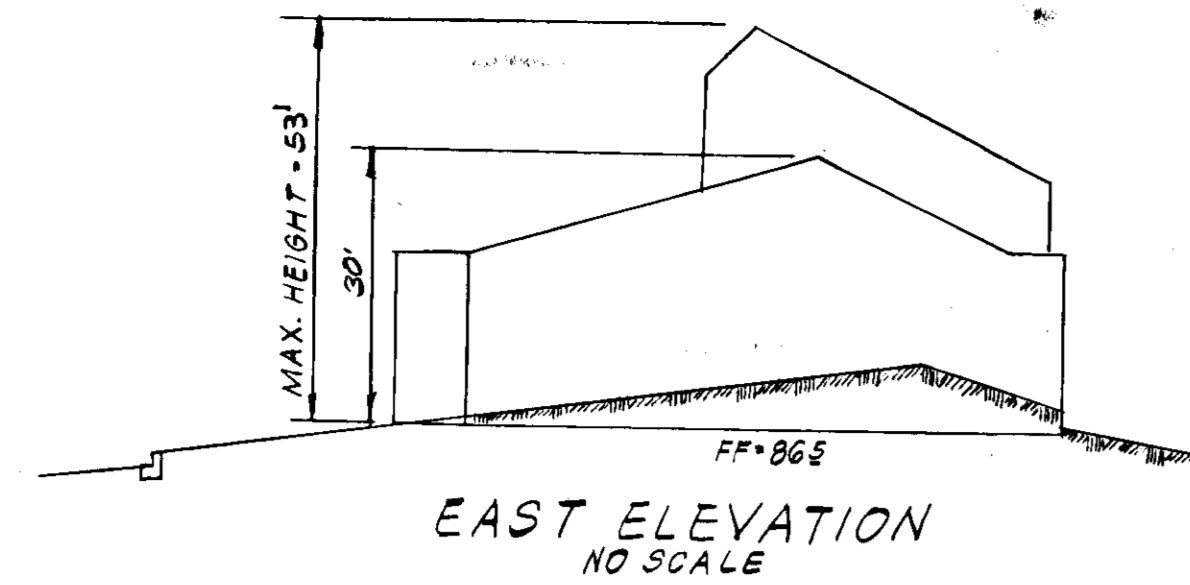


VICINITY MAP  
SCALE 1"=2000'



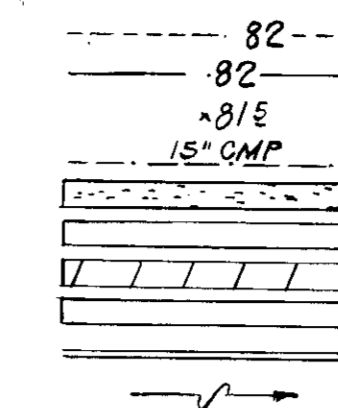
EAST ELEVATION  
NO SCALE

SITE TABULATIONS

1. Area of Site 15.6 AC.
2. Proposed Construction Area 3.1 AC.
3. Zoning See BA Case #979-G
4. Parking Pro (New Const) 80 SPACES  
EXIST SPACES 80  
TOTAL 160 SPACES
5. Parking Road 167 SPACES  
NEW LENGTH 1000' B.M. TOP OF CONC. MONUMENT EL. 74.46  
1.587' x 1000' = 500 SEATS  
1 SPACE/5 SEATS = 500 SEATS / 107 SPACES

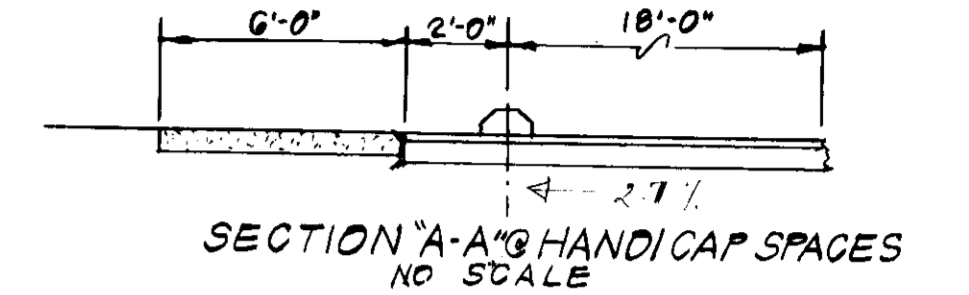
LEGEND

Existing topography  
Proposed topography  
Proposed spot elevations  
Existing storm drainage  
Proposed concrete walks  
Existing paving  
Prop. Md. SHA paving  
Prop on-site paving  
Prop curb & gutter  
Surface flow

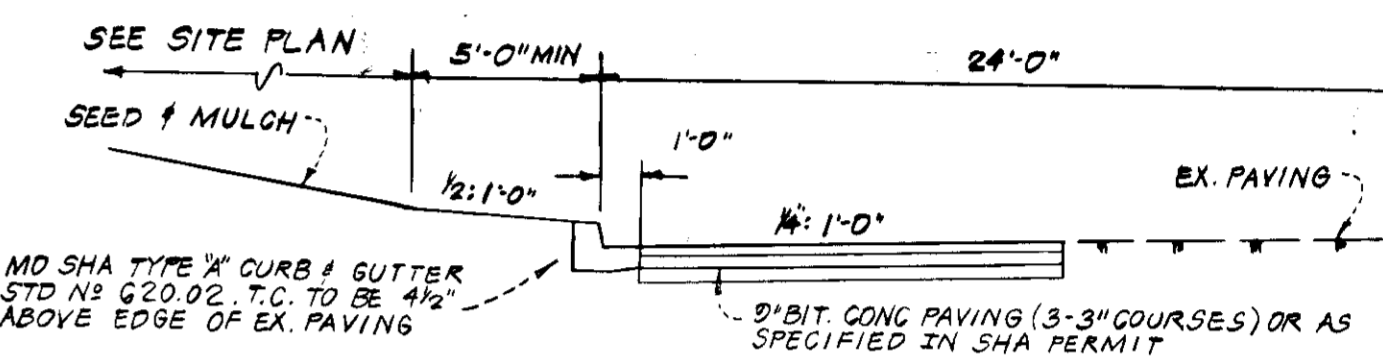


GENERAL SITE DEVELOPMENT NOTES

1. All storm drainage, paving & grading construction to be in accordance with the Howard County Road Construction Code & the latest edition of the Specifications & Standard Details of the Md. SHA.
2. All utility companies to be notified 48 hours prior to beginning construction.
3. Installation of all traffic control devices shall be in accordance with the Manual on uniform traffic control devices - 1971 edition.



SECTION 'A-A' HANDICAP SPACES  
NO SCALE



SECTION - ROUTE 108 WIDENING

DEVELOPERS CERTIFICATION

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 deemed necessary & agree to furnish an "As-Built" of the basin within 30 days of its completion.

