

VICINITY MAP  
SCALE: 1" = 1000'

**BENCH MARKS**

B.M.#1	ELEV. 429.37
TACK SET IN THE SOUTHWEST CORNER OF BOONIE'S LAKE	
B.M.#2	ELEV. 404.99
P.A. WEL SET IN HUB BETWEEN THE CURB & GUTTER & SIDEWALK @ 18' RIGHT FROM E. STA. 4+18	

**STREET LIGHTS**

\* DELUTES 100 WATT HIGH PRESSURE SODIUM VAPOR LAMP TRADITIONAL POST TOP FIXTURE MOUNTED ON A 14" BLACK FIBER GLASS POLE AT THE FOLLOWING LOCATIONS:

- NORTHEAST CORNER OF BOONIE'S LAKE AND MULLINEAUX LAKE
- SOUTHWEST CORNER OF MULLINEAUX LAKE AND BUNKER DRIVE
- NORTHEAST CORNER OF BOONIE'S LAKE AND BUNKER DRIVE

**PINE MEADOWS AT TURF VALLEY LOTS 1-16**  
SECOND ELECTION DISTRICT HOWARD COUNTY, MD.

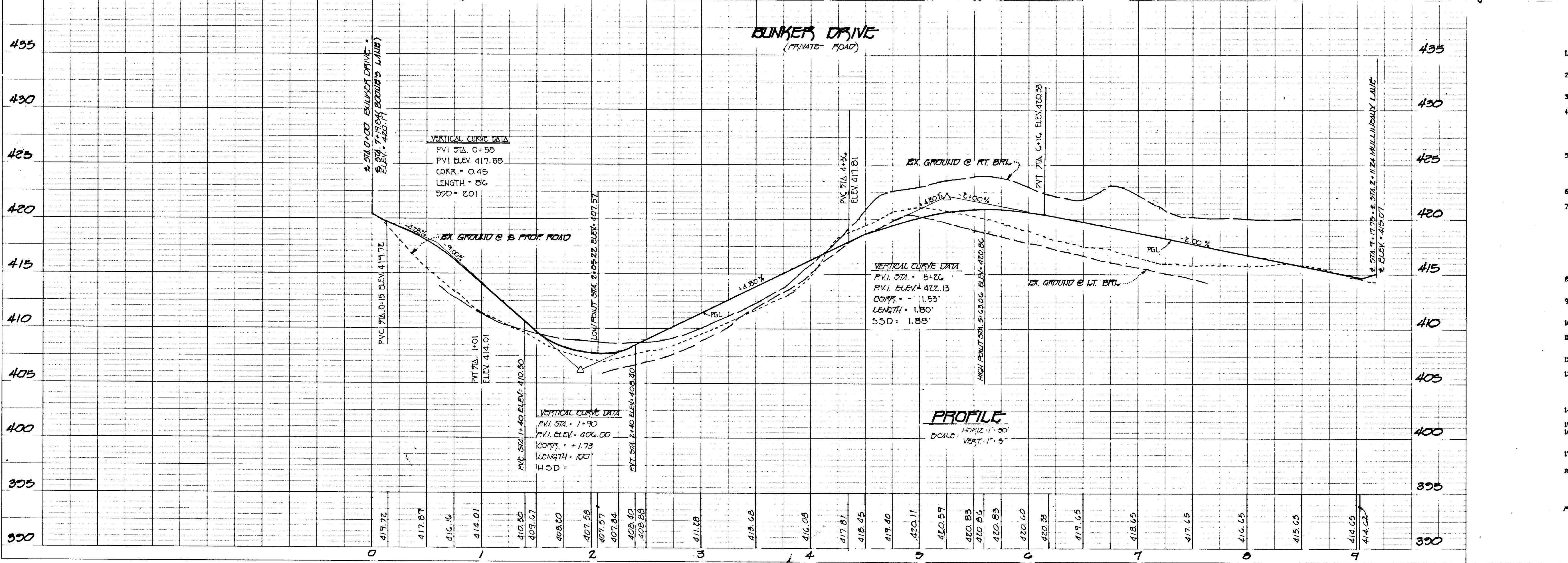
**BOONIE'S LAKE - PLAN**  
**MULLINEAUX LAKE - PLAN**  
**BUNKER DRIVE - PLAN & PROFILE**

**OWNER**  
JOSEPH I. AMY BIRTH 5/14/1924  
3441 BOONIE'S LAKE  
ELICOTT CITY, MD 21042

**DEVELOPER**  
PINE MEADOWS PARTNERSHIP  
5414 LAND O'BAGAN AND DEVELOPMENT, INC.  
10805 HICKORY RIDGE ROAD  
COLUMBIA, MARYLAND 21044

SCALE: AS SHOWN DATE: MAY 31, 1994 DWG NO. 1 OF 6  
DES. P.A.I. DRN. C.J.C. CHK. C.J.C.

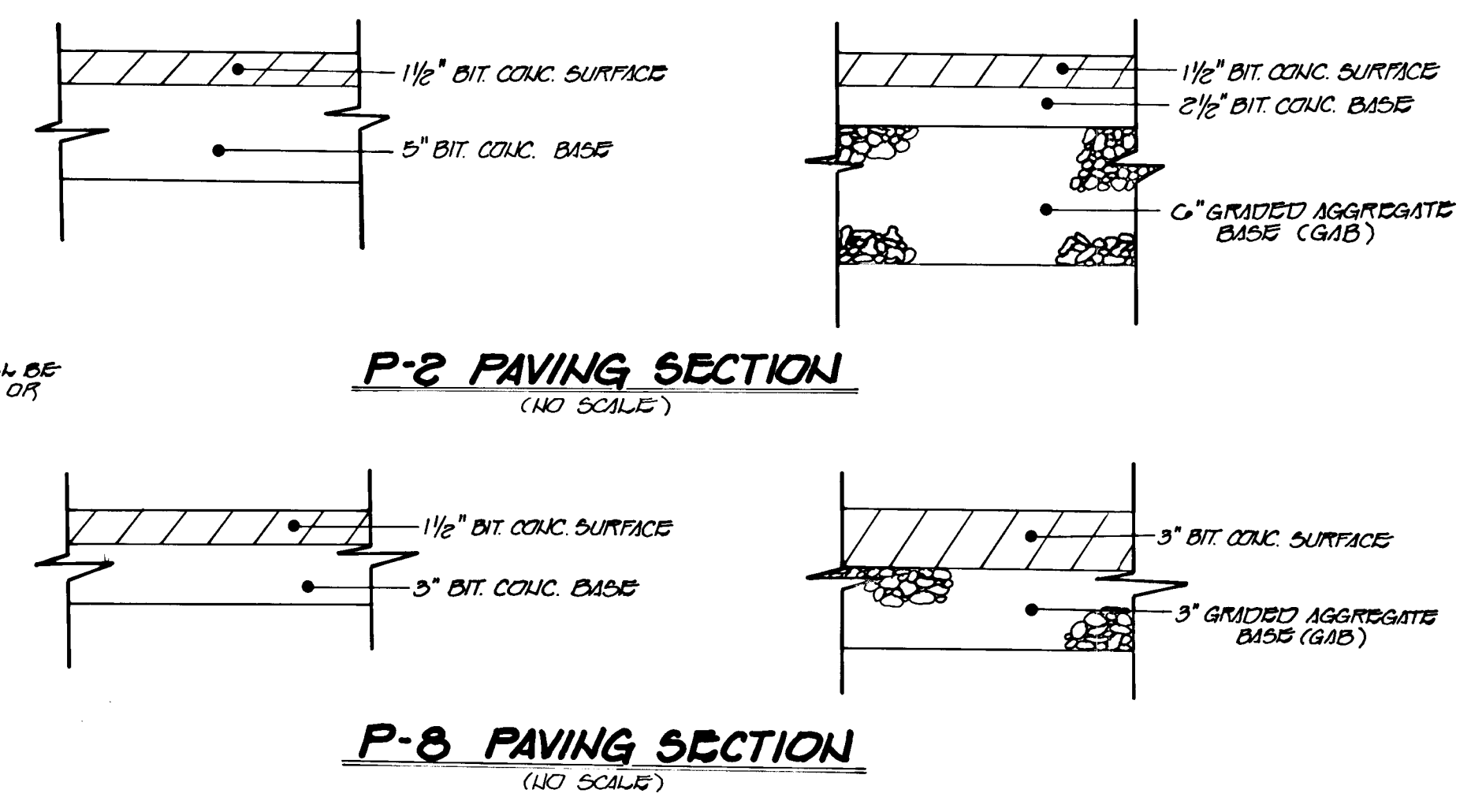
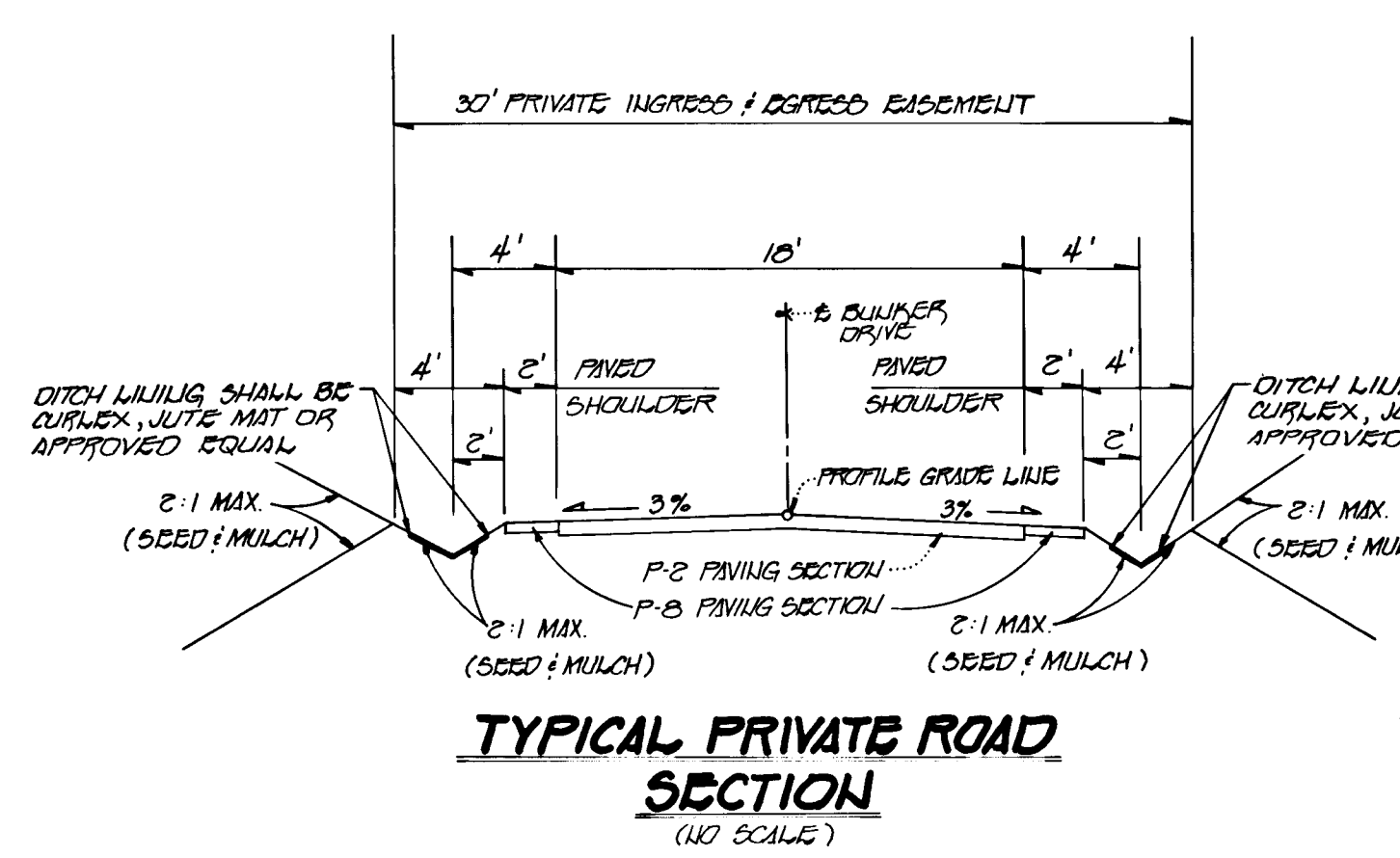
**FISHER, COLLINS AND CARTER, INC.**  
CIVIL ENGINEERS AND LAND SURVEYORS  
171 BALTIMORE NATIONAL PIKE, SUITE 100  
ELICOTT CITY, MARYLAND 21042 (410) 421-1250



- GENERAL NOTES**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS HMA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1870 AT LEAST FIFTEEN (15) 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: TAX MAP 17, PARCEL 125  
ZONING: R-20  
ELECTION DISTRICT: SECOND  
TOTAL TRACT AREA: 7467 AC  
NUMBER OF PROPOSED LOTS: 15
  - 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.
  - FIELD SURVEY PERFORMED ON OR ABOUT SEPTEMBER 30, 1993 BY FISHER, COLLINS & CARTER, INC.
  - COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROVIDED BY HOWARD COUNTY GEODETIC CONTROL SYSTEM NO. 3440001 AND NO. 3639002.
  - 3440001 N 534735.481  
E 636286.294  
N 533593.800  
3639002 E 637983.249
  - LIGHT POLES AND FIXTURES FOR STREET LIGHTS SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY DESIGN MANUAL VOLUME III, ROADS AND BRIDGES.
  - PUBLIC WATER AND PUBLIC SEWER SYSTEMS ARE TO BE UTILIZED FOR THIS SITE WHICH IS IN THE PATAPSCO DRAINAGE AREA, CONTRACT NO. \_\_\_\_\_
  - NO DAMAGE TO ANY PUBLIC RIGHTS-OF-WAY, PAYING OR UTILIZED WILL BE CORRECTED AT CONTRACTORS EXPENSE.
  - STORM WATER MANAGEMENT WILL BE PROVIDED BY UTILIZING THE EXISTING STORM WATER MANAGEMENT POND IN "THE BLUFFS AT PINE ORCHARD" SUBDIVISION - F89-229.
  - FLOODPLAIN STUDY DONE UNDER F89-229 FOR THIS SUBDIVISION AND APPROVED ON MAY 10, 1993.
  - THE WETLANDS SHOWN ON THESE PLANS WERE DELINEATED BY E.S.A. INC. AND APPROVED ON JANUARY 31, 1994.
  - BOUNDARY SURVEY WAS PREPARED BY FISHER, COLLINS & CARTER, INC. ON JUNE 8, 1993.
  - NOISE ANALYSIS IS NOT APPLICABLE FOR THIS SUBDIVISION.
  - SKETCH PLAN FILE REFERENCE 593-22 APPROVED ON SEPTEMBER 13, 1993. PRELIMINARY FILE REFERENCE P94-02 APPROVED ON JANUARY 31, 1994.
  - EXISTING UTILITIES WERE LOCATED BY FIELD RUN TOPO DATED DATED SEPTEMBER 30, 1993.
  - U.S. ARMY CORPS OF ENGINEERS AND WATER QUALITY PERMITS HAVE BEEN OBTAINED FOR THIS PROJECT.  
ALSO SEE CIVIL 001 OF PERMITS  
DATE OF EXPIRATION DATE - NOVEMBER 22, 1997
  - THIS PLAN IS SUBJECT TO W.P. 94-170 WHICH THE PLANNING DIRECTOR APPROVED ON NOVEMBER 10, 1994. A WATERSHED FROM SECTION 10 1/2 S 1 E 1 (11) TO PERMIT THE REMOVAL OF VEGETATIVE COVER AND GRADING WITHIN A 70' CT CORRECTIONAL STREAM BUFFER FOR CONSTRUCTION OF THE RIF RAP OUTFALL FOR STORM DRAIN STRUCTURE 5-2 AND THE RIF RAP OUTFALL AND PIPE FOR THE CURB & GUTTER FACILITY.

