

APPROVED FOR PUBLIC WATER, AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT

*Joseph M. Boudreau* 12/14/97  
HOWARD COUNTY HEALTH OFFICER, OR  
DATE

DEVELOPERS CERTIFICATE

I 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 NATURAL RESOURCE CONSERVATION SERVICE.

*John R. Koblentz* 11/17/97  
SIGNATURE OF DEVELOPER  
DATE

PRINTED NAME OF DEVELOPER

ENGINEER'S CERTIFICATE

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 NATURAL RESOURCE CONSERVATION SERVICE.

*R. Jacob Hikmat* 11/18/97  
SIGNATURE OF ENGINEER  
DATE

PRINTED NAME OF ENGINEER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*Cheryl Simmons* 12/11/97  
USDA - NATURAL RESOURCE CONSERVATION SERVICE  
DATE

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

*John R. Koblentz* 12/1/97  
HOWARD SOIL CONSERVATION DISTRICT  
DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*John W. ...* 12/5/97  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
DATE

*Cathy Hamilton* 12/11/97  
CHIEF, DIVISION OF LAND DEVELOPMENT  
DATE

*James ...* 12/11/97  
DATE

- LEGEND:**
- PAVEMENT AREA - PHASE 2
  - PROP. SIDEWALK
  - LIMIT OF DISTURBANCE
  - STABILIZES CONSTRUCTION ENTRANCE
  - INLET PROTECTION
  - PARKING SPA. FOR REC. CENTER
  - PARKING SPA. FOR FUTURE HOMES

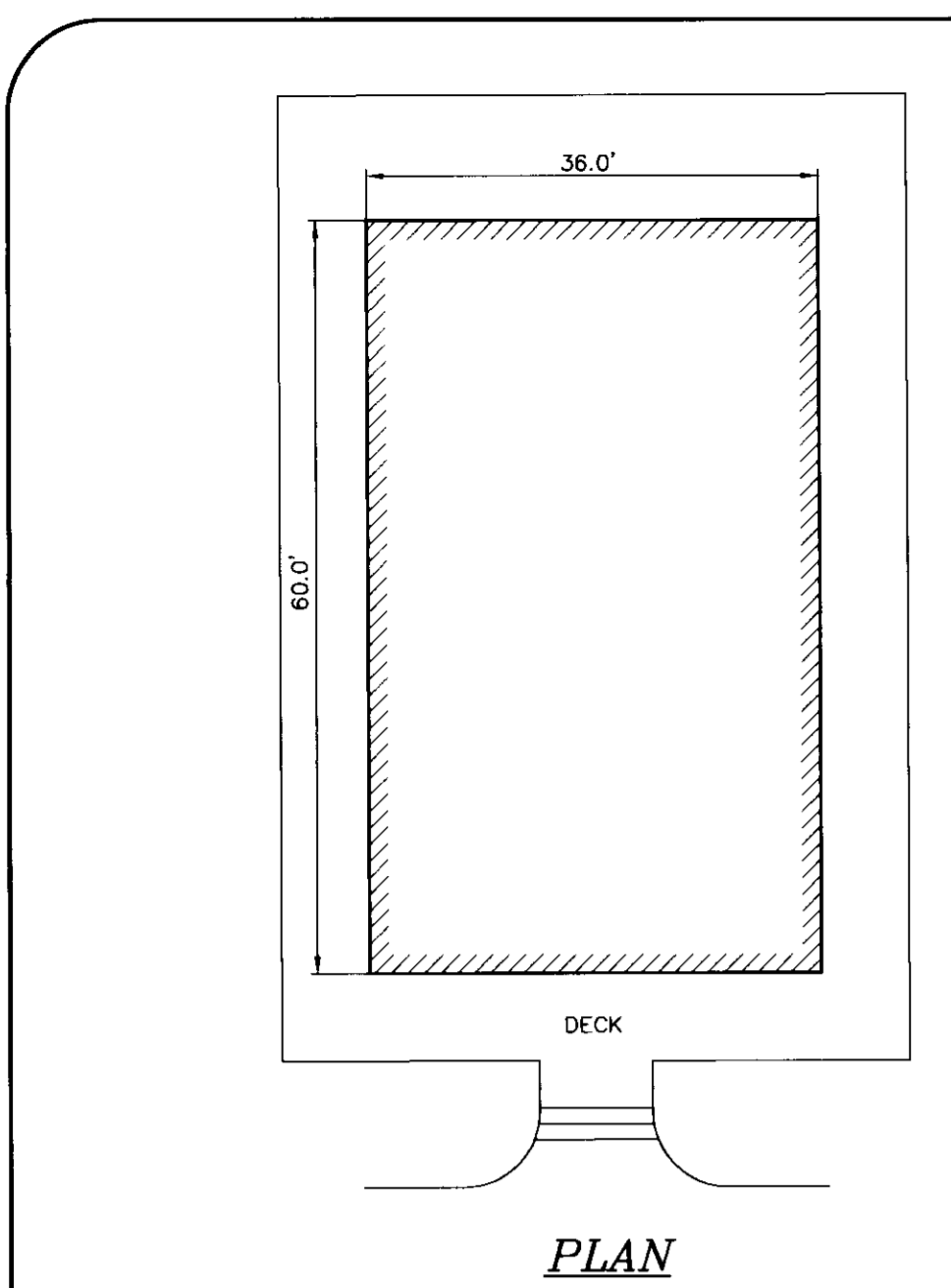
OWNER/DEVELOPER  
RTE 175 LLC  
C/O ROCK REALTY, INC.  
25 MAIN STREET  
REISTRETOWN, MARYLAND 21136  
(410) 526-4030

Project	94044	date	AUG. 97
Illustration	MMP	engineering	MMP
scale	1"=30'	approval	RJH

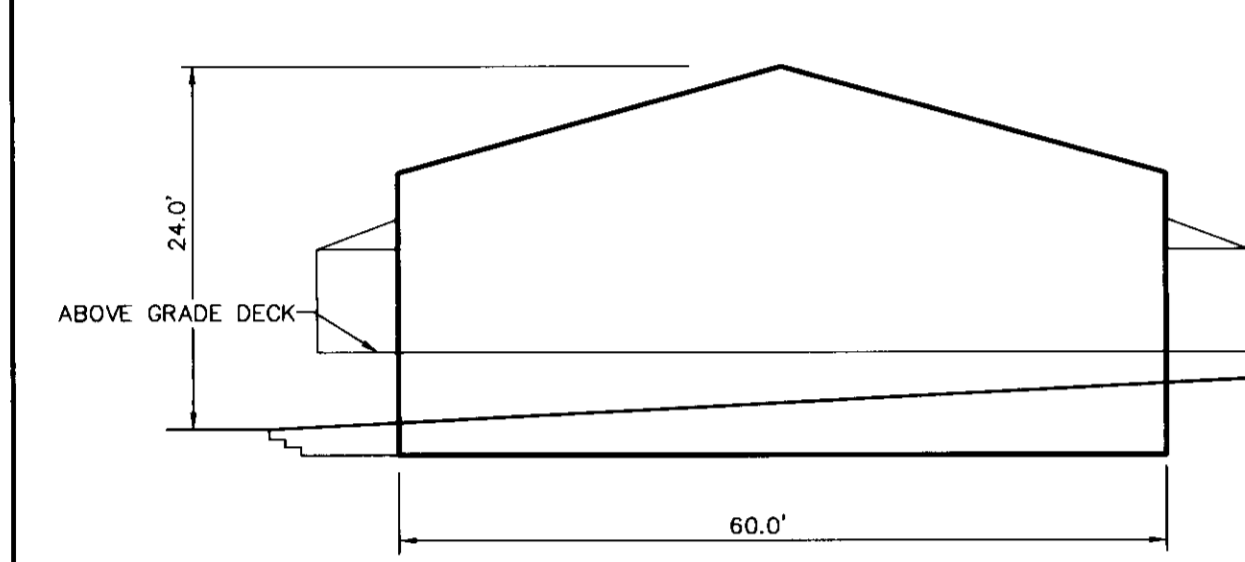
no.	description	date

TAX MAP 43, PART OF PARCEL 4  
**NEW COLONY VILLAGE - PHASE 2**  
HOWARD COUNTY, MARYLAND  
1ST ELECTION DISTRICT  
GRADING AND SITE PLAN

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hill Drive, Suite 202, Ellicott City, Maryland, 21042  
(410) 987-0236 Fax, (301) 621-5521 Wash. (410) 987-0238 Fax

