

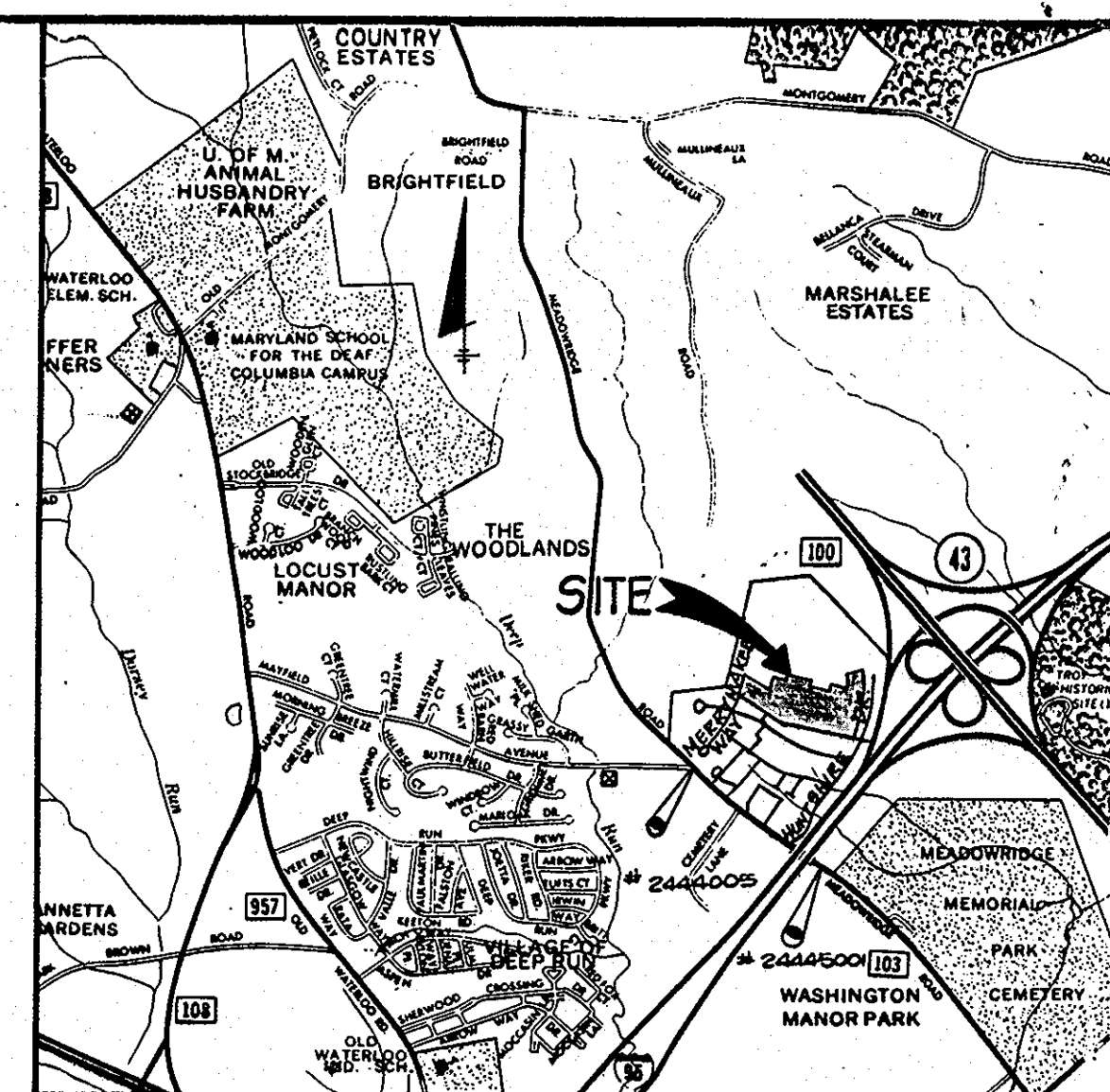
CENTERLINE CURVE DATA						
STATION	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
4+57.11 TO 11+01.50	650.00	553.04	180.77	348.72	N 23° 04' 54" E	31° 07' 12"
11+01.50 TO 13+14.80	75.00	31.04	15.75	30.82	N 10° 05' 14" E	23° 42' 50"
13+14.80 TO 15+14.80	75.00	29.00	14.70	28.82	N 7° 41' 30" E	22° 09' 30"
15+14.80 TO 17+04.21	75.00	29.41	15.30	29.35	N 3° 44' 00" E	18° 05' 30"
17+04.21 TO 19+04.21	75.00	31.04	15.75	30.82	N 3° 00' 46" E	23° 42' 50"
19+04.21 TO 21+04.21	650.00	144.55	72.97	144.25	N 13° 55' 33" E	12° 44' 20"
21+04.21 TO 23+04.21	525.00	274.00	140.10	271.05	N 07° 09' 09" W	20° 20' 34"

TEST PIT DATA			
TP NO 1	TOP OF 26" GAS MAIN	INV. 236.20	238.37
TP NO 2	TOP OF 26" GAS MAIN	INV. 279.15	281.31

NO.	DATE	REVISIONS (CONTINUED)
2	12-18-17	REMOVE SIDEWALK & LANDSCAPING ALONG EAST SIDE OF HUNTSIRE DRIVE FOR INSTALLATION UNDER F-95-16 SECTION 4

BENCH MARKS	
HO. CO. BM # 2444005	ELEV. 271.249
CONC. MONUMENT	0.5' BELOW SURFACE
N 49° 58.5' 271	E 24° 12' 17.0
HO. CO. BM # 2445001	ELEV. 245.095
CONC. MONUMENT	0.1' BELOW SURFACE
N 49° 46.3' 186	E 86° 47.8' 479

SHEET INDEX	
NO.	DESCRIPTION
1	PLAN OF HUNTSIRE DR. MERRYMAKER WAY, SEDGWICK ST., UPLANDS RD & HIGH BANKS CT.
2	ROAD PROFILES
3	ROAD PROFILES
4	GRADING, SEDIMENT CONTROL & SOILS MAP
5	DRAINAGE AREA MAP
6	DETAILS
7	STORM DRAIN PROFILES
8	PLANTING PLAN
9	NOISE MITIGATION PLAN



VICINITY MAP  
SCALE: 1" = 2000'

- General Notes:
- All construction shall be in accordance with the latest standards and specifications of Howard County.
  - The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (410) 792-7272 at least five (5) working days prior to the start of work.
  - The contractor shall notify "Miss Utility" at 1-888-257-7777 at least 48 hours prior to any excavation work.
  - Project Background:  
Location: Tax Map: 37 Parcel: 615  
Zoning: RHM  
Section Area: 3/1  
Total Tract Area: 11.44 AC.  
Number of Proposed Lots: 62  
Related DPZ References: SDP-90-86, WP-92-10, E-92-10, F-92-35
  - Traffic control devices, markings, and signing shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt.
  - Topography shown taken from aerial survey by Happing Associates dated April, 1986 and is at a two foot contour interval and vertical datum shown herein is from county Geographic control points 2444005 and 2445001.
  - Light poles and fixtures for street lights shall be 12' High Pressure Sodium Traditional Lights on 14 Foot Black Fiberglass Poles.
  - Water and sewer for this project is Public Contract No. 14-3019-D and is in the Patapsco Drainage Area.
  - Stormwater management and water quality for this project is provided in Nottingham Village Section 1, F-91-92, by extended detention. This facility is privately owned and maintained.
  - Traffic study was prepared by Lee Cunningham & Associates, Inc. dated May, 1991.
  - Noise study was prepared by Polysonics dated November 21, 1991.
  - All utilities shown as existing are shown from locating on existing construction plans.
  - All HANDICAP RAMPS SHALL MEET ADA REQUIREMENTS.

