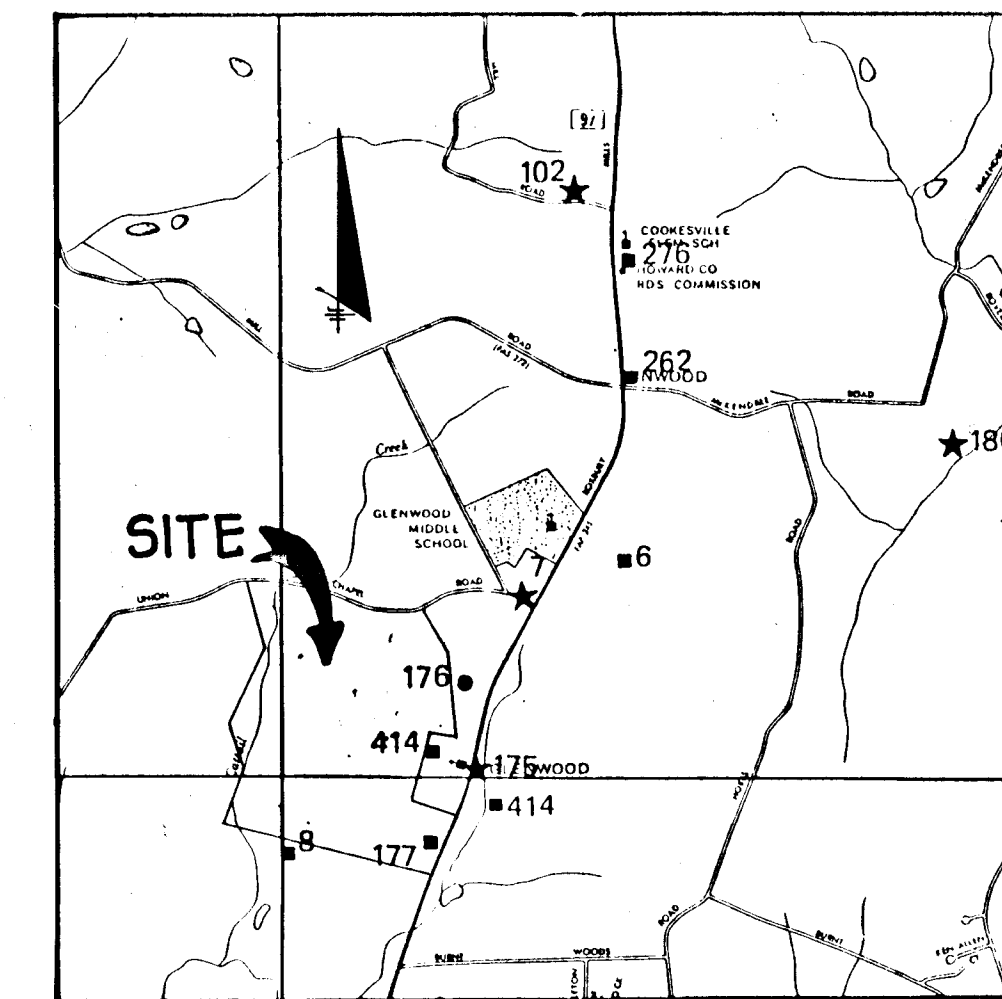


SHEET INDEX

NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN & PROFILE OF HUNT VALLEY DRIVE
3	PLAN & PROFILE OF UNION CHAPEL DRIVE
4	PLAN & PROFILE OF UNION CHAPEL DRIVE
5	PLAN & PROFILE OF HUNT VALLEY DRIVE
6	PLAN & PROFILE OF HUNT VALLEY DR. & SAGEWOOD DR.
7	PLAN & PROFILE OF WOODSDALE ROAD
8	PLAN & PROFILE OF LONGFIELD ROAD
9	PLAN & PROFILE OF LONGFIELD ROAD
10	PROFILE & SEDIMENT CONTROL DETAILS
11	STORM DRAIN PROFILES
12	GRADING AND SEDIMENT CONTROL PLAN HUNT VALLEY DRIVE AND WOODSDALE ROAD
13	GRADING AND SEDIMENT CONTROL PLAN UNION CHAPEL ROAD
14	GRADING AND SEDIMENT CONTROL PLAN HUNT VALLEY DRIVE AND SAGEWOOD DRIVE
15	GRADING AND SEDIMENT CONTROL PLAN LONGFIELD ROAD
16	DRAINAGE AREA MAP

ROADWAY & STORM DRAIN  
**THE DEPENDENCE**  
 WELLINGTON  
 SECTION 1, AREA 1  
 4th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND



VICINITY MAP

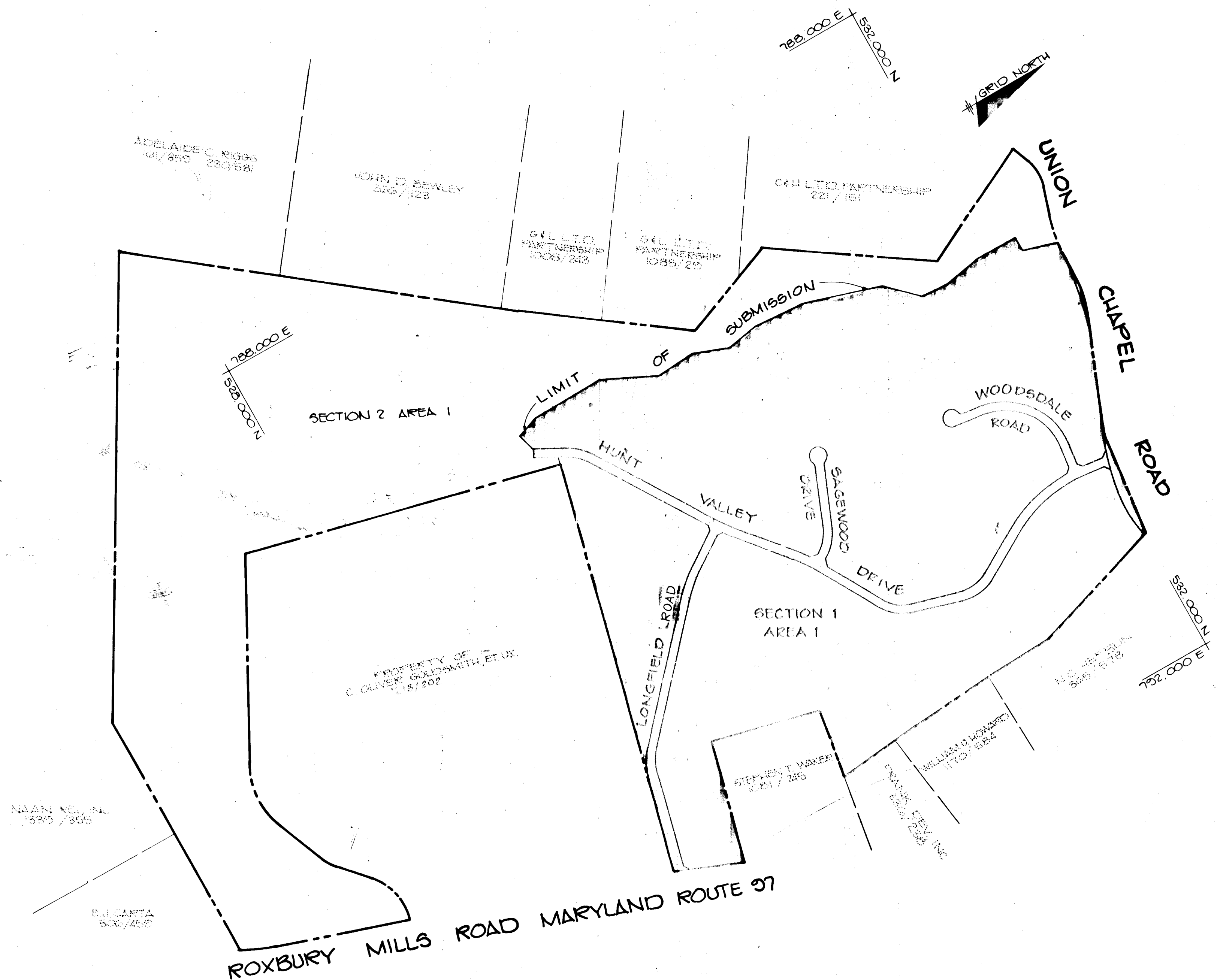
SCALE: 1" = 2640'

**BENCH MARK DESCRIPTION**  
 BM # 3333002  
 CONCRETE MONUMENT 0.3' BELOW SURFACE  
 23.3' OFF E. BURNWOOD ROAD  
 BM # 3333001  
 CONCRETE MONUMENT 0.5' BELOW SURFACE  
 1' FROM WITNESS POST  
 HORIZONTAL & VERTICAL CONTROL BASED ON

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR ROAD CONSTRUCTION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES AT LEAST THREE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.  

BELL TELEPHONE SYSTEM	393-3649
LONG DISTANCE CABLE DIVISION	393-3553 OR 3554
BALTIMORE GAS AND ELECTRIC	539-8000 EXT. 691
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
HOWARD COUNTY CONSTRUCTION INSPECTION SURVEY DIVISION	992-2417 OR 2418
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- ALL STREET CURB RETURNS SHALL HAVE 20.0' RADIUS UNLESS OTHERWISE NOTED.
- STORM DRAIN TRENCHES WITHIN ROAD RIGHT OF WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
- INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1984 EDITION.
- PIPE SHALL NOT BE INSTALLED BY THE CONTRACTOR UNTIL THE LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY THE ENGINEER IN THE FIELD.
- DESIGNED TRAFFIC SPEED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIAL STANDARDS:  
 ALL CUL-DE-SAC DESIGNED FOR 30 M.P.H., ALL LOCAL STREETS DESIGNED FOR 30 M.P.H.
- ALL FILL AREAS WITHIN ROADWAYS AND UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM 95% OF MAXIMUM OBTAINABLE DENSITY DETERMINED BY MARSHALL PROCTER.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- SUBJECT PROPERTY ZONED "R" PER B/2/85 COMPREHENSIVE ZONING PLAN
- TOPD TAKEN FROM FIELD RUN SURVEY BY TRACY, SCHULTE & ASSOCIATES DATED AUG 1989 AND AERIAL PHOTOGRAMMETRY



"AS BUILT"

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING <i>Mark J. McLaughlin</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	7/3/89 DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>Paul J. [Signature]</i> CHIEF, LAND DEVELOPMENT DIVISION	6/16/89 DATE
<i>William W. Weiland</i> CHIEF, BUREAU OF HIGHWAYS	6/15/89 DATE
<i>William S. [Signature]</i> CHIEF, BUREAU OF ENGINEERING	6-20-89 DATE

2-14-91	CHANGED ROAD NAME TO LONGFIELD ROAD	REVISION
---------	-------------------------------------	----------

**TRACY, SCHULTE & ASSOCIATES INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

**WELLINGTON**

OWNER SECURITY DEVELOPMENT CORP PO BOX 417 ELLICOTT CITY, MARYLAND 21043 (301) 465-4244	PROJECT <b>THE DEPENDENCE</b> SECTION ONE, AREA ONE LOTS 1-47
DEVELOPER SECURITY DEVELOPMENT CORP PO BOX 417 ELLICOTT CITY, MARYLAND 21043 (301) 465-4244	LOCATION TAX MAPS 14 & 21 PARCELS 73 & 74 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE TITLE SHEET	DATE JANUARY 2, 1989 MARCH 17, 1989
DES 5JB	DRN KMN/JCA
SCALE AS SHOWN	PROJECT NO 0023 DRAWING 1 OF 16

PLAN  
SCALE 1"=400'

12-17-91  
"AS BUILT"

1454

FOR UNION CHAPEL  
PLAN & PROFILE SEE  
DRAWING NO. 344

FOR CONTINUATION OF  
WOODSDALE ROAD SEE  
DRAWING NO. 7

**CURVE DATA**  
HUNT VALLEY DRIVE  
¢ STA. 2+82.20 TO ¢ STA. 7+27.84

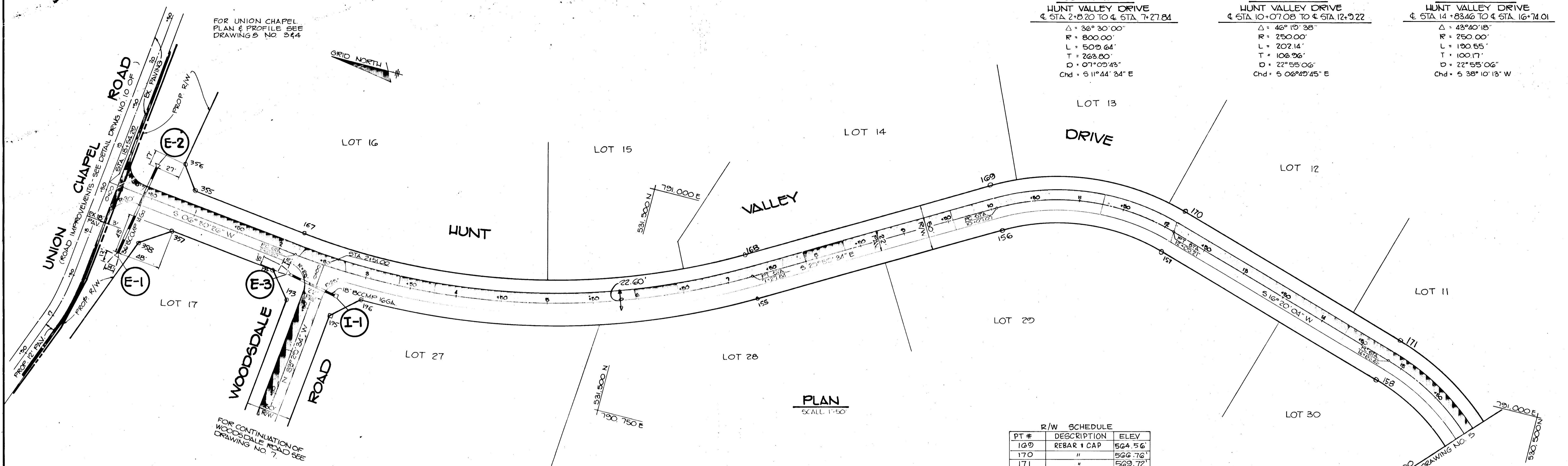
Δ = 36° 30' 00"  
R = 800.00'  
L = 509.64'  
T = 263.80'  
D = 07° 09' 43"  
Chd = 5 11° 44' 34" E

**CURVE DATA**  
HUNT VALLEY DRIVE  
¢ STA. 10+07.08 TO ¢ STA. 12+9.22

Δ = 46° 13' 38"  
R = 250.00'  
L = 207.14'  
T = 106.96'  
D = 22° 55' 06"  
Chd = 5 06° 49' 45" E

**CURVE DATA**  
HUNT VALLEY DRIVE  
¢ STA. 14+83.46 TO ¢ STA. 16+74.01

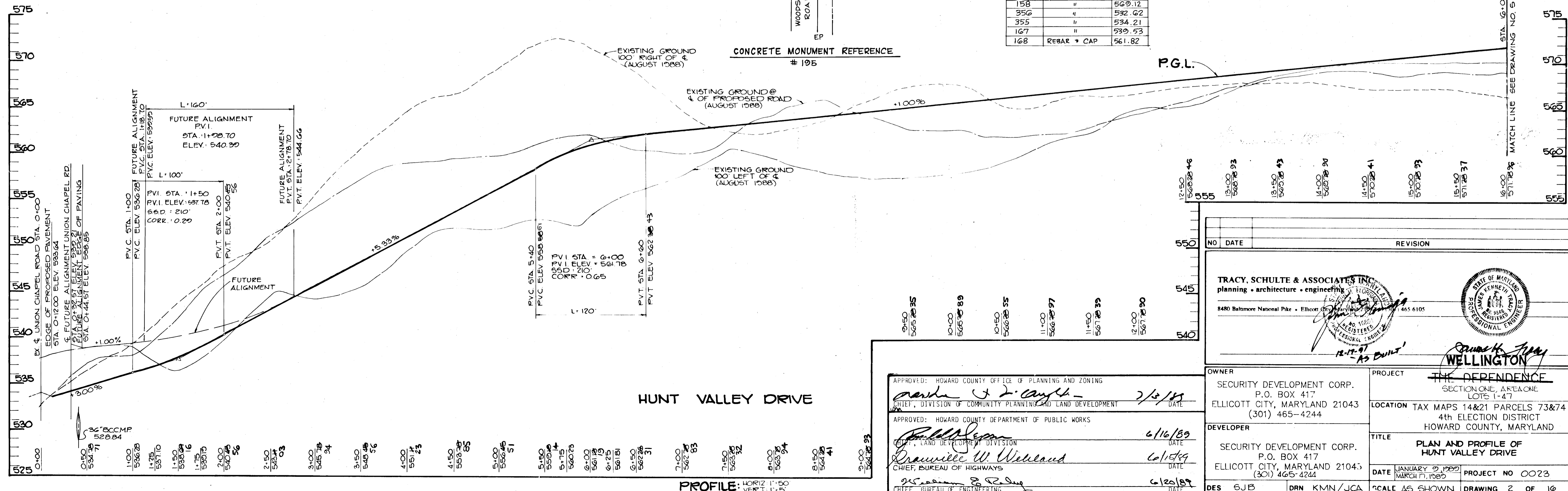
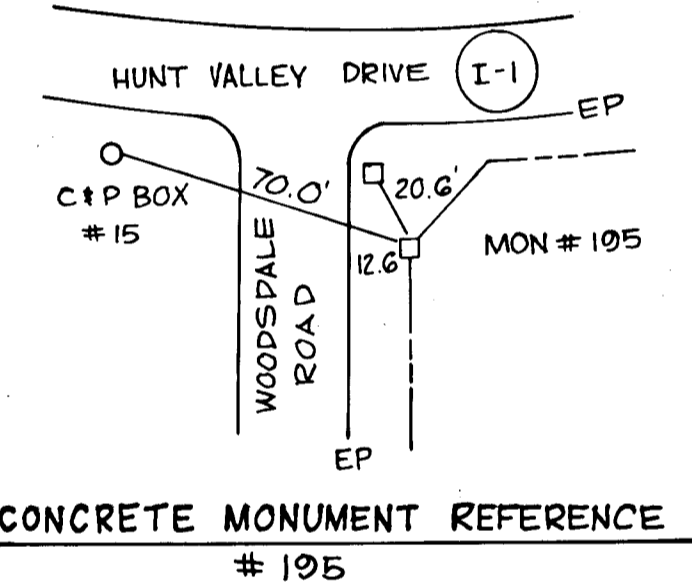
Δ = 43° 40' 18"  
R = 250.00'  
L = 190.55'  
T = 100.17'  
D = 22° 55' 06"  
Chd = 5 38° 10' 13" W



**PLAN**  
SCALE 1"=50'

**R/W SCHEDULE**

PT #	DESCRIPTION	ELEV
169	REBAR + CAP	564.56
170	"	566.76
171	"	569.72
358	"	532.98
357	"	534.74
194	"	539.43
193	"	541.17
195	CONC. MON.	542.65
196	REBAR + CAP	543.57
155	"	561.12
156	"	563.50
157	"	565.43
158	"	569.12
356	"	532.62
355	"	534.21
167	"	539.53
168	REBAR + CAP	561.82



**HUNT VALLEY DRIVE**

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

NO	DATE	REVISION
12+50	566.28+46	
13+00	566.76+93	
13+50	569.72+43	
14+00	569.72+90	
14+50	570.22+41	
15+00	570.22+93	
15+50	571.22+37	
16+00	571.22+84	

NO	DATE	REVISION

**TRACY, SCHULTE & ASSOCIATES INC.**  
planning • architecture • engineering  
8480 Baltimore National Pike • Ellicott City, Maryland 21043 • 465-6105

*Tracy Schulte*  
12-17-89  
AS BUILT

**WELLINGTON**

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Archie J. Campbell* 2/13/89  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*William W. Welland* 6/16/89  
CHIEF, BUREAU OF HIGHWAYS

*William W. Welland* 6/15/89  
CHIEF, BUREAU OF HIGHWAYS

*William W. Welland* 6/20/89  
CHIEF, BUREAU OF ENGINEERING

OWNER: SECURITY DEVELOPMENT CORP.  
P.O. BOX 417  
ELLICOTT CITY, MARYLAND 21043  
(301) 465-4244

DEVELOPER: SECURITY DEVELOPMENT CORP.  
P.O. BOX 417  
ELLICOTT CITY, MARYLAND 21043  
(301) 465-4244

PROJECT: THE DEPENDENCE  
SECTION ONE, AREA ONE  
LOTS 1-47

LOCATION TAX MAPS 14&21 PARCELS 73&74  
4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE: PLAN AND PROFILE OF  
HUNT VALLEY DRIVE

