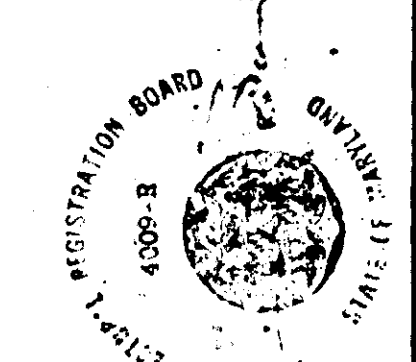


**DANIEL V. JACOBS**  
REGISTERED PROFESSIONAL ENGINEER  
1-17-80  
REV. 11-80  
H.C. 15-80  
LETTER JUDITH



HOWARD COUNTY ARCHITECTS  
1919 E. Royalton Road  
Cleveland, Ohio 44147

- GENERAL NOTES:**
- 1) TOTAL AREA INCLUDED IN THIS PLAN IS 5.689 ACRES.
  - 2) ANY DAMAGE TO COUNTY OWNED RIGHT OF WAY SHALL BE CORRECTED AT THE GENERAL CONTRACTORS' EXPENSE.
  - 3) MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE.
  - 4) FOR CURB AND PAVEMENT LAYOUT AND RADII AND FOR HANDICAP PARKING, SEE DRAWING A2 OF 4.
  - 5) FOR ON SITE SANITARY AND WATER PIPING ON SITE SYSTEMS AND DATA SEE DWG. ME-1.
  - 6) FOR FIRE HYDRANT, GREASE TRAP, ETC. ALSO SEE ME-1.
  - 7) FOR HANDICAP SIDEWALK RAMP SEE AR.
  - 8) FOR DRAINAGE SYSTEM PROFILES SEE SDP.

**APPROVED:** For public water, public sewerage and storm drainage systems and roads  
**HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS**  
*Steve F. Neman* 4-7-80  
 DIRECTOR DATE  
*W. J. Stent* 2-6-80  
 CHIEF, BUREAU OF ENGINEERING DATE

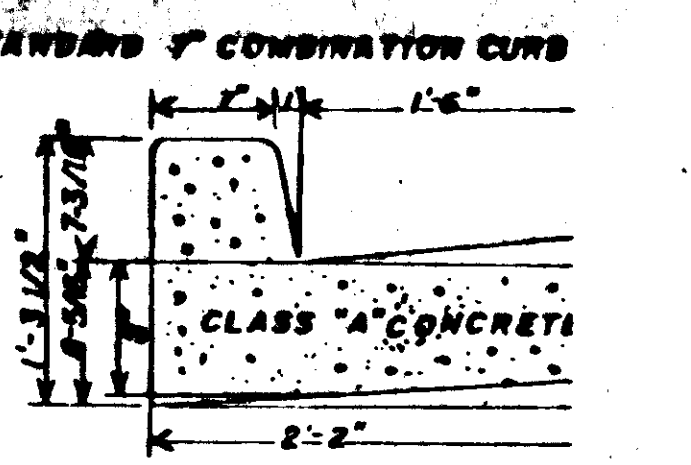
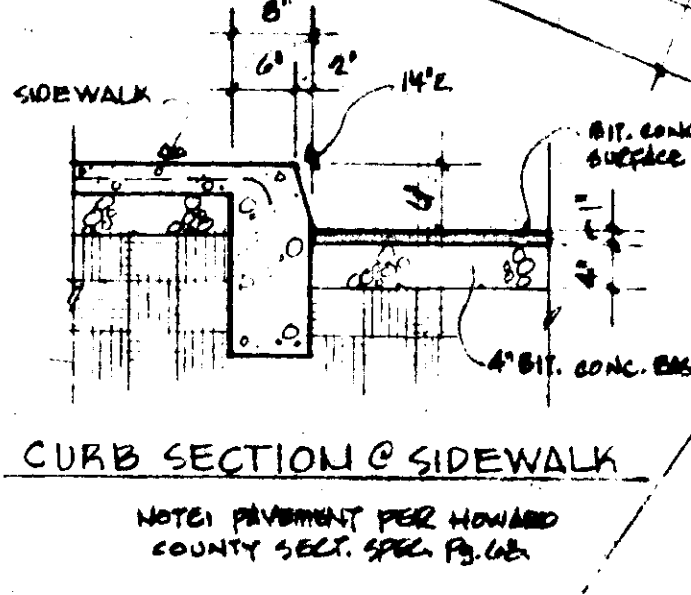
**APPROVED:** For public water and public sewerage systems  
**HOWARD COUNTY HEALTH DEPARTMENT**  
*Joselyn Rogers* 2-11-80  
 COUNTY HEALTH OFFICER DATE

**APPROVED:** Howard County Office of Planning and Zoning  
*Thomas J. Harlow* 2-11-80  
 PLANNING DIRECTOR DATE  
*Robert M. ...* 2-11-80  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

NO.	PAL.	Δ	ARC	Δ	CHORD	CHORD	L
1	174.17	15° 10' 22"	207.04	153.15	234.70	1144' 4" 41" W	46.70
2	350.22	57° 2' 53"	329.21	133.35	221.25	118° 45' 55" W	201.90
3	715.00	25° 30' 00"	324.67	144.05	320.01	100° 15' 00" W	921.67
4	1050.00	11° 00' 00"	201.54	101.10	201.28	82° 30' 00" W	401.54

