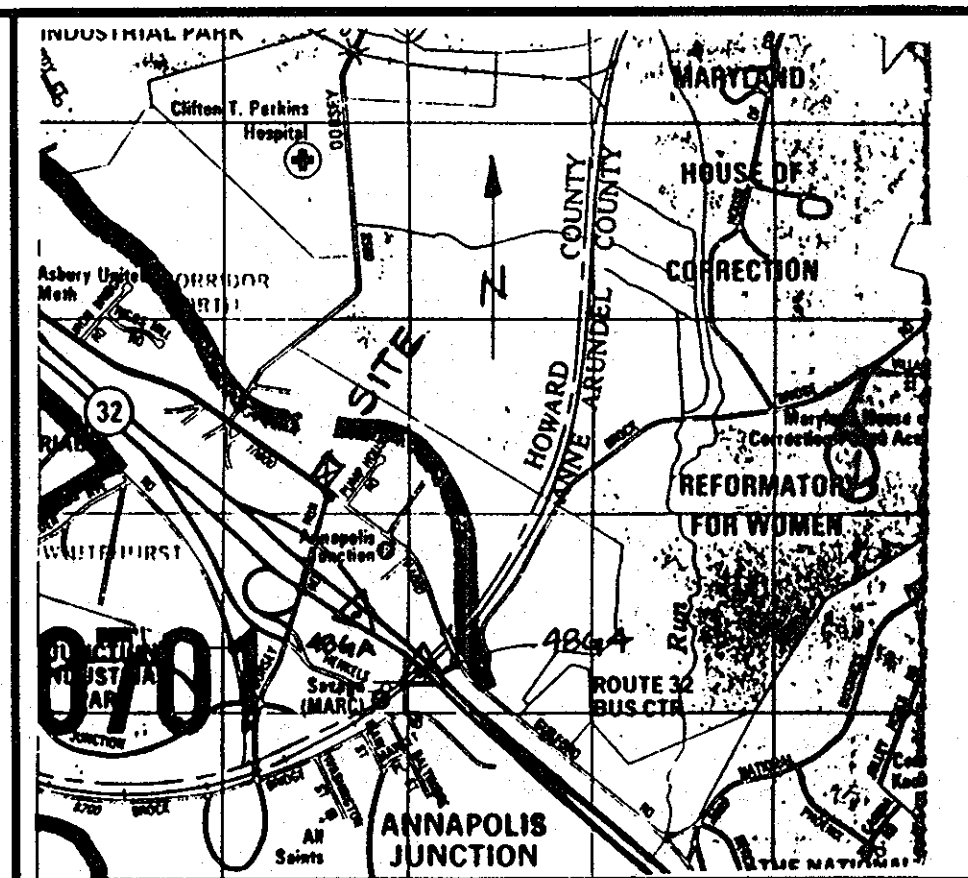
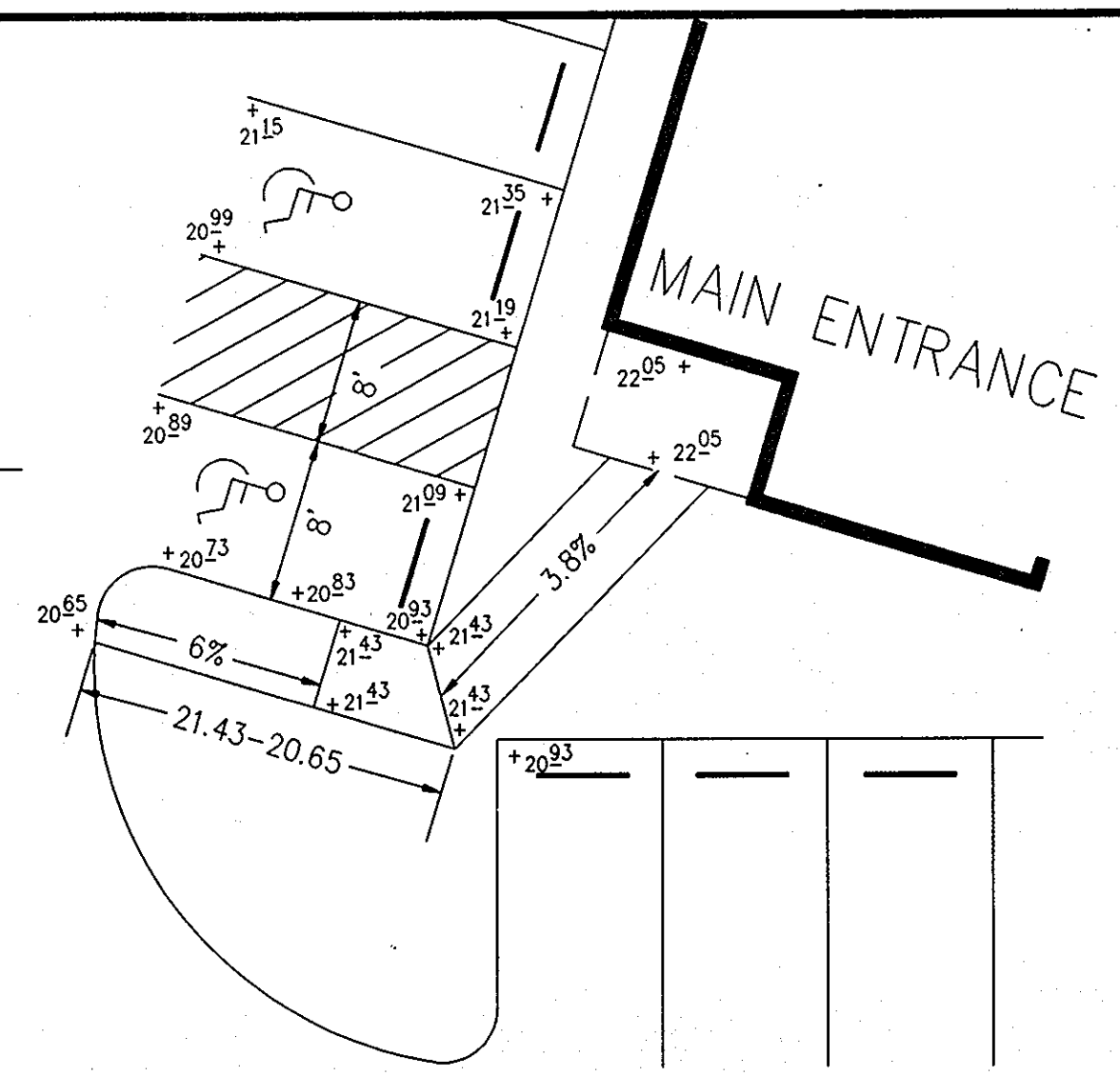
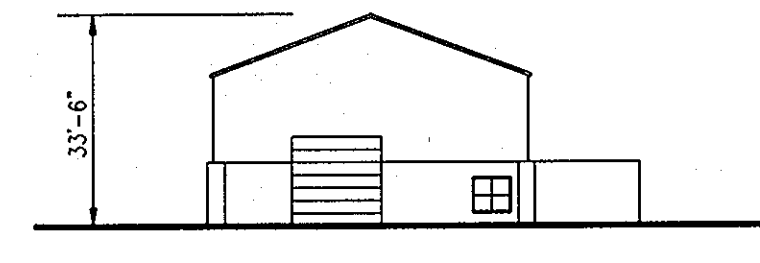
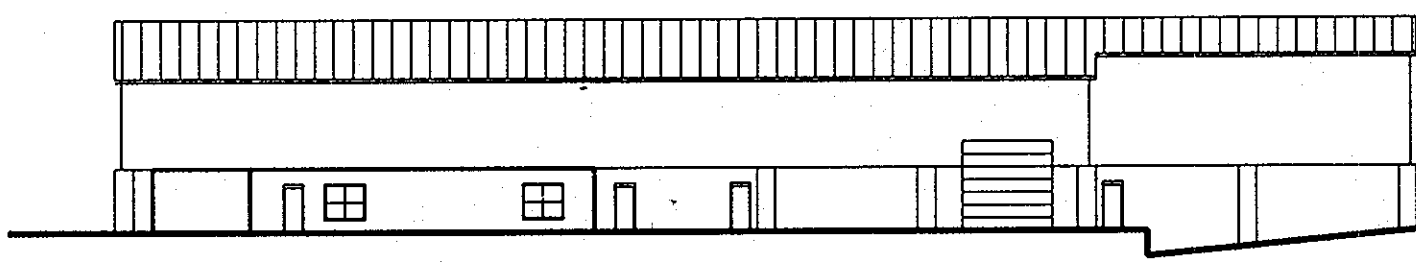


**SHEET INDEX**

- SHT. NO.1 SITE DEVELOPMENT PLAN
- SHT. NO.2 STORM DRAIN PROFILES & DRAINAGE AREA MAP
- SHT. NO.3 LANDSCAPE PLAN & DETAILS
- SHT. NO.4 GRADING & SEDIMENT CONTROL PLAN



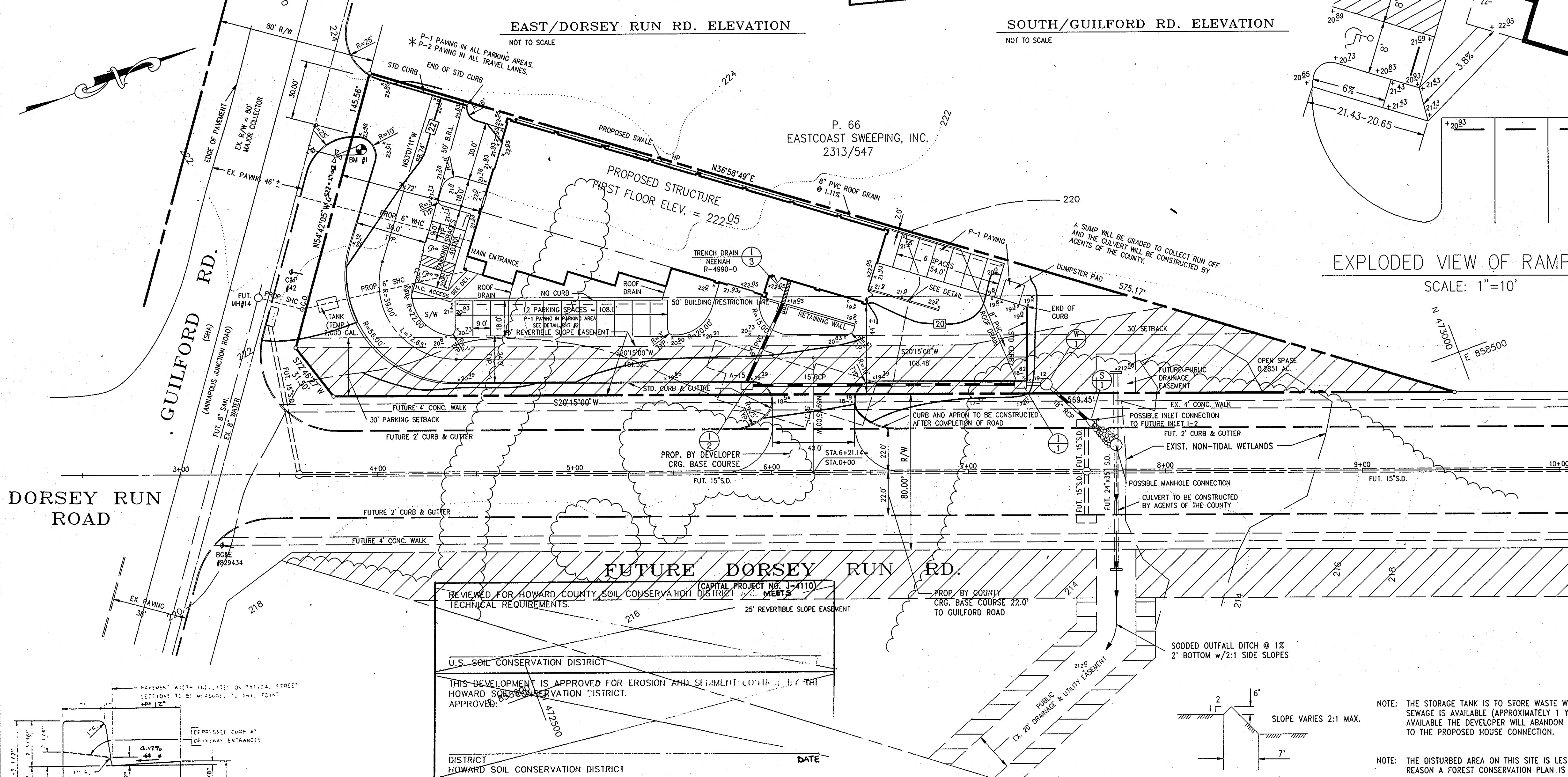
VICINITY MAP  
SCALE: 1" = 2000'

**SITE ANALYSIS**

- AREA OF PARCEL: 1.1240 ACRES or 48,962.01 SQ.FT.
- PRESENT ZONING: M-2 / BOARD OF APPEALS CASE NO.: BA95-24V
- PROPOSED USE OF STRUCTURE: MANUFACTURING
- FLOOR SPACE: 12,000 SQ.FT.
- TOTAL NUMBER OF UNITS ALLOWED: 1
- TOTAL NUMBER OF UNITS PROVIDED: 1
- MAXIMUM NUMBER OF EMPLOYEES ON SITE: 12 (SECT. 133 D.S.C.)
- NUMBER OF PARKING SPACES REQUIRED: 12
- NUMBER OF PARKING SPACES PROVIDED: 23
- OPEN SPACE ON SITE: 0.2851 ACRES or 12,421.2 SQ.FT.
- AREA OF RECREATION OPEN SPACE REQUIRED BY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND PROVIDED: N/A
- BUILDING COVERAGE OF SITE: 12,000 SQ.FT. = 25% OF GROSS AREA

**GENERAL NOTES**

- THERE IS NO FLOODPLAIN ON THIS SITE. THERE ARE NO WETLANDS ON THIS SITE.
- NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY HOWARD COUNTY DATED 1994.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS NO. 4864 AND 4864A WERE USED FOR THIS PROJECT.
- CONSTRUCTION TO BE COORDINATED WITH CAP. PROJ. J-1410.
- STORMWATER MANAGEMENT FOR THIS PROJECT IS PROVIDED BY THE PROPOSED STORM POND # 1, CAP. PROJ. J-1410. A FEE IN LIEU TO BE PAID BY THE DEVELOPER, AND APPROVED BY DPZ ON SEPTEMBER 18, 1995.
- PUBLIC WATER WILL BE PROVIDED BY THE EXISTING MAIN IN GUILFORD ROAD.
- 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 THE START OF WORK.
- EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY, 1-800-257-7777, A MINIMUM OF (3) DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD CO. PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- SEWAGE WILL BE STORED IN A TEMPORARY TANK (1,000 GAL.) UNTIL SUCH TIME AS CAPITAL PROJECT 5-24-94 IN SERVICE.
- A VARIANCE OF SEC. 123.0.2.(c)(1) ALLOWING FOR VARIOUS BRL ENCROACHMENTS WAS GRANTED BY BA 95-24 V.
- THE PROPERTY IS RECORDED IN THE PLAT RECORDS OF HOWARD COUNTY MARYLAND AS PLAT NO. 1837.
- TYPICAL BUILDING DIMENSIONS AND SCHEMATIC PROFILES ARE SHOWN ON THIS SHEET.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.