William D. Borders, ROMAN CATHOLIC ARCHBISHOP OF BALTIMORE, A CORPORATION, SOLE ENGINEERS CERTIFICATION

I certify that this plan for erosion & 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

Gordon L. Berlinsky, DATE 12-21-78

Owners Name ST. LOUIS CHURCH  
Address ROUTE 108 - CLARKSVILLE MD. 21029  
Telephone No 301-286-2250

Reviewed for Howard SCD and meets technical requirements  
Signature: [Signature] DATE: 4/18/79  
U.S. SOIL CONSERVATION SERVICE

This development plan is approved for small pond construction soil erosion and sediment control by the Howard Soil Conservation District  
APPROVED: [Signature] DATE: 4/18/79  
HOWARD SCD

APPROVED: For public water & sewerage systems  
Howard County Health Department  
APPROVED: [Signature] DATE: 4-23-79  
COUNTY HEALTH OFFICER

APPROVED: Howard County Office of Planning and Zoning  
PLANNING DIRECTOR  
APPROVED: [Signature] DATE: 5-23-79  
CHIEF DIV. OF LAND DEV.

APPROVED: For public water & sewerage systems and roads  
Howard County Department of Public Works

APPROVED: [Signature] DATE: 5-23-79  
DIRECTOR  
CHIEF BUREAU OF ENGINEERING

APPROVED  
DIVISION OF LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE 3-27-79  
[Signature]

CLARKSVILLE PIKE  
MARYLAND ROUTE NO 108  
PUBLIC ROAD

B.M. ELEV. 85.21  
OUT NAIL WEST SIDE  
POLE # 337306

GUILFORD ROAD

ROAD

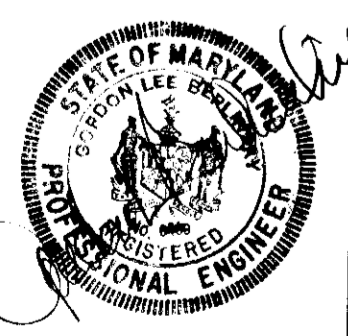
\* EX-20' PROVIDE SIDEWALK RAMP

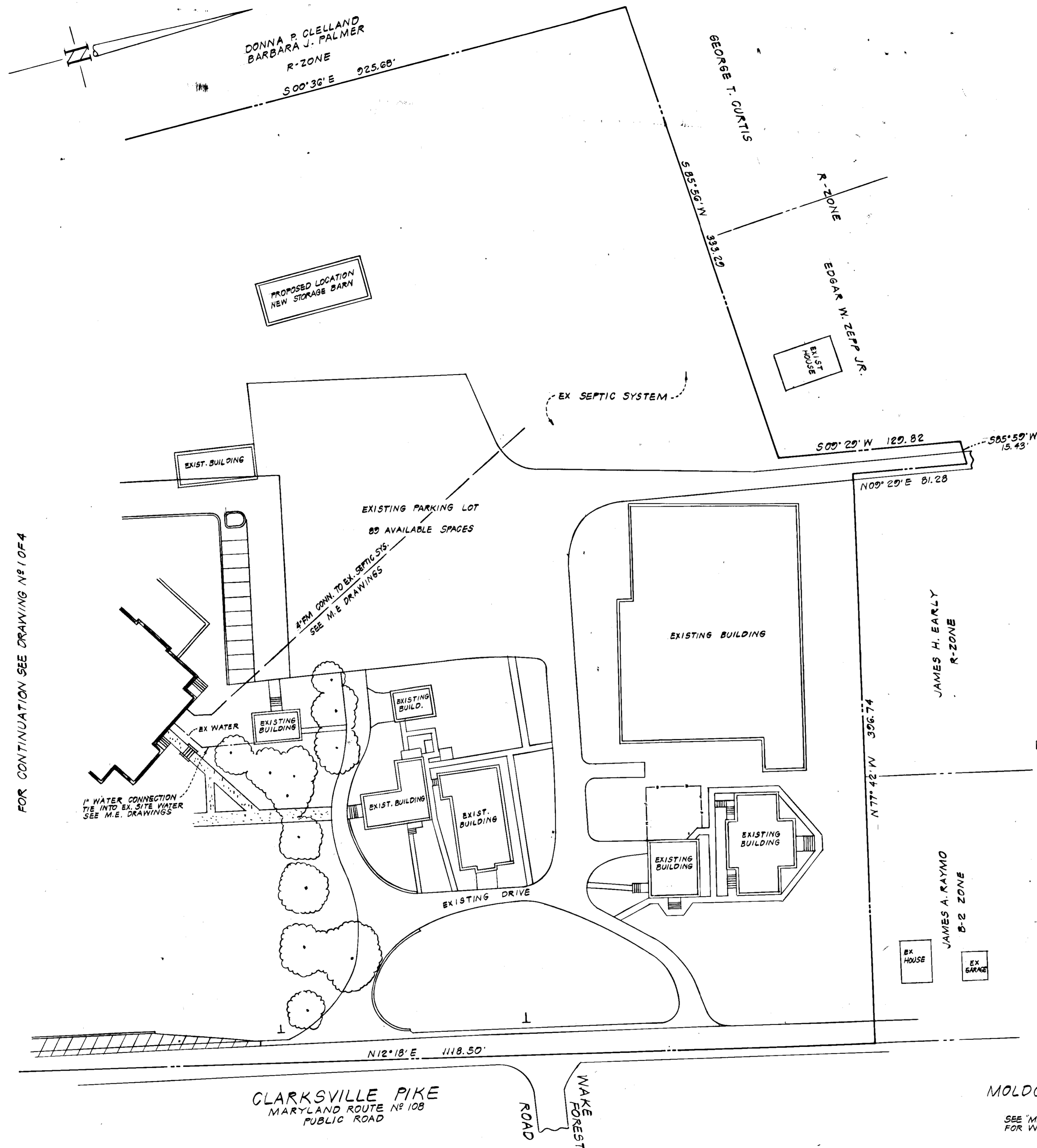
WAKE FOREST ROAD

**ST. LOUIS CHURCH - CLARKSVILLE**  
5<sup>TH</sup> ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
LIBER 207 FOLIO 208 TAX MAP 34

REVISIONS	DATE: 4-2-79
SITE & GRADING PLAN SEDIMENT CONTROL PLAN STORM WATER MANAGEMENT PLAN	SCALE: 1"=40'
DUANE & DUANE 10524 DETRICK AVENUE KENSINGTON, MARYLAND 20795	SHEET NO 1 OF 4

