

④ DITCH CROSS SECTION SLOPE MAY BE FLATTENED TO PROVIDE A SWALE AT OR NEAR THE CREST OF VERTICAL CURVES WHERE QUANTITY OF SWALE FLOW IS SMALL AS APPROVED BY DPH.

OPEN SECTION (OUTSIDE PLANNED SERVICE AREA ONLY)  
TYPICAL SECTION - NON-RESIDENTIAL STREETS  
LOCAL ROADS

**FOREST CONSERVATION EASEMENT 'A'**  
0.859± ACRES TOTAL (PER F-07-012)

**FOREST CONSERVATION EASEMENT 'B'**  
1.004± ACRES TOTAL (PER F-07-012)

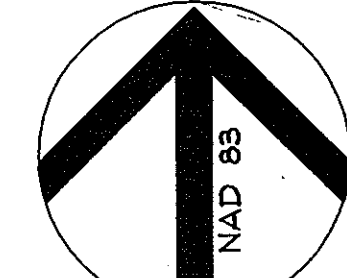
**FOREST CONSERVATION EASEMENT 'E'**  
0.766± ACRES TOTAL (PER F-07-012)

MATCH LINE  
SEE SHEET 3

**FOREST CONSERVATION EASEMENT 'D'**  
0.561± ACRES TOTAL (PER F-07-012)

N 540150  
E 1528700

N 540850  
E 000081



TENTATIVELY APPROVED: DEPARTMENT OF PLANNING AND ZONING OF HOWARD COUNTY  
*Paula L. Cagle* Planning Director Date: 4/4/07  
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
*B. Wilson for Peter Beilman, red* County Health Officer Date: 5/21/2007  
Howard County Health Department

04/05/2007  
DATE  
STATE OF MARYLAND  
PROFESSIONAL ENGINEER  
W. RICHARD DEMARIO  
PROFESSIONAL ENGINEER NO. 21998  
SP-07-002

DATA SOURCES:  
EX. TOPOGRAPHY SHOWN PER AERIAL SURVEY BY VIRGINIA RESOURCE MAPPING, DATE OF CAPTURE IS SPRING 2006. EX. SOIL INFORMATION SHOWN PER HOWARD COUNTY SOIL SURVEY 1988. EX. WETLAND AND STREAM LOCATIONS SHOWN PER FIELD INVESTIGATION BY MAR-LEN ENVIRONMENTAL INC. IN SPRING 2006. EX. OFF-PROPERTY WELL AND SEPTIC LOCATION APPROXIMATED FROM HOWARD COUNTY HEALTH DEPARTMENT RECORDS AND FIELD INVESTIGATION BY DEMARIO DESIGN CONSULTANTS, INC. IN SPRING 2006.

**DeMario Design Consultants, Inc.**  
The Old Firehouse  
66 East Main Street, Suite 200  
Westminster, MD 21157  
Phone: (410) 386-0560  
Fax: (410) 386-0564  
eMail: ddc@demariodesign.us

OWNER:  
HOLLY HOUSE DVLPMT. LLC  
C/O JIM SELFIDGE  
4781 TEN OAKS ROAD  
DAYTON, MD 21036  
SITE ADDRESS:  
12402 LIMEKILN ROAD  
FULTON, MD 20759

PRELIMINARY EQUIVALENT SKETCH PLAN FOR  
HOLLY HOUSE MEADOWS, PH. II  
RESUBDIVISION OF HOLLY HOUSE MEADOWS BULK PARCEL 'A'  
**PRELIMINARY EQUIVALENT SKETCH PLAN**

5TH ELECTION DISTRICT HOWARD COUNTY, MD

NO.	DESCRIPTION OF CHANGES	DRN.	REV.	DATE
TAX ACC. # 05-342775	DES. BY: AJS			
ZONE / USE: RR-DEO	DRN. BY: AJS			
DWG. SCALE: 1"=50'	CHK. BY: JMZ			
DATE: 04/17/2007				
DDC JOB#: 05127.3				



