

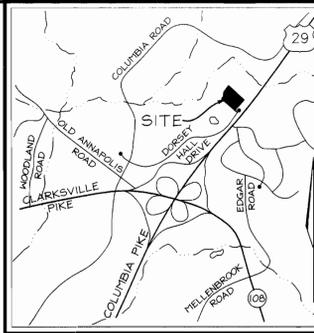
QUANTITIES				
NAME OF UTILITY CONTRACTOR :				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE :				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
MANHOLE	3	3	PRECAST	ATLANTIC PRECAST
6" SEWER	20 LF	19 L.F.	SDR-35	J.M. MUNICIPAL & CONTR. SALES
8" SEWER	342 LF	342 L.F.	" "	" " " " " "
8" VALVE	3	3	CLASS "B"	KENNEDY/ " " " "
8"X8" TEE	1	1	" "	" " " " " "
FIRE HYDRANT	2	2	K-81/CLASS "B"	KENNEDY/ " " " "
12"X8" TSV	1	N/A	" "	" " " " " "
8" CAP & BUTTRESS	2	1	" "	" " " " " "
8" WATER	418 LF	398	DIP 1/2-52	GRIFFIN'S
1/16 HB	1	N/A	" "	" " " " " "
1/8 HB	2	4	" "	" " " " " "

# SELBORNE HOUSE OF DORSEY HALL

## HOWARD COUNTY, MARYLAND

### CONTRACT NO. 24-3769-D

**BENCHMARKS**  
 R/W MONUMENT  
 REBAR # CAP  
 NW SIDE OF DORSEY HALL DR. CUL-DE-SAC  
 ELEV. 361.36  
 R/W MONUMENT  
 REBAR # CAP  
 NE SIDE OF DORSEY HALL DR. CUL-DE-SAC  
 ELEV. 361.41

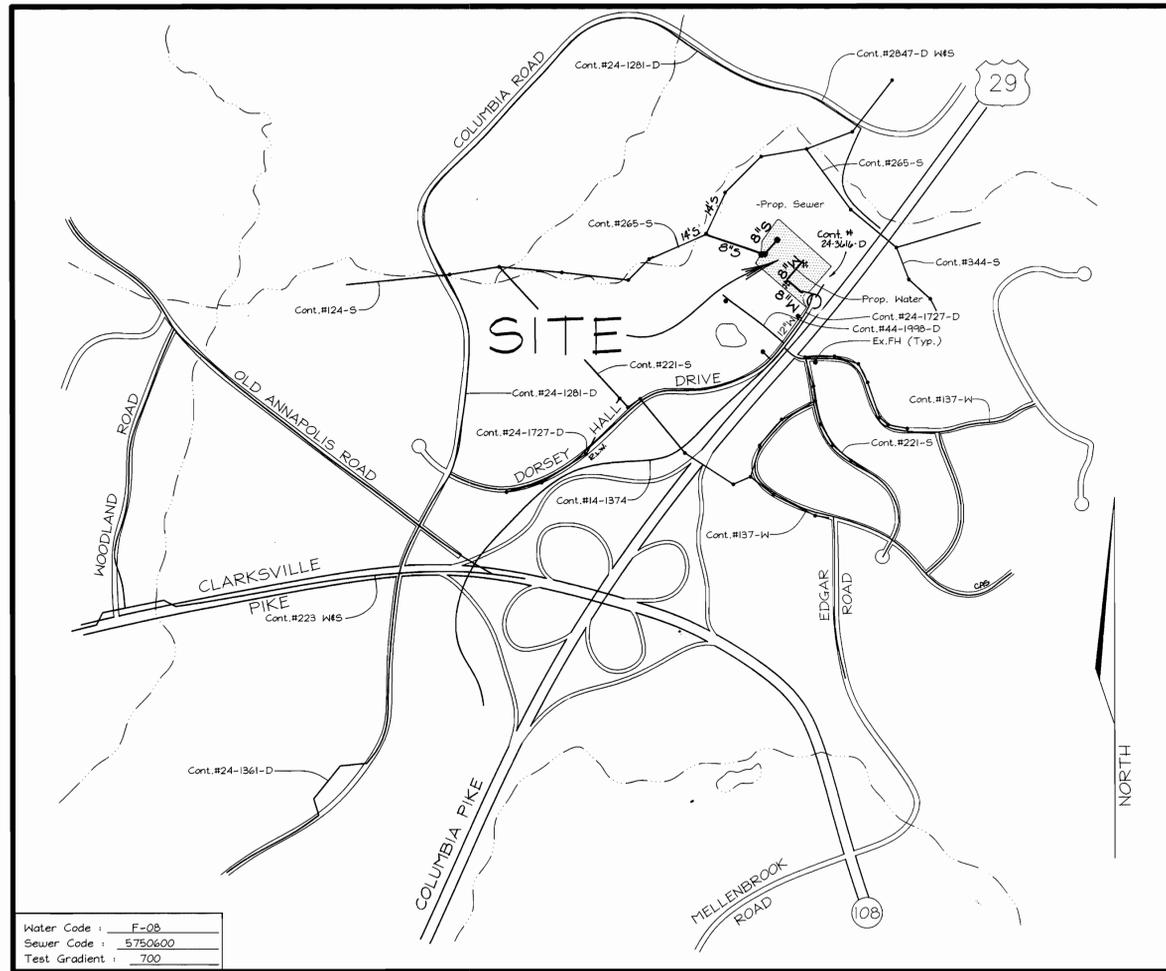


VICINITY MAP  
SCALE: 1"=2000'

**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 CONTACTED 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 DRAWING. 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	787-9068
MISS UTILITY	1-800-257-7777
COLONIAL PIPELINE CO.	795-1390
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	313-4900
  - 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 OR 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(a) OF THE HOWARD COUNTY CODE.



Water Code : F-08  
 Sewer Code : 5750600  
 Test Gradient : 700

TYPE OF BUILDING:	COMMERCIAL
NO. OF LOTS/PARCELS:	2
NO. OF WATER HOUSE CONNECTIONS:	2
NO. OF SEWER HOUSE CONNECTIONS:	2
DRAINAGE AREA:	LITTLE PATUXENT
TREATMENT PLANT:	PATUXENT

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

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP 99-072

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

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

*[Signature]*  
SOIL CONSERVATION DISTRICT

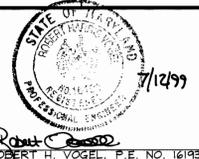
*[Signature]*  
DATE: 7/19/99  
U.S. SOIL CONSERVATION DISTRICT

**OWNER/DEVELOPER**  
 SELBORNE-DORSEY  
 LIMITED PARTNERSHIP  
 C/O ORCHARD DEVELOPMENT  
 3979 OLD COLUMBIA PIKE  
 ELLICOTT CITY, MARYLAND 21043  
 PHONE : 410-760-1800  
 ATTN : SCOTT ARMIGER

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING  
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



