

SITE DATA

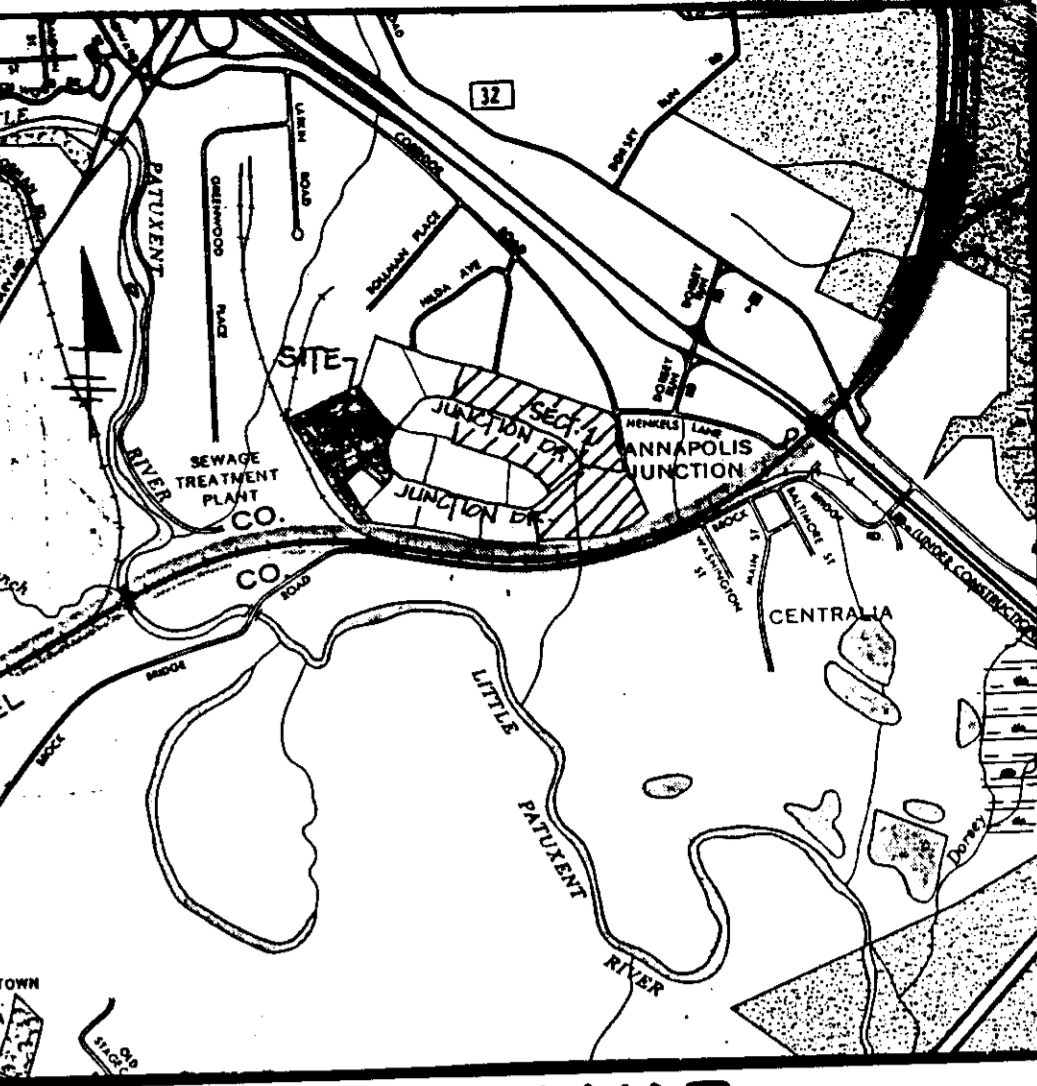
AREA: 15.4 A TOTAL PARCEL L: 6.75 A
 ZONING: M-2 PARCEL M: 8.45 A
 ELECTION DISTRICT: 6TH

OPEN SPACE DATA (PARCEL)

TOTAL AREA = 8,457.0 AC = 368,426 SQ. FT.
 BUILDING & PAVING = 252,780 SQ. FT.
 OPEN SPACE = 115,646 SQ. FT.
 PAVED AREA = 110,960 SQ. FT.
 REQUIRED LANDSCAPE ISLAND AREA = 5% OR 554.9 SQ. FT.
 PROVIDED LANDSCAPE ISLAND AREA = 74% OR 281,501 SQ. FT.
 BUILDING COVERAGE = 38% OR 140,000 SQ. FT.

PARKING DATA (PARCEL M)

80% OFFICE 80% WAREHOUSE
 REQUIRED: 100 OFFICE EMPLOYEES x 7 (1 SPACE/10 EMP) = 70 FS
 100 WAREHOUSE EMPLOYEES x 5 (1 SPACE/2 EMP) = 50 FS
 STANDARD SPACES = 120 FS
 HANDICAP SPACES = 8 FS
 TOTAL = 142 FS
 PROVIDED: 120 PARKING SPACES
 OFFICE = 28,000 SQ. FT.
 WAREHOUSE = 112,000 SQ. FT.



VICINITY MAP
 SCALE: 1" = 2000'

GENERAL NOTES

- A. PRIOR TO THE START OF ANY OPERATIONS, THE CONTRACTOR SHALL STAKE OUT THE BASELINES OF CONSTRUCTION, PROPOSED BUILDING AND VERIFY SETBACKS AND OFFSET DIMENSIONS.
- B. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT TELEPHONE NO. 1-800-257-7777 AT LEAST 72 HOURS PRIOR TO STARTING EXCAVATION TO VERIFY ALL LOCATIONS OF EXISTING UTILITIES.
- C. 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.
- D. 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.
- E. ALL DISTURBED AREAS NOT STABILIZED WITH PAVING, BUILDING, SODDING OR MULCH IN PLANTING AREAS SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS, PRIOR TO CONTRACT COMPLETION.

The owner shall provide a separate and independent sewer connection for each tenant or occupant of any building, shown on this site development plan, who will discharge non-domestic waste to the public sewerage system if this waste is regulated under Section 18.122A of the Howard County Code. Each separate and independent sewer connection shall include a standard manhole and other waste pretreatment devices as required and approved by Howard County. Waste lines on the exterior of the building shall be designed, constructed or modified such that non-domestic waste will be discharged to the separate and independent sewer connection. No tenant or occupant of any building shown on this site development plan shall discharge regulated non-domestic waste to the public sewerage system prior to installation of the separate and independent sewer connection and related interior waste lines. The above requirements shall apply to all initial and future occupants or tenants.

HOWARD COUNTY
 DIVISION OF LAND USE AND ZONING ADMINISTRATION
 DATE: 6-11-87
M. H. H.

UTILITY NOTES

- U-1 INSTALL 6" D.I.P. WATER LINE.
- U-2 INSTALL 1/8" HORIZONTAL BEND.
- U-3 INSTALL 8"x6" TEE.
- U-4 INSTALL 1/2" FIRE HYDRANT VALVE & VAULT.
- U-5 INSTALL 1/4" HORIZONTAL BEND.
- U-6 INSTALL 6" PVC SANITARY SEWER.
- U-7 INSTALL NEW SANITARY MANHOLE, SEE STRUCTURE SCHEDULE SHEET SD-5.
- U-8 INSTALL RIP-RAP (36"x6") OVER FILTER CLOTH, SEE DETAIL 13, SHEET SD-7.
- U-9 INSTALL NEW DOUBLE "S" COMB. INLET, SEE STRUCTURE SCHEDULE SHEET SD-5.
- U-10 SEE MECHANICAL DRAWING FOR CONTINUATION.
- U-11 CONNECT TO EXISTING WITH FIELD CONNECTION.
- U-12 INSTALL NEW 6" ROOF DRAIN, SEE MECHANICAL DRAWING FOR CONTINUATION. INSTALL 17" ALONG NORTH FACE OF BUILDING AND 13" ALONG SOUTH FACE.
- U-13 INSTALL NEW 18" CMP IG GA STORM DRAIN.
- U-14 INSTALL NEW 12" CMP IG GA STORM DRAIN.
- U-15 INSTALL NEW 24" CMP IG GA STORM DRAIN.
- U-16 INSTALL NEW 27" CMP IG GA STORM DRAIN.
- U-17 INSTALL NEW 30" CMP IG GA STORM DRAIN.
- U-18 INSTALL NEW 36" CMP IG GA STORM DRAIN.
- U-19 INSTALL NEW STORM DRAIN MANHOLE, SEE STRUCTURE SCHEDULE SHEET SD-5.
- U-20 INSTALL 8"x6" TEE.
- U-21 INSTALL 8"x6" REDUCER.
- U-22 INSTALL NEW ENDWALL, SEE STRUCTURE SCHEDULE, SHEET SD-5.
- U-23 INSTALL 6" VALVE.
- U-24 INSTALL 6" VALVE.

PLAN
 SCALE: 1" = 50'

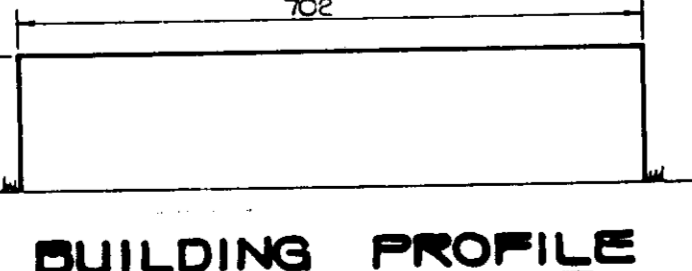
- C-14 NEW CURB OPENING, SEE STATE OF MD. DEPT. OF TRANSPORTATION, SHA STANDARD PLATE NO. MD-640.01.
- C-15 NEW CLASS I RIPRAP, 12" THICK OVER FILTER FABRIC.

NOTES

STORM WATER MANAGEMENT, IS PROVIDED FOR IN PARCEL "N" UNDER FINAL PLAN P-89-124.

ROOF LEADERS ALONG NORTH FACE OF BUILDING MAY BE CHASED UNDER RAILROAD TRACK SHALL BE D.I.P.

PARCEL "L" IS SHOWN FOR GRADING PURPOSES ONLY.



CONSTRUCTION NOTES

- C-1 NEW HEAVY DUTY BITUMINOUS PAVING, SEE DETAIL G SHEET SD-7.
- C-2 NEW LIGHT DUTY BITUMINOUS PAVING, SEE DETAIL G SHEET SD-7.
- C-3 NEW CONCRETE CURB & GUTTER REFER TO HO CO. STD. SPEC. FOR CONSTRUCTION, STD. PLATE R-301.
- C-4 CURB OPENING, STATE OF MD. DEPT. OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION STDS. FOR HIGHWAY & INCIDENTAL STRUCTURES, STD. PLATE MF-G40.01.
- C-5 NEW HANDICAP RAMP SEE DETAIL O, SHEET SD-7.
- C-6 PAVEMENT MARKINGS TO BE DONE WITH YELLOW TRAFFIC PAINT, SEE DETAIL S, SHEET SD-7.
- C-7 NEW HANDICAP PARKING SIGNS, SEE DETAIL 4 SHEET SD-7.
- C-8 REMOVE EXISTING CURB & GUTTER.
- C-9 NEW CONCRETE PEDESTRIAN RAMP SEE DETAIL SHEET SD-G.
- C-10 MEET EXISTING GRADE.
- C-11 NEW RAILING REFER TO HO CO. STD. PLATE G-702.
- C-12 CONCRETE PAVING, SEE DETAIL 1, SHEET SD-7.
- C-13 NEW CONCRETE WALK, SEE DETAIL 2, SHEET SD-7.

CURVE DATA

CURVE	Δ	DC	RAD.	TAN.	LGTH.	E	CHD.
1	83°20'40"	50' 8 3/4"	112.36	100	163.41	38.06	140.99
2	08°04'49"	17' 45' 31"	341.89	24.14	48.20	0.85	48.16
3	18°27'32"	28' 36' 15"	215.38	35	60.30	2.83	60.00

LEGEND

- HEAVY DUTY BITUMINOUS PAVING
- LIGHT DUTY BITUMINOUS PAVING
- CONCRETE PAVING
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- EXISTING WATER
- PROPOSED WATER
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER

ADDRESS CHART

LOT NO.	STREET ADDRESS
PARCEL "M"	8080 JUNCTION DRIVE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 9/3/87
 DIRECTOR

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 9-2-87
 CHIEF, BUREAU OF ENGINEERING

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] 9-11-87
 PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] 9-8-87
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

