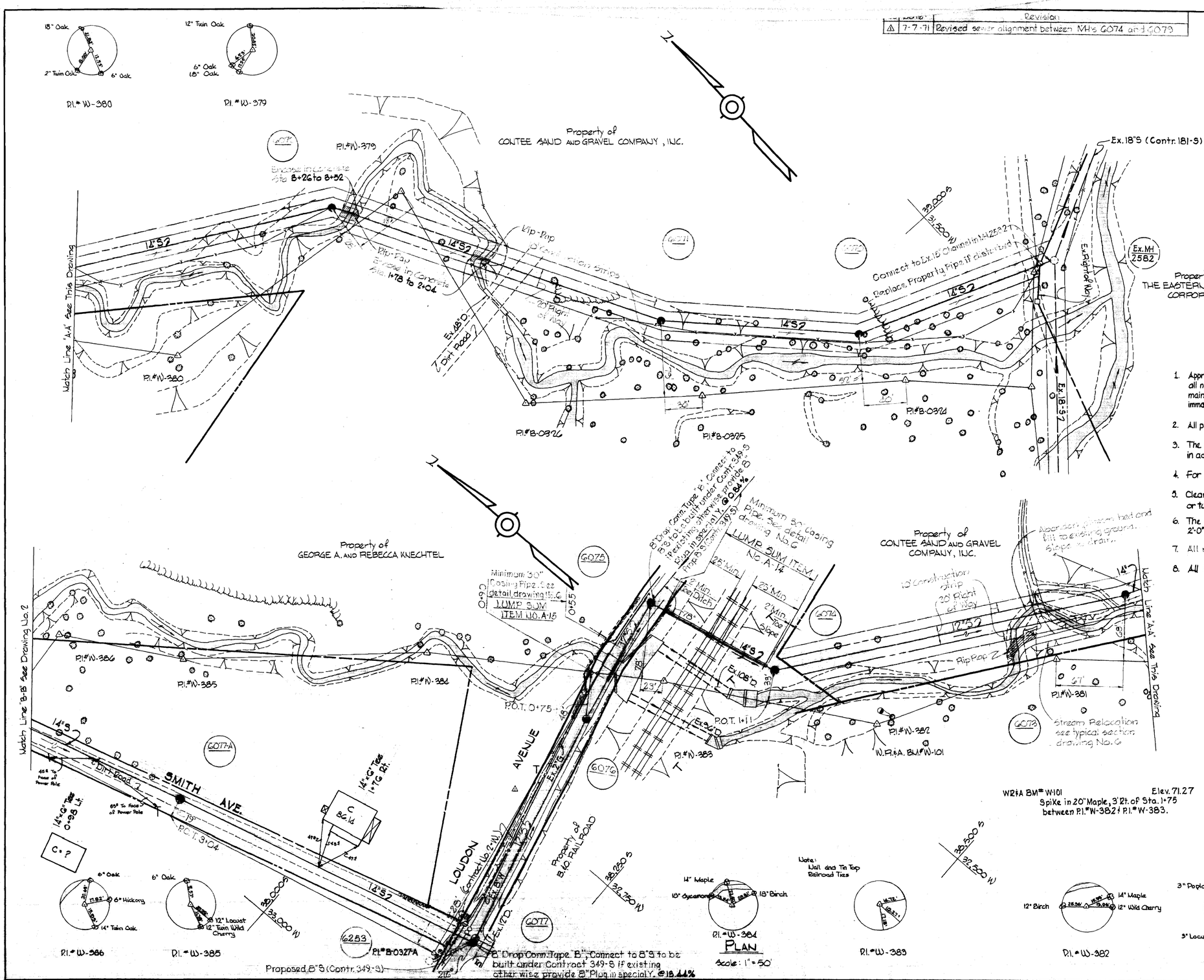
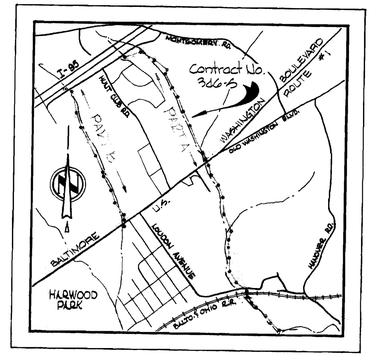
	Date	Revision
△	7-7-71	Revised sewer alignment between MH's 6074 and 6079





VICINITY MAP
Scale: 1" = 2400'

GENERAL NOTES

1. 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.
2. All pipe elevations shown are invert elevations.
3. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details see standards bound in specifications.
5. Clear all utilities by a minimum of 6'; Clear all poles by 2'-0" minimum, or tunnel as required.
6. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
7. All manholes shall be 4'-0" inside diameter.
8. All horizontal and vertical controls are based on Howard County Datum.

