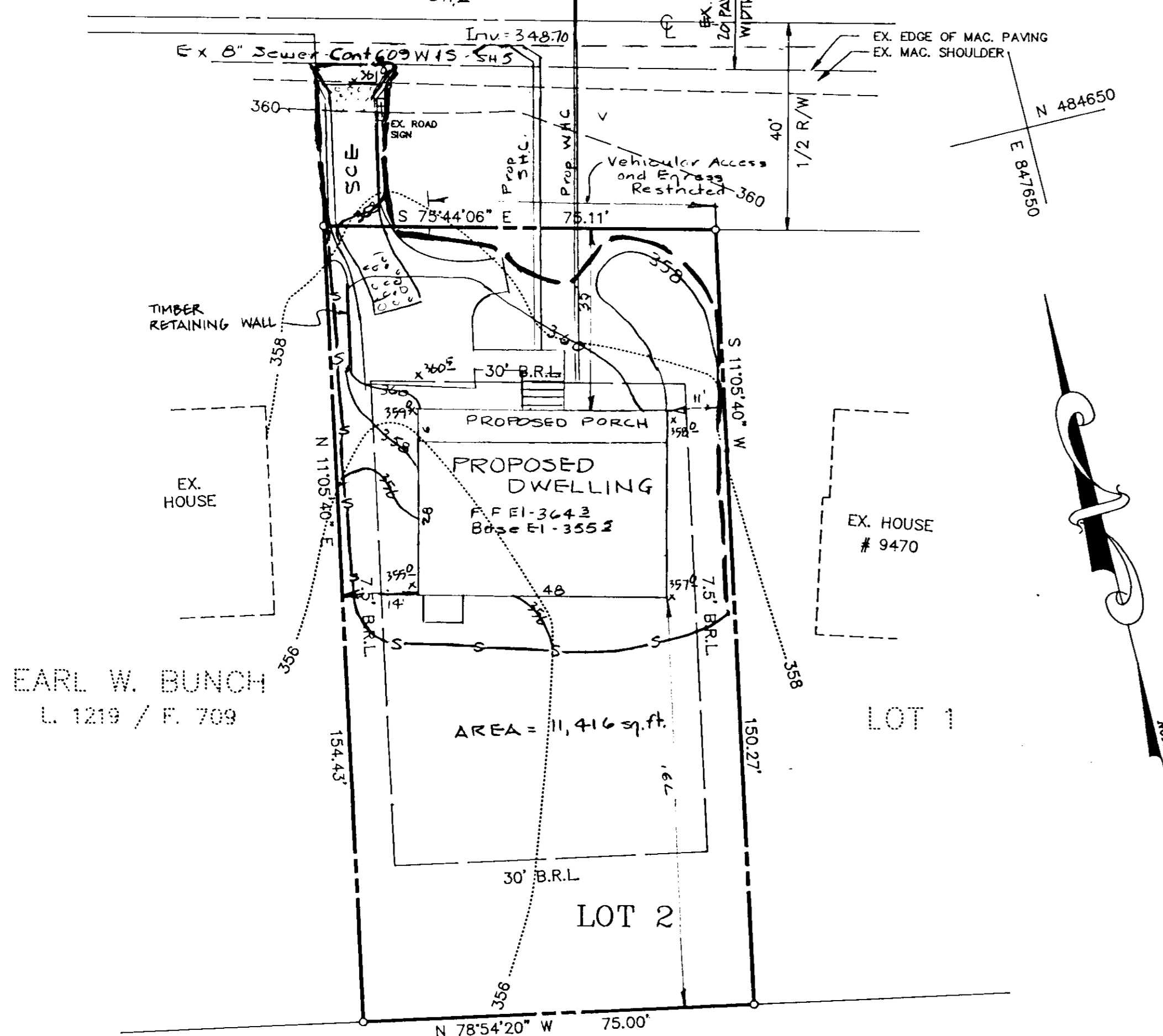


**GUILFORD ROAD (MD. RTE. 732)**

Ex 8' Water Cont 178-W-5h.2



EARL W. BUNCH  
L. 1219 / F. 709

GLEN OAKS  
SECTION ONE / AREA TWO  
PLAT C.M.P. NO. 5277

**GENERAL NOTES**

- SUBJECT PROPERTY IS LOCATED ON TAX MAP 42, PARCEL 275
- PLAT REFERENCE: F 90-87 HANEKAMP PROPERTY LOTS 1 & 2 PLAT #312
- PRESENT ZONING: R-SA-8
- MINIMUM SETBACKS:  
FRONT: 30'  
SIDE: 7.5'  
REAR: 30'
- TYPICAL HOUSE DIMENSIONS, SCHEMATIC PROFILE, DETAILS, SEDIMENT CONTROL NOTES AND SPECIFICATION CAN BE FOUND ON THIS SHEET
- SITE ANALYSIS:  
TOTAL NUMBER OF LOTS: 1  
TOTAL AREA OF LOTS: 0.2623 AC. OR 11,416 SQ. FT.  
7. SQUARE FOOTAGE OF HOUSE = 1632 SQ. FT.  
8. PROPOSED HOUSE IS 14.5% OF THE LOT.  
9. THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-2630  
\* FOR GENERAL NOTES NO. 10 THRU NO. 13 SEE BELOW

