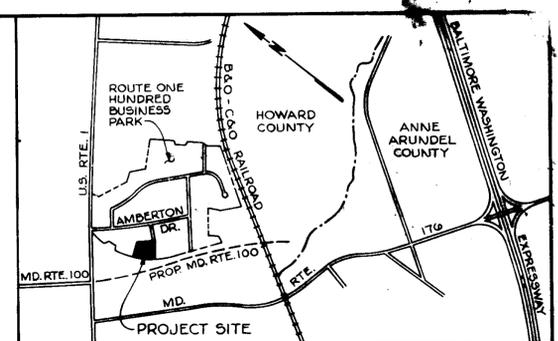


PARKING SUMMARY				
USE	PERCENT OF TOTAL AREA	AREA SQ. FT.	EMPLOYEES	REQ'D. NO. OF PARKING SPA.
OFFICE	15%	10,741	50	7 per 10 employ. = 35 P.S.
WAREHOUSE	74%	52,990	62	1 per 2 employ. = 31 P.S.
MANU-FACT.	11%	7,877	—	7,877 / 500 = 16 P.S.

- SITE ANALYSIS**
1. Area: 256,394 Sq. Ft. / 5.886 Acres
  2. Zoning: M-2
  3. Floor Space: 71,608 Sq. Ft.
  4. Open Space: 72.07% of Total Site
  5. Green Area: 2.271 Acres, 53.54% of Open Space
  6. Employees: 112
  7. Parking Spaces Required: 82 (See Parking Summary)
  8. Parking Spaces Provided: 77 Standard  
5 Handicapped
  9. Total Parking Spaces Provided: 82
  10. Parking Lot Area: 24,024 Sq. Ft.
  11. Landscaped Island Area: 1,206 Sq. Ft.  
5.02% of Parking Lot Area

APPROVED  
DIVISION OF LAND  
ZONING ADMINISTRATION  
NOW IN COUNTY  
DATE 8/22/85  
LR/AMM



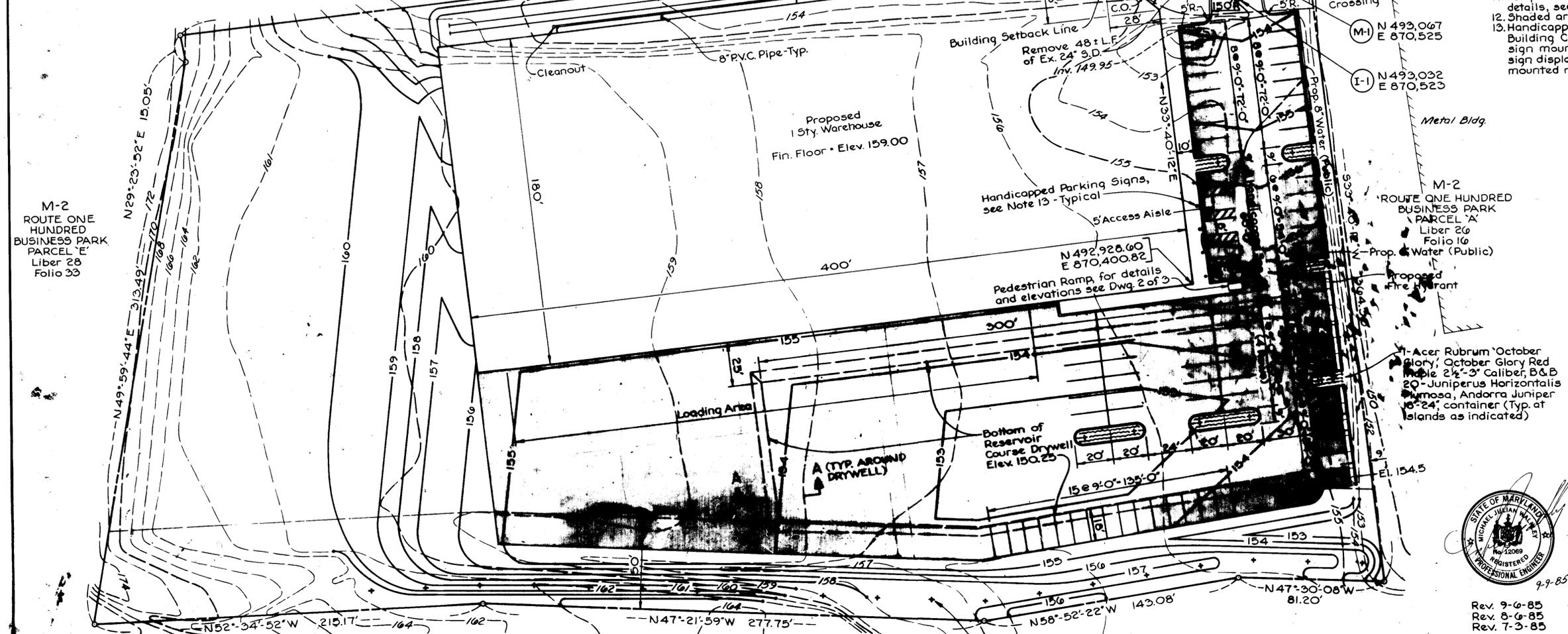
VICINITY MAP  
Scale: 1"=2000'