DATE: JANUARY 2, 1989  
MARCH 7, 1989

PROJECT NO: 0023

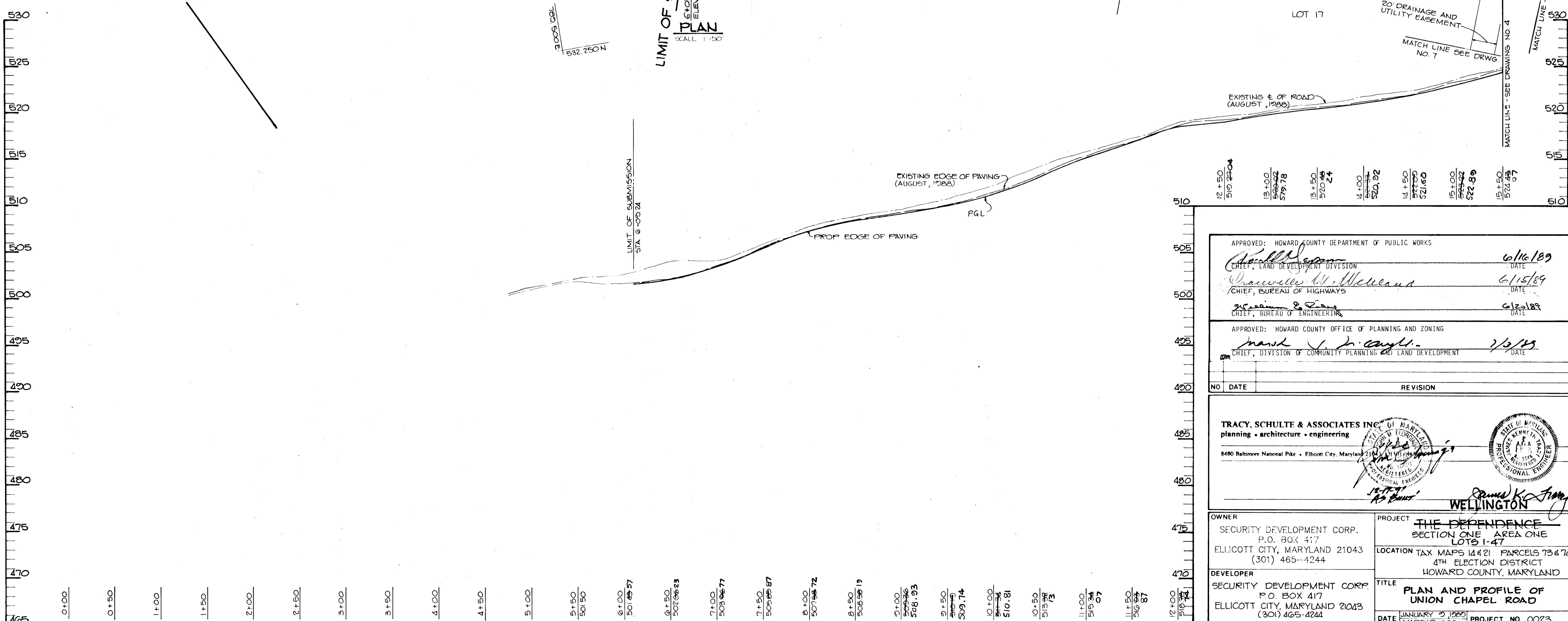
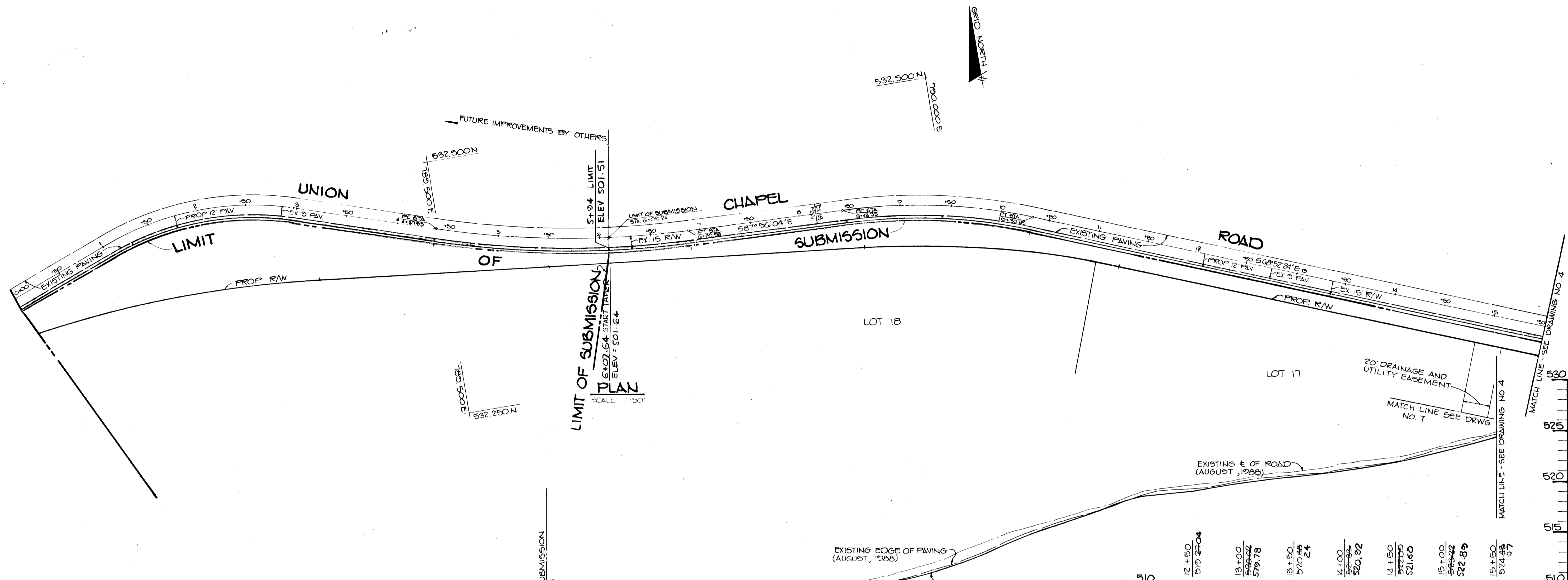
SCALE: AS SHOWN

DRAWING: 2 OF 16

1454

**CURVE DATA**  
**UNION CHAPEL ROAD**  
 ± STA 4+37.99 TO ± STA 6+87.98    ± STA 8+43.95 TO ± STA 10+30.85

Δ = 15° 30' 29"	Δ = 19° 23' 41"
R = 923.60'	R = 552.20'
L = 249.93'	L = 186.95'
T = 125.76'	T = 94.38'
D = 06° 12' 13"	D = 10° 22' 28"
Chd = S 80° 10' 50" E	Chd = S 78° 14' 14" E



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 [Signature] DATE 6/16/89  
 CHIEF, LAND DEVELOPMENT DIVISION

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 [Signature] DATE 7/3/89  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

NO	DATE	REVISION

**TRACY, SCHULTE & ASSOCIATES INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043

15-77-71  
 AS BUILT

OWNER: SECURITY DEVELOPMENT CORP.  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-4244

PROJECT: THE DEPENDENCE  
 SECTION ONE, AREA ONE  
 LOTS 1-47  
 LOCATION TAX MAPS 144 21 PARCELS 73 & 74  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

DEVELOPER: SECURITY DEVELOPMENT CORP.  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-4244

TITLE: PLAN AND PROFILE OF UNION CHAPEL ROAD

DATE: JANUARY 2, 1989  
 MARCH 7, 1989

DES SUB: DRN KMN/JCA

SCALE: AS SHOWN

PROJECT NO 0023

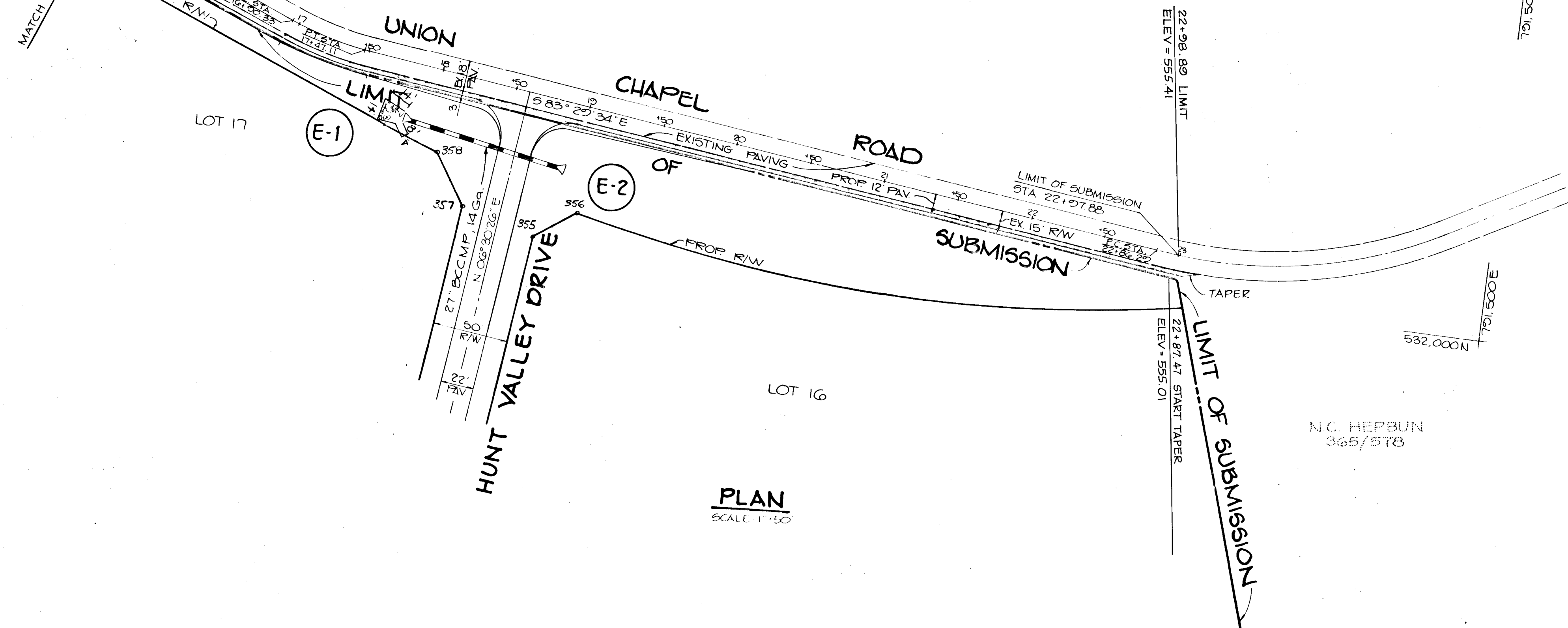
DRAWING 3 OF 16

1454

PROFILE: VERT. 1"=5'  
 HORIZ. 1"=80'

CURVE DATA  
 UNION CHAPEL ROAD  
 ± STA. 16+22.33 TO ± STA. 17+47.11  
 $\Delta = 14^\circ 57' 10''$   
 $R = 217.58'$   
 $L = 56.78'$   
 $D = 26^\circ 20' 00''$   
 Chd.  $S 76^\circ 00' 59'' E, 56.62'$   
 $T = 28.55'$

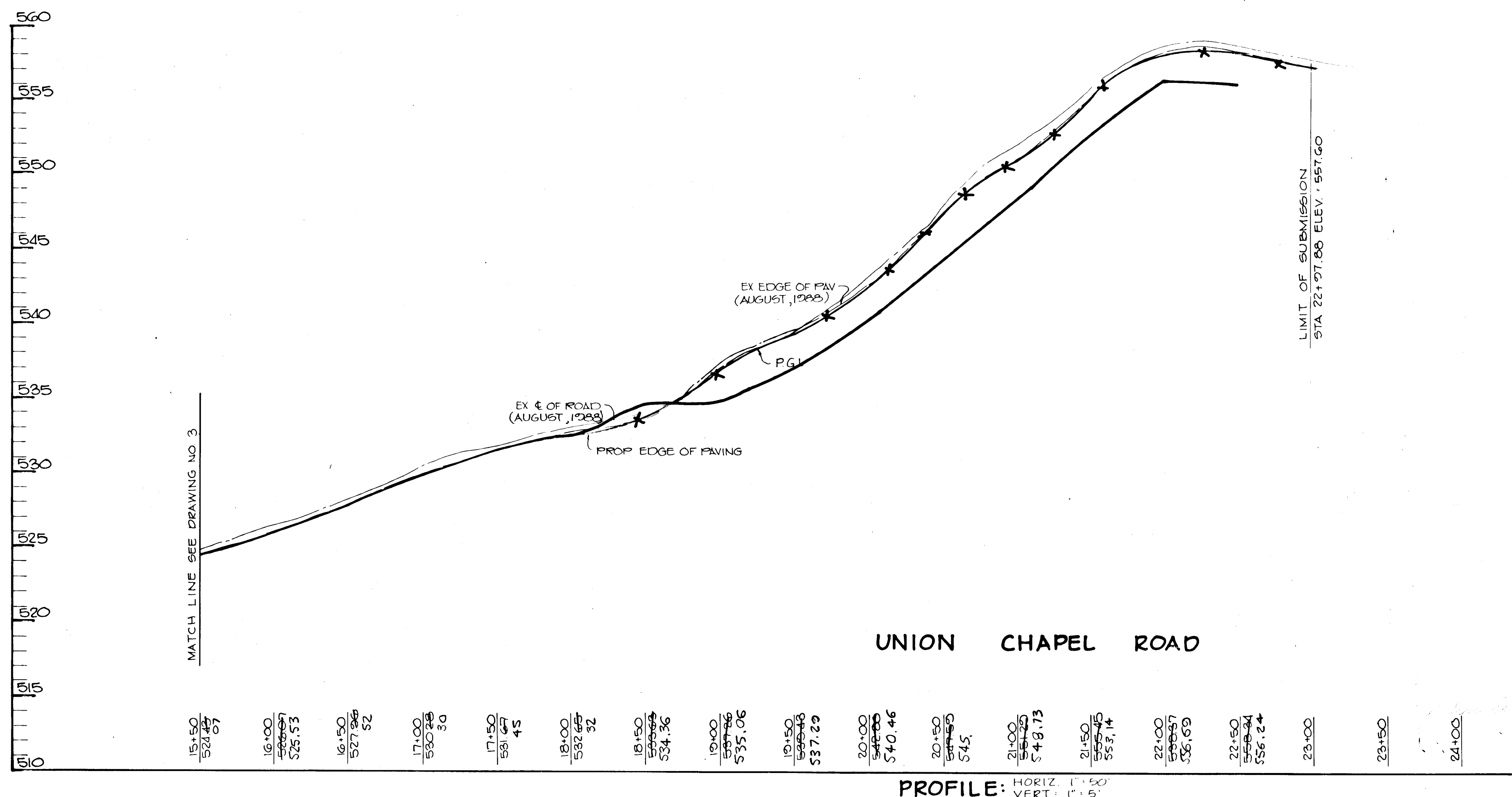
CURVE DATA  
 UNION CHAPEL ROAD  
 ± STA. 22+86.29 TO ± STA. 22+97.88  
 $\Delta = 02^\circ 09' 13''$   
 $R = 307.76'$   
 $L = 11.57'$   
 $D = 18^\circ 37' 01''$   
 Chd.  $S 84^\circ 34' 10'' E, 11.57'$   
 $T = 27.20'$



PLAN  
 SCALE 1"=50'

R/W SCHEDULE

PT#	DESCRIPTION	ELEV.
355	REBAR + CAP	534.21
356	" "	532.62
357	" "	534.74
358	" "	532.98



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

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 [Signature] 6/16/89  
 CHIEF, LAND DEVELOPMENT DIVISION DATE

[Signature] 6/15/89  
 CHIEF, BUREAU OF HIGHWAYS DATE

[Signature] 6-20-89  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 [Signature] 7/13/89  
 CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

NO	DATE	REVISION

TRACY, SCHULTE & ASSOCIATES INC.  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043  
 12-17-91  
 AS BUILT WELLINGTON

OWNER: SECURITY DEVELOPMENT CORP.  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-4244

PROJECT: THE WYNDENANCE  
 SECTION ONE AREA ONE  
 LOTS 1-47

DEVELOPER: SECURITY DEVELOPMENT CORP.  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-4244

LOCATION TAX MAPS 14421 PARCELS 73&74  
 4TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

TITLE: PLAN AND PROFILE OF UNION CHAPEL ROAD

DATE: JANUARY 9, 1989  
 MARCH 17, 1989

PROJECT NO: 0023

DES: GJB DRN: KMN/JCA SCALE: AS SHOWN DRAWING: 4 OF 16

1454

**CURVE DATA**  
HUNT VALLEY DRIVE  
+ STA 14+83.46 TO + STA. 16+74.01

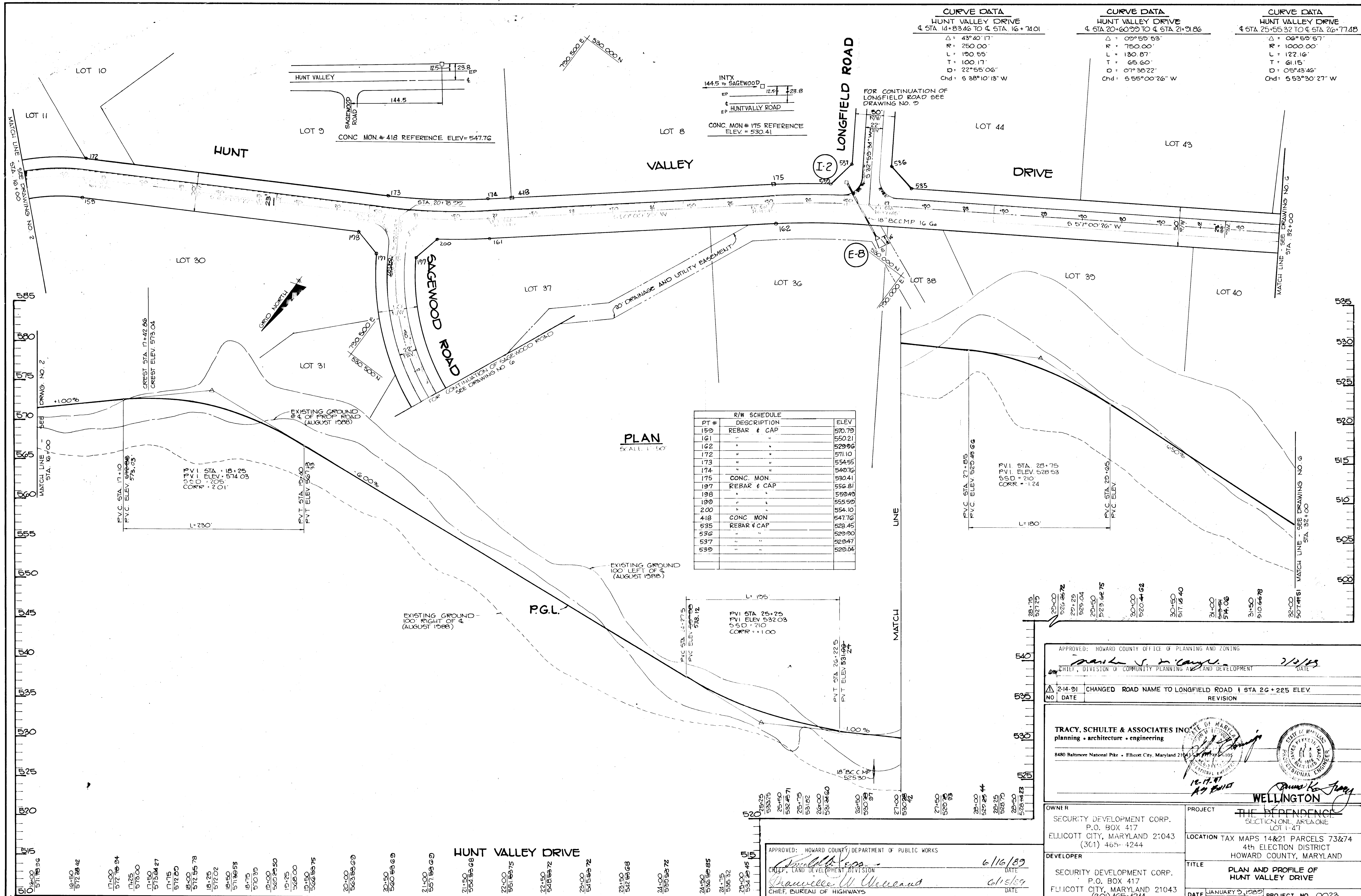
Δ: 43°40'17"  
R: 250.00'  
L: 190.55'  
T: 100.17'  
D: 22°55'06"  
Chd: S 28°10'13" W

**CURVE DATA**  
HUNT VALLEY DRIVE  
+ STA 20+60.99 TO + STA. 21+31.86

Δ: 09°59'59"  
R: 750.00'  
L: 130.87'  
T: 65.60'  
D: 07°38'22"  
Chd: S 55°00'26" W

**CURVE DATA**  
HUNT VALLEY DRIVE  
+ STA. 25+55.32 TO + STA. 26+77.48

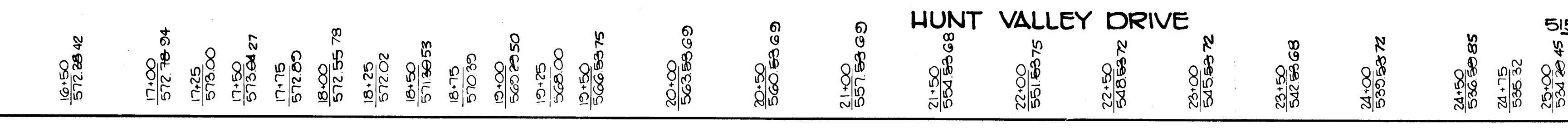
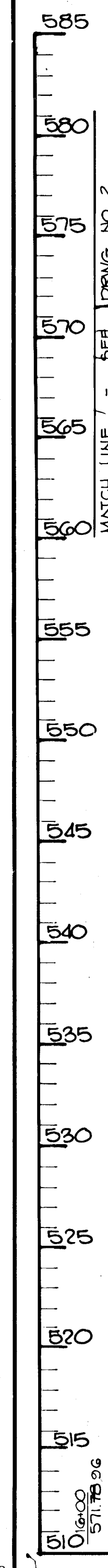
Δ: 06°59'57"  
R: 1000.00'  
L: 122.16'  
T: 61.15'  
D: 05°43'46"  
Chd: S 53°30'27" W



PLAN  
SCALE 1"=50'

