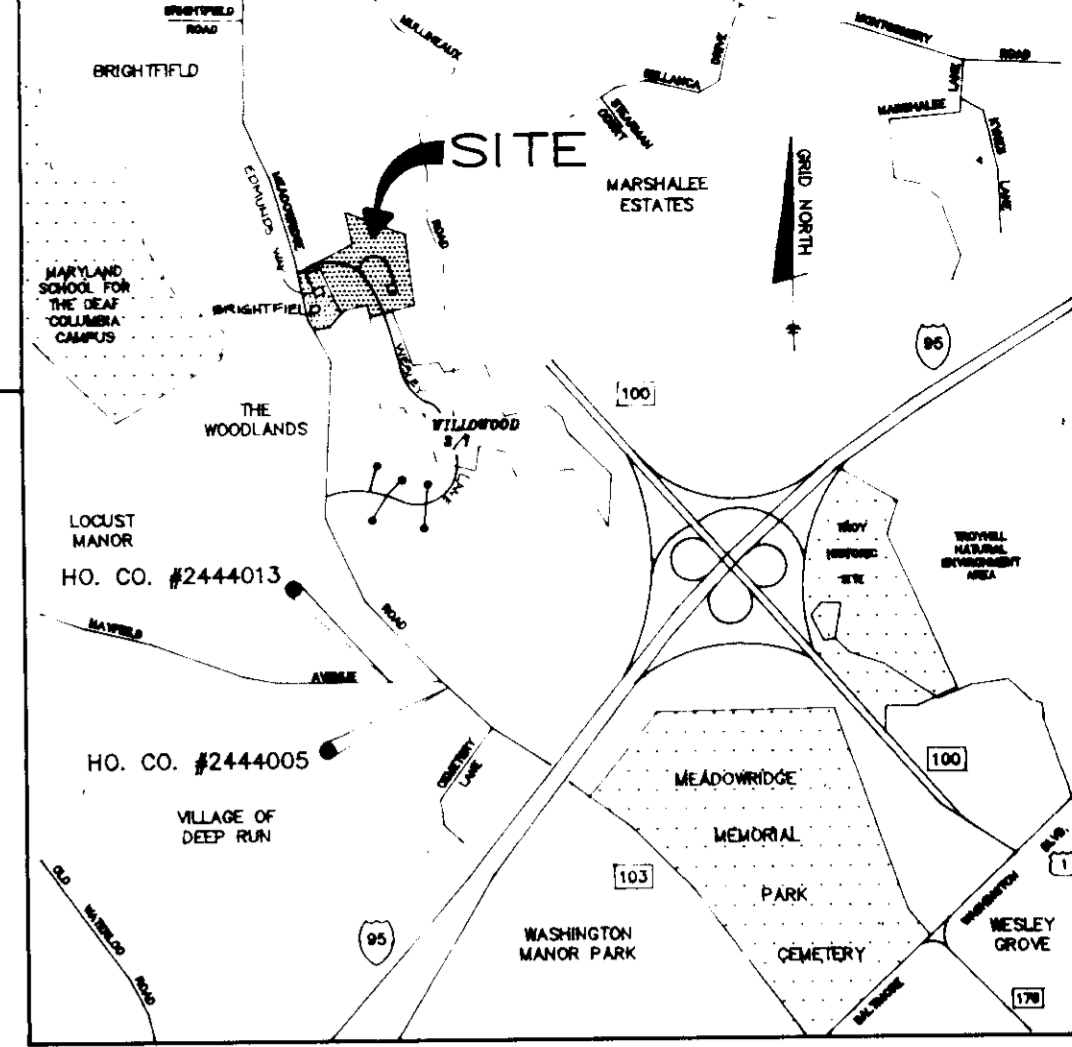


BENCH MARKS

HO. CO. #2444005	ELEV. 271.249
CONC. MONUMENT 0.5' BELOW SURFACE, ON THE WEST SIDE OF MEADOWBRIDGE RD. SOUTH OF HAYFIELD RD.	E 863126.170
HO. CO. #2444013	ELEV. 268.109
CONC. MONUMENT AT SURFACE, 17.1' NORTH OF CENTERLINE OF HAYFIELD AVE.	E 862542.349



- VICINITY MAP**
SCALE: 1"=2000'
- All construction shall be in accordance with the latest standards and specifications of Howard County plus MDIA standards and specifications if applicable.
 - The contractor shall notify the Department of Public Works/Construction Inspection Division at (410) 313-1800 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.
 - Location: Tax Map No. 37 - Parcels 77 and 80
Election District: 1st
Section 4
Submission Area: 1.719 Acres
Number of Proposed Lots: 42
Previous Howard County Reference Numbers: S-89-22, P-91-11, F-89-28, F-92-03, P8-255.
 - Existing contours are at 2' intervals and based upon a field run survey performed by Land Design, Inc., 1989 and as per construction plans F-92-83.
 - Horizontal and vertical control is as projected from Howard County control monuments 246695 and 246693.
 - Stormwater management for these lots is provided by an extended detention type facility provided in Willowood Section 3 Area 1 (F-92-82).
 - Any damage to the County's right-of-way shall be corrected at the developer's expense.
 - Existing utilities on this plan were taken from contract drawings. The contractor shall verify the location at the time of construction.
 - No vehicles shall be parked on the site during construction.
 - Porches, fireplaces, chimneys and bay windows which extend across a R.L. shall be in accordance with the Howard County Zoning Regulations Section 128.
 - For driveway apron details see Howard County Standard Detail R-4.3.
 - No clearing, grading or construction is permitted within the required wetland or stream buffer.
 - R--X--X indicates tree protection fence.
 - W indicates walk out basement.
 - The 30-foot wide landscaped buffer shown on this plan is required by Section 16.14(i)(1) of the 2nd Edition Subdivision and Land Development Regulations. No clearing or retaining vegetation is permitted; however, landscape maintenance is authorized.
 - Residents with group parking must group trash and recyclables at the end of street, inland at road and/or curb for collection.