SOUTH ELEVATION  
Scale: 1"=60'

PLANT LIST	
NO.	DESCRIPTION
20	Acer Rubrum 'October Glory', October Glory Red Maple 2 1/2" - 3" Caliber, B&B
120	Juniperus Horizontalis Plumosa, Andorra Juniper, 18" - 24", Container

M-2  
ROUTE ONE HUNDRED  
BUSINESS PARK  
PARCEL 'D-1'  
Liber 26  
Folio 50

- NOTES:**
1. Materials and construction shall be in accordance with the Howard County Road Construction Code.
  2. The Contractor shall verify all existing utilities to his own satisfaction before starting construction.
  3. The Contractor shall notify the C&P Telephone Company and the Gas & Electric Company five days prior to starting work shown on these plans by calling "Miss Utility"; call collect 1-559-0100.
  4. The Contractor shall maintain a minimum of 3.5' cover over all proposed water lines.
  5. The Contractor shall maintain a minimum of 1.0' clearance at all water, sewer and storm drain crossings.
  6. The Contractor or Developer shall contact the Construction Inspection/Survey Division 24 hours in advance of commencement of work at 992-2417 or 992-2418.
  7. All reinforced concrete pipe shall be Class III.
  8. Manhole shall be precast in accordance with Howard County Standard G-311.
  9. Inlet shall be Type 'S' in accordance with Howard County Standard SD-4.22.
  10. Vehicular ingress/egress along adjoining Maryland Route 100 shall be restricted.
  11. For pavement, curb, utility profiles and miscellaneous details, see Dwg. No. 2 of 3.
  12. Shaded area denotes porous pavement.
  13. Handicapped parking sign shall conform to Maryland Building Code for the handicapped, bottom edge of sign mounted 7'-0" min. above grade. An additional sign displaying amount of fine shall also be mounted no lower than 7'-0" above grade.



11-15-85 Revise storm drain & water line - WCRPJ  
ADDRESS CHART

PARCEL NUMBER	ADDRESS
D-2	6630 AMBERTON DRIVE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR  
DATE  
CHIEF, BUREAU OF ENGINEERING

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
PLANNING DIRECTOR  
DATE  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

OWNER:  
AMBERTON OBRECHT LIMITED PARTNERSHIP  
111 WATER STREET  
BALTIMORE, MARYLAND 21202  
PHONE: 837-1054

PROJECT:  
ROUTE ONE HUNDRED BUSINESS PARK  
BLOCK B PARCEL D-2  
HOWARD COUNTY MARYLAND

SITE PLAN  
MICHAEL J. WALKLEY, P.E.  
2 E. WHEELING STREET  
SUITE 400  
BALTIMORE, MARYLAND 21200  
PHONE: 837-0170



Rev. 9-6-85  
Rev. 8-6-85  
Rev. 7-3-85

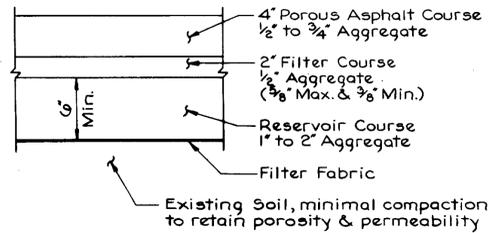
SUBDIVISION NAME Route 100 Business Park		SECT./AREA Blk. "B"	PARCEL NO. D-2
PLAT NO. 4338	BLOCK NO. 24	ZONE M-2	TAX/ZONE MAP 37
WATER CODE		ELEC. DIST. 1ST	CENSUS TR. 6012
		SEWER CODE	

PROPOSED MARYLAND ROUTE 100  
Vehicular Ingress/Egress Restricted  
PLAN  
Scale: 1"=30'

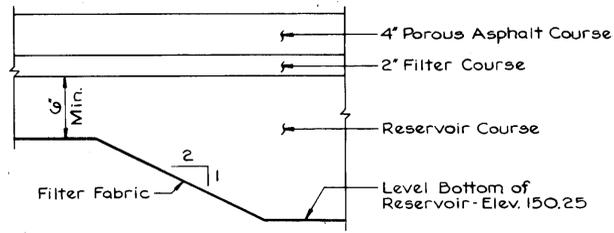
19-Acer Rubrum 'October Glory',  
October Glory Red Maple  
2 1/2" - 3" Caliber  
B & B @ 30" o.c.

