

GENERAL NOTES

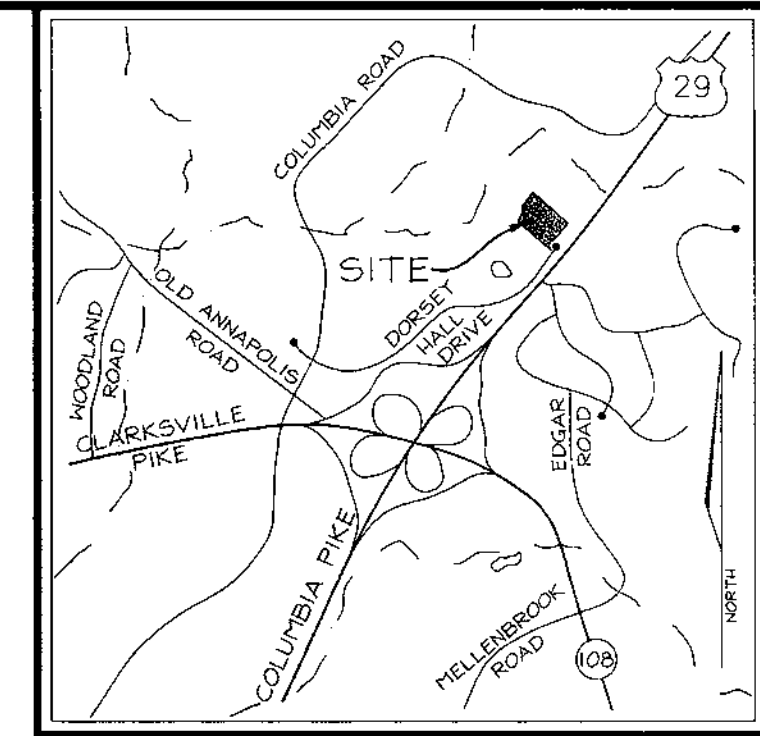
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:
 UTILITY: 1-800-257-7777
 C & P TELEPHONE COMPANY: 725-9476
 HOWARD COUNTY BUREAU OF UTILITIES: 313-2366
 AT&T CABLE LOCATION DIVISION: 393-3553
 B.G.F.E. CO. CONTRACTOR SERVICES: 850-4620
 B.G.F.E. CO. UNDERGROUND DAMAGE CONTROL: 787-4620
 STATE HIGHWAY ADMINISTRATION: 531-5533
- SITE ANALYSIS:
 AREA OF PARCEL: 3.519 AC±
 PRESENT ZONING: POR
 USE OF STRUCTURE: ELDERLY HOUSING BUILDING AREA
 PHASE ONE: 15,574 SF±
 PHASE TWO: 8582 SF±
 BUILDING COVERAGE ON SITE: 0.55 AC OR 15.7% OF GROSS AREA
 PAVED PARKING LOT/AREA ON SITE: 0.94 AC OR 26.6% OF GROSS AREA
 AREA OF LANDSCAPE ISLAND: 0.21 AC = 9002.6 SF
- PROJECT BACKGROUND:
 LOCATION: COLUMBIA, MD.; TAX MAP 30, PARCELS O-8 & O-9
 ZONING: POR
 SECTION/AREA: 2/5
 SITE AREA: 3.519 AC±
 DPZ REFERENCES: F-97-134, F-88-37, CONTR. #24-1727-D, CONTR. #265-S, F-85-16, S-78-20, P-84-27, P-86-26, F-86-247, F-91-06
- 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 RCP STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C'. ALL HDPE PIPE BEDDING SHALL BE PER MANUFACTURERS RECOMMENDATIONS.
- COORDINATES AND ELEVATIONS ARE BASED ON HOWARD COUNTY RIGHT-OF-WAY MONUMENTS.
- EXISTING TOPOGRAPHY IS FROM A TOPOGRAPHIC SURVEY PERFORMED BY VOGEL & ASSOCIATES, INC. IN NOVEMBER 1998.
- ALL PAVING TO BE P-2 PAVING UNLESS OTHERWISE NOTED.
- ALL CURB AND GUTTER TO BE HOWARD COUNTY STANDARD CONCRETE DETAIL 3.01 UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR RESPONSIBLE TO CONSTRUCT ALL HANDICAP PARKING AND HANDICAP ACCESS IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS.
- WHERE DRAINAGE FLOWS AWAY FROM CURB, CONTRACTOR TO REVERSE THE GUTTER PAN.
- PUBLIC WATER AVAILABLE ON SITE (8" WATER) CONTRACT NO. 24-3769-D.
- PUBLIC SEWER AVAILABLE IN OPEN SPACE LOT 4 (8" SEWER) CONTRACT NO. 24-3769-D.
- STORMWATER MANAGEMENT IS PROVIDED PER F-85-16, DORSEY HALL SECTION TWO AREA ONE-COLUMBIA ROAD; WATER QUALITY IS PROVIDED ON SITE BY A STORMCEPTER.
- ALL EXTERIOR LIGHTING SHALL CONFORM TO ZONING REGULATIONS SECTION 134.
- ALL ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- MAXIMUM BUILDING HEIGHT ALLOWED: 50'; MAXIMUM BUILDING HEIGHT PROPOSED: 47'
- TOTAL NUMBER OF BUILDINGS: 1; TOTAL NUMBER OF FLOORS: 4
- TOTAL FLOOR AREA: PHASE ONE = 62,236 SF; PHASE TWO = 34,320 SF
- AN INSIDE WATER METER SHALL BE PROVIDED.
- 65 dBA LINE IS BASED ON A NOISE STUDY PERFORMED BY VOGEL & ASSOCIATES, INC. IN MARCH, 1999.
- DEPRESSED CURB TO HAVE A 0.0417"(1/2") RISE FROM PAVING TO TOP OF CURB.
- LOCATION AND ELEVATION OF 1" U.G.C.W. TO FOUNTAIN TO BE DETERMINED BY PLUMBING CONTRACTOR.
- Forest Conservation obligations have been addressed by the filing of a Declaration of Intent.

SELBORNE HOUSE OF DORSEY HALL

PHASE ONE

LEGEND

EXISTING CONTOUR: - - - - - 382
 PROPOSED CONTOUR: - - - - - 82
 SPOT ELEVATION: +82.53
 DIRECTION OF FLOW: →
 EXISTING TREES TO REMAIN: [Symbol]
 LIGHT POLES: POST TOP [Symbol], OVERHEAD [Symbol]



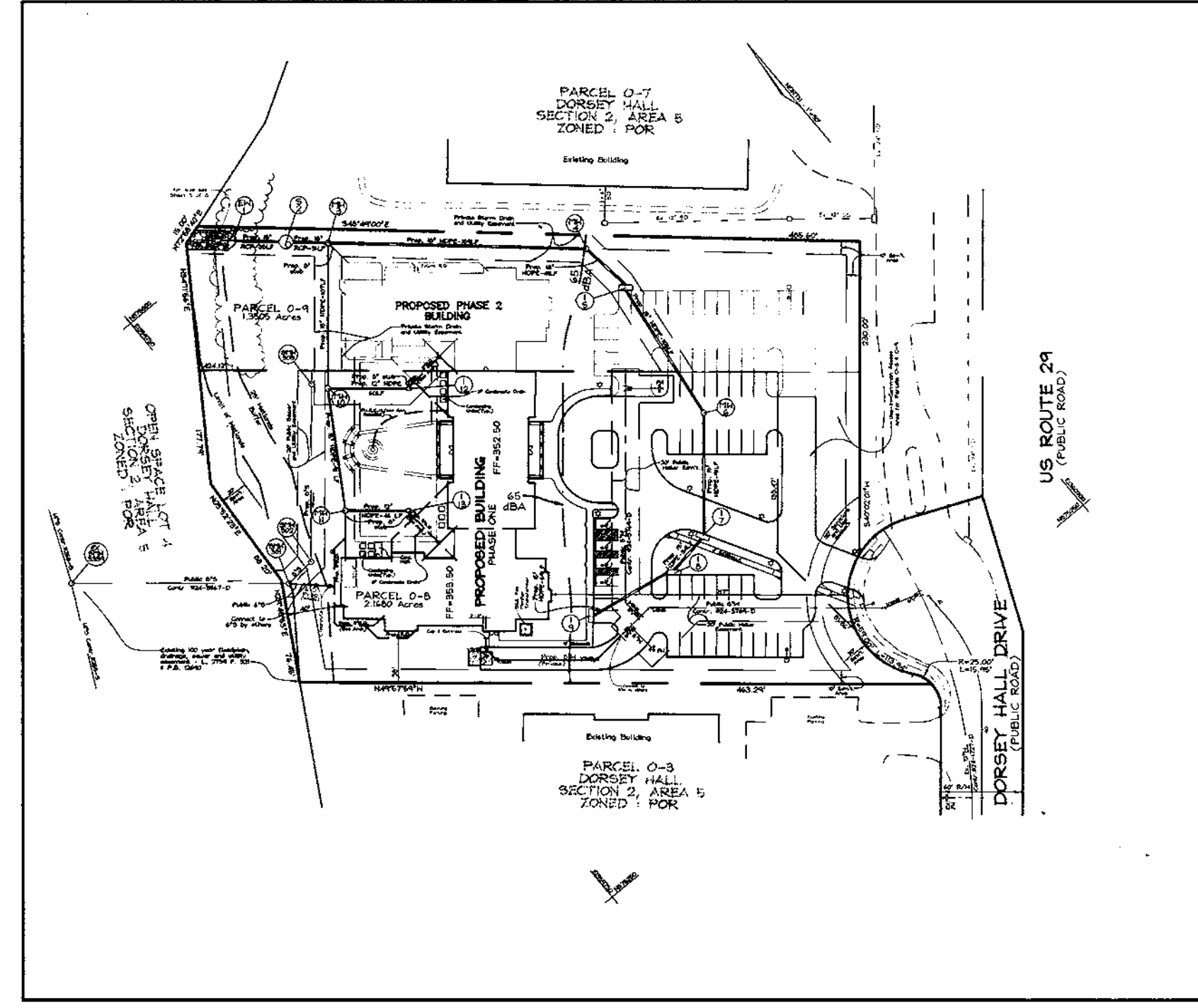
BENCHMARKS

R/W MONUMENT
 REBAR & CAP
 NW SIDE OF DORSEY HALL DR. CUL-DE-SAC
 ELEV. 361.36

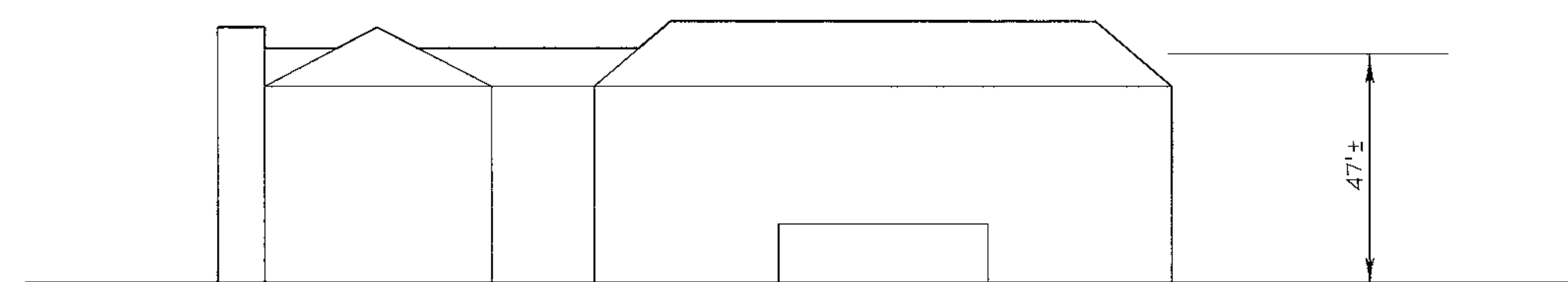
R/W MONUMENT
 REBAR & CAP
 NE SIDE OF DORSEY HALL DR. CUL-DE-SAC
 ELEV. 361.41

SHEET INDEX

| DESCRIPTION | SHEET NO. |
|--|-----------|
| COVER SHEET | 1 of 8 |
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| SEDIMENT AND EROSION CONTROL DETAILS | 4 of 8 |
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LOCATION MAP
SCALE: 1"=100'



BUILDING ELEVATION
SCALE: 1"=30'

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

COVER SHEET
SELBORNE HOUSE OF DORSEY HALL
 PHASE ONE
 DORSEY HALL

TAX MAP #30 PARCEL O-8 & O-9
 2ND ELECTION DISTRICT 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

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

COUNTY HEALTH OFFICER _____ DATE _____

ADDRESS CHART
 PARCEL NO. STREET ADDRESS
 O-8 5320 DORSEY HALL DRIVE

| | | |
|------------------|---------------------|---------------|
| SUBDIVISION NAME | SECTION/AREA | PARCEL NUMBER |
| DORSEY HALL | 2/5 | O-8 & O-9 |
| PLAT NO. | BLOCK NO. | ZONE |
| 13952 | 4 | POR |
| TAX/ZONE | ELECT. DIST. | CENSUS TR. |
| 30 | 2ND | 6023.01 |
| WATER CODE: F08 | SEWER CODE: 5750600 | |

DESIGN BY: GAH
 DRAWN BY: PS
 CHECKED BY: GAH
 DATE: Aug. 31, 1999
 SCALE: 1"=30'
 W.O. NO.: 98-126

1 SHEET OF 8

PARKING TABULATION

PHASE ONE PARKING REQUIRED
 72 UNITS @ 2 SPACES/5 UNITS = 28.8
 PARKING PROVIDED = 41

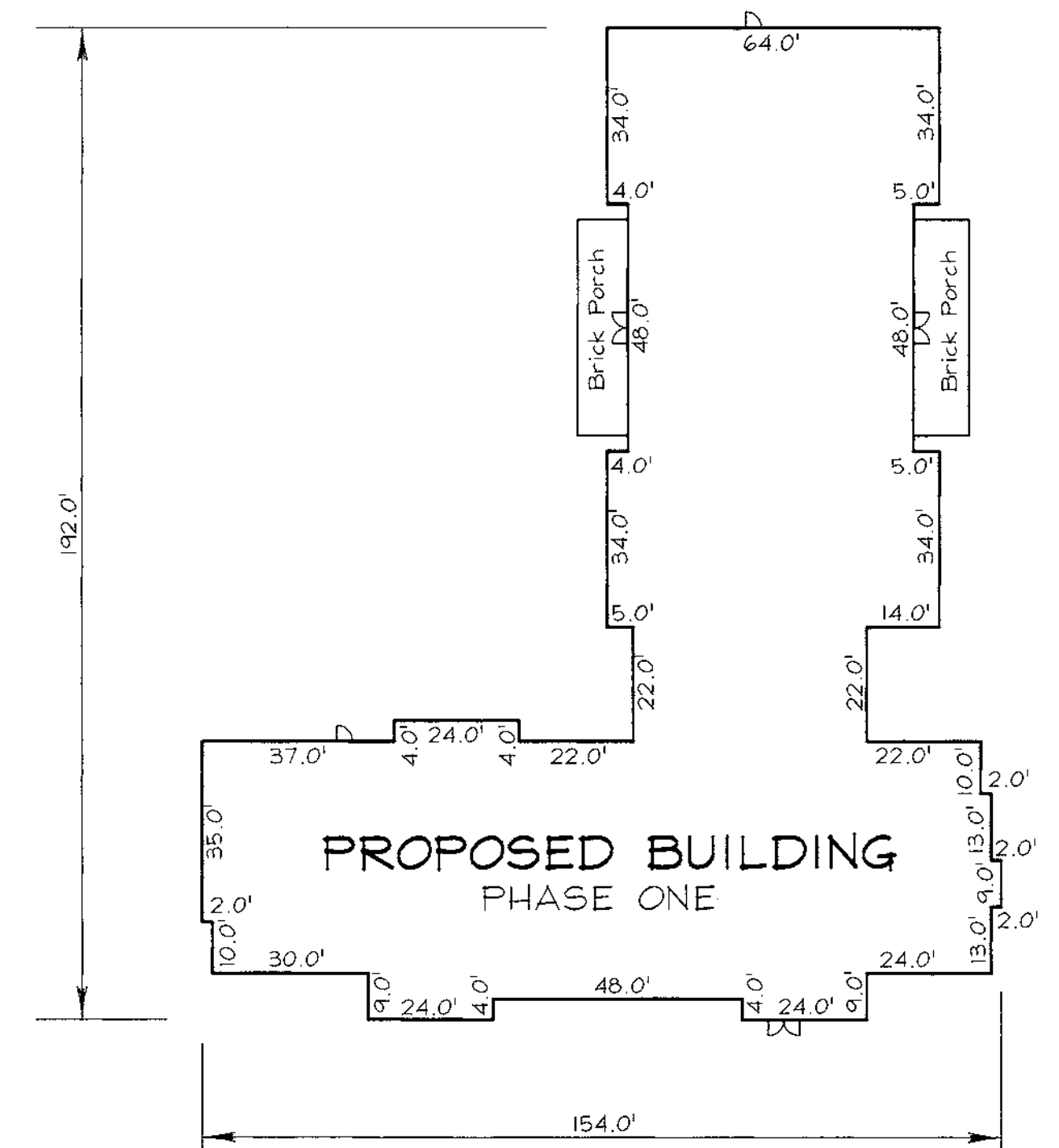
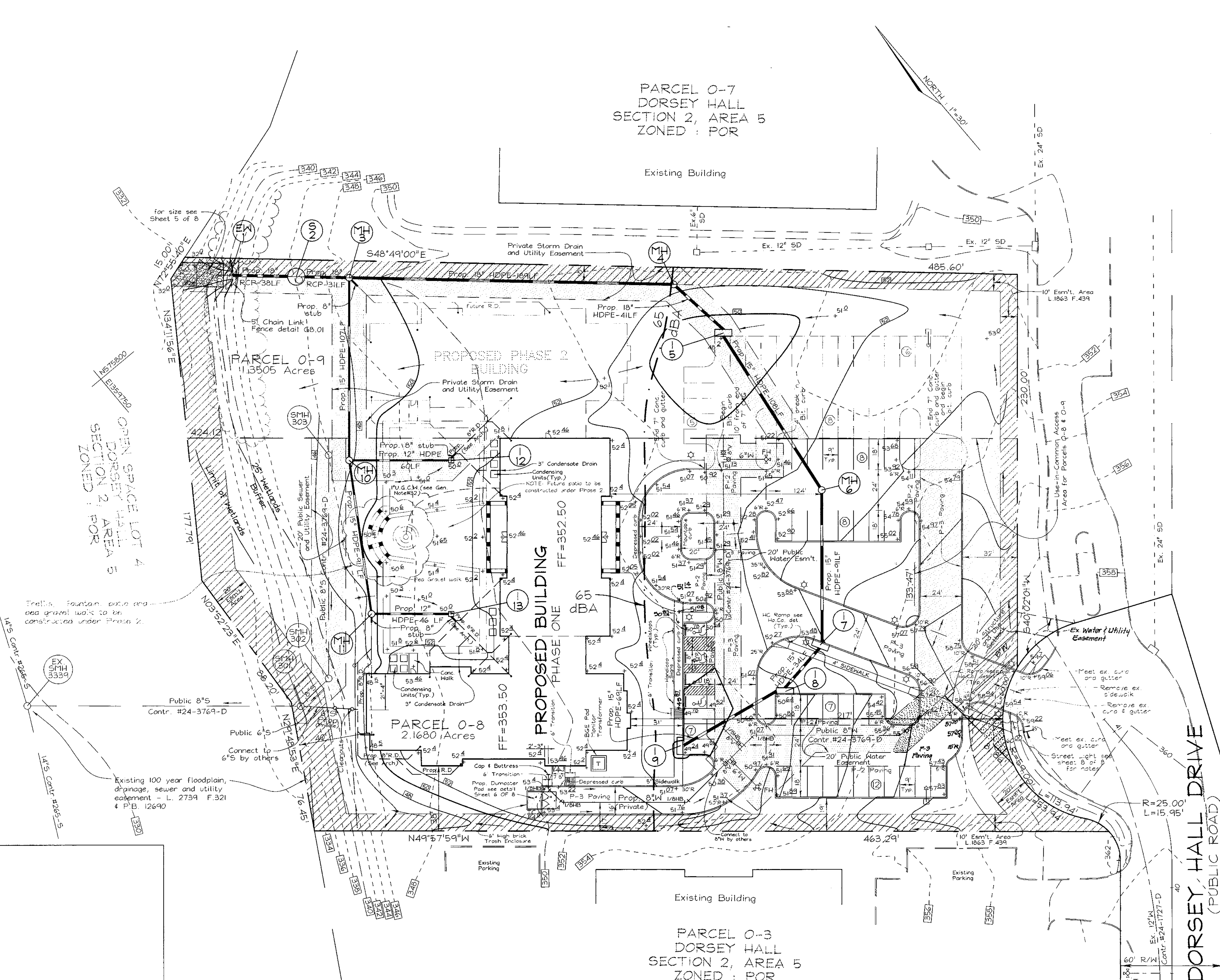
PHASE TWO PARKING REQUIRED
 48 UNITS @ 2 SPACES/5 UNITS = 19.2
 PARKING PROVIDED = 29

TOTAL SPACES PROVIDED = 70
 TOTAL HANDICAP SPACES REQUIRED = 4(3 STD./1VAN)
 TOTAL HANDICAP SPACES PROVIDED = 4(3 STD./1VAN)

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Director: [Signature] 10/1/99
 Chief, Division of Land Development: [Signature] 9/29/99
 Chief, Development Engineering Division: [Signature] 9/21/99

PARCEL 0-7
DORSEY HALL
SECTION 2, AREA 5
ZONED: POR



US ROUTE 29
(PUBLIC ROAD)

DORSEY HALL DRIVE
(PUBLIC ROAD)

Note:
For P-2 and P-3 paving divides, see Paving Detail on sheet 6 of 8

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Director: *Janet Butler* 10/1/99
 Chief, Division of Land Development: *Cindy Hanetta* 9/21/99
 Chief, Development Engineering Division: *Bob Dammann* 9/21/99

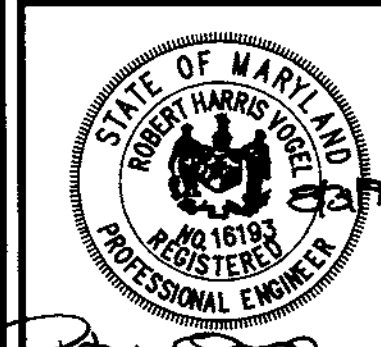
OWNER/DEVELOPER
 SELBORNE-DORSEY
 LIMITED PARTNERSHIP
 C/O ORCHARD DEVELOPMENT
 3979 OLD COLUMBIA PIKE
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-750-1800
 ATTN: SCOTT ARMIGER

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |
| | | |
| | | |
| | | |

SITE DEVELOPMENT PLAN
 SELBORNE HOUSE OF
 DORSEY HALL
 PHASE ONE
 DORSEY HALL
 TAX MAP #30 PARCELS 0-8 & 0-9
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

VOGEL & ASSOCIATES
 ENGINEERS SURVEYORS PLANNERS

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
 Tel 410.461.5828 Fax 410.465.3996



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 I.C. NO.: 98-126

2 SHEET OF 8

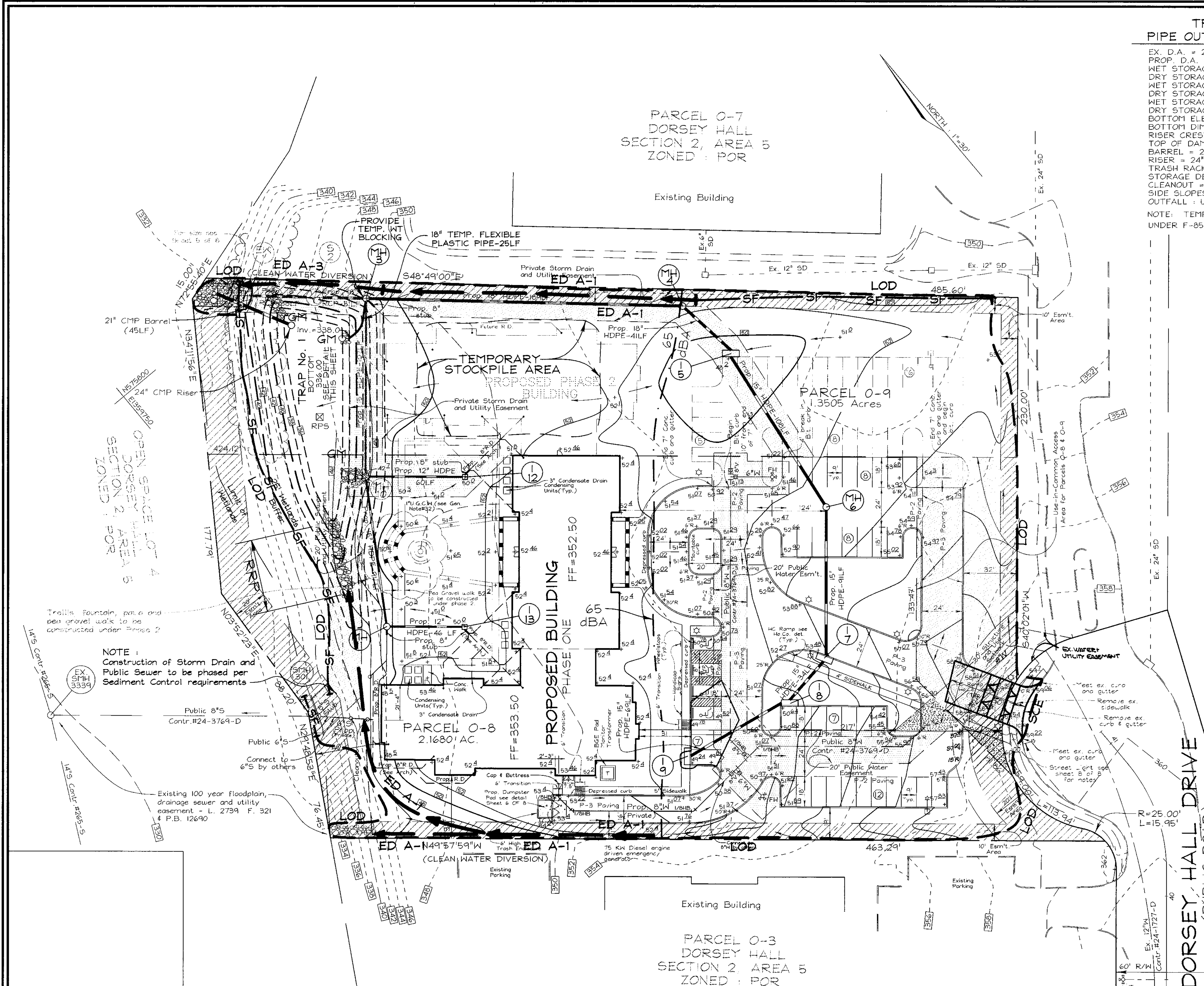
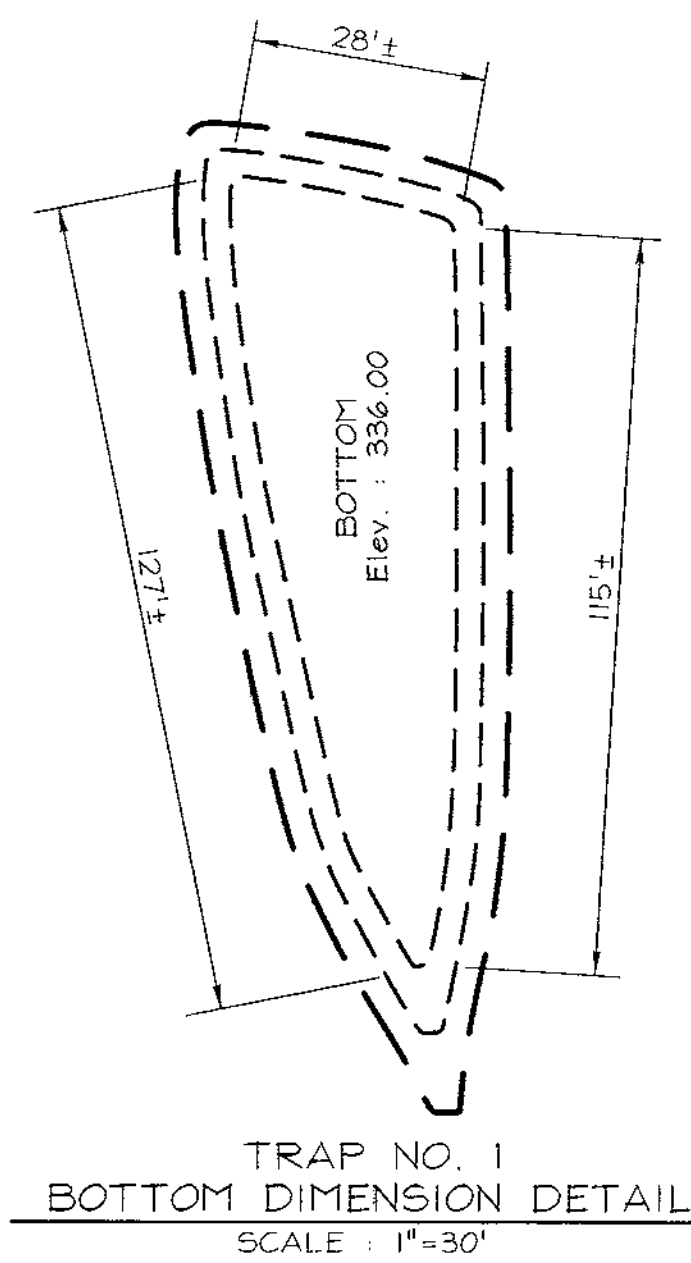
TRAP NO. 1 (ST-1)
PIPE OUTLET SEDIMENT TRAP

EX. D.A. = 2.9 ACRES
PROP. D.A. = 3.36 ACRES
WET STORAGE REQUIRED = 6048 CF
DRY STORAGE REQUIRED = 6048 CF
WET STORAGE PROVIDED = 11,841 CF
DRY STORAGE PROVIDED = 11,396 CF
WET STORAGE ELEV. = 339.0'
DRY STORAGE ELEV. = 341.0'
BOTTOM ELEV. = 336.0'
BOTTOM DIMENSIONS = SEE DETAIL BELOW
RISER CREST = 341.0'
TOP OF DAM = 342.0'
BARREL = 21"
RISER = 24"
TRASH RACK = 36"
STORAGE DEPTH = 5.0'
CLEANOUT = 337.50'
SIDE SLOPES = 2:1
OUTFALL : UNDISTURBED

NOTE: TEMPORARY STORMWATER MANAGEMENT IS PROVIDED UNDER F-85-16, DORSEY HALL, SECTION 2, AREA 1, COLUMBIA ROAD.

LEGEND

| | |
|----------------------------------|-----------------------|
| EXISTING CONTOUR | --- |
| PROPOSED CONTOUR | --- |
| SPOT ELEVATION | +82.53 |
| DIRECTION OF FLOW | → |
| EXISTING TREES TO REMAIN | (Symbol) |
| LIGHT POLES | POST TOP ○ OVERHEAD ○ |
| STABILIZED CONSTRUCTION ENTRANCE | (Symbol) |
| SILT FENCE | SF |
| EARTH DIKE | ED A-1 |
| LIMIT OF DISTURBANCE | LOD |
| RIP-RAP INFLOW PROTECTION | RRP |
| GABION INFLOW PROTECTION | GM |
| REMOVABLE PUMPING STATION | RP5 |
| EXISTING DRAINAGE DIVIDE | → |



OPEN SPACE LOT 4
DORSEY HALL
SECTION 2, AREA 5
ZONED: POR

US ROUTE 29
(PUBLIC ROAD)

DORSEY HALL DRIVE
(PUBLIC ROAD)

NOTE:
Construction of Storm Drain and Public Sewer to be phased per Sediment Control requirements

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

Paul Simmons 9/3/99
DATE

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

John P. Peterson 9/3/99
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

David Keates 10/1/99
DIRECTOR DATE

Cathy Samson 9/29/99
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Chad Dammann 9/2/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, 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."

Scott Armiger 9/21/99
SIGNATURE OF DEVELOPER DATE

ENGINEER'S 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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Robert H. Vogel 9/21/99
SIGNATURE OF ENGINEER DATE
ROBERT H. VOGEL

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |
| | | |

SEDIMENT AND EROSION CONTROL PLAN
SELBORNE HOUSE OF DORSEY HALL
PHASE ONE
DORSEY HALL

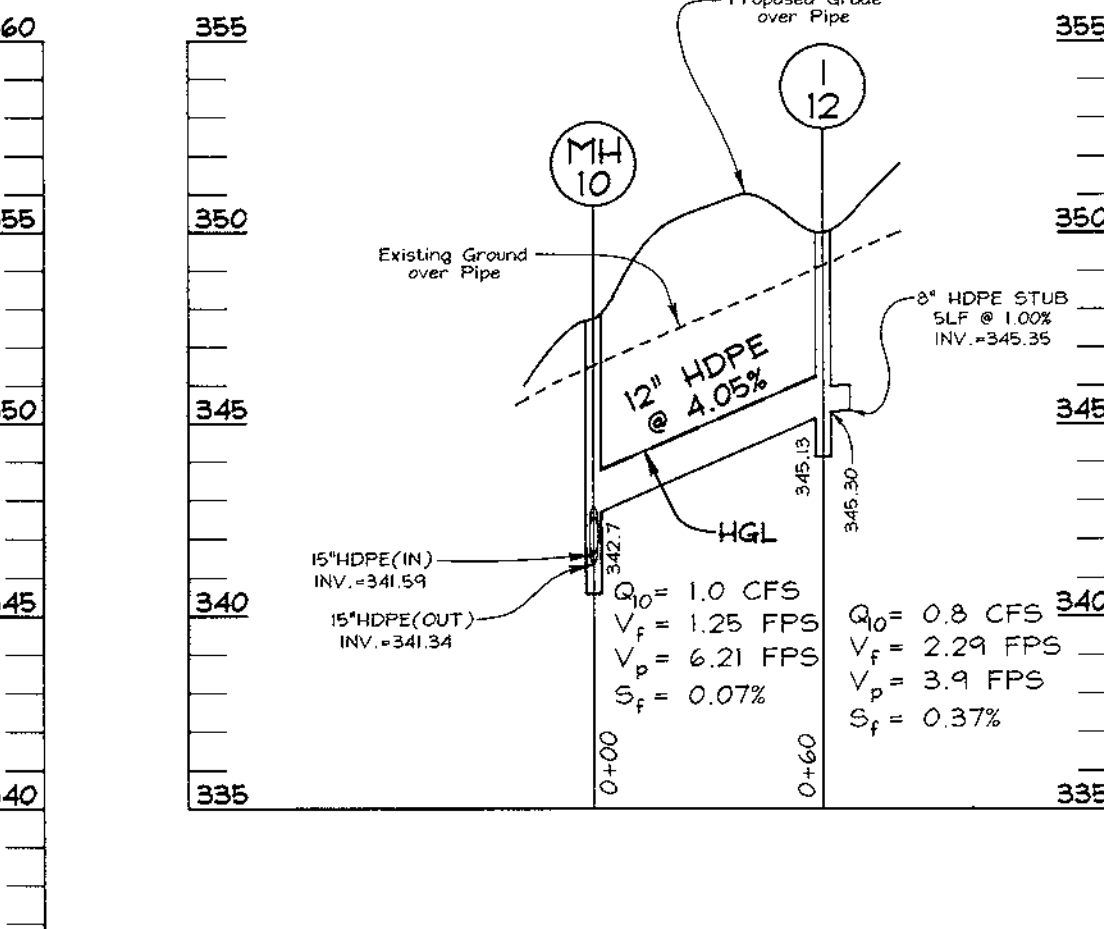
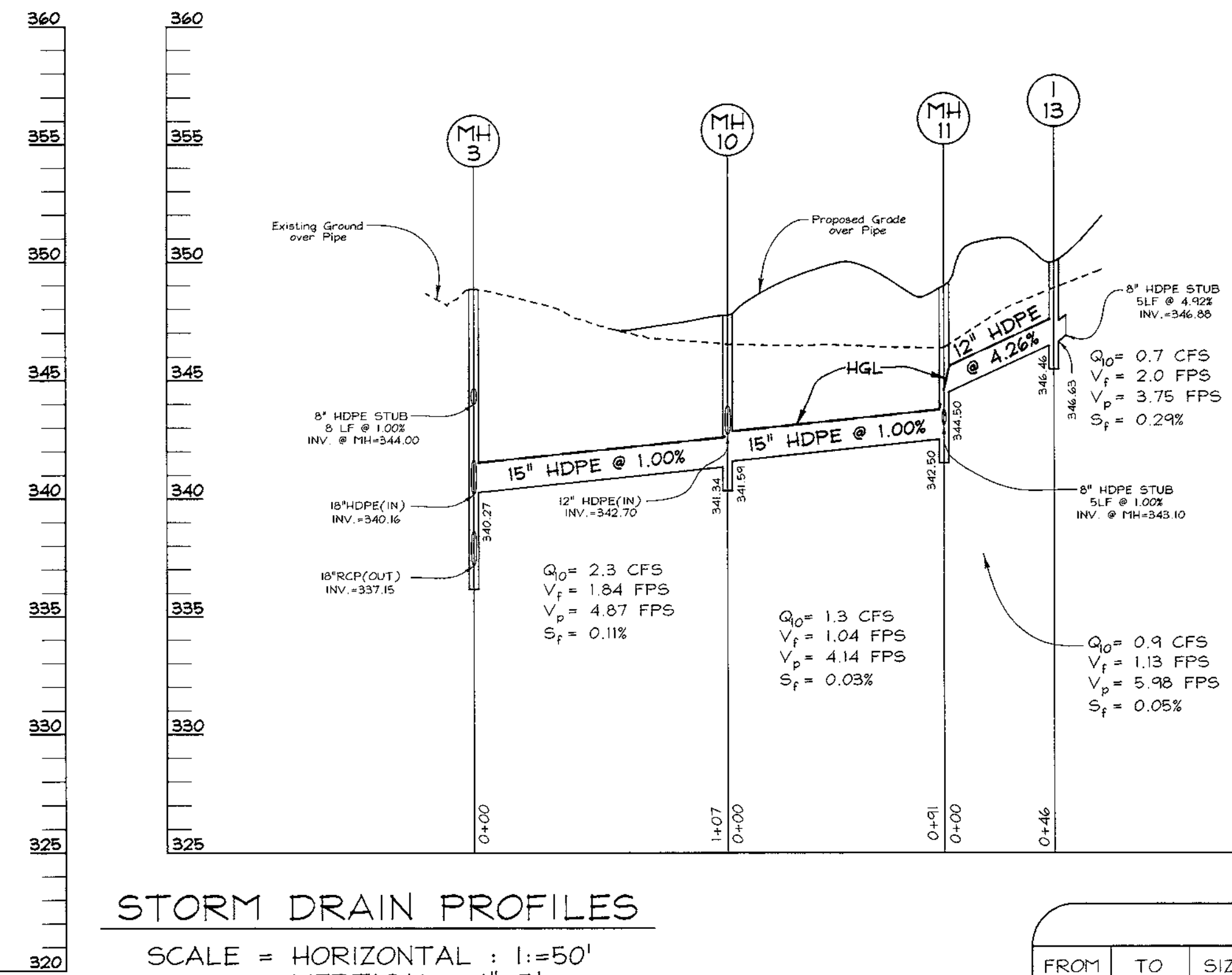
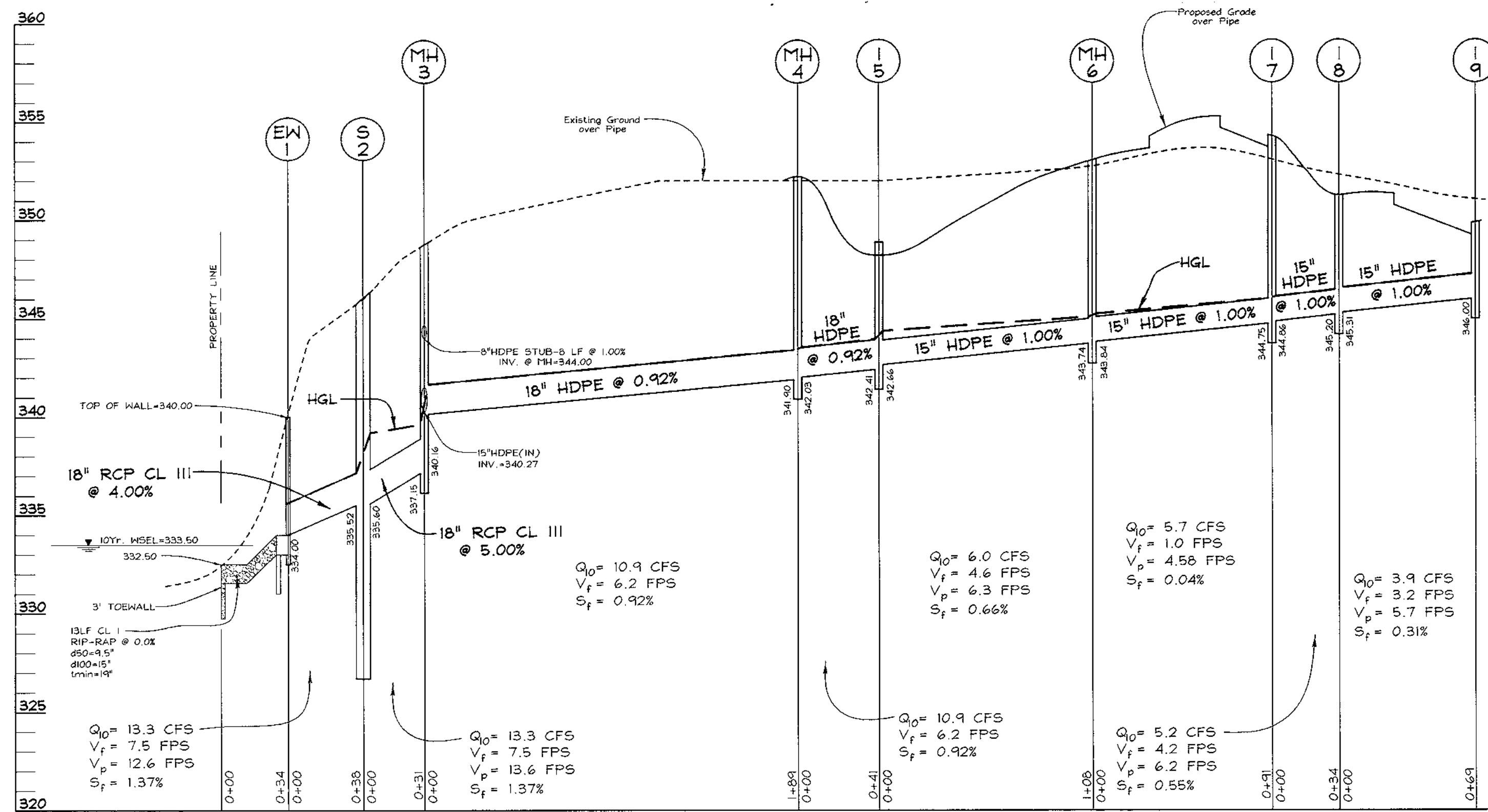
TAX MAP #30 PARCELS 0-8 & 0-9
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER
SELBORNE-DORSEY LIMITED PARTNERSHIP
C/O ORCHARD DEVELOPMENT
3479 OLD COLUMBIA PIKE
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-750-1800
ATTN: SCOTT ARMIGER

VOGEL & ASSOCIATES
ENGINEERS/SURVEYORS/PLANNERS
3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3986

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DRAWN BY: PS
CHECKED BY: GAH
DATE: Aug. 31, 1999
SCALE: 1"=30'
W.O. NO.: 98-126

3 SHEET OF 8



| SIZE | TYPE | LENGTH |
|------|---------------------------|--------|
| 8" | HDPE (ADS N-12 OR EQUIV.) | 415 LF |
| 12" | HDPE (ADS N-12 OR EQUIV.) | 106 LF |
| 15" | HDPE (ADS N-12 OR EQUIV.) | 500 LF |
| 18" | HDPE (ADS N-12 OR EQUIV.) | 230 LF |
| 18" | RCP CLASS III | 69 LF |

STORM DRAIN PROFILES
SCALE = HORIZONTAL : 1"=50'
VERTICAL : 1"=5'

| FROM | TO | SIZE | TYPE | LENGTH | REMARKS |
|-------|-------|------|---------------------------|--------|---------|
| STUB | I-13 | 8" | HDPE (ADS N-12 OR EQUIV.) | 160 LF | |
| I-13 | MH-II | 12" | HDPE (ADS N-12 OR EQUIV.) | 46 LF | |
| STUB | MH-II | 8" | HDPE (ADS N-12 OR EQUIV.) | 155 LF | |
| M-11 | MH-10 | 15" | HDPE (ADS N-12 OR EQUIV.) | 91 LF | |
| STUB | I-12 | 8" | HDPE (ADS N-12 OR EQUIV.) | 92 LF | |
| I-12 | MH-10 | 12" | HDPE (ADS N-12 OR EQUIV.) | 60 LF | |
| MH-10 | MH-3 | 15" | HDPE (ADS N-12 OR EQUIV.) | 107 LF | |
| I-9 | I-8 | 15" | HDPE (ADS N-12 OR EQUIV.) | 69 LF | |
| I-8 | I-7 | 15" | HDPE (ADS N-12 OR EQUIV.) | 34 LF | |
| I-7 | M-6 | 15" | HDPE (ADS N-12 OR EQUIV.) | 91 LF | |
| M-6 | I-5 | 15" | HDPE (ADS N-12 OR EQUIV.) | 108 LF | |
| I-5 | M-4 | 18" | HDPE (ADS N-12 OR EQUIV.) | 41 LF | |
| M-4 | M-3 | 18" | HDPE (ADS N-12 OR EQUIV.) | 189 LF | |
| STUB | M-3 | 8" | HDPE (ADS N-12 OR EQUIV.) | 8 LF | |
| M-3 | SC-2 | 18" | RCP CLASS III | 31 LF | |
| SC-2 | EW-1 | 18" | RCP CLASS III | 38 LF | |

| NO. | TYPE | LOCATION | TOP ELEV. | INV. IN | INV. OUT | REMARKS |
|-------|------------------------------|----------|-----------|---------|----------|-------------|
| EW-1 | TYPE 'A' HEADWALL (MODIFIED) | SEE PLAN | 340.00 | 334.00 | 334.00 | SHT. 5 OF 8 |
| SC-2 | STC-1800 STORMCEPTOR | SEE PLAN | 346.00 | 335.60 | 335.52 | SHT. 4 OF 8 |
| MH-3 | 4' PRECAST MANHOLE | SEE PLAN | 348.88 | 340.16 | 337.15 | G 5.12 |
| MH-4 | 4' PRECAST MANHOLE | SEE PLAN | 352.10 | 342.03 | 341.90 | G 5.12 |
| I-5 | A-10 INLET (PRECAST) | SEE PLAN | 348.20 | 342.66 | 342.41 | SD 4.41 |
| MH-6 | 4' PRECAST MANHOLE | SEE PLAN | 352.77 | 343.84 | 343.74 | G 5.12 |
| I-7 | A-10 INLET (PRECAST) | SEE PLAN | 353.73 | 344.86 | 344.75 | SD 4.41 |
| I-8 | A-10 INLET (PRECAST) | SEE PLAN | 350.64 | 345.31 | 345.20 | SD 4.41 |
| I-9 | A-10 INLET (PRECAST) | SEE PLAN | 349.24 | - | 346.00 | SD 4.41 |
| MH-10 | 4' PRECAST MANHOLE | SEE PLAN | 347.73 | 342.70 | 341.34 | G 5.12 |
| MH-II | 4' PRECAST MANHOLE | SEE PLAN | 349.00 | 344.50 | 342.50 | G 5.12 |
| I-12 | YARD INLET | SEE PLAN | 350.00 | 345.30 | 345.13 | SD 4.14 |
| I-13 | YARD INLET | SEE PLAN | 350.00 | 346.63 | 346.46 | SD 4.14 |

* NOTE: TOP ELEVATIONS ARE TO CENTER OF STRUCTURE AT FACE OF CURB FOR CURB OPENING INLETS, AND TO $\frac{1}{2}$ " TOP OF GRATE FOR YARD INLETS. SEE PROFILE FOR STRUCTURES WITH MULTIPLE PIPES.