1725

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 STRUCTURE NO. \_\_\_\_\_



**RIP-RAP CHANNEL DESIGN DATA**

STRUCTURE	AREA	WETTED PERIMETER	R	R 2/3	S	S 1/2	B	d	N	V	q	RIP-RAP SIZE	BLANKET THICKNESS
										f.p.s.	c.f.s.	D50	DMAX
* 5-1	3470	8.925	0.6451	0.7609	0.005	0.071	4.50	0.90'	0.035	8.24	12.64	C	9" 14"

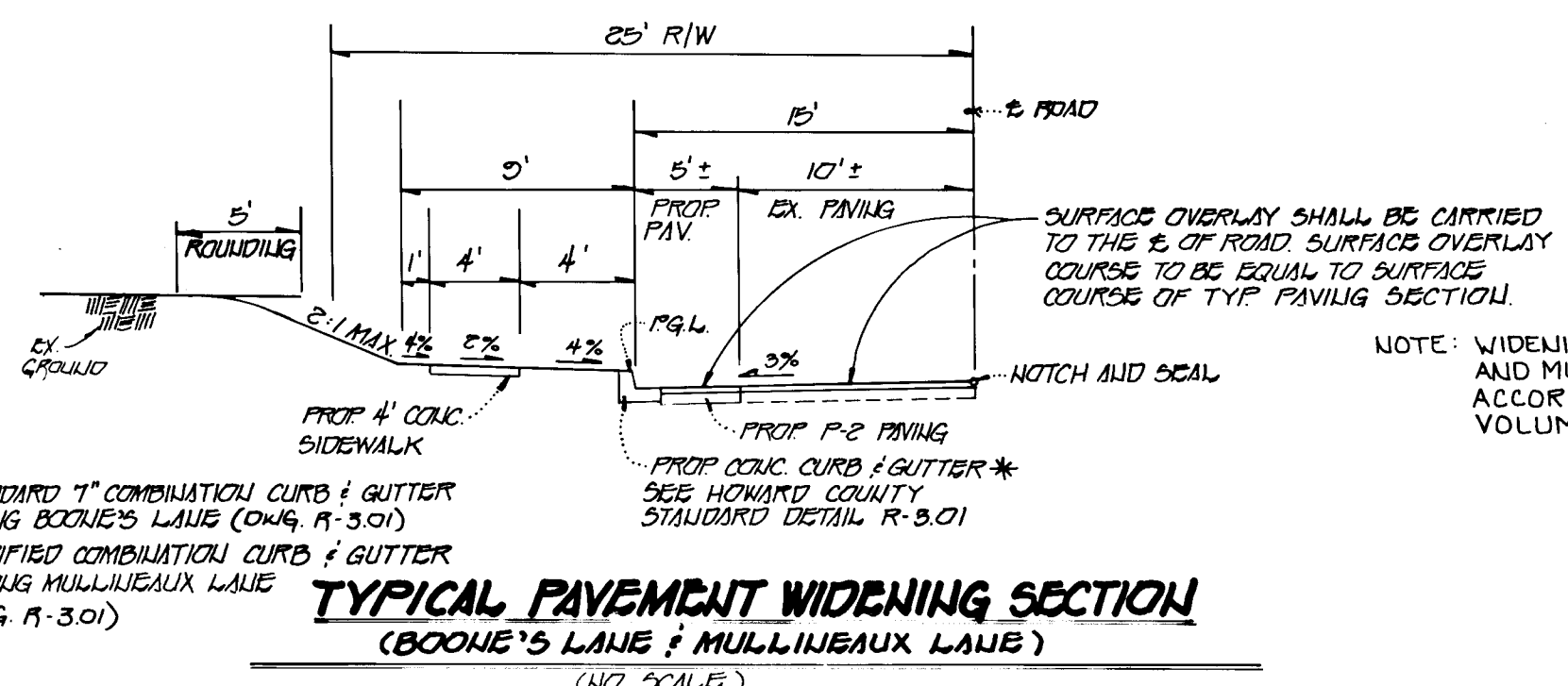
\* %E STILLING BASIN DETAIL SHEET NO. 4 OF 6

ROAD NAME	CLASSIFICATION	DESIGN SPEED	ROAD	STATION LIMITS
BOONE'S LANE	LOCAL ROAD	30 MPH	R-20	STA. 0+00 TO STA. 5+50
MULLINEAUX LANE	LOCAL ROAD	30 MPH	R-20	STA. 0+00 TO STA. 4+07.50

**DITCH LINING CHART**

ROAD	FROM	TO	LOCATION	d
BUNKER DRIVE	0+40	4+50	RIGHT OF E	0.52'
BUNKER DRIVE	0+40	4+50	LEFT OF E	0.85'

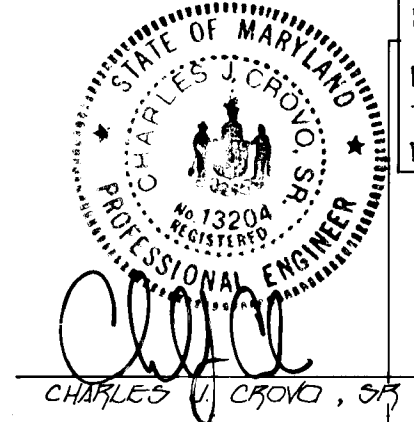
APPROVED: DEPARTMENT OF PUBLIC WORKS  
 [Signature] MK 1/26/95  
 [Signature] MS 12-20-94  
 APPROVED: DEPARTMENT OF PUBLIC WORKS  
 [Signature] 1/27/95  
 APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 [Signature] 2/3/95



NOTE: WIDENING ALONG BOONE'S LANE AND MULLINEAUX LANE SHALL BE IN ACCORDANCE WITH DETAIL R10.01 VOLUME II DESIGN MANUAL

DL SIGHT DISTANCE LEFT TURN REQUIRED: 330'  
 UNLIMITED SIGHT DISTANCE DL LEFT TURN PROVIDED  
 DL SIGHT DISTANCE RIGHT TURN REQUIRED: 300'  
 DL SIGHT DISTANCE RIGHT TURN PROVIDED: UNLIMITED

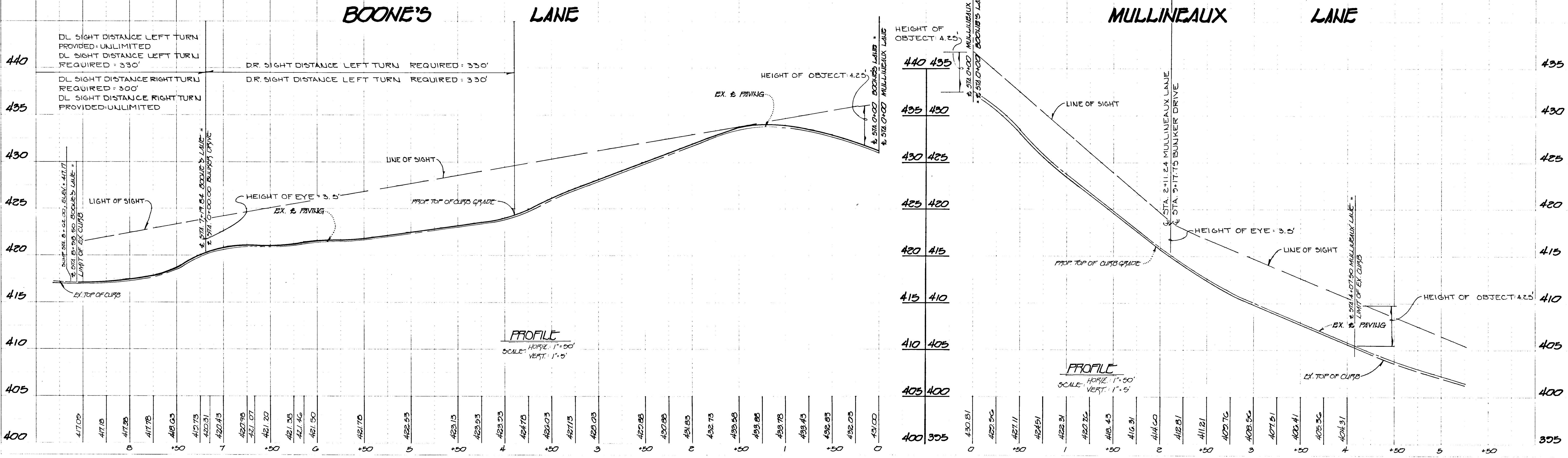
DR SIGHT DISTANCE LEFT TURN REQUIRED: 330'  
 DR SIGHT DISTANCE LEFT TURN PROVIDED: UNLIMITED



**PINE MEADOWS AT TURF VALLEY**  
 LOTS 1-10  
 SECOND ELECTION DISTRICT  
 HOWARD COUNTY, MD  
 MULLINEAUX LANE - WIDENING PROFILE  
 BOONE'S LANE - WIDENING PROFILE, TYPICAL ROAD SECTION AND DETAILS  
 OWNER: JOSEPH & AMY BARTH, 5141 BOONE'S LANE, BELLICOTT CITY, MD 21106  
 DEVELOPER: PINE MEADOWS PARTNERSHIP, 96 LAND DESIGN AND DEVELOPMENT, LLC, 10825 HICKORY RIDGE ROAD, COLUMBIA, MARYLAND 21044  
 SCALE: AS SHOWN  
 DATE: MAY 31, 1994  
 DES: B.A.Z. DRN: J.C.L. CHK: C.J.C.  
 FISHER COLLINS AND CARTER, INC.  
 CIVIL ENGINEERS AND ARCHITECTS  
 971 BALTIMORE NAT'L PINE BLVD., BELLICOTT CITY, MARYLAND 21104  
 (410) 461-2825

