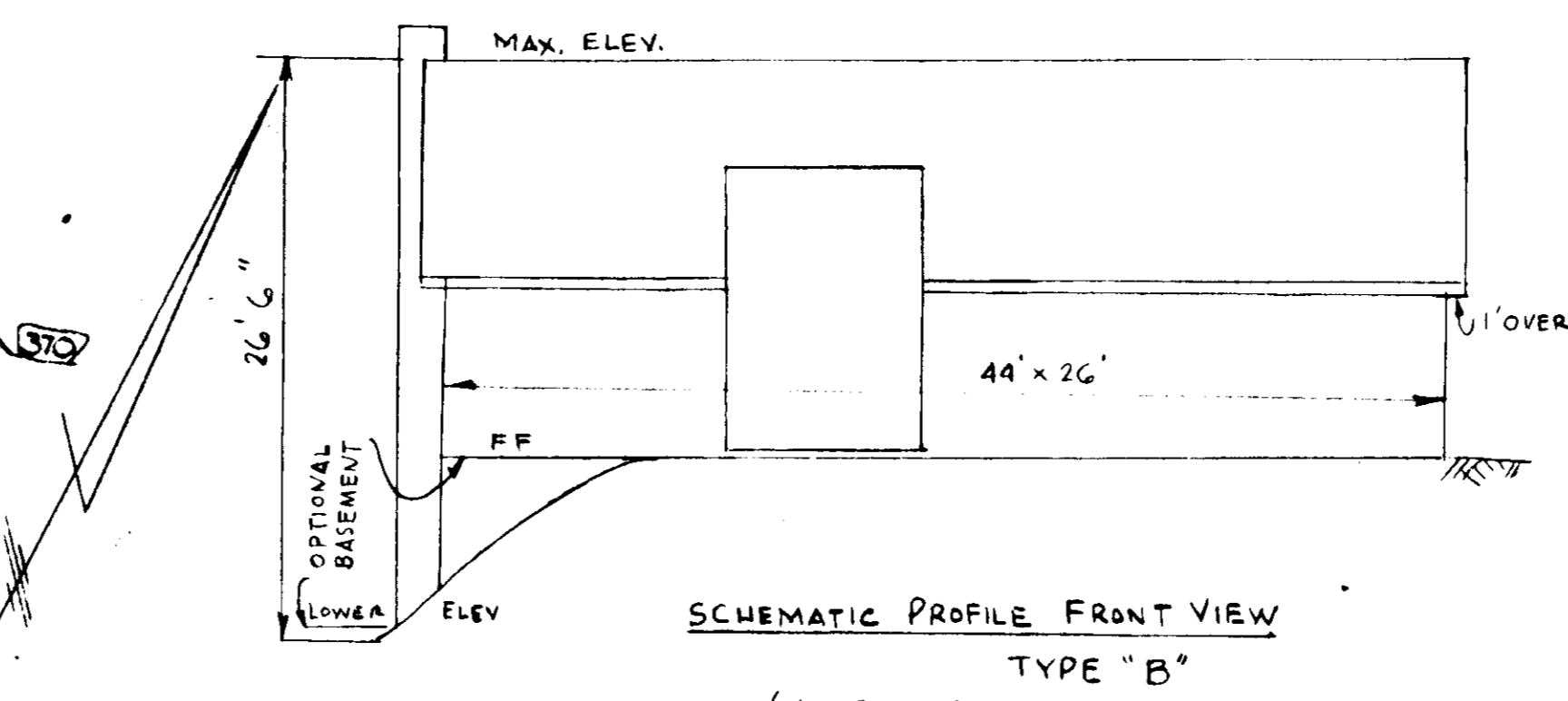
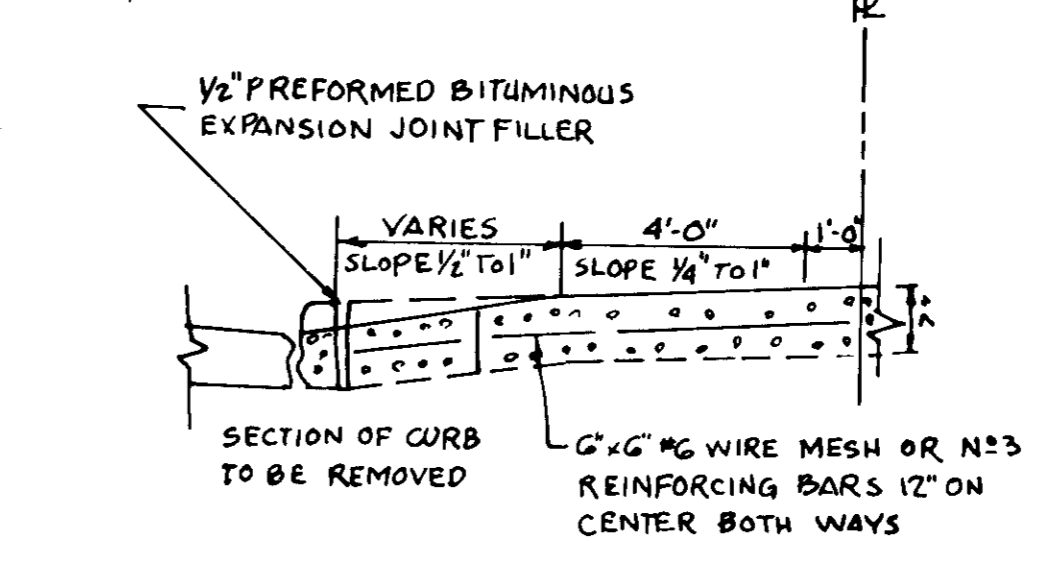