12" & 14" CERTAIN TEED A.C.P. PIPE USED

STAKEOUT BOOK - F.B. #5098
DIARY #1 - F.B. #5096
DIARY #2 - F.B. #5127

STATE OF MARYLAND KENNETH A. McCORD 1974 REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

Hunt Club Interceptor
Contract No. 346-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-31-70 DATE — W. O. Talbert CHIEF-BUREAU OF WATER AND SEWER	CONTRACT NO. 346-S	PLAN OF SEWER MAINS	HUNT CLUB INTERCEPTOR	DRAWING NO. 1 OF 9	SCALE AS SHOWN	38 SW 22 / 39 SW 22 / 40 SW 22

W. O. 6185-2

Nov. 13, 1972 AS BUILT

FB #4564, 4943, 3884, 3885

WS 346-S/1

B. K. ELLIOTT CO., PGH., PA. REORDER A-11827

36,500 S
33,000 W

HANOVER ROAD

Type 'B' Drop @ 1.00%
Match Line 'C-C' See This Drawing
Future 24"S to be built under contract No. 346-S
Ex. 10"D
Ex. 24"D
14"S2
Ex. C&P CABLES
Ex. 18"D
60° Ex. Twin
60° Ex.
21'
SOUTH
P.I.#D-26
6081
Ex. 12"D
P.O.T. 1+15
Ex. 18"D
P.I.#D-25
Ex. 12"D
SMITH AVE.
Ex. 18"D.
P.O.T. 1+88

37,000 S
33,000 W

6080

Parcel "D"
Property of
ALBERT G. AND PAULINE M. PARROTT

20' Construction Strip
20' Right of Way
14"S2
6072

Property of
GEORGE A. AND REBECCA KNECHTEL

Encase in Concrete Sta. 0+25 to 0+72
8" Channel 90°C
143'
Match Line "B-B" See Drawing No.1
130'
14"S2
Pre-Cast Manhole
P.I.#D-0+27
4½" Corner House
4½" Corner House
C.P.
14"x6"T
2+51 Lt.

37,750 S
33,000 W

Note
The Contractor shall notify the A.T.&T. Company prior to any company activities in the vicinity of underground Telephone cables by calling collect 393-9553, in Baltimore, Md.

6082

P.I.#D-26-A
8" Channel Rip Rap
180°
Parcel "B"
Property of
ALBERT G. AND PAULINE M. PARROTT
Encase in Concrete Sta. 0+04 to 0+44
14"S2
20' Construction Strip
20' Right of Way
Match Line "C-C" See This Drawing

for Continuation See Drawing No. 3
108'
20' Right of Way
20' Construction Strip
Parcel "A"
Property of
ALBERT G. AND PAULINE M. PARROTT
6083
8" Channel
Ex. 8"S
P.I.#D-26-B
Ex. 8"S
P.I.#D-26-C
C.-130.2
PIPE
AVENUE
P.I.#D-26-D

36,250 S
33,250 W

36,500 S
33,250 W

STATE OF MARYLAND
KENNETH A. McCORD
1974
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

No	Date	Revision
2	12-21-71	Revised Sewer Alignment Between M.H.'s 6081 to 6083
1	7-7-71	Revised Sewer Alignment Between M.H.'s 6074 and 6073