DATE NO REVISION

PROJECT: **THE JUNCTION INDUSTRIAL PARK**
 6th ELECTION DISTRICT HOWARD CO., MARYLAND
 SECTION 2 AREA 1 PARCEL L & M

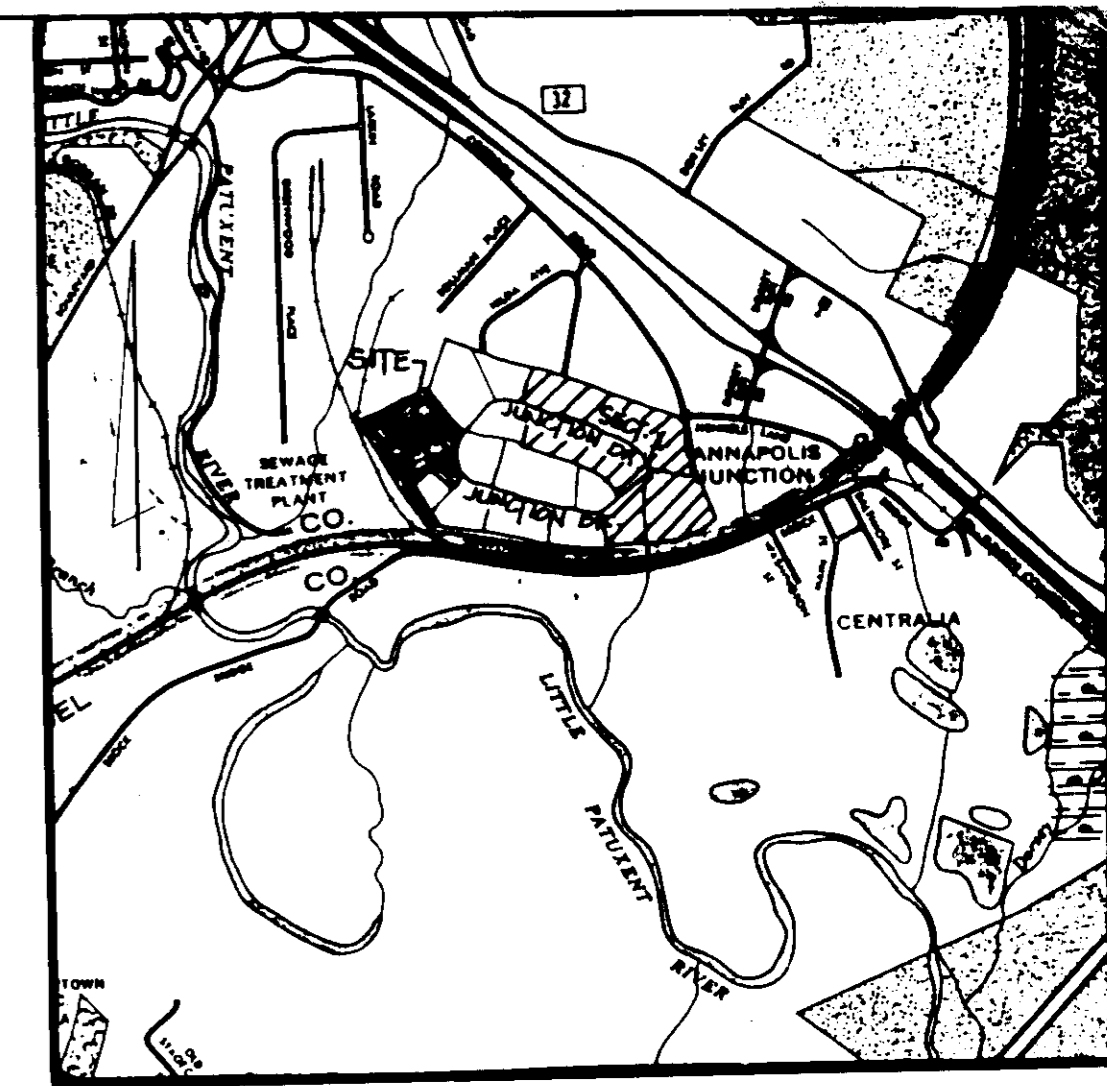
TITLE: SD-1 **LAYOUT & UTILITY PLAN**

OWNER: EMORY HILL MCCONNELL ASSOC
 7240 PARKWAY DR, SUITE 170
 HANOVER MARYLAND 21076

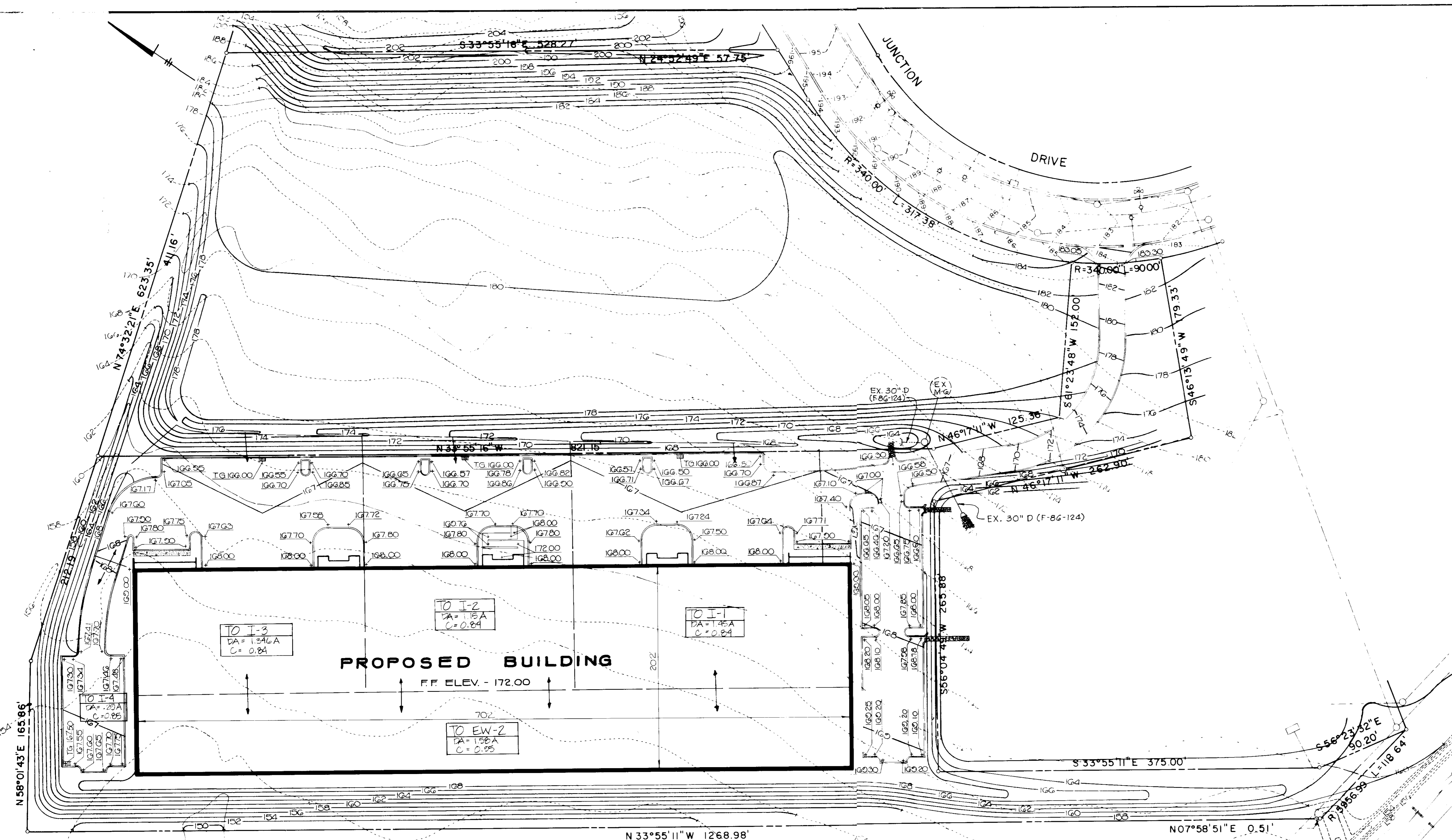
ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI
 CONSULTING ENGINEERS
 1850 YORK ROAD
 TIMONIUM, MARYLAND 21093
 301-252-6060

DATE: 7/2/87 DESIGNED: R Z B
 DRAWN: MEW
 CHECKED: P D
 PROJECT NO: 86266
 DATE: 5/6/87
 SCALE: 1" = 50'
 DRAWING NO. 1 OF 7

9972 PROFESSIONAL ENGR. NO.



VICINITY MAP
SCALE 1"=2000'



PROPOSED BUILDING
F.F. ELEV. - 172.00

TO I-3
DA = 1.346A
C = 0.84

TO I-2
DA = 1.15A
C = 0.84

TO I-1
DA = 1.45A
C = 0.84

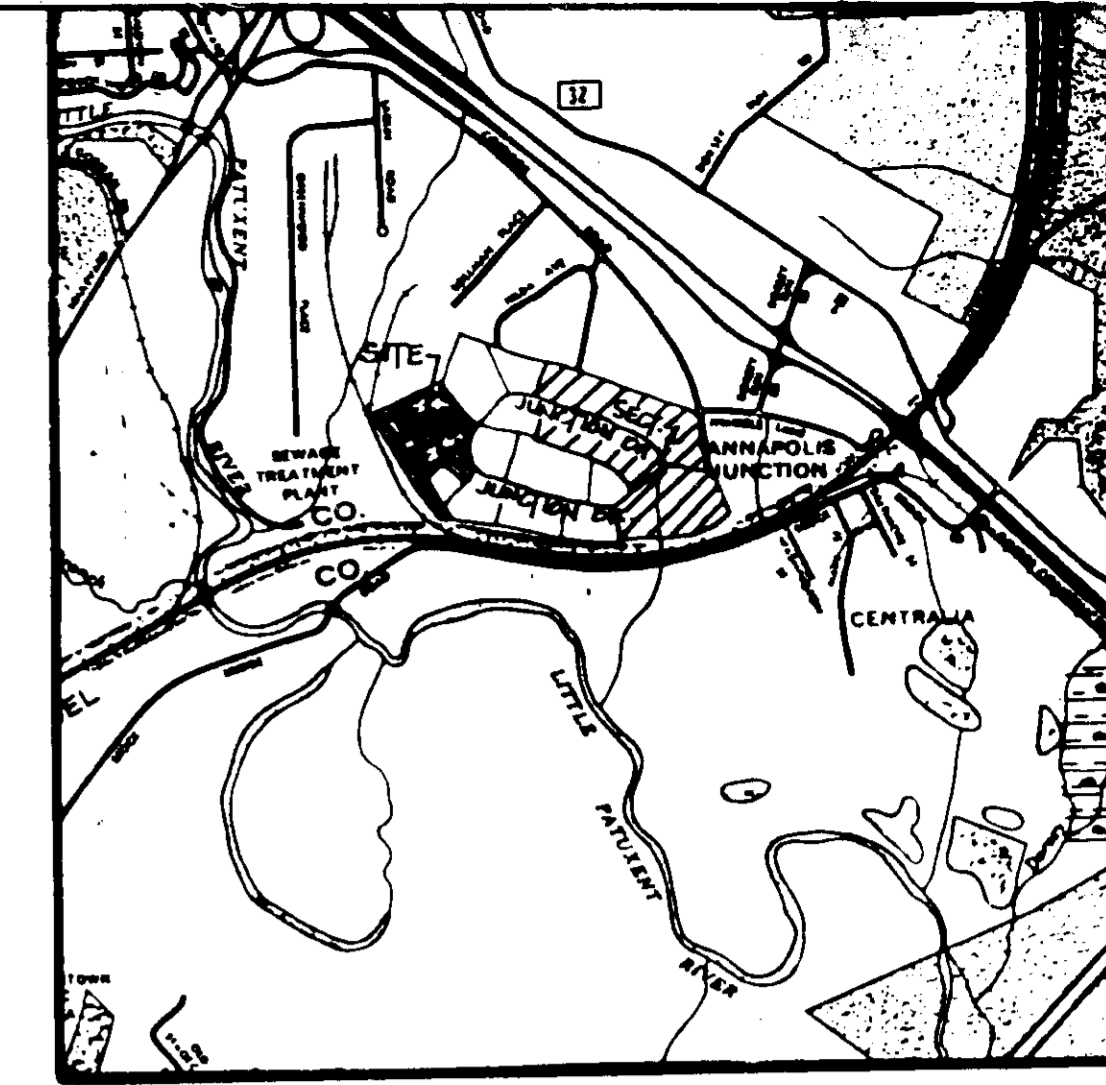
TO EW-2
DA = 1.58A
C = 0.85

PLAN
SCALE 1"=50'

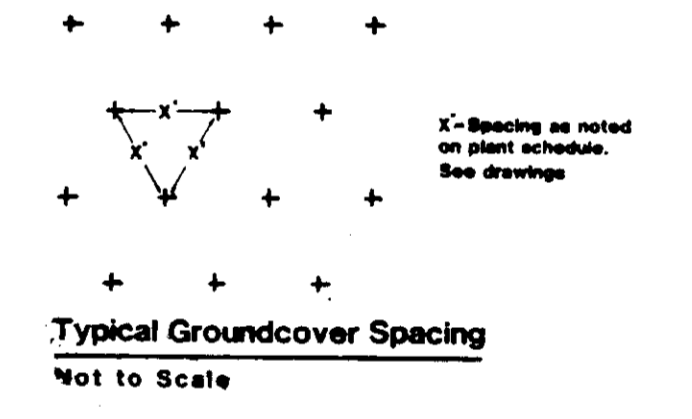
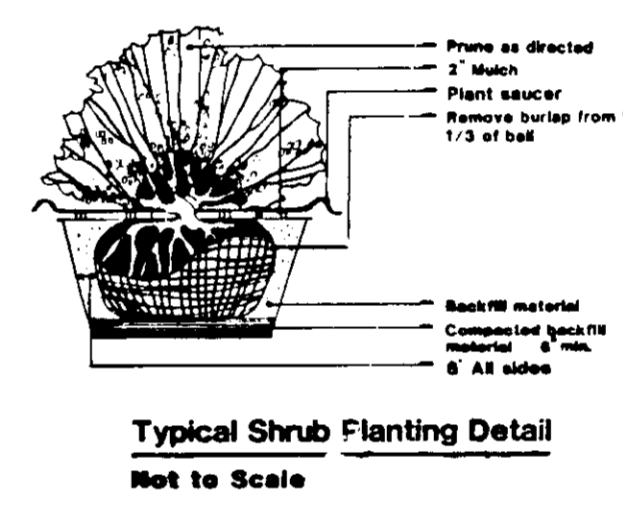
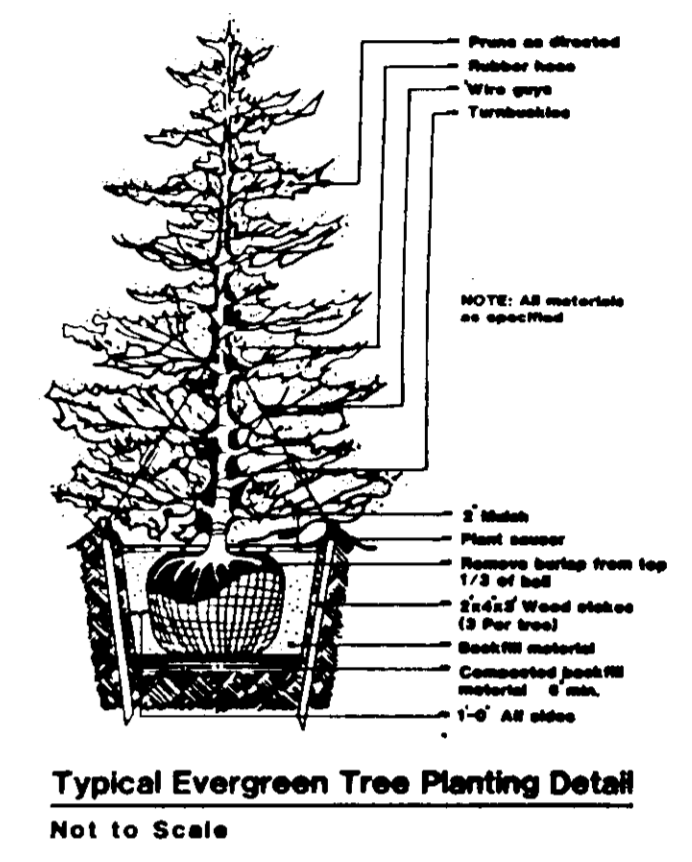
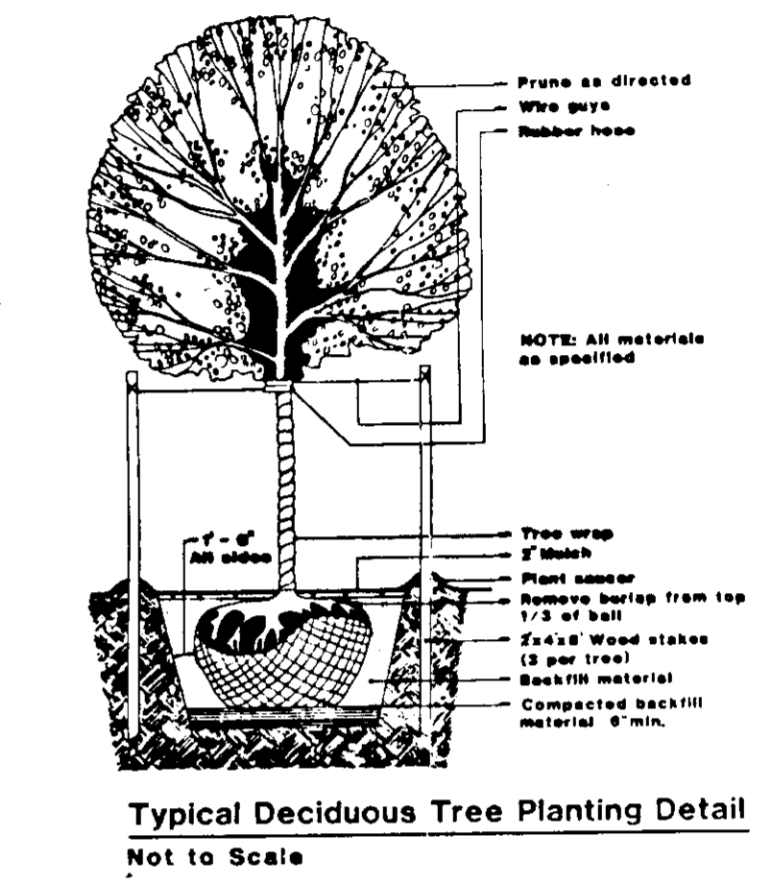
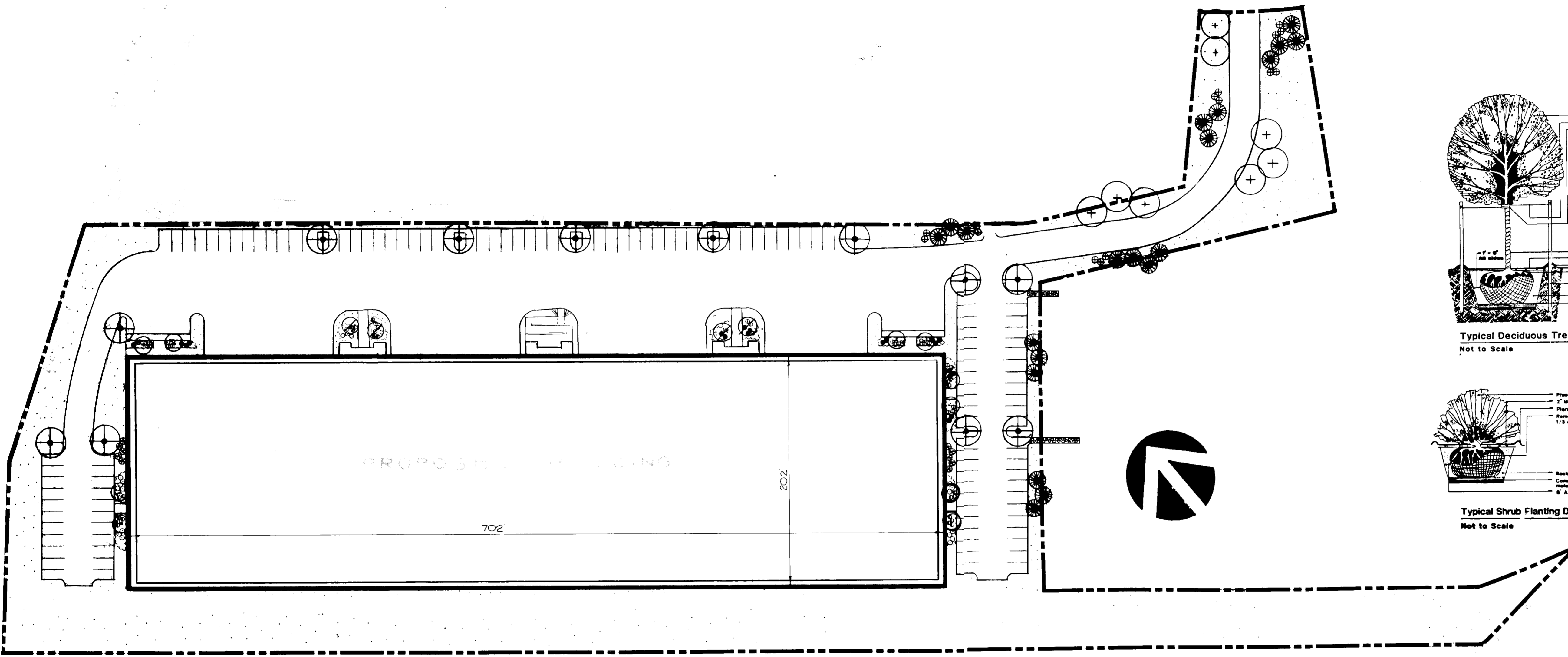
APPROVED
FOR LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
6-11-87
M/Adum

