

COORDINATE TABLE		
POINT	NORTH	EAST
45	528801.540	831232.065
66	529438.461	832595.918
67	528534.502	832106.926
70	529171.996	832304.135
71	529113.560	832495.407
72	530365.893	831058.116
125	530143.413	830826.628
128	529756.460	830519.536
212	528911.218	830393.844
214	528541.206	832109.001

HORIZONTAL CURVE DATA TABULATION					
STREET NAME	P.C. STA.	P.T. STA.	RADIUS	ARC LENGTH	DELTA
DONNA MARIE PLACE	2+70	4+11.37	45'	141.37'	180°00'00"
DONNA MARIE PLACE	7+81.37	9+22.74	45'	141.37'	180°00'00"
JOSEPHINE WALK	1+23.49	1+72.48	932.18'	39.99'	2°27'29"
JOSEPHINE WALK	8+15.48	8+71.33	80'	54.72'	40°00'00"
JOSEPHINE WALK	9+17.32	9+91.32	80'	74.00'	53°00'00"
JOSEPHINE WALK	16+50	17+13	40'	63'	90°00'00"
JOSEPHINE WALK	17+53	18+16	40'	63'	90°00'00"
JOSEPHINE WALK	19+26	19+89	40'	63'	90°00'00"
TERRA MARIA WAY	0+44.54	1+46.63	428'	101.85'	13°40'02"
TERRA MARIA WAY	1+46.63	2+51.75	403'	104.82'	14°56'44"
TERRA MARIA WAY	5+54.65	6+15.39	80'	59.29'	43°30'00"
TERRA MARIA WAY	6+49.19	7+09.93	80'	59.29'	43°30'00"
ST. CHARLES PLACE	3+31.86	3+94.89	80'	61.23'	45°00'00"
ST. CHARLES PLACE	4+38.42	5+01.25	80'	61.23'	45°00'00"
ST. CHARLES PLACE	5+99.98	6+62.81	80'	61.23'	45°00'00"
ST. CHARLES PLACE	7+11.54	7+92.27	100'	78.56'	46°15'17"
KATHERINE PLACE	2+43.36	2+97.83	80'	53.42'	39°00'41"
KATHERINE PLACE	5+12.29	5+83.48	80'	68.87'	50°59'19"
KATHERINE PLACE	5+93.48	6+72.02	50'	70.71'	90°00'00"
KATHERINE PLACE	10+22.02	10+80.56	50'	78.54'	90°00'00"
GROTTO WAY	1+24.83	1+76.50	80'	50.78'	37°00'47"

SCHEDULE D STORMWATER MANAGEMENT AREA LANDSCAPING	
LINEAR FEET OF PERIMETER	834 LF
NUMBER OF TREES REQUIRED	
SHADE TREES • 1/50 LF	834 LF / 50 = 17 SHADE TREES
EVERGREEN TREES • 1/40 LF	834 LF / 40 = 21 EVERGREEN TREES
CREDIT FOR EXISTING VEGETATION (YES, NO, AND %)	YES, 283 LF (34%) OF EXISTING FOREST
CREDIT FOR OTHER LANDSCAPING (NO, YES, AND %)	YES, 156 LF (19%) OF PERIMETER PLANTING (PERIMETER 1) REQUIRED.
NUMBER OF TREES PROVIDED	834 LF - (283 LF + 156 LF) = 395 LF
SHADE TREES	395 LF / 50 = 8 SHADE TREES
EVERGREEN TREES	395 LF / 40 = 10 EVERGREEN TREES
OTHER TREES (2:1 SUBSTITUTION)	

CATEGORY	ADJACENT TO PERIMETER PROPERTIES							
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	PERIMETER 1 667.0 LF	PERIMETER 3 a. 30.0 LF	PERIMETER 3 b. 434.0 LF	PERIMETER 3 c. 390.0 LF	PERIMETER 4 823.0 LF	PERIMETER 6 340.0 LF	PERIMETER 7 200.0 LF	PERIMETER 7 200.0 LF
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	YES*	YES* 240 LF	YES*	YES*	YES*	YES*	YES*
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO	NO
NUMBER OF PLANTS REQUIRED	SFD SIDE/REAR TO SFD 667.0 / 60 = 11	SFD SIDE/REAR TO SFD 30.0 / 60 = 1	SFD SIDE/REAR TO SFD 194.0 / 60 = 3	SFD SIDE/REAR TO SFD 390.0 / 60 = 6	SFD SIDE/REAR TO SFD 823.0 / 60 = 13	SFD SIDE/REAR TO SFD 340.0 / 60 = 5	SFD SIDE/REAR TO SFD 200.0 / 60 = 3	SFD SIDE/REAR TO SFD 200.0 / 60 = 3
NUMBER OF PLANTS PROVIDED	11 SHADE TREES	N/A*	3 SHADE TREES	N/A*	N/A*	N/A*	N/A*	N/A*
SHADE TREES								
EVERGREEN TREES								
OTHER TREES (2:1 SUBSTITUTION)								
SHRUBS (1:1 SUBSTITUTION)								
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)								

COMMENTS:  
\* WE ARE REQUESTING A 100% CREDIT TOWARDS THE PERIMETER LANDSCAPE BUFFER REQUIREMENT, ONLY IN AREAS WHERE EXISTING FOREST IS BEING PRESERVED AND THE NUMBER OF TREES EXCEEDS THE PLANTING REQUIREMENT.