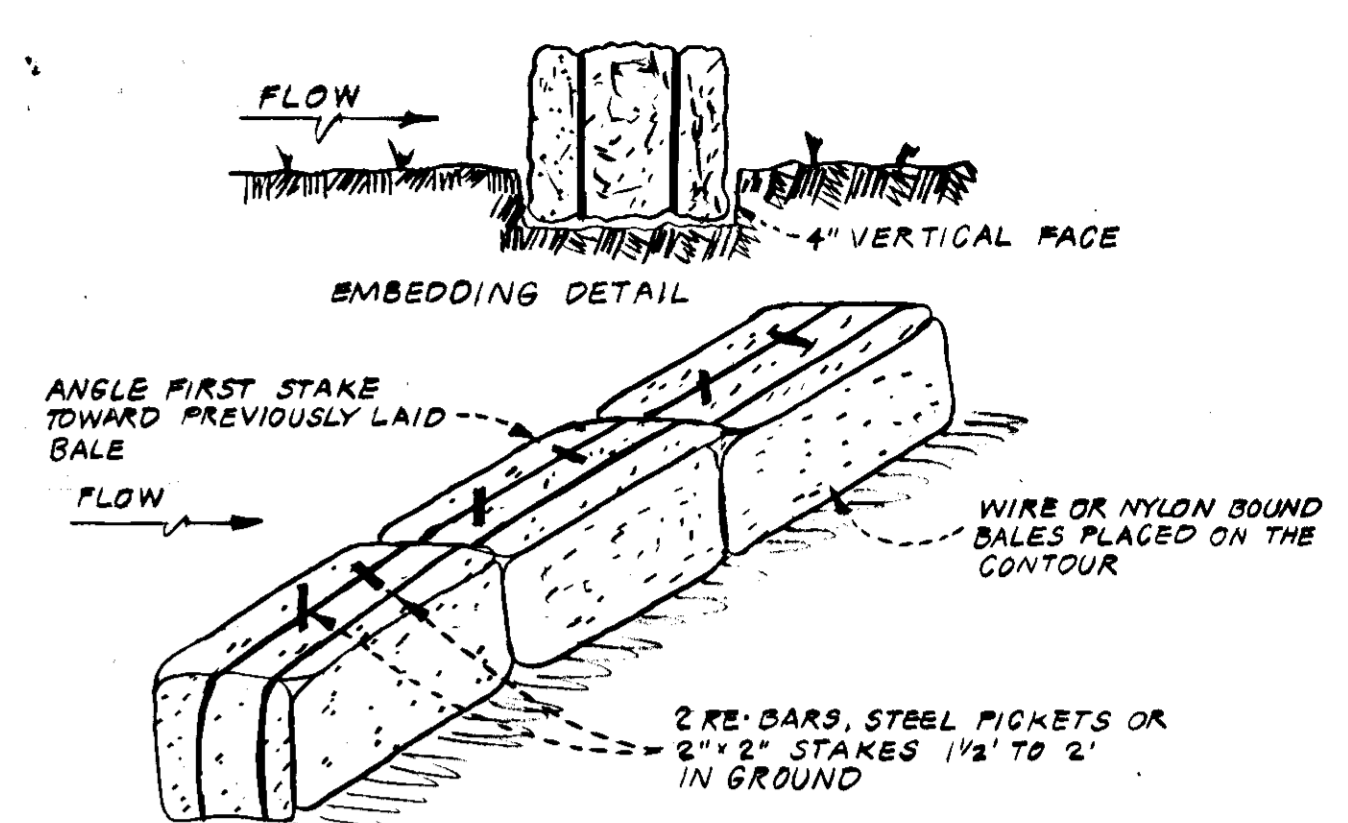
SEYBOLT, GORE, NEWQUIST & BERLINSKY  
CIVIL ENGINEERS & LAND SURVEYORS  
1111 BONIFANT STREET  
SILVER SPRING, MARYLAND





FOR CONTINUATION SEE DRAWING NO. 1044

**STRAW BALE DIKE**



**ANCHORING DETAIL**

**DEVELOPERS CERTIFICATION**

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 deemed necessary & agree to furnish an "As-Built" of the basin within 30 days of its completion.

*William D. Borders* 4/6/79  
 WILLIAM D. BORDERS, ROMAN CATHOLIC ARCHBISHOP, A CORPORATION SOLE DATE

**ENGINEERS CERTIFICATION**

I certify that this plan for Erosion & 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.

*Gordon L. Berlinsky* 12-21-78  
 GORDON L. BERLINSKY DATE

Owners Name ST. LOUIS CHURCH  
 Address ROUTE 108 CLARKSVILLE, MD. 21029  
 Telephone No 301-286-2250

Reviewed for Howard SCD and meets technical requirements  
*P. Wayne Gray* 4/18/79  
 U.S. SOIL CONSERVATION SERVICE SIGNATURE DATE

This development plan is approved for small pond construction soil erosion and sediment control by the Howard Soil Conservation District  
 APPROVED HOWARD SCD DATE

APPROVED: For private water & private sewerage systems  
 Howard County Health Department  
*Jocelyn Braden* 4-23-79  
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning  
*Thomas J. Smith* 5-23-79  
 PLANNING DIRECTOR DATE  
*John W. Muesel* 5-23-79  
 CHIEF DIV. OF LAND DEV. DATE

APPROVED: For storm drainage systems and roads  
 Howard County Department of Public Works  
*Greg F. Nunn* 5-23-79  
 DIRECTOR DATE  
*W.O. Pollock* 5-22-79  
 CHIEF BUREAU OF ENGINEERING DATE

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 HOWARD COUNTY, MARYLAND  
 DATE 3-27-79  
 M.G. for G.H.M.

MOLDCAST SITE MODULETTE  
 (12" HIGH)  
 SEE MECHANICAL ENGINEERING PLANS FOR WIRING & DETAILS OF SETTING

SEYBOLT, GORE, NEWQUIST & BERLINSKY  
 CIVIL ENGINEERS & LAND SURVEYORS  
 1111 BONIFANT STREET  
 SILVER SPRING, MARYLAND

**ST. LOUIS CHURCH- CLARKSVILLE**  
 5<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 LIBEK 207 FOLIO 208 TAX MAP 34

REVISIONS	SITE & GRADING PLAN SEDIMENT CONTROL PLAN STORM WATER MANAGEMENT PLAN	DATE 4-2-79 SCALE 1" = 40'
	DUANE & DUANE 10524 DETRICK AVENUE KENSINGTON, MARYLAND 20795	SHEET NO 2 OF 4



GENERAL SEDIMENT CONTROL NOTES

- The contractor shall obtain & maintain on the job site a copy of Standards & Specifications for Soil Erosion & Sediment Control in Developing Areas. All construction shall be performed in strict accordance with the plans & above specifications.
- Sediment Basin shall be installed & stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site.
- Control measures are to remain in place until permission for their removal has been obtained from the Howard County Dept. of Inspections & permits @ 465-5000 x 365
- Notify the Howard County Department of Inspections & Permits of the above number 24 Hours in advance of starting work
- The amount of excavation & fill as shown on these plans has been computed to be 1000 cubic yards of excavation & 1000 cubic yards of fill
- Approval of this plan is conditional upon the Approval of a Sediment Control plan for the off-site waste or borrow areas prior to the import of any borrow or the export of any waste to or from this site.
- TEMPORARY SEEDINGS TO BE USED ON PERIMETER DIKES ONLY

SITE ANALYSIS

Total area of site	15.6 Ac
Total disturbed area	3.1 Ac.
Total area of roofs & pavement	1.6 Ac. NEW CONST.
Total stabilized area	3.1 Ac.
EXISTING BUILDING AREA	31,600 sq ft
PROPOSED CONSTRUCTION	11,341 sq ft
FUTURE ADDITION	2710 sq ft

DEVELOPERS CERTIFICATION

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 deemed necessary, & agree to furnish on "As-Built" of the basin within 30 days of its completion

*William B. Berlinsky* 4/16/79  
 WILLIAM B. BERLINSKY, REGISTERED PROFESSIONAL ENGINEER  
 ARCHBISHOP OF BALTIMORE, A CORPORATION SALE DATE  
 ENGINEERS CERTIFICATION

I certify that this plan for erosion & 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.

