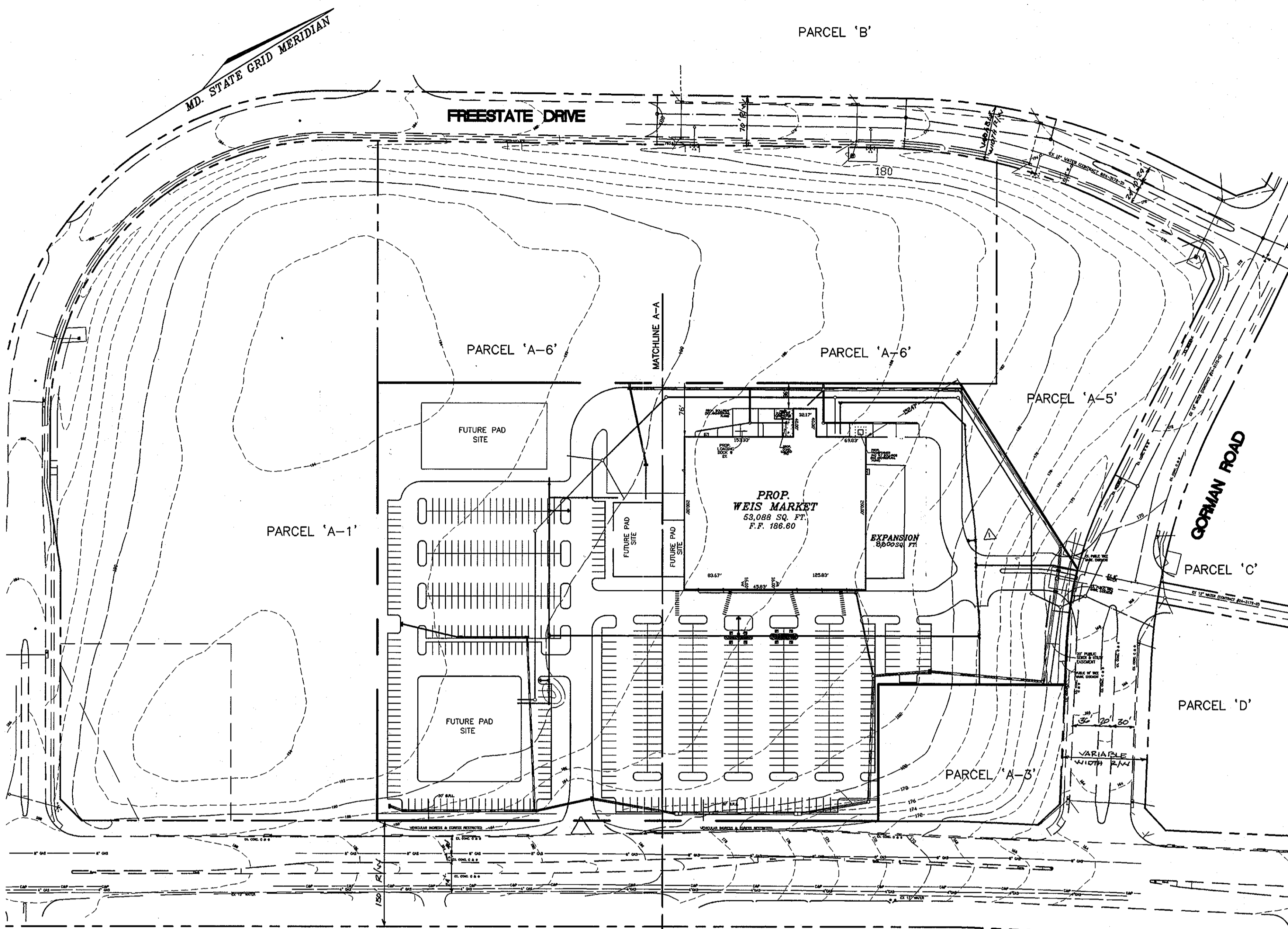


VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:
 - MISS UTILITY: 1-800-257-7777
 - C & P TELEPHONE COMPANY: 725-9976
 - HOWARD COUNTY BUREAU OF UTILITIES: 313-2366
 - AT&T CABLE LOCATION DIVISION: 393-3553
 - B.G.&E. CO. CONTRACTOR SERVICES: 850-4620
 - B.G.&E. CO. UNDERGROUND DAMAGE CONTROL: 787-4620
 - STATE HIGHWAY ADMINISTRATION: 531-5533
- SITE ANALYSIS:
 - AREA OF PARCEL/AREA OF SUBMISSION: A-4 = 12,2402 AC +/-
 - PRESENT ZONING: B-2
 - USE OF STRUCTURES: RETAIL
 - TOTAL BUILDING AREAS: 61,800 SQ. FT.
 - BUILDING COVERAGE ON SITE: 1.42 AC OR 11.01% OF GROSS AREA
 - PAVED PARKING LOT/AREA ON SITE: 4,365 AC +/- OR 35.66% OF GROSS AREA
 - AREA OF LANDSCAPE ISLAND REQUIRED: 5,480 SQ. FT. OR 0.126 AC +/-
 - AREA OF LANDSCAPE ISLAND PROVIDED: 18,740 SQ. FT. OR 0.430 AC +/-
- PROJECT BACKGROUND:
 - LOCATION: SAVAGE, MARYLAND TAX MAP: 47 PARCEL: A-4
 - ZONING: B-2
 - SECTION/AREA: N/A
 - SITE AREA: 12,2402 AC +/-
 - DPZ REFERENCES: S90-28, P91-02, F-92-74, F-98-149
 - DISTURBED AREA: 12.44 AC
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
- ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS AND AVAILABLE RECORD DRAWINGS, APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- ALL REINFORCED CONCRETE FOR STORM DRAIN STRUCTURES SHALL HAVE A MINIMUM OF 28 DAYS STRENGTH OF 3,500 P.S.I.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.
- SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOILS TEST.
- ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C'.
- VOLUME 1 OF HOWARD COUNTY DESIGN MANUAL.
- STORMWATER MANAGEMENT (QUANTITY & QUALITY) IS PROVIDED FOR UNDER F-92-74.
- COORDINATES AND ELEVATIONS ARE BASED ON THE FOLLOWING HOWARD COUNTY MONUMENTS:
 - 471B N 529,701.5793 E 1,361,469.7579
 - 471C N 532,036.8853 E 1,362,819.0580
- A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
- FOR PAVING SECTION DETAIL (SEE SHEET 4 OF 14).
- ALL CURB AND GUTTER TO BE HOWARD COUNTY STANDARD CONCRETE (SEE DETAIL ON SHEET 4 OF 14).
- SECTIONS TO BE CONFIRMED BY PROJECT GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION.
- A WATER METER SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION ON THE INCOMING WATER LINE TO THE BUILDING.
- CONTRACTOR RESPONSIBLE TO CONSTRUCT ALL HANDICAP PARKING AND HANDICAP ACCESS ROUTES IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS.
- WHERE DRAINAGE FLOWS AWAY FROM CURB, CONTRACTOR TO REVERSE THE GUTTER PAN (SEE DETAIL THIS SHEET).
- EXISTING TOPOGRAPHY IS BASED ON AERIAL TOPOGRAPHIC SURVEY PERFORMED BY POTOMAC AERIAL SURVEYS DATED DECEMBER 1997.
- THIS PROJECT IS SERVED BY PUBLIC WATER AND PUBLIC SEWER (CONTRACT #24-3172D)
- THE CONTRACTOR WILL REMOVE EX. CURB & GUTTER AS NOTED ON THE SITE PLAN. THE CONTRACTOR WILL LEAVE A CLEAN EDGE AT EXISTING PAVING FOR TIE-IN OF PROPOSED PAVING.
- THE CONTRACTOR WILL CONSTRUCT ALL CONC. CURB & GUTTER NOTED ON THE SITE PLAN TO BE FULLY DEPRESSED SO THAT THERE IS NOT A LIP.
- SITE LIGHTING TO BE IN ACCORDANCE WITH SECTION 134 OF THE HOWARD COUNTY ZONING REGULATIONS.



BALTIMORE WASHINGTON BOULEVARD
U.S. ROUTE 1

PLAN
SCALE: 1"= 100'

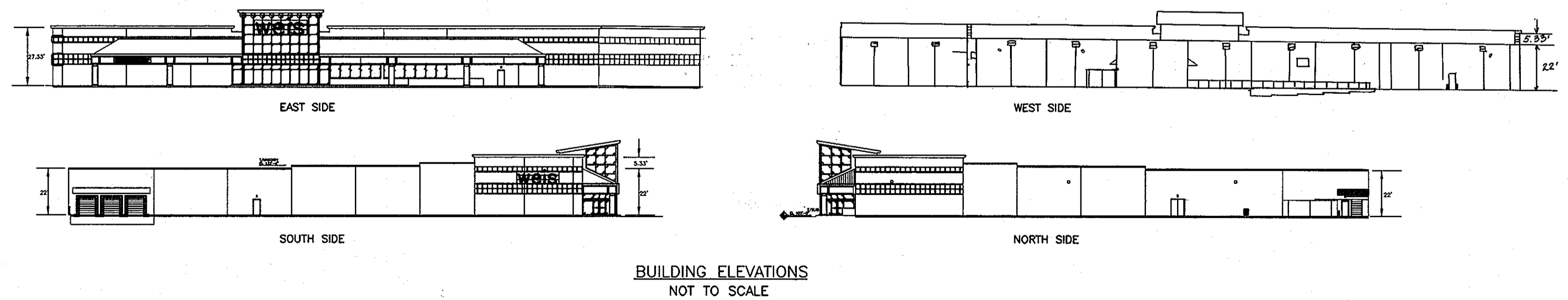
SHEET INDEX

SHEET #1	COVER SHEET
SHEET #2	SITE PLAN 1
SHEET #3	SITE PLAN 2
SHEET #4	DETAILS & SECTIONS
SHEET #5	SEWER PROFILES
SHEET #6	DRAINAGE AREA MAP
SHEET #7	STORM DRAIN PROFILES 1
SHEET #8	STORM DRAIN PROFILES 2
SHEET #9	STORM DRAIN PROFILES 3
SHEET #10	SEDIMENT CONTROL PLAN 1
SHEET #11	SEDIMENT CONTROL PLAN 2
SHEET #12	SEDIMENT CONTROL DETAILS
SHEET #13	LANDSCAPE PLAN
SHEET #14	LANDSCAPE DETAILS

PARKING TABULATION

REQUIRED
RETAIL - 61,800 SQ. FT.
5 SPACES PER 1,000 SQ. FT. = 310 SPACES

PROVIDED
RETAIL - 555 SPACES (INCLUDING 8 HANDICAP)



VOGEL & ASSOCIATES
ENGINEERS SURVEYORS PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3965

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James R. Smith 7/21/98
DIRECTOR DATE

Andy Hanetta 7/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

John P. ... 7/20/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

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

James M. ... 7/17/98
COUNTY HEALTH OFFICER DATE

ADDRESS CHART
PARCEL NO. STREET ADDRESS
A-4 9200 WASHINGTON BLVD.

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER			
FREESTATE	N/A	PARCEL A-4			
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
13266-13267	18	B-2	47	6TH	608302
WATER CODE	SEWER CODE				
C05	7220000 & 5090000				

NO.	REVISION	DATE
3	REVISE SQUARE FOOTAGE OF BUILDING ADDITION; ADD GENERAL NOTE 20 REGARDING WP-09-103	7/19/98
2	REMOVE 'FUTURE' FOR PROPOSED ADDITION	8-10-07
1	REVISE WHC SIZE INTO WEIS MARKET	9-8-98

COVER SHEET FOR
WEIS MARKETS, INC.
FREESTATE
FILE NO.: F-92-74

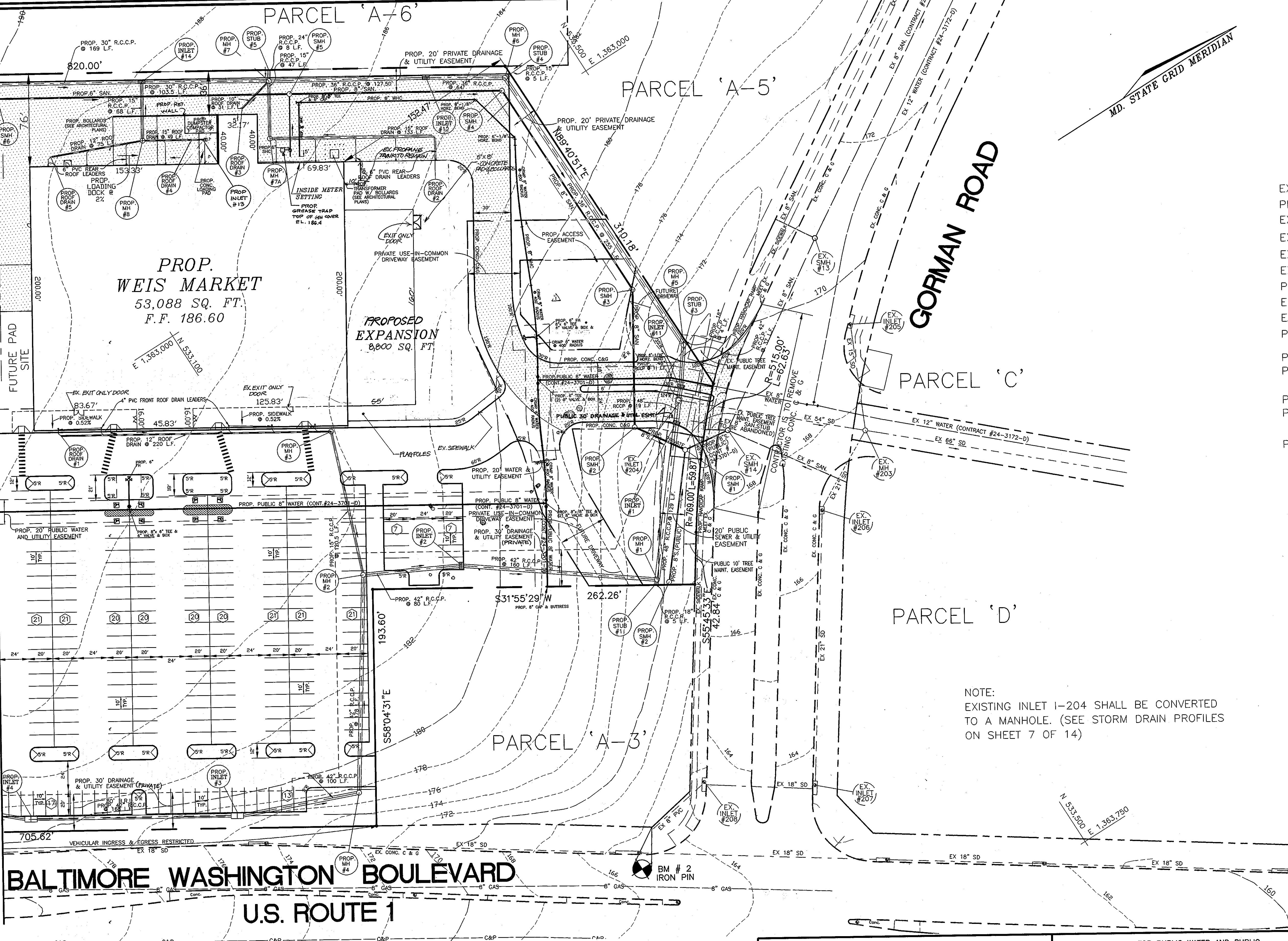
TAX MAP #47
6TH ELECTION DISTRICT

PARCEL A-4
HOWARD COUNTY, MARYLAND

DESIGN BY: R.M.F.
DRAWN BY: J.E.R.
CHECKED BY: R.H.V.
DATE: MARCH, 1998
SCALE: AS SHOWN
W.O. NO.: 98-23

1 SHEET OF 14

MATCHLINE A-A (SEE SHEET 3 OF 14)



LEGEND

- EXISTING GROUND 472
- PROPOSED GRADE 472
- EXISTING WATER
- EXISTING SEWER
- EXISTING STORM DRAIN
- EXISTING CURB & CUTTER
- PROPERTY LINE
- EXISTING R/W
- EASEMENT
- PROPOSED C&G
- PROP. HEAVY DUTY PAVING
- PROP. LIGHT DUTY PAVING
- PROP. CONC. SIDEWALK

NOTE:
EXISTING INLET 1-204 SHALL BE CONVERTED TO A MANHOLE. (SEE STORM DRAIN PROFILES ON SHEET 7 OF 14)

NO.	REVISION	DATE
1	REVISE SQUARE FOOTAGE OF BUILDING ADDITION	7/10/99
2	REMOVE 'FUTURE' FROM PROPOSED ADDITION	8-10-07
3	REVISE W/C SIZE INTO WEIS MARKET	9-8-98

SITE PLAN FOR
WEIS MARKETS, INC.
FREESTATE
FILE NO.: F-92-74
TAX MAP #47
6TH ELECTION DISTRICT
PARCEL A-4
HOWARD COUNTY, MARYLAND

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

PLAN
SCALE: 1" = 40'

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James M. ... 7/21/98
DIRECTOR DATE

Candy Hamilton 7/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

William ... 7/20/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Joyce M. ... 7/17/98
COUNTY HEALTH OFFICER DATE

ADDRESS CHART
PARCEL NO. STREET ADDRESS
A-4 9200 WASHINGTON BLVD.

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
FREESTATE	N/A	PARCEL A-4

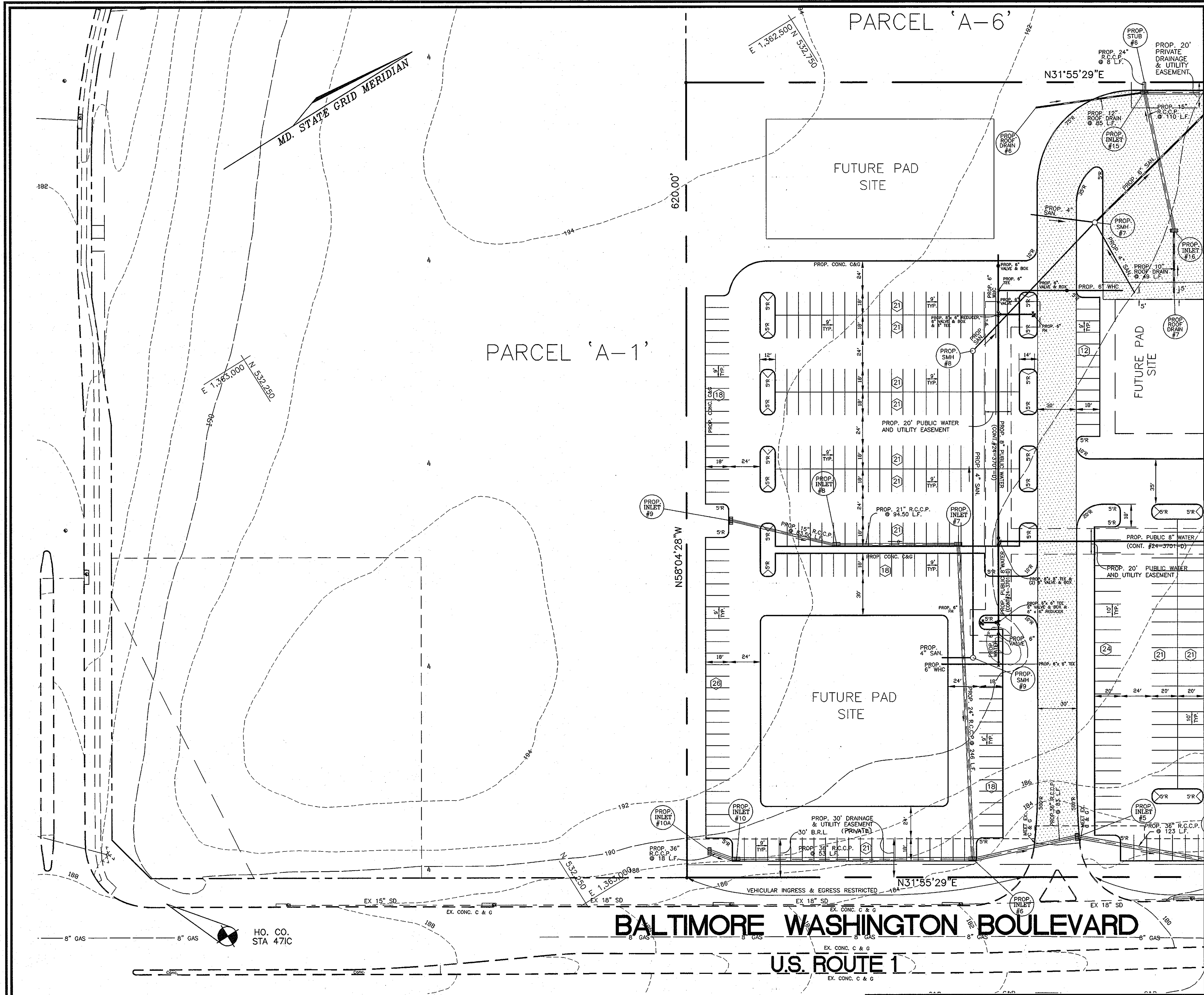
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
13264	18	B-2	47	6TH	6069.02

WATER CODE C05 SEWER CODE 7220000 & 5090000



DESIGN BY: R.M.F.
DRAWN BY: J.E.R.
CHECKED BY: R.H.V.
DATE: MARCH, 1998
SCALE: AS SHOWN
W.O. NO.: 98-23

2 OF 14



MATCHLINE A-A (SEE SHEET 2 OF 14)