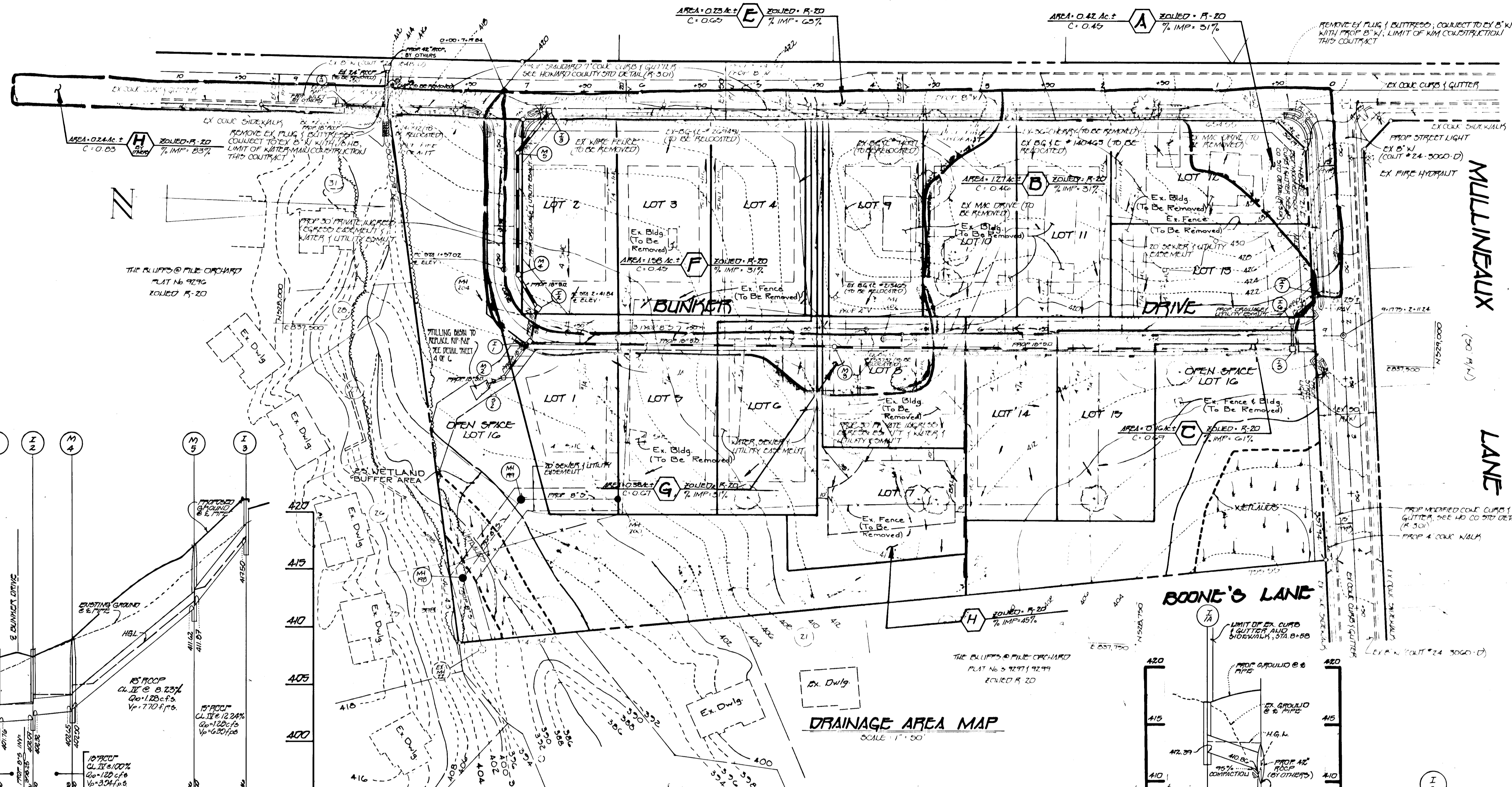
1725

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 STRUCTURE NO. \_\_\_\_\_



# BOONE'S LANE

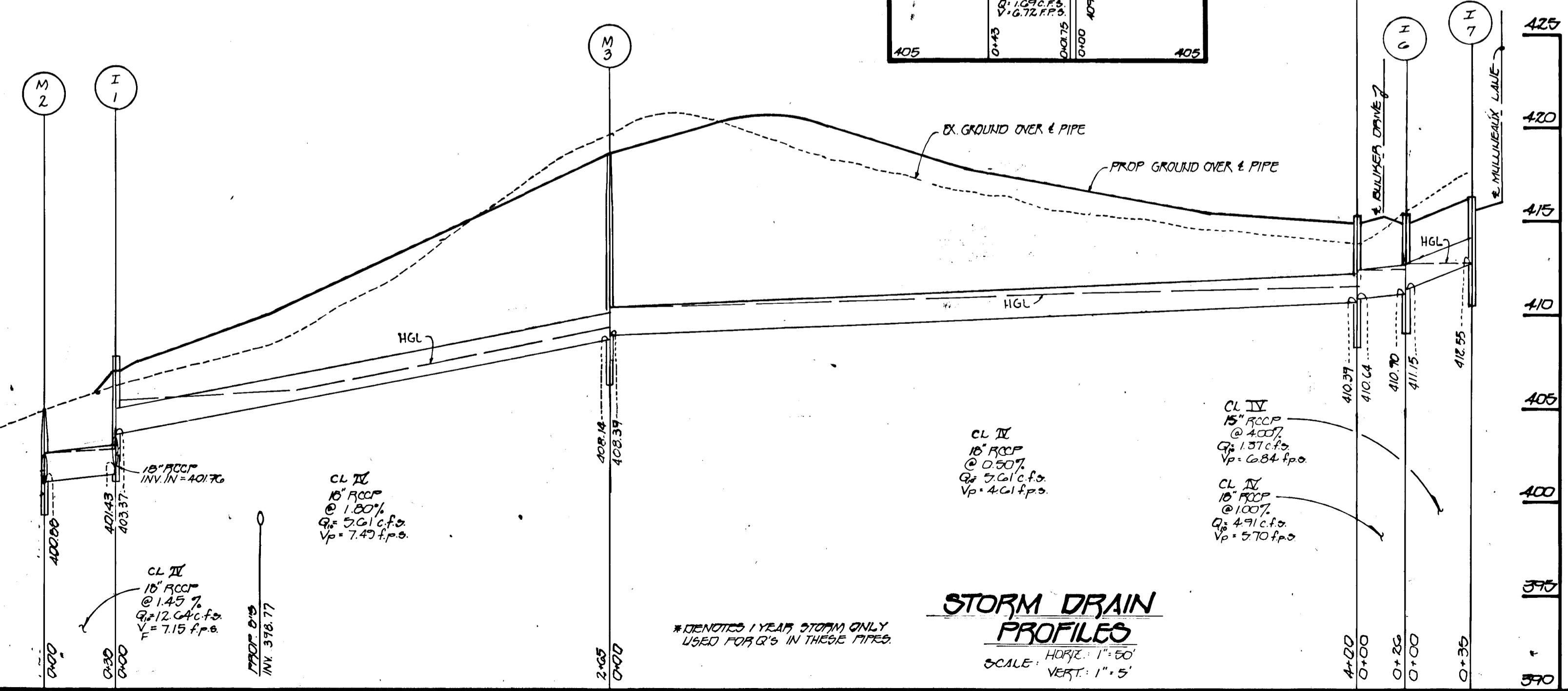
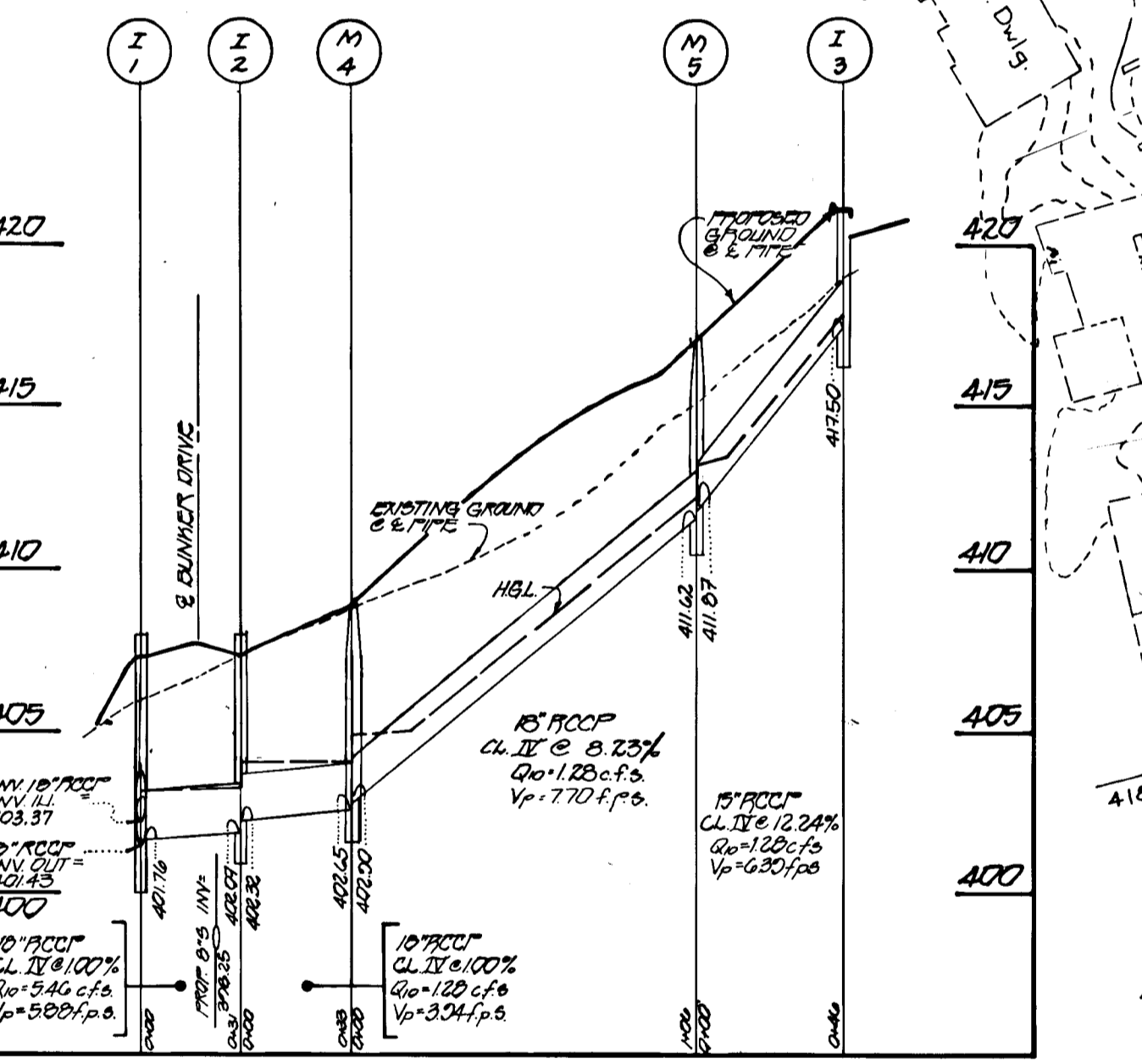
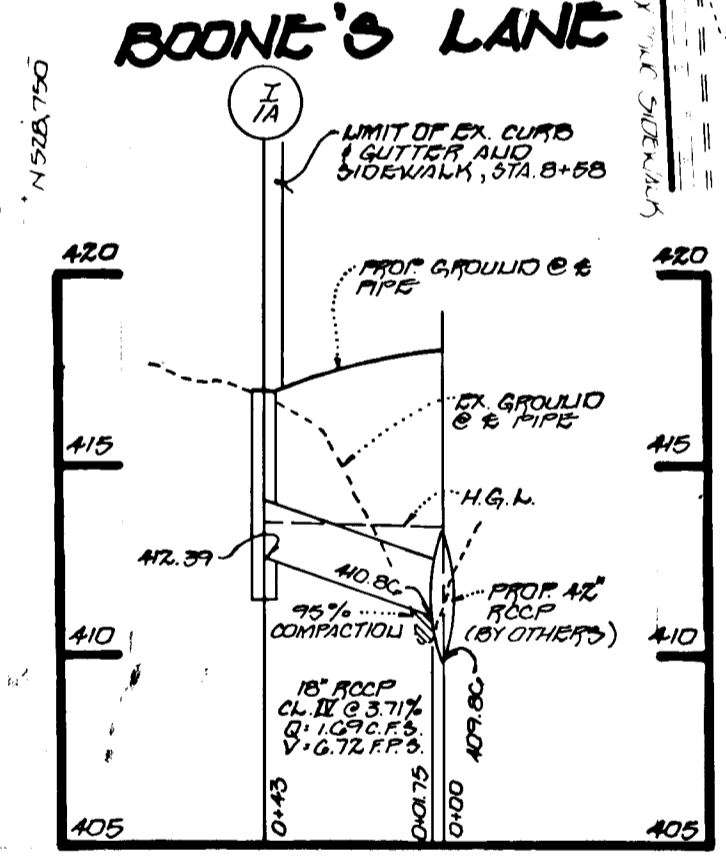
APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*John D. ...* 1/26/95  
 CHIEF, LAND DEVELOPMENT DIVISION MK  
*Richard M. ...* 12-20-99  
 CHIEF, BUREAU OF HIGHWAYS MS  
*Paul ...* 1/27/95  
 CHIEF, BUREAU OF ENGINEERING  
 DEPARTMENT OF PLANNING AND ZONING  
*Anna ...* 2/3/95  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH



PRIVATE ROAD CURVE 16.1  
 E STA 1+5702 to E STA 2+4104  
 E.S. 04.00  
 L. 04.00  
 T. 54.00  
 Δ = 90.0000°  
 CHD = N42°54'21"E, 76.56'

STRUCTURE SCHEDULE									
STRUCTURE NO.	TOP ELEVATION	INV. IN.	INV. OUT.	ROAD NAME	ROAD STA.	OFFSET	TYPE	REMARKS	
I-1	407.00	403.37	401.76	BUNKER'S DRIVE	2+13.00	±13'9"	K INLET	5.0' 4.13	
I-2	407.20	402.32	402.07	"	2+09.22	±13'L	K INLET	5.0' 4.13	
I-3	420.98		417.50	BOONE'S LAKE	6+81.00	±15'L	A-S	5.0' 4.40	
I-5	415.11	410.04	410.39	BUNKER'S DRIVE	8+73.00	±13'9"	K INLET	5.0' 4.13	
I-6	415.11	411.15	410.90	"	8+73.00	±13'L	K INLET	5.0' 4.13	
I-7	416.43		412.55	MULLINEAUX LAKE	1+75.00	±15'9"	A-S W/ DEFLECTOR	5.0' 4.40 5.0' 4.03	
MA-4	408.85	402.90	402.65	BUNKER'S DRIVE	1+56	±13'L	STD MH	G 5.12	
MA-2	404.90	400.00	400.02	"	0+53.00	±13'L	STD MH	G 5.12	
MA-5	418.07	408.39	408.14	"	4+74.00	±13'9"	STD MH	G 5.12	
M-5	417.24	411.87	411.02	BUNKER'S DRIVE	0+54	±13'L	STD MH	G 5.12	
O-2	401.97	400.47	400.30	"	2+12.00	±60'9"	CONC. END SECTION	5.0' 5.51	
I-1A	416.07		412.57	BOONE'S LAKE	8+02	±16'L	A-S INLET	5.0' 4.40 5.0' 4.62	

**DRAINAGE AREA MAP**  
 SCALE: 1" = 50'



**STORM DRAIN PROFILES**  
 SCALE: HORIZ. 1" = 50'  
 VERT. 1" = 5'

**OWNER:** JOSEPH & AMY BIRTH, 341 BOONE'S LAKE, BLUCCOTT CITY, MARYLAND 21042  
**DEVELOPER:** FINE MEADOWS PARTNERSHIP, % LAND DESIGN & DEVELOPMENT, 10225 HOBART PLACE, COLUMBIA, MARYLAND 21044

- NOTES:**
- 1) STORM DRAIN BEDDING TYPE CLASS 'C' SHALL BE USED.
  - 2) V<sub>f</sub> = DEULATED FULL FLOW VELOCITY.
  - 3) V<sub>p</sub> = DENOTES PARTIAL FLOW VELOCITY.
  - 4) Q<sub>10</sub> = DENOTES 10 YEAR Q DESIGN.
  - 5) Q<sub>1</sub> = DENOTES 1 YEAR Q DESIGN.

**STORM DRAIN PROFILES & DRAINAGE AREA MAP**

## FINE MEADOWS @ TURF VALLEY

LOTS 1-16  
 SECOND ELECTION DISTRICT  
 HOKIARD COUNTY, MARYLAND  
 SCALE: 1" = 50'  
 DATE: MAY 31, 1994  
 SHEET 3 OF 6



FISHER, COLLINS & CARTER, INC.

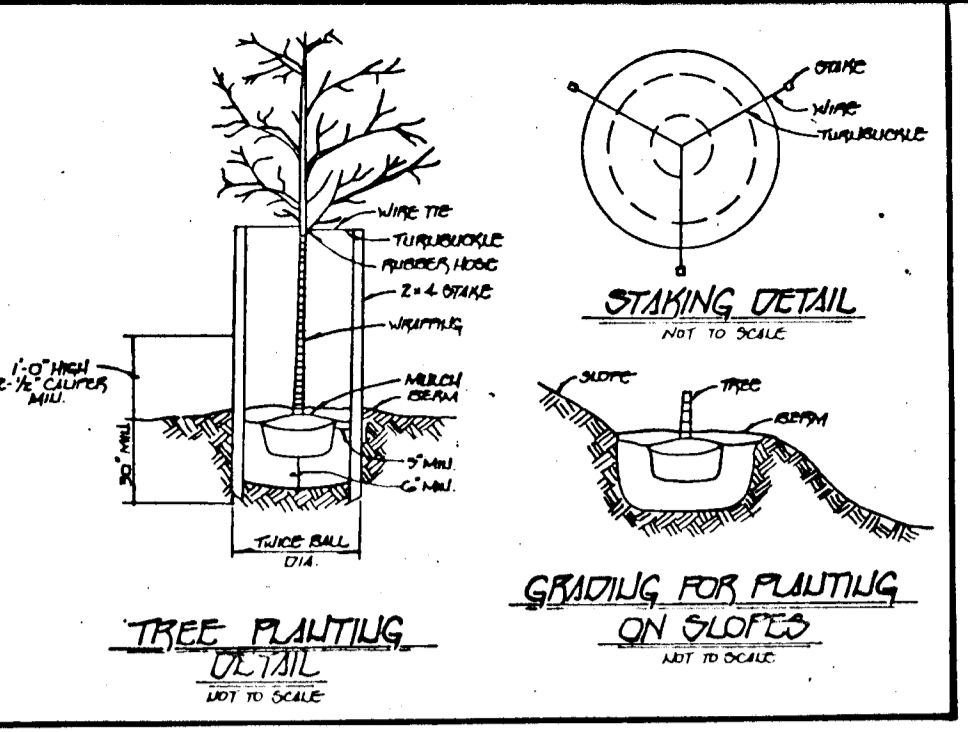
1725

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

SEEDING CONTROL NOTES:  
1. A minimum of 24 hours notice must be given to the HOWARD COUNTY  
OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY  
CONSTRUCTION (443) 3417.