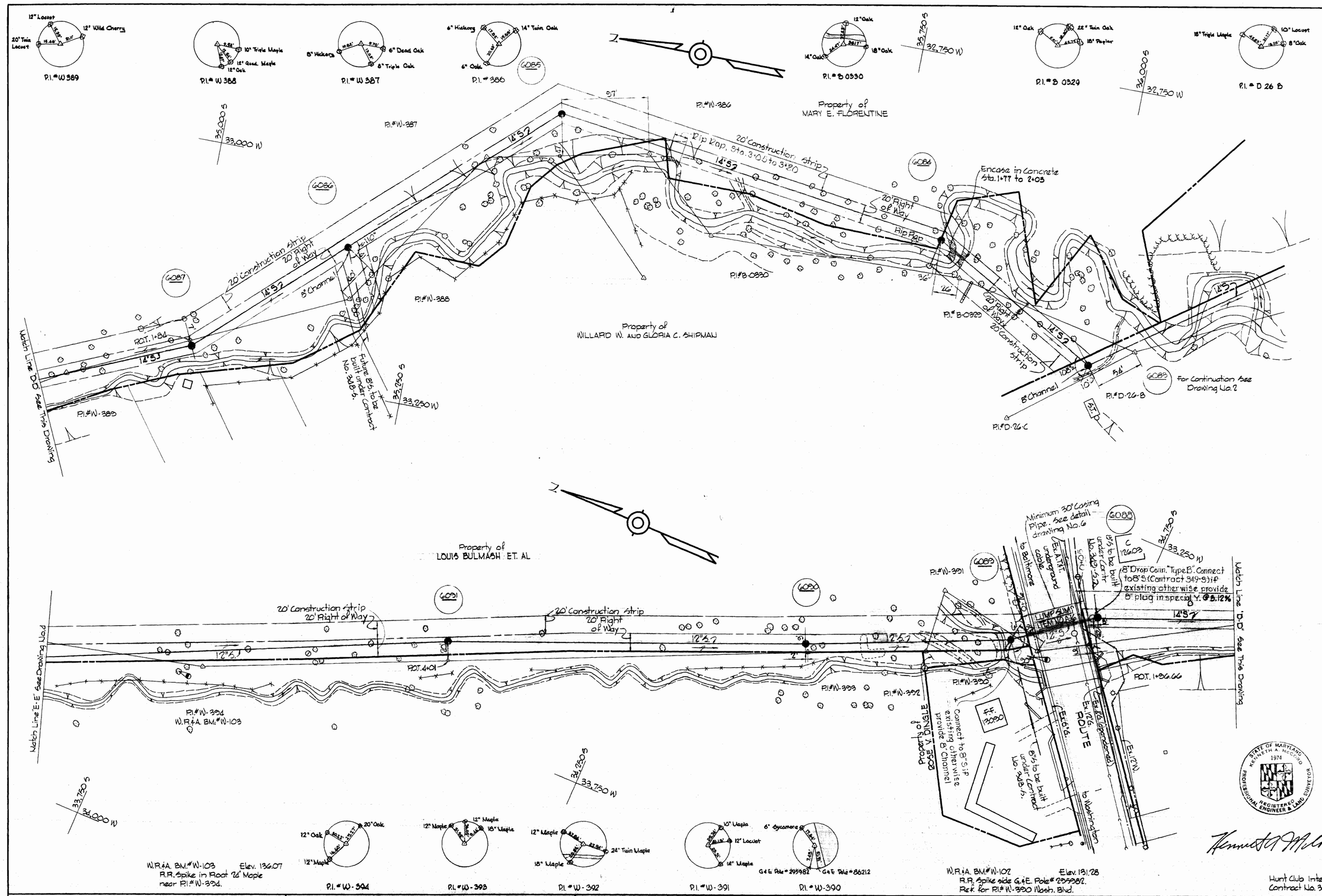
Hunt Club Interceptor
Contract No. 346-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-31-70 DATE W O Fulwood CHIEF-BUREAU OF WATER AND SEWER	CONTRACT NO. 346-S	PLAN OF SEWER MAINS	HUNT CLUB INTERCEPTOR	DRAWING NO. 2 OF 9	SCALE 1"=50'	37 SW 22 37 SW 23 38 SW 22 38 SW 23

W. O. 6185-9

WS 346-S/2

NOV 13, 1972 AS BUILT



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-30-70 (DATE) — W O Talbert (CHIEF-BUREAU OF WATER AND SEWER)	CONTRACT NO. 346-S	PLAN OF SEWER MAINS	HUNT CLUB INTERCEPTOR	DRAWING NO. 3 OF 9	SCALE 1"=50'	34 SW 23 / 35 SW 23 / 36 SW 22 / 36 SW 23 / 37 SW 22 / 37 SW 23

W. O. 6185-2

AS BUILT Nov 13, 1972

F.B.#6343, 6594

WS 346-S/3

W.R.&A. BM.#W-102 Elev. 157.75
R.R. spike root 16" Poplar, 63' Lt. Rt. Pl.#W-399 also Pl. ref.

16" Poplar
12" Poplar
14" Poplar
W.R.&A. BM.#W-102

Pl.#W-399

28" Oak
3" Oak
18" Poplar

Pl.#W-398

6" Maple
8" Maple
6" Triple Maple

Pl.#W-397

6" Oak
10" Oak
12" Twin Oak

Pl.#W-396

6" Twin Oak
6" Oak
4" Poplar

Pl.#W-395

Property of
LOUIS BULMASH ET. AL.

Watch Line "F-F" See This Drawing

6096 — 20' Construction Strip — Pl.#W-399 — 10' Right of Way — P.O.T. 2+57 — P.O.T. 1+28 — W.R.&A. BM.#W-102

6095 — 6094 — 6093 — 6092

Pl.#W-395 — Pl.#W-396 — Pl.#W-398 — Pl.#W-397

Connect to 8"S if existing otherwise provide 8" Channel

8"S to be built under Contract No. 346-S

6169

Watch Line "E-E" See Drawing No. 3

Note: Punch Marks Top Bolts G & E Tower = 301

No differences available

Pl.#W-453

Pl.#W-454

Pl.#W-455

Encase in Concrete Sta. 1+14 to 1+47

Property of STATE of MARYLAND

6099 — Abandon stream bed and fill to existing ground. Slope to drain.

