

INLET SCHEDULE					MANHOLE SCHEDULE						
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	REMARKS	NO.	TYPE	SIZE	INV. OUT	TOP ELEV.	REMARKS
I-1	TYPE 2 INLET	206.45	206.70	212.00	HOW. CO. STND. # 22	M-1	STND	48"	209.90	211.00	HOW. CO. STND. # 601
I-2	TYPE 2 INLET	206.50	206.85	212.00	HOW. CO. STND. # 422	M-2	STND	48"	209.72	209.2	HOW. CO. STND. # 650
I-3	EX.	204.10	202.85	212.17	EX.						
I-4	DBL'S COMB	201.69	201.69	206.0	HOW. CO. STND. # 34						
I-4	DBL'S COMB	201.69	201.69	206.0	HOW. CO. STND. # 34						

STRUCTURE SCHEDULE					
NO.	TYPE	SIZE	INV. OUT	INV. IN	REMARKS
E-1	TYPE 'A'	24"	200.00	200.10	HOW. CO. STND. # 11

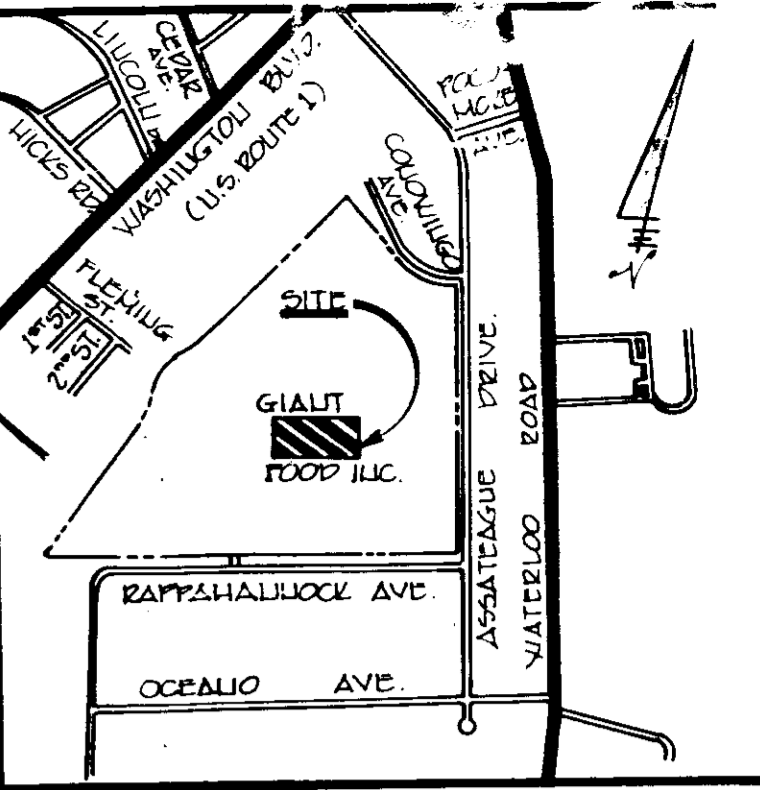
NOTE (TYP.)
SEE ARCHITECT PLAN FOR ALL POINT POINT LOCATIONS

BEUCH MARKS
B.M. #1 - U.S. LEASADPT. OF P.H. ELEV. 212.20
SOUTH OF EX. BUILDING
B.M. #2 - MAIL SET IN EX. PAVEMENT ELEV. 210.84
60' E. AND 15' S. OF EX. BLDG.

NOTE: SEE SHEET 20F2 FOR DETAILS, NOTES AND PROJECT SPECIFICATIONS

PORTION OF STAGING/LOADING AREA EXTENDS ONTO ADJACENT PARCEL 'H' (1493 SF.) USE AGREEMENT TO BE OBTAINED.

PORTION OF TRAILER STORAGE SPACES EXTEND ONTO ADJACENT PARCEL 'A' (8183 SF.) USE AGREEMENT TO BE OBTAINED.



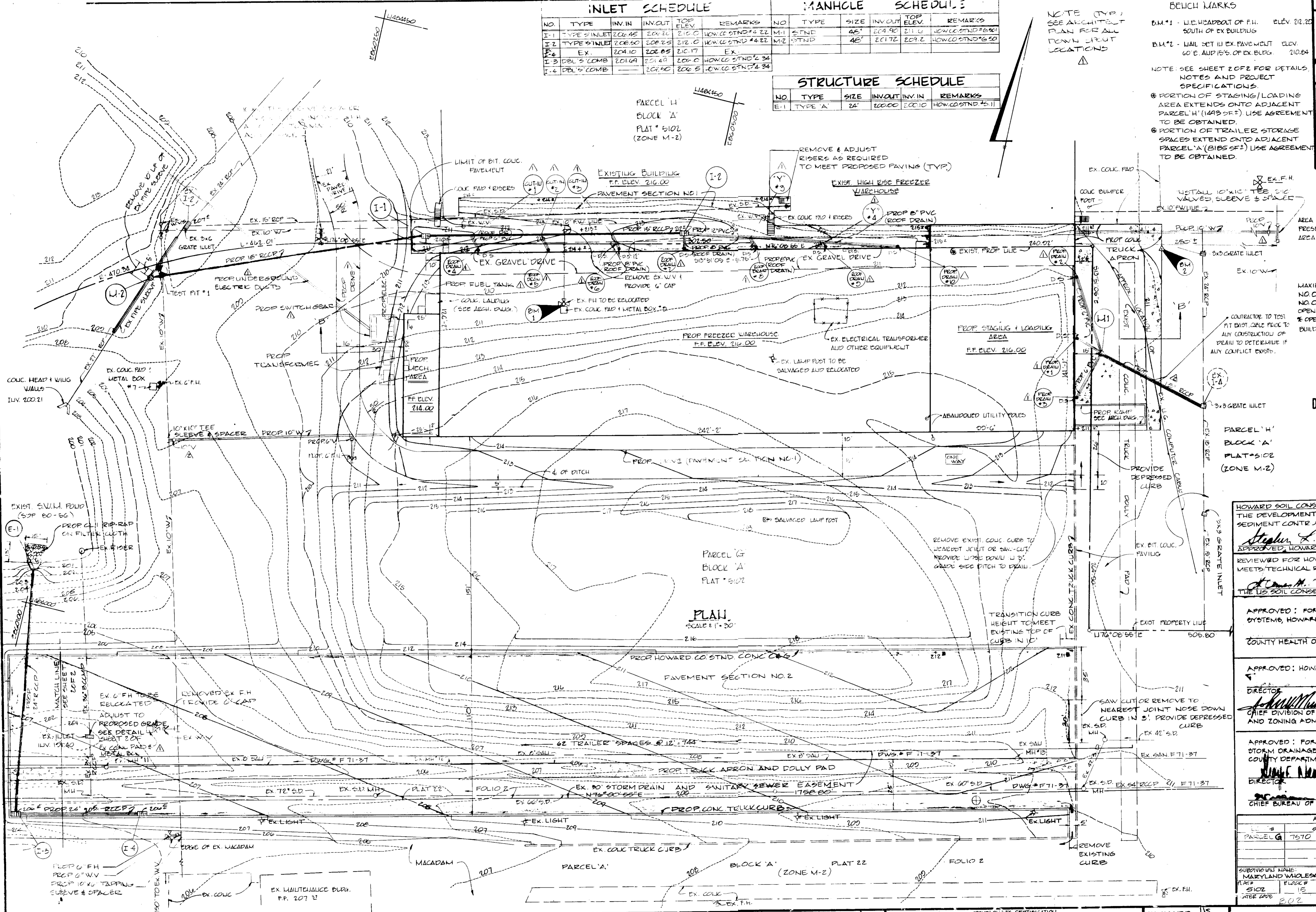
LOCATION MAP
SCALE: 1" = 1000'

SITE ANALYSIS

AREA OF PARCEL (PARCEL G, PLAT #5102) 0.778 AC.
PRESENT ZONING M-2

FREESTER WAREHOUSE STAGING/LOADING MECH. ROOM
42,170 S.F. :
14,025 S.F. :
1,750 S.F. :
58,965 S.F. :
TOTAL

MAXIMUM NO. OF ADDITIONAL EMPLOYEES = 0
NO. OF EMPL. PARKING SPACES REQ. = 0
NO. OF EMPL. PARKING SPACES PROVIDED = 0
OPEN SPACE TO REMAIN ON SITE = 19,245.0 SF
% OPEN SPACE TO REMAIN ON SITE = 45%
BUILDING COVERAGE = 1.310 AC. :
1.310 ÷ 0.778 = 1.68



PROVED AND DEVELOPMENT ADMINISTRATION
DIVISION C ZONING HOWARD COUNTY, MARYLAND
DATE 9-30-86
M/JMM

HOWARD SOIL CONSERVATION DISTRICT
THE DEVELOPMENT IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
DATE 10/20/86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING
DIRECTOR DATE 10-27-86

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF BUREAU OF ENGINEERING

HOWARD SOIL CONSERVATION DISTRICT
THE DEVELOPMENT IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
DATE 10/20/86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF BUREAU OF ENGINEERING

HOWARD SOIL CONSERVATION DISTRICT
THE DEVELOPMENT IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
DATE 10/20/86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF BUREAU OF ENGINEERING

HOWARD SOIL CONSERVATION DISTRICT
THE DEVELOPMENT IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
DATE 10/20/86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF BUREAU OF ENGINEERING

HOWARD SOIL CONSERVATION DISTRICT
THE DEVELOPMENT IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
DATE 10/20/86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 10-27-86

