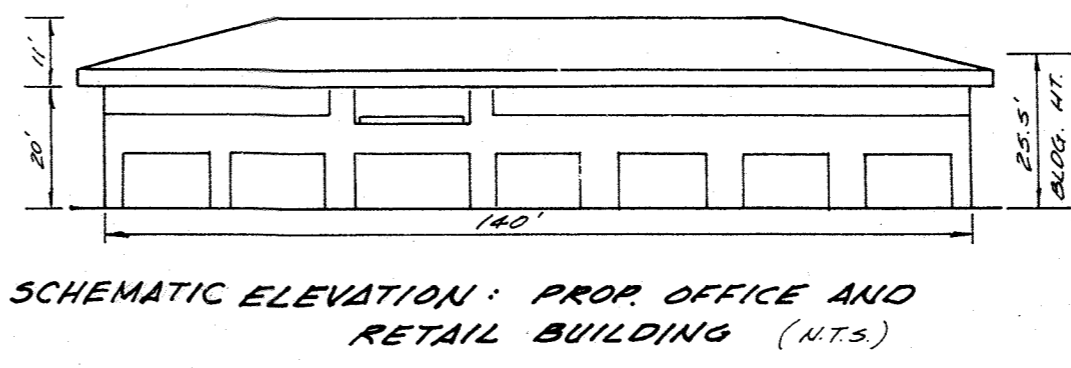
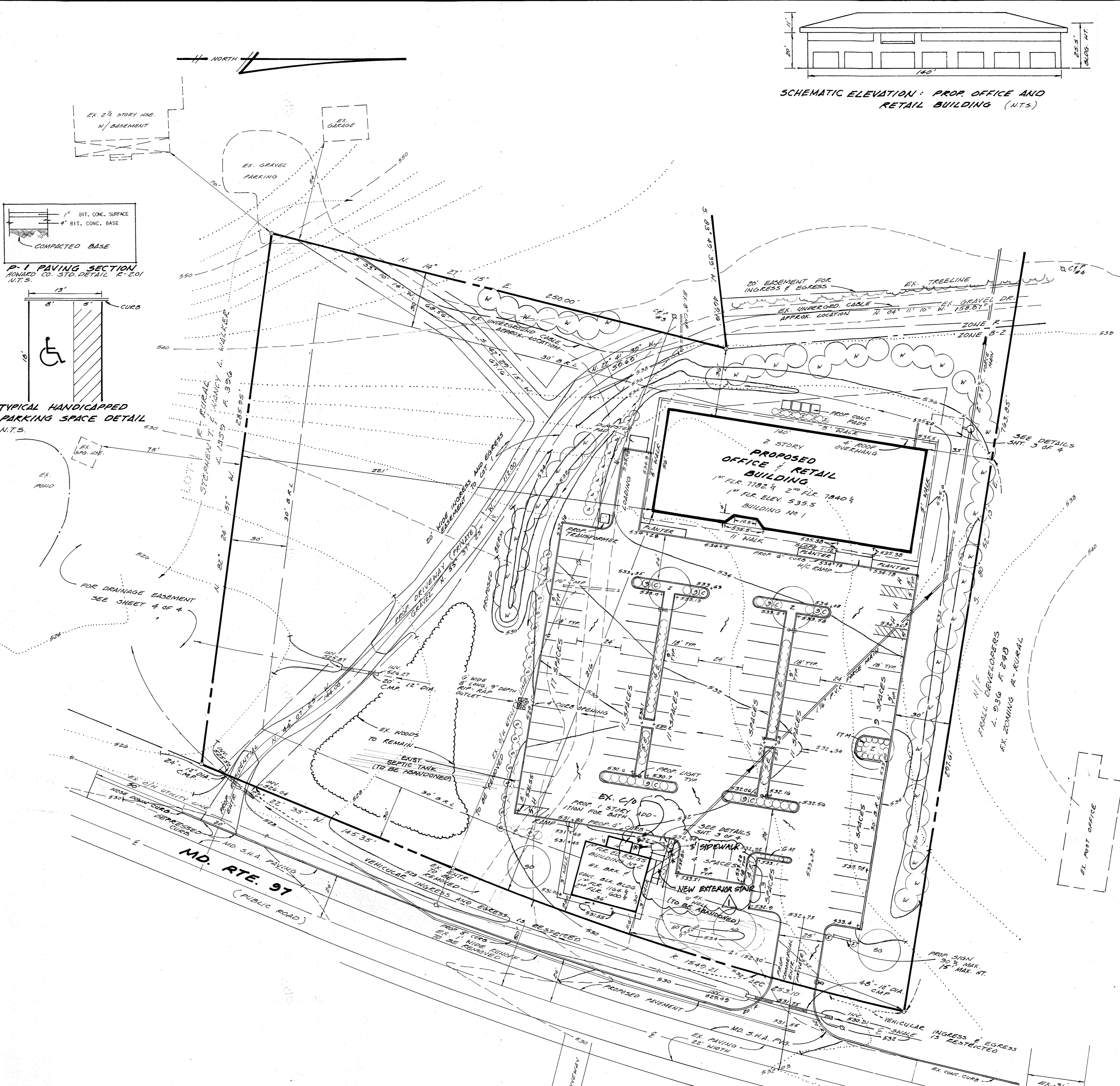


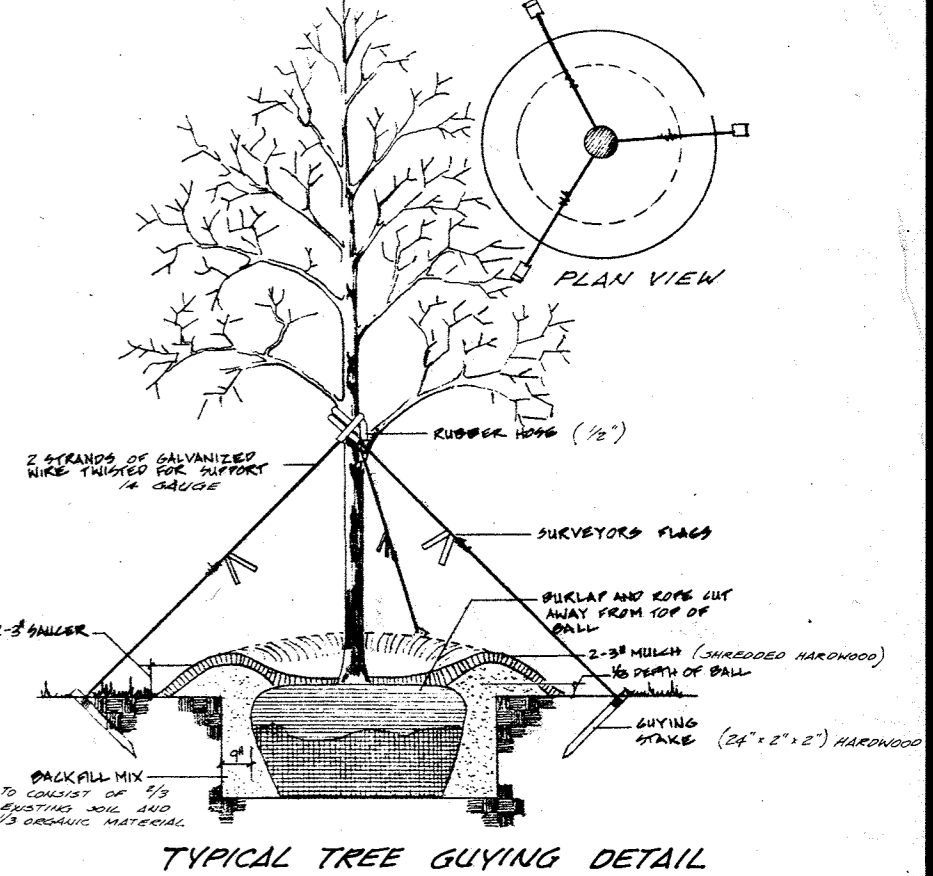
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.  
 APPROVED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
 APPROVED FOR LAND DEVELOPMENT & ZONING ADMINISTRATION.



| KEY | QTY | PLANT LIST   | SIZE                   | COND.            |
|-----|-----|--|------------------------|------------------|
| SG  | 4   | Liquidambar styraciflua Sweetgum                   | 2 1/2"-3" cal. 12'-13' | B&B              |
| W   | 56  | Pinus strobus White Pine                           | 7'-8" 2 1/2" cal.      | B&B              |
| A   | 15  | Viburnum dentatum                                  | 24"-30"                | B&B              |
| D   | 38  | Cotoneaster divaricatus Spreading Cotoneaster      | 18"-24"                | B&B or container |
| C   | 30  | Cotoneaster adpressa praecox Early Cotoneaster     | 15"-18"                | container        |
| E   | 42  | Viburnum opulus compactum European cranberry bush  | 18"-24"                | B&B or container |
| Z   | 3   | Zelkova serrata 'Village Green' Green vase zelkova | 13'-15" 2 1/2"-3" cal. | B&B              |
| I   | 12  | Ilex glabra 'Compacta' Dwarf inkberry              | 15"-18"                | container        |
| M   | 23  | Liriope muscari 'Majestic' Lily turf               | quart                  | container        |

**LANDSCAPE NOTES**

- General Notes
  - The Landscape Contractor shall verify all quantities of plant material shown on the plan in the plant list, and shall provide and plant all material in accordance with the plan.
  - Any change in the type, size or quantity of plant material by the Landscape Contractor must be approved by the Landscape Architect prior to installation.
  - All plant materials must be nursery grown and meet all the qualitative criteria established by the American Standard for Nursery Stock specifications published by the American Association of Nurserymen.
  - All shade trees shall have a clear trunk of at least 5 feet above finished grade.
- Tree & Shrub Planting Specifications
  - All planting islands are to have a minimum 18" depth of clean soil for the entire area of the island; clean soil must include existing on-site soil, but must be free of petroleum or other chemical substances, blue stone, and debris over 1 1/2" diameter.
  - All group plantings are to be planted into prepared planting beds. The outline of each bed will be a smooth continuous line. The entire area within the outlined bed shall be thoroughly loosened to a depth of 7". All unsuitable debris and material greater than 1 1/2" shall be removed from the site. A 3" layer of organic material shall be thoroughly cultivated into the bed area. The shrubs will be set in the bed slightly higher than their original grade. The entire bed area is to receive 2" of mulch.
  - All mulch is to be shredded hardwood, exclusively.
  - THE LANDSCAPE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 550-0000 TO VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD BEFORE PROCEEDING WITH THE INSTALLATION OF ANY PLANTING.