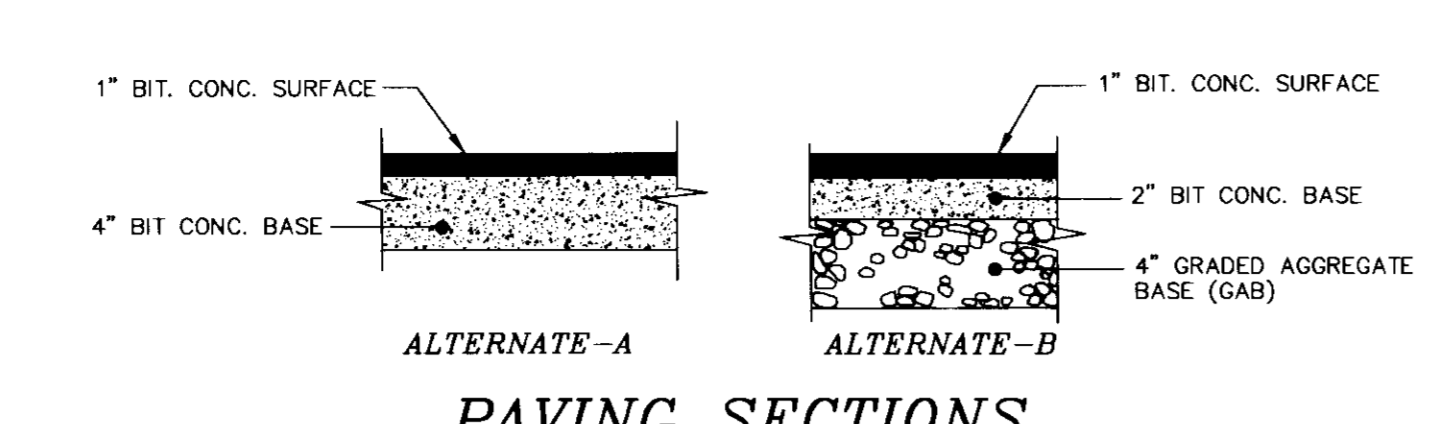


PLAN

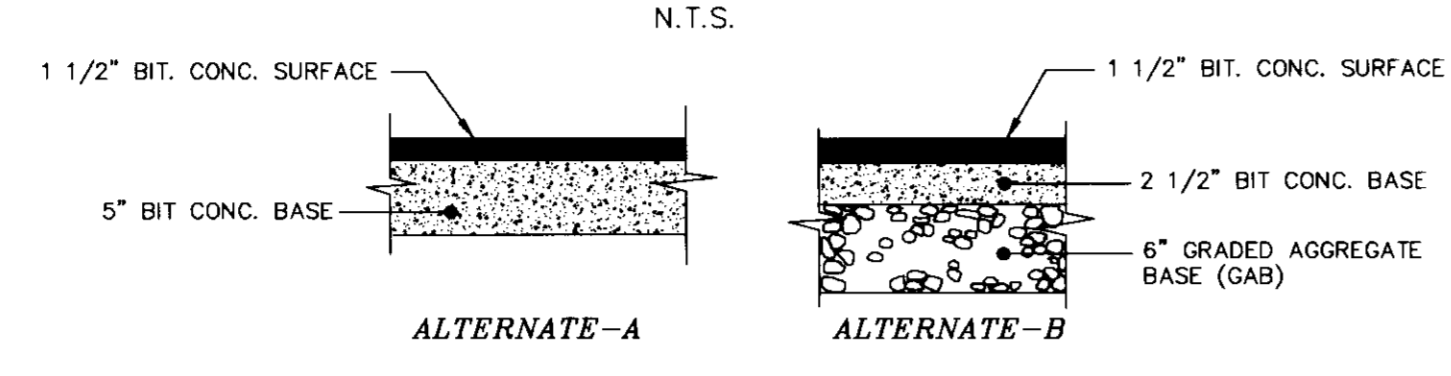


PROFILE

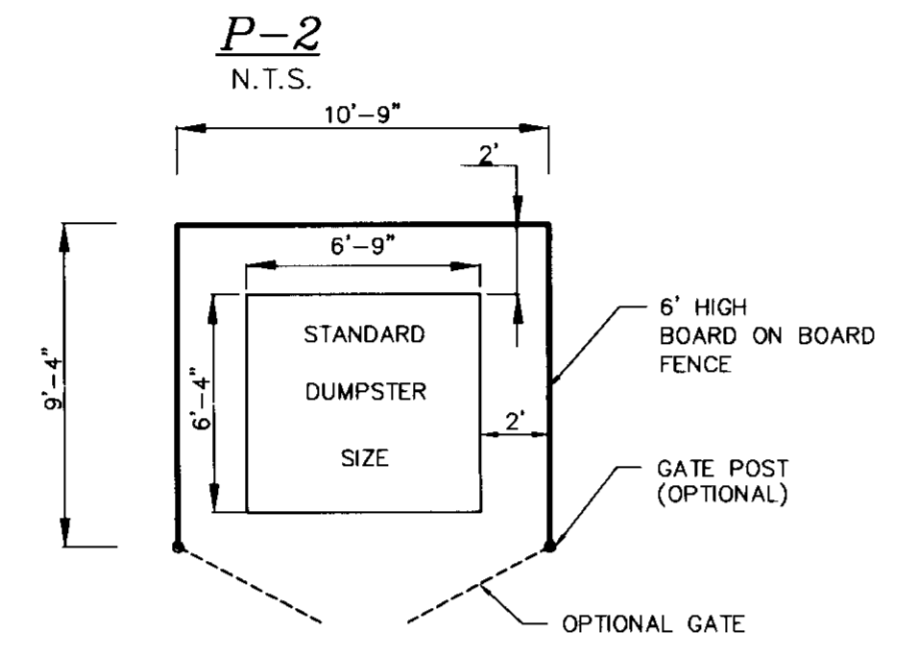
RECREATION CENTER



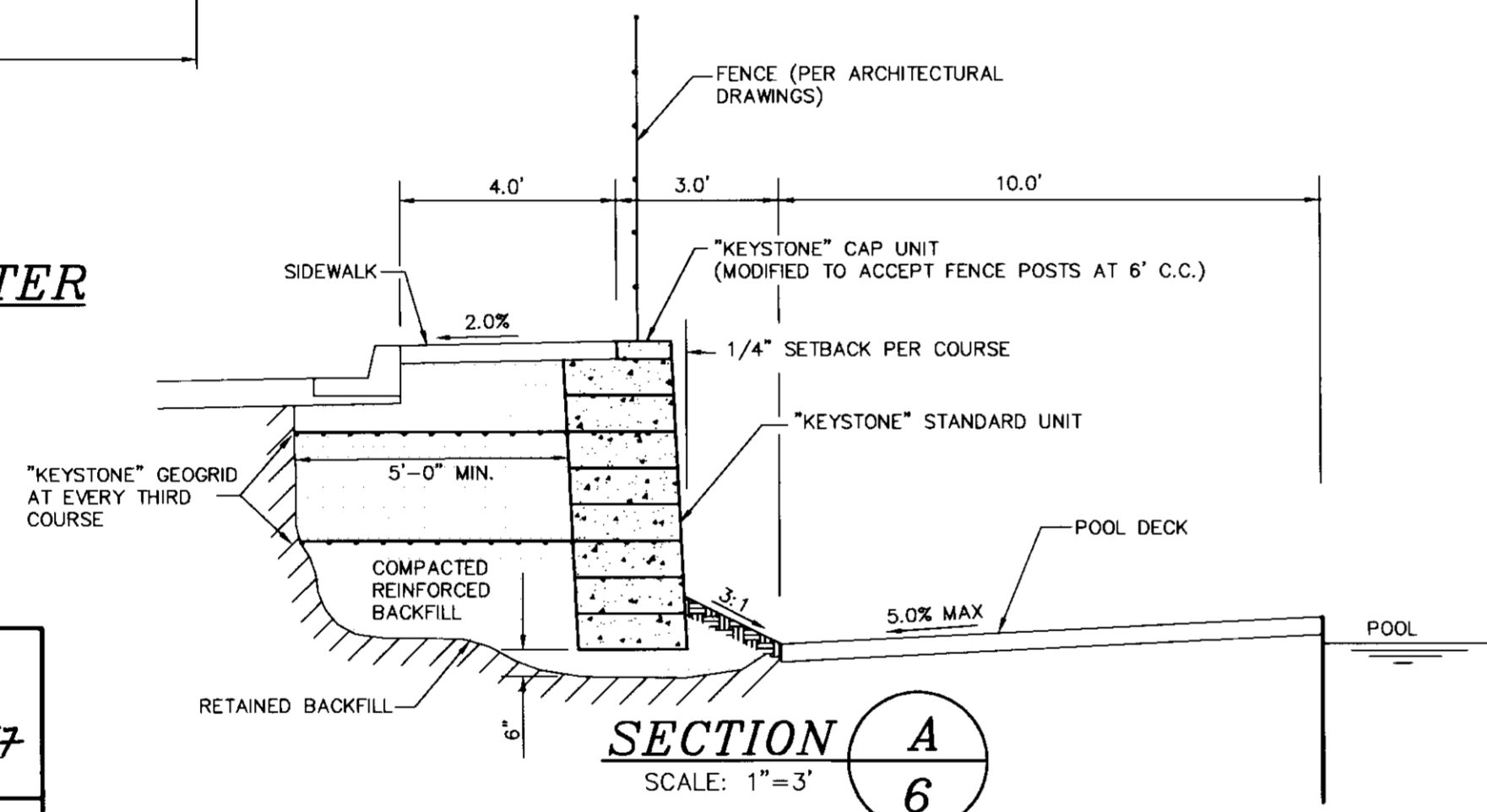
PAVING SECTIONS P-1



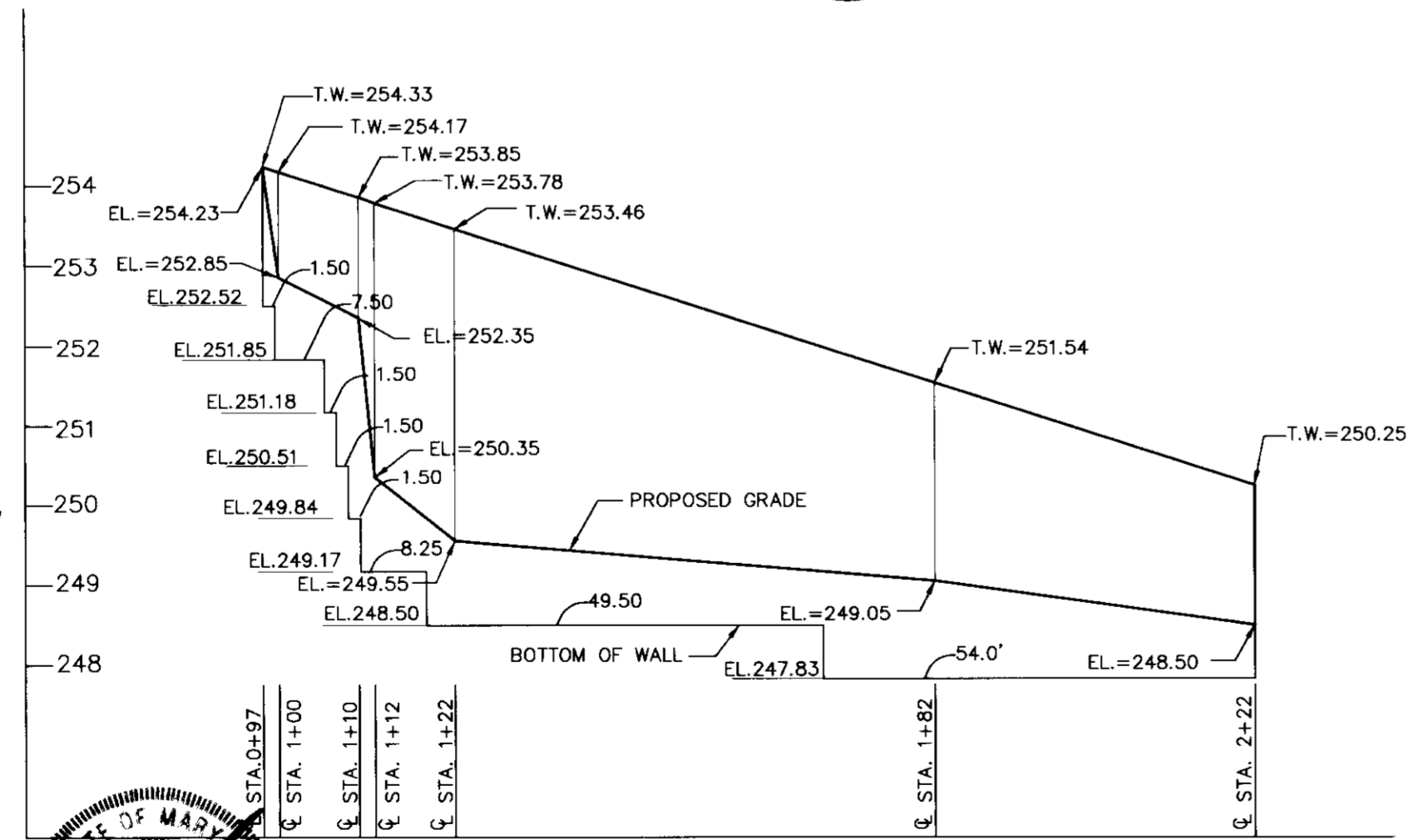
PAVING SECTIONS P-2



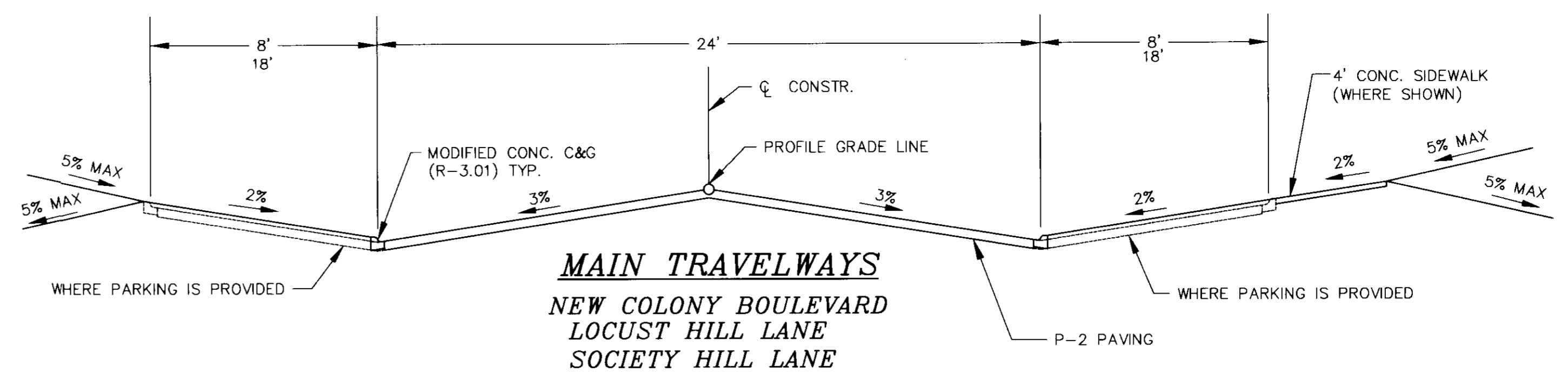
SOLID WASTE CONTAINER ENCLOSURE (TYP.)



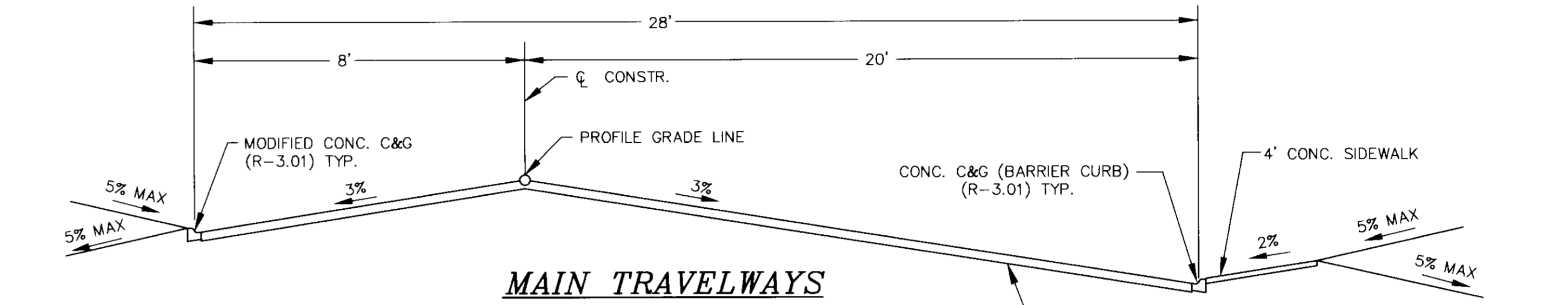
SECTION A SCALE: 1"=3'



RETAINING WALL PROFILE SCALE: HOR: 1"=20' VER: 1"=2'