DATE	NO.	REVISION
PROJECT:		
THE JUNCTION INDUSTRIAL PARK		
6th ELECTION DISTRICT HOWARD CO., MARYLAND SECTION 2 AREA 1 PARCEL L & M		
TITLE: SD-2		
GRADING PLAN & DRAINAGE AREA MAP		
OWNER: EMORY HILL MCCONNELL, ASSOC 7240 PARKWAY DR, SUITE 170 HANOVER MARYLAND 21076		
ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI CONSULTING ENGINEERS 1850 YORK ROAD TIMONIUM, MARYLAND 21093 301-252-5060		
DATE: 7/21/87	DESIGNED: RZB	
	DRAWN: MEW	
	CHECKED: PD	
	PROJECT NO: 86266	
	DATE: 5/6/87	
	SCALE: 1"=50'	
	DRAWING NO. 2 OF 7	
PROFESSIONAL ENGR. NO. 9972		

SUBDIVISION NAME	SECT / AREA	LOT / PARCEL
JUNCTION INDUSTRIAL PARK	2 / 1	PARCEL L & M
PLAT: 7145	BLOCK: 19	ZONE: M-2
TAX / ZONE MAP: 48	ELEC DIST: 6	CENSUS TR: 6064
WATER CODE: C04	SEWER CODE: 4020000	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		
DIRECTOR: [Signature]	DATE: 9-2-87	
CHIEF, BUREAU OF ENGINEERING: [Signature]	DATE: 9-4-87	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT		
HEALTH OFFICER: [Signature]	DATE: 9-11-87	
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING		
PLANNING DIRECTOR: [Signature]	DATE: 9-8-87	
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: [Signature]	DATE: 9-8-87	



VICINITY MAP
SCALE 1"=2000'



PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	COMMON NAME	QUANT.	HEIGHT	SPREAD	CALIPER	B&B	GENERAL COMMENTS
+	ACELE RUBRUM 'OT GLORY'	OT GLORY RED MAPLE	8	10-12'	6-8'	2 1/2-3"	YES	SPECIMEN
+	PARUS CALLERYANA	CALLERY PEAR	10	10-12'	6-8'	2 1/2-3"	YES	SPECIMEN
+	FINIX NIGRA	ADRIAN PINE	20	7-10'	4-5'	=	YES	SPECIMEN
+	BETULA ALBA	GLIMP BIRCH	8	8-10'	4-5'	=	YES	SPECIMEN
+	CORNUS KOUSA	KOUSA DOGWOOD	4	6-8'	4-5'	=	YES	SPECIMEN
+	MAGNOLIA SULLANDERANA	GRACEY MAGNOLIA	2	5-6'	8-4'	=	YES	SPECIMEN
+	TAXUS DENSIFORMIS	DENSE YEW	10	18-24'	18-24'	=	CON.	SPECIMEN
+	ELMNYMUS PLATUS	QUAKE WILLOW BURNING	15	2-2 1/2'	2-2 1/2'	=	CON.	SPECIMEN
+	AZALEA HYBRID	AZALEA HYBRID	50	18-24'	18-24'	=	CON.	SPECIMEN (PINK/WHITE)
+	RHOODENDRON HYBRID	RHOODENDRON HYBRID	25	2-2 1/2'	2-2 1/2'	=	CON.	SPECIMEN
+	ILEX GLABRA	ENGLISH HOLLY	20	2-2 1/2'	2-2 1/2'	=	CON.	SPECIMEN
+	JUNIPERUS TAMARISCIFOLIA	DM JUNIPER	100	=	15-18'	=	CON.	SPECIMEN
		PROPOSED LAWN AREA	27,000 SQ FT					

APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 6-11-87
M. Hill

MCKENNA ENTERPRISES
FULL SERVICE LANDSCAPING AND MATERIALS
734 E. Lancaster Avenue Exton, PA. 19341

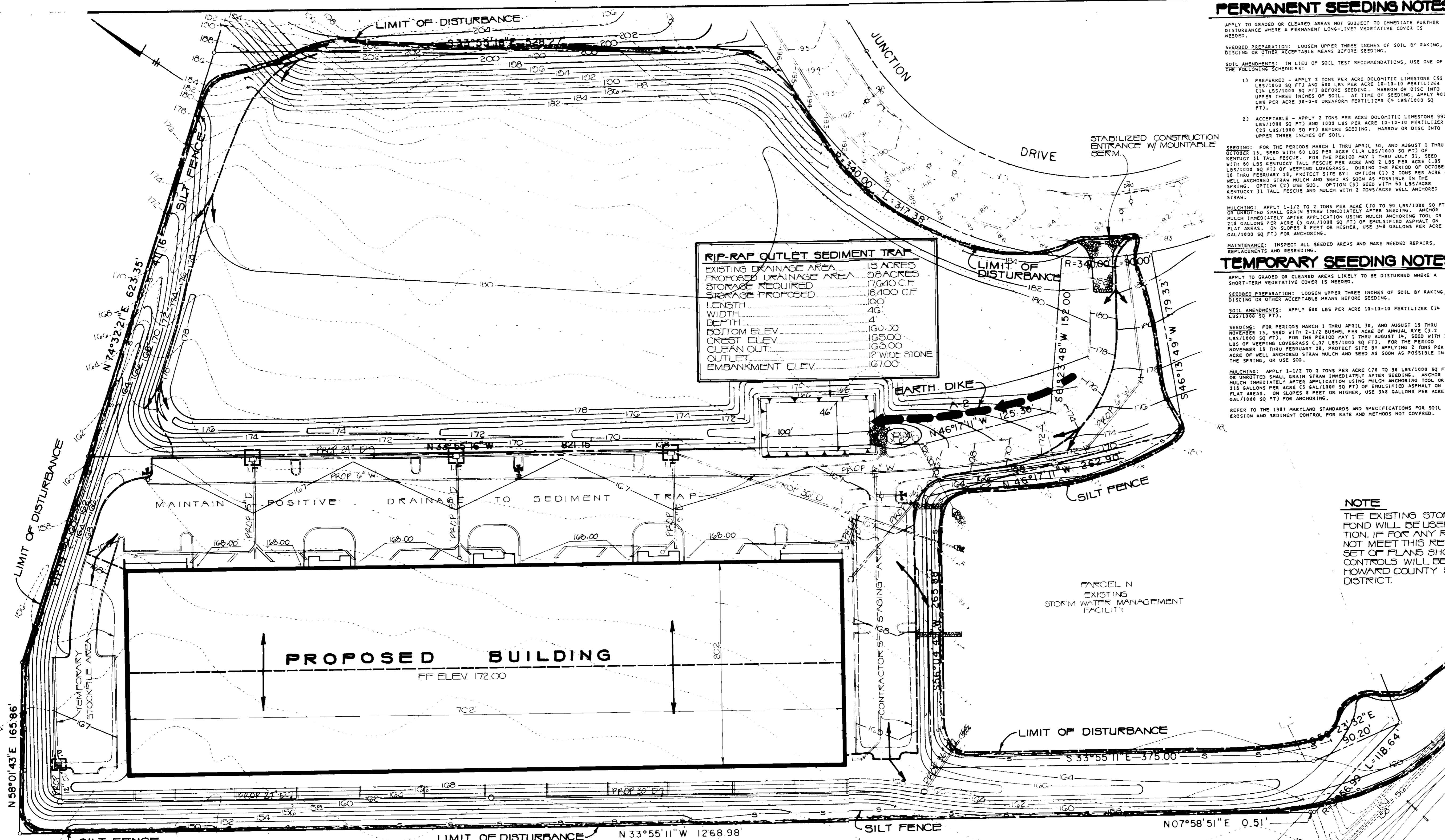
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 9-2-87

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 9-4-87

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
DATE: 9-11-87

DATE: 9-8-87

DATE NO.	REVISION
PROJECT: THE JUNCTION INDUSTRIAL PARK	
6th ELECTION DISTRICT HOWARD CO., MARYLAND	
SECTION 2 AREA 1 PARCEL L & M	
TITLE SD-3	
LANDSCAPE PLAN	
OWNER: EMORY HILL MCCONNELL, ASSOC 7240 PARKWAY DR, SUITE 170 HANOVER MARYLAND 21076	
ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI CONSULTING ENGINEERS 1850 YORK ROAD TIMONIUM, MARYLAND 21093 301-232-8060	
DATE: 7/21/87	DESIGNED: MCKENNA ENT.
	DRAWN: MCKENNA ENT.
	CHECKED: MCKENNA ENT.
	PROJECT NO: 86266
	DATE: 5-6-87
	SCALE: 1"=50'
	DRAWING NO. 3 OF 7
	PROFESSIONAL ENGR. NO. 9972



EXISTING DRAINAGE AREA	15 ACRES
FRODOSED DRAINAGE AREA	28 ACRES
STORAGE REQUIRED	17,640 C.F.
STORAGE PROPOSED	18,400 C.F.
LENGTH	46'
WIDTH	40'
DEPTH	4'
BOTTOM ELEV.	163.00
CREST ELEV.	165.00
CLEAN OUT	163.00
OUTLET	12' WIDE STONE
EMBANKMENT ELEV.	167.00

PERMANENT SEEDING NOTES

APPLY TO GRADED OR 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:

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (52 LBS/1000 SQ FT) AND 800 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-3-3 UREA-FORM FERTILIZER (3 LBS/1000 SQ FT).

2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE 892 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 45 LBS PER ACRE (1.5 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 80 LBS KENTUCKY TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.33 LBS/1000 SQ FT) OF WEeping LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (C) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (C2) USE 500. OPTION (C3) SEED WITH 80 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 210 GALLONS PER ACRE (3 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (3.48 GAL/1000 SQ FT) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

TEMPORARY SEEDING NOTES

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

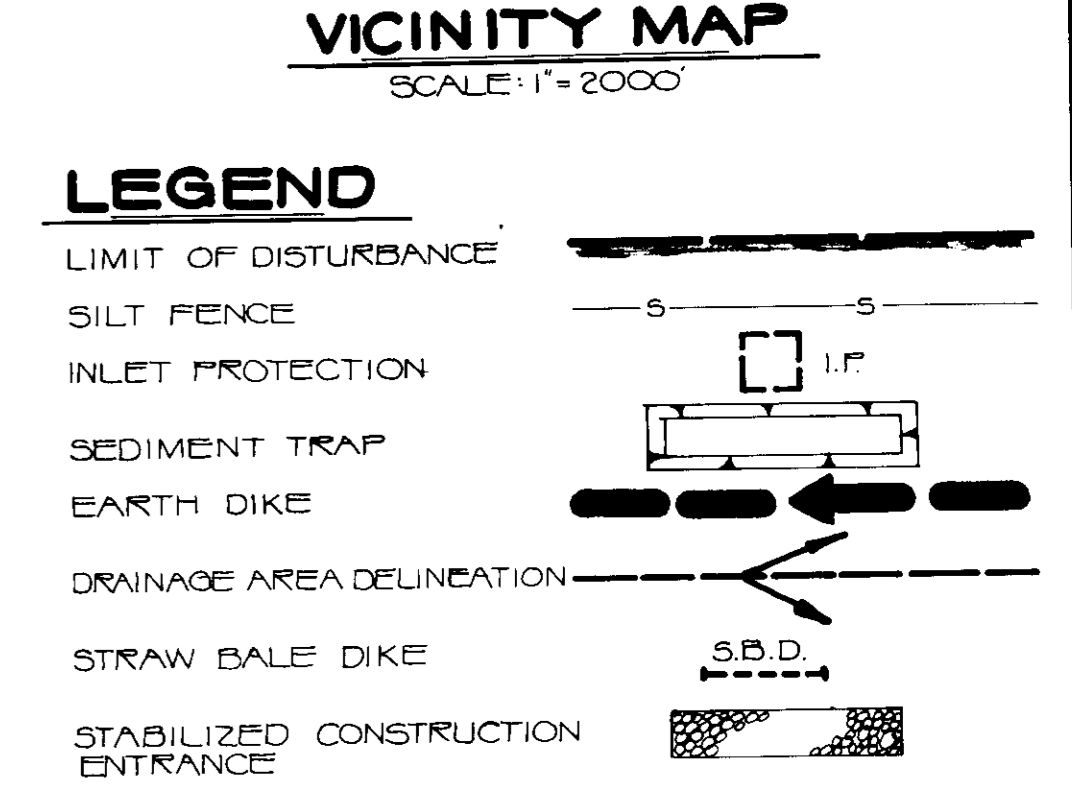
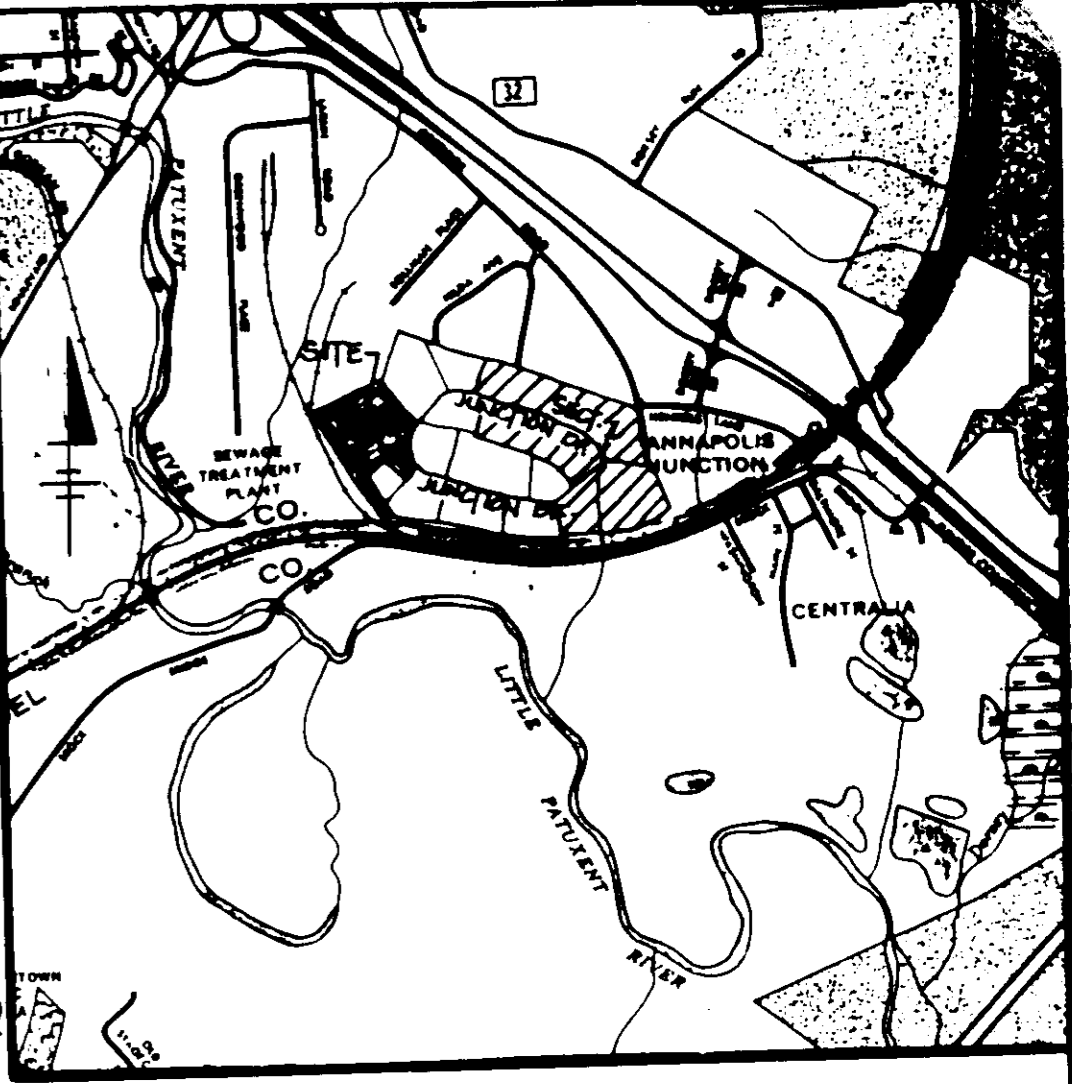
SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (1.8 LBS/1000 SQ FT).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 15 THRU NOVEMBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS OF WEeping LOVEGRASS (.37 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 15 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 500.

