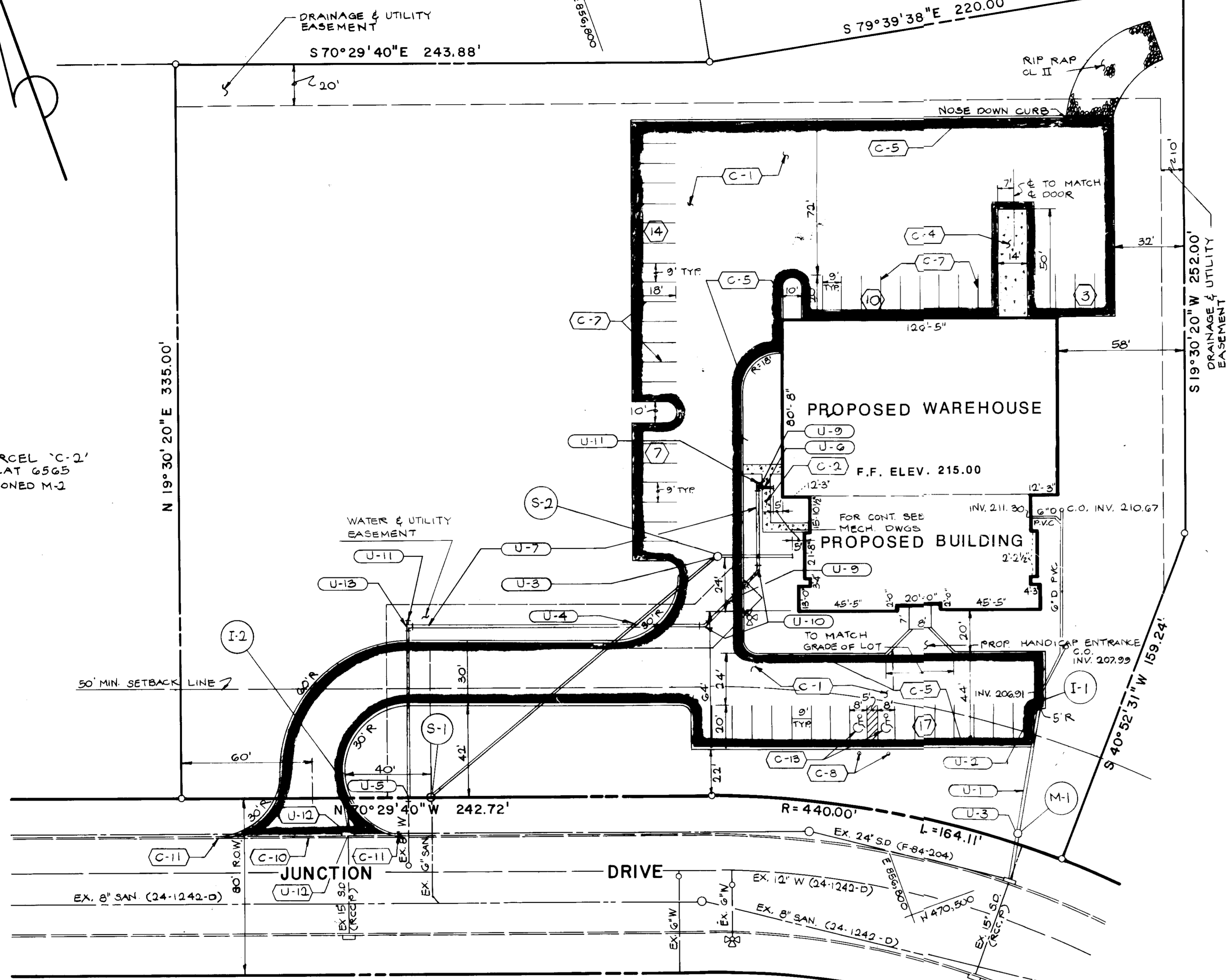


ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
P B-2	9010 JUNCTION DRIVE

A. B. HURD
573/45
ZONED M-2

ALBERT WEIR
225/568
ZONED M-2



PARCEL 'C-2'
PLAT G565
ZONED M-2

- CONSTRUCTION NOTES**
- C-1 NEW BITUMINOUS PAVING, SEE DETAIL 6 ON SHEET SD-6.
 - C-2 NEW 5" CONCRETE SIDEWALK, SEE DETAIL 7 ON SHEET SD-6.
 - C-3 NEW CONCRETE DRIVEWAY ENTRANCE, REFER TO HOWARD COUNTY MD. STANDARD SPECIFICATIONS & DETAILS FOR CONSTRUCTION, STD. PLATE R-5.07.
 - C-4 NEW 8" CONCRETE PAVING, SEE DETAIL 5 ON SHEET SD-6.
 - C-5 NEW STANDARD 7" CURB & GUTTER COMBINATION, REFER TO HOWARD COUNTY MD. STANDARD SPECIFICATIONS & DETAILS FOR CONSTRUCTION, STD. PLATE R-3.01.
 - C-7 PAVEMENT MARKINGS TO BE DONE WITH YELLOW TRAFFIC PAINT, SEE DETAIL 8 ON SHEET SD-6.
 - C-8 NEW HANDICAP RESERVE PARKING SIGNS, SEE DETAIL 10 ON SHEET SD-6.
 - C-9 ALL DISTURBED AREAS WHICH ARE NOT PAVED OR PLANTED IN ACCORDANCE WITH THE PLANTING PLAN, SHEET SD-5, SHALL BE SEED & MULCHED, SEE SPECIFICATIONS.
 - C-10 REMOVE EXISTING CURB & GUTTER.
 - C-11 MEET EXISTING GRADE.
 - C-12 REFER TO PLANTING PLAN, SHEET SD-5.
 - C-13 HANDICAP PAVING MARKING, SEE DETAIL 11 SHEET SD-6.

PARCEL 'A-1'
PLAT G579
M-2

- UTILITY NOTES**
- U-1 INSTALL NEW 15" CAP 15 GA.
 - U-2 INSTALL NEW DOUBLE 15" COMB. INLET SEE SHEET SD-3 FOR INVERT & TOP ELEV.
 - U-3 INSTALL NEW STANDARD MANHOLE SEE SHEET SD-3 FOR INVERT & TOP ELEV.
 - U-4 INSTALL NEW 6" SANITARY SEWER.
 - U-5 REMOVE EXISTING CAP & BUTTRESS.
 - U-6 INSTALL NEW 6" WATER HORSE CONNECTION.
 - U-7 INSTALL NEW 8" FIRE LINE.
 - U-8 INSTALL NEW 6" FIRE HYDRANT TO INCLUDE TEE, VALVE, ROADWAY BOX AND 6" LEADER.
 - U-9 INSTALL 8" X 6" TEE.
 - U-10 INSTALL 1/8 BEND.
 - U-11 INSTALL 8" CAP AND BUTTRESS
 - U-12 REBUILD INLET SEE SHEET SD-3 FOR INVERT & TOP ELEV.
 - U-13 INSTALL 8" X 8" TEE

SITE DATA

AREA - 3.6114 AC
ZONING - M-2
ELECTION DISTRICT - 6TH

OPEN SPACE DATA

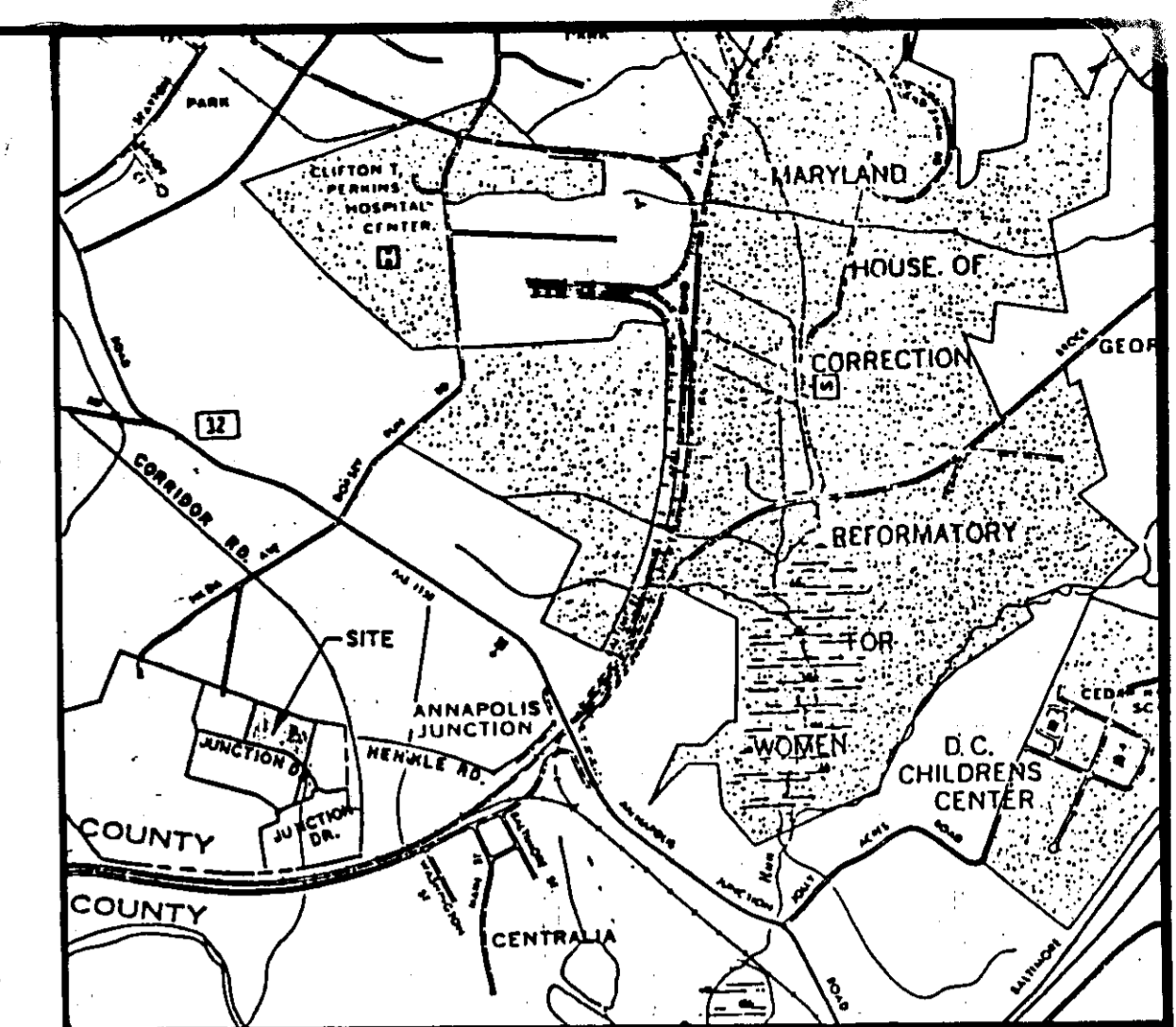
TOTAL AREA 157,312.6 S.F.
BUILDING 15,931 S.F. = 10% OF TOTAL AREA
PAVING 41,882 S.F.
OPEN SPACES 99,500 S.F.
99,500 - 157,312.6 = 63.25%

PARKING DATA

REQUIRED: 18 OFFICE EMPLOYEES X .70 (7 SP/10 EMPLOYEES) = 13 SPACES
11 WAREHOUSE EMPLOYEES X .50 (1 SP/2 EMPLOYEES) = 6 SPACES

PROVIDED:
STANDARD - 49 SPACES
HANDICAPPED - 2 SPACES
TOTAL - 51 SPACES

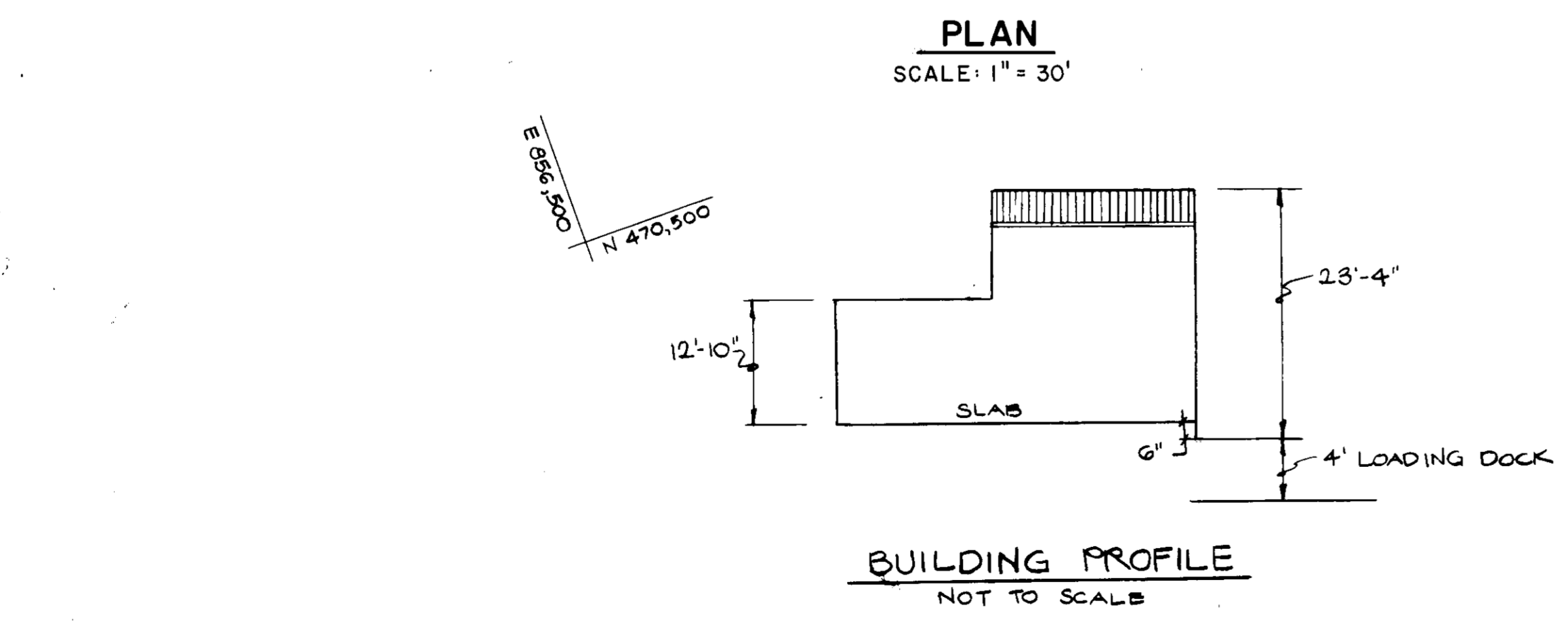
PAVED AREA - 41,882
REQUIRED LANDSCAPE ISLAND AREA = 5% X 41,882 = 2,094 S.F.
PROPOSED LANDSCAPE ISLAND AREA = 3,490 S.F. = 8%



VICINITY MAP
1" = 2000'

- GENERAL NOTES**
- A. PRIOR TO THE START OF ANY CONSTRUCTION THE CONTRACTOR SHALL STAKE OUT ALL BASELINES, BUILDING LOCATION, AND CURBS, AND VERIFY OFFSETS AND SETBACKS.
 - B. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT TELEPHONE NO. (301) 599-0100 AT LEAST 72 HOURS PRIOR TO STARTING EXCAVATION TO VERIFY ALL LOCATIONS OF EXISTING UTILITIES.
 - C. ALL CONSTRUCTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH HOWARD COUNTY, DEPARTMENT OF PUBLIC WORK STANDARDS, SPECIFICATIONS AND REQUIREMENTS.
 - D. THE INFORMATION SHOWN ON THESE PLANS IS FOR THE CONVENIENCE OF THOSE CONCERNED ONLY. THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION SHOWN IS NOT WARRANTED OR GUARANTEED. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS OWN SATISFACTION.
 - E. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
 - F. ALL DISTURBED AREAS NOT STABILIZED WITH PAVING, BUILDING, SODDING OF MULCH IN PLANTING AREAS SHALL BE SEED & MULCHED.
 - G. STORM WATER MANAGEMENT PROVIDED IN PARCEL R-1 UNDER FINAL PLANS R-84-204.