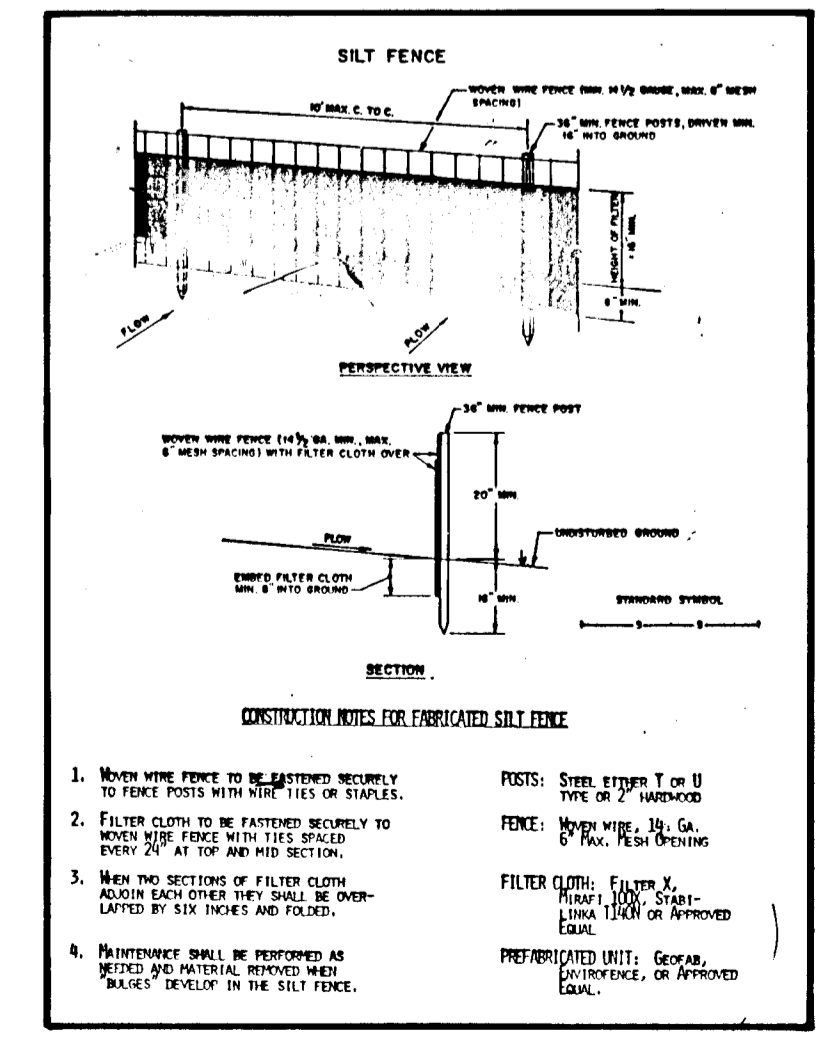
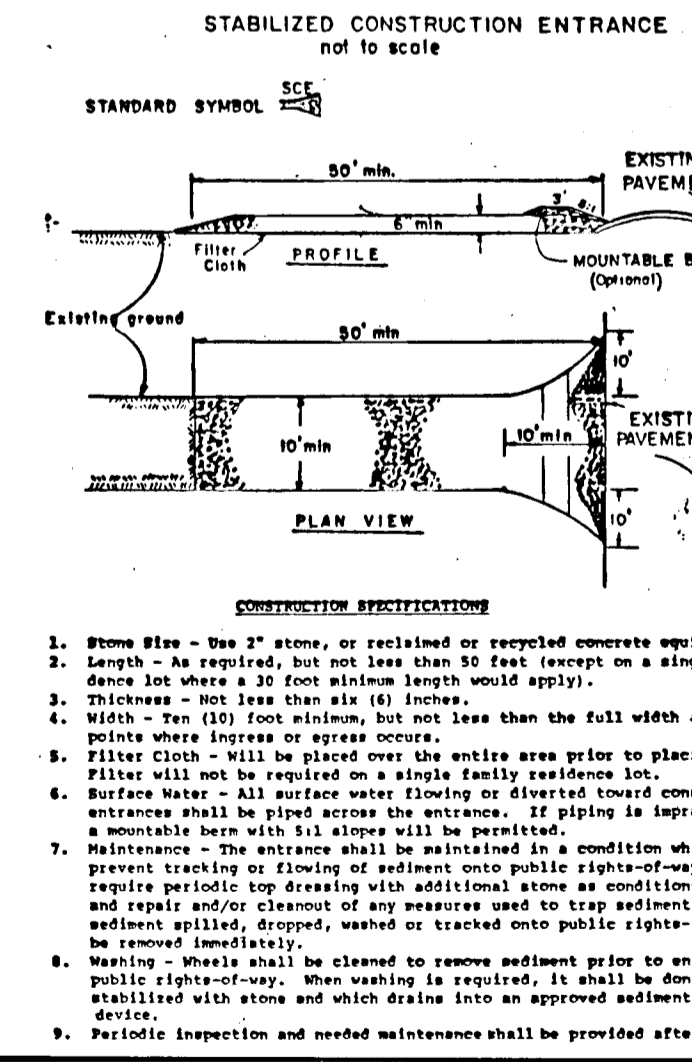
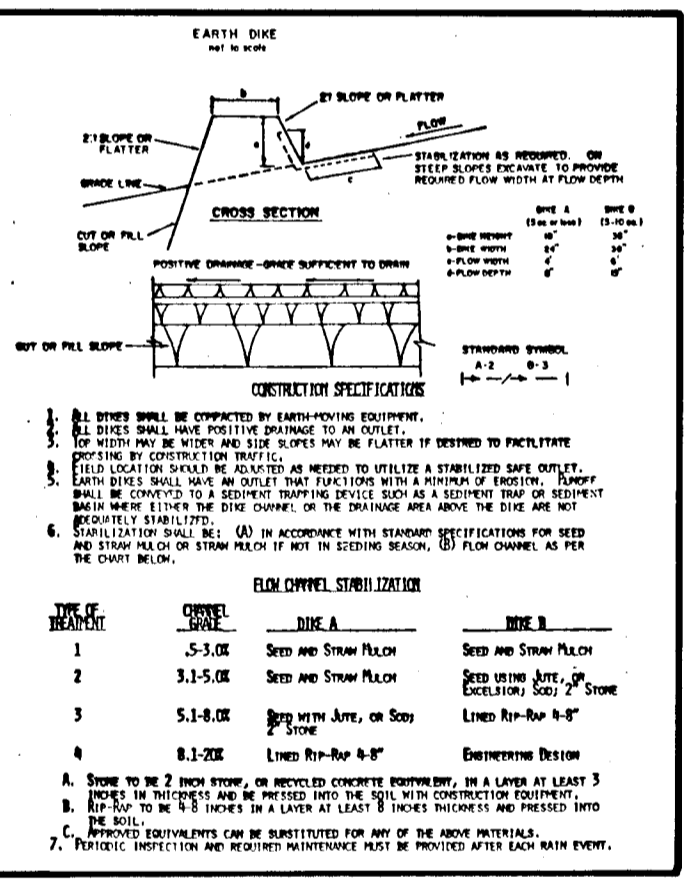
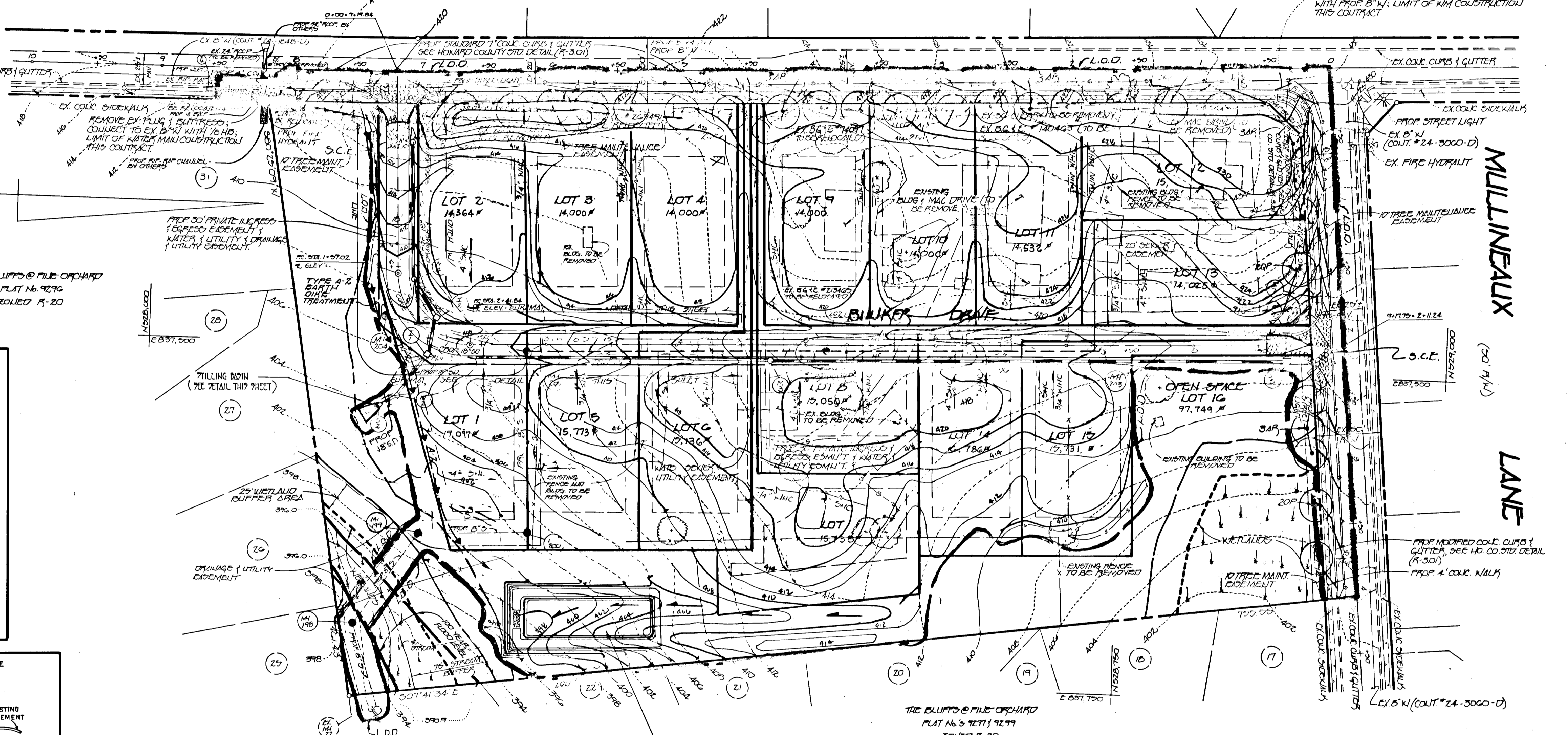
SEQUENCE OF CONSTRUCTION FOR THE SITE:  
1. OBTAIN GRADING PERMIT.  
2. THE CONTRACTOR ON DEVELOPER SHALL NOTIFY THE CONSTRUCTION  
INSPECTION DIVISION 24 HOURS BEFORE STARTING WORK (443)  
311-1850.

PLANT LIST			
QTY.	KEY	NAME	SIZE
15	(Symbol)	ACER PLURIBLUM OCTOBER RED (KORONA RED MAPLE)	2" - 2 1/2" FULL CROWN B & B
16	(Symbol)	QUERCUS PALLASTRIS "PINU OAK"	2" - 2 1/2" FULL CROWN B & B



ENGINEER'S CERTIFICATE  
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL  
REPRESENTS A PRACTICAL AND Viable PLAN BASED ON MY PERSONAL  
KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED BY  
ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION  
DISTRICT.

# BOONES LANE



STONE OUTLET SEDIMENT TRAP  
STORAGE REQUIRED = 9,000 CY  
STORAGE PROVIDED = 12,250 CY  
D.A. = 50 AC±  
LENGTH = 11.5'  
WEIR CREST ELEV. = 406.00  
TOP DIM. = 100' x 36'  
BOTTOM DIM. = 91' x 28'  
CLEANOUT ELEV. = 404.25  
BOTTOM ELEV. = 402.50  
DEPTH = 3.5'  
SIDE SLOPE = 1:1

PLAN  
SCALE 1" = 50'

Reviewed for HOWARD COUNTY S.C.D. Name  
and meets technical requirements  
Signature: *John P. Carter* Date: 10/13/94  
U.S. Soil Conservation Service

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

LEGEND  
L.O.D. DENOTES LIMIT OF DISTURBANCE  
STABILIZED CONSTRUCTION ENTRANCE  
SILT FENCE  
PROP. STREET LIGHT  
WATER HOUSE COLLECTION  
PROP. STREET TRACE  
OWNER'S HOUSE COLLECTION

STREET TREE, GRADING AND  
SEDIMENT CONTROL PLAN  
**FINE MEADOWS @ TURF VALLEY**  
LOTS 1 - 16  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN  
DATE: MAY 31, 1994  
SHEET 4 OF 6

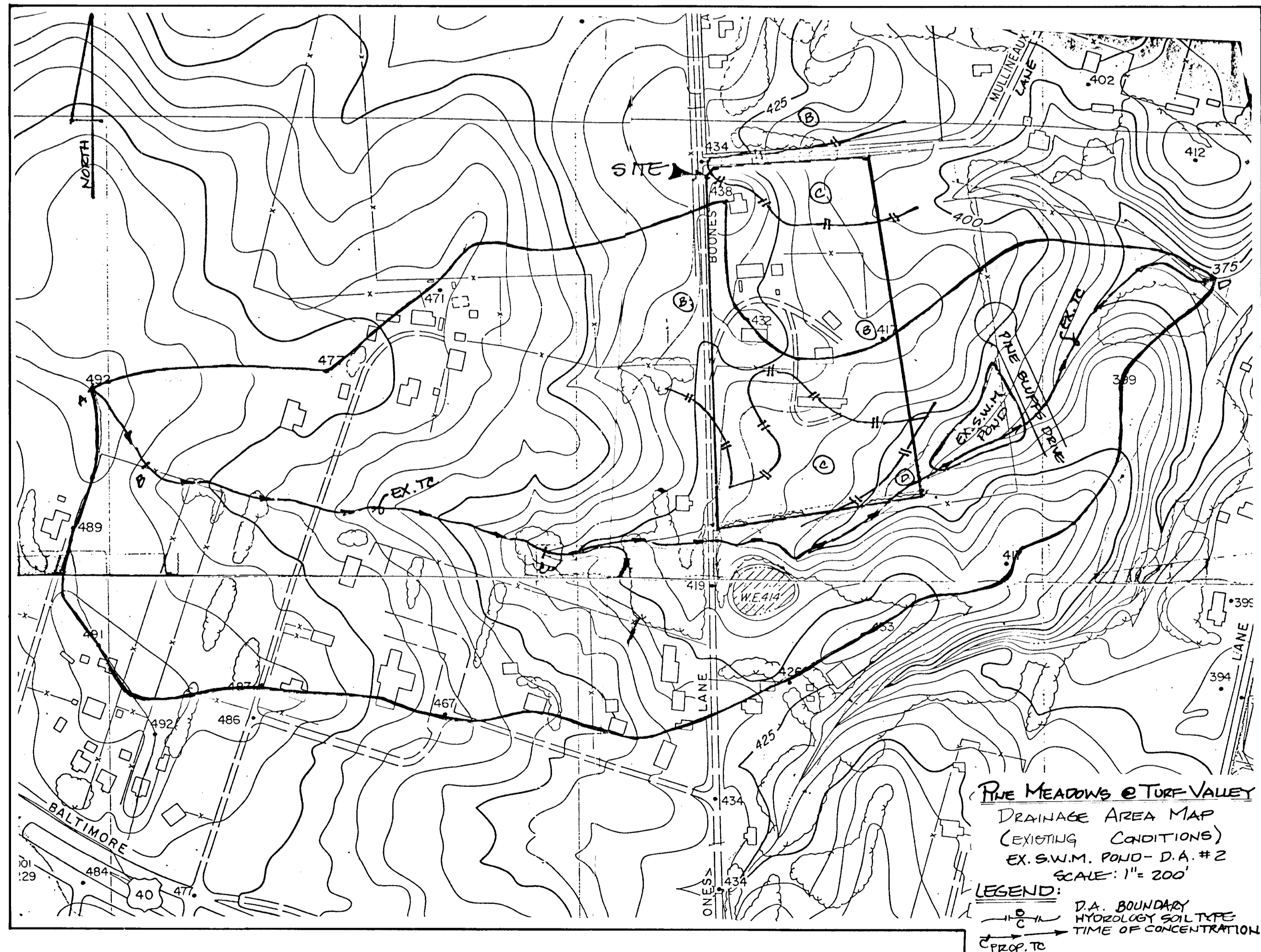
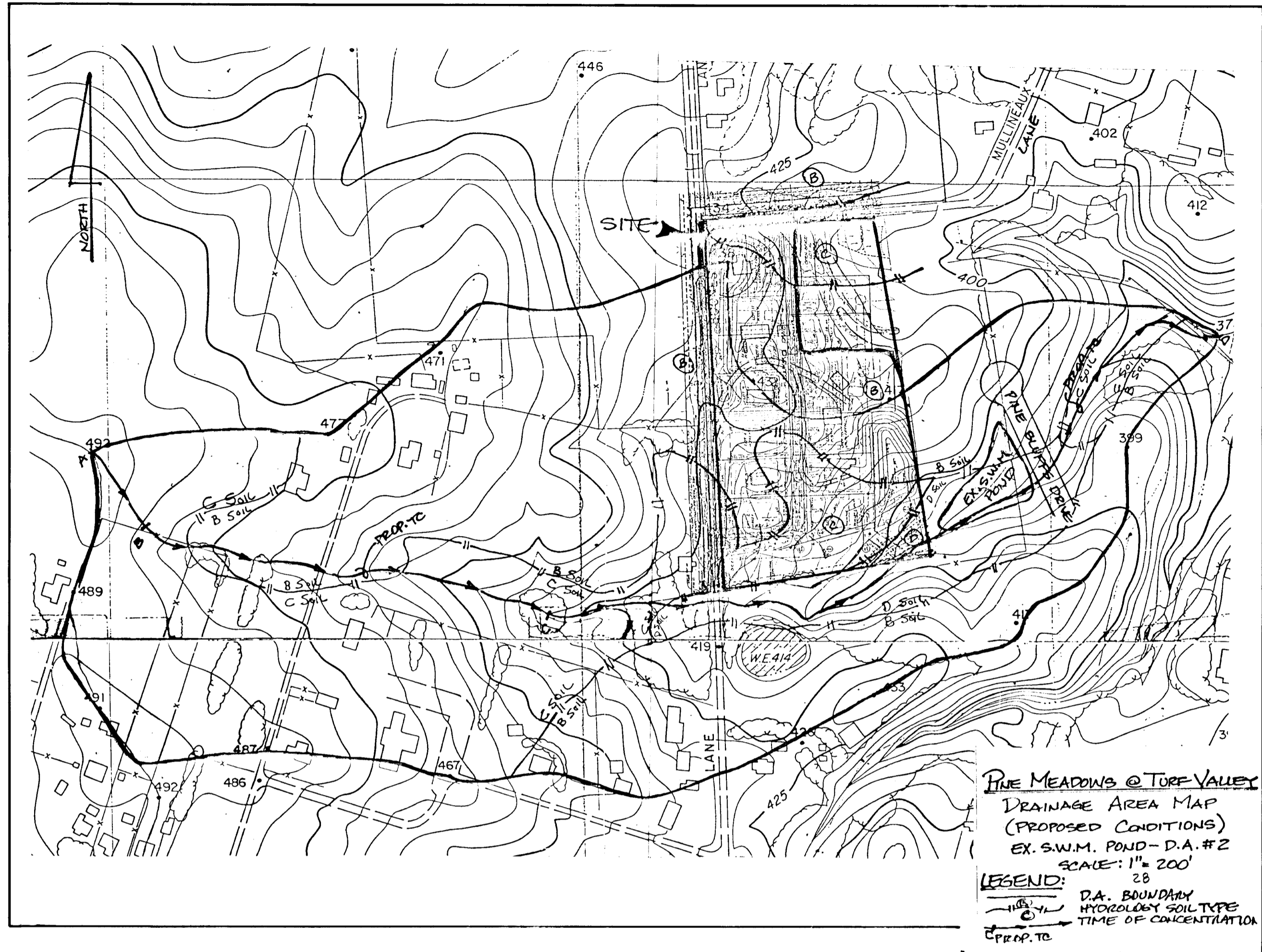


OWNER  
JOSEPH & AMY BARTH  
544 BOONES LANE  
ELLCOTT CITY, MARYLAND 20842

DEVELOPER  
FINE MEADOWS PARTNERSHIP  
% LAIRD DONOHUE & DEVELOPMENT, INC.  
12002 HICKORY RIDGE ROAD  
COLUMBIA, MARYLAND 20844

1725

FISHER, COLLINS & CARTER, INC.  
972 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLCOTT CITY, MARYLAND 20842  
(301) 461-2855



