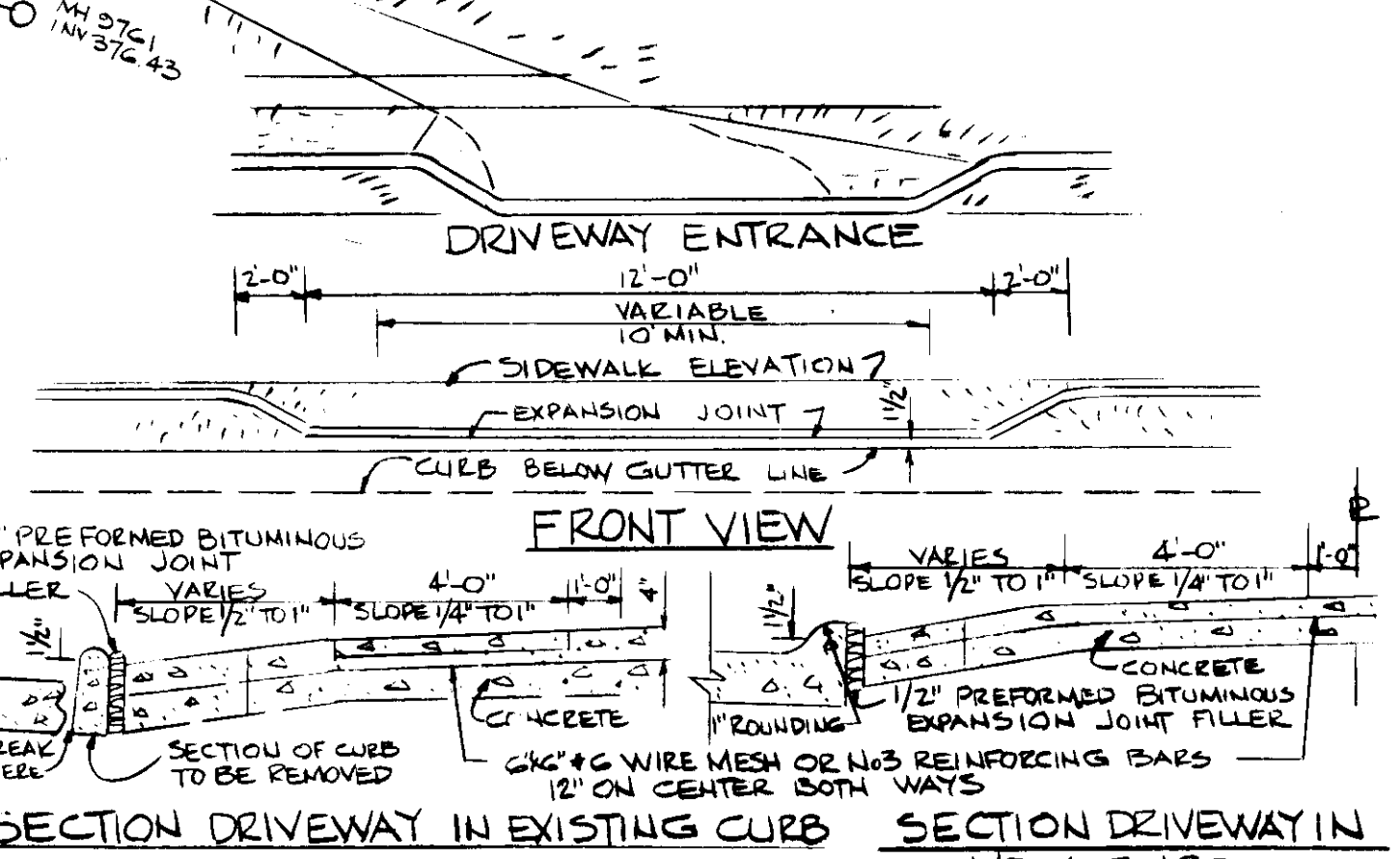
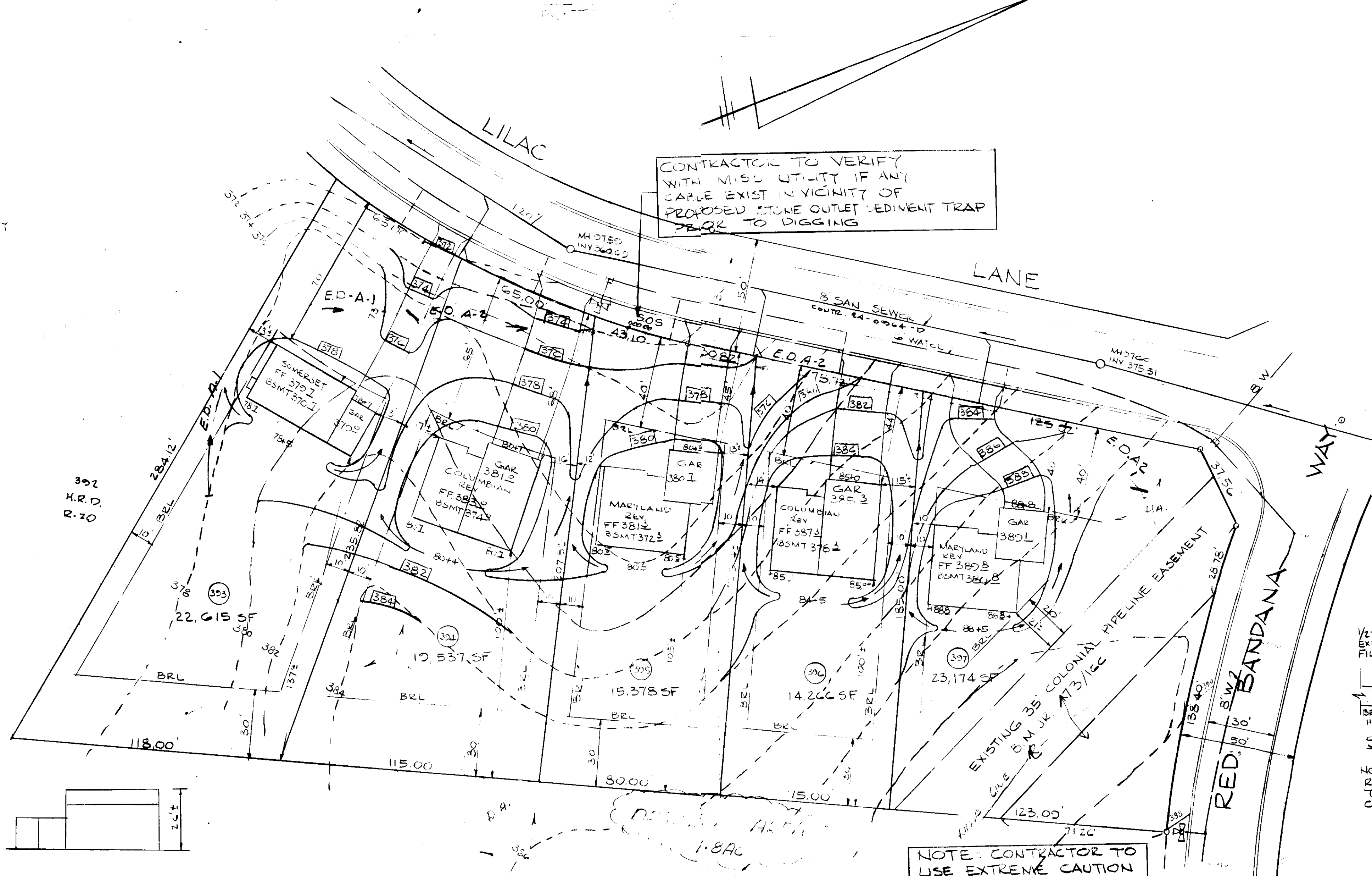
