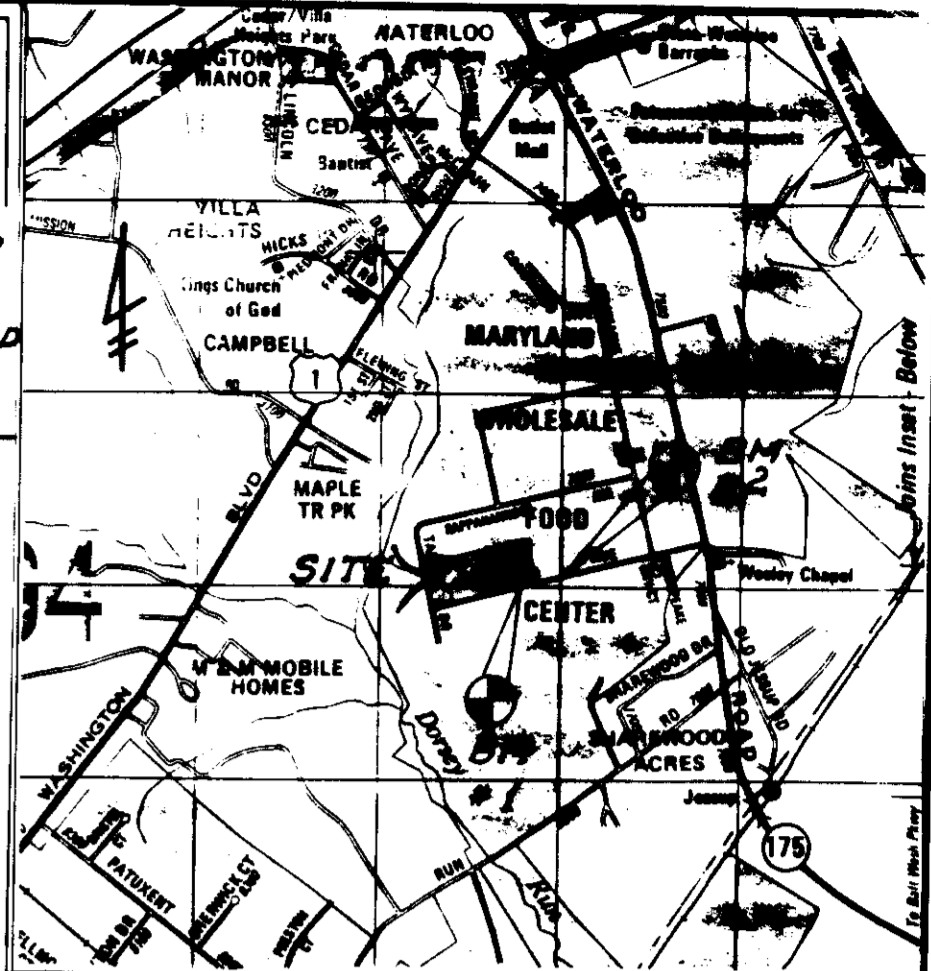


MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK 'A'
PARCEL 'E'
PLAT 29, FOLIO 55
ZONED M-2

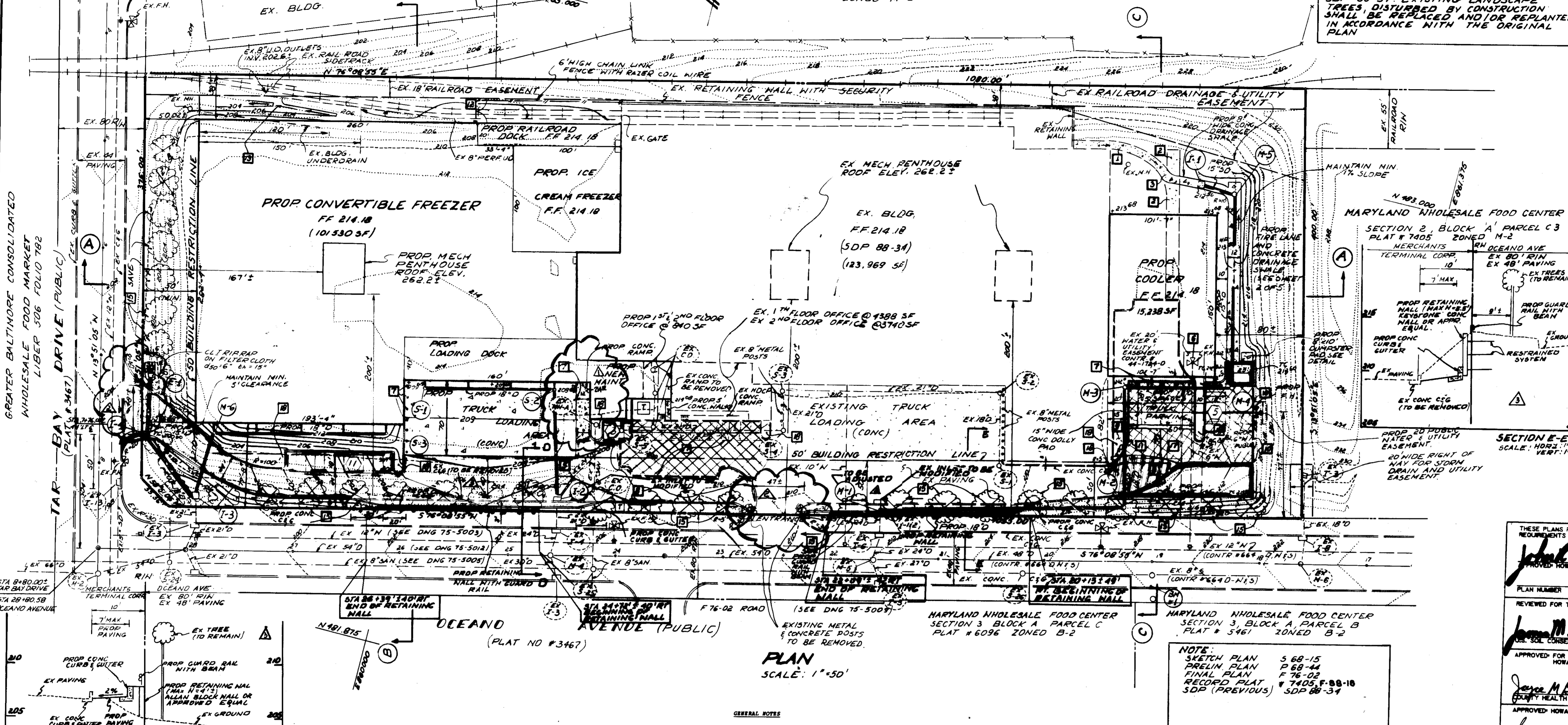
MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK 'A'
PARCEL 'D'
PLAT 24, FOLIO 59
ZONED M-2

STORM WATER MANAGEMENT FOR THIS SITE IS PROVIDED IN THE CENTRAL STORM WATER MANAGEMENT FACILITY LOCATED AT TAP BAY DRIVE AND OCEANO AVENUE APPROVED BY HOWARD COUNTY ON JUNE 22, 1992 (F 92-120).
LANDSCAPING FOR THE ENTIRE SITE WAS APPROVED AND INSTALLED UNDER SDP 98-34 EXISTING LANDSCAPE TREES DISTURBED BY CONSTRUCTION SHALL BE REPLACED AND/OR REPLANTED IN ACCORDANCE WITH THE ORIGINAL PLAN



VICINITY MAP
SCALE: 1"=2000'
BENCH MARKS:
BM #1 X-CUT 24.25' LT 19.00' OCEANO AVE ELEV. 219.73
BM #2 X-CUT IN HYDRANT HOLD DOWN BOLT, 15.00' OCEANO AVE ELEV. 232.53
CASE NO. BA 92-25V
ORDER
BASED UPON THE FOREGOING FINDINGS OF FACT AND CONCLUSIONS OF LAW, THIS IS "DAY OF DEC 1992" BY THE HOWARD COUNTY BOARD OF APPEALS DEBET; THAT THE PETITION OF MERCHANTS TERMINAL CORPORATION TO REDUCE THE REQUIRED MINIMUM STRUCTURE AND USE SETBACK FROM AN INTERNAL PUBLIC STREET FROM TEN (10) FEET TO THREE (3) FEET AND FOR A STRUCTURE FROM FIFTY (50) FEET TO ZERO (0) FEET IN HEIGHT BE AND THE SAME IS HEREBY GRANTED, SUBJECT TO THE FOLLOWING CONDITIONS:
1. THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE & COUNTY LAWS AND REGULATIONS.
2. THE PETITIONER SHALL PLANT OCEANO DRIVE TO BE REPLACED AND LANDSCAPING MATERIALS; THE LANDSCAPING SHALL BE PROVIDED BY THE DEPARTMENT OF PLANNING AND ZONING.
HOWARD COUNTY BOARD OF APPEALS

GREATER BALTIMORE CONSOLIDATED
WHOLESALE FOOD MARKET
LIBER 306 FOLIO 782



PLAN
SCALE: 1"=50'

LEGEND

PROPOSED CONCRETE PAVING (SEE DETAIL SHIT 20F5)
LIGHT DUTY PAVING (PASSANGER PARKING) (SEE DETAIL SHIT 20F3)
HEAVY DUTY PAVING (TRUCK AREA) (SEE DETAIL SHIT 20F5)
RESURFACING OF EX PAVEMENT (SEE CONSTR NOTE 10)
REMOVE SURFACE AND REPAVE (SEE CONSTR NOTE 10)

EX GRADE
PROP GRADE
EX CONC CURB & GUTTER
PROP CONC CURB & GUTTER
PROPERTY LINE
BUILDING RESTRICTION LINE
EX WATER LINE
PROP WATER LINE
EX STORM DRAIN
PROP STORM DRAIN
EX SANITARY SENEER
PROP SANITARY SENEER
EX HANDICAPPED PARKING
NO OF PARKING SPACES

SITE DATA

1. AREA OF PARCEL (41,680 S.F.)	9.91 AC.
2. EXISTING ZONING	M-2
3. EXISTING USE	COLD STORAGE WAREHOUSE
4. PROPOSED USE	COLD STORAGE WAREHOUSE
5. BUILDING FLOOR SPACE	TOTAL
EXISTING	OFFICE 116,593 S.F.
PROPOSED	WAREHOUSE 116,593 S.F.
TOTAL	233,186 S.F.
6. PARKING REQUIRED (PER LETTER FROM OWNER TO HOWARD COUNTY DATED 3/15/91)	TOTAL
EXISTING	OFFICE 116,593 S.F.
PROPOSED	WAREHOUSE 116,593 S.F.
TOTAL	233,186 S.F.

- GENERAL NOTES**
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, OR AS SHOWN ON THESE PLANS.
 - ONLY THE BENCH MARKS SHOWN ON THE PLAN SHALL BE USED FOR ELEVATION CONTROL OF CONSTRUCTION.
 - ALL AREAS NOT BEING PAVED OR RECEIVING BUILDING COVERAGE SHALL BE STABILIZED IN ACCORDANCE WITH THE PLANS APPROVED BY HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 - ANY DAMAGE TO PUBLIC RIGHTS-OF-WAY ADJACENT PROPERTIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR SHALL MAINTAIN AT LEAST A 2' LEVEL BENCH BEHIND ALL CURBS AND GUTTERS IN FILL AREAS.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE STARTING CONSTRUCTION.
 - ALL SIGNS SHALL BE 21" OR FLATTER.
 - THE CONTRACTOR SHALL NOTIFY THE C & P TELEPHONE COMPANY AND THE GAS AND ELECTRIC COMPANY FIVE DAYS PRIOR TO STARTING WORK SHOWN ON THE PLANS BY CALLING "MISS UTILITIES" CALL 1-800-257-9777.
 - RAMPS AND SIGNS FOR THE HANDICAPPED ARE EXISTING AS APPROVED AND CONSTRUCTED UNDER SDP 88-34.
 - THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4" COVER OVER ALL PROPOSED WATER LINES.
 - ALL REP-PAV SHALL BE PLACED ON FILTER CLOTH.
 - THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 992-2411 OR 783-7372.
 - THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVING, CURB AND GUTTER, ETC. THAT MAY INTERFERE WITH PROPOSED CONSTRUCTION AND DISPOSE OF OFF THE SITE AT AN APPROVED LOCATION.
 - ALL UTILITIES INSTALLED WITHIN THE PROPOSED PAVED AREAS SHALL RECEIVE FULL TRUCK PROTECTION.
 - ALL PIPE ELEVATIONS SHOWN ARE EXISTING ELEVATIONS.
 - NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO SURFACE. TOPOGRAPHY IS BASED ON FIELD SURVEY PERFORMED BY GEORGE WILLIAM STEPHENS, JR. & ASSOCIATES, INC. (PERMANENT 1991).
 - ALL UTILITIES TRENCHES SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.

- CONSTRUCTION NOTES**
- EXISTING CONCRETE DRAINAGE SWALE TO REMAIN.
 - EXISTING FINE LANE AND CONCRETE DRAINAGE SWALE TO BE REMOVED AND DISPOSED OF OFF THE SITE.
 - MATCH EXISTING CONCRETE DRAINAGE SWALE FOR GRATE.
 - REMOVE EXISTING CONCRETE END SECTION, INSTALL 11" CONCRETE COLLAR AND EXTEND 24" RCC PIPE TO I-2.
 - EXISTING 12" TO BE SALVAGED AND REINSTALLED WHERE SHOWN ON PLAN.
 - PROPOSED 8" DIAMETER PIPE BARRIER (CONC. FILLED) 6" C/C 36" TOP ELEV. = 214.2 2' SET IN 12" DIAMETER CONC. FOUNDATION.
 - REMOVE EXISTING CURB AND GUTTER, CUT NEAR VERTICAL LINE, MATCH EXISTING PAVEMENT.
 - REMOVE EXISTING PAVING AND EXISTING CURB AND GUTTER, BACKFILL, GRADE TO DRAIN.
 - EXISTING CURB AND GUTTER TO REMAIN. MATCH WITH PROPOSED CURB AND GUTTER.
 - PROPOSED TOP OF CURB ELEVATION EQUALS EXISTING PAVEMENT PLUS 0.67'.
 - EXCAVATE TO TOP OF EXISTING #2 STONE BACKFILL OF EXISTING 8" PERF. UNDERDRAIN. BACKFILL WITH #2 STONE TO ELEVATION LEVEL WITH TOP OF EXISTING RAILROAD TIES.
 - GRADE FOR SURFACE DRAIN DITCH, MINIMUM 15' FROM CENTER LINE EXISTING RAILROAD SIDING, MAX. SLOPE = 2:1.
 - NOT USED.
 - EXISTING LANDSCAPE TREES IN CONFLICT WITH PROPOSED CONSTRUCTION SHOWN THIS SHALL BE REMOVED AND REPLACED IN KIND (2" CALIPER TILIA CORDATA (LITTLE LEAF LINDEN) TREES NOTED SAME SHALL BE PROTECTED FROM DAMAGE (C) SEE DETAIL SHIT 20F5.
 - REMOVE EXISTING BITUMINOUS CONCRETE SURFACE AS REQUIRED ON EROSION AND SEDIMENT CONTROL PLAN AND REPAVE UPON COMPLETION OF WORK 41" BIT. CONC. BASE, 11" BIT. CONC. SURFACE.
 - RESURFACE EXISTING PAVED AREA SHOWN CROSS HATCHED WITH 11" BIT. CONC. BAND SN. FEATHER TO 1/2" AT FACE OF EXISTING CURBS.
 - SEE SHEET 30F5 FOR LANDSCAPE DETAILS.

NOTE

SKETCH PLAN 5-68-15
PRELIM PLAN P-68-44
FIELD PLAN F-76-02
RECORD PLAN F-7405, F-88-10
SDP (PREVIOUS) SDP 88-34

THESE PLANS FOR SWM CONSTRUCTION, EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

APPROVED FOR HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
DATE: 4/19/91

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
DATE: 4/19/91

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
PMP F-2	7950 OCEANO AVE

SUBDIVISION NAME: MARYLAND WHOLESALE FOOD CENTER
SECT: JAREA
BLOCK NO.: 20621
ZONE: M-2
TAX MAP: 67H
ELECT. DIST.: 6069.01
CENSUS TRACT: 6069.01
WATER CODE: B02
SEWER CODE: 3170000

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
658 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
(301) 825-8120

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND MEASURABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 4/18/91

OWNER/DEVELOPER
MERCHANTS TERMINAL CORPORATION
501 NORTH KRESSON ST.
BALTIMORE, MD 21224
(301) 342-9300

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT MY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AS A MEMBER OF THE ENVIRONMENTALLY APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR APPROVED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

