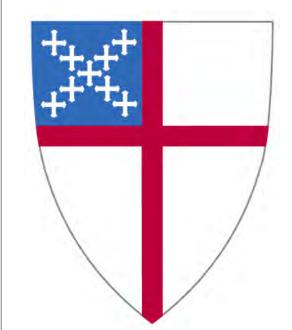




VIEW LOOKING SOUTHWEST

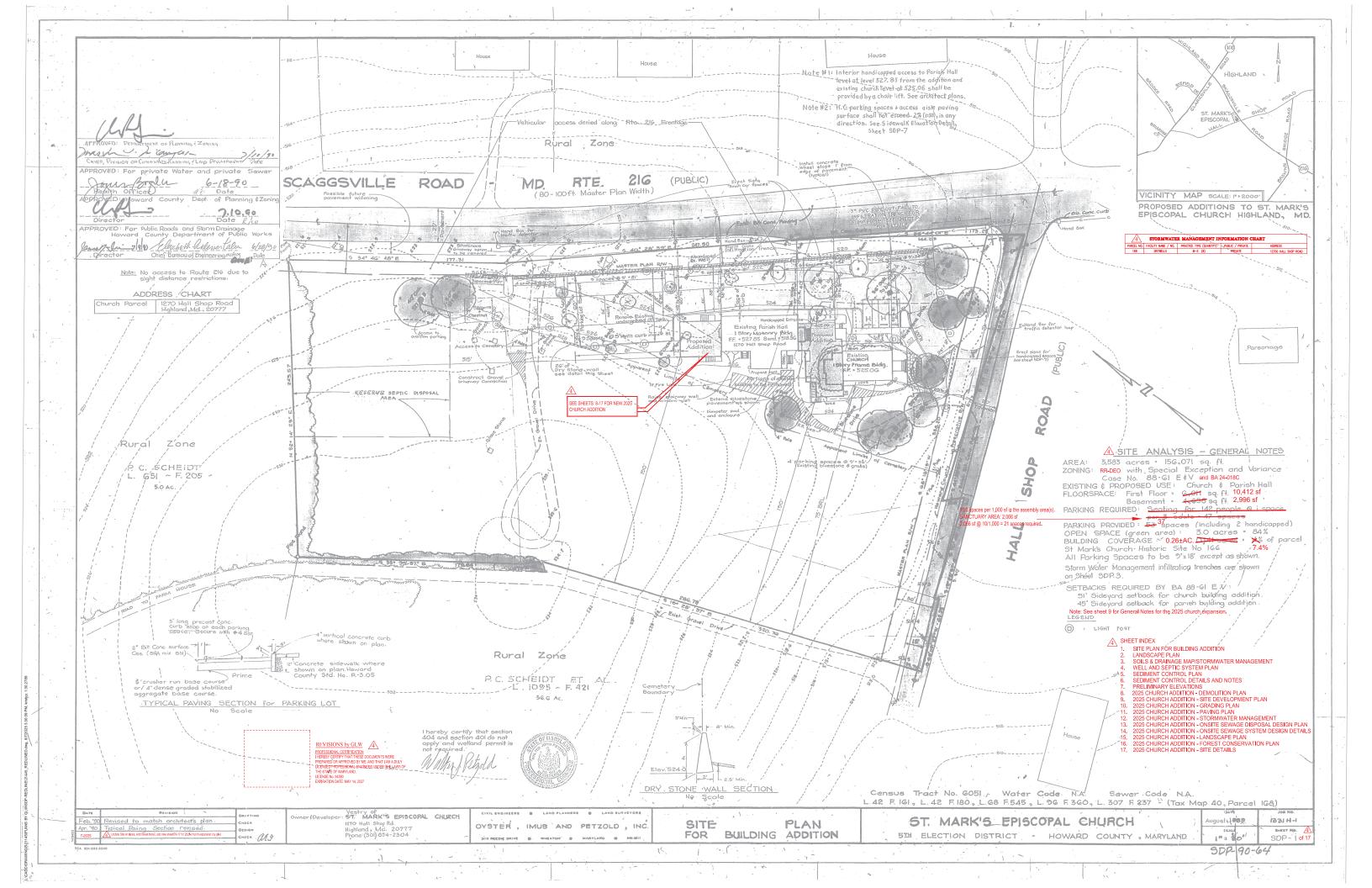
08/20/25

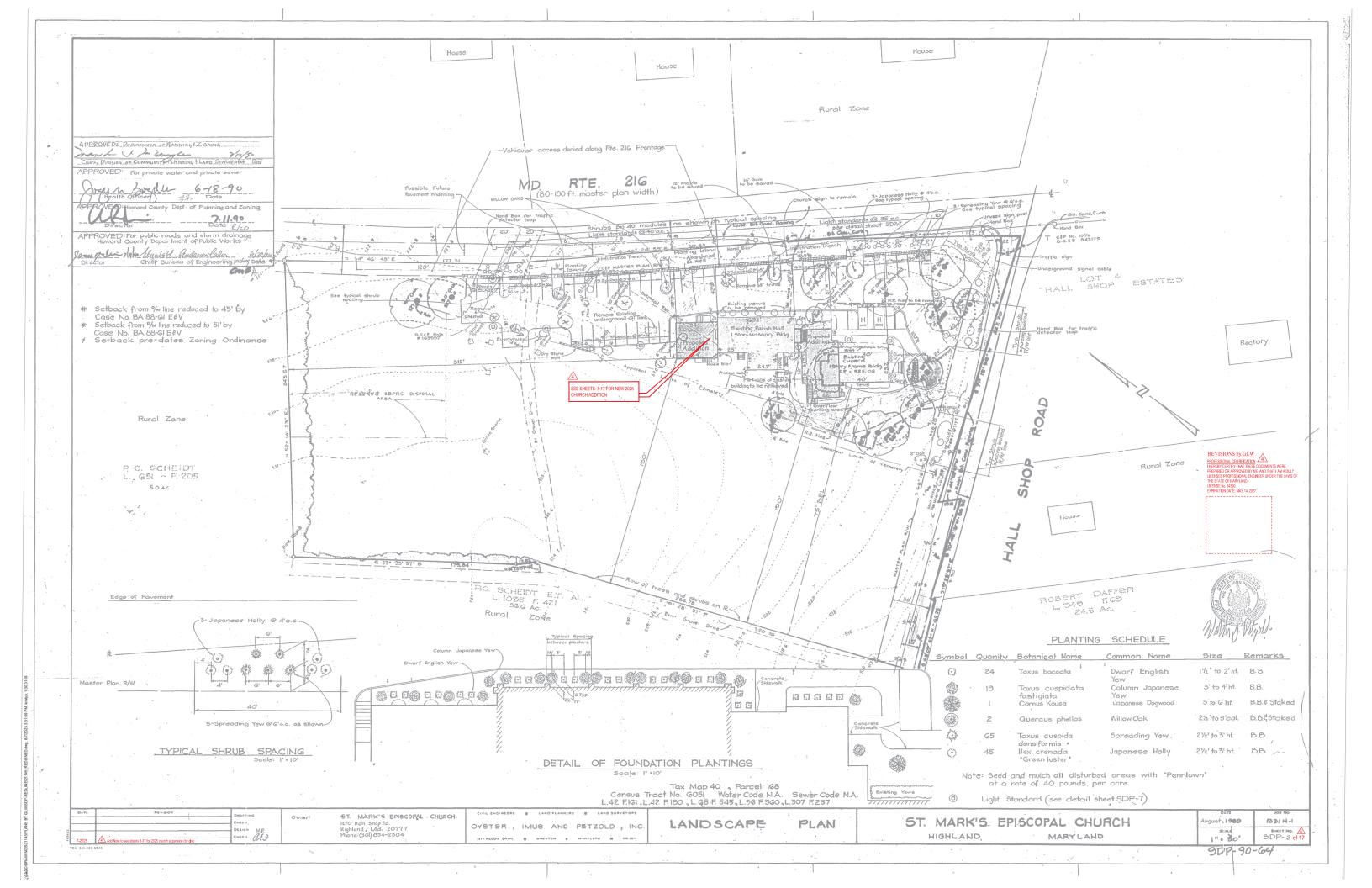


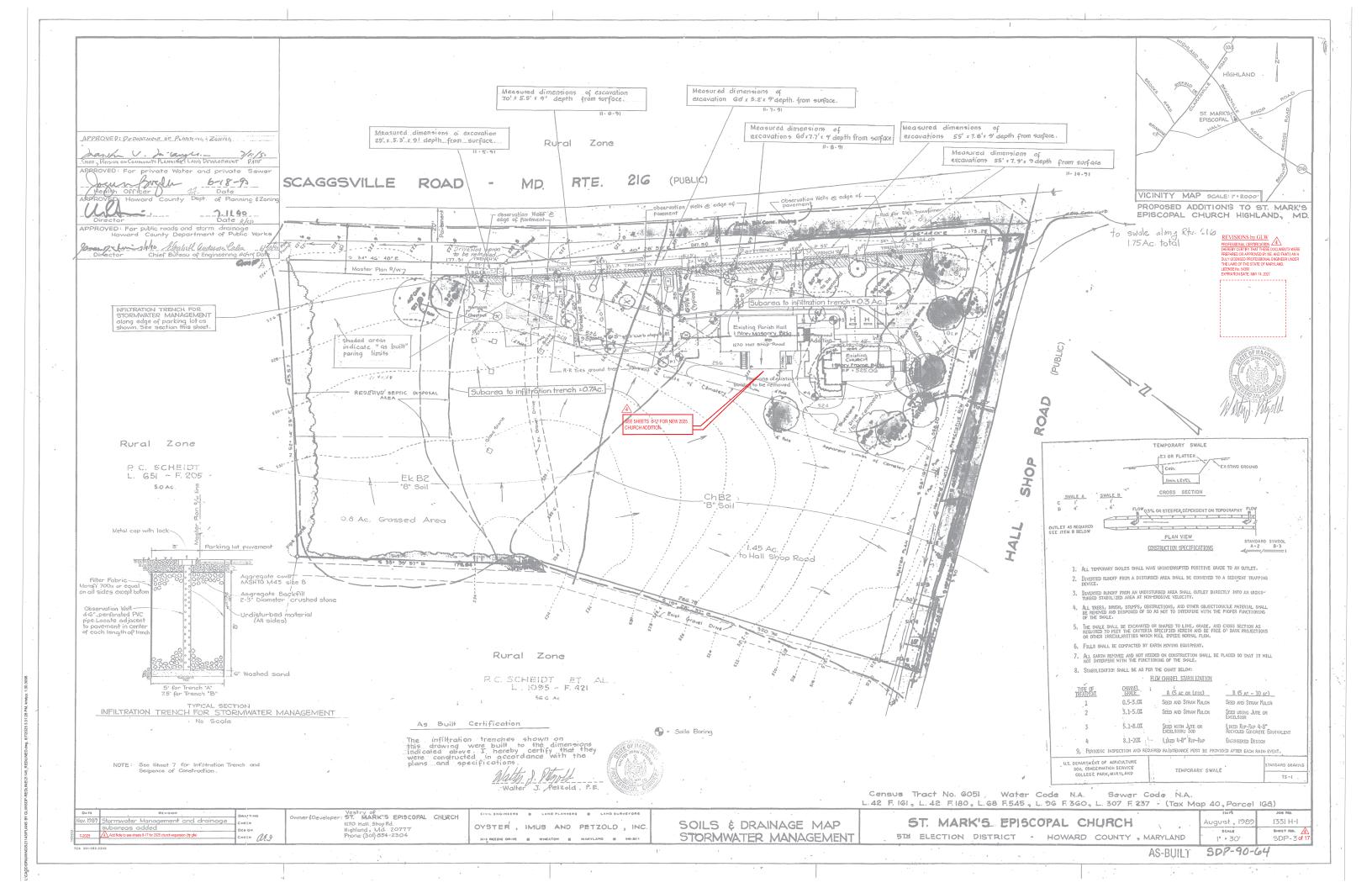


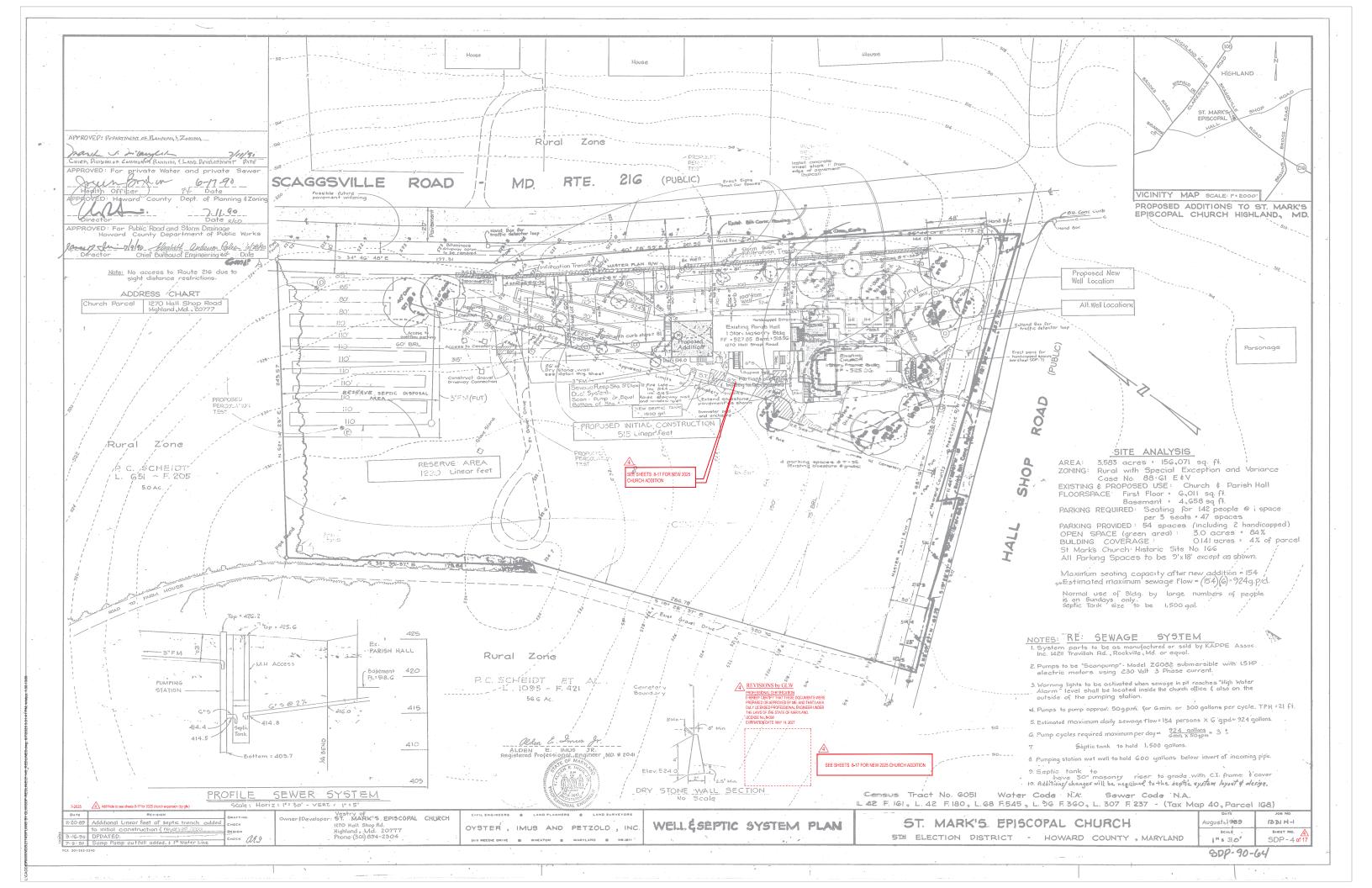
12700 HALL SHOP ROAD HIGHLAND, MD 20777

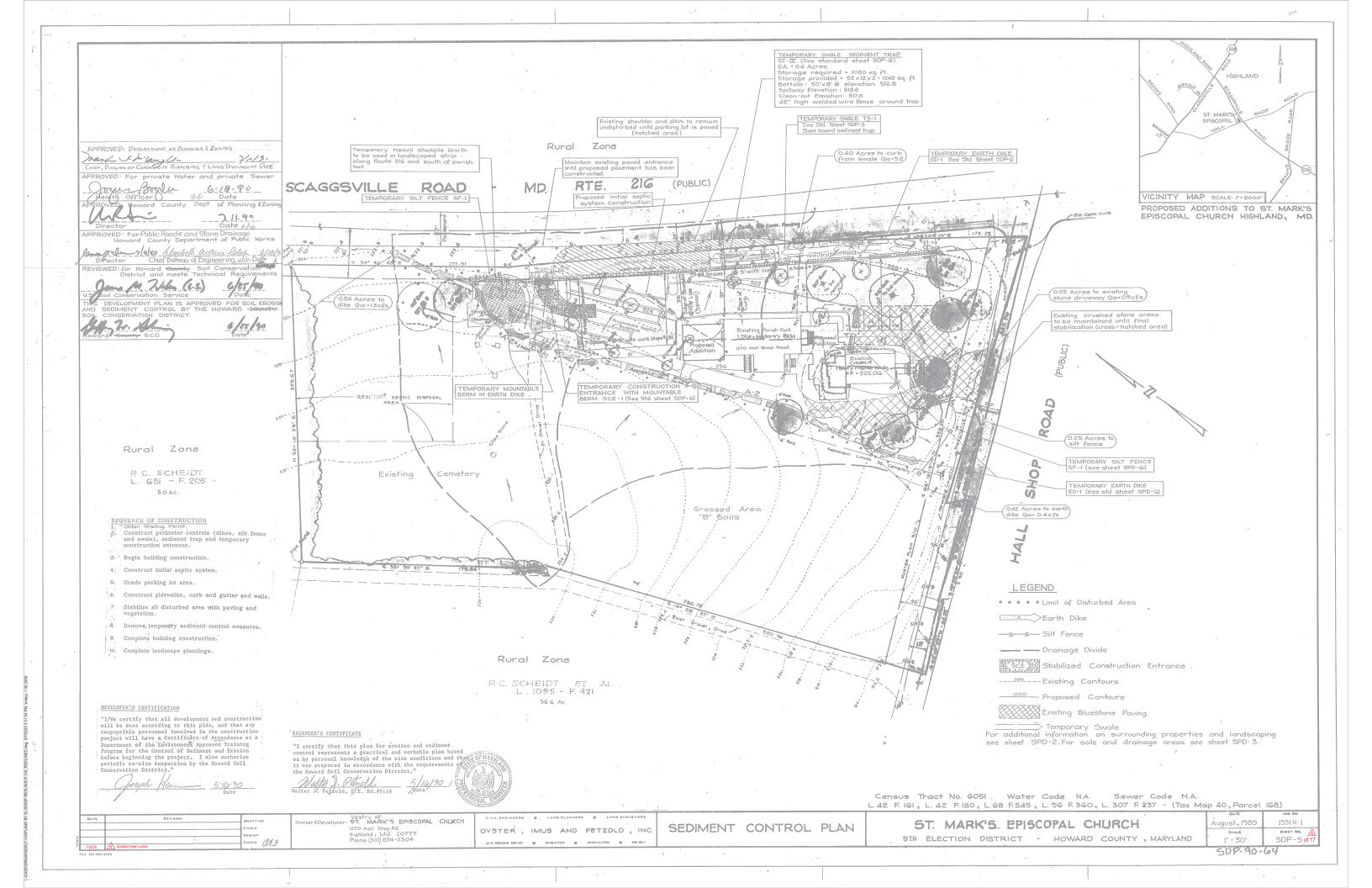


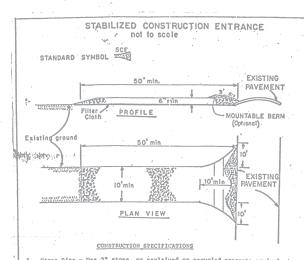












CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 2° stone, or reclaimed or recycled concrete equivalent,
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. 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.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with \$il slopes will be perfected.
7. 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 mensures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Wheels whall be cleaned to remove sediment prior to entrance onto public rights-of-way must be the public rights-of-way when we want in the public rights-of-way was stabilized with stone and which drains into an approved sediment trapping device.

7. Periodic inspection and needed maintenance shall be grounded attace and rein section.

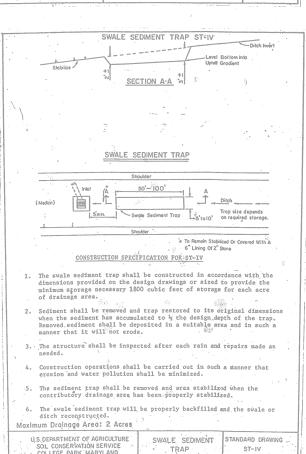
Periodic inspection and needed maintenance shall be provided after each rain.

U. S. DEPARTMENT OF AGRICULTURE STABILIZED CONSTRUCTION SOIL CONSERVATION SERVICE ENTRANCE

College Park, Md.

NOTE: For detail of Temporary Swale (TS-1). See Sheet 3.

SILT FENCE -WOVEN WIRE FENCE (MIN. IN 1/2 GAUGE, MAX. 6" MESH SPACING) PERSPECTIVE VIEW WOVEN WIRE FENCE [14 1/2 GA. MIN., MAX. 6" MESH SPACING) WITH FILTER CLOTH OF SECTION CONSTRUCTION NOTES FOR FABRICATED SILT FENCE POSTS: STEEL EITHER T OR U FENCE: HOVEN MIRE, 142 GA., 6" PAX. HESH OPENING FILTER CLOTH: FILTER X,
MIRAFI 100X, STABILINNA TIMON OR APPROVED
EQUAL PREFABRICATED UNIT: GEOFAB, UNITOFENCE, OR APPROVED EQUAL. STANDARD DRAWN U.S. DEPARTMENT OF AGRICULTURE SILT FENCE SOIL-CONSERVATION SERVICE COLLEGE PARK, MARYLAND SF-1



COLLEGE PARK, MARYLAND wner (* Developer : the Vestry of ST. MARK'S EPISCOPAL CHURCH 1270 Hall Shop Road Highland , Maryland 20777 Phone: (501) -554-2354 OYSTER , IMUS AND PETZOLD , INC

PERMANENT SEEDING NOTES

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

eedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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

Schedules:
1) Preferred — Apply 2 tons per acres dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disk 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 of disk into upper three inches of soil.

Seeding — For the periods March 1 thru April 30, and August 1 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 weeping lovegrass. 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 sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch, with 2 tons/acre well anchored straw.

Mulching - Apply'1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain stysw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for

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

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative

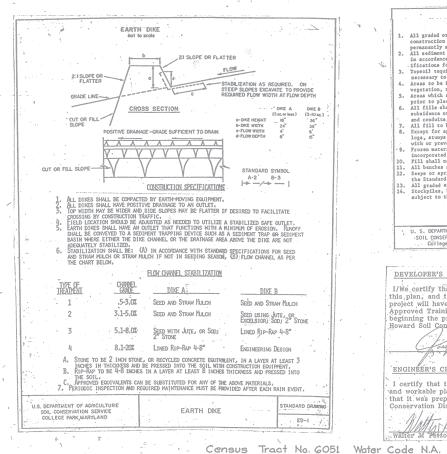
Seedbed preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: — Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: — For periods March 1 thru April 30 and from August 15 thru October 15, seed with 2-1/2 bushel per acre of annual rye (3.2-lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

<u>Mulching:</u> — Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 gq ft), of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

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