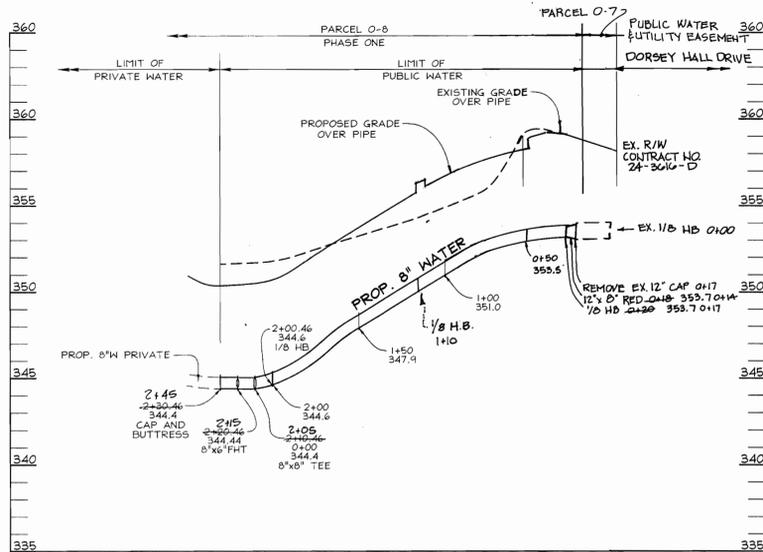
DES:	GAH/PS			
DRN:	PS/GH			
CHK:	GAH	KCI 3	AS BUILT CONDITIONS ADDED TO PLAN	01/01/00
		RLP 2	Rev. Connection to Existing Sewer	11-29-99
		RLP 1	Revise Connection to Existing Water	9-27-99
DATE:	July, 1999	BY NO.	REVISION	DATE

TITLE SHEET

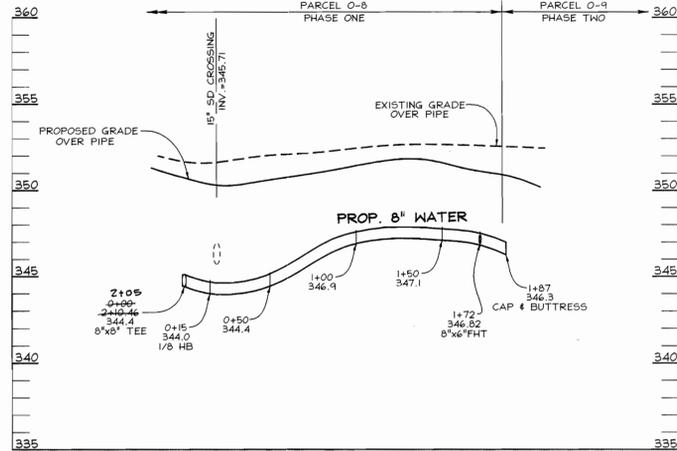
600' SCALE MAP NO. 30 BLOCK NO. 17

**SELBORNE HOUSE  
OF DORSEY HALL**  
 PHASE ONE (PARCELS 0-8 AND 0-9)  
**CONTRACT No. 24-3769-D**  
 TAX MAP #30 PARCELS 0-8 AND 0-9  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

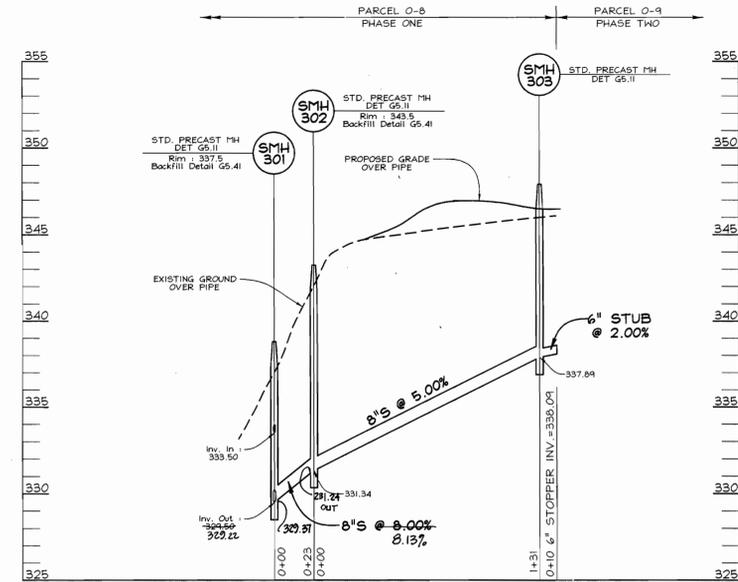
SCALE AS SHOWN  
SHEET 1 OF 1



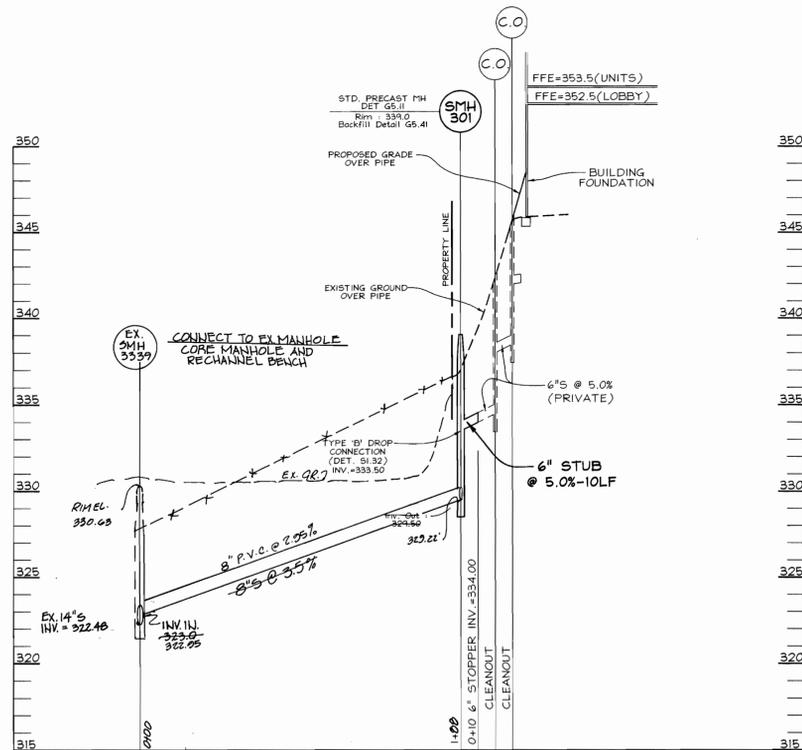
**WATER PROFILES**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