CATEGORY	ADJACENT TO ROADWAYS											
	B	N/A	B	N/A	B	B	N/A	N/A	B	N/A	N/A	
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	PERIMETER 2 a. 160.0 LF	PERIMETER 2 b. 125.0 LF	PERIMETER 2 c. 106.0 LF	PERIMETER 2 d. 210.0 LF	PERIMETER 2 e. 364.9 LF	PERIMETER 2 f. 20.0 LF	PERIMETER 2 g. 333.1 LF	PERIMETER 2 h. 133.0 LF	PERIMETER 2 i. 156.0 LF	PERIMETER 2 j. 59.0 LF	PERIMETER 5 1787.8 LF	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	333 LF	133 LF	NO	59 LF	1567 LF	
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
NUMBER OF PLANTS REQUIRED	SFD SIDE/REAR TO ROAD 160.0 / 50 = 3 160.0 / 40 = 4	SFD FRONT TO ROAD NO REQUIREMENT NEEDED	SFD SIDE/REAR TO ROAD 106.0 / 50 = 2 106.0 / 40 = 2	SFD FRONT TO ROAD NO REQUIREMENT NEEDED	NON-RESIDENTIAL TO ROAD 364.9 / 50 = 7 364.9 / 40 = 9	N/A	SFD SIDE/REAR TO ROAD 333.1 / 50 = 6 333.1 / 40 = 8	SFD SIDE/REAR TO ROAD 133.0 / 50 = 2 133.0 / 40 = 3	SFD SIDE/REAR TO ROAD 156.0 / 50 = 3 156.0 / 40 = 3	SFD SIDE/REAR TO ROAD 59.0 / 50 = 1 59.0 / 40 = 1	SFD SIDE/REAR TO ROAD 220.0 / 50 = 4 220.0 / 40 = 5	
NUMBER OF PLANTS PROVIDED	3 SHADE TREES 4 EVERGREEN TREES	N/A	2 SHADE TREES 2 EVERGREEN TREES	N/A* TO BE REFORESTED	7 SHADE TREES 9 EVERGREEN TREES	N/A	N/A*	N/A*	3 SHADE TREES 3 EVERGREEN TREES	N/A*	4 SHADE TREES 5 EVERGREEN TREES	
SHADE TREES												
EVERGREEN TREES												
OTHER TREES (2:1 SUBSTITUTION)												
SHRUBS (1:1 SUBSTITUTION)												
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)												

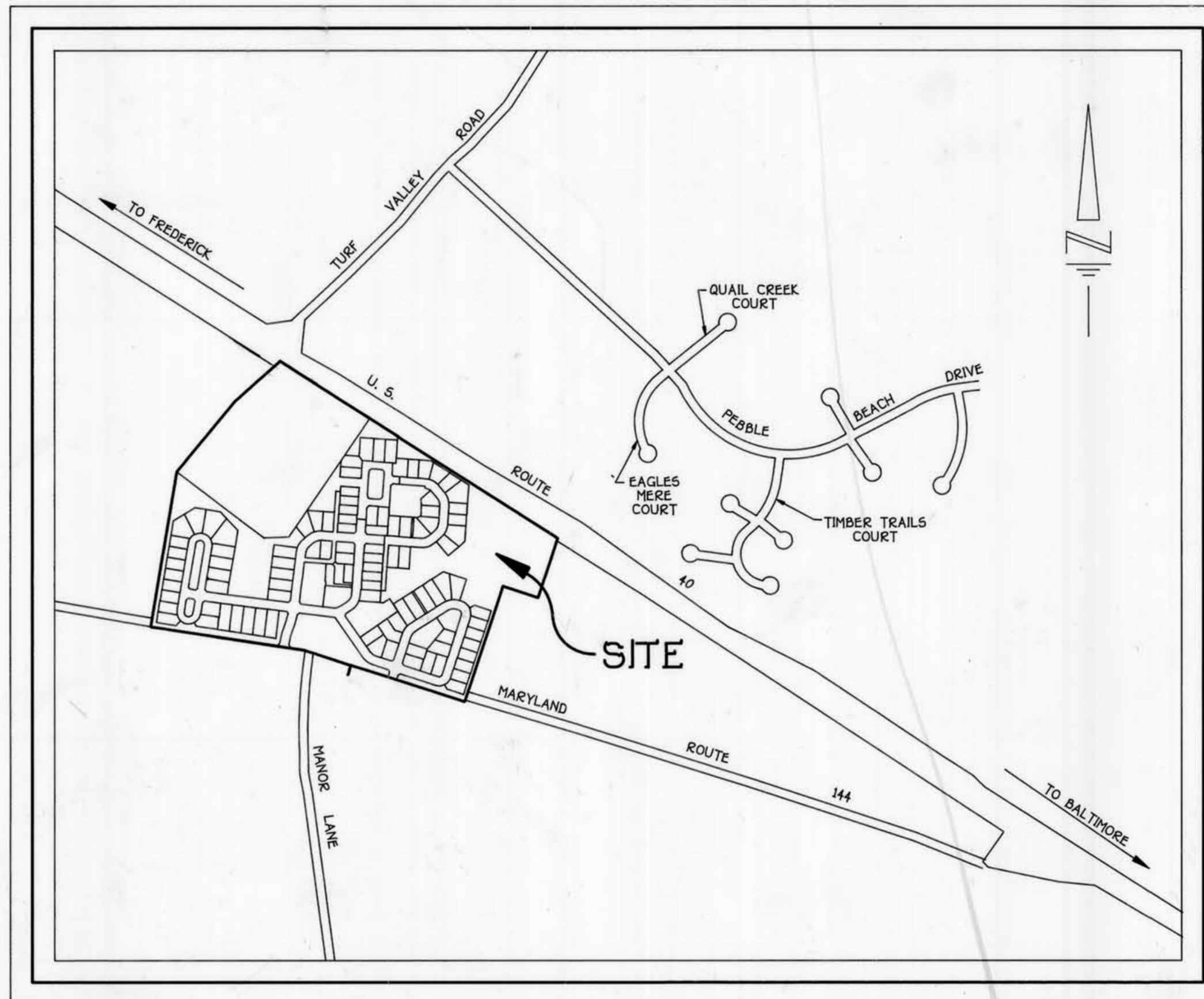
COMMENTS:  
\* WE ARE REQUESTING A 100% CREDIT TOWARDS THE PERIMETER LANDSCAPE BUFFER REQUIREMENT, ONLY IN AREAS WHERE EXISTING FOREST IS BEING PRESERVED AND THE NUMBER OF TREES EXCEEDS THE PLANTING REQUIREMENT.