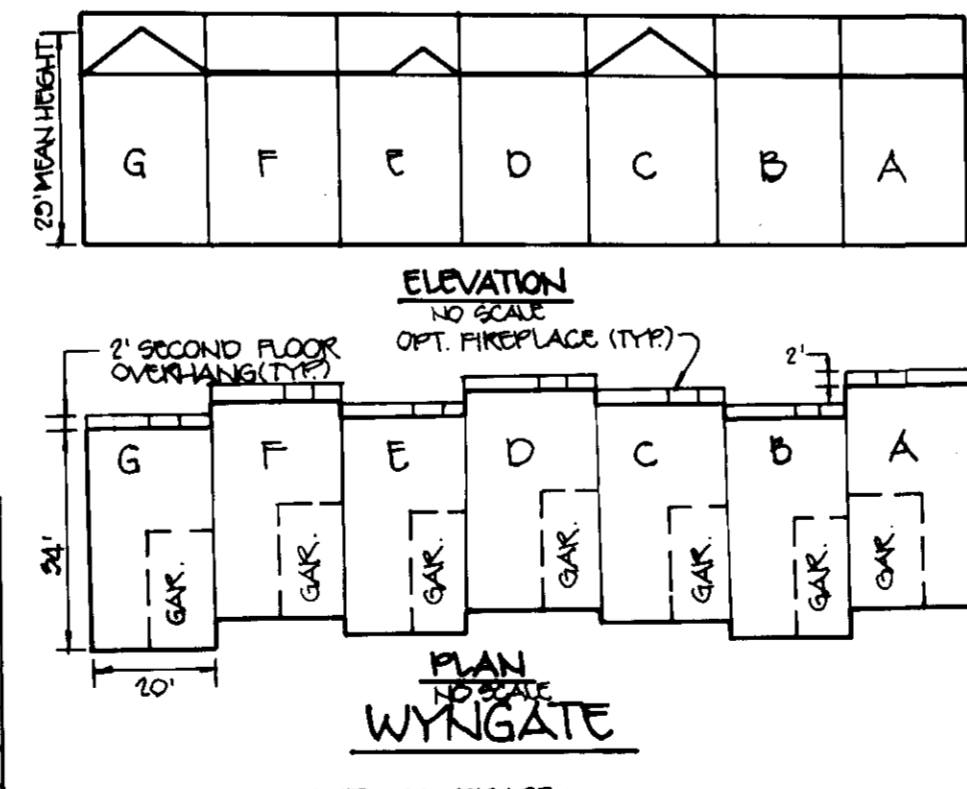
APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
 COUNTY HEALTH OFFICER _____ DATE _____
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR _____ DATE 5/24/94
 CHIEF, BUREAU OF ENGINEERING _____ DATE 5/24/94
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DIRECTOR _____ DATE 5/31/94
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH _____ DATE 5/31/94

SHEET INDEX

No.	DESCRIPTION
1.	SITE DEVELOPMENT PLAN
2.	SEDIMENT CONTROL PLAN AND SOILS MAP
3.	DETAILS
4.	LANDSCAPE PLAN

MINIMUM CELLAR ELEVATION FROM CONTRACT NO. 14-3250-D

LOT NO.	ELEV.	LOT NO.	ELEV.	LOT NO.	ELEV.
51	330.3	05	350.5	70	337.7
52	330.4	06	340.2	80	336.0
53	330.0	07	340.2	81	336.0
54	331.0	08	341.0	82	336.8
55	331.0	09	341.0	83	336.0
56	331.0	10	344.0	84	337.0
57	330.0	11	343.2	85	337.2
58	337.0	12	347.4	86	337.3
59	337.4	13	341.0	87	337.4
60	337.2	14	341.0	88	332.3
61	337.0	15	330.0	89	331.0
62	337.0	16	336.0	90	331.4
63	337.0	17	330.0	91	330.0
64	330.1	18	330.0	92	330.0



ADDRESS CHART

LOT NO.	STREET ADDRESS	LOT NO.	STREET ADDRESS
51	6601 CAMBRIA TERRACE	72	6645 CAMBRIA TERRACE
52	6603	73	6647
53	6605	74	6649
54	6607	75	6648
55	6609	76	6646
56	6611	77	6644
57	6613	78	6642
58	6615	79	6640
59	6617	80	6638
60	6619	81	6636
61	6621	82	6634
62	6623	83	6632
63	6625	84	6630
64	6627	85	6628
65	6629	86	6626
66	6631	87	6624
67	6633	88	6622
68	6635	89	6620
69	6637	90	6618
70	6639	91	6616
71	6641	92	6614

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BUILDER: RYAN HOMES
 1829 REISTERSTOWN ROAD
 SUITE 220
 BALTIMORE, MARYLAND 21208

PROJECT: BRIGHTFIELD SECTION 4
 LOTS 51 THRU 92

OWNER: 100 INVESTMENT LIMITED PARTNERSHIP
 2030 RED BRANCH ROAD, SUITE 250
 COLUMBIA, MARYLAND 21045

TITLE: SITE DEVELOPMENT PLAN
 (SINGLE FAMILY ATTACHED UNITS)