Property of HOWARD J. AND SHIRLENE M. BAUMAN

NOTE: Circled trees to be saved in Bauman Property

20' Right of Way — 20' Construction Strip — 10' Construction Strips — Rip Rap

6098 — 6097 — 6100 — 6101

Property of MARIE W. HERZOG

Drainage Easement

Stream relocation, see typical section drawing No. 6

P.O.T. 3+61 — P.O.T. 1+83

Pl.#W-455 — Pl.#W-454 — Pl.#W-453

Right of Way Line of Through Highway

I-95 Service Road

Ex. 36"D — Ex. 18"D — Ex. 12"S — Ex. 12"W — Ex. 8"S

Contract No. HO 307-W-S

Lump Sum Item No. 80

Remove Ex. 12"W P. Connect to Ex. 12"S

Pl.#W-456

Transmission Tower No. 301

Property of BALTIMORE GAS AND ELECTRIC COMPANY

Property of JOHN A. NASH, JR.

Maintain grade and alignment and connect to Ex. 12"S.

HUNT CLUB ESTATES

Church C 195.78

C 175.78

Connect to 8"S if existing otherwise provide 8" Channel

8"S to be built under Contract No. 346-S

Pl.#W-400 Rip-Rap

Watch Line "F-F" See This Drawing

No.	Date:	Revision
2	8-11-71	Trees to be Saved in Bauman Property
1	10-23-70	Revised Sewer Alignment between MH 6097 & 6099.

Hunt Club Interceptor Contract No. 346-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-30-70 DATE — W. O. Gallant CHIEF—BUREAU OF WATER AND SEWER	CONTRACT NO. 346-S	PLAN OF SEWER MAINS	HUNT CLUB INTERCEPTOR	DRAWING NO. 4 OF 9 — SCALE 1"= 50'

W. O. 6185-2

Nov 13, 1972 AS BUILT
FB# 4605, 4599, 4564

WS 346-S/4

W.R.&A. BM.#W-111 Elev. 163.81
R.R. Spike root 30" Twin Oak
31½ Left Pl.#W-d19.

35,750 S 35,750 W — P1.#W-d21: 8" Hickory; 12" Oak; 16" Oak

P1.#W-d20: 6" Twin Sycamore; 8" Poplar; 6" Twin Poplar

P1.#W-d19: 6" Gum; 6" Poplar; 30" Twin Oak; W.R.&A. BM.#W-111

24,000 S 35,500 W — P1.#W-d18: 10" Poplar; 10" Hickory; 10" Oak

P1.#W-d17: G.i.E.#77876; Punch Marks Top Steel Guard Rail

P1.#W-d16: G.i.E.#99756; 24" Oak; Punch Marks top steel Guard Rail

Property of
TIPTOU'S ELKRIDGE MOBILE ESTATES, INC.

Match Line "G-G" See This Drawing

SHALLOW RUN

P.O.T. 2+76

P1.#W-d21 — P1.#W-d20 75' — P1.#W-d19 W.R.&A. BM.#W-111 — P1.#W-d18

110' — 78' — 20' — 75'

12"S.D.

20' Right of Way
20' Construction Strip

Rip-Rap Sta. 0+80 to 1+20

Rip-Rap

Encase in Concrete Sta 0+31 to 0+50

8" Channels

6109 — 6108 — 6107 — 6106 — 6105

35,500 S 36,000 W

Property of
HARRY C. COLWELL AND MARY BULMASH

U.S. ROUTE 1

BALTIMORE WASHINGTON BOULEVARD

Ex. 12" W. (contract 12A-S)

Ex. 8" W. (contract 12A-S)

Ex. 4" & 1" underground cable to Baltimore Ex. 16

Ex. MH 39B

0104

P1.#W-d16

Build MH over and connect to Ex. 8"S.

Ex. 8"S.

Future 12"S.

12"S.

LUMP SUM EM.NO.87

Ex. 12"D.

Ex. 8" (abandoned) to Washington

Minimum 30" Casing Pipe, See detail drawing No. 6

P1.#W-d17

W.R.&A. BM.#W-113
10" Poplar

6" Oak; 12" Oak — P1.#W-d26

6" Oak; 30" Poplar; 6" Twin Oak — P1.#W-d25

20" Oak; 8" Oak; 26" Beech — P1.#W-d24

12" Twin Walnut; 6" Cherry; 8" Maple — P1.#W-d23

6" Hick.; 8" Twin Oak; 24" Oak; W.R.&A. BM.#W-112 — P1.#W-d22

34,000 S 36,250 W

34,750 S 36,000 W

Property of
EDWARD J. AND LUCY I. WARREN AND
JOSEPH C. AND DAVID BROWNE

Match Line "H-H" See Drawing No. 6

P1.#W-d25 — P1.#W-d24 — SHALLOW RUN — P1.#W-d23 — P1.#W-d22 58'

W.R.&A. BM.#W-113
P1.#W-d26

75' — 25' — 95° — 58' — 78' — 70'

12"S.D.

20' Right of Way
20' Construction Strip

8" Channels

6113 — 6112 — 6111 — 6110

Property of
TIPTOU'S ELKRIDGE MOBILE ESTATES, INC.

