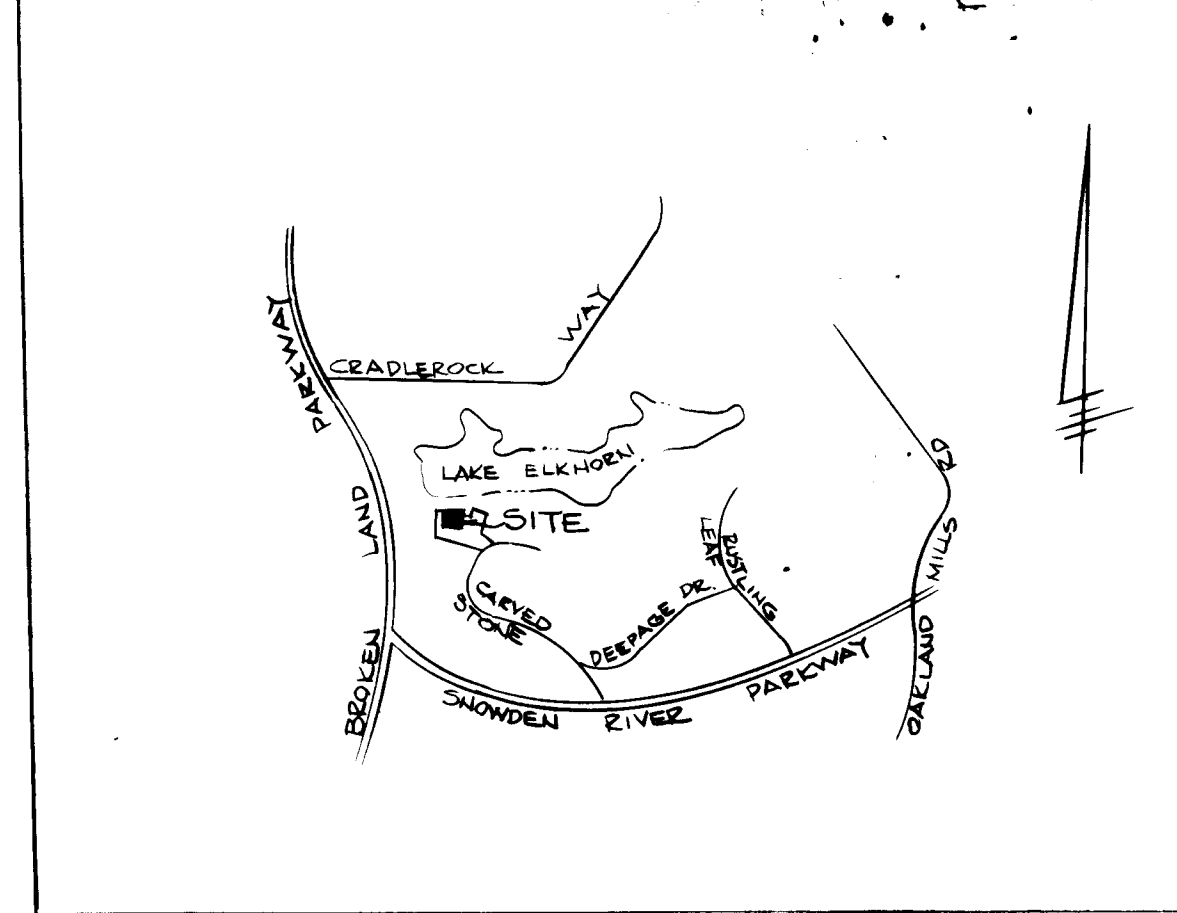
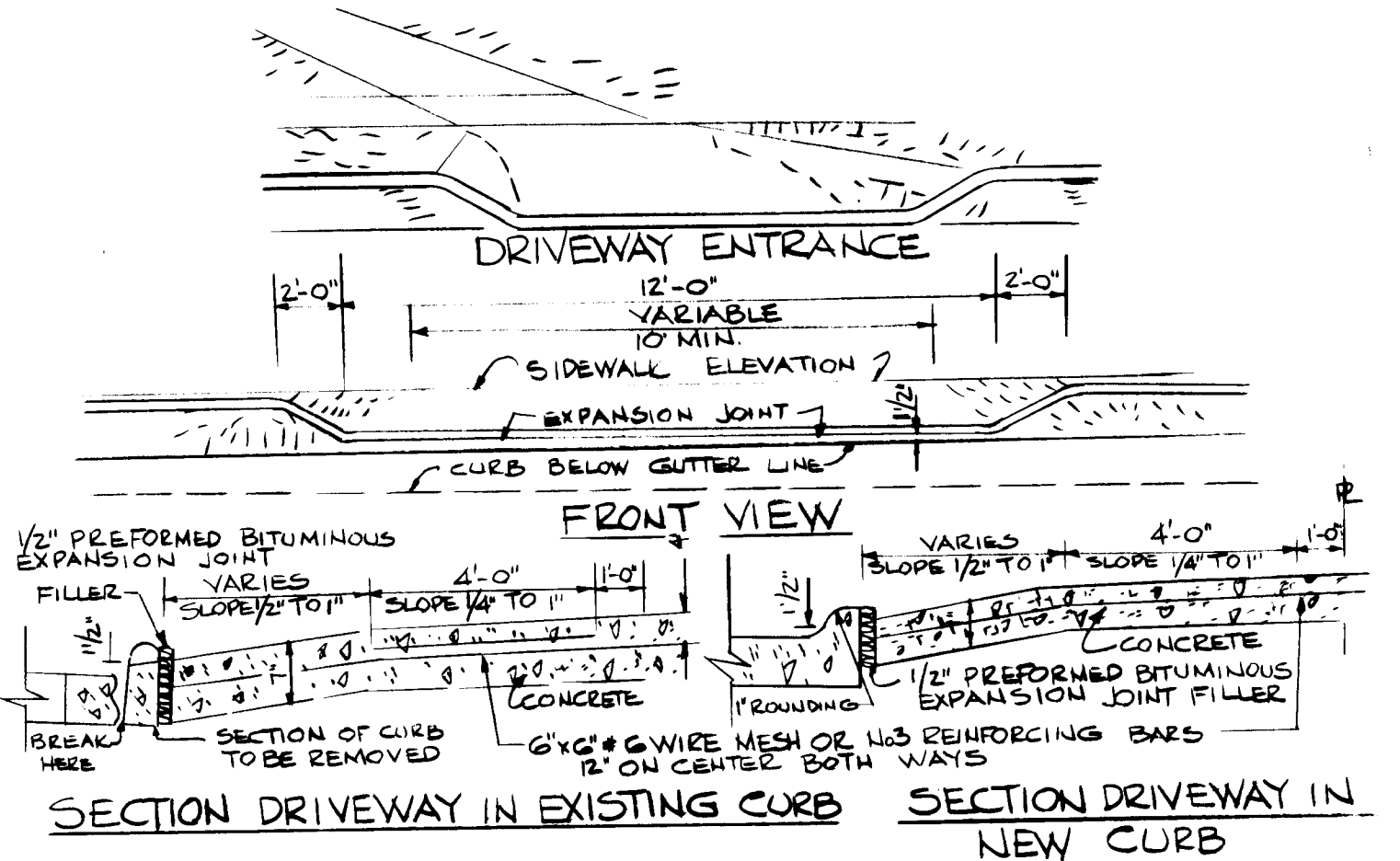