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
3671 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLICOTT CITY, MARYLAND 21842  
410-661-2955

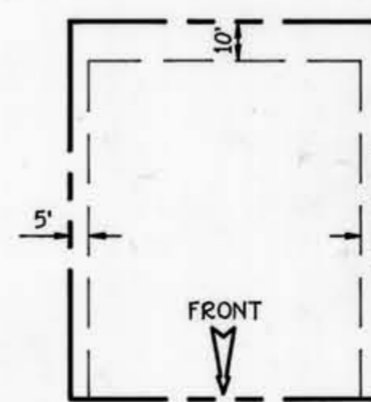
# PRELIMINARY PLAN TERRA MARIA LOT 2-117, PARCELS A,B,C,D & E SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TOTAL LANDSCAPE OBLIGATION		
RESIDENTIAL PERIMETER LANDSCAPED EDGE REQUIREMENT:		
NUMBER OF PLANTS REQUIRED:		
SHADE TREES	69	
EVERGREEN TREES	35	
NUMBER OF PLANTS PROVIDED:		
SHADE TREES	33	
EVERGREEN TREES	23	
COMMENTS: WE ARE REQUESTING A CREDIT (53% OF THE REQUIRED) FOR 36 SHADE TREES AND A CREDIT (35% OF THE REQUIRED) FOR 12 EVERGREEN TREES NEEDED TO FULFILL THE REQUIREMENTS. THE BASIS FOR THIS REQUEST IS THAT EXISTING FOREST IS BEING PRESERVED ADJACENT TO SOME OF THE PERIMETERS (REFER TO SCHEDULE A).		
STORMWATER MANAGEMENT AREA LANDSCAPING:		
NUMBER OF PLANTS REQUIRED:		
SHADE TREES	17	
EVERGREEN TREES	21	
NUMBER OF PLANTS PROVIDED:		
SHADE TREES	8	
EVERGREEN TREES	10	
COMMENTS: WE ARE REQUESTING A CREDIT (53% OF THE REQUIRED) FOR 9 SHADE TREES AND 11 EVERGREEN TREES NEEDED TO FULFILL THE TOTAL PLANTING REQUIREMENTS. THE BASIS FOR THIS REQUEST IS THAT EXISTING FOREST (34% OF THE PERIMETER LENGTH) IS BEING PRESERVED ADJACENT TO THE PERIMETER IN ADDITION TO PERIMETER PLANTING (56% OF THE PERIMETER LENGTH) PROVIDED TO MEET OTHER LANDSCAPE REQUIREMENTS (REFER TO SCHEDULE D).		

STREET TREE REQUIREMENTS:		
NUMBER OF STREET TREES REQUIRED:		
TREES	295	
NUMBER OF PLANTS PROVIDED:		
TREES	282	
COMMENTS: WE ARE REQUESTING A CREDIT (4% OF THE REQUIREMENT) FOR 13 STREET TREES NEEDED TO MEET THE REQUIRED 295 TREES. THIS CREDIT IS BASED ON EXISTING SPECIMEN TREES TO BE PRESERVED ADJACENT TO THE RIGHT-OF-WAYS ON GROTTO WALK (TREE *ST-3, ST-6, AND ST-7), JOSEPHINE WALK (TREE *ST-1 AND ST-9), AND SAINT CHARLES PLACE (TREE *ST-21 AND ST-23).		