OPERATION AND MAINTENANCE SCHEDULE FOR STORMCEPTOR WATER QUALITY STRUCTURE

INSPECTION AND MAINTENANCE REQUIRED FOR ON SITE STORMWATER MANAGEMENT DEVICES SHALL BE RESPONSIBILITY OF THE OWNER OF THE PROPERTY PRIVATE STORMWATER MANAGEMENT DEVICES MUST BE INSTALLED UNDER A GRADING PERMIT AND REQUIRE A PRIVATE MAINTENANCE AGREEMENT.

THE STORMCEPTOR WILL BE VISUALLY INSPECTED BI-ANNUALLY FOR THE PRESENCE OF OIL AND FUEL AND SEDIMENT BY REMOVING THE MANHOLE COVER. ANY OBSTRUCTIONS WILL BE CLEARED. THE SEDIMENT IS TO BE REMOVED WHEN THE SEDIMENT DEPTH EXCEED MANUFACTURERS SPECIFIED LEVEL, BUT AT A MINIMUM OF YEARLY INTERVALS.

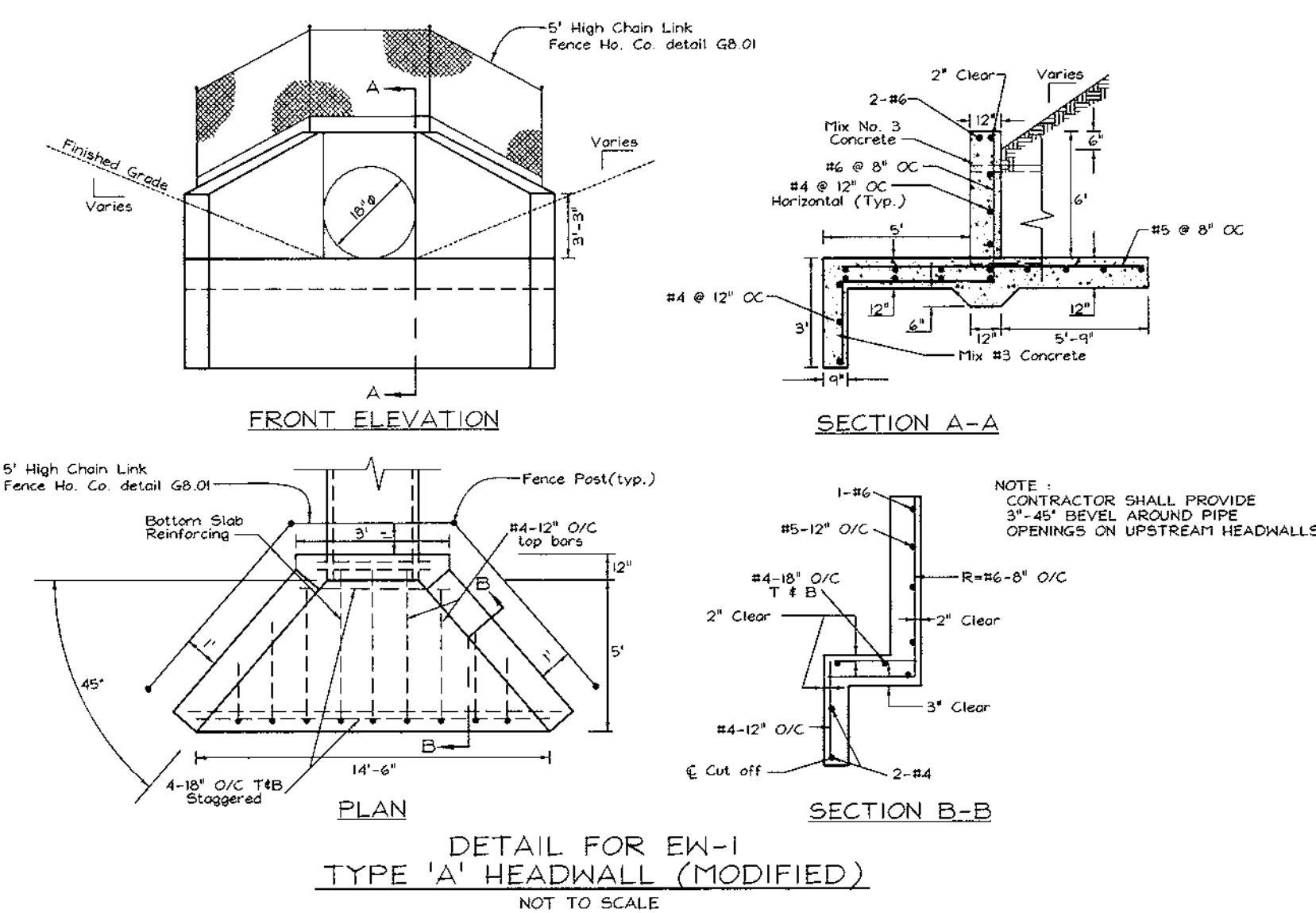
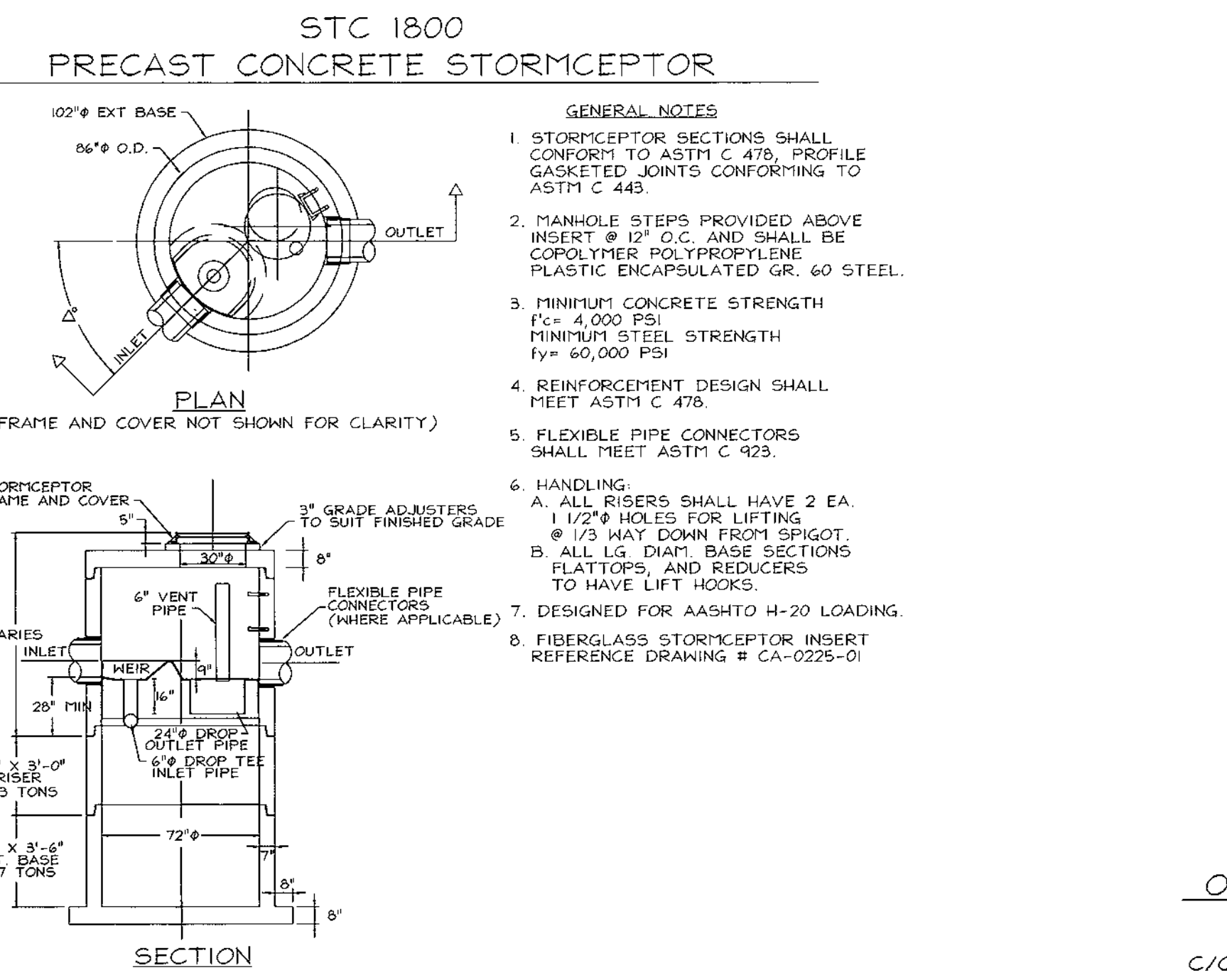
REMOVAL OF THE MATERIALS IS TO BE PERFORMED BY A LICENSED WASTE MANAGEMENT COMPANY AND DISPOSAL IN ACCORDANCE WITH CURRENT REGULATIONS.

THE MAINTENANCE OF THE STORMCEPTOR UNIT SHALL BE DONE USING A VACUUM TRUCK WHICH WILL REMOVE THE WATER, SEDIMENT, DEBRIS, FLOATING HYDROCARBONS AND OTHER MATERIALS IN THE UNIT. PROPER CLEANING AND DISPOSAL OF THE REMOVED MATERIALS AND LIQUID MUST BE FOLLOWED BY THE OWNER.

THE OWNER SHALL RETAIN AND MAKE THE STORMCEPTOR INSPECTION/ MONITORING FORMS AVAILABLE TO ANNE ARUNDEL COUNTY INSPECTION AND ENVIRONMENTAL PROGRAMS WITHIN FOURTEEN DAYS OF THE SCHEDULED MAINTENANCE DATE.

INSPECTION SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MARYLAND OF HIS REPRESENTATIVE. ALL FORMS AND SUBMITTALS SHALL BE SIGNED AND SEALED.

IF INSPECTION REQUIRES REPAIR TO THE INLET OR OUTLET PIPES, STRUCTURE PARTS, GENERAL ASSEMBLY OR ANY FUNCTIONAL COMPONENTS OF THIS DEVICE, THE REPAIR SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER AND AS-BUILT DRAWINGS OF THE REPAIR SHALL BE SUBMITTED TO ANNE ARUNDEL COUNTY DEPARTMENT OF INSPECTIONS AND ENVIRONMENTAL PROGRAMS. THESE SHALL BE IN ADDENDUM TO THE MAINTENANCE/INSPECTION FORM FROM WHICH THE REPAIR RESULTED.



Precast Concrete Stormceptor® Order Request Form

CONTRACTOR INFORMATION
 Name: Markus Builders, Inc.
 Address: 12301 Old Columbia Pike
 City: Silver Spring
 State: Md
 Zip Code: 20904
 Contact: John Blum
 Phone: 301.822.8000
 Fax:

OWNER INFORMATION
 Name: Selborne-Dorsey Limited Partnership
 Phone: 410.465.1800
 Fax:

IMPERVIOUS DRAINAGE AREA FOR THIS UNIT: 1.89 Acres

Stormceptor® Model: 1800
 Inlet Size: SINGLE
 Inlet Pipe Invert (ft): 335.52
 Outlet Pipe Invert (ft): 335.52
 Pipe Type: OSC
 Inlet Pipe Inside Diameter (ID): 18"
 Inlet Pipe Outside Diameter (OD): 22.5"
 Outlet Pipe Inside Diameter (ID): 18"
 Outlet Pipe Outside Diameter (OD): 22.5"

Project Name: Selborne House at Dorsey Hall
 Approximate time frame of delivery (weeks): 4 Weeks
 Delivery Address: Street: 5330 Dorsey Hall Drive
 City: Ellicott City State: Md Zip Code: 21042
 Designer Company: Vogel and Associates, Inc.
 Designer Contact: Gail Harrod Phone: 410.461.5828 Fax: 410.465.3966

PLEASE FILL OUT COMPLETELY AND FAX TO: CSR Hydro Conduit
 ATTN: ED O'MALLEY FAX: (703)922-5659, PHONE: (703)515-6389
 FOR TECHNICAL ASSISTANCE PLEASE CALL MIKE BARG, PHONE (703)515-6399

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Director
 DATE: 10/1/99

Chief, Division of Land Development
 DATE: 9/29/99

Chief, Development Engineering Division
 DATE: 9/29/99

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

NO. REVISION DATE

**STORM DRAIN PROFILES
SELBORNE HOUSE OF
DORSEY HALL**

PHASE ONE
DORSEY HALL

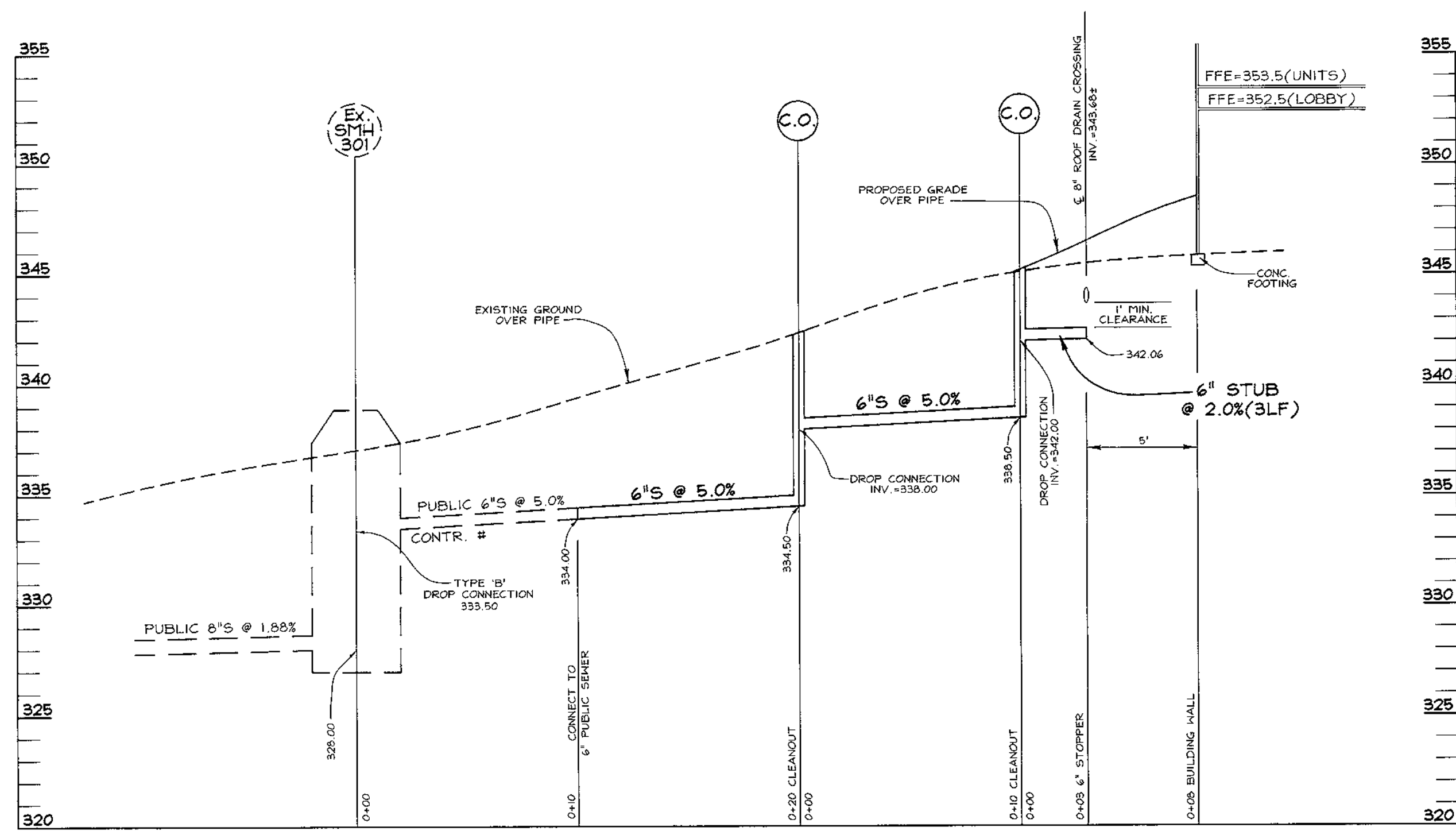
TAX MAP #30 PARCELS 0-B & 0-9
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

VAVOGL & ASSOCIATES
ENGINEERS SURVEYORS PLANNERS

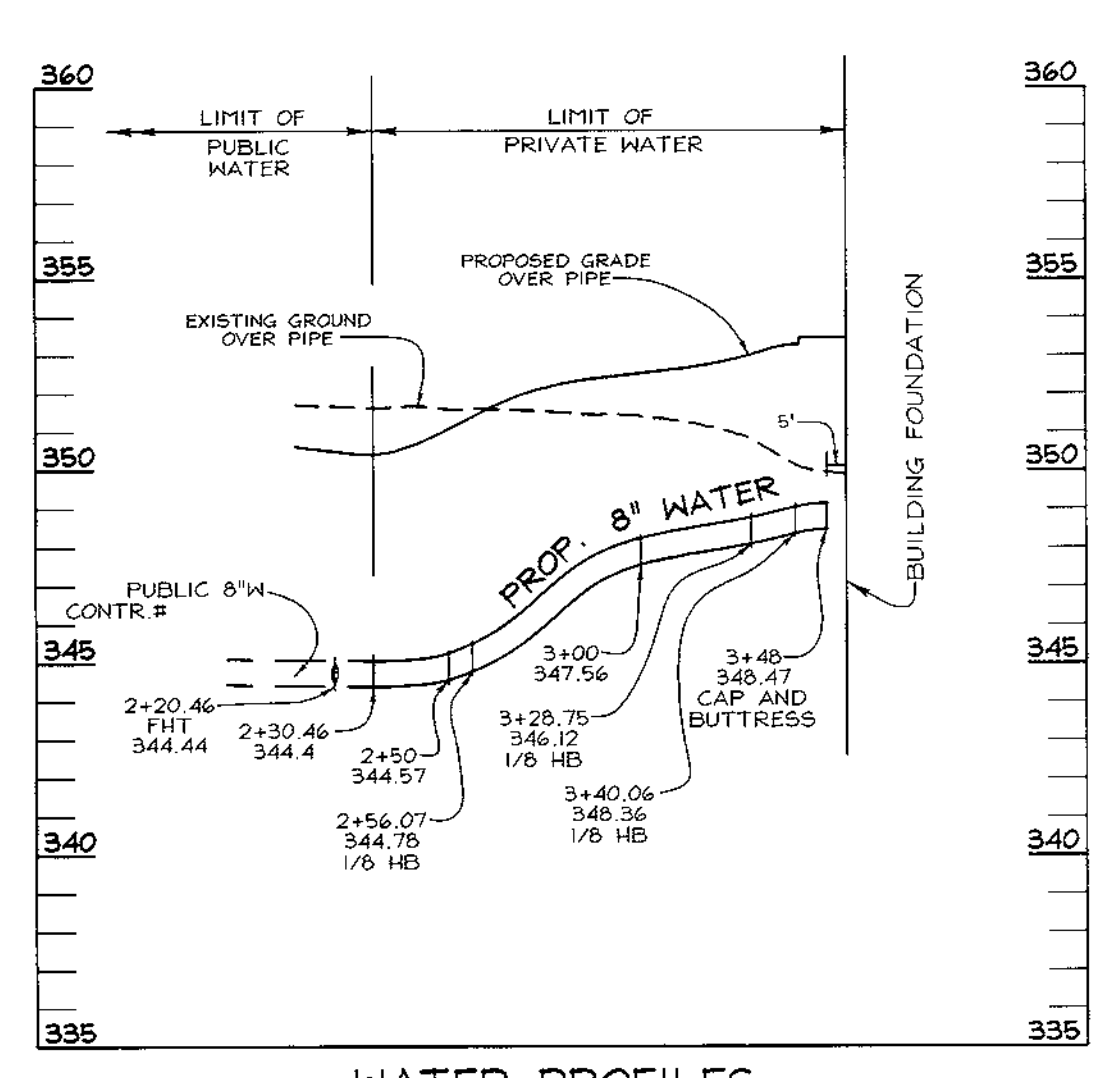
3891 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

DESIGN BY: GAH
 DRAWN BY: PS
 CHECKED BY: GAH
 DATE: Aug 31, 1999
 SCALE: As Shown
 W.O. NO.: 98-126

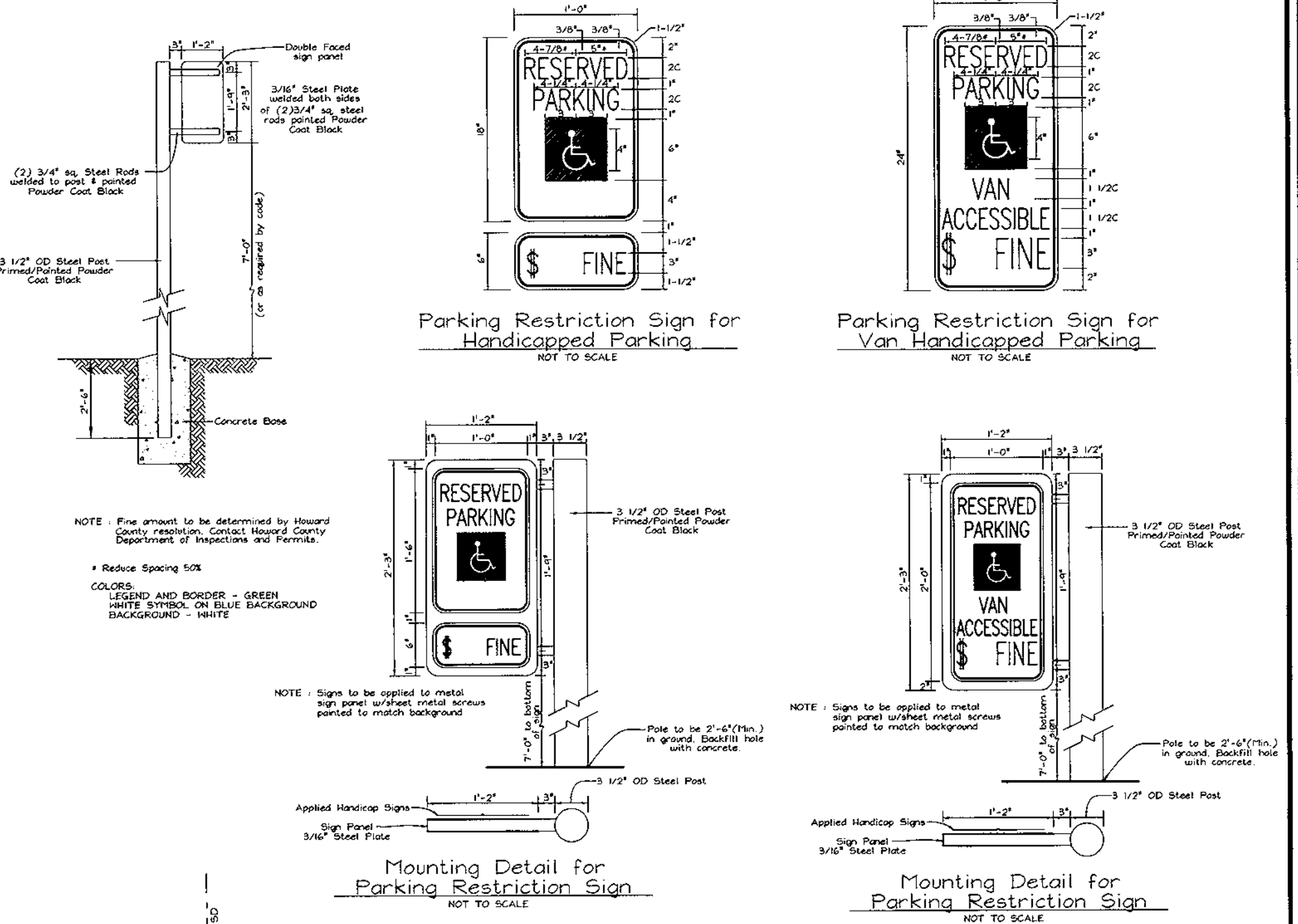
5 SHEET OF 8



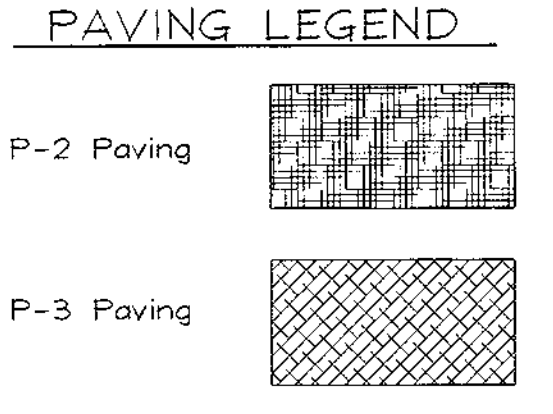
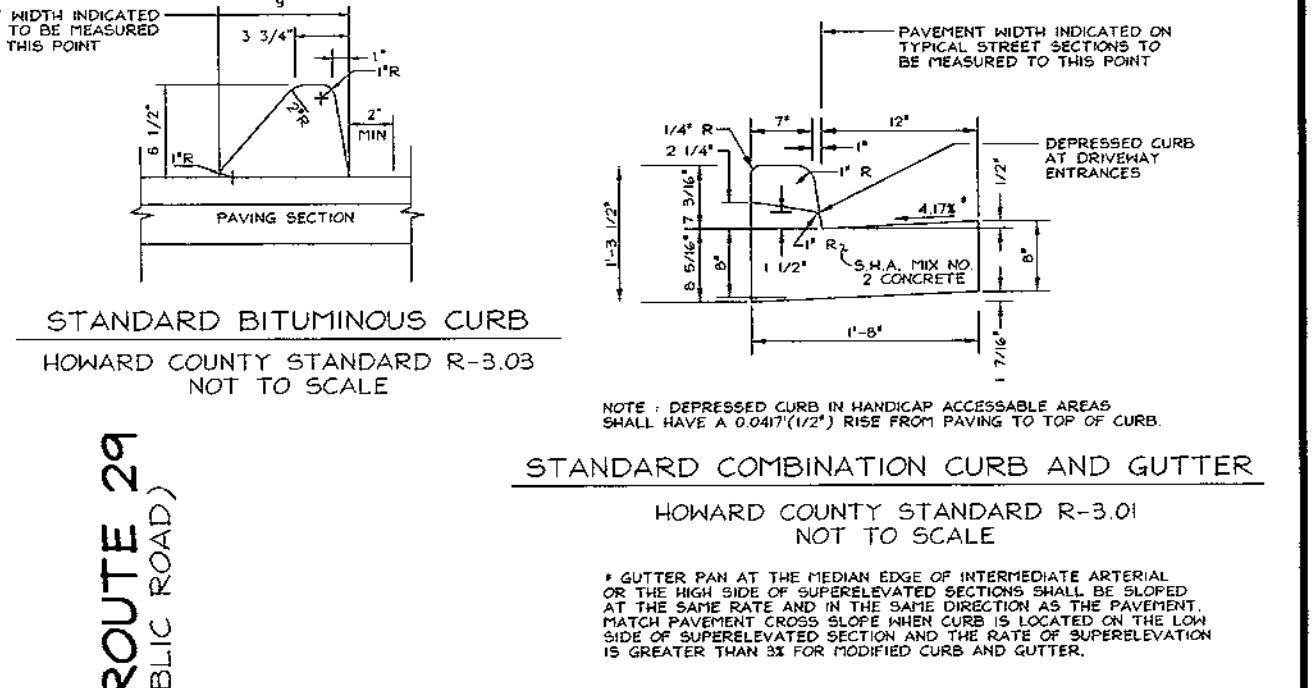
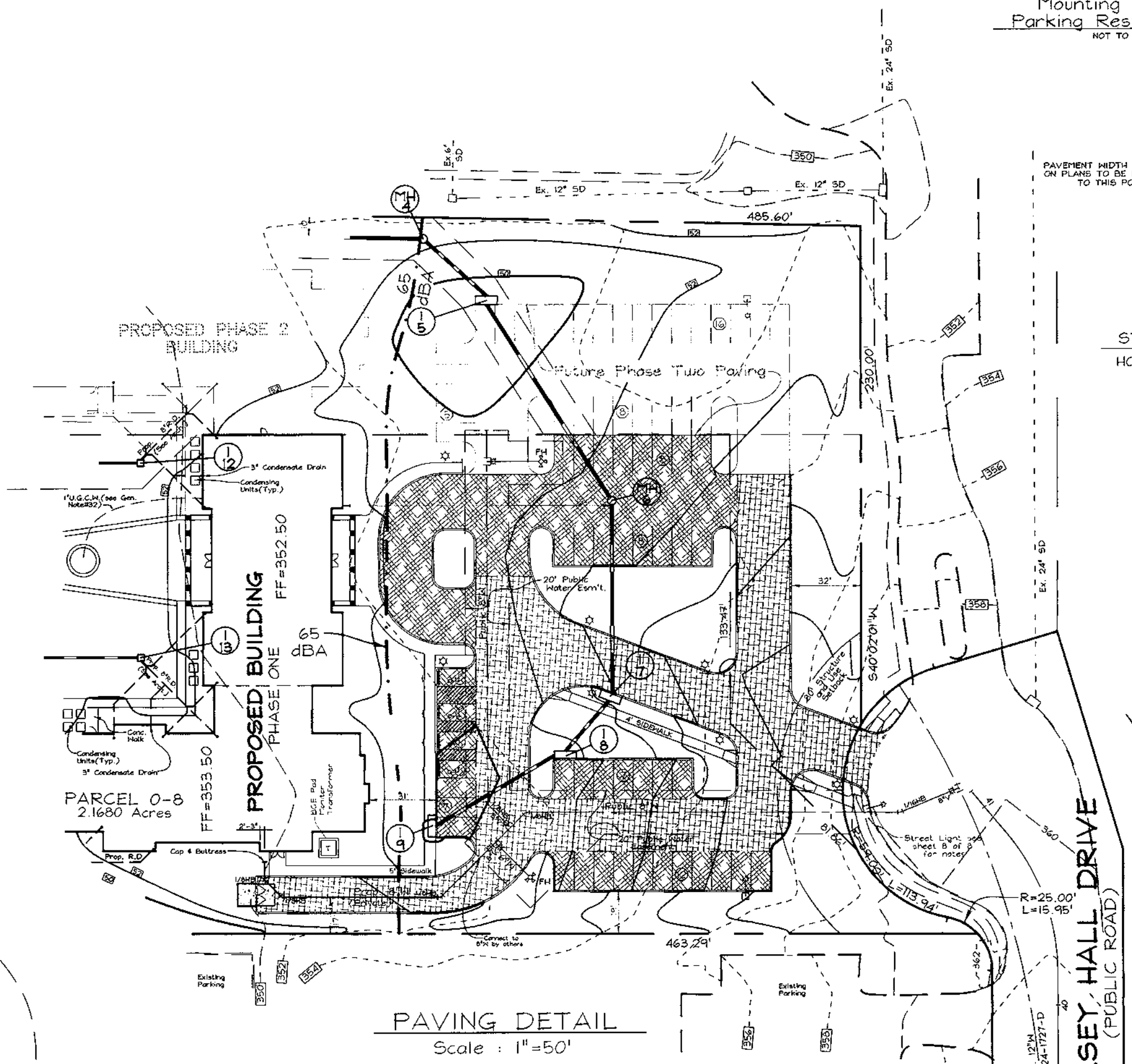
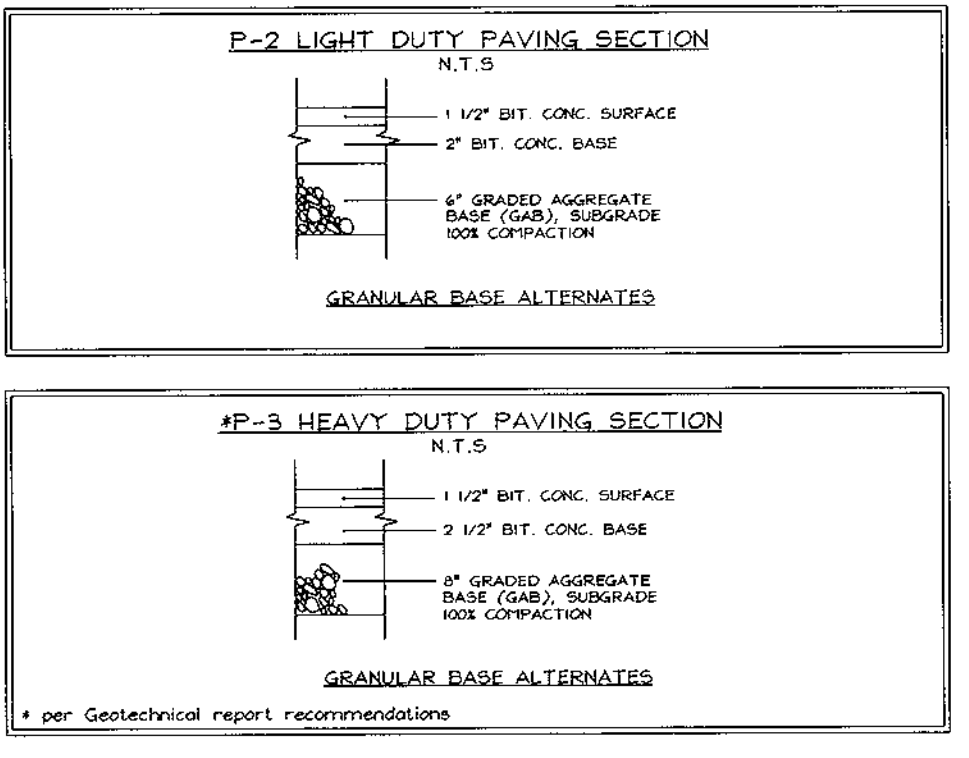
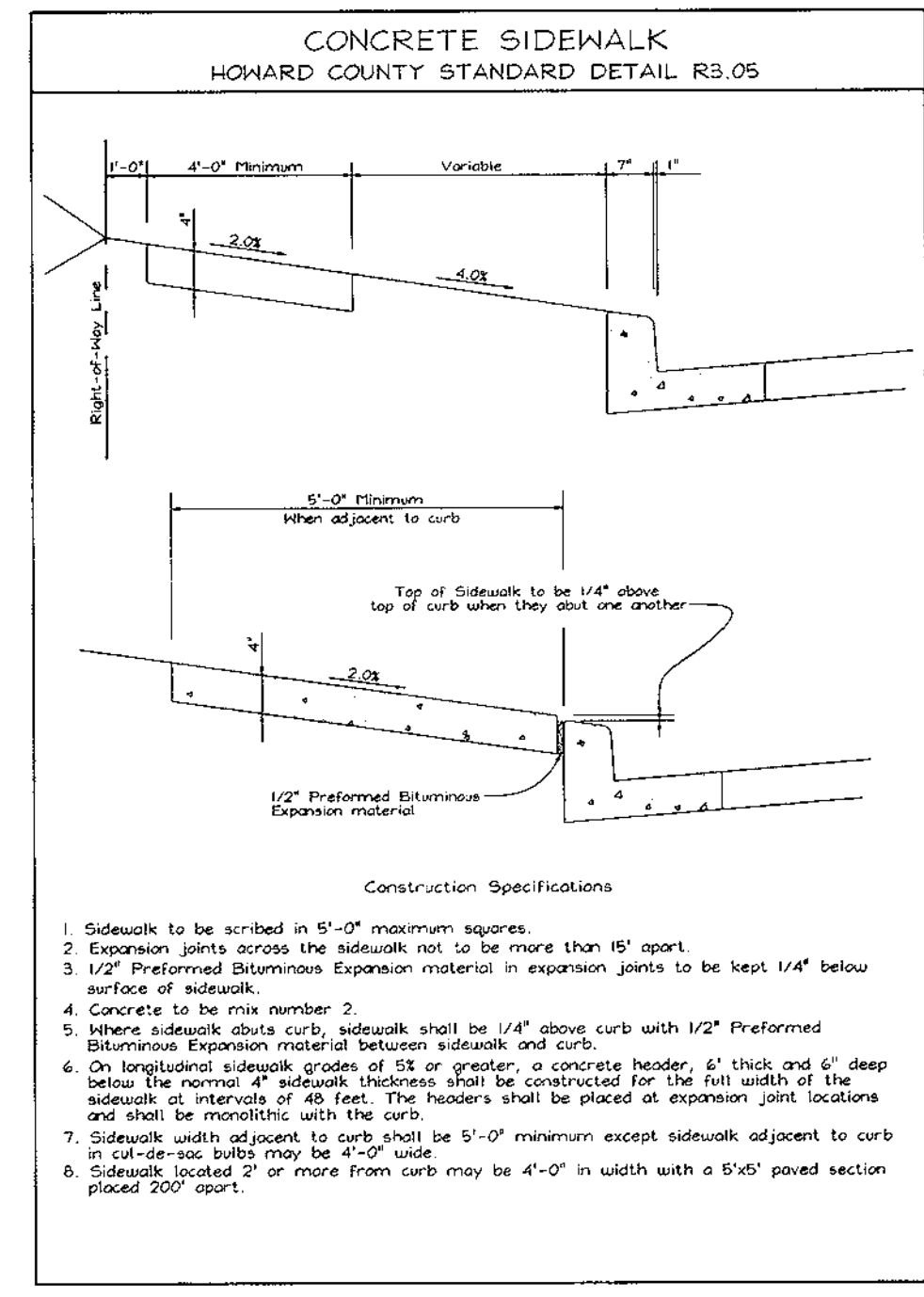
SEWER PROFILES
SCALE: HORIZONTAL - 1"=5'
VERTICAL - 1"=5'



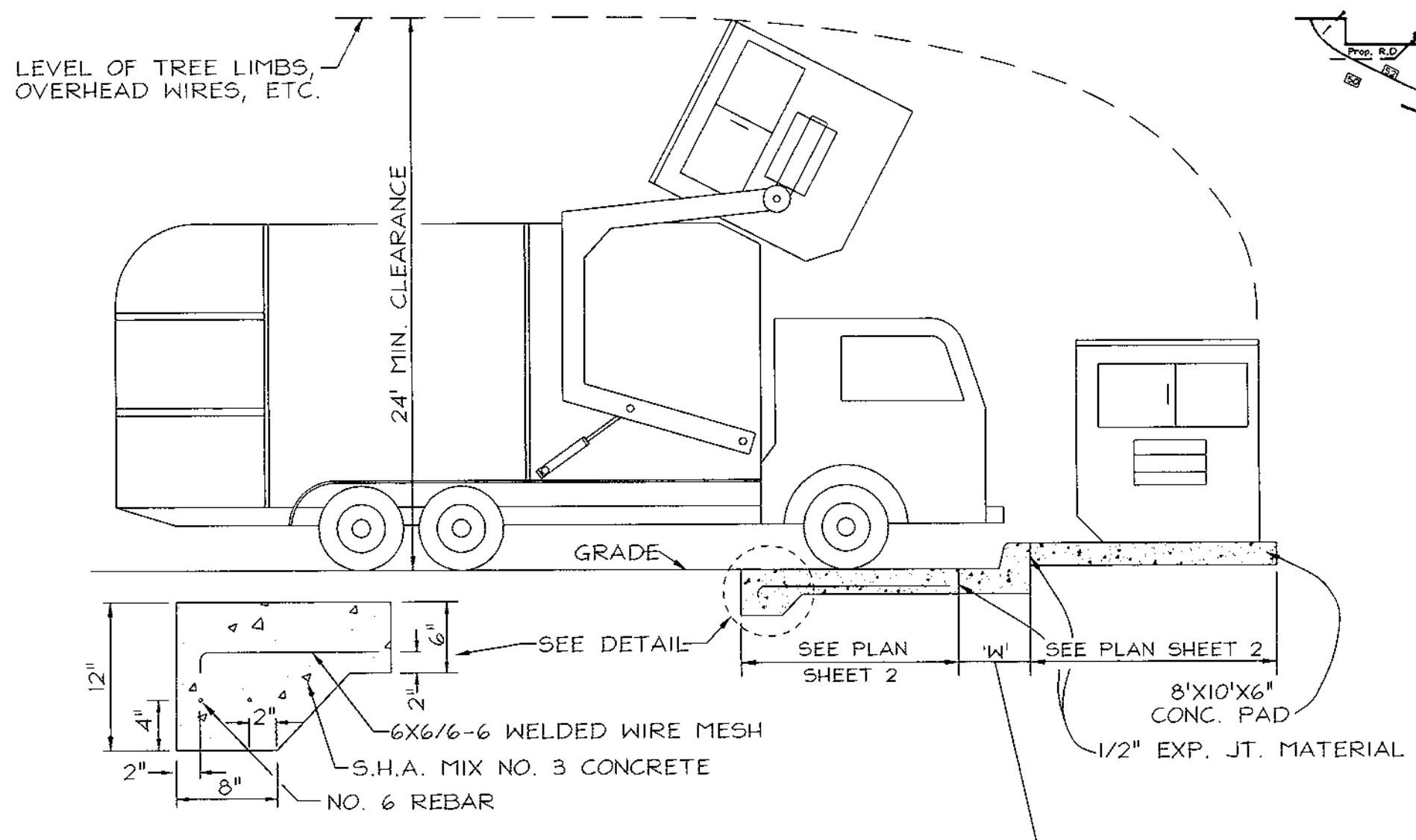
WATER PROFILES
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'



HANDICAP PARKING SIGNS
NOT TO SCALE



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



SOLID WASTE SERVICE PAD
HOWARD COUNTY STD. R 11.01
NOT TO SCALE
FOR DUMPSTER ENCLOSURE DETAIL SEE ARCHITECTURAL PLANS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Scott Butler 10/1/99
DIRECTOR DATE
Cinda Hammit 9/29/99
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
Robert H. Vogel 9/21/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |
| | | |
| | | |
| | | |

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS
3861 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

DESIGN BY: GAH
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H.O. NO.: 98-126

6 SHEET OF 8

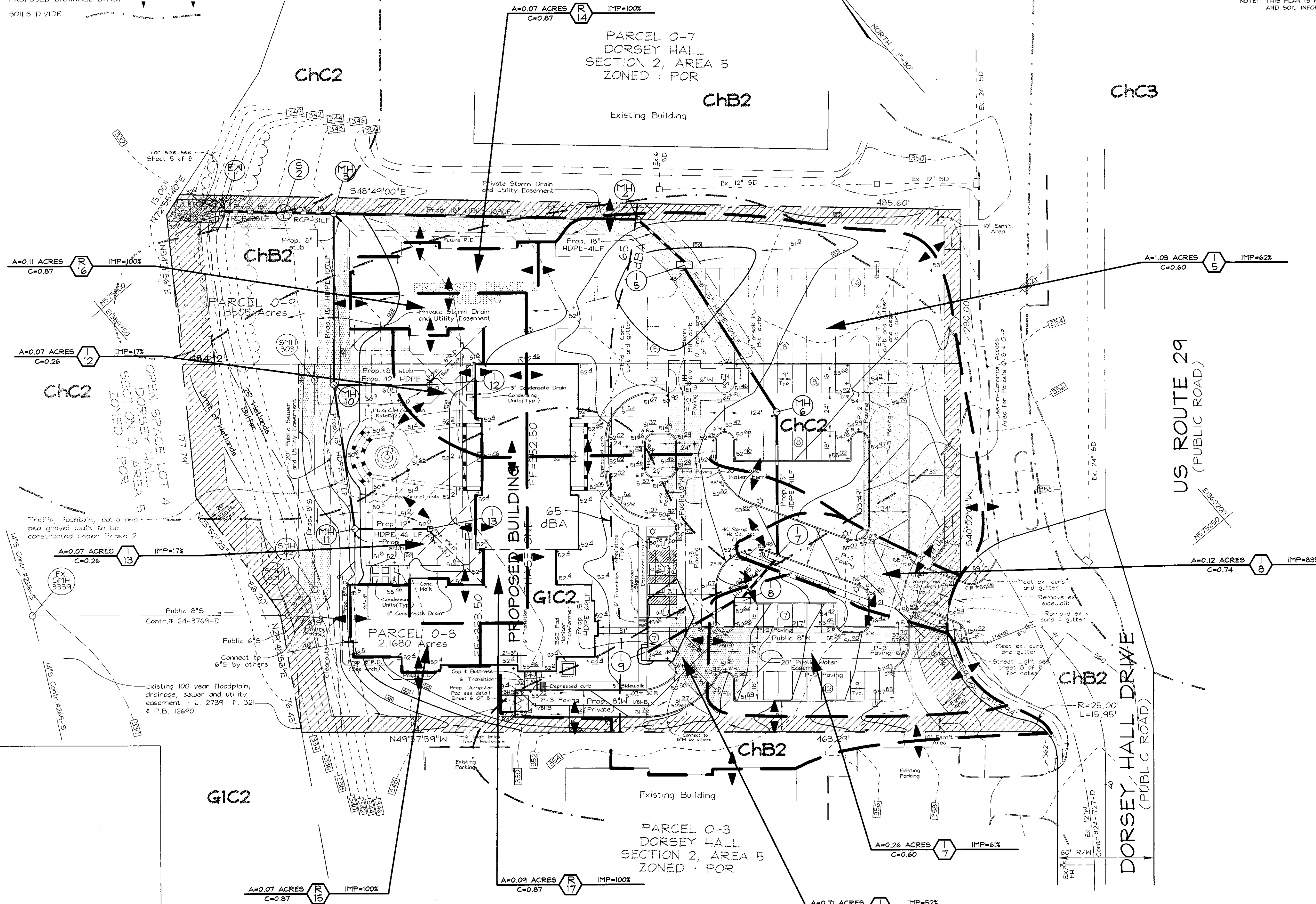
LEGEND

| | | |
|--------------------------|-----|-------|
| EXISTING CONTOUR | --- | 352 |
| PROPOSED CONTOUR | --- | 352 |
| SPOT ELEVATION | + | 82.53 |
| DIRECTION OF FLOW | → | |
| PROPOSED DRAINAGE DIVIDE | —▲— | |
| SOILS DIVIDE | —▲— | |

SOILS LEGEND

| SYMBOL | NAME / DESCRIPTION | SOIL GROUP |
|--------|--|------------|
| ChB2 | CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED | B |
| ChC2 | CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED | B |
| GIC2 | GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED | B |

NOTE: THIS PLAN IS FOR DRAINAGE AREA AND SOIL INFORMATION PURPOSES ONLY.



| NO | REVISION | DATE |
|----|----------|------|
| | | |
| | | |
| | | |

DRAINAGE AREA MAP FOR STORM DRAINAGE SELBORNE HOUSE OF DORSEY HALL
 PHASE ONE
 DORSEY HALL
 TAX MAP #30 PARCELS 0-8 & 0-9
 2ND ELECTION DISTRICT 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

DESIGN BY: GAH
 DRAWN BY: PS
 CHECKED BY: GAH
 DATE: Aug 31, 1999
 SCALE: 1"=30'
 W.O. NO.: 98-126

7 SHEET OF 8

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James S. Rutter 10/11/99
 DIRECTOR DATE

Crista Hamitta 9/29/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Chad Williams 9/21/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

OWNER/DEVELOPER
 SELBORNE-DORSEY
 LIMITED PARTNERSHIP
 C/O ORCHARD DEVELOPMENT
 3974 OLD COLUMBIA PIKE
 ELLICOTT CITY, MARYLAND 21043
 PHONE 410-760-1800
 ATTN: SCOTT ARMIGER

| SCHEDULE B PARKING LOT INTERNAL LANDSCAPING | | |
|--|-----------|-----------|
| | PHASE ONE | PHASE TWO |
| NUMBER OF PARKING SPACES | 42 | 29 |
| NUMBER OF TREES REQUIRED | 2 | 2 |
| NUMBER OF TREES PROVIDED | | |
| SHADE TREES | 16 | 6 |
| OTHER TREES(2:1 SUBSTITUTION) | 14 | - |

NOTES

- FRONT ENTRY WALK TO BE SCORED CONCRETE 1'-4" EACH WAY W/BRICK BORDERS AND EDGES UNDER COLUMNS AT PORCHES
- TRELLIS, FOUNTAIN, PATIO AND PEA GRAVEL WALK TO BE CONSTRUCTED UNDER PHASE 2.
- SEE SHEET 6 OF 8 FOR PLANTING DETAILS
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING MUST BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$3,180.00 FOR 8 SHADE TREES AND 26 SHRUBS.
- ONE 250 WATT HPS CUTOFF, 30' BRONZE FIBERGLASS LIGHT POLE WITH 12' ARM.
- PROPOSED TREES MUST BE SPACED A MINIMUM OF 20' FROM PROPOSED STREET LIGHTS, WITHIN THE PUBLIC RIGHT-OF-WAY.

