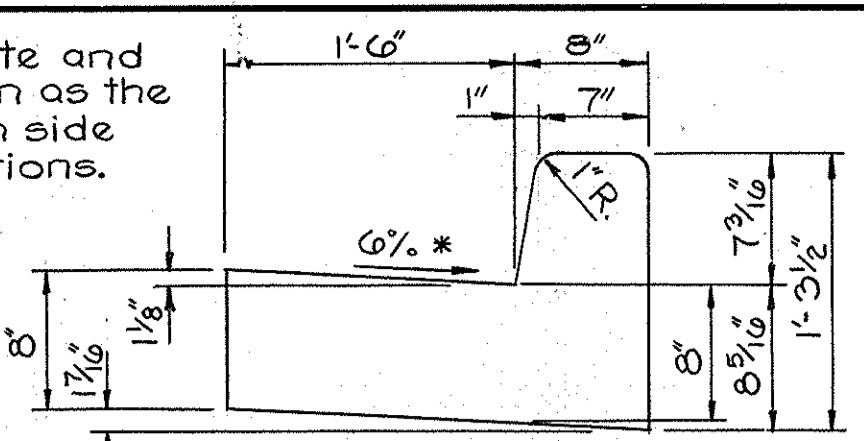
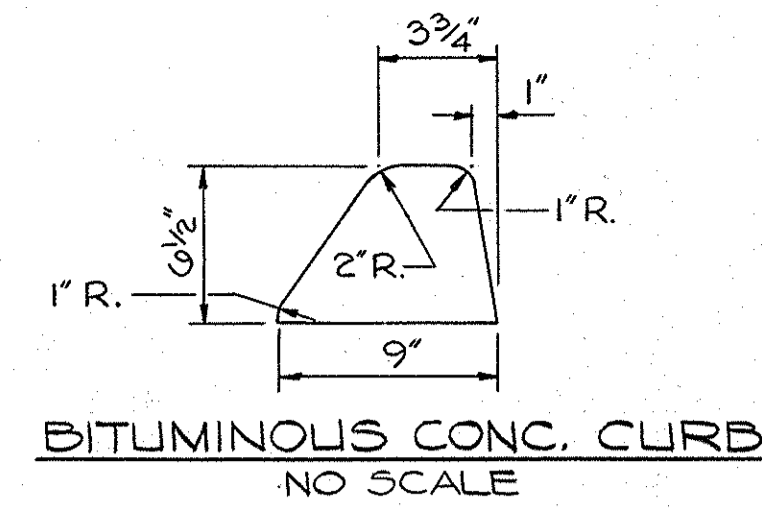


* Slope at the same rate and in the same direction as the pavement on the high side of superelevated sections.

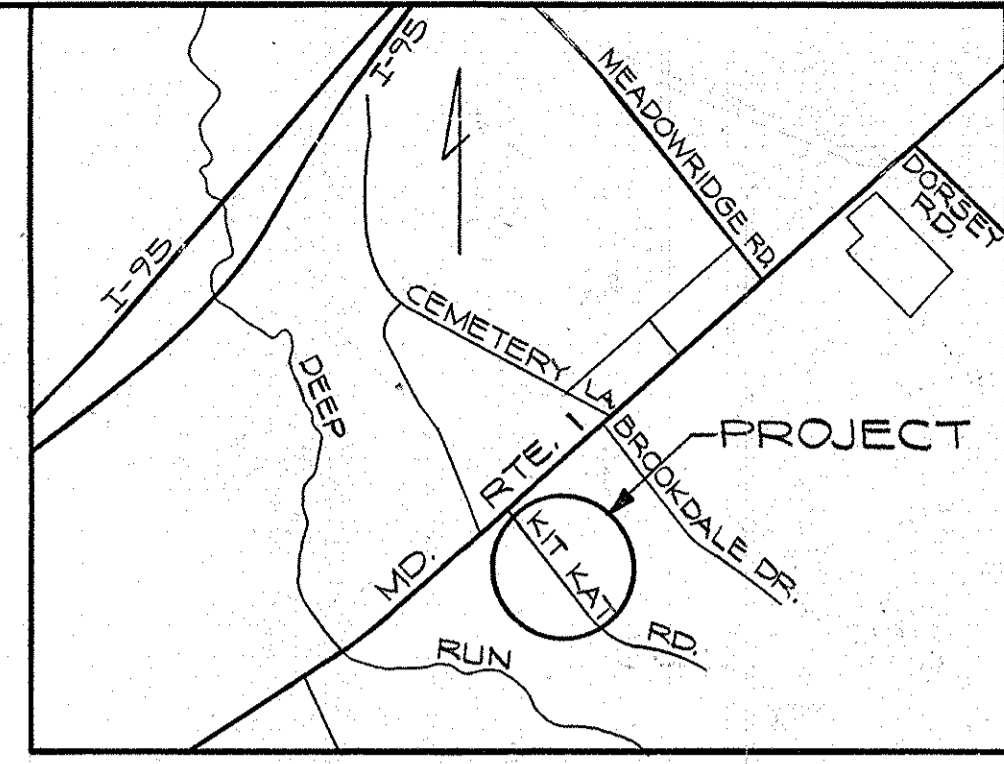
Note: The proposed warehouse is for storage only and will have no on-site employees. Any change in use shall require Office of Planning and Zoning approval.



