

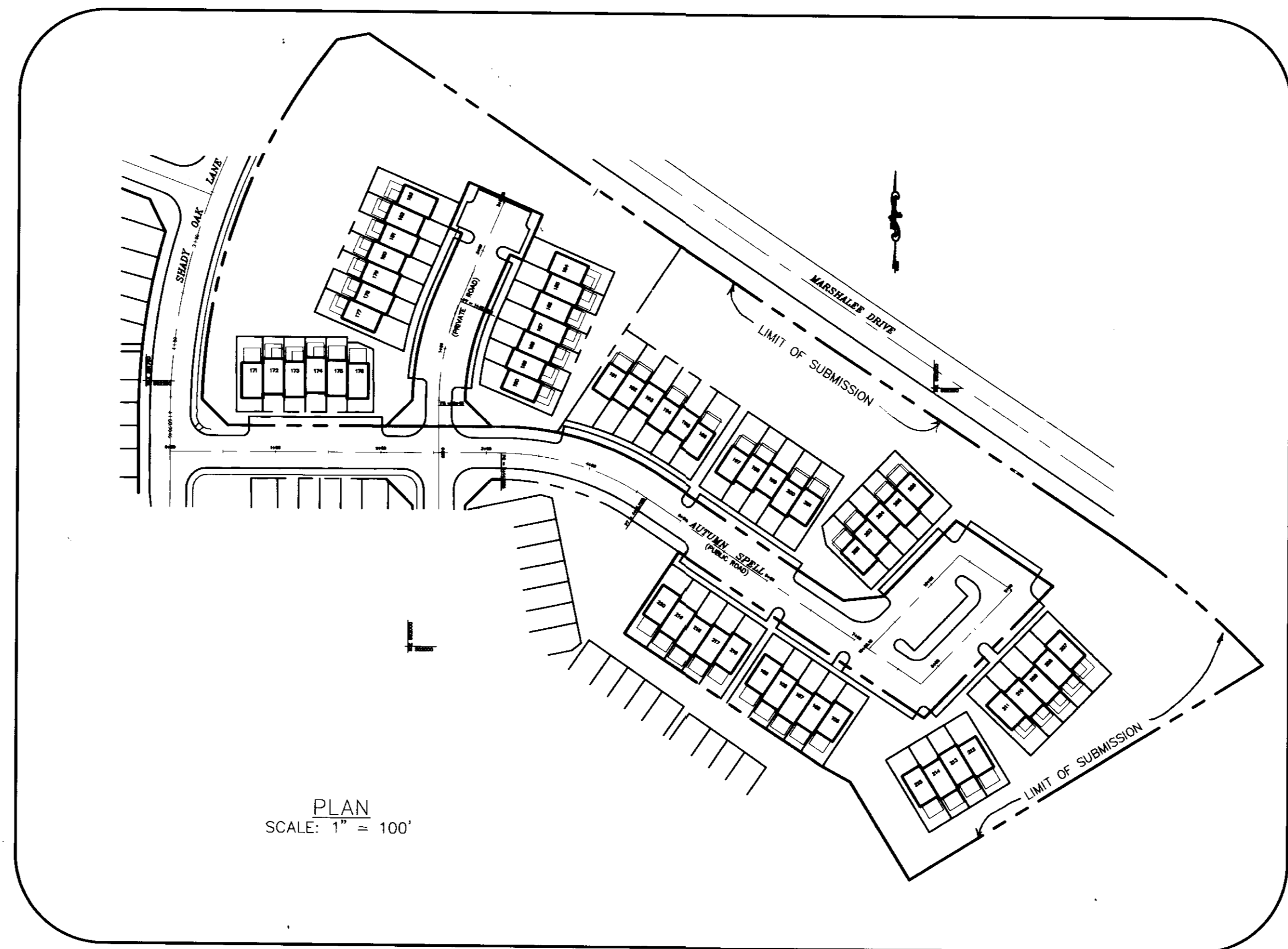
SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
3	SITE PLAN - DIMENSION & INTERNAL LANDSCAPING

LOT NO.	STREET ADDRESS
105	5974 AUTUMN SPELL
106	5972 AUTUMN SPELL
107	5970 AUTUMN SPELL
108	5968 AUTUMN SPELL
109	5966 AUTUMN SPELL
171	5901 AUTUMN SPELL
172	5903 AUTUMN SPELL
173	5905 AUTUMN SPELL
174	5907 AUTUMN SPELL
175	5909 AUTUMN SPELL
176	5911 AUTUMN SPELL
177	5913 AUTUMN SPELL
178	5915 AUTUMN SPELL
179	5917 AUTUMN SPELL
180	5919 AUTUMN SPELL
181	5921 AUTUMN SPELL
182	5923 AUTUMN SPELL
183	5925 AUTUMN SPELL
184	5927 AUTUMN SPELL
185	5929 AUTUMN SPELL
186	5931 AUTUMN SPELL
187	5933 AUTUMN SPELL
188	5935 AUTUMN SPELL
189	5937 AUTUMN SPELL
190	5939 AUTUMN SPELL
191	5941 AUTUMN SPELL
192	5943 AUTUMN SPELL
193	5945 AUTUMN SPELL
194	5947 AUTUMN SPELL
195	5949 AUTUMN SPELL
196	5951 AUTUMN SPELL
197	5953 AUTUMN SPELL
198	5955 AUTUMN SPELL
199	5957 AUTUMN SPELL
200	5959 AUTUMN SPELL
201	5961 AUTUMN SPELL
202	5963 AUTUMN SPELL
203	5965 AUTUMN SPELL
204	5967 AUTUMN SPELL
205	5969 AUTUMN SPELL
206	5971 AUTUMN SPELL
207	5973 AUTUMN SPELL
208	5975 AUTUMN SPELL
209	5977 AUTUMN SPELL
210	5979 AUTUMN SPELL
211	5981 AUTUMN SPELL
212	5983 AUTUMN SPELL
213	5985 AUTUMN SPELL
214	5987 AUTUMN SPELL
215	5989 AUTUMN SPELL
216	5991 AUTUMN SPELL
217	5993 AUTUMN SPELL
218	5995 AUTUMN SPELL
219	5997 AUTUMN SPELL
220	5999 AUTUMN SPELL