PARCEL 0-7
DORSEY HALL
SECTION 2, AREA 5
ZONED : POR

LEGEND

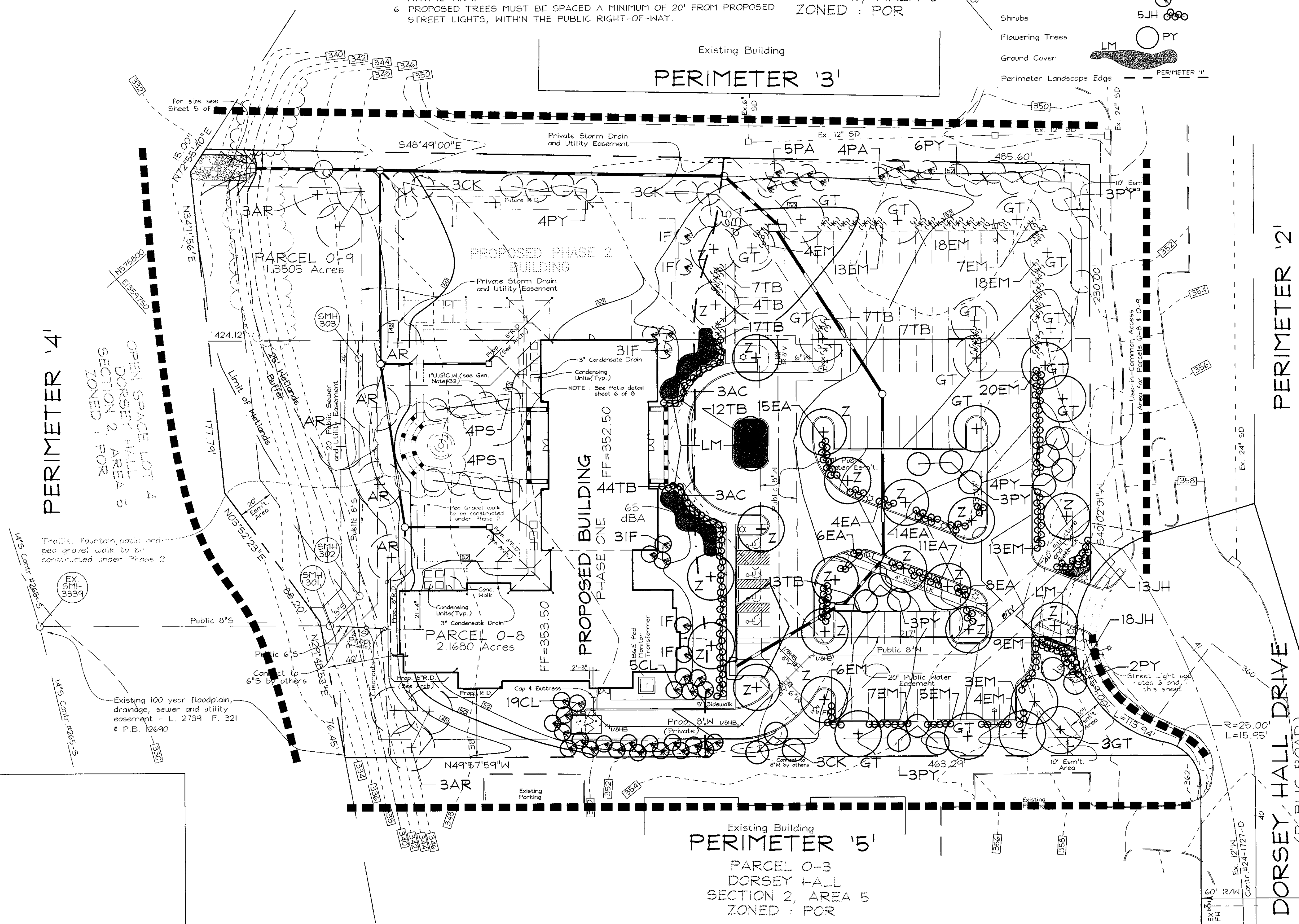
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Flow
- Existing Trees to Remain
- Light Poles
- Shade Trees
- Evergreen Trees
- Shrubs
- Flowering Trees
- Ground Cover
- Perimeter Landscape Edge

| CATEGORY | ADJACENT TO ROADWAYS | | | | | ADJACENT TO PERIMETER PROPERTIES | | | | |
|--|----------------------|-----|------|-----|-----|----------------------------------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 |
| PERIMETER/FRONTAGE DESIGNATION | E | A | A | A | A | | | | | |
| LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER | 70 | 230 | 486 | 335 | 463 | | | | | |
| CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED) | NO | NO | NO | NO | NO | | | | | |
| CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED) | NO | NO | NO | NO | NO | | | | | |
| NUMBER OF PLANTS REQUIRED | 1:40 | 2 | 1:60 | 4 | 0* | 0* | 0* | 0* | 0* | 0* |
| SHADE TREES | - | - | - | - | - | - | - | - | - | - |
| EVERGREEN TREES | - | - | - | - | - | - | - | - | - | - |
| SHRUBS | 1:4 | 18 | - | - | - | - | - | - | - | - |
| NUMBER OF PLANTS PROVIDED | | | | | | | | | | |
| SHADE TREES | 3 | - | 4 | 2 | - | 5 | 9 | 6 | 2 | 3 |
| EVERGREEN TREES | - | - | - | - | - | - | - | - | - | - |
| OTHER TREES(2:1 SUBSTITUTION) | 2 | - | 4 | 3 | - | 16 | - | - | 19 | 6 |
| SHRUBS(10:1 SUBSTITUTION) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED) | 30 | - | 46 | 25 | - | - | - | - | - | - |

*LANDSCAPING IS NOT REQUIRED BECAUSE ADJOINING PROPERTIES ARE WITHIN THE SAME SUBDIVISION

| LANDSCAPE SCHEDULE | | | | | |
|--------------------|----------|--|------------------|-------|--|
| KEY | QUANTITY | BOTANICAL NAME | SIZE | COM. | |
| PH 1 | PH 2 | | | | |
| AR | 0 | Acer Rubrum 'October Glory' | 2 1/2"-3" Cal. | B # B | |
| Z | 17 | Zeikova Serrata 'Green Vase' | 2 1/2"-3" Cal. | B # B | |
| GT | 9 | Gledisia Triacanthos Inermis 'Skyline' | 2-2 1/2" Cal. | B # B | |
| PY | 15 | Prunus Yedoensis | 1 1/2"-2" Cal. | B # B | |
| CK | 3 | Cornus Kousa | 8' - 10' Ht. | B # B | |
| M | 2 | Magnolia Stellata | 6' - 8' Ht. | B # B | |
| PS | 0 | Prunus Serrulata 'Kwanzan' | 1 1/2" - 2" Cal. | B # B | |
| AC | 6 | Amelanchier Canadensis | 1 1/2"-2" Cal. | B # B | |
| CL | 24 | Cupressosypris Leylandi | 6' - 8' Ht. | B # B | |
| PA | 0 | Picea Abies | 6' - 8' Ht. | B # B | |
| IF | 5 | Ilex attenuata 'Fosterii' | 1 1/2"-2" Cal. | B # B | |
| EM | 67 | Euonymus Alatus 'Compacta' | 2' - 2 1/2" Ht. | - | |
| EA | 58 | Euonymus Alatus 'Manhattan' | 2' - 2 1/2" Ht. | - | |
| TB | 86 | Taxus Baccata 'Repandens' | 18" - 24" Sp. | - | |
| JH | 31 | Juniperus Horizontalis 'Plumosa' | 18" - 24" Sp. | - | |
| LM | 687 | Liriope | 18" - 24" Sp. | - | |

NOTE: THIS PLAN IS FOR THE PURPOSE OF LANDSCAPING AND SITE LIGHTING ONLY.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DATE: 10/1/99
 DATE: 7/21/99
 DATE: 9/21/99

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.
 DATE: 8/31/99

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

LANDSCAPE PLAN
 SELBORNE HOUSE OF
 DORSEY HALL
 PHASE ONE
 DORSEY HALL
 TAX MAP #30 PARCELS 0-8 & 0-9
 2ND ELECTION DISTRICT 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

DESIGN BY: GAH
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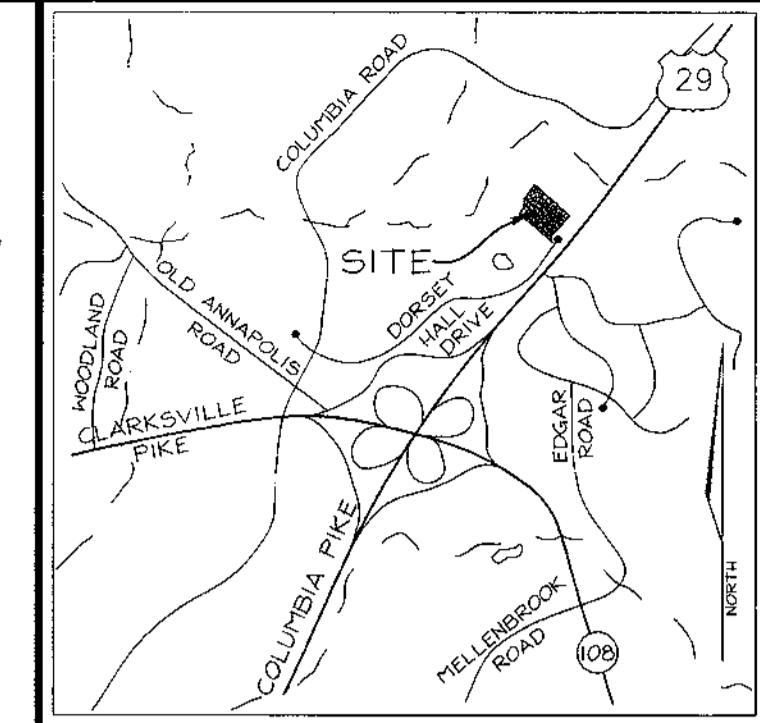
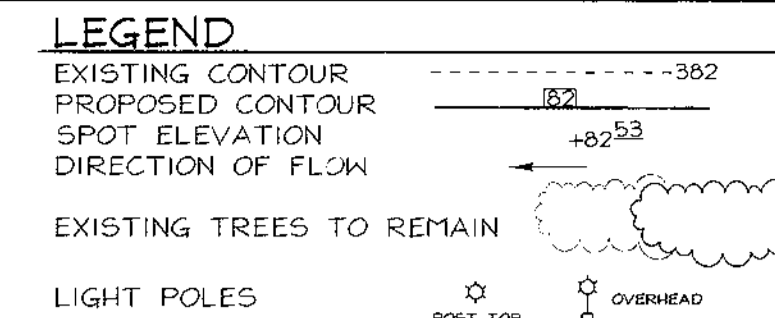
8 SHEET OF 8

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: 3.519 AC±
 PRESENT ZONING: FOR
 USE OF STRUCTURE: ELDERLY HOUSING BUILDING AREA
 PHASE ONE: 15,574 SF±
 PHASE TWO: 8562 SF±
 BUILDING COVERAGE ON SITE: 0.55 AC OR 15.7% OF GROSS AREA
 PAVED PARKING LOT/AREA ON SITE: 0.94 AC OR 26.6% OF GROSS AREA
 AREA OF LANDSCAPE ISLAND: 0.21 AC = 9022.6 SF
- PROJECT BACKGROUND:
 LOCATION: COLUMBIA, MD.; TAX MAP 30, PARCELS 0-8 & 0-9
 ZONING: FOR
 SECTION/AREA: 2/5
 SITE AREA: 3.519 AC±
 DPZ REFERENCES: F-97-139, F-88-37, CONTR. #24-1727-D, CONTR. #265-5, F-85-16, 5-78-20, P-84-27, P-86-26, F-86-247, F-91-06
- 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 RCP STORM DRAIN PIPE BEDDING SHALL BE CLASS 'C'. ALL HDPE PIPE BEDDING SHALL BE PER MANUFACTURERS RECOMMENDATIONS.
- COORDINATES AND ELEVATIONS ARE BASED ON HOWARD COUNTY RIGHT-OF-WAY MONUMENTS.
- EXISTING TOPOGRAPHY IS FROM A TOPOGRAPHIC SURVEY PERFORMED BY VOGEL & ASSOCIATES, INC. IN NOVEMBER 1998.
- ALL PAVING TO BE P-2 PAVING UNLESS OTHERWISE NOTED.
- ALL CURB AND GUTTER TO BE HOWARD COUNTY STANDARD CONCRETE DETAIL 3.01 UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR RESPONSIBLE TO CONSTRUCT ALL HANDICAP PARKING AND HANDICAP ACCESS IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS.
- WHERE DRAINAGE FLOWS AWAY FROM CURB, CONTRACTOR TO REVERSE THE GUTTER PAN.
- PUBLIC WATER AVAILABLE ON SITE (8" WATER) CONTRACT NO. 24-3769-D.
- PUBLIC SEWER AVAILABLE IN OPEN SPACE LOT 4 (8" SEWER) CONTRACT NO. 24-3769-D.
- STORMWATER MANAGEMENT IS PROVIDED PER F-85-16, DORSEY HALL SECTION TWO AREA ONE-COLUMBIA ROAD. WATER QUALITY IS PROVIDED ON SITE BY A STORMCEPTER.
- ALL EXTERIOR LIGHTING SHALL CONFORM TO ZONING REGULATIONS SECTION 13.4.
- ALL ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- MAXIMUM BUILDING HEIGHT ALLOWED: 50'; MAXIMUM BUILDING HEIGHT PROPOSED: 47'
- TOTAL NUMBER OF BUILDINGS: 1; TOTAL NUMBER OF FLOORS: 4
- TOTAL FLOOR AREA: PHASE ONE - 62,296 SF; PHASE TWO - 34,326 SF
- AN INSIDE WATER METER SHALL BE PROVIDED.
- 65 dBA LINE IS BASED ON A NOISE STUDY PERFORMED BY VOGEL & ASSOCIATES, INC. IN MARCH, 1999.
- DEPRESSED CURB TO HAVE A 0.0417"(1/24") RISE FROM PAVING TO TOP OF CURB.
- LOCATION AND ELEVATION OF 1" U.G.C.W. TO FOUNTAIN TO BE DETERMINED BY PLUMBING CONTRACTOR.
- Forest Conservation obligations have been addressed by the filing of a Declaration of Intent.
- ALL UNITS HAVE INDIVIDUAL KITCHEN FACILITIES. THE 72 UNITS IN PHASE I ARE EXEMPT FROM THE REQUIREMENT FOR HOUSING UNIT ALLOCATIONS IN ACCORDANCE WITH SECT. 16.1107.b.4 OF THE APFO.

SELBORNE HOUSE OF DORSEY HALL

PHASE ONE + TWO



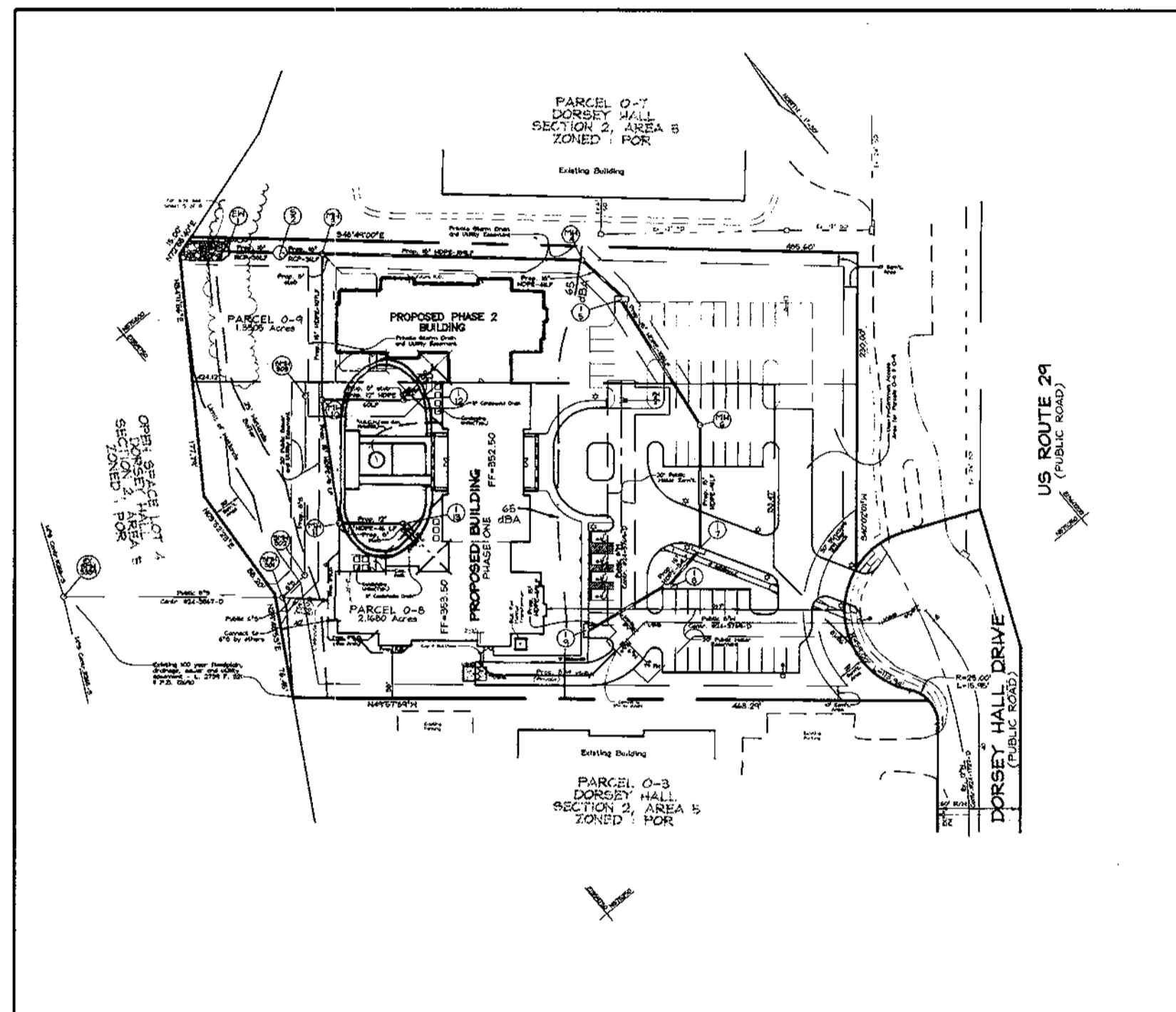
BENCHMARKS

R/W MONUMENT
 REBAR & CAP
 NW SIDE OF DORSEY HALL DR. CUL-DE-SAC
 ELEV. 361.36

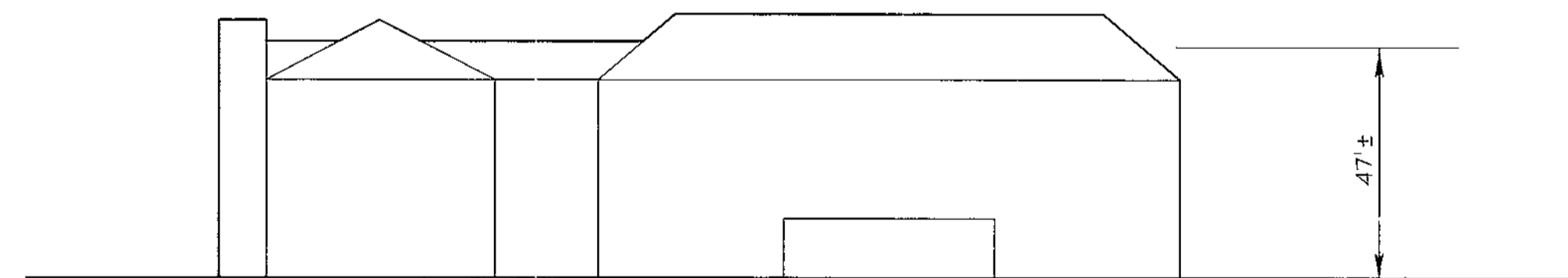
R/W MONUMENT
 REBAR & CAP
 NE SIDE OF DORSEY HALL DR. CUL-DE-SAC
 ELEV. 361.41

SHEET INDEX

| DESCRIPTION | SHEET NO. |
|--|-----------|
| COVER SHEET | 1 of 8 |
| SITE DEVELOPMENT PLANS | 2 of 8 |
| SEDIMENT AND EROSION CONTROL PLANS | 3 of 8 |
| SEDIMENT AND EROSION CONTROL DETAILS | 4 of 8 |
| STORM DRAIN PROFILES | 5 of 8 |
| WATER AND SEWER PROFILES/MISCELLANEOUS DETAILS | 6 of 8 |
| DRAINAGE AREA MAP, PROPOSED CONDITIONS | 7 of 8 |
| LANDSCAPE PLANS | 8 of 8 |



LOCATION MAP
SCALE: 1"=100'



BUILDING ELEVATION
SCALE: 1"=30'

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

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

COUNTY HEALTH OFFICER: _____ DATE: _____

ADDRESS CHART

| | |
|------------|------------------------|
| PARCEL NO. | STREET ADDRESS |
| 0-8 | 5320 DORSEY HALL DRIVE |
| 0-9 | 5320 DORSEY HALL DRIVE |

| | | |
|------------------|--------------|---------------|
| SUBDIVISION NAME | SECTION/AREA | PARCEL NUMBER |
| DORSEY HALL | 2/5 | 0-8 & 0-9 |

| | | | | |
|----------|-----------|------|-----------------------|------------|
| PLAT NO. | BLOCK NO. | ZONE | TAX/ZONE ELECT. DIST. | CENSUS TR. |
| 13952 | 4 | FOR | 30 2ND | 6023.01 |

WATER CODE: 4 SEWER CODE: 5750600

PARKING TABULATION

PHASE ONE PARKING REQUIRED
 72 UNITS @ 2 SPACES/5 UNITS = 28.8
 PARKING PROVIDED = 41

PHASE TWO PARKING REQUIRED
 48 UNITS @ 2 SPACES/5 UNITS = 19.2
 PARKING PROVIDED = 29

TOTAL SPACES PROVIDED = 70
 TOTAL HANDICAP SPACES REQUIRED = 4(3 STD./1VAN)
 TOTAL HANDICAP SPACES PROVIDED = 4(3 STD./1VAN)

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 10/1/99
 DIRECTOR DATE

[Signature] 9/29/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

[Signature] 9/21/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

| | | |
|-----|-------------------------|---------|
| 1 | ADD GAZEBO AND FOUNTAIN | 11/6/01 |
| NO. | REVISION | DATE |

COVER SHEET
SELBORNE HOUSE OF DORSEY HALL
 PHASE ONE + TWO
 DORSEY HALL

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

VOGEL & ASSOCIATES
 ENGINEERS-SURVEYORS-PLANNERS

3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
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1 SHEET OF 8

PARCEL 0-7
DORSEY HALL
SECTION 2, AREA 5
ZONED: POR

Existing Building

PARCEL 0-9
1.3505 Acres

PROPOSED PHASE 2
BUILDING

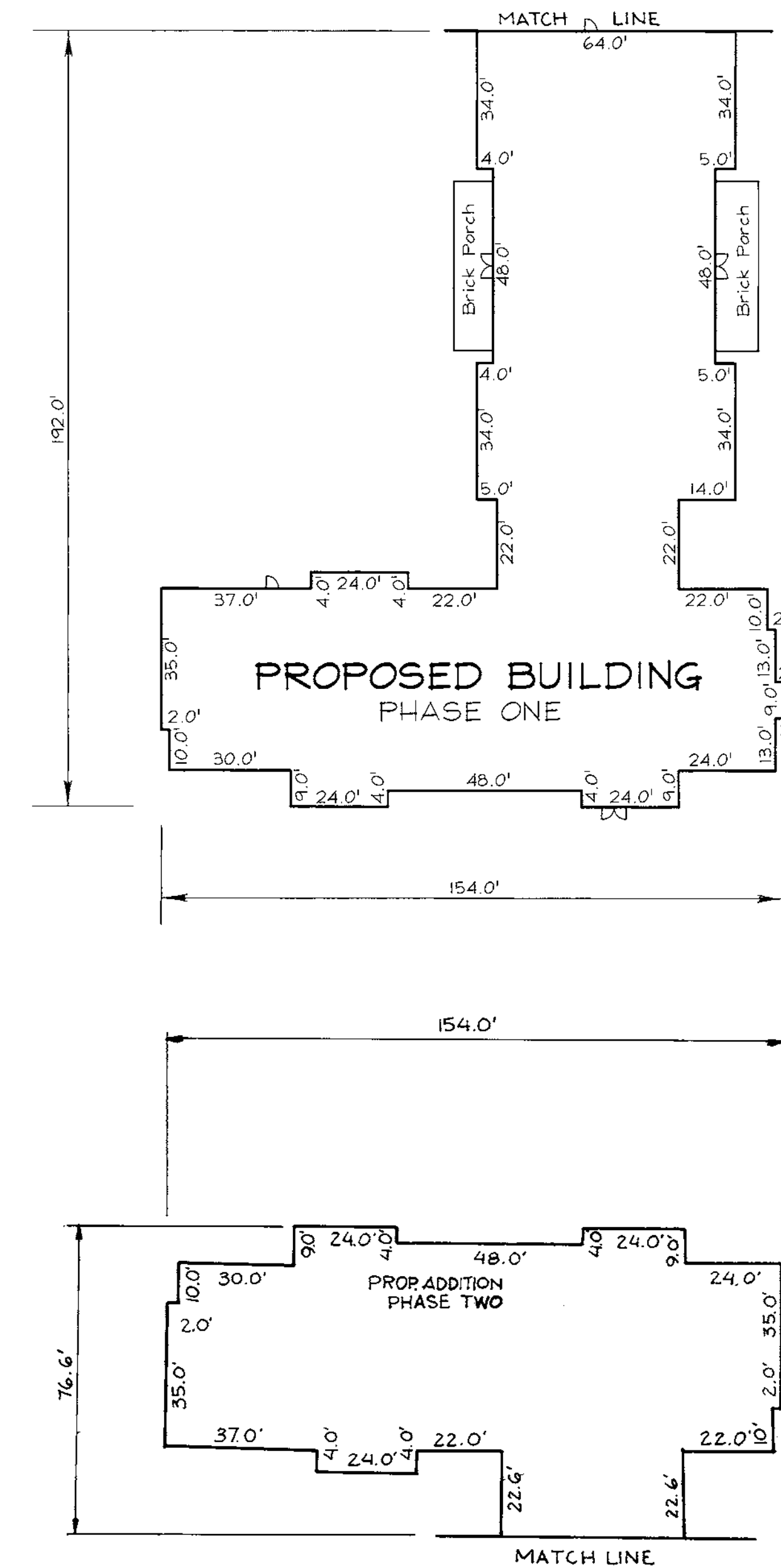
PROPOSED BUILDING
PHASE ONE

PARCEL 0-8
2.1680 Acres

PARCEL 0-3
DORSEY HALL
SECTION 2, AREA 5
ZONED: POR

Existing Building

Existing Building



US ROUTE 29
(PUBLIC ROAD)

DORSEY HALL DRIVE
(PUBLIC ROAD)

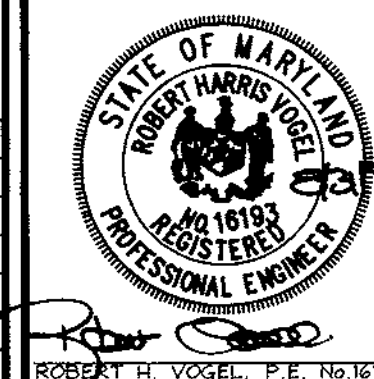
Note:
For P-2 and P-3 paving divides, see Paving Detail on sheet 6 of 8

SITE DEVELOPMENT PLAN
SELBORNE HOUSE OF
DORSEY HALL
PHASE ONE + TWO
DORSEY HALL

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

VOGEL & ASSOCIATES
ENGINEERS-SURVEYORS-PLANNERS

3601 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
Tel 410.451.5828 Fax 410.465.3966



DESIGN BY: GAH
DRAWN BY: PS
CHECKED BY: GAH
DATE: Aug. 31, 1999
SCALE: 1"=30'
H.O. NO.: 98-126

2 SHEET OF 8

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James R. Butler 10/1/99
DIRECTOR DATE
Cindy Harvatta 9/29/99
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
Chad Cummings 9/2/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

OWNER/DEVELOPER

SELBORNE-DORSEY
LIMITED PARTNERSHIP
C/O ORCHARD DEVELOPMENT
3474 OLD COLUMBIA PIKE
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-750-1800
ATTN: SCOTT ARMIGER

1 ADD PHASE 2 BLDG & PARKING
NO REVISION

5-29-01
DATE

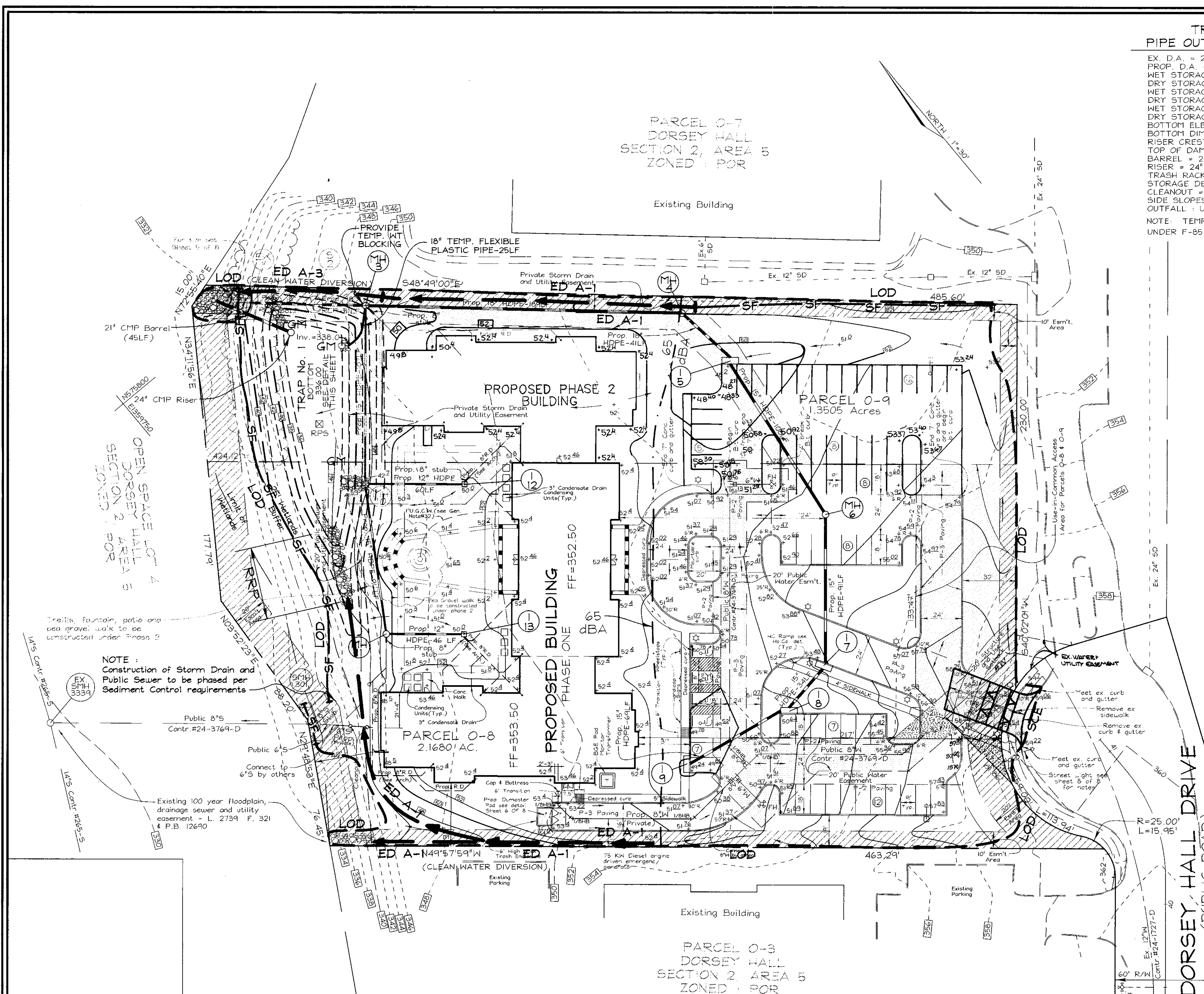
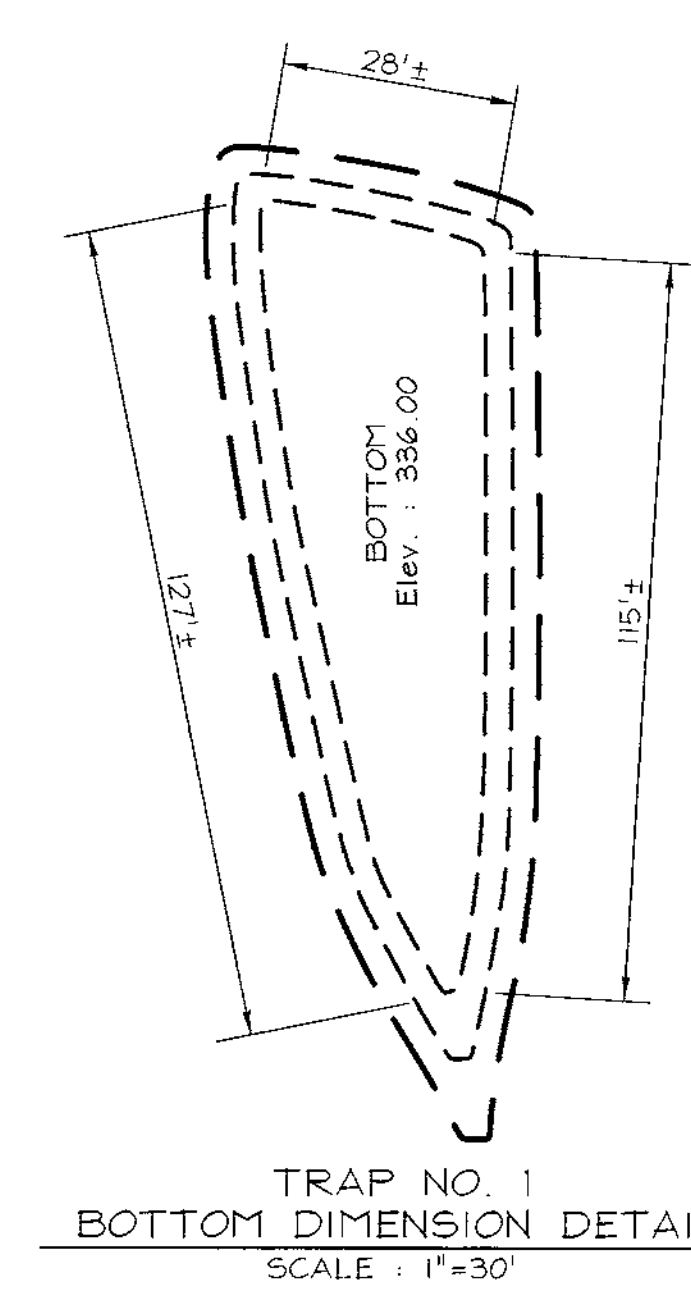
TRAP NO. 1 (ST-1)
PIPE OUTLET SEDIMENT TRAP

EX. D.A. = 2.9 ACRES
PROP. D.A. = 3.36 ACRES
WET STORAGE REQUIRED = 6048 CF
DRY STORAGE REQUIRED = 6048 CF
WET STORAGE PROVIDED = 11,841 CF
DRY STORAGE PROVIDED = 11,396 CF
WET STORAGE ELEV. = 339.0
DRY STORAGE ELEV. = 341.0
BOTTOM ELEV. = 336.0
BOTTOM DIMENSIONS = SEE DETAIL BELOW
RISER CREST = 341.0
TOP OF DAM = 342.0
BARREL = 21"
RISER = 24"
TRASH RACK = 36"
STORAGE DEPTH = 5.0'
CLEANOUT = 337.50
SIDE SLOPES = 2:1
OUTFALL : UNDISTURBED

NOTE: TEMPORARY STORMWATER MANAGEMENT IS PROVIDED UNDER F-85-16, DORSEY HALL, SECTION 2, AREA 1, COLUMBIA ROAD.

LEGEND

- EXISTING CONTOUR - - - - -
- PROPOSED CONTOUR - - - - -
- SPOT ELEVATION +82.53
- DIRECTION OF FLOW →
- TREE PROTECTION FENCE
- EXISTING TREES TO REMAIN
- LIGHT POLES POST TOP ○ OVERHEAD
- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- EARTH DIKE
- LIMIT OF DISTURBANCE
- RIP-RAP INFLOW PROTECTION RRP
- GABION INFLOW PROTECTION
- REMOVABLE PUMPING STATION RPS
- EXISTING DRAINAGE DIVIDE



US ROUTE 29
(PUBLIC ROAD)
DORSEY HALL DRIVE
(PUBLIC ROAD)

NOTE:
Construction of Storm Drain and Public Sewer to be phased per Sediment Control requirements

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

Paul Simmons 9/31/99
DATE

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

John P. Peterson 9/31/99
DATE

DEVELOPER'S CERTIFICATE

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, 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.

RS 9/31/99
SIGNATURE OF DEVELOPER DATE

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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Robert H. Vogel 9/31/99
SIGNATURE OF ENGINEER DATE
ROBERT H. VOGEL, P.E. No. 16193

| NO. | REVISION | DATE |
|-----|----------------------------|---------|
| 1 | ADD PHASE 2 BLDG & PARKING | 5-29-01 |

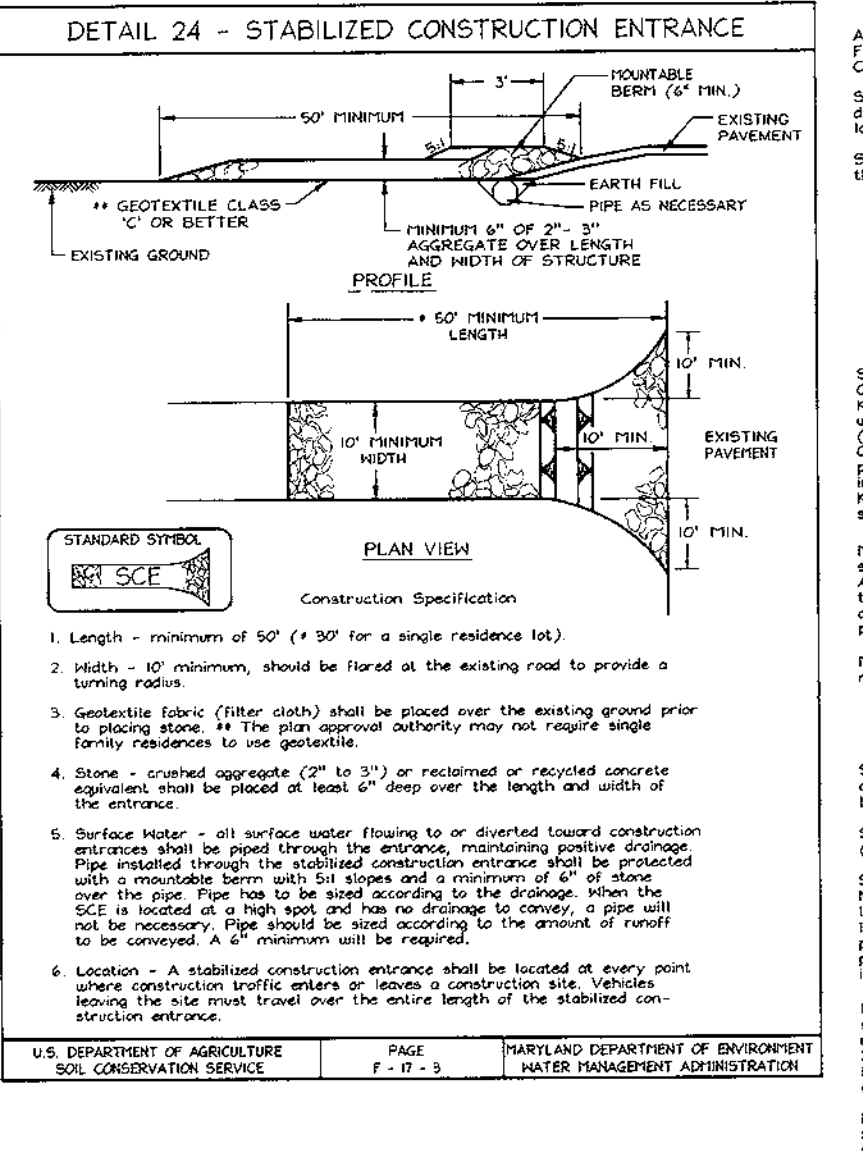
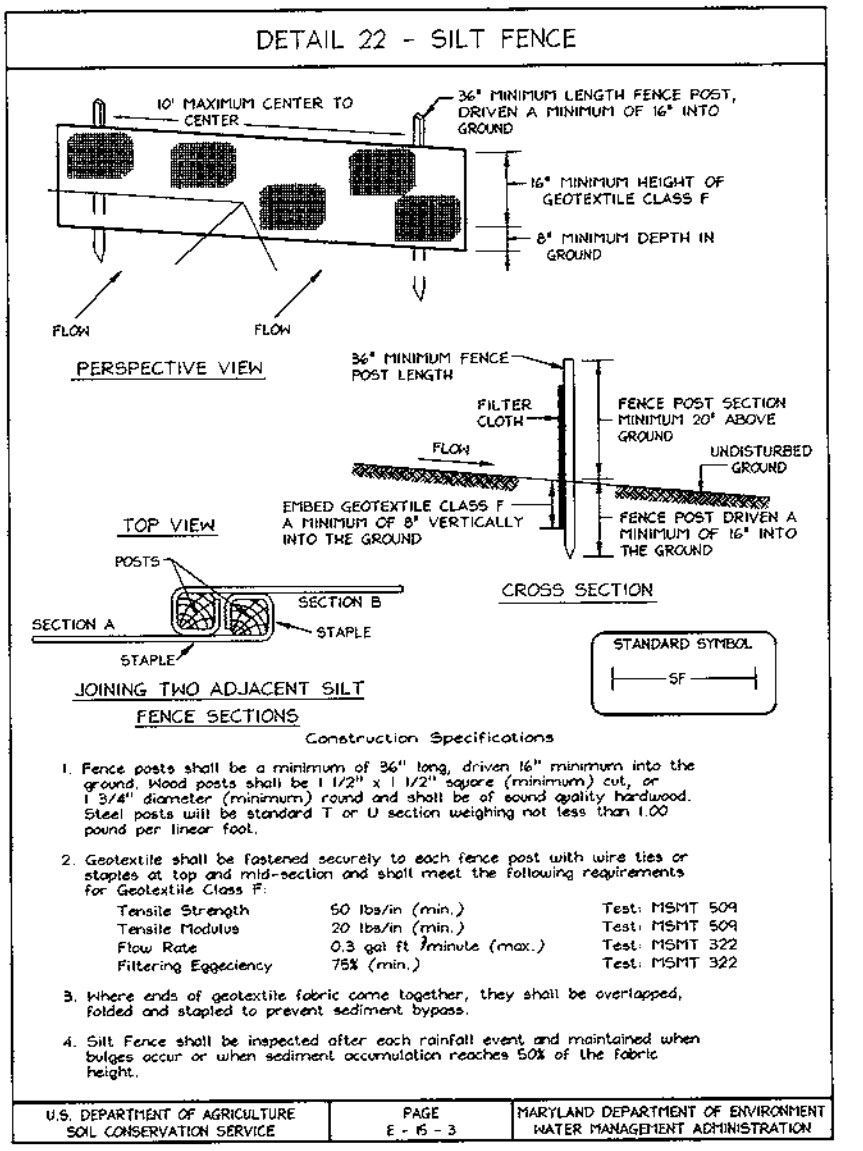
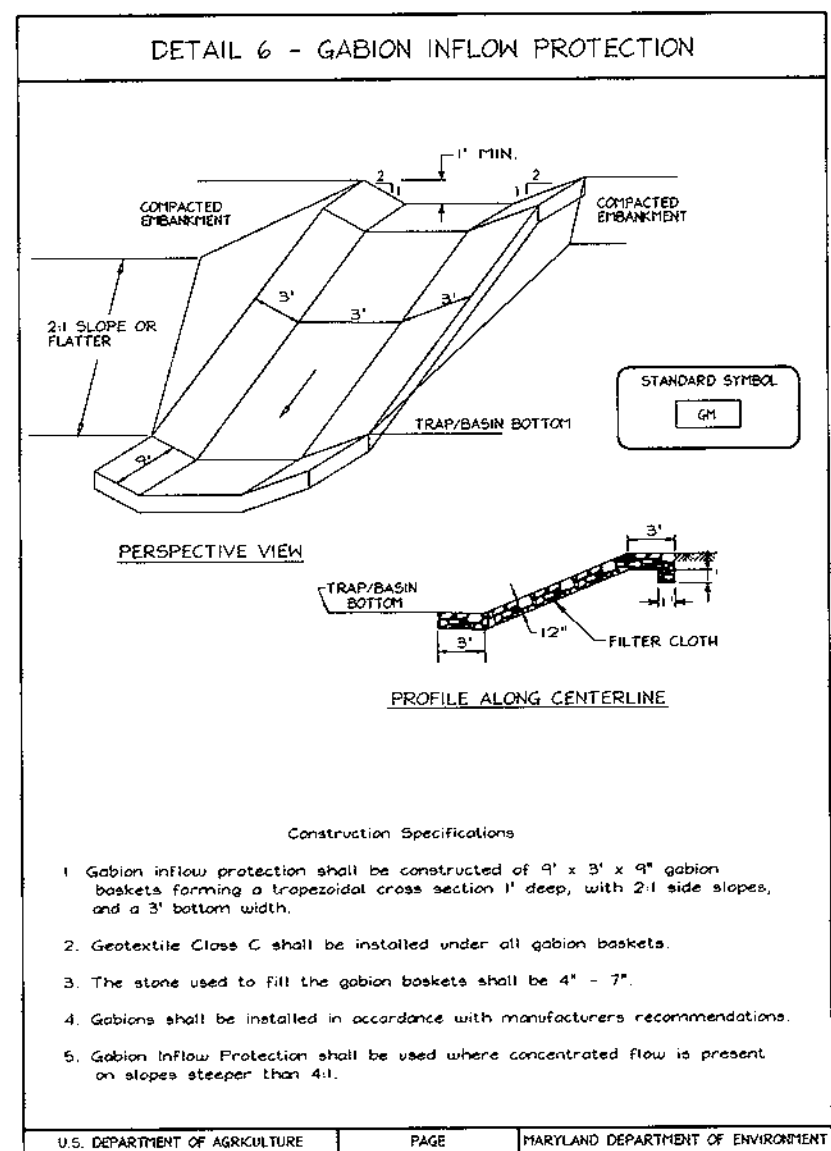
SEDIMENT AND EROSION CONTROL PLAN
SELBORNE HOUSE OF DORSEY HALL
PHASE ONE + TWO
DORSEY HALL
TAX MAP #30 PARCELS 0-8 & 0-9
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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

STATE OF MARYLAND PROFESSIONAL ENGINEER

DESIGN BY: GAH
DRAWN BY: PS
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SCALE: 1"=30'
W.O. NO.: 98-126

3 SHEET OF 8



PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE REVEGETATION. WHERE A PERMANENT LONG-LEIVED VEGETATIVE COVER IS REQUIRED:

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred - Apply 2 tons per acre domestic fertilizer (40 lbs/1000 sq ft) and 100 lbs per acre (10-10-10 fertilizer) (14 lbs/1000 sq ft) at the time of seeding. Apply 500 lbs per acre (50 lbs/1000 sq ft) before seeding. Monitor or test into ground three inches of soil.
- 2) Acceptable - Apply 2 tons per acre domestic fertilizer (40 lbs/1000 sq ft) and 100 lbs per acre (10-10-10 fertilizer) (14 lbs/1000 sq ft) before seeding. Monitor or test into ground three inches of soil.

