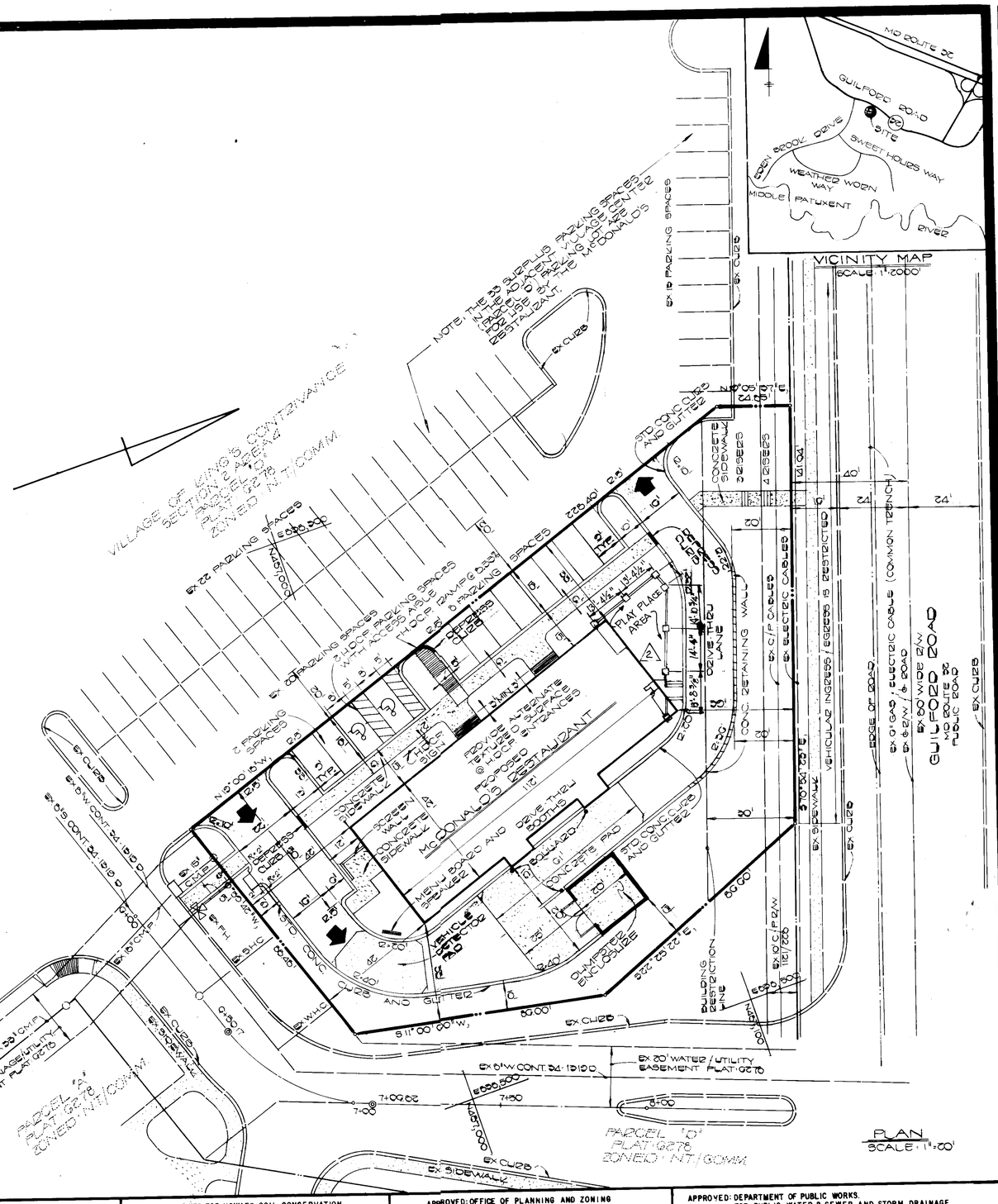
GENERAL NOTES:

1. TOTAL AREA OF PARCEL: 0.582 AC.±
2. PLAT REFERENCE: PLAT NO. 6278
3. PRESENT ZONING OF PROPERTY: NEW TOWN/COMMERCIAL
4. PROPERTY IS SHOWN ON TAX MAP 42, PART OF PARCEL 13
5. FDP CRITERIA PER PHASE 178 PART IV, PLAT NO. 3054A-733
6. PARKING DATA:
   A. INTENDED USE OF STRUCTURE: FAST FOOD RESTAURANT
   B. TOTAL AREA OF BUILDING: 4740 S.F. OR 0.11 AC.± (18% COVERAGE)
   C. TOTAL NUMBER OF SPACES REQUIRED (PER ZONING REGULATIONS): 45 SPACES
      1) 1 SPACE/3 SEATS, PLUS 1 SPACE/2 EMPLOYEES, BUT NOT LESS THAN 20 SPACES
      2) TOTAL NUMBER OF SEATS: 110
      3) TOTAL NUMBER OF EMPLOYEES: 16
      4) 110 SEATS ÷ 3 = 37
         16 EMPLOYEES ÷ 2 = 8
         45
   D. TOTAL NUMBER OF SPACE PROVIDED: 45 SPACES
      1) PARKING SPACES PROVIDED ON PARCEL 'B' (SDP-86-169): 12
         a) STANDARD SPACES (9'x18'): 10
         b) HANDICAPPED SPACES (8'x18'): 2
      2) PARKING SPACES PROVIDED ON PARCEL 'D' (SDP-85-153): 33
         a) THE SURPLUS PARKING SPACES ON THE ADJACENT VILLAGE CENTER PARKING LOT (PARCEL 'D') ARE FOR USE BY THE McDONALD'S RESTAURANT
   E. OPEN SPACE (GREEN AREA): 0.25 AC.± (43%)
7. THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2437.
8. HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED".
9. ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
10. 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.
11. THE CONTRACTOR SHALL NOTIFY MISS UTILITY 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
12. SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
13. STORMWATER MANAGEMENT FOR THIS PROJECT HAS BEEN PROVIDED UNDER F-80-96.



GENERAL NOTES

1. McDonald's Road Sign and Base are by the Sign Contractor. Conduit and Wiring are by the General Contractor.
2. Bases, Anchor Bolts, Conduit, and Wiring for All Other Signs are by the General Contractor.
3. ¾" Empty Conduit to Locations Shown at the Lot Perimeter for Lot Lighting is by the General Contractor. Lighting Fixtures, Bases, Poles, Conduit, and Wiring are by the Owner/Operator.
4. Bases for Flagpoles are by the General Contractor. Anchor Bolts are by the Flagpole Supplier.
5. Proposed Utilities are Shown in Schematic Only. Exact Locations shall be Field Determined to Allow for the Most Economical Installation.
6. The Contractor shall Coordinate with All Utility Companies to Determine Exact Point of Service Connection at Existing Utility. Refer to the Building Electrical and Plumbing Drawings for Utility Service Entrance Locations, Sizes, and Circuiting.
7. All Elevations Shown are in Reference to the Benchmark and must be Verified by the General Contractor At Groundbreak.
8. Finish Walk and Curb Elevations shall be 6" Above Finish Pavement.
9. All Landscape Areas shall be Rough Graded to 6" Below Top of All Walks and Curbs. Finish Grading, Landscaping, and Sprinkler Systems are by the Owner/Operator.

PAVING SPECIFICATION

(Minimum 3" Total Compacted Asphalt Thickness.)

Note: McDonald's Engineer Reserves The Right To Request A Compaction Test And/Or A Core Sample. If Tests Prove Correct, Per Above Specifications, Tests Will Be At The Expense Of McDonald's, Otherwise, G.C. Will Be Charged.

LOT LIGHTING RECOMMENDATION:

Note: Electrical Contractor To Circuit Lot Lighting As Noted

PARKING INFORMATION:

Total Spaces: 45	10 REGULAR	Spaces	9'	x 18'	@ 90
	33 REGULAR PARCEL 'B'	Spaces	9'	x 20'	@ 90
	2 H.C.P.	Spaces	8'	x 18'	@ 90
		Spaces		x	@

UTILITY INFORMATION:

	Size:	Type:	Location:
Sanitary Sewer	8"		ENT. 20. TO VILLAGE CENTER
Water	6" & 8"		ENT. 20. TO VILLAGE CENTER & GUILFORD ROAD
Storm Sewer	15"	C.M.P. S.W. FROM CORNER	
Electric	-	-	GUILFORD ROAD
Gas	2"	H.P.	GUILFORD ROAD

SURVEY INFORMATION:

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

LEGEND:

Sanitary Sewer	S	Gas	G
Water	W	Lot Light	LP 30
Storm Sewer	ST	Existing Elevation	(76.5)
Electric	E	Proposed Elevation	77.0

PLAN SCALE: 1" = 20'

VILLAGE OF KING'S CONTRIVANCE
SECTION 2 AREA 4
PARCEL 'B'

SIXTH ELECTION DIST. SCALE: AS SHOWN
HOWARD CO. MARYLAND DATE: FEB 20, 1986

SITE DEVELOPMENT PLAN

REGIONAL DWG. NO.

CORPORATE DWG. NO.