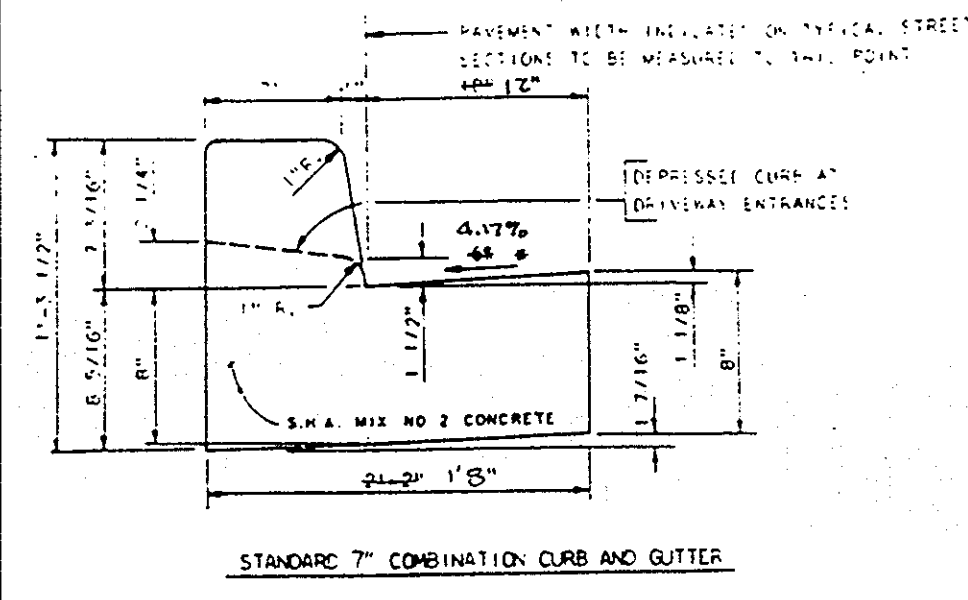
REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT

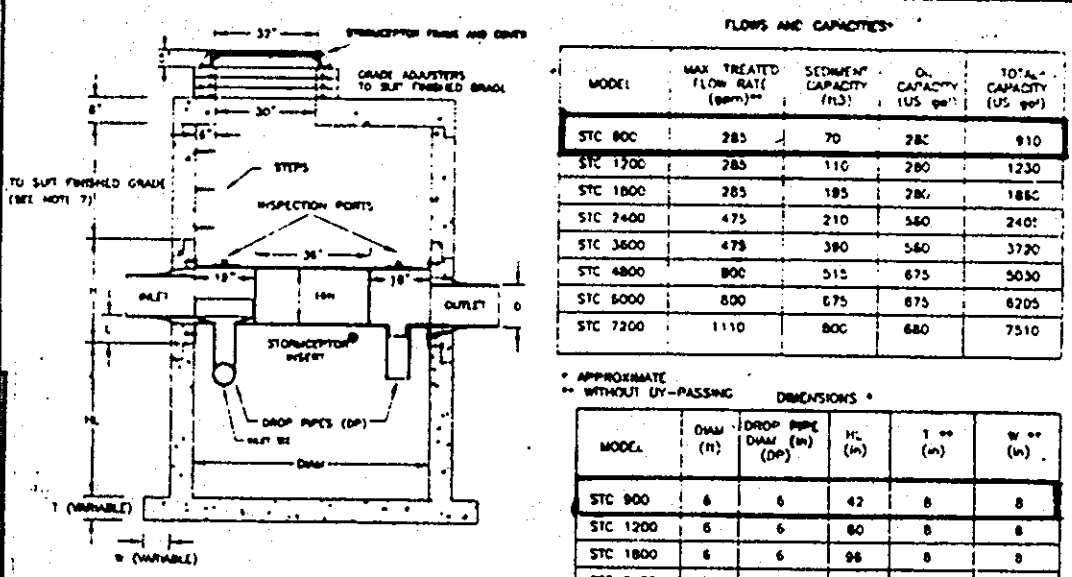
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

DISTRICT HOWARD SOIL CONSERVATION DISTRICT

DATE



SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS	PAVEMENT BASE ALTERNATES
P-1	PARKING BAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH HEAVY TRUCKS TRAVELWAYS FOR APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS	1" BIT. CONC. SURFACE 4" BIT. CONC. BASE	1" BIT. CONC. SURFACE 2" BIT. CONC. BASE 4" GRADED AGGREGATE BASE (GAB)
P-2	RESIDENTIAL ZONES LOCAL, CUL-DE-SAC STS., ALLEYS AND PRIVATE ROADS SERVING INDIVIDUAL TRAVELWAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 2 1/2" BIT. CONC. BASE 6" GRADED AGGREGATE BASE (GAB)
P-3	RESIDENTIAL ZONES MINOR AND MAJOR COLLECTORS COMMERCIAL-INDUSTRIAL ZONES LOCAL AND CUL-DE-SAC STREETS ALLEYS TRAVELWAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH MORE THAN 10 HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 2 1/2" BIT. CONC. BASE 6" GRADED AGGREGATE BASE (GAB)
P-4	COMMERCIAL-INDUSTRIAL ZONES MINOR COLLECTOR	1 1/2" BIT. CONC. SURFACE 3 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE 2 1/2" BIT. CONC. BASE 6" GRADED AGGREGATE BASE (GAB)



OPERATION AND MAINTENANCE SCHEDULE FOR STORMCEPTOR WATER QUALITY DEVICE

- Stormceptor water quality structures will require periodic inspection and cleaning to maintain operation and function. Owners will have the Stormceptor unit inspected yearly or as required by Howard County, utilizing the Stormceptor Inspection/Monitoring Form. Inspections can be done by using a clear Plexiglas tube ("studge judge") to extract a water column sample. When sediment depths exceed the specified level (Table 6 of Technical Manual) then cleaning of the unit is required.
- Stormceptor water quality structures must be checked and cleaned immediately after petroleum spills, contact appropriate regulatory agencies.
- Maintenance of Stormceptor units should be done by a vacuum truck which will remove the water, sediment, debris, floating hydrocarbons and other materials in unit. The proper cleaning and disposal of the removed materials and liquid must be followed.
- Inlet and outlet pipes must be checked for any obstructions and if any obstructions are found they must be removed. Structural parts of the Stormceptor will be repaired as needed.
- Owner shall retain and make Stormceptor Inspection/Monitoring Forms available to Howard County officials upon their request.

LOADING DOCK DETAIL

NOTE: THE STORAGE TANK IS TO STORE WASTE WATER UNTIL PUBLIC SEWAGE IS AVAILABLE (APPROXIMATELY 1 YEAR). WHEN SEWER IS AVAILABLE THE DEVELOPER WILL ABANDON THE TANK AND CONNECT TO THE PROPOSED HOUSE CONNECTION.

NOTE: THE DISTURBED AREA ON THIS SITE IS LESS THEN 1 ACRE. FOR THIS REASON A FOREST CONSERVATION PLAN IS NOT REQUIRED.

**ENGINEER'S CERTIFICATE**

I HEREBY CERTIFY THAT THE PLAN FOR EROSION AND SEDIMENT CONTROL, REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED UPON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*David H. Jones* 3/1/96  
DAVID C. REESER P.E. 4440 DATE

**DEVELOPER'S CERTIFICATE**

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION CONTROL AND THAT ALL NECESSARY PERMITS AND APPROVALS HAVE BEEN OBTAINED FOR THE PROJECT AND THAT I WILL MAINTAIN A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT AND PLANNING OFFICE THROUGHOUT THE CONSTRUCTION OF THE PROJECT AND BEFORE THE PROJECT IS OCCUPIED. I ALSO AUTHORIZE PERSONS DESIGNATED AS SUCH IN WRITING TO OBTAIN INFORMATION FROM THE DEPARTMENT OF ENVIRONMENT AND PLANNING OFFICE.

*John J. Caputo* 3/1/96  
DATE

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

*James M. Boydland per sign* 3/1/96  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
CHIEF DEVELOPMENT ENGINEER  
*Chris Sturman* 3/1/96  
CHIEF DIVISION AND LAND DEVELOPMENT RESEARCH DATE

*James S. Butler* 3/1/96  
DIRECTOR DATE

NO.	DATE	DESCRIPTION	BY

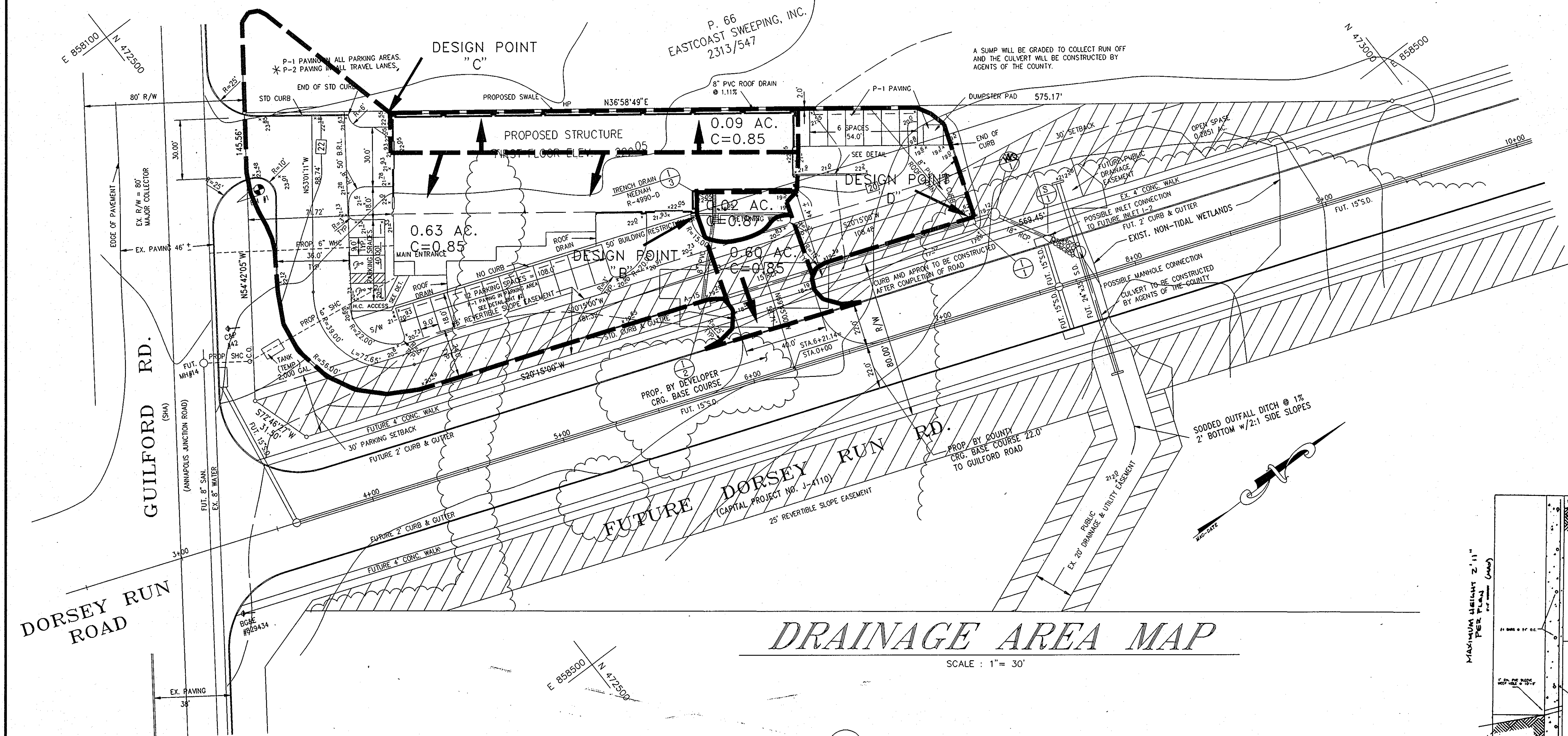
**MARBLE SOURCE UNLIMITED**  
**SITE DEVELOPMENT PLAN**  
SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER LOIS PRESTON & CAROLINE RODEN % E. ALEXANDER ADAMS. ESQ. 5042 DORSEY HALL DR. ELLCOTT CITY, MD. 21042	DEVELOPER MR. JOHN CONJEDO MARBLE SOURCE UNLIMITED 10810 GUILFORD ROAD, SUITE 107 ANNAPOLIS JUNCTION, MARYLAND. 20707 PHONE NO. 880-3006	PREPARED BY AMERICAN ENGINEERING, INC. CIVIL ENGINEERING CONSULTANTS AND LAND PLANNER 671-A MAIN STREET LAUREL, MD. 20707	BALT. (410) 880-3039 WASH. (301) 953-1225	DES.: DCW JOB: 92105 DRW.: W.D.F. FILE: MARBSDP1 CHK.: D.C.W. SCALE: AS SHOWN	DATE: 3-26-95 SHEET 1 OF 4
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**ADDRESS CHART**