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 210 GALLONS PER ACRE (3 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (3.48 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.



NOTE

THE EXISTING STORMWATER MANAGEMENT FOND WILL BE USED FOR SEDIMENT RETENTION. IF FOR ANY REASON THE FOND DOES NOT MEET THIS REQUIREMENT, A REVISED SET OF PLANS SHOWING NEW SEDIMENT CONTROLS WILL BE SUBMITTED TO THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

SEQUENCE OF OPERATIONS

1. NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS (592-2437) A MINIMUM OF 24 HOURS PRIOR TO THE START OF ANY WORK.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
3. MINOR CLEARING AND GRADING OPERATIONS FOR CONSTRUCTION OF SEDIMENT CONTROL MEASURES.
4. INSTALL SILT FENCE, SED TRAP & EARTH DIKE AFTER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND STABILIZED. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL MEASURES ON A DAILY BASIS.
5. CLEAR AND ROUGH GRADE REMAINDER OF SITE.
6. CONSTRUCT RAILROAD BUILDING, SITE UTILITIES AND REMAINDER OF SITE WORK.
7. SEED AND MULCH ALL DISTURBED AREAS OUTSIDE OF THE BUILDING AND PAVED AREAS, UNLESS OTHERWISE DIRECTED ON THE PLANS.
8. WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES AND STABILIZE REMAIND AREAS.

PLAN
SCALE: 1"=50'

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 (592-2437).
- 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 14 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1. 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. 3, 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. 313) 500 (SEC. 343), TEMPORARY SEEDING (SEC. 502) AND MULCHING (SEC. 312).
- 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	15.4 ACRES
AREA DISTURBED	9.6 ACRES
AREA TO BE ROOPED OR PAVED	2.6 ACRES
AREA TO BE VEGETATIVELY STABILIZED	3.2 ACRES
TOTAL CUT	CU. YD.
TOTAL FILL	CU. YD.
- 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 CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY, BY THE HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR.

NOTE:
ALL SEDIMENT CONTROL DETAILS ARE ON SHEET SD-7

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 BEING PERFORMING THE PROJECT.
Dud N. Ellis July 7, 1987
SIGNATURE OF DEVELOPER DATE

BY THE ENGINEER:
I/WE 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 COUNTY SOIL CONSERVATION DISTRICT.
Philip A. ... 5-3-87
SIGNATURE OF ENGINEER DATE

REVIEWED FOR HOWARD COUNTY S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
James M. ... 8-26-87
DATE

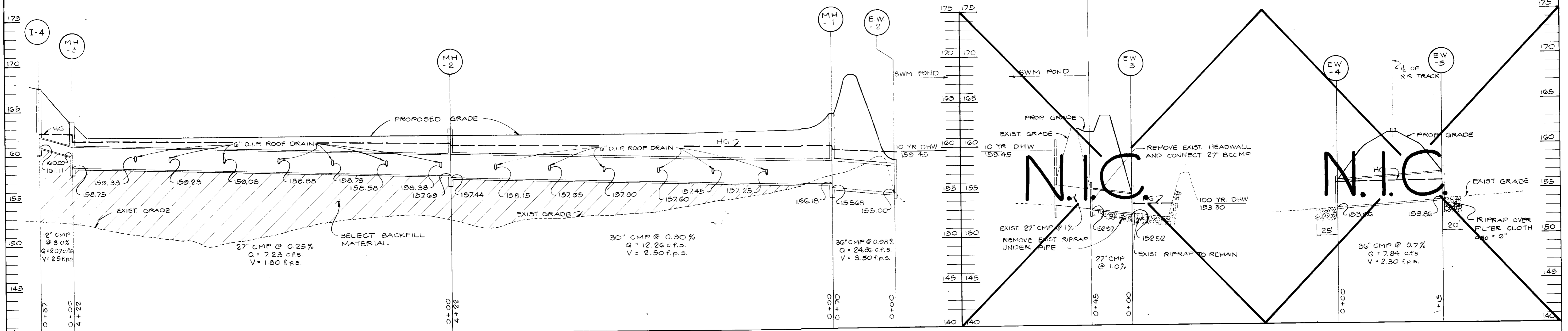
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Stephen L. ... 8/25/87
HOWARD COUNTY S.C.D. DATE

SUBDIVISION NAME	SECTION / AREA	LOT / PARCEL
JUNCTION INDUSTRIAL PARK	2/1	PARCEL L & M
PLAT	BLOCK	ZONE
7145	19	M-2
TAX / ZONE MAP	ELEC. DIST.	CENSUS TR.
48	6	G064
WATER CODE	SEWER CODE	
C04	4020000	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
DIRECTOR	DATE	
<i>Robert E. ...</i>	2-2-87	
CHIEF - BUREAU OF ENGINEERING	DATE	
<i>John ...</i>	7-4-87	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS	HOWARD COUNTY HEALTH DEPARTMENT	
DIRECTOR	DATE	
<i>John ...</i>	7-4-87	
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING	DATE	
<i>Philip ...</i>	9-11-87	
PLANNING	DATE	
<i>John ...</i>	9-8-87	
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	DATE	

DATE	NO.	REVISION
PROJECT: THE JUNCTION INDUSTRIAL PARK		
6th ELECTION DISTRICT HOWARD CO., MARYLAND SECTION 2 AREA 1 PARCEL L & M		
TITLE SD-4		
OWNER: EMORY HILL MCCONNELL, ASSOC 7240 PARKWAY DR, SUITE 170 HANOVER MARYLAND 21076		
ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI CONSULTING ENGINEERS 1850 YORK ROAD TIMONIUM, MARYLAND 21093 301-232-6060		
DATE:	DESIGNED:	RZB
7/21/87	DRAWN:	MEW
	CHECKED:	PD
	PROJECT NO:	86266
	DATE:	5/6/87
	SCALE:	1" = 50'
	DRAWING NO.:	4 OF 7
	PROFESSIONAL ENGR. NO.:	9972

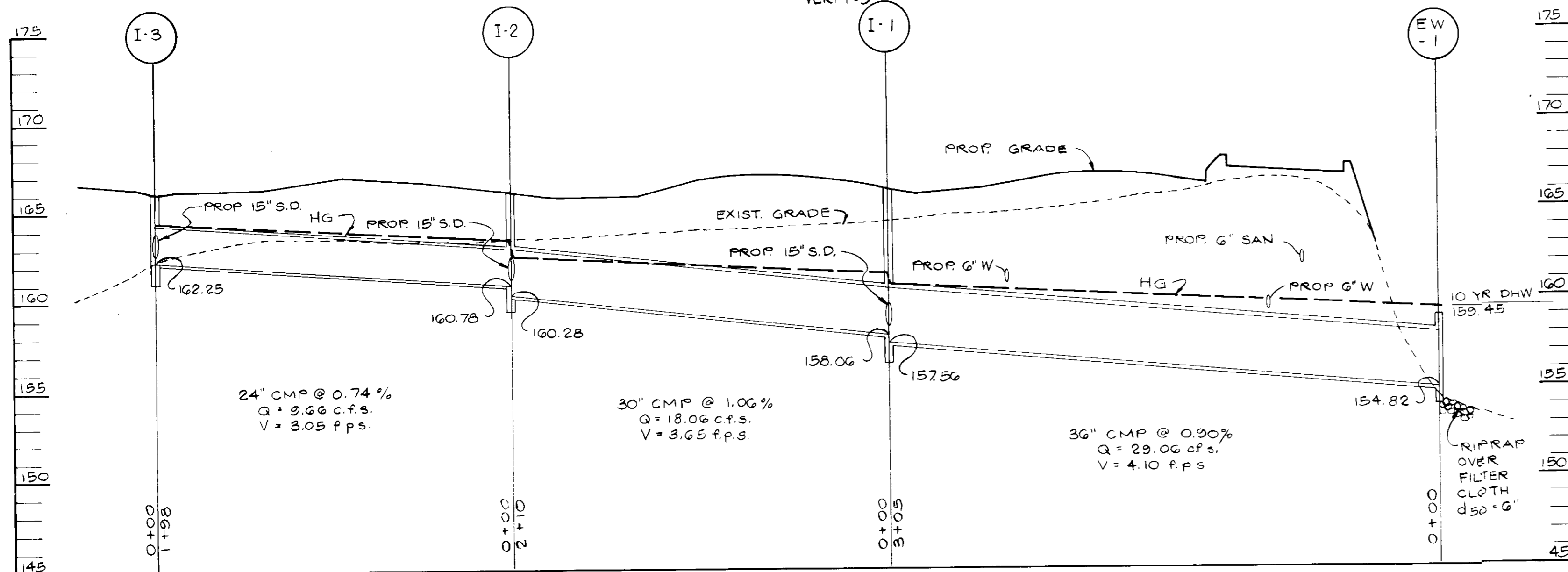
APPROVED:
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 6-11-87
M. ...

SDP-87-230



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

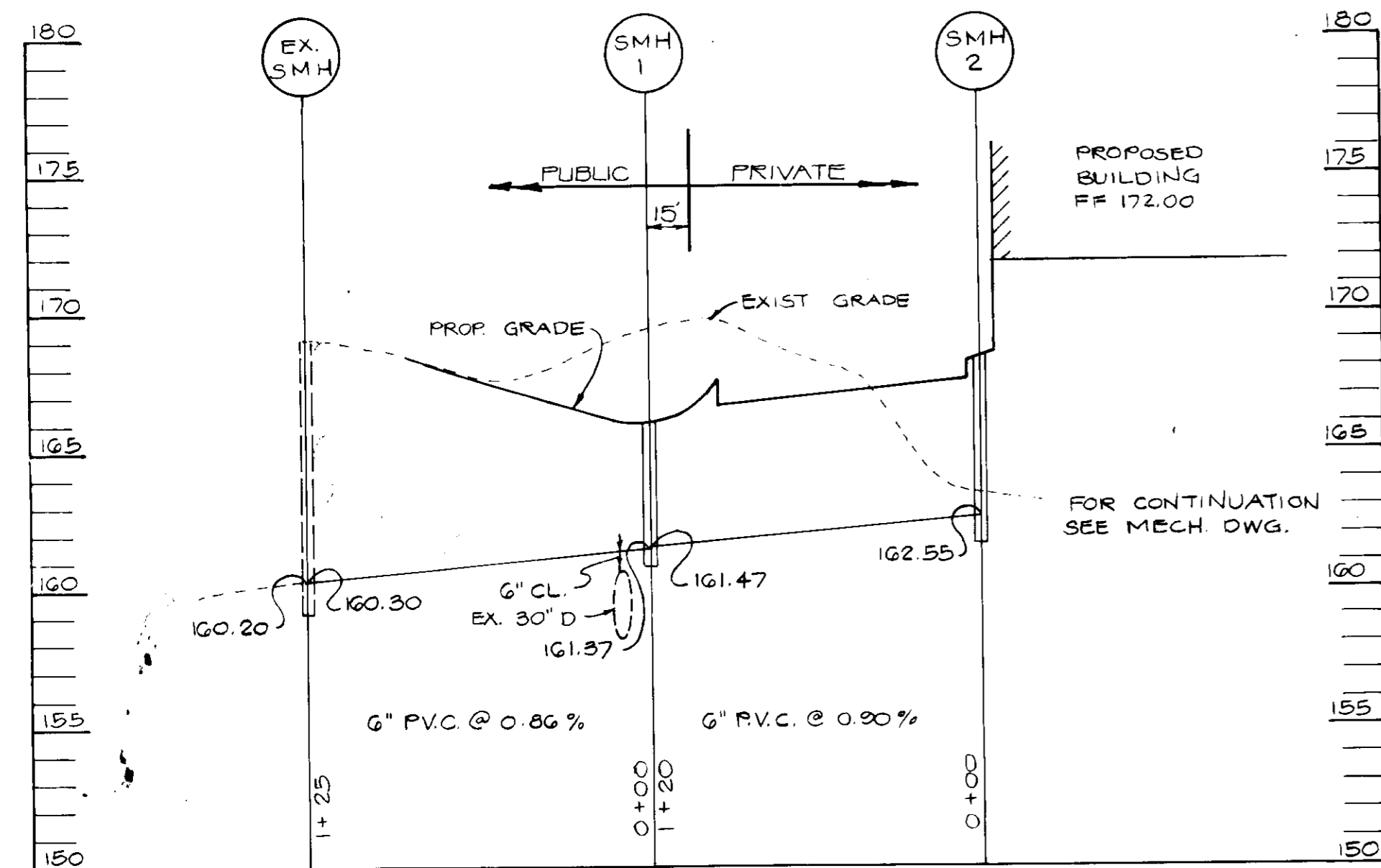
STORM DRAIN PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'



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

STRUCTURE SCHEDULE				
NO.	TYPE	INVERT IN	INVERT OUT	TOP ELEV.
I-1	DOUBLE 15" OMB INLET HO. CO. STD. SD. 4.34	158.06	157.86	166.00
I-2	"	160.78	160.28	166.00
I-3	"	—	162.25	166.00
I-4	"	—	161.11	167.50
MH-1	BRICK MANHOLE HO. CO. STD. G-5.03	156.18	155.68	164.00
MH-2	"	157.69	157.44	162.00
MH-3	"	160.00	158.75	162.00
EW-1	TYPICAL 'C' ENDWALL HO. CO. STD. SD. 5.21	—	154.82	—
EW-2	"	—	155.00	—
EW-3	"	N.I.C.	152.52	—
EW-4	"	N.I.C.	153.06	—
EW-5	"	N.I.C.	153.86	—
SMH-1	PRECAST MANHOLE HO. CO. STD. G-5.12	161.47	161.87	169.00
SMH-2	"	162.55	168.80	—