*Gordon L. Berlinsky* 12-21-78  
 GORDON L. BERLINSKY DATE

Owners Name ST. LOUIS CHURCH  
 Address ROUTE 108-CLARKSVILLE MD 21029  
 Telephone No 301-286-2250

Reviewed for Howard SCD and meets technical requirements  
*Walter Berlinsky* 4-18-79  
 SIGNATURE DATE  
 U.S. SOIL CONSERVATION SERVICE

This development plan is approved for small pond construction soil erosion, and sediment control by the Howard Soil Conservation District  
 APPROVED *Robert E. Zechin* 4/18/79  
 HOWARD SCD DATE

APPROVED: For private water & private sewerage systems  
 Howard County Health Department  
*Joseph M. Braden* 4-23-79  
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning  
*William H. Hinkle* 5-23-79  
 PLANNING DIRECTOR DATE  
*William H. Hinkle* 5-23-79  
 CHIEF DIV. OF LAND DEV. DATE

APPROVED: For storm drainage systems and roads. Howard County Department of Public Works  
*George F. Nummy* 5-23-79  
 DIRECTOR DATE  
*W.D. Lohr* 5-22-79  
 CHIEF BUREAU OF ENGINEERING DATE

APPROVED: For storm drainage systems and roads. Howard County Department of Public Works  
*George F. Nummy* 5-23-79  
 DIRECTOR DATE  
*W.D. Lohr* 5-22-79  
 CHIEF BUREAU OF ENGINEERING DATE

DETAILS & NOTES DATE 4-2-79  
 SCALE - SHOWN

DUANE & DUANE  
 10524 DETRICK AVENUE  
 KENSINGTON, MARYLAND 20795  
 SHEET NO 3 OF 4

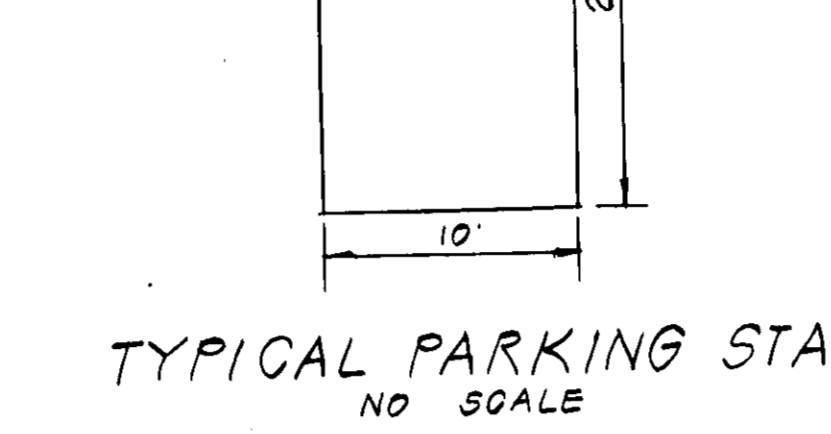
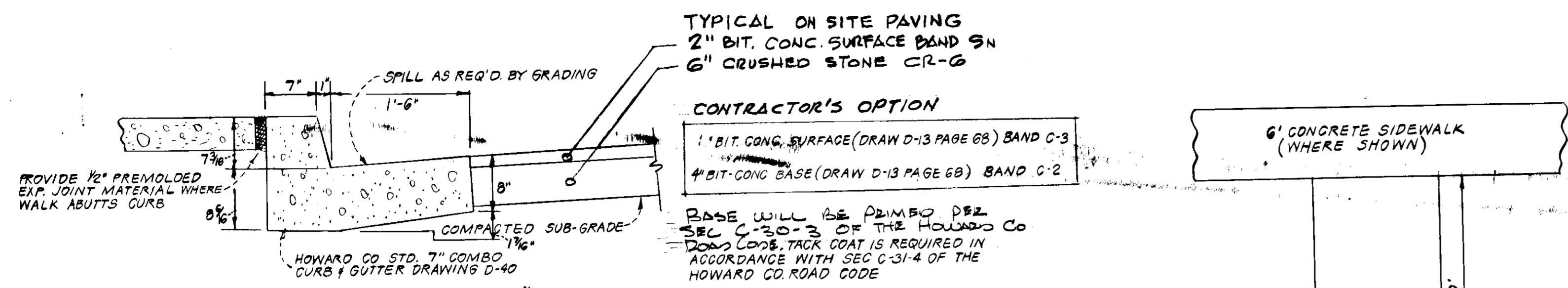
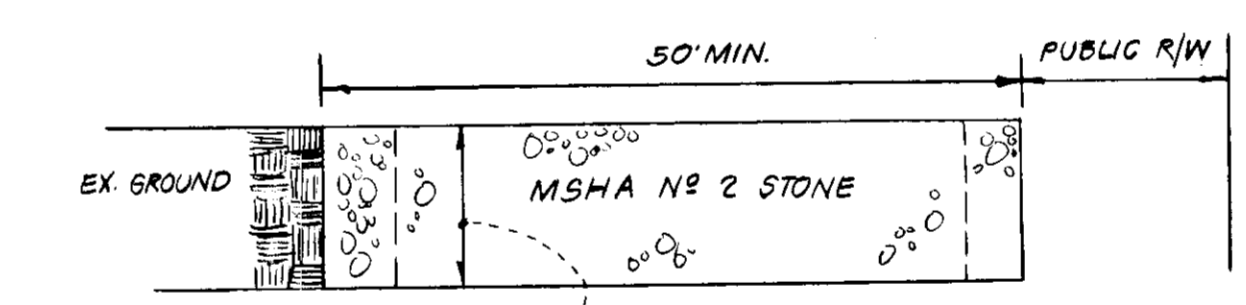
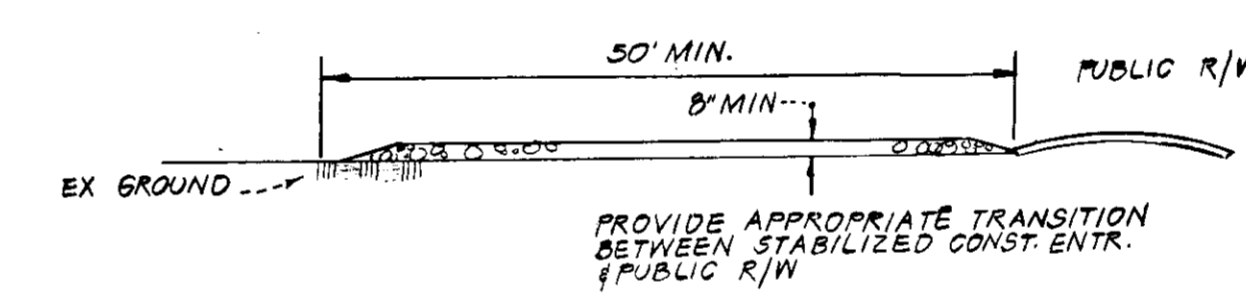
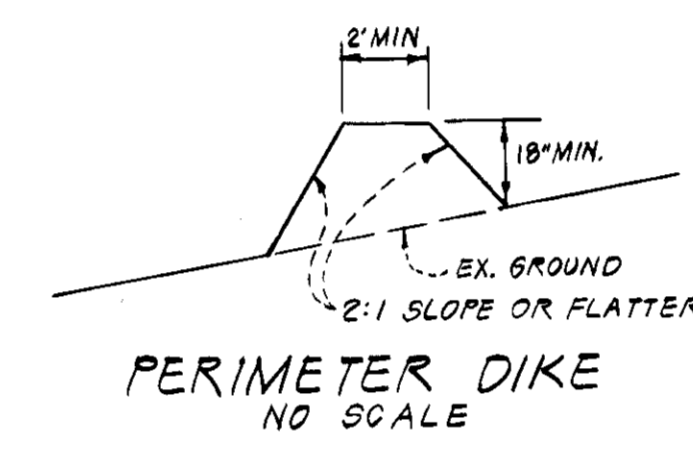
CONSTRUCTION SEQUENCE

- Construction of Sediment basin, perimeter dikes & stabilized construction entrance as shown on these plans.
  - Total area grade
  - Construct curbs/gutters & paving
  - Convert sediment basin to storm water management basin
  - Complete stabilization
- Notes: Building construction may begin during Item #2  
 \* Obtain a grading permit prior to any grading and/or clearing on the site.

