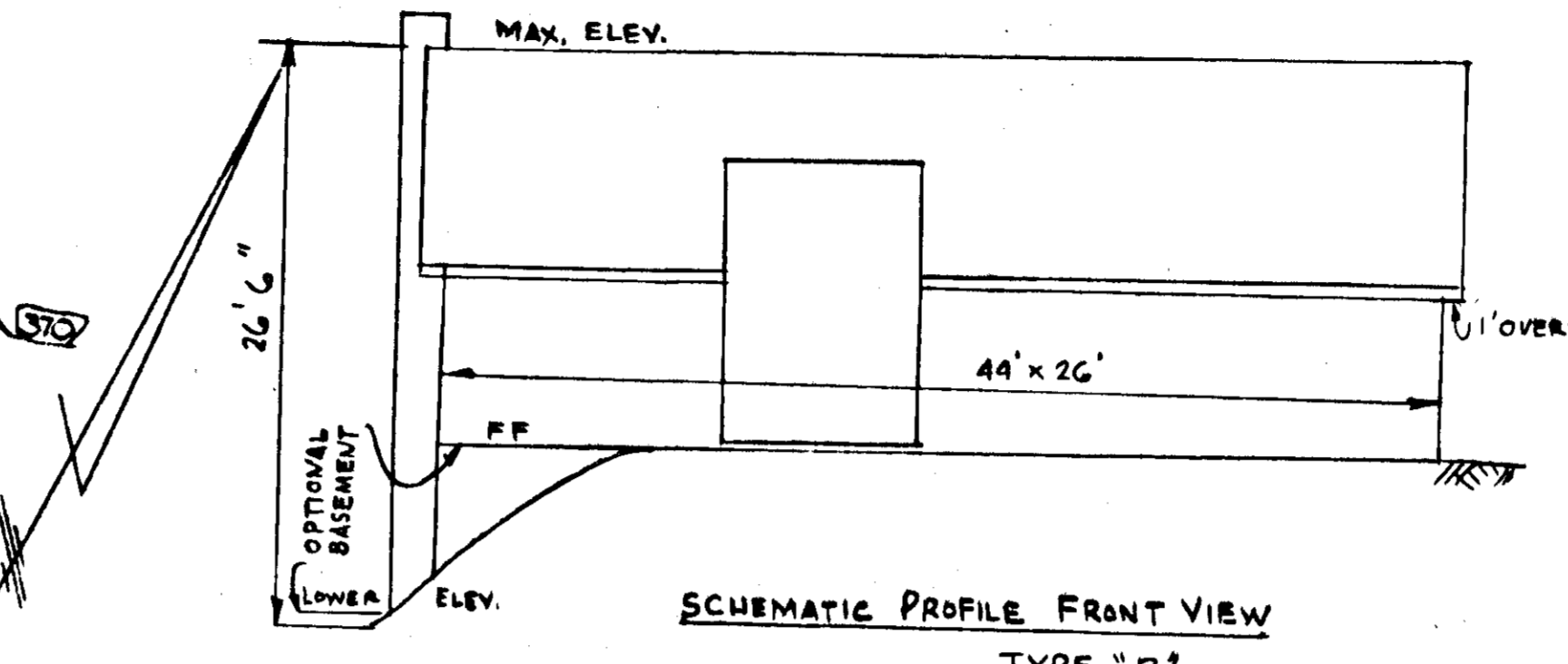
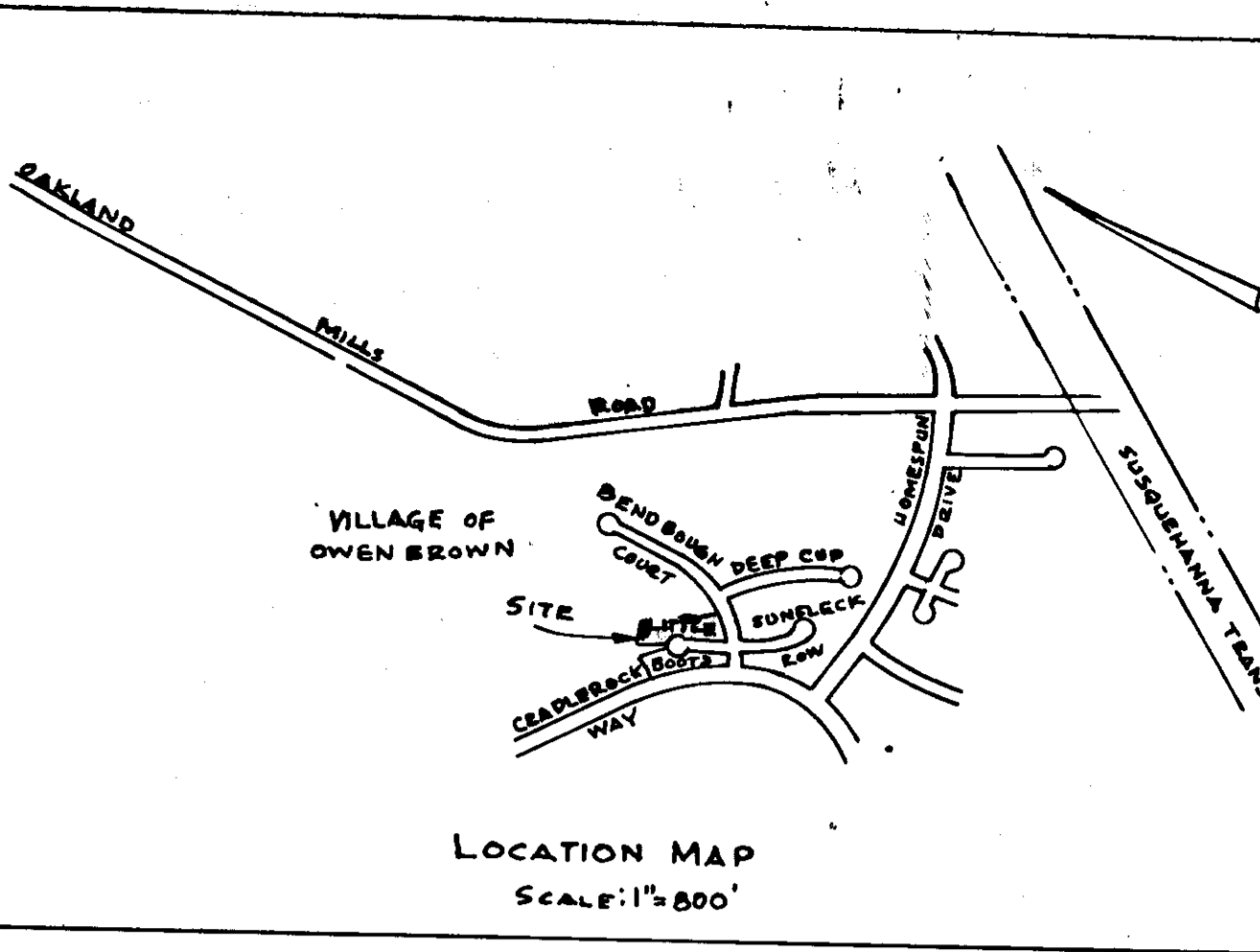
