MO	NTGOMERY COUNTY HISTORIC PRESERV <u>STAFF REPORT</u>	ATION COMMIS	<u>SION</u>
Address:	2420 Spencerville Rd., Spencerville	Meeting Date:	12/5/18
Resource:	Indivudally Listed Master Plan Site Spencer-Carr House	Report Date:	11/28/18
Applicant:	Cedar Ridge Community Church	Public Notice:	11/21/18
Review:	HAWP	Tax Credit:	Yes
Case Number:	15/55-18A	Staff:	Dan Bruechert
PROPOSAL:	Roof Replacement		

EXPEDITED

STAFF RECOMMENDATION:

Approve **Approve with conditions**

ARCHITECTURAL DESCRIPTION

SIGNIFICANCE: Master Plan Site (Spencer-Carr House #15/55) Spencerville Style/Traditional Agricultural STYLE: DATE: House c.1855. Barn c.1935

From *Places from the Past:*

A distinctive three-story, three bay house, the Spencer-Carr House was built c.1855 with a rear addition dating from the 1870s. An illusion of added height is achieved through the incremental decrease in spacing between windows from the bottom level to the top together with decrease of window size. The center=passage house is constructed of brick and covered with weatherboard siding. Reputedly building by William Spencer, founder of Spencerville, the house has a strong historical association with the early development of the community and is a significant example of rural antebellum building traditions in the county.

The work for this HAWP will be undertaken on the c.1935 barn that was rehabilitated in 2000. The barn has a gambrel roof with two roof dormers with a contemporary glass and metal entrance constructed in the 2000 rehab.



Figure 1: The subject barn is located directly below the star in the image.

PROPOSAL

The applicant proposes to replace the roof shingles on the north-facing section of the barn with new architectural shingles. The applicant cannot install shingles that would be an exact match, because the existing style has been discontinued by the manufacturer.

APPLICABLE GUIDELINES:

The Expedited Staff Report format may be used on the following type of cases:

- 2. Modifications to a property, which do not significantly alter its visual character.
- 8. Replacement of roofs on non-contributing or out-of-period building, as well as new installation of historically appropriate roofing materials on outstanding and contributing buildings.

Montgomery County Code; Chapter 24A-8

- (b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to insure conformity with the purposes and requirements of this chapter, if it finds that:
 - (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
 - (2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or

Secretary of the Interior's Standards for Rehabilitation

2. The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, space and spatial relationships that characterize a property will be avoided.

STAFF RECOMMENDATION:

Staff recommends that the Commission <u>approve</u> the HAWP application under the Criteria for Issuance in Chapter 24A-8(b)(1) and (2) having found that the proposal is consistent with the Secretary of the Interior's Standards for Rehabilitation (specifically, Standard 2), and therefore will not substantially alter the exterior features of the historic resource and is compatible in character with the district and the purposes of Chapter 24A; and with the general condition that the applicant shall present the **3 permit sets of drawings, if applicable to Historic Preservation Commission (HPC) staff for review and stamping** prior to submission for the Montgomery County Department of Permitting Services (DPS) building permits.

856348

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	301/563-3400
	APPLICATION FOR
	HISTORIC AREA WORK PERMIT
ч.	
	Contact Emails bryanpecice.org Contact Person: Bryan Referson (ext 220)
	Tax Account No.: 03233387 (Fed 52-1350329) Neme of Property Owner: <u>Cedur Ridge Gran Catty</u> Oaviers Phone No.: <u>301.421,5949 (ext. 2</u> 20)
	Name of Property Owner: Certur R: due Gon Worth Daving Phone No: 301,421,5949 (ext 220)
	Address: 2430 Spencerville Rd Spencerville MP 20868 Street Number City Street
•	Contraction: Mid Atlantic Construction of VA # MD Phone Ho .: 703 - 404-9777
	Contractor Registration No.: $MHIC \# 128163$
	Agent for Owner:
	LOCATION OF BUILDINGPREASE
	House Number 2430 Street Spencerville Rd
	Townicity: Spencerville Nearest Cross Street: Reach Orchard Rd
	Lot: NONe Black NONE Subdivision: 0001 PAR A SACAGE FORM
	Liber: Folio: Parcel: 202
	PART CRE: TYPE OF PERMIT ACTION AND USE
	IA. CHECK ALL APPLICABLE:
	Construct Extend C Alter/Renovate C A/C State Room Addition Porch Deck State
	🖸 Move 🖸 Install 🗖 Wreck/Rama 💭 Solar 🗇 Freniece 💭 Woodburning Stove 💭 Single Fernity
	$\square \text{ Revision} \bigotimes \text{ Repair} \square \text{ Revoceble}. \qquad \square \text{ Fence/Well (complete Section 4)} \bigotimes \text{ Other: } \underline{Ranf 5hingle}.$ $\text{1B. Construction cost estimate: } \underline{11,000}$
	1C. If this is a revision of a previously approved active permit, see Permit #
	PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS
	ZA. Type of servege disposel: 01 🗆 WSSC 02 🗅 Septic 03 🕒 Other:
	28. Type of water supply: 01 🗆 WSSC 02 🗍 Weil 03 🗋 Other:
	PART THREE: COMPLETE ONLY FOR FEWERFEINING WALL
	3A. Heightfeetinches
	38. Indicate whether the fance or retaining well is to be constructed on one of the following locations:
	1] On party line/property line 🗋 Entirely on land of owner 📋 On public right of way/assement
	I hereby cartify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I haveby extrawledge and accept this to be a condition for the issuance of this permit.
-	
	(Supete 11/12/18
	Signature of owner or suthonized again 7 Data
	Approved: For Cheirperson, Historic Preservation Commission

THE FOLLOWING ITEMS MUST BE COMPLETED AND THE REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.

