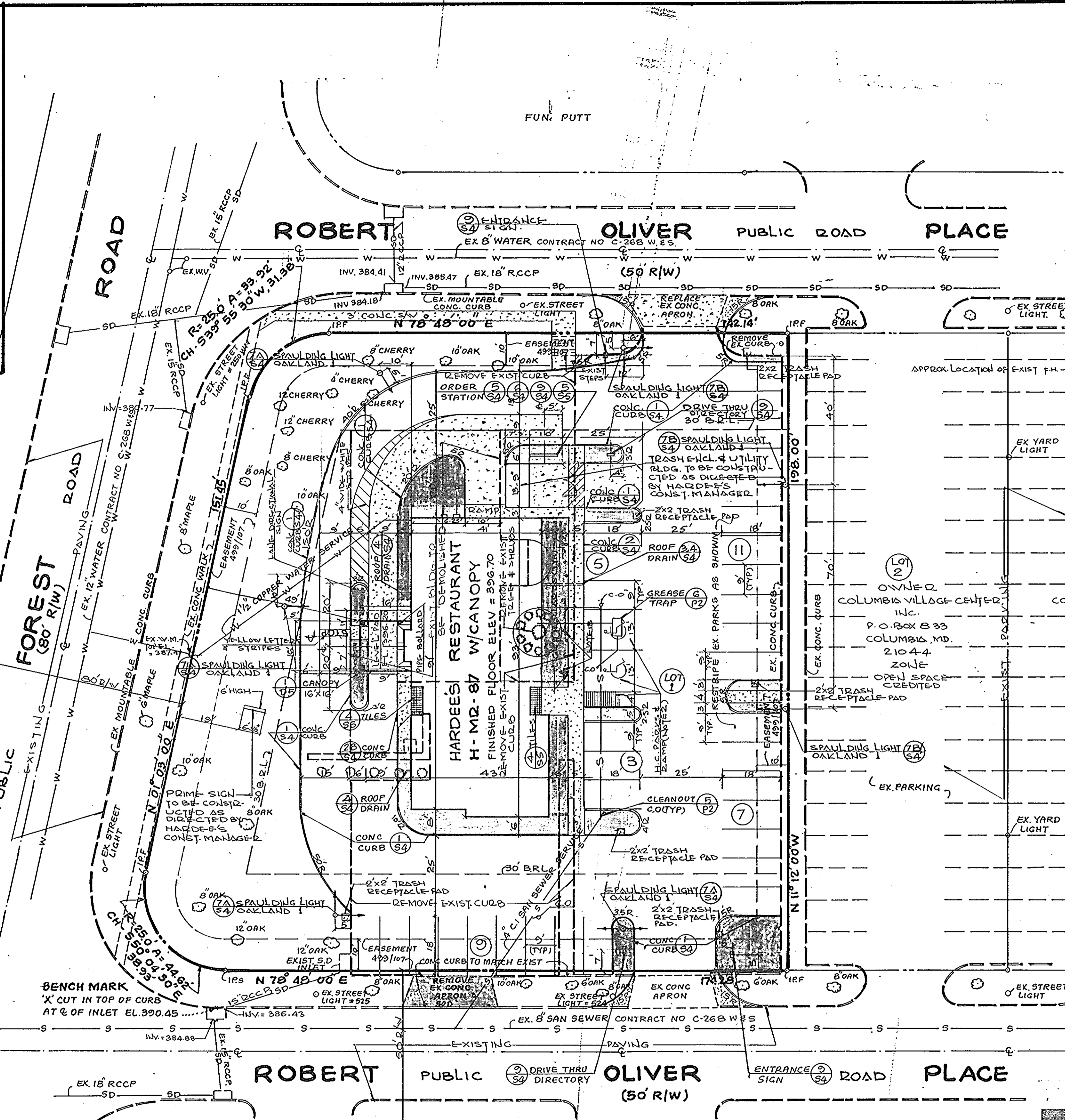


VICINITY MAP  
SCALE: 1"=2000'



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE: 7-8-87

### CONSTRUCTION NOTES

- REFER TO SHEET S2 OF S6 FOR DEMOLITION AND/OR GRADING PLAN.
- MAXIMUM SLOPE FOR HANDICAPPED RAMP SHALL NOT EXCEED 5%. PROVIDE PAINTED HANDICAPPED SYMBOL IN DESIGNATED PARK.
- EXISTING ELEVATIONS TAKEN FROM SURVEY BY: APEX ENGINEERING, INC. DATE: 6-9-86
- SPAUDING SITE LIGHTING PACKAGE(S) TO BE FURNISHED BY OWNER AND INSTALLED UNDER SPECIFICATIONS, SECTION 16A ELECTRICAL.

PACKAGE NO. 1  
(1) LBS-250-25 HPS  
(1) LAMP-250 WATT HPS  
(1) BRACKET 215-B

PACKAGE NO. 2  
(1) LBS-250-25 HPS  
(1) LAMP-250 WATT HPS  
(1) BRACKET 215-B2  
(1) LAMP-250 WATT HPS  
(1) POLE-24 RSTS-1

PACKAGE NO. 3  
(1) BRACKET 215-B3  
(1) LBS-250-25 HPS  
(2) LBS-400-45 SMH  
(1) LAMP-250 WATT HPS  
(2) LAMP-400 WATT SMH  
(1) POLE-24 RSTS-2

PACKAGE NO. 4  
(1) LBS-250-25 HPS  
(1) LBS-400-45 SMH  
(1) BRACKET 215-B2  
(1) LAMP-250 WATT HPS  
(1) LAMP-400 WATT SMH  
(1) POLE-24 RSTS-1

- AREA OF PARCEL : 36,094 S.F. 0.829 AC.
- EXISTING ZONING : EMPLOYMENT CENTER COMMERCIAL.
- GROSS AREA OF BLDG : 3841 S.F.
- PROPOSED USE : HARDEE'S RESTAURANT W/DRIVE THRU
- NO. OF SEATS & NO. OF EMPLOYEES : 90 & 10
- NO. OF PARKING SPACES REQD : 90 + 5 + 10 + 2 = 30 + 5 = 35
- NO. OF PARKING SPACES PROVIDED : 35
- GREEN AREA TO REMAIN ON SITE : 11,425 S.F. = 31.65%
- BUILDING & PAVED AREA COVERAGE : 24,669 S.F. = 68.36%
- HEIGHT OF BUILDING : 16 FT.
- CONTRACTOR SHALL CHECK & VERIFY EXACT LOCATION OF UTILITIES WITH UTILITY COMPANY. LOCATIONS SHOWN ARE DIAGRAMATIC ONLY. CONTRACTOR SHALL VERIFY LOCATIONS AT JOB SITE.
- CONTRACTOR SHALL PROVIDE 1" ELECTRICAL CONDUIT AND REQUIRED WIRING TO ALL LIGHT FIXTURES & YARD LIGHT LOCATIONS.
- CONTRACTOR SHALL TIE NEW CONSTRUCTION INTO OLD FOR LINES & GRADE.

### LEGEND

[Symbol]	EXIST FEATURES
[Symbol]	PROP. FEATURES
[Symbol]	TILES
[Symbol]	CONCRETE
[Symbol]	LANDSCAPE AREA
[Symbol]	WATER LINE
[Symbol]	STORM DRAIN
[Symbol]	SAN SEWER

### LOCATION

City: **COLUMBIA**  
Street Address: **5810 ROBERT OLIVER PL.**  
VILLAGE OF OAKLAND MILLS  
County: **HOWARD**  
State: **MARYLAND**

