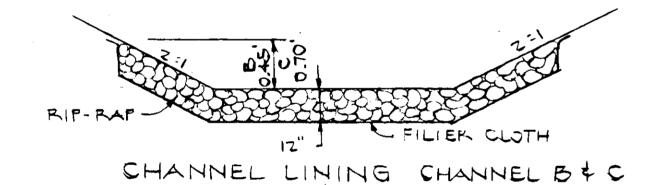


				CHANNEL DESIGN									
CHANNEL	**	0	A	P	٢	r 3/3	3	51/2	n	K	>	Q	೦೦೯೮.
A	10	0.37	3.97	11.65	0.34	0.4-870	0.033	0.1817	0.030	49.5	4.4	17.5	16.8
5	10'	0.45	4.9	12.01	0.408	0.550	0.052	0.zz 8 0	0.035	42.5	5.3	26.0	24.7
Ų	ZO'	0.70	14.58	23.1	0.648	0.743	0.0077	0.0211	0.030	49.5	3.3	4-9.4	41.5



CHANNEL SECTIONS

17	5475 TEN OAKEROAD
LOT NO.	STREET ADDRESS
	ADDRESS CHART

FISHER, COLLINS & CARTER, INC.

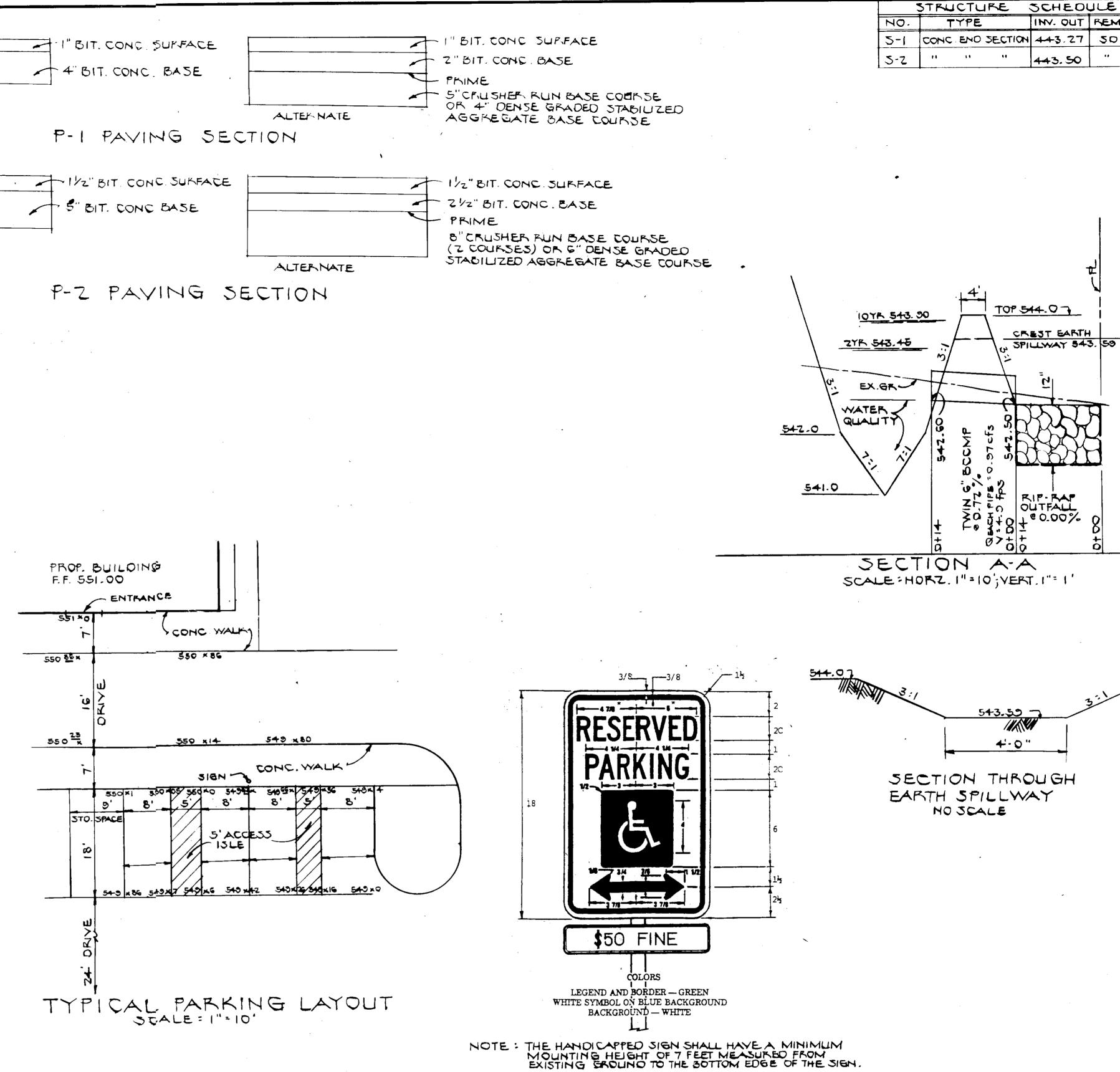
CIVIL ENGINEERS & LAND SURVEYORS

8388 COURT AVENUE

ELLICOTT CITY, MARYLAND 21043

(301)461-2855





HANDICAPPED SIGN DETAIL
NOT TO SCALE

WATER CODE

ENGINEER'S CERTIFICATE I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SED-IMENT 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 REQUIRE-

RD SOIL CONSERVATION DISTRICT.

"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 NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SED IMENT 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."

DEVELOPER'S CERTIFICATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND NENT CONTROL BY THE HOWARD SOIL CONSERVATION

EVIEWED FOR HOWARD SOIL CONSERVATION

APPROVED: DEPT. OF PLANNING AND ZONING 35.90 CHIEF, DIVISION OF COMMUNITY PLANNING DATE \$ LAND DEVELOPMENT (DM APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PRIVATE WATER AND SEWERAGE SYSTEMS

HEALTH OFFICER LW

APPROVED: DEPARTMENT OF PUBLIC WORKS.
FOR PRIVATE WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS. 1.25.90 PROPERTY/SUBDIVISION

EAGLE POINT LANDING

CLARKSVILLE KINGDOM HALL PLAT NO./L.F. BLOCK NO. ZONE TAX/ZONE ELEC. DIST. CENSUS TR.

SITE DEVELOPMENT PLAN CLARKSVILLE KINGDOM HALL LOT 17

INV. OUT REMARKS

443.50

TOP 544.07

4'-0"