**SUMMARY OF DISCHARGES  
(AT EXISTING S.W.M. POND)**

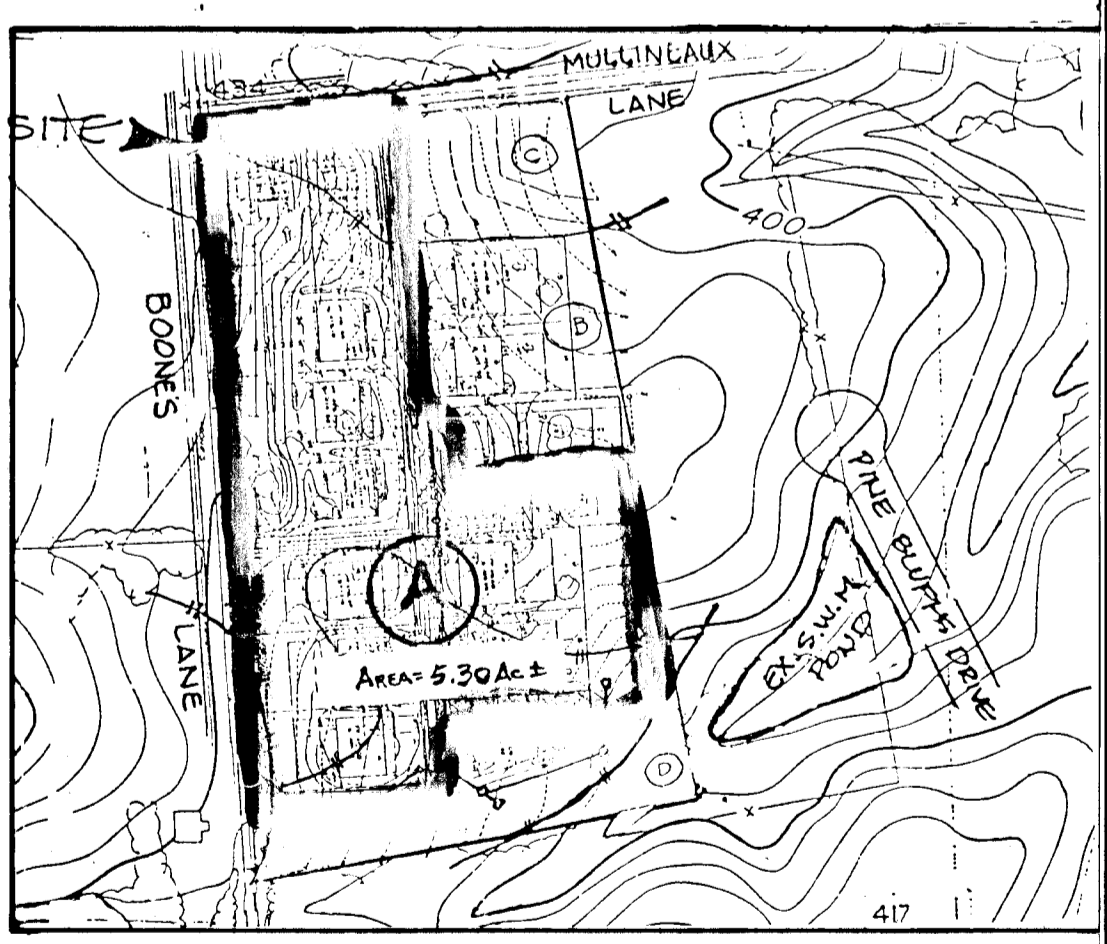
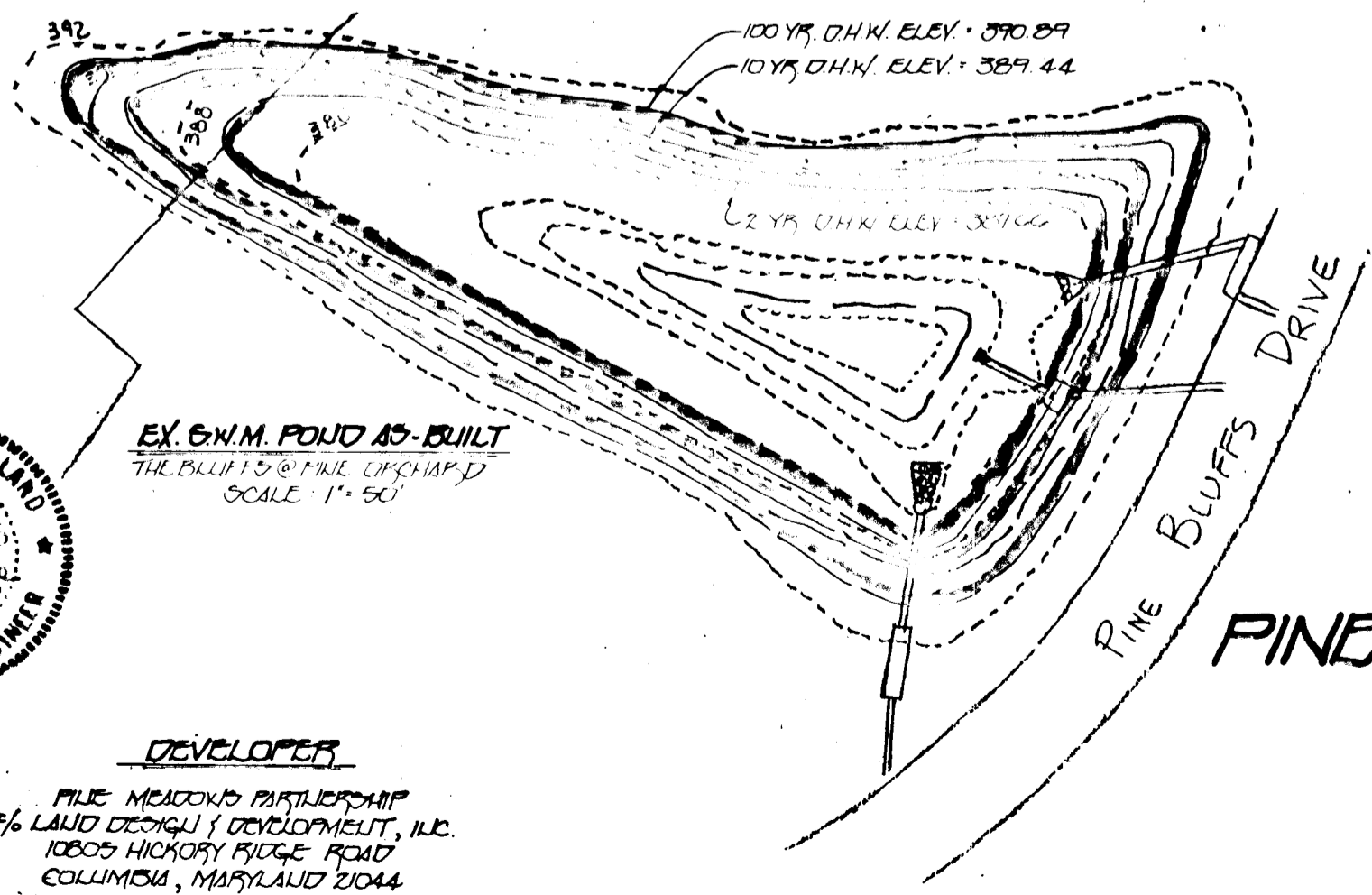
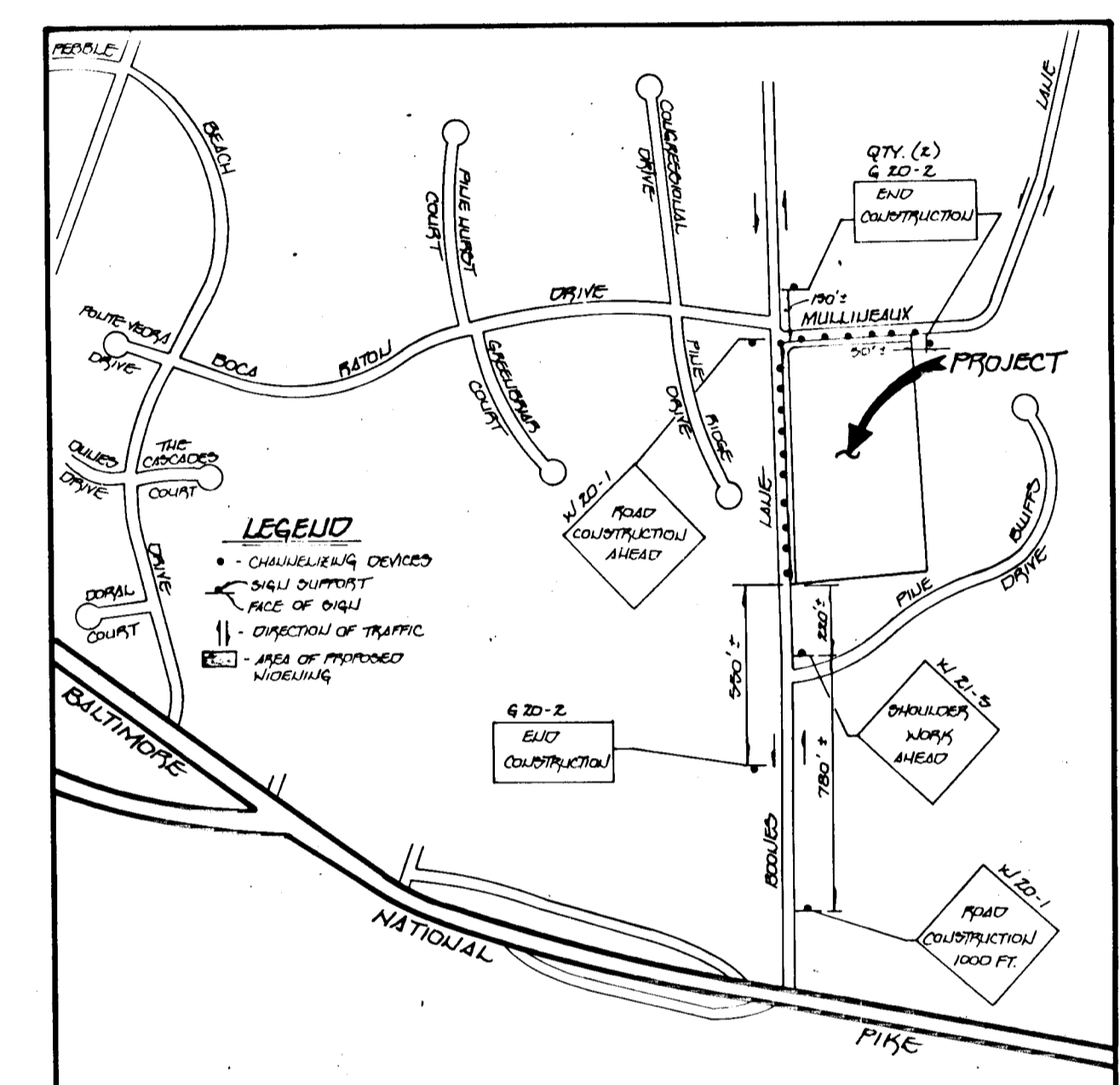
STORM EVENT	EX. RUN-OFF (IN)	PROP. RUN-OFF (IN)	EX. Q <sup>1</sup> (CFS)	PROP. Q <sup>1</sup> (CFS)	PROP. W.S.E.
2 YR.	0.96	1.21	44.7	26.0	387.66
10 YR.	2.31	2.70	114.6	111.4	389.44
100 YR.	—	4.33	—	174.8	390.89

NOTE: Existing top of dam = 392.26  
 Drainage Area = 42.52 Ac ±



**OWNER:**  
 JOSEPH & AMY BARTH  
 3144 BOONIE'S LANE  
 SULLY CITY, MARYLAND 20428

**DEVELOPER:**  
 PINE MEADOWS PARTNERSHIP  
 1/4 LAND DEVELOPMENT DEVELOPMENT, INC.  
 10005 HICKORY RIDGE ROAD  
 COLUMBIA, MARYLAND 21044



**TRAFFIC PLAN FOR ROAD WIDENING  
WATER QUALITY POND  
PROFILES & DETAILS  
PINE MEADOWS @ TURF VALLEY  
LOTS 1-16  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN  
DATE: MAY 31, 1994  
SHEET 5 OF 6**

STORM WATER MANAGEMENT FUND CERTIFICATION AND APPROVAL

**DEVELOPER'S CERTIFICATE**  
 I HEREBY 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 NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I HAVE NOTIFIED THE FUND OF THE PROJECT'S COMPLETION DATE.  
 SIGNATURE OF DEVELOPER: *[Signature]* DATE: 9/30/94

**ENGINEER'S CERTIFICATE**  
 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 FUND OF THE PROJECT'S COMPLETION DATE.  
 SIGNATURE OF ENGINEER: *[Signature]* DATE: 9/30/94

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL.  
*[Signature]* DATE: 12/14/94

THESE PLANS FOR EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*[Signature]* DATE: 12/13/94

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*[Signature]* DATE: 2/3/95

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*[Signature]* DATE: 1/27/95

APPROVED: DEPARTMENT OF PUBLIC WORKS  
 CHIEF, LAND DEVELOPMENT DIVISION  
*[Signature]* DATE: 1/26/95

APPROVED: DEPARTMENT OF PUBLIC WORKS  
 CHIEF, BUREAU OF HIGHWAYS  
*[Signature]* DATE: 12-20-94

**POND CONSTRUCTION CERTIFICATION**  
 I CERTIFY THAT UPON COMPLETION OF CONSTRUCTION I WILL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE (OM&M) OF THE SMALL POND. OM&M WILL BE PERFORMED BY ME IN ACCORDANCE WITH THE SPECIFICATIONS OF THIS PLAN. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS TO BE MADE BY SITE AND LOCAL AGENCIES.  
 SIGNATURE OF DEVELOPER: *[Signature]* DATE: 9/30/94

1725

APPLY TO GRADED OR CLEARED AREAS... IMPROVED FURTHER DISTANCE...  
 1. A minimum of 24 HOUR notice must be given to the BOARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION...  
 2. THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION 24 HOURS BEFORE STARTING WORK...  
 3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES, SILT FENCE AND WATER QUALITY PONDS AS SHOWN ON THE PLAN...  
 4. CLEAR AND GRUB SITE TO LIMITS OF DISTURBANCE...  
 5. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE OF THE ENTRANCE AND BERM...  
 6. REMOVE STUMP FROM EXISTING AND NEW STUMP CONSTRUCTION ENTRANCES AS REQUIRED...  
 7. REMOVE STUMP CONSTRUCTION ENTRANCES OR SUBSEQUENTLY...  
 8. FOLLOWING INITIAL SOIL DISTURBANCE OR SUBSEQUENT...  
 9. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN...  
 10. CALIBRATE DATE FOR PERMITS...  
 11. MAINTAIN ALL DISTURBED AREAS...  
 12. REMOVE ANY SEDIMENT ACCUMULATED IN WATER QUALITY PONDS AND STABILIZED DISTURBED AREAS WITH BERM...  
 13. NOTIFY BOARD COUNTY OFFICE OF INSPECTION AND PERMITS FOR FINAL INSPECTION AT END OF PROJECT.

SEQUENCE OF CONSTRUCTION FOR THE SITE  
 1. OBTAIN GRADING PERMIT.  
 2. THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION 24 HOURS BEFORE STARTING WORK...  
 3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES, SILT FENCE AND WATER QUALITY PONDS AS SHOWN ON THE PLAN...  
 4. CLEAR AND GRUB SITE TO LIMITS OF DISTURBANCE...  
 5. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE OF THE ENTRANCE AND BERM...  
 6. REMOVE STUMP FROM EXISTING AND NEW STUMP CONSTRUCTION ENTRANCES AS REQUIRED...  
 7. REMOVE STUMP CONSTRUCTION ENTRANCES OR SUBSEQUENTLY...  
 8. FOLLOWING INITIAL SOIL DISTURBANCE OR SUBSEQUENT...  
 9. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN...  
 10. CALIBRATE DATE FOR PERMITS...  
 11. MAINTAIN ALL DISTURBED AREAS...  
 12. REMOVE ANY SEDIMENT ACCUMULATED IN WATER QUALITY PONDS AND STABILIZED DISTURBED AREAS WITH BERM...  
 13. NOTIFY BOARD COUNTY OFFICE OF INSPECTION AND PERMITS FOR FINAL INSPECTION AT END OF PROJECT.