VICINITY MAP  
SCALE: 1" = 600'



TYPICAL HOUSE SETBACKS (TND)  
NOT TO SCALE

### BULK REGULATIONS

- MINIMUM SETBACK OF STRUCTURES FOR S.F.D. FROM PROJECT BOUNDARY = 30'
- FRONT OR SIDE SETBACK FROM ANY INTERNAL PUBLIC STREET RIGHT-OF-WAY FOR ALL STRUCTURES = 0'
- SIDE OR REAR SETBACK FROM AN ALLEY RIGHT-OF-WAY FOR ACCESSORY STRUCTURES = 0'
- THE REQUIRED SETBACK FOR PRINCIPAL STRUCTURES FROM LOT LINES:  
FROM SIDE LOT LINE = 5'  
FROM REAR LOT LINE = 10'
- THE REQUIRED SETBACK FOR ACCESSORY STRUCTURES:  
DETACHED GARAGES OR SHEDS = 0'  
OTHER ACCESSORY STRUCTURES: SIDE = 5'  
REAR = 10'

MINIMUM LOTS SIZE CHART						
LOT No.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	100 YEAR FLOODPLAIN	25% SLOPES	MINIMUM LOT SIZE
4	6958 Sq.Ft.	1200 Sq.Ft.	5758 Sq.Ft.			5758 Sq.Ft.
35	9597 Sq.Ft.				2247 Sq.Ft.	7450 Sq.Ft.
36	6707 Sq.Ft.				525 Sq.Ft.	6182 Sq.Ft.

### GENERAL NOTES:

- THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS APPROVED OTHERWISE.
- THIS PROJECT IS SUBJECT TO ZONING CASE ZB 925M AND PLANNING BOARD CASE No. 291.
- PROJECT BACKGROUND:  
a) LOCATION: ON THE NORTH SIDE OF MD. RT. 144 AT THE INTERSECTION WITH MANOR LANE.  
b) TAX MAP 16, PARCEL 11A.  
c) ZONING R-ED UTILIZING THE TRADITIONAL NEIGHBORHOOD DESIGN (TND)  
d) ELECTION DISTRICT: SECOND  
e) TOTAL TRACT AREA: 55.09 AC.  
f) No. OF PROPOSED LOTS: 116  
g) No. OF PROPOSED PARCELS: 5  
h) No. OF BUILDABLE LOTS: 103  
i) No. OF OPEN SPACE LOTS: 12  
j) No. OF CLUB/RECREATION LOTS: 1  
k) PREVIOUSLY APPROVED PLAN: SKETCH PLAN 594-02.
- TOPOGRAPHIC SURVEY WAS PREPARED BY PHOTO SCIENCE, INC. ON 1/19/92.
- BOUNDARY PREPARED BY FISHER, COLLINS AND CARTER, INC. ON 1/13/92.
- HORIZONTAL AND VERTICAL DATUM BASED ON HOWARD COUNTY CONTROL.
- PUBLIC WATER AND PUBLIC SEWER TO BE UTILIZED EXCEPT THAT EXISTING LOT No. 2 TO BE SERVED WITH PRIVATE SEPTIC AND WELL.
- THE PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.
- A.P.F.O. TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP. APPROVED ON 11/12/93.
- WETLANDS ANALYSIS PREPARED BY M.A. DIRKS. APPROVED ON 11/12/93.
- NOISE STUDY PREPARED BY WILSON T. BALLARD AND CO. APPROVED ON 11/12/93.
- AREA OF PROPOSED LOTS: 2912 AC\* (INCLUDING EXISTING LOT 2).
- AREA OF EXISTING LOT No. 2: 12.47 AC\*.
- AREA OF PUBLIC RIGHT-OF-WAYS: 6.67 AC\*.
- TOTAL AREA OF OPEN SPACE LOTS PROVIDED = 18.20 AC\* (SEE "OPEN SPACE REQUIREMENTS" - THIS SHEET (INCLUDES AREAS LESS THAN 35 FEET WIDE)).
- AREA OF PRIVATE ALLEYS: 17,632 Sq.Ft. OR 0.40 AC\*.
- AREA OF CLUB/RECREATION LOTS: 0.70 AC\*.
- ALL APPROVALS TO ALLOW DEVIATION FROM STANDARDS WERE APPROVED AT P.B. CASE No. 291.
- A WAIVER TO ALLOW THE CONSTRUCTION OF S.W.M. POND # 5-5 WAS SUBMITTED TO THE DEPARTMENT OF PUBLIC WORKS FOR CONSIDERATION.
- THE FOLLOWING LOTS ARE LESS THAN 6,000 Sq.Ft. IN NET AREA AND WILL UTILIZE THE "0' LOT LINE OPTION: LOTS 6, 2, 10, 11, 12, 13, 21, 22, 23, 40, 41, 42, 43, 70, 71, 72, 73, 74, 75, 83, 85, 86, 87. THE FINAL DESIGN AND HOUSE LOCATION SHALL BE PROVIDED AT THE SUBSEQUENT DEVELOPMENT PLAN STAGE.

### DENSITY CALCULATION

GROSS AREA OF TRACT: 55.09 AC\*  
LESS THE TOTAL AREA OF STEEP SLOPES 25% AND GREATER: 1.98 AC\*.  
NET AREA OF TRACT: 53.11 AC\*  
NUMBER OF RESIDENTIAL LOTS ALLOWED IN THE R-ED ZONE  
• 2 UNITS PER NET ACRE: 106.  
NUMBER OF RESIDENTIAL LOTS SHOWN: 103.  
NUMBER OF BUILDABLE PARCELS SHOWN: 2. (PARCELS A & B)