LEGEND

- EXISTING GROUND 472
- PROPOSED GRADE 472
- EXISTING WATER ---
- EXISTING SEWER ---
- EXISTING STORM DRAIN ---
- EXISTING CURB & GUTTER ---
- PROPERTY LINE ○
- EXISTING R/W EASEMENT ---
- PROPOSED C&G ---
- PROP. HEAVY DUTY PAVING [Pattern]
- PROP. LIGHT DUTY PAVING [Pattern]
- PROP. CONC. SIDEWALK [Pattern]

PLAN
SCALE: 1" = 40'

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 7/21/98
DIRECTOR DATE

[Signature] 7/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[Signature] 7/21/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

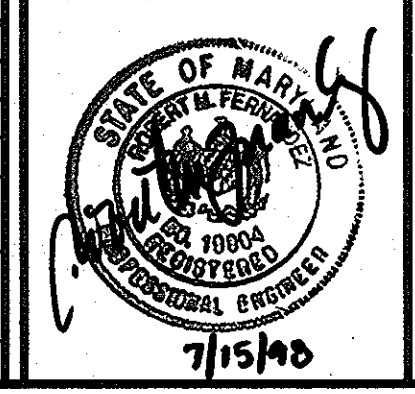
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

[Signature] 7/17/98
COUNTY HEALTH OFFICER DATE

ADDRESS CHART				
PARCEL NO.	STREET ADDRESS			
A-4	9200 WASHINGTON BLVD.			
SUBDIVISION NAME		SECTION/AREA	PARCEL NUMBER	
FREESTATE		N/A	PARCEL A-4	
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.
13266	18	B-2	47	6TH
13267				6092.02
WATER CODE		SEWER CODE		
C05		7220000 & 5090000		

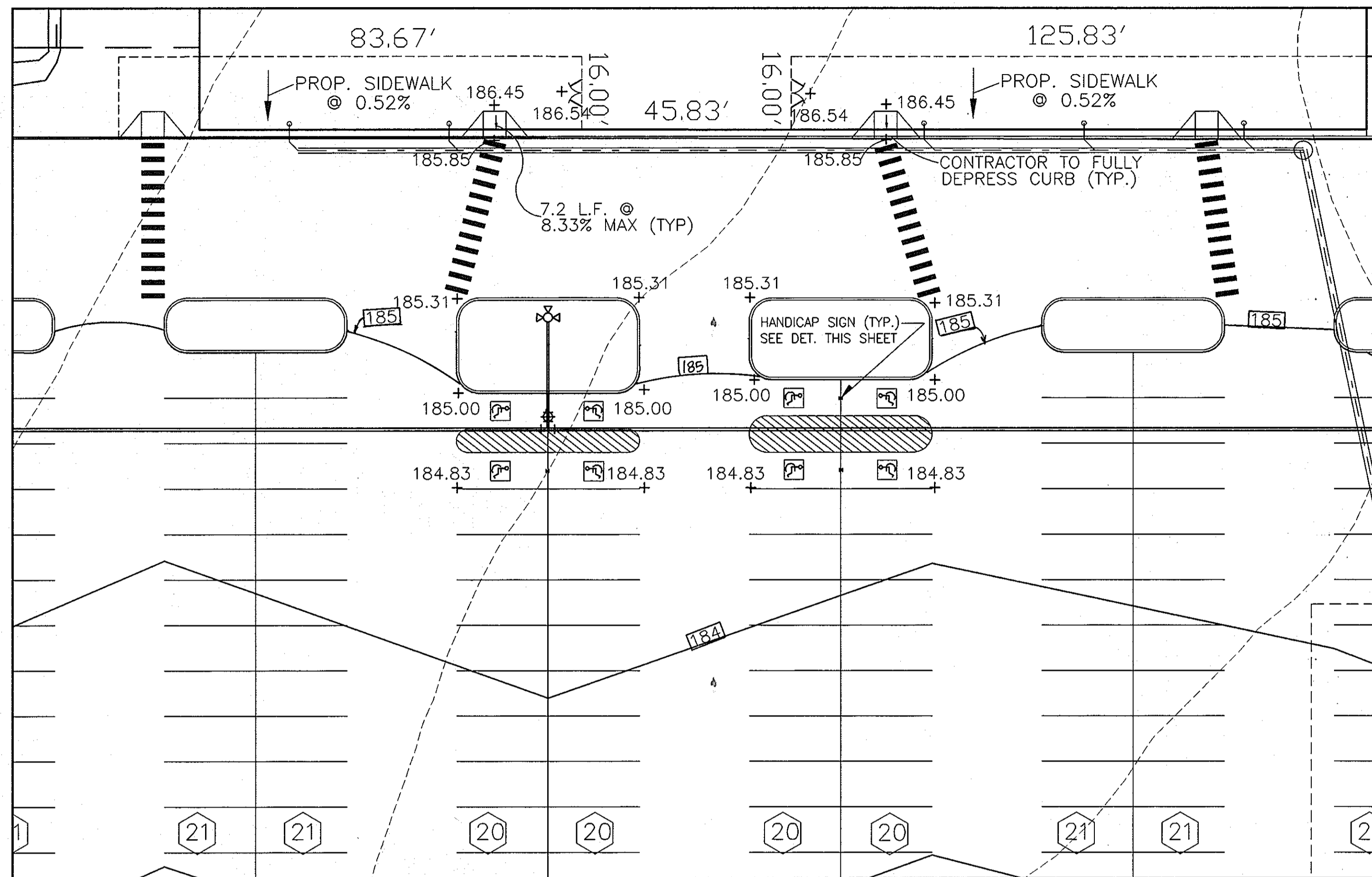
NO.	REVISION	DATE

SITE PLAN FOR
WEIS MARKETS, INC.
FREESTATE
FILE NO.: F-92-74
TAX MAP #47
6TH ELECTION DISTRICT
PARCEL A-4
HOWARD COUNTY, MARYLAND

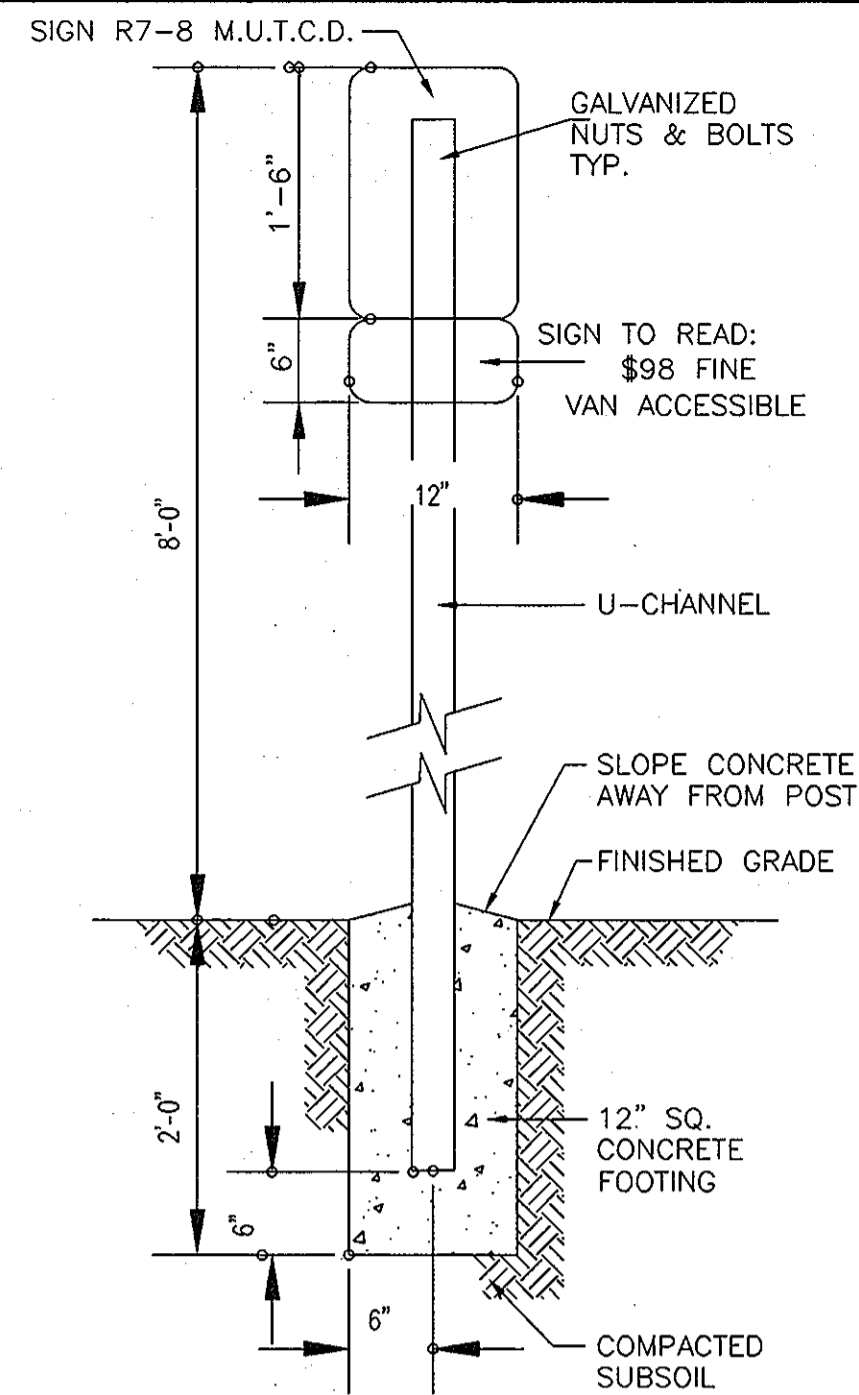


DESIGN BY: R.M.F.
DRAWN BY: J.E.R.
CHECKED BY: R.H.V.
DATE: MARCH, 1998
SCALE: AS SHOWN
W.O. NO.: 98-23

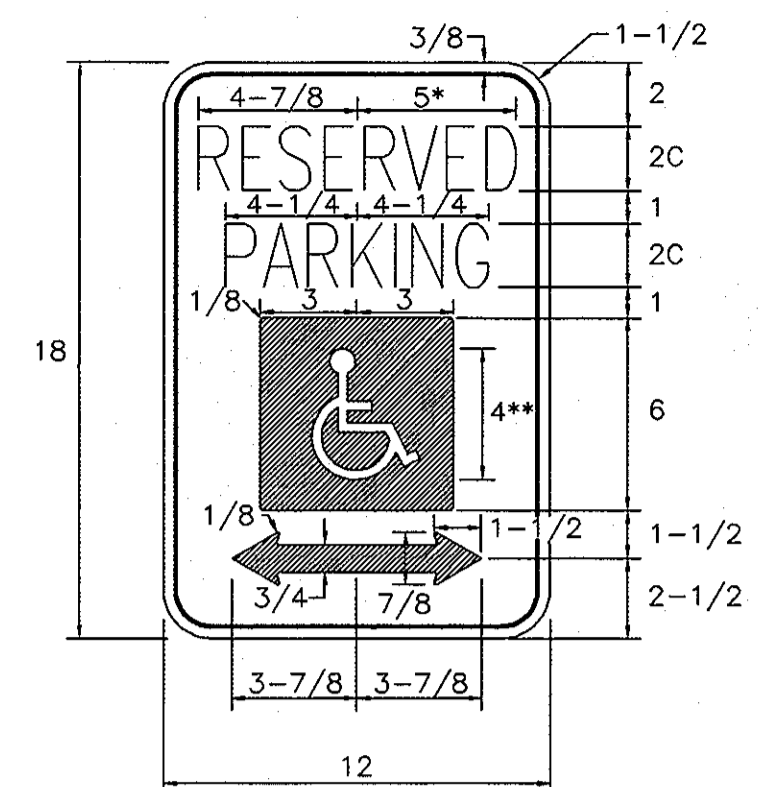
C:\VAD\JOBS\FREESTATE\WEIS\1 SITE2.DWG-J.E.R.07/13/98



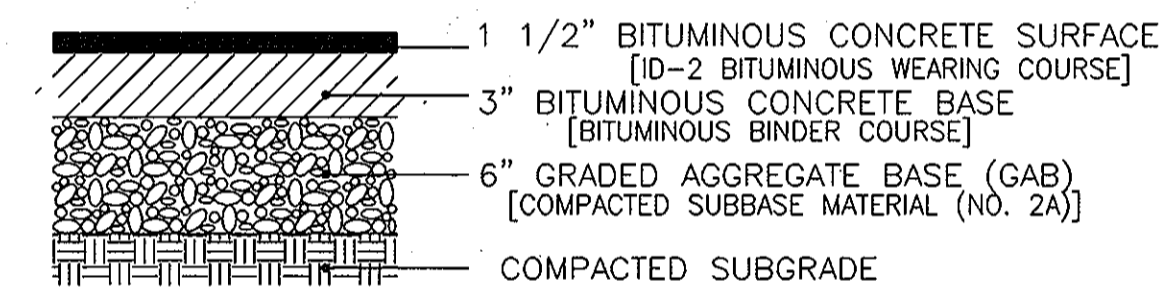
HANDICAP DETAIL
SCALE: 1"=20'



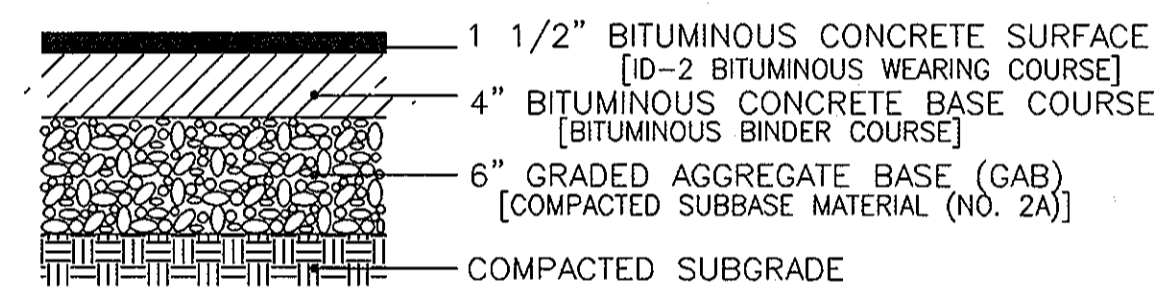
HANDICAP SIGN
NOT TO SCALE



* REDUCE SPACING 50%
** SEE SYMBOL 1860 FOR SYMBOL DESIGN (ALL DIMENSIONS FOR SIGN IN INCHES)
COLORS:
LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE
REFERENCE: STATE OF MARYLAND STANDARD HIGHWAY SIGNS BOOKLET MARYLAND DEPARTMENT OF TRANSPORTATION.

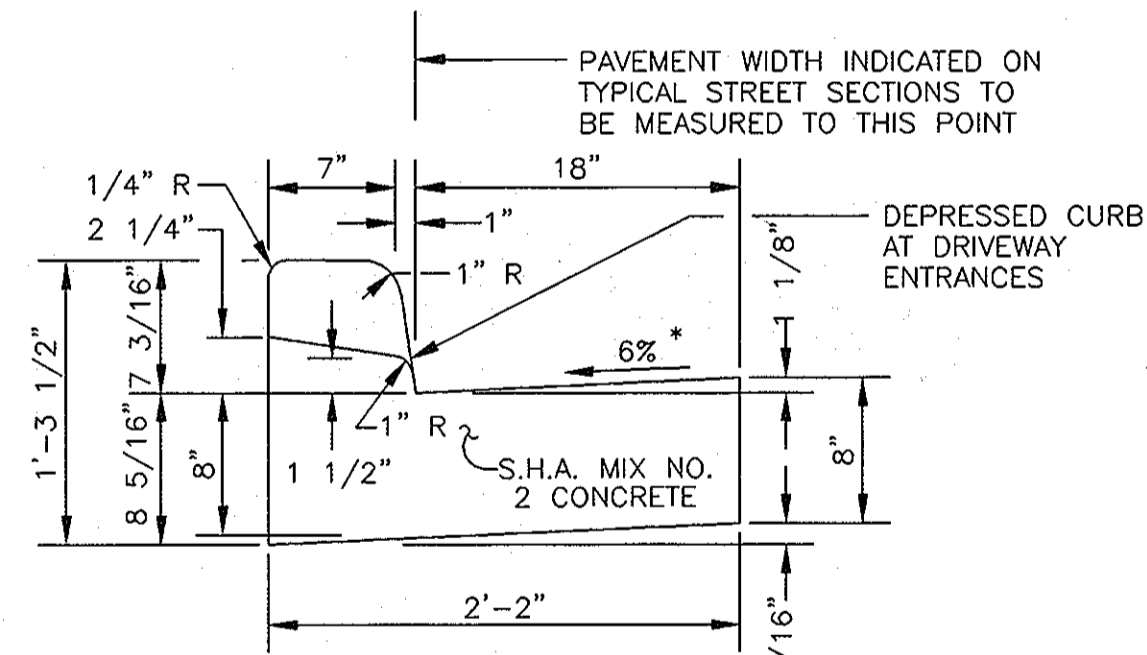


LIGHT DUTY

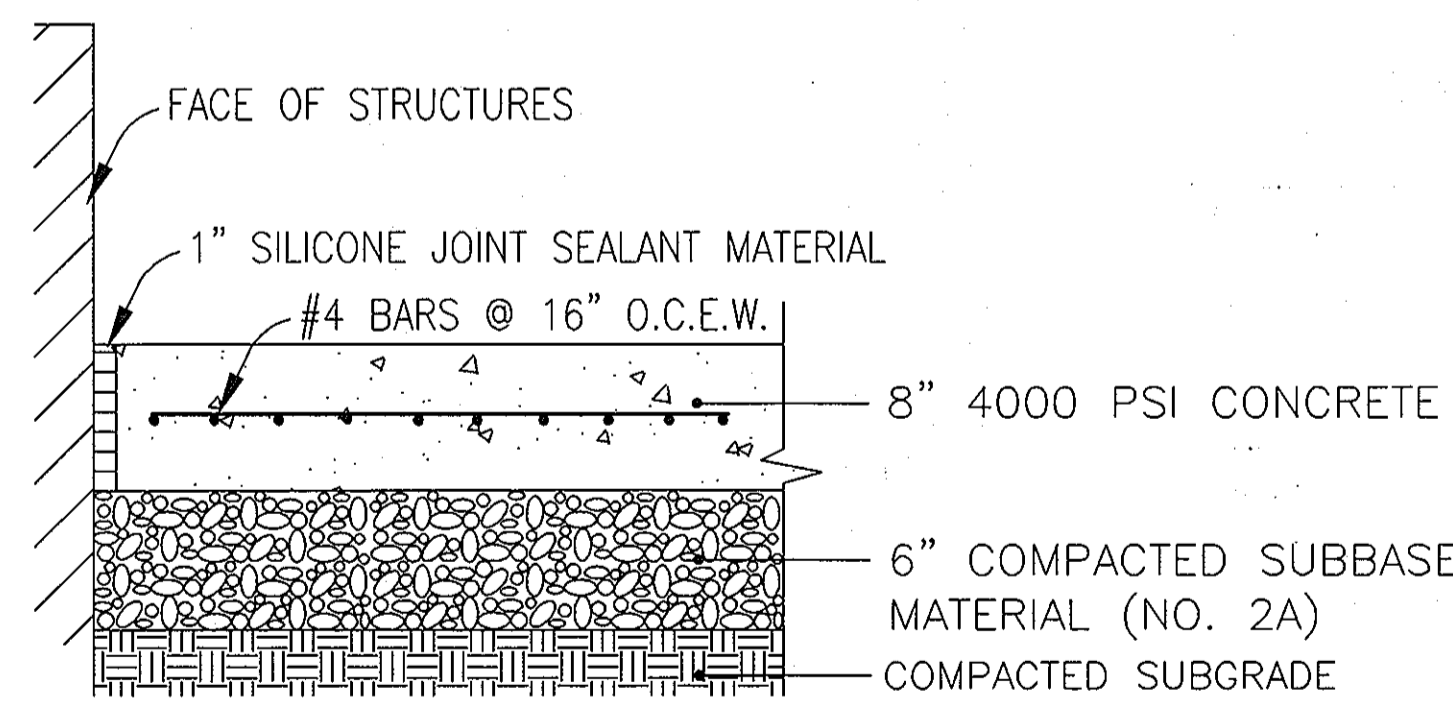


HEAVY DUTY

TYPICAL PAVEMENT SECTION
NOT TO SCALE



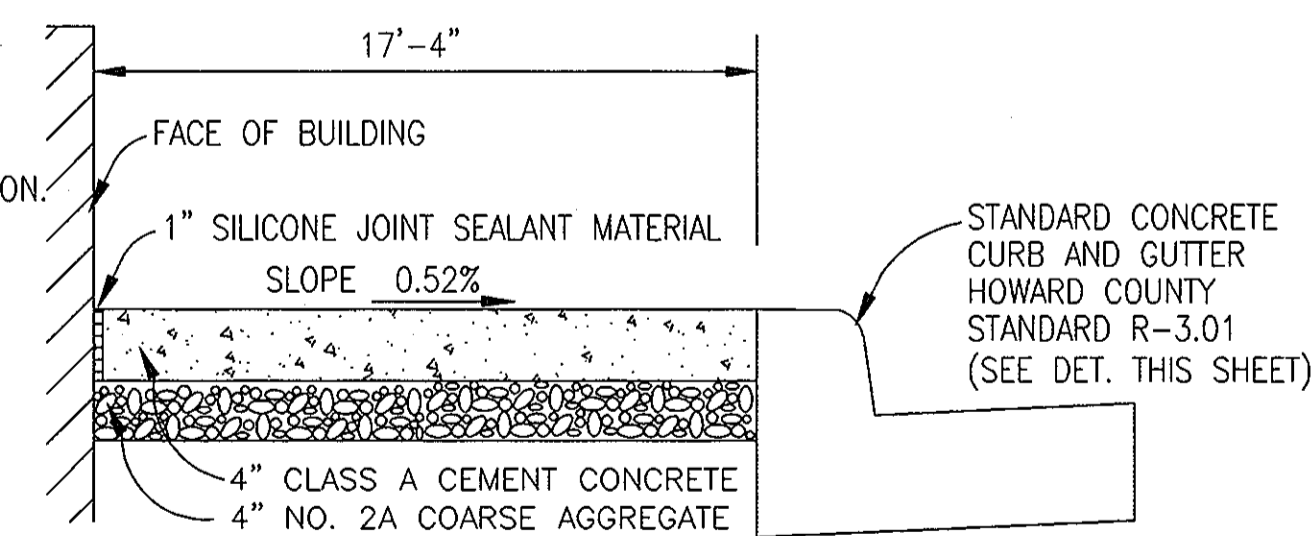
STANDARD COMBINATION CURB & GUTTER
HOWARD COUNTY STANDARD R-3.01
NOT TO SCALE



LOADING DOCK CONCRETE DETAIL
NOT TO SCALE

NOTE:

1. SIDEWALK TO HAVE MEDIUM BROOM FINISH PERPENDICULAR TO DIRECTION OF PEDESTRIAN TRAFFIC.
2. CONSTRUCT IN ACCORDANCE WITH PROJECT SPECIFICATION.
3. SEE SITE PLAN FOR SIDEWALK LOCATION.
4. PROVIDE ACCESSIBLE/CART RAMPS IN ACCORDANCE WITH STANDARD RAMP DETAIL.
5. PLACE 6X6-W2.0 WWF IN CENTER OF SLAB.
6. PLACE EXPANSION JOINT @ 20' MAX.
7. PLACE CONTROL JOINTS AT 4' TO 10' MAX.
8. ALL OTHER SITE SIDEWALKS SHALL BE CONSTRUCTED USING THE MATERIALS AND DEPTHS INDICATED ABOVE.



