



- LEGEND**
- NEW WALKS ( CONC. PAVERS)
  - CONCRETE D/T PAD
  - NEW BITUMINOUS PAVING

**STV / LYON ASSOCIATES**  
 Engineers Surveyors Planners  
 21 Governor's Court Baltimore, Maryland 21207  
 Telephone : 301-944-9112

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER *J. M. [Signature]* DATE 5-11-87

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR *[Signature]* DATE 6-1-87  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR *[Signature]* DATE 5/18/89  
 CHIEF BUREAU OF ENGINEERING *[Signature]* DATE 5-2-89

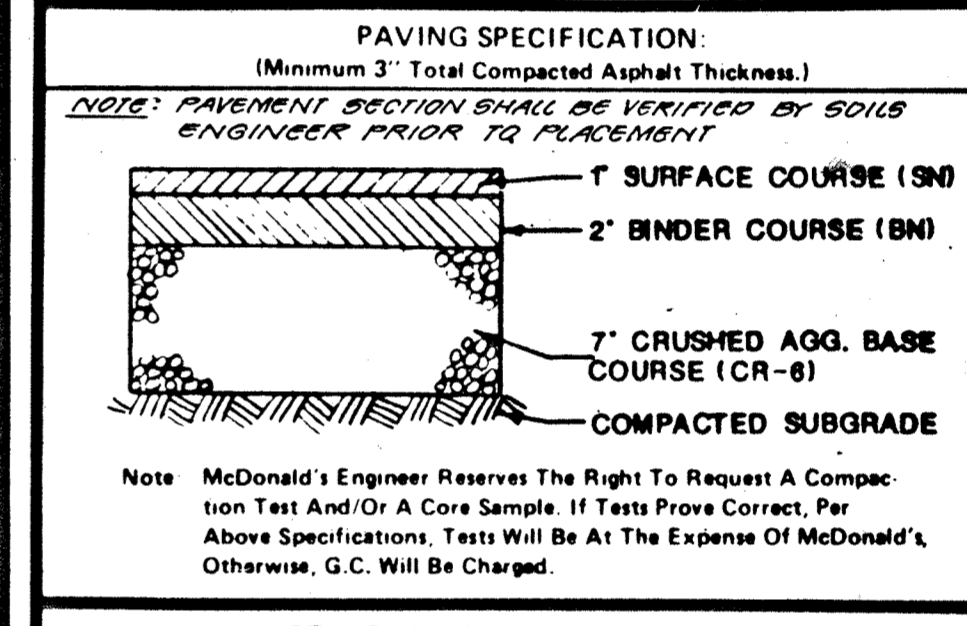
APPROVED DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE 9-28-88

PLAN APPROVAL BLOCK

NOTE: FOR GENERAL NOTES SEE SHT. SP-2.

- CONSTRUCTION NOTES:**
- C-1 INSTALL 2" WATER SERVICE AND 1/2" METER
  - C-2 INSTALL 4" SANITARY HOUSE CONNECTION. CONTRACTOR SHALL VERIFY INVERT OF EXISTING 6" STUB PRIOR TO CONSTRUCTION.
  - C-3. INSTALL HOWARD COUNTY STANDARD TYPE 'S' INLET (SD-4.22).
  - C-4 INSTALL HOWARD COUNTY STANDARD TYPE 'S' COMBINATION INLET (SD-4.32).
  - C-5 INSTALL HOWARD COUNTY STANDARD PRECAST MANHOLE (65.12).
  - C-6 INSTALL 15" RCCP CL. IV.
  - C-7 INSTALL 1 1/2" PVC CONDUIT.
  - C-8 INSTALL NEW 1,000 GALLON GREASE TRAP.
  - C-9 INSTALL MCDONALD'S MENU BOARDS. W/ CONDUIT & WIRE.
  - C-10 INSTALL NEW CONCRETE PAVERS PER MCDONALD'S STANDARD.
  - C-11 INSTALL NEW BITUMINOUS PAVING TO GRADES AND LIMITS AS SHOWN.
  - C-12 INSTALL CONCRETE DRIVE-THRU LANE AS SHOWN. PAINT STRIPE AS DETAILED ON SHEET SP-6.
  - C-13 INSTALL CONCRETE DRIVE-THRU PAD WITH DETECTOR AS SHOWN. (SEE DETAIL SHEET SP-8)
  - C-14 PAINT STRIPE PAVEMENT MARKINGS AS SHOWN AND AS DETAILED ON SHEET SP-4.
  - C-15 CONSTRUCT TRASH CORRAL (SEE DETAIL SHEET SP-4).
  - C-16 INSTALL 6" X 18" CONCRETE CURBING (SEE DETAIL SHEET SP-6).
  - C-17 INSTALL CONCRETE CURB & GUTTER (SEE DETAIL SHEET SP-6).
  - C-18 SAW CUT EXISTING CONCRETE CURB AND REMOVE. MATCH PROPOSED CONCRETE CURB & GUTTER TO EXISTING.
  - C-19 MATCH PROPOSED CONCRETE CURB & GUTTER TO LINE & GRADE OF EXISTING.
  - C-20 INSTALL 6" DIAMETER GUARD POST (SEE DETAIL SHEET SP-6).
  - C-21 PROVIDE HANDICAP RAMP. SEE SHEET SP-5 FOR DETAIL.
  - C-22 INSTALL FLAG POLES (SEE DETAIL SHEET SP-6). (3 REQUIRED)
  - C-23 INSTALL HANDICAP PARKING SIGNS (TYPICAL 2-TOTAL). AND 2 BOLLARDS. SEE DETAIL SHEET SP-8.
  - C-24 INSTALL ENTER SIGN WITH CONDUIT AND WIRE. SEE DETAIL SHEET SP-8.
  - C-25 INSTALL EXIT SIGN WITH CONDUIT AND WIRE. SEE DETAIL SHEET SP-8.
  - C-26 INSTALL 1-1/2" CONDUIT & WIRE TO TRASH CORRAL.
  - C-27 INSTALL 1" MIXED WATER TO TRASH CORRAL.
  - C-28 INSTALL MCDONALD'S (70-50) NUMBER SIGN AT 25' HEIGHT WITH CONDUIT AND WIRE. SEE DETAIL SHEET SP-8.
  - C-29 INSTALL LIGHT FIXTURE (SEE DETAIL SHEET SP-6 TYPICAL AT 7-LOCATIONS). TO BE DIRECTED AWAY FROM RESIDENTIAL AREAS & PUBLIC ROAD RIGHT OF WAYS. PREFERRED TRANSFORMER LOCATION. EXACT LOCATION OF TRANSFORMER DETERMINED BY B.G. & E.
  - C-30 PREFERRED GAS SERVICE LOCATION. EXACT LOCATION OF GAS SERVICE TO BE DETERMINED BY B.G. & E.
  - C-31 INSTALL DRIVE THRU SIGN. SEE DETAIL SHEET SP-8. (70-5) DIRECTIONAL SIGN
  - C-32 PAINTSTRIFE LOADING AREA W/4" WIDE STRIPES @ 24" O.C.
  - C-34 PAINTSTRIFE RESERVED SPACES AS DETAILED ON SHT. SP-6.
  - C-35 PAINTSTRIFE FOR TRAFFIC CONTROL - 4" WIDE PAINTED LINE AT 18" O.C.

- 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. 3/4" 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 Circuits.
  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.
  10. ALL FILL TO BE COMPACTED TO 95% (STANDARD PROCTOR).
  11. MCDONALD'S SHALL ARRANGE FOR TRASH PICK-UP DURING NON-PEAK HOURS TO PROVIDE FOR ACCESS TO PROPOSED DUMPSTER AREA.
  12. MCDONALD'S SHALL ARRANGE FOR DELIVERIES TO BE BY A SINGLE AXLE VEHICLE (NO TRACTOR TRAILER ACCESS IS REQUIRED.)



**LOT LIGHTING RECOMMENDATION:**

NEW 1000 WATT METAL HALIDE BY BEACON ILLUMINATION (18' POLE HEIGHT, 15° HEAD ANGLE)  
 NOTE: ALL LIGHTS ALONG PUBLIC ROAD R/W'S SHALL BE DIRECTED TOWARDS THE SITE AND BACK SHIELDED AS REQUIRED.  
 Note: Electrical Contractor to Circuit Lot Lighting as Noted.

**PARKING INFORMATION:**

Total Spaces	8 Spaces 9' x 18' @ 90°
45'	35 Spaces 9' x 18' @ 60°
	2 HANDICAP Spaces 8' x 18' @ 90°
	Spaces x @

**UTILITY INFORMATION:**

Sanitary Sewer	4" PVC AS SHOWN
Water	2" COPPER AS SHOWN
Storm Sewer	15" RCCP AS SHOWN
Electric	0.H.P. NORTH SIDE GUILFORD RD.
Gas	10" WEST SIDE RTE. 1 R/W

**SURVEY INFORMATION:**

Prepared By: **STV/LYON ASSOCIATES**  
 21 GOVERNORS COURT  
 BALTIMORE, MARYLAND 21207

Dated:

**LEGEND:**

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

PLAN SCALE: 1" = 20'

**COLUMBIA JUNCTION**  
 HOWARD COUNTY, MARYLAND  
 SECTION 2 AREA 1

TAX MAP	PARCEL	ELECTION DISTRICT
47 & 48	F	6th

**SITE & UTILITY PLAN**

**PLAN APPROVALS:**

Date:	
Signature: (2 required)	
Regional Mgr.	
Const. Mgr.	
Operations Dept.	
Special Estate Dept.	

**CO-SIGN SIGNATURES:**

Contractor	
Owner	

**McDonald's**

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MCD 1433

**PLAN STATUS:**

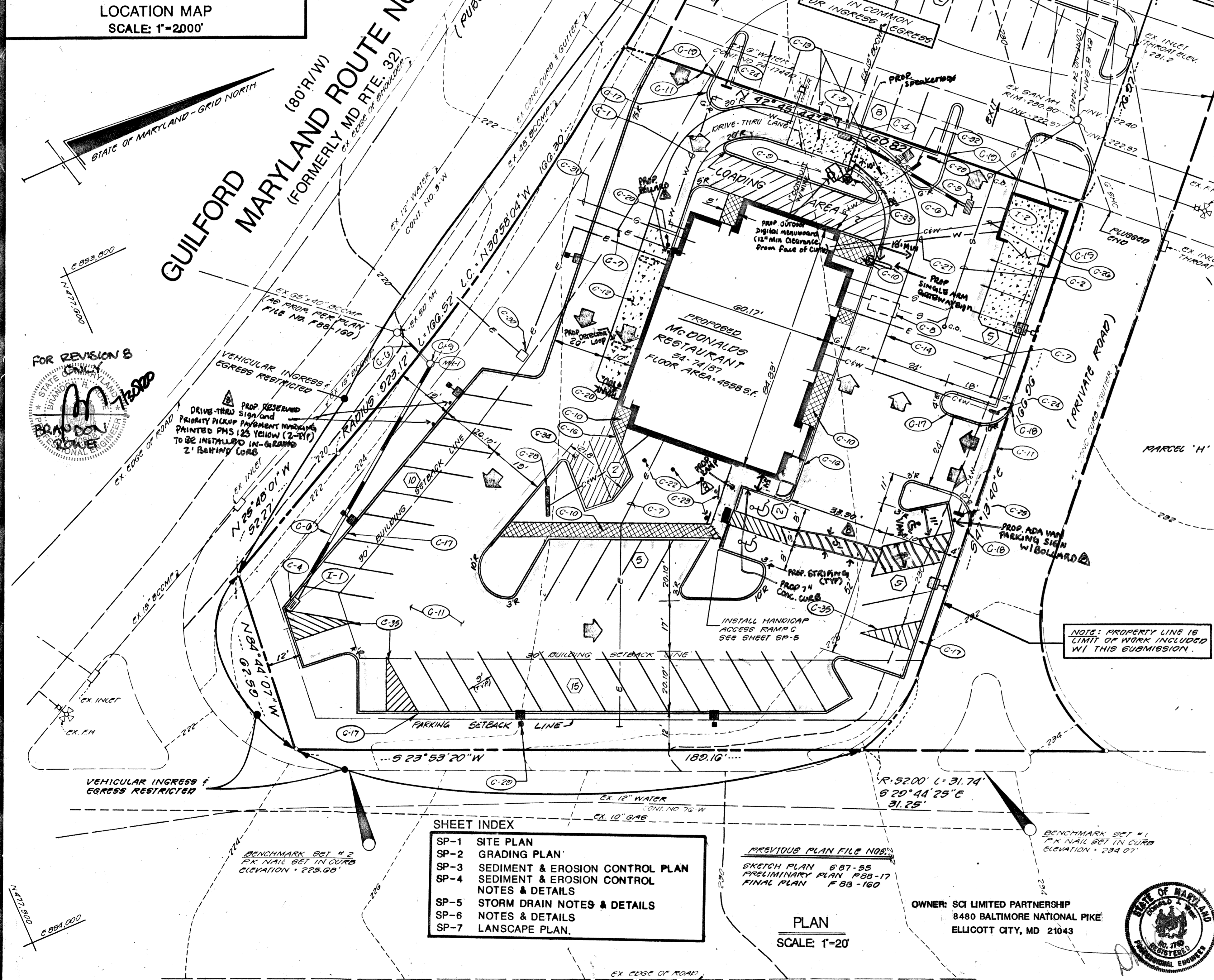
By:	TLB	7/22/88	TLB
Date:	4/15	10/10/88	TLB
Revisions	1	5/12/88	TLB
2	5/16/88	S.J.C.	
3	5/18/88	S.J.C.	
4	5-24-88	K.S.	

**REGIONAL DWG. NO.:** L/C 19-304

**CORPORATE DWG. NO.:**

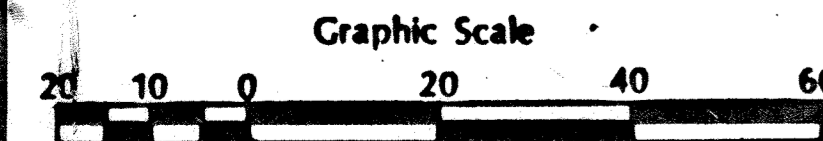
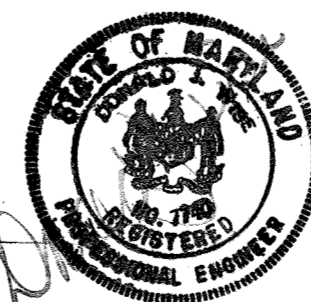
**STV JOB NO:** 7989-87

**SP-1**



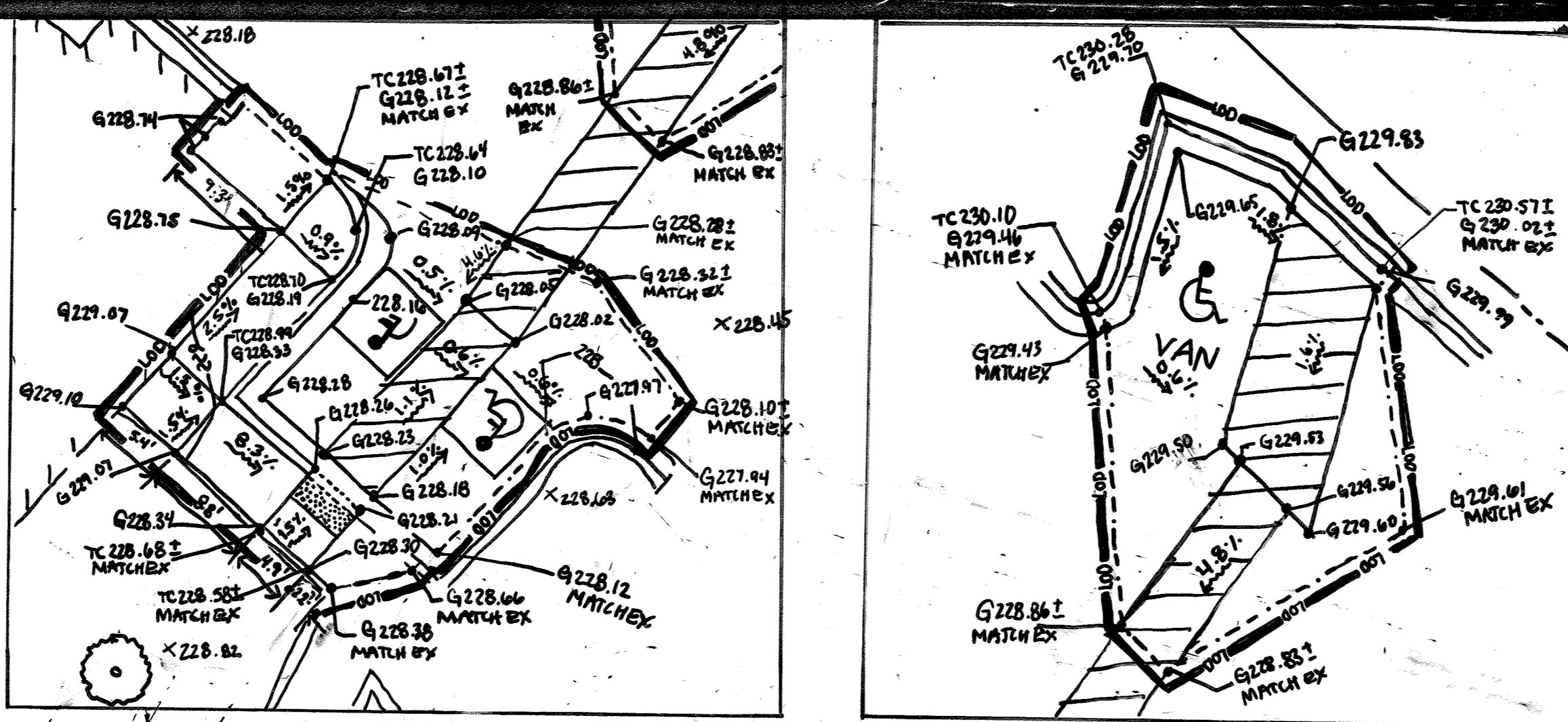
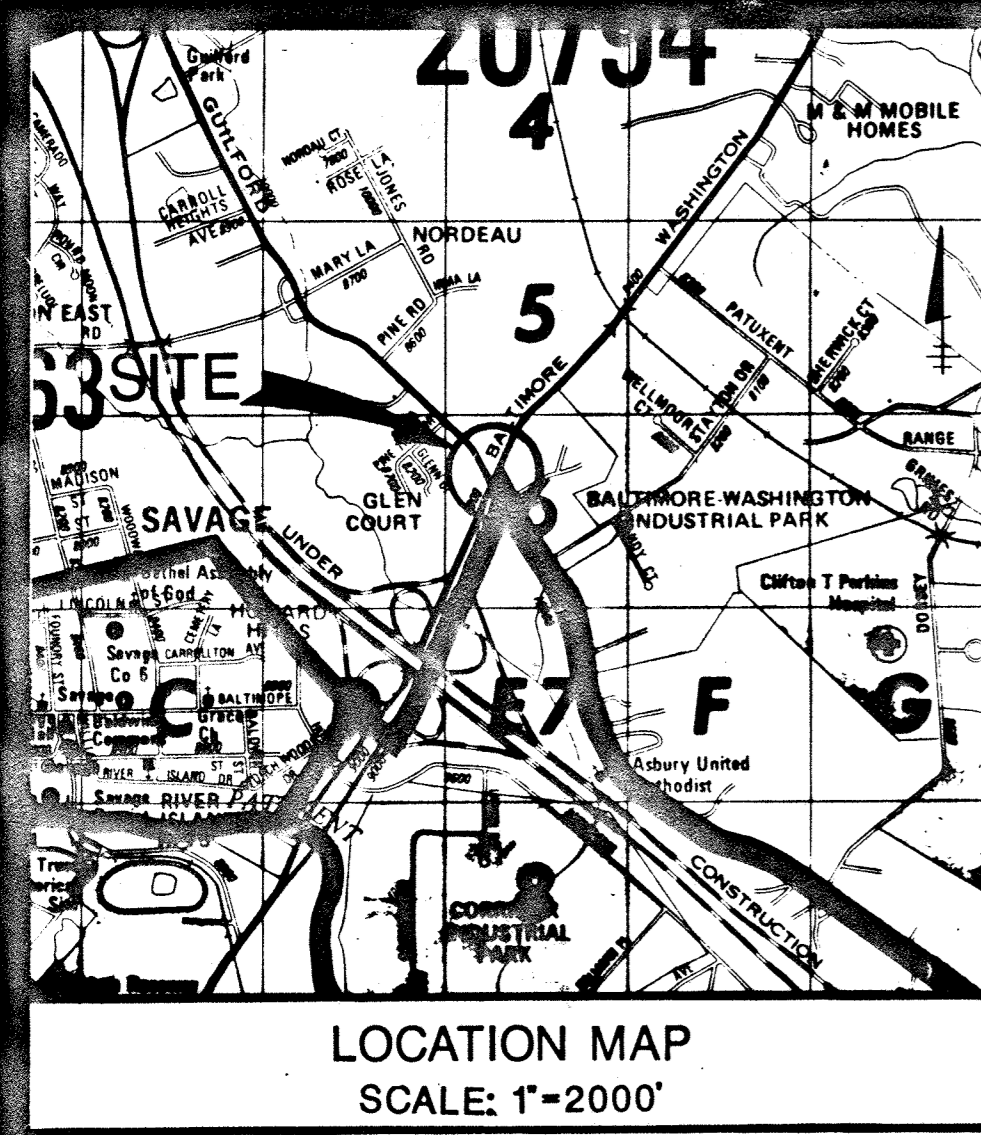
- SHEET INDEX**
- SP-1 SITE PLAN
  - SP-2 GRADING PLAN
  - SP-3 SEDIMENT & EROSION CONTROL PLAN
  - SP-4 SEDIMENT & EROSION CONTROL NOTES & DETAILS
  - SP-5 STORM DRAIN NOTES & DETAILS
  - SP-6 NOTES & DETAILS
  - SP-7 LANDSCAPE PLAN.

OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD 21043



**U.S. ROUTE NO.1 • BALTIMORE WASHINGTON BOULEVARD**  
 (100'R/W)  
 (PUBLIC ROAD)

**SDP-88-220**



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: [Signature] DATE: 5-11-89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: [Signature] DATE: 6.1.89  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE: 5/11/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC UTILITIES  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: [Signature] DATE: 5/16/89  
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 5-2-89

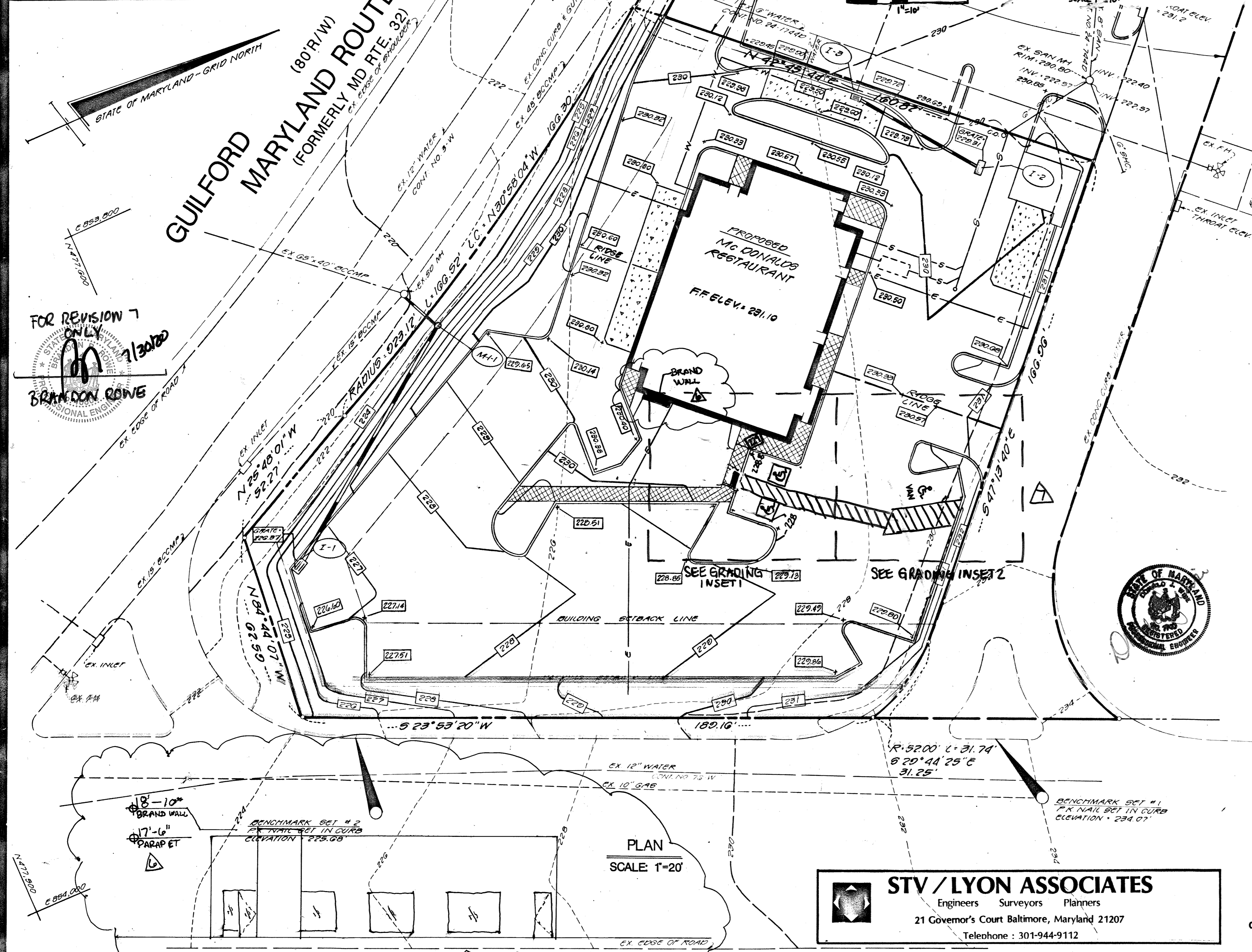
APPROVED DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE: 9-28-88

GENERAL NOTES:

- McDonald's Road Sign and Base are by the Sign Contractor. Conduit and Wiring are by the General Contractor.
- Bases, Anchor Bolts, Conduit, and Wiring for All Other Signs are by the General Contractor.
- 1/4" 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.
- Bases for Flagpoles are by the General Contractor. Anchor Bolts are by the Flagpole Supplier.
- Proposed Utilities are Shown in Schematic Only. Exact Locations shall be Field Determined to Allow for the Most Economical Installation.
- 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 Circuits.
- All Elevations Shown are in Reference to the Benchmark and must be Verified by the General Contractor At Groundbreak.
- Finish Walk and Curb Elevations shall be 6" Above Finish Pavement.
- 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.