STABILIZATION NOTES

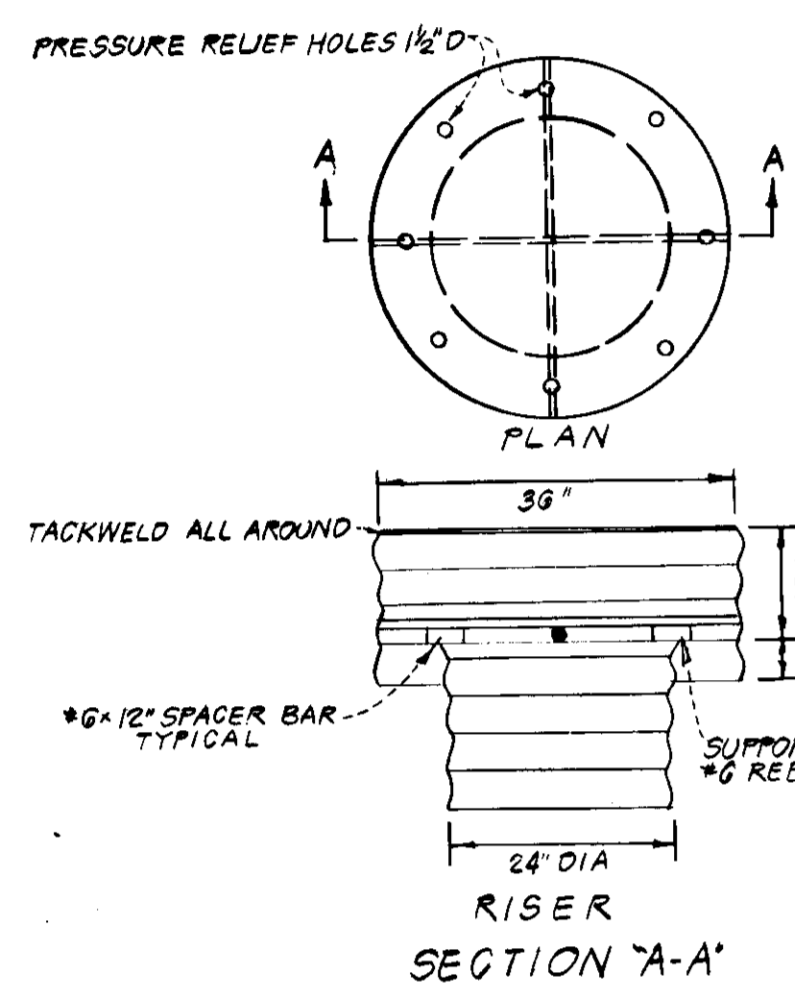
- SODDING**
- Apply 10-10-10 fertilizer @ 1000#/ac. (25\*/1000#)
  - Apply ground agricultural limestone @ 2000#/ac. (50\*/1000#)
  - Incorporate both fertilizer & lime into soil by disking to a minimum depth of 3" firm up after incorporation.
  - Lay sod to a tight fit. Roll to insure contact with underlying soil
  - Water as necessary for 1st 2 weeks (in summer) to insure establishment
- PERMANENT SEEDING**
- Prepare ground as in 1-3 above
  - Apply seed mixture (marion Kentucky bluegrass or common Kentucky bluegrass) @ rate of 40#/acre
  - Mulch all seeded areas at the rate of 1 1/2 tons/acre
  - Anchor immediately after placement by use of mulch anchoring tool or liquid binder applied @ the rate of 200 gal./acre.

- TEMPORARY SEEDING (dikes)**
- Apply 10-20-10 fertilizer at the rate of 600#/ac.
  - Apply Italian rye grass @ 40#/ac.
  - Mulch as above.
- PLANTING SEASON**
- Optimum seeding limits March 15-May 1 & August 15-September 30
  - Outside allowable limits (with approval of architect) March 1-May 30 & Aug 1-Oct 15
  - Sod may be laid in these limits other times must be approved by architect.



STREET & CURB & GUTTER SECTION

NO SCALE  
 ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CODE.



CONCENTRIC TRASH RACK & ANTI VORTEX DEVICE

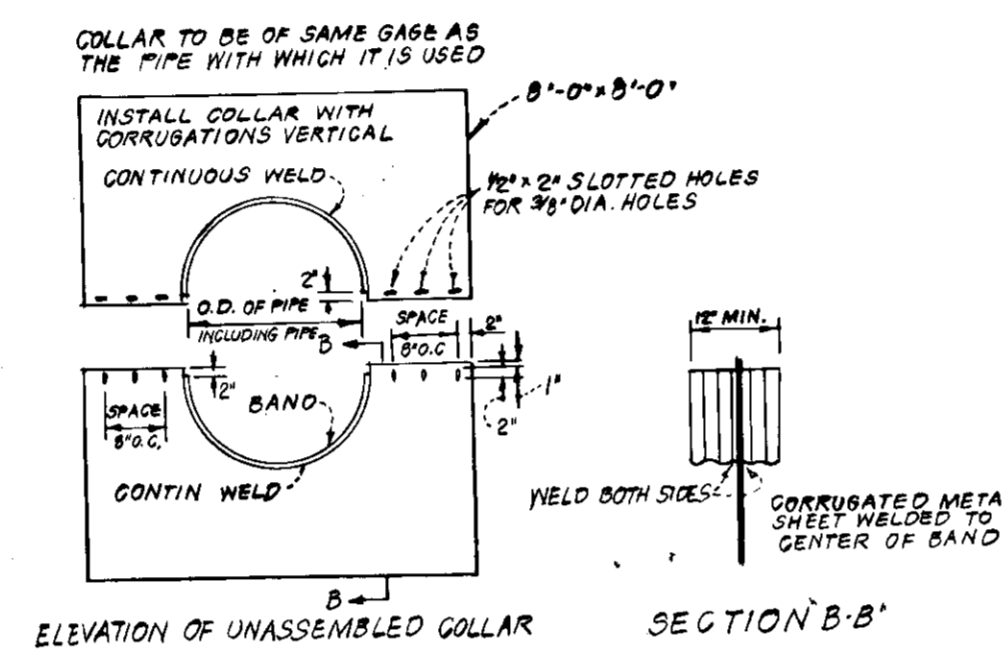
NOT TO SCALE

Top is 14 gage corrugated metal or 1/8" steel plate. Pressure relief holes may be omitted if ends of corrugations are left fully open when corrugated top is welded to cylinder.

Cylinder is 14 gage corrugated metal pipe or fabricated from 1/8" steel plates.

