

DESCRIPTION	QUANTITY	'AS BUILT'
27-Inch Sewer	5,100 L.F.	3057 L.F.
24-Inch Sewer	1,290 L.F.	1,306 L.F.
21-Inch Sewer	5 L.F.	0
15-Inch Sewer	1,050 L.F.	1,028 L.F.
12-Inch Sewer	1,230 L.F.	1,209 L.F.
10-Inch Sewer	2,335 L.F.	2,772 L.F.
8-Inch Sewer	13,550 L.F.	13,312 L.F.
6-Inch Sewer	2,125 L.F.	2,017 L.F.
Manholes	775 V.F.	810 V.F.

AREA SYMBOL	AREA ACRES	POPULATION	ULT. AVG. NON-DOMESTIC SEWAGE FLOW (M.G.D.)	ULT. AVG. DOMESTIC SEWAGE FLOW (M.G.D.)	ULT. PEAK FLOW (M.G.D.)	PEAK INDUSTRIAL WASTE FLOW (M.G.D.)	DESIGN FLOW (M.G.D.)
A	1,818	7,400	0.019	0.833	2.620	0.075	2.695
B	1,980	6,640	0.002	0.757	2.530	0.010	2.540
A-B	3,798	14,040	0.021	1.590	4.680	0.085	4.765
C	172	1,398	0.052	0.117	0.470	0.120	0.590
A-C	3,970	15,438	0.053	1.707	5.010	0.213	5.223
D	553	3,813	0.010	0.478	1.620	0.040	1.660
A-D	4,523	19,251	0.063	2.185	6.060	0.254	6.314
E	809	5,232	0.059	0.545	1.965	0.236	2.201
A-E	5,332	24,364	0.122	2.730	7.270	0.492	7.762
F	192	1,536	0	0.177	0.712	0	0.712
A-F	5,524	25,900	0.122	2.907	7.640	0.492	8.132
G	588	4,170	0.440	0.440	2.480	2) 2.480	2.580
A-G	16,112	38,070	0.562	3.387	8.650	2.840	10.480
H	303	2,524	0	0.293	1.048	0	1.048
A-H	6,415	32,594	0.562	3.680	9.270	1.830	11.100

1) Ultimate sewage flow incorporates effluent contributed to sanitary sewer by Hammond Park Middle and Elementary School of 1400 pupils using 35 gallons/day per student.
 2) Ultimate discharge from Maryland Virginia Milk Producers Association, including 0.100 m.g.d. per 100 acres considering future development of M-R Zoning.

NOTE: Sewer Pipes - Johns-Manville ACP Class 2400-unless noted otherwise

CONTRACT NO. 529-S

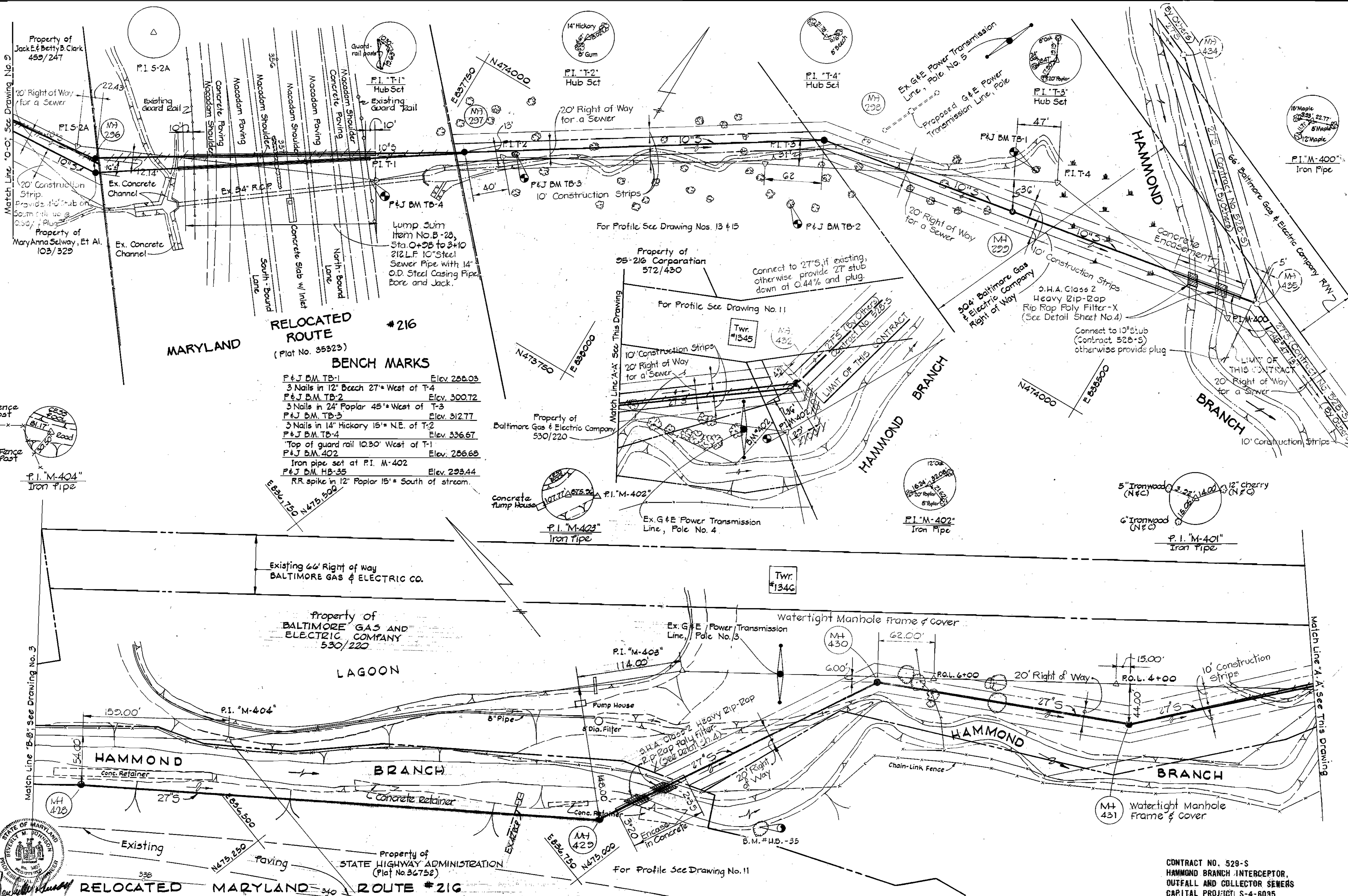
HAMMOND BRANCH SANITARY SEWERS

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

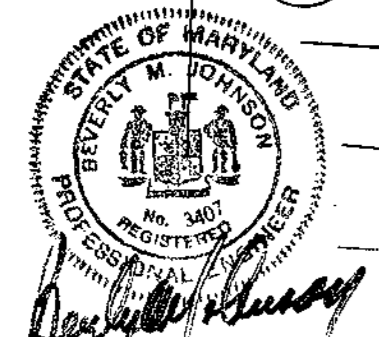
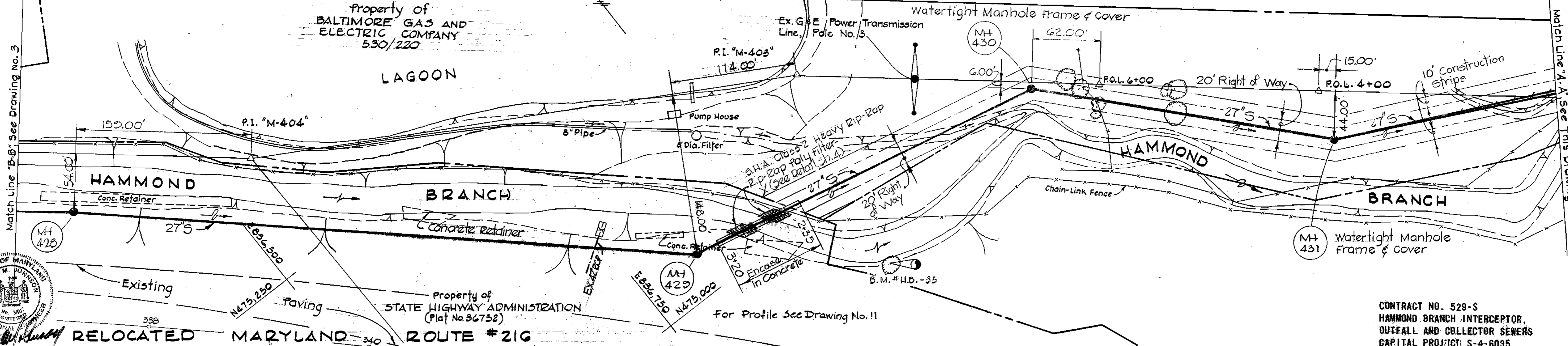
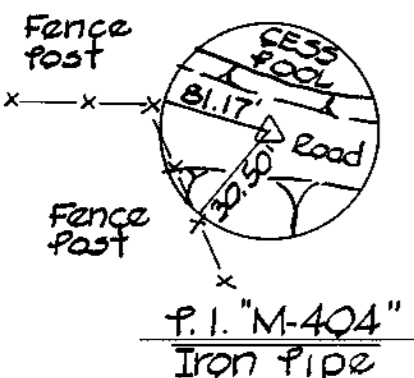


PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 8-7-73 CHIEF - BUREAU OF ENGINEERING	CONTRACT NO. 529-S	LOCATION MAP OF SANITARY SEWERS	ELECTION DISTRICT NO. 6	DRAWING NO. 1 OF 16 SCALE AS SHOWN	POS. SHEETS 15, 19, 20, 24 27, 28, 29, 30 31, 32, 33, 34 35, 36, 37, 38, 39
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RELOCATED ROUTE #216 BENCH MARKS
(Plat No. 35323)

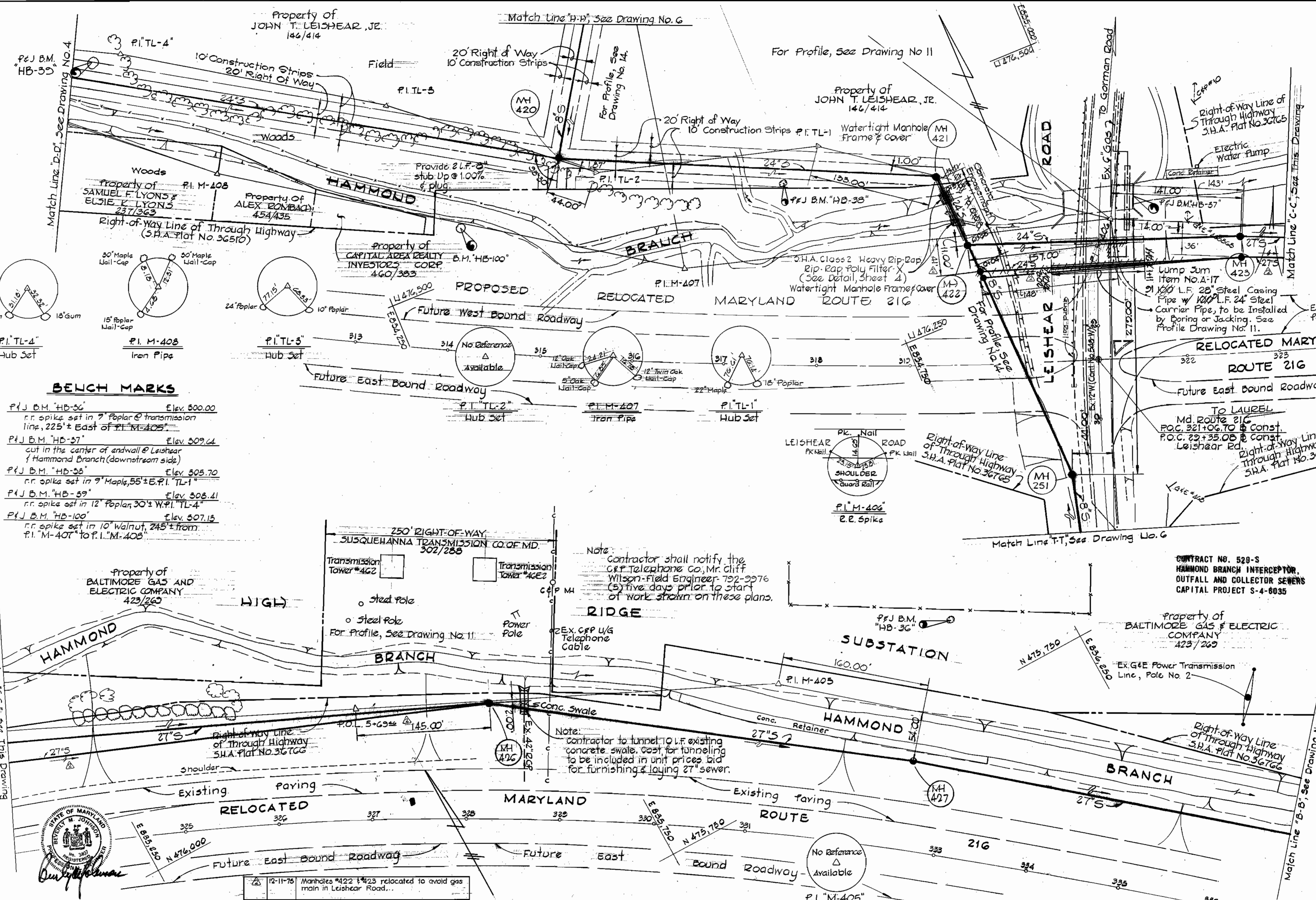
P & J B.M. TB-1	Elev. 288.03
3 Nails in 12" Beech 27' West of T-4	
P & J B.M. TB-2	Elev. 300.72
3 Nails in 24" Poplar 45' West of T-3	
P & J B.M. TB-3	Elev. 312.77
3 Nails in 14" Hickory 15' N.E. of T-2	
P & J B.M. TB-4	Elev. 336.67
Top of guard rail 10.30' West of T-1	
P & J B.M. 402	Elev. 286.68
Iron pipe set at P.I. M-402	
P & J B.M. HB-35	Elev. 293.44
RR spike in 12" Poplar 15' South of stream.	