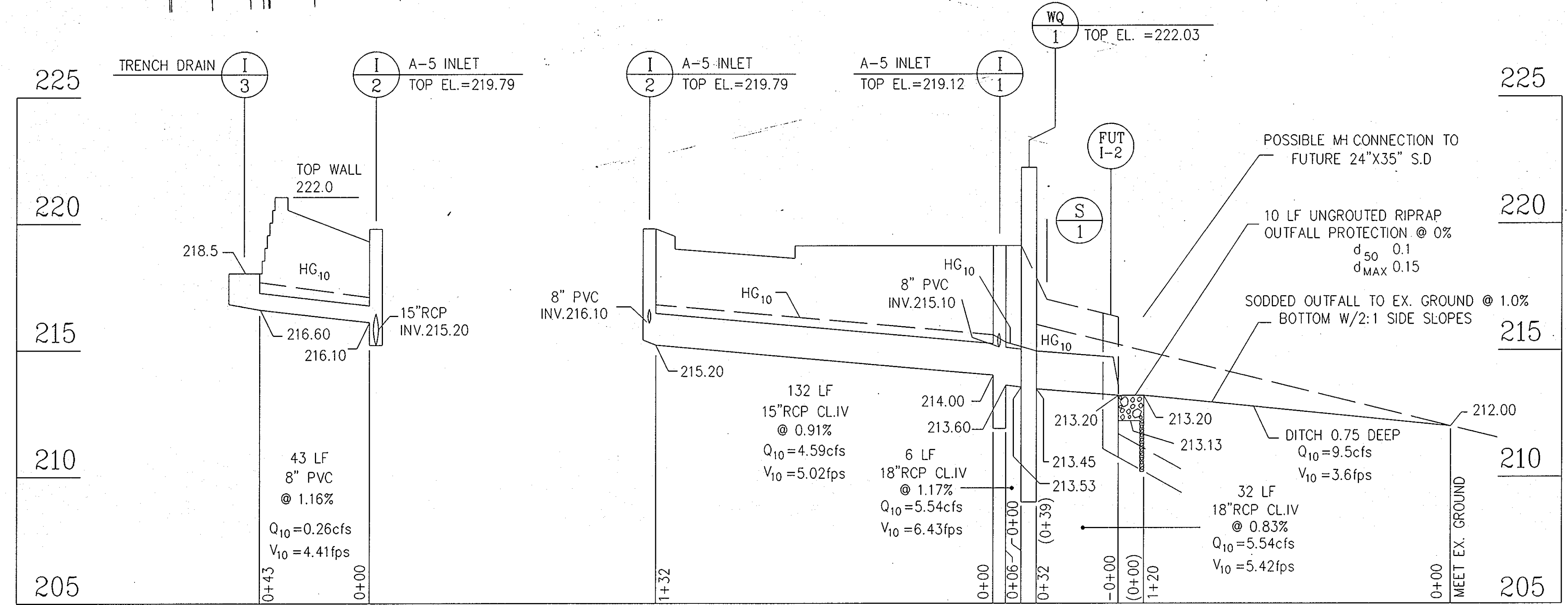
UNIT NUMBER	STREET ADDRESS
1	10907 GUILFORD ROAD

SDP-96-27



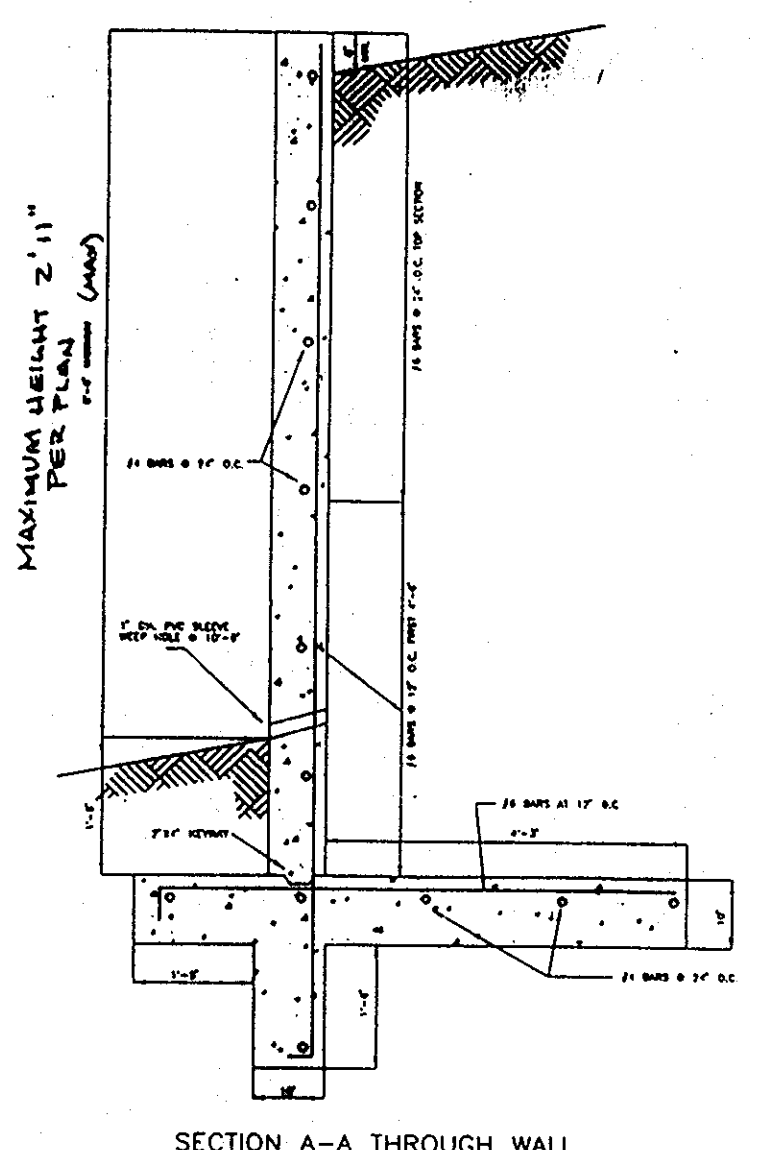
## DRAINAGE AREA MAP

SCALE: 1" = 30'



## Profile

SCALE: HOR. 1" = 30'  
VERT. 1" = 3'



- GENERAL NOTES:**
- ALL CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF ACI 308 AND 318, LATEST EDITION.
  - REINFORCING STEEL SHALL CONFORM TO ASTM A615 OR A618, LATEST EDITION.
  - ALL CONCRETE TO EXHIBIT 3000 PSI COMP. STRENGTH AT 28 DAYS.
  - WALL HEIGHT NOT EXCEED FOUR FEET.

### Concrete Stormceptor® Order Request Form

**Contractor Information**

Name: **PIONEER BUILDING, INC.**  
Address: **5120 TROLLCH LANE**  
City: **TUYEBO, MD.**  
State: **MD.**  
Zip Code: **20781**  
Contact: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_

**Owner Information**

Name: **JOHN CONJEDO**  
Phone: **470 7207**

**Stormceptor Model**

900	<input checked="" type="checkbox"/>	3600	<input type="checkbox"/>
1200	<input type="checkbox"/>	4800	<input type="checkbox"/>
1800	<input type="checkbox"/>	6000	<input type="checkbox"/>
2400	<input type="checkbox"/>	7200	<input type="checkbox"/>

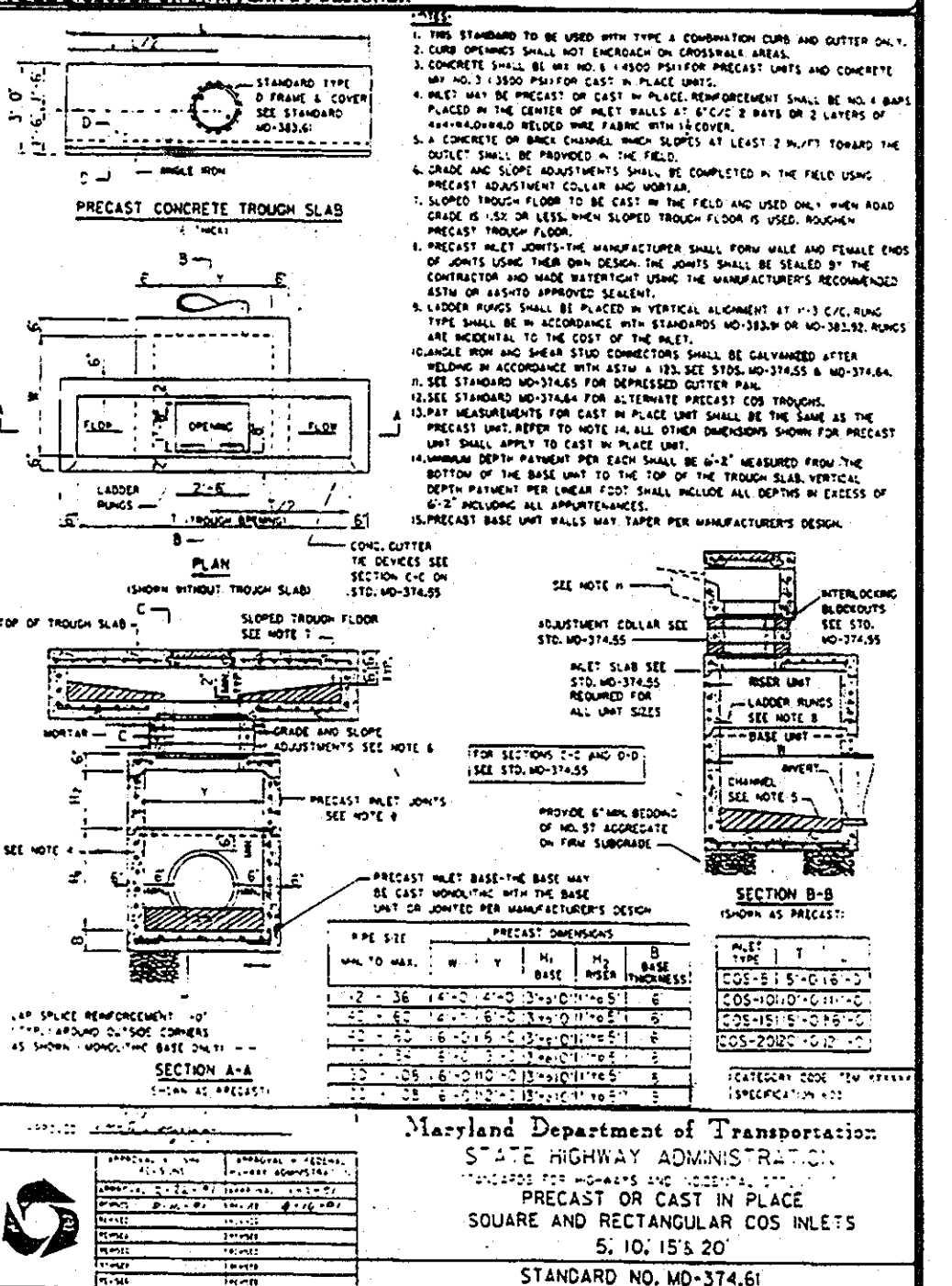
**Insert Size**

22"   
32"   
44"   
Custom

**Manhole Number** **WQ-11**  
Top Elevation (ft) **222.03**  
Inlet Pipe Invert (ft) **219.79**  
Outlet Pipe Invert (ft) **215.10**  
Pipe Type: **10" RCP**  
Pipe Inside Diameter (in) [ID] **10"**  
Pipe Outside Diameter (in) [OD] **12"**

**Project Name** **MARBLE SOURCE**  
Approximate time frame until required delivery (weeks) **10 WEEKS**  
Delivery Address: Street **GULFORD ROAD**  
City **ANNAPOLIS SEANTINE, MD** Zip Code **20707**  
Designer Company **AMERICAN ENGINEERING, INC.**  
Designer Contact **DAVE BRINZER** Phone **8883033** Fax **9530166**

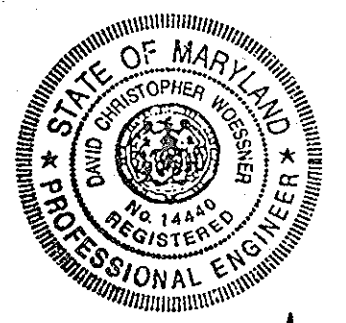
Please fax this sheet back to Hydro Conduit/Virginia Precast at (804) 798-3426  
Attn: Dave Brinzer / Ed O'Malley (Phone: 1-800-999-2278)  
For credit information/applications contact Carole Broadus at (804) 798-6068  
For Technical Assistance Please Call Stormceptor Corporation at (301) 762-8361 or toll free at (800) 762-4703



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

*James M. Boyd* *and* *per sgr* 3/1/96  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
DEVELOPMENT ENGINEERING DIVISION  
*Chris Lawrence* 3/6/96  
DATE  
CHECK DIVISION AND LAND DEVELOPMENT RESEARCH  
*David Smith* 3/4/96  
DATE