SITE DEVELOPMENT PLAN SHADY OAKS SECTION ONE, AREA TWO 1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND

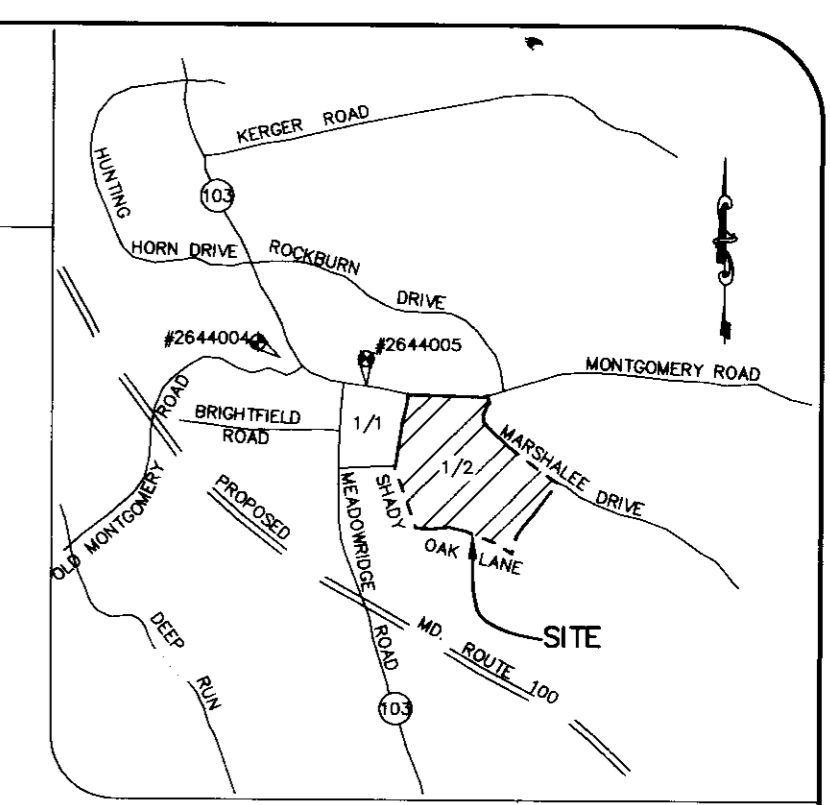
SITE ANALYSIS

- AREA OF PARCEL: 14.06 ACRES
- AREA OF THIS SUBMISSION (L.O.D.): 154,540 SQ. FT. OR 3.55 ACRES
- PRESENT ZONING: R-SC
- PROPOSED USE: SINGLE FAMILY ATTACHED (SFA) FOR SALE
- UNITS ALLOWED: 55
- UNITS PROPOSED: 55
- OPEN SPACE REQUIRED: N/A
- DENSITY TABULATION: N/A
- RECREATION AREA (REQ'D AND PROPOSED): N/A
- LOCATION OF RECREATION AREAS: N/A
- NUMBER OF PARKING SPACES REQ'D: 2 PER SFA = 110 SPACES
- NUMBER OF PARKING SPACES PROV'D: 110 SPACES
- BUILDING COVERAGE OF SITE: COVERAGE OF TOTAL SITE: 67,200 SQ. FT (11% OF GROSS AREA)
COVERAGE PER THIS SUBMITTAL: 33,000 SQ. FT. (10% OF GROSS AREA)