WS 529-5/2

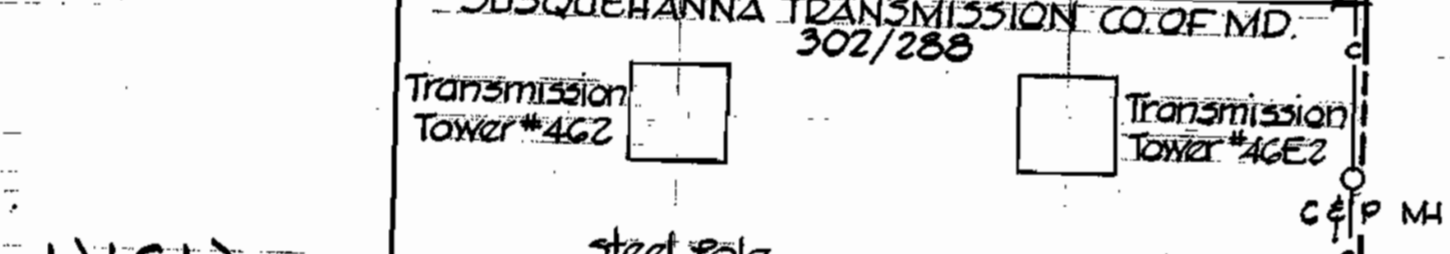
21-22-76
10-22-76
45 BUILT

PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE 8-7-73 W. O. Fildes CHIEF BUREAU OF ENGINEERING	CONTRACT NO. 529-S	PLAN HAMMOND BRANCH SEWERS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 2 OF 18	SCALE 1" = 50'	DESIGNED: T.A. DRAFTED: R.D.E. CHECKED: T.A.P. PLS. SHEETS 2, 3, 35, 36, 38
					CONTRACT NO. 529-S HAMMOND BRANCH INTERCEPTOR, OUTFALL AND COLLECTOR SEWERS CAPITAL PROJECT S-4-6035		



BENCH MARKS

P.F.J. B.M. "HB-36"	Elev. 300.00
r.r. spike set in 9' Poplar @ transmission line, 225'± East of P.I. M-405	
P.F.J. B.M. "HB-37"	Elev. 309.64
cut in the center of endwall @ Leishear of Hammond Branch (downstream side)	
P.F.J. B.M. "HB-38"	Elev. 305.70
r.r. spike set in 9' Maple, 55'± E. P.I. "TL-1"	
P.F.J. B.M. "HB-39"	Elev. 308.41
r.r. spike set in 12' Poplar, 30'± W. P.I. "TL-4"	
P.F.J. B.M. "HB-100"	Elev. 307.13
r.r. spike set in 10' Walnut, 245'± from P.I. M-407 to P.I. M-408	



Note: Contractor shall notify the C&P Telephone Co., Mr. Cliff Wilson-Field Engineer-792-3976 (5) five days prior to start of work shown on these plans.

Note: Contractor to tunnel 10 L.F. existing concrete swale. Cost for tunneling to be included in unit prices bid for furnishing & laying 27" sewer.



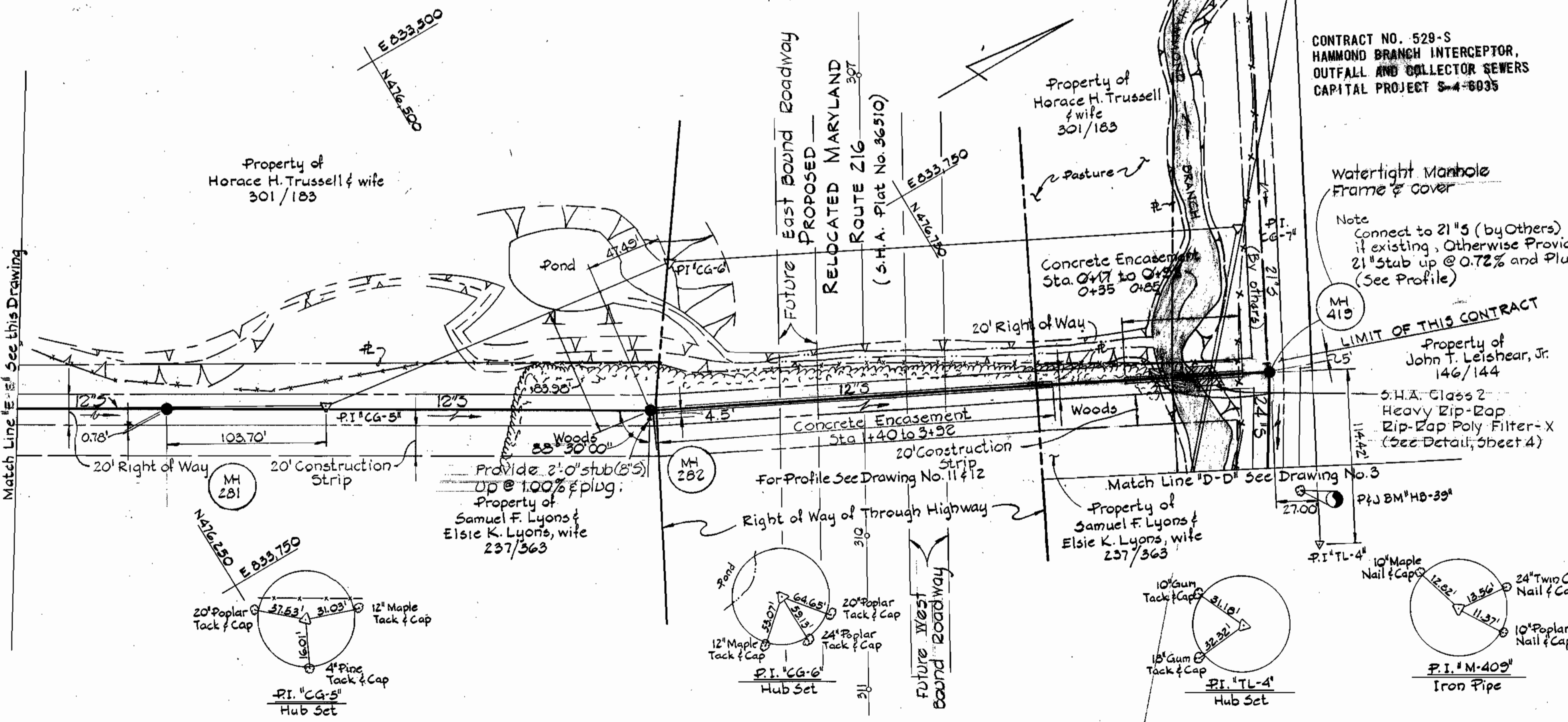
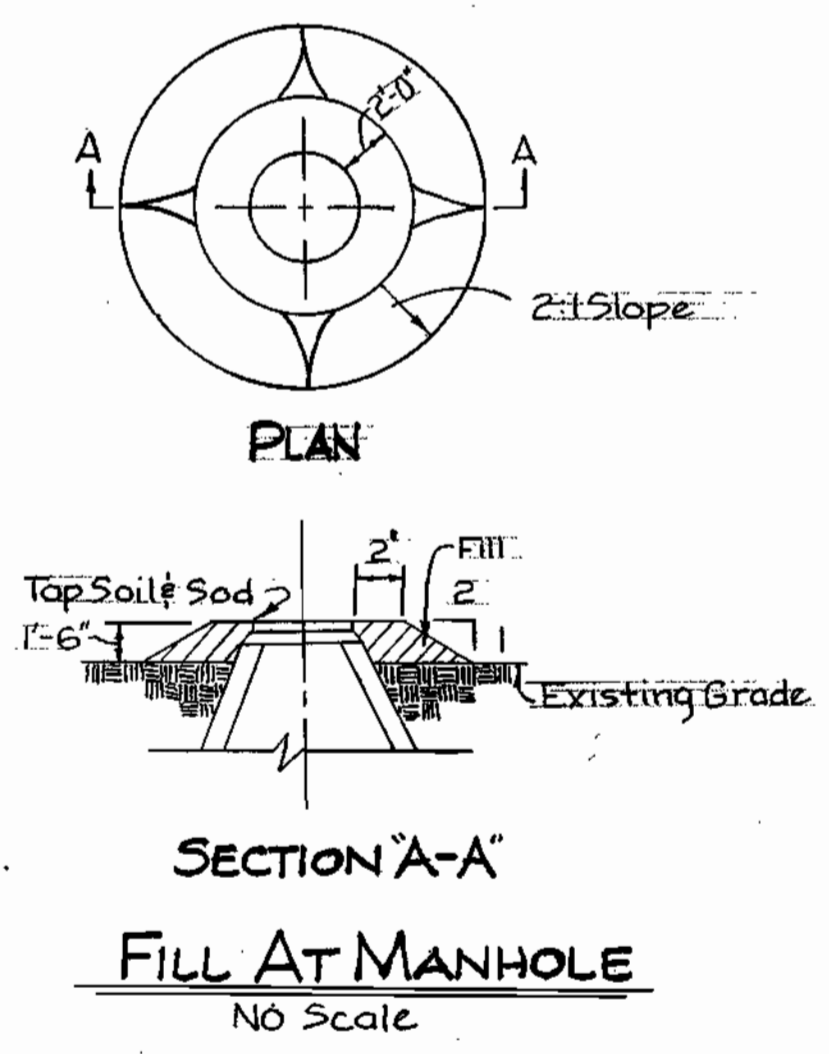
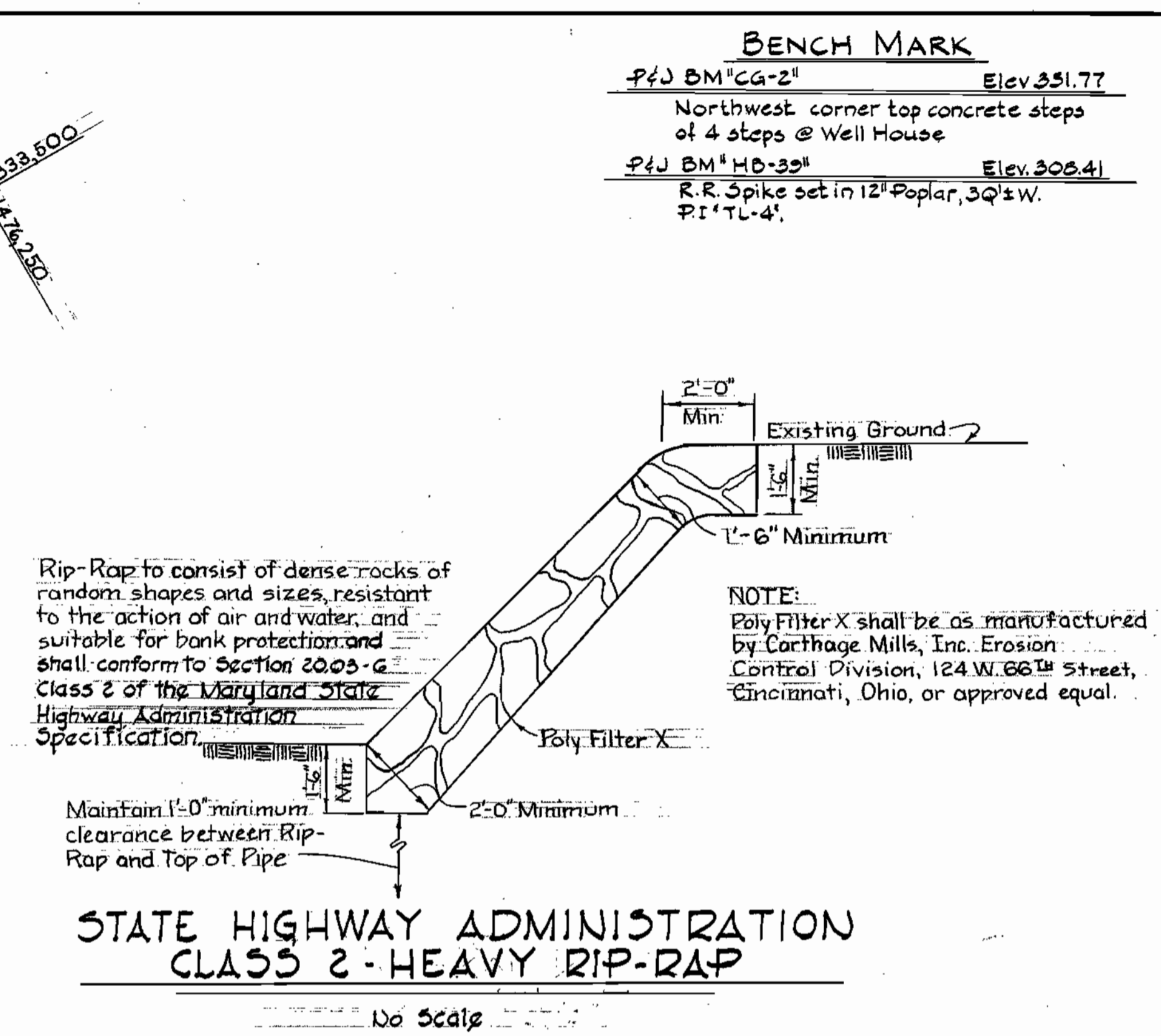
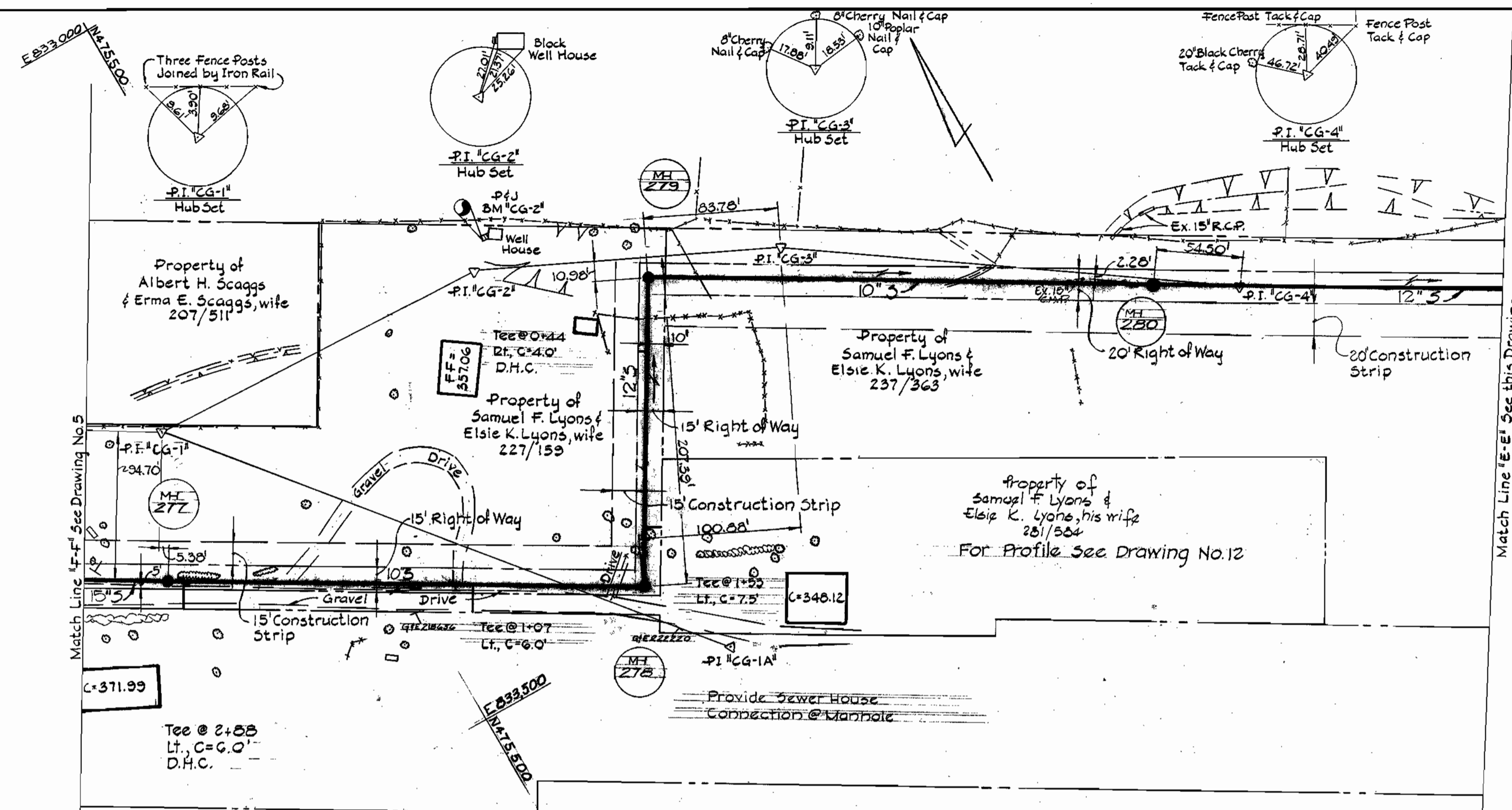
REV.	DATE	REMARKS
1	12-11-75	Manholes #422 & #423 relocated to avoid gas main in Leishear Road...

PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 8-7-73 W.O. Albert CHIEF BUREAU OF ENGINEERING	CONTRACT NO. 529-S	PLAN HAMMOND BRANCH SEWERS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 3 OF 18	SCALE 1" = 50'	DESIGNED: T.A.F. DRAFTED: P.D.B. CHECKED: T.A.F. PLS. SHEETS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32
	PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND						

WS 529-S/3

"AS BUILT" 10-22-76

WS 529-S/4



PURDUM & JESCHKE
 ENGINEERS
 1023 N. CALVERT ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DATE 8-7-73
 W. O. Albert
 CHIEF BUREAU OF ENGINEERING

CONTRACT NO. 529-S

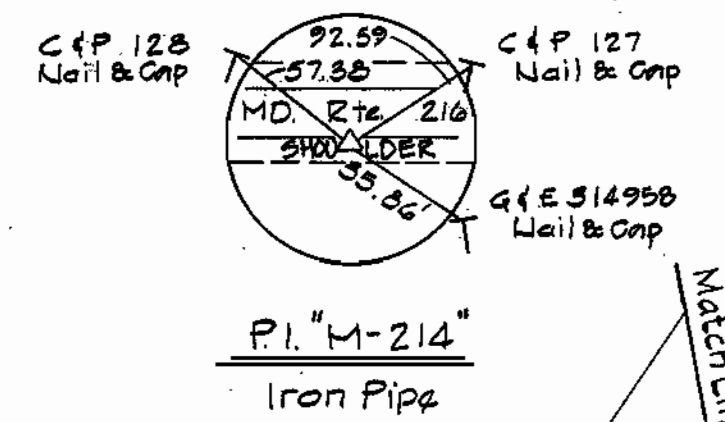
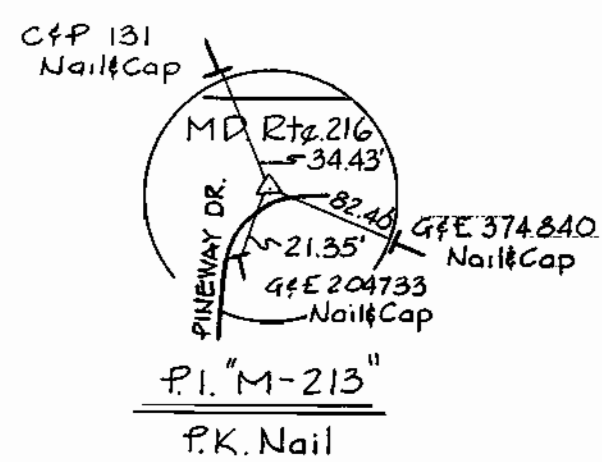
PLAN
 HAMMOND BRANCH SEWERS

ELECTION DISTRICT
 GUILFORD NO. 6

DRAWING SCALE
 NO. 4 OF 16
 1"=50'

Designed: T.A.F.
 Drafted: TAW
 Checked: TAF
 Pgs. Sheets 27, 30

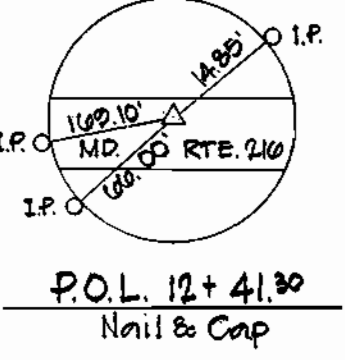
91-22-01
 "A" BUILT



BENCH MARKS

P&J B.M.#8 Elev. 384.21
 b.b. of fire hydrant N. side
 of Md. Rte. 216, 10' E of C&P 130,
 100' E. N.E. P.I. M-213.

P&J B.M.#9 Elev. 380.80
 r.r. spike in G&E pole #204775
 South side Md. Rte. 216, SE corner
 of intersection of Md. Rte 216 &
 Pineway Drive.



BENCH MARKS

P&J B.M.#10 Elev. 381.93
 Roadside b.b. of fire hydrant N. Side Md. Rte. 216, 14' E of
 C&P 134, 50' E of P.O.L. 10+05.27 between P.I. M-212 & P.I. M-213.

P&J B.M.#11 Elev. 384.77
 40 penny nail in C&P pole #136 N. Side Md. Rte. 216, 50' West
 of P.O.L. 6+95.12 between P.I. M-212 & P.I. M-213.

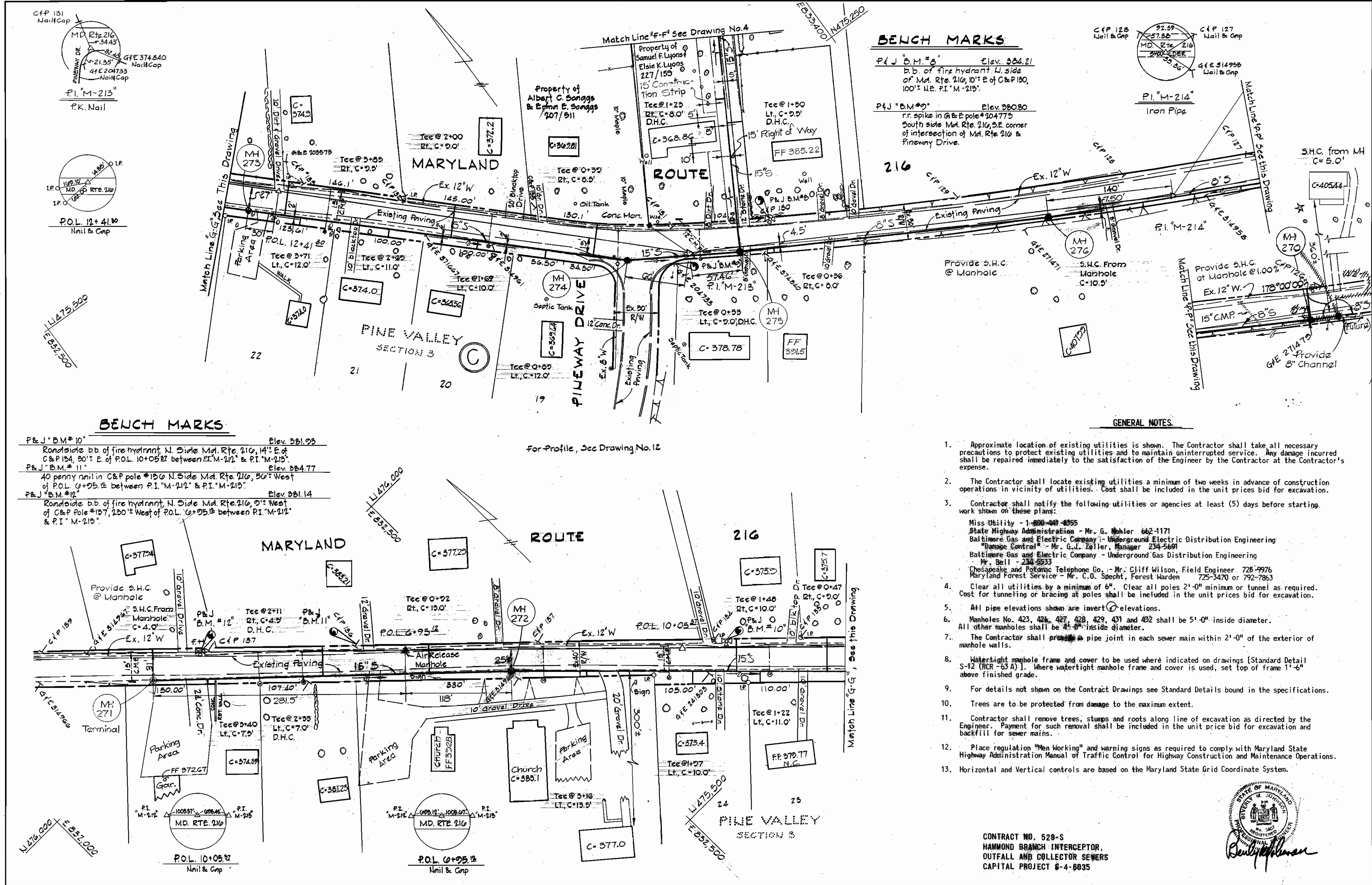
P&J B.M.#12 Elev. 381.14
 Roadside b.b. of fire hydrant, N. Side Md. Rte. 216, 2' West
 of C&P Pole #137, 230' West of P.O.L. 6+95.12 between P.I. M-212
 & P.I. M-213.

GENERAL NOTES

1. Approximate location of existing utilities is shown. The Contractor shall take all necessary precautions to protect existing utilities and to maintain uninterrupted service. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer by the Contractor at the Contractor's expense.
2. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities. Cost shall be included in the unit prices bid for excavation.
3. Contractor shall notify the following utilities or agencies at least (5) days before starting work shown on these plans:
 Miss Utility - 1-800-447-8955
 State Highway Administration - Mr. G. Mohler 662-1171
 Baltimore Gas and Electric Company - Underground Electric Distribution Engineering
 Damage Control - Mr. G.J. Zeller, Manager 234-5691
 Baltimore Gas and Electric Company - Underground Gas Distribution Engineering
 Mr. Bell - 234-5533
 Chesapeake and Potomac Telephone Co. - Mr. Cliff Wilson, Field Engineer 725-9976
 Maryland Forest Service - Mr. C.O. Specht, Forest Warden 725-3470 or 792-7853
4. Clear all utilities by a minimum of 6". Clear all poles 2'-0" minimum or tunnel as required. Cost for tunneling or bracing at poles shall be included in the unit prices bid for excavation.
5. All pipe elevations shown are invert elevations.
6. Manholes No. 423, 424, 427, 428, 429, 431 and 432 shall be 5'-0" inside diameter. All other manholes shall be 4'-0" inside diameter.
7. The Contractor shall provide a pipe joint in each sewer main within 2'-0" of the exterior of manhole walls.
8. Watertight manhole frame and cover to be used where indicated on drawings [Standard Detail S-12 (RCR-63A)]. Where watertight manhole frame and cover is used, set top of frame 1'-6" above finished grade.
9. For details not shown on the Contract Drawings see Standard Details bound in the specifications.
10. Trees are to be protected from damage to the maximum extent.
11. 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 sewer mains.
12. 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.
13. Horizontal and Vertical controls are based on the Maryland State Grid Coordinate System.



CONTRACT NO. 529-S
 HAMMOND BRANCH INTERCEPTOR,
 OUTFALL AND COLLECTOR SEWERS
 CAPITAL PROJECT # 4-6035



WS 529-S/5

"AS BUILT"
10-22-76

PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-7-73 DATE	CONTRACT NO. 529 - S	PLAN HAMMOND BRANCH SEWERS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 5 OF 18 SCALE 1" = 50'	DESIGNED: T.A.F. DRAFTED: J.F.L. CHECKED: T.A.F. PLS. SHEETS 29, 30, 33
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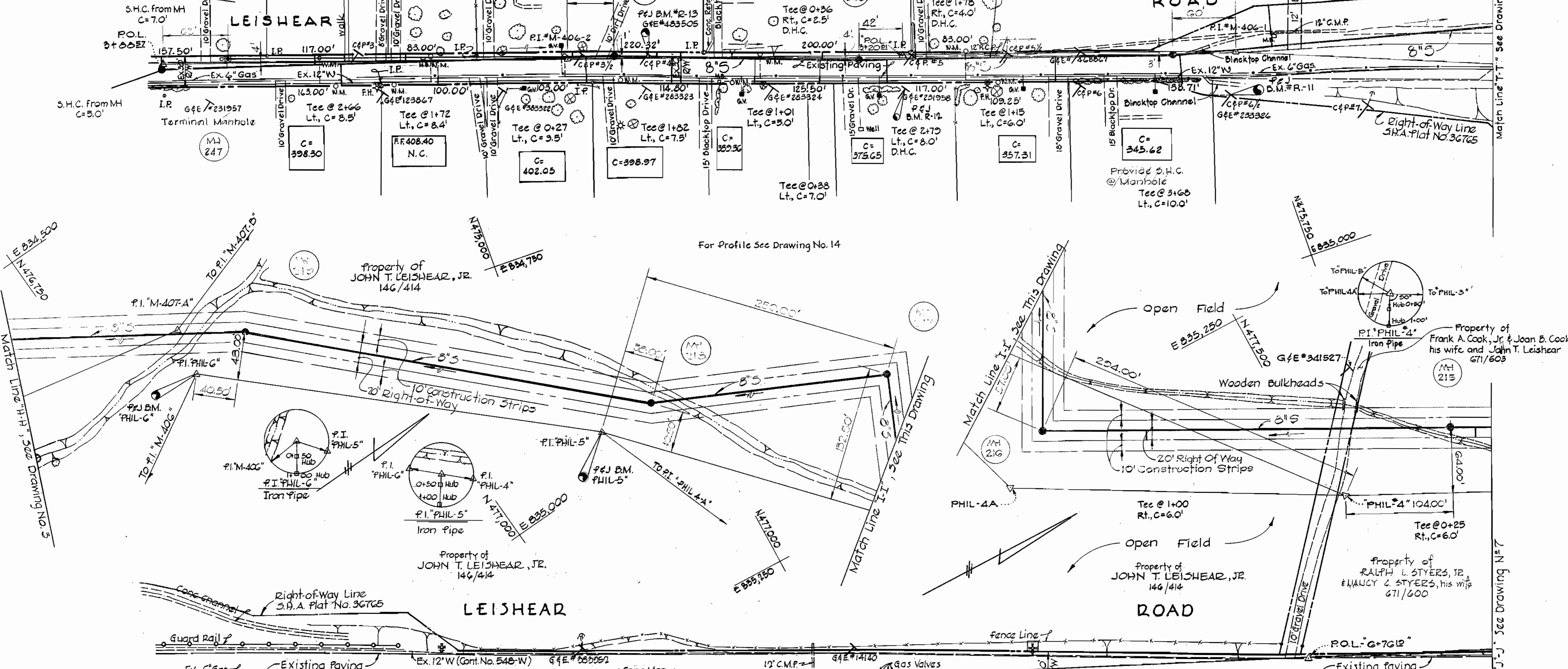
BENCH MARKS

P&J B.M.#R-11 Elev. 347.93
R.R. spike in G&E pole # 233326 (C&P # 1/2) 50'± East of P.I. "M-406-1"

P&J B.M.#R-7 Elev. 330.84
R.R. spike in G&E pole # 283334 (C&P # 13), 250'± north of P.I. "M-406-1"

P&J B.M.#R-12 Elev. 370.53
R.R. Spike in G&E Pole # 231958 on East Side Leishear Road opposite P.O.L. 3+20.21 P.I. "M-406-1" to "M-406-2"

P&J B.M.#R-13 Elev. 402.00
R.R. spike in G&E Pole # 283505 on West side Leishear Road, 75'± North of P.I. "M-406-2"



BENCH MARKS

P&J B.M.#Phil-G Elev. 309.22
Iron pipe set at traverse station P.I. "PHIL-G", East of Leishear Road.