*David Smith*

## MARBLE SOURCE UNLIMITED

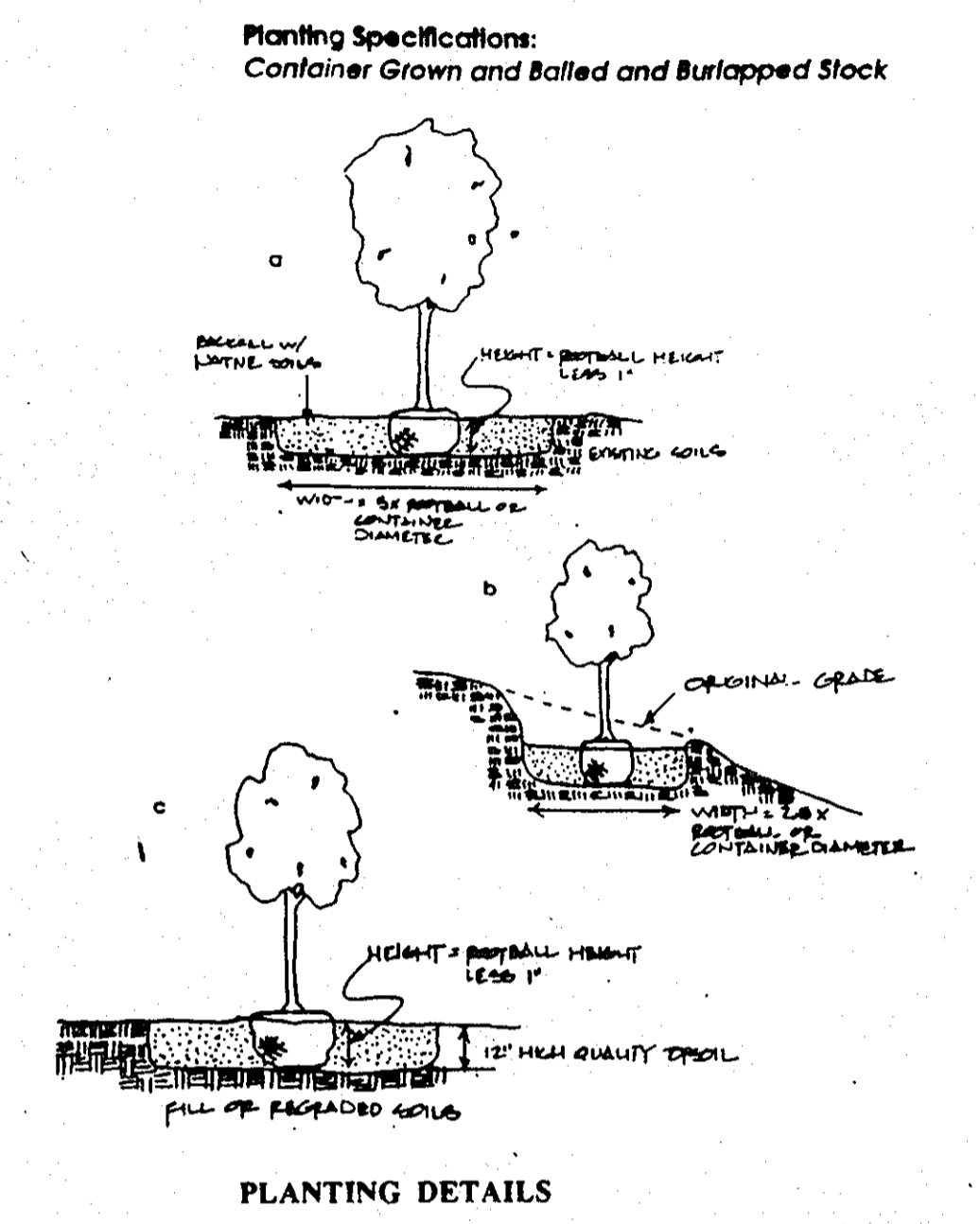
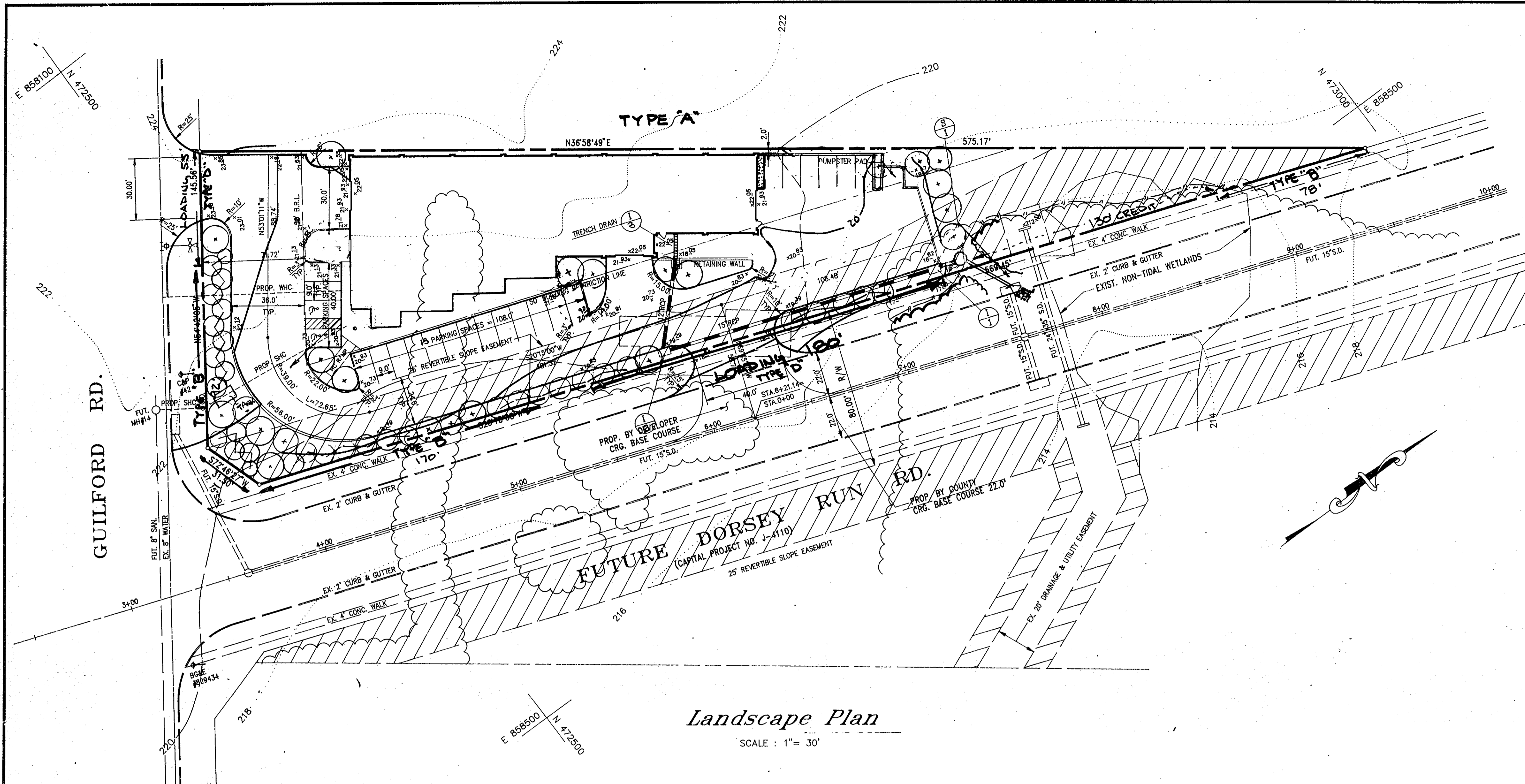
### STORM DRAIN PROFILES & DRAINAGE AREA MAP

SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER: LOIS PRESTON & CAROLINE RODEN % E. ALEXANDER ADAMS, ESQ. 5042 DORSEY HALL DR. ELLCOTT CITY, MD 21042	DEVELOPER: MR. JPHN CONJEDO MARBLE SOURCE UNLIMITED ANNAPOLIS JUNCTION, MARYLAND	PREPARED BY: AMERICAN ENGINEERING, INC. CIVIL ENGINEERING CONSULTANTS AND LAND PLANNER 671-A MAIN STREET LAUREL, MD 20707	DES.: DCW JOB: 92105 DRW.: W.D.F. FILE: MARSDP2 CHK.: D.C.W. SCALE: AS SHOWN	SUBDIVISION NAME MARBLE SOURCE UNLIMITED	SECT./AREA 1/1	LOT/PARCEL# 67	PLATA OR L/F 1576/596	BLOCK# M-2	TAX/ZONE MAP 48	ELEC. DIST. #6	CENSUS TR. 6069.01
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SHEET 2 OF 4

SDP-96-27



**Landscape Plan**  
SCALE: 1" = 30'

SYMBOL	TYPE	SPECIES	SIZE	QUANTITY
(Symbol)	WHITE PINE	PINUS STROBUS	6'-8' HT	34
(Symbol)	LONDON PLANETREE	PLATANUS ACCRIFOLIA	2 1/2 GAL	22

TABLE 2  
LANDSCAPED EDGES ADJACENT TO ROADWAYS

Land Use	Orientation of Structure to Roadway	Landscape Edge Type
Single Family Detached	Front Side/Rear	None B
Single Family Attached	Front Side/Rear	None C
Apartments	All Sides	B
Non-Residential	Front/Side Rear - If Loading	D
Parking	NA	E

TABLE 3  
LANDSCAPE EDGES ADJACENT TO PERIMETER PROPERTIES

Land Use	Adjacent Land Use	Landscape Type
Single Family Detached	All Uses	A
Single Family Attached	SFD SFA All Other Uses	C B A
Apartments	SFD SFA All Other Uses	C B A
Non-Residential	Residential All Other Uses	C A
Loading	Residential All Other Uses	D C

SCHEDULE A  
PERIMETER LANDSCAPE EDGE

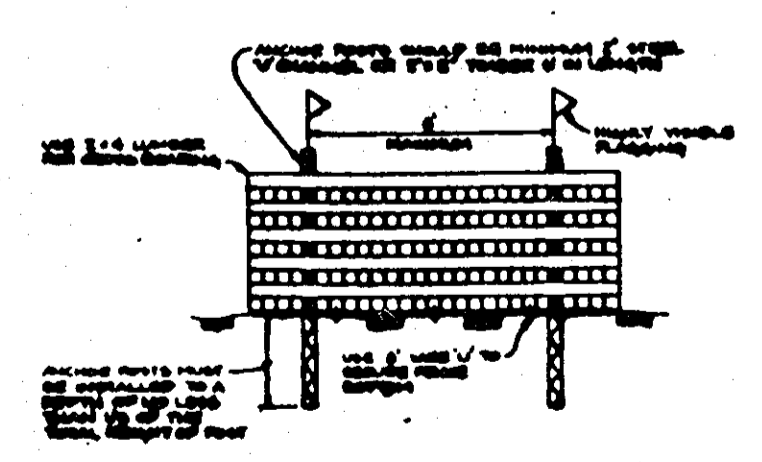
Category	Adjacent to Roadways	Adjacent to Perimeter Properties
Landscape Type	B D	A
Linear Feet of Roadway Frontage/Perimeter	511 235	575
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)	130' 0	-
Credit for Wall, Fence or Barn (Yes, No, Linear Feet) (Describe below if needed)	-	-
Number of Plants Required	8 4	110
Shade Trees	10	24
Evergreen Trees	1	1
Shrubs	1	1
Number of Plants Provided	110 4	110
Shade Trees	110	110
Evergreen Trees	4	4
Other Trees (2:1 substitution)	1	1
Shrubs (10:1 substitution)	1	1

SCHEDULE B  
PARKING LOT INTERNAL LANDSCAPING

Number of Parking Spaces	14
Number of Trees Required 1:20	1
Number of Trees Provided	1
Shade Trees	1
Other Trees (2:1 substitution)	-

TABLE 1  
PERIMETER LANDSCAPE TYPES - BASED ON ADJACENT LAND USE

Land Use Type	Light Buffer	Moderate Buffer	Heavy Buffer	Screen	Buffer - Parking Adjacent to Roadway
A	1:60	0	0	0	0
B	1:50	1:40	0	0	0
C	1:40	1:20	0	0	0
D	1:60	1:10	0	0	0
E	1:40	0	0	0	1:4



**TREE PROTECTION FENCE**

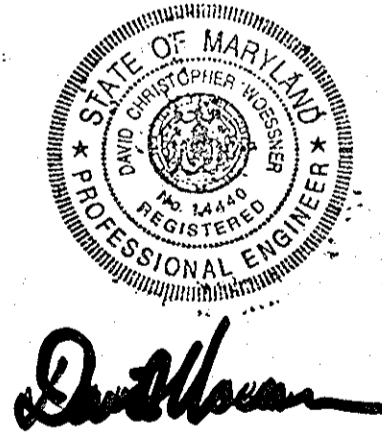
1. FENCE PROTECTION FENCE ONLY
2. PROTECTION AREA SHALL BE SET AS PART OF THE REVIEW PROCESS
3. FENCE TO BE MAINTAINED
4. FENCE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION
5. FENCE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION

ENGINEER'S CERTIFICATE  
I HEREBY CERTIFY THAT THIS PLAN FOR SEWERAGE AND DRAINAGE CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED UPON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT HAS BEEN MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY HEALTH DEPARTMENT.

*David M. ...*  
DAVID M. ...  
REGISTERED PROFESSIONAL ENGINEER

DEVELOPER'S CERTIFICATE  
I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THE PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENTATION APPROVED TRAINING PROGRAMS. I ALSO AUTHORIZE PERIODIC CHECKS AND INSPECTIONS BY THE HOWARD COUNTY HEALTH DEPARTMENT OF THE PROJECT.