PLAN APPROVALS:

Date:	
Signature: (2 required)	
Regional Mgr.	
Const. Mgr.	
Operations Dept.	
Real Estate Dept.	
Contractor	
Owner	



GENERAL NOTES:

- BEARINGS AND COORDINATES AS SHOWN HEREON ARE BASED ON HOWARD COUNTY GEODETIC CONTROL SURVEY AND ARE REFERENCED FROM THE FOLLOWING TRAVERSE STATIONS:  
 2043001: NORTH 479,285.113 EAST 855,408.070  
 2043002: NORTH 478,782.059 EAST 854,980.815
- UTILITIES AND OTHER OBSTRUCTIONS AS SHOWN HEREON HAVE BEEN LOCATED BY ACTUAL FIELD MEASUREMENTS SUPPLEMENTED BY INFORMATION OBTAINED FROM THE VARIOUS AGENCIES INVOLVED. HOWEVER, WE DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION AND MUST NOTIFY THE UTILITY COMPANIES INVOLVED PRIOR TO THE START OF CONSTRUCTION.
- LOCATION OF INDIVIDUAL ELECTRIC, TELEPHONE, GAS, WATER AND SANITARY SERVICE CONNECTIONS AS SHOWN HEREON ARE UNCERTAIN. THE LOCATION OF SAID CONNECTIONS HAS BEEN FIELD LOCATED WHERE POSSIBLE, BUT IN CASES WHERE IN LINES HAVE BEEN CONSTRUCTION AND PAVED OVER, THE CONNECTIONS SHOWN ARE BASED ON PROPOSED SITE PLANS OR AN ESTIMATION OF POSSIBLE LOCATION. SHOULD EXPLANATION BECOME NECESSARY FOR MAINTENANCE OR REPAIR OF THESE LINES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY DETERMINE THE LOCATION OF THESE LINES BEFORE COMMENCING WORK.
- EXISTING ELEVATIONS AS SHOWN HEREON ARE BASED ON GRADING AND "SEEDING CONTROL PLAN" PREPARED BY TRACY, SCHULTE & ASSOCIATES, INC. AND DATED 1/19/88. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
- DEVELOPER/CONTRACT PURCHASER: MCDONALD'S CORPORATION  
 3015 WILLIAMS DRIVE  
 FAIRFAX, VIRGINIA 22031
- OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21043
- ENGINEER: STV/LYON ASSOCIATES  
 21 GOVERNOR'S COURT  
 BALTIMORE, MARYLAND 21207
- DEED REFERENCE: P/O 1975/104  
 SCI LIMITED PARTNERSHIP
- TAX MAP NOS.: 47 & 48, P/O PARCEL 548
- SITE AREA: 43,688.52 S.F. OR 1.0030 AC ±
- ELECTION DISTRICT: 6
- ZONING: B-2 BUSINESS, GENERAL
- EXISTING USE: VACANT  
 PROPOSED USE: FAST FOOD RESTAURANT
- PROPOSED BUILDING AREA: 4,558 S.F.
- PARKING:  
 PARKING REQUIRED: 100 SEATS AT 1-SPACE/3 SEAT = 36  
 16 EMP. AT 1-SPACE/2 EMP. = 8  
 TOTAL = 44 SPACES  
 PARKING PROVIDED: 45 TOTAL (INCLUDES 2 HANDICAP AND 2 RESERVED)
- BUILDING COVERAGE: 18% - 5440 S.F. INCL. ROOF
- OPEN SPACE: 20% - 11,981 S.F.
- AREA OF PARKING LOTS: 0.9941 AC ±
- AREA OF LANDSCAPE ISLANDS WITHIN PARKING AREA: 0.0655 AC ± OR 2964 S.F. (11%)

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, 100% Will Be At The Expense Of McDonald's. Otherwise, G.C. Will Be Charged.

LOT LIGHTING RECOMMENDATION:  
 NEW 1000 WATT METAL HALIDE BY BEACON ILLUMINATION (18" POLE HEIGHT, 15" HEAD ANGLE)  
 NOTE: ALL LIGHTS ALONG PUBLIC ROAD R/W'S SHALL BE DIRECTED TOWARDS THE SITE AND BACK SHIELDED AS REQUIRED.  
 Note: Electrical Contractor To Circuit Lot Lighting As Noted.

PARKING INFORMATION:

Total Spaces:	8 Spaces 9' x 18' @ 90°
45	35 Spaces 9' x 18' @ 60°
	2 HANDICAP Spaces 8' x 18' @ 90°
	Spaces x @

UTILITY INFORMATION:

Sanitary Sewer	4" PVC AS SHOWN
Water	2" COPPER AS SHOWN
Storm Sewer	15" RCP AS SHOWN
Electric	
Gas	

PREPARED BY: STV/LYON ASSOCIATES  
 21 GOVERNOR'S COURT  
 BALTIMORE, MARYLAND 21207

LEGEND:

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

COLUMBIA JUNCTION  
 HOWARD COUNTY, MARYLAND  
 SECTION 2 AREA 1

TAX MAP: 47 & 48  
 PARCEL: F  
 ELECTION DISTRICT: 6th

**McDonald's**

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1986 McDonald's Corporation  
 MCD 14533

**STV/LYON ASSOCIATES**  
 Engineers Surveyors Planners  
 21 Governor's Court Baltimore, Maryland 21207  
 Telephone: 301-944-9112

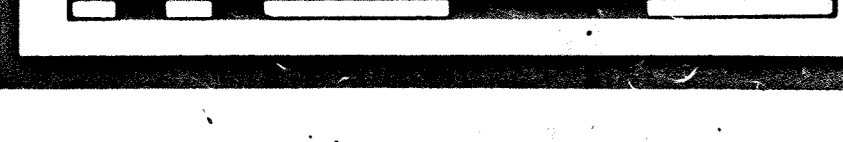
OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD 21043

NOTE:  
 PROPOSED SPOT ELEVATIONS AS SHOWN ARE AT BOTTOM OF CURB.

PLAN STATUS:

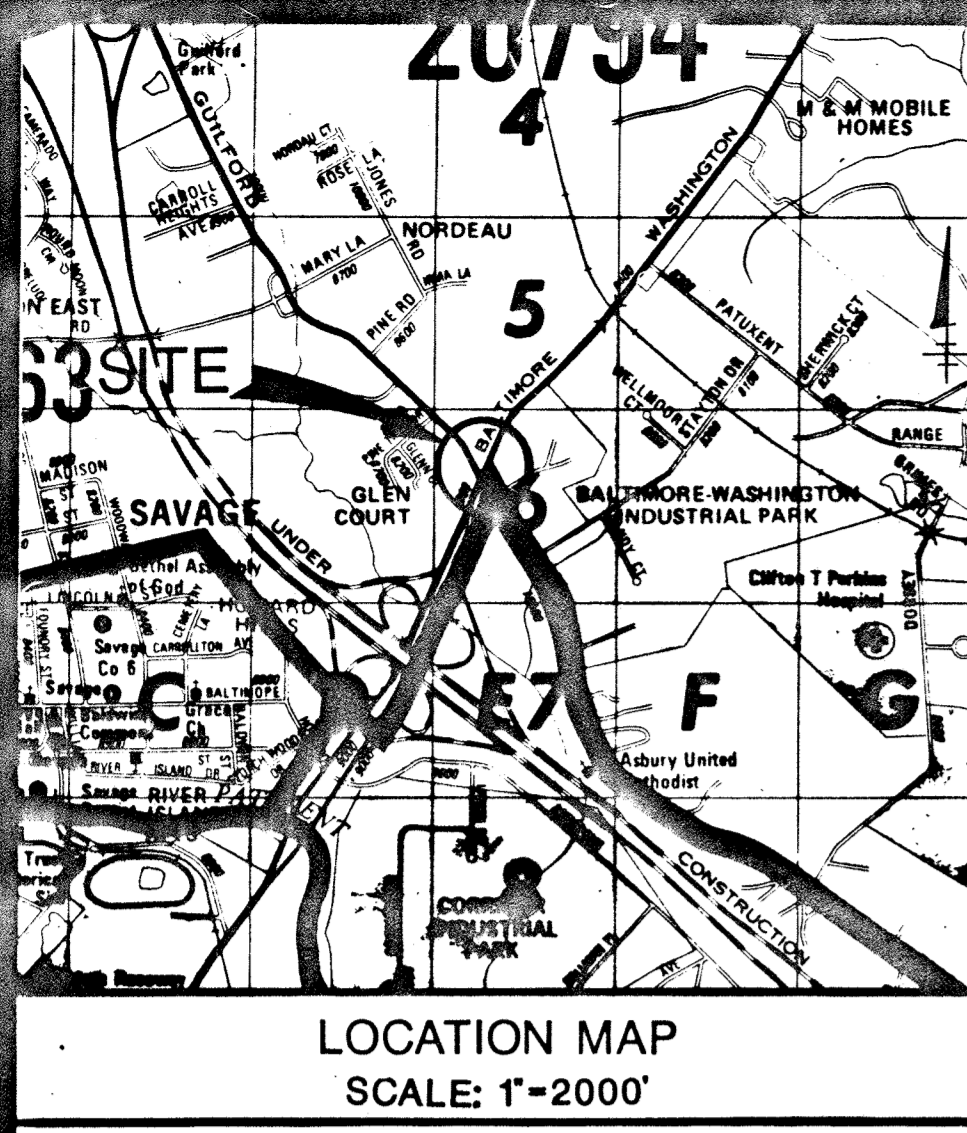
Date:	4/15	5/12/88	5/12/88	7/27/88	10/18/88
Description:	Preliminary Draw	Revisions	PER OWNER'S COMMENTS	ADD PARKING CALC'S, ADD GRADING	PER COUNTY COMMENTS
1					
2					
3					
4					

U.S. ROUTE NO.1 • BALTIMORE WASHINGTON BOULEVARD  
 (100' R/W)



GRADING PLAN

SP-2  
 2 of 8  
 SDP-88-220



**S.O.B.T. DATA**  
 DRAINAGE AREA - 0.003 AC OR 22335 S.F.  
 STORAGE REQUIRED - 1,620 C.F.  
 TOP DIMENSIONS - 19' x 77'  
 BOTTOM DIMENSIONS - 8' x 78'  
 DEPTH - 2.00'  
 OUTLET ELEVATION - 226.50  
 BOTTOM ELEVATION - 225.50  
 CLEAN-OUT ELEVATION - 224.50  
 EMBANKMENT ELEVATION 226.50  
 WEIR LENGTH - 0'

**GUILFORD MARYLAND ROUTE NO. 732**  
 (FORMERLY MD RTE. 32)  
 (80' R/W)

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER *[Signature]* DATE 5-11-89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR *[Signature]* DATE 6.1.89  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE 5/2/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR *[Signature]* DATE 5/8/89  
 CHIEF BUREAU OF ENGINEERING *[Signature]* DATE 5-8-89

APPROVED  
 DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE 9-28-88  
*[Signature]*

FOR REVISION 6 ONLY  
*[Signature]*  
 BRANDON ROWE

**LEGEND**

---	EXISTING CONTOUR
---.00	EXISTING SPOT ELEVATION
---	PROPOSED CONTOUR
---.00	PROPOSED SPOT ELEVATION
---	SILT FENCE
---	STABILIZED CONSTRUCTION ENTRANCE
---	EARTH DIKE
---	LIMITS OF DISTURBANCE
---	SEDIMENT TRAP
---	DRAINAGE AREA

- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT.
  - NOTIFY HOWARD COUNTY OFFICE OF INSPECTIONS & PERMITS 24-HOURS PRIOR TO THE START OF ANY CONSTRUCTION.
  - CLEAR & GRUB FOR INSTALLATION OF PERIMETER SEDIMENT CONTROL MEASURES.
  - INSTALL PERIMETER SEDIMENT CONTROL DEVICES. INSTALL STONE OUTLET SEDIMENT TRAP.
  - ROUGH GRADE SITE.
  - CONSTRUCT BUILDING AND UTILITIES, INCLUDING STORM DRAIN.
  - CONVERT STONE OUTLET SEDIMENT TRAP TO STORM DRAIN INLET SEDIMENT TRAP UTILIZING INLET NO. 1.
  - CONSTRUCT CURBING, PAVING & WALKS.
  - FINE GRADE AND PERMANENTLY STABILIZE LANDSCAPE AREAS.
  - WITH APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR REMOVE SEDIMENT CONTROL DEVICES.
  - PERMANENTLY STABILIZE ANY REMAINING DISTURBED AREAS.

OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD 21043

**STV / LYON ASSOCIATES**  
 Engineers Surveyors Planners  
 21 Governor's Court Baltimore, Maryland 21207  
 Telephone : 301-944-9112

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  - Bases, Anchor Bolts, Conduit, and Wiring for All Other Signs are by the General Contractor.
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**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	35 Spaces 9' x 18' @ 90°
45	2 HANDICAP Spaces 8' x 18' @ 90°
	Spaces x @

**UTILITY INFORMATION:**  
 Size: Type: Location:

Sanitary Sewer	
Water	
Storm Sewer	
Electric	
Gas	

**SURVEY INFORMATION:**  
 Prepared By: STV/LYON ASSOCIATES  
 21 GOVERNORS COURT  
 BALTIMORE, MARYLAND 21207  
 Dated:

**LEGEND:**

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

PLAN SCALE: 1" = 20'

COLUMBIA JUNCTION  
 HOWARD COUNTY, MARYLAND  
 SECTION 2 AREA 1

TAX MAP	PARCEL	ELECTION DISTRICT
47 & 48	F	6th

SEDIMENT & EROSION CONTROL PLAN

**PLAN APPROVALS:**

Date:	
Signature: (2 required)	
Regional Mgr.	
Const. Mgr.	
Operations Dept.	
Real Estate Dept.	
CO-SIGN SIGNATURES:	
Contractor	
Owner	

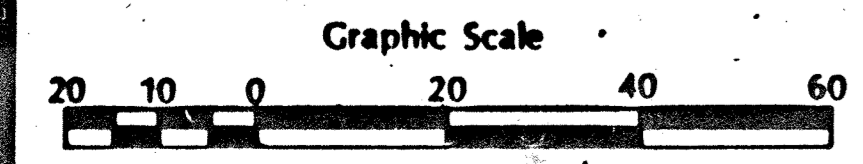
**McDonald's**  
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 MCD 1453

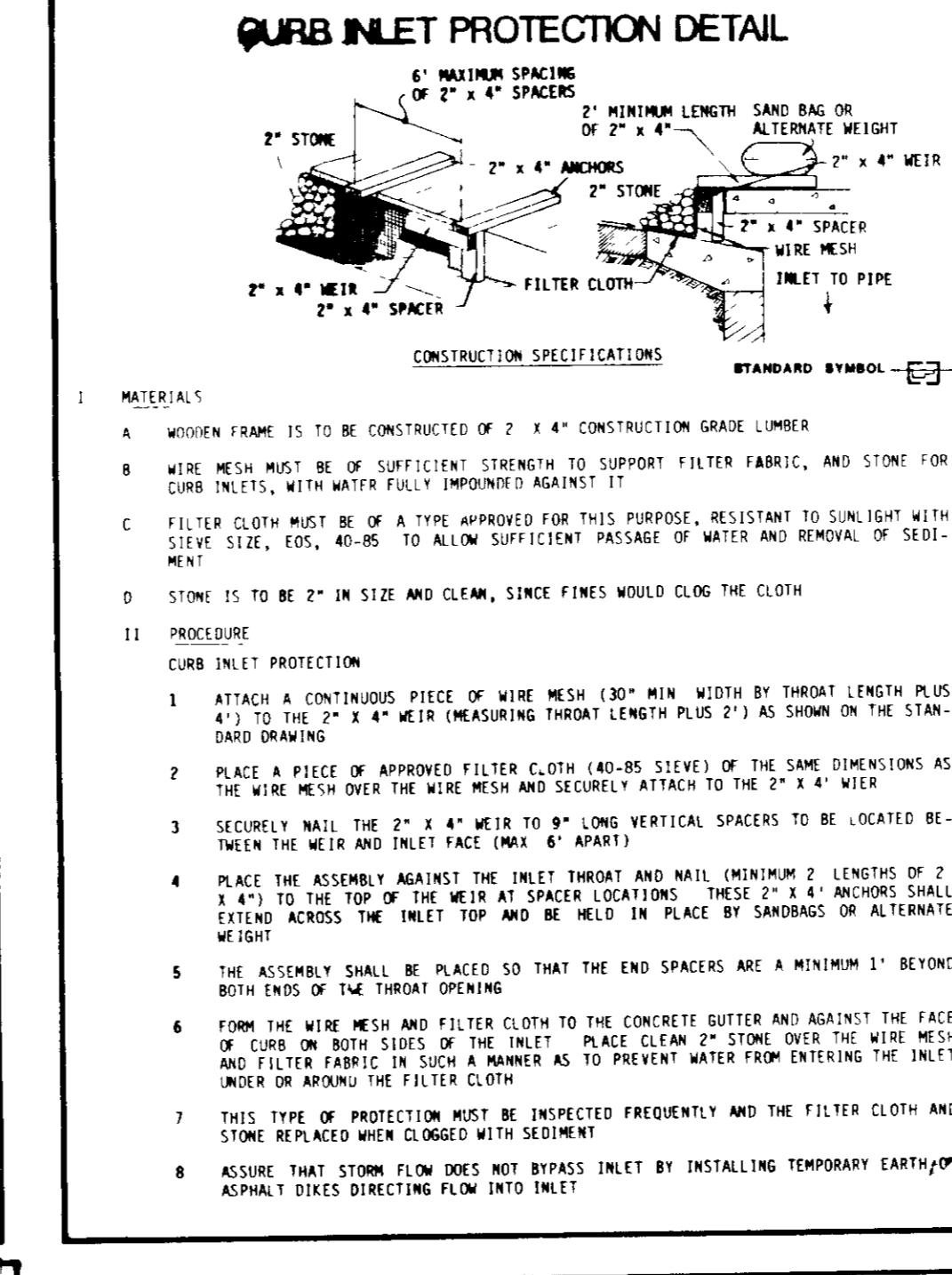
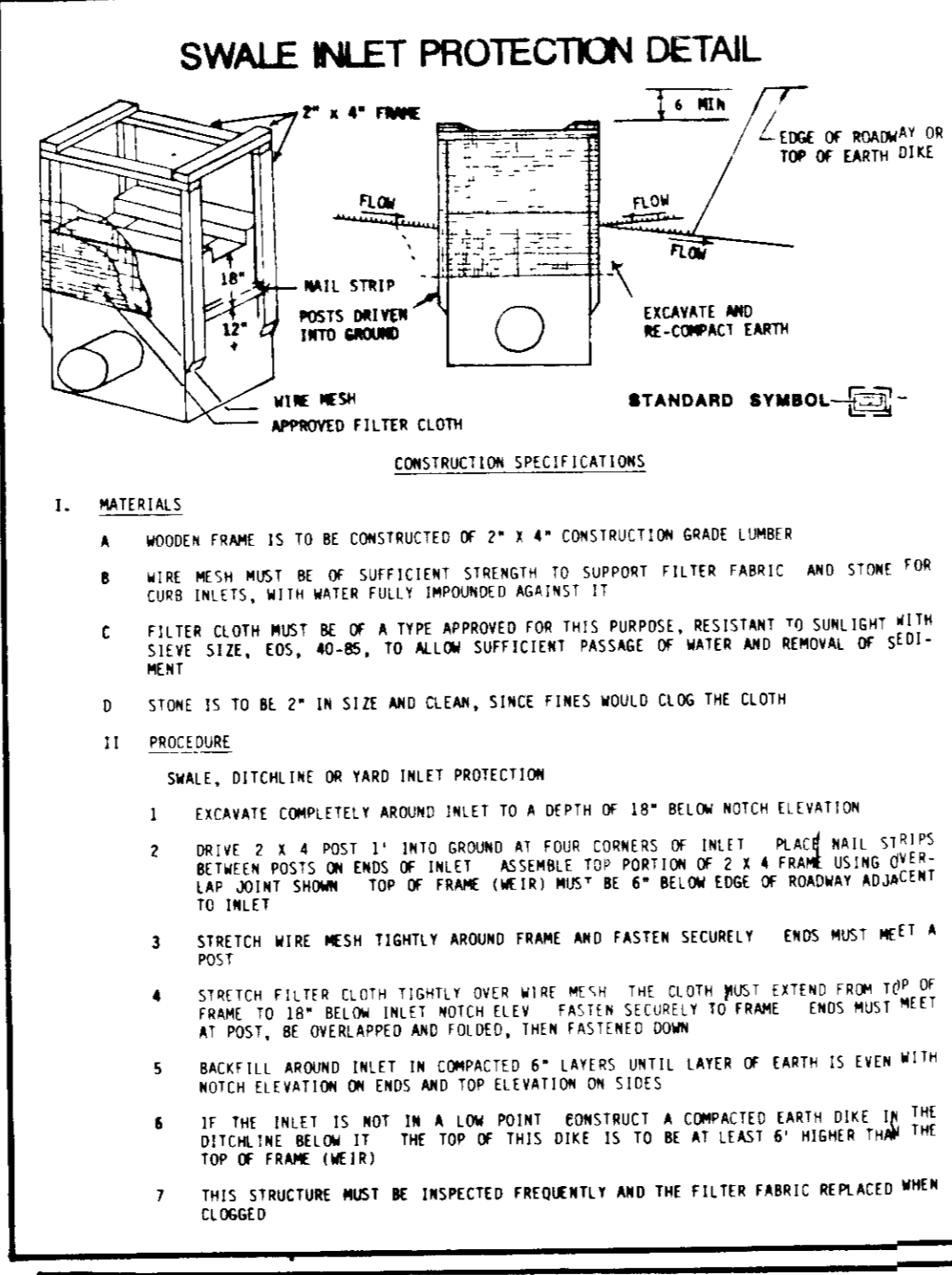
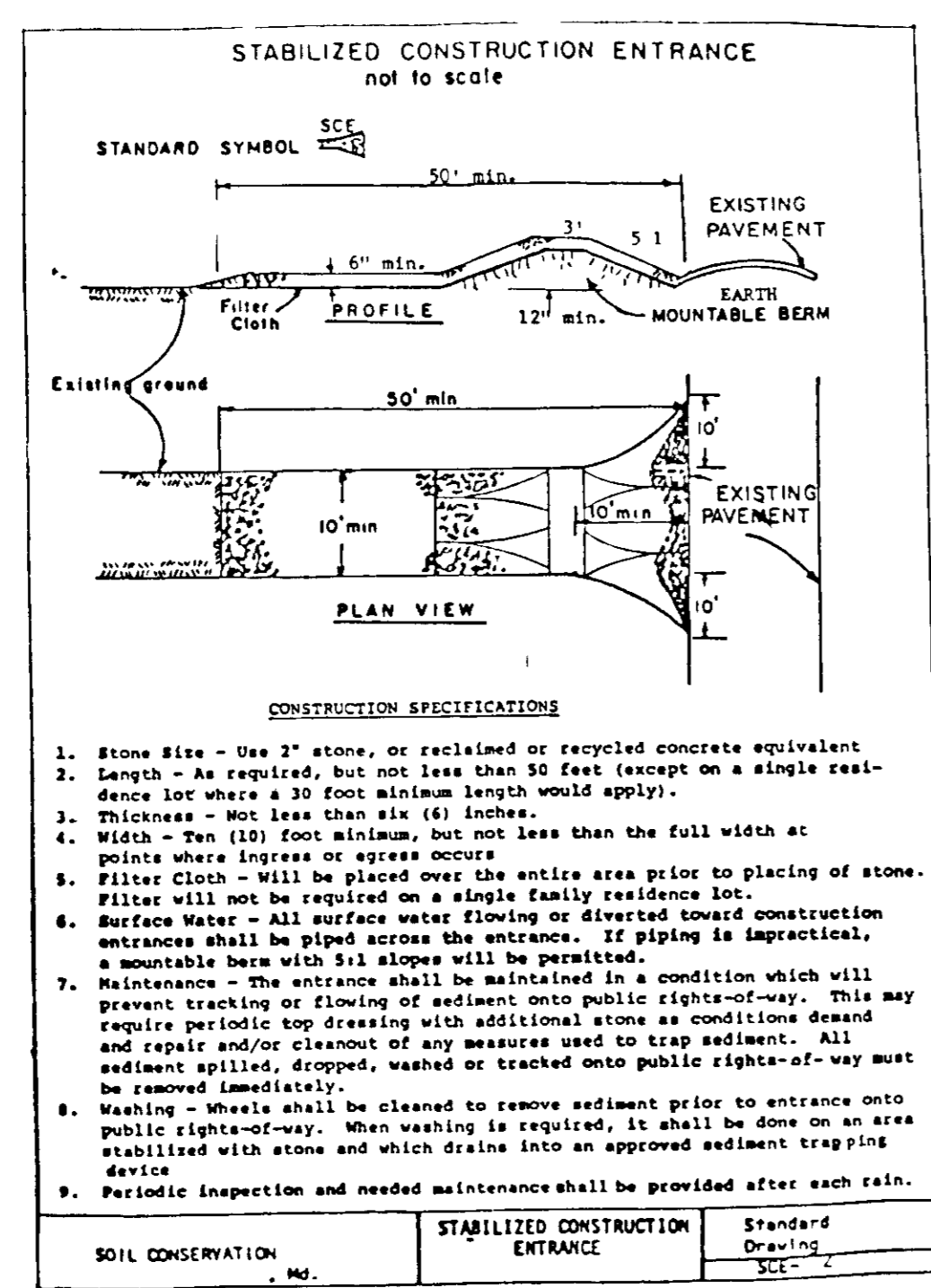
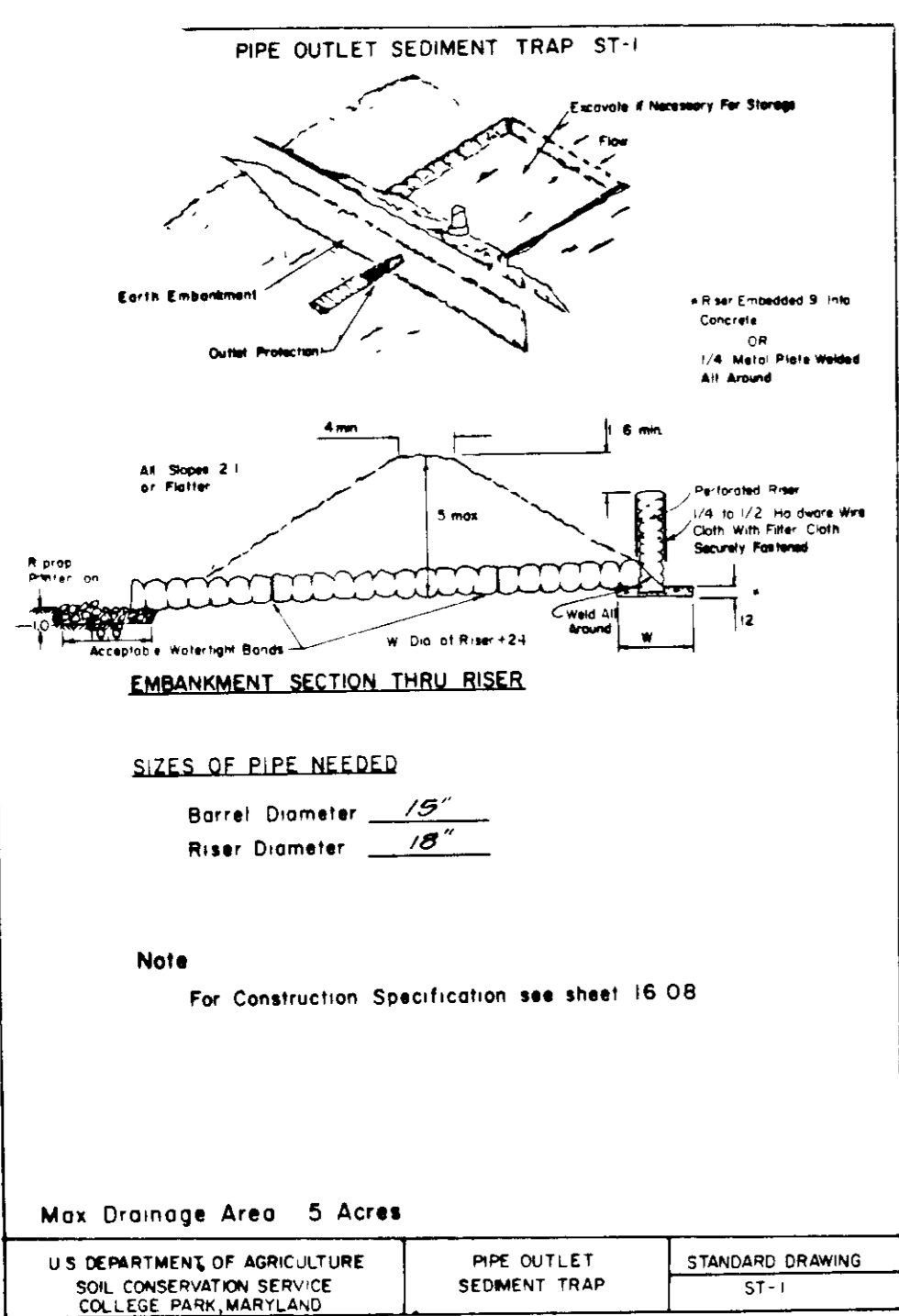
**PLAN STATUS:**