**SITE ANALYSIS**

- Area of Parcel: 4,9555 Ac. or 215,859,627 sq. ft. B-2 AREA: 2,90 AC. or 126,406 sq. ft.
- Present Zoning: R and B-2, SUBJECT TO VP 87-35
- Floor Space Building No. 1: 1st Floor Retail 2500 sq. ft., 1st Floor Office 5282 sq. ft., 2nd Floor Office 7840 sq. ft., Building No. 2: Office 1848 sq. ft.
- Maximum No. Retail Employees: 15, Maximum No. Office Employees: 55
- 87 Parking Spaces Required, 87 Parking Spaces Provided WHICH INCLUDES 4 HIC SPACES
- Open Space to Remain on Site: 160 Ass. or 58,282 sq. ft.
- Building Coverage of Site: 9030 sq. ft. or 7.611
- Landscaped Island Area: 6222 sq. ft. (50% Parking)
- TOTAL PARKING AREA: 33,313 sq. ft.
- TOTAL FLOOR SPACE IN BUILDING 1: 15,622 sq. ft., TOTAL FLOOR SPACE IN BOTH BUILDINGS: 17,470 sq. ft.

- NOTES**
- Drive and parking area paving to consist of a 2" Bituminous Paving, 4" Base Course and 1" Surface Course over a well compacted base
  - S.H.A. paving to be 3" (nominal) Bituminous Concrete Surface in 2-1 1/2" layers utilizing a SN mixture plus 5" (nominal) Bituminous Concrete Base on 6" gravel.
  - Reference VP-87-35, Goldsmith Property regarding relocation of commercial and residential entrances.
  - Topography is field run based on Howard County B.N. #333002 Contour interval is 2 feet.
  - Existing pond to be used for Storm Water Management Facility.
  - EXISTING WELL AND EXISTING SEPTIC TANK TO BE ABANDONED

**ADDRESS CHART**

| BUILDING NUMBER | STREET ADDRESS                 |
|-----------------|--------------------------------|
| BLDG. 1         | 3050 RT. 97 ROXBURY MILLS      |
| BLDG. 2         | 3060 RT. 97 ROXBURY MILLS ROAD |

**SUBDIVISION NAME** GOLDSMITH PROPERTY **SECT./AREA** LOT/PARCEL # PARCEL A-1  
**PLAT # OR LIT BLOCK #** 7357 **ZONE** B-2 **TAX/ZONE MAP** 14 **ELEC. DIST.** 4TH **CONDE. PR.** 6040  
**WATER CODE** WELL **SEWER CODE** SEPTIC

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 7-31-87

**REVISIONS**

| NO. | DATE    | DESCRIPTION        |
|-----|---------|--------------------|
| 1   | 9-12-87 | ADD EXTERIOR STAIR |

**OWNER / DEVELOPER:**  
 GLENWOOD ASSOCS. LTD. PARTNERSHIP  
 % STEPHEN T. WALKER  
 3060 WASHINGTON RD.  
 P.O. BOX 190  
 GLENWOOD, MD. 21738  
 PHONE: (301) 854-6809

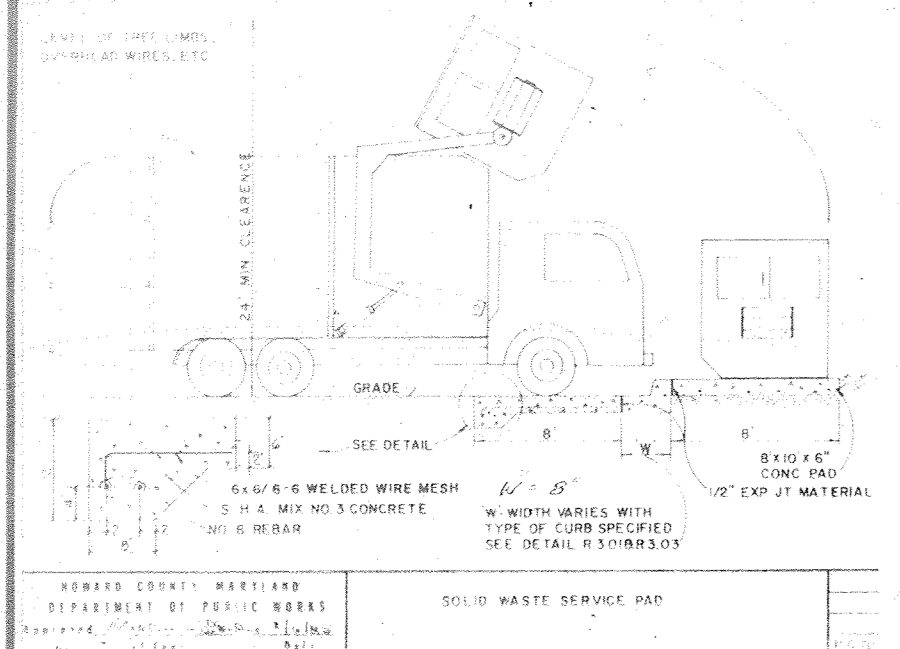
**REVISED:**  
 7/1/87: LANDSCAPE, SITE ANALYSIS, PAVING, PER COMMENTS  
 7/31/87: LANDSCAPE PER COMMENTS  
 8/1/87: PER COMMENTS

**SITE DEVELOPMENT PLAN**  
 PARCEL A-1  
 GOLDSMITH PROPERTY PLAT # 7357  
**GLENWOOD ASSOCIATES BUILDING**  
 3060 WASHINGTON ROAD (MD. RTE. 97)  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE 1" = 30' FEBRUARY 1987  
 TAX MAP 14 PARCEL 224

**SHELADIA Associates, Inc.**  
 CONSULTING ENGINEERS  
 310 A South Main Street, Mt. Airy, Md. 21771  
 (301) 829-2890

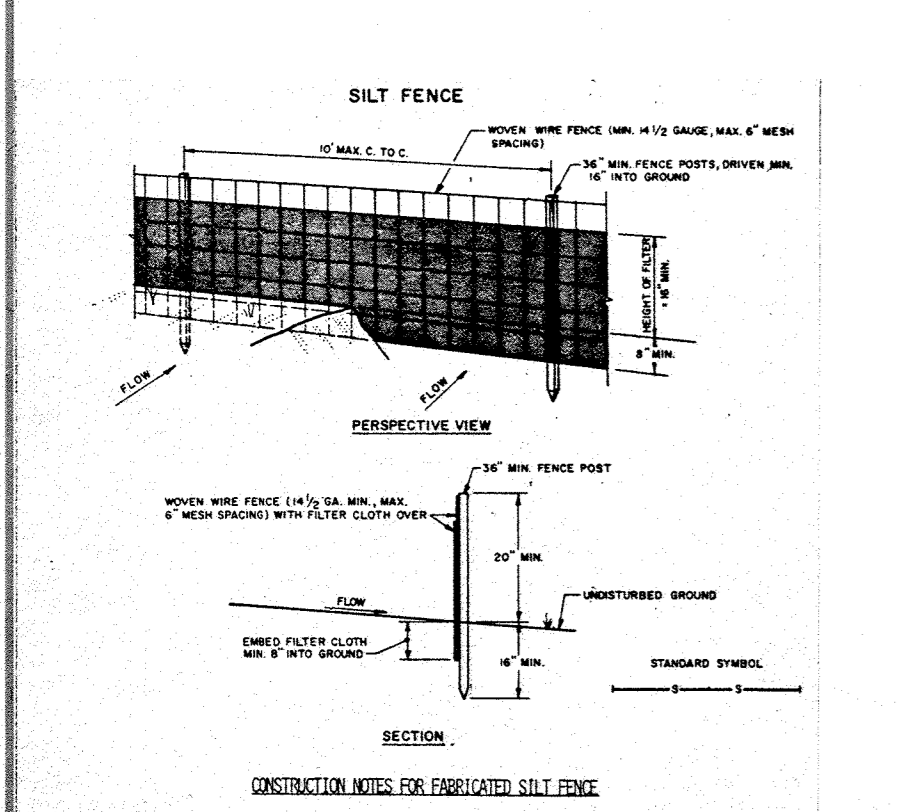
2/24/87  
 JOB NO. 251-743 SHEET 1 OF 4  
**SDP-87-162**