CHIEF BUREAU OF ENGINEERING

ADDRESS SHEET

STREET ADDRESS
PARCEL G 7570 ASPLATEAU DRIVE

SUBSIDIARY NAME: MARYLAND WHOLESALE FOOD CENTER
PLAT # 5102
BLOCK # 1E
ZONE M-2
DATE 8/2/86

SECT. AREA 21.000
SECT. 1 PLK. 1
ELECT. DIST. 20.000
CELLULAR TRNG. 20.000

SITE PLAN FOR GIANT FOOD LLC
PROP. FOOD WAREHOUSE ADDITION
MARYLAND WHOLESALE FOOD CENTER
SECTION ONE, MARYLAND, PARCELS 'G' & 'H' (PLAT # 5102)
HOWARD COUNTY, MARYLAND
PARCEL G 11
ELECT. DIST. NO. 2
TAX MAP # 43
SCALE: 1" = 30'
SHEET 1 OF 2

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
303 ALLEGHENY AVENUE
TOWSON, MARYLAND 21204
(301) 825-8120

ENGINEERS CERTIFICATION

I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

John J. Stearn
DATE 10/3/86
REG. NO. 4732

DEVELOPER

GIANT FOOD, INC.
P.O. BOX 1804
WASHINGTON, D.C. 20013
TELEPHONE 301 356 0545

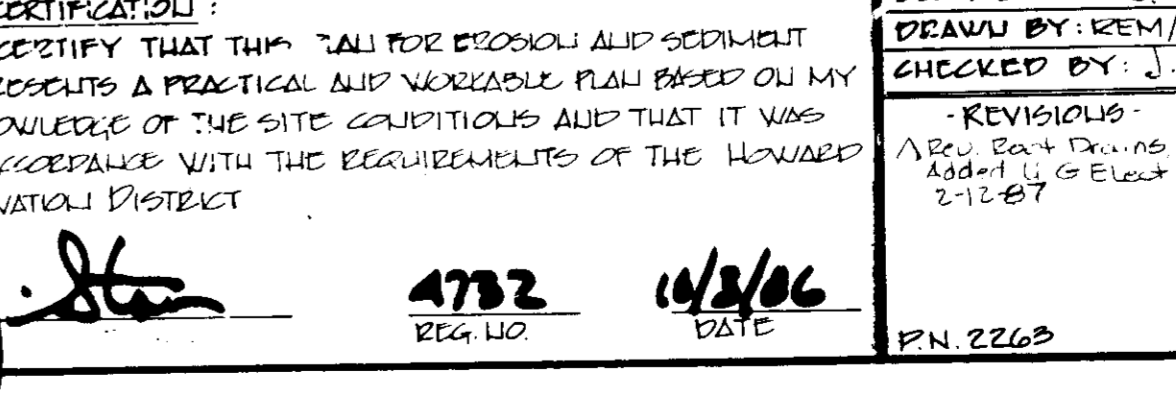
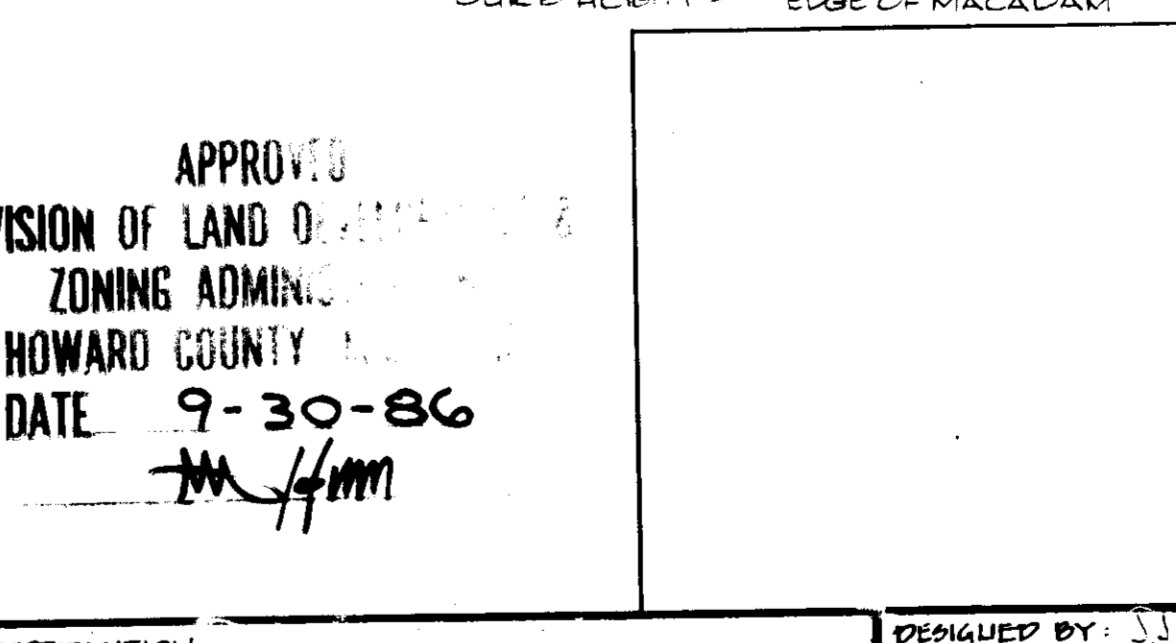
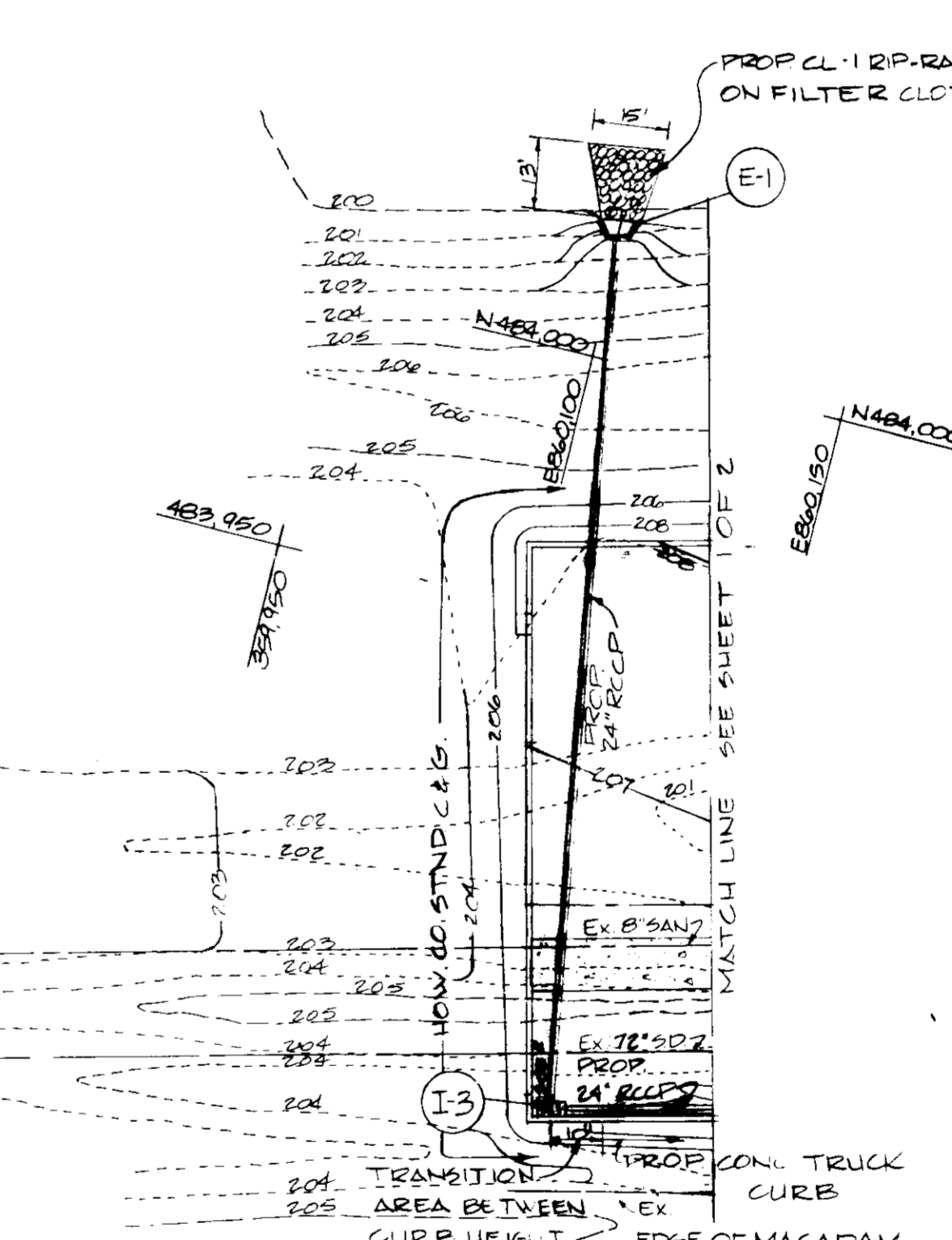
