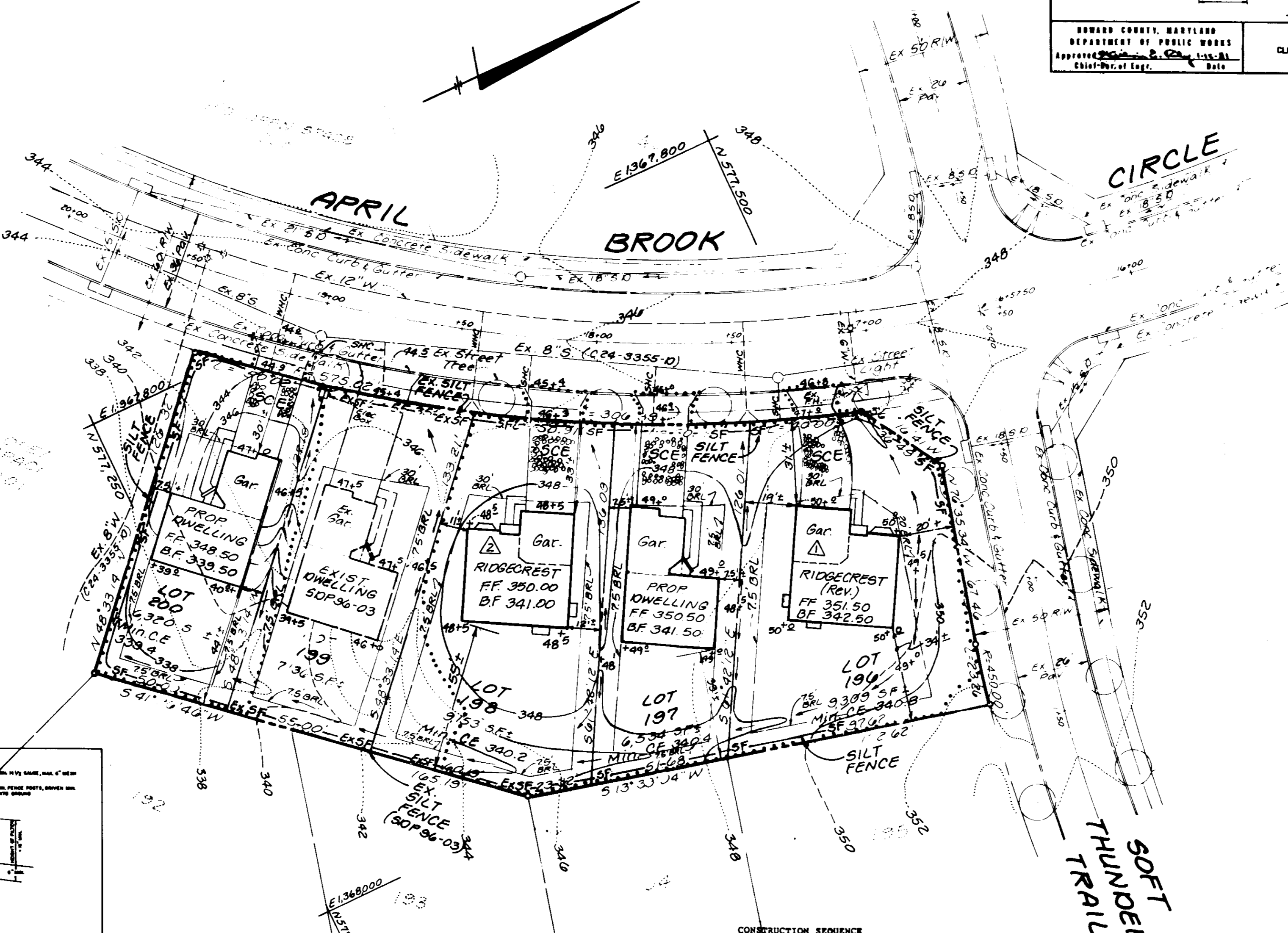
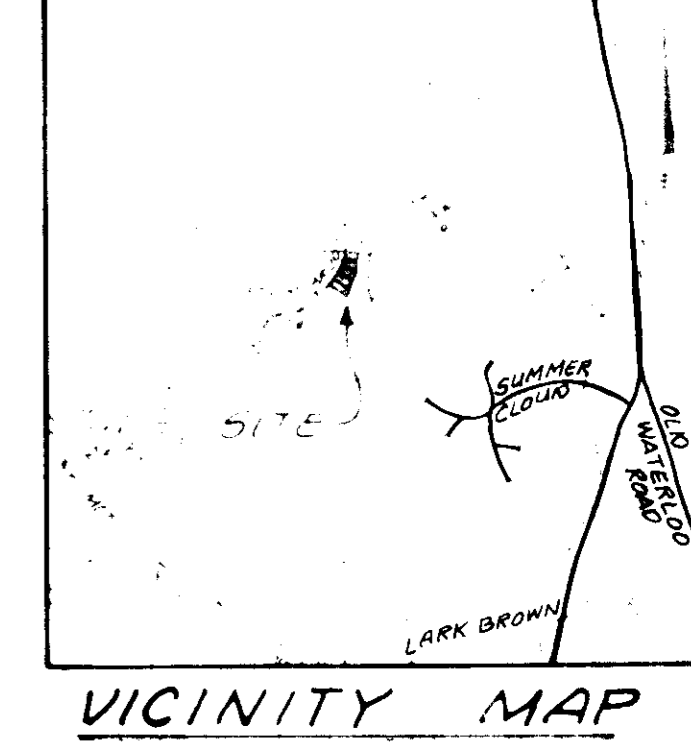