TYPICAL SIDEWALK DETAIL
NOT TO SCALE

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Director: *[Signature]* 7/21/98
 Chief, Division of Land Development: *[Signature]* 7/21/98
 Chief, Development Engineering Division: *[Signature]* 7/20/98

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 County Health Officer: *[Signature]* 7/17/98

ADDRESS CHART	PARCEL NO.	STREET ADDRESS
A-4	9200 WASHINGTON BLVD.	
SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
FREESTATE	N/A	A-4
PLAT NO.	BLOCK NO.	ZONE
13266	18	B-2
13267		
TAX/ZONE	ELECT. DIST.	CENSUS TR.
47	6TH	606202
WATER CODE	SEWER CODE	
C05	7220000 & 5090000	

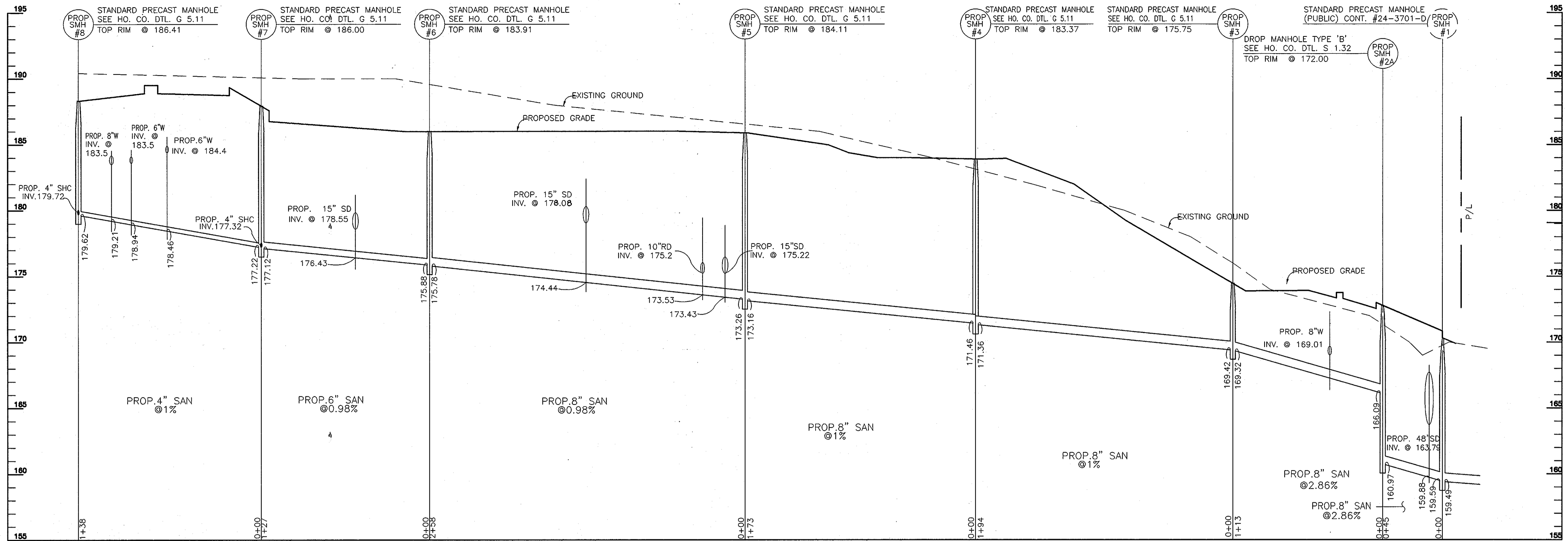
DETAILS AND SECTIONS FOR
WEIS MARKETS, INC.
FREESTATE
FILE NO.: F-92-74

TAX MAP #47
6TH ELECTION DISTRICT

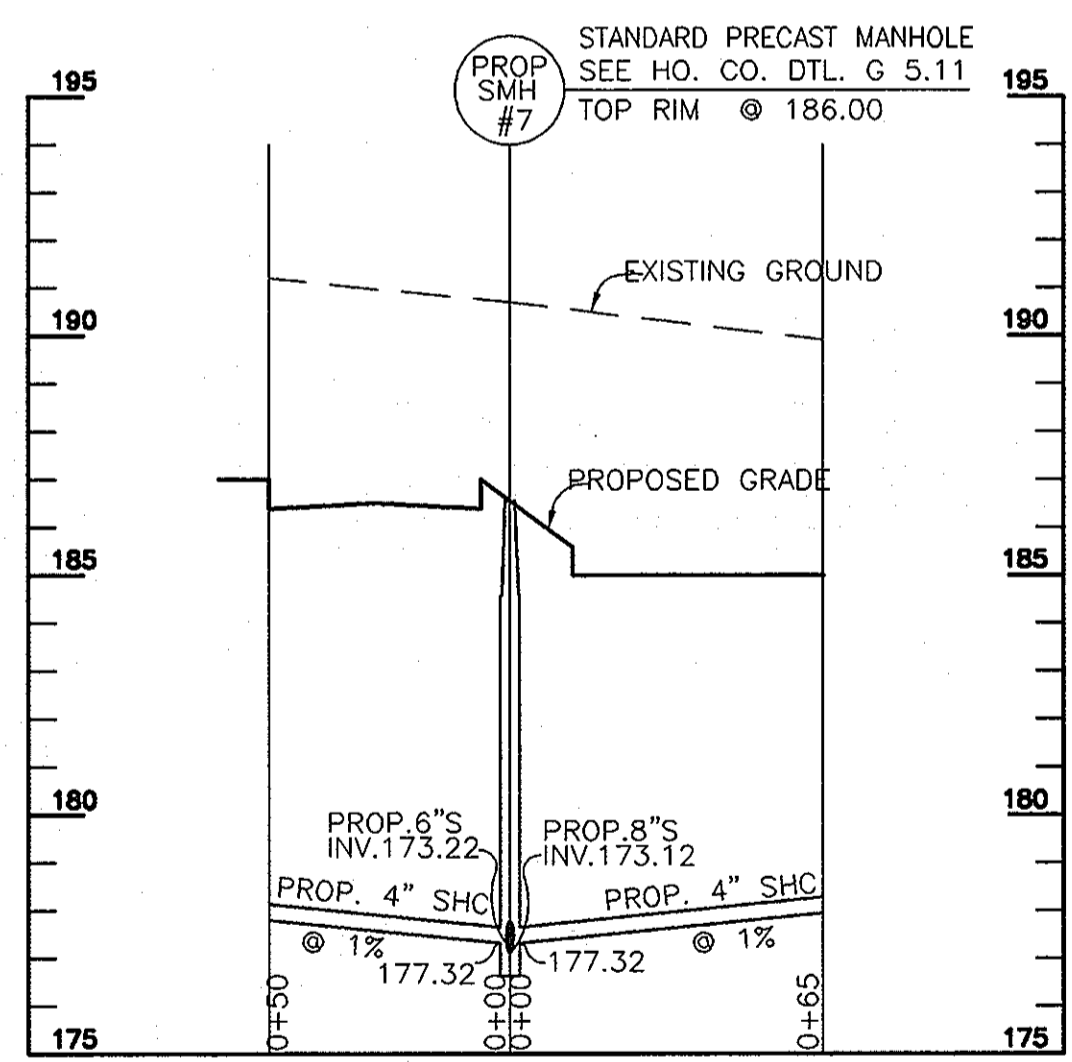
PARCEL A-4
HOWARD COUNTY, MARYLAND

DESIGN BY: R.M.F.
DRAWN BY: J.E.R.
CHECKED BY: R.H.V.
DATE: MARCH, 1998
SCALE: AS SHOWN
W.O. NO.: 98-23

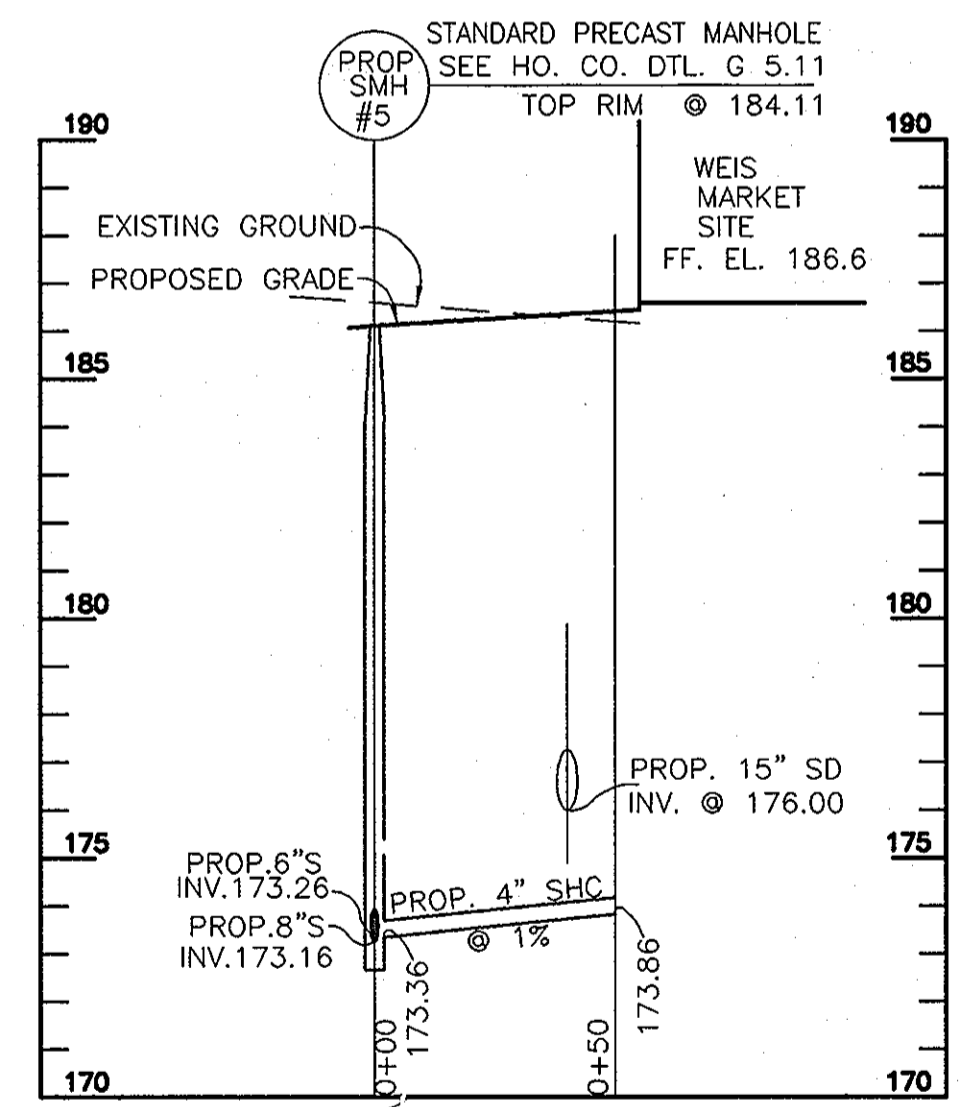
4 SHEET OF 14



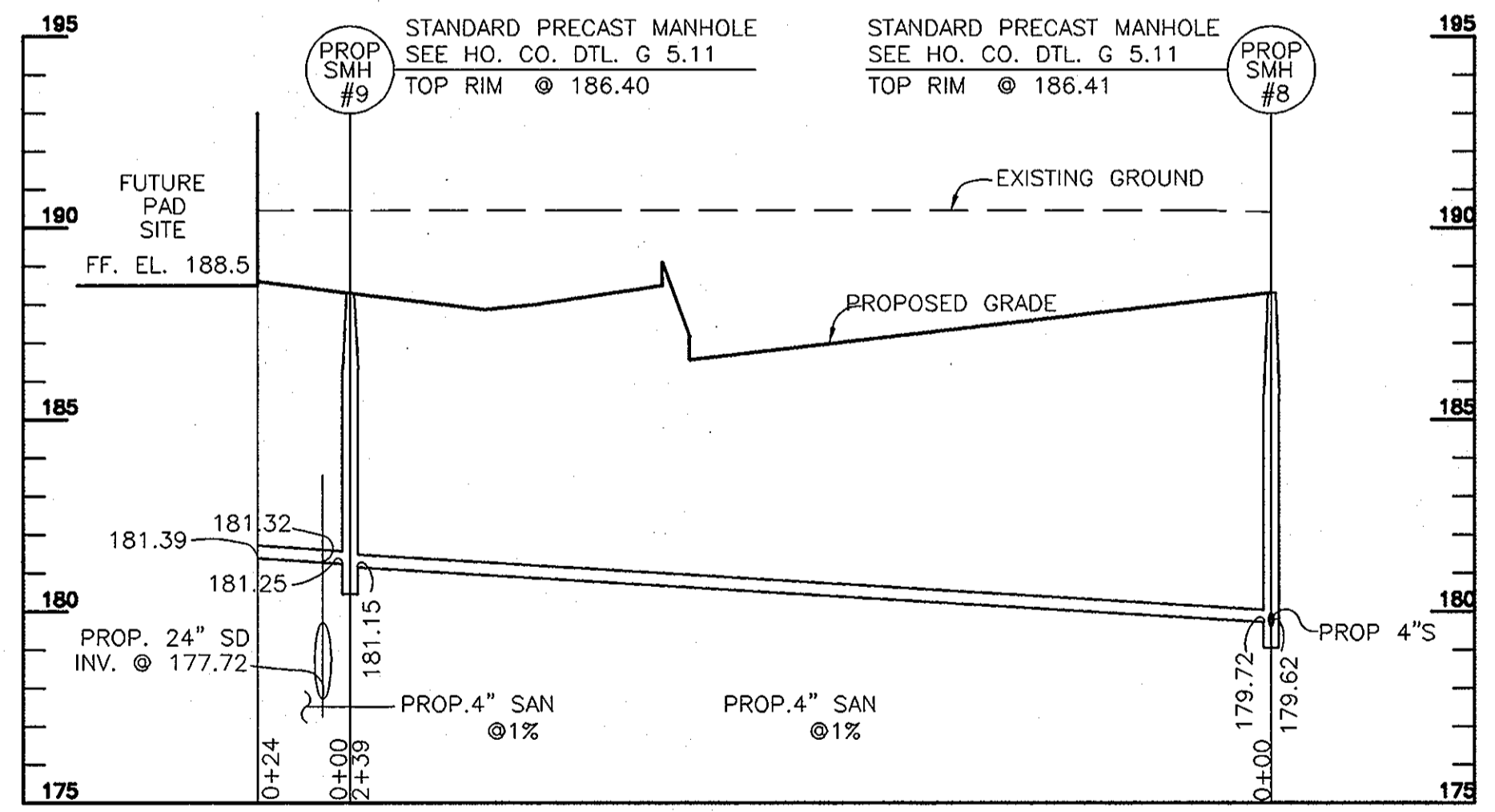
SEWER PROFILE
 SCALE: HORI.: 1"=40'
 VERT.: 1"=4'



SEWER PROFILE
 SCALE: HORI.: 1"=40'
 VERT.: 1"=4'



SEWER PROFILE
 SCALE: HORI.: 1"=40'
 VERT.: 1"=4'



SEWER PROFILE
 SCALE: HORI.: 1"=40'
 VERT.: 1"=4'

NO.	REVISION	DATE

SEWER PROFILES FOR
WEIS MARKETS, INC.
 FREESTATE
 FILE NO.: F-92-94

TAX MAP #47
 6TH ELECTION DISTRICT

PARCEL A-4
 HOWARD COUNTY, MARYLAND

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Howard Kuster 7/21/98
 DIRECTOR DATE

Cindy Hamilton 7/21/98
 CHIEF, OF LAND DEVELOPMENT DATE

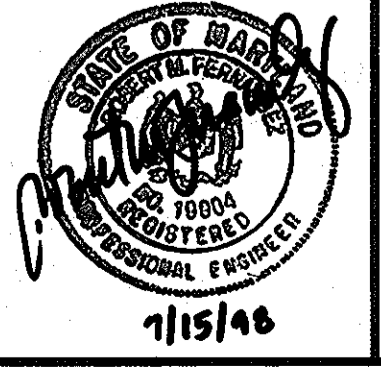
John Vanman 7/20/98
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS

James M. Boyd 7/17/98
 COUNTY HEALTH OFFICER DATE

ADDRESS CHART
 PARCEL NO. | STREET ADDRESS
 A-4 | 9200 WASHINGTON BLVD.

SUBDIVISION NAME FREESTATE	SECTION/AREA N/A	PARCEL NUMBER A-4
PLAT NO. 13266	BLOCK NO. 18	ZONE B-2
TAX/ZONE 47	ELECT. DIST. 6TH	CENSUS TR. 60802
WATER CODE C05	SEWER CODE 7220000 & 5090000	

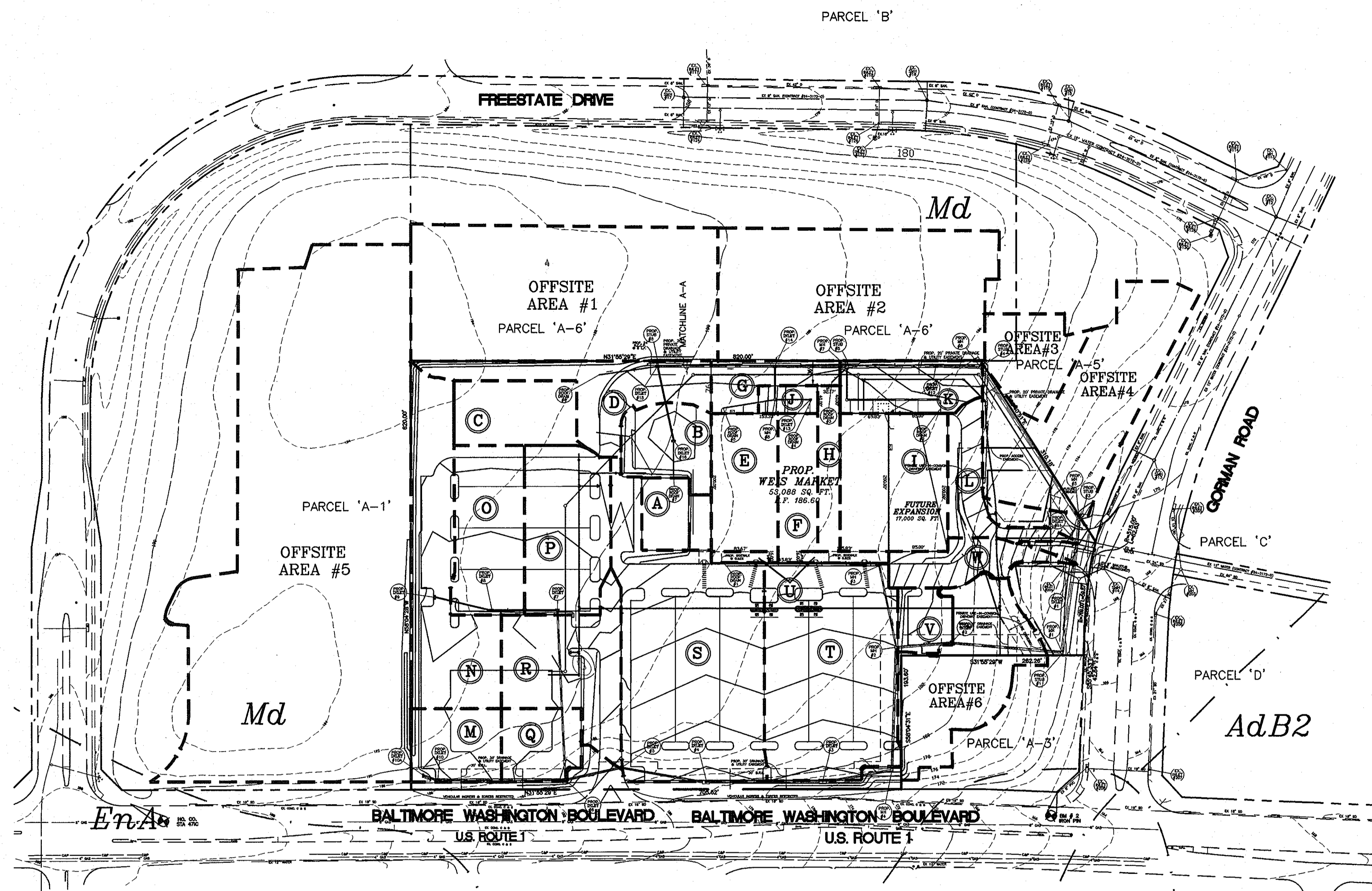


DESIGN BY: R.M.F.
 DRAWN BY: J.E.R.
 CHECKED BY: R.H.V.
 DATE: MARCH, 1998
 SCALE: AS SHOWN
 W.O. NO.: 98-23

VOGEL & ASSOCIATES
 ENGINEERS SURVEYORS PLANNERS
 3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
 Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
 1000 SOUTH SECOND STREET
 SUNBURY, PA 17801-0471
 (717)286-3640