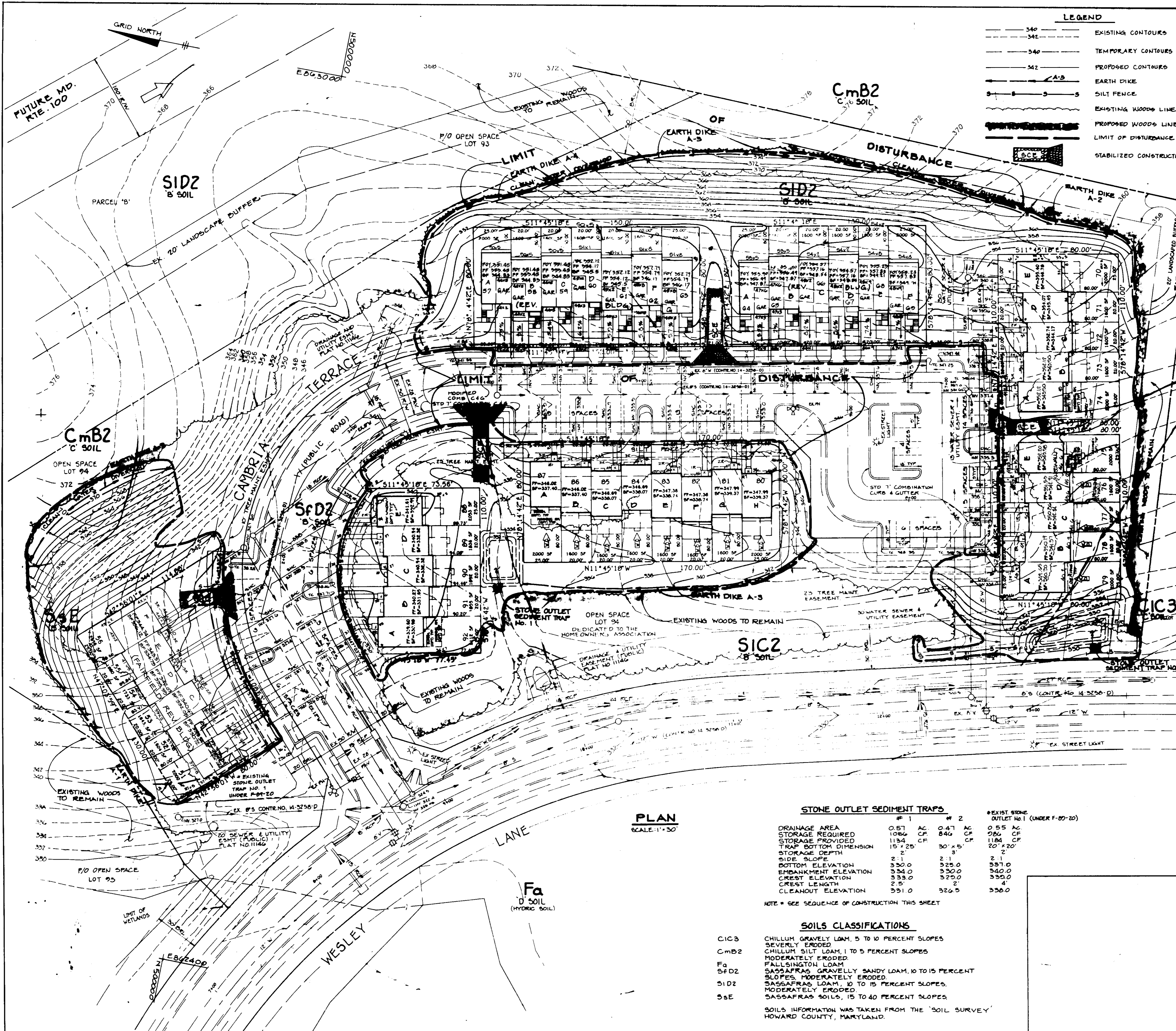
DATE: JUNE 14, 1993
 MAY 5, 1994

DESIGN: JH
DRN: JH/CAB

SCALE: AS SHOWN

DRAWING NO. OF 4

SDP-94-96



LEGEND

- 340 --- EXISTING CONTOURS
- 342 --- TEMPORARY CONTOURS FOR SEDIMENT CONTROL
- 342 --- PROPOSED CONTOURS
- A-3 --- EARTH DIKE
- S --- SILT FENCE
- --- EXISTING WOODS LINE
- --- PROPOSED WOODS LINE
- --- LIMIT OF DISTURBANCE
- --- STABILIZED CONSTRUCTION ENTRANCE

- SEQUENCE OF CONSTRUCTION**
- DAY 1 OBTAIN A GRADING PERMIT.
 - DAY 2-7 INSTALL STABILIZED CONSTRUCTION ENTRANCES, SILT FENCE, TREE PROTECTION FENCE, SEDIMENT TRAPS AND BARTH DRIES.
 - NOTE: STONE OUTLET TRAP NO. 1 UNDER F-89-28 SHALL BE MAINTAINED FOR BASE GRADING OF LOTS 51 THRU 54.
 - DAY 8-18 CLEAR AND GRUB SITE.
 - DAY 19-39 GRADE SITE AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDING NOTES.
 - DAY 40-50 UPON APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE EXISTING SEDIMENT TRAP NO. 1 AFTER STABILIZING DISTURBED AREA AROUND LOTS 51-54 AND PRIOR TO COMMENCING CONSTRUCTION OF BUILDING ON THESE LOTS.
 - DAY 51-200 COMMENCE CONSTRUCTION OF ALL LOTS.
 - DAY 201-205 UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
 - NOTE: STONE OUTLET SEDIMENT TRAP NO. 1 SHALL BE REMOVED AFTER DISTURBED AREA AROUND LOTS 80-92 HAS BEEN STABILIZED AND BUILDINGS ON LOTS 80-92 HAVE BEEN CONSTRUCTED. STONE OUTLET TRAP NO. 2 SHALL BE REMOVED AFTER DISTURBED AREA AROUND LOTS 78-79 HAS BEEN STABILIZED AND BUILDINGS ON LOTS 78-79 HAVE BEEN CONSTRUCTED.

THIS PLAN IS TO BE USED FOR SEDIMENT CONTROL ONLY.

BY THE DEVELOPER:
 I/WE 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 HOWARD SOIL CONSERVATION DISTRICT.
 DATE: 5/10/94

DEVELOPER: [Signature] DATE: 5/10/94

BY THE ENGINEER:
 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 HOWARD SOIL CONSERVATION DISTRICT.
 DATE: 5/10/94

ENGINEER: JOHN M. MORRIS
 DATE: 5/10/94

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 HOWARD S.C.D. DATE: 5/10/94

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 Patricia Englebas DATE: 5/10/94
 U.S. SOIL CONSERVATION DISTRICT

APPROVED FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
 COUNTY HEALTH OFFICER DATE: 5/24/94

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 Director DATE: 5/24/94
 Chief, Bureau of Engineering DATE: 5/24/94

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Director DATE: 5/31/94
 Chief, Division of Land Development and Research DATE: 5/31/94

PLAN
SCALE: 1" = 30'

STONE OUTLET SEDIMENT TRAPS

	# 1	# 2	*EXIST. STONE OUTLET NO. 1 (UNDER F-89-28)
DRAINAGE AREA	0.57 AC	0.47 AC	0.55 AC
STORAGE REQUIRED	1066 CF	846 CF	286 CF
STORAGE PROVIDED	1134 CF	30' x 5' x 20' = 1200 CF	1184 CF
TRAP BOTTOM DIMENSION	15' x 25'	30' x 5'	20' x 20'
STORAGE DEPTH	2'	2'	2'
SIDE SLOPE	2:1	2:1	2:1
BOTTOM ELEVATION	330.0	325.0	327.0
EMBANKMENT ELEVATION	334.0	330.0	340.0
CREST ELEVATION	333.0	329.0	339.0
CREST LENGTH	2.5'	2'	4'
CLEANOUT ELEVATION	331.0	326.5	336.0