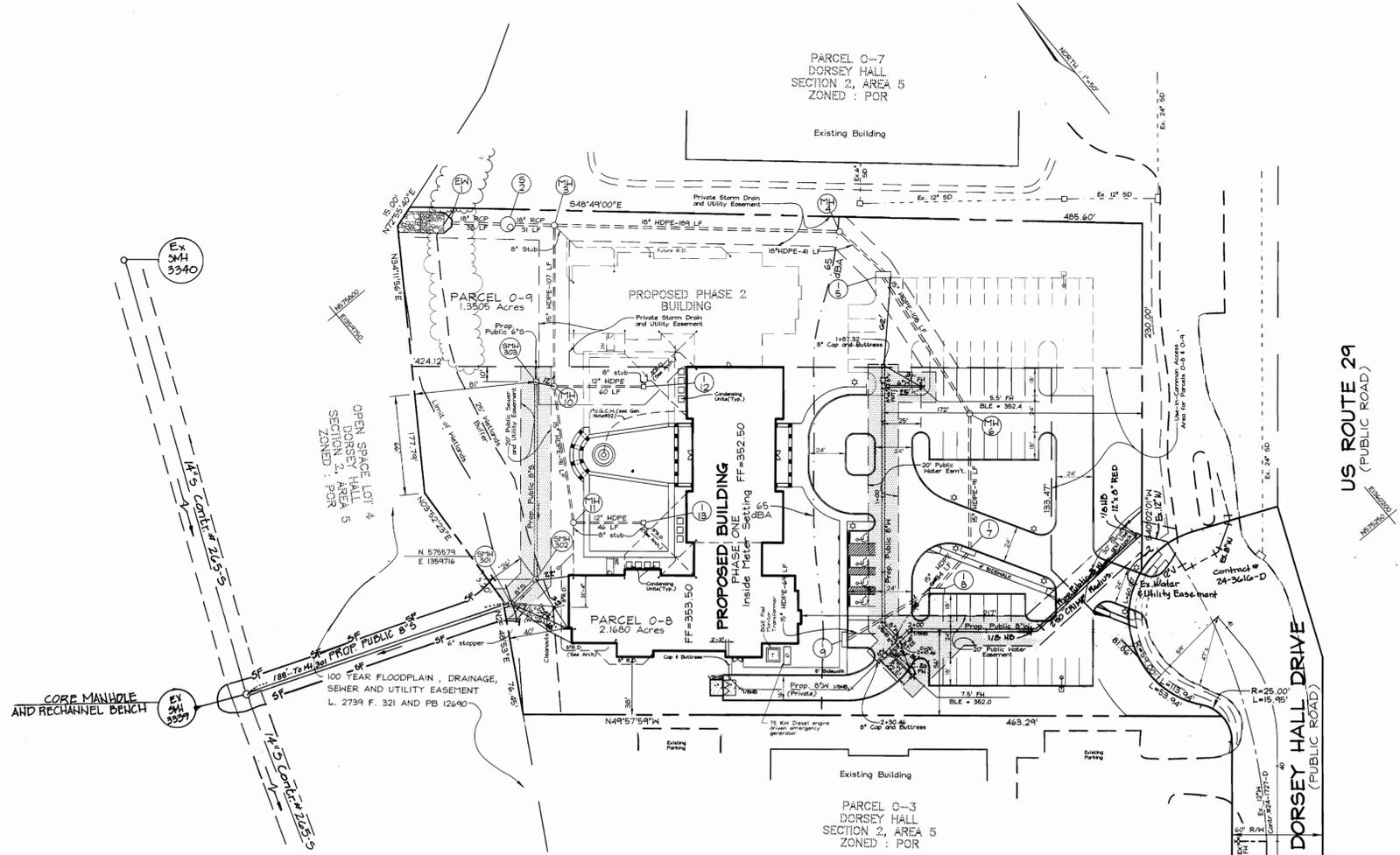
**WATER PROFILES**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**SEWER PROFILE**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**SEWER PROFILE**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**PLAN VIEW**  
SCALE: 1"=50'

**OWNER/DEVELOPER**  
SELBORNE-DORSEY  
LIMITED PARTNERSHIP  
C/O ORCHARD DEVELOPMENT  
3979 OLD COLUMBIA PIKE  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-750-1800  
ATTN: SCOTT ARMIGER

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP 99-072

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

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

SOIL CONSERVATION DISTRICT DATE

U.S. SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND

**VOGEL & ASSOCIATES**  
ENGINEERS-SURVEYORS-PLANNERS  
3891 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.481.5828 Fax 410.485.3966



DES: GAH/PS  
DRN: PS/GH  
CHK: GAH

DATE: July, 1999

REVISION

BY NO. REVISION DATE

**WATER AND SEWER  
PLAN AND PROFILES**

600' SCALE MAP NO. 30 BLOCK NO. 17

**SELBORNE HOUSE OF  
DORSEY HALL**

PARCELS O-8 AND O-9  
(A RESUBDIVISION OF PARCEL O-6)

**CONTRACT No. 24-3769-D**  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE  
AS  
SHOWN

SHEET  
2 OF 2

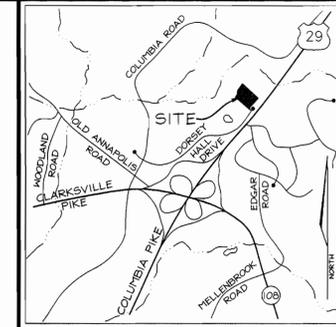
# SELBORNE HOUSE OF DORSEY HALL

## HOWARD COUNTY, MARYLAND

### CONTRACT NO. 24-3769-D

QUANTITIES				
NAME OF UTILITY CONTRACTOR :				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE :				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
MANHOLE	3			
6" SEWER	20 LF			
8" SEWER	314 LF			
8" VALVE	3			
8"x8" TEE	1			
FIRE HYDRANT	2			
12"x8" TS4V	1			
8" CAP & BUTTRESS	2			
8" WATER	418 LF			
1/16 HB	1			
1/8 HB	2			
TYPE 'B' DROP CONN	1			