C:\CAD\JOBS\FREESTATE\SEWER.DWG - J.E.R. - 07/13/98



BALTIMORE WASHINGTON BOULEVARD
U.S. ROUTE 1
CnB2 / Md

DRAINAGE AREA MAP
SCALE: 1"=100'

SOIL CHART		
SYMBOL	NAME / DESCRIPTION	TYPE
Md	MADE LAND	B
CnB2	CHILLUM-FAIRFAX LOAMS, 1 TO 5 PERCENT SLOPES, MODERATELY ERODED	C
EnA	EL SINBORO LOAM, 0 TO 3 PERCENT SLOPES	B

NOTE:
-THIS SITE DOES NOT INCLUDE SOILS DESIGNATED AS HYDRIC OR SOILS WITH HYDRIC INCLUSIONS. SOILS ARE NOT CLASSIFIED AS HIGHLY ERODIBLE.
-HOWARD SOIL SURVEY, MAP NUMBER 34

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

AREA	INLET	ACREAGE	'C'	AREA	INLET	ACREAGE	'C'	AREA	INLET	ACREAGE	'C'
A	RD-7	0.22	0.86	K	I-12	0.35	0.80	U	RD-1	0.08	0.86
B	I-16	0.32	0.77	L	I-11	0.28	0.72	V	I-2	0.16	0.73
C	RD-6	0.38	0.86	M	I-10	0.32	0.75	W	I-1	0.26	0.80
D	I-15	0.54	0.72	N	I-9	0.90	0.72	OFFSITE AREA#1	STUB #6	1.98	0.80
E	RD-5	0.45	0.86	O	I-8	0.57	0.86	OFFSITE AREA#2	STUB #5	1.71	0.80
F	RD-4	0.28	0.86	P	I-7	0.67	0.81	OFFSITE AREA#3	STUB #4	0.37	0.80
G	I-14	0.21	0.76	Q	I-6	0.27	0.86	OFFSITE AREA#4	STUB #3	1.15	0.80
H	RD-3	0.18	0.86	R	I-5	0.66	0.74	OFFSITE AREA#5	I-10A	4.92	0.80
I	RD-2	0.71	0.86	S	I-4	1.69	0.80	OFFSITE AREA#6	STUB #1	0.79	0.80
J	I-13	0.08	0.86	T	I-3	1.35	0.83				

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
[Signature] 7/21/98
 DIRECTOR DATE
[Signature] 7/21/98
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
[Signature] 7/21/98
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 7/17/98
 COUNTY HEALTH OFFICER DATE
 ADDRESS CHART
 PARCEL NO. | STREET ADDRESS
 A-4 | 9200 WASHINGTON BLVD.
 SUBDIVISION NAME | SECTION/AREA | PARCEL NUMBER
 FREESTATE | N/A | PARCEL A-4
 PLAT NO. | BLOCK NO. | ZONE | TAX/ZONE | ELECT. DIST. | CENSUS TR.
 18266-1 | 18 | B-2 | 47 | 6TH | 606302
 WATER CODE C05 | SEWER CODE 7220000 & 5090000

NO.	REVISION	DATE

STORM DRAIN-DRAINAGE AREA MAP FOR
WEIS MARKETS, INC.
 FREESTATE
 FILE NO.: F-92-74
 TAX MAP #47
 6TH ELECTION DISTRICT
 PARCEL A-4
 HOWARD COUNTY, MARYLAND

DESIGN BY: R.M.F.
 DRAWN BY: J.E.R.
 CHECKED BY: R.H.V.
 DATE: MARCH, 1998
 SCALE: AS SHOWN
 W.O. NO.: 98-23

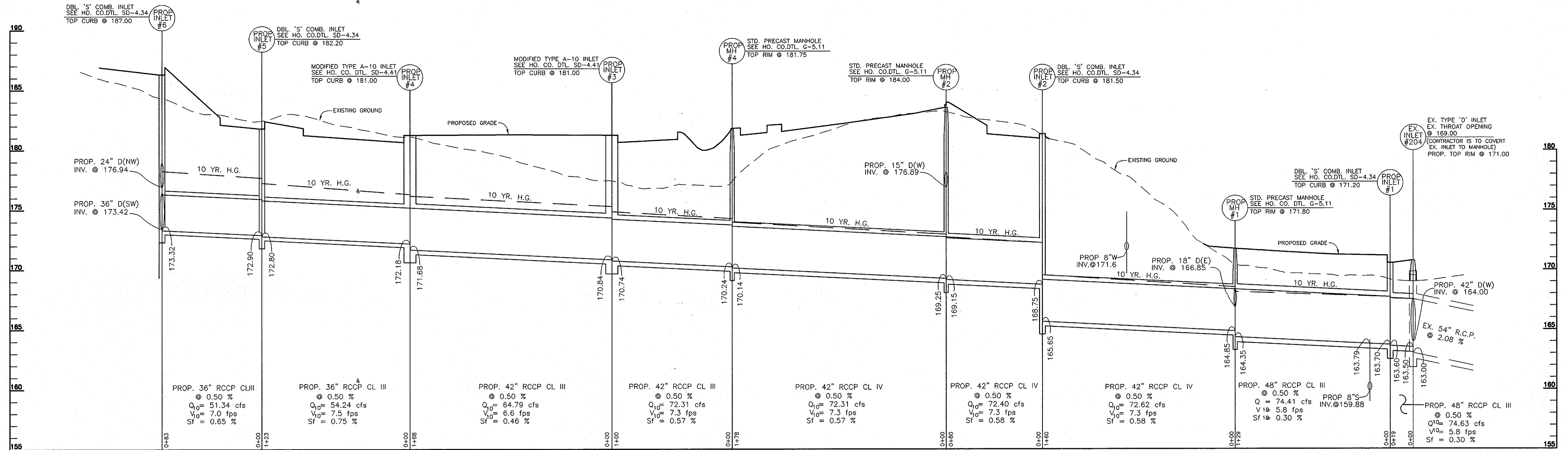
7/15/98

6 SHEET OF 14

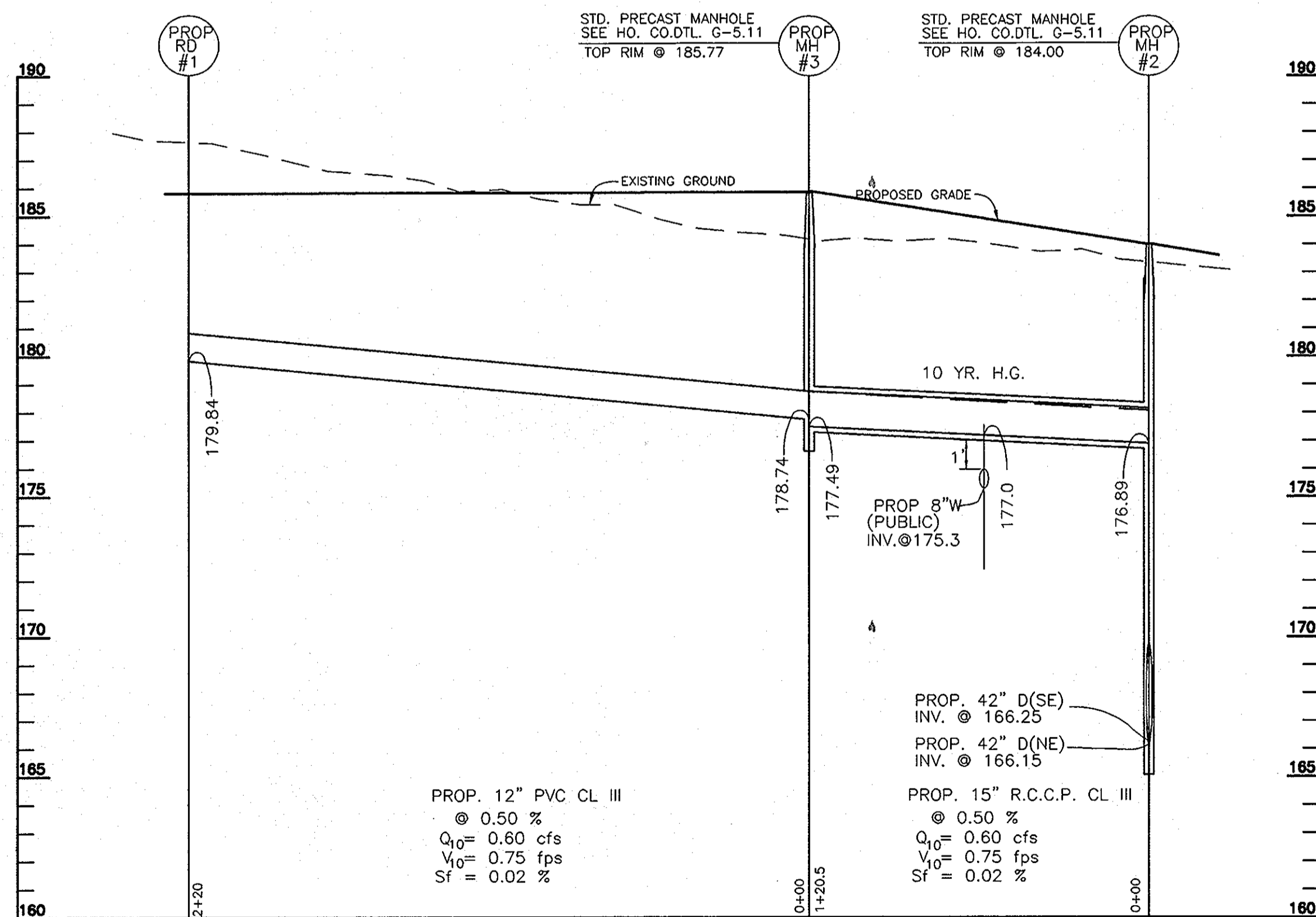
INLET SCHEDULE						
NO.	TYPE	TOP ELEV.	INV. IN	INV. OUT	Q _{2yr} cfs	HO. CO. DET.
I-1	DBL.'S' COMB.	171.20	163.70	163.60	1.32	SD-4.34
I-2	DBL.'S' COMB.	181.50	168.75	165.65	0.71	SD-4.34
I-3	MODIFIED TYPE A-10	181.00	170.84	170.74	6.61	SD-4.41
I-4	MODIFIED TYPE A-10	181.00	172.18	171.68	7.97	SD-4.41
I-5	DBL.'S' COMB.	182.20	172.90	172.80	2.87	SD-4.34
I-6	DBL.'S' COMB.	187.00	24"-176.94 36"-173.42	173.32	1.36	SD-4.34
I-7	DBL.'S' COMB.	186.50	178.42	178.17	3.19	SD-4.34
I-8	DBL.'S' COMB.	186.50	179.39	178.89	2.89	SD-4.34
I-9	DBL.'S' COMB.	186.50	-	179.81	3.84	SD-4.34
I-10	DBL.'S' COMB.	187.00	174.44	174.34	1.48	SD-4.34
** I-10A	MODIFIED TYPE A-10	187.00	-	174.53	21.6	SD-4.39
** I-11	DBL.'S' COMB.	171.50	164.16	164.06	1.12	SD-4.34
I-12	DBL.'S' COMB.	183.80	166.69	166.59	1.65	SD-4.34
* I-13	TYPE 'S'	182.13	-	179.30	0.41	SD-4.22
I-14	DBL.'S' COMB.	185.50	15"-177.86 30"-169.58	168.48	0.94	SD-4.34
I-15	DBL.'S' COMB.	185.50	24"-178.05 36"-173.42	169.43	2.30	SD-4.34
* I-16	DBL.'S'	185.30	179.57	179.15	1.48	SD-4.23

* TOP GRATE ELEVATIONS
 ** THROAT OPENING ELEVATIONS
 ALL OTHER TOP ELEVATIONS ARE AT THE TOP OF CURB.

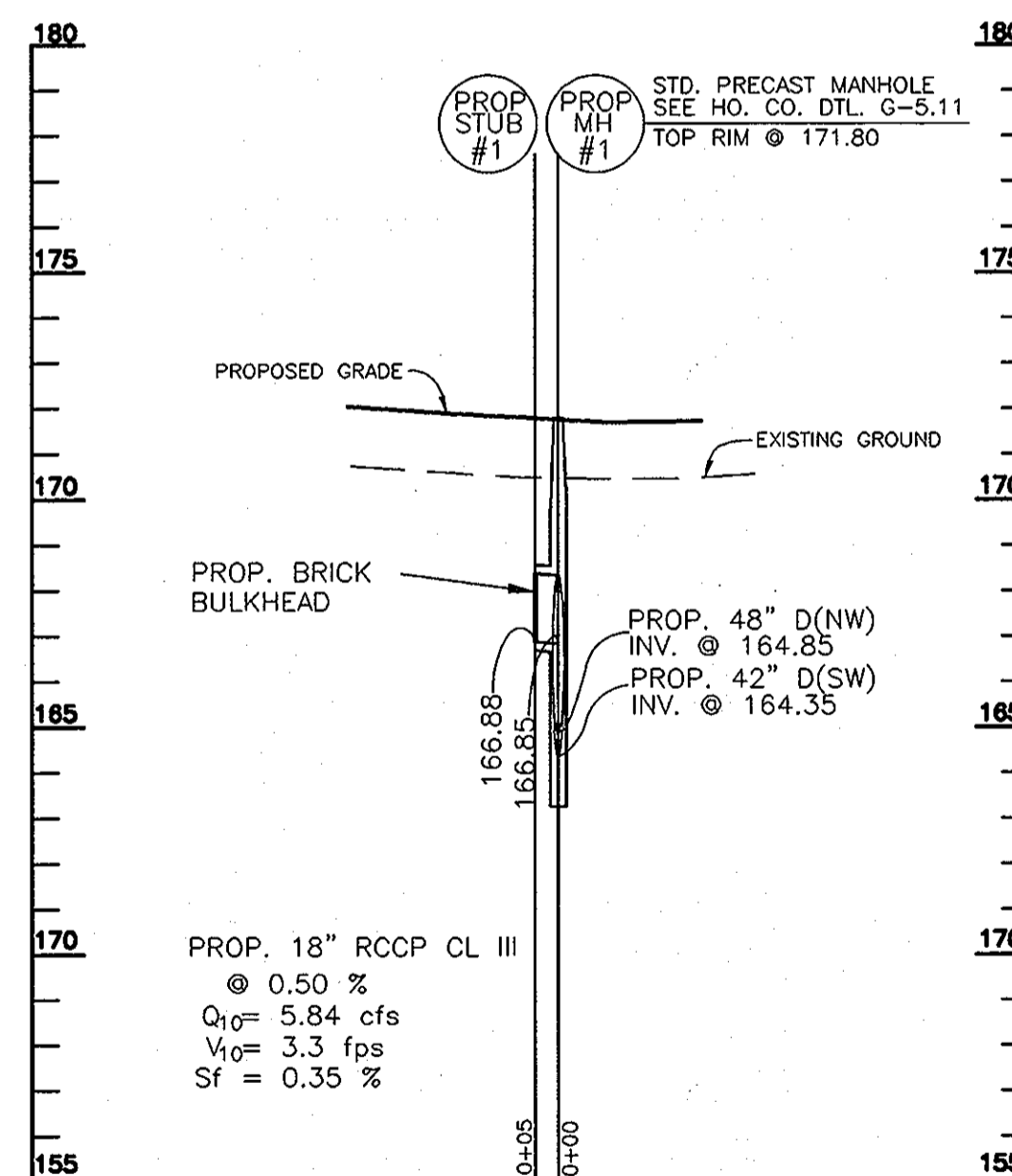
STRUCTURE SCHEDULE					
NO.	TYPE	TOP ELEV.	INV. IN	INV. OUT	HO. CO. DET.
MH-1	SHALLOW PRECAST MH	171.80	18"-166.85 42"-164.85	164.35	G-5.12
MH-2	STD. PRECAST MH	184.00	15"-176.89 42"-166.25	166.15	G-5.11
MH-3	STD. PRECAST MH	185.77	178.74	177.49	G-5.11
MH-4	STD. PRECAST MH	181.75	170.24	170.14	G-5.11
MH-5	STD. PRECAST MH	171.00	18"-166.35 36"-164.85	164.35	G-5.11
MH-6	STD. PRECAST MH	183.50	15"-167.63 36"-166.27	166.13	G-5.11
MH-7	STD. PRECAST MH	185.80	15"-175.16 30"-167.83	167.33	G-5.11
MH-7A	STD. PRECAST MH	186.40	175.50	175.40	G-5.11
MH-8	SHALLOW PRECAST MH	184.00	12"-178.90 15"-178.90	178.65	G-5.12



STORM DRAIN PROFILE
 SCALE: HORI.: 1"=40'
 VERT.: 1"=4'



STORM DRAIN PROFILE
 SCALE: HORI.: 1"=40'
 VERT.: 1"=4'



STORM DRAIN PROFILE
 SCALE: HORI.: 1"=40'
 VERT.: 1"=4'

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James M. Boyd 7/21/98
 DIRECTOR DATE

Clara Hammit 7/21/98
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

John J. ... 7/21/98
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS

James M. Boyd 7/21/98
 COUNTY HEALTH OFFICER DATE

ADDRESS CHART			
PARCEL NO.	STREET ADDRESS		
A-4	9200 WASHINGTON BLVD.		
SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER	
FREESTATE	N/A	PARCEL A-4	
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE
13267	18	B-2	47
		ELECT. DIST.	CENSUS TR.
		6TH	6069.02
WATER CODE	SEWER CODE		
005	7220000 & 5090000		

STORM DRAIN PROFILES FOR
WEIS MARKETS, INC.
 FREESTATE
 FILE NO.: F-92-74

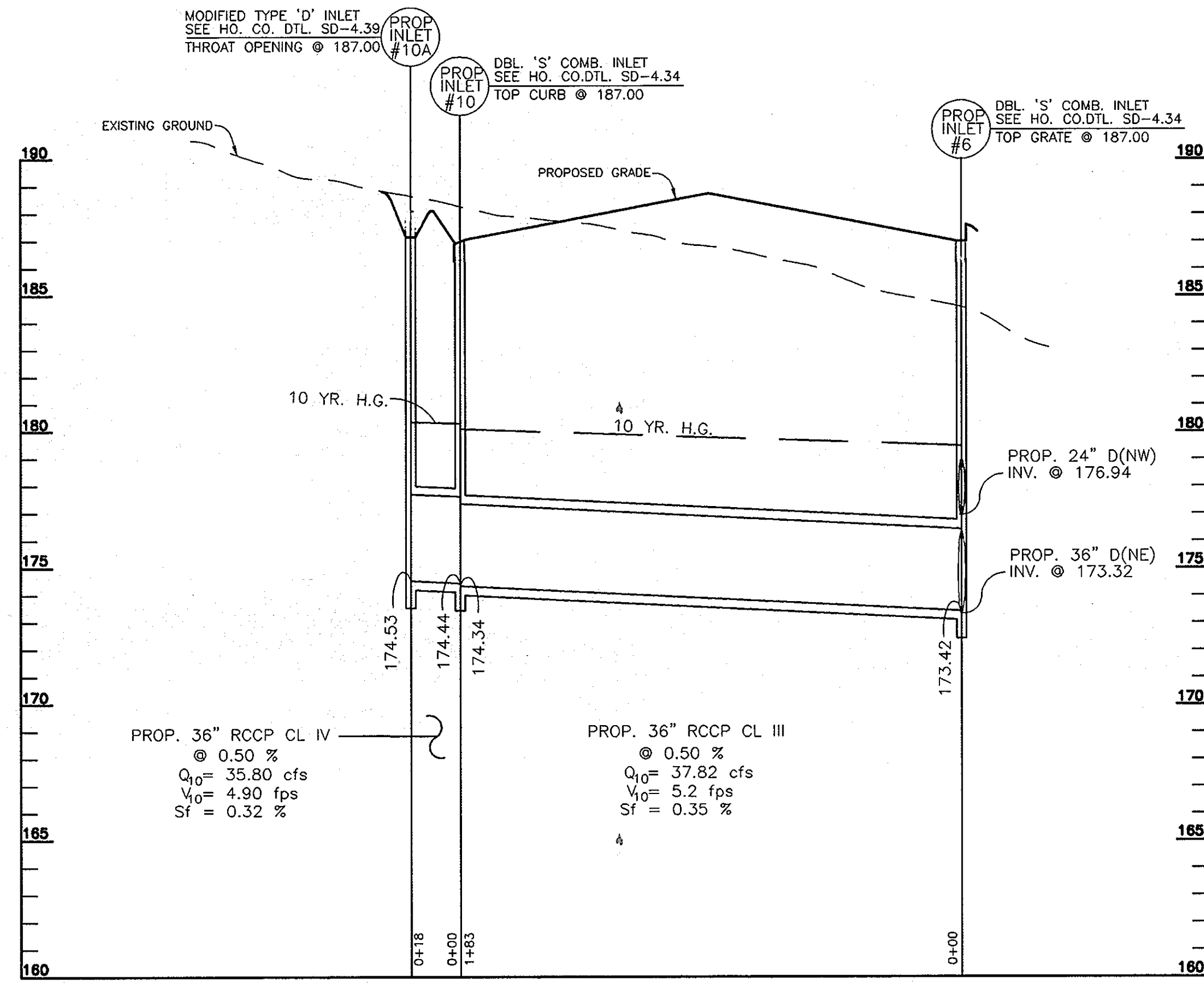
TAX MAP #47
 6TH ELECTION DISTRICT
 PARCEL A-4
 HOWARD COUNTY, MARYLAND

