Capital Improvements Program - FY2022
& Subsequent Five Years

Eva Turner Elementary School – Renovation

Charles County Public Schools

La Plata, Maryland

October 2020

Capital Improvements Program - FY2022

& Subsequent Five Years

Charles County Public Schools

It's All About Teaching and Learning

Charles County Public Schools

La Plata, Maryland

October 2020

Charles County Public Schools

5980 Radio Station Road
P.O. Box 2770
La Plata, MD 20646
Main line: 301-932-6610
www.ccboe.com

Kimberly A. Hill, Ed.D.
Superintendent of Schools
Michael L. Heim
Assistant Superintendent of Supporting Services

Supporting Services: 301-934-7270
Maintenance: 301-934-7288
Operations: 301-934-7283
Planning & Construction: 301-934-7290
Transportation: 301-934-7262

September 25, 2020

Mr. Robert Gorrell
Executive Director
Interagency Commission on School Construction
200 West Baltimore Street, 2nd Floor
Baltimore, MD 21201

Re: Charles County Capital Improvement Program – FY 2022

Dear Mr.Gorrell:

The FY 2022 Capital Improvement Program was approved by the Board of Education at their September 8, 2020 meeting. I have enclosed copies of this program, which were forwarded to the Charles County Commissioners for their approval, as required by the latest *Administrative Procedures Guide.*

We started a program to renovate our older facilities and there are a number of modernizations or renovations within our five-year program. Additionally, there are a number of systemic renovation projects requested to help preserve and update our older facilities. We plan to work closely with our County Commissioners to agree upon an integrated long-term Capital Improvement Program.

We feel that the projects included in our submission are required to improve current, as well as support, new education programs for students of Charles County. We respectfully request your approval of our FY 2022 Capital Improvement Program.

Sincerely,

Kimberly A. Hill, Ed.D.
Superintendent of Schools

Enclosure

cc: Board Members
Mike Heim
Steve Andritz SMA 9/10/20
MLH 9/11/2020

Prepared

For

THE BOARD OF EDUCATION

OF CHARLES COUNTY

Virginia R. McGraw, Chairman

Latina L. Wilson, Vice Chairman

Jennifer S. Abell

Tajala Battle-Lockhart

Elizabeth C. Brown

David Hancock

Michael Lukas

Ian Herd, Student Member

Kimberly A. Hill
Superintendent

Michael L. Heim
Assistant Superintendent
of Supporting Services

Steven M. Andritz
Director of
Planning & Construction

October 2020

The Charles County public school system does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, age or disability in its programs, activities or employment practices. For inquiries, please contact Kathy Kiessling, Title IX/ADA/Section 504 Coordinator (students) or Nikial M. Majors, Title IX/ADA/Section 504 coordinator (employees/adults), at Charles County Public Schools, Jesse L. Starkey Administration Building, P. O. Box 2770, La Plata, Maryland 20646. (301) 932-6610/870-3814. For special accommodations call (301) 934-7230 or TDD 1-800-735-2258 two weeks prior to the event.

THE BOARD OF EDUCATION

OF CHARLES COUNTY, MARYLAND

Virginia R. McGraw, Chairman

Virginia R. McGraw is a retired Charles County Public Schools (CCPS) principal who also served as a teacher and vice principal during her 25-year career with CCPS. She was the 2009 CCPS Principal of the Year, and volunteers with Our Lady Help of Christians Catholic Church. She is an elected member of the board of directors of the Maryland Association of School Boards. She is also a member of the Charles County Retired School Personnel Association, the Education Association of Charles County and the Maryland State Education Association. She earned her bachelor's degree in elementary special education and her master's in special education. Mrs. McGraw and her husband have been residents of Charles County for 43 years.

Latina L. Wilson, Vice Chairman

Latina Wilson is a Gulf War veteran who retired from the U.S. Army after serving for 20 years. She is active in the community and serves as president of the Port Tobacco River Conservancy, president of the Southern Maryland Alumni Chapter for the University of Maryland, Eastern Shore, a member of the McConchie One-room School House committee and a member of Alpha Kappa Alpha Sorority. She also served many years as the education liaison for the Charles County Branch of the NAACP. Ms. Wilson earned her bachelor of science in business from the University of Maryland, Eastern Shore. Ms. Wilson is serving her first term as a Board of Education Member.

Jenifer S. Abell

Jennifer S. Abell is the senior development manager for the March of Dimes Greater Washington, D.C., Market and a longtime resident of Charles County. She is a member of New Life Wesleyan Church, Charles County Chamber of Commerce, Partnerships for a Healthier Charles County and the Fetal Infant Mortality Review Board. She has volunteered and held leadership positions with many local organizations, including Boy Scouts of America, Girl Scouts of the United States of America, Kiwanis International, Parent Teacher Association, Indian Head Swim Team and the Center for Abused Persons. Ms. Abell received her undergraduate degree at the College of Southern Maryland, lives in La Plata and has four children, all whom graduated from Charles County Public Schools.

Tajala Battle-Lockhart

Tajala Battle-Lockhart is the chief executive officer of Simply Consulting, LLC and a certified hospitality educator. A resident of White Plains, Ms. Battle-Lockhart is the executive director of Phenomenal Young Women, a board member for the Arnold House and a member of Real Women of Charles County. Ms. Battle-Lockhart earned her associate of science in Hotel and Restaurant Management from Wake Technical Community College. Ms. Battle-Lockhart is serving her first term as a Board of Education Member

Elizabeth C. Brown

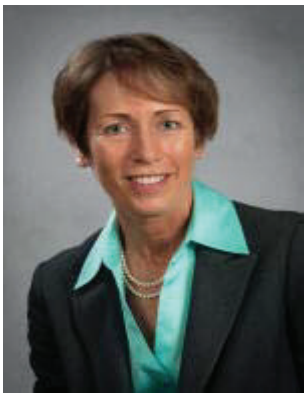
Elizabeth C. Brown is a retired Charles County Public Schools pupil personnel worker who also served as a classroom teacher and for five years as president of the Education Association of Charles County. She earned her bachelor of science from the District of Columbia Teachers' College and also obtained certification in Student Services. Ms. Brown is a member of Delta Sigma Theta Sorority, the Charles County Branch of the NAACP, the College of Southern Maryland Advisory Committee, the Charles County Citizens Advisory Committee and the Charles County African-American Heritage Society. She also is president of the CCPS Retired School Personnel Association, the chair of the Maryland State Education Association (MSEA) nominations and credentials committee, and a crisis committee member of the association. A resident of Waldorf, Ms. Brown is the mother of two and grandmother of four children. Ms. Brown is serving her first term as a Board of Education Member.

David Hancock

David Hancock is a small business owner and manages Hancock Family Farms in La Plata. He is a past president and current board member of the Charles County Farm Bureau, 2016 Young Farmer of the Year, board member of the Eastern Virginia Feeder Calf Association and a board member of the University of Maryland Extension Advisory Board. Mr. Hancock is a 2008 graduate of the UA Mechanical Trade School through Montgomery College and a 2002 graduate of La Plata High School. He lives in Charles County with his wife, Kim, and their three children. Mr. Hancock is serving his first term as a Board of Education Member.

Michael Lukas

Michael Lukas is an engineer and branch manager at the Naval Surface Warfare Center, Dahlgren Division. He works with the Boy Scouts and enjoys playing and coaching soccer. He has volunteered with several community organizations, including the Greater Waldorf Jaycees, Waldorf Kiwanis, Christmas in April and Relay for Life. Mr. Lukas earned his bachelor's degree in electrical engineering, and has completed graduate studies in systems engineering at George Mason University and the Naval Post Graduate School. He lives in La Plata with his wife and son. First elected in 2010, Mr. Lukas was re-elected to a second term in November 2014.



Kimberly Hill, Superintendent of Schools

Kimberly Hill is the Superintendent of Schools. She serves as the Board of Education's secretary-treasurer and manages the day-to-day operations of the school system. She has her doctorate degree in Educational Leadership and Policy from The George Washington University. She is currently serving her second term, which expires in 2021. Dr. Hill is a graduate of Charles County Public Schools and began her career in education as a social studies teacher at Maurice J. McDonough High School in 1986. She also served as a vice principal at McDonough and North Point High School, and was the Coordinator of the Charles County Career and Technology Center for seven years. Dr. Hill served as principal at North Point for six years before being named superintendent in 2013.

Ian Herd, Student Member

Ian Herd is a junior at La Plata High School. For the past four years, he has been involved in student government. Mr. Herd currently serves as the Legislative Committee Chairman of the Maryland Youth Advisory Council and as Parliamentarian for the Maryland Association of Student Councils. He has previously served as Student Liaison for La Plata High School, in which he earned experience working with the Board. Mr. Herd stays involved at his school by maintaining membership in Mock Trial, Model United Nations and the National Honor Society. In his free time, he is a proud pianist involved in both La Plata High School's Marching Band and Jazz Band. Mr. Herd aspires to someday earn a law degree.

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TABLE OF CONTENTS

SUPPORTING DATA

CONSTRUCTION COSTS 1
HISTORICAL BUILDING COST INDEX 2
PAST AND PROJECTED SCHOOL CONSTRUCTION COSTS 3
CHARLES COUNTY SCHOOL CONSTRUCTION COSTS 4
SCHOOL LOCATIONS AND SERVICE AREAS 5
FACILITIES INVENTORY 5
SCHOOL PROJECTIONS AND ENROLLMENT 13
ENROLLMENT BY GRADES - SEPTEMBER 17, 2020 TELEPHONE COUNT 18
SCHOOL CAPACITIES VS. SCHOOL ENROLLMENTS 2020-2021 22
SPECIAL POPULATIONS 24
RESIDENTIAL DEVELOPMENT 26
COMPREHENSIVE PLAN MAP 27
BUILDING AND OCCUPANCY PERMIT HISTORY 28

CONSTRUCTION PROGRAM

CONSTRUCTION PROGRAM 30
FUNDING REQUEST FY 2022 31
PROJECT SCHEDULES 33
IAC/PSCP FORM 102.5: STATUS OF PREVIOUSLY APPROVED PROJECTS 39
IAC/PSCP FORM 102.6: STATUS OF STATE OWNED RELOCATABLES 42

IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
BENJAMIN STODDERT MIDDLE SCHOOL - MODERNIZATION/ADDITION 53
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
DR. GUSTAVUS BROWN ELEMENTARY SCHOOL OPEN SPACE ENCLOSURE 65
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
EVA TURNER ELEMENTARY SCHOOL – MODERNIZATION/ADDITION 71
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
JOHN HANSON MIDDLE SCHOOL ROOF REPLACEMENT 79
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
MAURICE J. MCDONOUGH HIGH – SECURITY ENHANCEMENTS & PERFORMING ARTS 93
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
WESTLAKE HIGH SCHOOL ROOF REPLACEMENT 104
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
INDIAN HEAD ELEMENTARY SCHOOL BOILER REPLACEMENT 117
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
J.P. RYON ELEMENTARY FULL-DAY KINDERGARTEN ADDITION 121
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
MALCOLM ELEMENTARY FULL-DAY KINDERGARTEN ADDITION 131
IAC/PSCP FORM 102: : REQUEST FOR APPROVAL OF FUNDING
T.C. MARTIN ELEMENTARY SCHOOL MODERNIZATION/ADDITION 141

TABLE OF CONTENTS

IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
NEW ELEMENTARY SCHOOL #23 146
IAC/PSCP FORM 102: REQUEST FOR APPROVAL OF FUNDING
GENERAL SMALLWOOD MIDDLE SCHOOL ROOF/CHILLER/H&V/UV REPLACEMENT 150
IAC/PSCP FORM 102: REQUEST FOR PLANNING APPROVAL
LA PLATA HIGH SCHOOL –RENO.- SECURITY ENHANCEMENTS & CIRCULATION UPGRADES 154
IAC/PSCP FORM 102: REQUEST FOR PLANNING APPROVAL
J.C. PARKS ELEMENTARY FULL-DAY KINDERGARTEN ADDITION 160
IAC/PSCP FORM 102: REQUEST FOR PLANNING APPROVAL
WALTER J. MITCHELL ELEMENTARY FULL-DAY KINDERGARTEN ADDITION 169
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
PICCOWAXEN MIDDLE SCHOOL BOILER REPLACEMENT 178
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
MARY H. MATULA ELEMENTARY SCHOOL ROOF REPLACEMENT 181
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
MATTAWOMAN MIDDLE SCHOOL ROOF REPLACEMENT 184
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
ROBERT STETHEM ED. CENTER ROOF/BOILER/AHU/RTU REPLACEMENT 187
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
C. PAUL BARNHART ELEMENTARY SCHOOL ROOF REPLACEMENT 190
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
DR. THOMAS HIGDON ELEMENTARY FULL-DAY KINDERGARTEN ADDITION 193
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
WILLIAM B. WADE ELEMENTARY FULL-DAY KINDERGARTEN ADDITION 196
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
NEW MIDDLE SCHOOL #9 199
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
MATTHEW HENSON M.S. MULTI-ZONE UNIT/HEAT PUMP REPLACEMENT 202
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
WILLIAM B. WADE ELEMENTARY SCHOOL BOILER/CHILLER REPLACEMENT 205
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
DR. THOMAS HIGDON ELEMENTARY SCHOOL ROOF REPLACEMENT 208
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
BERRY ELEMENTARY SCHOOL ROOF REPLACEMENT 211
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
DR. THOMAS HIGDON ELEMENTARY SCHOOL RTU/BOILER REPLACEMENT 214
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
WILLIAM WADE ELEMENTARY SCHOOL ROOF/RTU REPLACEMENT 217
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
MARY MATULA ELEMENTARY SCHOOL BOILER REPLACEMENT 220
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
J.C. PARKS ELEMENTARY SCHOOL ROOF REPLACEMENT 223
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
WESTLAKE HIGH SCHOOL BOILER REPLACEMENT 226

TABLE OF CONTENTS

IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
MATTHEW HENSON MIDDLE SCHOOL ROOF REPLACEMENT 229
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
MARY H. MATULA ELEMENTARY SCHOOL RTU REPLACEMENT 232
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
WALTER J. MITCHELL ELEMENTARY SCHOOL ROOF REPLACEMENT 235
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
THOMAS STONE HIGH SCHOOL ROOF REPLACEMENT 238
IAC/PSCP FORM 102.3: FUTURE PROJECT REQUEST
C. PAUL BARNHART ELEMENTARY SCHOOL BOILER REPLACEMENT 241

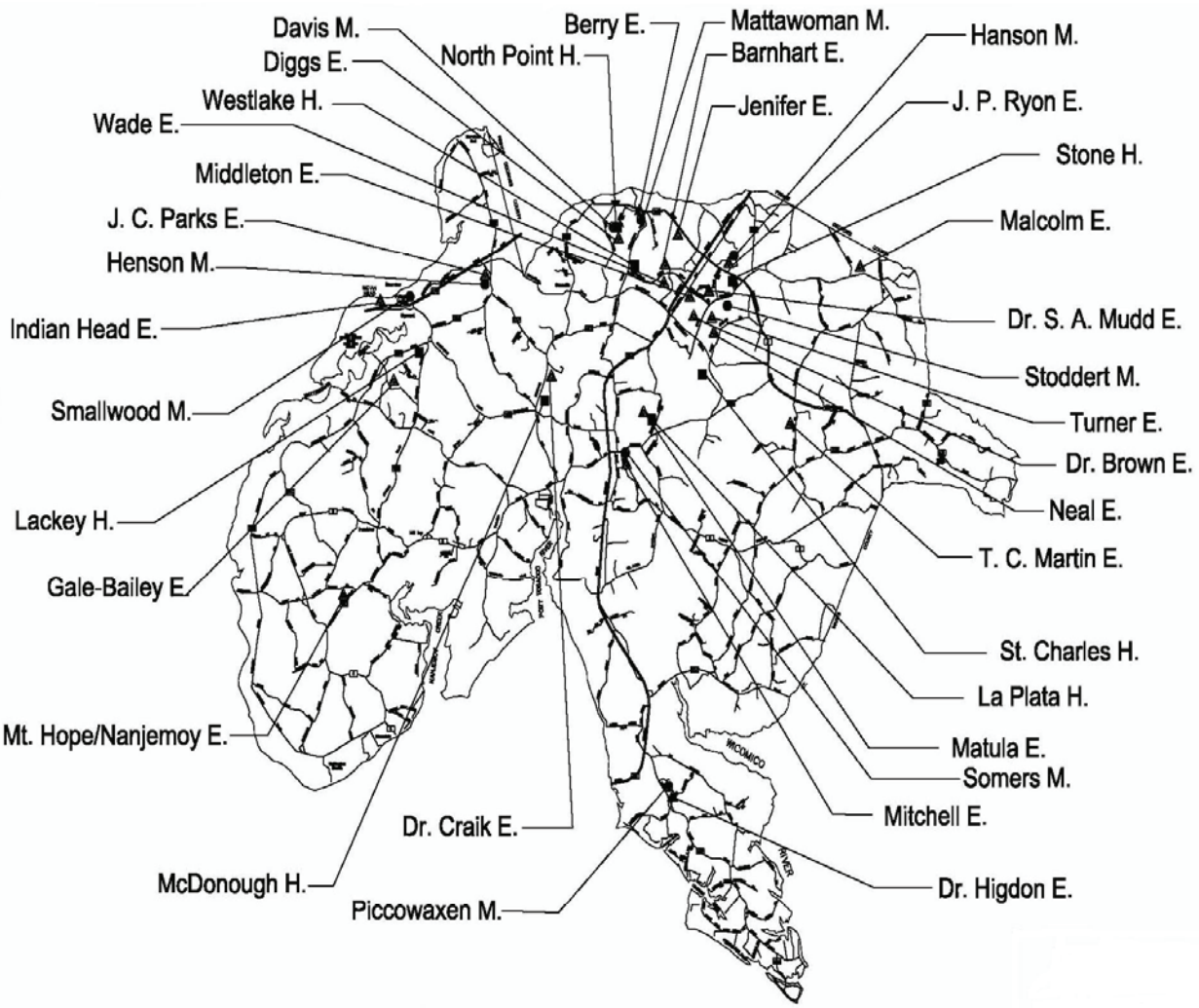
IAC/PSCP FORM 102.4: SUMMARY OF CURRENT & FUTURE PROJECTS 243

COUNTY & STATE FUNDING: SUMMARY OF CURRENT & FUTURE PROJECTS 244

CONSTRUCTION PROGRAM

The following pages represent the FY2022 and Five-Year Capital Improvements Program request from the Board of Education of Charles County. This request is based upon our approved Educational Facilities Master Plan and asks for the State share of funds to implement this program. The projects contained in this package will contribute to providing adequate educational space for the growth in student population, as well as providing equitable educational opportunities for all students throughout Charles County.

Supporting Data



CONSTRUCTION COSTS

The cost of all types of construction, including schools, has been increasing steadily both locally and nationally. This trend is shown in "***Historical Building Cost Index***". This exhibit shows how the "Engineering News-Record Building Cost Index" has increased, using 1913 as the base year. The index is an average of 20 cities throughout the nation as compiled and published by *Engineering News-Record*, a publication of the McGraw-Hill Companies. The chart shows a continuing increase of the cost index, with a 2.07% increase over the previous year.

The chart "***Past and Projected School Construction Costs***" shows the unit costs used for determining school construction costs that are eligible for funding through the state school construction program. These figures are provided by the Interagency Committee on School Construction and represent a state-wide average cost. As can be seen, these costs have increased over 100 percent since July 2000.

"***Charles County School Construction Costs Since 1980***", shows the construction costs for new schools and renovations built locally in the past 41 years. As is readily evident, the costs have risen considerably which follows the national and state trends indicated by the cost indices.