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-30-87
10/270



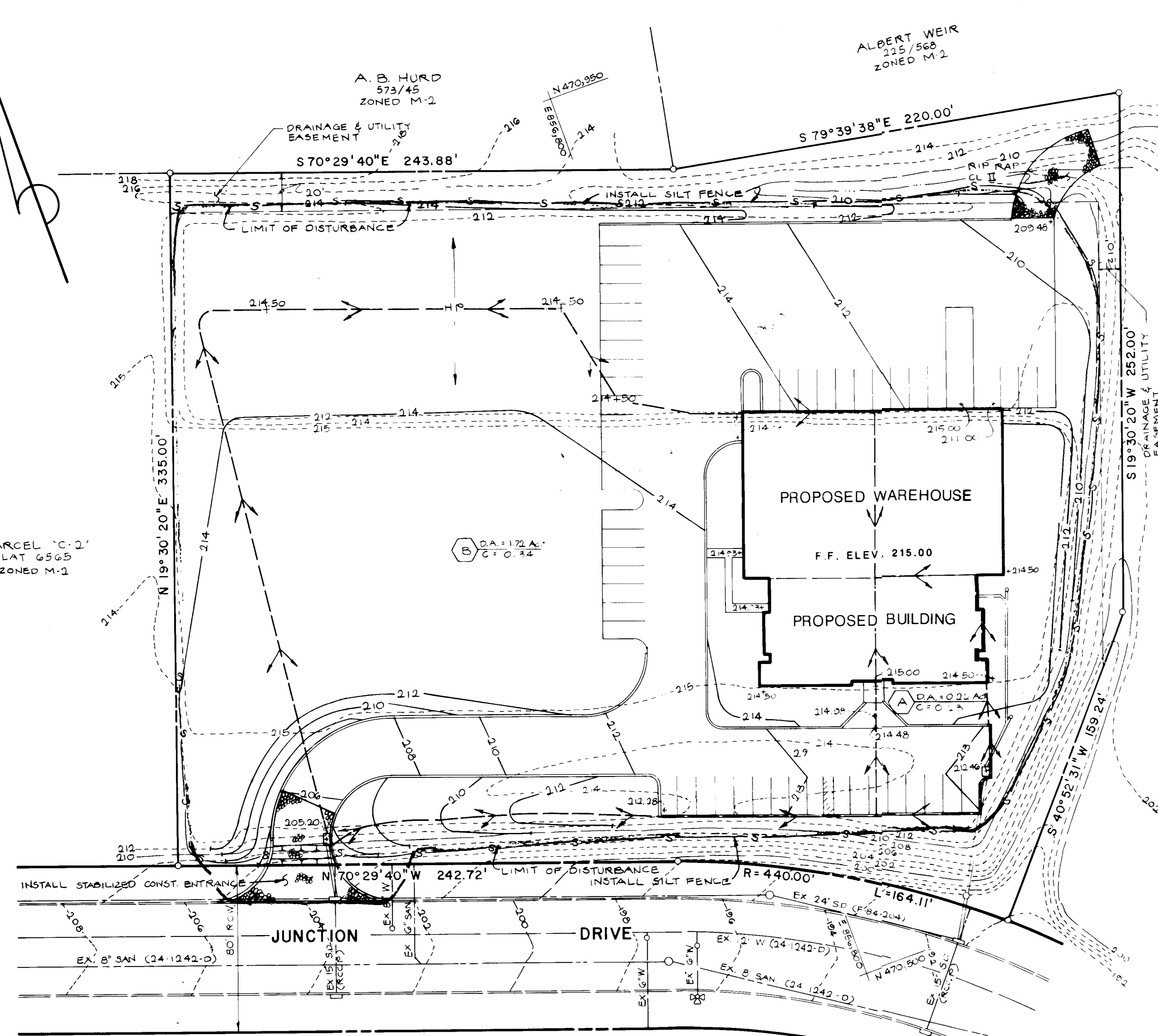
LEGEND

CONSTRUCTION NOTE	EXISTING	NEW
UTILITY NOTE	EX. 24" S.D.	C-1
BITUMINOUS CONCRETE PAVING	EX. 8" SAN.	U-1
CONCRETE PAVING	EX. 12" W.	(Symbol)
CURB AND GUTTER		
STORM DRAIN		
SANITARY		
WATER		
PARKING SPACE AMOUNT		

SUBDIVISION NAME THE JUNCTION INDUSTRIAL PARK	SECT./AREA V1	LOT/PARCEL 'B-2'
PLAT # 6178	BLOCK # 1B	ZONE M-2
TAX/ZONE 48	ELEC. DIST. 8	CENSUS TR. 8084
WATER CODE C04	SEWER CODE 4020000	
APPROVED: FOR PUBLIC WATER AND SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>John Nemy</i> DIRECTOR DATE 5-22-87		
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>William R. O'Connell</i> COUNTY HEALTH OFFICER DATE 5/25/87		
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING <i>Thomas J. Hamill</i> PLANNING DIRECTOR DATE 5-27-87		
APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION <i>John G. Lewis</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 5-27-87		

SD-1

4-13-87	1	RELOCATE MANHOLE S-1
DATE NO. REVISION		
THE JUNCTION INDUSTRIAL PARK		
6th ELECTION DISTRICT, HOWARD CO. MD. 21057 SECTION 1 AREA 1		
PARCEL 'B-2'		
TITLE: LAYOUT AND UTILITY PLAN		
OWNER: FIRE-MAK SPRINKLER SYSTEMS, INC. 3107 LORENA AVENUE BALTIMORE, MARYLAND 21230		
ENGINEERS: HITNEY CONSULTING ENGINEERS E AILEY E OX E AGNANI 1850 York Road Timonium Md. 21093 301-252-6060		
DATE: 1/27/87	DESIGNED: J.L.B.	
	DRAWN: J.L.B.	
	CHECKED: P.D.	
	PROJECT NO.: 88299	
	DATE: Dec. 1, 1986	
	SCALE: 1"=30'	
	DRAWING NO. 1 OF 5	
SDP-87-110		



PERMANENT SEEDING NOTES

APPLY TO GRADED OR C-CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDING 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:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. 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.).
- 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 PESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY TALL PESCUE PER ACRE AND 2 LBS. PER ACRE (.05/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 15 THRU FEBRUARY 15, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE 500. OPTION (3) SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL PESCUE AND MULCH WITH 2 TONS/ACRE WELLS ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNWEEDED 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 3-8 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE DISTURBED WHERE A SHORT TERM VEGETATIVE COVER IS NEEDED.

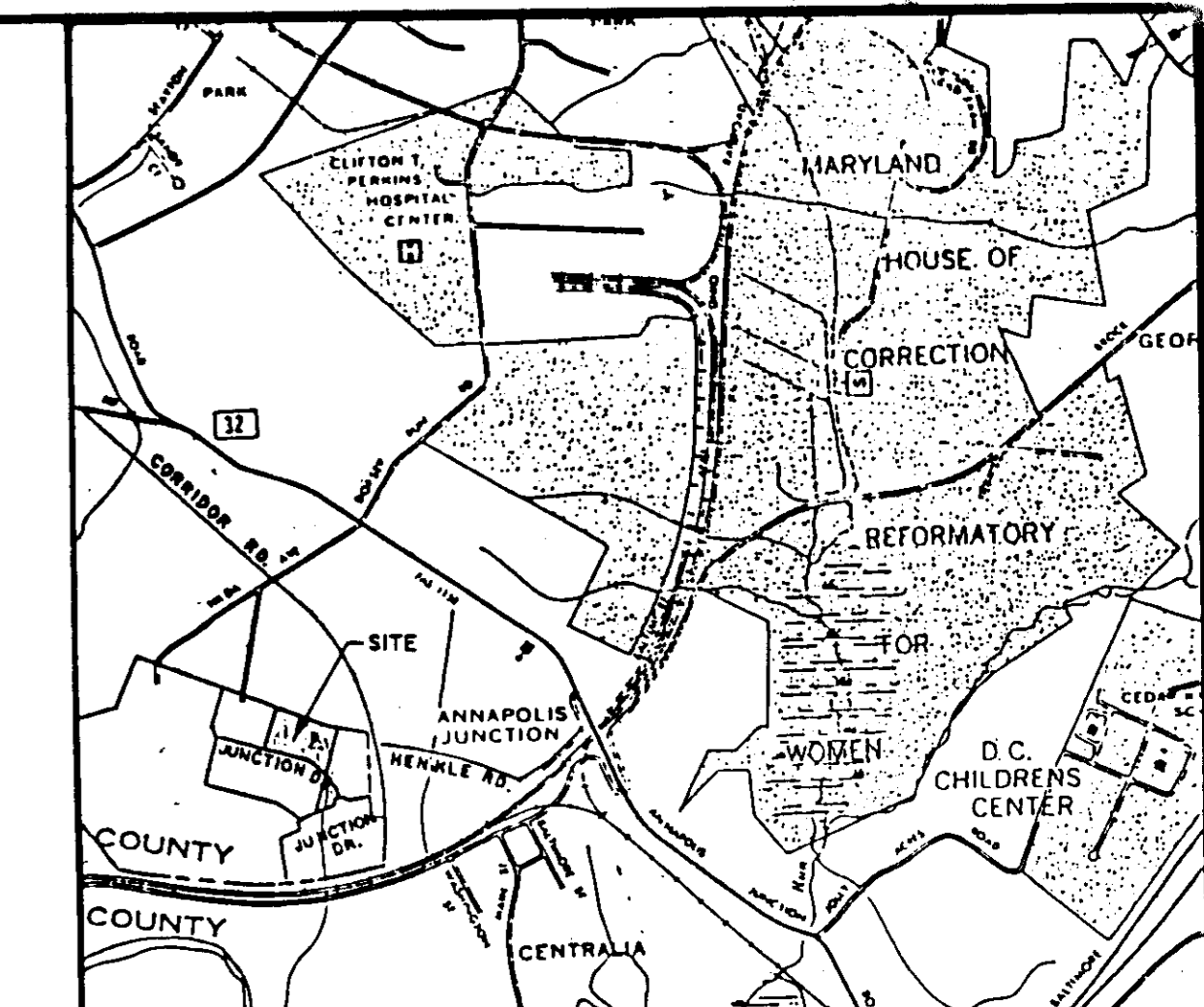
SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AUGUST 15 THRU NOVEMBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ. FT.). FOR THE PERIOD OF MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. OF WEEPING LOVEGRASS (37 LBS./1000 SQ. FT.). FOR THE PERIOD OF NOVEMBER 15 THRU FEBRUARY 15, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELLS ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNWEEDED 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 3-8 GALLONS 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.



- GENERAL NOTES**
- REFER TO 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN.
 - WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, MINOR FIELD ADJUSTMENTS CAN AND WILL BE MADE TO INSURE THE CONTROL OF ANY SEDIMENTATION CHANGES IN SEDIMENT CONTROL PRACTICES REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
 - AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL PRACTICES WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) SEVEN CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN HORIZONTAL TO 1 VERTICAL (3:1); AND B) FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ANY CHANGE TO THE GRADING PROPOSED ON THIS PLAN REQUIRES RESUBMISSION TO HOWARD COUNTY SOIL CONSERVATION DISTRICT FOR APPROVAL.
 - DUST CONTROL WILL BE PROVIDED FOR ALL DISTURBED AREAS. REFER TO 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, PAGE 82-83 AND 83-84 FOR ACCEPTABLE METHODS AND SPECIFICATIONS FOR DUST CONTROL.
 - ANY VARIATION FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE HOWARD COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE INITIATION OF THE CHANGE.