SEEDING: For the periods March 1 thru April 30, and August 1 thru October 31, seed with 50 lbs per acre (5 lbs/1000 sq ft) of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.2 lbs/1000 sq ft) of Ryegrass. For the periods November 1 thru April 30, seed with 50 lbs per acre (5 lbs/1000 sq ft) of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.2 lbs/1000 sq ft) of Ryegrass. For the periods May 1 thru October 31, seed with 50 lbs per acre (5 lbs/1000 sq ft) of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.2 lbs/1000 sq ft) of Ryegrass.

MULCHING: Apply 1/2 to 2 tons per acre (70 to 140 lbs/1000 sq ft) of certified small grain straw immediately after seeding. Apply mulch immediately after seeding using mulch spreading tool or 210 gallons per acre (21 gal/1000 sq ft) of mulch spreader. Apply 111 gallons per acre (11.1 gal/1000 sq ft) of mulch spreader. Apply 2 tons per acre (200 lbs/1000 sq ft) of mulch spreader. Apply 111 gallons per acre (11.1 gal/1000 sq ft) of mulch spreader.

PERMANENCE: Monitor all seeded areas and make needed repairs, reseedings and watering.

21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

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

Purpose: To provide a suitable seed medium for vegetative growth. Topsoil of concern here has moisture content, low nutrient levels, low pH, moderate texture to sands, and is unacceptable soil gradation.

Conditions Under Which Practice Applies:

1. The practice is limited to areas having 21 or flatter slopes where:
 - a. The texture of the exposed subsoil/parent material is not suitable to produce vegetative growth.
 - b. The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish containing supplies of moisture and plant nutrients.
 - c. The original soil to be vegetated contains material too plant growth.
2. The soil is so acidic that treatment with lime/limes is not feasible.
3. For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization on the plan.

Construction and Material Specifications:

1. 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 salvaged for a given site type can be found in the representative soil profile section on the Soil Survey. Topsoil Specifications 1-5 shall be used in conjunction with the following:
 - a. Topsoil shall be placed in a loose, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by the engineer or a soil scientist and approved by the appropriate approval authority. Regardless, topsoil must be a mixture of plant nutrients.
 - b. Topsoil shall contain less than 5% by volume of stones, rocks, roots, or other materials larger than 1 and 1/2" in diameter.
 - c. Topsoil must be free of plants or plant parts such as weeds, ivy, thistle, or others as specified.
2. For sites having disturbed areas under 5 acres:
 - a. Topsoil shall be uniformly distributed in a 4" - 6" layer and lightly compacted to a maximum thickness of 6" spreading shall be performed in such a manner that the seedling propagation and the seedling shall be in contact with the soil. Topsoil shall be applied in such a manner that the seedling propagation and the seedling shall be in contact with the soil. Topsoil shall be applied in such a manner that the seedling propagation and the seedling shall be in contact with the soil.
 - b. Topsoil shall be placed in a loose, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by the engineer or a soil scientist and approved by the appropriate approval authority. Regardless, topsoil must be a mixture of plant nutrients.
 - c. Topsoil shall contain less than 5% by volume of stones, rocks, roots, or other materials larger than 1 and 1/2" in diameter.
3. For sites having disturbed areas over 5 acres:
 - a. Topsoil shall be placed in a loose, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by the engineer or a soil scientist and approved by the appropriate approval authority. Regardless, topsoil must be a mixture of plant nutrients.
 - b. Topsoil shall contain less than 5% by volume of stones, rocks, roots, or other materials larger than 1 and 1/2" in diameter.

SEQUENCE OF CONSTRUCTION

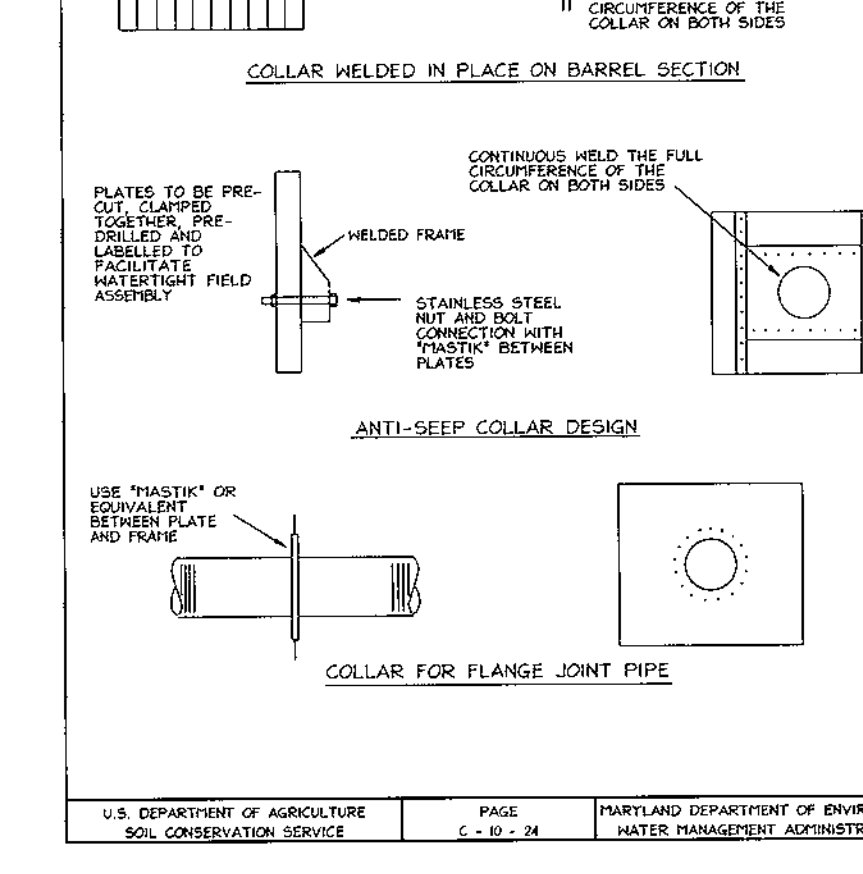
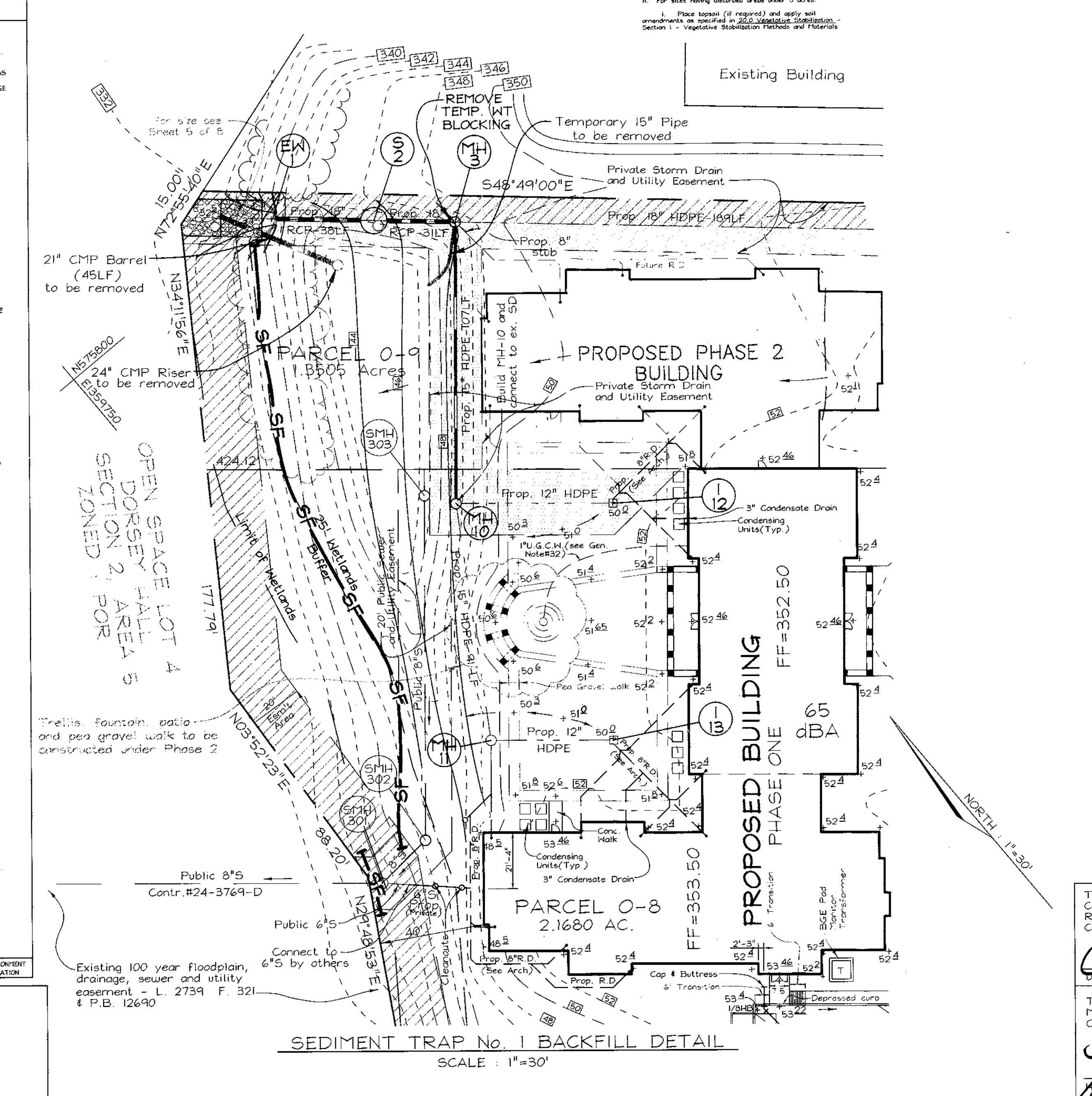
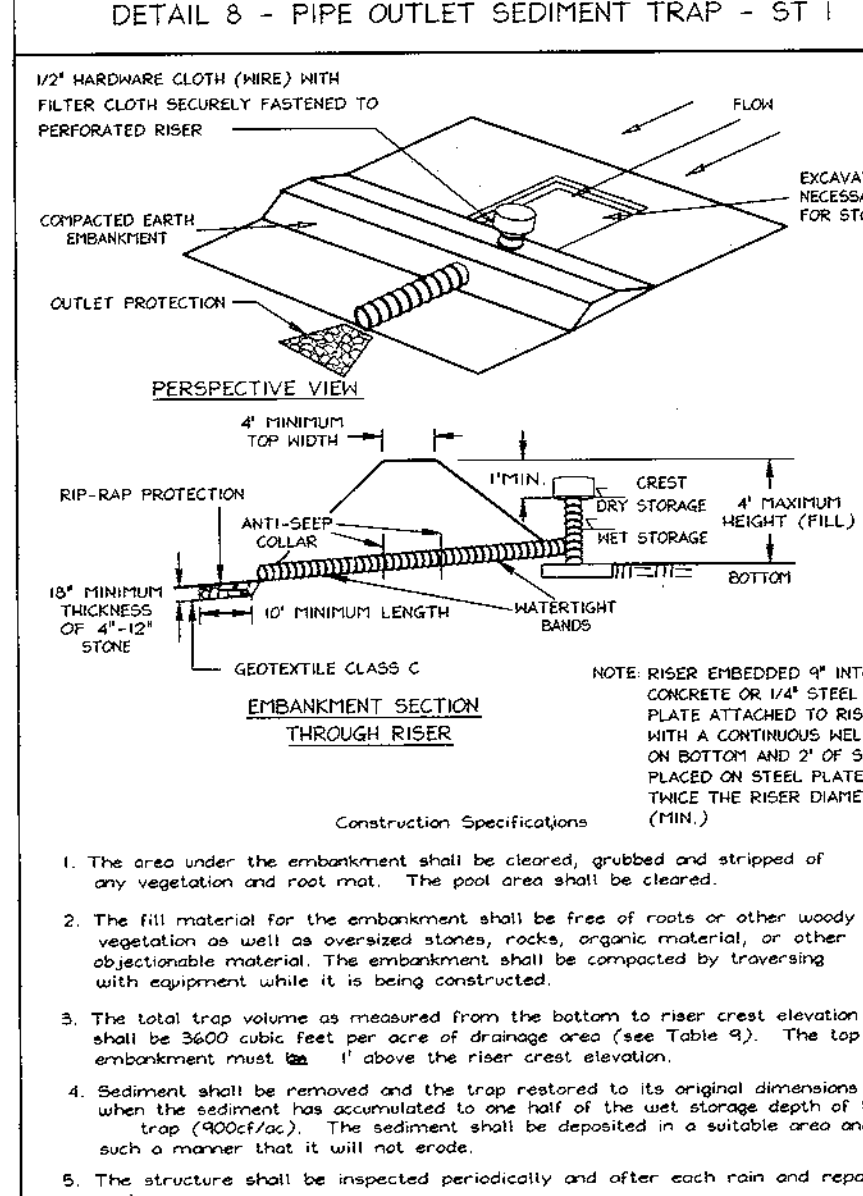
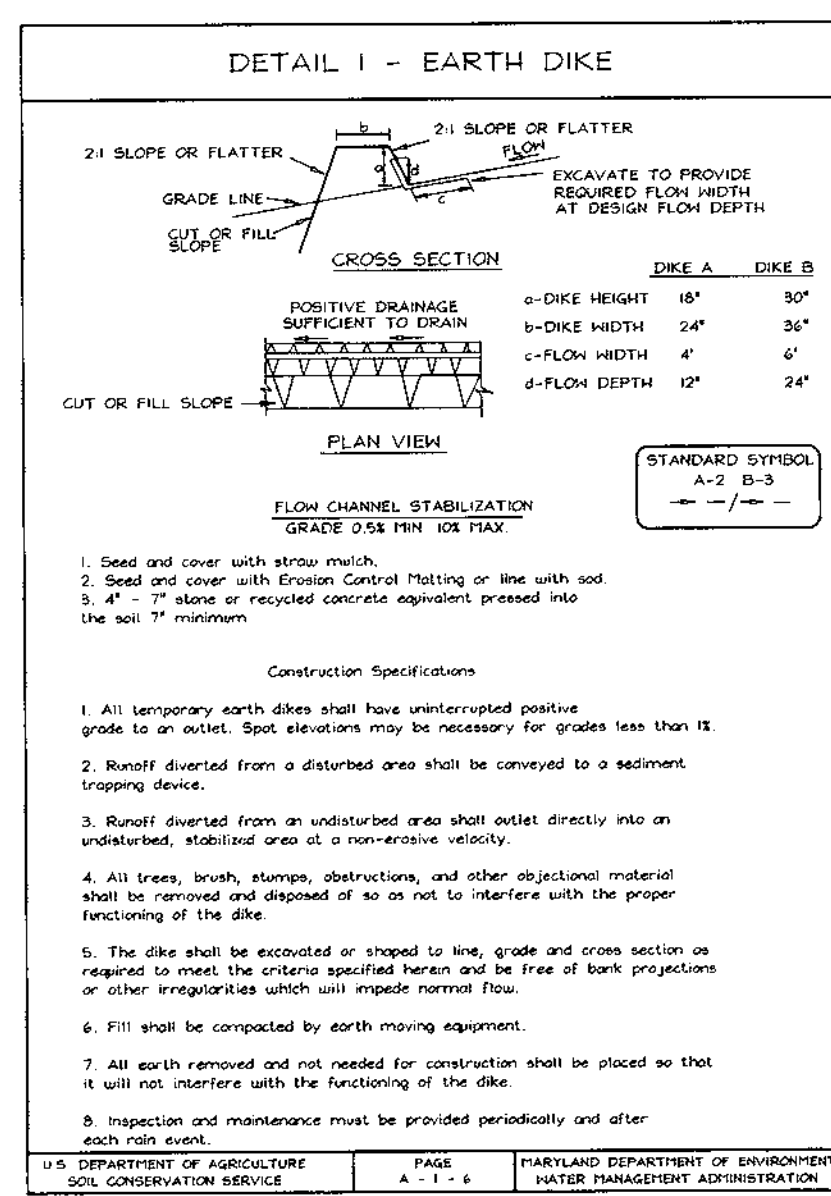
1. Obtain grading permit.
2. Notify Howard County Bureau of Inspections and Permits at (410)313-1880 at least 24 hours before starting any work.
3. Install Pipe Outlet Sediment Trap No. 1. (One Week)
4. Install all remaining Sediment Controls for the site. (One Week)
5. Clear site as necessary and rough grade site. (Three Weeks)
6. Begin building construction. (Six to Twelve Months)
7. Construct Storm Drain, temporary pipes and sewer as shown on Sediment Control Plan sheet 3 of 8. (Three Weeks)
8. Begin building construction. (Six to Twelve Months)
9. Install on-site curb and gutter, parking lots, driveways and sidewalks and install base paving (Three to Four Weeks)
10. Install Landscaping. (One Week)
11. During grading and after each rainfall, contractor will inspect and provide necessary maintenance to the Sediment Control measures on this plan.
12. Follow-up initial soil disturbances or redisturbances permanent or temporary stabilization shall be completed within:
 - a. 7 calendar days for all perimeter Sediment Control Structures, Dikes, Baffles and oil slopes greater than 3:1.
 - b. 14 calendar days for all other disturbed areas.
13. With permission of the inspector, flush Storm Drain System and remove all Sediment Controls from the site. Remove temporary pipes, complete installation of remaining Storm Drain and Sewer and stabilize all disturbed areas immediately. See this sheet. (One Week)
14. Surface Pave all roads, drives and parking areas and install striping and signage. (One Week)

Construction of Storm Drain and Sewer at rear of building to be phased per Sediment Control requirements shown on sheet 3 of 8 and this sheet.

SEDIMENT CONTROL NOTES

1. A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Permits Sediment Control Division prior to the start of any construction (313-1880).
2. All vegetation and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1934 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
3. Following initial soil disturbances or redisturbances, permanent or temporary stabilization shall be completed within:
 - a. 7 calendar days for all perimeter sediment control structures, dikes, permanent slopes, and all slopes greater than 3:1.
 - b. 14 days as to all other disturbed or graded areas on the project site.
4. All sediment traps/basins must be fenced and warning signs posted according to their placement in accordance with Vol. 1, Chapter 7, HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1934 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, sod, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall be done when recommended seeding does not allow for proper germination and establishment of grasses.
6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
7. Site Analysis:

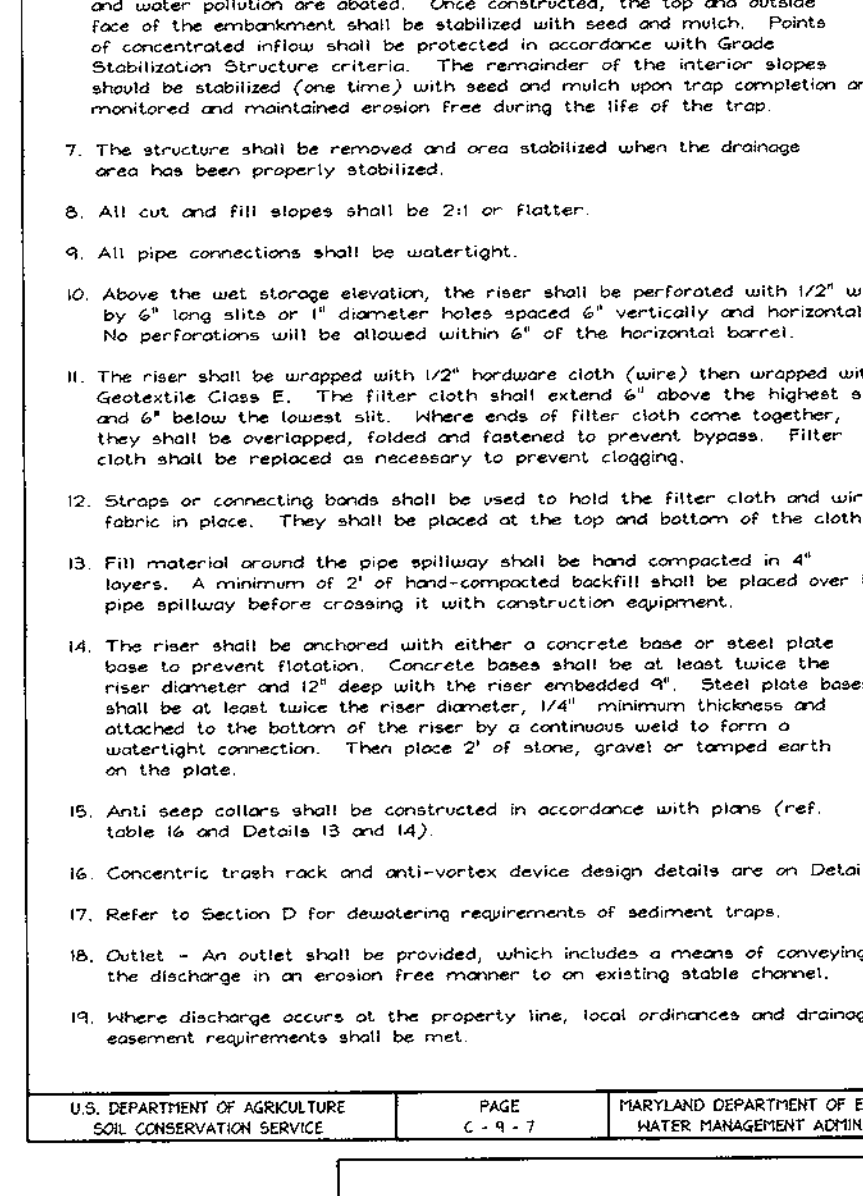
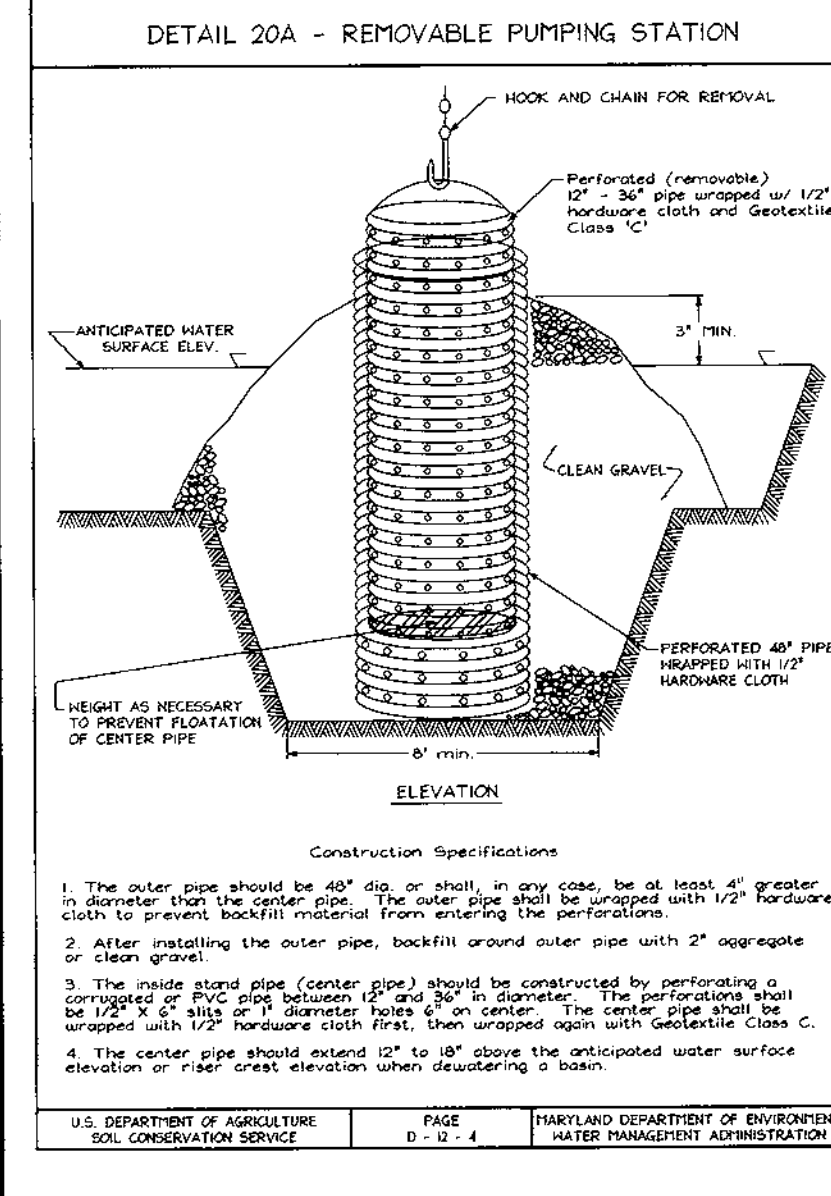
| | |
|------------------------------------|-------------|
| Total Area | 3.516 Acres |
| Area Disturbed | 3.34 Acres |
| Area to be seeded or paved | 1.76 Acres |
| Area to be vegetatively stabilized | 2.55 Acres |
| Total Fill | 5264.67 |
8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9. Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.



DETAIL 16 - CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE

| Riser Diameter, in. | Trash Rack Cylinder Diameter, in. | Trash Rack Support Bar Spacing, in. | Minimum Size Support Bar | Minimum Spacing Between | |
|---------------------|-----------------------------------|-------------------------------------|--------------------------|-------------------------|-----|
| 12 | 18 | 16 | 6 | 16 | go. |
| 15 | 21 | 16 | 7 | 16 | go. |
| 18 | 27 | 16 | 8 | 16 | go. |
| 21 | 30 | 16 | 8 | 16 | go. |
| 24 | 36 | 16 | 8 | 16 | go. |
| 27 | 42 | 16 | 8 | 16 | go. |
| 36 | 54 | 14 | 17 | 16 | go. |
| 42 | 60 | 14 | 18 | 16 | go. |
| 48 | 72 | 12 | 21 | 16 | go. |
| 54 | 78 | 12 | 25 | 16 | go. |
| 60 | 84 | 12 | 28 | 16 | go. |
| 66 | 96 | 10 | 33 | 16 | go. |
| 72 | 102 | 10 | 36 | 16 | go. |
| 78 | 114 | 10 | 39 | 16 | go. |
| 84 | 120 | 10 | 42 | 16 | go. |

Note: The above trash rack and anti-vortex device information is only for corrugated metal pipe. Concrete risers must meet the requirements of MD 378.



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

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

Chief Simmons 9/3/99
 DATE

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

John L. Blanton 9/3/99
 DATE

HOWARD SOIL CONSERVATION DISTRICT

| NO. | REVISION | DATE |
|-----|--------------------------------|---------|
| 1 | ADD PHASE 2 BUILDING & PARKING | 5-29-01 |

SEDIMENT AND EROSION CONTROL DETAILS
SELBORNE HOUSE OF DORSEY HALL
 PHASE ONE + TWO
 DORSEY HALL

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

VOGEL & ASSOCIATES
 ENGINEERS SURVEYORS PLANNERS
 3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
 TEL 410.461.5028 FAX 410.465.3966

DESIGN BY: GAH
 DRAWN BY: PS
 CHECKED BY: GAH
 DATE: Aug. 31, 1999
 SCALE: As Shown
 I.C.O. NO: 98-126

4 SHEET OF 8

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Scott Arminger 10/1/99
 DATE

Candy Hamilton 9/29/99
 DATE

John L. Blanton 9/21/99
 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

ENGINEER'S 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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Robert H. Vogel 8/21/99
 DATE

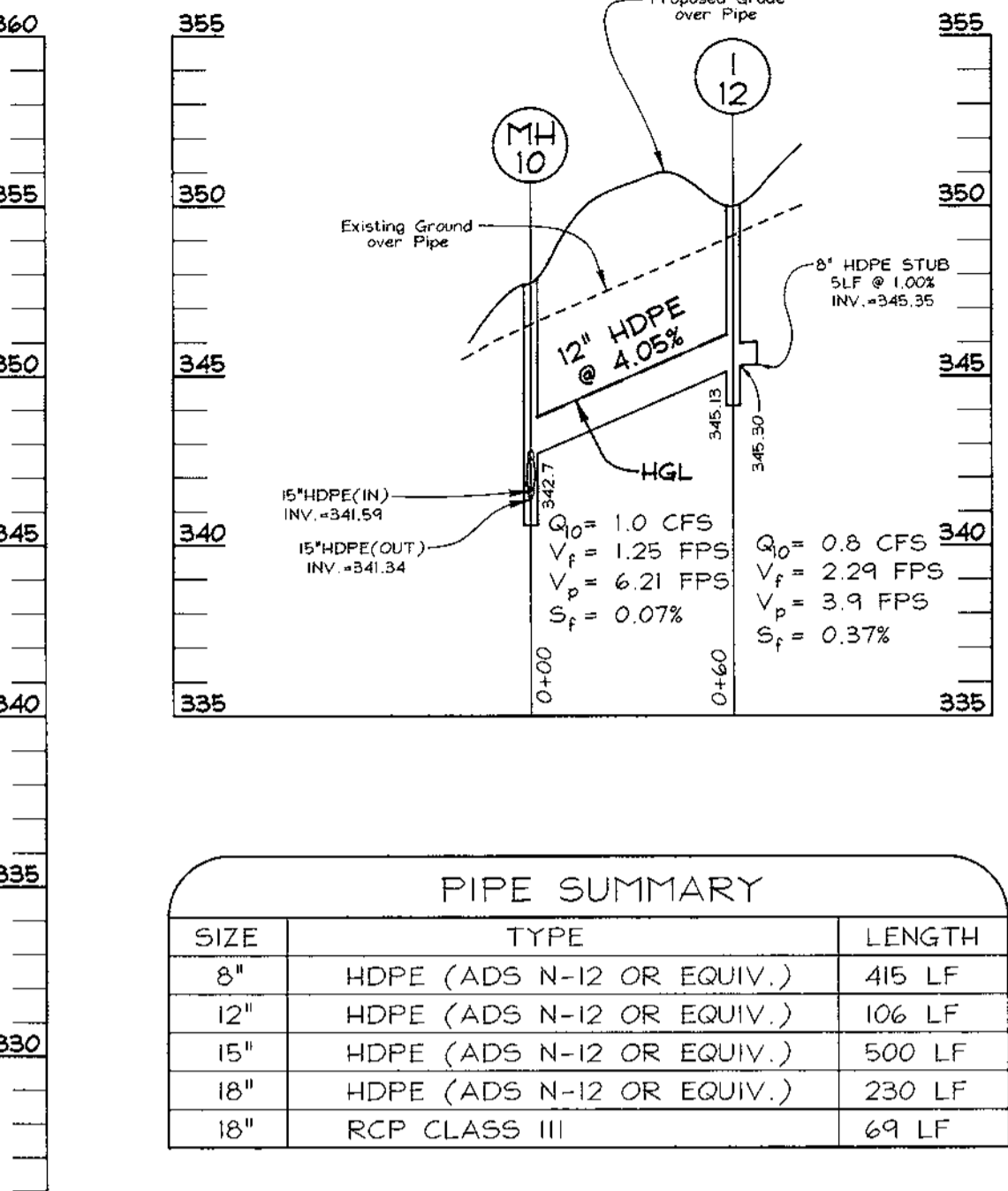
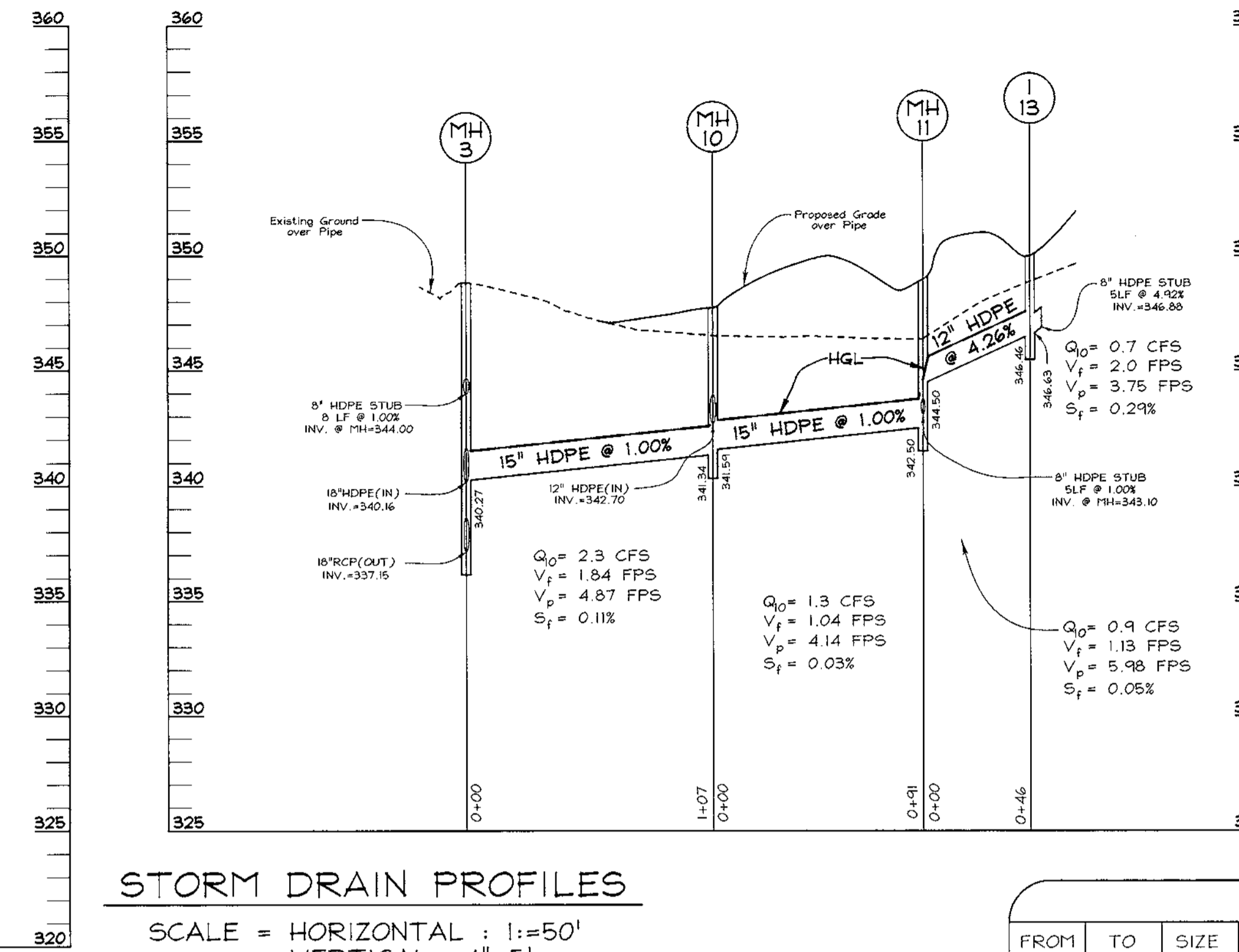
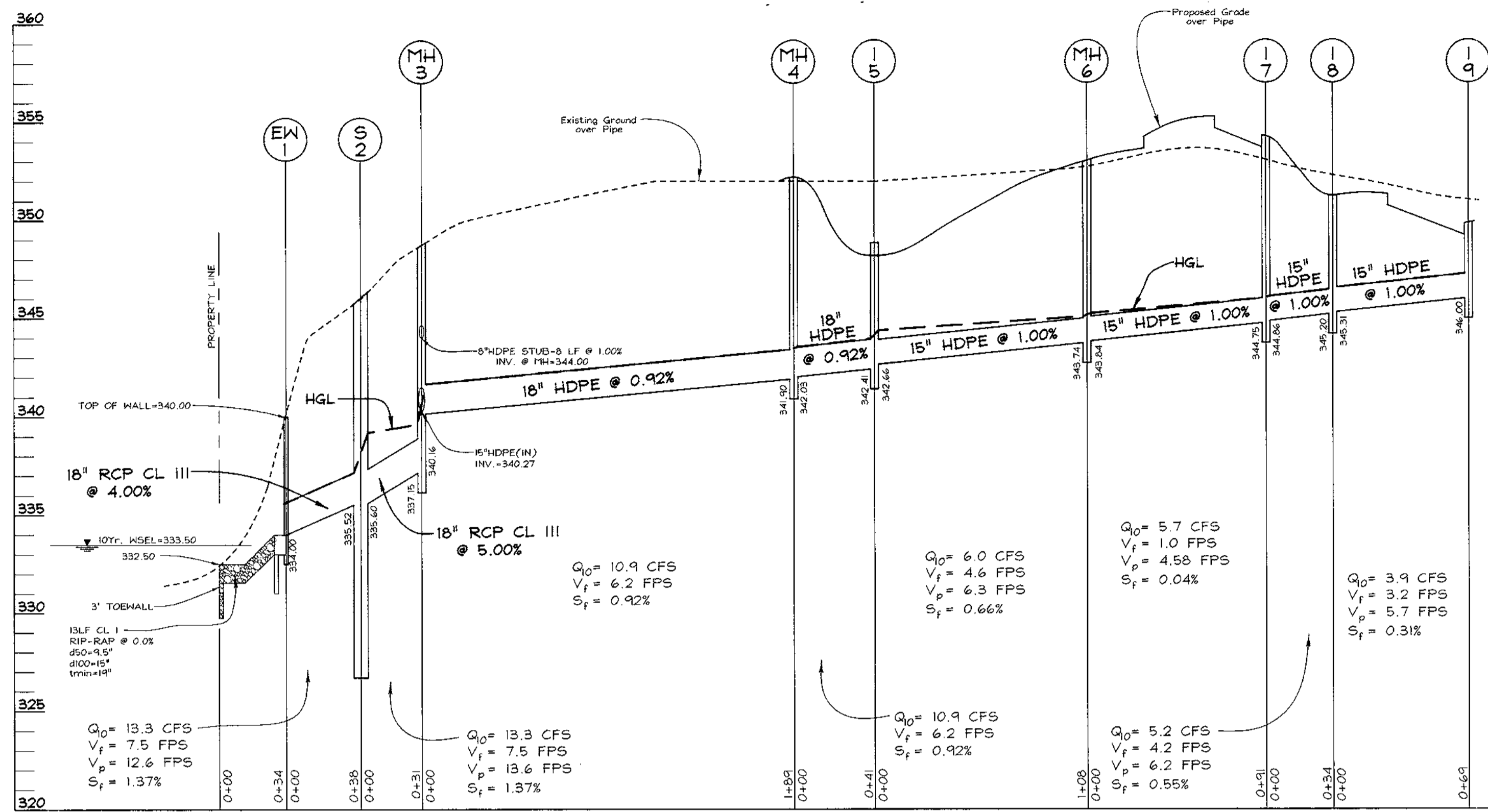
SIGNATURE OF ENGINEER
 ROBERT H. VOGEL

DEVELOPER'S CERTIFICATE

I/WE HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF TENDENCY FROM THE DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

Robert H. Vogel 8/21/99
 DATE

SIGNATURE OF DEVELOPER
 ROBERT H. VOGEL, P.E. (MD 1818)



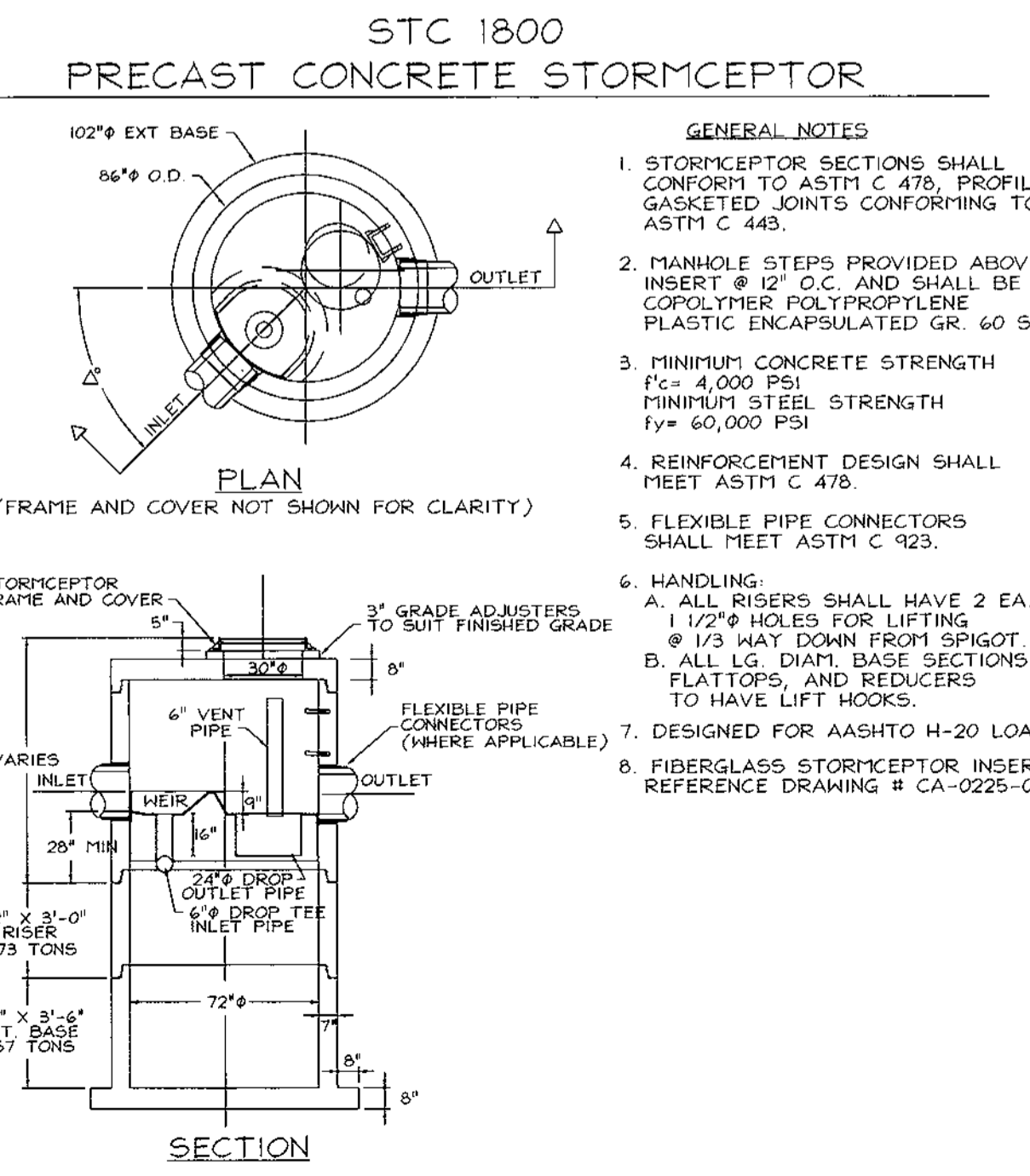
| SIZE | TYPE | LENGTH |
|------|---------------------------|--------|
| 8" | HDPE (ADS N-12 OR EQUIV.) | 415 LF |
| 12" | HDPE (ADS N-12 OR EQUIV.) | 106 LF |
| 15" | HDPE (ADS N-12 OR EQUIV.) | 500 LF |
| 18" | HDPE (ADS N-12 OR EQUIV.) | 230 LF |
| 18" | RCP CLASS III | 69 LF |

STORM DRAIN PROFILES
SCALE = HORIZONTAL : 1"=50'
VERTICAL : 1"=5'

| FROM | TO | SIZE | TYPE | LENGTH | REMARKS |
|-------|-------|-------|---------------------------|---------------------------|---------|
| STUB | 1-13 | 8" | HDPE (ADS N-12 OR EQUIV.) | 160 LF | |
| STUB | 1-13 | MH-11 | 12" | HDPE (ADS N-12 OR EQUIV.) | 46 LF |
| STUB | MH-11 | 8" | HDPE (ADS N-12 OR EQUIV.) | 155 LF | |
| M-11 | MH-10 | 15" | HDPE (ADS N-12 OR EQUIV.) | 91 LF | |
| STUB | 1-12 | 8" | HDPE (ADS N-12 OR EQUIV.) | 92 LF | |
| 1-12 | MH-10 | 12" | HDPE (ADS N-12 OR EQUIV.) | 60 LF | |
| MH-10 | MH-3 | 15" | HDPE (ADS N-12 OR EQUIV.) | 107 LF | |
| 1-9 | 1-8 | 15" | HDPE (ADS N-12 OR EQUIV.) | 69 LF | |
| 1-8 | 1-7 | 15" | HDPE (ADS N-12 OR EQUIV.) | 34 LF | |
| 1-7 | M-6 | 15" | HDPE (ADS N-12 OR EQUIV.) | 91 LF | |
| M-6 | 1-5 | 15" | HDPE (ADS N-12 OR EQUIV.) | 108 LF | |
| 1-5 | M-4 | 18" | HDPE (ADS N-12 OR EQUIV.) | 41 LF | |
| M-4 | M-3 | 18" | HDPE (ADS N-12 OR EQUIV.) | 189 LF | |
| STUB | M-3 | 8" | HDPE (ADS N-12 OR EQUIV.) | 8 LF | |
| M-3 | SC-2 | 18" | RCP CLASS III | 31 LF | |
| SC-2 | EW-1 | 18" | RCP CLASS III | 38 LF | |

| NO. | TYPE | LOCATION | TOP ELEV. | INV. IN | INV. OUT | REMARKS |
|-------|------------------------------|----------|-----------|---------|----------|-------------|
| EW-1 | TYPE 'A' HEADWALL (MODIFIED) | SEE PLAN | 340.00 | 334.00 | 334.00 | SHT. 5 OF 8 |
| SC-2 | STC-1800 STORMCEPTOR | SEE PLAN | 346.00 | 335.60 | 335.52 | SHT. 4 OF 8 |
| MH-3 | 4' PRECAST MANHOLE | SEE PLAN | 348.88 | 340.16 | 337.15 | G 5.12 |
| MH-4 | 4' PRECAST MANHOLE | SEE PLAN | 352.10 | 342.03 | 341.90 | G 5.12 |
| 1-5 | A-10 INLET (PRECAST) | SEE PLAN | 348.20 | 342.66 | 342.41 | SD 4.41 |
| MH-6 | 4' PRECAST MANHOLE | SEE PLAN | 352.77 | 343.84 | 343.74 | G 5.12 |
| 1-7 | A-10 INLET (PRECAST) | SEE PLAN | 353.73 | 344.86 | 344.75 | SD 4.41 |
| 1-8 | A-10 INLET (PRECAST) | SEE PLAN | 350.64 | 345.31 | 345.20 | SD 4.41 |
| 1-9 | A-10 INLET (PRECAST) | SEE PLAN | 349.24 | - | 346.00 | SD 4.41 |
| MH-10 | 4' PRECAST MANHOLE | SEE PLAN | 347.73 | 342.70 | 341.34 | G 5.12 |
| MH-11 | 4' PRECAST MANHOLE | SEE PLAN | 349.00 | 344.50 | 342.50 | G 5.12 |
| 1-12 | YARD INLET | SEE PLAN | 350.00 | 345.30 | 345.13 | SD 4.14 |
| 1-13 | YARD INLET | SEE PLAN | 350.00 | 346.63 | 346.46 | SD 4.14 |

* NOTE: TOP ELEVATIONS ARE TO CENTER OF STRUCTURE AT FACE OF CURB FOR CURB OPENING INLETS, AND TO $\frac{1}{2}$ TOP OF GRATE FOR YARD INLETS. SEE PROFILE FOR STRUCTURES WITH MULTIPLE PIPES.



