SEDIMENT CONTROL NOTES

1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2452).
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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
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 MUST BE FENCED AND BEARING SIGNS POSTED ADDRESS THEIR PERIMETER IN ACCORDANCE WITH SUBTITLE 1, CHAPTER 151, OF THE HOWARD COUNTY CODE.
5) 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 SEEDINGS (SEC. 51) AND (SEC. 86), TEMPORARY SEEDING (SEC. 50) AND BUILDING (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	17,836	SF
AREA DISTURBED	17,836	SF
AREA TO BE ROOFED OR PAVED	3,500	SF
AREA TO BE VEGETATIVELY STABILIZED	14,336	SF
TOTAL CUT	2,000	CU.YDS.
TOTAL FILL	2,000	CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	TO BE DETERMINED	

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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW 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.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETIVE COVER IS NEEDED.

SEEDBED PREPARATION

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

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER OR 1.38LB/1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ARREAL (70 LB/1,000 SQ.FT)OF THE PLEDGE HAY (ONLY AVAILABLE IN SEED WITH 3 LBS/ACRE OF WEEPING LOVEGRASS (.07 LBS/1,000 SQ.FT). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 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 SQFT.) OF UNROTTEN SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL, 200 GALLONS PER ACRE (5 GAL/1000 SQFT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQFT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDBED PREPARATION

LOOSEN TOP THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (90 LBS/1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1,000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT 14 DAYS APPLY 400 LBS. PER ACRE 20-0-0 UREAFORM FERTILIZER (9 LBS./1,000 SQ.FT.) AND 600 LBS. PER ACRE (0-0 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1,000 SQ.FT.) OF CENTURY 'A' TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 60 LBS/ACRE (1.4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION OF: a) TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION OF: b) 600 LBS. PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

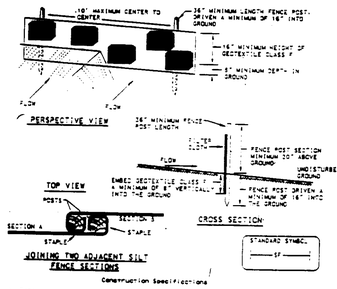
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE OF 70 TO 90 LBS./1,000 SQ.FT.) OF UNROTTEN SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT ACRES, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) OF ANCHORING.

MAINTENANCE

INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

* FOR PUBLIC ROADS SUBSTITUTE CRIMPING CROWNVETCH AT 15 LBS/ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS/ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



JOINING TWO ADJACENT SILT FENCE SECTIONS

Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1½" x 1½" square (minimum) cut, or 1¾" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 1.00 pond per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft²/ minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

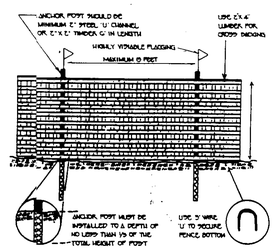
3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reaches 50% of the fence height.

SILT FENCE DETAIL
NOT TO SCALE

SEQUENCE OF CONSTRUCTION

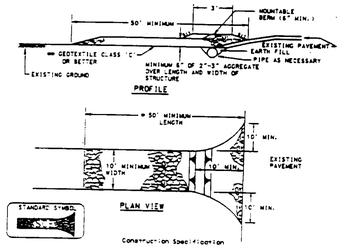
1 DAY 1. OBTAIN GRADING PERMIT.
1 DAY 2. INSTALL ALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN.
2 DAYS 3. CLEAR AND GRUB SITE.
1 DAY 4. INSTALL TEMPORARY SEEDING.
1 DAY 5. EXCAVATE FOR FOUNDATIONS AND ROUGH GRADE.
60 DAYS 6. CONSTRUCT DWELLINGS.
1 DAY 7. FINE GRADE AND INSTALL PERMANENT SEEDING.
1 DAY 8. REMOVE SEDIMENT AND EROSION CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR.



Notes
1. Forest boundaries denote entry.
2. Boundaries of Sensitive Areas should be staked and flagged prior to installing device
3. Boundaries of Easements Area should be staked and flagged prior to installing device
4. Root damage should be avoided.
5. Protective signage may also be used.
6. Device should be maintained throughout construction.

TREE PROTECTION DETAIL
NOT TO SCALE

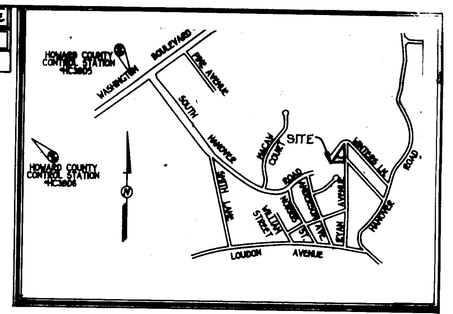
SHC INVERT ELEVATION @ PROPERTY LINE	
LOT No.	ELEVATION
18	168.03



Construction Specification

1. Length - minimum of 50' (*30' for single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile (class C) filter cloth) shall be placed over the existing ground prior to placing stone. Refer plan approval authority may not require single family residence lot use geotextile.
4. Stone - crushed aggregate (2" to 3") or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe may have to be sized according to the drainage. When the site is located at a high spot and has no drainage to convey, a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. Location - a stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