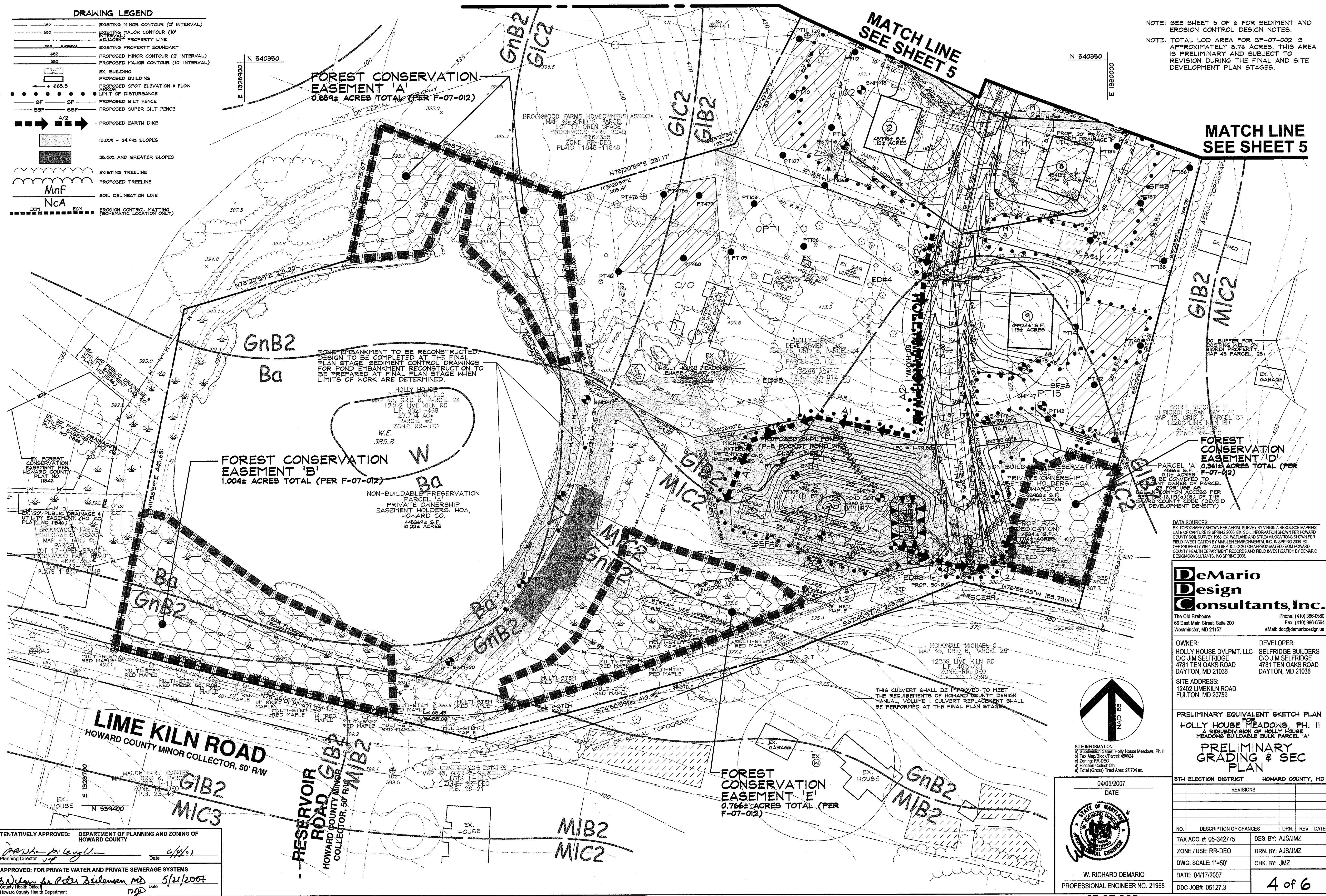




**DRAWING LEGEND**

- 652 EXISTING MINOR CONTOUR (2' INTERVAL)
- 650 EXISTING MAJOR CONTOUR (10' INTERVAL)
- ADJACENT PROPERTY LINE
- EXISTING PROPERTY BOUNDARY
- 652 PROPOSED MINOR CONTOUR (2' INTERVAL)
- 650 PROPOSED MAJOR CONTOUR (10' INTERVAL)
- EX. BUILDING
- PROPOSED BUILDING
- PROPOSED SPOT ELEVATION & FLOW ARROW
- LIMIT OF DISTURBANCE
- PROPOSED SILT FENCE
- PROPOSED SUPER SILT FENCE
- PROPOSED EARTH DIKE
- 15.00% - 24.99% SLOPES
- 25.00% AND GREATER SLOPES
- EXISTING TREELINE
- PROPOSED TREELINE
- MnF SOIL DELINEATION LINE
- NcA EROSION CONTROL MATTING (SCHEMATIC LOCATION ONLY)

NOTE: SEE SHEET 5 OF 6 FOR SEDIMENT AND EROSION CONTROL DESIGN NOTES.  
 NOTE: TOTAL LOD AREA FOR SP-07-002 IS APPROXIMATELY 8.76 ACRES. THIS AREA IS PRELIMINARY AND SUBJECT TO REVISION DURING THE FINAL AND SITE DEVELOPMENT PLAN STAGES.



TENTATIVELY APPROVED: DEPARTMENT OF PLANNING AND ZONING OF HOWARD COUNTY  
 Planning Director: [Signature] Date: 4/1/20  
 APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 County Health Officer: [Signature] Date: 5/21/2007  