- GENERAL NOTES
- STORMCEPTOR SECTIONS SHALL CONFORM TO ASTM C 478, PROFILE GASKETED JOINTS CONFORMING TO ASTM C 443.
 - MANHOLE STEPS PROVIDED ABOVE INSERT $\frac{1}{2}$ " O.C. AND SHALL BE COPOLYMER POLYPROPYLENE PLASTIC ENCAPSULATED GR. 60 STEEL.
 - MINIMUM CONCRETE STRENGTH $f'_c = 4,000$ PSI; MINIMUM STEEL STRENGTH $f_y = 60,000$ PSI.
 - REINFORCEMENT DESIGN SHALL MEET ASTM C 478.
 - FLEXIBLE PIPE CONNECTORS SHALL MEET ASTM C 923.
 - HANDLING: A. ALL RISERS SHALL HAVE 2 EA $1\frac{1}{2}$ " HOLES FOR LIFTING; B. ALL LG. DIAM. BASE SECTIONS FLATTOPS, AND REDUCERS TO HAVE LIFT HOOPS.
 - DESIGNED FOR AASHTO H-20 LOADING.
 - FIBERGLASS STORMCEPTOR INSERT REFERENCE DRAWING # CA-0225-01

OPERATION AND MAINTENANCE SCHEDULE FOR STORMCEPTOR WATER QUALITY STRUCTURE

INSPECTION AND MAINTENANCE REQUIRED FOR ON SITE STORMWATER MANAGEMENT DEVICES SHALL BE RESPONSIBILITY OF THE OWNER OF THE PROPERTY. PRIVATE STORMWATER MANAGEMENT DEVICES MUST BE INSTALLED UNDER A GRADING PERMIT AND REQUIRE A PRIVATE MAINTENANCE AGREEMENT.

THE STORMCEPTOR WILL BE VISUALLY INSPECTED BI-ANNUALLY FOR THE PRESENCE OF OIL AND FUEL AND SEDIMENT BY REMOVING THE MANHOLE COVER. ANY OBSTRUCTIONS WILL BE CLEARED. THE SEDIMENT IS TO BE REMOVED WHEN THE SEDIMENT DEPTH EXCEEDS MANUFACTURERS SPECIFIED LEVEL, BUT AT A MINIMUM OF YEARLY INTERVALS.

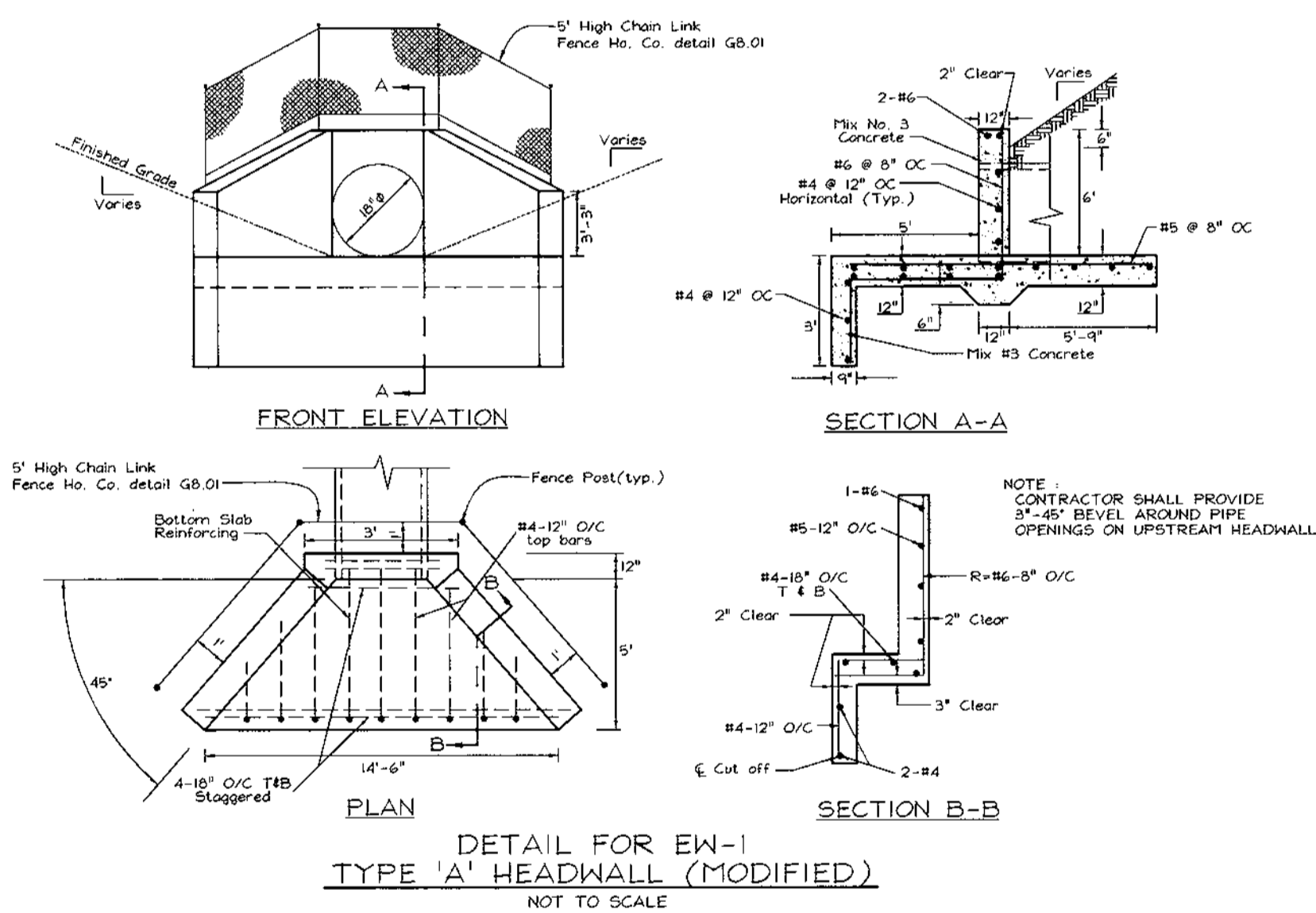
REMOVAL OF THE MATERIALS IS TO BE PERFORMED BY A LICENSED WASTE MANAGEMENT COMPANY AND DISPOSAL IN ACCORDANCE WITH CURRENT REGULATIONS.

THE MAINTENANCE OF THE STORMCEPTOR UNIT SHALL BE DONE USING A VACUUM TRUCK WHICH WILL REMOVE THE WATER, SEDIMENT, DEBRIS, FLOATING HYDROCARBONS AND OTHER MATERIALS IN THE UNIT. PROPER CLEANING AND DISPOSAL OF THE REMOVED MATERIALS AND LIQUID MUST BE FOLLOWED BY THE OWNER.

THE OWNER SHALL RETAIN AND MAKE THE STORMCEPTOR INSPECTION/ MONITORING FORMS AVAILABLE TO ANNE ARUNDEL COUNTY INSPECTION AND ENVIRONMENTAL PROGRAMS WITHIN FOURTEEN DAYS OF THE SCHEDULED MAINTENANCE DATE.

INSPECTION SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MARYLAND. ALL FORMS AND SUBMITTALS SHALL BE SIGNED AND SEALED.

IF INSPECTION REQUIRES REPAIR TO THE INLET OR OUTLET PIPES, STRUCTURE PARTS, GENERAL ASSEMBLY OR ANY FUNCTIONAL COMPONENTS OF THIS DEVICE, THE REPAIR SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER AND AS-BUILT DRAWINGS OF THE REPAIR SHALL BE SUBMITTED TO ANNE ARUNDEL COUNTY DEPARTMENT OF INSPECTIONS AND ENVIRONMENTAL PROGRAMS. THESE SHALL BE IN ADDENDUM TO THE MAINTENANCE/INSPECTION FORM FROM WHICH THE REPAIR RESULTED.



Precast Concrete Stormceptor® Order Request Form

CONTRACTOR INFORMATION
 Name: Herkman Builders, Inc.
 Address: 12331 Old Columbia Pike
 City: Silver Spring
 State: MD
 Zip Code: 20904
 Contact: John Kohn
 Phone: 301.622.2000
 Fax:

OWNER INFORMATION
 Name: Selborne-Dorsey Limited Partnership
 Phone: 410.750.1800
 Fax:

INTERIOR ORNANCE AREA FOR THIS UNIT: 1.88 Acres

| Stormceptor Model | Insert Size | Single Inlet (ft) | Multiple Inlet (ft) |
|-------------------|-------------|-------------------|---------------------|
| 900 | 3600 | 368.50 | 335.52 |
| 1200 | 4800 | 500 | 450 |
| 1800 | 6000 | 650 | 550 |
| 2400 | 7200 | 800 | 650 |

Manhole Number: SC-2
 Top Elevation (ft): 346.00
 Inlet Pipe Invert (ft): 335.60
 Outlet Pipe Invert (ft): 335.52
 Pipe Type: DISC
 Inlet Pipe Inside Diameter (in): 18"
 Inlet Pipe Outside Diameter (in): 22.5"
 Outlet Pipe Inside Diameter (in): 18"
 Outlet Pipe Outside Diameter (in): 22.5"

Project Name: Selborne House at Dorsey Hall
 Approximate time frame of delivery (weeks): 4 Weeks
 Delivery Address Street: 5320 Dorsey Hall Drive
 City: Ellicott City, State: MD, Zip Code: 21042
 Designer Company: Vogel and Associates, Inc.
 Designer Contact: Cable Harrod, Phone: 410.461.5828, Fax: 410.465.3965

PLEASE FILL OUT COMPLETELY AND FAX TO: CSR Hydro Conduit
 ATTN: ED O'MALLEY FAX: (703)922-3659, PHONE: (703)513-6399
 FOR TECHNICAL ASSISTANCE PLEASE CALL MIKE BARG, PHONE (703)513-6399

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

David S. Smith 10/1/99
 DIRECTOR DATE

Cindy Hanetta 9/29/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Walter Williams 9/29/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

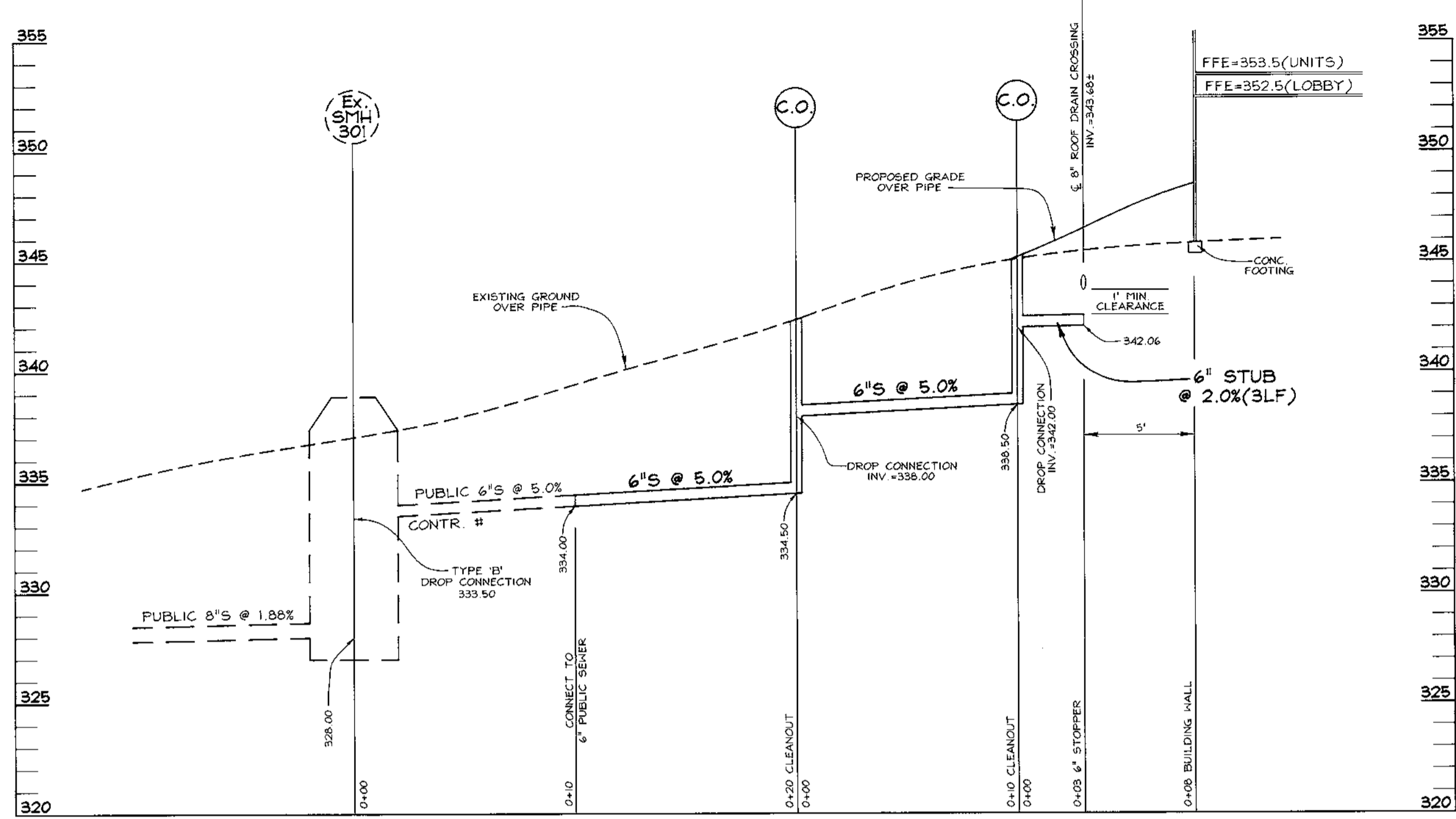
OWNER/DEVELOPER
 SELBORNE-DORSEY LIMITED PARTNERSHIP
 C/O ORCHARD DEVELOPMENT
 3974 OLD COLUMBIA PIKE
 ELLICOTT CITY, MARYLAND 21043
 PHONE : 410-750-1800
 ATTN : SCOTT ARMIGER

STORM DRAIN PROFILES
 SELBORNE HOUSE OF
 DORSEY HALL
 PHASE ONE-TWO
 DORSEY HALL
 TAX MAP #30 PARCELS 0-8 & 0-9
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

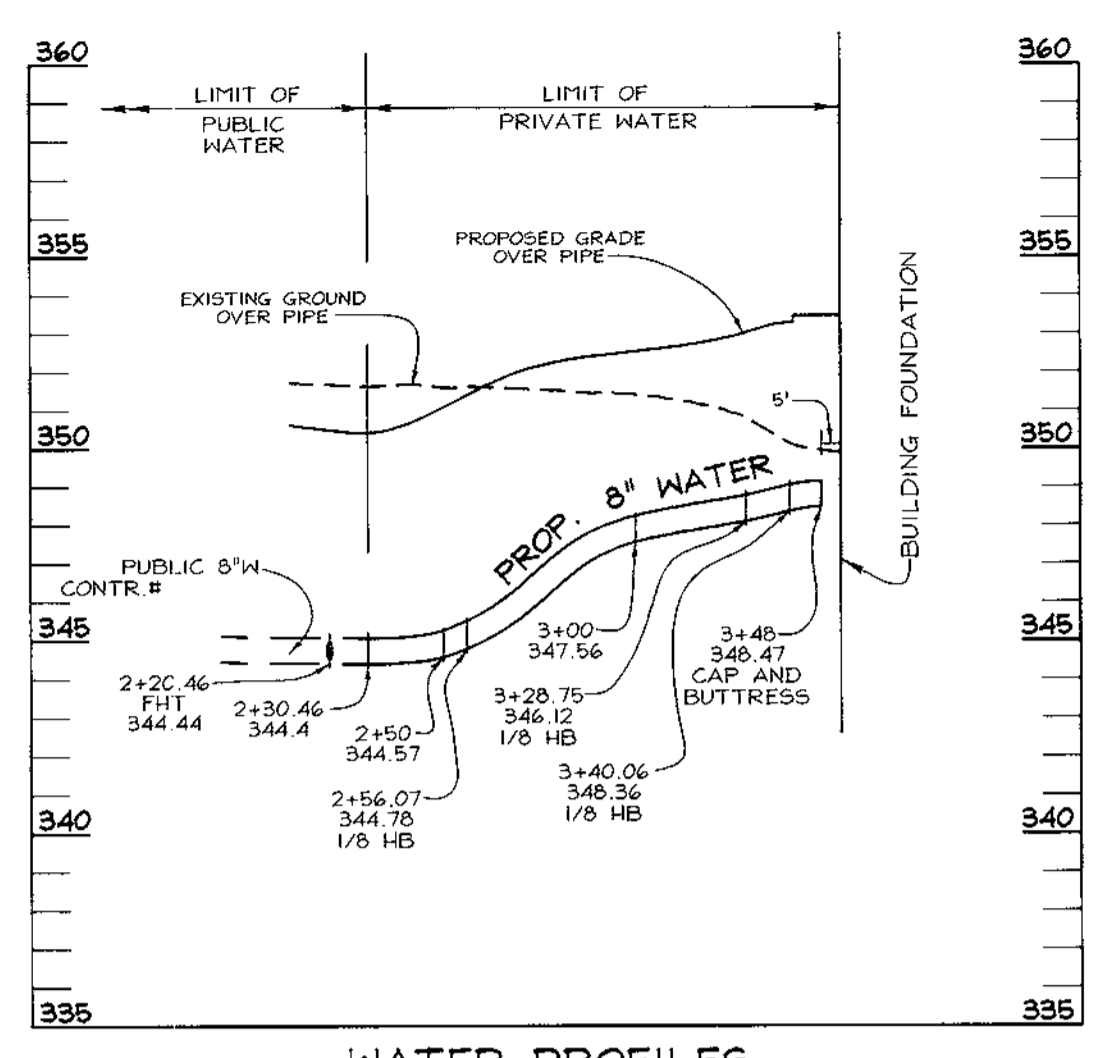
DESIGN BY: GAH
 DRAWN BY: PS
 CHECKED BY: GAH
 DATE: Aug. 31, 1999
 SCALE: As Shown
 NO. OF SHEETS: 98-126

5 SHEET OF 8

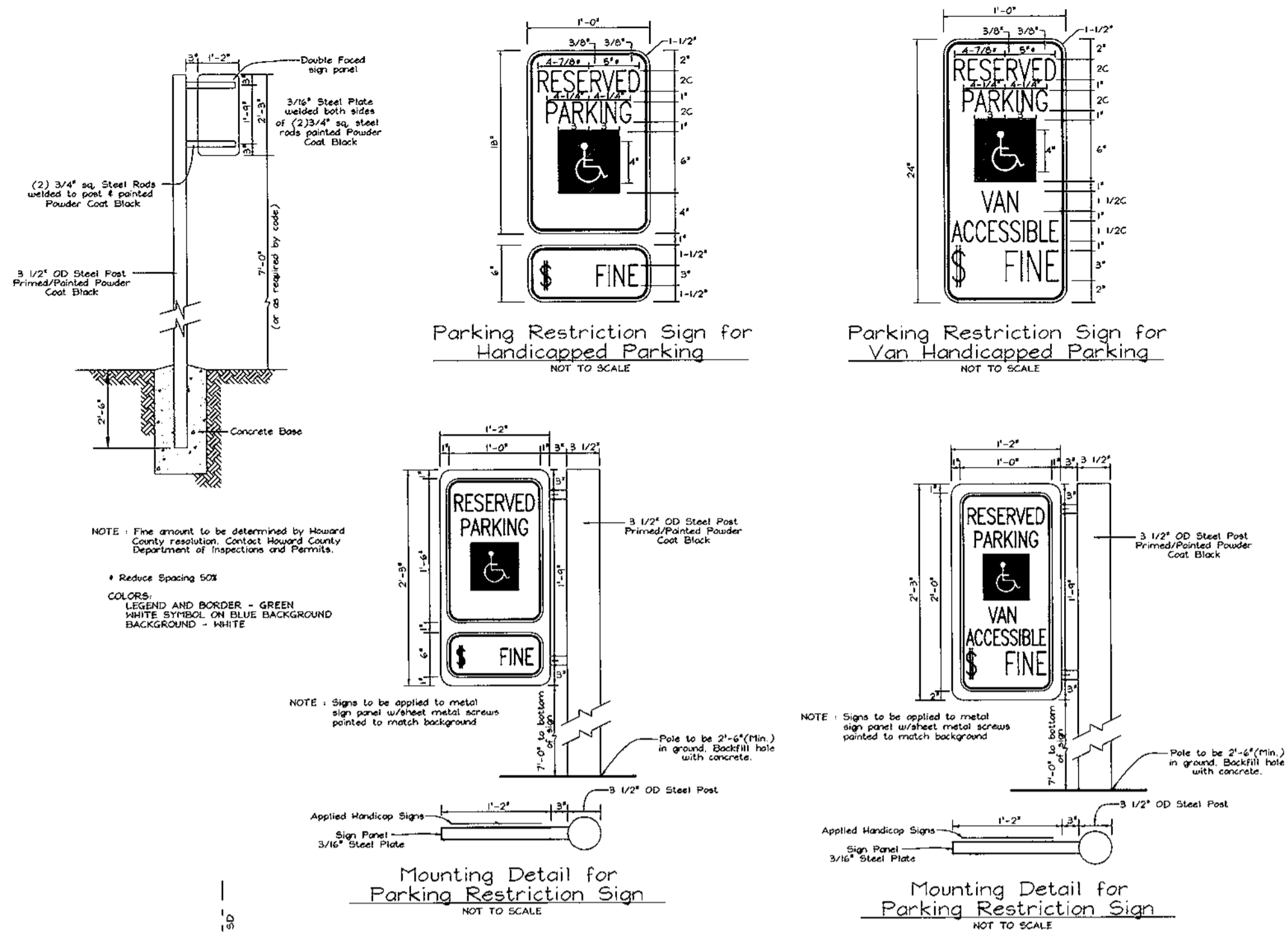
STATE OF MARYLAND
 ROBERT H. VOGEL, P.E. No. 16193
 PROFESSIONAL ENGINEER



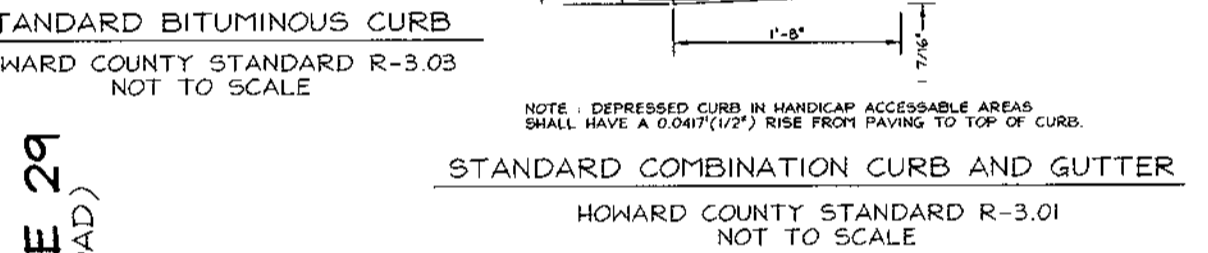
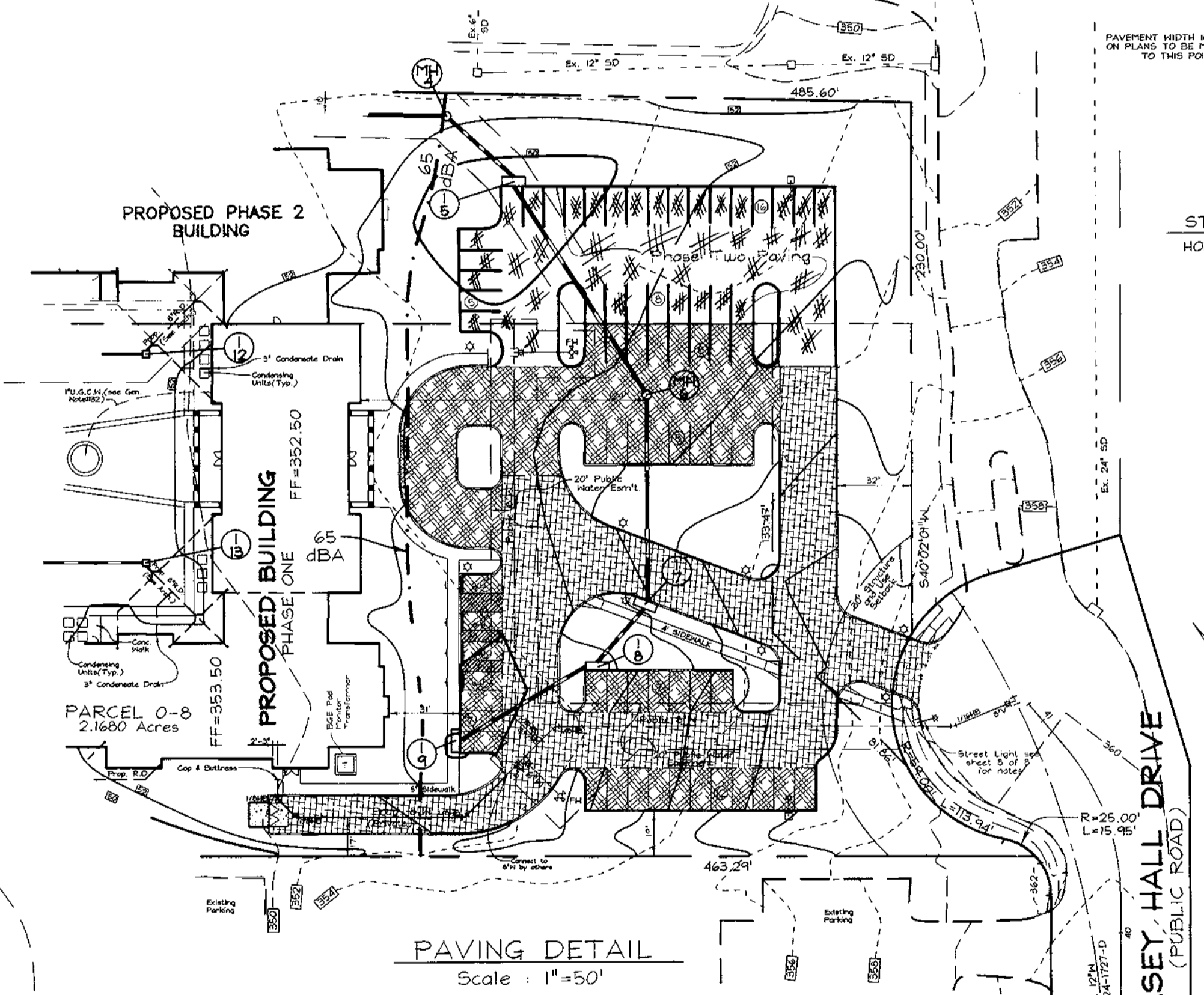
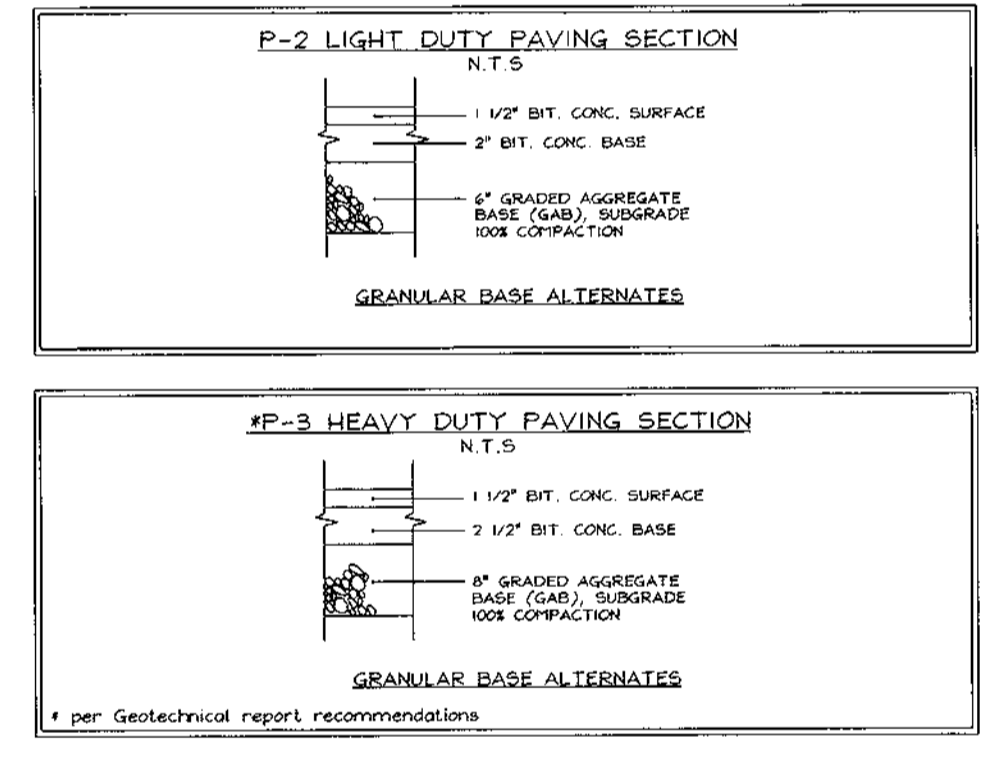
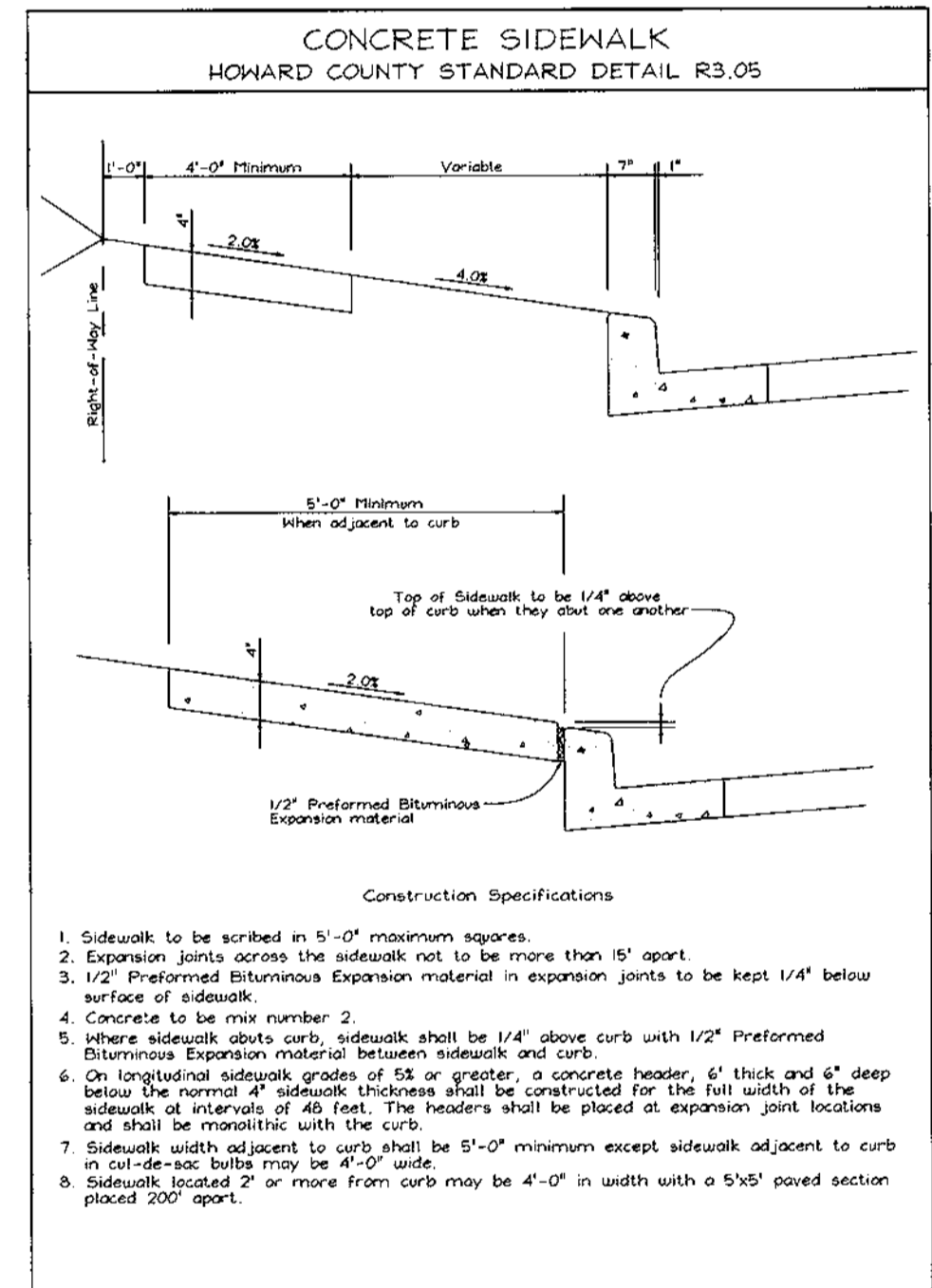
SEWER PROFILES
SCALE: HORIZONTAL - 1"=5'
VERTICAL - 1"=5'



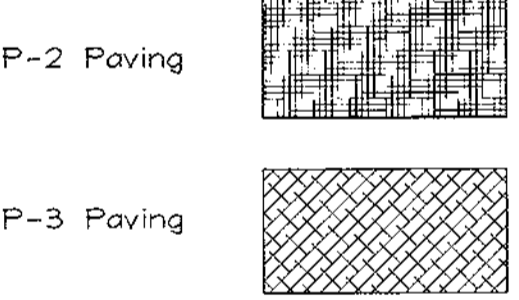
WATER PROFILES
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'



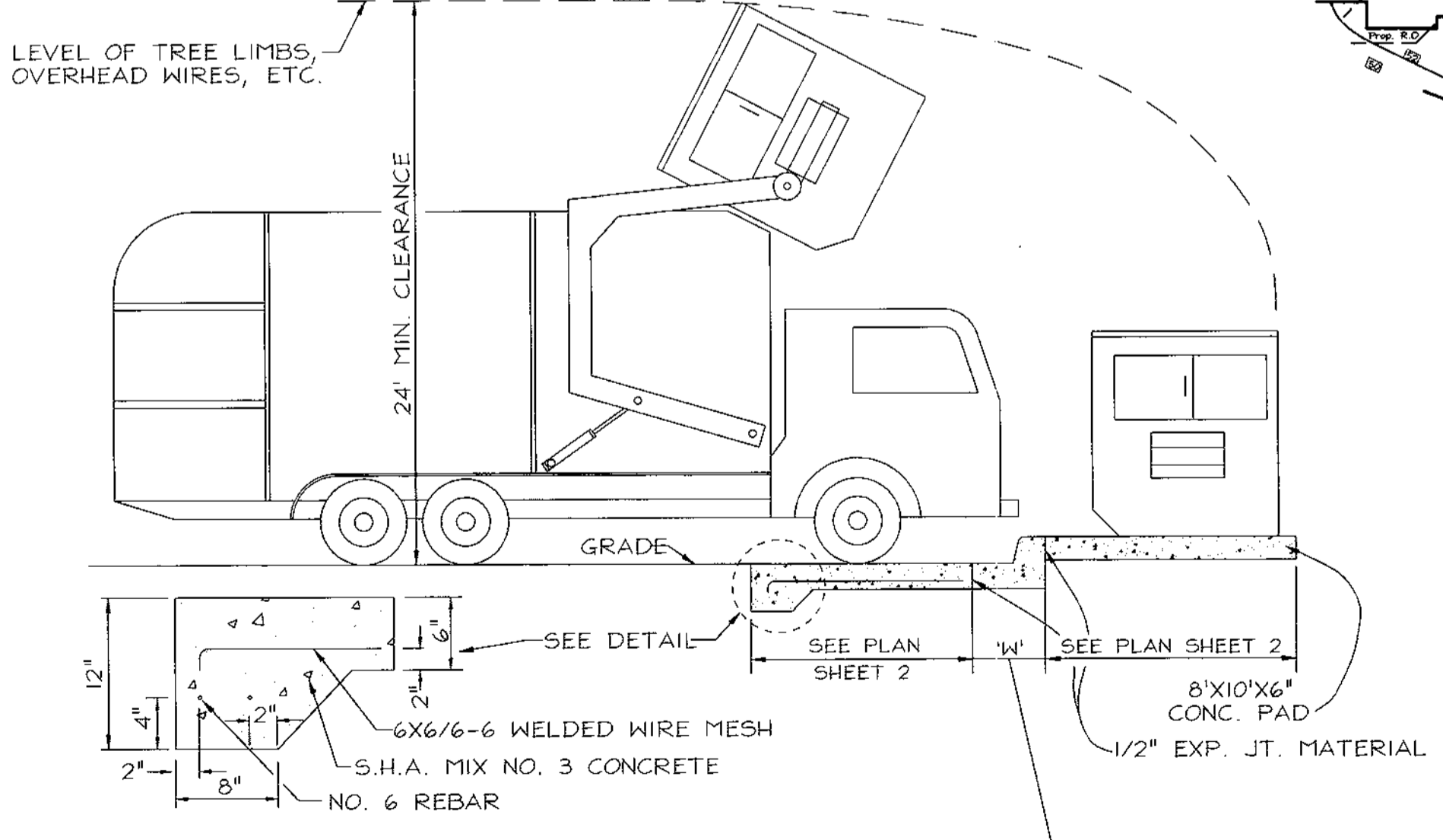
HANDICAP PARKING SIGNS
NOT TO SCALE



PAVING LEGEND



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



SOLID WASTE SERVICE PAD
HOWARD COUNTY STD. R 11.01
NOT TO SCALE
FOR DUMPSTER ENCLOSURE DETAIL SEE ARCHITECTURAL PLANS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] 10/1/99
 DIRECTOR DATE
 [Signature] 9/24/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
 [Signature] 9/21/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

| NO. | ADD PHASE 2 BLDG & PARKING REVISION | 5-29-01 | DATE |
|-----|-------------------------------------|---------|------|
| | | | |
| | | | |
| | | | |

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

DESIGN BY: GAH
 DRAWN BY: PS
 CHECKED BY: GAH
 DATE: Aug 31, 1999
 SCALE: As Shown
 W.O. NO.: 98-126

6 SHEET OF 8

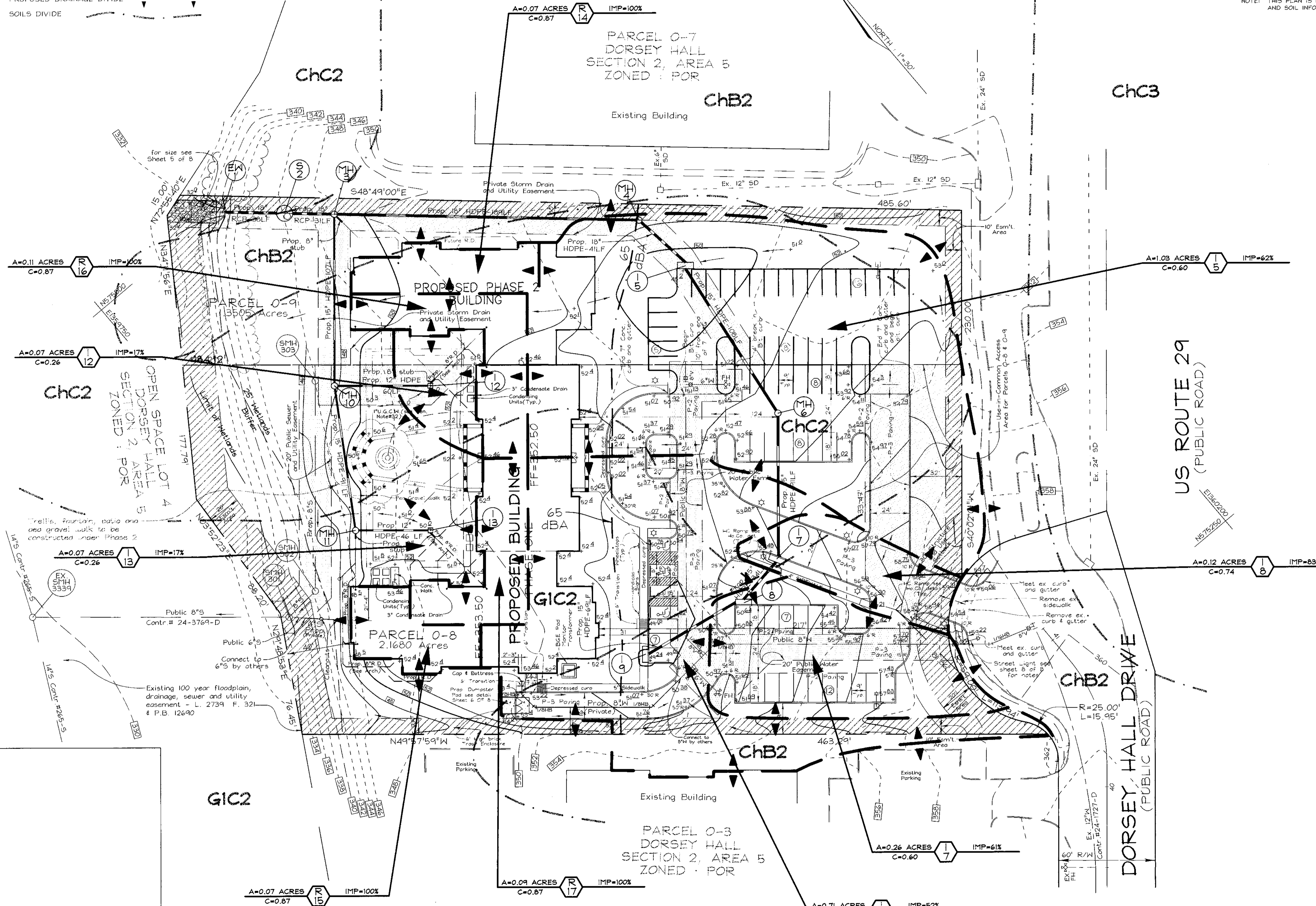
LEGEND

| | | |
|--------------------------|-----|-------|
| EXISTING CONTOUR | --- | 382 |
| PROPOSED CONTOUR | --- | 82 |
| SPOT ELEVATION | + | 82.53 |
| DIRECTION OF FLOW | → | |
| PROPOSED DRAINAGE DIVIDE | ↑ | |
| SOILS DIVIDE | --- | |