Match Line "G-G" See This Drawing

W.R.&A. BM.#W-113 Elev. 165.84
R.R. Spike root 10" Poplar
Ref. for P1.#W-d26.

W.R.&A. BM.#W-112 Elev. 151.38
R.R. Spike root 26" Oak,
Ref. for P1.#W-d22.

STATE OF MARYLAND
KENNETH A. McCORD
1974
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

Shallow Run Interceptor
Section 3
Contract No. 346-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-30-70 (DATE) W O Talbert (CHIEF-BUREAU OF WATER AND SEWER)	CONTRACT NO. 346-S	PLAN OF SEWER MAINS	SHALLOW RUN INTERCEPTOR - SECTION 3	DRAWING NO. 5 OF 9	SCALE 1"=50'

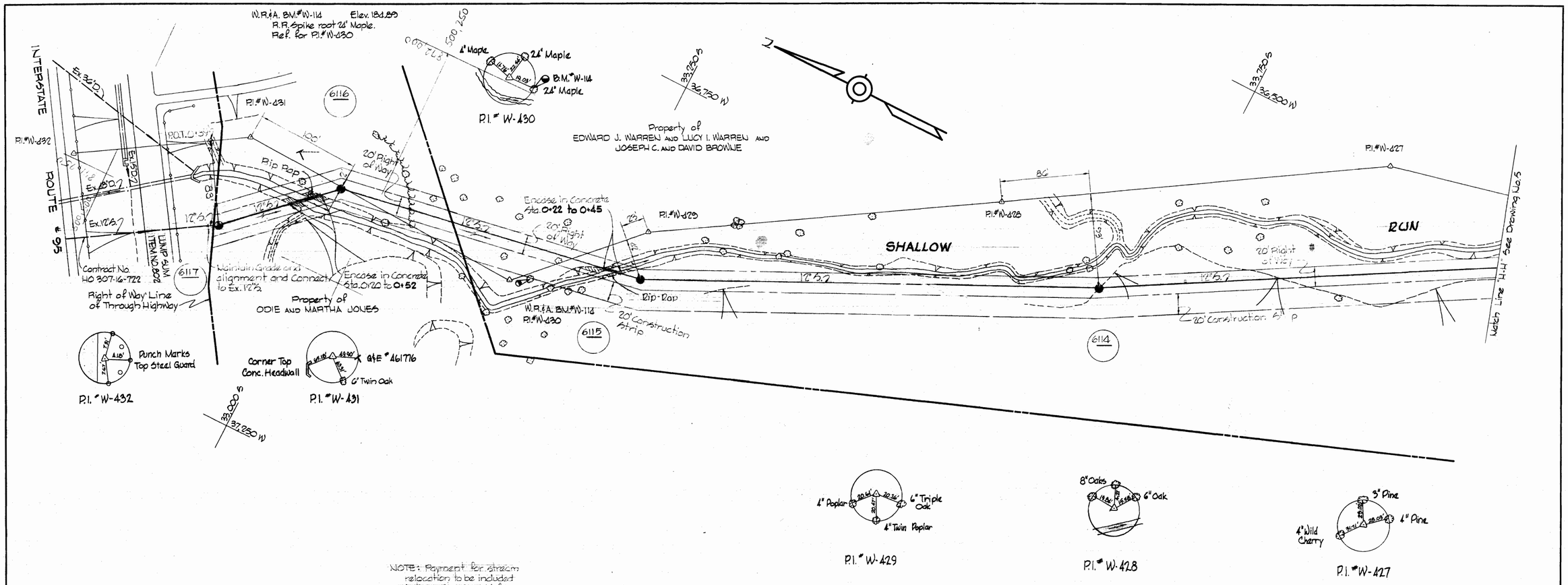
35 SW 25
36 SW 24
36 SW 25
37 SW 24

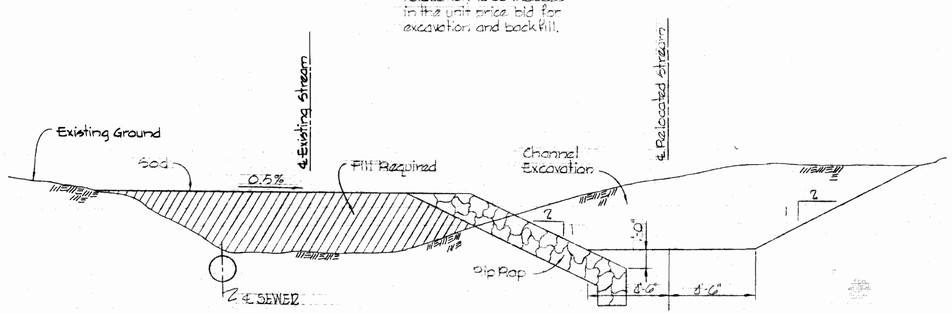
W. O. 6185-2

Nov 13, 1972 AS BUILT

FB #4605 #598

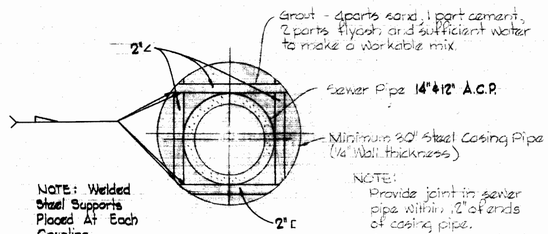
WS 346-S/S





TYPICAL SECTION - STREAM RELOCATION

Scale: 1/8"=1'-0"