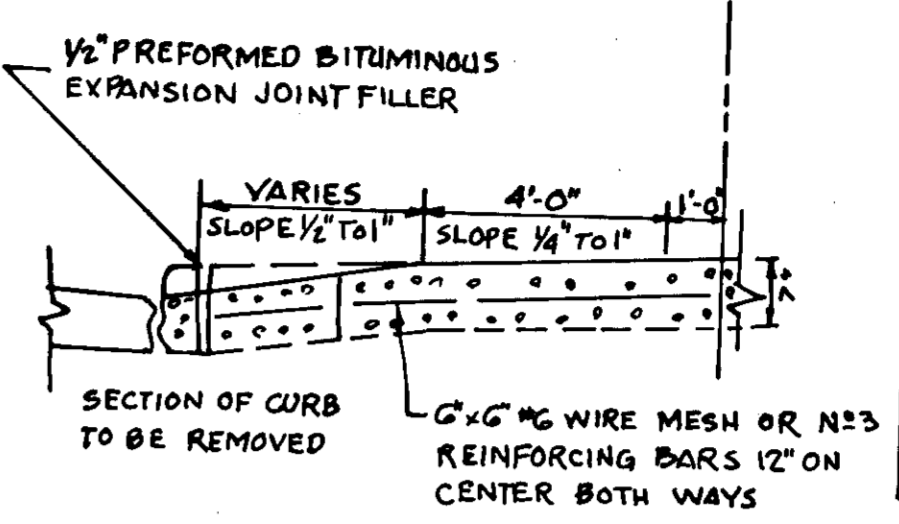
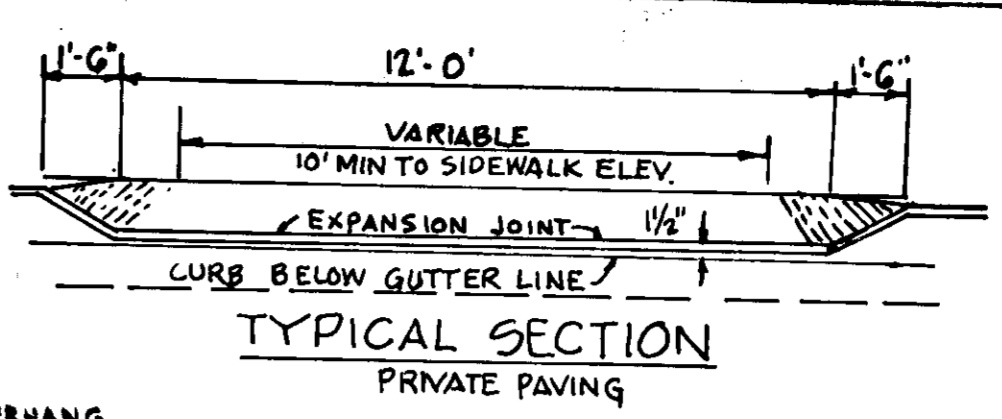