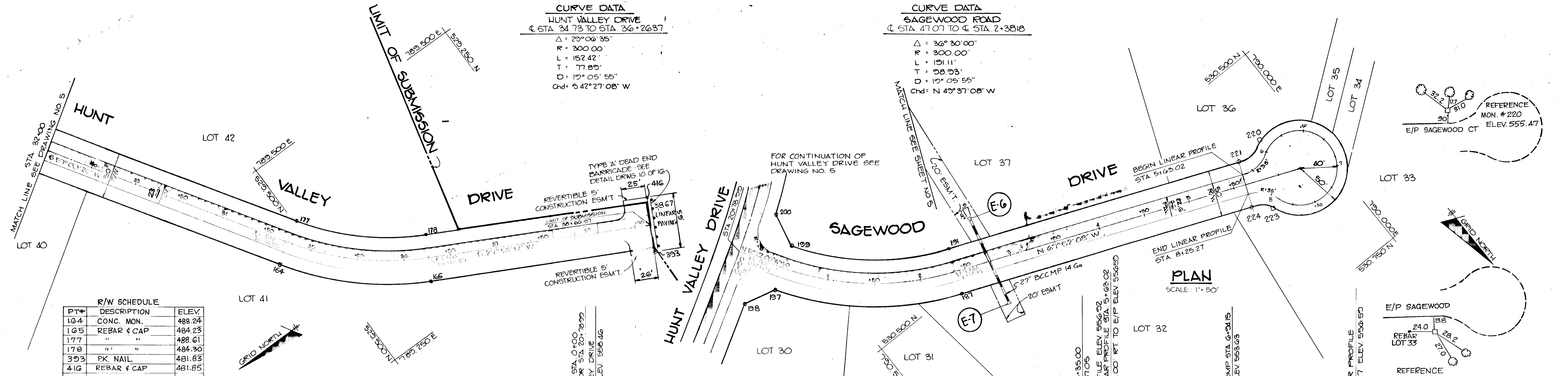
**R/W SCHEDULE**

PT #	DESCRIPTION	ELEV
159	REBAR & CAP	570.79
161	"	550.21
162	"	529.96
172	"	571.10
173	"	554.55
174	"	540.76
175	CONC. MON.	530.41
197	REBAR & CAP	556.81
198	"	559.49
199	"	555.59
200	"	554.10
418	CONC. MON.	547.76
535	REBAR & CAP	528.45
536	"	529.90
537	"	529.47
539	"	529.04



**CURVE DATA**  
**HUNT VALLEY DRIVE**  
 CL STA 34.73 TO STA 36+26.87  
 $\Delta$ : 23°06'35"  
 R: 300.00'  
 L: 152.42'  
 T: 77.83'  
 D: 17°05'55"  
 Chd: S 42°27'08" W

**CURVE DATA**  
**SAGEWOOD ROAD**  
 CL STA 47.07 TO CL STA 2+38.18  
 $\Delta$ : 36°30'00"  
 R: 300.00'  
 L: 191.11'  
 T: 98.93'  
 D: 19°05'55"  
 Chd: N 49°37'08" W

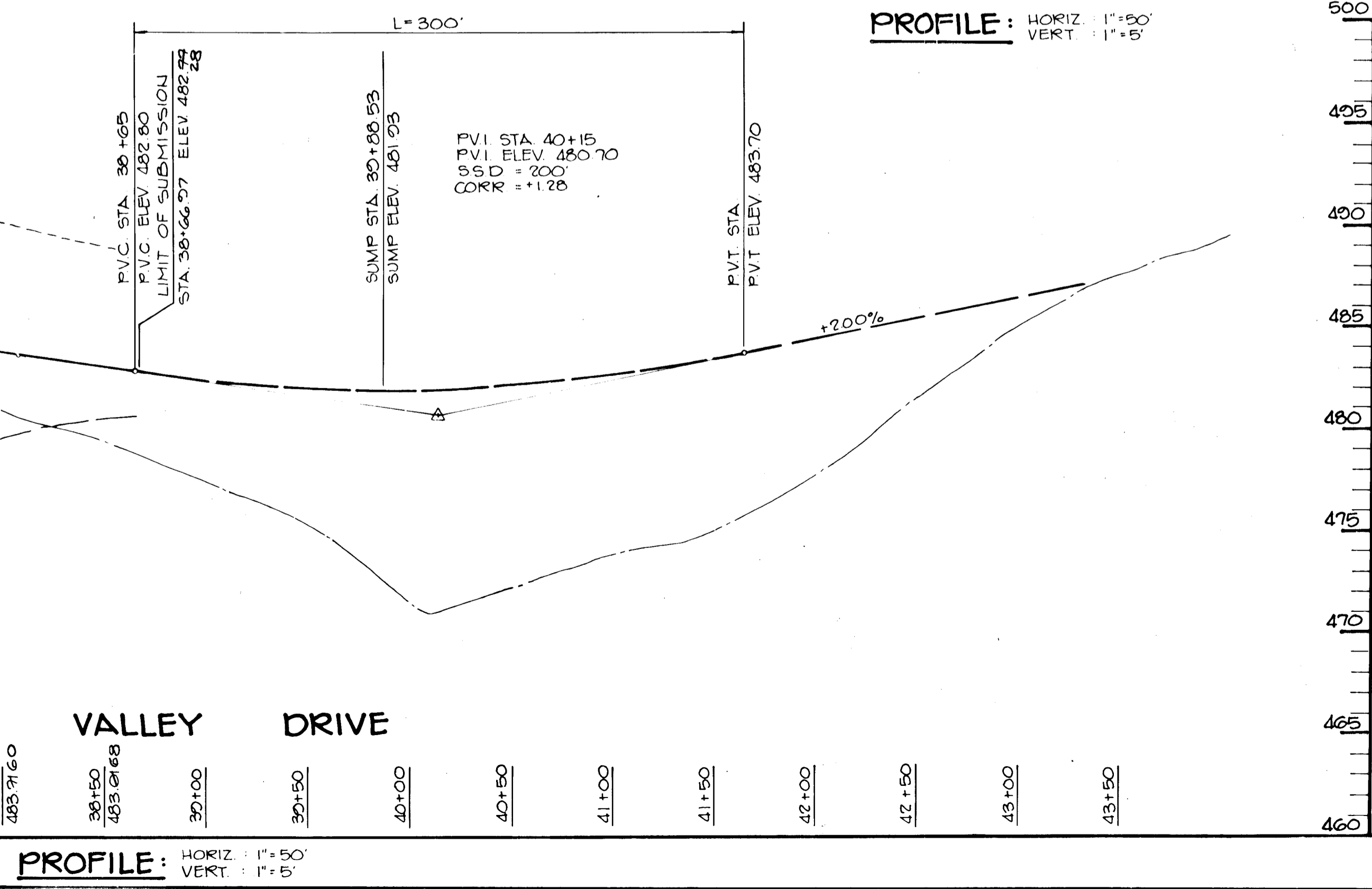
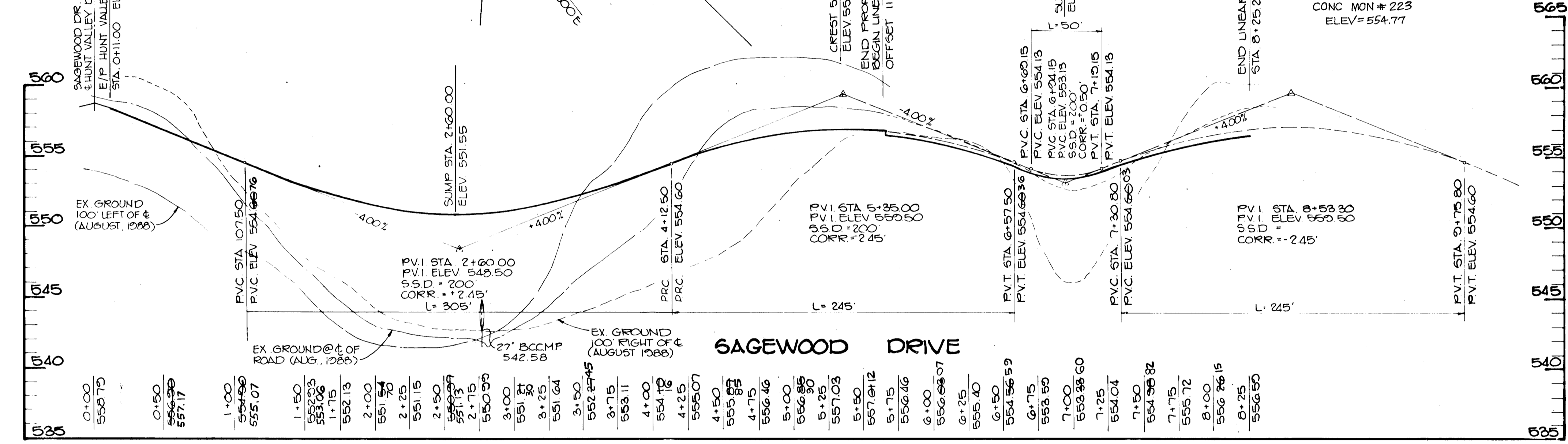
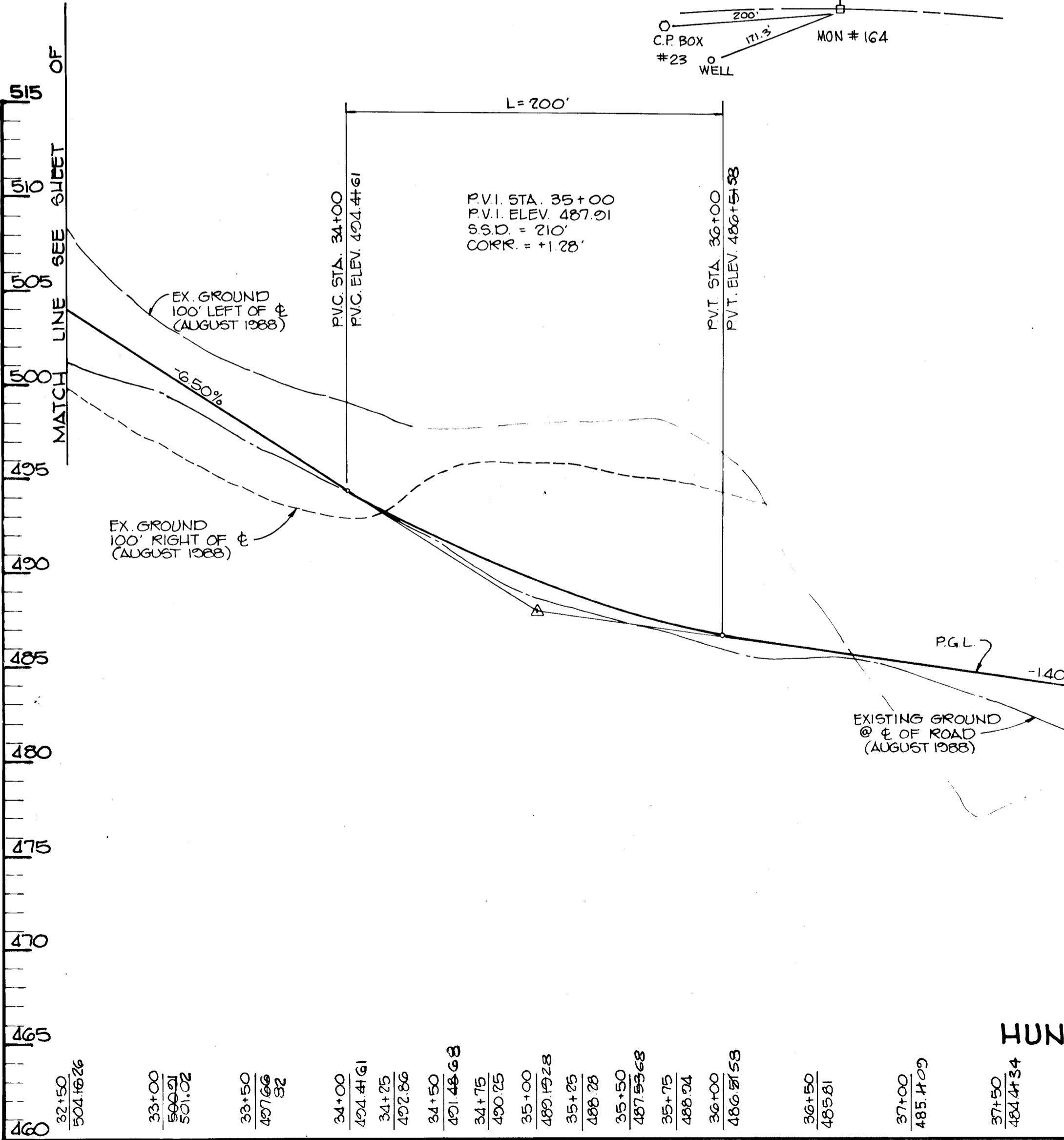


**R/W SCHEDULE**

PT#	DESCRIPTION	ELEV.
164	CONC. MON.	488.24
165	REBAR & CAP	484.23
177	"	488.61
178	"	484.30
393	PK. NAIL	481.83
416	REBAR & CAP	481.85
187	"	549.82
191	"	549.07
197	"	556.81
198	"	555.49
199	"	555.59
200	"	554.10
220	CONC. MON.	555.47
221	REBAR & CAP	555.40
223	CONC. MON.	554.77
224	REBAR & CAP	553.68

**PLAN**  
SCALE: 1"=50'

1454



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief, LAND DEVELOPMENT DIVISION  
 DATE: 6/16/89

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 Chief, DIVISION OF COMMUNITY PLANNING AND DEVELOPMENT  
 DATE: 7/15/89

REVISION: REMOVE GUARDRAIL  
 DATE: 2-14-91

**TRACY, SCHULTE & ASSOCIATES, INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, MD 21043 • (301) 465-6105

**WELLINGTON**

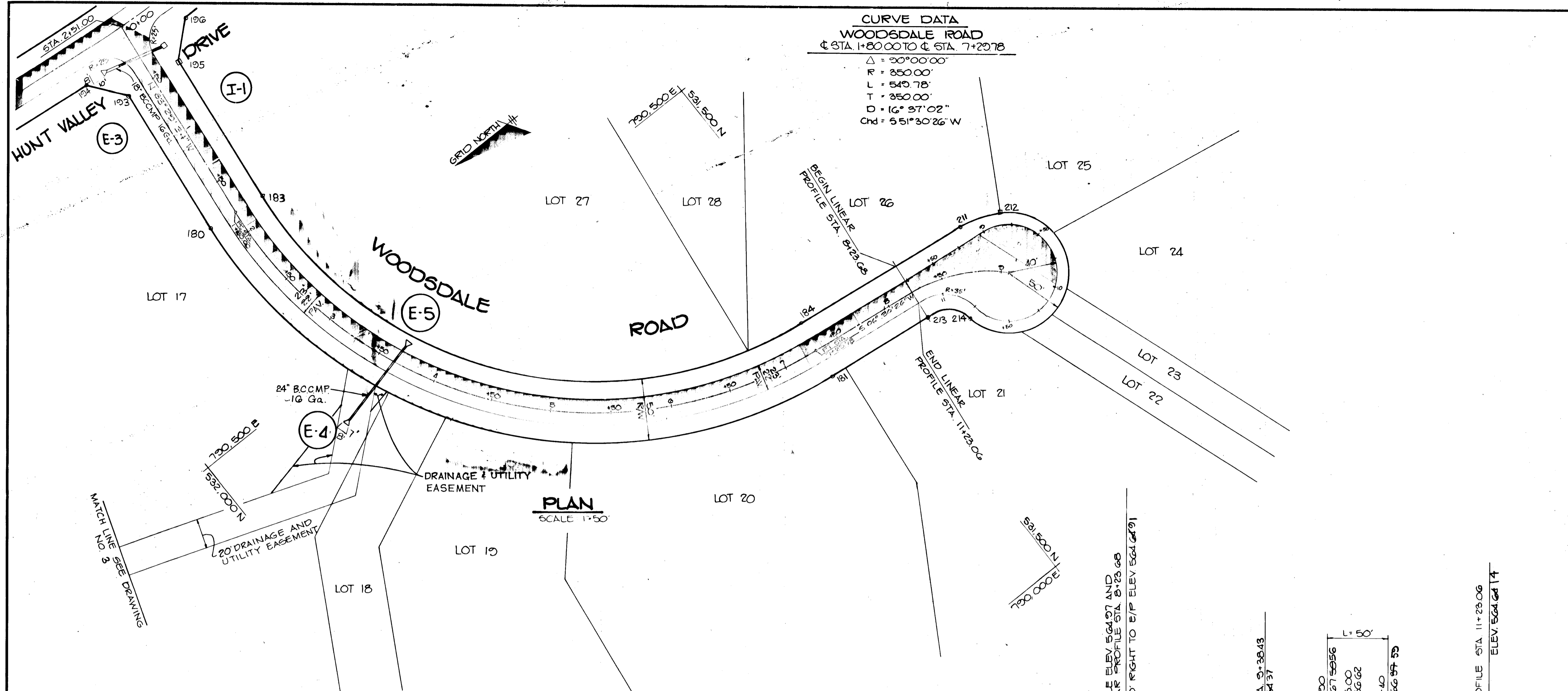
OWNER: SECURITY DEVELOPMENT CORP.  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-4244

PROJECT: THE DEPENDENCE  
 SECTION ONE, AREA ONE  
 LOTS 1-47  
 LOCATION TAX MAPS 14&21 PARCELS 73&74  
 4th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

DEVELOPER: SECURITY DEVELOPMENT CORP.  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21043  
 (301) 465-4244

TITLE: PLAN AND PROFILE OF HUNT VALLEY DRIVE & SAGEWOOD DRIVE  
 DATE: JANUARY 2, 1989  
 PROJECT NO: 0023

DES: GJB DRN: KMN/JCA SCALE: AS SHOWN DRAWING: G OF 16

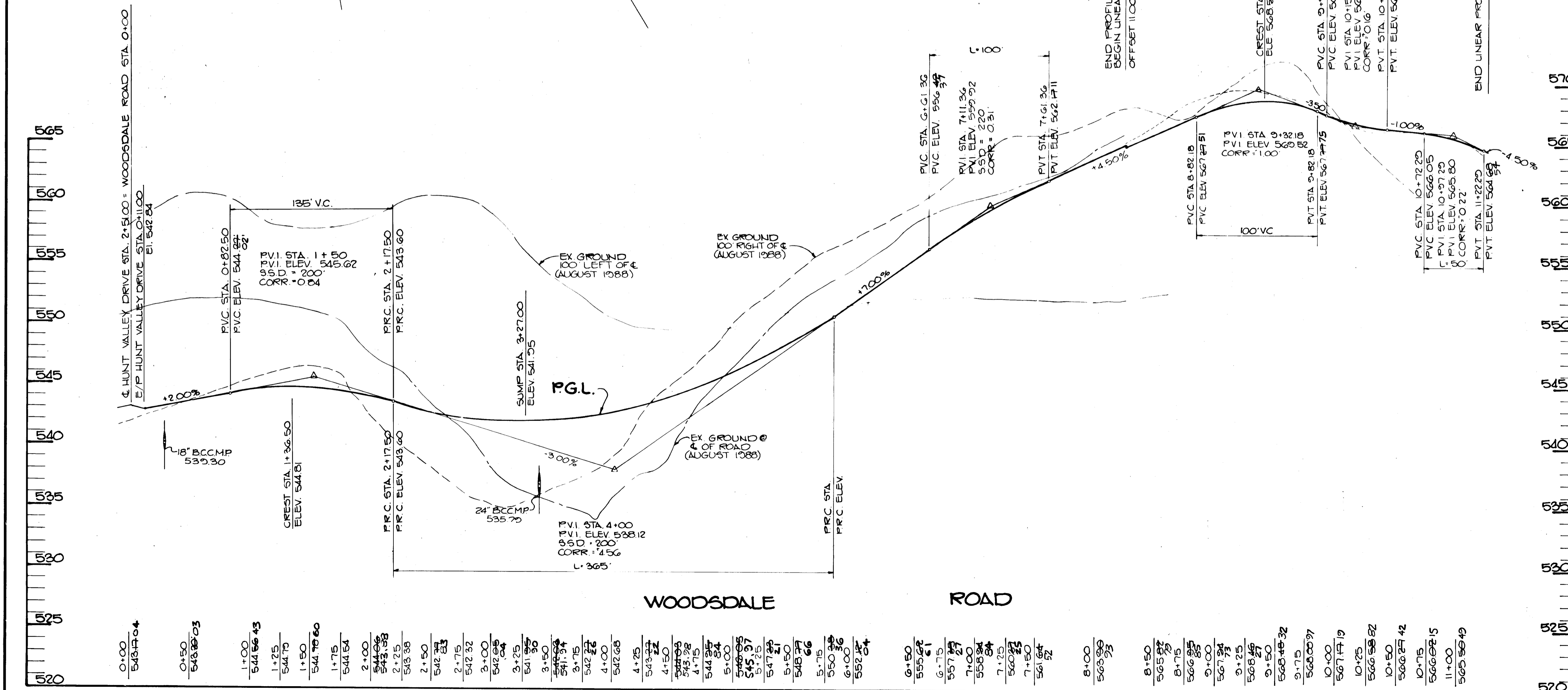
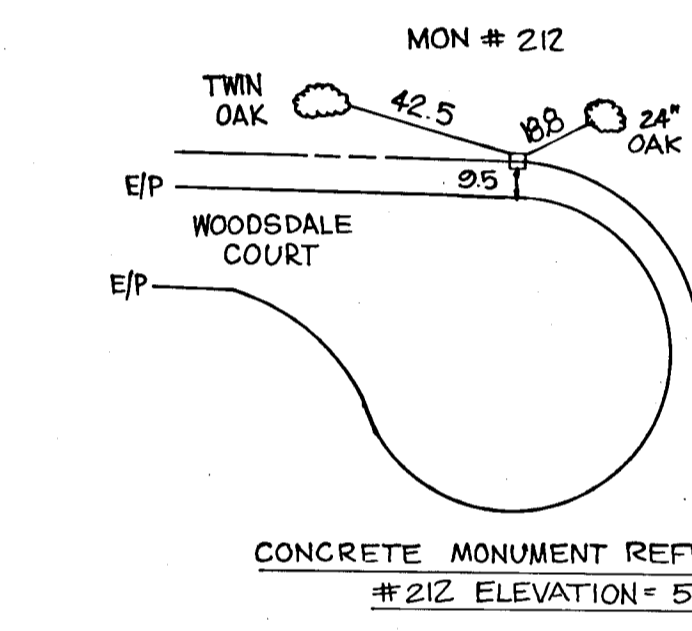


