600' SCALE MAP NO. 24125 BLOCK NO. 1218, 7213	<b>TOLL HOUSE</b> SECTION 2 CONTRACT NO. 14-1642-D 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN SHEET 1 OF 2
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AS-BUILT



FERRELL  
L. 1985 P. 609  
EX. ZONING P-10

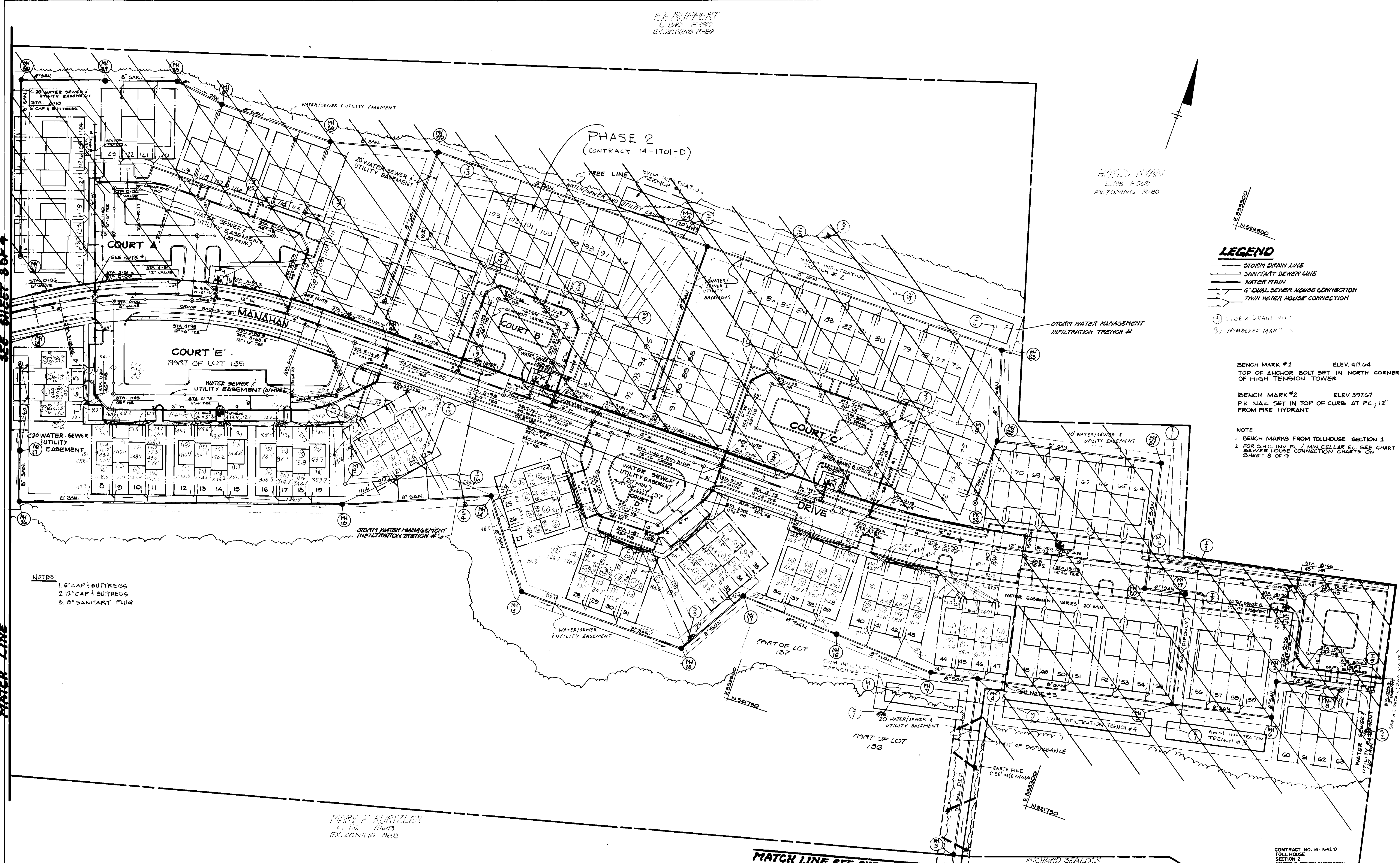
HAYES RYAN  
L. 1985 P. 609  
EX. ZONING P-10

**LEGEND**

- STORM DRAIN LINE
- SANITARY SEWER LINE
- WATER MAIN
- G" DUAL SEWER HOUSE CONNECTION
- TWIN WATER HOUSE CONNECTION
- ① STORM DRAIN INLET
- ② NUMBERED MANHOLE

- BENCH MARK #1 ELEV. 417.64  
TOP OF ANCHOR BOLT SET IN NORTH CORNER OF HIGH TENSION TOWER
- BENCH MARK #2 ELEV. 397.67  
P.K. NAIL SET IN TOP OF CURB AT P.C. 12' FROM FIRE HYDRANT

- NOTE:  
1. BENCH MARKS FROM TOLLHOUSE SECTION 1  
2. FOR S.H.C. INV. EL. / MIN. CELLAR EL. SEE CHART SEWER HOUSE CONNECTION CHARTS ON SHEET 8 OF 9



- NOTES:  
1. 6" CAP; BUTTRISS  
2. 12" CAP; BUTTRISS  
3. 8" SANITARY PLUG

MARY K. KURTZLEY  
L. 1985 P. 609  
EX. ZONING P-10

RICHARD SEALOCK  
L. 1985 P. 609  
EX. ZONING P-10

CONTRACT NO. 14-1642-D  
TOLL HOUSE  
SECTION 2  
WATER & SEWER EXTENSION  
HOWARD COUNTY, MARYLAND

SEE SHEET 3 OF 9

MATCH LINE

MATCH LINE SEE SHEET 6 OF 9

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

**DEWBERRY & DAVIS**  
ARCHITECTS - ENGINEERS - PLANNERS - SURVEYORS

3300 N. RIDGE ROAD SUITE 100  
ELLCOTT CITY, MARYLAND 21043  
(301) 461-7478

DES: C.H.L.

DRN:

CHK: B.D.B.

DATE: 09/30/87

BY NO.

REVISION

DATE

600' SCALE MAP NO. 24.9.25 BLOCK NO. 12.9.18, 7.9.13

**PLAN**  
**WATER & SEWER MAINS**

SCALE: 1" = 50'

DATE APRIL 28, 1987

**PHASE 1**  
**TOLL HOUSE**

SECTION 2 CONTRACT NO. 14-1642-D  
2 ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE  
AS SHOWN