SCHEDULE B PERIMETER LANDSCAPE EDGE ADJACENT TO ROADWAYS

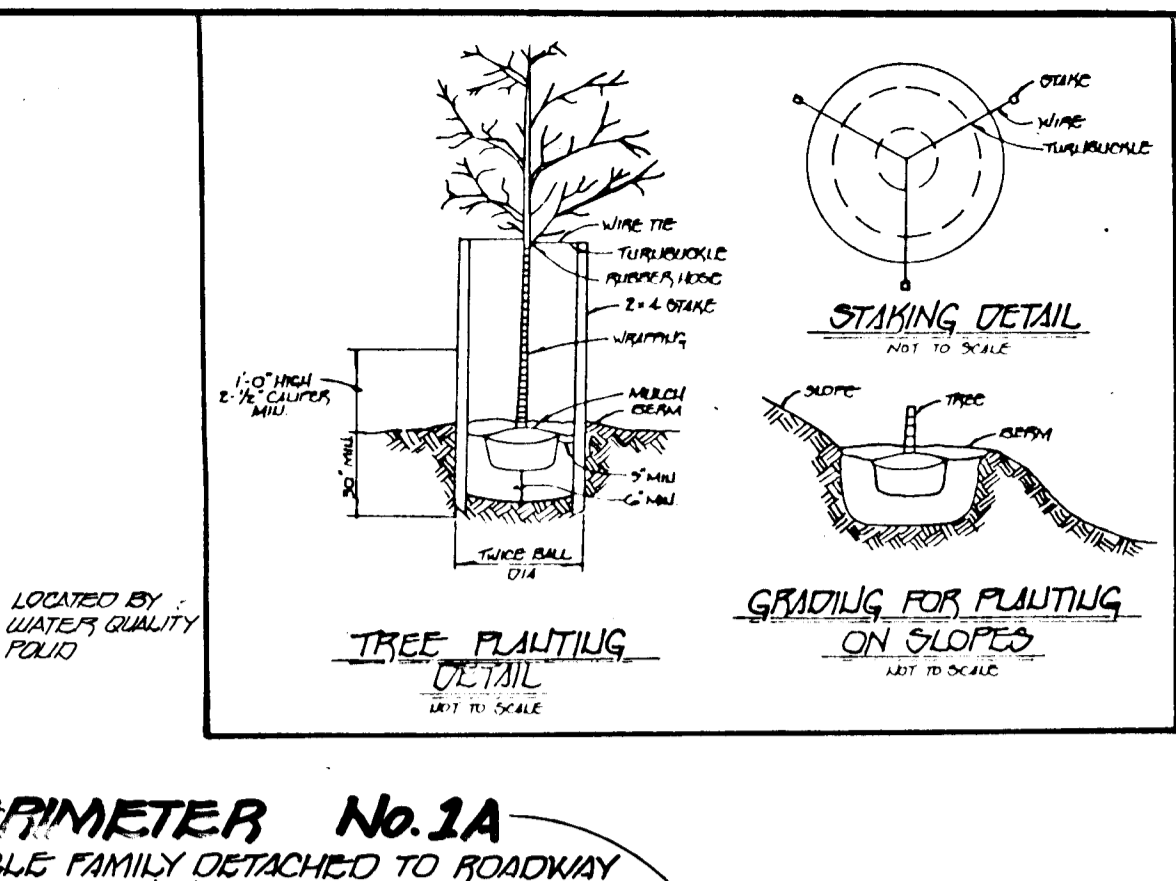
CATEGORY	PERIMETER	EDGE TYPE	QTY	KEY	NAME	SIZE
LINEAR FEET OF ROADWAY PROTECTION / PERIMETER	PERIMETER 1A	877'	15	AS	ACER PLURIM (OXYSPOROXY) (OXYSPOROXY MAPLE)	2-2 1/2" CALIPER FULL CROWN B Y B
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) DESCRIBE BELOW IF USED			16	AP	QUERCUS (WHITE OAK)	2-2 1/2" CALIPER FULL CROWN B Y B
NUMBER OF PLANTS PROVIDED	18 TREES	(1:50)	28		QUERCUS (WHITE OAK)	2-2 1/2" CALIPER FULL CROWN B Y B
EVERGREEN TREES	22 TREES	(1:40)	48		PAVUS SYRACUS (LAVENDER WHITE PINE)	6'-8" HEIGHT
SHRUBS						
NUMBER OF PLANTS PROVIDED	18 TREES	(1:50)				
SHADE TREES	22 TREES	(1:40)				
EVERGREEN TREES						
SHRUBS						
NUMBER OF PLANTS PROVIDED						
SHADE TREES						
EVERGREEN TREES						
SHRUBS						

PERIMETER No. 1 FOREST CONSERVATION AREA (CREDIT AREA) (75')

PERIMETER No. 2A SINGLE FAMILY DETACHED TO ROADWAY EDGE TYPE 'B' (877')

PLANT LIST

QTY	KEY	NAME	SIZE
15	AS	ACER PLURIM (OXYSPOROXY) (OXYSPOROXY MAPLE)	2-2 1/2" CALIPER FULL CROWN B Y B
16	AP	QUERCUS (WHITE OAK)	2-2 1/2" CALIPER FULL CROWN B Y B
28		QUERCUS (WHITE OAK)	2-2 1/2" CALIPER FULL CROWN B Y B
48		PAVUS SYRACUS (LAVENDER WHITE PINE)	6'-8" HEIGHT



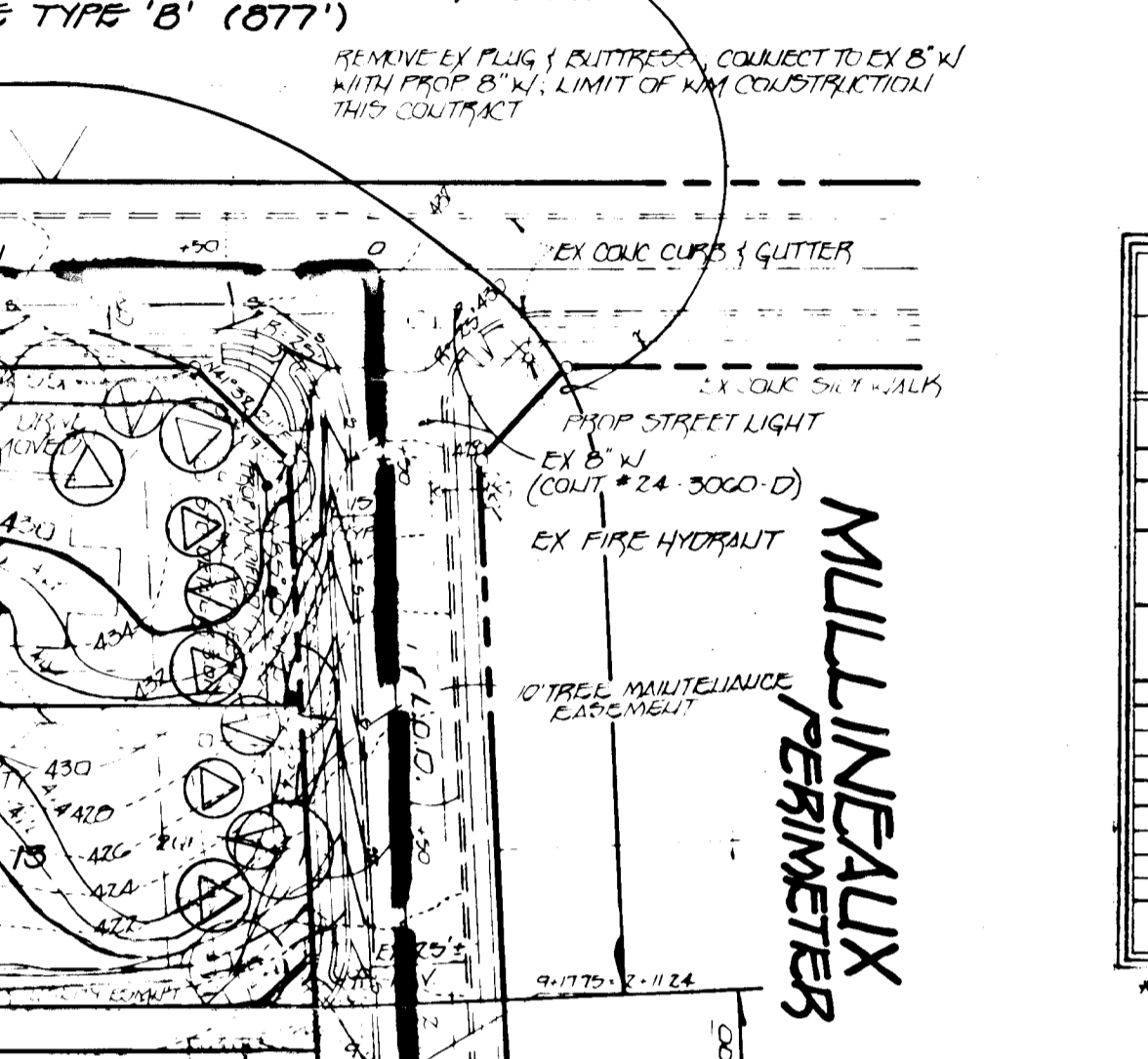
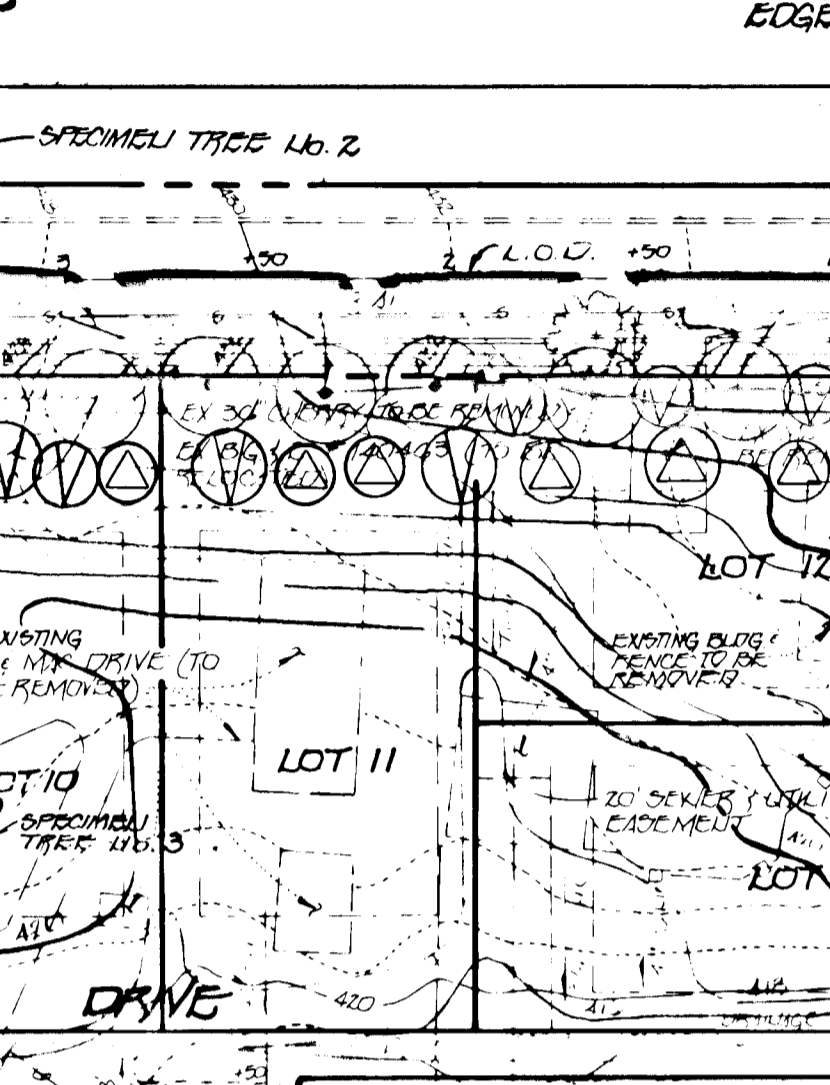
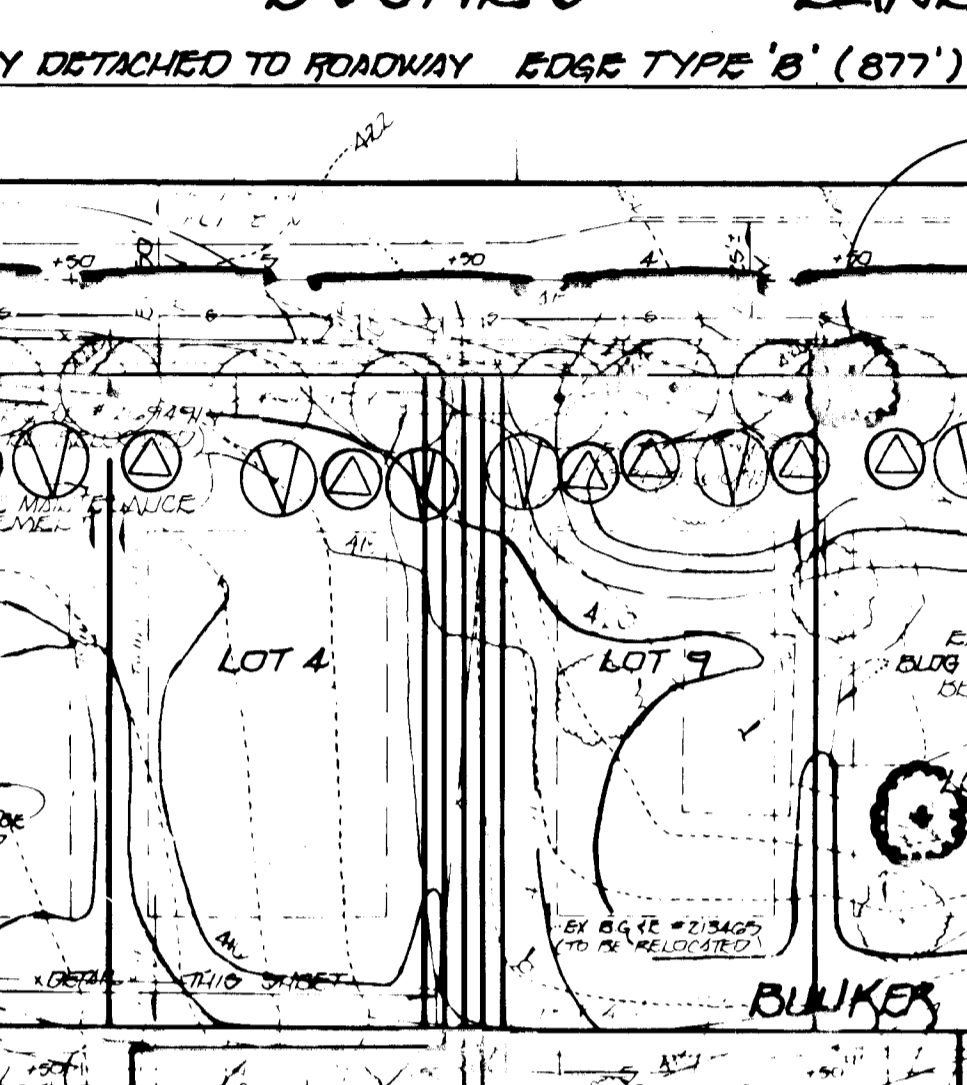
ENGINEER'S CERTIFICATE  
 I HEREBY CERTIFY THAT THIS PLAN FOR DESIGN AND CONSTRUCTION...  
 DEVELOPER'S CERTIFICATE  
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION...  
 ENGINEER'S SIGNATURE: [Signature]  
 DATE: 9/2/94  
 DEVELOPER'S SIGNATURE: [Signature]  
 DATE: 9/2/94  
 APPROVED DEPARTMENT OF PLANNING AND ZONING  
 DATE: 12/13/94  
 DATE: 2/3/95  
 DATE: 1/27/95  
 DATE: 1/20/95  
 DATE: 12-20-94

APPLY TO GRADED OR CLEARED AREAS... IMPROVED FURTHER DISTANCE...  
 1. A minimum of 24 HOUR notice must be given to the BOARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION...  
 2. THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION 24 HOURS BEFORE STARTING WORK...  
 3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES, SILT FENCE AND WATER QUALITY PONDS AS SHOWN ON THE PLAN...  
 4. CLEAR AND GRUB SITE TO LIMITS OF DISTURBANCE...  
 5. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE OF THE ENTRANCE AND BERM...  
 6. REMOVE STUMP FROM EXISTING AND NEW STUMP CONSTRUCTION ENTRANCES AS REQUIRED...  
 7. REMOVE STUMP CONSTRUCTION ENTRANCES OR SUBSEQUENTLY...  
 8. FOLLOWING INITIAL SOIL DISTURBANCE OR SUBSEQUENT...  
 9. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN...  
 10. CALIBRATE DATE FOR PERMITS...  
 11. MAINTAIN ALL DISTURBED AREAS...  
 12. REMOVE ANY SEDIMENT ACCUMULATED IN WATER QUALITY PONDS AND STABILIZED DISTURBED AREAS WITH BERM...  
 13. NOTIFY BOARD COUNTY OFFICE OF INSPECTION AND PERMITS FOR FINAL INSPECTION AT END OF PROJECT.