SEQUENCE OF OPERATIONS

NO.	DESCRIPTION	TIME OF COMPLETION
1.	OBTAIN GRADING PERMIT.	
2.	NOTIFY HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS (992-2437) A MINIMUM OF 48 HOURS PRIOR TO THE START OF ANY WORK.	2 DAYS
3.	INSTALL STABILIZED CONSTRUCTION ENTRANCE.	1 DAY
4.	MINOR CLEANING AND GRADING OPERATION FOR CONSTRUCTION OF SEDIMENT CONTROL MEASURES.	3 DAYS
5.	INSTALL SILT FENCE (AFTER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND STABILIZED, THE CONTRACTOR SHALL MAINTAIN ALL MEASURES ON A DAILY BASIS).	1 WEEK
6.	CLEAR AND ROUGH GRADE REMAINDER OF SITE.	1 WEEK
7.	INSTALL STORM DRAIN SYSTEM, AND CONSTRUCT BUILDING.	3 MONTHS
8.	REMAINING SITE WORK.	1 MONTH
9.	SEED AND MULCH ALL DISTURBED AREAS OUTSIDE OF THE BUILDING AND PAVED AREAS, UNLESS DIRECTED OTHERWISE ON THE PLANS.	1 WEEK
10.	WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES AND STABILIZE REMAINING AREAS.	1 WEEK

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-30-87
Ms/STW

REVIEWED FOR **HOWARD COUNTY** S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
James M. Hahn 5-19-87
 U.S. SOIL CONSERVATION SERVICE DATE
Stephen L. Jank 4/19/87
 HOWARD COUNTY ENGINEER DATE

- SEDIMENT CONTROL NOTES**
- 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).
 - 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.
 - 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.
 - 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.
 - ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOO (SEC. 54), TEMPORARY SEEDING (SEC 50) AND MULCHING (SEC. 52).
 - 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.
 - SITE ANALYSIS:

TOTAL AREA OF SITE	3.614 ACRES
AREA DISTURBED	2.025 ACRES
AREA TO BE LOOPED OR PAVED	1.18 ACRES
TOTAL CUT	1,555 CU. YD.
TOTAL FILL	1,249 CU. YD.
OPPOSITE WASTE/STORMWATER AREA LOCATION	
 - ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY, BY THE HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR.

PLAN
 SCALE: 1" = 30'

OWNERS/DEVELOPERS CERTIFICATION
 "I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATION OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."
J. MacGowan 1/24/86
 301-525-2566
 307 Lorena Ave
 BALTIMORE, MD

RESPONSIBLE PERSONNEL CERTIFICATION
 "I/WE HEREBY CERTIFY 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 EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT."
Philip Dep 4/15/86
 1550 YORK RD
 BALTIMORE, MD 21073
 352-6060

LEGEND

	EXISTING	NEW
FINISHED GRADE	---208---	---208---
FINISHED SPOT ELEVATION		203+60
STABILIZED CONSTRUCTION ENTRANCE		
CURB AND GUTTER		
STORM DRAIN	EX. 24" S.D.	
SANITARY	EX. 8" SAN.	
WATER	EX. 12" W.	
SILT FENCE		
DRAINAGE DELINEATION AREA		

APPROVED: FOR PUBLIC WATER AND SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Wm. E. Nemy 5-21-87
 STREET ENGINEER DATE
W. E. Nemy 5-21-87
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John H. ... 5/20/87
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
James P. ... 5-27-87
 PLANNING DIRECTOR DATE
James P. ... 5-27-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

SD-2

DATE	NO.	REVISION

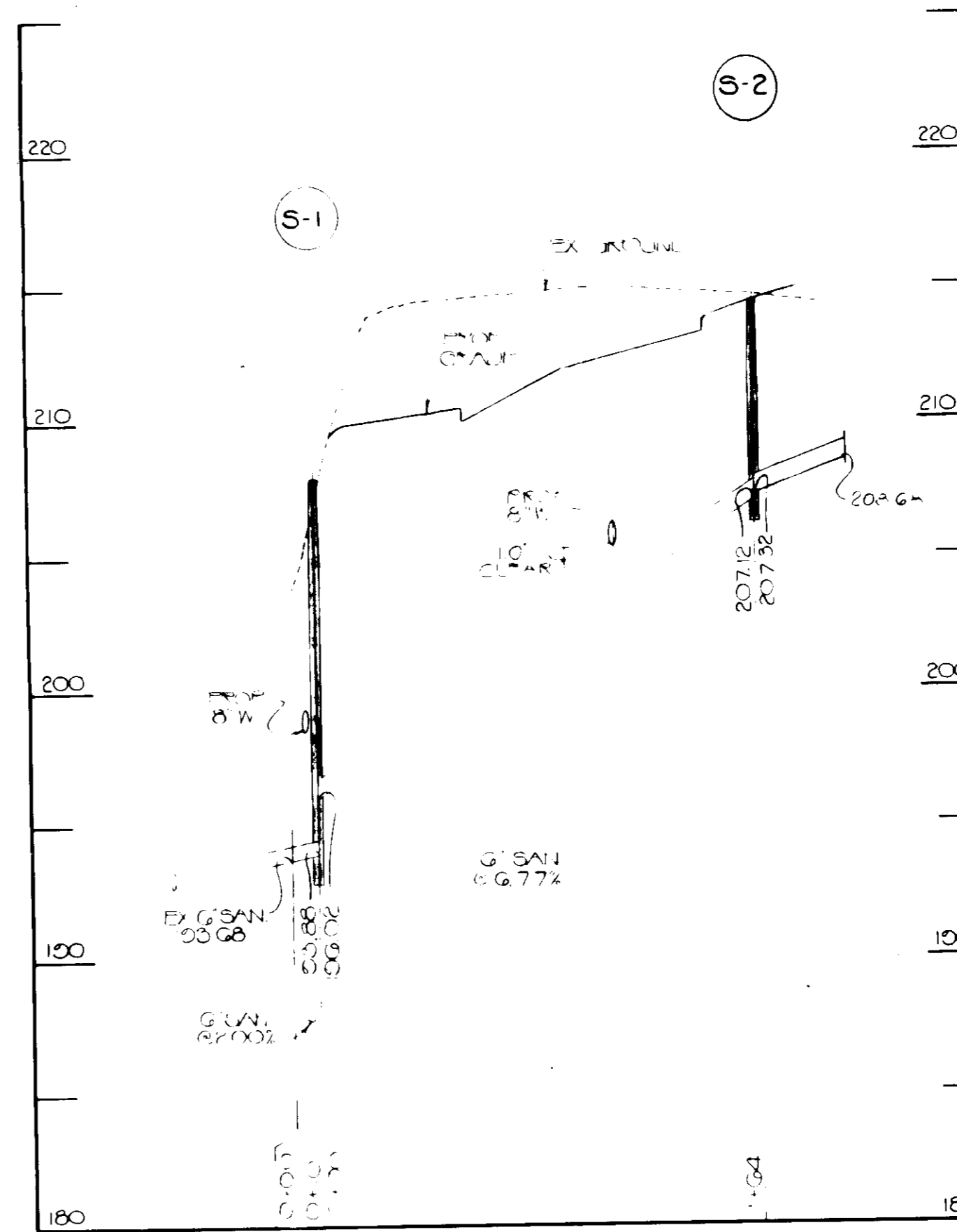
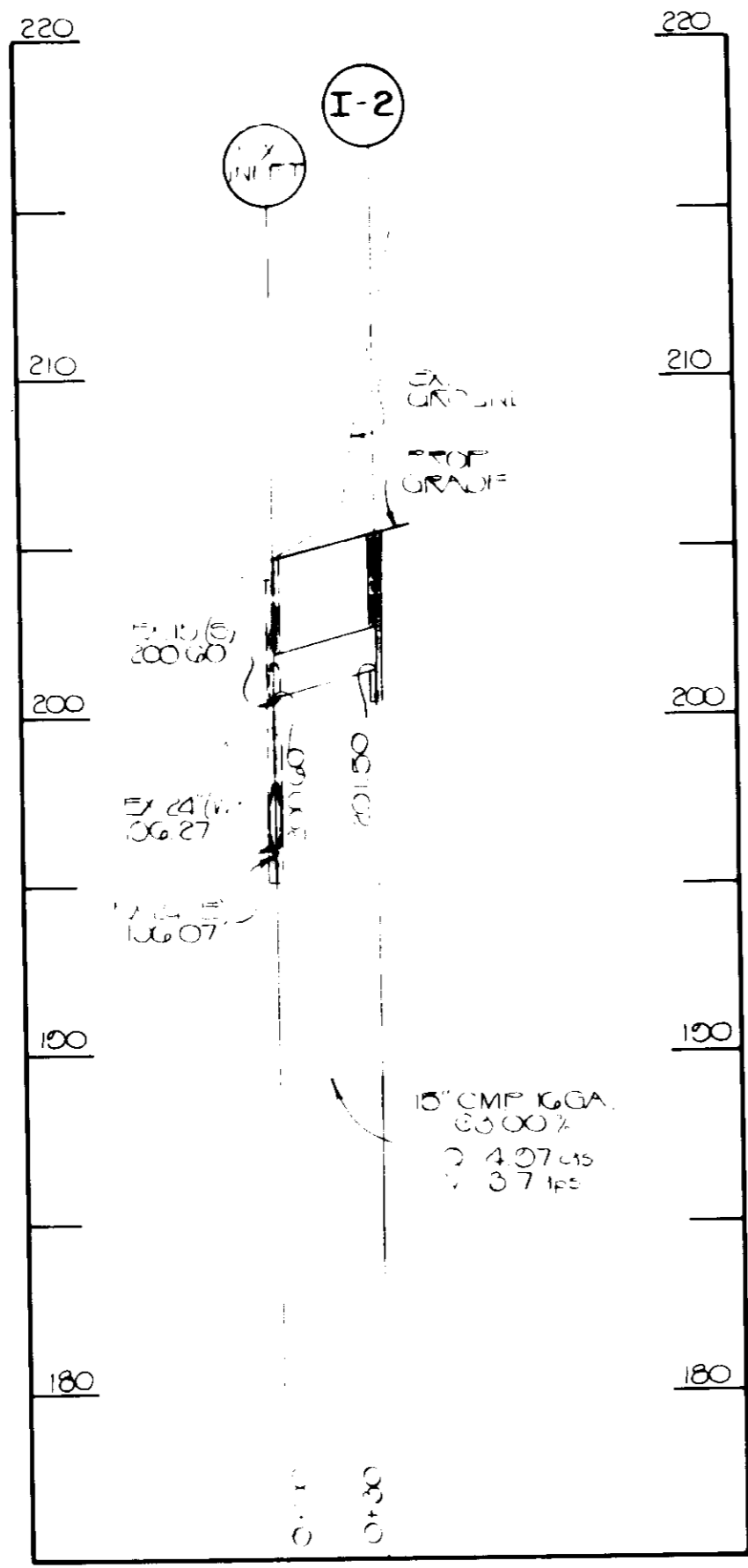
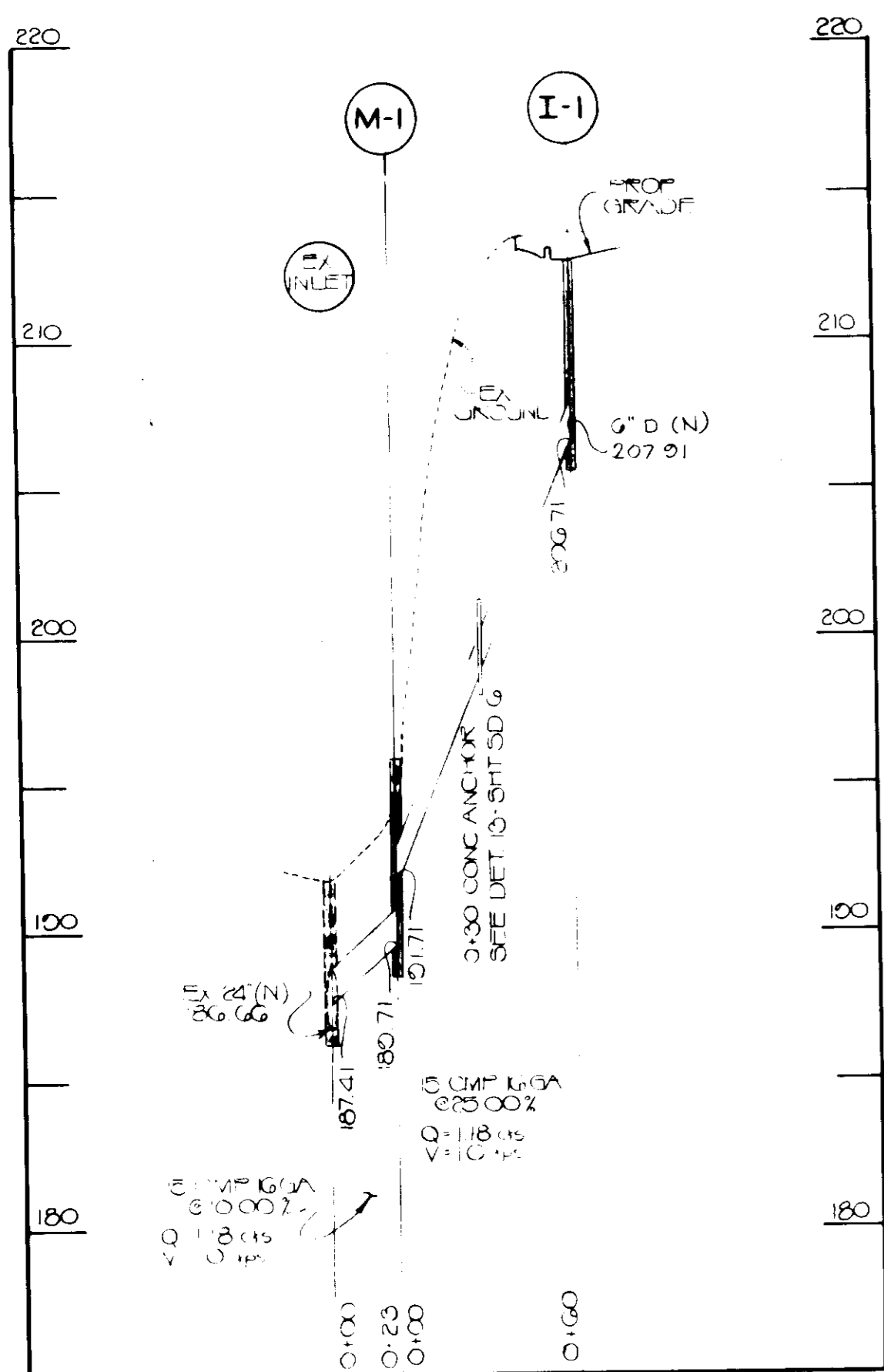
THE JUNCTION INDUSTRIAL PARK
 8th ELECTION DISTRICT, HOWARD CO. MD. 21057
 SECTION 1 AREA 1
 PARCEL 'B-2'