CONSTRUCTION SCHEDULE			
DESCRIPTION OF WORK	FROM DAY No	TO DAY No	TOTAL No. DAYS
OBTAIN GRADING PERMIT	1	1	1
INSTALL SED EROSION CONTROL DEV	1	7	6
CLEARING + ROUGH GRADING	7	12	5
EXCAVATION FOR FOUNDATIONS	12	22	10
FOOTINGS + FOUNDATION WALLS	22	40	18
CONSTRUCT STRUCTURE	40	120	80
FINE GRADING	120	130	10
EFFECTIVE STABILIZATION	130	150	20

NOTE:  
 1. OBTAIN GRADING PERMIT  
 2. ADJUST CONSTRUCTION SCHEDULE DUE TO INCLEMENT WEATHER  
 3. ALL DISTURBED AREAS TO BE STABILIZED WITHIN 180 DAYS  
 4. APPROXIMATE STARTING DATE: APRIL 16, 1984  
 5. STREET TREES ARE REQUIRED IN ACCORDANCE WITH SECTION 16.131 OF THE LAND DEVELOPMENT AND SUBDIVISION REGULATIONS, THE RESPONSIBILITY FOR PLANTING SHALL BE THE DEVELOPERS.



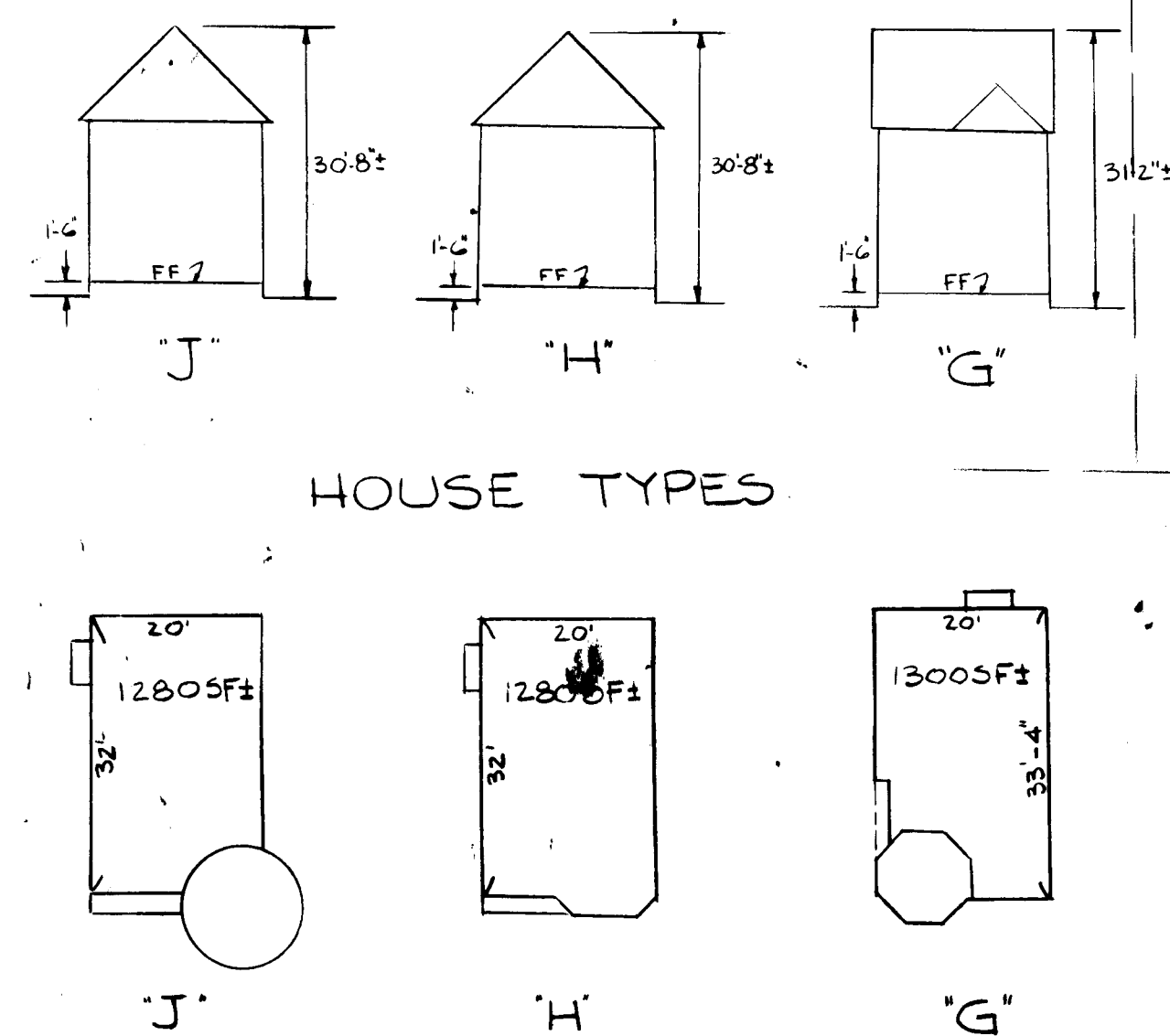
VICINITY MAP  
SCALE: 1" = 2000'