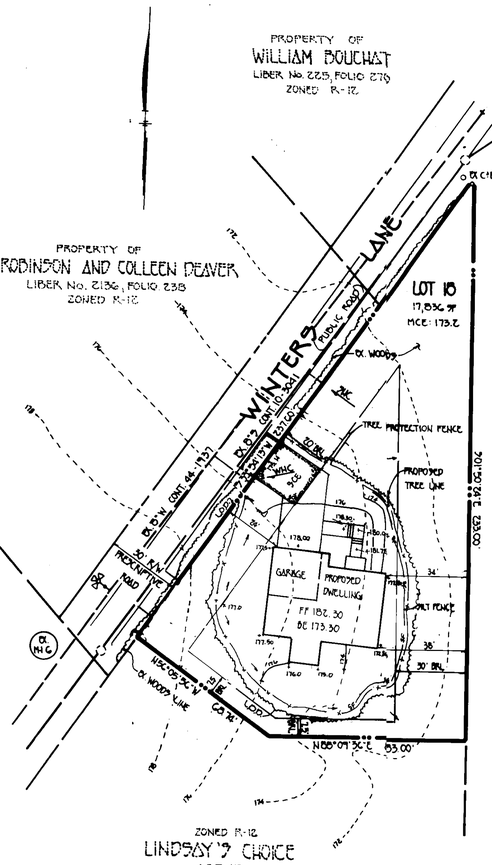
VICINITY MAP
SCALE 1" = 1200'

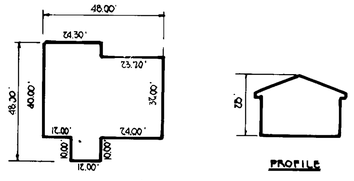
GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410)313-1870 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK. THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: LINDSAY'S CHOICE, F 95-33.
3. BOUNDARY SURVEY WAS PREPARED BY FISHER, CARTER, AND COLLINS, INC. ON OR ABOUT SEPTEMBER, 1992.
4. HORIZONTAL AND VERTICAL CONTROL IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS HC3D5 AND HC3D6.

HC3D5	N	558378.578
	E	1386527.302
HC3D6	N	557155.465
	E	1386992.392

5. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
6. EXISTING UTILITIES WERE LOCATED FROM EXISTING ROAD CONSTRUCTING DRAWINGS AND EXISTING WATER AND SEWER CONTRACT.
7. SITE ANALYSIS:
   A. THIS PROJECT IS ZONED R-12.
   B. TOTAL AREA OF BUILDABLE LOT: 17,836 SF.±
   C. LIMIT OF SUBMISSION AREA: 17,836 SF.±
   D. TOTAL NUMBER OF BUILDABLE LOTS: 1
8. ALL FIREPLACE CHIMNEYS AND BAY WINDOWS NOT MORE THAN 10 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY REQUIRED YARD IN ACCORDANCE WITH SECTION 128 OF THE ZONING REGULATIONS. FRONT STOOP MAY NOT PROJECT MORE THAN FOUR FEET INTO THE REQUIRED SETBACK.
9. PROJECT BACKGROUND:
   LOCATION: TAX MAP 36, PARCEL 682
   ZONED: R-12
   ELECTION DISTRICT: FIRST
   TOTAL TRACT AREA: 33,039 SQ.FT.
10. STORMWATER MANAGEMENT IS NOT REQUIRED.
11. THIS PLAN IS FOR HOUSE SITTING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHT-OF-WAYS OF THIS SDP ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION, SEE APPROVED ROAD CONSTRUCTION PLANS F 95-33 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT No. 10-3041-D AND 44-1997.
12. CONTRACTOR TO CONSTRUCT RESIDENTIAL DRIVEWAY ENTRANCES PER HOWARD COUNTY STANDARD DETAILS R-6.01 AND R-6.05. SEE HOWARD COUNTY DESIGN MANUAL VOLUME IV.
13. THIS PLAN IS SUBJECT TO F 88-16 AND F 94-65.





TYPICAL FOOTPRINT
NOT TO SCALE

STREET ADDRESS CHART	
LOT No.	STREET ADDRESS
18	6284 WINTERS LANE

LEGEND
- EXISTING 2' INTERVAL CONTOUR
- EXISTING 10' INTERVAL CONTOUR
- PROPOSED 2' INTERVAL CONTOUR
- PROPOSED 10' INTERVAL CONTOUR
- +624.0 SPOT ELEVATION
- WO PROPOSED WALKOUT
- FF FIRST FLOOR ELEVATION
- BE BASEMENT ELEVATION
- SF SILT FENCE
- TF TREE PROTECTION FENCE
- EXISTING TREE LINE
- LOD LIMITS OF DISTURBANCE

E 1,387,750
N 557,250

N 557,500
E 1387,062.12

N 557,250
E 1387,062.50

NO	DATE	DESCRIPTION
1	7-1-96	REV. H36.1 GRID
REVISION		

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

ENGINEER'S CERTIFICATE

I HEREBY 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.

SIGNATURE OF ENGINEER — DATE 9/12/95

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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 ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT

SIGNATURE OF DEVELOPER — DATE 9/12/95

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Patricia Engle-Jones — DATE 9/19/95
UNDER NATURAL RESOURCES CONSERVATION SERVICE

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

DISTRICT — DATE 9/19/95
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPT. OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION — VJC — DATE 9/26/95

CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH — TC — DATE 9/22/95

DIRECTOR — DATE 9/25/95

STATE OF MARYLAND — CHARLES T. FISHER III — REGISTERED PROFESSIONAL ENGINEER

OWNER / DEVELOPER
HOUSE BEAUTIFUL INC.
8370 VETERANS HIGHWAY, SUITE 204
MILLERSVILLE, MARYLAND 21108

SITE DEVELOPMENT PLAN
LINDSAY'S CHOICE
LOT 18

PROPERTY/SUBDIVISION			SECTION/AREA		LOT NO.
LINDSAY'S CHOICE					18
PLAT NO./L.F.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
11764	14	R-12	36	FIRST	6012
WATER CODE		SEWER CODE			
A01		2150300			

TAX MAP 36 ZONED R-12 P/O PARCEL 682
FIRST ELECTION DIST. HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: SEPTEMBER 7, 1995
SHEET 1 OF 1

S.D.P. 96-07