TITLE: GRADING & SEDIMENT CONTROL PLAN & DRAINAGE AREAS

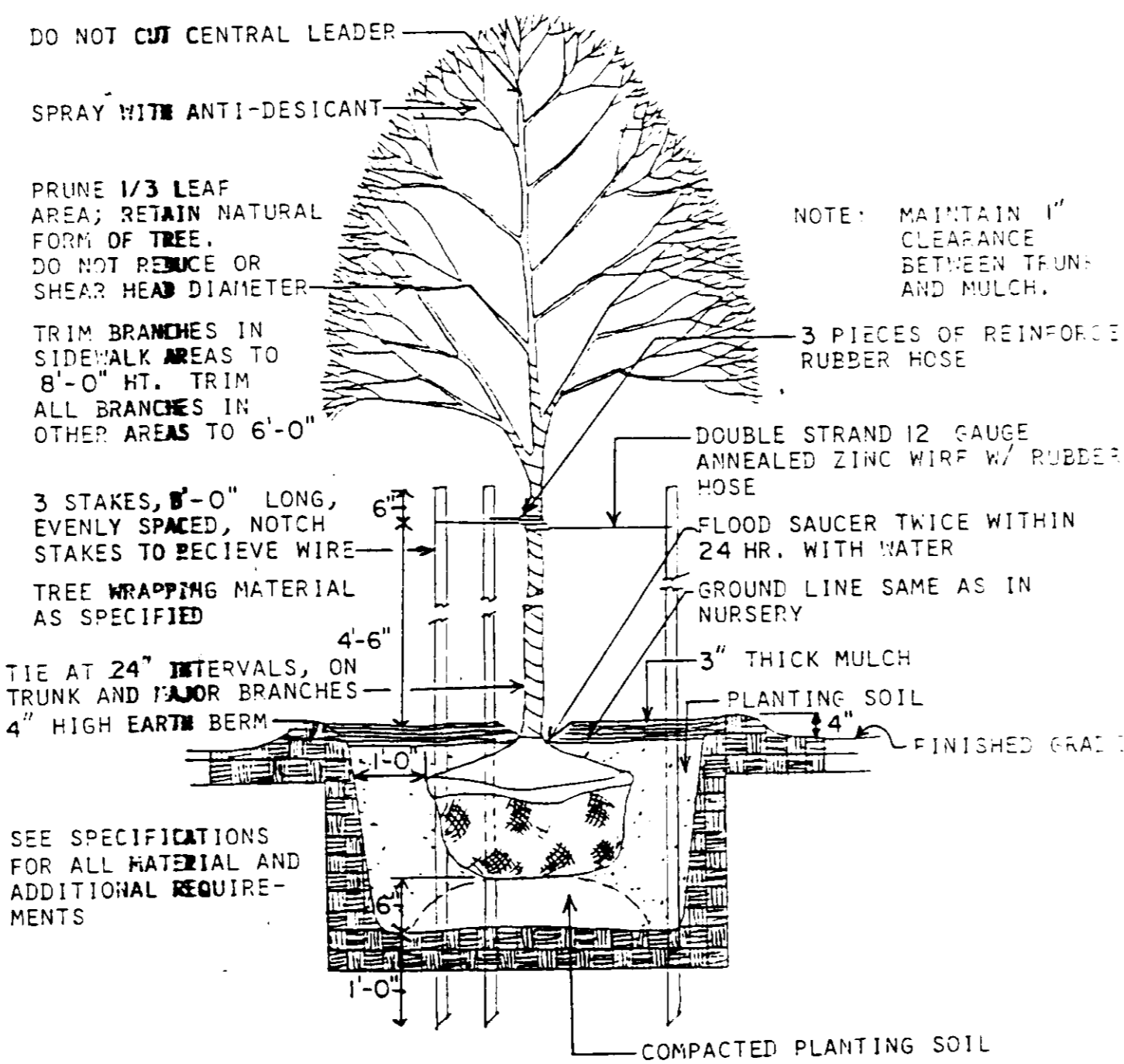
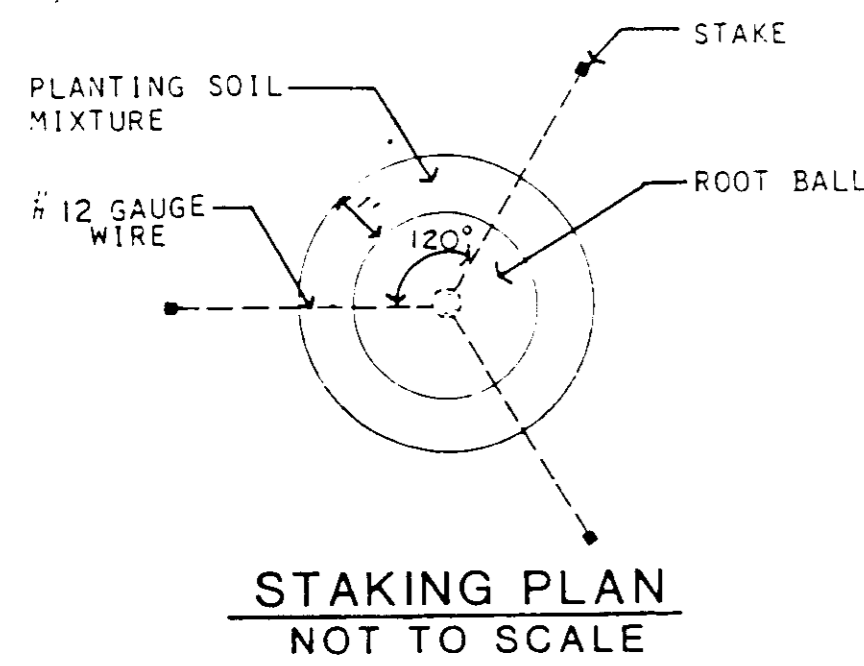
OWNER: FIRE-MAK SPRINKLER SYSTEMS, INC.
 3107 LORENA AVENUE
 BALTIMORE, MARYLAND 21230

ENGINEERS: HITREY CONSULTING ENGINEERS
 1850 YORK ROAD
 TIMONLUM MD. 21093
 J. AILEY
 J. FOX
 M. AGNANI
 301-252-6060

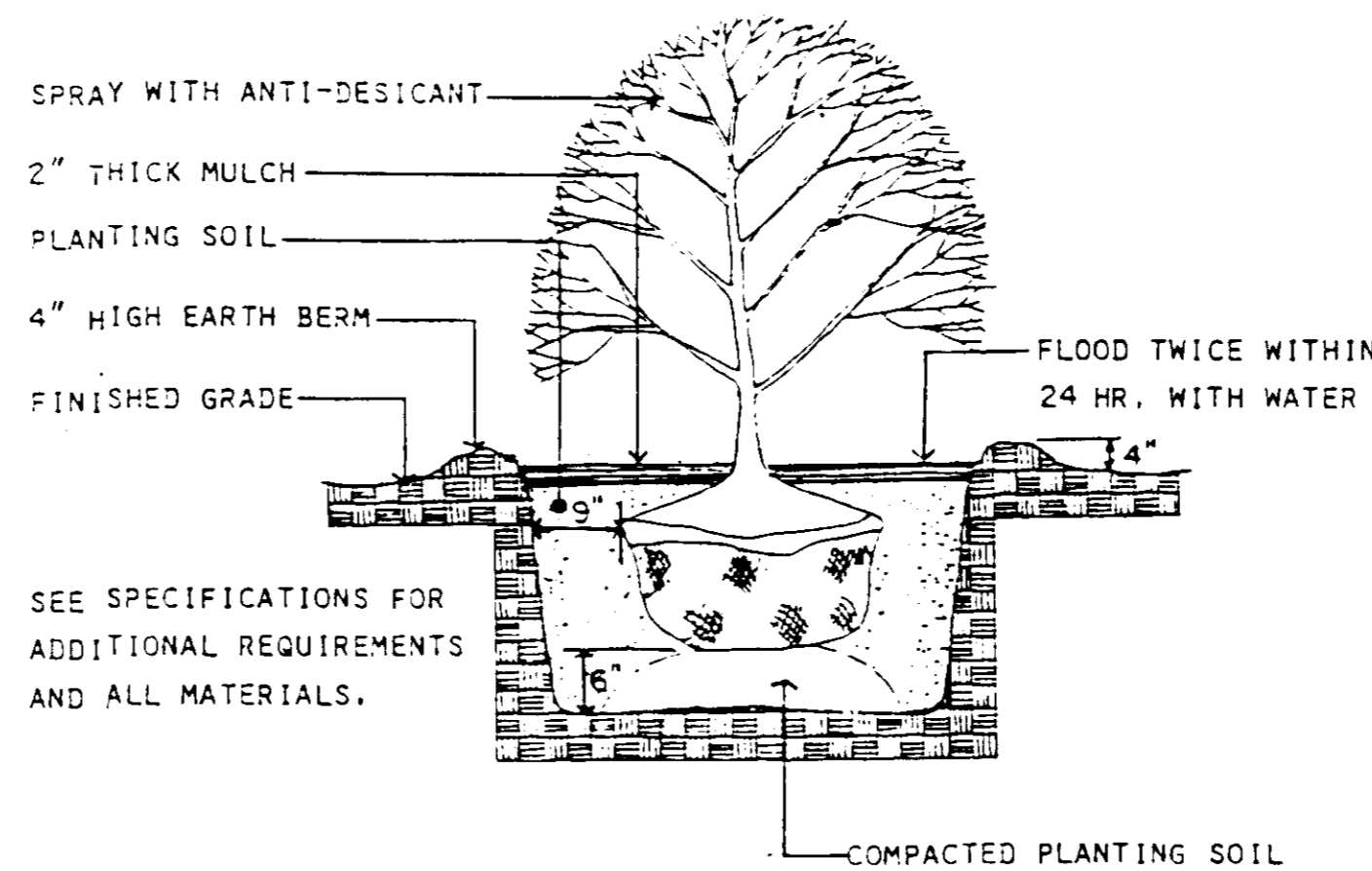
DATE: 2/11/87
DESIGNED: J.L.B.
DRAWN: J.L.B.
CHECKED: P.D.
PROJECT NO.: 86209
DATE: DEC. 1, 1986
SCALE: 1"=30'
DRAWING NO. 2 OF 5
SDP-87-10



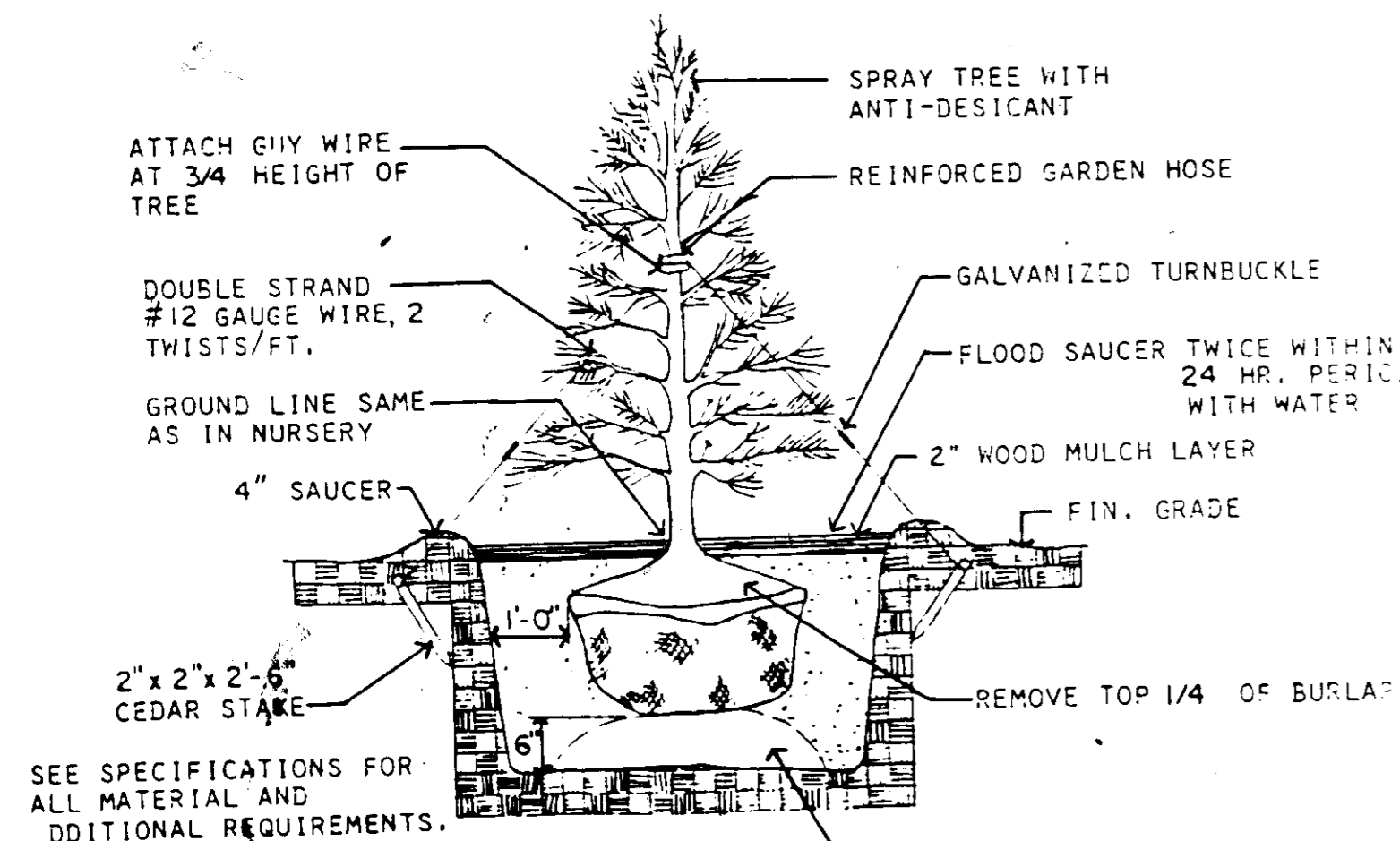
STRUCTURE SCHEDULE				
NO.	TYPE	INVERT IN	INVERT OUT	TOP ELEV.
I-1	TYPE 3 18\"/>			
I-2	TYPE 15\"/>			
M-1	TYPE A 18\"/>			
S-1	TYPE A 18\"/>			
S-2	STANDARD 18\"/>			