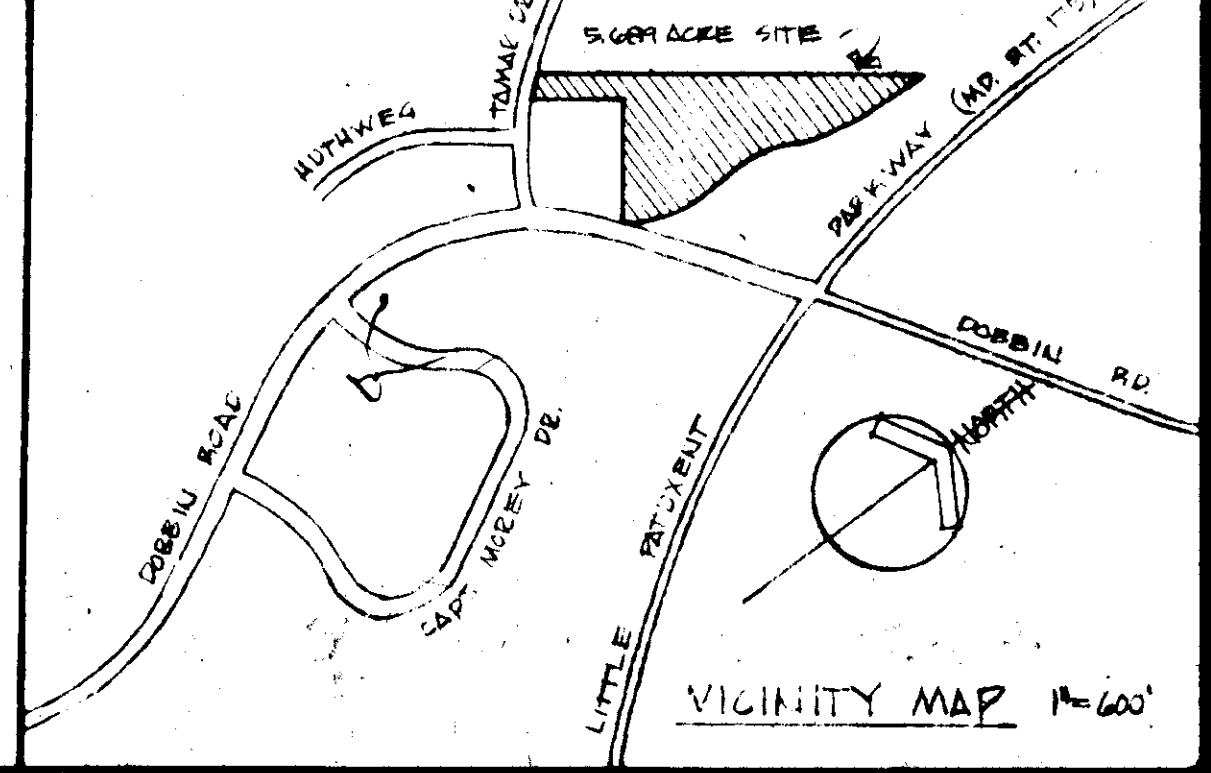
- LEGEND**
- INDICATES PREVIOUS GRADE CONTOURS.
  - INDICATES FINAL GRADE CONTOURS, EXISTING TO ±6" WITHIN CONTRACT LIMITS.
  - INDICATES 16" H. PARKING LOT LIGHT FIXTURE (SINGLE HEAD)
  - INDICATES 16" H. PARKING LOT LIGHT FIXTURE (TWIN HEAD)
  - INDICATES 8" H. DECORATIVE POLE LIGHT
  - INDICATES SOIL BAKING LOCATION.
  - INDICATES 3RD GRADE ELEVATIONS
  - DRAINAGE SHED LINE

SCALE: 1"=50'  
**LIPPINCOTT ENGINEERING ASSOCIATES**  
 CONSULTING ENGINEERS  
 801 BURLINGTON AVE. DELAWARE, NEW JERSEY 08078



**SITE DATA**  
 ZONING: FDP-132-A  
 EMPLOYMENT CENTER, COMMERCIAL  
 OPEN SPACE: 62% = 153,600 SF

**BUILDING DATA**  
 RESTAURANT BUILDING SINGLE STORY 20 W.  
 TOTAL FLOOR AREA - 7,100 SQ. FT.  
 TOTAL SEATING - 204 SEATS  
 TOTAL EMPLOYEES - 65 PERSONS



76-017

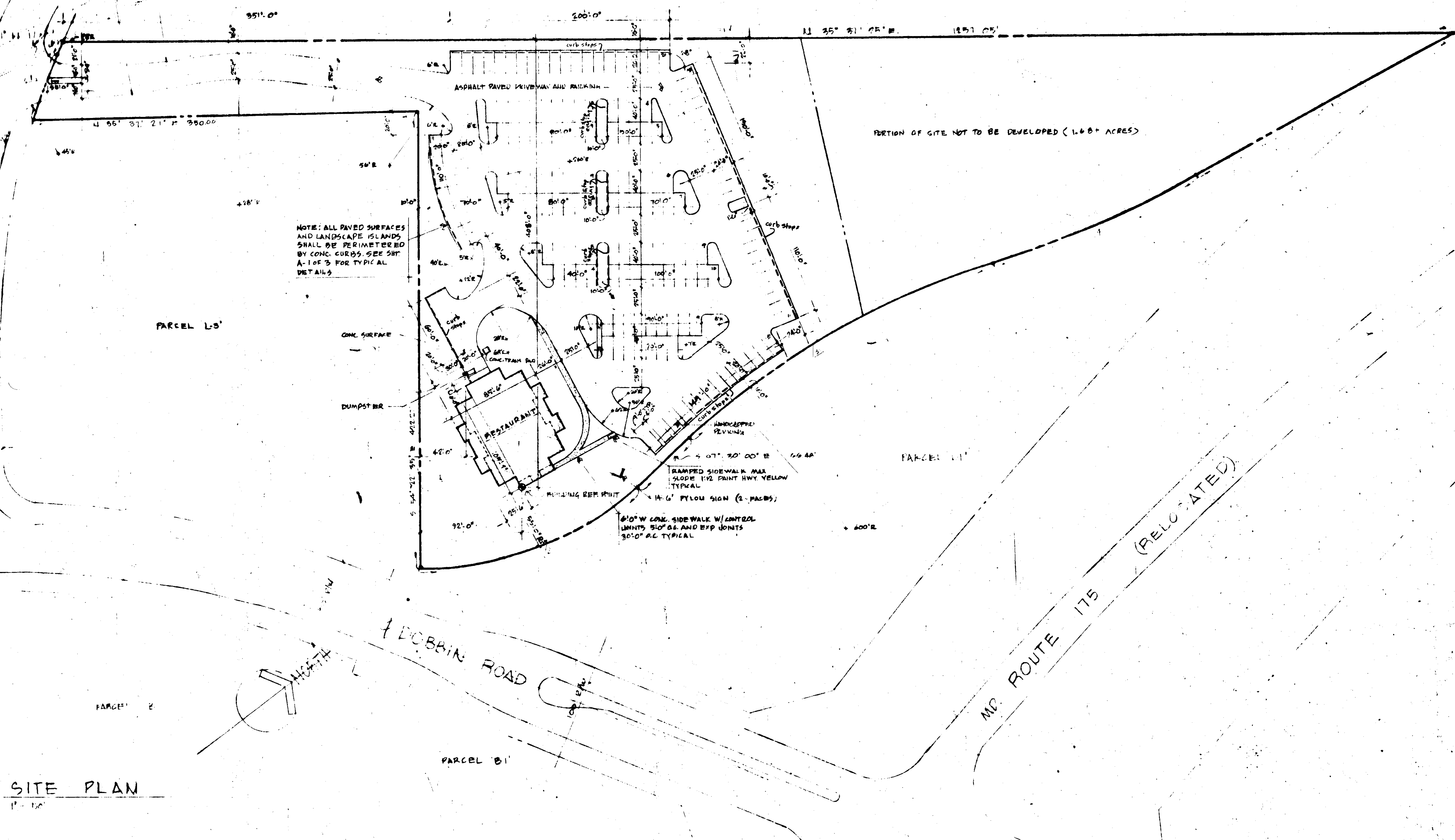
DATE OF RECORD PLAN SUBMISSION 5/11/80  
 DATE OF SUBMITTAL TO DEPT. OF HOWARD COUNTY, OHIO 4/11/80  
 DATE OF PLAN REVIEW 4/11/80