P&J B.M.#Phil-5 Elev. 325.77
Iron pipe set at traverse station P.I. "Phil-5", East of Leishear Road.

P&J B.M.#Phil-4 Elev. 337.07
Iron pipe set at traverse station P.I. "PHIL-4", East of Leishear Road.

CONTRACT NO. 529-S
HAMMOND BRANCH INTERCEPTOR,
OUTFALL AND COLLECTOR SEWERS
CAPITAL PROJECT S-4-6035



PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-7-73 DATE W. O. Filbert CHIEF BUREAU OF ENGINEERING	CONTRACT NO. 529-S	PLAN HAMMOND BRANCH SEWERS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 6 OF 16 SCALE 1" = 50' DESIGNED: R.D.B. DRAFTED: L.A.H. CHECKED: T.A.F. NO. SHEETS 28, 31
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WS 529-S/6

"AS BUILT"
10-22-76

BENCH MARKS

- PHIL #1** Elev. 352.10
Iron Pipe set at traverse station P.I. PHIL #1,
south of Graneloch Road.
- PHIL #2** Elev. 347.91
Iron Pipe set at traverse station P.I. PHIL #2,
500' south of Graneloch Road.
- PHIL #3** Elev. 338.51
Iron Pipe set at traverse station P.I. PHIL #3
100' west of Leishear Road.
- P&J B.M. #R-2** Elev. 364.76
Railroad spike in G&E #383789, 770' southwest of
P.I. M-406C, between P.I. M-406C & P.I. M-406-B
- P&J B.M. #R-4** Elev. 370.36
Railroad spike in G&E #335102, southwest corner
Leishear Road & Graneloch Road.

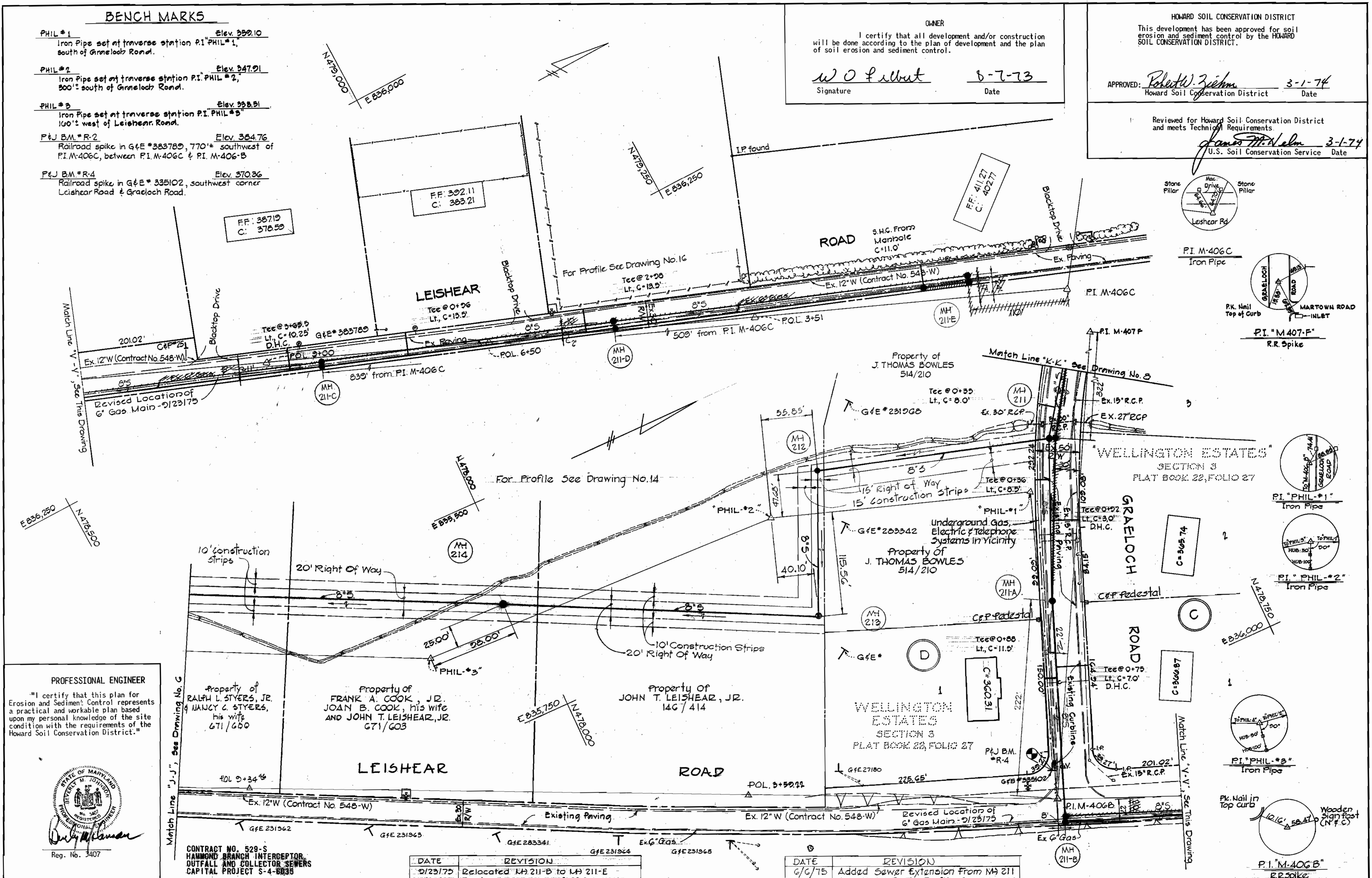
OWNER
I certify that all development and/or construction
will be done according to the plan of development and the plan
of soil erosion and sediment control.

W O Felbert 8-7-73
Signature Date

HOWARD SOIL CONSERVATION DISTRICT
This development has been approved for soil
erosion and sediment control by the HOWARD
SOIL CONSERVATION DISTRICT.

APPROVED: *Robert W. Ziehm* 3-1-74
Howard Soil Conservation District Date

Reviewed for Howard Soil Conservation District
and meets Technical Requirements
James M. Helm 3-1-74
U.S. Soil Conservation Service Date



PROFESSIONAL ENGINEER
"I certify that this plan for
Erosion and Sediment Control represents
a practical and workable plan based
upon my personal knowledge of the site
condition with the requirements of the
Howard Soil Conservation District."

David M. Kamen
Reg. No. 3407

CONTRACT NO. 529-S
HAMMOND BRANCH INTERCEPTOR,
OUTFALL AND COLLECTOR SEWERS
CAPITAL PROJECT S-4-8838

DATE	REVISION
2/23/75	Relocated MH 211-B to MH 211-E
2/23/75	Revised Location of G Gas Main

DATE	REVISION
6/6/75	Added Sewer Extension From MH 211 to MH 211-E, For Profile See Drwg. 16.

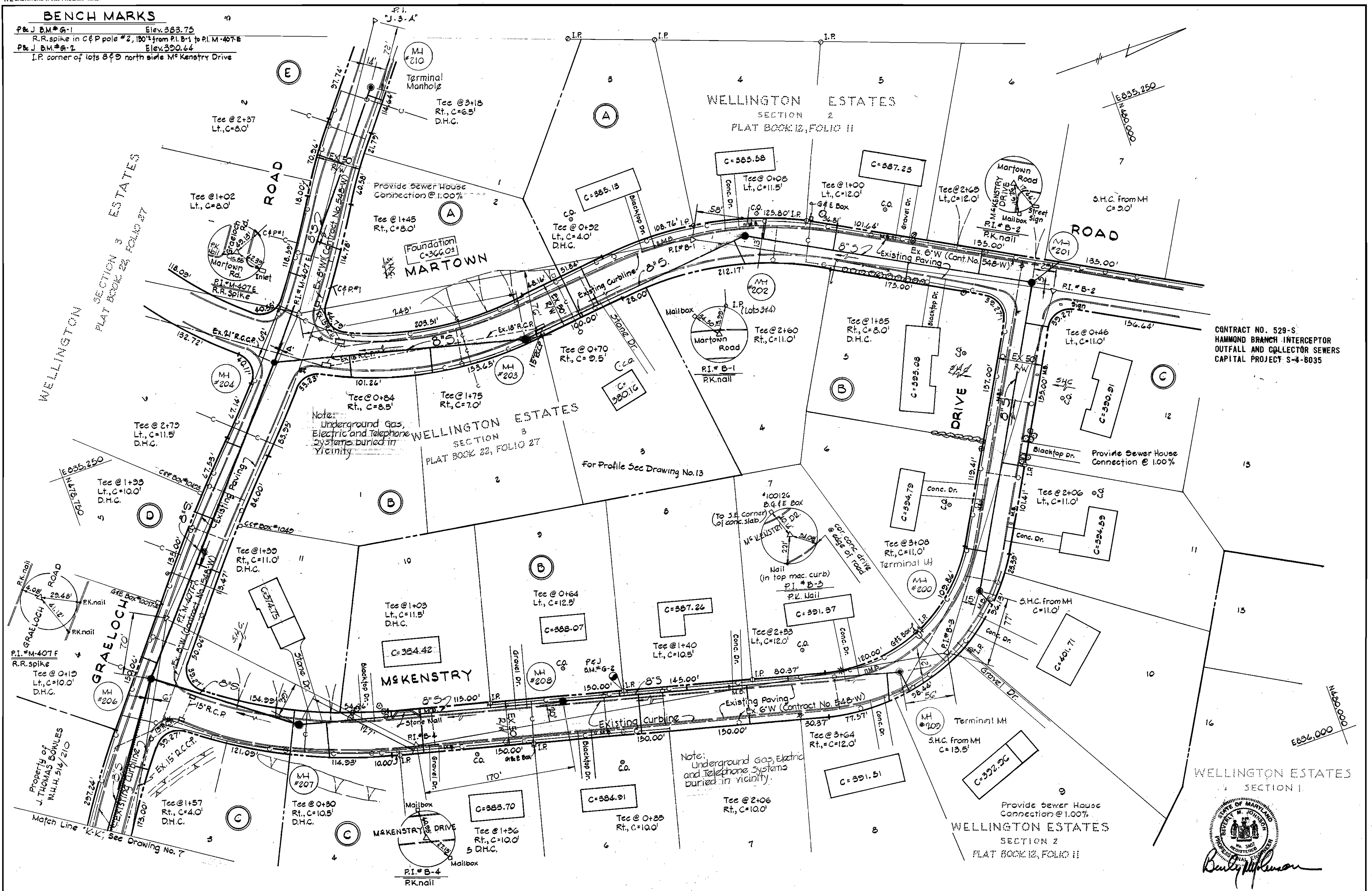
PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-7-73 DATE	CONTRACT NO. 529-S <i>W O Felbert</i> CHIEF BUREAU OF ENGINEERING	PLAN HAMMOND BRANCH SEWERS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 7 OF 16	SCALE 1" = 50'	DESIGNED: T.A.F. DRAFTED: R.A.C. CHECKED: T.A.F. DATE: 12-20-73
					CONTRACT NO. 529-S		

WS 529-S/7

"A5 BUILT"
10-22-76

BENCH MARKS

P & J B.M.#6-1 Elev. 383.75
 R.R. spike in C & P pole #2, 130' from P.I. B-1 to P.I. M-407-E
 P & J B.M.#6-2 Elev. 320.64
 I.P. corner of lots 8 & 9 north side M^o Kenstry Drive



CONTRACT NO. 529-S
 HAMMOND BRANCH INTERCEPTOR
 OUTFALL AND COLLECTOR SEWERS
 CAPITAL PROJECT S-4-6035

WELLINGTON ESTATES
 SECTION 1



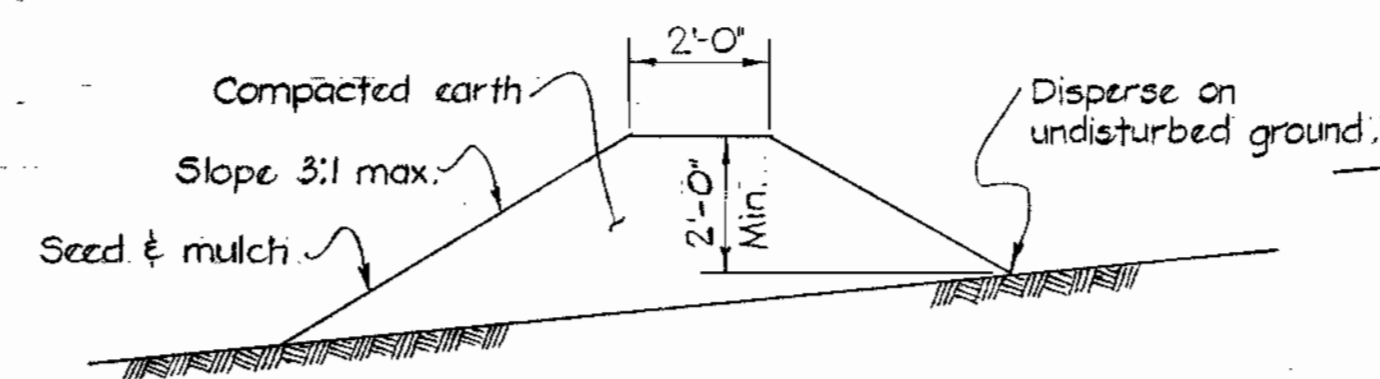
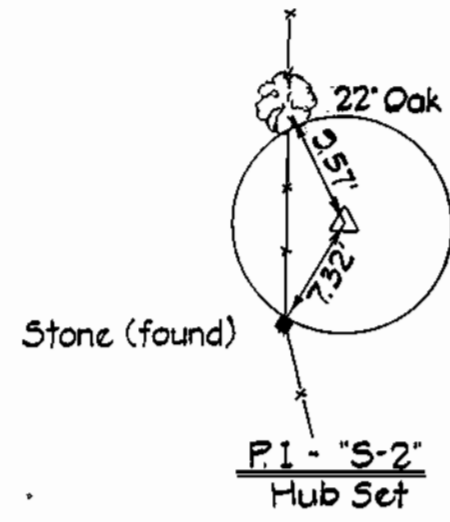
WS 529-S/8