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief, Land Development Division: *[Signature]* DATE: 5/6/93  
 Chief, Bureau of Highways: *[Signature]* DATE: 4/23/92  
 Chief, Bureau of Engineering: *[Signature]* DATE: 5-6-93

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chief, Division of Community Planning and Land Development: *[Signature]* DATE: 5/10/92

TSA GROUP, INC.  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

OWNER: SECURITY DEVELOPMENT CORP  
 P.O. BOX 417  
 ELICOTT CITY, MARYLAND 21043  
 (410) 465-4244

DEVELOPER: SECURITY DEVELOPMENT CORP  
 P.O. BOX 417  
 ELICOTT CITY, MARYLAND 21043  
 (410) 465-4244

PROJECT: NOTTINGHAM VILLAGE SECTION 5  
 LOCATION: TAX MAP NO. 37 L. 1427, F. 284  
 ZONING MAP NO. 37 PARCEL NO. G15  
 HOWARD COUNTY, MARYLAND

TITLE: PLAN OF HUNTSIRE DRIVE, MERRYMAKER WAY, SEDGWICK STREET, UPLANDS ROAD AND HIGH BANKS COURT

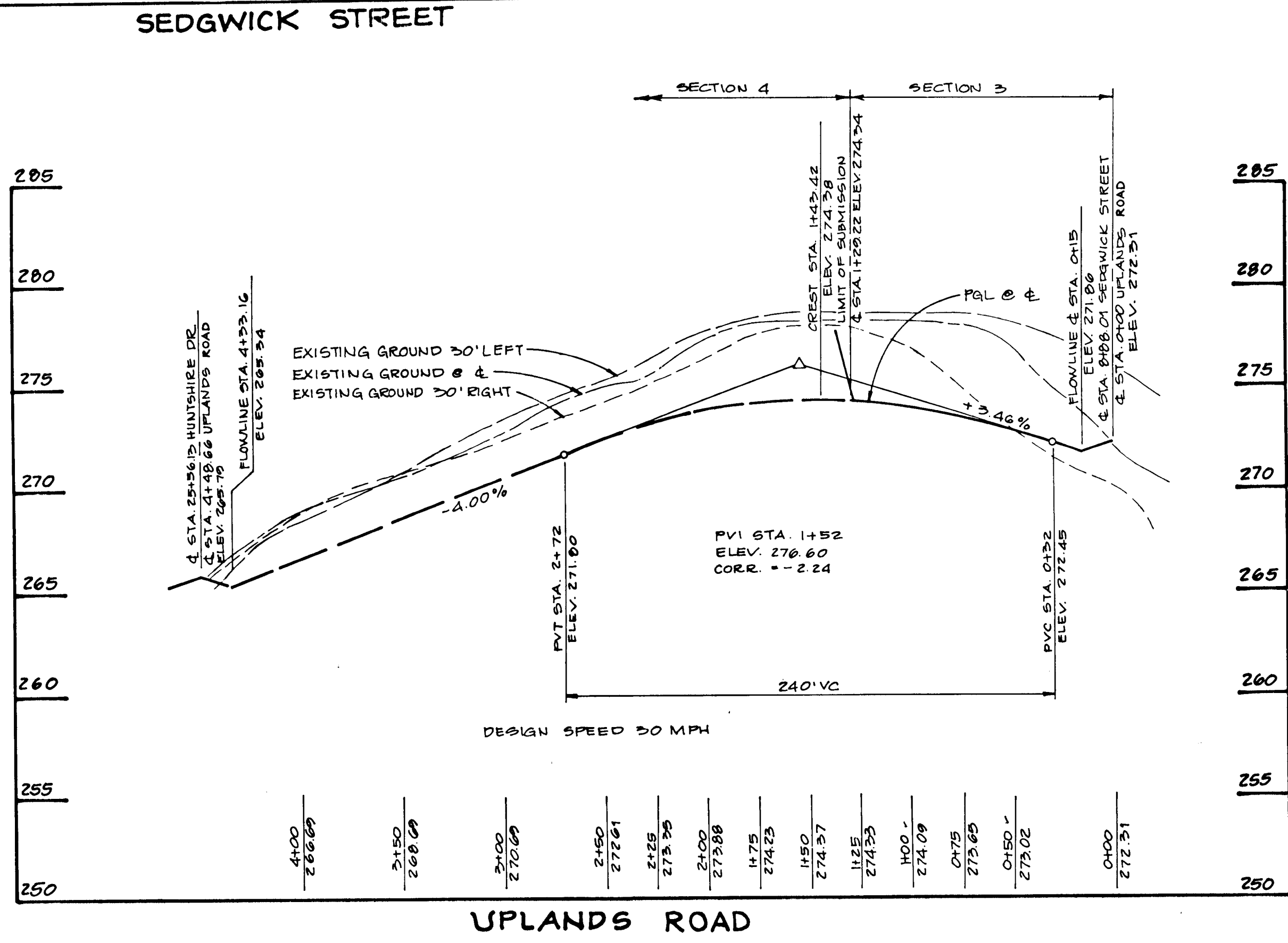
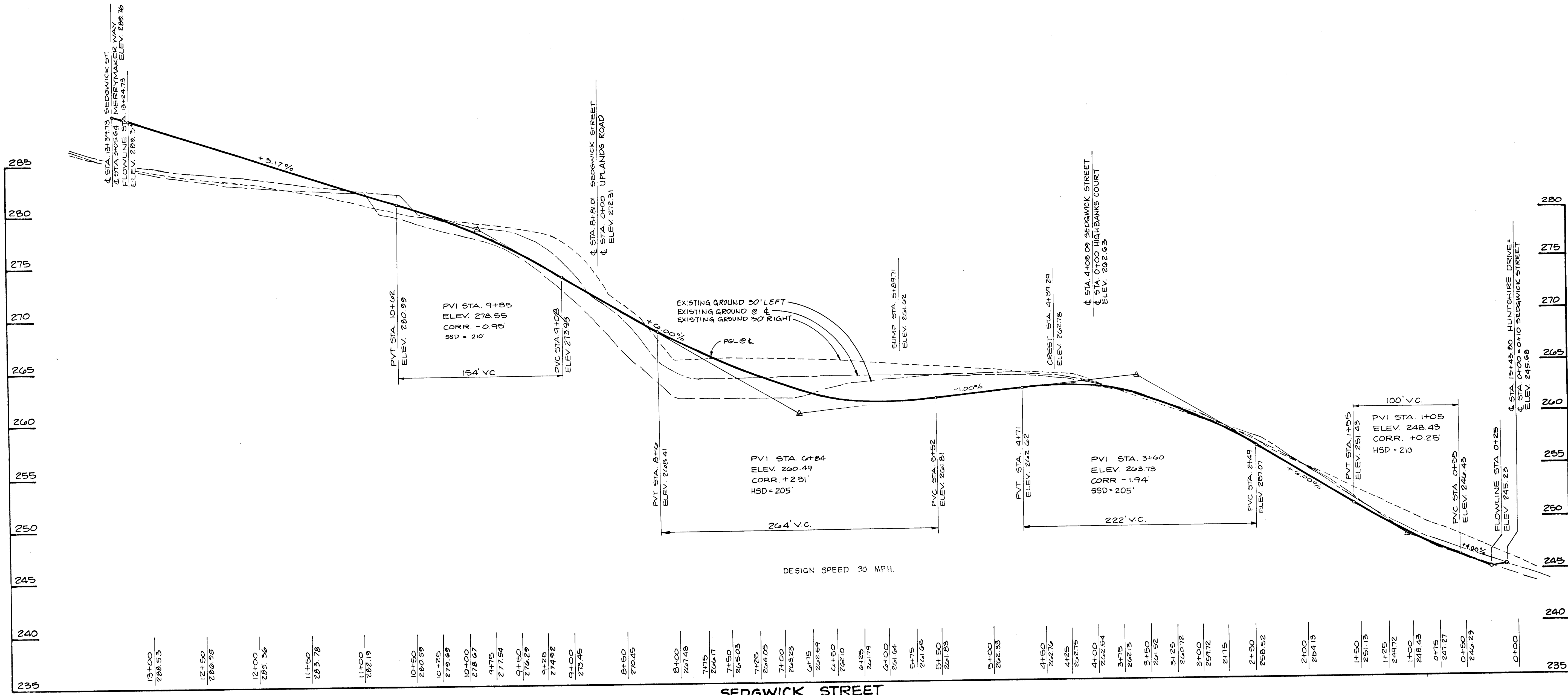
DATE: JAN. 6, 1992  
 SEPT. 9, 1992

DES: DAM  
 DRN: EJS/JB

SCALE: AS SHOWN  
 DRAWING 1 OF 9

PROJECT NO. 0050





APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Howard County* 5/6/93 DATE  
 CHIEF, LAND DEVELOPMENT DIVISION  
*John M. Johnson* 4/9/93 DATE  
 CHIEF, BUREAU OF HIGHWAYS  
*William J. Riley* 5-6-93 DATE  
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*William J. Riley* 5/10/93 DATE  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

NO	DATE	REVISION

**TSA GROUP, INC.**  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

OWNER: SECURITY DEVELOPMENT CORP  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21043  
 (410) 465-4244

PROJECT: **NOTTINGHAM VILLAGE SECTION 3**

LOCATION: TAX MAP No. 37 L1427 F284  
 ZONING MAP No. 37 PARCEL No. 615  
 125 ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