SCALE AS NOTED  
 SHEET NO. 1 OF 5

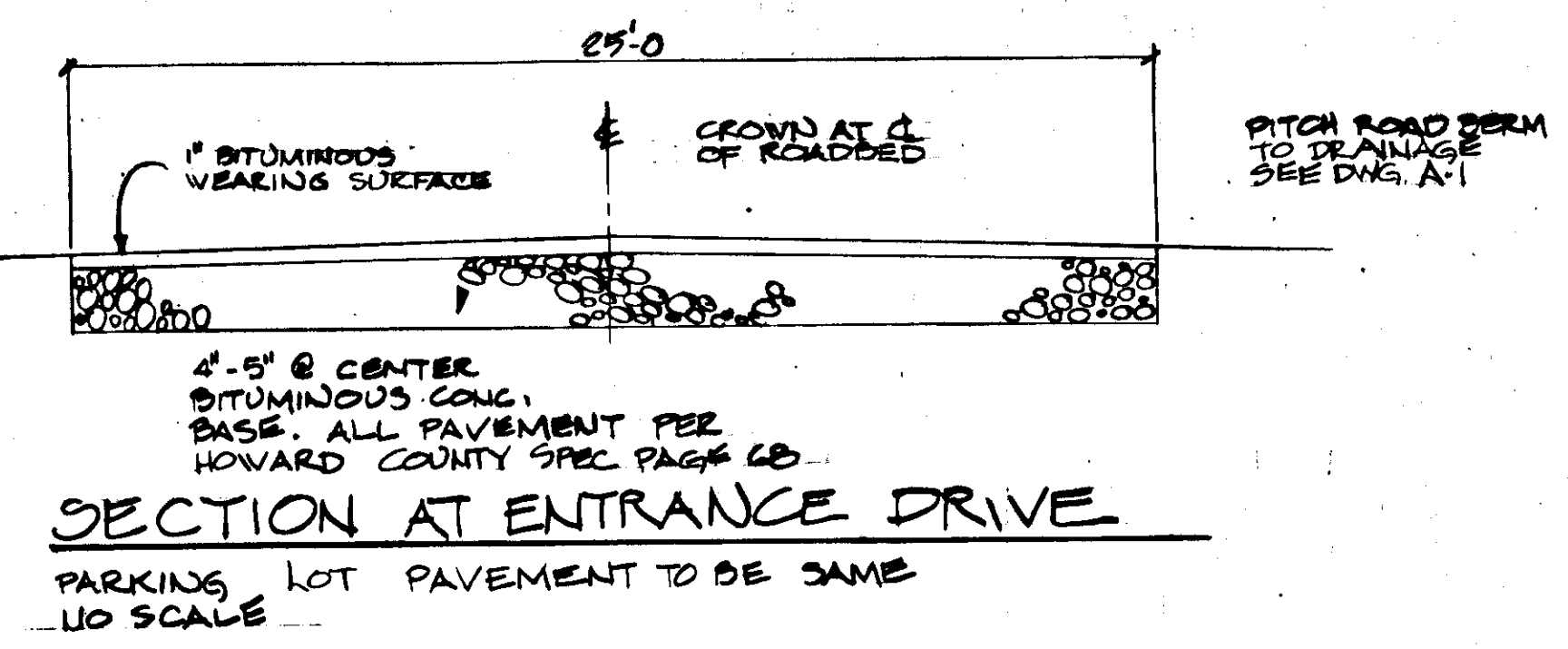


CONTRACTOR TO REMOVE EXISTING CURB AND CONTOUR NEW DRIVE SURFACE TO MATCH EXISTING ROAD. NEW CONC. CURBS SHALL BE BUILT TO BLEND INTO EXISTING CURB PROFILE

NOTE: ALL PAVED SURFACES AND LANDSCAPE ISLANDS SHALL BE PERIMETERED BY CONC. CURBS. SEE SHIT A-1 OF 3 FOR TYPICAL DETAILS



SITE PLAN



APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 10-24-79  
JMM

APPROVED: For public water, public sewerage and storm drainage systems and roads	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>Geoff F. Newman</i> DIRECTOR	2-7-80 DATE
<i>W. J. Albert</i> CHIEF, BUREAU OF ENGINEERING	2-6-80 DATE
APPROVED: For public water and public sewerage systems	
HOWARD COUNTY HEALTH DEPARTMENT	
<i>Joseph B. Jones</i> COUNTY HEALTH OFFICER	2-11-80 DATE
APPROVED: Howard County Office of Planning and Zoning	
<i>Thomas L. Haring Jr.</i> PLANNING DIRECTOR	2-11-80 DATE
<i>William W. ...</i> CHIEF, DIVISION OF LAND DEVELOPMENT	2-11-80 DATE