HO JCALE

CREST EARTH

505.51

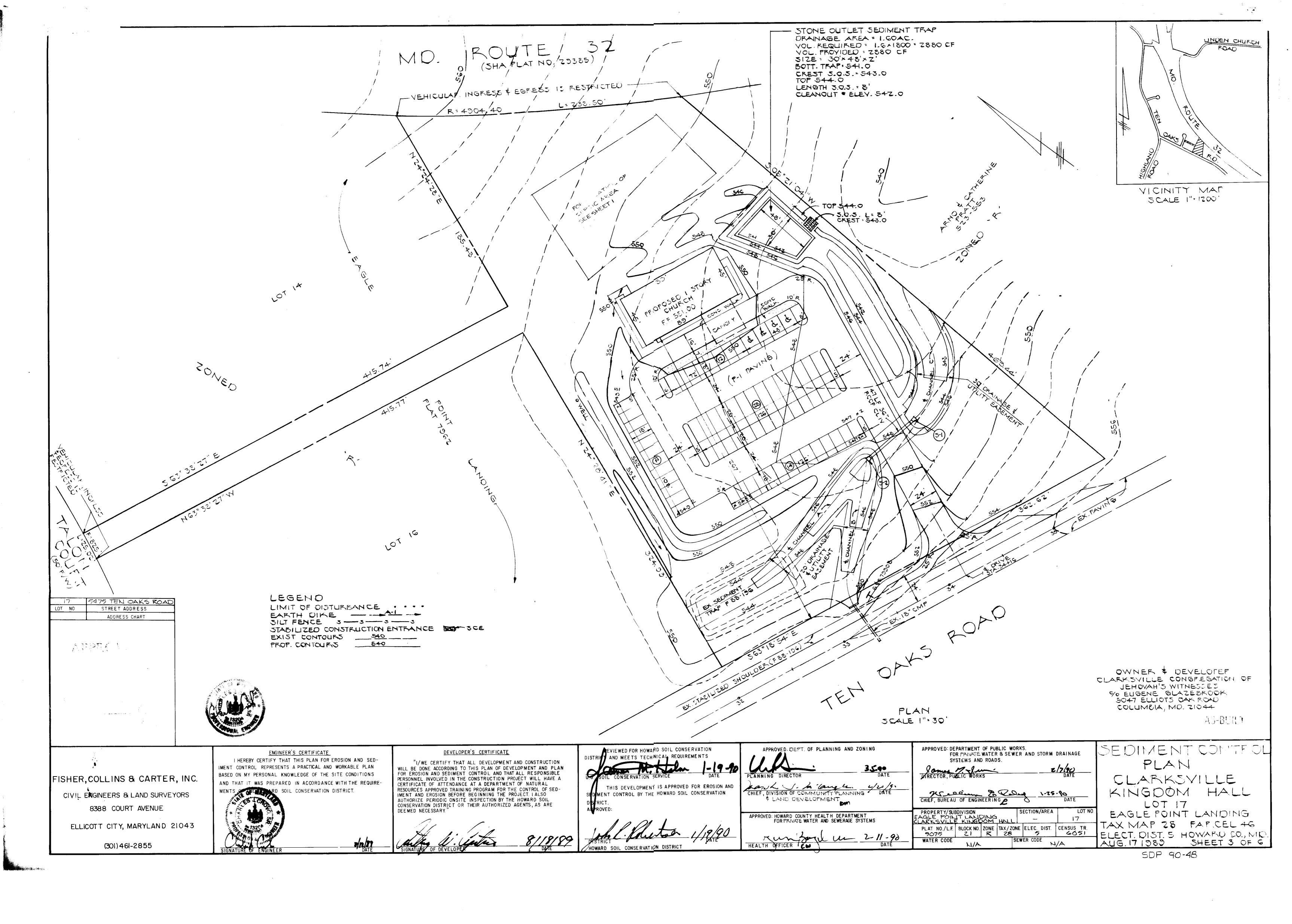
545

544

<u>54-1</u>

EAGLE POINT LANDING TAX MAP 28 PARCEL 46 ELECT. DIST. 5 HOWARD CO., MD. AUG.17 1989 SHEET 7 OF 6

5DP 90-48



SEQUENCE OF CONSTRUCTION:

- I. OBTAIN GRADING PERMIT 2. NOTIFY HOWARD CO. OFFICE OF INSPECTION AND PERMITS
- (992-2437) 24 HOURS PRIOR TO STARTING WORK. 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- 4. INSTALL 36 INCH R.C.C.P. AND CHANNELS A,B AND C. STABILIZE IMMEDIATELY. 5. INSTALL REMAINING SEDIMENT AND EROSION CONTROL
- MEASURES.
- G. ROUGH GRADE SITE. 7. BEGIN BUILDING CONSTRUCTION.
- 8. INSTALL SEPTIC SYSTEM. 3. FINE GRADE SITE.
- 10. PLACE SUB-BASE MATERIAL ON AREAS TO BE PAVED. 11. STABILIZE REMAINDER OF SITE PER PERMANENT SEEDING
- PROCEDURES. 17. PAVE PARKING LOT.
- 13. REMOVE SEDIMENT AND EROSION CONTROL MEASURES AND STABILIZE THOSE AREAS.

SEDIMENT CONTROL NOTES

. 1) 4 minimum of 24 hours notice must be given to the Howard Councy Office of Inspection and Permits prior to the start of any construction. (992-2437)

- 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 MARYLANI STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND
- 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 shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chaper 12, of the HOWARD COUNTY DESIGN MARUAL, Storm
- 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) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52.) Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and estab-
- 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
- County Sediment

 Alysis:

 Jeal Area of Site

 Area Discurbed

 Area to be roofed or paved

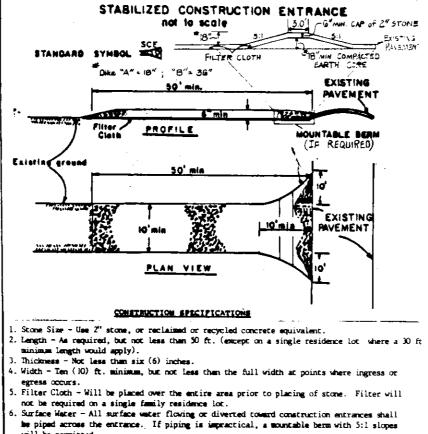
 Area to be vegetatively scabilized

 Total Cut

 Total Cut

 Acres

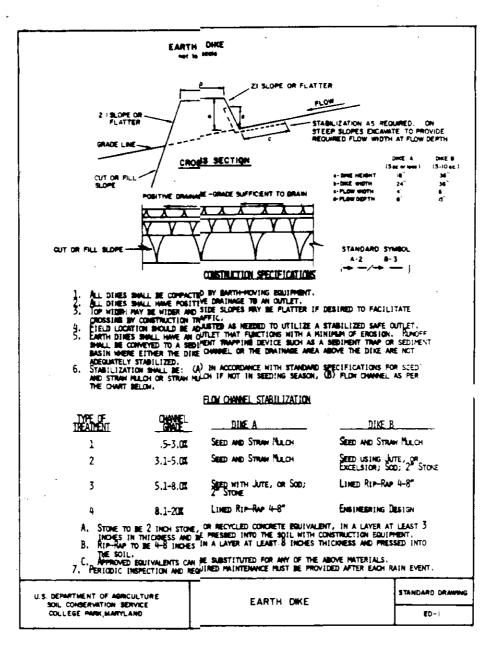
 Ac
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance
- 9) Additional sediment controls must be provided, if
- 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but be proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial increval by the inspection as now it was

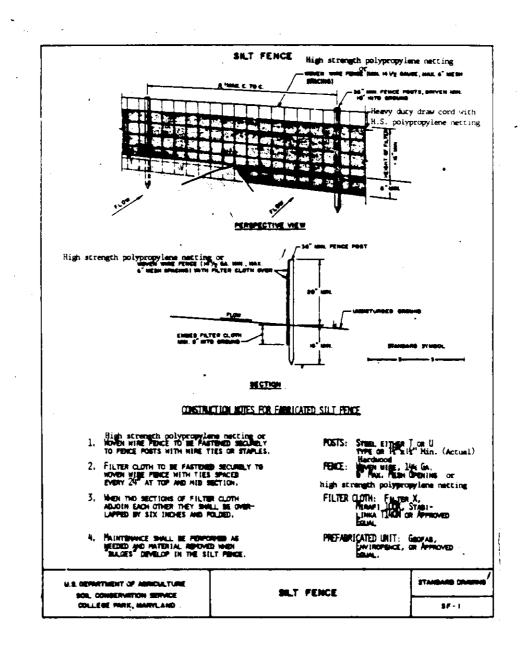


will be permitted. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions desend and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately. Washing - Wheels shall be cleamed to remove sediment prior to entrance onto public rights-ofway. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.

Periodic inspection and needed maintenance shall be provided after each rain.

U. S. DEPARTMENT OF AGRICULTURE STABILIZED CONSTRUCTION Standard SOIL CONSERVATION SERVICE





PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

- Soil Amendments: In lieu of soil test recommendations, use one of the following schedules: 1) Preferred -- Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform 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. Harrow 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 Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 1bs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect 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 sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 1 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulc apchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring Maintenance -- Inspect all seeded areas and make needed repairs, replacements and