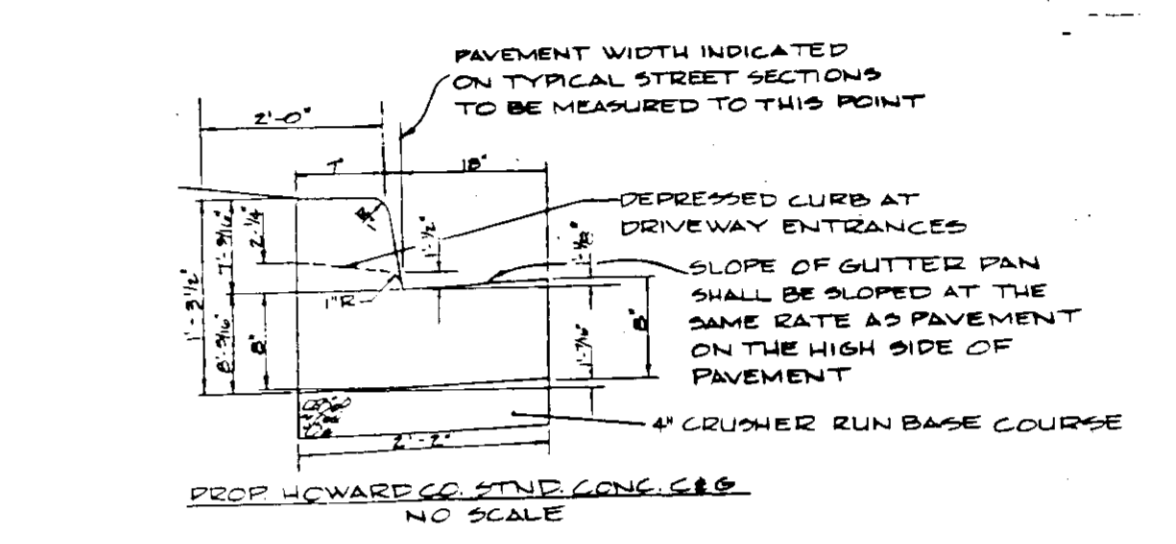
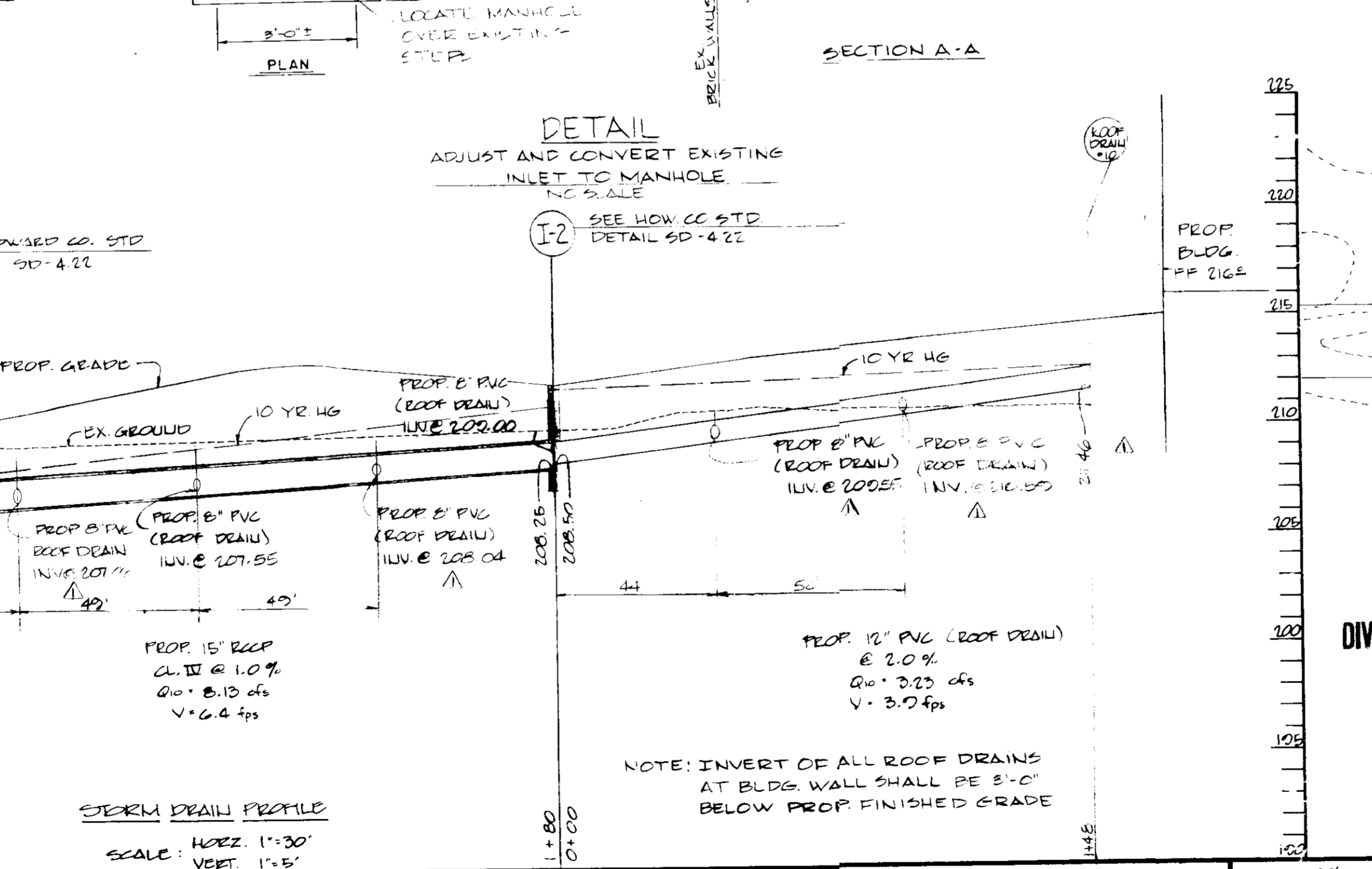
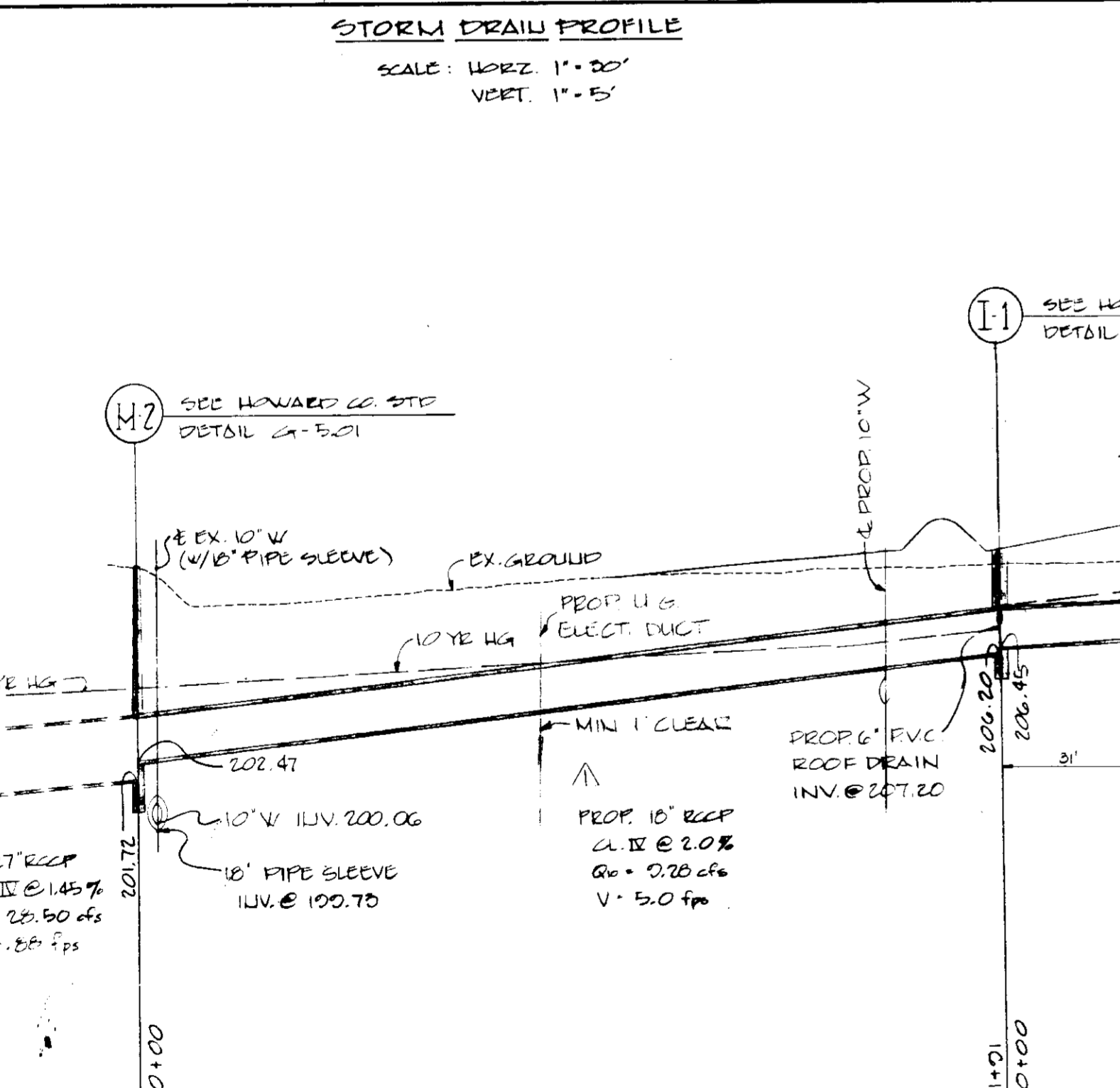
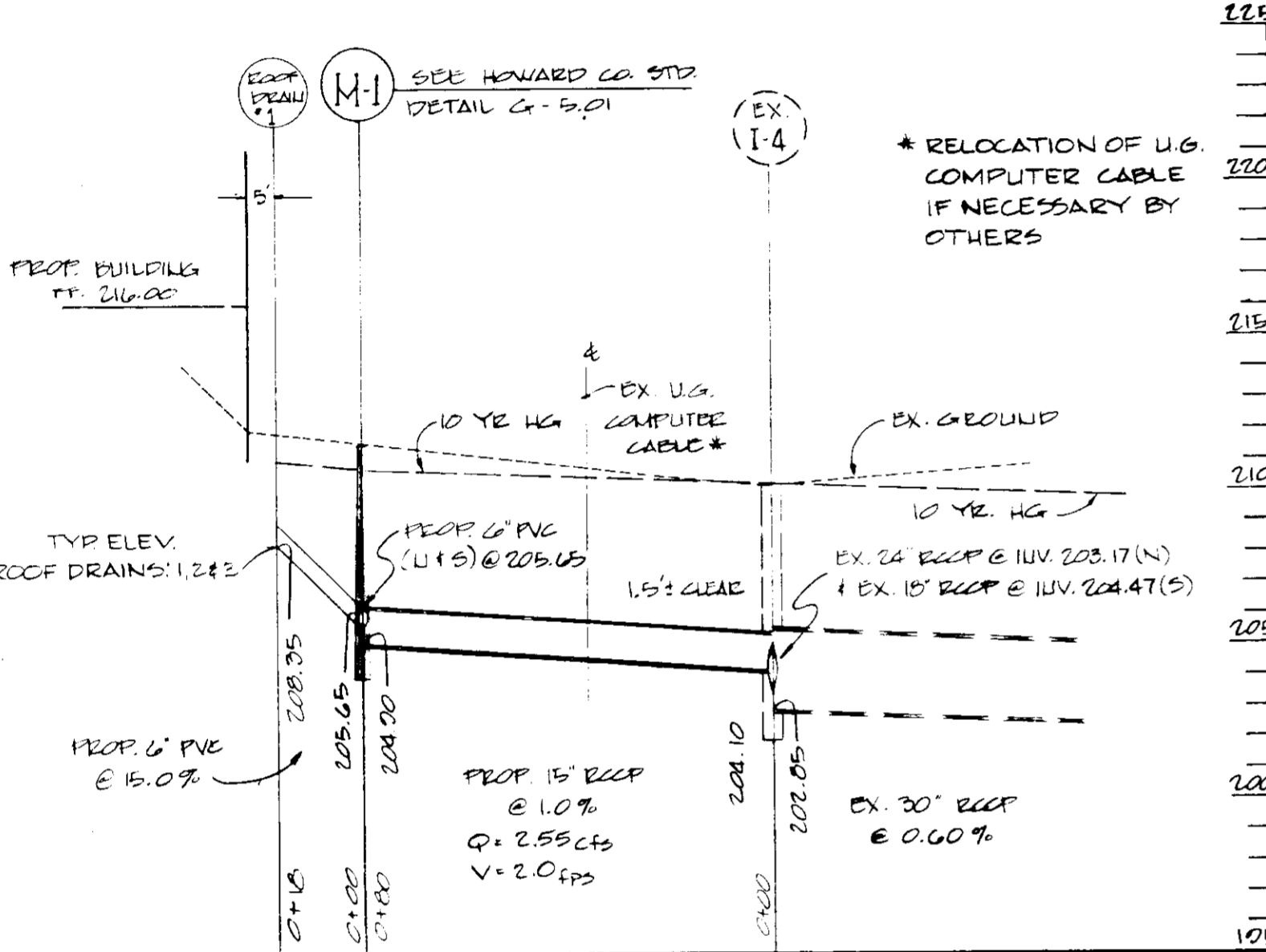
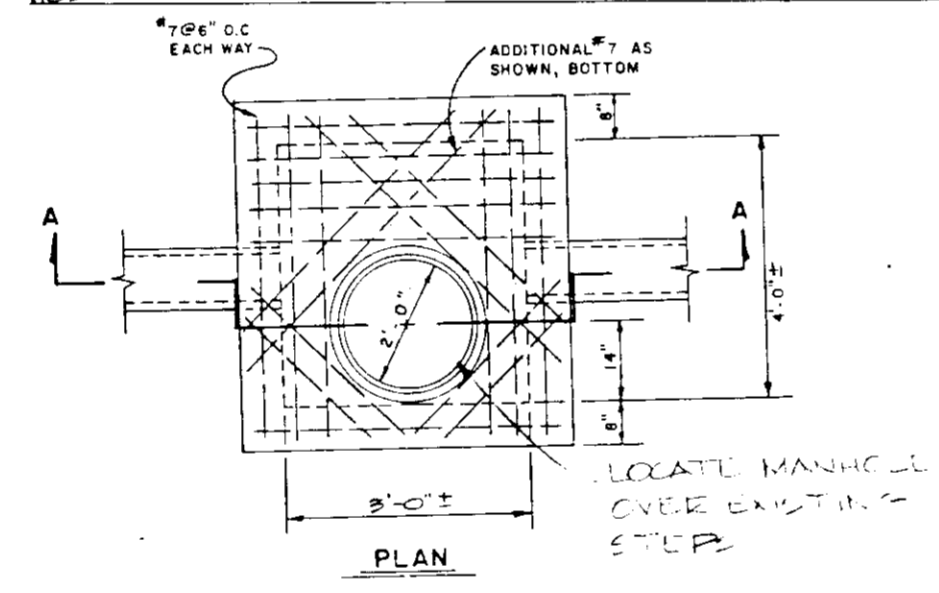
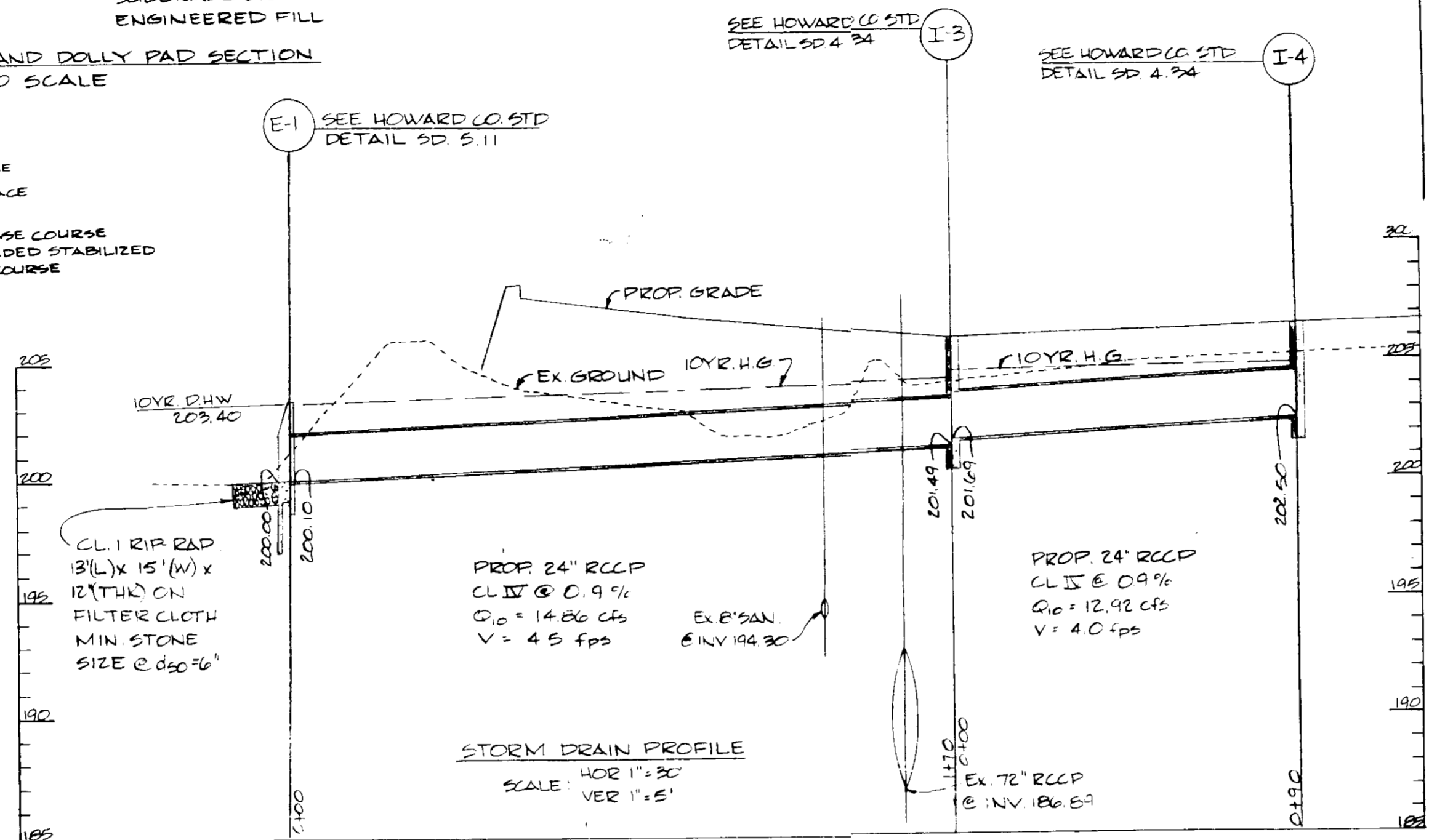
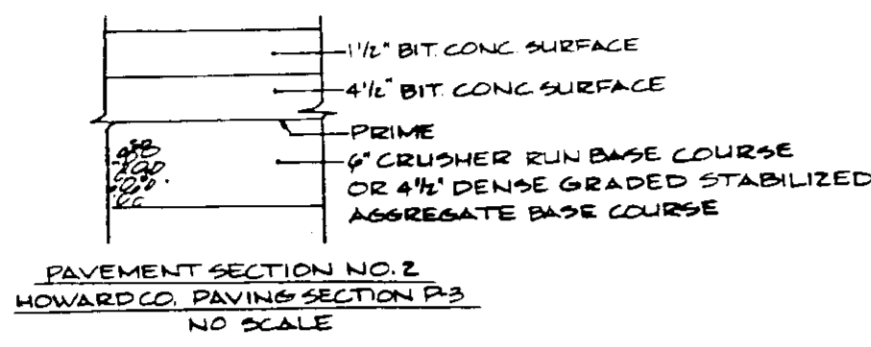
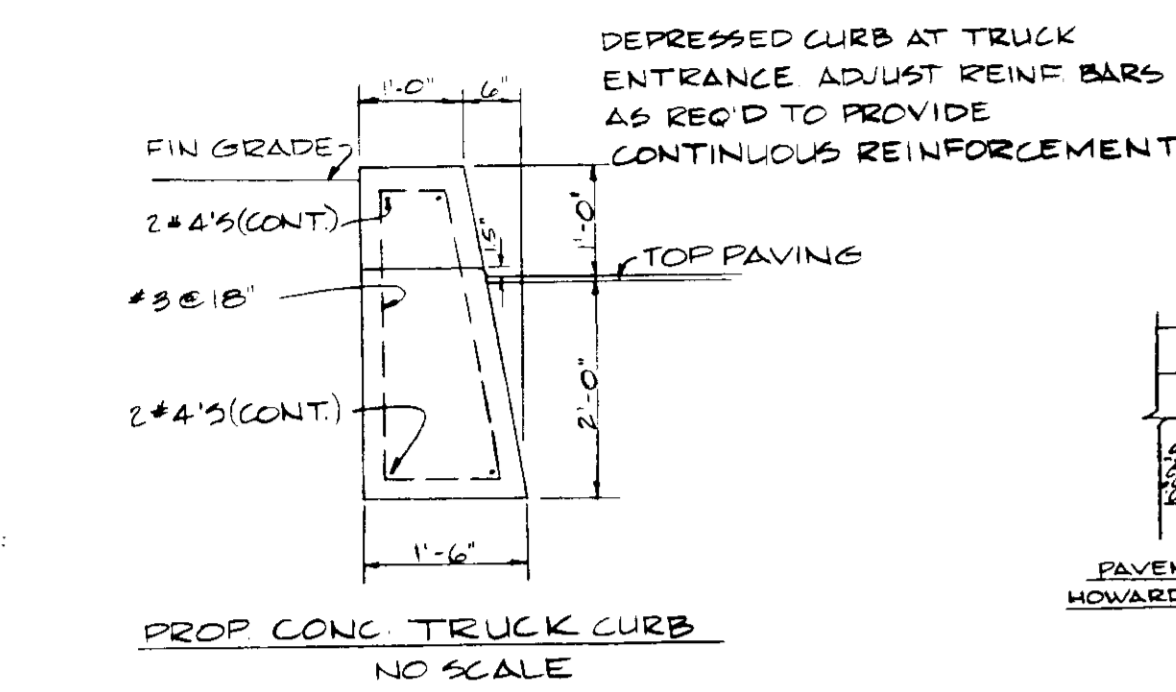
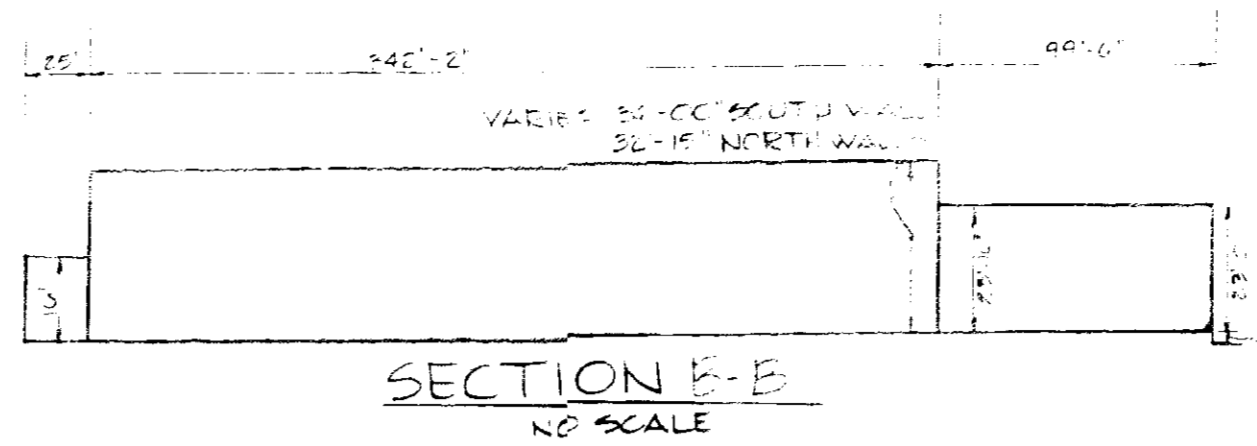
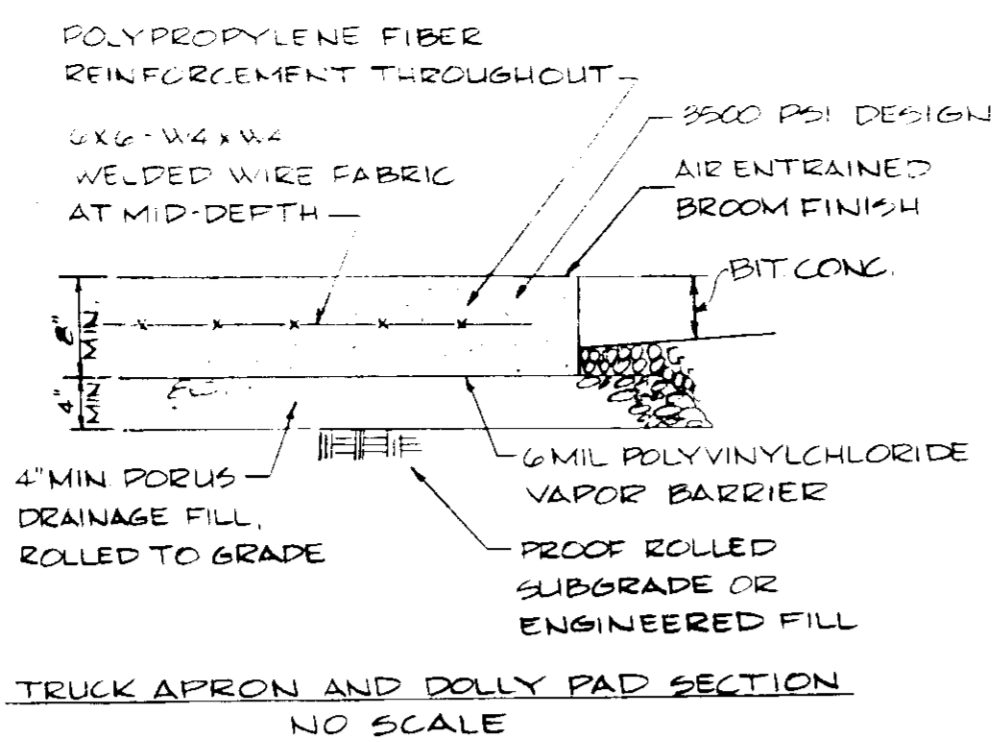
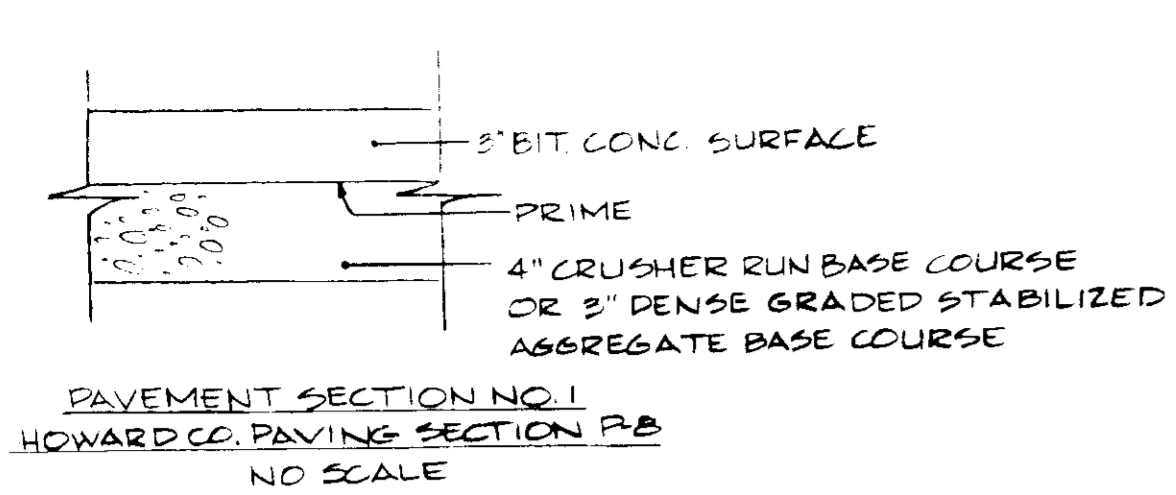
DEVELOPER'S CERTIFICATION