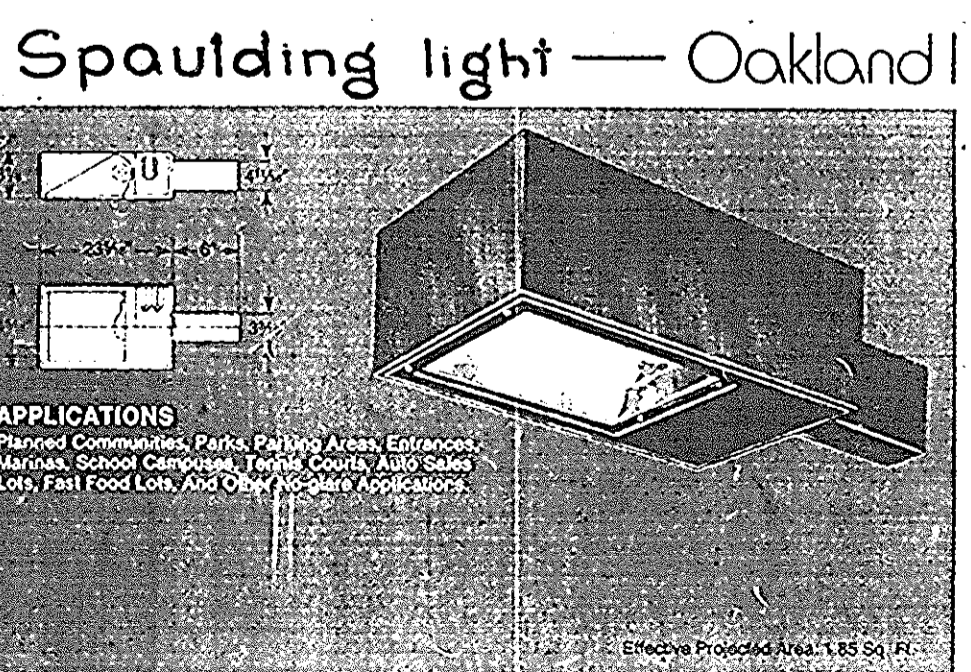
### SITE INFORMATION

PARKING SPACES REGULAR	33
HANDICAPPED	2
OTHER (SPECIFY TYPE)	
TOTAL	35
PARK SIZE	9' x 18'
LOT AREA	36,094 S.F. (0.829 AC)
PAVED AREA	
SEWER SERVICE	ROBERT OLIVER PLACE
WATER SERVICE	STEVEN'S FOREST ROAD
GAS SERVICE	
ELECTRICAL SERVICE	
FRONT SETBACK	30'
RIGHT SETBACK	AS SHOWN
REAR SETBACK	"
LEFT SETBACK	"
SIGN SIZE & SETBACK	AS PER SIGN PERMIT.

### REVISIONS

DATE	BY	DESCRIPTION	CHKD
12-2-86		DESIGNER'S CERTIFICATE	
5-6-87		RELOCATED BLDG, ADDED ADDITIONAL LANDSCAPE AREAS, ADDED SIGN ALONG ROBERT OLIVER PLACE TO THE NORTH OF PROPERTY, RELOCATED PRIME SIGN, ADDED TRASH RECEPTACLE PADS & MADE CHANGES AS PER HOWARD CO. CHECK LIST.	
6-15-87		RELOCATE DRIVE THRU & ENTRANCE SIGNS.	
7-1-87		REVISED AS PER DEPT. OF PUBLIC WORKS & P&Z COMMENTS DATED 6-19-87	
7-21-87		REVISED AS PER PLANNING BOARD COMMENTS OF 7/19/87 & P&Z COMMENTS OF 6/12/87	

NOTE'S CONTINUED:  
18. HANDICAPPED PARKING SIGN AS PER MD. BLDG. CODE FOR THE HANDICAPPED AND HOWARD COUNTY COUNCIL BILL # 88-84.  
19. GROSS AREA OF ALL BLDGS. = 4200 S.F.  
20. BUILDING COVERAGE OF SITE = 11.64%



### CONSTRUCTION FEATURES

Housing - Formed and welded one-piece aluminum with a hinged front door opening 270°  
Optical Assemblies - Clear, tempered, flat glass lens held in place with a one-piece aluminum and four (4) inch in length lens door assembly is formed aluminum with multiple grooves and striations. Two-piece stainless steel screws hold assembly together. A clear acrylic polycarbonate lens cover provides rear section, superior aluminum side panels, and some-removable lens. Acrylic lens. The optical assembly provides a maximum candlepower of 1620 from each lamp position at 15° of reflector in minutes light beam spot.

Lamp holder - Enclosed and protected socket with spring loaded and enclosed contact and enclosed lens or screw shell. HPS sockets are push-rated.  
Ballast - Starting rated to 200-F. Ballast for Most HPS are enclosed and vented and are covered by a high temperature Phenolic Shell. Some are covered with a high temperature thermoplastic resin. Some are covered with a high temperature thermoplastic resin. Some are covered with a high temperature thermoplastic resin. Some are covered with a high temperature thermoplastic resin.

### SITE PLAN DESIGNER'S CERTIFICATE

THIS IS TO CERTIFY TO CHICAGO TITLE INSURANCE COMPANY AND HARDEE'S FOOD SYSTEMS, INC. THAT APEX ENGINEERING, INC. PREPARED THE SITE PLAN SHOWN HEREON, THAT IT HAS REVIEWED THE BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY APEX ENGINEERING, INC. DATED JUNE 9, 1986 AND CHICAGO TITLE INSURANCE COMPANY COMMITMENT NO. 86K-3300 DATED AUGUST 21, 1986 THAT ALL EASEMENTS, COVENANTS AND RESTRICTIONS CONTAINED IN THE ABOVE-MENTIONED SURVEY ARE SHOWN HEREON AND DO NOT AFFECT THE PROJECTED CONSTRUCTION, MAINTENANCE, OPERATION AND USE OF SAID PROPERTY FOR A HARDEE'S RESTAURANT, EXCEPT BLANKET 'LINES' EASEMENT RECORDED IN LIBER 468, FOLIO 239.

Michael 11-6-86  
SITE PLAN DESIGNER DATE

COLUMBIA VILLAGE OF OAKLAND MILLS VILLAGE CENTER  
SECTION 2 AREA 1 SHEET 20F3  
PLAT BOOK 15, FOLIO G1 LOT 1  
LIBER 560 FOLIO 363  
TAX MAP 36 BLOCK 3  
PART OF PARCEL 300  
6TH. ELECT. DIST. HOWARD CO. MD.

SUBDIVISION NAME	SECT/AREA	LOT/PARCEL				
COLUMBIA VILLAGE OF OAKLAND MILLS VILLAGE CENTER (HARDEE'S RESTAURANT)	2 / 1	1 / PART OF PARCEL 300				
PLAT #	L/F	BLOCK	ZONE	TAX MAP	ELECT. DIST.	CENSUS TR.
BOOK 15, FOLIO G1	560/363	3	NT	36	6TH.	6061.01
WATER CODE	E 03	SEWER CODE	3322600			

ADDRESS CHART  
LOT No. 1  
STREET ADDRESS  
LOT 1 5810 ROBERT OLIVER PLACE  
FINAL DEVELOPMENT PLAN PHASE 40-A-1

**OWNER**  
DINO'S INC.  
C/O JOHN P. HEALY  
HAWTHORNE EXECUTIVE CENTER  
10715 CHARTER DRIVE SUITE 100  
COLUMBIA, MARYLAND, 21044

**APEX ENGINEERING, INC.**  
ENGINEERS-SURVEYORS & PLANNERS  
110 OLD SOLOMONS ISLAND RD.  
ANNAPOLIS, MARYLAND, 21401  
(301) 841-6737