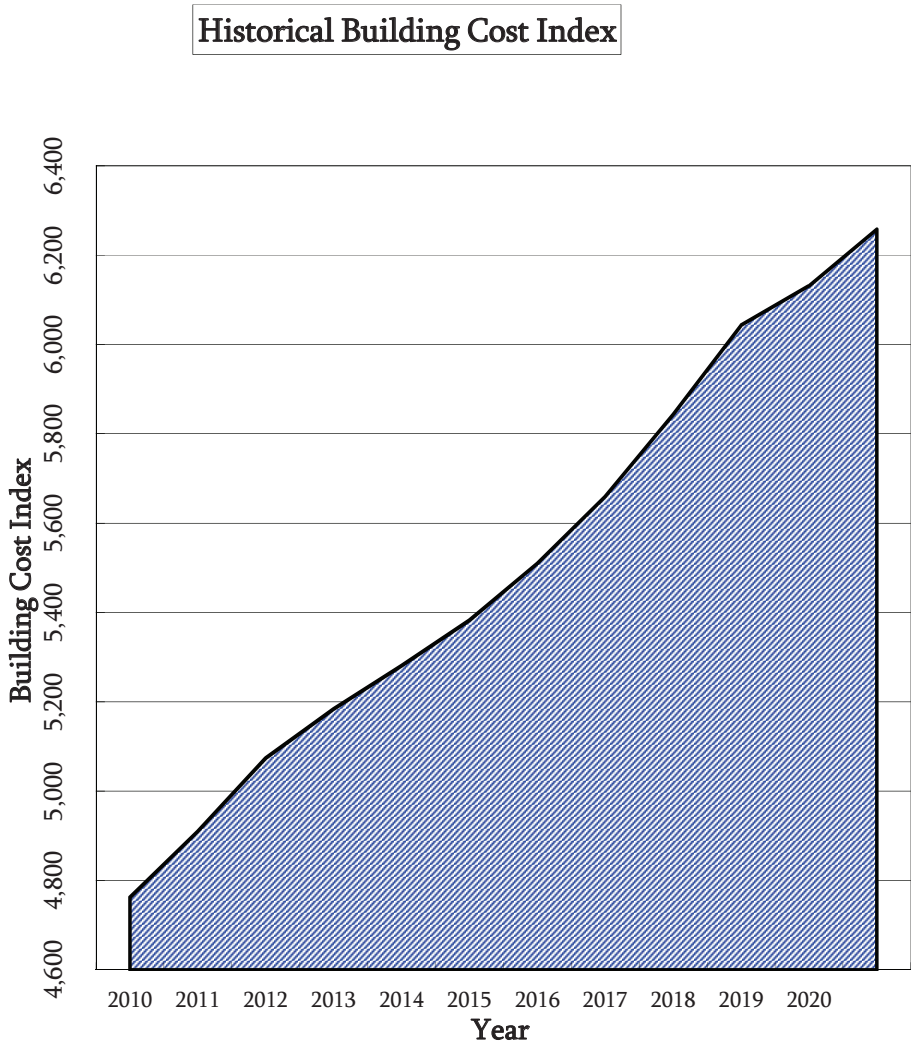
HISTORICAL BUILDING COST INDEX

1913 = 100

YEAR	COST INDEX	YEAR	COST INDEX	YEAR	COST INDEX
1980	1,950	1994	3,107	2008	4,723
1981	2,106	1995	3,114	2009	4,762
1982	2,258	1996	3,190	2010	4,910
1983	2,414	1997	3,190	2011	5,074
1984	2,418	1998	3,392	2012	5,184
1985	2,448	1999	3,382	2013	5,281
1986	2,499	2000	3,460	2014	5,383
1987	2,538	2001	3,545	2015	5,510
1988	2,598	2002	3,625	2016	5,659
1989	2,627	2003	3,652	2017	5,844
1990	2,716	2004	3,683	2018	6,043
1991	2,757	2005	4013	2019	6,131
1992	2,845	2006	4,197	2020	6,258
1993	3,038	2007	4356		

Index as of July of each year

Information obtained from McGraw Hill Construction's Engineering News Record



PAST AND PROJECTED SCHOOL CONSTRUCTION COSTS*

YEAR	BUILDING COST (less site development)	CONSTRUCTION COST (with site development)
July 1987	79.47	89.00
July 1988	85.19	95.41
July 1989	91.32	102.28
July 1990	87.05	97.50
July 1991	87.05	97.50
July 1992	78.35	87.75
July 1993	78.35	87.75
July 1994	78.35	87.75
July 1995	82.27	92.14
July 1996	82.27	92.14
July 1997	87.50	98.00
July 1998	92.00	103.00
July 1999	94.75	106.12
July 2000	104.25	116.76
July 2001	122.00	136.64
July 2002	133.75	149.80
July 2003	138.75	155.40
July 2004	140.00	156.80
July 2005	157.00	175.84
July 2006	190.00	213.00
July 2007	215.00	240.80
July 2008	224.00	250.88
July 2009	200.00	224.00
July 2010	200.00	224.00
July 2011	207.00	231.84
July 2012	215.00	240.80
July 2013	224.00	250.88
July 2014	233.00	260.96
July 2015	282.00	335.58
July 2016	265.00	315.35
July 2017	302.00	360.00
Aug. 2018**	318.00	378.00
July 2019	329.00	391.00
July 2020	341.00	406.00

* As provided by the Interagency Commission on School Construction.

** Revised on August 30, 2018 by the IAC.

CHARLES COUNTY PUBLIC SCHOOLS

SCHOOL CONSTRUCTION COSTS SINCE 1980

School	Year Completed	Building Area	Construction Cost	State Share	Local Share	Cost per Square Foot
NEW BUILDINGS/ ADDITIONS						
ELEMENTARY						
Jenifer	1987	58,500	$4,789,591	$4,546,591	$243,000	$81.87
William B. Wade	1989	63,376	6,514,842	3,705,000	2,809,842	102.80
Mary H. Matula	1992	62,823	5,485,000	3,277,001	2,207,999	87.31
C. Paul Barnhart	1994	65,888	5,931,933	1,867,000	4,064,933	90.03
Berry	1996	72,454	7,072,000	4,272,000	2,800,000	97.61
William B. Wade Addn	2002	12,877	1,682,565	910,000	772,565	130.66
William A. Diggs	2006	87,100	19,742,095	0	19,742,095	226.66
Mary Burgess Neal	2008	86,565	19,591,912	12,683,000	6,908,912	226.33
C. Paul Barnhart	2008	5,870	1,215,000	827,216	387,784	206.98
T.C. Martin	2009	10,003	2,231,000	1,600,743	630,257	223.03
Gale-Bailey	2009	5,676	1,783,000	1,279,303	503,697	314.13
Mt. Hope/Nanjemoy	2010	6,400	1,461,500	1,016,050	445,450	228.36
Dr. Gustavus Brown	2010	10,306	1,329,000	1,019,480	309,520	128.95
Eva Turner	2011	8,387	1,114,000	850,850	263,150	132.82
Indian Head	2011	4,279	698,300	532,301	165,999	163.19
Arthur Middleton	2012	7,878	1,423,700	1,085,546	338,154	180.72
Mary H. Matula	2016	9,555	3,314,000	1,467,000	1,847,000	346.83
Daniel of St. Thomas Jenifer	2016	7,785	2,332,872	1,404,752	928,120	299.66
Berry	2018	5,476	3,205,000	1,476,000	1,729,000	585.28
Dr. James Craik	2018	8,663	3,494,000	2,137,000	1,357,000	403.32
Billingsley/ES #22	2,019	103,737	35,165,000	17,730,000	17,435,000	338.98
TOTAL ELEMENTARY		**703,598**	**$129,576,310**	**$63,686,833**	**$65,889,477**	**$184.16**
MIDDLE						
Mattawoman	1995	120,300	12,566,000	6,539,000	6,027,000	$104.46
Theodore G. Davis	2007	134,542	26,235,676	16,048,000	10,187,676	195.00
TOTAL MIDDLE		**254,842**	**$38,801,676**	**$22,587,000**	**$16,214,676**	**$152.26**
HIGH						
Westlake	1992	186,500	$19,977,754	$11,775,000	$8,202,754	$107.12
Henry E. Lackey Pool Addn	2003	18,695	3,912,763	1,131,000	2,781,763	209.29
North Point	2005	311,000	50,042,142	28,222,000	21,820,142	160.91
St. Charles	2014	269,100	69,539,844	45,832,000	28,535,000	258.42
St. Charles	2015	19,183	6,750,000	0	6,750,000	351.87
TOTAL HIGH		**804,478**	**$150,222,503**	**$86,960,000**	**$68,089,659**	**$186.73**
RENOVATIONS / ADDITIONS						
ELEMENTARY						
Mt. Hope/Nanjemoy Ren/Addn	1983	35,000	$2,155,780	$1,861,000	$294,780	$61.59
Malcolm Ren/Addn	1984	49,928	2,324,222	1,574,444	749,778	46.55
Dr. Higdon (Wayside) Ren/Addn	1988	52,000	5,054,024	2,204,000	2,850,024	97.19
J. C. Parks Ren/Addn	1997	75,692	6,462,206	2,865,000	3,597,206	85.38
J. P. Ryon Ren/Addn	2001	73,748	7,638,578	3,478,000	4,160,578	103.58
Dr. Mudd Ren/Addn	2,019	76,819	23,689,000	12,142,000	11,547,000	308.37
TOTAL ELEMENTARY		**363,187**	**$47,323,810**	**$24,124,444**	**$23,199,366**	**$130.30**
MIDDLE						
Milton Somers Ren	1981	106,711	2,620,293	2,190,143	430,150	$24.56
Matthew Henson Ren/Addn	1982	89,125	3,914,462	3,353,522	560,940	43.92
TOTAL MIDDLE		**195,836**	**$6,534,755**	**$5,543,665**	**$991,090**	**$33.37**
HIGH						
Thomas Stone Ren/Addn	1998	225,957	$16,790,262	$7,931,000	$8,859,262	$74.31
Henry E. Lackey Ren/Addn	2001	209,500	19,432,878	8,908,000	10,524,878	92.76
TOTAL HIGH		**435,457**	**$36,223,140**	**$16,839,000**	**$19,384,140**	**$83.18**
TOTAL		**2,757,398**	**$408,682,194**	**$219,740,942**	**$193,768,408**	**$148.21**

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SCHOOL LOCATIONS AND SERVICE AREAS

The Chart entitled, "*Public School Facilities, Charles County,*" shows the locations of all existing public school buildings in the county. Also shown are the locations of Charles County's Robert D. Stethem Educational Center, Nanjemoy Creek Environmental Education Center, which serves the entire county, and the F.B. Gwynn Center that provides early childhood education services and programs.

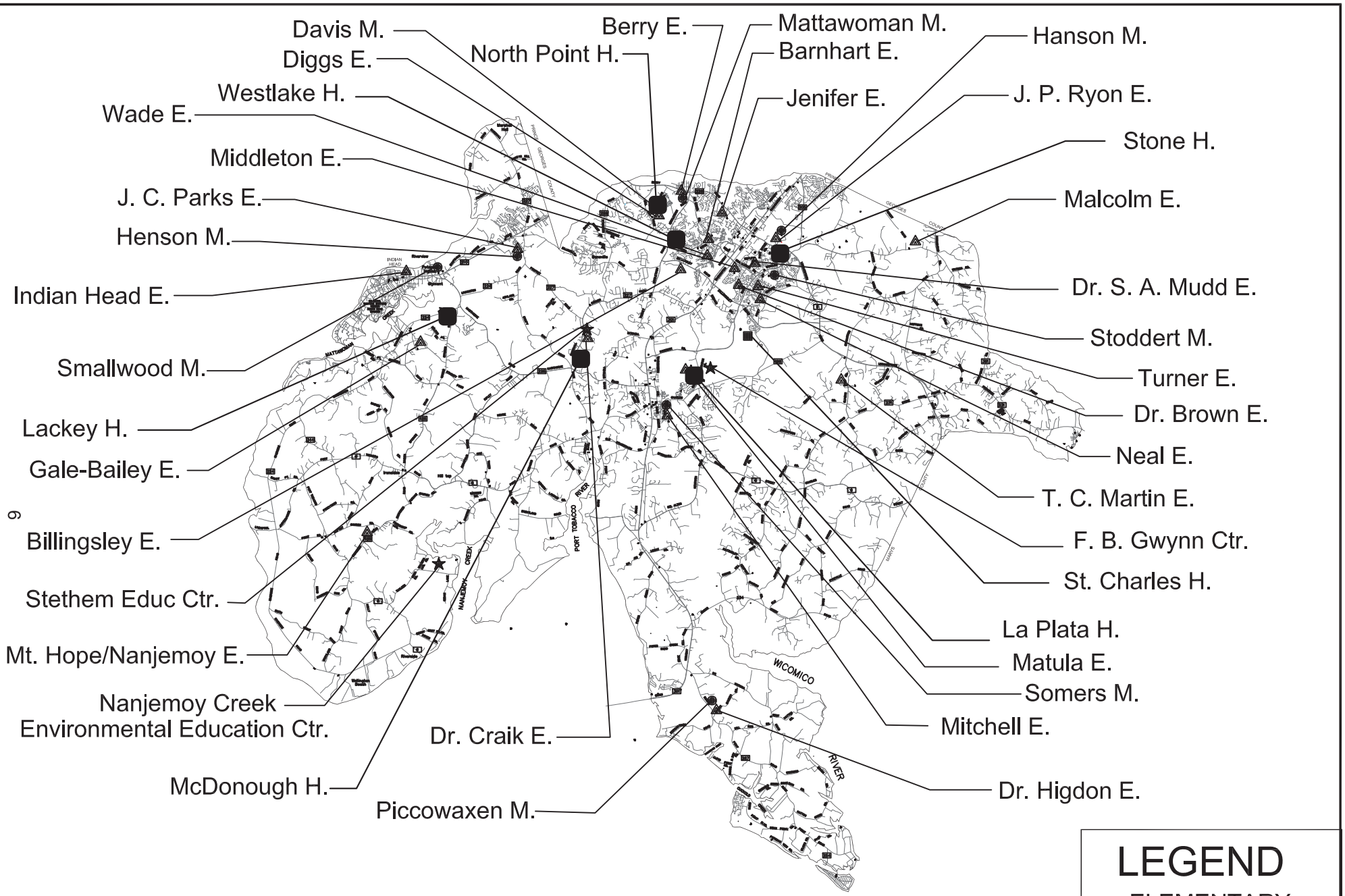
The service areas of the existing elementary, middle and high schools for SY2020 are delineated in the following pages:

1. "*Elementary School Districts, SY 2020-2021*"
2. "*Detail "A", Elementary School Districts*"
3. "*Middle School Districts, SY 2020-2021'*
4. "*High School Districts, SY 2020-2021'*
5. "*High School Districts, SY 2020-2021*"

The various school district boundaries are subject to adjustment to relieve some overcrowded facilities and to achieve a better student balance. The above attendance zone maps reflect changes made at the middle and high school level that took effect last year. A work group will be formed in early fall to assess this year's enrollments and any need to consider boundary adjustments.

FACILITIES INVENTORY

The charts titled "*Facilities Inventory - Elementary Schools & Other Facilities*" and "*Facilities Inventory - Secondary Schools and Centers*" present basic information about all of the schools and other buildings in Charles County Public Schools' inventory. More detailed information can be found in the Facilities Inventory section of the Educational Facilities Master Plan.