DESIGN BY: R.M.F.
 DRAWN BY: J.E.R.
 CHECKED BY: R.H.V.
 DATE: MARCH, 1998
 SCALE: AS SHOWN
 W.O. NO.: 98-23

7 SHEET OF 14

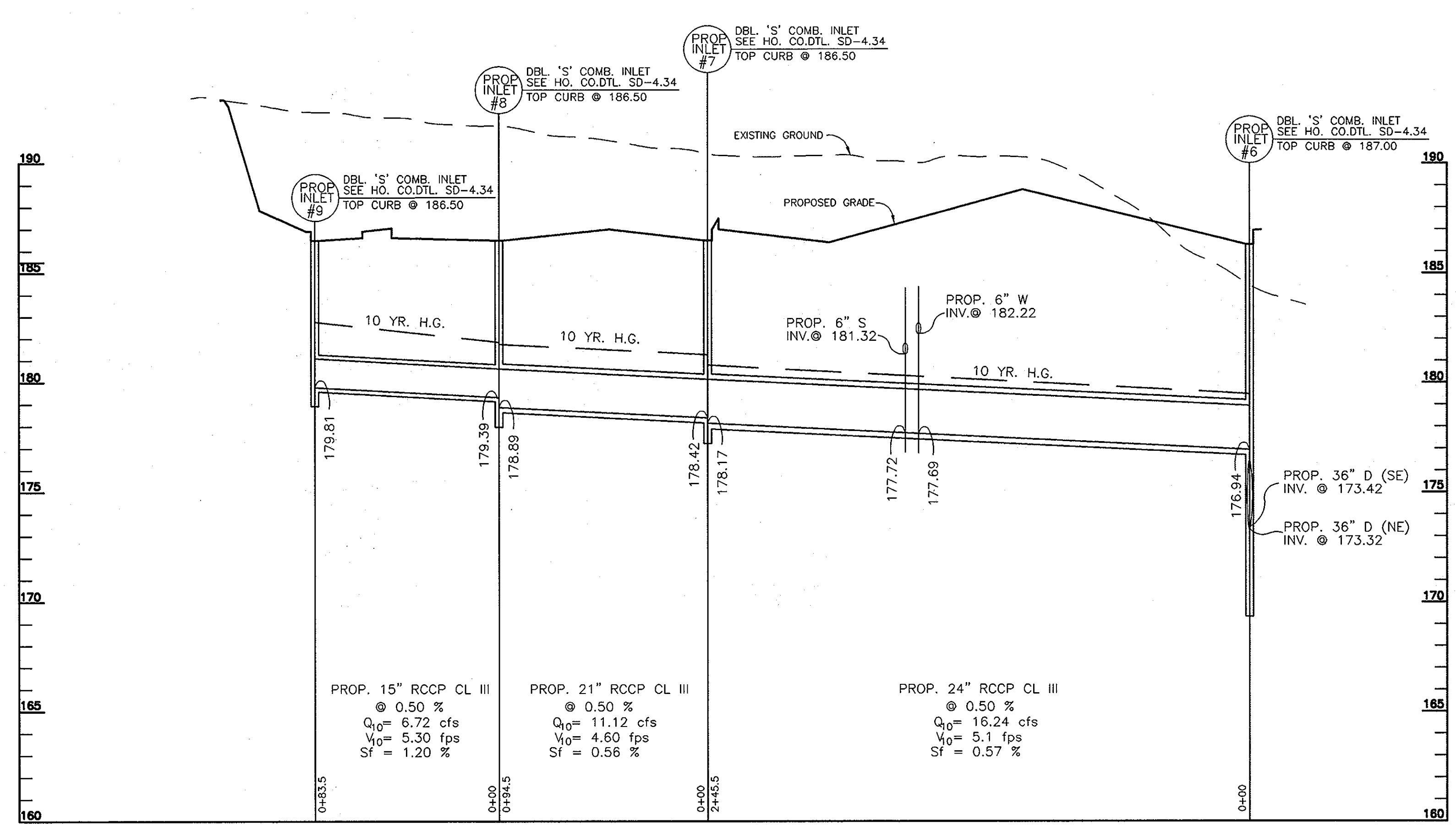
VOGEL & ASSOCIATES
 ENGINEERS-SURVEYORS-PLANNERS
 3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
 Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
 1000 SOUTH SECOND STREET
 SUNBURY, PA 17801-0471
 (717)286-3640



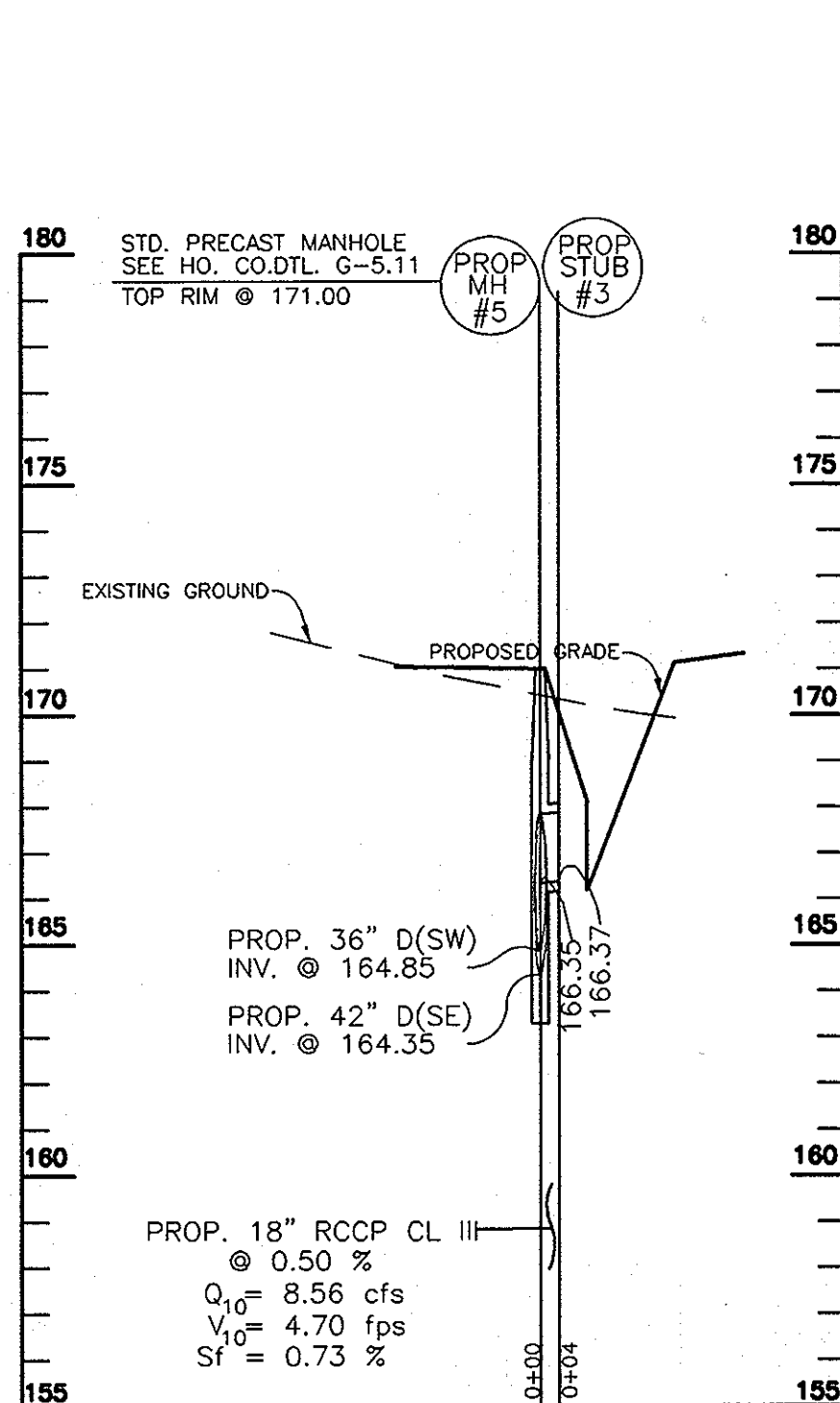
STORM DRAIN PROFILE

SCALE: HORI.: 1"=40'
VERT.: 1"=4'



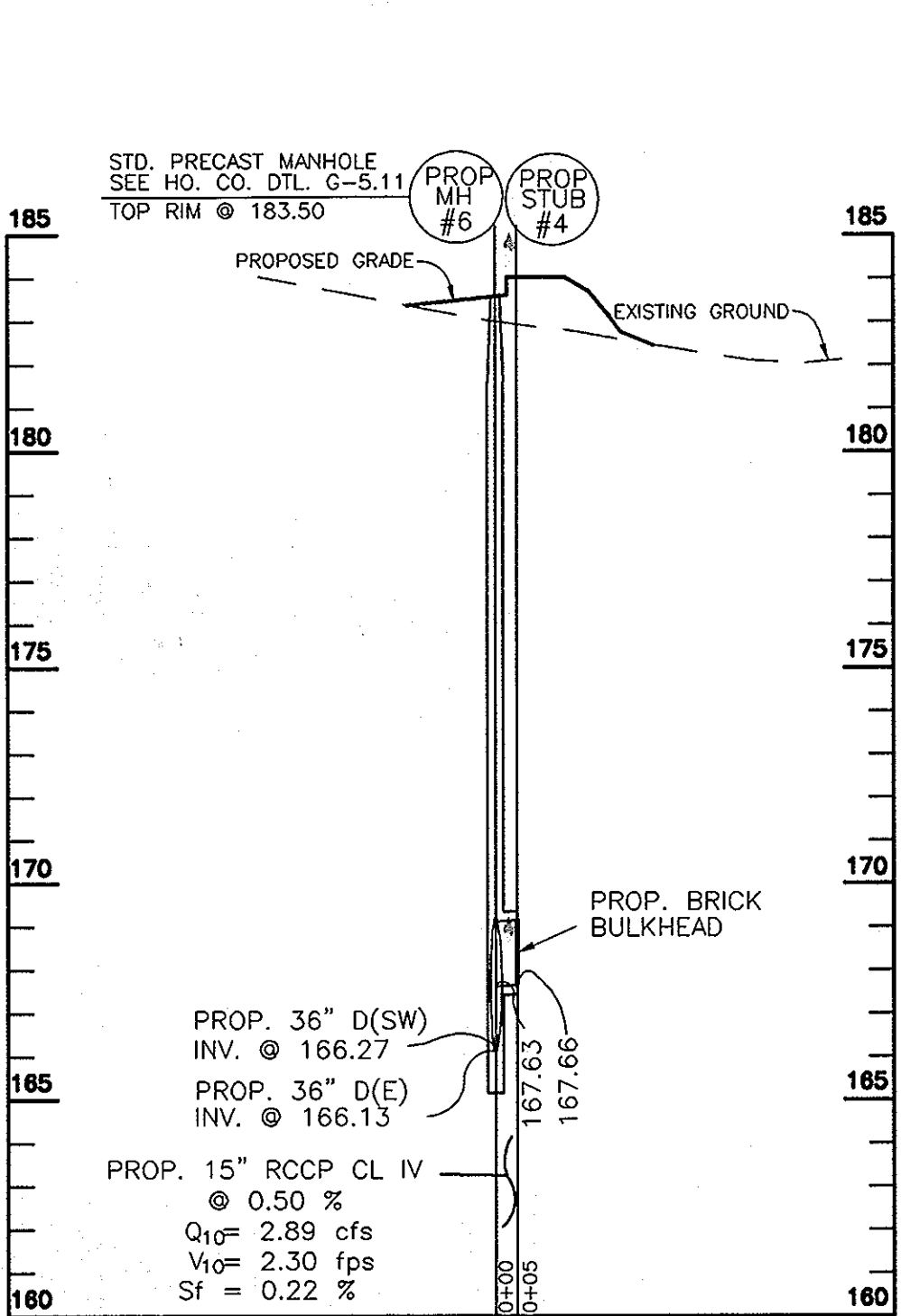
STORM DRAIN PROFILE

SCALE: HORI.: 1"=40'
VERT.: 1"=4'



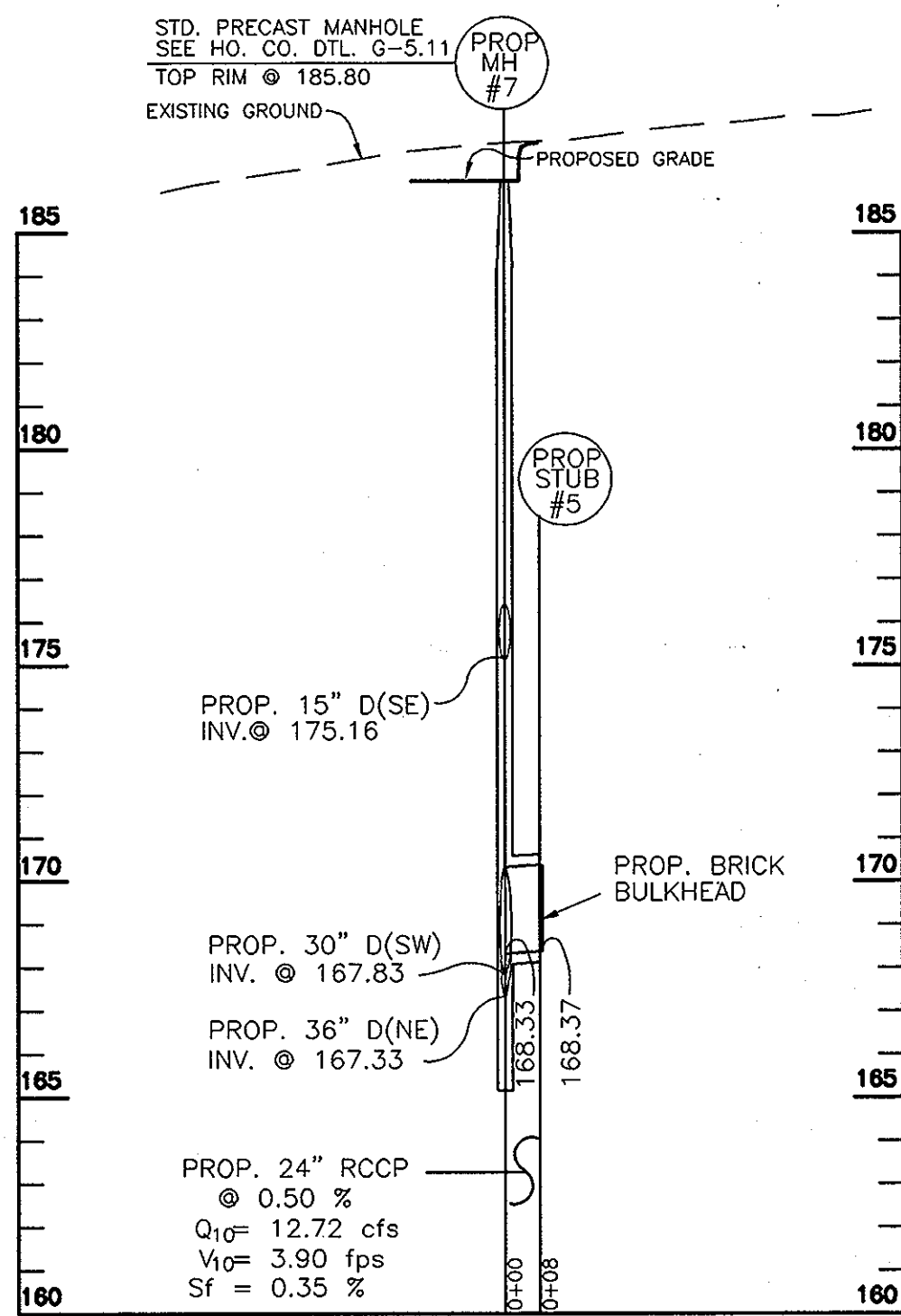
STORM DRAIN PROFILE

SCALE: HORI.: 1"=40'
VERT.: 1"=4'



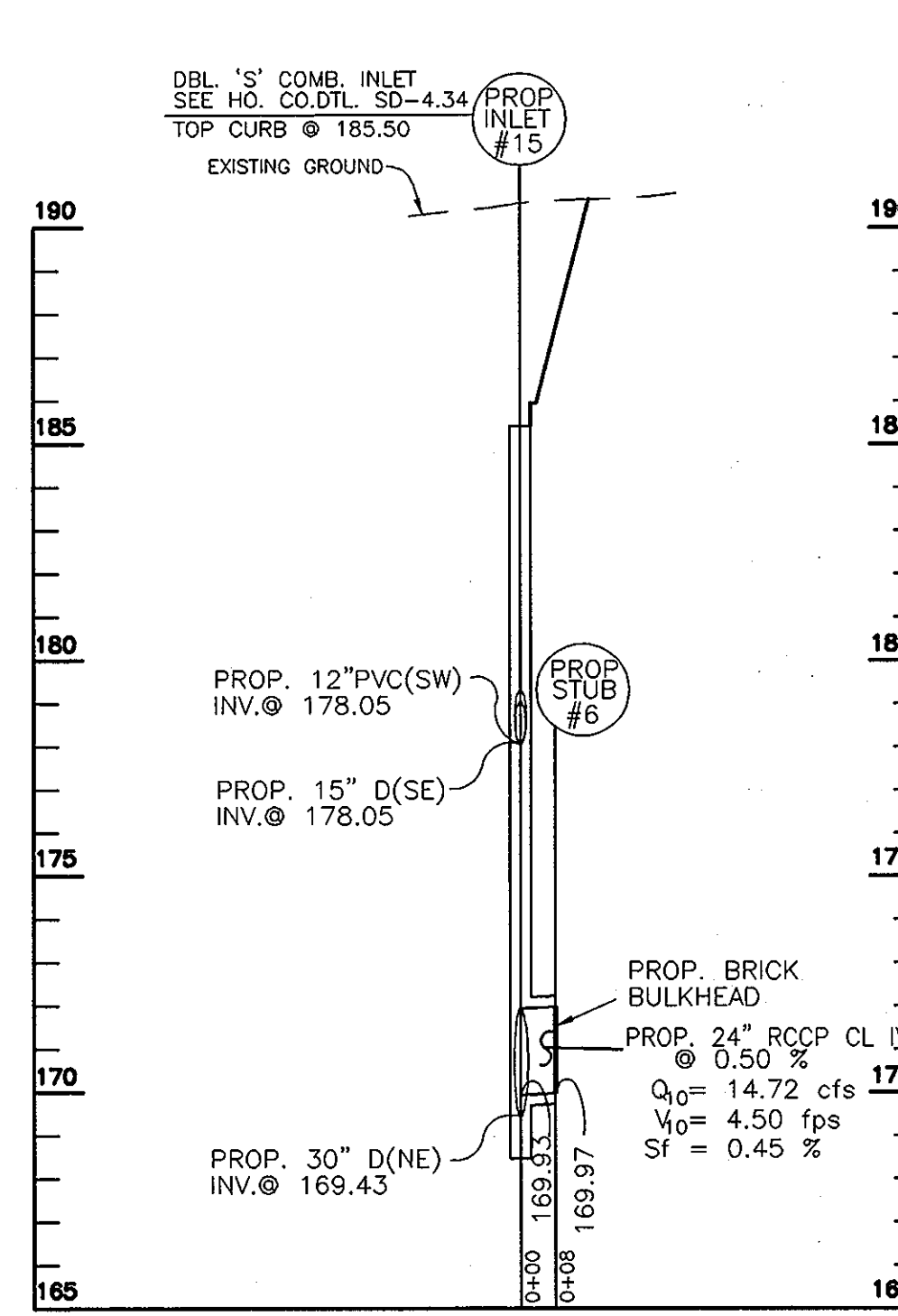
STORM DRAIN PROFILE

SCALE: HORI.: 1"=40'
VERT.: 1"=4'



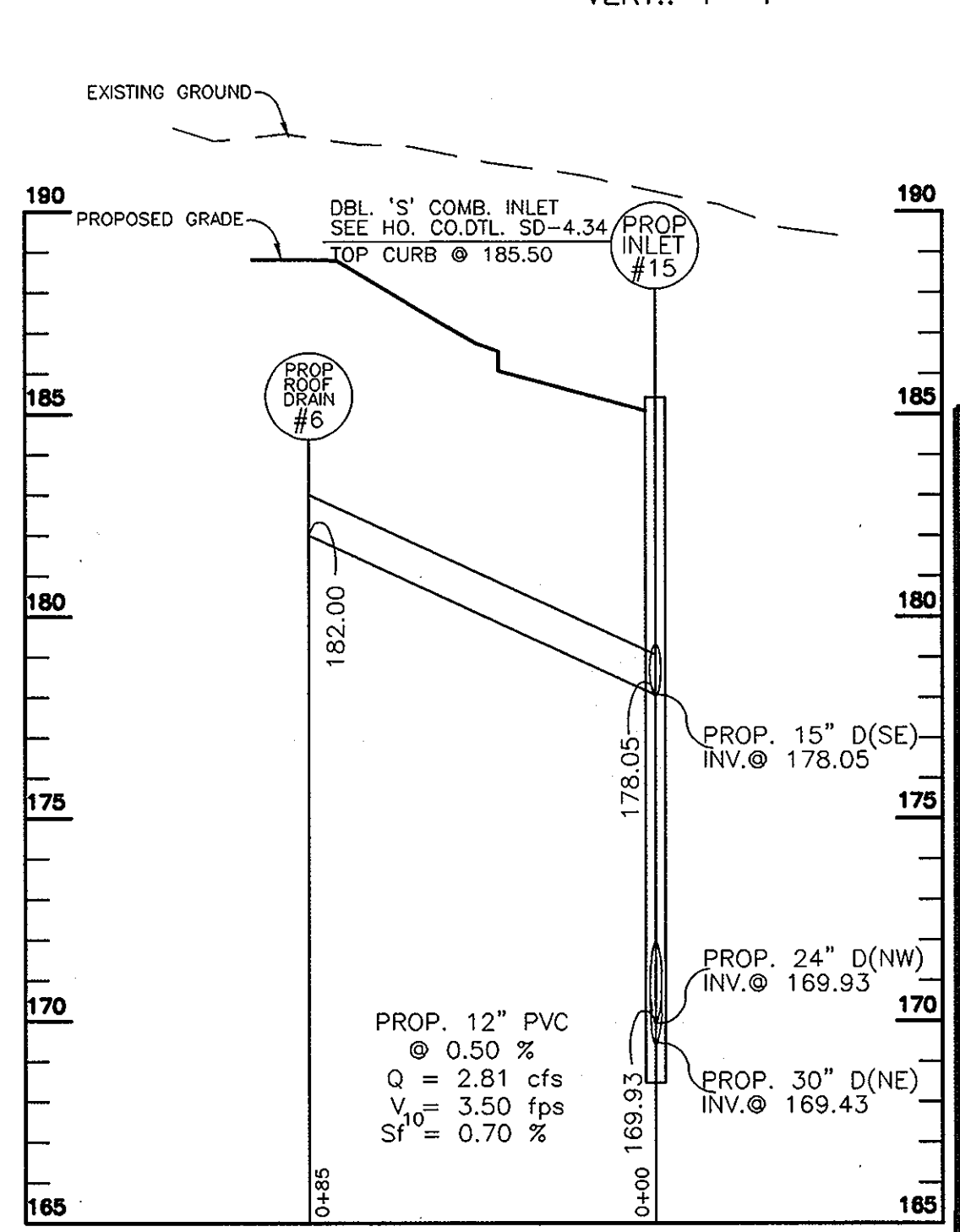
STORM DRAIN PROFILE

SCALE: HORI.: 1"=40'
VERT.: 1"=4'



STORM DRAIN PROFILE

SCALE: HORI.: 1"=40'
VERT.: 1"=4'



STORM DRAIN PROFILE

SCALE: HORI.: 1"=40'
VERT.: 1"=4'

NO.	REVISION	DATE

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James M. Boyd 7/21/98
DIRECTOR DATE

Chris Hamilton 7/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

John P. ... 7/21/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

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

James M. Boyd 7/19/98
COUNTY HEALTH OFFICER DATE

ADDRESS CHART
PARCEL NO. | STREET ADDRESS
A-4 | 9200 WASHINGTON BLVD.

SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER
FREESTATE	N/A	PARCEL A-4

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.	CENSUS TR.
13266-13267	18	B-2	47	6TH	6069.02

WATER CODE C05 SEWER CODE 7220000 & 5090000

STORM DRAIN PROFILES FOR
WEIS MARKETS, INC.
FREESTATE
FILE NO.: F-92-74

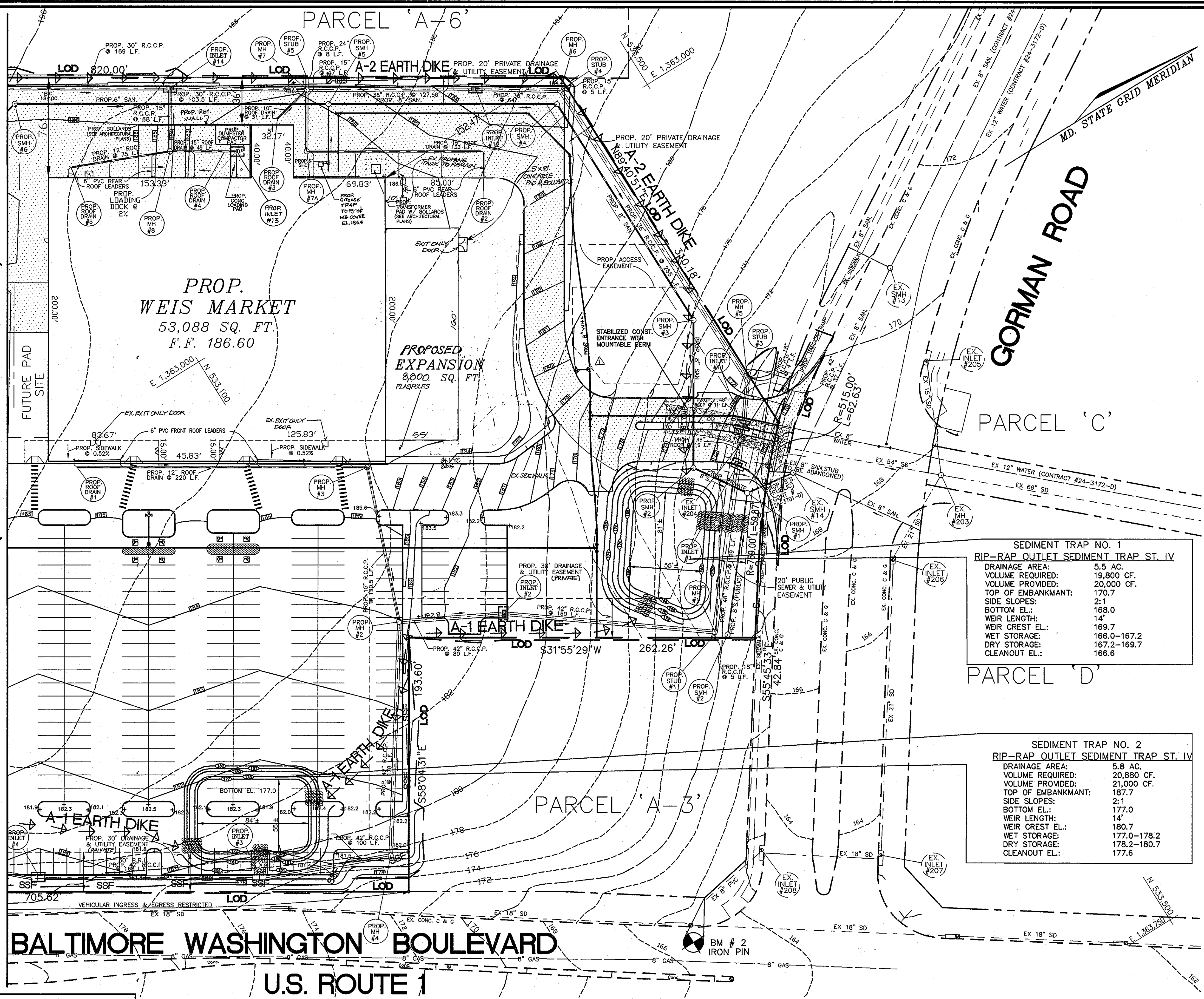
TAX MAP #47
6TH ELECTION DISTRICT

PARCEL A-4
HOWARD COUNTY, MARYLAND



DESIGN BY: R.M.F.
DRAWN BY: J.E.R.
CHECKED BY: R.H.V.
DATE: MARCH, 1998
SCALE: AS SHOWN
W.O. NO.: 98-23

MATCHLINE A-A (SEE SHEET 11 OF 14)



LEGEND

- EXISTING GROUND 472
- PROPOSED GRADE 472
- EXISTING WATER
- EXISTING SEWER
- EXISTING STORM DRAIN
- EXISTING CURB & GUTTER
- PROPERTY LINE
- EXISTING R/W
- EASEMENT
- PROPOSED C&G
- PROP. HEAVY DUTY PAVING
- PROP. CONC. SIDEWALK
- STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE LOD
- PROP. EARTH DIKE
- PROP. SUPER SILT FENCE
- PROP. SILT FENCE
- INLET PROTECTION

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

VOGEL & ASSOCIATES
ENGINEERS/SURVEYORS/PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

PLAN
SCALE: 1" = 40'

NO.	REVISION	DATE
3	REVISE SQUARE FOOTAGE OF BUILDING ADDITION	7/19/99
2	REMOVE FUTURE FROM PROPOSED ADDITION	8-10-07
1	REVISE WHC SIZE INTO WEIS MARKET	9-8-98

SEDIMENT CONTROL PLAN FOR
WEIS MARKETS, INC.
FREESTATE
FILE NO.: F-92-74

TAX MAP #47 6TH ELECTION DISTRICT	PARCEL A-4 HOWARD COUNTY, MARYLAND
DESIGN BY: R.M.F.	DRAWN BY: J.E.R.
CHECKED BY: R.H.V.	DATE: MARCH, 1998
SCALE: AS SHOWN	W.O. NO.: 98-23
10 SHEET 14	

ENGINEERS CERTIFICATE
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.
Vogel & Associates
Robert M. Fernandez 7/15/98
SIGNATURE OF ENGINEER DATE
ROBERT M. FERNANDEZ

DEVELOPER'S CERTIFICATE
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT 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.
Weis Markets, Inc.
Max. Store Development 7-14-98
SIGNATURE OF DEVELOPER DATE

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
Clay Simmons 7/16/98
USDA-NATURAL RESOURCES CONSERVATION SERVICE DATE
THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
John R. Robertson 7/16/98
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
James M. Bostwick 7/15/98
DIRECTOR DATE
Clayton Hammett 7/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
John R. Robertson 7/16/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Joyce M. Boydland 7/17/98
COUNTY HEALTH OFFICER DATE

ADDRESS CHART	
PARCEL NO. STREET ADDRESS	PARCEL NUMBER
A-4 9200 WASHINGTON BLVD.	PARCEL A-4
SUBDIVISION NAME	SECTION/AREA
FREESTATE	N/A
PLAT NO. BLOCK NO. ZONE	TAX/ZONE ELECT. DIST. CENSUS TR.
13264 18 B-2	47 6TH 6092.02
13267	
WATER CODE C05	SEWER CODE 7220000 & 5090000

SEQUENCE OF CONSTRUCTION

- | | |
|--|----------|
| 1. OBTAIN GRADING PERMIT. | 1 WEEK |
| 2. NOTIFY THE HOWARD COUNTY DEPARTMENT OF PERMITS AND LICENSES 48 HOURS BEFORE BEGINNING WORK. | 2 DAYS |
| 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTABLE BERM. | 1 DAY |
| 4. INSTALL PERIMETER CLEAN WATER DIVERSION DIKES. | 3 DAYS |
| 5. INSTALL SILT FENCE, SUPER SILT FENCE, AND PERIMETER STORM DRAIN SYSTEM FROM EXISTING INLET # 204 TO PROPOSED INLET #3 INSTALL INLET PROTECTION. | 2 WEEKS |
| 6. INSTALL SEDIMENT TRAPS 1-2 AND ASSOCIATED EARTH DIKES. DIRECT OUTFLOW TO STORM DRAIN SYSTEM | 2 WEEKS |
| 7. MASS GRADE SITE | 4 WEEKS |
| 8. BEGIN CONSTRUCTION OF PROPOSED BUILDING. | 3 MONTHS |
| 9. INSTALL REMAINING STORM DRAIN SYSTEM, WATER & SEWER UTILITIES | 1 MONTH |
| 10. FINE GRADE SITE | 1 MONTH |
| 11. INSTALL CURB AND GUTTER AND PAVE SITE | 1 MONTH |
| 12. INSTALL LANDSCAPING AND STABILIZE ALL AREAS NOT PAVED. | 1 WEEK |
| 13. WITH THE PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE REMAINING SEDIMENT CONTROL DEVICES AND STABILIZE WITH PERMANENT SEEDING. | 1 WEEK |
| 14. DURING GRADING AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL MEASURES. | |
| 15. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: | |
| A. 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCH PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1. | |
| B. 14 CALENDAR DAYS FOR ALL OTHER DISTURBED AREAS. | |

LEGEND

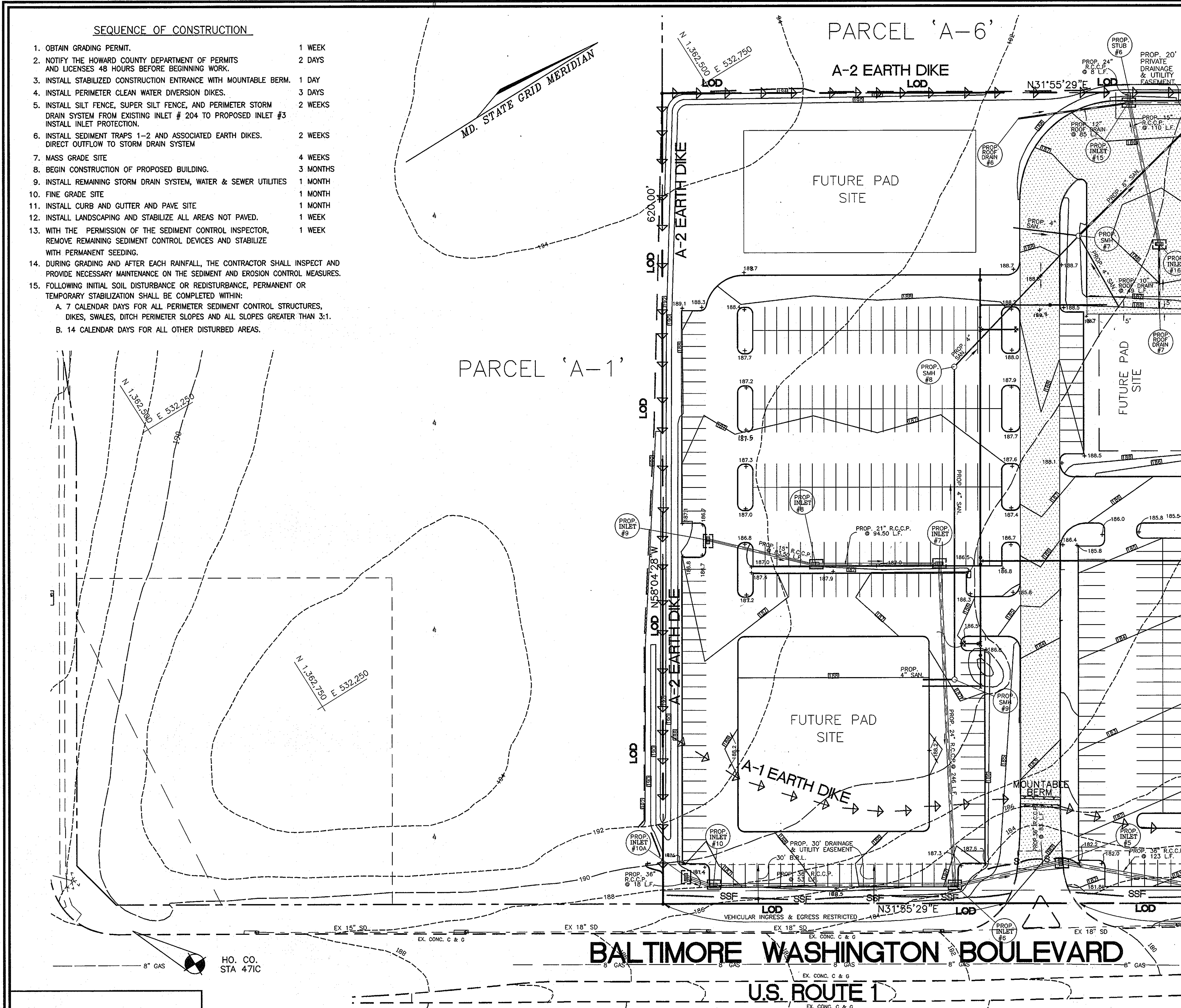
- EXISTING GROUND 472
- PROPOSED GRADE 472
- EXISTING WATER
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- PROP. HEAVY DUTY PAVING
- PROP. CONC. SIDEWALK
- STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE
- PROP. EARTH DIKE
- PROP. SUPER SILT FENCE
- PROP. SILT FENCE
- INLET PROTECTION

MATCHLINE A-A (SEE SHEET 10 OF 14)

OWNER/DEVELOPER
WEIS MARKETS, INC.
 1000 SOUTH SECOND STREET
 SUNBURY, PA 17801-0471
 (717)286-3640

VOGEL & ASSOCIATES
 ENGINEERS-SURVEYORS-PLANNERS
 3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
 Tel 410.461.5828 Fax 410.465.3966

PLAN
 SCALE: 1" = 40'



NO.	REVISION	DATE

SEDIMENT CONTROL PLAN FOR
WEIS MARKETS, INC.
 FREESTATE
 FILE NO.: F-92-74
 TAX MAP #47
 6TH ELECTION DISTRICT
 PARCEL A-4
 HOWARD COUNTY, MARYLAND

ENGINEERS CERTIFICATE
 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.
 Vogel & Assoc. Inc.
 Robert M. Fernandez
 7/15/98
 SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT 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.
 Weis Markets Inc.
 Mr. Store Development
 7-14-98
 SIGNATURE OF DEVELOPER DATE

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.
 Howard Soil Conservation District
 7/16/98
 THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 Howard Soil Conservation District
 7/16/98

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Director
 Chief, Division of Land Development
 Chief, Development Engineering Division
 7/14/98
 7/21/98
 7/16/98

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer
 7/14/98

ADDRESS CHART				
PARCEL NO.	STREET ADDRESS			
A-4	9200 WASHINGTON BLVD.			
SUBDIVISION NAME	SECTION/AREA	PARCEL NUMBER		
FREESTATE	N/A	PARCEL A-4		
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELECT. DIST.
13266-13267	18	B-2	47	6TH
WATER CODE	SEWER CODE		CENSUS TR.	
C05	7220000 & 5090000		606302	

DESIGN BY: R.M.F.
 DRAWN BY: J.E.R.
 CHECKED BY: R.H.V.
 DATE: MARCH, 1998
 SCALE: AS SHOWN
 W.O. NO.: 98-23
 11 SHEET OF 14

21.0 STANDARD AND SPECIFICATIONS FOR TOPSOIL

DEFINITION

Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

PURPOSE

To provide a suitable soil medium for vegetative growth. Soils of concern have low moisture content, low pH, and/or unacceptable soil gradation.

CONDITION WHERE PRACTICE APPLIES

- This practice is limited to areas having 2:1 or flatter slopes where:
 - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
 - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
 - The original soil to be vegetated contains material toxic to plant growth.
 - The soil is so acidic that treatment with limestone is not feasible.
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

- Topsoil salvaged from the existing site may be used, provided that it meets the standards set forth in these specifications. Typically, the depth of topsoil to be provided for a given site can be found in the representative soil profile section in the survey published by the State Department of Agriculture in cooperation with Maryland Agricultural Experiment Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
 - Topsoil shall be a loam, sandy loam, clay loam, silty loam, sandy clay loam, loamy sand. Other soils may be used if approved by an agronomist or scientist and approved by the appropriate approval authority. Contrasting textured subsoils and soil shall contain less than 5% clay volume or clods, and coarse fragments (stones, pebbles, trash, or materials larger than 1 1/2" in diameter).
 - Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutgrass, poison ivy, thistle, or others as specified.
 - Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to application of topsoil. Limestone shall be distributed uniformly over designated areas and worked into the soil to a depth of 4-6 inches prior to operations as described in the following procedures.

- For sites having disturbed areas under 5 acres:
 - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Material.
- For sites having disturbed areas over 5 acres:
 - On site meeting topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
 - pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
 - Organic content of topsoil shall not be less than 1.5 percent by weight.
 - Topsoil having soluble salt content greater than 500 parts per million shall not be used.
 - No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for little more than 45 days prior to permit dissipation of phytotoxic materials.
 - Note: Topsoil substitutes or amendments, as recommended by a qualified agronomist or scientist, and approved by the appropriate approval authority, may be used in lieu of natural topsoil.

- Place a topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Material.
- Topsoil Application
 - When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization, Structures, Corn Dikes, Slope Silt Fence and Sediment Traps and Basins.
 - Grades on the areas to be topsoiled, which have been previously established, shall be maintained, about 4" - 6" higher in elevation.
 - Topsoil shall be uniformly distributed in a 4"-8" layer, and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and tillage. Any irregularities in the formation of depressions or water pockets.
 - Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition when the subsoil preparation and tillage. Any irregularities in the formation of depressions or water pockets.

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- Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition when the subsoil preparation and tillage. Any irregularities in the formation of depressions or water pockets.

TEMPORARY SEEDING

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

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

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 from 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. per acre of weeping lovegrass (0.7 lbs./1000 sq. ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well-anchored straw mulch, and seed as soon as possible in the spring, or use sod.

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

PERMANENT SEEDING NOTES

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

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

Soil Amendments: Use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq. ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.) before seeding. Harrow or disc into upper 3 inches of soil. At time of seeding apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 sq. ft.).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs./1000sq. ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs./1000 sq. ft.) before seeding. Harrow or disc into upper three inches of soil.

Seeding: For the periods March 1 thru April 30 and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs./1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. of 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. per acre Kentucky 31 Tall Fescue, and mulch with 2 tons per acre well anchored straw.