SP-1 OF 7

PLAN APPROVALS

	Signature (2 required)	Date
Regional Mgr.		
Const. Mgr.		
Operations		

CLIENT SIGNATURES

Contractor	
Owner	

PLAN STATUS

	Date	By					Plan Checked
Description							
Preliminary Drawn							
Revisions							As Built Drawn
1	4-2-86	JWK	5	6	7	8	9
2	7/1984	JWK					
3							
4							

1 - ADDED COMMENTS DATE 5/16/86
2 - ADDED PLAY PLACE AREA

These plans and specifications are the property of McDonald's Corporation and shall not be reproduced without their written permission

ADDRESS CHART

PARCEL NO.	STREET ADDRESS
PARCEL 'B'	8600 GUILFORD RD. (MD ROUTE 32)

4-2-86

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

DEVELOPER:
McDONALD'S CORPORATION
3015 WILLIAMS DRIVE
FAIRFAX, VIRGINIA 22031
(703) 698-4000

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 OF ENGINEER — DATE 2/18/86

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 OF DEVELOPER — DATE 2-18-86

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE — DATE 5-6-86

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

DISTRICT HOWARD SOIL CONSERVATION DISTRICT — DATE 5/6/86

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 5-14-86

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 5-14-86

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

HEALTH OFFICER — DATE 5-13-86

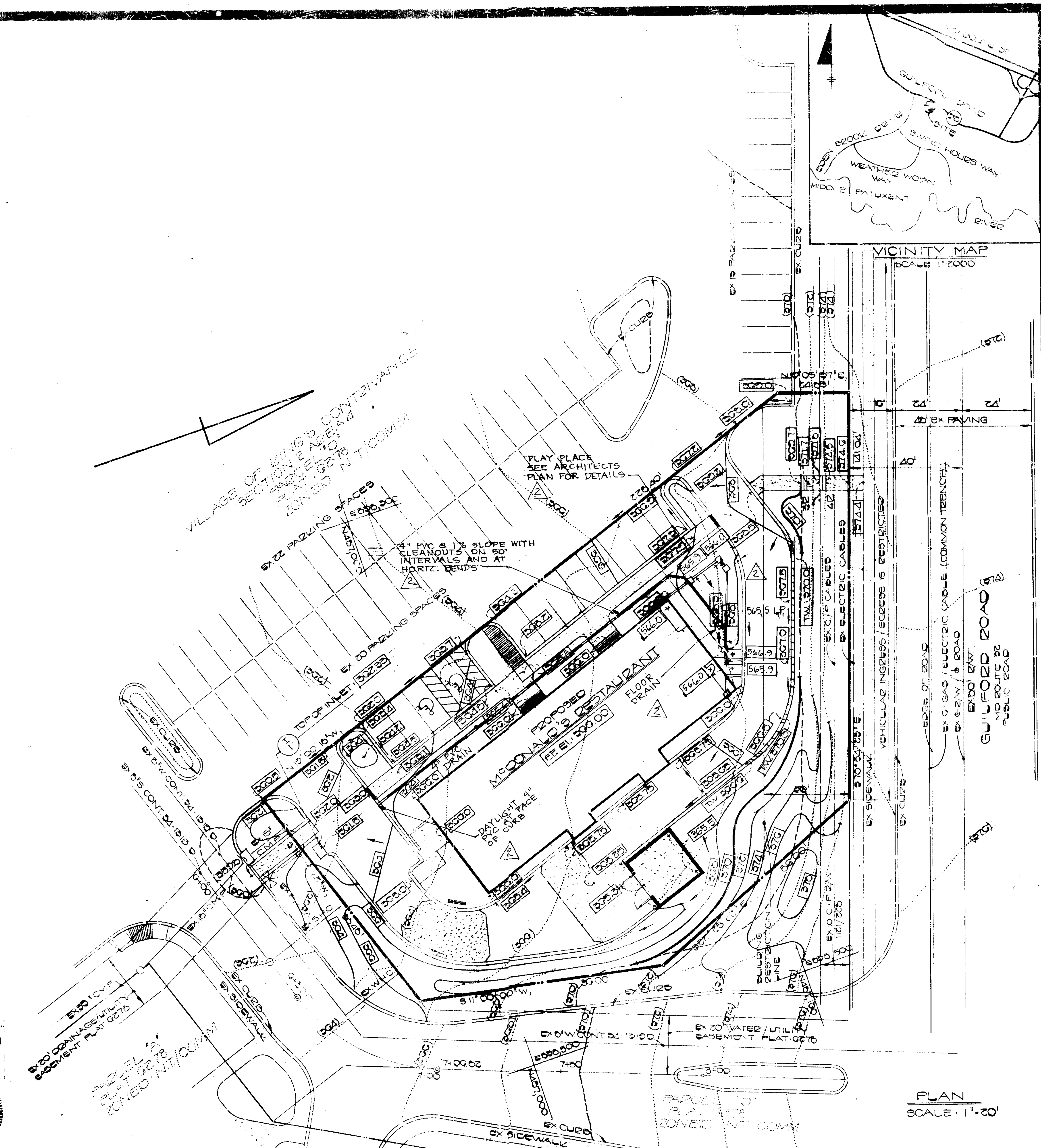
APPROVED: DEPARTMENT OF PUBLIC WORKS. FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

DIRECTOR, PUBLIC WORKS — DATE 5-8-86

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

SUBDIVISION			SECTION/AREA	PARCEL
VILLAGE OF KING'S CONTRIVANCE			2/4	'B'
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
6278	7	NT COMM	22	6TH	6066
WATER CODE	E-10		SEWER CODE	6260000	

SDP 86-190c



GENERAL NOTES

1. [illegible] Contractor [illegible] by the General Contractor [illegible]

2. Bases, Anchor Bolts, Conduit and [illegible] for All Other Signs are by the General Contractor.

3. [illegible] Empty Conduit to Locations Shown at the Lot Perimeter for Lot Lighting is by the General Contractor. Lighting Fixtures, Bases, Poles, Conduit [illegible] are by the Owner Operator.

4. Bases for Flagpoles are by the General Contractor. Anchor Bolts are by the Flagpole Supplier.

5. Proposed Utilities are Shown in Schematic Only. Exact Locations shall be Field Determined to Allow for the Most Economical Installation.

6. The Contractor shall Coordinate with All Utility Companies to Determine Exact Point of Service Connection at Existing Utility. Refer to the Building Electrical and Plumbing Drawings for Utility Service Entrance Locations, Sizes, and Circuiting.

7. All Elevations Shown are in Reference to the Benchmark and must be Verified by the General Contractor At Groundbreak.

8. Finish Walk and Curb Elevations shall be 6" Above Finish Pavement.

9. All Landscape Areas shall be Rough Graded to 6" Below Top of All Walks and Curbs. Finish Grading, Landscaping, and Sprinkler Systems are by the Owner Operator.

McDonald's

PLAN APPROVALS

Signature (2 required)	Date
Regional Mgr	
Contractor	

PAVING SPECIFICATION
(Minimum 3" Total Compacted Asphalt Thickness)

Note: McDonald's Engineer Reserves The Right To Request A Compaction Test And Or A Core Sample. If Tests Prove Correct Per Above Specifications, Tests Will Be At The Expense Of McDonald's. Otherwise, G.C. Will Be Charged.

LOT LIGHTING RECOMMENDATION

Note: Electrical Contractor To Circuit Lot Lighting As Noted

PARKING INFORMATION

Total Spaces	
	Spaces x @
	Spaces x @
	Spaces x @
	Spaces x @

UTILITY INFORMATION

	Size	Type	Location
Sanitary Sewer			
Water			
Storm Sewer			
Electric			
Gas			

SURVEY INFORMATION

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

LEGEND

Sanitary Sewer	S	Gas	G
Water	W	Lot Light	LP 30
Storm Sewer	ST	Existing Elevation	(76.5)
Electric	E	Proposed Elevation	77.0

PLAN SCALE 1" = 20'

PLAN STATUS

Date	By	Description
		Preliminary Draw
		[illegible]
7/1994	JW.C.	ADDED PLAY PLACE AREA

REGIONAL DWG. NO.

CORPORATE DWG. NO.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 4-2-86

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

DEVELOPER:
McDONALD'S CORPORATION
3015 WILLIAMS DRIVE
FAIRFAX, VIRGINIA 22031
(703) 698-4000

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.

2/18/86
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."

David E. Foster 2-18-86
SIGNATURE OF DEVELOPER — DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

5-6-86
U.S. SOIL CONSERVATION SERVICE — DATE

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

5/6/86
DISTRICT — DATE
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

5-15-86
PLANNING DIRECTOR — DATE

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				SECTION/AREA	PARCEL	
VILLAGE OF KING'S CONTRIVANCE				2/4	"B"	
PLAT NO	BLOCK NO.	ZONE	TAX/ZONE	ELEC DIST	CENSUS TR	
6278	7	NT COMM	42	6TH	6062	
WATER CODE	E-10		SEWER CODE	6350000		

VILLAGE OF KING'S CONTRIVANCE
SECTION 2 AREA 4
PARCEL "B"

SIXTH ELECTION DIST. — HOWARD CO. MARYLAND
SCALE: AS SHOWN — DATE: FEB. 20, 1986

GRADING PLAN

SP-2 OF 7

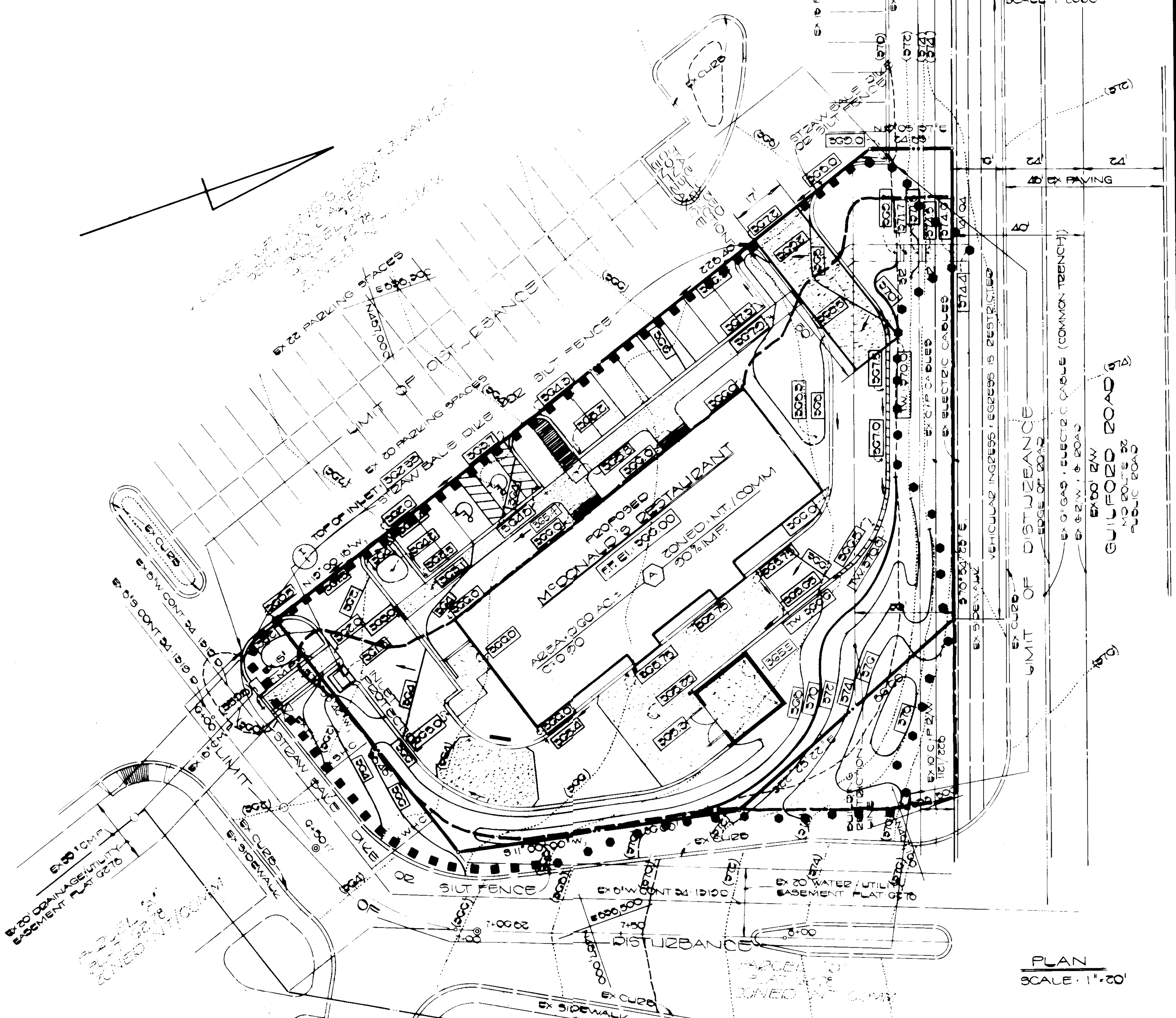
SDP 86-100c

CONSTRUCTION SEQUENCE:

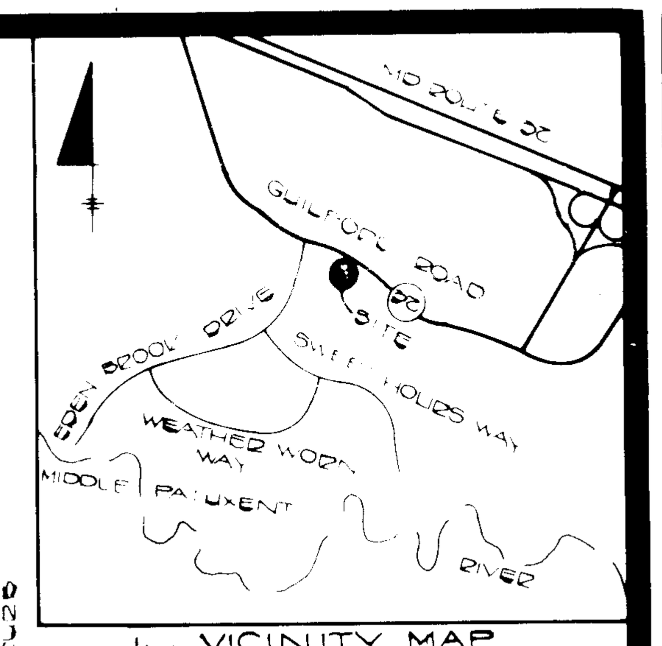
1. OBTAIN GRADING PERMIT.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
3. INSTALL STRAW BALE DIKE/SILT FENCE.
4. GRADE SITE TO SUBGRADE.
5. CONSTRUCT STORM DRAIN SYSTEM. INSTALL INLET PROTECTION
6. CONSTRUCT ALL OTHER ON-SITE UTILITIES. BEGIN BUILDING CONSTRUCTION.
7. COMPACT SUBGRADE FOR PARKING LOT. INSTALL BASE COURSE AND CURB AND GUTTER. PAVE PARKING LOT.
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.
10. STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE AND STRAW MULCH.

SITE ANALYSIS:

1. TOTAL AREA OF PARCEL: 0.58 AC.±
2. TOTAL AREA TO BE DISTURBED: 0.58 AC.±
3. TOTAL IMPERVIOUS AREA: 0.33 AC.±
4. TOTAL AREA TO BE REVEGETATED: 0.25 AC.±



PLAN
SCALE: 1"=20'



VICINITY MAP
SCALE 1"=2000'

4-2-86

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

DEVELOPER:
McDONALD'S CORPORATION
3015 WILLIAMS DRIVE
FAIRFAX, VIRGINIA 22031
(703) 698-4000

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 OF ENGINEER — DATE 2/18/86

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 OF DEVELOPER — DATE 2-18-86

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE — DATE 5-6-86

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

APPROVED:

DISTRICT — DATE 5/6/86
HOWARD SOIL CONSERVATION DISTRICT

APPROVED OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 5-14-86

APPROVED HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS

HEALTH OFFICER — DATE 5-13-86

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

DIRECTOR, PUBLIC WORKS — DATE 5-3-86

CHIEF, BUREAU OF ENGINEERING — DATE 5-2-86

SUBDIVISION				SECTION/AREA	PARCEL
VILLAGE OF KING'S CONTRIVANCE				2/4	"B"
PLAT NO 6270	BLOCK NO 7	ZONE NT COMM	TAX/ZONE 42	ELEC DIST 6TH	CENSUS TR 6062
WATER CODE E-10		SEWER CODE 6350000			

GENERAL NOTES

1. McDonald's Road Sign and Base are by the Sign Contractor. Conduit and Wiring are by the General Contractor.
2. Bases, Anchor Bolts, Conduit and Wiring for All Other Signs are by the General Contractor.
3. Empty Conduit to Locations Shown at the Lot Perimeter for Lot Lighting is by the General Contractor. Lighting Fixtures, Bases, Poles, Conduit and Wiring are by the Owner Operator.
4. Bases for Flagpoles are by the General Contractor. Anchor Bolts are by the Flagpole Supplier.
5. Proposed Utilities are Shown in Schematic Only. Exact Locations shall be Field Determined to Allow for the Most Economical Installation.
6. The Contractor shall Coordinate with All Utility Companies to Determine Exact Point of Service Connection at Existing Utility. Refer to the Building Electrical and Plumbing Drawings for Utility Service Entrance Locations, Sizes and Circuiting.
7. All Elevations Shown are in Reference to the Benchmark and must be Verified by the General Contractor At Groundbreak.
8. Finish Walk and Curb Elevations shall be 6" Above Finish Pavement.
9. All Landscape Areas shall be Rough Graded to 6" Below Top of All Walks and Curbs. Finish Grading, Landscaping and Sprinkler Systems are by the Owner Operator.

PAVING SPECIFICATION

(Minimum 3" Total Compacted Asphalt Thickness)

Note: McDonald's Engineer Reserves The Right To Request A Compaction Test And Or A Core Sample. If Tests Prove Correct Per Above Specifications, Tests Will Be At The Expense Of McDonald's. Otherwise G.C. Will Be Charged.

LOT LIGHTING RECOMMENDATION

Note: Electrical Contractor To Circuit Lot Lighting As Noted

PARKING INFORMATION

Total Spaces	Spaces	x	@
	Spaces	x	@
	Spaces	x	@
	Spaces	x	@

UTILITY INFORMATION

	Size	Type	Location
Sanitary Sewer			
Water			
Storm Sewer			
Electric			
Gas			

SURVEY INFORMATION

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

LEGEND

Sanitary Sewer	——S——	Gas	——G——
Water	——W——	Lot Light	LP 30
Storm Sewer	——ST——	Existing Elevation	(76.5)
Electric	——E——	Proposed Elevation	77.0

PLAN SCALE 1" = 20'

VILLAGE OF KING'S CONTRIVANCE
SECTION 2 AREA 4
PARCEL "B"

SIXTH ELECTION DIST — HOWARD CO MARYLAND
SCALE AS SHOWN — DATE FEB 20, 1986

SEDIMENT CONTROL PLAN
DRAINAGE AREA MAP

PLAN APPROVALS

	Signature (2 required)	Date
Regional Mgr		
Const Mgr		
Operations		

CO-SIGN SIGNATURES

Contractor	
Owner	

McDonald's

These plans and specifications are the property of McDonald's Corporation and shall not be reproduced without their written permission.

PLAN STATUS

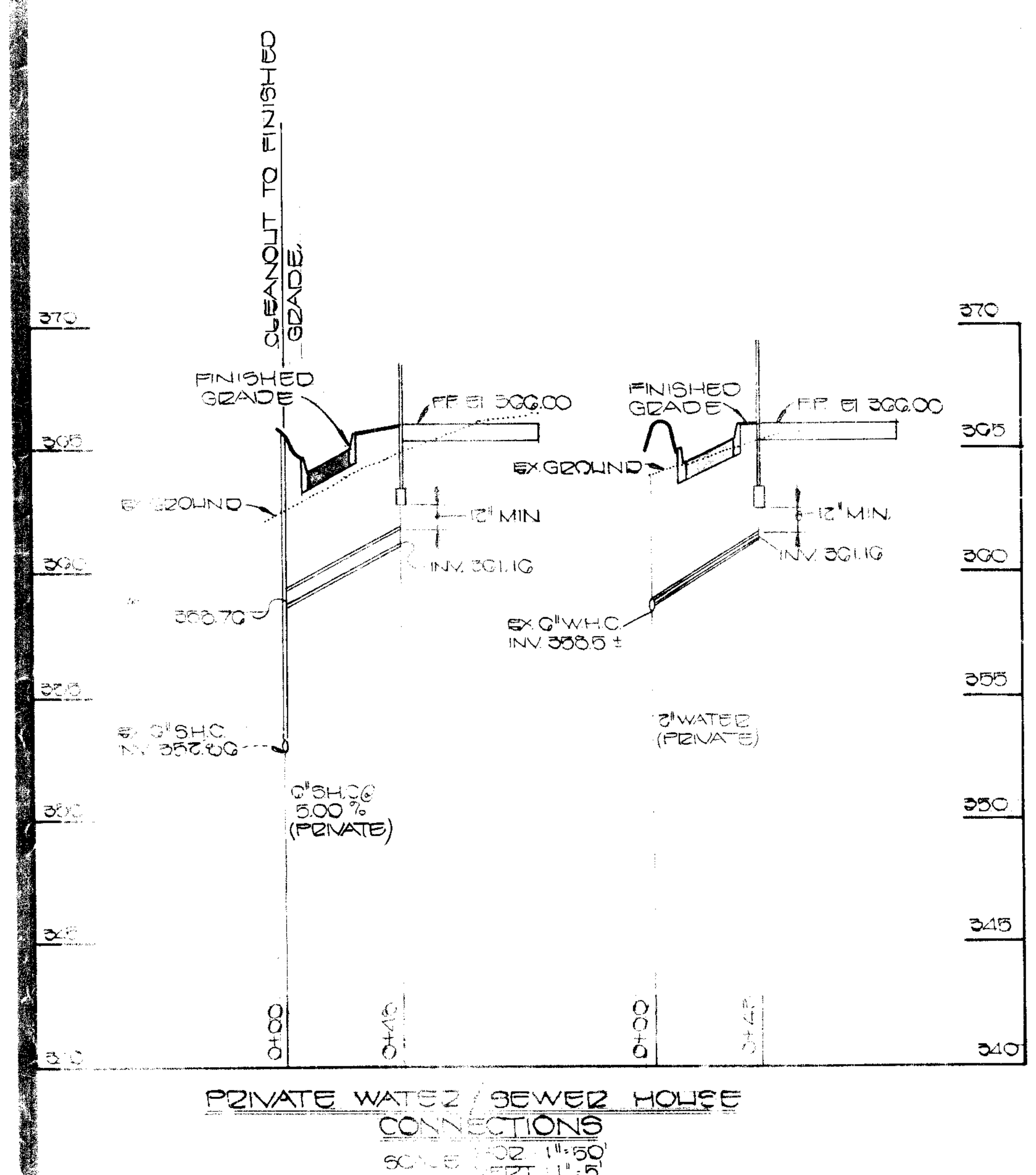
	Description	Date	By
Preliminary Drawn			
Revisions 1	HOCO COMMENTS DATED 2/18/86	4/15/86	FCC
2			
3			
4			
5			
6			
7			
8			
9			
Plan Checked			
As Built Drawn			

