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

HEALTH OFFICER — DATE 10-25-78

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DIRECTOR — DATE 10-26-78

CHIEF, DIVISION OF LAND DEVELOPMENT — DATE 10-26-78

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

DIRECTOR — DATE 10-18-78

CHIEF BUREAU OF ENGINEERING — DATE 10-17-78

Reviewed for Howard County S.C.D. and meets Technical Requirements.

C. Wayne Riley — Date 10-10-78
Signature
U.S. Soil Conservation Service

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

Approved: HES EAP — Date 10-10-78
Howard S.C.D.

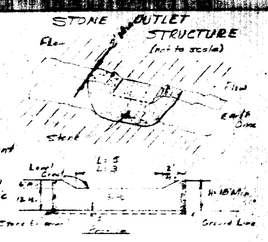
SCE CONSTRUCTION SPECIFICATIONS

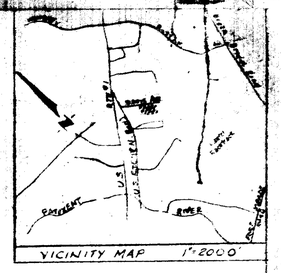
1. Stone size use M.S.H.A. size No. 2 (2½"-1½") or AASHTO designation M43, size No. 2, (2½"-1½") use crushed stone.
2. Length - as effective but not less than fifty feet.
3. Thickness - not less than eight inches
4. Width - not less than full width of all points of ingress and egress
5. Washing - when necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right of way.
6. Maintenance - the entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights of way.

SEEDING AND MULCHING

1. Seed Mixture - Birdsfoot trefoil (w/ triple innoculated (10 lbs/ac.) and weeping lovegrass (2 lbs/ac)
2. Straw Mulch @ 90 lbs per 1000 square feet
3. Mulch to be anchored with biodegradable plastic netting.

STONE OUTLET STRUCTURE (not to scale)





SITE ANALYSIS

TOTAL AREA	2.0002 AC.
AREA TO BE DISTURBED	0.4734 AC.
IMPERVIOUS AREA	1.5860 AC.
REVEGETATED AREA	0.0264 AC.

AREA OF BUILDINGS

EXIST BUILDING	22,550 ft
NEW ADDITION	10,200 ft
TOTAL	32,750 ft

STONE OUTLET STRUCTURE CONSTRUCTION SPECIFICATIONS

1. The stone shall be crushed stone. Gravel may be used if crushed stone is not available. The stone shall meet M.S.H.A. standards or AASHTO designation M43 size No. 2 or 3.
2. The crest of the stone dike shall be at least six inches lower than the lowest elevation of the top of the earth dike and shall be level.
3. The stone outlet structure shall be embedded into the soil a minimum of 6 inches.
4. The minimum length in feet of the crest of the stone outlet structure shall be equal to the maximum area in acres draining to the structure.
5. The stone outlet structure shall be inspected after each rain and the stone shall be replaced when the structure ceases to function as intended due to silt accumulation among the stone, without compromising safety.

Construction Sequence

1. Obtain grading permit
2. Prepare stone outlet structure and stabilized construction entrance
3. Construct straw bale dike and earth berm
4. Excavate and pour footings
5. Construct walls to first floor elevation and fill inside and backfill footings.
6. Place floor of building
7. Complete building construction
8. Construct level spreader and
9. Seed and mulch disturbed areas not paved.

GENERAL NOTES

1. Elevations shown hereon were established from an assumed datum approx. 80 ft below the Phase II Howard County Datum.
2. Variance petition approved July 13, 1973 for 61 ft restriction line along S.W. side of bldg. (Case No. 312-C).
3. Number of employees - 40
   Office Employees - 10
   Warehouse Employees - 30
4. There is no Retail Sales Space in the building
5. Outside light fixtures to be Mario Mercury Vapor 175 Watt lamps mounted on building and shining on bldg. walls (not into resident's lares)
6. Planting on south side of building to be 2½ caliper evergreens planted every 10 feet.
7. See Sheet 2 for Grading and Storm Drainage
8. Roof Storm water to be controlled discharge at 0.24 cfs. Controlled by 2 Josam Model 4514 roof drains calibrated at 33 g.p.m.

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.