15 BUILT 10-22-76

<p>PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-7-73 DATE</p>	<p>CONTRACT NO. 529-S</p>	<p>PLAN HAMMOND BRANCH SEWERS</p>	<p>ELECTION DISTRICT GUILFORD NO. 6</p>	<p>DRAWING SCALE NO. 8 OF 16 1" = 50'</p>
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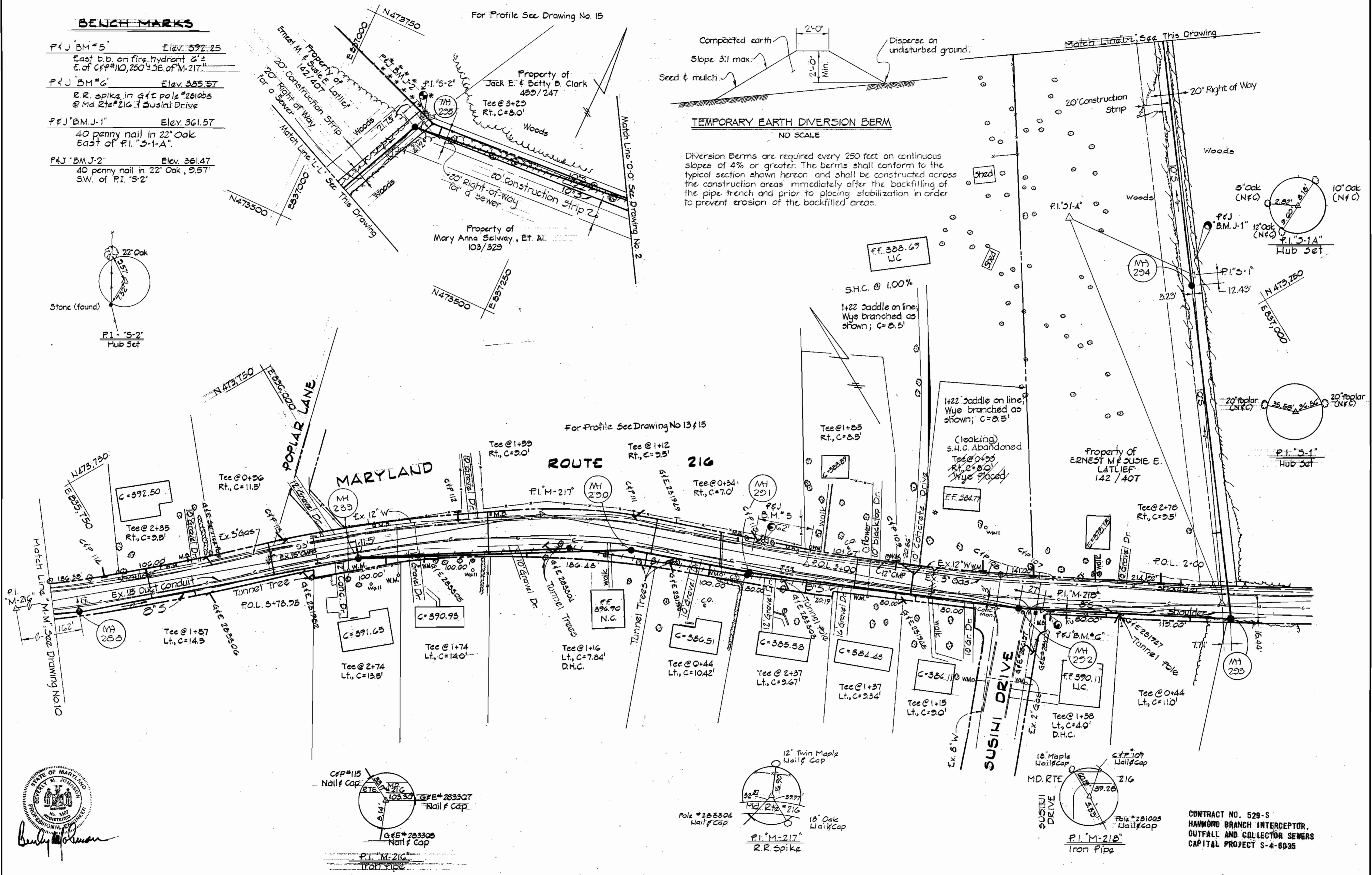
BENCH MARKS

- P&J BM #5 Elev. 392.25
East b.b. on fire hydrant 6" E. of CP#110, 250' SE. of M-217
- P&J BM #6 Elev. 385.57
R.R. spike in gate pole #281005 @ Md. Rte #216 & Susini Drive
- P&J BM J-1 Elev. 361.57
40 penny nail in 22" Oak East of P.I. "S-1-A"
- P&J BM J-2 Elev. 361.47
40 penny nail in 22" Oak, 9.57' SW. of P.I. "S-2"



TEMPORARY EARTH DIVERSION BERM
NO SCALE

Diversion Berms are required every 250 feet on continuous slopes of 4% or greater. The berms shall conform to the typical section shown hereon and shall be constructed across the construction areas immediately after the backfilling of the pipe trench and prior to placing stabilization in order to prevent erosion of the backfilled areas.

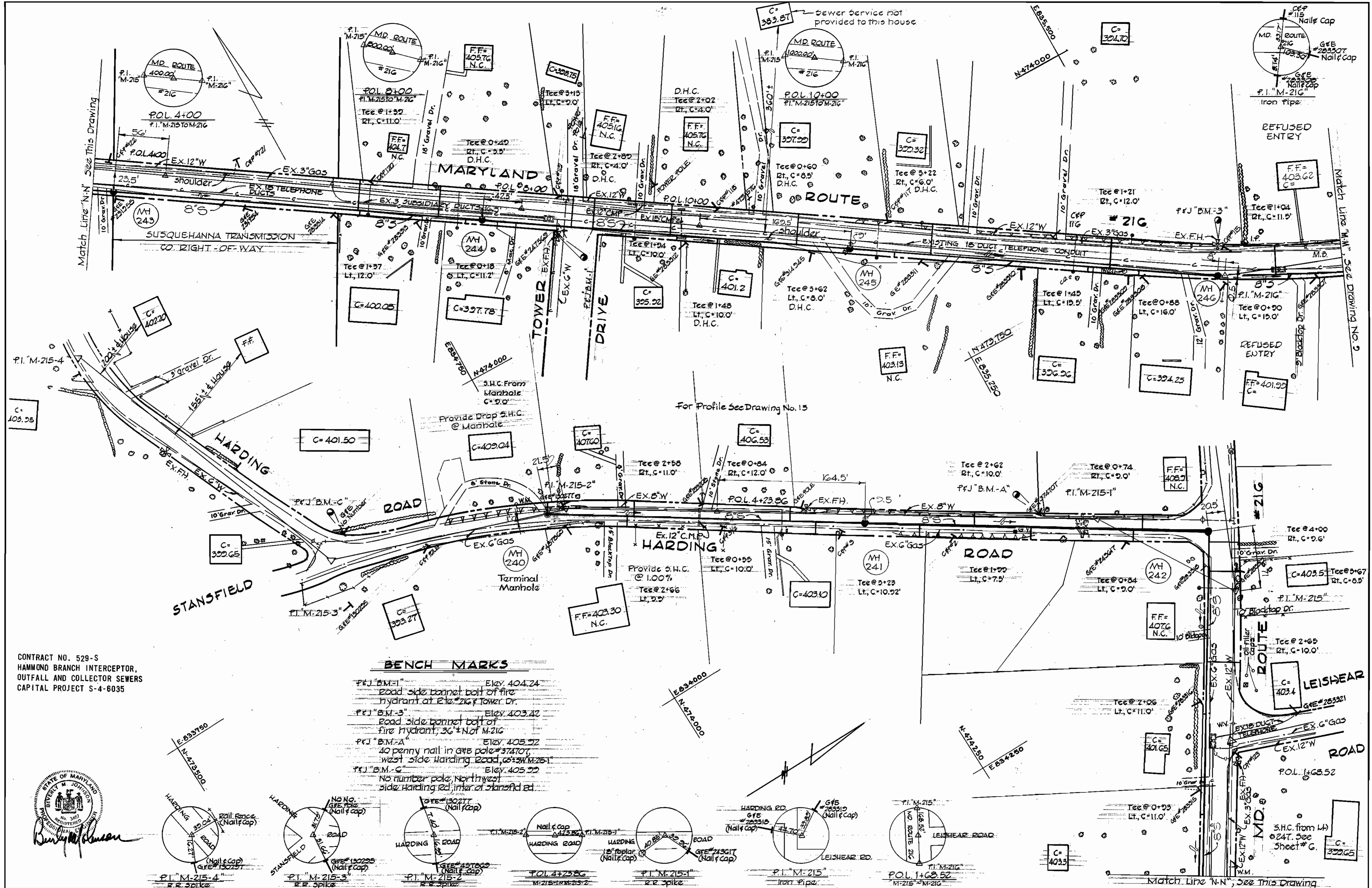


CONTRACT NO. 529-S
HAMMOND BRANCH INTERCEPTOR,
OUTFALL AND COLLECTOR SEWERS
CAPITAL PROJECT S-4-8035

PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 8-7-73 DATE	CONTRACT NO. 529 - S	PLAN HAMMOND BRANCH SEWERS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 9	SCALE 1" = 50'	DESIGNER: R.D.B. DRAFTED: R.D.B. CHECKED: T.A.F. PUB. SHEETS 28, 39
					OF 16		

WS 529-S/9

"AS BUILT"
10-22-76



CONTRACT NO. 529-S
 HAMMOND BRANCH INTERCEPTOR,
 OUTFALL AND COLLECTOR SEWERS
 CAPITAL PROJECT S-4-6035

BENCH MARKS

- P&J B.M.-1 ELEV. 404.24
Road side barrel bolt of fire hydrant at 216 & Tower Dr.
- P&J B.M.-3 ELEV. 403.42
Road side barrel bolt of fire hydrant; 36' N of M-216
- P&J B.M.-A ELEV. 405.92
40 penny nail in gas pole #37470; west side Harding Road, 65' SW of M-215
- P&J B.M.-C ELEV. 405.92
No number pole, Northwest side Harding rd, inter. of Stansfield rd



PURDUM & JESCHKE
 ENGINEERS
 1023 N. CALVERT ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DATE 8-7-73
 W. O. Gilbert
 CHIEF - BUREAU OF ENGINEERING

CONTRACT NO. 529 - S

PLAN
 HAMMOND BRANCH SEWERS

ELECTION DISTRICT
 GUILFORD NO. 6

DRAWING NO. 10 OF 16
 SCALE 1" = 50'

DESIGNED: R.D.B.
 DRAFTED: R.D.B.
 CHECKED: T.A.F.
 P.S. SHEETS # 28, 34, 37, 38

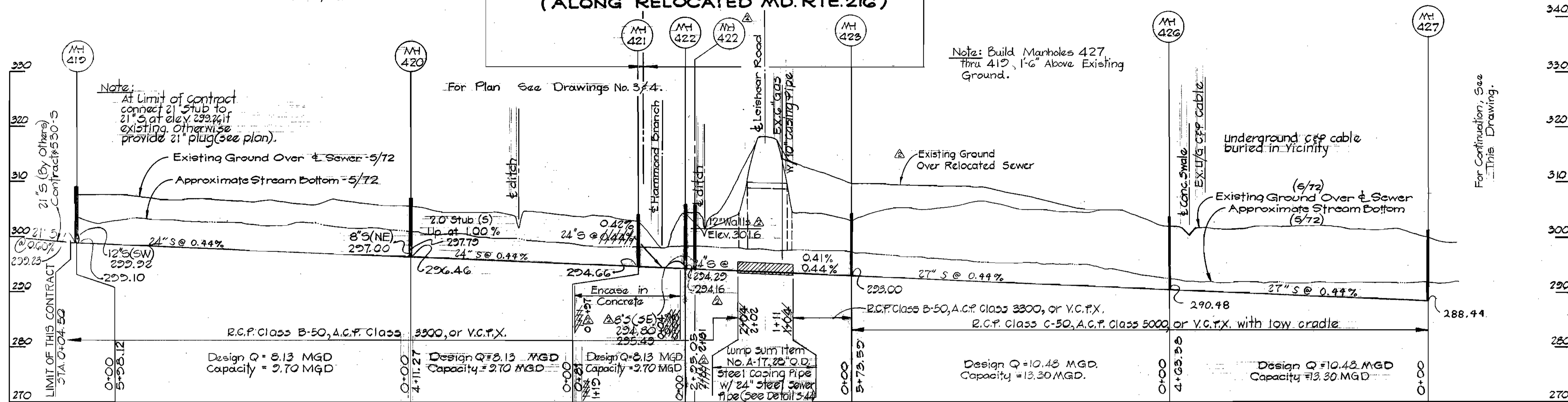
WS 529-S/10

"AS BUILT"
 10-22-76

Property of JOHN T. LEISHEAR, JR.

HAMMOND BRANCH INTERCEPTOR (ALONG RELOCATED MD. RTE. 216)

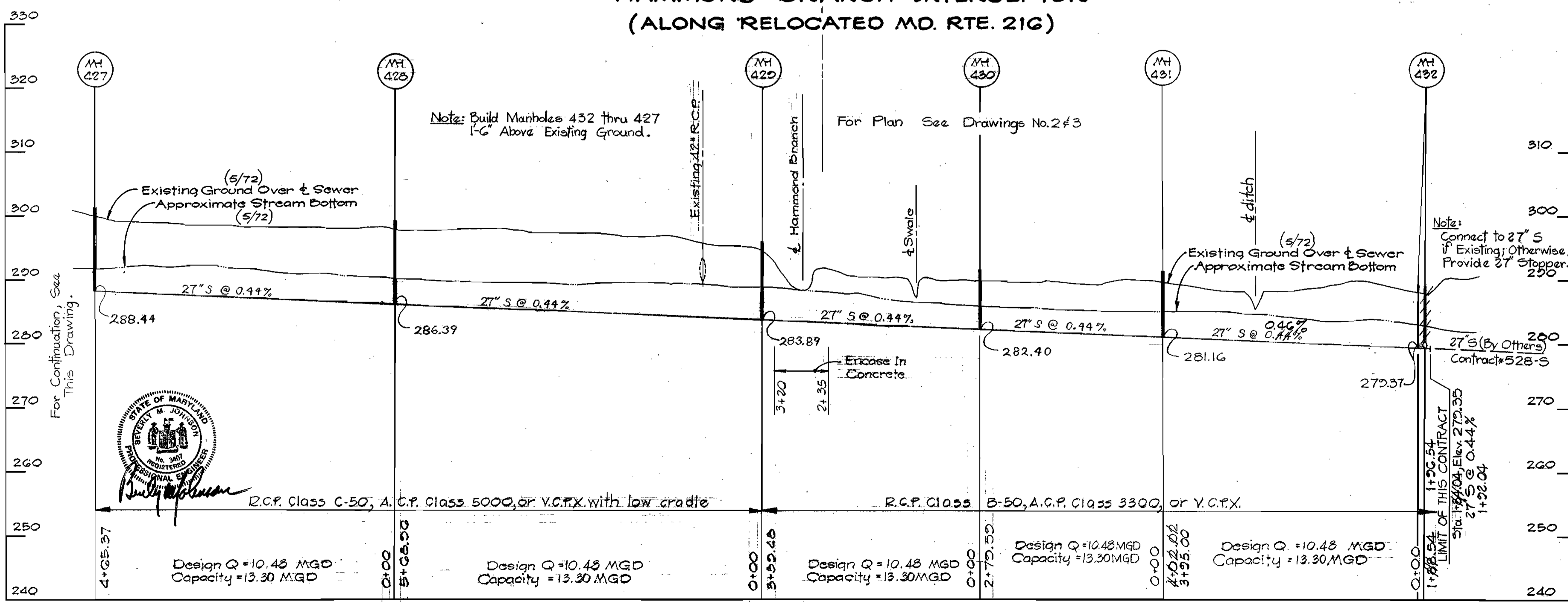
Property of STATE HIGHWAY ADMINISTRATION



Property of STATE HIGHWAY ADMINISTRATION

Property of BALTIMORE GAS & ELECTRIC COMPANY

HAMMOND BRANCH INTERCEPTOR (ALONG RELOCATED MD. RTE. 216)



REV	DATE	REMARKS
1	12-11-75	Manholes #422 & #423 relocated to avoid gas main in Leishear Road.