SEQUENCE OF CONSTRUCTION FOR THE SITE  
 1. OBTAIN GRADING PERMIT.  
 2. THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION 24 HOURS BEFORE STARTING WORK...  
 3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES, SILT FENCE AND WATER QUALITY PONDS AS SHOWN ON THE PLAN...  
 4. CLEAR AND GRUB SITE TO LIMITS OF DISTURBANCE...  
 5. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE OF THE ENTRANCE AND BERM...  
 6. REMOVE STUMP FROM EXISTING AND NEW STUMP CONSTRUCTION ENTRANCES AS REQUIRED...  
 7. REMOVE STUMP CONSTRUCTION ENTRANCES OR SUBSEQUENTLY...  
 8. FOLLOWING INITIAL SOIL DISTURBANCE OR SUBSEQUENT...  
 9. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN...  
 10. CALIBRATE DATE FOR PERMITS...  
 11. MAINTAIN ALL DISTURBED AREAS...  
 12. REMOVE ANY SEDIMENT ACCUMULATED IN WATER QUALITY PONDS AND STABILIZED DISTURBED AREAS WITH BERM...  
 13. NOTIFY BOARD COUNTY OFFICE OF INSPECTION AND PERMITS FOR FINAL INSPECTION AT END OF PROJECT.

SCHEDULE A PERIMETER LANDSCAPE EDGE

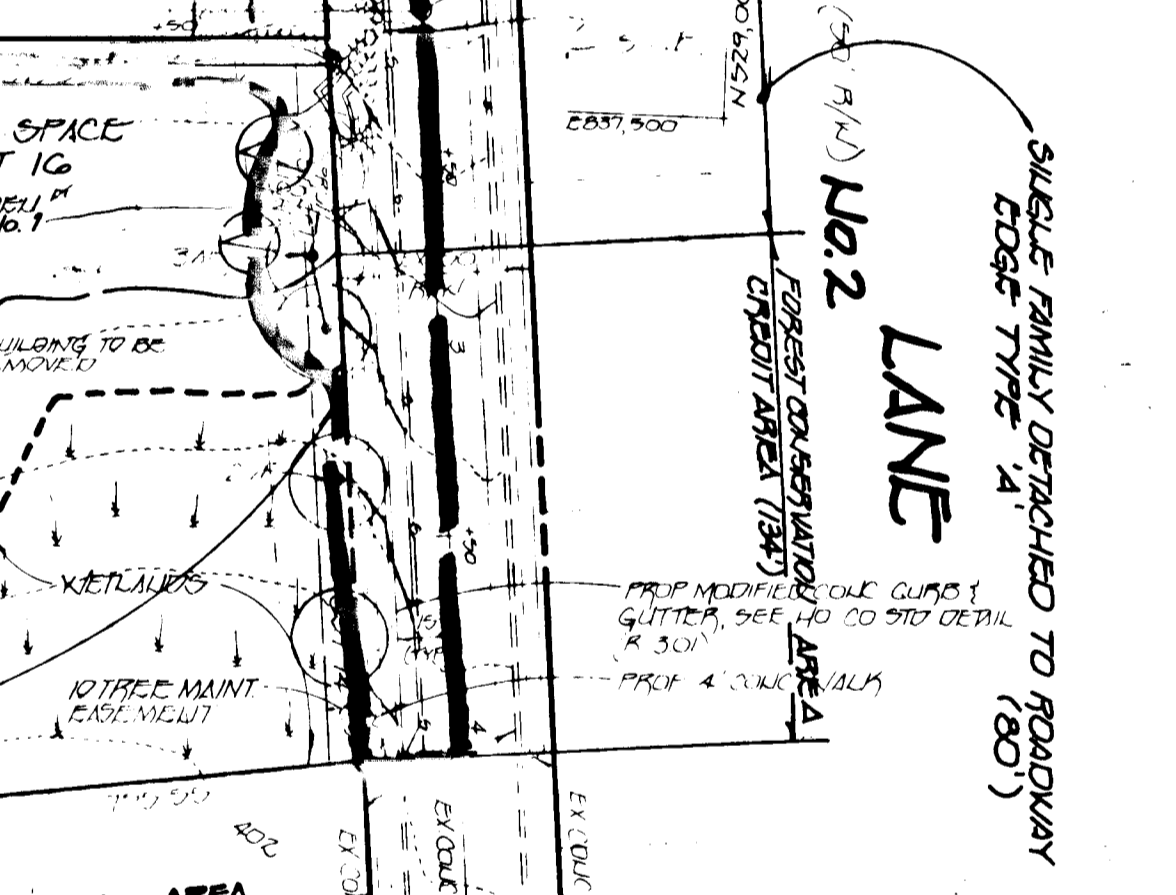
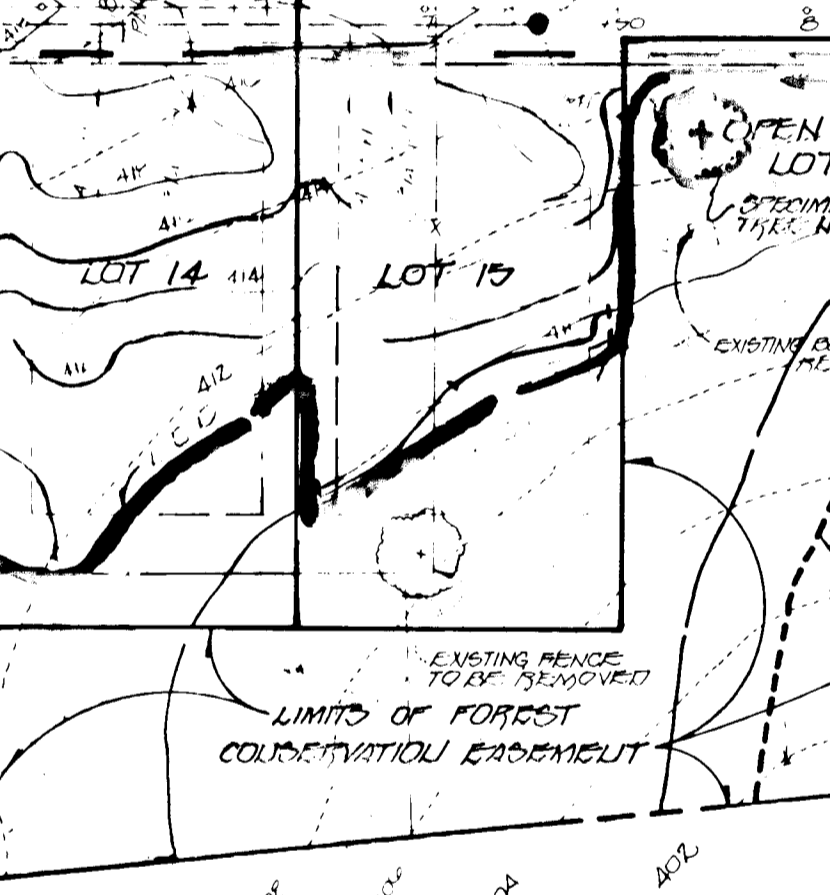
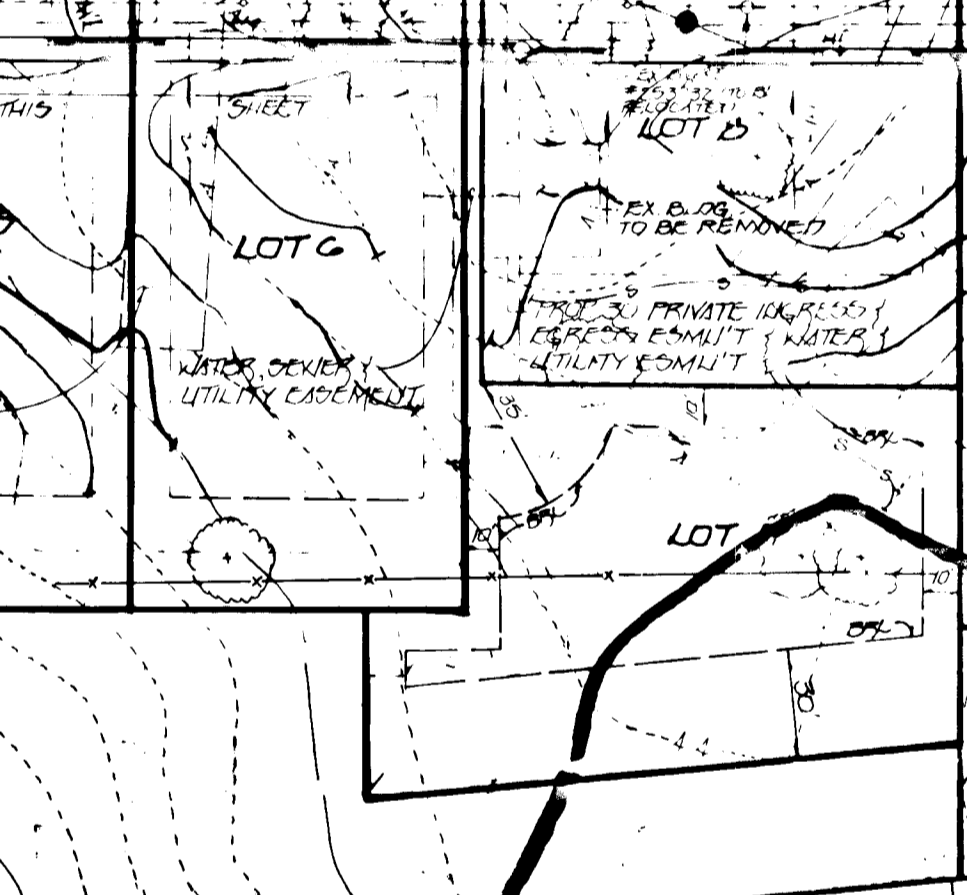
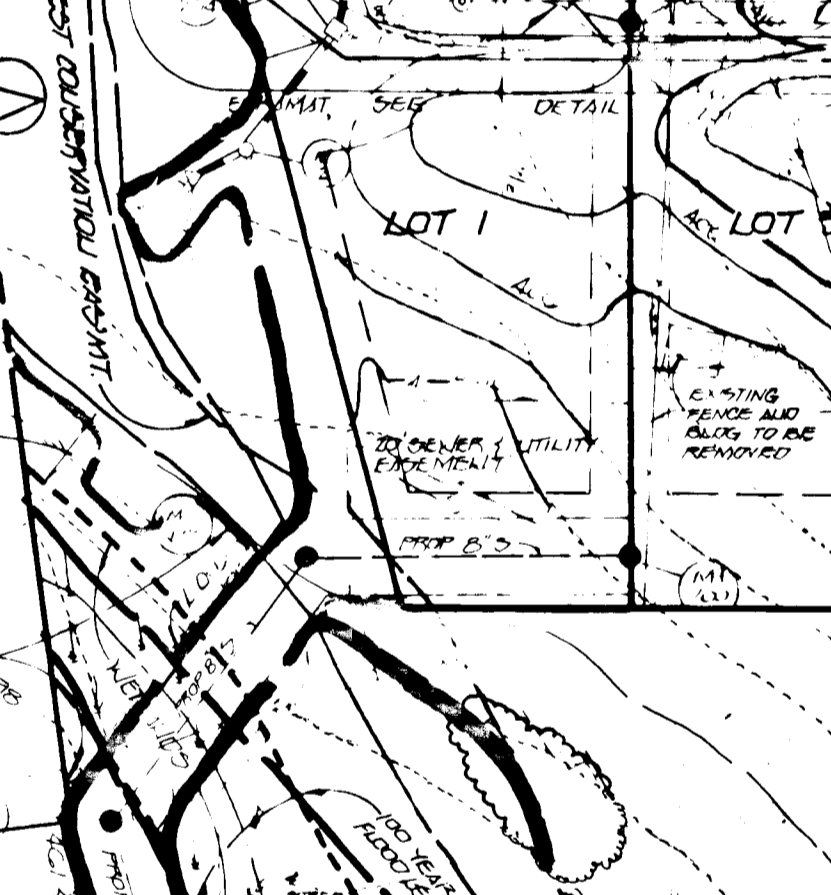
CATEGORY	ADJACENT TO PERMETER PROPERTIES	1	2	3	4
PERIMETER		1	2	3	4
LANDSCAPE TYPE		A	A	A	A
LINEAR FEET OF PERIMETER		75'	214'	757'	457'
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) DESCRIBE BELOW IF NEEDED		75'	104'	407'	200'
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) DESCRIBE IF NEEDED		100	10	10	100
NUMBER OF PLANTS PROVIDED					
SHADE TREES		2	6	2	2
EVERGREEN TREES					
SHRUBS					
NUMBER OF PLANTS PROVIDED					
SHADE TREES					
EVERGREEN TREES					
SHRUBS					
NUMBER OF PLANTS PROVIDED					
SHADE TREES					
EVERGREEN TREES					
SHRUBS					



LEGEND  
 LOD - DELIMITS LIMIT OF DISTURBANCE  
 [Symbol] - DELIMITS STABILIZED CONSTRUCTION ENTRANCE  
 [Symbol] - SILT FENCE  
 [Symbol] - PROP STREET LIGHT  
 [Symbol] - WATER HOUSE COLLECTION  
 [Symbol] - PROP STREET TREE  
 [Symbol] - SEWER HOUSE COLLECTION  
 A. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.12A OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL.  
 B. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE OPW DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$ 7,900.  
 LANDSCAPE PLAN  
 PINE MEADOWS @ TURF VALLEY  
 LOTS 1-16  
 SECOND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE AS SHOWN  
 DATE MAY 31, 1994  
 SHEET # OF 6

STABILIZED CONSTRUCTION ENTRANCE not to scale  
 STANDARD SYMBOL  
 1. Stone Brix - Use 2" stone, no rebar or rebar concrete equivalent.  
 2. Length - As required, but not less than 30 feet (except on a single rear-drive lot where a 30 foot minimum length would apply).  
 3. Thickness - Not less than six (6) inches.  
 4. Width - Ten (10) feet minimum, but not less than the full width at points where ingress or egress occurs.  
 5. Filter Cloth - Will be placed over the entire area unless on planing of stone. Filter will not be required on a single family residence lot.  
 6. Surface Water - All surface water flowing on disturbed construction entrance shall be piped across the entrance. If piping is impractical, the entrance shall be placed with a minimum of 10 feet from the entrance.  
 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking of dirt onto the pavement. This may require periodic top dressing with additional stone as conditions demand and repair of surface erosion. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.  
 8. Weeding - Weeds shall be cleared to remove sediment prior to entrance onto pavement. Weeds shall be cleared to remove sediment prior to entrance onto pavement. Weeds shall be cleared to remove sediment prior to entrance onto pavement.  
 9. Periodic inspection and needed maintenance shall be provided after each rain.