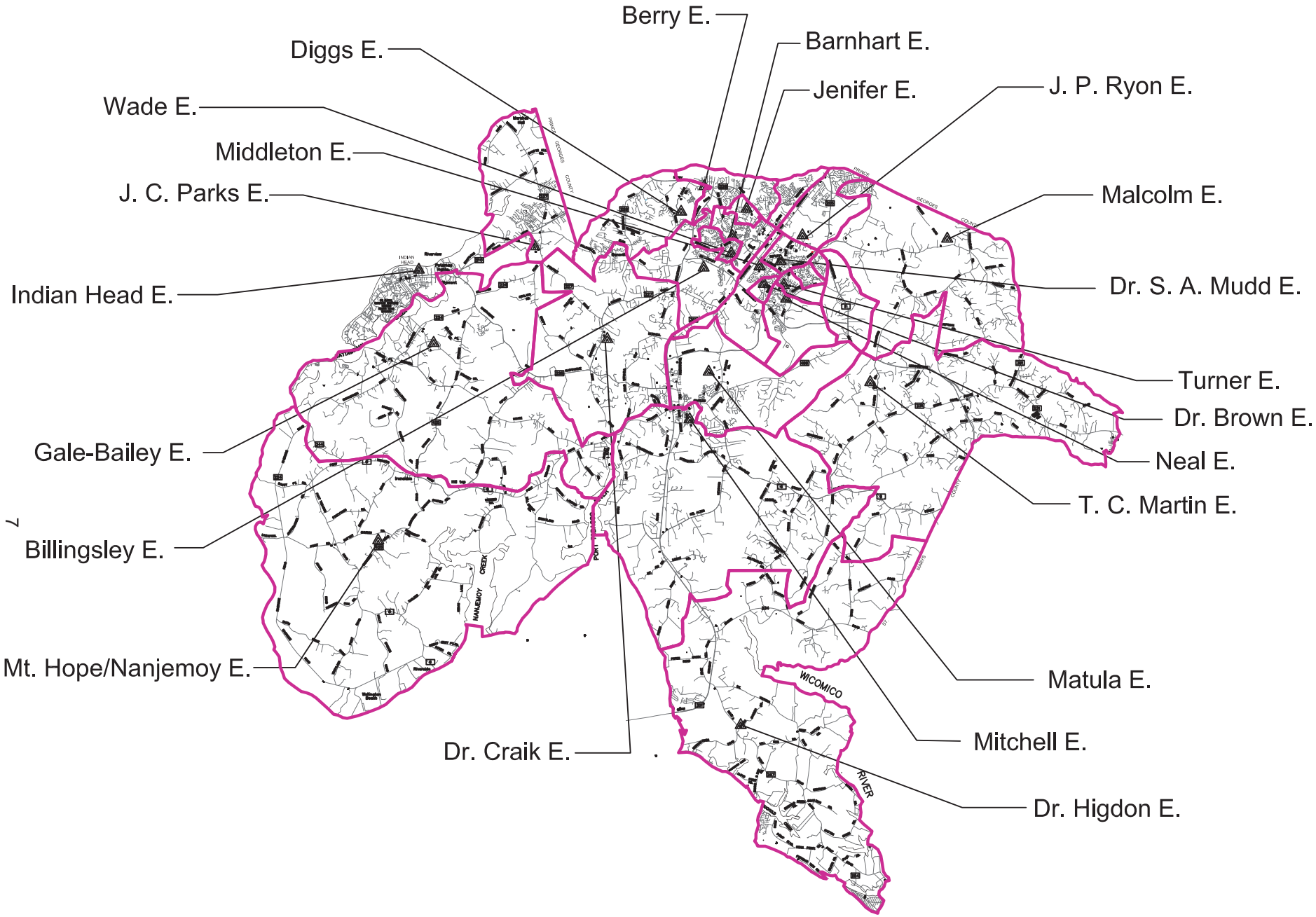
PUBLIC SCHOOL FACILITIES

CHARLES COUNTY, MARYLAND

LEGEND

- ▲ ELEMENTARY
- ● MIDDLE
- ■ HIGH
- ★ OTHER

facmap 2020.dwg 06/2020

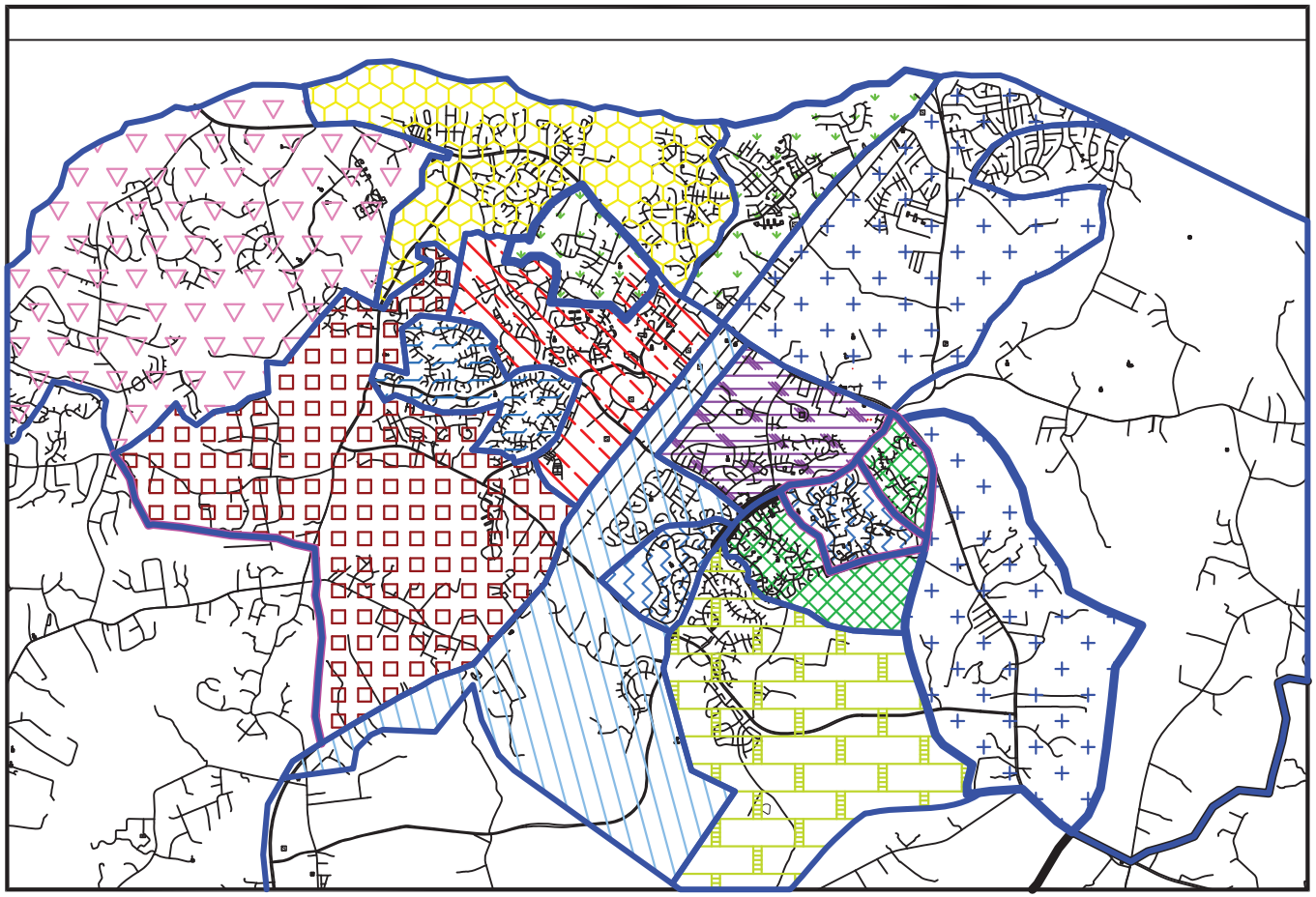


ELEMENTARY SCHOOL DISTRICTS SY 2020 - 2021
CHARLES COUNTY, MARYLAND

facmap 2020.dwg 06/2020

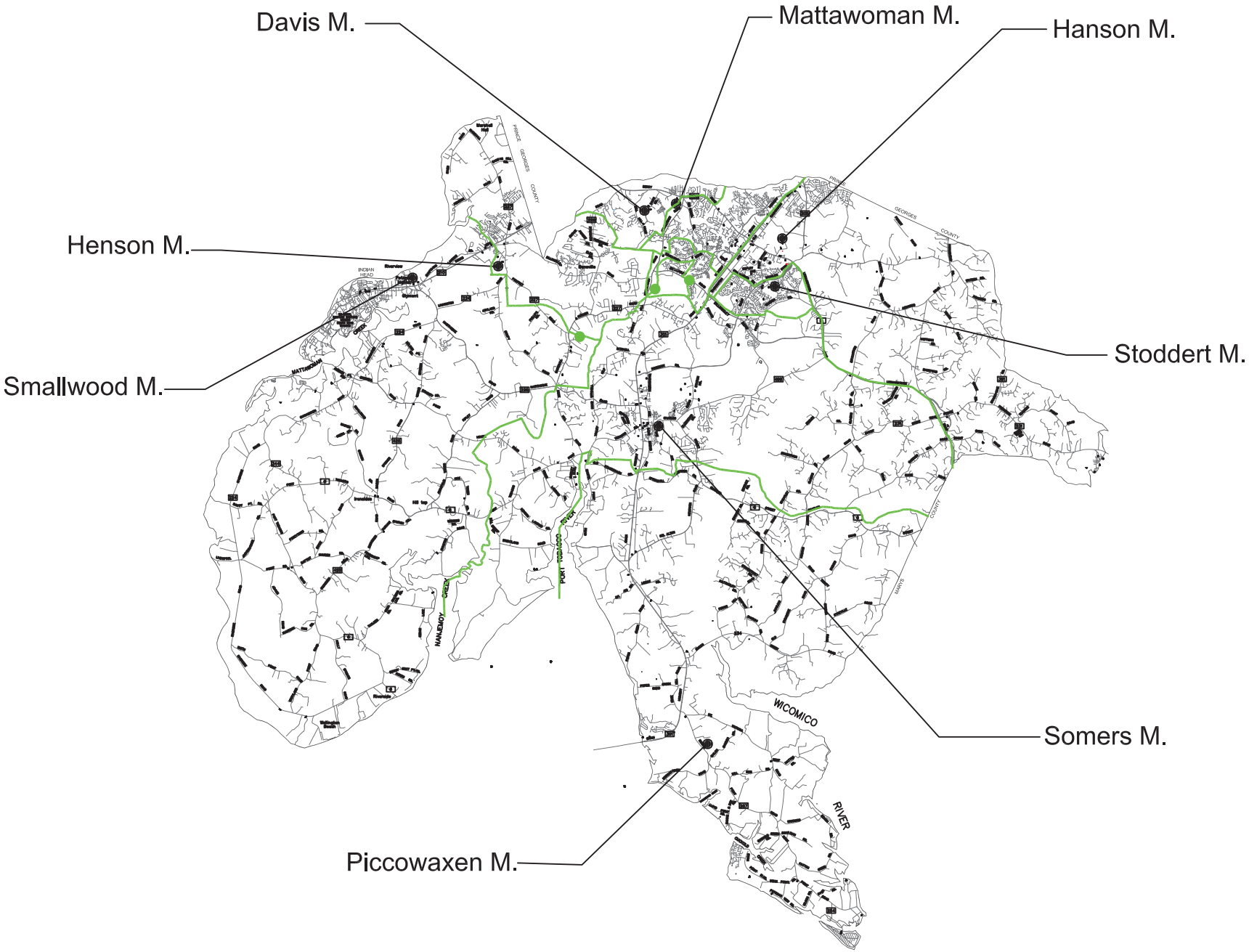
LEGEND

- Barnhart
- Berry
- Dr. Brown
- Diggs
- Jenifer
- Middleton
- Dr. S. A. Mudd
- Neal
- J. P. Ryon
- Turner
- Wade
- Billingsley



Detail -A- Elementary School Districts

05/2020



MIDDLE SCHOOL DISTRICTS SY 2020 - 2021

CHARLES COUNTY, MARYLAND

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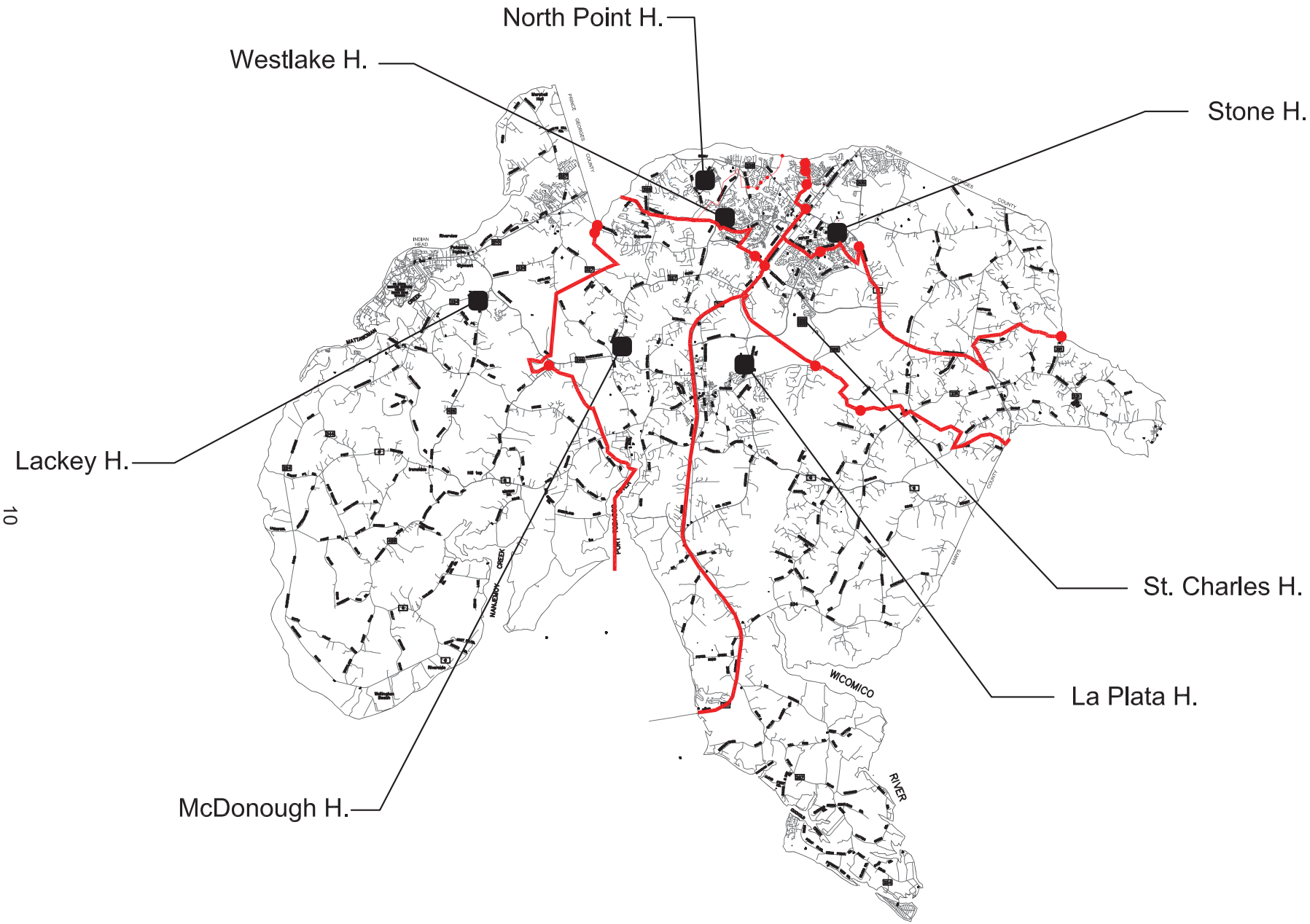

HIGH SCHOOL DISTRICTS SY 2020 - 2021
CHARLES COUNTY, MARYLAND

facmap 2020.dwg 06/2020

Facilities Inventory - Elementary Schools & Other Facilities

Facility	Building Area	State Rated Capacity	Year Opened	# of Renovations	HVAC System	Handicapped	Elevator	Site Acres	Number of Rooms: Regular Classrooms	Pre-K / Kindergarten	Special Educ.	Music/Art	Home Ec.	Tech. Ed.	Science	Total	Area: Media Center	Gymnasium	Cafeteria/Multi-Purpose	Auditorium	Food Service & Operations	Administration
ELEMENTARY																						
C. Paul Barnhart	71,758	602	1993/2009	0	2,3,A	Y	Y	19.36	17	7	0	3				27	2,431	3,900	2,175		4,276	3,132
Berry	77,930	724	1996/2018	0	2,3,A	Y	N	12.20	24	3	5	3			1	36	3,100	3,900	2,175		5,412	4,448
Billingsley	103,737	758	2019	0	1,6,A	Y	Y	44.00	27	6	3	3			1	40	2,566	5,902	2,897		3,600	4,246
Dr. Gustavus Brown	64,819	493	1974/2011	0	2,3,B	Y	N	21.00	20	2	2	2				26	1,950	3,200	3,200		3,200	2,290
Dr. James Craik	67,872	519	1974/2018	0	5,B	Y	N	21.00	17	2	2	3				24	3,920	6,768	4,800		3,170	7,200
William A. Diggs	87,100	725	2006	0	2,3,A	Y	N	20.00	25	7	2	3				37	2,970	5,220	2,848		4,647	6,492
Gale-Bailey	51,422	405	1969/95/09	0	2,3,B	N	N	21.65	11	5	1	3				20	1,696		4,020		4,000	1,908
Dr. Thomas L. Higdon	52,000	451	1951/1988	2	2,3,B	Y	N	9.29	18	3	2	3				26	2,108	3,500	2,065		3,600	1,800
Indian Head	60,529	461	1976/95/12	0	2,3,B	Y	N	7.80	15	2	2	3				22	2,800	3,950	1,800		3,650	2,500
Daniel of St. Thomas Jenifer	66,285	588	1987/2016	0	2,3,B	Y	N	20.25	20	2	2	3				27	3,120	2,700	2,050		4,060	2,250
Malcolm	51,328	394	1955/1984	2	1	Y	N	26.42	15	2	2	2				21	3,046	5,194	1,408		1,771	1,431
T.C. Martin	54,349	450	1967/2009	0	2,3,B	N	N	30.00	13	5	1	3				22	1,696		4,020		4,000	1,908
Mary H. Matula	72,378	656	1992/2016	0	2,3,A	Y	N	34.65	20	3	3	3			1	30	2,960	3,960	2,240		4,680	3,470
Arthur Middleton	76,249	507	1973/2012	0	2,3,B	Y	N	21.00	13	4	1	3				21	4,100		4,843		4,560	2,340
Walter J. Mitchell	72,162	578	1965	0	2,3,A	Y	N	25.00	21	2	5	2				30	3,280	4,843	3,600		4,277	3,180
Mt. Hope/Nanjemoy	42,780	324	1955/83/10	3	2,3,B	Y	N	19.00	10	3	1	3				17	2,090	2,300	2,120		2,020	2,900
Dr. Samuel A. Mudd	76,819	527	67/95/2019	0	1,6,A	Y	N	21.60	17	5	3	3			1	29	1,966	4,734	3,931		3,354	3,564
Mary Burgess Neal	86,880	745	2008	0	2,3,A	Y	Y	22.10	24	6	4	3				37	2,726	5,468	2,809		5,306	5,665
J.C. Parks	75,692	644	1967/1997	1	2,3,A	Y	N	15.00	24	3	4	3			1	35	3,102	3,944	3,250		4,000	3,100
J.P. Ryon	73,748	640	1969/2001	0.98	2,3,A	Y	N	20.00	24	3	4	3			1	35	3,190	3,712	3,990		4,300	3,100
Eva Turner	64,207	481	1979/95/11	0	2,3,B	Y	N	20.00	15	2	2	2				21	1,950	3,200	3,200		3,200	2,290
William B. Wade	76,253	679	1989/2002	0	2,3,A	Y	N	20.00	27	3	3	3				36	2,960	8,000	2,240		4,680	3,470
ELEMENTARY TOTALS	1,526,297	12,351						471.32	417	80	54	62	0	0	6	619	59,727	84,395	65,681	0	85,763	72,684
OTHER																						
Annex #1	13,572		1951/1985	2	1	N	N	3.00	6			1			1	8	848				951	2,059
Annex #2	11,648	N/A	1951	1	2,4,B	N	N															
Jesse L. Starkey Admin. Bldg.	98,400	N/A	1983/1985	0	2,3,A	Y	Y	17.86														
Maintenance Facility	9,656	N/A	1951/1998	1	4	N	N	N/A														
OTHER TOTALS	133,276							20.86														

HVAC LEGEND

HEATING		COOLING
1 - HEAT PUMP	2 - HOT AIR	A - CENTRAL CHILLER
3 - HOT WATER	4 - STEAM	B - DX COILS
5 - ELECTRIC HEAT	6 - GEO-THERMAL	

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09/10/2020

Facilities Inventory - Secondary Schools & Centers

Facility	Building Area	State Rated Capacity	Year Opened	# of Renovations	HVAC System	Handicapped	Elevator	Site Acres	Number of Rooms: Regular Classrooms	Pre-K / Kindergarten	Special Educ.	Music/Art	Home Ec.	Tech. Ed.	Science	Total	Area: Media Center	Gymnasium	Cafeteria/Multi-Purpose	Auditorium	Food Service & Operations	Administration
MIDDLE																						
Theodore G. Davis	134,542	997	2007	0	2,3,A	Y	Y	32.98	42		0	5	1	0	6	54	4,287	10,612	4,369		6,513	6,087
John Hanson	121,224	797	1972	0	2,3,B	Y	N	39.84	23		3	3	3	2	4	38	7,072	18,786	3,600		5,940	2,960
Matthew Henson	89,125	668	1957/1982	2	1,3	Y	Y	35.00	17		2	4	2	2	5	32	4,690	11,696	4,548		2,608	1,650
Mattawoman	120,300	912	1995	0	2,3,A	Y	Y	50.40	26		8	5	3	3	6	51	3,427	6,400	3,500		6,355	3,691
Piccowaxen	83,032	563	1977	0	2,3,A	Y	N	23.27	11		4	4	2	2	2	25	7,335	6,241	2,760		5,112	2,238
General Smallwood	91,173	604	1953/1979	2	2,3,A	Y	Y	16.00	26		3	4	2	2	5	42	8,750	13,627	4,000		3,679	2,400
Milton M. Somers	106,711	795	1964/1981	2	4,B	Y	Y	95.50	20		8	3	3	2	6	42	3,190	14,068	5,520		4,733	2,530
Benjamin Stoddert	105,800	722	1976	0	2,3,A	Y	N	75.00	25		1	4	2	2	4	38	3,440	12,000	4,525		5,225	3,185
TOTAL MIDDLE	851,907	6,058						367.99	190	0	29	32	18	15	38	322	42,191	93,430	32,822	0	40,165	24,741
HIGH																						
Henry E. Lackey	228,195	1,444	1969/2003	1	2,3,A	Y	Y	51.00	52		3	5	3	2	9	74	5,850	9,600	6,610	6,670	9,100	6,850
La Plata	174,318	1,198	1979	0	1,3	Y	Y	30.00	36		2	3	2	3	6	52	8,942	14,721	8,100	8,200	8,958	3,570
Maurice J. McDonough	174,315	1,164	1977	0	2,3,A	Y	N	50.00	36		1	5	2	3	7	54	8,863	12,120	8,100	8,200	8,958	3,570
North Point	311,270	1,565	2005	0	2,3,A	Y	Y	82.00	41		4	7	2	18	10	82	5,818	22,558	10,358	8,954	5,260	7,009
St. Charles	288,283	1,511	2014/2015	0	1,6,A	Y	Y	99.00	46		4	6	2	5	12	75	4,094	6,681	7,859	6,695	5,190	4,405
Thomas Stone	225,957	1,433	1969/1998	1	2,3,A	Y	Y	54.72	38		8	7	3	2	11	69	5,550	9,600	6,720	6,800	9,170	6,850
Westlake	186,500	1,246	1992	0	2,3,A	Y	Y	53.36	42		6	6	3	2	8	67	6,460	12,470	4,600	5,660	8,000	8,200
TOTAL HIGH	1,588,838	9,561						420.08	291	0	28	39	17	35	63	473	45,577	87,750	52,347	51,179	54,636	40,454
CENTERS																						
F. B. Gwynn	50,238	210	1977/2012	0	2,3,B	Y	N	8.26			11	2	1	1	1	16	728	3,250	1,620		2,940	2,949
Bumpy Oak	10,451		1956/1972	3	3	N	N	8.00								0						
Stethem Educational Center	74,106	396	1969/1976	1	2,3,B	Y	N	68.80	24		1					25				2,784		3,750
Pomonkey Annex	0	N/A	1932	2	4	N	N	16.36														
TOTAL CENTERS	134,795							101.424	24	0	12	2	1	1	1	41	728	3,250	1,620	2,784	2,940	6,699
GRAND TOTALS	**4,235,113**	**27,970**																				

HVAC LEGEND

HEATING		COOLING
1 - HEAT PUMP	2 - HOT AIR	A - CENTRAL CHILLER
3 - HOT WATER	4 - STEAM	B - DX COILS
5 - ELECTRIC HEAT	6 - GEO-THERMAL	

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09/10/2020

SCHOOL PROJECTIONS AND ENROLLMENT

The next three pages show county-wide enrollment projections, by grade, as prepared by Charles County Public Schools, Maryland Department of Planning and a comparison of the two. The chart "*Charles County Public School Enrollment, Past and Projected*" depicts the enrollment growth in Charles County graphically. The pages following show the actual September 18, 2020 enrollment in both tabular and graphical forms.