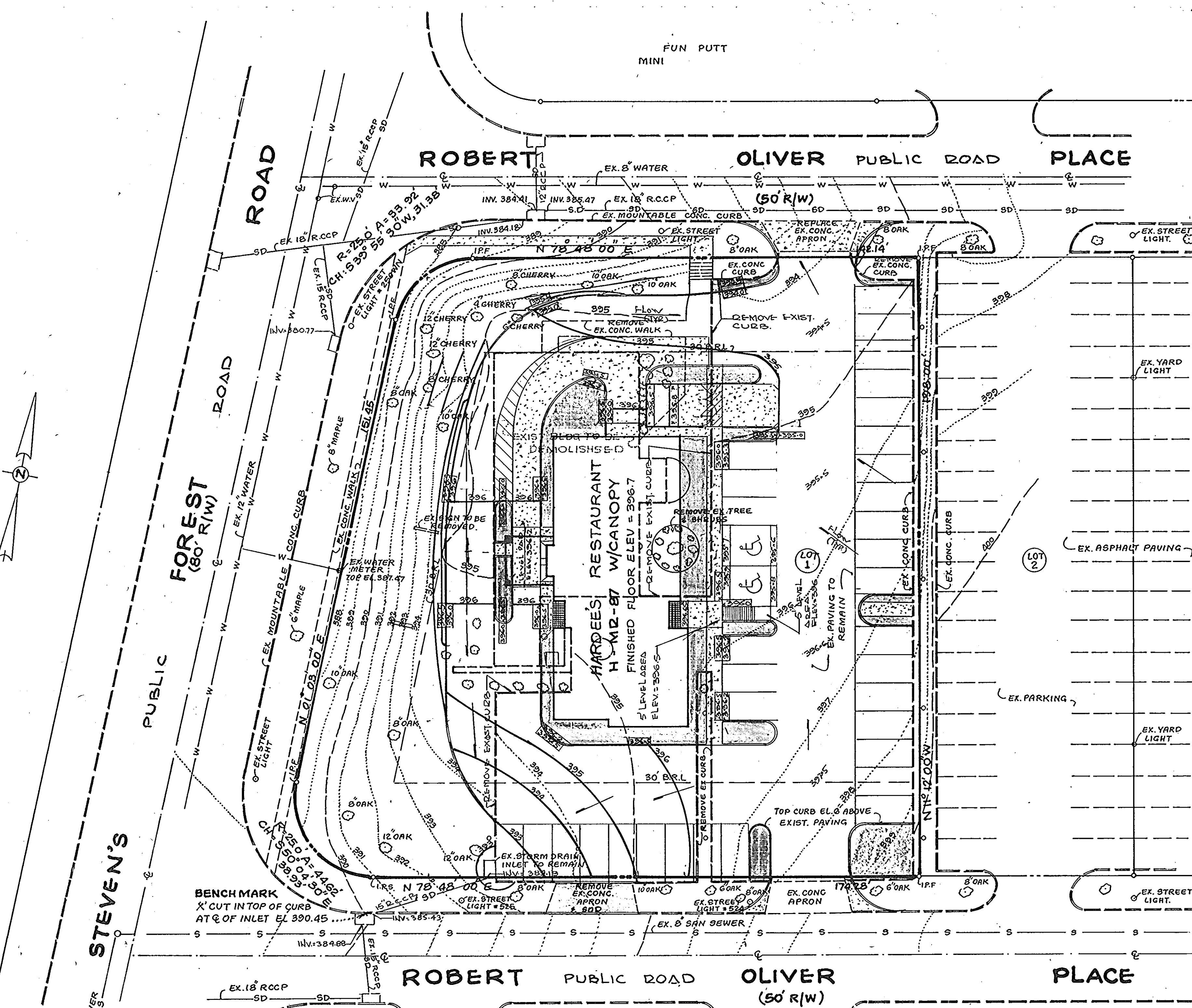
**HARDEE'S FOOD SYSTEMS, INC.**  
ARCHITECTURE AND ENGINEERING DEPT.  
1233 N. CHURCH ST.  
ROCKY MOUNT, N. C. 27801  
PHONES: (919) 977-8666 (919) 977-2000

BUILDING MODEL NO. **H-M2-87 W/CANOPY**  
SHEET TITLE **SITE PLAN**

THESE DRAWINGS ARE THE PROPERTY OF HARDEE'S FOOD SYSTEMS, INC., 1233 N. CHURCH ST., ROCKY MOUNT, N. C. 27801, AND SHALL NOT BE USED, COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM THE OWNER.

APPROVED  
Allen H. Paul 11/2/86  
AREA CONST. MANAGER DATE

SDP SHEET 1 OF 5  
DRAWN BY G.S.G. SHEET NO. 3-1  
CHECKED BY S.S.C.  
DATE 11-7-86 SCALE 1"=20'  
PROJ. NO. SDP-87-232-C



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
8-4-87  
DATE

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING  
8-5-87  
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
8-4-87  
DATE

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 7-8-87

- ### CONSTRUCTION NOTES
- REFER TO SHEET S2 OF S6 FOR DEMOLITION AND/OR GRADING PLAN.
  - MAXIMUM SLOPE FOR HANDICAPPED RAMP SHALL NOT EXCEED 5%. PROVIDE PAINTED HANDICAPPED SYMBOL IN DESIGNATED PARK.
  - EXISTING ELEVATIONS TAKEN FROM SURVEY BY: APEX ENGINEERING, INC. DATE: 6-9-86
  - SPAULDING SITE LIGHTING PACKAGE(S) TO BE FURNISHED BY OWNER AND INSTALLED UNDER SPECIFICATIONS, SECTION 16A ELECTRICAL.
 

PACKAGE NO. 1	PACKAGE NO. 3
(1) LBS-250-25 HPS	(1) BRACKET 215-B3
(1) LAMP-250 WATT HPS	(1) LBS-250-25 HPS
(1) BRACKET 282-B	(2) LBS-400-45 SMH
	(1) LAMP-250 WATT HPS
	(2) LAMP-400 WATT SMH
	(1) POLE-24 RSTS-2
PACKAGE NO. 2	PACKAGE NO. 4
(1) LBS-250-25 HPS	(1) LBS-250-25 HPS
(1) LBS-250-25 SMH	(1) LBS-400-45 SMH
(1) BRACKET 215-B2	(1) BRACKET 215-B2
(1) LAMP-250 WATT HPS	(1) LAMP-250 WATT HPS
(1) LAMP-250 WATT SMH	(1) LAMP-400 WATT SMH
(1) POLE-24 RSTS-1	(1) POLE-24 RSTS-1
  - CONTRACTOR SHALL REMOVE EXIST. SIGNS, TREES, SHRUBS, POLES, LIGHTS, PAVING & WALKS AS NECESSARY TO CONSTRUCT NEW IMPROVEMENTS. PLUG ALL ABANDONED UTILITIES & REMOVE ALL BLDGS. INCLUDING BASEMENT FOUNDATIONS, IF ANY, TO A DEPTH OF 1 FT. BELOW SUB GRADE, FILL WITH CLEAN SAND AND COMPACT TO 95% MODIFIED PROCTOR.
  - DISTURBED AREA = 13,200 S.F.

LEGEND	LOCATION
	City: <b>COLUMBIA</b>
	Street Address: <b>5810 ROBERT OLIVER PL.</b>
	Village: <b>VILLAGE OF OAKLAND MILLS</b>
	County: <b>HOWARD</b>
	State: <b>MARYLAND</b>
	VOM, 2/11, LOT 1, GTHE.D.
	<b>SITE INFORMATION</b>
	PARKING SPACES REGULAR: 23
	HANDICAPPED: 7
	OTHER (SPECIFY TYPE):
	TOTAL: 35
	PARK SIZE: 9 x 18
	LOT AREA: 36,094 S.F. (0.829 AC)
	PAVED AREA:
	SEWER SERVICE: <b>ROBERT OLIVER PLACE</b>
	WATER SERVICE: <b>STEVEN'S FOREST ROAD.</b>
	GAS SERVICE:
	ELECTRICAL SERVICE:
	FRONT SETBACK: 30'
	RIGHT SETBACK: AS SHOWN
	REAR SETBACK:
	LEFT SETBACK:
	SIGN SIZE & SET BACK AS PER SIGN PERMIT.

