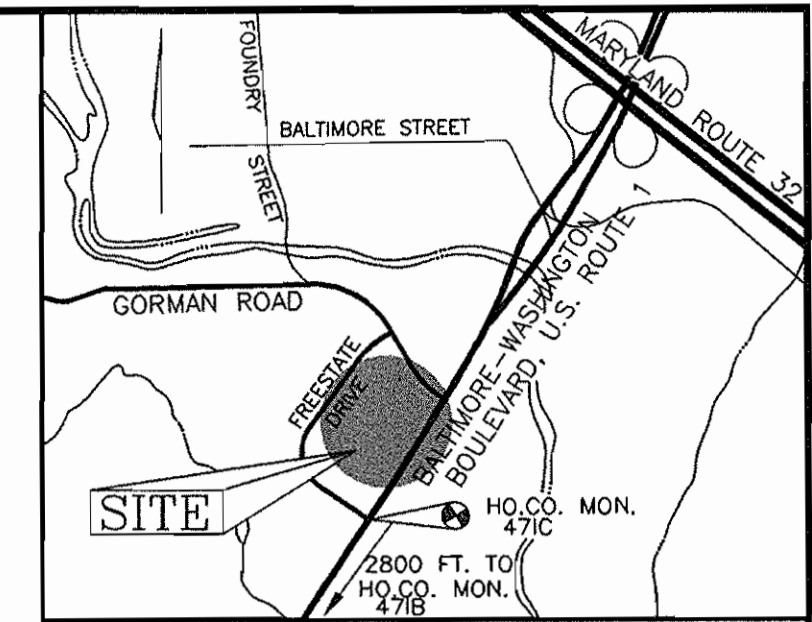
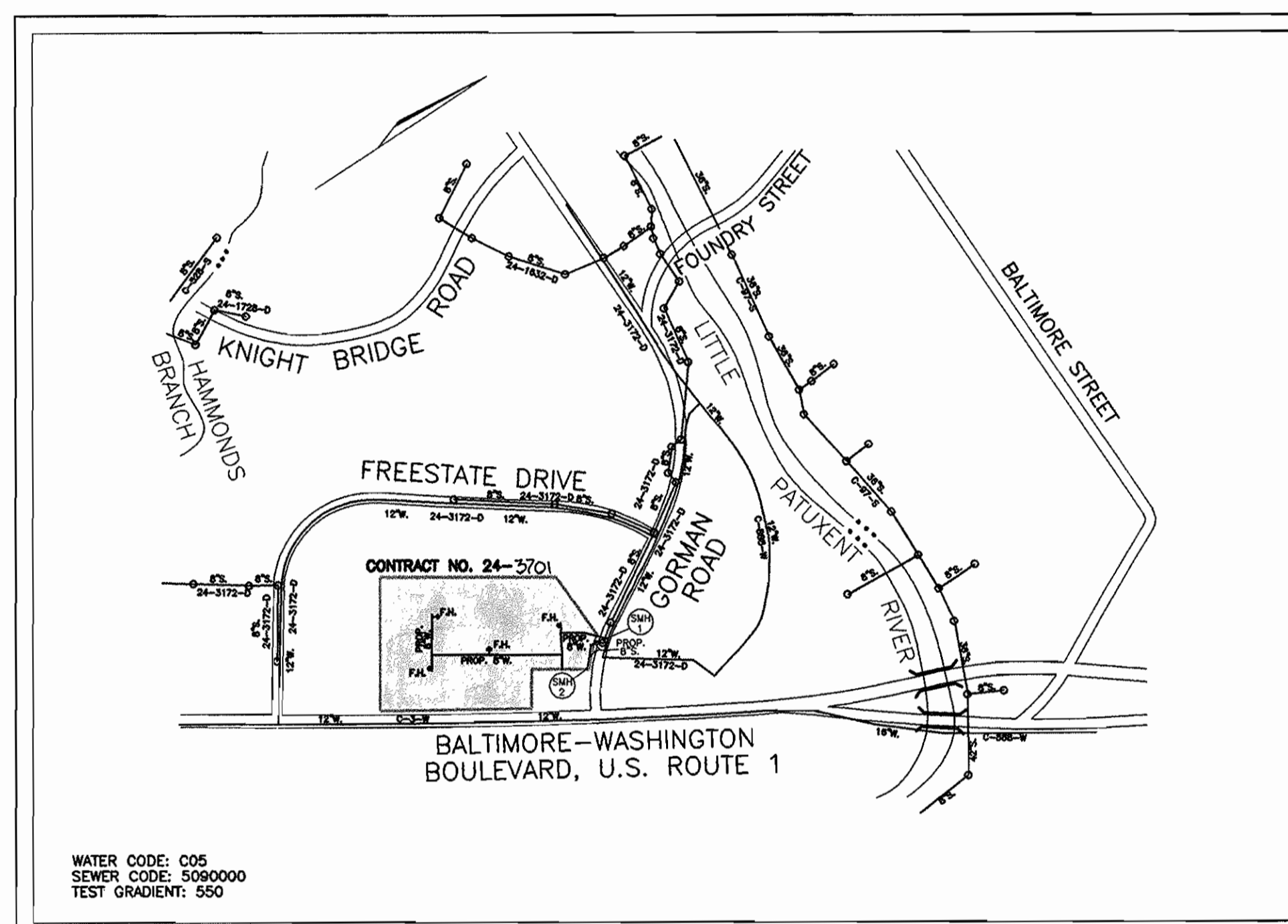


# WEIS MARKET, INC. FREESTATE PUBLIC WATER AND SEWER PLANS HOWARD COUNTY, MARYLAND CONTRACT NO. 24-3701-D

**BENCH MARKS**  
471B - HOWARD COUNTY MONUMENT  
N. 529,701.5793 E. 1,361,469.7579  
471C - HOWARD COUNTY MONUMENT  
N. 532,036.8853 E. 1,362,819.0580



**VICINITY MAP**  
SCALE: 1"=2000'



**LOCATION PLAN**  
SCALE: 1"=600'

**PART III - SEWER**

- ALL SEWER MAINS SHALL BE DIP CLASS 52 OR P.V.C. UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATER-TIGHT FRAME AND COVERS. STANDARDS FOR BRACING OF POLES AS SHOWN ON DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.

**GENERAL NOTES**

- PART I**
- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
  - ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
  - ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S DATA.
  - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
  - CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTRACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
  - FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
  - WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATION OF THE TEST PIT. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION.
  - THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN THESE PLANS:
 

C. & P. TELEPHONE	587-8585
A.T. & T.	865-3803
STATE HIGHWAY ADMINISTRATION	531-5533
B.G. & C. CO. CONTRACTOR SERVICES	850-4620
B.G. & C. CO. UNDER GROUND DAMAGE CONTROL	787-9088
MISS UTILITY	1-800-257-7777
COLONIAL PIPELINE CO.	795-1380
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	313-4800
BUREAU OF UTILITIES	
  - TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
  - THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONSTRUCTION OF THE MAIN.
  - THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-2450 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER/SEWER MAIN OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(c) OF THE HOWARD COUNTY CODE.

**PART II - WATER**

- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-1/2' COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
MANHOLE	2			
8" SEWER	147 L.F.			
6" VALVE	6			
8" VALVE	8			
6"x6" TEE	1			
8"x6" TEE	4			
8"x8" TEE	2			
FIRE HYDRANT	4			
8"x6" REDUCER	2			
8" CAP & BUTTRESS	1			
6" WATER	101 L.F.			
8" WATER	1224 L.F.			
<b>AS-BUILT</b>				
<b>QUANTITIES</b>				
NAME OF UTILITY CONTRACTOR				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE				

TYPE OF BUILDING:	COMMERCIAL
NO. OF LOTS/PARCELS:	1
NO. OF WATER HOUSE CONNECTIONS:	0
NO. OF SEWER HOUSE CONNECTIONS:	0
DRAINAGE AREA:	LITTLE PATUXENT
TREATMENT PLANT:	PATUXENT

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP 98-113

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

*John P. Robertson* 6/23/98  
SOIL CONSERVATION DISTRICT DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*Ceryl Simmons* 6/23/98  
U.S. SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*M. A. Roman* 6/22/98  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND

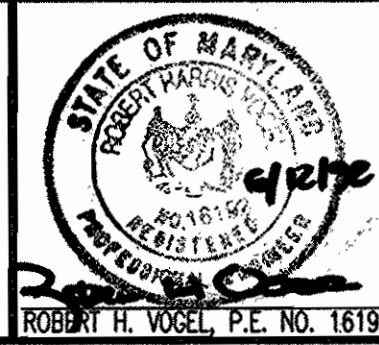
*Robert H. Vogel* 6/23/98  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