Date:	4/15	TLB	7/10/20	TLB
By:	5	PER COUNTY COMMENTS	5/1/89	TLB
Description	Preliminary Drawn	Revisions	1 PER OWNERS COMMENTS	5/18/89
			2 ADD GRADING	6/18/89
			3 PER COUNTY COMMENTS	7/27/88
			4 PER COUNTY COMMENTS	10/18/88

REGIONAL DWG. NO.: L/C 19-304  
 CORPORATE DWG. NO.: STV JOB NO: 7989-87  
**SP-3**  
 SDP-88-220

U.S. ROUTE NO.1 • BALTIMORE WASHINGTON BOULEVARD  
 (100' R/W)





APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *James M. [Signature]* DATE: 5-11-89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 6-1-89  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: *[Signature]* DATE: 5/10/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 3/13/89  
 CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 3-28-89

9-28-88

PLAN APPROVAL BLOCK

By the Developer:  
 "I/We certify that all development and construction will be done according to this plan, and that any 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."  
 Signature of Developer: *Gene Harris* DATE: 3/6/89  
 Signature of Engineer: *[Signature]* DATE: 3/6/89

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.

2. The fill material for the embankment shall be free of roots or other woody vegetation as well as oversized stones, rocks, organic material, or other objectionable material. The embankment shall be compacted by tamping with equipment while it is being constructed.

3. Volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage.

4. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.

5. The structure shall be inspected after each rain and repairs made as needed.

6. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.

7. The structure shall be removed and area stabilized when the drainage area has been properly stabilized.

8. All fill slopes shall be 3:1 or flatter, cut slopes 1:1 or flatter.

9. All pipe connections shall be watertight.

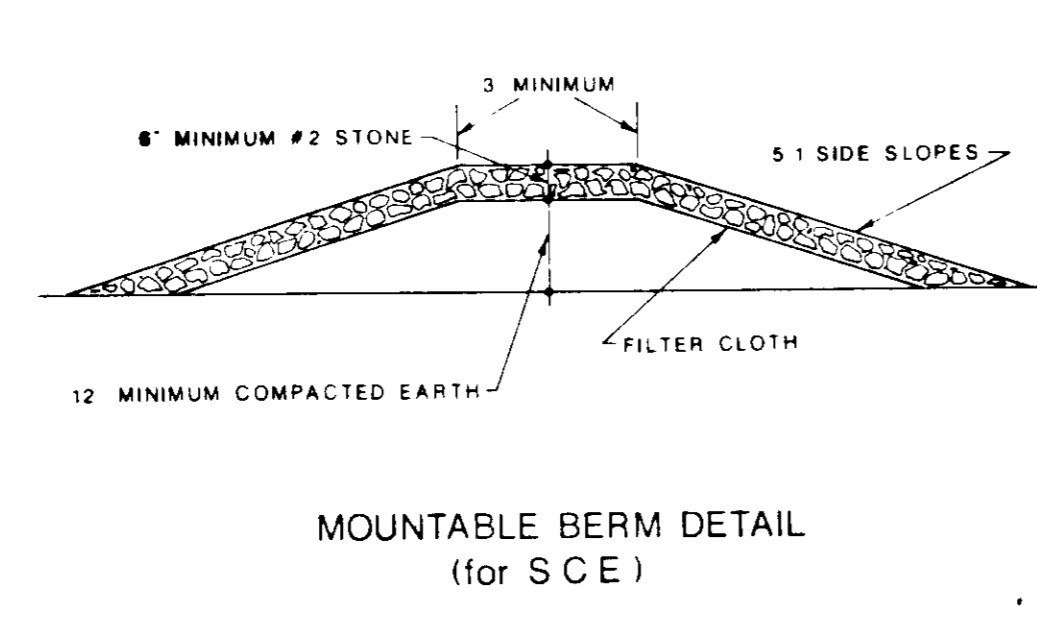
10. The top 2/3 of the riser shall be perforated with one (1) inch diameter holes or size spaced 6 inches vertically and horizontally and placed in the concrete portion of pipe. No holes will be allowed within staff(6) inches of the horizontal barrel.

11. The riser shall be wrapped with 1/4 to 1/2 inch hardware cloth wire then wrapped with filter cloth (having an equivalent weave size of 40 - 60). The filter cloth shall extend six (6) inches above the highest hole and six (6) inches below the lowest hole. Where ends of filter cloth come together, they shall be overlapped, folded and stapled to prevent bypass.

12. Riprap or concrete bands shall be used to hold the filter cloth and wire fabric in place. They shall be placed at the top and bottom of the riser.

13. Fill material around the pipe spillway shall be hand compacted in four (4) inch layers. A minimum of two (2) feet of hand-compacted backfill shall be placed over the pipe spillway before connecting it with construction equipment.

14. The riser shall be anchored with either a concrete base or steel plate base to prevent flotation. For concrete base the depth shall be 12 inches with the riser embedded nine (9) inches. A 1/4 inch minimum thickness steel plate shall be attached to the riser by a continuous weld around the bottom to form a watertight connection and then place two (2) feet of stone, gravel, or compact earth on the plate.



1. A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction (992-2437).

2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

3. Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within a 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1. b) 14 days as to all other disturbed or graded areas on the project site.

4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.

5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 56), temporary seedings (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.

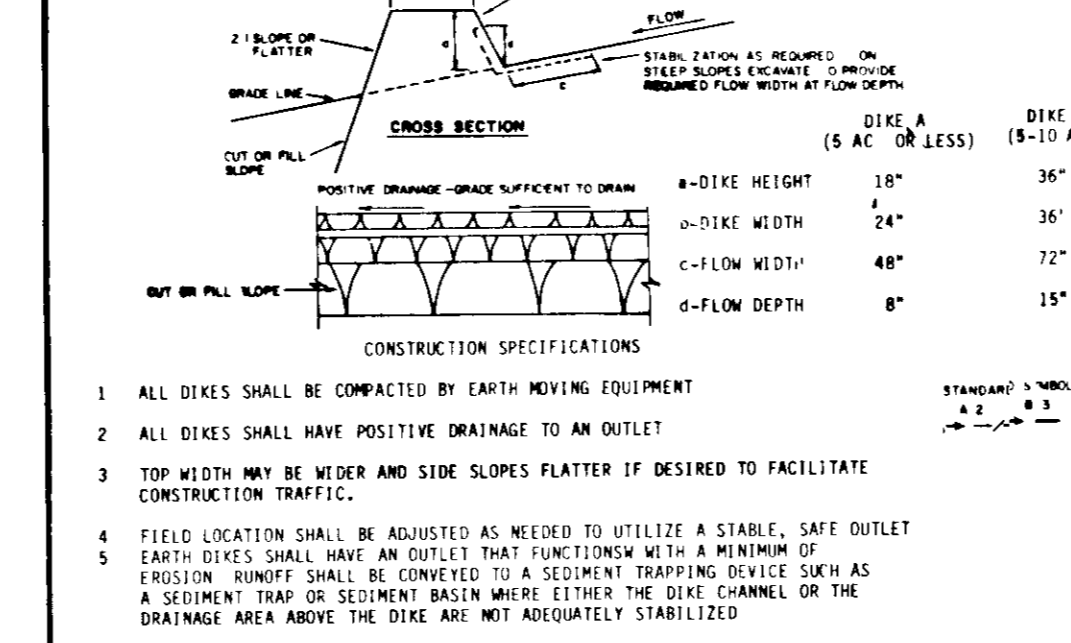
6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.

7) Site Analysis  
 Total Area of Site: 1000 Acres  
 Area Disturbed: 1000 Acres  
 Area to be seeded or paved: 6.681 Acres  
 Area to be vegetatively stabilized: 0.192 Acres  
 Total Cut: 2 Cu Yds  
 Total Fill: 2020 Cu Yds  
 Offsite waste/borrow area location: BY CONTRACTOR

8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.

10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.



1. ALL DIKES SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.

2. ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.

3. TOP WIDTH MAY BE WIDER AND SIDE SLOPES FLATTER IF DESIRED TO FACILITATE CONSTRUCTION TRAFFIC.

4. FIELD LOCATION SHALL BE ADJUSTED AS NEEDED TO UTILIZE A STABLE, SAFE OUTLET.

5. EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN ABOVE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.

6. STABILIZATION SHALL BE (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SPECIFICATIONS, (B) FLOW CHANNEL AS PER THE TABLE BELOW.

TYPE OF CHANNEL	SEED	DIKE A	SEED AND STRAW MULCH	DIKE B
TREATMENT	GRADE	DIKE A	DIKE B	DIKE B
1	0.5-3.0	SEED AND STRAW MULCH	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-9.0	SEED AND STRAW MULCH	SEED USING JUTE OR ERLENDOUR, 500 2" STONE	SEED USING JUTE OR ERLENDOUR, 500 2" STONE
3	9.1-6.0	SEED WITH JUTE OR LIMED RIP-RAP 4-8" 500 2" STONE		
4	8.1-20	LIMED RIP-RAP 4-8" ENGINEERING DESIGN		

A. STONE TO BE 2" STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3" IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.

B. RIP-RAP TO BE 4-8" IN A LAYER AT LEAST 8" THICKNESS AND PRESSED INTO THE SOIL.

C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.

7. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH MAJOR EVENT.

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

Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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 urea-form 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 1/2 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 (0.5 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, seed as possible in the spring. Option (1) 2 tons per acre of well anchored straw mulch and seed as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

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

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

TEMPORARY SEEDING NOTES  
 Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

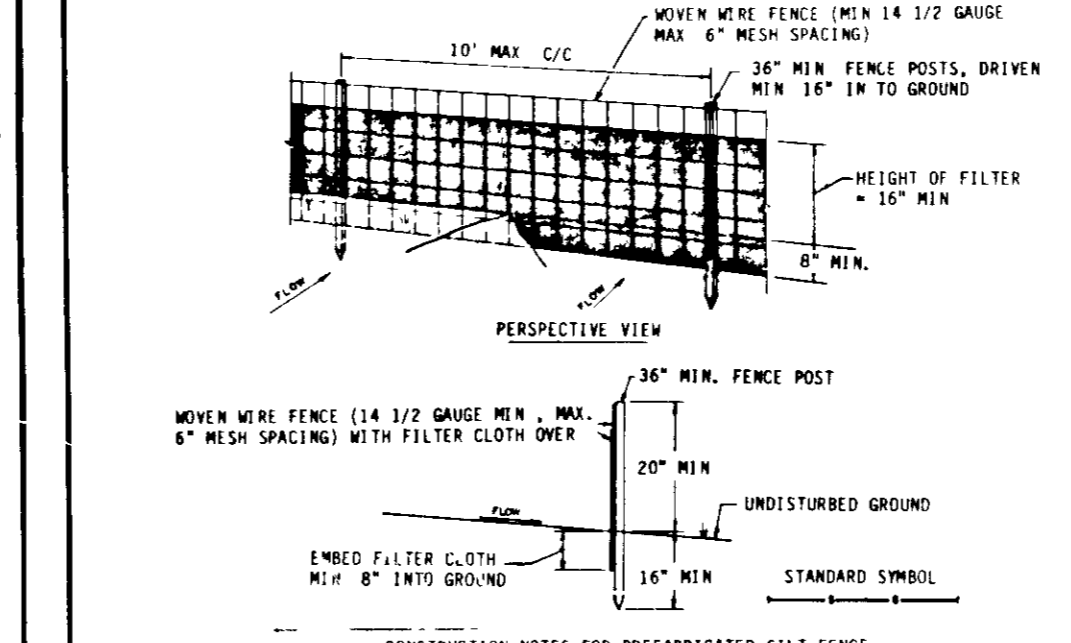
Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushels 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 (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 sod.

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

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



1. MOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.

2. FILTER CLOTH TO BE FASTENED SECURELY TO 24" AT TOP AND INTERSECTION.

3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.

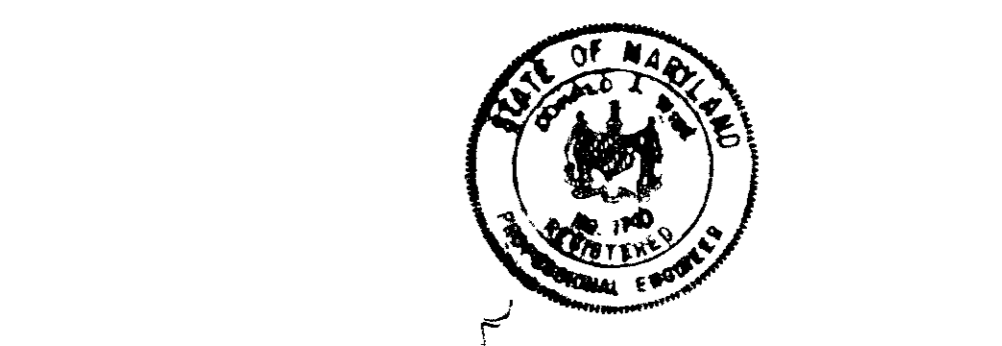
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REPLENISHED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HOLLOWWOOD. FENCE: MOVEN WIRE 14 1/2 GA. FILTER CLOTH: FILTER 1, MIFARE 100A, STABIL-LINER, TEGON, OR APPROVED EQUAL. PREFABRICATED UNIT: GEORAF, EMERGENCY, OR APPROVED EQUAL.

OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT QTY, MD 21043

**STV / LYON ASSOCIATES**  
 Engineers Surveyors Planners  
 21 Governor's Court Baltimore, Maryland 21207  
 Telephone 301-944-9112

COLUMBIA JUNCTION HOWARD COUNTY, MARYLAND SECTION 2 AREA 1		
TAX MAP	PARCEL	ELECTION DISTRICT
47 & 48	F	6th



SEDIMENT & EROSION CONTROL NOTES & DETAILS

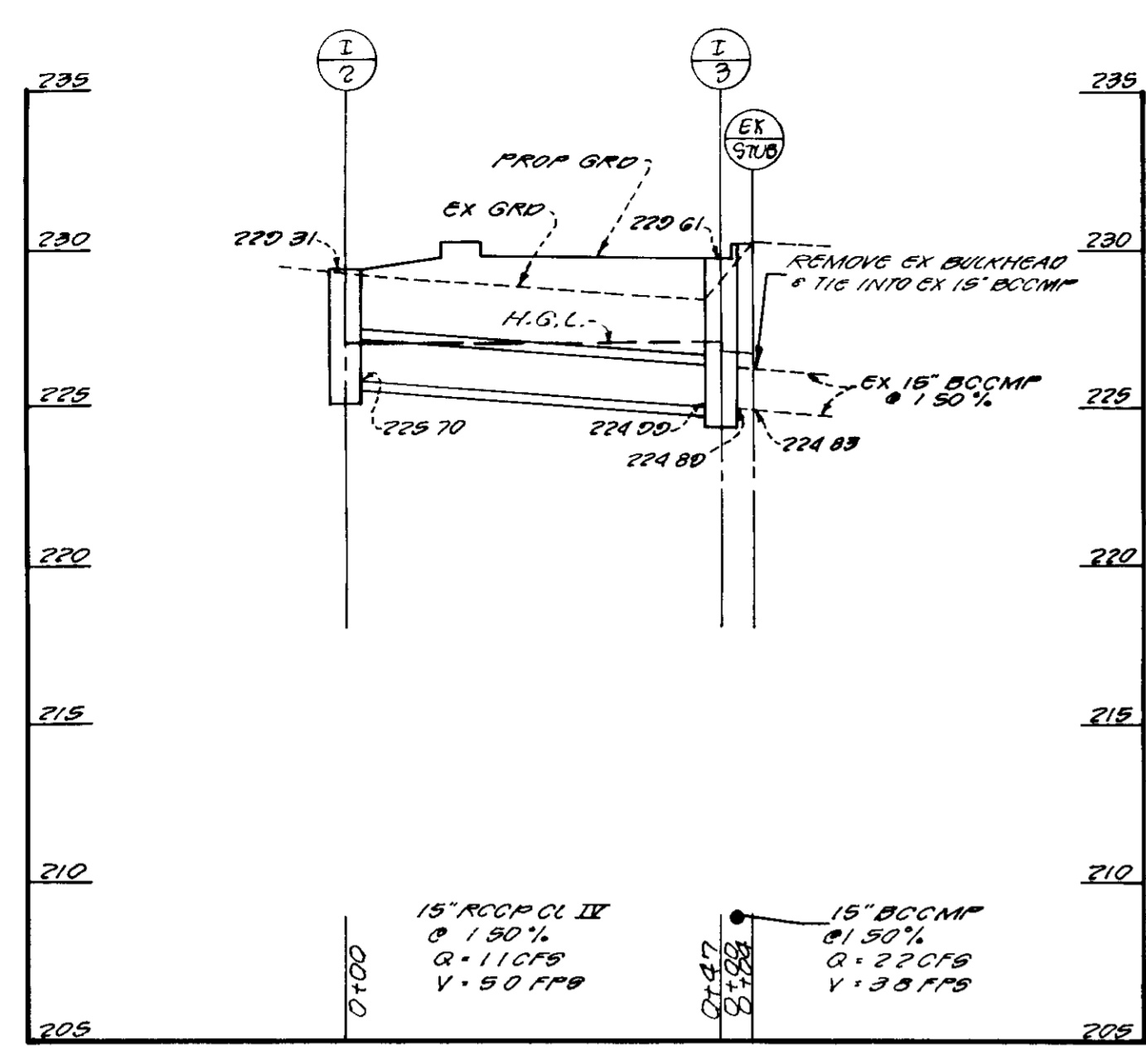
McDonald's Corporation  
 McDonald's Plaza  
 Oak Brook, Illinois 60521

STV JOB NO: 7989-67

**SP-4**

SDP-88-220

4 of 8



STRUCTURE SCHEDULE				
NO.	TYPE	Q	INV. OUT	TOP ELEV
I-1	8' COMBINATION	3.0	221.10	229.37
I-2	STANDARD 8'	1.1	225.70	229.31
I-3	8' COMBINATION	1.0	224.80	229.61
MH-1	PRECAST MANHOLE	3.0	217.80	224.00

STORM DRAINAGE FLOW TABULATION																
LOCATION	From	To	AREA	ACRES		COEFF.	CA	ICA	TIME CONC. - MIN.			INTEN	Q - C.F.A.	PIPE n =	REMARKS	
				Sub.	Total				Inlet	Drain	Total					#1*
I-1	MH-1	I	0.571		0.571	0.85	0.40		5.00	0.15	9.00	8.04	3.86	15"	100'	0.91'
MH-1	EX MH				0.571			0.48			8.15	7.99	3.84	15"	300'	8.0'
I-2	I-3	II	0.158		0.158	0.87	0.14		5.00	0.10	9.00	8.04	1.13	15"	190'	5.0'
I-3	EX STUB	III	0.158	0.313	0.313	0.85	0.19	0.27	5.00		8.19	7.99	2.16			

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT COUNTY HEALTH OFFICER *[Signature]* DATE 5-11-89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING *[Signature]* DATE 5-11-89

