

VICINITY MAP
SCALE: 1"=500'

NAME	DATE	REVISION
FCC	4/14/86	HOCO COMMENTS 37
D.A.N.	8/9/87	HOCO COMMENTS 12, 17, 18

DWG #:	STAMP
SA-1	

TITLE

COLUMBIA MD
GUILFORD ROAD

SITE
DEVELOPMENT
PLAN

SHOP NO. 1018	DATE FEB 10, 1986
NAME FCC	
SCALE AS SHOWN	
CH BY FCC	

Friendly Restaurants
1855 Boston Road, Wilbraham, MA 01896, (413) 543-2400

Friendly Ice Cream Corporation

YARD REQUIREMENTS		SITE DATA	
FRONT	15'	BUILDING	2,500 S.F.
SIDE	10'	PLOT (TOTAL)	15,072 S.F.
SIDE	10'	PLOT (C.U.P.)	15,072 S.F.
REAR	5'	PLOT (PAVED)	15,072 S.F.
		PAVING	15,072 S.F.

ADDRESS CHART

PARCEL #	STREET ADDRESS
PAR A	6000 GUILFORD RD (MD 21043)

APPROVED: *[Signature]* 4-2-86

OWNER:
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044
(301) 992-6000

DEVELOPER:
FRIENDLY RESTAURANTS
FRIENDLY ICE CREAM CORPORATION
1855 BOSTON ROAD
WILBRAHAM, MASS. 01896
(413) 543-2400

- GENERAL NOTES:
- TOTAL AREA OF PARCEL: 0.828 AC.±
 - PLAT REFERENCE: PLAT NO. 6278
 - PRESENT ZONING OF PROPERTY: NEW TOWN/COMMERCIAL
 - PROPERTY IS SHOWN ON TAX MAP 42, PART OF PARCEL 13
 - FDP CRITERIA PER PHASE 173 PART IV, PLAT NO. 3054A-733
 - PARKING DATA:
 - INTENDED USE OF STRUCTURE: RESTAURANT
 - TOTAL AREA OF BUILDING: 3805 S.F. OR 0.09 AC.± (10% COVERAGE)
 - TOTAL NUMBER OF SPACES REQUIRED (PER ZONING REGULATIONS): 39 SPACES
 - 1 SPACE/4 SEATS PLUS 1 SPACE/2 EMPLOYEES WORKING ON MAJOR SHIFT
 - TOTAL NUMBER OF SEATS: 138
 - 138 SEATS ÷ 4 = 34.5
 - 9 EMPLOYEES ÷ 2 = 4.5
 - 39.0
 - ALTERNATE: 1 SPACE/200 SQ. FT. OF FLOOR AREA
3805 S.F. ÷ 200 = 19.0
 - TOTAL NUMBER OF SPACES PROVIDED: 50 SPACES
 - STANDARD SPACES (9'x18'): 48
 - HANDICAPPED SPACES (8'x18'): 2
 - OPEN SPACE (GREEN AREA): 0.23 AC.± (28%)
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2437.
 - HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED".
 - ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
 - EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
 - THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY BUILDING DIMENSIONS.
 - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
 - STORMWATER MANAGEMENT FOR THIS PROJECT HAS BEEN PROVIDED UNDER F-80-96.
 - SEE DRAWINGS SD-1 AND SD-2 FOR SITE DETAILS.

GENERAL NOTES:

- (1) TAP OFF MAIN BY HOWARD COUNTY UTILITIES DEPT. (MIN. 2" FROM EXISTING W.H.C.)
- NEW VAULT TO BE SUPPLIED & INSTALLED BY P.C. W/ APPROVAL OF HOWARD COUNTY UTILITIES DEPT. 1 METER IN VAULT TO BE INSTALLED & SUPPLIED BY H.C. UTIL. DEPT.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE
I HEREBY CERTIFY THAT THIS 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.

[Signature] 2/20/86
SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

[Signature] 2-20-86
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
[Signature] 5-2-86
U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:
[Signature] 5/2/86
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING
[Signature] 5-14-86
PLANNING DIRECTOR DATE

[Signature] 5-14-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS
[Signature] 5-13-86
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
[Signature] 5-8-86
DIRECTOR/PUBLIC WORKS DATE

[Signature] 5-8-86
CHIEF, BUREAU OF ENGINEERING DATE

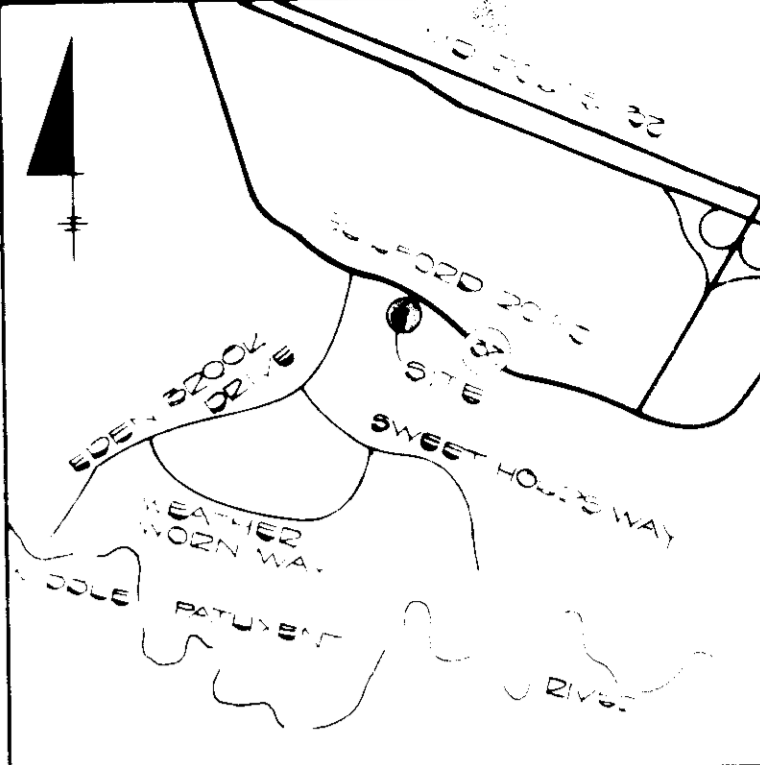
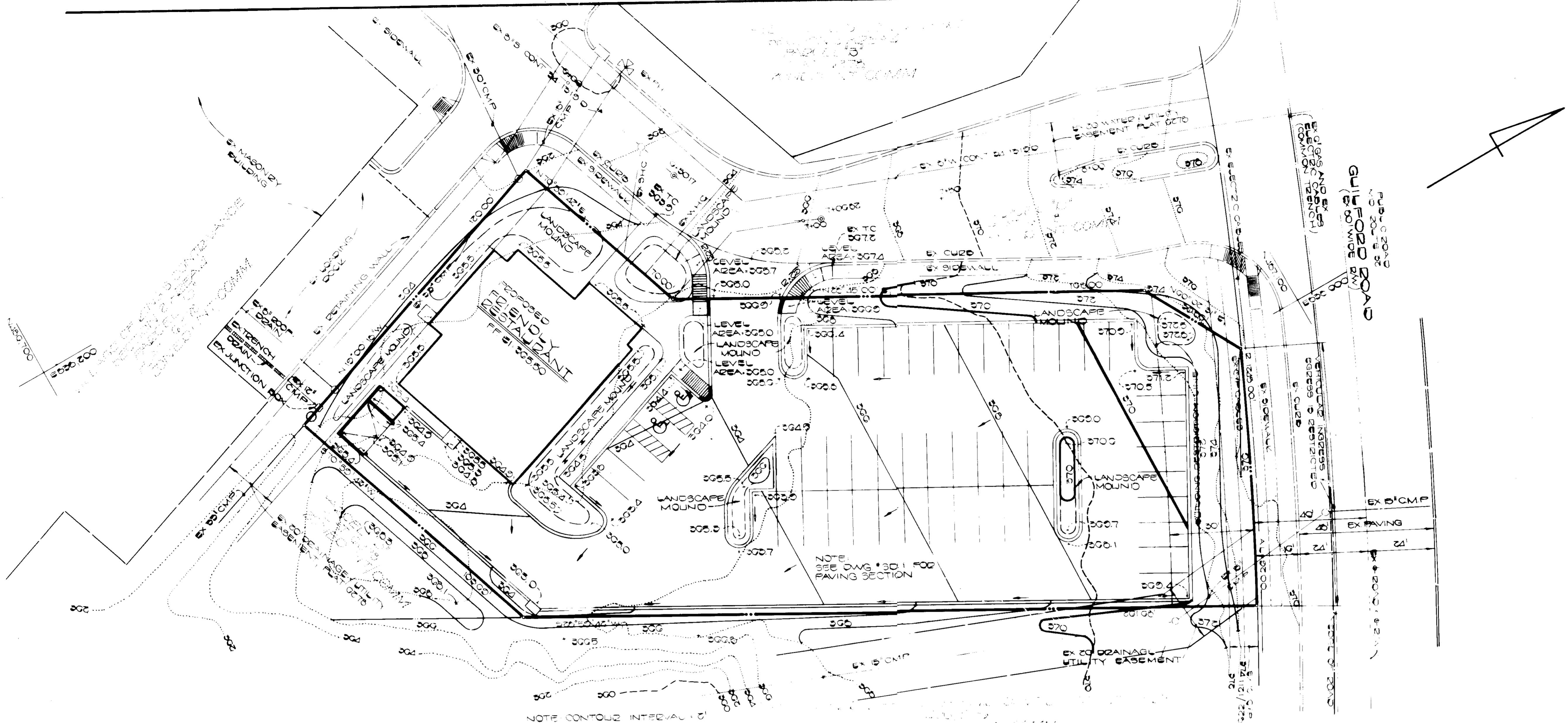
SUBDIVISION	SECTION/AREA	PARCEL
VILLAGE OF KINGS CONTRIVANCE	2/A	A

PLAT NO.	BLOCK NO.	TAX/ZONE	ELEC. DIST.	CENSUS TR.
0278	7	COMM. 2E	GTH	GOCC

WATER CODE: E-12 SEWER CODE: G080000

SITE DEVELOPMENT PLAN
FRIENDLY RESTAURANT
VILLAGE OF KINGS CONTRIVANCE SECTION 2, AREA 2, PARCEL 1A

SIXTH ELECTION DIST. HOWARD CO MARYLAND
SCALE AS SHOWN DATE FEB 10, 1986
SHEET 1 OF 7



VICINITY MAP
SCALE 2500

NAME	DATE	REVISION
FCC	4/14/86	1000 COMMENTS 3/30/86

DWG #	STAMP
SG-1	

TITLE

COLUMBIA, MD
GUILFORD ROAD

SITE
GRADING
PLAN

SHOP NO 1015 DATE FEB 10, 1986

NAME FCC

SCALE AS SHOWN

CH BY FCC

Friendly **Friendly**
Ice Cream Corporation
1855 Boston Road, Wilbraham, MA 01095

YARD REQUIREMENTS	SETBACK	AREA
FRONT 5'	BUILDING 5'	3,000 SF
SIDE 10'	PLOT TOTAL 50,076 SF	
SIDE 10'	PLOT (B.U.P) 50,076 SF	
REAR 5'	PLOT PAVED 70,772 SF	
	PARKING 10	

BENCH MARK:
HOWARD CO CONTROL MONUMENT NO 2210009. A CONCRETE MONUMENT 10" BELOW SURFACE OF SECTION 7 NORTH OF NORTH EDGE OF EXISTING COLLECTOR PAVEMENT AND APPROXIMATELY 100' NORTH-EAST FROM THE NORTH-EAST CORNER OF PARCEL AT ELEVATION 375.134, 1982 U.S.G.S. DATUM.

PLAN
SCALE 1/20

NOTE: THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION HAS GIVEN PERMISSION TO GRADE IN THE PARCEL ADJACENT TO PARCEL A1

4-2-86
M. CHAM

OWNER:
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044
(301) 992-6000

DEVELOPER:
FRIENDLY RESTAURANTS
FRIENDLY ICE CREAM CORPORATION
1855 BOSTON ROAD
WILBRAHAM, MASS. 01095
(413) 543-2400

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE
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Charles J. Fisher
SIGNATURE OF ENGINEER
2/20/86
DATE

DEVELOPER'S CERTIFICATE
I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

David E. Loester
SIGNATURE OF DEVELOPER
2-20-86
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James M. New
U.S. SOIL CONSERVATION SERVICE
5-2-86
DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

Stephen L. Hark
DISTRICT APPROVED
4/2/86
DATE

APPROVED OFFICE OF PLANNING AND ZONING

James M. New
PLANNING DIRECTOR
5-14-86
DATE

John W. Macomber
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
5-14-86
DATE