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR SEDIMENT AND EROSION CONTROL, AND I ALSO AUTHORIZE PERSONS ON-SITE REPRESENTING THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS PROVIDED NECESSARY. I ALSO CERTIFY THAT ANY DEVELOPMENT PROJECT WILL BE IN ACCORDANCE WITH THE HOWARD SOIL CONSERVATION DISTRICT'S CERTIFICATE OF APPROVAL AND WITH ALL APPLICABLE REGULATIONS AND ORDINANCES OF THE DISTRICT. I HAVE BEEN ADVISED BY THE DISTRICT THAT THIS PROJECT IS IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND ORDINANCES OF THE DISTRICT.

John J. Stearn
DATE 10/3/86

CHECKED: JJS
DRAWN: REM/DMD
CHECKED: JJS

GIANT FOOD, INC.
P.O. BOX 1804
WASHINGTON, D.C. 20013
TELEPHONE 301 356 0545



DA.	AREA AC.	'C'
A	0.11	0.05
B	0.11	0.05
C	0.11	0.05
D	0.08	0.05
E	0.16	0.05
F	0.16	0.05
G	0.16	0.30
H	0.16	0.05
I	0.16	0.05
J	0.16	0.05
K	0.10	0.00
L	0.08	0.05
M	1.85	0.74
N	.74	0.95

- GENERAL NOTES
- No new employees are anticipated for the proposed addition to the existing freezer warehouse.
 - Storm water management for the proposed addition has been provided for in the design of existing storm water management facilities approved under SDP 80-56.
 - All adjacent property is zoned M-2.
 - All required landscaping has been provided under SDP 80-56.
- PROJECT SPECIFICATIONS
- All construction shall be in strict accordance with the Howard County Standard Specifications and details for construction, "Volume IV".
 - The Contractor shall notify the Gas Telephone Company and the Gas and Electric Company five days prior to starting work by calling "Pace Utility" (1-53-9100).
 - The Contractor or Developer shall contact the Construction Inspection/Survey Division 24 hours in advance of beginning work # 992-2417 or 792-7272.
 - Water valves shown are taken from proposed construction drawings. Contractor shall verify actual location of valves and coordinate his efforts for watermain abandonment and watermain extension with the Giant Food plant superintendent before shutting any on-site valves.
 - All manholes shall have a minimum of 4'-0" cover.
 - All disturbed areas not paved shall receive 2" of topsoil and seed and mulch.
 - Cutting of existing paving shall be kept to the minimum widths possible and subsequent patching shall be in accordance with Howard County Standard Detail G-4.0' for the respective pavement type encountered.
 - All trenches in existing or proposed paving shall be backfilled with suitable soils and shall receive full trench compaction.
 - All material removed during construction such as paving, curb, concrete, abandoned utility poles, etc., shall be disposed of by the Contractor of the Giant Food site.
 - Existing manholes within proposed paving shall be braced to the beginning of excavation and extended to proposed grade in accordance with the Howard County Standards for manholes including additional manhole steps as required, using similar materials.