### OPEN SPACE REQUIREMENTS

PUBLIC OPEN SPACE REQUIRED  
25% OF THE GROSS SITE ACREAGE = 13.77 AC\*.  
PUBLIC OPEN SPACE PROVIDED = 15.45 AC\* - 0.82 AC\* (AREAS LESS THAN 35' WIDE) = 14.63 AC\*.  
RECREATION OPEN SPACE REQUIRED  
MINIMUM OF 250 Sq.Ft./UNIT = 0.80 AC\*.  
RECREATION OPEN SPACE PROVIDED = 2.75 AC\*.  
TO MEET THE TRADITIONAL NEIGHBORHOOD DESIGN (TND) REQUIREMENTS A MINIMUM OF 20% OF THE REQUIRED PUBLIC OPEN SPACE (13.75 ACRES) WILL BE DEVOTED TO FORMAL PARKS, SQUARES AND GREENS.  
FORMAL OPEN SPACE REQUIRED = 2.75 AC\*.  
FORMAL OPEN SPACE PROVIDED = 2.75 AC\*.  
TOTAL OPEN SPACE PROVIDED (NOT INCLUDING AREAS WHICH ARE LESS THAN 35' WIDE) = 17.38 AC\*.  
NOTE: THE RECREATIONAL OPEN SPACE REQUIREMENT WILL BE MET WITH THE FORMAL OPEN SPACE PROVIDED.

### PARKING REQUIREMENTS

PARKING REQUIRED = 2.0 SPACES/UNIT = 206 SPACES.  
PARKING SUGGESTED = 2.2 SPACES/UNIT = 227 SPACES.  
PER COUNTY COMMENTS:  
PARKING PROVIDED (206 IN GARAGE, 29 PARALLEL PARKING • 8' x 22') = 235 SPACES.

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND  
ZONING OF  
HOWARD COUNTY

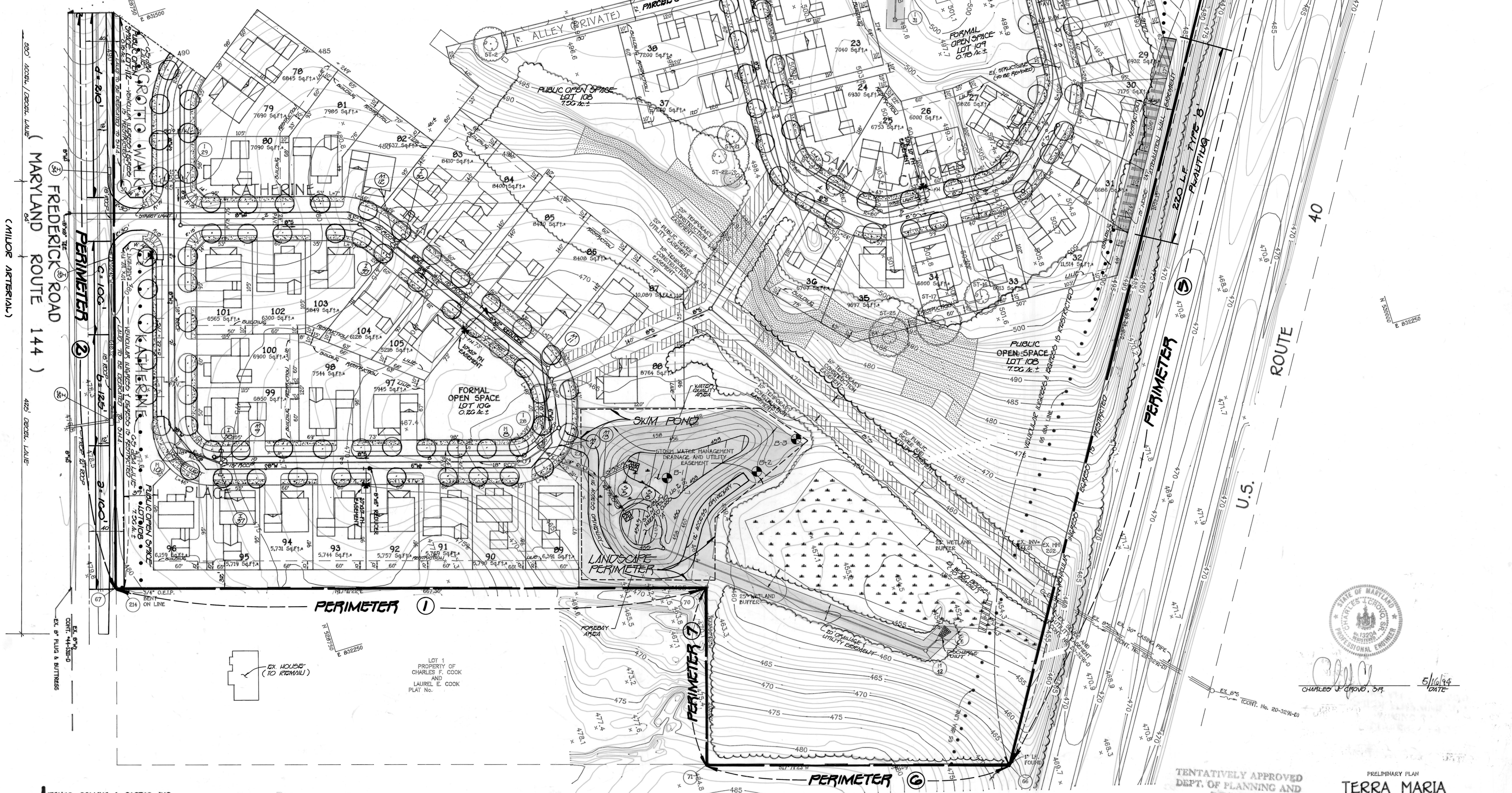
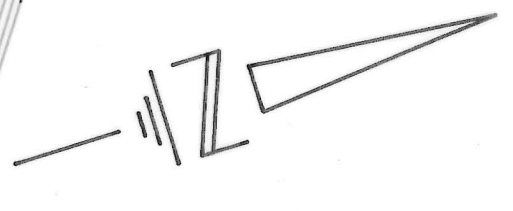
PLANNING DIRECTOR  
DATE: 7/22/94



CHARLES J. CROVO, SR.  
DATE: 5/16/94

LINE SEE

MATCH



FREDERICK ROAD (MARYLAND ROUTE 144)  
(MILIOR ARTERIAL)

ROUTE 40  
U.S.