SEDIMENT CONTROL NOTES

1) A minimum of 24 hours notice must be given to

1) 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)

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 EDIMENT CONTROL.

 Following initial soil disturbance or redisturbance, 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, Chaper 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 WOY permanent sceedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and (Sec. 51) Sed (Sec. 52), temporary seeding (Sec. 50) mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment. lishment 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

7) Site Analysis:
Total Area of Site
Area Disturbed
Area to be roofed or paved
Area to be vogetatively stabilized
Area

) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.

n) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sodiment controls, but before proceeding with any other garth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

LANDGRADING Construction Specifications

Construction Specifications

All graded or disturbed areas including slopes shall be protected during cluaring and construction in accordance with the approved sediement control plan until they are peramently stabilized.

All sediement control practices and measures shall be constructed, applied and maintained in accordance with the approved sediement control plan until "denedards and Spacifications forced for the seatbhilsheamt control in brealoging Areadards and Spacifications from forced for the seatbhilsheamt control in brealoging Areadards and Spacifications of the seatbhilsheamt of vegatation shall be stockpiled in amount necessary to complete finished grading of all exposed areas.

Areas to be fulled shall be cleared, grubbed and stripped of topocil to remove trees, vegetation, roots or other objectionable material. Areas which are to be topociled shall be scarfied to a minimu depth of three inches prior to placement of topocil.

All fills—shall be compacted as required to reduce erosion, slippage, settlement, subsidence or other related problems. Fill intended to support buildings, structures and condities, etc., shall be jompseted in accordance with local requirement or codes. All fills—shall be compacted as required to reduce erosion, slippage, settlement, or codes. All forces for approved landfills, fill material shall be free of brush, rubbish, rocks, logs, attumps, building debts and other objectionable materials that would interfere with or prevent construction of satisfactory fills. From materials or soft, nuchy or highly compressible materials shall not be placed on a frosen foundation.

incorporated into fills.

Fill shall not be placed on a frozen foundation.

All benches shall be kept free of sediment during all phases of development.
Seeps or springs encountered during construction shall be handled in accordant
the Standard and Specifications for Subsurface Drain or other approved methed.
All graded areas shall be sprammently establised immediately following finish
Stockpiles, borrow areas and spoil areas shall be sphown on the plans and shall
subject to the provisions of this Standard and Specifications.

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE College Park, Md.

DEVELOPER'S CERTIFICATION

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 the Environment Approved Training Program for the Control of Sediment and Erosion before the beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation, District.

Sewer Code N.A.

ENGINÉER'S CERTIFICATION

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.