 Howard County Health Department

DATA SOURCES:  
 EX. TOPOGRAPHY SHOWN PER AERIAL SURVEY BY VIRGINIA RESOURCE MAPPING, DATE OF CAPTURE IS SPRING 2006. EX. SOIL INFORMATION SHOWN PER HOWARD COUNTY SOIL SURVEY 1985. EX. WETLAND AND STREAM LOCATIONS SHOWN PER FIELD INVESTIGATION BY MARLEN ENVIRONMENTAL, INC. IN SPRING 2006. EX. OFF-PROPERTY WELL AND SEPTIC LOCATION APPROXIMATED FROM HOWARD COUNTY HEALTH DEPARTMENT RECORDS AND FIELD INVESTIGATION BY DEMARIO DESIGN CONSULTANTS, INC. IN SPRING 2006.

**DeMario Design Consultants, Inc.**  
 The Old Firehouse, 66 East Main Street, Suite 200, Westminister, MD 21157  
 Phone: (410) 386-0560, Fax: (410) 386-0664, eMail: ddc@demariodesign.us

OWNER: HOLLY HOUSE DVLPMT. LLC  
 C/O JIM SELFBRIDGE  
 4781 TEN OAKS ROAD  
 DAYTON, MD 21036

DEVELOPER: SELFBRIDGE BUILDERS  
 C/O JIM SELFBRIDGE  
 4781 TEN OAKS ROAD  
 DAYTON, MD 21036

SITE ADDRESS: 12402 LIMELKILN ROAD, FULTON, MD 20759

PRELIMINARY EQUIVALENT SKETCH PLAN FOR HOLLY HOUSE MEADOWS, PH. II  
 A REBUDIVISION OF HOLLY HOUSE MEADOWS BUIDABLE BULK PARCEL 'A'