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

Myron J. Johnson
HEALTH OFFICER
5-13-86
DATE

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

Walter F. Nemmy
DIRECTOR, PUBLIC WORKS
5-8-86
DATE

William R. Riley
CHIEF, BUREAU OF ENGINEERING
5-8-86
DATE

SUBDIVISION: VILLAGE OF KINGS CONTINGENCE SECTION/AREA: 2/A PARCEL: A

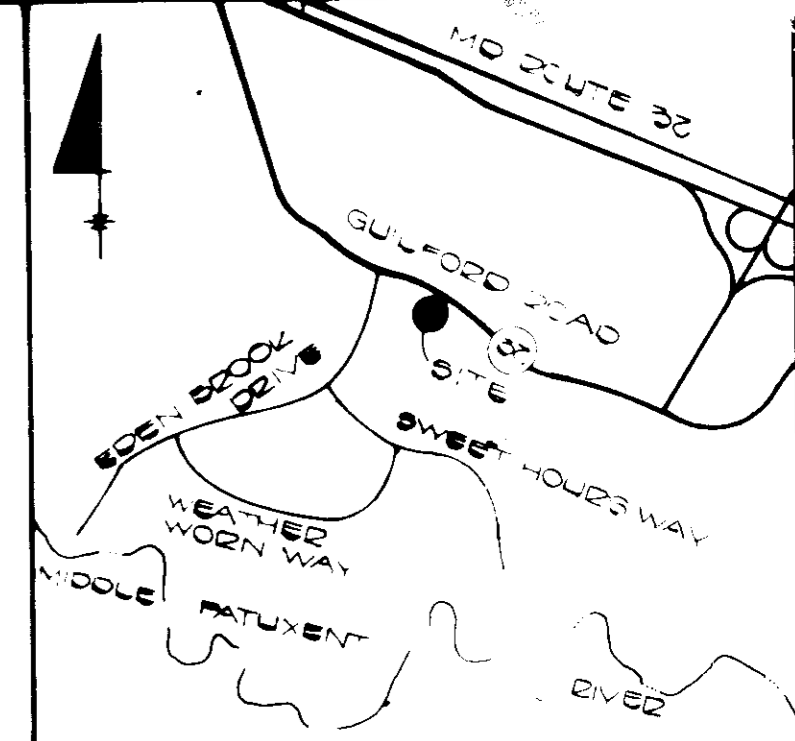
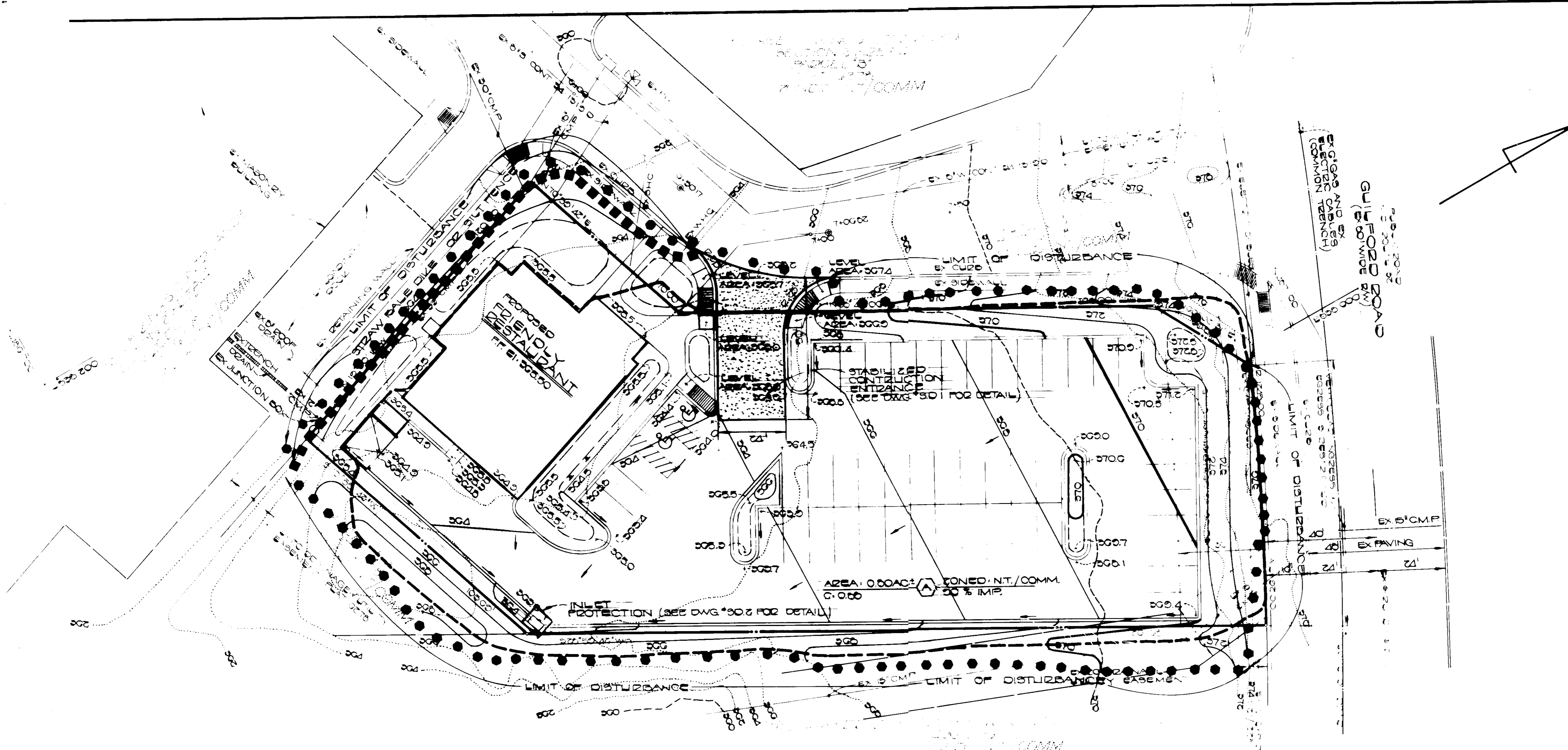
PLAT NO: 0276 BLOCK NO: 7 ZONE: COMM TAX/ZONE: 02 ELEC. DIST.: 04 CENSUS TR.: 0002

WATER CODE: 10 SEWER CODE: 0050000

GRADING PLAN
FRIENDLY RESTAURANT
VILLAGE OF KINGS CONTINGENCE SECTION 2 AREA 2 PARCEL 1A

SIXTH ELECTION DIST. HOWARD CO MARYLAND
SCALE AS SHOWN DATE FEB 10, 1986
SHEET 2 OF 7

Charles J. Fisher



VICINITY MAP
SCALE 1"=100'

NAME	DATE	REVISION
FCC	4/14/86	100 COMMENTS 3/20/86

DWG #	STAMP
SC-1	

TITLE
COLUMBIA, MD. GUILFORD ROAD

SEDIMENT CONTROL PLAN

SHOP NO. 1015	DATE FEB 10, 1986
NAME FCC	
SCALE AS SHOWN	
CH BY FCC	



MASS REQUIREMENTS	SIZE	DATE
FRONT	15'	BUILDING
SIDE	10'	PLOT TOTAL
SIDE	10'	PLOT (OVP)
REAR	5'	PLOT (PALLETS)
		PARKING

BENCH MARK:
HOWARD CO CONTROL MONUMENT NO. 2240000, A CONCRETE MONUMENT 100' BELOW SURFACE OF GROUND, 7' NORTH OF NORTH EDGE OF EXISTING ROUTE 30 PAVEMENT AND APPROXIMATELY 100' NORTHEASTERLY FROM THE NORTHEAST CORNER OF PARCEL 'A' ELEVATION 576.122, 1922 U.S.C.G.S. DATUM.

NOTE: CONTOUR INTERVAL: 0.5'

NOTE: THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION HAS GIVEN PERMISSION TO GRADE ON THE PARCEL ADJACENT TO PARCEL 'A'

- SITE ANALYSIS:**
- TOTAL AREA OF PARCEL: 0.83 AC. ±
 - TOTAL AREA TO BE DISTURBED: 0.83 AC. ±
 - TOTAL IMPERVIOUS AREA: 0.60 AC. ±
 - TOTAL AREA TO BE REVEGETATED: 0.23 AC. ±

LEGEND:

- ● ● ● ● LIMIT OF DISTURBANCE
- ■ ■ ■ ■ STRAW BALE DIKE OR SILT FENCE (SEE DWG # 30-1 FOR DETAIL)
- DRAINAGE AREA LIMITS

CONSTRUCTION SEQUENCE:

- | | |
|---------------------------|--|
| 1st WEEK | 1. OBTAIN GRADING PERMIT. |
| | 2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLAN. |
| | 3. INSTALL STRAW BALE DIKE/SILT FENCE. |
| 2nd-3rd WEEK | 4. GRADE SITE TO SUBGRADE. |
| | 5. CONSTRUCT STORM DRAIN SYSTEM. INSTALL INLET PROTECTION. |
| 4th-16th WEEK | 6. CONSTRUCT ALL OTHER ON-SITE UTILITIES. BEGIN BUILDING CONSTRUCTION. |
| | 7. COMPACT SUBGRADE FOR PARKING LOT. INSTALL BASE COURSE AND CURB AND GUTTER. PAVE PARKING LOT. |
| MAINTENANCE 1st-16th WEEK | 8. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS. |
| | 9. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED. |
| 16th WEEK | 10. STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH. |

OWNER:
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044
(301) 992-6000

DEVELOPER:
FRIENDLY ICE CREAM CORPORATION
1855 BOSTON ROAD
WILBRAHAM, MASS. 01095
(413) 543-2400

4-2-86
[Signature]

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
(301) 461-2855

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[Signature]
DATE 2/20/86

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[Signature] 2-20-86
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

[Signature] 5-2-86
DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT APPROVED

[Signature] 5/2/86
DATE

APPROVED OFFICE OF PLANNING AND ZONING

[Signature] 5-14-86
DATE

[Signature] 5-14-86
DATE

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

[Signature] 5-13-86
DATE

APPROVED DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

[Signature] 5-8-86
DATE

[Signature] 5-8-86
DATE

SUBDIVISION SECTION/AREA PARCEL

VILLAGE OF LINGS CONTINANCE 2 4 1 A

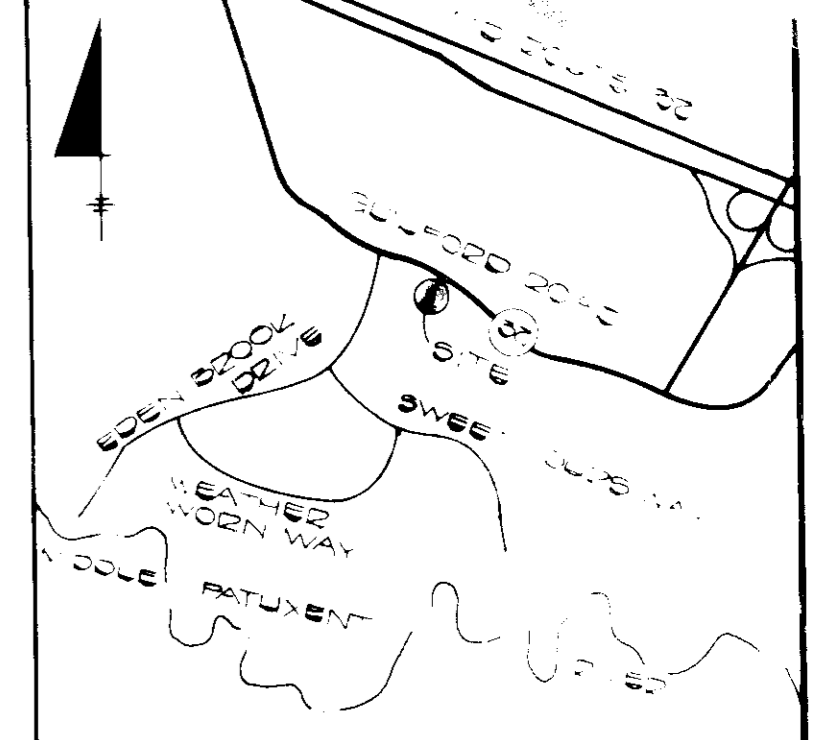
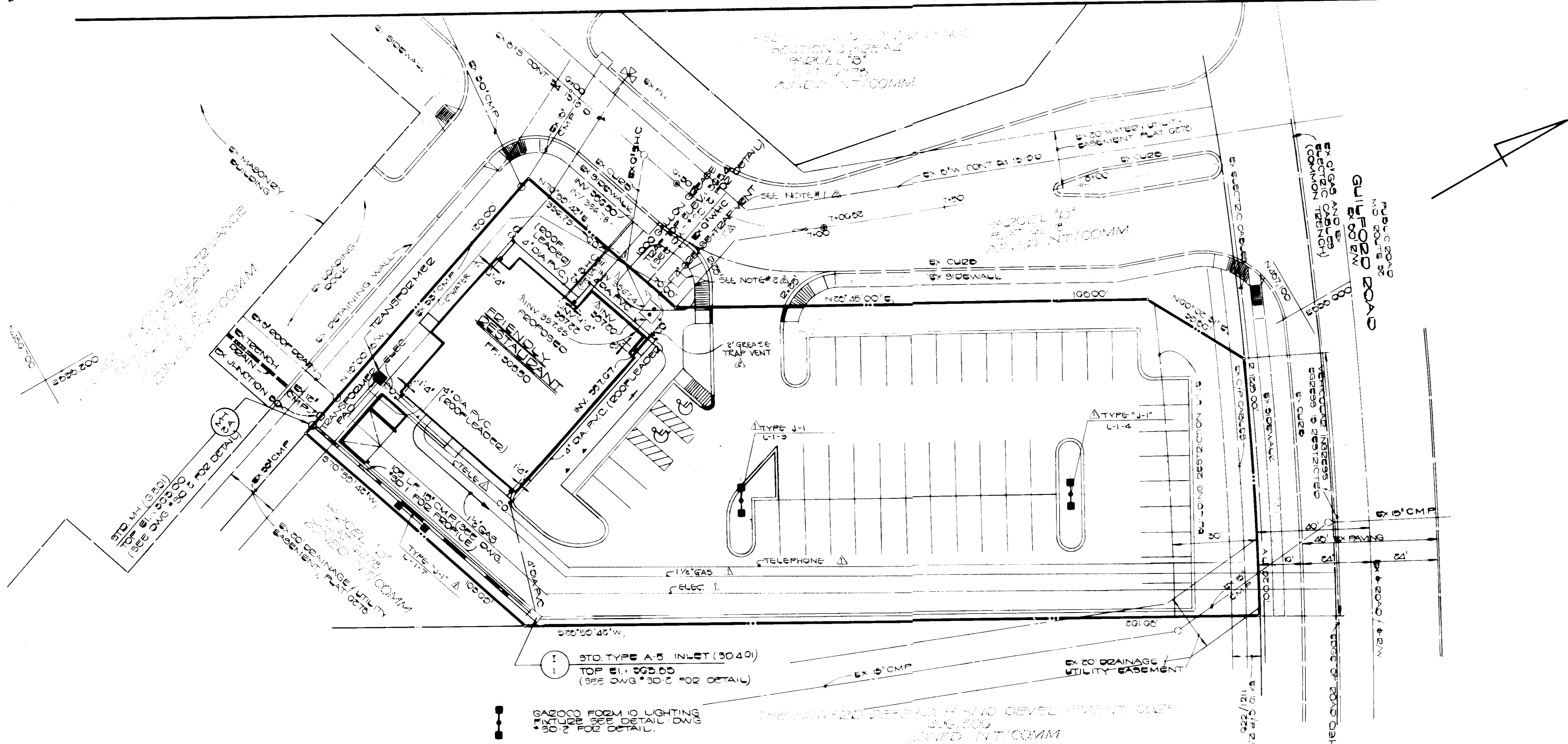
PLAT NO. BLOCK NO. ZONE TAX ZONE ELEC. DIST. CENSUS TR. GOTT COMM. JC GTH GOGG

WATER CODE 610 SEWER CODE 0250000

SEDIMENT CONTROL PLAN DRAINAGE AREA PLAN FRIENDLY RESTAURANT

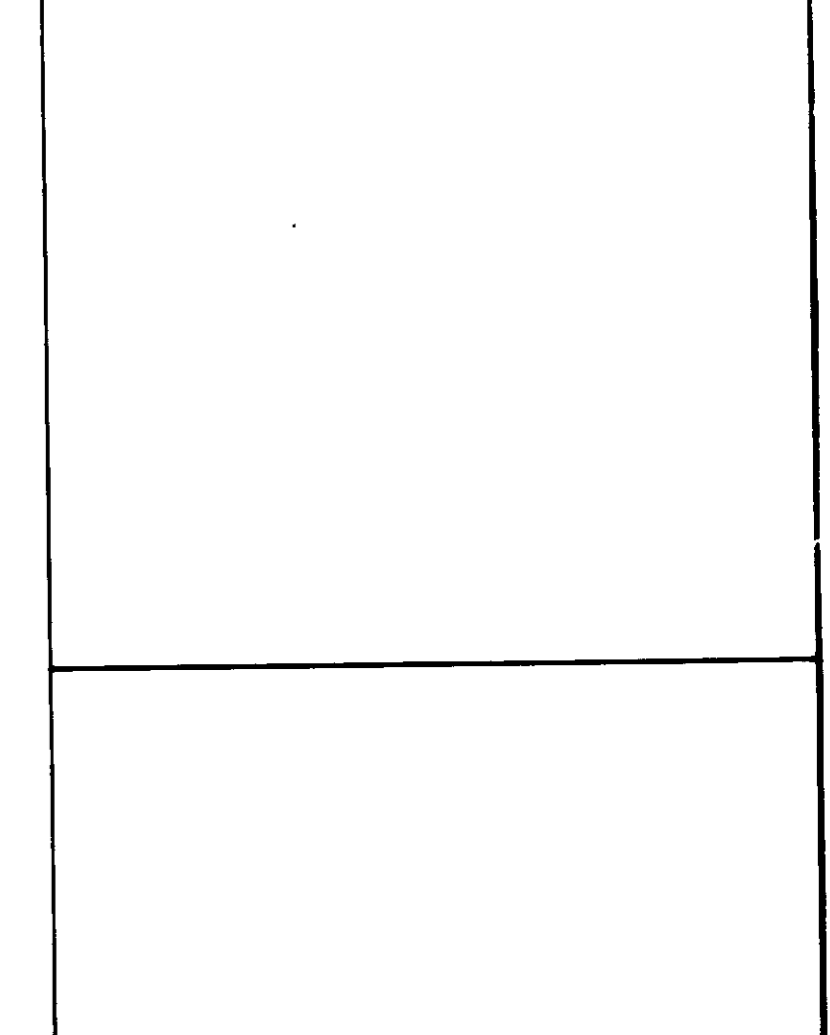
VILLAGE OF LINGS CONTINANCE SECTION/AREA 2 PARCEL 1 A

SOUTH ELECTION DIST. HOWARD CO MARYLAND SCALE AS SHOWN DATE FEB 10, 1986 SHEET 0 OF 7



VICINITY MAP
SCALE: 1" = 200'

NAME	DATE	REVISION
FCC	4/17/86	HQ COMMENTS 3/30/86
LAN	3/4/87	1 HQ COMMENTS 3/30/86
LAN	3/4/87	2 HQ COMMENTS 1/28/87



1 STD. TYPE A-5 INLET (30.40)
TOP E.L. 305.00
(SEE DWG # 30-2 FOR DETAIL)

GAZ000 FORM 10 LIGHTING
INCLUDE SEE DETAIL DWG
30-2 FOR DETAIL.