TREE PLANTING DETAIL
NOT TO SCALE



SHRUB PLANTING DETAIL
NOT TO SCALE



EVERGREEN TREE DETAIL
NOT TO SCALE

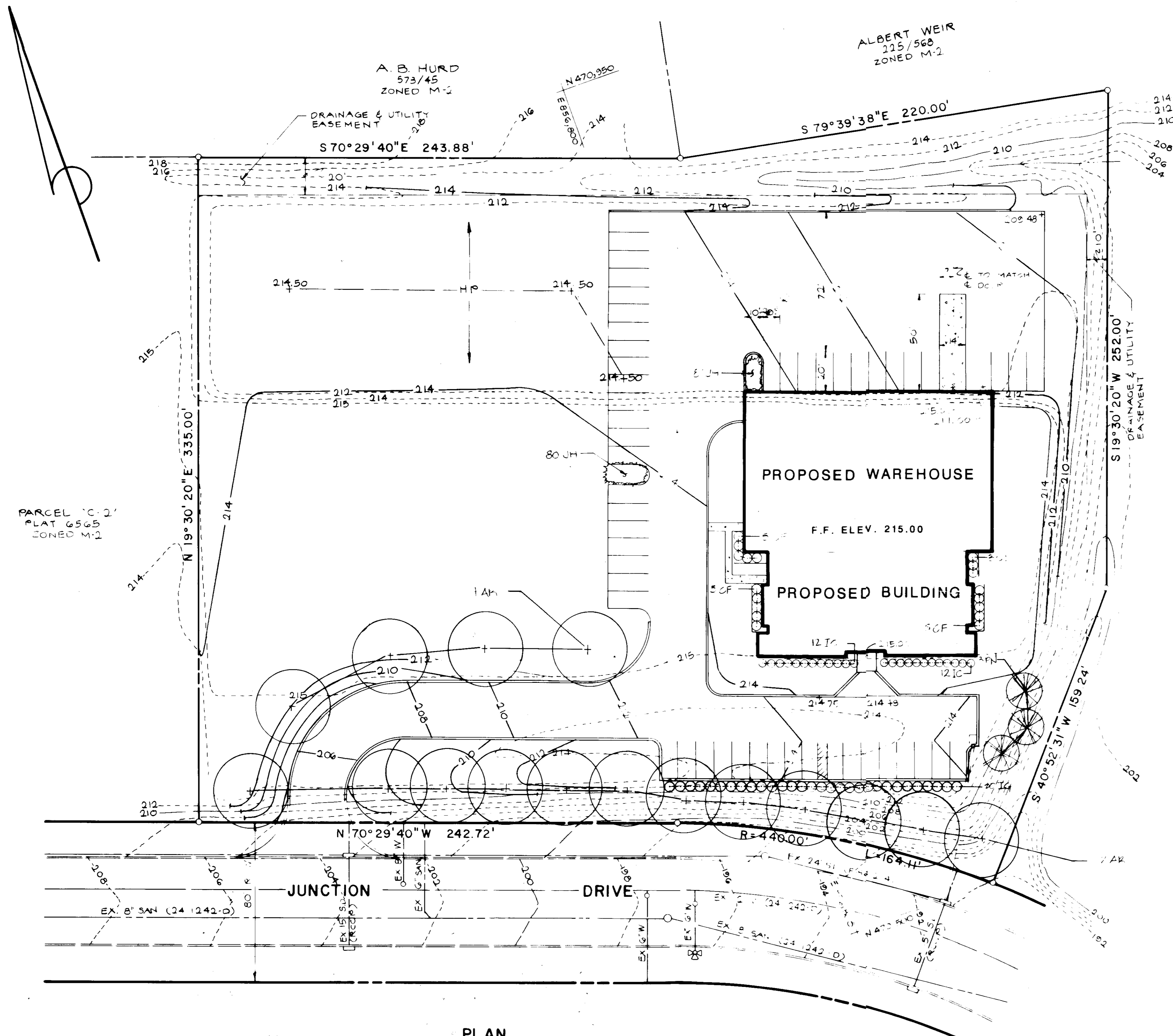
APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-30-87
M/LP

SD-3

SUBDIVISION NAME THE JUNCTION INDUSTRIAL PARK		SECT./AREA 1/1	LOT/PARCEL "B-2"
PLAT # 678	BLOCK # 19	ZONE M-2	TAX/ZONE MAP 48
ELEC. DIST. 6		CENSUS TR. 8084	
WATER CODE CO 4		SEWER CODE 4020000	
APPROVED: FOR PUBLIC WATER AND SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS			
Director: [Signature]		DATE: 5-22-87	
Chief, Bureau of Engineering: [Signature]		DATE: 5-21-87	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS			
County Health Officer: [Signature]		DATE: 5/25/87	
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING			
Planning Director: [Signature]		DATE: 5-21-87	
Chief, Division of Land Development and Zoning Administration: [Signature]		DATE: 5-21-87	

DATE	NO.	REVISION
THE JUNCTION INDUSTRIAL PARK 6th ELECTION DISTRICT, HOWARD CO. MD. 21087 SECTION 1 AREA 1 PARCEL "B-2"		
TITLE: PROFILES AND DETAILS		
OWNER: FIRE-MAK SPRINKLER SYSTEMS, INC. 3107 LORENA AVENUE BALTIMORE, MARYLAND 21230		
ENGINEERS: HITNEY CONSULTING ENGINEERS AILEY FOX MAGNANI 1850 York Road Timonium Md. 21093 301-252-6060		
DATE: 7/11/87	DESIGNED: J.L.B.	
DRAWN: M.E.W.		CHECKED: P.D.
PROJECT NO.: 88289		
DATE: DECEMBER 1, 1986		
SCALE: 1"=30'		
DRAWING NO.: 3 OF 5		
PROFESSIONAL ENGR. NO. 19972		

SDP-87-110



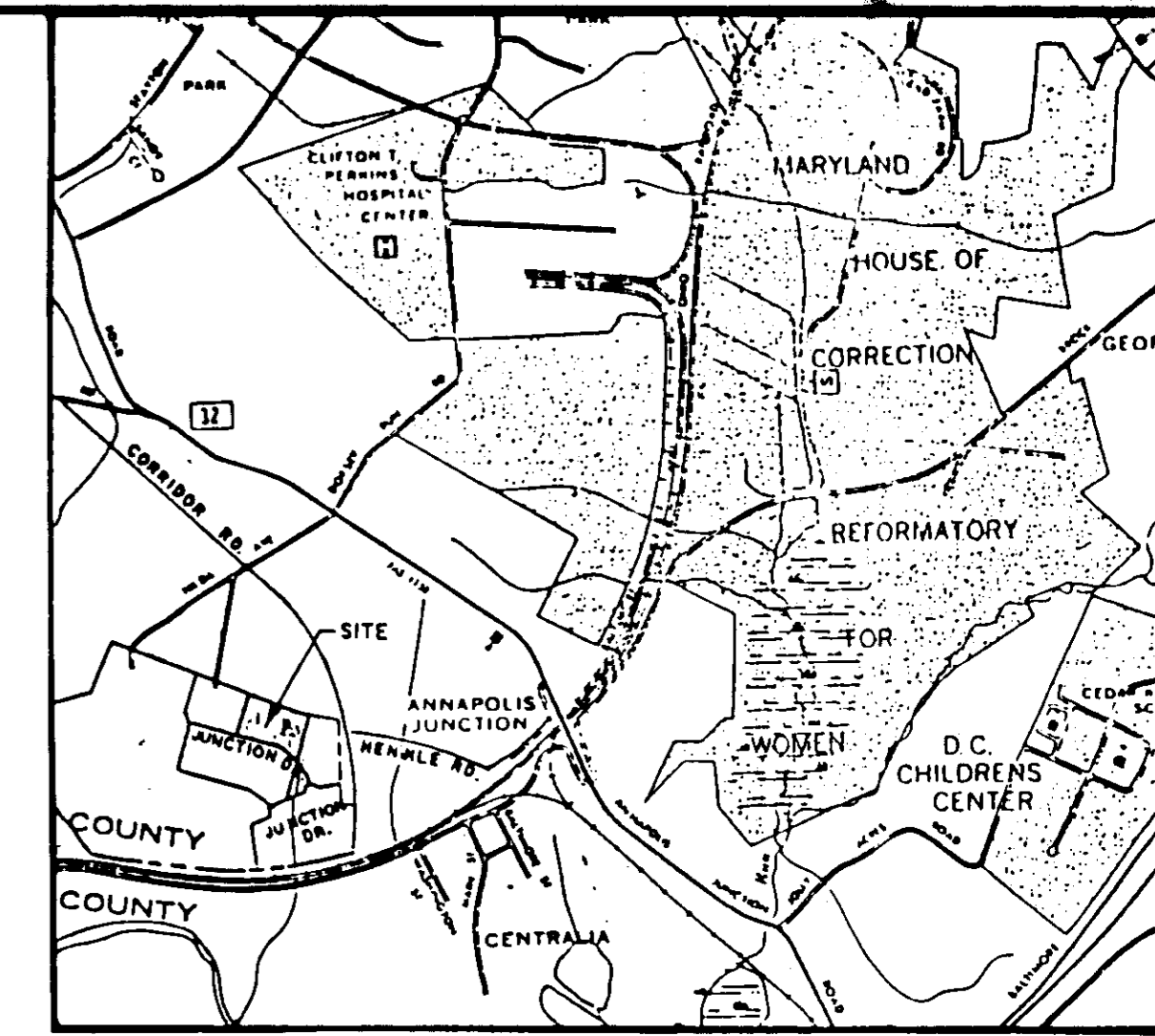
PARCEL 'C-2'
PLAT 6565
ZONED M-2

PARCEL 'A-1'
PLAT 2372
ZONED M-2

PLAN
SCALE 1" = 30'

GENERAL PLANTING 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 WITH PLANT MATERIAL OF IDENTICAL TYPE, SIZE AND CONDITION 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 TO AVOID CONFLICTS WITH UTILITIES. COORDINATE WITH UTILITY CONTRACTOR TO VERIFY 'AS BUILT' LOCATION OF ALL UTILITIES.
4. EVERGREEN TREES SHALL HAVE A FULL, WELL-BRANCHED, CONICAL FORM TYPICAL OF THE SPECIES



VICINITY MAP
1" = 2000'

PLANT LIST

KEY	QTY	BOTANICAL NAME/ COMMON NAME	SIZE	ROOT	REMARKS
AR	2	ACER RUBRUM/ RED MAPLE	2 1/2" CAL	B&B	
PN	3	PINUS NIGRA/ ALBERTIAN PINE	6" E	B&B	
CF	18	CALLYCANTHUS FLORIDUS/ COMMON SWEETSHRUB	14" D	CONT.	
IG	30	ILEX GLABRA/ HAWKBIT	3" D	CONT. OR B&B	PLANT 5' OC
IC	24	ILEX CRENATA COMPACTA/ IMPACT JAPANESE HOLLY	18" D	CONT.	PLANT 4' OC
JH	100	JUNIPERUS HORIZONTALIS BLUE RUG/ BLUE RUG JUNIPER	6" D	CONT.	PLANT 18" OC