NOTE: ALL CONSTRUCTION SHALL CONFORM TO THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS. USE THIS DRIVEWAY SECTION WITH THE EXISTING CONC. APRON CONFORMING WITH THE HOWARD CO. STD DRAWING R-601

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 3-28-84

LOT NUMBER	ADJACENT LOT	LOT NUMBER	ADJACENT LOT
375	7226 STEAMERBELL ROW	385	7252 RIDING HOOD CIRCLE
376	7230 RIDING HOOD CIRCLE	386	7254 " " "
377	7234 " " "	387	7256 " " "
378	7236 " " "	388	7258 " " "
379	7240 " " "	389	7251 " " "
380	7242 " " "	390	7249 " " "
381	7244 " " "	391	7247 " " "
382	7246 " " "	392	7245 " " "
383	7248 " " "	393	7243 " " "
384	7250 RIDING HOOD CIRCLE	394	7241 RIDING HOOD CIRCLE

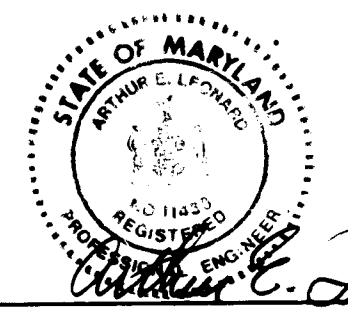


NOTE: J & H UNITS ARE INTERCHANGEABLE.  
 AREAS ON UNITS SHOWN ABOVE EXCLUDES BASEMENTS

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 Acting Planning Director: Amal Bhandal DATE: 5-8-84  
 Chief, Division of Land Development & Zoning Admin.: [Signature] DATE: 5-7-84  
 Approved: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 County Health Officer: [Signature] DATE: 5-1-84  
 Approved: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS, & PUBLIC ROADS, HOWARD COUNTY DEPT. OF PUBLIC WORKS.  
 Director: [Signature] DATE: 4-27-84  
 Chief Bureau of Engineering: [Signature] DATE: 4-26-84

CERTIFICATION BY DEVELOPER  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL & THAT ALL RESPONSIBLE PERSONNEL INVOLVED WITH THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.  
 Signature: Ethan Grossman DATE: 2/28/84

CERTIFICATION BY ENGINEER  
 I CERTIFY THAT THIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: William C. Jordan DATE: 2/27/84



OWNER & DEVELOPER  
 ETHAN GROSSMAN  
 10750 HICKORY RIDGE RD  
 SUITE 109  
 COLUMBIA, MARYLAND 21044  
 TEL 730-2494

SURVEYORS & ENGINEERS  
 HUDKINS ASSOCIATES INC  
 231 JOSEPH SQUARE  
 COLUMBIA, MD. 21044

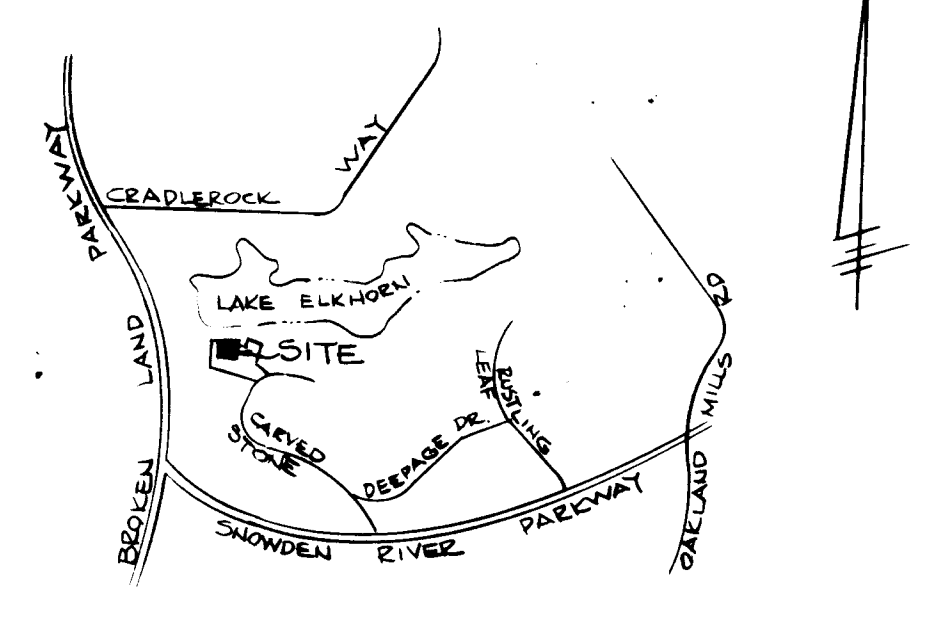
SITE DEVELOPMENT PLAN  
 LOTS A 375 THRU A 394  
 COLUMBIA  
 VILLAGE OF OWEN BROWN SECT. 2 AREA 1  
 6TH ELECT. DIST. HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30'  
 FEB. 17, 1984 SH 1093  
 SDP-84-211C

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
VILLAGE OF OWEN BROWN	2/1	375-394
PLAT # OR LIT.	BLOCK #	ZONE
52-87	3	ATTACHED
WATER CODE	TAX/ZONE MAP ELEC. DIST.	CENSUS TR.
E-12	42	C TH 6041-03
	SEWER CODE	
	5330300	