NOTE: SEE SEQUENCE OF CONSTRUCTION THIS SHEET

SOILS CLASSIFICATIONS

- C1C3 CHILLUM GRAVELLY LOAM, 5 TO 10 PERCENT SLOPES SEVERELY ERODED
 - Cmb2 CHILLUM SILT LOAM, 1 TO 5 PERCENT SLOPES MODERATELY ERODED
 - Fa FALLSINGTON LOAM
 - Sfd2 SASSAFRAS GRAVELLY SANDY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED
 - Sid2 SASSAFRAS LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED
 - SsE SASSAFRAS SOILS, 15 TO 40 PERCENT SLOPES
- SOILS INFORMATION WAS TAKEN FROM THE 'SOIL SURVEY' HOWARD COUNTY, MARYLAND.

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BUILDER: RYAN HOMES
 1829 REISTERSTOWN ROAD
 SUITE 220
 BALTIMORE, MARYLAND 21208

PROJECT: BRIGHTFIELD SECTION 4 LOTS 51 THRU 92

LOCATION: TAX MAP 37 - PARCELS 77 & 80 #1 ELECTION DISTRICT HOWARD COUNTY, MARYLAND

OWNER: 100 INVESTMENT LIMITED PARTNERSHIP
 2030 RED BRANCH ROAD, SUITE 250
 COLUMBIA, MARYLAND 21045

TITLE: SEDIMENT CONTROL PLAN AND SOILS MAP (SINGLE FAMILY ATTACHED UNITS)
 5-89-22 F-91-11 F-89-20, F-82-05

DATE: JUNE 14, 1993
 MAY 5, 1994

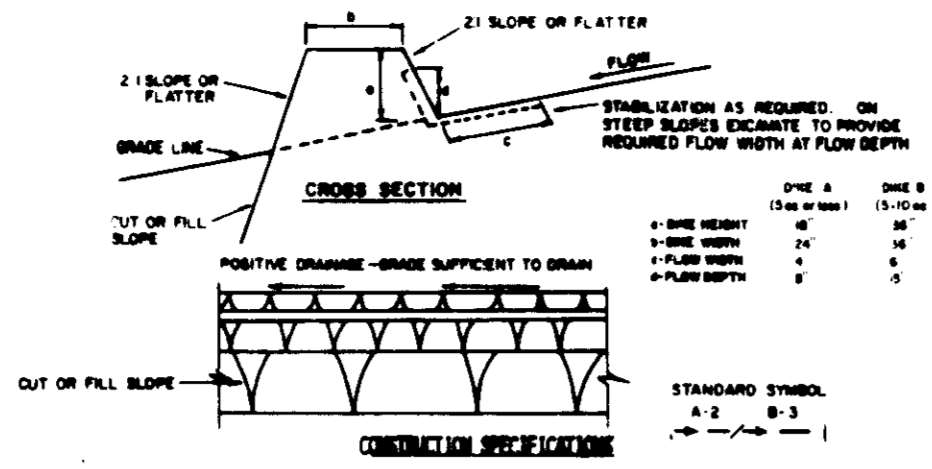
PROJECT NO.: 0571

DES: JH **DRN:** CAB/JWG **SCALE:** AS SHOWN **DRAWING:** 2 OF 4

HOWARD SOIL CONSERVATION DISTRICT

STANDARD SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, Licenses and Permits, Sediment Control Division prior to the start of any construction. (1313-1858)
- 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", revisions thereto.
- Following initial soil disturbance or redistribution, placement of temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 1:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Volume 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Section 51), sod (Section 52), temporary seeding (Section 53) and mulching (Section 54). Temporary stabilization with mulch alone can only be done when recommended seeding rates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operating condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:
 - Total Area of Site: 0.03 Acres
 - Area Disturbed: 0.74 Acres
 - Area to be Rooted or Paved: 0.00 Acres
 - Area to be Vegetatively Stabilized: 0.00 Acres
 - Total Cut: 14,810 Cu. Yds.
 - Total Fill: 18,250 Cu. Yds.
 - Off-site Waste/Borrow Area Location: See Attachment P-12-09
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 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 control. Such details proceeding with any other earth disturbance or grading. Other building or grading inspections approvals may not be authorized until this initial approval of the inspection agency is made.
- Trenches for the construction of utilities is limited to three pipe lengths of that which can be back filled and stabilized within one working day, whichever is shorter.



- CONSTRUCTION SPECIFICATIONS**
- All dikes shall be constructed by earth-moving equipment.
 - All dikes shall have positive drainage to an outlet.
 - Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
 - Field location should be located as needed to utilize a stabilized safe outlet.
 - Depth dikes shall have an outlet that functions with a minimum of erosion. They shall be connected to a sediment trapping device such as a sediment trap or sediment basin which extends the dike channel on the drainage area. The dike are not immediately stabilized.
 - Stabilization shall be: (A) in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (B) flow channel as per the sheet below.

TYPE OF TRENCH	CHANNEL SIZE	DISE A	DISE B
1	5-5.0R	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0R	SEED AND STRAW MULCH	SEED USING MULCH, OR MULCHING, SO: 1/2 STONE
3	5.1-8.0R	SEED WITH MULCH, OR SO: 1/2 STONE	LINED RIP-RAP 4-8"
4	8.1-20R	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