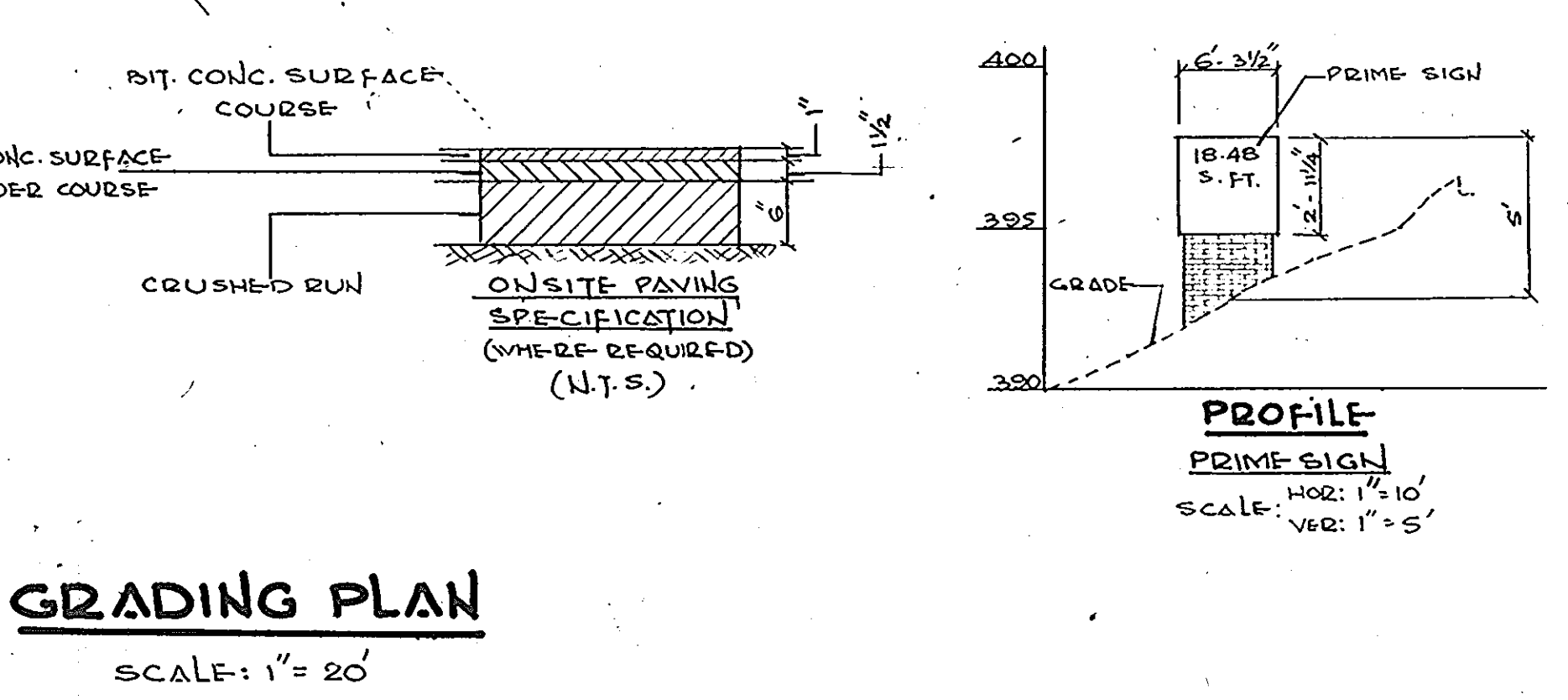
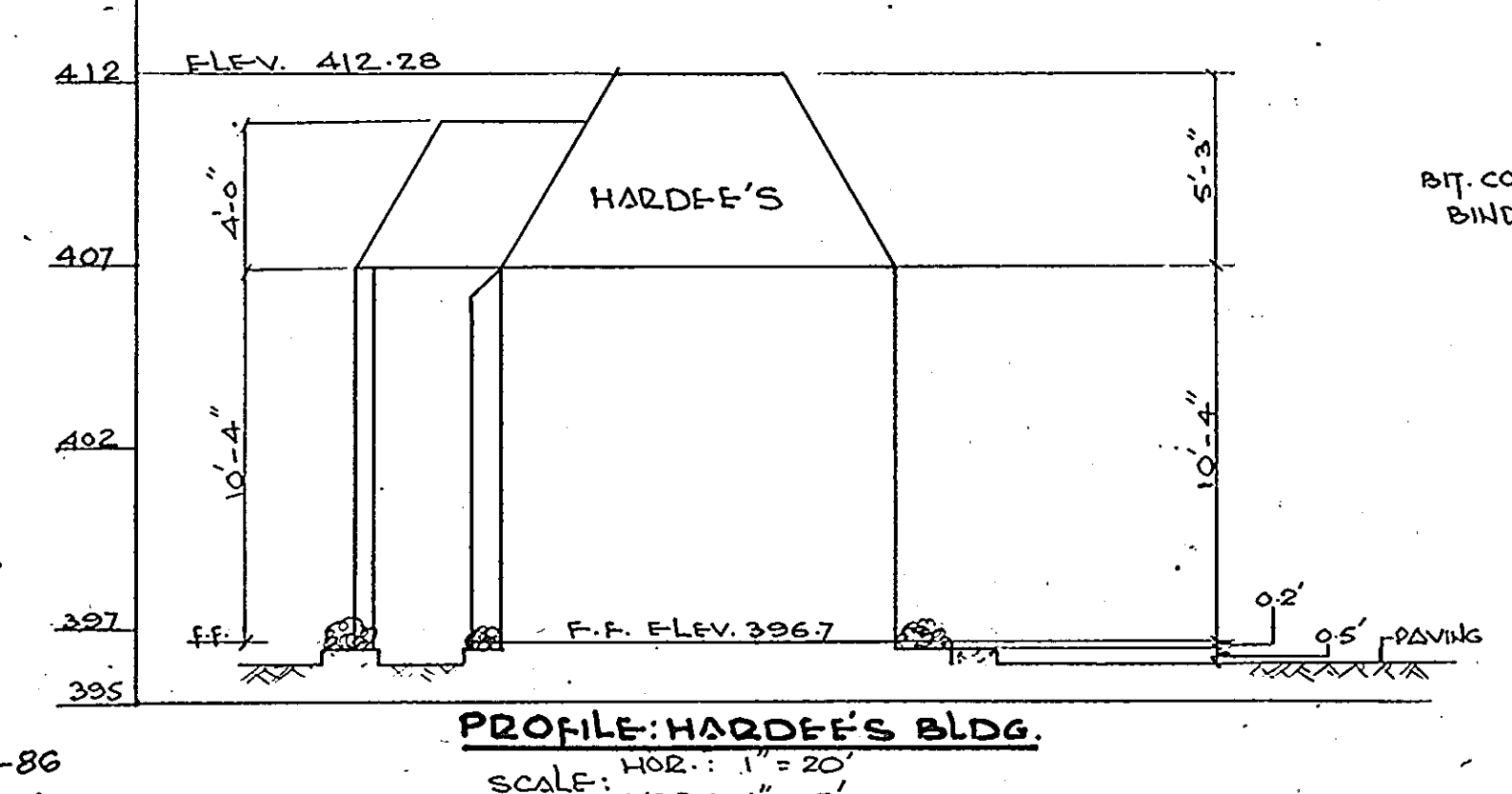
### REVISIONS

DATE	BY	DESCRIPTION	CHKD
6-6-87		RELOCATED BLDG. ADDED ADDITIONAL LANDSCAPE AREAS, ADDED SIGN ALONG ROBERT OLIVER PLACE TO THE NORTH OF PROPERTY. RELOCATED PAINE SIGN & MADE OTHER CHANGES AS PER HOWARD COUNTY CHECK LIST.	
7-2-87		REVISED AS PER DPW AND P&Z COMMENTS OF 6-13-87	
7-21-87		REVISED AS PER PLANNING BOARD COMMENTS OF 7-8-87 & P&Z COMMENTS OF 6-12-87	

**HARDEE'S FOOD SYSTEMS, INC.**  
ARCHITECTURE AND ENGINEERING DEPT.  
1233 N. CHURCH ST.  
ROCKY MOUNT, N. C. 27801  
PHONES: (919) 977-8666 (919) 977-2000

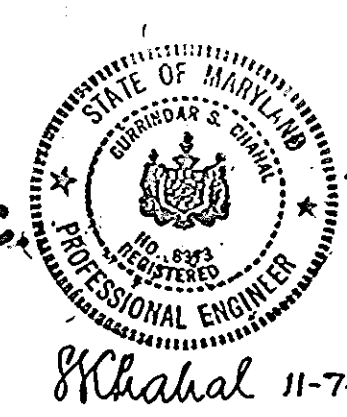
BUILDING MODEL NO. **H-M2-87 W/CANOPY**

SHEET TITLE **GRADING PLAN**



**OWNER**  
DINO'S INC.  
C/O JOHN P. HEALY  
HAWTHORNE EXECUTIVE CENTER  
10715 CHARTER DRIVE SUITE 100  
COLUMBIA, MARYLAND, 21044.