DATE: 4-18-91

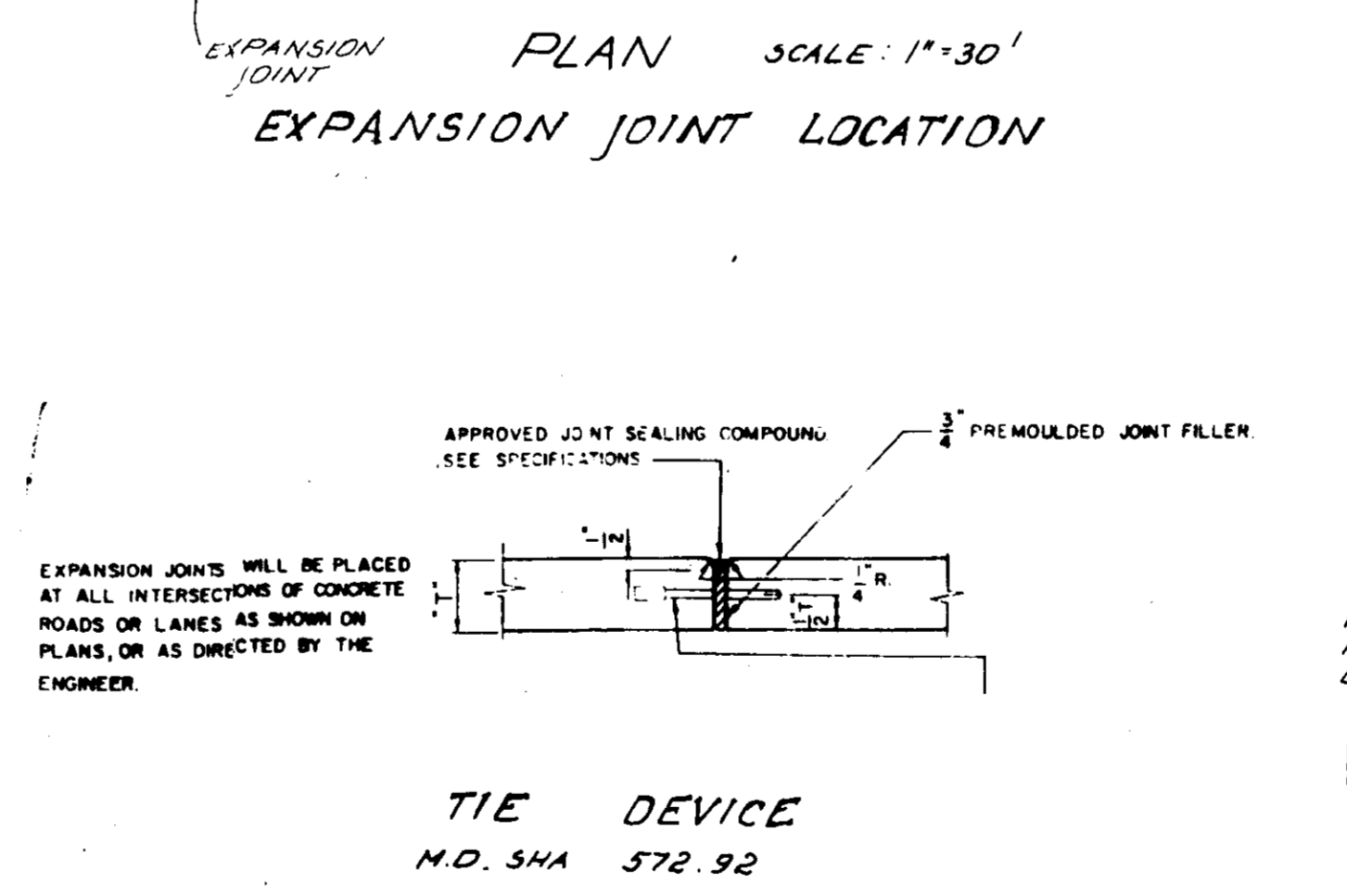
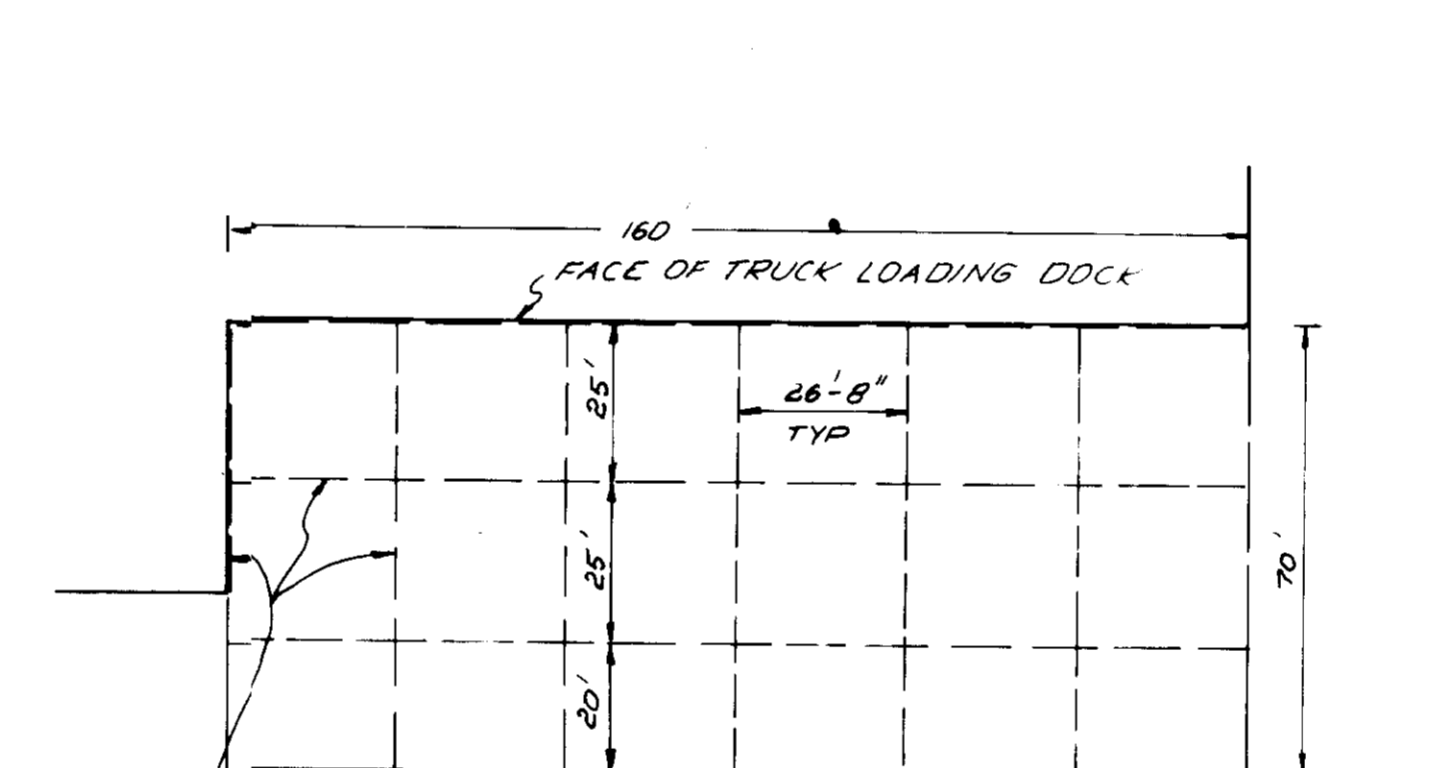
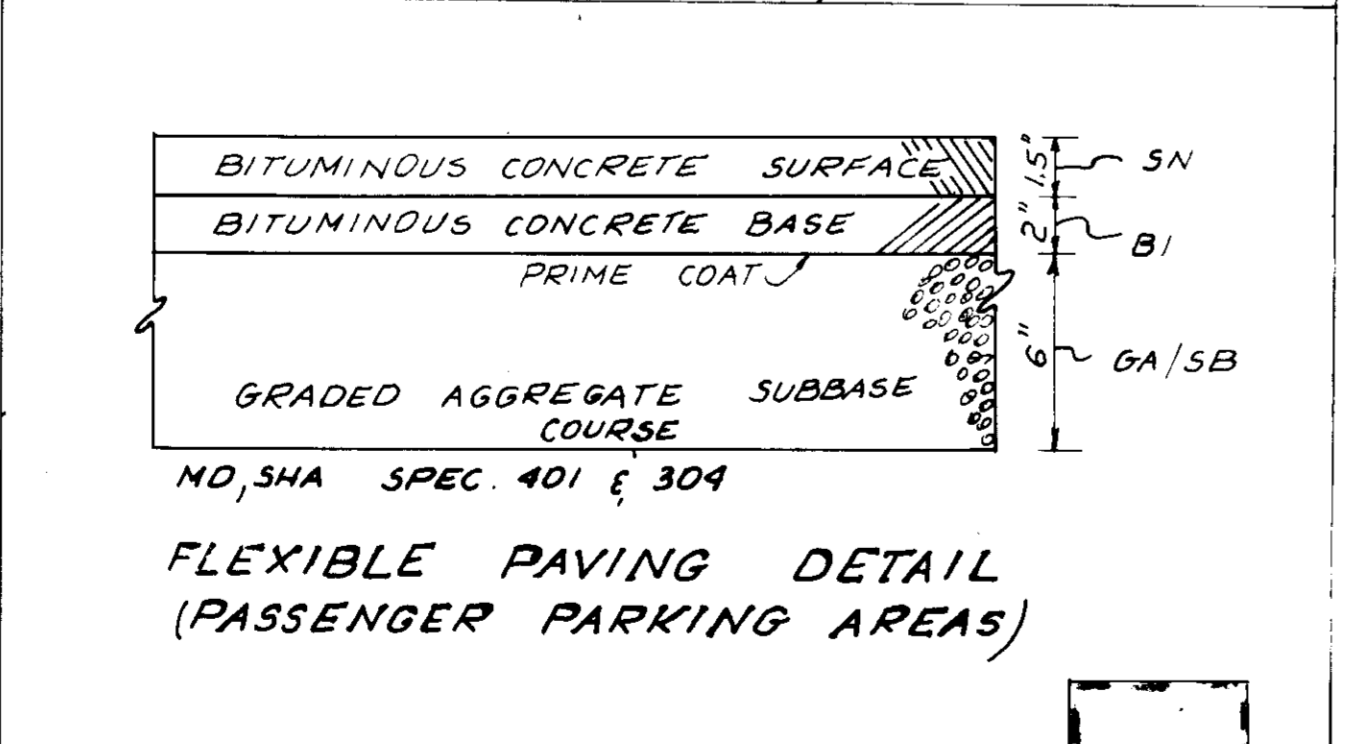
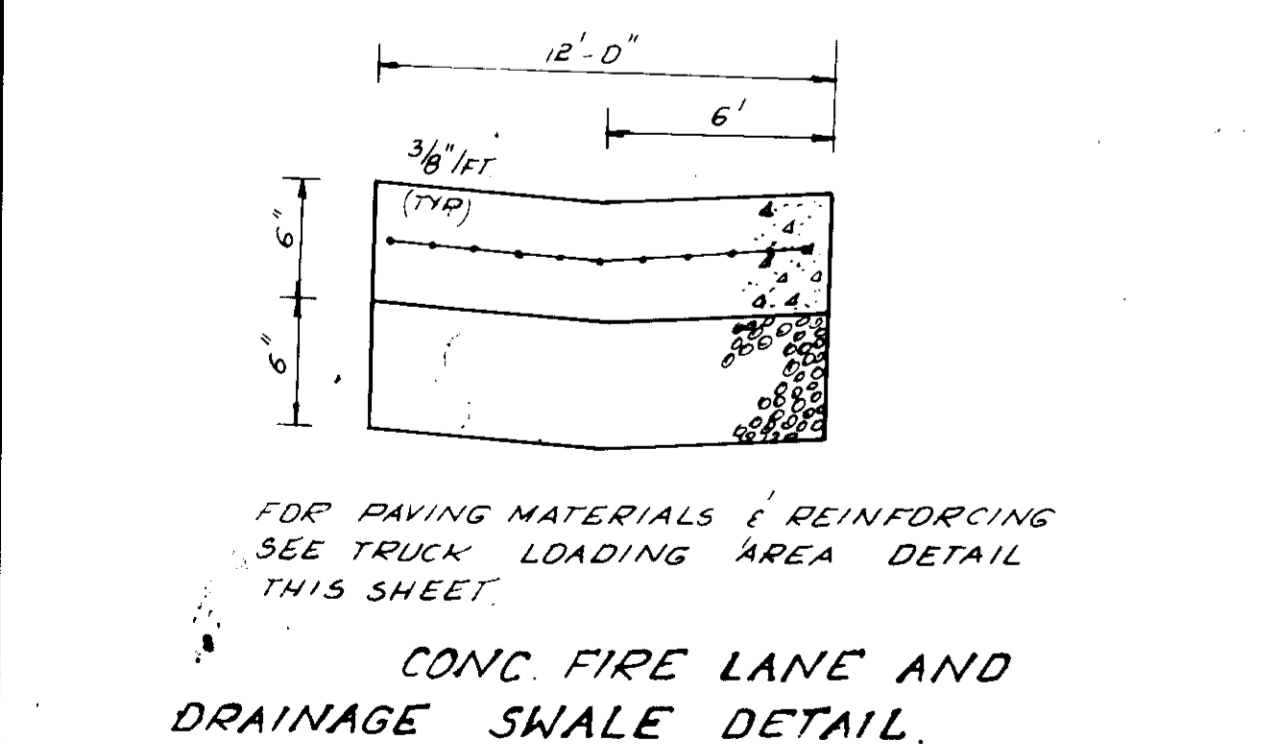
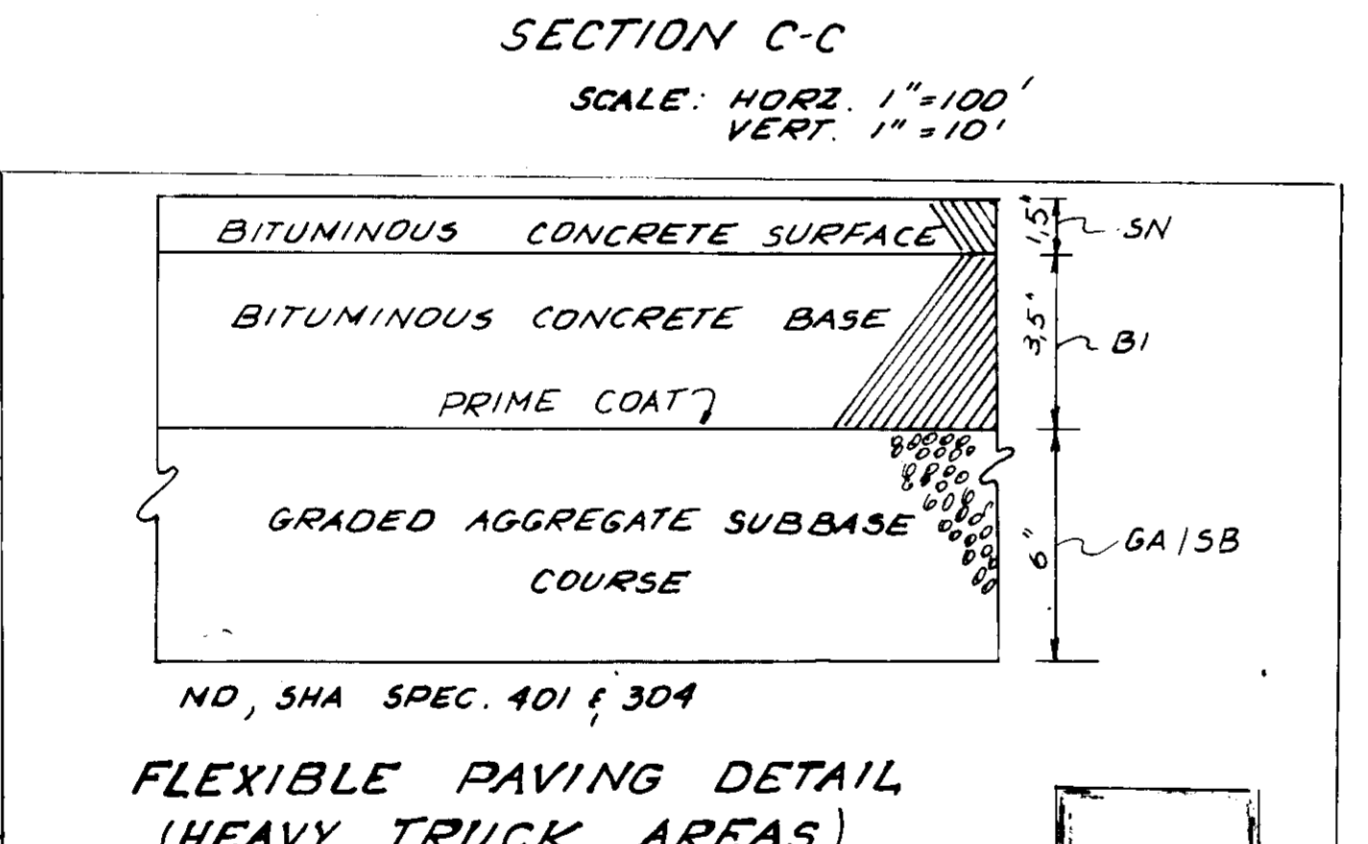
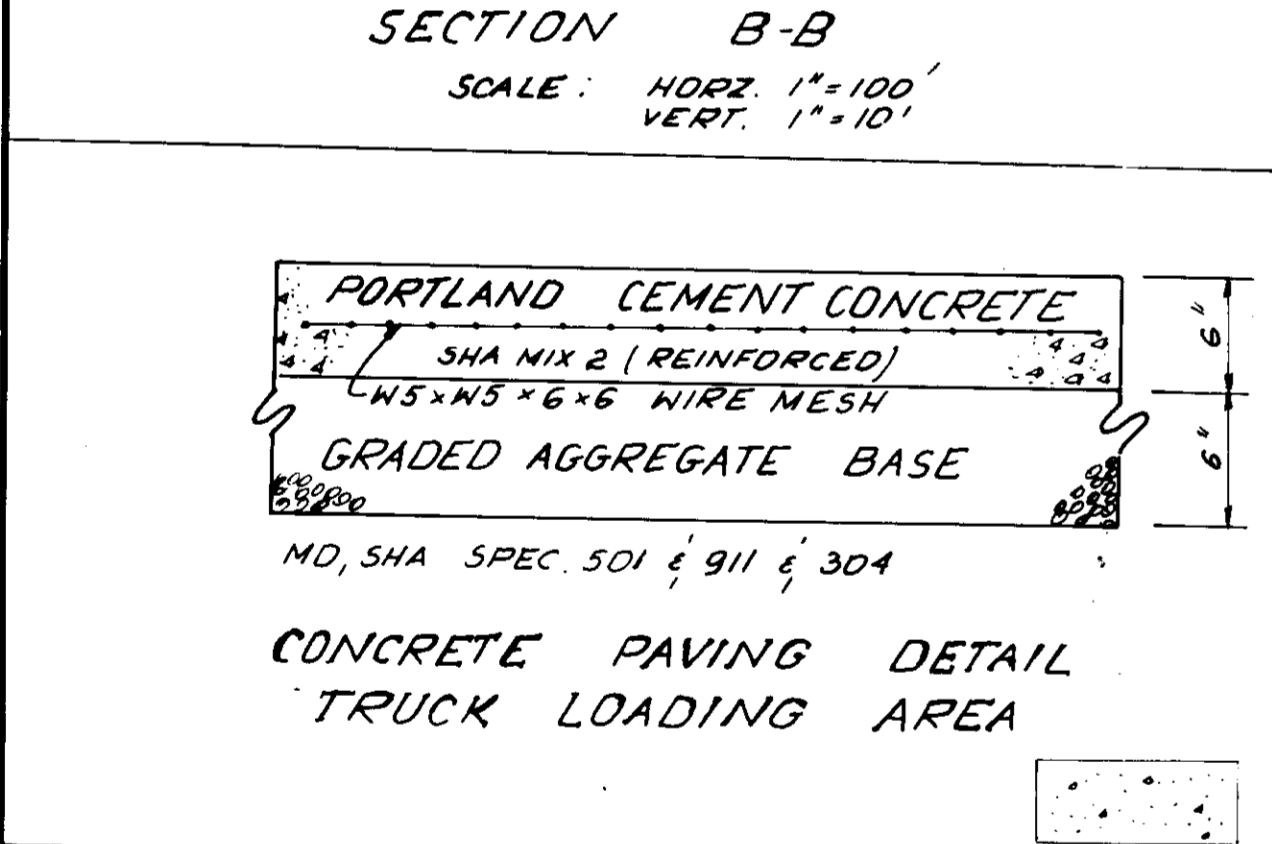