**VOGEL & ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS - PLANNERS

3801 PARK AVENUE, SUITE 101  
BELLEVILLE CITY, MARYLAND 21048

TELEPHONE: (410) 461-6822  
FAX: (410) 466-8866

ROBERT H. VOGEL, P.E. NO. 16193



DES:	J.C.O.				
DRN:	J.C.O.				
CHK:	R.H.V.				
DATE:	JUNE 1998	BY	NO.	REVISION	DATE

**TITLE SHEET**

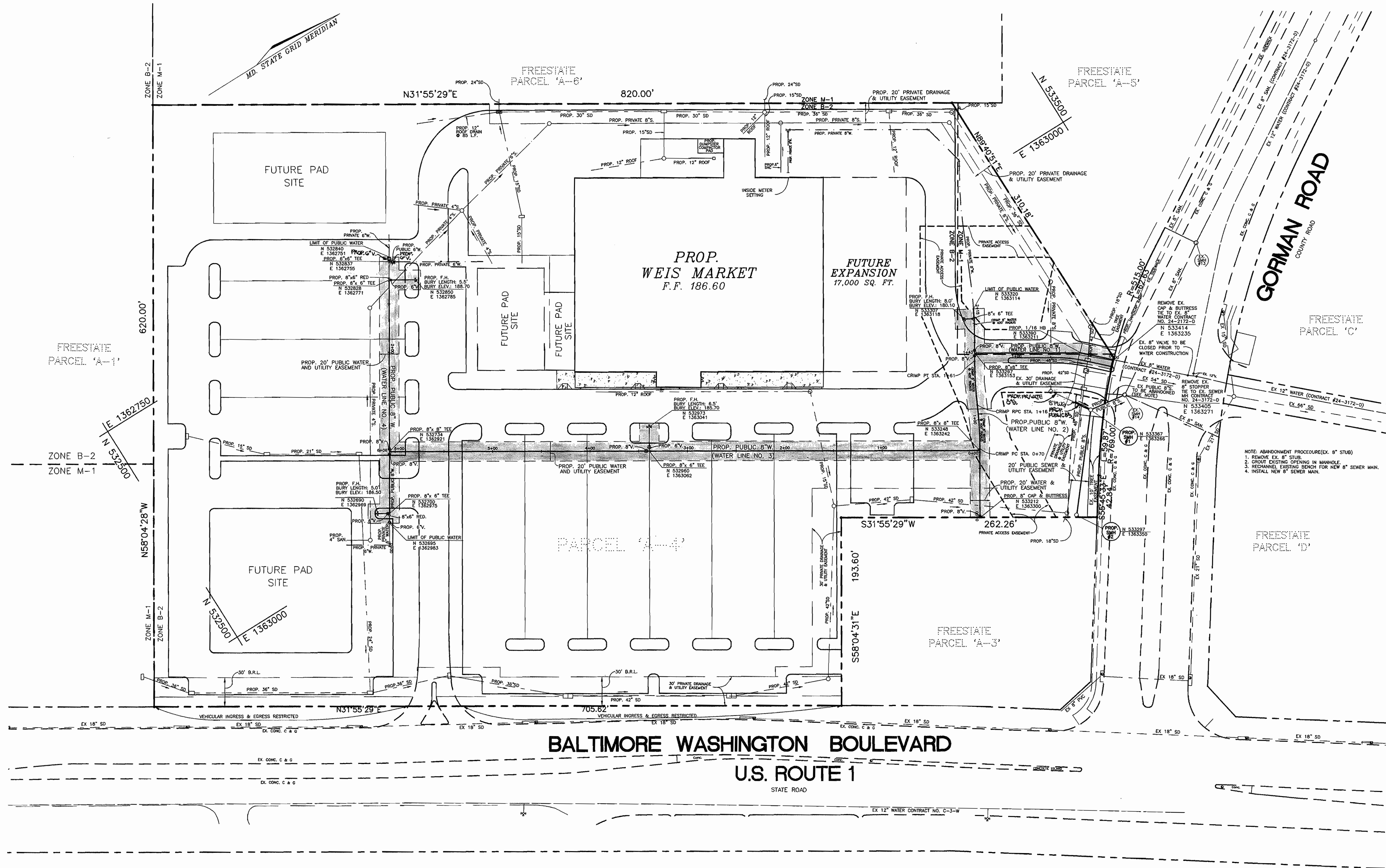
600' SCALE MAP NO. 47 BLOCK NO. 17

**WEIS MARKET, INC.**  
FREESTATE, PARCEL 'A-4'  
CONTRACT 24-3701-D

TAX MAP: 47  
6TH ELECTION DISTRICT

PARCEL: A-4  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
SHEET 1 OF 3



NOTE: ABANDONMENT PROCEDURE (EX. 8" STUB)  
 1. REMOVE EX. 8" STUB.  
 2. GROUT EXISTING OPENING IN MANHOLE.  
 3. RECHANNEL EXISTING SENSOR FOR NEW 8" SEWER MAN.  
 4. INSTALL NEW 8" SEWER MAN.

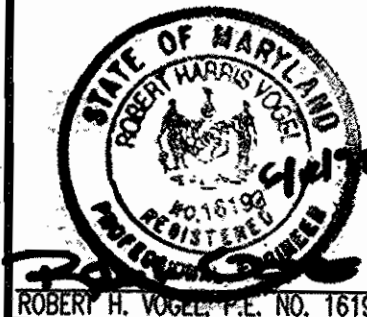
DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING  
 HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS - PLANNERS

3691 PARK AVENUE, SUITE 101  
 ELICOTT CITY, MARYLAND 21043

TELEPHONE: (410) 461-5832  
 FAX: (410) 465-3885



DES: J.C.O.  
 DRN: J.C.O.  
 CHK: R.H.V.  
 DATE: JUNE 1998

BY NO. REVISION DATE

**WATER AND SEWER PLAN**

600' SCALE MAP NO. 47 BLOCK NO. 17

**WEIS MARKET, INC.**  
 FREESTATE, PARCEL 'A-4'  
 CONTRACT NO. 24-3701-D

TAX MAP: 47  
 6TH ELECTION DISTRICT

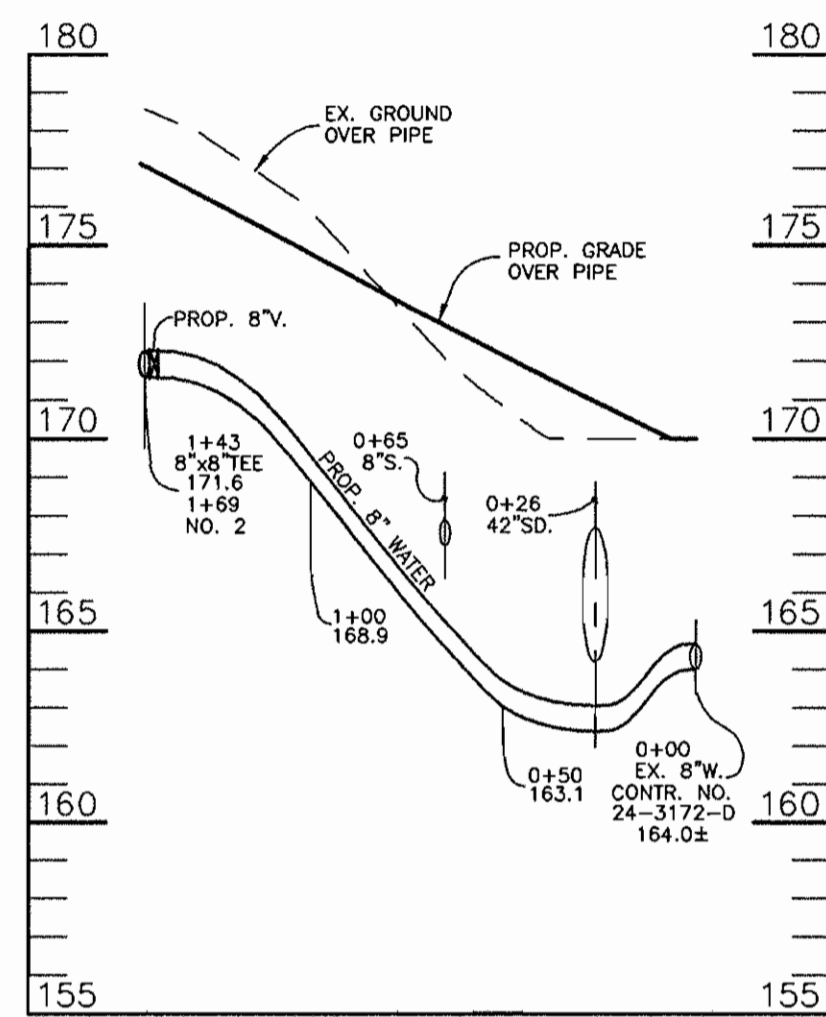
PARCEL: A-4  
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
 SHEET 2 OF 3