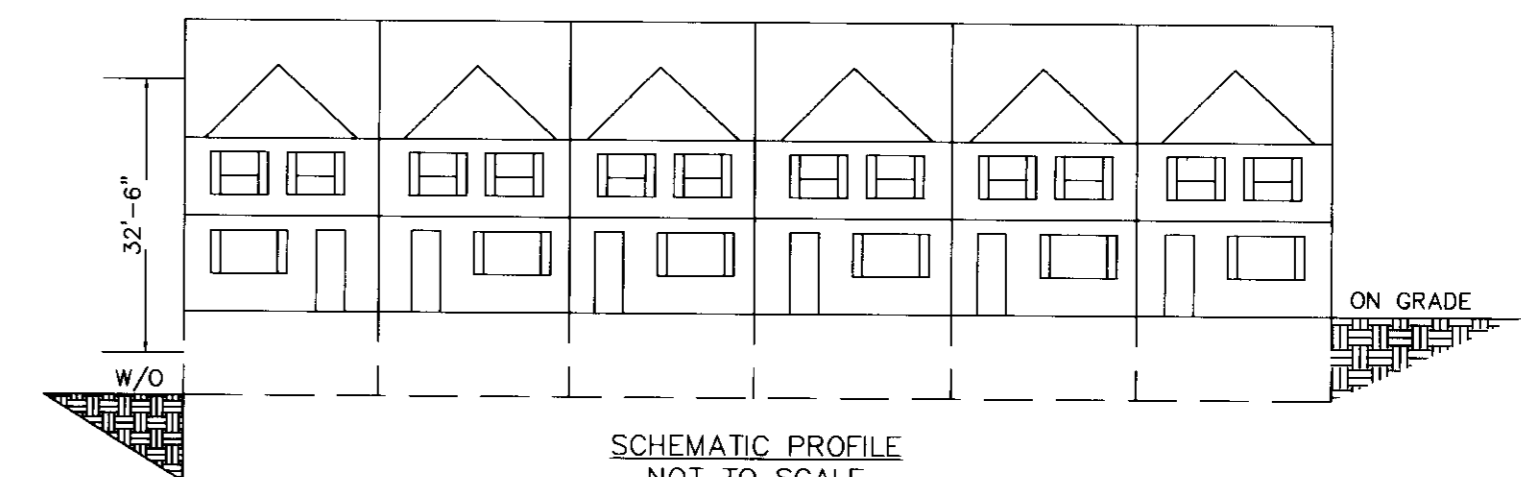


LOT NO.	INV. @ PL.	MIN. CELLAR ELEV.	LOT NO.	INV. @ PL.	MIN. CELLAR ELEV.
105	387.09	390.00	194	391.11	394.50
106	387.39	390.50	195	390.93	394.00
107	387.94	391.00	196	390.46	393.50
108	388.17	391.00	197	390.06	393.00
109	388.60	391.50	198	389.68	393.00
171	385.15	388.00	199	389.49	392.50
172	385.25	388.50	200	389.02	392.00
173	385.45	388.50	201	388.63	392.00
174	385.87	389.00	202	387.57	390.50
175	386.25	389.50	203	387.74	390.50
176	386.85	390.00	204	387.86	390.50
177	392.18	395.50	205	388.01	391.00
178	392.96	396.00	206	387.99	391.00
179	393.52	396.50	207	377.35	381.00
180	394.60	397.50	208	377.25	381.00
181	395.22	398.50	209	377.15	380.50
182	396.26	399.50	210	377.06	380.50
183	397.04	400.00	211	376.94	380.50
184	396.72	400.00	212	376.55	380.00
185	395.80	399.00	213	376.45	380.00
186	395.00	398.00	214	376.35	380.00
187	394.42	397.50	215	376.25	380.00
188	393.36	396.50	216	388.66	392.00
189	392.86	396.00	217	389.02	392.00
190	391.15	394.50	218	389.44	392.50
191	391.79	395.00	219	389.70	393.00
192	391.63	395.00	220	390.10	393.00
193	391.41	394.50			