M-2  
ROUTE ONE HUNDRED BUSINESS PARK  
PARCEL 'E'  
Liber 28  
Folio 33

MD. STATE HIGHWAY ADMINISTRATION  
Liber 750  
Folio 453

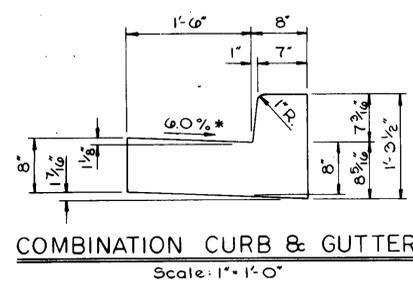


**POROUS PAVEMENT SECTION**  
Not to Scale

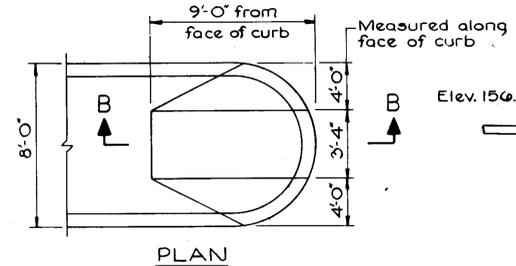


**SECTION A-A**  
Not to Scale

\* Slope at the same rate and in the same direction as the pavement on the high side of superelevated sections.



**COMBINATION CURB & GUTTER**  
Scale: 1" = 1'-0"



**PEDESTRIAN RAMP**  
Scale: 1/4" = 1'-0"

**POROUS PAVEMENT NOTES**

**PAVEMENT CONSTRUCTION METHODS/SPECIFICATIONS AND MAINTENANCE**

**A. STABILIZATION**

PAVING SHALL NOT BE PLACED INTO SERVICE UNTIL ALL OF THE SURFACE DRAINAGE AREAS CONTRIBUTING TO THE PAVEMENT HAVE BEEN EFFECTIVELY STABILIZED IN ACCORDANCE WITH MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

**B. SUBGRADE PREPARATION**

EQUIPMENT SHALL BE TRACKED EQUIPMENT OR OVERSIZED RUBBER TIRE EQUIPMENT - DO NOT USE STANDARD RUBBER Tired EQUIPMENT. TRAFFIC OVER SUBGRADE SHALL BE KEPT AT A MINIMUM. WHERE FILL IS REQUIRED, IT SHALL BE COMPACTED TO A DENSITY EQUAL TO THE UNDISTURBED SUBGRADE, AND INHERENT SOFT SPOTS CORRECTED.

**C. AGGREGATE BASE COURSE**

1) ALL STONE USED SHALL BE CLEAN, WASHED, CRUSHED STONE, MEETING MARYLAND STATE HIGHWAY ADMINISTRATION SPECIFICATIONS.  
2) AGGREGATE BASE COURSE SHALL BE LAID OVER A DRY SUBGRADE IN LIFTS TO LAY NATURALLY COMPACTED. THE STONE BASE COURSE SHALL BE COMPACTED LIGHTLY. KEEP THE BASE COURSE CLEAN FROM DEBRIS AND SEDIMENT.

**D. POROUS ASPHALT SURFACE COURSE**

1) THE SURFACE COURSE SHALL BE LAID DIRECTLY OVER THE 1/2" AGGREGATE BASE COURSE AND SHALL BE LAID IN ONE LIFT.  
2) THE LAYING TEMPERATURE SHALL BE BETWEEN 230 AND 260 , WITH MINIMUM AIR TEMPERATURE OF 50 F.  
3) COMPACTION OF SURFACE COURSE SHALL BE DONE WHILE THE SURFACE IS COOL ENOUGH TO RESIST A 10-TON ROLLER. USE ONE OR TWO PASSES BY THE ROLLER ONLY.  
4) MIXING PLANT SHALL CERTIFY THE AGGREGATE MIX AND ABRASION LOSS FACTOR AND THE ASPHALT CONTENT IN THE MIX. THE ASPHALTIC MIX SHALL BE TESTED FOR ITS RESISTANCE TO STRIPPING BY WATER USING ASTM D 1644. IF THE ESTIMATED COATING AREA IS NOT ABOVE 95 PERCENT, ANTI-STRIPPING AGENTS SHALL BE ADDED TO THE ASPHALT.  
5) TRANSPORTING OF MIX TO SITE SHALL BE IN CLEAN VEHICLE WITH SMOOTH DUMP BEDS THAT HAVE BEEN SPRAYED WITH A NON-PETROLEUM RELEASE AGENT. THE MIX SHALL BE COVERED DURING TRANSPORTATION TO CONTROL COOLING.  
6) MIX OF ASPHALT SHALL BE 5.5 TO 6 PERCENT OF WEIGHT OF DRY AGGREGATE.  
7) ASPHALT GRADE SHALL MEET AASHTO SPECIFICATION M-20 FOR 65, TO 80 PENETRATION ROAD ASPHALT AS A BINDER.