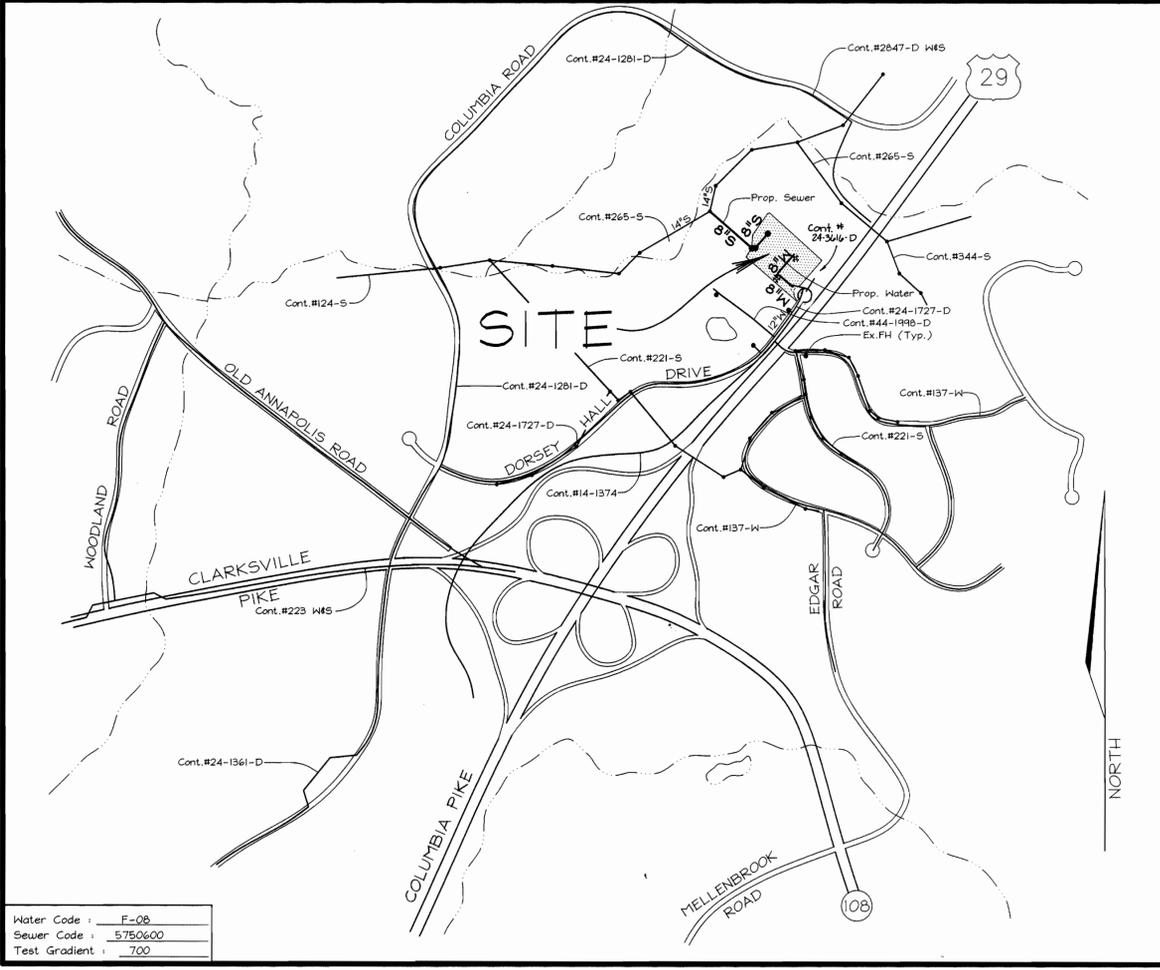
BENCHMARKS	
R/W MONUMENT	
REBAR # CAP	NW SIDE OF DORSEY HALL DR. CUL-DE-SAC
	ELEV. 361.36
R/W MONUMENT	
REBAR # CAP	NE SIDE OF DORSEY HALL DR. CUL-DE-SAC
	ELEV. 361.41



#### GENERAL NOTES

- PART I**
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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	787-9068
MISS UTILITY	1-800-257-7777
COLONIAL PIPELINE CO.	795-1590
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	313-4900
BUREAU OF UTILITIES	
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Water Code :	F-08
Sewer Code :	5750600
Test Gradient :	.700

TYPE OF BUILDING:	COMMERCIAL
NO. OF LOTS/PARCELS:	2
NO. OF WATER HOUSE CONNECTIONS:	2
NO. OF SEWER HOUSE CONNECTIONS:	2
DRAINAGE AREA:	LITTLE PATUXENT
TREATMENT PLANT:	PATUXENT

#### LOCATION PLAN

SCALE : 1"=600'

#### 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 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.

#### 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 G6.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 18" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.

#### OWNER/DEVELOPER

SELBORNE-DORSEY LIMITED PARTNERSHIP  
C/O ORCHARD DEVELOPMENT  
3979 OLD COLUMBIA PIKE  
ELLICOTT CITY, MARYLAND 21043  
PHONE : 410-750-1800  
ATTN. : SCOTT ARNIGER

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 214 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP 99-072

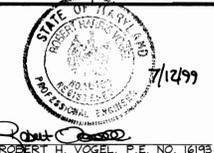
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

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

*[Signatures]*  
SOIL CONSERVATION DISTRICT      U.S. SOIL CONSERVATION DISTRICT      DATE: 7/19/99

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND



DES: GAH/PS			
DRN: PS/GH			
CHK: GAH			
DATE: July, 1999	RLP 1	Revise Connection to Existing Water	7-27-99
	BY NO.	REVISION	DATE

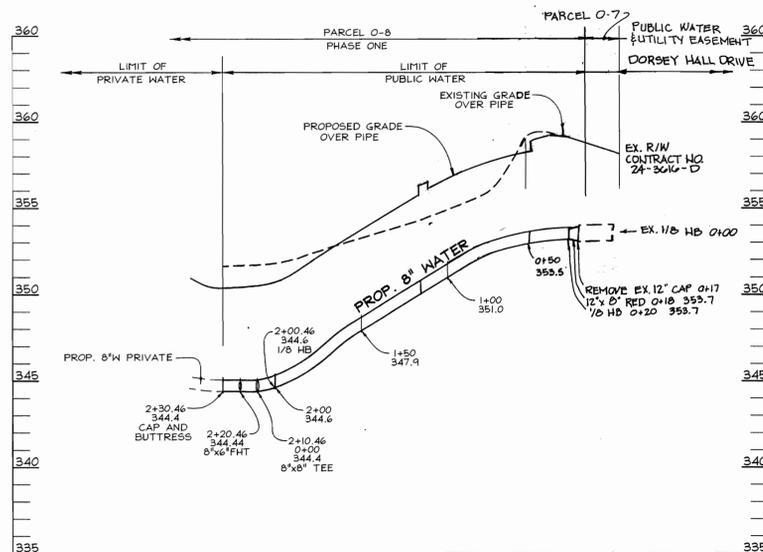
TITLE SHEET

600' SCALE MAP NO. 30 BLOCK NO. 17

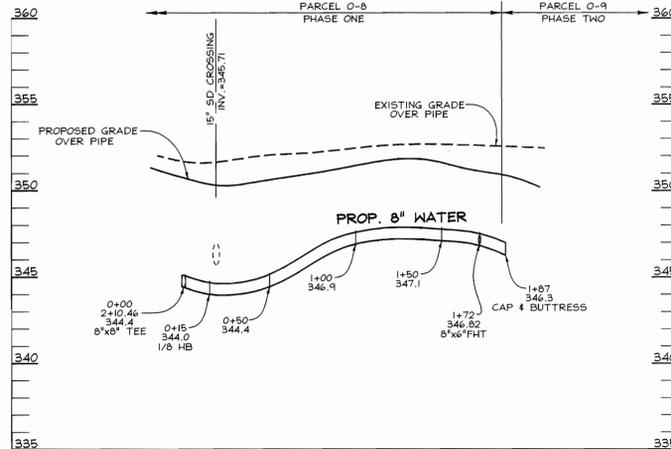
**SELBORNE HOUSE  
OF DORSEY HALL**  
PHASE ONE (PARCELS 0-8 AND 0-9)  
CONTRACT No. 24-3769-D