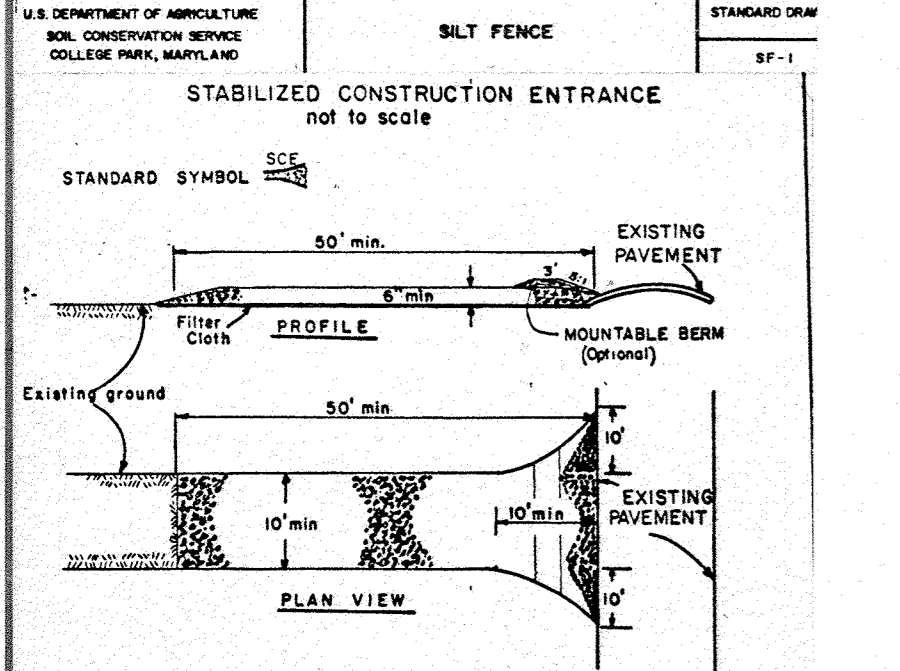
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. Move wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to wood wire fence with wire staples every 24" at top and mid section.
3. Mesh the sections of filter cloth. Section of filter cloth shall be overlapped by six inches and folded.
4. Maintenance shall be performed as needed and material provided. Material shall be replaced as needed.



CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 3" stone, or recycled concrete equivalent.
2. Length - As required, but not less than 10 feet (except on a slope resistance lot where a 30 foot minimum length would apply).
3. Thickness - Not less than 4(1) inches.
4. Width - Ten (10) feet minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable beam with 211 slopes will be permitted.
6. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and regular cleaning of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately.
7. Washing - 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 stone and which drains into an approved sediment trapping device.
8. Periodic inspection and needed maintenance shall be provided after each rain.



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REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

*James M. Helm* 9-3-87 DATE

U.S. SOIL CONSERVATION SERVICE

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

*Stephen P. Helm* 9/3/87 DATE

HOWARD SOIL CONSERVATION DISTRICT

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*Joseph E. Helm* 9-24-87 DATE

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*Cheryl A. Helm* 10-5-87 DATE

DIRECTOR

*John M. Helm* 10-5-87 DATE

CHIEF OF PLANNING AND ZONING ADMINISTRATION

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

*Robert M. Helm* 10-1-87 DATE

DIRECTOR

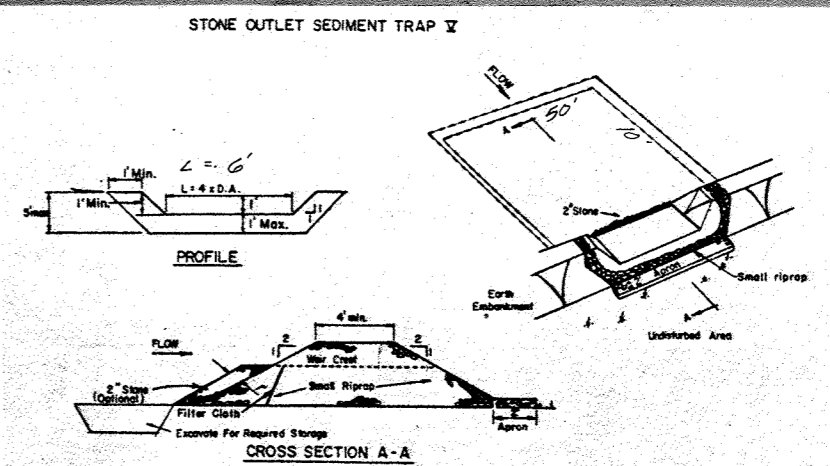
*John M. Helm* 9-30-87 DATE

CHIEF BUREAU OF ENGINEERING



STONE OUTLET SEDIMENT TRAP

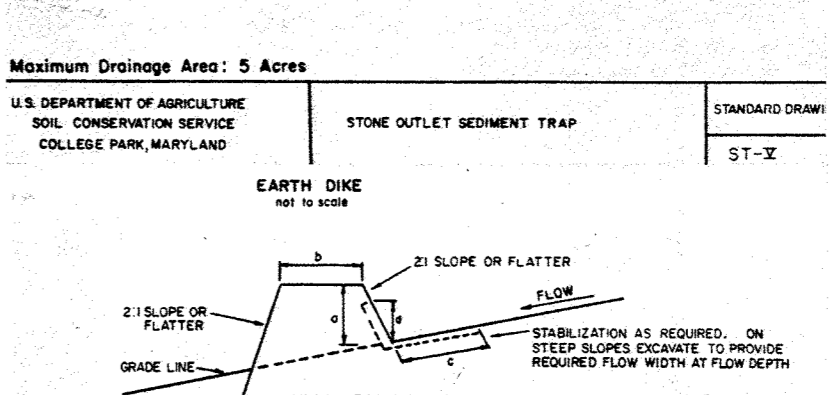
|                          |                           |
|--------------------------|---------------------------|
| Drainage Area            | 1.5 Acre                  |
| Storage Required         | 1.5 x 1,800 = 2,700 c.ft. |
| Storage Provided         | 2,796 c.ft.               |
| Top of Berm Elevation    | 529.5                     |
| Bottom of Trap Elevation | 526.5                     |
| Top of Crest Elevation   | 528.5                     |
| Clean out Elevation      | 528.0                     |
| Bottom Width             | 10.0 ft.                  |
| Bottom Length            | 50.0 ft.                  |
| Weir Length              | 6.0 ft.                   |



OPTION: A one foot layer of 1/2" stone may be placed on the upstream side of the trap in place of the standard filter cloth.

CONSTRUCTION SPECIFICATIONS FOR ST-T

1. Area under embankment shall be cleared, grubbed and weeded if any vegetation and root stock is present.
2. The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by treading with equipment while it is being constructed.
3. All cut and fill slopes shall be 2:1 or flatter.
4. The stone used in the mat shall be small riprap 4"-8" along with a 1" thickness of 1/2" aggregate placed on the upstream side on the small riprap embankment filter cloth to the riprap.
5. Mat shall be removed and trap restored to its original dimensions when the sediment has accumulated to the design depth of the trap.
6. The structure shall be inspected after each rain and repairs made as needed.
7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.



CONSTRUCTION SPECIFICATIONS

1. All ditches shall be completed by earthmoving equipment.
2. All ditches shall have positive drainage to an outlet.
3. All ditches shall be completed by earthmoving equipment.
4. All ditches shall be completed by earthmoving equipment.
5. All ditches shall be completed by earthmoving equipment.
6. All ditches shall be completed by earthmoving equipment.
7. All ditches shall be completed by earthmoving equipment.

SEEDING NOTES

| TYPE OF SEEDING | DATE   | SEED AND STRAW MULCH                        | SEEDING RATE                                 |
|-----------------|--------|---|--|
| 1               | 5-3-87 | SEED AND STRAW MULCH                        | SEED USING JET, ON DISBURSERS, 500' 2" STONE |
| 2               | 5-1-87 | SEED AND STRAW MULCH                        | SEED USING JET, ON DISBURSERS, 500' 2" STONE |
| 3               | 5-1-87 | SEED WITH JET, ON DISBURSERS, 500' 2" STONE | SEEDING RATE 100' 2" STONE                   |
| 4               | 8-1-87 | LINED RIM-ROW 8" 2" STONE                   | SEEDING RATE 100' 2" STONE                   |

CONSTRUCTION SEQUENCE

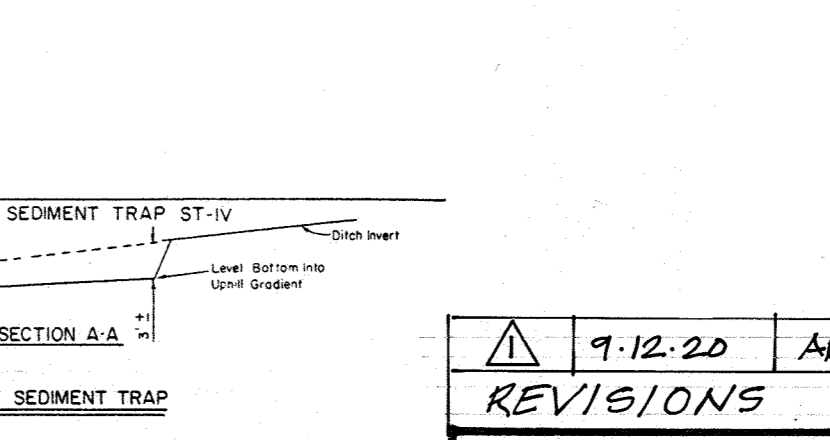
1. Obtain grading permit.
2. Install stabilized construction entrance, silt fence, silt fence, stone outlet trap & swale trap. Complete this work without interruption (2 days). Stabilize in accordance with temporary seeding notes.
3. Grade site.
4. Erect structure.
5. Contact Miss Utility and install water, sewer systems and other utilities.
6. Install curb and paving.
7. Fine grade and permanently stabilize site. (5 days)
8. Remove all Sediment Control measures with the permission of the Sediment Control Inspector.