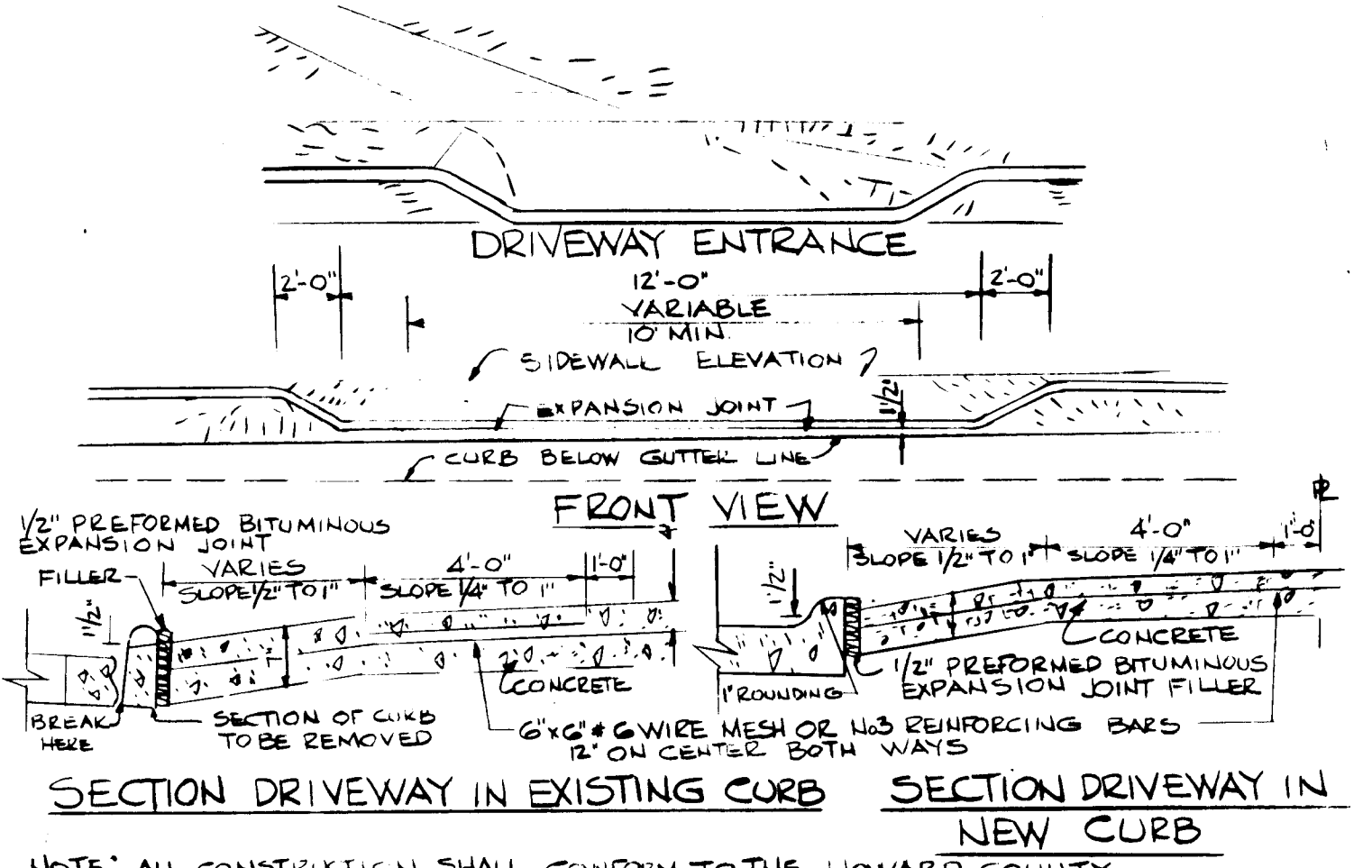
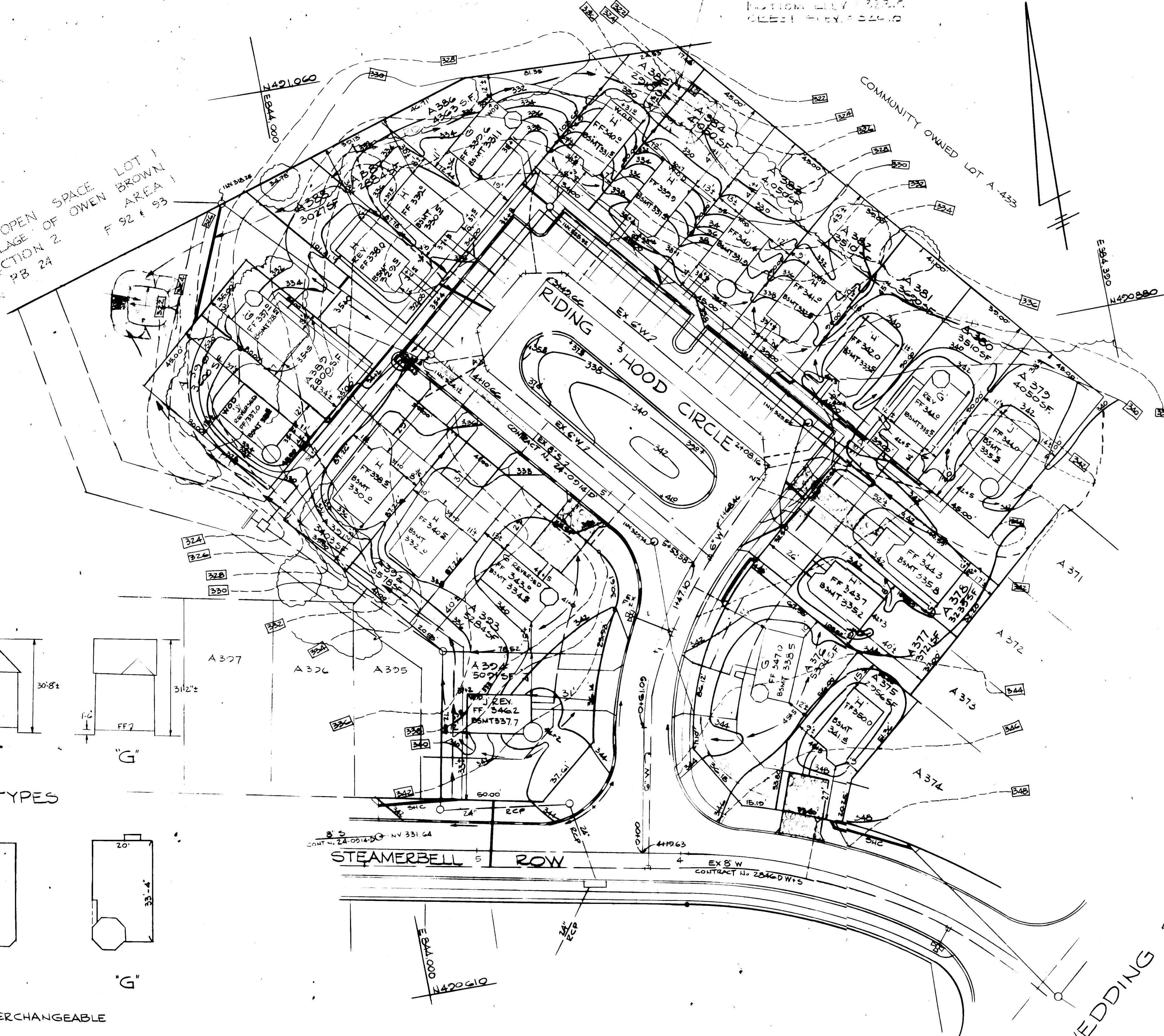


THIS PLAN IS A PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE WITHOUT NOTICE. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE SEDIMENT CONTROL SYSTEMS SHOWN ON THIS PLAN.