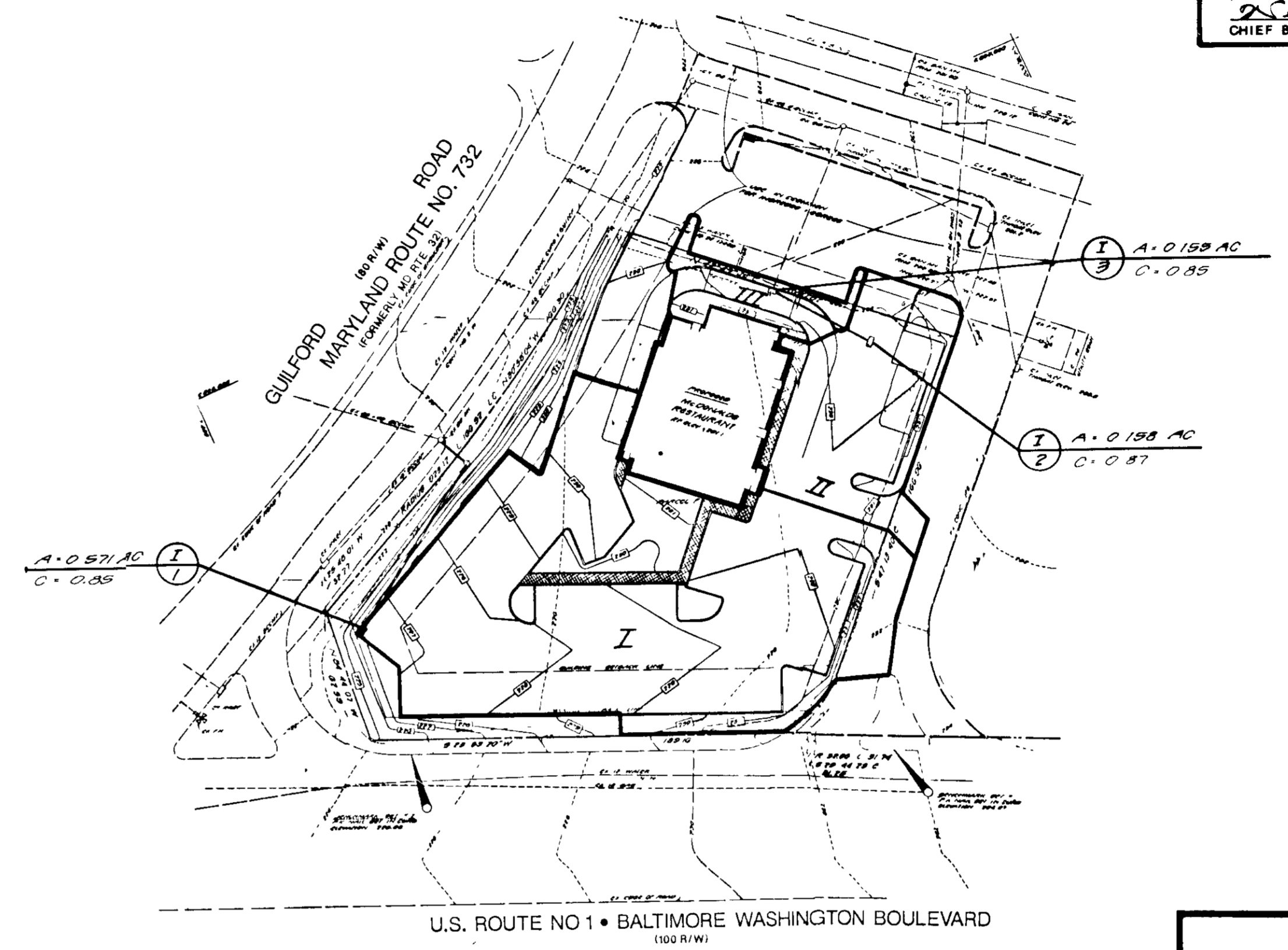
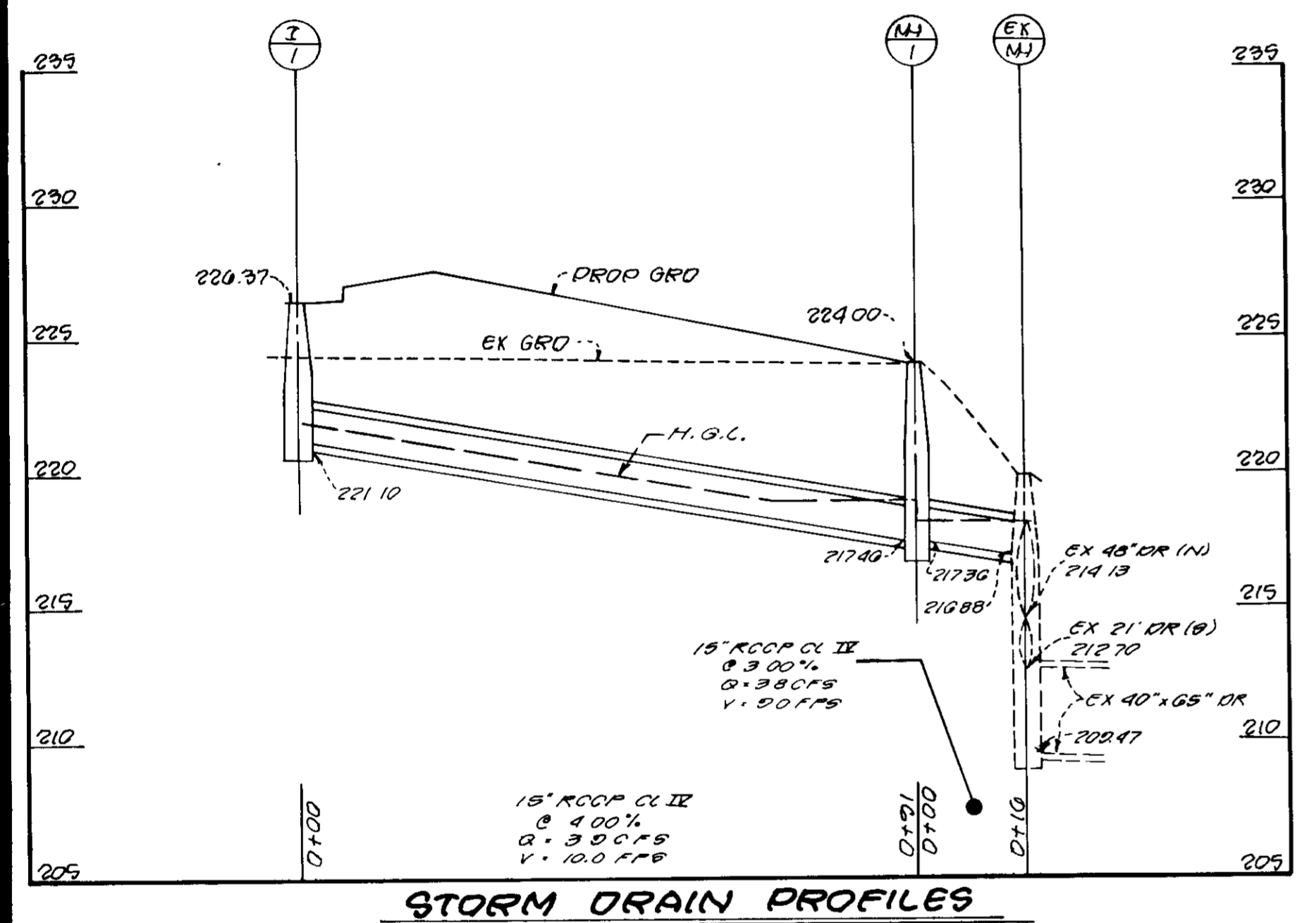
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS *[Signature]* DATE 5-11-89

DIRECTOR *[Signature]* DATE 5-11-89

CHIEF BUREAU OF ENGINEERING *[Signature]* DATE 5-11-89

Revisions		No		Date		By	
1		1	4/15	TLB			
2		2	10/18	TLB			

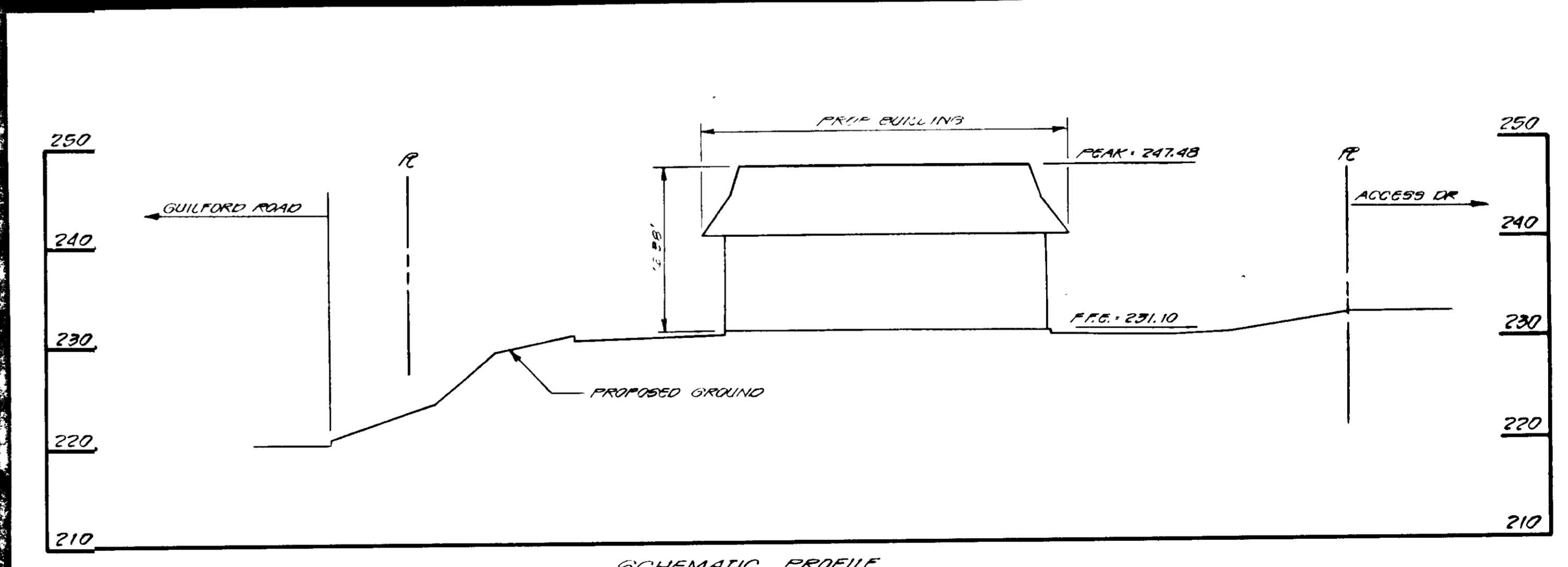
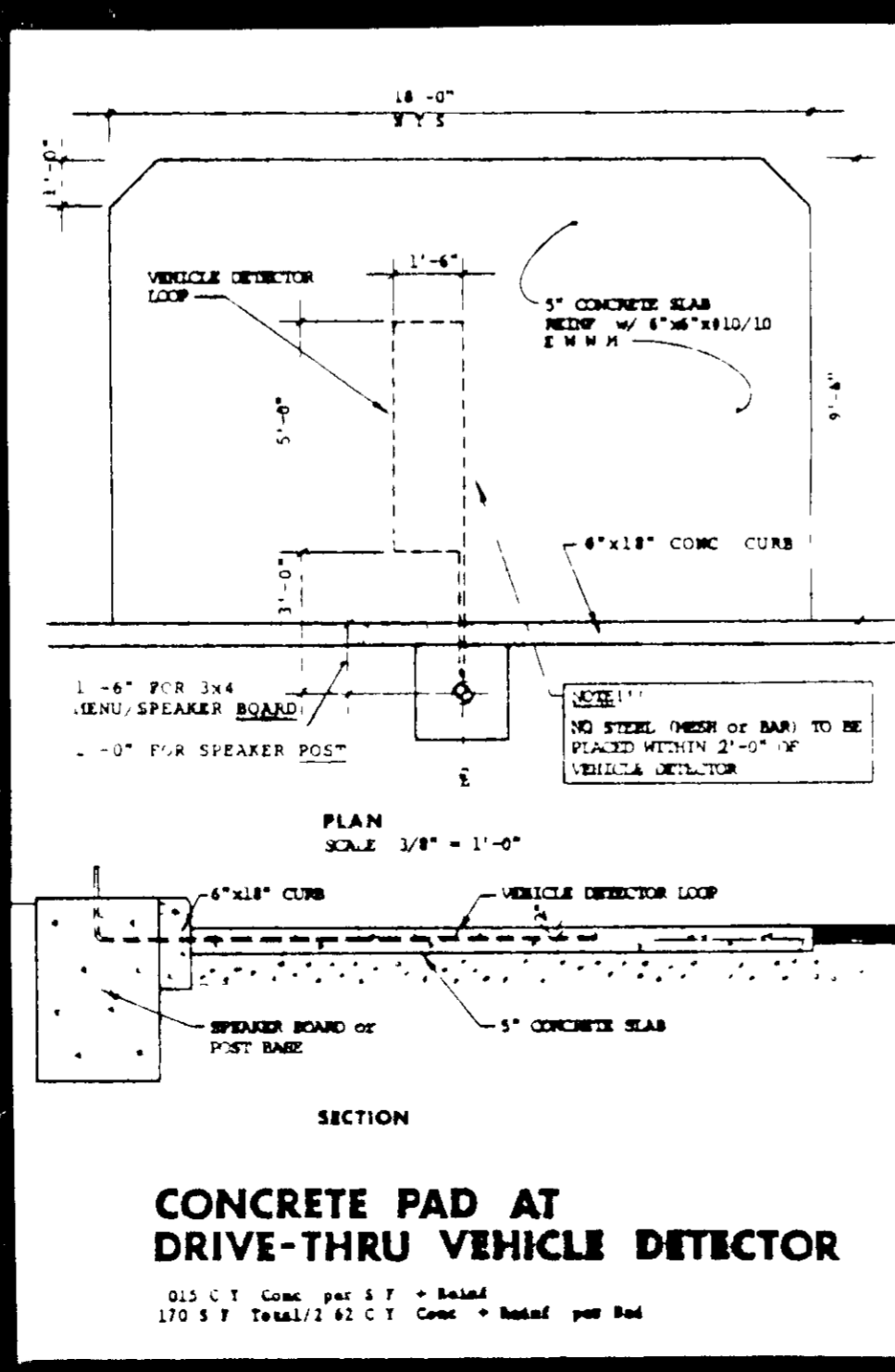
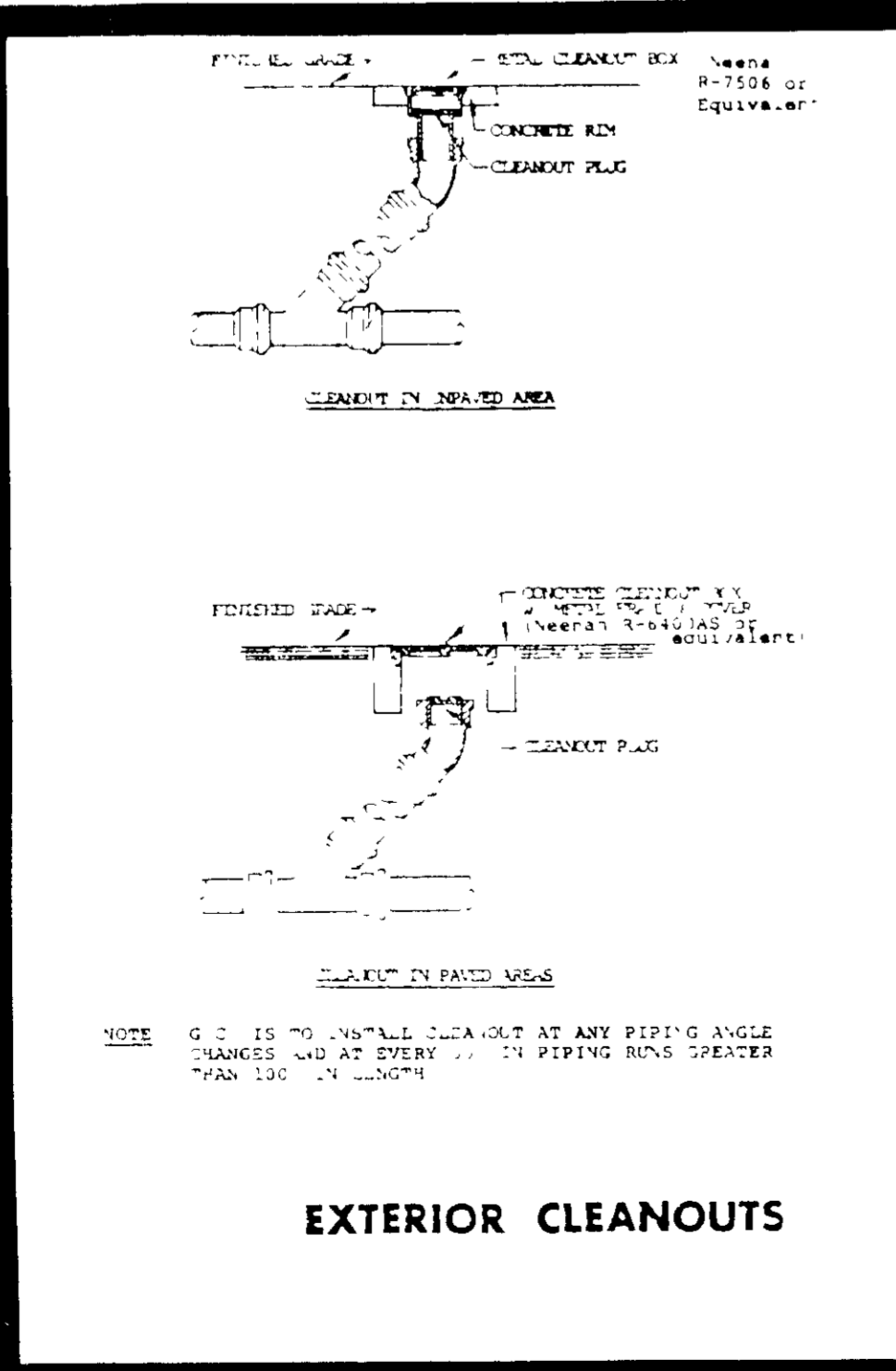
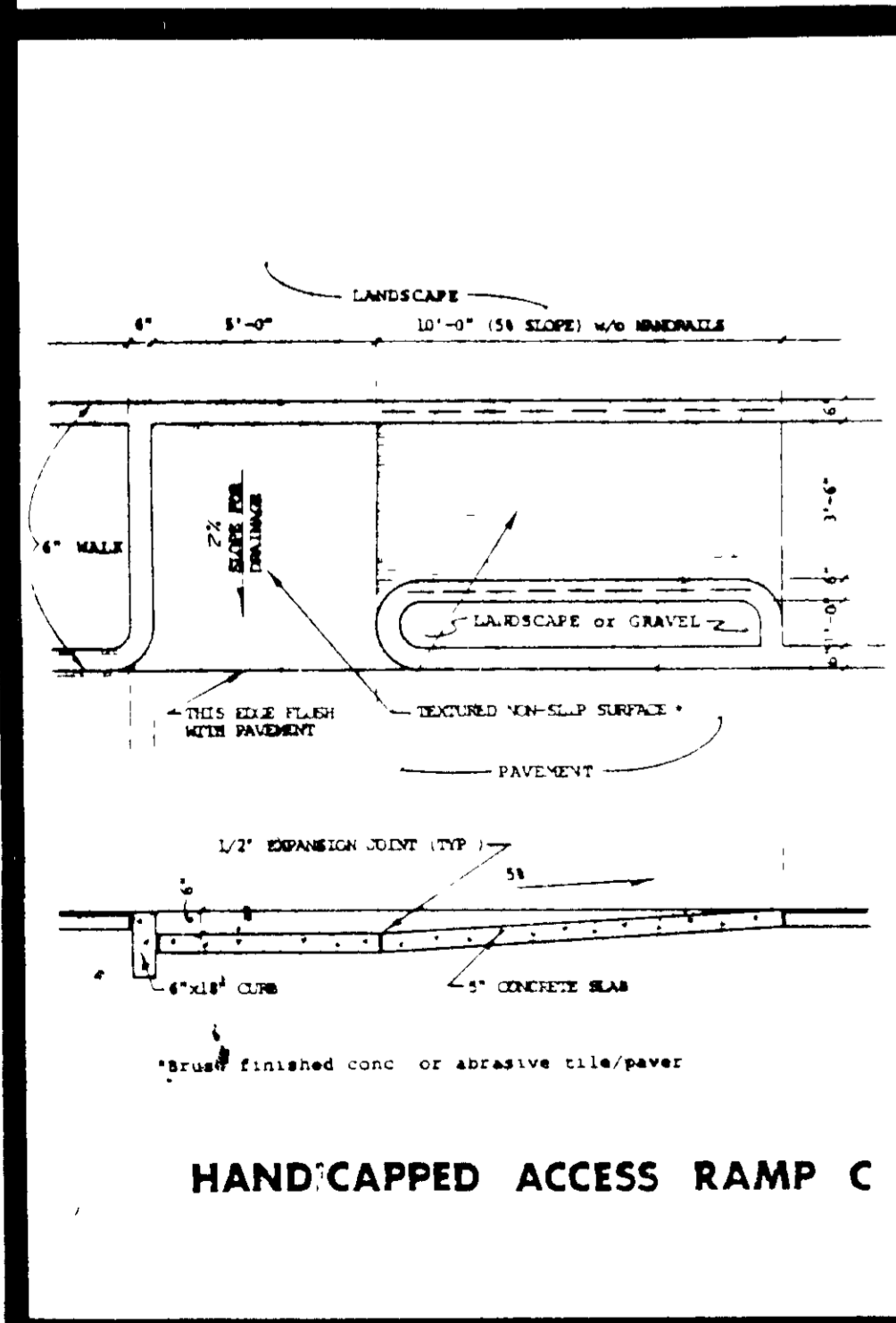
Architect: D. E. Miller, Corporation  
 McDonald's Corporation  
 McDonald's Plaza  
 Oak Brook, Illinois 60521  
 Date Drawn: 4-15-89  
 Drawn By: J. L. NIELSEN  
 Checked By: J. L. NIELSEN  
 Job No.:



COLUMBIA JUNCTION  
 HOWARD COUNTY, MARYLAND  
 SECTION 2 AREA 1

TAX MAP	PARCEL	ELECTION DISTRICT
47 & 48	F	6th

OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD 21043



STV / LYON ASSOCIATES  
 Engineers Surveyors Planners  
 21 Governor's Court Baltimore, Maryland 21207  
 Telephone 301-944-9112