1-7-80  
REV. IN ACCORDANCE WITH HOWARD COUNTY ORD. 17-20  
DATE 1-7-80  
JMM

DANIEL W. JACOBS  
PROFESSIONAL ENGINEER  
MD. LIC. #9648



POWERER ROBINSON ARCHITECTS  
1929 E. Royalton Road  
Cleveland, Ohio 44174

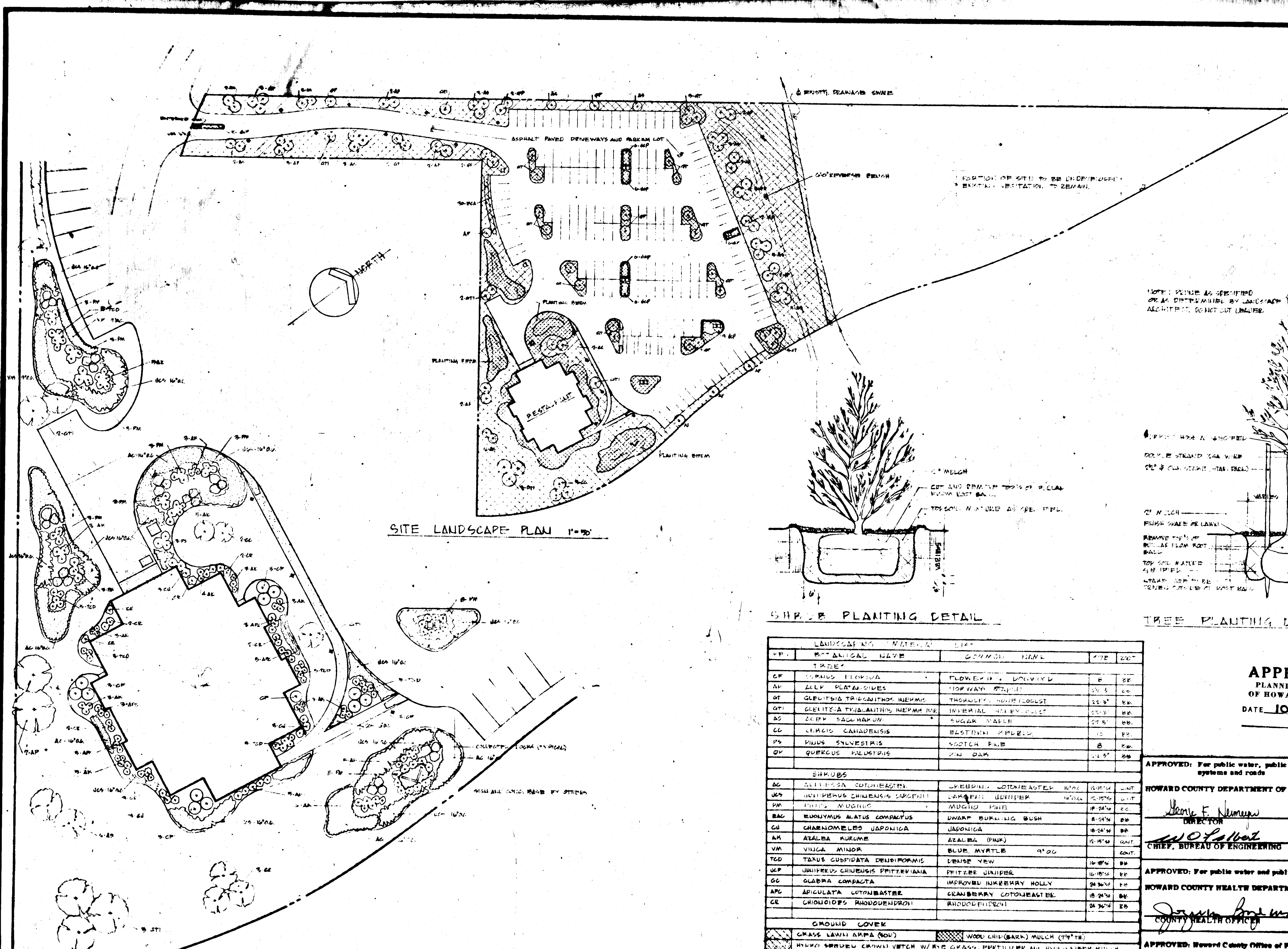
70-017

DESIGN OF RESTAURANT FACILITIES  
• DESIGN OF RESTAURANT FACILITIES #4170  
• DESIGN OF RESTAURANT FACILITIES #4170  
• DESIGN OF RESTAURANT FACILITIES #4170

SITE PLAN FOR RESTAURANT FACILITIES  
HARRIS TRAIL INC., RESTAURANT FACILITIES  
HARRIS TRAIL INC., RESTAURANT FACILITIES  
HARRIS TRAIL INC., RESTAURANT FACILITIES

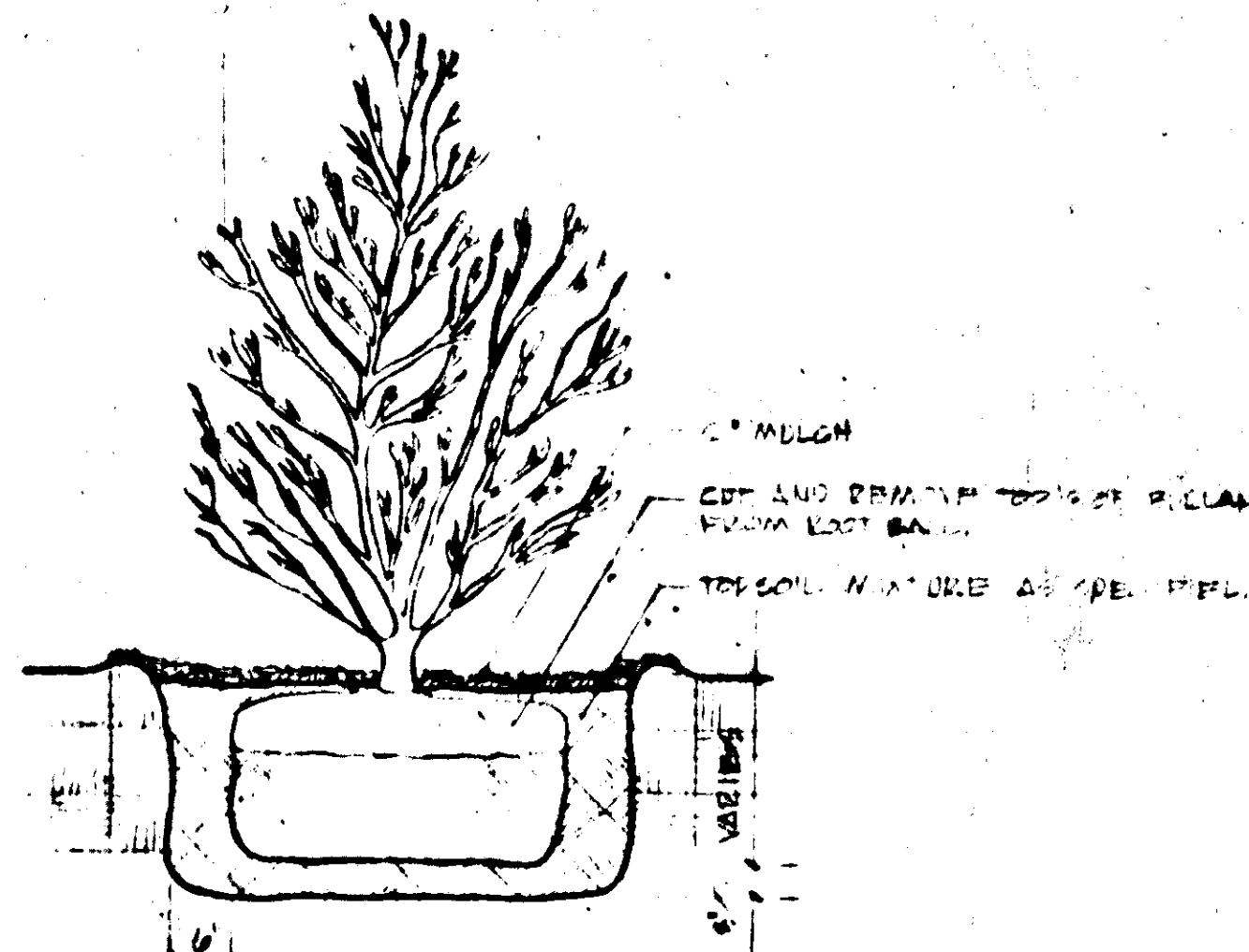
MR. WASHINGTON  
MR. WASHINGTON  
MR. WASHINGTON