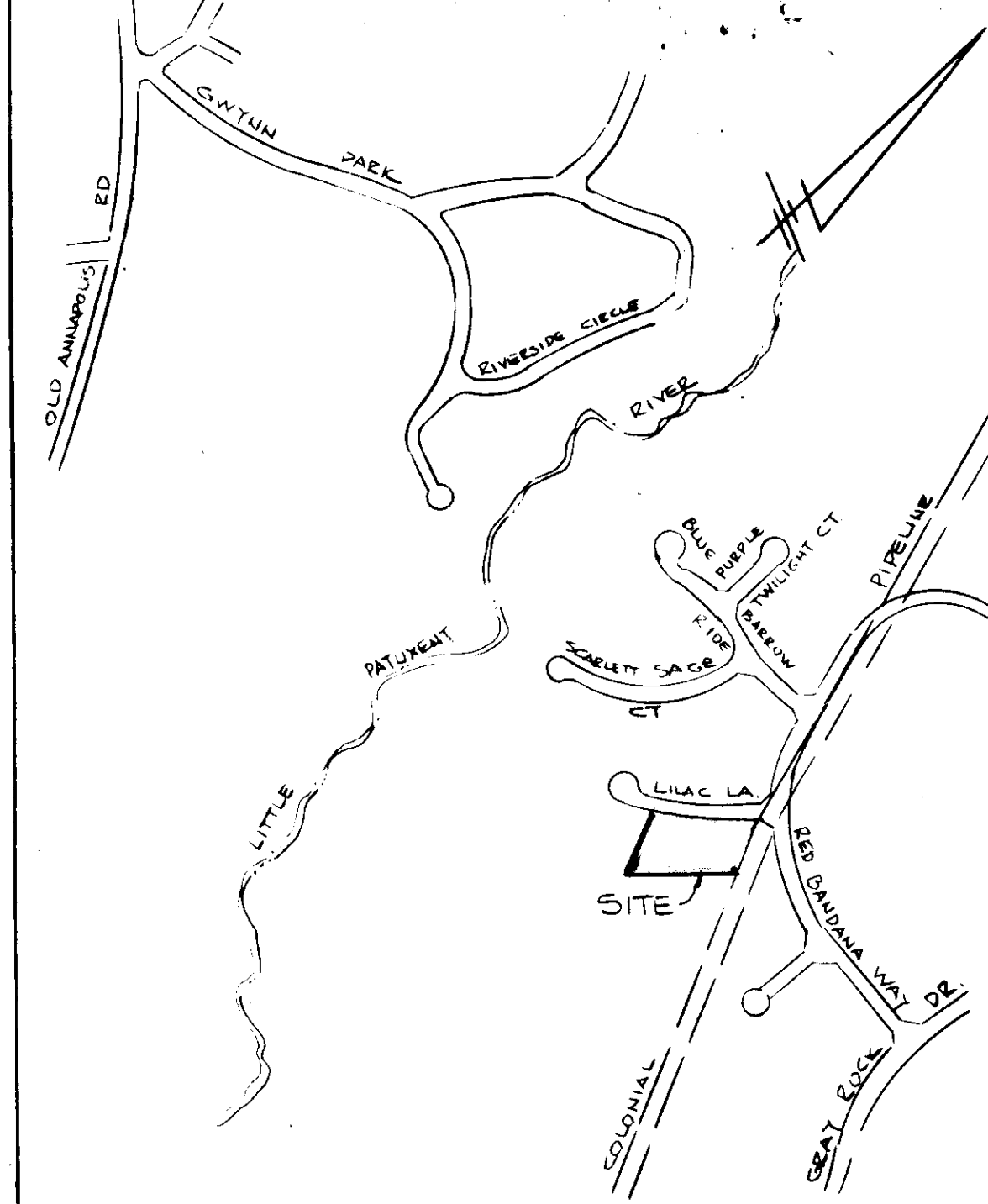