**CURVE DATA**  
**WOODSDALE ROAD**  
 ± STA. 1+80.00 TO ± STA. 7+20.78  
 $\Delta = 90^{\circ}00'00''$   
 $R = 350.00'$   
 $L = 549.78'$   
 $T = 350.00'$   
 $D = 16^{\circ}37'02''$   
 $Chd = 551^{\circ}30'26'' W$

**PLAN**  
 SCALE 1"=50'

**R/W SCHEDULE**

PT #	DESCRIPT	ELEV.
180	REBAR & CAP	542.67
181	" "	558.60
183	" "	541.02
184	" "	558.40
193	" "	541.17
194	" "	539.43
195	CONC. MON	542.57
196	REBAR & CAP	543.57
211	" "	565.66
212	CONC. MON	566.96
213	REBAR & CAP	562.70
214	" "	563.94



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

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	DATE: 6/16/89
<i>Donald Neuman</i> CHIEF, LAND DEVELOPMENT DIVISION	DATE: 6/15/89
<i>Francis W. McNeel</i> CHIEF, BUREAU OF HIGHWAYS	DATE: 6-25-89
<i>Richard S. Poley</i> CHIEF, BUREAU OF ENGINEERING	DATE:
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING	DATE: 7/2/89
<i>Mark S. J. Campbell</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	DATE:
REVISION: REMOVE GUARDRAIL, MOVE 24" B.C.C.M.P., ADD ESMT.	REVISION:

**TRACY, SCHULTE & ASSOCIATES INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043  
 (301) 465-6103

**WELLINGTON**

**OWNER:** SECURITY DEVELOPMENT CORP., P.O. BOX 417, ELLICOTT CITY, MARYLAND 21043 (301) 465-4244

**DEVELOPER:** SECURITY DEVELOPMENT CORP., P.O. BOX 417, ELLICOTT CITY, MARYLAND 21043 (301) 465-6103

**DESIGN:** RMF / DRN KMN/JCA

**PROJECT:** THE DEPENDENCE SECTION ONE AREA ONE LOTS 1-47

**LOCATION:** TAX MAPS 14&21 PARCELS 73&74 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**TITLE:** PLAN AND PROFILE OF WOODSDALE ROAD

**DATE:** JANUARY 2, 1989 / MARCH 17, 1989

**PROJECT NO:** 0023

**SCALE:** AS SHOWN

**DRAWING:** 7 OF 16

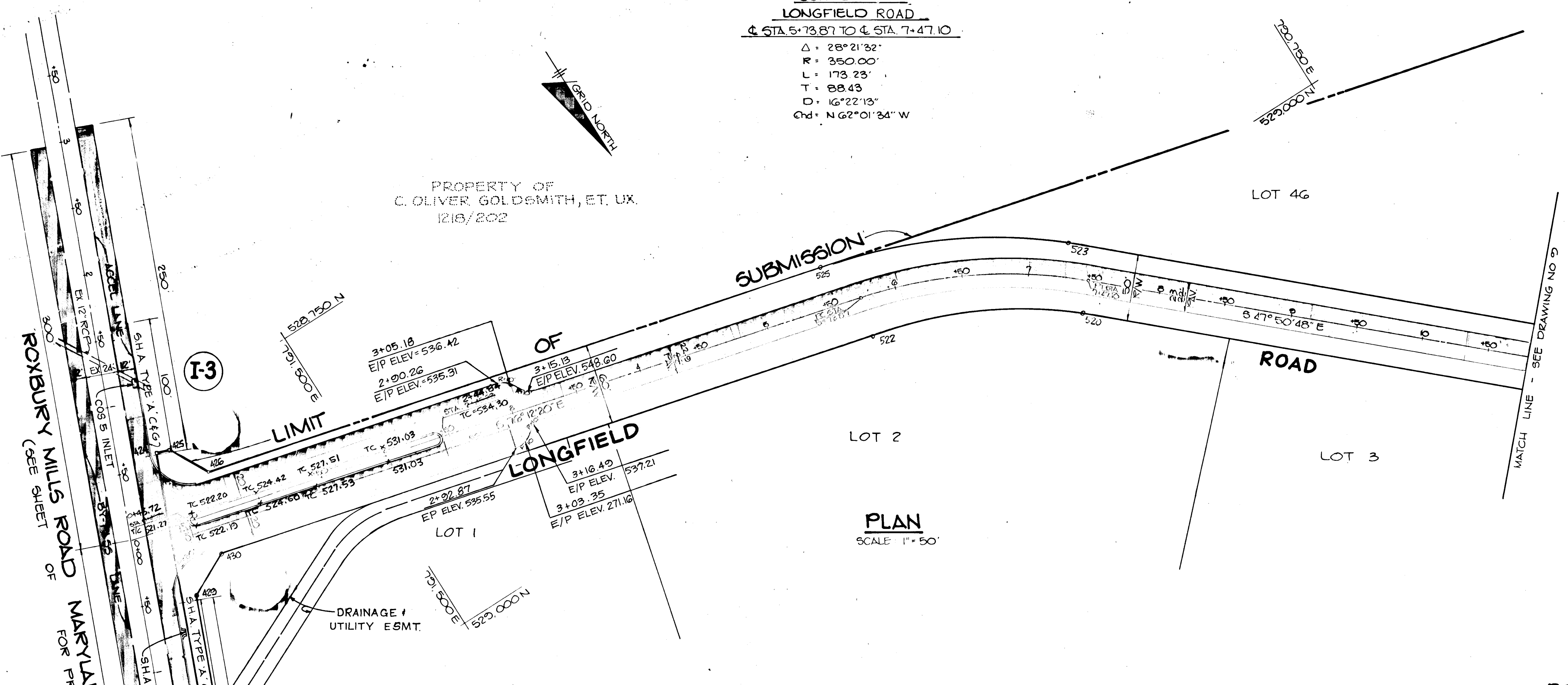
1454

**CURVE DATA**  
**LONGFIELD ROAD**  
 STA. 6+73.87 TO STA. 7+47.10  
 $\Delta = 28^{\circ}21'32''$   
 $R = 350.00'$   
 $L = 173.23'$   
 $T = 88.43'$   
 $D = 16^{\circ}22'13''$   
 $Chd = N 62^{\circ}01'34'' W$

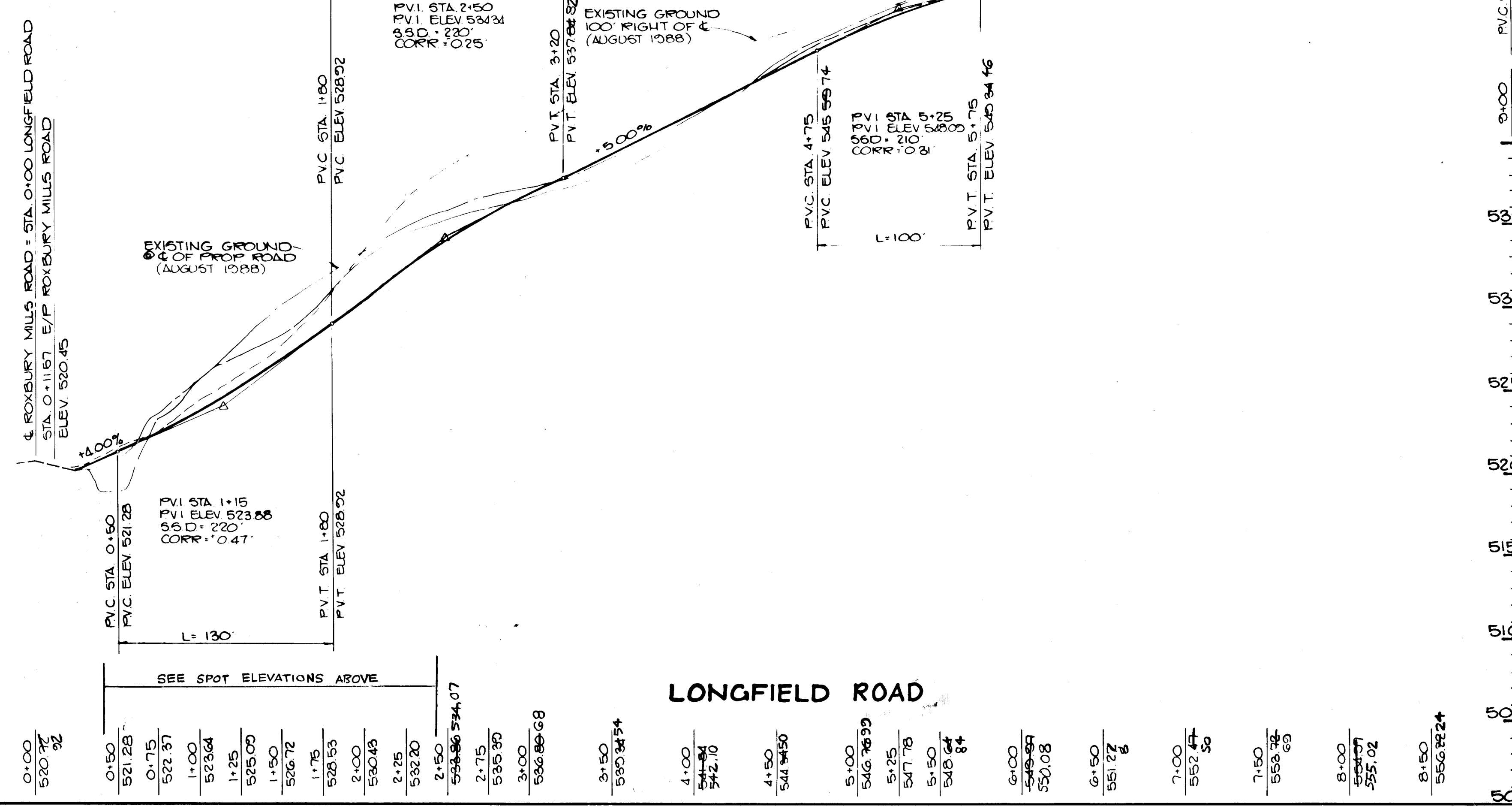
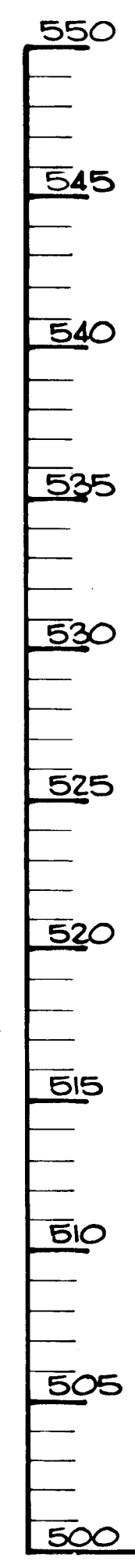
PROPERTY OF  
 C. OLIVER GOLDSMITH, ET. UX.  
 1216/202

LOT 46

PT#	DESCRIPTION	ELEV.
424	REBAR # CAP	521.48
425	"	521.30
426	"	522.22
429	"	521.80
430	"	522.25
520	"	552.51
522	"	548.01
523	"	551.68
525	"	548.43

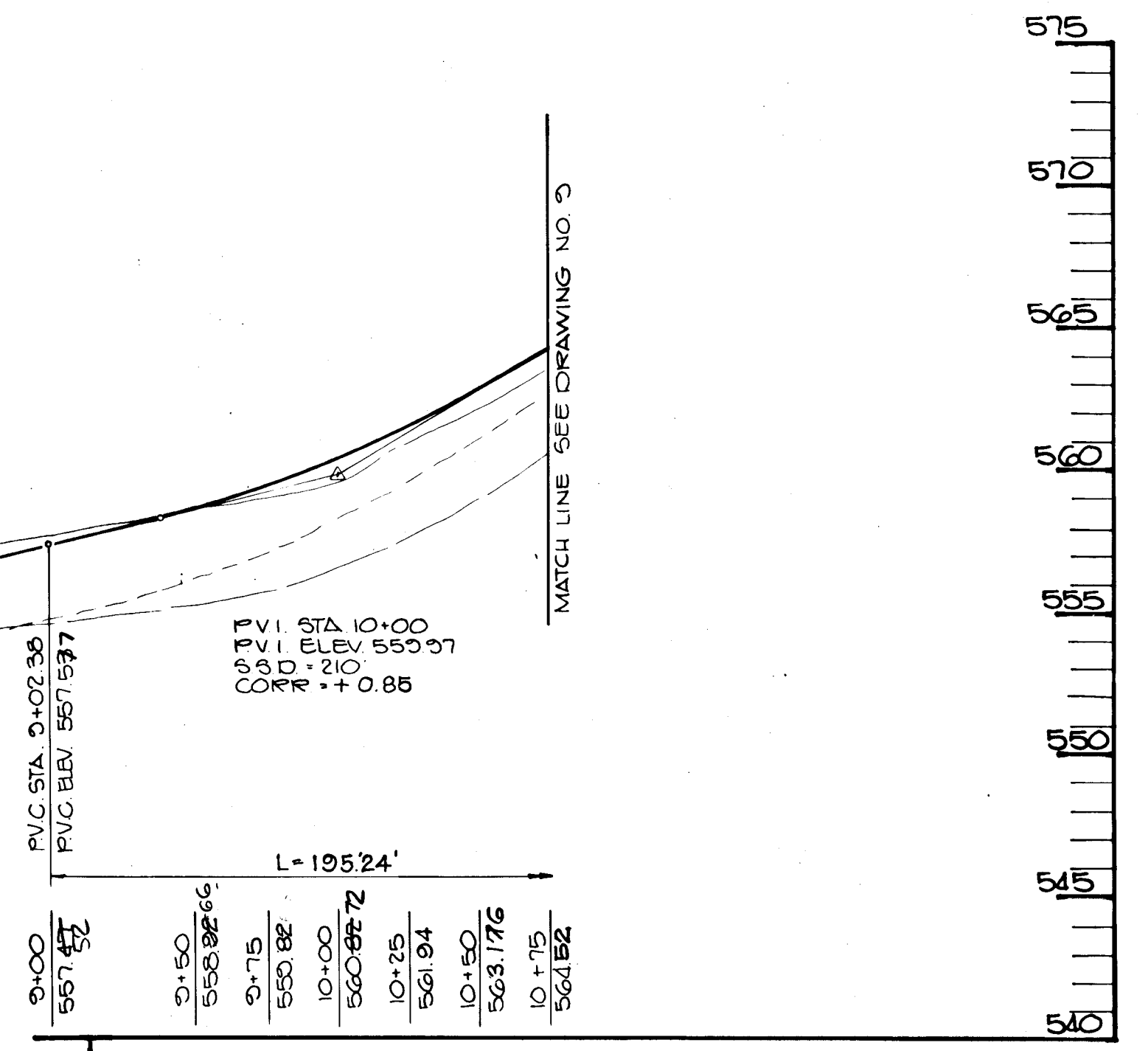


**PLAN**  
 SCALE 1" = 50'



**LONGFIELD ROAD**

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



APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Mark S. Taylor* 2/3/89  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND DEVELOPMENT  
 APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Paul Johnson* 6/16/89  
 CHIEF, LAND DEVELOPMENT DIVISION  
*Drumville W. Heiland* 6/15/89  
 CHIEF, BUREAU OF HIGHWAYS  
*William B. Riley* 6-20-89  
 CHIEF, BUREAU OF ENGINEERING  
 2-14-91 ADDED ESMT + CHANGED ROAD NAME TO LONGFIELD ROAD  
 NO DATE REVISION

**TRACY, SCHULTE & ASSOCIATES INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043  
 12-17-91  
 Wellington

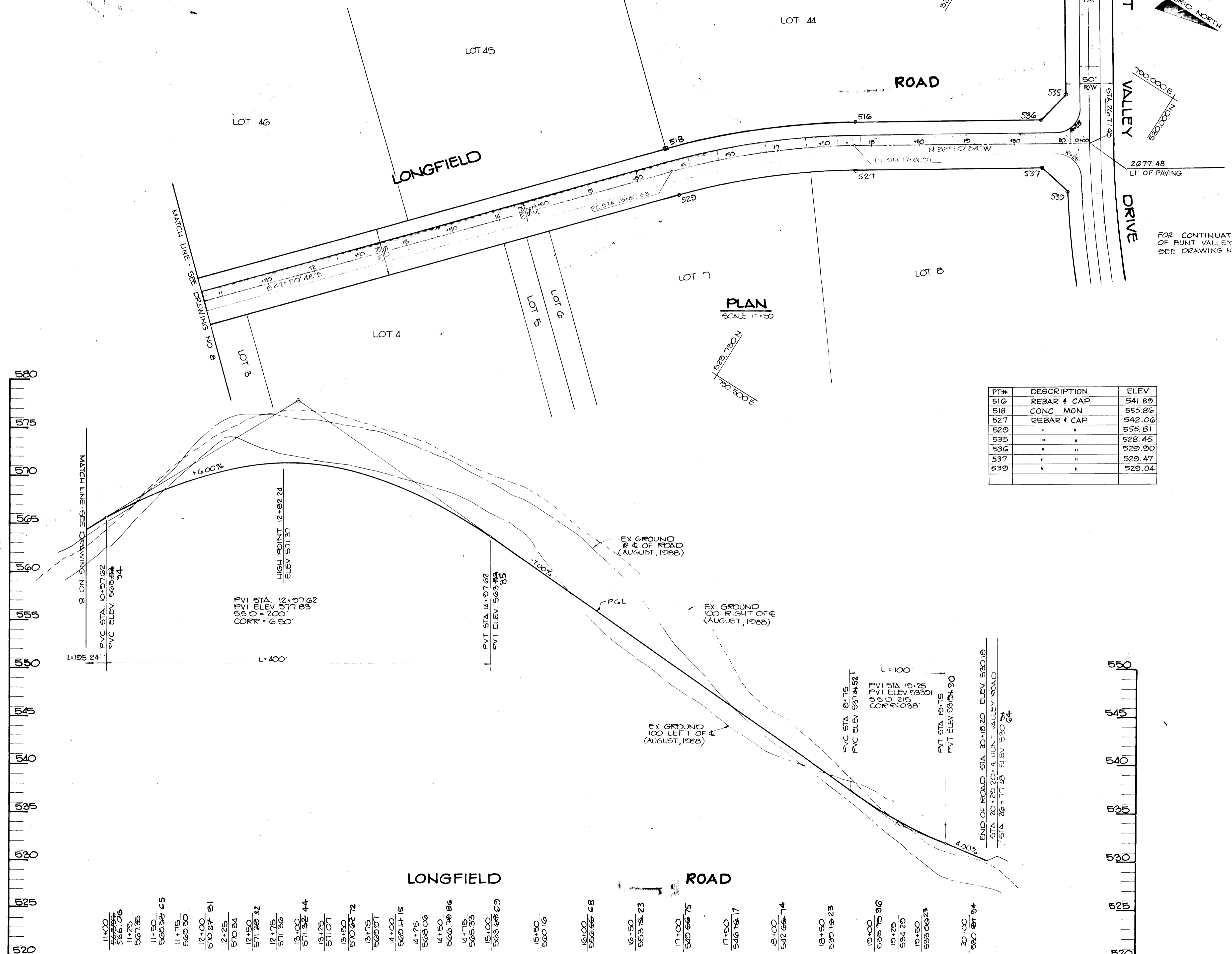
OWNER SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043 (301) 465-4244	PROJECT <b>THE DEPENDENCE</b> SECTION ONE AREA ONE LOTS 1-47
DEVELOPER SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043 (301) 465-4244	LOCATION TAX MAPS 14&21 PARCELS 73&74 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE <b>PLAN AND PROFILE OF LONGFIELD ROAD</b>	DATE JANUARY 2, 1989 MARCH 17, 1989
DES SJB DRN JCA/KMN	PROJECT NO 0023 SCALE AS SHOWN DRAWING 8 OF 16

1454

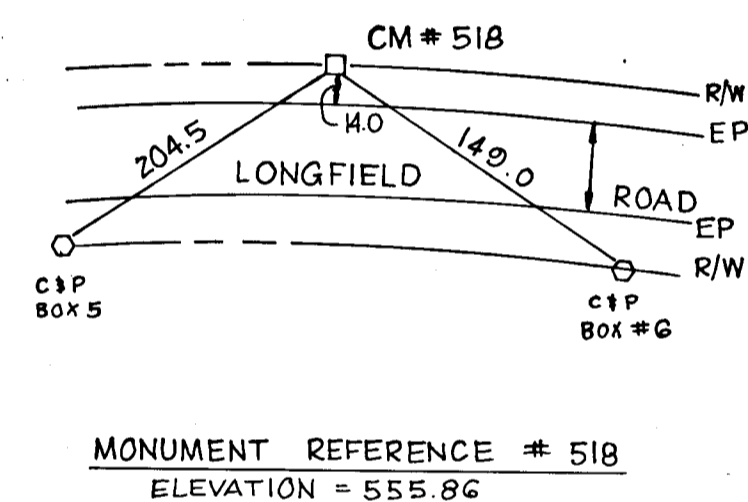


**CURVE DATA**  
**LONGFIELD ROAD**  
 @ STA 15+87.53 TO @ STA 17+81.97

Δ = 14° 51' 14"  
 R = 750.00'  
 L = 194.44'  
 T = 97.77'  
 D = 07° 38' 22"  
 Chd = N 40° 25' 11" W