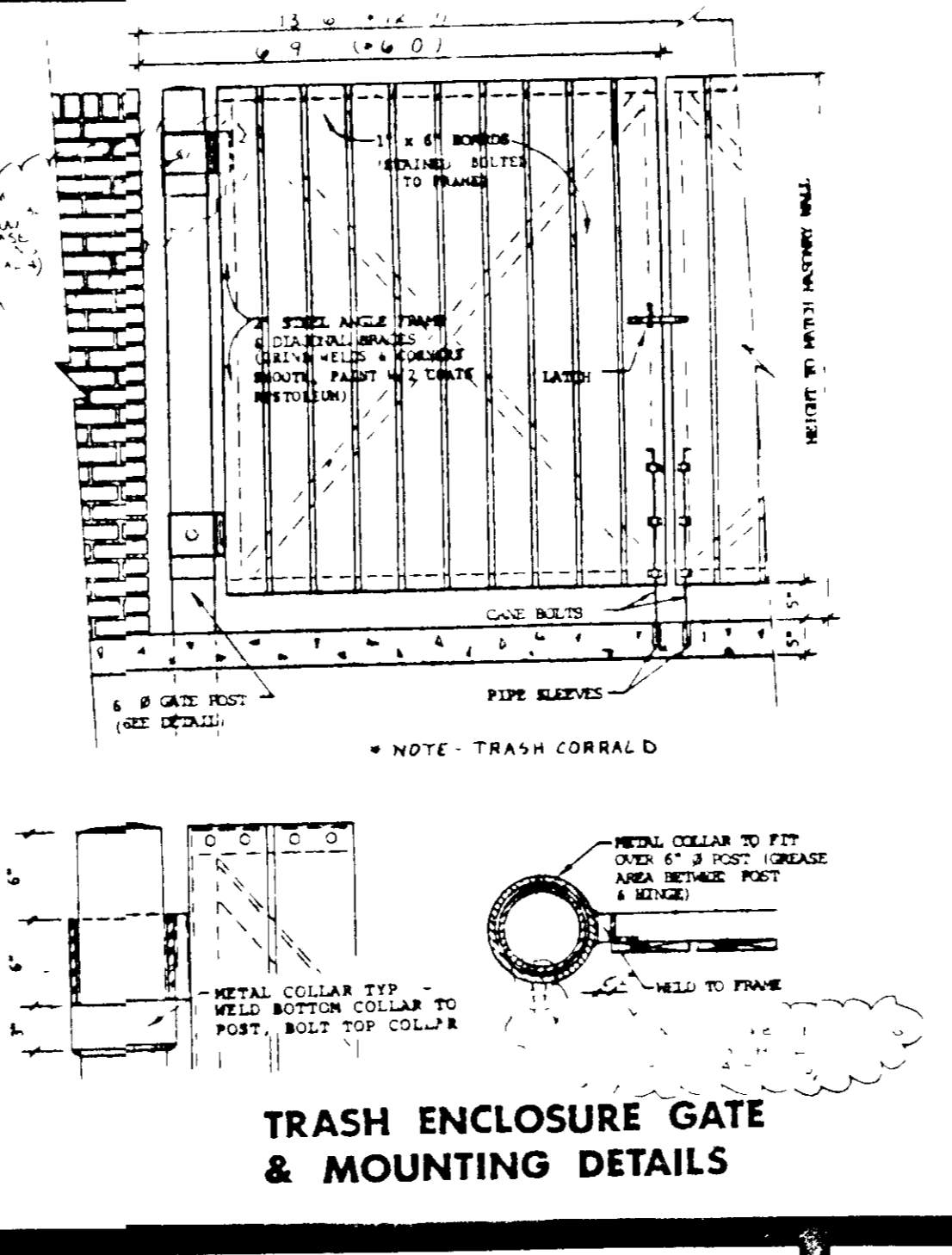
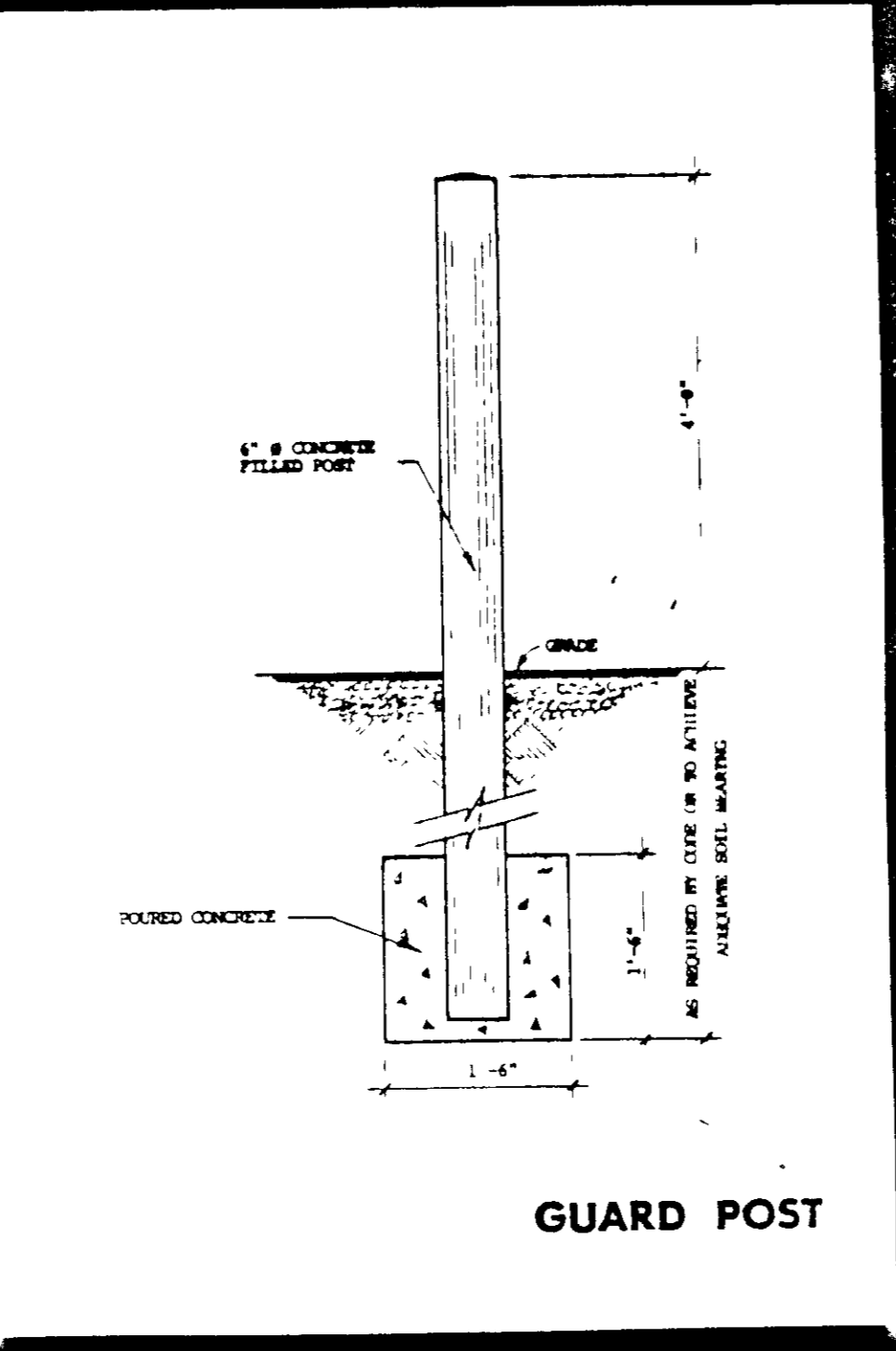
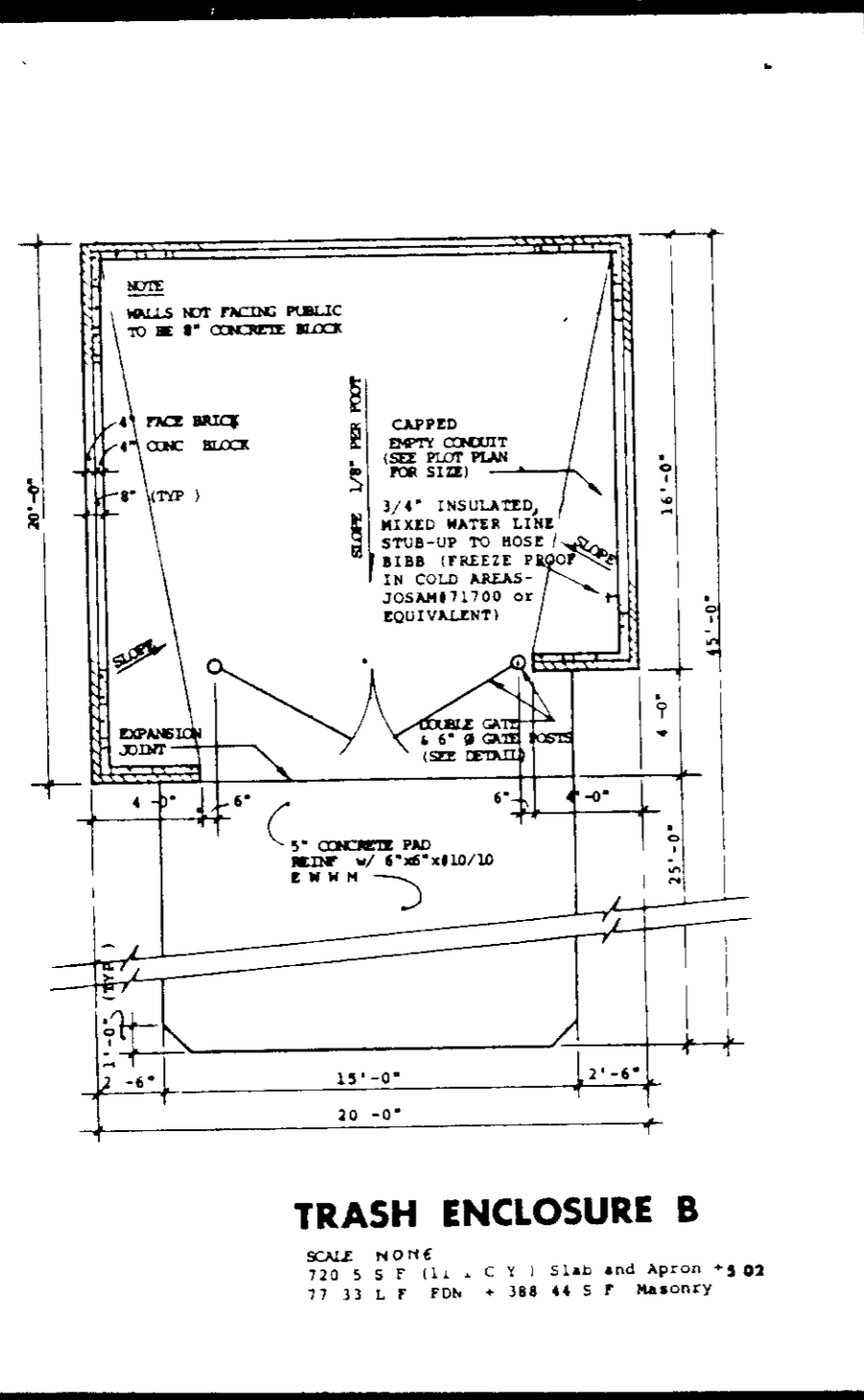
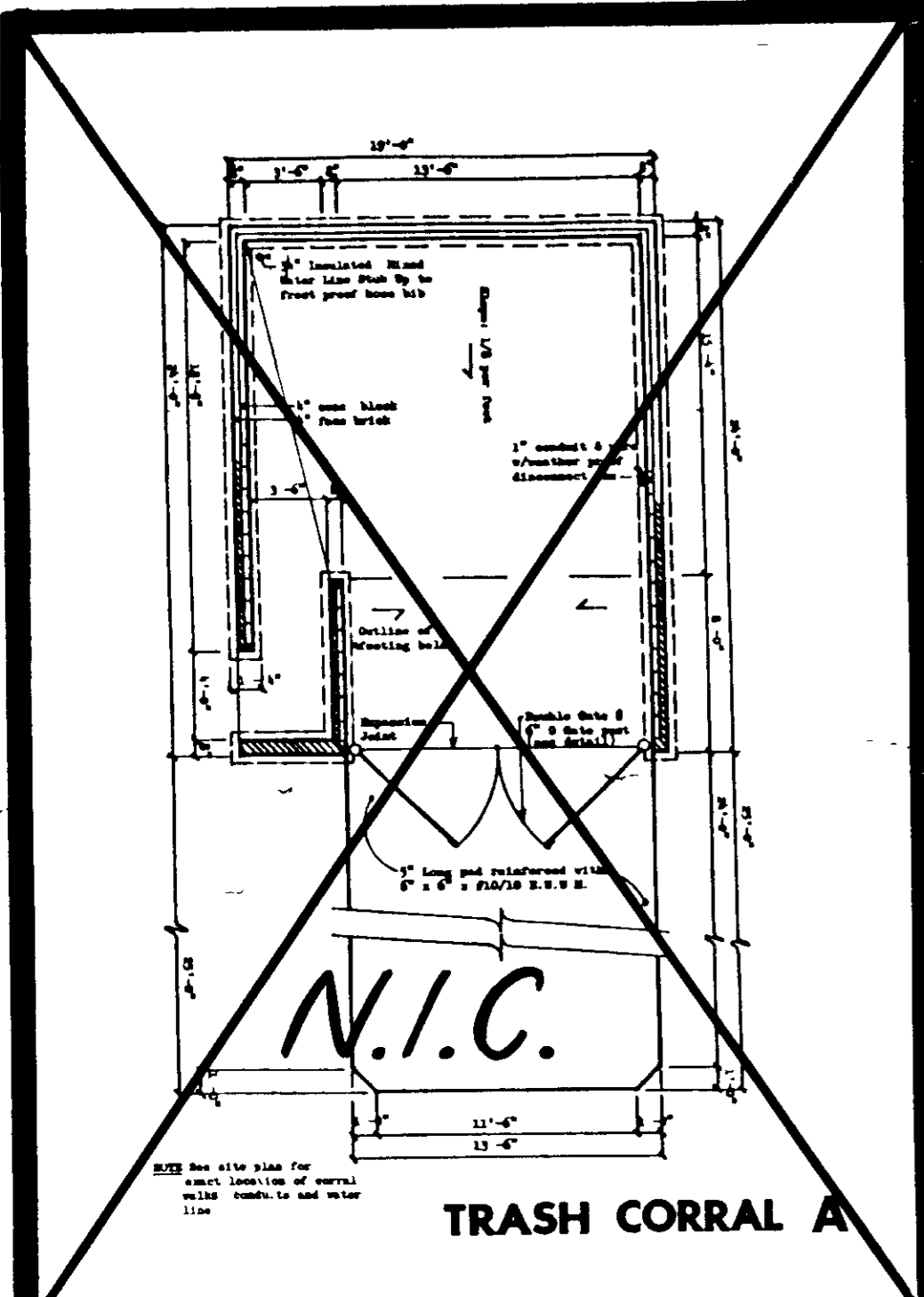
STORM DRAIN NOTES & DETAILS

# McDonald's

Drawn For:  
 McDonald's Corporation  
 McDonald's Plaza  
 Oak Brook, Illinois 60521  
 C. W. Broadbent  
 Vice Pres Of Architecture  
 And Construction

STV JOB NO: 7989-67

SP-5  
 DETAILS



OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD 21043

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: [Signature] DATE: 5-11-89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: [Signature] DATE: 6.1.89  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: [Signature] DATE: 5/11/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC WORKS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: [Signature] DATE: 5-18-89  
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE:

**STV / LYON ASSOCIATES**  
 Engineers Surveyors Planners  
 21 Governor's Court Baltimore, Maryland 21207  
 Telephone 301-944-9112

**COLUMBIA JUNCTION**  
 HOWARD COUNTY, MARYLAND  
 SECTION 2 AREA 1

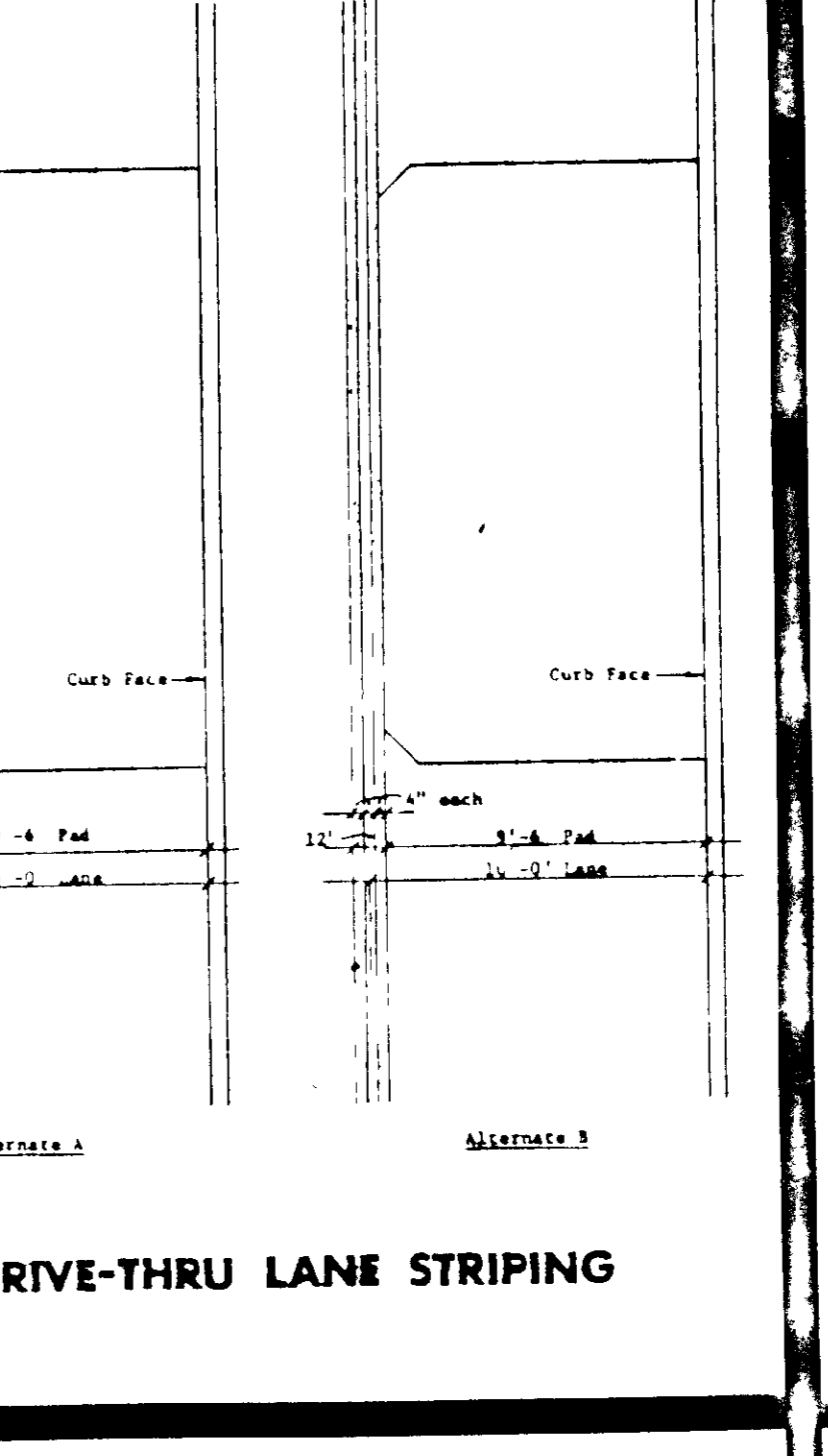
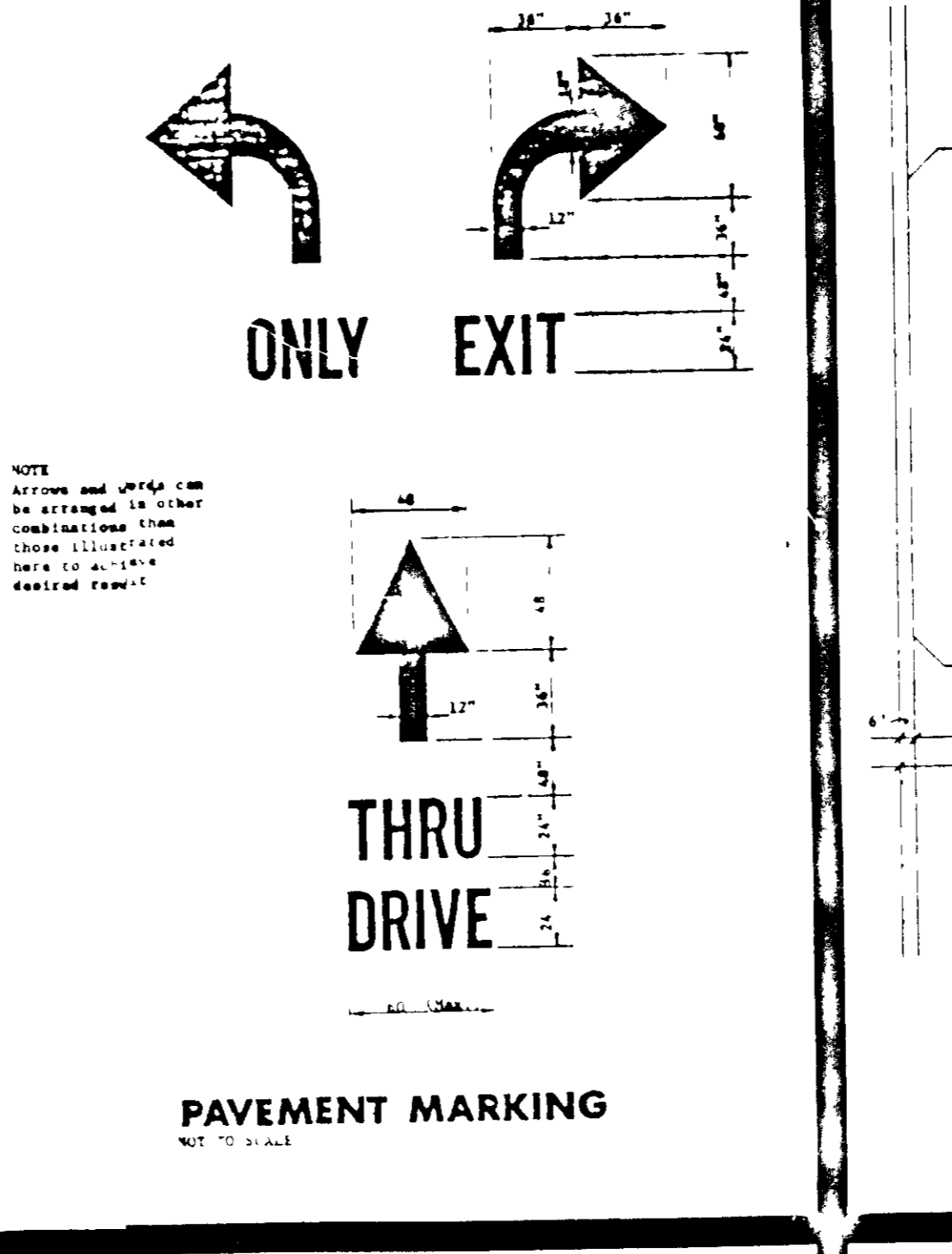
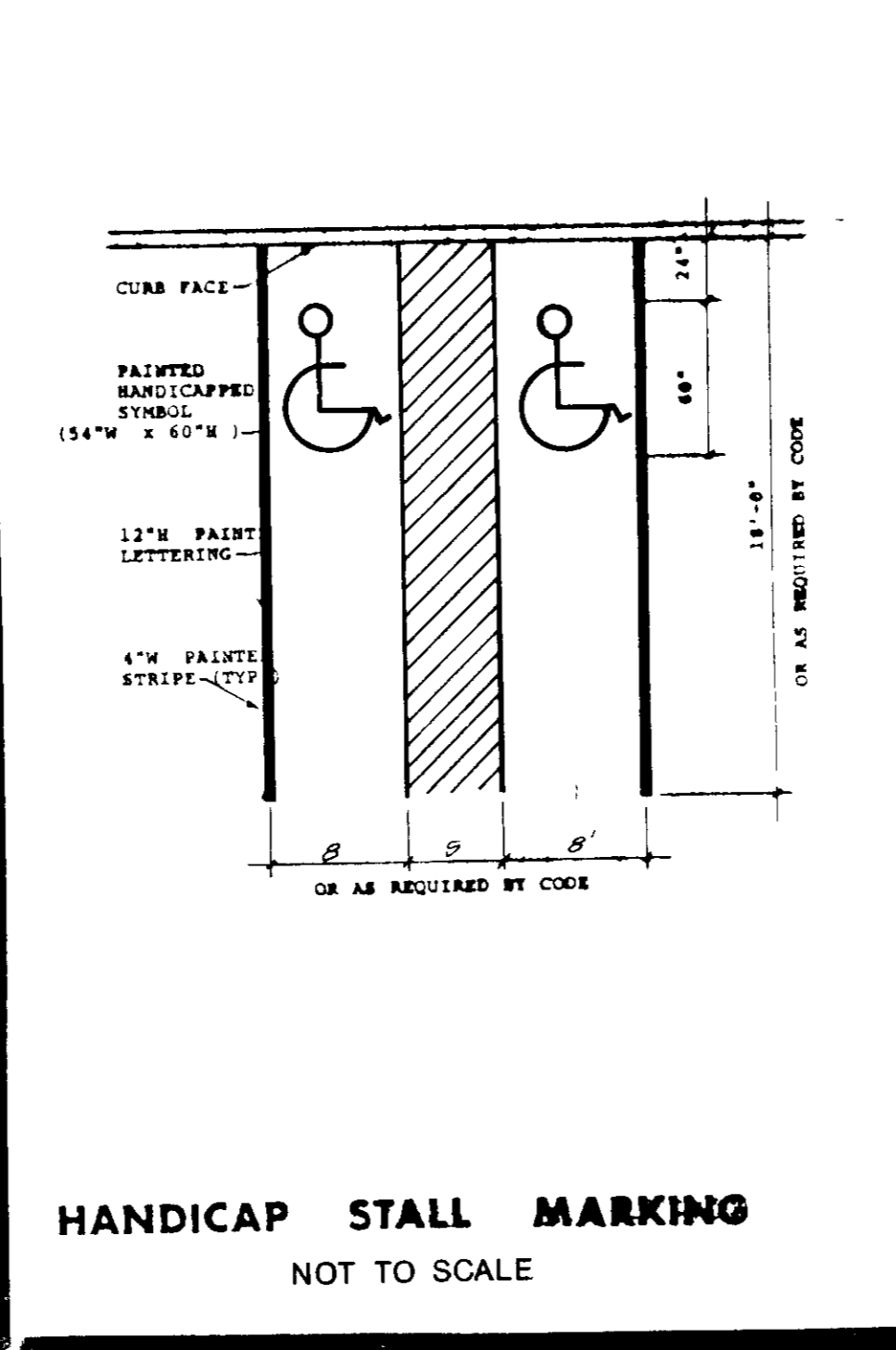
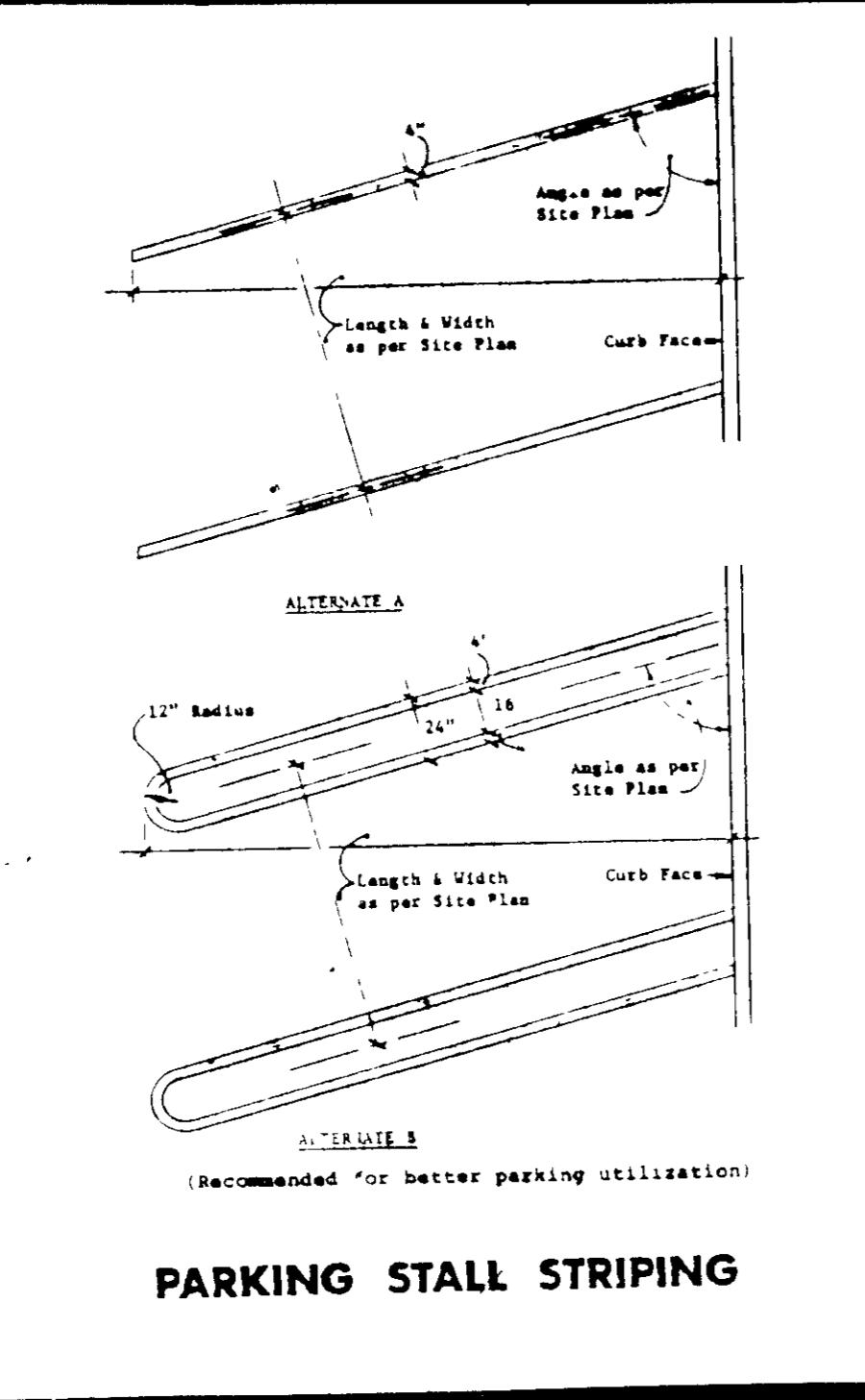
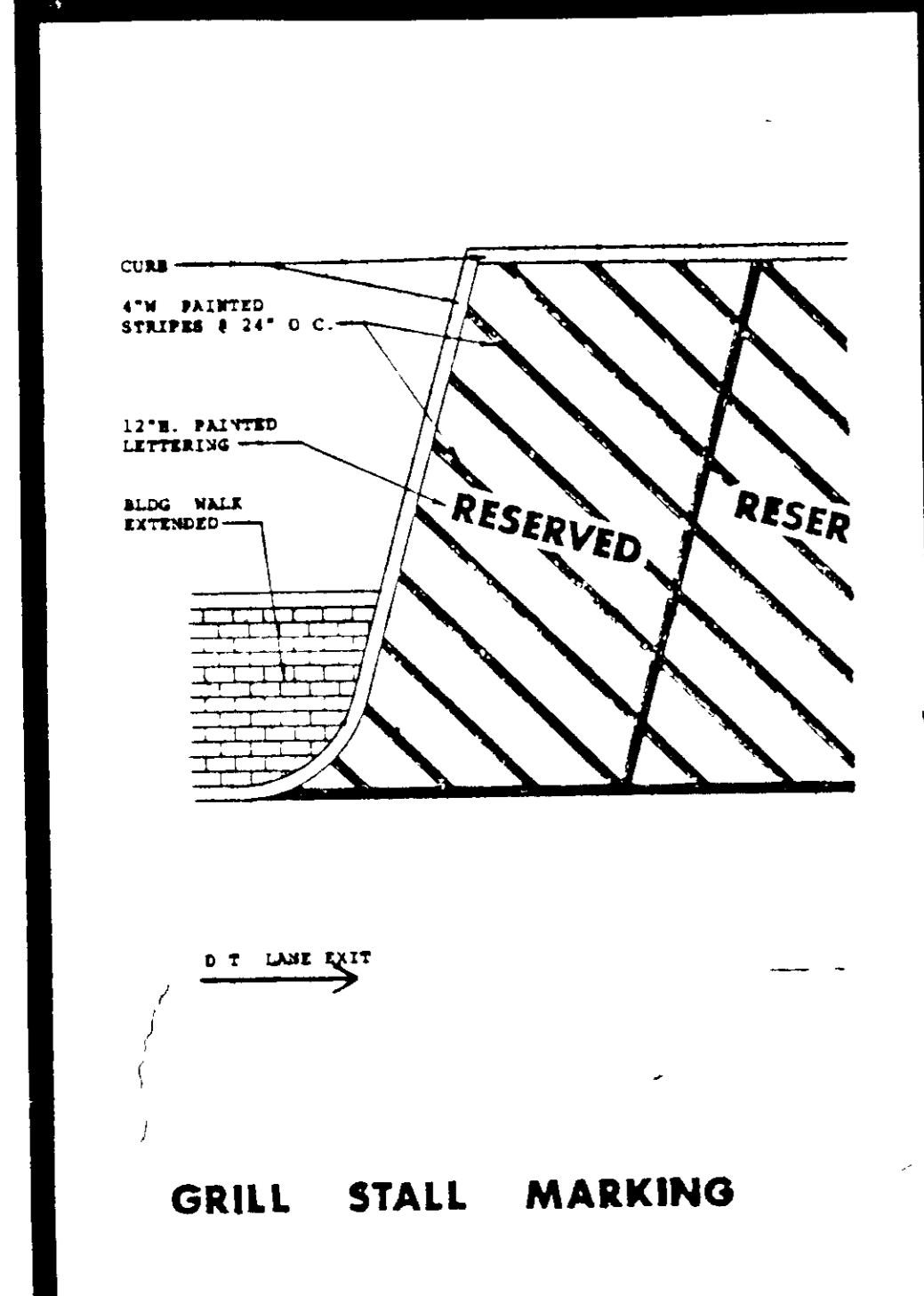
9-28-88