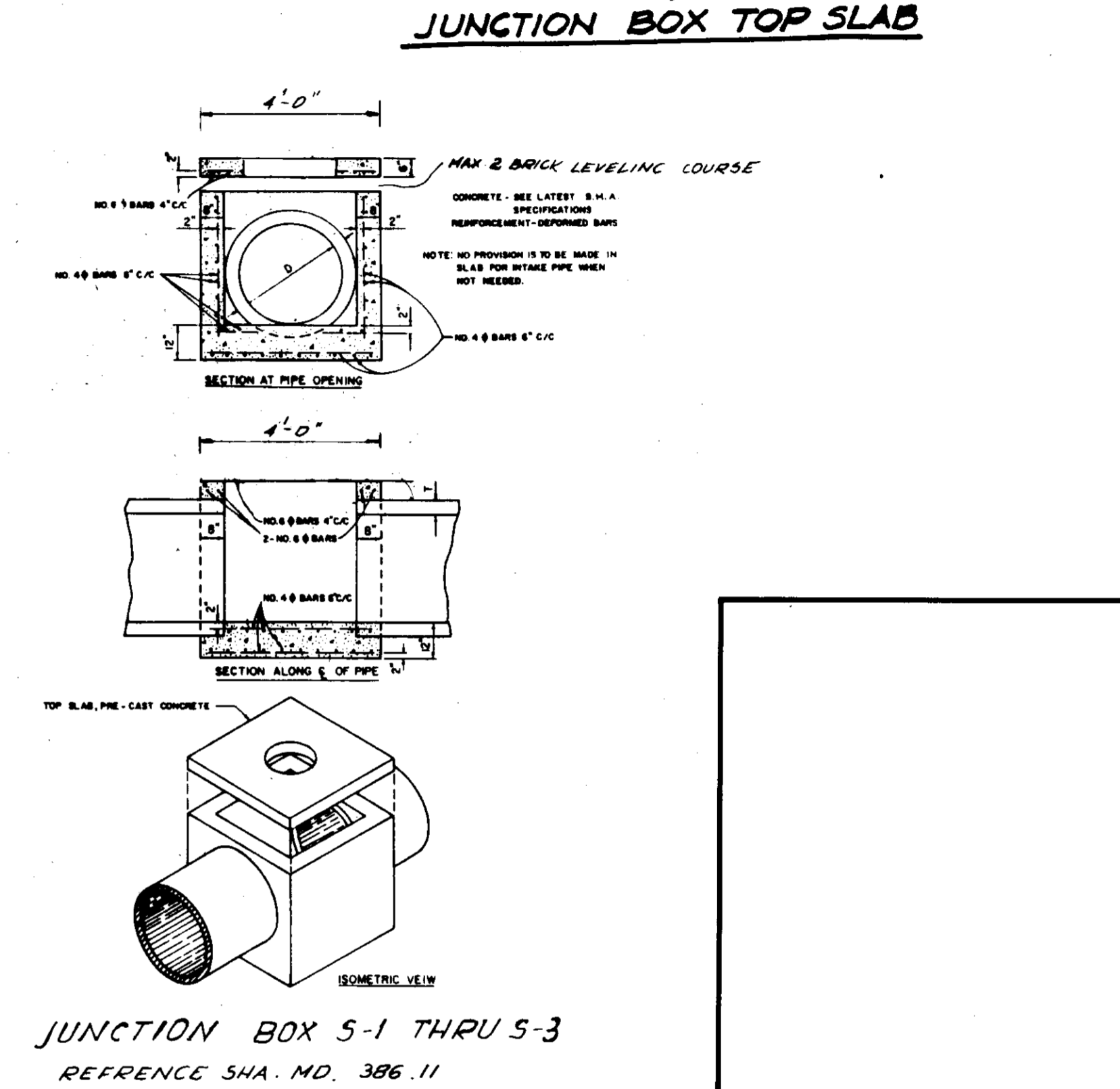
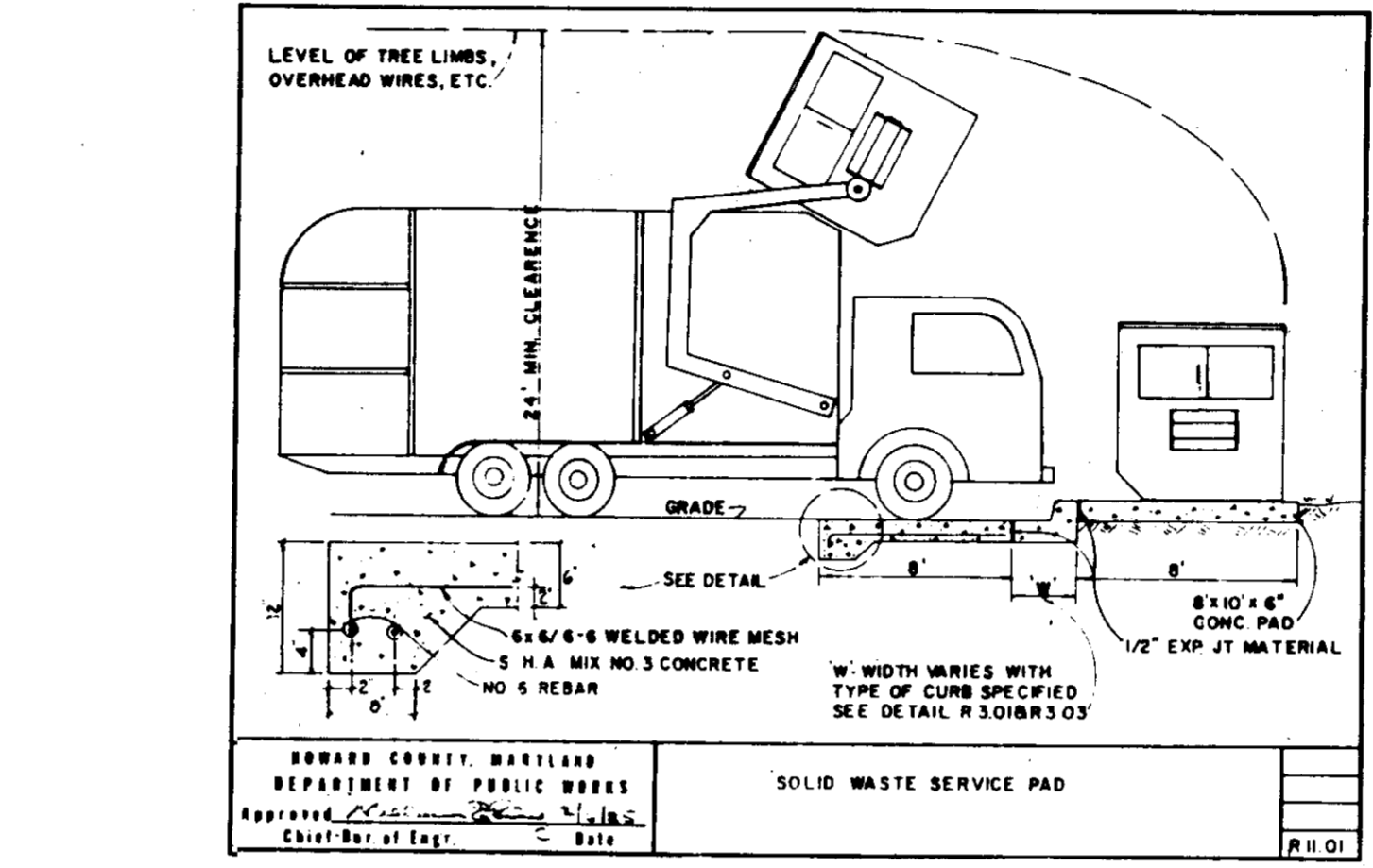
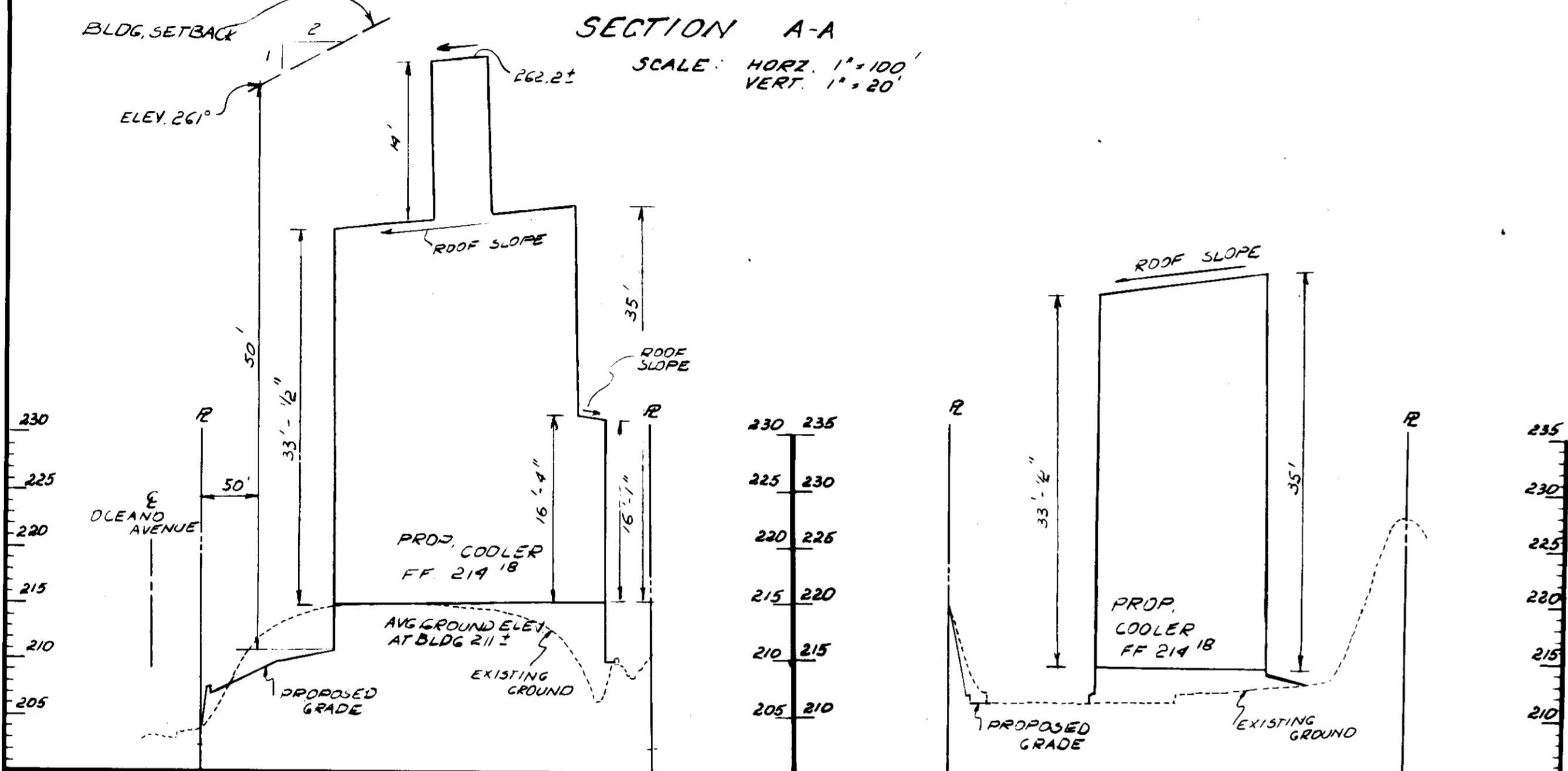
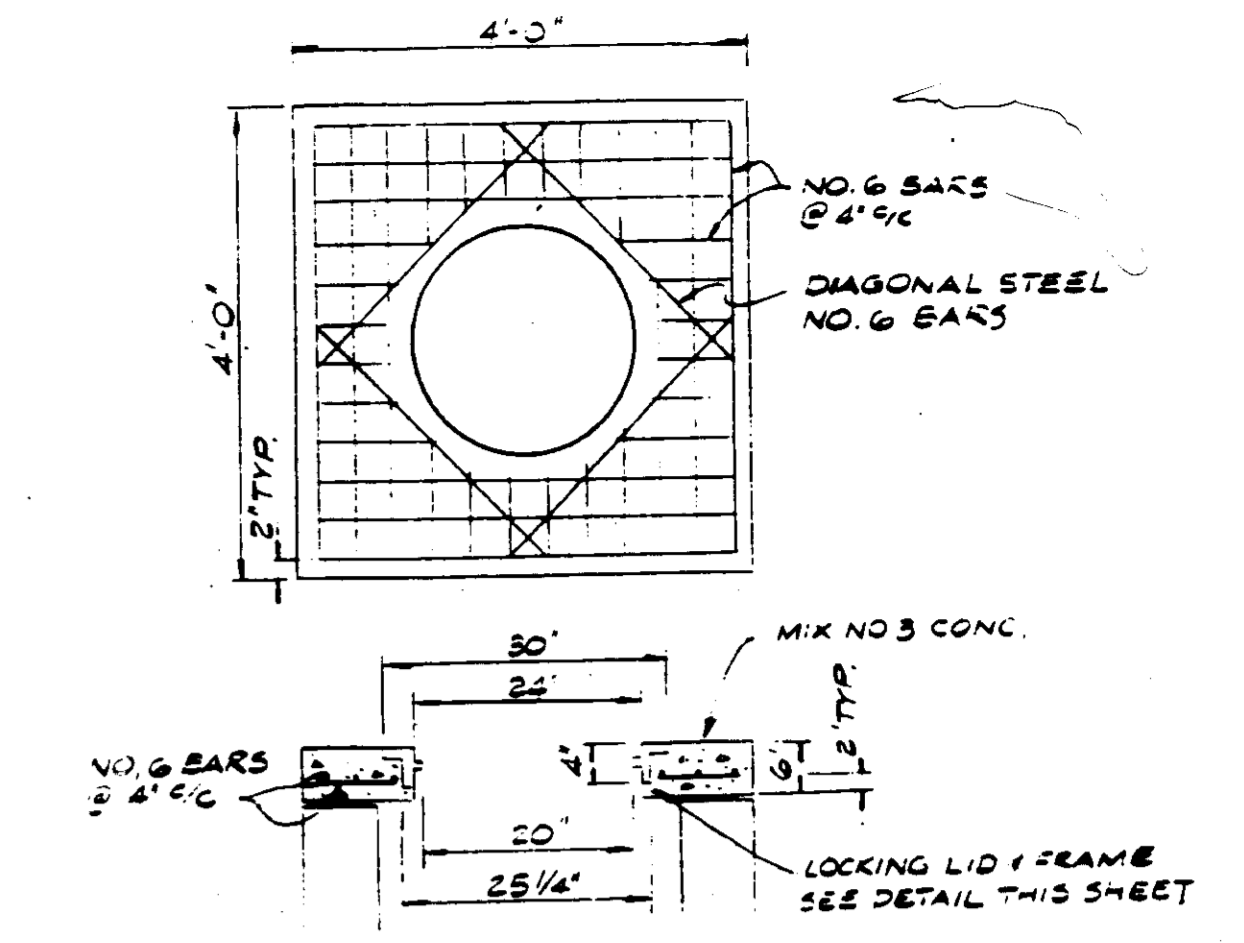
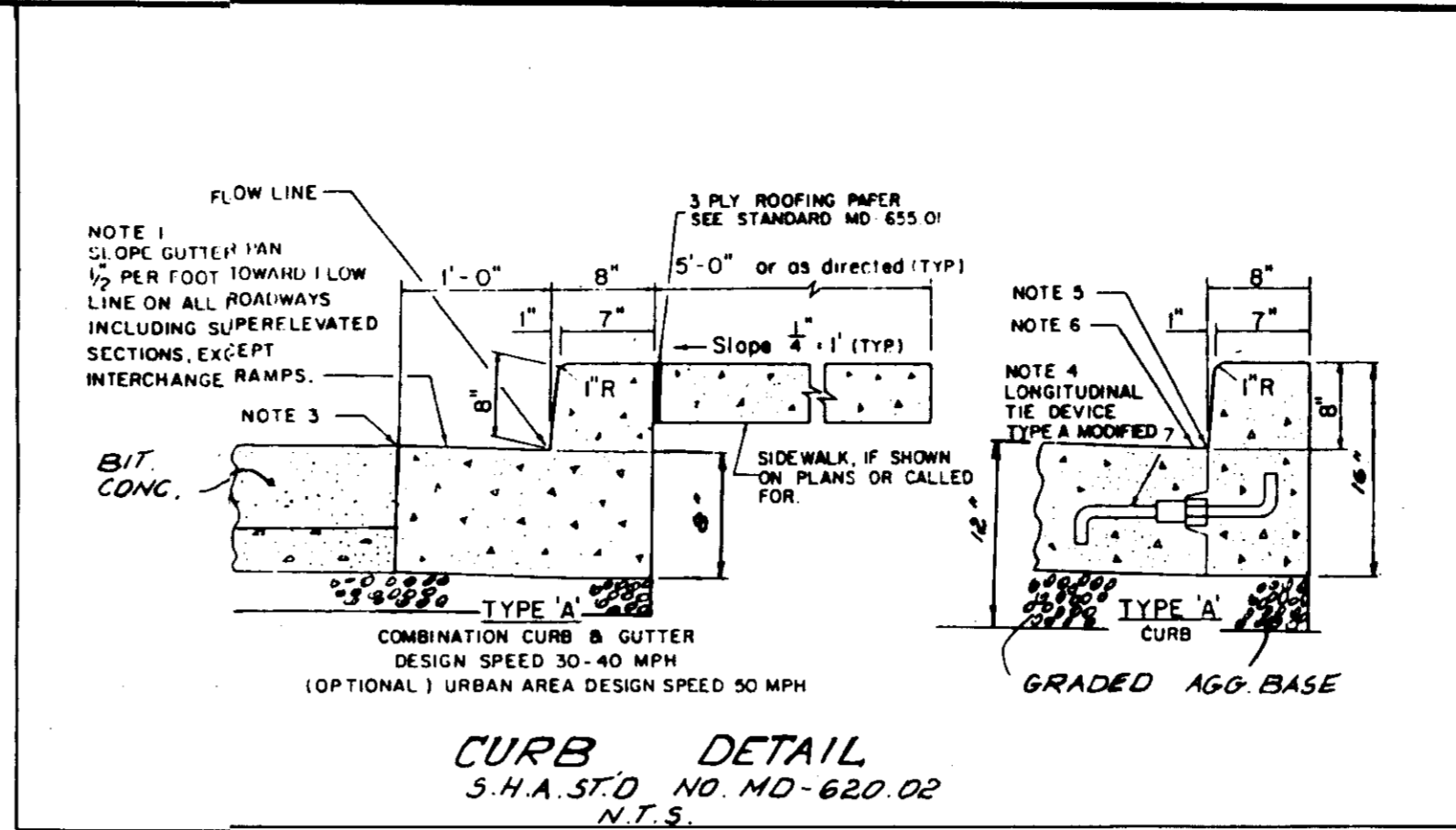
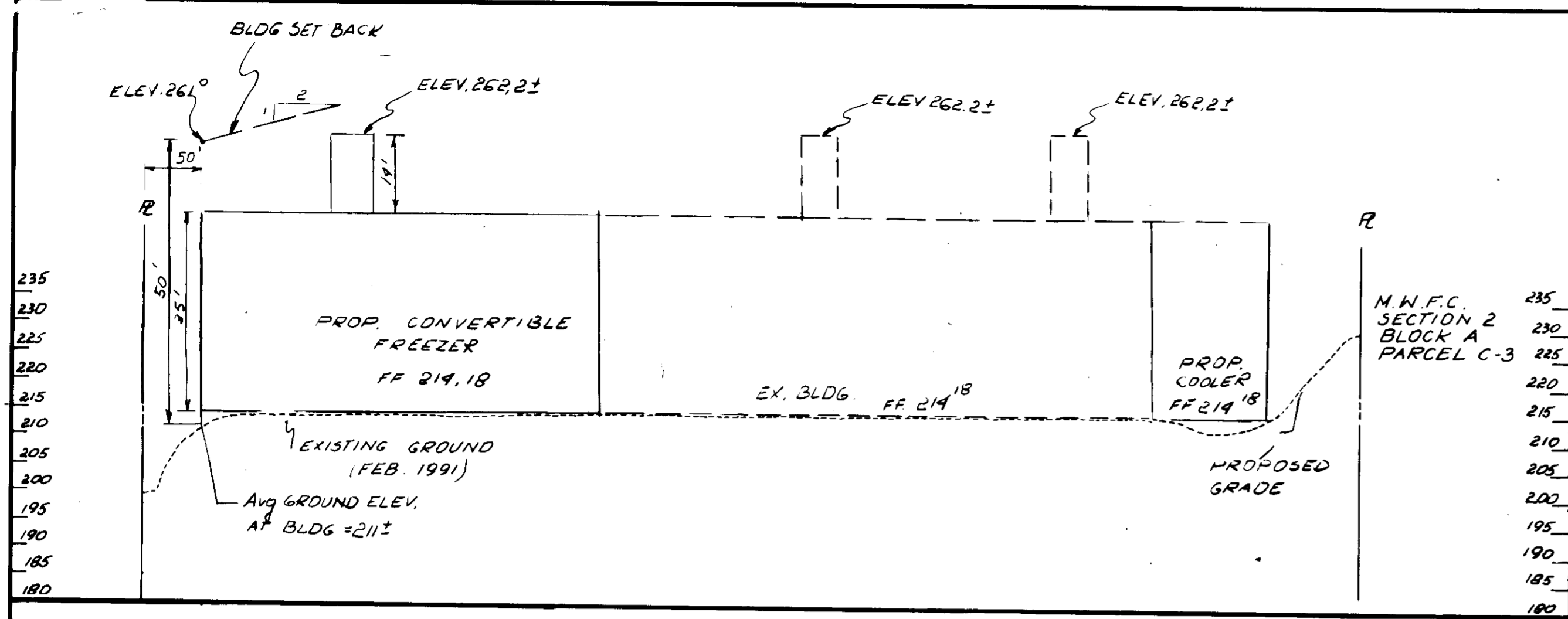
TITLE: PRESIDENT