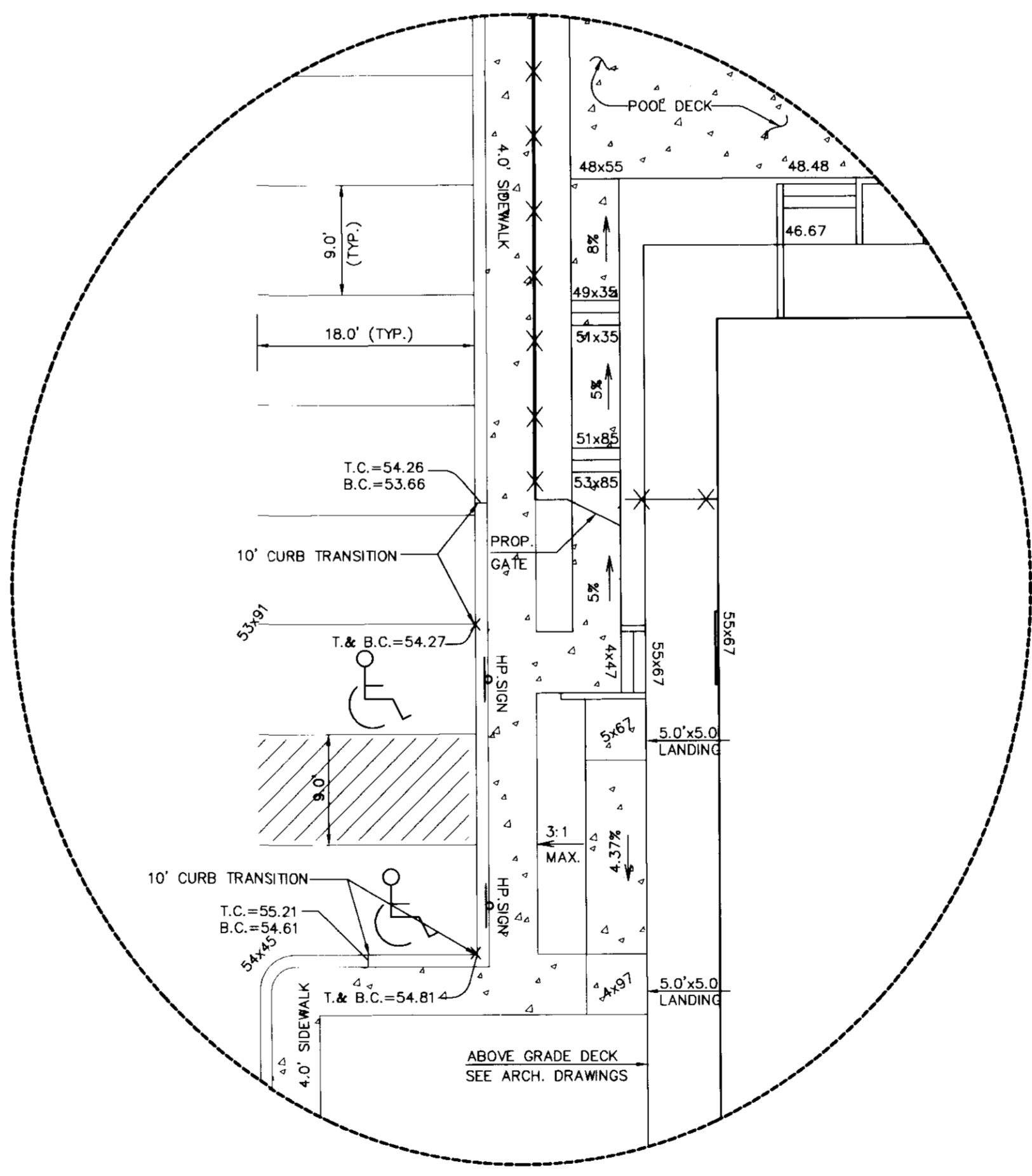


MAIN TRAVELWAYS NEW COLONY BOULEVARD LOCUST HILL LANE SOCIETY HILL LANE

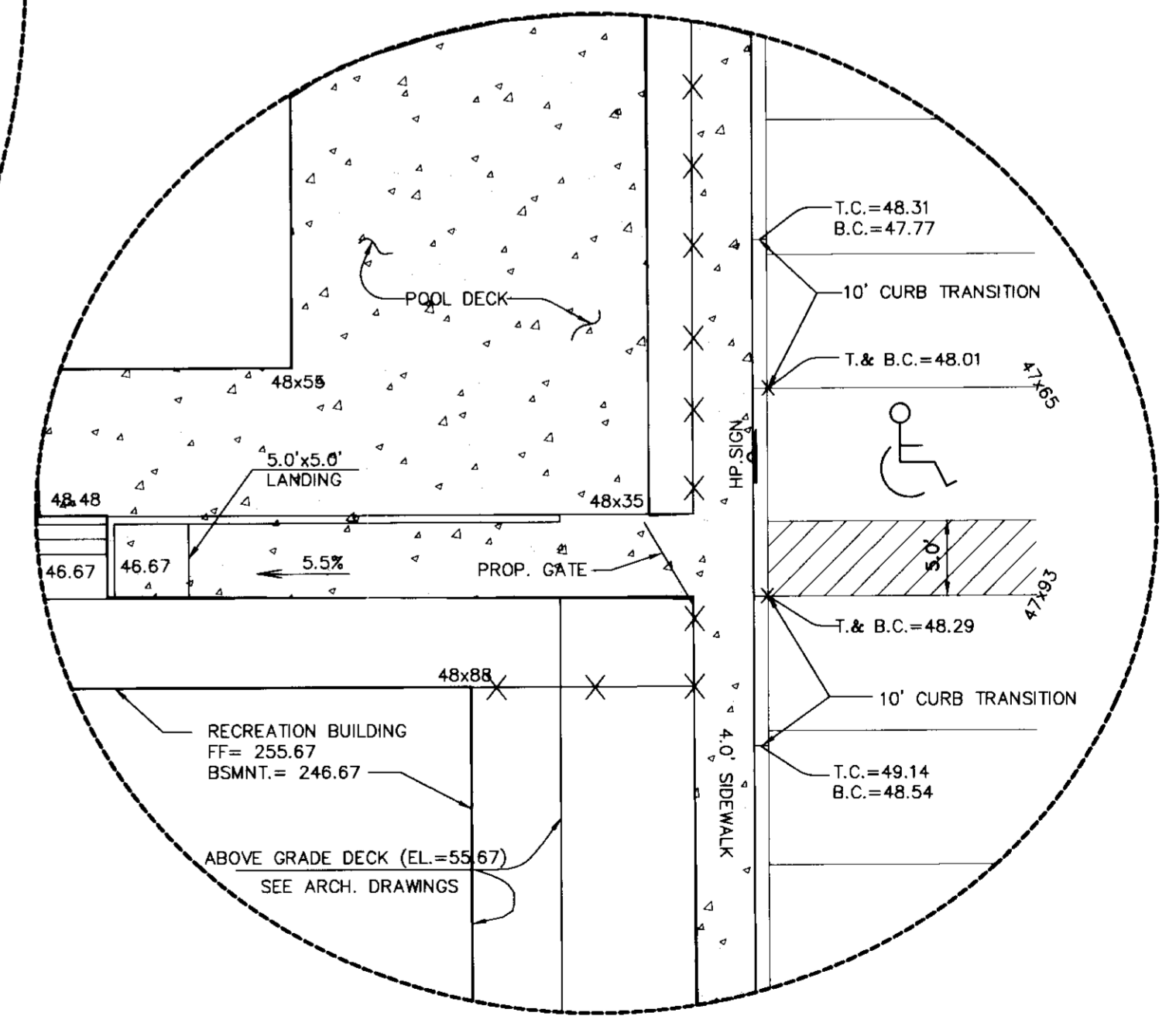


MAIN TRAVELWAYS JUBILEE CIRCLE (STA.0+00 TO STA.0+68) POINT PATIENCE WAY (STA.6+22.87 TO STA.6+90.87)

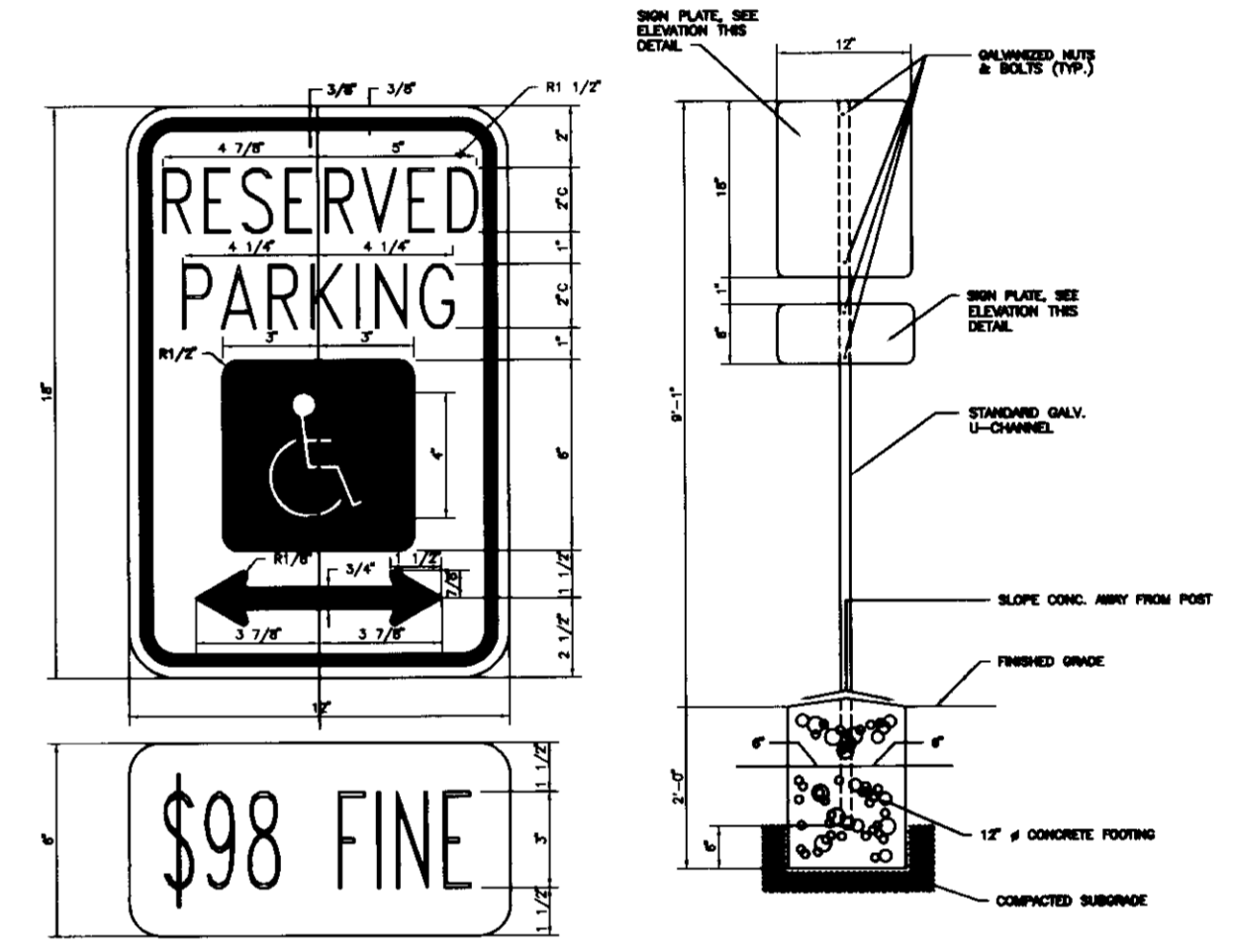
TYPICAL SECTIONS FOR PAVING SECTION SEE STANDARD DETAIL THIS SHEET N.T.S.



DETAIL 1 SCALE: 1"=10'



DETAIL 2 SCALE: 1"=10'



HANDICAPPED SIGN AND POST NOT TO SCALE

APPROVED FOR PUBLIC WATER, AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

*Joyce M. Boudreau* 12/4/97  
HOWARD COUNTY HEALTH OFFICER DATE

DEVELOPERS CERTIFICATE

I 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 NATURAL RESOURCE CONSERVATION SERVICE.

*R. Jacob HIKMA* 11/17/97  
SIGNATURE OF DEVELOPER DATE

PRINTED NAME OF DEVELOPER