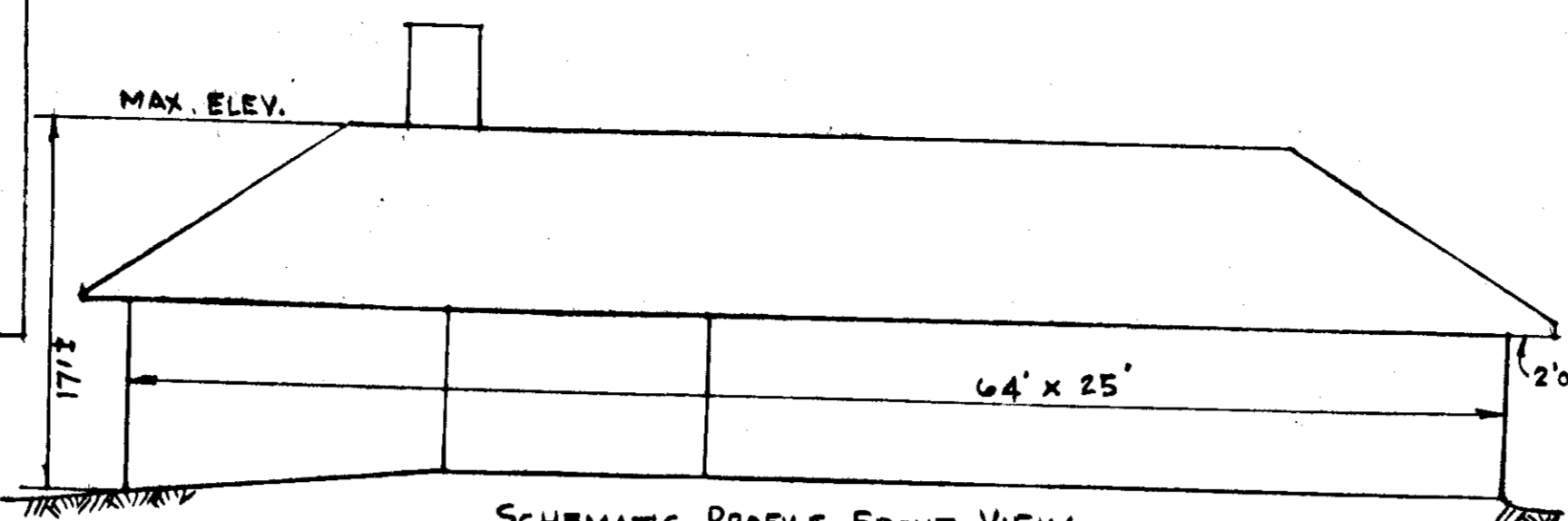
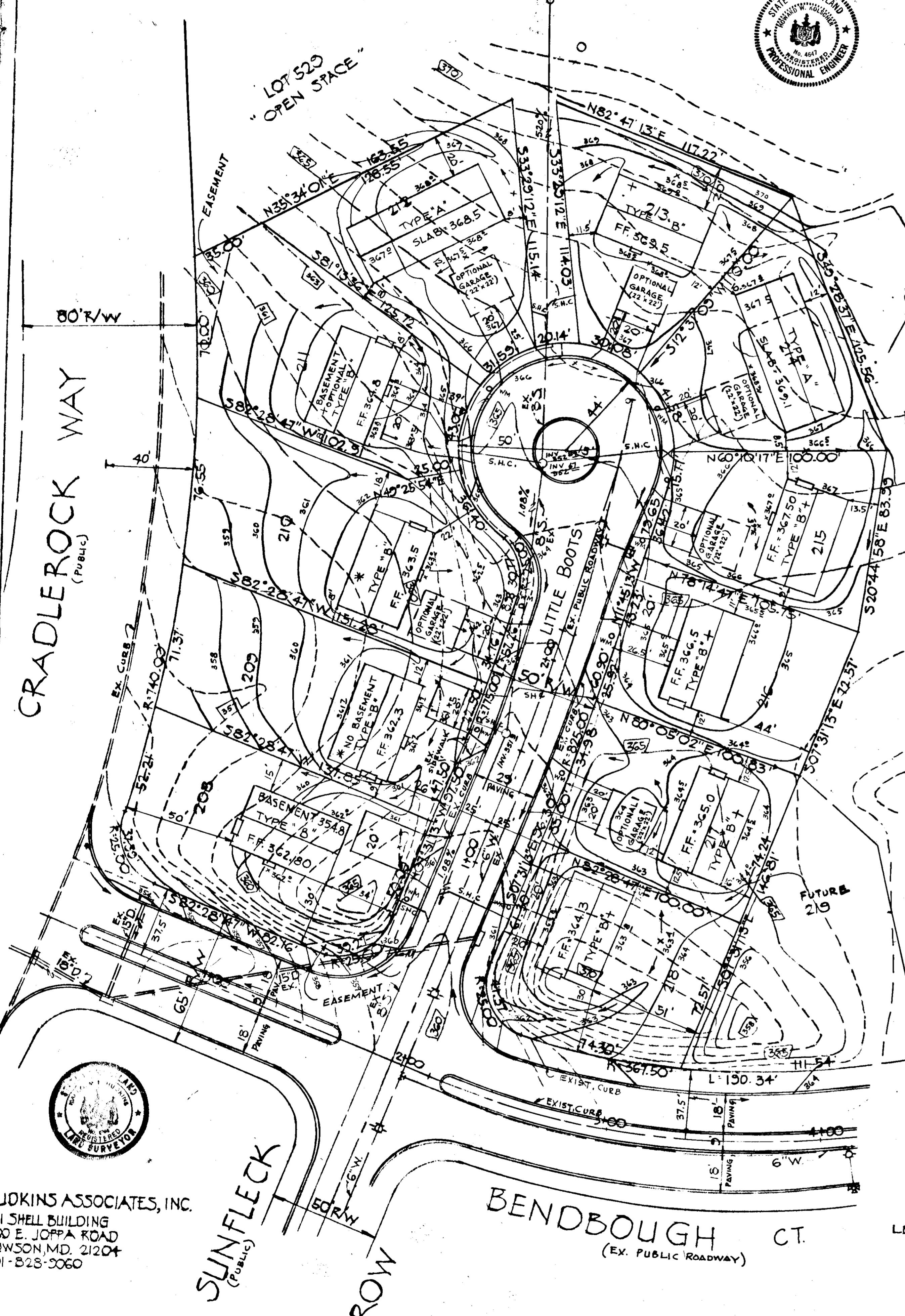