TAX MAP #30      PARCELS 0-8 AND 0-9  
2ND ELECTION DISTRICT      HOWARD COUNTY, MARYLAND

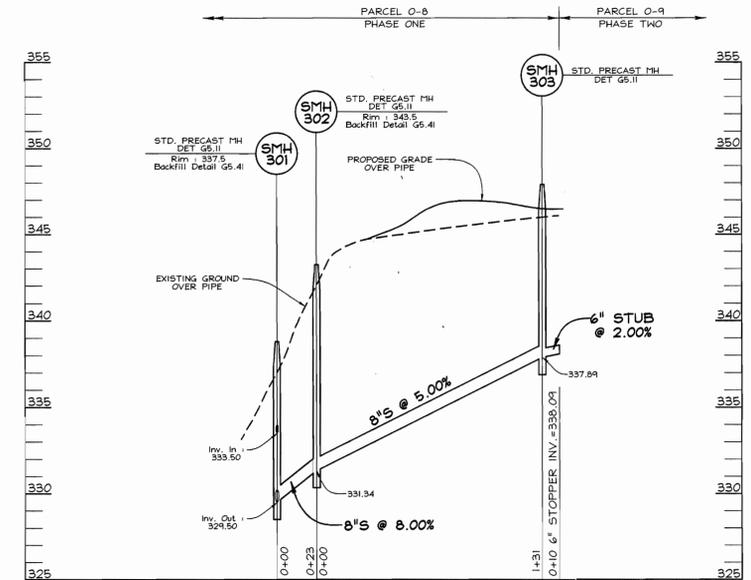
SCALE AS SHOWN  
SHEET 1 OF 2



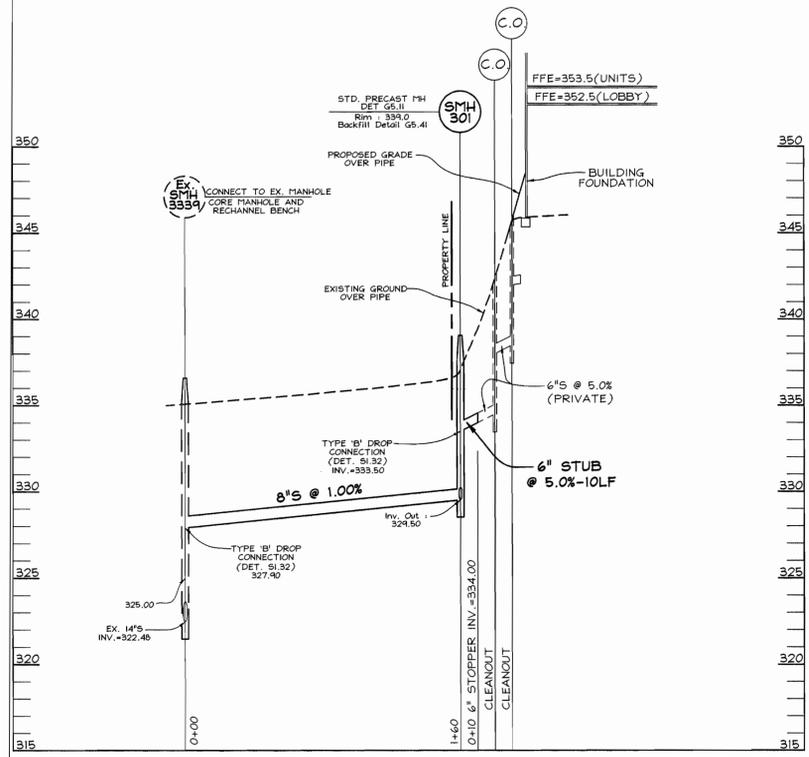
**WATER PROFILES**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



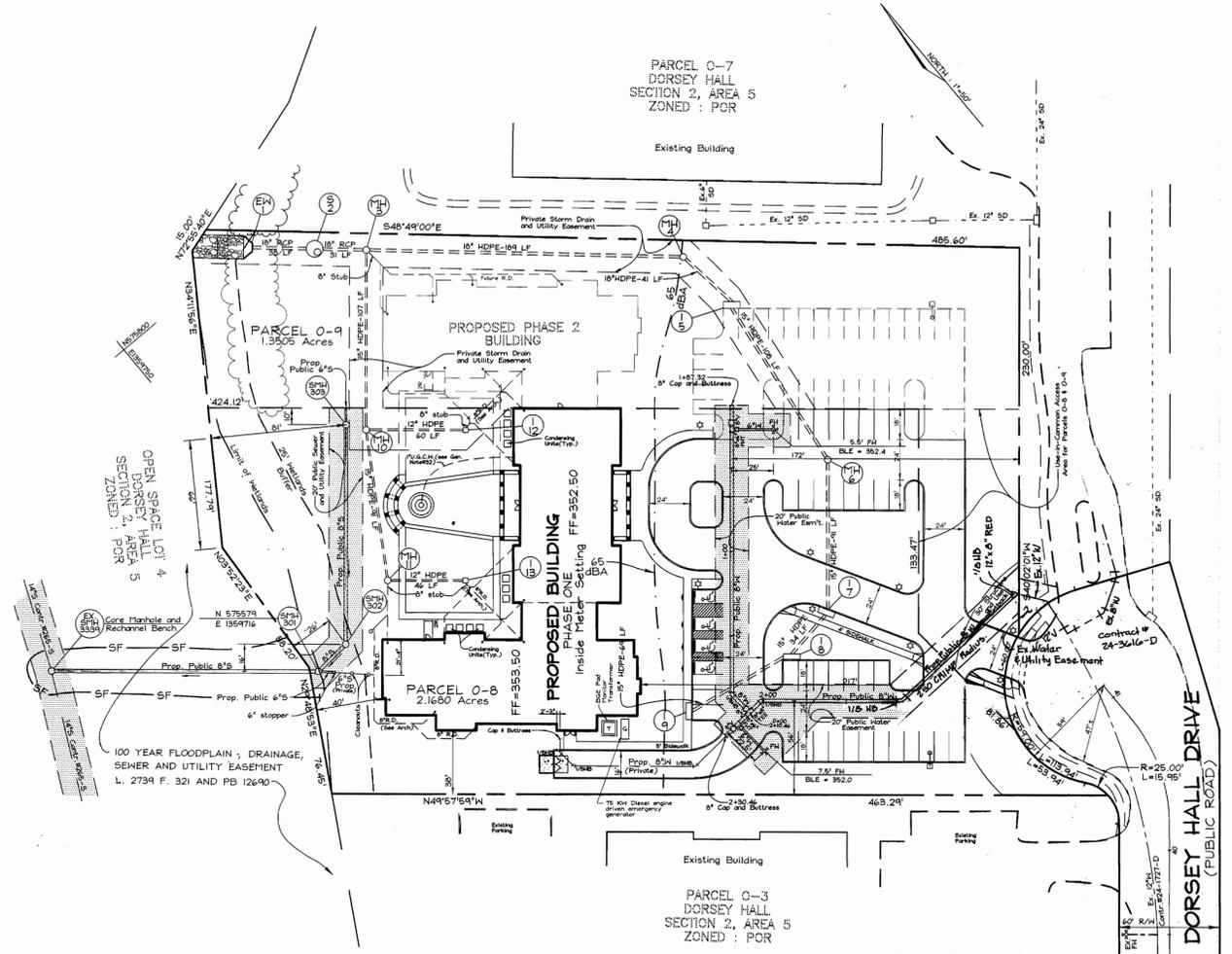
**WATER PROFILES**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**SEWER PROFILE**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**SEWER PROFILE**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**PLAN VIEW**  
SCALE: 1"=50'