ENGINEER'S CERTIFICATE

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*R. JACOB HIKMA* 11/18/97  
SIGNATURE OF ENGINEER DATE

PRINTED NAME OF ENGINEER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*Cheryl Simmons* 12/1/97  
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

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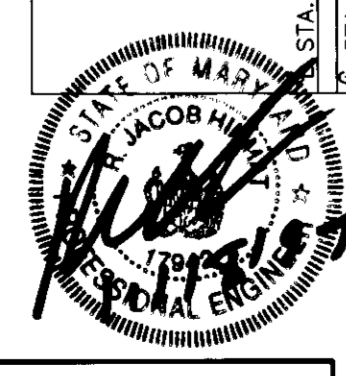
*J. H. Hunter* 12/1/97  
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*Cheryl Simmons* 12/5/97  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*Cathy Hamilton* 12/11/97  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*Jacob Hunter* 12/11/97  
DIRECTOR DATE



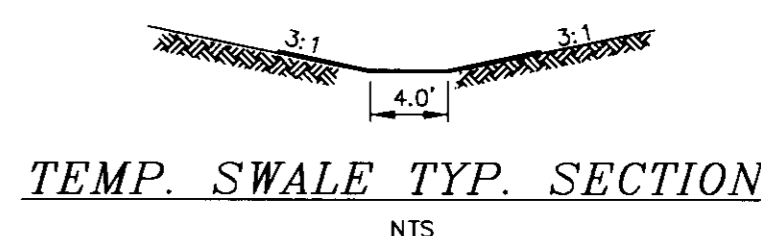
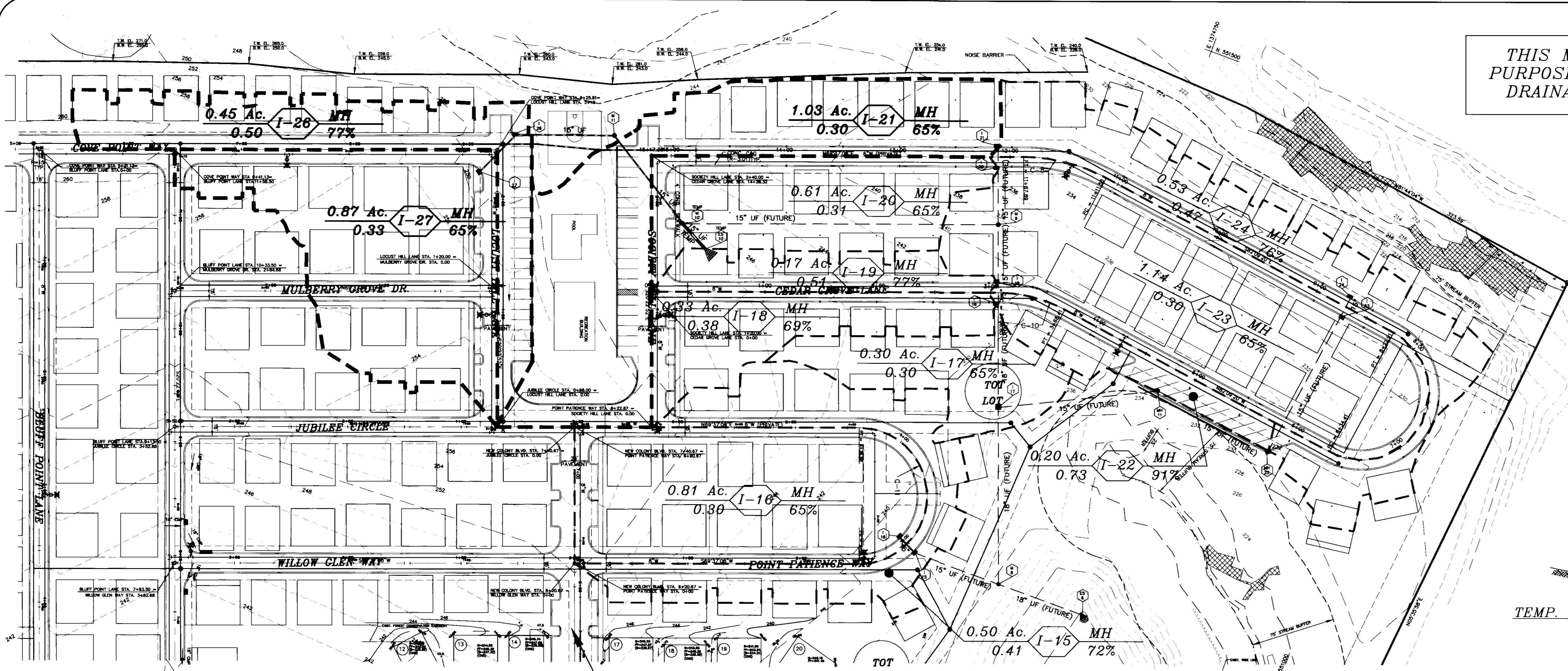
Project	94044	date	AUG 97
Illustration	M.P.	engineering	M.P.
Scale	M.P.	approval	AS SHOWN J.H.