**8) AGGREGATE GRADING SHALL BE AS SPECIFIED BELOW.**

U.S. SIEVE SERIES SIZE	OPENING (mm)	SPECIFICATION: PERCENT PASSING BY WEIGHT
1/2 in.	12.70	100
3/8 in.	9.51	95-100
#4	4.76	30- 50
#8	2.38	5- 15
#200*	0.074	2- 5

\*AGGREGATE SHOULD BE UNIFORMLY GRADED BETWEEN THE #8 AND #200 SIEVES.

**E. PROTECTION**

AFTER FINAL ROLLING, NO VEHICULAR TRAFFIC OF ANY KIND SHALL BE PERMITTED ON THE PAVEMENT UNTIL COOLING AND HARDENING HAS TAKEN PLACE, AND IN NO CASE LESS THAN 6 HOURS (PREFERABLY 24-48 HOURS).

**F. WORKMANSHIP**

1) WORK SHALL BE DONE EXPERTLY THROUGHOUT AND WITHOUT STAINING OR DAMAGE TO OTHER PERMANENT WORK.  
2) MAKE TRANSITION BETWEEN EXISTING AND NEW PAVING WORK NEAT AND FLUSH.  
3) FINISHED PAVING SHALL BE EVEN, WITHOUT POCKETS, AND GRADED TO ELEVATIONS SHOWN.  
4) IRON SMOOTHLY TO GRADE, ALL MINOR SURFACE PROJECTIONS AND EDGES ADJOINING OTHER MATERIALS.

**G. CERTIFICATION**

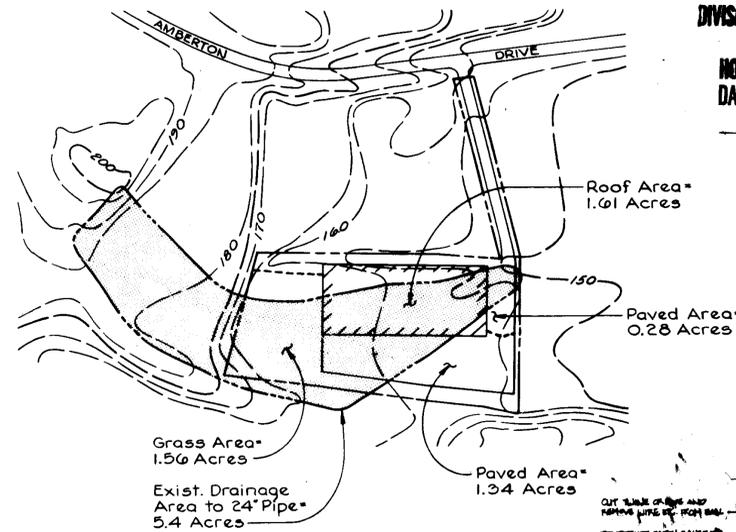
AN APPROPRIATE PROFESSIONAL, REGISTERED IN THE STATE OF MARYLAND, SHALL CERTIFY THAT THESE SPECIFICATIONS WERE COMPLIED WITH.

**H. MAINTENANCE**

THE SURFACE OF POROUS ASPHALT PAVEMENT MUST BE CLEANED REGULARLY TO AVOID ITS BECOMING CLOGGED BY FINE MATERIAL. THIS CLEANING IS BEST ACCOMPLISHED THROUGH USE OF A VACUUM CLEANING STREET SWEEPER. IN TIMES OF HEAVY SNOWFALL APPLICATION OF ABRASIVE MATERIAL SHOULD BE CLOSELY MONITORED TO AVOID CLOGGING PROBLEMS ONCE THE SNOW AND ICE HAS MELTED. PARTIALLY CLOGGED PAVEMENT SHOWING A WATER INFILTRATION RATE OF 0.1 INCHES PER SECOND COMPARED TO A NORMAL WATER PENETRATION OF 0.38 INCHES PER SECOND MUST BE RESTORED TO NORMAL OPERATION USING BRUSH AND VACUUM SWEEPING FOLLOWED BY HIGH PRESSURE WATER WASHING OF THE PAVEMENT.