PT#	DESCRIPTION	ELEV
516	REBAR + CAP	541.89
518	CONC. MON	555.86
527	REBAR + CAP	542.06
529	" "	555.81
535	" "	528.45
536	" "	529.90
537	" "	529.47
539	" "	529.04



APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*Conrad W. Mason* 6/16/89  
 CHIEF, LAND DEVELOPMENT DIVISION DATE

*Priscilla W. Wasson* 6/15/89  
 CHIEF, BUREAU OF HIGHWAYS DATE

*John S. Reed* 6-20-89  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*Mark S. ...* 2/3/89  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

2-14-91  
 NO DATE CHANGED ROAD NAME TO LONGFIELD ROAD REVISION

**TRACY, SCHULTE & ASSOCIATES INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043

*Tracy Schulte*  
 PROFESSIONAL ENGINEER

*Conrad W. Mason*  
 PROFESSIONAL ENGINEER

12-17-91  
 AS BUILT

**WELLINGTON**

OWNER: SECURITY DEVELOPMENT CORP.  
 P.O. BOX 417  
 ELlicOTT CITY, MARYLAND 21043  
 (301) 465-4244

DEVELOPER: SECURITY DEVELOPMENT CORP.  
 P.O. BOX 417  
 ELlicOTT CITY, MARYLAND 21043  
 (301) 465-4244

DES: SJB DRN: JCA

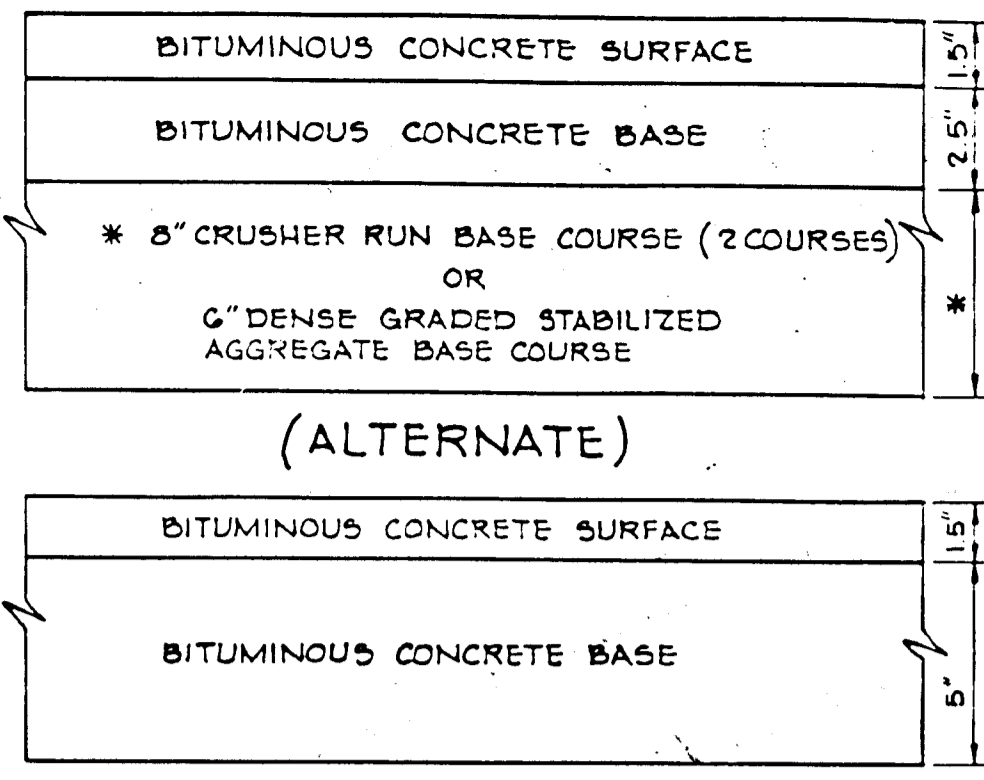
PROJECT: THE DEPENDENCE SECTION ONE AREA ONE LOTS 1-47  
 LOCATION TAX MAPS 14&21 PARCELS 73&74  
 4th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

TITLE: PLAN AND PROFILE OF LONGFIELD ROAD

DATE: JANUARY 2, 1989  
 MARCH 7, 1989

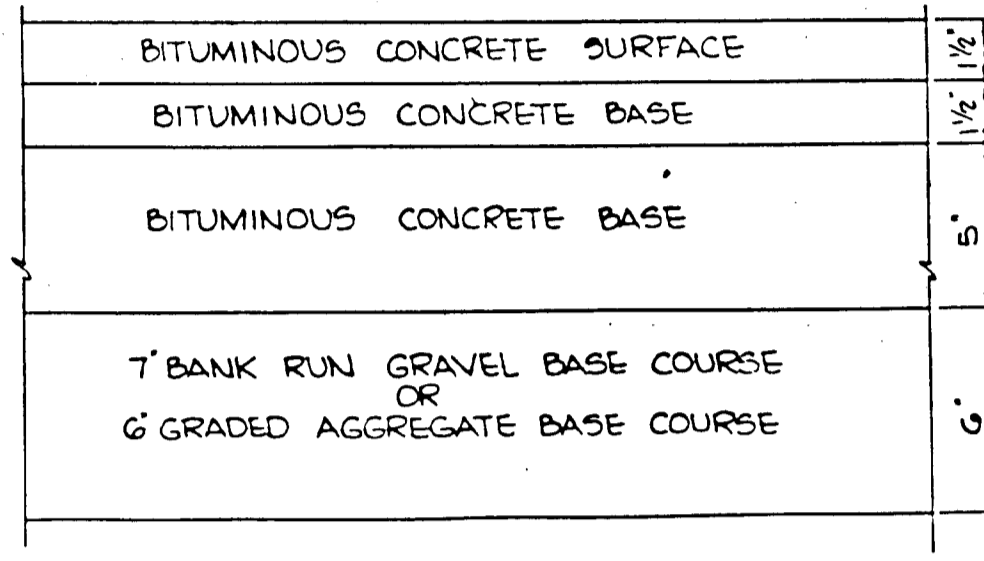
SCALE: AS SHOWN PROJECT NO: 0023 DRAWING 2 OF 16

1457

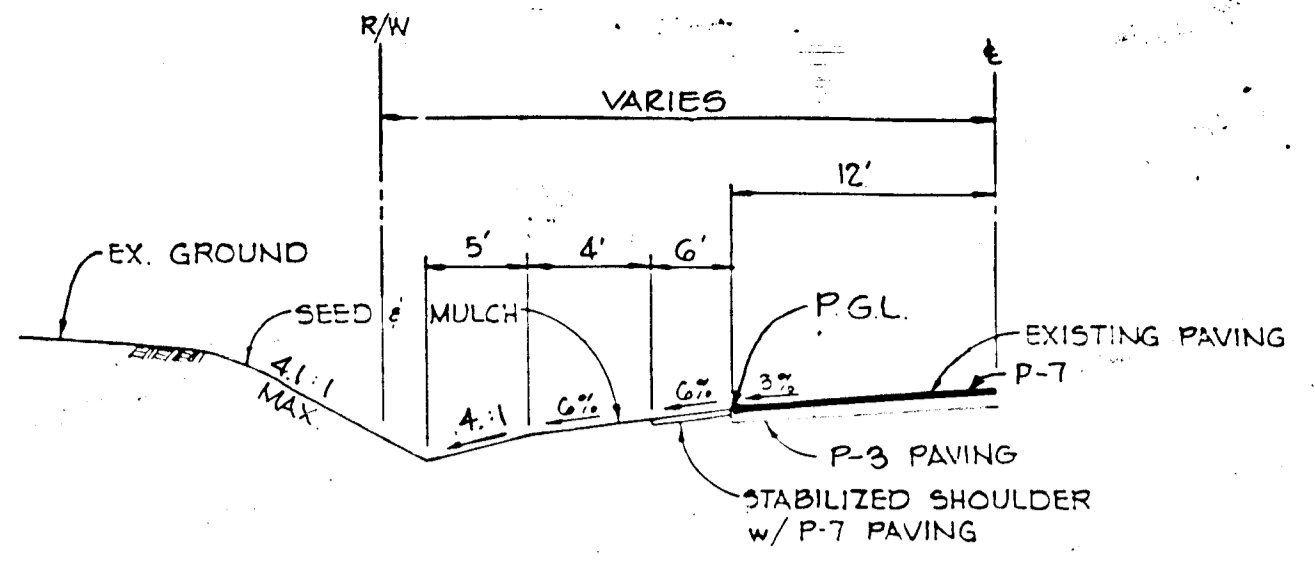
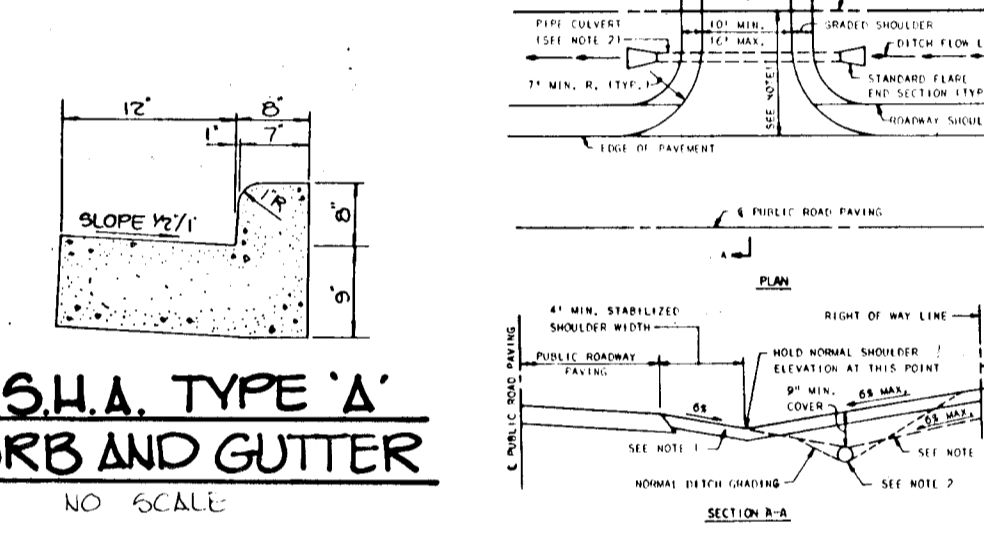


HOWARD COUNTY DESIGN MANUAL VOLUME IV  
STANDARD SPECIFICATIONS AND DETAILS FOR  
CONSTRUCTION (DRAWING R-201)

**6 1/2" PAVING, P-2**  
NO SCALE

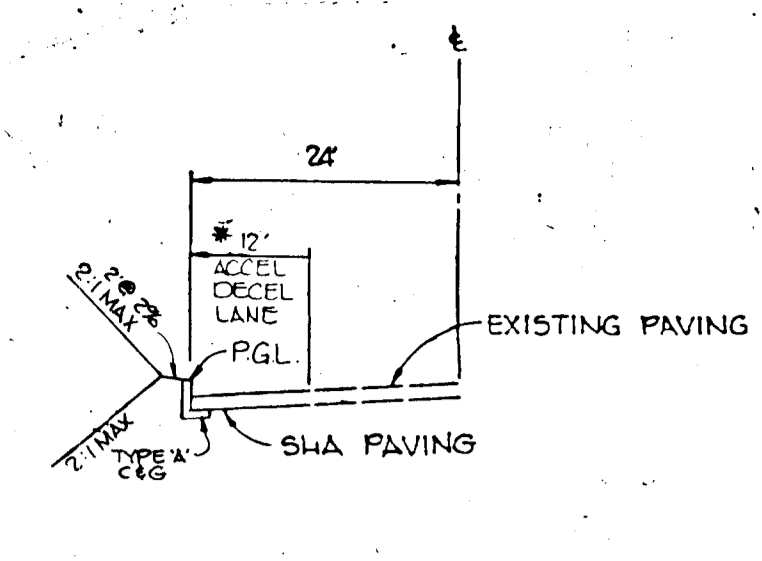


**M.S.H.A. PAVING**  
NO SCALE



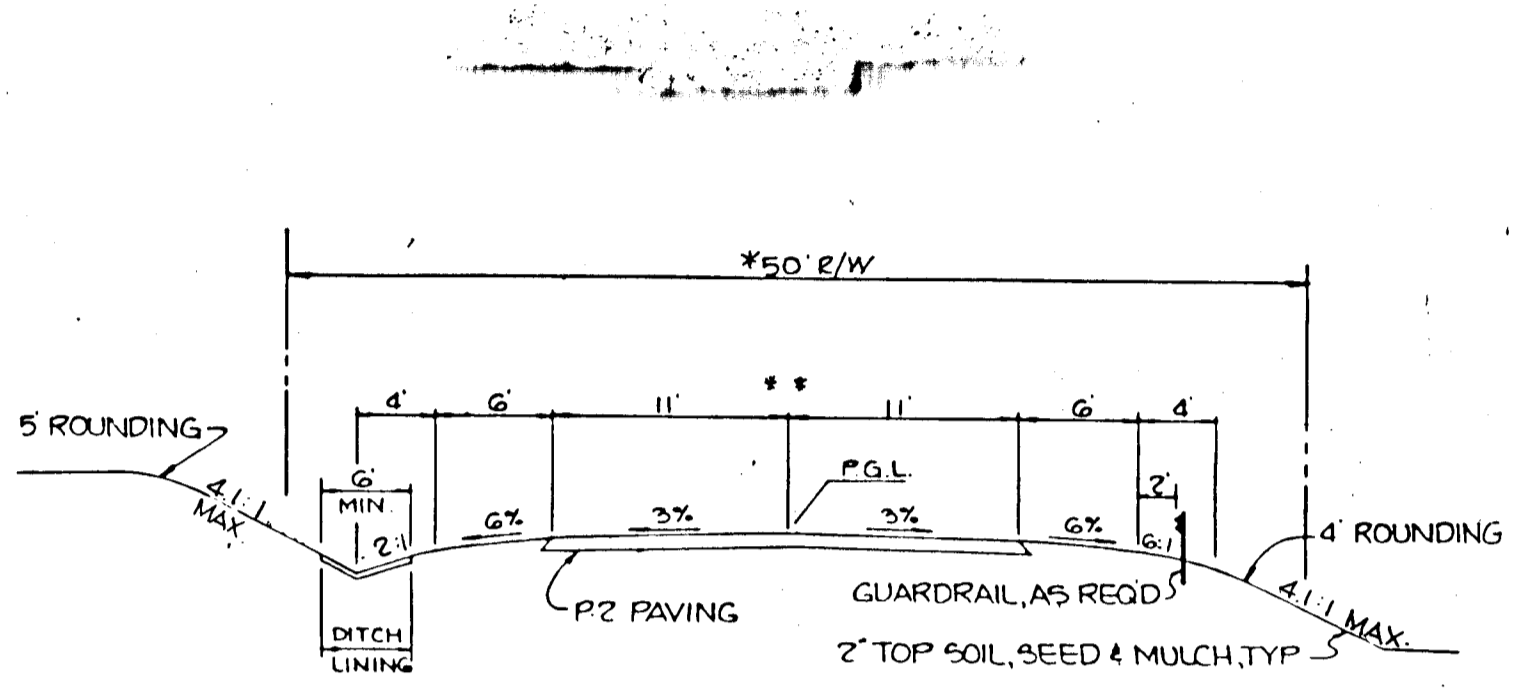
**TYPICAL HALF SECTION**  
NO SCALE

UNION CHAPEL ROAD  
DESIGN SPEED = 50MPH  
ZONED R  
ROAD CLASSIFICATION - MAJOR COLLECTOR



**TYPICAL HALF SECTION**  
NO SCALE

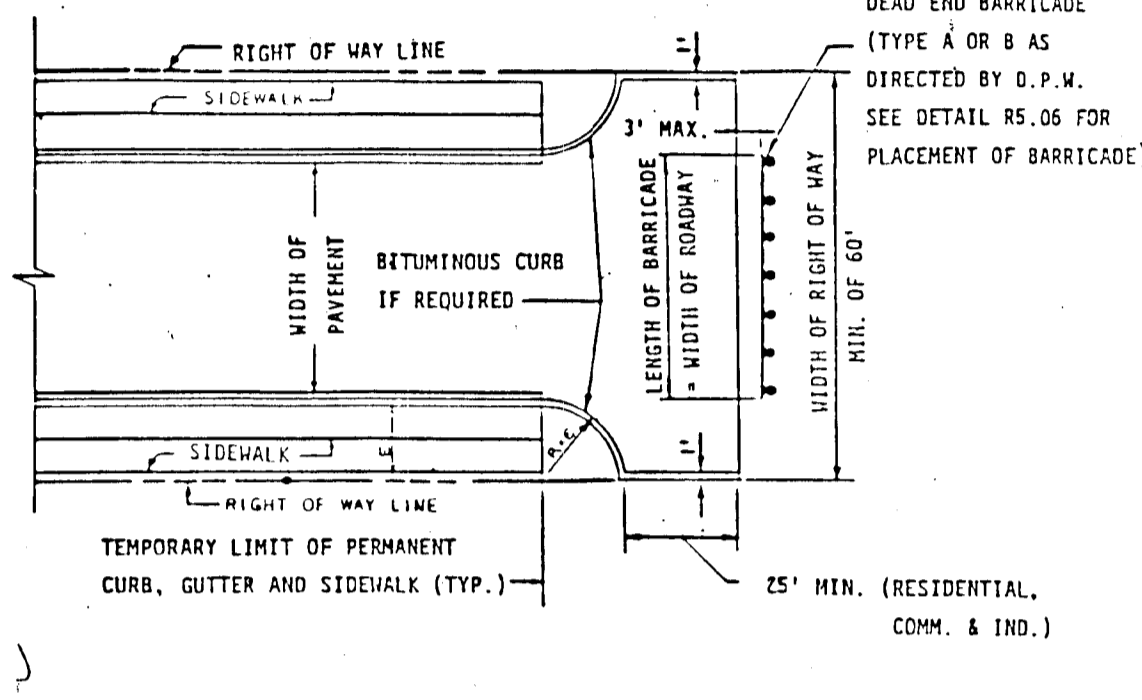
MARYLAND ROUTE 97  
DESIGN SPEED = 50MPH  
ZONED R  
ROAD CLASSIFICATION - MINOR ARTERIAL  
\* 12' ACCELERATION & DECELERATION LANE SOUTH  
12' BY PASS LANE NORTH



HUNT VALLEY DRIVE  
WOODDALE ROAD  
SAGEWOOD ROAD  
LONGFIELD ROAD

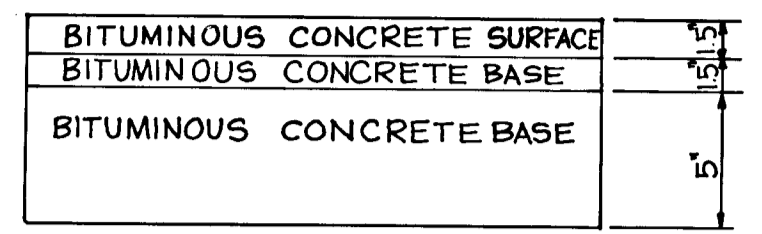
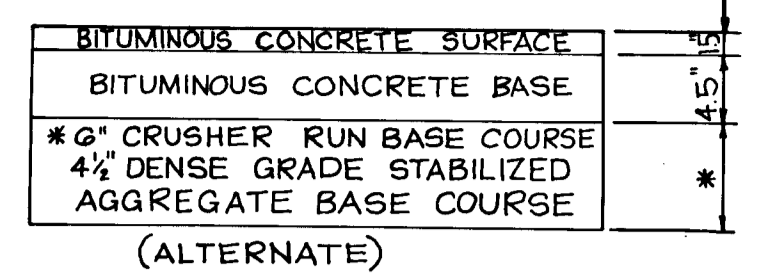
DESIGN SPEED = 30MPH  
ZONED R  
ROAD CLASSIFICATION - LOCAL

\* R/W 60' LONGFIELD ROAD  
STA 0+00 TO 7+50  
\* 10' MEDIAN W/20' PAVING FROM STA 0+45 TO 2+45



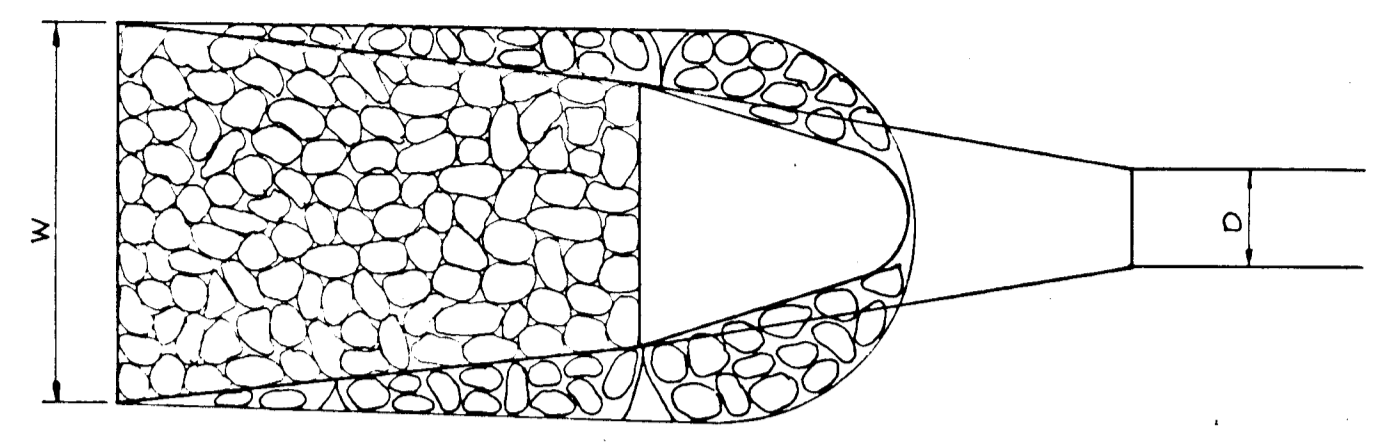
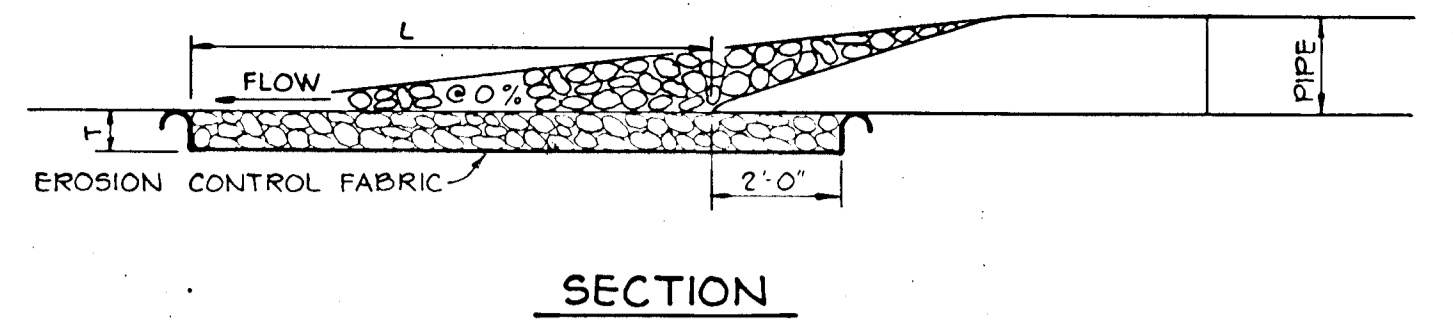
**TYPE 'A' DEADEND BARRICADE**  
NO SCALE