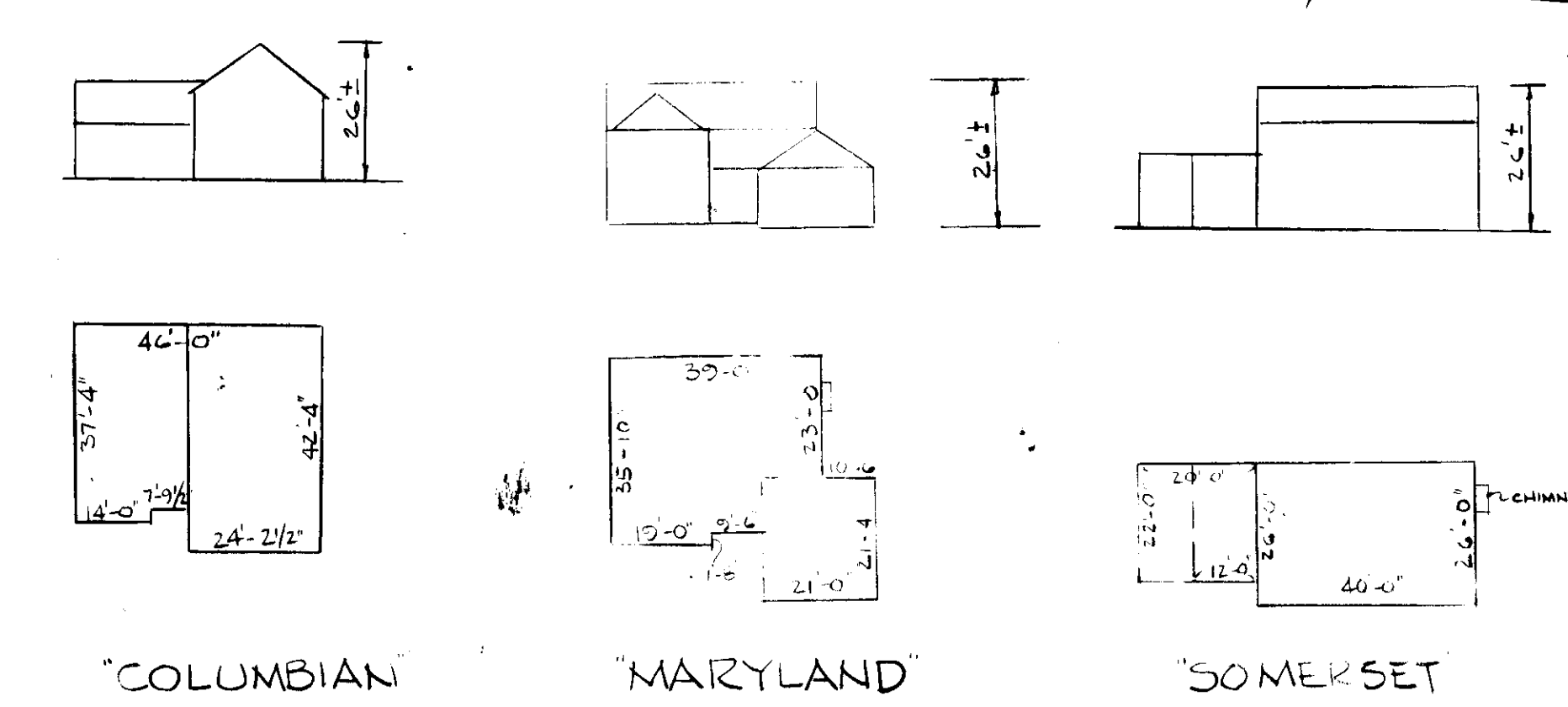
CONSTRUCTION SCHEDULE			
DESCRIPTION OF WORK	FROM DAY NO.	TO DAY NO.	TOTAL NO. DAYS
OBTAIN GRADING PERMIT	1	1	1
INSTALL SEDIMENT CONTROL DEV.	1	4	3
CLEARING & ROUGH GRADING	4	8	4
EXCAVATION FOR FOUNDATIONS	8	20	12
FOOTINGS & FOUNDATION WALLS	20	40	20
CONSTRUCT STRUCTURE	40	120	80
FINE GRADING	120	126	6
EFFECTIVE STABILIZATION	126	150	24