SHEET  
2 OF 8

BRUNING 44-12-09150

James J. ...  
DIRECTOR OF PUBLIC WORKS  
DATE 7-15-87

Michael H. ...  
CHIEF, BUREAU OF ENGINEERING  
DATE 7-16-87

Michael H. ...  
CHIEF, LAND DEVELOPMENT DIVISION  
DATE 7-16-87

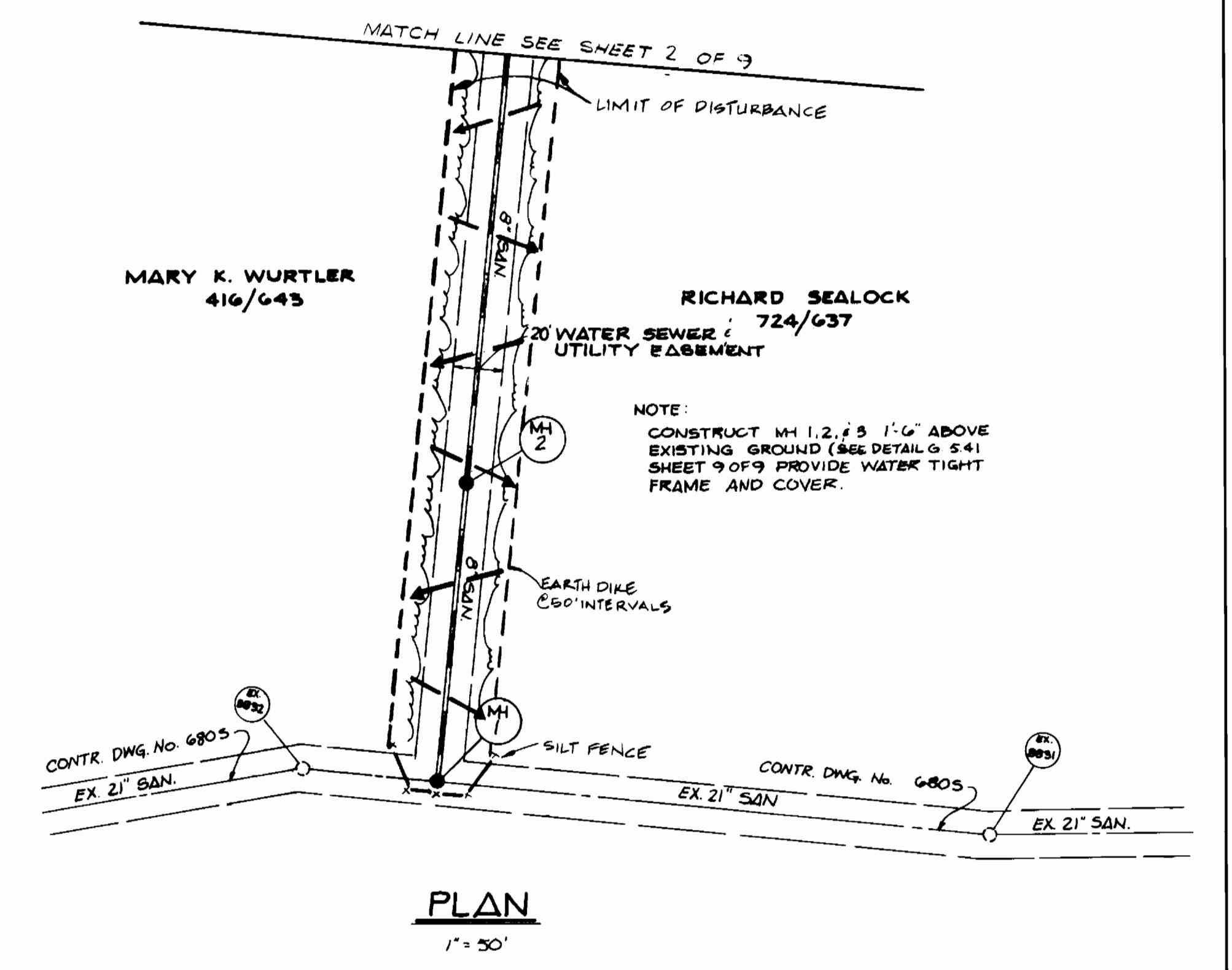
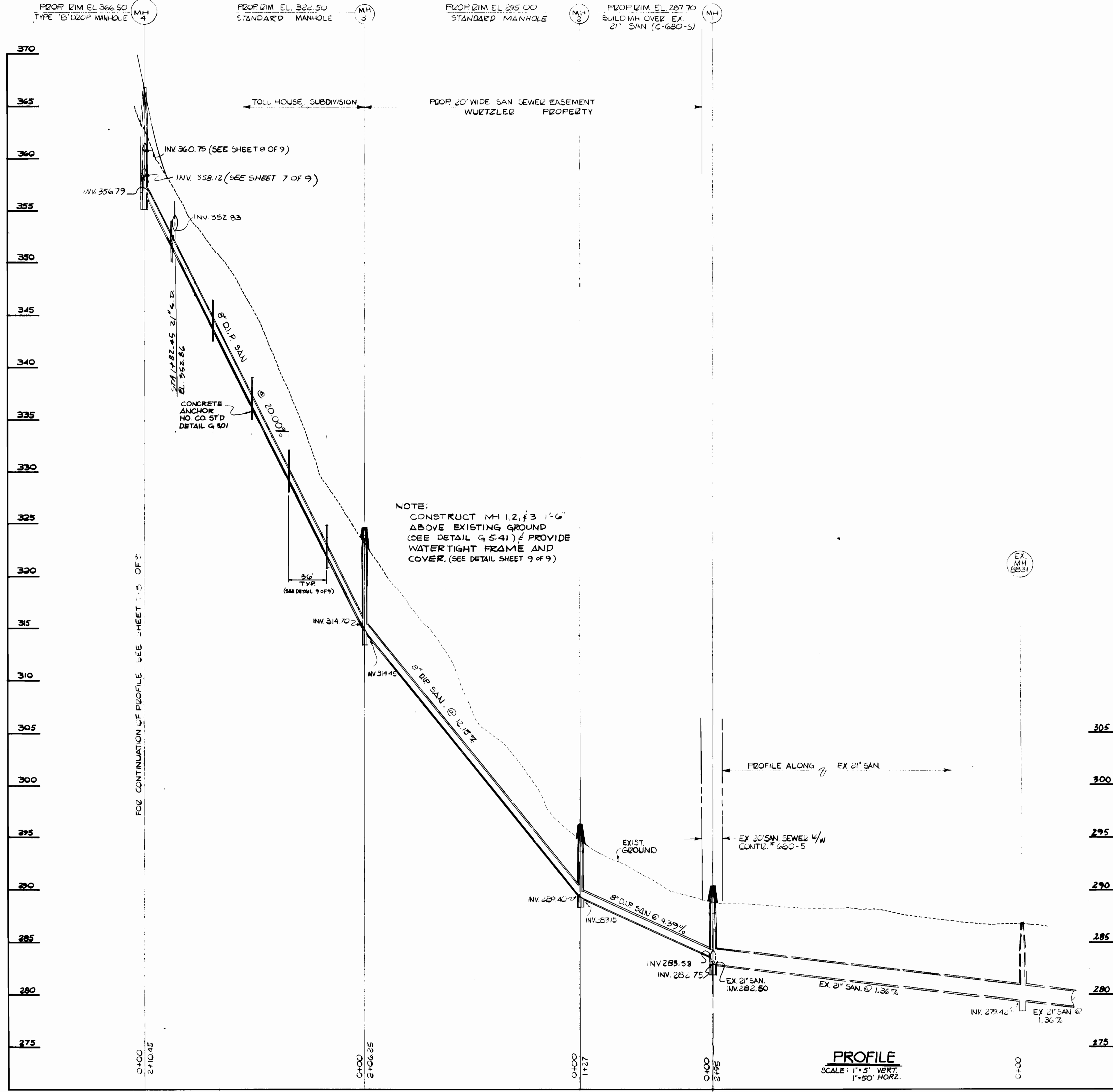
STEVEN G. ZAHN DATE

AS-BUILT









NOTE:  
 CONSTRUCT MH 1, 2, 3 1'-6"  
 ABOVE EXISTING GROUND  
 (SEE DETAIL G 5.41) & PROVIDE  
 WATER TIGHT FRAME AND  
 COVER. (SEE DETAIL SHEET 9 OF 9)

NOTE:  
 CONSTRUCT MH 1, 2, 3 1'-6"  
 ABOVE EXISTING GROUND (SEE DETAIL G 5.41  
 SHEET 9 OF 9) PROVIDE WATER TIGHT  
 FRAME AND COVER.