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

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

SEDIMENT CONTROL NOTES

- All Grading Permits shall be obtained prior to the starting of any Grading work.
- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction (992-2437).
- All vegetation 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 AS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: (a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes, and all slopes greater than 3:1, (b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, Storm Drainage, of the Howard County Design Manual.
- 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 seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 50), and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis
Total area of site R/W and easements: Parcel A-4= 12,240 AC. +/- acres

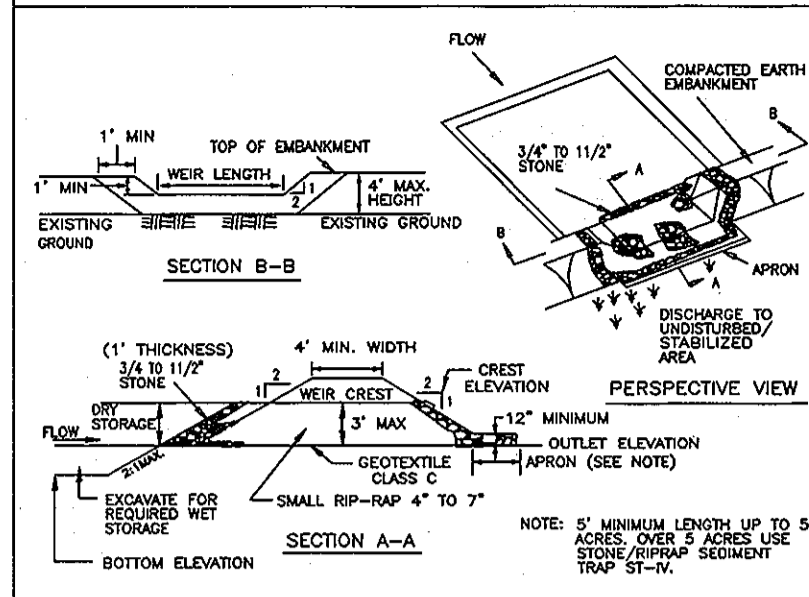
Area disturbed.....	12.4 AC. +/- acres
Area to be roofed or paved:	6.0 AC. +/- acres
Area to be vegetatively stabilized.....	6.4 AC. +/- acres
Total cut.....	31,700 cu. yds.
Total fill.....	1,500 cu. yds.
Offsite waste/borrow area location.....	N/A
Excess cut/spoil to be placed on a site with an approved sediment control plan and active grading permit.	

- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.

- 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.

- It is the contractor's responsibility to clean/restore the adjacent SWM facilities due to sediment emanating from construction activities on this site.

DETAIL 9 - STONE OUTLET SEDIMENT TRAP - ST II

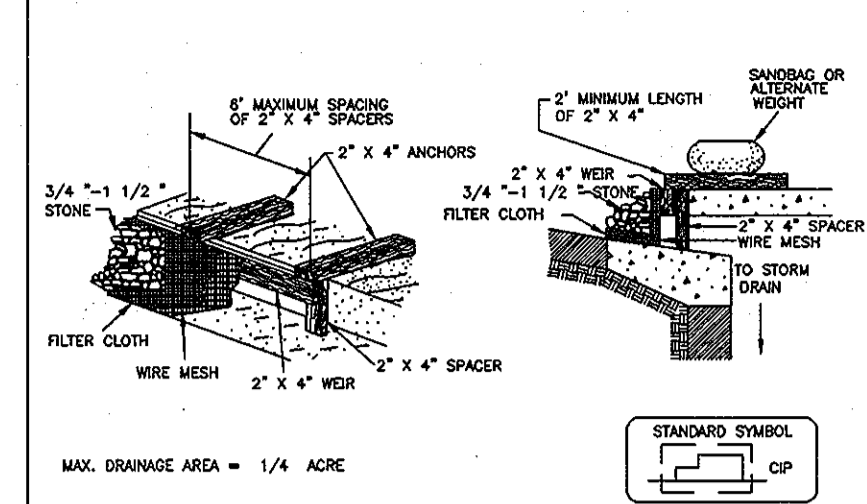


Construction Specifications

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- 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 treading with equipment while it is being laid.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small rip-rap 4" to 7" in size with a 1" thick layer of 3/4" to 1 1/2" washed aggregate placed on the upstream face of the outlet. Stone facing shall be as necessary to prevent clogging. Geotextile Class C may be substituted for the stone facing by placing it on the inside face of the stone outlet.
- Sediment shall be removed and top restored to its original dimensions when the sediment has accumulated to one half of the wet storage depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE 6-8-19	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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DETAIL 23C - CURB INLET PROTECTION (COG OR COS INLETS)

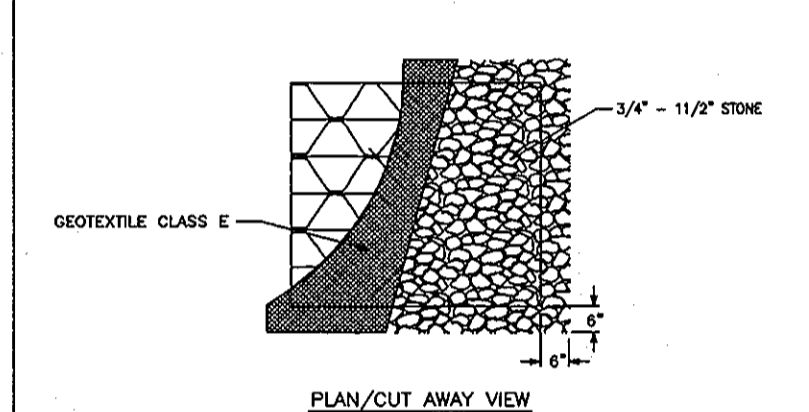


Construction Specifications

- Place a continuous piece of wire mesh (3/4" minimum width by three feet plus 4") to the 2" x 4" wire (measuring total length plus 4") as shown on the standard drawing.
- Place a continuous piece of geotextile Class E of the same dimensions as the wire mesh over the wire mesh and securely attach it to the 2" x 4" wire.
- Securely nail the 2" x 4" wire to a 9" long vertical spacer to be located between the wire and the inlet face (min. 4" apart).
- Place the assembly against the inlet front and nail (minimum 2" lengths of 2" x 4" to the top of the inlet face). These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
- The assembly shall be placed so that the spacers are a minimum 1' beyond both ends of the throat opening.
- Form the 1/2" x 1/2" wire mesh and the geotextile fabric to the concrete curb and extend the face of the curb on both sides of the inlet. Place clean 3/4" x 1 1/2" stone over the wire mesh and geotextile to build a mound to prevent water from entering the inlet under or around the geotextile.
- This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
- Ensure that storm flow does not bypass the inlet by installing a temporary curb or asphalt dike to direct the flow to the inlet.

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DETAIL 23B - AT GRADE INLET PROTECTION

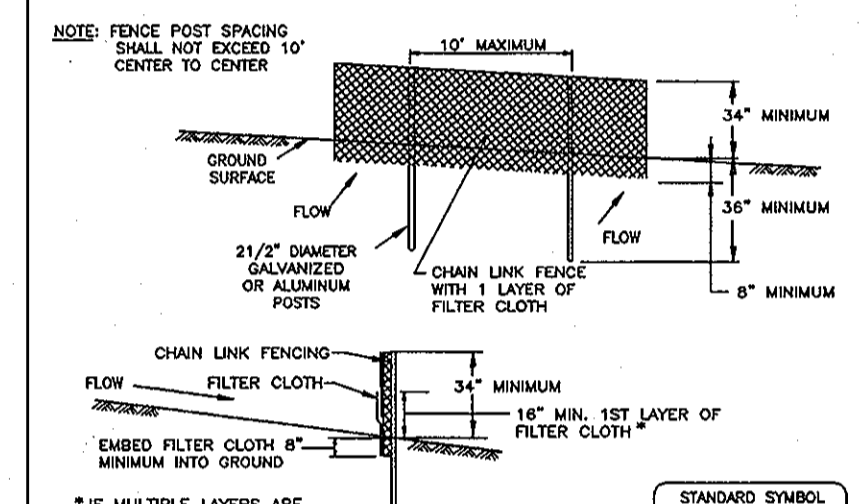


Construction Specifications

- Lift grate and wrap with Geotextile Class E to completely cover all openings, then set grate back in place.
- Place 3/4" to 1 1/2" stone, 4"-6" thick on the grate to secure the fabric and provide additional filtration.

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DETAIL 33 - SUPER SILT FENCE



Construction Specifications

- Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Dept. for Chain Link Fencing. The specification for a 6" fence shall be used, substituted 4" fabric and 6" length posts.
- Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and trunk rods, drive anchors and post caps are not required except on the ends of the fence.
- When two sections of filter cloth adjoin each other, they shall be overlapped by 24" at the top and mid section.
- Filter cloth shall be embedded a minimum of 6" into the ground.
- When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and staked.
- Maintenance shall be performed as needed and all bulges removed when "bulges" develop in the silt fence, or when all reaches 50% of fence height.
- Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs./in. (min.)	Test: MSMT 509
Tensile Modulus	20 lbs./in. (min.)	Test: MSMT 509
Flow Rate	0.3 gal./in./minute (max.)	Test: MSMT 322
Filtration Efficiency	75% (min.)	Test: MSMT 322

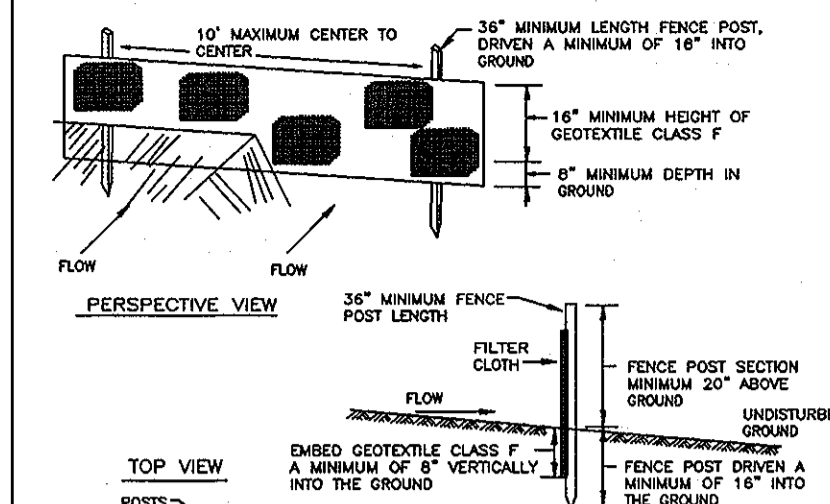
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE H-28-2	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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SUPER SILT FENCE

Slope	Slope Steepness	Slope Length (Maximum)	Silt Fence Length (Minimum)
0 - 10%	0 - 10:1	Unlimited	Unlimited
10 - 20%	10:1 - 5:1	200 feet	1,500 feet
20 - 33%	5:1 - 3:1	100 feet	1,000 feet
33 - 50%	3:1 - 2:1	100 feet	500 feet
50% +	2:1 +	50 feet	250 feet

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DETAIL 22 - SILT FENCE



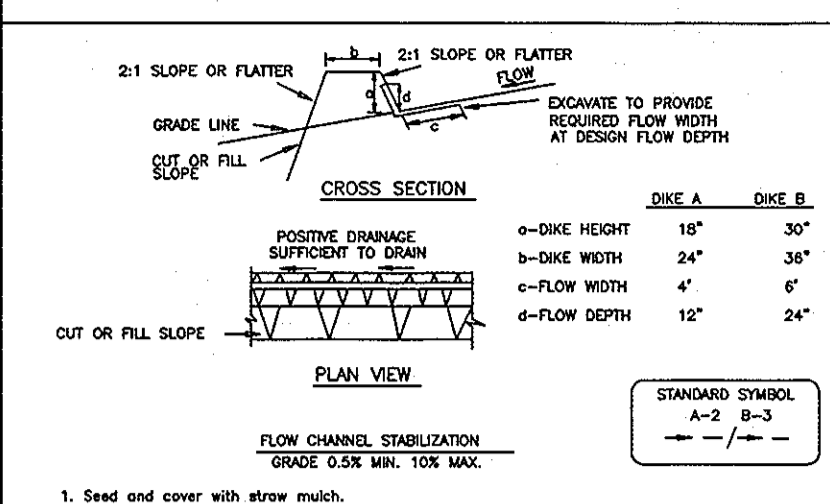
Construction Specifications

- Fence posts shall be a minimum of 3" x 3" x 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
- Geotextile shall be fastened securely to each fence post with wire ties or staples at top and midsection and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs./in. (min.)	Test: MSMT 509
Tensile Modulus	20 lbs./in. (min.)	Test: MSMT 509
Flow Rate	0.3 gal./in./minute (max.)	Test: MSMT 322
Filtration Efficiency	75% (min.)	Test: MSMT 322
- Where areas of geotextile fabric come together, they shall be overlapped.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

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DETAIL 1 - EARTH DIKE

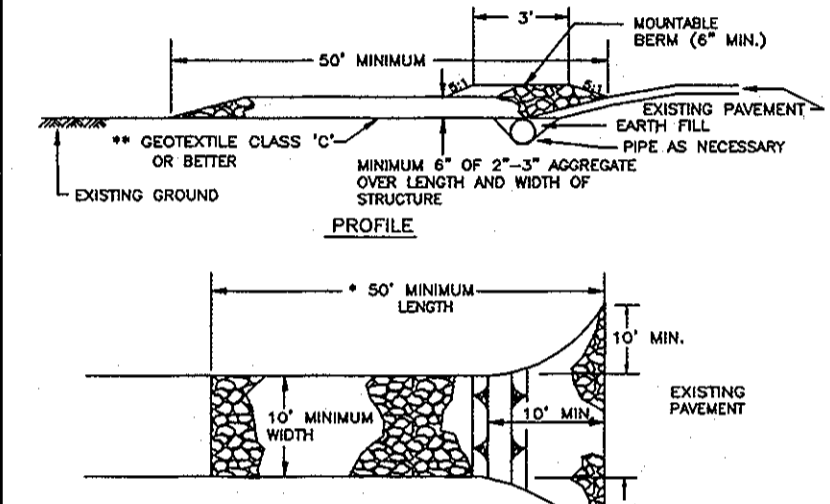


Construction Specifications

- All temporary earth dikes shall have uninterrupted grades less than 1X.
- Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.
- Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.
- All trees, brush, stumps, obstructions, and other objectionable material shall be removed, disposed of so as not to interfere with the proper functioning of the dike.
- The dike shall be excavated or shaped to its grade and cross section as required to meet the criteria specified herein and be free of block sections or other irregularities which will impede normal flow.
- Fill shall be compacted by each moving equipment.
- All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.
- Inspection and maintenance must be provided periodically and after each rain event.

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DETAIL 10A - STONE RIP-RAP OUTLET SEDIMENT TRAP - ST IV

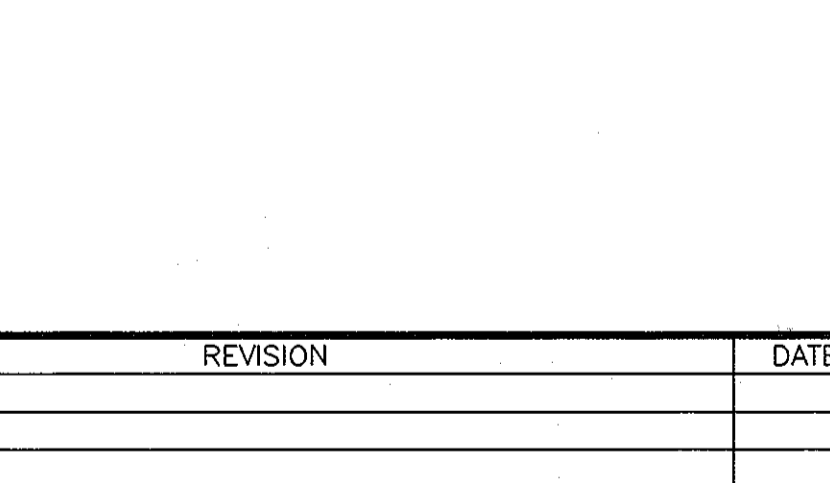


Construction Specifications

- Length - minimum of 50' (30' for single residence lots).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stones. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a moundside berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the design flow. When the pipe is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

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DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



Construction Specifications

- Length - minimum of 50' (30' for single residence lots).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stones. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a moundside berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the design flow. When the pipe is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE F-1-3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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VOGEL & ASSOCIATES
ENGINEERS SURVEYORS PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

John Smith 7/21/98
DIRECTOR DATE

Cinda Hamilton 7/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

John P. ... 7/21/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
John M. ... 7/17/98
COUNTY HEALTH OFFICER DATE

ADDRESS CHART	PARCEL NO. STREET ADDRESS
A-4	9200 WASHINGTON BLVD.
SUBDIVISION NAME	SECTION/AREA
FREESTATE	N/A
PARCEL NUMBER	PARCEL A-4
PLAT NO.	BLOCK NO.
13267	18
ZONE	TAX/ZONE
B-2	47
ELECT. DIST.	CENSUS TR.
6TH	6090D2
WATER CODE	SEWER CODE
COS	7220000 & 5090000

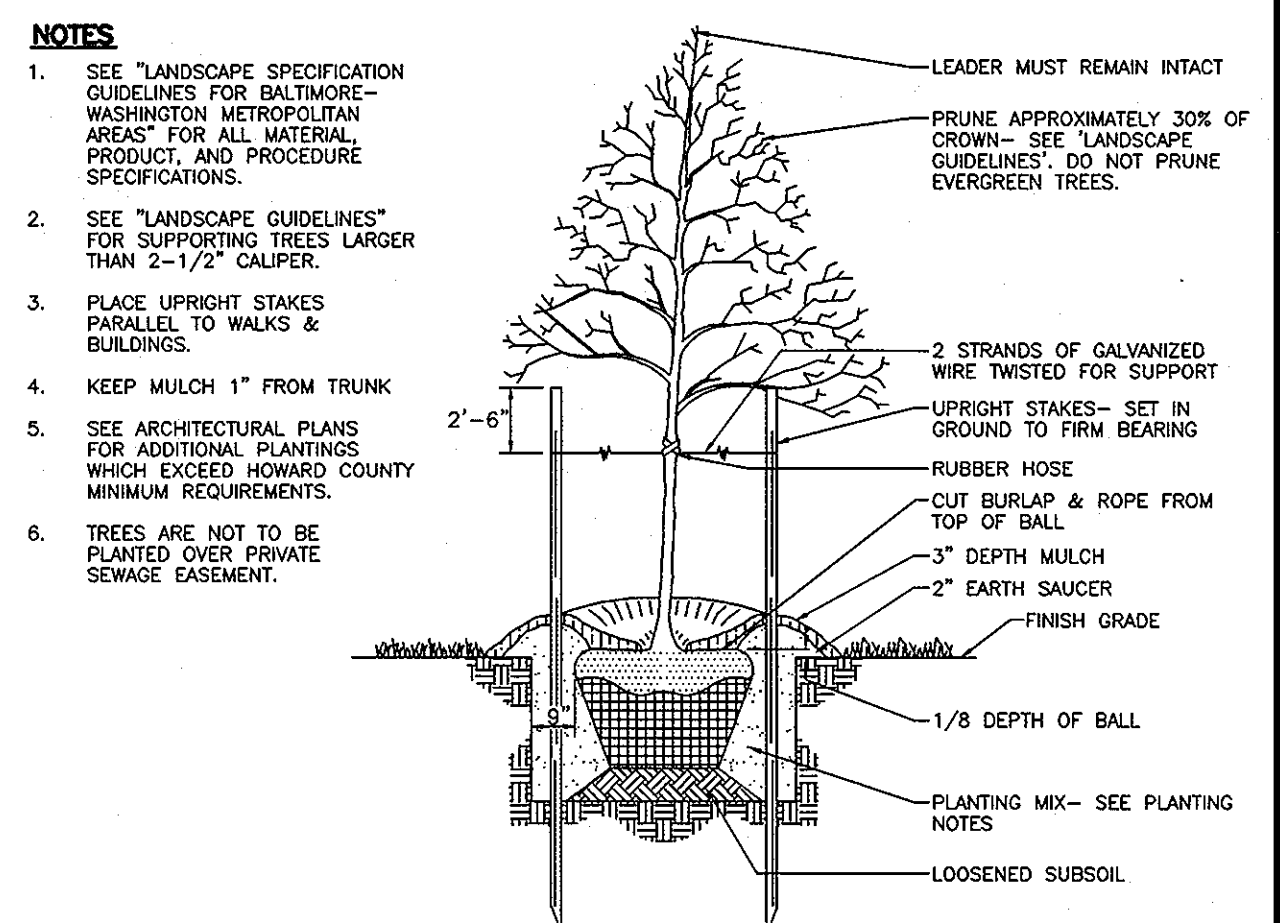
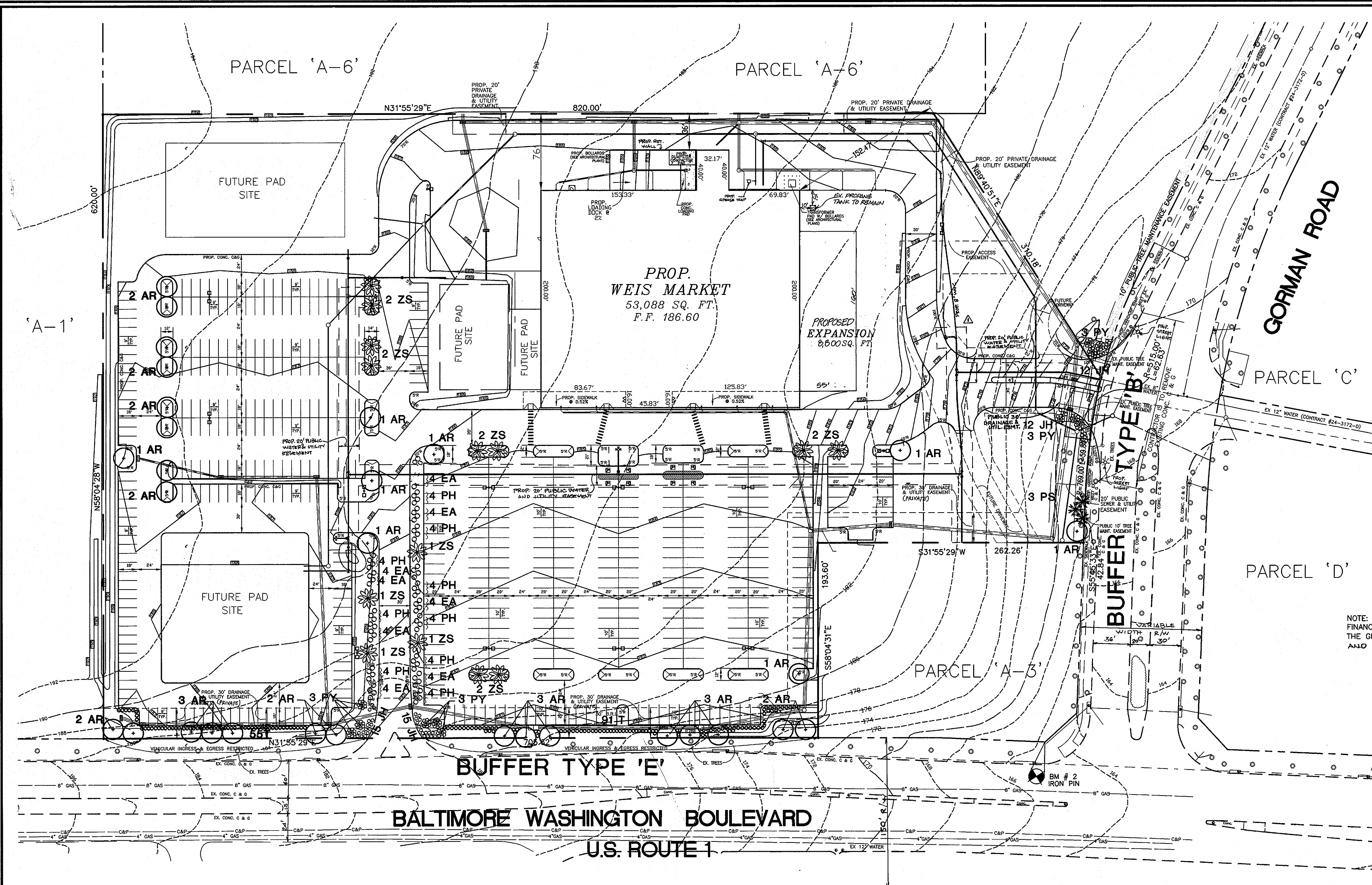
NO.	REVISION	DATE