LINEAR PLAT AND CASING PIPE DETAIL

Scale: 3/16"=1'-0"

STATE OF MARYLAND KENNETH A. McCORD 1974 REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

Kenneth A. McCord

Shallow Run Interceptor
Section 3
Contract No. 346-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-30-70 (DATE) W O Talbert (CHIEF—BUREAU OF WATER AND SEWER)	CONTRACT NO. 346-S	PLAN OF SEWER MAINS	SHALLOW RUN INTERCEPTOR - SECTION 3	DRAWING NO. 6 OF 9	SCALE 1"=50'

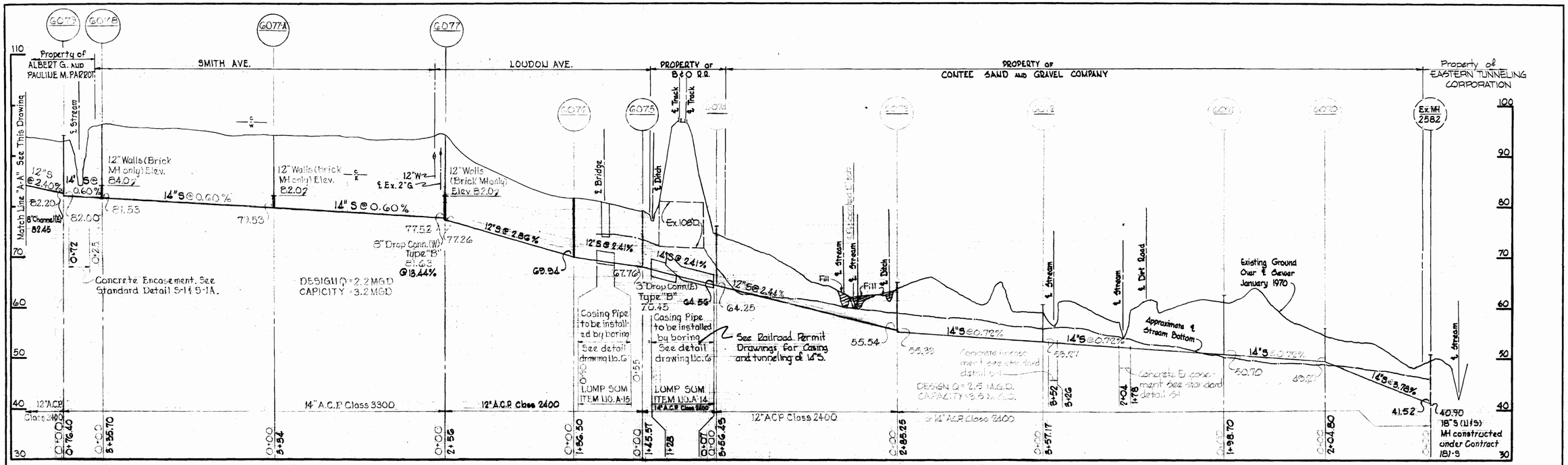
33 6W 25
34 6W 25
33 6W 25

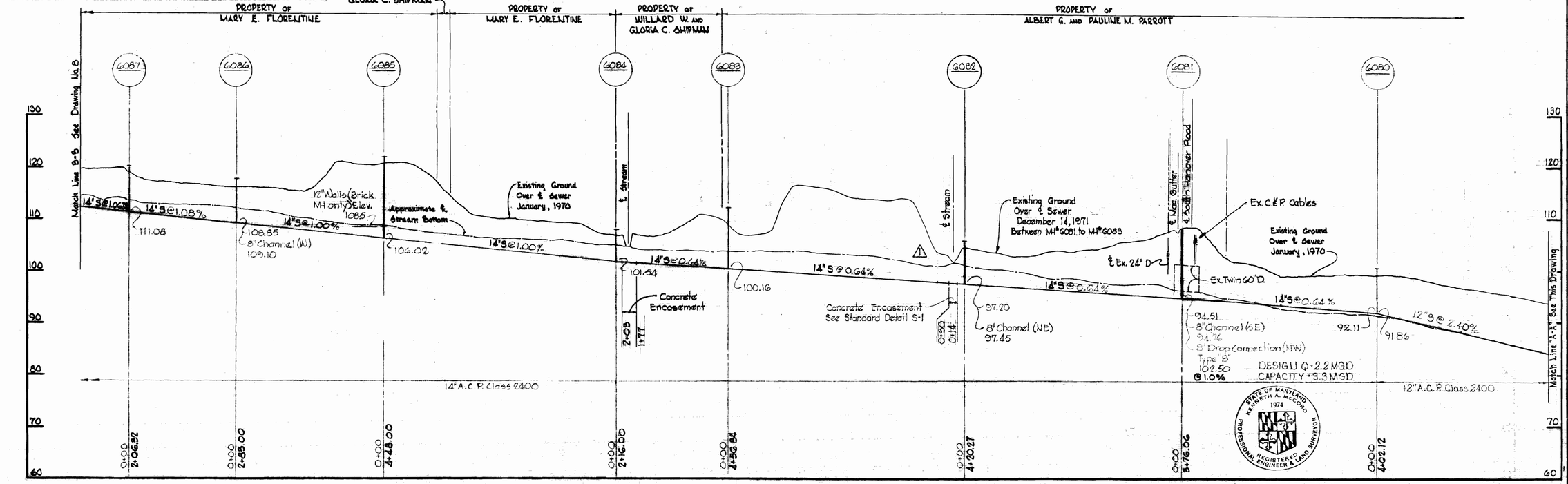
W. O. 6185-2

AS BUILT Nov. 13, 1972
F.B.#4598

WS 346-S/6