**PRELIMINARY GRADING & SEC PLAN**

9TH ELECTION DISTRICT HOWARD COUNTY, MD

04/05/2007 DATE

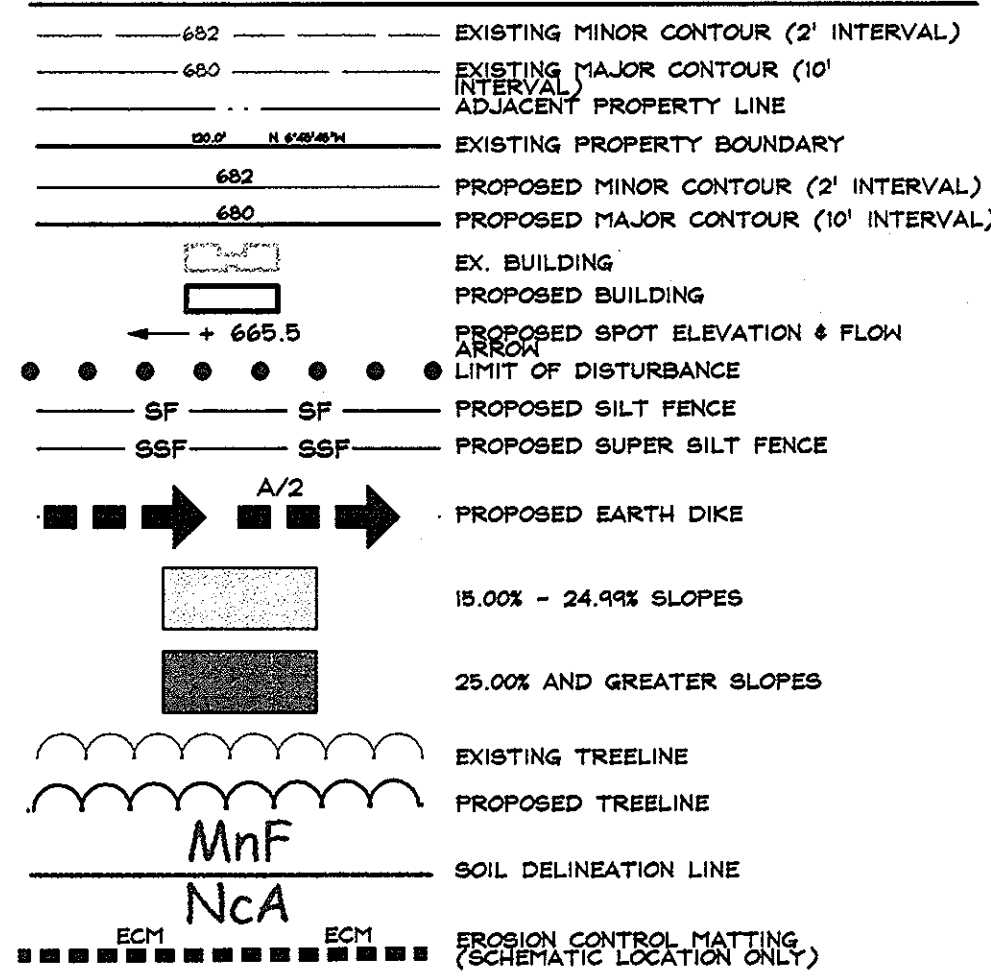
STATE OF MARYLAND PROFESSIONAL ENGINEER

W. RICHARD DEMARIO  
 PROFESSIONAL ENGINEER NO. 21998

NO.	DESCRIPTION OF CHANGES	DRN.	REV.	DATE
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ZONE / USE: RR-DEO	DRN. BY: AJS/JMZ			
DWG. SCALE: 1"=50'	CHK. BY: JMZ			
DATE: 04/17/2007				
DDC JOB#: 05127.3				