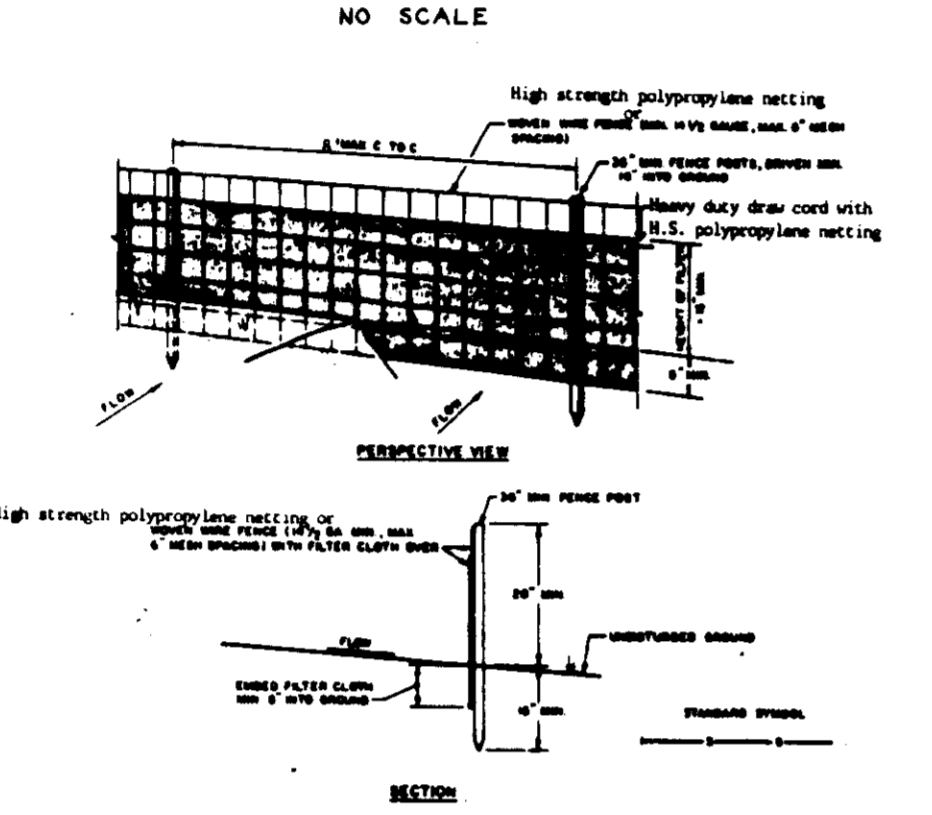
A. Stone to be 2 inch stone, or recycled concrete equivalent, in a layer at least 3 inches in thickness and be placed into the hole with construction equipment.

B. The stone shall be placed in a layer at least 8 inches thickness and pressed into the hole.

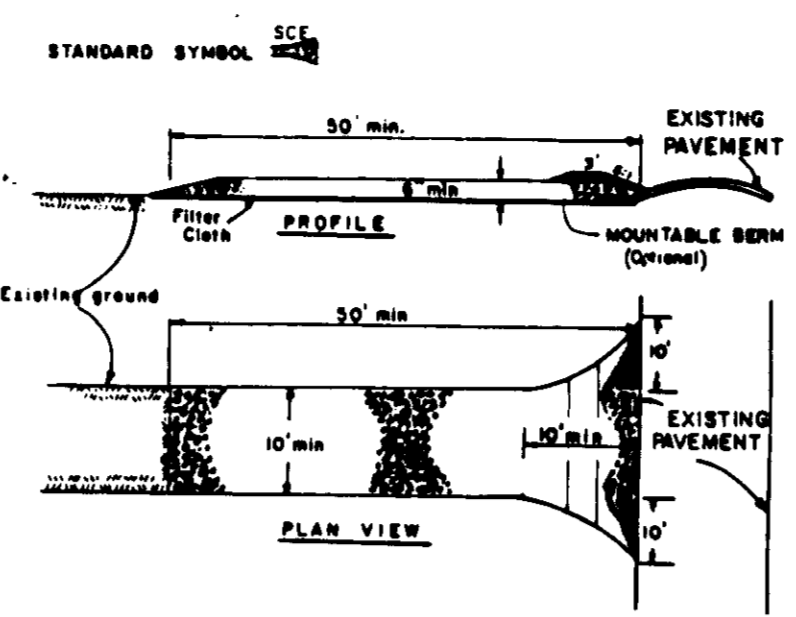
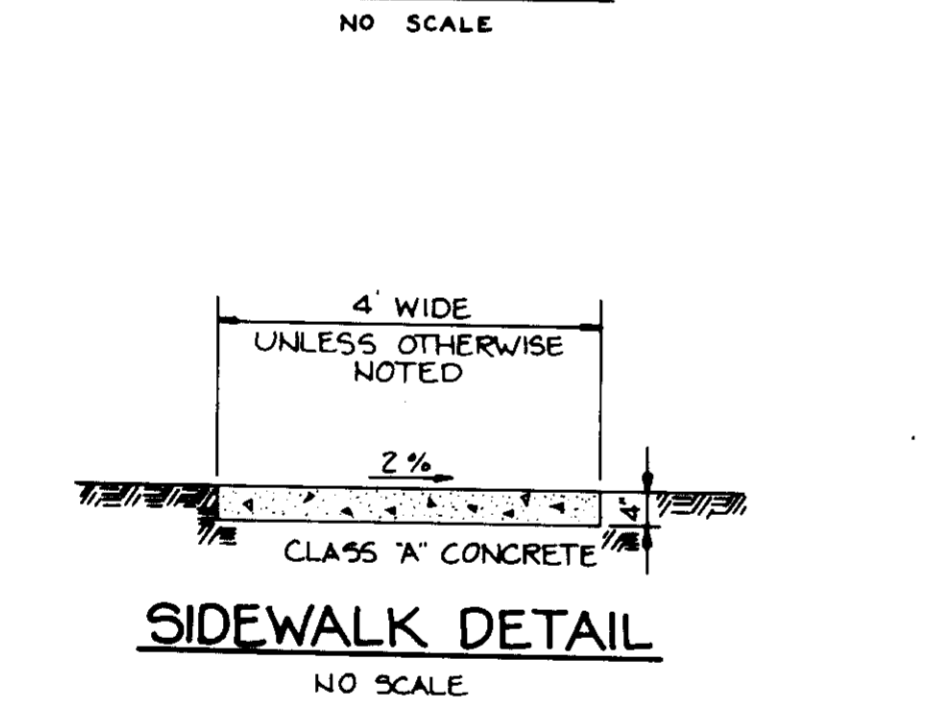
C. Particulate matter can be identified for any of the above materials.