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
6-11-87



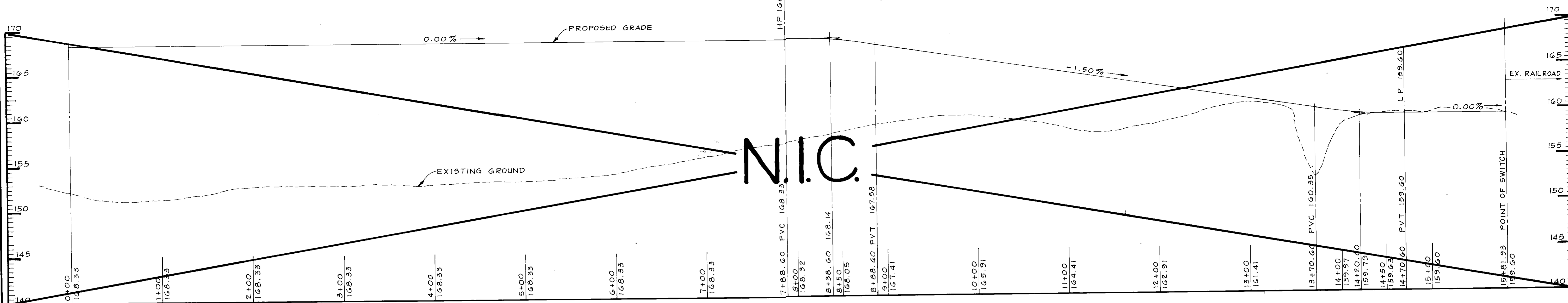
SANITARY PROFILE
SCALE: HOR. 1"=50'
VERT. 1"=5'

SUBDIVISION NAME THE JUNCTION INDUSTRIAL PARK		SECT./AREA 2/1	LOT/PARCEL NO. & PARCEL L & M
PLAT 7145	BLOCK 19	ZONE M-2	TAX/ZONE MAP 48
ELEC. DIST. 6		CENSUS TR. G0G4	
WATER CODE C04		SEWER CODE 4020000	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DIRECTOR DATE 9-2-87			
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT COUNTY HEALTH OFFICER DATE 9-4-87			
APPROVED, HOWARD COUNTY, OFFICE OF PLANNING AND ZONING PLANNING DIRECTOR DATE 9-16-87			
APPROVED, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 9-8-87			

DATE NO.	REVISION
PROJECT: THE JUNCTION INDUSTRIAL PARK 6th ELECTION DISTRICT HOWARD CO., MARYLAND SECTION 2 AREA 1 PARCEL L & M	
TITLE: SD-5	
OWNER: EMORY HILL MCCONNELL, ASSOC. 7240 PARKWAY DRIVE SUITE 170 HANOVER, MARYLAND 21076	
WHITNEY, BAILEY, COX & MAGNANI CONSULTING ENGINEERS 1850 YORK ROAD TIMONUM, MARYLAND 21093 301-252-8060	
DATE 7/21/87	DESIGNED: RZB
	DRAWN: JLB
	CHECKED: PD
	PROJECT NO. 86266
	DATE: 5-6-87
	SCALE: AS SHOWN
PROFESSIONAL ENGR. NO. 9972	DRAWING NO. 5 OF 7

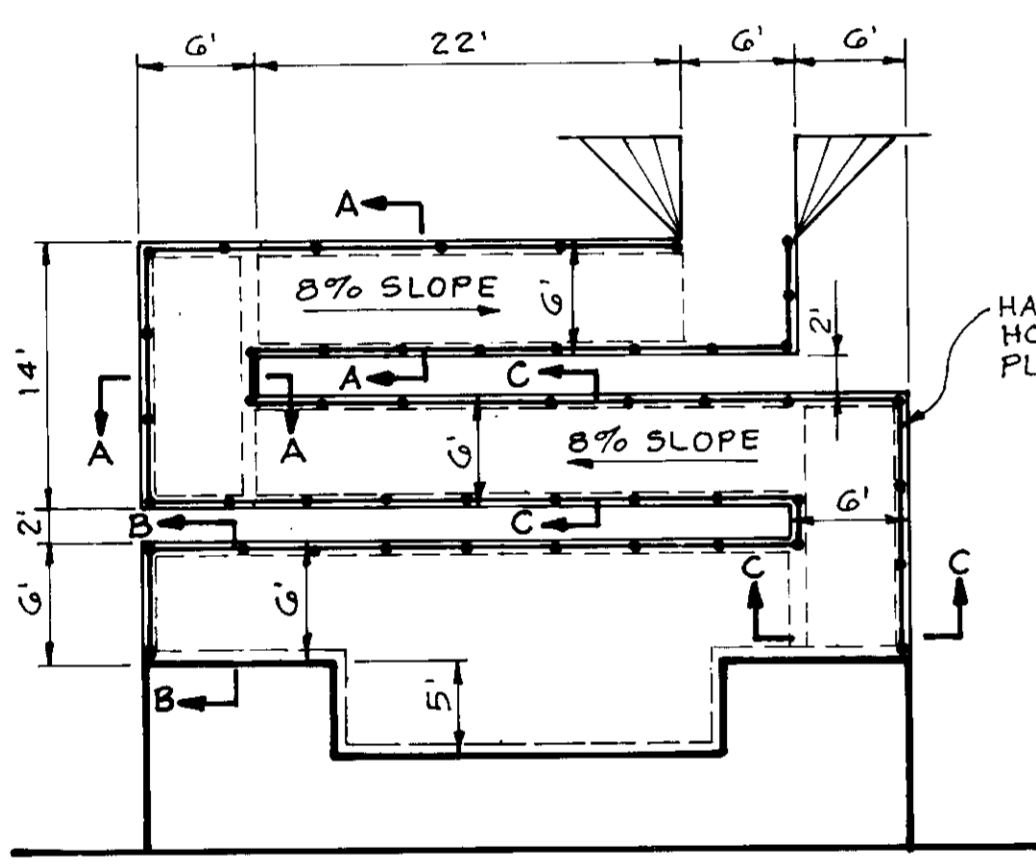
CURVE DATA NO. 1
 P1 STA. 8+38.60
 EL. 168.33
 VC. 100'
 CORR. -0.19

CURVE DATA NO. 2
 P1 STA. 14+20.60
 EL. 159.60
 VC. 100'
 CORR. +0.19



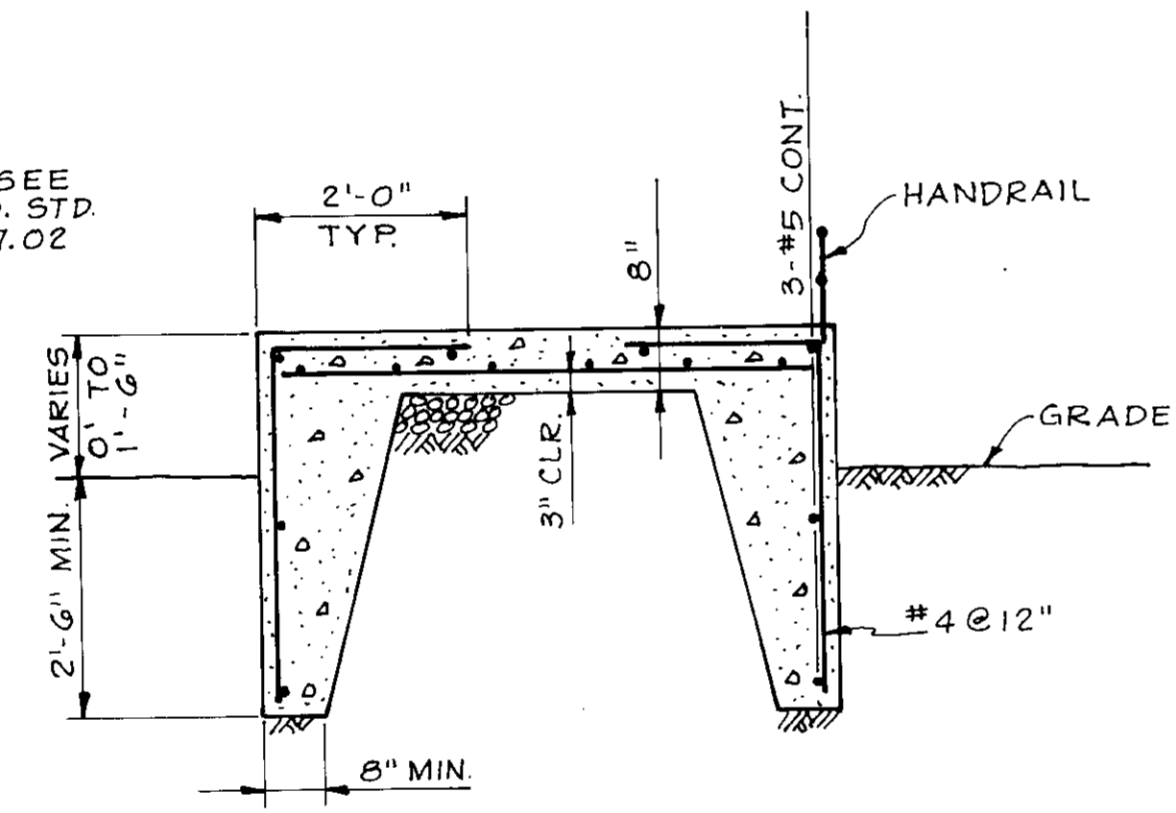
RAILROAD PROFILE

SCALE: HORIZ. 1" = 50'
 VERT. 1" = 5'