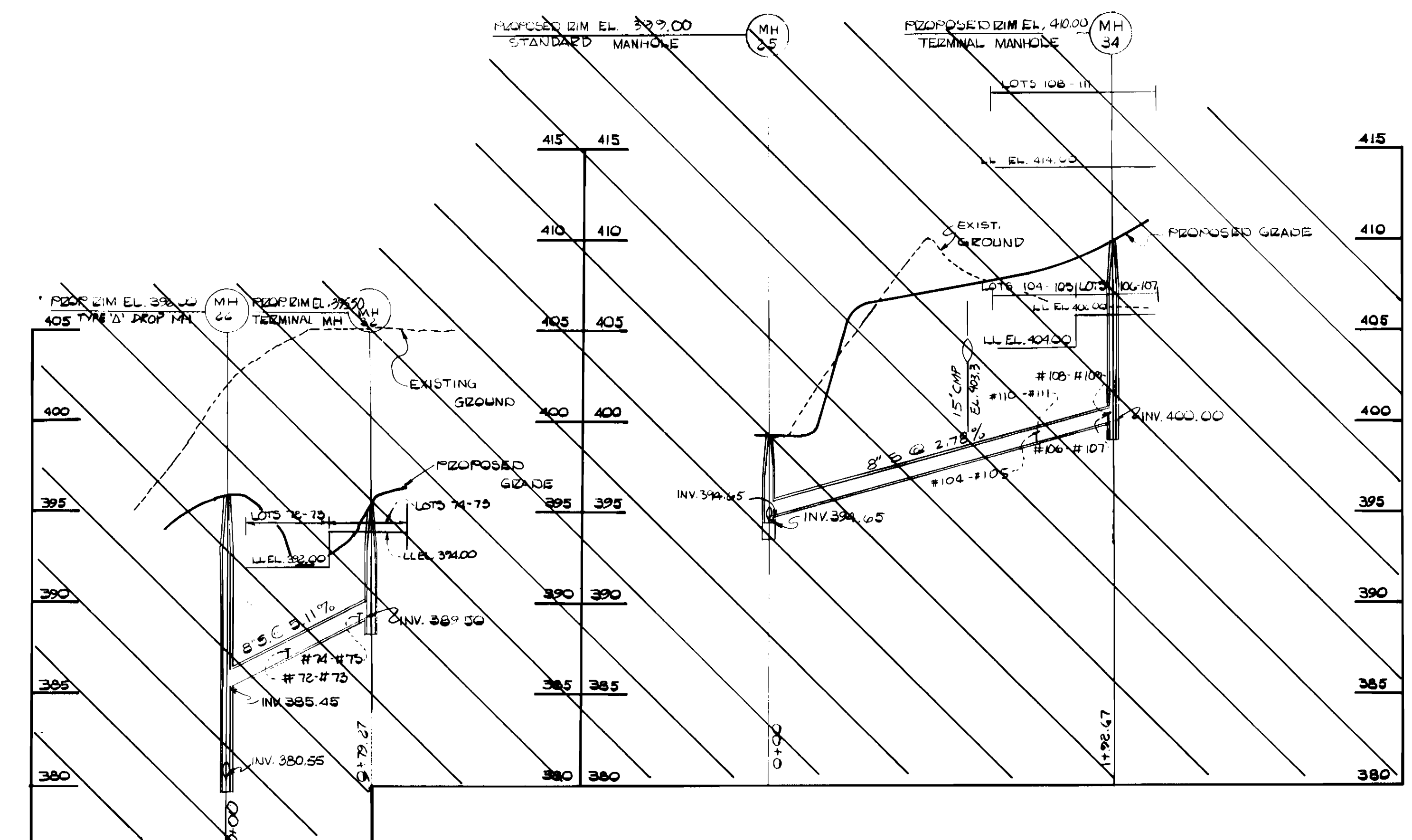
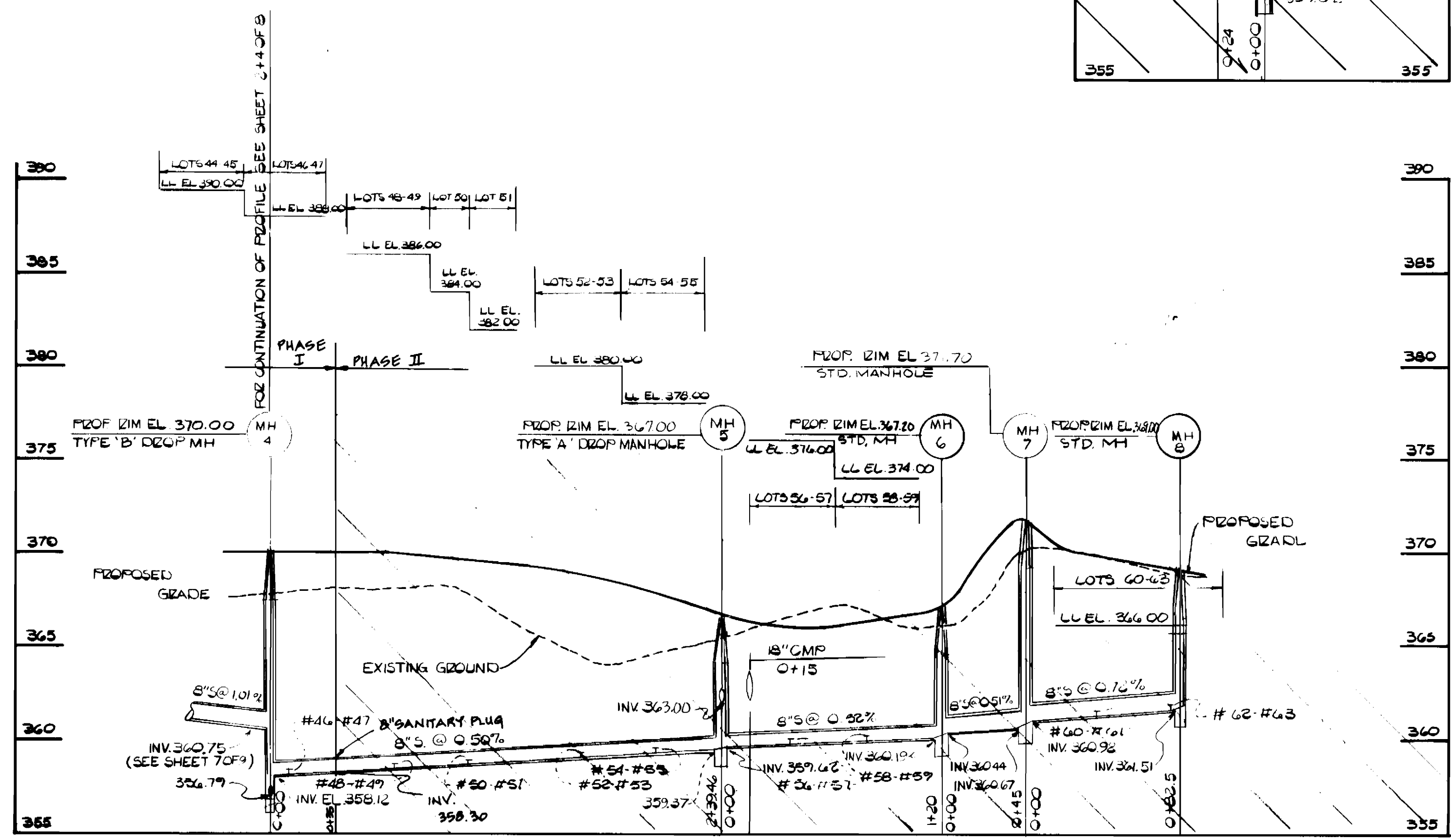
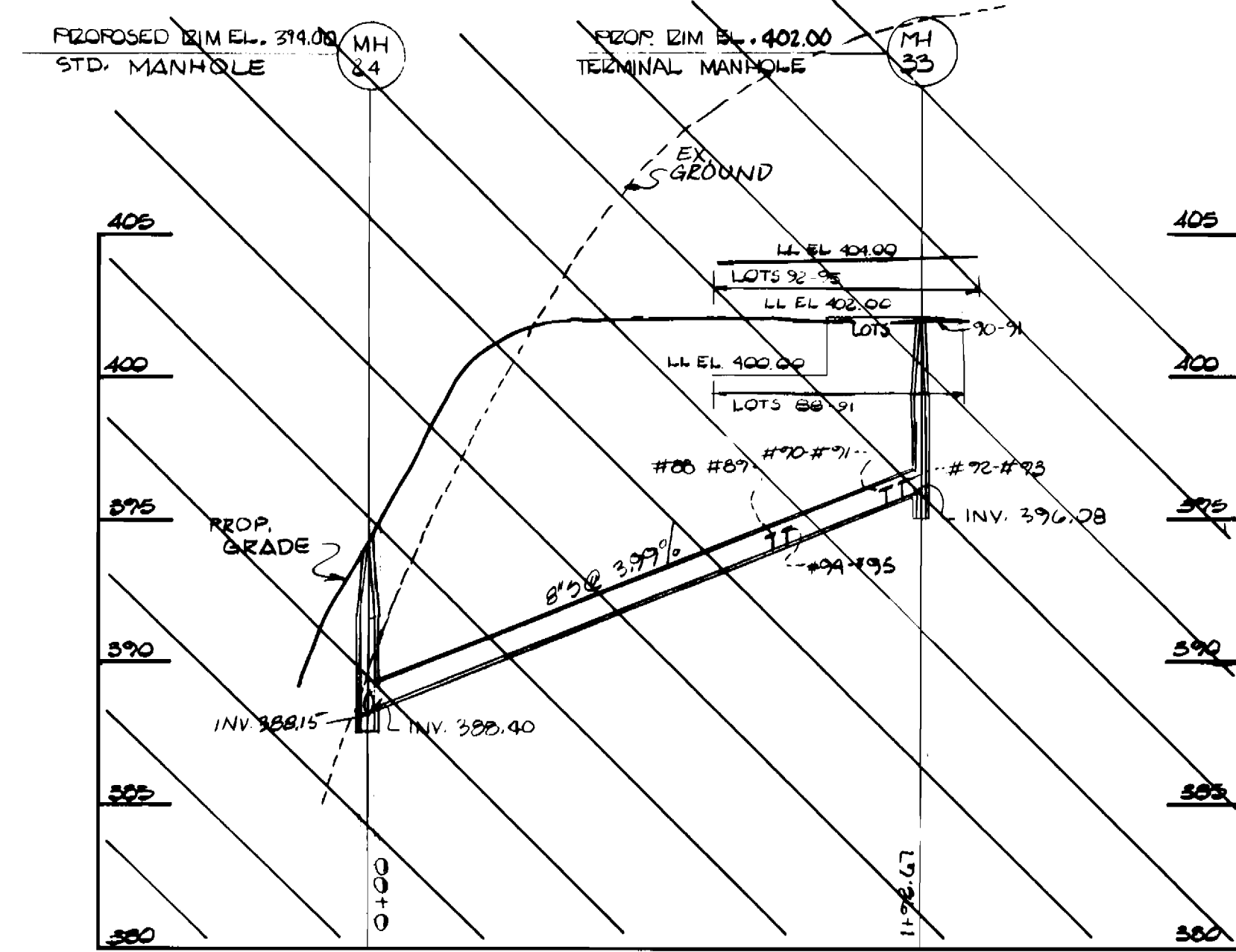
