

VICINITY MAP

410.850.4620

410.787.9068

1.800.257.7777

N 173,996.1454 E 419,619.1591 E1: 147.1455 (meters) N 570,852.353 E 1,376,700.524 E1: 482.760 (feet) 5'-SW of edge of road \$ 500'-W of Wharf Lane. N 174,448.1551 E 419,864.0348 EL: 145.8922 (meters) N 572,335.322 E 1,377,503.920 EL: 478.648 (feet) 9'-SE of edge of road \$ 250'-W of Beechwood Road.

3. The Contractor shall notify the following utility companies or agencies at least five(5)

1.800.743.0033/410.224.9210 1,800,252,1133 410.531.5533

410.795.1390 Howard County, Dept. of Public Works, Bureau of Utilities 410.313.4900 410.313.2640

- 5. The contractor shall notify the Department of Public Works/Bureau of Engineering Construction Inspection Division at (410) 313-1880 at least five (5) working days prior
- 6. The lots shown hereon comply with the minimum ownership, width and lot area as
- required by the Maryland State Department of the Environment.
- 11. The project is in conformance with the latest Howard County Standards unless waivers have
- based on the Maryland State Plane Coordinate system. Howard County monument numbers
- 13. In accordance with section 128 of the Howard County Zoning Regulations, bay windows, chimneys, or exterior stairways not more than 16 feet in width may project not more than 4 feet into any setbacks. Porches, or decks, open or enclosed may project not
- 14. Driveway(s) shall be provided prior to issuance of a use and occupancy permit for any new
- b) Surface-6 inches of compacted crusher run base with 1 1/2" Min. tar and chip coating.
- d) Structures (bridges/culverts)-capable of supporting 25 gross tons (H25-loading).
- e) Drainage elements-capable of safely passing 100 year flood with no more than one foot
- which are to be 1%. If no slope is shown, 2.0% may be assumed.
- 16. No clearing, grading or construction is permitted within wetland or stream system buffers

- 19. Financial surety for the required landscaping per P.B. 357 must be posted as part of the Grading
- Permit in the amount of \$5,400.00 (12 shade trees @ \$300.00 each, 60 shrubs
- 12 single family attached residential lots and open space lots on 9.320 Acres of land,