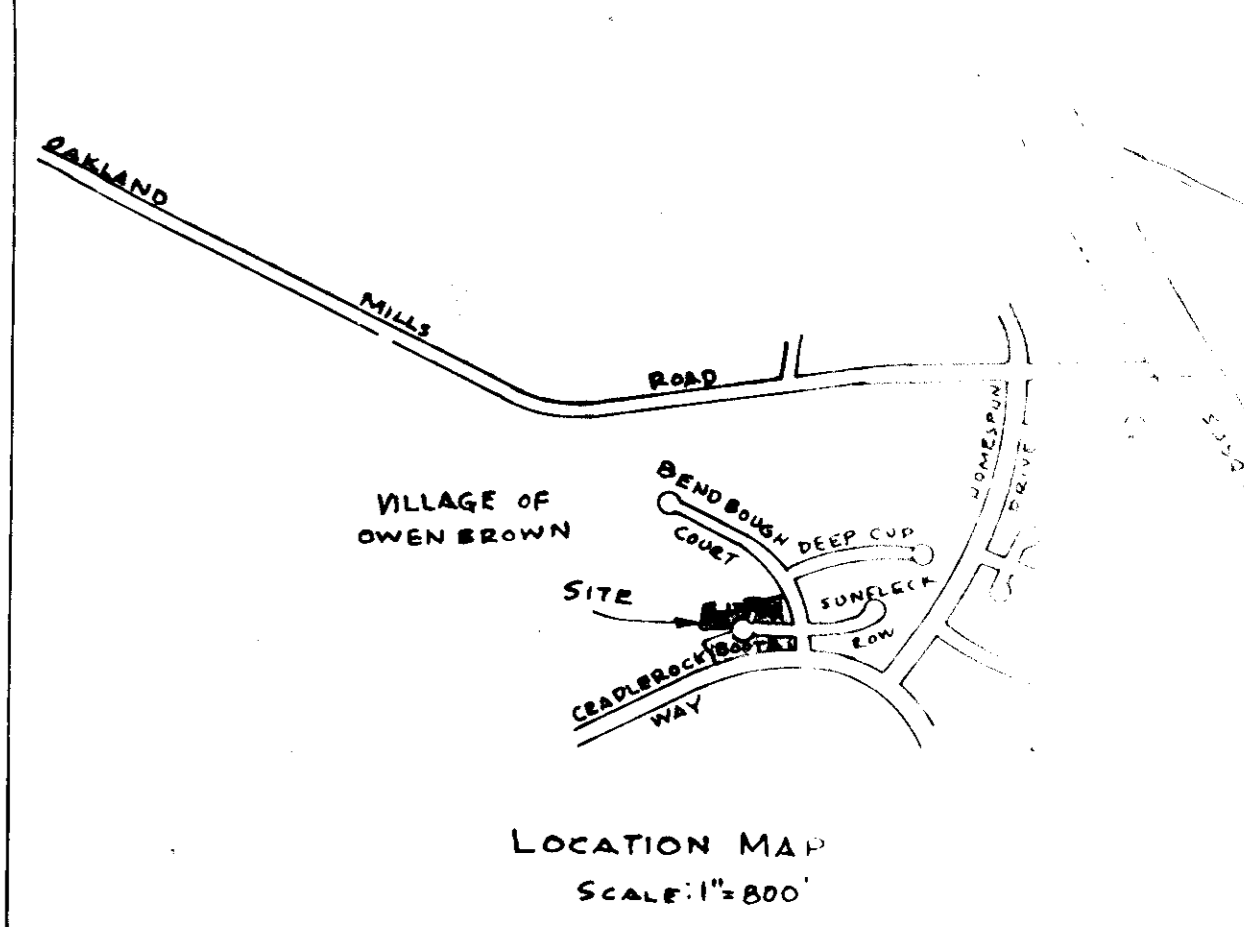
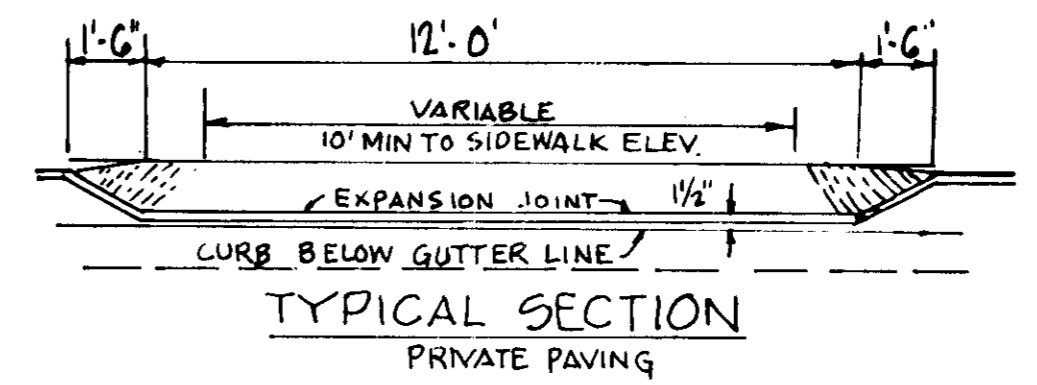