ACAD/CBS\FREESTATE\WEIS\WATER

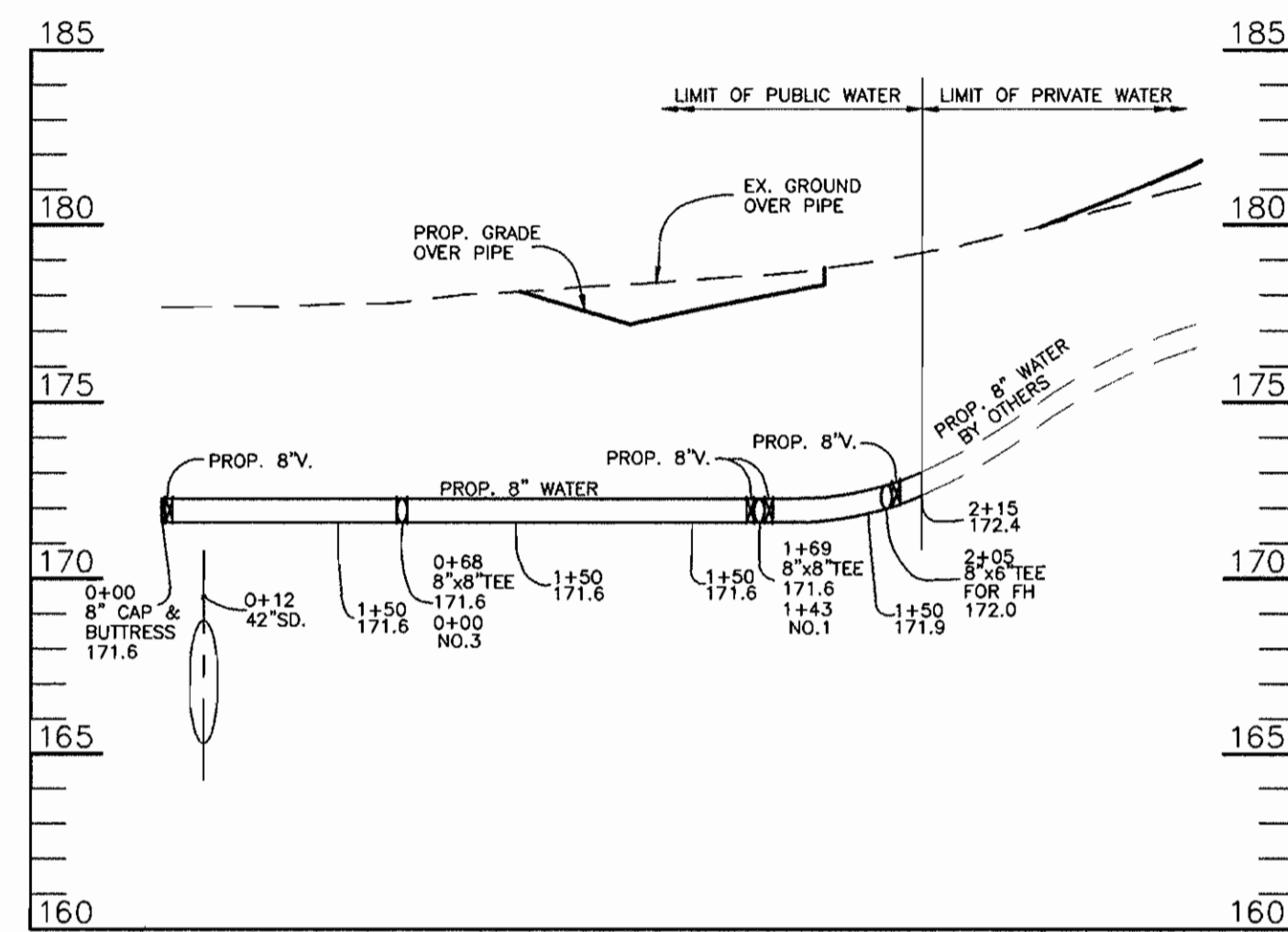
Michael A. Swannick  
 CHIEF, BUREAU OF UTILITIES  
 DATE: 6/22/98