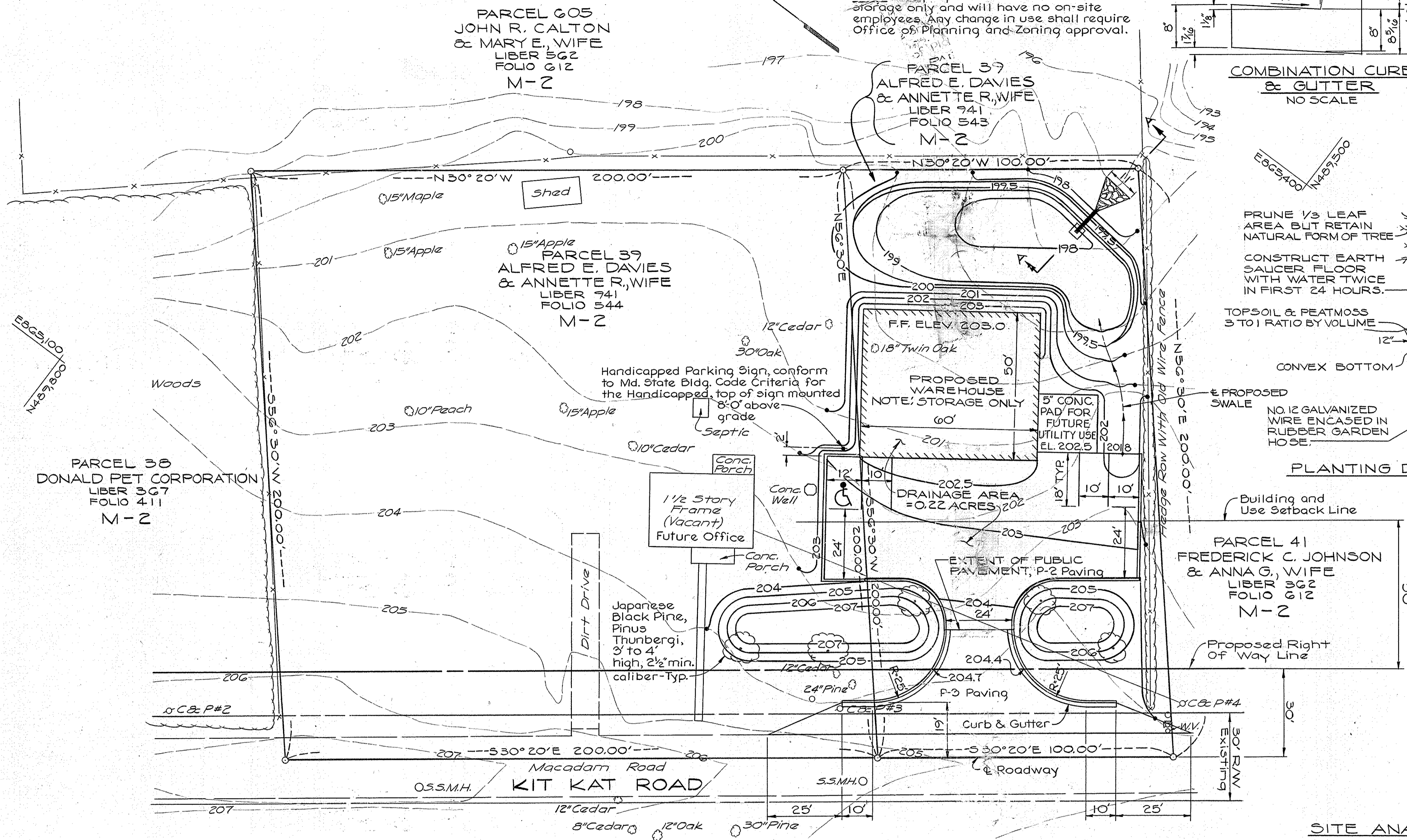
COMBINATION CURB & GUTTER
NO SCALE



BITUMINOUS CONC. CURB
NO SCALE



VICINITY MAP
NO SCALE