Public School Enrollment Projections 2019 - 2029*

Charles County Public Schools

GRADES	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
KINDERGARTEN	1,737	1,786	1,793	1,795	1,728	1,817	1,862	1,866	1,888	1,920	1,946
1	1,858	1,826	1,863	1,865	1,828	1,828	1,933	1,946	1,968	2,000	2,026
2	2,026	1,947	1,893	1,935	1,895	1,928	1,923	1,997	2,018	2,050	2,077
3	1,880	2,097	2,003	1,935	1,938	1,968	1,994	1,957	2,038	2,070	2,097
4	1,959	1,967	2,174	2,065	1,967	2,038	2,064	2,057	2,019	2,120	2,147
5	1,999	2,057	2,044	2,245	2,094	2,057	2,124	2,117	2,119	2,100	2,197
TOTAL ELEMENTARY	11,459	11,680	11,770	11,840	11,450	11,636	11,900	11,940	12,050	12,260	12,490
6	2,149	2,093	2,123	2,093	2,406	2,250	2,180	2,173	2,210	2,226	2,173
7	2,208	2,233	2,143	2,163	2,237	2,420	2,300	2,183	2,260	2,276	2,263
8	2,147	2,284	2,274	2,174	2,297	2,240	2,460	2,294	2,260	2,318	2,304
TOTAL MIDDLE	6,504	6,610	6,540	6,430	6,940	6,910	6,940	6,650	6,730	6,820	6,740
9	2,355	2,560	2,660	2,700	2,535	2,551	2,525	2,840	2,680	2,580	2,640
10	2,139	2,340	2,420	2,570	2,505	2,391	2,415	2,460	2,680	2,530	2,470
11	2,091	2,110	2,190	2,290	2,365	2,341	2,235	2,320	2,290	2,495	2,375
12	2,034	2,160	2,110	2,210	2,275	2,371	2,345	2,290	2,300	2,275	2,515
TOTAL HIGH	8,619	9,170	9,380	9,770	9,680	9,654	9,520	9,910	9,950	9,880	10,000
TOTAL SCHOOL ENROLLMENT*	**26,582**	**27,460**	**27,690**	**28,040**	**28,070**	**28,200**	**28,360**	**28,500**	**28,730**	**28,960**	**29,230**

* Head Count, No Pre-K

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Public School Enrollment Projections 2019 - 2029 *

Maryland Department of Planning

GRADES	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
KINDERGARTEN	1,737	1,760	1,760	1,760	1,710	1,790	1,810	1,820	1,840	1,860	1,880
1	1,858	1,800	1,830	1,830	1,830	1,800	1,880	1,900	1,920	1,940	1,960
2	2,026	1,920	1,860	1,900	1,900	1,900	1,870	1,950	1,970	1,990	2,010
3	1,880	2,070	1,970	1,900	1,940	1,940	1,940	1,910	1,990	2,010	2,030
4	1,959	1,940	2,140	2,030	1,970	2,010	2,010	2,010	1,970	2,060	2,080
5	1,999	2,030	2,010	2,210	2,100	2,030	2,070	2,070	2,070	2,040	2,130
TOTAL ELEMENTARY	11,459	11,520	11,570	11,630	11,450	11,470	11,580	11,660	11,760	11,900	12,090
6	2,149	2,060	2,090	2,070	2,290	2,170	2,100	2,140	2,140	2,140	2,100
7	2,208	2,200	2,110	2,140	2,120	2,340	2,220	2,150	2,190	2,190	2,190
8	2,147	2,250	2,240	2,150	2,180	2,160	2,380	2,260	2,190	2,230	2,230
TOTAL MIDDLE	6,504	6,510	6,440	6,360	6,590	6,670	6,700	6,550	6,520	6,560	6,520
9	2,355	2,450	2,560	2,560	2,450	2,480	2,470	2,720	2,580	2,500	2,540
10	2,139	2,230	2,320	2,430	2,420	2,330	2,360	2,340	2,580	2,450	2,370
11	2,091	2,040	2,130	2,210	2,320	2,310	2,220	2,250	2,230	2,460	2,330
12	2,034	2,110	2,070	2,150	2,240	2,340	2,330	2,240	2,270	2,250	2,480
TOTAL HIGH	8,619	8,830	9,080	9,350	9,430	9,460	9,380	9,550	9,660	9,660	9,720
TOTAL SCHOOL ENROLLMENT*	**26,582**	**26,860**	**27,090**	**27,340**	**27,470**	**27,600**	**27,660**	**27,760**	**27,940**	**28,120**	**28,330**

* Head Count No Pre-K

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Comparison of Enrollment Projections
Charles County Public Schools
vs Maryland Department of Planning

GRADE		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
K	CCPS	1,737	1,786	1,793	1,795	1,728	1,817	1,862	1,866	1,888	1,920	0
	MDP	1,737	1,760	1,760	1,760	1,710	1,790	1,810	1,820	1,840	1,860	0
1 - 5	CCPS	9,722	9,894	9,977	10,045	9,722	9,819	10,038	10,074	10,162	10,340	0
	MDP	9,722	9,760	9,810	9,870	9,740	9,680	9,770	9,840	9,920	10,040	0
K - 5	CCPS	11,459	11,680	11,770	11,840	11,450	11,636	11,900	11,940	12,050	12,260	0
	MDP	11,459	11,520	11,570	11,630	11,450	11,470	11,580	11,660	11,760	11,900	0
6 - 8	CCPS	6,504	6,610	6,540	6,430	6,940	6,910	6,940	6,650	6,730	6,820	0
	MDP	6,504	6,510	6,440	6,360	6,590	6,670	6,700	6,550	6,520	6,560	0
9 - 12	CCPS	8,619	9,170	9,380	9,770	9,680	9,654	9,520	9,910	9,950	9,880	0
	MDP	8,619	8,830	9,080	9,350	9,430	9,460	9,380	9,550	9,660	9,660	0
TOTAL*	CCPS	26,582	27,460	27,690	28,040	28,070	28,200	28,360	28,500	28,730	28,960	0
	MDP	26,582	26,860	27,090	27,340	27,470	27,600	27,660	27,760	27,940	28,120	0

* Head Count, No Pre-K

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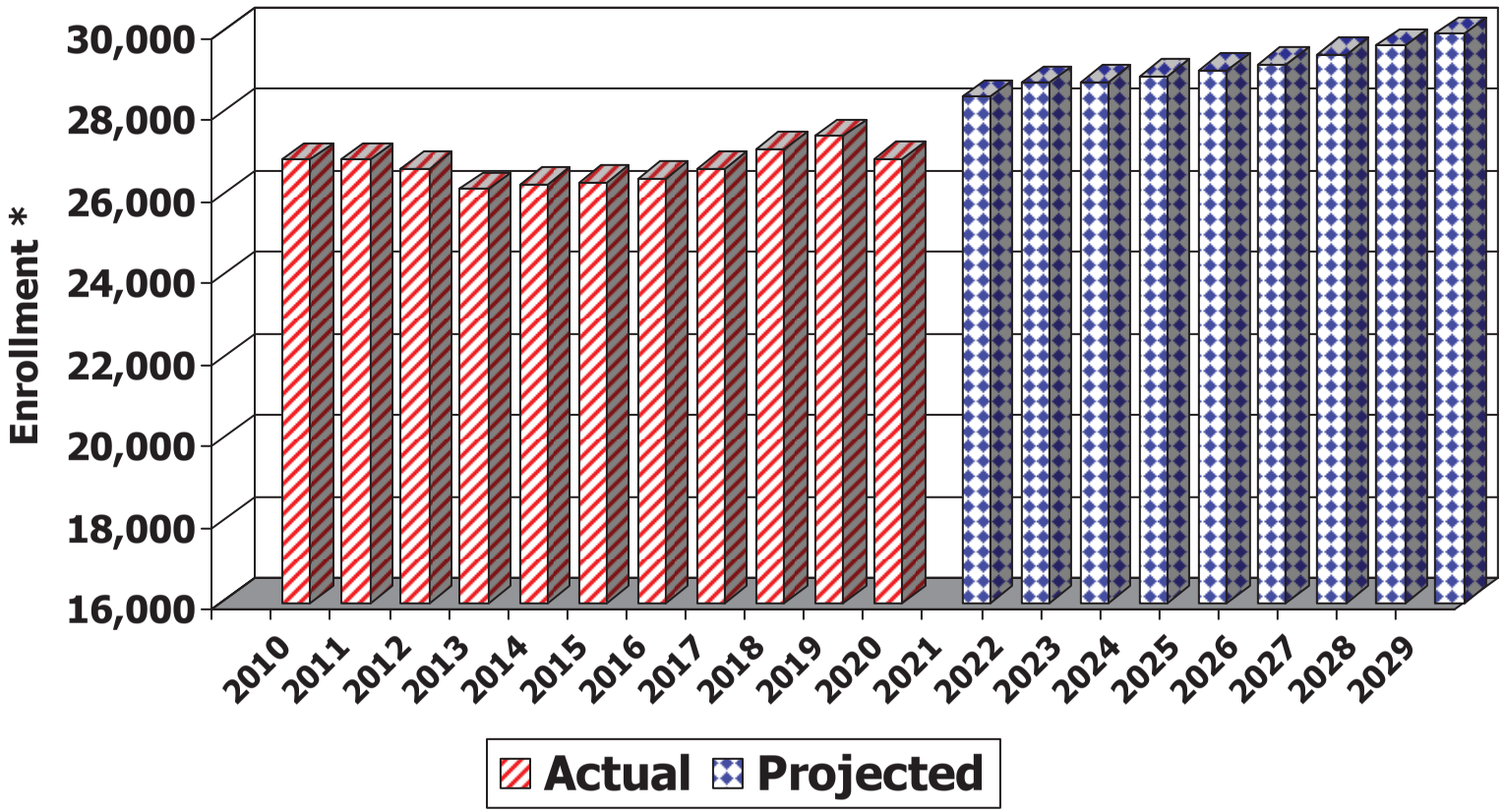
Charles County Public School Enrollment Past & Projected



* Head Count

** September 17, 2020 Telephone Count

CHARLES COUNTY PUBLIC SCHOOLS

STUDENT ENROLLMENT

Telephone Count September 17, 2020 (18th is Fair Day- no School)

SCHOOL	EQ PRE-K	K	1	2	3	4	5	TOTAL EQUIV. ELEM#	6	7	8	TOTAL MIDDLE	9	10	11	12	TOTAL HIGH	GRAND TOTAL#	9/30/2020 PROJ. ENROLL#	OVER (UNDER)
C. Paul Barnhart*	44.0	82.0	97	96	100	89	103	611.0										611.0	669.0	(58.0)
Berry	45.0	89.0	103	112	113	101	117	680.0										680.0	692.0	(12.0)
Billingsley	33.0	81.0	105	111	120	109	131	690.0										690.0	707.0	(17.0)
Dr. Gustavus Brown*	30.0	47.0	57	54	79	68	71	406.0										406.0	427.0	(21.0)
Dr. James Craik	29.0	71.0	72	91	86	83	70	502.0										502.0	505.0	(3.0)
William A. Diggs	38.0	109.0	102	122	129	133	138	771.0										771.0	747.0	24.0
Gale-Bailey	19.0	51.0	48	53	66	55	55	347.0										347.0	374.0	(27.0)
Dr. Thomas L. Higdon	17.0	47.0	63	49	66	51	74	367.0										367.0	402.0	(35.0)
Indian Head*	35.0	47.0	72	64	68	66	59	411.0										411.0	461.0	(50.0)
Daniel of St. Thomas Jenifer*	38.0	91.0	101	91	88	99	96	604.0										604.0	625.0	(21.0)
Malcolm	20.0	67.0	54	81	64	79	59	424.0										424.0	457.0	(33.0)
T. C. Martin	31.0	58.0	68	92	76	73	73	471.0										471.0	526.0	(55.0)
Mary H. Matula	25.0	70.0	70	84	100	83	100	532.0										532.0	572.0	(40.0)
Arthur Middleton	29.0	79.0	85	86	89	98	81	547.0										547.0	555.0	(8.0)
Walter J. Mitchell	31.0	82.0	88	89	111	90	119	610.0										610.0	623.0	(13.0)
Mt Hope/Nanjemoy*	19.0	47.0	30	28	39	39	30	232.0										232.0	255.0	(23.0)
Dr. Samuel A. Mudd*	37.0	83.0	77	85	107	84	88	561.0										561.0	614.0	(53.0)
Mary Burgess Neal	47.0	89.0	97	105	114	100	131	683.0										683.0	691.0	(8.0)
J. C. Parks	34.0	66.0	88	89	107	116	90	590.0										590.0	615.0	(25.0)
J. P. Ryon*	48.0	74.0	92	116	110	83	115	638.0										638.0	714.0	(76.0)
Eva Turner*	33.0	66.0	58	58	51	80	74	420.0										420.0	450.0	(30.0)
William B, Wade	17.0	95.0	108	95	102	97	106	620.0										620.0	694.0	(74.0)
Theordore G. Davis									298	283	306	887						887.0	874.0	13.0
John Hanson									276	293	288	857						857.0	933.0	(76.0)
Matthew Henson									246	276	266	788						788.0	815.0	(27.0)
Mattawoman									328	341	353	1,022						1,022.0	1,058.0	(36.0)
Piccowaxen									134	153	156	443						443.0	458.0	(15.0)
General Smallwood									178	154	169	501						501.0	513.0	(12.0)
Milton M. Somers									311	355	387	1,053						1,053.0	1,094.0	(41.0)
Benjamin Stoddert									253	277	311	841						841.0	856.0	(15.0)
Henry E. Lackey													299	263	218	251	1,031	1,031.0	1,040.0	(9.0)
La Plata													300	303	281	292	1,176	1,176.0	1,260.0	(84.0)
Maurice J. McDonough													273	266	222	246	1,007	1,007.0	954.0	53.0
North Point													451	463	461	439	1,814	1,814.0	1,864.0	(50.0)
St. Charles													364	383	342	313	1,402	1,402.0	1,512.0	(110.0)
Thomas Stone													288	268	297	266	1,119	1,119.0	1,228.0	(109.0)
Westlake													317	287	273	269	1,146	1,146.0	1,240.0	(94.0)
Stethem Educ. Center									0	3	9	12	4	13	22	20	59	71.0	81.0	(10.0)
TOTALS	699.0	1,591.0	1,735	1,851	1,985	1,876	1,980	11,717.0	2,024	2,135	2,245	6,404	2,296	2,246	2,116	2,096	8,754	26,875.0	28,155.0	(1,280.0)
9/30/2020 PROJECTED	695.0	1,786.0	1,826	1,947	2,097	1,967	2,057	12,375.0	2,093	2,233	2,284	6,610	2,560	2,340	2,110	2,160	9,170	28,155.0		
OVER/(UNDER)	4.0	(195.0)	(91)	(96)	(112)	(91)	(77)	(658.0)	(69)	(98)	(39)	(206)	(264)	(94)	6	(64)	(416)	(1,280.0)		

TOTAL HEAD COUNT WITH PRE-K	26,875.0
9/30/2020 PROJECTED HEAD COUNT	28,155.0
OVER/(UNDER)	(1,280.0)
TOTAL W/O PRE-K	26,176.0

* All Day Pre-K

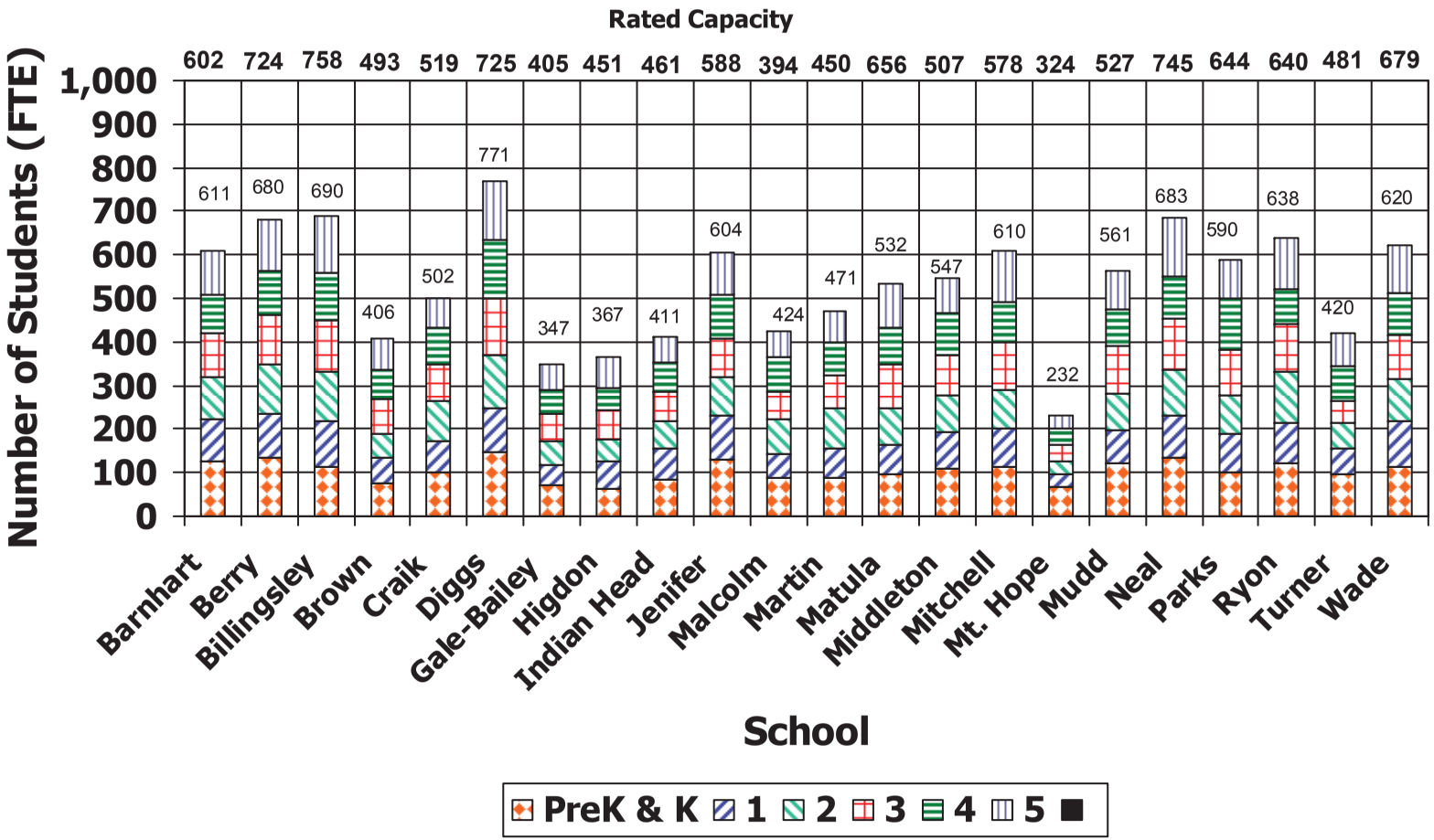
\# Includes Pre-K Equivalent

G:\Planning_&_Construction\CIP\FY 2022\Spreadsheets\[September 2020 Enrollment.xls]3rd Week

9/21/2020

Elementary School Enrollment

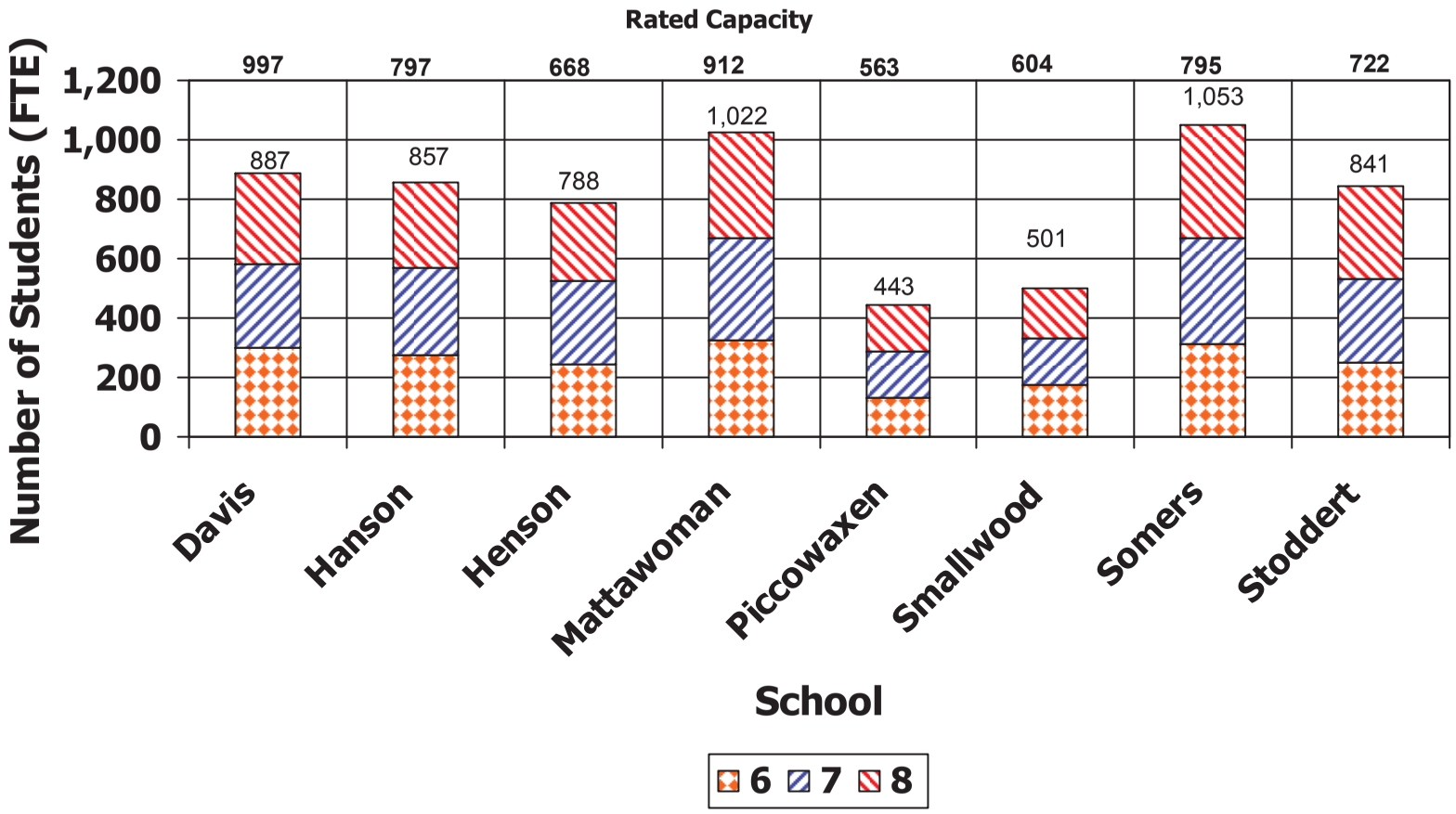
Telephone Count September 17, 2020



* September 17, 2020 Telephone Count

Middle School Enrollment

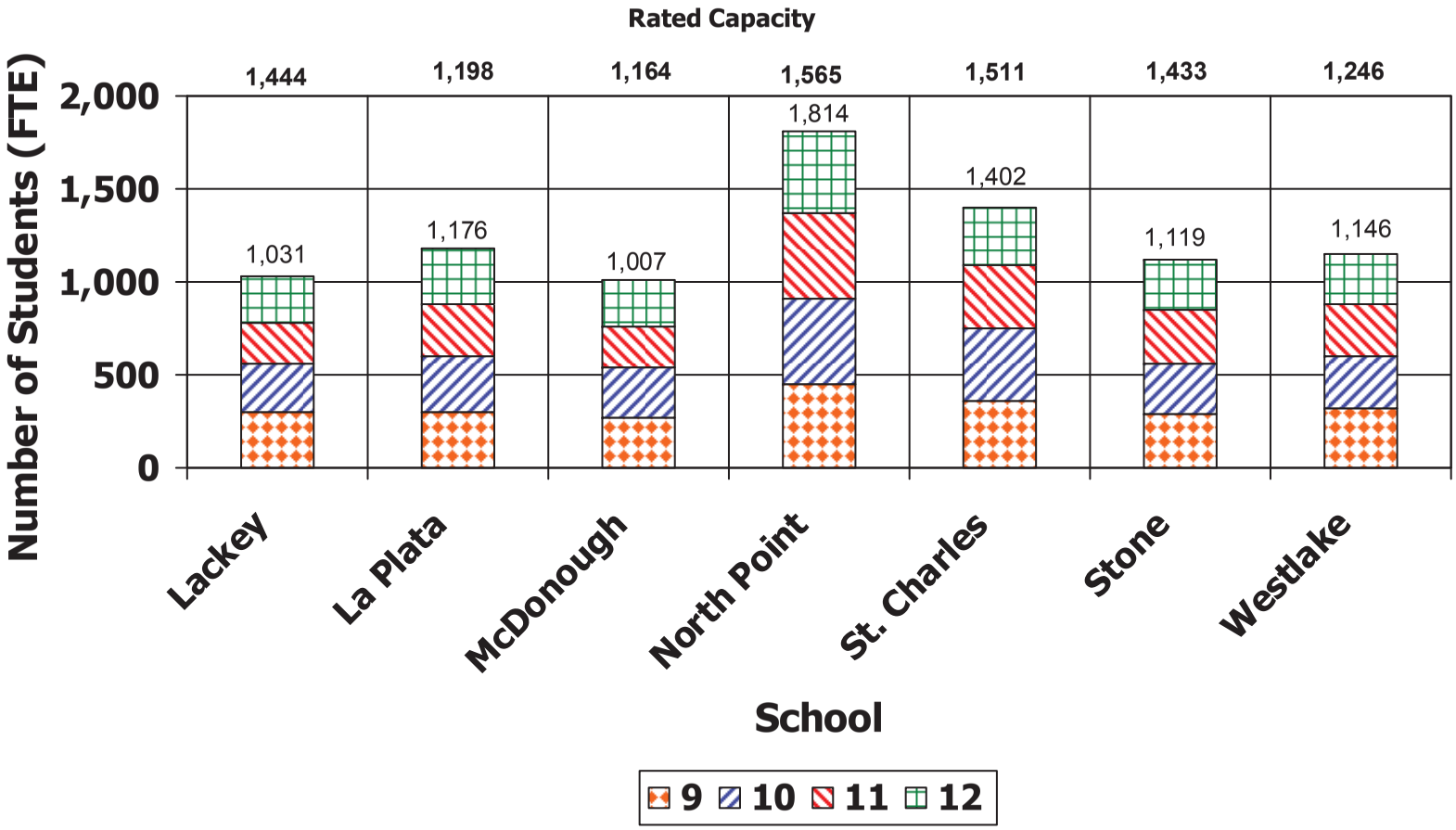
Telephone Count September 20, 2019



* September 17, 2020 Telephone Count

High School Enrollment

Telephone Count September 20, 2019



* September 17, 2020 Telephone Count

CHARLES COUNTY PUBLIC SCHOOLS

CAPACITY & ENROLLMENT COMPARISON SY 2020-2021

TELEPHONE COUNT 09/17/2020 (9/18/20 - Fair Day - No School)