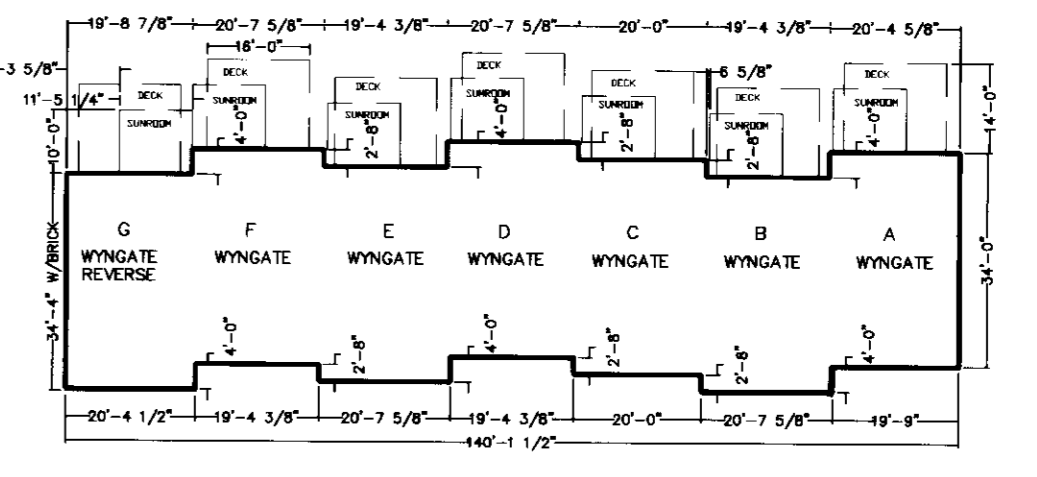
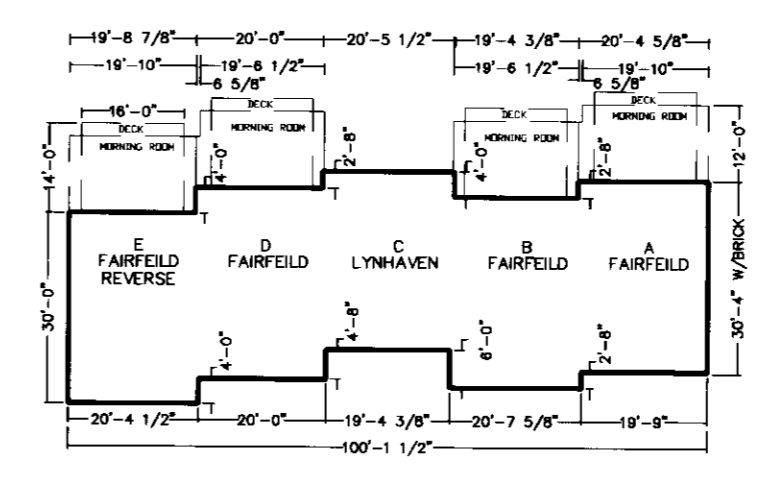
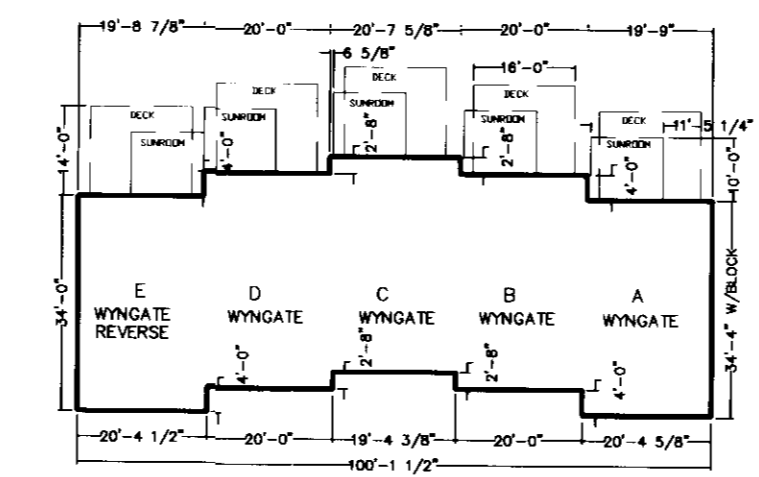
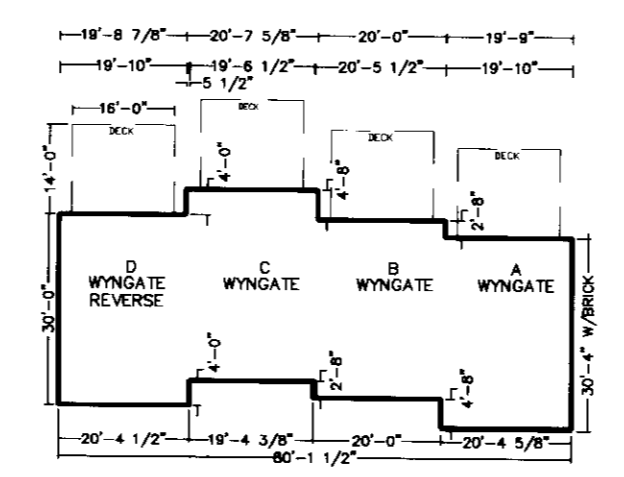
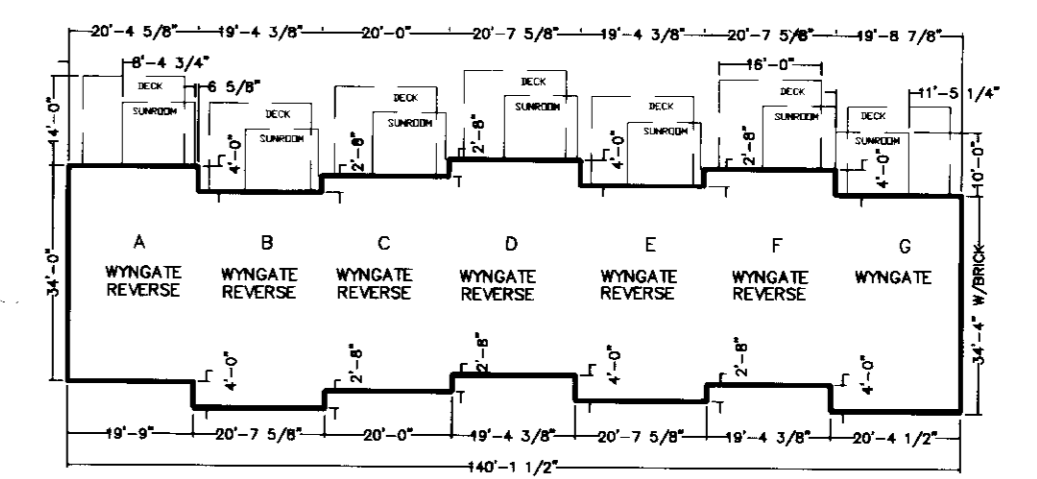
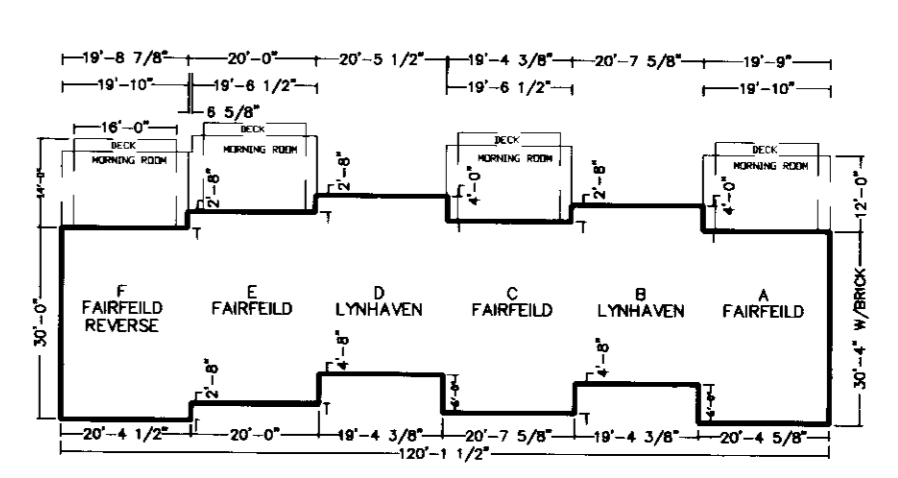
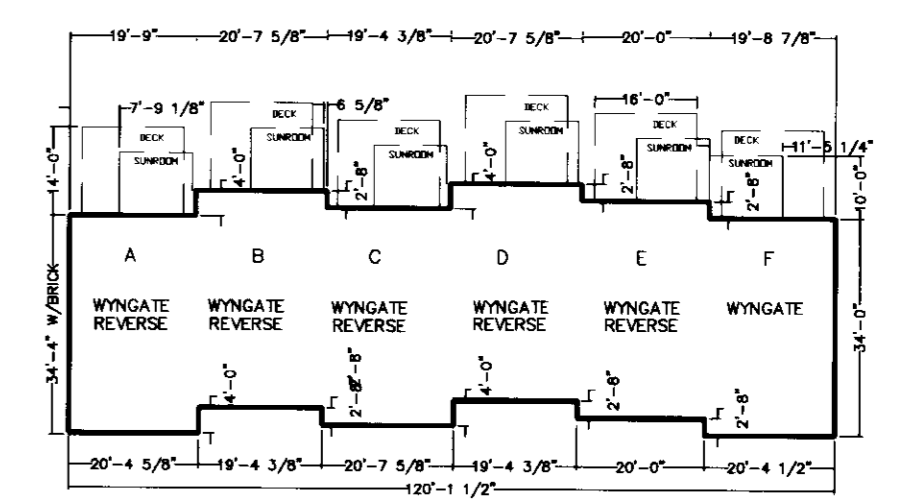
BENCH MARKS
#2644005 ELEV. 416.981
#2644004 ELEV. 402.135