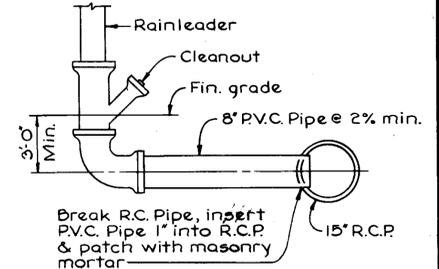
**I. TRAFFIC CONTROL**

DURING ALL PERIODS OF CONSTRUCTION CAKED MUD SHALL BE CLEANED FROM VEHICLE WHEELS AND THE PAVEMENT CLEANED DAILY BY SWEEPING AND HIGH-PRESSURE WATER WASHING.

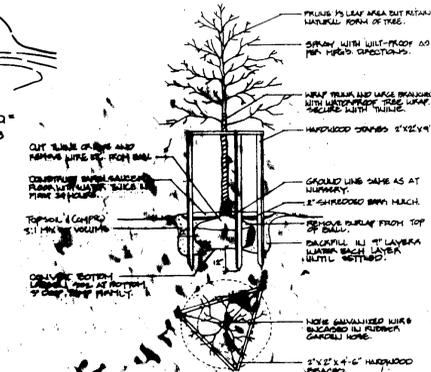


**DRAINAGE AREA MAP**  
Scale: 1" = 200'

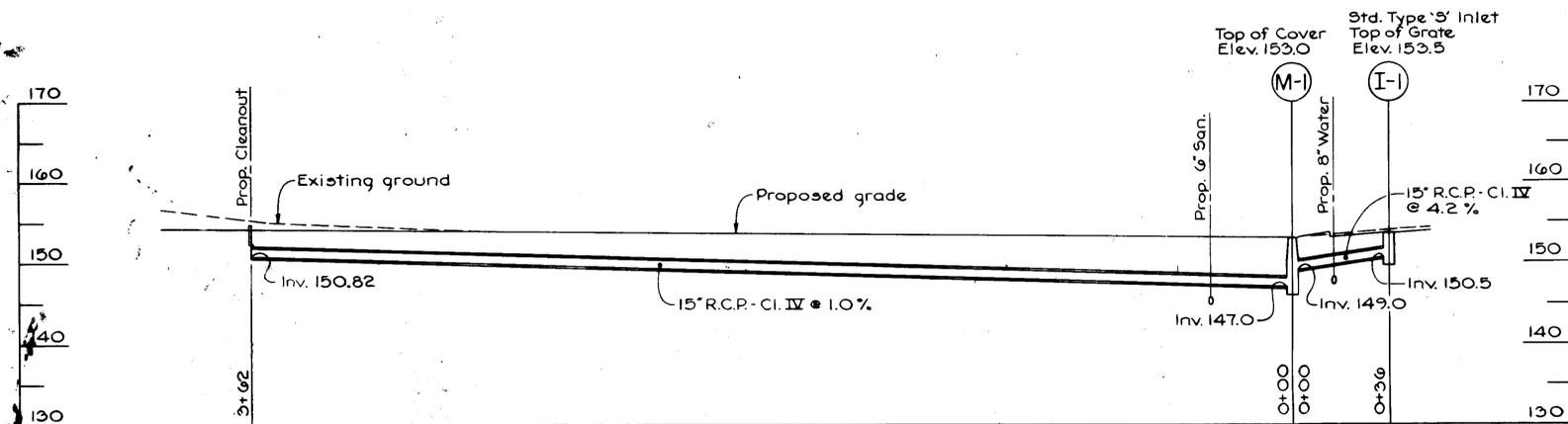
APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 8/22/85  
L.R./JMM



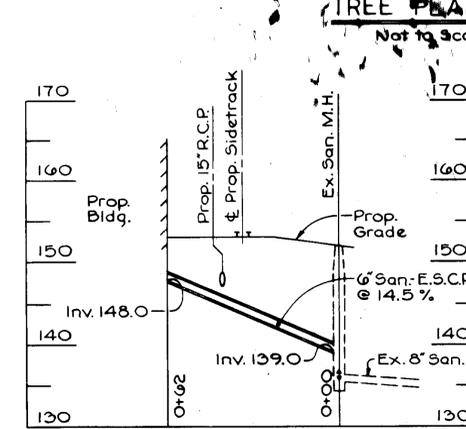
**TYPICAL RAINLEADER DETAIL**  
Not to Scale