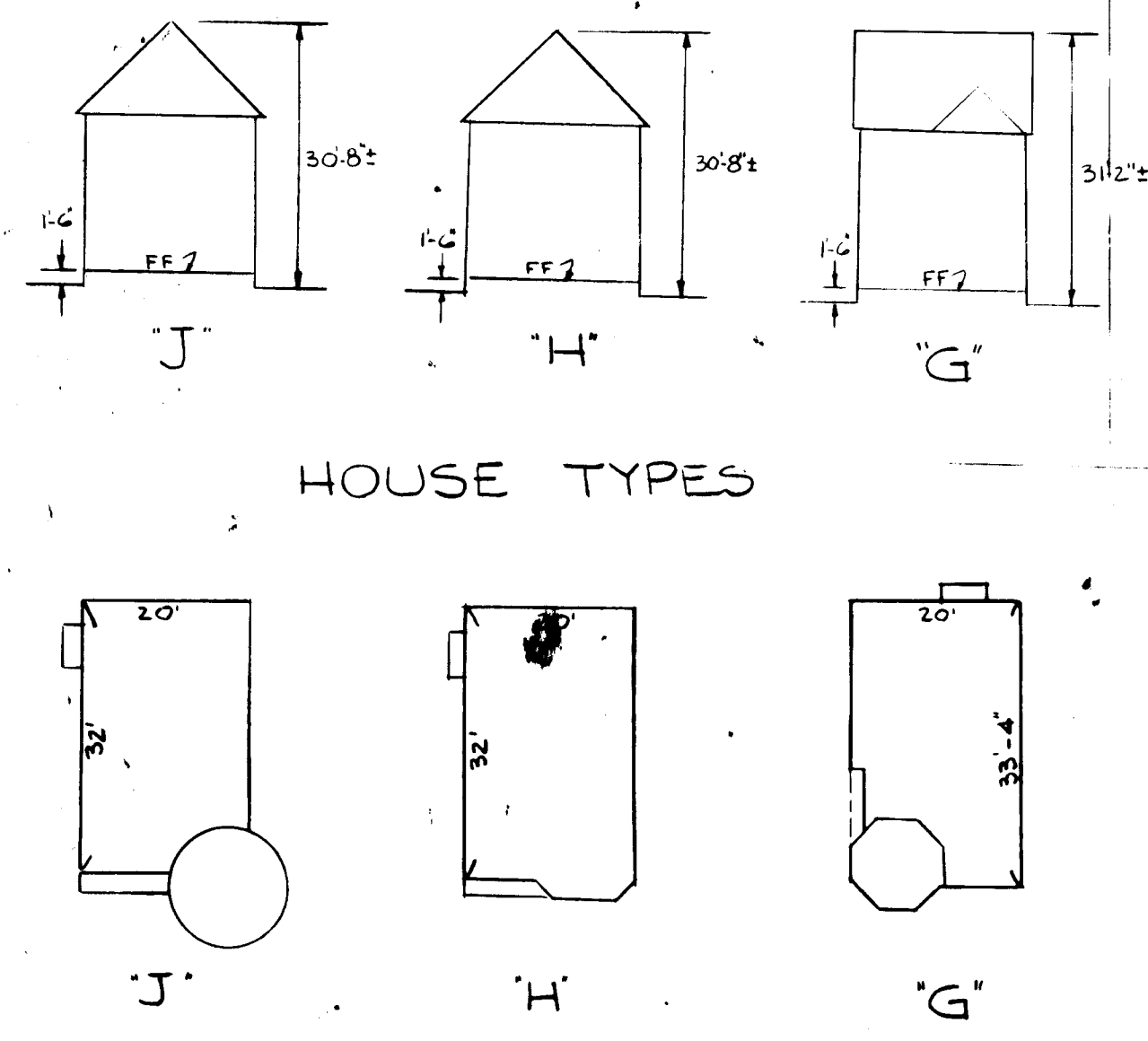
OPEN SPACE LOT 1  
VILLAGE OF OWEN BROWN  
SECTION 2  
PB 24  
F 92 & 93



VICINITY MAP  
SCALE: 1"=2000'



NOTE: ALL CONSTRUCTION SHALL CONFORM TO THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS. USE THIS DRIVEWAY SECTION WITH THE EXISTING CONC. APRON CONFORMING WITH THE HOWARD CO. STD DRAWING R-601.




HOUSE TYPES

NOTE: J & H UNITS ARE INTERCHANGEABLE

- SEQUENCE OF CONSTRUCTION**
1. OBTAIN GRADING PERMIT
  2. NOTIFY HOWARD CO. DEPT. OF PERMITS AND LICENSES.
  3. INSTALL STONE CONSTRUCTION ENTRANCES, INTERCEPTOR DIKES & STRAW BALE DIKES.
  4. EXCAVATE SEDIMENT TRAPS #1 & #2
  5. ROUGH GRADE SITE
  6. PROCEED WITH BUILDING & UTILITY CONSTRUCTION
  7. FINE GRADE SITE
  8. STABILIZE AREAS TO BE SEED PER PERMANENT SEEDING NOTES.
  9. REMOVE SEDIMENT CONTROL DEVICES & STABILIZE THESE AREAS.
  10. PAVE AREAS TO BE PAVED
  11. OBTAIN FINAL APPROVAL FROM INSPECTOR TO INSURE OCCUPANCY.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 Acting Amarband 5-8-84  
 PLANNING DIRECTOR DATE  
Shull 5-7-84  
 CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE  
 APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
Boyer 5-1-84  
 COUNTY HEALTH OFFICER DATE  
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS, & PUBLIC ROADS, HOWARD COUNTY DEPT. OF PUBLIC WORKS  
Joey F. Nemej 4-27-84  
 DIRECTOR DATE  
McGee & Rudy 4-26-84  
 CHIEF BUREAU OF ENGINEERING DATE