NOTE: EXACT TIE-IN LOCATIONS FOR UTILITIES TO BE VERIFIED IN FIELD.

NOTES:
1) TAP OFF MAIN BY HOWARD COUNTY UTILITIES DEPT (MIN 2' FROM EXISTING WHIC)
2) NEW VAULT TO BE SUPPLIED & INSTALLED BY P.C. // APPROVAL OF HOWARD COUNTY UTILITIES DEPT. 1" METER IN VAULT TO BE SUPPLIED & INSTALLED BY H.C. UTILITIES DEPT.

BENCH MARK
HOWARD CO CONTROL MONUMENT NO. 2220008. A CONCRETE MONUMENT 0.5' BELOW SURFACE OF GROUND, 7' NORTH OF NORTH EDGE OF EXISTING ROUTE 20 PAVEMENT AND APPROXIMATELY 100' NORTHEASTERLY FROM THE NORTHEAST CORNER OF PARCEL A. ELEVATION 375.136, 1989 U.S.C.G.S. DATUM.

OWNER:
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044
(301) 992-6000

DEVELOPER:
FRIENDLY RESTAURANTS
FRIENDLY ICE CREAM CORPORATION
1855 BOSTON ROAD
WILBRAMHAM, MASS. 01095
(413) 543-2400

4-2-86
M. ANNA

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

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Charles A. Carter
SIGNATURE OF ENGINEER
2-20-86
DATE

DEVELOPER'S CERTIFICATE
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

David E. Louster
SIGNATURE OF DEVELOPER
2-20-86
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James M. ... 5-2-86
U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED:
Stephen L. Flaherty
DISTRICT MANAGER
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

Thomas ... 5-4-86
PLANNING DIRECTOR DATE

John ... 5-4-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

James ... 5-13-84
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS, AND ROADS

Thomas ... 5-8-86
DIRECTOR, PUBLIC WORKS DATE

James ... 5-2-86
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION: VILLAGE OF KING'S CONTRIVANCE
SECTION/AREA: 2/A
PARCEL: 'A'

PLAT NO. G276
BLOCK NO. 7
WATER CODE: E-10

TAX/ZONE: COMM 22
ELEC. DIST: G-11
SEWER CODE: G050000

CENSUS TR. CODE: 0000

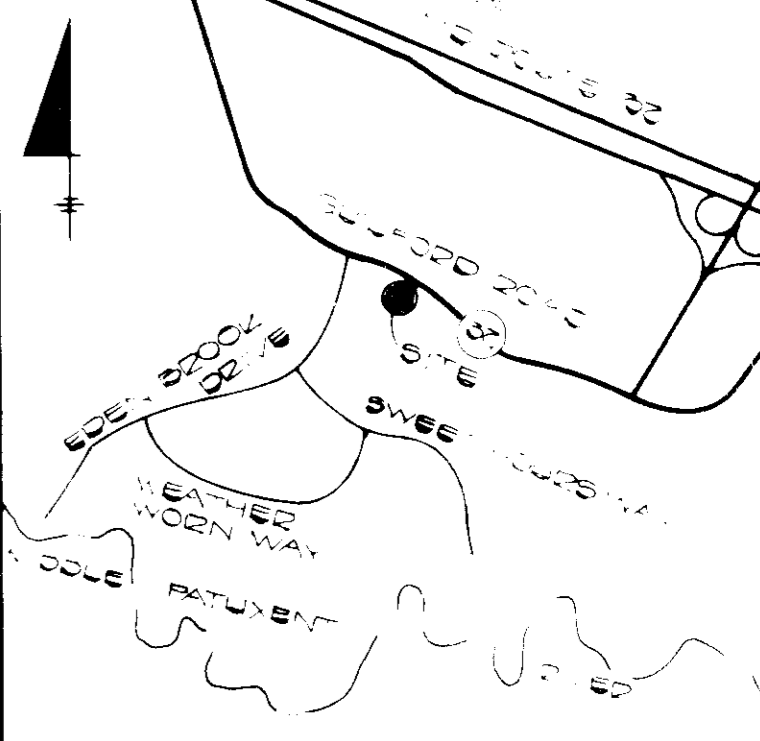
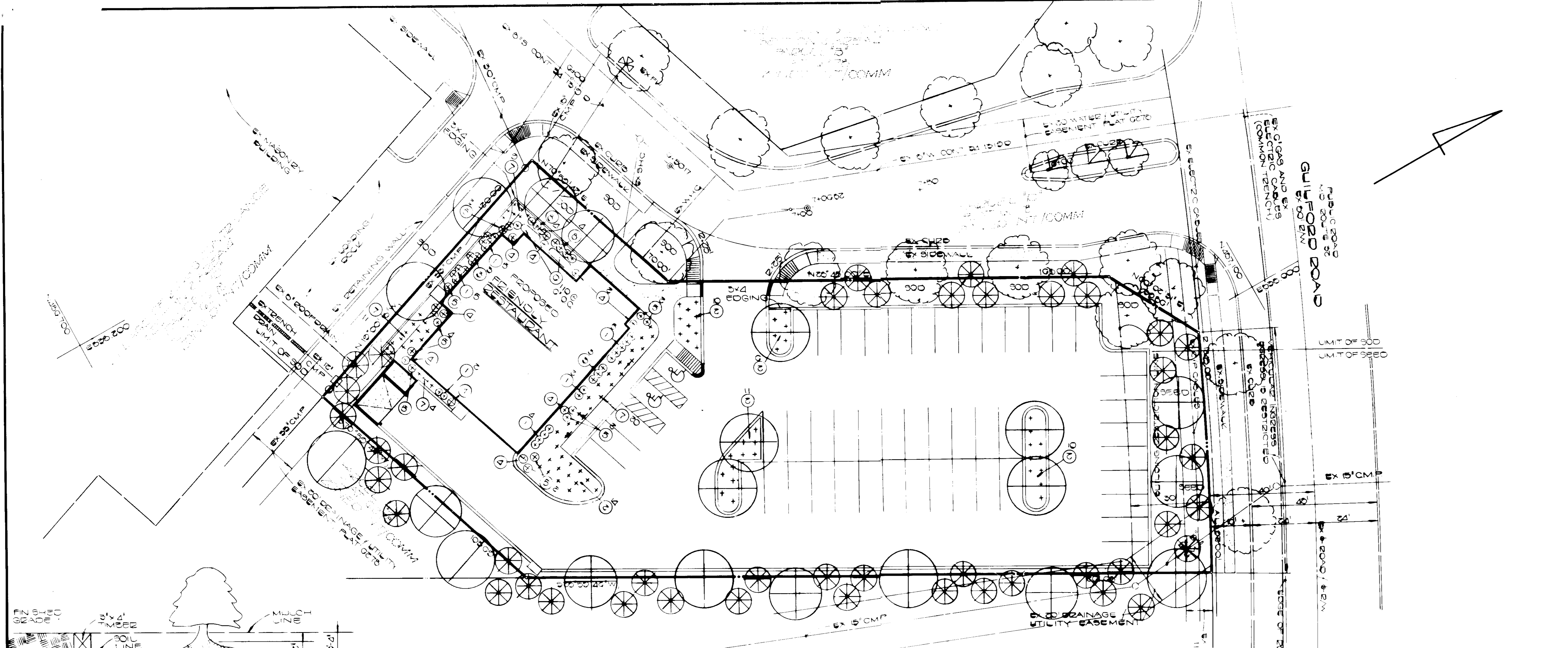
UTILITY PLAN
FRIENDLY RESTAURANT
VILLAGE OF KING'S CONTRIVANCE
SECTION 2 AREA 4
PARCEL 'A'

SIXTH ELECTION DIST. HOWARD CO MARYLAND
SCALE AS SHOWN DATE FEB 10, 1986
SHEET 4 OF 7

Charles A. Carter

YARD REQUIREMENTS

FRONT	SIDE	REAR	BUILDING	PLAT TOTAL	PLAT (PAVED)	PARKING
15'	10'	10'	3,000 SF	30,074 SF	30,074 SF	50



VICINITY MAP
SCALE 2000

NAME	DATE	REVISION
FCC	4/14/86	1000 COMMENTS 5/22/86

DWG #	STAMP
6-1	

TITLE
COLUMBIA, MD.
GUILFORD ROAD

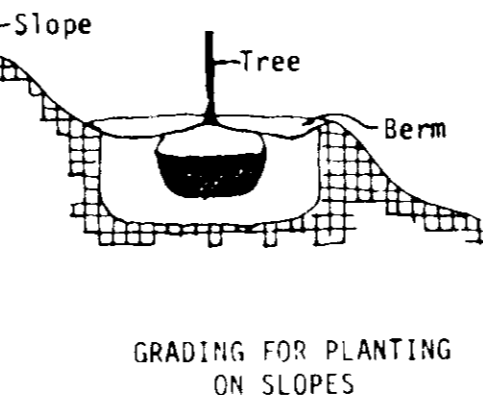
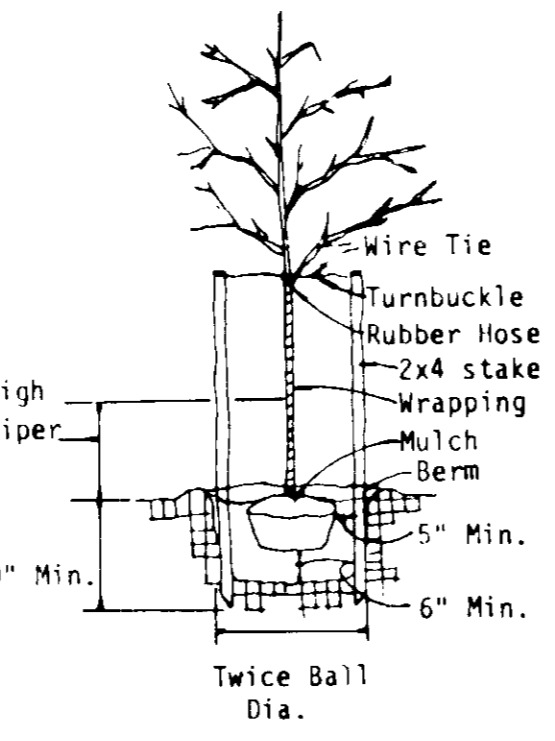
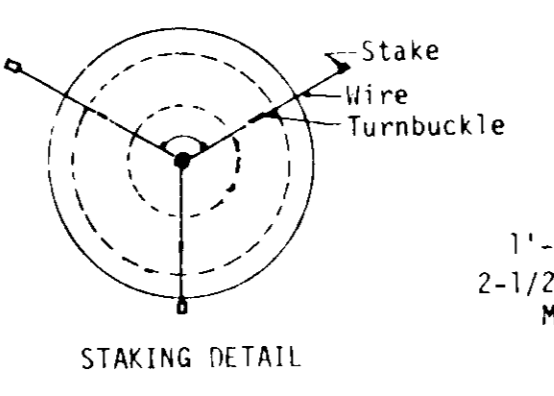
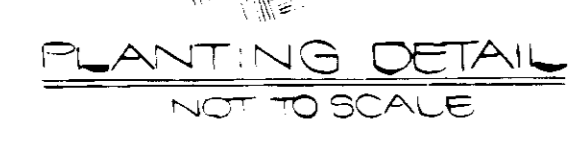
LANDSCAPE PLAN

SHOP NO	DATE
1015	FEB 10, 1986

NAME FCC
SCALE AS SHOWN
CH BY FCC

Friendly Restaurants
Friendly Ice Cream Corporation
1855 Boston Road, Woburn, Mass. 01898 413-943-2400

YARD	REQUIREMENTS	DATE
FRONT	10'	BUILDING 3500 SF
SIDE	10'	PLOT TOTAL 39,074 SF
SIDE	10'	PLOT (GOLF) 30,074 SF
REAR	5'	PLOT (PARK) 29,125 SF
		PARKING 30



LANDSCAPE LEGEND:

TREES TO BE PLANTED UNDER SDP-85-153 (SUPPLIED AND INSTALLED BY OTHERS)

- MARSHALL SEEDLESS ASH (FRAXINUS PENNSYLVANICA LANCEOLATA)
2 1/2" - 3" CALIPER MIN. 12'-14" HT. MIN.
- YOSHINO CHERRY/WASHINGTON HAWTHORN (PRUNUS YEDOENSIS/CRATAEGUS PHAENOPYRUM)
2 1/2" CALIPER MIN. (8'-10" HT. MIN.)
- 12 RED MAPLE (ACER RUBRUM)
2 1/2" - 3" CALIPER MIN. 12'-14" HT. MIN.
- 8 BRADFORD PEAR (PYRUS CALLERYANA BRADFORD)
2 1/2" CALIPER MIN. 8'-10" HT. MIN.
- 45 WHITE PINE (PINUS STROBUS)
2 1/2" CALIPER MIN. 6'-8" HT. MIN.