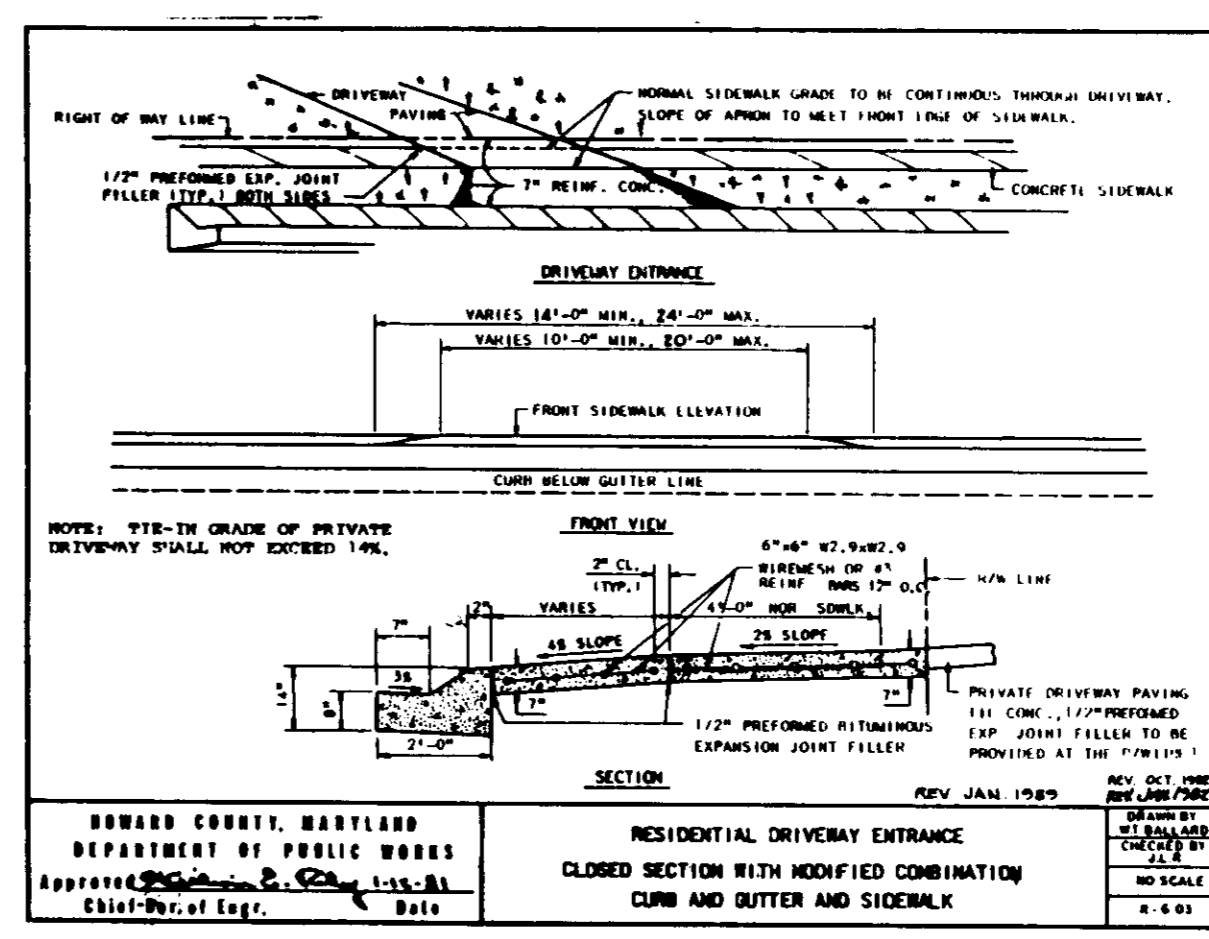
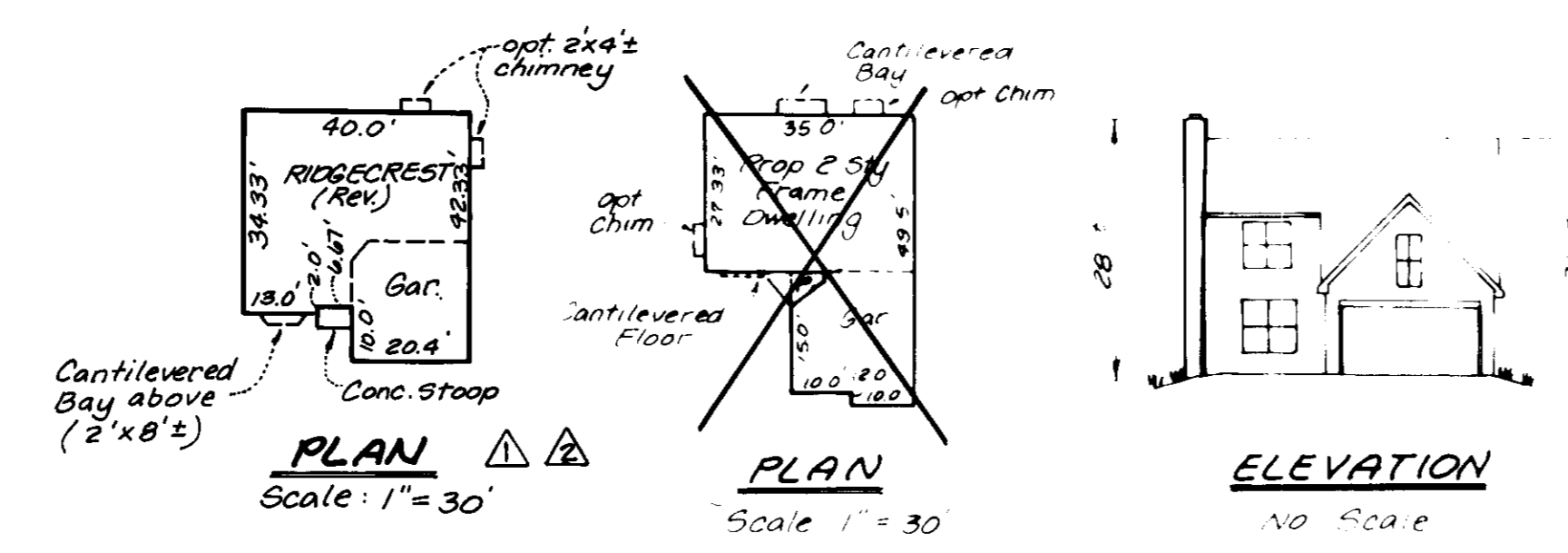