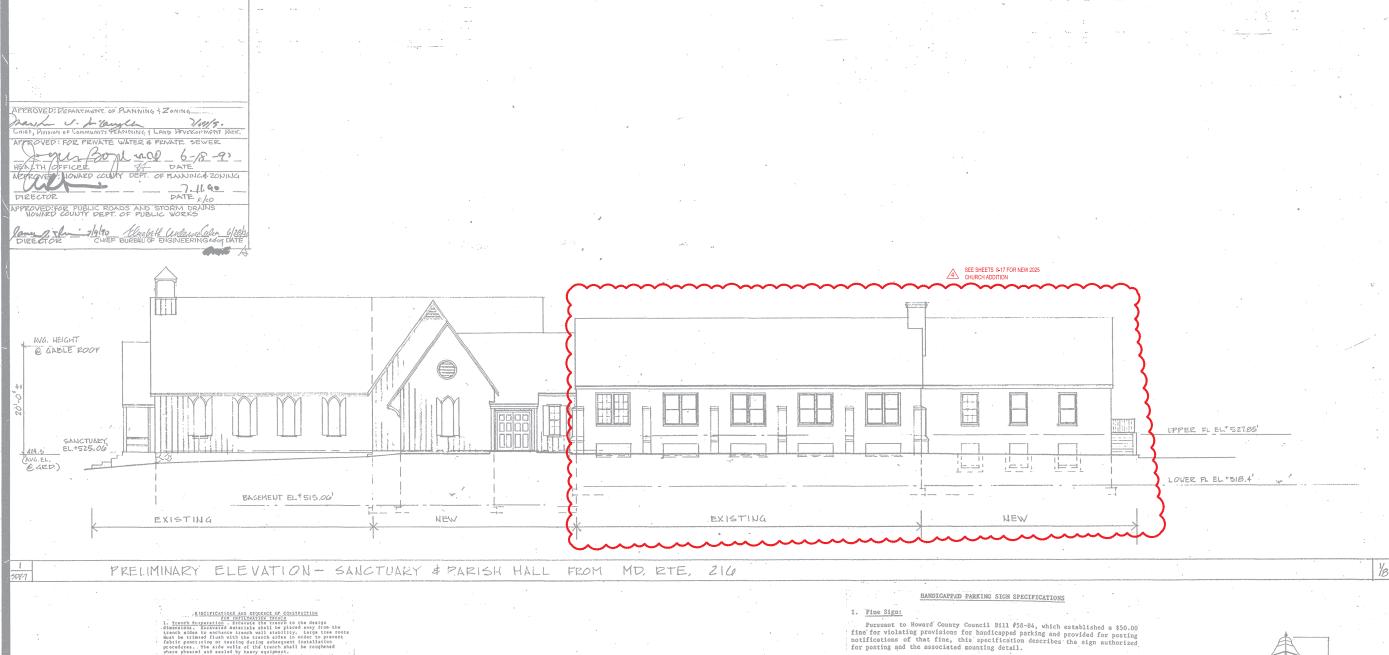
water of Persona, y.E. Md. No. 5118

(Tax Map 40, Parcel 168)

SEDIMENT CONTROL DETAILS & NOTES

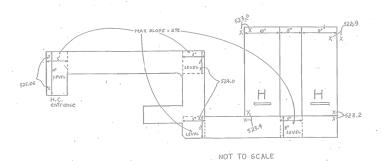
L. 42 F.161, L.42 F.180, L.68 F. 545, L.96 F.360, L.307 F.237 ST. MARK'S EPISCOPAL CHURCH 5TH ELECTION DISTRICT - HOWARD COUNTY, MARYLAND August, 1989 1331/H-1

SDP-G of 1 No Scale



REVISIONS by GLW 4





SIDEWALK ELAVATION DETAIL

Census Tract No. 6051 Water Code N.A. Sewer Code N.A. L.42 F.161, L.42 F.180, L.68 F.545, L.96 F.360, L.307 F.237 - (Tax Map 40, Parcel 168)

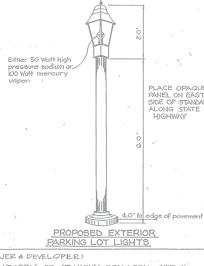


Sign to utilize an aluminum blank 6" x 12" x 0.080 inch thick with two (2) single post mounting holes. The text and border shall be standard green to match the R7-8 reserved parking sign and the background shall be reflective white. The text shall be 3" characters.

II. Mounting:

The above fine sign shall be mounted undermeath the below R7-8 reserved parking sign. The bottom edge shall be no less than 7 feet above ground. If the sign is placed against a building, structure or other location where vehicle or pedestrian traffic is not obstructed, the bottom edge of the sign shall be at least 6 feet, but no more than 10 feet above ground. Recause this is in addition to existing sign installations, some adjustment in height will be necessary. be necessary.





OWNER & DEVELOPER! VESTRY OF ST. MARK'S EPISCOPAL CHURCH 1270 HALL SHOP RD. HIAHLAND, MD 20777 PHONE: 501-854-2304

FIG 5 PLACE OPAQUE PANEL ON EAST SIDE OF STANDAY ALONG STATE HIGHWAY date 8.28.89 revisions rawing title PRELIMINARY