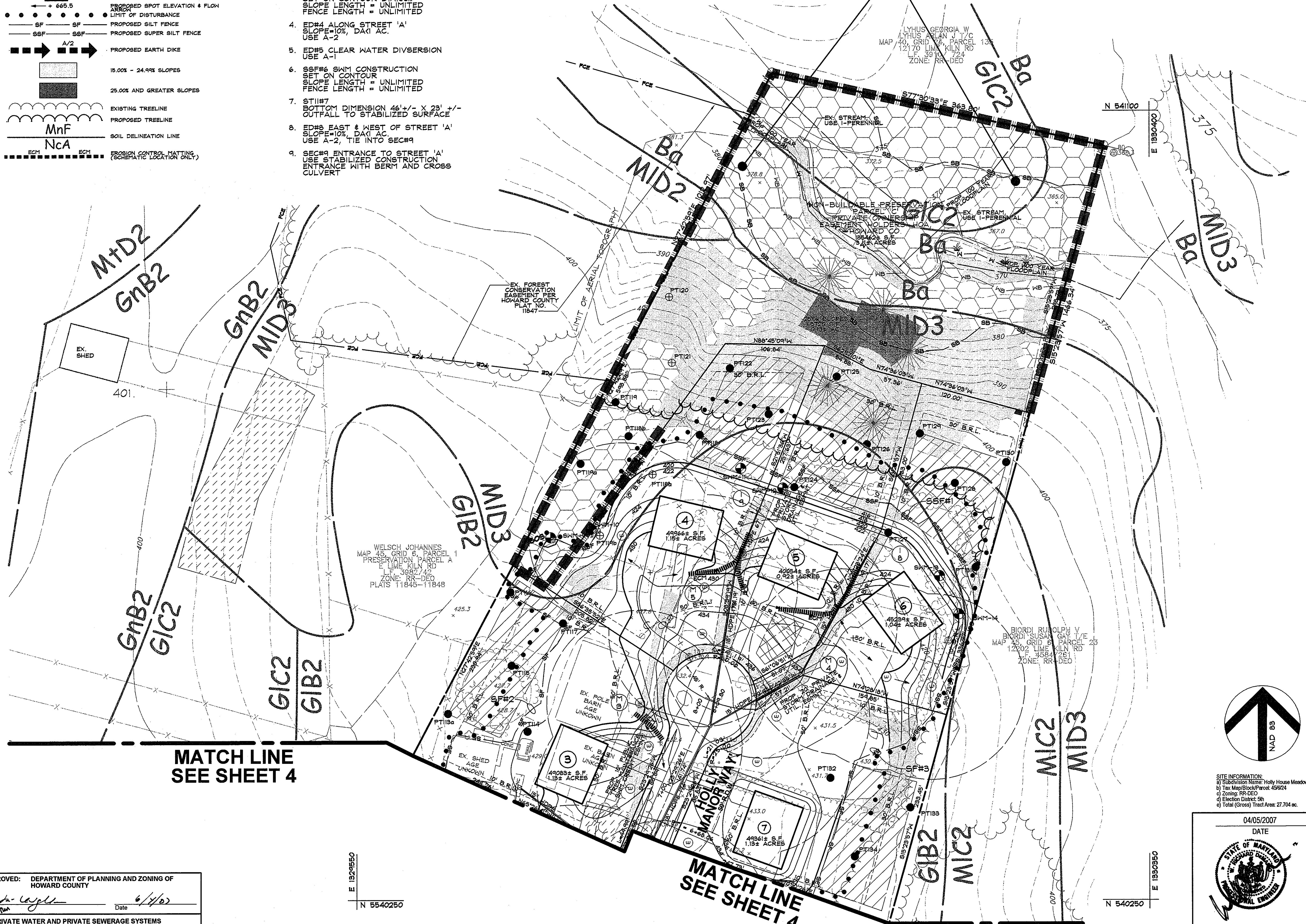
**DRAWING LEGEND**



**SEDIMENT & EROSION CONTROL DESIGN NOTES**

1. SSF @ REAR OF LOT 4, 5 & 6 SET ON CONTOUR, D.A. 0.5% SLOPE LENGTH = UNLIMITED FENCE LENGTH = UNLIMITED
2. SF @ REAR OF LOTS 2 & 3 SET ON CONTOUR D.A. 0.5% SLOPE LENGTH = UNLIMITED FENCE LENGTH = UNLIMITED
3. SF @ REAR OF LOTS 7 & 8 SET ON CONTOUR D.A. 0.5% SLOPE LENGTH = UNLIMITED FENCE LENGTH = UNLIMITED
4. ED#4 ALONG STREET 'A' SLOPE=10%, D.A. 1' AC. USE A-2
5. ED#5 CLEAR WATER DIVERSION USE A-1
6. SSF#6 SWM CONSTRUCTION SET ON CONTOUR SLOPE LENGTH = UNLIMITED FENCE LENGTH = UNLIMITED
7. ST11#7 BOTTOM DIMENSION 46'+/- X 23'+/- OUTFALL TO STABILIZED SURFACE
8. ED#8 EAST & WEST OF STREET 'A' SLOPE=10%, D.A. 1' AC. USE A-2, TIE INTO SEC#9
9. SEC#9 ENTRANCE TO STREET 'A' USE STABILIZED CONSTRUCTION ENTRANCE WITH BERM AND CROSS CULVERT

**FOREST CONSERVATION EASEMENT 'C'**  
3.101± ACRES TOTAL (PER F-07-012)



**MATCH LINE SEE SHEET 4**

**MATCH LINE SEE SHEET 4**

**DATASOURCES:**  
 EX. TOPOGRAPHY SHOWN PER AERIAL SURVEY BY VIRGINIA RESOURCE MAPPING  
 DATE OF CAPTURE IS SPRING 2006. EX. SOIL INFORMATION SHOWN PER HOWARD COUNTY SOIL SURVEY 1988. EX. WETLAND AND STREAM LOCATIONS SHOWN PER FIELD INVESTIGATION BY MAREX ENVIRONMENTAL, INC. IN SPRING 2006. EX. OFF-PROPERTY WELL AND SEPTIC LOCATION APPROXIMATED FROM HOWARD COUNTY HEALTH DEPARTMENT RECORDS AND FIELD INVESTIGATION BY DEMARIO DESIGN CONSULTANTS, INC. IN SPRING 2006.