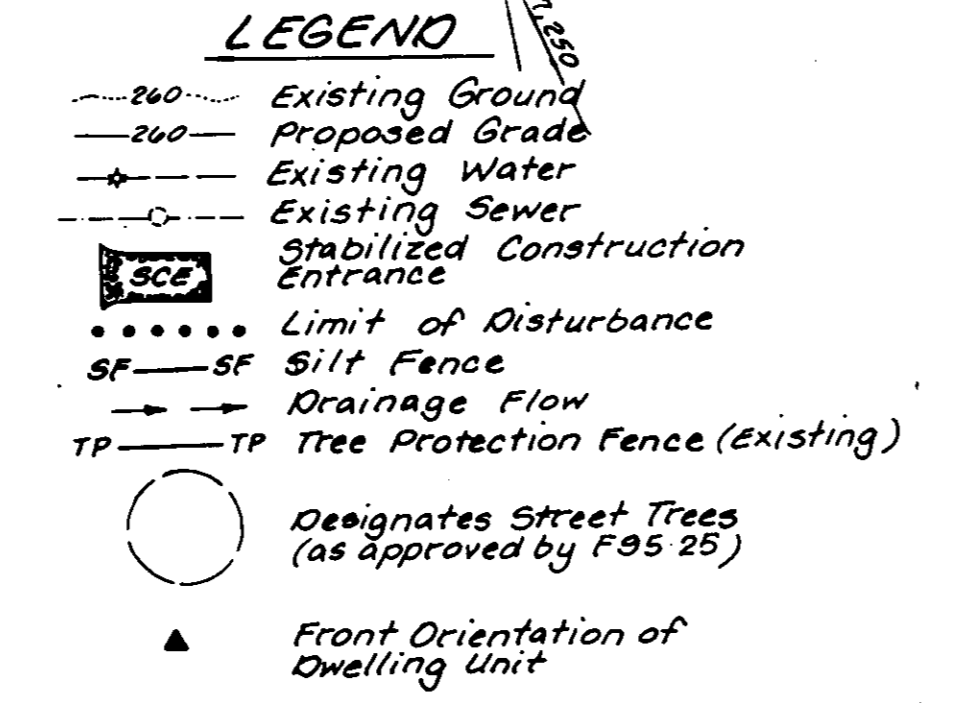
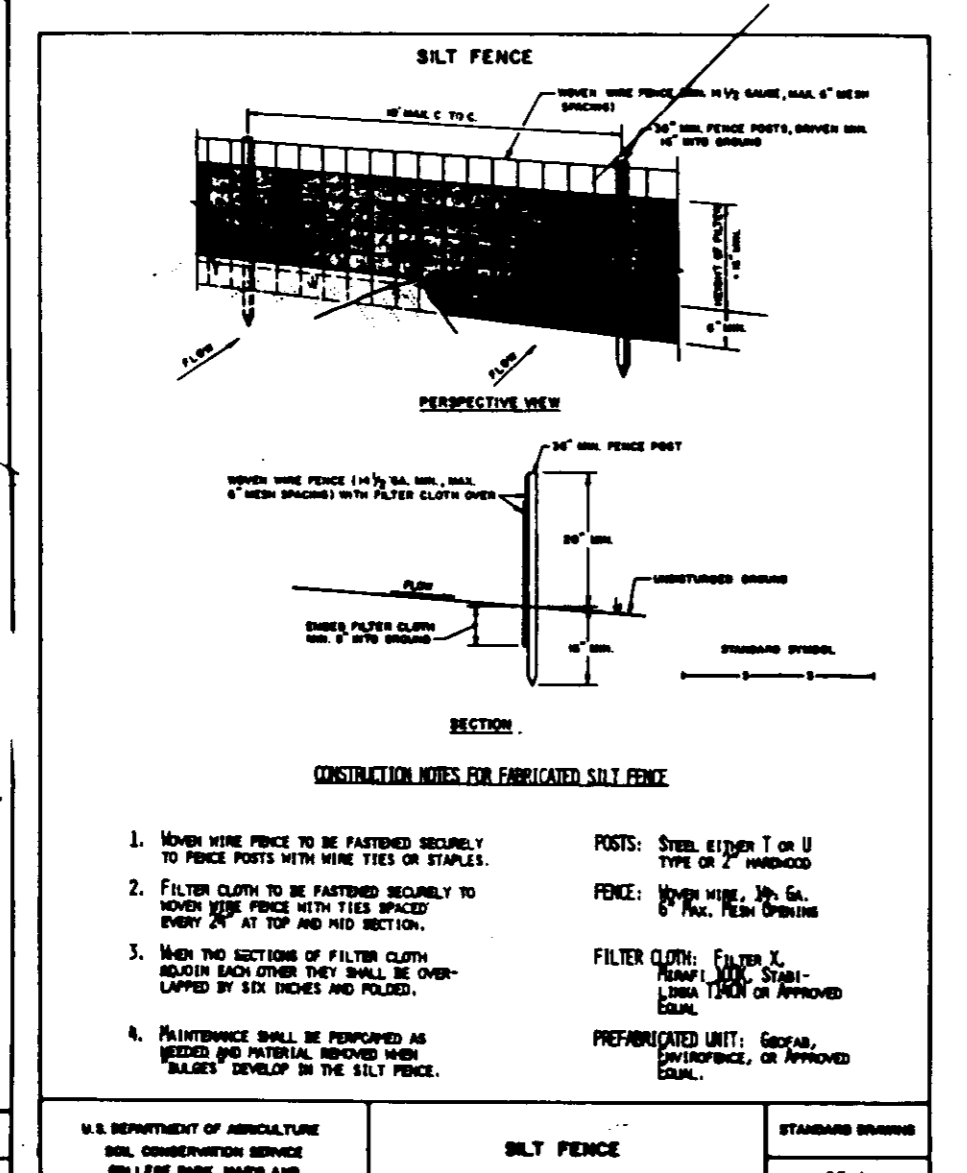
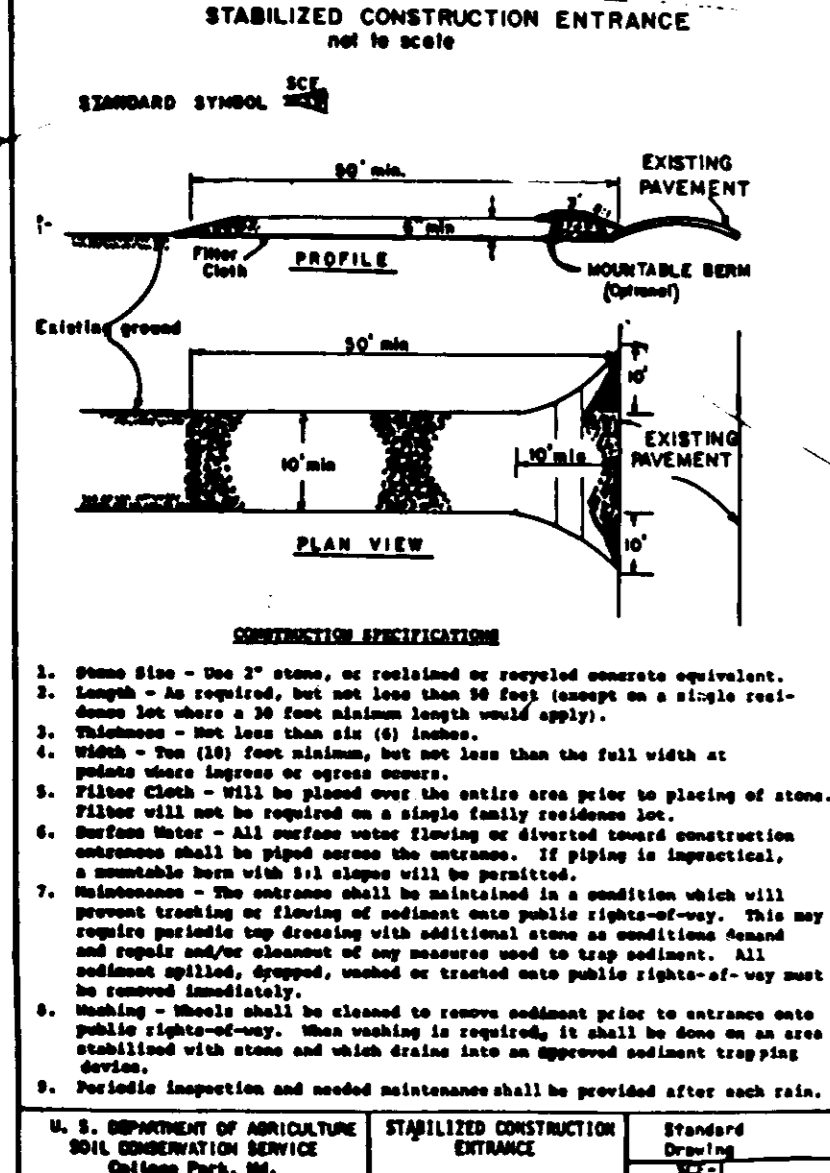
- HOWARD SOIL CONSERVATION DISTRICT**  
**STANDARD SEDIMENT CONTROL NOTES**
- A minimum of 48 hours notice must be given to the Howard County Department of Inspection, Licenses and Permits, Sediment Control Division prior to the start of any construction. (800-3453)
  - All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current "STANDARD EROSION AND SEDIMENTATION CONTROL SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", and revisions thereto.
  - Following initial soil disturbance or re-disturbance, 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 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 Vol. 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 HOWARD STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL for permanent seeding (Sec. 511 and Sec. 541), temporary seeding (Sec. 58) and mulching (Sec. 52). Temporary stabilization with such alone can only be done if recommended seeding dates 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 operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
  - Site Analysis:  
Total Area of Site: 0.719 Acres  
Area Disturbed: 0.719 Acres  
Area to be seeded or paved: 0.719 Acres  
Area to be vegetatively stabilized: 0.000 Acres  
Total Cut: 0.000 Cu. Yds.  
Total Fill: 0.000 Cu. Yds.  
Offsite waste/borrow area location: ON-SITE
  - 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 controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection agencies may not be authorized until this initial approval by the inspection agency is made.
  - Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is stricter.