SEEDING NOTES

Seeding - For the periods March 1 thru April 30, and August 15 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of waning Lovage. During the period of October 16 thru February 28, protect site by Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Another mulch immediately after application using mulch anchoring tool or 218 gallons per acre (8 gal/1000 sq ft) of unbleached asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance - Inspect all seeded areas and make needed repairs, replacements and reseedings.



CONSTRUCTION SPECIFICATIONS FOR ST-IV

1. The swale sediment trap shall be constructed in accordance with the dimensions provided on the design drawings or sized to provide the minimum storage necessary 1800 cubic feet of storage for each acre of drainage area.
2. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to the design depth of the trap. Seeded sediment shall be deposited in a suitable area and in such a manner that it will not erode.
3. The structure shall be inspected after each rain and repairs made as needed.
4. Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
5. The sediment trap shall be removed and area stabilized when the contributory drainage area has been properly stabilized.
6. The swale sediment trap will be properly backfilled and the swale or ditch reconstructed.

OWNER / DEVELOPER:

GLENWOOD ASSOC. LTD. PARTNERSHIP

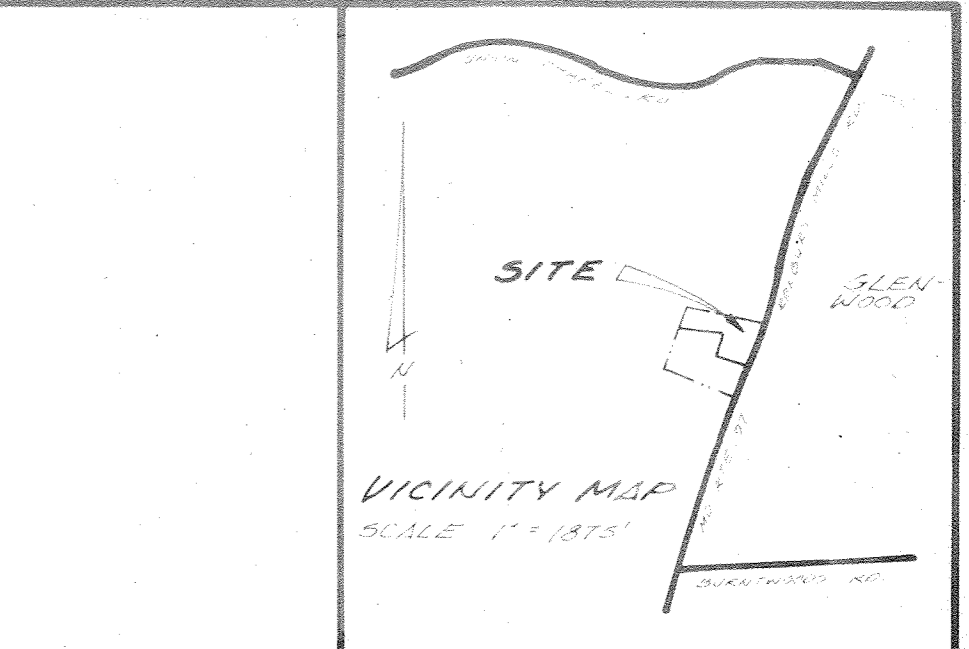
4558-BENJAMIN WALKER

3060 WASHINGTON ROAD

PO BOX 190

GLENWOOD, MD. 21738

PHONE (301) 854-6889



PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Soil Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 500 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

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Refer to the 1983 HANDBOOK STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

SEEDING NOTES

- 1) A minimum of 14 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 2) 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.
- 3) 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.
- 4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 17, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5) 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 seedings (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seedings do 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.

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9-12-20 ADD EXIT STAIR

REVISIONS

SEDIMENT CONTROL PLAN

PARCEL A-1

GOLDSMITH PROPERTY PLAT # 7557

GLENWOOD ASSOCIATES BUILDING

3060 WASHINGTON ROAD (MD. RTE. 97)

FOURTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE 1" = 30'

FEBRUARY 1987

TAX MAP #4 PARCEL 224

SHELADIA Associates, Inc.