THESE PLANS FOR SMALL ROAD CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *John M. Nelson* 10-20-86
 438A - SOIL CONSERVATION DISTRICT CONSENT AND DATE

PLANNING

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

APPROVED: *Stephen J. Smith* 10/20/86
 APPROVED HOWARD SOIL CONSERVATION DISTRICT

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

John M. Nelson 10-21-86
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

John M. Nelson 10-21-86
 DIRECTOR DATE

John M. Nelson 10-27-86
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

John M. Nelson 10-22-86
 DIRECTOR DATE

John M. Nelson 10-21-86
 CHIEF BUREAU OF ENGINEERING DATE

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 303 ALLEGHENY AVENUE
 TOWSON, MARYLAND 21204
 (501)825-8120

John M. Nelson 10/15/86

DEVELOPER'S CERTIFICATION

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR SEDIMENT AND EROSION CONTROL, AND I ALSO AUTHORIZE PERSONS ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY. I ALSO CERTIFY THAT ANY RESEMBLANCE PERSON 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 & EROSION BEFORE BEGINNING THIS PROJECT.

DEVELOPER

GIANT FOOD, INC.
 P.O. BOX 1804
 WASHINGTON, DC 20013
 TELEPHONE 301-381-9555

John M. Nelson 10/30/86

PLANNING

APPROVED: *John M. Nelson* 9-30-86
 DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 HOWARD COUNTY
 DATE 9-30-86

DESIGNED BY: J.S.S.
 DRAWN BY: REM/DM2
 CHECKED BY: J.S.S.

REVISIONS:
 1. 10/24/86
 2. 11/1/86

PLAN DETAILS AND PROFILES FOR GIANT FOOD, INC. PRODUCE WAREHOUSE ADDITION MARYLAUD WHOLESALE FOOD CENTER SECTION ONE, BLDG. 'A', PARCELS G+H (FLAT # 5102)

ELECTION DISTRICT 'G' HOWARD CO. MARYLAUD
 TAX MAP # 43 PARCEL G
 SCALE: 1"=30' AUGUST 25, 1986 SHEET 2 OF 2

SDP-87-50

LEFT SIDE EMBANKMENT
 VOLUME REQUIRED = 2,068.77 FT³
 VOLUME PROVIDED = 2,068.77 FT³
 TOP OF EMBANKMENT = 206.00
 SPILLWAY CREST = 206.00
 BOTTOM OF CATCH BASIN = 200.00
 CLEANOUT ELEV. = 200.00

EXISTING DA TO EARTH DIKE (A) = 2.95 AC ±

PROPOSED DA TO EARTH DIKE (A) = 0.80 AC ±

PORTION OF TRAILER STORAGE SPACES EXTEND INTO ADJACENT PARCELS (SEE SITE USE AGREEMENT TO BE OBTAINED)

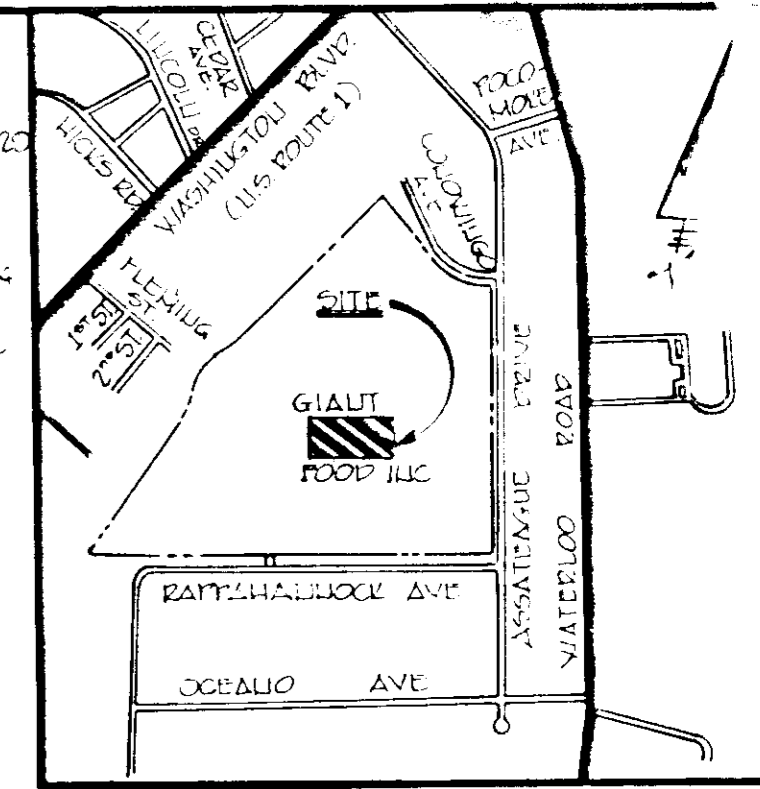
LEGEND

- PROJECT DRAINAGE AREA
- EXISTING DRAINAGE AREA
- LIMIT OF DISTURBANCE
- STORM DRAIN INLET PROTECTION
- EARTH DIKE
- STRAW BALE DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- MOUNTABLE BERM M.F.

BENCH MARKS

- B.M. #1 - W.E. HEADPOST OF FH. ELEV. 202.20 SOUTH OF EX. BUILDING
- B.M. #2 - MAIN SET IN EX. PAVEMENT. ELEV. 200.00 E. END OF EX. DRIVE

NOTE: SEE SHEET 2 OF 2 FOR DETAILS, NOTES AND PROJECT SPECIFICATIONS



LOCATION MAP
 SCALE: 1" = 100'

SITE ANALYSIS

AREA OF PARCEL (PARCELS & PLAT 5102)	2,776.41
PRESENT ZONING	M-2
AREA:	
FREEZE WAREHOUSE	32,170.00
STORAGE	14,000.00
MECH. ROOM	1,700.00
TOTAL	58,870.00
MAXIMUM USE OF ADDITIONAL EMPLOYEES	0
NO. OF EMP. PARKING SPACES REQ.	0
NO. OF EMP. PARKING SPACES PROVIDED	103,000.00
OPEN SPACE TO REMAIN ON SITE	1,250.00
PAVING COVERAGE	1,250.00
ANY COMMENTS	

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY
 DATE: 9-30-86
 [Signature]

HOWARD SOIL CONSERVATION DISTRICT
 THE DEVELOPMENT IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 Stephen J. Huber 10/20/86
 APPROVED: HOWARD SOIL CONSERVATION DISTRICT DATE
 REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 [Signature] 10/20/86
 THE UNITED STATES SOIL CONSERVATION SERVICES DATE

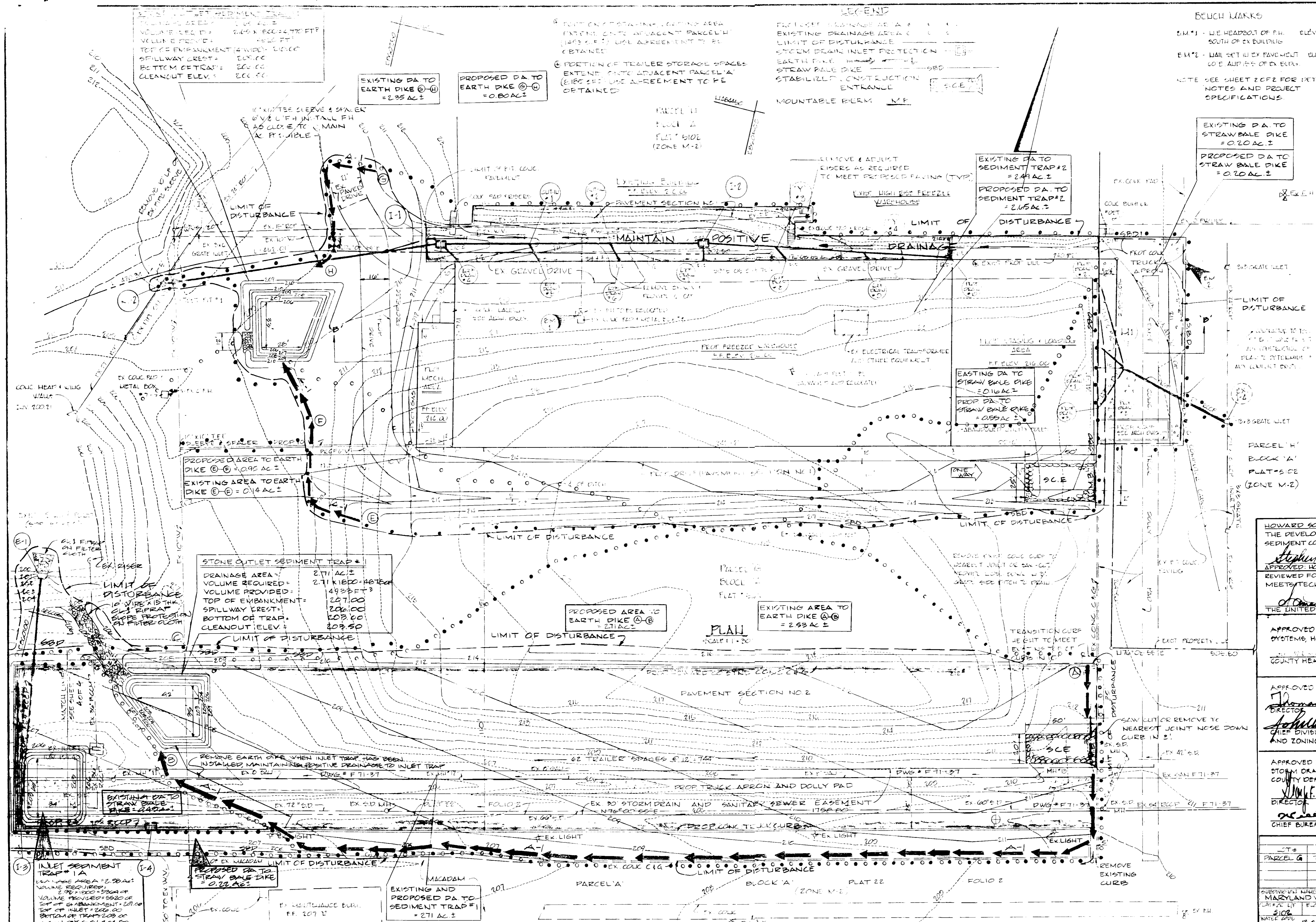
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 DIRECTOR: Thomas J. [Signature] 10-27-86
 [Signature] 10-27-86
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR: [Signature] 10-27-86
 [Signature] 10-27-86
 CHIEF BUREAU OF ENGINEERING DATE