CHARLES J. GROVES, S.P.  
5/16/94  
DATE

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND  
ZONING OF  
HOWARD COUNTY  
PLANNING DIRECTOR  
8/22/94  
DATE

PRELIMINARY PLAN  
TERRA MARIA  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP IC PARCEL 114  
JULY 21, 1994  
SCALE: 1" = 50'  
SHEET 2 OF 7

FISHER, COLLINS & CARTER, INC.  
CIVIL, ENGINEERING CONSULTANTS & LAND SURVEYORS  
971 BALTIMORE NATIONAL PKWY., SUITE 100  
BLOOMINGTON CITY, MARYLAND 20910  
1800 461-1295

OWNER  
TERRA MARIA LLC, INC.  
P.O. BOX 12624  
COLUMBIA, MARYLAND 21044

DEVELOPER  
LAND DESIGN & DEVELOPMENT, INC.  
10605 HICKORY RIDGE ROAD  
COLUMBIA, MARYLAND 21044

MATCH

LINE

SEE

SHEET

4



MALDEN LAUE (PRIVATE ROAD)  
FREDERICK ROAD 144 (MARYLAND ROUTE 144)  
MILLOE ARTERIAL

U.S. ROUTE 40

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
971 BALTIMORE NATIONAL PIKE, SUITE 100  
ELICOTT CITY, MARYLAND 21042  
410.581.2855

PLAN  
SCALE: 1"=50'

OWNER  
TERRA MARIA LLC, INC.  
PO BOX 2834  
COLUMBIA, MARYLAND 21044

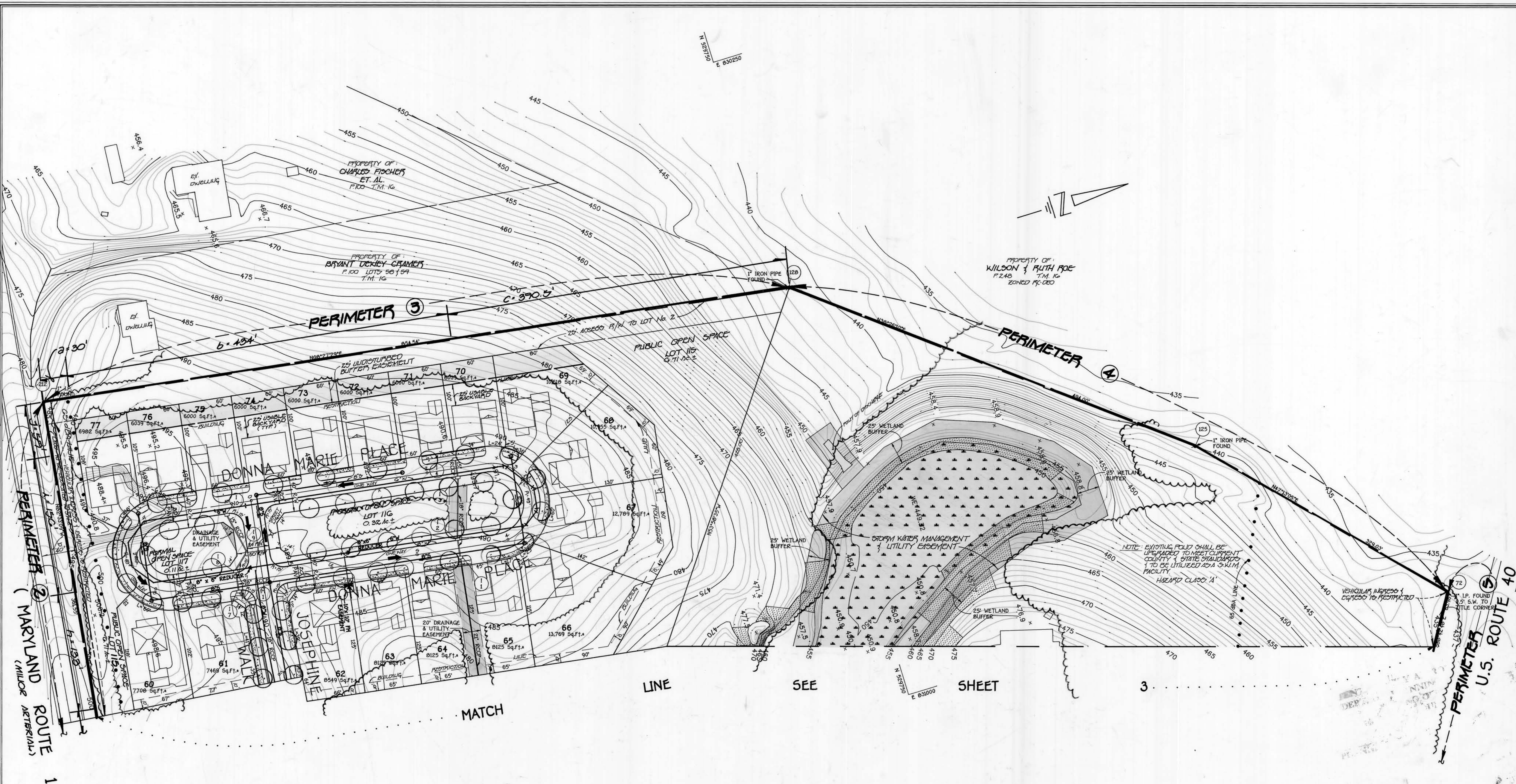
DEVELOPER  
LAND DESIGN & DEVELOPMENT, INC.  
10800 HIGHWAY PIKE ROAD  
COLUMBIA, MARYLAND 21044