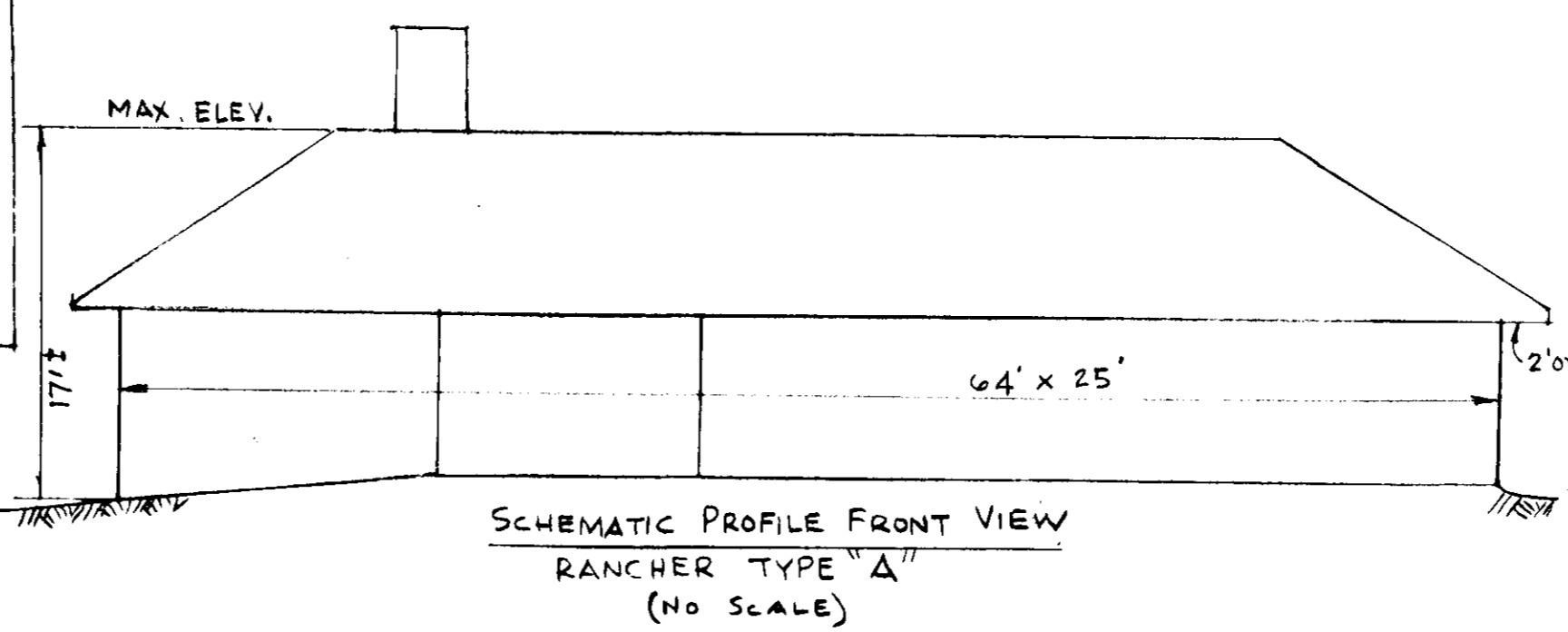
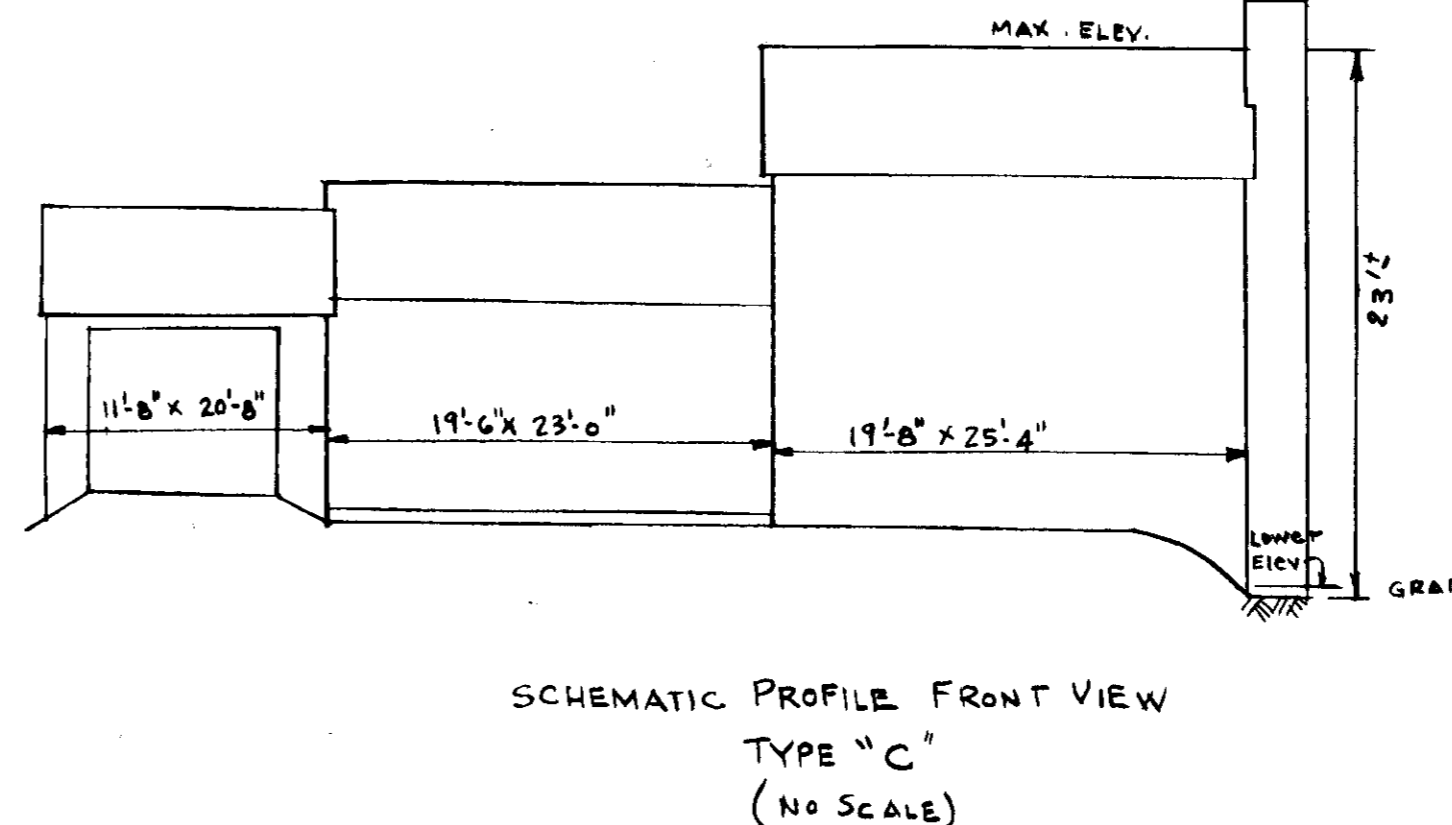