- NOTES:
- UNLESS OTHERWISE SPECIFIED, ALL PLANTER AREAS WHERE NO CURB OCCURS TO BE EDGED WITH 3 x 4 LONGLEAF YELLOW PINE - PRESSURE TREATED (OSMOSE). (APPROX. 140 FT. REQUIRED) SEE DETAIL "A".
 - EXCEPT AS NOTED: ALL PLANTERS TO RECEIVE 3" MIN. TO 4" MAX. LAYER OF BARK NUGGETS (SIZE 1/2"-1").
 - TOP SOIL TO BE PROVIDED BY OTHERS TO ROUGH GRADE (WITHIN 1" OF FINISH GRADE) FOR USE BY LANDSCAPING CONTRACTOR.
 - EACH PLANT TO BE IN THE TOP OF ITS SIZE CLASS AFTER SHEARING AND PRUNING.
 - EACH PLANT TO BE FREE FROM DISEASE, INSECT INFESTATION, AND MECHANICAL INJURIES, AND IN ALL RESPECTS BE SUITABLE FOR FIELD PLANTING.
 - ALL PLANTS TO BE FULLY GUARANTEED (LABOR AND MATERIAL) FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF INSTALLATION.
 - SOD - KENTUCKY 31 TALL FESCUE.
 - PLANTS TO CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1-1973 IN REGARD TO SIZING, GROWING, AND B&B SPECIFICATIONS.

PLANTING SCHEDULE

KEY	QTY.	LATIN NAME	SIZE	COMMON NAME
1	23	ILEX CRENATA CONVEXA	18"-24"	JAPANESE HOLLY
2	51	JUNIPERUS DEPRESSA PLUMOSA	2'-2-1/2'	LANDORRA JUNIPER
3	6	RHODODENDRON NOVA ZEMBLA	2'-1/2'-3'	RHODODENDRON
4	9	TAXUS CUSPIDATA CAPITATA	3'-3-1/2'	UPRIGHT JAPANESE YEW
5	15	PACHYSANDRA TERMINALIS	2'-2-1/2'	DENSE SPREADING YEW
6	110	PACHYSANDRA TERMINALIS	1 YEAR POTTED	JAPANESE SPURGE
7	44	JUNIPERUS HORIZONTALIS "BAR HARBOR"	18"-24"	"BAR HARBOR" JUNIPER
8	8	CAMELLIA SASANQUA "CLEOPATRA"	18"-24"	SASANQUA CAMELLIA

Chad Lamb

OWNER:
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION
10275 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044
(301) 992-6000

DEVELOPER:
FRIENDLY RESTAURANTS
FRIENDLY ICE CREAM CORPORATION
1855 BOSTON ROAD
WILBPHAM, MASS. 01095
(413) 543-2400

4-2-86
[Signature]

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE
I HEREBY CERTIFY THAT THIS 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

Chad Lamb
SIGNATURE OF ENGINEER
2-20-86
DATE

DEVELOPER'S CERTIFICATE
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY"

David E. Forester
SIGNATURE OF DEVELOPER
2-20-86
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James H. [Signature] 5-2-86
U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

Stephen P. [Signature] 4/13/86
DISTRICT OFFICER
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

James H. [Signature] 5-11-86
PLANNING DIRECTOR DATE

Chad Lamb 5-11-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

Joseph [Signature] 5-13-86
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

Walter [Signature] 5-8-86
DIRECTOR, PUBLIC WORKS DATE

William [Signature] 5-8-86
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION: VILLAGE OF KINGS CONTINGENCE
SECTION/AREA: 2/4
PARCEL: 'A'

PLAT NO: G27B
BLOCK NO: 7
ZONING: COMM 42
ELEC. DIST: GTH
CENSUS TR: 0002

WATER CODE: 6-10
SEWER CODE: 000000

LANDSCAPE PLAN
FRIENDLY RESTAURANT

VILLAGE OF KINGS CONTINGENCE SECTION 2, AREA 2 PARCEL 'A'

SIXTH ELECTION DIST: HOWARD CO MARYLAND
SCALE AS SHOWN DATE: FEB 10, 1986
SHEET 5 OF 7

SDP-86-171c

NAME	DATE	REVISIONS
FCC	4/8/86	1000 COMMENTS 5/20/86

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA 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. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 800 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.
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.
3. 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.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 10 LBS PER ACRE (2 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 (2 LBS/1000 SQ. FT.) OF KEEPING 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 PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW MULCH. APPLY 1% TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS 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 SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

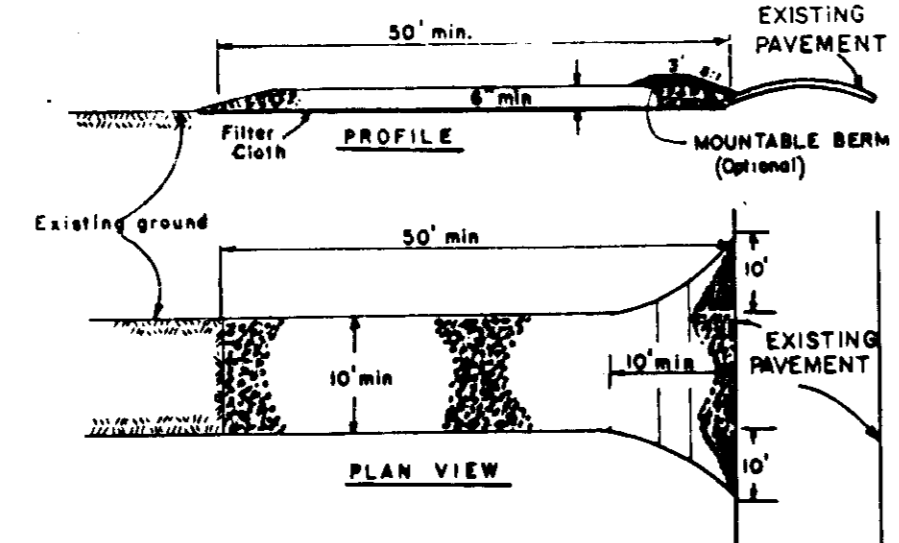
TEMPORARY SEEDING NOTES:

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.

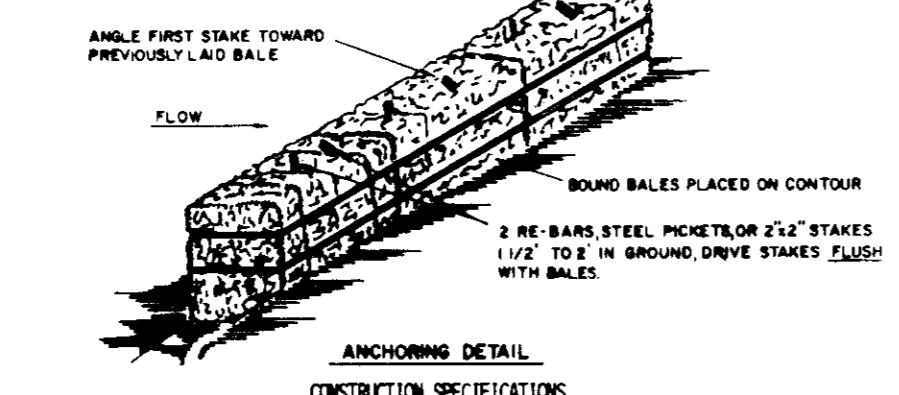
SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) SEEDING FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15. SEED WITH 20 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF KEEPING LOVEGRASS (0.7 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 SOO. MULCHING: APPLY 1% TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS 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.



- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 2. Length - As required, but not less than 30 feet (except on a single residential lot where a 30 foot minimum length would apply).
 3. Thickness - Not less than six (6) inches.
 4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residential lot.
 6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mounable beam with 5/1" slope will be provided.
 7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measure used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto 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.
 9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

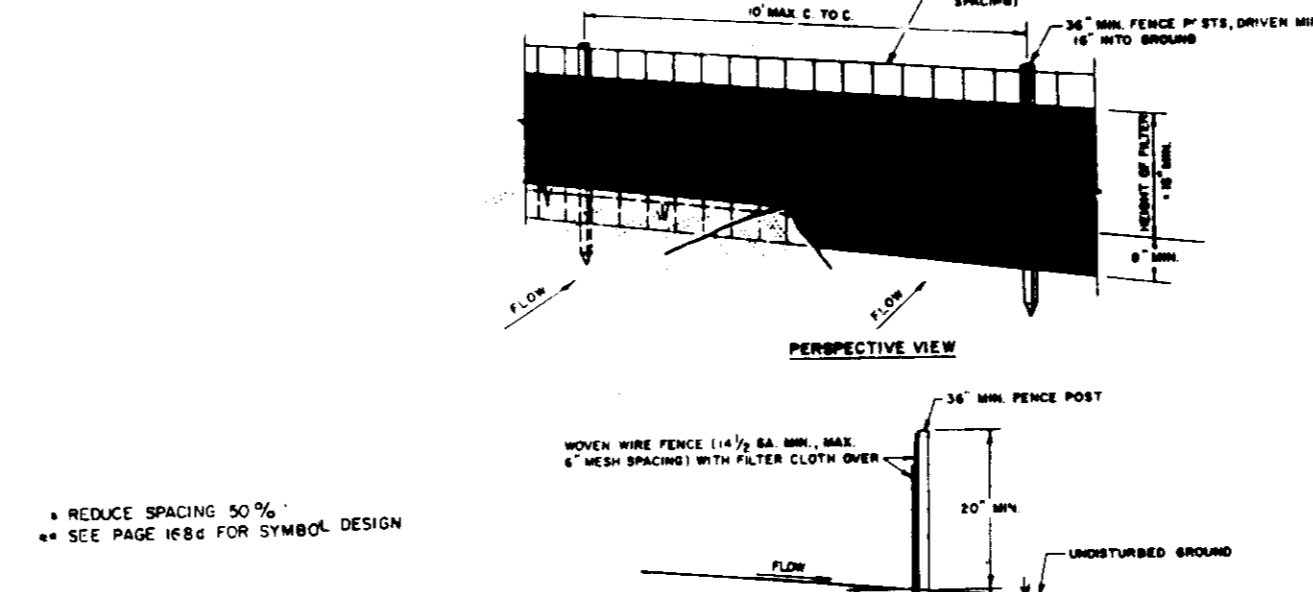
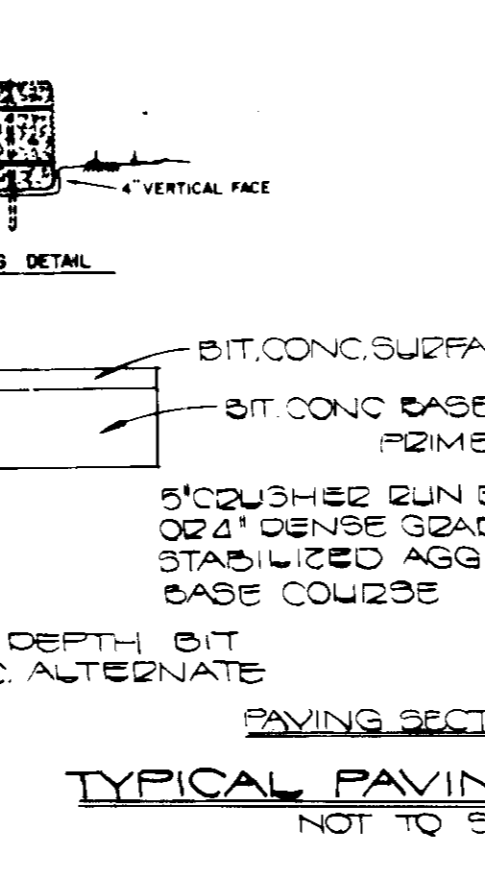


STRAW BALE DIKE
NOT TO SCALE



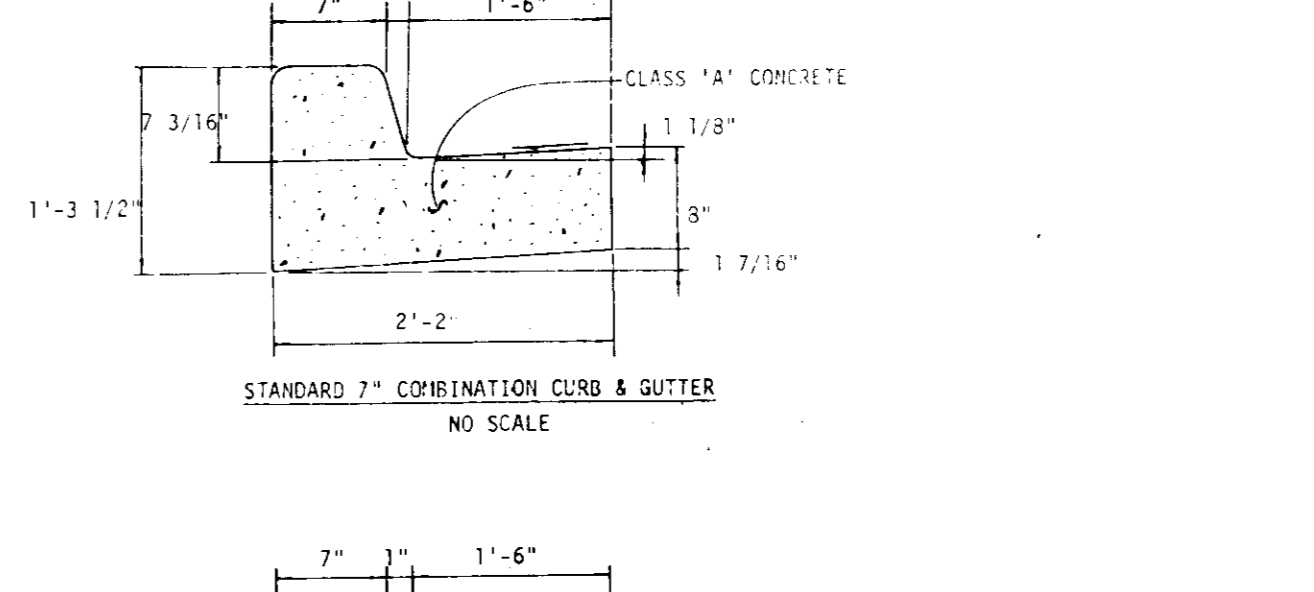
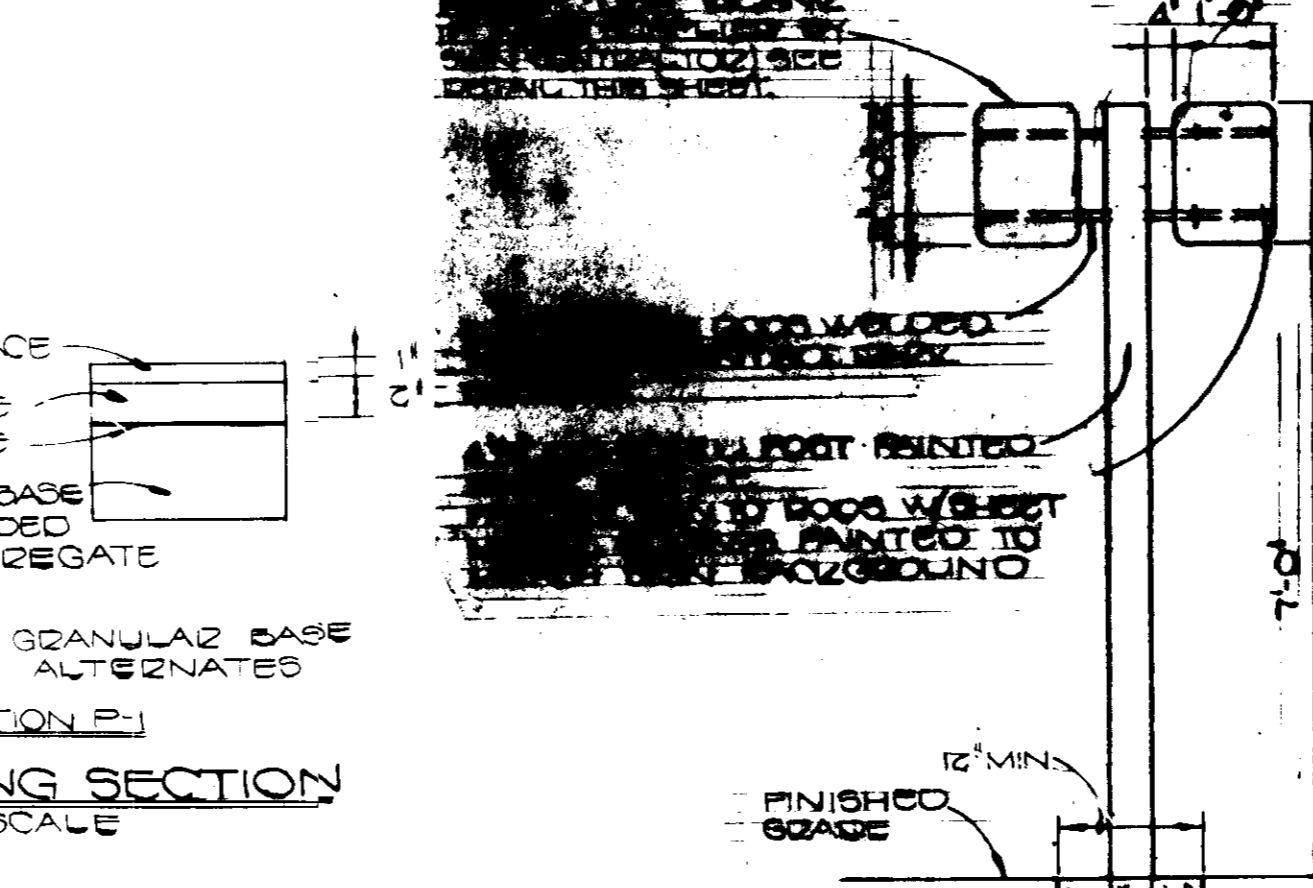
- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
1. MONY WIRE FENCE TO BE FASTENED SECURELY TO FORCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO MONY WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REORDERED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE
NOT TO SCALE