- HOWARD SOIL CONSERVATION DISTRICT**  
**PERMANENT SEEDING NOTES**
- Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-term vegetative cover is needed.
- Seed Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.
- Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:  
1) **Preferential** - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs per acre 10-10-10 fertilizer (10 lbs/1000 sq. ft.) before seeding. Harvest or disk (less than three inches of soil). At time of seeding, apply 400 lbs per acre 33-0-0 urea-formosa fertilizer (9 lbs/1000 sq. ft.).  
2) **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. Harvest or disk (less than 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 (14 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 (.05 lbs/1000 sq. ft.) of seeding lime. During the period of October 16 thru February 29, present site by: Option (1) - 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring; Option (2) - Use seed. Option (3) - Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.
- Mulching:** Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 210 gal per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 340 gal per acre (8 gal/1000 sq. ft.) for anchoring.
- Maintenance:** Inspect all seeding areas and make needed repairs, replacements and reseeding.
- TEMPORARY SEEDING NOTES**
- Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.
- Seed Preparation:** Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.
- Soil Amendments:** Apply 600 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 October 15, seed with 7-1/2 lbs per acre of annual ryegrass (3.2 lbs/1000 sq. ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of winter longnose (1.7 lbs/1000 sq. ft.). For the period November 16 thru February 29, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.
- Mulching:** Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of untreated weed free straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 210 gal per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 340 gal per acre (8 gal/1000 sq. ft.) for anchoring.
- Refer to the 1983 HOWARD STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL for additional notes and methods not covered.