**DEVELOPER**  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
*Robert W. 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 SOIL CONSERVATION DISTRICT.  
*Howard W. Fleck* 4/13/75  
 P.E. #4647

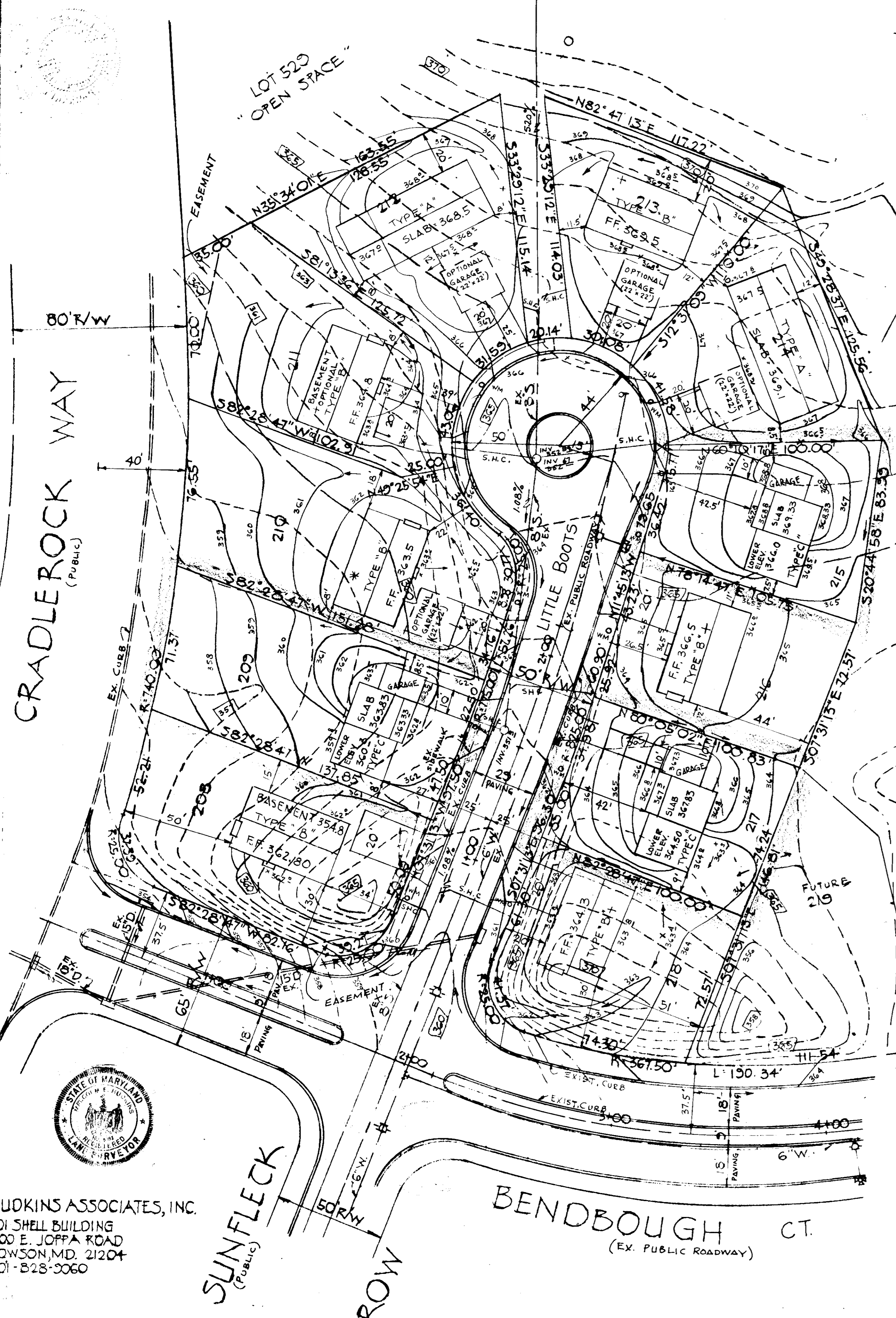


LOT 520 OPEN SPACE  
 VILLAGE OF OWEN BROWN  
 SECT. 4 AREA 1  
 PLAT BOOK 27-72  
 HOWARD RESEARCH & DEVELOPMENT CORP.  
 #62/408