A2 of 5



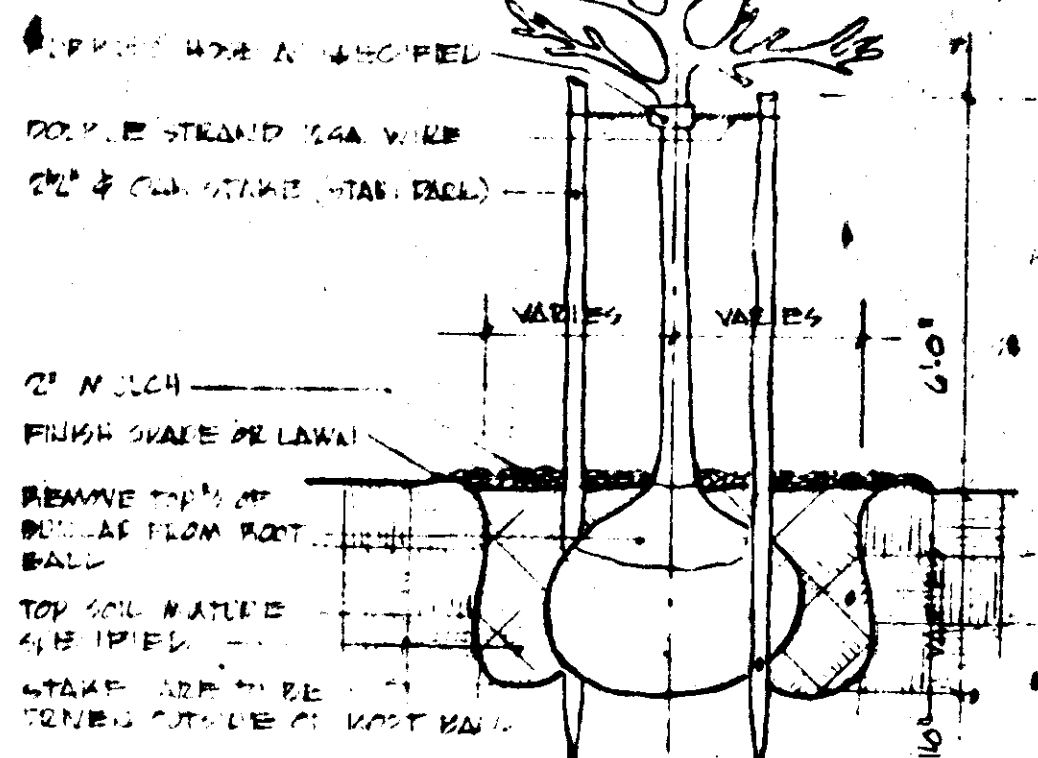
SITE LANDSCAPE PLAN 1"=50'

ENLARGED LANDSCAPE PLAN AT BUILDING  
1"=20'



SHRUB PLANTING DETAIL

NOTE: SPECIES AS SPECIFIED OR AS DETERMINED BY LANDSCAPE ARCHITECT DO NOT CUT LEAVES



TREE PLANTING DETAIL

LANDSCAPING MATERIAL LIST				
SYM	BOTANICAL NAME	COMMON NAME	TYPE	QTY
<b>TREES</b>				
CF	CORNUS FLORIDA	FLOWERING DOGWOOD	B	22
AP	ILIXI PLATANIFOLIA	HORWAY ELDER	12-3"	20
OT	QUERCUS TRILICANTHOS INERMIS	THORNLESS HOOPLOG	12-3"	22
OT	QUERCUS TRILICANTHOS INERMIS	INFERIAL HOOP LOG	12-3"	22
AS	ZEPHYRUS SACCHARUM	SUGAR MAPLE	12-3"	22
CC	CECROGIA CANADENSIS	BASTARD WALNUT	12-3"	22
PS	PINUS SYLVESTRIS	SCOTCH PINE	B	22
QV	QUERCUS PALUSTRIS	PIN OAK	12-3"	22
<b>SHRUBS</b>				
AC	ARTEMISA COTONEASTER	CREeping COTONEASTER	ROOT	1000
UCP	UNIFERUS CHINENSIS SPITZBERGERI	SPITZBERGER JUNIPER	1000	1000
PM	PRUNUS MUGHO	MUGHO PINE	12-3"	22
BAC	BUDYMYDUS ALATUS COMPACTUS	DWARF BURNING BUSH	12-3"	22
CU	CHAENOMELES JAPONICA	JAPONICA	12-3"	22
AK	AZALEA KURUME	AZALEA (PINK)	12-3"	22
VM	VINCA MINOR	BLUE MYRTLE	9"OC	CONT.
TGD	TAXUS CUSPIDATA DENSIFORMIS	DENSE YEW	12-3"	22
UCP	UNIFERUS CHINENSIS SPITZBERGERIANA	SPITZBERGER JUNIPER	12-3"	22
CC	CLADRA COMPACTA	IMPROVED HAZELBERRY HOLLY	24-30"	22
APC	APICULATA COTONEASTER	CRANBERRY COTONEASTER	12-3"	22
CR	CHIONODOX RHODODENDRON	RHODODENDRON	24-30"	22
<b>GROUND COVER</b>				
	GRASS LAWN (A3A) (50%)	WOOD CHIP (BARK) MULCH (3/4")		
	HYPERICUM CALYPTROGYNUM W/ RYE GRASS, FERTILIZER AND HYPERICUM MULCH			
<b>LEGEND</b>				
LI	30' x 60' PARKING LOT LIGHT MIXTURE			
PH	8" x 8" DECOGNITIVE LIGHT MIXTURE			
CO	COLLECTED LOGS (AS SHOWN)			

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 10-24-79  
*[Signature]*

APPROVED: For public water, public sewerage and storm drainage systems and roads

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* DIRECTOR 2-7-80  
*[Signature]* CHIEF, BUREAU OF ENGINEERING 2-6-80

APPROVED: For public water and public sewerage systems  
HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* COUNTY HEALTH OFFICER 2-11-80

APPROVED: Howard County Office of Planning and Zoning  
*[Signature]* PLANNING DIRECTOR 2-11-80  
*[Signature]* CHIEF, DIVISION OF LAND DEVELOPMENT 2-11-80