NOTES:  
1. A TEE TURN-AROUND SHALL BE USED IN LIEU OF A CUL-DE-SAC ONLY IF THE STREET IS TO BE EXTENDED IN THE FUTURE.  
2. BITUMINOUS CURB SHALL EXTEND AROUND THE TEE TURN-AROUND IF AND AS REQUIRED TO CONTROL CURB DRAINAGE FROM THE ROADWAY SECTION.  
3. REFER TO STANDARD R-5.06 FOR TYPICAL ROADWAY PROFILE OF TEMPORARY LIMIT OF PAVING.  
4. FOR LOCAL ROADS, PROVIDE 5' REVERTIBLE EASEMENT EACH END OF THE TEE.  
5. PROVIDE EASEMENTS AS REQUIRED FOR PLACEMENT OF BARRICADE AND ANY NECESSARY GRADING (SEE DETAIL RS.06)



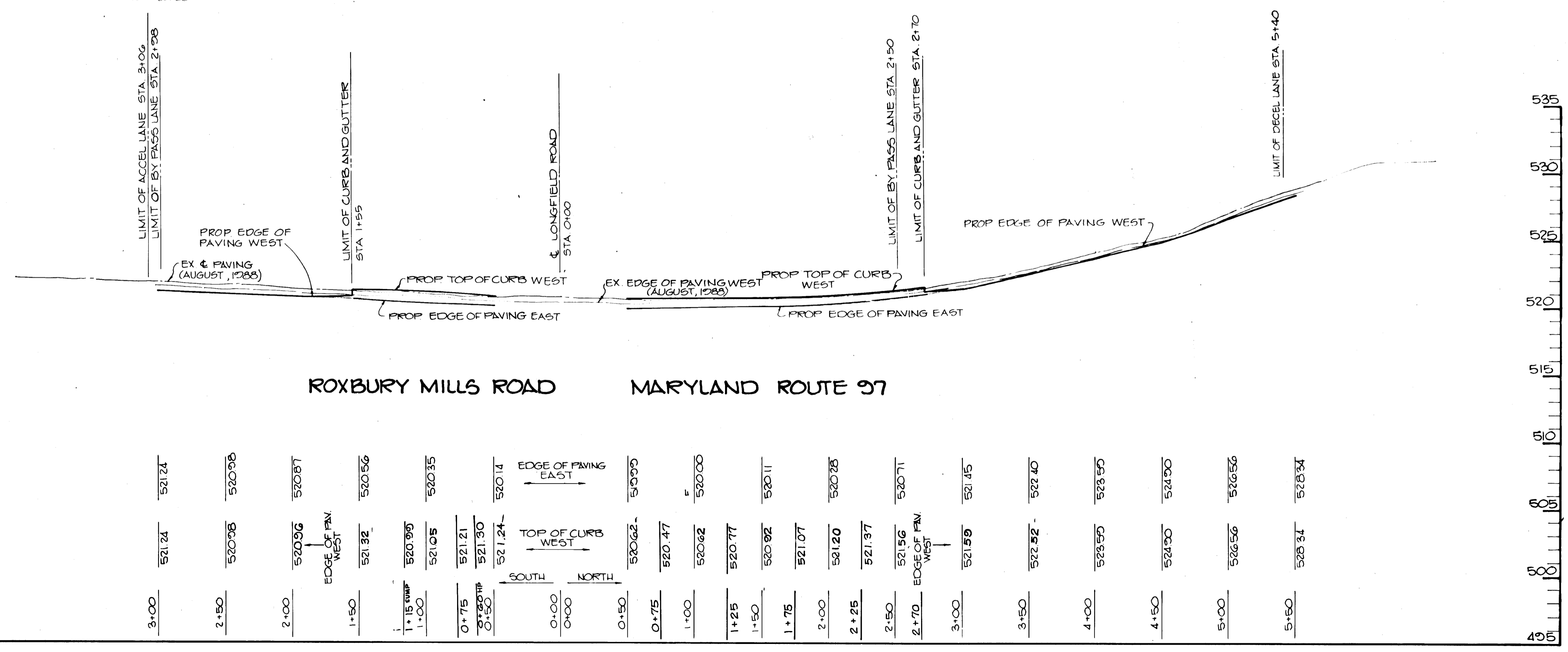
HOWARD COUNTY DESIGN MANUAL VOLUME IV  
STANDARD SPECIFICATIONS AND DETAILS FOR  
CONSTRUCTION (DRAWING R-201)

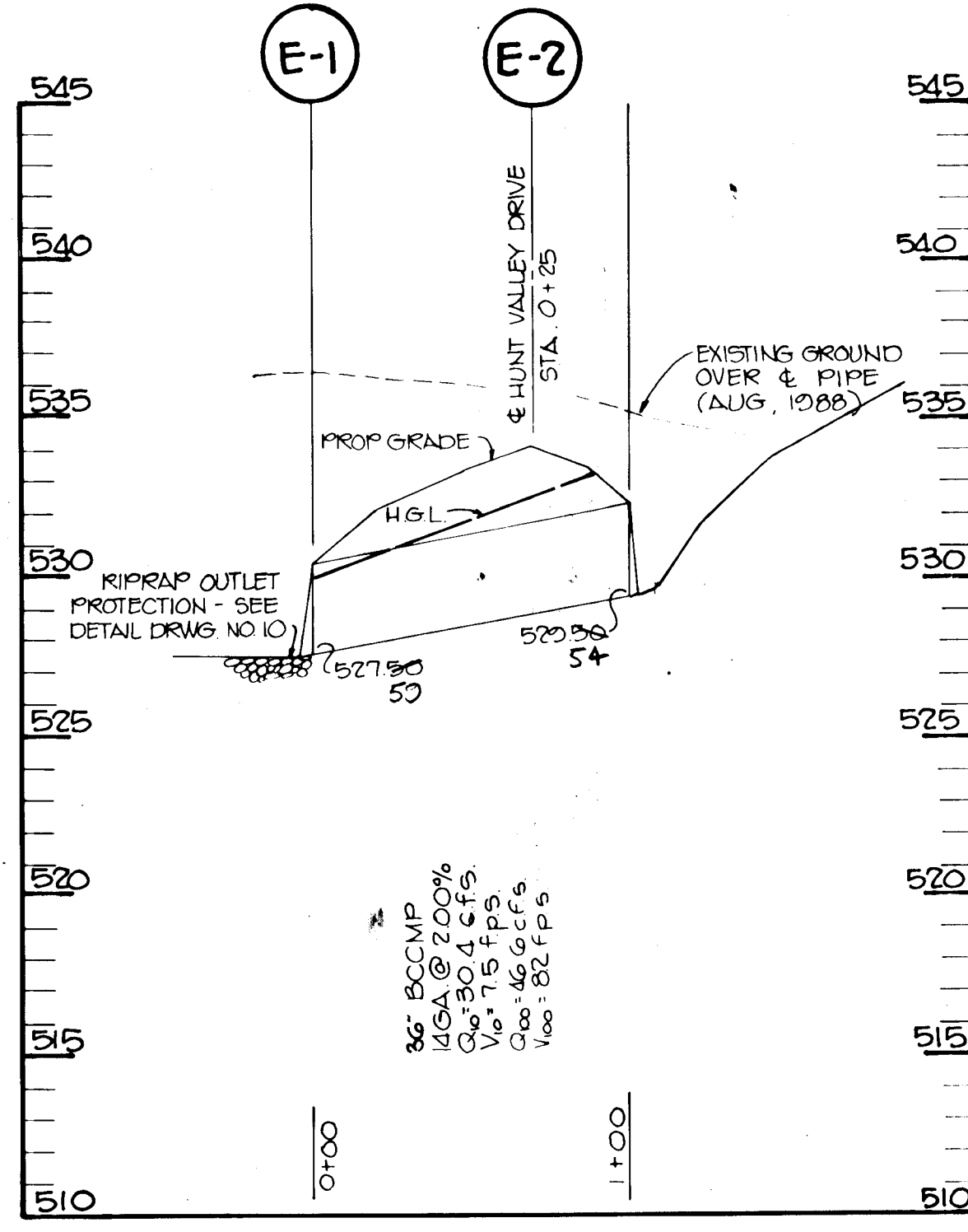
**8" PAVING, P-3**



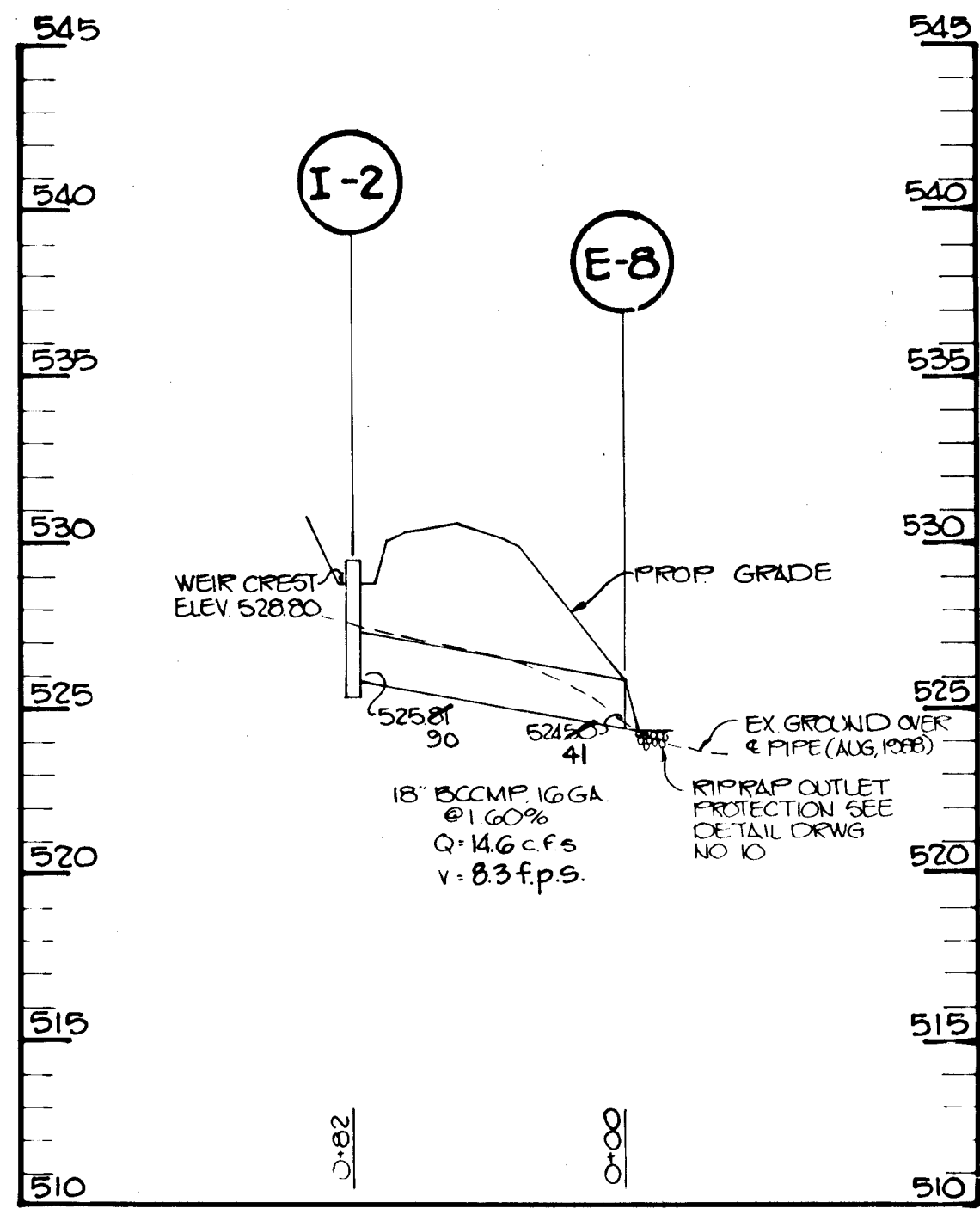
STRUCTURE	d - 50	LENGTH (L)	WIDTH (W)	THICKNESS (T)	Q
E-1	6"	12.0'	14.0'	9"	30dcfs
E-3	4"	8.0'	9.5'	9"	8.2cfs
E-4	4"	5.0'	7.0'	9"	6.7cfs
E-6	6"	5.0'	7.25'	9"	18.5cfs
E-8	6"	13.0'	14.5'	9"	14.6cfs

**RIPRAP OUTLET PROTECTION**  
NO SCALE

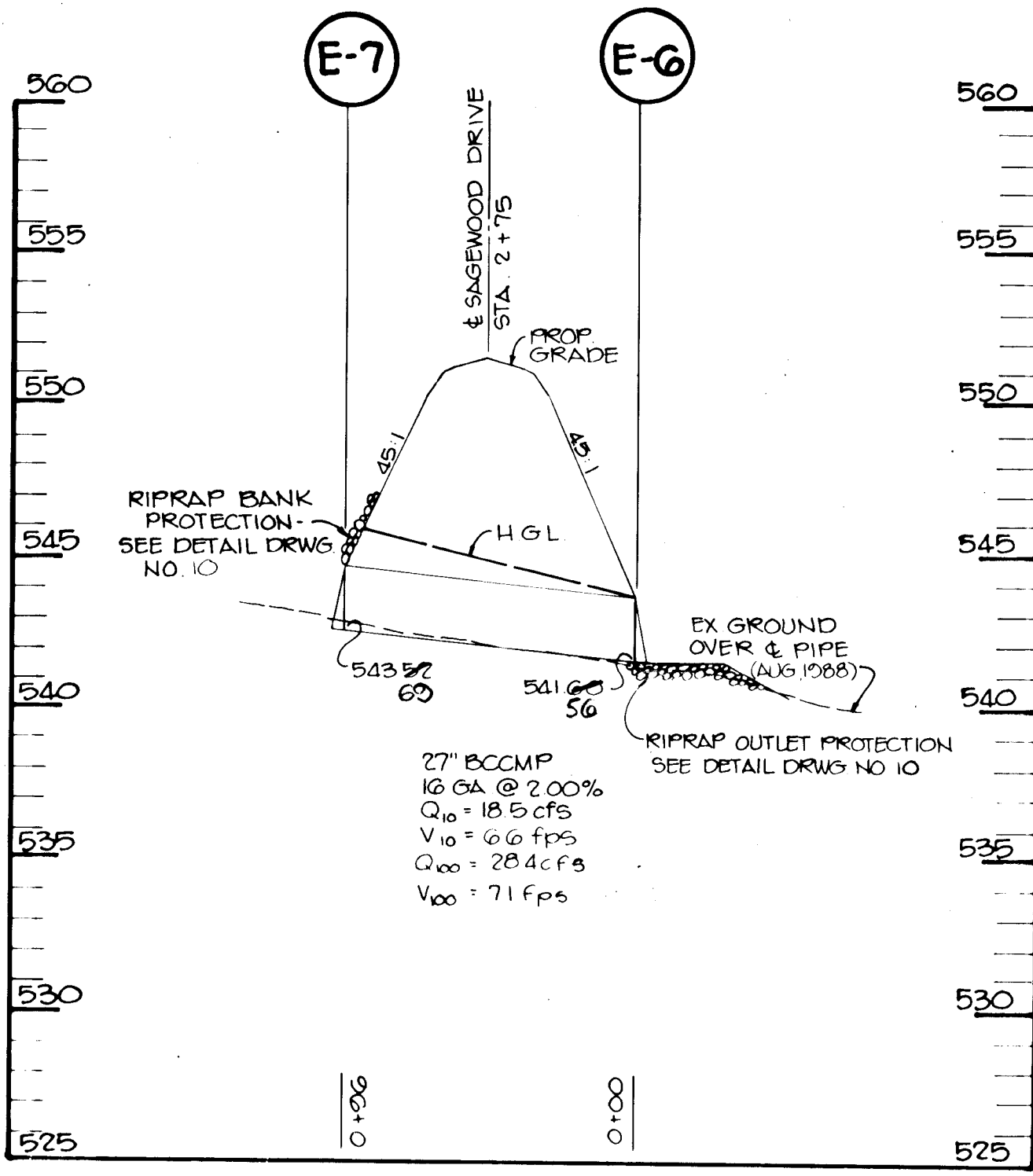




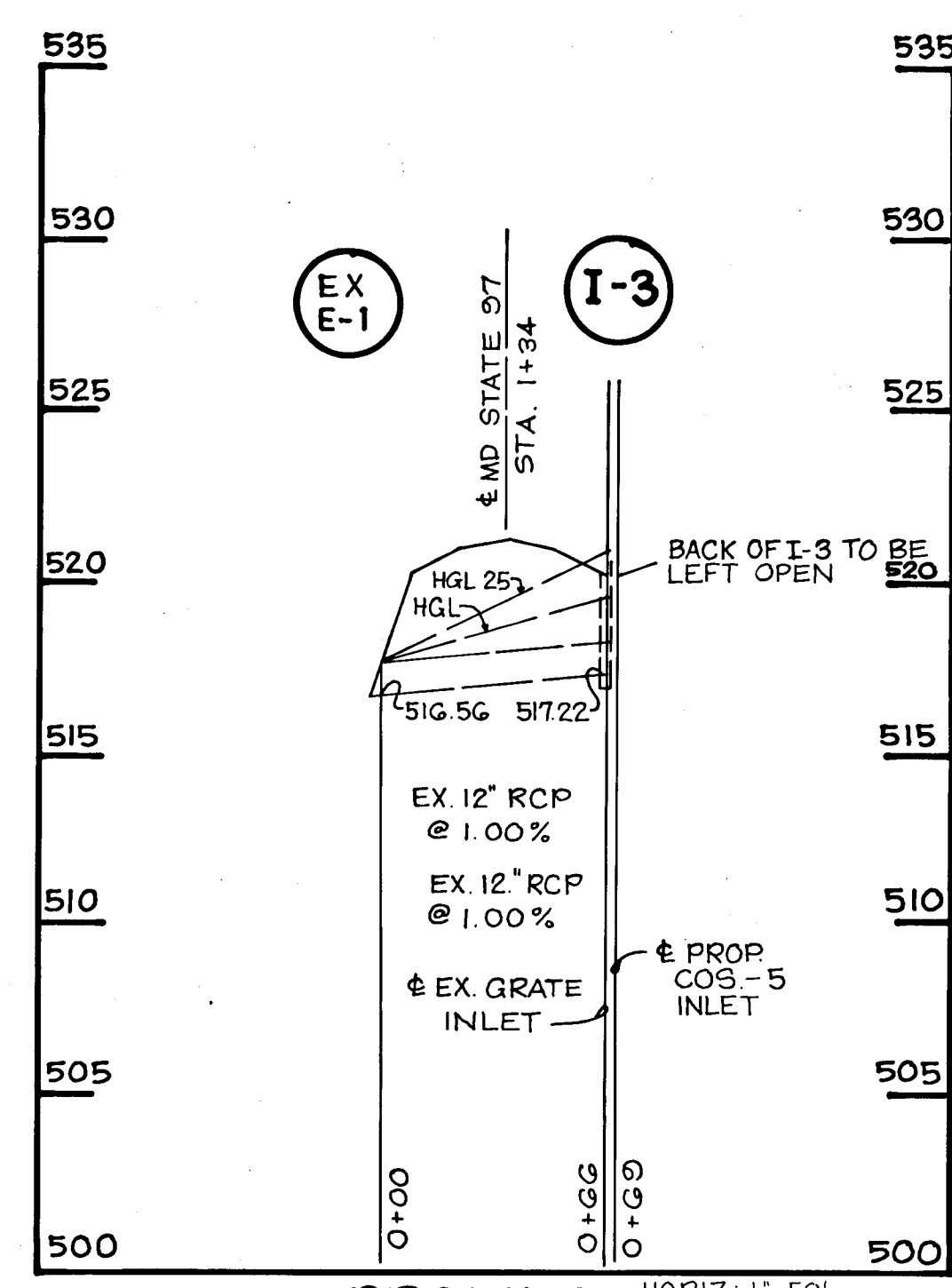
PROFILE: HORIZ: 1"=50'  
VERT: 1"=5'