**RESIDENTIAL DRIVEWAY ENTRANCE**  
**CURB AND BUTTER AND SIDEWALK**

- NOTES**
- Site Analysis:  
a. Total area of lots: 0.719 Ac. ± or 31,315 SF ±  
b. Present zoning: NT (NewTown) SFMD (FDP Phase 216)  
c. Proposed use of structures: Residential single family detached dwellings  
d. Total number of units allowed: 4  
e. Total number of units provided: 4  
f. Number of parking spaces required: 2.0/p.u. or 2 x 4 p.u. = 8  
g. Number of parking spaces provided:  
1. Regular - 8 (2 car garages/unit)  
2. Handicapped: N/A
  - Building coverage of site: 5108 SF ± or 0.117 Ac. ± (16.3%)  
Minimum building setbacks (typical): (30% Max. or 20% SF allowed by FDP Phase 216)  
a. Front: 30 feet  
b. Rear: 7.5 feet  
c. Side: 7.5 feet (corner lot: 20 feet)
  - All work shown on these plans shall be done in accordance with Howard County Standards, Specifications and Details for Construction, Volume IV
  - The Contractor shall notify the Department of Public Works, Construction Inspection Division at (410) 313-1880 at least five (5) days prior to the start of any work.
  - The Contractor shall notify "Miss Utility" at 1-800-257-7777 at least forty-eight (48) hours prior to any excavation work.
  - Any damage to existing public right-of-ways, existing paving, existing curb and gutter, existing utilities, etc. shall be corrected at the Contractor's expense.
  - The existing utilities shown hereon are located from construction drawings of record and Water and Sewer Contract No. 24-9955-D. The approximate location of existing utilities are shown for Contractor's information and convenience. The Contractor shall locate existing utilities to his own satisfaction and well in advance of any construction activities. Additionally, the Contractor shall take all necessary precautions to protect all existing utilities and maintain uninterrupted service.
  - Topography shown is taken from a field-run survey dated 7/95
  - LDE, Inc. Two foot contour intervals are shown.
  - Horizontal and vertical datums shown are related to the Maryland State Plane Coordinate System as projected from Howard County Control Station No. 361A and No. 97DR
  - Stormwater management for this site is provided by F-25-25