drawing number SDP-7

, Elliott, Cahill, eaux & Mullineaux

Duane, Mulline

CHURCH

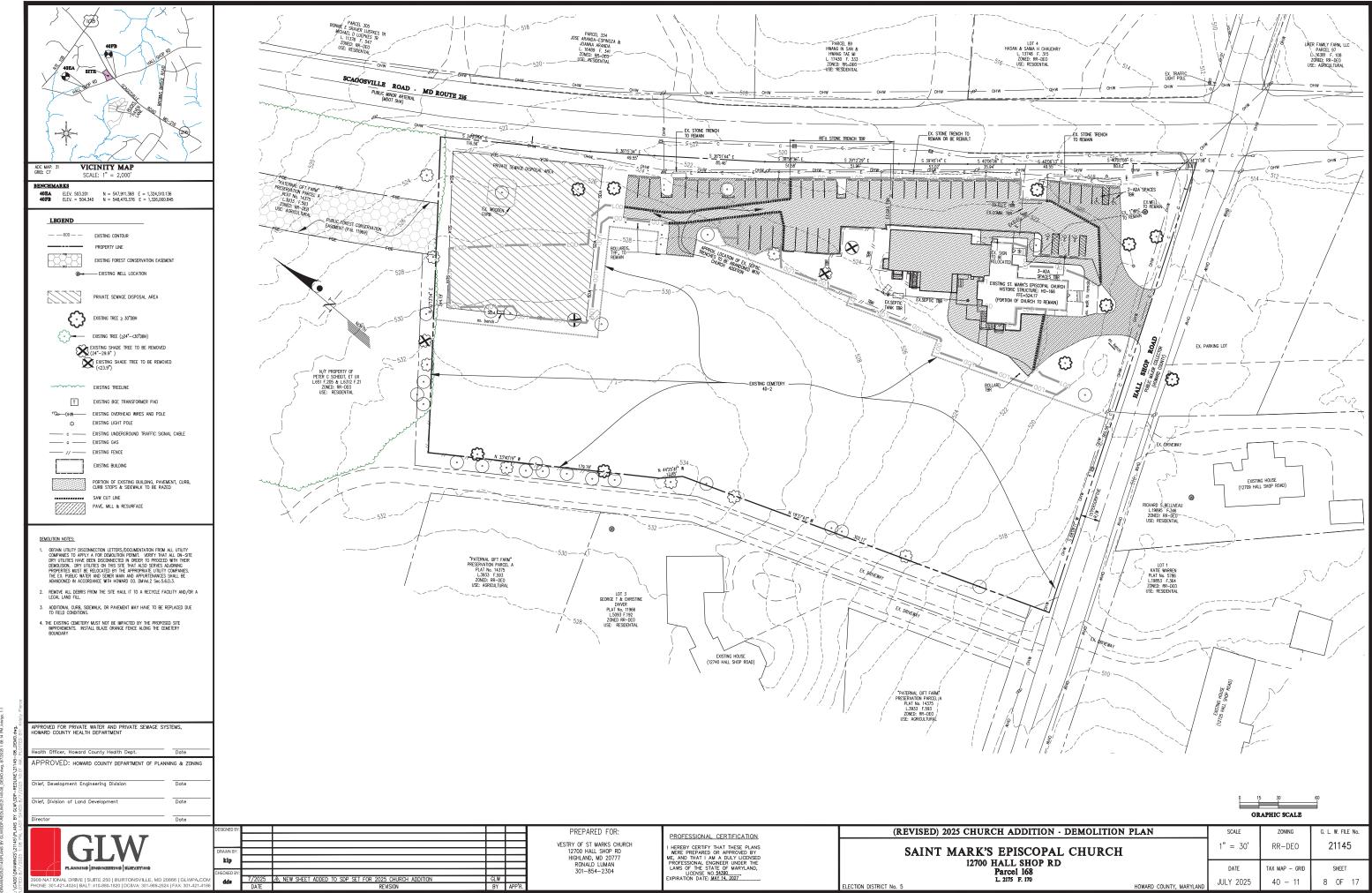
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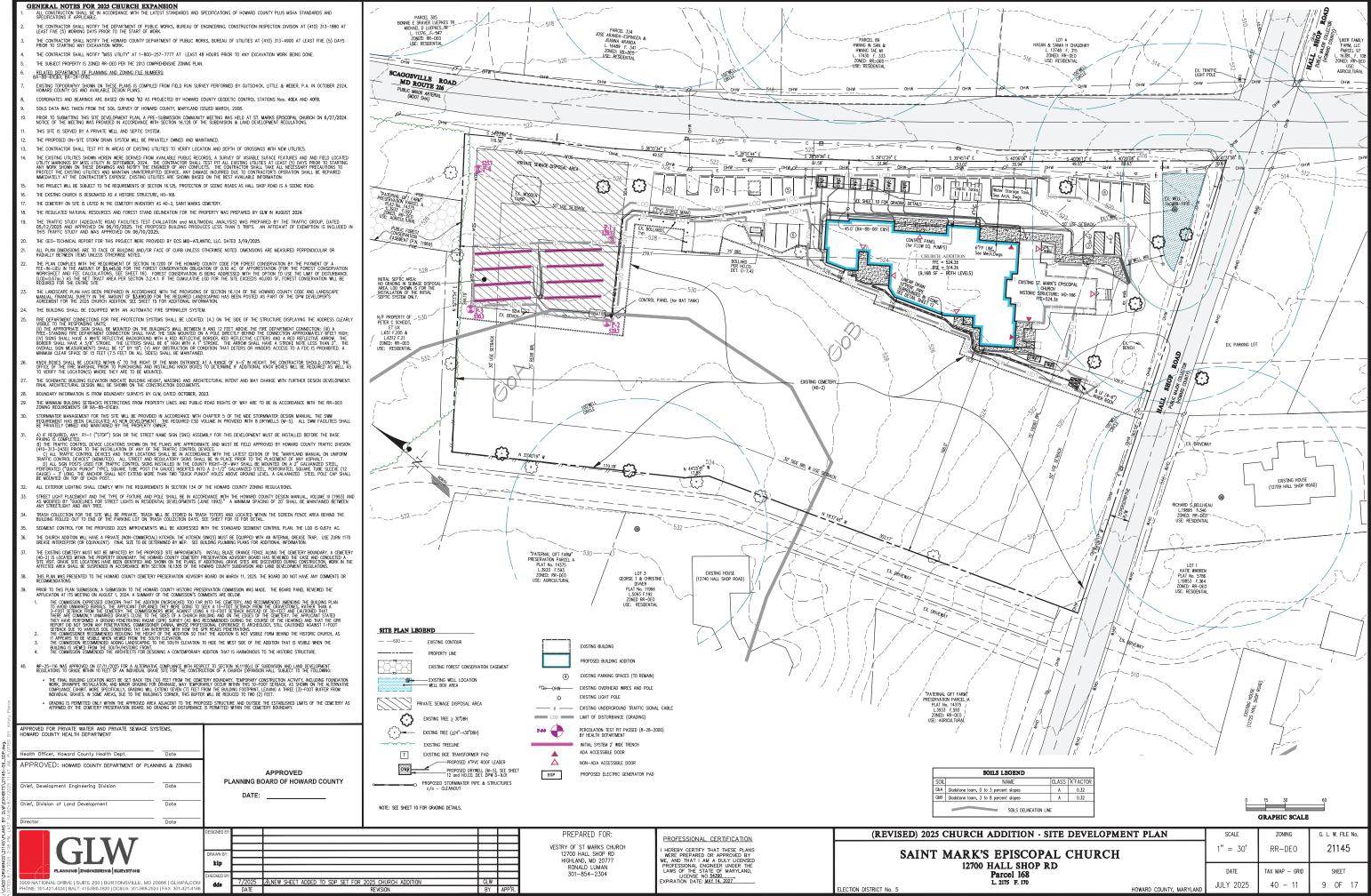