CHARLES J. GROVES SR.  
DATE 5/16/94

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND ZONING OF HOWARD COUNTY  
PLANNING DIRECTOR  
DATE 9/22/94

PRELIMINARY PLAN  
TERRA MARIA  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP: 10 PARCEL: 114  
JULY 21, 1994  
SHEET 3 OF 7



**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 8711 BALTIMORE NATIONAL PIKE, SUITE 300  
 BELLEVILLE CITY, MARYLAND 21042  
 410-461-2255

STATE OF MARYLAND  
 CHARLES J. GROVO, SR.  
 PROFESSIONAL ENGINEER  
 5/16/94  
 DATE

**OWNER**  
 TERRA MARIA LLC, INC.  
 P.O. BOX 2824  
 COLUMBIA, MARYLAND, 21044

**DEVELOPER**  
 LAND DESIGN & DEVELOPMENT, INC.  
 10805 HICKORY RIDGE ROAD  
 COLUMBIA, MARYLAND 21044

TENTATIVELY APPROVED  
 DEPT. OF PLANNING AND  
 ZONING OF  
 HOWARD COUNTY  
*Joseph R. Rutter* 7/22/94  
 PLANNING DIRECTOR DATE  
 PRELIMINARY PLAN  
**TERRA MARIA**  
 SECOND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 T&E MAP & PARCEL 114  
 JULY 21, 1994  
 SHEET 4 of 7

FREDERICK ROAD  
( MARYLAND ROUTE 144 )

SHEET 6

LINE SEE

MATCH



LOT 1  
PROPERTY OF  
CHARLES F. COOK  
AND  
LAUREL E. COOK  
PLAT No.



CHARLES J. CROVO, P.E.  
DATE 5/16/94

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
971 BALTIMORE NATIONAL PRIZ, SUITE 100  
ELLSWORTH CITY, MARYLAND 21041  
410-341-2895

**OWNER**  
TERRA MARIA LLC, INC.  
P.O. BOX 22624  
COLUMBIA, MARYLAND 21045

**DEVELOPER**  
LAND DESIGN & DEVELOPMENT, INC.  
10600 HIGHWAY FROGE ROAD  
COLUMBIA, MARYLAND 21044

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

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND  
ZONING OF  
HOWARD COUNTY  
PLANNING DIRECTOR

**TERRA MARIA**  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP 1G PARCEL 114  
JULY 21, 1994  
SCALE: 1" = 50'  
SHEET 5 OF 7

MATCH LINE SEE SHEET 7

U.S. ROUTE 40

FREDERICK ROAD (MARYLAND ROUTE 144)

SHEET 5

LINE SEE

PLAN SCALE: 1"=80'

OWNER: TERRA MARIA LLC, INC. PO. BOX 2864 COLUMBIA, MARYLAND 21045

DEVELOPER: LAND DESIGN & DEVELOPMENT, INC. 10805 HIGHWAY RIDGE ROAD COLUMBIA, MARYLAND 21044



CHARLES J. O'RAND, P.E.