VICINITY MAP
SCALE: 1" = 2000'



SCHEMATIC PROFILE
NOT TO SCALE



SERIES TOWNHOUSES
NOT TO SCALE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR: *[Signature]* DATE: 7/13/05

CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 7/12/05

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DIRECTOR: *[Signature]* DATE: 8/1/05

CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH: *[Signature]* DATE: 8/1/05

PERMIT INFORMATION CHART					
SUBDIVISION NAME: SHADY OAKS	SECTION: 1	AREA: 2	LOTS: 105-109, 171-220		
PLAT # 11788	BLOCK #3	ZONE: R-SC	TAX/ZONE MAP: 37	1ST ELECTION DISTRICT	CENSUS TRACT: 6011-02
WATER CODE: D04			SEWER CODE: 2610000		



BUILDER
RYAN HOMES, INC.
11460 CRON RIDGE DRIVE, SUITE 128
OWINGS MILLS, MD. 21117

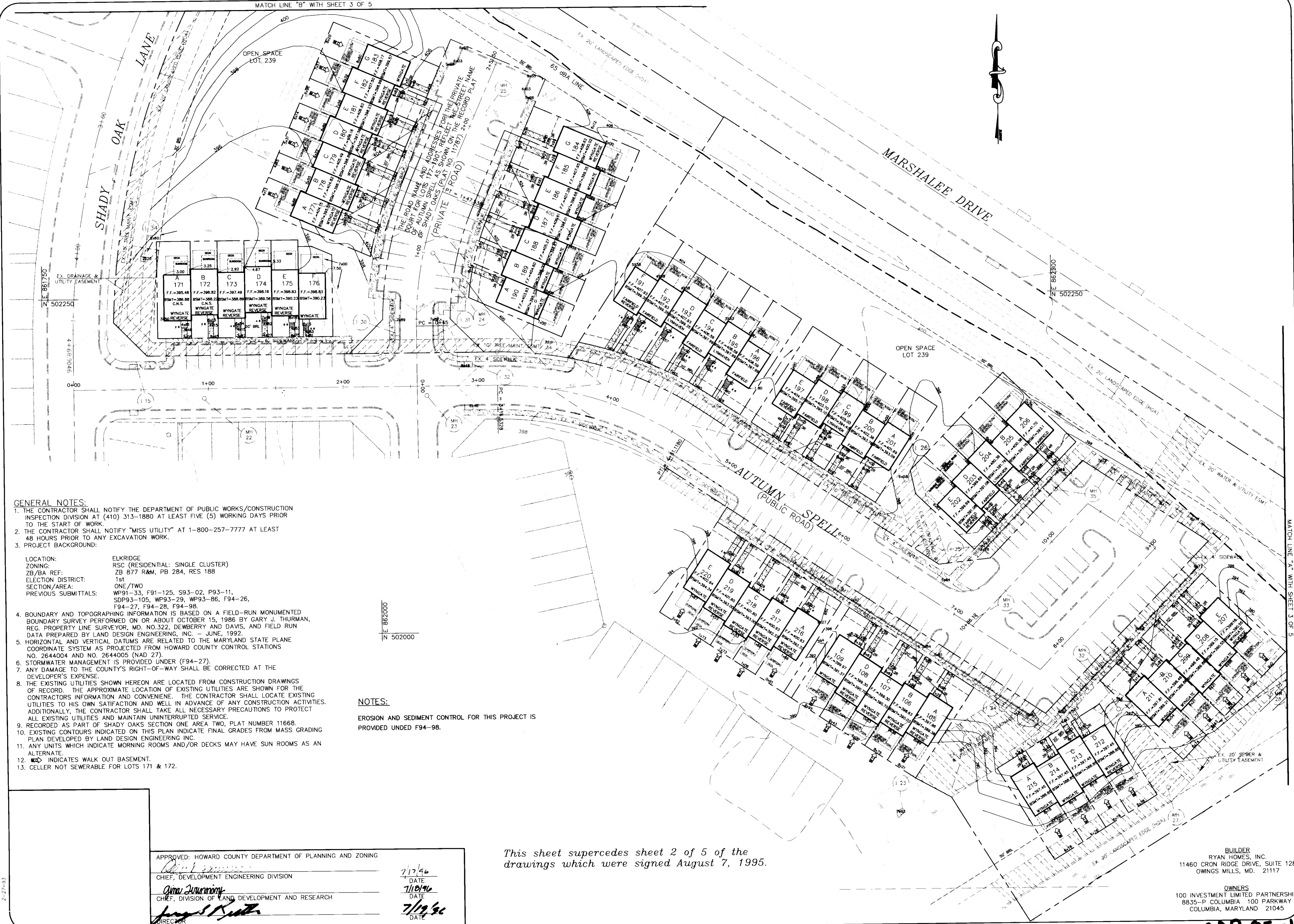
OWNERS
100 INVESTMENT LIMITED PARTNERSHIP
8835-P COLUMBIA 100 PARKWAY
COLUMBIA, MARYLAND 21045