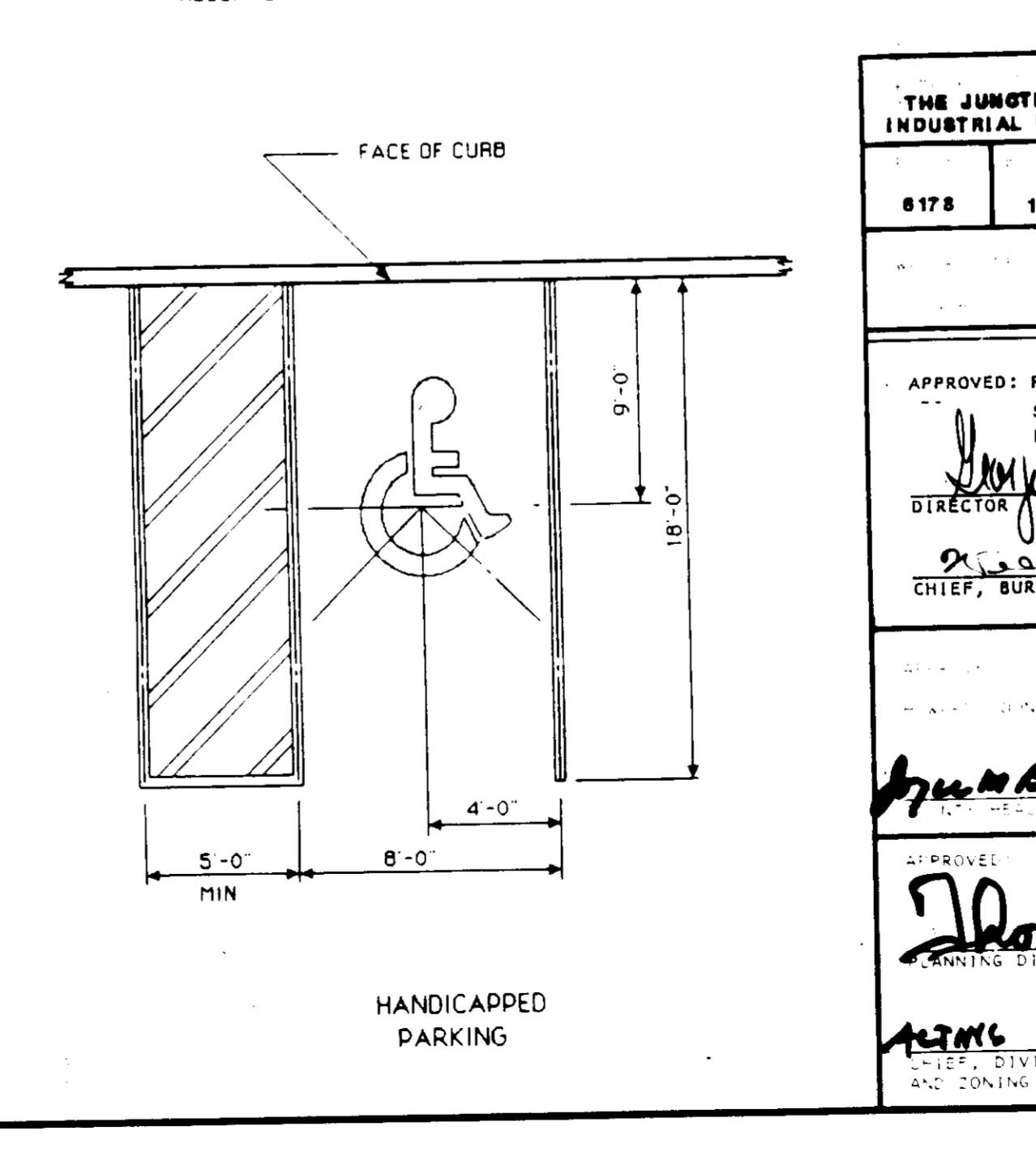
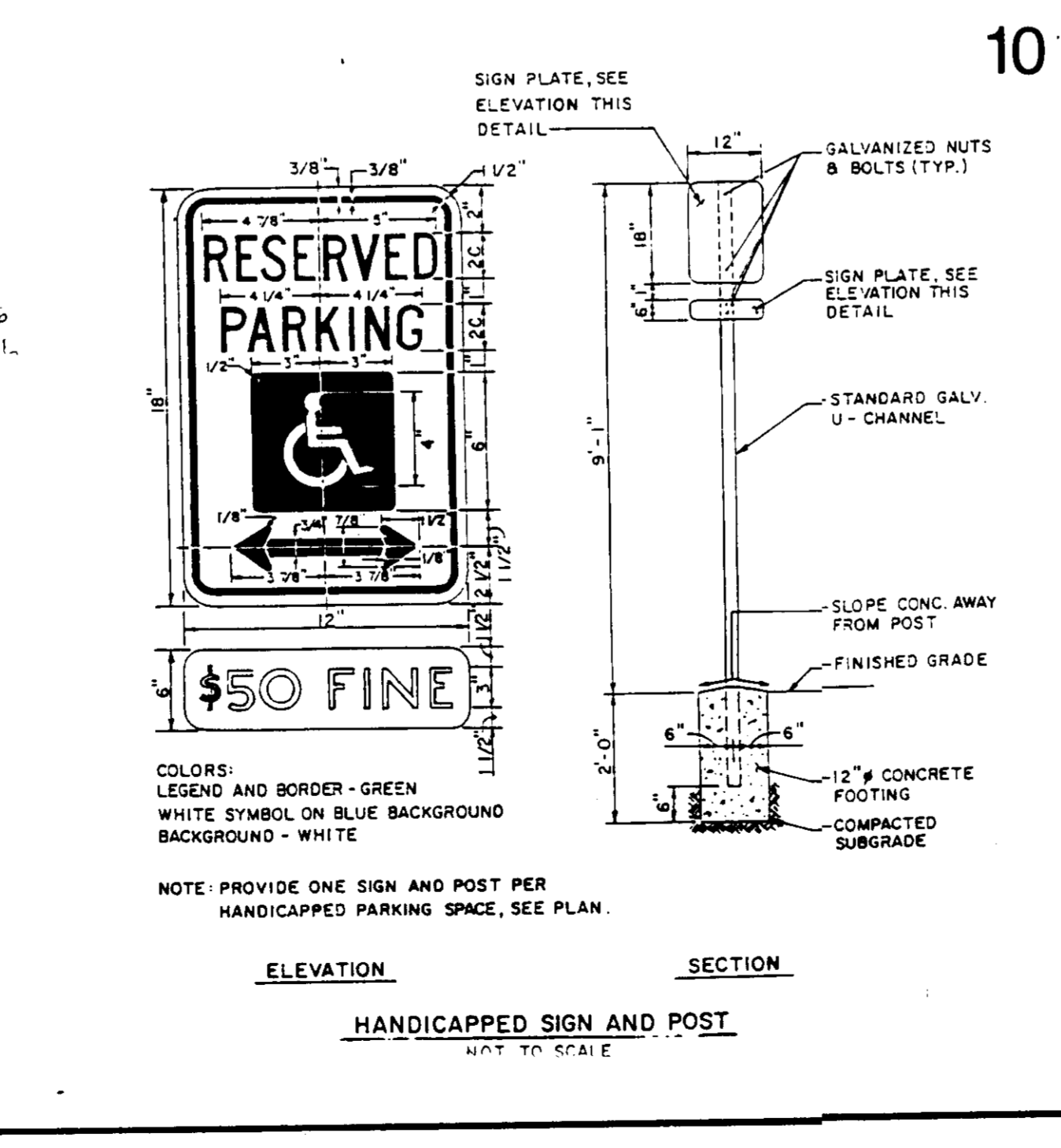
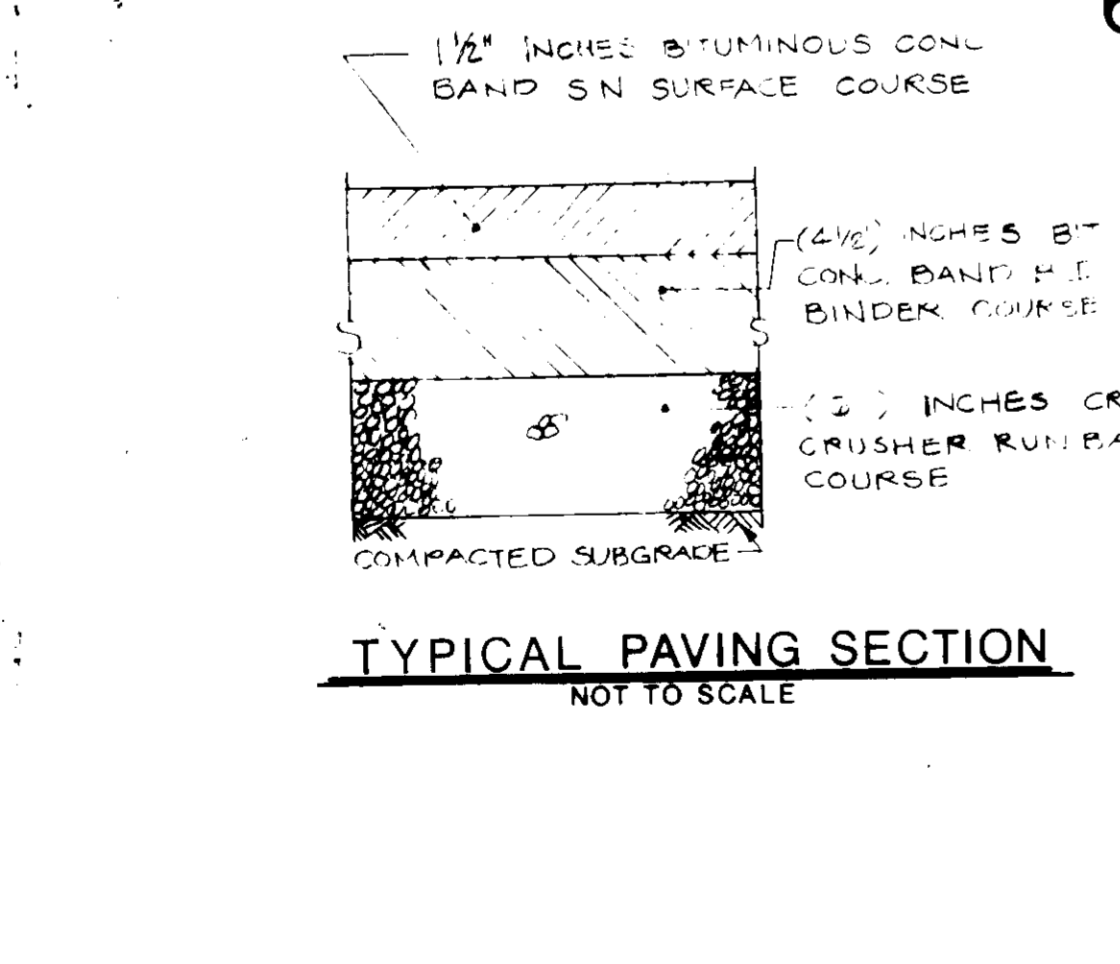
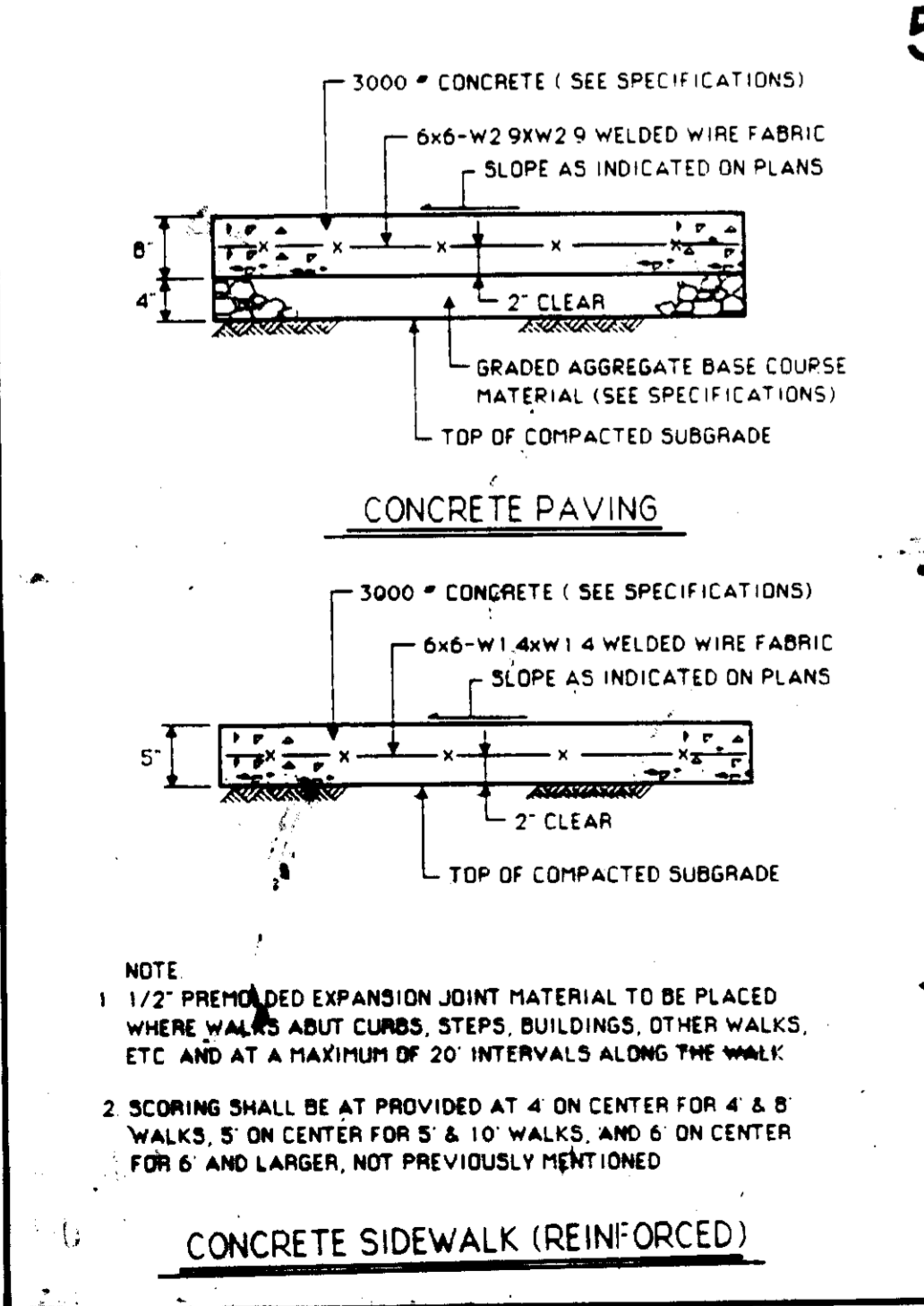
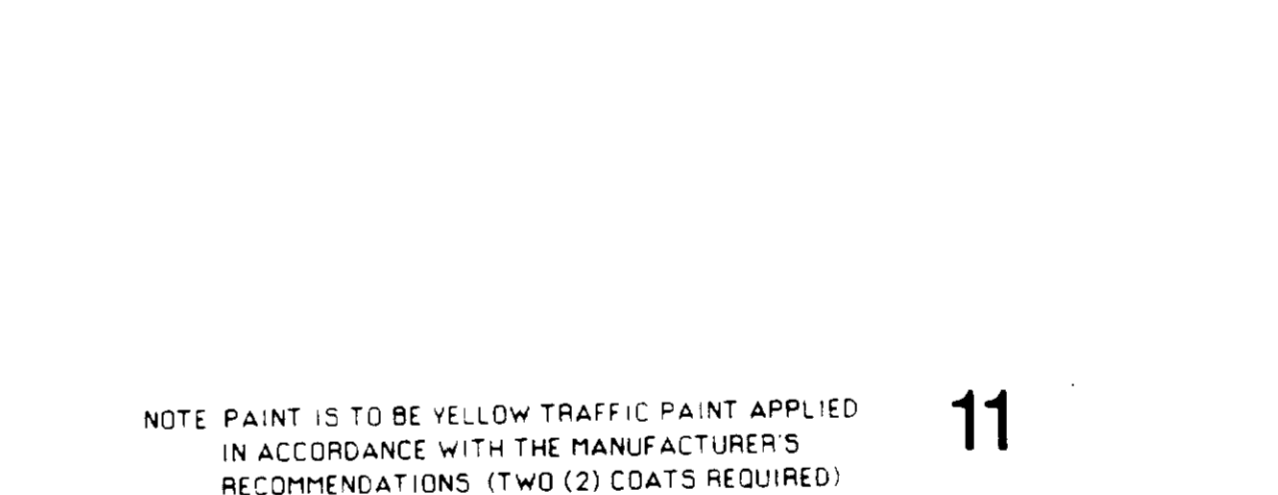
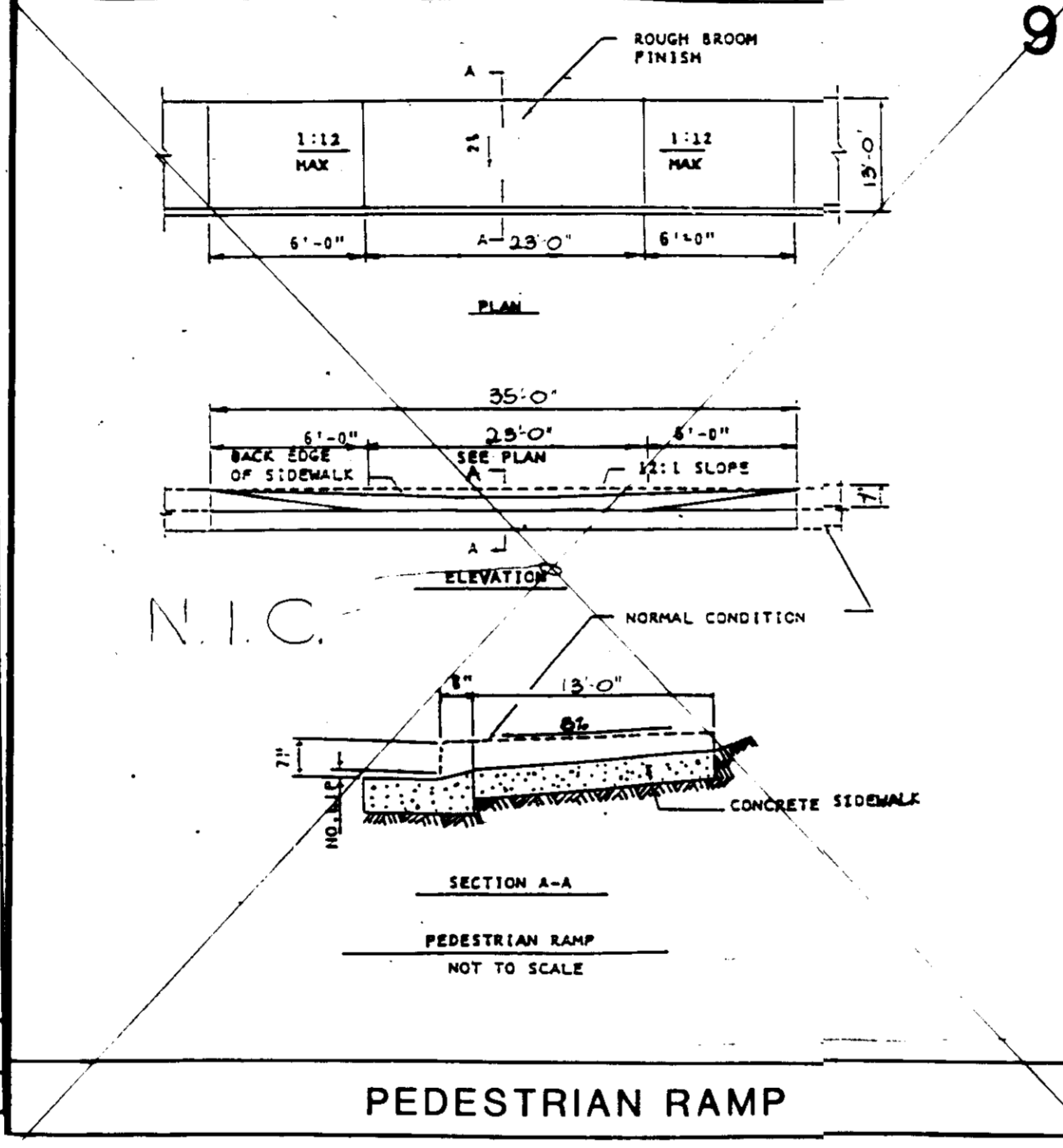
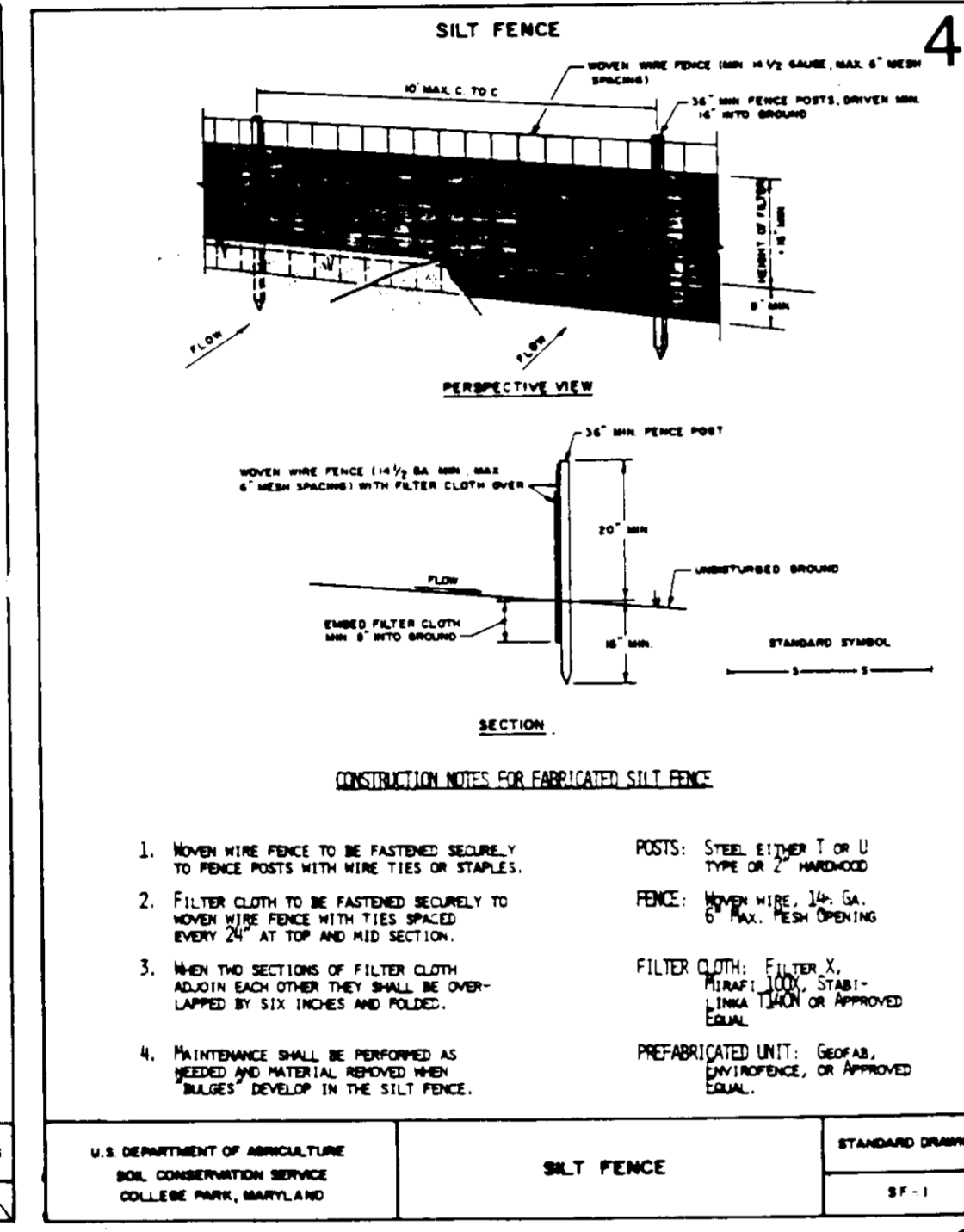