CONSULTING ENGINEERS

310 A South Main Street, Mt. Airy, Md. 21771

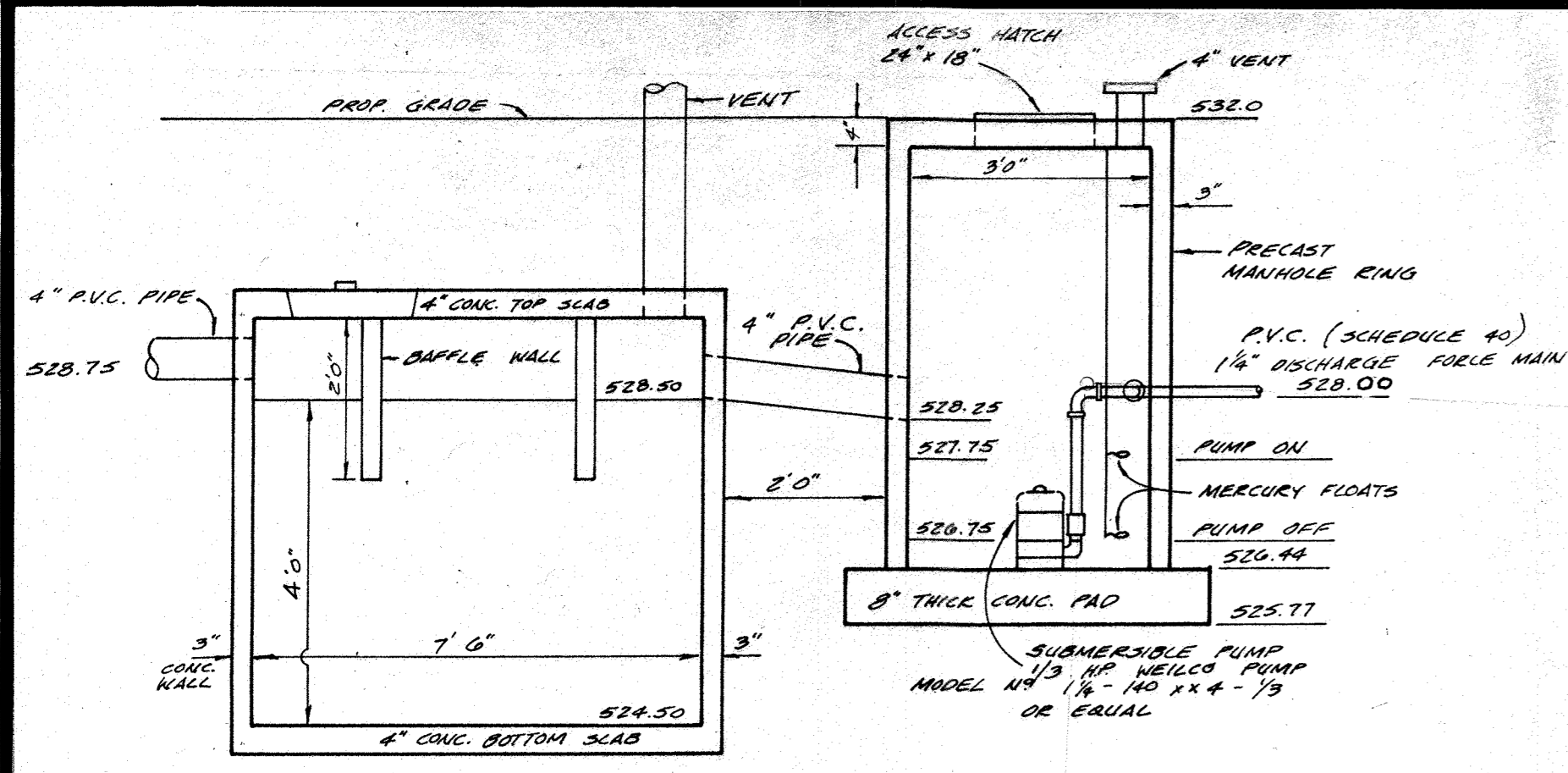
(301) 829-2890

2/24/87

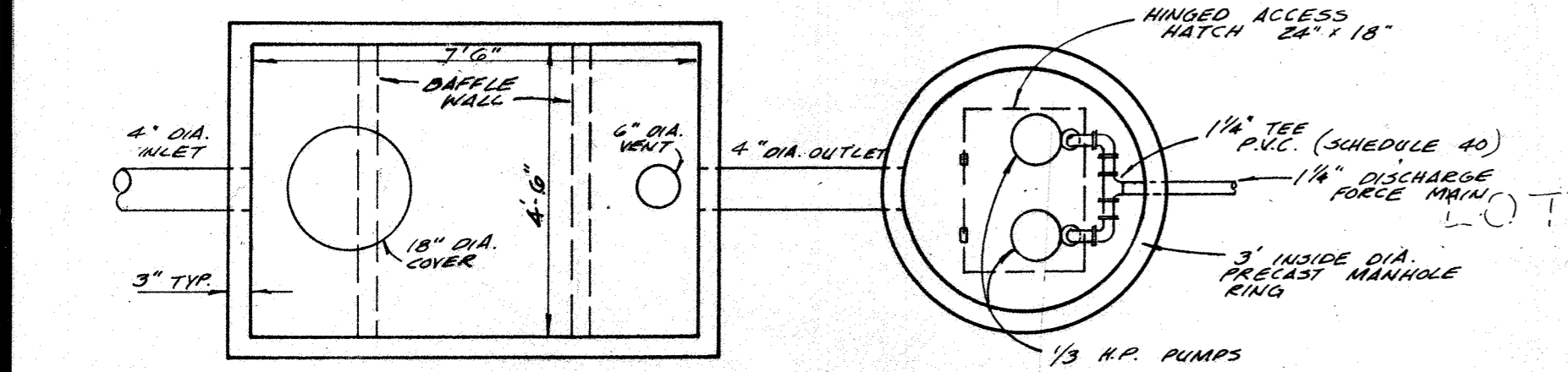
SHEET 2 OF 4

SDP-87-162

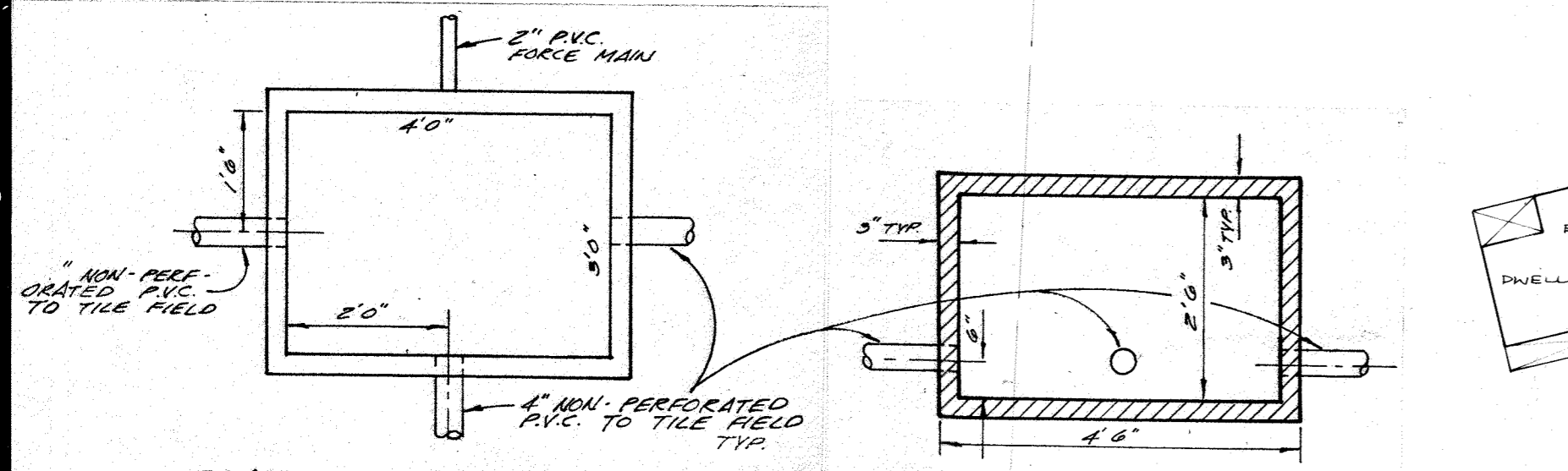




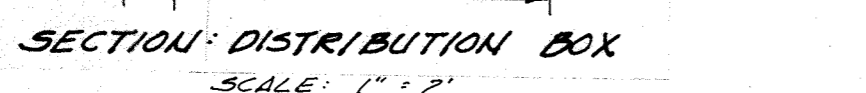
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N.T.S.



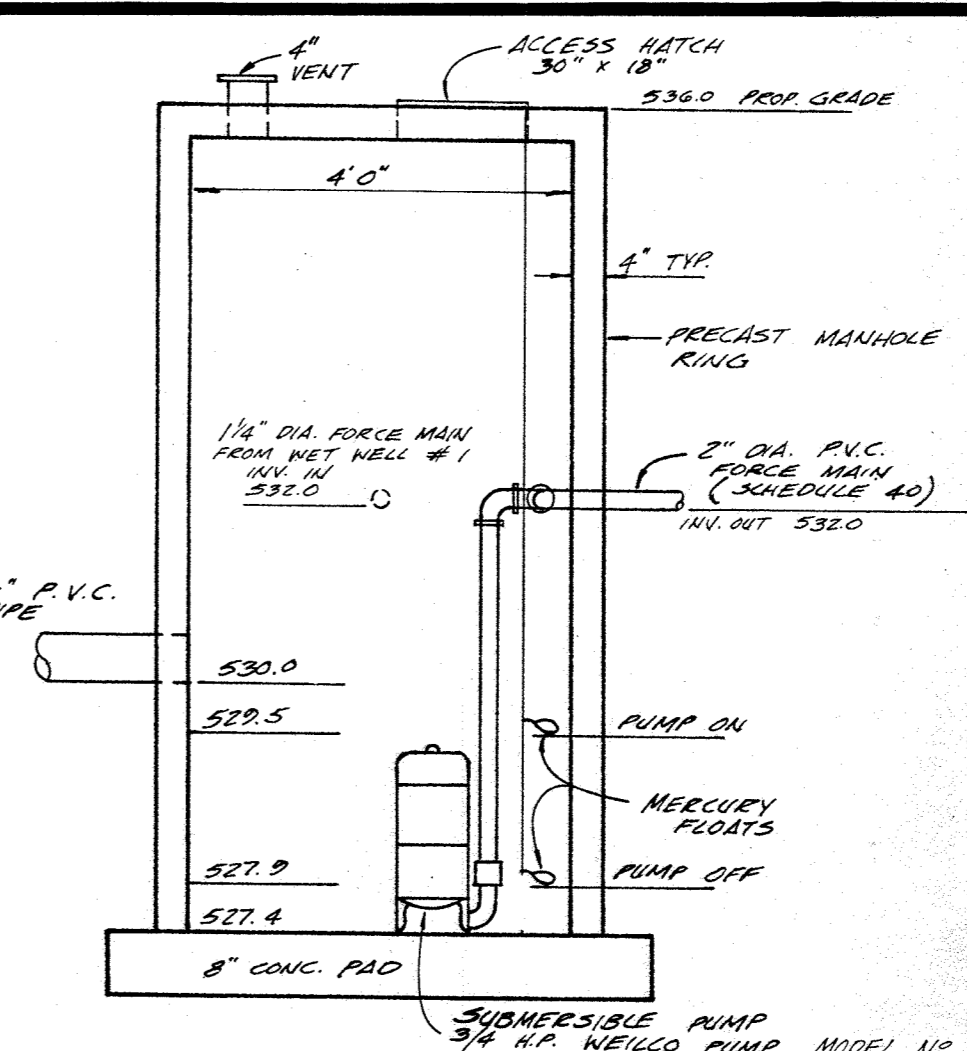
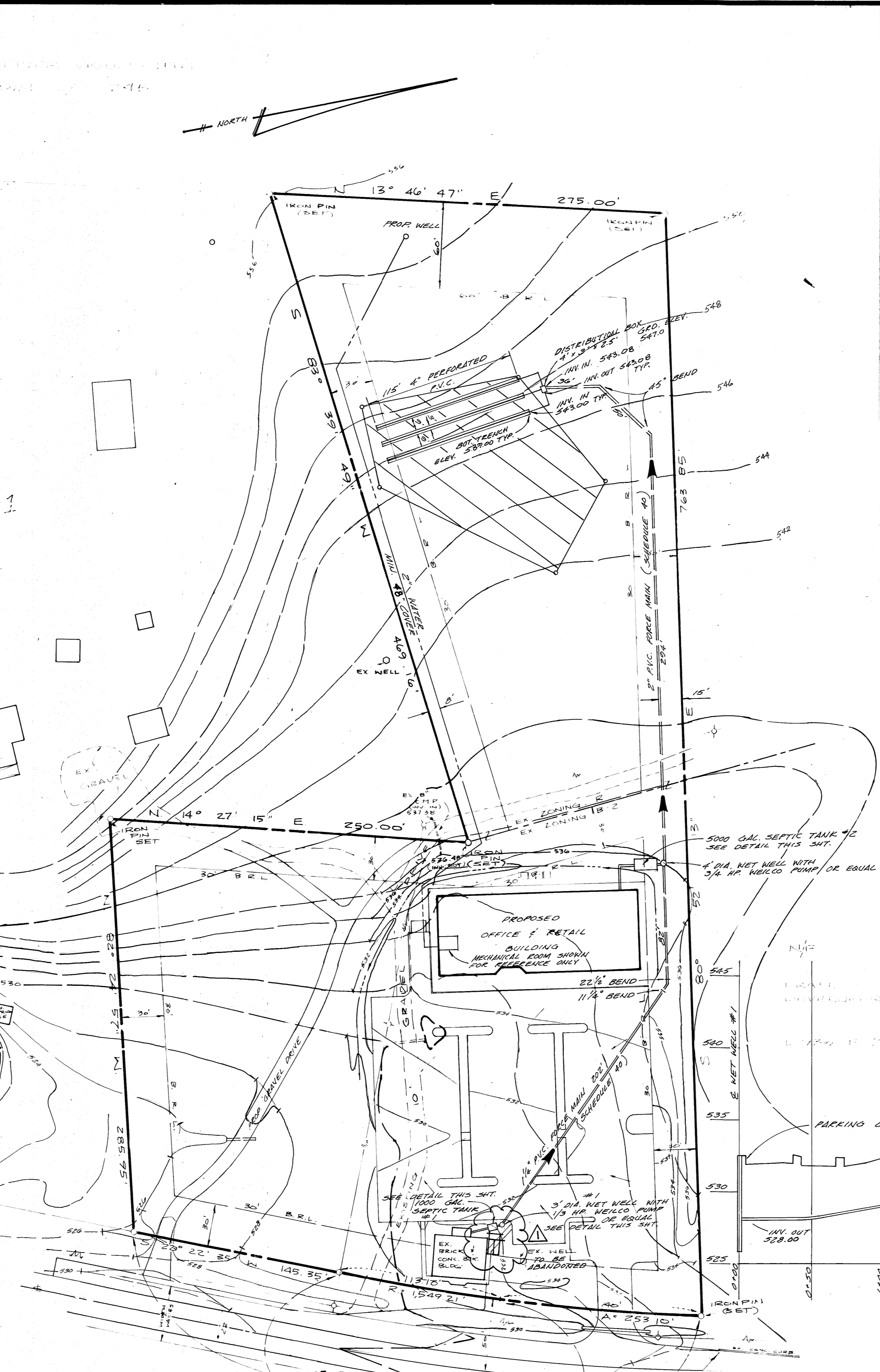
PLAN: SEPTIC TANK AND WET WELL #1  
N.T.S.