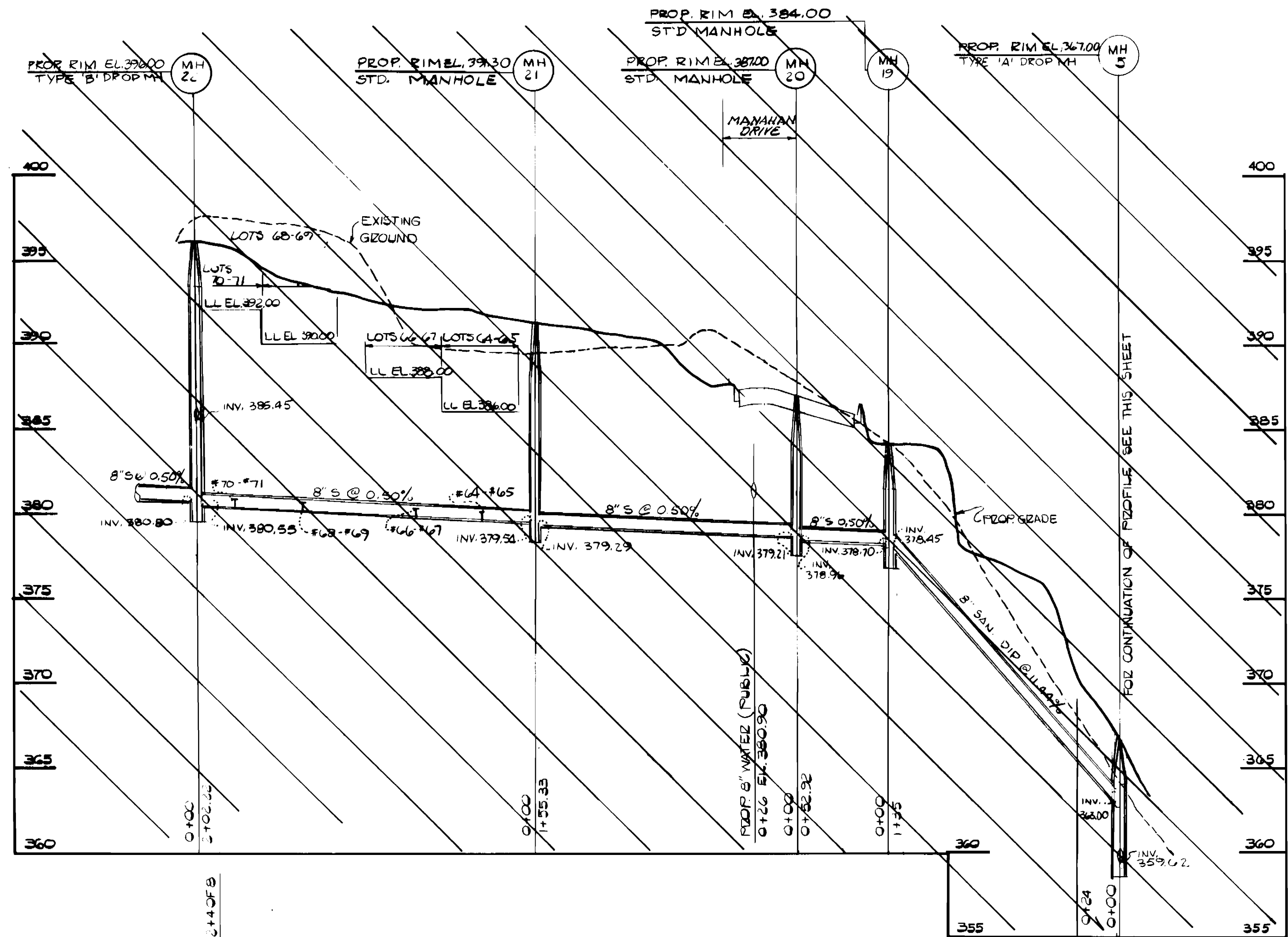
PROFILE  
 SCALE: 1"=5' VERT.  
 1"=50' HORIZ.