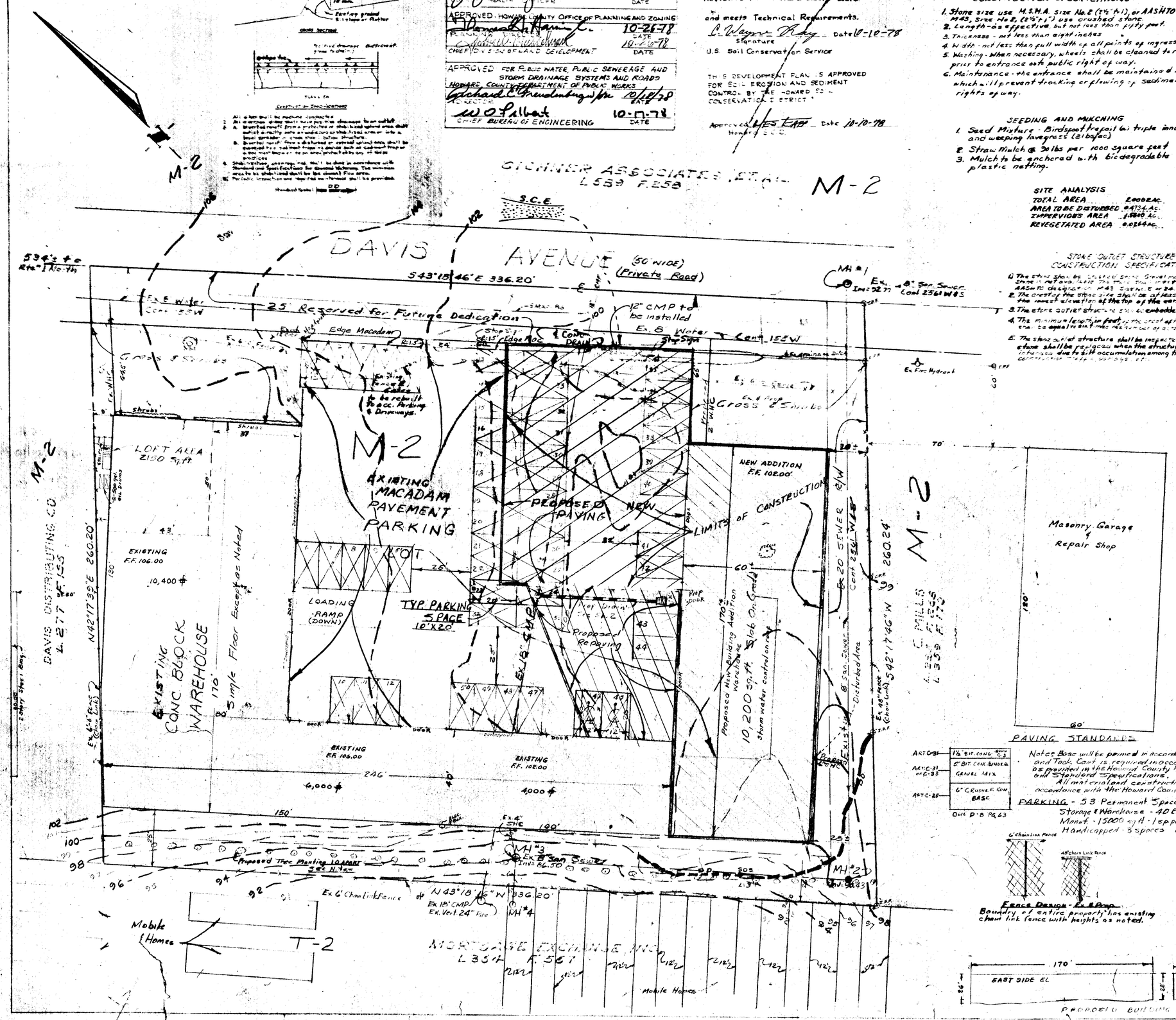
Jack E. Clark — Engineer — 9/2/77

I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary.

Dennis W. Schaaf — Owner — 9/7/77

9-14-78

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 9-20-78



PAVING STANDARDS

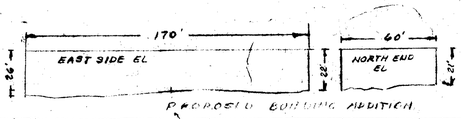
ART C-31	1½" BIT. CONC. SURF. C-3
ART C-31 & C-33	5" BIT. CONC. BINDER & GRAVEL MIX
ART C-25	6" CRUSHER RUN BASE

Over D-8 Pg. 63

Note: Base will be primed in accordance with Section C-30-3 and Tack Coat is required in accordance with Section C 31-4 as provided in the Howard County Road Construction Code and Standard Specifications.
All material and construction methods shall be in accordance with the Howard County Construction Code.