**APEX ENGINEERING, INC.**  
ENGINEERS - SURVEYORS & PLANNERS  
110 OLD SOLOMONS ISLAND RD.  
ANNAPOLIS, MARYLAND, 21401  
(301) 841-6737



APPROVED:

Area Const Manager: *Oliver H. Hill* 11/2/86 DATE

Area Re. Manager: *Carlton A. Cavallaro* 11/2/86 DATE

DRWN BY: G. S. G. SHEET NO. **5/2**

CHECKED BY: S. S. C. **5/7**

DATE: 11-7-86 SCALE: 1" = 20'

PROJ. NO. **SDP-87-232**



**SEDIMENT CONTROL NOTES**

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within a 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- 4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52.) Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7) Site Analysis:
  - Total Area of Site 0.222 Acres
  - Area Disturbed 0.222 Acres
  - Area to be roofed or paved 0.041 Acres
  - Area to be vegetatively stabilized 0.222 Acres
  - Total Cut 65 Cu. yds
  - Total Fill 220 Cu. yds
  - Offsite waste/borrow area location
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
- 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

**CONSTRUCTION SEQUENCE**

1. CLEAR & GRUB FOR SEDIMENT AND EROSION CONTROL MEASURES OR DEVICES.
2. INSTALL ALL SEDIMENT & EROSION CONTROL MEASURES AND DEVICES.
3. DEMOLISH & EXCAVATE FOR BUILDING FOUNDATION AND INSTALL UTILITIES.
4. CONTINUE BUILDING CONSTRUCTION, INSTALL CONCRETE CURB AS SHOWN AND FINISH GRADE AREAS BEYOND LIMITS OF PAVING AND STABILIZE AS PER SPECIFICATIONS. FINE GRADE AND INSTALL SUB BASE IN PARKING AREAS WHERE REQUIRED.
5. COMPLETE BUILDING CONSTRUCTION.
6. INSTALL PARKING LOT PAVING WHERE REQUIRED AND LANDSCAPE AREAS AS SHOWN.
7. REMOVE SEDIMENT AND EROSION CONTROL DEVICES AFTER STABILIZATION OF DISTURBED AREAS AND APPROVAL OF COUNTY INSPECTOR.
8. FINAL CLEANUP.

**PERMANENT SEEDING NOTES**

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

**Seedbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred -- Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable -- Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

**Seeding** -- For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) 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 sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching** -- Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

**Maintenance** -- Inspect all seeded areas and make needed repairs, replacements and reseeding.

**TEMPORARY SEEDING NOTES**

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

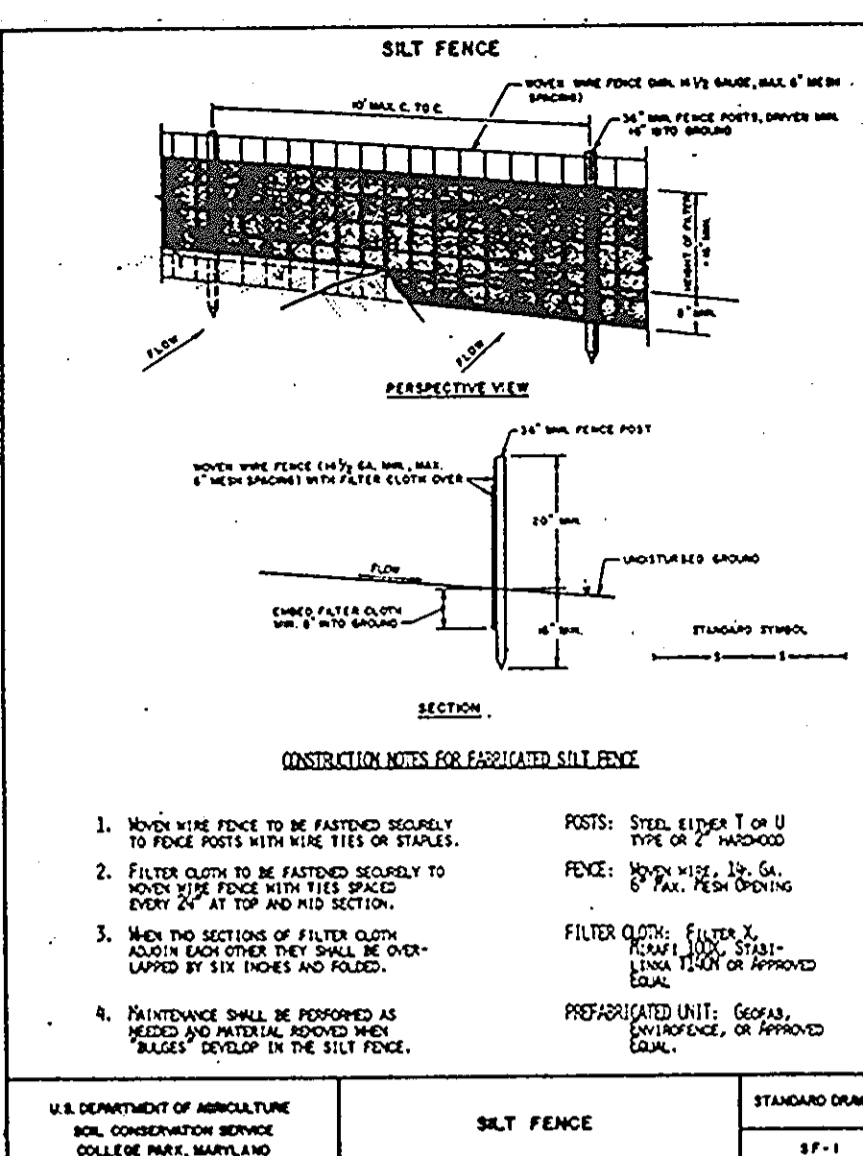
**Seedbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

**Soil Amendments:** Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

**Seeding** -- For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

**Mulching** -- Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND STANDARD DRAWING SP-1

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

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING

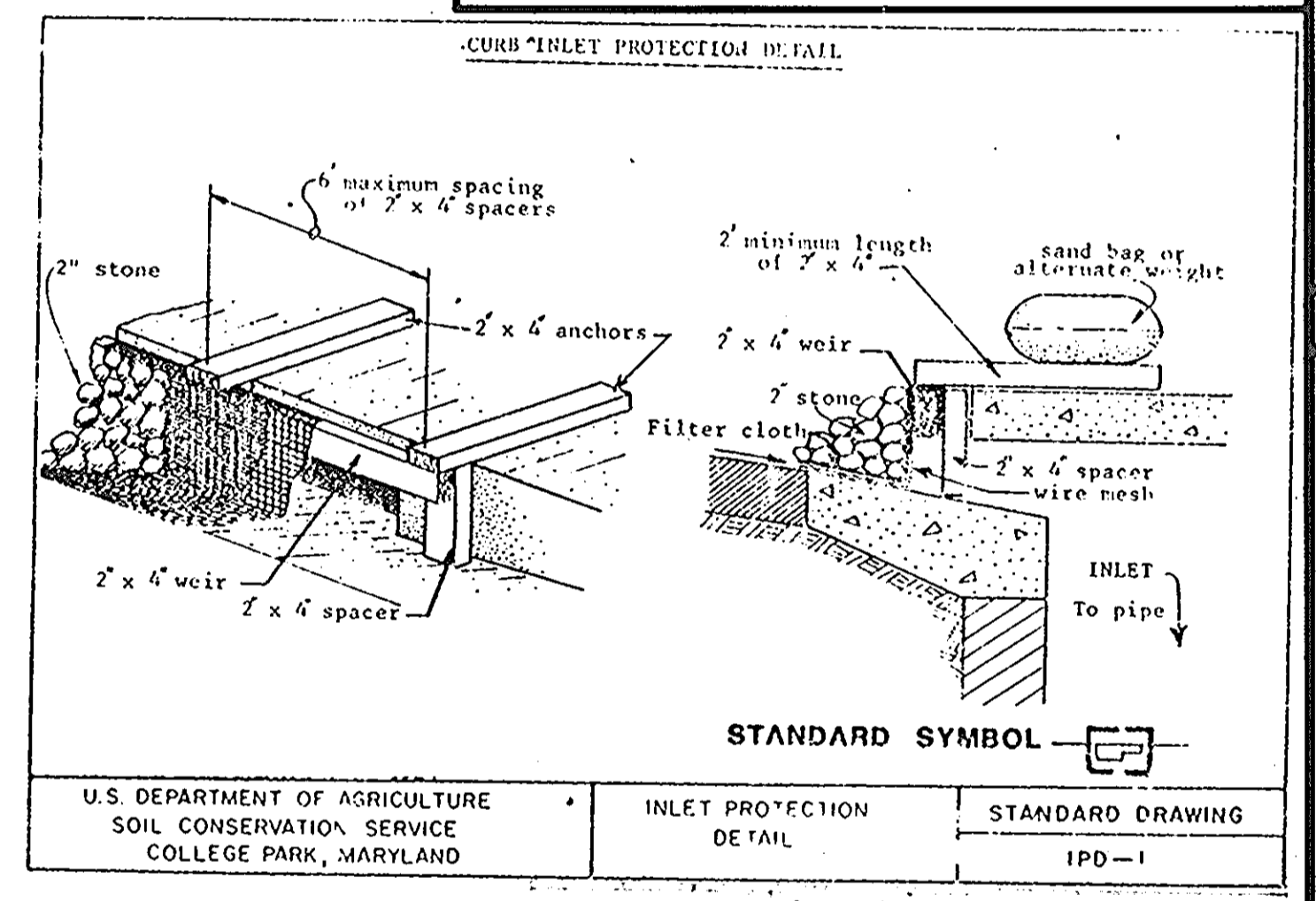
DATE: 8-5-87

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD CO. DEPARTMENT OF PUBLIC WORKS