**OWNER/DEVELOPER**  
SELBORNE-DORSEY  
LIMITED PARTNERSHIP  
C/O ORCHARD DEVELOPMENT  
3979 OLD COLUMBIA PIKE  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-750-1800  
ATTN: SCOTT ARMIGER

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP 99-072

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

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

SOIL CONSERVATION DISTRICT DATE: 7/15/99

U.S. SOIL CONSERVATION DISTRICT DATE: 7/22/99

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

Robert Seaman  
7-15-99  
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND

Robert H. Vogel  
7/22/99  
CHIEF, DEVELOPMENT ENGINEERING DIVISION

**VOGEL & ASSOCIATES**  
ENGINEERS-SURVEYORS-PLANNERS

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
Tel 410.461.5828 Fax 410.465.3966

STATE OF MARYLAND  
ROBERT H. VOGEL, P.E. NO. 16193

DES: GAH/PS			
DRN: PS/GH			
CHK: GAH			
DATE: July, 1999	RLP 1	Revise Connection to Existing Water	7-17-99
	BY NO.	REVISION	DATE

**WATER AND SEWER  
PLAN AND PROFILES**

600' SCALE MAP NO. 30 BLOCK NO. 17

**SELBORNE HOUSE OF  
DORSEY HALL**  
PARCELS O-8 AND O-9  
(A RESUBDIVISION OF PARCEL O-6)

**CONTRACT No. 24-3769-D**  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 2 OF 2

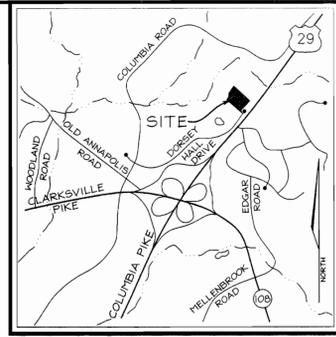
QUANTITIES				
NAME OF UTILITY CONTRACTOR :				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE :				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
MANHOLE	3			
6" SEWER	20 LF			
8" SEWER	342 LF			
8" VALVE	3			
8"x8" TEE	1			
FIRE HYDRANT	2			
12"x8" TS&V	1			
8" CAP & BUTTRESS	2			
8" WATER	418 LF			
1/16 HB	1			
1/8 HB	2			

# SELBORNE HOUSE OF DORSEY HALL

## HOWARD COUNTY, MARYLAND

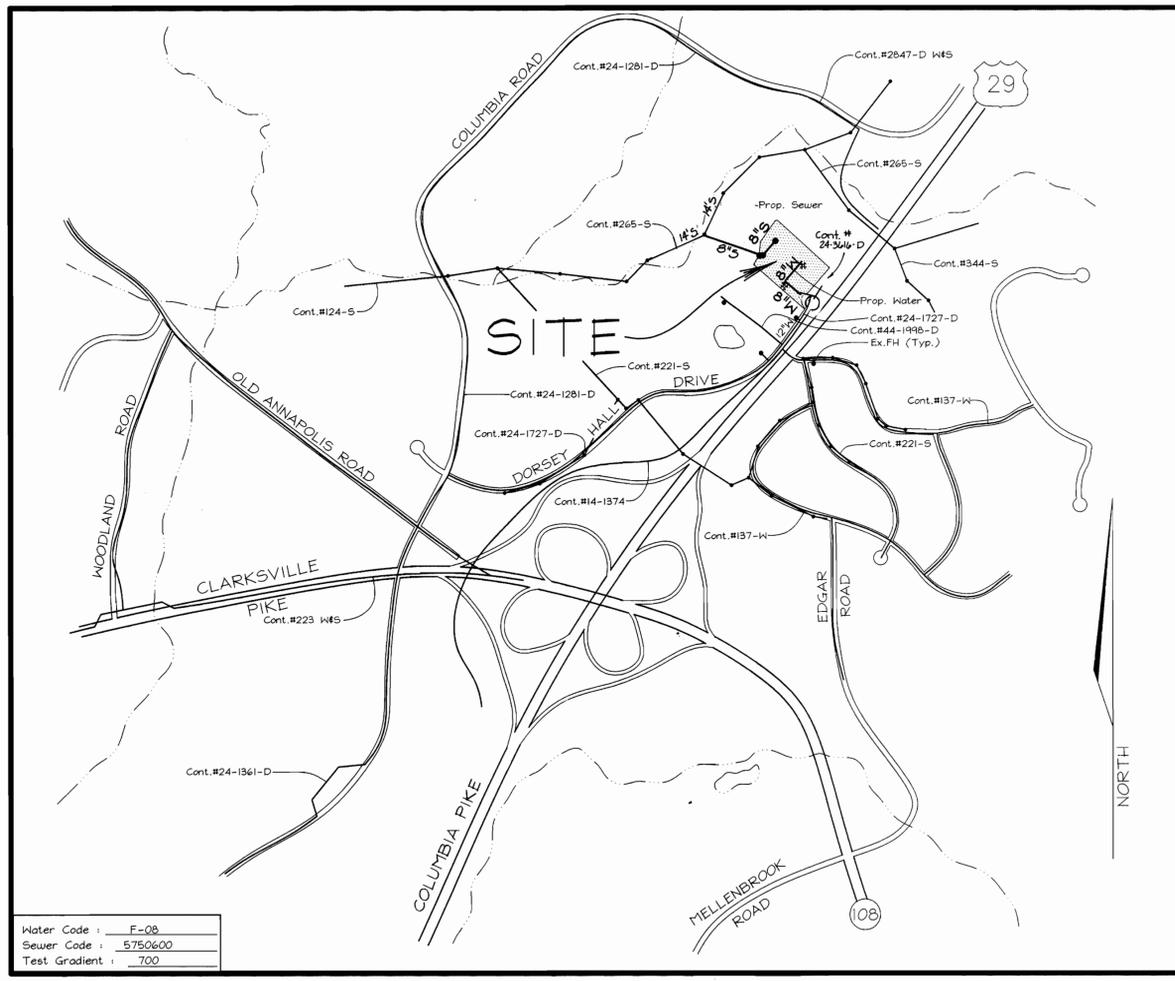
### CONTRACT NO. 24-3769-D

**BENCHMARKS**  
 R/W MONUMENT  
 REBAR # CAP  
 NW SIDE OF DORSEY HALL DR. CUL-DE-SAC  
 ELEV. 361.36  
 R/W MONUMENT  
 REBAR # CAP  
 NE SIDE OF DORSEY HALL DR. CUL-DE-SAC  
 ELEV. 361.41



**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 CONTACTED 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 DRAWING. 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. 865-3805  
 STATE HIGHWAY ADMINISTRATION 531-5533  
 B.G.#E CO. CONTRACTOR SERVICES 850-4620  
 B.G.#E CO. UNDER GROUND DAMAGE CONTROL 787-9058  
 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 OR BORING/JACKING OPERATION IN ANY COUNTY ROAD 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.