SOILS LEGEND

| SYMBOL | NAME / DESCRIPTION | SOIL GROUP |
|--------|--|------------|
| ChB2 | CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED | B |
| ChC2 | CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED | B |
| ChC3 | CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED | B |
| GIC2 | GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED | B |

NOTE: THIS PLAN IS FOR DRAINAGE AREA AND SOIL INFORMATION PURPOSES ONLY.



| NO. | REVISION | DATE |
|-----|----------------------------|---------|
| 1 | ADD PHASE 2 BLDG & PARKING | 5-29-01 |

DRAINAGE AREA MAP FOR STORM DRAINAGE SELBORNE HOUSE OF DORSEY HALL
 PHASE ONE - TWO
 DORSEY HALL
 TAX MAP #30 PARCELS 0-8 & 0-9
 2ND ELECTION DISTRICT 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

| | |
|--------------------|--------------|
| DESIGN BY: GAH | |
| DRAWN BY: PS | |
| CHECKED BY: GAH | |
| DATE: Aug 31, 1999 | |
| SCALE: 1"=30' | |
| W.O. NO.: 98-126 | 7 SHEET OF 8 |

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James S. Smith 10/1/99
 DIRECTOR DATE

Cindy Hammit 9/29/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Chad Williams 9/2/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

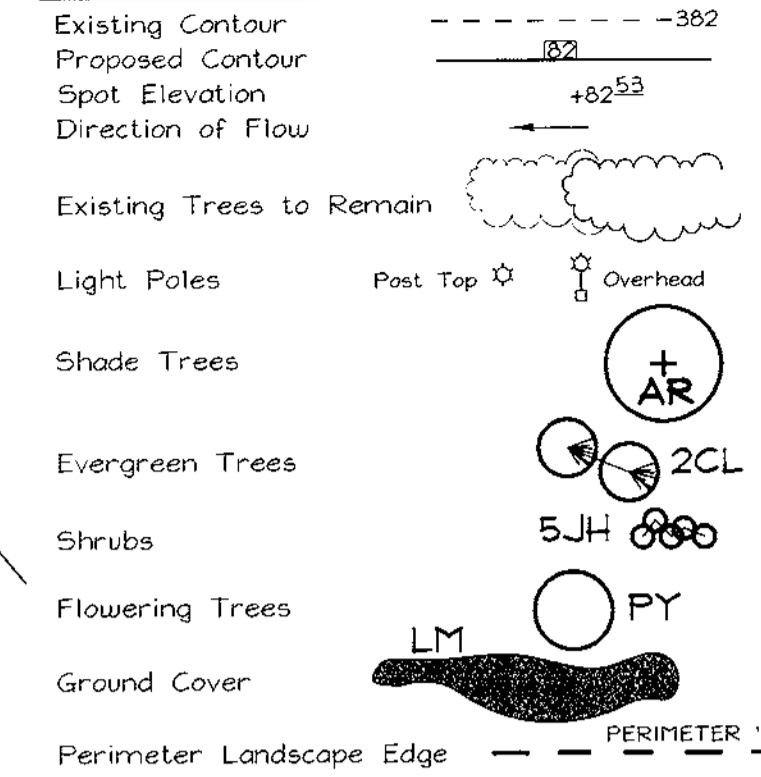
OWNER/DEVELOPER
 SELBORNE-DORSEY LIMITED PARTNERSHIP
 C/O ORCHARD DEVELOPMENT
 3974 OLD COLUMBIA PIKE
 ELLICOTT CITY, MARYLAND 21043
 PHONE : 410-750-1800
 ATTN : SCOTT ARMIGER

| SCHEDULE B PARKING LOT INTERNAL LANDSCAPING | | |
|--|-----------|-----------|
| | PHASE ONE | PHASE TWO |
| NUMBER OF PARKING SPACES | 42 | 29 |
| NUMBER OF TREES REQUIRED | 2 | 2 |
| NUMBER OF TREES PROVIDED | | |
| SHADE TREES | 16 | 6 |
| OTHER TREES(2:1 SUBSTITUTION) | 14 | - |

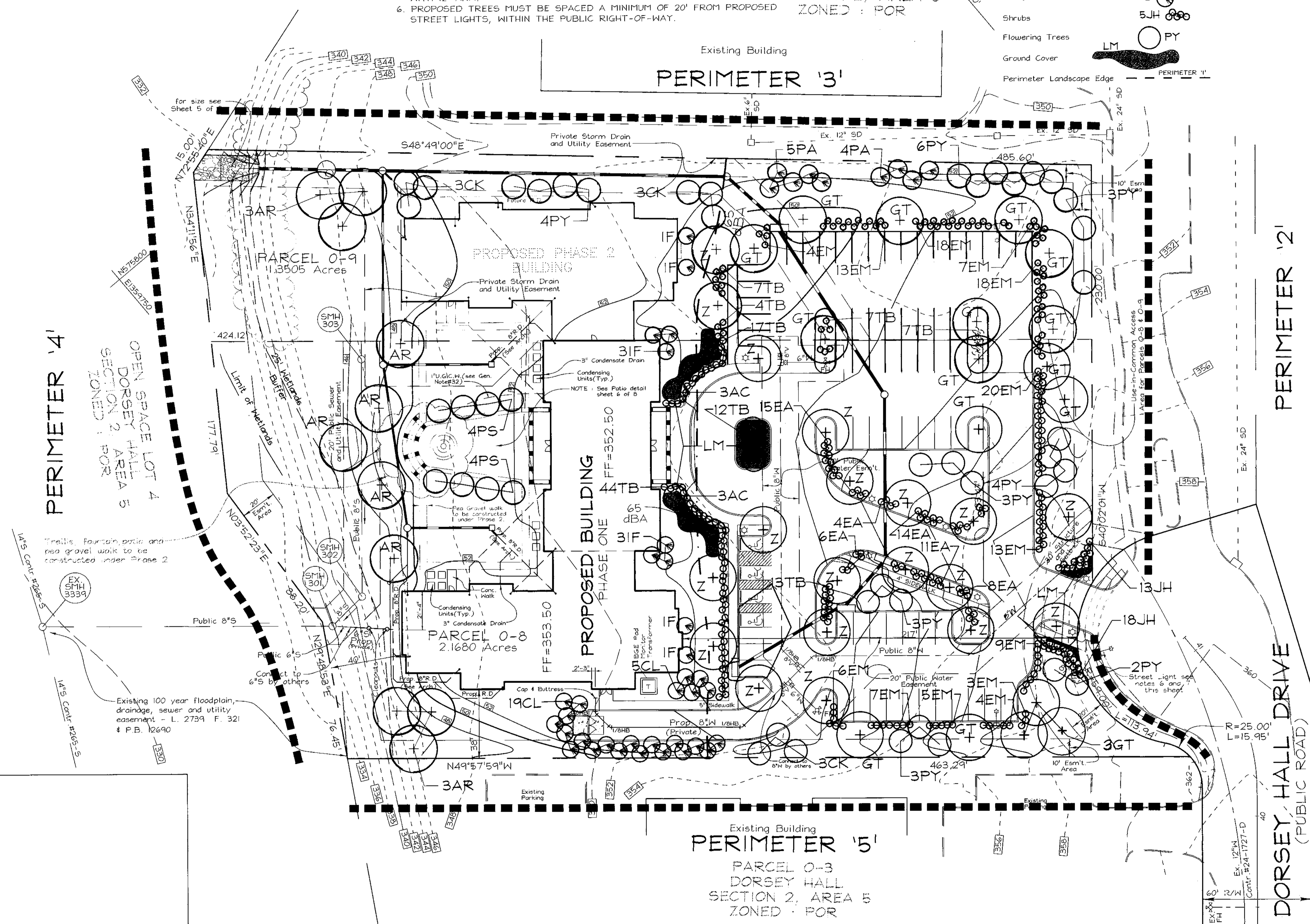
NOTES

- FRONT ENTRY WALK TO BE SCORED CONCRETE 1"-4" EACH WAY W/BRICK BORDERS AND EDGES UNDER COLUMNS AT PORCHES
- TRELLIS, FOUNTAIN, PATIO AND PEA GRAVEL WALK TO BE CONSTRUCTED UNDER PHASE 2.
- SEE SHEET 6 OF 8 FOR PLANTING DETAILS.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING MUST BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$3,180.00 FOR 8 SHADE TREES AND 26 SHRUBS SURETY FOR PHASE 2 OF \$1,600 FOR 2 SHADE TREES TO BE POSTED WITH GRADING PERMIT APPLICATION.
- ONE 250 WATT HPS CUTOFF, 30' BRONZE FIBERGLASS LIGHT POLE WITH 12' ARM.
- PROPOSED TREES MUST BE SPACED A MINIMUM OF 20' FROM PROPOSED STREET LIGHTS, WITHIN THE PUBLIC RIGHT-OF-WAY.

LEGEND



PARCEL 0-7
DORSEY HALL
SECTION 2, AREA 5
ZONED: POR



| SCHEDULE A PERIMETER LANDSCAPE EDGE | | | | | | | | | | |
|--|----------------------|-----|------|-----|-----|----------------------------------|----|----|----|----|
| CATEGORY | ADJACENT TO ROADWAYS | | | | | ADJACENT TO PERIMETER PROPERTIES | | | | |
| | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 |
| PERIMETER/FRONTAGE DESIGNATION | E | A | A | A | A | | | | | |
| LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER | 70 | 230 | 486 | 335 | 463 | | | | | |
| CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED) | NO | NO | NO | NO | NO | | | | | |
| CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED) | NO | NO | NO | NO | NO | | | | | |
| NUMBER OF PLANTS REQUIRED | | | | | | | | | | |
| SHADE TREES | 1:40 | 2 | 1:60 | 4 | 0* | 0* | 0* | 0* | 0* | 0* |
| EVERGREEN TREES | 1:4 | 18 | - | - | - | - | - | - | - | - |
| SHRUBS | - | - | - | - | - | - | - | - | - | - |
| NUMBER OF PLANTS PROVIDED | | | | | | | | | | |
| SHADE TREES | 3 | - | 4 | 2 | - | 5 | - | 6 | 2 | 3 |
| EVERGREEN TREES | - | - | - | - | - | - | - | - | 19 | - |
| OTHER TREES(2:1 SUBSTITUTION) | 2 | - | 4 | 3 | - | 16 | - | - | 6 | - |
| SHRUBS(10:1 SUBSTITUTION) | 30 | - | 46 | 25 | - | - | - | - | - | - |

*LANDSCAPING IS NOT REQUIRED BECAUSE ADJOINING PROPERTIES ARE WITHIN THE SAME SUBDIVISION

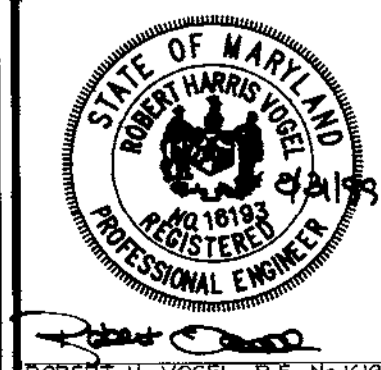
| LANDSCAPE SCHEDULE | | | | |
|--------------------|----------|----------------------------------|------------------|-------|
| KEY | QUANTITY | BOTANICAL NAME | SIZE | COM. |
| AR | 0 | Acer Rubrum 'October Glory' | 2 1/2"-3" Cal. | B # B |
| Z | 17 | Zeikova Serrata 'Green Vase' | 2 1/2"-3" Cal. | B # B |
| GT | 9 | Green Vase Zeikova | 2-2 1/2" Cal. | B # B |
| PY | 15 | Prunus Yedoensis | 1 1/2"-2" Cal. | B # B |
| CK | 3 | Cornus Kousa | 8' - 10' Ht. | B # B |
| M | 2 | Magnolia Stellata | 6' - 8' Ht. | B # B |
| PS | 0 | Prunus Serrulata 'Kwanzan' | 1 1/2" - 2" Cal. | B # B |
| AC | 6 | Amelanchier Canadensis | 1 1/2"-2" Cal. | B # B |
| CL | 24 | Cupressus sparis Leylandi | 6' - 8' Ht. | B # B |
| PA | 0 | Picea Abies | 6' - 8' Ht. | B # B |
| IF | 5 | Ilex attenuata 'Fosterii' | 1 1/2"-2" Cal. | B # B |
| EM | 67 | Euonymus Alatus 'Compacta' | 2' - 2 1/2" Ht. | - |
| EA | 58 | Euonymus Alatus 'Compacta' | 2' - 2 1/2" Ht. | - |
| TB | 86 | Taxus Baccata 'Repandens' | 18" - 24" Sp. | - |
| JH | 31 | Juniperus Horizontalis 'Plumosa' | 18" - 24" Sp. | - |
| LM | 687 | Liriodendron | 18" - 24" Sp. | - |

NOTE: THIS PLAN IS FOR THE PURPOSE OF LANDSCAPING AND SITE LIGHTING ONLY.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DIRECTOR: [Signature] 10/1/99
 CHIEF, DIVISION OF LAND DEVELOPMENT
 CHIEF, DEVELOPMENT ENGINEERING DIVISION: [Signature] 9/21/99

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.
 SIGNATURE OF DEVELOPER: [Signature] 8/31/99

OWNER/DEVELOPER
 SELBORNE-DORSEY LIMITED PARTNERSHIP
 C/O ORCHARD DEVELOPMENT
 3479 OLD COLUMBIA PIKE
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-750-1800
 ATTN: SCOTT ARMIGER



DESIGN BY: GAH
 DRAWN BY: PS
 CHECKED BY: GAH
 DATE: Aug. 31, 1999
 SCALE: 1"=30'
 W.O. NO.: 98-126
 8 SHEET OF 8

PARCEL 0-7
DORSEY HALL
SECTION 2, AREA 5
ZONED : POR

Existing Building

PARCEL 0-9
11.3505 Acres

PROPOSED PHASE 2
BUILDING

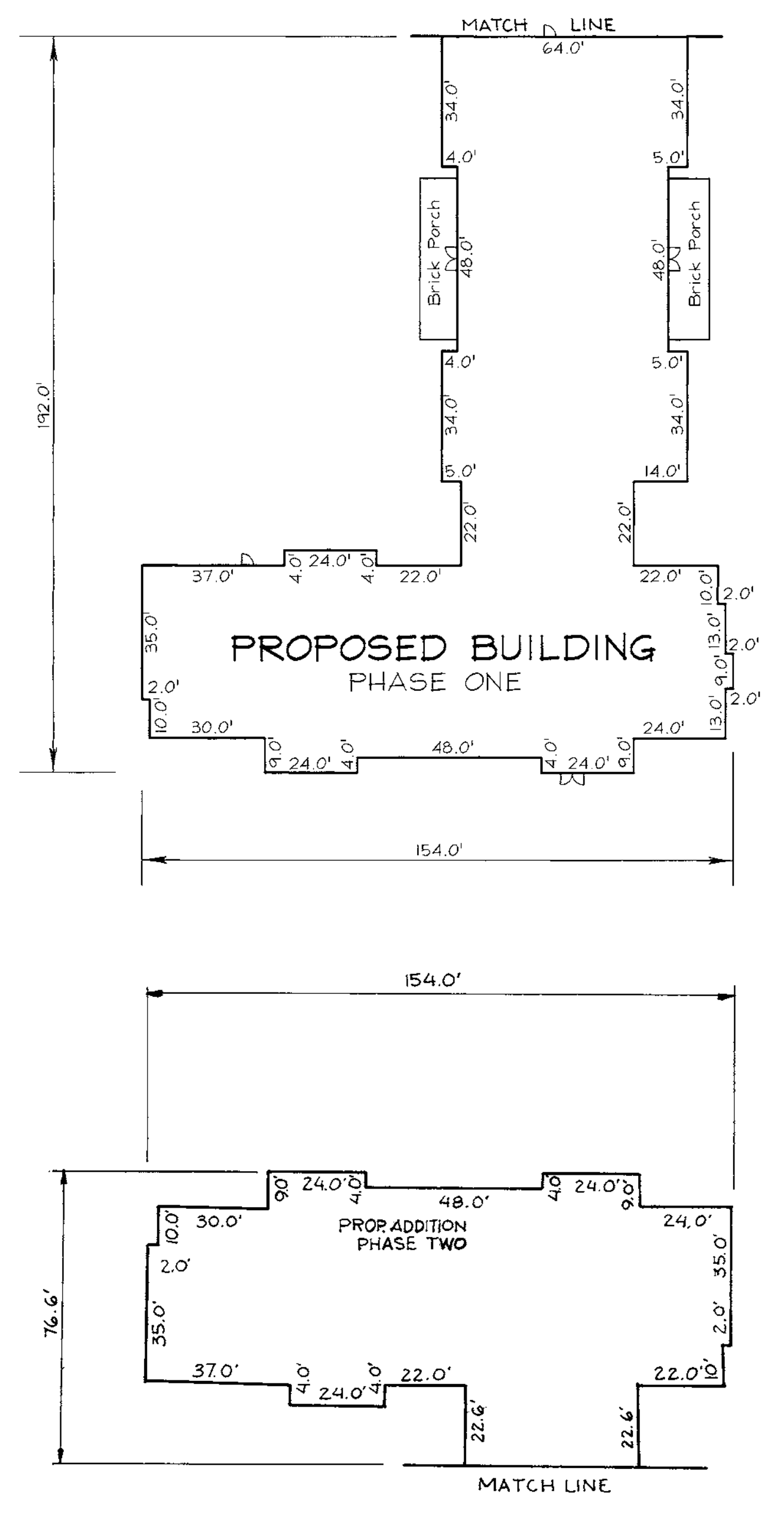
PROPOSED BUILDING
PHASE ONE

PARCEL 0-8
2.1680 Acres

PARCEL 0-3
DORSEY HALL
SECTION 2, AREA 5
ZONED : POR

Existing Building

Existing Building



US ROUTE 29
(PUBLIC ROAD)

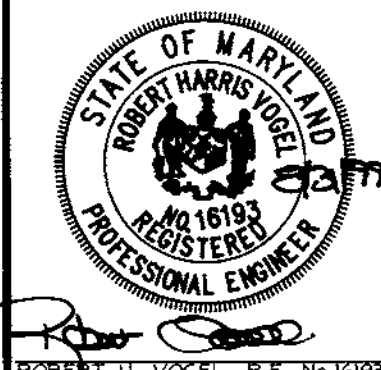
DORSEY HALL DRIVE
(PUBLIC ROAD)

Note:
For P-2 and P-3 paving divides, see Paving Detail on
sheet 6 of 8

SITE DEVELOPMENT PLAN
SELBORNE HOUSE OF
DORSEY HALL
PHASE ONE+TWO
DORSEY HALL
TAX MAP #30 PARCELS 0-8 & 0-9
2ND ELECTION DISTRICT 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



DESIGN BY: GAH
DRAWN BY: PS
CHECKED BY: GAH
DATE: Aug 31, 1999
SCALE: 1"=30'
W.O. NO.: 98-126

2 SHEET OF 8

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
James Butler 10/1/99
 DIRECTOR DATE
Chris Hanatta 9/21/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
John Dammann 9/2/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

OWNER/DEVELOPER
SELBORNE-DORSEY
LIMITED PARTNERSHIP
C/O ORCHARD DEVELOPMENT
3479 OLD COLUMBIA PIKE
ELlicOTT CITY, MARYLAND 21043
PHONE : 410-750-1800
ATTN : SCOTT ARMIGER

| NO. | REVISION | DATE |
|-----|----------------------------|----------|
| 2 | ADD GAZEBO & FOUNTAIN | 11/06/01 |
| 1 | ADD PHASE 2 BLDG & PARKING | 5-29-01 |
| | | |

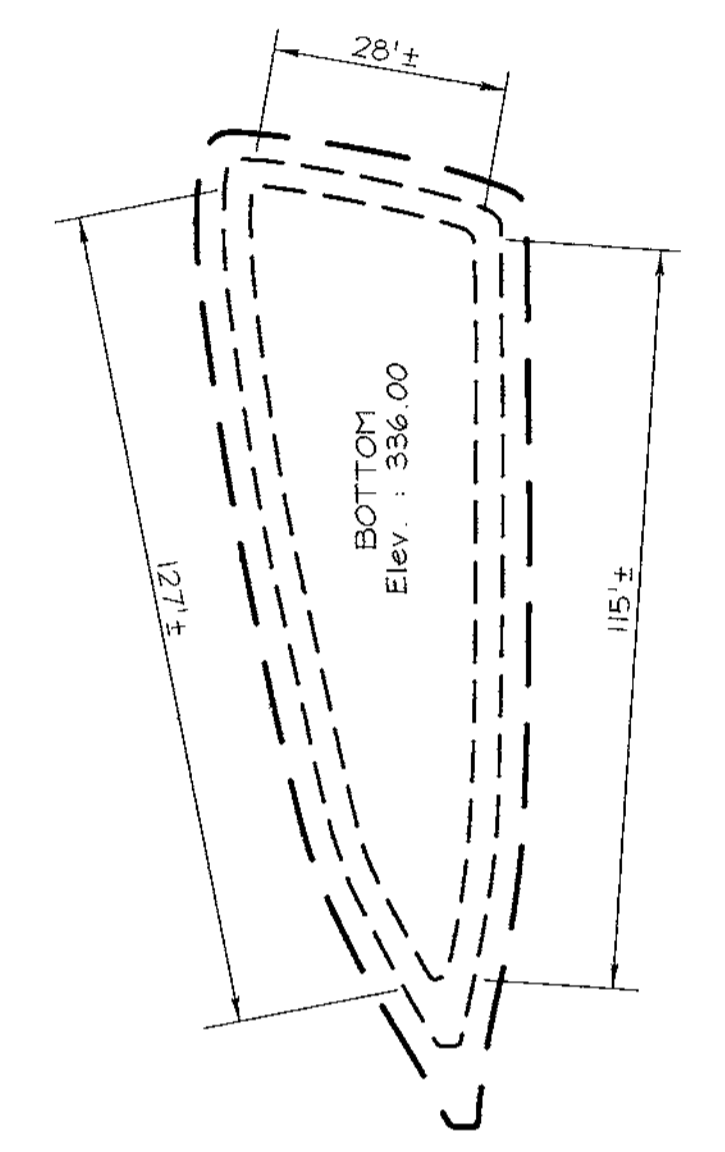
TRAP NO. 1 (ST-1)
PIPE OUTLET SEDIMENT TRAP

EX. D.A. = 2.9 ACRES
PROP. D.A. = 3.36 ACRES
WET STORAGE REQUIRED = 6048 CF
DRY STORAGE REQUIRED = 6048 CF
WET STORAGE PROVIDED = 11,841 CF
DRY STORAGE PROVIDED = 11,396 CF
WET STORAGE ELEV. = 339.0
DRY STORAGE ELEV. = 341.0
BOTTOM ELEV. = 336.0
BOTTOM DIMENSIONS = SEE DETAIL BELOW
RISER CREST = 341.0
TOP OF DAM = 342.0
RISER = 21"
TRASH RACK = 36"
STORAGE DEPTH = 5.0'
CLEANOUT = 337.50
SIDE SLOPES = 2:1
OUTFALL : UNDISTURBED

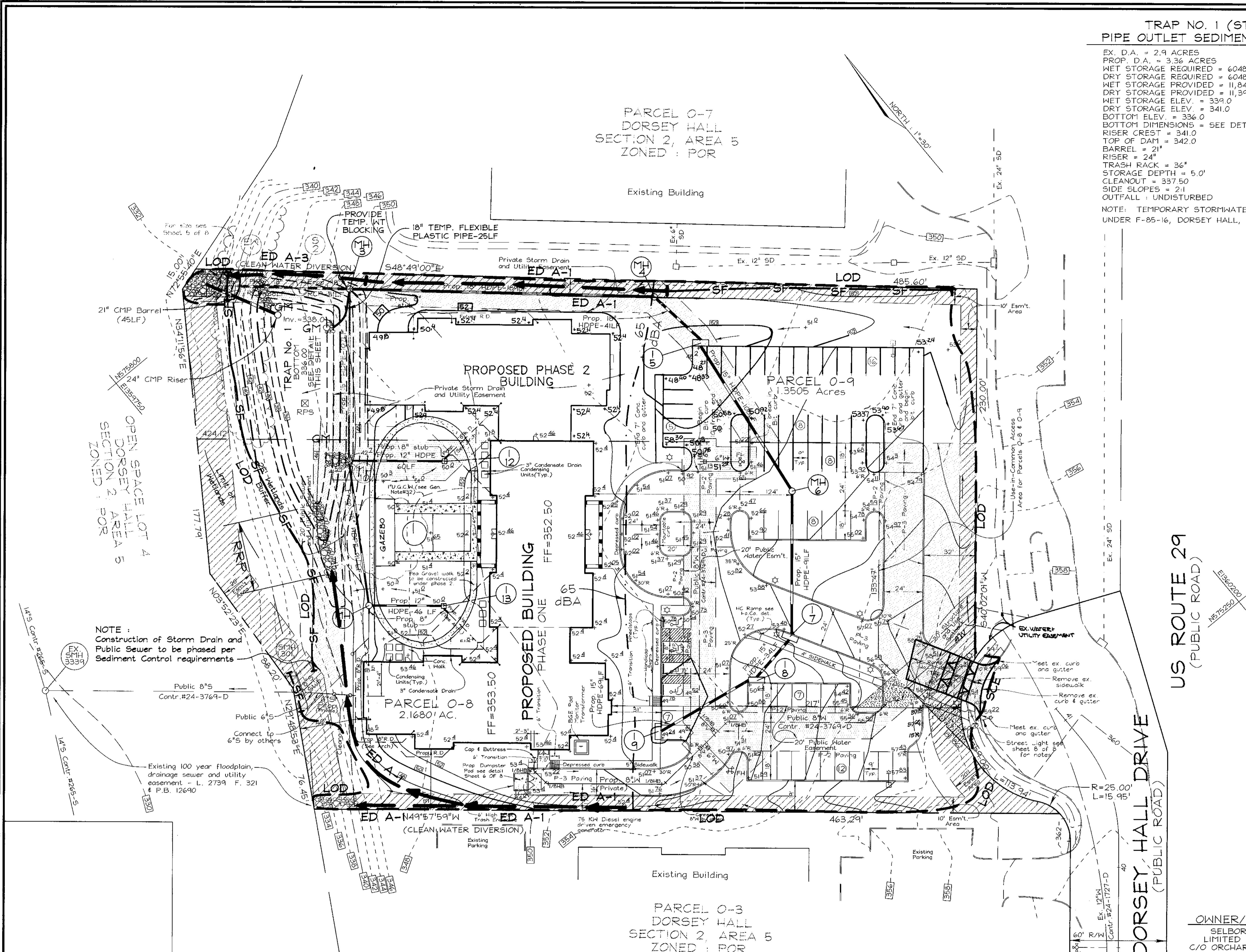
NOTE: TEMPORARY STORMWATER MANAGEMENT IS PROVIDED UNDER F-85-16, DORSEY HALL, SECTION 2, AREA 1, COLUMBIA ROAD.

LEGEND

| | | |
|----------------------------------|---------------------|------|
| EXISTING CONTOUR | --- | +352 |
| PROPOSED CONTOUR | --- | +353 |
| SPOT ELEVATION | + | +353 |
| DIRECTION OF FLOW | → | |
| TREE PROTECTION FENCE | ⊘ | |
| EXISTING TREES TO REMAIN | ⊘ | |
| LIGHT POLES | POST TOP ⊕ OVERHEAD | |
| STABILIZED CONSTRUCTION ENTRANCE | ▬ | |
| SILT FENCE | ▬ SF ▬ SF | |
| EARTH DIKE | ▬ ED A-1 ▬ | |
| LIMIT OF DISTURBANCE | ▬ LOD ▬ | |
| RIP-RAP INFLOW PROTECTION | ▬ RRP ▬ | |
| GABION INFLOW PROTECTION | ▬ G-1 ▬ | |
| REMOVABLE PUMPING STATION | ⊠ RPS | |
| EXISTING DRAINAGE DIVIDE | → | |



TRAP NO. 1
BOTTOM DIMENSION DETAIL
SCALE: 1"=30'



US ROUTE 29
(PUBLIC ROAD)

DORSEY HALL DRIVE
(PUBLIC ROAD)

NOTE:
Construction of Storm Drain and Public Sewer to be phased per Sediment Control requirements

THESE PLANS HAVE BEEN REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

Cheryl Simmons 9/13/99
LEDA-NATURAL RESOURCES CONSERVATION SERVICE DATE

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

John P. Dutton 9/13/99
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

David K. ... 10/1/99
DIRECTOR DATE

Candy ... 9/29/99
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Cheryl ... 9/21/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE TO THESE PLANS, 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.

[Signature] 9/31/99
SIGNATURE OF DEVELOPER DATE

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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 9/31/99
SIGNATURE OF ENGINEER DATE
ROBERT H. VOGEL

| | | |
|-----|----------------------------|---------|
| 2 | ADD GAZEBO & FOUNTAIN | 11/4/91 |
| 1 | ADD PHASE 2 BLDG & PARKING | 5-29-01 |
| NO. | REVISION | DATE |