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 The Old Firehouse Phone: (410) 388-0560  
 66 East Main Street, Suite 200 Fax: (410) 388-0564  
 Westminster, MD 21157 eMail: ddc@demariodesign.us

**OWNER:** HOLLY HOUSE DVL PMT. LLC  
**DEVELOPER:** SELFRIDGE BUILDERS  
 C/O JIM SELFRIDGE C/O JIM SELFRIDGE  
 4781 TEN OAKS ROAD 4781 TEN OAKS ROAD  
 DAYTON, MD 21036 DAYTON, MD 21036

**SITE ADDRESS:**  
 12402 LIMEKILN ROAD  
 FULTON, MD 20759

**PRELIMINARY EQUIVALENT SKETCH PLAN**  
**HOLLY HOUSE MEADOWS, PH. II**  
 A REUBDIVISION OF HOLLY HOUSE MEADOWS BUILDABLE BULK PARCEL 'A'  
**PRELIMINARY GRADING & SEC PLAN**

**SITE INFORMATION:**  
 a) Subdivision Name: Holly House Meadows, Ph. II  
 b) Tax Map/Block/Parcel: 45624  
 c) Zoning: RR-DEO  
 d) Election District: 5th  
 e) Total (Gross) Tract Area: 27.704 ac.

04/05/2007  
 DATE

W. RICHARD DEMARIO  
 PROFESSIONAL ENGINEER NO. 19989

5TH ELECTION DISTRICT HOWARD COUNTY, MD				
REVISIONS				
NO.	DESCRIPTION OF CHANGES	DRN.	REV.	DATE
TAX ACC. # 05-342775	DES. BY: AJS			
ZONE / USE: RR-DEO	DRN. BY: AJS			
DWG. SCALE: 1"=50'	CHK. BY: JMZ			
DATE: 04/17/2007				
DDC JOB#: 05127.3				

TENTATIVELY APPROVED: DEPARTMENT OF PLANNING AND ZONING OF HOWARD COUNTY  
 Planning Director Date 6/1/07  
 APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 County Health Officer Date 5/21/2007  
 Howard County Health Department