**CONSTRUCTION SEQUENCE**

- OBTAIN GRADING PERMIT. INSPECT EXISTING SEDIMENT CONTROL DEVICES AND MAKE ANY NECESSARY REPAIRS OR MAINTENANCE TO THE DEVICES PRIOR TO BEGINNING ANY WORK SHOWN HEREON.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- CLEAR & GRUB HOUSE SITES TO SUBGRADE.
- EXCAVATE FOR FOUNDATIONS AND BEGIN HOUSE CONSTRUCTION. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT & EROSION CONTROL DEVICES AFTER EACH RAINFALL AND ON A DAILY BASIS.
- REMOVE SEDIMENT FROM ROADWAY AND DRESS STABILIZED CONSTRUCTION ENTRANCE.
- FINE GRADE LOTS AND STABILIZE. INSTALL DRIVEWAY AND SIDEWALKS.
- REMOVE STRAW BALE DIKES AND SILT FENCE AND STABILIZE.
- STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.

**\* CONT. GENERAL NOTES**

- THIS LOT IS SUBJECT TO WP 89-168 REQUESTING A WAIVER FROM SECTION 16.115.C.4 TO ALLOW A NEW DRIVEWAY ON LOT 2. THE WAIVER WAS APPROVED SEPT. 8, 1989
- ELEVATIONS SHOWN WERE ESTABLISHED BY A TRANSIT STADIA SURVEY FROM HOWARD COUNTY TRAVERSE STATION 2242002
- STORM WATER MANAGEMENT HAS NOT BEEN PROVIDED ON THIS SITE BECAUSE THE ON AND OFF SITE TOPOGRAPHY, AND THE TOTAL IMPERVIOUS AREA AFTER DEVELOPMENT IS 15,991 SQ. FT. (144,800 SQ. FT. (2,600 SQ. FT.))
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARDS SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, 1989 AMENDMENTS.

**TEMPORARY SEEDING NOTES**

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.

SOIL AMENDMENTS - APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/PER 1000 SQ. FT.).

SEEDING - FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/PER 1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (3.07 LBS/PER 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 SOO.

MULCHING - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/PER 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/PER 1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/PER 1000 SQ. FT.) FOR ANCHORING.

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

**ADDITIONAL SEDIMENT CONTROL NOTES (NOT COVERED ELSEWHERE)**

- All vegetative and structural practices are to be installed according to the approved plan and in conformance with the P.D.S. MD. 27400 ARS AND DECS FOR SOIL EROSION AND SEDIMENT CONTROL, and all disturbed areas are to be stabilized in accordance with those standards.
- Following initial soil disturbance and disturbance permanent or temporary stabilization shall be completed within 14 days (see seeding notes).
- All sediment control structures are to remain in place and 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: 11,416 Acres  
Area Disturbed: 2,026 Acres  
Area to be planted or paved: 2,026 Acres  
Total Cut: 11/2 Cu.Yds.  
Total Fill: N/A Cu.Yds.  
Artificial waste/borrow area location: N/A
- Any sediment control practice disturbed by grading activity for placement of utilities must be repaired on the day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.

**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, 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/PER 1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/PER 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 UREA-FORM FERTILIZER (9 LBS/PER 1000 SQ. FT.).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/PER 1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/PER 1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