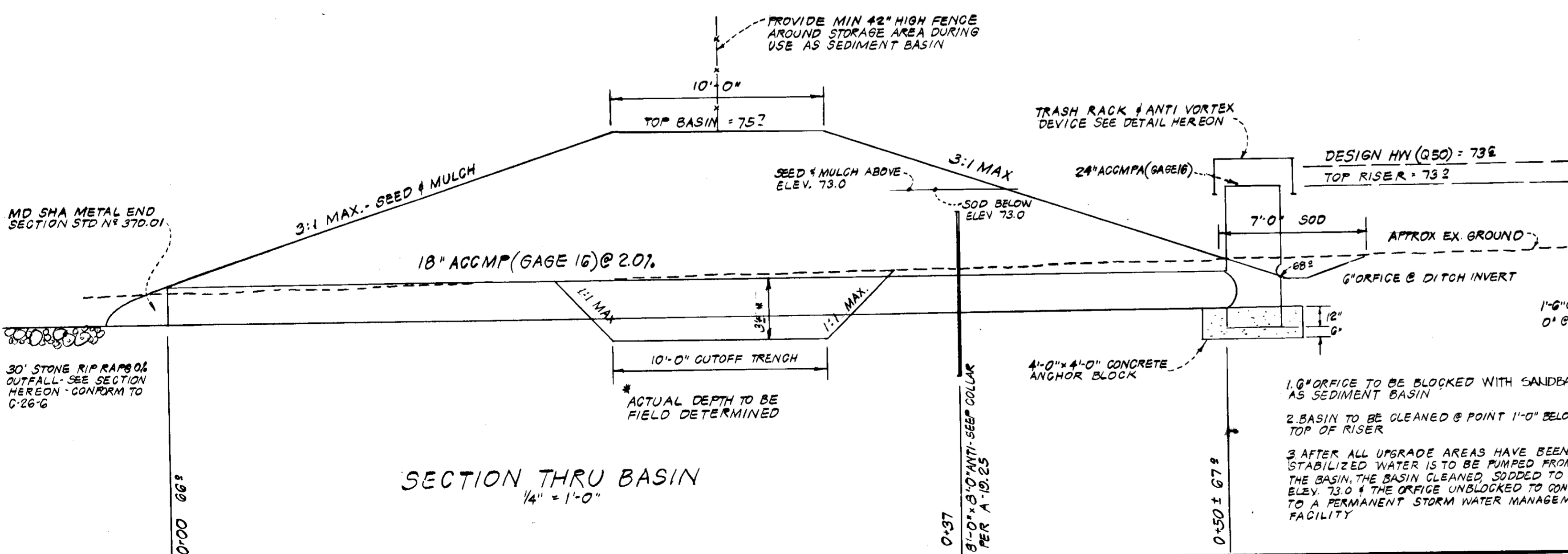
NOTES

- The cylinder must be firmly fastened to the top of the riser.
- Support bars are welded to the top of the riser or attached by straps bolted to the top of the riser.



- All materials to be in accordance with construction and construction material specs.
- When specified on the plans, coating of collars shall be in accordance with construction material specifications.
- Unassembled collars shall be marked by painting or tagging to identify matching pairs.
- The lap between the two half sections and between the pipe and connecting band shall be caulked with asphalt mastic at time of installation.
- Each collar shall be furnished with two 1/2" dia. rods with standard tank lugs for connecting collars to pipe.

DETAILS OF CORRUGATED METAL ANTI-SEEP COLLAR



SECTION THRU BASIN

1/4" = 1'-0"

STABILIZED CONST. ENTRANCE

NO SCALE

STONE OUTFALL

NO SCALE

APPROVED

DIVISION OF LAND DEVELOPMENT

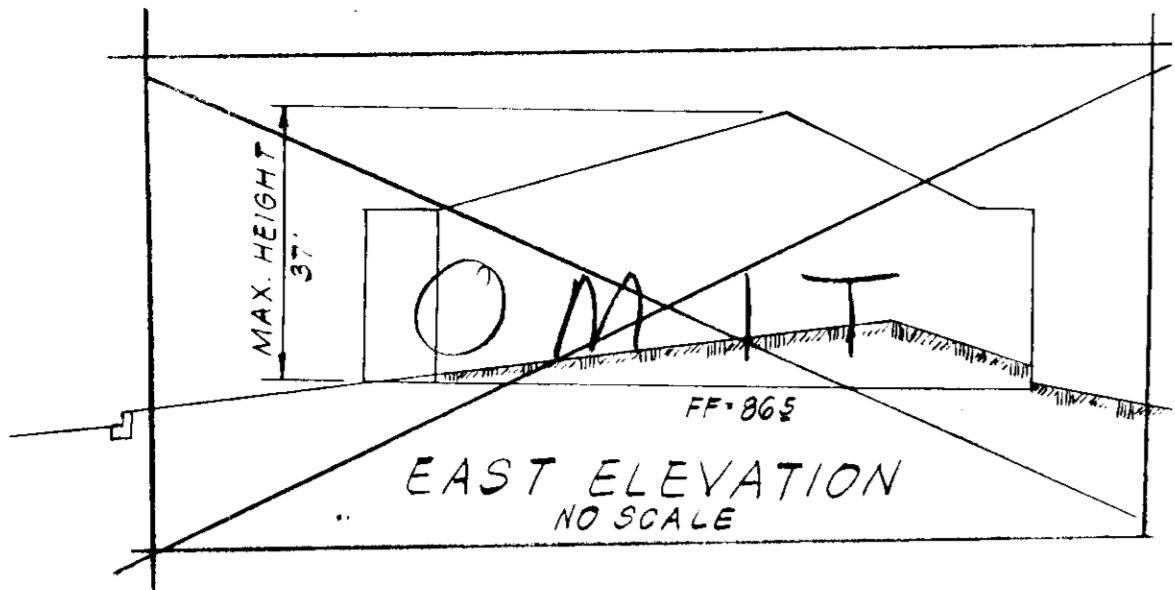
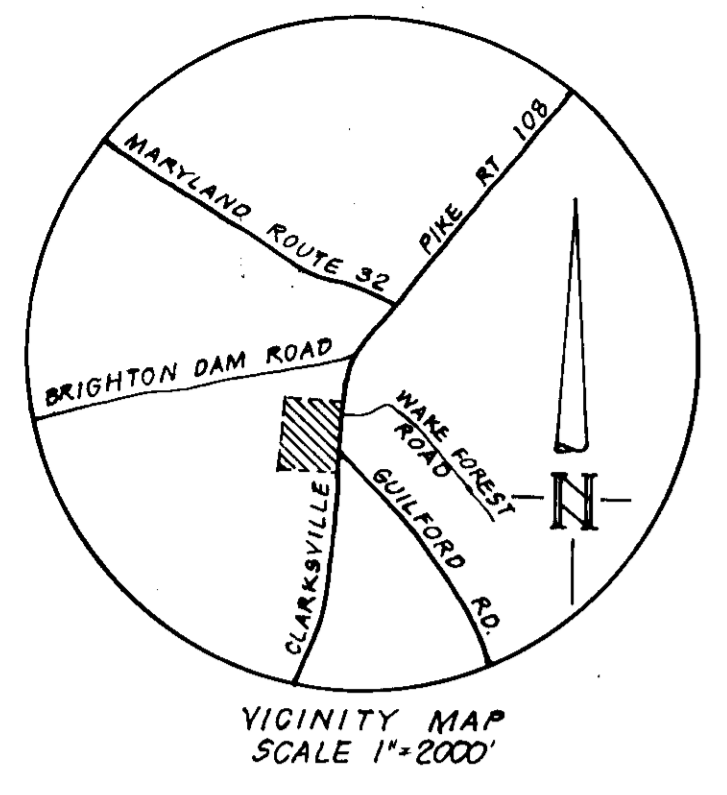
HOWARD COUNTY, MARYLAND