DATE: 8-3-87

APPROVED PLANNING BOARD OF HOWARD COUNTY

DATE: 7-8-87



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND INLET PROTECTION DETAIL STANDARD DRAWING IPD-1

- Construction Specifications**
1. Materials
    - A. Wooden frame is to be constructed of 2" x 4" construction grade lumber.
    - B. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it.
    - C. Filter cloth must be of a type approved for this purpose; resistant to sunlight with fibre size, 20, 40-65, to allow sufficient passage of water and removal of sediment.
    - D. Stone is to be 2" in size and clean, since fines would clog the cloth.
  2. Curb Inlet Protection
    1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
    2. Place a piece of approved filter cloth (40-65 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
    3. Securely nail the 2" x 4" weir to 3" long vertical spacers to be located between the weir and inlet face (max. 6" apart).
    4. Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" on the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
    5. The assembly shall be placed so that the end spacers are a minimum 1" beyond both ends of the throat opening.
    6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
    7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
    8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dike directing flow into inlet.

**CONSTRUCTION NOTES**

1. REFER TO SHEET S2 OF S6 FOR DEMOLITION AND/OR GRADING PLAN.
  2. MAXIMUM SLOPE FOR HANDICAPPED RAMP SHALL NOT EXCEED 5%. PROVIDE PAINTED HANDICAPPED SYMBOL IN DESIGNATED PARK.
  3. EXISTING ELEVATIONS TAKEN FROM SURVEY BY: APEX ENGINEERING, INC. DATE: 6-9-86
  4. SPAULDING SITE LIGHTING PACKAGE(S) TO BE FURNISHED BY OWNER AND INSTALLED UNDER SPECIFICATIONS, SECTION 16A ELECTRICAL.
- PACKAGE NO. 1  
(1) LBS-250-25 HPS W/LAMP  
(1) BRACKET 282-B
- PACKAGE NO. 2  
(1) LBS-250-25 HPS W/LAMP  
(1) BRACKET 215-B2  
(1) POLE-24 SOST
- PACKAGE NO. 5  
(2) LBS-400-45 SMH W/LAMP  
(1) LBS-400-22 HPS W/LAMP  
(1) BRACKET 215-B3  
(1) POLE 26 SOST
- PACKAGE NO. 3  
(1) BRACKET 215-B3  
(1) LBS-250-25 HPS W/LAMP  
(2) LBS-400-45 SMH W/LAMP  
(1) POLE-26 SOST
- PACKAGE NO. 4  
(1) LBS-250-25 HPS W/LAMP  
(1) LBS-400-45 SMH W/LAMP  
(1) BRACKET 215-B2  
(1) POLE-24 SOST
- PACKAGE NO. 10  
2 OA-1000-M-15 W/LAMP  
(1) LBS-400-HDS-25 W/LAMP  
(1) BRACKET 215-B3  
(1) POLE 26 SOST

LEGEND	LOCATION
	City: <b>COLUMBIA</b>
	Street Address: <b>5810 ROBERT OLIVER PL</b>
	<b>VILLAGE OF OAKLAND MILLS</b>
	County: <b>HOWARD</b>
	State: <b>MARYLAND</b>
	Sub: <b>VOM, 311, LOT 1, 6TH E.D.</b>
SITE INFORMATION	
PARKING SPACES: REGULAR _____ HANDICAPPED _____ OTHER (SPECIFY TYPE) _____ TOTAL _____	
PARK SIZE _____	
LOT AREA _____	
PAVED AREA _____	
SEWER SERVICE _____	
WATER SERVICE _____	
GAS SERVICE _____	
ELECTRICAL SERVICE _____	
FRONT SETBACK _____	
RIGHT SETBACK _____	
REAR SETBACK _____	
LEFT SETBACK _____	
SIGN _____	

REVISIONS			
DATE	BY	DESCRIPTION	CHKD

**Hardee's**

**HARDEE'S FOOD SYSTEMS, INC.**

ARCHITECTURE AND ENGINEERING DEPT.

1233 N. CHURCH ST.

ROCKY MOUNT, N. C. 27801

PHONES: (919) 977-8666 (919) 977-2000

BUILDING MODEL NO. \_\_\_\_\_

SHEET TITLE: **NOTES, DETAILS & SPECIFICATIONS**

THESE DRAWINGS ARE THE PROPERTY OF HARDEE'S FOOD SYSTEMS, INC., 1233 N. CHURCH ST., ROCKY MOUNT, N. C. 27801, AND SHALL NOT BE USED, COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM THE OWNER.