Water Code :	F-08
Sewer Code :	5750600
Test Gradient :	700

TYPE OF BUILDING:	COMMERCIAL
NO. OF LOTS/PARCELS:	2
NO. OF WATER HOUSE CONNECTIONS:	2
NO. OF SEWER HOUSE CONNECTIONS:	2
DRAINAGE AREA:	LITTLE PATUXENT
TREATMENT PLANT:	PATUXENT

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

**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 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.

**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 COVER IN ACCORDANCE WITH SECTION 1000 WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED. SET TOP OF FRAME 18" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.

**OWNER/DEVELOPER**  
 SELBORNE-DORSEY  
 LIMITED PARTNERSHIP  
 C/O ORCHARD DEVELOPMENT  
 3979 OLD COLUMBIA PIKE  
 ELLICOTT CITY, MARYLAND 21043  
 PHONE : 410-750-1800  
 ATTN : SCOTT ARMIGER

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP 99-072

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

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

*[Signatures]*  
 DATE: 7/19/99

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

*[Signature]*  
 7-15-99  
 CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING & ZONING  
 HOWARD COUNTY, MARYLAND

*[Signature]*  
 7/23/99  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

**VOGEL & ASSOCIATES**  
 ENGINEERS-SURVEYORS-PLANNERS

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043  
 Tel 410.461.5828 Fax 410.465.3966

STATE OF MARYLAND  
 PROFESSIONAL ENGINEER  
 ROBERT H. VOGEL, P.E. NO. 16193

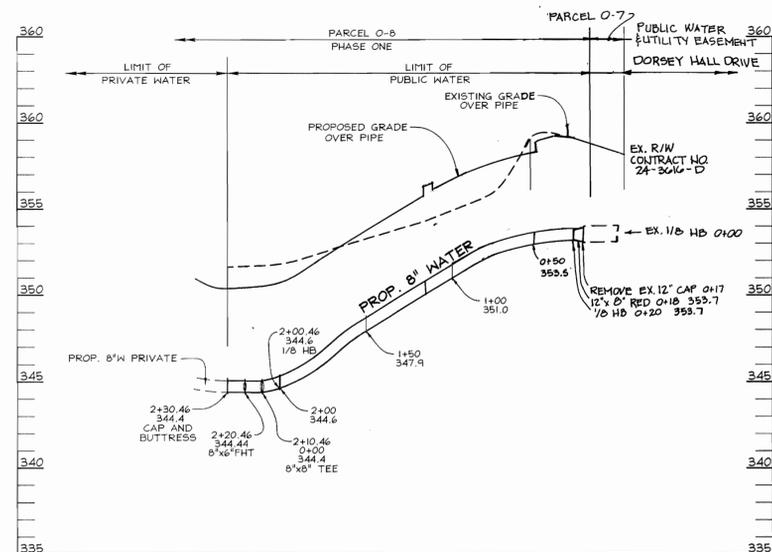
DES:	GAH/PS		
DRN:	PS/GH		
CHK:	GAH		
DATE:	July, 1999		
BY:	NO.	REVISION	DATE
	2	Rev Connection to Existing Sewer	11-29-99
	1	Revise Connection to Existing Water	7-27-99

600' SCALE MAP NO. 30 BLOCK NO. 17

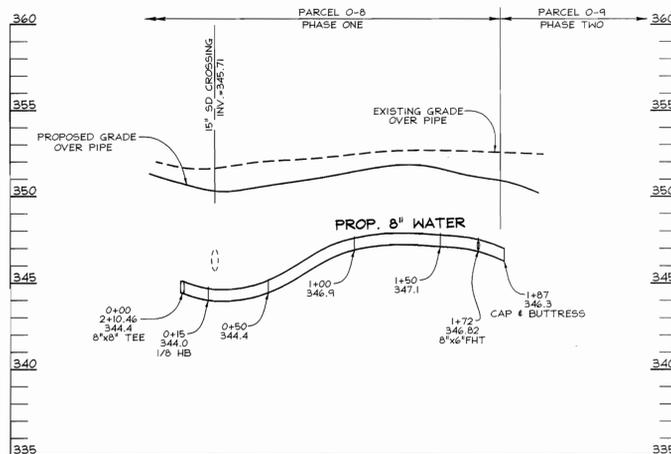
**TITLE SHEET**

**SELBORNE HOUSE  
OF DORSEY HALL**  
 PHASE ONE (PARCELS 0-8 AND 0-9)  
**CONTRACT No. 24-3769-D**  
 TAX MAP #30 PARCELS 0-8 AND 0-9  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