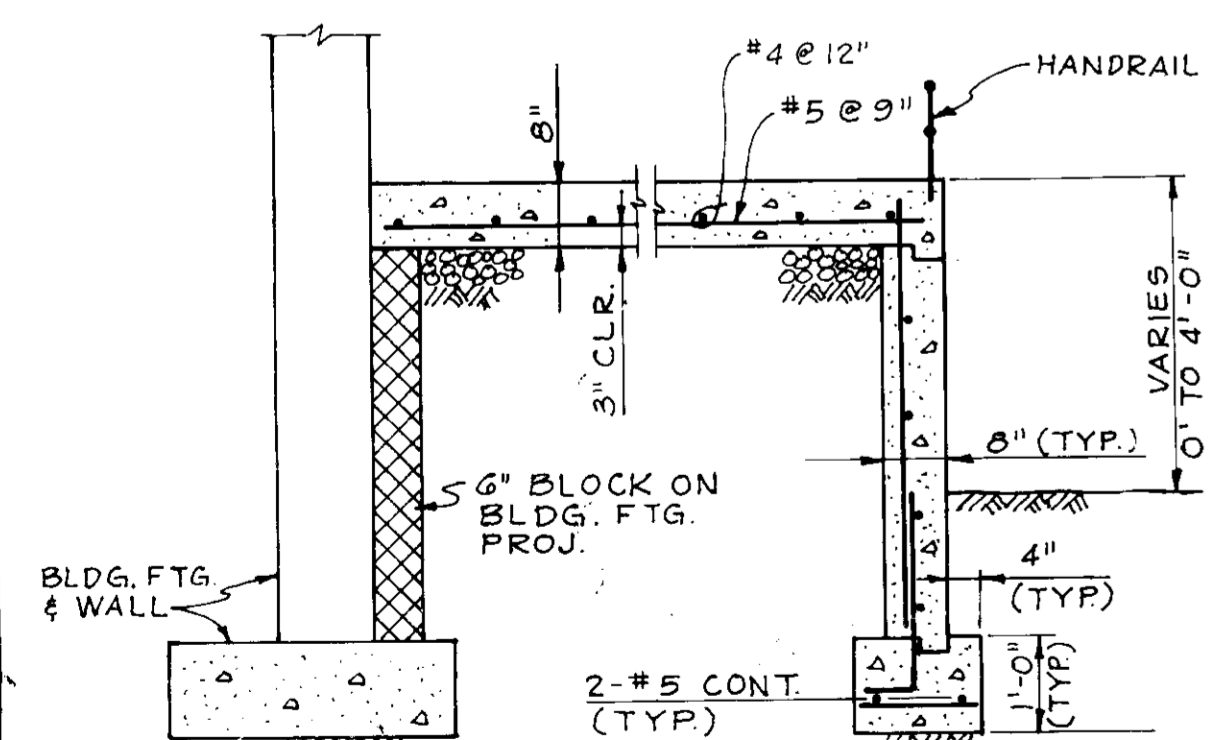


PLAN

NOTE: SEE GRADING PLAN FOR ELEVATIONS OF RAMP

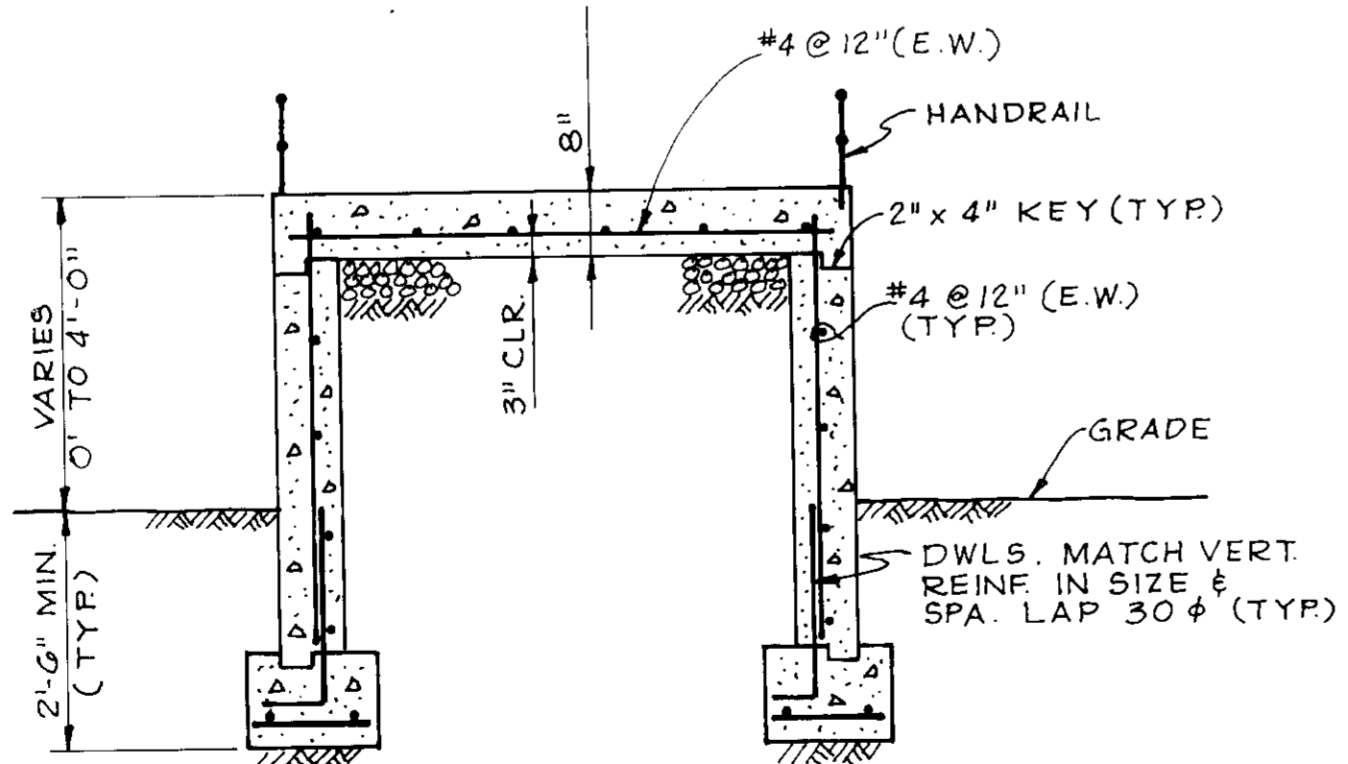


SECTION A-A



SECTION B-B

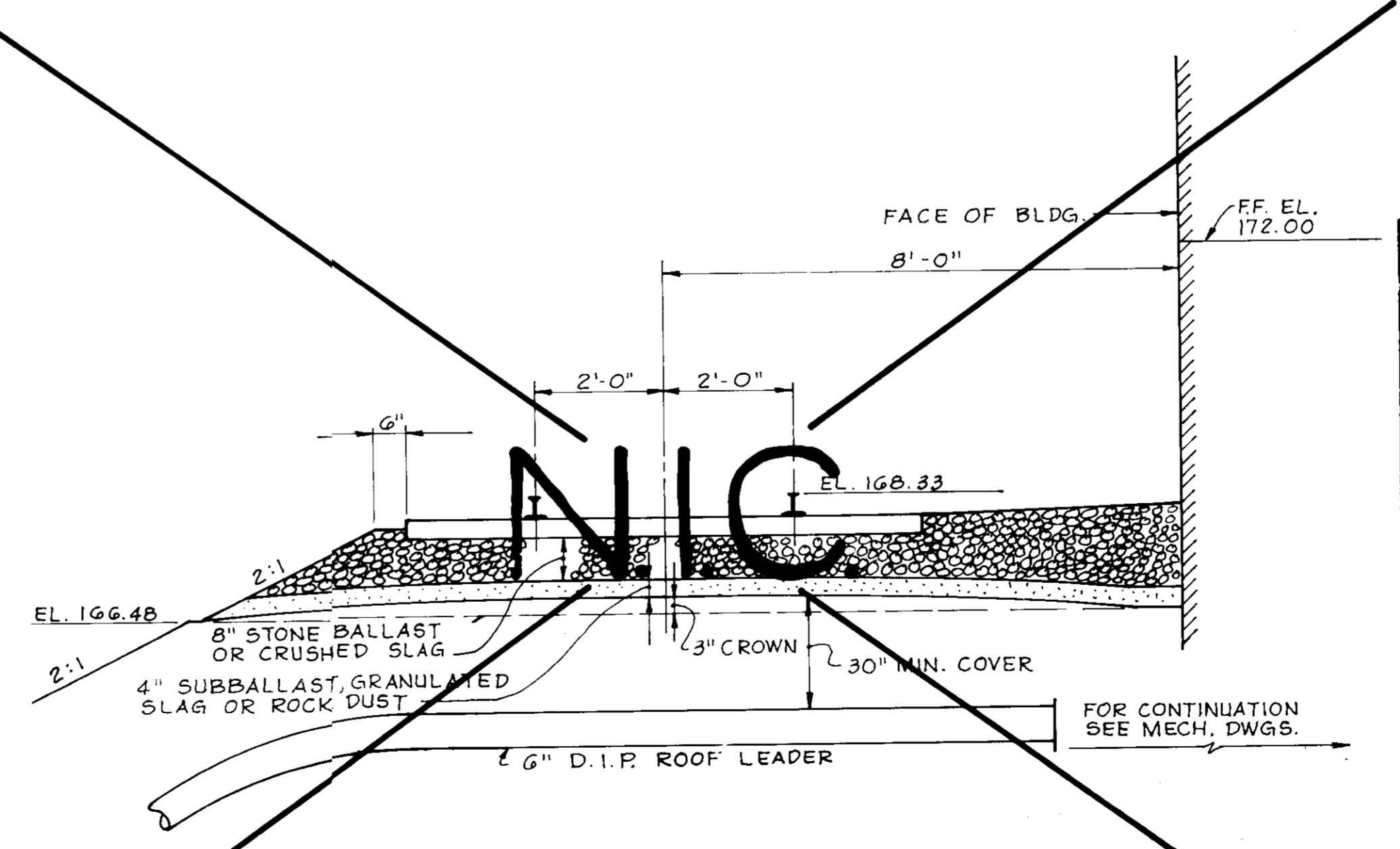
NOTE: ADEQUATELY BRACE WALLS DURING BACKFILLING OPERATIONS UNTIL SLAB IS POURED & OBTAINED DESIGN STRENGTH.



SECTION C-C

DETAIL - CONCRETE PEDESTRIAN RAMP

NOT TO SCALE



RAILROAD SECTION

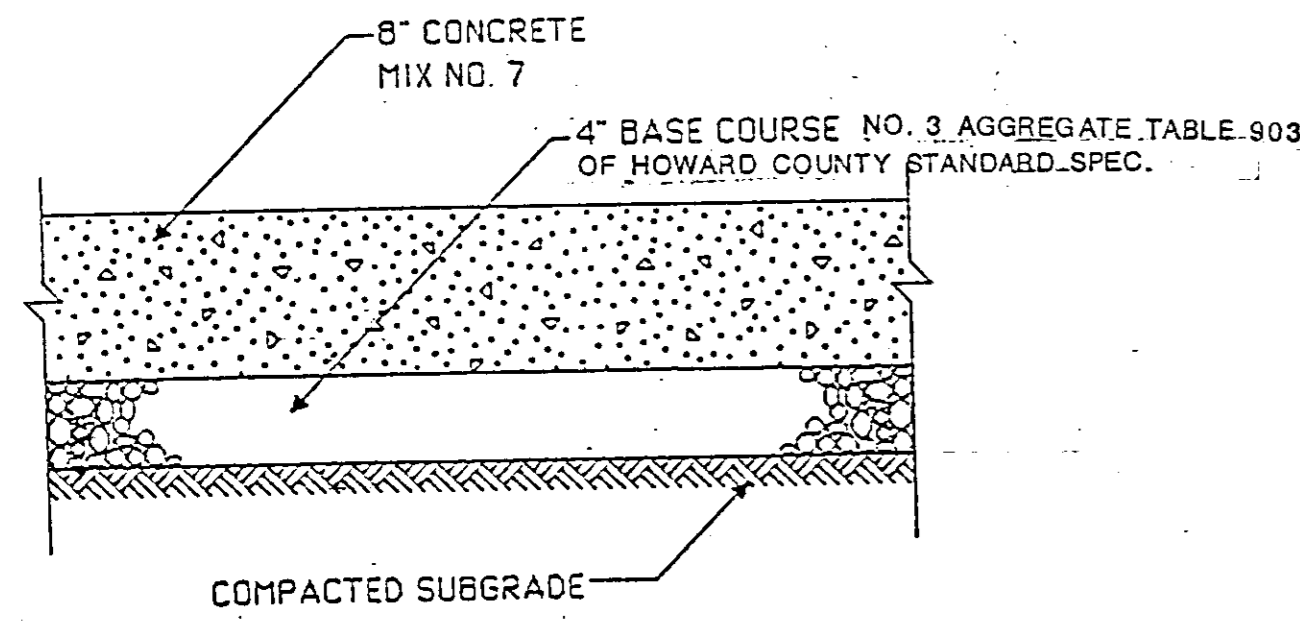
NOT TO SCALE

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 6-11-87

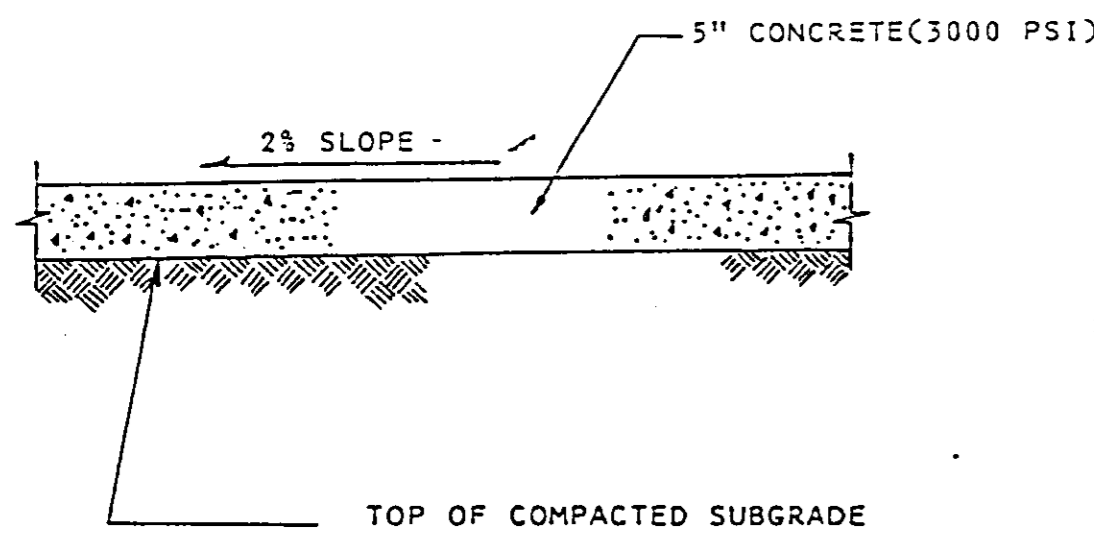
SUBDIVISION NAME JUNCTION INDUSTRIAL PARK		SECT./AREA 2/1	LOT/PARCEL # PARCEL L & M
PLATE 7145	BLOCK 19	ZONE M-2	TAX/ZONE MAP 48
WATER CODE C04		SEWER CODE 4020000	
APPROVED FOR STORM DRAINAGE SYSTEMS AND ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS			
DIRECTOR		DATE	
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS		DATE	
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING		DATE	
PLANNING DIRECTOR		DATE	
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION		DATE	

DATE	NO.	REVISION
THE JUNCTION INDUSTRIAL PARK ELECTION DISTRICT HOWARD CO., MARYLAND SECTION 2 AREA 1 PARCEL 'M' TITLE: SD-G RAILROAD PROFILE & DETAILS OWNER: EMORY HILL McCONNELL, ASSOC. 7240 PARKWAY DR., SUITE 170 HANOVER MARYLAND 21076 ENGINEERS: WHITNEY, BAILEY, COX & MAGNANI CONSULTING ENGINEERS 1850 YORK ROAD TIMONIUM, MARYLAND 21093 301-252-6060		
DATE: 7/1/87	DESIGNED: RZB	
	DRAWN: GSB	
	CHECKED: PD	
	PROJECT NO.: 86266	
	DATE: 5-6-87	
	SCALE: AS SHOWN	
	DRAWING NO. 6 OF 7	