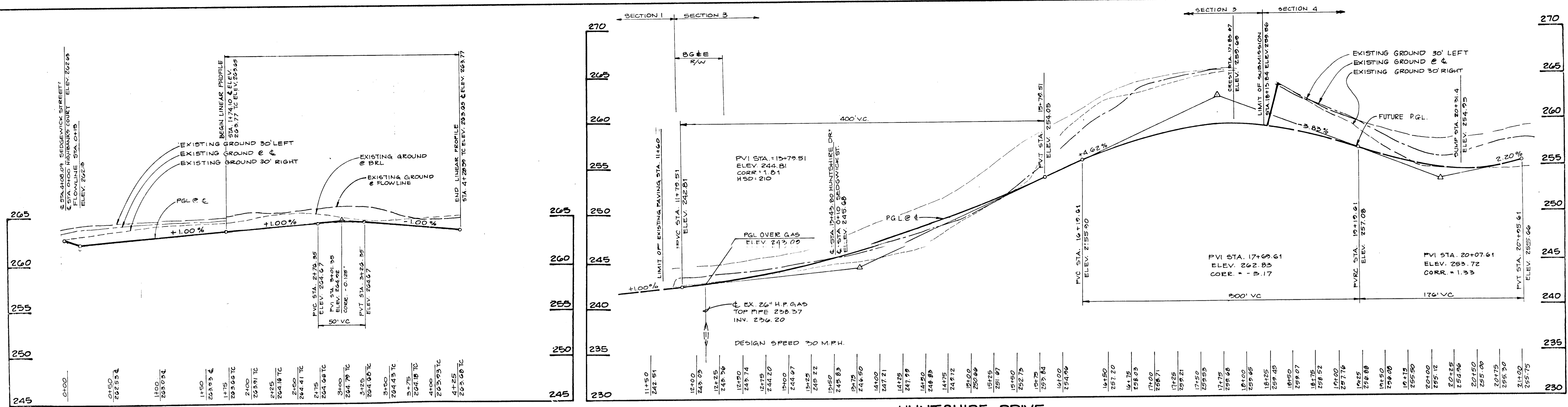
DEVELOPER: SECURITY DEVELOPMENT CORP  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21043  
 (410) 465-4244

TITLE: **ROAD PROFILES**

DATE: JAN. 6, 1992 PROJECT NO. 0050  
 SEPT. 9, 1992

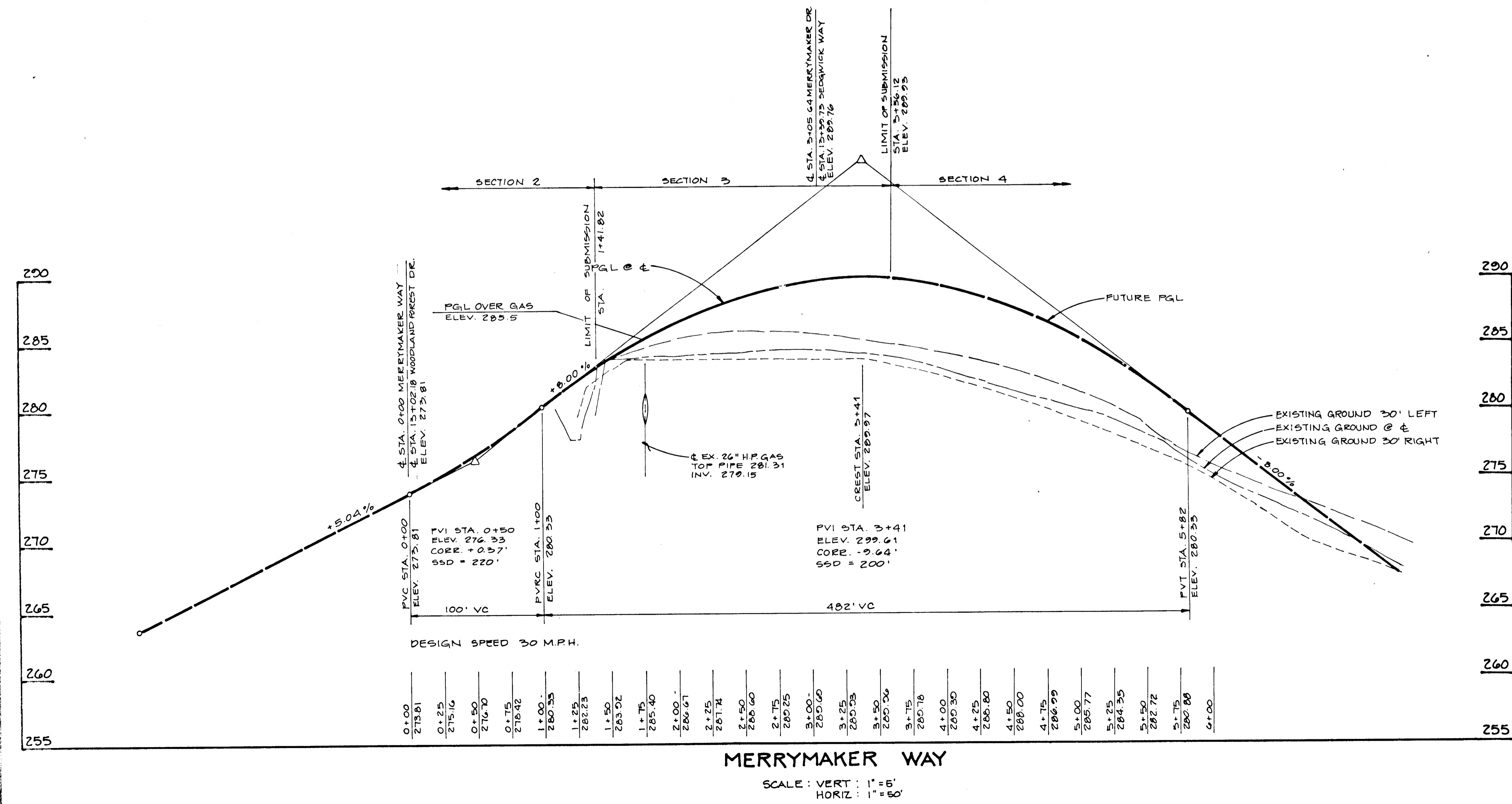
DES. D.A.M. DRN. J.B. SCALE: VERT. 1"=5' PROJECT NO. 0050  
 HORIZ. 1"=50' DRAWING 2 OF 9

1491



**HIGH BANKS COURT**  
DESIGN SPEED 30 MPH.

**HUNTSHIRE DRIVE**



**MERRYMAKER WAY**

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

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		5/6/93
CHIEF, LAND DEVELOPMENT DIVISION		DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING		4/9/93
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT		DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF ENGINEERING		5-6-93
CHIEF, BUREAU OF ENGINEERING		DATE
NO.	DATE	REVISION
<b>TSA GROUP, INC.</b> planning • architecture • engineering 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6111		
OWNER:	PROJECT:	
SECURITY DEVELOPMENT CORP P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043 (410) 465-4244	<b>NOTTINGHAM VILLAGE</b> SECTION 3	
DEVELOPER:	LOCATION:	
SECURITY DEVELOPMENT CORP P.O. BOX 417 ELLICOTT CITY, MARYLAND 21043 (410) 465-4244	TAX MAP No 37 L1427 F284 ZONING MAP No 37 PARCEL No 615 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
DES. D.A.M.	DRN. I.B.	TITLE:
		<b>ROAD PROFILES</b>
		DATE:
		JAN. 6, 1992 APRIL 30, 1992
		PROJECT NO:
		0050
		SCALE:
		VERT. 1" = 5' HORIZ. 1" = 50'
		DRAWING:
		3 OF 9



**SOILS CLASSIFICATION**

SYMBOL	DESCRIPTION
BeB2	BELTSVILLE SILT LOAM, 1 TO 5% SLOPES, MODERATELY ERODED.
BeC3	BELTSVILLE SILT LOAM, 5 TO 10% SLOPES, SEVERELY ERODED.
BeD2	BELTSVILLE SILT LOAM, 10 TO 15% SLOPES, MODERATELY ERODED.
L1	LEONARDTOWN SILT LOAM
RuC2	RUMFORD LOAMY SAND, 5 TO 10% SLOPES, MODERATELY ERODED.
S1B2	SASSAFRAS LOAM, 1 TO 5% SLOPES, MODERATELY ERODED.
SfB2	SASSAFRAS GRAVELLY SANDY LOAM, 1 TO 5% SLOPES, MODERATELY ERODED.