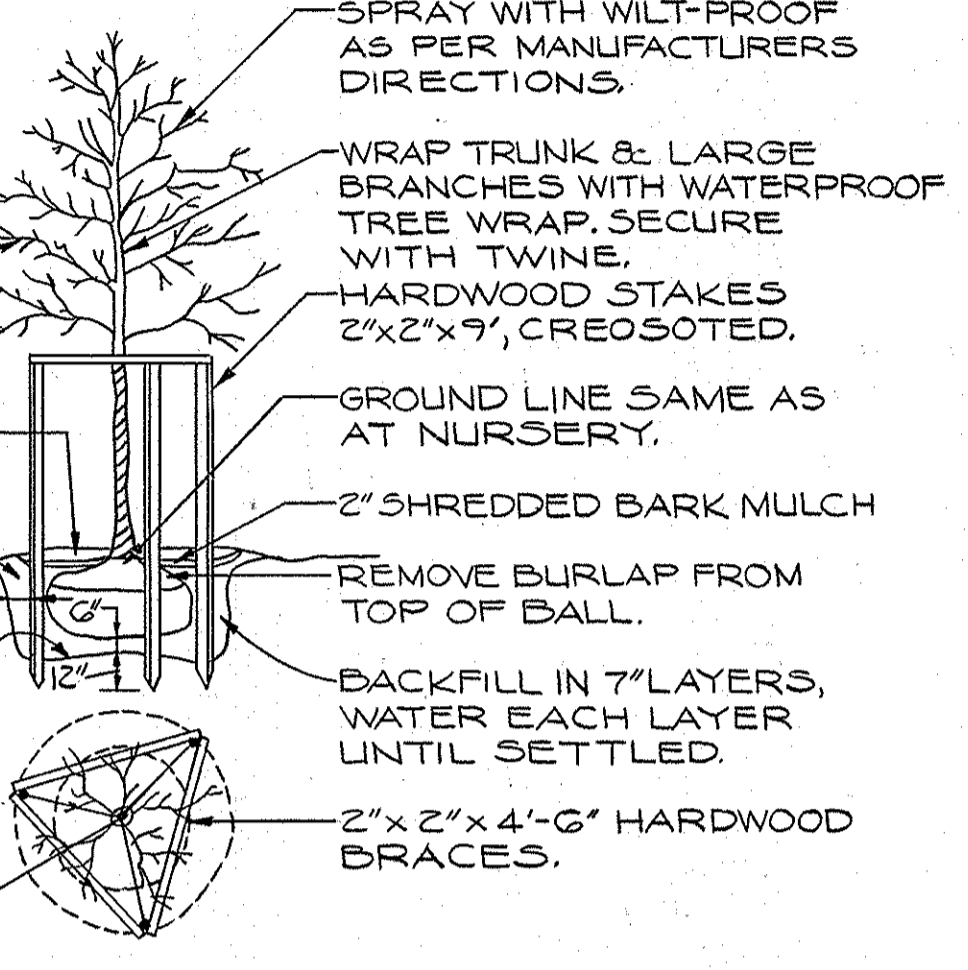
PRUNE 1/3 LEAF AREA BUT RETAIN NATURAL FORM OF TREE

CONSTRUCT EARTH SAUCER FLOOR WITH WATER TOWNS IN FIRST 24 HOURS.