NOTE:  
 1. OBTAIN GRADING PERMIT  
 2. ADJUST CONSTRUCTION SCHEDULE DUE TO INCLEMENT WEATHER

3. APPROXIMATE STARTING DATE: NOV 28, 1984  
 4. STREET TREES ARE REQUIRED IN ACCORDANCE WITH SECTION 16.151 OF THE LAND DEVELOPMENT AND SUBDIVISION REGULATIONS. THE RESPONSIBILITY FOR PLANTING SHALL BE THE DEVELOPERS.  
 5. W.O.D. DENOTES WALK-OUT-DOOR IN BSMT.



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



NOTE: CONTRACTOR TO USE EXTREME CAUTION WHEN WORKING NEAR COLONIAL PIPELINE ESMT.

- SITE ANALYSIS**
1. PRESENT ZONING: R-20
  2. TOTAL NUMBER OF LOTS: 5
  3. TOTAL AREA OF LOTS: 94,970 SF OR 2.18 AC
  4. TOTAL AREA TO BE DISTURBED: 42,500 SF OR 1.14 AC
  5. TOTAL AREA TO BE REVEGETATED: 33,000 SF OR 0.76 AC

LOT No.	ADDRESS CHART
393	4251 LILAC LANE
394	4253 " "
395	4249 " "
396	4245 " "
397	4241 LILAC LANE

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 10-31-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*Thomas J. Smith* 12-10-84  
 PLANNING DIRECTOR DATE  
*John M. ...* 12-10-84  
 CHIEF DIVISION OF LAND DEVELOP. & ZONING ADMIN. DATE  
 APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
*Joyan Boyd* 12-7-84  
 COUNTY HEALTH OFFICER DATE  
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE  
 SYSTEMS, & PUBLIC ROADS, HOWARD COUNTY DEPT. OF PUBLIC WORKS.  
*Mark E. ...* 11-30-84  
 DIRECTOR DATE  
*William R. ...* 11-29-84  
 CHIEF 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.

*[Signature]* 10/2/84  
 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.