*...*  
DATE: 3/1/96



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

*...*  
COUNTY HEALTH OFFICER  
DATE: 3/1/96

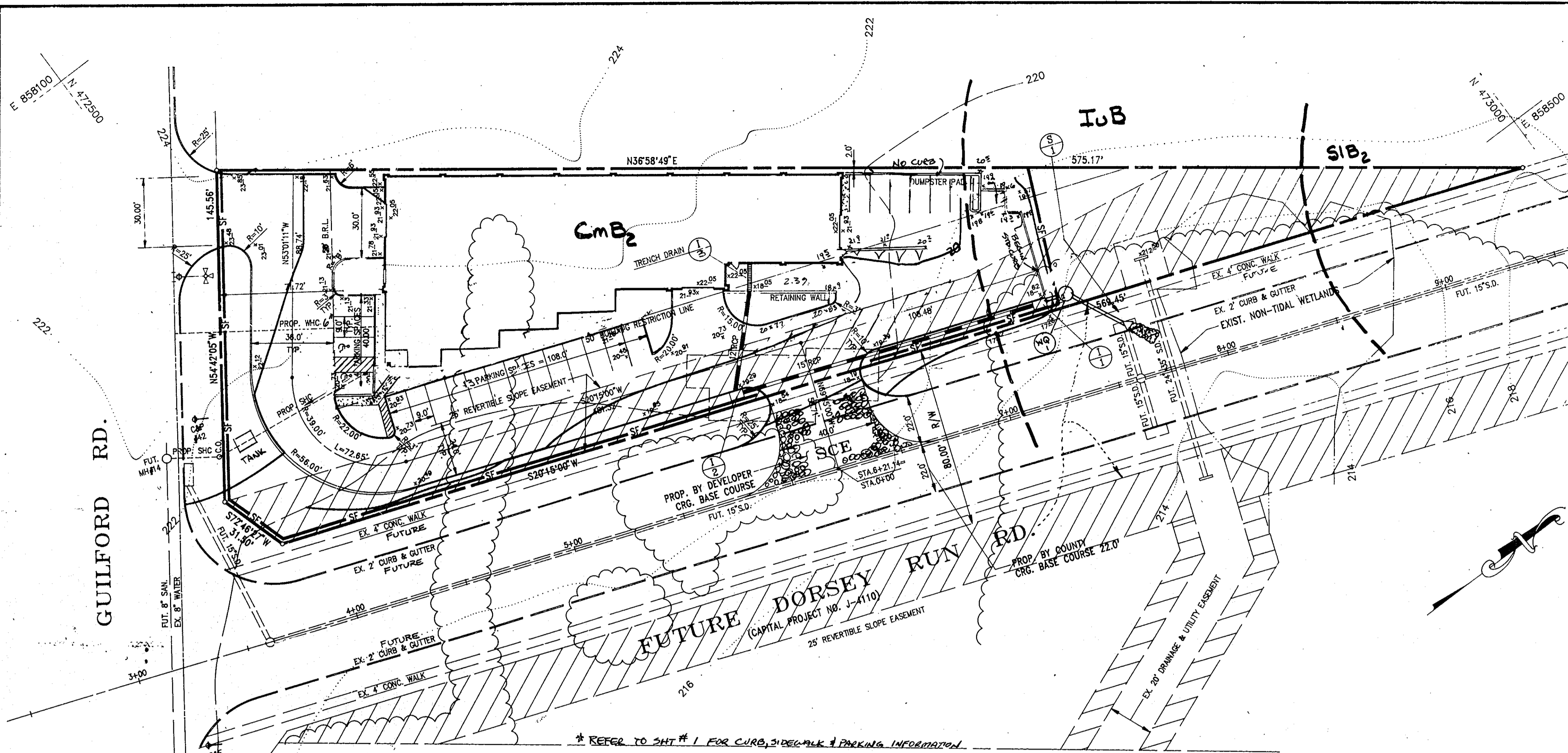
APPROVED BY HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*...*  
CHIEF DEVELOPMENT ENGINEERING DIVISION  
DATE: 3/1/96

*...*  
DIRECTOR  
DATE: 3/1/96

NO.	DATE	DESCRIPTION	BY

**MARBLE SOURCE UNLIMITED**  
LANDSCAPE PLAN & DETAILS  
SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER LOIS PRESTON & CAROLINE RODEN % E. ALEXANDER ADAMS, ESQ. 5042 DORSEY HALL DR. ELLCOTT CITY, MD. 21042	DEVELOPER: MR. J HN CONJEDO MARBLE SOURCE UNLIMITED ANNAPOLIS JUNCTION, MARYLAND	PREPARED BY: AMERICAN ENGINEERING, INC. CIVIL ENGINEERING CONSULTANTS AND LAND PLANNER 871-A MAR STREET LAUREL, MD. 20707	DES.: DCW JOB: 92105 DRW.: W.D.F. FILE: MARBSDP3 CHK.: D.C.W. DATE: 3-26-95 SCALE: AS SHOWN SHEET 3 OF 4
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**SEDIMENT CONTROL NOTES**

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION. (312-1850).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REVISIONS THEFTED.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERMETER SLOPES AND ALL SLOPES GREATER THAN 1:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 13, OF THE HOWARD COUNTY DESIGN MANUAL, STORM SEWERAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC 31) SOB (SEC 34), TEMPORARY SEEDING (SEC 30) AND MULCHING (SEC 33). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER SEEDING AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
 

TOTAL AREA OF SITE	117.2	ACRES
AREA DISTURBED	0.79	ACRES
AREA TO BE ROOFED OR PAVED	0.79	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.00	ACRES
TOTAL CUT (7,798.67'³)	255	CU YD
TOTAL FILL (255.00'³)	255	CU YD
OFFSITE WASTE/BORROW AREA LOCATION		
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE SECURED UPON COMPLETION OF INSTALLATION OF PERIMETER SEDIMENT CONTROL STRUCTURES, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH MOVING OR GRADING BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE IN PROGRESS UNTIL THE INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THE WHICHEVER IS THE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

**TEMPORARY SEEDING PREPARATION**  
 APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.  
 SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.  
 SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).  
 SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 2 1/2 BURLS PER ACRE OF ANNUAL RYE (3.3 LBS/1000 SQ FT) FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF SEEDING LEGUMES (07 LBS/1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOB.  
 MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 80 LBS/1000 SQ FT) OF UNMOTTLED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 216 GALLONS PER ACRE (8 GAL/1000 SQ FT) OF CALIFORNIA ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.  
 REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

**PERMANENT SEEDING PREPARATION**  
 SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.  
 SOIL AMENDMENTS: IN LBS/ACRE SOIL RECOMMENDATIONS, USE 600 OF THE FOLLOWING SCHEDULES:  
 1. PREPARED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (33 LBS/1000 SQ FT) AND 1 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARBOR OR BED 816 UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 0-0-0 UREA/ORGANIC FERTILIZER (9 LBS/1000 SQ FT).  
 2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (33 LBS/1000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARBOR OR BED 816 UPPER THREE INCHES OF SOIL.  
 SEEDING: FOR THE PERIOD MARCH 1 THROUGH APRIL 30 AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 2 1/2 BURLS PER ACRE OF ANNUAL RYE (3.3 LBS/1000 SQ FT) OF SEEDING LEGUMES, DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY APPLYING (1) 2 TONS PER ACRE OF WELL-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) USE SOB, OPTION (3) SEED WITH 3 LBS PER ACRE OF SEEDING LEGUMES IN TALL PEGS AND MULCH WITH 2 TONS PER ACRE OF WELL-ANCHORED STRAW.  
 MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 80 LBS/1000 SQ FT) OF UNMOTTLED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 216 GALLONS PER ACRE (8 GAL/1000 SQ FT) OF CALIFORNIA ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.  
 MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

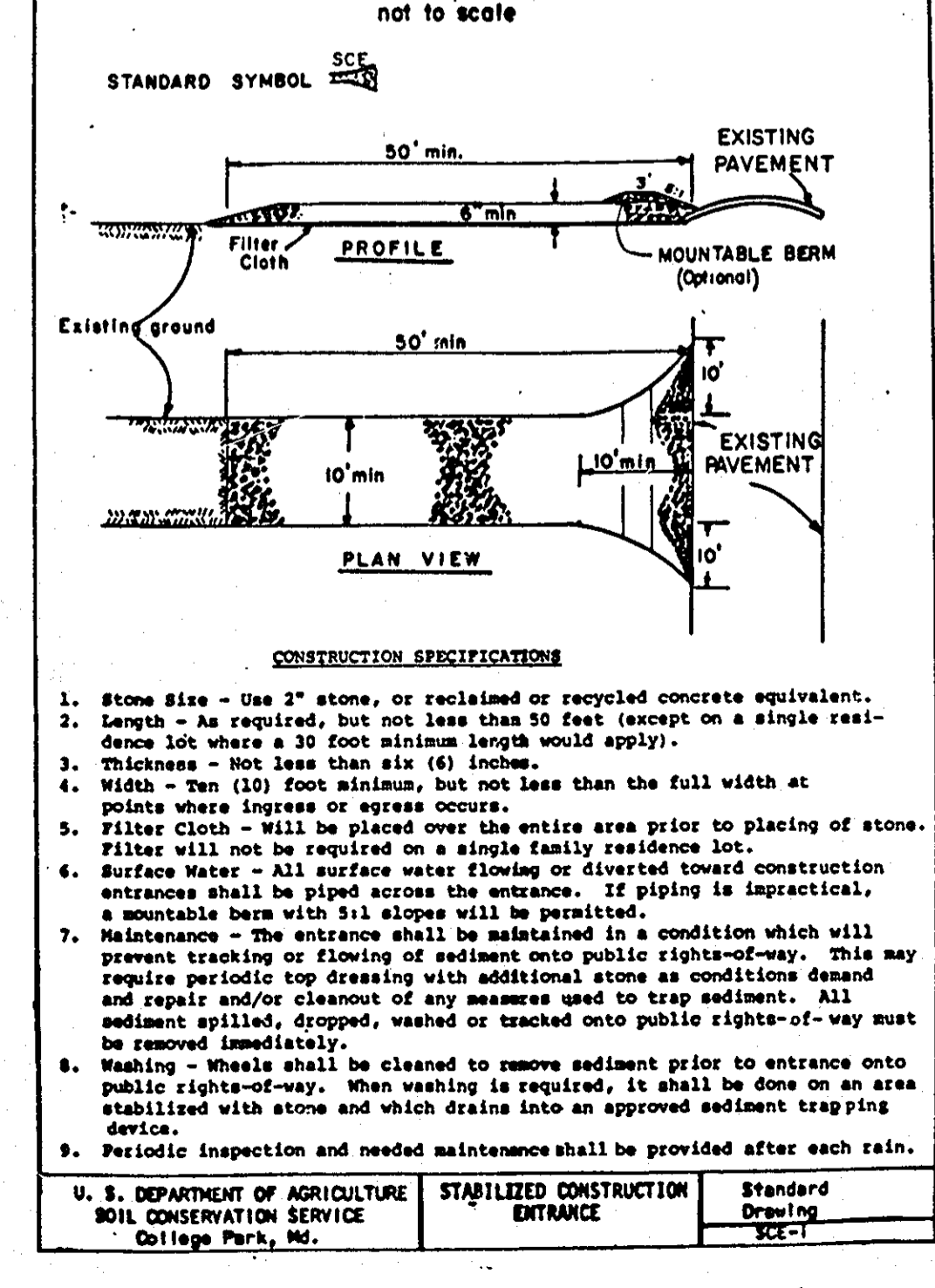
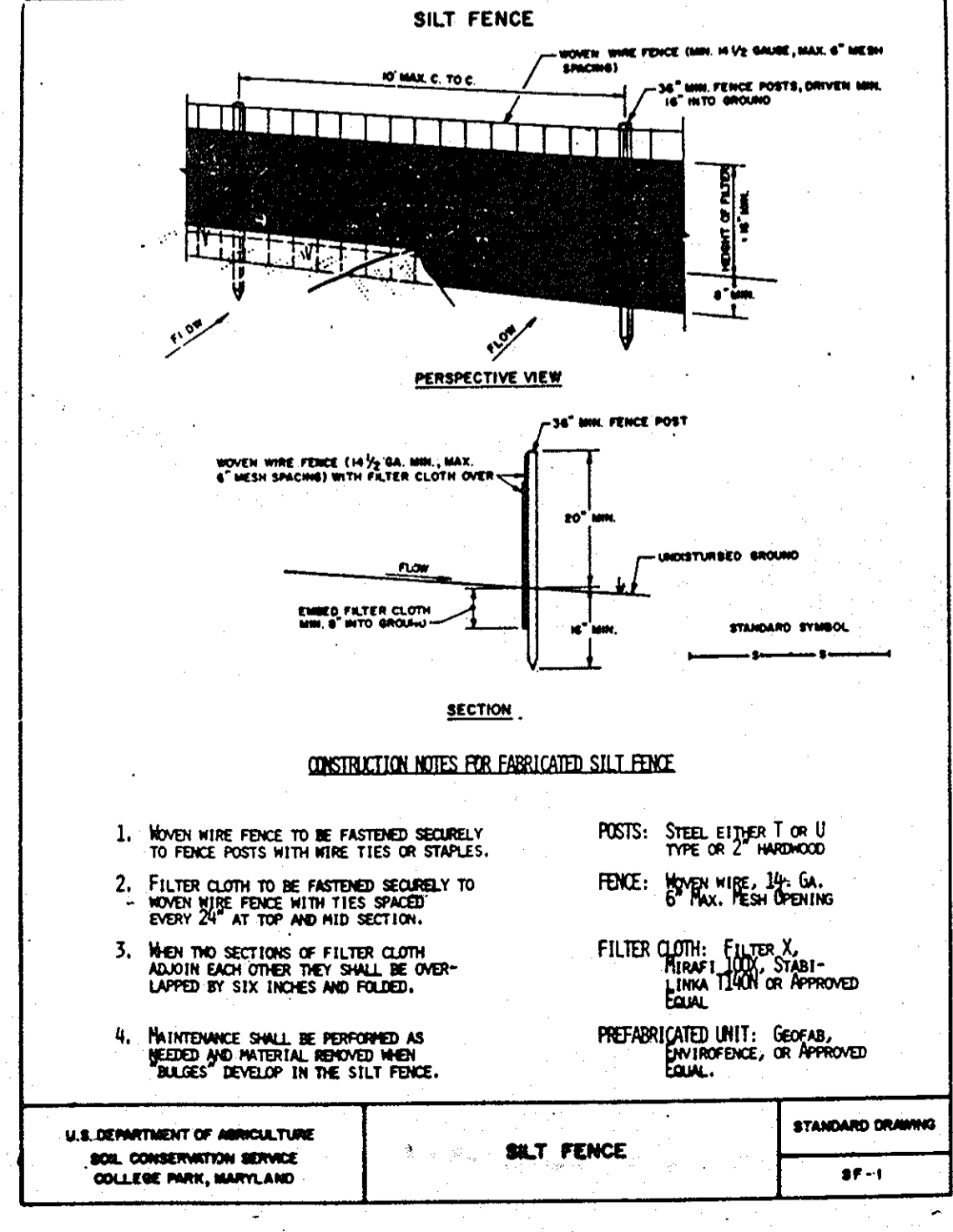
REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT MEETS TECHNICAL REQUIREMENTS.  
 J. A. Walcott / JWR  
 U.S. SOIL CONSERVATION DISTRICT  
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED:  
 John L. Robertson  
 DISTRICT SOIL CONSERVATION DISTRICT  
 DATE: 2/28/96