CONTRACT NO. 529-S
HAMMOND BRANCH INTERCEPTOR,
OUTFALL AND COLLECTOR SEWER
CAPITAL PROJECT S-4-6935

PURDUM & JESCHKE
ENGINEERS
1023 N. CALVERT ST.
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DATE: 8-7-73
W. O. Pulbert
CHIEF BUREAU OF ENGINEERING

CONTRACT NO. 529 - S

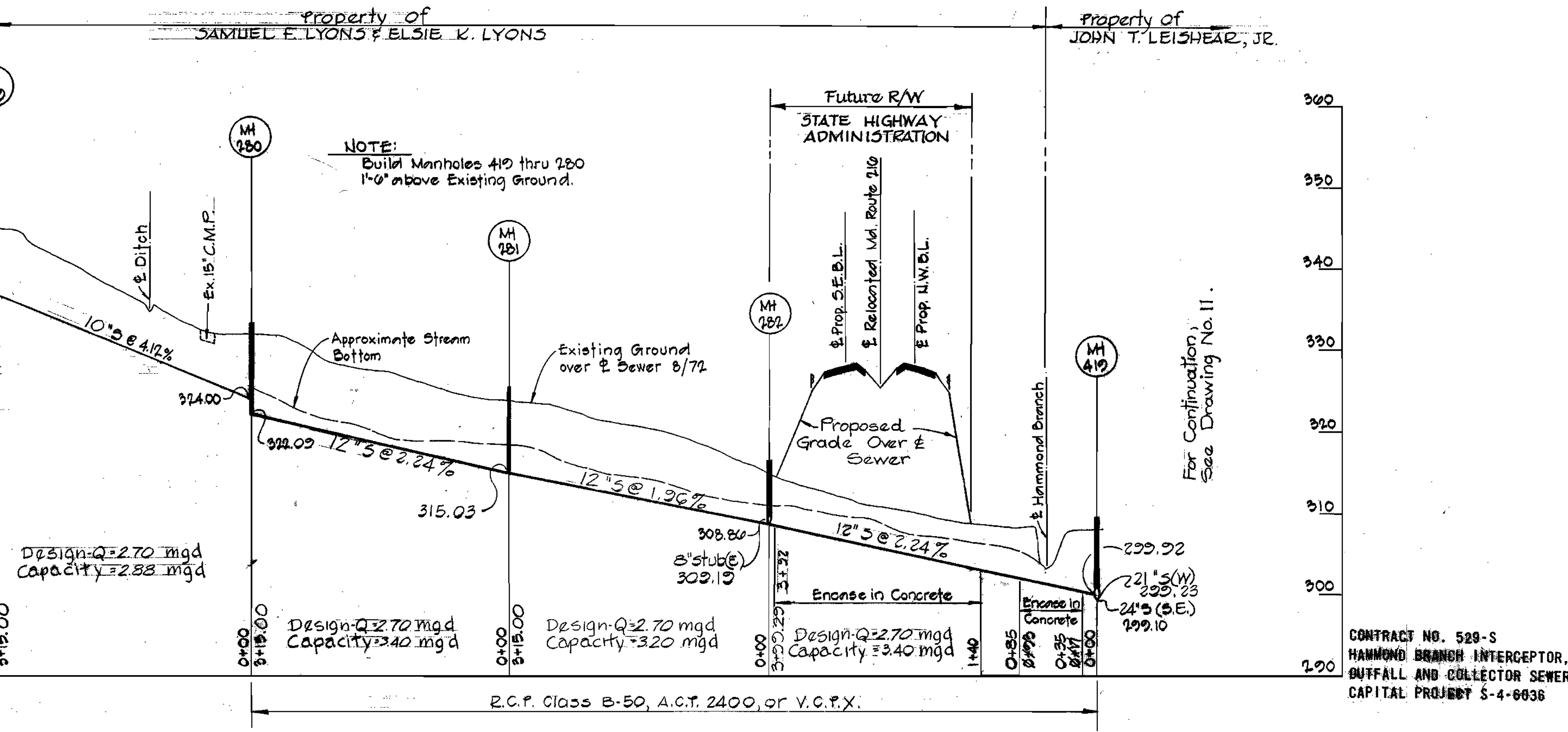
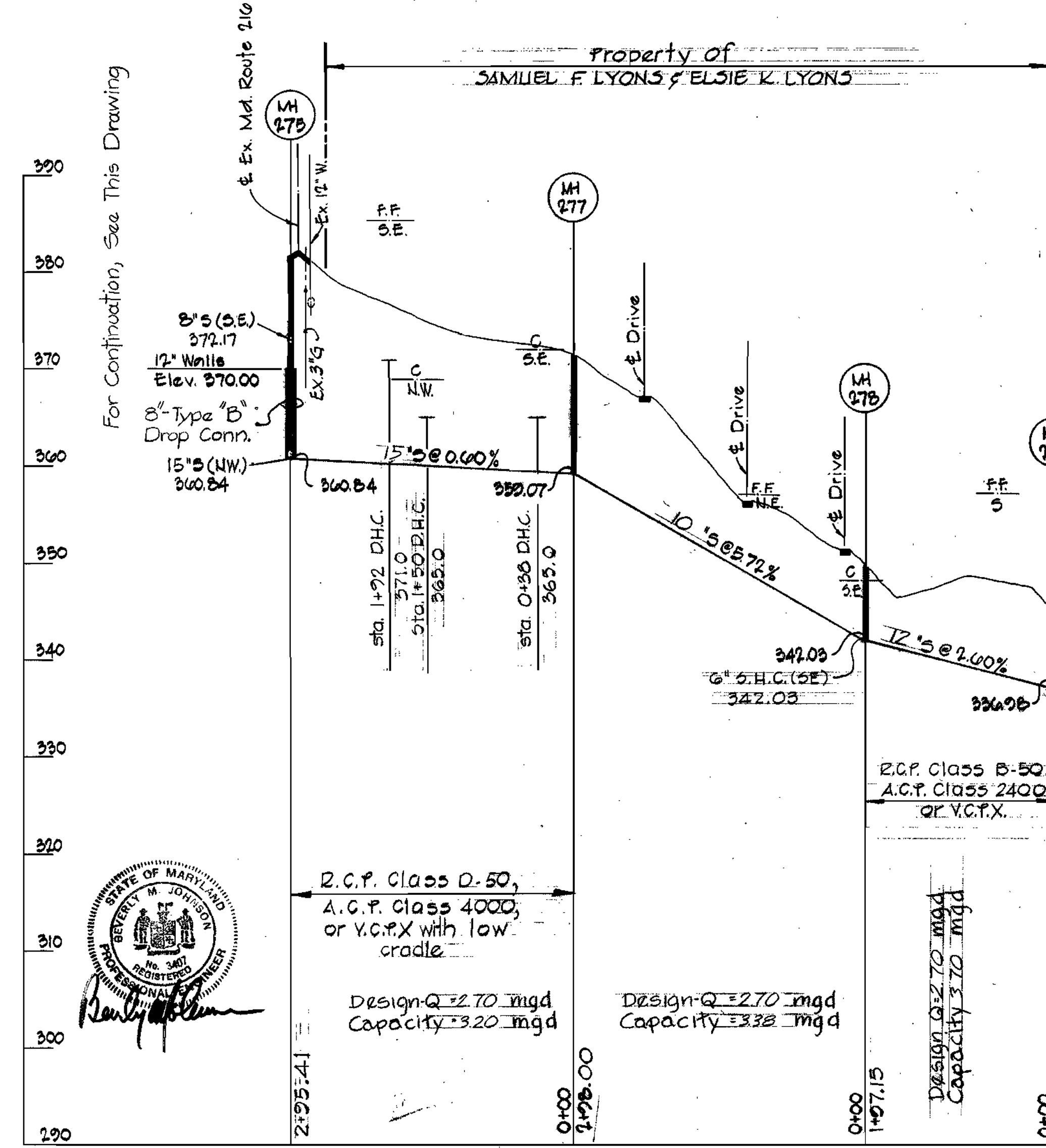
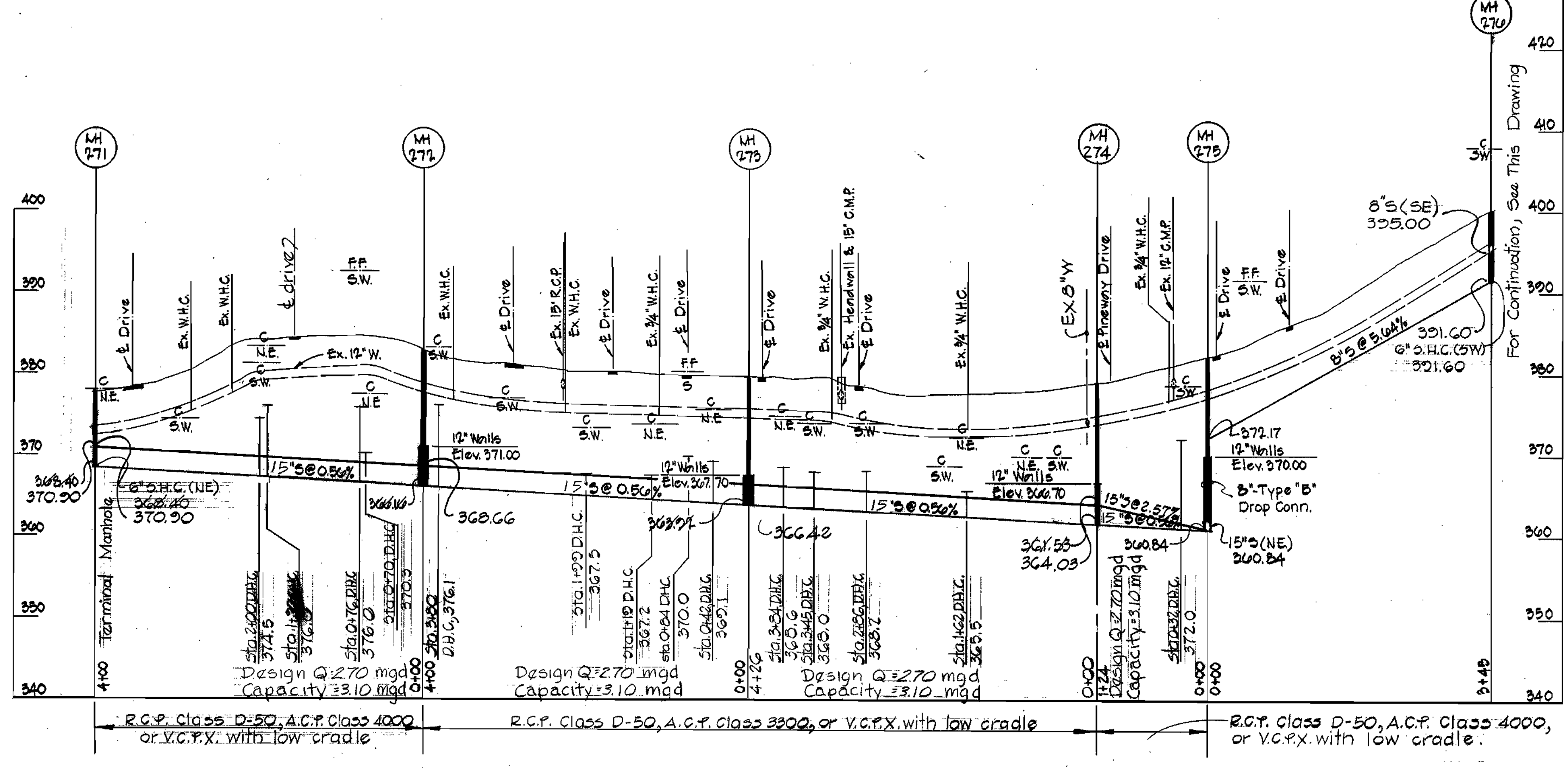
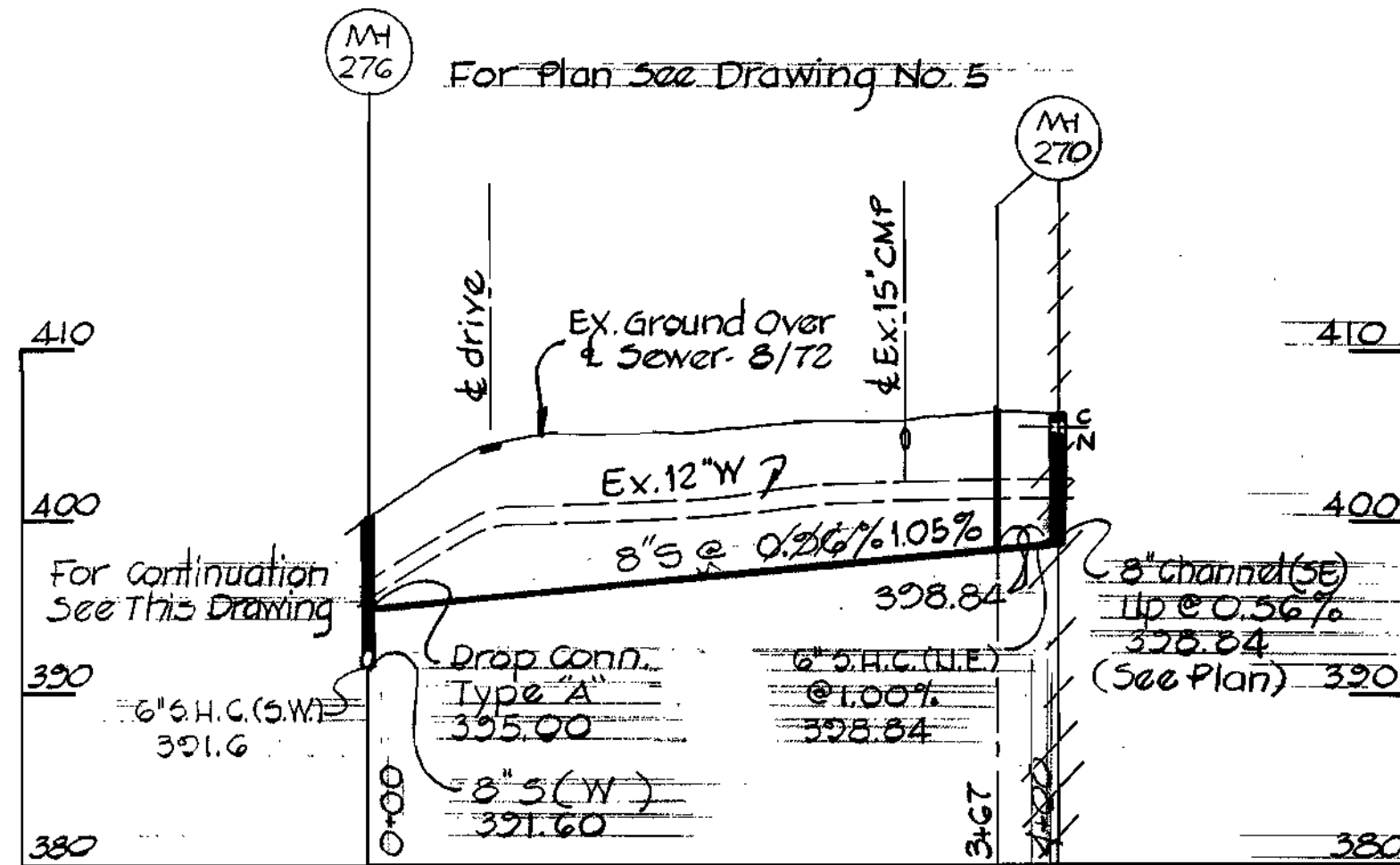
PROFILE
HAMMOND BRANCH SEWERS

ELECTION DISTRICT
GUILFORD NO. 6

DRAWING NO. 11 OF 16
SCALE: 1" = 100'
DESIGNED: D.J.L.
DRAFTED: B.W.T.
CHECKED: T.A.F.