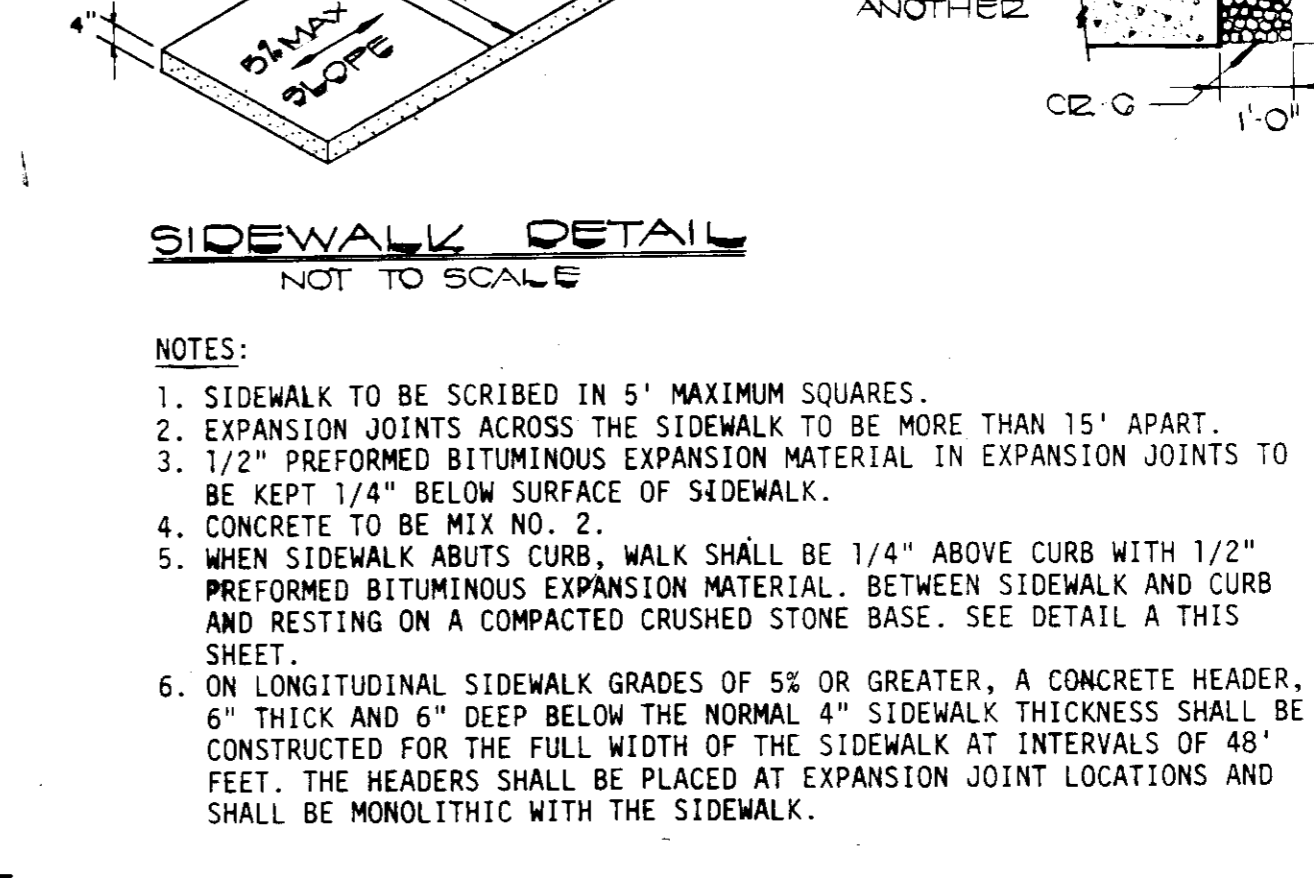
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SILT FENCE
NOT TO SCALE



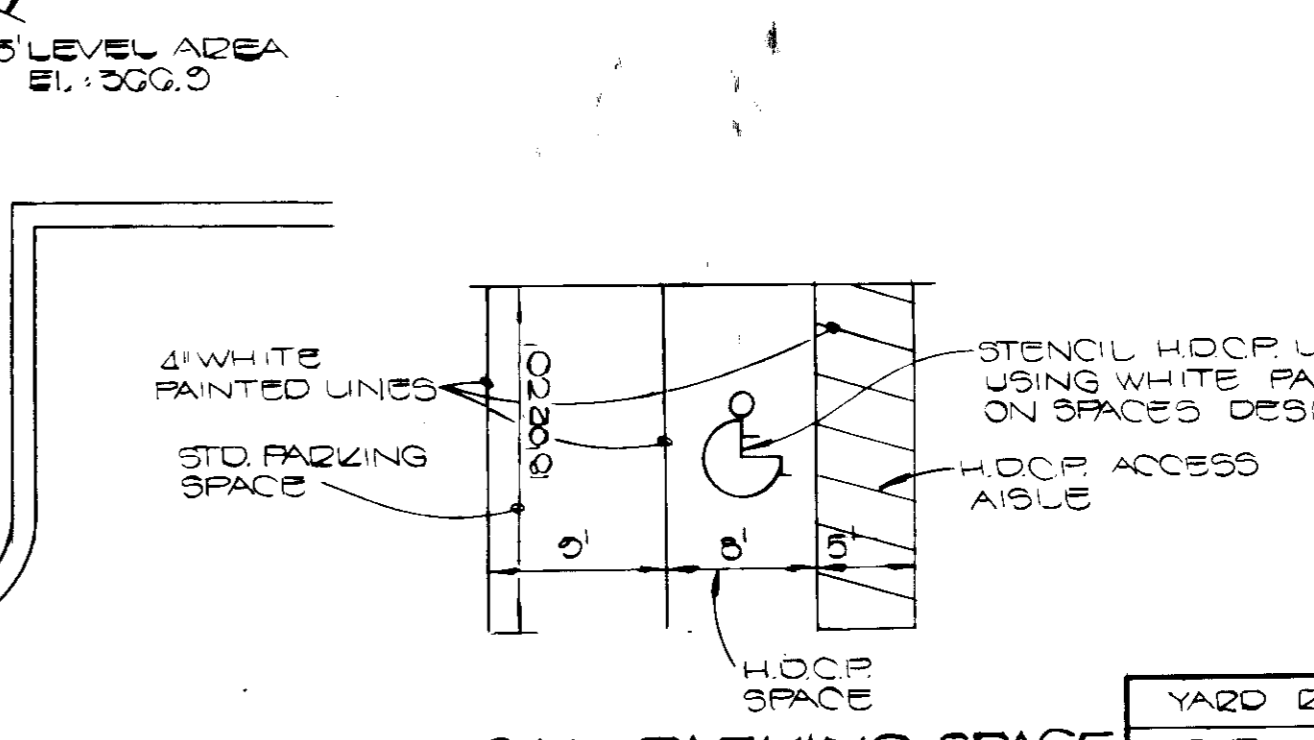
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 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REORDERED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE
NOT TO SCALE



- NOTES:**
1. SIDEWALK TO BE SCRIBED IN 5' MAXIMUM SQUARES.
 2. EXPANSION JOINTS ACROSS THE SIDEWALK TO BE MORE THAN 15' APART.
 3. 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL IN EXPANSION JOINTS TO BE KEPT 1/4" BELOW SURFACE OF SIDEWALK.
 4. CONCRETE TO BE MIX NO. 2.
 5. WHEN SIDEWALK ABUTS CURB, WALK SHALL BE 1/4" ABOVE CURB WITH 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL. BETWEEN SIDEWALK AND CURB AND RESTING ON A COMPACTED CRUSHED STONE BASE. SEE DETAIL A THIS SHEET.
 6. ON LONGITUDINAL SIDEWALK GRADES OF 5% OR GREATER, A CONCRETE HEADER, 6" THICK AND 6" DEEP BELOW THE NORMAL 4" SIDEWALK THICKNESS SHALL BE CONSTRUCTED FOR THE FULL WIDTH OF THE SIDEWALK AT INTERVALS OF 48' FEET. THE HEADERS SHALL BE PLACED AT EXPANSION JOINT LOCATIONS AND SHALL BE MONOLITHIC WITH THE SIDEWALK.