No.	DATE	REVISION
⚠1	7-14-71	Revised sewer alignment between MH No. G074 & G079





No.	Date	Revision
⚠1	12-21-71	Revised Sewer Alignment Between MH#G081 to G083

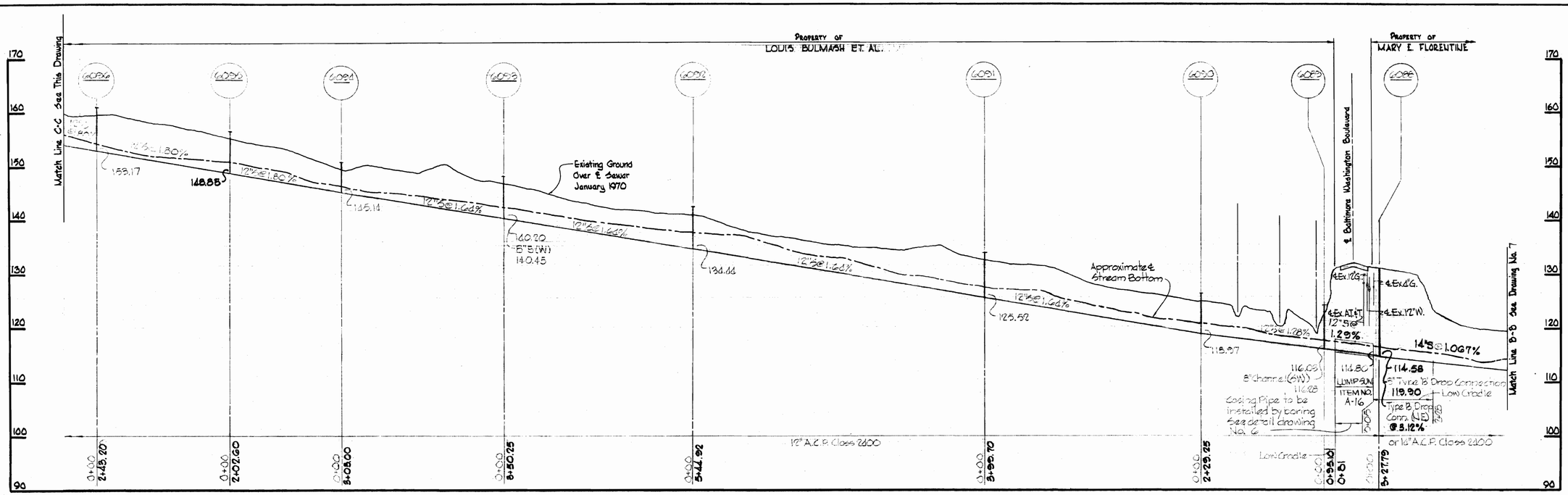
Hunt Club Interceptor
Contract No. 346-S

WS 346-S/7

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-30-70 (DATE) W O Pillard CHIEF—BUREAU OF WATER AND SEWER	CONTRACT NO. 346-S	PROFILES OF SEWER MAINS	HUNT CLUB INTERCEPTOR	DRAWING NO. 7 OF 9 SCALE H:1"=100' V:1"=10'

W. O. 6185-2

Nov. 13, 1972 AS BUILT



STATE OF MARYLAND
KENNETH A. McCORD
1974
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