DESIGN: V.2
DRAIN: H.C.
CHECKED: V.2/1/91

REVISIONS:
A 4/18/91 REVISOR: PMP
CONC. RAMP
B 3/22/91 REVISOR: ENR
ENTRANCES ON OCEANO AVE AND TAP BAY DRIVE
A 10/21/92 REVISOR: SERVICE DRIVE

SITE DEVELOPMENT PLAN
FREEZER FACILITY EXPANSION
MERCHANTS TERMINAL CORPORATION
MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK 'A', PARCEL F-2
HOWARD COUNTY, MD
ELECT. DIST. #6
SCALE: 1"=50'
BUILDING AND PARKING ADDITIONS TO SDP 88-34

DATE: 3.8.91
SHEET 1 OF 5
P.N. 6661
SDP-91-99



THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

John P. Rutter 4/19/91
APPROVED - HOWARD SOIL CONSERVATION DISTRICT
PLAN NUMBER: _____ DATE: 4/19/91

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
James M. Hahn 4/19/91
U.S. SOIL CONSERVATION SERVICE DATE: 4/19/91

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Joyce M. Hahn 5/2/91
COUNTY HEALTH OFFICER DATE: 5/2/91

APPROVED - HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
John P. Rutter 5/10/91
DIRECTOR DATE: 5/10/91

CHIEF DIVISION OF COMMUNITY PLANNING DATE: 5/10/91
AND LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM, AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James M. Hahn 5/2/91
DIRECTOR DATE: 5/2/91

John P. Rutter 5/19/91
SHEET 2 OF 5
DATE: 3.8.91
SCALE: 1" = 50'
BUILDING AND PARKING ADDITIONAL TO 302-BB-34

GEORGE WILLIAM STEPHENS, JR., AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
850 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21284
(301) 825-8120

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

John P. Rutter 4/19/91
ENGINEER REG. NO. 1732 DATE: 4/19/91

OWNER/DEVELOPER
MERCHANTS TERMINAL CORPORATION
501 NORTH KRESSON ST.
BALTIMORE, MD 21224
(301) 342-9300

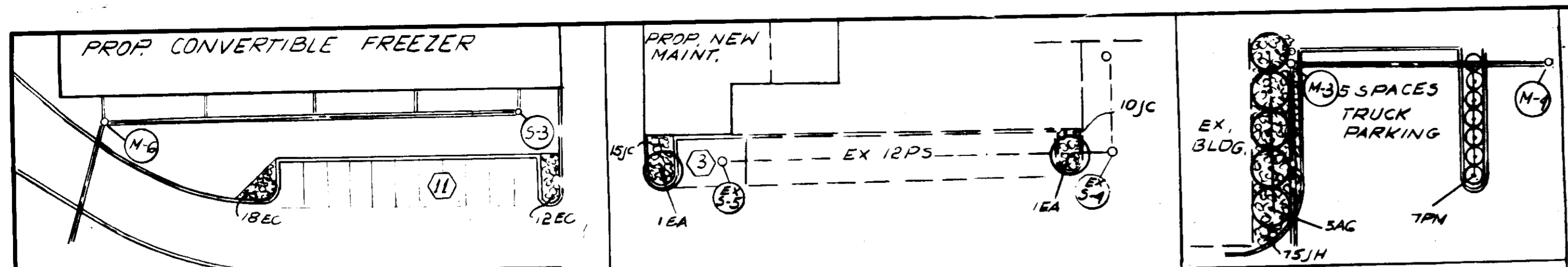
DEVELOPER'S CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MD. DEPT. OF THE ENVIRONMENT-APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER: *Ray J. Johnson* DATE: 4-18-91
TITLE: _____

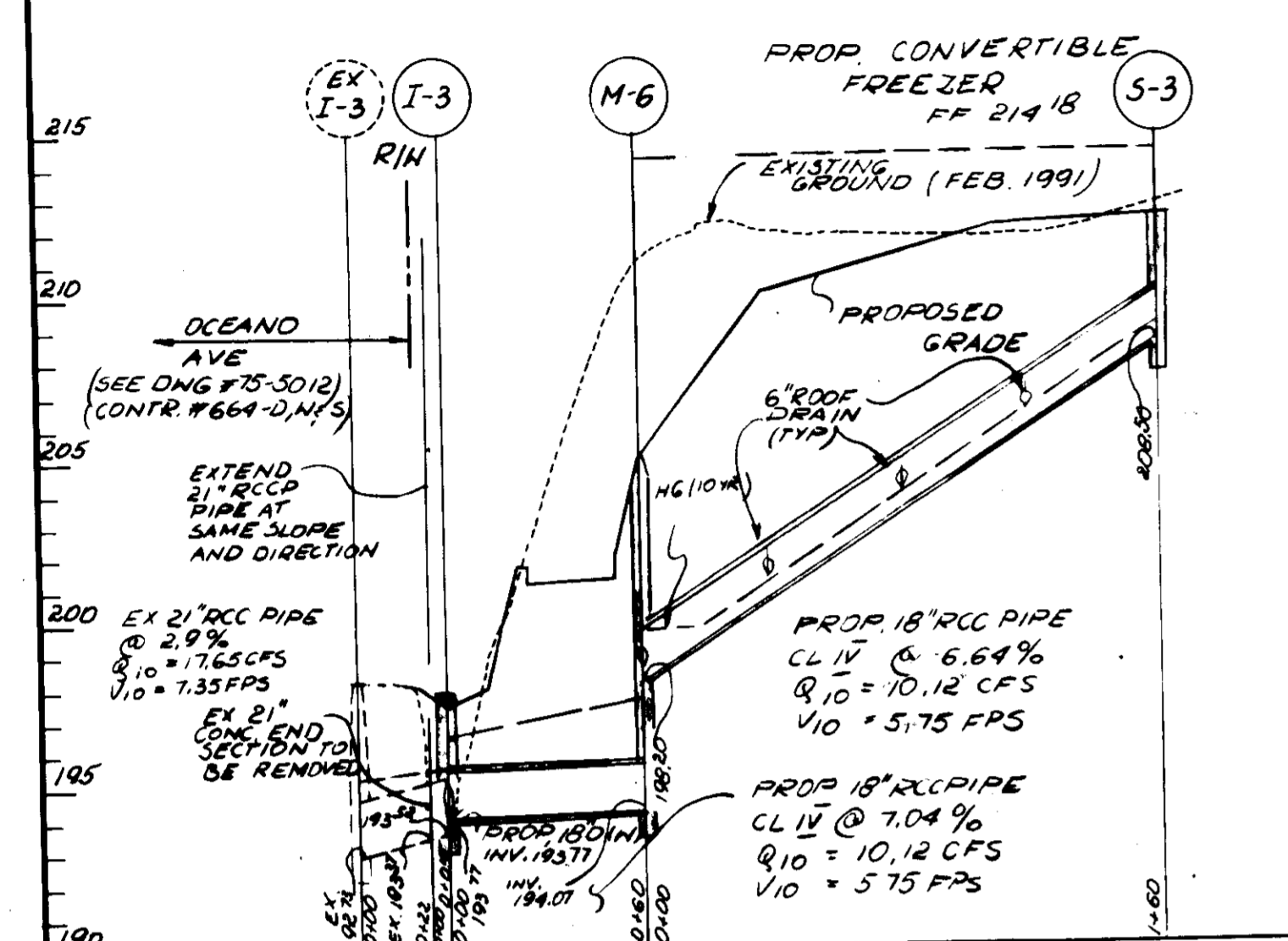
DESIGN: V. Z.
DRAIN: H. C.
CHECKED: V. Z. / J. S.
REVISIONS

SECTIONS AND DETAILS FOR FREEZER FACILITY EXPANSION
MERCHANTS TERMINAL CORPORATION
MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK A, PARCEL F-2
HOWARD CO, MD
ELECT. DIST. #6
SCALE: 1" = 50'
BUILDING AND PARKING ADDITIONAL TO 302-BB-34

DATE: 3.8.91
SHEET 2 OF 5
P.N. 6661
SDP-91-99



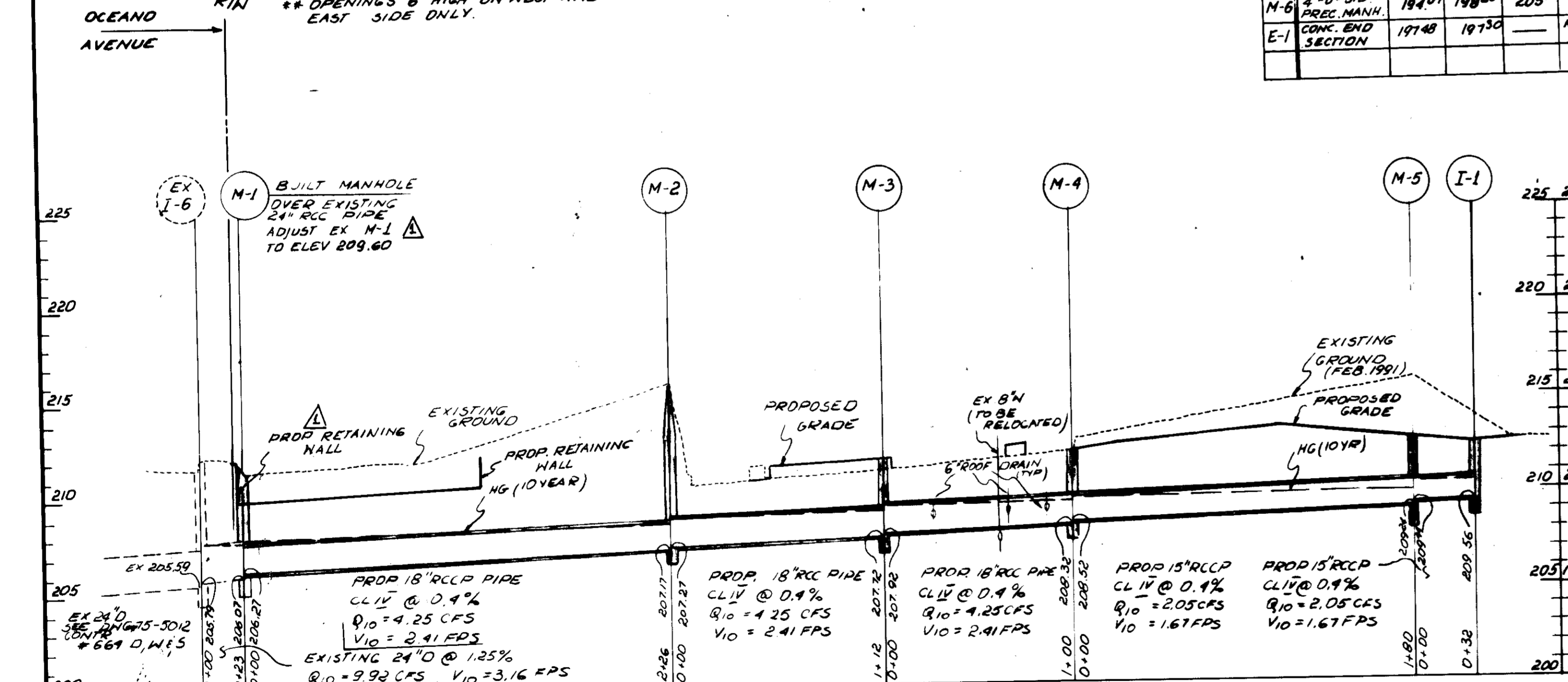
LANDSCAPE PLAN (PARKING ISLANDS)
SCALE: 1"=40'



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

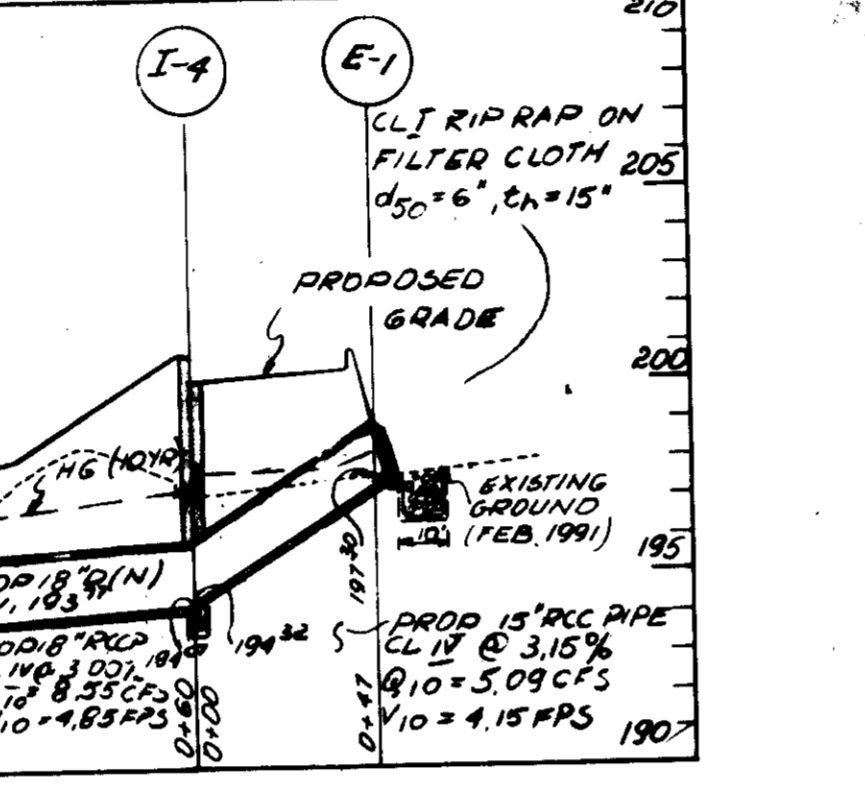
NO	TYPE	INVERT IN	INVERT OUT	TOP ELEV.	REMARKS
I-1	'S'	209.96	212.70	2.05	HOWARD COUNTY STD. DETAIL SD-4.22
I-2	DBL'S COMB	190.73	199.93	206.90	5.36 HOWARD COUNTY STD. DETAIL SD-4.34
I-3	'D'	193.71	193.92	197.88	0.24 HOWARD COUNTY STD. DETAIL SD-4.11
I-4	DBL'S COMB	194.32	194.07	200.80	3.88 HOWARD COUNTY STD. DETAIL SD-4.34

* TOP OF CURB ELEVATION
** BOTTOM OF OPENING ELEVATION
** OPENINGS 6" HIGH ON WEST AND EAST SIDE ONLY.