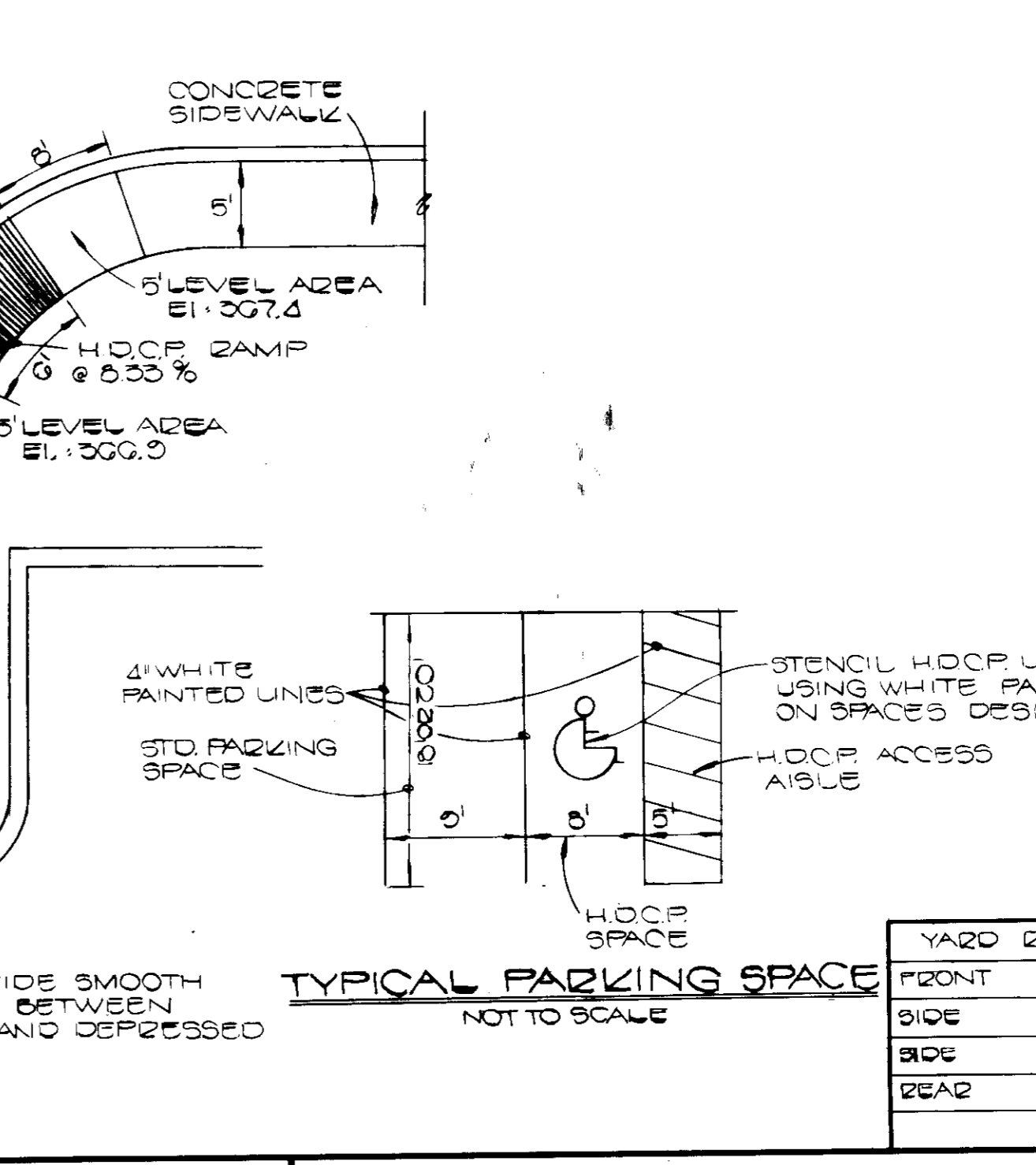
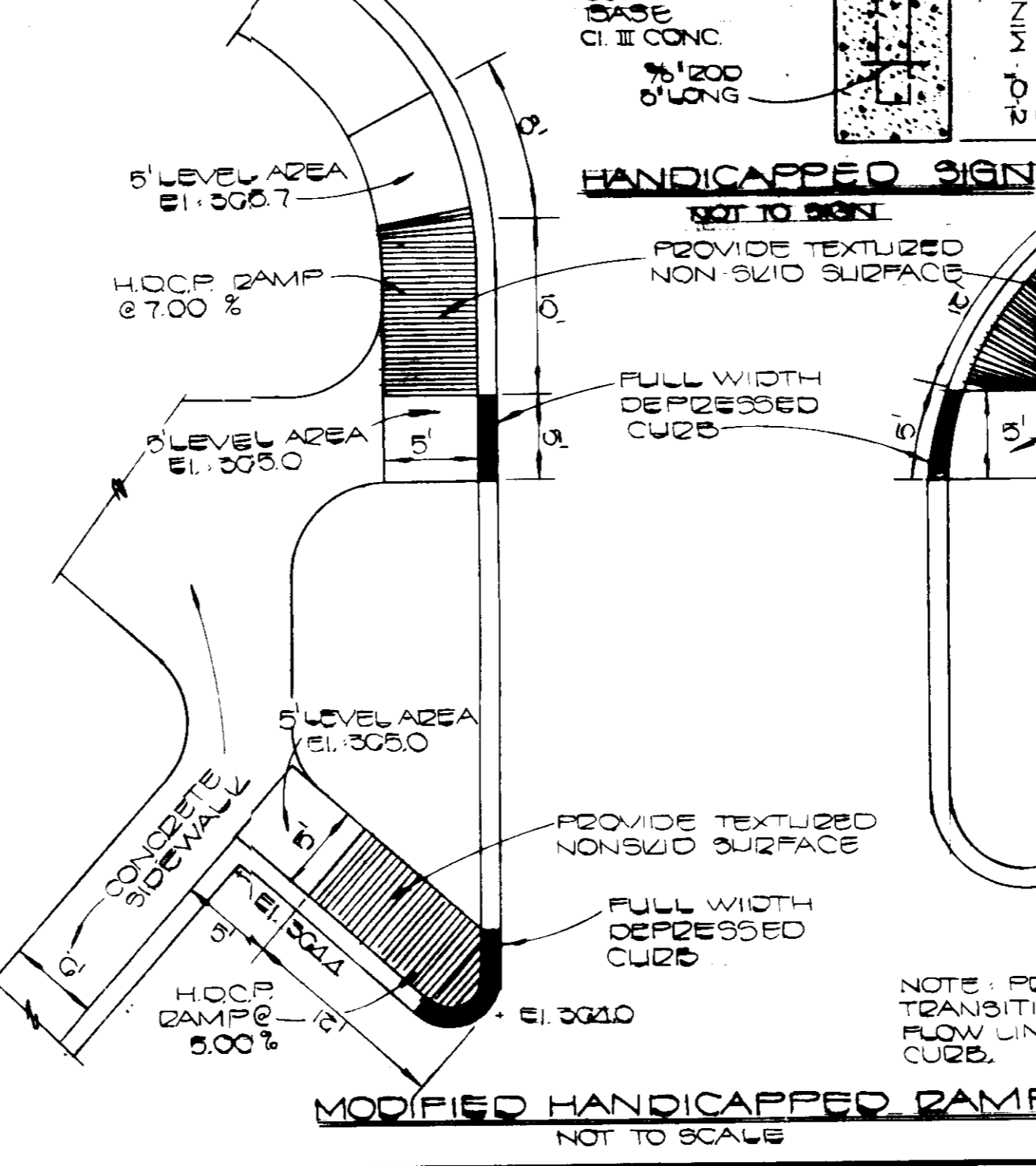
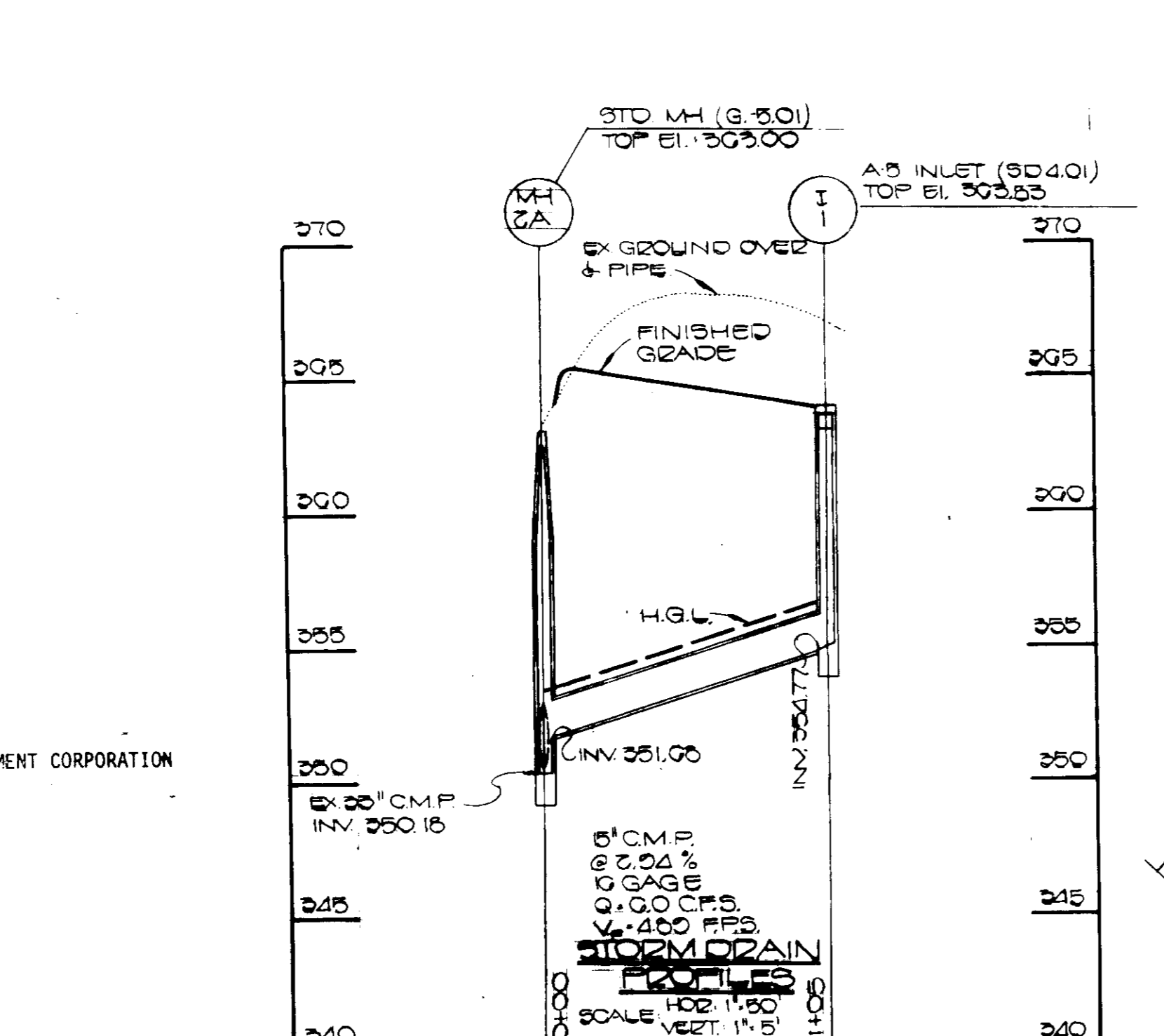
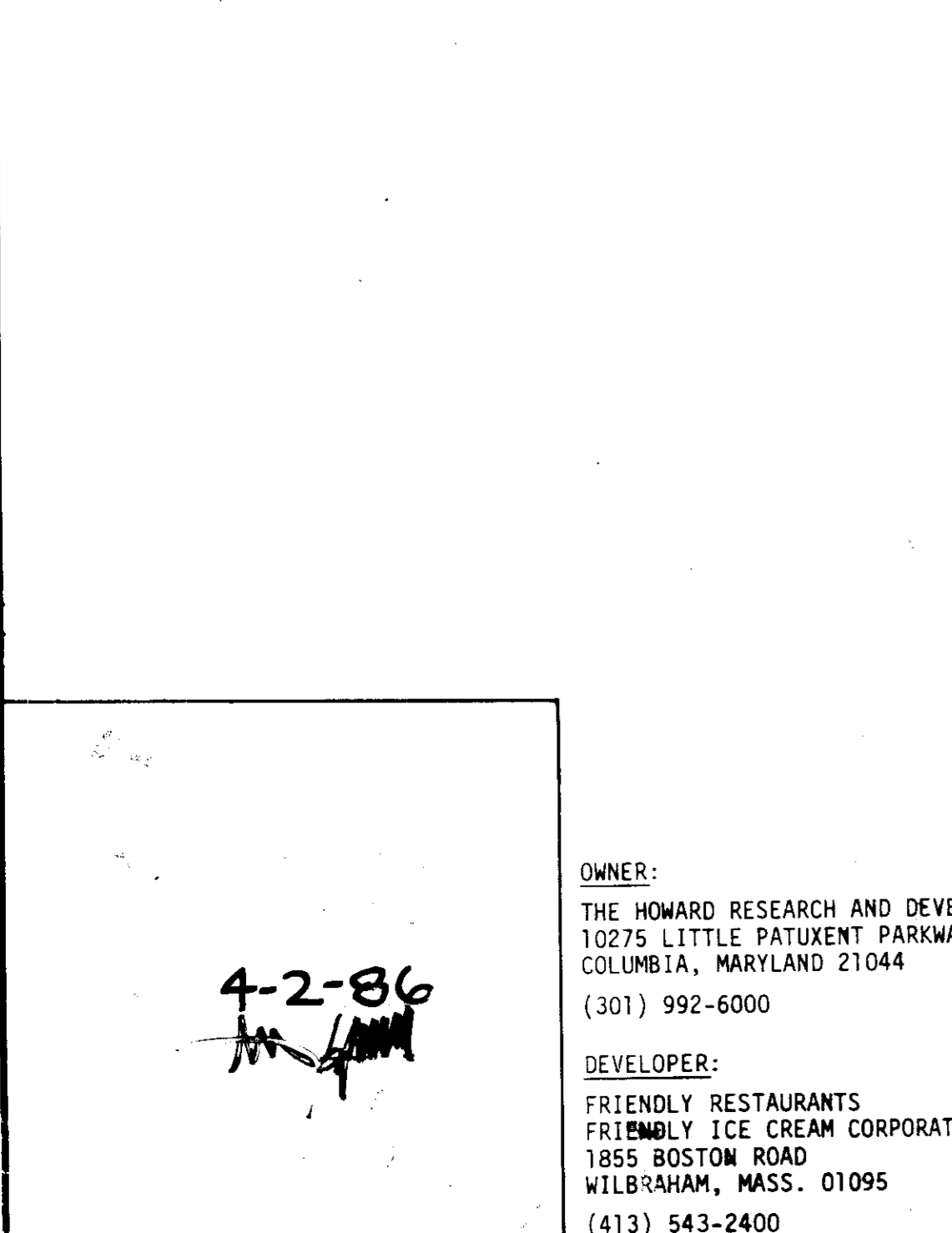
TYPICAL PARKING SPACE
NOT TO SCALE



- NOTES:** PROVIDE SMOOTH TRANSITION BETWEEN FLOW LINE AND DEPRESSED CURB.

SEDIMENT CONTROL NOTES:

- 1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS 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) SOO (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 PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 7) SITE ANALYSIS:
TOTAL AREA OF SITE: 0.83 ACRES
AREA DISTURBED: 0.83 ACRES
AREA TO BE ROOFED OR PAVED: 0.83 ACRES
AREA TO BE VEGETATIVELY STABILIZED: 0.00 CU. YDS.
TOTAL CUT: 408 CU. YDS.
TOTAL FILL: 408 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) ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR.



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS 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.

Charles J. Fisher
SIGNATURE OF ENGINEER
2/2/86
DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

David E. Forster
SIGNATURE OF DEVELOPER
2-20-86
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

John M. H. ... 5-2-86
U.S. SOIL CONSERVATION SERVICE DATE

APPROVED: OFFICE OF PLANNING AND ZONING

Thomas L. ... 5-14-86
PLANNING DIRECTOR DATE

John M. ... 5-14-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

... 5-13-86
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

... 5-8-86
DIRECTOR, PUBLIC WORKS DATE

... 5-8-86
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION: VILLAGE OF KING'S CONTINUANCE
SECTION/AREA: 2/3
PARCEL: 1A

PLAT NO. G-12
BLOCK NO. 7
TAX/ZONE: 7-1
ELEC. DIST. G-1
CENSUS TR. 0000

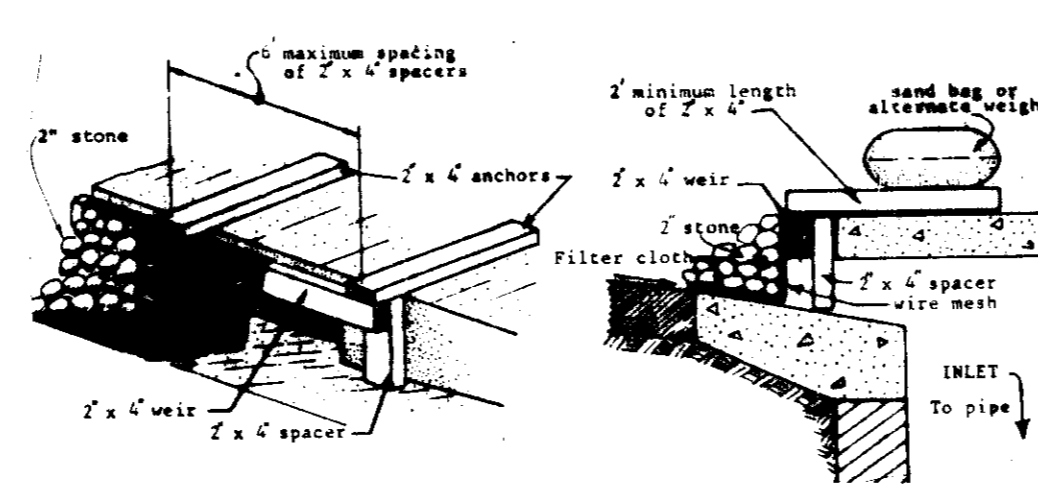
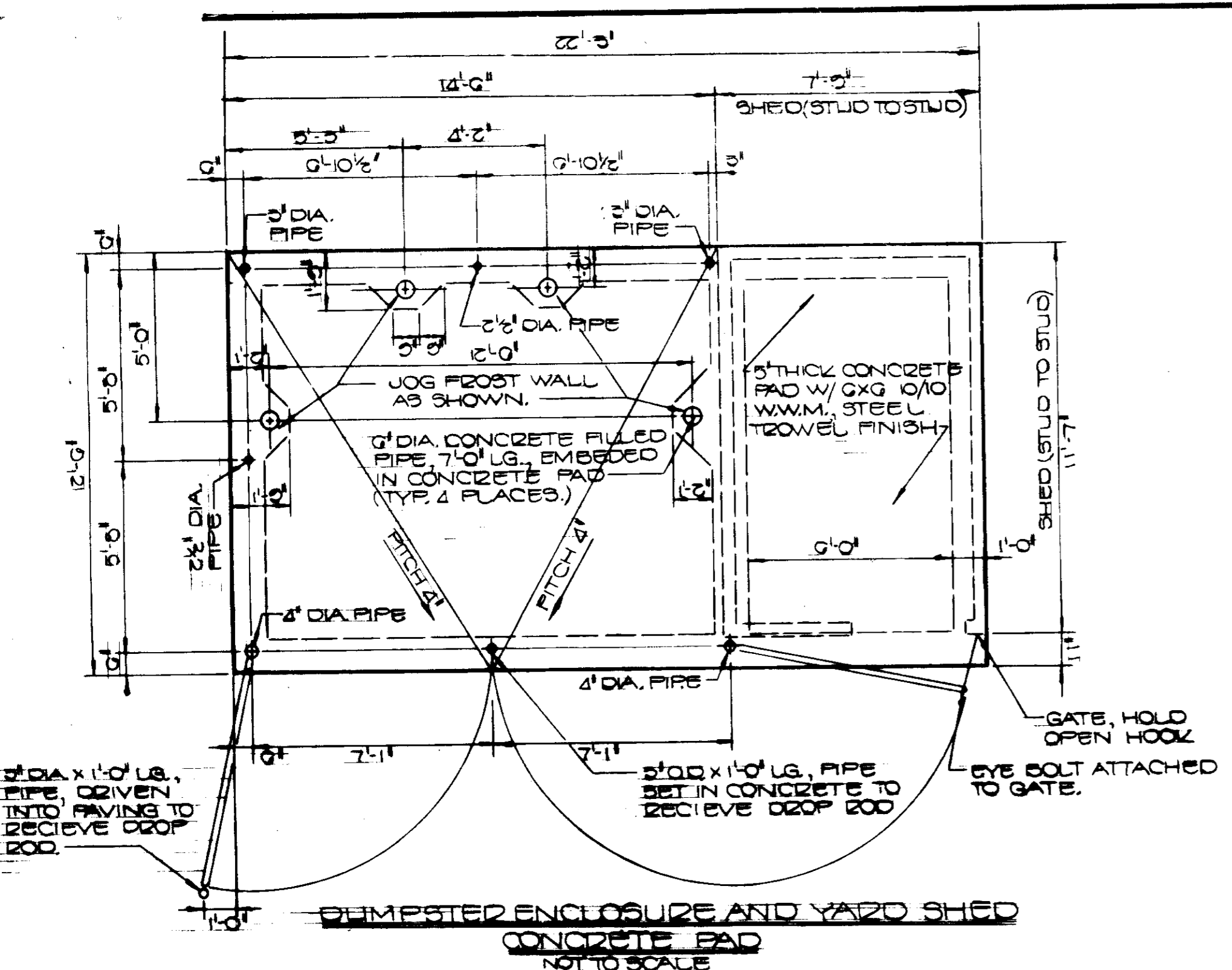
WATER CODE: E-10
SEWER CODE: G200000