**SDP SHEET 4 OF 5**

DRAWN BY: G.S.G.	SHEET NO. 5-28
CHECKED BY: S.S.C.	DATE: 5-15-87
SCALE: 1" = 20'	OF 57
PROJ. NO. _____	

**APEX ENGINEERING, INC.**

ENGINEERS, SURVEYORS & PLANNERS

110 OLD SOLOMONS ISLAND RD.

ANNAPOLIS, MARYLAND 21401

(301) 841-6737



**NOTES, DETAILS & SPECIFICATIONS**

**OWNER**

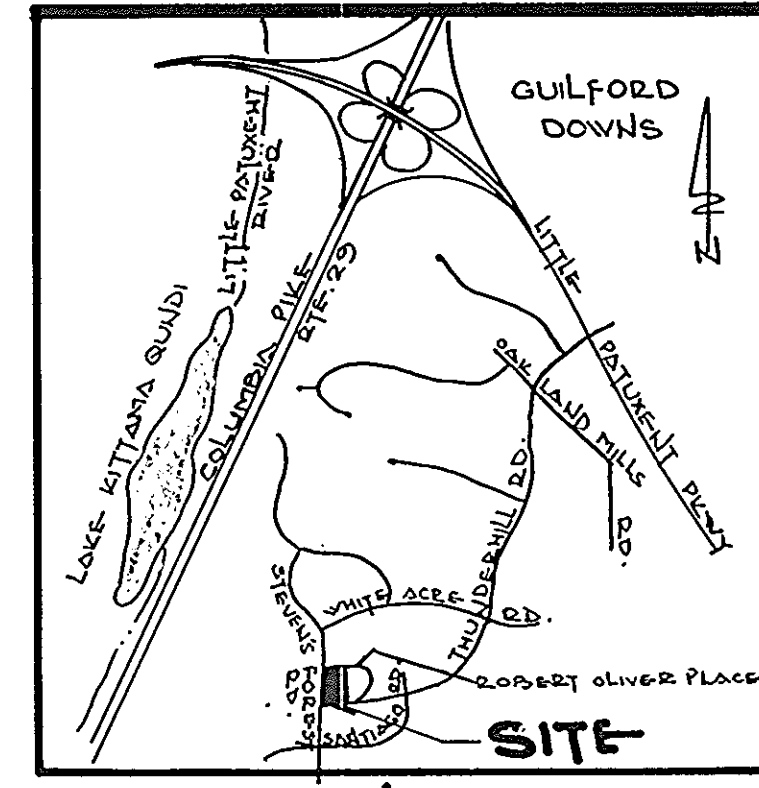
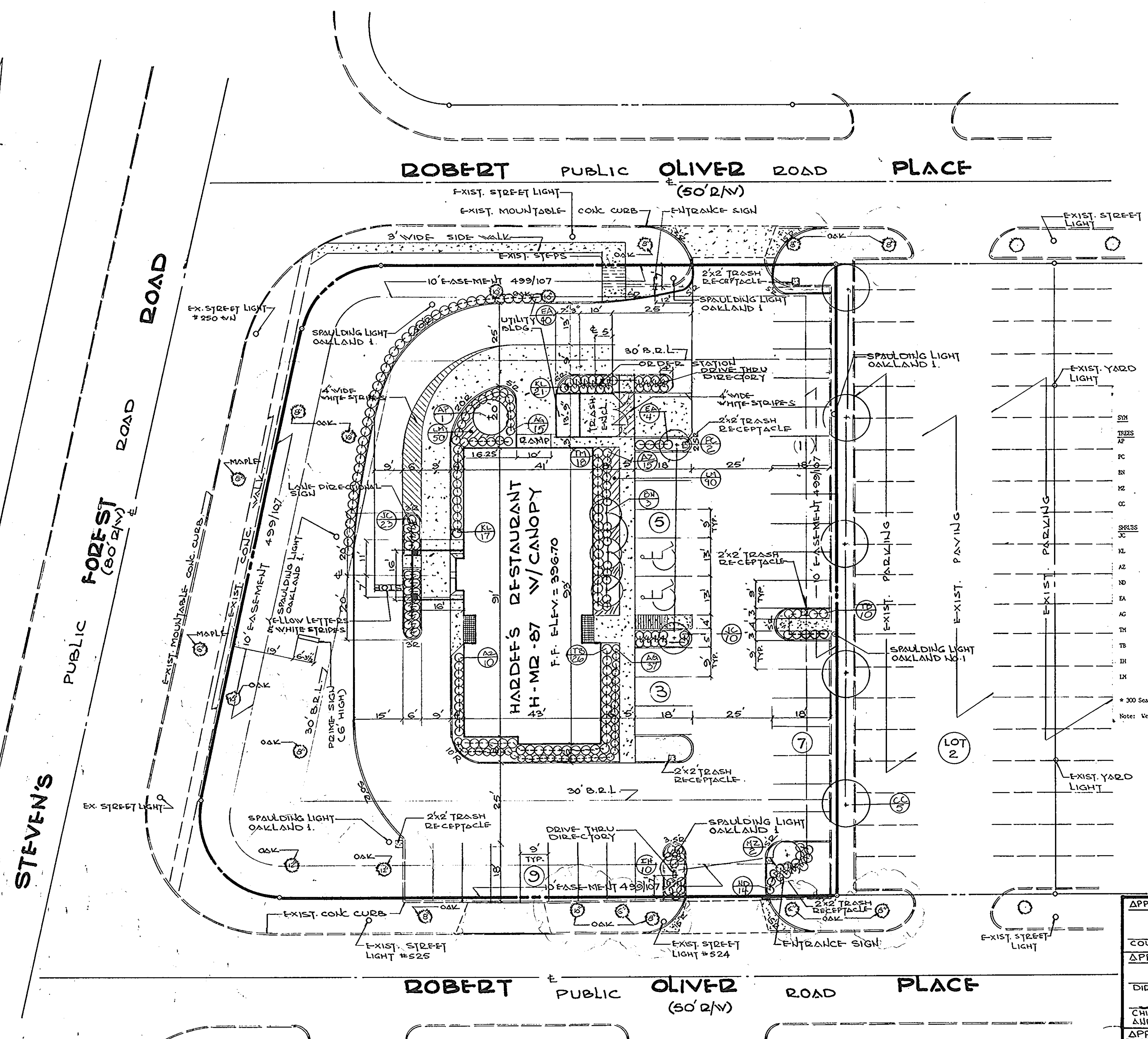
**DINO'S INC.**

C/O JOHN P. HEALY

HAWTHORNE EXECUTIVE CENTER

10715 CHARTER DRIVE, SUITE 100

COLUMBIA, MARYLAND, 21044



**SITE VICINITY MAP**  
SCALE: 1" = 200'

SYM	QTY	BOTANICAL/COMMON NAME	SIZE	CONDITION
TR	1	Acer palmatum 'Bloodgood'	5-6'	B & B
TR	2	Bloodgood Japanese Maple	2-2 1/2'	B & B
PC	2	Pyrus calleryana 'Redspire'	10-12'	B & B
RS	3	Redspire Pear	10-12'	B & B
RS	2	Heritage Birch (single stem)	1 3/4"-2"	B & B
CC	5	Yucca and Zami Crapogeia	2-2 1/2'	B & B
SPR	43	Washington Hawthorne		
SPR	33	Juniperus conferta	18-20"	cont.
SPR	33	Shore Juniper	24-30"	B & B
AZ	25	Kalmia latifolia	18-20"	cont.
TR	24	Yucca filamentosa 'Hino-Crisson'	15-18"	cont.
TR	24	Hino-Crisson Yucca	15-18"	cont.
TR	24	Nandina domestica 'Nana'	18-24"	cont.
TR	24	Dwarf Nandina	18-24"	cont.
TR	24	Eucalyptus alatus compacta	15-18"	cont.
TR	24	Dwarf Burning Bush	15-18"	cont.
TR	24	Rhododendron 'Gump'	15-18"	cont.
TR	24	Guigo Azalea	24-30"	B & B
TR	24	Taxus x media 'Hicksii'	18-24"	B & B
TR	24	Hicksii Yew	18-24"	B & B
TR	24	Taxus baccata 'Repens'	15-18"	cont.
TR	24	Repens Yew	15-18"	cont.
TR	24	Illex crenata 'Helleri'	15-18"	cont.
TR	24	Helleri Holly	15-18"	cont.
TR	24	Liriodendron variegata	1 gal.	cont.
TR	24	Variegated Liriodendron	1 gal.	cont.

\* 300 Seasonal flowers to be placed at landscape contractors discretion.  
Note: Weed control mat to be placed in all plant beds.

**CONSTRUCTION NOTES**

- REFER TO SHEET S2 OF S6 FOR DEMOLITION AND/OR GRADING PLAN.
  - MAXIMUM SLOPE FOR HANDICAPPED RAMP SHALL NOT EXCEED 5%. PROVIDE PAINTED HANDICAPPED SYMBOL IN DESIGNATED PARK.
  - EXISTING ELEVATIONS TAKEN FROM SURVEY BY: APEX ENGINEERING, INC. DATE: 6-9-86
  - SPALDING SITE LIGHTING PACKAGE(S) TO BE FURNISHED BY OWNER AND INSTALLED UNDER SPECIFICATIONS, SECTION 16A ELECTRICAL.
- PACKAGE NO. 1  
(1) LBS-250-25 HPS W/LAMP  
(1) BRACKET 282-B
- PACKAGE NO. 2  
(1) LBS-250-25 HPS W/LAMP  
(1) LBS-250-25 SMH W/LAMP  
(1) BRACKET 215-B2  
(1) POLE-24 SOST
- PACKAGE NO. 3  
(1) BRACKET 215-B3  
(1) LBS-250-25 HPS W/LAMP  
(1) LBS-400-45 SMH W/LAMP  
(1) POLE-26 SOST
- PACKAGE NO. 4  
(1) LBS-250-25 HPS W/LAMP  
(1) LBS-400-45 SMH W/LAMP  
(1) BRACKET 215-B2  
(1) POLE-24 SOST
- PACKAGE NO. 5  
(2) LBS-400-45 SMH W/LAMP  
(1) LBS-400-22 HPS W/LAMP  
(1) BRACKET 215-B3  
(1) POLE 26 SOST
- PACKAGE NO. 10  
2 OA-1000-M-15 W/LAMP  
(1) BRACKET 216-B3  
(1) POLE 26 SOST
- AREA OF PARCEL : 36,094 S.F. (0.829 AC)
  - EXISTING ZONING : EMPLOYMENT CENTER COMMER
  - GROSS AREA OF BLDG. : 3841 S.F.
  - PROPOSED USE : HARDEE'S RESTAURANT W/DRIVE THRU
  - NO. OF SEATS & NO. OF EMPLOYEES : 90 & 10
  - NO. OF PARKING SPACES REQ'D : 90+3+10+2=30+5=35
  - NO. OF PARKING SPACES PROVIDED : 35
  - GREEN AREA TO REMAIN ON SITE : 11,410 S.F. = 31.61%
  - BLDG. COVERAGE ON SITE : 24,684 S.F. = 68.39%
  - HEIGHT OF BUILDING : 16 FT.