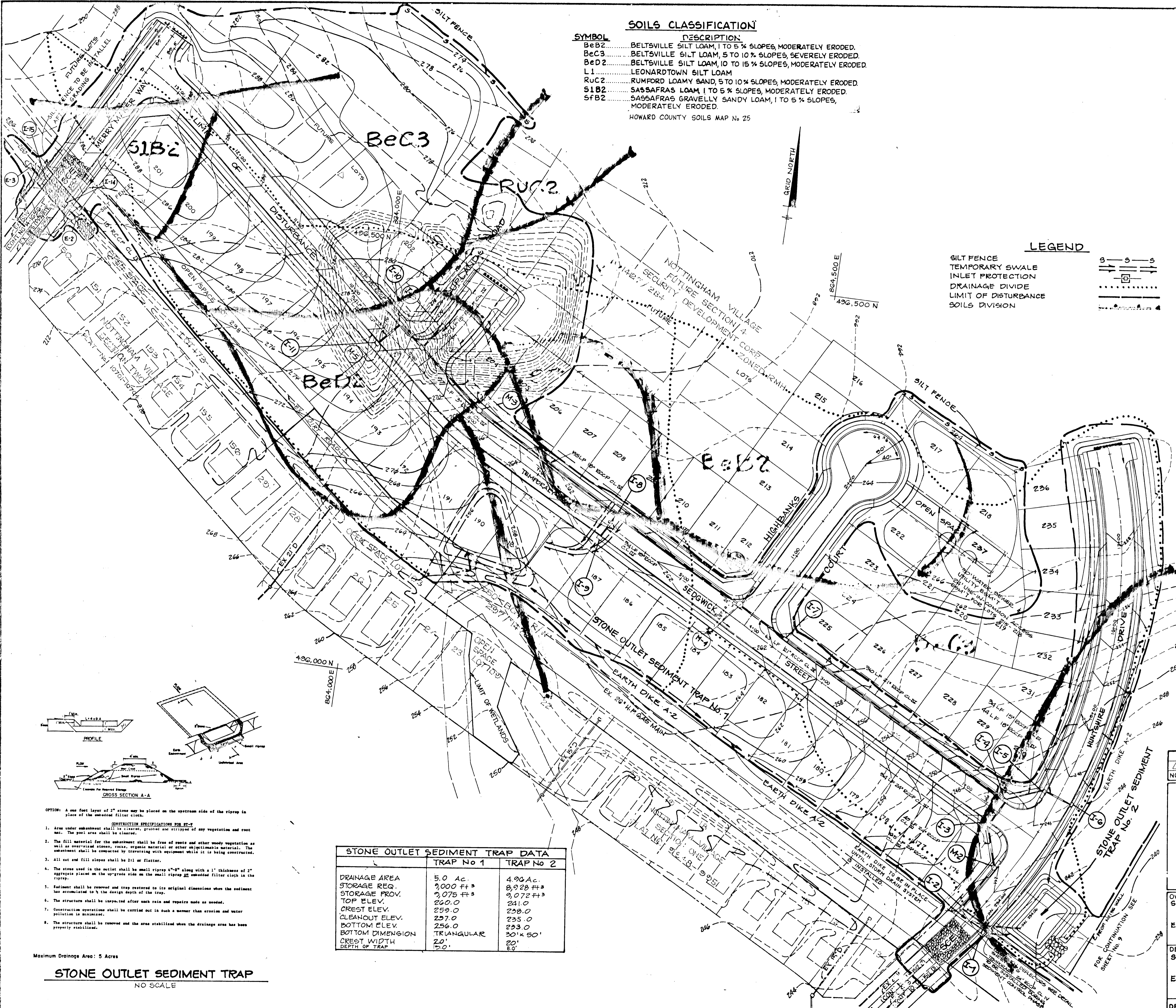
HOWARD COUNTY SOILS MAP No 25

**SEQUENCE OF CONSTRUCTION**

- DAY 1 OBTAIN A GRADING PERMIT.
- DAY 2 - 5 INSTALL STABILIZED CONSTRUCTION ENTRANCES, SEDIMENT TRAP AND SILT FENCE.
- DAY 6 - 16 GRADE SITE TO SUBGRADE AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDBED NOTES.
- DAY 17 - 57 INSTALL STORM DRAINS AND UTILITIES INSTALLING TEMPORARY STORM DRAIN FROM I-1 TO SEDIMENT TRAP No 2 IN PLACE OF DRAIN FROM I-1 TO M-2 AND TEMPORARY STORM DRAIN FROM I-9 TO TRAP No 1.
- DAY 58 - 63 INSTALL CURB AND GUTTER AND PAVING AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDBED NOTES.
- DAY 69 - 75 UPON APPROVAL OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES INCLUDING SEDIMENT TRAP AND INSTALL STORM DRAIN FROM I-1 TO M-2.

**LEGEND**

- SILT FENCE
- TEMPORARY SWALE
- INLET PROTECTION
- DRAINAGE DIVIDE
- LIMIT OF DISTURBANCE
- SOILS DIVISION



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 THE ENVIRONMENT 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.* 3/15/93  
 DEVELOPER: JAMES R. MOXLEY, JR. DATE  
 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.

*John M. Elorriaga* 3/15/93  
 ENGINEER: JOHN M. ELORRIAGA, P.E. # 16891 DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

*James M. Hahn* 3/25/93  
 U.S. SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*Howard S.C.D.* 3/15/93  
 HOWARD S.C.D. DATE

APPROVED, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*William Dammus* 5/6/93  
 CHIEF, LAND DEVELOPMENT DIVISION DATE  
*John M. Ingram* 4/9/93  
 CHIEF, BUREAU OF HIGHWAYS DATE  
*William S. Ray* 5-6-93  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED, HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*William S. Ray* 5/10/93  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

NO	DATE	REVISION
10-10-95		REMOVE INTERSECTION DIVERSION - HUNTSFIRE DRIVE

**TSA GROUP, INC.**  
 planning • architecture • engineering

8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

**STONE OUTLET SEDIMENT TRAP DATA**

	TRAP No 1	TRAP No 2
DRAINAGE AREA	5.0 AC.	4.96 AC.
STORAGE REQ.	9,000 FT <sup>3</sup>	8,928 FT <sup>3</sup>
STORAGE PROV.	9,075 FT <sup>3</sup>	9,072 FT <sup>3</sup>
TOP ELEV.	260.0	261.0
CREST ELEV.	259.0	259.0
CLEANOUT ELEV.	257.0	255.0
BOTTOM ELEV.	256.0	253.0
BOTTOM DIMENSION	TRIANGULAR	30' x 50'
CREST WIDTH	20'	20'
DEPTH OF TRAP	12.0'	8.0'

**STONE OUTLET SEDIMENT TRAP**  
 NO SCALE

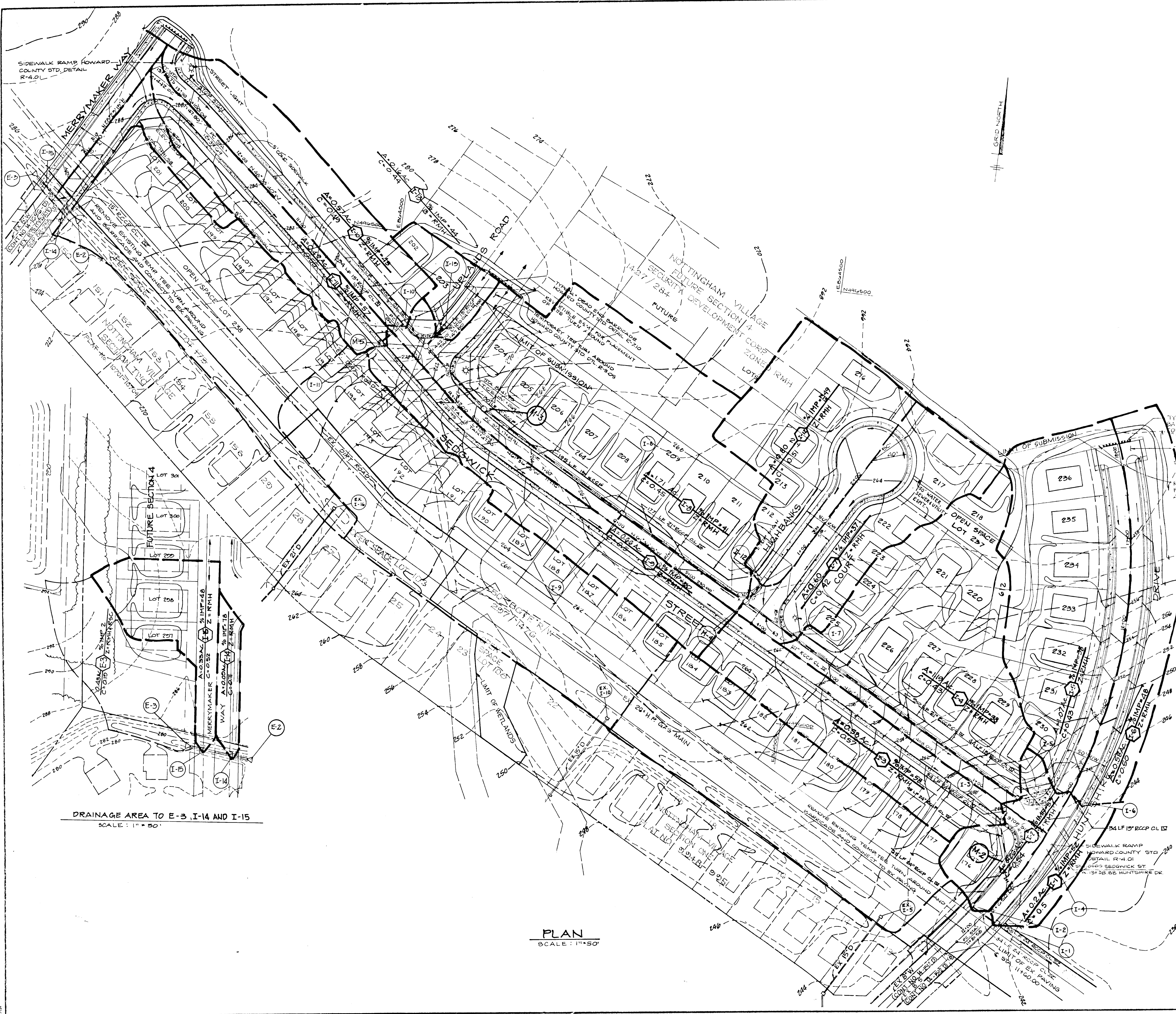
OPTION: A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the unseeded filter cloth.