- 1. WRITTEN DESCRIPTION OF PHOJECT
 - a. Description of existing structure(s) and environmental setting, including their historical features and significance:

 5 2 5 2
 5 4 5 2

b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district <u>Ferr</u> <u>attach</u> <u>b</u>

2. <u>SITE PLAN</u>

Site and environmental setting, drawn to scale, You may use your plat. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as welkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

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- a. Schematic construction plans, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- . b. Elevations (facades), with marked dimensions; clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

/ 5. PHOTOGRAPHS

- Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
- b. Clearly label photographic prints of the resource as viewed from the public right of way and of the adjoining properties. All labels should be placed on the front of photographs;

1 6. TREE SURVEY

V

If you are proposing construction adjacent to or within the dripline of any tree 6° or larger in diameter (at approximately 4 feat above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the percei in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the streat/highway from the parcel in question.

PLEASE PRINT (IN BLUE OR BLACK INK) OR TYPE THE INFORMATION ON THE FOLLOWING PAGE. PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE. AS THIS WILL BE PHOTOCOPHED DIRECTLY UNTO MANLING LABELS.

	LING ADDRESSES FOR NOTIFING cent and Confronting Property Owners]
Owner's mailing address	Owner's Agent's mailing address
Cedar Bidge Community Church	CEM Design
2410 Spencerville Rd.	520 Anderson Ave.
Spencerville, MD 20868	Rockulle, MD 20850
Adjacent and confronting	Property Owners mailing addresses
Resident	Ben Girons
2312 Stencerville Rd.	2308 Spenceculte Ad
Spencerville, MD 20868	Spencerville, MD 20868
Spencerville Adventist Academy	United States Postal Service
2502 Spencerville Rd	2323 Spencerville Rd.
Spencerville, MD 20868	Spencerville, MD 20868

Cedar Ridge Community Church Barn Shingles Replacement

1a. Description of existing structures and environmental setting, including their features and significance.

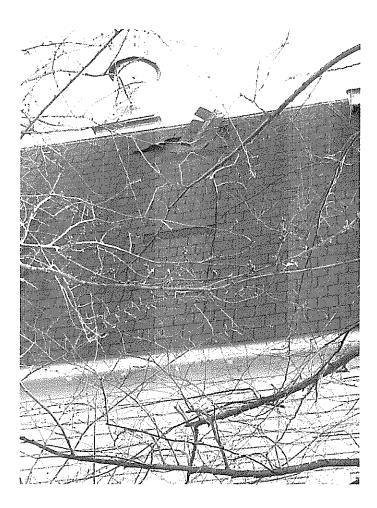
The barn at Cedar Ridge Community Church was built ca. 1935 and restored in 2000. It is currently used for classrooms and social events. The barn is part of the Spencer-Carr property, which features the Spencer-Carr farmhouse which was built by William Spencer ca. 1850.

The barn is owned by Cedar Ridge Community Church, which built a large sanctuary to the rear of the farmhouse. The unrestored second barn is used to house maintenance equipment. The original silo is in the circle in front of the sanctuary building, and is in need of structural stabilization. With the exception of some small farming activity, the balance of the site is undeveloped.

1b. General description of the project and its effect on the historic resources, the environmental setting, and where applicable, the historic district:

Cedar Ridge Community Church is seeking to replace the shingles on the north-facing roof of the barn. In Spring 2018, the roof sustained damage in a windstorm. The south-facing (and road-facing) side of the roof did not suffer any damage during that storm. When seeking to replace the shingles with shingles that match the front/south-facing shingles, the church learned that the shingles currently on the north and south sides of the barn have been discontinued (Certainteed 4 tab, 50 year Cottage Red shingles). Replacing the entire roof with new shingles is not economically feasible, as the insurance company just paid to have the south-side shingles replaced in 2014. Therefore, the church is seeking to replace the north-side roof shingles with as close a match as possible, which is the GAF Timberline Architectural Style Patriot Red shingle. See the photos and description attached for more details. The effect on the historic resource and setting will be very minimal, as the difference in the shingles is quite minor and the north and south sides of the barn are not able to be seen at the same time. Our request is to use the GAF Timberline shingles on the north-facing roof of the barn.