5/16/94 DATE

TENTATIVELY APPROVED DEPT. OF PLANNING AND ZONING OF HOWARD COUNTY PLANNING DIRECTOR 9/22/94

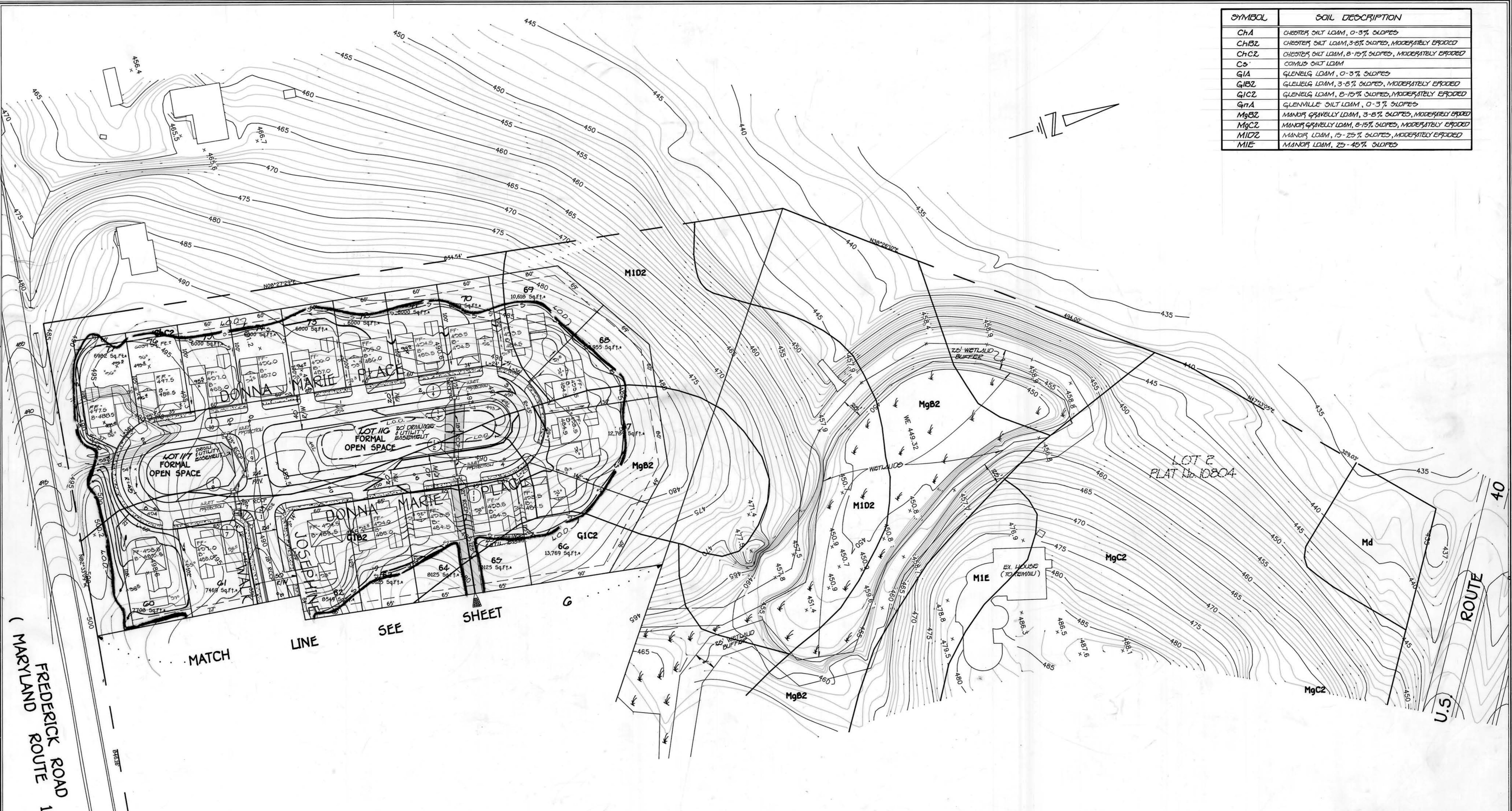
SCHEMATIC GRADING, SOILS MAP & SEDIMENT CONTROL

TERRA MARIA

SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND TAX MAP: IC PARCEL: 114 JULY 21, 1994 SHEET 6 OF 7

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS 971 MALTBORE NATIONAL PARK, SUITE 100 ELICOTT CITY, MARYLAND 21043 (410) 461-2855

SYMBOL	SOIL DESCRIPTION
ChA	CHESTER SILT LOAM, 0-3% SLOPES
ChB2	CHESTER SILT LOAM, 3-8% SLOPES, MODERATELY ERODED
ChC2	CHESTER SILT LOAM, 8-15% SLOPES, MODERATELY ERODED
Cs	COMUS SILT LOAM
G1A	GLENELG LOAM, 0-3% SLOPES
G1B2	GLENELG LOAM, 3-8% SLOPES, MODERATELY ERODED
G1C2	GLENELG LOAM, 8-15% SLOPES, MODERATELY ERODED
GnA	GLENVILLE SILT LOAM, 0-3% SLOPES
MgB2	MANOR GRAVELLY LOAM, 3-8% SLOPES, MODERATELY ERODED
MgC2	MANOR GRAVELLY LOAM, 8-15% SLOPES, MODERATELY ERODED
M1C2	MANOR LOAM, 15-25% SLOPES, MODERATELY ERODED
M1E	MANOR LOAM, 25-45% SLOPES



FREDERICK ROAD 144  
(MARYLAND ROUTE 144)

ROUTE 40  
U.S.

MATCH

LINE SEE SHEET G

PLAN  
SCALE: 1" = 50'

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND  
ZONING OF  
HOWARD COUNTY  
*James Smith* 9/22/94  
PLANNING DIRECTOR JR



*Charles J. Crovo*  
CHARLES J. CROVO, P.E. DATE 5/16/94

**TERRA MARIA**  
SCHEMATIC GRADING, SOILS  
MAP & SEDIMENT CONTROL  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP: 10 PARCEL 114  
JULY 21, 1994  
SCALE: 1" = 50'  
SHEET 7 OF 7

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
971 BALTIMORE NATIONAL PIKE, SUITE 100  
BELLICOTT CITY, MARYLAND 21042  
1989 04 - 2895

**OWNER**  
TERRA MARIA LLC, INC.  
PO BOX 2824  
COLUMBIA, MARYLAND 21046

**DEVELOPER**  
LAND DESIGN & DEVELOPMENT, INC.  
10805 HICKORY RIDGE ROAD  
COLUMBIA, MARYLAND 21044