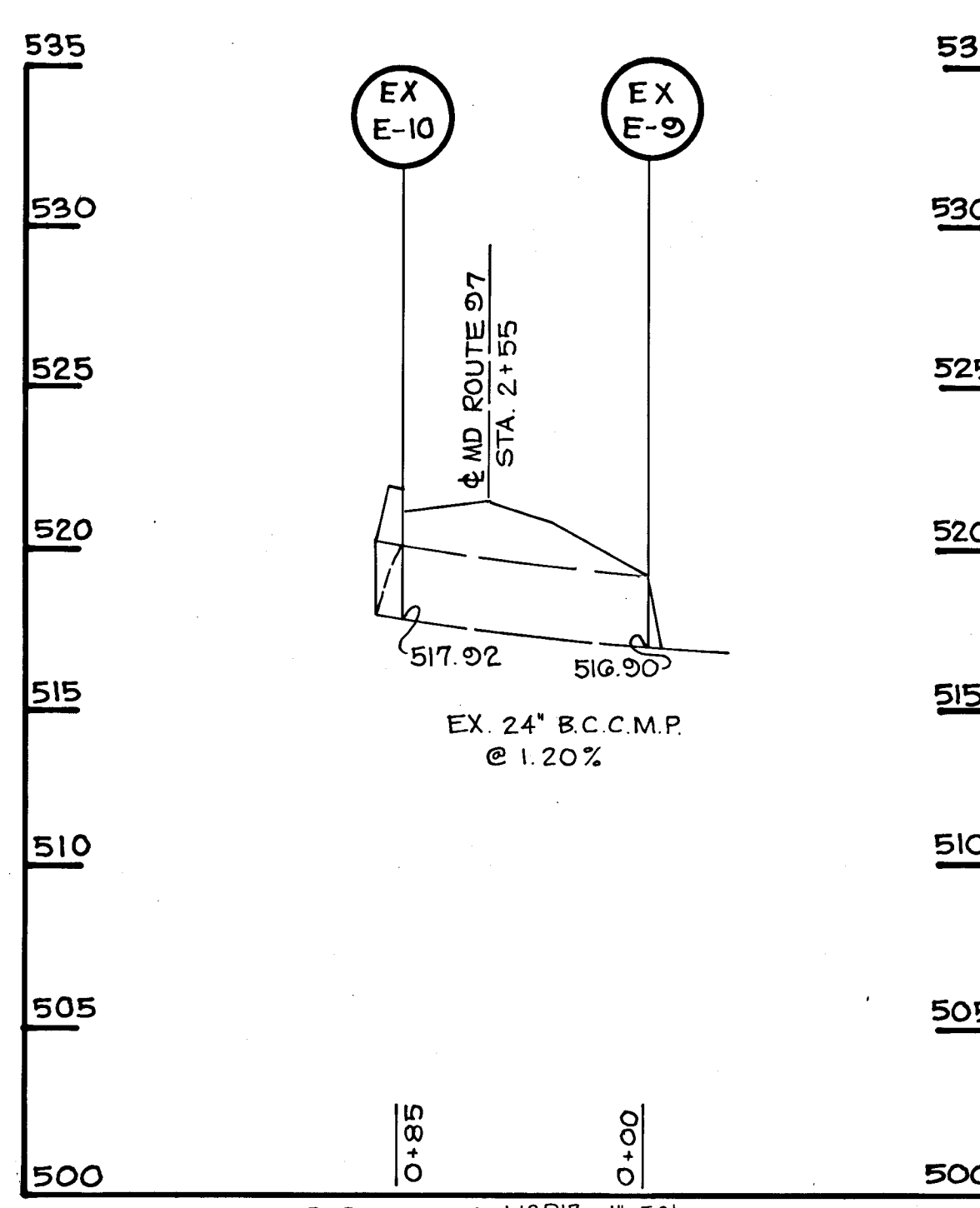
PROFILE: HORIZ: 1"=50'  
VERT: 1"=5'



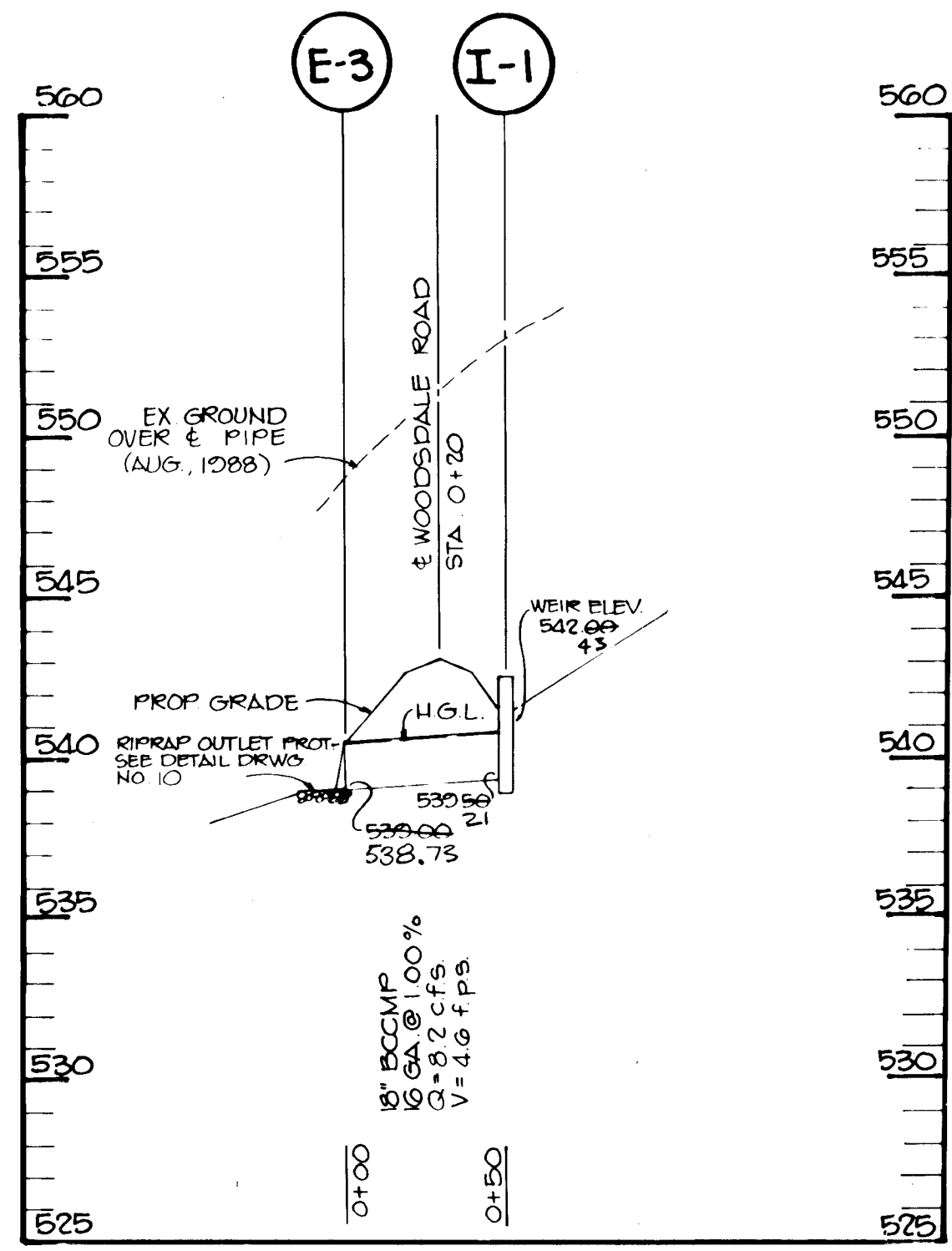
PROFILE: HORIZ: 1"=50'  
VERT: 1"=5'



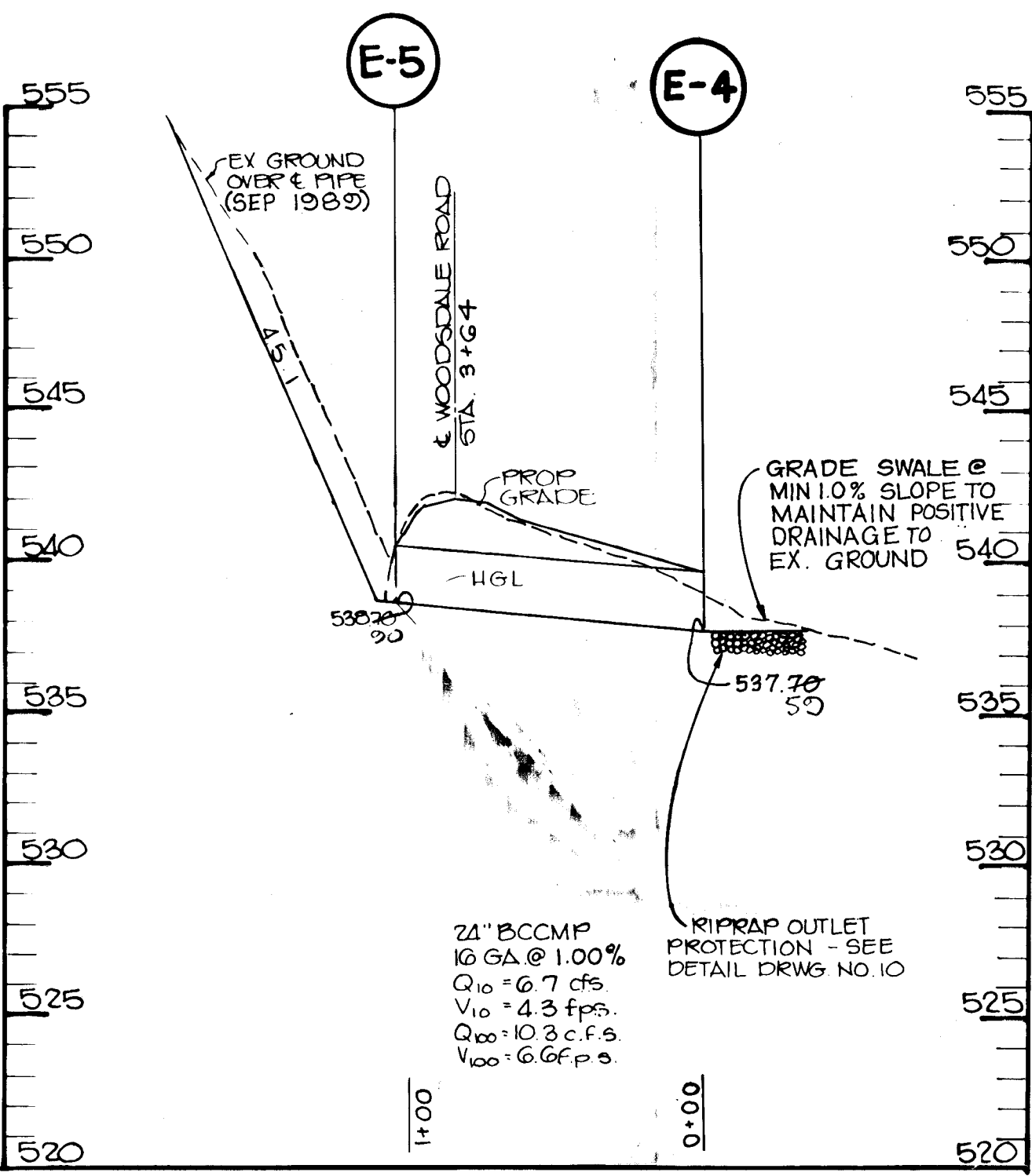
PROFILE: HORIZ: 1"=50'  
VERT: 1"=5'



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



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



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

BY THE DEVELOPER:  
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."  
*James R. Muley* 5-18-89  
DEVELOPER: SECURITY DEVELOPMENT CORPORATION - PRESIDENT

BY THE ENGINEER:  
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."  
*James K. Tracy* 5-18-89  
ENGINEER: JAMES K. TRACY, P.E.

REVISION FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS  
*James M. Helm* 5/23/89  
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*John R. Polster* 5/23/89  
HOWARD S.C.D.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*James M. Helm* 6/16/89  
DATE: 6/16/89  
*Lawrence W. Woodland* 6/15/89  
CHIEF, BUREAU OF HIGHWAYS  
*William E. Ryan* 6-20-89  
CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Frank S. K. ...* 2/6/89  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

Δ 2-14-91 \* ADDED EX E1, I-3, EX E10, \* EX E9  
NO. DATE REVISION

TRACY, SCHULTE & ASSOCIATES INC.  
planning • architecture • engineering  
8480 Baltimore National Pike • Ellicott City, Maryland 21043

OWNER: SECURITY DEVELOPMENT CORP.  
P.O. BOX 417  
ELLICOTT CITY, MARYLAND 21043  
(301) 465-4244

DEVELOPER: SECURITY DEVELOPMENT CORP.  
P.O. BOX 417  
ELLICOTT CITY, MARYLAND 21043  
(301) 465-4244

PROJECT: THE DEPENDENCE  
SECTION ONE, AREA ONE  
LOT 1-47

LOCATION: TAX MAPS 14 & 21 PARCELS 73 & 74  
4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE: STORM DRAIN PROFILES

DATE: JANUARY 9, 1989 PROJECT NO 0023  
MARCH 17, 1989

DES SUB: DRN KMN/JCA SCALE AS SHOWN DRAWING 11 OF 16

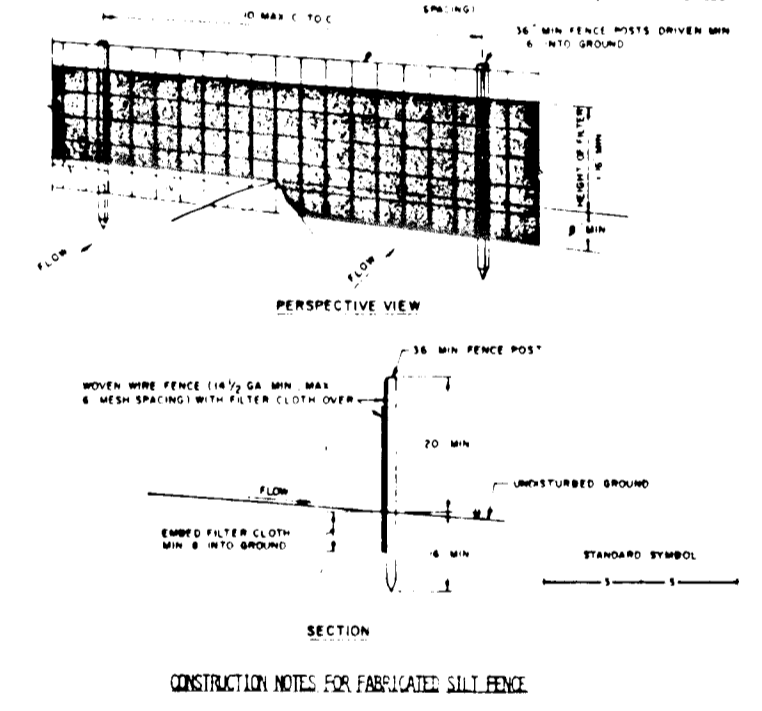
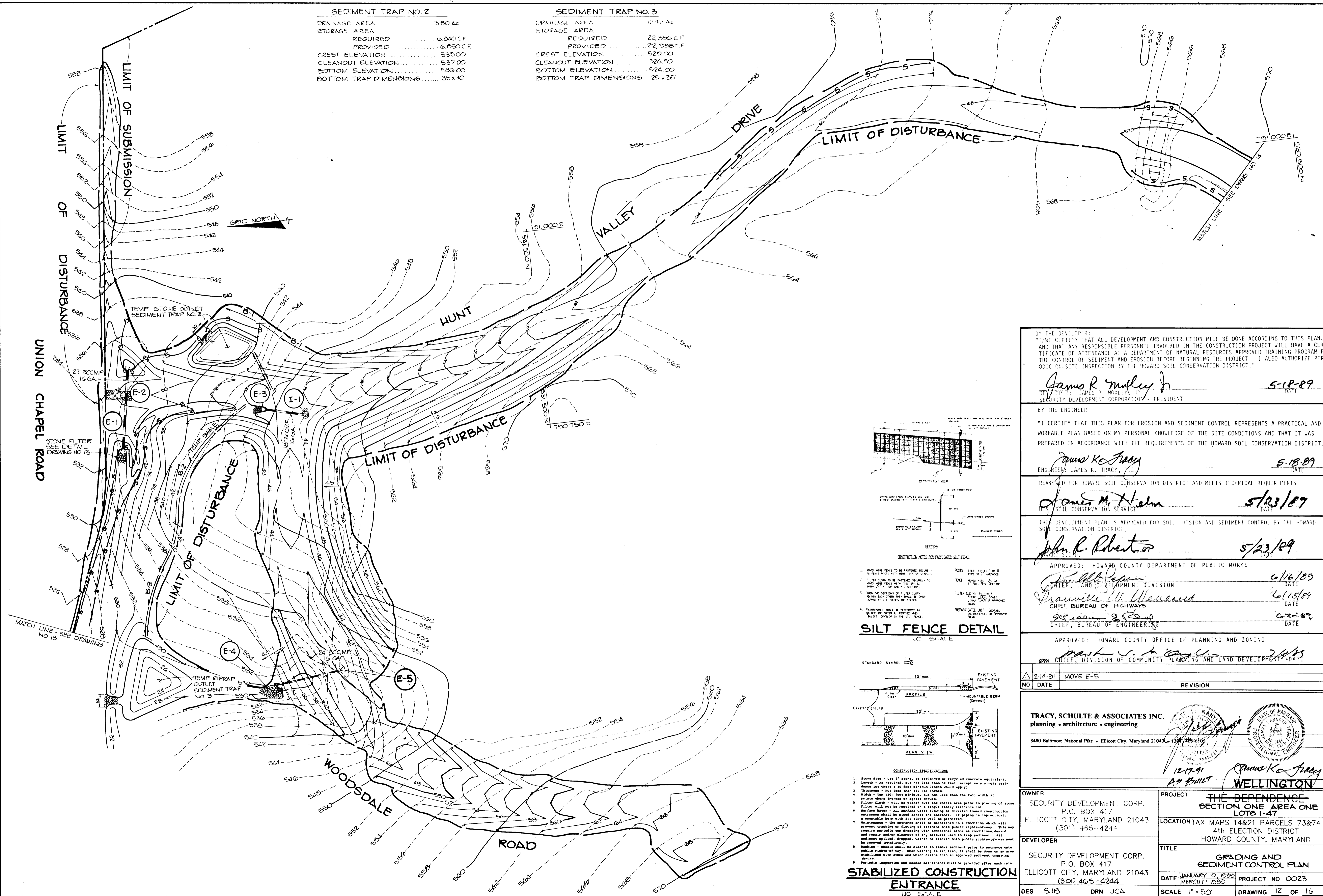
1454

**SEDIMENT TRAP NO 2**

DRAINAGE AREA	380 AC
STORAGE AREA	REQUIRED 6,840 CF PROVIDED 6,850 CF
CREST ELEVATION	530.00
CLEANOUT ELEVATION	527.00
BOTTOM ELEVATION	526.00
BOTTOM TRAP DIMENSIONS	35 x 40

**SEDIMENT TRAP NO 3**

DRAINAGE AREA	1242 AC
STORAGE AREA	REQUIRED 22,356 CF PROVIDED 22,388 CF
CREST ELEVATION	529.00
CLEANOUT ELEVATION	526.50
BOTTOM ELEVATION	524.00
BOTTOM TRAP DIMENSIONS	25 x 35



**SILT FENCE DETAIL**  
NO SCALE

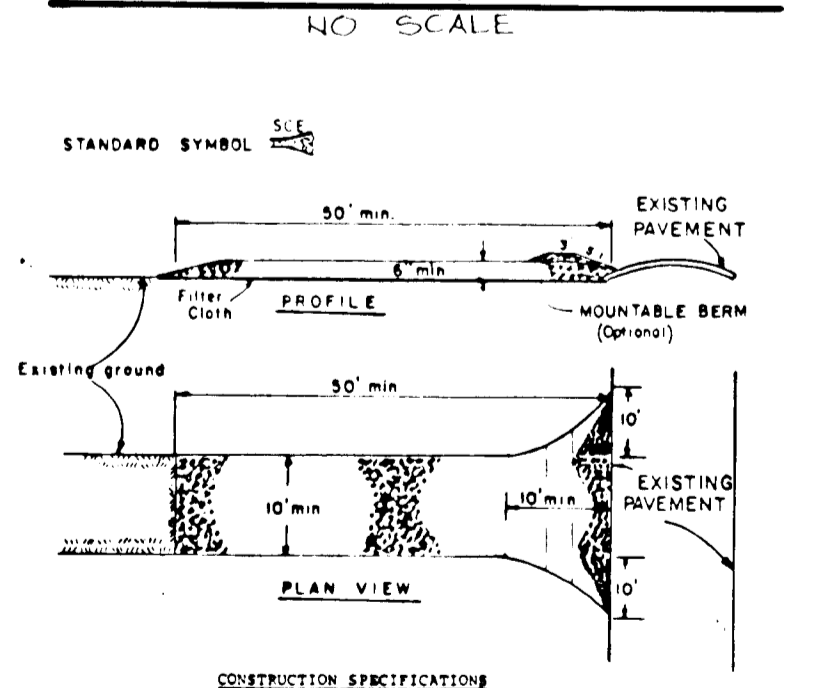
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:

- When wire fence is to be fastened securely to posts with wire ties or staples:
- Filter cloth to be fastened securely to posts with ties or staples.
- When the bottom of filter cloth is to be secured to the ground, it shall be secured to the ground with ties or staples.
- Maintenance shall be performed as needed and reported to the engineer.

STANDARD SYMBOL:

CONSTRUCTION SPECIFICATIONS:

- Stone #10 - Use #7 stone, or recycled or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than 18 inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress of seepage occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical, a portable pump with 3/4" slope will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleaning of sediment trap. All sediment traps shall be inspected, cleaned, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Washing shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area established with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.