Damaged Shingles on North Side of Barn, view 1



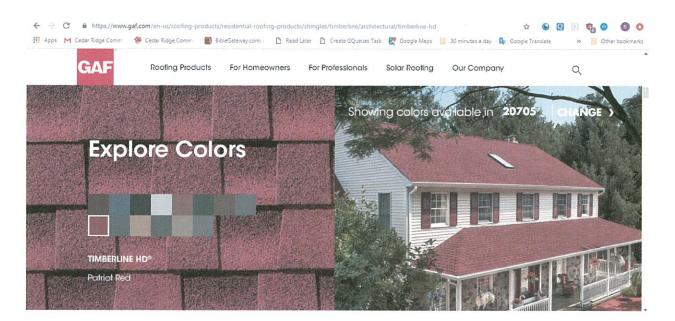
Damaged Shingles on North Side of Barn, view 2





Good shingles on South Side of Barn (Certainteed, Discontinued)

Proposed Replacement Shingles for North Side (GAF Timberline HD Architectural Style Patriot Red)



https://www.gaf.com/en-us/roofing-products/residential-roofing-products/shingles/timberline/architectural/timberline-hd

New Shingles Description

GAF Timberline HD Architectural shingles

Features

More homeowners and professional installers in North America rely on Timberline HD® Shingles than any other brand. They offer just the right combination of beauty, performance, and reliability in a genuine wood-shake look — and can help improve your home's resale value. When you install Timberline HD® Shingles with Advanced Protection® Shingle Technology, you're getting rugged, dependable performance. And you'll not only protect your most valuable asset — you'll also beautify your home for years to come.

- Great Value: Architecturally stylish but practically priced with a Lifetime ltd. warranty.¹
- Dimensional Look: Features GAF proprietary color blends and enhanced shadow effect for a genuine wood-shake look.
- Highest Roofing Fire Rating: UL Class A, Listed to ANSI/UL 790.
- High Performance: Designed with <u>Advanced Protection® Shingle Technology</u>, which reduces the use of natural resources while providing excellent protection for your home.
- Stays In Place: DuraGrip[™] Adhesive seals each shingle tightly and reduces the risk of shingle blow-off. Shingles warranted to withstand winds up to 130 mph (209 km/h).²
- Peace Of Mind: Lifetime ltd. transferable warranty with Smart Choice[®] Protection (non-prorated material and installation labor coverage) for the first ten years.¹
- Perfect Finishing Touch: Use Timbertex[®] Premium Ridge Cap Shingles or Ridglass[®]Premium Ridge Cap Shingles.³
- StainGuard® Protection: Helps ensure the beauty of your roof against unsightly bluegreen algae.⁴
- Trusted: Timberline HD[®] Shingles have earned the Good Housekeeping Seal (U.S. only).

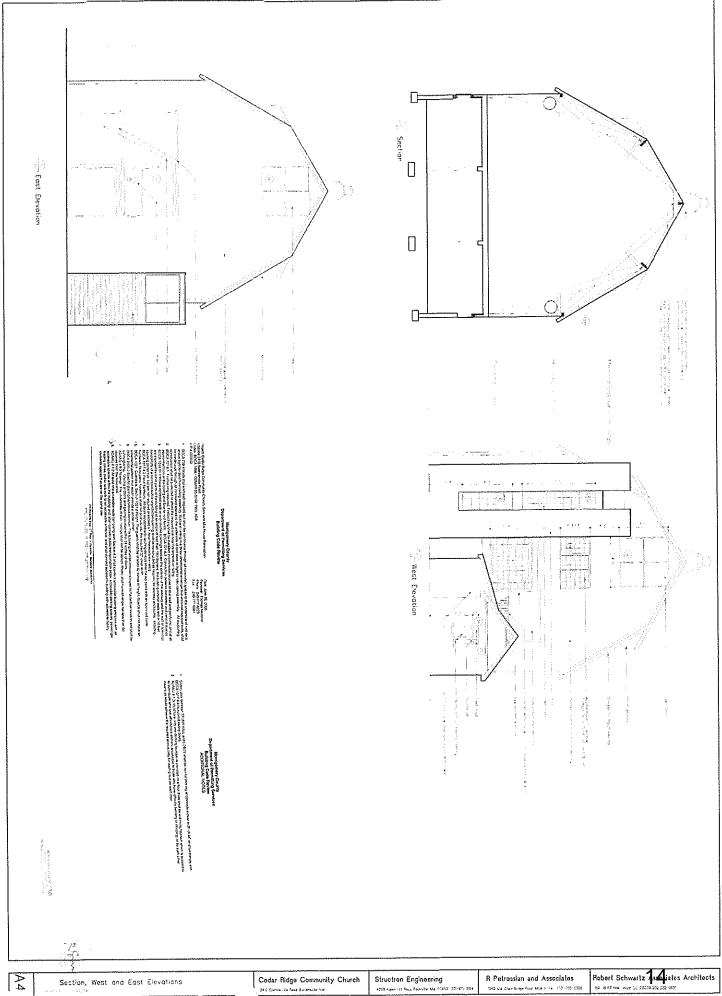
See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Ltd. Warranty* and means as long as the original individual owner(s) of a single-family detached residence [or the second owner(s) in certain circumstances] owns the property where the shingles are installed. For owners/structures not meeting the above criteria, Lifetime coverage is not applicable.