FACILITY	STATE RATED CAPACITY	ENROLLMENT*	EXCESS/ (SHORTAGE)
ELEMENTARY			
C. Paul Barnhart	602	611.0	(9)
Berry	724	680.0	44
Billingsley	758	690.0	68
Dr. Gustavus Brown	493	406.0	87
Dr. James Craik	519	502.0	17
William A. Diggs	725	771.0	(46)
Gale-Bailey	405	347.0	58
Dr. Higdon	451	367.0	84
Indian Head	461	411.0	50
Jenifer	588	604.0	(16)
Malcolm	394	424.0	(30)
T. C. Martin	450	471.0	(21)
Mary H. Matula	656	532.0	124
Arthur Middleton	507	547.0	(40)
Walter J. Mitchell	578	610.0	(32)
Mt. Hope/Nanjemoy	324	232.0	92
Dr. Samuel A. Mudd	527	561.0	(34)
Mary Burges Neal	745	683.0	62
J. C. Parks	644	590.0	54
J. P. Ryon	640	638.0	2
Eva Turner	481	420.0	61
William B. Wade	679	620.0	59
TOTAL ELEMENTARY	12351	11,717.0	634.0
MIDDLE			
Theodore G. Davis	997	887	110
John Hanson	797	857	(60)
Matthew Henson	668	788	(120)
Mattawoman	912	1,022	(110)
Piccowaxen	563	443	120
General Smallwood	604	501	103
Milton M. Somers	795	1053	(258)
Benjamin Stoddert	722	841	(119)
TOTAL MIDDLE	6058	6,392	(334)
HIGH			
Henry E. Lackey	1444	1,031	413
La Plata	1198	1,176	22
Maurice J. McDonough	1164	1,007	157
North Point	1565	1,814	(249)
St. Charles	1511	1,402	109
Thomas Stone	1433	1,119	314
Westlake	1246	1,146	100
TOTAL HIGH	9561	8,695	866
TOTALS	27970	26,804.0	1,166.0
CENTERS			
Robert D. Stethem Educational Center		71.0	
TOTAL ENROLLMENT		26,875.0	

* Equivalent count (including Pre-K)

** SRC's revised June 2020 approved by MDP

Head Count without Pre-K= 26,176

Head Count with Pre-K= 26,875

CHARLES COUNTY PUBLIC SCHOOLS

CAPACITY & ENROLLMENT COMPARISON SY 2020-2021

TELEPHONE COUNT 09/17/2020 (9/18/20 - Fair Day - No School)

FACILITY	STATE -RATED CAPACITY	ENROLLMENT*	UTILIZATION FACTOR
ELEMENTARY			
C. Paul Barnhart	602	611.0	101.5%
Berry	724	680.0	93.9%
Billingsley	758	690.0	91.0%
Dr. Gustavus Brown	493	406.0	82.4%
Dr. James Craik	519	502.0	96.7%
William A. Diggs	725	771.0	106.3%
Gale-Bailey	405	347.0	85.7%
Dr. Higdon	451	367.0	81.4%
Indian Head	461	411.0	89.2%
Jenifer	588	604.0	102.7%
Malcolm	394	424.0	107.6%
T. C. Martin	450	471.0	104.7%
Mary H. Matula	656	532.0	81.1%
Arthur Middleton	507	547.0	107.9%
Walter J. Mitchell	578	610.0	105.5%
Mt. Hope/Nanjemoy	324	232.0	71.6%
Dr. Samuel A. Mudd	527	561.0	106.5%
Mary Burges Neal	745	683.0	91.7%
J. C. Parks	644	590.0	91.6%
J. P. Ryon	640	638.0	99.7%
Eva Turner	481	420.0	87.3%
William B. Wade	679	620.0	91.3%
TOTAL ELEMENTARY	12351	11,717.0	94.9%
MIDDLE			
Theodore G. Davis	997	887	89.0%
John Hanson	797	857	107.5%
Matthew Henson	668	788	118.0%
Mattawoman	912	1,022	112.1%
Piccowaxen	563	443	78.7%
General Smallwood	604	501	82.9%
Milton M. Somers	795	1053	132.5%
Benjamin Stoddert	722	841	116.5%
TOTAL MIDDLE	6058	6,392	105.5%
HIGH			
Henry E. Lackey	1444	1,031	71.4%
La Plata	1198	1,176	98.2%
Maurice J. McDonough	1164	1,007	86.5%
North Point	1565	1,814	115.9%
St. Charles	1511	1,402	92.8%
Thomas Stone	1433	1,119	78.1%
Westlake	1246	1,146	92.0%
TOTAL HIGH	9561	8,695	90.9%
TOTALS	27970	26,804.0	
CENTERS			
Robert D. Stethem Educational Center		71.0	
TOTAL ENROLLMENT		26,875.0	

* Equivalent count (including Pre-K)

** SRC's revised June 2020 approved by MDP

Head Count without Pre-K= 26,176

Head Count with Pre-K= 26,875

9/21/2020

Special Populations

Charles County Public Schools serves the needs of several special populations of students. The number of students in each of these groups is tabulated in the following chart.

Charles County Public Schools

Special Populations

	Ethnic Group										
	Asian	African-American	Indian	Hispanic	Native Hawaiian	White	Multracial	FARM	Special Education	Title I School	ESOL
ELEMENTARY											
C. Paul Barnhart	36	394	1	49	0	12	49	302	49	Y	25
Berry	64	401	1	86	4	59	67	257	44	N	33
Billingsley	31	458	1	64	1	62	58	233	61	N	23
Dr. Gustavus Brown	3	264	1	76	0	31	32	272	44	Y	22
Dr. James Craik	9	218	2	15	5	213	50	151	44	N	9
William A. Diggs	42	275	0	60	4	84	59	193	87	N	9
Gale-Bailey	3	124	0	29	5	156	37	143	40	N	5
Dr. Thomas L. Higdon	6	58	0	12	1	258	27	128	43	N	3
Indian Head	10	243	4	36	5	82	44	268	52	Y	8
Daniel of St. Thomas Jenifer	17	410	2	96	0	27	42	337	65	N	35
Malcolm	10	162	1	54	3	128	59	155	40	N	9
T. C. Martin	5	122	3	36	1	247	53	134	49	N	6
Mary B. Neal	35	512	1	62	0	26	53	224	71	N	3
Mary H. Matula	27	190	1	42	1	227	41	152	72	N	5
Arthur Middleton	18	299	8	124	2	51	56	266	60	Y	53
Walter J. Mitchell	13	103	3	55	1	375	60	162	55	N	12
Mt. Hope/Nanjemoy	10	56	1	6	0	144	22	123	28	Y	1
Dr. Samuel A. Mudd	8	425	3	90	0	33	29	418	54	Y	28
J. C. Parks	20	366	4	92	2	52	59	260	50	N	31
J. P. Ryon	8	358	2	121	1	50	52	409	64	Y	55
Eva Turner	5	316	1	57	4	29	17	276	48	Y	11
William B. Wade	38	385	2	60	2	70	71	267	64	N	24
MIDDLE											
Theodore G. Davis	30	625	4	98	3	70	79	352	97	N	16
John Hanson	20	486	2	126	6	134	72	458	89	N	41
Matthew Henson	16	488	1	79	4	73	65	301	83	N	21
Mattawoman	80	738	4	139	1	37	56	459	111	N	34
Piccowaxen	5	30	4	27	2	323	27	96	44	N	1
General Smallwood	7	241	5	32	1	167	49	292	78	N	4
Milton M. Somers	38	356	1	101	2	385	83	309	101	N	14
Benjamin Stoddert	25	588	2	110	3	52	66	455	91	N	34
HIGH											
Henry E. Lackey	22	576	7	72	2	243	67	498	134	N	2
La Plata	38	248	4	73	2	643	86	266	98	N	2
Maurice J. McDonough	26	460	1	116	2	312	64	301	96	N	72
North Point	110	1,210	3	151	6	314	139	432	107	N	2
St. Charles	30	1,021	16	103	4	234	106	615	180	N	1
Thomas Stone	19	706	4	184	1	137	59	619	132	N	67
Westlake	46	891	2	91	4	68	55	436	127	N	26
F.B. Gwynn Center	2	0	0	0	0	0	0	17	35	N	0
Robert Stethem Educational Ctr.	2	60	1	3	1	21	5	88	1	N	4

RESIDENTIAL DEVELOPMENT

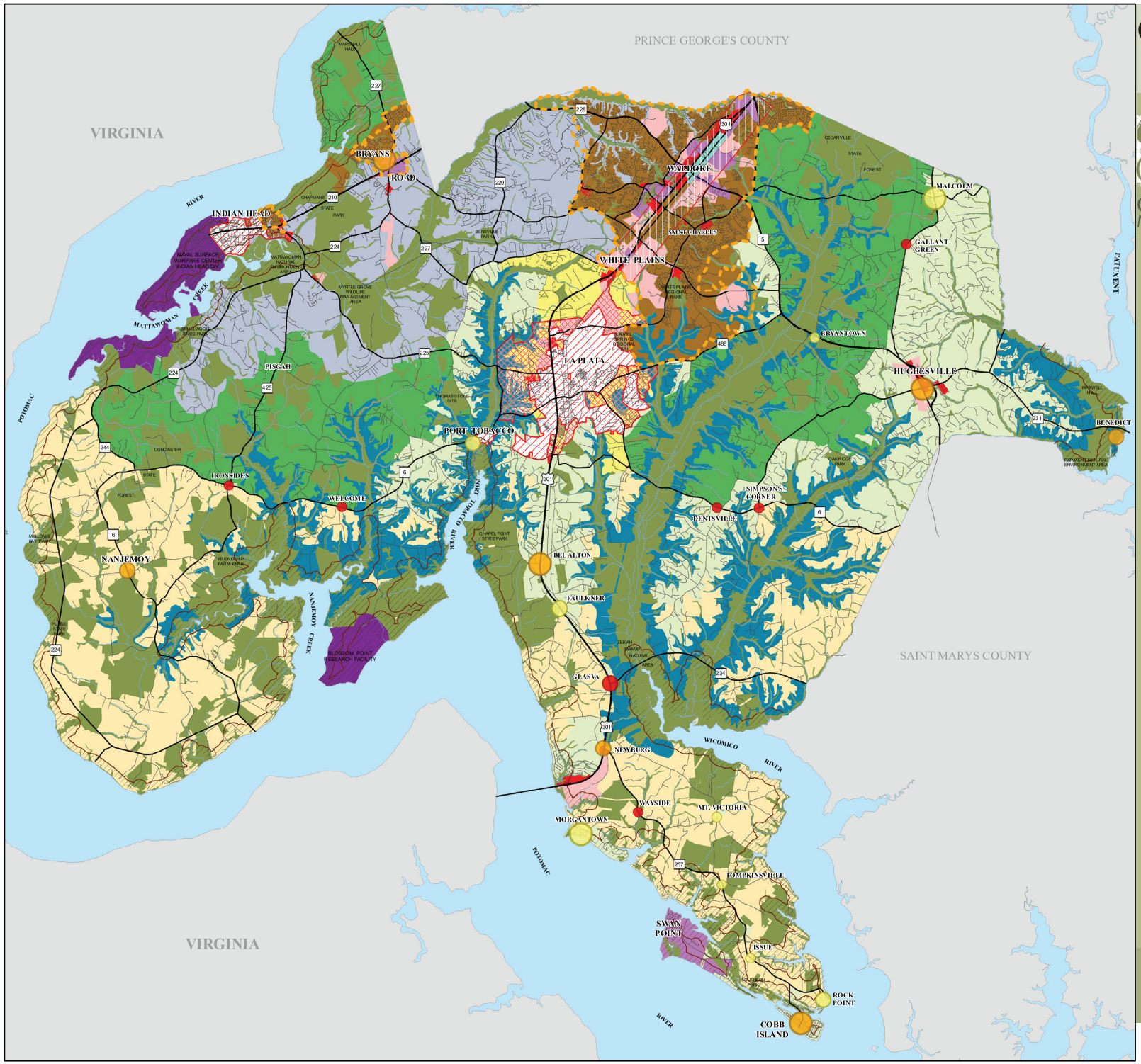
Residential development has a direct impact on the need for increased school capacity at all levels. The Charles County Comprehensive Plan establishes the objective of concentrating 75% of the county's future growth into the area of the county designated as the Development District. The map "***Development District, Charles County, Maryland***" shows the location that comprises large portions of the 6th and 7th election districts.

The chart entitled "***Building and Occupancy Permit History***" shows the number of residential permits issued by election district for each of the last several years. The largest numbers of permits were issued in districts six and seven, consistent with the objectives of the county's Comprehensive Plan. The following graph shows the total number of permits issued over the same period graphically.

COMPREHENSIVE PLAN

Quality Places Natural Spaces

CHARLES COUNTY MARYLAND



LEGEND

- Development District
- Residential
- Watershed Conservation District
- Employment & Industrial Park Districts
- Commercial & Business Districts
- Mixed Use Districts
- Redevelopment District
- Suburban Large Lot District
- Rural Residential
- Agriculture Conservation District
- Rural Conservation District
- Incorporated Towns
- Incorporated Town Growth Areas
- Transit Corridor
- Protected Lands
- Major Stream Valleys
- Military or Federally Owned Lands
- Chesapeake Bay Critical Area

Villages

- Residential
- Commercial
- Mixed Residential & Commercial

> 150 Acres
50 - 100 Acres
< 50 Acres

LAND USE PLAN

JULY 12, 2016

CHARLES COUNTY
DEPARTMENT OF PLANNING
AND GROWTH MANAGEMENT

0 1 2 Miles

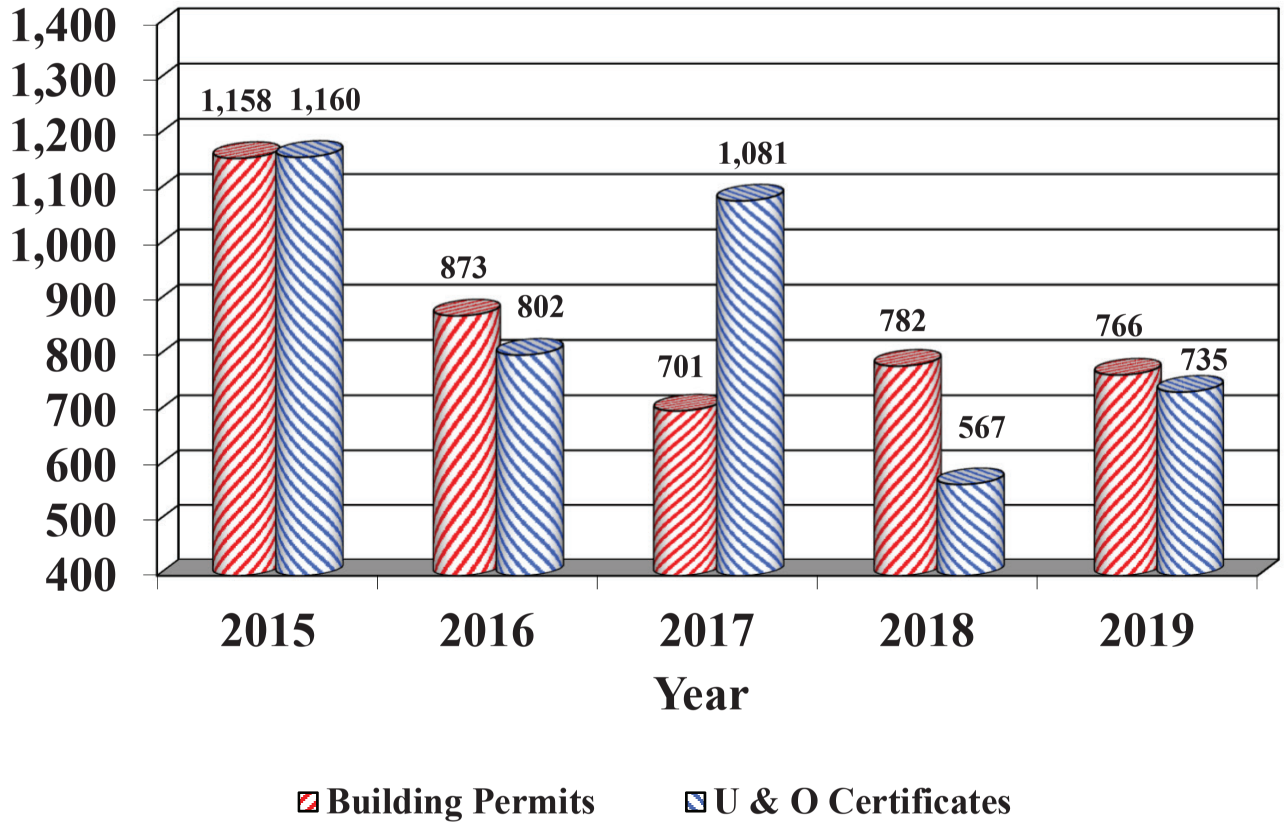
Building & Occupancy Permits History

Election District	2015		2016		2017		2018		2019	
	Building Permits Issued	U&O Cert. Issued*	Building Permits Issued	U&O Cert. Issued*	Building Permits Issued	U&O Cert. Issued*	Building Permits Issued	U&O Cert. Issued*	Building Permits Issued	U&O Cert. Issued*
1	64	13	67	12	67	23	135	24	102	18
2	0	1	2	1	0	1	1	0	0	0
3	5	7	3	3	8	4	11	3	12	6
4	18	13	13	21	24	14	14	13	13	8
5	9	12	6	3	12	5	11	6	7	9
6	709	747	438	437	226	707	291	216	330	398
7	55	82	94	53	56	74	37	43	50	41
8	272	259	232	242	280	241	260	238	230	243
9	22	25	13	25	28	12	18	23	18	10
10	4	1	5	5	0	0	4	1	4	2
TOTALS	1158	1160	873	802	701	1081	782	567	766	735

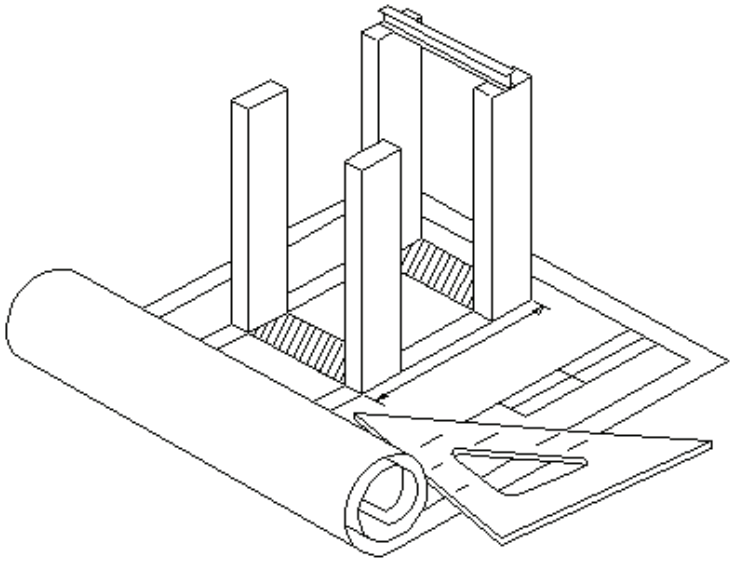
*Does not include permits issued by incorporated towns of La Plata and Indian Head.