Robert H. Vogel  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE: 6/22/98



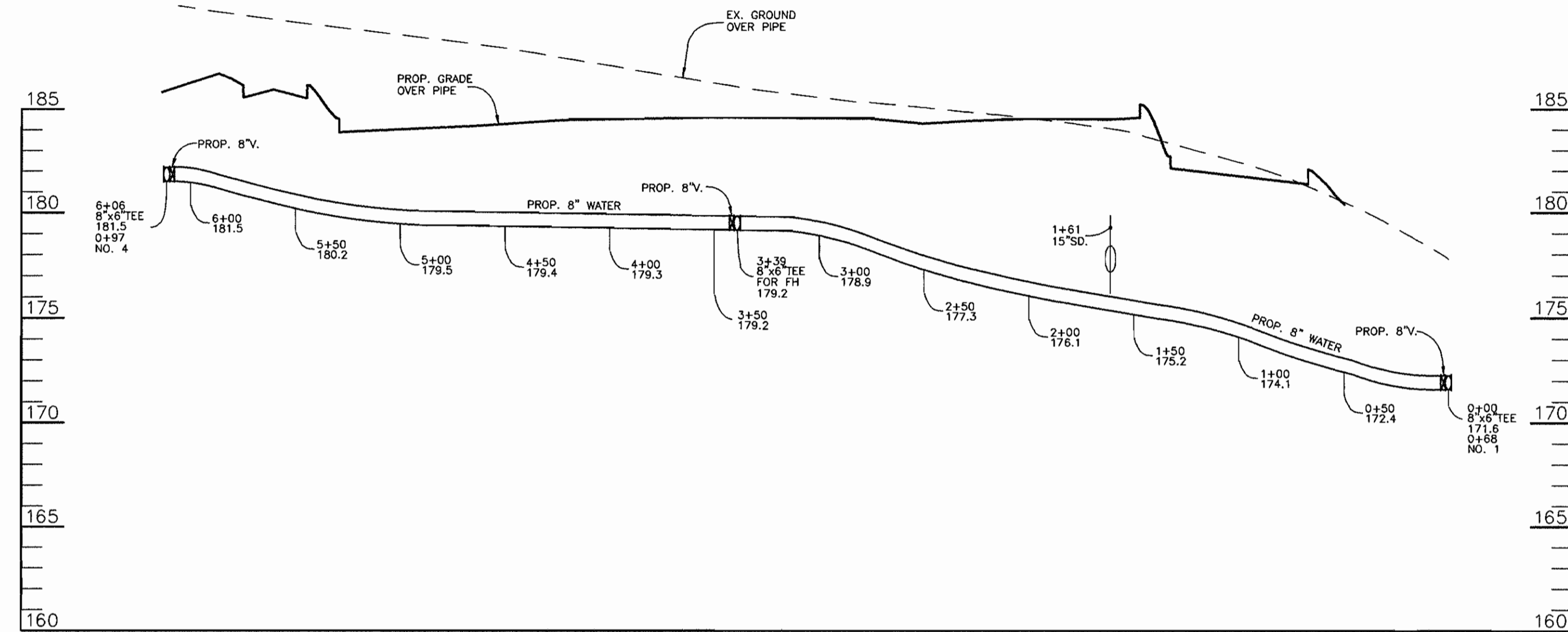
**PROPOSED WATER MAIN NO. 1**

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



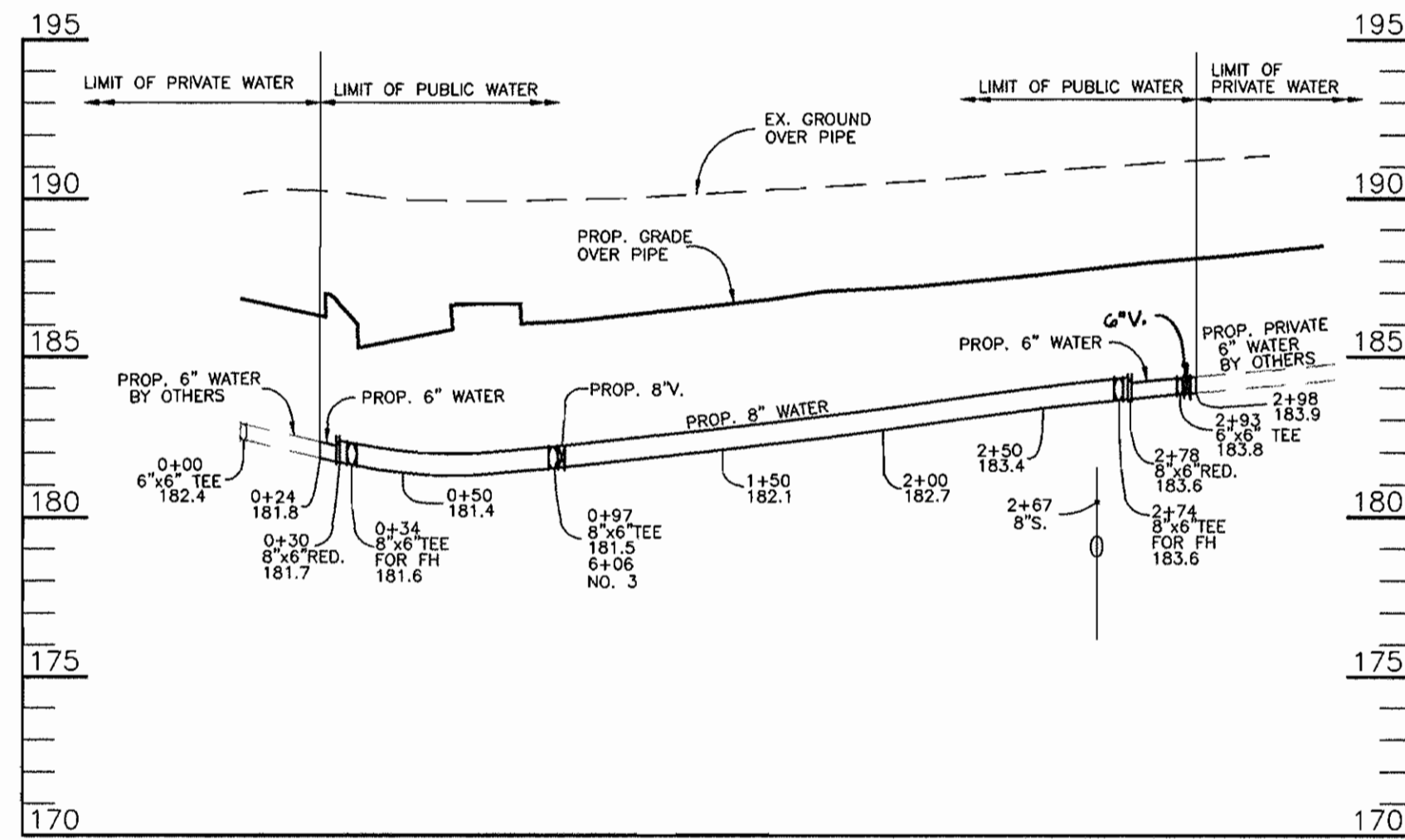
**PROPOSED WATER MAIN NO. 2**

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



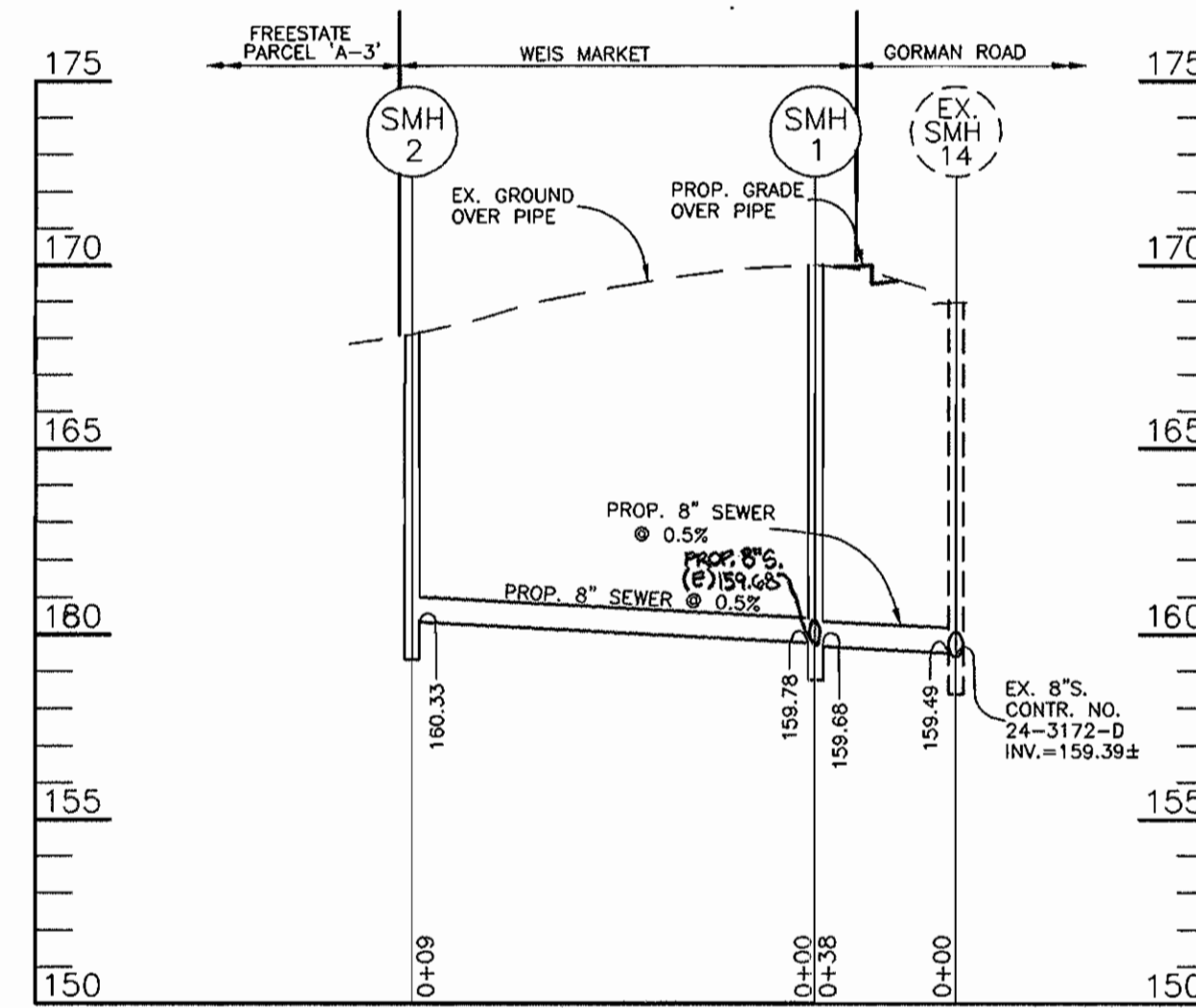
**PROPOSED WATER MAIN NO. 3**

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



**PROPOSED WATER MAIN NO. 4**

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



**PROPOSED 8" SEWER MAIN**

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

SEWER LOCATION CHART		
SMH NO.	TOP ELEV.	LOCATION
1	SET 1' ABOVE EX. GRADE	N. 533,367 E. 1,363,266
2	SET 1' ABOVE EX. GRADE	N. 533,297 E. 1,363,350

A:\CAD\JOBS\FREESTATE\WEIS\WATERS

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

Michael A. Durkin  
CHIEF, BUREAU OF UTILITIES

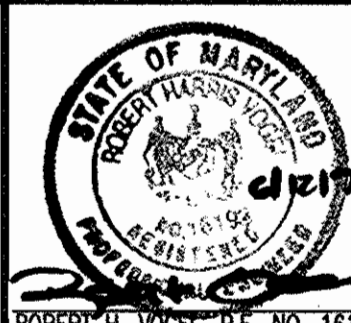
DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND

Robert H. Vogel  
CHIEF, DEVELOPMENT ENGINEERING DIVISION

**VOGEL & ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS - PLANNERS

3891 PARK AVENUE, SUITE 101  
BELLICOITY CITY, MARYLAND 21043

TELEPHONE: (410) 461-5828  
FAX: (410) 466-3868



DES: J.C.O.

DRN: J.C.O.

CHK: R.H.V.

DATE: JUNE, 1998

BY	NO.	REVISION	DATE

**WATER AND SEWER PROFILES**

600' SCALE MAP NO. 47 BLOCK NO. 17

**WEIS MARKET, INC.**  
FREESTATE, PARCEL 'A-4'  
CONTRACT 24-3701-D

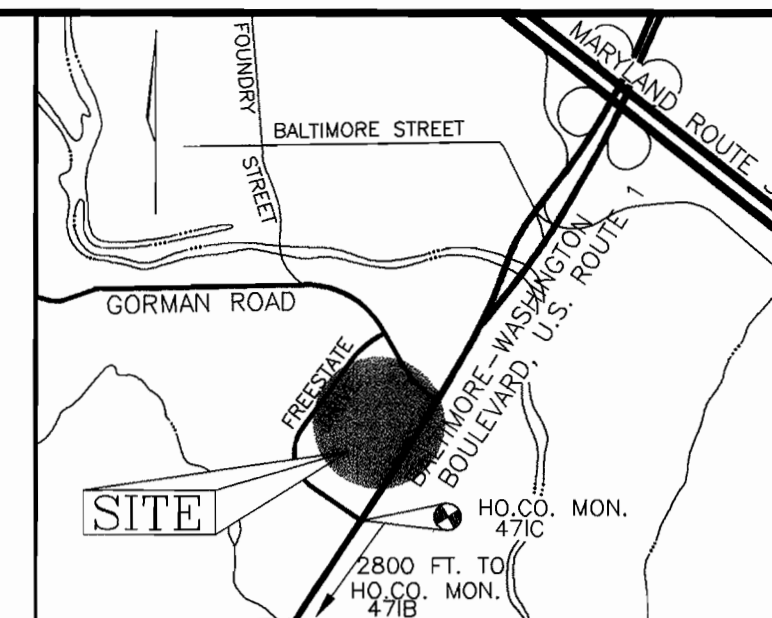
TAX MAP: 47  
6TH ELECTION DISTRICT

PARCEL: A-4  
HOWARD COUNTY, MARYLAND

SCALE  
AS  
SHOWN

SHEET  
3 OF 3

BENCH MARKS  
 471B - HOWARD COUNTY MONUMENT  
 N. 529,701.5793 E. 1,361,469.7579  
 471C - HOWARD COUNTY MONUMENT  
 N. 532,036.8853 E. 1,362,819.0580



VICINITY MAP  
 SCALE: 1"=2000'