**CONSTRUCTION SPECIFICATIONS FOR ST-1**

- Area under subment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- The fill material for the subment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The subment shall be constructed by covering with equipment while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small riprap 4"-8" along with a 1" thickness of 2" aggregate placed on the upgrade side on the small riprap embedded filter cloth in the traps.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that stream and water pollution is minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

Maximum Drainage Area: 5 Acres





STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	INV. IN	INV. OUT	TOP ELEV.	REMARKS
I-1	A-5	15' R STA 12+20.97 HUNTSHERE DRIVE	237.0	236.8	242.51	HO. CO. STD SD 4.01
I-2	A-5	15' L STA 12+26.73 HUNTSHERE DRIVE	238.0	237.68	242.26	HO. CO. STD SD 4.01
I-3	A-5 W/DEFL.	15' L STA 0+50 SEDDWICK STREET	240.2	239.95	246.07	HO. CO. STD SD 4.40
I-4	A-5 W/DEFL.	15' R STA 0+50 SEDDWICK STREET	(21+0) 241.0 (18+0) 241.2	240.54	246.07	HO. CO. STD SD 4.40
I-5	A-5 W/DEFL.	15' L STA 13+00.03 HUNTSHERE DRIVE	241.8	241.46	247.05	HO. CO. STD SD 4.40
I-6	A-5 W/DEFL.	15' R STA 13+00.03 HUNTSHERE DRIVE	--	242.0	247.05	HO. CO. STD SD 4.40
I-7	A-5	15' R STA 3+60 SEDDWICK STREET	253.8	253.4	261.64	HO. CO. STD SD 4.01
I-8	A-5	15' R STA 8+00.71 SEDDWICK STREET	(18+0) 257.64 (9+0) 256.6	256.4	261.48	HO. CO. STD SD 4.40
I-9	A-5	15' L STA 8+09.71 SEDDWICK STREET	--	256.8	261.48	HO. CO. STD SD 4.40
I-10	A-5 W/DEFL.	15' R STA 9+30 SEDDWICK STREET	271.25	270.98	275.01	HO. CO. STD SD 4.40
I-11	A-5 W/DEFL.	15' L STA 9+30 SEDDWICK STREET	--	271.45	275.01	HO. CO. STD SD 4.40
H-1	MANHOLE	SEE PLAN SHT. NO. 5	232.75	230.00	* 230.00	HO. CO. STD G. 5.12
H-2	MANHOLE	18' L STA 12+00.50 HUNTSHERE DRIVE	239.5	238.98	244.52	HO. CO. STD G. 5.12
H-3	MANHOLE	18' R STA 8+00 SEDDWICK STREET	264.14	263.94	* 267.42	HO. CO. STD G. 5.12
E-1	END SECTION	SEE PLAN SHT. NO. 5	--	220.2	--	HO. CO. STD SD 5.51
I-12	A-5	15' L STA 0+42 HIGHBANKS COURT	--	256.87	262.35	HO. CO. STD SD 4.40
H-4	MANHOLE	16' R STA 4+23 SEDDWICK STREET	15+0 255.13 18+0 254.63	254.43	* 262.28	HO. CO. STD G. 5.12
I-13	A-5	16' L STA 0+45 UPLANDS ROAD	--	260.8	272.71	HO. CO. STD SD 4.40
M-5	MANHOLE	16' L STA 0+10 UPLANDS ROAD	15+0 260.65 18+0 260.49	260.25	* 275.2	HO. CO. STD G. 5.12
I-14	A-5	15' R STA. 1+28 MERRYMAKER WAY	275.84	275.80	282.28	HO. CO. STD SD 4.40
I-15	A-5	15' L STA. 1+26 MERRYMAKER WAY	276.00	276.70	282.84	HO. CO. STD SD 4.40

\* ELEVATION AT RIM  
ALL STORMDRAIN BEDDING SHALL BE CLASS 'C'

INLET	AREA	C	% IMP
I-1	0.20 AC	0.50	52 %
I-2	0.26 AC	0.54	57 %
I-3	0.58 AC	0.57	58 %
I-4	1.19 AC	0.43	38 %
I-5	1.07 AC	0.43	38 %
I-6	0.58 AC	0.50	48 %
I-7	0.60 AC	0.42	37 %
I-8	1.71 AC	0.45	41 %
I-9	0.66 AC	0.50	50 %
I-10	0.57 AC	0.49	45 %
I-11	0.49 AC	0.43	37 %
I-12	0.20 AC	0.51	49 %
I-13	0.16 AC	0.44	44 %
I-14	0.09 AC	0.71	78 %
I-15	0.33 AC	0.52	48 %

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Chad Dammann*  
 CHIEF, LAND DEVELOPMENT DIVISION  
 DATE: 5/10/93

APPROVED: HOWARD COUNTY DEPARTMENT OF HIGHWAY  
*Alan M. Pennington*  
 CHIEF, BUREAU OF HIGHWAY  
 DATE: 4/9/92

APPROVED: HOWARD COUNTY DEPARTMENT OF ENGINEERING  
*William E. Brown*  
 CHIEF, BUREAU OF ENGINEERING  
 DATE: 5-0-93

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*Shirley H. Smith*  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE: 5/10/93