**Sediment Control Plan**

SCALE: 1" = 30'

**SEQUENCE OF CONSTRUCTION**

- OBTAIN GRADING PERMITS ..... 1 WEEK
- SET UP PRECONSTRUCTION MEETING WITH THE INSPECTOR ..... 1 WEEK
- INSTALL ALL SEDIMENT CONTROL DEVICES ..... 1 DAY
- GRADE SITE ACCORDING TO PLAN ..... 1 DAY
- CONSTRUCT BUILDING AND OTHER FACILITIES ..... 1 WEEK
- STABILIZE DISTURBED AREAS ..... 2.5 WEEKS
- WITH INSPECTOR'S PERMISSION REMOVE SEDIMENT CONTROL ..... 2 DAYS



**II. Mounting:**

The above fine sign shall be mounted underneath the below R7-8 reserved parking sign. The bottom edge shall be no less than 7 feet above ground. If the sign is placed against a building, structure or other location where vehicle or pedestrian traffic is not obstructed, the bottom edge of the sign shall be at least 6 feet, but no more than 10 feet above ground. Because this is in addition to existing sign installations, some adjustment in height will be necessary.



**ENGINEER'S CERTIFICATE**  
 I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND REASONABLE MEANS FOR THE PROTECTION OF THE ENVIRONMENT AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS.  
 JOHN L. ROBERTSON  
 REGISTERED PROFESSIONAL ENGINEER

**DEVELOPER'S CERTIFICATE**  
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION OF THE PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO HEREBY CERTIFY THAT THE PROJECT WILL BE MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS.  
 JOHN CONJEDO  
 DEVELOPER

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 Joyce M. Boydland  
 COUNTY HEALTH OFFICER  
 DATE: 2/17/96

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 Chief Development Engineering Division  
 Chief Division and Land Development Research  
 DATE: 2/16/96  
 DATE: 3/16/96

NO. DATE DESCRIPTION BY

SUBDIVISION NAME: MARBLE SOURCE UNLIMITED  
 SECT./AREA: 1/1  
 LOT/PARCEL#: 67  
 PLAT# OR L/F: 1576/596  
 BLOCK# ZONE: M-2  
 TAX/ZONE MAP: 48  
 ELEC. DIST. #6  
 CENSUS TR.: 6069.01  
 WATER CODE: B02  
 SEWER CODE: 402.0000

**MARBLE SOURCE UNLIMITED**  
**GRADING & SEDIMENT CONTROL PLAN**  
 SIXTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

OWNER: LOIS PRESTON & CAROLINE RODEN  
 % E. ALEXANDER ADAMS, ESQ.  
 5042 DORSEY HALL DR.  
 ELLICOTT CITY, MD. 21042

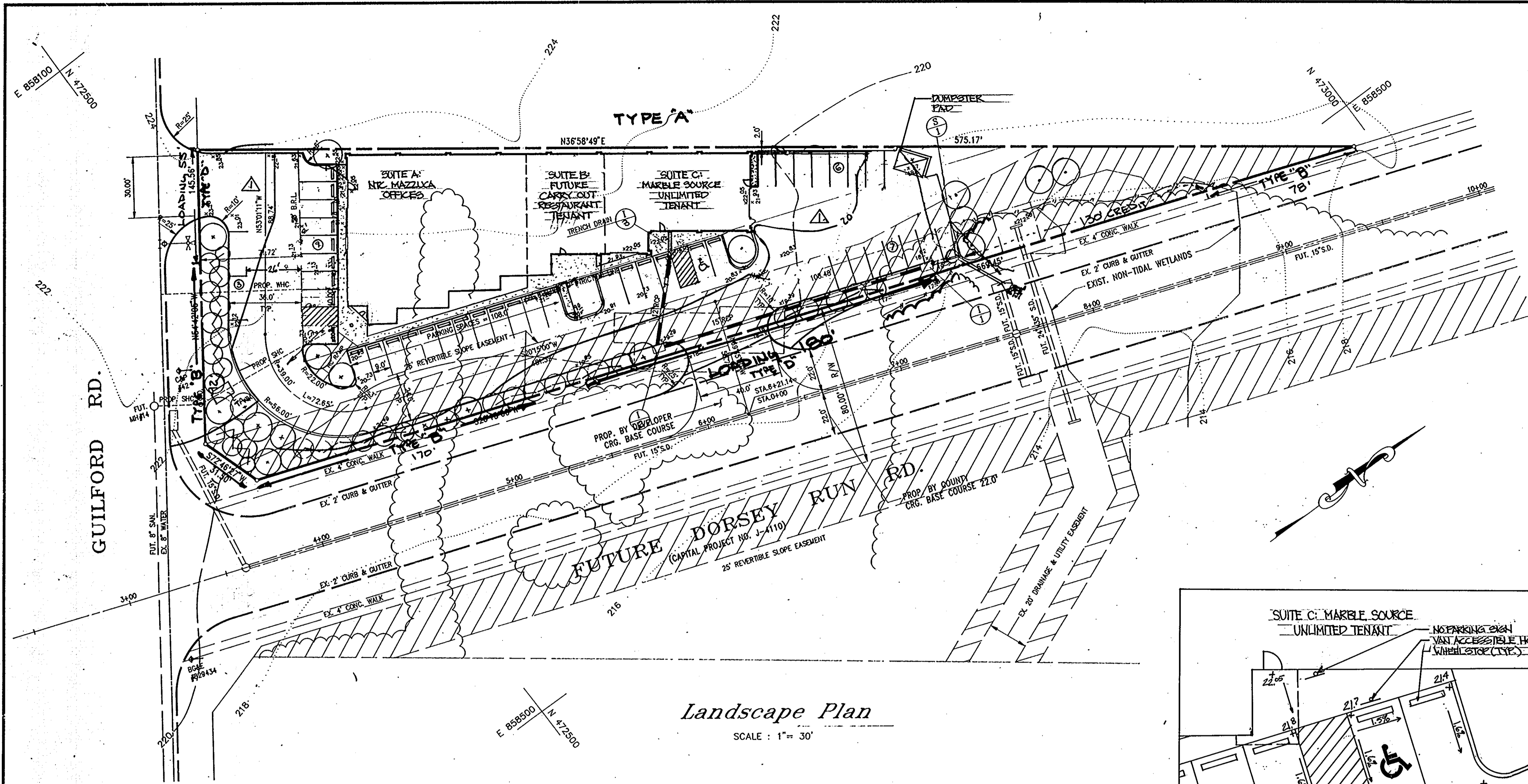
DEVELOPER: MR. JOHN CONJEDO  
 MARBLE SOURCE UNLIMITED  
 ANNAPOLIS JUNCTION, MARYLAND

PREPARED BY: AMERICAN ENGINEERING, INC.  
 CIVIL ENGINEERING CONSULTANTS  
 AND LAND PLANNER  
 871-A MAIN STREET  
 LAUREL, MD. 20707  
 BALT. (410) 865-3359  
 WASH. (301) 953-1221

DES.: DCW  
 DRW.: W.D.F.  
 CHK.: D.C.W.  
 SCALE: AS SHOWN

JOB: 92105  
 FILE: MARBSDP4  
 DATE: 3-28-95  
 SHEET 4 OF 4

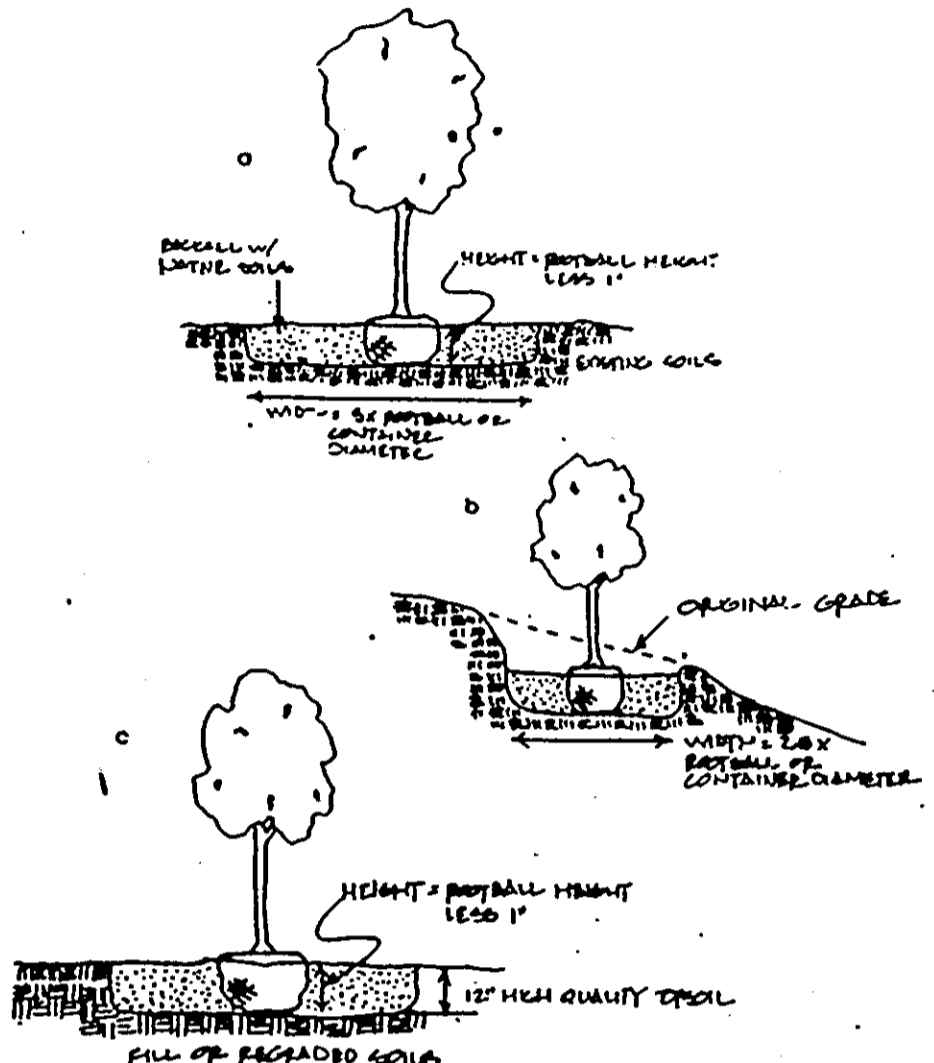
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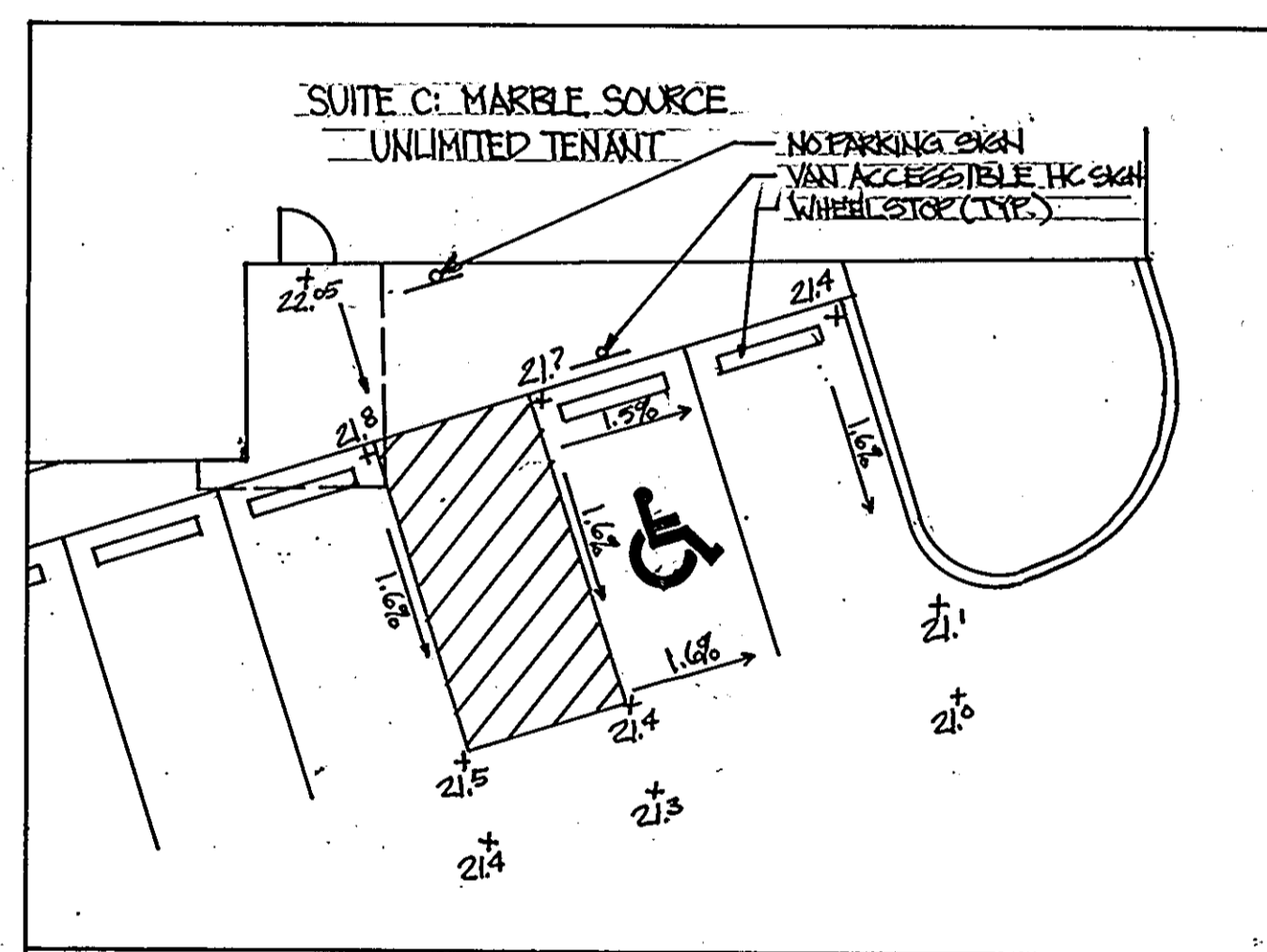
**Landscape Plan**