NO.	DESCRIPTION	DATE

TAX MAP 43, PART OF PARCEL 4  
NEW COLONY VILLAGE - PHASE 2  
1ST ELECTION DISTRICT  
HOWARD COUNTY, MD  
CONSTRUCTION DETAILS

MILDENBERG, BOENDER & ASSOC., INC.  
Engineers Planners Surveyors  
5072 Dorsy Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0286, Fax: (301) 621-5321, Wash. (410) 997-0298, Fax

THIS MAP IS FOR THE PURPOSE OF DELINEATING DRAINAGE AREAS ONLY



BEGIN CONSTRUCTION STA. 5+60 NEW COLONY BLVD.

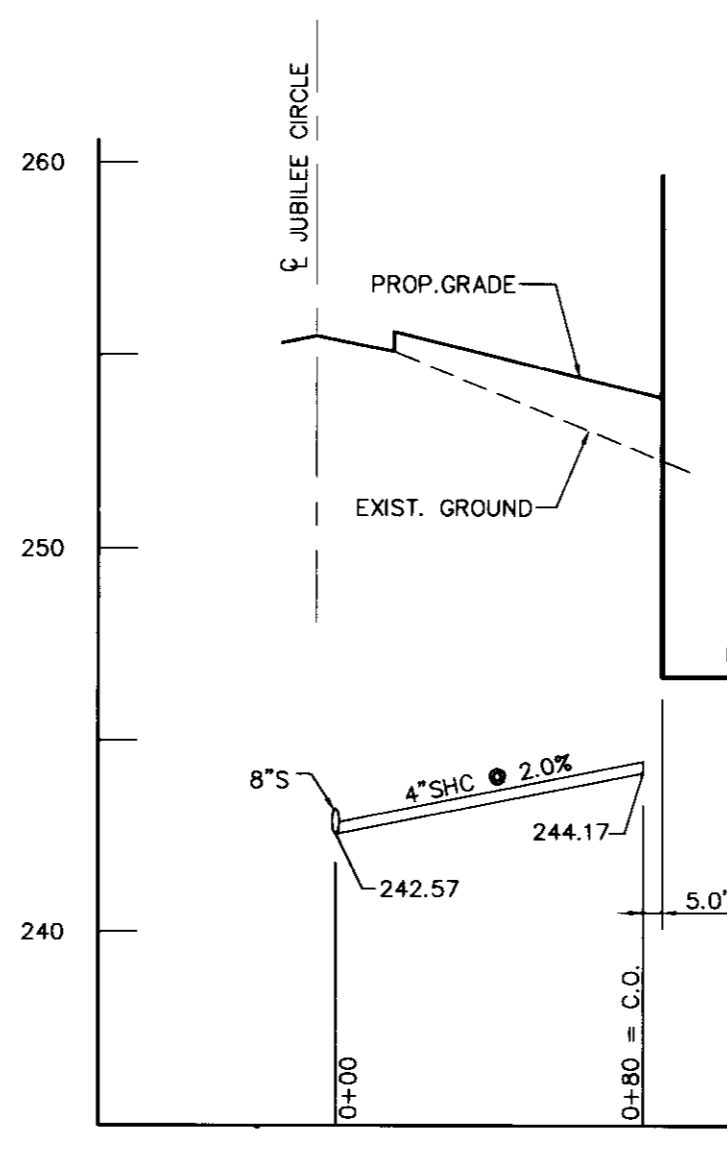
STRUCTURE SCHEDULE

NO.	LOCATION	RIM ELEV.	INV. IN	INV. OUT	COMMENTS
I-26	LOCUST HILL LANE STA 2+58.86 - 17' OFFSET RIGHT	248.81	245.47	245.37	INLET TYPE A-5 (HO. CO. STD SD 4.01) - SUMP
I-27	LOCUST HILL LANE STA 2+25.41 - 15' OFFSET LEFT	249.39	----	246.88	INLET TYPE A-5 (HO. CO. STD SD 4.01) - SUMP
M-10	CEDAR GROVE LANE STA 0+28 - 60' OFFSET LEFT	246.89	240.88	240.78	MANHOLE (HO. CO. STD G 5.01)
M-10	CEDAR GROVE LANE STA 2+57.46 - 33' OFFSET LEFT	245.80	241.97	241.87	MANHOLE (HO. CO. STD G 5.01)
ES-10	CEDAR GROVE LANE - 48' OFFSET LEFT	----	240.07	----	15" Ø TEMPORARY END SECTION (HO. CO. STD. D 5.61)

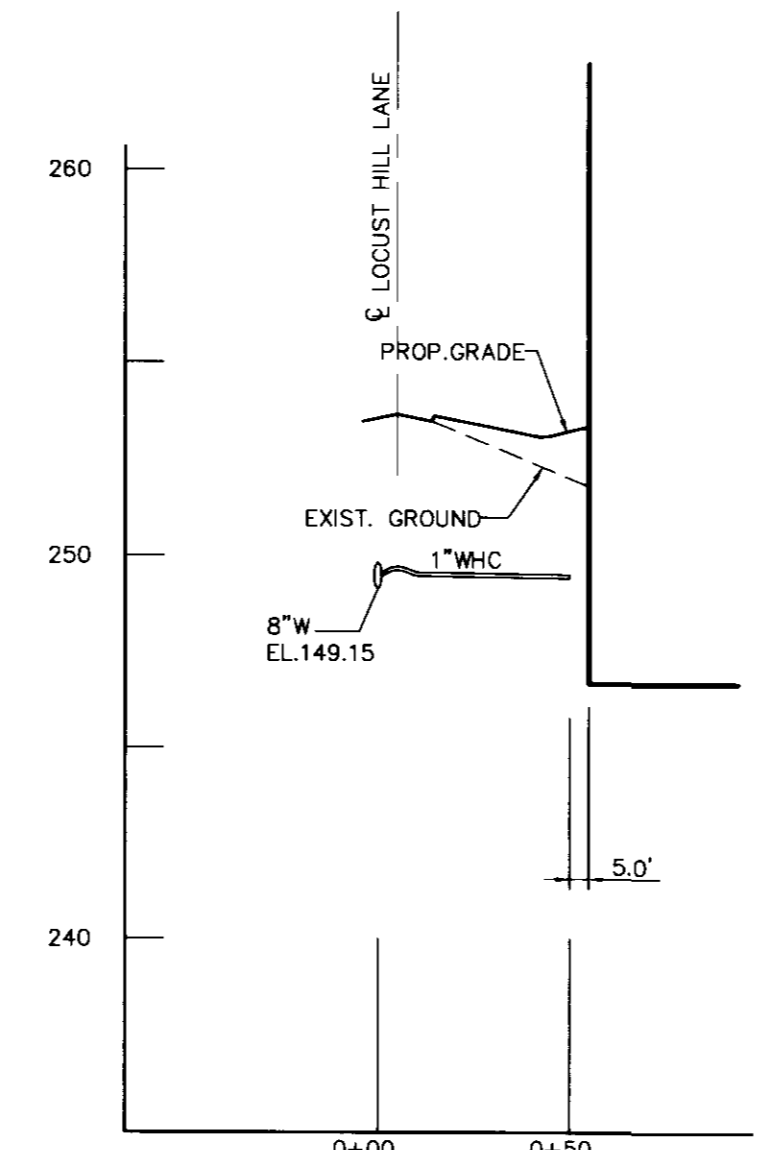
NOTE: ALL DIMENSIONS MEASURED TO CENTER OF SUMP INLETS AND MANHOLES AND TO DOWNSTREAM SIDE OF INLETS ON GRADE. FOR INLETS, RIM ELEVATION REFERS TO TOP OF CURB ELEVATION