DATE 3-27-79

SEYBOLT, GORE, NEWQUIST & BERLINSKY  
 CIVIL ENGINEERS & LAND SURVEYORS  
 1111 BONIFANT STREET  
 SILVER SPRING, MARYLAND

**ST. LOUIS CHURCH - CLARKSVILLE**  
 3<sup>RD</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 LIBER 207 FOLIO 20B TAX MAP 34



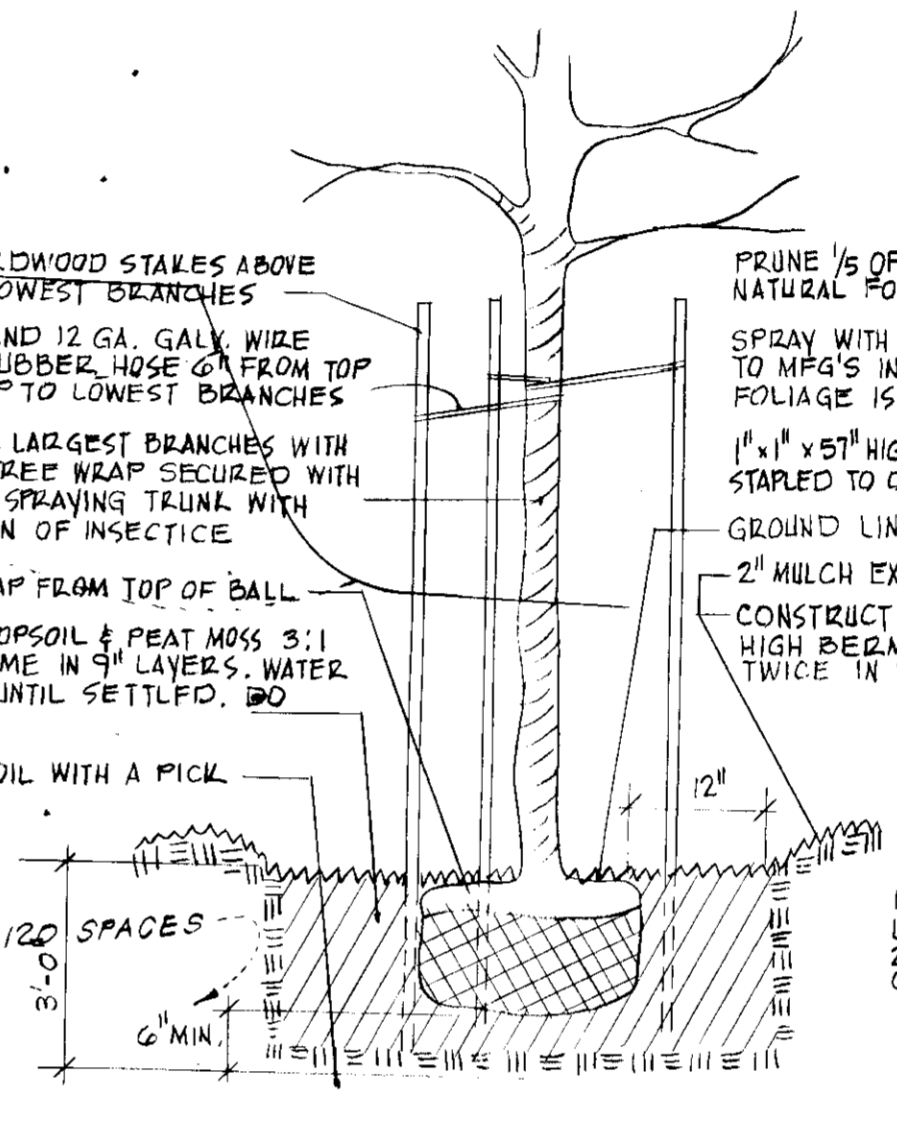
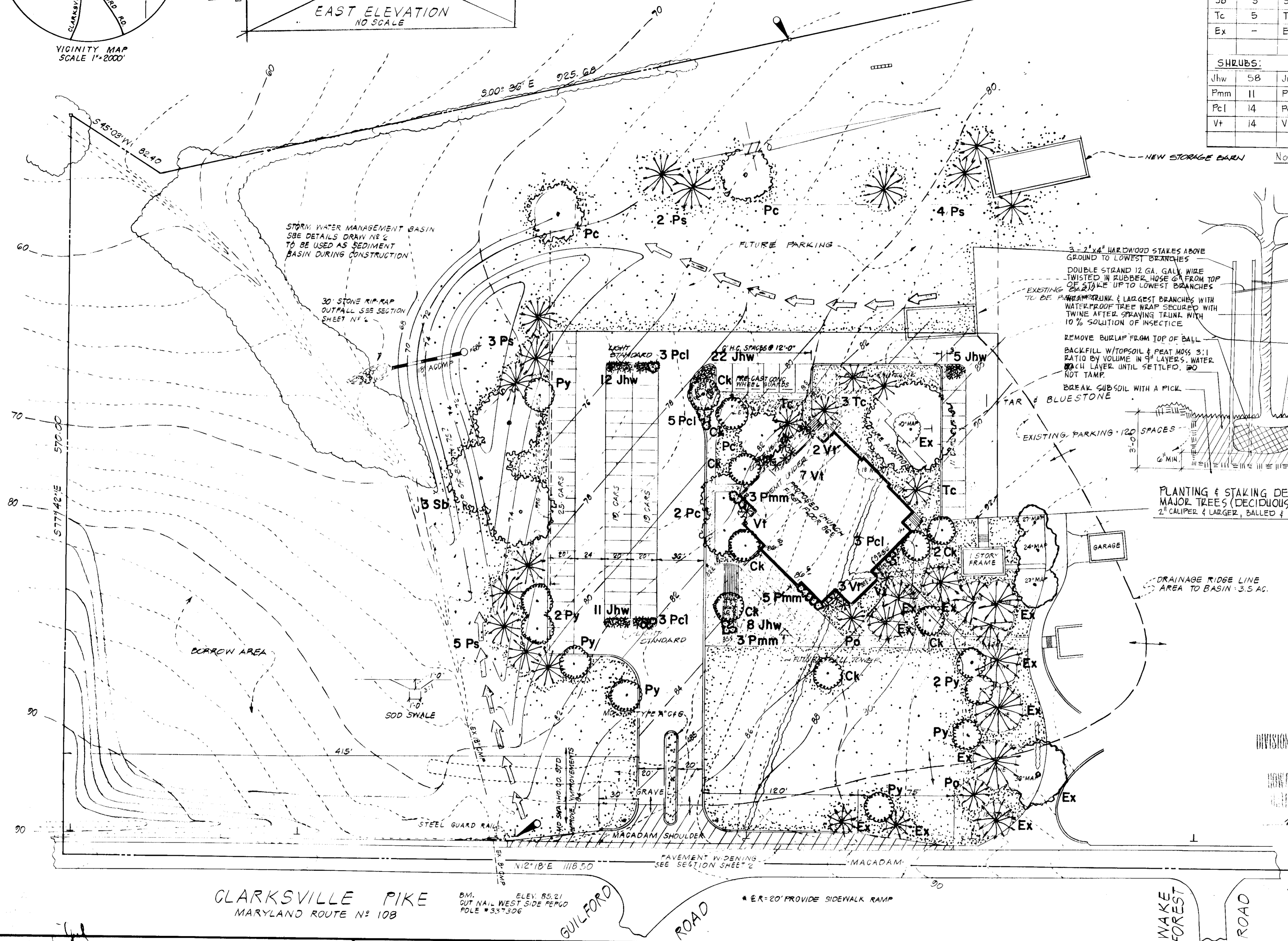