# WEIS MARKET, INC. FREESTATE PUBLIC WATER AND SEWER PLANS HOWARD COUNTY, MARYLAND CONTRACT NO. 24-3701-D

GENERAL NOTES

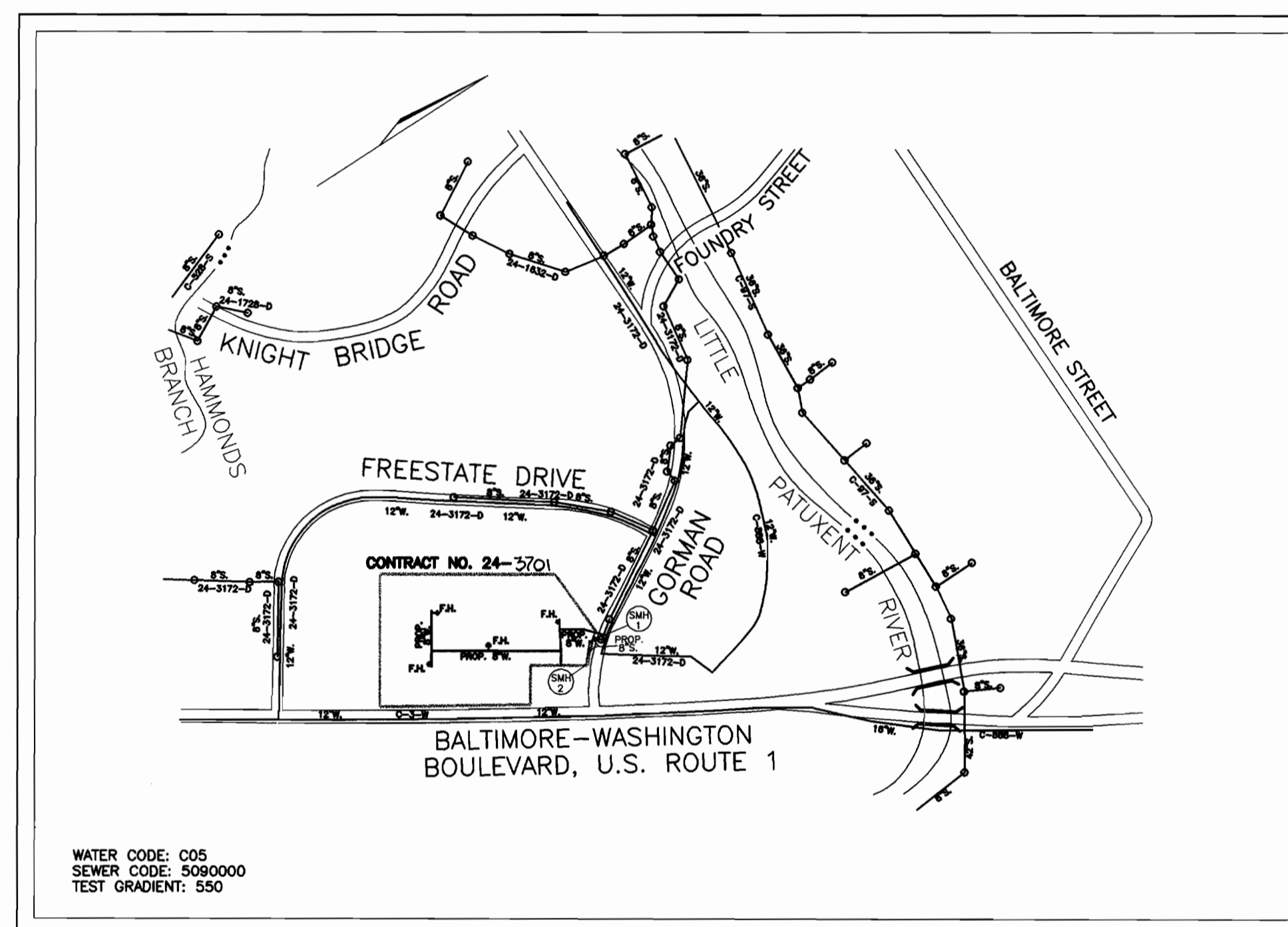
PART III - SEWER

- ALL SEWER MAINS SHALL BE DIP CLASS 52 OR P.V.C. UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL 05-52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1"-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.

PART I

- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTORS EXPENSE.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S DATA.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTRACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
- WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATION OF THE TEST PIT. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN THESE PLANS:  

C. & P. TELEPHONE	597-8585
A.T. & T.	865-3803
STATE HIGHWAY ADMINISTRATION	531-5533
B.G.&E. CO. CONTRACTOR SERVICES	850-4620
B.G.&E. CO. UNDER GROUND DAMAGE CONTROL	787-9088
MISS UTILITY	1-800-257-7777
COLONIAL PIPELINE CO.	795-1390
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	313-4900
BUREAU OF UTILITIES	
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONSTRUCTION OF THE MAIN.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-2450 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER/SEWER MAIN OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(g) OF THE HOWARD COUNTY CODE.



LOCATION PLAN  
 SCALE: 1"=600'

WATER CODE: C05  
 SEWER CODE: 5090000  
 TEST GRADIENT: 550

PART II - WATER

- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-1/2' COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
1" WATER				
MANHOLE	2	2	STD 4	AMERICAST
8" SEWER	147 L.F.	147	P.V.C.	UPONOR ETI
6" VALVE	6	6	GATE	MUELLER
8" VALVE	8	8	GATE	"
6"x6" TEE	1	1	CAST	GRIFFEN
8"x6" TEE	4	4	"	"
8"x8" TEE	2	2	"	"
FIRE HYDRANT	4	3	"	MUELLER
8"x6" REDUCER	2	2	"	GRIFFEN
8" CAP & BUTTRESS	1	1	"	"
6" WATER	101 L.F.	101	D.I.P.	"
8" WATER	1224 L.F.	122	"	"
AS-BUILT				
QUANTITIES				
NAME OF UTILITY CONTRACTOR ORBIT				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE NOV. 20, 1998				

TYPE OF BUILDING:	COMMERCIAL
NO. OF LOTS/PARCELS:	1
NO. OF WATER HOUSE CONNECTIONS:	0
NO. OF SEWER HOUSE CONNECTIONS:	0
DRAINAGE AREA:	LITTLE PATUXENT
TREATMENT PLANT:	PATUXENT

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP 98-113

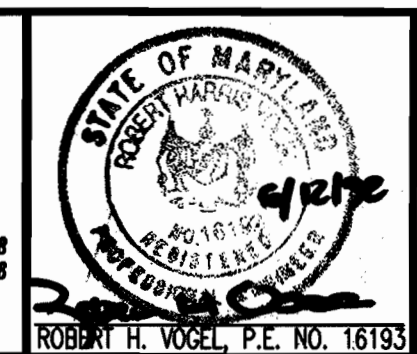
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
*John R. Robertson* 6/23/98  
 SOIL CONSERVATION DISTRICT DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*Caryl Simmons* 6/23/98  
 U.S. SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
*Michael A. Brown* 6/22/98  
 CHIEF, BUREAU OF UTILITIES RMB DATE

DEPARTMENT OF PLANNING & ZONING  
 HOWARD COUNTY, MARYLAND  
*Michael A. Brown* 6/23/98  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

VOGEL & ASSOCIATES, INC.  
 ENGINEERS - SURVEYORS - PLANNERS  
 3801 PARK AVENUE, SUITE 101  
 BELLICOITY CITY, MARYLAND 21043  
 TELEPHONE: (410) 461-5828  
 FAX: (410) 465-3908  
 ROBERT H. VOGEL, P.E. NO. 16193