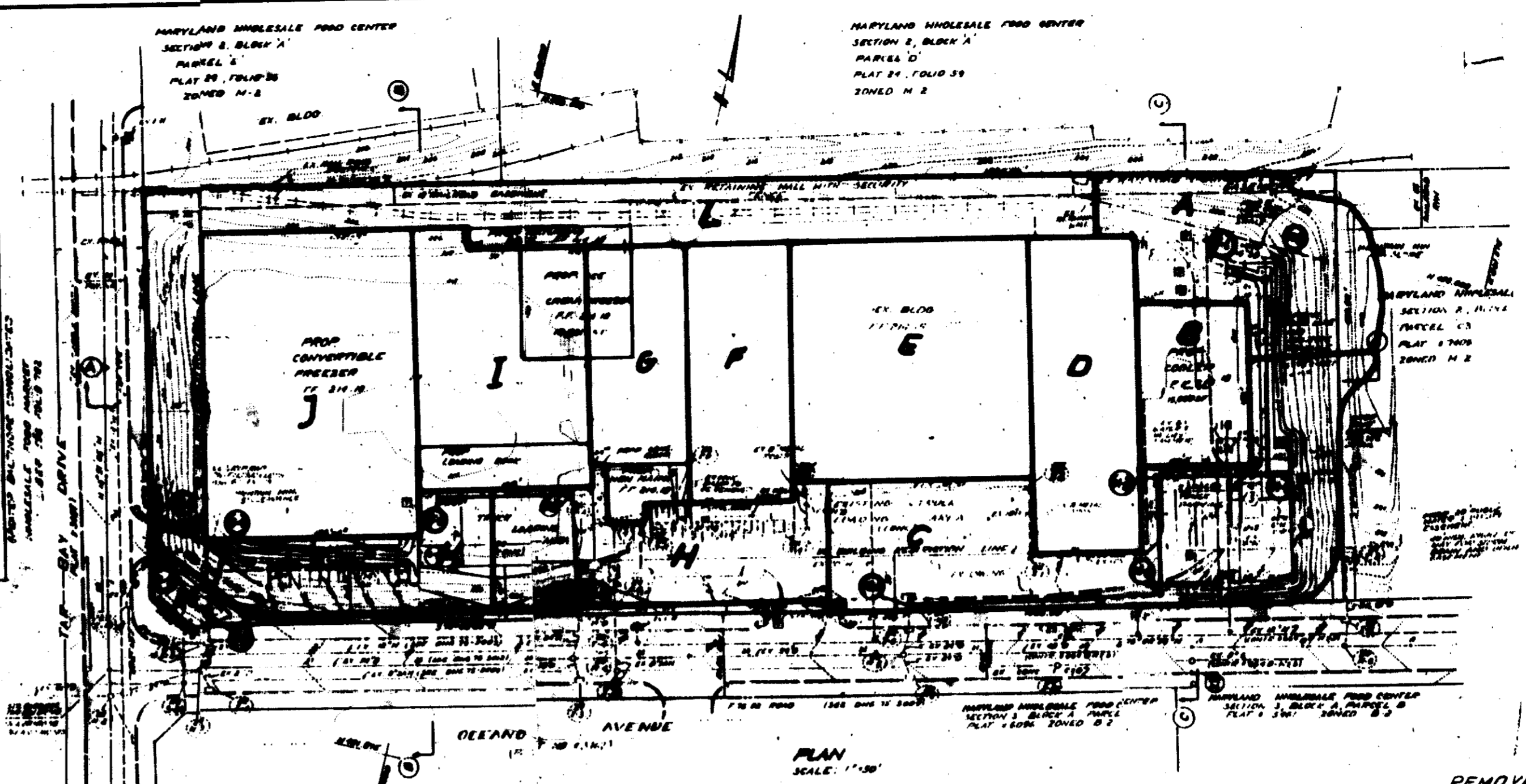
STORM DRAIN PROFILES
SCALE: HORIZ. 1"=50'
VERT. 1"=5'

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
5	AG	KECK GINNALLA	AMUR MAPLE	1 1/2-1 1/8	AS SHOWN	B&B
2	EA	ELAEAGNUS ANGSTUFIOLIA	RUSSIAN OLIVE	1 1/2-1 1/8	AS SHOWN	B&B
24	SA	TILIA CORDATA	LITTLELEAF LINDEN	3/4-1	AS SHOWN	B&B
SEE NOTE #15						
75	JH	JUNIPERUS HORIZONTALIS	CREeping JUNIPER	2 1/2-3	1' O.C.	POPS
25	JC	JUNIPERUS CONFERTA	SHORE JUNIPER	2 1/2-3	1' O.C.	POPS
7	PN	PINUS MUGO	MUGO PINE	2 1/2-3	1' O.C.	POPS
30	EC	ENODYMIUS ALATA COMPACTA	COMPACT NINGED EUONYMUS	18-24	1' O.C.	POPS



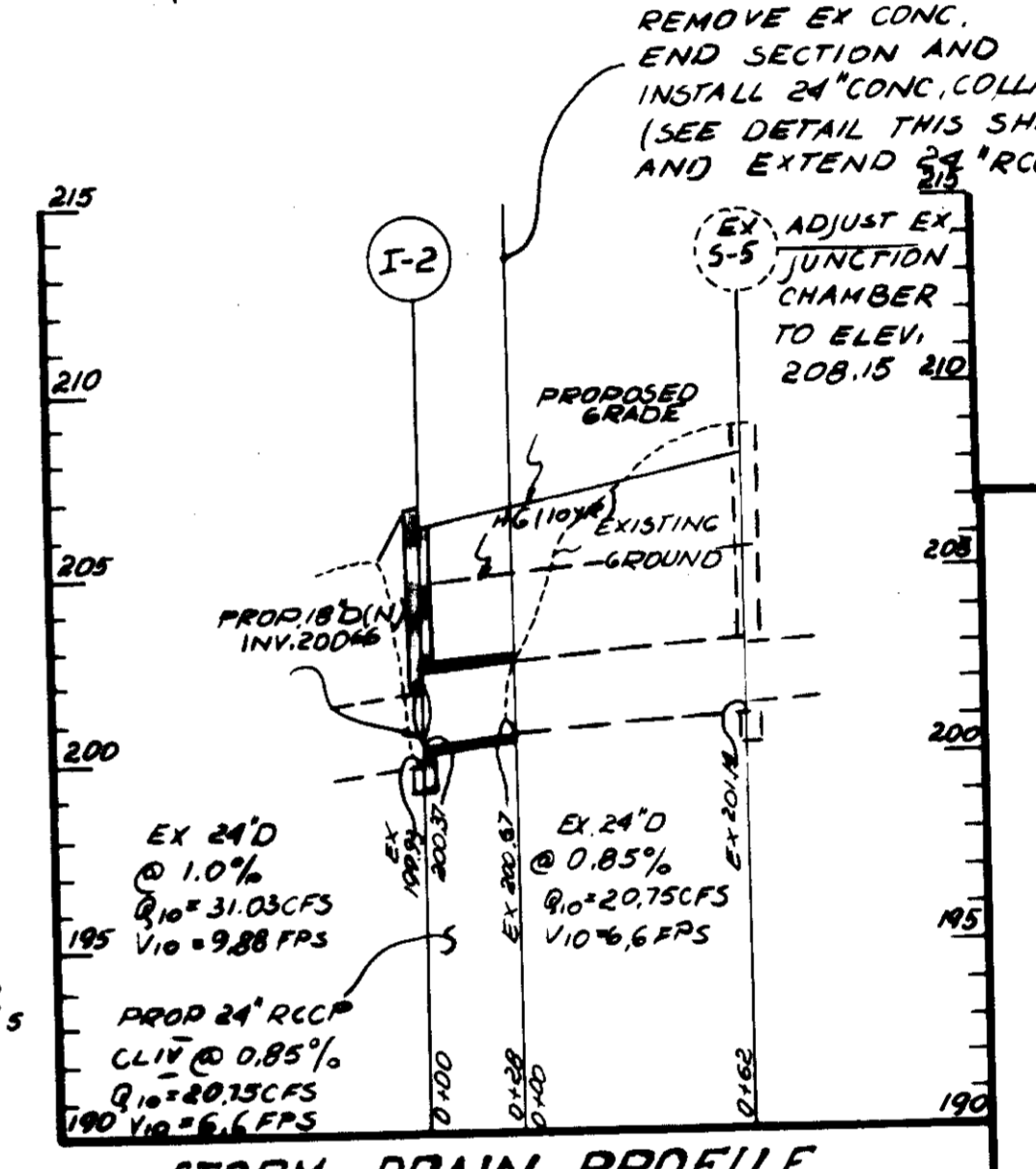
NO	TYPE	INVERT IN	INVERT OUT	TOP ELEV.	REMARKS
M-1	4" STD. CONC. MANHOLE	206.47	206.07	211.30	HOWARD COUNTY STD. DETAIL G-5.12
M-2	4" STD. CONC. MANHOLE	207.17	207.17	216.00	-
M-3	4" STD. CONC. MANHOLE	207.82	207.82	218.00	-
M-4	-	208.53	208.53	218.00	-
M-5	-	209.24	209.24	218.00	-
S-1	JUNCTION BOX	208.50	208.50	209.40	FOR DETAIL SEE SHEET 2 OF 5
S-2	-	204.44	204.44	209.44	-
S-3	-	208.50	208.50	212.30	-
M-6	4" STD. CONC. MANHOLE	194.07	198.80	205.00	HOWARD COUNTY STD. DETAIL G-5.12
E-1	CONC. END SECTION	197.48	197.30	-	HOWARD COUNTY STD. DETAIL G-5.12

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



DRAINAGE AREA MAP
SCALE: 1"=100'

C	AREA (A)
A	0.39
B	0.95
C	0.72
D	0.95
E	0.95
F	0.95
G	0.84
H	0.95
I	0.95
J	0.95
K	0.80
L	0.99
M	0.35
N	0.08



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

THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

John P. Robertson
APPROVED HOWARD SOIL CONSERVATION DISTRICT
DATE: 4/27/91

PLAN NUMBER: 4/27/91

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Joseph M. DeBella
APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 4/19/91

James H. Anderson
APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
DATE: 5/18/91

James R. Smith
DATE: 5/10/91

Mark U. J. Wynn
CHIEF DIVISION OF COMMUNITY PLANNING, DATE AND LAND DEVELOPMENT
DATE: 5/3/91

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM, AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James P. ...
DATE: 5/3/91

...
BUREAU OF ENGINEERING

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
658 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
(301) 825-8120

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND MOBILE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE CONSTRUCTION. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

George W. Stephens, Jr.
REG. NO. 4732
DATE: 4/10/91

OWNER/DEVELOPER
MERCHANTS TERMINAL CORPORATION
501 NORTH KRESSON ST.
BALTIMORE, MD 21224
(301) 342-9300

DESIGNER'S CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT ENGINE CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AS A AND CHECKED BY THE ENGINEER BEFORE BEING THE PROJECT. I ALSO AUTHORIZE PUBLIC WORKS ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

DESIGNER: V. J.
DRAFTER: H. C.
CHECKED: V. J. / J. S.

REVISIONS:
10/21/92 REVISED
M-1 & I-2 V. J.

DEVELOPER: *Ray ...*
DATE: 4-27-91

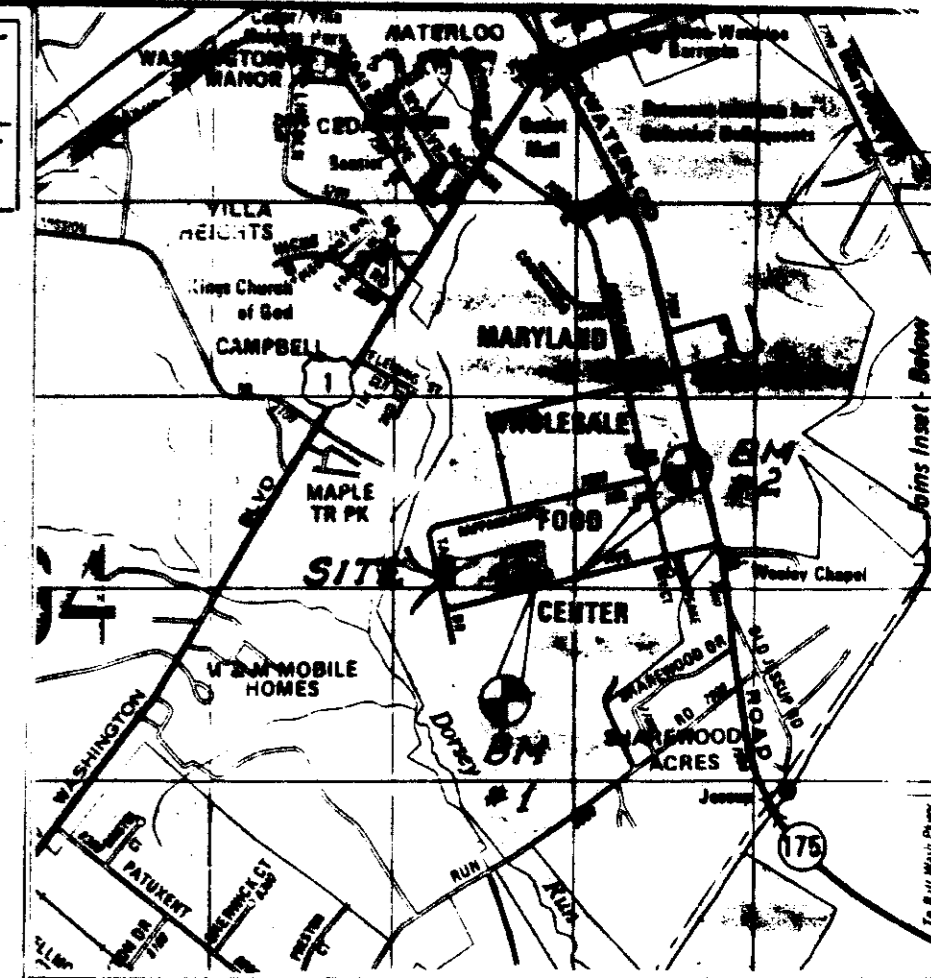
DRAINAGE AREA MAP & STORM DRAIN PROFILE
FOR FREEZER FACILITY EXPANSION
MERCHANTS TERMINAL CORPORATION
MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK A, PARCEL F-2
HOWARD CO, MD
ELECT. DIST. #6
SCALE: 1"=50'
BUILDING AND PARKING ADDITIONS

DATE: 3.8.91
SHEET 3 OF 5
PN 500-09-34
SDP-91-99

MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK A
PARCEL E
PLAT 29, FOLIO 55
ZONED M-2

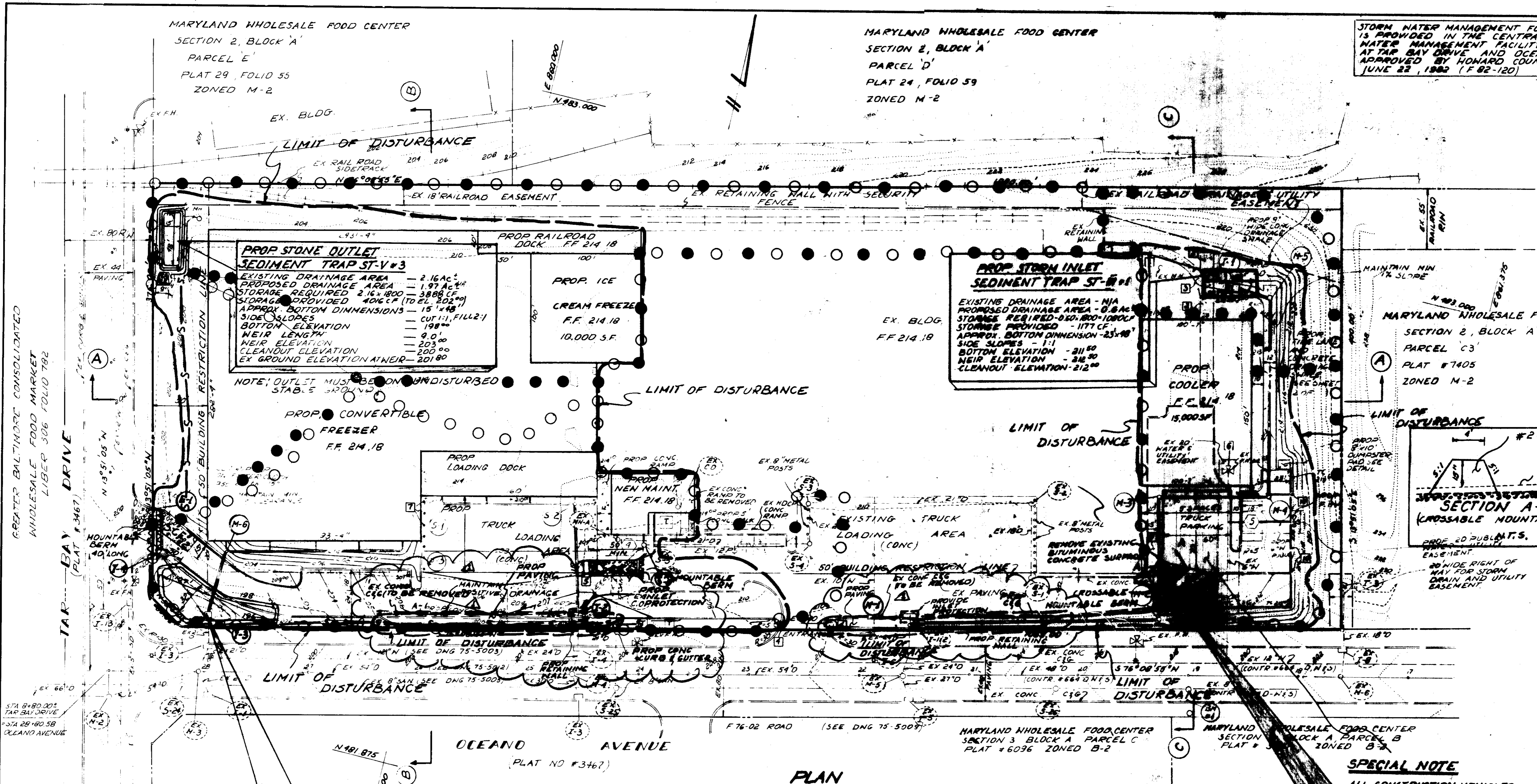
MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK A
PARCEL D
PLAT 24, FOLIO 59
ZONED M-2