*[Signature]* 10/2/84  
 SIGNATURE DATE

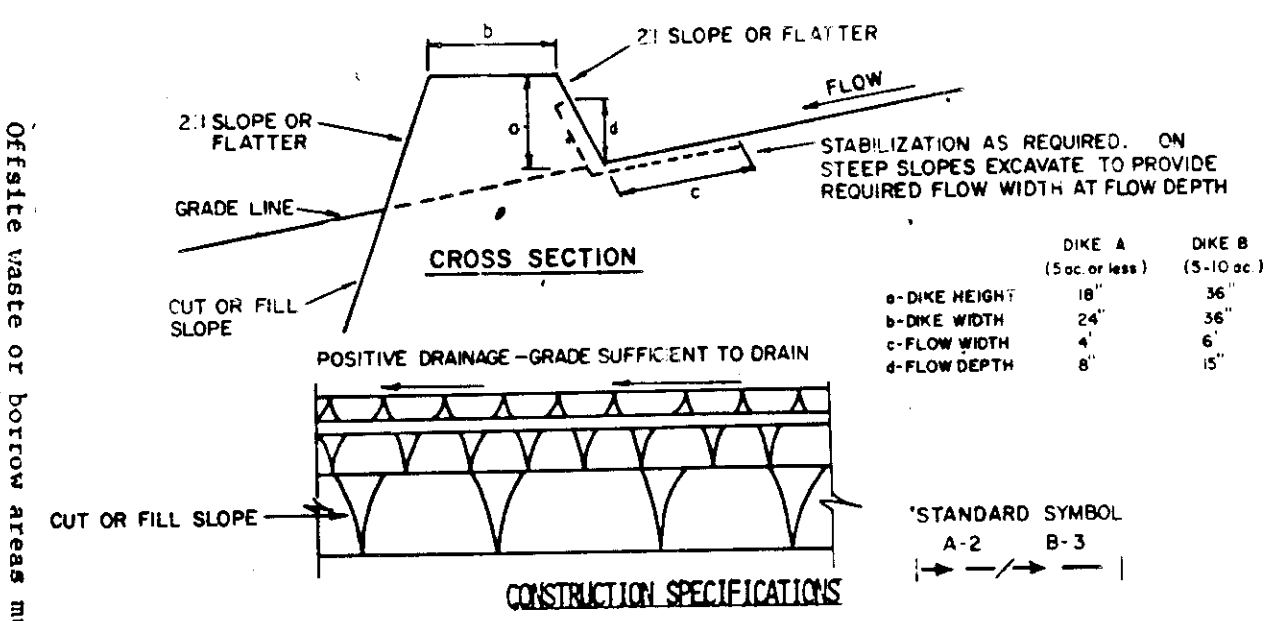
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS  
*[Signature]* 11-27-84  
 U.S. SOIL CONSERVATION SERVICE DATE  
 APPROVED FOR SOIL EROSION & SEDIMENT CONTROL, HOWARD SOIL CONSERVATION DISTRICT  
*[Signature]* 11/27/84  
 SIGNATURE DATE  
 OWNER & DEVELOPER  
 CONSOLIDATED HOME BUILDING CORP.  
 SUITE 116 GORMAN PLAZA BLDG  
 8950 ROUTE 105  
 COLUMBIA, MARYLAND 21045  
 SURVEYORS & ENGINEERS  
 HUDKINS ASSOCIATES INC.  
 231 JOSEPH SQUARE  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044

SUBDIVISION NAME: DORSEY HALL  
 PLAT # OR L/F: 4873  
 WATER CODE: R-08  
 SECT./ACRES: 1/5  
 LOT/PARCEL: 5/301  
 TAX/ZONING: 24  
 ELECTION DISTRICT: 20  
 JURISDICTION: 0889.01  
 SERVICE CODE: 5830000

SITE DEVELOPMENT PLAN AND SEDIMENT CONTROL PLAN  
 LOTS 393, 394, 395, 396, 397  
 DORSEY HALL  
 SECTION 1 AREA 5  
 2ND ELECTION DISTRICT, HOWARD CO., MD  
 SCALE: 1" = 30'  
 sdp-85-64 AUG. 30 1984