WS 529-S/11

"AS BUILT"
10-22-76



PURDUM & JESCHKE
ENGINEERS
1023 N. CALVERT ST.
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DATE 5-7-73
W.O. Gilbert
CHIEF BUREAU OF ENGINEERING

CONTRACT NO. 529 - S

PROFILE
HAMMOND BRANCH SEWERS

ELECTION DISTRICT
GUILFORD NO. 6

DRAWING NO. 12 OF 16
SCALE 1" = 100' HORIZ. 1" = 10' VERT.
DESIGNED: D.W.D.
DRAFTED: L.B.
CHECKED: T.A.F.

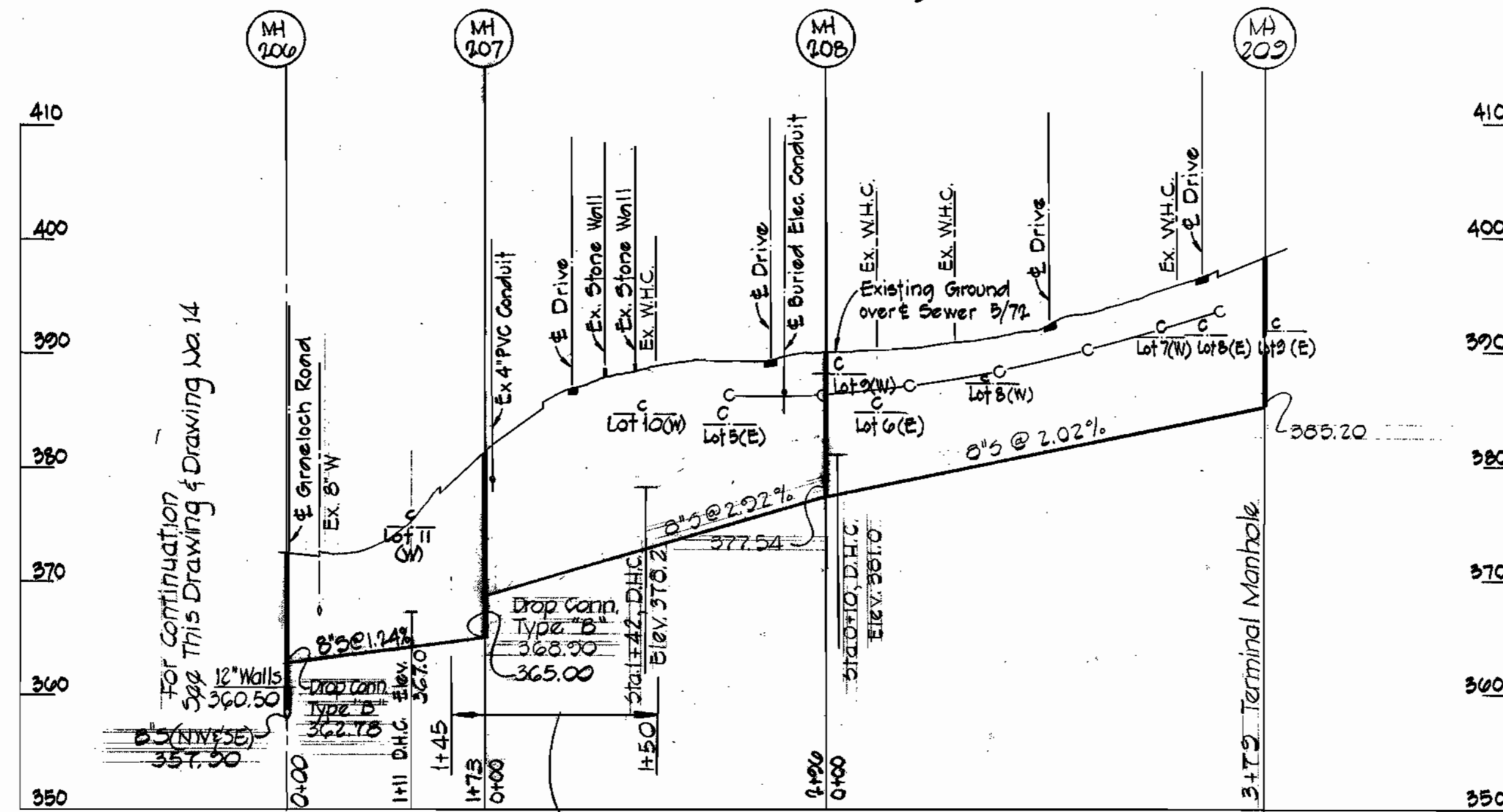
CONTRACT NO. 529-S
HAMMOND BRANCH INTERCEPTOR,
OUTFALL AND COLLECTOR SEWERS
CAPITAL PROJECT S-4-6036

"AS BUILT"
10-22-76

WS 529-S/12

MCKENSTRY DRIVE

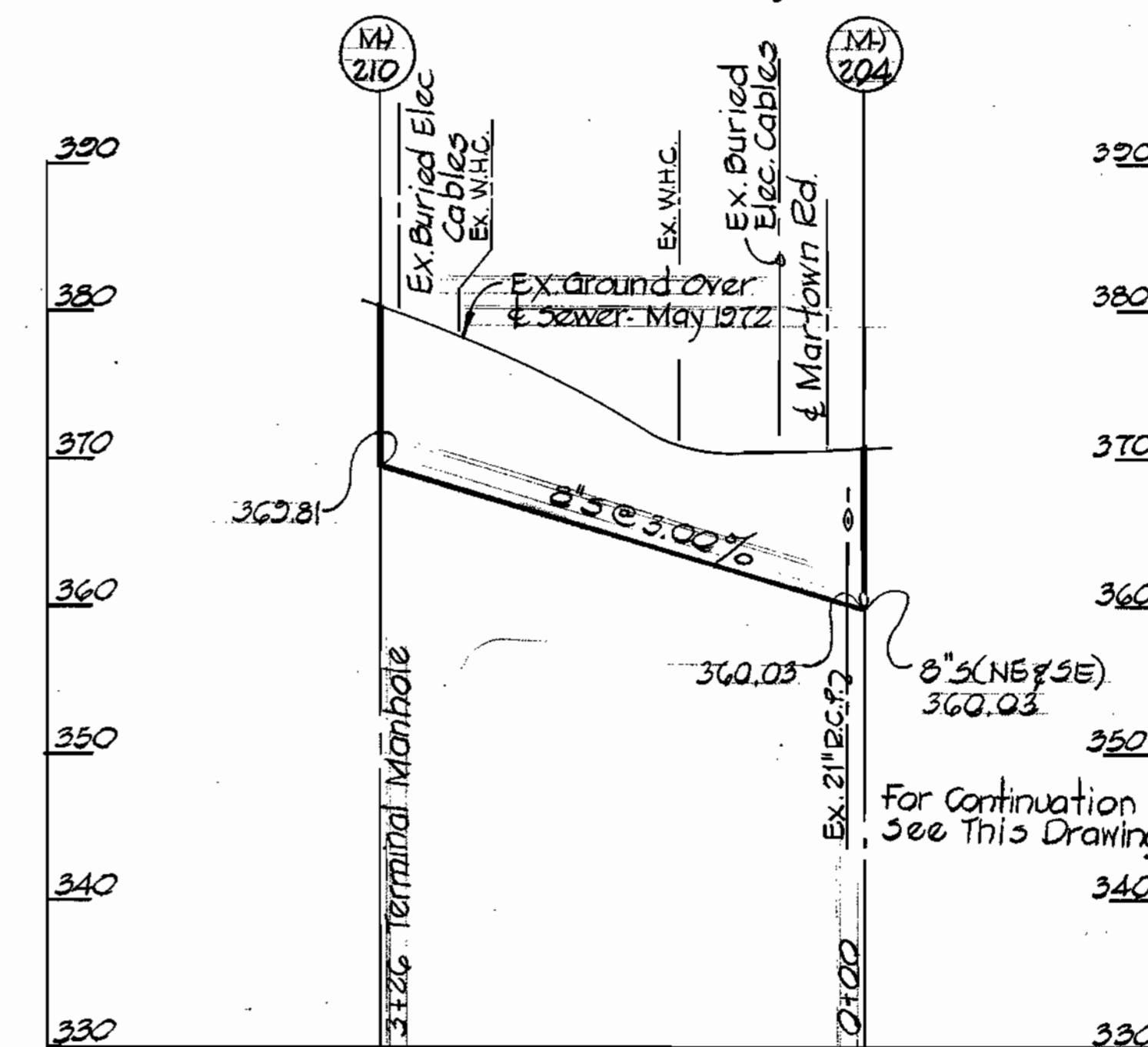
For Plan See Drawing No. 8



A.C.P. Class 3300 MH wall to MH wall, or low cradle V.C.P.X. and C.S.P.X.

GRABLOCH ROAD

For Plan See Drawing No. 8



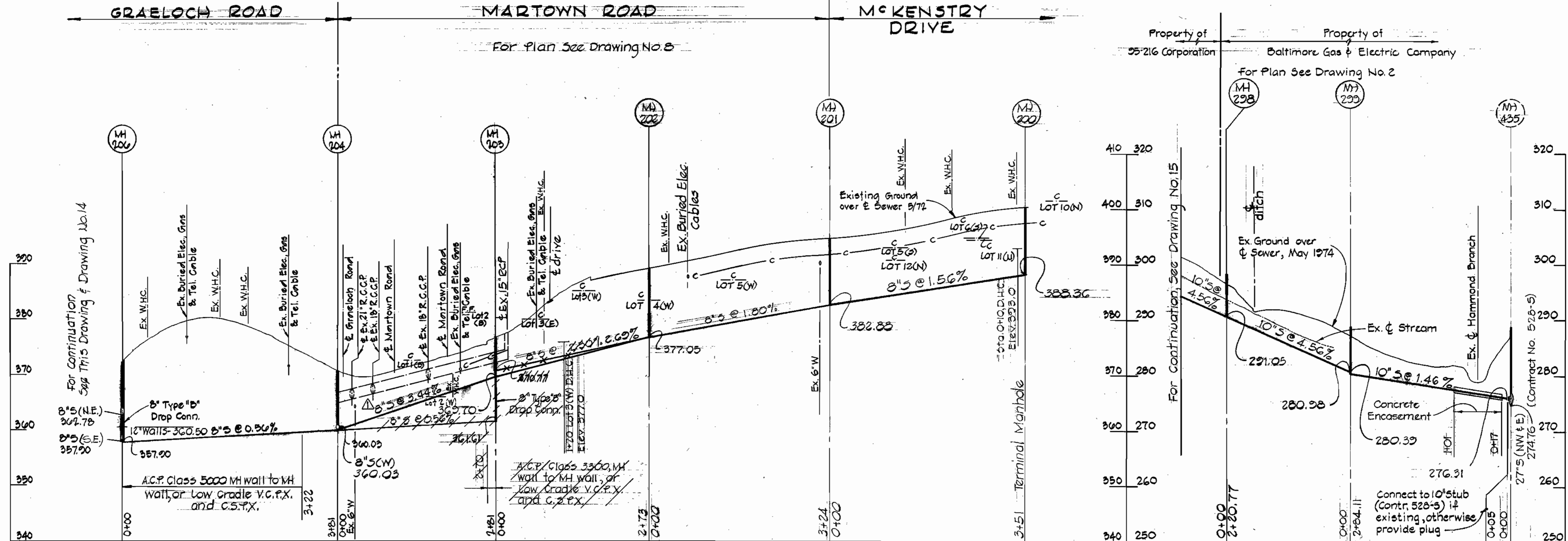
For Continuation See This Drawing

GRABLOCH ROAD

MARTOWN ROAD

MCKENSTRY DRIVE

For Plan See Drawing No. 8



For Continuation See This Drawing & Drawing No. 14

For Continuation, See Drawing No. 15



REV.	DATE	REMARKS
1	12-1-73	Profile changed, MH 204 to MH 209

CONTRACT NO. 529-S
HAMMOND BRANCH INTERCEPTOR,
OUTFALL AND COLLECTOR SEWERS
CAPITAL PROJECT S-4-6635

PURDUM & JESCHKE
ENGINEERS
1023 N. CALVERT ST.
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DATE: 8-7-73
W. O. Falbert
CHIEF BUREAU OF ENGINEERING

CONTRACT NO. 529-S

PROFILE
HAMMOND BRANCH SEWERS

ELECTION DISTRICT
BUILFORD NO. 6

DRAWING NO. 13 OF 18
SCALE: 1" = 100' HORIZ., 1" = 10' VERT.

DESIGNED: D.J.D.
DRAFTED: R.D.B.
CHECKED: T.A.F.