DEVELOPER
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND AUTHORITY PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Step J. Thomas 6-13-75
 President Development Technology Inc.

PROFESSIONAL ENGINEER
 I CERTIFY THAT THE 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 THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Howard J. Holaday 4/13/75
 P.E. #14647



LOTS 209 "OPEN SPACE"
 TYPE "B" INDICATES OPTIONAL BASEMENT
 * TYPE "B" INDICATES NO BASEMENT



VILLAGE OF OWEN BROWN
 SECT. 4 AREA 1
 PLAT BOOK 27-72

HOWARD RESEARCH & DEVELOPMENT CORP.
 482/498

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CODE AND STANDARD SPECIFICATIONS
3. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS
4. PORTION OF DRIVEWAY BETWEEN CURBS & RIGHT OF WAY LINE WILL BE MAINTAINED BY LAND OWNER OF LOT TO BE SERVED.
5. ZONING: NEW TOWN-SINGLE FAMILY, MEDIUM DENSITY
6. TOTAL AREA OF LOTS = 2.17 AC. ±
7. ANY DAMAGE TO RIGHT-OF-WAYS OR PAVING MUST BE CORRECTED AT DEVELOPER'S EXPENSE.

REVIEWED FOR *Howard* S.C.D. NAME
 AND MEETS TECHNICAL REQUIREMENTS
John M. Holaday DATE 8-22-75
 SIGNATURE
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 APPROVED: *Howard J. Holaday* DATE 8-22-75
 HOWARD S.C.D.

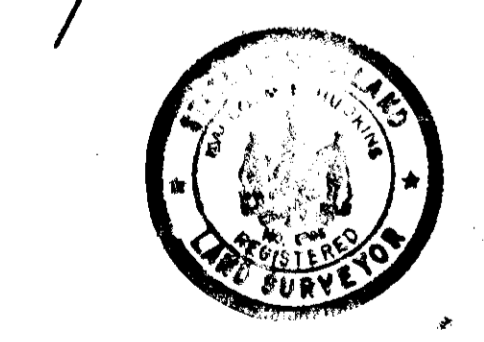
LEGEND: EX. CONTOURS SHOWN THUS (---) 1' INTERVALS
 PROPOSED CONTOURS SHOWN THUS (---) 1' INTERVALS

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
John A. Zeman 9/15/75
 COUNTY HEALTH OFFICER DATE
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
John A. Zeman 9/15/75
 PLANNING DIRECTOR DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John A. Zeman 9-2-76
 DIRECTOR DATE
G. P. McKeand 8/24/75
 CHIEF BUREAU OF HIGHWAYS DATE

SITE DEVELOPMENT PLAN
 LOTS 208 THRU 218
 VILLAGE OF OWEN BROWN
 SECTION 4 AREA 1 P.B. 27 FOLIO 72
 ELECTION DISTRICT 6
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30'
 JUNE 10, 1975
 REVISED AUGUST 4, 1975
 F.D.P. PHASE 146A REV 8/24/75 5DP 75-109c
 PB 28/88
 TAX MAP 36 PARCEL 387 SHEET 1 OF 2
 DEVELOPER OWNER
 DEVELOPMENT TECHNOLOGY, INC. HOWARD RESEARCH & DEVELOPMENT
 312 TEACHER BUILDING COLUMBIA, MD. 21044

APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 8/19/75
J. A. Clawson

HUDKINS ASSOCIATES, INC.
 101 SHELL BUILDING
 200 E. JOFFA ROAD
 TOWSON, MD. 21204
 301-828-3060



DEVELOPER

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Richard J. Dimes 6-13-75
 Development Technology, Inc.

PROFESSIONAL ENGINEER

I CERTIFY THAT THE 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 THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Howard W. Miller 6/13/75
 P.E.

PROCEDURE - PERMANENT SEEDING

- A. APPLY 50 LBS/1000 SF OF LIMESTONE
- B. APPLY FERTILIZER @ RATE OF 25 LBS. OF 10-10-10 PER 1000 SF DEPENDING ON THE SOIL TEST.
- C. HARROW OR DISC FERTILIZER & LIMESTONE INTO SOIL TO DEPTH OF 3 IN.
- D. SEED WITH KY 31 TALL FESCUE AT RATE OF 5 LBS/1000 SF OR OTHER S.C.S. APPROVED SEEDING PLAN.
- E. MULCH WITH SMALL GRAIN STRAW 1.5 TO 2 TONS PER ACRE (75-300/1000 SQ.FT.)
- F. ANCHOR MULCH W/SPRAYED ASPHALT @ 0.1 GAL/50 YD.

- TEMPORARY SEEDING & SEEDING NOTES FOR BERMS**
- 1. SEED IMMEDIATELY UPON CONSTRUCTION WITH 1 LB. RYE GRASS PER 1000 SF.
 - 2. APPLY 46 LBS/1000 SF OF PULVERIZED DOLOMITIC LIMESTONE AND 11.5 LBS TO 18.4 LBS/1000 SF OF 10-10-10 OR EQUIVALENT FERTILIZER.
 - 3. HARROW OR DISC LIME & FERTILIZER INTO THE SOIL TO A DEPTH OF AT LEAST 3 IN. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM FINE FIRM SEEDBED HAS BEEN PREPARED. ON SLOPING LAND, THE FINAL HARROWING OR DISCING SHOULD BE ON THE CONTOUR.
 - 4. MULCH WITH STRAW @ 75%/1000 SQ.FT.

- VEGETATIVE COVER OPTIONS**
- MAY 1 TO AUG 15**
- 1. SOD
 - 2. SEED & MULCH
- AUG 15 TO NOV 1**
- 1. SOD
 - 2. MULCH, ANCHOR, TOOL THEN SEED DURING NEXT SEED PERIOD
- NOV 1 TO FEB 1**
- 1. SOD
 - 2. SEED & MULCH
 - 1. SOD - DELAY UNTIL NEXT PERIOD IF GROUND IS FROZEN
 - 2. MULCH, ANCHOR, TOOL THEN SEED DURING NEXT SEED PERIOD.