G:\Planning_&_Construction\CIP\FY2022\Spreadsheets\2018-2019 BUILDING & OCCUPANCY PERMIT HISTORY.XLSX 9/10/2020

Charles County, Maryland
Building & Occupancy Permit History



Construction Program



CONSTRUCTION PROGRAM

The following pages represent the FY2022 and Five-Year Capital Improvements Program request from the Board of Education of Charles County. This request is based upon our approved Educational Facilities Master Plan and asks for the State share of funds to implement this program. The projects contained in this package will contribute to providing adequate educational space for the growth in student population, as well as providing equitable educational opportunities for all students throughout Charles County.

BOARD OF EDUCATION OF CHARLES COUNTY

LA PLATA, MARYLAND 20646

CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEAR 2022 REQUEST

PRIORITY	PROJECT	STATE AMOUNT IN FY2022
1	Benjamin Stoddert MS - Modernization/Addition - Construction	$ 8,115,000
2	Dr. Gustavus Brown ES - Open Space Enclosure - Construction	$ 3,660,000
3	Eva Turner ES - Modernization/Addition - Construction	$ 8,430,337
4	John Hanson MS - Roof Replacement Systemic - Construction	$ 1,794,000
5	Maurice J. McDonough HS - Security Enhancements & Preforming Arts - Construction	$ 4,550,000
6	Westlake HS - Roof Replacement Systemic - Construction	$ 1,981,000
7	Indian Head ES - Boiler Replacement Systemic - Construction	$ 712,000
8	J.P. Ryon ES - Full Day Kindergarten Addition/Renovation - Construction	$ 2,340,000
9	Malcolm ES - Full Day Kindergarten Addition/Renovation - Construction	$ 2,595,000
10	T.C. Martin ES - Modernization/Addition - Construction	$ 6,788,000
11	New Elementary School #23 - Construction	$ 11,500,000
12	General Smallwood MS - Roof/HVAC Systemic - Construction	$ 2,363,000
13	La Plata HS - Renovation - Security Enhancements & Circulation Upgrades	Planning
14	J.C. Parks ES - Full Day Kindergarten Addition/Renovation	Planning
15	Walter J. Mitchell ES - Full Day Kindergarten Addition/Renovation	Planning
	Total State Requests	$ 54,828,337

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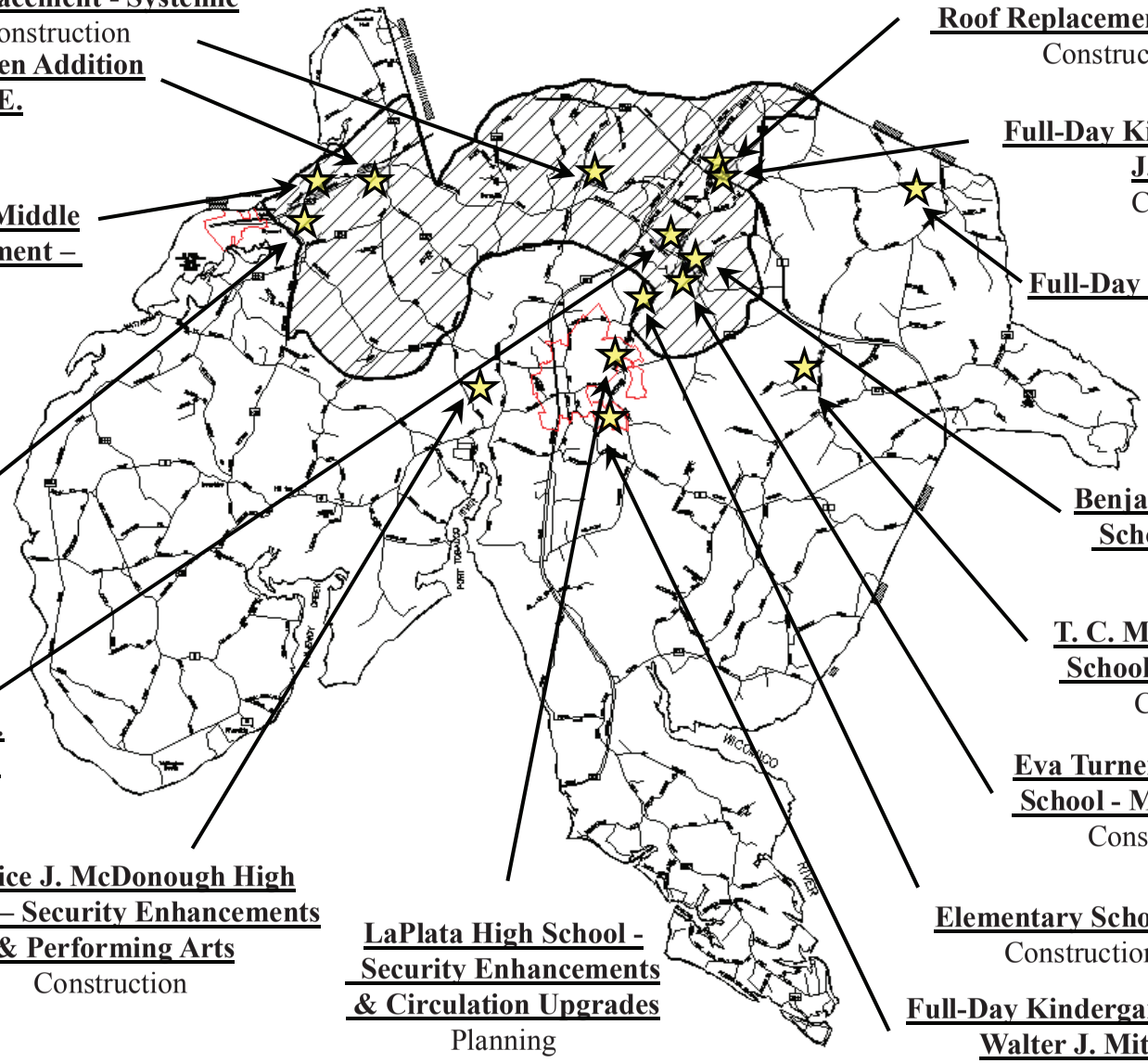
Project Location Map

FY2022 Project Requests



Westlake High School
Roof Replacement - Systemic
Construction

Full-Day Kindergarten Addition
J.C. Parks E.
Planning

General Smallwood Middle
Roof/HVAC Replacement – Systemic
Construction

Indian Head Elementary School
Boiler Replacement – Systemic
Construction

Dr. Gustavus Brown E.
Open Space Enclosure
Construction

Maurice J. McDonough High School – Security Enhancements & Performing Arts
Construction

LaPlata High School - Security Enhancements & Circulation Upgrades
Planning

John Hanson Middle School
Roof Replacement - Systemic
Construction

Full-Day Kindergarten Addition
J.P. Ryon E.
Construction

Full-Day Kindergarten Addition
Malcolm E.
Construction

Benjamin Stoddert Middle School - Modernization
Construction

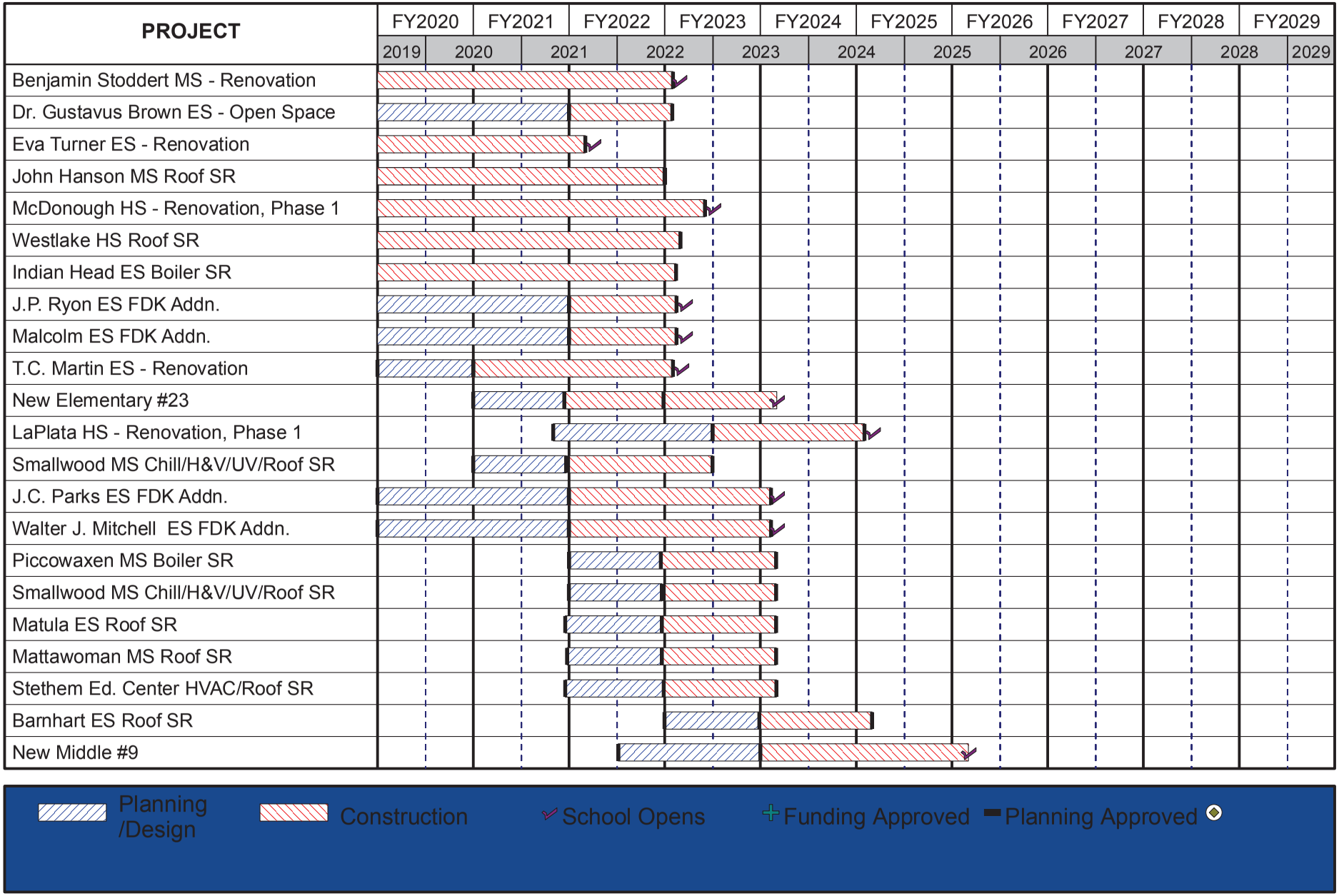
T. C. Martin Elementary School - Modernization
Construction

Eva Turner Elementary School - Modernization
Construction

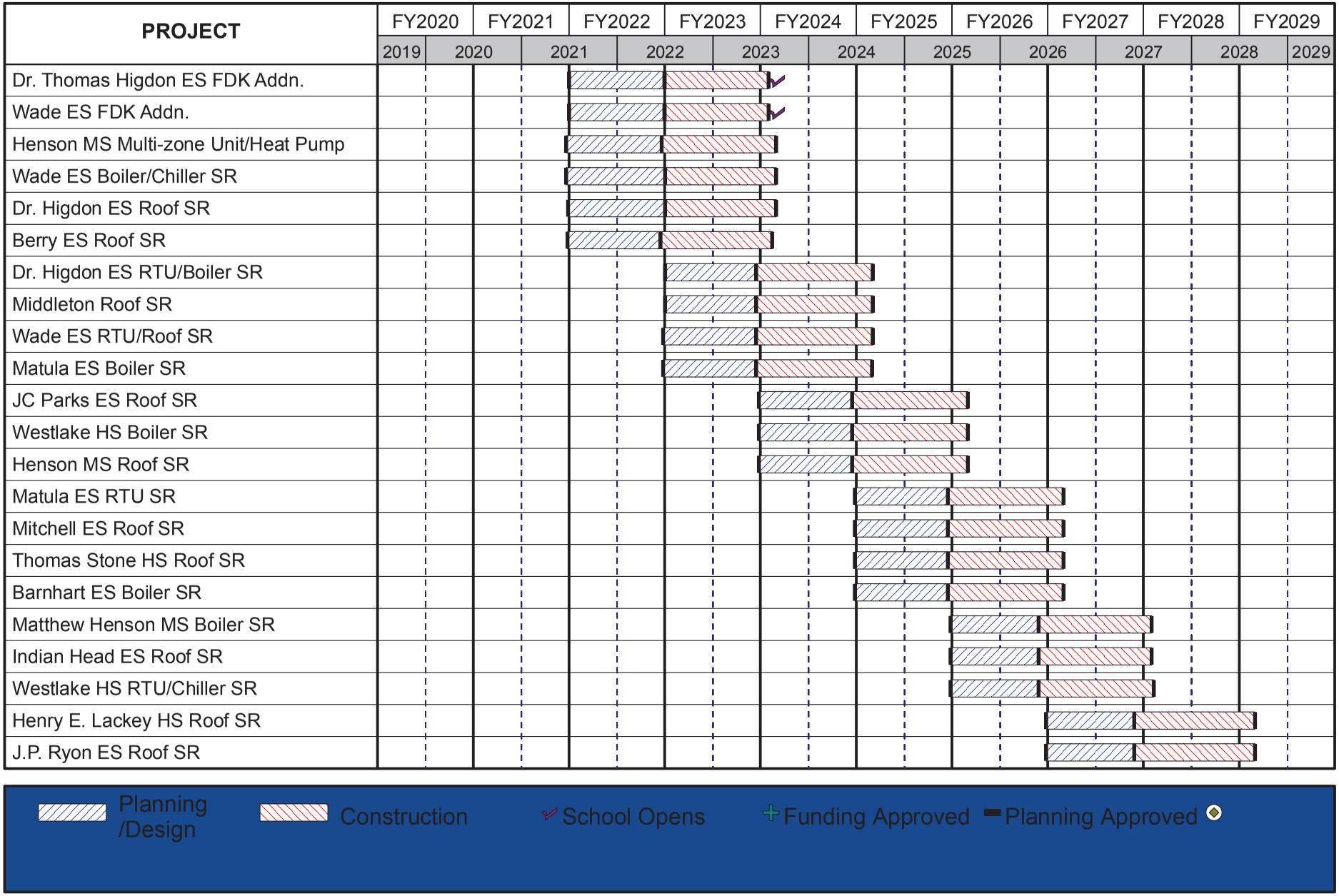
Elementary School #23
Construction

Full-Day Kindergarten Addition
Walter J. Mitchell E.
Planning

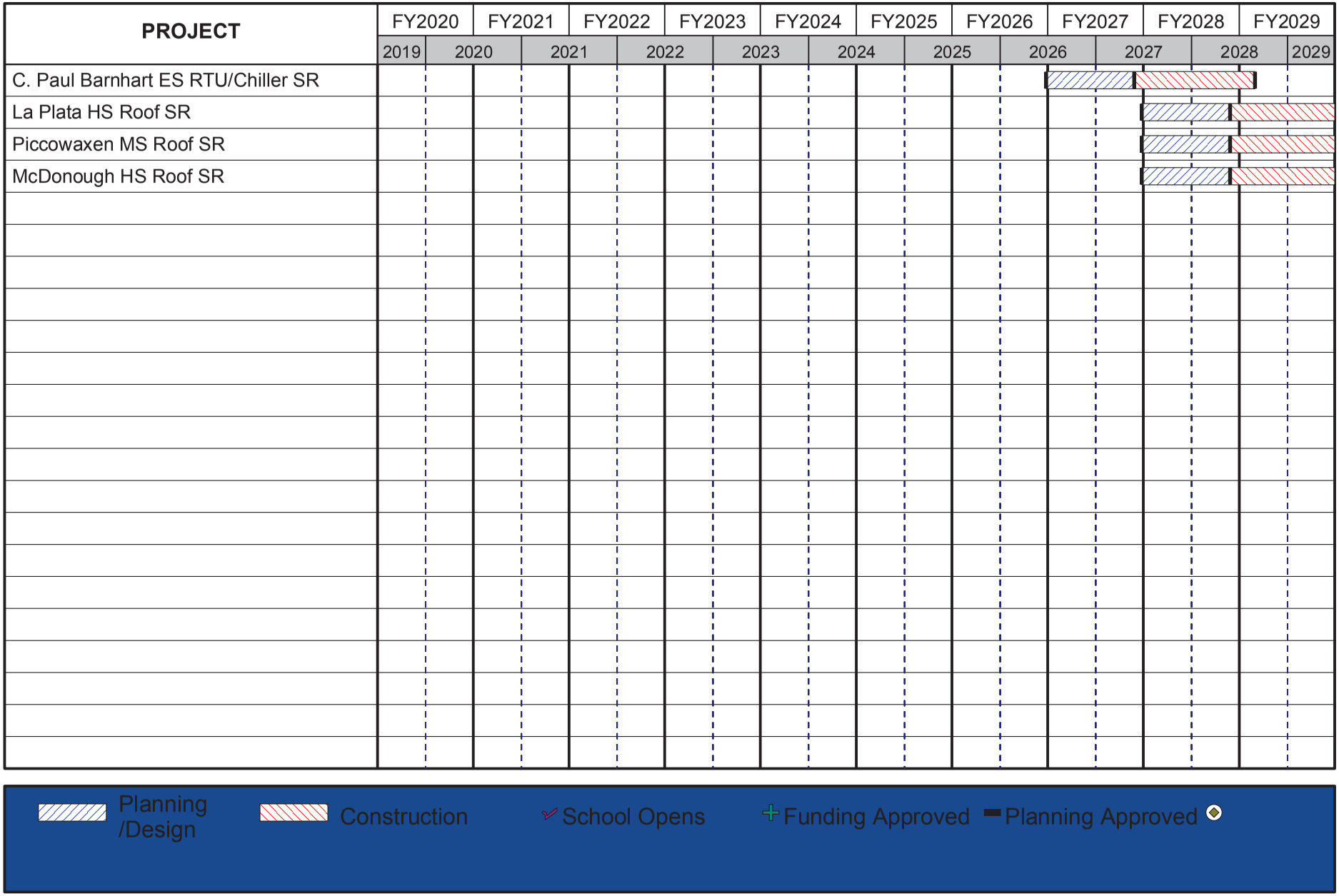
Project Schedule
Charles County Public Schools
FY2022 Capital Improvements Program



Project Schedule
Charles County Public Schools
FY2022 Capital Improvements Program

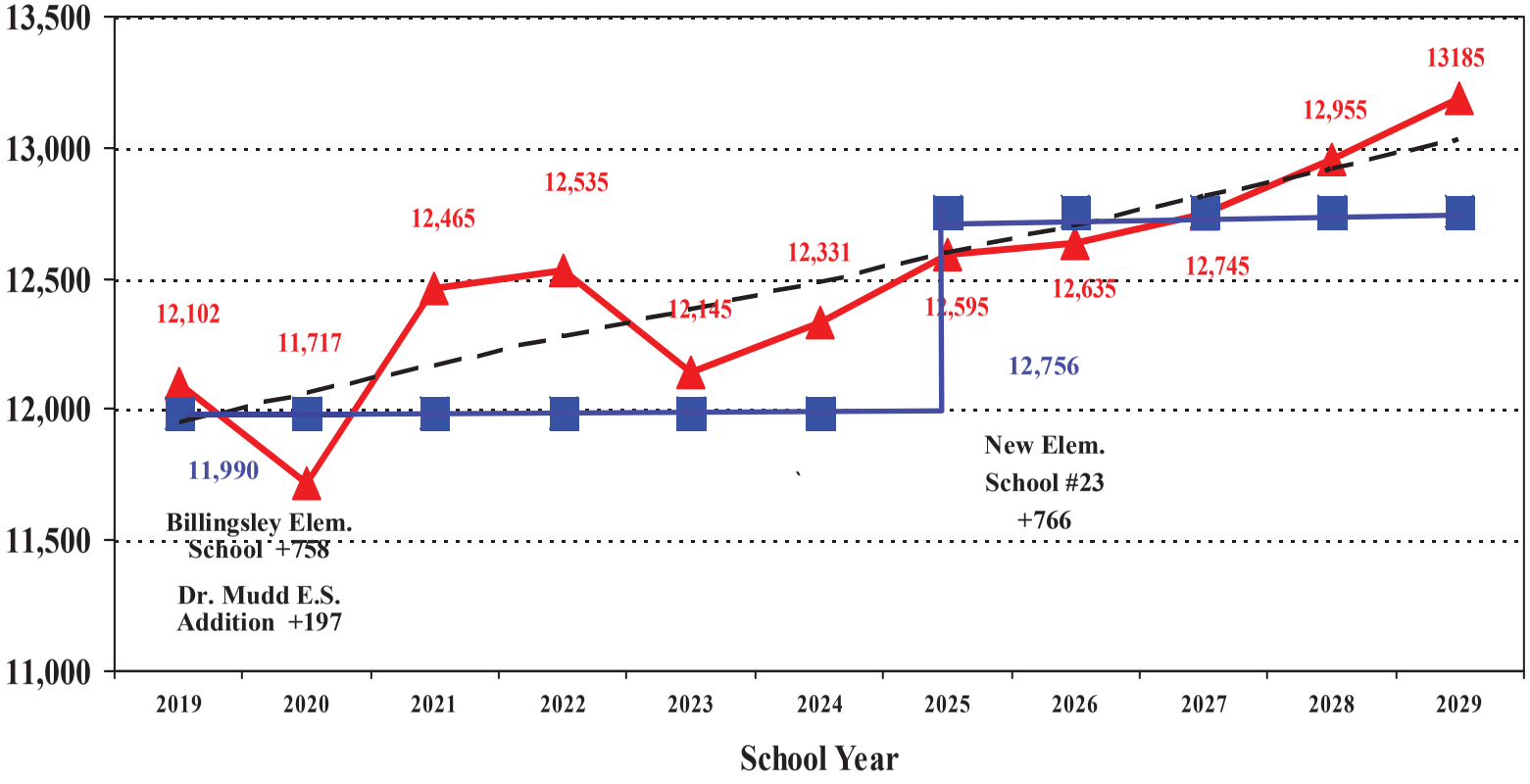


Project Schedule
Charles County Public Schools
FY2022 Capital Improvements Program