ULTRA-FLOW PIPE REFERENCE SPECIFICATIONS

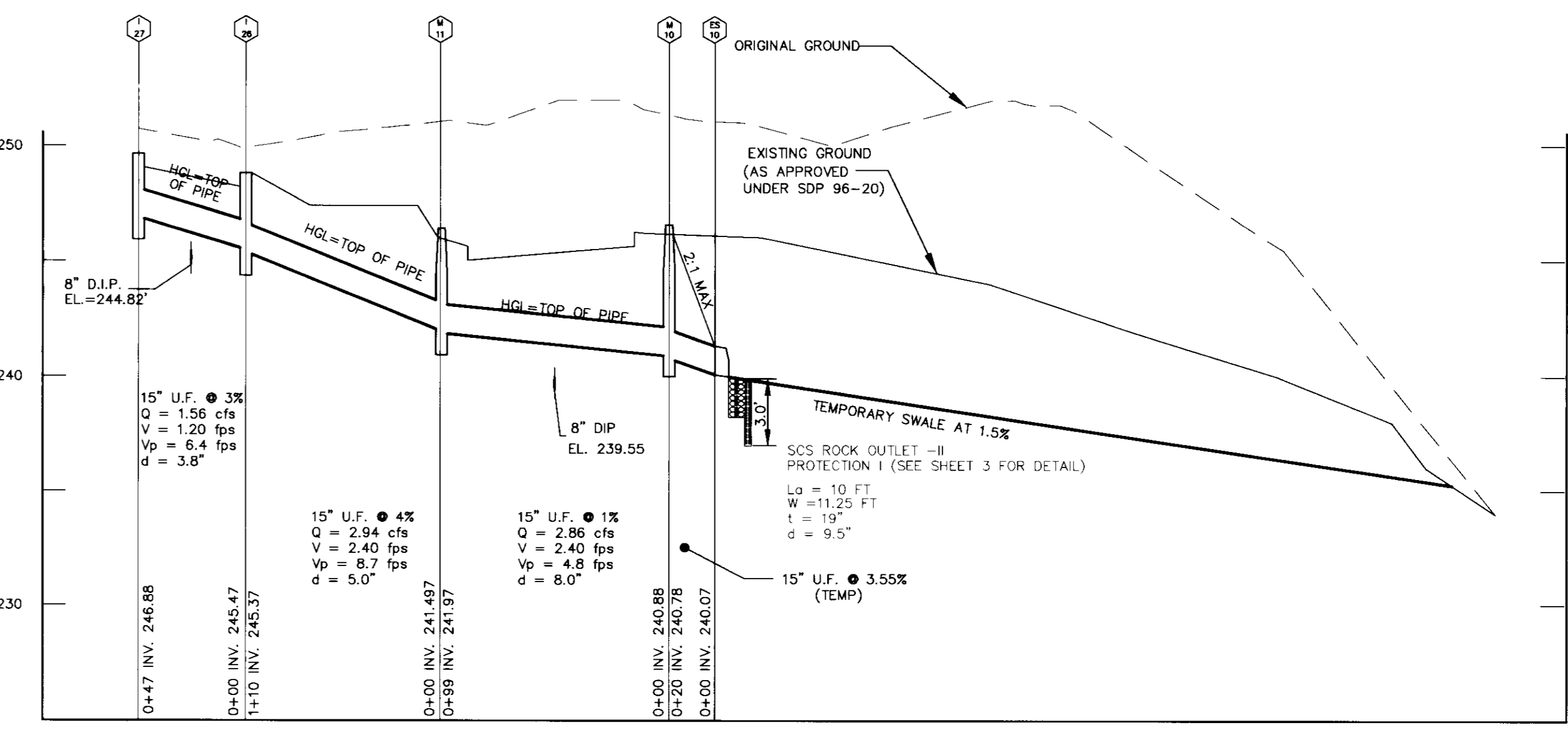
MATERIAL	ALUMINIZED STEEL Type 2	AASHTM M274
PIPE	STEEL	ASTM A760
DESIGN	STEEL	ASTM A796
INSTALLATION	STEEL	ASTM A798



4" SHC PROFILE  
SCALE: 1"=50' HOR  
1"=5' VER



1" WHC PROFILE  
SCALE: 1"=50' HOR  
1"=5' VER



STORM DRAIN PROFILE  
SCALE: 1"=50' HOR  
1"=5' VER

APPROVED FOR PUBLIC WATER, AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT

*James M. [Signature]* 12/4/97  
HOWARD COUNTY HEALTH OFFICER, DC DATE

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*[Signature]* 10/1/99  
SIGNATURE OF ENGINEER DATE

**R. JACOB HIKMAT**  
PRINTED NAME OF ENGINEER

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*[Signature]* 12/1/97  
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*[Signature]* 12/3/97  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*[Signature]* 12/11/97  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*[Signature]* 12/1/97  
DIRECTOR DATE



Project no. 94044  
date AUG. 97  
illustration engineering  
M.P.  
scale 1"=50'  
approval J.S.  
revisions J.H.

TAX MAP 43, PART OF PARCEL 4  
NEW COLONY VILLAGE - PHASE 2  
HOWARD COUNTY  
1ST. ELECTION DISTRICT  
DRAINAGE AREA MAP & STORM DRAIN PROFILE

MILDENBERG, BOENDER & ASSOC., INC.  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland, 21042  
(410) 997-0266 Ext. (301) 621-5521 Wash. (410) 997-0268 Fax

5 OF 7  
SDP-97-88



**HOWARD SOIL CONSERVATION DISTRICT**  
**PERMANENT SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- 1) PREFERRED - APPLY 2 TONS PER ACRES DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.).
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE 1.4 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (0.5 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) - 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE SOO. OPTION (3) - SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**TEMPORARY SEEDING NOTES**

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, FOR NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU OCTOBER 15, SEED WITH 3 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU NOVEMBER 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OR USE SOO.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED WEED FREE SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. FOR ADDITIONAL RATES AND METHODS NOT COVERED.

**HOWARD SOIL CONSERVATION DISTRICT**  
**STANDARD SEDIMENT CONTROL NOTES**

- 1) A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (313-1855).
- 2) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND REVISIONS THERETO.
- 3) FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4) ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- 5) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC.51), SOO (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC.52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 6) ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 7) SITE ANALYSIS:  
TOTAL AREA OF SITE: 1.44 ± ACRES  
AREA DISTURBED: 2.02 ± ACRES  
AREA TO BE ROOFED OR PAVED: 0.95 ± ACRES  
AREA TO BE VEGETATIVELY STABILIZED: 1.81 ± ACRES  
TOTAL CUT: 1,600 CU. YDS.  
TOTAL FILL: 1,600 CU. YDS.  
TOTAL WASTE/BORROW AREA LOCATION
- 8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- 9) ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 10) ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE INTERFERED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- 11) TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

**SEQUENCE OF CONSTRUCTION**

1. OBTAIN GRADING PERMIT.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE (1 DAY).
3. INSTALL TREE PROTECTION FENCE AS INDICATED (1 DAY).
4. CLEAR AND GRUB AREAS FOR SEDIMENT CONTROL FEATURES. CONSTRUCT SILT FENCE WHERE INDICATED (1 DAY).
5. CLEAR SITE PER LIMIT INDICATED (2 DAYS).
6. CONSTRUCT SITE TO GRADES INDICATED ON THE PLANS AND CONSTRUCT STORM DRAIN SYSTEM AND UTILITIES. CONSTRUCT INLET PROTECTION PER DETAIL (7 DAYS).
7. STABILIZE ALL RIGHT OF WAY AREAS WITH PERMANENT SEEDING (1 DAY).
8. INSPECT ALL SEDIMENT CONTROL DEVICES DAILY AND AFTER EACH RAINFALL, REPAIR AS NECESSARY.
9. WHEN ALL CONTRIBUTING AREAS TO SEDIMENT CONTROL DEVICES HAVE BEEN PERMANENTLY STABILIZED, AND AFTER THE APPROVAL OF THE INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES, GRADE AREAS DISTURBED, AND PROVIDE PERMANENT SEED AND MULCH (2 DAYS).
10. CONTRACTOR SHALL REMOVE SEDIMENT AND FLUSH STORM DRAIN SYSTEM AT END OF CONSTRUCTION PERIOD (1 DAY).
11. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN  
A) 7 CALENDAR DAYS FOR ALL PERIMETER SLOPES AND GREATER THAN 3:1.  
B) 14 CALENDAR DAYS FOR ALL OTHER DISTURBED AREAS ON THE PROJECT SITE.

**NOTE:**

**EXISTING EROSION AND SEDIMENT CONTROL MEASURES APPROVED UNDER SDP-96-20 SHALL REMAIN UNTIL THEIR CONTRIBUTING AREAS HAVE BEEN PERMANENTLY STABILIZED. AND PERMISSION IS RECEIVED FROM THE SEDIMENT CONTROL INSPECTOR.**



APPROVED FOR PUBLIC WATER, AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT

*James M. Bondage, Jr.* 12/4/97  
HOWARD COUNTY HEALTH OFFICER, DATE

**DEVELOPER'S CERTIFICATE**

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*Edward J. Lusk* 11/17/97  
SIGNATURE OF DEVELOPER DATE

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R. JACOB HIKMAT  
PRINTED NAME OF ENGINEER