TAX MAP	PARCEL	ELECTION DISTRICT
47 & 48	F	6th

Revisions	
No.	Date
1	3/7/85
2	4/16/85
3	10/18/85
4	8/1/88

D.E. Miller: Architect  
 McDonald's Corporation  
 McDonald's Plaza  
 Oak Brook, Illinois 60521

Date Drawn: 4-12-85  
 Drawn By: DAVIS  
 Checked By: [Signature]  
 Job No. [Blank]



**PAVEMENT PAINTING SPECIFICATION**

All permanent painting - striping, lettering, directional arrows - is to be white in color.

Listed below are recommended paint manufacturers and products:

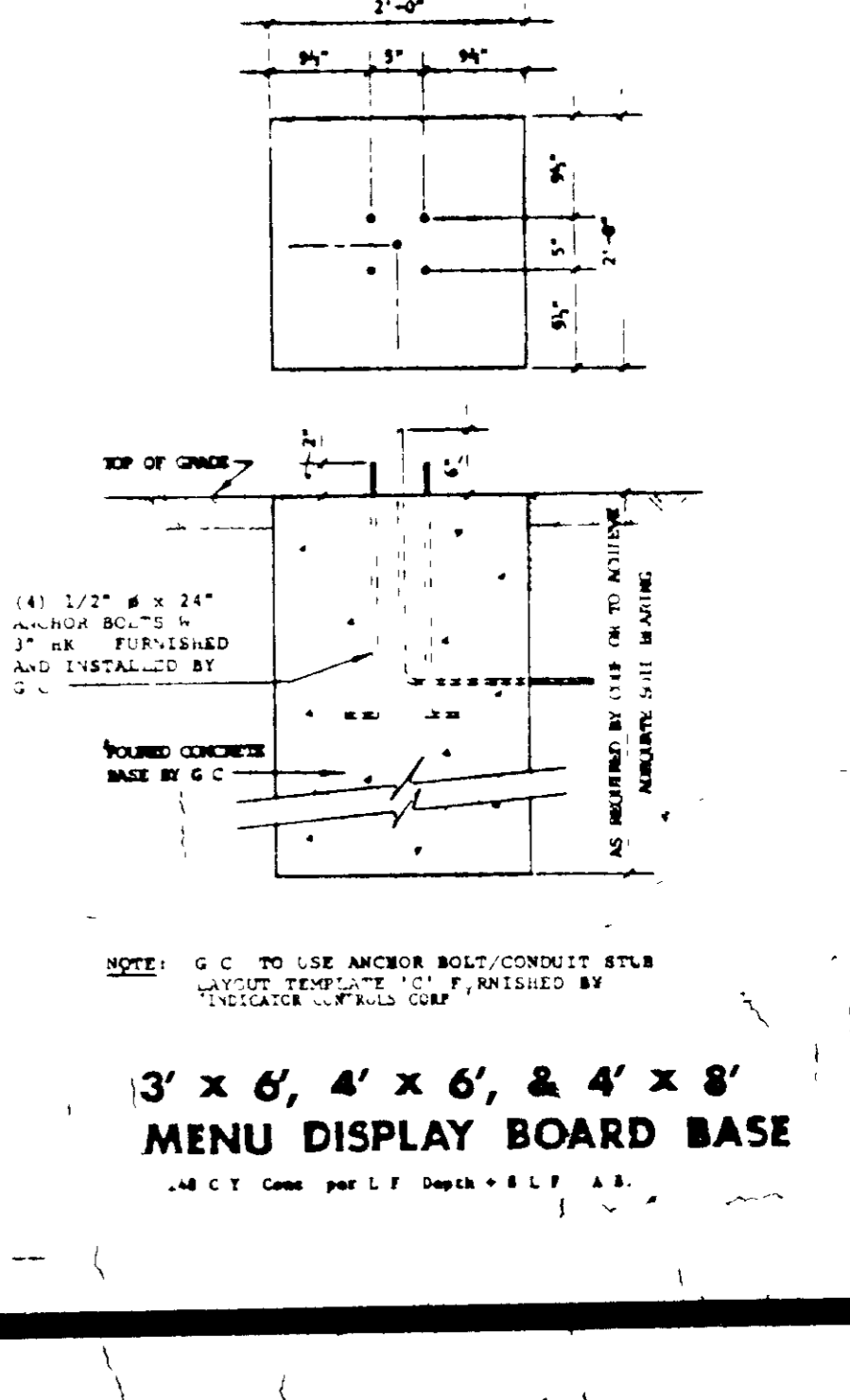
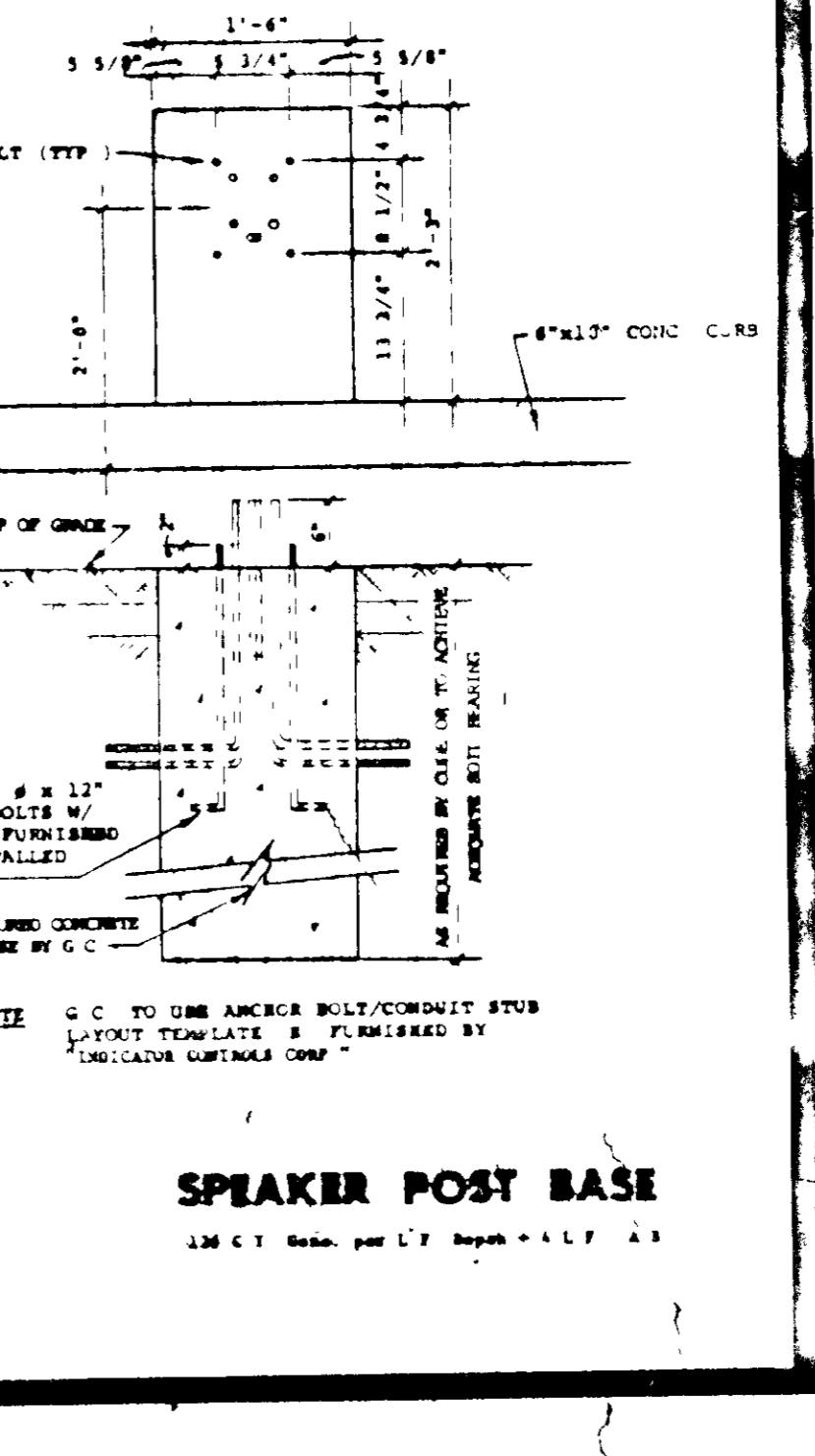
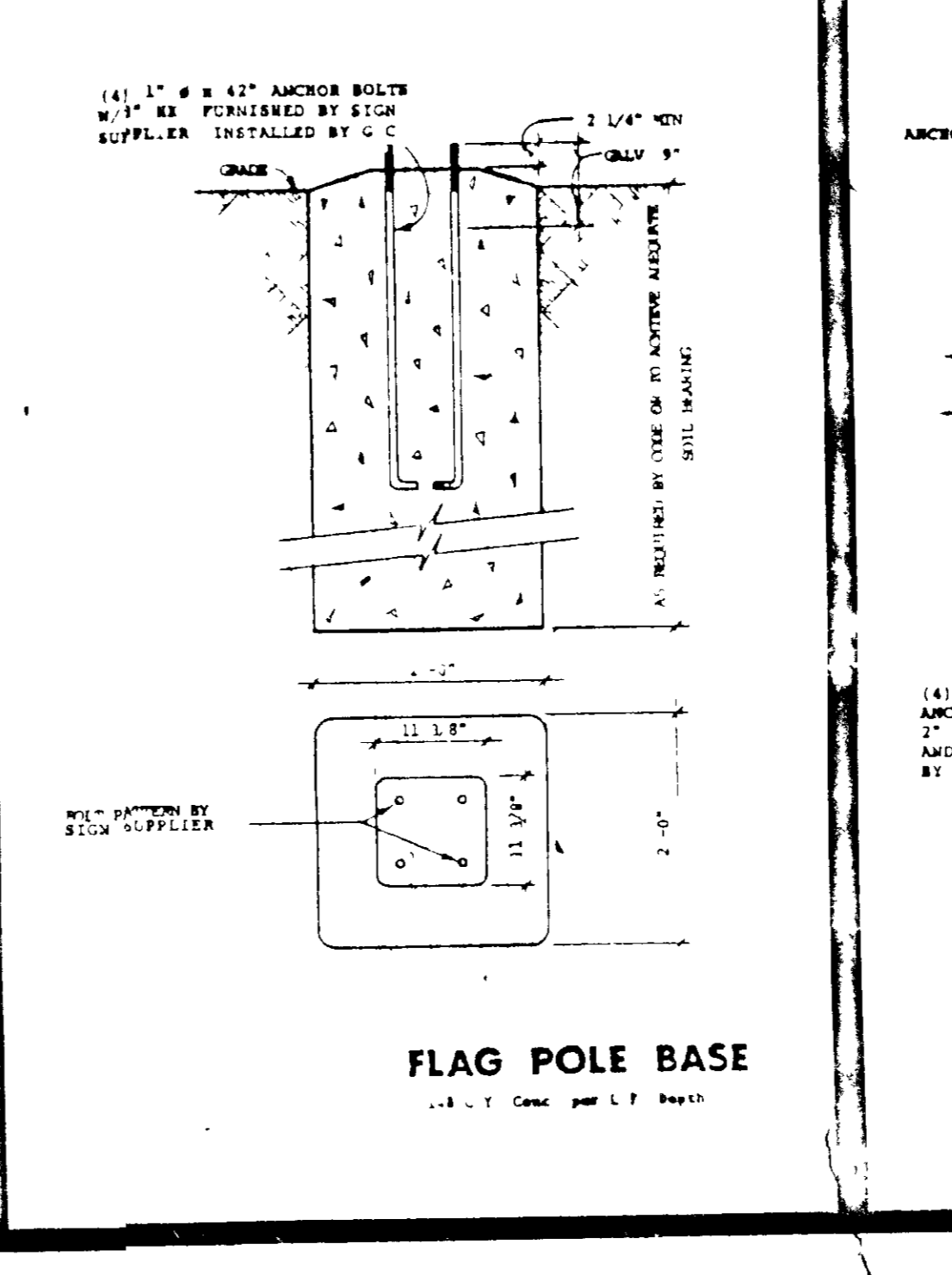
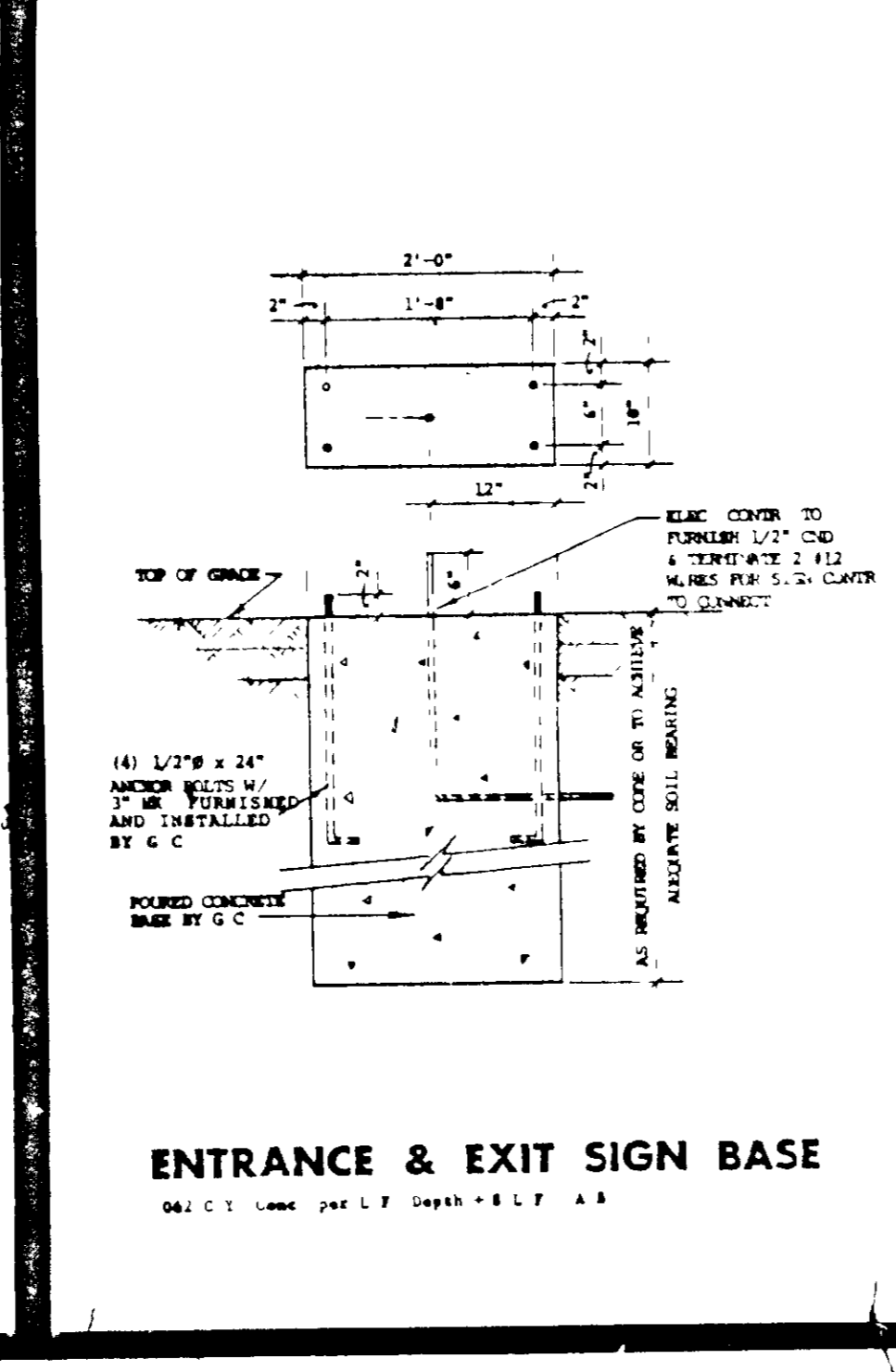
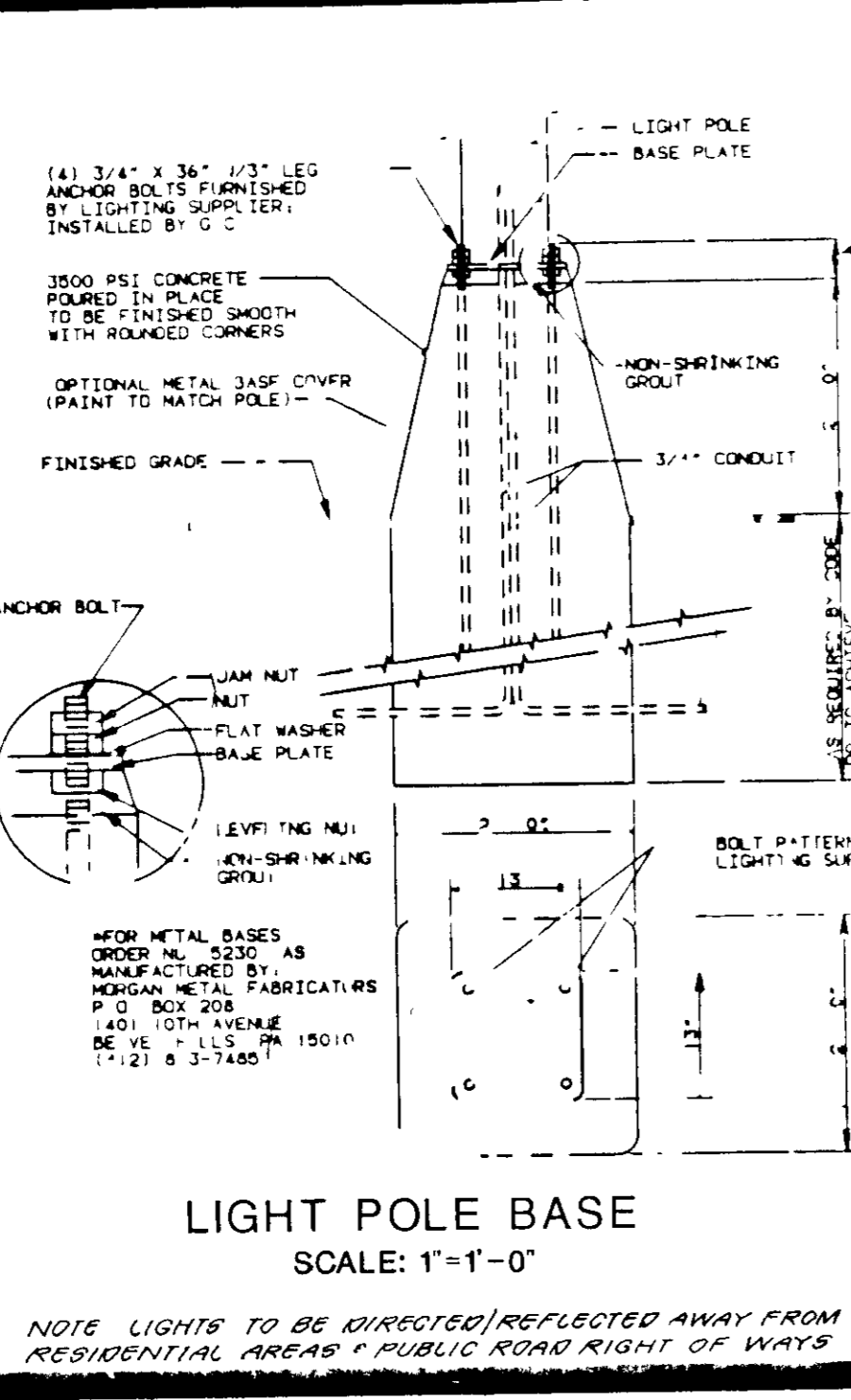
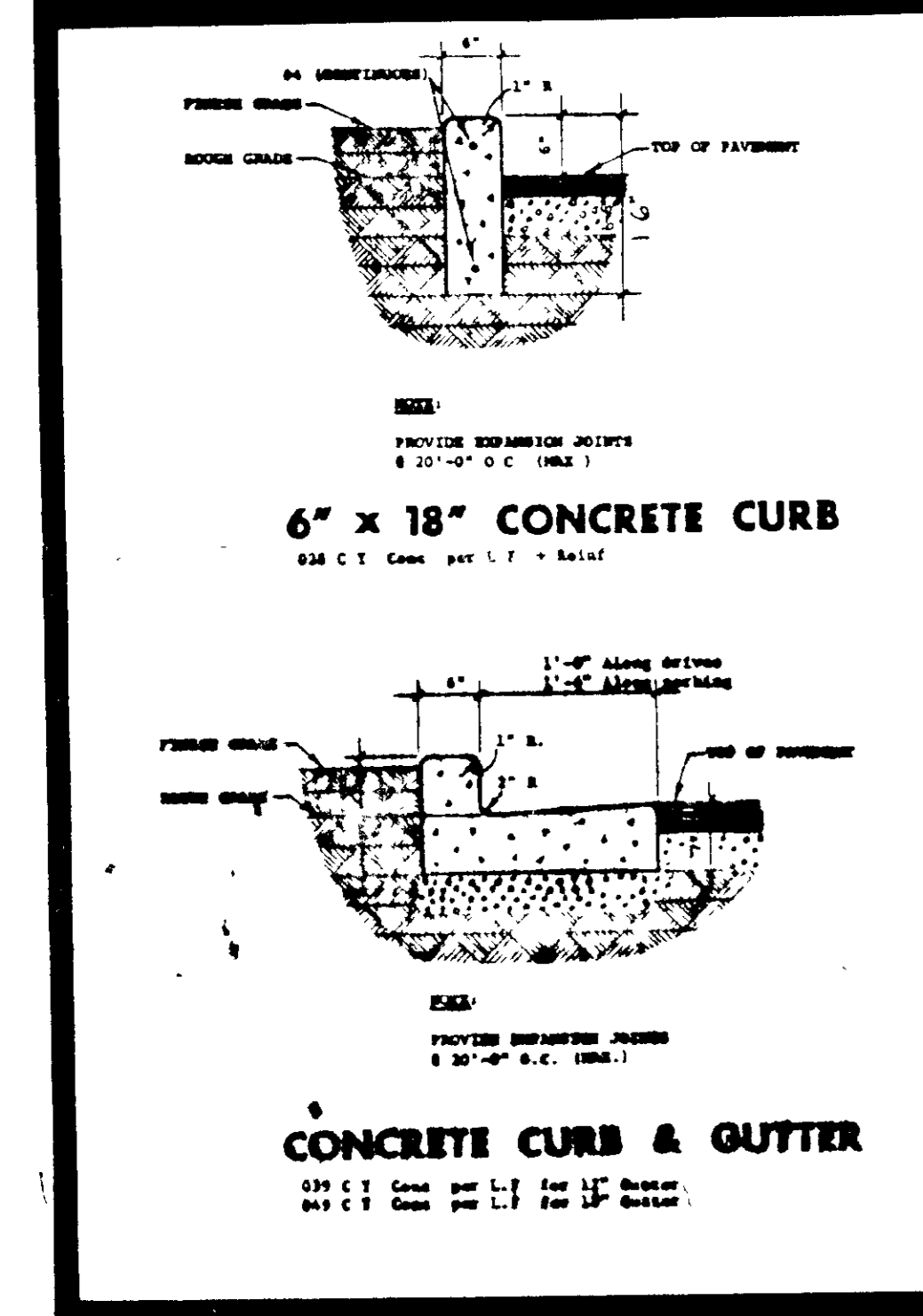
- Glidden - "Traffic Lane Paint" (248)771-9131
- Pittsburgh - "Traffic & Road Marking Paint" (412)432-3131
- Sherrin Williams - "Pro-Mark Traffic Marking Paint" (800)331-6194
- Maintenance, Inc. (Former Industrial Corp.) - "Tyrus-Stripes" (313)344-2322