STORM WATER MANAGEMENT FOR THIS SITE IS PROVIDED IN THE CENTRAL STORM WATER MANAGEMENT FACILITY LOCATED AT THE BAY DRIVE AND OCEANO AVENUE APPROVED BY HOWARD COUNTY ON JUNE 23, 1992 (F 62-120)



VICINITY MAP
SCALE 1"=2000'

BENCH MARKS:
BM #1 X-CUT 24.25 FT. 19+00 OCEANO AVE
ELEV. 219.73
BM #2 X-CUT IN HYDRANT HOLD DOWN
BOLT, 15+00 OCEANO AVE ELEV. 232.53



PLAN
SCALE: 1"=50'

SPECIAL NOTE

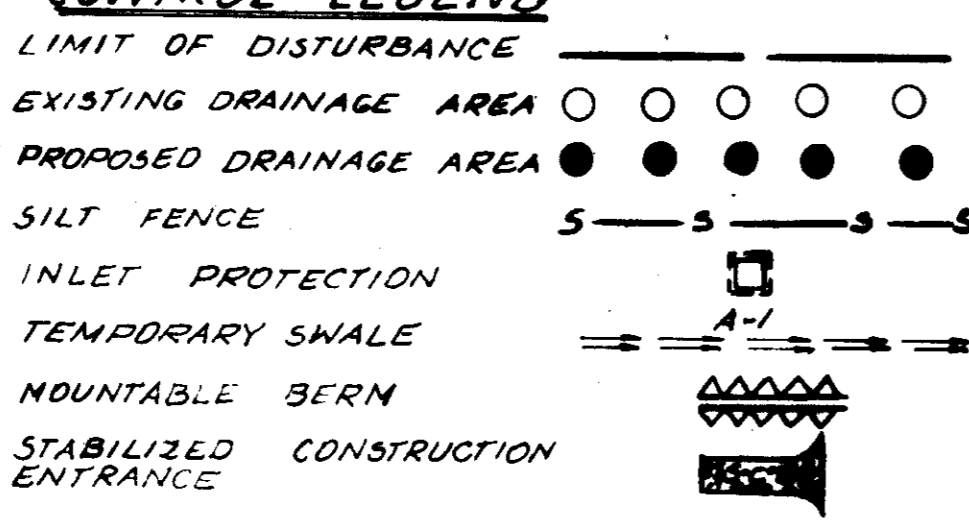
ALL CONSTRUCTION VEHICLES SHALL BE CLEANED OF DIRT AND DEBRIS BY HOUSING OFF THIRDS AND UNDERGARMENTS AS REQUIRED BEFORE LEAVING THIS AREA.

▲ AREA TO BE DISTURBED - 4200 SF
AREA TO BE VEGETATIVELY STABILIZED - 900 SF

AREA TO BE DISTURBED - 215622 SF = 4.95 AC
AREA TO BE VEGETATIVELY STABILIZED - 59800 SF = 1.37 AC

PROP STORM INLET SEDIMENT TRAP ST-III #1
EXISTING DRAINAGE AREA - 2.08 AC
PROPOSED DRAINAGE AREA - 2.23 AC
STORAGE REQUIRED 223 * 1800 = 401,400 CF (108,191 * 10)
STORAGE PROVIDED 406,000 CF (108,191 * 10)
APPROX. BOTTOM DIMENSION - 32' x 101'
SIDE SLOPES - 1:1
BOTTOM ELEVATION - 196.00
NEIR ELEVATION - 197.00
CLEANOUT ELEVATION - 196.70

SEDIMENT AND EROSION CONTROL LEGEND



LEGEND
C GRADE
PROP GROUND
EX CONC CURB & GUTTER
PROP CONC CURB & GUTTER
PROPERTY LINE
BUILDING RESTRICTION LINE
EX WATER LINE
PROP WATER LINE
EX STORM DRAIN
PROP STORM DRAIN
EX SANITARY SEWER
PROP SANITARY SEWER
EX HANDICAPPED PARKING
NO OF PARKING SPACES

THESE PLANS FOR SWAL CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.
John P. Robinson
APPROVED FOR THE HOWARD SOIL CONSERVATION DISTRICT
DATE: 4/19/91
PLAN NUMBER: 4/19/91
REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
James M. Hahn
DATE: 4/19/91
APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
James M. Hahn
DATE: 5/1/91
APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
James S. Smith
DATE: 5/10/91
James V. DeAngelis
DATE: 5/9/91
APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James S. Smith
DATE: 5/1/91
USED REPORT OF SURVEY: 60-20

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
PHF F-2	7850 OCEANO AVE

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL			
MARYLAND WHOLESALE FOOD CENTER	SECT. 2, BLOCK A	PARCEL F-2			
PLAT NO.	BLOCK NO.	ZONE	TAX MAP	ELECT. DIST.	CENSUS TRACT
7405	20 & 21	M-2	PHW 154	6TH	6069.01
WATER CODE	SEWER CODE				
802	3170000				

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
658 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
(301) 825-8120



ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
John P. Robinson
ENGINEER
REG. NO. 9782
DATE: 4/10/91

OWNER/DEVELOPER
MERCHANTS TERMINAL CORPORATION
501 NORTH KRESSON ST.
BALTIMORE, MD 21224
(301) 342-9300

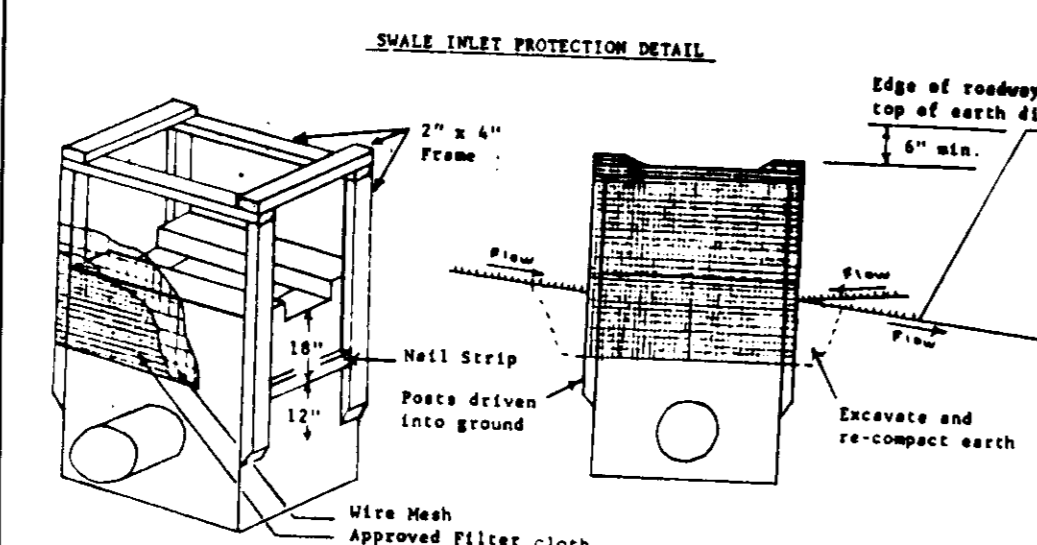
DEVELOPER'S CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE BY A MD DEPT. OF THE ENVIRONMENT/ APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.
DEVELOPER: *Ray Johnson*
DATE: 4-18-91

DESIGN: V.3
DRAIN: H.C.
CHECKED: V.3, JJS
REVISIONS:
▲ 10/11/94 ADDED INLETS PROTECTION
V.2

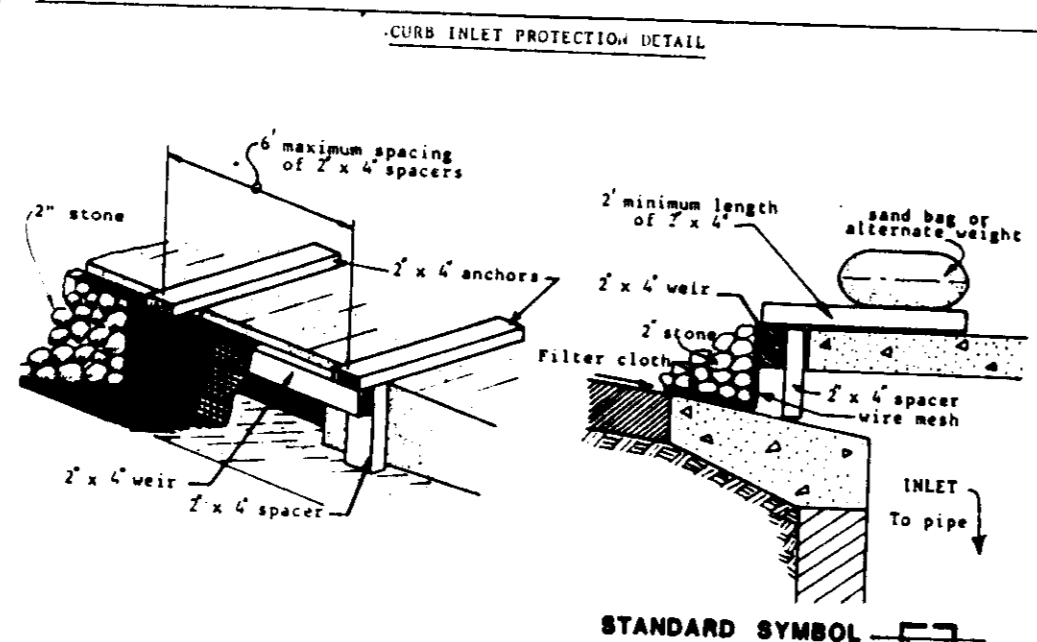
SEDIMENT AND EROSION CONTROL PLAN FOR FREEZER FACILITY EXPANSION
MERCHANTS TERMINAL CORPORATION
MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK A, PARCEL F-2
HOWARD COUNTY, MD
ELECT. DIST. #6
SCALE: 1"=30'
BUILDING AND PARKING ADDITIONS TO 502-99-34
DATE: 3.8.91
SHEET 4 OF 5
PN. 6661
SDP-91-99

SEDIMENT CONTROL NOTES

- 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. (592-14377)
- 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 temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7) Site Analysis:
 Total Area of Site: 9.91 Acres
 Area Disturbed: 4.95 Acres
 Area to be rooted or paved: 3.50 Acres
 Area to be vegetatively stabilized: 1.37 Acres
 Total Cut: 6000 Cu. yds
 Total Fill: 6000 Cu. yds
 Offsite waste/borrow area location: *CONTRACTOR'S APPROVED DISPOSAL SITE.*
- 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 DPM 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.



STANDARD SYMBOL



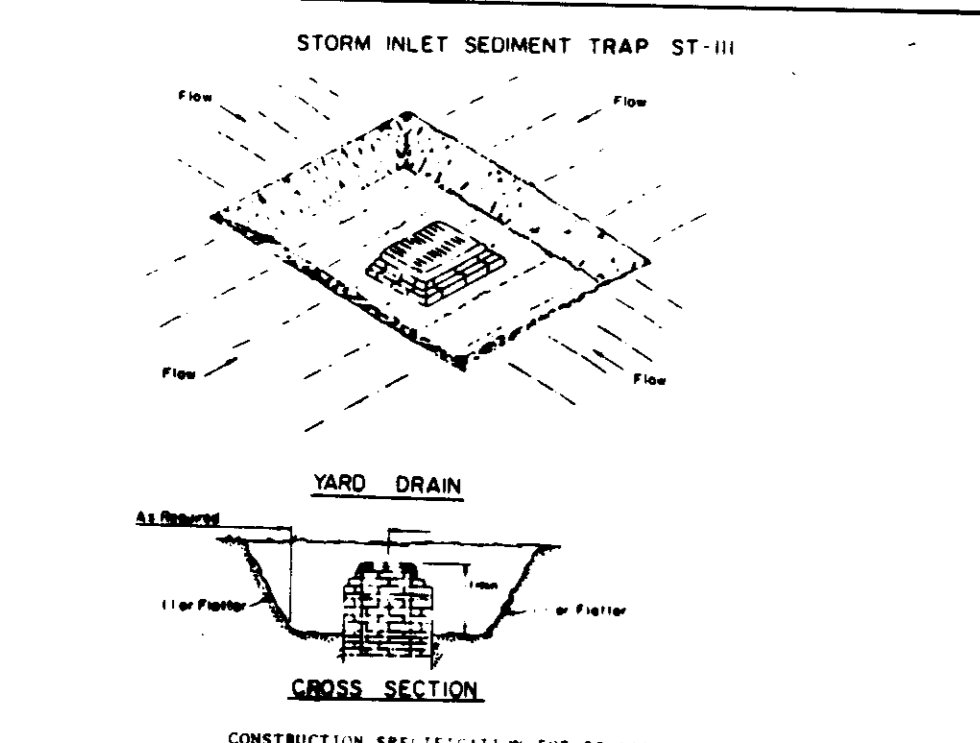
STANDARD SYMBOL

Construction Specifications FOR STORM DRAIN INLET PROTECTION

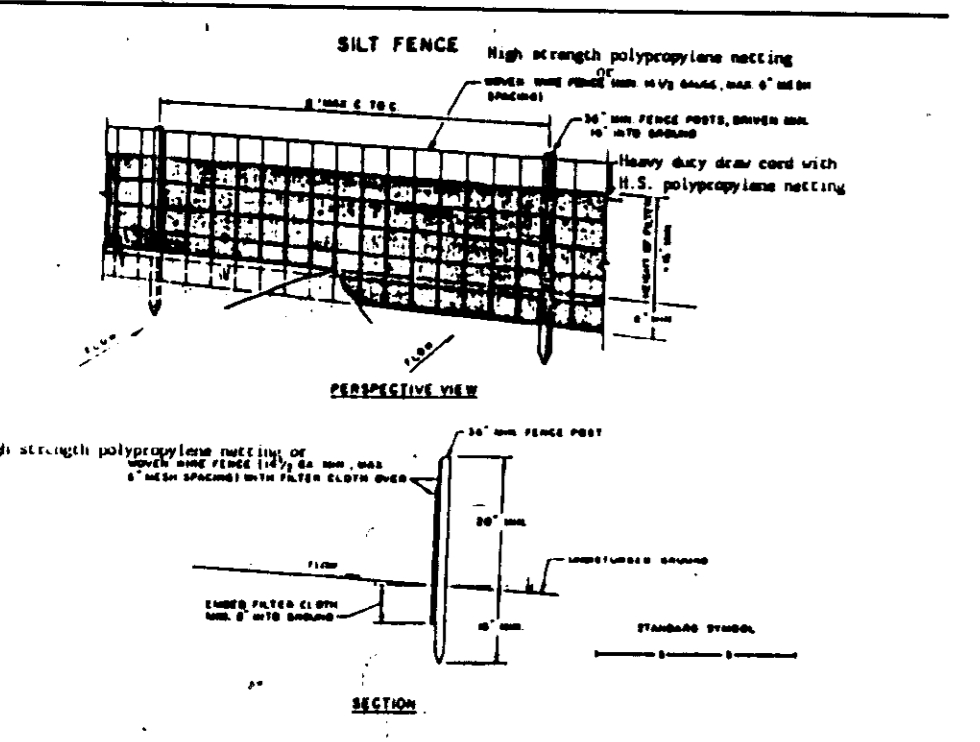
- I. Materials**
 - A. Wooden frame is to be constructed of 2" x 4" construction grade lumber.
 - B. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it.
 - C. Filter cloth must be of a type approved for this purpose; resistant to sunlight with a size, 10M, 40-85, to allow sufficient passage of water and removal of sediment.
 - D. Stone to be 2" in size and clean, since fines would clog the cloth.
- II. Procedures**
 1. Excavate completely around inlet to a depth of 18" below notch elevation.
 2. Drive 2 x 4 post 1' into ground at each corner of inlet. Place nail strips between posts on ends of inlet. Assemble top portion of 2 x 4 frame using overlap joint shown. Top of frame (wire) must be 5" below edge of roadway adjacent to inlet.
 3. Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.
 4. Stretch filter cloth tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet notch elev. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.
 5. Backfill around inlet to compacted 6" layers well layer of earth is even with notch elevation on ends and top elevation on sides.
 6. If the inlet is not in a low point, construct a compacted earth dike in the ditchline below it. The top of this dike is to be at least 6" higher than the top of frame (wire).
 7. This structure must be inspected frequently and the filter fabric replaced when clogged.