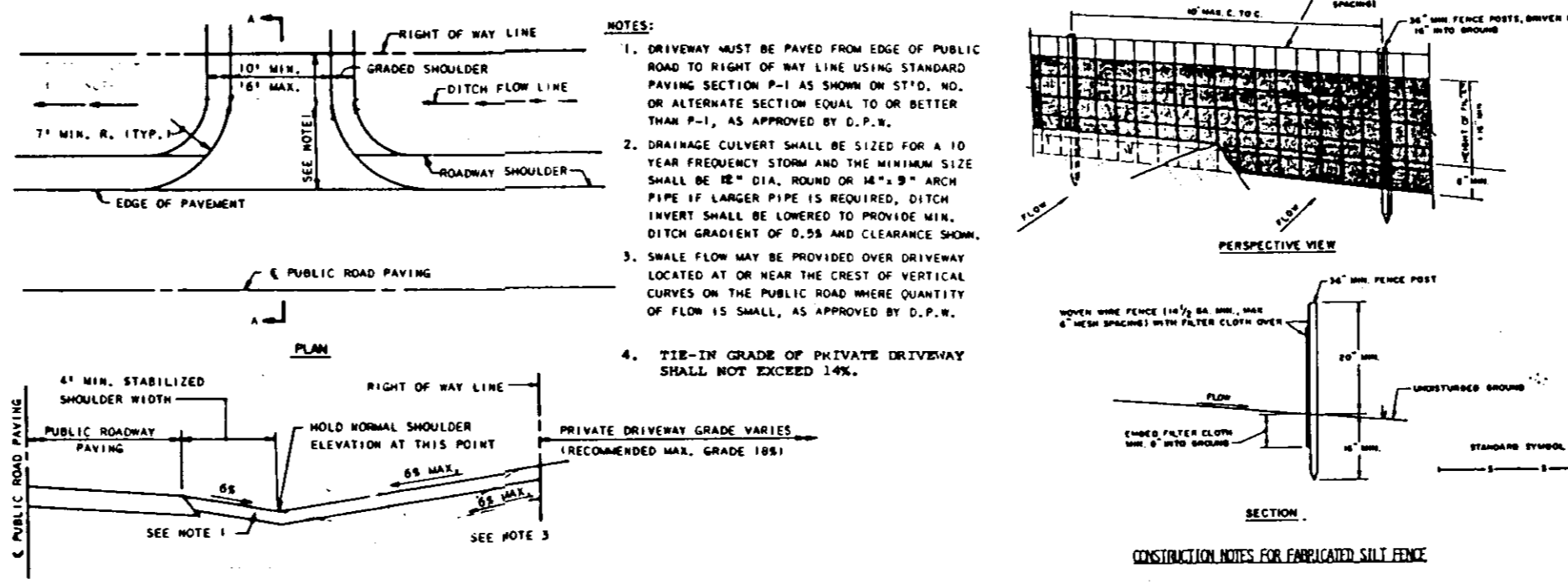
SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/PER 1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.05 LBS/PER 1000 SQ. FT.) OF WEEPING 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 SOO. OPTION (3) SEED WITH 60 LBS PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE WELL ANCHORED STRAW.

MULCHING - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/PER 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/PER 1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/PER 1000 SQ. FT.) FOR ANCHORING.

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

**EROSION CONTROL UTILITY CONSTRUCTION NOTES**

- EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE UPSTREAM SIDE OF TRENCH.
- IMMEDIATELY FOLLOWING PIPE INSTALLATION, THE TRENCH SHALL BE BACKFILLED, COMPACTED, AND IMMEDIATELY STABILIZED (MULCHED, SEEDED, AND/OR SOGGED, MECHANICAL STABILIZATION) AT THE END OF EACH WORKING DAY.
- TEMPORARY STRAW BALE DIKES SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREA INTENDED TO REMAIN DISTURBED LONGER THAN ONE WORKING DAY. (SBD-1)
- THE CONTRACTOR SHALL DISTURB AND OPEN TRENCH THE MINIMUM PRACTICAL AREA REQUIRED TO ACCOMPLISH THE WORK DESIGNATED FOR EACH DAY.
- ALL SEDIMENT AND EROSION CONTROL PRACTICES AND VEGETATIVE STABILIZATION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS.
- WHEN Dewatering TRENCHES, WATER SHALL BE DISCHARGED INTO APPROVED SEDIMENT TRAPPING DEVICE.
- THE MEASURES REQUIRED ON THE APPROVED SITE SEDIMENT CONTROL PLAN SHALL APPLY AS IF SHOWN ON THIS PLAN AND SHALL BE COMPLETE, AND IN SERVICE PRIOR TO CONSTRUCTION OF THE UTILITIES SHOWN ON THIS PLAN.



**LEGEND**

- EXISTING CONTOURS 358 ..... OR ..... 360
- PROPOSED CONTOURS 368
- DIRECTION OF DRAINAGE →
- SILT FENCE S
- LIMIT OF DISTURBANCE ———
- STABILIZED CONSTRUCTION ENTRANCE SCE