Project	95009	date	3/95
Illustration	MAT	engineering	MAT
Scale	1" = 30'	approval	JDM

Project	95009	date	7/27/05
Illustration	MAT	description	SHEET 2 REPAIRED
Scale	1" = 30'	revisions	REVISED ADDRESS LOTS 171-190

SEC. 1, AREA 2, TAX MAP 37, P/O PARCEL 643
SHADY OAKS
LOTS: 105-109, 171-220
1ST ELECTION DISTRICT
HOWARD COUNTY
SITE PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 387-0236 Bldg. (301) 627-5521 Wash. (410) 397-0288 Fax



- GENERAL NOTES:**
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
 - PROJECT BACKGROUND:
 LOCATION: ELKRIDGE
 ZONING: RSC (RESIDENTIAL: SINGLE CLUSTER)
 ZB/BA REF: ZB 877 R&M, PB 284, RES 188
 ELECTION DISTRICT: 1st
 SECTION/AREA: ONE/TWO
 PREVIOUS SUBMITTALS: WP91-33, F91-125, S93-02, P93-11, SDP93-105, WP93-29, WP93-86, F94-26, F94-27, F94-28, F94-98.
 - BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON A FIELD-RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT OCTOBER 15, 1986 BY GARY J. THURMAN, REG. PROPERTY LINE SURVEYOR, MD. NO.322, DEWBERRY AND DAVIS, AND FIELD RUN DATA PREPARED BY LAND DESIGN ENGINEERING, INC. - JUNE, 1992.
 - HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 2644004 AND NO. 2644005 (NAD 27).
 - STORMWATER MANAGEMENT IS PROVIDED UNDER (F94-27).
 - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - THE EXISTING UTILITIES SHOWN HEREON ARE LOCATED FROM CONSTRUCTION DRAWINGS OF RECORD. THE APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTORS INFORMATION AND CONVENIENCE. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES TO HIS OWN SATISFACTION AND WELL IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES. ADDITIONALLY, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ALL EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE.
 - RECORDED AS PART OF SHADY OAKS SECTION ONE AREA TWO, PLAT NUMBER 11668.
 - EXISTING CONTOURS INDICATED ON THIS PLAN INDICATE FINAL GRADES FROM MASS GRADING PLAN DEVELOPED BY LAND DESIGN ENGINEERING INC.
 - ANY UNITS WHICH INDICATE MORNING ROOMS AND/OR DECKS MAY HAVE SUN ROOMS AS AN ALTERNATE.
 - INDICATES WALK OUT BASEMENT.
 - CELLER NOT SEWERABLE FOR LOTS 171 & 172.

NOTES:
 EROSION AND SEDIMENT CONTROL FOR THIS PROJECT IS PROVIDED UNDED F94-98.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature]
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature]
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH
 [Signature]
 DIRECTOR

7/17/96
 DATE
 7/18/96
 DATE
 7/19/96
 DATE

This sheet supercedes sheet 2 of 5 of the drawings which were signed August 7, 1995.

BUILDER
 RYAN HOMES, INC.
 11460 CRON RIDGE DRIVE, SUITE 128
 OWINGS MILLS, MD. 21117

OWNERS
 100 INVESTMENT LIMITED PARTNERSHIP
 8835-P COLUMBIA 100 PARKWAY
 COLUMBIA, MARYLAND 21045

Project	85009	date	3/95
Illustration	MAT/M.P.	engineering	MAT/M.P.
scale	1" = 30'	approval	JBM

NO.	DESCRIPTION	DATE
1	GENERAL REVISION TO GRADE	5/02/95

SEC. 1, AREA 2, TAX MAP 37, P/O PARCEL 643
SHADY OAKS
 1ST ELECTION DISTRICT HOWARD COUNTY
 SITE PLAN

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland, 21042
 (410) 997-0986 Balt. (301) 621-5521 Wash. (410) 997-0998 Fax

SDP 95-107 (NEW 7/96)

MATCH LINE "B" THIS SHEET

RESIDENTIAL DEVELOPMENT INTERNAL LANDSCAPING	
NUMBER OF DWELLING UNITS	55
NUMBER OF TREES REQUIRED (1:DU SFA)	55
NUMBER OF TREES PROVIDED	55
SHADE TREES	1
OTHER TREES (2:1 SUBSTITUTION)	1

PROJECT	95009	DATE	3/95
INSTRUCTOR	MAT/SID	ENGINEERING	
SCALE	1" = 30'	APPROVAL	JBM

SHEET 2 REPLACES	REVISION TO MATCH LINES	DATE	7/27/94
1	REVISIONS	REVISIONS	
2	LANDSCAPE TREE LOCATIONS	DATE	10/14/95

SEC. 1, AREA 2, TAX MAP 37, P/O PARCEL 643
SHADY OAKS
 LOTS: 105-109, 171-220 1ST ELECTION DISTRICT HOWARD COUNTY
 SITE PLAN - DIMENSIONS AND INTERNAL LANDSCAPING