7. Particulate inspection and needed maintenance shall be provided after each rain event.

EARTH DIKE

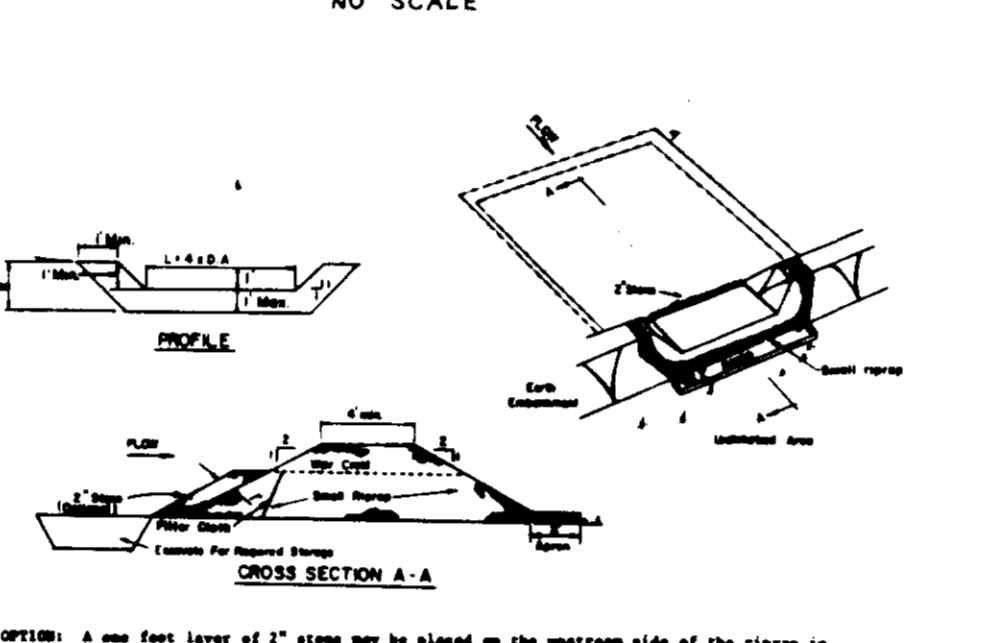


SILT FENCE



- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or recycled or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a slight resistance lot where a 30 feet minimum length would apply).
 - Thickness - Not less than 18" (18" minimum).
 - Width - Ten (10) feet minimum, but not less than the full width at the dike where ingress or egress occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flowing or directed toward construction entrance shall be piped across the entrance. If piping is impractical, a mountable berm with 18" slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flinging of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and regular cleaning of any material used to trap sediment. All material spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 - Washing - Washes shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Particulate inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE



- CONSTRUCTION SPECIFICATIONS FOR STABILIZED CONSTRUCTION ENTRANCE**
- Area under sediment shall be cleared, graded and stripped of any vegetation and root mat. The soil shall be cleared.
 - The fill material for the entrance shall be free of roots and other woody vegetation and shall be compacted with equipment while it is being constructed.
 - All soil and fill slopes shall be 1:1 or flatter.
 - The stone used in the outlet shall be small riprap 4-8" along with a 1" thickness of 2" aggregate placed on the upstream side of the small riprap or sediment filter cloth in the trap.
 - Sediment shall be removed and trap returned to its original dimensions when the sediment has accumulated to the design depth of the trap.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP

PERMANENT SEEDBED PREPARATION

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

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

- 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. NARROW OR DISC INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING. APPLY 400 LBS PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 lbs/1000 sq ft)
- 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. NARROW OR DISC 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 OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (OR 18 lbs/1000 sq ft) OF KEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF HELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 lbs/1000 sq ft) OF UNROTATED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 gal/1000 sq ft) OF ENHANCED ASPHALT ON FLAT AREAS. ON SLOPES 6 FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 gal/1000 sq ft) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDBED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDBED PREPARATION

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, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

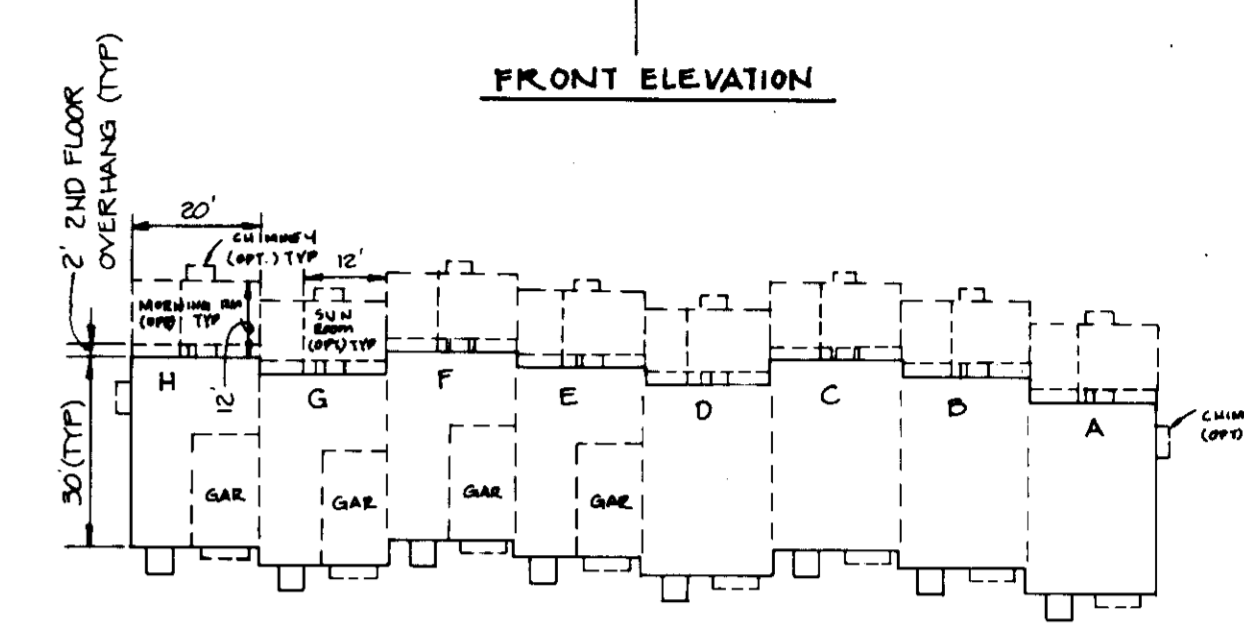
SOIL AMENDMENTS: APPLY .06 LBS PER ACRE 10-10-10 FERTILIZER (14 lbs/1000 sq ft).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2-1/2 BUSHELS 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 KEEPING LOVEGRASS (0.7 lbs/1000 sq ft). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF HELL 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 UNROTATED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 gal/1000 sq ft) OF ENHANCED ASPHALT ON FLAT AREAS. ON SLOPES 6 FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 gal/1000 sq ft) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR FURTHER INFORMATION.