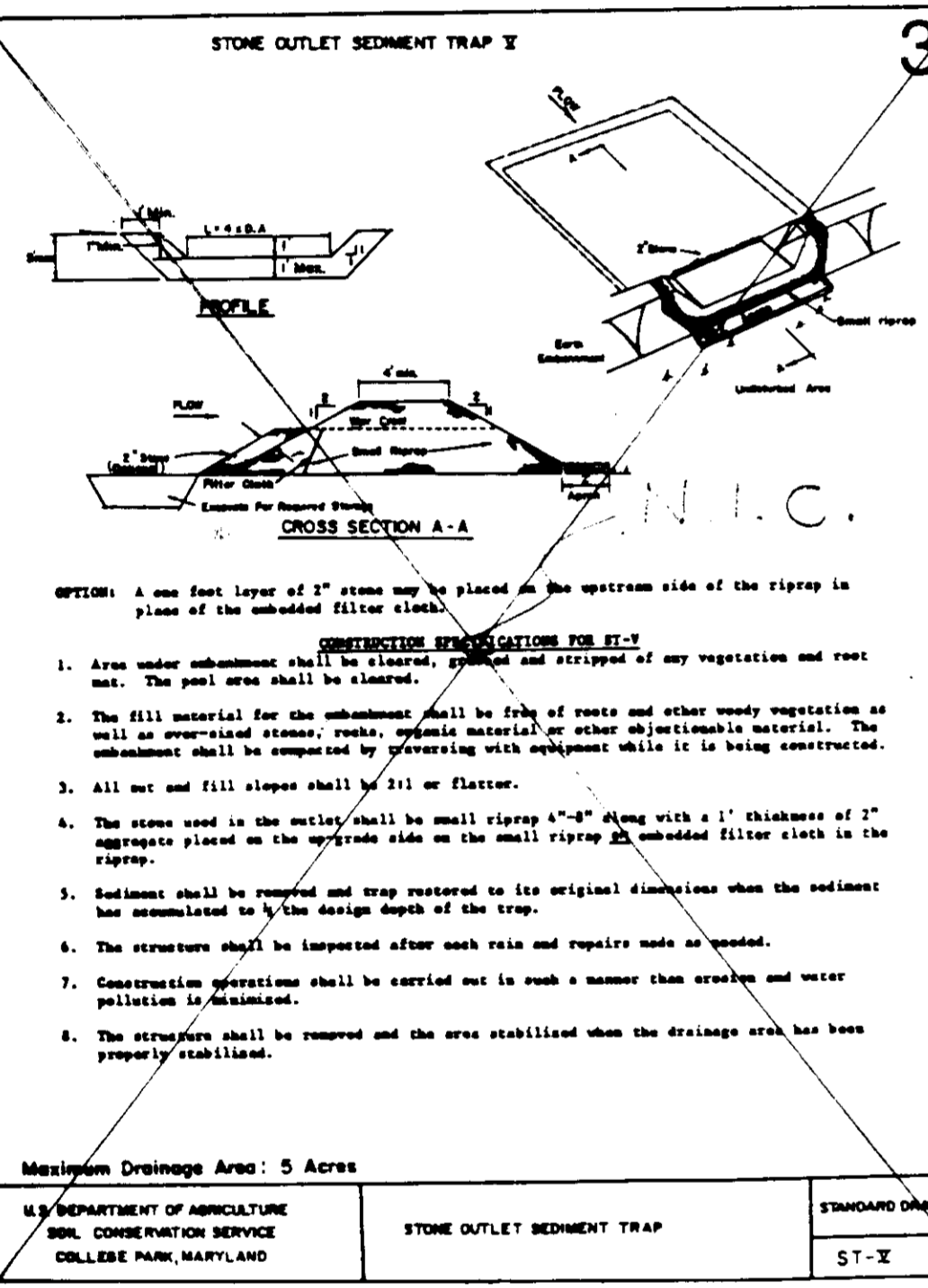
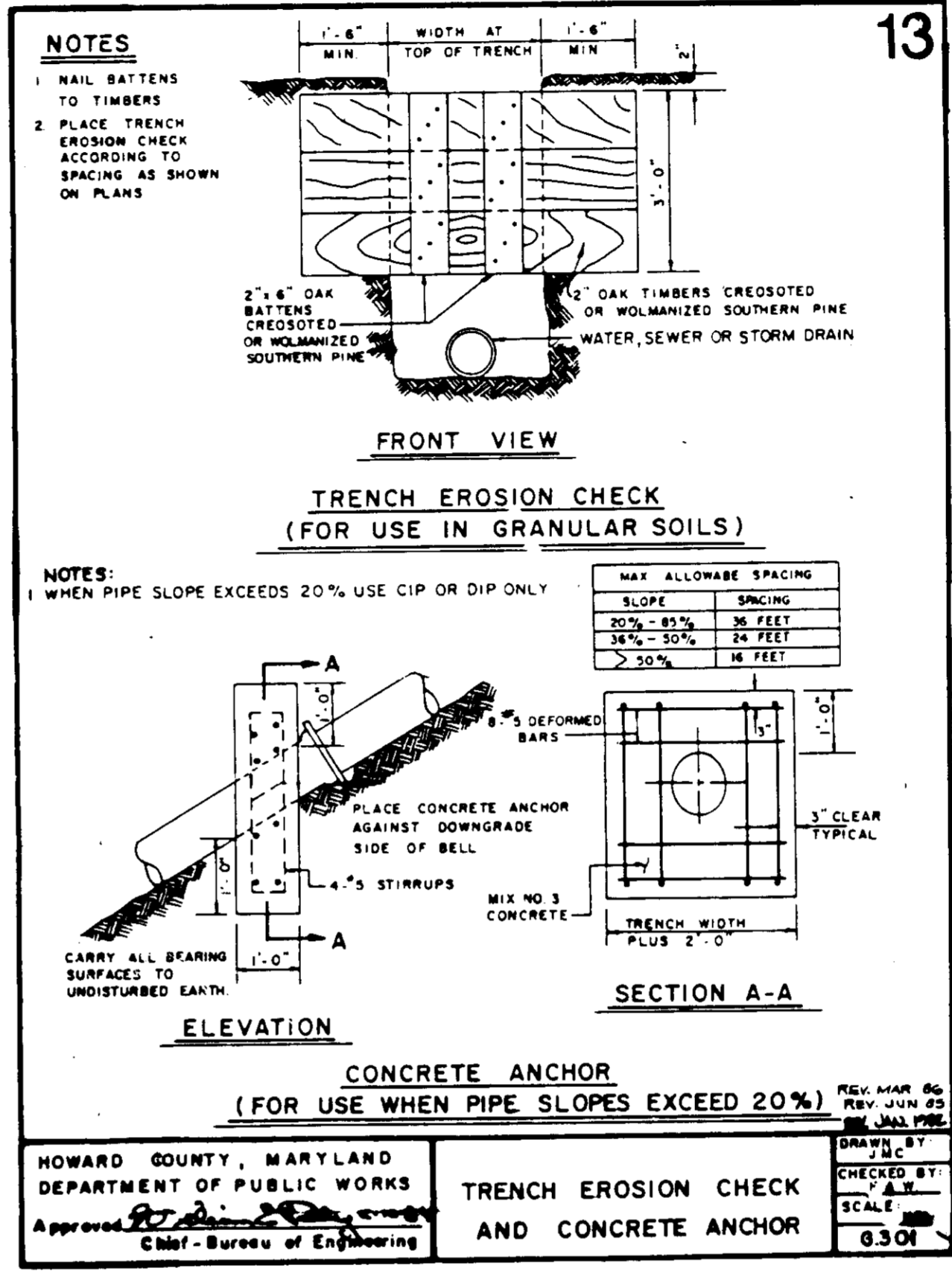
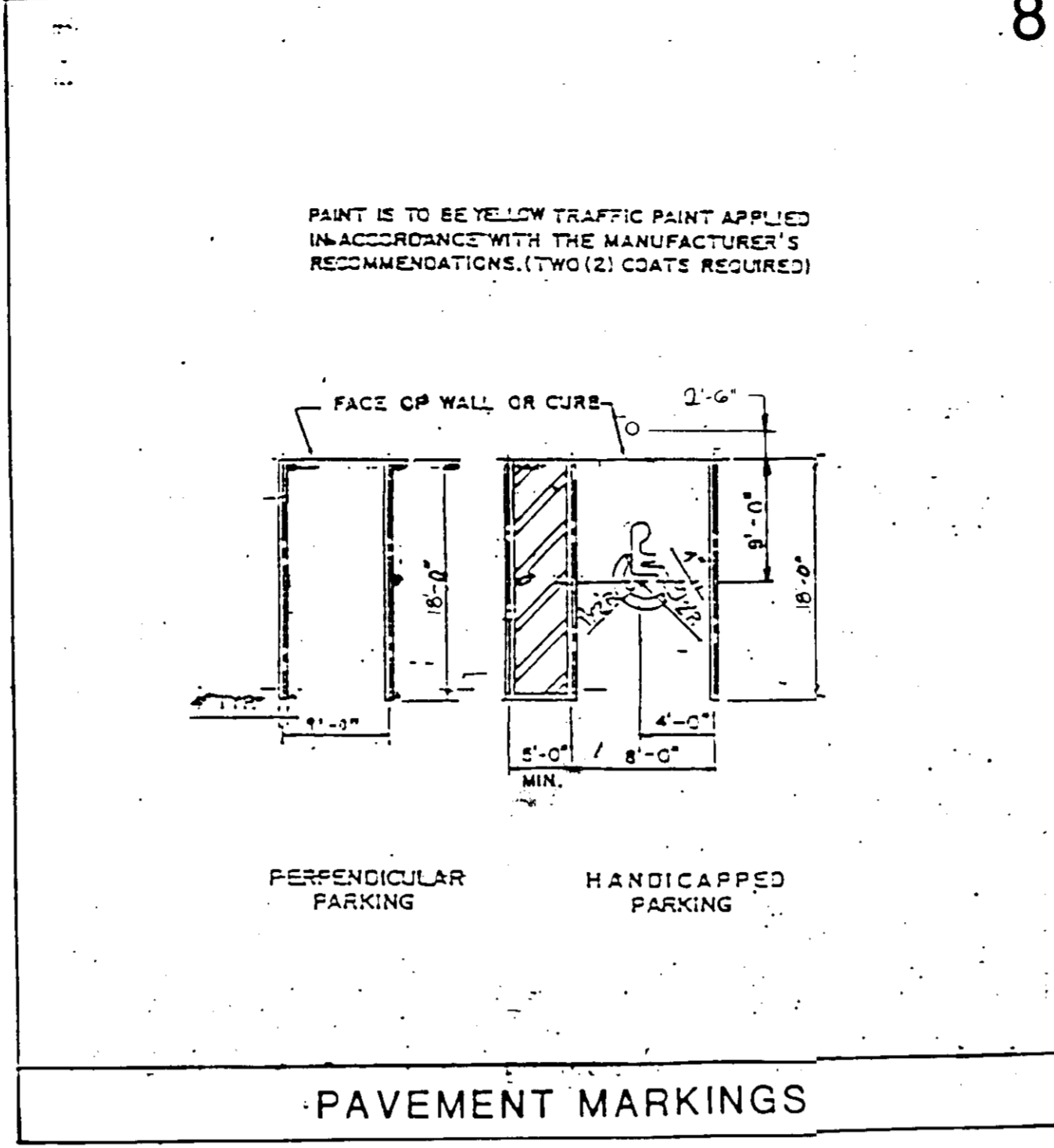
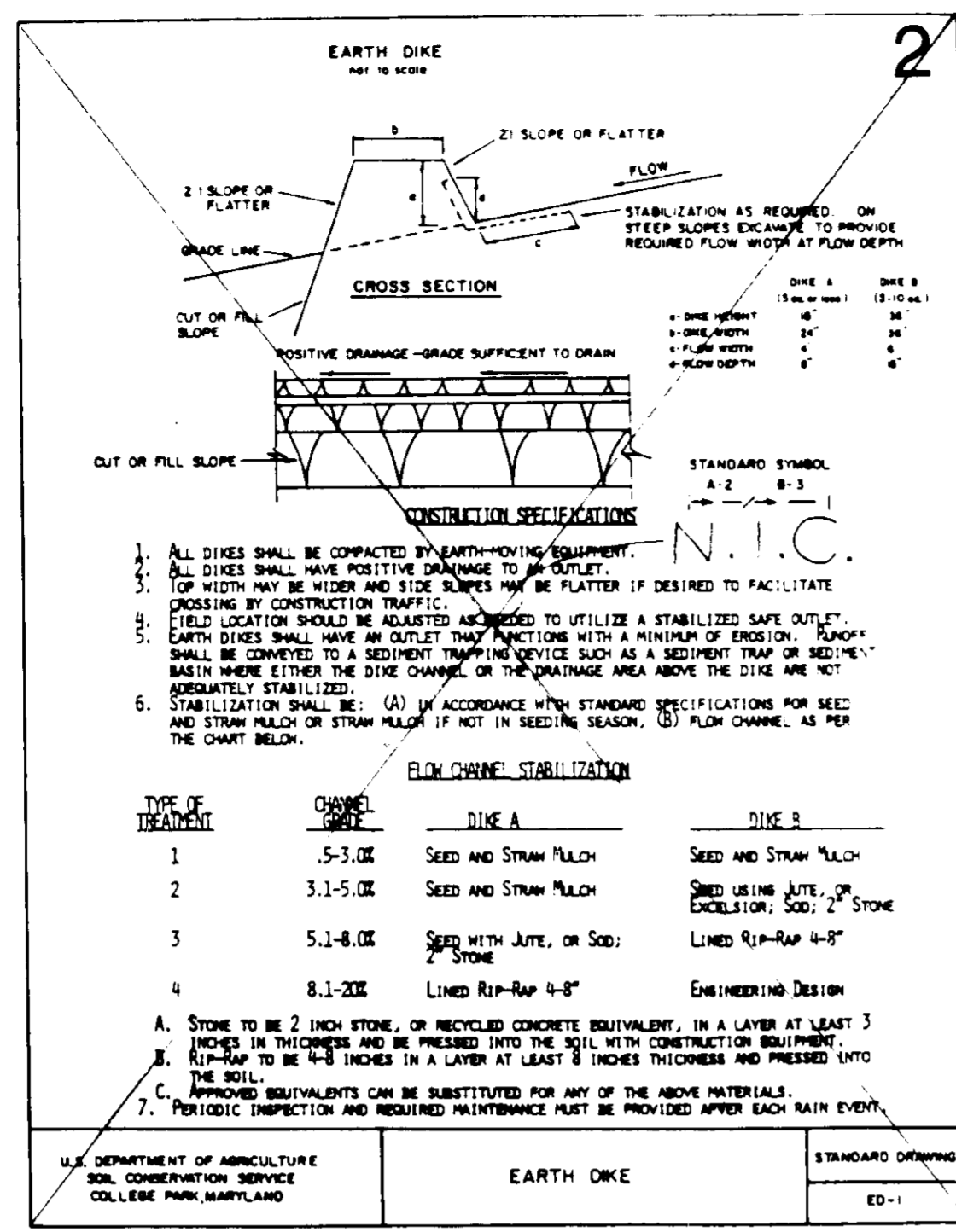
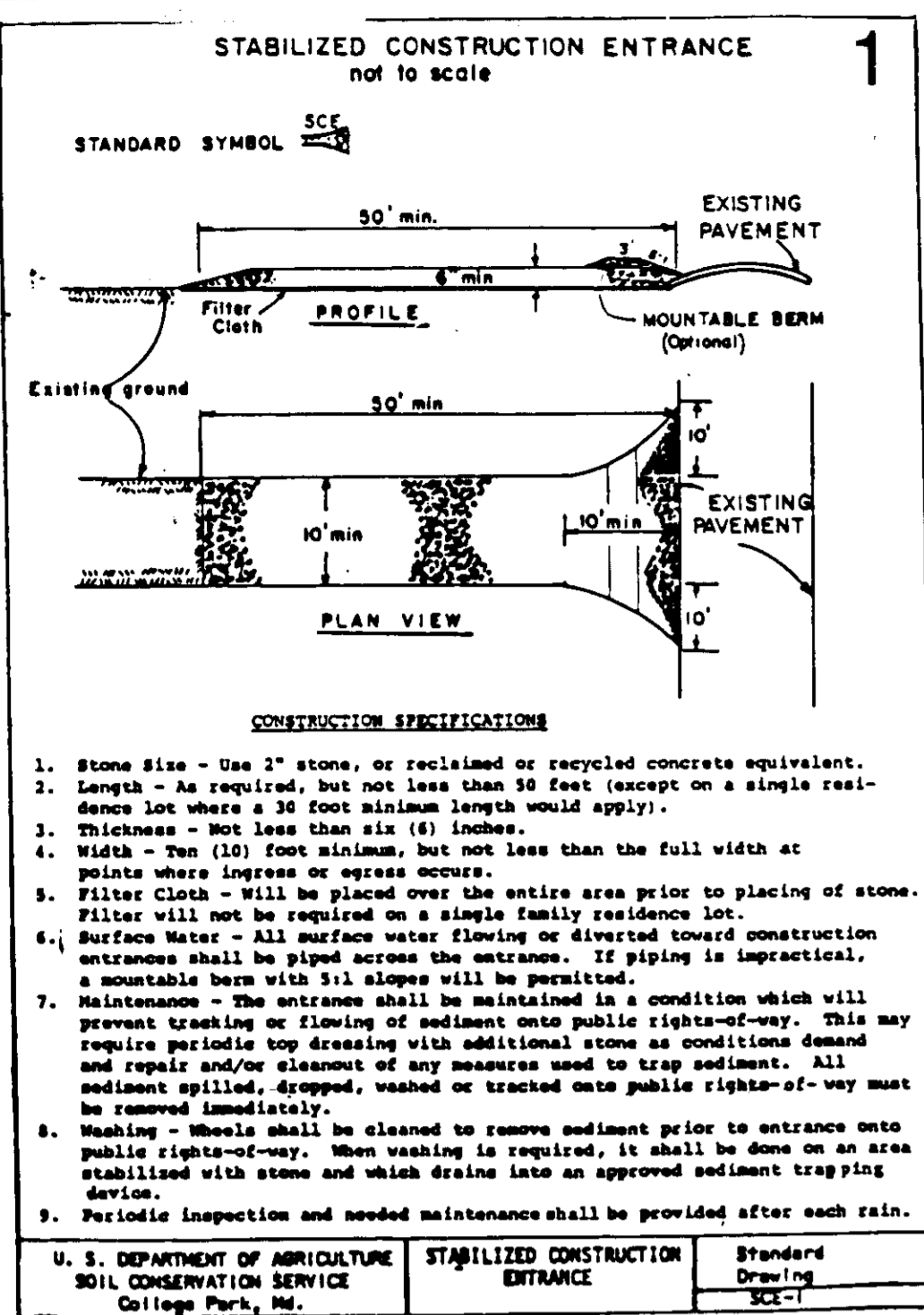
NOTE: FOR PLANTING DETAILS, SEE SHEET SD-3