PLAN  
 1"=50'

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DIRECTOR OF PUBLIC WORKS <i>Michael A. ...</i> DATE 7-15-87 CHIEF, BUREAU OF UTILITIES	DEWBERRY & DAVIS ARCHITECTS ENGINEERS PLANNERS SURVEYORS 3300 N. RIDGE ROAD SUITE 100 ELLICOTT CITY, MARYLAND 21043 (301) 461-7478 STEVEN G. ZAHN DATE	DES: C.H.L.			PLAN & PROFILE SEWER MAINS PHASE I	CONTRACT NO. 14-1642-D <b>TOLL HOUSE</b> TAX MAPS 24 & 25 PARCELS 210 & 254 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN
		DRN: J.O.					SHEET 5 OF 8
		CHK: B.D.B.					
		DATE: 03/30/91	BY NO.	REVISION	DATE	600' SCALE MAP NO. 24.125 BLOCK NO. 121B, 7213	

AS-BUILT





BRUNING 44 12 03190

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DATE: 7-16-87  
DATE: 7-15-87

DATE: 7-16-87  
DATE: 7-15-87

**DEWBERRY & DAVIS**  
ARCHITECTS ENGINEERS PLANNERS SURVEYORS

3300 N. RIDGE ROAD SUITE 100  
ELLCOTT CITY, MARYLAND 21043  
(301) 461-7478

DES: C.H.L.	BY: NO.	REVISION	DATE
DRN: W.O.			
CHK: R.D.B.			
DATE: 03/30/87			

**PROFILE  
SEWER MAINS  
PHASE I**

SCALE: 1" = 5' VERT.  
1" = 50' HORIZ.

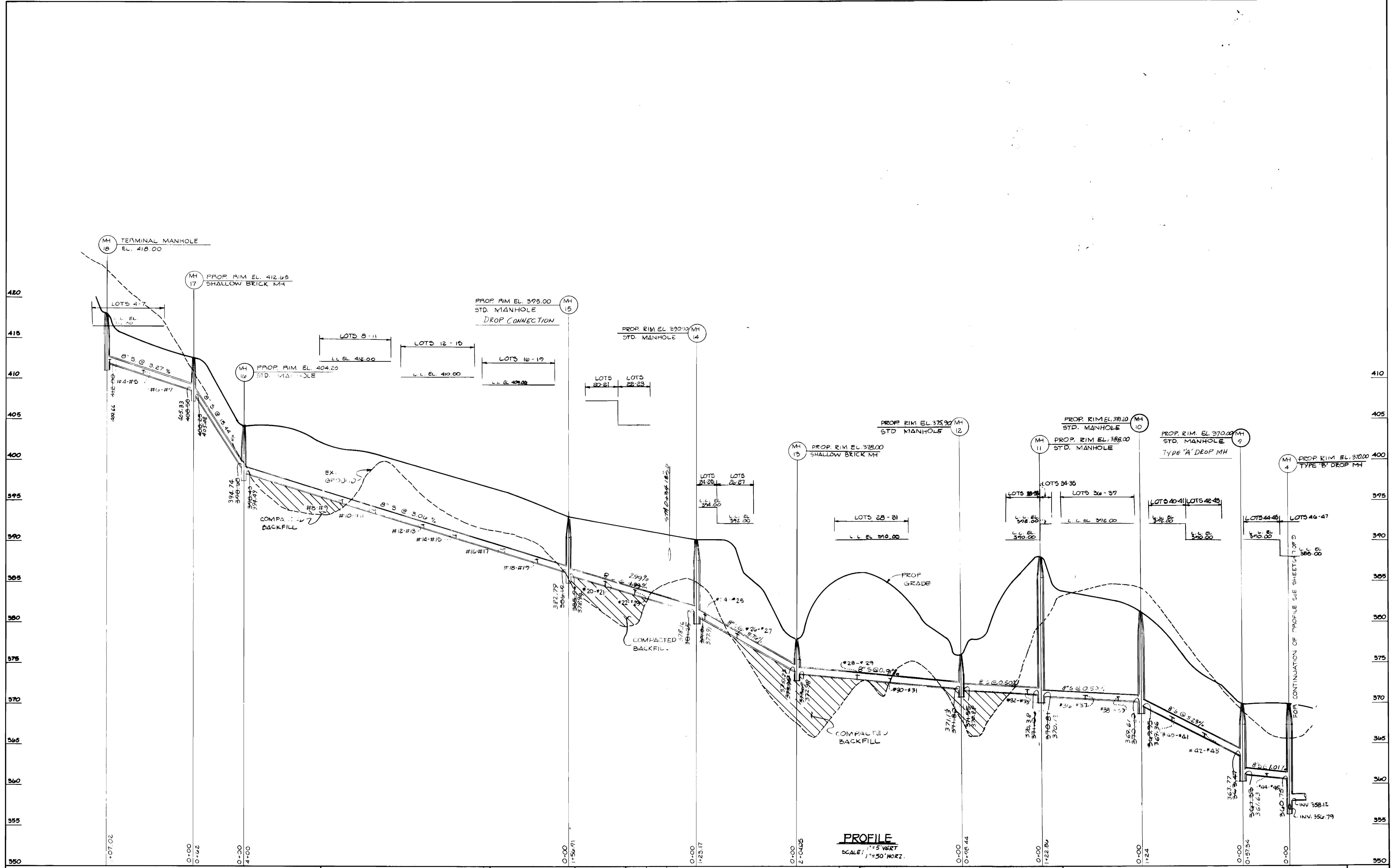
600' SCALE MAP NO. 24-25 BLOCK NO. 12-10 7-13

CONTRACT NO. 14-1642-D  
**TOLL HOUSE**  
TAX MAPS 24 & 25 PARCELS 210 & 254  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 6 OF 8

AS-BUILT



**PROFILE**  
 SCALE: 1"=5' VERT.  
 1"=50' HORIZ.

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

Michael A. ...  
 CHIEF, BUREAU OF UTILITIES

7/15/87

**DEWBERRY & DAVIS**  
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS  
 3300 N. RIDGE ROAD SUITE 100  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 461-7478