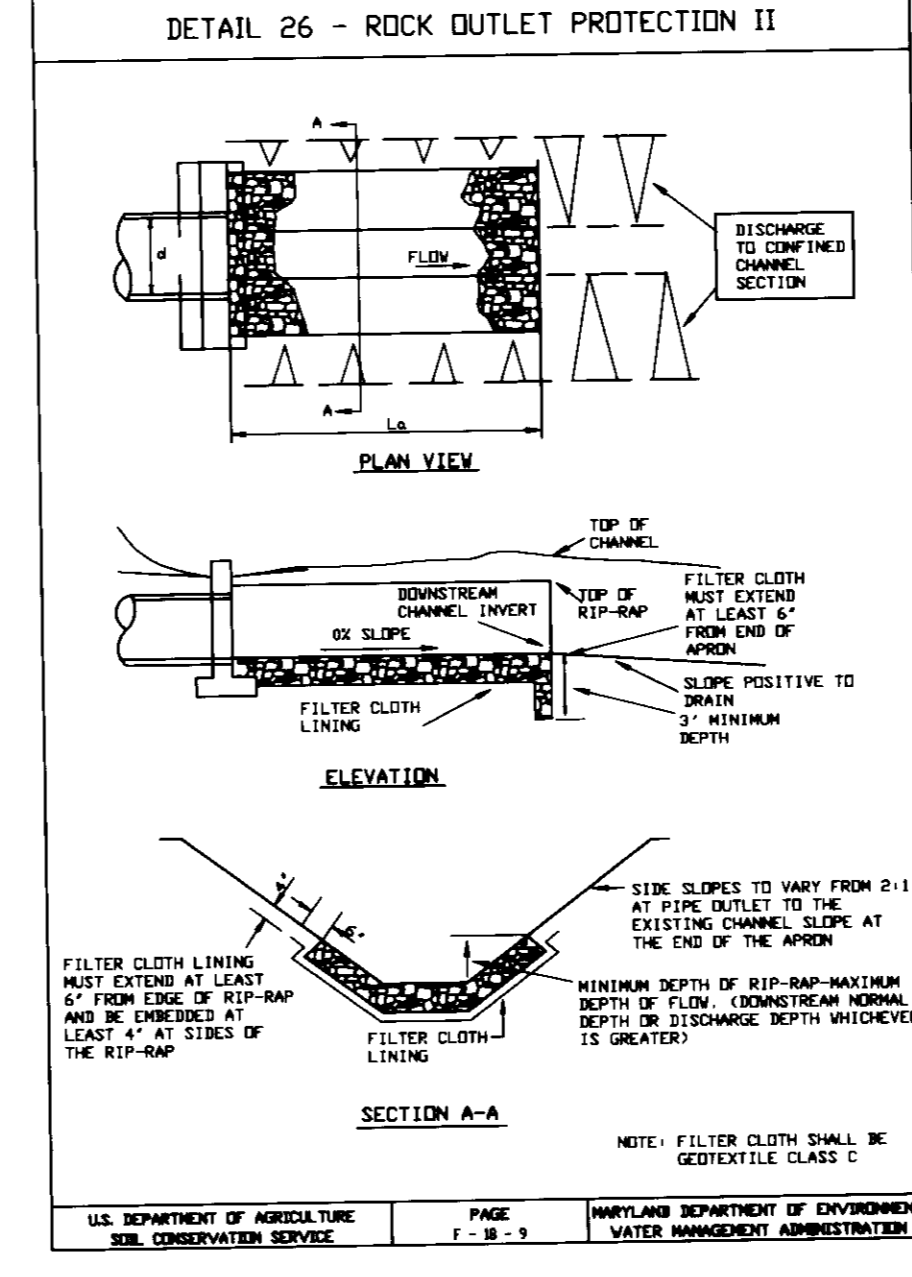
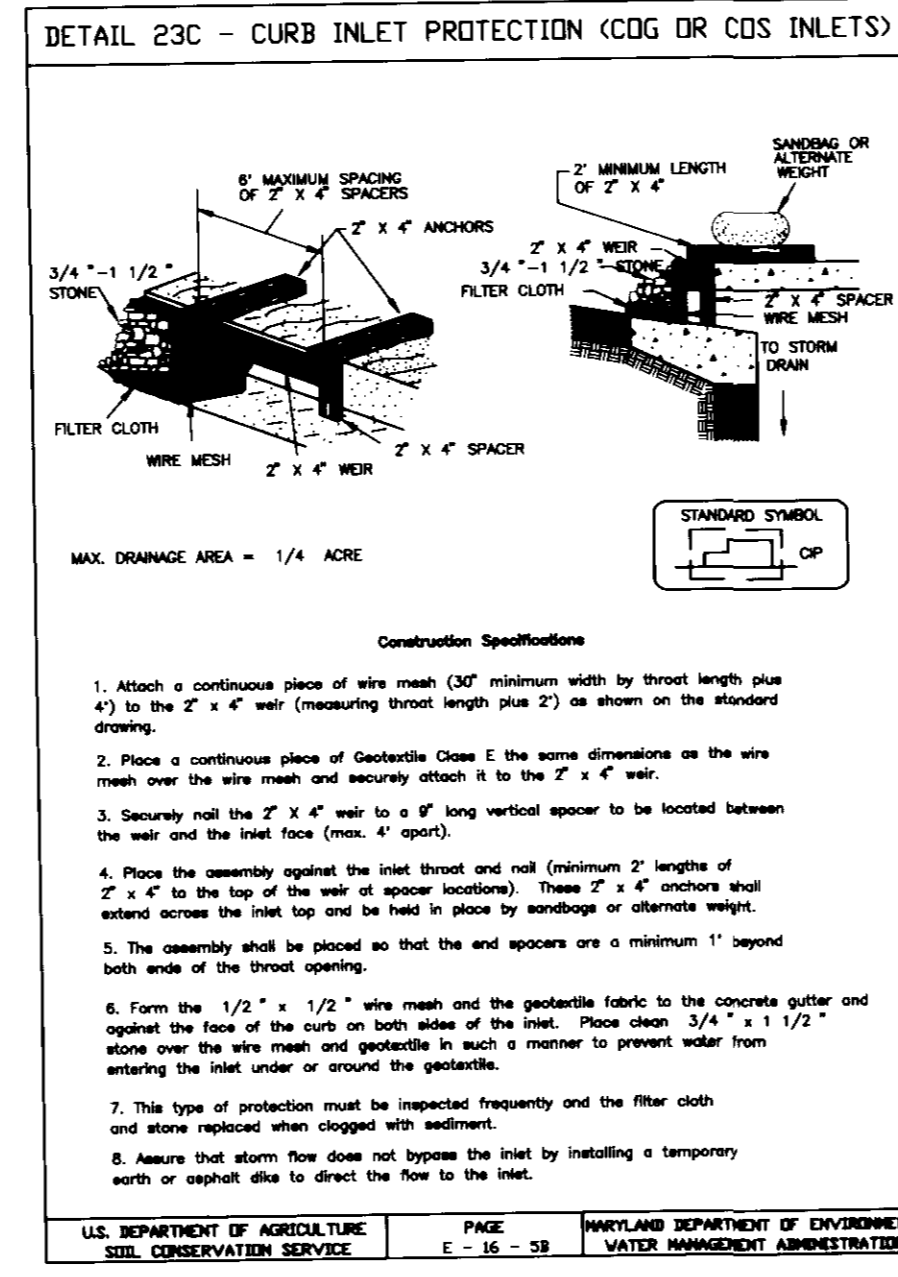
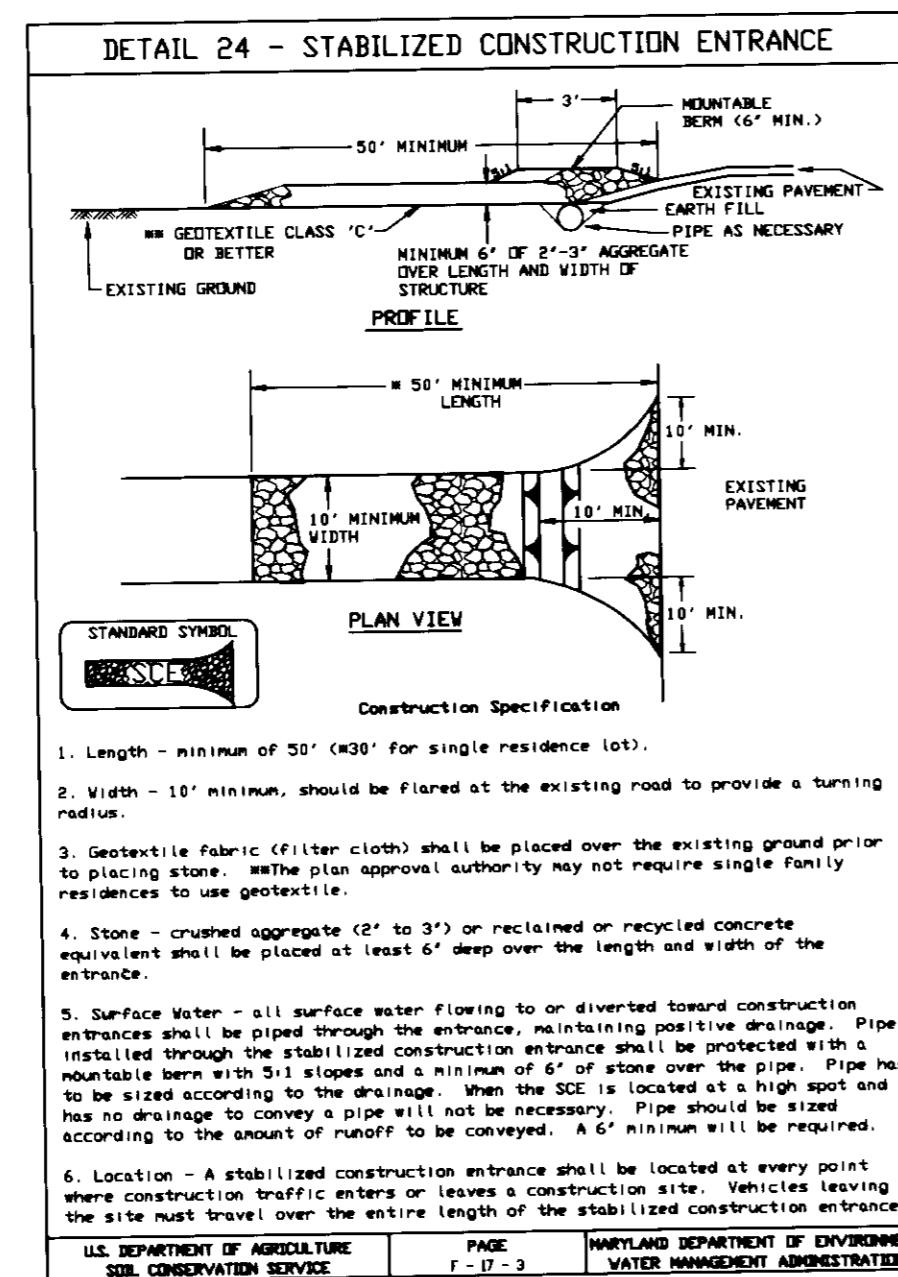
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*Clay Simmons* 12/1/97  
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

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

*John R. Johnston* 12/1/97  
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*John R. Johnston* 12/3/97  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE  
*Cindy Hamilton* 12/1/97  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE  
*John R. Johnston* 12/1/97  
DIRECTOR DATE



project	date
94044	AUG. 97
illustration	engineering
M.P.	M.P.
scale	approval
AS SHOWN	J.H.

no.	description	date
	revisions	

TAX MAP 43, PART OF PARCEL 4  
**NEW COLONY VILLAGE - PHASE 2**  
HOWARD COUNTY, MARYLAND  
1ST ELECTION DISTRICT  
SEDIMENT CONTROL NOTES AND DETAILS

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0286 Fax: (410) 997-0288 Fax

NOTE : THIS PLAN IS TO BE USED ONLY FOR THE PURPOSE OF A LANDSCAPE PLAN.