**EARTH DIKE**



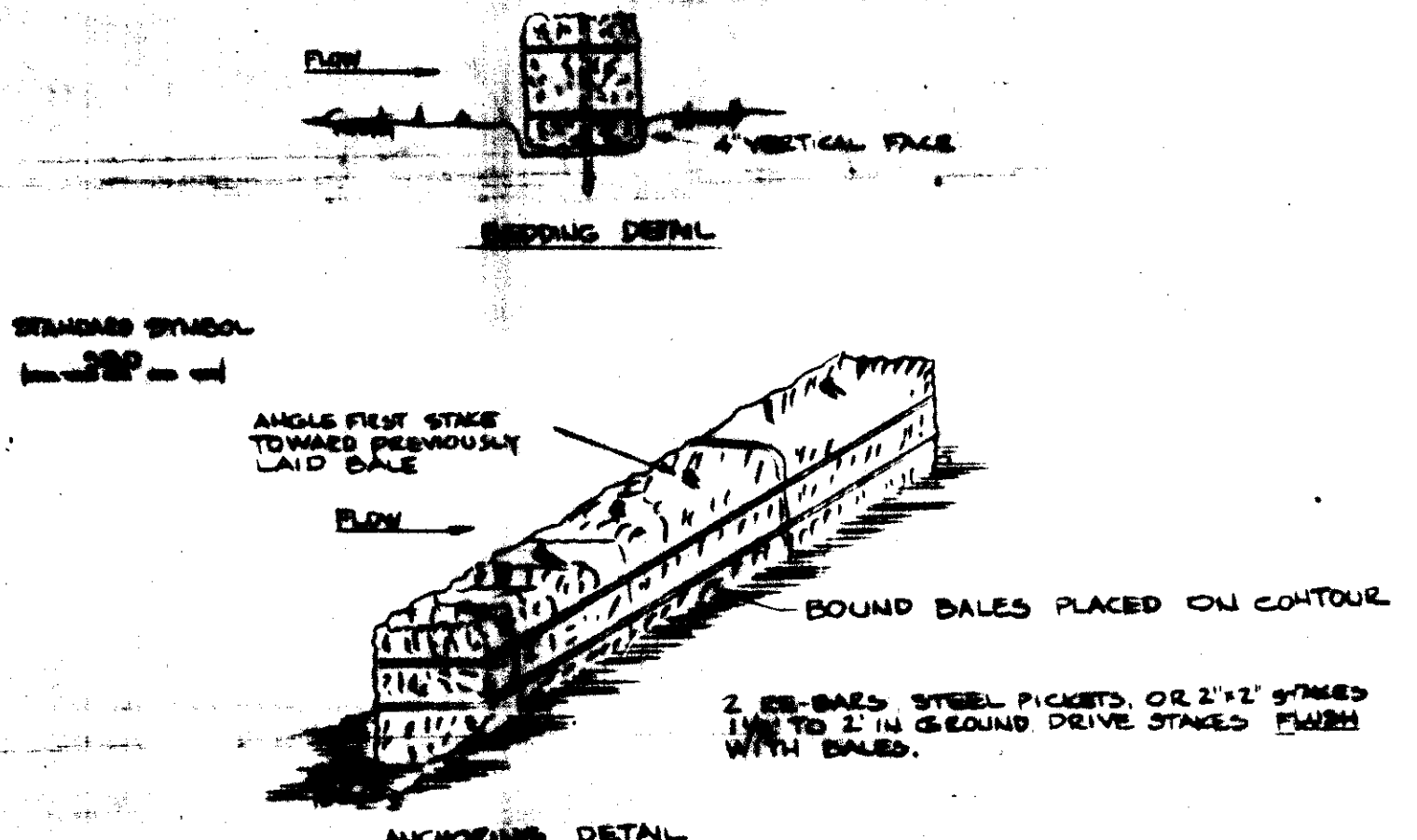
- CONSTRUCTION SPECIFICATIONS**
- ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
  - ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
  - TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
  - EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RAINFALL SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
  - STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON; (B) FLOW CHANNEL AS PER THE CHART BELOW.

**FLOW CHANNEL STABILIZATION**

TYPE OF TREATMENT	CHANNEL SLOPE	DIKE A	DIKE B
1	5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE, OR EXCELSTOR; SOO; 2" STONE
3	5.1-8.0%	SEED WITH JUTE, OR SOO; 2" STONE	LINED RIP-RAP 4-8"
4	8.1-20%	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