²This wind speed coverage requires special installation; see *GAF Shingle & Accessory Ltd. Warranty* for details.

³These products are not available in all areas. Visit <u>Ridge Cap Shingle Product Availability</u> for details. ⁴StainGuard[®] algae protection and 10-year limited warranty against blue-green algae discoloration available only on shingles sold in packages bearing the StainGuard[®] logo. See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions.

https://www.gaf.com/en-us/roofing-products/residential-roofing-products/shingles/timberline/architectural/timberline-hd

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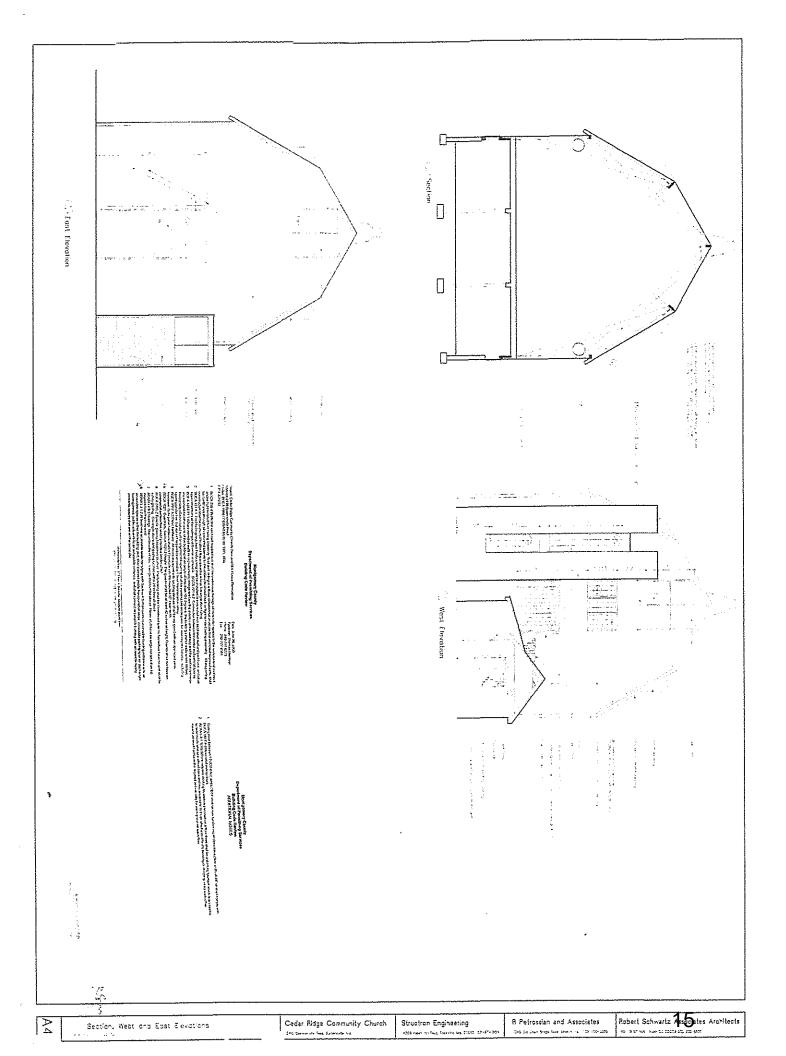