Pavement areas to be striped must be sound, and free of dust, dirt, oil, grease and any other foreign matter. Remove loose dirt by brushing and/or blowing clear with air or water pressure. Care should be taken not to spread surface deposits of oil or grease over additional areas in the cleaning process; these should be removed with solvents or commercial detergents. Old striping should be well-enclosed to assure new paint bond, or removed entirely if badly cracked, flaked, or peeling. Where application is over protective sealers or coatings, such materials should be allowed to cure for at least 48 hours before painting. A check should be made by applying a test strip to determine the readiness for painting.

The pavement surface should be laid out with chalk marks for required striping so that markings will be accurate and in keeping with positioning and dimensioning shown on the site plan. One uniform coat of paint should be applied by brush, roller, or spray, at a rate of not less than one gallon per 100 square feet. One gallon will yield from 300 to 500 linear feet of 4" wide stripe.

Paint should not be applied when weather is rainy, foggy, or excessively humid (over 85% relative humidity), and not when ambient or pavement temperature is below 50°F., and not when above conditions are anticipated for eight hours after application.

Pavement should not be opened to traffic until all paint is allowed to cure for at least 1 hour. (Consult manufacturer for specific drying times).



# McDonald's

Drawn For:  
 McDonald's Corporation  
 McDonald's Plaza  
 Oak Brook, Illinois 60521  
 C. W. Broadbent  
 Vice Pres. Of Architecture  
 And Construction

STV JOB NO: 7889-672

**SP-6**  
 DETAILS

6 of 8  
 SDP-88-220



- GENERAL NOTES:**
1. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN, "AMERICAN STANDARDS FOR NURSERY STOCK".
  2. CONTRACTOR SHALL BE REQUIRED TO GUARANTEE ALL PLANTS MATERIALS FOR A PERIOD OF ONE YEAR AFTER INSTALLATION IS COMPLETE AND APPROVED. AT THE END OF ONE YEAR ALL PLANT MATERIAL WHICH IS DEAD OR DYING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AS ORIGINALLY SPECIFIED.
  3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND MAY MAKE MINOR ADJUSTMENTS IN SPACING AND/OR LOCATION OF PLANT MATERIALS. CONTRACTOR TO VERIFY "AS BUILT" LOCATION OF ALL UTILITIES.
  4. NO SUBSTITUTIONS SHALL BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.
  5. ALL AREAS NOT STABILIZED IN PAVING OR PLANT MATERIALS SHOULD BE SEEDED AND MULCHED.
  6. EVERGREEN TREES SHALL HAVE A FULL, WELL-BRANCHED, CORTICAL FORM TYPICAL OF THE SPECIES.

**STV / LYON ASSOCIATES**  
 Engineers Surveyors Planners  
 21 Governor's Court Baltimore, Maryland 21207  
 Telephone : 301-944-9112

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *Joseph M. Boyd* DATE: 5-11-89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: *John J. ...* DATE: 6-1-89  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: *...* DATE: 5/1/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *James P. ...* DATE: 5/1/89  
 CHIEF BUREAU OF ENGINEERING: *...* DATE: 5-2-89

APPROVED DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE: 9-28-88

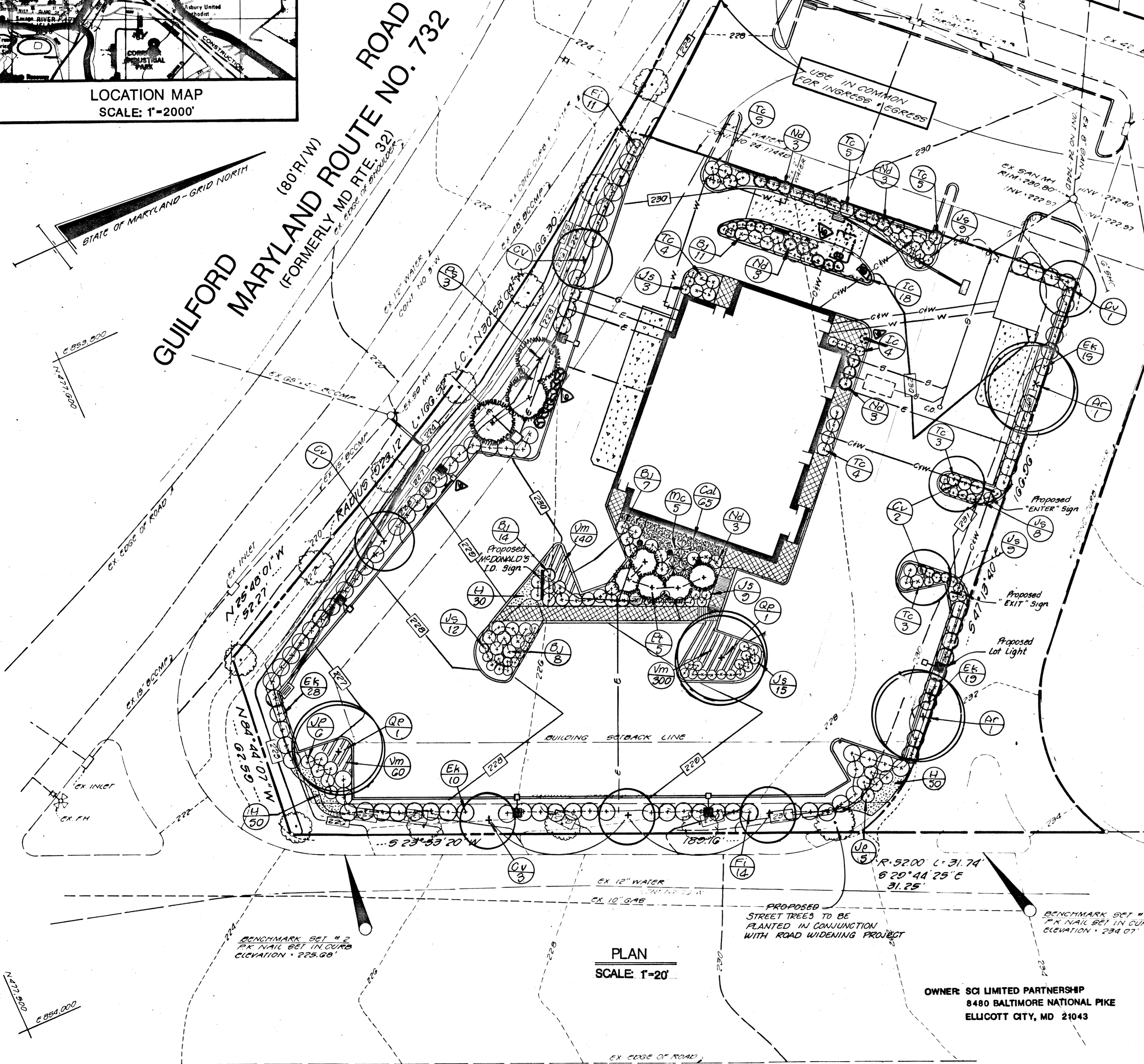


- GENERAL NOTES:**
1. McDonald's Road Sign and Base are by the Sign Contractor. Conduit and Wiring are by the General Contractor.
  2. Bases, Anchor Bolts, Conduit, and Wiring for All Other Signs are by the General Contractor.
  3. 1/2" Empty Conduit to Locations Shown at the Lot Perimeter for Lot Lighting 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.

PLAN APPROVALS: (2 required)

Signature: _____	Date: _____
Regional Mgr. _____	Const. Mgr. _____
Operations Dept. _____	Real Estate Dept. _____
Contractor _____	Owner _____

**McDonald's**  
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 MCD 14533



**PLANTING SCHEDULE**

SYM	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	COMM.
Ov	8	CRATAEGUS VIRENS 'WINTER KING'	WINTER KING HAWTHORNE	2" - 2 1/2" OAL.	B 4 B.
Ar	2	ACER RUBRUM 'OCTOBER GLORY'	RED MAPLE	2" - 2 1/2" OAL.	B 4 B.
Qp	2	QUERCUS GALUSTRIS	PIN OAK	2" - 2 1/2" OAL.	B 4 B.
Pp	3	PINUS STROBUS	WHITE PINE	5'-6'	B 4 B 15' O.C.
Pt	5	PINUS THUNBERGII	JAPANESE BLACK PINE	4'-5'	B 4 B 10' O.C.
Bj	40	BERBERIS JULIANAE	WINTERGREEN BARBERRY	15"-18"	4' O.C.
Cal	65	CALLUNA VULGARIS	SCOTCH HEATHER	1 GAL CONT.	18" O.C.
Ek	72	EUONYMUS ALATUSCHOVICUS 'SIEBOLDIANA'	EVERGREEN EUONYMUS	24" - 30"	5' O.C.
Ei	25	FORSYTHIA X INTERMEDIA	BORDER FORSYTHIA	3'-4'	5' O.C.
Ig	22	ILEX CRENATA 'CONVEXA'	JAPANESE HOLLY	18"-24"	3' O.C.
Js	65	JUNIPERUS CHINENSIS 'SARGENTII'	SARGENT JUNIPER	15" - 18"	3' O.C.
Jp	11	JUNIPERUS CHINENSIS 'PEITZERIANA AUREA'	GOLD PEITZER JUNIPER	18"-24"	B 4 B 4' O.C.
Mc	5	MISCANTHUS SINENSIS CONDENSATUS 'SILBERPEIL'	SILVER ARROW GRASS	3 GAL.	4' O.C.
Nd	15	NANDINA DOMESTICA	HEAVENLY BAMBOO	24" - 30"	B 4 B 4' O.C.
Tc	29	TAXUS CUSPIDATA	JAPANESE YEW	24" - 30"	B 4 B 4' O.C.
Vm	500 (5 PLANTS)	VINCA MINOR	PERIWINKLE	2" - 3" OAL.	(SEE PLAN)
H	130	HEMEROCALLIS 55R	DAYLILY VARS. MIXED COLORS	1 GAL CONT.	18" O.C.

**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	3 Spaces 9' x 18' @ 90°
		35 Spaces 9' x 18' @ 60°
		2 HANDICAP Spaces 12' x 18' @ 90°
		Spaces x @

**UTILITY INFORMATION:**

Size: Type: Location:

Sanitary Sewer		
Water		
Storm Sewer		
Electric		
Gas		

**SURVEY INFORMATION:**  
 Prepared By: *R. SNOOK* STV/LYON ASSOCIATES  
 21 GOVERNORS COURT  
 BALTIMORE, MARYLAND 21207  
 Dated: 4-9-88

**LEGEND:**

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

PLAN SCALE: 1" = 20'

**COLUMBIA JUNCTION**  
 HOWARD COUNTY, MARYLAND  
 SECTION 2 AREA 1

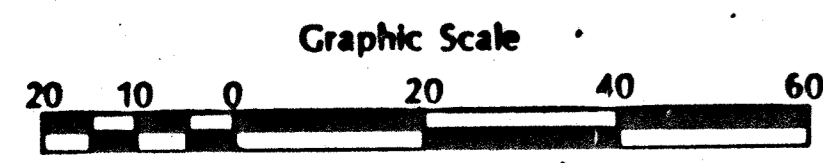
TAX MAP	PARCEL	ELECTION DISTRICT
47 & 48	F	6th

**LANDSCAPE PLAN**

PLAN STATUS:

Date:	4/15	AEC	5/11/88	TLS
By:	5	PER COUNTY COMMENTS	5/11/88	TLS
Preparation	6	PER COUNTY COMMENTS	5/11/88	TLS
Revisions	7	PER COUNTY COMMENTS	5/11/88	TLS
1	SIZE PLAN REVISED	5/12/88	RLS	9
2	LANDSCAPE PLAN REVISED	5/12/88	RLS	9
3	PARKING & LANDSCAPE PLAN REVISED	7/16/88	RLS	9
4	PER COUNTY COMMENTS	10/18/88	TLS	9