TOPSOIL & PEATMOSS 3 TO 1 RATIO BY VOLUME

CONVEX BOTTOM

PROPOSED SWALE NO. 12 GALVANIZED WIRE ENCASED IN RUBBER GARDEN HOSE.



PLANTING DETAIL FOR TREES
NO SCALE

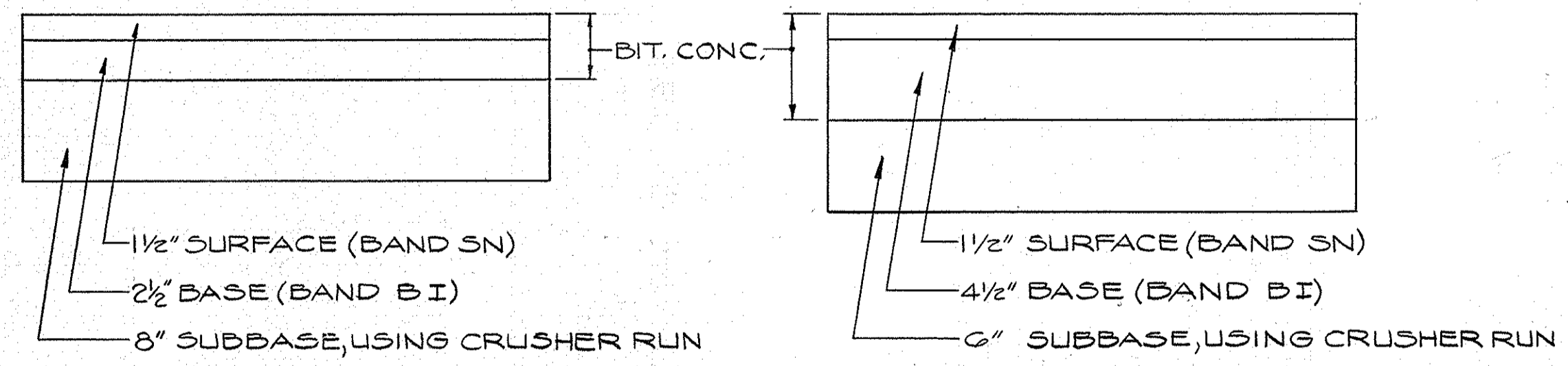
APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-8-82

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
<i>John B. ...</i>	10-22-82
COUNTY HEALTH OFFICER	DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
<i>Thomas L. ...</i>	10-25-82
DIRECTOR	DATE
<i>William ...</i>	10-28-82
CHIEF, DIVISION LAND DEVELOPMENT AND ZONING ADMINISTRATION	DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>Mark F. ...</i>	10-10-82
DIRECTOR	DATE
<i>William & ...</i>	10-19-82
CHIEF, BUREAU OF ENGINEERING	DATE
OWNER	
A. E. DAVIES 11800 BEL AIR RD. KINGSVILLE, MARYLAND 21087 PHONE: 592-9258	
PROJECT	
NEW WAREHOUSE	
AREA	
TAX MAP NO. 43 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE	
SITE PLAN	
MICHAEL J. WALKLEY, P.E. 1047 S. CHARLES ST. BALTIMORE, MARYLAND 21230 PHONE: 837-0170	
DATE	
9-28-82	
DEED NO. 941/543-544	
DESIGNED BY:	
DRAWN BY: R.V.B.	
PROJECT NO.:	
DATE: 9-27-82	
SCALE: 1" = 20'	
DRAWING NO. 1 OF 2	