REMOVE INTERSECTION DIVERSION - HUNTSHERE DRIVE  
 NO DATE REVISION

TSA GROUP, INC.  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

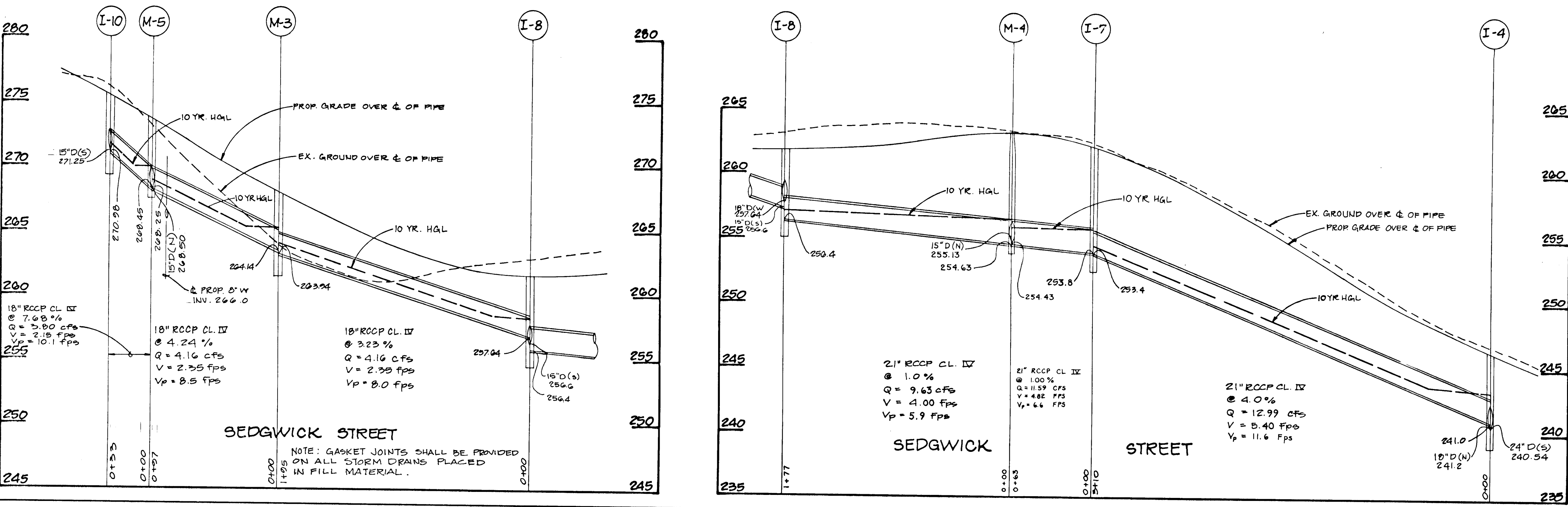
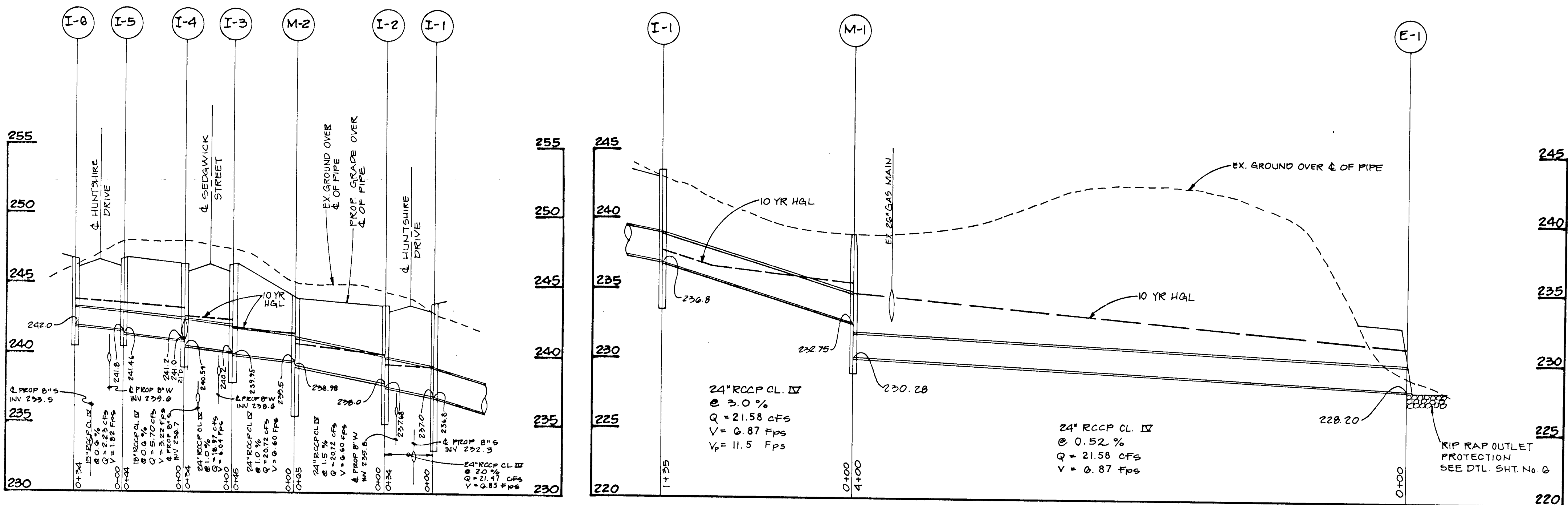
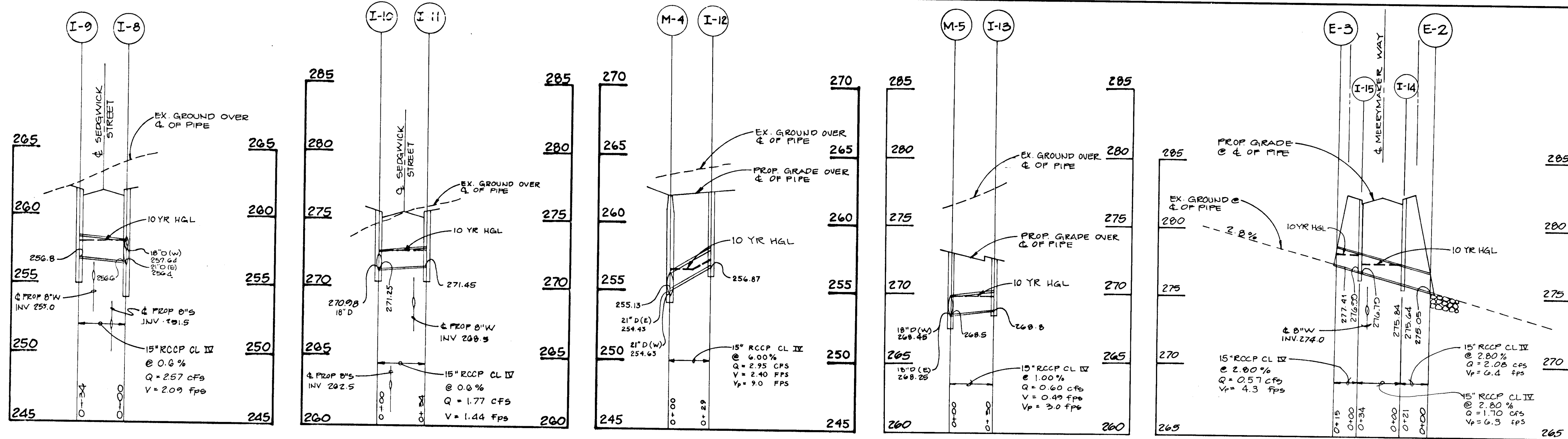
OWNER SECURITY DEVELOPMENT CORP. 90 BOX 417 ELLCOTT CITY, MARYLAND 21043 (410) 465-4244	PROJECT <b>NOTTINGHAM VILLAGE</b> SECTION 5 LOCATION TAX MAP NO 37 L 1427, F 284 ZONING MAP NO 37 PARCEL NO. C15 HOWARD COUNTY, MARYLAND
DEVELOPER SECURITY DEVELOPMENT CORP. PO BOX 417 ELLCOTT CITY, MARYLAND 21043 (410) 465-4244	TITLE <b>DRAINAGE AREA MAP</b>
DATE JAN. 6, 1992 SEPT. 9, 1992	PROJECT NO 0050
DES. DAM DRN EJS/JB/JMG	SCALE AS SHOWN DRAWING 5 OF 9

2491









APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature]  
 CHIEF, LAND DEVELOPMENT DIVISION  
 DATE: 4/9/93

[Signature]  
 CHIEF, BUREAU OF HIGHWAYS  
 DATE: 5-6-93

[Signature]  
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature]  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE:

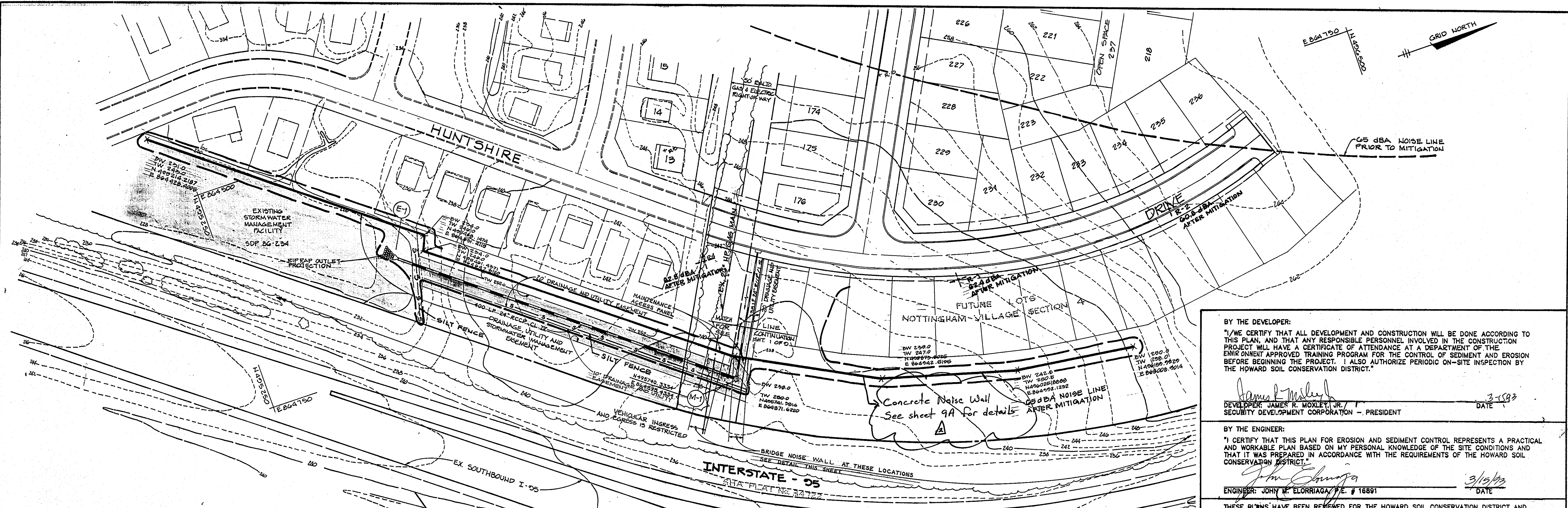
NO.	DATE	REVISION

T S A GROUP INC.  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Millersville, Maryland 21104 • (301)460-8100

OWNER	PROJECT
SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELLCOTT CITY, MARYLAND 21043 (410) 465-4244	NOTTINGHAM VILLAGE SECTION 3
DEVELOPER	LOCATION
SECURITY DEVELOPMENT CORP. P.O. BOX 417 ELLCOTT CITY, MARYLAND 21043 (410) 465-4244	TAX MAP NO. 37 - L 1427, F. 284 ZONING MAP NO. 37, PARCEL 615 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
	TITLE
	STORM DRAIN PROFILES
DES. M.A.	DRN. J.W.G.
	DATE: APRIL 30, 1992 JULY 22, 1992
	SCALE: VERT. 1" = 5' HORIZ. 1" = 50'
	PROJECT NO. 0060 DRAWING 7 OF 9