SEDIMENT AND EROSION CONTROL PLAN
SELBORNE HOUSE OF DORSEY HALL
PHASE ONE + TWO
DORSEY HALL

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

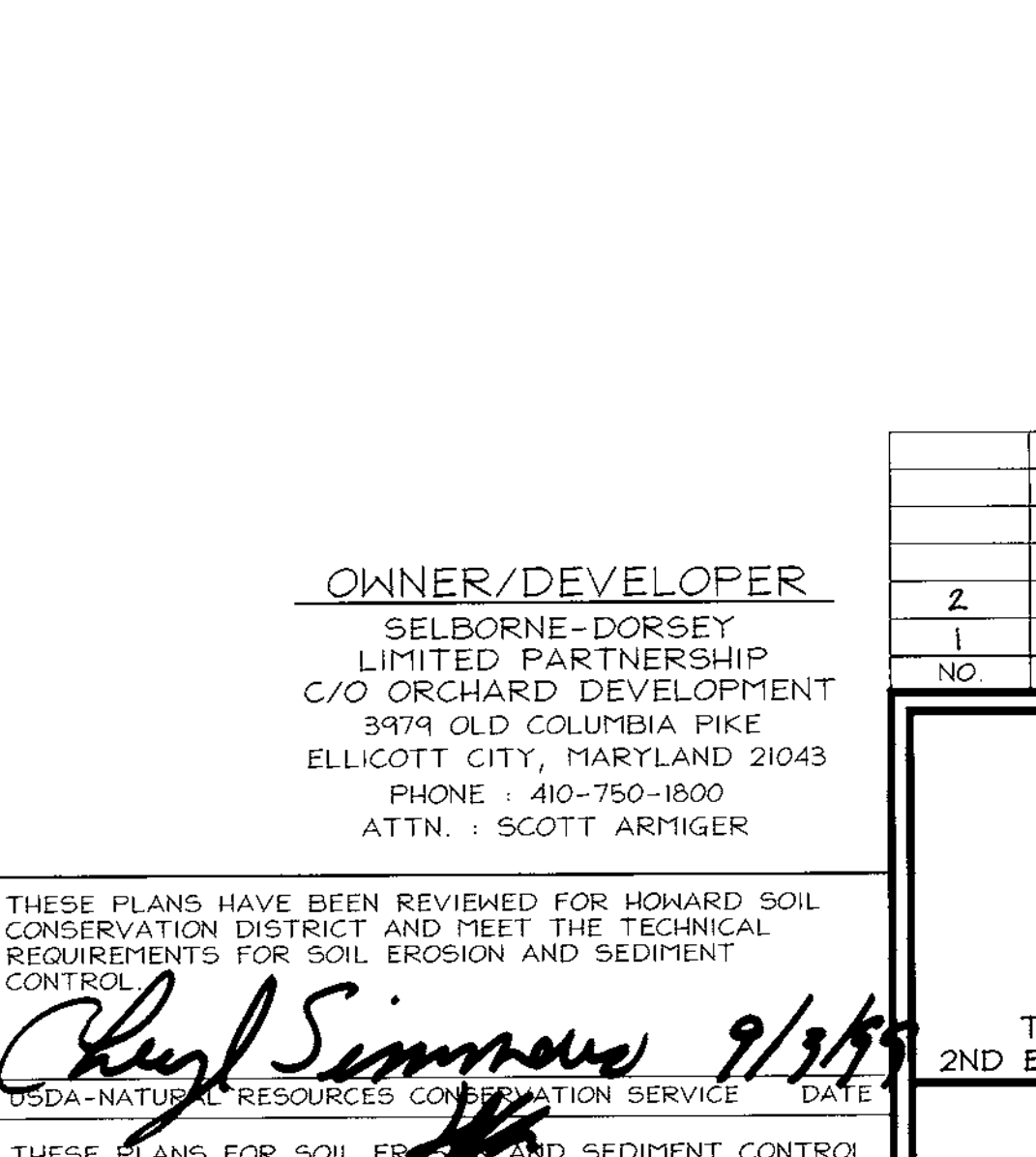
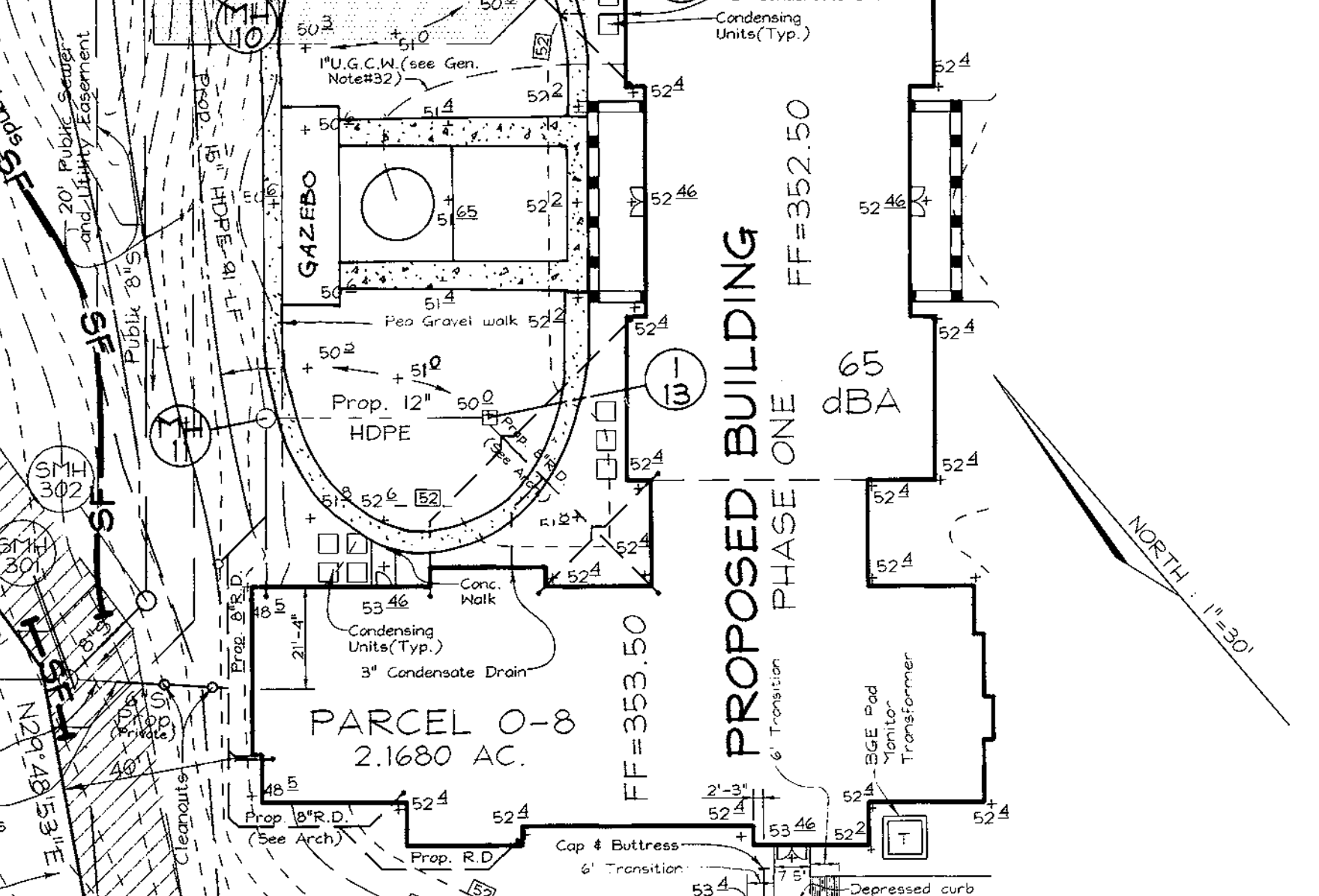
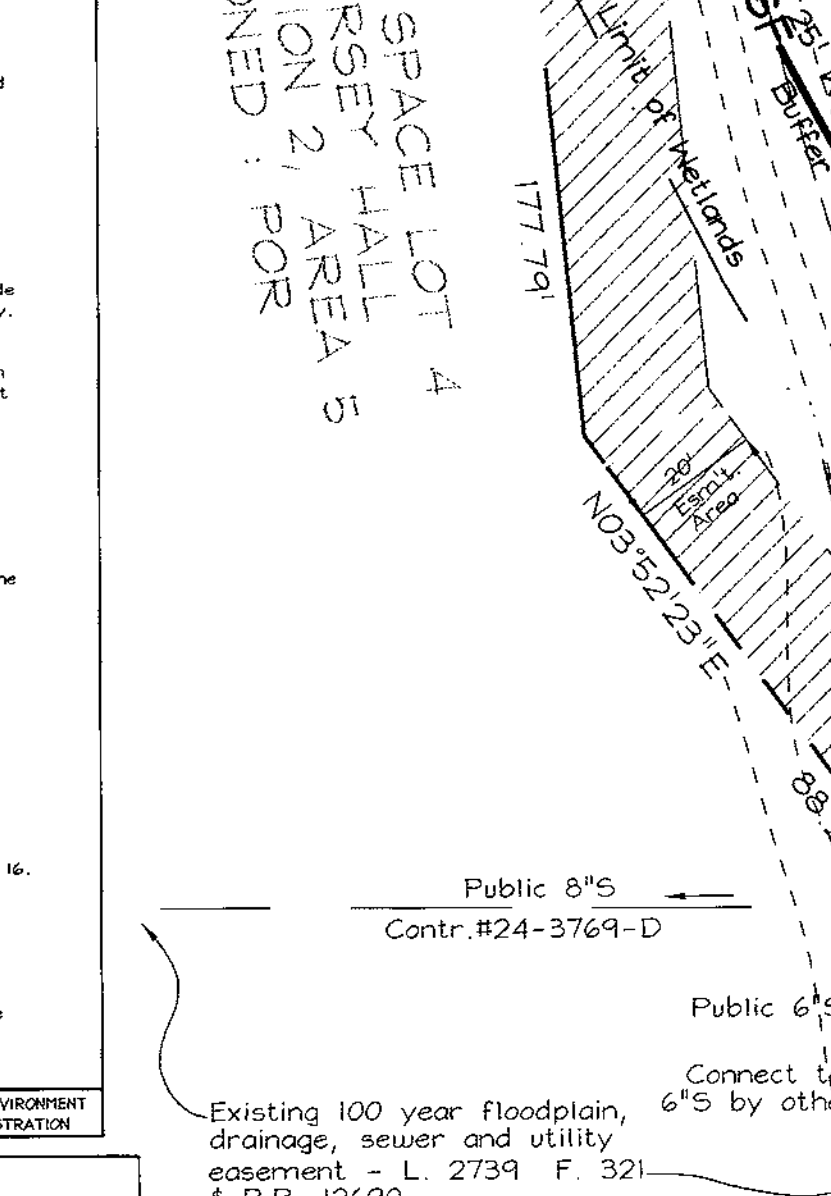
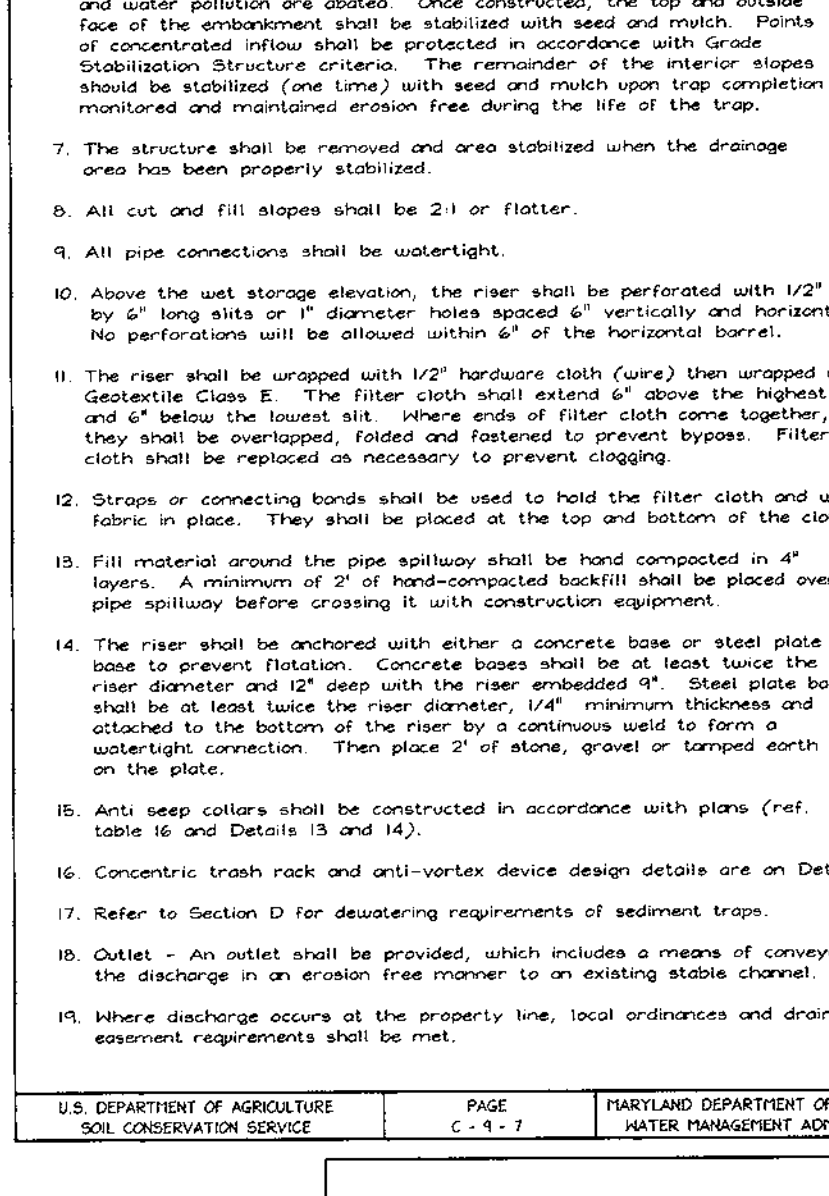
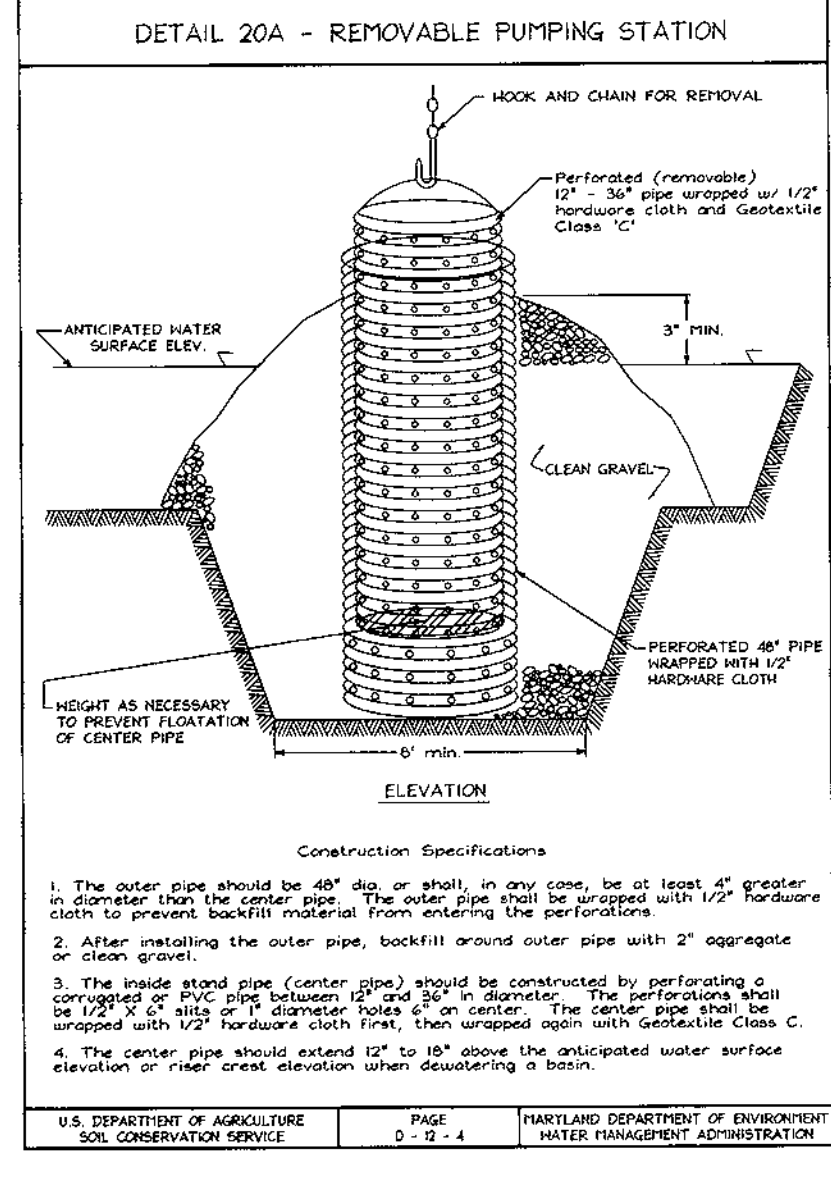
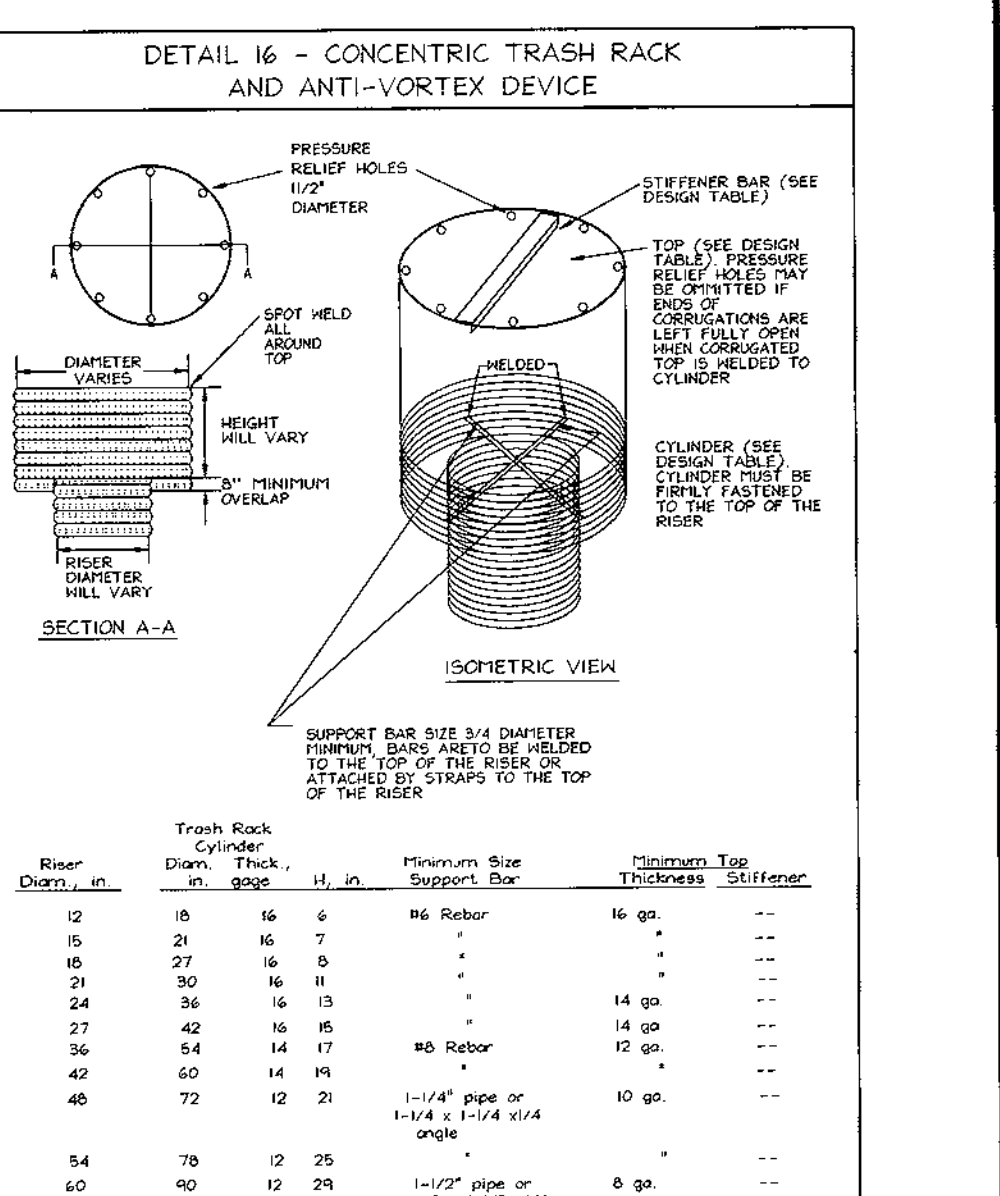
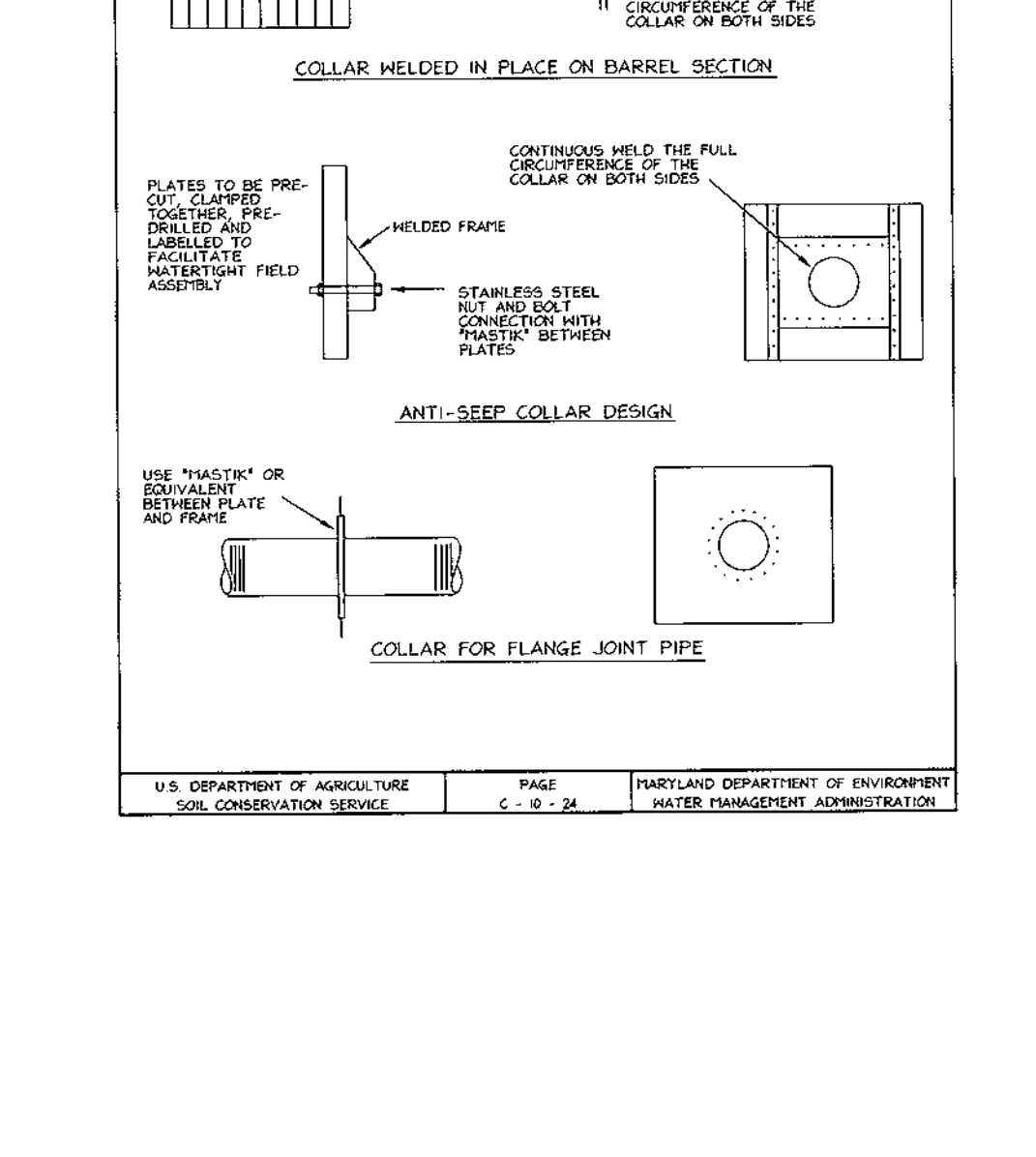
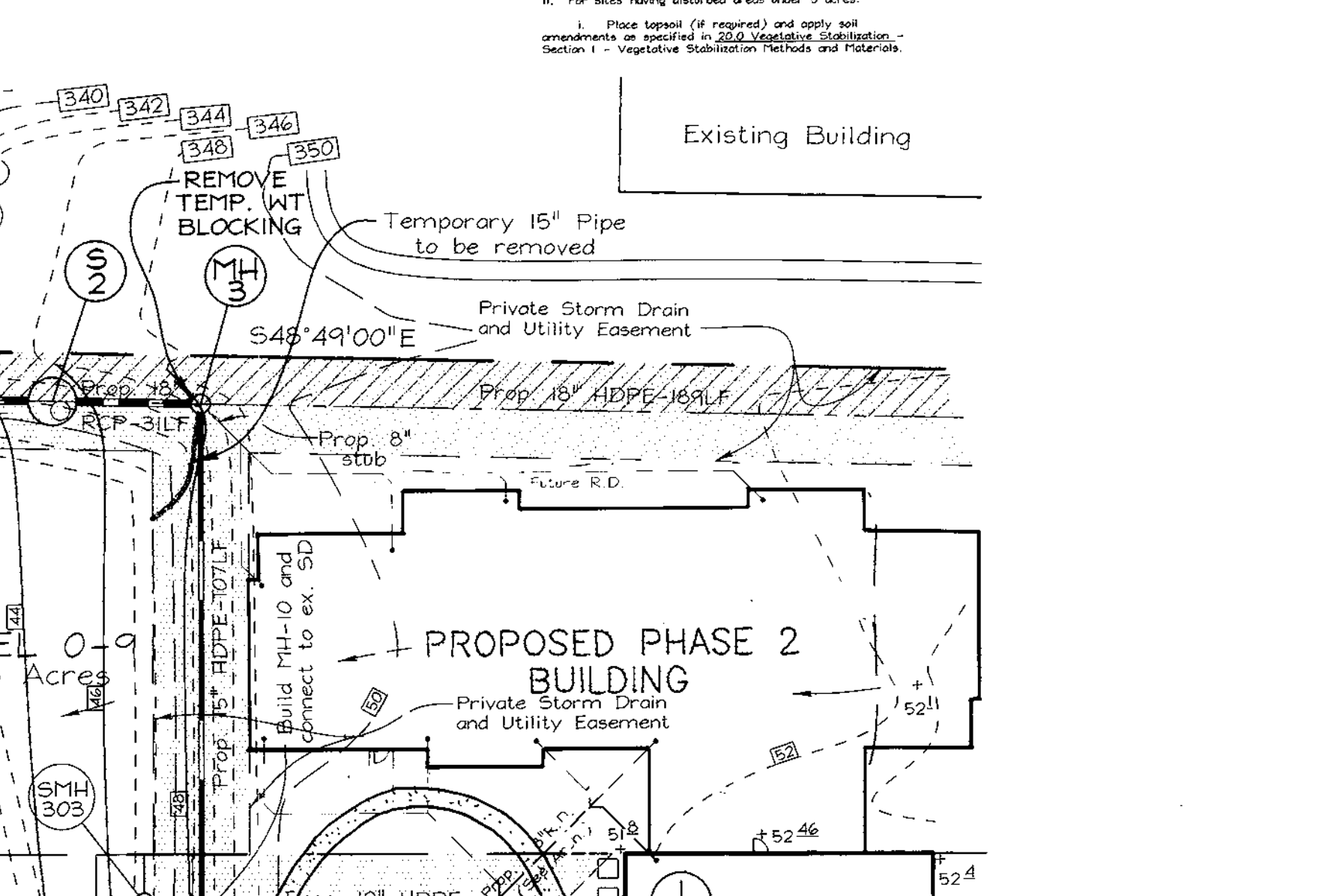
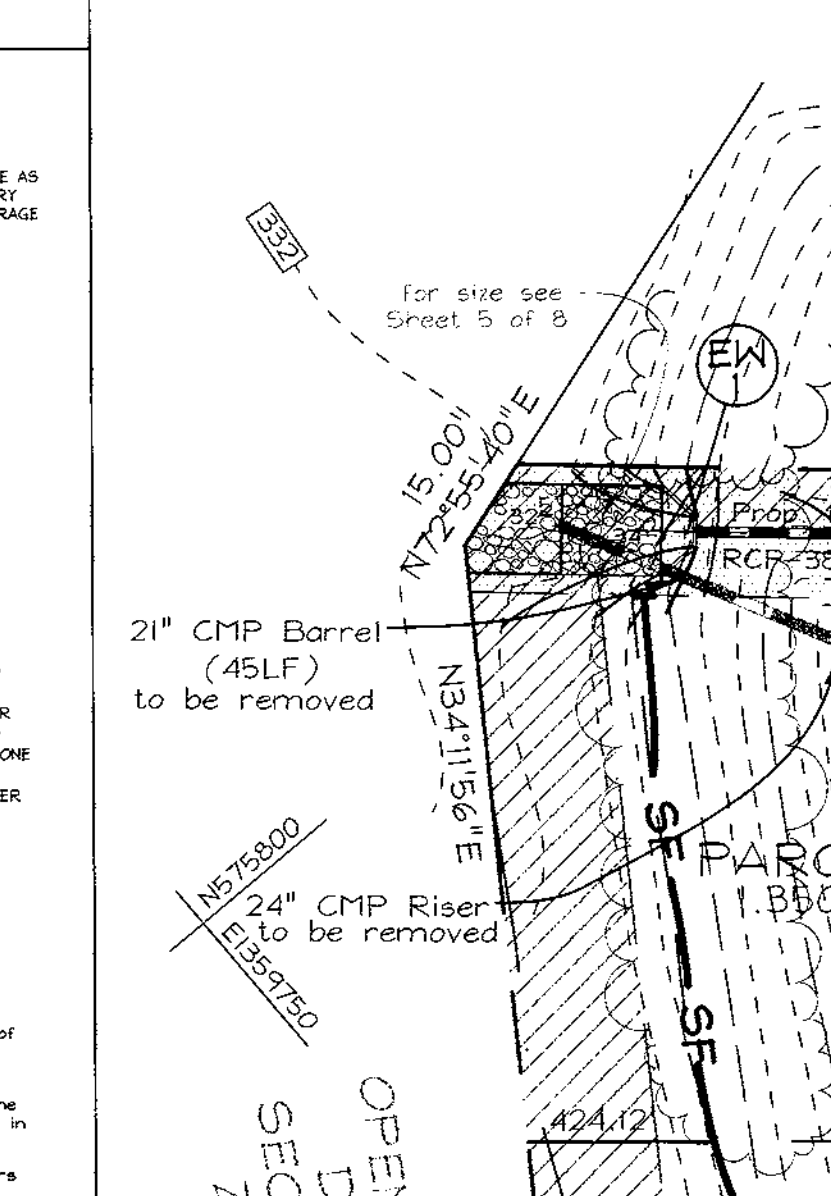
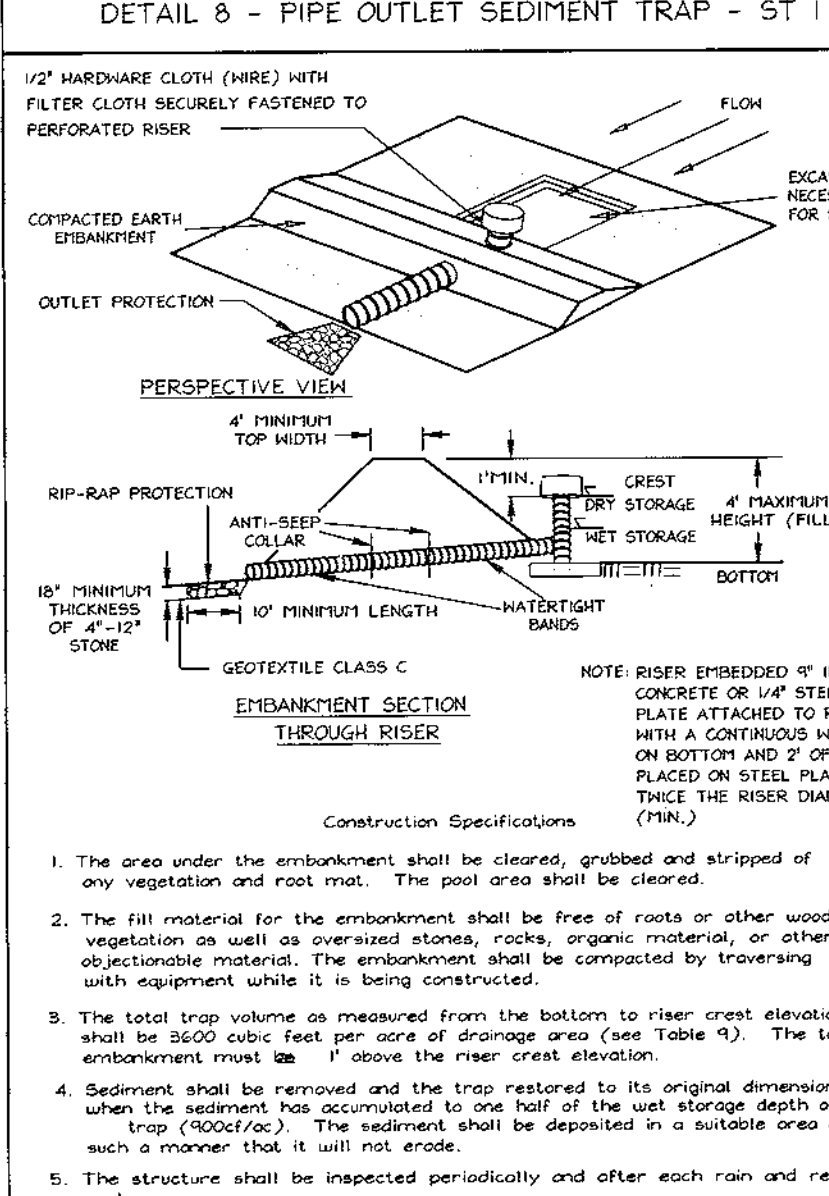
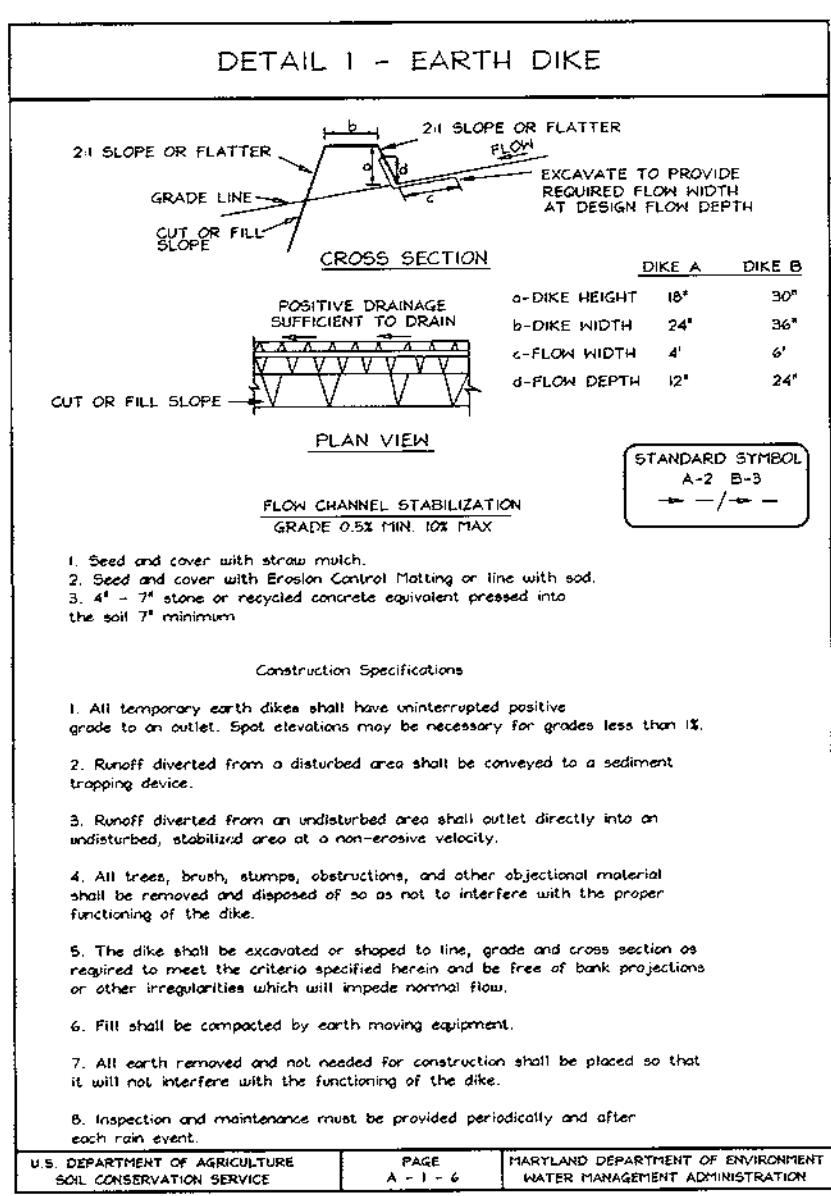
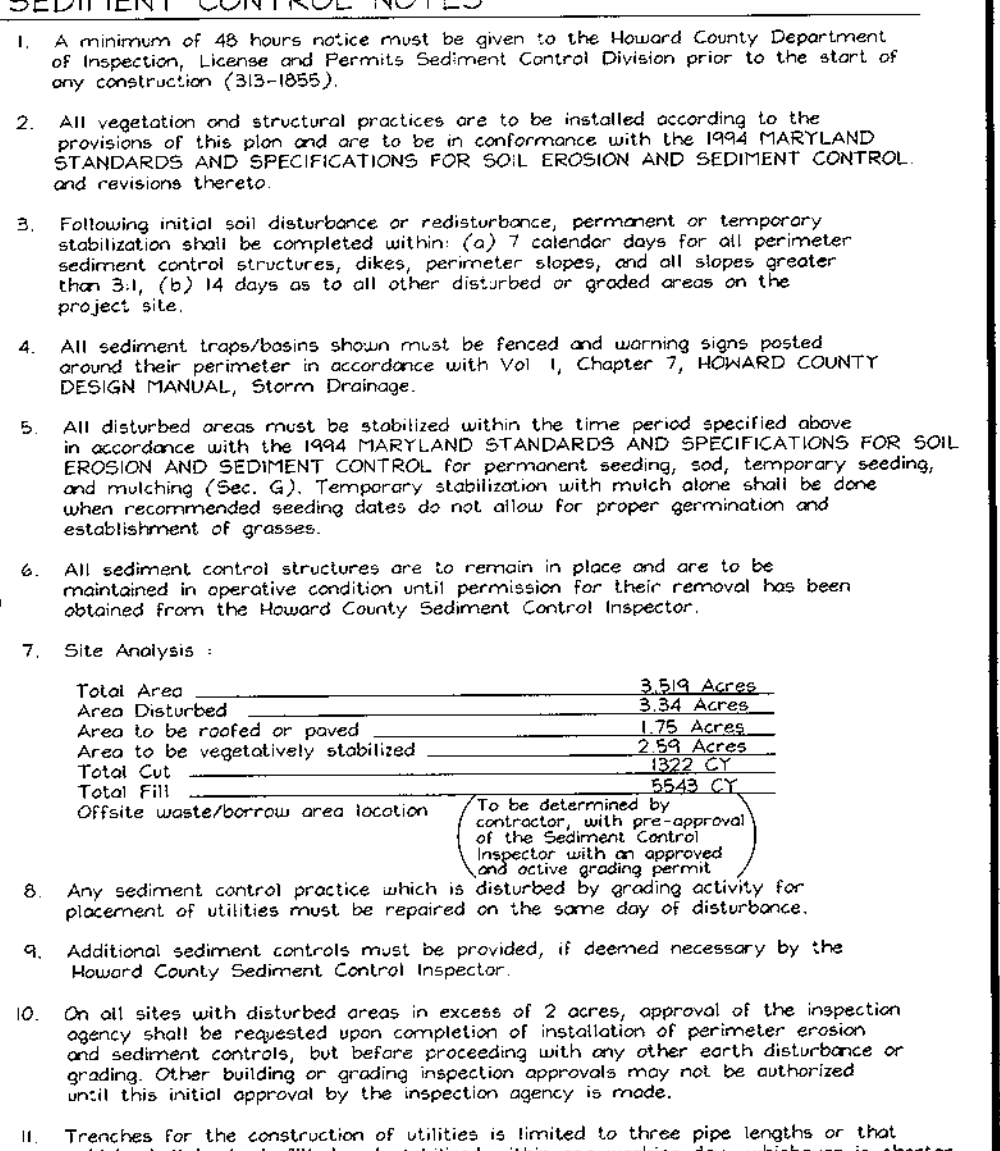
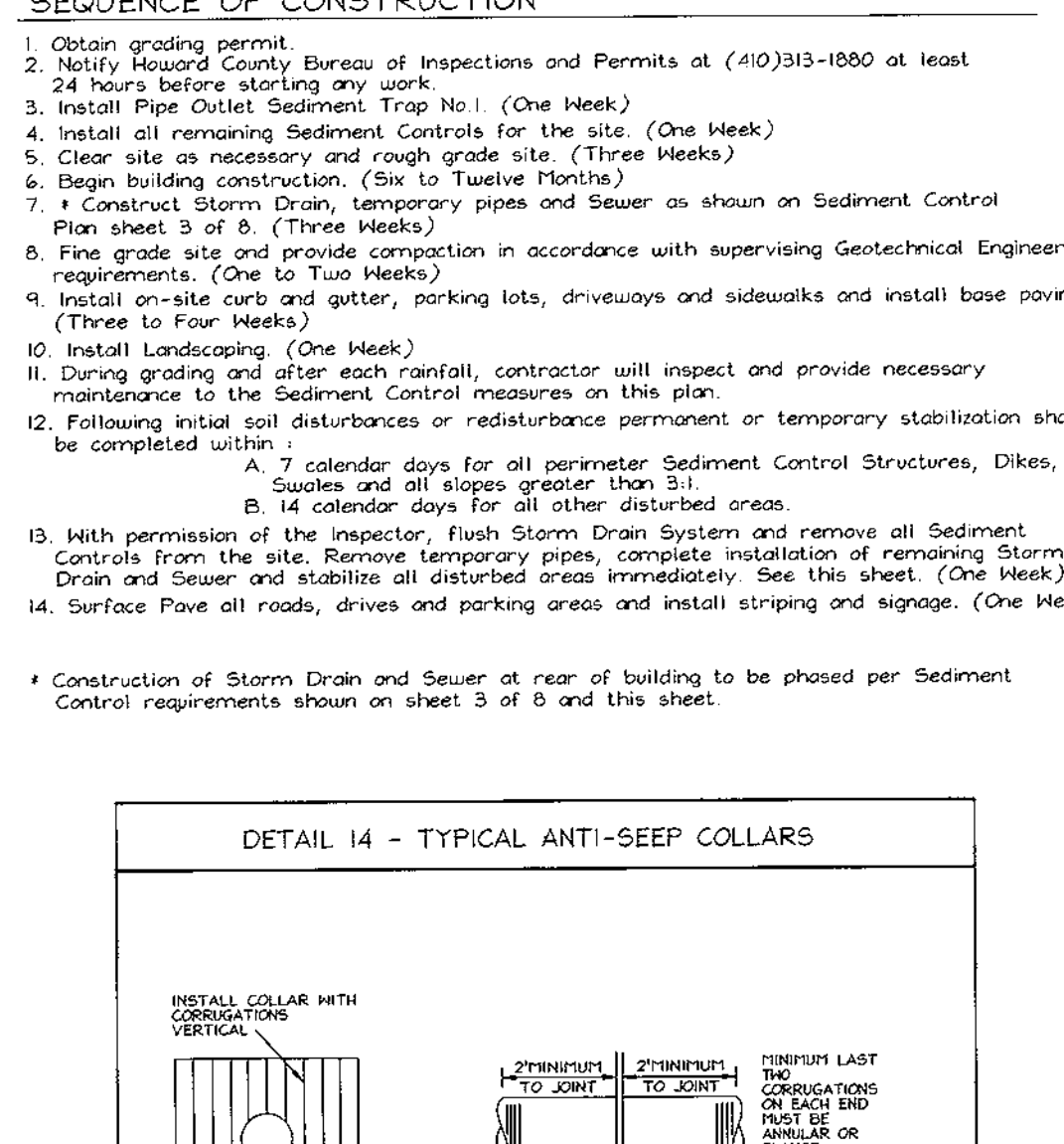
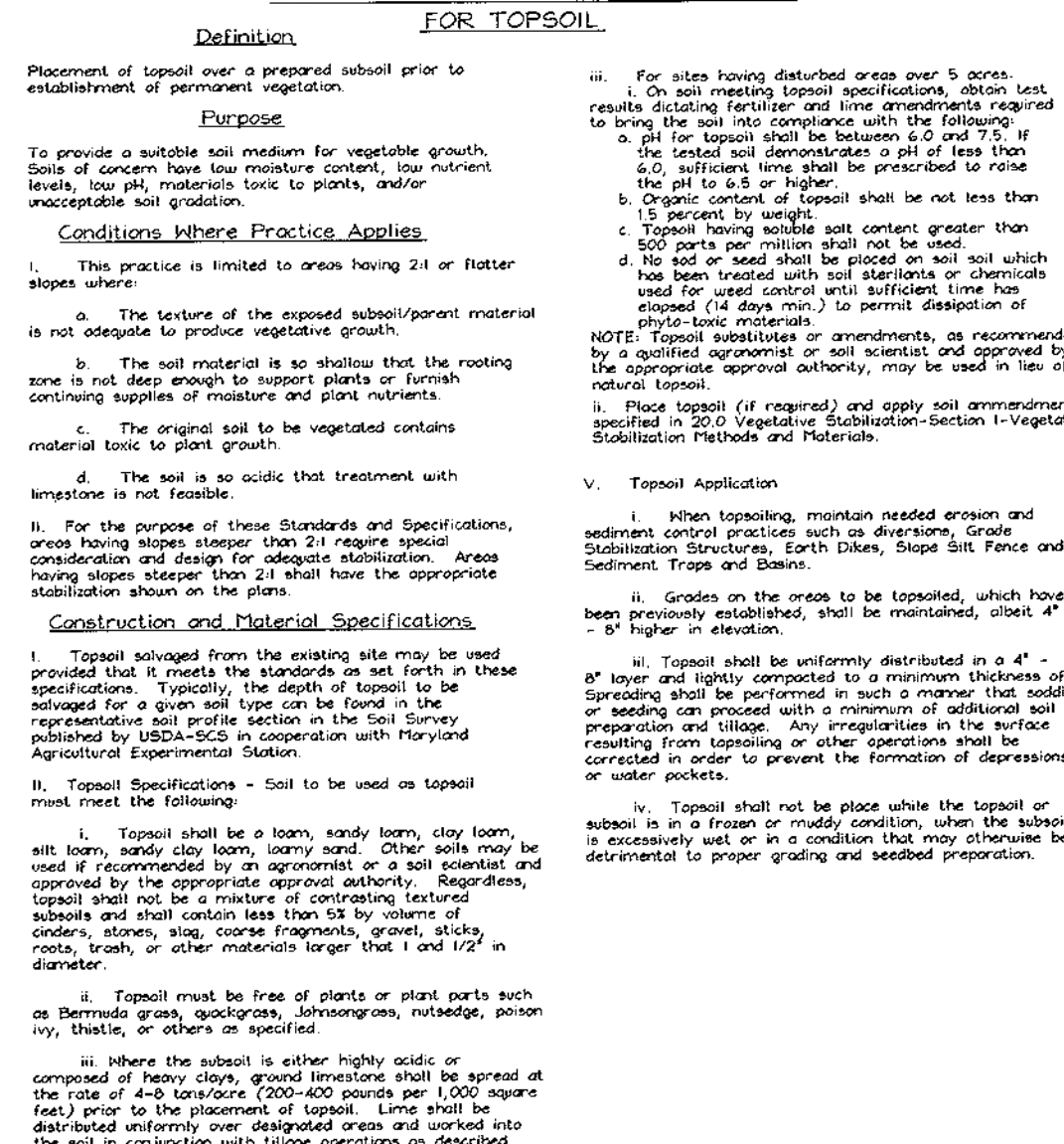
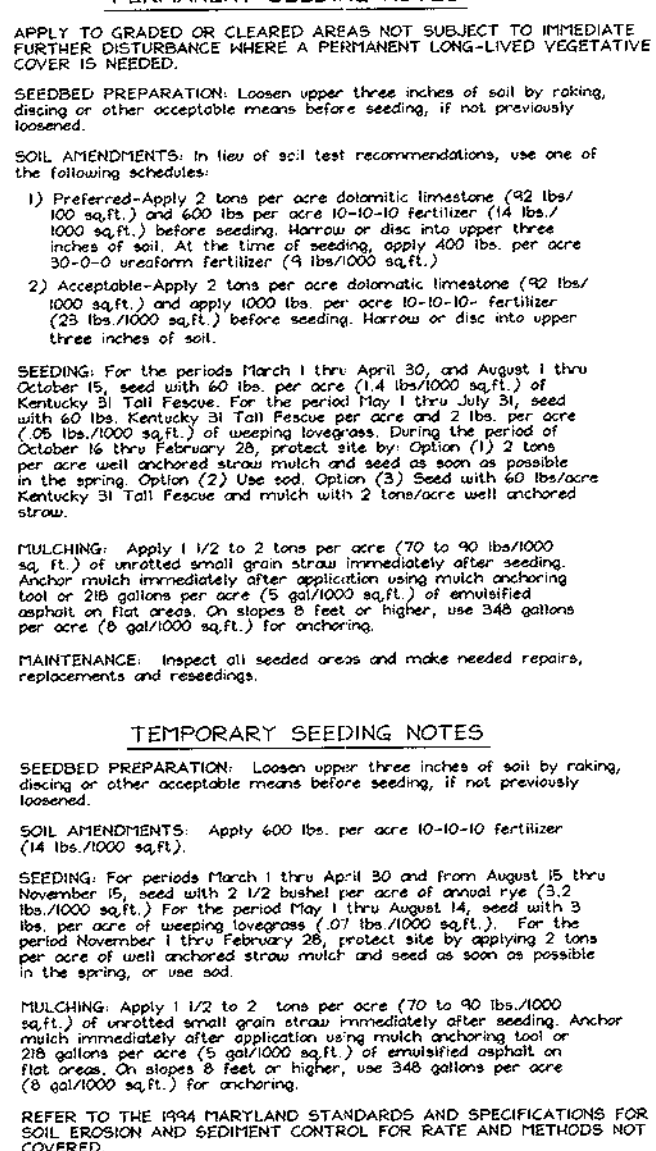
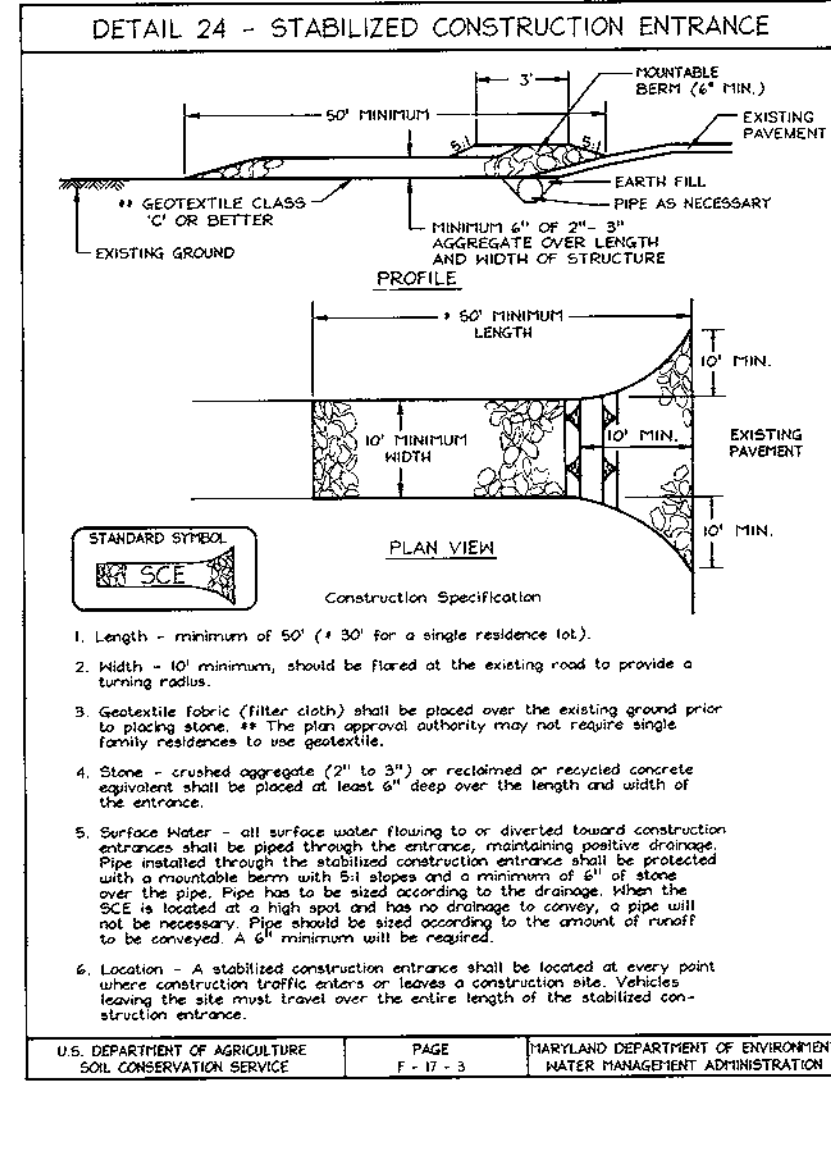
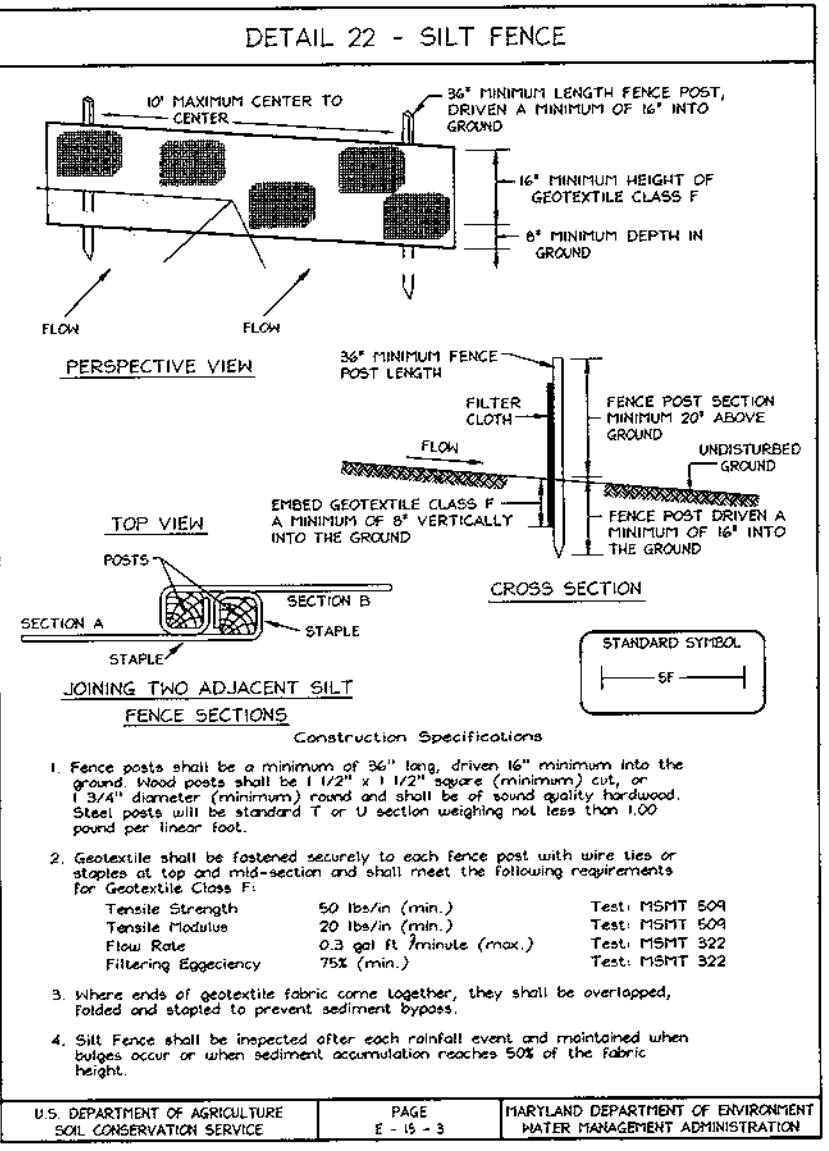
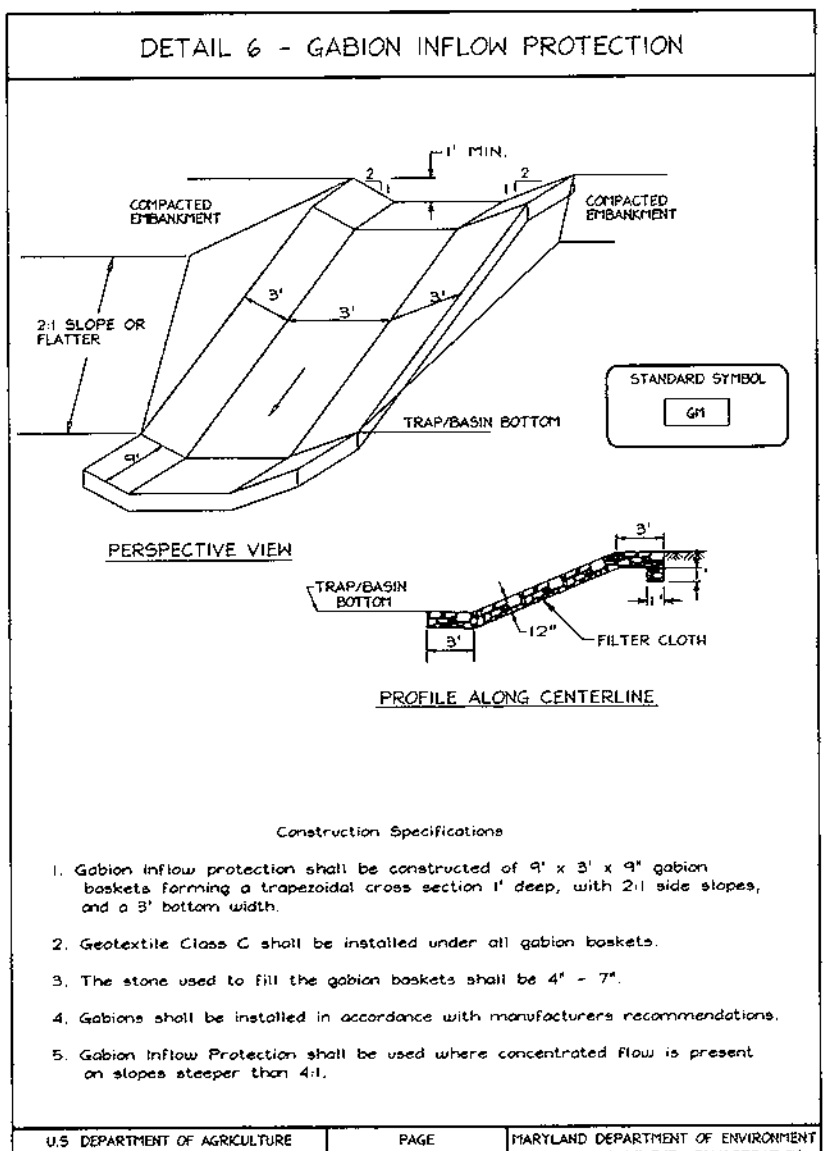
VOGEL & ASSOCIATES
ENGINEERS/SURVEYORS/PLANNERS

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

DESIGN BY: GAH
DRAWN BY: PS
CHECKED BY: GAH
DATE: Aug. 31, 1999
SCALE: 1"=30'
W.O. NO.: 98-126

[Signature]
ROBERT H. VOGEL, P.E. No. 16193

3 SHEET OF 8



| Trash Rack | Bar | Length | Width | Support Bar | Minimum Top | Minimum Top |
|------------|--------|--------|-------|-------------|-------------------------------|-------------|
| Diagn | Thick. | ft. | in. | in. | Support Bar | Stiffener |
| 12 | 18 | 16 | 6 | 66 | Rebar | 16 ga. |
| 15 | 27 | 16 | 7 | 66 | Rebar | 16 ga. |
| 21 | 30 | 16 | 11 | 66 | Rebar | 14 ga. |
| 24 | 42 | 14 | 11 | 66 | Rebar | 14 ga. |
| 27 | 42 | 14 | 15 | 66 | Rebar | 12 ga. |
| 36 | 54 | 14 | 17 | 66 | Rebar | 12 ga. |
| 42 | 60 | 14 | 18 | 66 | Rebar | 12 ga. |
| 48 | 72 | 12 | 21 | 66 | 1-1/2" pipe or 2x2x1/2" angle | 10 ga. |
| 54 | 78 | 12 | 25 | 66 | 1-1/2" pipe or 2x2x1/2" angle | 8 ga. |
| 60 | 84 | 10 | 24 | 66 | 1-1/2" pipe or 2x2x1/2" angle | 8 ga. |
| 66 | 96 | 10 | 33 | 66 | 2" pipe or 2x2x1/2" angle | 8 ga. |
| 72 | 102 | 10 | 36 | 66 | 2-1/2" pipe or 2x2x1/2" angle | 8 ga. |
| 78 | 114 | 10 | 38 | 66 | 2-1/2" pipe or 2x2x1/2" angle | 8 ga. |
| 84 | 120 | 10 | 42 | 66 | 2-1/2" pipe or 2x2x1/2" angle | 8 ga. |

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 10/16/99 DATE

[Signature] 9/29/99 DATE

[Signature] 9/21/99 DATE

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 4 OF 4

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

ENGINEER'S 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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

[Signature] 8/21/99 DATE

SIGNATURE OF ENGINEER ROBERT H. VOGEL

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THESE PLANS, 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."