SCALE: 1" = 30'

Planting Specifications:  
Container Grown and Balled and Burlapped Stock



PLANTING DETAILS



HC LAYOUT DETAIL  
SCALE: 1" = 10'

SYMBOL	TYPE	SPECIES	SIZE	QUANTITY
(Circle with cross)	WHITE PINE	PINUS STROBUS	6'-8' HT	34
(Circle with dot)	LONDON PLANETREE	PLATANUS ACRIFFOLIA	2 1/2 GAL	22

TABLE 2  
LANDSCAPED EDGES ADJACENT TO ROADWAYS

Property Type	Front Side/Rear	Landscaping Edge
Single Family Detached	Front Side/Rear	None B
Single Family Attached	Front Side/Rear	None C
Apartments	All Sides	B
Non-Residential	Front/Side Rear - If Loading	B D
Parking	NA	E

SCHEDULE A  
PERIMETER LANDSCAPE EDGE

Category	Adjacent to Roadways	Adjacent to Perimeter Properties
Landscape Type	B D	A
Linear Foot of Roadway Frontage/Perimeter	511 235	575
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)	130' 0	1
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (Describe below if needed)	-	-
Number of Plants Required	8 4	110
Shade Trees	10	24
Evergreen Trees	-	-
Shrubs	-	-
Number of Plants Provided	110 4	110
Shade Trees	110	24
Evergreen Trees	-	-
Other Trees (2:1 substitution)	-	-
Shrubs (10:1 substitution)	-	-
(Describe plant substitution credits below if needed)	-	-

SCHEDULE B  
PARKING LOT INTERNAL LANDSCAPING

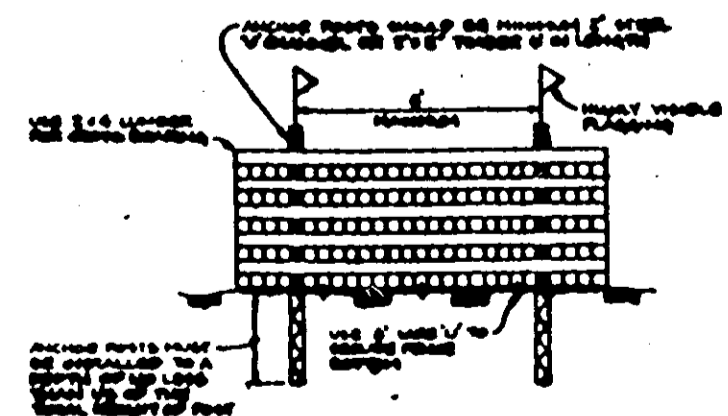
Number of Parking Spaces	14
Number of Trees Required	1
Number of Trees Provided	1
Shade Trees	-
Other Trees (2:1 substitution)	-

TABLE 1  
PERIMETER LANDSCAPE TYPES - BASED ON ADJACENT LAND USE

Category	Light Buffer	Moderate Buffer	Heavy Buffer	Screen	Buffer - Parking Adjacent to Roadway
A	1:60	0	0	0	0
B	1:50	1:40	0	0	0
C	1:40	1:20	0	0	0
D	1:60	1:10	0	0	0
E	1:40	0	0	1:4	1:4

TABLE 3  
LANDSCAPE EDGES ADJACENT TO PERIMETER PROPERTIES

Property Type	Adjacent Land Use	Landscape Type
Single Family Detached	All Uses	A
Single Family Attached	SFD SFA All Other Uses	C B A
Apartments	SFD SFA All Other Uses	C B A
Non-Residential	Residential All Other Uses	C A
Loading	Residential All Other Uses	D C



TREE PROTECTION FENCE



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

*John M. ...* 3/1/96  
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
CHIEF DIVISION AND LAND DEVELOPMENT RESEARCH

*...* 3/6/96  
DATE

ENGINEER'S CERTIFICATE  
I HEREBY CERTIFY THAT THIS PLAN FOR SEWAGE AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED UPON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT HAS BEEN MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DIST.

*Dudman* 3/1/96  
PROF. C. WESSER P.E. #1440

DEVELOPER'S CERTIFICATE  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND PLAN FOR EROSION CONTROL AND THAT ALL RESPONSIBILITY INCURRED IN THE CONSTRUCTION OF THE PROJECT WILL BE A COMPLETE OBLIGATION OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENTATION BY THE HOWARD COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION.

*...* 3/6/96

NO.	DATE	DESCRIPTION	BY
1	3/28/96	RENDERED PARKING & TABULATIONS	

SUBDIVISION NAME  
MARBLE SOURCE UNLIMITED

SECT./AREA  
1/1

LOT/PARCEL#  
67

PLAT# OR L/F  
1576/596

BLOCK#  
M-2

ZONE  
48

TAX/ZONE MAP  
48

ELEC. DIST.  
#6

CENSUS TR.  
6069.01

WATER CODE  
B&Z

SEWER CODE  
4020000

MARBLE SOURCE UNLIMITED  
LANDSCAPE PLAN & DETAILS

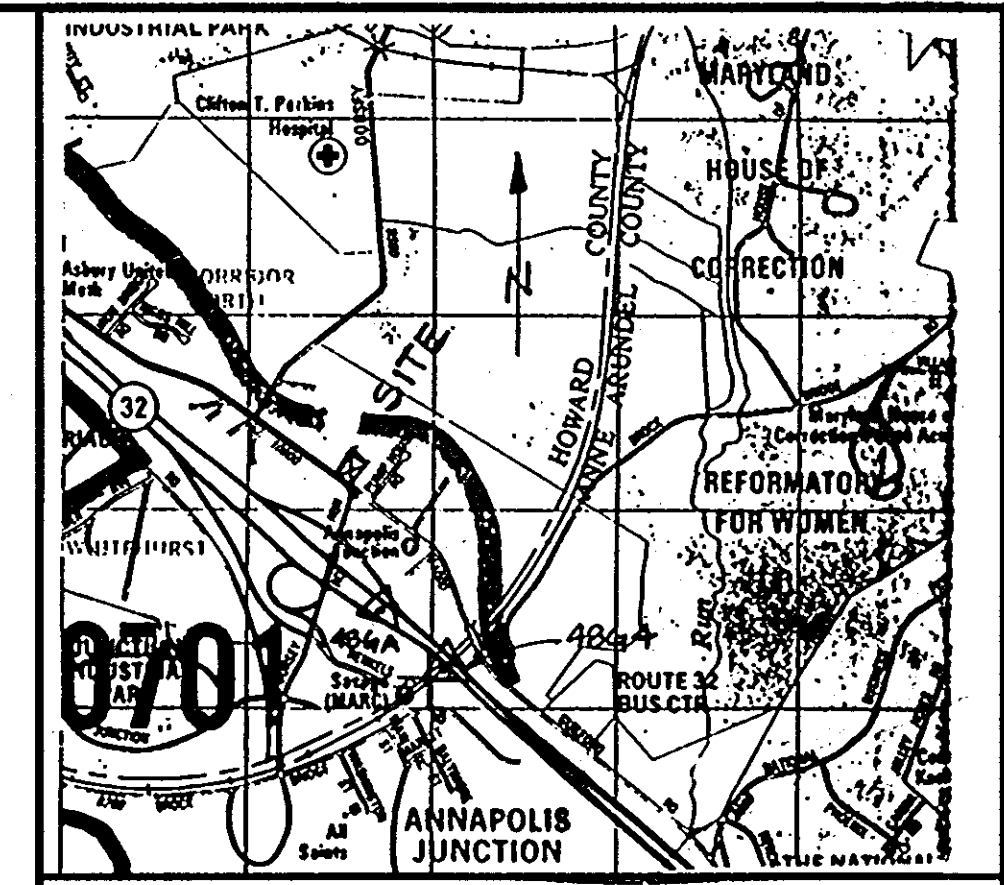
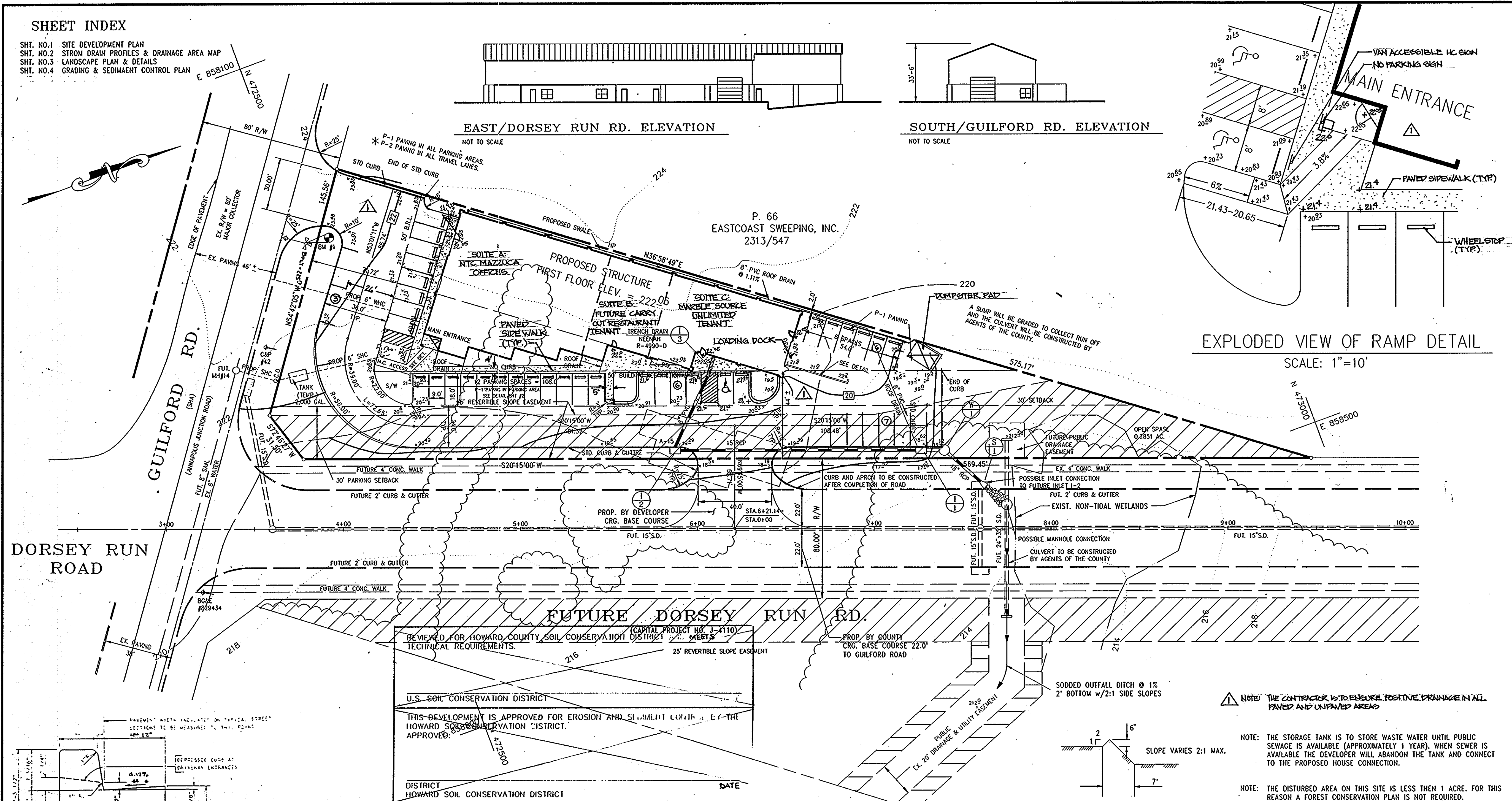
SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