SITE ANALYSIS

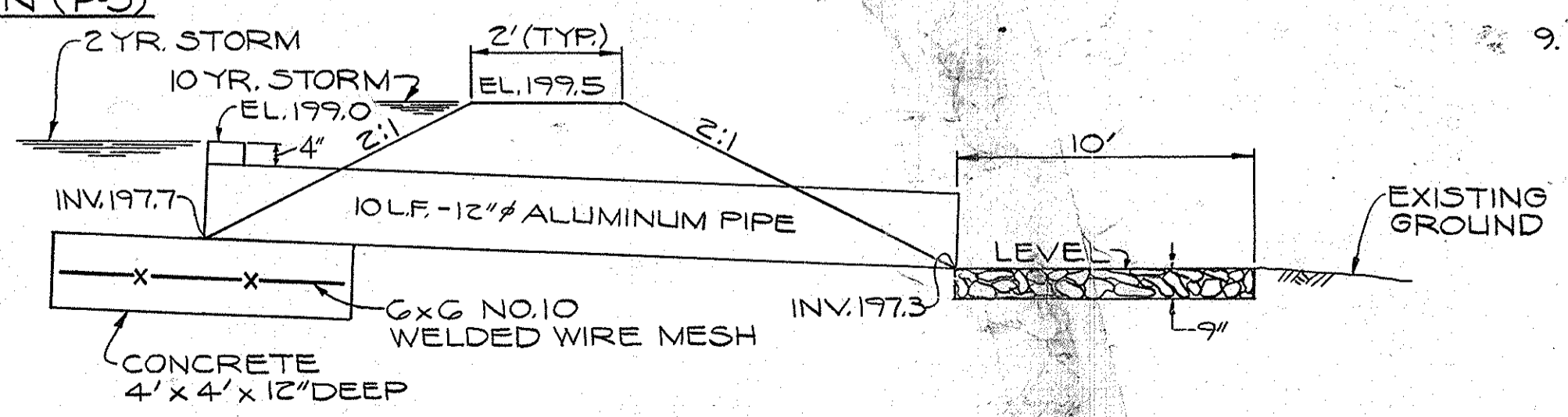
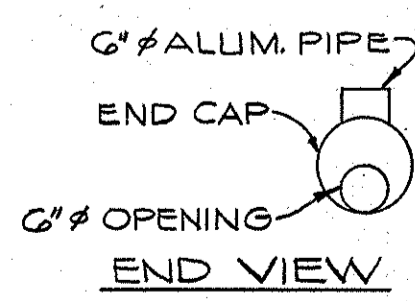
1. AREA: 1.38 ACRES
2. ZONING: M-2
3. FLOOR SPACE: 3,000 SQUARE FEET
4. EMPLOYEES, TENANT: AMOUNT = 0
5. PARKING SPACES REQUIRED BY HOWARD COUNTY ZONING AND PLANNING = 4
6. PARKING SPACES PROVIDED = 4
7. OPEN SPACE: 84% OF TOTAL SITE
8. BUILDING COVERAGE, INCLUDING EXISTING: 4400 SF, 7.3%
9. AREA TO BE REVEGETATED: 0.23 ACRES

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK, AT 992-2417 OR 2418.