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 1-30-87
MA/STP

SD-4

SUBDIVISION NAME THE JUNCTION INDUSTRIAL PARK		SECT./AREA M-1	LOT/PARCEL 'B-2'
PLAT # 8178	BLOCK # 19	ZONE M-2	TAX/ZONING MAP 48
ELEC. DIST. 6		CENSUS TR. 8084	
WATER CODE C04		SEWER CODE 4020000	
APPROVED: FOR PUBLIC WATER AND SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DIRECTOR: <i>[Signature]</i> DATE: 5-22-87			
CHIEF, BUREAU OF ENGINEERING: <i>[Signature]</i> DATE: 5-21-87			
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS COUNTY HEALTH OFFICER: <i>[Signature]</i> DATE: 5/22/87			
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING PLANNING DIRECTOR: <i>[Signature]</i> DATE: 5-27-87			
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: <i>[Signature]</i> DATE: 5-27-87			

DATE	NO.	REVISION
THE JUNCTION INDUSTRIAL PARK 6TH ELECTION DISTRICT, HOWARD CO. MD. 21057 SECTION 1 AREA 1 PARCEL 'B-2'		
TITLE: PLANTING PLAN		
OWNER: FIRE-MAK SPRINKLER SYSTEMS, INC. 3107 LORENA AVENUE BALTIMORE, MARYLAND 21230		
ENGINEERS: WHITNEY CONSULTING ENGINEERS 1850 York Road Timonium Md. 21093 301-252-6060		
DATE:	DESIGNED:	BY:
2/1/87	5.B.	R.C.B.
	DRAWN:	P.D.
	CHECKED:	P.D.
	PROJECT NO.:	88209
	DATE:	DEC. 1, 1986
	SCALE:	1"=30'
	DRAWING NO.:	4 OF 5



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-30-87
[Signature]

DATE	NO.	REVISION

THE JUNCTION INDUSTRIAL PARK
8TH ELECTION DISTRICT, HOWARD CO. MD. 21087
SECTION 1 AREA 1
PARCEL 'B-2'

TITLE: MISCELLANEOUS DETAILS

OWNER: FIRE-MAK SPRINKLER SYSTEMS, INC.
3107 LORENA AVENUE
BALTIMORE, MARYLAND 21286

ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI
CONSULTING ENGINEERS
1850 YORK ROAD
TIMONIUM, MARYLAND 21093
301-282-8060

DATE: 2/11/87

DESIGNED: J.L.B.
DRAWN: J.L.B.
CHECKED: P.D.
PROJECT NO.: 86200
DATE: DEC. 1, 1986
SCALE: AS NOTED
DRAWING NO.: E OF 5

PROFESSIONAL ENGR. NO. SDP-87-110

DATE NO. REVISION

THE JUNCTION INDUSTRIAL PARK
8TH ELECTION DISTRICT, HOWARD CO. MD. 21087
SECTION 1 AREA 1
PARCEL 'B-2'

TITLE: MISCELLANEOUS DETAILS

OWNER: FIRE-MAK SPRINKLER SYSTEMS, INC.
3107 LORENA AVENUE
BALTIMORE, MARYLAND 21286

ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI
CONSULTING ENGINEERS
1850 YORK ROAD
TIMONIUM, MARYLAND 21093
301-282-8060

DATE: 2/11/87

DESIGNED: J.L.B.
DRAWN: J.L.B.
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PROJECT NO.: 86200
DATE: DEC. 1, 1986
SCALE: AS NOTED
DRAWING NO.: E OF 5

PROFESSIONAL ENGR. NO. SDP-87-110

SD-5