UNIT COVERAGE
 STD UNIT 20' x 32' = 640 sq ft = 100% MIN LOT SIZE
 UNIT WITH SHARPCORNER = 25' x 32' = 800 sq ft = 125% MIN LOT SIZE
 UNIT WITH MORNINGROOM = 20' x 32' = 640 sq ft = 100% MIN LOT SIZE



FAIRFIELD SERIES TOWNHOMES

BY THE DEVELOPER:
 I/WE 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 HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER: *[Signature]* DATE: **5/10/94**

BY THE ENGINEER:
 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 HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER: *[Signature]* DATE: **5/16/94**

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

HOWARD S.C.D. DATE: **5/16/94**

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[Signature] DATE: **5/16/94**

U.S. SOIL CONSERVATION DISTRICT

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

COUNTY HEALTH OFFICER: *[Signature]* DATE: **5/24/94**

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

DIRECTOR: *[Signature]* DATE: **5/24/94**

CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: **5/24/94**

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DIRECTOR: *[Signature]* DATE: **5/31/94**

CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH: *[Signature]* DATE: **5/31/94**

TSA GROUP, INC.
 planning • architecture • engineering
 8480 Baltimore National Pike • Ellicott City, Maryland 21048 • (800)688-8108

BUILDER: RYAN HOMES
 1029 REISTERSTOWN ROAD
 SUITE 220
 BALTIMORE, MARYLAND 21208

PROJECT: BRIGHTFIELD SECTION 4
 LOTS 51 THRU 92

LOCATION: TAX MAP 37 - PARCELS 77 & 80
 1st ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

OWNER: 100 INVESTMENT LIMITED PARTNERSHIP
 9030 RED BRANCH ROAD, SUITE 250
 COLUMBIA, MARYLAND 21045

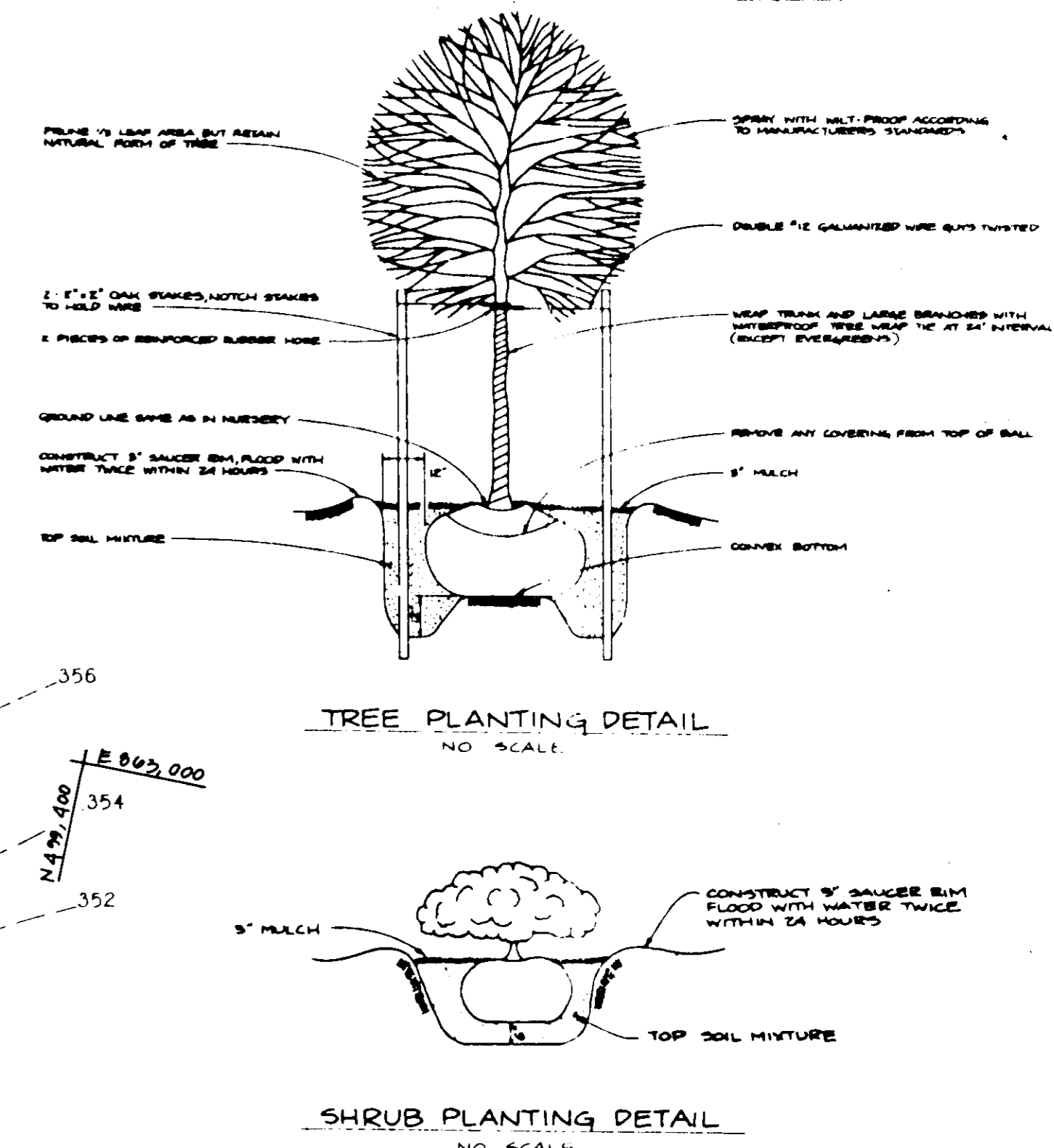
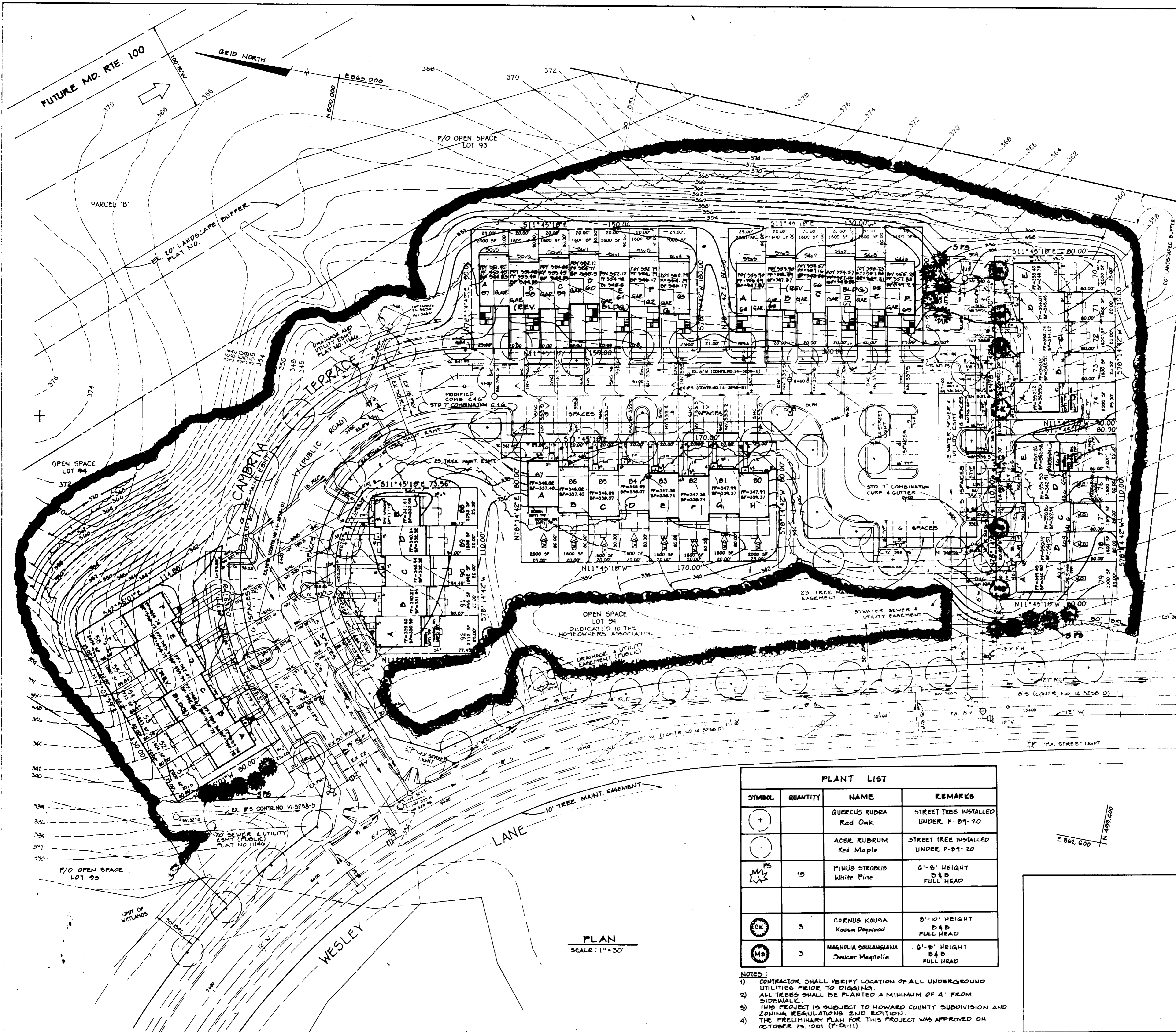
TITLE: DETAILS (SINGLE FAMILY ATTACHED UNITS)
 F-92-03 5-89-22 P-91-11 F-89-20