- 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 31.2 AS PROVIDED IN HOWARD COUNTY ROAD CODE AND STANDARD SPECIFICATIONS.
  3. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C 31.3 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
  4. PORTION OF DRIVEWAY BETWEEN CURB & RIGHT OF WAY LINE SHALL BE MAINTAINED BY LAND OWNER OF LOT TO BE SERVED.
  5. ZONING: NEW TOWN SINGLE FAMILY 1.5 UNITS PER ACRE.
  6. TOTAL AREA OF LOTS: 0.55 AC. ±
  7. ANY DAMAGE TO RIGHT-OF-WAYS OR PAVING MUST BE CORRECTED AT DEVELOPER'S EXPENSE.

NOTE: REVISIONS TO THIS PLAN ARE CHANGES TO LOTS 209, 215 & 217.



REVIEWED FOR HOWARD COUNTY S.C.D. NAME AND MEETS TECHNICAL REQUIREMENTS  
*B. Wayne Ray* DATE 11-7-75  
 SIGNATURE  
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT OF HOWARD COUNTY, MARYLAND.  
 APPROVED *Robert W. Thomas* DATE 11/13/75  
 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  
*Thomas W. Thomas* 11/14/75  
 COUNTY HEALTH OFFICER DATE  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Thomas W. Thomas* 11-14-75  
 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  
*W. W. [Signature]* 11-14-75  
 DIRECTOR DATE  
*W. W. [Signature]* 11/13/75  
 CHIEF BUREAU OF HIGHWAYS DATE

**SITE DEVELOPMENT PLAN**  
 VILLAGE OF OWEN BROWN  
 SECTION 4, AREA 1  
 LOTS 209, 215 & 217  
 REVISION TO APPROVED SDP-75-103  
 PB 27 FOLIO 102  
**ELECTION DISTRICT 6**  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30' OCT 2, 1975  
 F.D.P. PHASE 146 A  
 PB 28/88  
 TAX MAP 36 PARCEL 387  
 DEVELOPER  
 HUDKINS ASSOCIATES, INC.  
 101 SHELL BUILDING  
 200 E. JOPPA ROAD  
 TOWSON, MD. 21204  
 301-328-9060  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 COLINER [Signature]



HUDKINS ASSOCIATES, INC.  
 101 SHELL BUILDING  
 200 E. JOPPA ROAD  
 TOWSON, MD. 21204  
 301-328-9060

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.

Howard Research & Development Corp. 6-13-75

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 Whelan 6/13/75 PE #1647

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 & LIME STONE 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 (75-90%/1000 SQ.FT.)
F. ANCHOR MULCH W/SPRAYED ASPHALT @ 0.1 GAL/SQ. YD.
TEMPORARY SEEDING & SEEDING NOTES FOR BERMS
1. SEED IMMEDIATELY UPON CONSTRUCTION WITH 1 LB. RYE GRASS PER 1000 SF.
2. APPLY 4G 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 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. SOIL
2. SEED & MULCH
AUG. 15 TO NOV. 1
1. SOIL
2. SEED & MULCH
NOV. 1 TO FEB. 1
1. SOIL - DELAY UNTIL NEXT PERIOD IF GROUND IS FROZEN
2. MULCH, ANCHOR, TOOL THEN SEED DURING NEXT SEED PERIOD.