**TREE PLANTING**  
Not to Scale



**STORM DRAIN PROFILE**  
Scale: Horiz. 1" = 30'  
Vert. 1" = 10'



**SANITARY PROFILE**  
Scale: Horiz. 1" = 30'  
Vert. 1" = 10'

11-15-85 Revise storm drain-WCPJr.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
Director: *John F. Nemy* DATE: 10-1-85

CHIEF, BUREAU OF ENGINEERING  
DATE: 9-20-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
County Health Officer: *John F. Nemy* DATE: 10-3-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
Planning Director: *John F. Nemy* DATE: 10-7-85

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
DATE: 10-4-85

OWNER:  
AMBERTON OBRECHT LIMITED PARTNERSHIP  
111 WATER STREET  
BALTIMORE, MARYLAND 21202  
PHONE: 837-1054

PROJECT:  
ROUTE ONE HUNDRED BUSINESS PARK  
BLOCK B PARCEL D-2  
HOWARD COUNTY MARYLAND

**SITE PLAN DETAILS**

MICHAEL J. WALKLEY, P.E.  
2 E. WHEELING STREET  
SUITE 400  
BALTIMORE, MARYLAND 21230  
PHONE: 837-0170

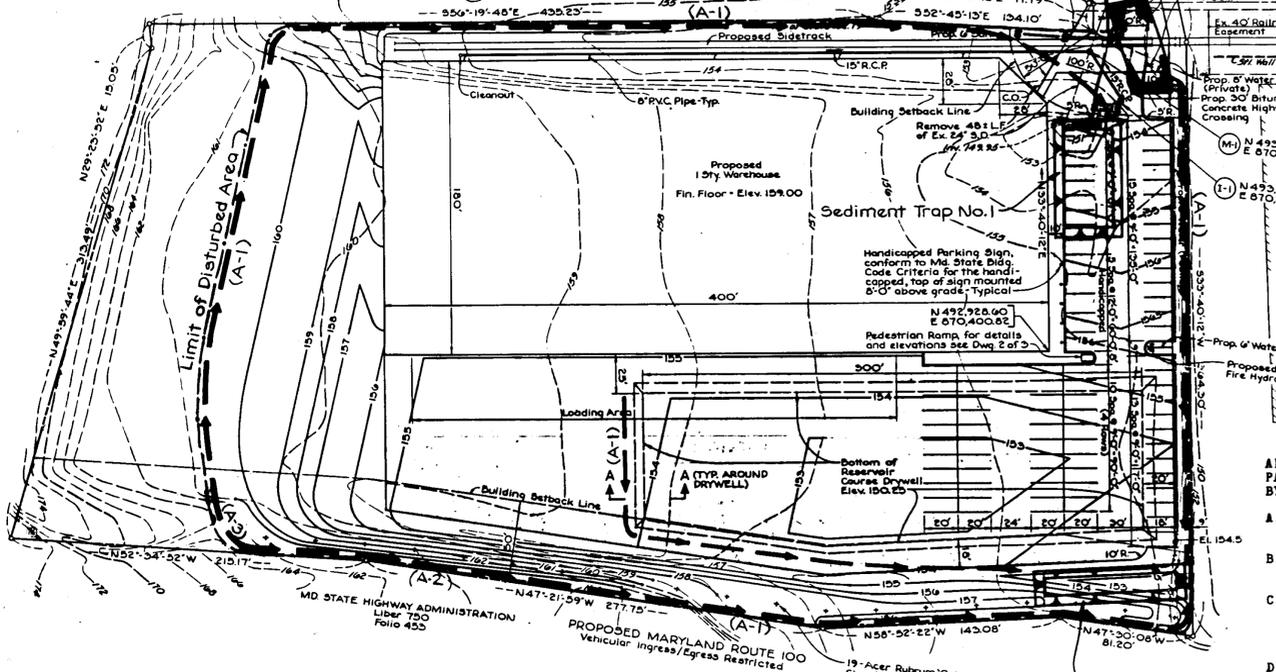
Scale: As Noted Date: 5-15-85 Dwg. No. 2 of 3



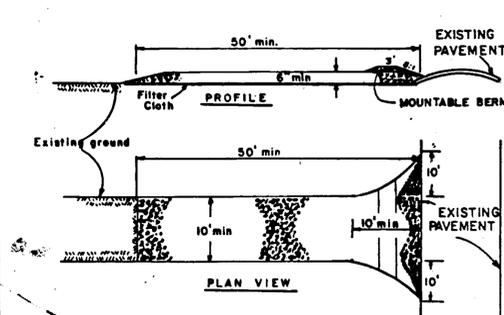
Rev. 7-3-85

**LEGEND**

- 155--- Existing Contour
- 155--- Proposed Contour
- Earth Dike
- ▭ Stabilize Construction Entrance
- ▭ Stone Outlet Sediment Trap
- Proposed Storm Drain
- Silt Fence