Elementary Schools*

Projected Enrollment & Capacity



* County Wide

** Sept. 17, 2020 Telephone Count

Full Time Equivalent (FTE)

2020 Enrollment

Capacity

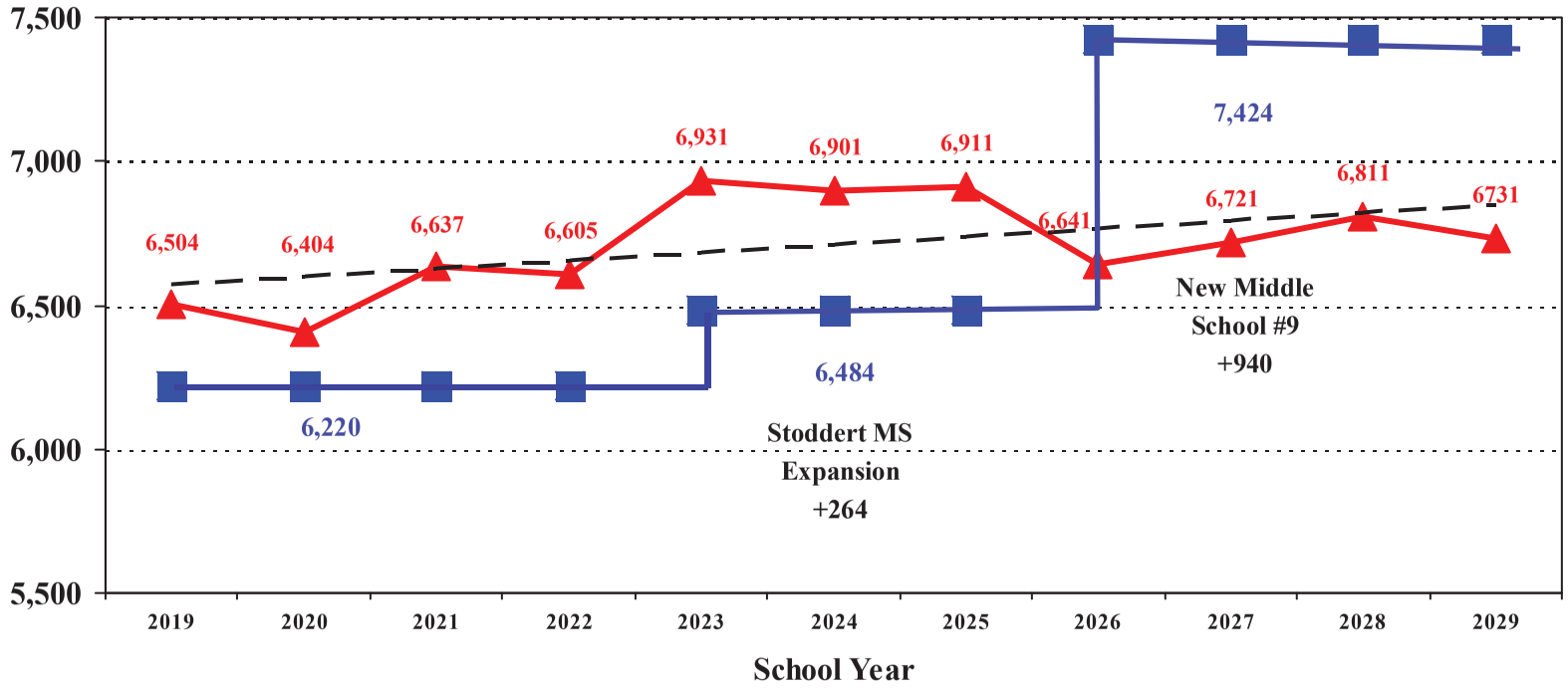
Trend (2012 Enrollment)

+ Identified Future Need

9/21/2020

Middle Schools*

Projected Enrollment & Capacity



* County Wide

** Sept. 17, 2020 Telephone Count

Full Time Equivalent (FTE)

2020 Enrollment

Capacity

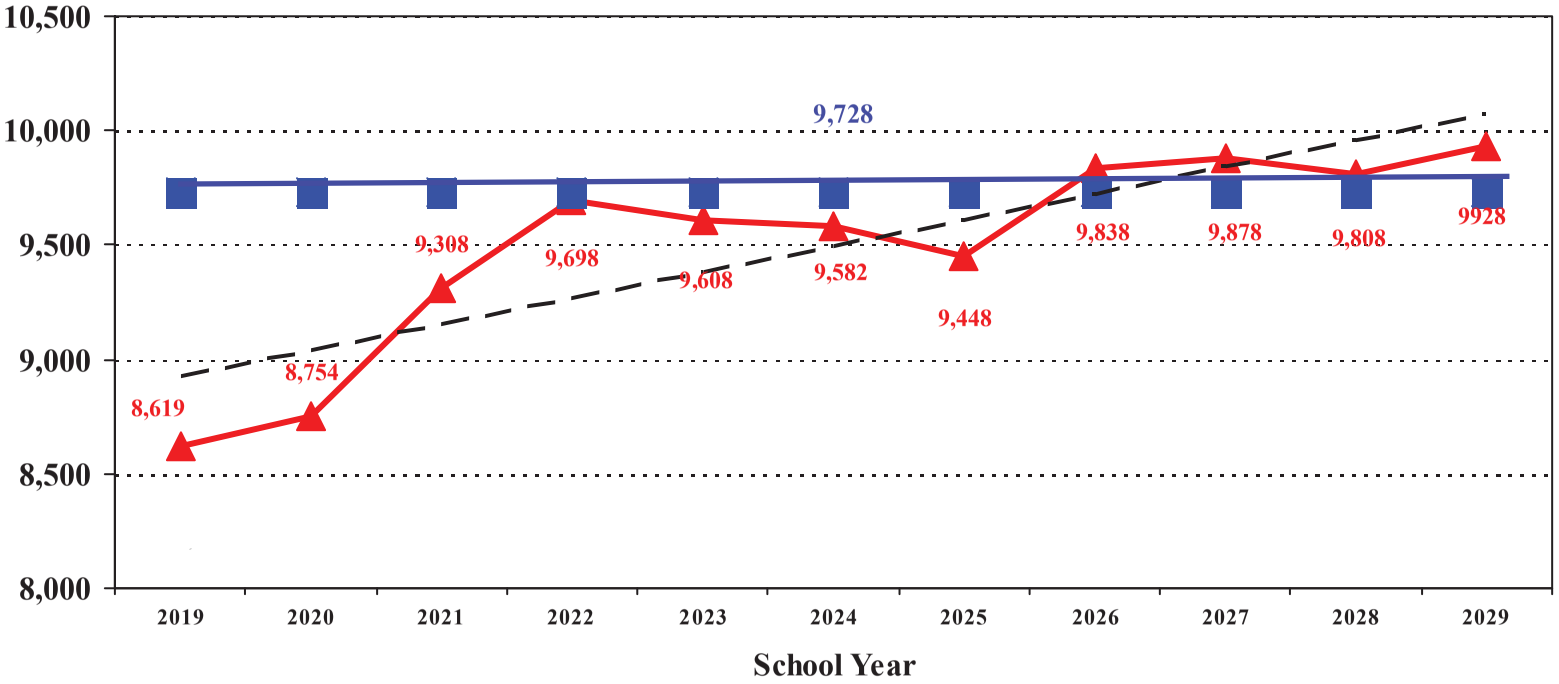
Trend (2012 Enrollment)

\+ Identified Future Need

9/21/2020

High Schools*

Projected Enrollment & Capacity



2020 Enrollment Capacity Trend (2012 Enrollment)

* County-Wide

** Sept. 17, 2020 Telephone Count

Full Time Equivalent (FTE)

+ Identified Future Need

9/21/2020

STATUS OF PREVIOUSLY APPROVED PROJECTS

LEA: Charles County Public Schools FISCAL YEAR: 2022

DATE: 9/21/20

PROJECT TITLE and PSC NO.[1] (Chronological Order by Fiscal Year)	MONTH AND YEAR (00/00) OF STATE APPROVAL					Percent Construction Completed or Date Occupied
	IAC	SD	DD	CD	CONTRACT AWARD	
St. Charles High School Phase I & II PSC 08.046.07/11/12/13 LPC	5/2009	3/2008	12/2009	11/2010	8/2011	100%
EEI Lighting Upgrades						
PSC 08.022.13 EEI SR	------	------	------	------	9/2015	99%
PSC 08.029.13 EEI SR	------	------	------	------	9/2015	99%
PSC 08.030.13 EEI SR	------	------	------	------	9/2015	99%
PSC 08.035.13 EEI SR	------	------	------	------	9/2015	99%
PSC 08.036.13 EEI SR	------	------	------	------	9/2015	99%
PSC 08.038.13 EEI SR	------	------	------	------	9/2015	99%
PSC 08.039.13 EEI SR	------	------	------	------	9/2015	99%
Daniel ST Jenifer E. FDK Addition/Renov PSC 08.025.16 LP/C	5/2015	6/2015	------	10/2015	1/2016	99%
Benjamin Stoddert MS RTU/Boiler Replacement PSC 08.002.16 SR	------	------	------	5/2016	7/2016	99%
Dr. Samuel A. Mudd E. Modernization/Addition PSC 08.037.16/17/18 LP/C	5/2015	1/2016	5/2016	9/2016	1/2017	99%
Berry E. FDK Addition/Renovation PSC 08.036.17 LP	5/1/16	11/18/16	2/2017	5/2017	9/2017	99%
Dr. James Craik E. FDK Addition/Renovation PSC 08.001.17 LP	5/1/16	11/18/16	2/2017	5/2017	9/2017	99%
Arthur Middleton ES Cafeteria Flooring PSC 08.011.16 ASP	------	------	------	------		VOID
Eva Turner ES Renovation PSCP 08.019.18 LP	5/2017	4/2018	8/2018	1/2019	7/2019	60%
Benjamin Stoddert MS Renovation/Addition PSCP 08.002.18 LP	5/2017	2/2018	6/2018	12/2018	10/2019	18%

[1] ALL PROJECTS INCLUDING SYSTEMIC RENOVATION, AGING SCHOOL, AND QZAB.

IAC/PSCP FORM 102.5

STATUS OF PREVIOUSLY APPROVED PROJECTS

LEA: Charles County Public Schools FISCAL YEAR: 2022

DATE: 9/21/20

PROJECT TITLE and PSC NO.[1] (Chronological Order by Fiscal Year)	MONTH AND YEAR (00/00) OF STATE APPROVAL					Percent Construction Completed or Date Occupied
	IAC	SD	DD	CD	CONTRACT AWARD	
Daniel S.T. Jenifer ES EEI Lighting Upgrades PSC 08.025.13 EEI SR	------	------	------	------		
Dr. Samuel A. Mudd ES EEI Lighting Upgrades PSC 08.037.13 EEI SR	------	------	------	------		
Eva Turner ES EEI Lighting Upgrades PSC 08.019.13 EEI SR	------	------	------	------		
F.B. Gwynn Ed. Center EEI Lighting Upgrades PSC 08.012.13 EEI SR	------	------	------	------		
T.C. Martin ES EEI Lighting Upgrades PSC 08.040.13 EEI SR	------	------	------	------		
Arthur Middleton ES Kitchen Kitchen Alternations PSC 08.011.17 QZ-989	------	------	------	------	4/2018	99%
Arthur Middleton ES Flooring PSC 08.011.18 QZ-1021	------	------	------	------	7/2017	100%
Arthur Middleton ES Renovation - Open Space Conversion PSC 08.011.18 QZ-1022	------	------	------	------	5/2018	99%
Arthur Middleton ES Kitchen- Walk-In Cooler & PSC 08.011.18 ASP	------	------	------	------	------	99%
McDonough HS - Security Enhancement & Preforming 08.009.19 LP	5/1/18	8/9/2019	11/2019	11/2019	8/2021	
J.P. Ryon E. FDK Addition/Renovation PSC 08.038.19 LP	5/1/18	9/19/2019	11/2019	5/2020	8/2021	

IAC/PSCP FORM 102.5

STATUS OF PREVIOUSLY APPROVED PROJECTS

LEA: Charles County Public Schools FISCAL YEAR: 2022

DATE: 9/21/20

PROJECT TITLE and PSC NO.[1] (Chronological Order by Fiscal Year)	MONTH AND YEAR (00/00) OF STATE APPROVAL					Percent Construction Completed or Date Occupied
	IAC	SD	DD	CD	CONTRACT AWARD	
Malcolm E. FDK Addition/Renovation PSC 08.024.19 LP	5/1/18	9/6/2019	11/2019	5/2020	8/2021	
T.C. Martin ES Renovation/Addition 08.040.20 LP	5/1/19	1/2021	5/2021	8/2021	8/2022	
Piccowaxen MS Power Conversion Factor 08.015.20 ASP	------	------	------	------	9/2019	100%
Security Grant Round 1 Handheld Emergency Radios at Various Locations	------	------	------	------	7/2019	99%
Security Grant Round 1 3M Security Window Film at Various Locations	------	------	------	------	79/2019	99%
Security Grant Rd 1 - Westlake HS Door & Door Hardware 08.031.19	------	------	------	------	7/2019	99%
Security Grant Rd 1 -Smallwood MS Door & Door Hardware 08.005.19	------	------	------	------	7/2019	99%
Security Grant Rd 1 - Malcolm ES Door & Door Hardware 08.024.19	------	------	------	------	7/2019	99%
Security Grant Round 2 Handheld Emergency Radios at Various Locations	------	------	------	------	10/2019	99%
Security Grant- Rd 2-Gale/Bailey Guided Entry Vestibule 08.029.19 SSR	------	------	------	------		
Elementary School #23 Highlands Neighborhood **08.049.21 LP**	6/21/20	1/2021	5/2021	8/2021	8/2022	

[1] ALL PROJECTS INCLUDING SYSTEMIC RENOVATION, AGING SCHOOL, AND QZAB.

IAC/PSCP FORM 102.5

STATUS OF STATE-OWNED RELOCATABLES

LEA: Charles County Public Schools FISCAL YEAR: 2022 DATE: 9/21/2020

SCHOOL	BUILDING NUMBER	MFR/ NO. CLRM(S)	CURRENT USE	DATE SITED	ACTION REQUESTED [1]	JUSTIFICATION
C. Paul Barnhart E.	275	PF/1	Relieve Overcrowding	08/1998	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding at elementary schools in the northern area of the county.
C. Paul Barnhart E.	280	PF/1	Relieve Overcrowding	08/1998	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding at elementary schools in the northern area of the county.
Berry E.	533-11	GLO/2	Relieve Overcrowding	04/2002	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding at elementary schools in the northern area of the county.
Dr. Gustavus Brown E.	44070	WM/1	Relieve Overcrowding	08/1998	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding at elementary schools in the northern area of the county.
Dr. Gustavus Brown E.	44072	WM/1	Relieve Overcrowding	08/1998	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding at elementary schools in the northern area of the county.

[1] The following actions may be requested: Retain in the same location, Move within school system, Revert to State (indicate date available).
The completed form should be included with the Capital Improvement Program submittal.

IAC/PSCP FORM 102.6

STATUS OF STATE-OWNED RELOCATABLES

LEA: Charles County Public Schools FISCAL YEAR: 2022 DATE: 9/21/2020

SCHOOL	BUILDING NUMBER	MFR/ NO. CLRM(S)	CURRENT USE	DATE SITED	ACTION REQUESTED [1]	JUSTIFICATION
Daniel of St. Thomas Jenifer E.	533-17	GLO/2	Relieve Overcrowding	08/2004	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding at elementary schools in the northern area of the county.
J. C. Parks E.	533-9	GLO/1	Relieve Overcrowding	04/2001	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding at elementary schools in the northern area of the county.
J.P. Ryon E.	533-19	GLO/4	Relieve Overcrowding	07/2016	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding at elementary schools in the northern area of the county.
Matthew Henson M.	533-25	GLO/4	Relieve Overcrowding	04/2002	Retain in the same location	This unit will remain on site due to projected growth and program requirements at the middle school level.

[1] The following actions may be requested: Retain in the same location, Move within school system, Revert to State (indicate date available).
The completed form should be included with the Capital Improvement Program submittal.

IAC/PSCP FORM 102.6

STATUS OF STATE-OWNED RELOCATABLES

LEA: Charles County Public Schools FISCAL YEAR: 2022 DATE: 9/21/2020

SCHOOL	BUILDING NUMBER	MFR/ NO. CLRM(S)	CURRENT USE	DATE SITED	ACTION REQUESTED [1]	JUSTIFICATION
Matthew Henson M.	38399-400	WM/1	Relieve Overcrowding	8/2002	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.
Matthew Henson M.	38405-6	WM/1	Relieve Overcrowding	8/2002	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.
Matthew Henson M.	38407-8	WM/1	Relieve Overcrowding	8/2002	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.
Matthew Henson M.	38413-4	WM/1	Relieve Overcrowding	8/2002	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.
Mattawoman M.	533-20	GLO/4	Relieve Overcrowding	08/1998	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.

[1] The following actions may be requested: Retain in the same location, Move within school system, Revert to State (indicate date available).
The completed form should be included with the Capital Improvement Program submittal.

IAC/PSCP FORM 102.6

STATUS OF STATE-OWNED RELOCATABLES

LEA: Charles County Public Schools FISCAL YEAR: 2022 DATE: 9/21/2020

SCHOOL	BUILDING NUMBER	MFR/ NO. CLRM(S)	CURRENT USE	DATE SITED	ACTION REQUESTED [1]	JUSTIFICATION
Somers M.	533-50	GLO/4	Relieve Overcrowding	06/2001	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.
Somers M.	533-24	GLO/4	Relieve Overcrowding	06/2001	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.
Stoddert M.	533-1	GLO/1	Relieve Overcrowding	10/20003	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.
Stoddert M.	533-7	GLO/1	Relieve Overcrowding	10/2003	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at middle school level.
La Plata H.	533-5	GLO/1	Relieve Overcrowding	04/2001	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.

[1] The following actions may be requested: Retain in the same location, Move within school system, Revert to State (indicate date available).
The completed form should be included with the Capital Improvement Program submittal.

IAC/PSCP FORM 102.6

STATUS OF STATE-OWNED RELOCATABLES

LEA: Charles County Public Schools FISCAL YEAR: 2022 DATE: 9/21/2020

SCHOOL	BUILDING NUMBER	MFR/ NO. CLRM(S)	CURRENT USE	DATE SITED	ACTION REQUESTED [1]	JUSTIFICATION
La Plata H.	74F13	AMS/4	Relieve Overcrowding	08/1979	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.
La Plata H.	74F09	AMS/4	Relieve Overcrowding	02/2002	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.
La Plata H.	37397	CMSI/1	Relieve Overcrowding	10/2003	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.
La Plata H.	49304	CMSI/1	Relieve Overcrowding	10/2003	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.
McDonough H.	74F14	AMS/2	Relieve Overcrowding	12/1999	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.

[1] The following actions may be requested: Retain in the same location, Move within school system, Revert to State (indicate date available).
The completed form should be included with the Capital Improvement Program submittal.

IAC/PSCP FORM 102.6

STATUS OF STATE-OWNED RELOCATABLES

LEA: Charles County Public Schools FISCAL YEAR: 2022 DATE: 9/21/2020

SCHOOL	BUILDING NUMBER	MFR/ NO. CLRM(S)	CURRENT USE	DATE SITED	ACTION REQUESTED [1]	JUSTIFICATION
McDonough H.	74F10	AMS/4	Relieve Overcrowding	06/2001	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.
Westlake H	533-54	GLO/4	Relieve Overcrowding	04/2001	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.
Westlake H	533-55	GLO/4	Relieve Overcrowding	02/2002	Retain in the same location	This unit will be required for an indefinite period of time due to current and projected overcrowding and program requirements at high school level.