45 BUILT 10-22-76

LEISHEAR ROAD

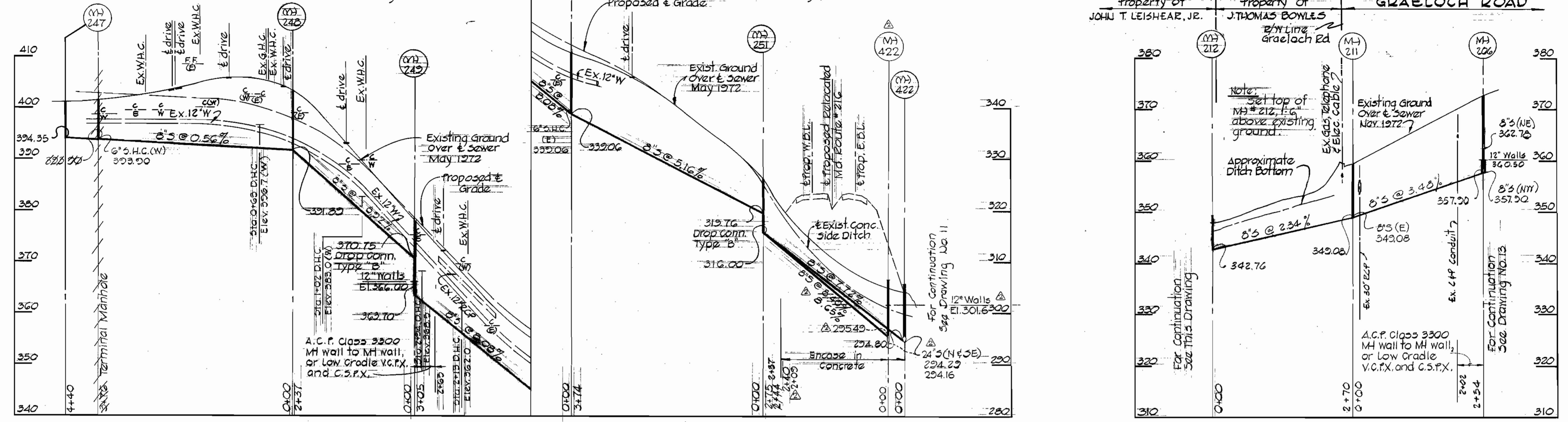
For Plan See Drawing No. 3FG

ROAD

For Plan See Drawing No. 3FG

For Plan See Drawing No. 7FB

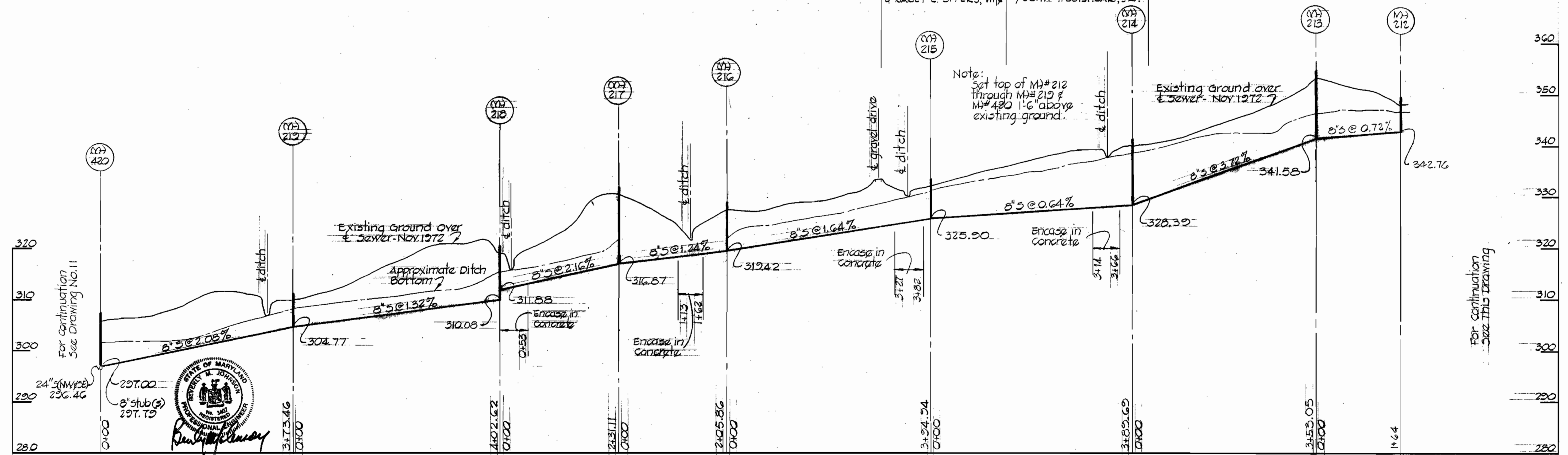
GRAELOCH ROAD



Property of JOHN T. LEISHEAR, JR.

Property of RALPH L. STYERS, JR. & NAUCY L. STYERS, wife
Property of JOAN B. COOK, his wife & JOHN T. LEISHEAR, JR.

Property of JOHN T. LEISHEAR, JR.



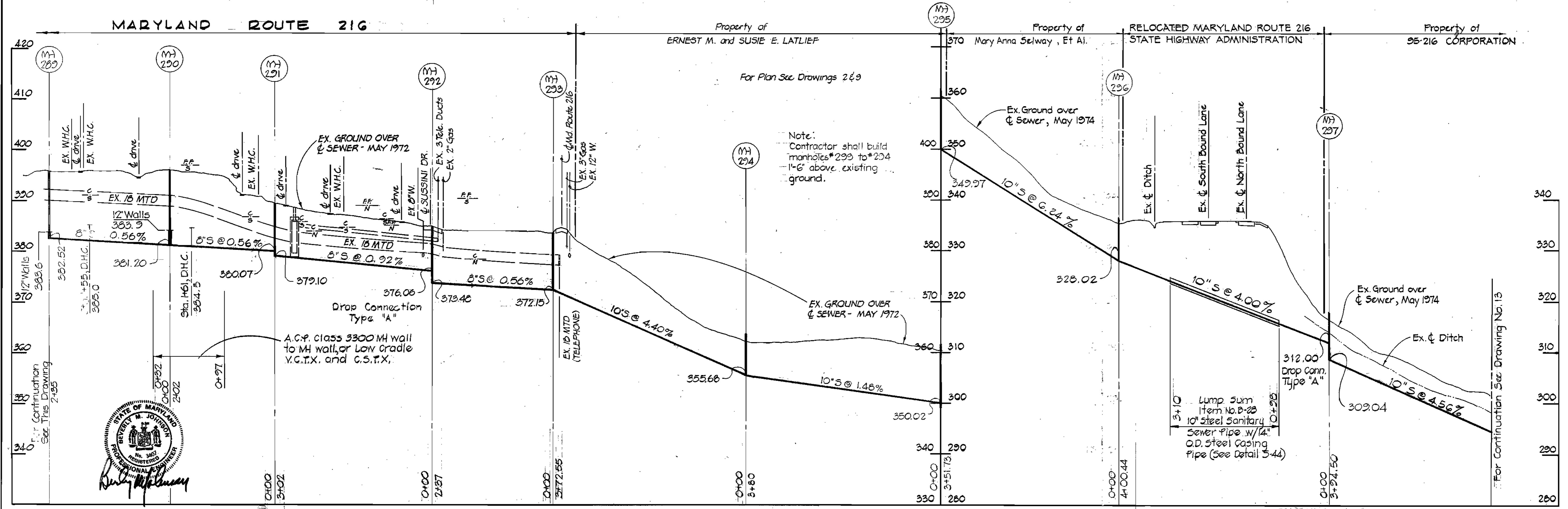
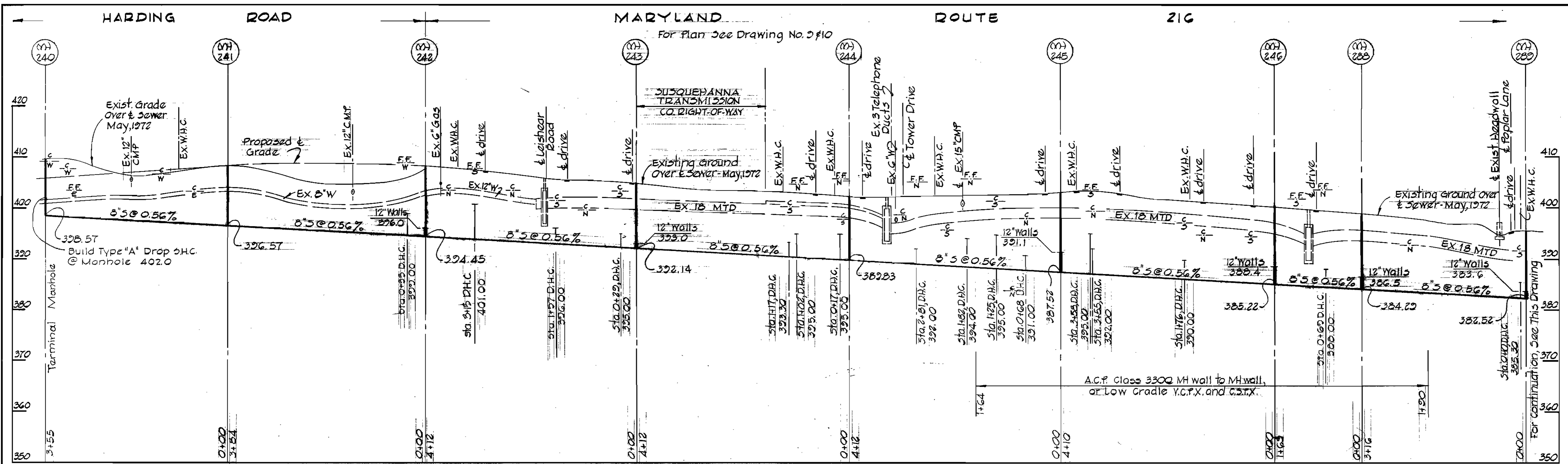
REV.	DATE	REMARKS
1	12-11-75	Manholes #422 & #423 relocated to avoid gas main Leishear Road.

CONTRACT NO. 529-S
HAMMOND BRANCH INTERCEPTOR
OUTLET AND MANHOLE SEWERS
CITY OF BALTIMORE PROJECT 8-4-6085

PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 8-7-73 W. O. Fulbert CHIEF-BUREAU OF ENGINEERING	CONTRACT NO. 529-S	PROFILE HAMMOND BRANCH SEWERS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 14 OF 18	SCALE 1" = 100' 1" = 10'	DESIGNED: D.W.D. DRAFTED: R.D.B. CHECKED: T.A.F.
					W.O. 3315		

WS 529-S/14

"AS BUILT"
10-22-76



WS 529-5/15

PURDUM & JESCHKE
ENGINEERS
1023 N. CALVERT ST.
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
8-7-73 DATE
W. O. Pilleat
CHIEF BUREAU OF ENGINEERING

CONTRACT NO. 529 - 3

PROFILE
HAMMOND BRANCH SEWERS

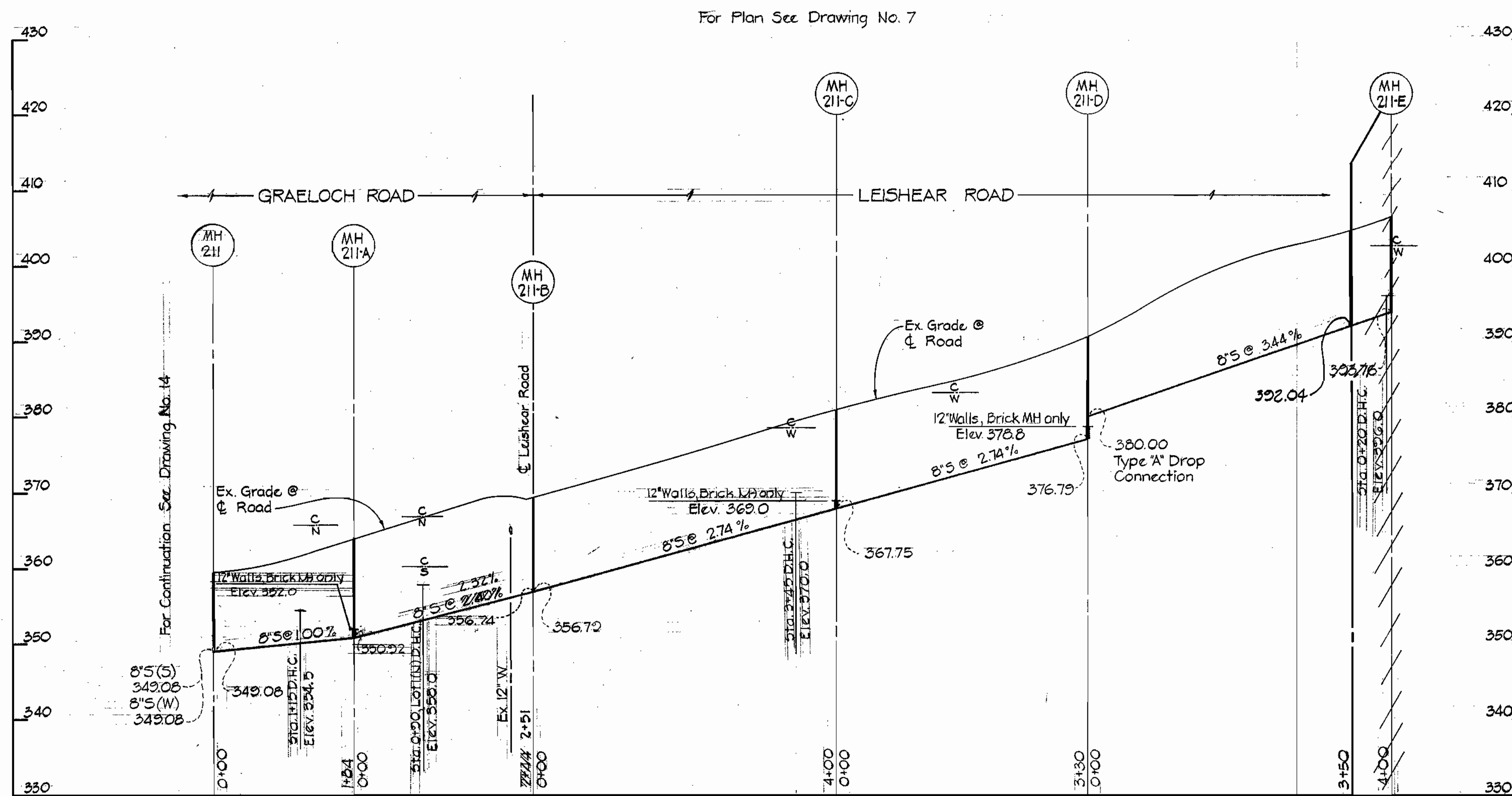
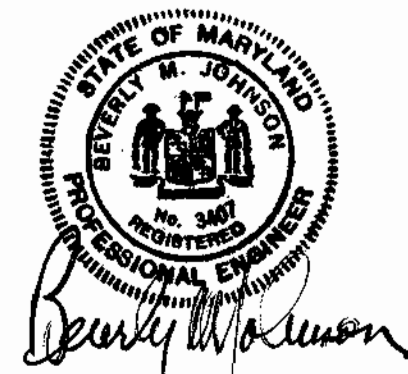
ELECTION DISTRICT
GUILFORD NO. 6

CONTRACT NO. 528-S
HAMMOND BRANCH INTERCEPTOR,
OUTFALL AND COLLECTOR SEWERS
CAPITAL PROJECT S-4-8036

DESIGNED: D.J.D.
DRAFTED: R.D.B.
CHECKED: T.A.F.

"A5 BUILT"
10-22-76

WS 529-S/16



DATE	REVISION	DATE	REVISION
2/23/75	Relocated MH 211-D to 211E	6/6/75	Added Sewer Extension from MH 211 to MH 211-E. For Plan See Drwg. 7 of 16

CONTRACT NO. 529-S
 HAMMOND BRANCH INTERCEPTOR,
 OUTFALL AND COLLECTOR SEWERS
 CAPITAL PROJECT S-4-6035

PURDUM & JESCHKE
 ENGINEERS
 1023 N. CALVERT ST.
 BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DATE: 6-9-75
 W.P. Johnson
 CHIEF-BUREAU OF ENGINEERING

CONTRACT NO. 529-S

PROFILE
 HAMMOND BRANCH SEWERS

ELECTION DISTRICT
 GUILFORD NO. 66

DRAWING
 NO. 16
 OF 16

SCALE
 HORIZ: 1"=100'
 VERT: 1"=10'

DESIGNED: AEL
 DRAFTED: AEL
 CHECKED: TAF

W.O.

JUNE 10, 1975

BUILT 10-22-76