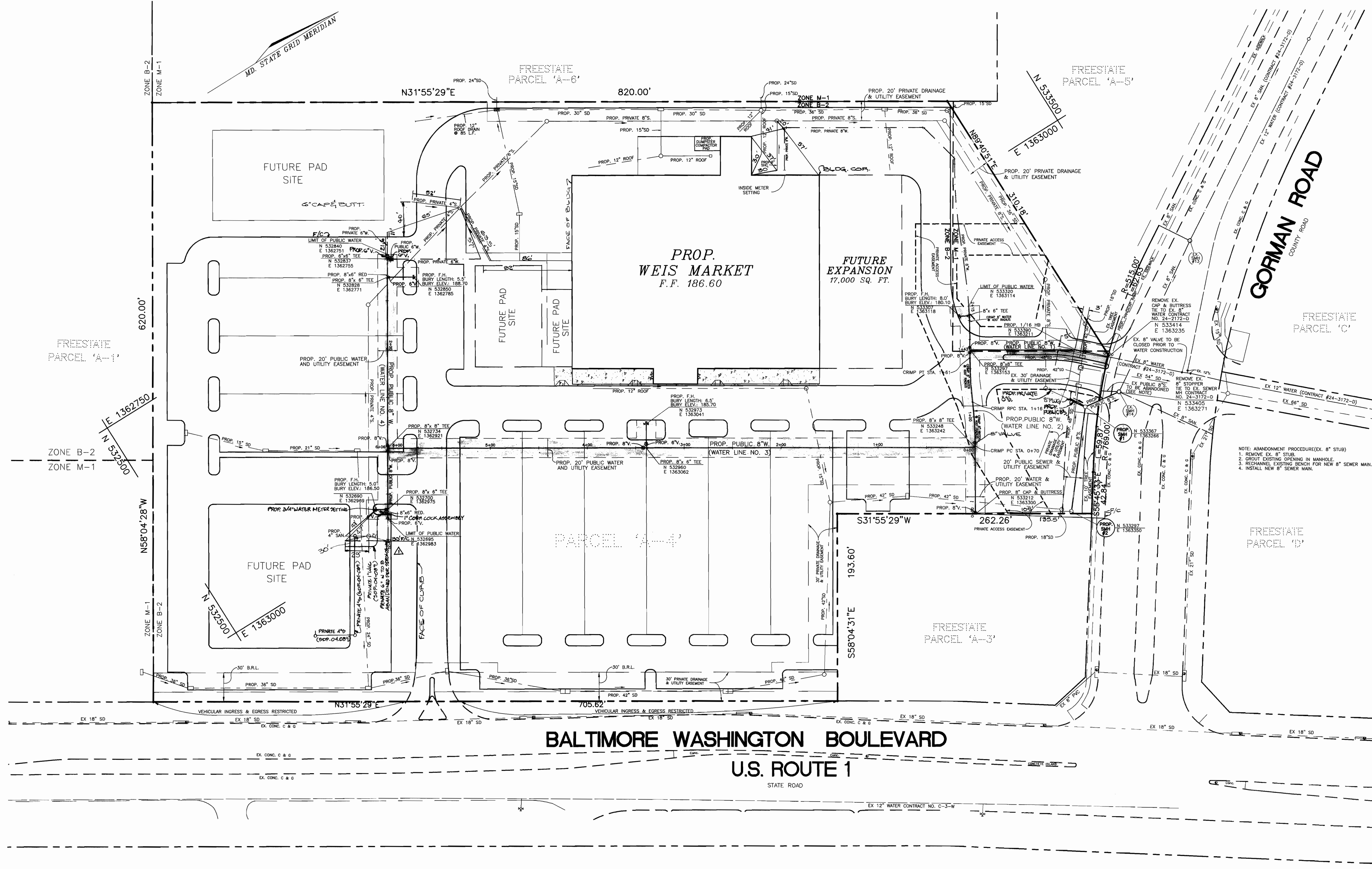


DES: J.C.O.			
DRN: J.C.O.			
CHK: R.H.V.			
DATE: JUNE, 1998			
BY: NO.	APPROVED 1" WATER TO QUANTITIES	7-16-98	
	REVISION	DATE	

600' SCALE MAP NO. 47 BLOCK NO. 17

WATER & SEWER AS-BUILT  
**WEIS MARKET, INC.**  
 FREESTATE, PARCEL 'A-4'  
 CONTRACT 24-3701-D  
 TAX MAP: 47 6TH ELECTION DISTRICT  
 PARCEL: A-4 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
 SHEET 1 OF 3

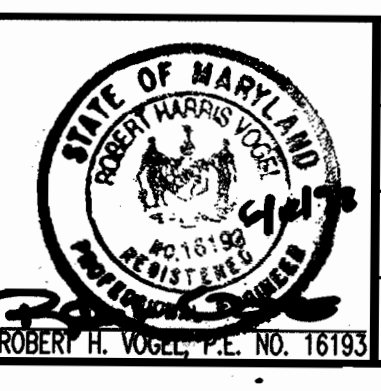


NOTE: ABANDONMENT PROCEDURE (EX. 8" STUB)  
 1. REMOVE EX. 8" STUB  
 2. GROUT EXISTING OPENING IN MANHOLE  
 3. RECHANNE EXISTING BENCH FOR NEW 8" SEWER MAN.  
 4. INSTALL NEW 8" SEWER MAN.

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 Chief, Bureau of Utilities RMB  
 DATE 6/22/98

DEPARTMENT OF PLANNING & ZONING  
 HOWARD COUNTY, MARYLAND  
 Chief, Development Engineering Division  
 DATE

**VOGEL & ASSOCIATES, INC.**  
 ENGINEERS - SURVEYORS - PLANNERS  
 3801 PARK AVENUE, SUITE 101  
 BELTSVILLE CITY, MARYLAND 21048  
 TELEPHONE: (410) 461-6828  
 FAX: (410) 465-3808



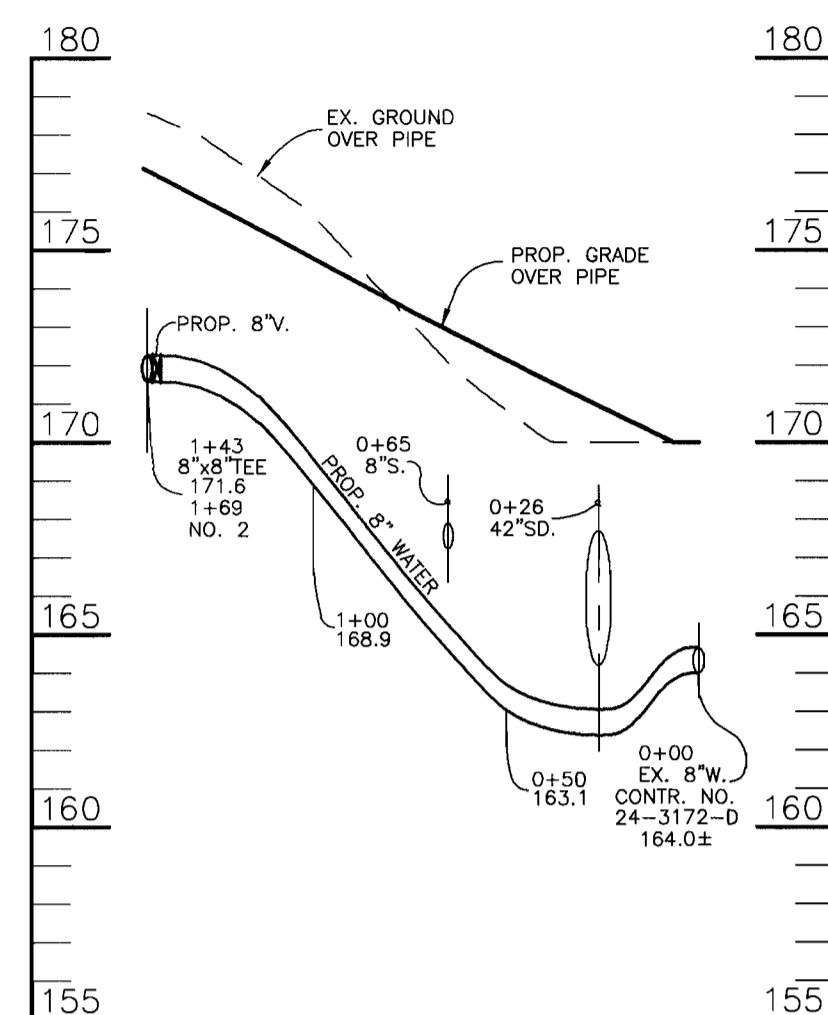
DES:	J.C.O.				
DRN:	J.C.O.				
CHK:	R.H.V.				
DATE:	JUNE, 1998	BY:	NO.	REVISION	DATE
				ADDED PRIVATE SEWER 1" WATER & LABELED 0.2" W TO BE ABANDONED PER SPP-01-089	1-16-04

**WATER AND SEWER PLAN**  
 600' SCALE MAP NO. 47 BLOCK NO. 17

**WEIS MARKET, INC.**  
 FREESTATE, PARCEL 'A-4'  
 CONTRACT NO. 24-3701-D  
 TAX MAP: 47 6TH ELECTION DISTRICT  
 PARCEL: A-4 HOWARD COUNTY, MARYLAND