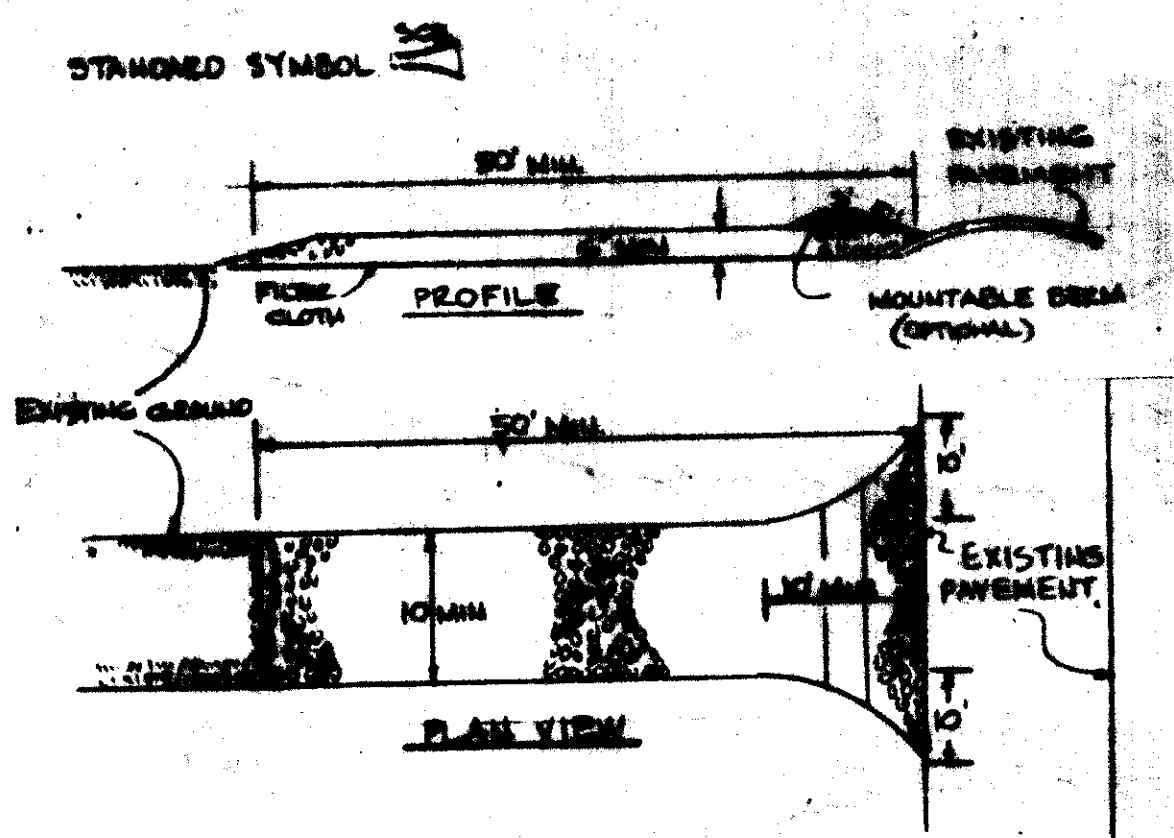
- STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
  - RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE SOIL.
  - APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
7. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

**STRAW BALE DIKE**



- CONSTRUCTION SPECIFICATIONS**
- BALES SHALL BE PLACED AT THE TOP OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
  - EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 6 INCHES, AND PLACED SO THE ENDINGS ARE HORIZONTAL.
  - BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR 2x2 BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
  - INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
  - BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.

**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS**
- STONE CURB - USE 2" STONE OR RECYCLED OR RECYCLED CONCRETE EQUIVALENT.
  - LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE SIDEWALK NOT LESS THAN 30 FEET MINIMUM LENGTH WOULD APPLY).
  - THICKNESS - NOT LESS THAN 3 1/2 (6) INCHES.
  - WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH OF THE DRIVE WHERE INGRESS OR EGRESS OCCURS.
  - ANCHORING - WILL BE PLACED OVER THE ENTIRE AREA FROM THE PLACING OF STONE CURB TO THE END OF THE DRIVE.
  - STONE CURB WILL NOT BE BURNISHED ON A SINGLE FINISH EXCEPT FOR CURB TOP SURFACE WATER FLOWING OR STANDING FORWARD.
  - CONSTRUCTION MATERIALS SHALL BE PILED AWAY FROM THE ENTRANCE. IF PILING IS IMPRACTICAL, A MOUNTABLE BEAM WITH 3:1 SLOPES WILL BE PERMITTED.
  - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRUCKS OR PLOWS OF SEDIMENT INTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH APPROPRIATE GRADES AS COMBINATION REPAIRS AND REPAIRS WITHOUT OF ANY MATERIALS USED TO REPAIR MUST BE ALL SEDIMENT SPILLS, DISPOSED, WASHED OR TRACED OUT OF PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
  - WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO EXITING INTO PUBLIC RIGHTS-OF-WAY. 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.

**PERMANENT SEEDING NOTES**

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:  
**SEEDBED PREPARATION:** LOOSEN UPPER 3 INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.  
**SOIL AMENDMENTS:** APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (84 LBS/1000 S.F.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (84 LBS/1000 S.F.), HARROW OR DISC LIME AND FERTILIZER INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE (9.2 LBS/1000 S.F.) OF 38-0-0 UREA FORM FERTILIZER AND 500 LBS. PER ACRE (11.5 LBS/1000 S.F.) OF 16-20-20 FERTILIZER.  
**SEEDING:** FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (14 LBS/1000 S.F.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY THRU JULY 31 SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.5 LBS/1000 SF) 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/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TON/ACRE WELL ANCHORED STEAM.  
**MULCHING:** APPLY 1/2 TO 2 TONS PER ACRE (70 TO 20 LBS/1000 SF) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GALLONS/1,000 SF) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPE 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GALLONS/1,000 SF) FOR ANCHORING.  
**MAINTENANCE:** INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