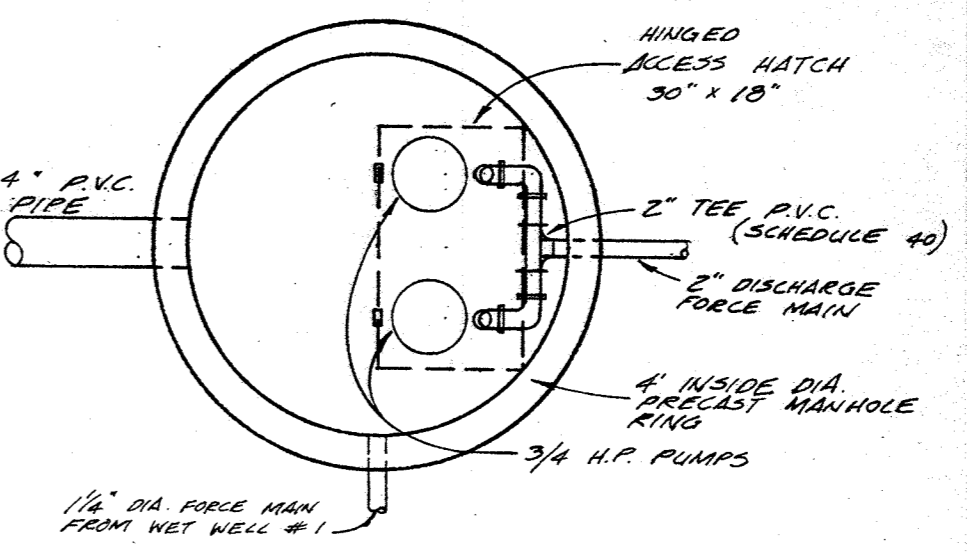
PLAN: DISTRIBUTION BOX  
SCALE: 1" = 2'



SECTION: DISTRIBUTION BOX  
SCALE: 1" = 2'



SECTION: WET WELL #2  
SCALE: 1" = 2'



PLAN: WET WELL #2  
SCALE: 1" = 2'

NOTE:  
1. WET WELL MANHOLE TO BE CONSTRUCTED AS PER HOWARD COUNTY STD. DETAIL NO. 05.11 & 05.12.  
2. ELECTRICAL CONTROL SHALL BE PROVIDED TO ALTERNATE THE CEILING FAN ON EACH TIME WATER & OTHER CONSTRUCTION NOTES

1. ALL PIPES ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
2. CLEAR ALL UTILITIES BY A MIN OF 6" AND ALL POLES BY A MIN OF 2'-0".
3. FOR DETAILS NOT SHOWN HERE USE HOWARD COUNTY STANDARD DETAILS FOUND IN THE HOWARD COUNTY DESIGN MANUAL, VOL. IV AND FOR MATERIALS AND CONSTRUCTION USE THE HOWARD COUNTY STANDARD SPECIFICATIONS.
4. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST ONE WEEK BEFORE STARTING WORK SHOWN HEREIN:  
"MISS UTILITY" (599-0100)  
CAP TELEPHONE CO. (725-9976)  
HOWARD COUNTY BUREAU OF UTILITIES (992-2366)
5. CONTRACTOR SHALL REMOVE TREE STUMPS AND ROOTS FROM ALONG THE LINE OF EXCAVATION.
6. ALL WATER LINES SHALL BE C.I.P. OR D.I.P. OR P.V.C. (UNLESS OTHERWISE NOTED).
7. ALL WATER MAINS SHALL HAVE AT LEAST 4'-0" COVER.
8. BLOCK ALL FITTINGS WITH CONCRETE.
9. ALL SEWER LINES SHALL BE C.S.P.X., V.C.P.X., A.C.P. CLASS 2400 OR P.V.C. UNLESS NOTED.



PROFILE: FORCE MAIN  
SCALE: HOR. 1" = 50' VERT. 1" = 5'

| NO. | DATE    | REVISIONS  |
|-----|---------|------------|
| 1   | 9-12-87 | EXIT STAIR |

APPROVED FOR PRIVATE HOME AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 APPROVED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 7-31-87

SEPTIC TANK COMPUTATIONS

| Septic Tank No. 1  |
|--|
| Exist Building 1,764 Square Feet                               |
| Future Use Office  |
| Sewage Flow @ 0.09 GPD   |
| Average Daily Flow 1,764 x 0.09 = 158 GPD                      |
| Peak Flow 158 x 4 = 632 GPD                                    |
| Septic Tank Volume = Peak Flow x 1.5 = 632 x 1.5 = 948 Gallons |
| Provide 1000 Gallon Tank                                       |

| Septic Tank No. 2  |
|--|
| Office 12,812 square feet - sewage flow @ 0.09 = 1,153 GPD |
| Retail 2,732 square feet - sewage flow @ 0.05 = 137 GPD    |
| Total Average Daily Flow = 1,290 GPD                       |
| Peak Flow - 4 x 1,290 = 5,160 GPD                          |

| Septic Tank Volume   |
|--|
| Septic Tank Volume = 1,125 + 0.75 Peak Flow = 1,125 + 0.75 x 5,160 = 4,995 Gallons |
| Provide 5,000 Gallon Tank  |

MD ROUTE 97

OWNER / DEVELOPER:  
 GLENWOOD ASSOC. LTD PARTNERSHIP  
 STEPHEN T. WALKER  
 3080 WASHINGTON RD.  
 PO BOX 190  
 GLENWOOD, MD. 21738  
 PHONE: (301) 354-6880