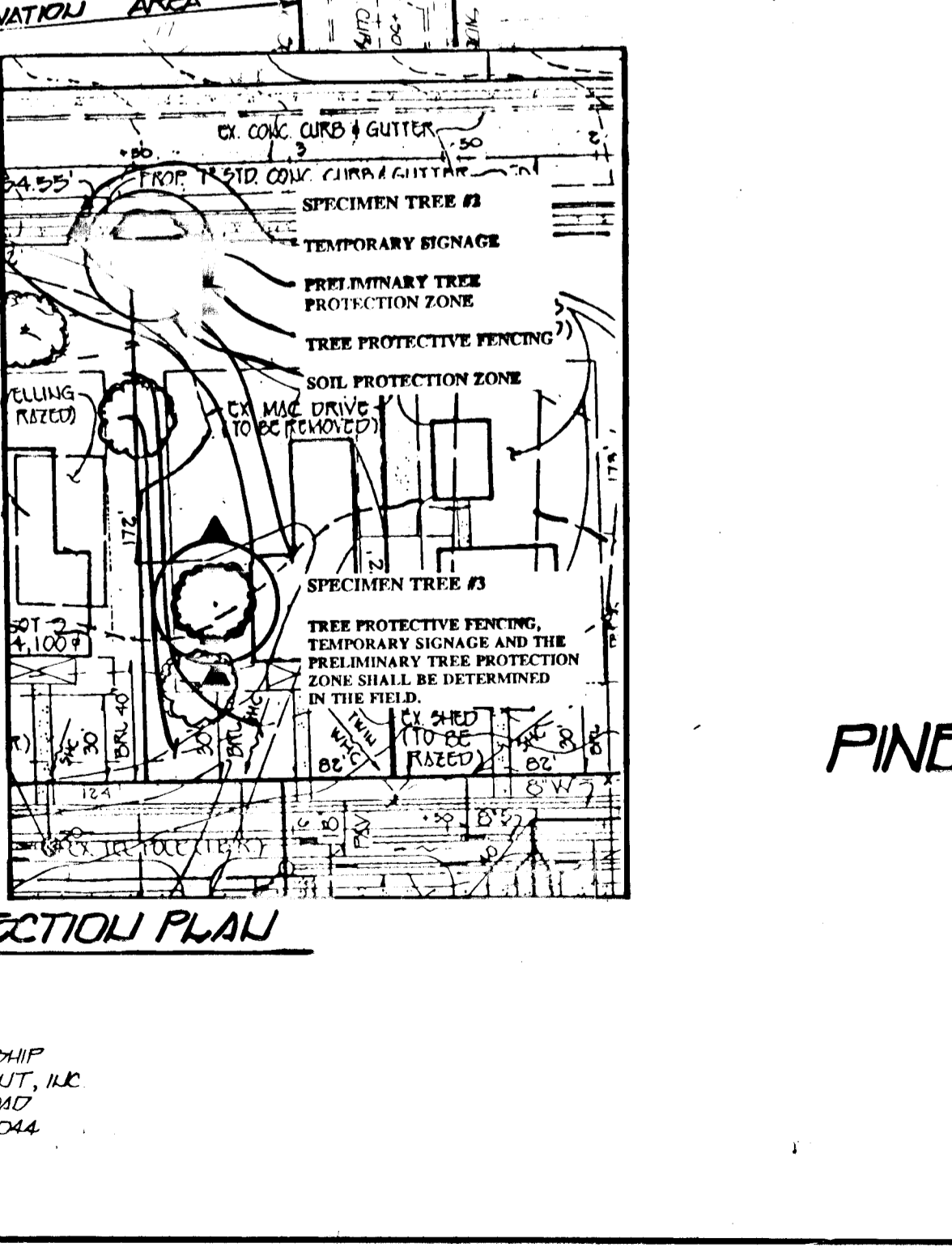
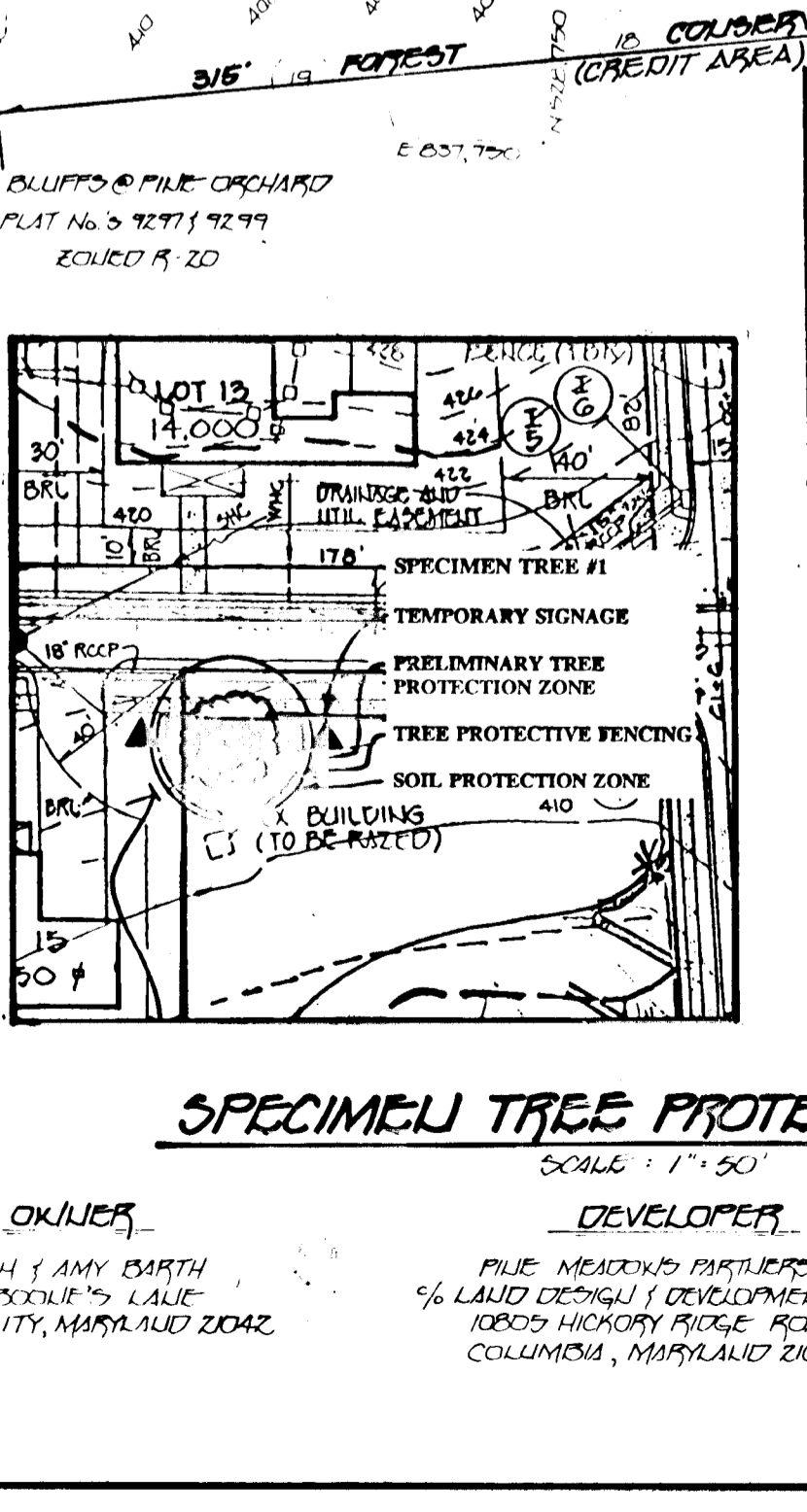
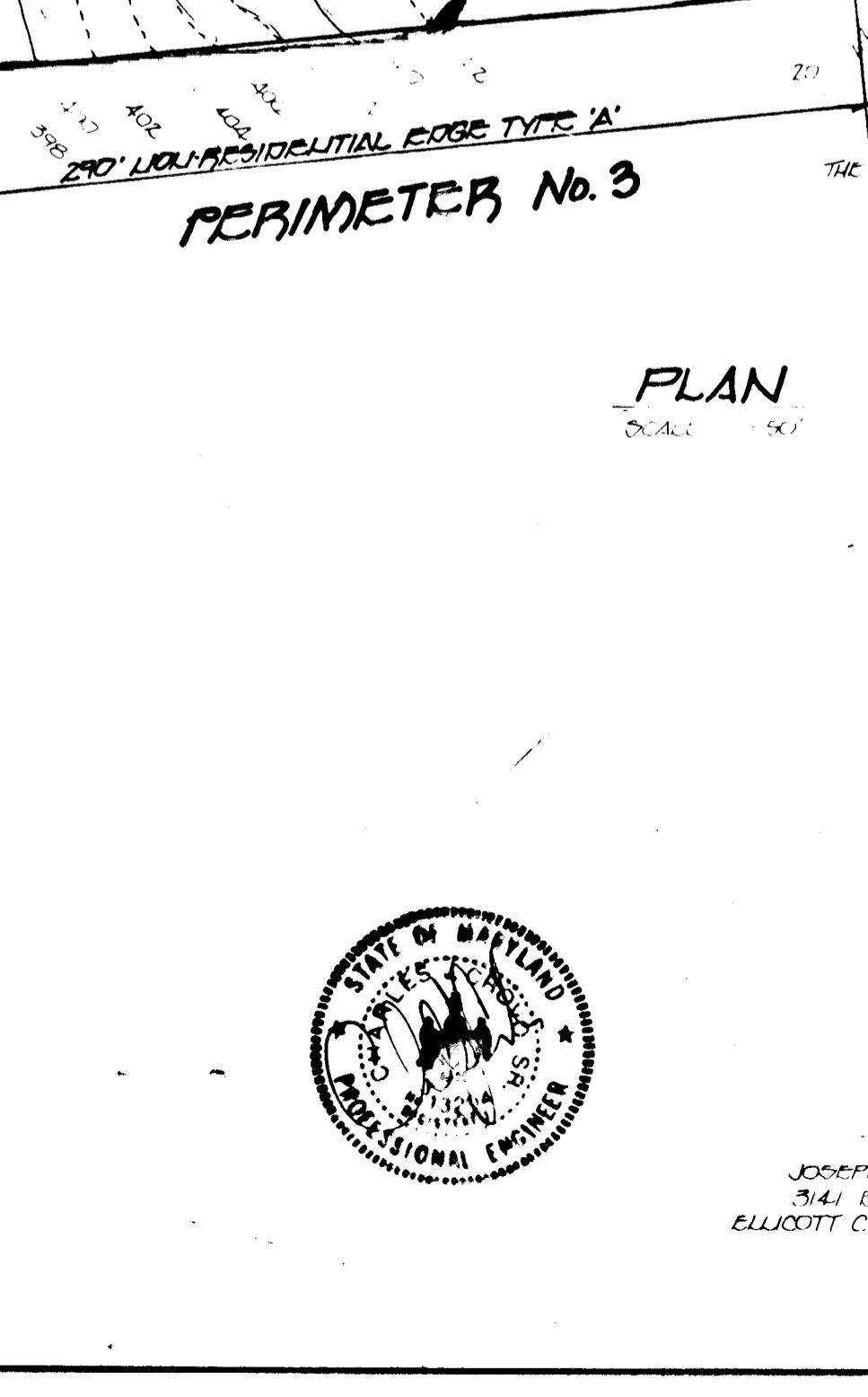
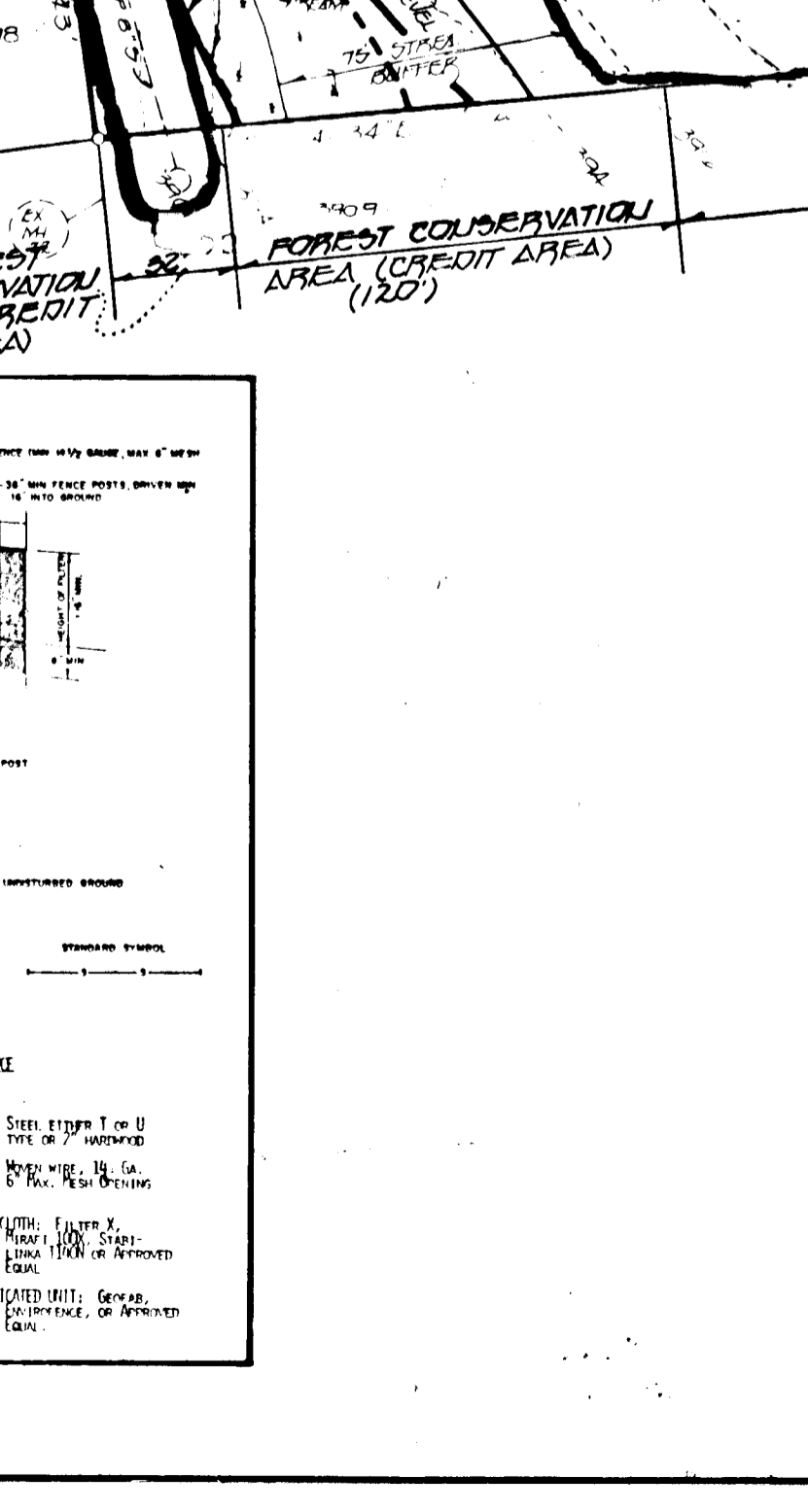
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE  
 1. When wire fence is fastened securely to the posts with wire ties or staples.  
 2. Extra cloth to be fastened securely to posts at the end of section.  
 3. Max. height of silt fence shall be 4 feet.  
 4. Max. spacing between posts shall be 10 feet.  
 5. Max. spacing between posts shall be 10 feet.  
 6. Max. spacing between posts shall be 10 feet.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE  
 1. When wire fence is fastened securely to the posts with wire ties or staples.  
 2. Extra cloth to be fastened securely to posts at the end of section.  
 3. Max. height of silt fence shall be 4 feet.  
 4. Max. spacing between posts shall be 10 feet.  
 5. Max. spacing between posts shall be 10 feet.  
 6. Max. spacing between posts shall be 10 feet.

STABILIZED CONSTRUCTION ENTRANCE not to scale  
 STANDARD SYMBOL  
 1. Stone Brix - Use 2" stone, no rebar or rebar concrete equivalent.  
 2. Length - As required, but not less than 30 feet (except on a single rear-drive lot where a 30 foot minimum length would apply).  
 3. Thickness - Not less than six (6) inches.  
 4. Width - Ten (10) feet minimum, but not less than the full width at points where ingress or egress occurs.  
 5. Filter Cloth - Will be placed over the entire area unless on planing of stone. Filter will not be required on a single family residence lot.  
 6. Surface Water - All surface water flowing on disturbed construction entrance shall be piped across the entrance. If piping is impractical, the entrance shall be placed with a minimum of 10 feet from the entrance.  
 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking of dirt onto the pavement. This may require periodic top dressing with additional stone as conditions demand and repair of surface erosion. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.  
 8. Weeding - Weeds shall be cleared to remove sediment prior to entrance onto pavement. Weeds shall be cleared to remove sediment prior to entrance onto pavement. Weeds shall be cleared to remove sediment prior to entrance onto pavement.  
 9. Periodic inspection and needed maintenance shall be provided after each rain.

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE  
 1. When wire fence is fastened securely to the posts with wire ties or staples.  
 2. Extra cloth to be fastened securely to posts at the end of section.  
 3. Max. height of silt fence shall be 4 feet.  
 4. Max. spacing between posts shall be 10 feet.  
 5. Max. spacing between posts shall be 10 feet.  
 6. Max. spacing between posts shall be 10 feet.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE  
 1. When wire fence is fastened securely to the posts with wire ties or staples.  
 2. Extra cloth to be fastened securely to posts at the end of section.  
 3. Max. height of silt fence shall be 4 feet.  
 4. Max. spacing between posts shall be 10 feet.  
 5. Max. spacing between posts shall be 10 feet.  
 6. Max. spacing between posts shall be 10 feet.

FISHER, COLLINS & CARTER, INC.  
 1725

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE  
 1. When wire fence is fastened securely to the posts with wire ties or staples.  
 2. Extra cloth to be fastened securely to posts at the end of section.  
 3. Max. height of silt fence shall be 4 feet.  
 4. Max. spacing between posts shall be 10 feet.  
 5. Max. spacing between posts shall be 10 feet.  
 6. Max. spacing between posts shall be 10 feet.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE  
 1. When wire fence is fastened securely to the posts with wire ties or staples.  
 2. Extra cloth to be fastened securely to posts at the end of section.  
 3. Max. height of silt fence shall be 4 feet.  
 4. Max. spacing between posts shall be 10 feet.  
 5. Max. spacing between posts shall be 10 feet.  
 6. Max. spacing between posts shall be 10 feet.