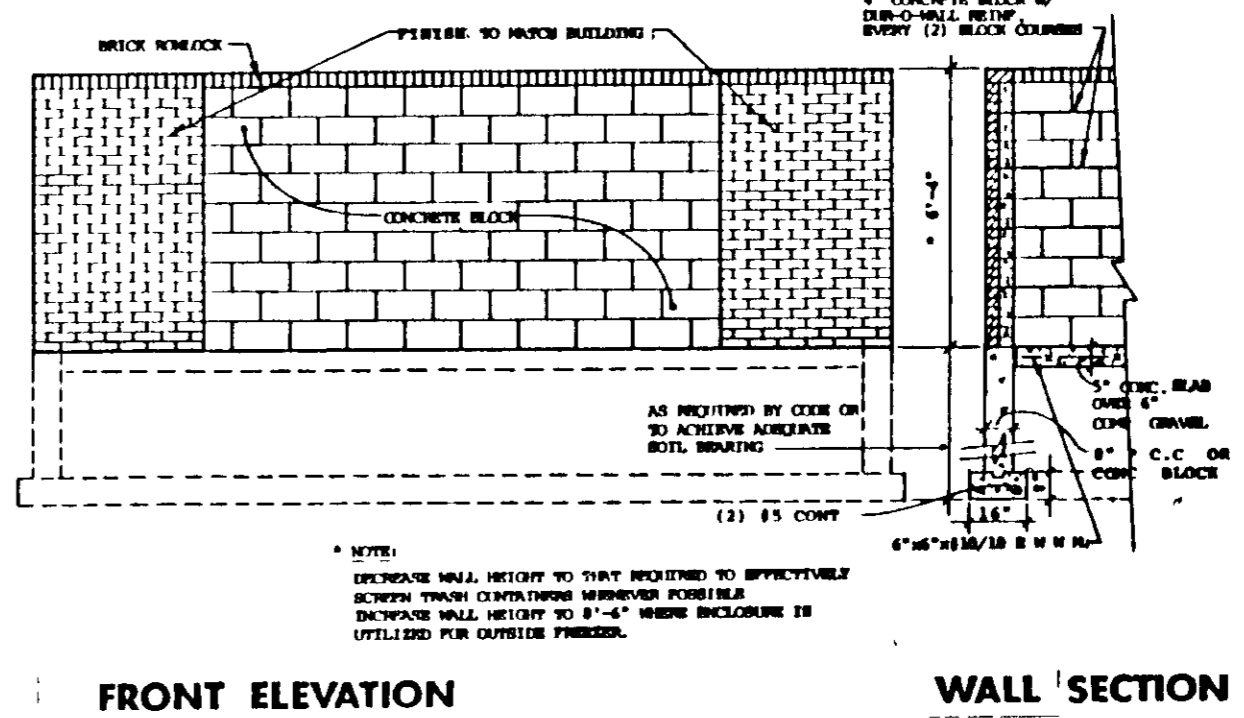
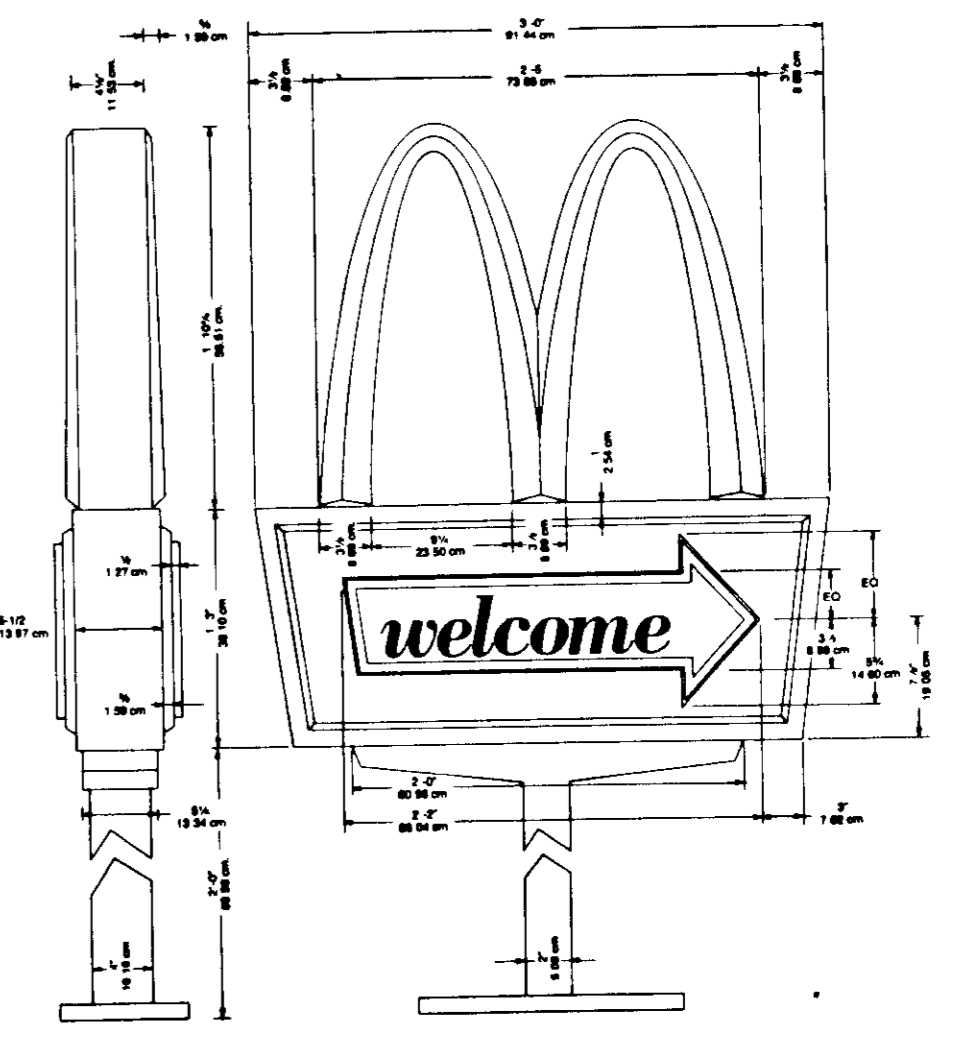
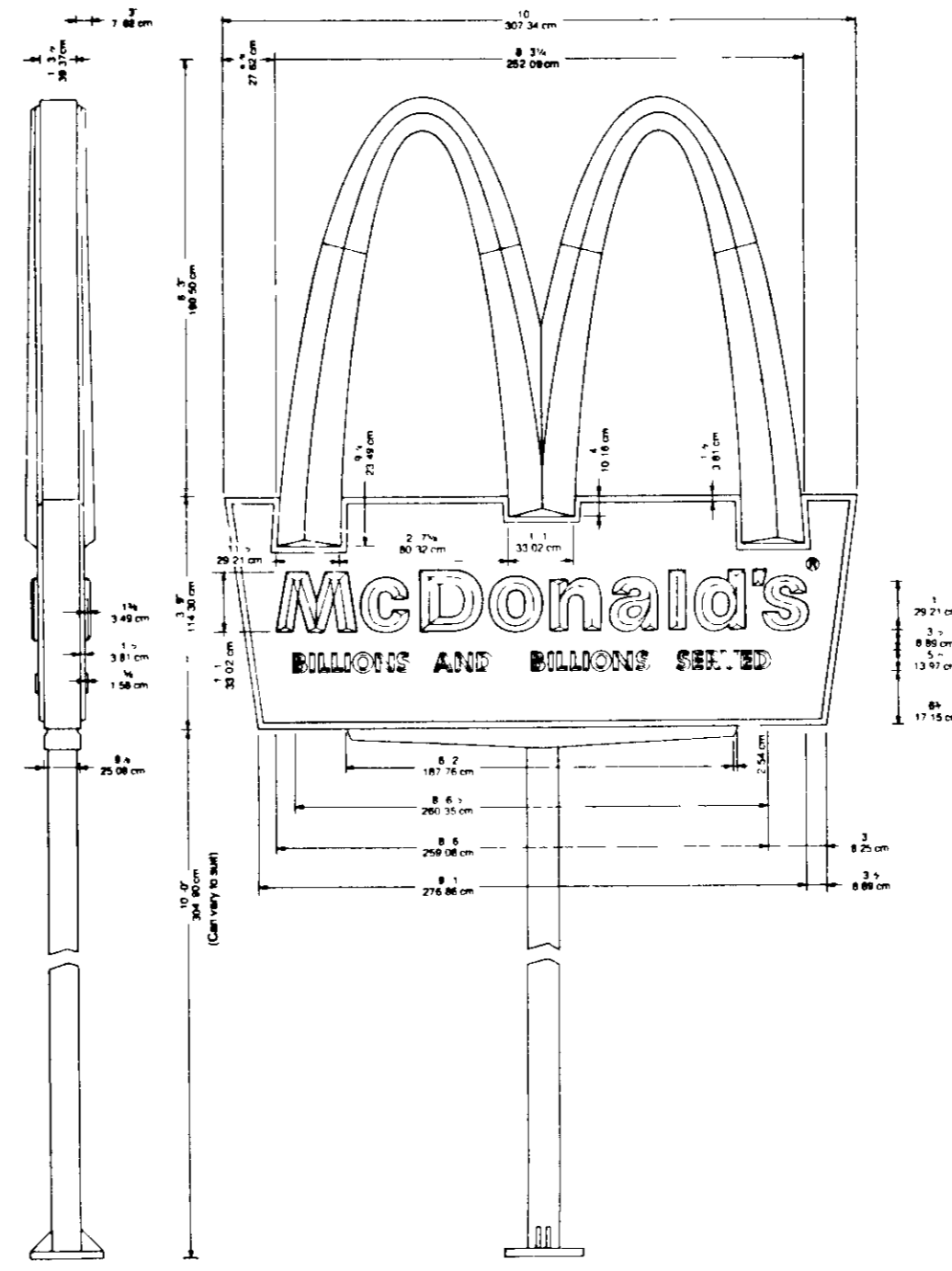
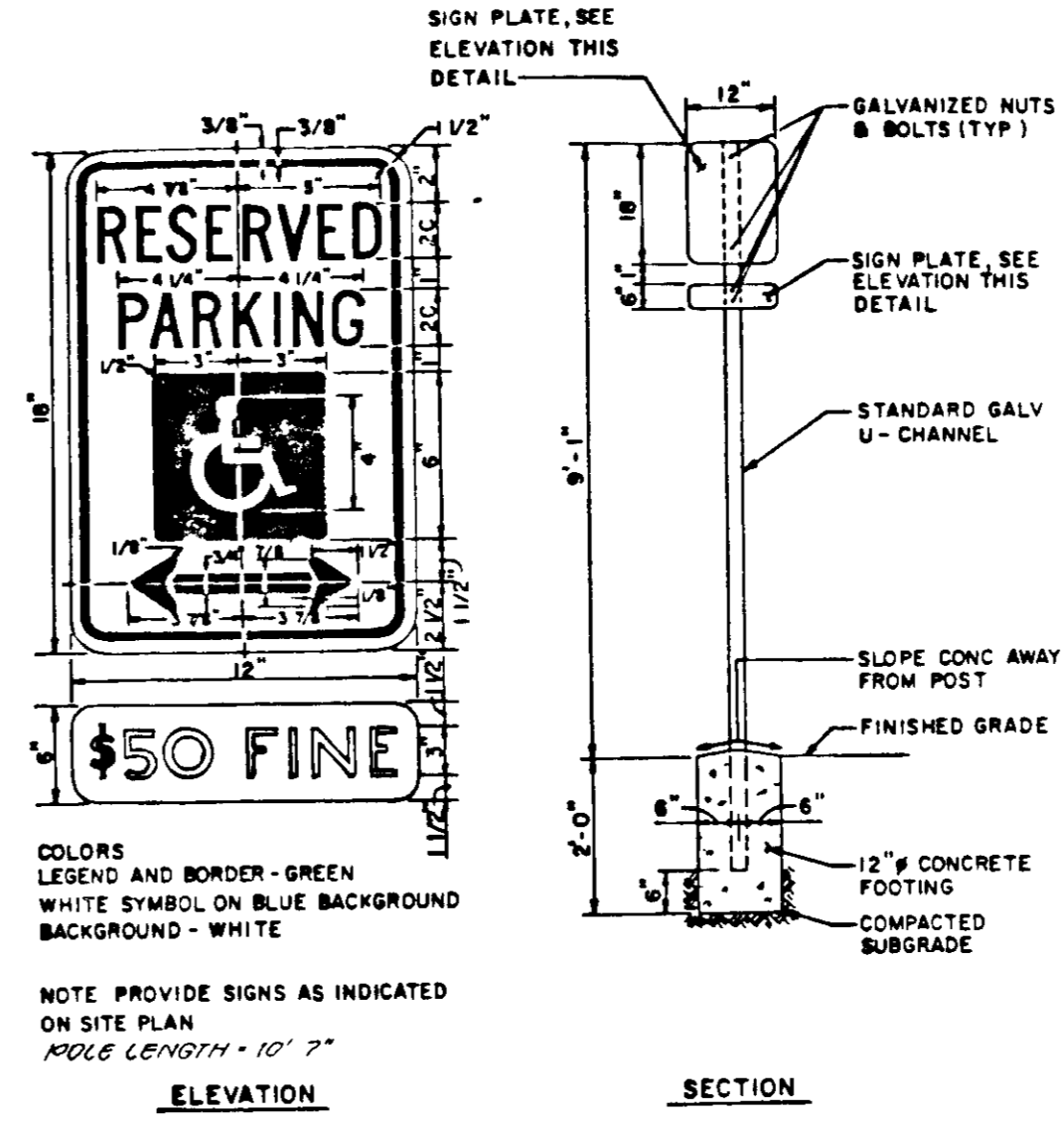
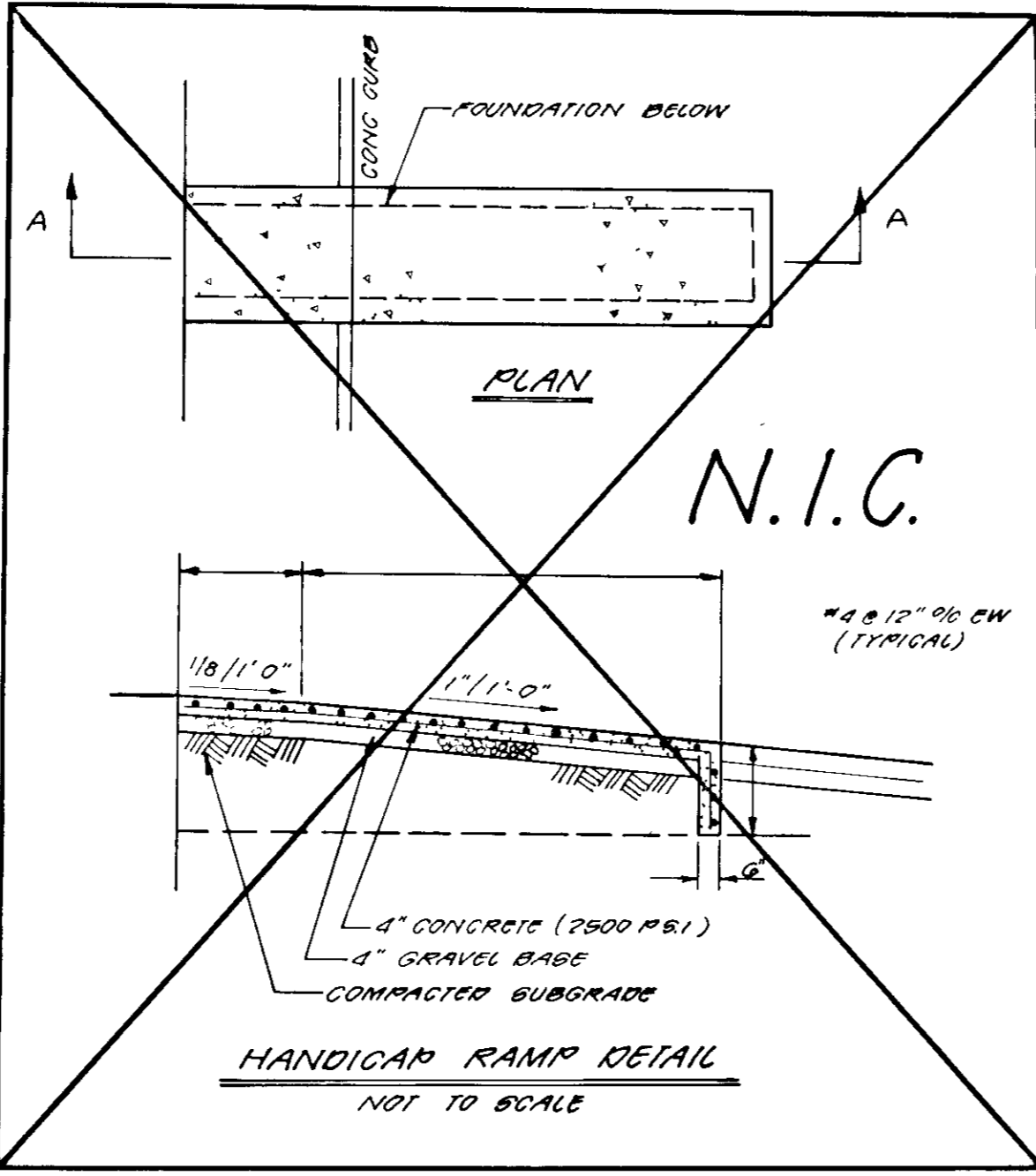
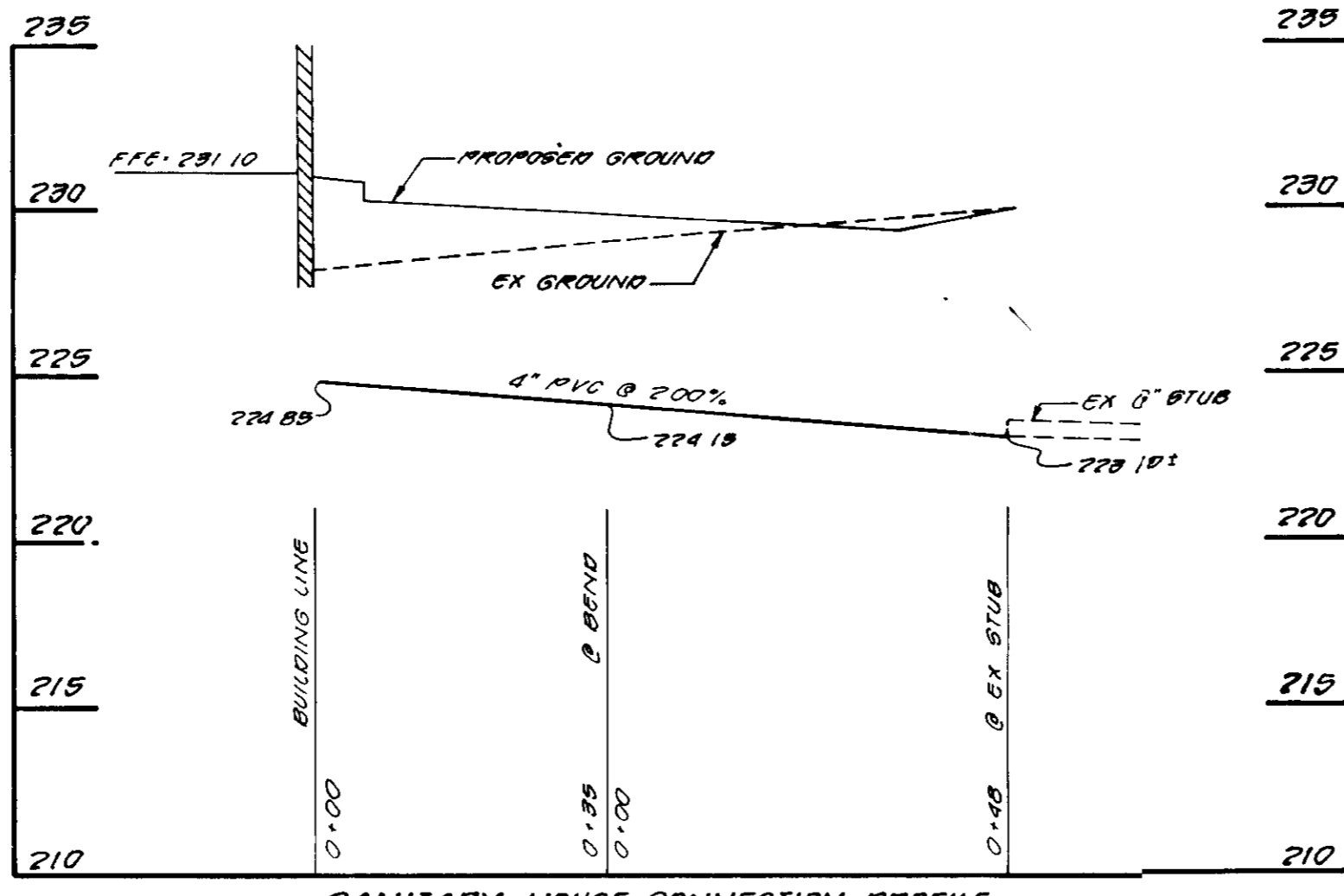
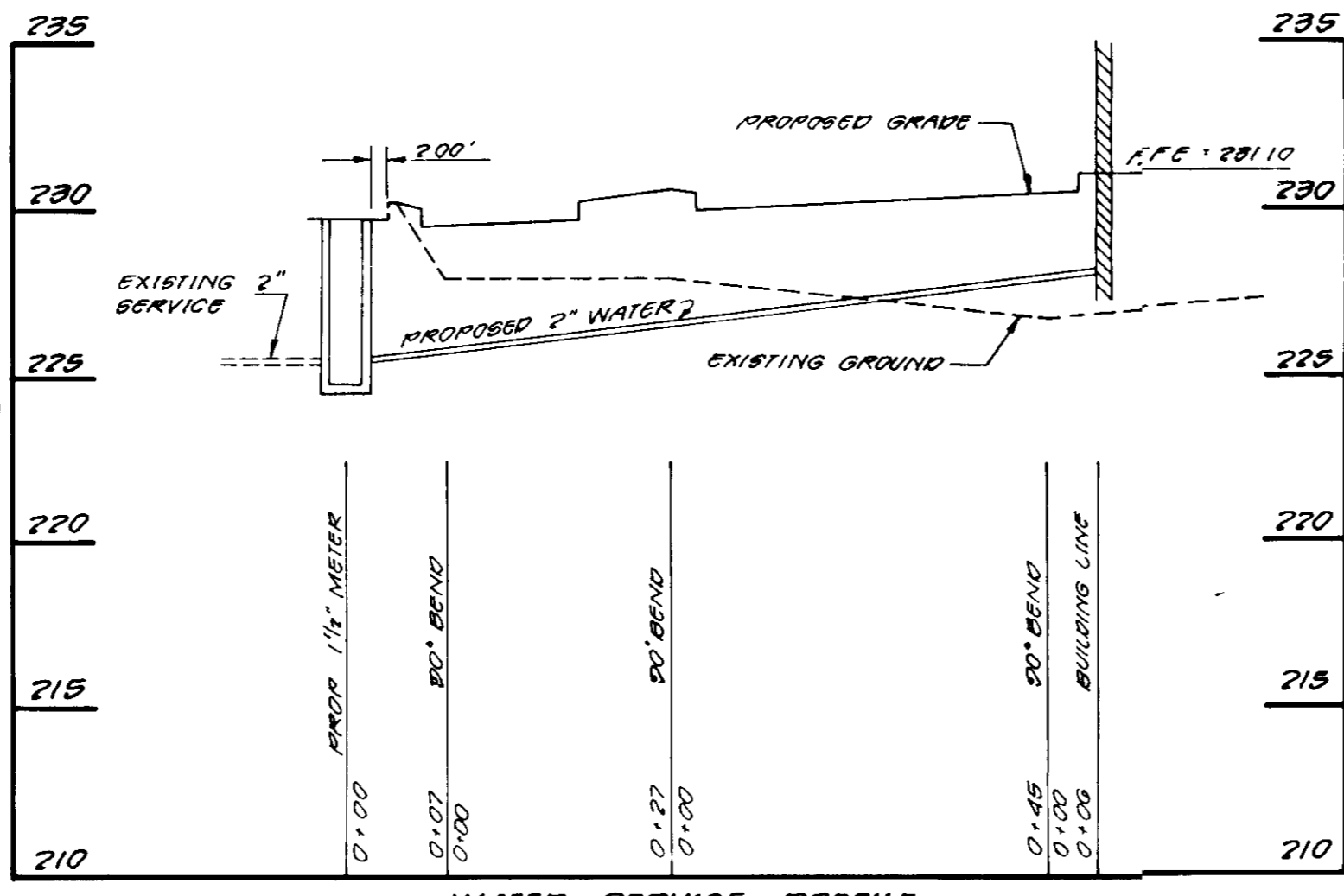
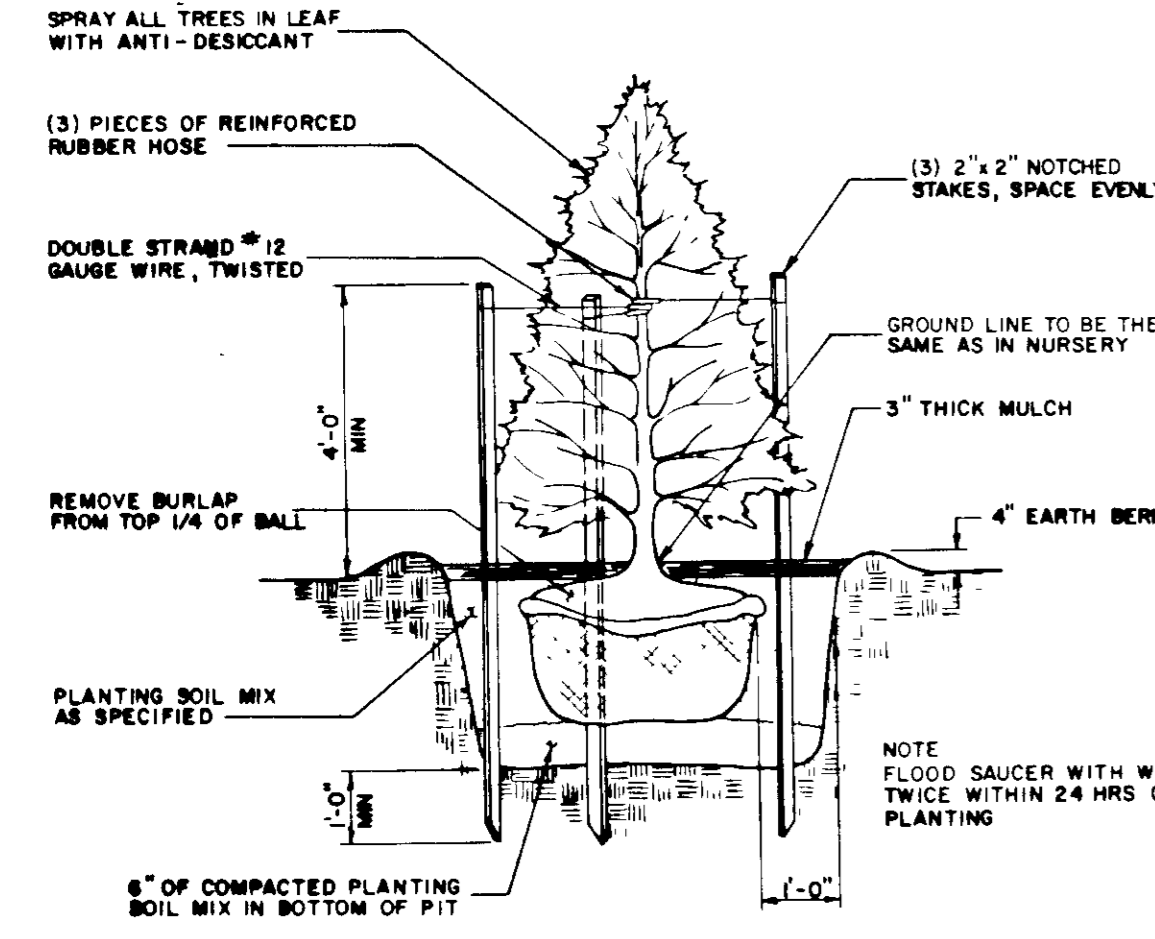
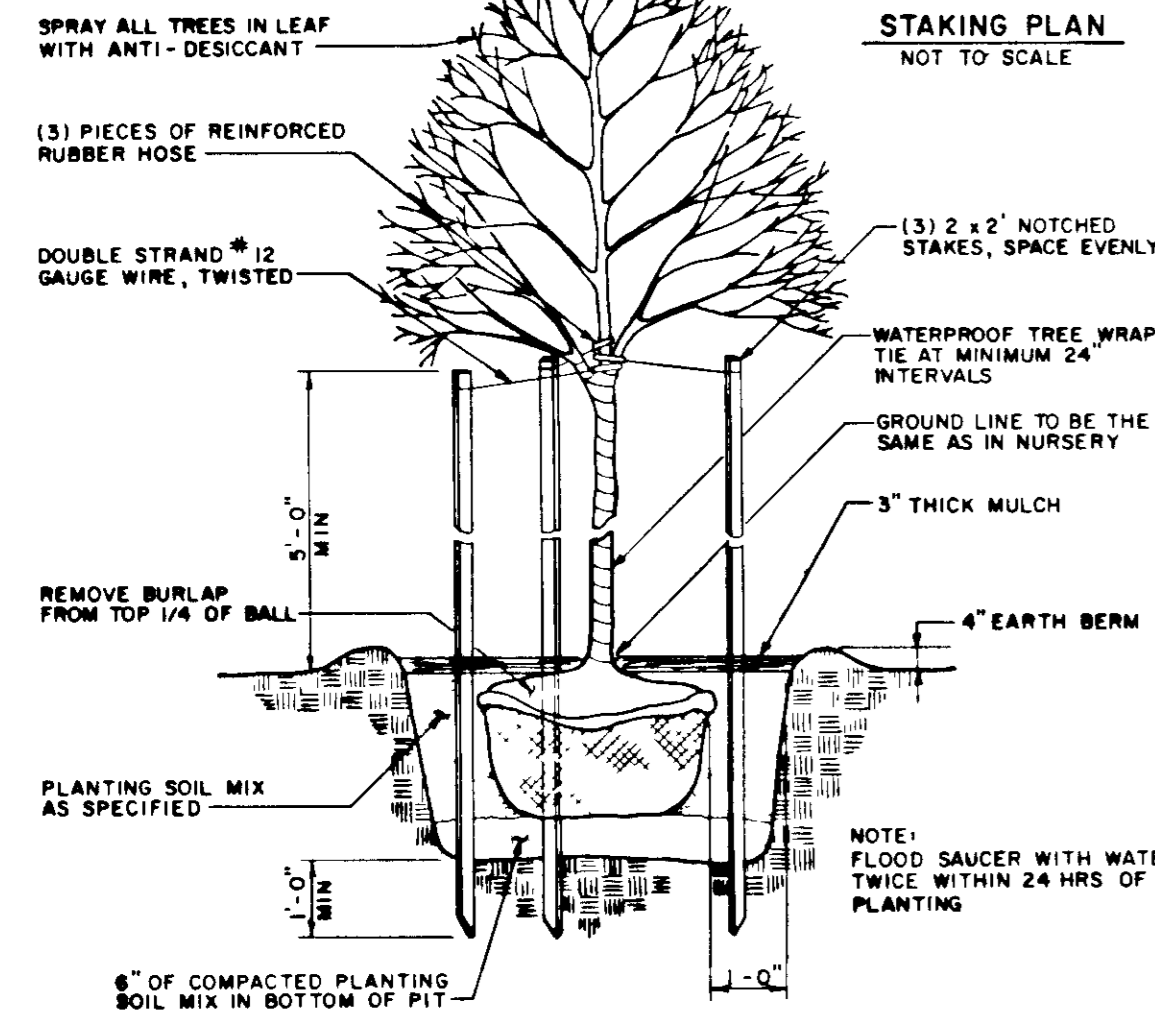
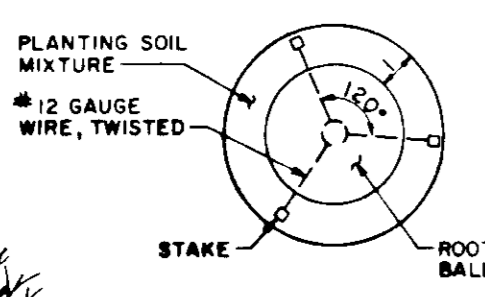
REGIONAL DWG. NO.: L/C 19-304  
 CORPORATE DWG. NO.:  
 STV JOB NO: 7989-67  
**SP-7**  
 7 of 8  
 SDP-86-220



**U.S. ROUTE NO.1 • BALTIMORE WASHINGTON BOULEVARD**  
 (100' R/W)

OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD 21043

NOTE: PRUNE 1/3 OF LEAF AREA, RETAINING NATURAL FORM OF TREE, DO NOT SHEAR HEAD DIAMETER OR CUT CENTRAL LEADER



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: [Signature] DATE: 5-11-88  
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: [Signature] DATE: 6-1-88  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: [Signature] DATE: [Signature]  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: [Signature] DATE: 5-2-89  
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: [Signature]

9-28-88  
 PLAN APPROVAL BLOCK

COLUMBIA JUNCTION		
HOWARD COUNTY, MARYLAND SECTION 2 AREA 1		
TAX MAP	PARCEL	ELECTION DISTRICT
47 & 48	F	6th

OWNER: SCI LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD 21043

Revisions		Building Type	
No	Date	Drawn	Checked
1	5/10/88	PER IN-HOUSE CHECK	TLB
2	7/17/88	PER COUNTY COMMENTS	TLB
3	10/12/88	PER COUNTY COMMENTS	TLB
	ISSUE DATE		
	4/15		

McDonald's Corporation  
 McDonald's Plaza  
 Oak Brook, Illinois 60521

**McDonald's**

STV JOB NO: 7989-67

SP-8

**STV / LYON ASSOCIATES**  
 Engineers Surveyors Planners  
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 Telephone 301-944-9112