SEDIMENT CONTROL NOTES

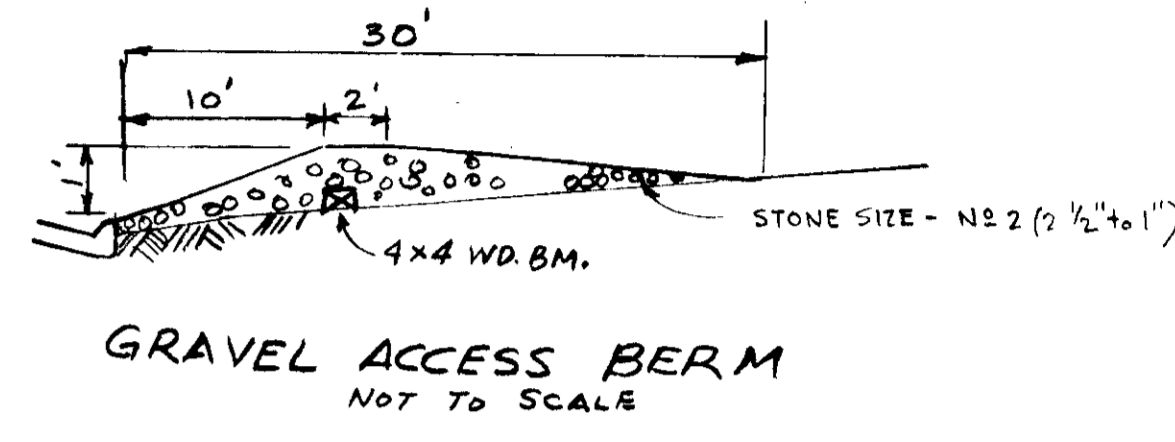
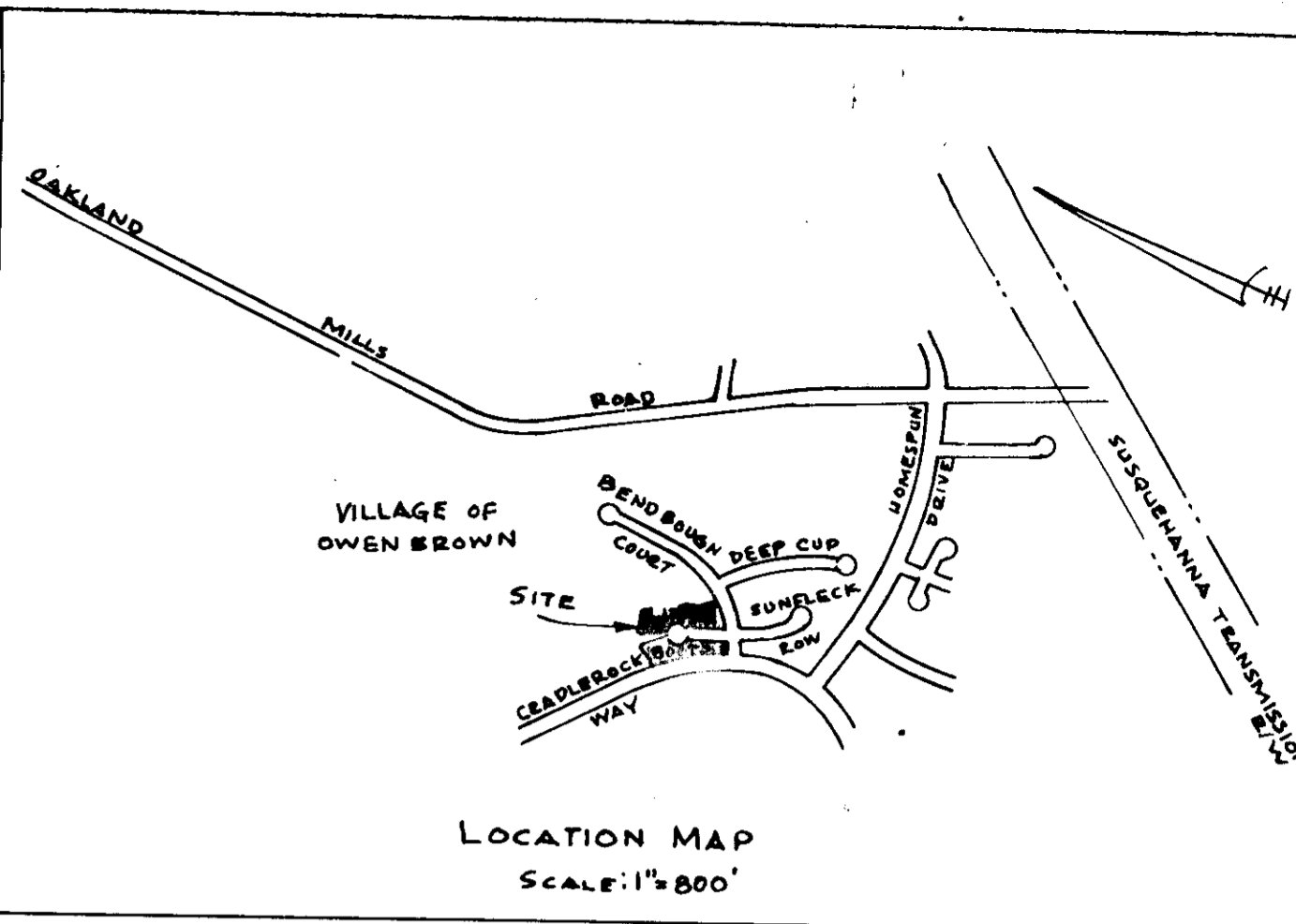
- 1. NOTIFY THE HOWARD CO. SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK. PHONE 465-5000 EXT 328 OR 465-3180
- 2. ALL SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.
- 3. STRUCTURAL MEASURES SUCH AS BERMS, DIKES, TRAPS, BASINS, ETC. WILL BE INSTALLED AND STABILIZED ACCORDING TO THE PLAN PRIOR TO ANY OTHER GRADING, CLEARING OR DISTURBANCE OF THE EXISTING SURFACE OF THE SITE.
- 4. ON-SITE INSPECTION & MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES INCLUDING CLEAN OUT OF SEDIMENT 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.