**SITE TABULATIONS**

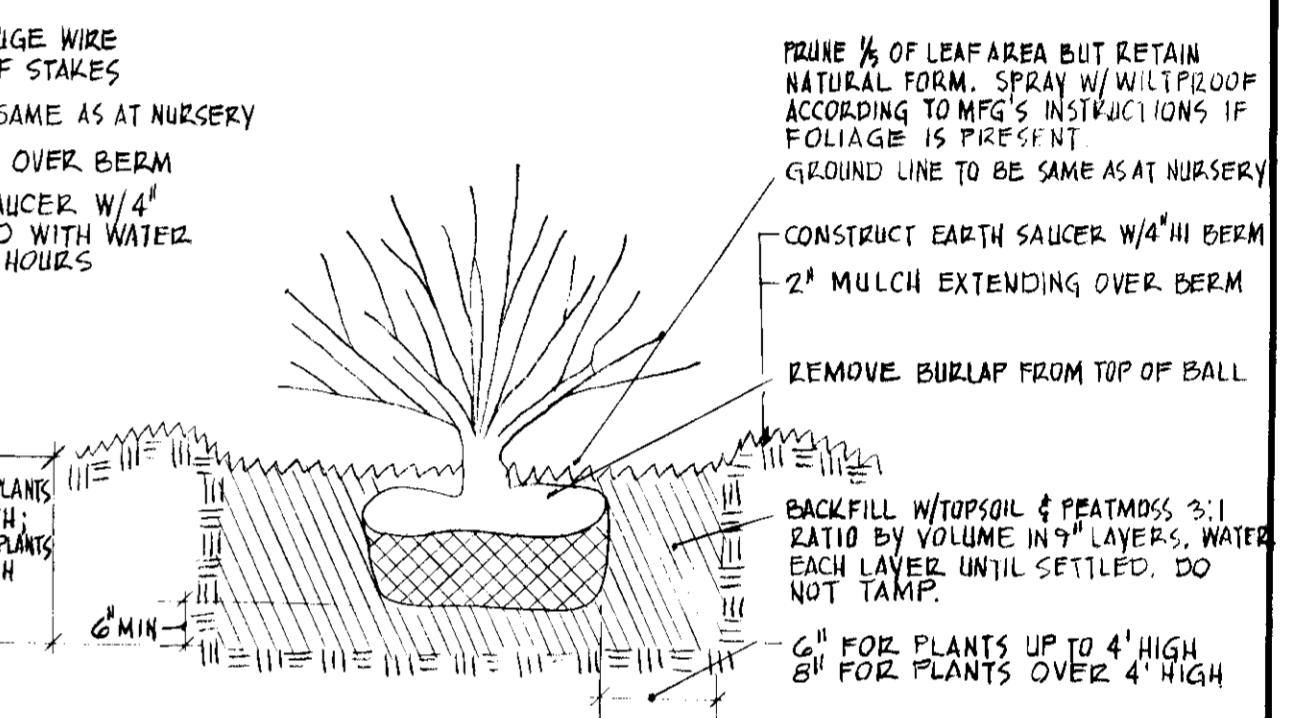
1. Area of Site 15.0 Ac.  
 2. Proposed Construction Area 3.1 Ac.  
 3. Zoning R  
 4. Parking Area 600 SEATS = 150 CARS  
 5. Parking Pro (New Const) 80 SPACES  
 EXIST SPACES: 120 SPACES  
 TOTAL 200 SPACES  
 BM. TOP OF CONC. MONUMENT EL. 74.46

PLANT MATERIAL LIST				
KEY	QUANTITY	BOTANICAL AND COMMON NAME	SIZE & NOTES	NURSERY
<b>TREES:</b>				
Ck	9	Cornus kousa - Kousa Dogwood	8' min. ht	B & B
Po	2	Picea omorika - Serbian Spruce	6' min. ht	B & B
Ps	14	Pinus strobus - White Pine	6' min. ht.	B & B
Py	9	Prunus yedoensis - Yoshino Cherry	8' min. ht.	B & B
Pc	5	Pyrus calleryana 'Bradford' - Bradford Pear	2'-2 1/2' cal.	B & B
Sb	3	Salix babylonica - Weeping Willow	2'-2 1/2' cal	B & B
Tc	5	Tsuga canadensis - Canadian Hemlock	6' min. ht.	B & B
Ex	-	Existing Evergreen and Deciduous Trees - Do Not	Disturb	
<b>SHRUBS:</b>				
Jhw	58	Juniperus horizontalis wiltoni - Blue Rug Juniper	15'-18" spd.	Cans
Pmm	11	Pinus mugo mughus - Mugo Pine	15'-18" spd.	Cans
Pcl	14	Pyracantha coccinea lalandi 'Lowboy' - Lowboy Firethorn	15'-18" ht.	Cans
Vf	14	Viburnum tomentosum - Doublefile Viburnum	24' min. ht.	B & B

Note: All plant material will be supplied and installed according to the American Association of Nurseryman's specifications.



PLANTING & STAKING DETAIL FOR MAJOR TREES (DECIDUOUS & EVERGREEN)  
 2" CALIPER & LARGER, BALLED & BURLAPPED



SHRUB PLANTING DETAIL - FOR ALL SHRUBS

Owners Name ST. LOUIS CHURCH  
 Address ROUTE 108 - CLARKSVILLE MD 21029  
 Telephone No 301-286-2250

Reviewed for Howard SCD and meets technical requirements  
*C. Wayne Ray* 4/18/79  
 SIGNATURE DATE  
 U.S. SOIL CONSERVATION SERVICE

This development plan is approved for small pond construction soil erosion and sediment control by the Howard Soil Conservation Dist.  
 APPROVED *Robert A. Brien* 4/18/79  
 HOWARD SCD DATE

APPROVED: For private water & private sewerage systems  
 Howard County Health Department  
*Joachim Borden* 4-23-79  
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning  
*William J. Ramsey* 5-22-79  
 PLANNING DIRECTOR DATE

APPROVED: For storm drainage systems and roads Howard County Department of Public Works  
*Wm. F. Nunn* 5-23-79  
 DIRECTOR DATE  
*W.C. Lubert* 5-22-79  
 CHIEF BUREAU OF HIGHWAYS DATE

SEYBOLT, GORE, NEWQUIST & BERLINSKY  
 CIVIL ENGINEERS & LAND SURVEYORS  
 111 BONIFANT STREET  
 SILVER SPRING, MARYLAND

**ST. LOUIS CHURCH - CLARKSVILLE**  
 5<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 LIBER 201 FOLIO 208 TAX MAP 34

REVISIONS

LANDSCAPE PLAN  
 DATE: 4-2-79  
 SCALE: 1" = 40'  
 SHEET NO:  
 4 OF 4