Kenneth A. McCord

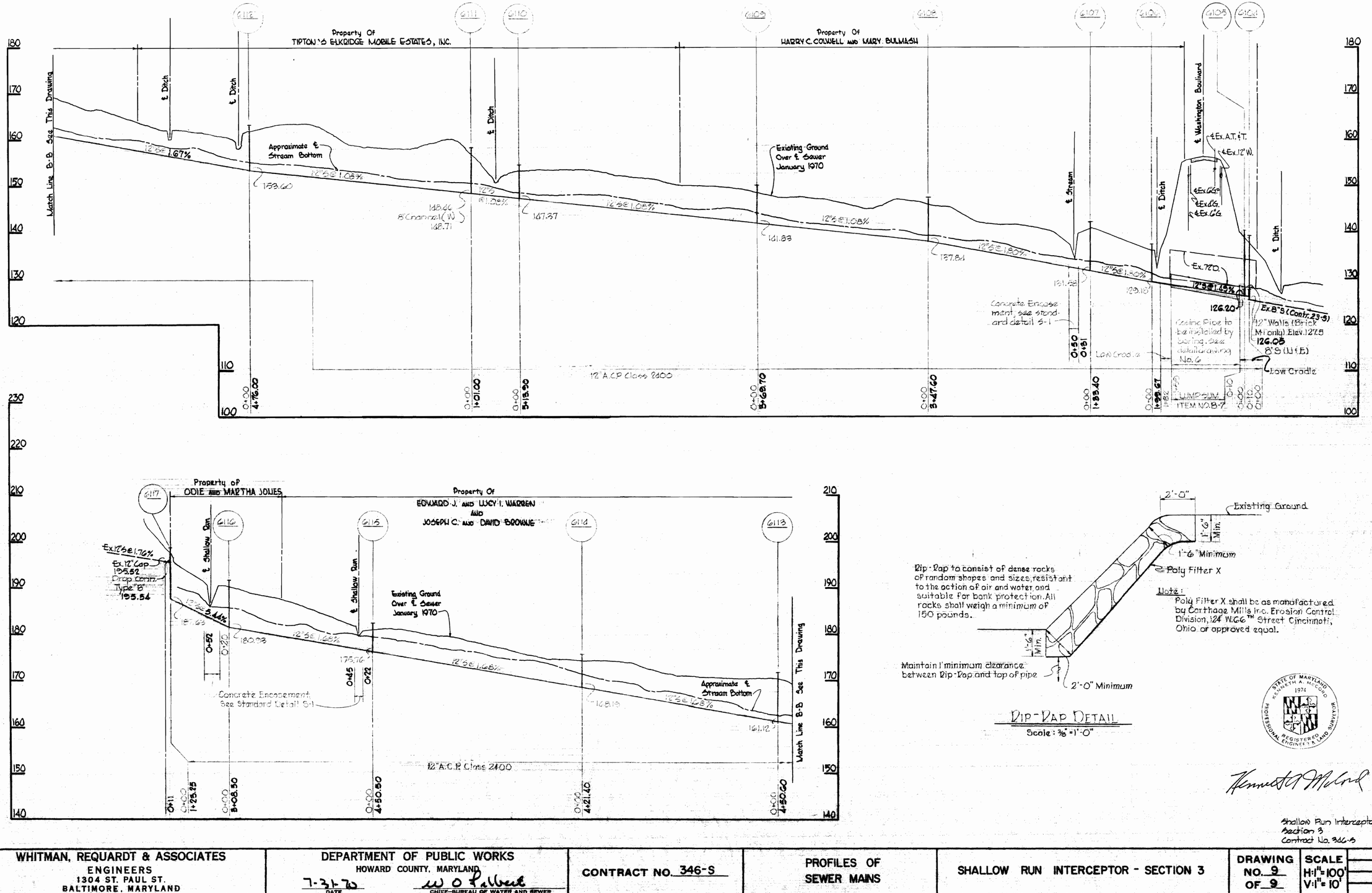
Hunt Club Interceptor
Contract No. 346-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-30-70 (DATE) W.O. Gilbert (CHIEF-BUREAU OF WATER AND SEWER)	CONTRACT NO. 346-S	PROFILES OF SEWER MAINS	HUNT CLUB INTERCEPTOR	DRAWING NO. 8 OF 9	SCALE H:1"=100' V:1"=10'

W. O. 6185-2

Nov. 13, 1972 AS BUILT

WS 346-S/8



RIP-RAP DETAIL
Scale: 3/8" = 1'-0"

Shallow Run Interceptor
Section 3
Contract No. 346-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-31-70 (DATE) W O Talbert (CHIEF-BUREAU OF WATER AND SEWER)	CONTRACT NO. 346-S	PROFILES OF SEWER MAINS	SHALLOW RUN INTERCEPTOR - SECTION 3	DRAWING NO. 9 OF 9	SCALE H:1"=100' V:1"=10'

W.O. 6185-2

AS BUILT Nov 13 1972

WS 346-S/9