- CONSTRUCTION SEQUENCE**
- OBTAIN GRADING PERMIT..... 1 DAY
  - CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES.... 2 DAYS
  - INSTALL SILT FENCE AT LIMIT OF DISTURBANCE SHOWN HEREON. INSTALL TREE PROTECTION FENCE ALONG NEAR LIMIT OF DISTURBANCE..... 5 DAYS
  - CLEAR AND GRUB SITE TO UPGRADE..... 5 DAYS
  - BEGIN EXCAVATION FOR HOUSE FOUNDATIONS AND BEGIN HOUSE CONSTRUCTION..... 40 DAYS
  - THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON AFTER EACH RAINFALL AND ON A DAILY BASIS..... DAILY
  - REMOVE SEDIMENT FROM ROADWAYS AND DRESS STABILIZED CONSTRUCTION ENTRANCE AS REQUIRED..... MAINTENANCE
  - FINISH GRADE SITE AND STABILIZE WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH. INSTALL INDIVIDUAL DRIVEWAY AND HOUSE WALK..... 10 DAYS
  - REMOVE SILT FENCE AND STABILIZE DISTURBED AREA WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH..... 5 DAYS
- TOTAL TIME: 68 DAYS

**NOTE:** HERITAGE HOMES GROUP INC. WILL BE DEVELOPING SINGLE FAMILY HOMES ON LOTS 196-200. HERITAGE HOMES GROUP INC. WILL BE RESPONSIBLE FOR ALL GRADING ON THESE LOTS.

ADDRESS CHART	
LOT NO.	STREET ADDRESS
196	6301 APRIL BROOK WAY
197	6305 APRIL BROOK WAY
198	6309 APRIL BROOK WAY
200	6317 APRIL BROOK WAY

**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 requirements of the Howard Soil Conservation District."

**BRUCE D. BURTON** 10/14/95  
Signature of Engineer Date

**DEVELOPER'S CERTIFICATE**

"I/We certify that all development and for 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 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 or their authorized agents, as are deemed necessary."

**John E. ...** 8/22/95  
Signature of Developer Date

Reviewed for Howard County Soil Conservation District and meets technical requirements.

**Patricia ...** 10/23/95  
Director, Public Works Date

Chief, Bureau of Engineering Date

APPROVED: Howard County Health Department for Public Water and Public Sewerage Systems.

**John ...** 10/24/95  
Howard Soil Conservation District Date

APPROVED: Department of Public Works for Public Water, Public Sewerage, Storm Drainage Systems and Roads.

**Richard ...** 11/3/95  
Chief, Division of Land Development and Research Date

**Joseph ...** 11/3/95  
Planning Director Date

APPROVED: Department of Planning and Zoning.

**Richard ...** 11/3/95  
Chief, Division of Land Development and Research Date

**Joseph ...** 11/3/95  
Planning Director Date

REVISIONS		
No.	DATE	DESCRIPTION
1	10/1/95	Lot 196 House Type Revised To The "Ridgecrest" (Revised)
2	03/18/97	Lot 198 House Type Revised To The "Ridgecrest" (Revised)

**LDE, INC.**  
9250 Rumsey Road Suite 100 Columbia, MD 21045  
(410) 715-1070 • (301) 596-3424 • (410) 715-9540 (fax)

Drawn: KBW  
Designed: KBW  
Checked: BOB  
Date: July, 1995

**SITE PLAN FOR BUILDING PERMIT**  
Scale: 1" = 30'  
Drawing of: 1  
LDE Job #: 35-052  
File #:

**VILLAGE OF LONGREACH**  
LOTS 196 - 198 and 200  
SECTION 4 AREA 2  
KENNALL RIDGE NEIGHBORHOOD  
6th Election District  
Howard County, Maryland  
Previous Submittals: FOS-25, FDP Phase 216  
OWNER / DEVELOPER  
**HERITAGE HOMES GROUP, INC.**  
8950 Route 108 Suite 210 Gorman Plaza  
Columbia, MD 21045 (410) 997-4433