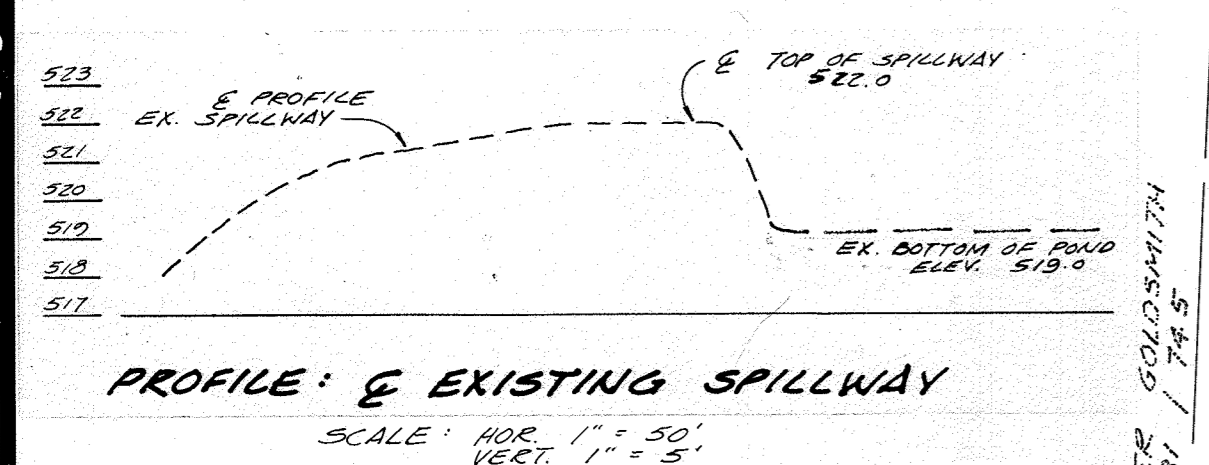
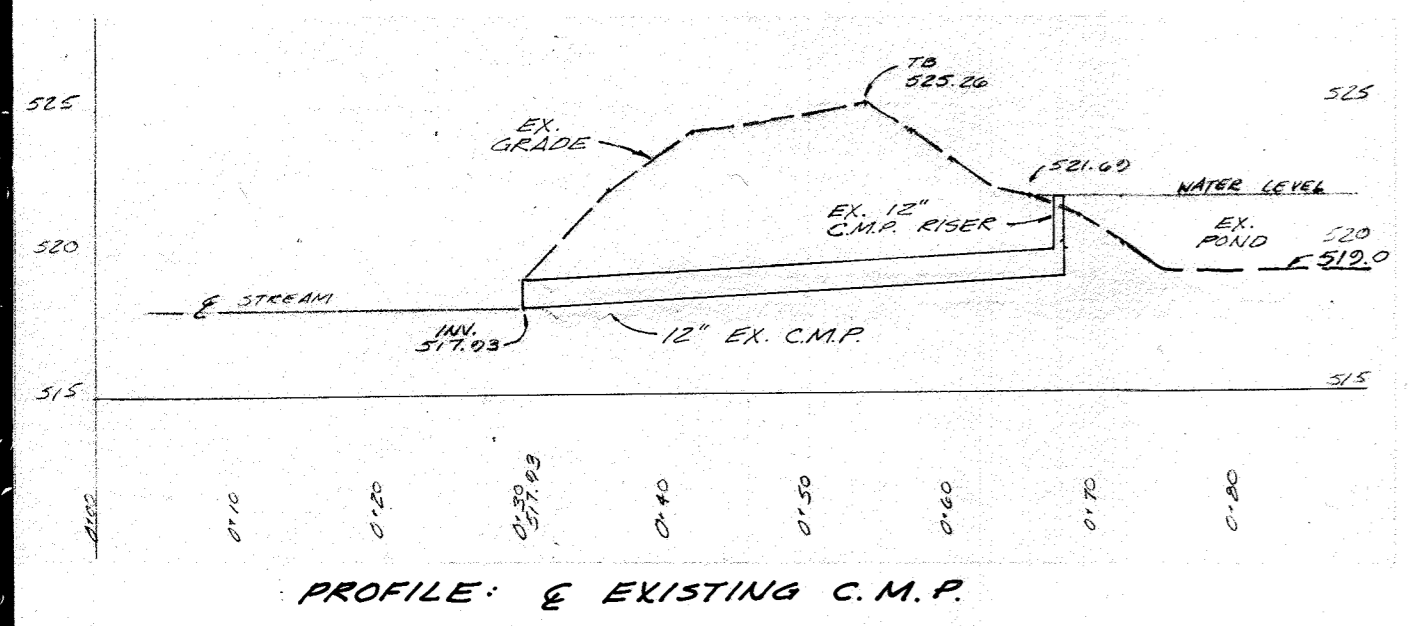
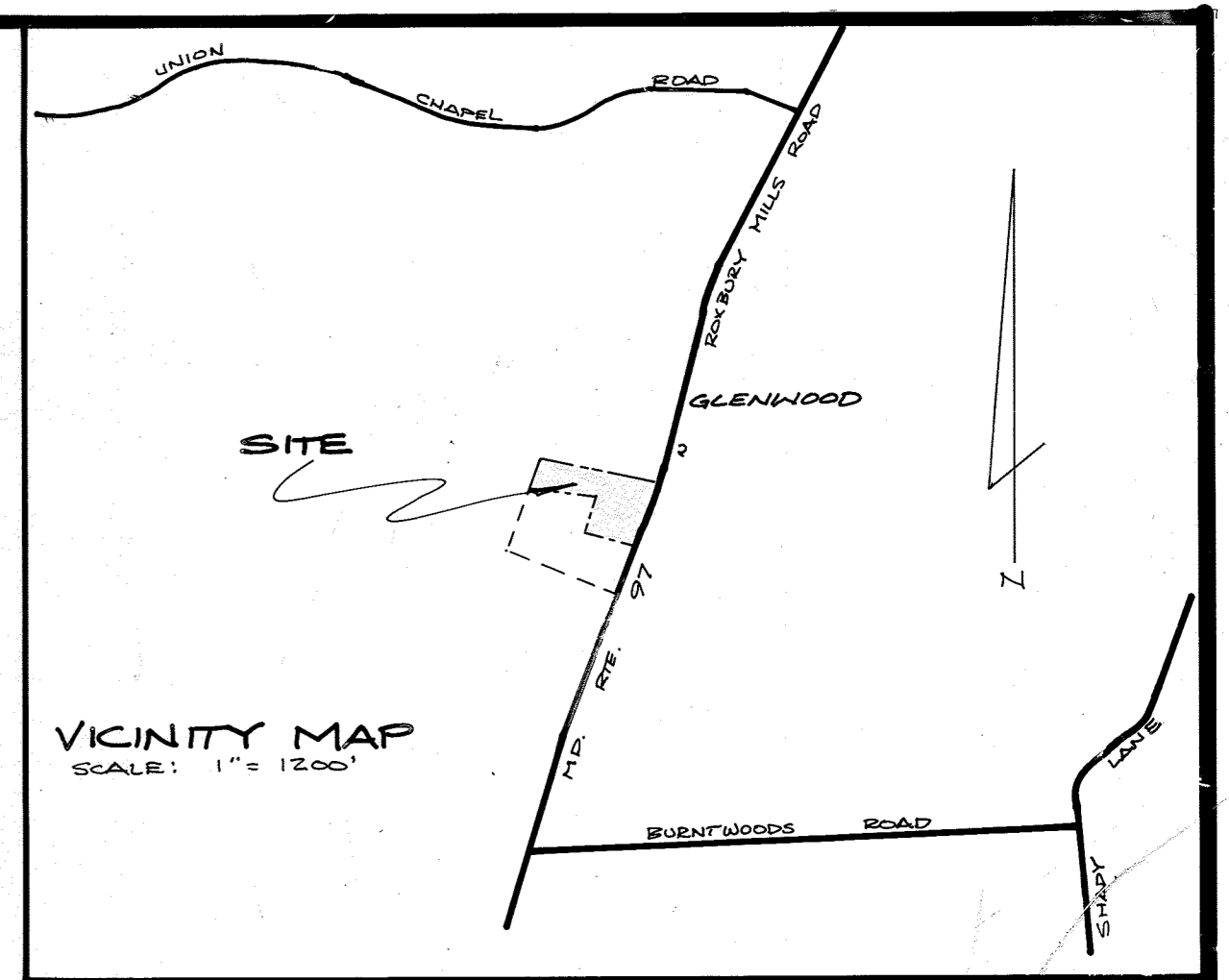
REVISED:  
 7/1/87 PER COMMENTS  
 8/31/87 PER COMMENTS

PRIVATE WATER / SEWER PLAN & DETAILS  
 PARCEL A-1  
 GOLDSMITH PROPERTY, LOT # 3557  
 GLENWOOD ASSOCIATES BUILDING  
 3080 WASHINGTON ROAD (MD. RTE. 97)  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE 1" = 50' FEBRUARY 1987  
 TAX MAP 14 PARCEL 224