MILDENBERG & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Beltsville, Maryland 21042
 (410) 997-0296 Fax: (301) 621-5521 Wash. (410) 997-0298 Fax



LINE #	DIST	BEARINGS
L1	3.00	S00°10'42"E
L2	10.00	N89°49'18"E
L3	16.36	S66°40'42"E

NOTE:
 THIS PLANTING PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.12A OF THE HOWARD COUNTY CODE & LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED 55 LANDSCAPE TREES IN THE AMOUNT OF \$5,500.00 WILL BE REQUIRED AS PART OF THE SURETY FOR THE GRADING PERMIT.

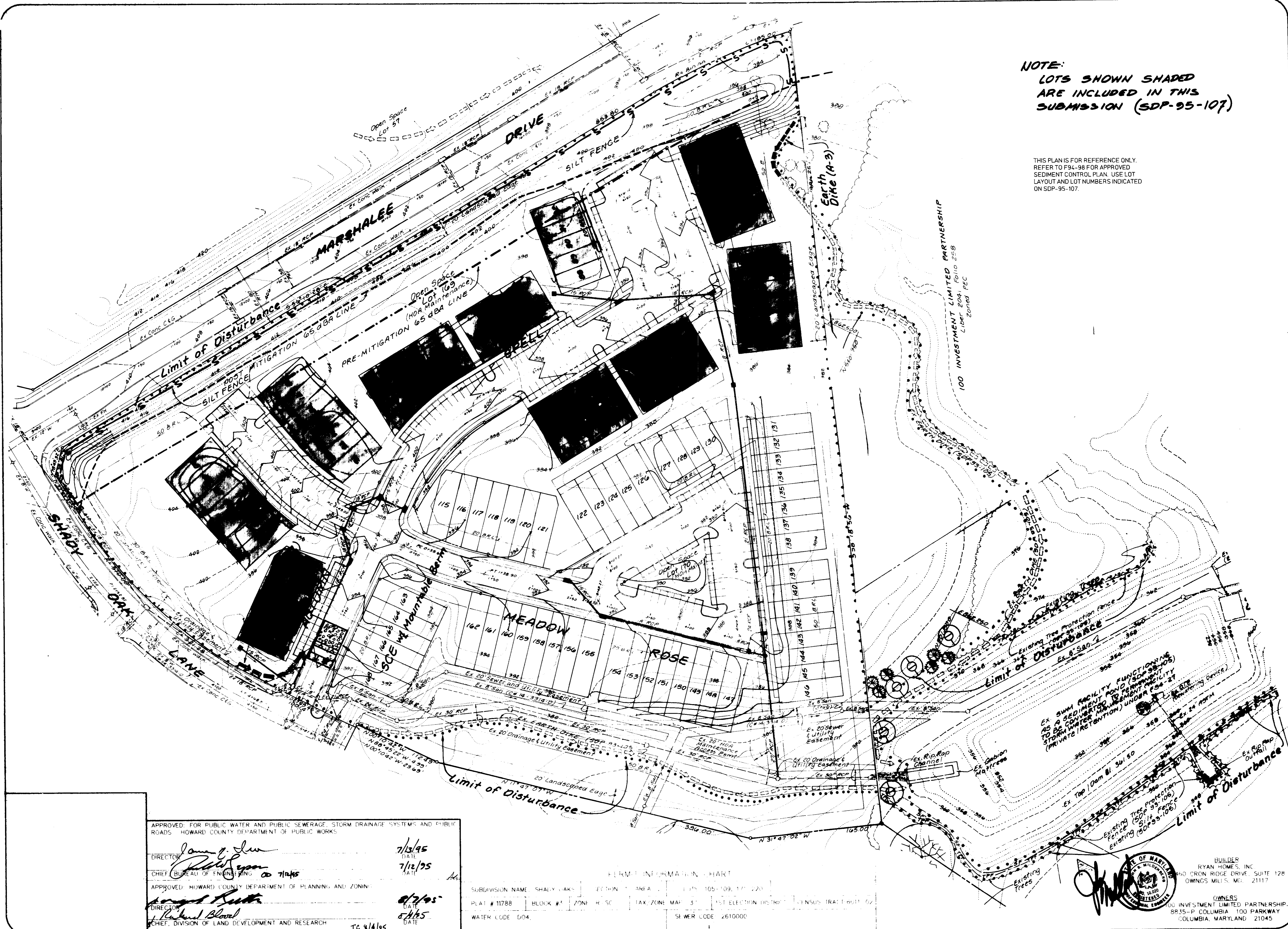
INTERNAL PLANTING SCHEDULE

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION
(A)	18	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	2 1/2" CAL.	B&B
(P)	19	PYRUS CALLERYANA 'RED SPIRE'	RED SPIRE PEAR	2 1/2" CAL.	B&B
(S)	18	SOPHORA JAPONICA 'REGENT'	REGENT JAPANESE PAGODA TREE	2 1/2" CAL.	B&B

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR: *James A. Shaw* DATE: 7/13/95
 CHIEF, BUREAU OF ENGINEERING: *Robert Egan* DATE: 7/12/95
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DIRECTOR: *James A. Shaw* DATE: 8/12/95
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH: *Richard Blom* DATE: 8/12/95