ST#	STREET ADDRESS
PARCEL G	7570 AQUATEAGUE DRIVE
SUBDIVISION NAME	MARYLAND WHOLESALE FOOD CENTER
PLAT	5102
BLK	15
ZONE	M-2
UNITS	43
ACRES	6.66
DATE	8/25/86
PROJECT NO.	320000

SEDIMENT AND EROSION CONTROL - FOR -
 GIANT FOOD INC.
 FREEZE FOOD WAREHOUSE ADDITION
 MARYLAND WHOLESALE FOOD CENTER
 SECTION 002, BLK. A, PARCELS G (H) (PLAT 5102)
 ELECTION DISTRICT NO. 6 HOWARD CO. MARYLAND
 TAX MAP #42 PARCEL G-11
 SCALE: 1" = 30' AUGUST 25, 1986 SHEET 2 OF 4



STONE OUTLET SEDIMENT TRAP #1
 DRAINAGE AREA = 2.71 AC ±
 VOLUME REQUIRED = 2,711,850.48 FT³
 VOLUME PROVIDED = 4,938,871.33 FT³
 TOP OF EMBANKMENT = 207.00
 SPILLWAY CREST = 206.00
 BOTTOM OF TRAP = 203.00
 CLEANOUT ELEV. = 203.50

PROPOSED AREA TO EARTH DIKE (A) = 2.11 AC ±

EXISTING AREA TO EARTH DIKE (A) = 2.93 AC ±

PLAN

SCALE: 1" = 30'

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 303 ALLEGHENY AVENUE
 TOWSON, MARYLAND 21204
 (301) 256-6120

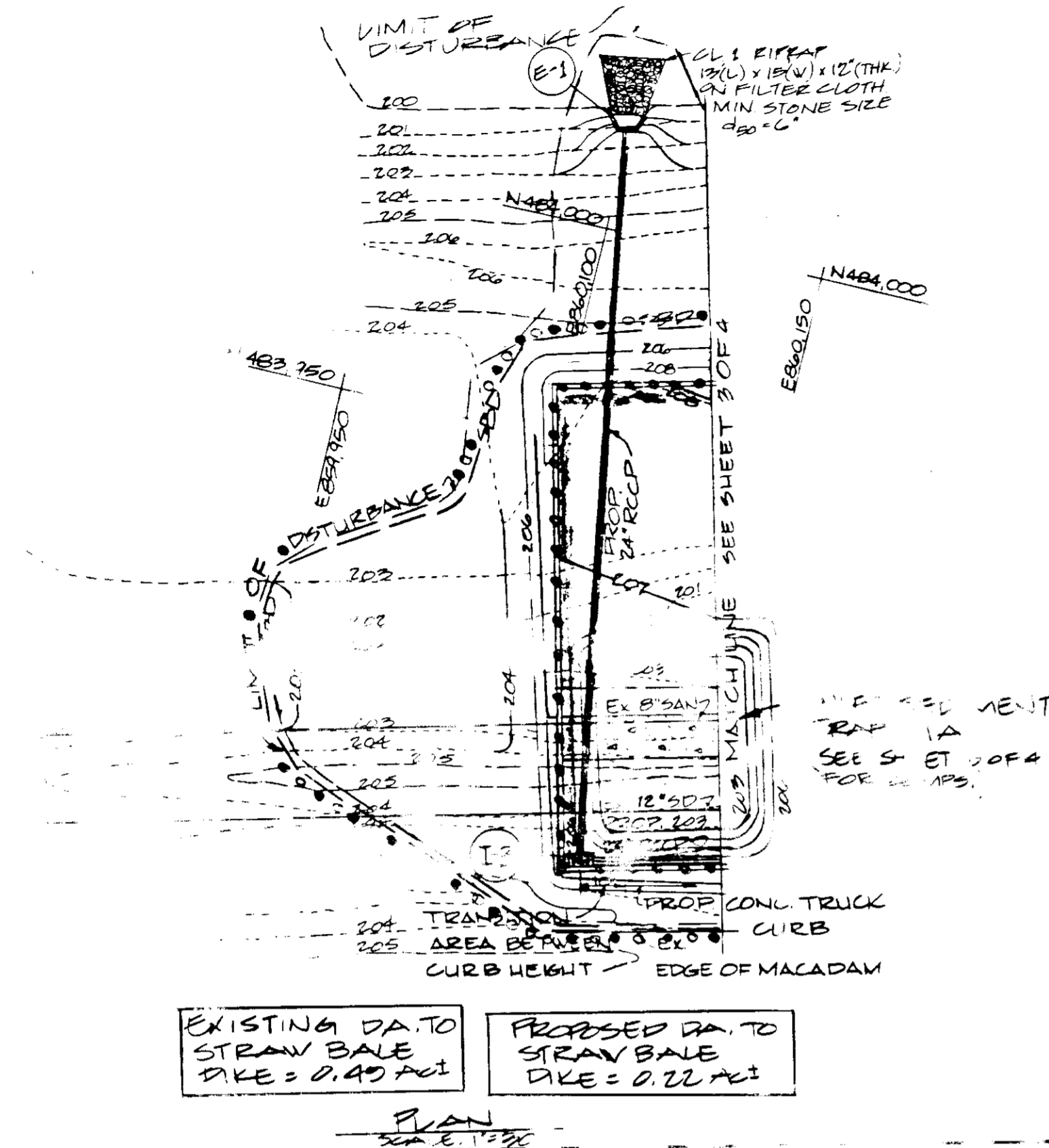
ENGINEERS CERTIFICATION
 I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 [Signature] 4732 10/3/86
 NAME REG. NO. DATE

DEVELOPER
GIANT FOOD, INC.
 P.O. BOX 1804
 WASHINGTON, D.C. 20013
 TELEPHONE 301 386 5563

DEVELOPER'S CERTIFICATION
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR SEDIMENT AND EROSION CONTROL, AND I ALSO AUTHORIZE PERSONS ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY. I ALSO CERTIFY THAT ANY EROSION PREVENTION MEASURES INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTAIN RATE OF ATTENUATION AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TECHNIQUE PROVIDED BY THE DIVISION OF PLANNING & ZONING ADMINISTRATION FOR THIS PROJECT.

DRAWN: D.M.D.
DESIGNED: J.J.S.
CHECKED: J.J.S.
REVISIONS:

PN 2203



SEDIMENT CONTROL NOTES

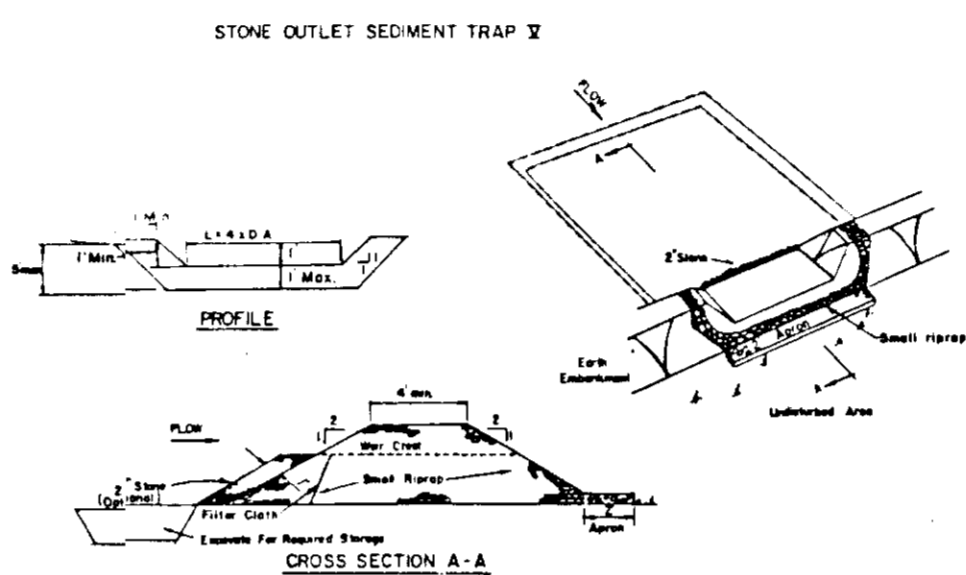
- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (992-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or 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 seedlings (Sec. 51) and (Sec. 54), temporary seedlings (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seedlings do not allow for proper germination and establishment of grasses.
- 6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7) Site Analysis:

Total Area of Site	0.770 acres
Area Disturbed	0.220 acres
Area to be roofed or paved	0.200 acres
Area to be vegetatively stabilized	0.350 acres
Total Cut	2000 Cu. Yds.
Total Fill	2000 Cu. Yds.

 Offsite waste/borrow area location:
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be reworked on the same day of disturbance.
- 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DEP sediment control inspector.