SHEET No. ·1 of 2 2 of 2

OWNER/DEVELOPER

11460 Cronridge Drive, Suite 128 Owings Mills, MD 21117

SITE DEVELOPMENT PLAN

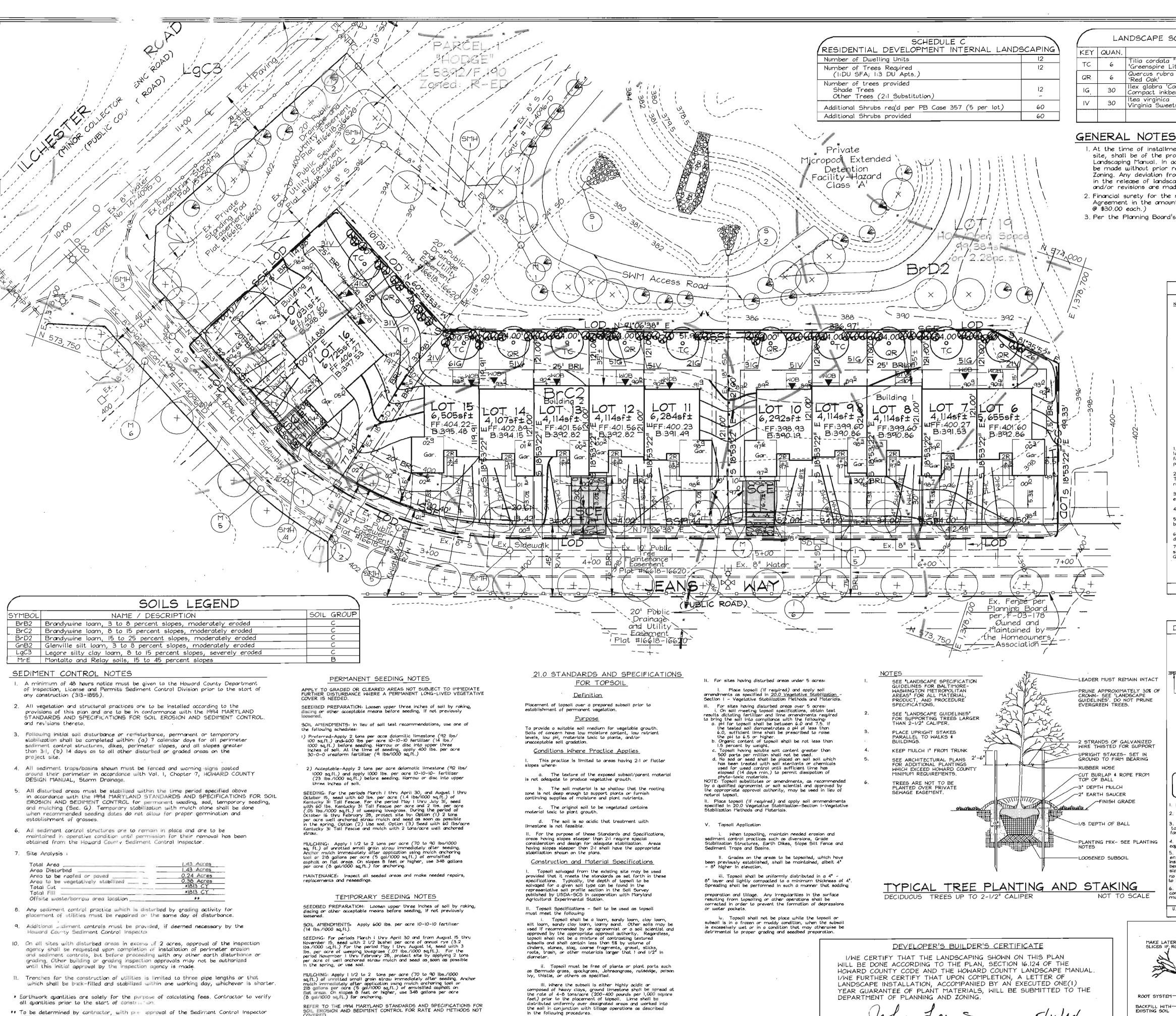
ILCHESTER HILLS

PROPOSED SINGLE FAMILY ATTACHED DWELLING UNITS PARCEL 419

HOWARD COUNTY, MARYLAND

Engineers Planners Surveyors 8318 Forrest Street Ellicott City, MD 21043 Tel:410-750-2251 Fax: 410-750-7350

DESIGN BY: PS DRAWN BY: ___DSH_ HECKED BY: _ ZYF_ SCALE: _____1"=30" DATE: May 10, 2004 W.O. No.: ___3186 SHEET No.: ___ OF _2



ENGINEERS CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION

BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS

REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

5/11/04

DATE

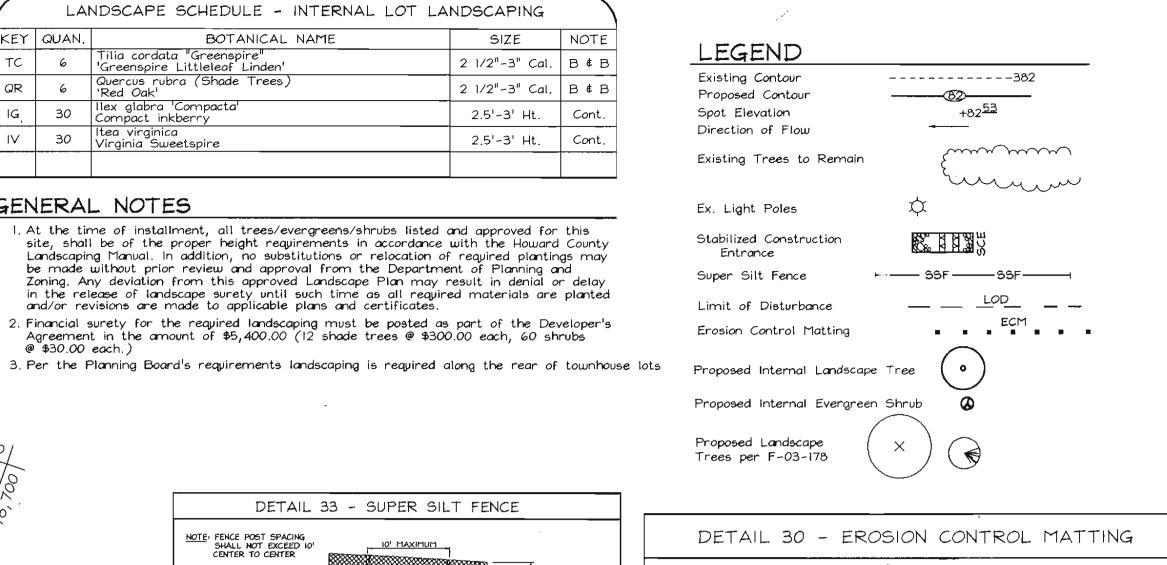
CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN

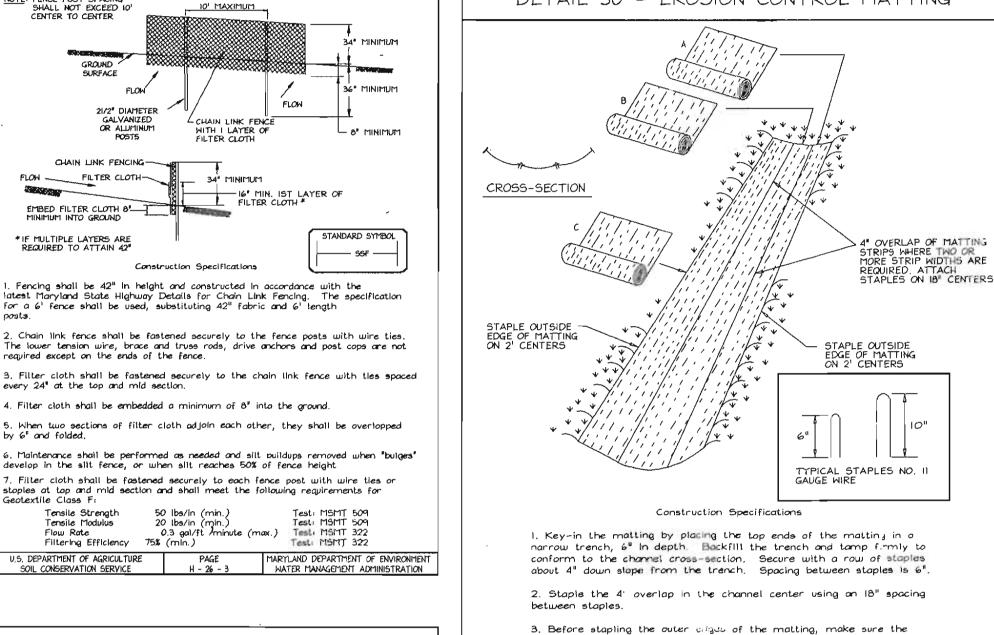
AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE

tacharia

SIGNATURE OF ENGINEER

ZACHARIA Y. FISCH





4. Staples shall be placed 2' apart with 4 rows for each strip, 2 outer raws, and 2 olternoting raws down the center. 5. Where one roll of matting ends and another begins, the end of the top strip shall overlap the upper end of the lower strip by 4", shiplap fashion. Reinfo : the overlap with a double row of staples spaced 6" apart in a staggered pattern on either side.

matting is smooth and in firm contact with the soil.

6. The discharge end of the matting liner should be similarly secured with 2 double rows of staples.

Note: If flow will enter from the edge of the matting then the area

effected by the flow must be keyed-in. MARYLAND DEPARTMENT OF ENVIRONMENT

SEQUENCE OF CONSTRUCTION 1. Obtain Grading permit. 2. Notify Howard County Department of Inspections, License and Permits at

(410) 313-1880 at least 24 hours before starting any work. 3. Install Stabilized Construction Entrance and Super Silt Fence (I week) 4. Begin house construction. 5. Complete house construction, construct driveways, fine grade site, and install Erosian Control Motting. (3 months)

6. Install Landscaping. (I week) ! During grading and after each rainfall, contractor will inspect and provide necessary maintenance to the sediment control measures on this plan. 8. Following initial soil disturbance or any redisturbances, permanent or temporary Stabilization shall be completed within:

A. 7 calendar days for all perimeter sediment control structures, dikes swales and all slopes greater than 3:1. B. 14 calendar days for all other disturbed areas.