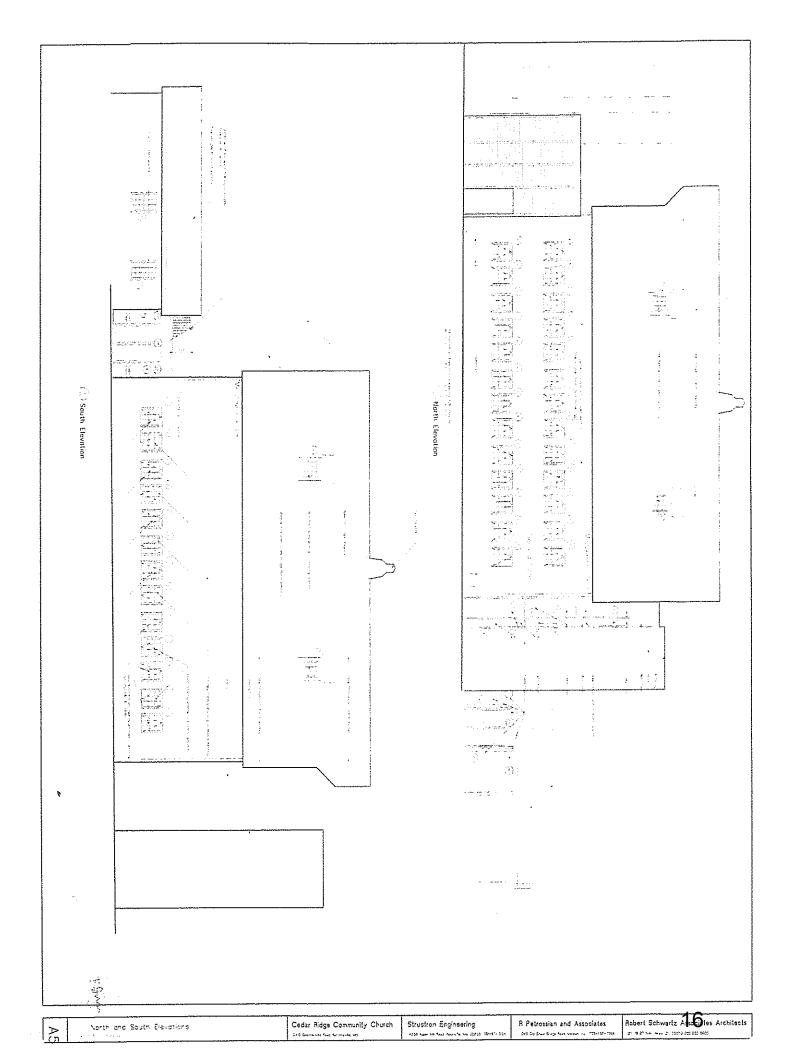
Section, West and East Elevations

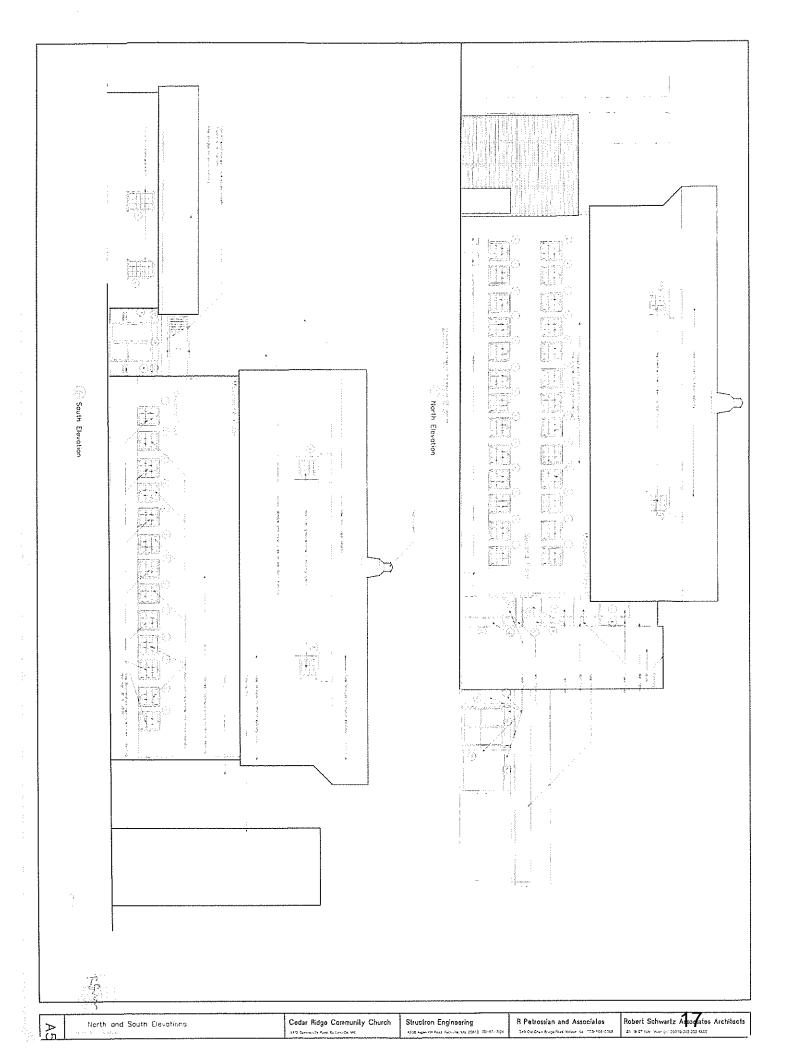
Codar Ridge Community Church

Structron Engineering

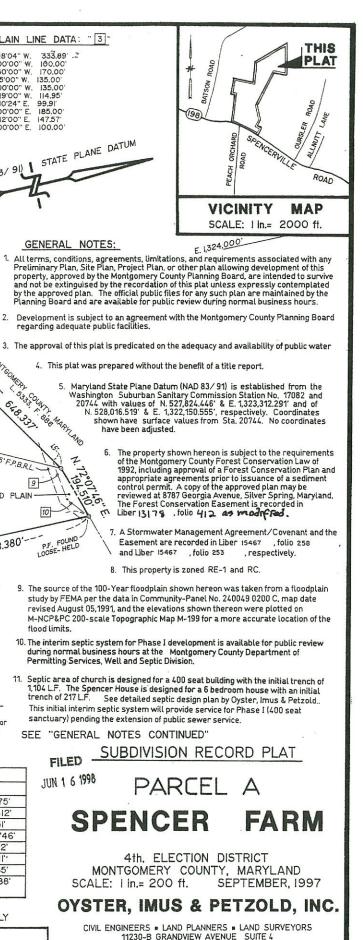
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BEPLAT NO20756 LOT 6, BLOCK A. KELLBRODEAN ESTATES , P.B. 159, P. No. 18008 CHARLES S. STEPHENS, JR. L. 4520, F. 359 P.F. FOUND ON LINE - HELD -SPENCERVILLE RADIUS POINT GOORDINATES FLOOD PLAIN LINE DATA: "3" 19.17 P.P.F. FOUND ON LINE- HELD-N. 11°18'55" E. NORTH EAST 5. 33° 18'04" W. 333.89' 2 WOOD FENCE POST FOUND- HELL 528,406.452 1,324,268.939 5. 35°18'04 W. 535.89 5. 36°00'00" W. 160.00' 5. 24°30'00" W. 170.00' 5. 31° 15'00" W. 135.00' 5. 38°00'00" W. 135.00' 5. 25° 19'00" W. 114.95' 615.802 No. FLOOD PLAIN 526 596 550' 1322 581 473' 25 6 305.80 1) 25'F.P.B.R.L. 527,495.840' 1,323,043.613' LOT 4, BLOCK A SPENCERVILLE KNOLLS P.B. 114, P. No. 13578 N. 77°45'59" W. D LL Sos SAME AS "B" 15 MONTGOMERY COUNTY 146.867 526,522,816' 1,322,546,907 ROUT 7. N. 39° 10'24" E. 99.91 8. N. 43°00'00" E. 185.00' 9. N. 82° 12'00" E. 147.57' 10. N. 50°00'00" E. 100.00' MARY! AND F.C.E. 2000 SAME AS "C" SAME AS "C" L. 4520, F. 359 829.805 78 --N. 06°25'14" E. 25'F.P.B.R.L. SAME AS "E" MARYLAND F --- 812.798'-, 5. 23°29'16" W. 631.47' MARYLAND (NAD 83/ 91) STATE PLANE DATUM PLAT LINE DATA " (2)' FLAT QUARTZ STONE FOUND-VEHICLE ACCESS DENIED HELD N. 83°38'47" E. 200.939 N. 56°33'12" E. 224.692" STORMWATER MANAGEMENT EASEMENT L.15467, F. 253 H -D RAD.= 1,410.000' ARC= 348.633' S. 36°57'31" W. 129.813 69 ORCHARD ROAD DEDICATED TO PUBLIC USE 4,407 6 MONTGOMERY COUNTY, MARYLAND L. 6484, F. 185 N. 74*59'31" W. 114.516' MONTGOMERY COUNTY, MARYLAND L. 4520, F. 368 PARCEL A P.F. FOUND VEHICLE ACCESS DENIED 6 MARD HEIG No. 20302 - STONE FOUND-HELD 2.731.703 SQ. FT. or --- 195' ZONE C RAD.= 400.000 N. 05°58'54" E. 807.669 GENERAL NOTES: 62.71128 ACRES (1) 204.83 CARL S. 8 JANICE S. PALMER L. 9392, F. 558 ARC= 69.659 -- 637.67 5×q El S RAD.= 1,410.000' ARC= 190,557' 57.4 PF: OFF PARCH PARCH P.B. 183 F ANAGEMENT ESM L.15467, F. 253 -- 170.00 S. 08°00'00" W. 335.00' -FLOOD PLAIN 5. 43.00.00. N. 84°01'05" W. B P.F. FOUND 10,000 SQ. FT. SEPTIC E/ 46.00 LINE AREA FOR N. 530,107.054 SPENCER HOUSE .8 E. 1.323.899.844 529.16 10' P.U.F. P.F. FOUND L. 13855, F. 007 PATUXENT RIVER WATERSHED 2 MANAGEMENT AREA L. 13855, F. 012 R/C FOUND-1.56°50'31' F.C.E. VCHURCHY HELD 5:55-6666.4 2423335 S. 15°34'09" E. S. 26°35'56" W. <u>S. 03° 00'00'' E.</u> 648.331 DEDICATED TO N. 529,591.179 1. 310,00. 50.00 15,645 6 1.279.743 331.148 WILLARD H. MARLOW, ET AL L. 9392, F. 558 S -R/C FOUND- N. 07°03'10" E. 534.26' S. 25. 