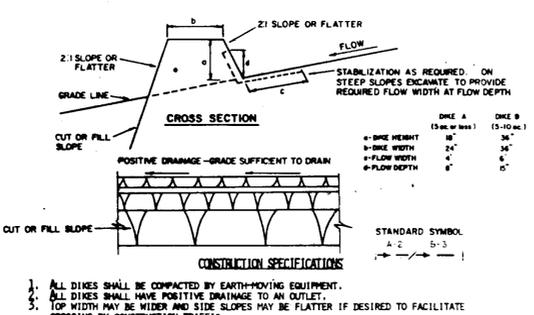
**PLAN**  
Scale: 1"=50'



**CONSTRUCTION SPECIFICATIONS**

- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mounded berm with 3:1 slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE**  
Not to Scale

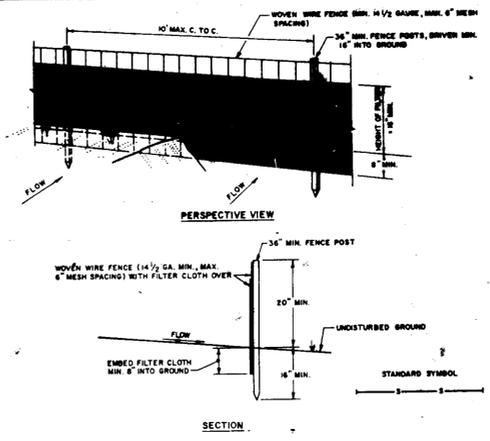


**FLOW CHANNEL STABILIZATION**

- | TYPE OF TREATMENT | CHANNEL GRADE | DIKE A                           | DIKE B                                      |
|-------------------|---------------|----------------------------------|---|
| 1                 | 5-3.0%        | SEED AND STRAW MULCH             | SEED AND STRAW MULCH                        |
| 2                 | 3.1-5.0%      | SEED AND STRAW MULCH             | SEED USING JUTE, OR EXCELSTOR 300; 2" STONE |
| 3                 | 5.1-8.0%      | SEED WITH JUTE, OR SOD; 2" STONE | LINED RIP-RAP 4-8"                          |
| 4                 | 8.1-20%       | LINED RIP-RAP 4-8"               | ENGINEERING DESIGN                          |
- STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
  - RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 3 INCHES THICKNESS AND PRESSED INTO THE SOIL.
  - APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
  - PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

**EARTH DIKE**  
Not to Scale

**STONE OUTLET SEDIMENT TRAP**  
Not to Scale



**CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
  - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
  - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN MUDGAGES DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARBORWOOD  
FENCE: WOVEN WIRE, 1/4" GA. 6" MAX. MESH OPENING  
FILTER CLOTH: FILTER X, MIRAFIL 1000, STABILINK 1100N OR APPROVED EQUAL.  
PREFABRICATED UNIT: GESPAN, ENVIRONMENTAL OR APPROVED EQUAL.

**SILT FENCE**  
Not to Scale

**TEMPORARY SEEDING**

- AREA TO BE SEEDDED SHALL BE RECENTLY LOOSENEED. IF THE GROUND IS PACKED, CRUSTED OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENEED BY DISKING OR RAKING OR OTHER ACCEPTABLE MEANS.
- APPLY 10-20-10 FERTILIZER OR EQUIVALENT AT THE RATE OF 600 LBS. PER ACRE OR 15 LBS. PER 1000 SQ. FT.
  - WHERE SOIL IS KNOWN TO BE HIGHLY ACID, APPLY DOLOMITIC LIMESTONE AT THE RATE OF 1 TON PER ACRE.
  - WORK BOTH INTO SOIL AND SEED WITH CYCLONE SEEDER, DRILL, CULTIPAKER SEEDER OR HYDROSEEDER (SLURRY WILL INCLUDE FERTILIZER) AT THE RATE OF 40 LBS. PER ACRE OF ITALIAN OR PERENNIAL RYEGRASS.
  - MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS, PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.