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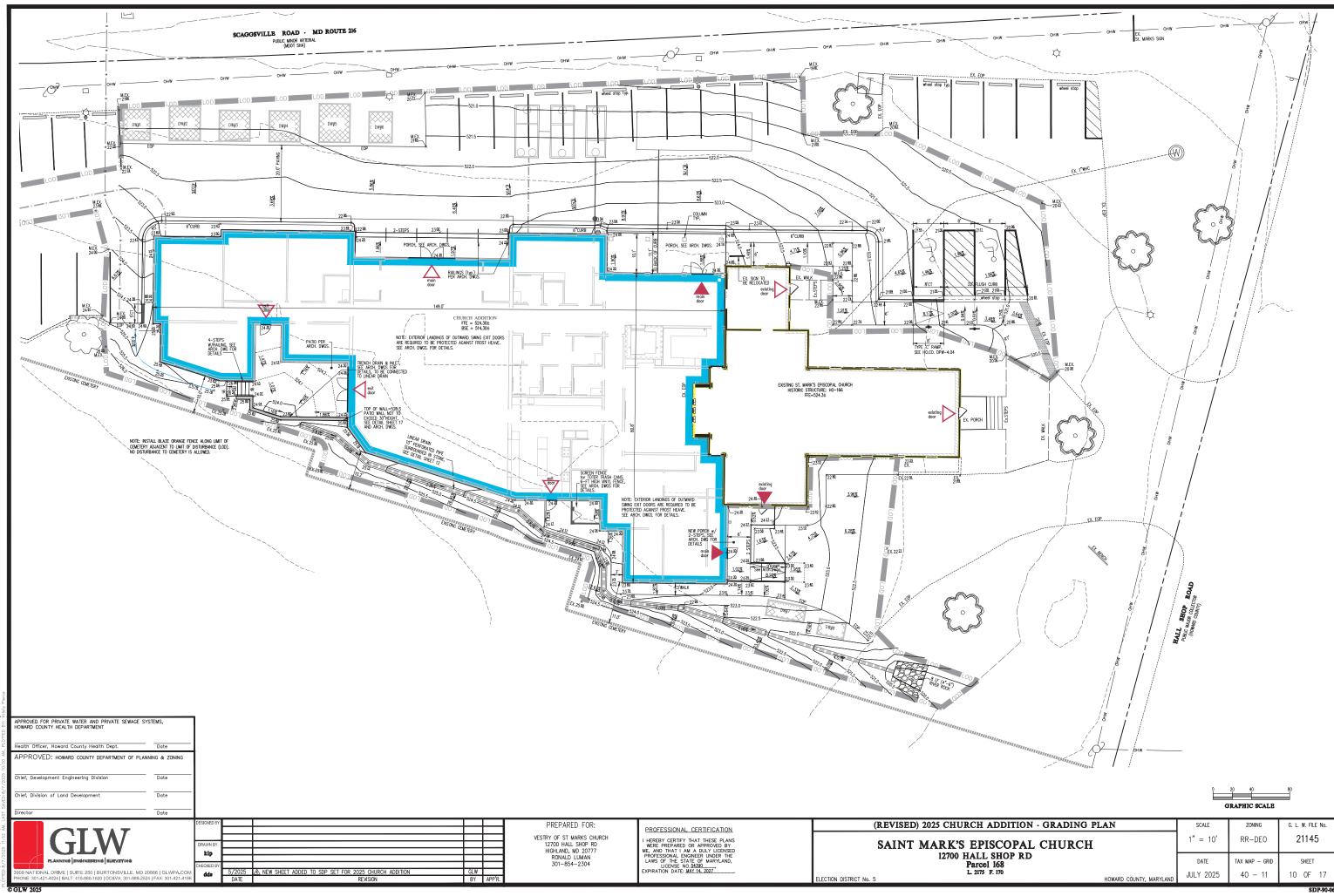
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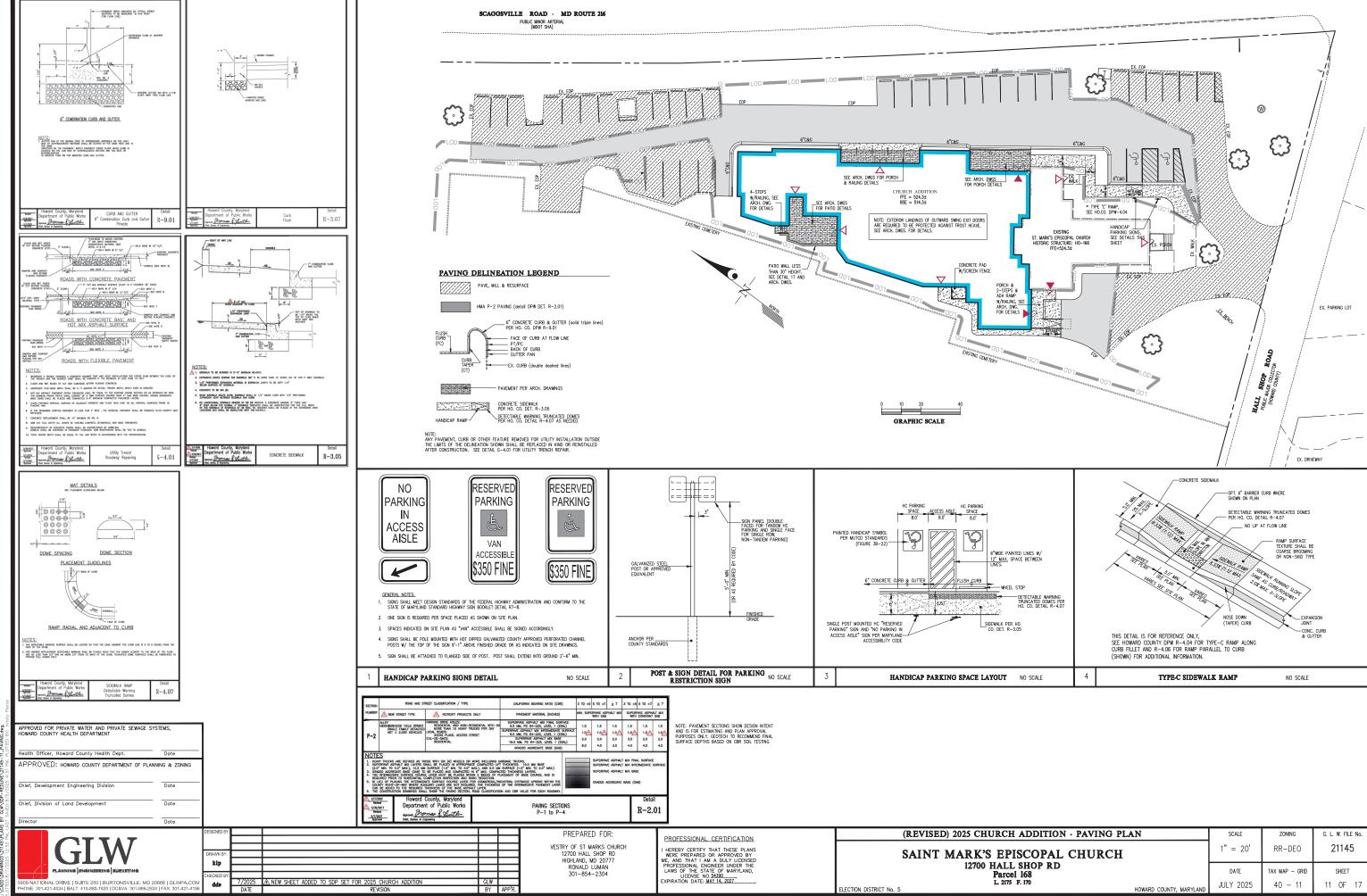
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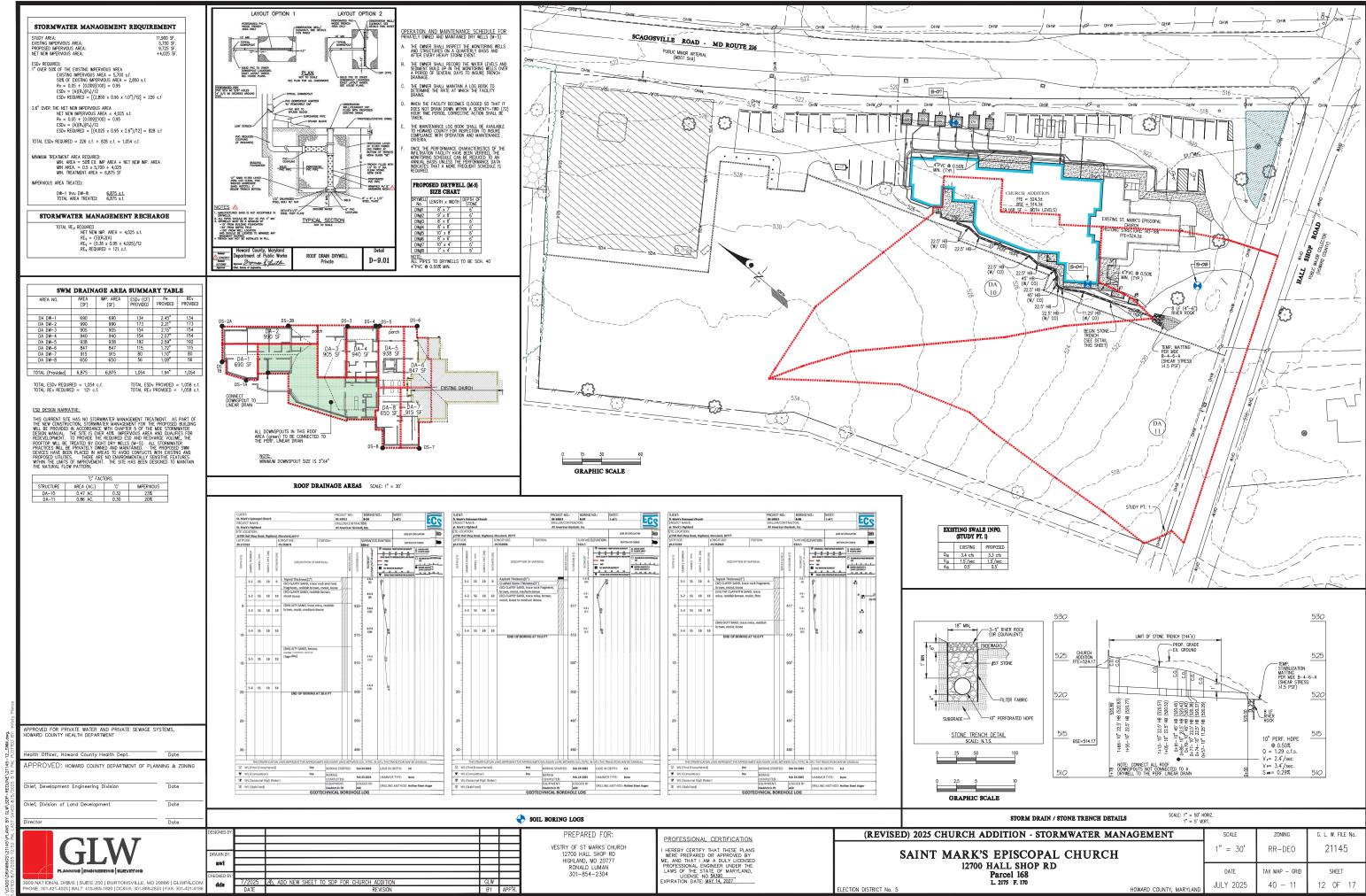