SCHEDULE OF OPERATIONS

1. Obtain grading permits.
2. Notify Howard County Department of Licenses and Permits Inspector 48 hours before beginning work.
3. Install stabilized construction entrances, straw bales, earth dikes and provide inlet protection to existing inlets. 1 Day
4. Construct stone outlet sediment traps No. 1 and 2. 3 Days
5. Begin grading, maintaining positive drainage to the sediment traps. 7 Days
6. Adjust earth dikes, as work progresses, to maintain positive drainage to sediment traps.
7. Install all storm drains and inlets. Provide inlet protection for all inlets as they are installed. 10 Days
8. Construct inlet sediment trap 1A, then remove stone outlet sediment trap #1 and remove portion of earth dike (as shown on plan) maintaining positive drainage to inlet trap.
9. Install all other utilities. 1 Day
10. Install building foundations and base stone for paved areas. 2 Days
11. Fine grade and stabilize all areas that can be, without interfering with the sediment control devices. 3 Days
12. After obtaining permission from the sediment control inspector, during a five day dry weather forecast, remove the sediment traps, adjust to proposed grades and stabilize the area.
13. After obtaining permission from the sediment control inspector, remove the remaining sediment control devices and stabilize the area.

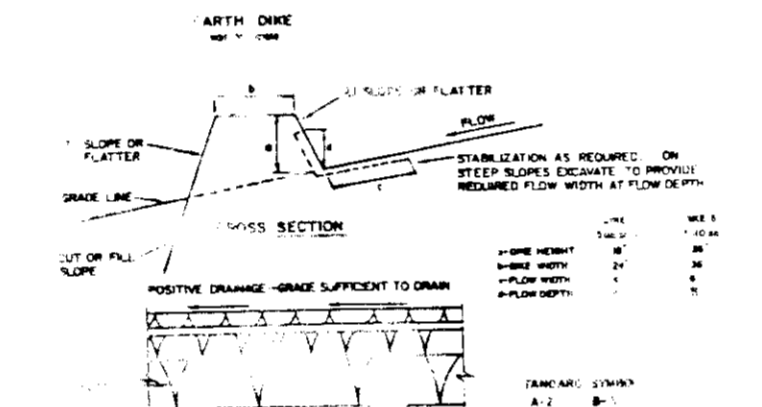


SECTION: A one foot layer of 2" stone shall be placed on the stream side of the trap in place of the embedded filter cloth.

CONSTRUCTION SPECIFICATIONS FOR ST-1

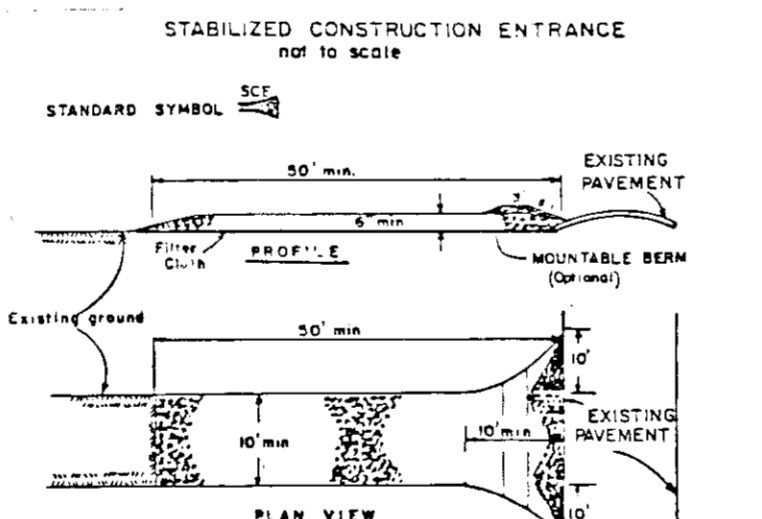
1. Area under construction shall be cleared of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be constructed by "striking" this equipment while it is being constructed.
3. All cut and fill slopes shall be 3:1 or flatter.
4. The trap shall be located on the stream side of the drainage ditch with a 2" stone outlet on the opposite side of the trap.
5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to the drainage depth of the trap.
6. The structure shall be inspected after each rain and repairs made as needed.

SECTION: The structure shall be located on the stream side of the drainage ditch with a 2" stone outlet on the opposite side of the trap.



CONSTRUCTION SPECIFICATIONS

1. Stone size - One 2" stone, or equivalent or recycled concrete equivalent, in a layer at least 12 inches in thickness and 12 inches wide. The stone shall be placed on a 4" layer of 1/2" sand.
2. The stone shall be placed in a layer at least 12 inches thickness and placed into the drainage ditch.
3. The stone shall be placed in a layer at least 12 inches thickness and placed into the drainage ditch.
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TEMPORARY SEEDING NOTES

Seeded Preparations: Loosen upper 1 inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.)

Seeding: For periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs./1000 sq. ft.) of Kentucky 31 tall fescue for the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 tall fescue per acre and 2 lbs. per acre (.05 lbs./1000 sq. ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs./acre Kentucky 31 tall fescue and mulch with 7 tons/acre well anchored straw.

Mulching: Apply 1 1/2 to 2 tons per acre (10 to 90 lbs./1000 sq. ft.) of unwilted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 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.

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

APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-30-86
[Signature]

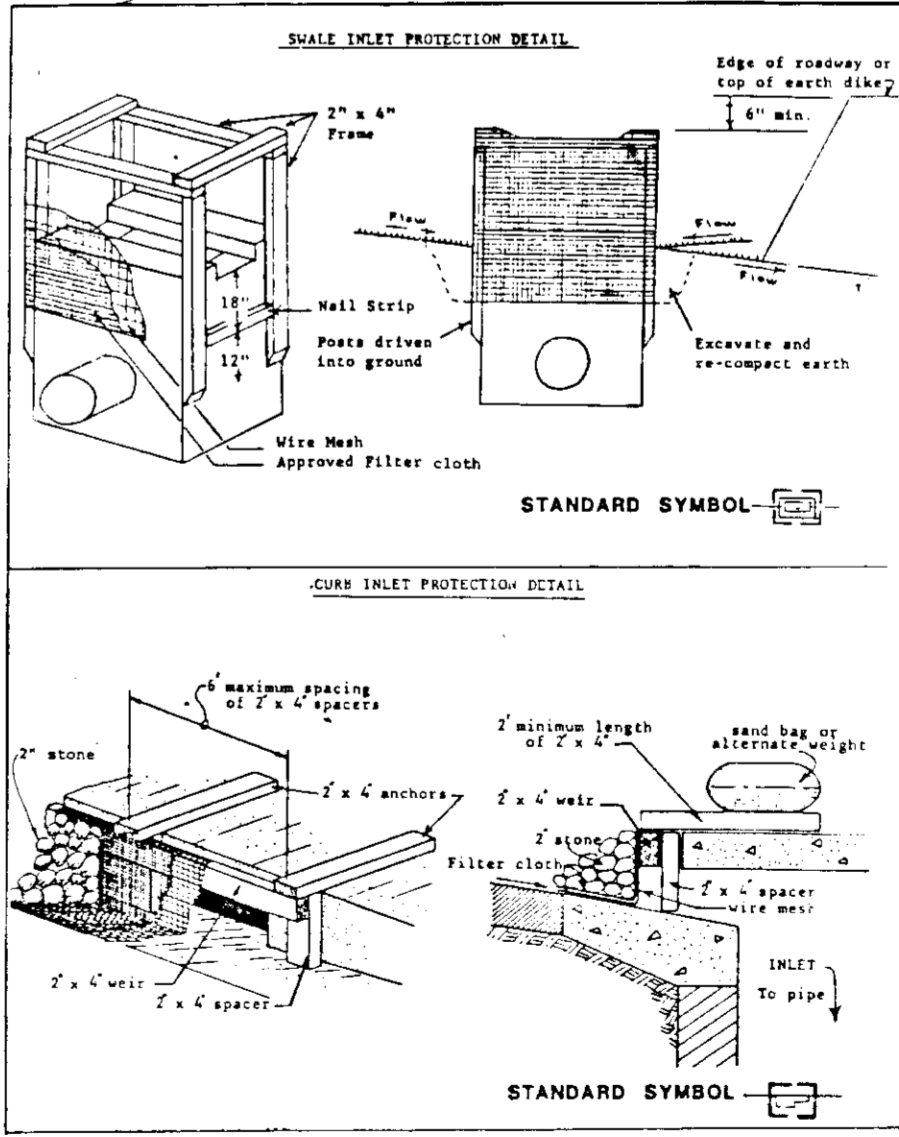
THESE PLANS FOR SMALL BUILD CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT
[Signature] 10-20-86
APPROVED HOWARD SOIL CONSERVATION DISTRICT

PLANS NUMBER
HOWARD SOIL CONSERVATION DISTRICT
THE DEVELOPER IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL ON THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 10-20-86
APPROVED HOWARD SOIL CONSERVATION DISTRICT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DIRECTOR [Signature] 10-27-86
[Signature] 10-27-86
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
[Signature] 10-27-86
DIRECTOR [Signature] 10-27-86
CHIEF BUREAU OF ENGINEERING



GWS
GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
303 ALLEGHENY AVENUE
TOWSON, MARYLAND 21204
(301) 825-6120

ENGINEERS CERTIFICATION
I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
[Signature] 10/3/86
REG. NO. DATE

DEVELOPER
GIANT FOOD, INC.
P.O. BOX 1804
WASHINGTON, D.C. 20013
TELEPHONE 301 281-5555

DEVELOPER'S CERTIFICATION
I hereby certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as deemed necessary. I also certify that any responsible person 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] DATE

DRAWN: D.M.D.
DESIGNED: [Signature]
CHECKED: [Signature]
REVISIONS:

SEDIMENT AND EROSION CONTROL DETAILS
FOR
GIANT FOOD, INC.
FROZEN FOOD WAREHOUSE ADJACENT
MARYLAND WHOLESALE FOOD CENTER
SECTION ONE, BLDG. A, PARCEL G11 (PLAT # 5102)
ELECTION DISTRICT 26
HOWARD COUNTY, MARYLAND
SHEET 4 OF 4
SDP-87-50