- NOTES:**
1. SWM BUFFER LANDSCAPING FOR EXISTING POND #3 WAS PROVIDED UNDER SDP-97-03.
  2. NO RESIDENTIAL STRUCTURES COVERED UNDER THIS PHASE. NO INTERNAL LANDSCAPING IS REQUIRED.
  3. NEW COLONY VILLAGE, PHASE II IS LOCATED INTERNALLY. ITS PERIMETER IS NOT COINCIDENT WITH A PROPERTY BOUNDARY. NO PERIMETER EDGE LANDSCAPING IS REQUIRED.
  4. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
  5. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT IN THE AMOUNT OF \$ 7,100.00.

**PLANTING SCHEDULE**

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
35	(Symbol)	ABELIA X GRANDIFLORA	GLOSSY ABELIA	2 1/2" - 3" HT.	
41	(Symbol)	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	2 1/2" - 3" CAL.	
25	(Symbol)	CORNUS STOLONIFERA	RED-OSIER DOGWOOD	2 1/2" - 3" HT.	
10	(Symbol)	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER'	SHADEMASTER THORNLESS HONEY LOCUST	2 1/2" - 3" CAL.	LMB UP TO 7'
10	(Symbol)	PINUS STROBUS	EASTERN WHITE PINE	6" - 8" HT.	
<b>TOTAL</b> 121 PLANTS (51 SHADE TREES, 10 EVERGREENS, 60 SHRUBS)					

**SCHEDULE B :  
NON-RESIDENTIAL PARKING LOT  
INTERNAL LANDSCAPING**

NUMBER OF PARKING SPACES	59
NUMBER OF PLANTING ISLANDS REQUIRED	3
NUMBER OF PLANTING ISLANDS PROVIDED	5
NUMBER OF TREES REQUIRED	3 SHADE TREES
NUMBER OF TREES PROVIDED	3 SHADE TREES 0 SUBSTITUTIONS

**SCHEDULE A : PERIMETER LANDSCAPED EDGE**

CATEGORY	ADJ. TO PERIMETER PROPERTIES
LANDSCAPE TYPE	B (PERIMETERS 1 THRU 8)
LINEAR FEET OF PERIMETER	647 LF
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	NO
CREDIT FOR WALL, FENCE, OR BERM (YES, NO, LINEAR FEET)	NO
NUMBER OF PLANTS REQUIRED	13 SHADE TREES 16 EVERGREEN TREES 0 SHRUBS
NUMBER OF PLANTS PROVIDED	9 SHADE TREES 10 EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION)
	4 SUBSTITUTIONS (8 TREES) 6 SUBSTITUTIONS (60 SHRUBS)

NOTE : DUMPSTER, WHICH REQUIRES A 'D' BUFFER, IS BEING SATISFIED WITH THE PLACEMENT OF A WOODED GATE ENCLOSURE.

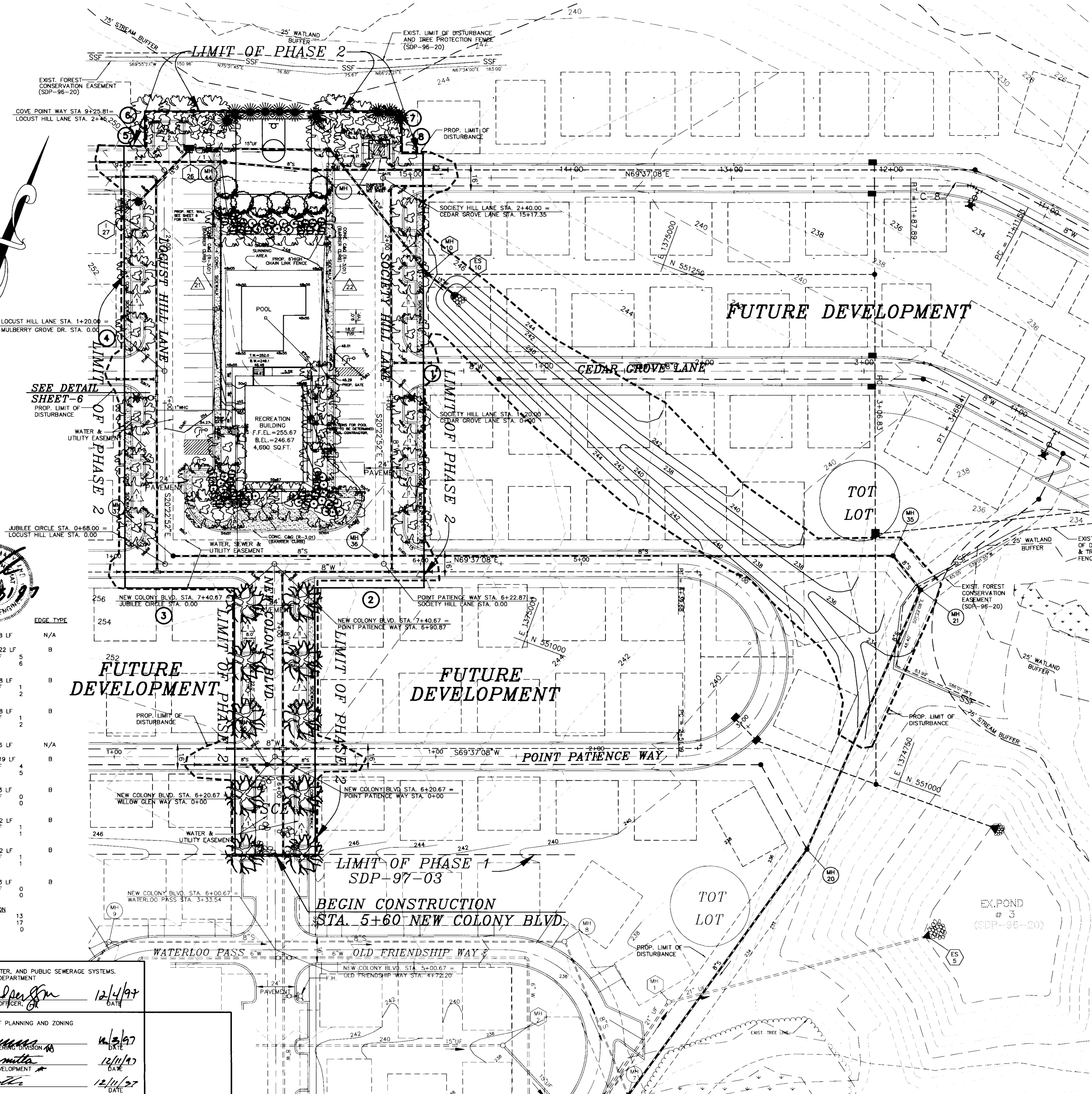
**STREET TREE CALCULATIONS**

NEW COLONY BLVD.	- 346 / 40 = 9
POINT PATIENCE WAY	- 162 / 40 = 4
JUBILEE CIRCLE	- 162 / 40 = 4
LOCUST HILL LANE	- 420 / 40 = 10
SOCIETY HILL LANE	- 420 / 40 = 10
COVE POINT WAY	- 37 / 40 = 1
CEDAR GROVE LANE	- 37 / 40 = 1
<b>TOTAL TREES REQUIRED</b>	<b>= 39 TREES</b>
<b>TOTAL TREES PROVIDED</b>	<b>= 39 TREES</b>

**LEGEND:**

- (Symbol) PAVEMENT AREA - PHASE 2
- (Symbol) PROP. SIDEWALK
- (Symbol) LIMIT OF DISTURBANCE
- (Symbol) PARKING SPA. FOR REC. CENTER
- (Symbol) PARKING SPA. FOR FUTURE HOMES
- (Symbol) PARKING SPA. FOR FUTURE HOMES

OWNER/DEVELOPER  
RT 175 LLC  
C/O ROCK REALTY, INC.  
25 MAIN STREET  
REISTERTOWN, MARYLAND 21136  
(410) 528-4030



**PERIMETER**

PERIMETER	EDGE TYPE
PERIMETER 1	N/A
ROAD ENTRANCES - 48 LF	
NON-RES TO SFD - 222 LF	B
1 SHADE TREE / 50 LF	5
1 EVERGREEN / 40 LF	6
PERIMETER 2	B
NON-RES TO RES - 68 LF	
1 SHADE TREE / 50 LF	1
1 EVERGREEN / 40 LF	2
PERIMETER 3	B
NON-RES TO RES - 68 LF	
1 SHADE TREE / 50 LF	1
1 EVERGREEN / 40 LF	2
PERIMETER 4	N/A
ROAD ENTRANCES - 56 LF	
NON-RES TO SFD - 219 LF	B
1 SHADE TREE / 50 LF	4
1 EVERGREEN / 40 LF	5
PERIMETER 5	B
NON-RES TO RES - 13 LF	
1 SHADE TREE / 50 LF	0
1 EVERGREEN / 40 LF	0
PERIMETER 6	B
NON-RES TO RES - 22 LF	
1 SHADE TREE / 50 LF	1
1 EVERGREEN / 40 LF	1
PERIMETER 7	B
NON-RES TO RES - 22 LF	
1 SHADE TREE / 50 LF	1
1 EVERGREEN / 40 LF	1
PERIMETER 8	B
NON-RES TO RES - 13 LF	
1 SHADE TREE / 50 LF	0
1 EVERGREEN / 40 LF	0
<b>TOTAL PLANTING OBLIGATION</b>	
SHADE TREES	13
EVERGREEN TREES	17
SHRUBS	0

APPROVED FOR PUBLIC WATER, AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT

*James M. Boyd* 12/4/97  
HOWARD COUNTY HEALTH OFFICER

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*Michael...* 12/3/97  
CHIEF, DEVELOPMENT ENGINEERING DIVISION

*Candy Hammit* 12/11/97  
CHIEF, DIVISION OF LAND DEVELOPMENT

*David...* 12/11/97  
DIRECTOR

Project	Date	Illustration	Scale	Approval
94044	AUG. 97	MMP/SSD	1"=90'	

no.	description	revisions	date

TAX MAP 43, PART OF PARCEL 4  
**NEW COLONY VILLAGE - PHASE 2**  
HOWARD COUNTY, MARYLAND  
1ST ELECTION DISTRICT  
**LANDSCAPE PLAN**

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(410) 997-0286 Bldg. (301) 621-5521 West. (410) 997-0298 Fax.