PHASE OF CONSTRUCTION

- 1. INSTALL SEDIMENT CONTROL DEVICES & STABILIZE WITH TEMPORARY SEEDING.
- 2. ROUGH GRADE SITE
- 3. STABILIZE BY PERMANENT OR TEMPORARY SEEDING.
- 4. AT COMPLETION OF CONSTRUCTION REMOVE ALL PERIMETER SEDIMENT CONTROL DEVICES & STABILIZE FOLLOWING PROCEDURES FOR PERMANENT SEEDING OR SODDING.

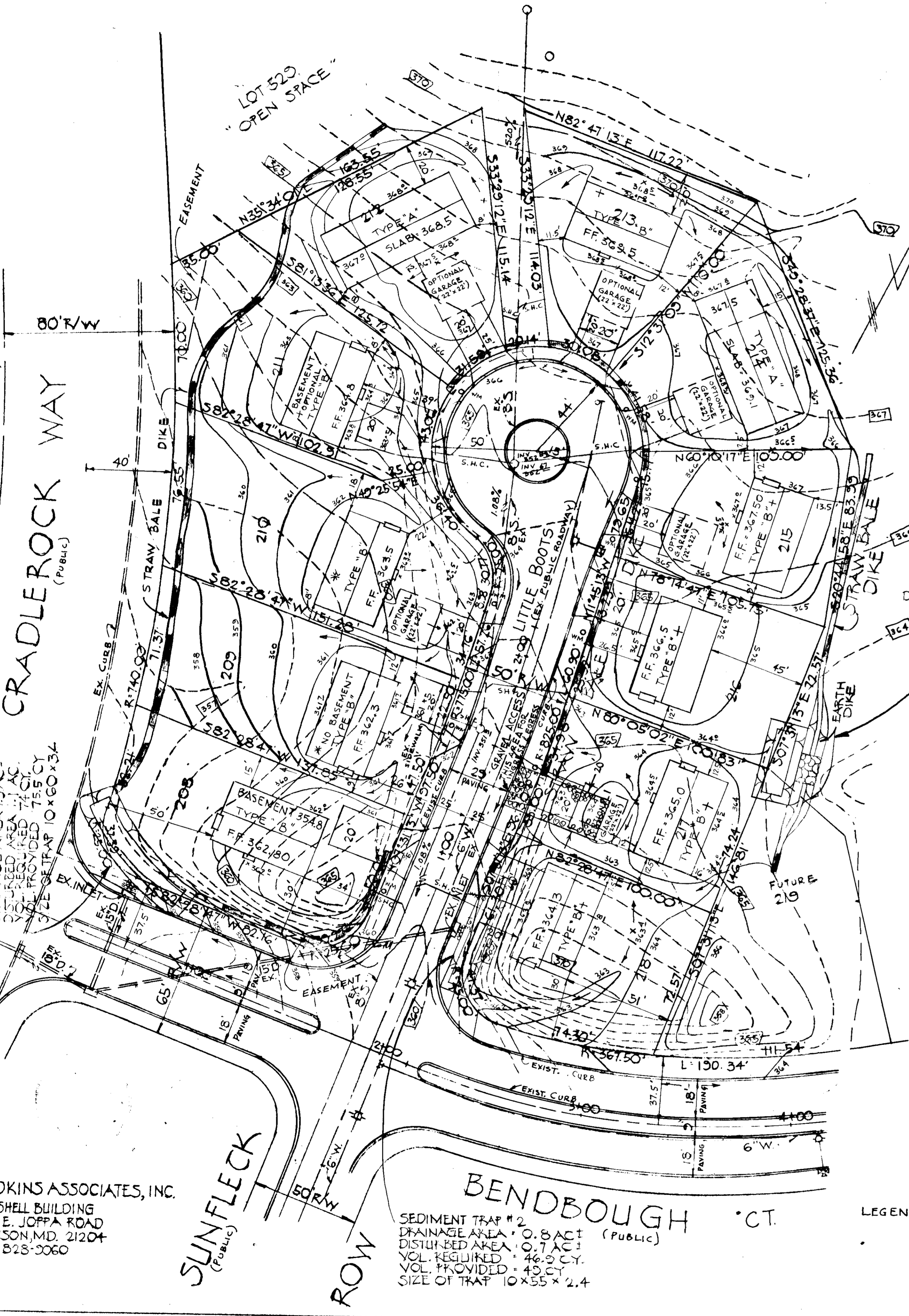
SITE ANALYSIS

TOTAL AREA OF SITE	2.17 AC ±
TOTAL AREA TO BE DISTURBED	2.1 AC ±
TOTAL AREA OF ROOFS & PAVEMENT	0.56 AC ±
TOTAL AREA TO BE VEGETATED; LEFT NATURAL	1.61 AC ±