SEDIMENT CONTROL NOTES

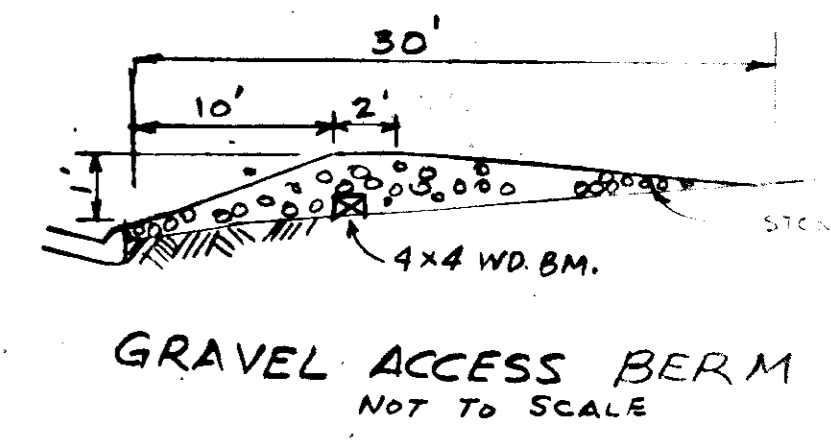
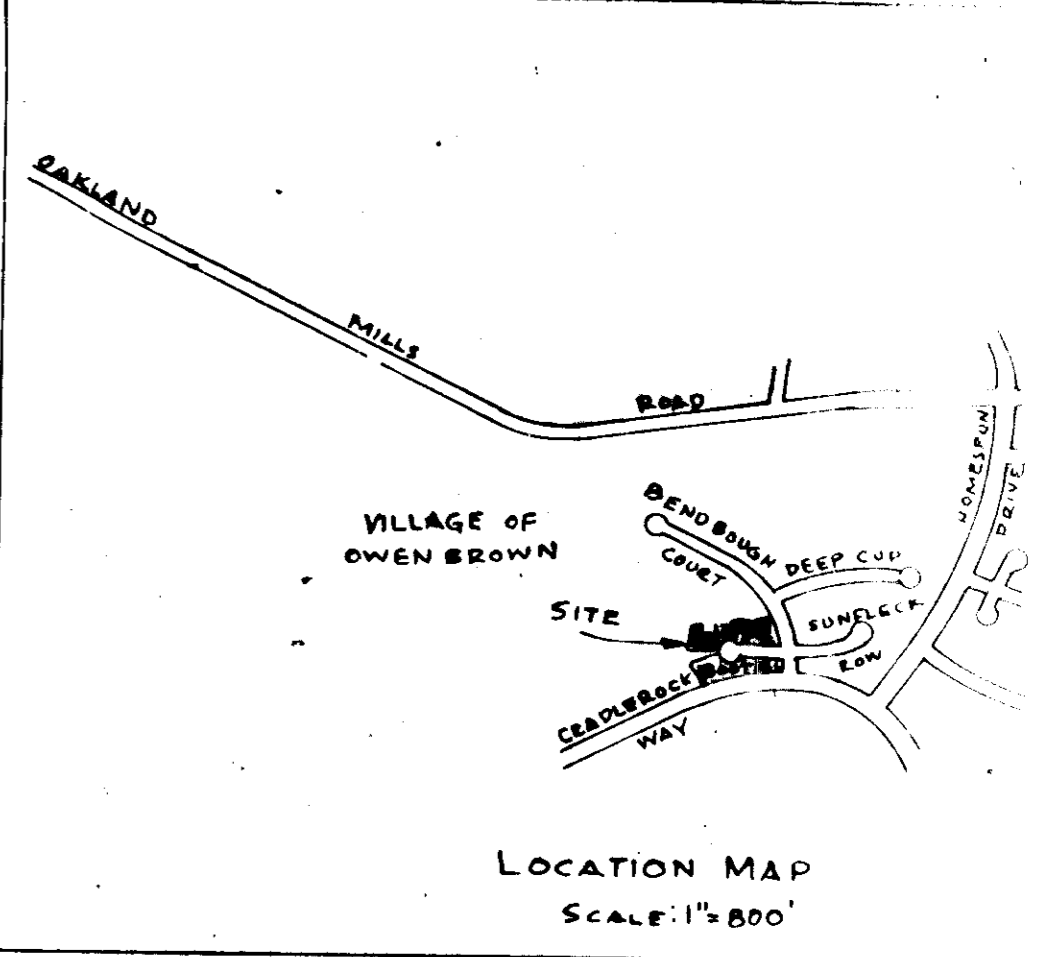
- 1. NOTIFY THE HOWARD CO. SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK. PHONE 465-5000 EXT 323 OR 465-3180
2. ALL SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.
3. STRUCTURAL MEASURES 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
2. STABILIZE WITH TEMPORARY SEEDING.
3. ROUGH GRADE SITE
4. STABILIZE BY PERMANENT OR TEMPORARY SEEDING.
5. AT COMPLETION OF CONSTRUCTION REMOVE ALL PERIMETER SEDIMENT CONTROL DEVICES & STABILIZE FOLLOWING PROCEDURES FOR PERMANENT SEEDING OR SODDING.