**TEMPORARY SEEDING NOTES**

**SEEDBED PREPARATION:** LOOSEN UPPER 3 INCHES BY DISCING, RAKING, OR OTHER ACCEPTABLE MEANS.  
**SOIL AMENDMENTS:** APPLY 600 LBS PER ACRE (15 LBS/1000 S.F.) OF 16-20-10 FERTILIZER.  
**SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 15 THRU NOV. 15, SEED WITH 2 1/2 BUSHELS PER ACRE (3.2 LBS/1000 SF) OF ANNUAL RYE. FOR THE PERIOD MAY 1 THRU AUGUST 14 SEED WITH 3 LBS/ACRE (9.07 LBS/1000 S.F.) OF WEEPING LOVEGRASS.  
**MULCHING:** APPLY 1/2 TO 2 TONS PER ACRE (70 TO 20 LBS/1000 SF) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLON PER ACRE (5 GALLONS/1,000 SF) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPE 8 FEET OR HIGHER USE 348 GALLONS PER ACRE (8 GALLONS/1,000 SF) FOR ANCHORING.

**GENERAL NOTES:**

- REFER TO USDA SOIL CONSERVATION SERVICE "STANDARDS & SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL IN DEVELOPING AREAS" FOR STANDARD DETAILS & DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN.
- WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, MINOR FIELD ADJUSTMENTS CAN & WILL BE MADE TO INSURE THE CONTROL OF ANY SEDIMENT CHANGES IN SEDIMENT CONTROL PRACTICES REQUIRED PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR.
- AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL PRACTICES SHALL BE INSPECTED & LEFT IN OPERATIONAL CONDITION.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within:
  - Seven calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1.
  - Fourteen days as to all other disturbed or graded areas on the project site.
- ANY CHANGE TO THE GRADING ON THIS PLAN REQUIRES SUBMISSION FOR APPROVAL.
- SEDIMENT CONTROL SHALL BE PROVIDED FOR ALL DISTURBED AREAS (REFER TO USDA SOIL CONSERVATION SERVICE "STANDARDS & SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" PP. G2.01, G2.02 FOR ACCEPTABLE METHOD & SPECIFICATIONS FOR DUST CONTROL.
- ANY VARIATIONS FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR & THE HOWARD CO. SOIL CONSERVATION DISTRICT PRIOR TO THE INITIATION OF THE CHANGE.

**FENCING NOTE**

ALL sediment traps shall be fenced and marked with orange flags and (3) 4x4 posts with 1/2" diameter wire. (3) 4x4 posts shall be placed at each end of the trap.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 [Signature] 12-10-84  
 PLANNING DIRECTOR  
 [Signature] 12-10-84  
 CHIEF DIVISION OF LAND DEVELOP. & ZONING ADMIN.  
 APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT.  
 [Signature] 12-7-84  
 HEALTH OFFICER  
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS, & PUBLIC ROADS. HOWARD COUNTY DEPT. OF PUBLIC WORKS.  
 [Signature] 11-30-84  
 DIRECTOR  
 [Signature] 11-29-84  
 CHIEF, BUREAU OF ENGINEERING

**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 ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.  
 [Signature] 12/1/84  
 SIGNATURE DATE

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 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] 12/1/84  
 SIGNATURE DATE



REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT MEETS TECHNICAL REQUIREMENTS  
 [Signature] 11-27-84  
 U.S. SOIL CONSERVATION SERVICE DATE  
 APPROVED FOR SOIL EROSION & SEDIMENT CONTROL, HOWARD SOIL CONSERVATION DISTRICT.  
 [Signature] 11/27/84  
 SIGNATURE DATE  
 OWNER & DEVELOPER  
 CONSOLIDATED HOME BUILDING CORP.  
 SUITE 10 GORMAN PLAZA BLDG  
 3050 ROUTE 108  
 COLUMBIA, MARYLAND 21045  
 SURVEYORS & ENGINEERS  
 HOOKINS ASSOCIATES INC.  
 231 JOSEPH SQUARE  
 5488 HARPER'S FARM ROAD  
 COLUMBIA, MARYLAND 21044

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 10-31-84  
 [Signature]  
 SITE DEVELOPMENT PLAN AND SEDIMENT CONTROL PLAN  
 LOTS 393, 394, 395, 396 & 397  
 DORSEY HALL  
 SECTION 1 AREA 5  
 2ND ELECTION DISTRICT, HOWARD CO., M.D.  
 SCALE: 1"=50' 8/2/84  
 SH 20FZ