OWNER LOIS PRESTON & CAROLINE RODEN % E. ALEXANDER ADAMS, ESQ. 5042 DORSEY HALL DR. ELLCOTT CITY, MD. 21042	DEVELOPER MR. J. HN CONJEDO MARBLE SOURCE UNLIMITED ANNAPOLIS JUNCTION, MARYLAND	PREPARED BY AMERICAN ENGINEERING, INC. CIVIL ENGINEERING CONSULTANTS AND LAND PLANNER	DES.: DCW JOB: 92105
			DRW.: W.D.F. FILE: MARBSDP3
			CHK.: D.C.W. DATE: 3-26-95
			SCALE: AS SHOWN SHEET 3 OF 4

SDP-96-27

**SHEET INDEX**

- SHT. NO.1 SITE DEVELOPMENT PLAN
- SHT. NO.2 STORM DRAIN PROFILES & DRAINAGE AREA MAP
- SHT. NO.3 LANDSCAPE PLAN & DETAILS
- SHT. NO.4 GRADING & SEDIMENT CONTROL PLAN

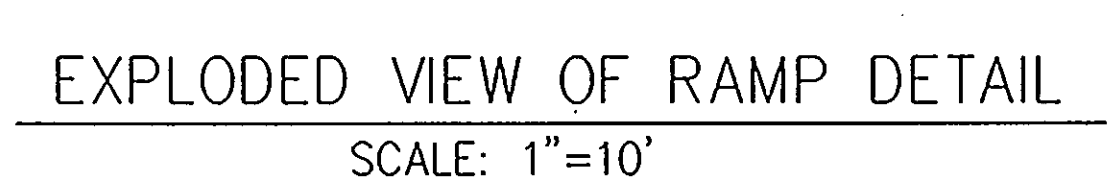


VICINITY MAP  
SCALE: 1" = 2000'

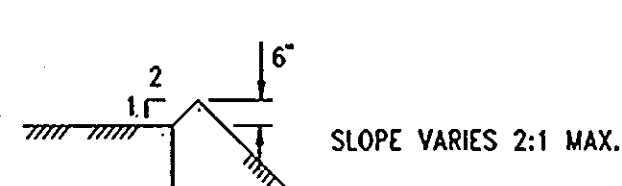
**SITE ANALYSIS**

- AREA OF PARCEL: 1.1240 ACRES OF 48,962.01 SQ.FT.
- PRESENT ZONING: M-2 / BOARD OF APPEALS CASE NO.: BA95-24V
- PROPOSED USE OF STRUCTURE: ~~MANUFACTURING~~ SEE TABULATIONS BELOW
- FLOOR SPACE: +28,000 SQ.FT. (SEE TABULATIONS BELOW)
- TOTAL NUMBER OF UNITS ALLOWED: 1
- TOTAL NUMBER OF UNITS PROVIDED: 1
- MAXIMUM NUMBER OF EMPLOYEES ON SITE: 12 (SECT. 133 D.S.C.)
- NUMBER OF PARKING SPACES REQUIRED: ~~12~~ SEE TABULATIONS BELOW
- NUMBER OF PARKING SPACES PROVIDED: ~~12~~ SEE TABULATIONS BELOW
- OPEN SPACE ON SITE: 0.2851 ACRES OR 12,421.2 SQ.FT.
- AREA OF RECREATION OPEN SPACE REQUIRED BY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND PROVIDED: N/A
- BUILDING COVERAGE OF SITE: 12,000 SQ.FT. = 25% OF GROSS AREA

- GENERAL NOTES**
- THERE IS NO FLOORPLAN ON THIS SITE. THERE ARE NO WETLANDS ON THIS SITE.
  - NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT.
  - THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY HOWARD COUNTY DATUM 1994.
  - THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS NO. 4804 AND 4806 WERE USED FOR THIS PROJECT.
  - CONSTRUCTION IS TO BE COORDINATED WITH CAP. PROJ. J-1410.
  - STORMWATER MANAGEMENT FOR THIS PROJECT IS PROVIDED BY THE PROPOSED SIM POND # 1. CAP. PROJ. J-1410. A FEE IS LEVY TO BE PAID BY THE DEVELOPER, AND APPROVED BY DPZ ON SEPTEMBER 18, 1995.
  - PUBLIC WATER WILL BE PROVIDED BY THE EXISTING MAIN IN GUILFORD ROAD.
  - 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 THE START OF WORK.
  - EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
  - THE CONTRACTOR SHALL NOTIFY MISS UTILITY, 1-800-257-7777, A MINIMUM OF (3) DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
  - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD CO. PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
  - SEWAGE WILL BE STORED IN A TEMPORARY TANK (1,000 GALL.) UNTIL SUCH TIME AS CAPITAL PROJECT J-24-1410 IS IN SERVICE.
  - A VARIANCE OF SEC. 223.0.2.0 (1) ALLOWING FOR VARIOUS BRL ENCROACHMENTS WAS GRANTED BY BA 95-24 V.
  - THE PROPERTY IS RECORDED IN THE PLAT RECORDS OF HOWARD COUNTY MARYLAND AS PLAT NO. 18772.
  - TYPICAL BUILDING DIMENSIONS AND SCHEMATIC PROFILES ARE SHOWN ON THIS SHEET.
  - TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
  - ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.



EXPLODED VIEW OF RAMP DETAIL  
SCALE: 1"=10'



LOADING DOCK DETAIL  
NTS

**OPERATION AND MAINTENANCE SCHEDULE FOR STORMCEPTOR WATER QUALITY DEVICE**

- Stormceptor water quality structures will require periodic inspection and cleaning to maintain operation and function. Owners will have the Stormceptor unit inspected yearly or as required by Howard County, utilizing the Stormceptor Inspection/Monitoring Form. Inspections can be done by using a clear Plexiglas tube ("sludge judge") to extract a water column sample. When sediment depths exceed the specified level (Table B of Technical Manual) then cleaning of the unit is required.
- Stormceptor water quality structures must be checked and cleaned immediately after petroleum spills, contact appropriate regulatory agencies.
- Maintenance of Stormceptor units should be done by a vacuum truck which will remove the water, sediment, debris, floating hydrocarbons and other materials in unit. The proper cleaning and disposal of the removed materials and liquid must be followed.
- Inlet and outlet pipes must be checked for any obstructions and if any obstructions are found they must be removed. Structural parts of the Stormceptor will be repaired as needed.
- Owner shall retain and make Stormceptor Inspection/Monitoring Forms available to Howard County officials upon their request.

**STORMCEPTOR SEPARATOR SPECIFICATIONS (Concrete)**

MODEL	MAX. FLOW (GPM)	MIN. FLOW (GPM)	MIN. INLET DIA. (IN)	MIN. OUTLET DIA. (IN)	MIN. HEIGHT (IN)	MIN. WIDTH (IN)
STC 800	285	70	24	24	81	81
STC 1200	425	110	30	30	124	124
STC 1800	565	145	36	36	166	166
STC 2400	705	180	42	42	208	208
STC 3000	845	215	48	48	250	250
STC 3600	985	250	54	54	292	292
STC 4200	1125	285	60	60	334	334
STC 4800	1265	320	66	66	376	376
STC 5400	1405	355	72	72	418	418
STC 6000	1545	390	78	78	460	460
STC 6600	1685	425	84	84	502	502
STC 7200	1825	460	90	90	544	544

**ADDRESS CHART**

SUITE	STREET ADDRESS
A	1097 B GUILFORD ROAD
B	1097 B GUILFORD ROAD
C	1097 C GUILFORD ROAD

**ADDRESS CHART**

UNIT NUMBER	STREET ADDRESS
1	1097 GUILFORD ROAD

**ENGINEER'S CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL, REPRESENTS A FEASIBLE AND Viable PLAN BASED UPON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY CONSERVATION DISTRICT.

*David A. Smith* 3/1/96  
STATE OF MARYLAND PROFESSIONAL ENGINEER

**DEVELOPER'S CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL, REPRESENTS A FEASIBLE AND Viable PLAN BASED UPON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY CONSERVATION DISTRICT.

*John J. Angelo* 3/1/96  
STATE OF MARYLAND PROFESSIONAL ENGINEER

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

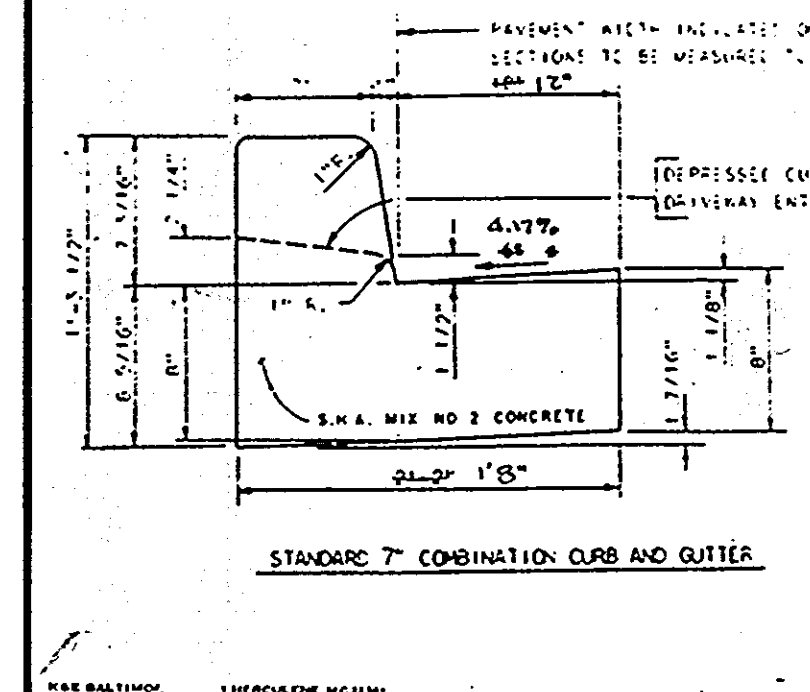
*Joyce M. Boydland per John* 3/1/96  
COUNTY HEALTH OFFICER / CD

**APPROVED:** HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*John J. Angelo* 3/1/96  
CHIEF DEVELOPMENT ENGINEERING DIVISION

*John J. Angelo* 3/1/96  
CHIEF DIVISION AND LAND DEVELOPMENT RESEARCH

*David A. Smith* 3/1/96  
DISTRICT



STANDARD 7" COMBINATION CURB AND GUTTER

**PAVING SECTIONS**

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS
P-1	PARKING BAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS TRAVELWAYS FOR APARTMENTS AND COMMERCIAL INDUSTRIAL ZONES WITH NO HEAVY TRUCKS	FULL DEPTH BIT. CONC. ALTERNATE 1" BIT. CONC. SURFACE 4" BIT. CONC. BASE 4" GRADED AGGREGATE BASE (GAB)
P-2	RESIDENTIAL ZONES LOCAL CUL-DE-SACS, ALLEYS AND PRIVATE ROADS SERVING INDIVIDUAL TRAVELWAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 5" BIT. CONC. BASE 6" GRADED AGGREGATE BASE (GAB)
P-3	RESIDENTIAL ZONES MINOR AND MAJOR COLLECTORS COMMERCIAL-INDUSTRIAL ZONES LOCAL AND CUL-DE-SACS STREETS ALLEYS TRAVELWAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY	1 1/2" BIT. CONC. SURFACE 1 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE 4" GRADED AGGREGATE BASE (GAB)
P-4	COMMERCIAL-INDUSTRIAL ZONES MINOR COLLECTOR	1 1/2" BIT. CONC. SURFACE 3 1/2" BIT. CONC. BASE 5" BIT. CONC. BASE 4" GRADED AGGREGATE BASE (GAB)

HOWARD COUNTY, MARYLAND  
DEPARTMENT OF PUBLIC WORKS  
Approved: *John J. Angelo* 3/1/96  
Chief-Dir. of Eng.

PAVING SECTIONS  
P-1 THROUGH P-4  
REV. OCT. 1990

**PARKING TABULATIONS**

PROPOSED USES:  
MARBLE SOURCE OFFICE: 1,250 SQ.FT. PARKING & STORAGE (0.5 SP/1,000 SQ.FT.)  
MARBLE SOURCE WAREHOUSE: 2,000 SQ.FT. PARKING SPACES REQ. (0.5 SP/1,000 SQ.FT.)  
CARRY-OUT RESTAURANT: 1,000 SQ.FT. PARKING SPACES REQ. (0.5 SP/1,000 SQ.FT.)  
NYC OFFICE: 1,000 SQ.FT. PARKING SPACES REQ. (0.5 SP/1,000 SQ.FT.)  
NYC STORAGE: 1,000 SQ.FT. PARKING SPACES REQ. (0.5 SP/1,000 SQ.FT.)  
TOTAL PARKING PROVIDED: 45 SPACES

NO.	DATE	DESCRIPTION	BY
1.	7/28/06	REVISED PARKING & TABULATIONS	

SUBDIVISION NAME: MARBLE SOURCE UNLIMITED  
SECT./AREA: 1/1  
LOT/PARCEL #: 67

PLAT OR L/R: 1576/596  
BLOCK: 48  
ZONE: M-2  
ELEC. DIST.: #6  
CENSUS TR.: 6049.01

WATER CODE: 602  
SEWER CODE: 4020000

**MARBLE SOURCE UNLIMITED**  
SITE DEVELOPMENT PLAN

SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

DES.: DCW  
JOB.: 92105  
DRW.: W.D.F.  
FILE.: MARBSPD1  
CHK.: D.C.W.  
DATE.: 3-26-95  
SCALE: AS SHOWN  
SHEET 1 OF 4

DEVELOPER:  
MR. JOHN CONJEDO  
MARBLE SOURCE UNLIMITED  
10810 GUILFORD ROAD, SUITE 107  
ANNAPOLIS JUNCTION, MARYLAND.  
PHONE NO. 880-3006 20707

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