-90-064

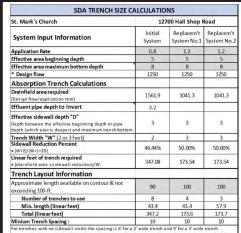


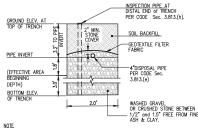






DP-90-064





NOTE. SEE SDA TRENCH SIZE CALCULATIONS (ABOVE) AS PIPE INVERT & EFFECTIVE AREA BEGINNING DEPTH MAY NOT BE THE SAME FOR ALL SYSTEMS.

	SD	SDA TRENCH ELEVATION CHART						
RENCH No.	1	2	3	4	5	6	7	8
Ground Elevation	530.00	530.00	529.40	529.40	529.00	529.00	528.50	528.50
Pipe Invert Elevation	526.80	526.80	526.20	526.20	525.80	525.80	525.30	525.30
ffective Area Beginning Depth	525.00	525.00	524.40	524.40	524.00	524.00	523.50	523.50
Bottom of Trench	522.00	522.00	521.40	521.40	521.00	521.00	520.50	520.50

SEPTIC TRENCH SECTION DETAIL NO SCALE

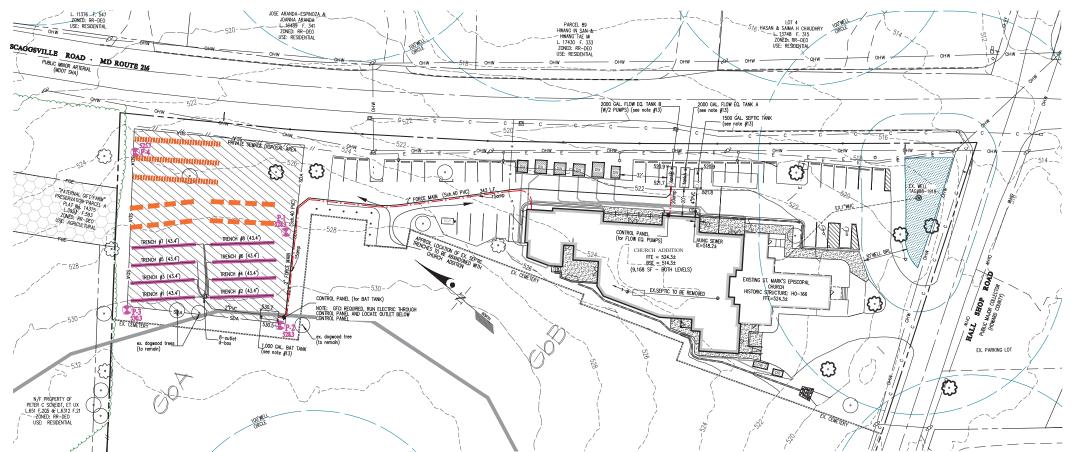
PDICAL MERKY F.DIW.CALCILLATION:
THE TYPICAL MEEKY F.DIW IS BASED ON THE AVERAGE PEAK ATTENDANCE FOR A SUNDAY SERVICE
NUMBER OF ATTENDEDS:
120
DESIGN FLORE:
5 OPD CHURCH ASSEMBLY HALL WITH PRIVATE (NON-COMMERCIAL) KITCHEN
600 OPD (SH2D)