DANIEL W. JACOBS  
PROFESSIONAL ENGINEER



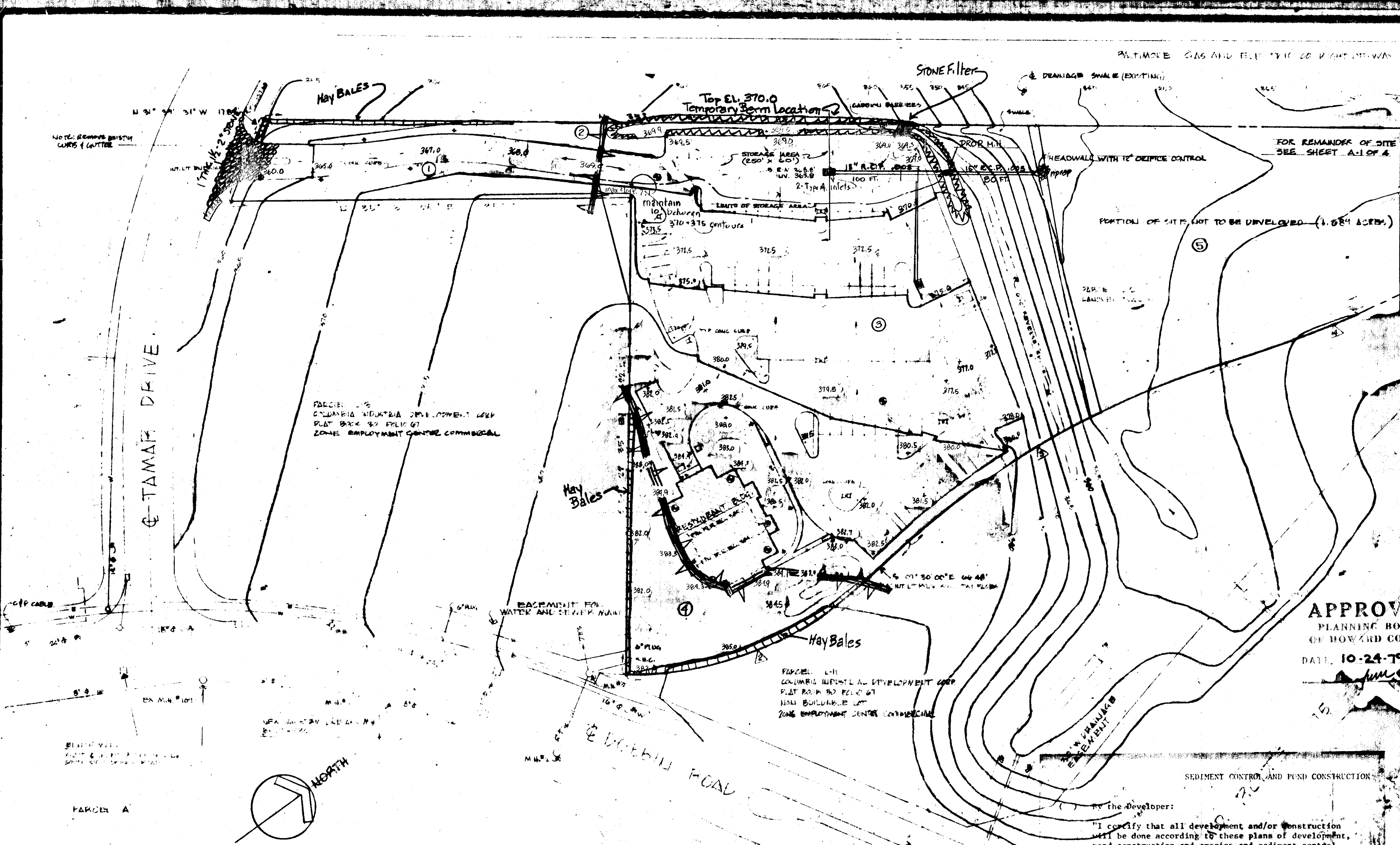
HOWARD COUNTY ARCHITECTS  
1725 E. Royalton Road  
Cleveland, Ohio 44117

70-017

SITE LANDSCAPE PLAN AND DETAILS  
HANDLED BY MARY L. AND  
COLUMBIA A. MARY L. AND  
SHANE; HANDLED TRAIL M/L  
PROJECT AREA; DESIGN L/L  
SELECTED AUTO PLANT  
SECTION 1, 2, 3, 4, 5

A3-5





APPROVED: For public water, public sewerage and storm drainage systems and roads  
**HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS**  
 WOLFE, N. M. 2-7-80  
 DIRECTOR DATE  
 WOLFE, N. M. 2-6-80  
 CHIEF, BUREAU OF ENGINEERING DATE  
 APPROVED: For public water and public sewerage systems  
**HOWARD COUNTY HEALTH DEPARTMENT**  
 [Signature] 2-11-80  
 COUNTY HEALTH OFFICER DATE  
 APPROVED: Howard County Office of Planning and Zoning  
 [Signature] 2-11-80  
 PLANNING DIRECTOR DATE  
 [Signature] 2-11-80  
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

RECORD  
 [Signature]  
 1929 E. Royalton Road  
 Cleveland, Ohio 44147  
**DANIEL W. JACOBS**  
 ARCHITECT

**SEDIMENT CONTROL NOTES**  
 Specifications for the Sediment Control Details shown hereon are intended in accordance with the U.S.D.A. Soil Conservation Service "Standards and Specifications for soil erosion and sediment control in developing areas."  
 1. Grading plan must be developed by the builder and approved before beginning any work shown hereon.  
 2. The developer shall notify the Howard County Office of Inspections and Permits at least 24 hours prior to beginning any construction shown hereon (465-5000 Ext. 365).  
 3. Sediment control structures to be constructed prior to any on-site grading or disturbance to any existing surface material, and are to be stabilized as soon as constructed.  
 4. All sediment control structures to remain in place until permission for their removal has been obtained from the Howard County Office of Inspection and Permits (465-5000 Ext. 365).  
 5. All graded areas not to be seeded shall be stabilized by seeding and mulching in accordance with the following:  
 A. Site Preparation  
 1. Mow or disc in areas proposed to be seeded the following materials at the specified rate to a depth of 3":  
 1) Pulverized limestone at 2 tons/acre.  
 2) Commercial fertilizer 10-10-10 at 1 ton/acre.  
 3) Super phosphate at 600 lbs/acre.  
 B. Seeding  
 1. Sow the following seed mixtures using a mechanical spreader at the rates specified:  
 1) Critical Area Stabilization - Crownvetch, inoculated @ 15#/acre and "Kentucky 31" Tall Fescues (Certified) @ 40#/acre.  
 2) Permanent - "Merion" Kentucky Bluegrass (Certified) 40#/acre, South Dakota Bluegrass (Certified) 40#/acre, "Penlawn" Creeping Red Fescue 20#/acre.  
 C. Mulching  
 1. Seeded areas shall be uniformly mulched, immediately after seeding with unweathered small grain straw at the rate of 1 1/2 tons/acre.  
 2. Tie mulch down with liquid asphalt at 0.1 gal/sy, or emulsified asphalt at 0.04 gal/sy, or mulch netting.