PARKING - 53 Permanent Spaces (Sec. 123.B3)
Storage & Warehouse - 40 Emp. - 1 Sp per 2 emp. - 20 sp.
Manuf. - 15000 sq.ft. - 1 sp per 500 sq.ft. - 30 sp.
Handicapped - 3 spaces 1-45-46

FENCE DESIGN - E & P Prop.
Boundary of entire property has existing chain link fence with heights as noted.



SITE PLAN
BUILDING ADDITION
S & H CARPETING INC.
DAVIS AVENUE
Sixth Election Dist.
LAUREL
HOWARD COUNTY, MD.

SCALE: 1" = 20' — DECEMBER, 1976
TAX MAP 50 — PARCEL NO. 422
Total Area = 2.0002 ac±
Rev - 1/10/77 - JEC
Rev - 12/5/77
Rev - 4/5/78 — Rev - 8-11-78
Owner: Dennis W. Schaaf, et ux. Liber CMP 691 F. 623
Developer: 9381-A DAVIS AVE
LAUREL, MD. 20810

PREPARED BY
THE J. E. CLARK CO.
938 Nichols Dr.
Laurel, Md. 20810

Sheet 1 of 2

SDP-78-38

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

COUNTY HEALTH OFFICER	10-25-78 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR	10-26-78 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	10-26-78 DATE

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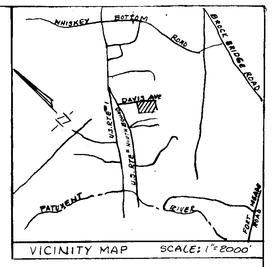
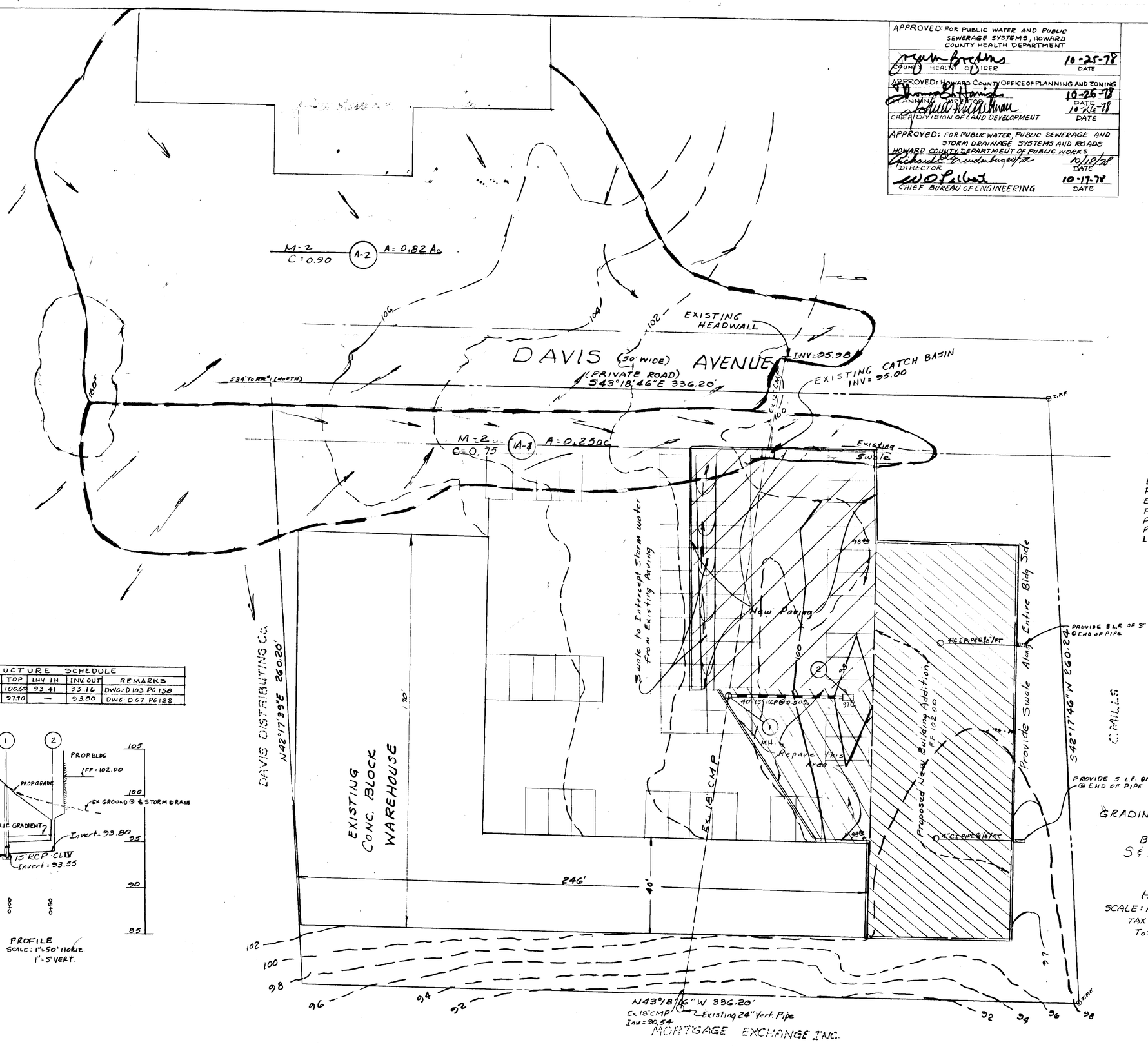