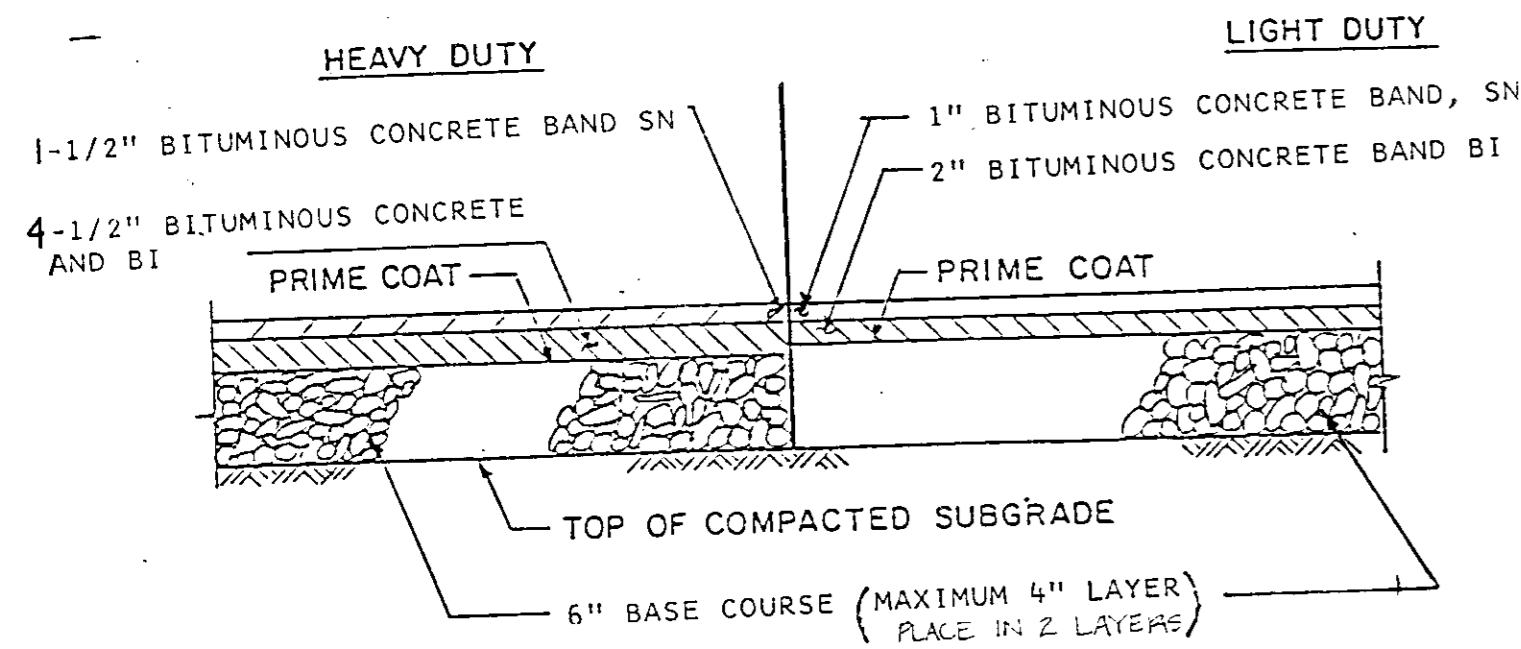
SDP-87-230



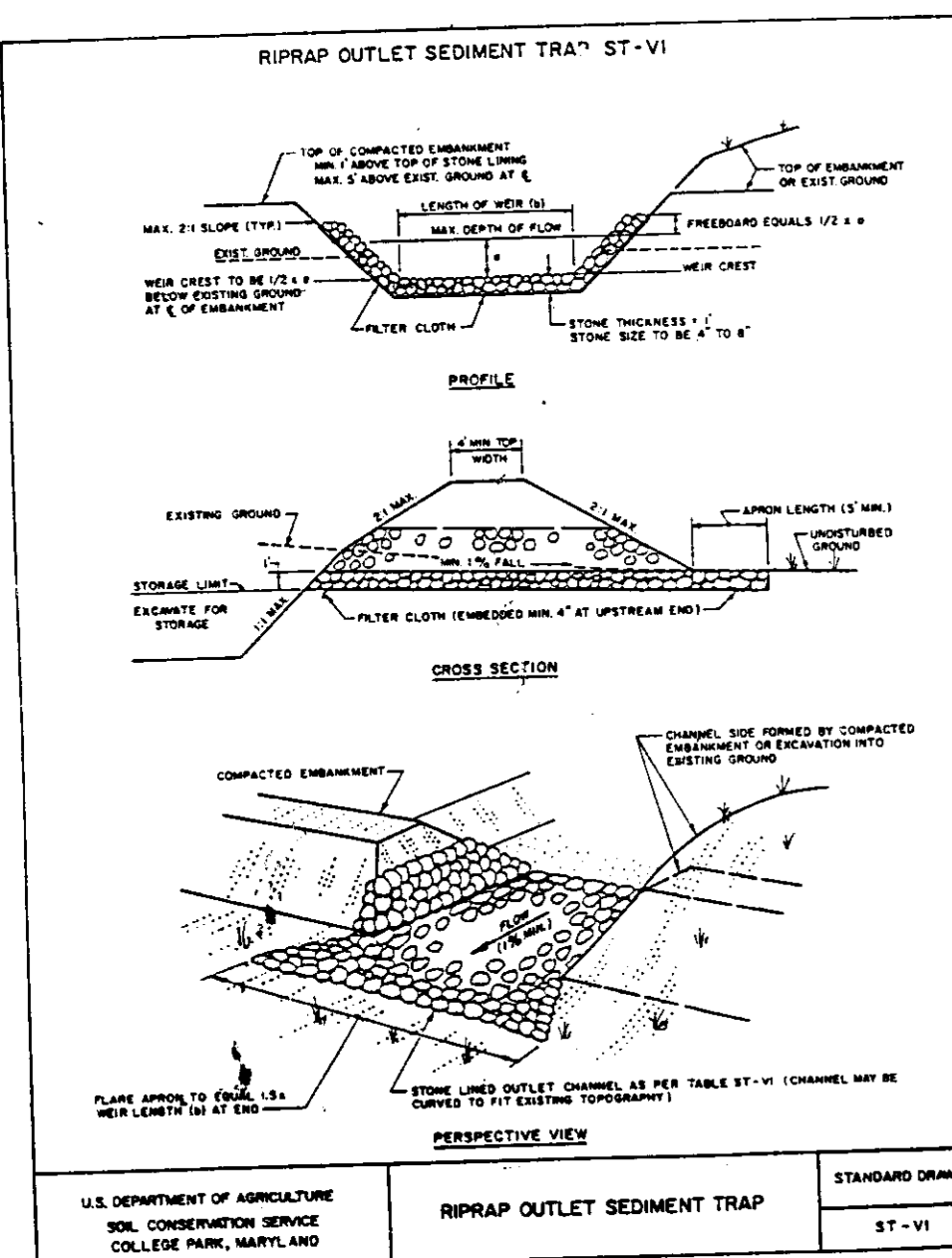
1. CONCRETE PAVING



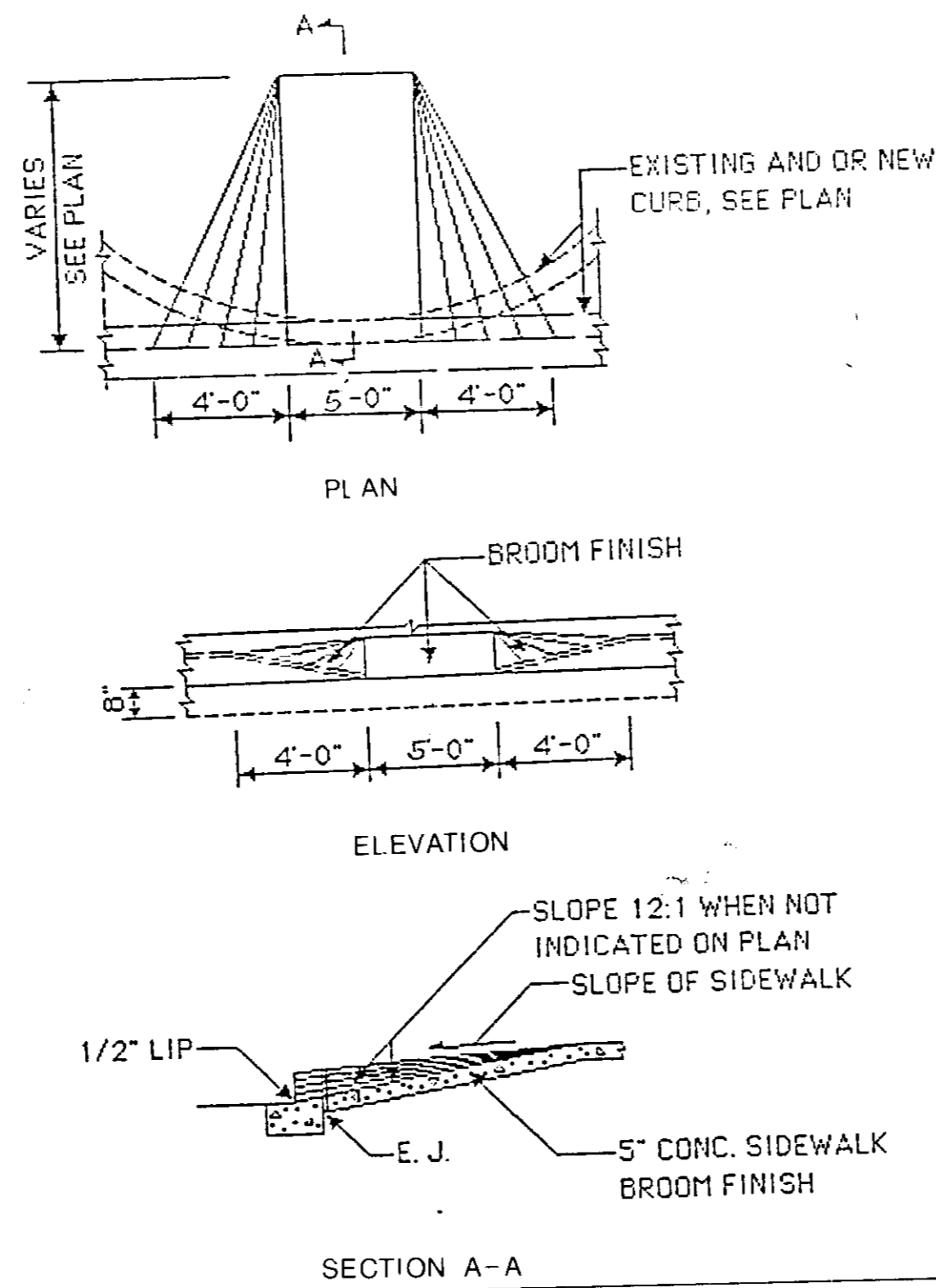
2. CONCRETE SIDEWALK



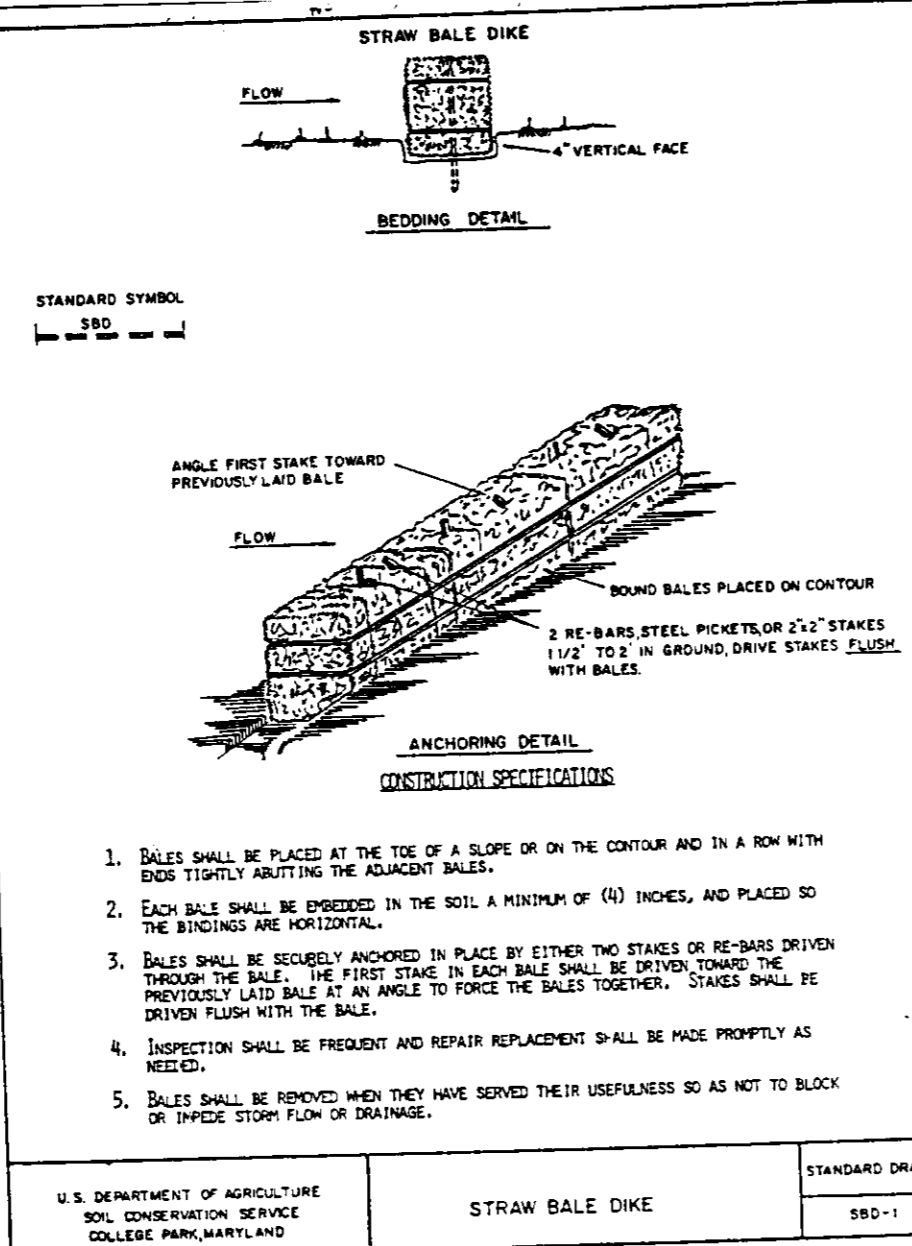
6. BITUMINOUS PAVING



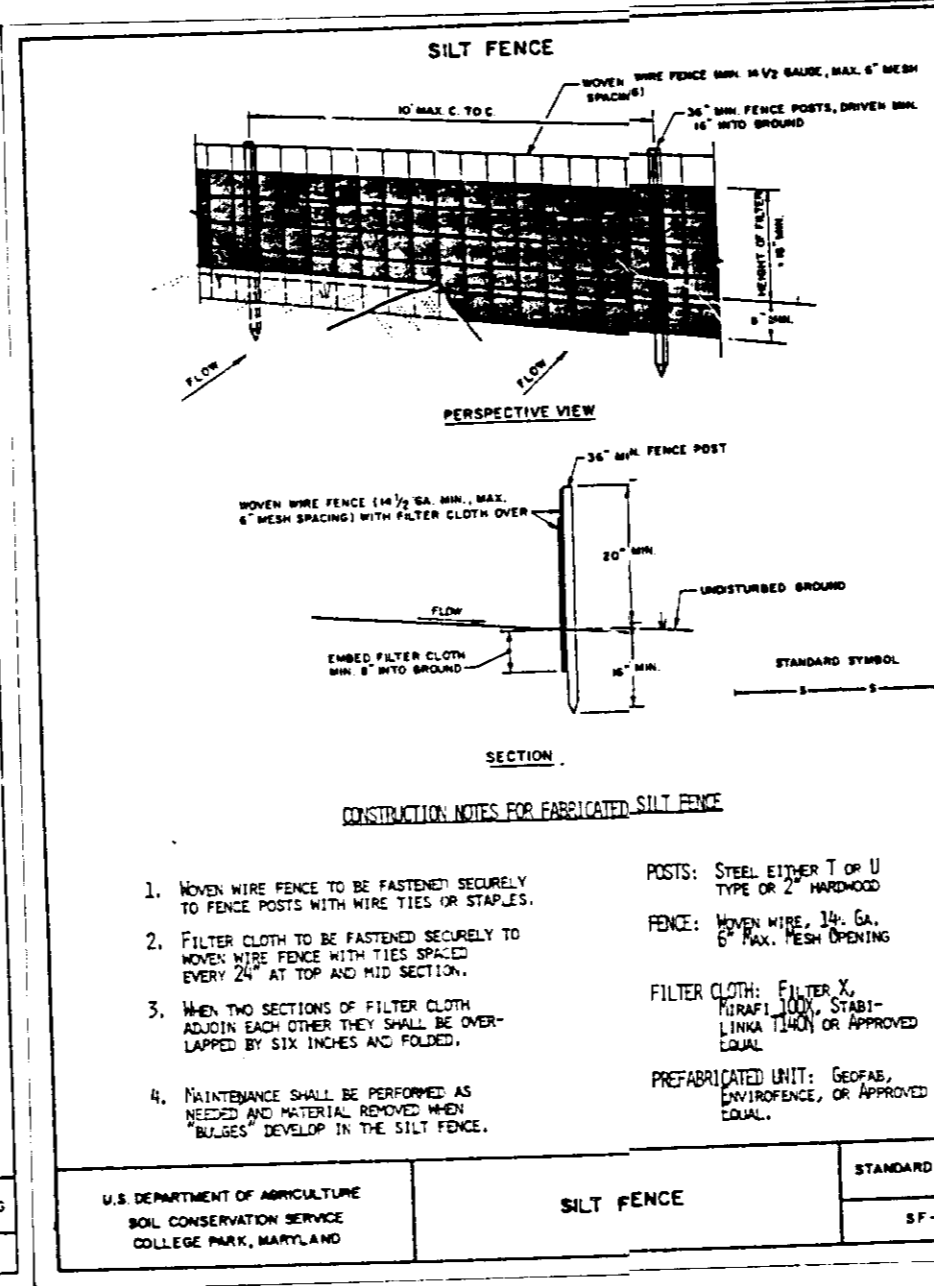
11. SEDIMENT TRAP



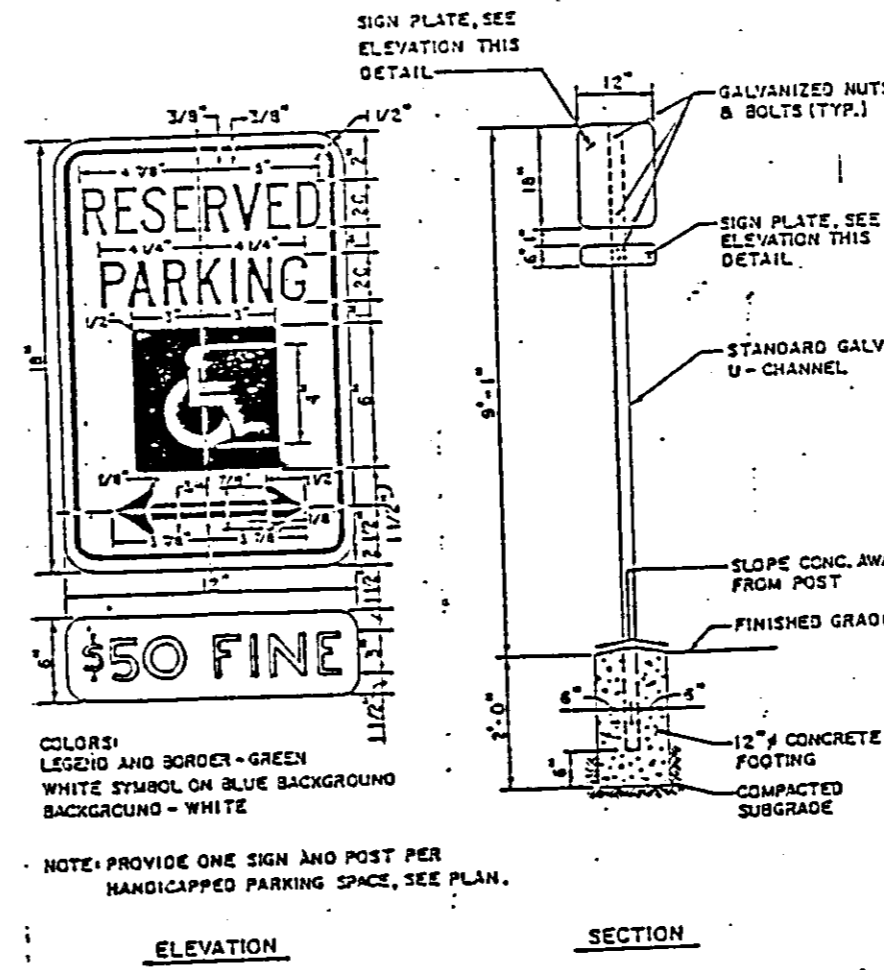
3. HANDICAP RAMP



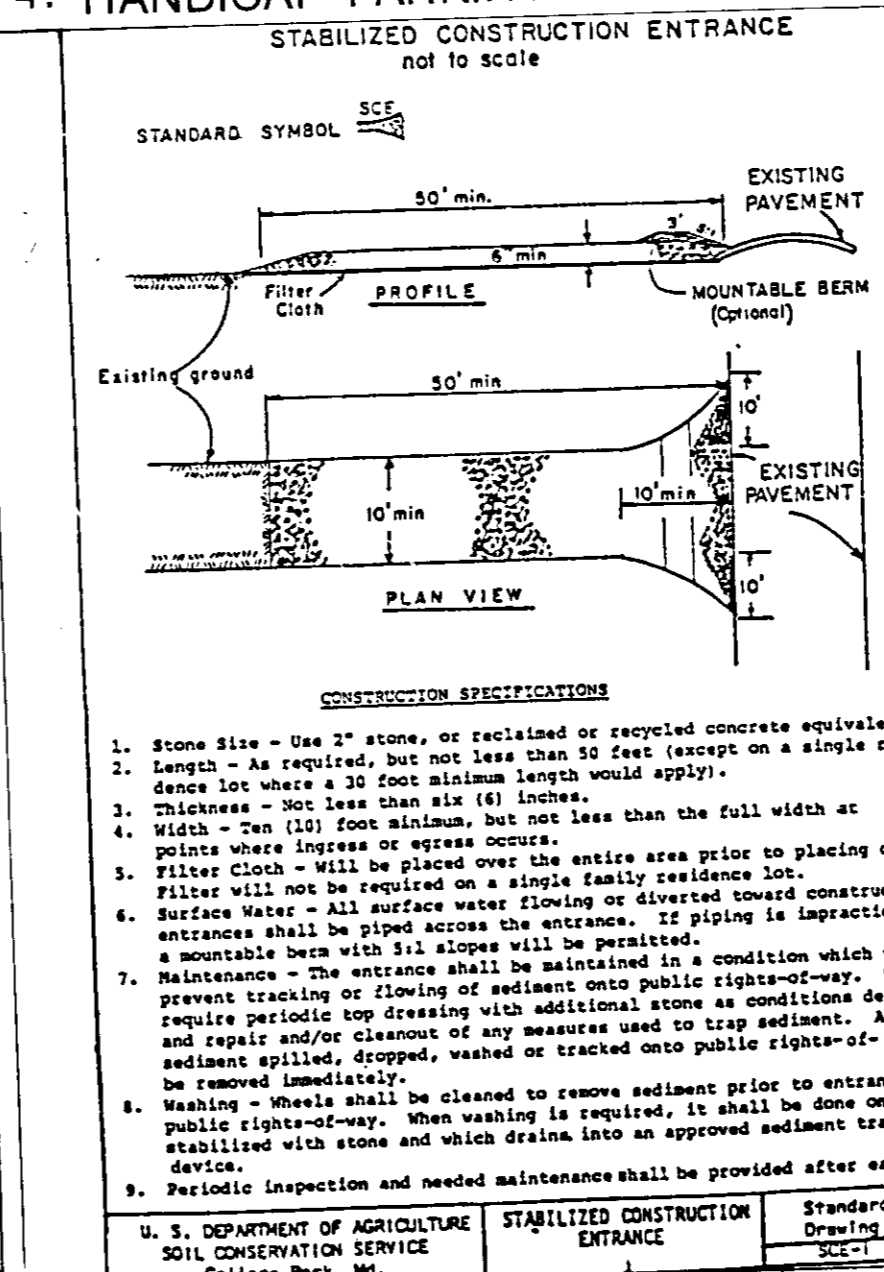
7. STRAW BALE DIKE



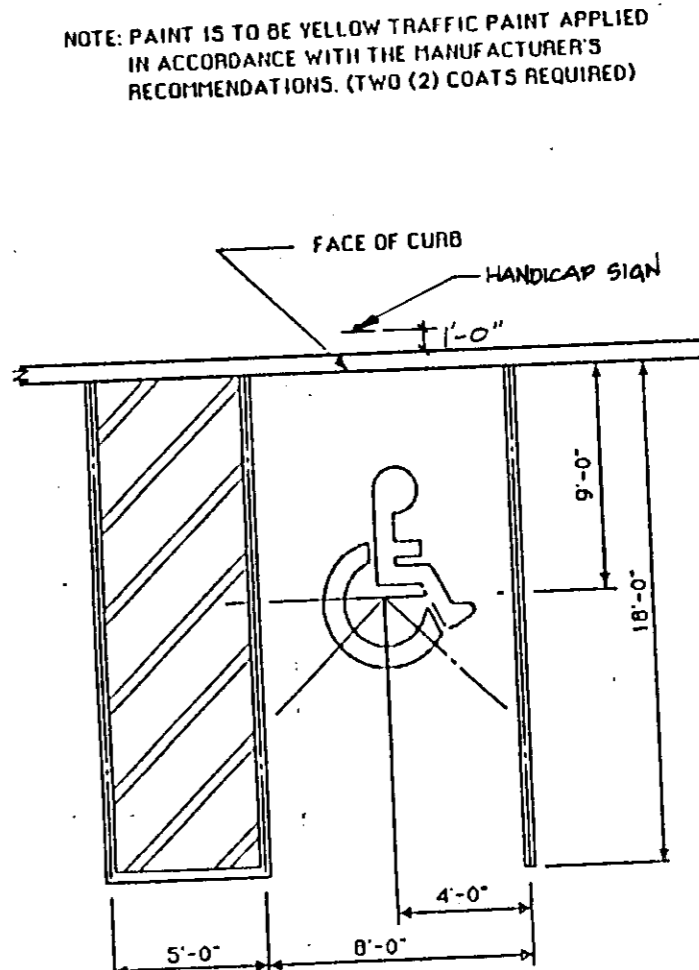
8. SILT FENCE



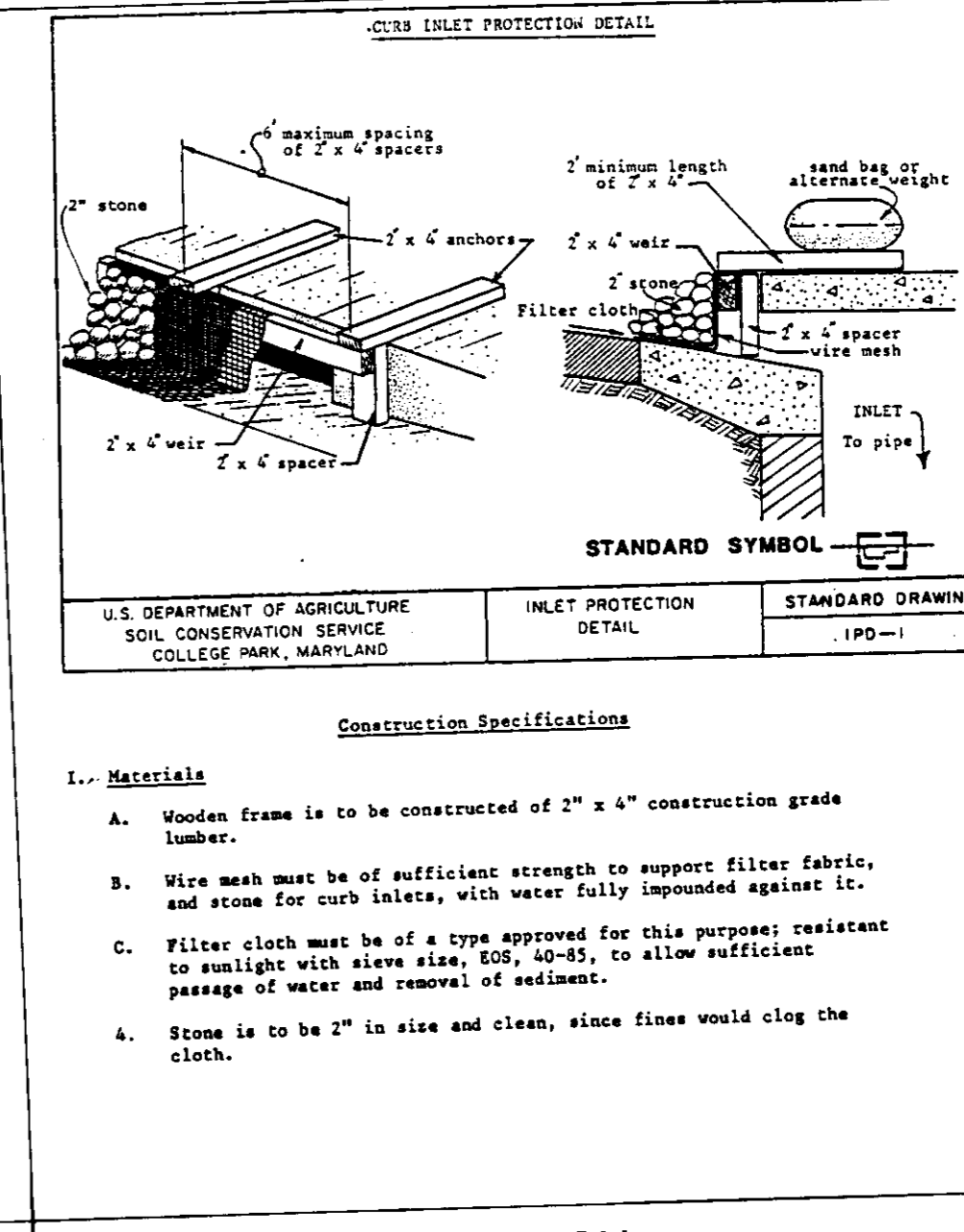
4. HANDICAP PARKING SIGN



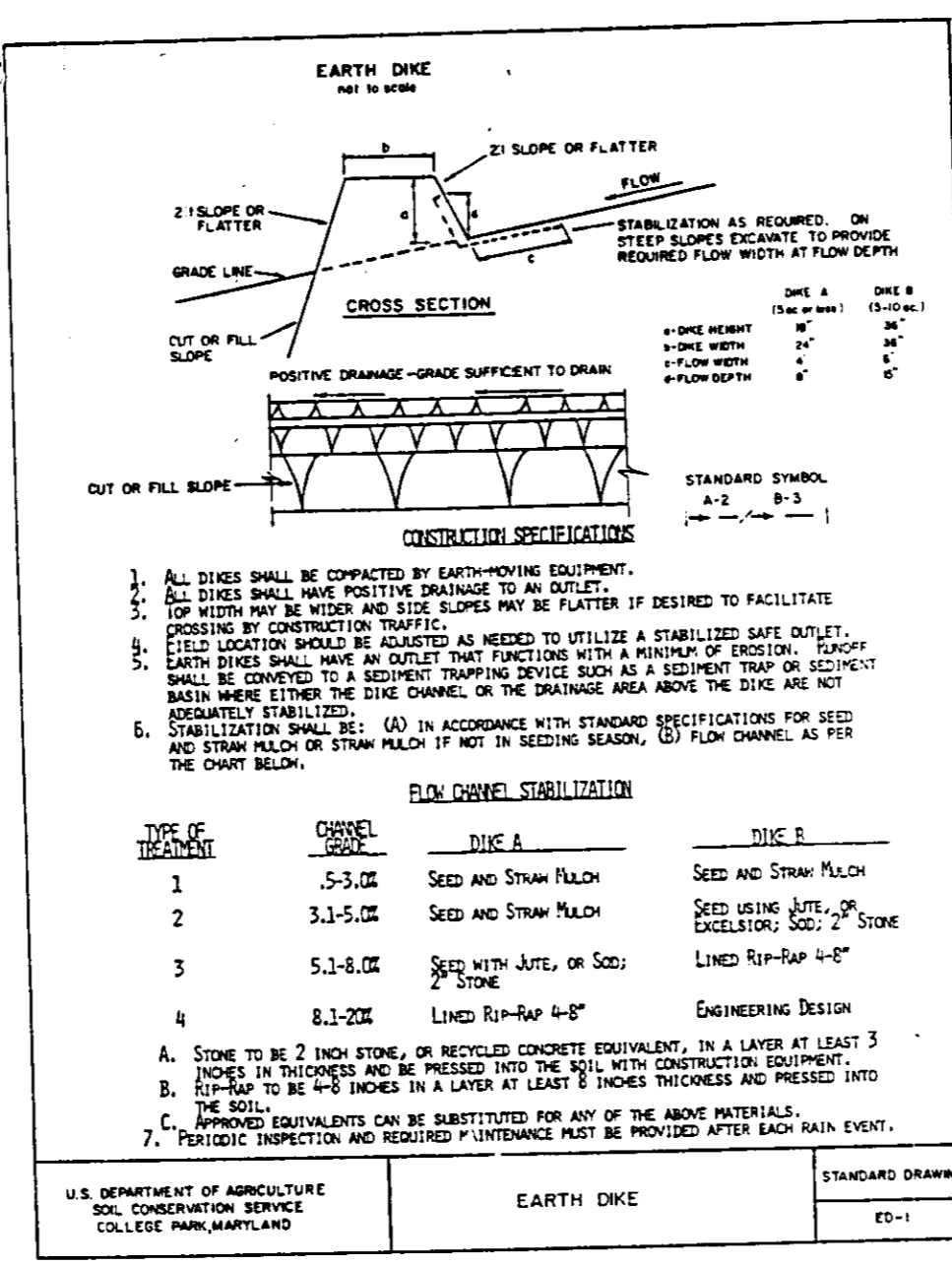
9. CONSTRUCTION ENTRANCE