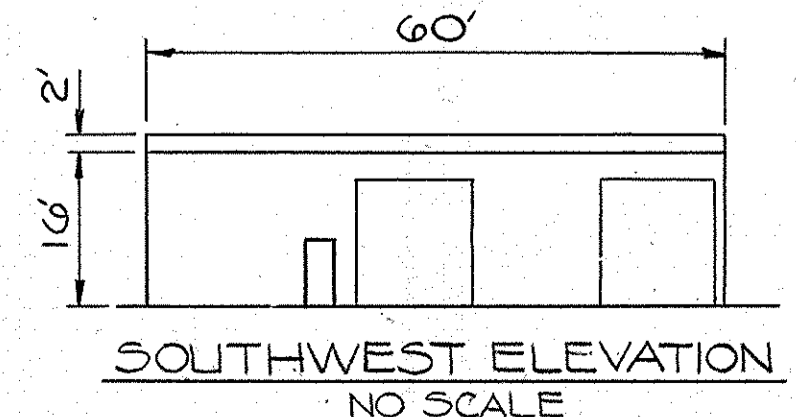


PRIVATE PAVEMENT SECTION (P-2) PUBLIC PAVEMENT SECTION (P-3)
NO SCALE

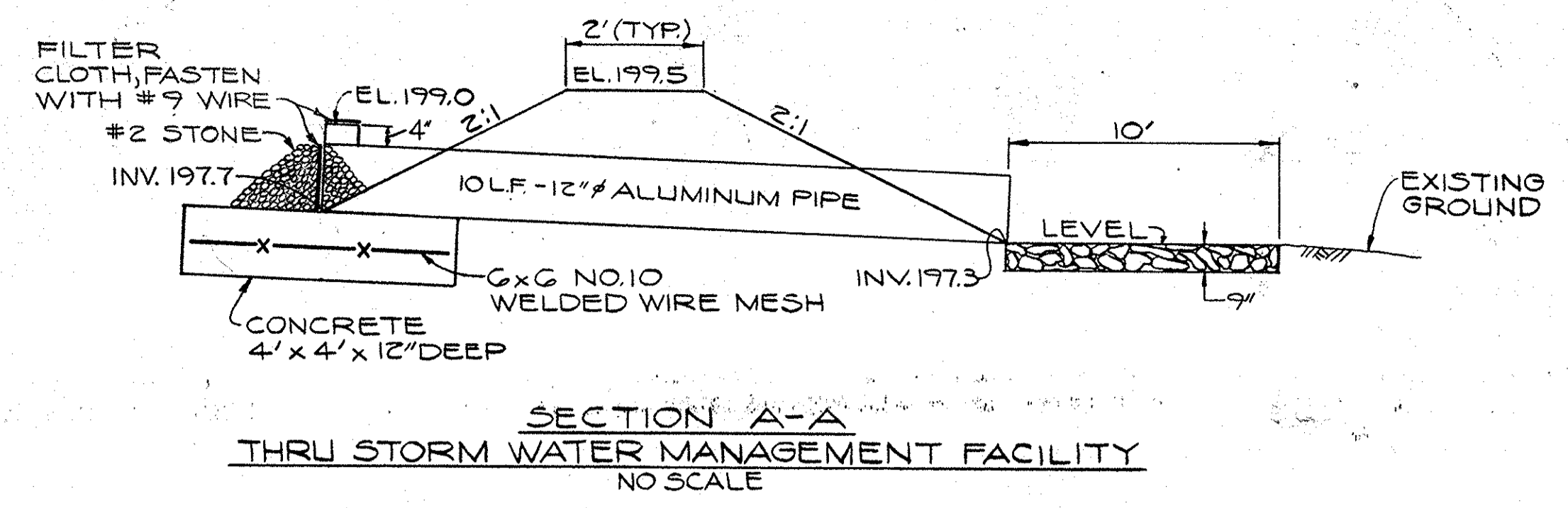
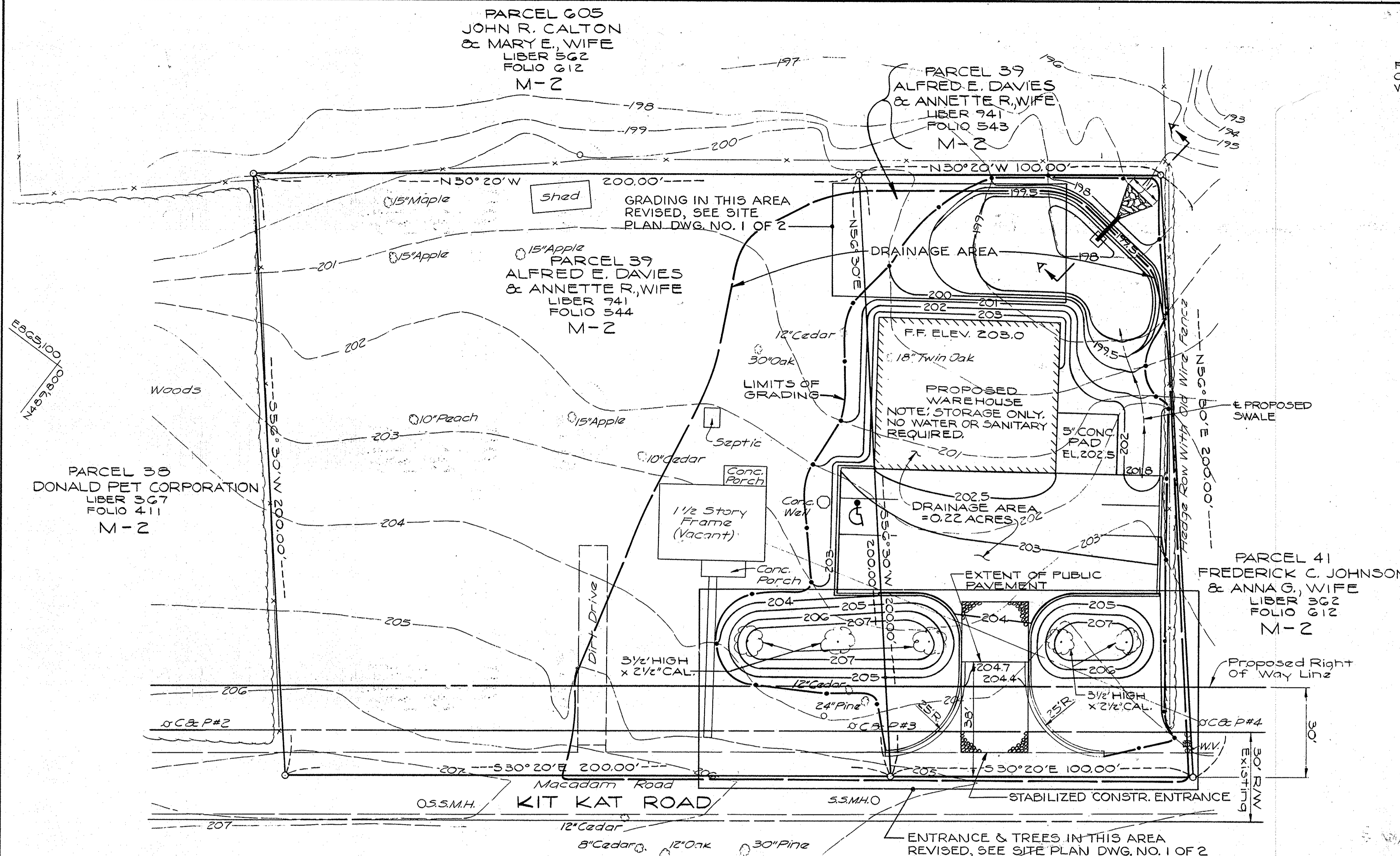
- NOTES:
1. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.
 2. A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.
 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.