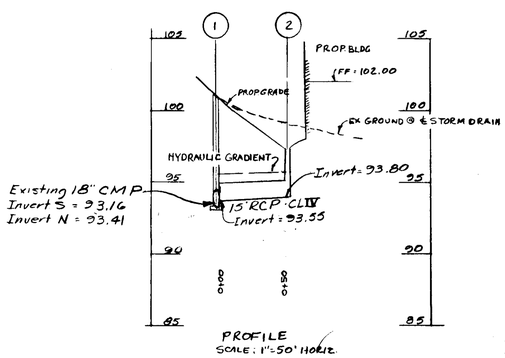
VICINITY MAP SCALE: 1"=2000'



Existing Storm Drain — Ex 18" CMP
Proposed Storm Drain
Existing Grade — 102
Proposed Grade — 100
Proposed Manhole
Proposed Catch Basin
Limits of Drainage Area

Site Analysis
Total Area = 2.0002 ac.
Area to be Disturbed: 0.4734 ac.
Impervious Area = 1.5800 ac.

STRUCTURE SCHEDULE					
NO.	TYPE	TOP	INV IN	INV OUT	REMARKS
1	MANHOLE	100.65	93.41	93.16	DWG: D103 PG 158
2	"E" INLET	97.70	—	93.80	DWG: D67 PG 122



PROFILE
SCALE: 1"=50' HORIZ.
1"=5' VERT.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 9-20-78

GRADING & STORM DRAIN PLAN
FOR
BUILDING ADDITION
S & H CARPETING INC.
DAVIS AVENUE
Sixth Election Dist.
LAUREL
HOWARD COUNTY, MD.
SCALE: 1"=20' JULY, 1978
TAX MAP 50 PARCEL No. 422
Total Area = 2.0002 ac.±

Jack E. Clark
RLS No. 4379

PREPARED BY
THE J.E. CLARK Co.
938 Nichols Dr.
Laurel, Md. 20810

Sheet 2 of 2
SDP-78-38

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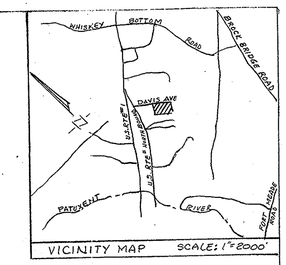