ADDRESS CHART	
LOT NO.	STREET ADDRESS
2	9464 GUILFORD ROAD

**OWNER / DEVELOPER**

ALVIN C. LEWIS  
9470 GUILFORD RD.  
COLUMBIA, MD, 21046  
301-725-0984

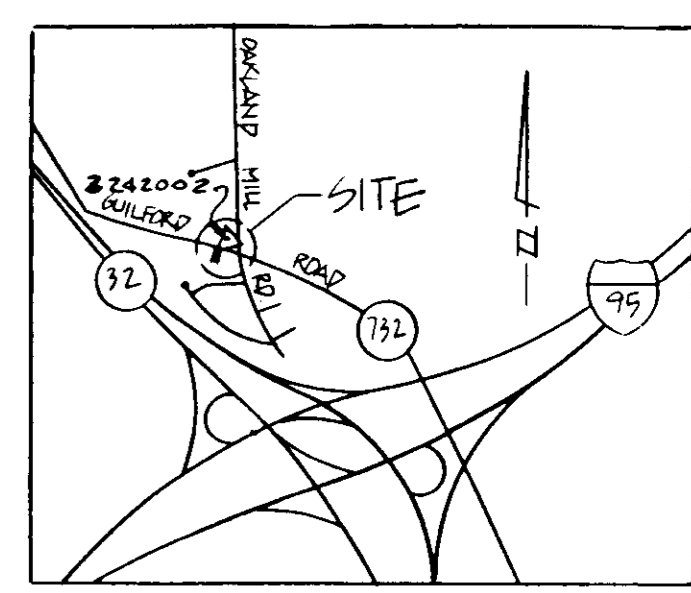
**SITE DEVELOPMENT PLAN  
LOT 2  
HANEKAMP PROPERTY  
GUILFORD**

TAX MAP : 42 PARCEL : 275  
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND.

**PREPARED BY:**

THE J.E. CLARK COMPANY  
LAND SURVEYING AND ENGINEERING  
P.O. BOX 147 LAUREL, MARYLAND 20725  
(301) 725-3442

SCALE :	1" = 20'	PROJECT :	SHEET
DATE :	JUNE 1990	JOB :	1
DRAWN BY :	C.A.D.	DESIGNED :	OF 1
CHECKED BY :	J.E.C.	ENGINEER :	



VICINITY MAP  
SCALE : 1" = 2000'

**DEVELOPER'S CERTIFICATE**

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Alvin C. Lewis 6-29-90  
DEVELOPER DATE

**ENGINEER'S CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN FOR THE PROTECTION OF PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT I WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Robert J. Clark 10-15-90  
ENGINEER DATE

APPROVED: REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James M. Helm 10/5/90  
SOIL CONSERVATION SERVICE DATE

APPROVED: FOR SOIL EROSION AND SEDIMENT CONTROL

Steve J. Shonk 10/5/90  
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

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

Jesse W. Zerkow 10-22-90  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY, DEPT. OF PLANNING & ZONING

W. J. ... 11-1-90  
DIRECTOR DATE

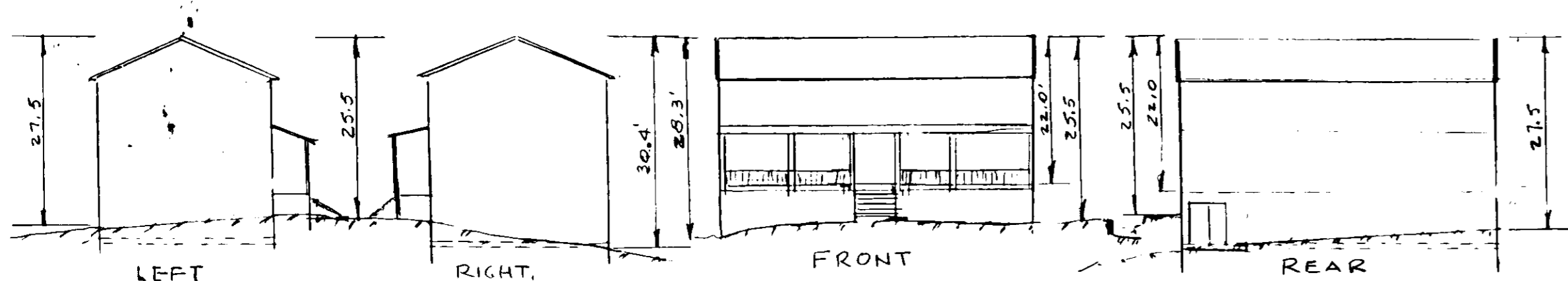
James A. ... 11/1/90  
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

James A. ... 11/8/90  
DIRECTOR DATE

William B. ... 10-17-90  
CHIEF BUREAU OF ENGINEERING DATE

SUBDIVISION NAME	HANEKAMP PROPERTY	SECT./AREA	LOT/PARCEL #
PLAT OR L/F	9312	16	2 / 275
BLOCK	R-SA-8	42 / -	
ZONE			6th
ELEC. DIST.			6062
CENSUS TR.			
WATER CODE	E-14	SEWER CODE	52004-00



NO.	DATE	DESCRIPTION	BY
10-1-90		Added Sediment Control Notes	J.E.C.
REVISION			