SEQUENCE OF OPERATIONS

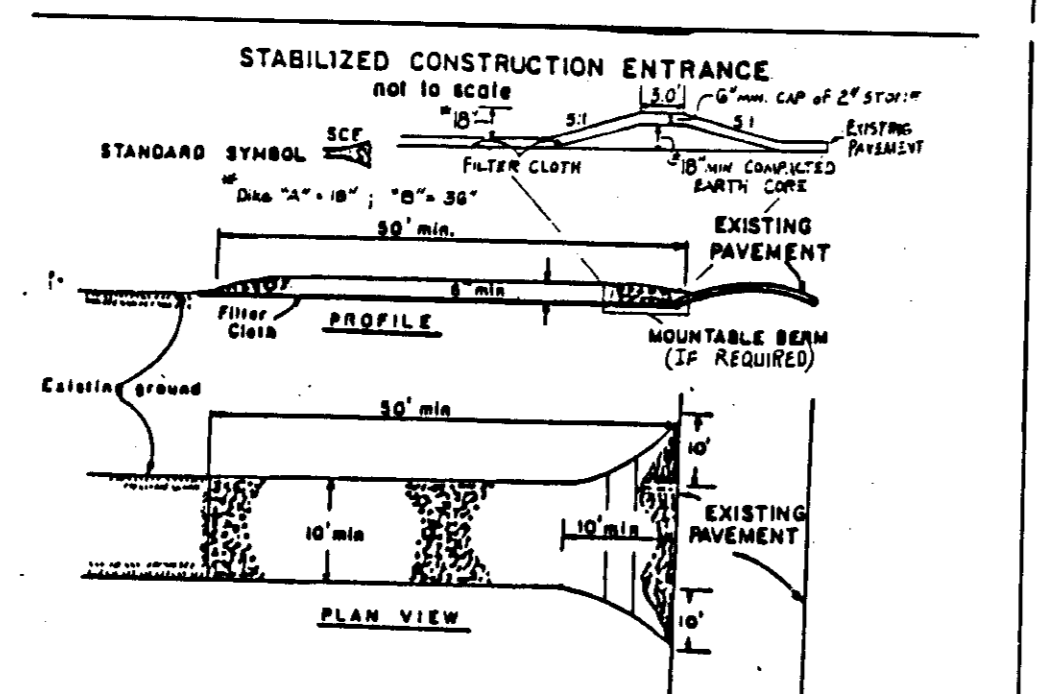
1. OBTAIN GRADING PERMIT.
2. NOTIFY THE HOWARD COUNTY DEPARTMENT OF PERMITS AND LICENSES, SEDIMENT CONTROL INSPECTOR, 48 HOURS BEFORE BEGINNING WORK.
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE. *SEE #1*
4. DURING A FIVE DAY DRY WEATHER FORECAST, REMOVE EXISTING CONCRETE END SECTION AT PROPOSED I-3 AND INSTALL STORM DRAIN SYSTEM FROM I-3 TO E-1 AND 35 L.F. OF 18" DRAIN FROM I-3 TO M-6.
5. CLEAR AND GRUB FOR SEDIMENT CONTROL MEASURES AND DEVICES ONLY (EXCEPT STORM INLET SEDIMENT TRAP ST-III #1).
6. CONSTRUCT/INSTALL ALL SEDIMENT CONTROL MEASURES AND DEVICES ONLY (EXCEPT STORM INLET SEDIMENT TRAP ST-III #1). INCLUDING REMOVAL OF EXISTING BITUMINOUS CONCRETE SURFACE AT ST-V #2. *GRADE FOR ENTRANCE ON THE DAY DONE AND INSTALL SCREED.*
7. RELOCATE EXISTING FIRE HYDRANT AFTER OBTAINING PERMISSION FROM BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
8. INSTALL STORM DRAIN SYSTEM FROM M-1 TO I-1 AND CONSTRUCT/INSTALL STORM INLET SEDIMENT TRAP ST-III #1.
9. DURING A FIVE DAY DRY WEATHER FORECAST, REMOVE CONCRETE END SECTIONS AT PROPOSED I-2 AND AT EXISTING STORM DRAIN FROM (EXISTING S-5). INSTALL I-2 AND PROPOSED 24" D. PROVIDE INLET PROTECTION.
10. PROCEED WITH GRADING OPERATIONS. MAINTAIN POSITIVE DRAINAGE TO SEDIMENT CONTROL MEASURES AND DEVICES.
11. AS WORK PROGRESSES INSTALL BUILDING FOOTINGS AND FOUNDATION WALLS AND CONTINUE CONSTRUCTION.
12. PROCEED WITH GRADING OPERATIONS. EXCEPT, MAINTAIN POSITIVE FLOW ALONG OCEANO AVENUE TO ST-III #4.
13. INSTALL REMAINING STORM DRAIN SYSTEM INCLUDING CONNECTION OF ALL ROOF DRAINS TO THE STORM DRAIN SYSTEM.
14. PROCEED WITH GRADING AND INSTALL CURB AND GUTTER AND STONE SUBBASE
15. FINE GRADE AND STABILIZE ALL REMAINING AREAS.
16. AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL MEASURES AND DEVICES. INSTALL REMAINDER OF STONE SUBBASE AND CURB AND GUTTER. STABILIZE ALL REMAINING AREAS AND PROCEED WITH RESURFACING AND PAVING OPERATIONS.



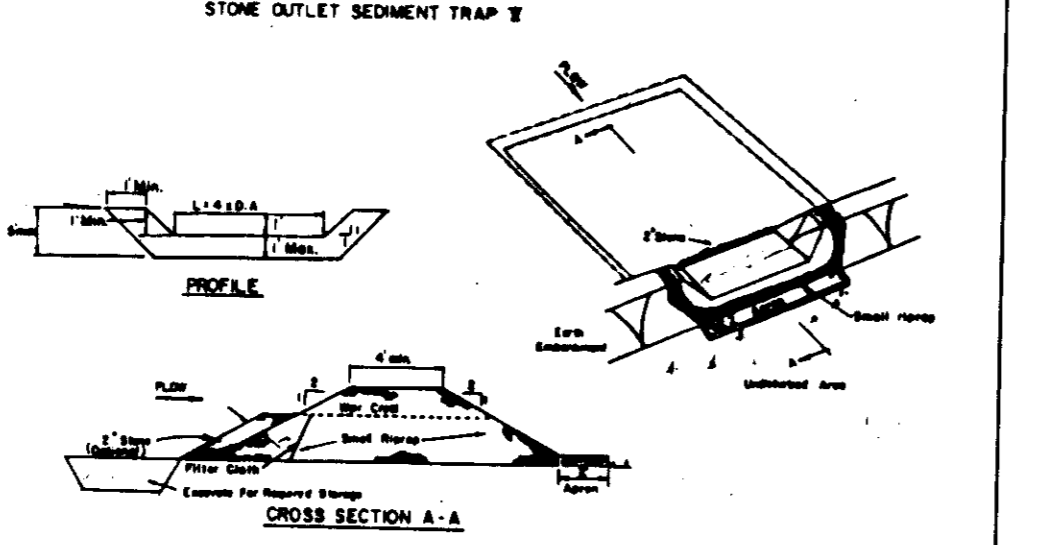
1. Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
2. The volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage.
3. The structure shall be inspected after each rain and repairs made as needed.
4. Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
5. The sediment trap shall be removed and the area stabilized when the constructed drainage area has been properly stabilized.
6. All cut slopes shall be 1:1 or flatter.



1. High strength polypropylene netting of 100 mesh shall be used. Netting shall be held in place by 2x4 posts driven into the ground.
2. Filter cloth to be fastened to posts with 1/2" galvanized wire. Netting shall be held in place by 2x4 posts driven into the ground.
3. Netting shall be held in place by 2x4 posts driven into the ground.
4. Maintenance shall be performed as needed and reported to the inspector.



1. Stone Size - The 2" stone, or retained or recycled concrete equivalent.
2. Length - As required, but not less than 30 ft. (except on a single residence lot where a 30 ft minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) ft. maximum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Meter - All surface meter (fining or dewatered) construction entrances shall be piped across the entrance. If piping is impractical, a manhole with 1:1 slopes will be provided.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleaning of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately.
8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.



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 and 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. All cut and fill slopes shall be 2:1 or flatter.
4. The stone used in the outlet shall be small riprap 4"-8" along with a 1" thickness of 2" aggregate placed on the upgrade side on the small riprap 2" sized filter cloth in the riprap.
5. 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.
6. The structure shall be inspected after each rain and repairs made as needed.
7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

PERMANENT SEEDING NOTES

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

Seeding 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 lb/1000 square ft) and 400 lb per acre 10-10-10 fertilizer (14 lb/1000 sq ft) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lb per acre 30-0-0 urea/ammonia fertilizer (9 lb/1000 sq. ft.).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq ft) and 100 lb per acre 10-10-10 fertilizer (23 lb/1000 sq. ft) before seeding. Harrow or disk into upper three inches of soil.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lb per acre (1.4 lb/1000 sq ft) of Kentucky 31 Tall Fescue, per the period May 1 thru July 31, seed with 60 lb Kentucky 31 Tall Fescue per acre and 2 lb per acre (.05 lb/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 lb/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 lb/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool of 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

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

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

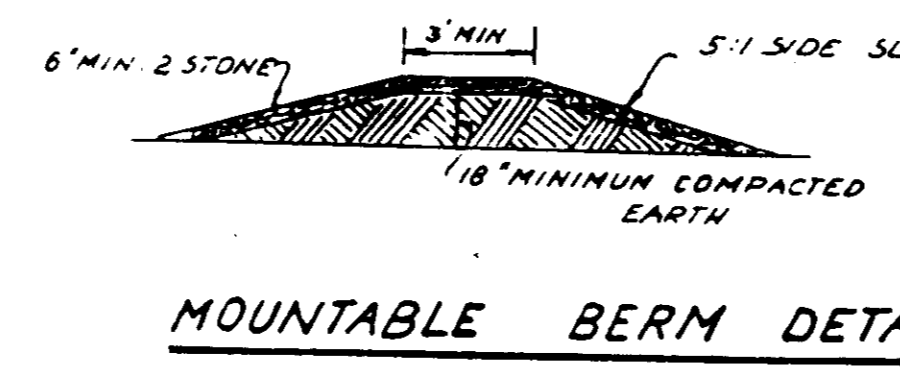
Seeding Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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

Seeding - For periods March 1 thru April 30 and from August 15 thru October 15, seed with 2-1/2 tons per acre of annual rye (3.2 lb/1000 sq ft). For the period May 1 thru 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 sod.

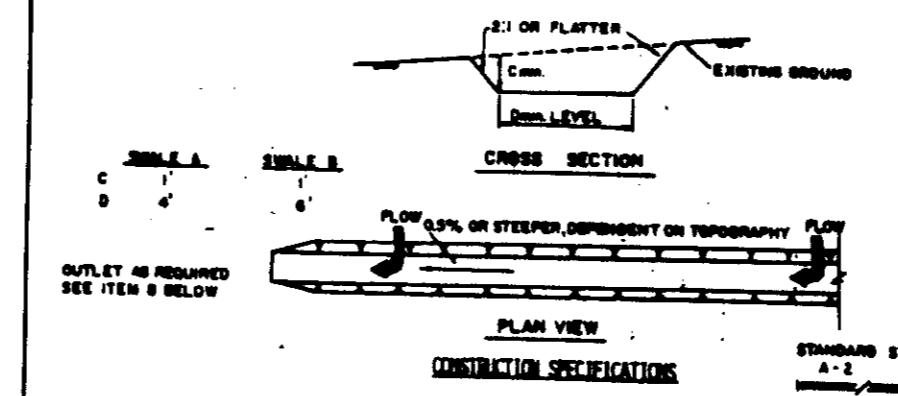
Mulching - Apply 1-1/2 to 2 tons per acre (70 to 90 lb/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool of 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348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



MOUNTABLE BERM DETAIL

TEMPORARY SWALE



1. ALL TEMPORARY SWALES SHALL HAVE UNDISTURBED POSITIVE DRAINAGE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL BE DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT REDUCED VELOCITY.
4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBSTRUCTIVE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
5. THE SWALE SHALL BE EXCAVATED OR SHIPPED TO LIME, GRADE, AND CORRECT SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF SOIL PROJECTIONS OR OTHER OBSTRUCTIONS WHICH WILL IMPAIR NORMAL FLOW.
6. FILLS SHALL BE CONSTRUCTED BY SMOOTH FINISH EQUIPMENT.
7. ALL SWALE REMOVAL OR REPAIR WORKS OF CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.

FLOW CHANNEL STABILIZATION

TYPE OF CHANNEL	CHANNEL SIZE	1 (5' or less)	2 (5' to 10')
1	0.5-3.0	Seed and Straw PULCH	Seed and Straw PULCH
2	3.1-5.0	Seed and Straw PULCH	Seed and Straw PULCH
3	5.1-8.0	Seed with Jute or Cellulose Fiber	Seed with Jute or Cellulose Fiber
4	8.1-20.0	Seed with Jute or Cellulose Fiber	Seed with Jute or Cellulose Fiber

3. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

John R. Pollock
 APPROVED HOWARD SOIL CONSERVATION DISTRICT
 DATE: 4/19/91

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

James M. Helms
 APPROVED FOR THE HOWARD CONSERVATION DISTRICT
 DATE: 4/19/91

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

James M. Campbell
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 DATE: 5/18/91

David L. Smith
 APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DATE: 5/18/91

David L. Smith
 CHIEF DIVISION OF COMMUNITY PLANNING DATE AND LAND DEVELOPMENT
 DATE: 5/18/91

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Lee
 APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM AND PUBLIC ROADS.
 DATE: 5/18/91

James J. Lee
 BUREAU OF ENGINEERING
 DATE: 5/18/91

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 658 KENILWORTH DRIVE, SUITE 100
 TOWSON, MARYLAND 21204
 (301) 825-8120

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

John J. Lee
 ENGINEER
 REG. NO. 4732
 DATE: 4/19/91

OWNER/DEVELOPER
MERCHANTS TERMINAL CORPORATION

501 NORTH KRESSON ST.
 BALTIMORE, MD 21224
 (301) 342-9300

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A NO. DEPT. OF PUBLIC WORKS APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER: *Ray J. Johnson* DATE: 4-18-91

DESIGN: V-3
 DRAWN: H.C.
 CHECKED: V-3/JJS

REVISIONS:

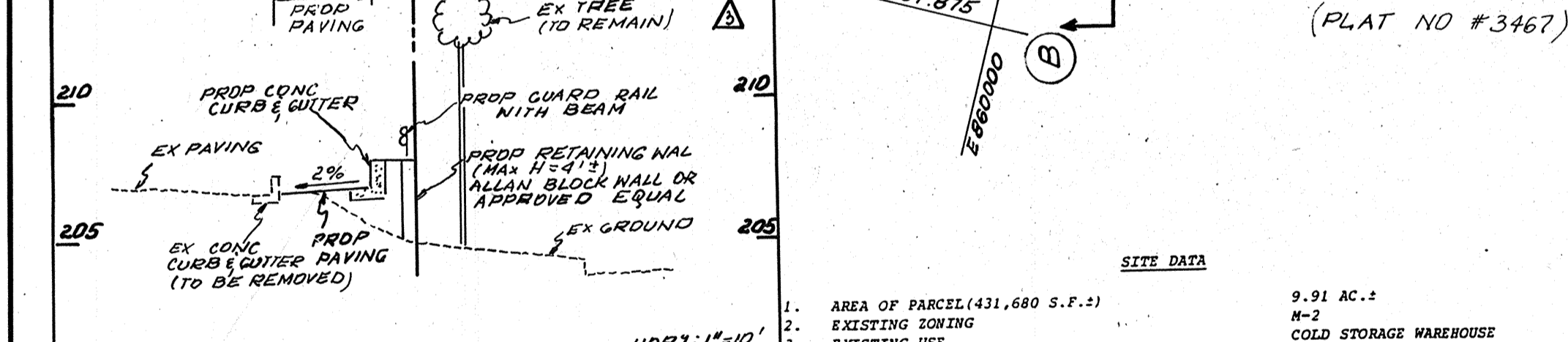
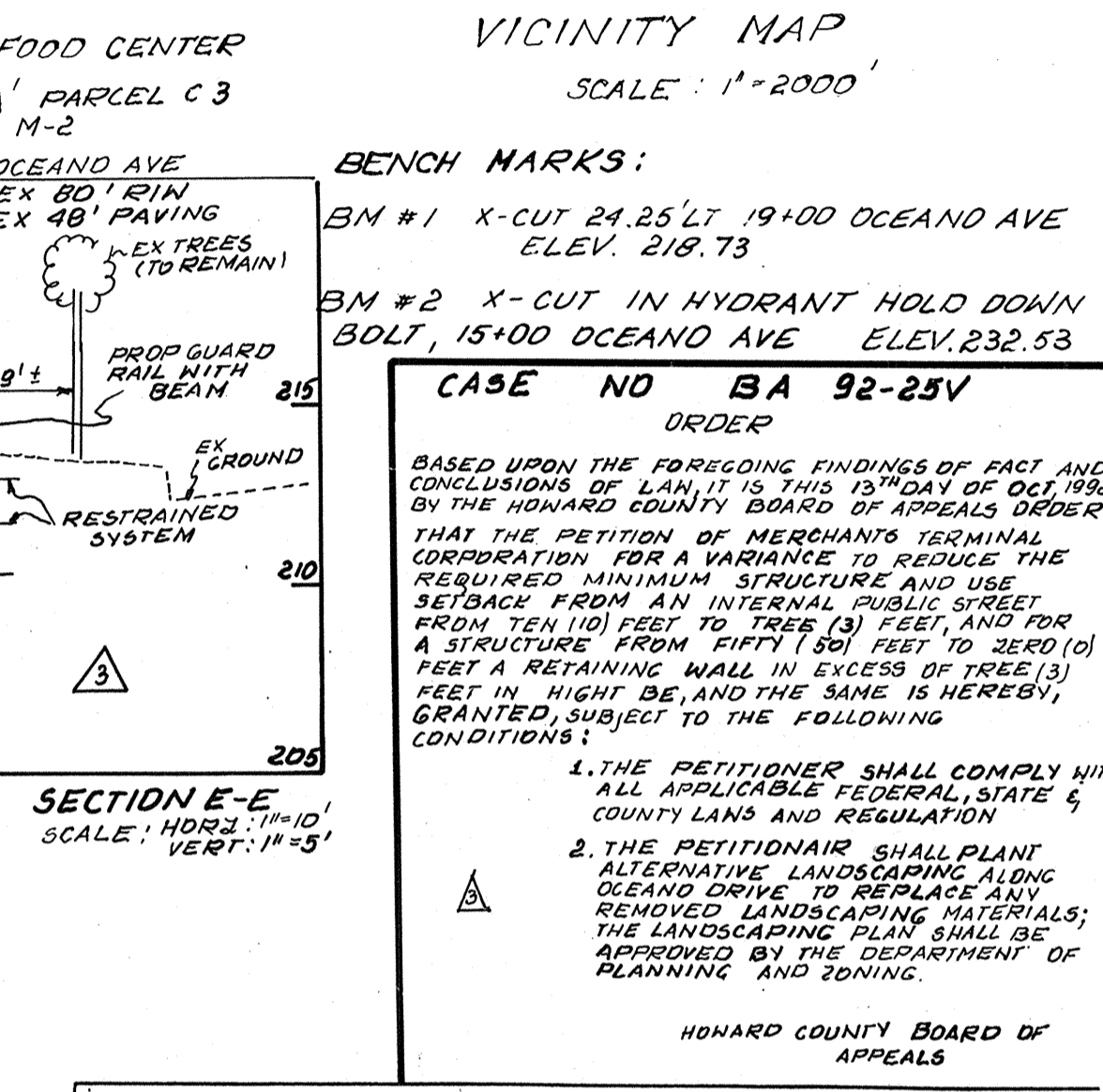
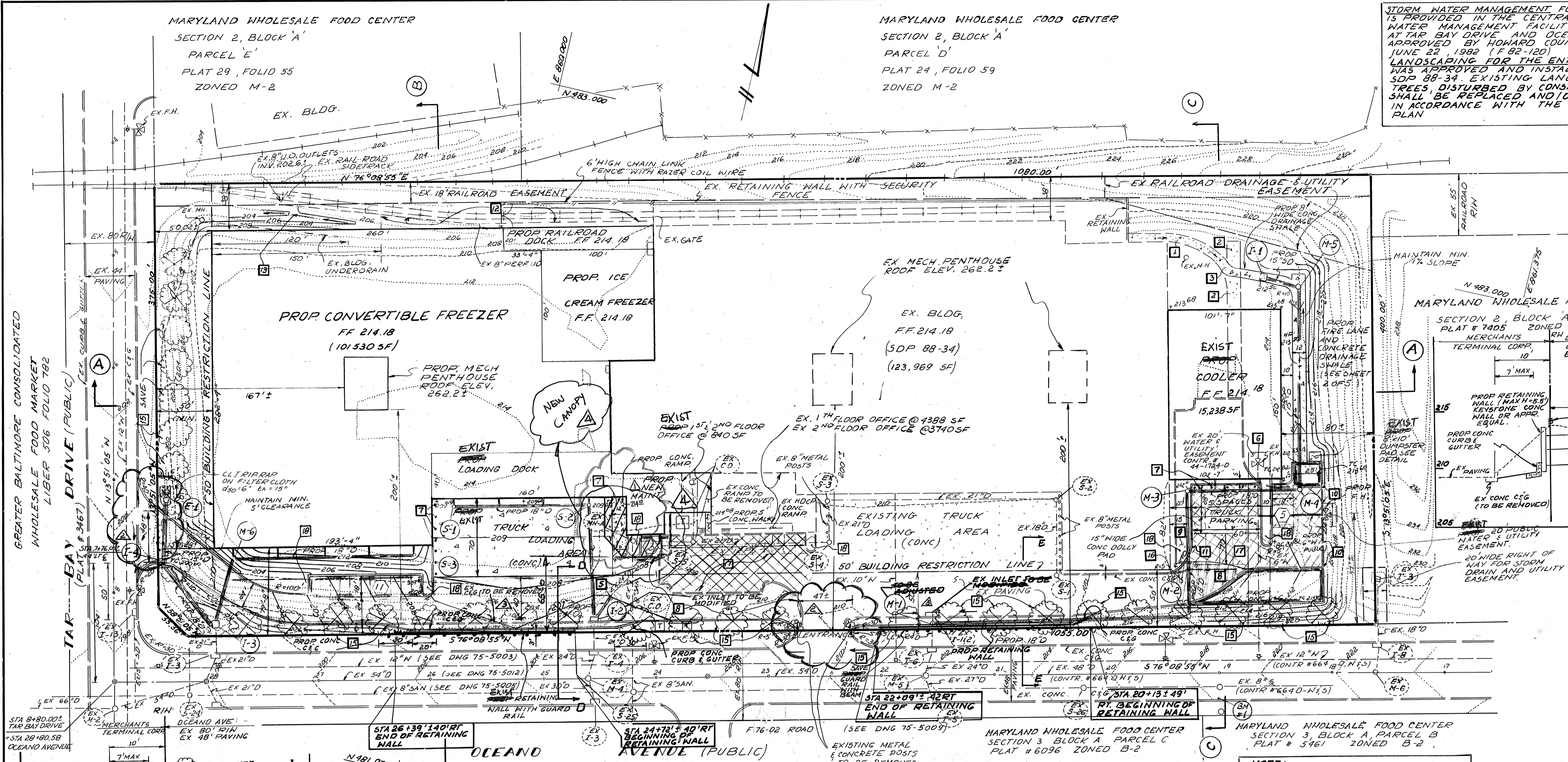
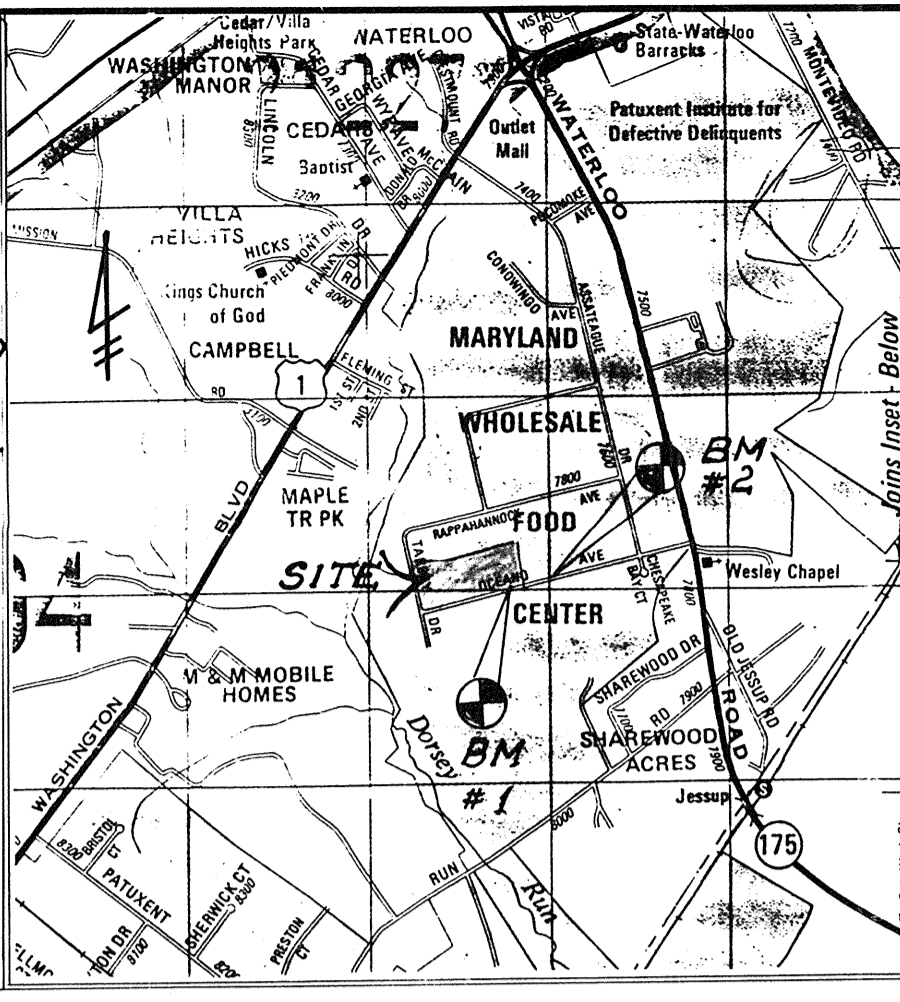
SEDIMENT AND EROSION CONTROL-DETAILS FOR FREEZER FACILITY EXPANSION
MERCHANTS TERMINAL CORPORATION
 MARYLAND WHOLESALE FOOD CENTER
 SECTION 2, BLOCK A, PARCEL F-2
 HOWARD CO, MD
 ELECT. DIST. #6
 SCALE: 1"=50'
 BUILDING AND PARKING ADDITIONS TO SDD-BB-3A

DATE: 3.8.91
 SHEET 5 OF 5
 PN 6661
 SDD-BB-3A

MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK A
PARCEL E
PLAT 29, FOLIO 55
ZONED M-2

MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK A
PARCEL D
PLAT 24, FOLIO 59
ZONED M-2

STORM WATER MANAGEMENT FOR THIS SITE IS PROVIDED IN THE CENTRAL STORM WATER MANAGEMENT FACILITY LOCATED AT TAR BAY DRIVE AND OCEANO AVENUE APPROVED BY HOWARD COUNTY ON JUNE 23 1982 L.F. 82-120. LANDSCAPING FOR THE ENTIRE SITE WAS APPROVED AND INSTALLED UNDER SDP 88-34. EXISTING LANDSCAPE TREES, DISTURBED BY CONSTRUCTION SHALL BE REPLACED AND/OR REPLANTED IN ACCORDANCE WITH THE ORIGINAL PLAN.



LEGEND

PROPOSED CONCRETE PAVING (SEE DETAIL SH. 2 OF 5)
LIGHT DUTY PAVING (PASSANGER PARKING) (SEE DETAIL SH. 2 OF 5)
HEAVY DUTY PAVING (TRUCK PARKING) (SEE DETAIL SH. 2 OF 5)
RESURFACING OF EX. PAVEMENT (SEE CONSP. NOTE 17)
REMOVE SURFACE AND REPAVE (SEE CONSP. NOTE 18)

EX. GRADE
PROP. GROUND
EX. CONC. CURB & GUTTER
PROP. CONC. CURB & GUTTER
PROPERTY LINE
BUILDING RESTRICTION LINE
EX. WATER LINE
PROP. WATER LINE
EX. STORM DRAIN
PROP. STORM DRAIN
EX. SANITARY SENEER
PROP. SANITARY SENEER
EX. HANDICAPPED PARKING
NO. OF PARKING SPACES

SITE DATA

AREA OF PARCEL (431,680 S.F.)	9.91 AC.
EXISTING ZONING	M-2
PROPOSED USE	COLD STORAGE WAREHOUSE
PROPOSED FLOOR SPACE	COLD STORAGE WAREHOUSE
OFFICE	TOTAL
9,428 S.F.	124,713 S.F.
1,680 S.F.	117,645 S.F.
7,748 S.F.	242,358 S.F.
TOTAL	
29,116 S.F.	311,203 S.F.

6. PARKING REQUIREMENTS (PER LETTER FROM OWNER TO HOWARD COUNTY DATED 3/15/91)

OFFICE	WAREHOUSE
EX. ENPL. (MAX. SHIFT)	7
PROP. ENPL. (MAX. SHIFT)	2
TOTAL (MAX. SHIFT)	9
OFFICE ENPL. # 7 P.S./10 ENPL. #	6 P.S.
WAREHOUSE ENPL. # 1 P.S./11 ENPL. #	17 P.S.
TOTAL PARKING SPACES REQUIRED	23 P.S.

7. PARKING PROVIDED (INCLUDES 2 HANDICAPPED SPACES) 31 P.S.
(ALL PARKING SPACES ARE 9' X 18' EXCEPT HANDICAPPED ARE 12' X 18' EQUIV.)

8. BUILDING COVERAGE 55%
238,778/431,680 =

9. PARKING AREAS 15,072 S.F. = 753 S.F.
LANDSCAPED ISLANDS PROVIDED = 1058 S.F.
PERCENTAGE OF LANDSCAPED ISLANDS PROVIDED = 7%

PLAN
SCALE: 1"=50'

- GENERAL NOTES**
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, OR AS SHOWN ON THESE PLANS.
 - ONLY THE BENCH MARKS SHOWN ON THE PLAN SHALL BE USED FOR ELEVATION CONTROL OF CONSTRUCTION.
 - ALL AREAS NOT BEING PAVED OR RECEIVING BUILDING COVERAGE SHALL BE STABILIZED IN ACCORDANCE WITH THE PLANS APPROVED BY HOWARD COUNTY CONSERVATION DISTRICT.
 - ANY DAMAGE TO PUBLIC RIGHTS-OF-WAY AND/OR ADJACENT PROPERTIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR SHALL MAINTAIN AT LEAST A 2' LEVEL BENCH BEHIND ALL CURB AND GUTTER IN FILL AREAS.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE STARTING CONSTRUCTION.
 - ALL SLOPES SHALL BE 2:1 OR FLATTER.
 - THE CONTRACTOR SHALL NOTIFY THE C & P TELEPHONE COMPANY AND THE GAS AND ELECTRIC COMPANY FIVE DAYS PRIOR TO STARTING WORK SHOWN ON THE PLANS BY CALLING "MISS UTILITY". CALL 1-800-257-7777.
 - RANGE AND STONE FOR THE HANDICAPPED ARE EXISTING AS APPROVED AND CONSTRUCTED UNDER SDP 88-34.
 - THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4' COVER OVER ALL PROPOSED WATER LINES.
 - ALL REP-RAP SHALL BE PLACED ON FILTER CLOTH.
 - THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 992-2417 OR 792-7272.
 - THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVING, CURB AND GUTTER, ETC. THAT MAY INTERFERE WITH PROPOSED CONSTRUCTION AND DISPOSE OF OFF THE SITE AT AN APPROVED LOCATION.
 - ALL UTILITIES INSTALLED WITHIN THE PROPOSED PAVED AREAS SHALL RECEIVE FULL TRENCH PROTECTION.
 - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
 - NO PIPE SHALL BE Laid UNTIL LINES OF ELEVATION HAVE BEEN BROUGHT TO SUBGRADE.
 - TOPOGRAPHY IS BASED ON FIELD SURVEY PERFORMED BY GEORGE WILLIAM STEPHENS, INC. & ASSOCIATES, INC. (FEBRUARY 1991)
 - ALL UTILITY TRENCHES SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.

CONSTRUCTION NOTES

- EXISTING CONCRETE DRAINAGE SWALE TO REMAIN.
- EXISTING FIRE LANE AND CONCRETE DRAINAGE SWALE TO BE REMOVED AND DISPOSED OF OFF THE SITE.
- MATCH EXISTING CONCRETE DRAINAGE SWALE FOR GRATE.
- REMOVE EXISTING CONCRETE END SECTION, INSTALL 11" CONCRETE COLLAR AND EXTEND 24" RCC PIPE TO 1-2
- EXISTING FM TO BE SALVAGED AND REINSTALLED WHERE SHOWN ON PLAN.
- PROPOSED 8" DIAMETER PIPE BARRIER (CONC. FILLED) 6" C/O 36" TOP ELEV. = 214.2
- 2" SET IN 18" DIAMETER CONC. FOUNDATION.
- REMOVE EXISTING CURB AND GUTTER CUT NEAR VERTICAL CURVE, MATCH EXISTING PAVEMENT.
- REMOVE EXISTING PAVING AND EXISTING CURB AND GUTTER, BACKFILL, GRADE TO DRAIN.
- EXISTING CURB AND GUTTER TO REMAIN, MATCH WITH PROPOSED CURB AND GUTTER.
- PROPOSED TOP OF CURB ELEVATION EQUALS EXISTING PAVEMENT PLUS 0.67'.
- EXCAVATE TO TOP OF EXISTING #2 STONE BACKFILL OF EXISTING 8" PERF. UNDERDRAIN. BACKFILL WITH #2 STONE TO ELEVATION LEVEL WITH TOP OF EXISTING RAILROAD TIES.
- GRADE FOR SURFACE DRAIN DITCH, MINIMUM 15' FROM CENTER LINE EXISTING RAILROAD SIDING, MAX. SLOPE = 2:1.
- NOT USED.
- EXISTING LANDSCAPE TREES IN CONFLICT WITH PROPOSED CONSTRUCTION SHOWN THUS SHALL BE REMOVED AND REPLACED IN KIND (2 1/2" CALIPER TILIA CORDATA (LITTLE LEAF LINDEN) (2) TREES NOTED 'SAVE' SHALL BE PROTECTED FROM DAMAGE (SEE SHEET 1 OF 5).
- REMOVE EXISTING BITUMINOUS CONCRETE SURFACE AS REQUIRED ON EROSION AND SEDIMENT CONTROL PLAN AND REPAVE UPON COMPLETION OF WORK 4" BIT. CONC. BASE, 1 1/2" BIT. CONC. SURFACE.
- RESURFACE EXISTING PAVED AREA SHOWN CROSS HATCHED WITH 1 1/2" BIT. CONC. BAND SN. FEATHER TO 1/2" AT FACE OF EXISTING CURBS.
- SEE SHEET 3 OF 5 FOR LANDSCAPE DETAILS.

NOTE:
SKETCH PLAN 5-68-15
PRELIM PLAN P-68-44
FINAL PLAN F-76-02
RECORD PLAN # 7405 F-88-18
SDP (PREVIOUS) SDP 88-34

THESE PLANS FOR S.W.M. CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD COUNTY CONSERVATION DISTRICT.

John P. Blanton
APPROVED: HOWARD COUNTY CONSERVATION DISTRICT
DATE: 4/19/91

PLAN NUMBER: _____ DATE: _____

REVIEWED FOR THE HOWARD CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Jimm M. Hebl
APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 4/19/91

James M. Bagdasarian
APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 5/8/91

Joseph S. Latta
DIRECTOR
DATE: 5/10/91

Paul W. J. ...
CHIEF DIVISION OF COMMUNITY PLANNING
DATE: 5/3/91
AND LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER, SEWER, STORM DRAIN SYSTEM AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Lewis
DIRECTOR
DATE: 5/3/91

...
CHIEF BUREAU OF ENGINEERING
DATE: 5-1-91

ADDRESS CHART

BUILDING NO.	STREET ADDRESS
PAR F-2	7950 OCEANO AVE

SUBDIVISION NAME MARYLAND WHOLESALE FOOD CENTER
SECTION SECTION 2
BLOCK BLOCK A
PARCEL PARCEL F-2

PLAT NO.	BLOCK NO.	ZONE	TAX MAP	ELECT. DIST.	CENSUS TRACT
7405	20421	M-2	PAR 544	6TH	6062.01

WATER CODE: B 02
SEWER CODE: 317000

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
658 KENILWORTH DRIVE, SUITE 100
TOWSON, MARYLAND 21204
(301) 825-8120

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY CONSERVATION DISTRICT.

John P. Blanton
4732
REG. NO. DATE: 4/18/91

OWNER/DEVELOPER
MERCHANTS TERMINAL CORPORATION
501 NORTH KRESSON ST.
BALTIMORE, MD 21224
(301) 342-9300

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A NO. DEV. OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEMAILED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD COUNTY CONSERVATION DISTRICT.

DEVELOPER: *Ray J. Johnson* DATE: 4-18-91
TITLE: PRESIDENT

DESIGN: V.2.
DRAWN: H.C.
CHECKED: V.3 JJS

REVISIONS:
1. 6/17/91 REVISED PROP. CONC. DAM
2. 8/12/91 REVISED PROP. CONC. DAM
3. 8/12/91 REVISED PROP. CONC. DAM
4. 8/12/91 REVISED PROP. CONC. DAM
5. 8/12/91 REVISED PROP. CONC. DAM

SITE DEVELOPMENT PLAN
FREEZER FACILITY EXPANSION
MERCHANTS TERMINAL CORPORATION
MARYLAND WHOLESALE FOOD CENTER
SECTION 2, BLOCK A, PARCEL F-2
HOWARD CO, MD
ELECT. DIST. #6
SCALE: 1"=50'
BUILDING AND PARKING ADDITIONS TO SDP-88-34

DATE: 3-8-91
SHEET 1 OF 5
PN. 6661
SDP-91-99