BUILDER
 RYAN HOMES, INC.
 11460 CRON RIDGE DRIVE, SUITE 128
 OWINGS MILLS, MD. 21117
 OWNERS
 100 INVESTMENT LIMITED PARTNERSHIP
 8835-P COLUMBIA 100 PARKWAY
 COLUMBIA, MARYLAND 21045



NOTE:
 LOTS SHOWN SHADED
 ARE INCLUDED IN THIS
 SUBMISSION (SDP-95-107)

THIS PLAN IS FOR REFERENCE ONLY.
 REFER TO F94-98 FOR APPROVED
 SEDIMENT CONTROL PLAN. USE LOT
 LAYOUT AND LOT NUMBERS INDICATED
 ON SDP-95-107.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

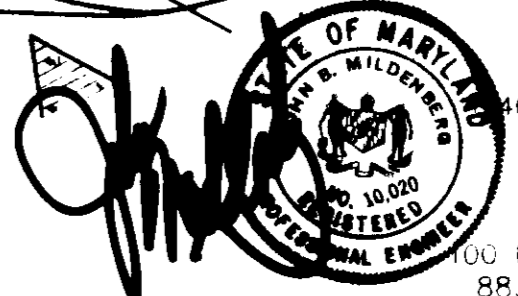
DIRECTOR: *James J. Lew* 7/13/95
 CHIEF, BUREAU OF ENGINEERING

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

DIRECTOR: *Robert Blood* 8/1/95
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

PERMIT INFORMATION CHART

SUBDIVISION NAME	SHADY OAKS	SECTION	AREA	LOTS	105-109, 171-220
PLAT #	11788	BLOCK #	ZONING	TAX ZONE	MAP 37
WATER CODE	DO4	SEWER CODE	2610000		



BUILDER
 RYAN HOMES, INC.
 100 CROWN RIDGE DRIVE, SUITE 128
 OWINGS MILLS, MD. 21117

OWNERS
 100 INVESTMENT LIMITED PARTNERSHIP
 8835-P COLUMBIA, 100 PARKWAY
 COLUMBIA, MARYLAND 21045

PROJECT	95000	DATE	3/95
ILLUSTRATION	MAT	ENGINEERING	JRM
SCALE	1" = 30'	APPROVAL	JRM

DATE	5/28/95
REVISIONS	

SEC. 1, AREA 2, TAX MAP 37, P/O PARCEL 643
SHADY OAKS
 LOTS 105-109, 171-220 1ST ELECTION DISTRICT HOWARD COUNTY
SEDIMENT CONTROL PLAN

MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Derway Hill Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 987-0296 Fax (410) 987-5621 Telex (410) 987-0296 Fax

NATURAL RESOURCE CONSERVATION SERVICE
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 acre 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 (.05 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 sod. 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 reseeds.

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 2-1/2 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 sod.

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.

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), sod (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: 3.6 Acres
Area Disturbed: 3.6 Acres
Area to be roofed or paved: 1.2 Acres
Area to be vegetatively stabilized: 2.4 Acres
Total Cut: 7500 Cu. Yds.
Total fill: 7500 Cu Yds
Total waste/borrow area location: - 0 -
- 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 authorized 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. Inspect controls installed under SDP-93-105 and F-94-98 any provide necessary repairs and maintenance prior to beginning any work shown hereon.
3. Grade site to design elevations.
4. Construct houses.
5. Sediment shall be removed from the sediment basin when the cleanout elevation has been reached.
6. Contractor shall inspect and provide necessary maintenance on the sediment and erosion control structures shown hereon after each rainfall and on a daily basis.
7. The sediment basin shall be dewatered by pumping. The accumulated sediment from the basin shall be placed up grade from the basin in such a manner as not to interfere with construction operations or cause erosion down grade from the basin.
8. Remove sediments from roadways and dress stabilized construction entrance as required.
9. After all upstream areas have been stabilized and permission has been given by the Sediment Control Inspector, convert the temporary Sediment Basin to permanent Stormwater Management Facility (F-94-27).
10. Upon receiving permission from the Sediment Control Inspector, remove silt fence and other perimeter devices and stabilize disturbed areas with permanent seeding mixture and straw mulch.

DEVELOPER & ENGINEER CERTIFICATES

() By The Developer:

"I/We certify that all development and/or construction will be done according to these plans, 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 shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by The Natural Resource Conservation Service."

[Signature] Date 6/29/95
Signature of Developer
DAN MANN
Printed Name of Developer

() By The Engineer:

"I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he/she must engage a registered professional engineer to supervise pond construction and provide the Natural Resource Conservation Service with an "as-built" plan of the pond within 30 days of completion."

[Signature] Date 6/29/95
Signature of Engineer
JOHN MILDENBERG
Printed Name of Engineer

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

[Signature]
DIRECTOR
CHIEF, BUREAU OF ENGINEERING

6/1/95
DATE
8/4/95
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature]
DIRECTOR
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

6/7/95
DATE
8/4/95
DATE

TC 8/4/95

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

[Signature] Date 7/10/95
USDA NATURAL RESOURCES CONSERVATION SERVICE

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

[Signature] Date 7/10/95
HOWARD SOIL CONSERVATION DISTRICT

date	JUNE 1995
project	95009
illustration	JBM
scale	N.T.S.
approval	JBM
revision	JBM

date	
description	
revision	
no.	

SEC. 1, AREA 2, TAX MAP 37, P/O PARCEL 643
SHADY OAKS
HOWARD COUNTY
1ST ELECTION DISTRICT
SEDIMENT CONTROL NOTES AND DETAILS

MILDENBERG, BOENDER & ASSOC., INC.
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