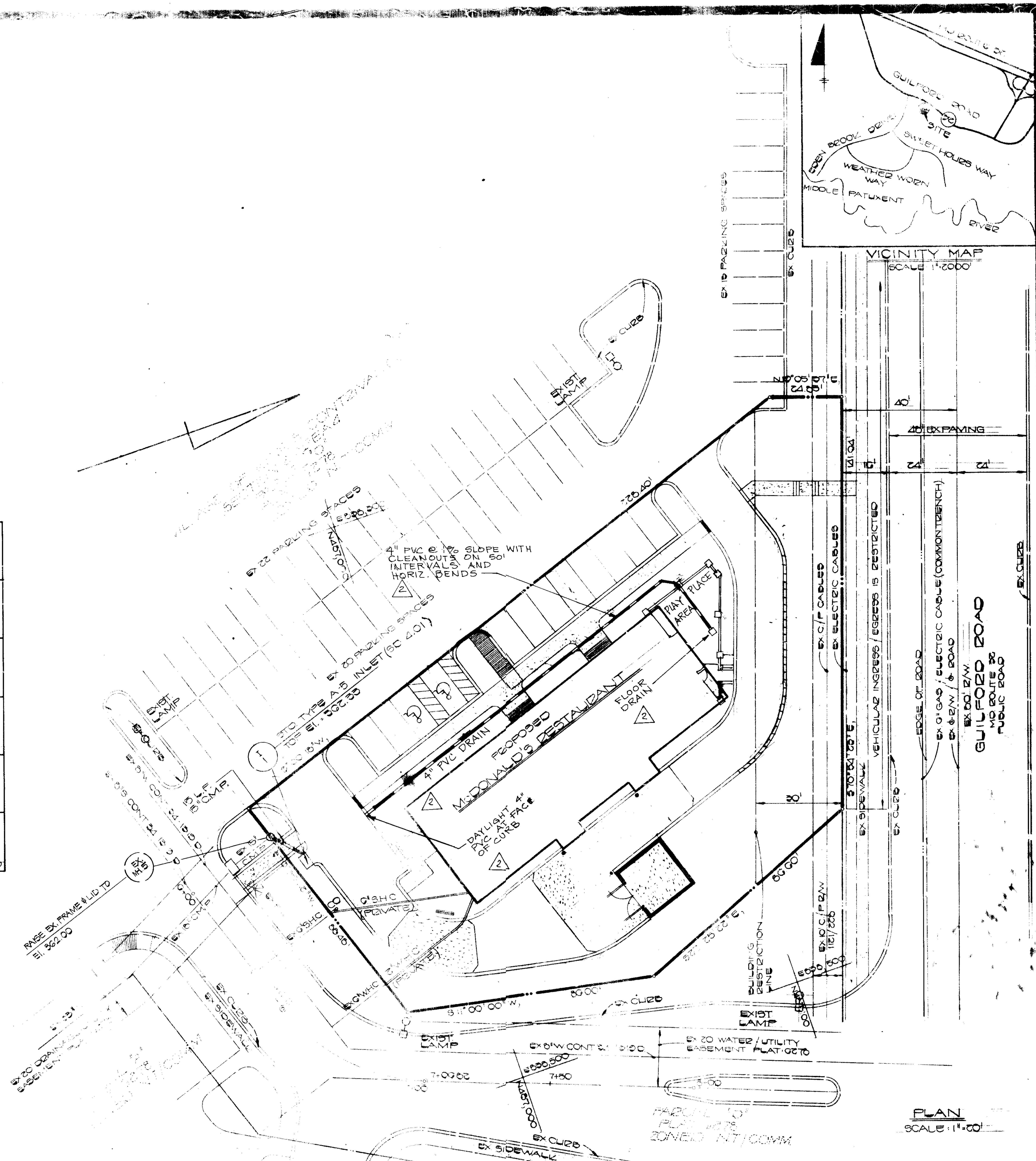
REGIONAL DWG NO

CORPORATE DWG NO

SP-3 OF 7

SDP 86-100c





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

DEVELOPER:
McDONALD'S CORPORATION
3015 WILLIAMS DRIVE
FAIRFAX, VIRGINIA 22031
(703) 698-4000

4-2-86

GENERAL NOTES

1. ... Contractor ... Conduit and ... by the General Contractor.
2. Bases, Anchor Bolts, Conduit and Wiring for All Other Signs are by the General Contractor.
3. ... Empty Conduit to Locations Shown at the Lot Perimeter for Lot Lighting is by the General Contractor. Lighting Fixtures, Bases, Poles, Conduit, and Wiring are by the Owner/Operator.
4. Bases for Flagpoles are by the General Contractor. Anchor Bolts are by the Flagpole Supplier.
5. Proposed Utilities are Shown in Schematic Only. Exact Locations shall be Field Determined to Allow for the Most Economical Installation.
6. The Contractor shall Coordinate with All Utility Companies to Determine Exact Point of Service Connection at Existing Utility. Refer to the Building Electrical and Plumbing Drawings for Utility Service Entrance Locations, Sizes, and Circuiting.
7. All Elevations Shown are in Reference to the Benchmark and must be Verified by the General Contractor At Groundbreak.
8. Finish Walk and Curb Elevations shall be 6" Above Finish Pavement.
9. All Landscape Areas shall be Rough Graded to 6" Below Top of All Walks and Curbs. Finish Grading, Landscaping, and Sprinkler Systems are by the Owner/Operator.

PAVING SPECIFICATION
(Minimum 3" Total Compacted Asphalt Thickness.)

Note: McDonald's Engineer Reserves The Right To Request A Compaction Test And/Or A Core Sample. If Tests Prove Correct, Per Above Specifications, Tests Will Be At The Expense Of McDonald's, Otherwise, G.C. Will Be Charged.

LOT LIGHTING RECOMMENDATION

Note: Electrical Contractor To Circuit Lot Lighting As Noted.

PARKING INFORMATION

Total Spaces	Spaces	x	@
	Spaces	x	@
	Spaces	x	@
	Spaces	x	@

UTILITY INFORMATION

	Size	Type	Location
Sanitary Sewer			
Water			
Storm Sewer			
Electric			
Gas			

SURVEY INFORMATION
FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
TELEPHONE: (301) 461-2855

LEGEND

Sanitary Sewer	S	Gas	G
Water	W	Lot Light	LP 30
Storm Sewer	ST	Existing Elevation	(76.5)
Electric	E	Proposed Elevation	77.0

PLAN SCALE 1" = 20'

VILLAGE OF KING'S CONTRIVANCE
SECTION 2 AREA 4
PARCEL "B"
SIXTH ELECTION DIST
SCALE: AS SHOWN
HOWARD CO MARYLAND
DATE FEB. 20, 1986

UTILITY PLAN

McDonald's

These plans and specifications are the property of McDonald's Corporation and shall not be reproduced without their written permission.

PLAN APPROVALS

Signature (2 required)	Date
Regional Mgr.	
... Mgr.	
...	
Contractor	

PLAN STATUS

Description	Date	By
Preliminary Drawn		
Revisions		
HO. CO. COMMENTS DATED 3/15/86	4/15/86	FCC
ADDED PLAY PLACE AND DRAINAGE PIPE	7/1994	J.W.C.
Plan Checked		
As Built Drawn		

REGIONAL ...

CORPORATE ...

SP-4 OF 7

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 ... WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
2/18/86

DEVELOPER'S CERTIFICATE
WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN OF 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 2-18-86

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
U.S. SOIL CONSERVATION SERVICE — DATE 5-6-86

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
APPROVED:
HOWARD SOIL CONSERVATION DISTRICT — 5/6/86

APPROVED: OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — DATE 5-15-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 5-14-86

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

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DIRECTOR, PUBLIC WORKS — DATE 5-8-86
CHIEF, BUREAU OF ENGINEERING — DATE 5-8-86

SUBDIVISION			SECTION/AREA		PARCEL
VILLAGE OF KING'S CONTRIVANCE			2/4		'B'
PLAT NO 6270	BLOCK NO 7	ZONE NT COMM	TAX/ZONE 42	ELEC DIST 6TH	CENSUS TR 6062
WATER CODE E-10			SEWER CODE 6350000		