STEVEN G. ZAHN  
 DATE: 03/31/87

DES: C.H.L.	
DRN: W.O.	
CHK: B.D.B.	
DATE: 03/31/87	
BY NO.	
REVISION	
DATE	

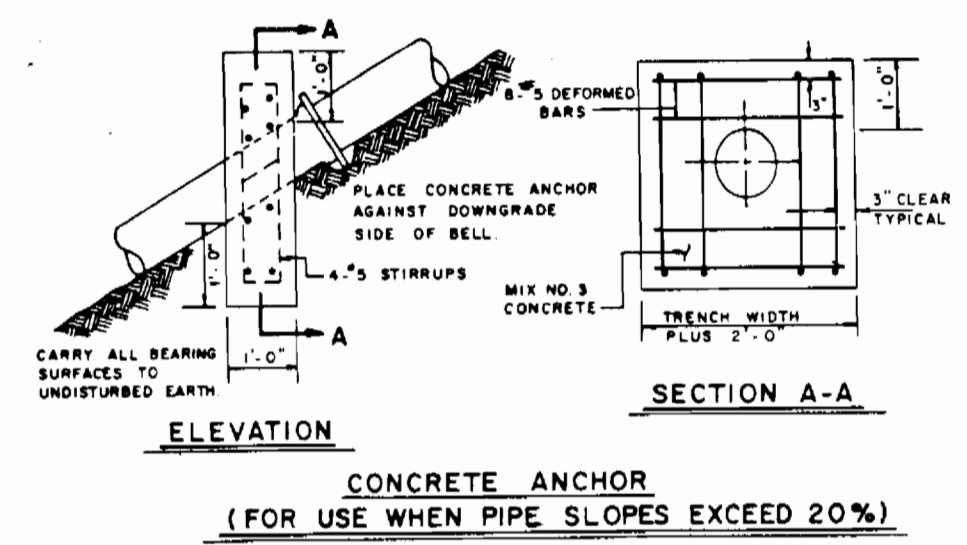
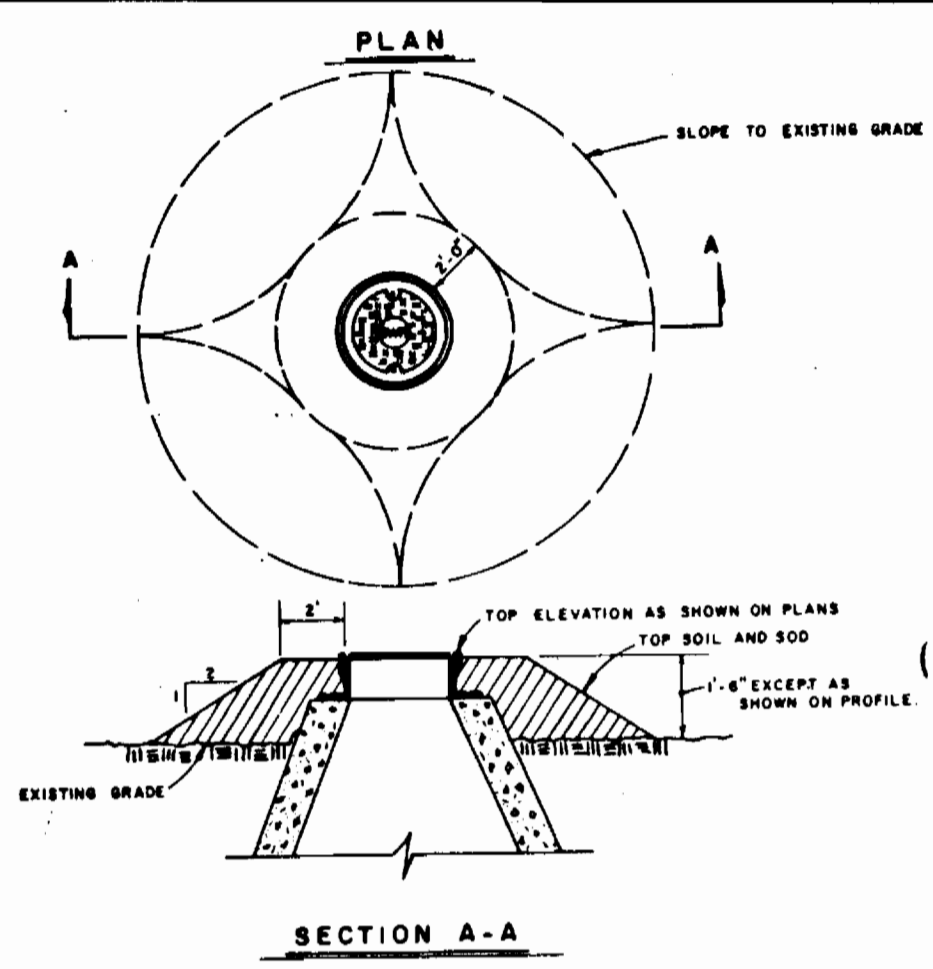
**PROFILE SEWER MAINS PHASE I**

600' SCALE MAP NO. 24 & 25 BLOCK NO. 12 & 13 7213

CONTRACT NO. 14-1642-D  
**TOLL HOUSE**  
 TAX MAPS 24 & 25 PARCELS 254 & 210  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
 SHEET 1 OF 5