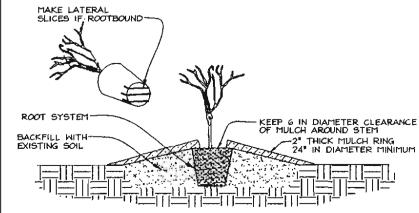
Upon stabilization of all disturbed areas and with the permission of the sediment control inspector, remove all sediment control measures and stabilize any remaining disturbed area. (I week)

OWNER/DEVELOPER

RYAN HOMES 11460 Cronridge Drive, Suite 128 Owings Mills, MD 21117 Tel: 410-654-0501

SEDIMENT AND EROSION CONTROL

AND LANDSCAPING PLAN AND DETAILS



CONTAINER PLANTING

NOT TO SCALE

PLANTING PROCEDURE FOR CONTAINER GROWN PLANTS

REMOVE THE PLANT EITHER BY CUTTING OR INVERTING THE CONTAINER
2. USE A KNIFE TO CUT THROUGH BOTTOM HALF OF THE ROOT BALL.
3. PLANT SHRUBS ON FORMED UP MOUNDS 4" ABOVE THE EXISTING GRADE WHEN HIGH WATER TABLE CONDITIONS EXIST, OTHERWISE PLANT FLUSH WITH EXISTING GRADE.
4. PLANTING HOLE TO BE 2-3 TIMES THE DIAMETER OF THE CONTIANER.

, INSERT FERTILIZER TABLET, BACKFILL 2/3 OF THE ROOT BALL AND WATER.

6. AFTER WATER PERCOLATES, BACKFILL HOLE TO TOP OF ROOT BALL AND GENTLY TAMP SOIL TO FIRM CONTACT WITH PLANT.
7. APPLY MULCH RING AROUND PLANT KEEPING A 6 IN CLEARANCE FROM STEM.

DEVELOPER'S CERTIFICATE

DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL,

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

SIGNATURE OF

AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

PLAN VIEW

. Width ~ 101 minimum, should be flored at the existing road to provide a turning rodius

Construction Specification

3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone, ** The plan approval authority may not require single family residences to use geotextile.

4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.

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 511 stapes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has

to 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.

construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

Location - A stabilized construction entrance shall be located at every point where

U.S. DEPARTMENT OF AGRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONMENT SOIL CONSERVATION SERVICE F - 17 - 3 WATER MANAGEMENT ADMINISTRATION

Length - minimum of 50' (* 30' for a single residence lot).

** GEOTEXTILE CLASS -

- EXISTING GROUND

STANDARD SYMBOL

BERM (6" MIN.)

- EARTH FILL

MINIMUM 6" OF 2"- 3"
AGGREGATE OVER LENGTH
AND WIDTH OF STRUCTURE

◆ 50¹ MINIMUM — LENGTH

---- PIPE AS NECESSARY

ILCHESTER HILLS LOTS 6-17 TAX MAP 31 GRID 5

PROPOSED SINGLE FAMILY ATTACHED DWELLING UNITS IST ELECTION DISTRICT

PARCEL 419 HOWARD COUNTY, MARYLAND



FSH Associates Engineers Planners Surveyors 8318 Forrest Street E 1 ('ity, MD 21043 Tel:410-750-2251 Fr 0 750-7350 E-mail: FSHAssociate com

DESIGN BY: ___PS DRAWN BY: ___DSH_ CHECKED BY: ZYF 1"=30' SCALE: DATE: May 10, 2004 W.O. No.: ___3186 SHEET No.: 2 OF 2

SDP-04-086



with an approved and active grading per-

APPROVED: HOWARD COUNTY DEPAR MENT OF PLANNING AND ZONING | REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS

CONSERVATION SERVICE

SOIL CONSERVATION DISTRICT