SDP 86-106

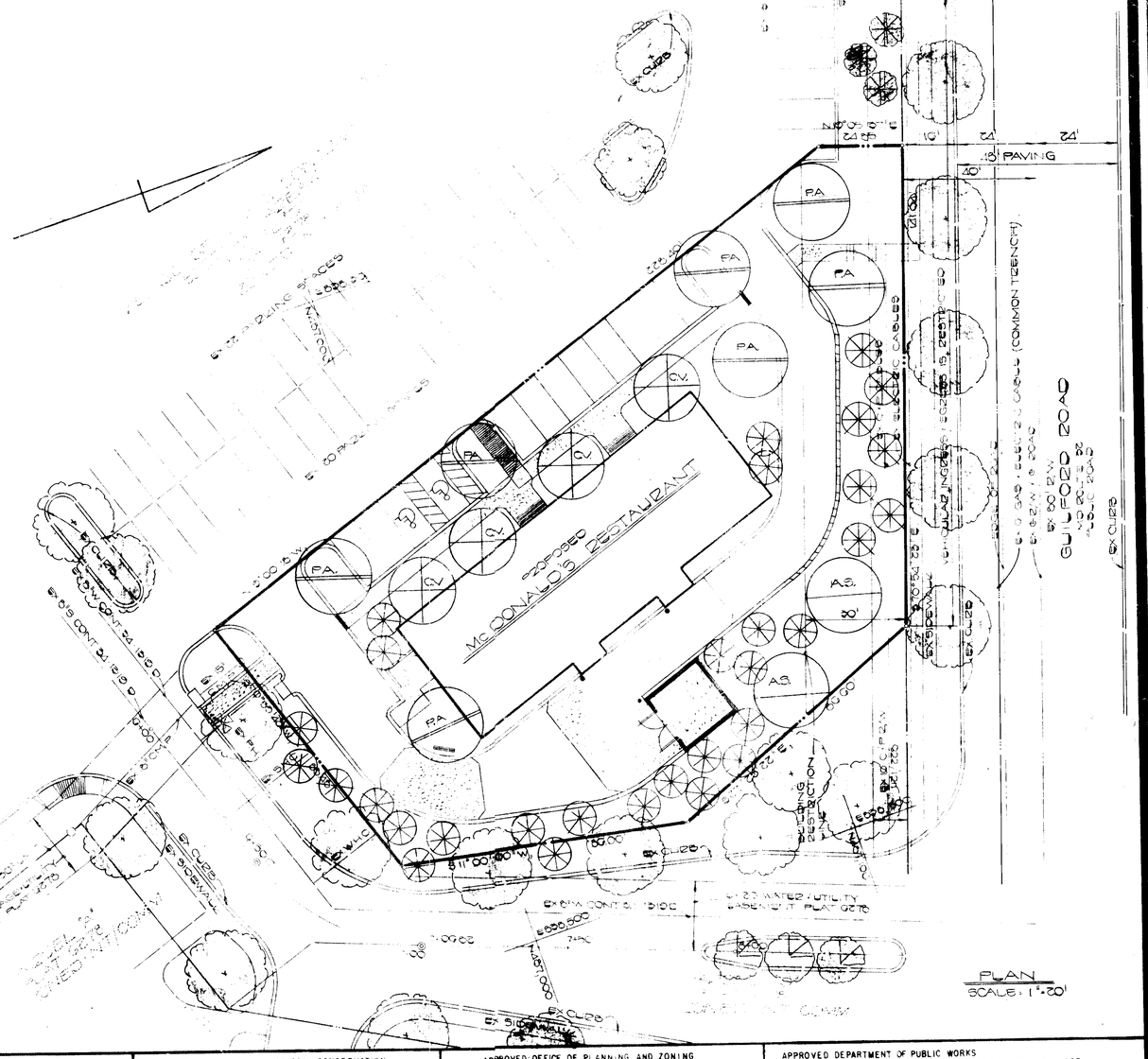
LANDSCAPE LEGEND:

-2 ACER SACCHARUM "BONFIRE"
2-1/2"-3" CALIPER MIN. 12'-14' HT.MIN.

-7 PLATANUS ACERIFOLIA "BLOODGOOD"
2-1/2" CALIPER MIN. 12'-14' HT.MIN.

-31 PINUS THUNBERGIANA "JAPANESE BLACK PINE"
2-1/2" CALIPER MIN. 6'-8' HT. MIN.

-4 CRATAEGUS VIRIDUS "WINTERKING HAWTHORN"
2-1/2"-3" CALIPER 8'-10' HT. MIN.



APPROVED
4-2-86

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

DEVELOPER:
McDONALD'S CORPORATION
3015 WILLIAMS DRIVE
FAIRFAX, VIRGINIA 22031
(703) 698-4000

STATE OF MARYLAND

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. Girsch — 2/28/86
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."

David E. Lewton — 2-18-86
SIGNATURE OF DEVELOPER — DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE — 5-6-86 DATE

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

Stephen L. Hush — 5/6/86
DISTRICT — DATE
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

Thomas H. Harig — 5-15-86
PLANNING DIRECTOR — DATE

John W. Marcham — 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
CHIEF, BUREAU OF ENVIRONMENTAL HEALTH — DATE

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

Gary E. Nemmy — 5-8-86
DIRECTOR, PUBLIC WORKS — DATE

5-6-86
CHIEF, BUREAU OF ENGINEERING — DATE

SUBDIVISION | SECTION/AREA | PARCEL
LOT NO. | BLOCK NO. | ZONE | TAX ZONE | CENSUS TR

PLAN APPROVALS

1. Signs are by the General Contractor ... other signs are by the General Contractor.
2. Traffic Control Signs are ... Post ... Type I Lighting ... Bases, Poles ... are by the Electrical Contractor.
3. Flagpoles are by the ... Anchor ... sets are by the Flagpole Supplier.
4. Proposed Utilities are shown ... Exact locations shall be Field Determined ... the Most ... Mechanical Installation.
5. The Contractor shall Coordinate ... Companies ... Determine Exact Point of Service ... of Existing ... Water ... the Building ... Plumbing ... Drawings for ... Service Line ... Size and ... Routing.
6. All Elevations Shown are to Relate to ... Benchmark and must be Verified by the Contractor ... Groundbreak.
7. Finish Walk and Curb Elevations ... Above Finish Pavement.
8. All Landscape Areas shall be ... 6" Below Top of All Walks and Curbs. ... Landscaping and Sprinkler Systems are by the ... Contractor.

PAVING SPECIFICATION
Minimum 3" Total Compacted Asphalt ... Inches

Note: McDonald's Engineer Reserves the ... Compaction Test And Or A Core Sample ... Above Specifications Tests Are ... by McDonald's ... Otherwise ... Will Be Charged.

LOT LIGHTING RECOMMENDATION

Note: Electrical Contractor To Coordinate ... Lighting Notes

PARKING INFORMATION

Total Spaces	Spaces	@
	Spaces	@
	Spaces	@
	Spaces	@

UTILITY INFORMATION

	Size	Type	Location
Sanitary Sewer			
Water			
Storm Sewer			
Electric			
Gas			

SURVEY INFORMATION

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

LEGEND

Sanitary Sewer	S	Gas	G
Water	W	Lot Light	LP 10
Storm Sewer	ST	Existing Elevation	76.5
Electric	E	Proposed Elevation	77.0

PLAN SCALE 1" = 20'

VILLAGE OF KING'S CONTRIVANCE
SECTION 6, AREA 3
SCHOOL DISTRICT ... ELEMENTARY SCHOOL ... MIDDLE SCHOOL ... HIGH SCHOOL
FEB 20, 1986

LANDSCAPE PLAN

PLAN STATUS

McDonald's

SP 86-50

SDP 86-26

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) 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 1½ 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 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 2½ 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 1½ 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.

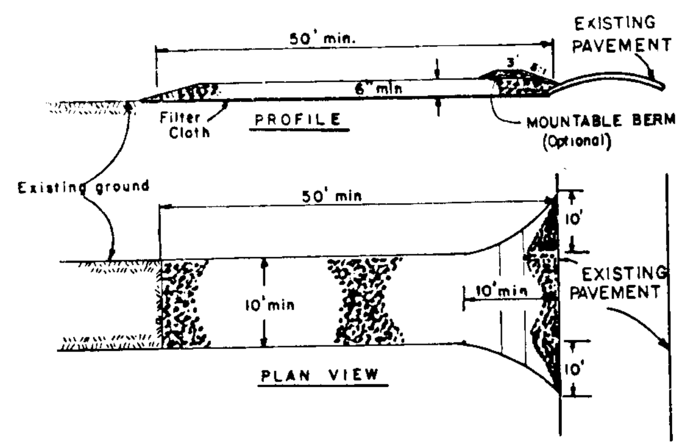
REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

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) SOD (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	0.58	ACRES
AREA DISTURBED	0.56	ACRES
AREA TO BE ROOFED OR PAVED	0.33	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.23	ACRES
TOTAL CUT	320	CU.YDS.
TOTAL FILL	320	CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	BALANCED	

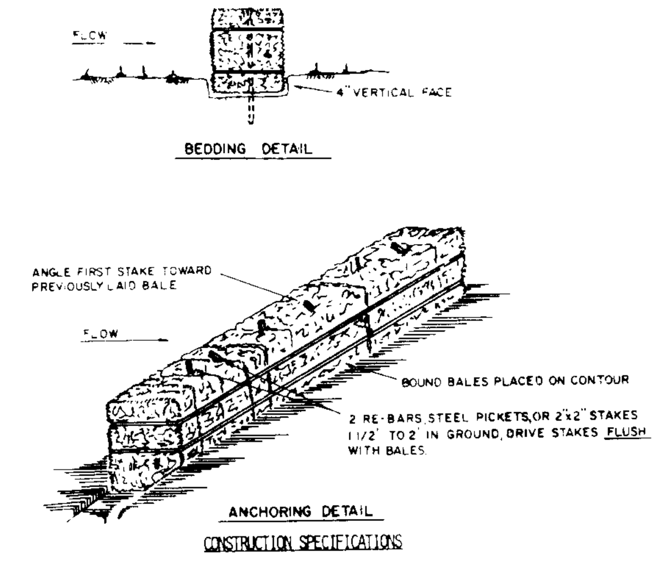
8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.



CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence 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 residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
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 measures 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.

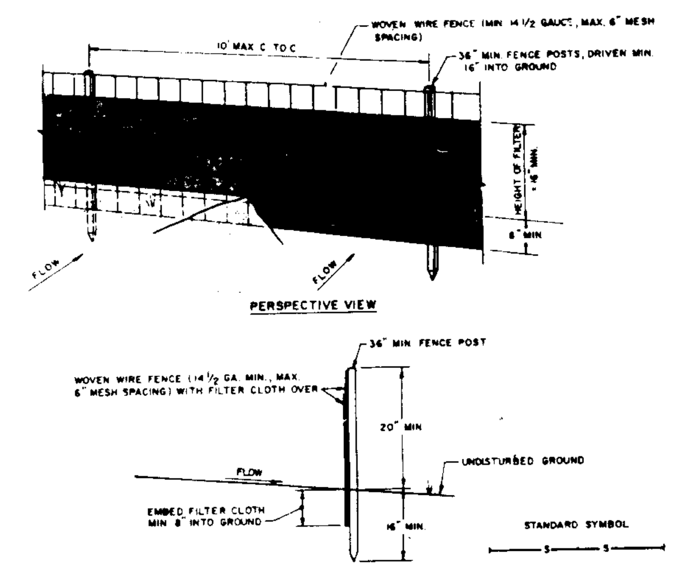
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-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.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW BALE DIKE
NOT TO SCALE



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN 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 OVER-LAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

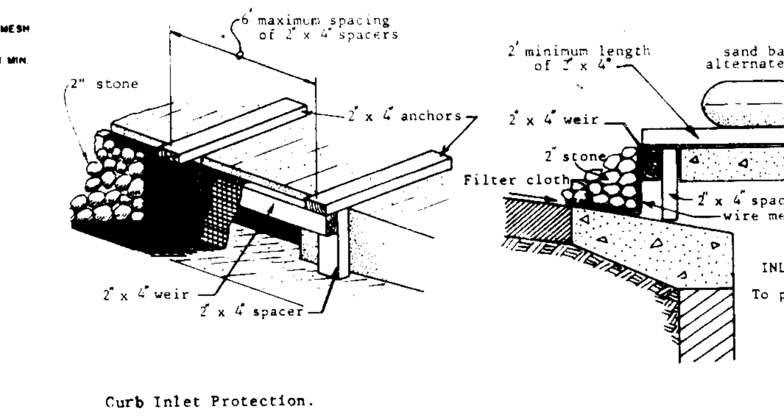
POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD

FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

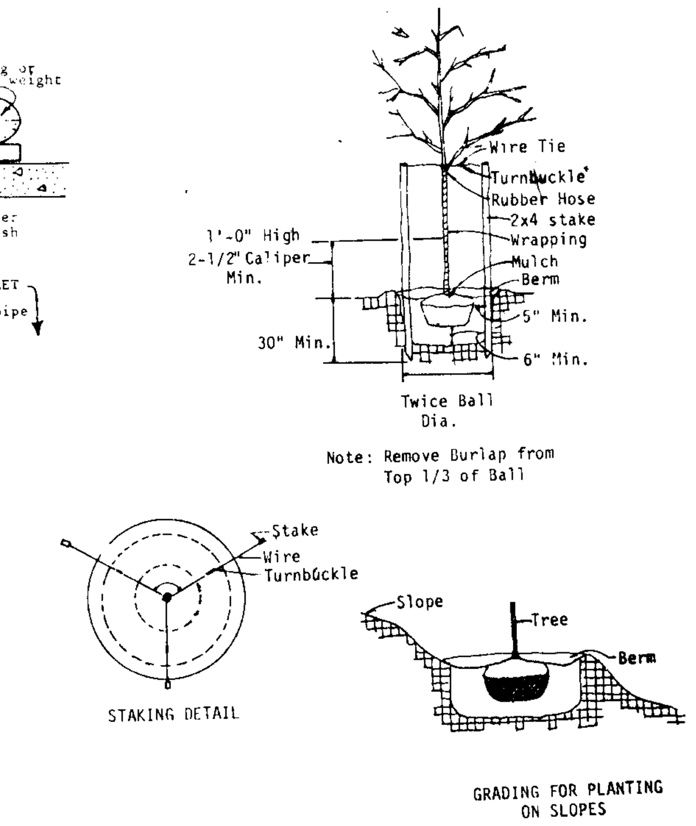
SILT FENCE
NOT TO SCALE



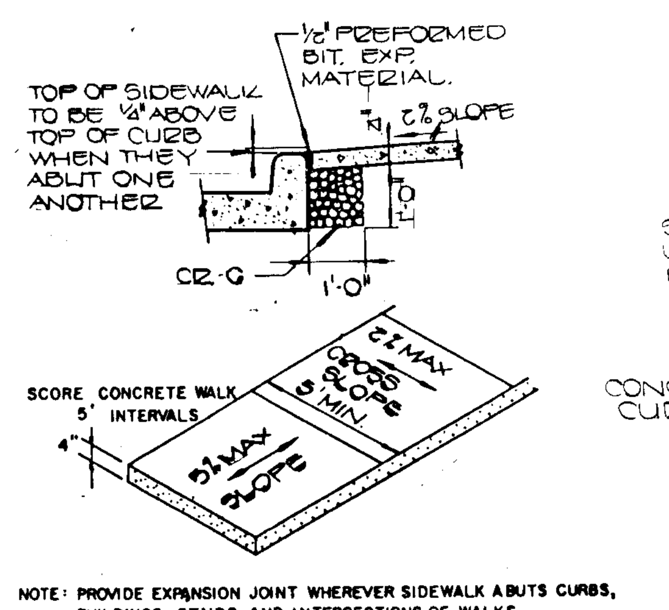
Curb Inlet Protection.

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 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 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' lengths of 2" x 4" to 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 dikes directing flow into inlet.

INLET PROTECTION
NOT TO SCALE



TREE PLANTING DETAIL
NOT TO SCALE

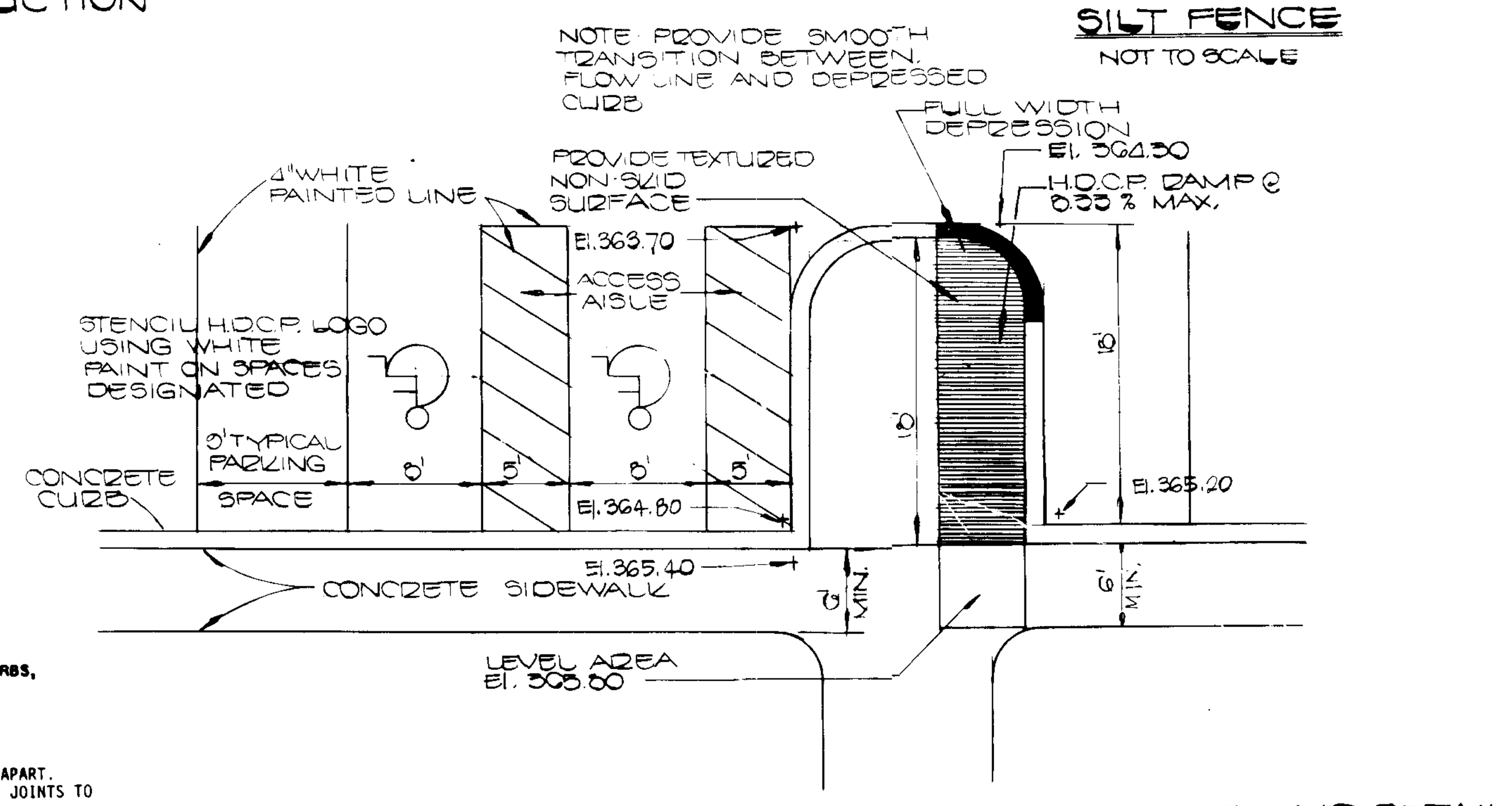


NOTE: PROVIDE EXPANSION JOINT WHEREVER SIDEWALK ABUTS CURBS, BUILDINGS, STAIRS AND INTERSECTIONS OF WALKS.

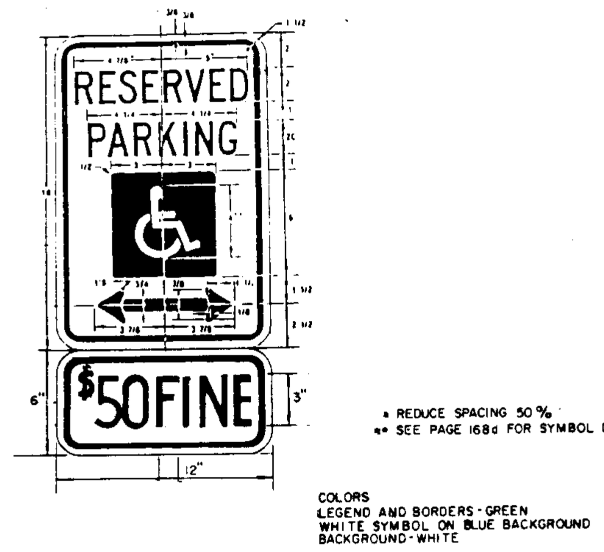
NOTES:

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.

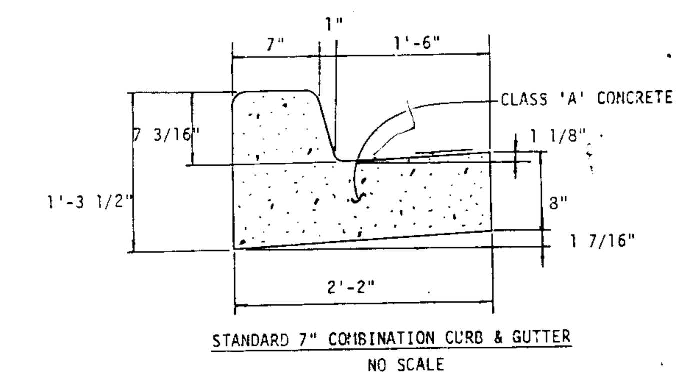
SIDEWALK DETAIL
NOT TO SCALE



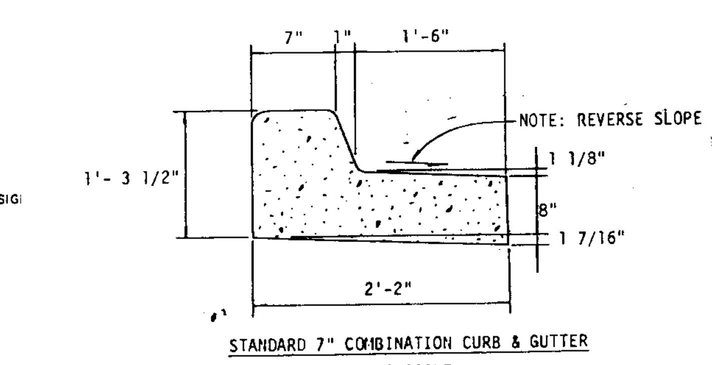
HANDICAPPED RAMP AND PARKING DETAIL
NOT TO SCALE