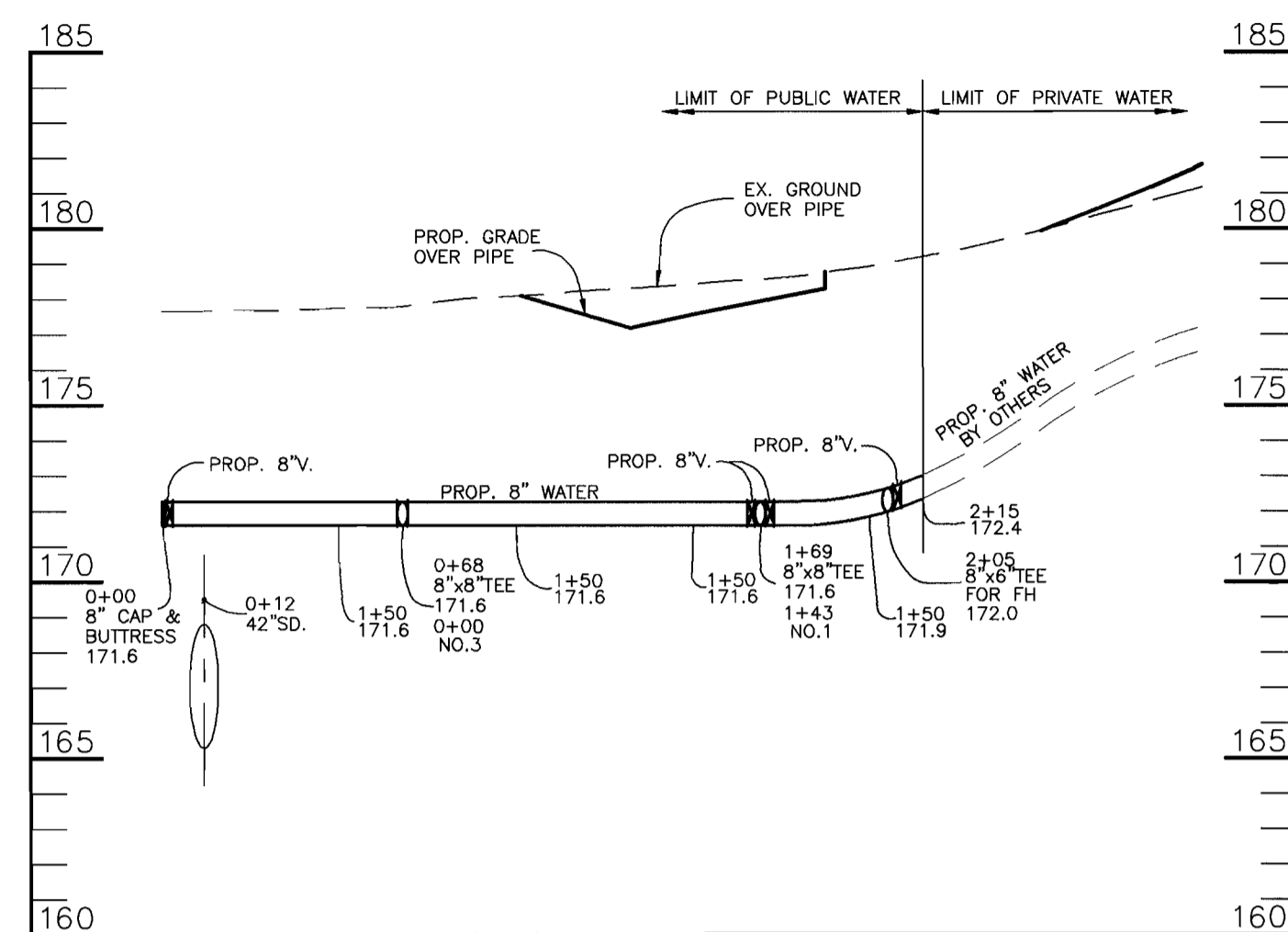
SCALE AS SHOWN  
 SHEET 2 OF 3

ACAD/DWG, FREESTATE/WEIS/WATER



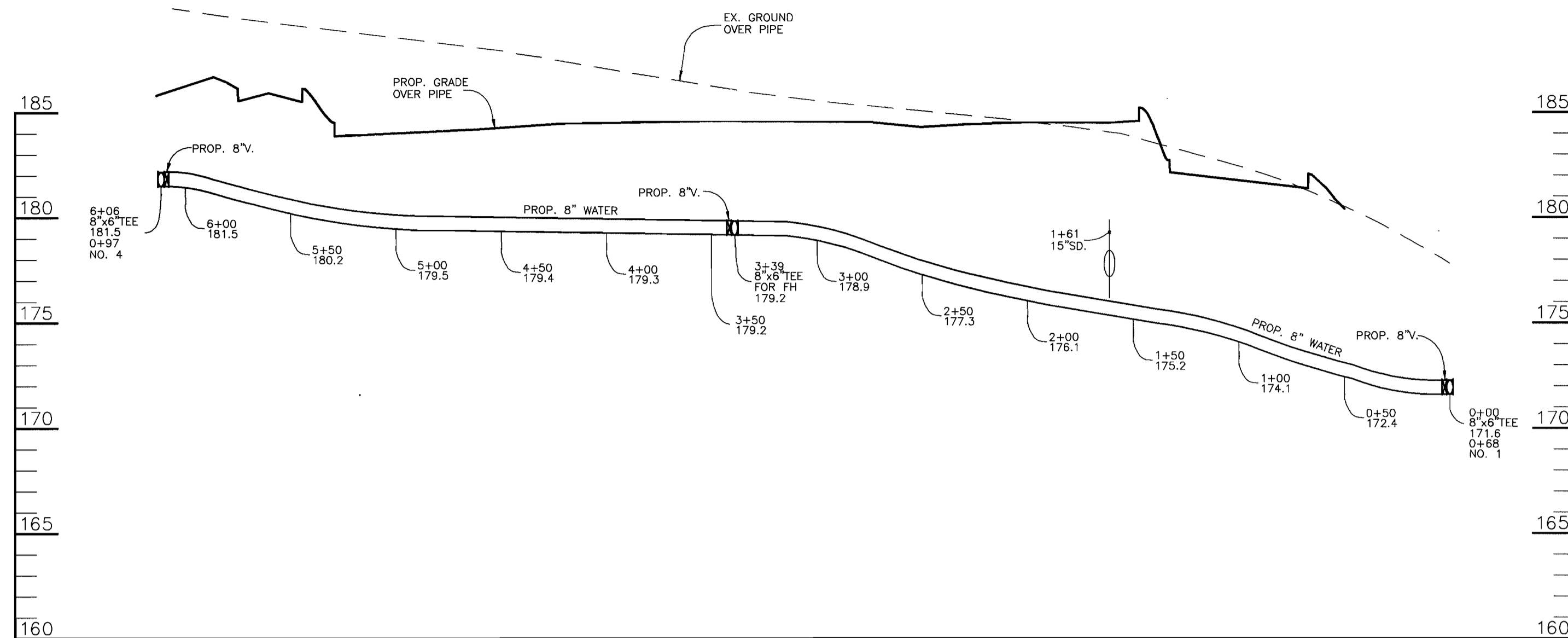
**PROPOSED WATER MAIN NO. 1**

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



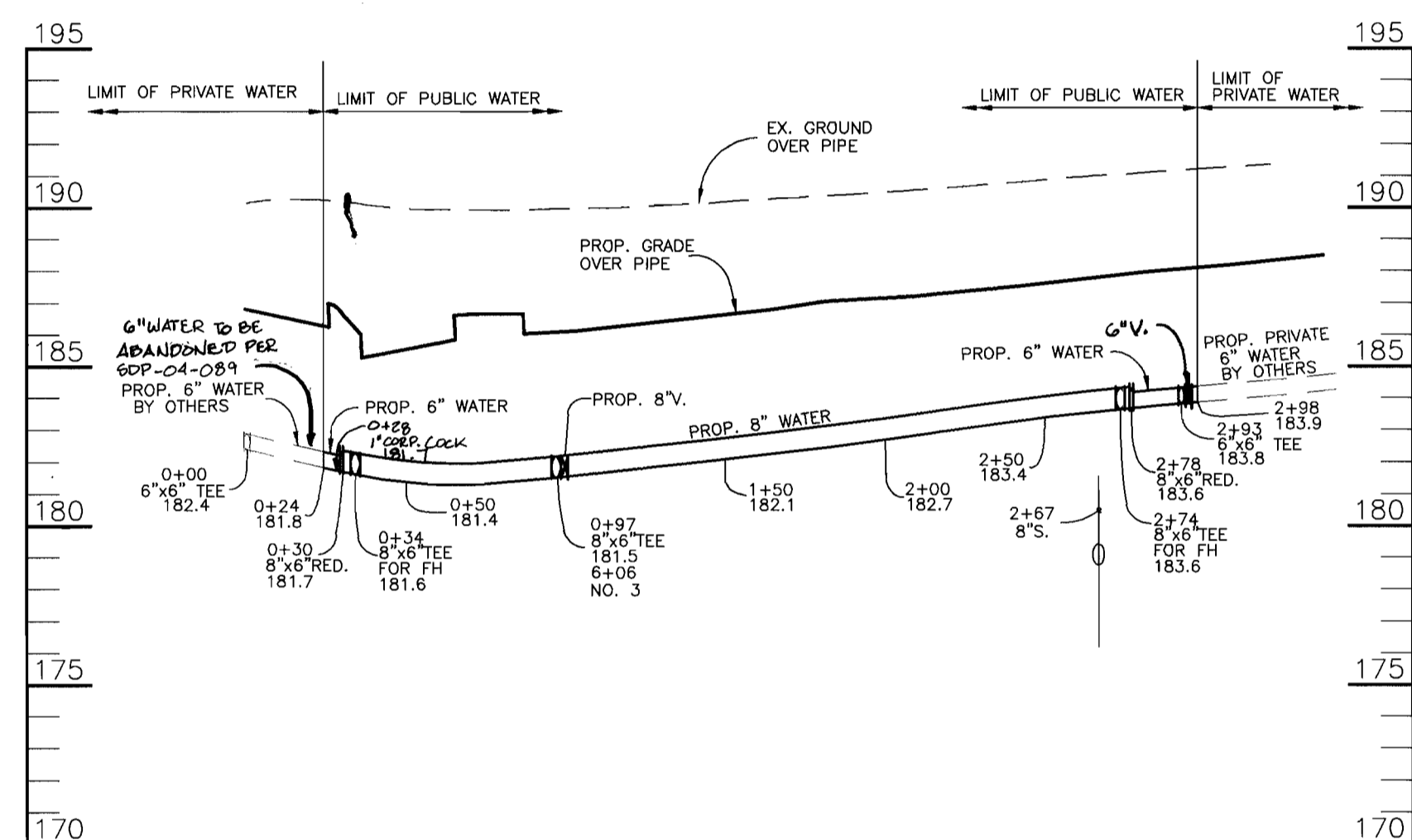
**PROPOSED WATER MAIN NO. 2**

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



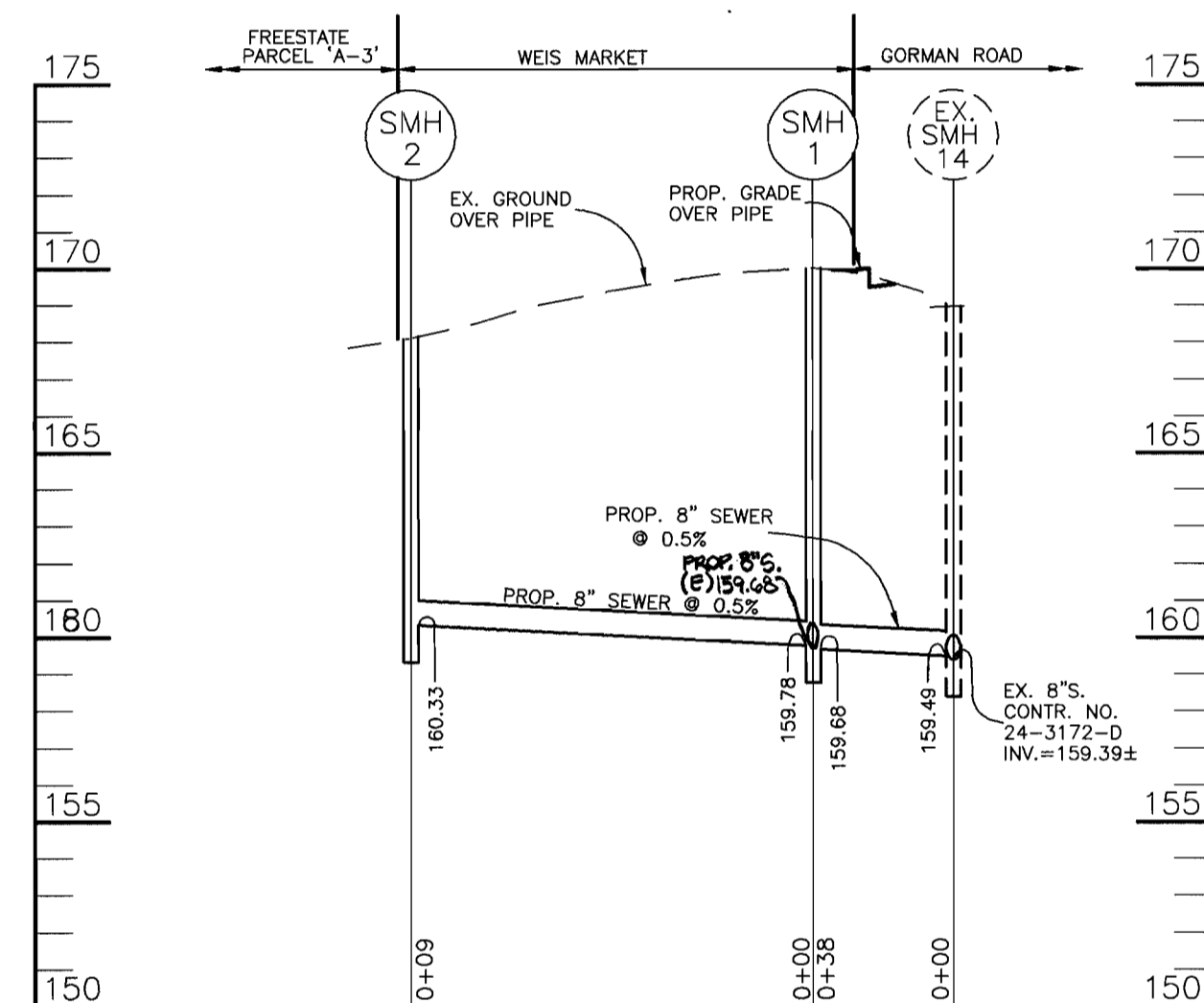
**PROPOSED WATER MAIN NO. 3**

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



**PROPOSED WATER MAIN NO. 4**

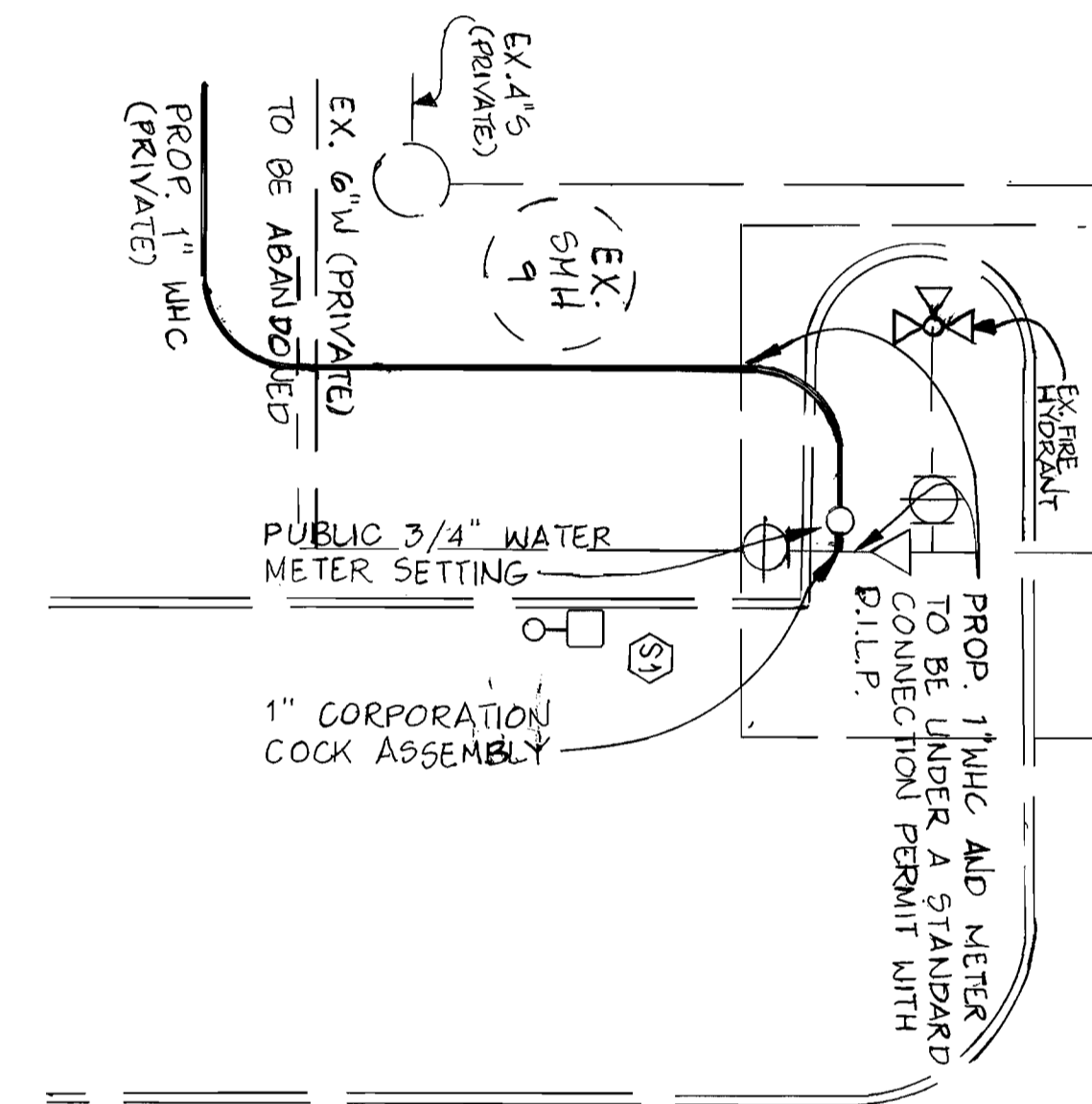
SCALE: HORI.: 1"=50'  
VERT.: 1"=5'



**PROPOSED 8" SEWER MAIN**

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

SEWER LOCATION CHART		
SMH NO.	TOP ELEV.	LOCATION
1	SET 1' ABOVE EX. GRADE	N. 533,367 E. 1,363,266
2	SET 1' ABOVE EX. GRADE	N. 533,297 E. 1,363,350



**CHEVY CHASE BANK WATER CONNECTION**

SCALE: 1"=10'

A:\CAD\BOS\FREESTATE\WEIS\WATER3

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND  <i>Michael A. Durando</i> CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND  <i>Robert H. Vogel</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	<b>VOGEL &amp; ASSOCIATES, INC.</b> ENGINEERS - SURVEYORS - PLANNERS  5891 PARK AVENUE, SUITE 101 BELLGATE CITY, MARYLAND 21048  TELEPHONE: (410) 461-5828 FAX: (410) 465-5866		DES: J.C.O. DRN: J.C.O. CHK: R.H.V. DATE: JUNE, 1998	PHRA BY NO. _____ REVISION _____ DATE: 7-16-04	<b>WATER AND SEWER PROFILES</b>  600' SCALE MAP NO. 47 BLOCK NO. 17	<b>WEIS MARKET, INC.</b> FREESTATE, PARCEL 'A-4' CONTRACT 24-3701-D  TAX MAP: 47 6TH ELECTION DISTRICT  PARCEL: A-4 HOWARD COUNTY, MARYLAND	SCALE AS SHOWN  SHEET 3 OF 3
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