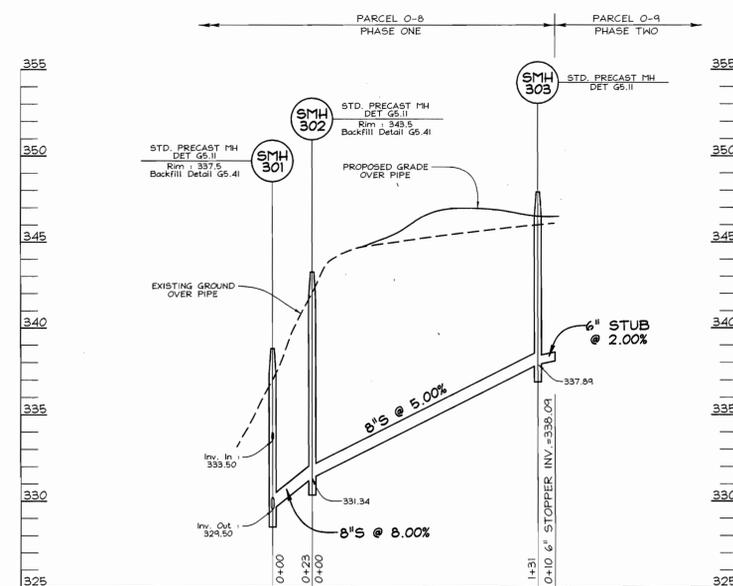
SCALE AS SHOWN  
 SHEET 1 OF 2



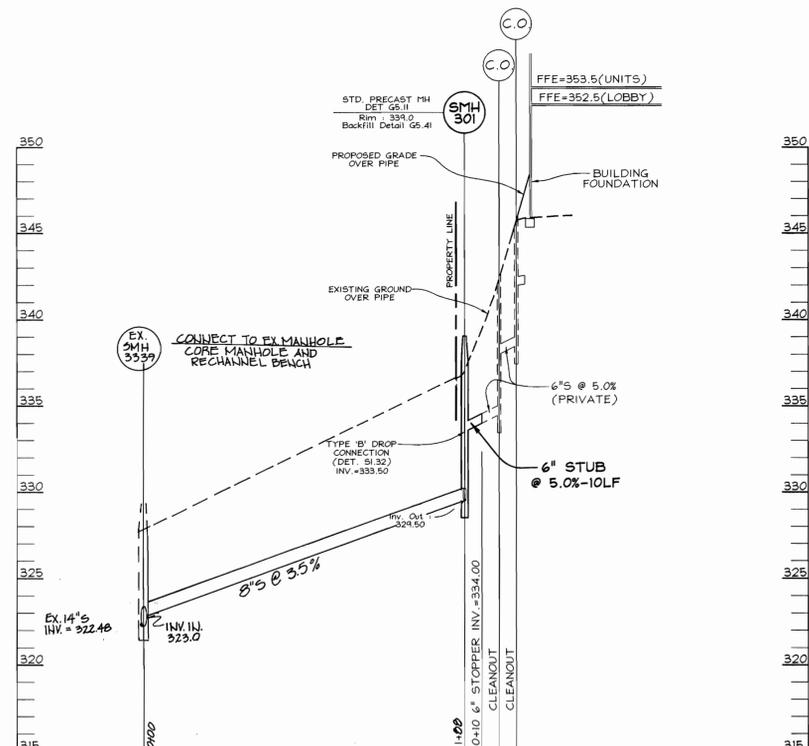
**WATER PROFILES**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



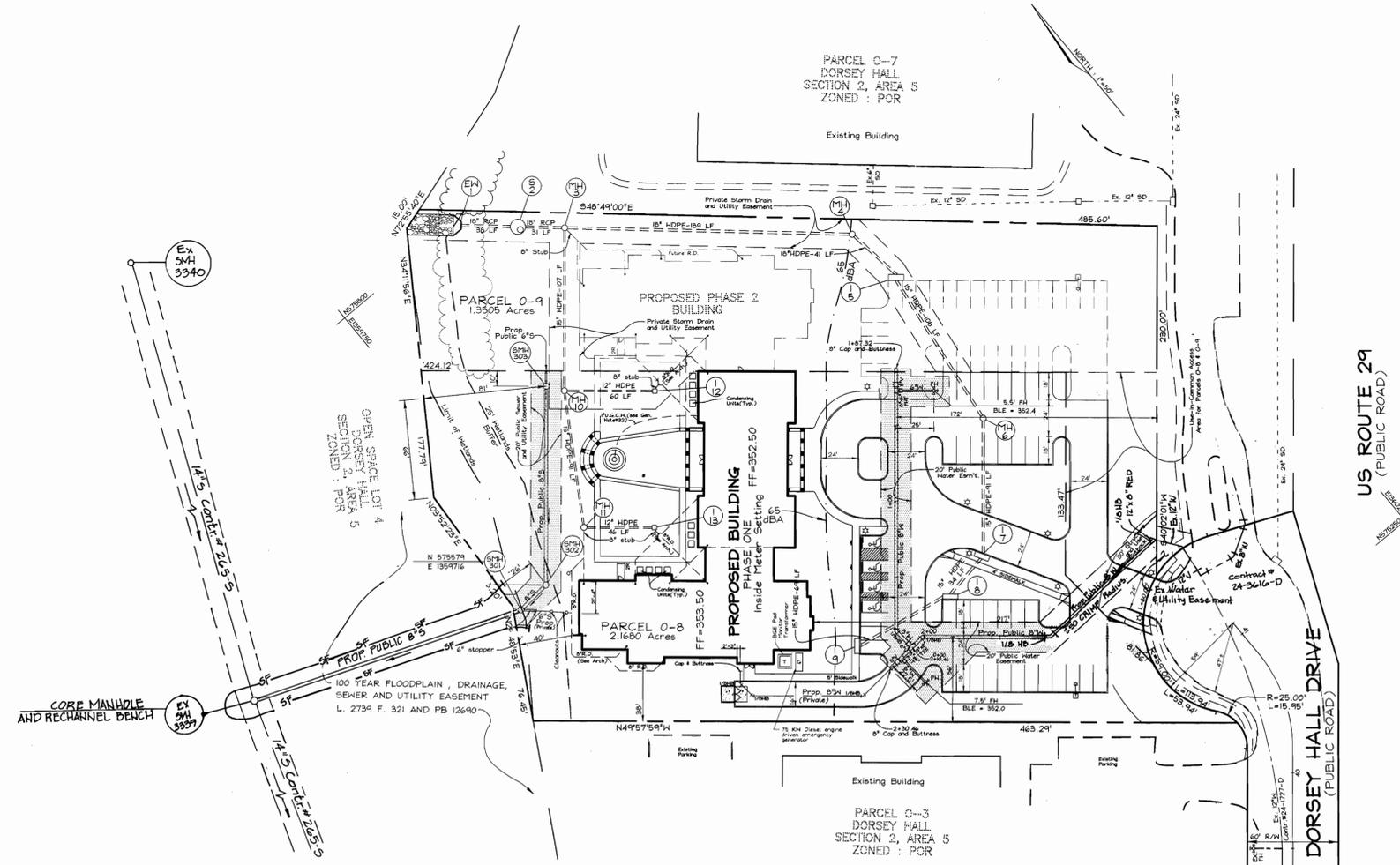
**WATER PROFILES**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**SEWER PROFILE**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**SEWER PROFILE**  
SCALE: HORIZONTAL - 1"=50'  
VERTICAL - 1"=5'



**PLAN VIEW**  
SCALE: 1"=50'

**OWNER/DEVELOPER**  
SELBORNE-DORSEY LIMITED PARTNERSHIP  
C/O ORCHARD DEVELOPMENT  
3979 OLD COLUMBIA PIKE  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-750-1800  
ATTN: SCOTT ARMIGER

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 214 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP 99-072

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.	REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
SOIL CONSERVATION DISTRICT	U.S. SOIL CONSERVATION DISTRICT
DATE: 7/15/99	DATE: 7/23/99

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
7-15-99  
DATE

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND  
7/23/99  
DATE

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

STATE OF MARYLAND  
ROBERT H. VOGEL  
REGISTERED PROFESSIONAL ENGINEER  
11/2/99

DES: GAH/PS	DRN: PS/GH	CHK: GAH	RLP 2	Revise Connection to Existing Sewer	11-27-99
			RLP 1	Revise Connection to Existing Water	7-17-99
DATE: July, 1999	BY NO.	REVISION			DATE

**WATER AND SEWER PLAN AND PROFILES**  
600' SCALE MAP NO. 30 BLOCK NO. 17

**SELBORNE HOUSE OF DORSEY HALL**  
(A RESUBDIVISION OF PARCEL 0-6)  
**CONTRACT NO. 24-3769-D**  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE AS SHOWN  
SHEET 2 OF 2