**STABILIZED CONSTRUCTION ENTRANCE**  
NO SCALE

BY THE DEVELOPER:  
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."  
**James R. Moley Jr.** 5-18-89  
DEVELOPER: SECURITY DEVELOPMENT CORPORATION - PRESIDENT

BY THE ENGINEER:  
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."  
**James K. Tracy** 5-18-89  
ENGINEER: JAMES K. TRACY, P.E.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS  
**James M. Helms** 5/23/89  
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
**John R. Robertson** 5/23/89  
HOWARD S.C.D.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
**Franklin P. Pappas** 6/16/89  
CHIEF, LAND DEVELOPMENT DIVISION

**Traville W. McManus** 6/15/89  
CHIEF, BUREAU OF HIGHWAYS

**John R. Pappas** 6-25-89  
CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
**Mark S. H. ...** 2/14/89  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

2-14-91 MOVE E-5  
NO DATE REVISION

**TRACY, SCHULTE & ASSOCIATES INC.**  
planning • architecture • engineering  
8480 Baltimore National Pike • Ellicott City, Maryland 21043

**WELLINGTON**

OWNER: SECURITY DEVELOPMENT CORP., P.O. BOX 417, ELICOTT CITY, MARYLAND 21043 (301) 465-4244

DEVELOPER: SECURITY DEVELOPMENT CORP., P.O. BOX 417, ELICOTT CITY, MARYLAND 21043 (301) 465-4244

PROJECT: THE DEPENDENCE SECTION ONE AREA ONE LOTS 1-47

LOCATION: TAX MAPS 14&21 PARCELS 73&74 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

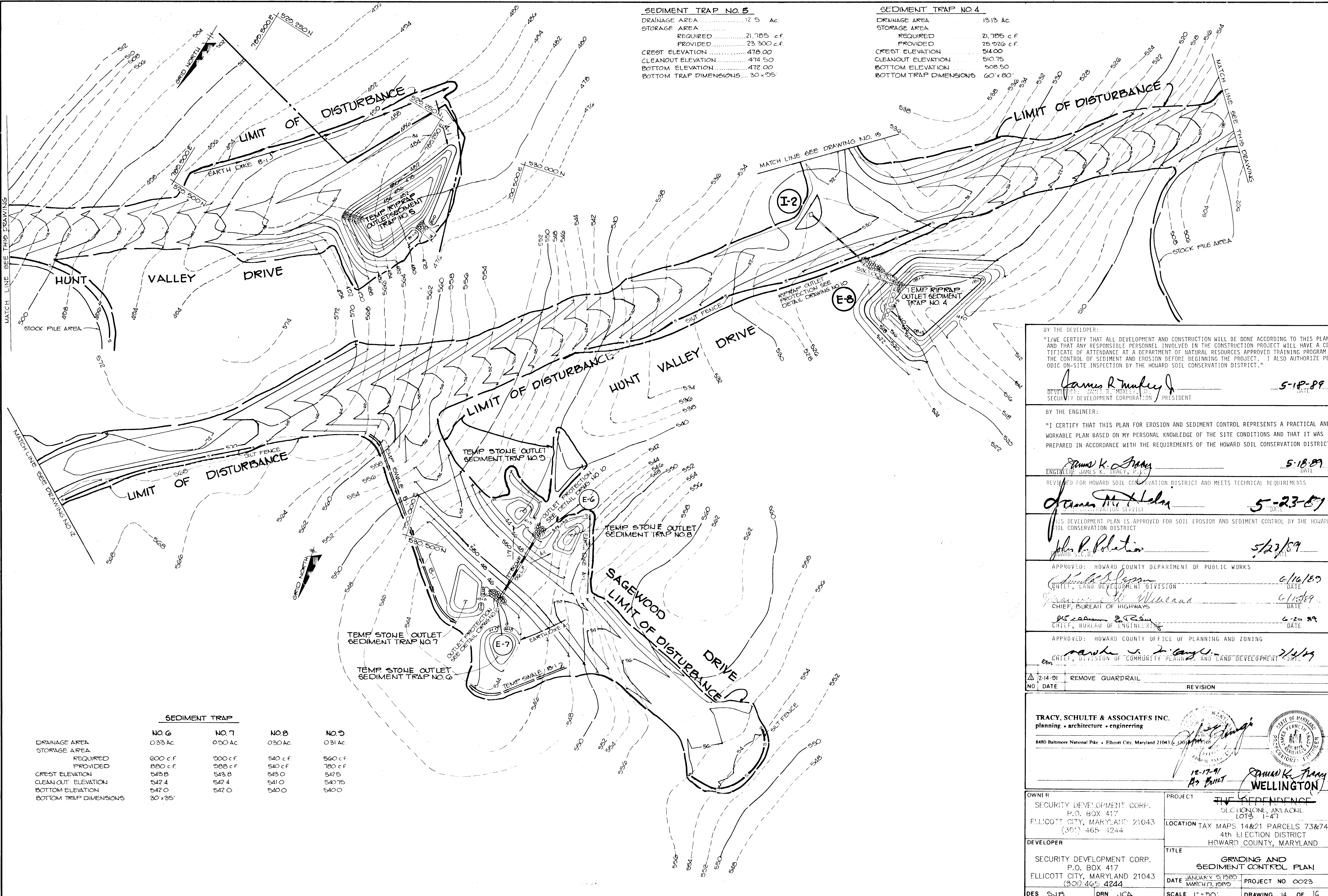
TITLE: GRADING AND SEDIMENT CONTROL PLAN

DATE: JANUARY 2, 1989 PROJECT NO 0023  
MARCH 7, 1989

DES: SJB DRN: JCA SCALE: 1" = 50' DRAWING: 12 OF 16

14574





**SEDIMENT TRAP NO. 5**

DRAINAGE AREA	12.5 Ac.
STORAGE AREA	REQUIRED 21,785 c.f. PROVIDED 23,300 c.f.
CREST ELEVATION	478.00
CLEANOUT ELEVATION	474.50
BOTTOM ELEVATION	472.00
BOTTOM TRAP DIMENSIONS	30' x 35'

**SEDIMENT TRAP NO. 4**

DRAINAGE AREA	13.13 Ac.
STORAGE AREA	REQUIRED 21,785 c.f. PROVIDED 25,926 c.f.
CREST ELEVATION	514.00
CLEANOUT ELEVATION	510.75
BOTTOM ELEVATION	508.50
BOTTOM TRAP DIMENSIONS	60' x 80'

**SEDIMENT TRAP**

	NO. 6	NO. 7	NO. 8	NO. 9
DRAINAGE AREA	0.33 Ac.	0.50 Ac.	0.30 Ac.	0.31 Ac.
STORAGE AREA	REQUIRED 600 c.f. PROVIDED 880 c.f.	900 c.f. 988 c.f.	540 c.f. 540 c.f.	560 c.f. 780 c.f.
CREST ELEVATION	543.8	543.8	543.0	547.5
CLEANOUT ELEVATION	542.4	542.4	541.0	540.75
BOTTOM ELEVATION	542.0	542.0	540.0	540.0
BOTTOM TRAP DIMENSIONS	20' x 35'			

BY THE DEVELOPER:  
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."  
*James R. Munkley* 5-18-89  
 DEVELOPER: JAMES R. MUNKLEY, JR., PRESIDENT  
 SECURITY DEVELOPMENT CORPORATION

BY THE ENGINEER:  
 "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."  
*James K. Tracy* 5-18-89  
 ENGINEER: JAMES K. TRACY, P.E.  
 REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

*James M. Helms* 5-23-89  
 SOIL CONSERVATION SERVICE

*John P. Polatino* 5/23/89  
 HOWARD S.C.D.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Donald D. Johnson* 6/16/89  
 CHIEF, LAND DEVELOPMENT DIVISION  
*Lawrence W. Wenzel* 6/1/89  
 CHIEF, BUREAU OF HIGHWAYS  
*John E. ...* 6-20-89  
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*... ..* 7/2/89  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

2-14-91	REMOVE GUARDRAIL	
NO.	DATE	REVISION

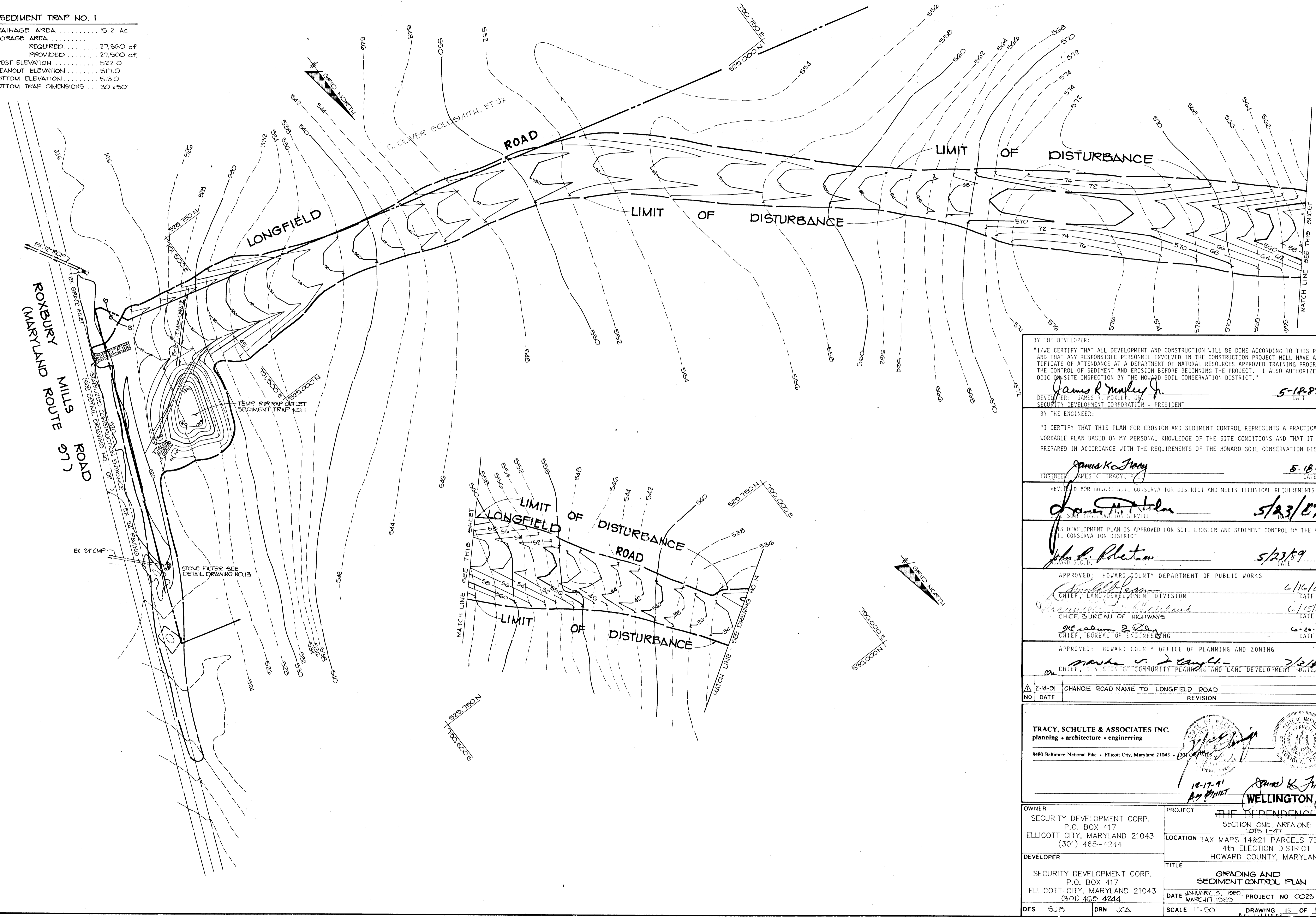
**TRACY, SCHULTE & ASSOCIATES INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 (301) 465-4244  
 12-17-91  
*As Built*  
**WELLINGTON**

OWNER SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELlicOTT CITY, MARYLAND 21043 (301) 465-4244	PROJECT <b>THE WINDFENCE</b> SECTION ONE, ARKADON LOTS 1-47
DEVELOPER SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELlicOTT CITY, MARYLAND 21043 (301) 465-4244	LOCATION TAX MAPS 14&21 PARCELS 73&74 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE GRADING AND SEDIMENT CONTROL PLAN	DATE JANUARY 2, 1989 MARCH 7, 1989
DES: SJB DRN: JCA	PROJECT NO: 0023 SCALE: 1" = 50' DRAWING: 14 OF 16

1454

**SEDIMENT TRAP NO. 1**

DRAINAGE AREA ..... 15.2 Ac  
 STORAGE AREA .....  
 REQUIRED ..... 27,360 cf.  
 PROVIDED ..... 27,500 cf.  
 CREST ELEVATION ..... 522.0  
 CLEANOUT ELEVATION ..... 517.0  
 BOTTOM ELEVATION ..... 513.0  
 BOTTOM TRAP DIMENSIONS ..... 30' x 50'



BY THE DEVELOPER:  
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."  
*James R. Moxley, Jr.* 5-18-89  
 DEVELOPER: JAMES R. MOXLEY, JR.  
 SECURITY DEVELOPMENT CORPORATION - PRESIDENT

BY THE ENGINEER:  
 "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."  
*James K. Tracy* 5-18-89  
 ENGINEER: JAMES K. TRACY, P.E.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS  
*James M. Tolson* 5/23/89  
 STATE SOIL CONSERVATION SERVICE

AS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*John D. Piletan* 5/23/89  
 HOWARD S.C.D.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Donald J. ...* 6/16/89  
 CHIEF, LAND DEVELOPMENT DIVISION  
*William ...* 6/15/89  
 CHIEF, BUREAU OF HIGHWAYS  
*William ...* 6-20-89  
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Mark ...* 7/3/89  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

NO	DATE	CHANGE ROAD NAME TO LONGFIELD ROAD	REVISION
2-14-91			

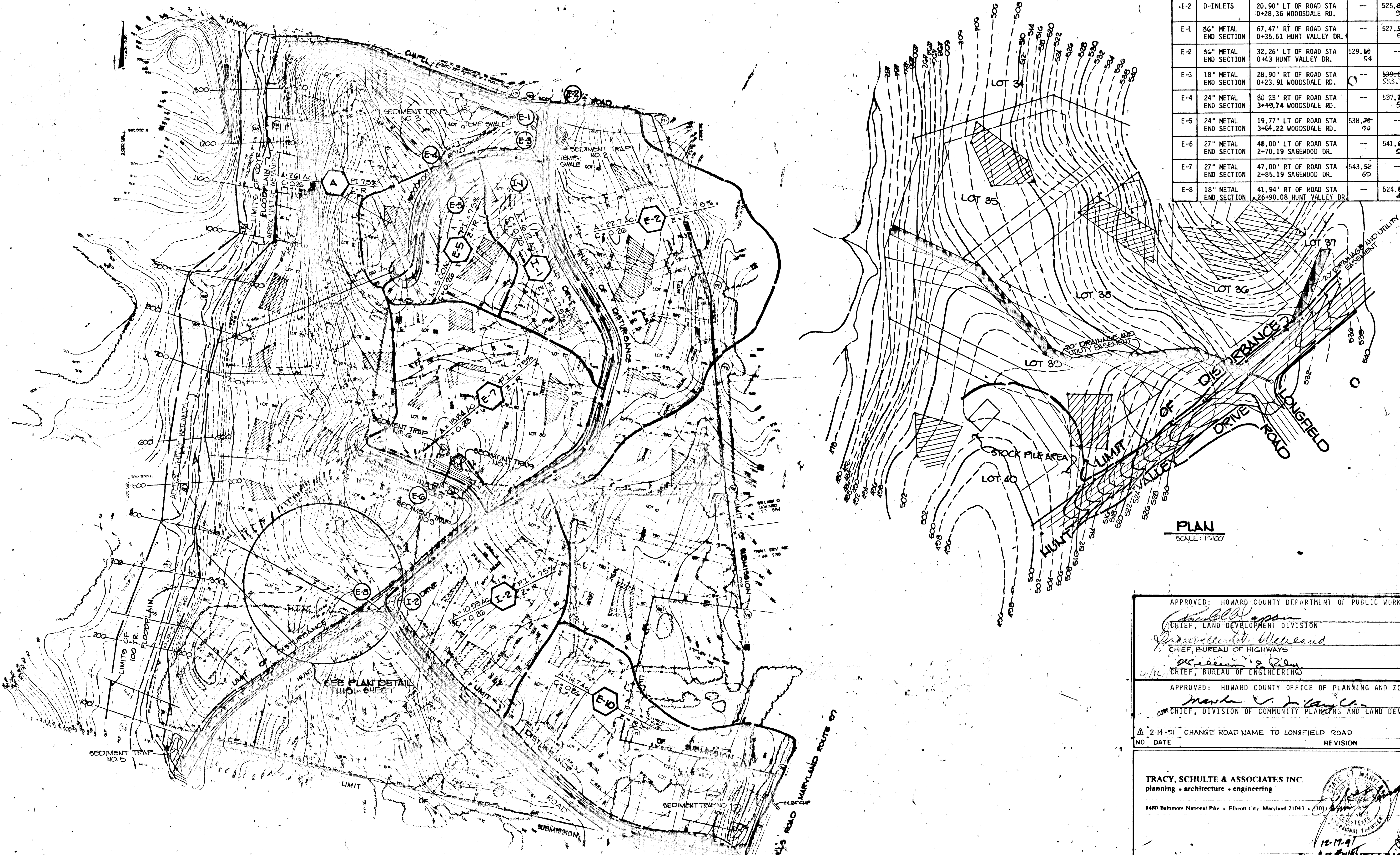
**TRACY, SCHULTE & ASSOCIATES INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 425-4244

*James K. Tracy*  
 WELLINGTON  
 12-17-91  
 AS SHOWN

OWNER	SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043 (301) 465-4244	PROJECT	THE RESIDENCE SECTION ONE, AREA ONE LOTS 1-47 LOCATION TAX MAPS 14&21 PARCELS 73&74 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DEVELOPER	SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043 (301) 465-4244	TITLE	GRADING AND SEDIMENT CONTROL PLAN
DES	SWB	DRN	JCA
DATE	JANUARY 9, 1989 MARCH 7, 1989	PROJECT NO	0023
SCALE	1" = 50'	DRAWING	15 OF 16

1454

STORM DRAIN STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	INV. IN	INV. OUT	TOP ELEV.	REMARKS
I-1	D-INLETS	27.66' LT OF ROAD STA 26+46.79 HUNT VALLEY DR.	--	539.40 21	542.83 4.3	H.C. STD S.D. 4.11
I-2	D-INLETS	20.90' LT OF ROAD STA 0+28.36 WOODSDALE RD.	--	525.81 30	529.62 3.8	H.C. STD S.D. 4.11
E-1	36" METAL END SECTION	67.47' RT OF ROAD STA 0+35.61 HUNT VALLEY DR.	--	527.50 50	530.60 3.1	STD. DETAIL MD 370.01
E-2	36" METAL END SECTION	32.26' LT OF ROAD STA 0+43 HUNT VALLEY DR.	529.50 54	--	532.50 3.0	STD. DETAIL MD 370.01
E-3	18" METAL END SECTION	28.90' RT OF ROAD STA 0+23.91 WOODSDALE RD.	--	529.00 533.75	540.60 11.6	STD. DETAIL MD 370.01
E-4	24" METAL END SECTION	80.23' RT OF ROAD STA 3+42.74 WOODSDALE RD.	--	537.30 50	541.74 4.4	STD. DETAIL MD 370.01
E-5	24" METAL END SECTION	19.77' LT OF ROAD STA 3+64.22 WOODSDALE RD.	538.70 70	--	540.70 2.0	STD. DETAIL MD 370.01
E-6	27" METAL END SECTION	48.00' LT OF ROAD STA 2+70.19 SAGEWOOD DR.	--	541.60 56	543.05 1.4	STD. DETAIL MD 370.01
E-7	27" METAL END SECTION	47.00' RT OF ROAD STA 2+85.19 SAGEWOOD DR.	543.52 60	--	545.77 2.2	STD. DETAIL MD 370.01
E-8	18" METAL END SECTION	41.94' RT OF ROAD STA 26+90.08 HUNT VALLEY DR.	--	524.60 41	526.00 1.4	STD. DETAIL MD 370.01



PLAN  
SCALE: 1"=100'

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*Charles W. ...* 6/16/89  
CHIEF, LAND-DEVELOPMENT DIVISION DATE

*William W. ...* 6/15/89  
CHIEF, BUREAU OF HIGHWAYS DATE

*William ...* 6-20-89  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*Mark ...* 7/2/89  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

2-14-91 CHANGE ROAD NAME TO LONGFIELD ROAD  
NO. DATE REVISION

TRACY, SCHULTE & ASSOCIATES INC.  
planning • architecture • engineering

8480 Baltimore National Pike • Ellicott City, Maryland 21041 • (301) 465-4244

*Tracy Schulte*  
REGISTERED PROFESSIONAL ENGINEER

*James H. Wellington*  
REGISTERED PROFESSIONAL ENGINEER

OWNER: SECURITY DEVELOPMENT CORP.  
P.O. BOX 417  
ELlicOTT CITY, MARYLAND 21043  
(301) 465-4244

DEVELOPER: SECURITY DEVELOPMENT CORP.  
P.O. BOX 417  
ELlicOTT CITY, MARYLAND 21043  
(301) 465-4244

DEF: SJB DRN: KMN/JCA

PROJECT: THE DEPENCE  
SECTION ONE AREA ONE  
LOTS 1-47

LOCATION: TAX MAPS 14421 PARCELS 73474  
4th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE: DRAINAGE AREA MAP

DATE: JANUARY 2, 1989  
MARCH 17, 1989

PROJECT NO: 0023

SCALE: 1"=200' DRAWING: 16 OF 16

1454