[Signature] 8/31/99 DATE

SIGNATURE OF DEVELOPER

SEDIMENT AND EROSION CONTROL DETAILS SELBORNE HOUSE OF DORSEY HALL PHASE ONE+ TWO DORSEY HALL

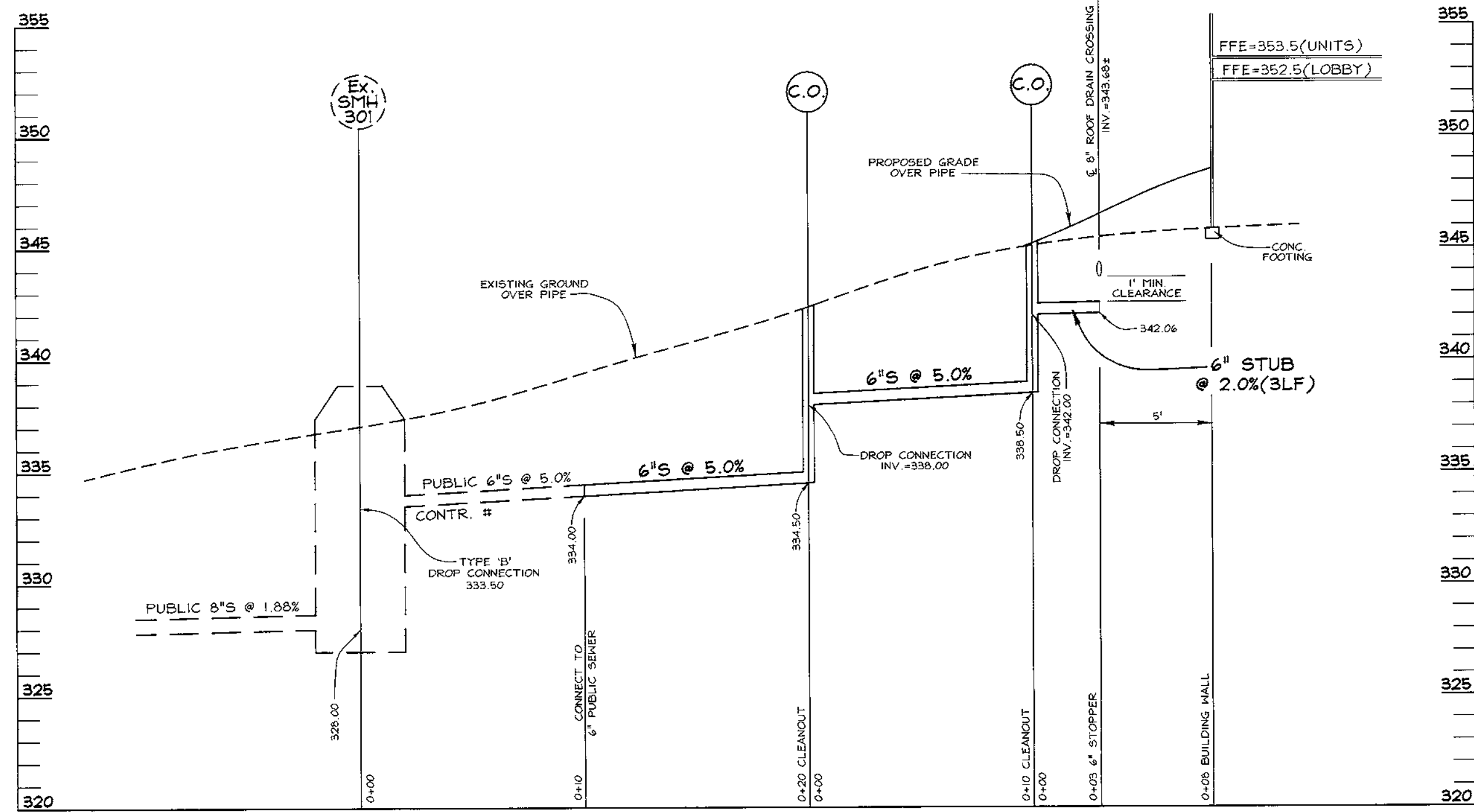
TAX MAP #30 PARCELS 0-8 & 0-9 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

VOGEL & ASSOCIATES ENGINEERS/SURVEYORS/PLANNERS

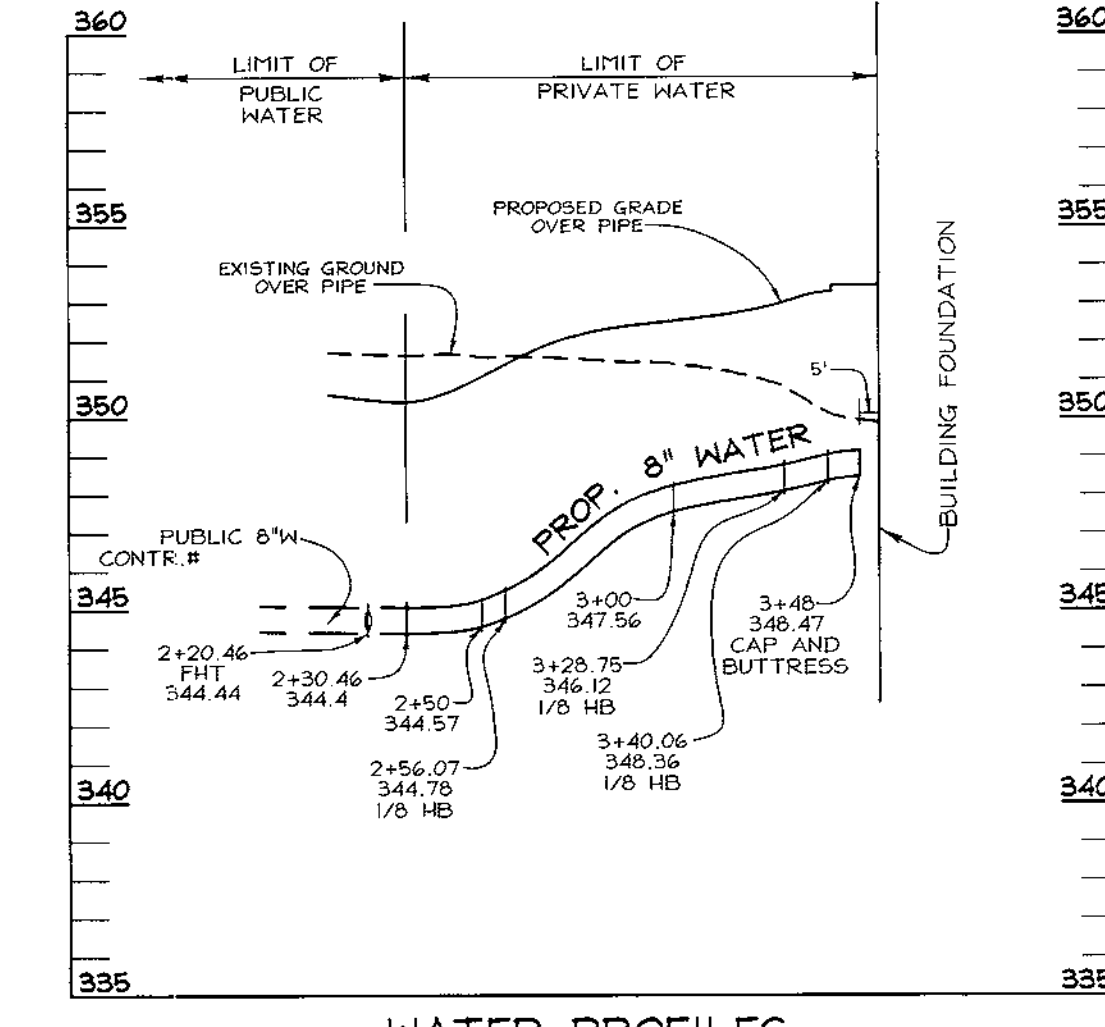
3691 Park Avenue, Suite 101 • Elliott City, Maryland 21043
Tel 410.461.5828 Fax 410.465.3966

DESIGN BY: GAH
DRAWN BY: PS
CHECKED BY: GAH
DATE: Aug. 31, 1999
SCALE: As Shown
NO. NO.: 98-126

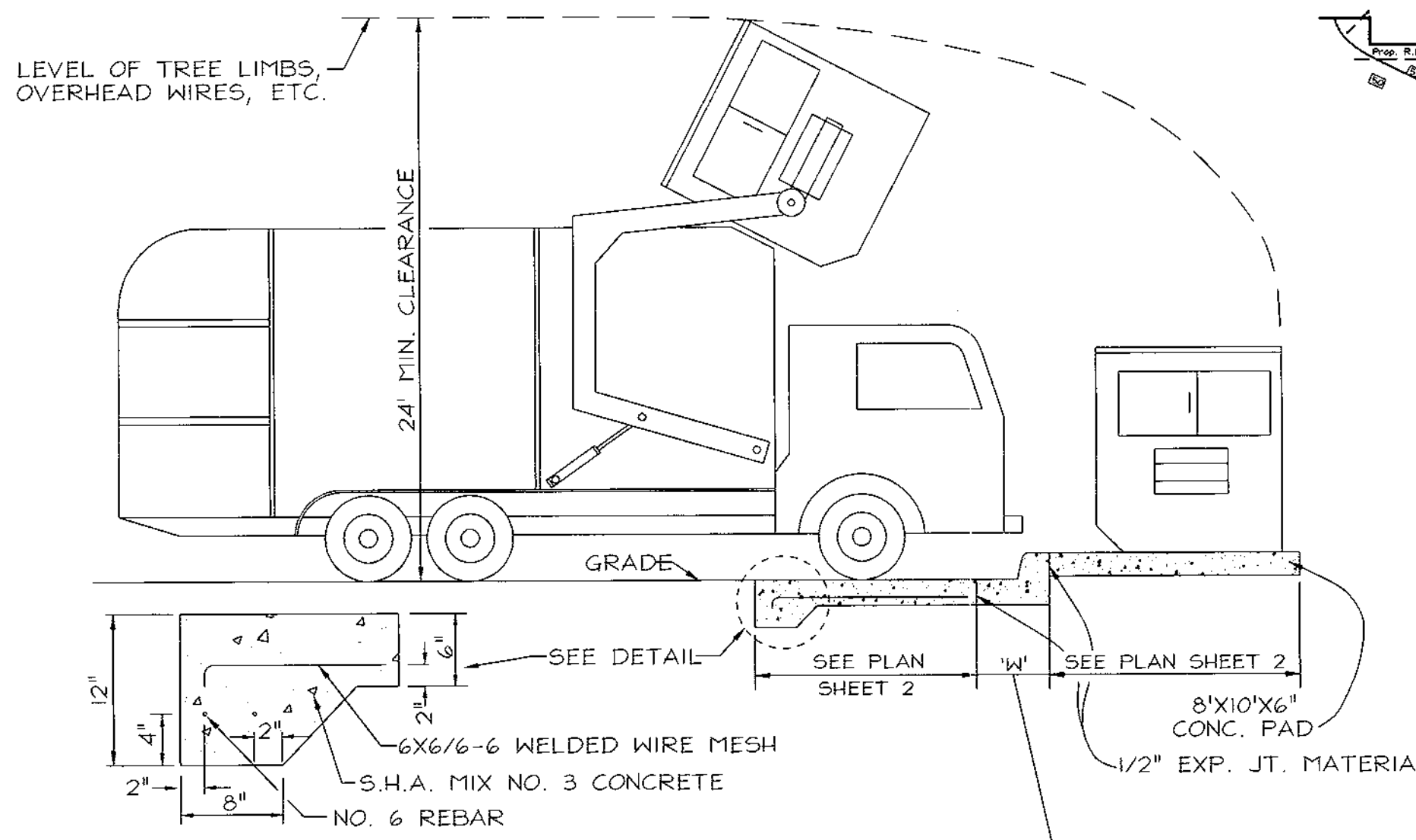
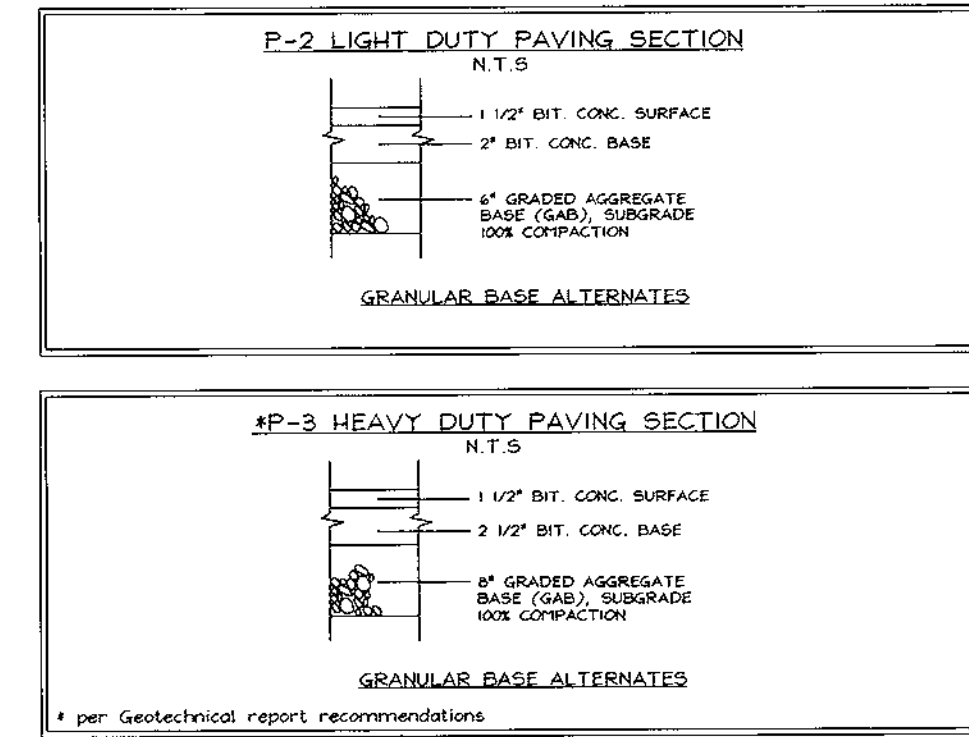
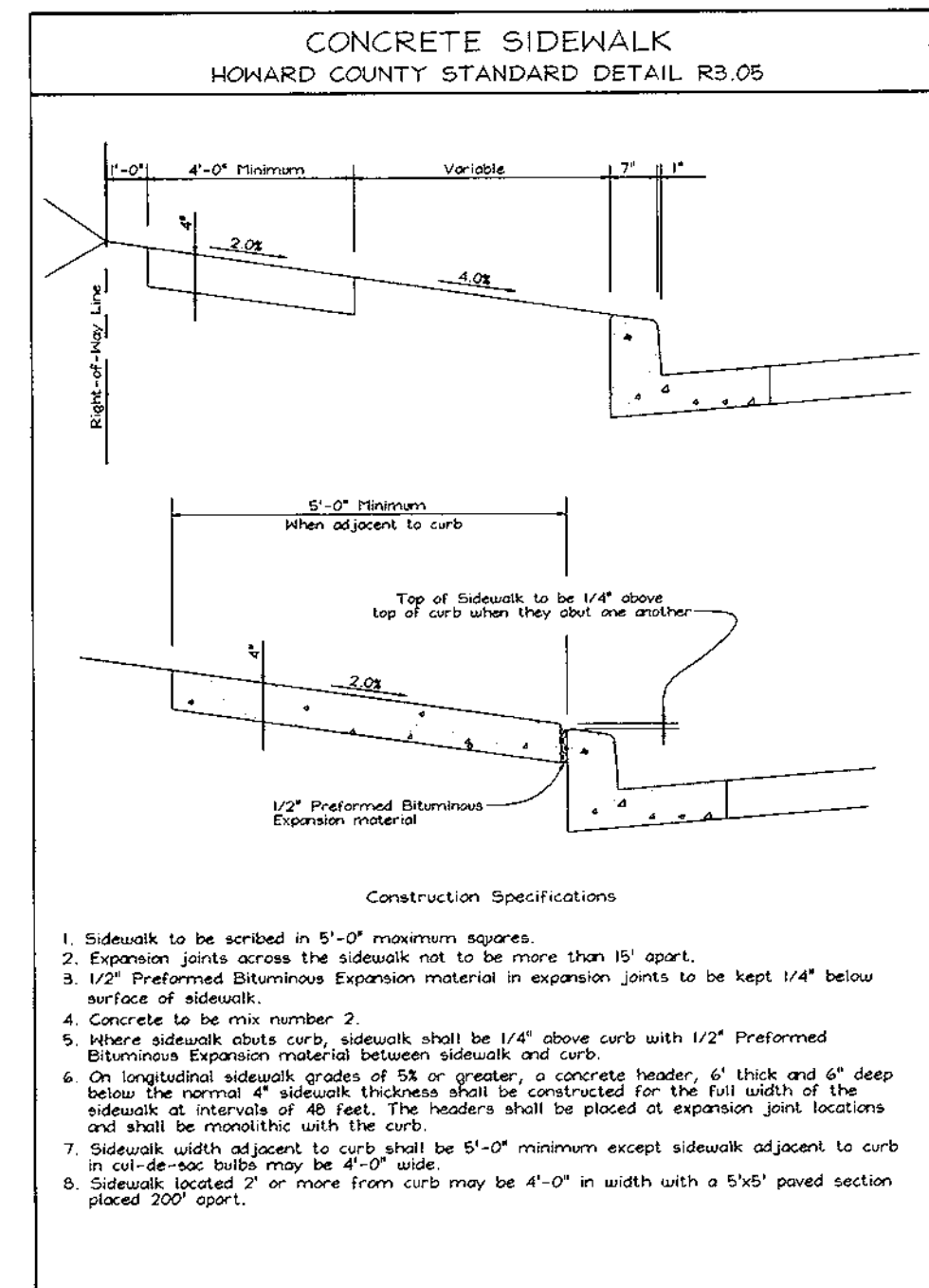
4 SHEET OF 8



SEWER PROFILES
SCALE: HORIZONTAL - 1"=5'
VERTICAL - 1"=5'

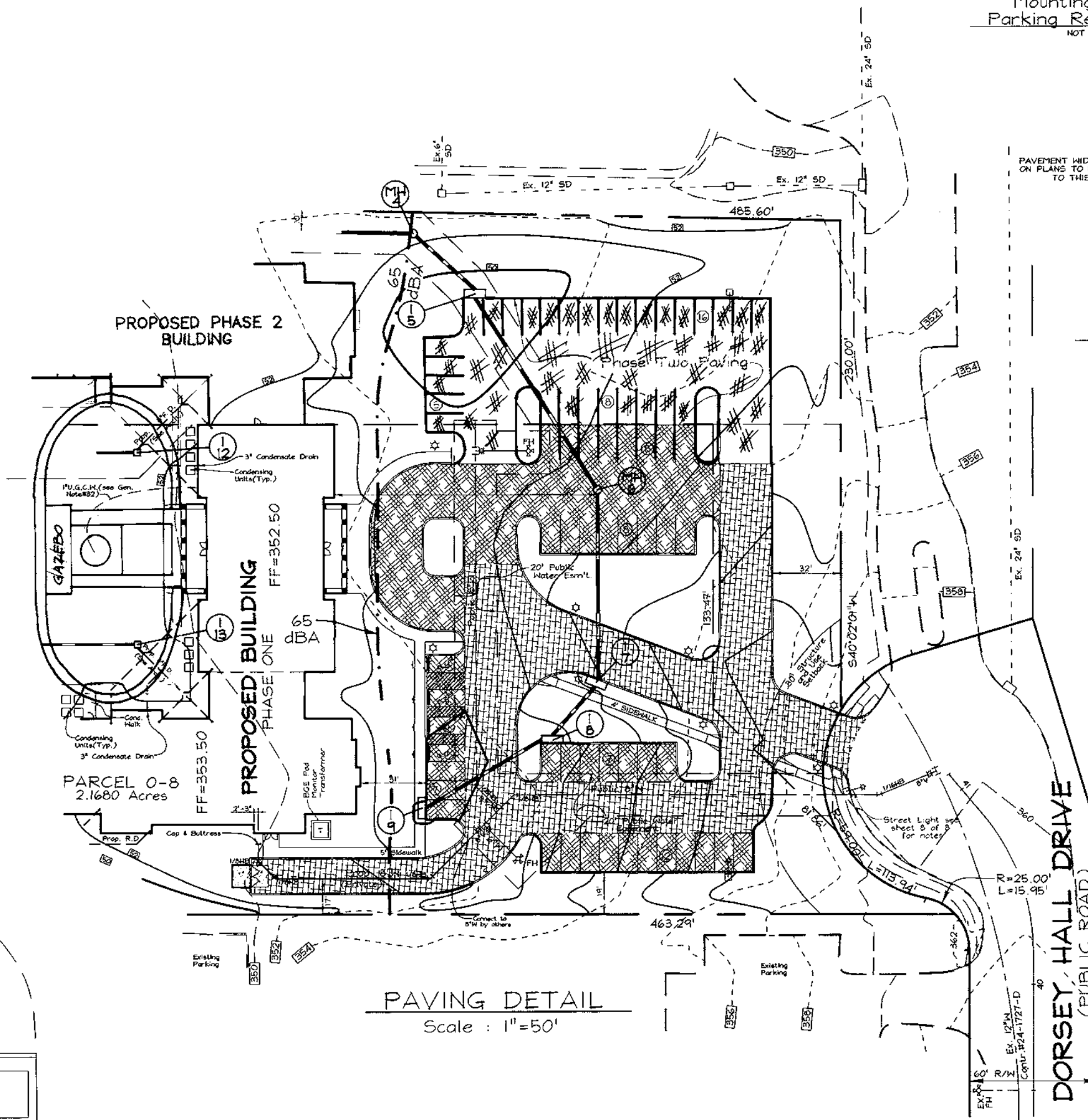


WATER PROFILES
SCALE: HORIZONTAL - 1"=50'
VERTICAL - 1"=5'

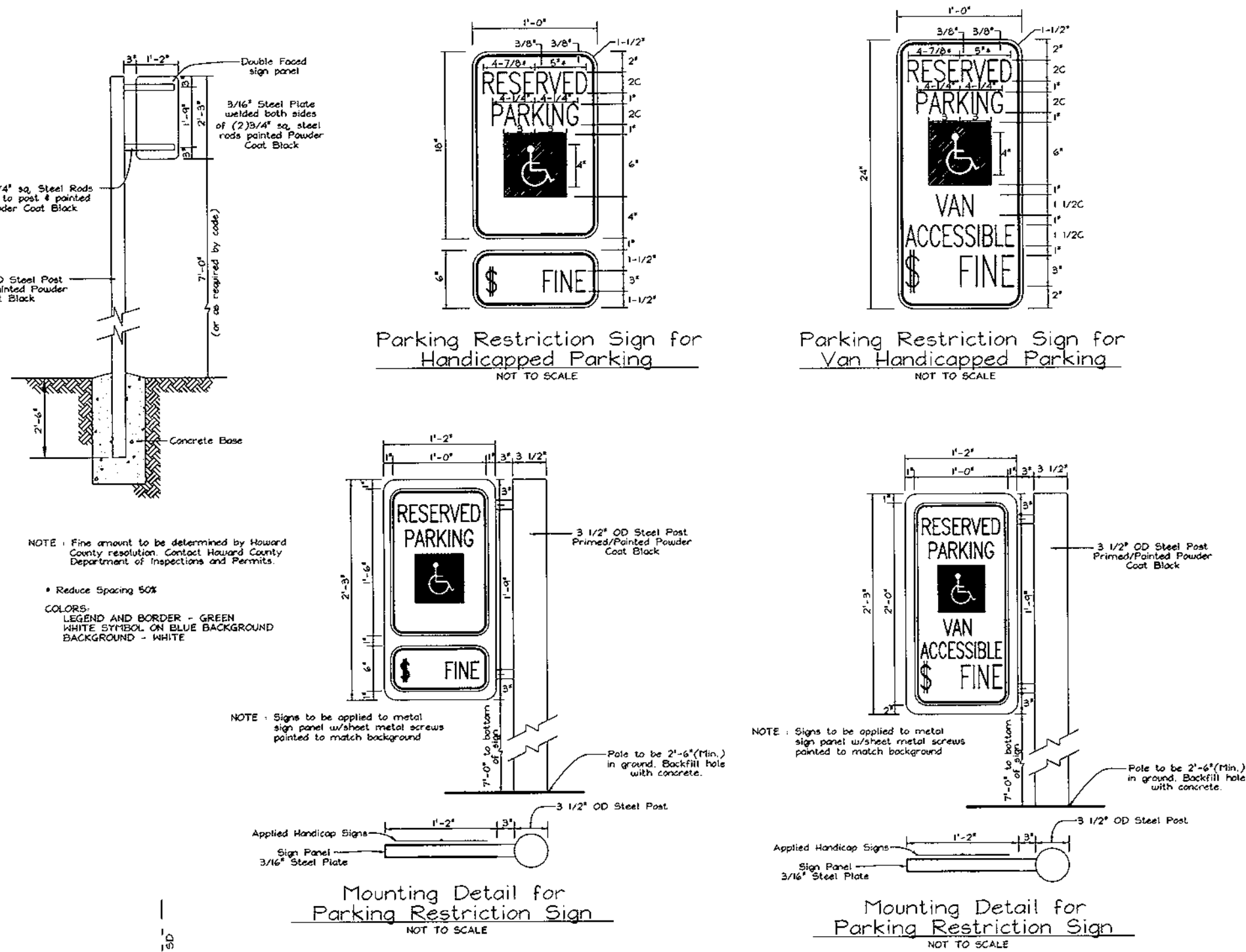


SOLID WASTE SERVICE PAD
HOWARD COUNTY STD. R 11.01
NOT TO SCALE
FOR DUMPSTER ENCLOSURE DETAIL SEE ARCHITECTURAL PLANS

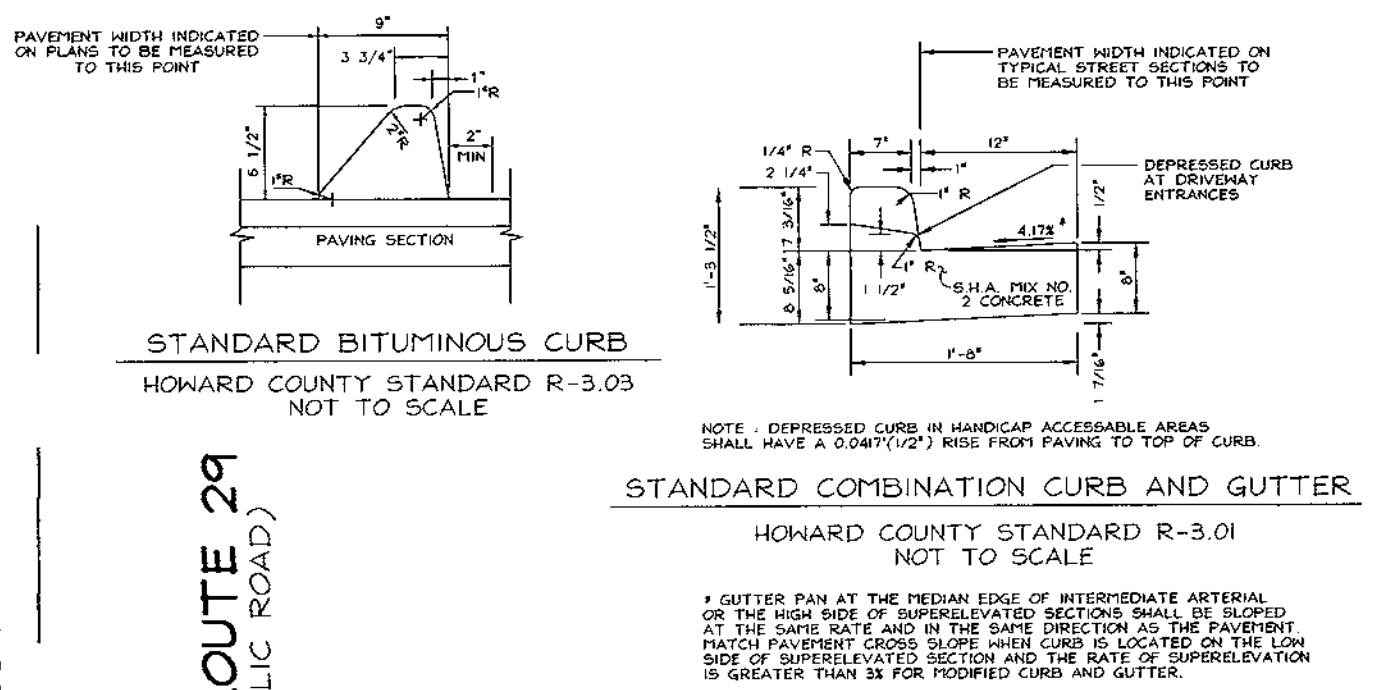
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] 10/1/99
 DIRECTOR DATE
 [Signature] 9/29/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
 [Signature] 9/21/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE



PAVING DETAIL
Scale: 1"=50'

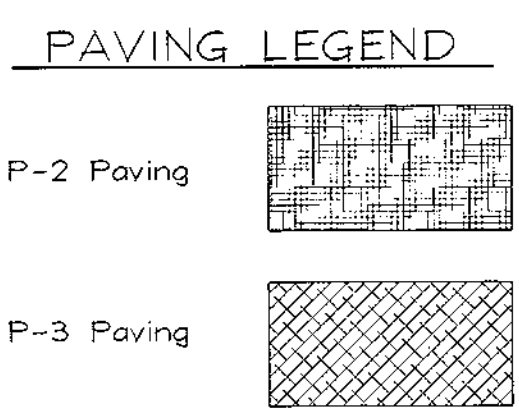


HANDICAP PARKING SIGNS
NOT TO SCALE



STANDARD BITUMINOUS CURB
HOWARD COUNTY STANDARD R-3.03
NOT TO SCALE

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



PAVING LEGEND

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

WATER AND SEWER PROFILES AND MISCELLANEOUS DETAILS
SELBORNE HOUSE OF DORSEY HALL
 PHASE ONE + TWO
 DORSEY HALL
 TAX MAP #30 PARCELS 0-8 & 0-9
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

VOGEL & ASSOCIATES
 ENGINEERS-SURVEYORS-PLANNERS
 3681 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
 Tel 410.461.5828 Fax 410.465.3966



DESIGN BY: GAH
 DRAWN BY: PS
 CHECKED BY: GAH
 DATE: Aug. 31, 1999
 SCALE: As Shown
 W.O. NO.: 98-126

| NO. | REVISION | DATE |
|-----|----------------------------|---------|
| 2 | ADD GAZEBO & FOUNTAIN | 11/6/01 |
| 1 | ADD PHASE 2 BLDG & PARKING | 5-29-01 |
| | REVISION | |

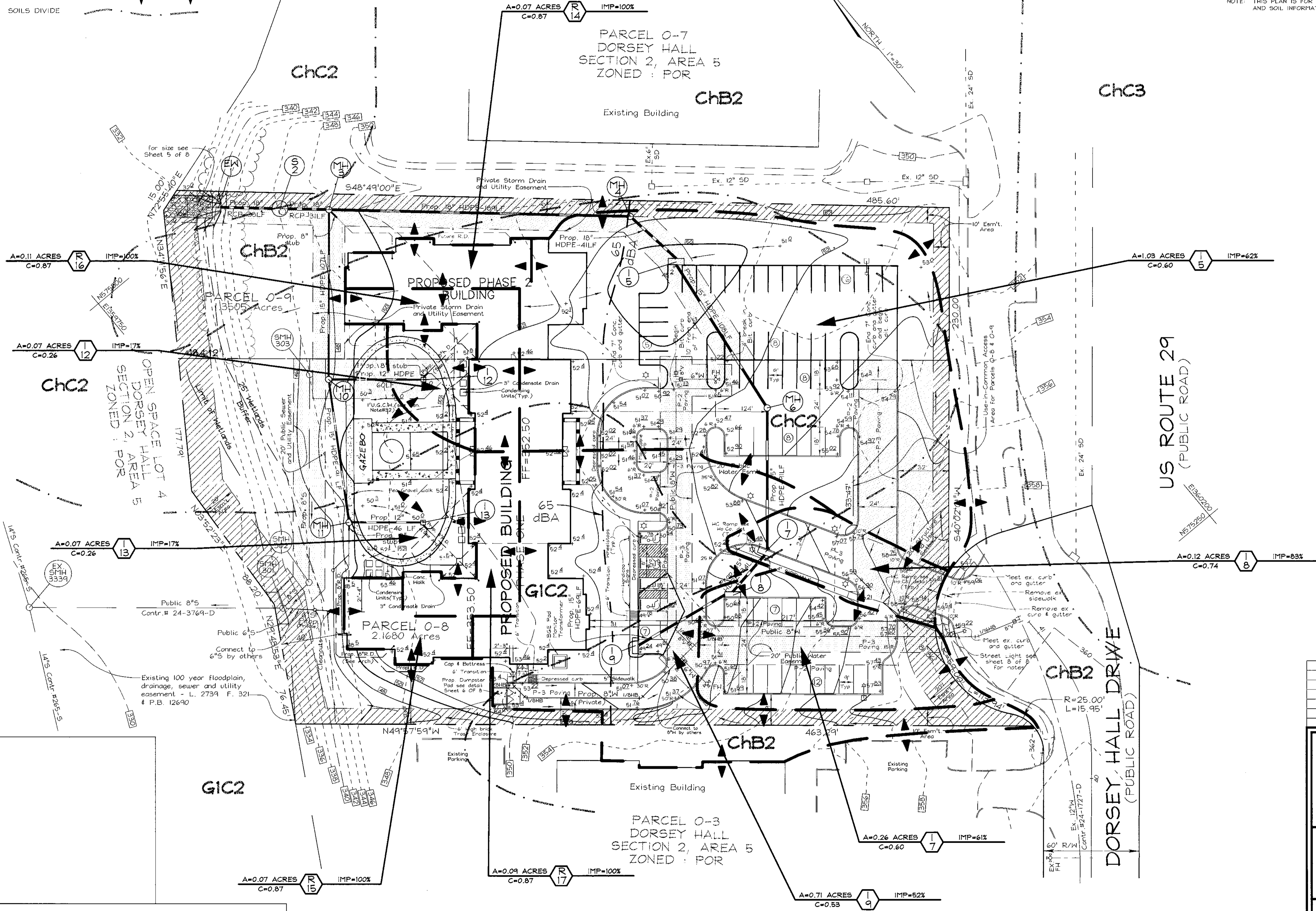
LEGEND

| | | |
|--------------------------|-----|-------|
| EXISTING CONTOUR | --- | 382 |
| PROPOSED CONTOUR | --- | 87 |
| SPOT ELEVATION | + | 82.53 |
| DIRECTION OF FLOW | → | |
| PROPOSED DRAINAGE DIVIDE | ↑ | |
| SOILS DIVIDE | --- | |

SOILS LEGEND

| SYMBOL | NAME / DESCRIPTION | SOIL GROUP |
|--------|--|------------|
| ChB2 | CHESTER SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED | B |
| ChC2 | CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED | B |
| ChC3 | CHESTER SILT LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED | B |
| GIC2 | GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED | B |

NOTE: THIS PLAN IS FOR DRAINAGE AREA AND SOIL INFORMATION PURPOSES ONLY.



| | | |
|-----|----------------------------|---------|
| NO. | REVISION | DATE |
| 2 | ADD GAZEBO & FOUNTAIN | 11/6/01 |
| 1 | ADD PHASE 2 BLDG & PARKING | 5-29-01 |

DRAINAGE AREA MAP FOR STORM DRAINAGE SELBORNE HOUSE OF DORSEY HALL
 PHASE ONE - TWO
 DORSEY HALL
 TAX MAP #30 PARCELS 0-8 & 0-9
 2ND ELECTION DISTRICT 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

| | | |
|------------------|---------------------|--------------|
| | DESIGN BY: GAH | 7 SHEET OF 8 |
| | DRAWN BY: PS | |
| | CHECKED BY: GAH | |
| | DATE: Aug. 31, 1999 | |
| | SCALE: 1"=30' | |
| W.C. NO.: 98-126 | | |

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James S. Smith 10/1/99
 DIRECTOR DATE

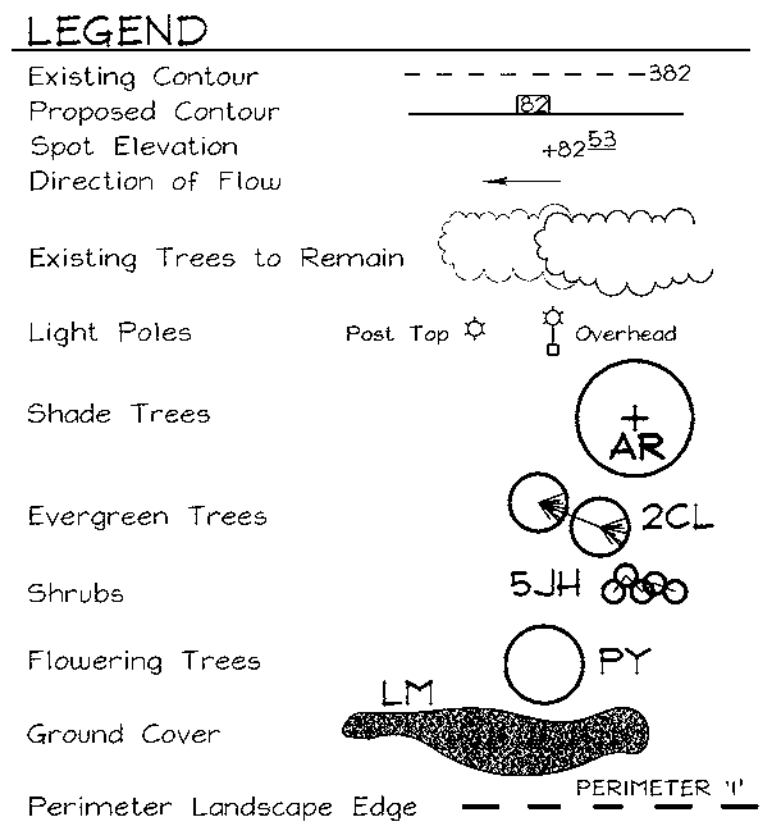
Cecilia Hamitta 9/29/99
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Cheryl D. Williams 9/2/99
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

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

| SCHEDULE B PARKING LOT INTERNAL LANDSCAPING | | |
|--|-----------|-----------|
| | PHASE ONE | PHASE TWO |
| NUMBER OF PARKING SPACES | 42 | 29 |
| NUMBER OF TREES REQUIRED | 2 | 2 |
| NUMBER OF TREES PROVIDED | | |
| SHADE TREES | 16 | 6 |
| OTHER TREES(2:1 SUBSTITUTION) | 14 | - |

- NOTES**
- FRONT ENTRY WALK TO BE SCORED CONCRETE 1"-4" EACH WAY W/BRICK BORDERS AND EDGES UNDER COLUMNS AT PORCHES
 - TRELLIS, FOUNTAIN, PATIO AND PEA GRAVEL WALK TO BE CONSTRUCTED UNDER PHASE 2
 - SEE SHEET 6 OF 8 FOR PLANTING DETAILS
 - FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING MUST BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN THE AMOUNT OF \$3,180.00 FOR 8 SHADE TREES AND 26 SHRUBS SURETY FOR PHASE 2 OF \$600 FOR 2 SHADE TREES TO BE POSTED WITH GRADING PERMIT APPLICATION
 - ONE 250 WATT HPS CUTOFF, 30' BRONZE FIBERGLASS LIGHT POLE WITH 12' ARM
 - PROPOSED TREES MUST BE SPACED A MINIMUM OF 20' FROM PROPOSED STREET LIGHTS, WITHIN THE PUBLIC RIGHT-OF-WAY.



**SCHEDULE A
PERIMETER LANDSCAPE EDGE**

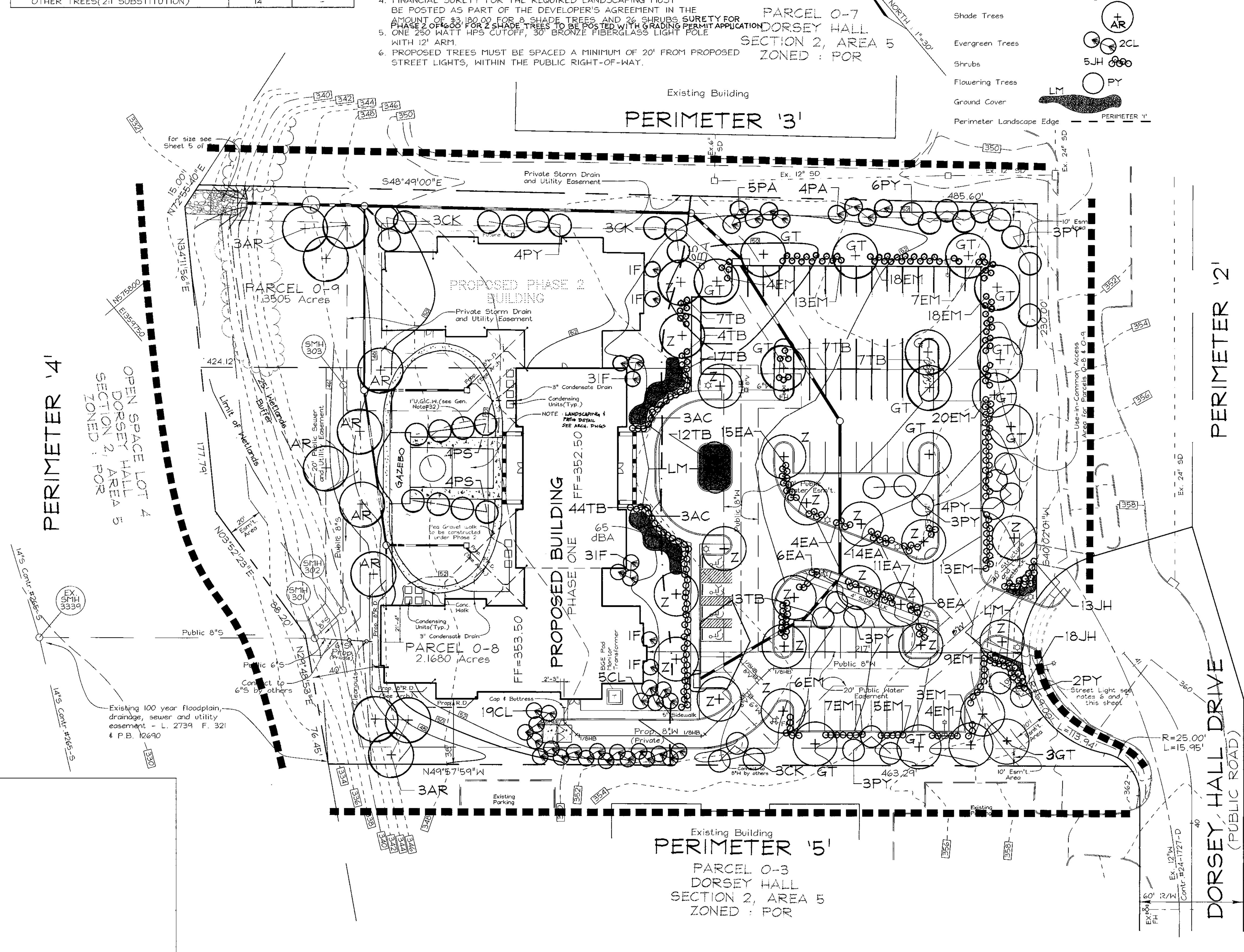
| CATEGORY | ADJACENT TO ROADWAYS | | | | ADJACENT TO PERIMETER PROPERTIES | | | | |
|--|----------------------|-----|------|-----|----------------------------------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PERIMETER/FRONTAGE DESIGNATION | E | A | A | A | A | A | A | A | A |
| LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER | 70 | 230 | 486 | 335 | 463 | | | | |
| CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED) | NO | NO | NO | NO | NO | | | | |
| CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED) | NO | NO | NO | NO | NO | | | | |
| NUMBER OF PLANTS REQUIRED | | | | | | | | | |
| SHADE TREES | 1.40 | 2 | 1.60 | 4 | 0* | 0* | 0* | 0* | 0* |
| EVERGREEN TREES | - | - | - | - | - | - | - | - | - |
| SHRUBS | 1.4 | 18 | - | - | - | - | - | - | - |
| NUMBER OF PLANTS PROVIDED | | | | | | | | | |
| SHADE TREES | 3 | - | 4 | 2 | - | 5 | - | 6 | 2 |
| EVERGREEN TREES | - | - | - | - | - | - | - | - | 19 |
| OTHER TREES(2:1 SUBSTITUTION) | 2 | - | 4 | 3 | - | 16 | - | - | 6 |
| SHRUBS(10:1 SUBSTITUTION) | 30 | - | 46 | 25 | - | - | - | - | - |

*LANDSCAPING IS NOT REQUIRED BECAUSE ADJOINING PROPERTIES ARE WITHIN THE SAME SUBDIVISION

LANDSCAPE SCHEDULE

| KEY | QUANTITY | | BOTANICAL NAME | SIZE | COM. |
|-----|----------|-------|---|------------------|-------|
| | PH. 1 | PH. 2 | | | |
| AR | 0 | 11 | Acer Rubrum 'October Glory' October Glory Red Maple | 2 1/2"-3" Cal. | B & B |
| Z | 17 | 2 | Zelkova Serrata 'Green Vase' Green Vase Zelkova | 2 1/2"-3" Cal. | B & B |
| GT | 9 | 8 | Gleditsia Triacanthos Inermis 'Skyline' Thornless Honey Locust Skyline | 2-2 1/2" Cal. | B & B |
| PY | 15 | 13 | Prunus Yedoensis Yoshino Cherry | 1 1/2"-2" Cal. | B & B |
| CK | 3 | 6 | Cornus Kousa Kousa Dogwood | 8' - 10' Ht. | B & B |
| M | 2 | 0 | Magnolia Stellata Star Magnolia | 6' - 8' Ht. | B & B |
| PS | 0 | 8 | Prunus Serrulata 'Kwanzan' Kwanzan Cherry | 1 1/2" - 2" Cal. | B & B |
| AC | 6 | 0 | Amelanchier Canadensis Paperbark Maple | 1 1/2"-2" Cal. | B & B |
| CL | 24 | 0 | Cupressosypris Leylandi Leyland Cypress | 6' - 8' Ht. | B & B |
| PA | 0 | 9 | Picea Abies Norway Spruce | 6' - 8' Ht. | B & B |
| IF | 5 | 5 | Ilex attenuata 'Fosterii' Foster Holly | 1 1/2"-2" Cal. | B & B |
| EM | 67 | 60 | Euonymus kiautschovicus 'Manhattan' Manhattan Euonymus | 2 1/2' - 3' Ht. | - |
| EA | 58 | 0 | Euonymus Alatus 'Compacta' Dwarf Winged Euonymus | 2' - 2 1/2' Ht. | - |
| TB | 86 | 25 | Toxus Baccata 'Repandens' Spreading English Yew | 18" - 24" Sp. | - |
| JH | 31 | 0 | Juniperus horizontalis 'Plumosa' Ardor Juniper | 18" - 24" Sp. | - |
| LM | 687 | 0 | Liriope | 18" - 24" Sp. | - |

NOTE: THIS PLAN IS FOR THE PURPOSE OF LANDSCAPING AND SITE LIGHTING ONLY.



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 10/1/99
DATE

[Signature] 7/29/99
DATE

[Signature] 9/21/99
DATE

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.

[Signature] 8/31/99
SIGNATURE OF DEVELOPER DATE

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

| | | | | | | | | | | | |
|---|----------------------------|--|---|-----------------------|---------|---|----------------------------|---------|----|----------|------|
| <p>LANDSCAPE PLAN SELBORNE HOUSE OF DORSEY HALL PHASE ONE+TWO DORSEY HALL TAX MAP #30 PARCELS O-8 & O-9 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p> | | | | | | | | | | | |
| <p>VOGEL & ASSOCIATES ENGINEERS/SURVEYORS/PLANNERS 3891 Park Avenue, Suite 101 • Ellicott City, Maryland 21043 Tel 410.461.5828 Fax 410.465.3986</p> | | | | | | | | | | | |
| <p>DESIGN BY: GAH DRAWN BY: PS CHECKED BY: GAH DATE: Aug. 31, 1999 SCALE: 1"=30' W.O. NO.: 98-126</p> | <p>8 SHEET OF 8</p> | <p>REVISIONS</p> <table border="1"> <tr> <td>2</td> <td>ADD GAZEBO & FOUNTAIN</td> <td>11/6/01</td> </tr> <tr> <td>1</td> <td>ADD PHASE 2 BLDG & PARKING</td> <td>5-29-01</td> </tr> <tr> <td>NO</td> <td>REVISION</td> <td>DATE</td> </tr> </table> | 2 | ADD GAZEBO & FOUNTAIN | 11/6/01 | 1 | ADD PHASE 2 BLDG & PARKING | 5-29-01 | NO | REVISION | DATE |
| 2 | ADD GAZEBO & FOUNTAIN | 11/6/01 | | | | | | | | | |
| 1 | ADD PHASE 2 BLDG & PARKING | 5-29-01 | | | | | | | | | |
| NO | REVISION | DATE | | | | | | | | | |