GENERAL NOTES

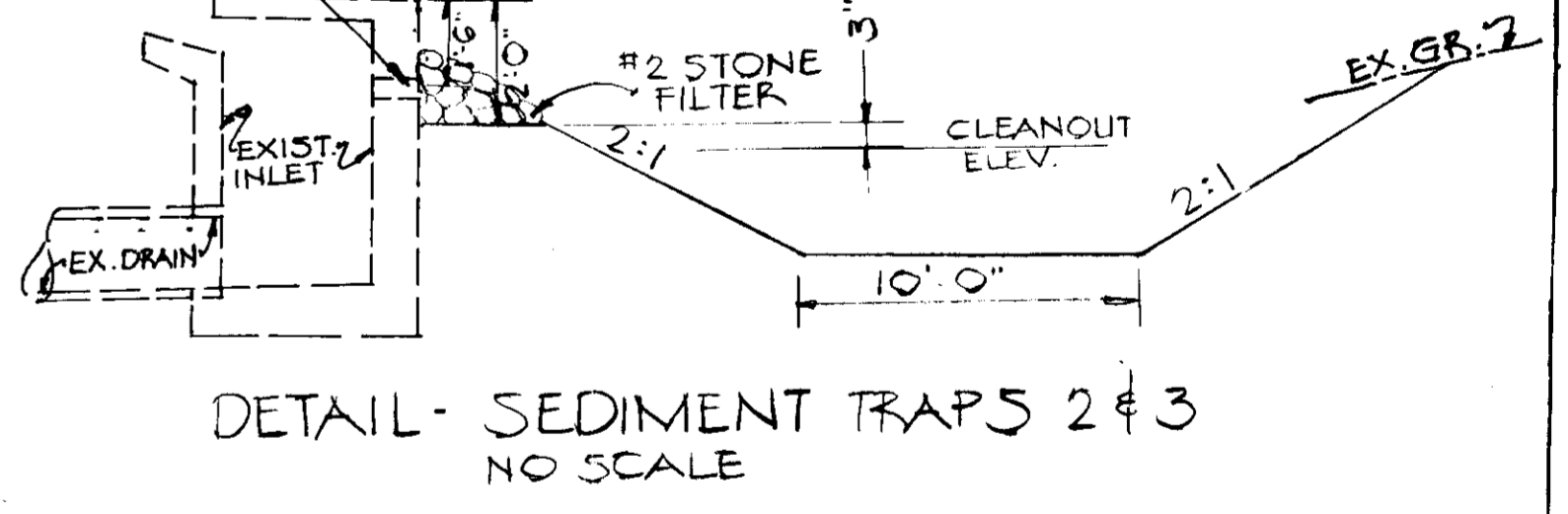
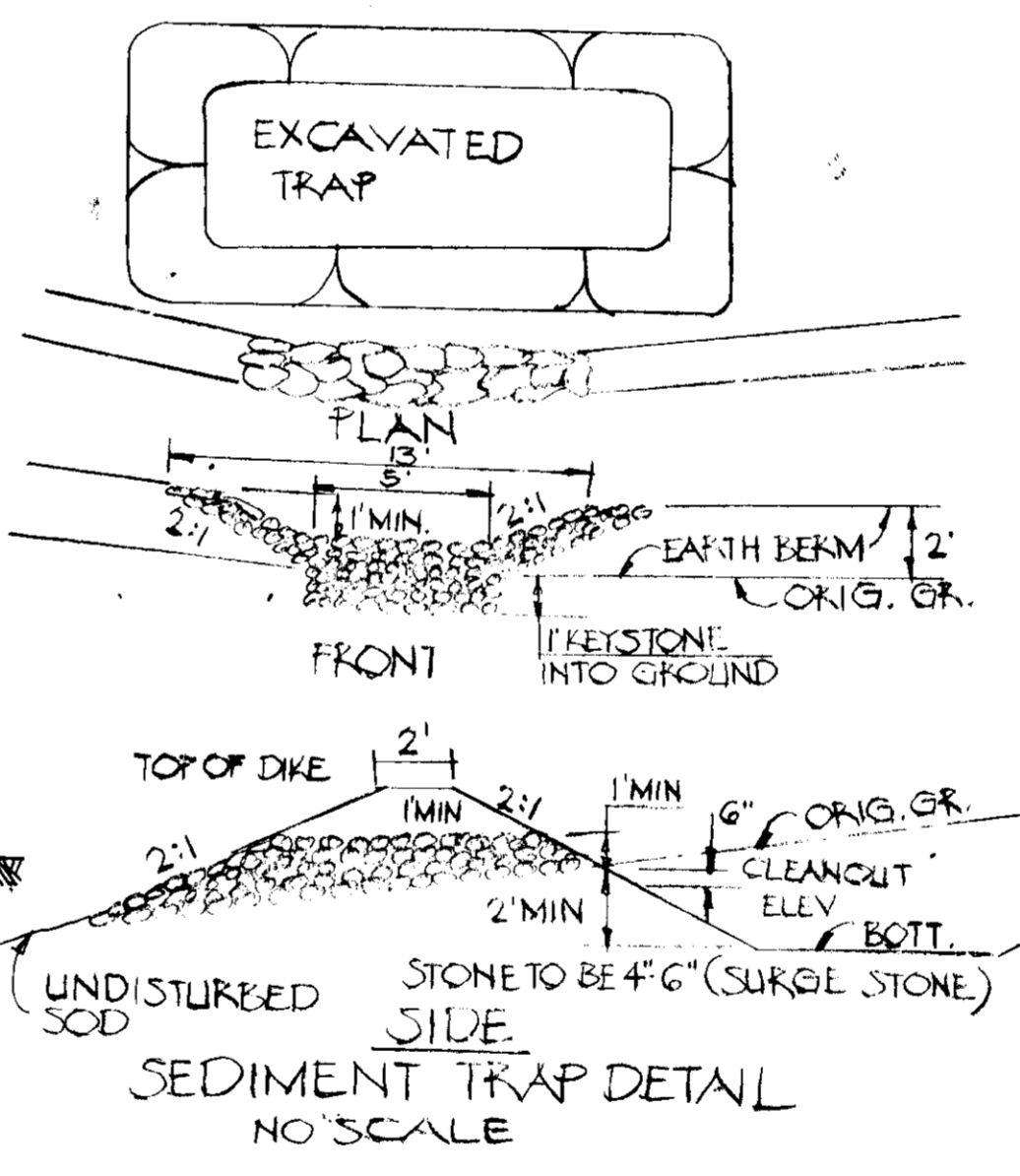
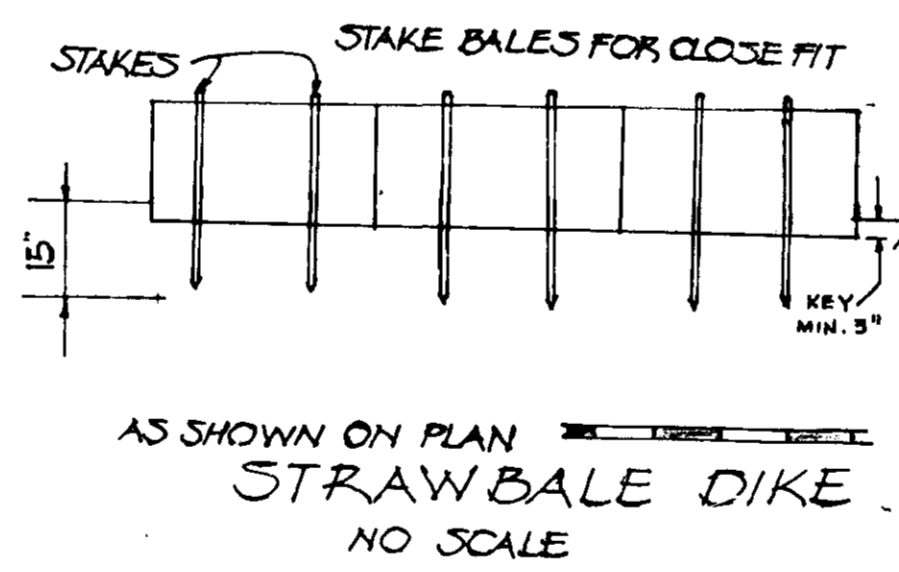
- 1. ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS
- 2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CODE AND STANDARD SPECIFICATIONS.
- 3. JACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS
- 4. PORTION OF DRIVEWAY BETWEEN CURB & RIGHT OF WAY LINE WILL BE MAINTAINED BY LAND OWNER OF LOT TO BE SERVED.
- 5. ZONING: NEW TOWN-SINGLE FAMILY MEDIUM DENSITY
- 6. TOTAL AREA OF LOTS: 2.17 AC. ±
- 7. ANY DAMAGE TO RIGHT-OF-WAYS OR PAVING MUST BE CORRECTED AT DEVELOPER'S EXPENSE.