**DRAWING LEGEND**

682	EXISTING MINOR CONTOUR (2' INTERVAL)
680	EXISTING MAJOR CONTOUR (10' INTERVAL)
-----	ADJACENT PROPERTY LINE
-----	EXISTING PROPERTY BOUNDARY
-----	EX. ROAD / EDGE OF PAVING
-----	EX. OVERHEAD ELECTRIC & UTILITY POLES
682	PROPOSED MINOR CONTOUR (2' INTERVAL)
680	PROPOSED MAJOR CONTOUR (10' INTERVAL)
-----	EX. BUILDING
-----	PROPOSED BUILDING
-----	PROPOSED SPOT ELEVATION & FLOW ARR-DIGRA
-----	15.00% - 24.99% SLOPES
-----	25.00% AND GREATER SLOPES
-----	EXISTING TREELINE
-----	PROPOSED TREELINE
MnF	SOIL DELINEATION LINE
NcA	SOIL DELINEATION LINE
-----	EXISTING TREES
PT #	PASSED FIELD LOCATED PERCOLATION TEST HOLE
PT #	FAILED FIELD LOCATED PERCOLATION TEST HOLE
SB	75' STREAM BUFFER
EX	PROG. WELLS / PROP. WELL / EX. WELL
-----	PROP. S.R.A (10,000 S.F. MIN)
WB	20' MD STATE WETLAND BUFFER
W	WETLAND LIMIT (PER FIELD LOCATION)
-----	FOREST CONSERVATION EASEMENT LIMIT LINE (PER F-07-012)
-----	FOREST CONSERVATION EASEMENT (PER F-07-012)
-----	FLOODPLAIN (PER F-07-012)
-----	AFFORESTATION (PER F-07-012)
-----	REFORESTATION (PER F-07-012)
-----	STREAM EDGE/CENTERLINE

**SCHEDULE A  
PERIMETER LANDSCAPE EDGE**

CATEGORY	ADJACENT TO ROADWAYS (SFD - FRONT ORIENTATION)	ADJACENT TO PERIMETER PROPERTIES		
		P1 'A'	P2 'A'	P3 'A'
LANDSCAPE TYPE	N/A	1168 L.F.	707 L.F.	645 L.F.
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	N/A	56 L.F.	433 L.F.	N/A
CREDIT FOR EXISTING VEGETATION (DESCRIBE BELOW IF NEEDED)	N/A	N/A	N/A	N/A
CREDIT FOR BERM (DESCRIBE BELOW IF NEEDED)	N/A	N/A	N/A	N/A
NUMBER OF PLANTS REQUIRED	N/A	19	5	11
SHADE TREES	N/A	0	0	0
EVERGREEN TREES	N/A	0	0	0
SHRUBS	N/A	0	0	0
NUMBER OF PLANTS PROVIDED	N/A	19	5	11
SHADE TREES	N/A	0	0	0
EVERGREEN TREES	N/A	0	0	0
OTHER TREES (2:1 SUBSTITUTION)	N/A	0	0	0
SHRUBS	N/A	0	0	0
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)				

**SCHEDULE D  
STORMWATER MANAGEMENT AREA LANDSCAPING**

LINEAR FEET OF PERIMETER	640 L.F. TYPE 'B'	273 L.F. TYPE 'C'
NUMBER OF PLANTS REQUIRED	13	7
SHADE TREES	16	14
EVERGREEN TREES	N/A	N/A
CREDIT FOR EXISTING VEGETATION (DESCRIBE BELOW IF NEEDED)	N/A	N/A
CREDIT FOR BERM (DESCRIBE BELOW IF NEEDED)	N/A	N/A
NUMBER OF PLANTS PROVIDED	13	7
SHADE TREES	16	14
EVERGREEN TREES	0	0
OTHER TREES (2:1 SUBSTITUTION)	0	0
SHRUBS	0	0
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)		