**LEGEND**

- EXISTING FEATURES
- PROPOSED FEATURES
- TILES
- CONCRETE
- LANDSCAPE AREA

**LOCATION**

**COLUMBIA**  
City  
Street Address: 801 ROBERT OLIVER PL.  
**VILLAGE OF OAKLAND MILLS**  
County: HOWARD  
State: MARYLAND  
Sect: VOM, 2/1, LOT 1, 6<sup>TH</sup> ED.

**SITE INFORMATION**

PARKING SPACES REGULAR	33
HANDICAPPED	2
OTHER (SPECIFY TYPE)	
TOTAL	35

PARK SIZE: 9' x 18'  
LOT AREA: 36,094 S.F. (0.829 AC)  
PAVED AREA:  
SEWER SERVICE: ROBERT OLIVER PLACE  
WATER SERVICE:  
GAS SERVICE:  
ELECTRICAL SERVICE:  
FRONT SETBACK: 30'  
RIGHT SETBACK: AS SHOWN  
REAR SETBACK: " "  
LEFT SETBACK: " "  
SIGN SIZE & SET BACK AS PER SIGN PERMIT

**REVISIONS**

DATE	BY	DESCRIPTION	CHKD
5-6-87		ADDED ADDITIONAL LANDSCAPE AREAS, TRASH RECEPTACLES & SPALDING LIGHTS TO NORTH OF PROPERTY AND RELOCATED PRIME-SIGN AND MADE CHANGES AS PER HOWARD COUNTY CHECKLIST.	
6-15-87		RELOCATED DRIVE THRU & ENTRANCE SIGNS.	
7-2-87		REVISED AS PER DEP AND P&Z COMMENTS OF 6-15-87	
7-21-87		REVISED AS PER PLANNING BOARD COMMENTS OF 7-8-87 AND P&Z COMMENTS OF 6-12-87.	

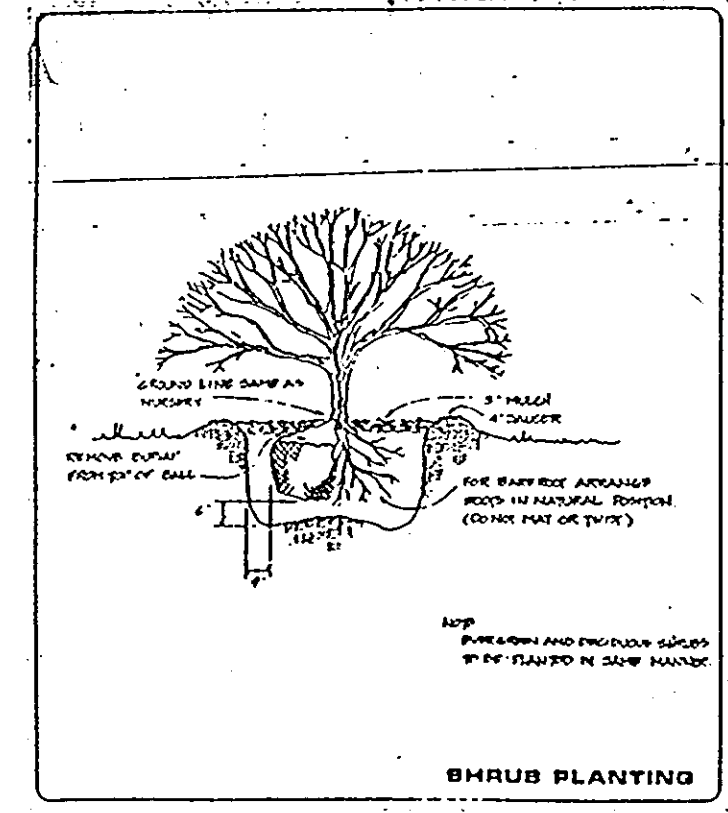
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
*James M. Boyd, M.D., J.F.* 8-4-87  
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD CO. OFFICE OF PLANNING & ZONING  
*W. P. Am...* 8-5-87  
DATE

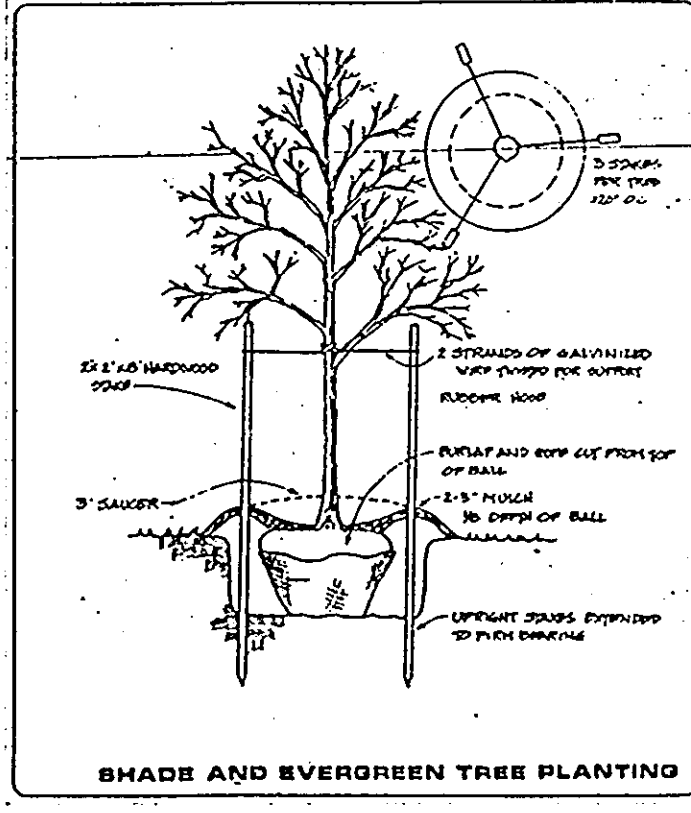
DIRECTOR  
*John W. Mac...* 8-4-87  
DATE  
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS & PUBLIC ROADS  
HOWARD CO. DEPARTMENT OF PUBLIC WORKS.  
*James W. Lewis* 8/6/87  
DATE  
CHIEF BUREAU OF ENGINEERING

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE: 7-8-87  
*W. P. Am...*



**LANDSCAPE PLAN**  
SCALE: 1" = 20'

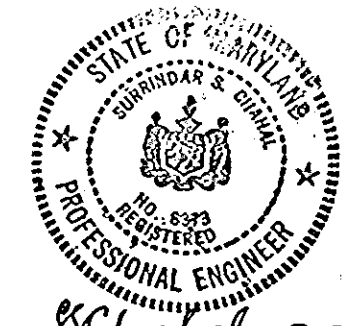


**SHADE AND EVERGREEN TREE PLANTING**

**OWNER**

DINO'S INC.  
C/O JOHN P. HEALY  
HAWTHORNE EXECUTIVE CENTER  
10715 CHARTER DRIVE SUITE 100  
COLUMBIA, MARYLAND, 21044

**APEX ENGINEERING, INC.**  
ENGINEERS, SURVEYORS & PLANNERS  
110 OLD SOLOMONS ISLAND ROAD  
ANNAPOLIS, MARYLAND, 21401  
(301) 841-6737



Charles S. Chahel 3-20-87

**Hardee's**  
HARDEE'S FOOD SYSTEMS, INC.  
ARCHITECTURE AND ENGINEERING DEPT.  
1233 N. CHURCH ST.  
ROCKY MOUNT, N. C. 27801  
PHONES: (919) 977-8666 (919) 977-2000

BUILDING MODEL NO: H-MD-87 W/CANOPY  
SHEET TITLE: **LANDSCAPE PLAN**

THESE DRAWINGS ARE THE PROPERTY OF HARDEE'S FOOD SYSTEMS, INC., 1233 N. CHURCH ST., ROCKY MOUNT, N. C. 27801, AND SHALL NOT BE USED, COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM THE OWNER.

**SDP SHEET 5 OF 5**

DRAWN BY: G.S.G.	SHEET NO.
CHECKED BY: S.S.C.	5/7
DATE: 3-20-87 SCALE: 1" = 20'	OF 5-7
PROJ. NO.	