**PERMANENT SEEDING**

- FINAL STABILIZATION WILL TAKE PLACE AS SOON AS POSSIBLE AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:
- APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE (ONE TON PER ACRE IF APPLICATION OF TON PER ACRE WAS MADE TEMPORARY SEEDING).
  - APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE. HARROW OR DISC LIME AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3". LAWN OR HIGH MAINTENANCE AREAS WILL BE DRAGGED AND LEVELED WITH A YORK RAKE. AT THE TIME OF SEEDING APPLY 400 POUNDS OF 38-0-0 UREAFORM FERTILIZER AND 500 LBS. OF 10-20-20 OR EQUIVALENT FERTILIZER PER ACRE.
  - SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS @ 40 LBS PER ACRE; COMMON KENTUCKY BLUEGRASS @ 40 LBS PER ACRE; RED FESCUE, PENNLAWN OR JAMESTOWN @ 20 LBS. PER ACRE.
  - MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.
  - SEED ALL SLOPES WITH A MIXTURE OF CERTIFIED KENTUCKY 31 TALL FESCUE @ 50 LBS. PER ACRE AND INOCULATED CROWN VETCH @ 15 LBS. PER ACRE.

**SEDIMENT CONTROL NOTES**

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL; Storm Drainage.
- 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 seedings (Sec. 51) and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52.) Temporary stabilization with which alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:  
Total Area of Site: 5.89 Acres  
Area Disturbed: 3.20 Acres  
Area to be roofed or paved: 3.92 Acres  
Area to be vegetatively stabilized: 1.96 Acres  
Total Cut: 0 Cu. Yds  
Total Fill: 0 Cu. Yds  
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.

**SEQUENCE OF OPERATION**

DATE	DESCRIPTION
SEPT. 15, 1985	OBTAIN GRADING PERMIT
SEPT. 15, 1985	INSTALL SEDIMENT CONTROL DEVICES
OCT. 1, 1985	INSTALL STORM DRAINS AS NOTED MAINTAIN EXISTING 24" S.D. AS OUTLET OF TRAP
OCT. 15, 1985	CLEAR AND ROUGH GRADE SITE AND SEED AS PER TEMPORARY SEEDING NOTES
NOV. 7, 1985	CONSTRUCT BUILDING AND UTILITIES
MAY 15, 1986	PINE GRADE AND PAVE ROADWAY REMOVE PORTION OF EXISTING 24" S.D.
JUNE 7, 1986	PERMANENT SEED AS PER NOTES FOR ALL REMAINING AREAS
JULY 1, 1986	UPON APPROVAL BY THE SOIL CONSERVATION DISTRICT, ALL SEDIMENT CONTROL DEVICES SHALL BE REMOVED

**Sediment Trap No. 1**

Drainage Area - 3.4 Acres  
Crest Elevation - 152.0  
Bottom of Trap Elevation - 148.5  
Top of Berm Elevation - 153.5  
Outlet Elevation - 150.0 at exist. pipe invert  
Bottom Dimensions - 60'x30'  
Side Slopes - 2:1

**Sediment Trap No. 2**

Drainage Area - 1.8 Acres  
Crest Elevation - 153.0  
Bottom of Trap Elevation - 148.5  
Top of Berm Elevation - 153.5  
Outlet Elevation - 152.0  
Length of Outlet - 8 ft.  
Bottom Dimensions - 80'x12'  
Side Slopes - 2:1

REVIEWED FOR HOWARD s.c.d. Name  
AND MEETS TECHNICAL REQUIREMENTS.

James M. Kelly 9/13/85 DATE  
US SOIL CONSERVATION SERVICE

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

Stephen L. Fisher 9/13/85 DATE  
HOWARD S.C.D.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Walter J. Jones 10-1-86 DATE  
DIRECTOR

Walter J. Jones 9-28-85 DATE  
CHIEF, BUREAU OF ENGINEERING

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

James J. Jones 10-3-85 DATE  
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

James J. Jones 10-7-85 DATE  
PLANNING DIRECTOR

John W. Buchanan 10-4-85 DATE  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

OWNER: AMBERTON OBRECHT LIMITED PARTNERSHIP  
111 WATER STREET  
BALTIMORE, MARYLAND 21202  
PHONE: 837-1054

PROJECT: ROUTE ONE HUNDRED BUSINESS PARK BLOCK B  
HOWARD COUNTY PARCEL D-2  
MARYLAND

**EROSION AND SEDIMENT CONTROL PLAN**

MICHAEL J. WALKLEY, P.E.  
2 E. WHEELING STREET  
SUITE 400  
BALTIMORE, MARYLAND 21230  
PHONE: 837-0170

Scale: As Noted Date: 5-15-85 Dwg. No. 3 of 3

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 5/22/85  
LR/AMM



Rev. 9-6-85  
Rev. 8-6-85  
Rev. 7-3-85