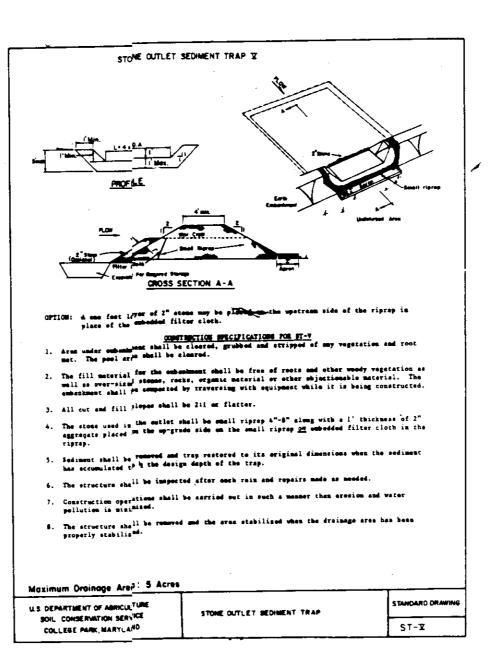
TEMPORARY SEEDING NOTES

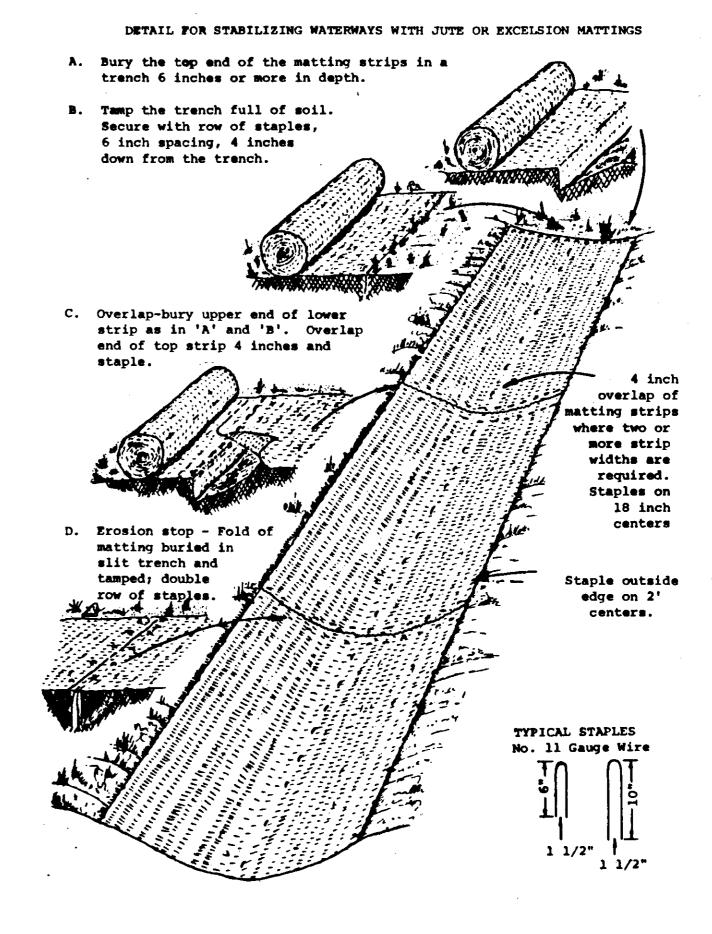
Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative

<u>Seedbed Preparation</u>: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: Apply 60 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 bushel 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 weeping lovegrass (.07 lbs/1000 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% to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring. Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.





5475 TENOAKS ROAD STREET ADDRESS ADDRESS CHART



ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SED-IMENT 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 REQUIRE-MENTS OF THE SOUR SOIL CONSERVATION DISTRICT.



DEVELOPER'S CERTIFICATE

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NOWARD SOIL CONSERVATION DISTRICT

APPROVED: QEPT. OF PLANNING AND ZONING

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PRIVATE WATER AND SEWERAGE SYSTEMS

APPROVED: DEPARTMENT OF PUBLIC WORKS. FOR PRIVATE WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS. 1-25-90 PROPERTY/SUBDIVISION AGLE POINT LANDING 17 LARKSVILLE KINGDOM HAL PLAT NO./L.F. BLOCK NO. ZONE TAX/ZONE ELEC. DIST. CENSUS TR. 9075 21 | R | 28 | 5 6051

WATER CODE

SEDIMENT CONTROL PLAN CLARKSVILLE KINGDOM HALL LOT 17

AJ-BUILT

EAGLE POINT LANDING TAX MAP 28 ELECT. DIST. 5 HOWARD CO., MO. SHEET 4 OF G AUG-17 1989

SDP 90-48

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRUT AND MEETS TECHNICAL REQUIREMENTS

THIS DEVELOPMENT IS APPROVED FOR EROSION AND MENT CONTROL BY THE HOWARD SOIL CONSERVATION PPROVED

\$ LAND DEVELOPMENT

(301) 461-2855

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERS & LAND SURVEYORS

8388 COURT AVENUE

ELLICOTT CITY, MARYLAND 21043

CHIEF, DIVISION OF COMMUNITY PLANNING DATE