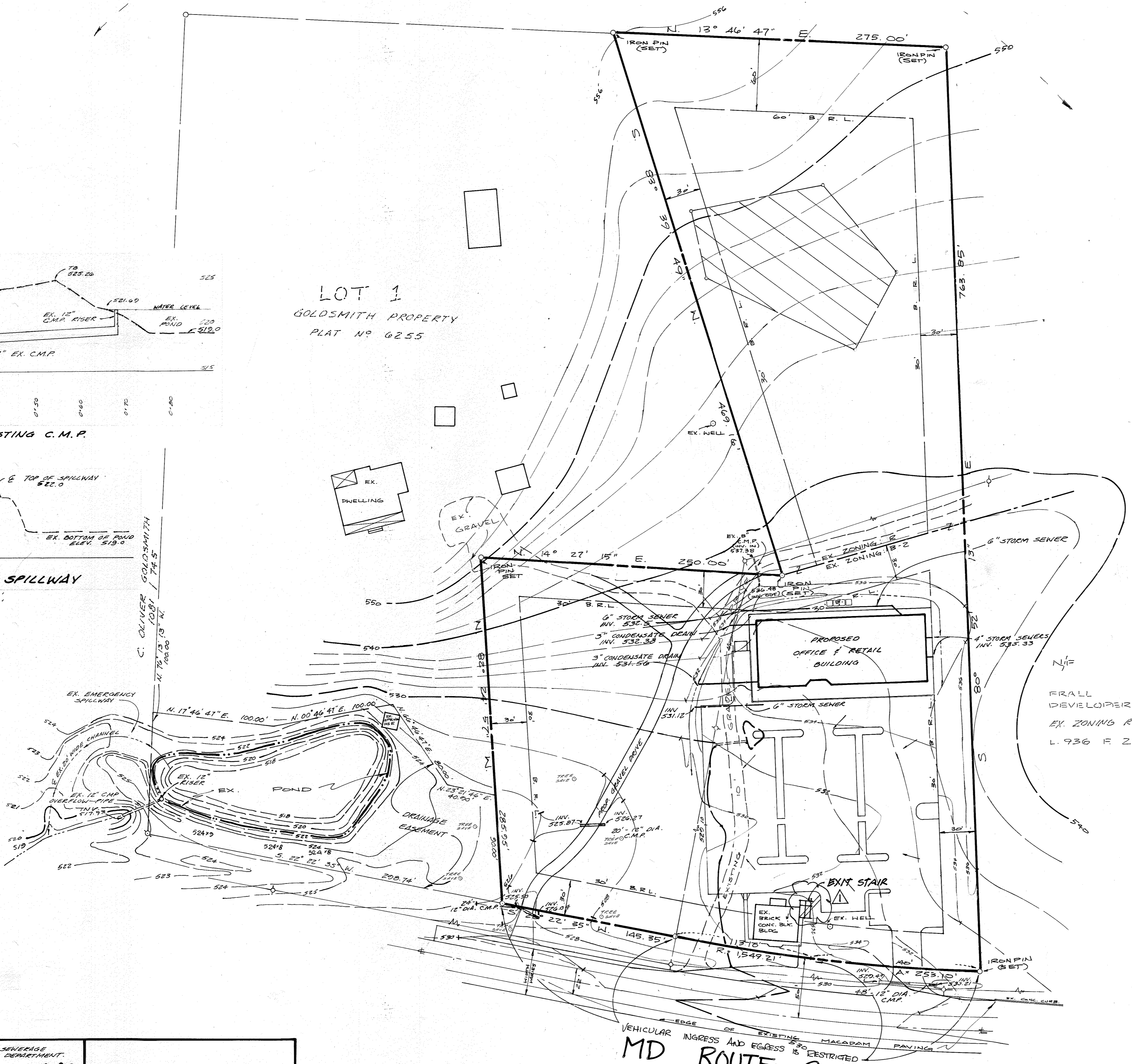
SHELADIA Associates, Inc.  
 CONSULTING ENGINEERS  
 310 A South Main Street, Mt. Airy Md. 21771  
 (301) 829-2890



C. OLIVER GOLDSMITH  
1081 / 745



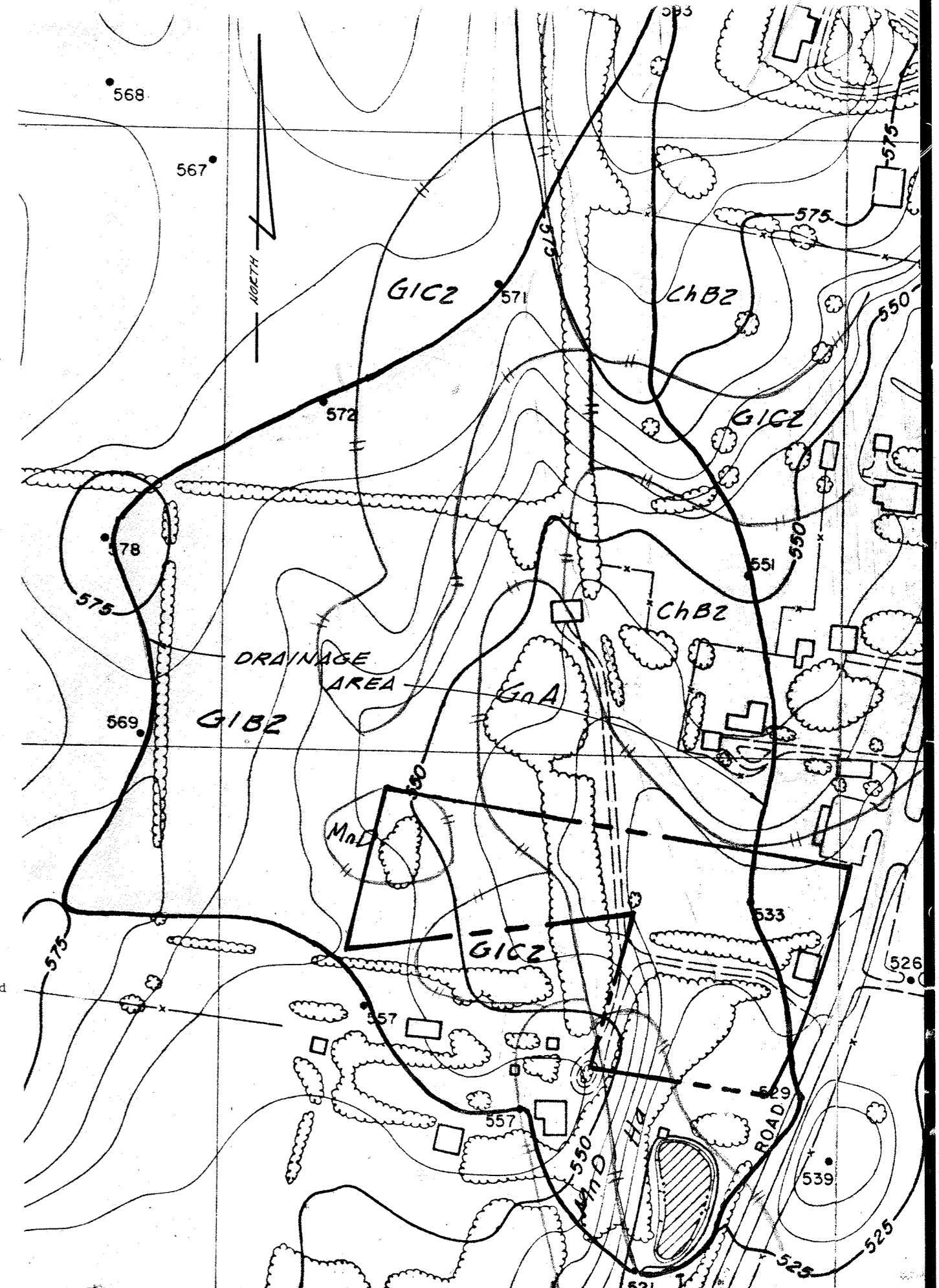
LOT 1  
GOLDSMITH PROPERTY  
PLAT NO 6255



S.W.M. COMPUTATIONS

|                       |   |
|-----------------------|---|
| Drainage Area         | 27.5 Acres  |
| Pre Development       | Q <sub>2</sub> = 11.60 csf<br>Q <sub>10</sub> = 36.00 csf |
| Post Development      | Q <sub>2</sub> = 12.50 csf<br>Q <sub>10</sub> = 37.50 csf |
| Storage Required      | 2 yr @ 0.229 AcFt<br>10 yr @ 0.540 AcFt                   |
| Storage Available     | 2 yr @ Elev 520.38<br>10 yr @ Elev 521.40                 |
| Existing Top of Riser | Elev 521.60   |
| Bottom of Pond        | Elev 519.00   |

EXISTING POND SHALL BE MAINTAINED TO THE ELEVATION AND DIMENSIONS SHOWN ON THESE PLANS. POND CONDITION SHALL BE INSPECTED PERIODICALLY TO ENSURE ITS STORM WATER MANAGEMENT FUNCTIONS ARE CONTINUOUSLY OPERATIONAL. ANY REPAIRS NEEDED SHALL BE PERFORMED IMMEDIATELY AND RESTABILIZED.



DRAINAGE AREA AND SOILS MAP  
SCALE 1" = 200'

NOTE:  
EXISTING POND TO BE USED FOR STORM WATER MANAGEMENT FACILITY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 COUNTY HEALTH OFFICE  
 DATE 9-21-87  
 DIRECTOR  
 DATE 10-5-87  
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 DATE 10-2-87  
 APPROVED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DATE 10-1-87  
 DATE 9-30-87

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 7-31-87

VEHICULAR INGRESS AND EGRESS IS RESTRICTED  
MD ROUTE 97

OWNER / DEVELOPER:  
GLENWOOD ASSOCS. LTD. PARTNERSHIP  
% STEPHEN T. WALKER  
3080 WASHINGTON RD.  
PO BOX 190  
GLENWOOD, MD. 21738  
PHONE: (301) 854-6889

REVISED:  
7/1/87 PARKING PER COMMENTS, DRAINAGE EASEMENT  
8/1/87 PER COMMENTS

9-10-20 EXIT STAIR REVISIONS

**STORM WATER MANAGEMENT PLAN**  
DETAILS  
1 PARCEL A-1  
GOLDSMITH PROPERTY PLAT # 7357  
**GLENWOOD ASSOCIATES BUILDING**  
3080 WASHINGTON ROAD (MD. RTE. 97)  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' FEBRUARY 1987  
TAX MAP 14 PARCEL 224

STATE OF MARYLAND  
REGISTERED PROFESSIONAL ENGINEER

**SHELADIA Associates, Inc.**  
CONSULTING ENGINEERS  
310 A South Main Street, Mt. Airy Md. 21771  
(301) 829-2890

JOB NO 251-743 SHEET 4 OF 4