**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE: 10-24-79  
 [Signature]

By the Developer:  
 "I certify that all development and/or construction shall be done according to these plans of development, pond construction and erosion and sediment control. I also 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 Soil Conservation District. I will provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion."  
 [Signature] 5/23/79  
 Signature of Developer Date

By the Engineer:  
 "I certify that this plan for pond construction, erosion, and sediment-control represents a practical and workable plan based on my personal knowledge of the site conditions of the Howard Soil Conservation District. I have notified the developer that he must provide the Howard Soil Conservation District with a red-lined "as built" of the pond within 30 days of completion."  
 [Signature] 5/23/79  
 Signature of Engineer Date

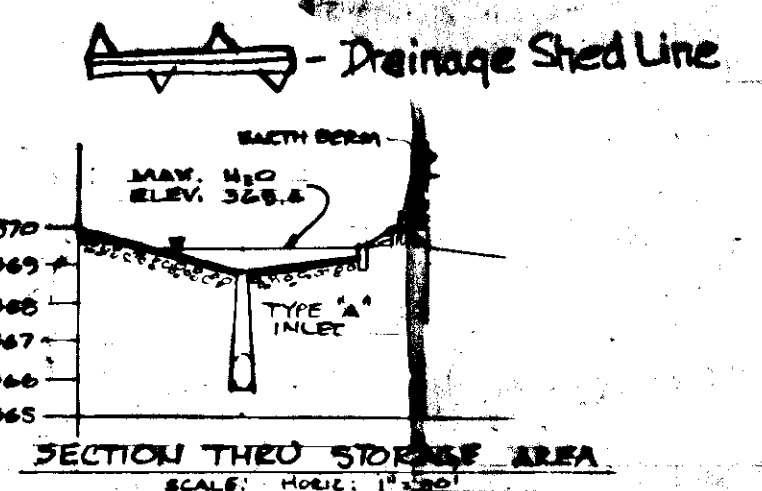
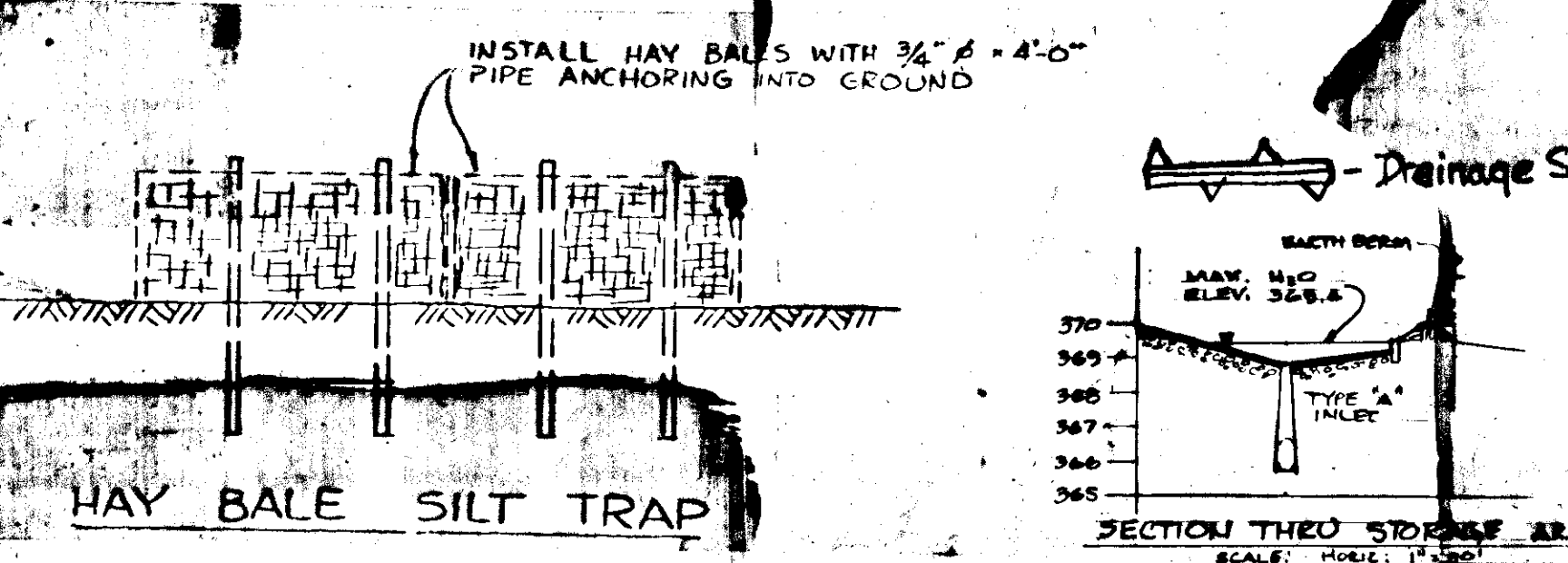
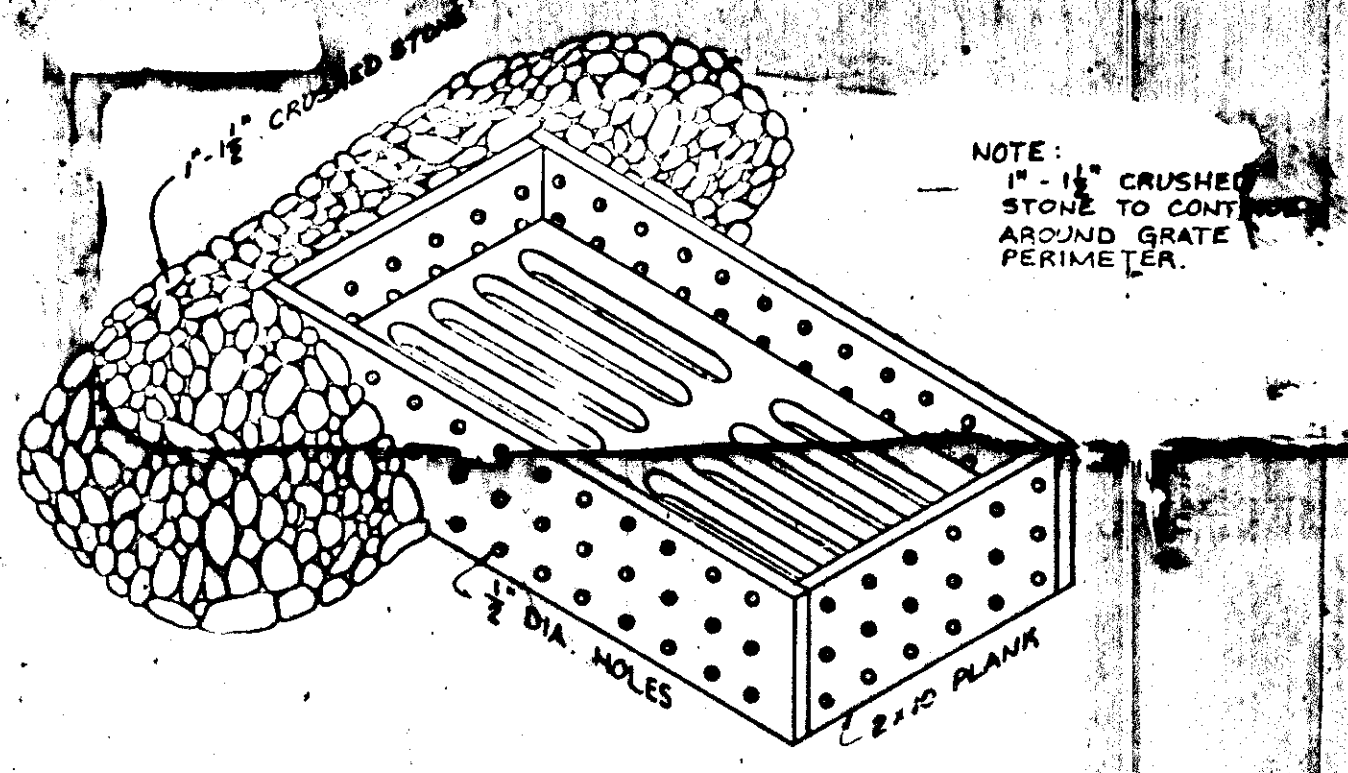
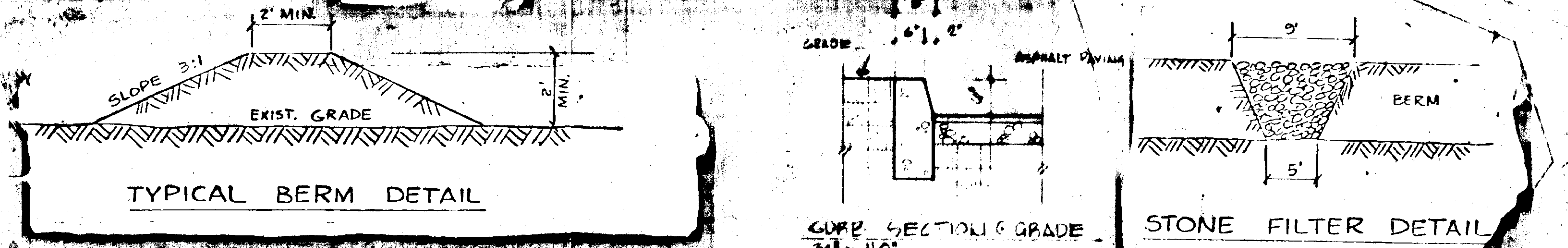
These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.  
 [Signature] 1-21-80  
 U.S. Soil Conservation Service Date