**CERTIFICATION BY DEVELOPER**  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL & THAT ALL RESPONSIBLE PERSONNEL INVOLVED WITH THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.  
Ethan Grossman 2/28/84  
 SIGNATURE DATE

**CERTIFICATION BY ENGINEER**  
 I CERTIFY THAT THIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
  
Ethan Grossman 2/27/84  
 SIGNATURE DATE

OWNER & DEVELOPER  
 ETHAN GROSSMAN  
 10750 HICKORY RIDGE RD  
 SUITE 100  
 COLUMBIA, MARYLAND 21044  
 TEL 730-2404

SURVEYORS & ENGINEERS  
 HUDKINS ASSOCIATES INC  
 231 JOSEPH SQUARE  
 COLUMBIA, MD. 21044

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 3-28-84  
M. J. Furr

**SEDIMENT CONTROL PLAN**  
 LOTS A375 THRU A304  
 COLUMBIA  
 VILLAGE OF OWEN BROWN SECT 2 AREA 1  
 6TH ELECT DIST HOWARD COUNTY, MARYLAND  
 SCALE: 1"=30'  
 SDP-84-211 FEB. 17, 1984 SH 203

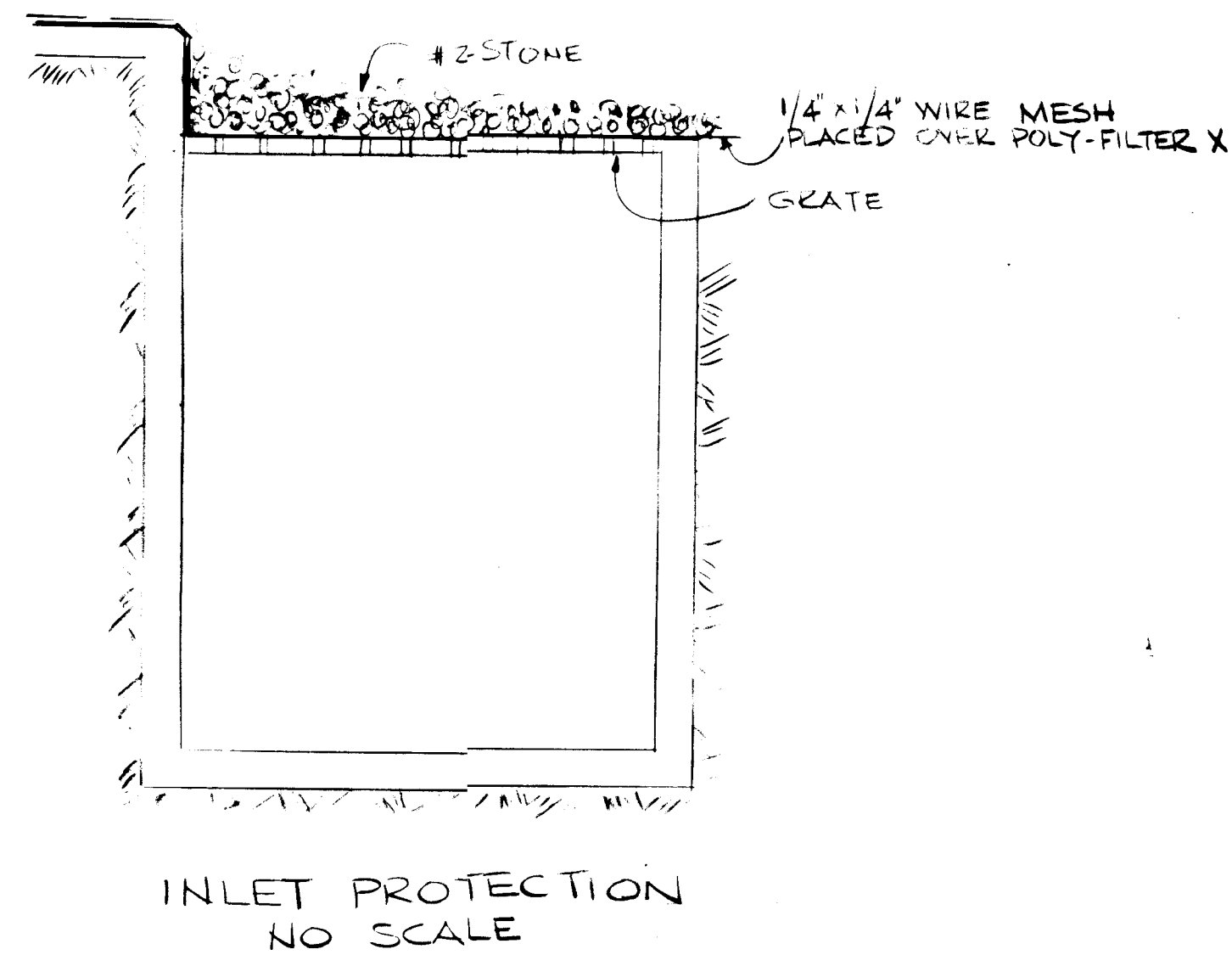
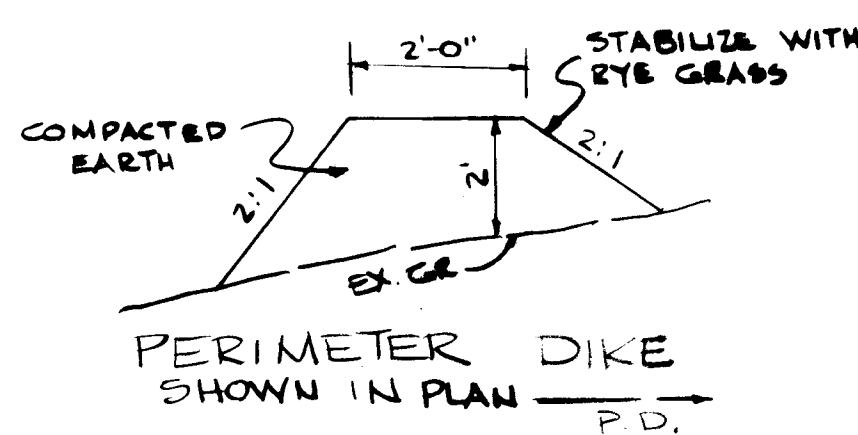
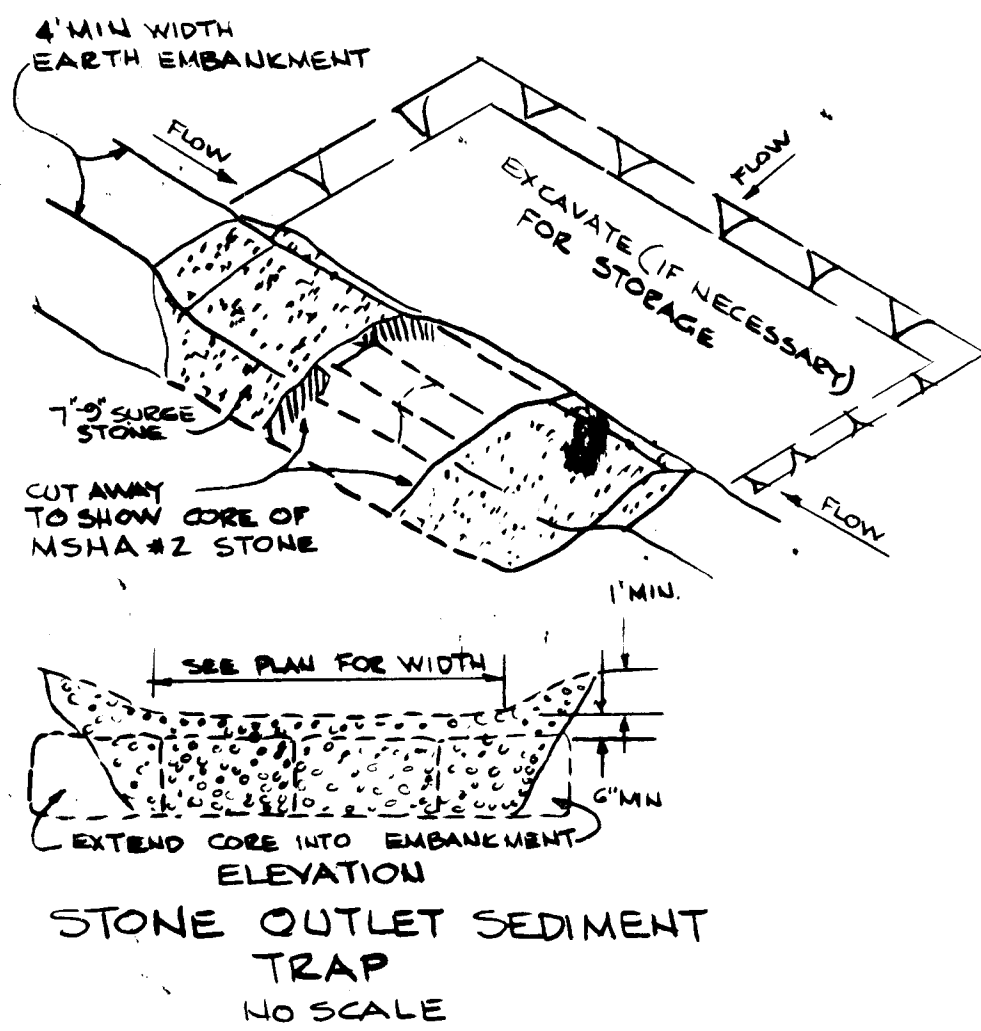
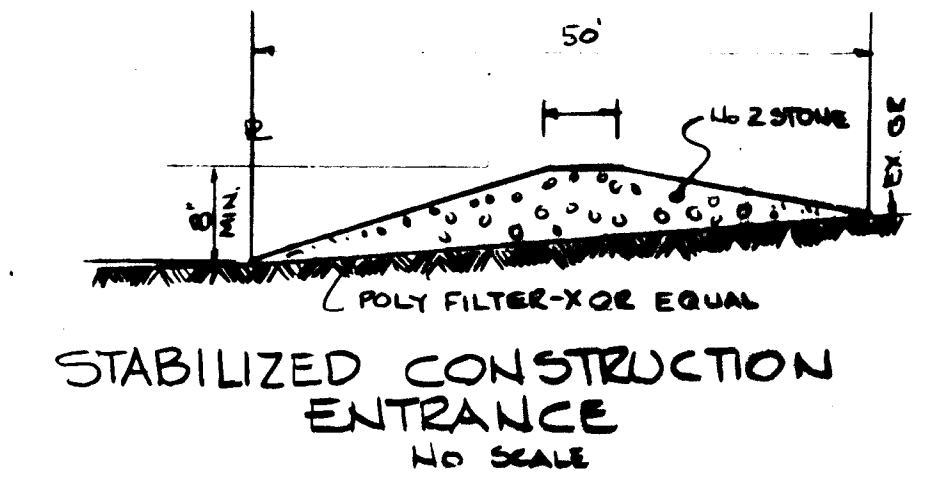
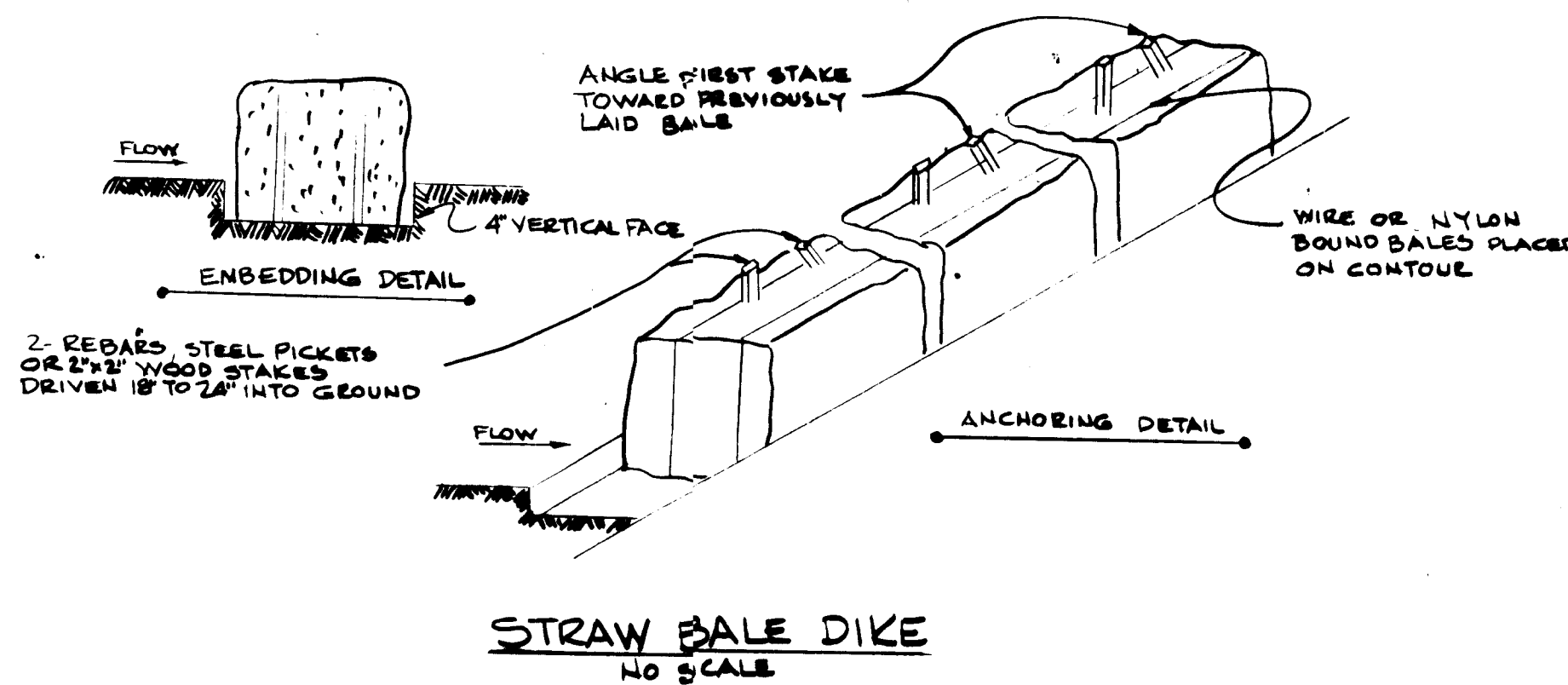
**SEDIMENT CONTROL SEEDING NOTES:**