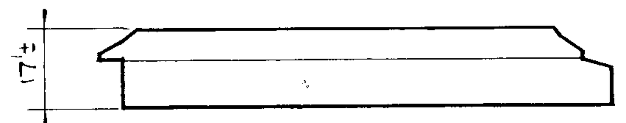
HANDICAPPED SIGN DETAIL
NOT TO SCALE



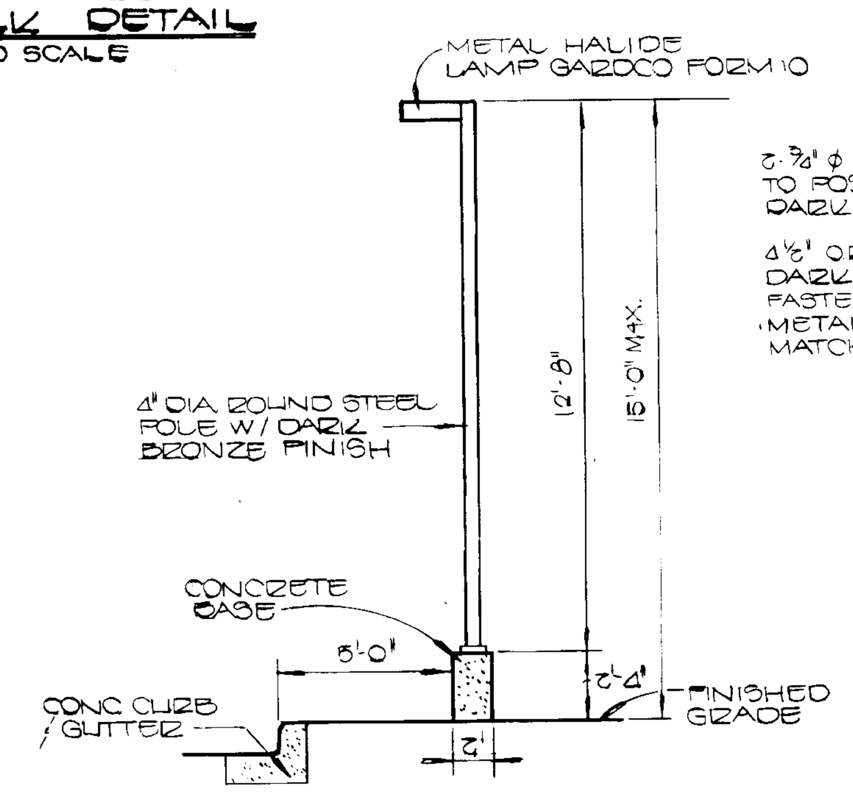
STANDARD 7" COMBINATION CURB & GUTTER
NO SCALE

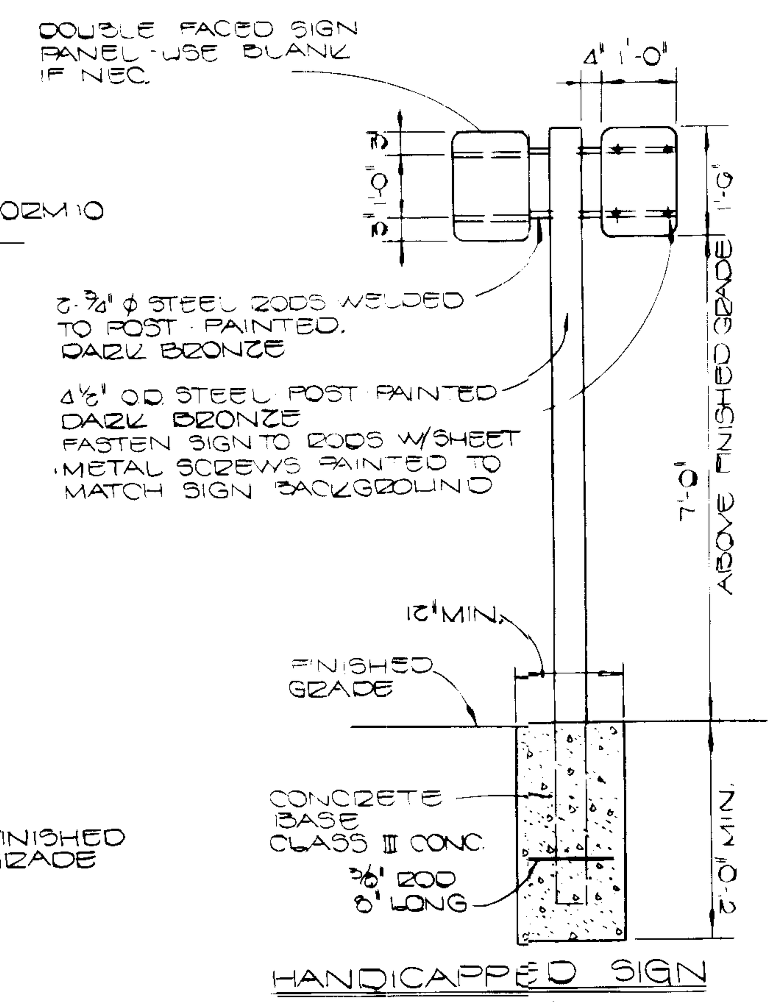


STANDARD 7" COMBINATION CURB & GUTTER
NO SCALE

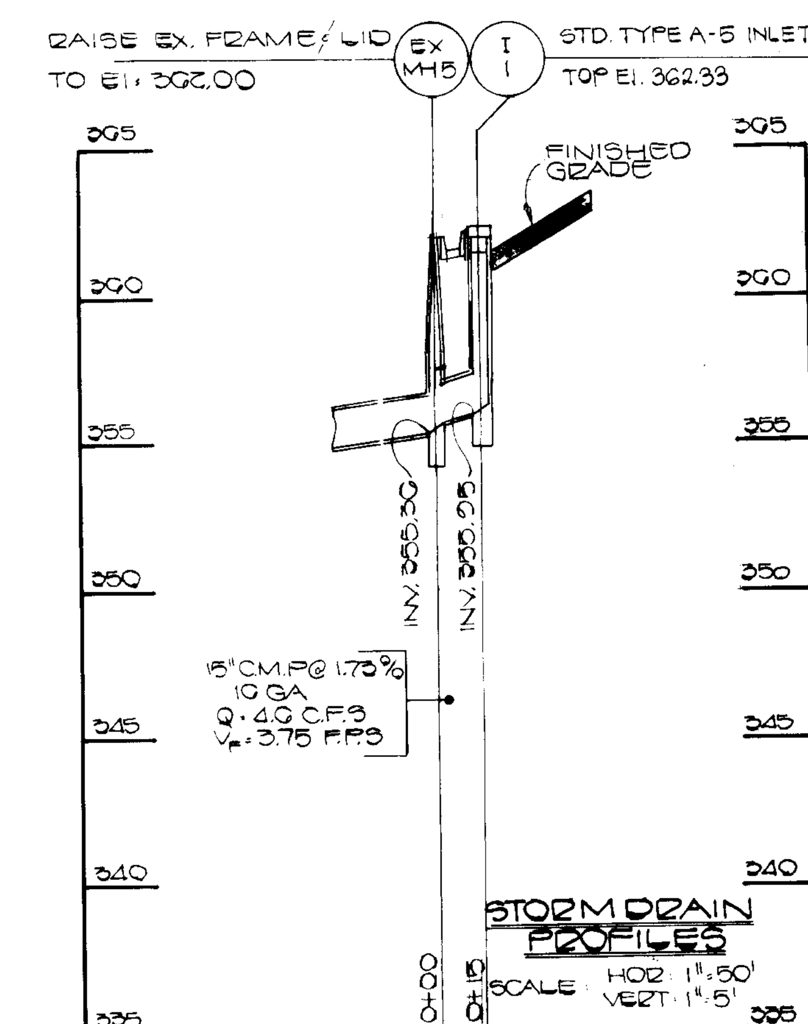


BUILDING PROFILE
NOT TO SCALE

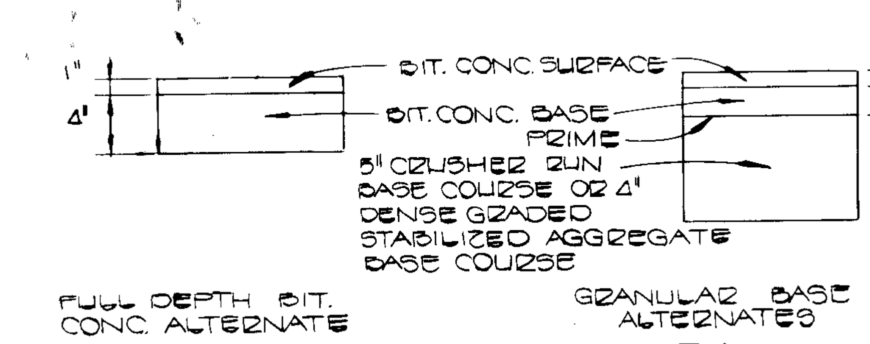




HANDICAPPED SIGN
NOT TO SIGN



STORM DRAIN PROFILES
SCALE HOR: 1" = 50' VERT: 1" = 5'



PAVING SECTION P-1
NOT TO SCALE

APPROVED
PLANNING BOARD
OF HOWARD CO.
DATE 4-2-86

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

DEVELOPER:
McDONALD'S CORPORATION
3015 WILLIAMS DRIVE
FAIRFAX, VIRGINIA 22031
(703) 698-4000

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 OF ENGINEER — DATE 2/18/86

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 OF DEVELOPER — DATE 2-18-86

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE — DATE 5-6-86

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

DISTRICT — DATE 5/6/86
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 5-15-86

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 5-14-86

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

HEALTH OFFICER — DATE 5-13-86

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

DIRECTOR, PUBLIC WORKS — DATE 5-8-86

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

SUBDIVISION			SECTION/AREA	PARCEL	
VILLAGE OF KING'S CONTRIVANCE			2/4	"B"	
PLAT NO. 6278	BLOCK NO. 7	ZONE N.T. COMM	TAX/ZONE 42	ELEC. DIST. 6TH	CENSUS TR. 6062
WATER CODE E-10			SEWER CODE 6350000		

FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
TELEPHONE: (301) 461-2855

VILLAGE OF KING'S CONTRIVANCE
SECTION 2 AREA 4
PARCEL "B"

SIXTH ELECTION DIST. — HOWARD CO MARYLAND
SCALE: AS SHOWN — DATE: FEBRUARY 20, 1986

NOTES / DETAILS

FLAN APPROVALS

	Signature (2 required)	Date
Regional Mgr		
Const. Mgr		
Operations		
CO SIGN SIGNATURES		
Contractor		
Owner		

McDonald's

These plans and specifications are the property of McDonald's Corporation and shall not be reproduced without their written permission.