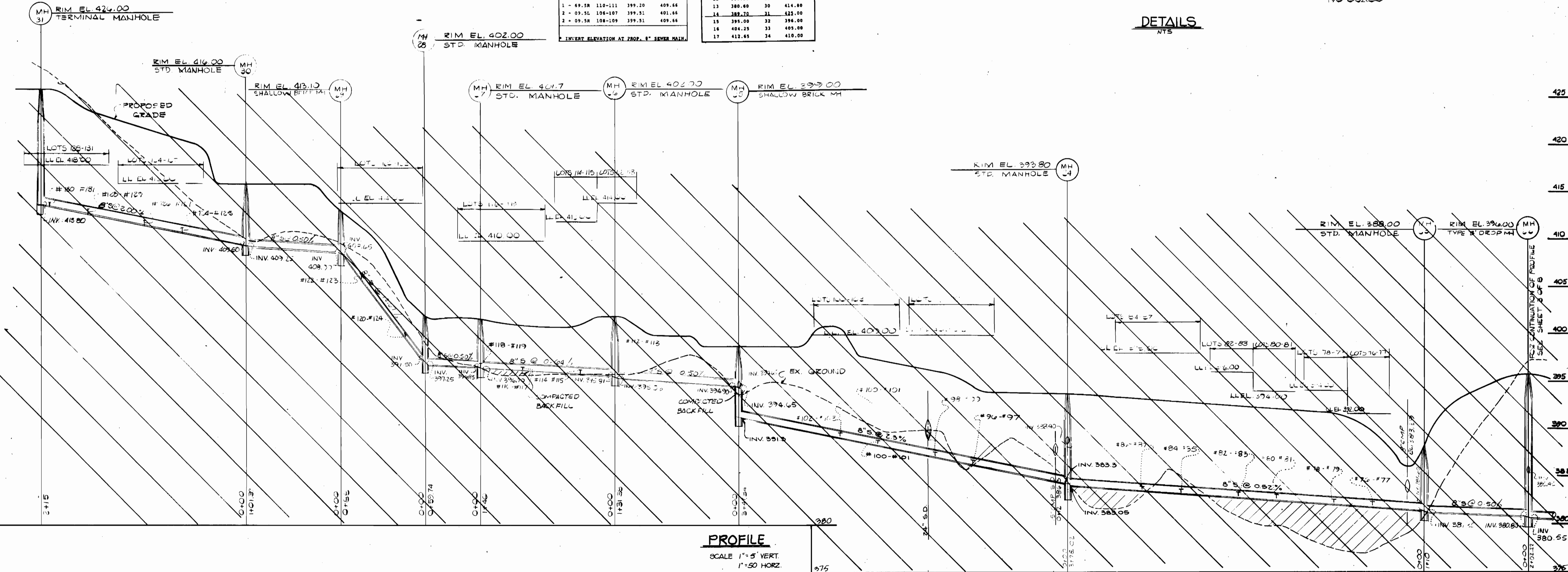
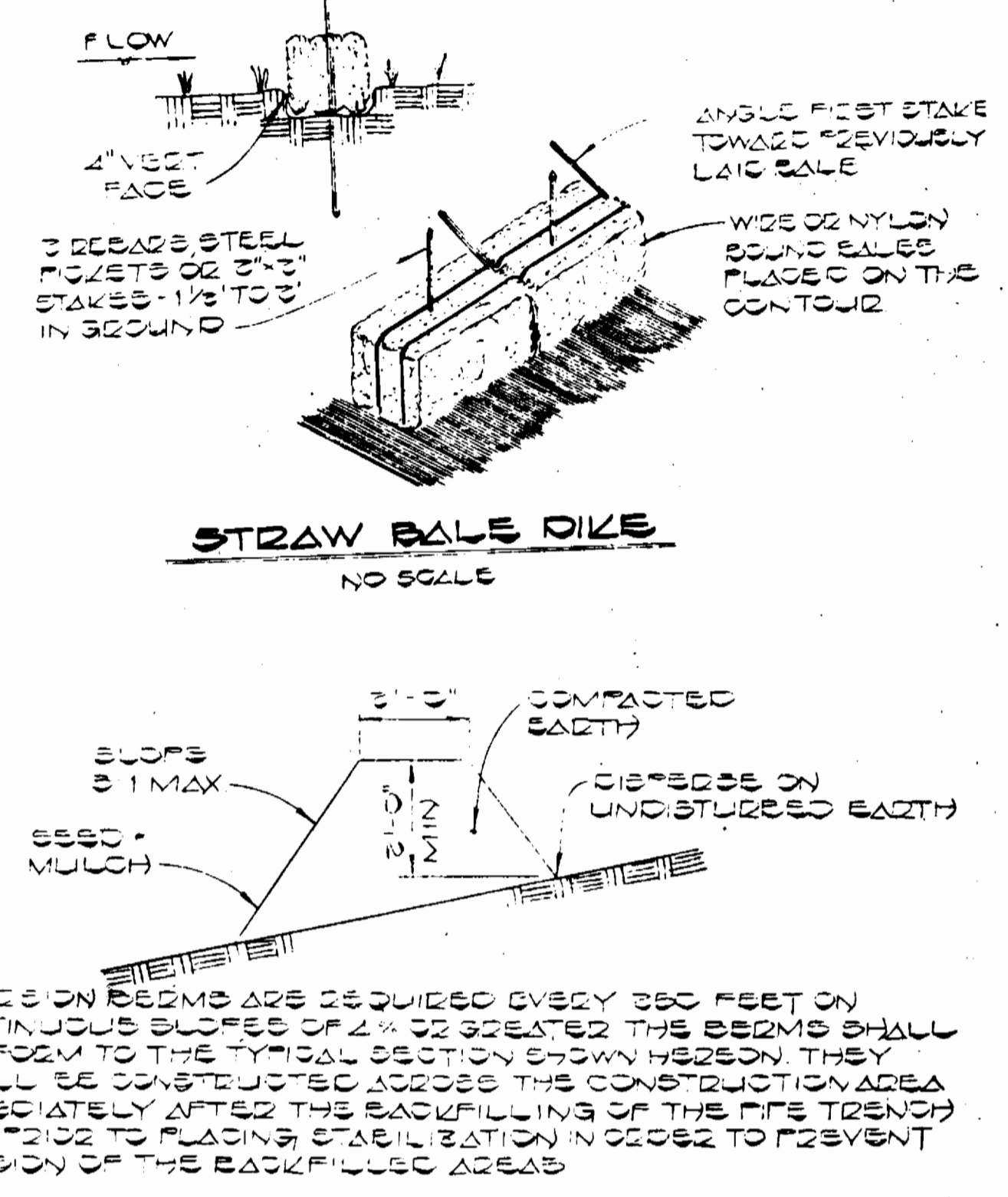
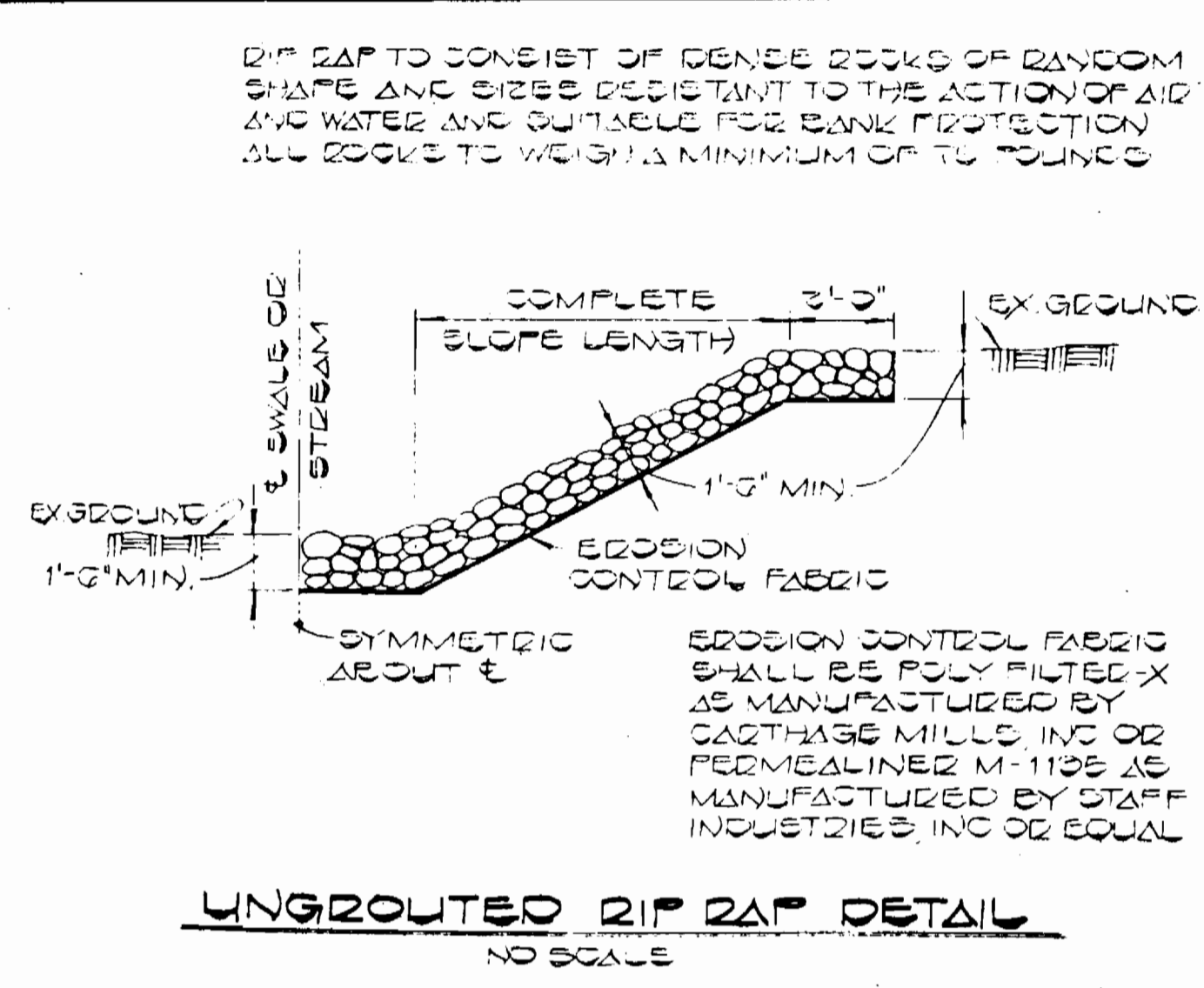