SEDIMENT CONTROL DETAIL SHEET FOR
WEIS MARKETS, INC
FREESTATE
FILE NO.: F-92-74
PARCEL A-4
HOWARD COUNTY, MARYLAND

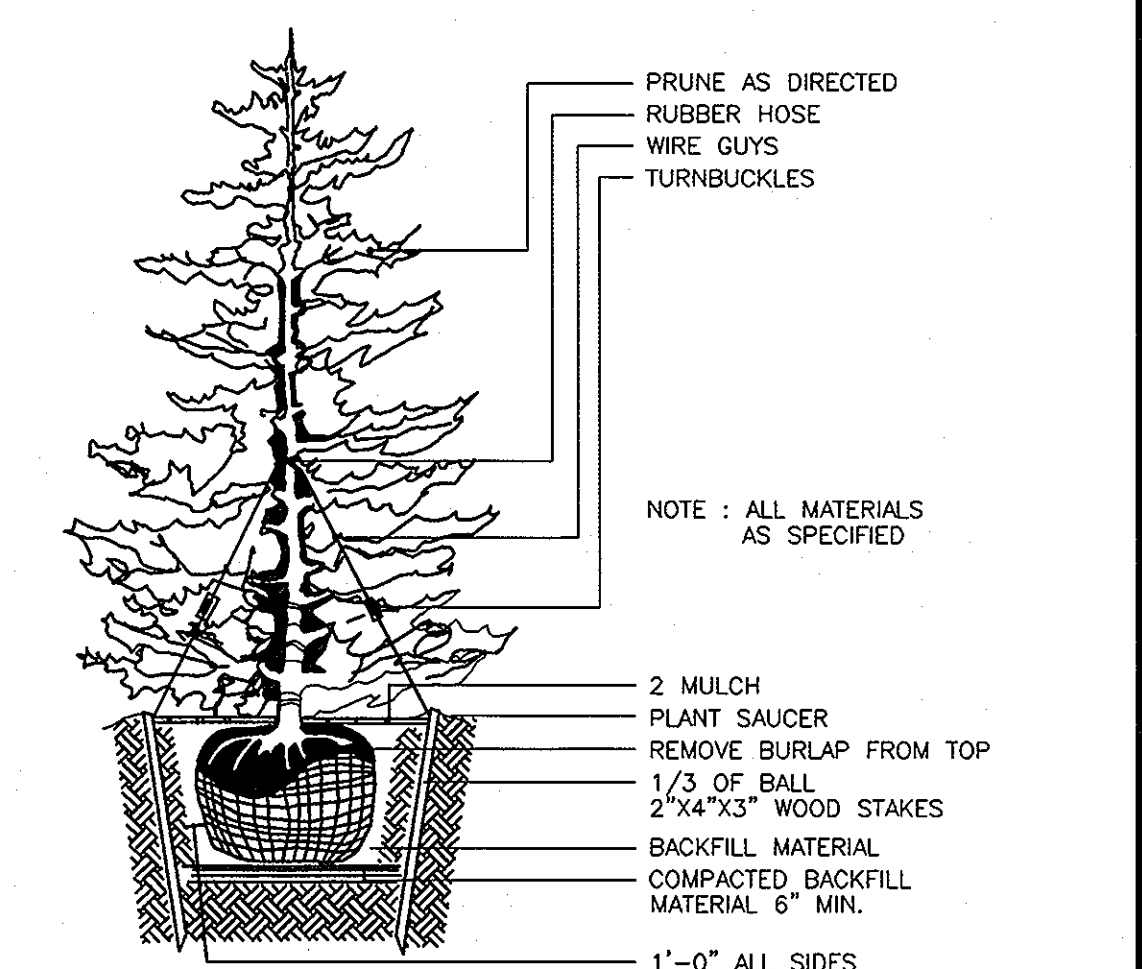
TAX MAP #47
6TH ELECTION DISTRICT

DESIGN BY: R.M.F.
DRAWN BY: J.E.R.
CHECKED BY: R.H.V.
DATE: MARCH, 1998
SCALE: AS SHOWN
W.D. NO.: 98-23

12 SHEET 14 OF



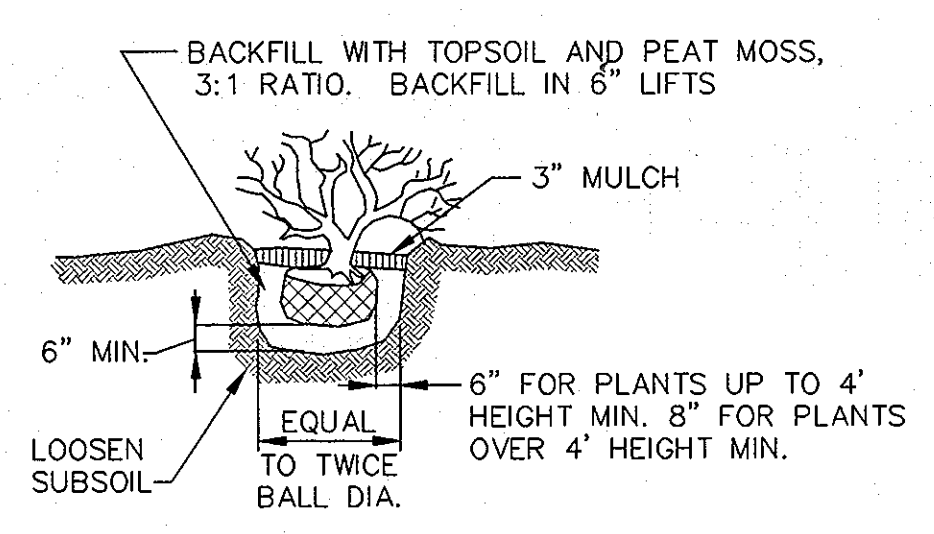
TREE PLANTING AND STAKING
DECIDUOUS TREES UP TO 2-1/2" CALIPER NOT TO SCALE



TYPICAL EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE

NOTE: FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING MUST BE POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$21,690.00 FOR 31 TREES AND 268 SHRUBS AND 29 EVERGREENS.

PLAN
SCALE: 1" = 50'



SHRUB PLANTING DETAIL
NOT TO SCALE

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

DEVELOPER'S BUILDER'S CERTIFICATE
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
Michael J. Weis
Weis Markets Inc.
Mgr. Steve DeLorenzo
SIGNATURE OF DEVELOPER DATE 7.14.98

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Joseph R. Smith 7/21/98
DIRECTOR DATE
Wanda Hanania 7/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
John P. ... 7/21/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

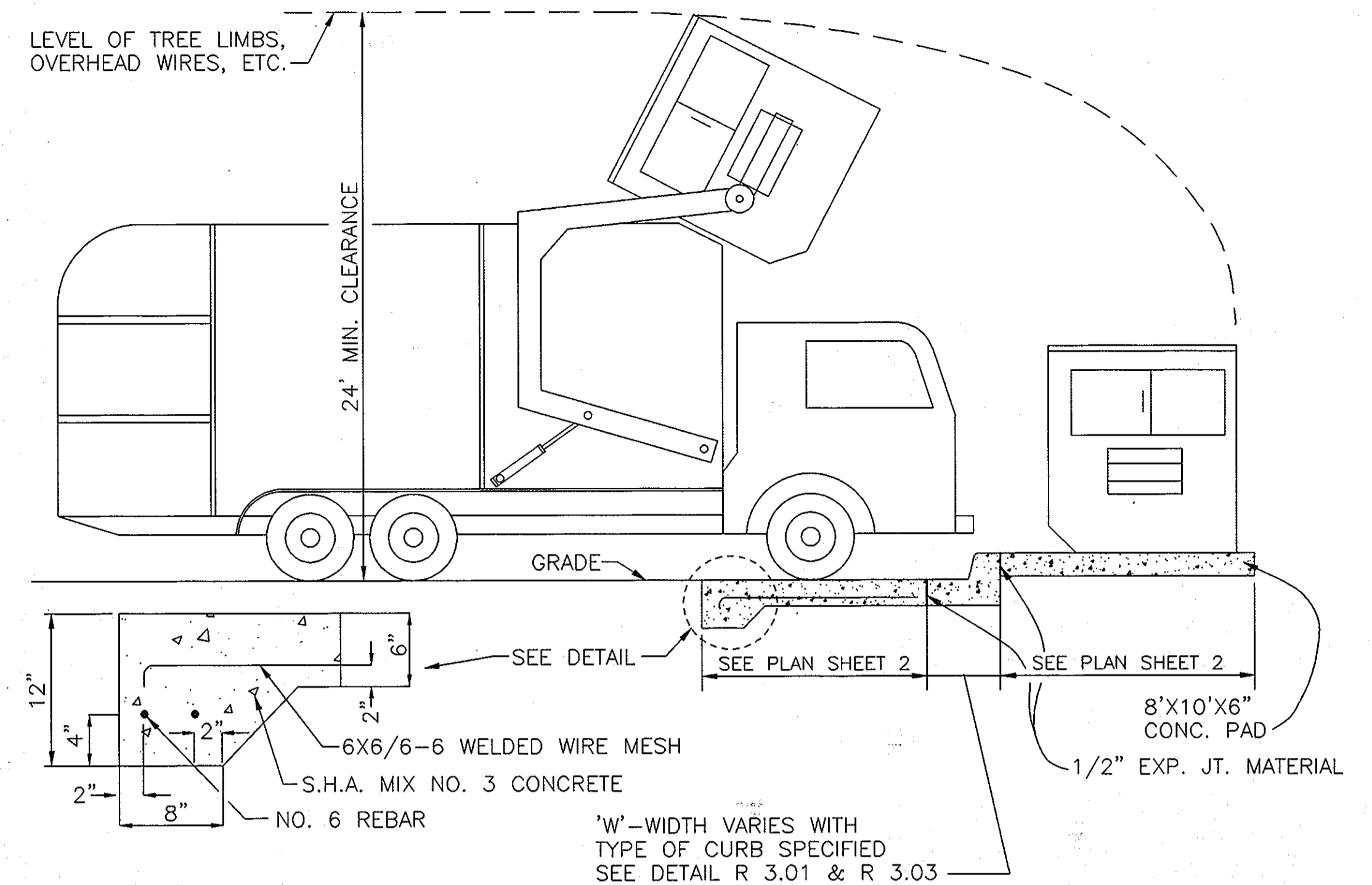
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Joyce M. Bond 7/17/98
COUNTY HEALTH OFFICER DATE
ADDRESS CHART
PARCEL NO. STREET ADDRESS
A-4 9200 WASHINGTON BLVD.
SUBMISSION NAME SECTION/AREA PARCEL NUMBER
FREESTATE N/A PARCEL A-4
PLAT NO. BLOCK NO. ZONE TAX/ZONE ELECT. DIST. CENSUS TR.
13267 18 B-2 47 6TH 609802
WATER CODE C05 SEWER CODE 7220000 & 5090000

LANDSCAPE PLAN FOR
WEIS MARKETS, INC.
FREESTATE
FILE NO.: F-92-74
TAX MAP #47 PARCEL A-4
6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DESIGN BY: R.M.F.
DRAWN BY: J.E.R.
CHECKED BY: R.H.V.
DATE: MARCH, 1998
SCALE: 1" = 50'
W.O. NO.: 98-23
13 SHEET OF 14

PLANTING NOTES

- PLANTS, RELATED MATERIALS, AND OPERATIONS SHALL MEET THE DETAILED DESCRIPTION AS GIVEN ON THE PLANS AND AS DESCRIBED HEREIN.
- ALL PLANT MATERIAL, UNLESS OTHERWISE SPECIFIED, SHALL BE NURSERY GROWN, UNIFORMLY BRANCHED AND HAVE A VIGOROUS ROOT SYSTEM. PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS PLANTS FREE FROM DEFECTS, DECAY, DISFIGURING ROOTS, SUNSCALD INJURIES, ABRASIONS OF THE BARK, PLANT DISEASE, INSECT PEST EGGS, BOXERS AND ALL FORMS OF INFESTATION OR OBJECTIONABLE DISFIGUREMENTS. PLANT MATERIAL THAT IS WEAK OR WHICH HAS BEEN CUT BACK FROM LARGER GRADES TO MEET SPECIFIED REQUIREMENTS WILL BE REJECTED. TREES WITH FORKED LEADERS WILL NOT BE ACCEPTED. ALL PLANTS SHALL BE FRESHLY DUG; NO HEELED-IN PLANTS OR PLANTS FROM COLD STORAGE WILL BE ACCEPTED.
- UNLESS OTHERWISE SPECIFIED, ALL PLANT MATERIAL SHALL CONFORM TO "AMERICAN STANDARD FOR NURSERY STOCK" ANSI Z60.1-1986, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN, INCLUDING ALL ADDENDA.
- UNLESS OTHERWISE SPECIFIED, ALL GENERAL CONDITIONS, PLANTING OPERATIONS, DETAILS AND PLANTING SPECIFICATIONS SHALL CONFORM TO "LANDSCAPE SPECIFICATION GUIDELINES FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS", (HEREIN-AFTER "LANDSCAPE GUIDELINES") APPROVED BY THE LANDSCAPE CONTRACTORS ASSOCIATION OF METROPOLITAN WASHINGTON AND THE POTOMAC CHAPTER OF THE AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS, SEPTEMBER, 1981, INCLUDING ALL ADDENDA.
- CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES, UTILITY CONTRACTORS AND "MISS UTILITY" A MINIMUM OF 48 HOURS PRIOR TO BEGINNING ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO UTILITIES AND MAY MAKE MINOR ADJUSTMENTS IN SPACING AND LOCATION OF PLANTING MATERIALS TO AVOID CONFLICTS WITH UTILITIES.
- PLANTING BED SHALL BE MULCHED WITH 3" OF SHREDDED HARDWOOD BARK MULCH. GROUND COVER BEDS SHALL BE MULCHED TO A DEPTH OF 2".
- ALL AREAS WITHIN THE CONTRACT LIMIT NOT COVERED BY BUILDING, PAVING, PLANTING BEDS OR OTHERWISE DESIGNATED ON THE PLANS SHALL BE SEEDED AND MULCHED OR SODDED IN ACCORDANCE WITH "1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", PERMANENT SEEDING SPECIFICATIONS (SEE SHEET 6), INCLUDING ALL ADDENDA, AS DIRECTED BY THE OWNER.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL MATERIALS IN THE PROPER PLANTING SEASON FOR EACH PLANT TYPE.
- PLANTING MIX SHALL BE DONE AS FOLLOWS:
DECIDUOUS PLANTS - TWO PARTS TOP SOIL, ONE PART WELL-ROTTED COW OR HORSE MANURE, ADD 3 LBS. OF STANDARD 10-10-10 FERTILIZER PER CUBIC YARD OF PLANTING MIX.
EVERGREEN PLANTS - TWO PARTS TOPSOIL, ONE PART HUMUS OR OTHER APPROVED ORGANIC MATERIAL, ADD 3 LBS. OF EVERGREEN (ACIDIC) FERTILIZER PER CUBIC YARD OF PLANTING MIX.
- TOPSOIL SHALL CONFORM TO LANDSCAPE GUIDELINES.
- THIS PLAN IS INTENDED FOR LANDSCAPE PLAN ONLY. SEE OTHER PLAN SHEETS FOR INFORMATION ON GRADING, SEDIMENT CONTROL, LAYOUT, ETC.
- CONTRACTOR TO ADJUST PLANTINGS AS REQUIRED WITH PRIOR APPROVAL OF THE ENGINEER OR LANDSCAPE ARCHITECT.



SOLID WASTE SERVICE PAD

HOWARD COUNTY STD. R 11.01
NOT TO SCALE

**SCHEDULE A
PERIMETER LANDSCAPE EDGE**

KEY	QTY	BOTANICAL NAME	SIZE	REMARKS
SHADE TREES				
AR	31	ACER RUBRUM/ RED MAPLE	2 1/2"-3" CAL	B & B
MINOR TREES				
ZS	14	ZELKOVA SERRATA 'VILLAGE GREEN'/ VILLAGE GREEN ZELKOVA	2 1/2"-3" CAL	B & B
PY	12	PYRUS YEDOENSIS/ YOSHINO CHERRY	1 1/2"-2" CAL	B & B
EVERGREEN TREES				
PS	3	PINUS STROBUS/ EASTERN WHITE PINE	6' - 8' HT.	B & B
SHRUBS				
JH	54	JUNIPERUS HORIZONTALIS/ HORIZONTAL JUNIPER	1' - 2' HT.	B & B
EA	32	EUONYMUS ALATUS/ BURNING BUSH	2 1/2'-3' HT.	B & B
PH	36	PEWISSETUM ALODECURIODES/ DWARF FOUNTAIN GRASS	2 CAL	CONT.
T	146	TAXUS CUSPIDATA "NANA"/ DWARF JAPANESE YEW	2'-2 1/2' HT.	B & B

CATEGORY	ADJACENT TO GORMAN ROAD	ADJACENT TO ROUTE 1
LANDSCAPE TYPE	B	E
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	170	700
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO
NUMBER OF PLANTS REQUIRED (BASED ON TOTAL PERIMETER)		
SHADE TREES (1:50) (1:40)	4	18
EVERGREEN TREES (1:40)	5	-
SHRUBS (1:4)	0	175
NUMBER OF PLANTS PROVIDED		
SHADE TREES (1:50) (1:40)	1	15
EVERGREEN TREES (1:40)	3	-
OTHER TREES (2:1 SUBSTITUTION)	6	6
SHRUBS (10:1 SUBSTITUTION) (1:4)	24	176

**SCHEDULE B
PARKING LOT INTERNAL LANDSCAPING**

NUMBER OF PARKING SPACES	548
NUMBER OF TREES REQUIRED	28
NUMBER OF TREES PROVIDED	15
SHADE TREES	16
OTHER TREES (2:1 SUBSTITUTION)	68
SHRUBS (10:1 SUBSTITUTION)	
NUMBER OF ISLANDS REQUIRED	28
NUMBER OF ISLANDS PROVIDED	34

NO.	REVISION	DATE

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
3891 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

OWNER/DEVELOPER
WEIS MARKETS, INC.
1000 SOUTH SECOND STREET
SUNBURY, PA 17801-0471
(717)286-3640

DEVELOPER'S/BUILDER'S CERTIFICATE
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
John J. Weis
John J. Weis
Weis Markets Inc.
Assoc. State Development
7-14-98
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
James M. Bond 7/21/98
DIRECTOR DATE
Cathy Hamilton 7/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
John J. Weis 7/21/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
James M. Bond 7/17/98
COUNTY HEALTH OFFICER DATE
ADDRESS CHART
PARCEL NO. | STREET ADDRESS
A-4 | 9200 WASHINGTON BLVD.
SUBDIVISION NAME | SECTION/AREA | PARCEL NUMBER
FREESTATE | N/A | PARCEL A-4
PLAT NO. | BLOCK NO. | ZONE | TAX/ZONE | ELECT. DIST. | CENSUS TR.
13266- | 18 | B-2 | 47 | 6TH | 6C090E
WATER CODE C05 | SEWER CODE 7220000 & 5090000

LANDSCAPE DETAILS FOR
WEIS MARKETS, INC.
FREESTATE
FILE NO.: F-92-74
TAX MAP #47 PARCEL A-4
6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DESIGN BY: R.M.F.
DRAWN BY: J.E.R.
CHECKED BY: R.H.V.
DATE: MARCH, 1998
SCALE: AS SHOWN
W.O. NO.: 98-23
7/15/98
14 SHEET OF 14