1. Notify Howard County Bureau of Inspections 48 hrs. before starting work.
2. Install Sediment control measures in accordance with "Standards & Specifications for Soil Erosion & Sediment Control in Developing Areas" prior to any grading.
3. All Sediment control measures to remain in place until permission for their removal has been obtained from the Sediment Control Inspector.
4. Inspect & maintain all Sediment control measures to ensure proper functioning.
5. All graded areas not to be paved are to be stabilized as follows:
  - a. Spread 3" layer compacted topsoil to finished grade.
  - b. Spread 90 lbs./1000 s.f. Dolomitic limestone & 25 lbs./1000 s.f. 10x10x10 fertilizer.
  - c. SEED PREPARED AREAS AT THE RATE OF 3 LBS./1000 SQ. FT. 40% MARION KENTUCKY BLUEGRASS, 40% COMMON KENTUCKY BLUEGRASS, 20% PENN LAWN CREEPING RED FESCUE
  - d. Mulch with 70 lbs./1000 s.f. small grain straw. Spray with 0.04 gal./sq. yd. emulsified asphalt.
  - e. If no germination within 4 weeks, then reseed.

6. Structural measures such as berms, dikes, traps, basins, etc., will be installed & stabilized according to the plan prior to any disturbance of the existing surface of the site.
7. On site inspection and maintenance of all sediment control measure including cleanup of traps and berms and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site on a continuing day to day basis.

**TEMPORARY SEEDING NOTES:**

1. Seed immediately upon construction with 1lb. rye grass per 1000 s.f.
2. Apply 46 lbs./1000 s.f. of pulverized dolomitic limestone and 115 lbs. to 18.4 lbs./1000 s.f. of 10x10x10 or equivalent fertilizer
3. Harrow or disc lime and fertilizer into the soil to a depth of at least 3 inch continue tillage until a reasonably uniform fine firm seedbed the final harrowing or discing should be on the contour.
4. Mulch with straw @ 75 lbs./1000 s.f.



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 3-28-84

**ENGINEER**  
HUDKINS ASSOCIATES, INC.  
200 E. JOPPA ROAD  
TOWSON, MARYLAND 21204 TEL 828-2060

**DEVELOPER**  
ETHAN GROSSMAN  
10750 HICKORY RIDGE RD SUITE 100  
COLUMBIA, MARYLAND 21044

APPROVED FOR PUBLIC WATER, SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS.  
HOWARD COUNTY DEPT. OF PUBLIC WORKS

*Thomas F. Nemesy* 4-27-84  
DIRECTOR DATE  
*William B. Row* 4-26-84  
CHIEF, BUREAU OF ENGINEERING DATE

**ENGINEER'S CERTIFICATE**  
I CERTIFY THAT THIS PLAN FOR DEVELOPMENT AND EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*Arthur E. Jensen* 3/21/84  
STATE OF MARYLAND  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
APPROVED: H.S. J.D.

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS

*James M. Helm* 4-24-84  
U.S. SOIL CONSERVATION DISTRICT DATE

HOWARD SOIL CONSERVATION DISTRICT  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

*Robert W. Ziehm* 4-24-84  
APPROVED: H.S. J.D. DATE

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*James B. Helm* 5-1-84  
COUNTY HEALTH OFFICE DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

*Acting* *Amal B. Boudell* 5-8-84  
PLANNING DIRECTOR DATE

*John W. Wasserman* 5-7-84  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

**DEVELOPER'S CERTIFICATE**  
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS OF DEVELOPMENT AND EROSION AND SEDIMENT CONTROL. I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED REPRESENTATIVES AS ARE DEEMED NECESSARY.

*Ethan Grossman* 2/24/84

LOTS A375 THRU A384  
COLUMBIA  
VILLAGE OF OWEN BROWN  
SECT 2 AREA 1  
6TH ELECTION DISTRICT, HOWARD COUNTY MD  
SCALE: AS SHOWN FEB 17, 1984 24 OF 3

**SEDIMENT CONTROL PLAN**

DATE	3
REVISIONS	OF 3