**NOTES**

1. ALL MANHOLE FRAME AND COVERS SHALL BE PLUMB WITH GRADE EXCEPT WHEN SHOWN ON PROFILE TO BE SET HIGHER THAN GRADE.
2. MANHOLE FRAME AND COVERS TO BE SET HIGHER THAN GRADE SHALL BE SET IN ACCORDANCE WITH THIS DETAIL.
3. MANHOLE FRAMES AND COVERS TO BE SET HIGHER THAN 1'6\"/>

**SEWER HOUSE CONNECTION ELEVATION**

STA.	LOT	INV. @ E.	MIN. CELLAR	STA.	LOT	INV. @ E.	MIN. CELLAR
NH 4 - NH 5							
0 + 13.5	46-47	358.39	383.66	0 + 37.5	18-19	387.34	404.66
0 + 73.5	48-49	358.69	381.66	0 + 77.5	20-21	388.76	404.66
1 + 13.5	50-51	358.89	379.66	1 + 37.5	22-23	390.50	405.66
1 + 73.5	52-53	359.19	379.66	1 + 77.5	24-25	391.92	405.66
2 + 13.5	54-55	359.39	373.66	2 + 37.5	26-27	393.66	405.66
2 + 77.5	8 - 9	394.08	407.66	2 + 77.5	28-29	394.08	407.66
NH 6 - NH 7							
0 + 40.5	56-57	359.99	371.66	0 + 84.5	30-31	382.70	387.66
0 + 80.5	58-59	360.19	369.66	0 + 84.5	32-33	384.24	389.66
NH 8 - NH 9							
0 + 37.5	60-61	361.39	361.66	0 + 81.5	28-29	383.24	389.66
0 + 77.5	62-63	361.69	361.66	1 + 21.5	80-81	384.49	389.66
NH 10 - NH 11							
0 + 27	44-45	361.22	385.66	1 + 21.5	82-83	385.03	391.66
NH 12 - NH 13							
0 + 46.5	42-43	366.34	389.66	1 + 21.5	84-85	386.44	393.66
0 + 86	40-41	368.20	387.66	1 + 21.5	86-87	387.52	393.66
NH 14 - NH 15							
0 + 32	38-39	370.66	387.66	1 + 21.5	88-89	388.49	395.66
0 + 72	36-37	378.66	387.66	1 + 40.5	98-99	391.2	395.66
1 + 19	34-35	373.24	387.66	2 + 08.5	100-101	392.41	395.66
NH 16 - NH 17							
0 + 12.5	32-33	371.24	385.66	2 + 40.5	102-103	394.32	395.66
NH 18 - NH 19							
0 + 86.5	30-31	372.85	385.66	2 + 40.5	104-105	399.20	399.66
1 + 26.5	28-29	373.15	385.66	1 + 69.5	110-111	399.20	409.66
NH 20 - NH 21							
0 + 75.5	26-27	378.33	387.66	2 + 09.5	106-107	399.51	409.66
1 + 15.5	24-25	380.73	389.66	2 + 09.5	108-109	399.51	409.66
NH 22 - NH 23							
0 + 77	22-23	384.44	399.66	2 + 09.5	110-111	399.20	409.66
1 + 13	20-21	385.01	402.66	2 + 09.5	112-113	396.01	409.66
NH 24 - NH 25							
0 + 24.5	120-121	402.20	409.66	2 + 09.5	114-115	396.50	405.66
0 + 64.5	122-123	406.60	409.66	1 + 40	118-119	396.71	405.66
NH 26 - NH 27							
0 + 67.5	124-125	410.85	413.76	0 + 00	112-113	396.01	409.66
1 + 07.5	126-127	411.65	413.76	0 + 37.5	114-115	396.20	407.66
1 + 67.5	128-129	412.85	413.76	0 + 97.5	116-117	396.50	405.66
2 + 07.5	130-131	413.65	413.76	1 + 40	118-119	396.71	405.66
NH 28 - NH 29							
0 + 31.5	74-75	387.32	387.66	0 + 24.5	120-121	402.20	409.66
0 + 71.5	72-73	389.38	389.66	0 + 64.5	122-123	406.60	409.66
NH 30 - NH 31							
1 + 41.5	88-89	393.13	395.66	1 + 287.70	18	418.00	
1 + 45.5	94-95	393.51	397.66	2 + 295.00	19	385.00	
1 + 81.5	90-91	394.18	397.66	3 + 322.50	20	387.00	
1 + 85.5	92-93	394.25	397.66	4 + 346.50	21	390.50	
NH 32 - NH 33							
1 + 89.5	104-105	399.20	399.66	5 + 366.00	22	396.00	
1 + 89.5	110-111	399.20	409.66	6 + 367.00	23	392.00	
2 + 09.5	106-107	399.51	409.66	7 + 372.00	24	396.50	
2 + 09.5	108-109	399.51	409.66	8 + 379.00	25	402.00	
NH 34 - NH 35							
2 + 09.5	110-111	399.20	409.66	9 + 387.25	26	402.00	
2 + 09.5	112-113	396.01	409.66	10 + 388.00	27	401.00	
2 + 09.5	114-115	396.50	405.66	11 + 381.30	28	403.20	
2 + 09.5	116-117	396.50	405.66	12 + 380.50	29	414.30	
2 + 09.5	118-119	396.71	405.66	13 + 380.60	30	414.80	
2 + 09.5	120-121	402.20	409.66	14 + 382.20	31	423.00	
2 + 09.5	122-123	406.60	409.66	15 + 395.00	32	394.00	
2 + 09.5	124-125	410.85	413.76	16 + 404.25	33	405.00	
2 + 09.5	126-127	411.65	413.76	17 + 412.65	34	410.00	



**PROFILE**  
SCALE 1" = 5' VERT.  
1" = 50' HORIZ.

<p><b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND</p> <p><i>[Signature]</i> DIRECTOR OF PUBLIC WORKS DATE 7-15-87</p>	<p><b>DEWBERRY &amp; DAVIS</b> ARCHITECTS ENGINEERS PLANNERS SURVEYORS</p> <p>3300 N. RIDGE ROAD SUITE 100 ELLCOTT CITY, MARYLAND 21043 (301) 461-7478</p>	<p><b>STATE OF MARYLAND</b> REGISTERED PROFESSIONAL ENGINEER</p> <p><i>[Signature]</i> STEVEN G. ZANN DATE 03/30/87</p>	<p>DES: C.H.L. DRN: W.O. CHK: S.D.P.</p> <p>DATE 03/30/87</p>	<p><b>PROFILE &amp; DETAILS</b> <b>SEWER MAINS</b> <b>PHASE I</b></p>	<p>CONTRACT NO. 14-1642-D <b>TOLL HOUSE</b> TAX MAPS 24 &amp; 25 PARCELS 210 &amp; 254 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	<p>SCALE AS SHOWN SHEET 2 OF 2</p>
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AS-BUILT