SECTION A-A
THRU STORM WATER MANAGEMENT FACILITY
NO SCALE



SOUTHWEST ELEVATION
NO SCALE



SEDIMENT CONTROL CONSTRUCTION NOTES
GENERAL 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 (922-2070).
- ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
- SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
- ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCORDING TO THE TEMPORARY OR PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER.
- SEDIMENT WILL BE REMOVED FROM S.W.M.F. POND WHEN THE DEPTH REACHES THE CLEAN OUT ELEVATION SHOWN ON THIS PLAN.
- FERTILIZER AND LIME RATES MAY BE CHANGED THROUGH AUTHORIZATION BY THE HOWARD SOIL CONSERVATION DISTRICT IF SOIL TESTS DETERMINE A REDUCTION IN THE SPECIFIED RATES IS JUSTIFIED.
- ALL SEDIMENT CONTROL MEASURES 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.
- SEDIMENT CONTROL WILL BE INSTALLED BEFORE CLEARING AND GRUBBING REMAINDER OF SITE.

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 HYDRO-SEEDER (SLURRY WILL INCLUDE FERTILIZER) AT THE RATE OF 40 LBS. PER ACRE OF ITALIAN OR PERENNIAL RYEGRASS.
 - MULCH WITH UNWEATHER 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

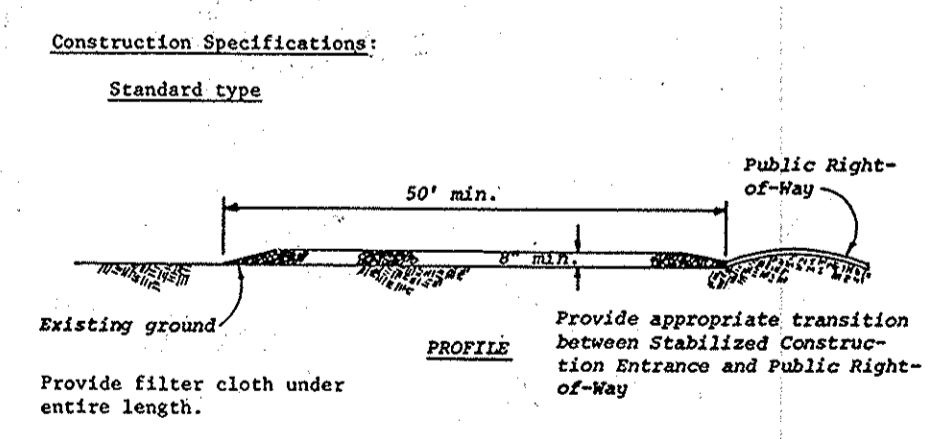
FINAL STABILIZATION WILL TAKE PLACE AS SOON AS POSSIBLE AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:

- APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE (ONE TON PER ACRE IF APPLICATION OF TON PER ACRE WAS MADE FOR TEMPORARY SEEDING).
- APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE. HARROW OR DISC LINE AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3". LAWNS 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.

SEQUENCE OF CONSTRUCTION

- OBTAIN A GRADING PERMIT
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- INSTALL STORM WATER MANAGEMENT FACILITY.
- INSTALL S.W.M.F. STONE AND CLOTH FILTER RISER-BARREL PROTECTION AND SEED PER TEMPORARY SEEDING NOTES.
- ROUGH GRADE SITE WITHIN LIMIT OF GRADING AND SEED PER TEMPORARY SEEDING NOTES.
- BACKFILL SHALL BE STABILIZED AS PER SEEDING NOTES AS SOON AS WEATHER PERMITS.
- COMPLETE EXCAVATION AND BACKFILL AROUND BUILDING AND STABILIZE PER TEMPORARY SEEDING NOTES.
- FINE GRADE AND PAVE ROADWAY.
- UPON APPROVAL BY THE SOIL CONSERVATION DISTRICT ALL SEDIMENT CONTROL FACILITIES SHALL BE REMOVED.

S.W.M.F. POND	DRAINAGE AREA	DISTURBED AREA	VOLUME		CREST ELEV.	BOTTOM ELEV.	CLEANOUT ELEV.
			REQ'D.	PROV.			
	0.75 AC.	0.45 AC.	30 C.Y.	115 C.Y.	199.5	197.7	198.2



- Stone size - Use MSHA size No. 2 (2-4" to 1") or AASHTO designation M43, size No. 2 (2-4" to 1-4"). Use crushed stone.
- Length - 50' minimum or as shown on plan.
- Thickness - Not less than eight (8) inches.
- Width - Not less than full width of all points of ingress or egress.
- Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
- 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.
- Periodic inspection and required maintenance shall be provided.

STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-8-82

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

John B. Jones 10-24-82
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

John L. Harris 10-25-82
DIRECTOR DATE

William A. Brown 10-28-82
CHIEF, DIVISION LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

John F. Nunnery 10-20-82
DIRECTOR DATE

William E. P. ... 10-19-82
CHIEF, BUREAU OF ENGINEERING DATE

By the Developer:
"I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project."
Alfred E. Davies 9-28-82
Signature of Developer Date
Print name below signature

By the Engineer:
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
John L. Harris 9-28-82
Signature of Engineer Date
Print name below signature

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements.
John L. Harris 10-18-82
U.S. Soil Conservation Date
Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
William J. Rose 10-18-82
Howard S.C.D. Date

OWNER
A. E. DAVIES
11866 BEL AIR RD.
KINGSVILLE, MARYLAND
21087 PHONE: 592-9258

PROJECT
NEW WAREHOUSE

AREA
TAX MAP NO. 43
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE
DRAINAGE AREA MAP
STORM WATER MANAGEMENT
& SEDIMENT CONTROL PLAN

MICHAEL J. WALKLEY, P.E.
1047 S. CHARLES ST.
BALTIMORE, MARYLAND
21230 PHONE: 857-0170

9-28-82
DATE
DEED NO. 941/543-544
DESIGNED BY:
DRAWN BY: R.V.B.
PROJECT NO.:
DATE: 9-27-82
SCALE: 1" = 20'
DRAWING NO. 2 OF 2