DATE: JUNE 14, 1993
 MAY 5, 1994

PROJECT NO. 0571

DES: JH DRN: SHS/JWG SCALE: AS SHOWN DRAWING 3 OF 4

20994



THIS PLAN IS TO BE USED FOR LANDSCAPING ONLY

APPROVED: FOR PUBLIC WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
 COUNTY HEALTH OFFICER _____ DATE _____
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR *Jana G. J...* DATE *5/24/04*
 CHIEF, BUREAU OF ENGINEERING AND SURVEYING
 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DIRECTOR *James Smith* DATE *5/31/04*
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH
Aime Summery DATE *5/31/04*

5-16-05 REVERSE UNIT TYPES, LOTS 87-90
 NO. DATE REVISION

TSA GROUP, INC.
 planning • architecture • engineering • surveying
 8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (410) 488-8108

BUILDER: RYAN HOMES
 1829 REISTERSTOWN ROAD
 SUITE 220
 BALTIMORE, MARYLAND 21208
 PROJECT: BRIGHTFIELD
 SECTION 4
 LOTS 51 THRU 92
 LOCATION: TAX MAP 37 - PARCELS 77 & 80
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 OWNER: 100 INVESTMENT LIMITED PARTNERSHIP
 2030 RED BRANCH ROAD SUITE 250
 COLUMBIA, MARYLAND 21045
 TITLE: LANDSCAPE PLAN
 (SINGLE FAMILY ATTACHED UNIT)
 5-09-02 P-21-11 P-09-20 P-02-03
 DATE: JUNE 14, 2003 PROJECT NO. 0371
 MAY 5, 2004
 DES: JH DRN: JWG SCALE: AS SHOWN DRAWING 4 OF 4

PLANT LIST			
SYMBOL	QUANTITY	NAME	REMARKS
(+)		QUERCUS RUBRA Red Oak	STREET TREE INSTALLED UNDER P-09-20
(○)		ACER RUBRUM Red Maple	STREET TREE INSTALLED UNDER P-09-20
(M)	15	PINUS STROBUS White Pine	6'-8' HEIGHT D & D FULL HEAD
(OK)	3	CORNUS KOUSA Kousa Dogwood	8'-10' HEIGHT D & D FULL HEAD
(MS)	3	MAGNOLIA SOULANGIANA Saucer Magnolia	6'-8' HEIGHT D & D FULL HEAD

NOTES:
 1) CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
 2) ALL TREES SHALL BE PLANTED A MINIMUM OF 4' FROM SIDEWALK.
 3) THIS PROJECT IS SUBJECT TO HOWARD COUNTY SUBDIVISION AND ZONING REGULATIONS 2ND EDITION.
 4) THE PRELIMINARY PLAN FOR THIS PROJECT WAS APPROVED ON OCTOBER 23, 2001 (P-01-11)

PLAN
 SCALE: 1" = 30'

SDP 99-96