PLAN STATUS

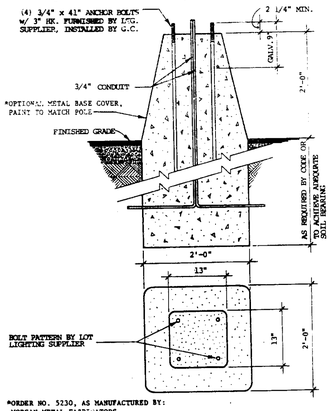
	Description	Date	By		
	Preliminary Drawn			5	
	Revisions			6	
1	HO CO COMMENTS DATED 3/15/86	4/15/86	FCC	7	
2				8	Plan Checked
3				9	As-Built Drawn
4					

REGIONAL DWG. NO.:

CORPORATE DWG. NO.:

SP-6 OF 7

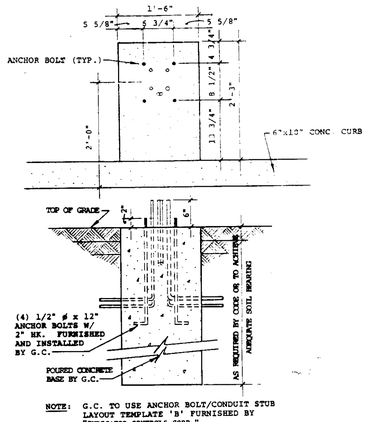
S.D.P. 86-109c



*ORDER NO. 5230, AS MANUFACTURED BY:
MORGAN METAL FABRICATORS
P.O. BOX 208/1401 10th AVENUE
BEAVER FALLS, PA 15010
(412) 843-7485

LIGHT POLE BASE

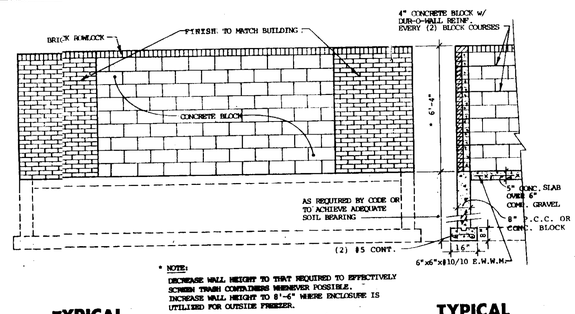
SCALE: 1" = 1'-0"



NOTE: G.C. TO USE ANCHOR BOLT/CONDUIT STUB LAYOUT TEMPLATE 'B' FURNISHED BY "INDICATOR CONTROLS CORP."

SPEAKER POST BASE

SCALE: 1" = 1'-0"
.125 C.Y. Conc. per L.F. Depth + 4 L.F. A.B.



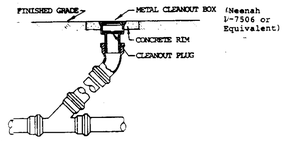
* NOTE:
DECREASE WALL HEIGHT TO THAT REQUIRED TO EFFECTIVELY SCREEN TRASH CONTAINERS WHENEVER POSSIBLE.
INCREASE WALL HEIGHT TO 8'-6" WHERE ENCLOSURE IS UTILIZED FOR OUTSIDE FREEZER.

TYPICAL FRONT ELEVATION

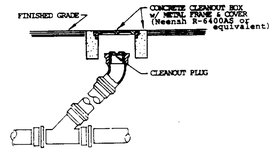
SCALE: 3/8" = 1'-0"

TYPICAL WALL SECTION

SCALE: 3/8" = 1'-0"



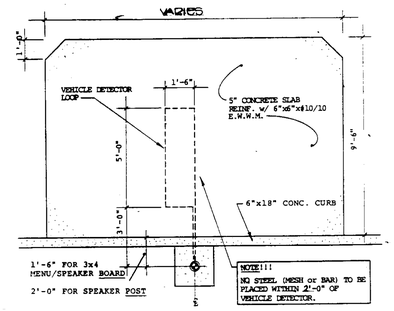
CLEANOUT IN UNPAVED AREA



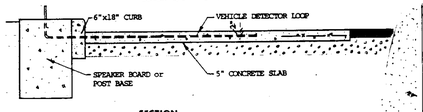
CLEANOUT IN PAVED AREAS

NOTE: G.C. IS TO INSTALL CLEANOUT AT ANY PIPING ANGLE CHANGES AND AT EVERY 50' IN PIPING RUNS GREATER THAN 100' IN LENGTH.

EXTERIOR CLEANOUTS



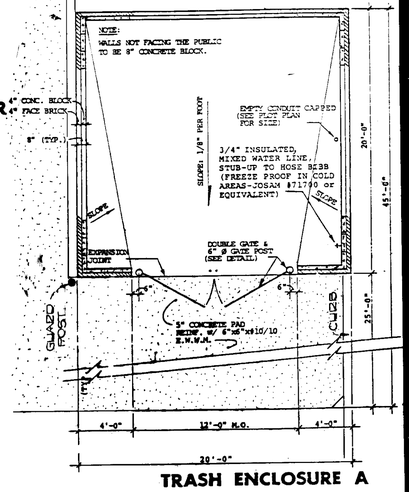
PLAN
SCALE: 3/8" = 1'-0"



SECTION
SCALE: 1/2" = 1'-0"

CONCRETE PAD AT DRIVE-THRU VEHICLE DETECTOR

.015 C.Y. Conc. per S.F. + Reinf.
170 S.F. Total/2.62 C.Y. Conc. + Reinf. per Pad

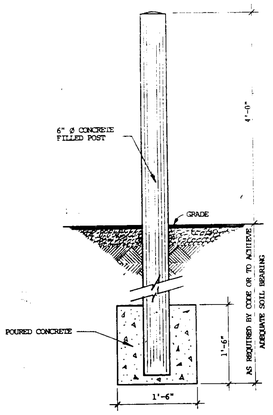


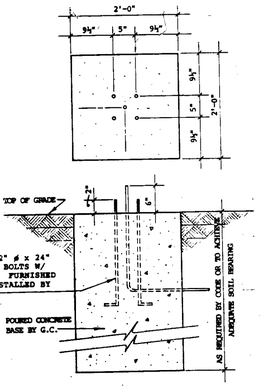
TRASH ENCLOSURE A

SCALE: 1/4" = 1'-0"
~~77.33~~ 113.5 S.F. (113.5 S.F. incl. End Apron) *
~~77.33~~ 113.5 L.F. Fdn. ~~77.33~~ 113.5 S.F. Masonry

GUARD POST

SCALE: 1" = 1'-0"

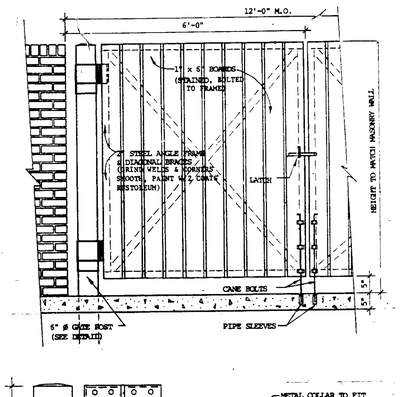


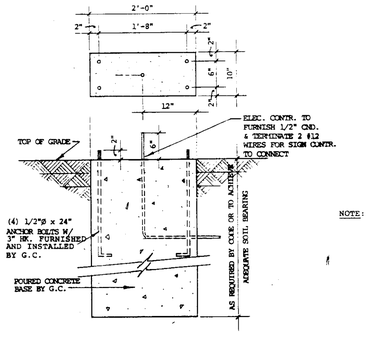


NOTE: G.C. TO USE ANCHOR BOLT/CONDUIT STUB LAYOUT TEMPLATE 'C' FURNISHED BY "INDICATOR CONTROLS CORP."

3' x 6', 4' x 6', & 4' x 8' MENU DISPLAY BOARD BASE

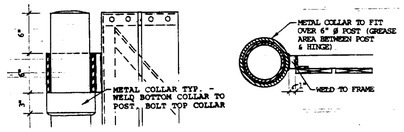
SCALE: 1" = 1'-0"
.148 C.Y. Conc. per L.F. Depth + 8 L.F. A.B.





ENTRANCE & EXIT SIGN BASE

SCALE: 1" = 1'-0"
.062 C.Y. Conc. per L.F. Depth + 8 L.F. A.B.



TRASH ENCLOSURE GATE & MOUNTING DETAILS

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
4-2-86

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

DEVELOPER:
McDONALD'S CORPORATION
3015 WILLIAMS DRIVE
FAIRFAX, VIRGINIA 22031
(703) 698-4000

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 OF ENGINEER — DATE 2/18/86

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 OF DEVELOPER — DATE 2/18/86

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
U.S. SOIL CONSERVATION SERVICE — DATE 5-6-86

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:
DISTRICT — HOWARD SOIL CONSERVATION DISTRICT — DATE 5/6/86

APPROVED: OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — DATE 5-14-86
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 5-14-86

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

APPROVED: DEPARTMENT OF PUBLIC WORKS. FOR PUBLIC WATER & SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.
DIRECTOR, PUBLIC WORKS — DATE 5-8-86
CHIEF, BUREAU OF ENGINEERING — DATE 5-8-86

SUBDIVISION	SECTION/AREA	PARCEL
VILLAGE OF KING'S CONTRIVANCE	2/4	"B"

PLAT NO.	BLOCK NO.	ZONE (NT COMM)	TAX/ZONE	ELEC. DIST.	CENSUS TR.
6278	7		42	6TH	6066

WATER CODE 6-16 — SEWER CODE 6850000

FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043
TELEPHONE: (301) 461-2855

VILLAGE OF KING'S CONTRIVANCE
SECTION 2 AREA 4
PARCEL "B"
SIXTH ELECTION DIST. HOWARD CO. MARYLAND
SCALE AS SHOWN DATE FEB 20, 1986

NOTES / DETAILS

REGIONAL DWG NO.

CORPORATE DWG NO.

SP-7 OF 7

S.D.P. 86-190c

FLAN APPROVALS

	Date
Signature (2 required)	
Regional Mgr	
Const Mgr	
Operations	
Contractor	
Owner	

CO SIGN SIGNATURES

PLAN STATUS

Description	Date	By
Preliminary Drawn		
Revisions	4/15/86	FCC
	5/6/86	
	5/16/86	
	5/30/86	
	6/13/86	
Plan Checked		
As Built Drawn		

McDonald's

These plans and specifications are the property of McDonald's Corporation and shall not be reproduced without their written permission