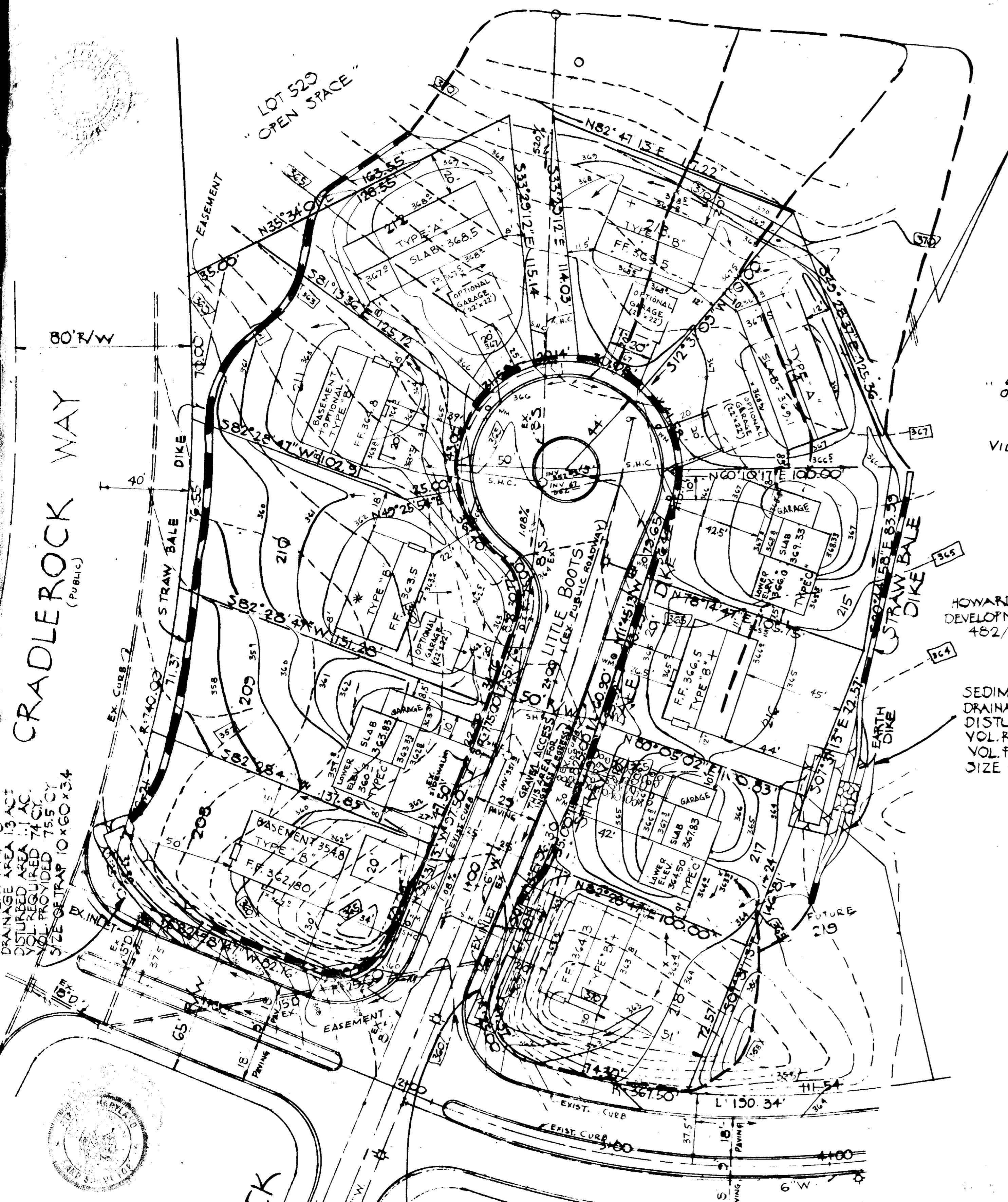
SITE ANALYSIS

Table with 2 columns: Description and Area. Includes rows for TOTAL AREA OF SITE (2.17 AC), TOTAL AREA TO BE DISTURBED (2.14 AC), TOTAL AREA OF ROOFS & PAVEMENT (0.56 AC), and TOTAL AREA TO BE VEGETATED; LEFT NATURAL (1.61 AC).