LOT 529
 "OPEN SPACE"
 VILLAGE OF OWEN BROWN
 SECT. 4 AREA 1
 PLAT BOOK 27-72

HOWARD RESEARCH & DEVELOPMENT CORP.
 482/408

SEDIMENT TRAP #1
 DRAINAGE AREA: 0.5 AC. ±
 DISTURBED AREA: 0.3 AC. ±
 VOL. REQUIRED: 20.1 C.Y.
 VOL. PROVIDED: 22 C.Y.
 SIZE OF TRAP: 10' x 30' x 2'



REVIEWED FOR: *He. J.* S.C.D. NAME
 AND MEETS TECHNICAL REQUIREMENTS
 COUNTY HEALTH OFFICER DATE: 6-22-75
 SIGNATURE: *He. J.*
 US SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 APPROVED: *Howard W. Miller* DATE: 6-22-75
 HOWARD S.C.D.

LEGEND: EX. CONTOURS SHOWN THUS (---) 1' INTERVALS
 PROPOSED CONTOURS SHOWN THUS (---) 3/8" INTERVALS

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT <i>Howard W. Miller</i> DATE: 6/22/75 COUNTY HEALTH OFFICER	APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING <i>Richard J. Dimes</i> DATE: 6/22/75 PLANNING DIRECTOR
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>Richard J. Dimes</i> DATE: 6/22/75 DIRECTOR	APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT <i>Howard W. Miller</i> DATE: 6/22/75 COUNTY HEALTH OFFICER

SEDIMENT CONTROL PLAN
 LOTS 208 THRU 218
 VILLAGE OF OWEN BROWN
 SECTION 4 AREA 1 P.B. 27 FOLIO 72
 ELECTION DISTRICT 6
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30'
 JUNE 10, 1975
 REVISED AUGUST 4, 1975
 F.D.P. PHASE 146A REV. 8/24/75 SDP 15-109C
 P.B. 28/88 TAX MAP 36 PARCEL 387 SHEET 2 OF 2
 DEVELOPER: DEVELOPMENT TECHNOLOGY, INC. 312 TEACHER BUILDING COLUMBIA, MD. 21044
 OWNER: HOWARD RESEARCH & DEVELOPMENT COLUMBIA, MD. 21044