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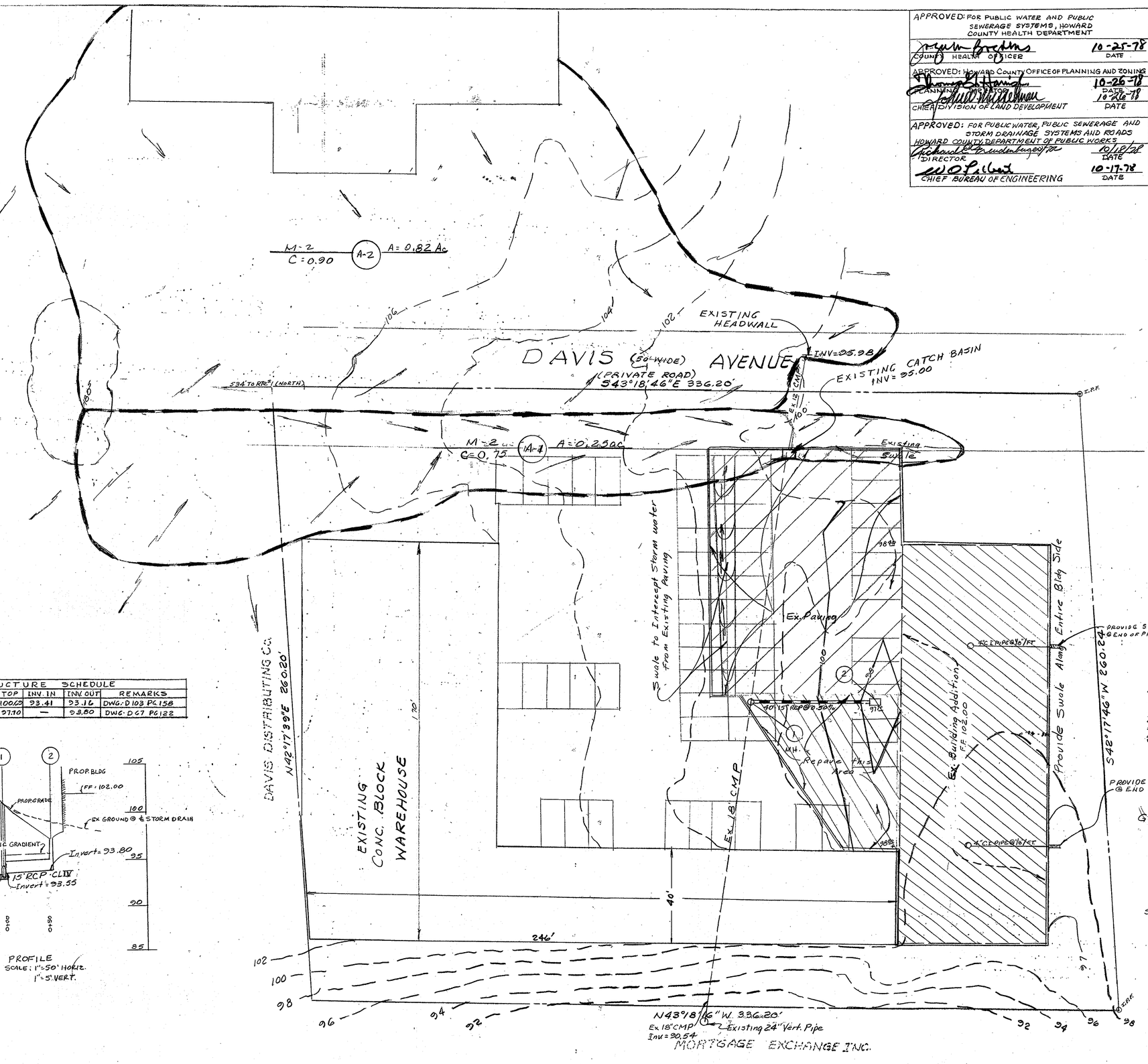

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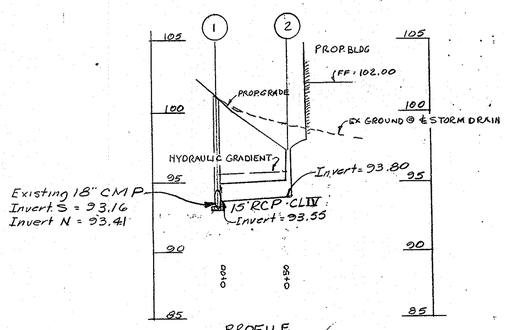

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Reviewed for Howard County S.C.D. and meets Technical Requirements.

C. Wayne Gray Date 10-10-78
Signature
U.S. Soil Conservation Service

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Approved: Wes Kapp Date 10-10-78
Howard S.C.D.

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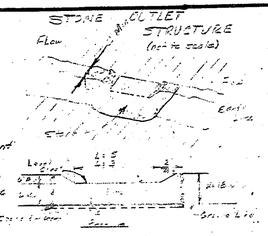
STONE OUTLET STRUCTURE
(not to scale)
Flow
Elev
Elev
Elev
Elev
Elev
Length
Elev
Elev
Elev
Elev
Elev