GENERAL NOTES

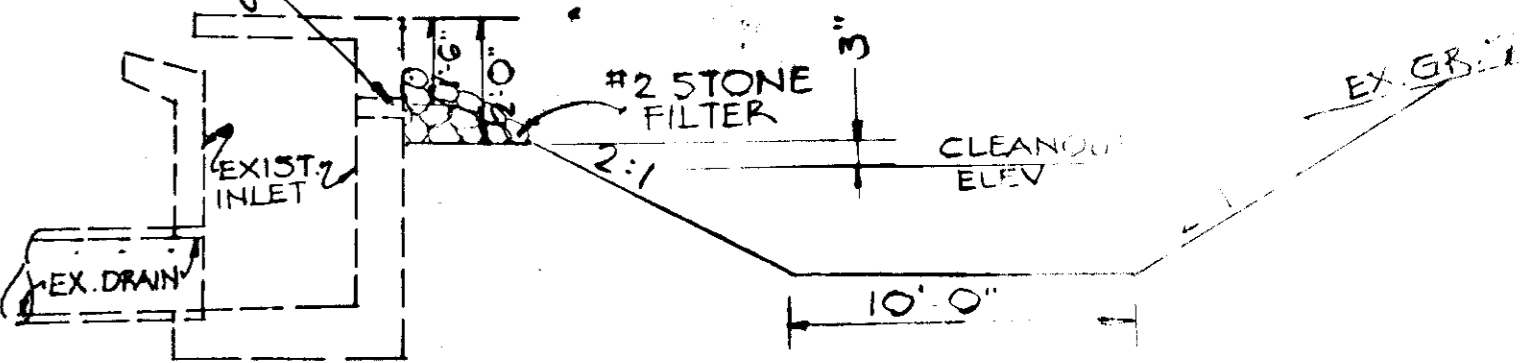
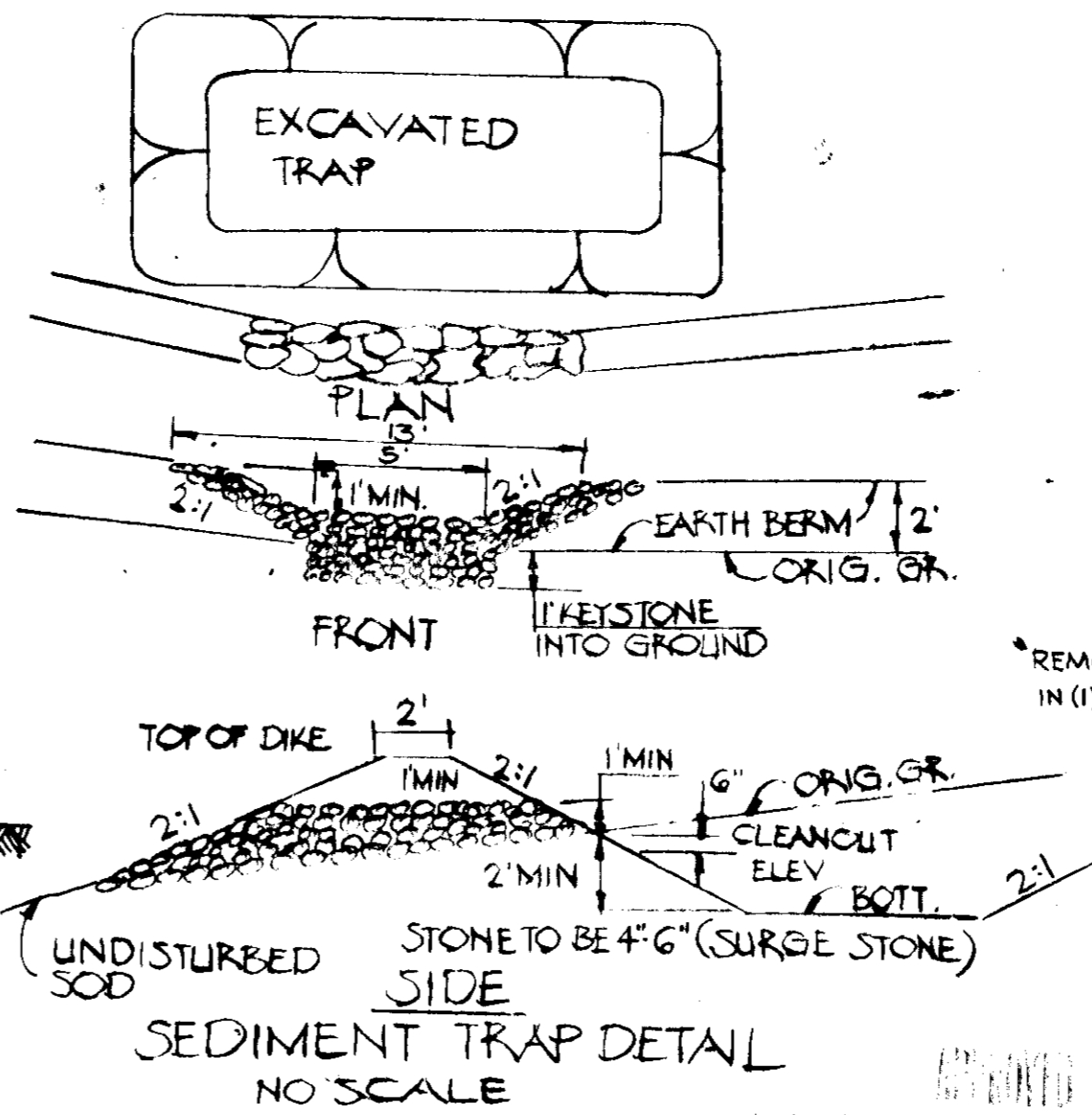
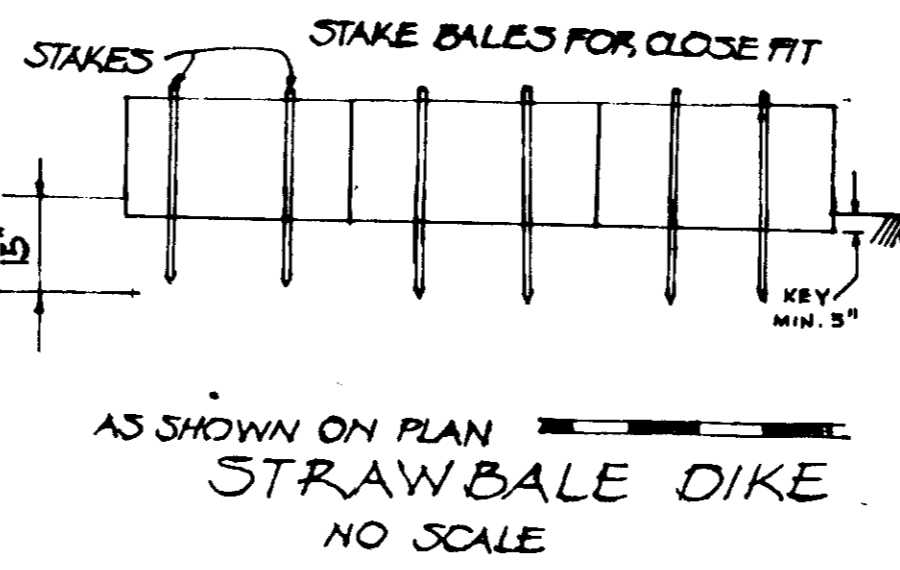
- 1. ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION 2.05.2 AS PROVIDED IN THE HOWARD COUNTY ROAD CODE AND STANDARD SPECIFICATIONS.
3. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION 2.05.2 IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
4. PORTION OF DRIVEWAY BETWEEN CURB & RIGHT OF WAY LINE SHALL BE MAINTAINED BY LAND OWNER OF LOT TO BE SERVED.
5. ZONING: NEW TOWN - SINGLE FAMILY MEDIUM DENSITY
6. TOTAL AREA OF LOTS: 0.55 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
Play Book 27-72

HOWARD RESEARCH & DEVELOPMENT CORP. 482/498'

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 HOWARD COUNTY HEALTH DEPARTMENT AND MEETS TECHNICAL REQUIREMENTS. C. Wagoner, PE, DATE 11-7-75. SIGNATURE. U.S. SOIL CONSERVATION SERVICE.

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. APPROVED DATE 11/17/75.

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

Approval stamps from Howard County Health Department, Planning Director, and Howard County Department of Public Works. Includes dates like 11/14/75 and 11/13/75.

DETAIL - SEDIMENT TRAP 2 & 3 NO SCALE

SEDIMENT CONTROL PLAN

VILLAGE OF OWEN BROWN SECTION 4, AREA 1 LOTS 209, 215 & 217 REVISION TO APPROVED SDR-75-109C

ELECTION DISTRICT 6 HOWARD COUNTY, MARYLAND SCALE: 1" = 30' OCT. 2, 1975

F.D.P. PHASE PB 26/88 TAX MAP 56 PARCEL 387 DEVELOPER OWEN BROWN SHEET 2 OF 2 DEVELOPMENT TECHNOLOGY, INC. 312 TEACHER BUILDING COLUMBIA, MD. 21044