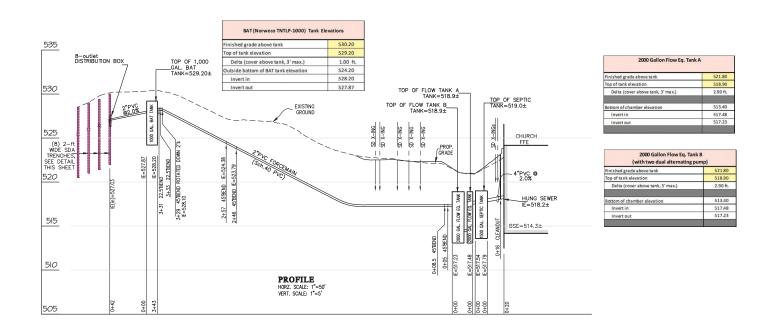
YEARY PEAK FLOW CALCULATION.
THE FEAK FLOW IS BASED ON THE HIGH ATTRIDANCE WEDDING OR FUNERAL THAT IS EXPECTED TO
HAPPEN 3-4 TIMES A YEAR.
NAMER OF ATTRIDEES: 250
ESION FLOW: 5 OP CHURCH ASSEMBLY HALL WITH PRIVATE (NON-COMMERCIAL) KITC

5 GPD CHURCH ASSEMBLY HALL WITH PRIVATE (NON-COMMERCIAL) KITCHEN = 1,250 GPD (5x250)

	SOILS LEGEND						
SOIL	NAME	CLASS	'K'FACTOR				
GbA	Gladstone loam, 0 to 3 percent slopes	A	0.32				
GbB	Gladstone loam, 3 to 8 percent slopes	Α	0.32				
SOUS DELINEATION LINE							







LEGEND - - 430--430 PROPOSED 2-FT CONTOUR WELL BOX LOCATION PRIVATE SEWAGE DISPOSAL AREA DW-# DRYWELL LOCATION FIRST REPLACEMENT SYSTEM 3' WIDE TRENCH SECOND REPLACEMENT SYSTEM 3' WIDE TRENCH PERCOLATION TEST PIT PASSED (8-28-2000) BY HEALTH DEPARTMENT

THE EXISTING WELLS SHOWN ON THIS PLAN (IDENTIFIED WITH THE WELL TAG NUMBER HO-88-1918) HAS BEEN FIELD LOCATED BY G.L.W. (PROFESSIONAL LAND SURVEYORS) AND IS ACCURATELY SHOWN ON THIS PLAN.

. THE MAXIMUM EARTH COVER OVER THE TANKS IS 3 FEET. GREATER EARTH COVER WILL REQUIRED A HEAVY LOAD BEARING TANK.

. EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100° (
THE PROPOSED IMPROVEMENTS AND THOSE 200° DOWN GRADIENT OF EXISTING
PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.

ELECTRICAL WORK FOR THE SEPTIC SYSTEM INSTALLATION MUST BE PERFORM

. THE BAT SYSTEM SHALL BE MAINTAINED AND OPERATED FOR THE LIFE OF TH SYSTEM.

. THE BAT SYSTEM SHALL BE OPERATED BY AND MAINTAINED BY A CERTIFIED SERVICE PROVIDER.

. Within one month of installation, a person installing the bat system shall report to the mark-and department of the environment (MDE) i a manner acceptable to MDE, the address and date of completion of the bat installation and the type of bat installed.

ELECTRICAL WORK FOR THE BAT INSTALLATION MUST BE PERFORMED BY A

AN AGREEMENT AND EASEMENT MUST BE COMPLETED AND SIGNED BY ALL APPLICABLE PARTIES, AND RECORDED IN LAND RECORDS OF HOWARD COUNTY

THE HEALTH DEPARTMENT REQUIRE DOCUMENTATION FOR THE START-UP CERTIFICATION FROM THE MANUFACTURER PRIOR TO FINAL APPROVAL OF THE INSTALLATION.

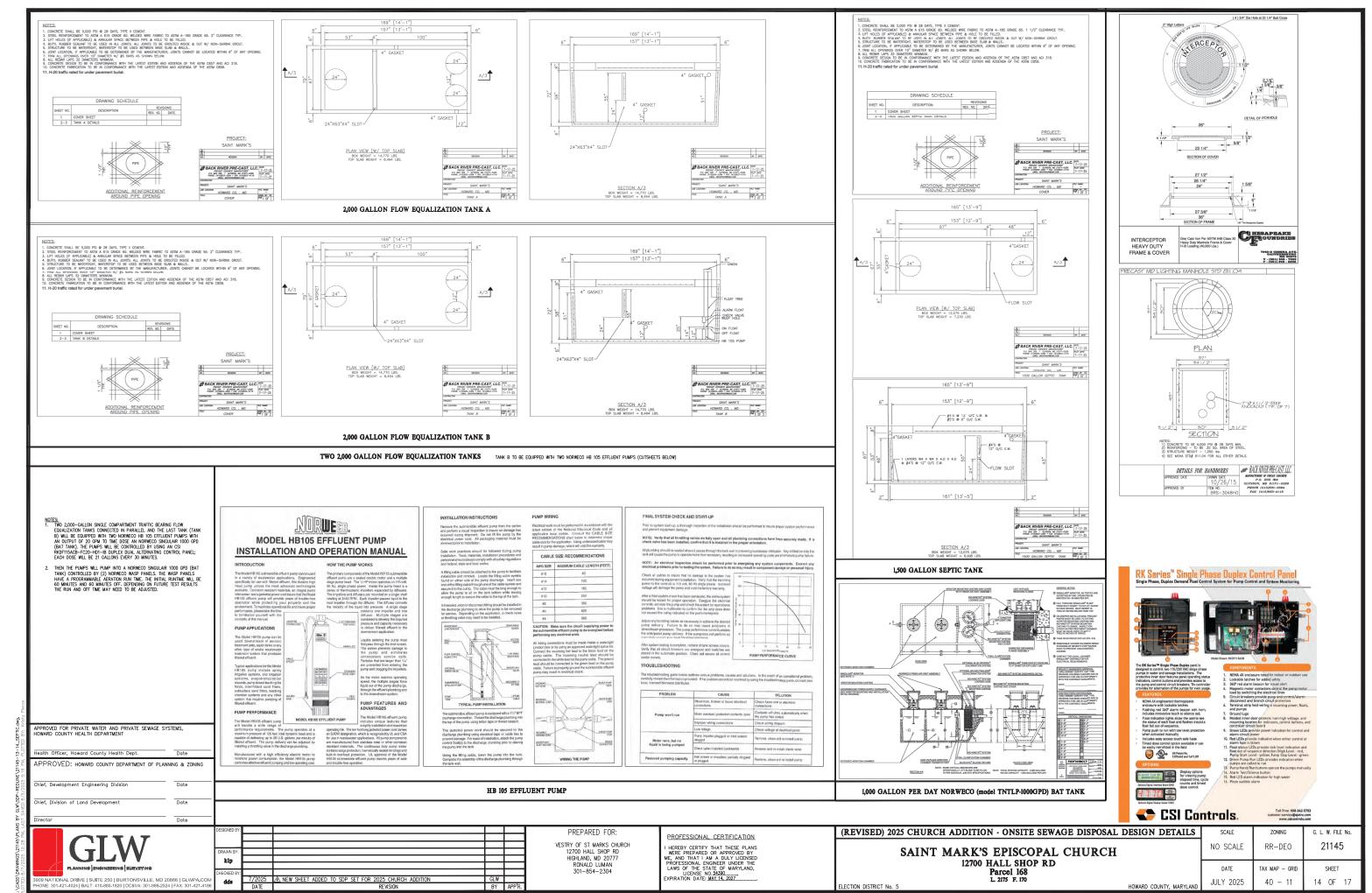
ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED OSDS PLAN MAY BE REQUIRED.

. THE CHURCH ADDITION WILL HAVE A PRIVATE (NON-COMMERCIAL) KITCHEN. TH Z. THE. CHRISCH AUDITION MILITARY. A PHYSICIAL (NON-CLAMBACKAIA) RICHEN, INST KITCHEN SINK(S) WILL BE COUPPED WITH AN INTERNAL GREASE TRAP. USE ZURN 170 GREASE INTERCEPTOR (OR COUNTAINT), FINAL SIZE TO BE DETERMINED BY MEP. SEE BUILDING PLUMBING PLANS FOR AUDITIONAL INFORMATION. THE HEALTH DEPT DOES NOT REQUIRE A GREASE TRAP ON THE NON-COMMERCIAL KITCHEN AS LONG AS GREASE IS NOT BEING INTRODUCED IN THE WASTEWATER SYSTEM.