- NOTES:**
- SPECIES AND DISTRIBUTION OF LANDSCAPE MATERIAL TO BE PROVIDED AND AMOUNT OF LANDSCAPE SURETY TO BE POSTED TO BE DETERMINED AT FINAL PLAN STAGE.
  - NO STREET TREES ARE TO BE PLACED WITHIN 10' OF A PROPOSED DRIVEWAY.
- STREET TREE TABULATION (PUBLIC ACCESS STREET 'A')**
- STREET TREES REQUIRED: 41 TOTAL  
1620 L.F. @ 1 TREE/40 L.F. = 41
- STREET TREES PROVIDED: 41 TOTAL. ALL NEW TREES TO BE PROVIDED SHALL BE SHADE TREES.
- STREET TREE TABULATION (LIME KILN ROAD)**
- TREES REQUIRED: 32 TOTAL  
1282 L.F. @ 1 TREE/40 L.F.
- TREES PROVIDED: 34 TOTAL CREDIT REQUESTED FOR 15 EXISTING TREES ALONG LIMEKILN ROAD THAT DO NOT INTERFERE WITH EX. 60KV OVERHEAD ELECTRIC LINE, 34 MINOR/FLORING TREES THAT MEET EDGE GREEN ZONE REQUIREMENTS FOR PLANTING NEAR UTILITY LINES ARE PROPOSED TO FULFILL THE REMAINING STREET TREE REQUIREMENTS.
- NOTE:** THE DEVELOPER WILL BE RESPONSIBLE FOR LANDSCAPE OBLIGATIONS AT THE FINAL PLAN. THE FINANCIAL SURETY FOR THE REQUIRED INSTALLATION OF THE STREET TREES WILL BE POSTED AS PART OF THE DPA DEVELOPER'S AGREEMENT FOR ROAD CONSTRUCTION. THE LANDSCAPING SURETY FOR THE REMAINDER OF THE REQUIRED LANDSCAPING WILL BE POSTED WITH THE DEVELOPER'S AGREEMENT ASSOCIATED WITH THE SWM CONSTRUCTION AND MAINTENANCE.

**DATA SOURCES:**  
 EX. TOPOGRAPHY SHOWN PER AERIAL SURVEY BY VIRGINIA RESOURCE MAPPING, DATE OF CAPTURE IS SPRING 2006. EX. SOIL INFORMATION SHOWN PER HOWARD COUNTY SOIL SURVEY, 1988. EX. WETLAND AND STREAM LOCATIONS SHOWN PER FIELD INVESTIGATION BY MARLEN ENVIRONMENTAL, INC. IN SPRING 2006. EX. OFF-PROPERTY WELL AND SEPTIC LOCATION APPROXIMATED FROM HOWARD COUNTY HEALTH DEPARTMENT RECORDS AND FIELD INVESTIGATION BY DEMARCO DESIGN CONSULTANTS, INC. SPRING 2006.

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 SELFIDGE BUILDERS  
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**PRELIMINARY EQUIVALENT SKETCH PLAN  
 HOLLY HOUSE FOR  
 A RESUBDIVISION OF HOLLY HOUSE  
 MEADOWS BUILDABLE BULK PARCEL 'A'**

**PRELIMINARY LANDSCAPE PLAN**

**8TH ELECTION DISTRICT HOWARD COUNTY, MD**

NO.	DESCRIPTION OF CHANGES	DRN.	REV.	DATE
TAX ACC. #	05-342775	DES. BY:	AJS	
ZONE / USE:	RR-DEO	DRN. BY:	AJS	
DWG. SCALE:	1"=100'	CHK. BY:	AJS	
DATE:	04/17/2007			
DDC JOB#:	05127.3			

04/05/2007

**STATE OF MARYLAND  
 LANDSCAPE ARCHITECT**

ANDREW J. STINE  
 LANDSCAPE ARCHITECT NO. 3222

TENTATIVELY APPROVED: DEPARTMENT OF PLANNING AND ZONING OF HOWARD COUNTY  
 Planning Director Date 4/4/07

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 County Health Department Date 5/11/2007