NOTES AND DETAILS

FRIENDLY RESTAURANT

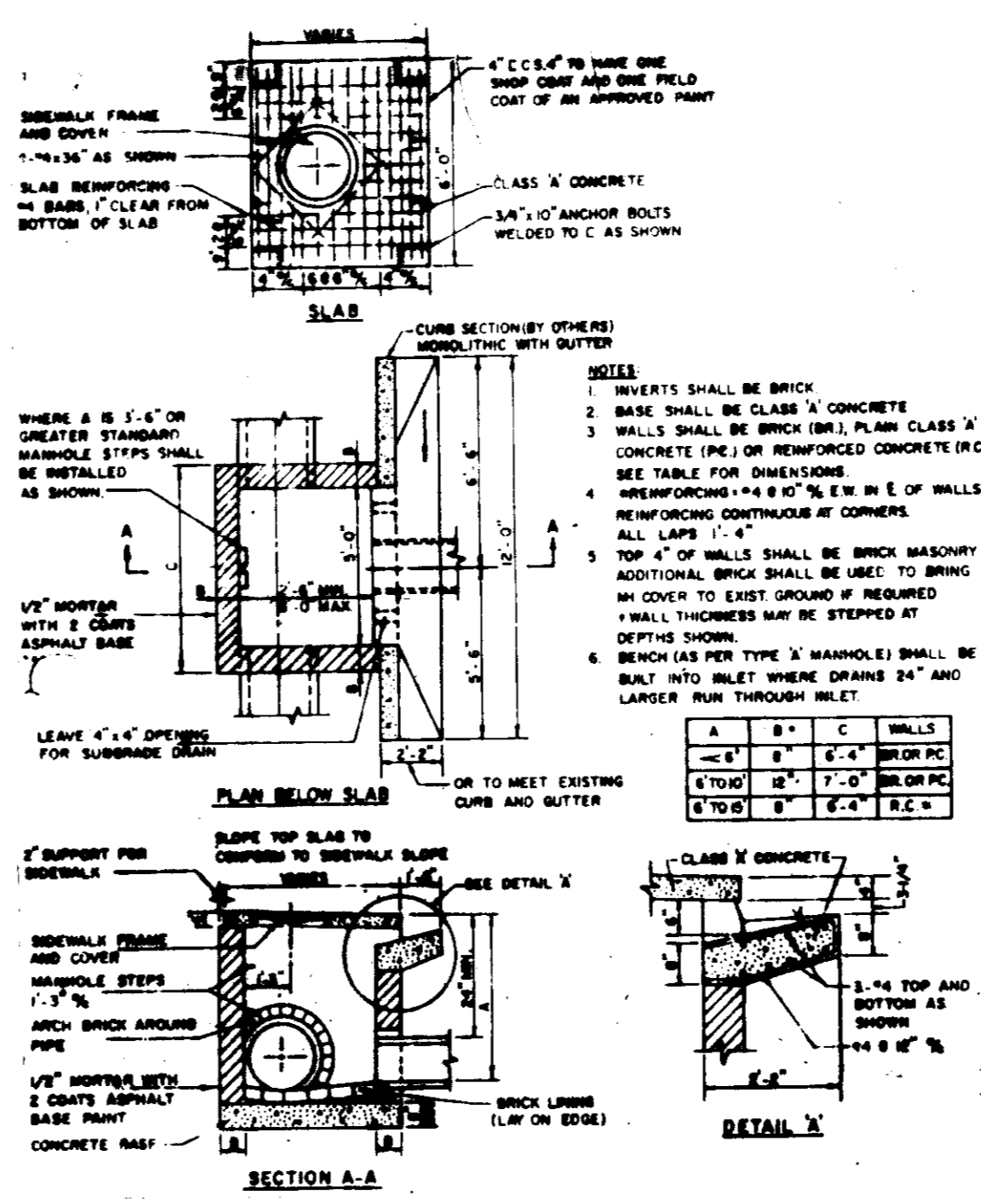
VILLAGE OF KING'S CONTINUANCE
SECTION 2, AREA 4
PARCEL 1A

SIXTH ELECTION DIST. HOWARD CO MARYLAND
SCALE: AS SHOWN DATE FEB. 19, 1986
SHEET 9 OF 7

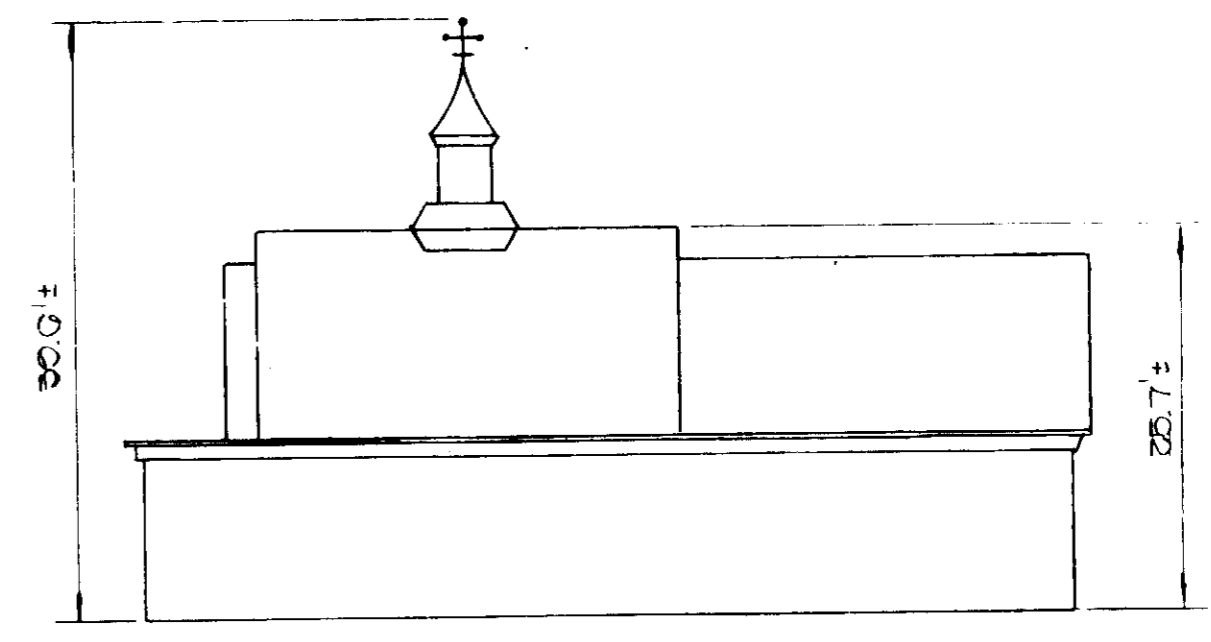


- Curb Inlet Protection.**
1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
 2. Place a piece of approved filter cloth (40-85 sigma) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
 3. Securely nail the 2" x 4" weir to 9" 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" length of 2" x 4" to the top of the weir at spaced locations). These 2" x 4" members 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. Assume that storm flow does not bypass inlet by installing temporary earth or asphalt dike directing flow into inlet.