15. (A) RAD.= 735.000' ARC= 143.804' 25°44'55" W. 369.993' W. IN. 90°00'00" W. -R/C FOUND-HELD 25'F.P.B.R.L Z 112.00 1910 E. 1,324.000 Z 5 86°00'00" W 9 SURVEYOR'S CERTIFICATION: 5. 01°00'00" E.\ OWNERS' DEDICATION 80°13'03' 120.00 Modified FLOOD PLAIN IN IN N. 04°00'00" W. 350.00' We, Cedar Ridge Community Church, Incorporated, a Maryland Corporation, by Fran Veihmeyer, President, and Kirsten Sitnick, Secretary, owners of the property shown hereon, hereby adopts this plan of subdivision; establish the minimum building We hereby certify that the plat shown hereon is correct; that it is a subdivision of all of the land conveyed by Ruth Annette restriction lines; dedicate the street as shown to public use; establish and grant to Montgomery County, Maryland, or other appropriate agency, temporary slope easements twenty (20) feet wide, over the parcel shown hereon, adjacent, contiguous, and parallel to MD. Rte. 198, the slope easement shall be extinguised after all required Carr Solbach and Doris Lee Carr Bullock, Personal --S. 00°02'36" E. 1,133.380'---. - 897.52'-Representatives of the Estate of Gilbert Carr, deceased, and P.F. FOUND LOOSE- HELD 5 of the Estate of Clara A. Carr, deceased, to the Cedar Ridge Community Church, Inc. by the following two deeds: Liber public improvements in the adjacent roarway has been accepted for maintenance by Montgomery County, Maryland, or other appropriate agency; hereby grant a ten (10) foot Public Utility Easement (P.U.E.) as shown hereon to Cable TV Montgomery and to 13855, folio 007 and dated December 22,1995 and Liber 235.86 R/C FOUND 13855, folio 012, dated December 22,1995, both recorded MNCPBPC L. 3256, F. 001 among the Land Records of Montgomery County, Maryland. P.P.F. FOUND ON LINE- HELD the parties named in a document entitled "Terms and Provisions of Public Utility Easements" as recorded among the Land Records of Montgomery County, Maryland, in MONTGOMERY COUNTY. We also certify that once engaged as described in the Liber 3834 at folio 457, subject to all current and applicable regulations of all federal, state, and local governmental agencies; and as owners of this subdivision, we, our MARYI ANI Owners' Dedication hereon, all monuments shown thus " = " and all property markers and other boundary markers L. 4028, F. 275 successors or assigns, will cause all property corner markers and other required monumentation to be set by a registered Maryland Surveyor in accordance with the provisions of Section 50-24(e) of the Montgomery County Code. flood limits. shown thus " o " will be set as delineated hereon in LEGEND: PLAT TABULATION: accordance with the provisions of Section 50-24(e) of the Montgomery County Code. F.C.E. = CATEGORY I FOREST CONSERVATION No. of parcels = EASEMENT No. of outlots = We also certify that there is 2,752,155 square feet or EASEMENT EASEMENT EASEMENT EASTRICTION LINE RESTRICTION LINE RESTRICTION LINE RESTRICTION LINE RESTRICTION LINE RESTRICTION LINE P.F.F. = PICHE BOOK/ PLAT No. P.F.F. = PINCHED PIPE FOUND R/C = REBAR & CAP 63.18079 acres of land included on this plat: that there is Area of parcels = 2,731,703 sq. ft. There are no suits of law, leases, liens, mortgages or trusts affecting this plat of subdivision except a certain deed of trust and the parties of interest have affixed their 20,452 square feet or 0,46951 acres of land dedicated to Area of street P.B. P.No.= P.F.= P.P.F.= R/C= public use: and that there is 18.81 acres of land included in dedication = 20,452 sq. ft. signatures below indicating their approval of this plan of subdivision the areas designated as Forest Conservation Easement (F.C.E.), inclusive of the floodplain areas TOTAL AREA 2.752.155 SQ. FT. or OF PLAT = CEDAR RIDGE COMMUNITY CHURCH, INC 63.18079 ACRES OYSTER, IMUS & PETZOLD, INC. enner FILED ENHMEYER PRESIDEN SEPT. 26, 1997 CURVE TABLE JUN 1 6 1998 eneck BY: Phile I. Wus 一個 LETTER RADIUS DELTA TANGENT CHORD BRG. & DIST. ARC KIRSTEN STINICK, SECRETARY Philip A. Wilk A 735.000' | 143.804' | 11º 12'36" 72.132' S. 58°38'47" E. 143.575 Professional Land Surveyor 1,410.000' 190.557' 07°44'36" 95.424' N. 57°30'59" W. 190.412' Maryland Reg. No. 10797 400,000' | 69,659' 09°58'40' 34.912' N. 62°48'06" W. 69.751 We hereby assent to this plan of subdivision as the Estate Note Holders. 1410.000' 348 633' D 14.10, 00 175 210' N, 71º 17' 55" W, 347,746' 1,472.390' 96.139' 03°44'28" 48.087' N. 55°25'49" W. 96.122' 10/15/97 and a 400.000' 112.582' 16° 07'34" N. 49°44'58" W. 112.211" Ruth Carr Solbach 56.666 Date 400.000' 55.529' 07°57'14" 27.809' N. 71°46'05" W. 55.485' G 10/14/97 Date Dorus Carr Budink 1,472.390' 174.690' H 06°47'52" 87.448 N. 74°II' OO" W. 174.588' s Carr Bullock 298076197053RE1RC082200 THE MARYLAND-NATIONAL CAPITAL PARK and PLANNING COMMISSION MONTGOMERY COUNTY, MARYLAND GENERAL NOTES CONTINUED FOR PUBLIC WATER SYSTEMS ONLY MONTGOMERY COUNTY PLANNING BOARD DEPARTMENT OF PERMITTING 12. Septic Building Restriction Lines are subject to change upon approval by Montgomery County SERVICES APPROVED: November 6,1997 RECORDED Department of Permitting Services (Well and Septic Minu libro Temetone APPROVED: MAY 22,1988 Section). mun PLAT BOOK: ASST. SECRETARYdan Mono PLAT No .: M-NCP&PC RECORD FILE NO. 606-62 FOR DIRECTOR:

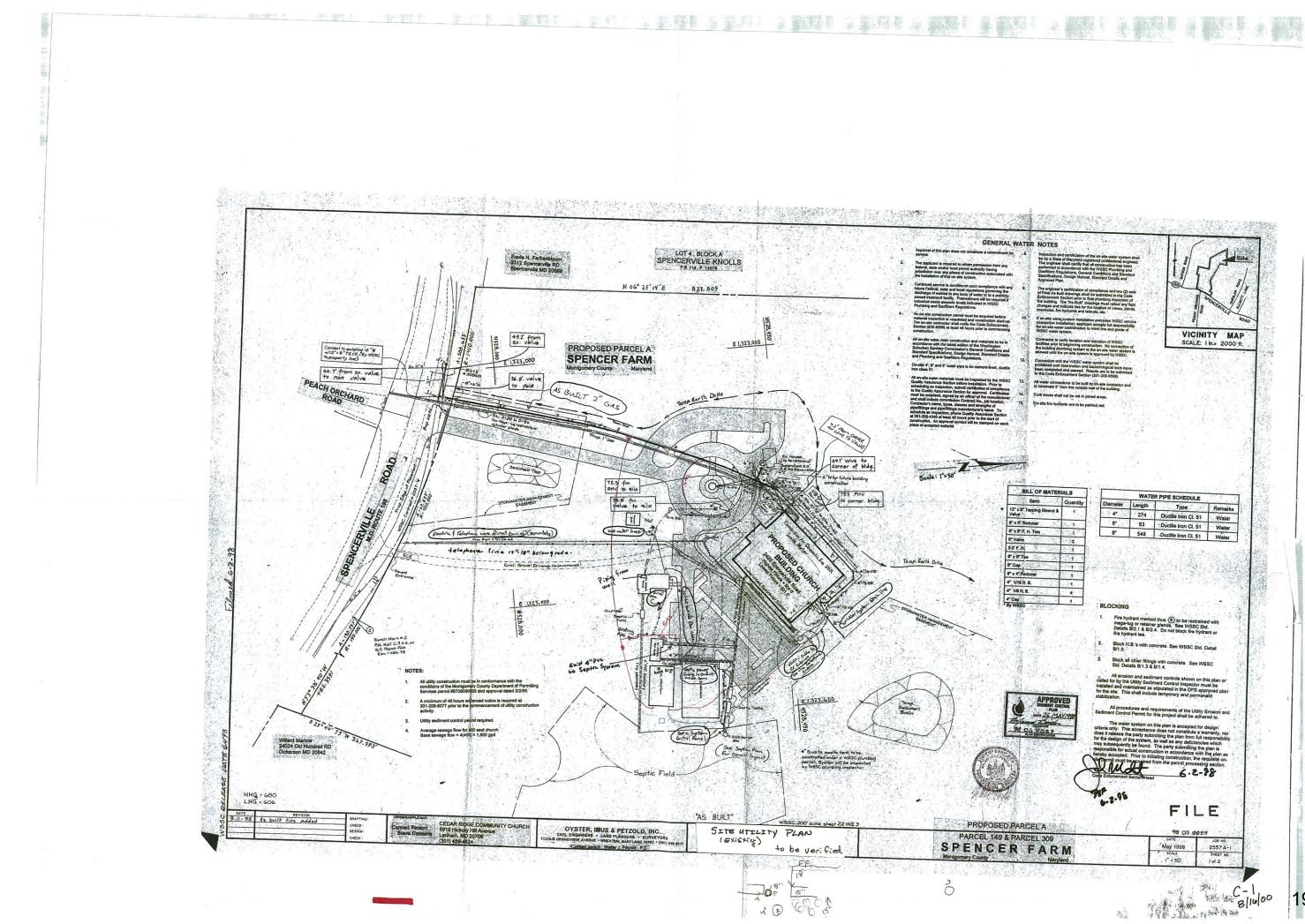


WHEATON, MARYLAND 20902

301-949-2011 Fax: 301-949-2013

O.I.P. Job No. 2557.A.1

606-62



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Reducer	1
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5H, 8.	4
the states of the	1

WATER PIPE SCHEDULE				
Diameter	Length	Туре	Remarks	
54	274	Ductile Iron Cl. 51	Water	
6	53	Ductile Iron Cl. 51	Water	
8"	548	Ductile Iron CL 51	Water	

BLOCKING

mega-lug or retainer g Details B/2.1 & B/2.4. fire hydrant tee

Block H.B.'s with concrete. See WSSC Std. Detail B/1.0.

Block all other fittings with c Std. Details B/1.3 & B/1.4.



6.2-98



C-1 8/10/00

19