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 THE ENVIRONMENT 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."  
 DEVELOPER: JAMES R. MOXLEY, JR. / SECURITY DEVELOPMENT CORPORATION - PRESIDENT  
 DATE: 3/15/93

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."  
 ENGINEER: JOHN M. ELORRAGA, P.E. # 16891  
 DATE: 3/15/93

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.  
 JAMES M. HELM, JR. / HOWARD S.C.D.  
 DATE: 3/15/93

THESE PLANS FOR CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
 JOHN L. ROBERTSON / HOWARD S.C.D.  
 DATE: 3/15/93

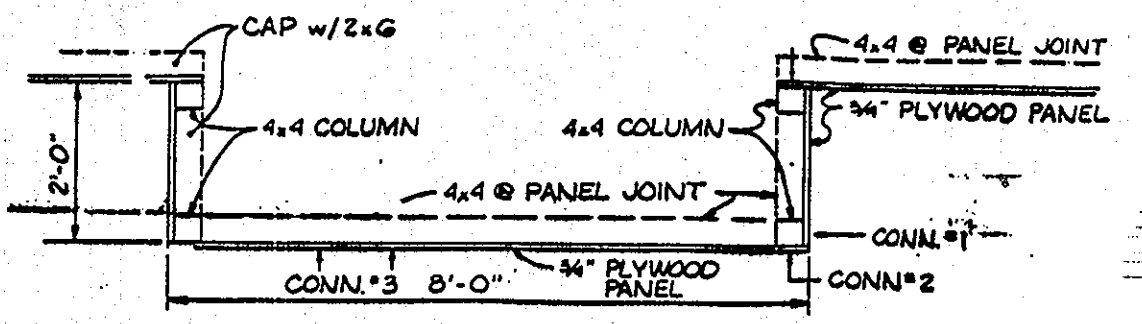
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 CHIEF, LAND DEVELOPMENT DIVISION: 5/6/93  
 CHIEF, BUREAU OF HIGHWAYS: 4/30/93  
 CHIEF, BUREAU OF ENGINEERING: 5-6-93

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: 5/10/93

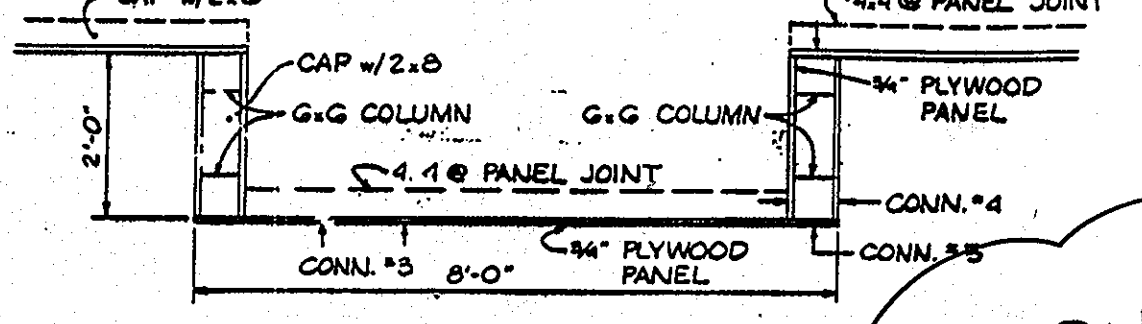
12-2-09	Change material of wall and add details	REVISION
10-10-95	REMOVE INTERSECTION DIVERSIONS - HUNTSHIRE DRIVE	REVISION

TSA GROUP, INC.  
 planning • architecture • engineering  
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105

OWNER/DEVELOPER: SECURITY DEVELOPMENT CORPORATION, P.O. BOX 417, ELLICOTT CITY, MARYLAND 21043 (410) 465-4244  
 PROJECT: NOTTINGHAM VILLAGE SECTION 3  
 LOCATION: TAX MAP NO. 37, ZONING MAP NO. 37, HOWARD COUNTY, MARYLAND. L. 1427, F. 284, PARCEL NO. 615  
 TITLE: NOISE MITIGATION PLAN AND STORM DRAIN PLAN  
 DATE: JAN. 2, 1992 / SEPT. 9, 1992  
 PROJECT NO.: 0050  
 DES.: DAM / DRN.: DBT/CAB  
 SCALE: AS SHOWN / DRAWING NO. OF 9

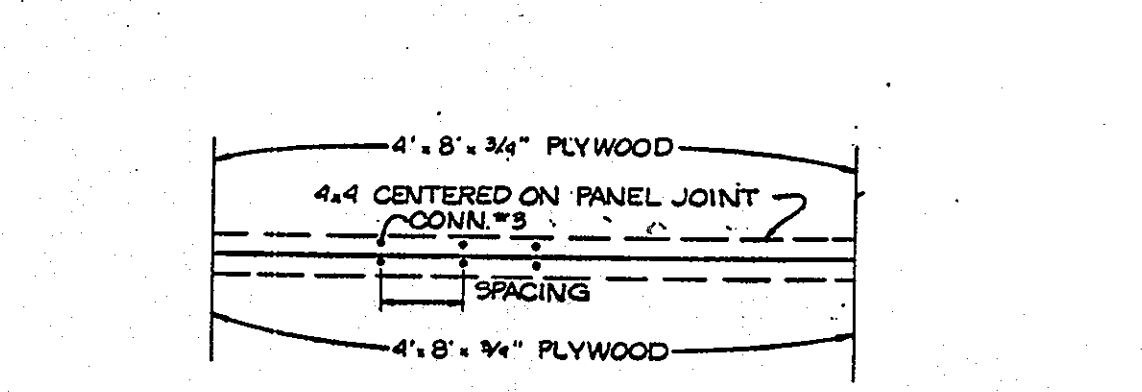


PLAN VIEW COLUMN AND PANEL ASSEMBLY SECTION 'A' (UP TO 12' HIGH)  
 SCALE: 1/2" = 1'