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.  
 [Signature] 1-21-80  
 Approved Date

SDP-79-151  
 Plan Number

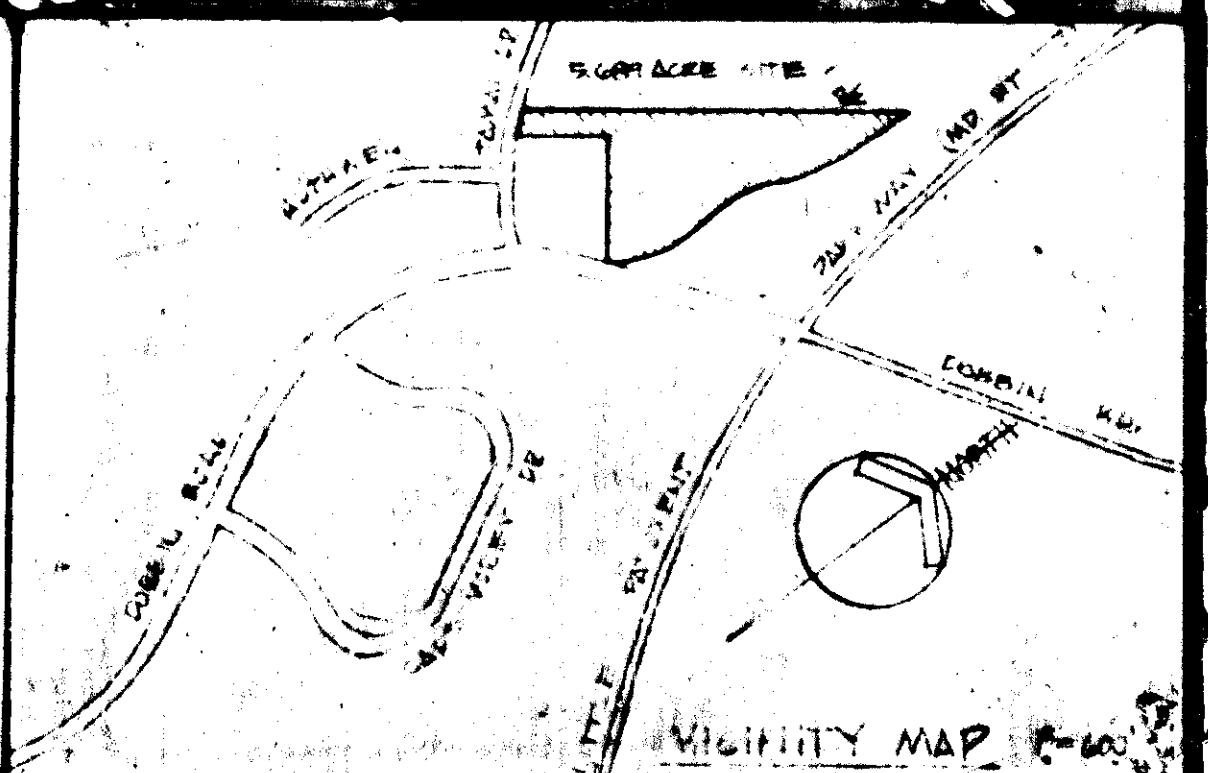
- CONSTRUCTION SEQUENCE**
1. Obtain Grading Permit
  2. Construct Stabilized Construction Entrance at entrance to Parcel 1-2.
  3. Construct earth dike and stone outlet for Stone Outlet Sediment Trap. Excavate to obtain required storage area.
  4. Install Perimeter Dike along Tamar Drive and along southeast side of B.C. & E. side of Hay. Outfall into sediment trap.
  5. Install silt fence. (EARTH BERM & HAY BALES USED IN PLACE OF SILT FENCE) Begin excavation and placement of fill slope.
  6. Place slope bench in accordance with "Slope Bench Detail" at the elevation shown. The Contractor shall concentrate his efforts on bringing the fill slope in Parcel 1-2 to a grade suitable to provide sufficient fall along the toe of a perimeter dike toward the stone outlet sediment trap situated on Parcel 1-3. The perimeter dike shall be placed at the earliest possible time during grading operations and, if disturbed, shall be reconstructed prior to completion of each day's work.
  7. Complete grading operation.
  8. Stabilize disturbed areas in accordance with Sediment Control Notes. For Slope areas use seed mixture specified under Critical Area Stabilization. Use permanent seed mix for all other areas.
  9. Remove silt fence when growth on slopes exceed 10" in height.
  10. Balance of sediment control devices shall remain in place until such time as a final Site Development Plan has been approved and alternative measures are in place.

**SOIL EROSION & SEDIMENT CONTROL PLAN**  
 SCALE: 1" = 50'



**LIPPINCOTT ENGINEERING ASSOCIATES**  
 CONSULTING ENGINEERS  
 [Signature]  
 DELAWARE, NEW JERSEY 08078

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK AND VERIFY DIMENSIONS. HE SHALL NOTIFY THE ENGINEER REGARDING THE PERTINENT AND INTERPRETATION OF THESE DRAWINGS. FURTHERMORE, ANY UNUSUAL CONDITIONS FOUND DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.



SOIL EROSION AND SEDIMENT CONTROL PLAN  
 [Signature]  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 1929 E. Royalton Road  
 Cleveland, Ohio 44147

**A4 of 5**