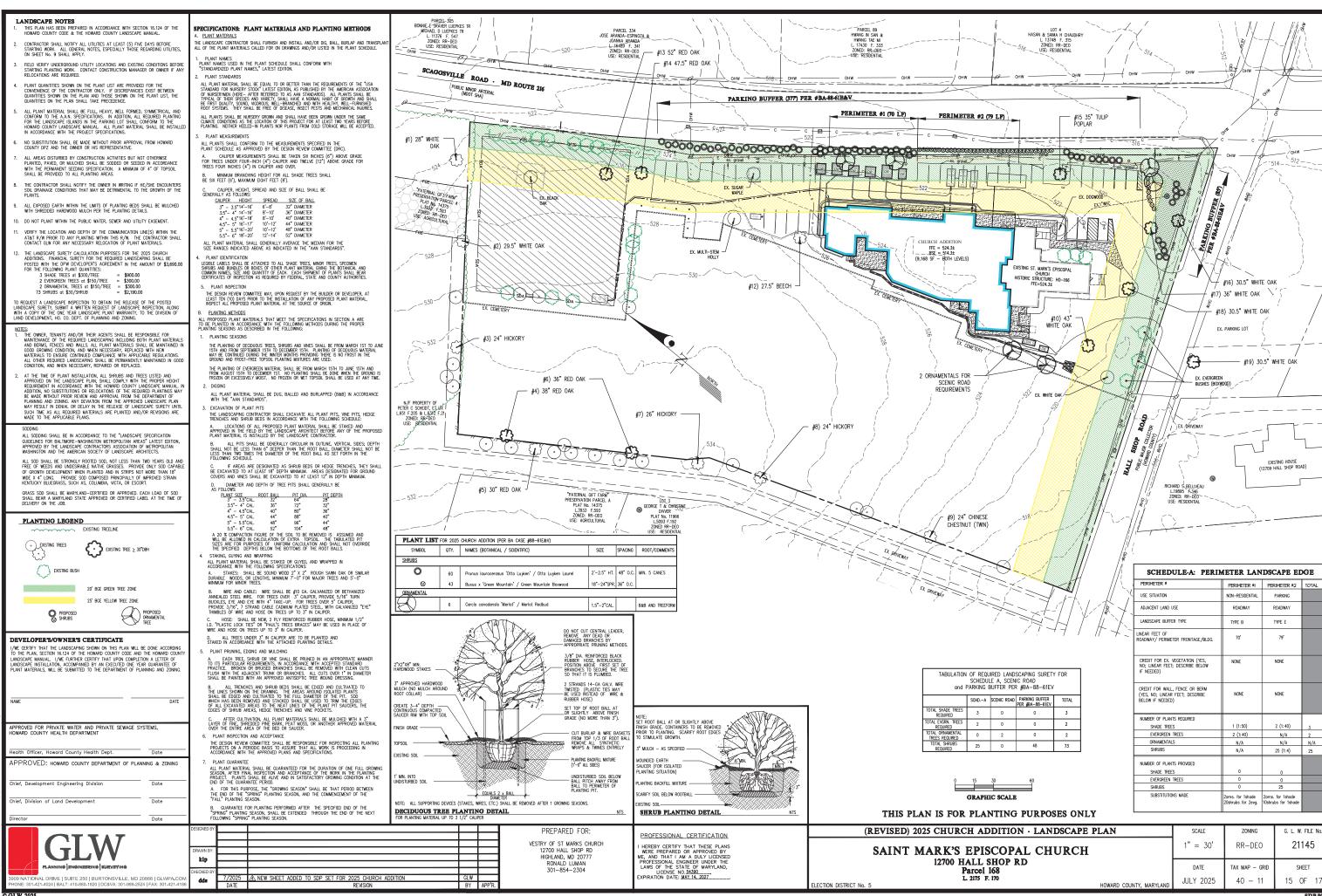
. Tanks to be vacuum tested and meet requirements for being watertig during installation.

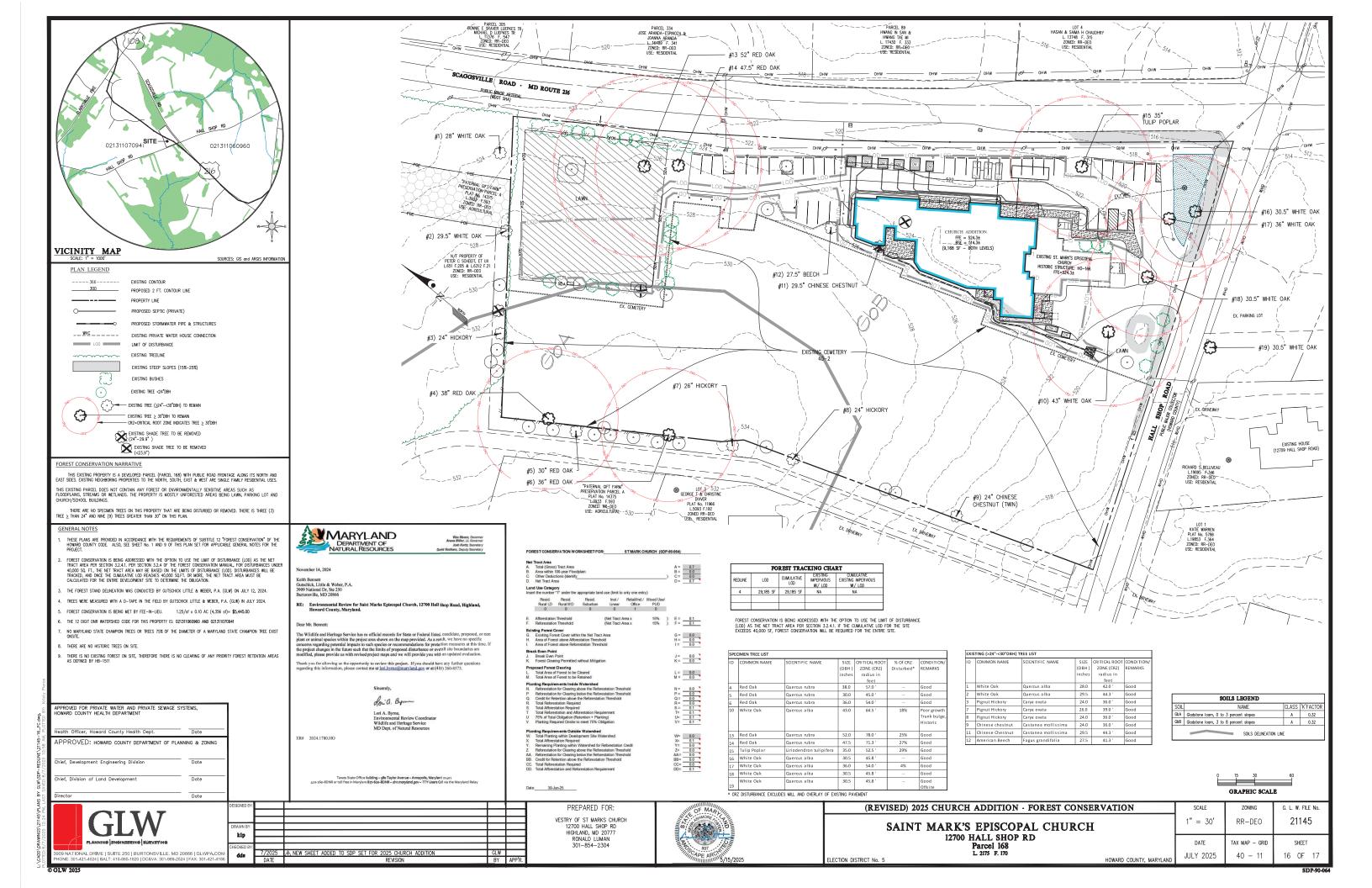


(REVISED) 2025 CHURCH ADDITION - ONSITE SEWAGE DISPOSAL DESIGN PLAN PREPARED FOR: SCALE G. L. W. FILE No. PROFESSIONAL CERTIFICATION VESTRY OF ST MARKS CHURCH 12700 HALL SHOP RD HIGHLAND, MD 20777 I HEREBY CERTIFY THAT THESE PLANS
WERE PREPARED OR APPROVED BY
ME, AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE
LAWS OF THE STATE OF MARYLAND,
LICENSE NO. 54390
EXPIRATION DATE: MAY 14, 2027 21145 1" = 30'RR-DEO SAINT MARK'S EPISCOPAL CHURCH klp 12700 HALL SHOP RD DATE TAX MAP - GRID SHEET Parcel 168 L. 2175 F. 170 301-854-2304 7/2025 A NEW SHEET ADDED TO SDP SET FOR 2025 CHURCH ADDIT JULY 2025 40 - 11 13 OF 17 HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 5



-90-064







SAINT MARK'S EPISCOPAL CHURCH
HOWARD COUNTY, MD AUGUST 2025