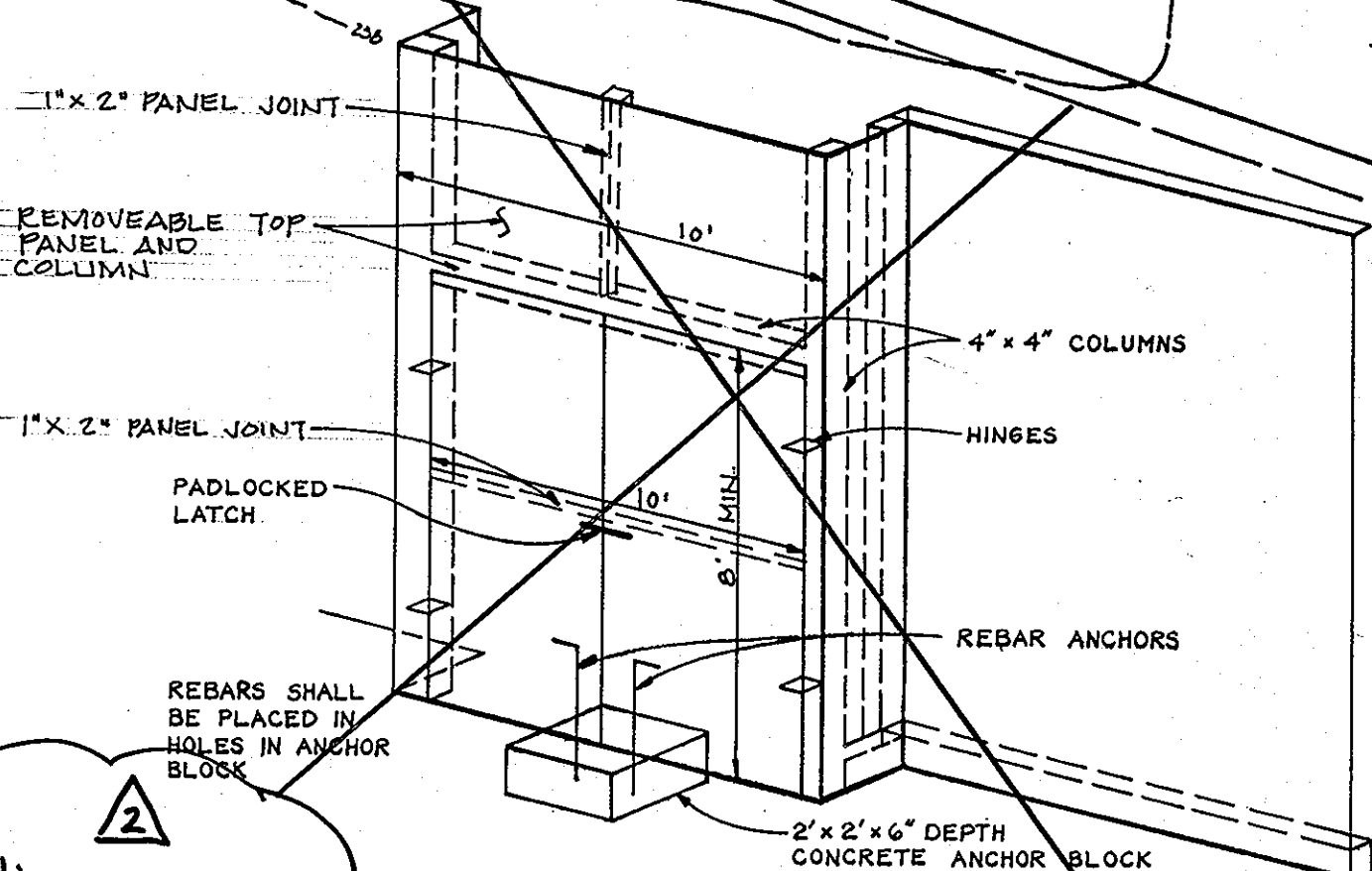


PLAN VIEW COLUMN AND PANEL ASSEMBLY SECTION 'B' (UP TO 26' HIGH)  
 SCALE: 1/2" = 1'

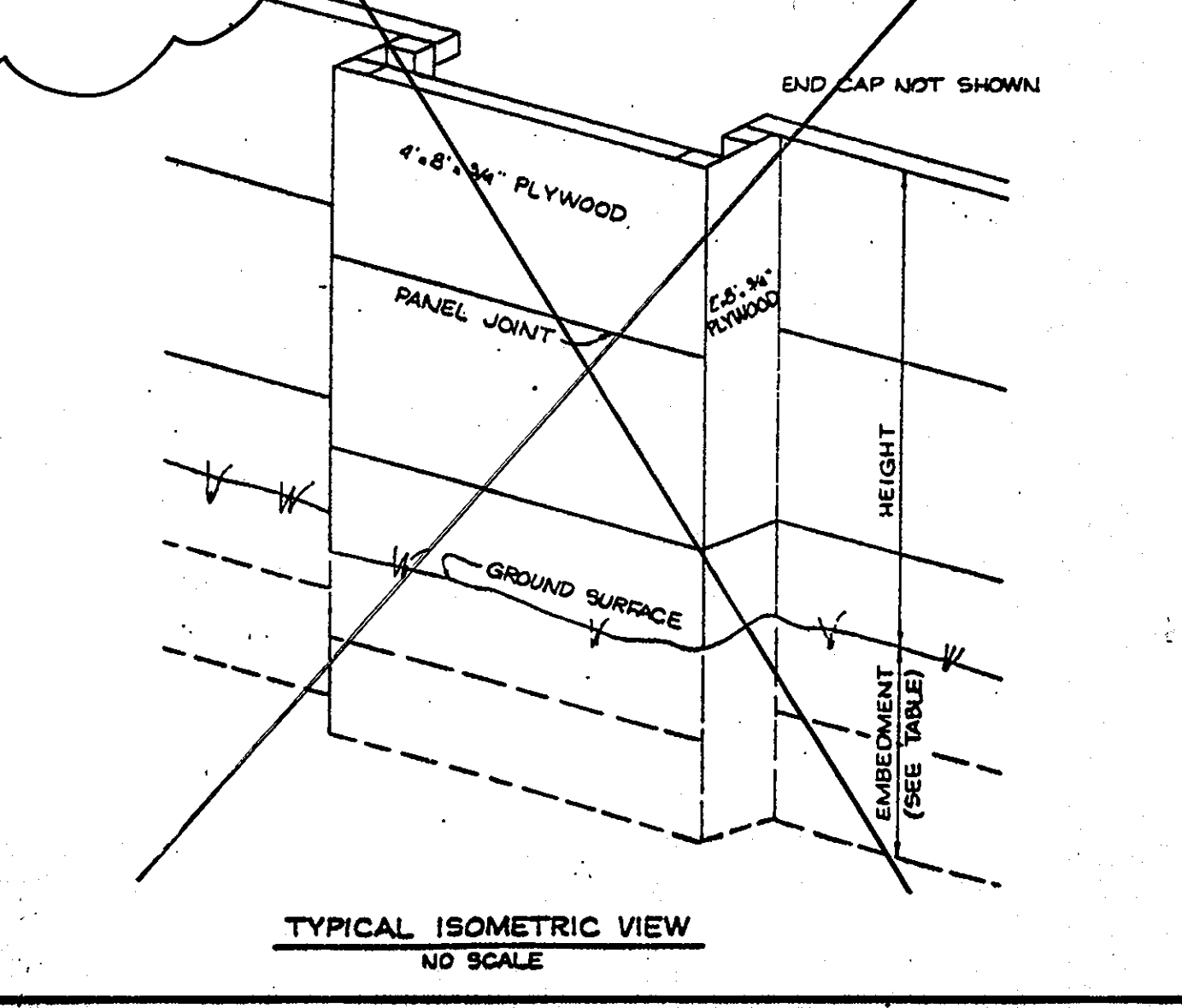
- NOTES:
- 4.4 TO BE CENTERED AT ALL PANEL JOINTS AND INSTALLED FLUSH WITH TOP OR BOTTOM OF WALL.
  - END CAP TO BE LAID HORIZONTALLY AND FASTENED WITH GALVANIZED NAILS, STAGGERED AT 12" O.C.
  - ALL OTHER CONNECTIONS TO BE STANDARD DRYWALL SCREW, 3" MIN. LENGTH AS PER DETAIL AND SPACING TABLE.
  - ALL WOOD TO BE PRESSURE TREATED RATED "GROUND CONTACT".



ELEVATION VIEW TYPICAL PANEL JOINT SECTION 'A' AND 'B'  
 SCALE: 1/2" = 1'

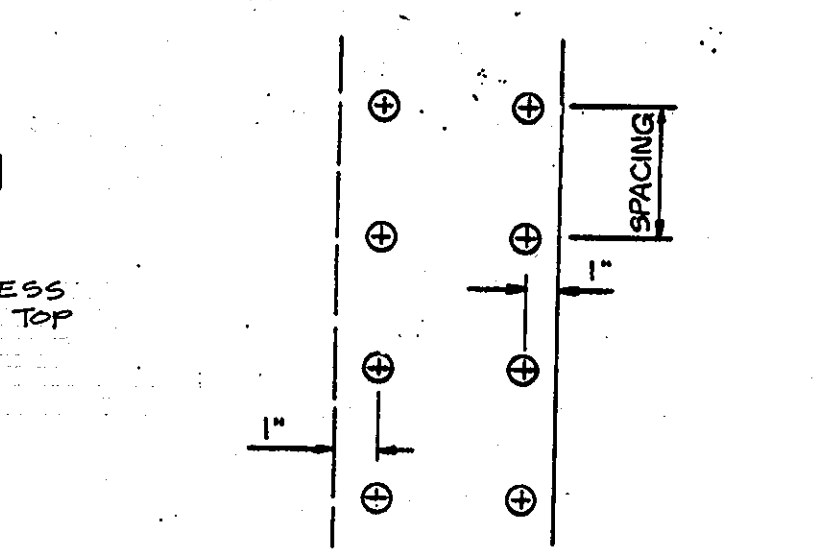


MAINTENANCE ACCESS AND BRIDGING DETAIL  
 NO SCALE  
 NOTE: DOORWAY SHALL PROVIDE ACCESS FOR MINOR MAINTENANCE. TOP PANEL MAY BE REMOVED IF ADDITIONAL HEIGHT TO PASS EQUIPMENT IS REQUIRED.



TYPICAL ISOMETRIC VIEW  
 NO SCALE

- NOTE:
- AREAS TO BE BRIDGED WILL NOT BE EMBEDDED INTO THE GROUND.
  - 4" X 4" COLUMNS SHALL BE PLACED ALONG THE BOTTOM OF EACH PANEL FOR SUPPORT.
  - NO BRIDGING SHALL SPAN MORE THAN TWO PANELS.



DETAIL END CAP PLAN  
 NO SCALE

CONNECTION SPACING TABLE

CONNECTION NO.	MAX. SPACING
1	3"
2	3"
3	12"
4	3"
5	3"

EMBEDMENT TABLE

MAX. HEIGHT	EMBEDMENT
5'	3'
10'	4'
15'	5'
20'	6'
26'	7'

NOTE: NOISE WALL IS TO BE OWNED AND MAINTAINED BY HOMEOWNERS ASSOCIATION.

PLAN  
 SCALE: 1" = 50'

Existing fence will be removed and hauled off and replaced with Superior Concrete Products precast concrete Post and Panel Modular wall consisting of 5000 psi reinforced precast concrete per shop drawings and calculations.