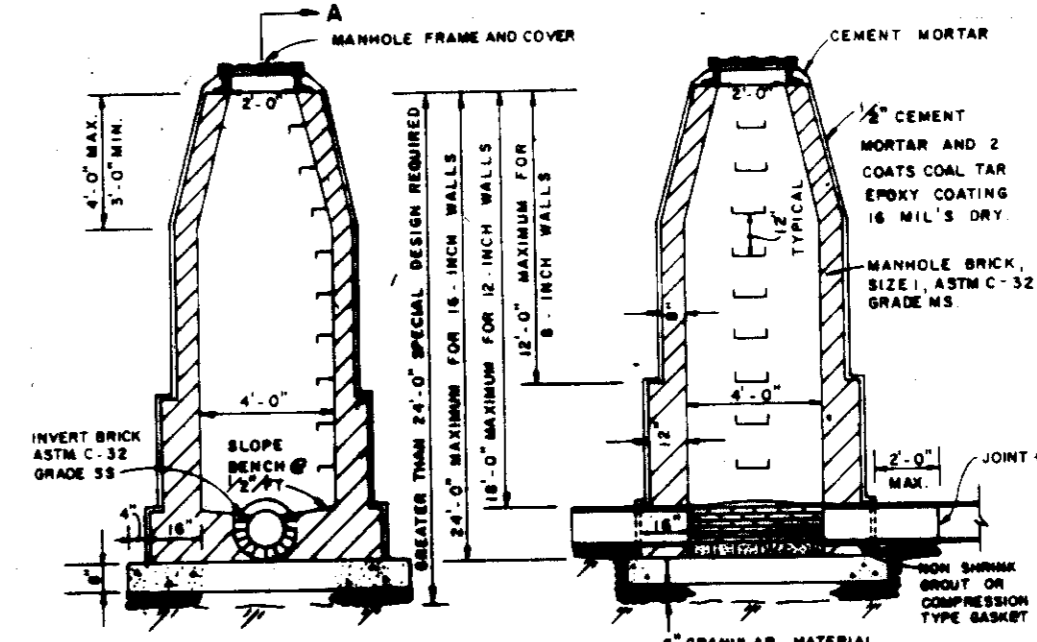
INLET PROTECTION DETAIL
NOT TO SCALE



STANDARD "A-B" INLET
NOT TO SCALE



TYPICAL BUILDING PROFILE
NOT TO SCALE

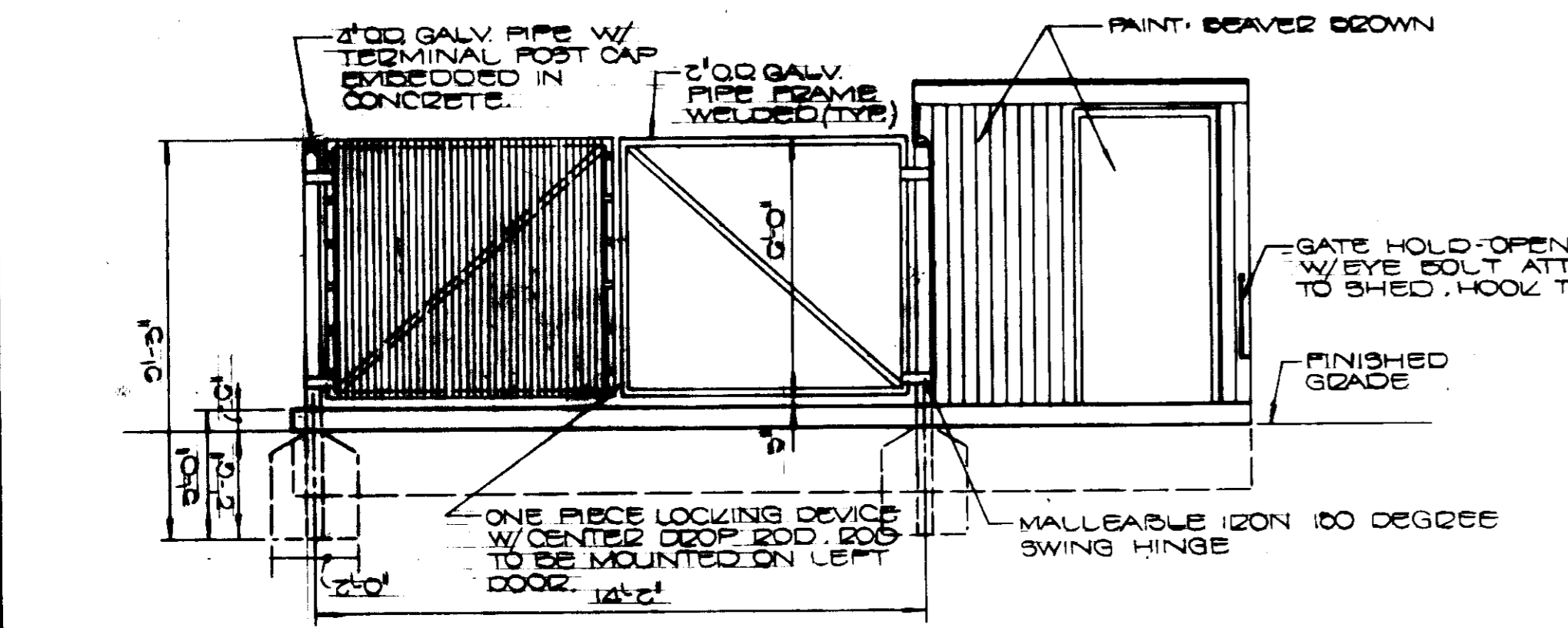


ELEVATION
NO SCALE

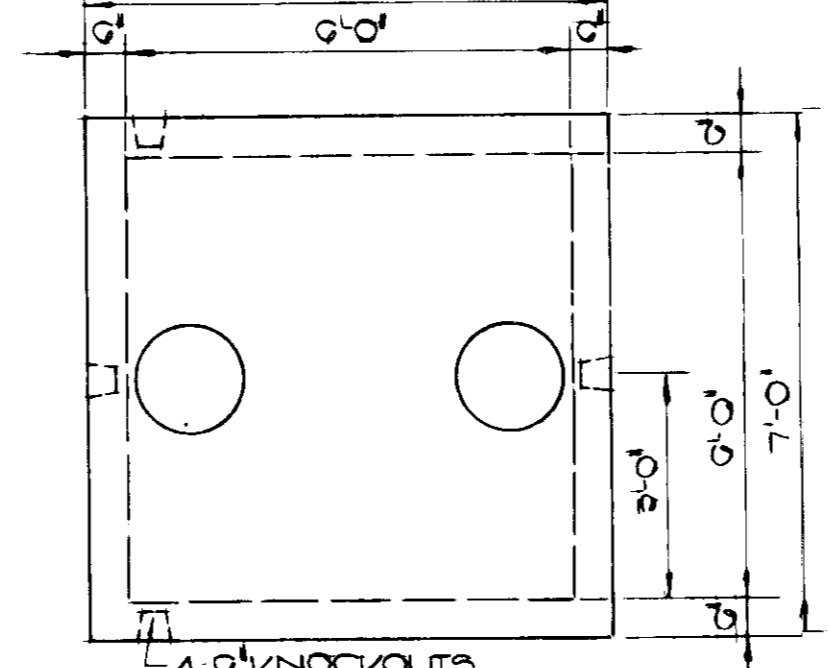
SECTION A-A
NO SCALE

- GENERAL NOTES APPLICABLE TO ALL BRICK MANHOLES**
1. MANHOLE BASE SHALL BE 8" HIGH CAST IN PLACE CONCRETE SLAB. MIX NO. 3 IS ENTRAINED. ALL OTHER SLABS SHALL BE MIX NO. 3 IS ENTRAINED.
 2. MANHOLE BASE SHALL BE BEYOND ON 1" INCH GRANULAR MATERIAL ON PIPES SURROUNDING.
 3. EXCAVATION BELOW PIPES SHALL BE BACKFILLED WITH GRANULAR MATERIAL 1/3 OF WAY TO TOP OF PIPE.
 4. CONNECTION BETWEEN MANHOLE WALL AND SEWER SHALL BE NON-SHIFTING SHROUD OR RUBBER GASKET COMPRESSION TYPE JOINT.
 5. MANHOLE STEPS SHALL BE AS SPECIFIED ON DETAIL SHEET.
 6. MANHOLE COVER SHALL BE AS SHOWN ON DETAIL SHEET.
 7. PIPE JOINTS SHALL BE PROVIDED WITHIN 2' MAX. FROM OUTSIDE OF MANHOLE WALL. R.
 8. MANHOLE CHANNELS SHALL BE FORMED TO PROVIDE A SMOOTH TRANSITION BETWEEN PIPES. 1" RADIUS BENCH TO FULL HEIGHT OF PIPE OPENING AND FORM USING BRICKS OR SEWER BRICK, ASTM C-22. SIZE NO. 1.
 9. MANHOLE WALL THICKNESS SHALL BE:
- | DEPTH BELOW MANHOLE COVER | WALL THICKNESS |
|---------------------------|----------------------------|
| TO 12' 0" | 8" |
| 12' 0" TO 18' 0" | 12" |
| 18' 0" TO 24' 0" | 16" |
| GREATER THAN 24' 0" | SPECIAL DESIGN PER 10/1/78 |

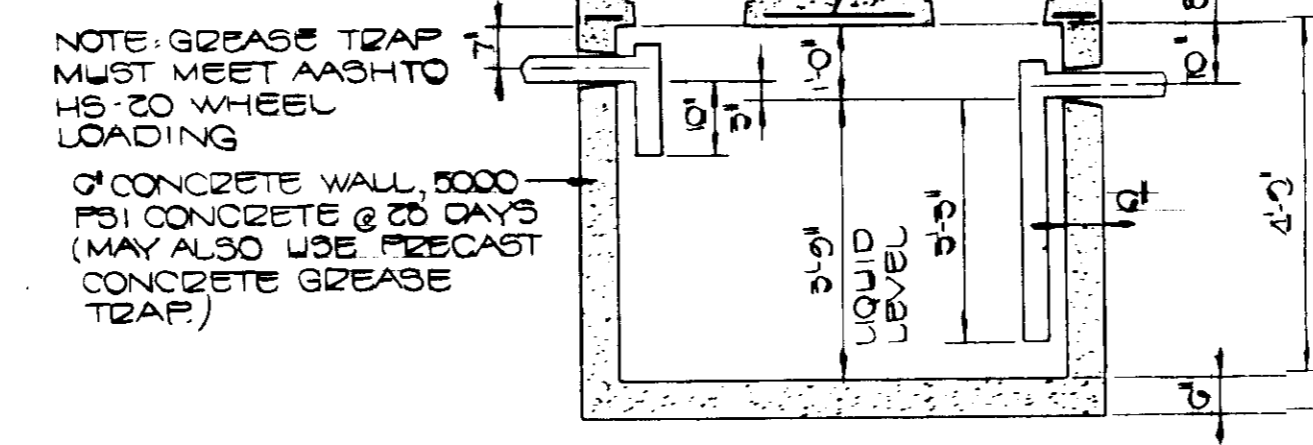
STANDARD MANHOLE DETAIL
NOT TO SCALE



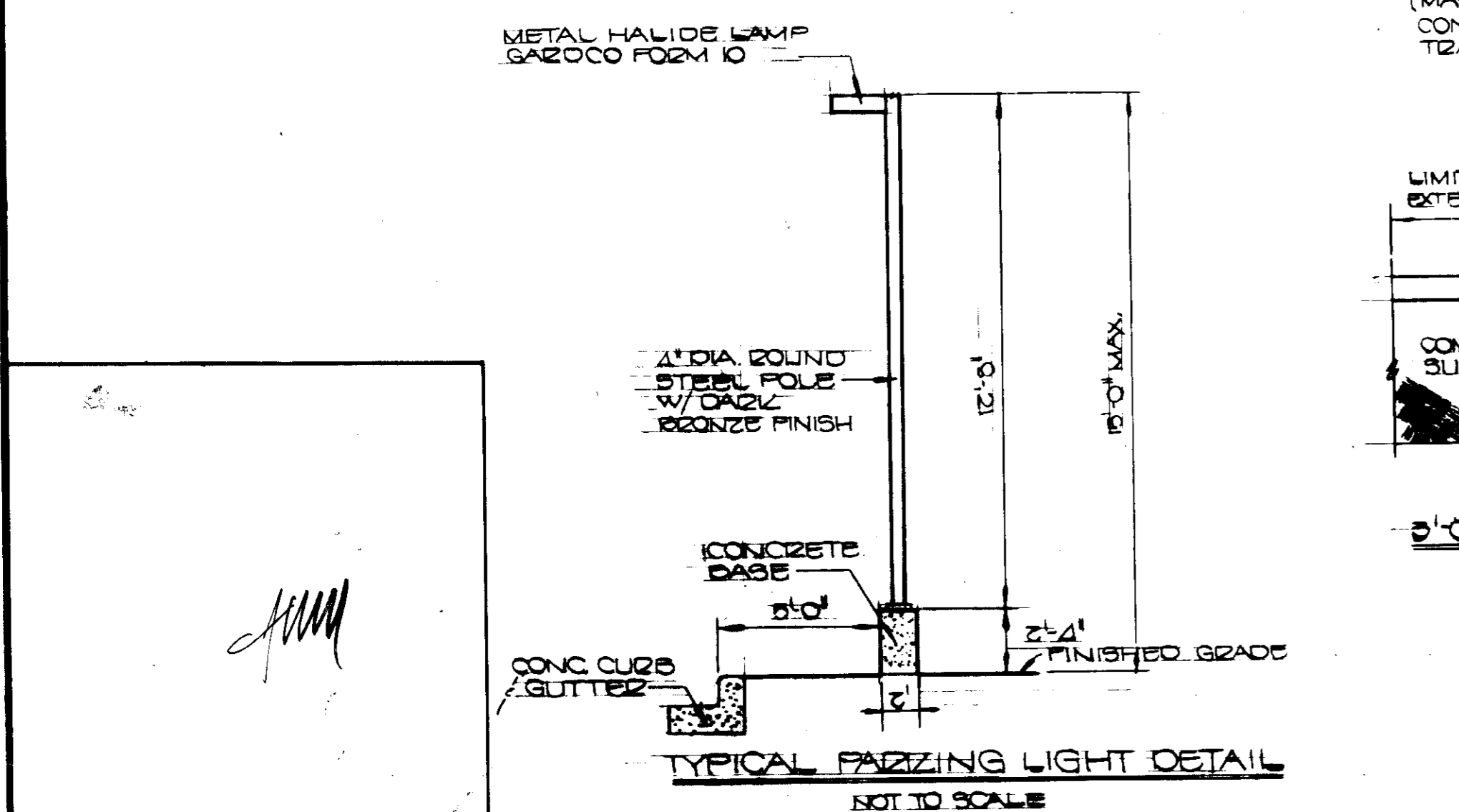
FRONT ELEVATION
NOT TO SCALE



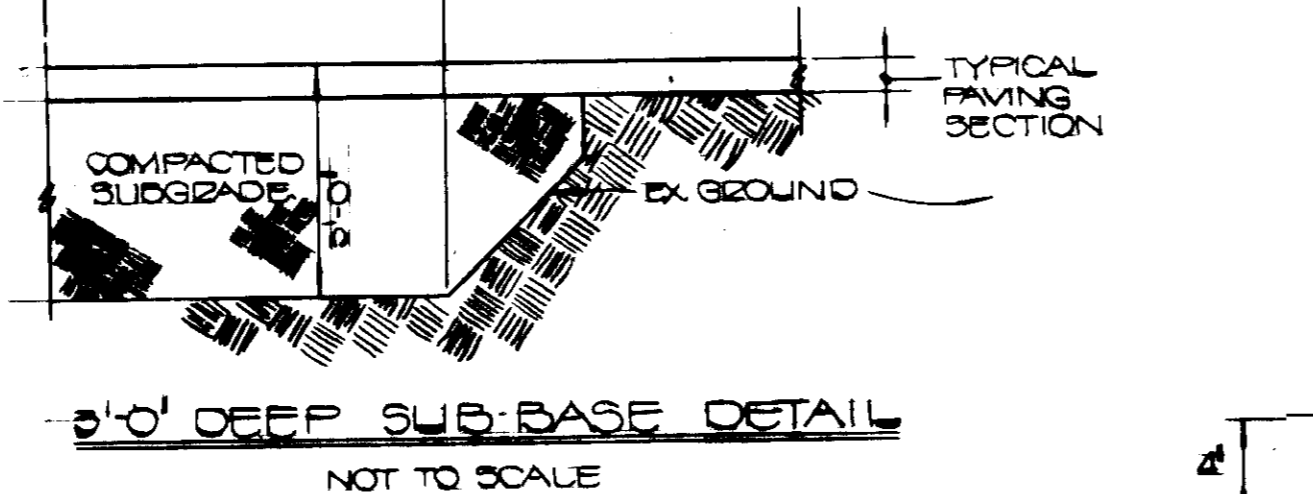
1000 GAL. GREASE TRAP DETAIL
NOT TO SCALE



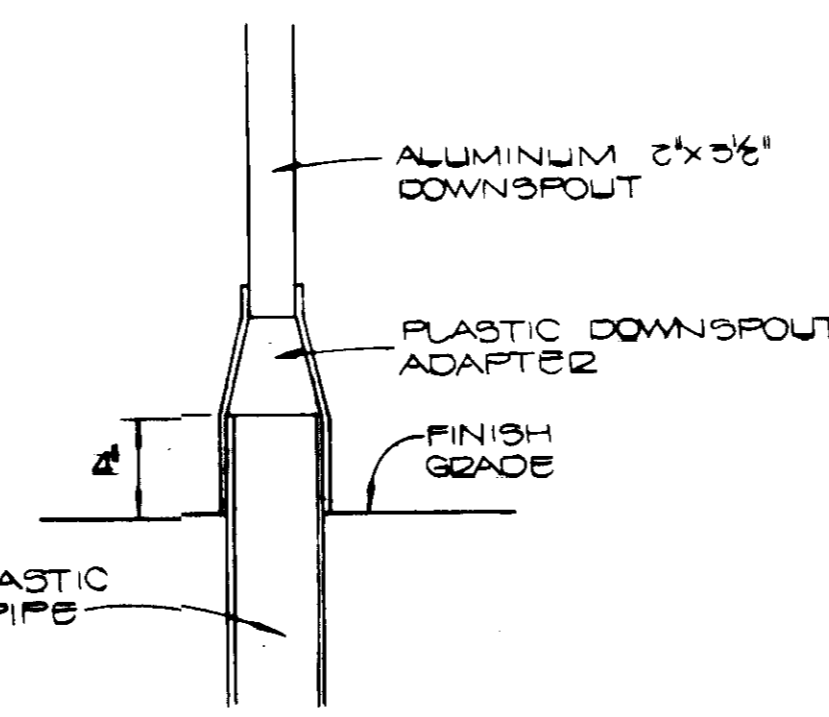
1000 GAL. GREASE TRAP DETAIL
NOT TO SCALE



TYPICAL PAVING LIGHT DETAIL
NOT TO SCALE



3'-0" DEEP SUB-BASE DETAIL
NOT TO SCALE



DOWNSPOUT DETAIL
NOT TO SCALE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
(301) 461-2855

ENGINEER'S CERTIFICATE
I HEREBY CERTIFY THAT THIS 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.

David E. Forester
DATE: 2/20/06

DEVELOPER'S CERTIFICATE
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

David E. Forester
DATE: 2-20-06

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Stephen K. Hahn
DATE: 5-8-06

U.S. SOIL CONSERVATION SERVICE

APPROVED: OFFICE OF PLANNING AND ZONING

Thomas J. Amadio
DATE: 5-14-06

PLANNING DIRECTOR

John W. ...
DATE: 5-14-06

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

Joey ...
DATE: 5-13-06

HEALTH OFFICER

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

John ...
DATE: 5-2-06

DIRECTOR, PUBLIC WORKS

...
DATE: 5-2-06

CHIEF, BUREAU OF ENGINEERING

NOTES AND DETAILS
FRIENDLY RESTAURANT
VILLAGE OF KING'S CONTINGENCE SECTION 2 AREA 4 PARCEL 1A

SIXTH ELECTION DIST. HOWARD CO MARYLAND SCALE AS SHOWN DATE FEB 10, 1999 SHEET 7 OF 7

YARD REQUIREMENTS		SITE DATA	
FRONT	15'	BUILDING	3,805 SF
SIDE	0'	PLOT (TOTAL)	30,074 SF
SIDE	10'	PLOT (D.V.P.)	30,074 SF
REAR	5'	PLOT (PAVED)	20,130 SF
		PAVING	50

DWG # 30-2

Chad ...