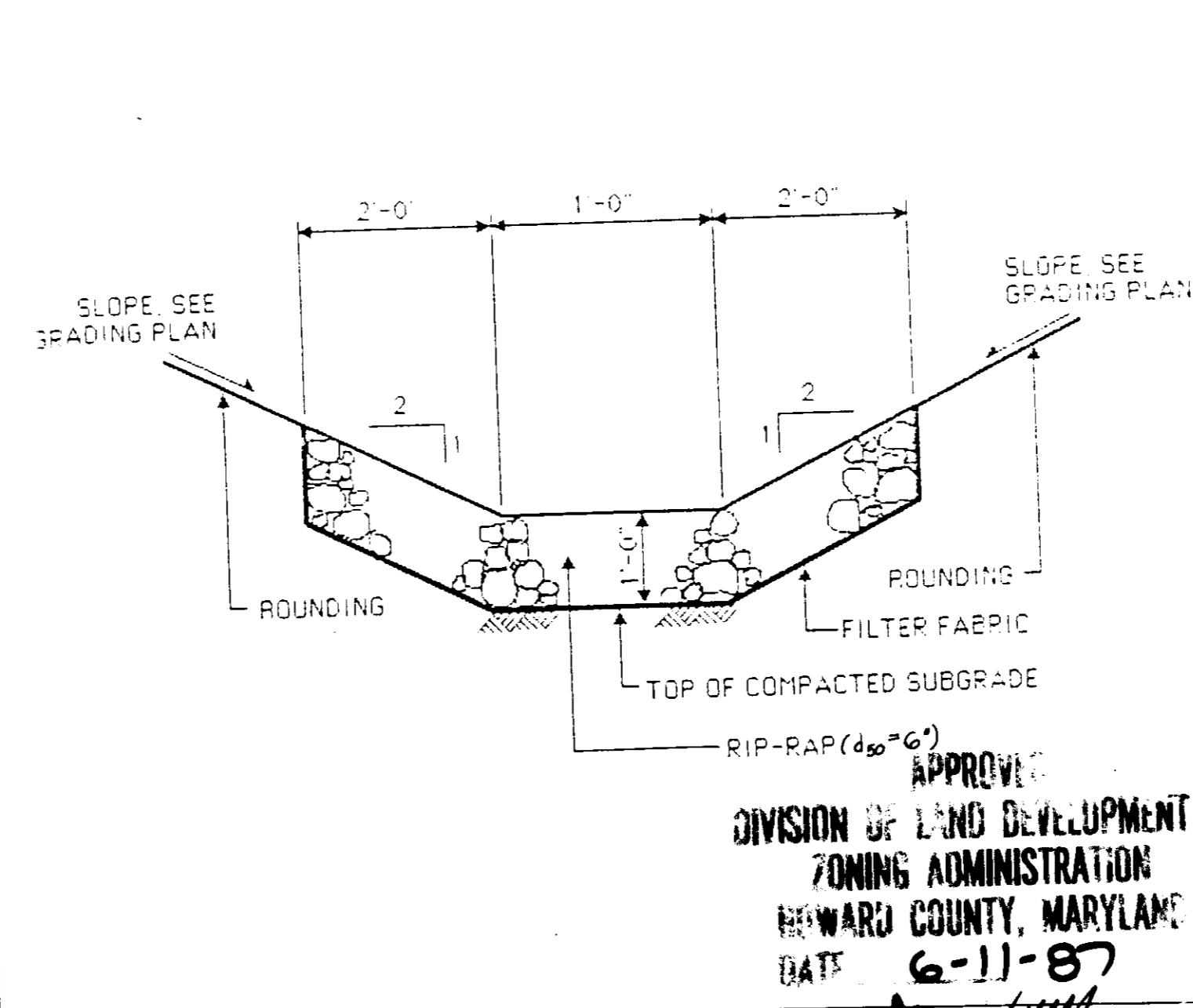
5. PAVEMENT MARKINGS



10. INLET PROTECTION



12. EARTH DIKE



13. RIPRAP CHANNEL

DATE NO	REVISION
PROJECT: THE JUNCTION INDUSTRIAL PARK	
6th ELECTION DISTRICT HOWARD CO., MARYLAND	
SECTION 2 AREA 1 PARCEL	
TITLE: SD-7	
DETAILS	
OWNER: 7240 PARKWAY DRIVE SUITE 170 HANOVER, MARYLAND 21076	
OWNER: WHITNEY, BAILEY, COX & MAGNANI CONSULTING ENGINEERS 1850 YORK ROAD TIMONUM, MARYLAND 21093 301-252-6060	
DATE: 7/21/87	DESIGNED: RZB
DATE: 9-2-87	DRAWN: RZB
DATE: 9-4-87	CHECKED: PD
DATE: 9-11-87	PROJECT NO. 86266
DATE: 9-8-87	DATE: 5-6-87
DATE: 6-11-87	SCALE: NOT TO SCALE
DATE: 6-11-87	DRAWING NO. 7 OF 7