[1] The following actions may be requested: Retain in the same location, Move within school system, Revert to State (indicate date available).
The completed form should be included with the Capital Improvement Program submittal.

IAC/PSCP FORM 102.6

State-Owned Relocatable Classroom Justification
Charles County Public Schools

School: **Barnhart Elementary**
Relocatable Building Numbers: 275 280

	SRC	Enrollment (FTE) 9/2019	9/2020*	9/2021	9/2022
	602	648.0	611.0	673.0	675.0
Adjacent Schools					
Jenifer E.	588	643.0	604.0	630.0	637.0
Middleton E.	507	526.0	547.0	565.0	574.0
Ryon E.	640	659.0	638.0	705.0	714.0
Wade E.	679	658.0	620.0	698.0	704.0

School: **Berry Elementary**
Relocatable Building Numbers: 533-11

	SRC	Enrollment (FTE) 9/2019	9/2020*	9/2021	9/2022
	724	689.5	680.0	701.0	708.0
Adjacent Schools					
Dr. Craik E.	519	498.5	502.0	511.0	514.0
Diggs E.	725	756.0	771.0	758.0	758.0
Jenifer E.	588	643.0	604.0	630.0	637.0
Middleton E.	507	526.0	547.0	565.0	574.0
Neal E.	745	670.0	683.0	685.0	695.0
Wade E.	679	658.0	620.0	698.0	704.0

School: **Dr. Brown Elementary**
Relocatable Building Numbers: 44070 44072

	SRC	Enrollment (FTE) 9/2019	9/2020*	9/2021	9/2022
	493	426.0	406.0	427.0	424.0
Adjacent Schools					
Middleton E.	507	526.0	547.0	565.0	574.0
Dr. Mudd E.	527	586.0	561.0	614.0	615.0
Neal E.	745	670.0	683.0	685.0	695.0
Turner E.	481	443.0	420.0	455.0	444.0

School:	Jenifer Elementary				
Relocatable Building Numbers:	533-17				
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	588	643.0	604.0	630.0	637.0
Adjacent Schools					
Barnhart E.	602	648.0	611.0	673.0	675.0
Berry E.	724	689.5	680.0	701.0	708.0
Middleton E.	507	526.0	547.0	565.0	574.0
Ryon E.	640	659.0	638.0	705.0	714.0
Wade E.	679	658.0	620.0	698.0	704.0

School:	Parks Elementary				
Relocatable Building Numbers:	533-9				
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	644	593.0	590.0	628.0	624.0
Adjacent Schools					
Dr. Craik E.	519	498.5	502.0	511.0	514.0
Diggs E.	725	756.0	771.0	758.0	758.0
Gale-Bailey E.	405	375.5	347.0	374.0	373.0
Indian Head E.	461	473.0	411.0	461.0	462.0

School:	Ryon Elementary				
Relocatable Building Numbers:	533-19				
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	640	659.0	638.0	705.0	714.0
Adjacent Schools					
Dr. Brown E.	493	426.0	406.0	427.0	424.0
Malcolm E.	394	417.0	424.0	461.0	463.0
Middleton E.	507	526.0	547.0	565.0	574.0
Dr. Mudd E.	527	586.0	561.0	614.0	615.0
Neal E.	745	670.0	683.0	685.0	695.0
Turner E.	481	443.0	420.0	455.0	444.0

School:	Henson Middle				
Relocatable Building Numbers:	38399-400	38405-6	38407-8	38413-4	533-25
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	668	811	788	810	799
Adjacent Schools					
Davis M.	997	885	887	853	828
Smallwood M.	604	527	501	502	494
Somers M.	795	1,086	1,053	1,085	1,073

School:	Mattawoman Middle				
Relocatable Building Numbers:	533-20				
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	912	1,026	1,022	1,063	1,051
Adjacent Schools					
Davis M.	997	885	887	853	828
Hanson M.	797	893	857	933	928

School:	Somers Middle				
Relocatable Building Numbers:	533-50	533-24			
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	795	1,086	1,053	1,085	1,073
Adjacent Schools					
Davis M.	997	885	887	853	828
Hanson M.	797	893	857	933	928
Henson M.	668	811	788	810	799
Piccowaxen M.	563	450	443	453	445
Smallwood M.	604	527	501	502	494
Stoddert M.	722	814	841	832	803

School:	Stoddert Middle				
Relocatable Building Numbers:	533-1	533-7			
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	722	814	841	832	803
Adjacent Schools					
Hanson M.	797	893	857	933	928
Somers M.	795	1,086	1,053	1,085	1,073

School:	La Plata High				
Relocatable Building Numbers:	533-5	74F09	74F13	37397	49304
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	1,198	1,159	1,176	1,301	1,369
Adjacent Schools					
McDonough H.	1,164	902	1,007	973	1,020
St. Charles H.	1,511	1,410	1,402	1,553	1,623

School:	McDonough High				
Relocatable Building Numbers:	74F10	74F14			
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	1,164	902	1,007	973	1,020
Adjacent Schools					
Lackey H.	1,444	990	1,031	1,056	1,093
La Plata H.	1,198	1,159	1,176	1,301	1,369
North Point H.	1,565	1,814	1,814	1,863	1,915
St. Charles H.	1,511	1,410	1,402	1,553	1,623
Westlake H.	1,246	1,140	1,146	1,277	1,345

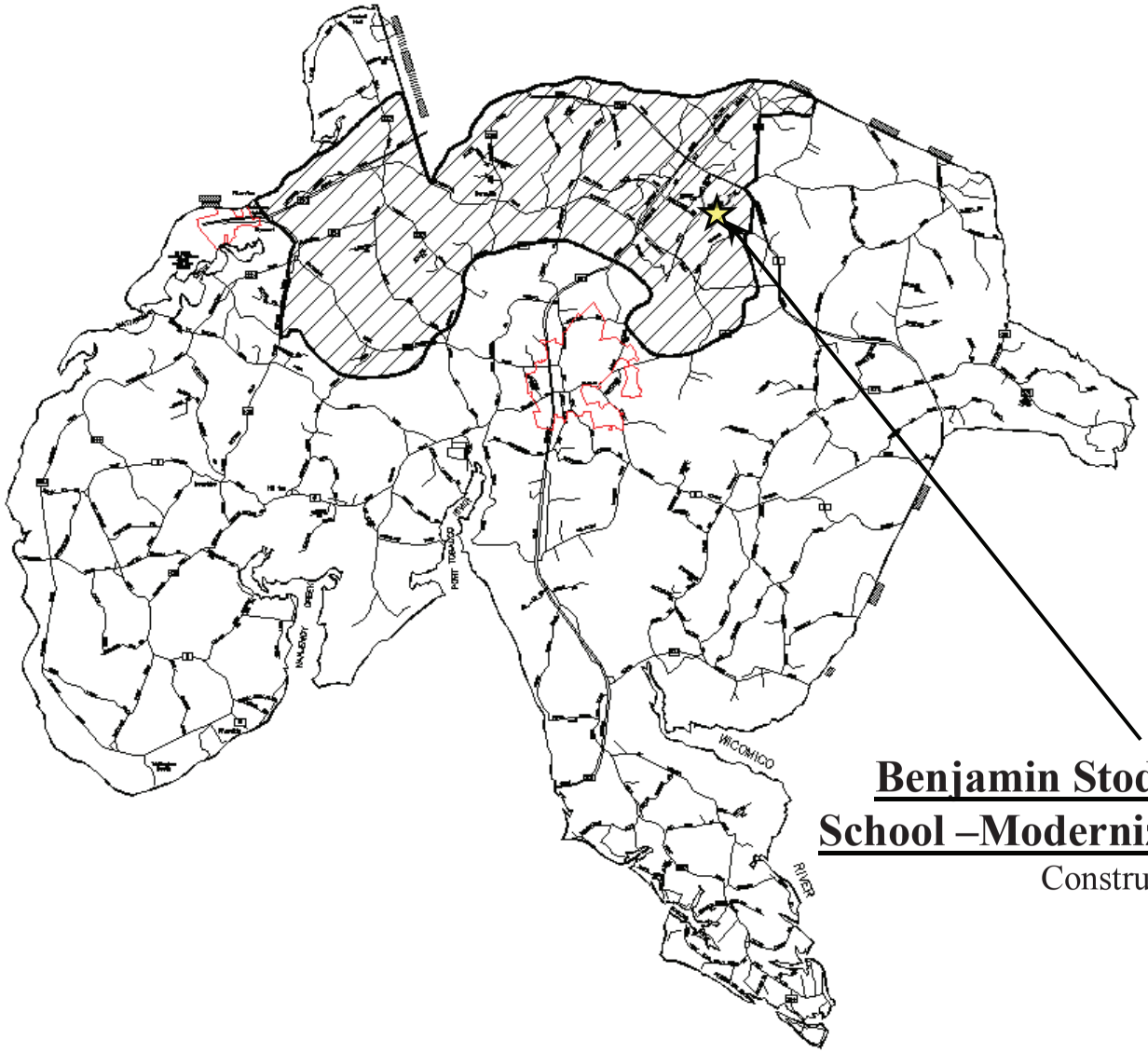
School:	Westlake High				
Relocatable Building Numbers:	533-54	533-55			
			Enrollment (FTE)		
	SRC	9/2019	9/2020*	9/2021	9/2022
	1,246	1,140	1,146	1,277	1,345
Adjacent Schools					
McDonough H.	1,164	902	1,007	973	1,020
North Point H.	1,565	1,814	1,814	1,863	1,915
St. Charles H.	1,511	1,410	1,402	1,553	1,623
Stone H.	1,433	1,128	1,119	1,265	1,333

G:\Planning_&_Construction\CIP\FY 2022\Spreadsheets\[RELOCATABLE CLASSROOM JUSTIFICATION.XLS] 09/21/2020

* September 17, 2020 Telephone Count

Project Location Map

Modernization – FY2022



Benjamin Stoddert Middle School –Modernization/Addition

Construction

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools** | REQUEST TYPE: PLANNING [ ] FUNDING [X]

SCHOOL NAME **Benjamin Stoddert M.S. - Modernization/Addition** | FY: **2022** | Date Submitted **10/7/20**

ADDRESS **2040 St. Thomas Drive, Waldorf, Maryland 20602** | PRIORITY **1** | Revised Date

PROJECT TYPE: NEW [ ] ADDITION [X] REPLACEMENT [ ] RENOVATION [X] LIMITED RENOVATION [ ]

SYSTEMIC RENOVATIONS [ ] STATE-OWNED RELOCATABLES [ ]

COOPERATIVE USE [X] PROTOTYPE DESIGN [ ] COST SHARE % STATE **61%** LOCAL 39%

HIGH PERFORMANCE [ ] ELECTRICAL UPGRADE/REPLACEMENT [X]

SCHOOL NUMBER **08.0613** GRADES **6-8** SRC **711** PSC NO **08.002**

REQUEST FOR CURRENT FY: **$8,115,000**

TOTAL PRIOR STATE FUNDS: **$19,963,000**

DATE PLANNING APPROVED: **5/2/2017**

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **75.0** Date IAC Approved [ ] MHT Category # [ ] Date of MHT Review [ ] In PFA [X] Water [X] Sewer [X]

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: **2018** Enrollment **900**

Gross Square Footage: New [ ] Addition **41,700** Renovation 76,300 Demolition 29,500

Cooperative-Use Space GSF: **WITHIN** above GSF New [ ] Addition [ ] Renovation [ ]

b. State Scope Currently Proposed: 2022 Proposed Enrollment **975**

Gross Square Footage: New [ ] Addition **61,520** Renovation 68,255 Demolition 30,720

Cooperative-Use Space GSF: **WITHIN** above GSF New [ ] Addition **1,025** Renovation 1,875

c. LEA Scope: Proposed Enrollment **975**

Gross Square Footage: New [ ] Addition **86,310** Renovation 68,255 Demolition 30,720

Cooperative-Use Space GSF: **WITHIN** above GSF New [ ] Addition **1,025** Renovation 1,875

4. DESCRIPTION & JUSTIFICATION:

The need is for modernization and addition to Benjamin Stoddert Middle School. The school opened in 1976 and the major building systems have reached the end of their useful life. The school has not had any previous renovations or additions. The modernization will upgrade the mechanical and electrical systems to meet current standards and codes. The entire building will be modernized and expanded for increased enrollment and to meet current educational program requirements. New individual classroom spaces will be provided to replace existing open-space classrooms. The school is located in the Bannister neighborhood of Smallwood Village in St. Charles and serves the development district. The school serves a population that includes students with special needs, students with low English proficiency, and children eligible to participate in the free and reduced meal program. The State approved Planning for the school in FY 2018 and local design funds were approved in FY 2018. State and Local construction funds are requested in FY 2020, FY 2021 and FY 2022. The middle school curriculum requires tow teaching stations for a MS of this size and the existing gym has a divider curtian to seperate the gym into two spaces. Charles County Parks & Recreation uses an office, storage closet, hallway, gym, and auxilary gym for community use. The office is 65 sf, the storage is 66 sf, lobby 448 sf, and the auxilary gym is 2,764 sf. The existing community use space is 3,343 sf.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Benjamin Stoddert M.S. - Modernization/Addition**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **2040 St. Thomas Drive, Waldorf, Maryland 20602**

PRIORITY **1** Revised Date

5. ENROLLMENT PROJECTIONS (Requested and Adjacent Schools)	Year→	***Sept 28, 2018 Telephone Count**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**711**	**794**	**767**	**784**	**795**	**763**	**762**	**784**	**808**	-97
John Hanson MS	**843**	**820**	**852**	**875**	**874**	**904**	**911**	**890**	**911**	-68
Milton Somers MS	**802**	**1,031**	**1,035**	**1,003**	**1,013**	**989**	**1,004**	**995**	**1,004**	-202
										0
										0
										0
TOTAL:	2,356	2,645	2,654	2,662	2,682	2,656	2,677	2,669	2,723	-367

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

This school is 73% busses and 27% walking/biking population. It is anticipated to add four additional buses once redistricting has occurred.

7. EMERGENCY ELECTRICAL POWER:

Entering an X in the Electrical Upgrade/replacement field above indicates that this project involves replacement of the electrical system or upgrade to the electrical capacity. What is the status of the Shelter Compliance process?

A meeting was held with MEMA on January 25, 2017 and an approval letter issued from MEMA on January 26, 2017 outlining the areas to be impacted by the Emergency Shelter Compliance process.

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 42,971,000	$ 17,816,000	$ 25,155,000
Site Development	19%	$ 5,200,000	$ 2,277,000	$ 2,923,000
Construction Cost		**$ 48,171,000**	**$ 20,093,000**	$ **Computation Input Required**
Contingency	2.5%	$ 1,084,000	$ 1,084,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 6,614,000	$ 6,614,000	$ N/A
Total		**$ 55,869,000**	**$ 27,791,000**	$ **28,078,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2020/21/22** Bid **8/28/19** Occupancy Date: **7/1/22**

CHARLES COUNTY GOVERNMENT
Department of Recreation, Parks & Tourism
Eileen B. Minnick
Director

Phone 301-932-3470
Fax 301-934-5624
Email CCPR@CharlesCountyMD.Gov

November 5, 2018

Mr. Robert Gorrell, Executive Director
Interagency Committee on School Construction
200 West Baltimore Street, 2nd Floor
Baltimore, MD 21201

Re: Cooperative Agreements for Benjamin Stoddert Middle School

Dear Mr. Gorrell,

The Charles County Department of Recreation, Parks and Tourism supports the renovation plan for Benjamin Stoddert Middle School, as provided in the Cooperative Agreements, of the Rules, Regulations, and Procedures for the Administration of the School Construction Program.

In cooperation with Charles County Public Schools, the Charles County Department of Recreation, Parks and Tourism will effectively use the space to continue organizing and managing broad-based after-school recreational programs as well as offer additional/expanded evening programs which provide recreational opportunities to the youth and adults in this high-growth area of the county.

Charles County Department of Recreation, Parks, and Tourism actively uses the current square footage of Benjamin Stoddert Middle School to operate the community-based programs offered to our citizens. We are looking forward to the additional space being made available to us:

Area	Current Sq Ft	Proposed Sq Ft	Area	Current Sq Ft	Proposed Sq Ft
Gym	7,564	7,564	Community Services Office	65	192
Auxiliary Gym	2,764	1,268	Community Services Storage	66	92
Lobby	448	1,025	Multi-use Restrooms	0	424

Charles County Government has a long history of successful collaboration with Charles County Public Schools in establishing and carrying out community programs for all ages in school facilities. We look forward to expanding this program at Benjamin Stoddert Middle School and thank you for your consideration in providing valuable square footage to support the sharing of school facilities that greatly benefit our residents.

Sincerely,

Eileen B. Minnick
Director

cc: Sam Drury, Chief of Recreation

A18 OVERALL FIRST FLOOR PLAN
1/16" = 1'-0"

11720 Beltsville Drive
Suite 800
Calverton, MD 20705
Tel: 301.595.1000
www.grimmandparker.com
GRIMM AND PARKER

GP #21528

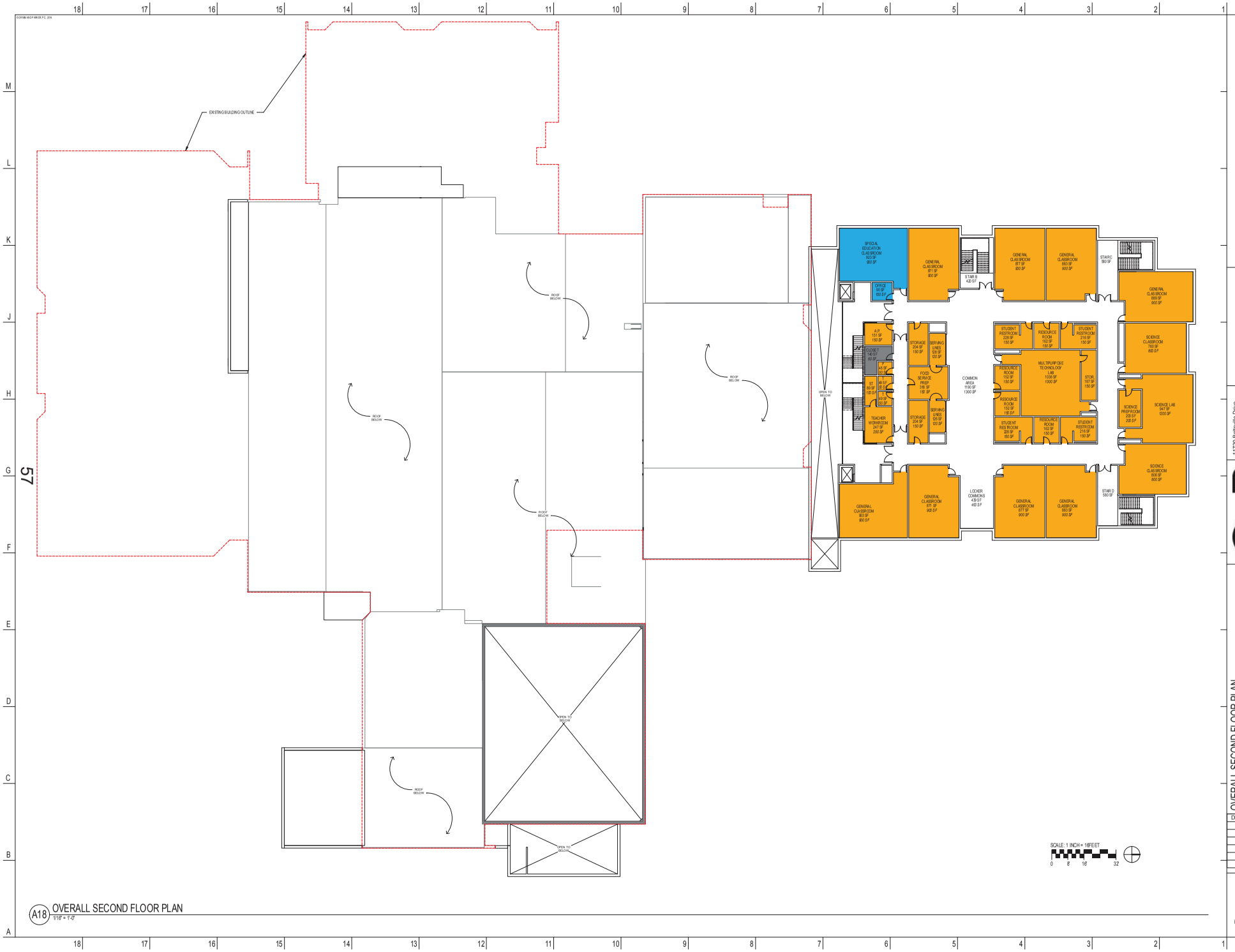
OVERALL FIRST FLOOR PLAN

BENJAMIN STODDERT MIDDLE SCHOOL

DATE	DESCRIPTION

A101
06/07/18
DESIGN DEVELOPMENT

GRIMMAND PARKER, P.C. 2014



A18 OVERALL SECOND FLOOR PLAN
1/16" = 1'-0"

57

11720 Beltsville Drive
Suite 600
Calverton, MD 20705
Tel: 301.595.1000

www.grimmandparker.com

GRIMM AND PARKER

GP #21528

OVERALL SECOND FLOOR PLAN

BENJAMIN STODDERT MIDDLE SCHOOL

DATE	DESCRIPTION

A102

06/07/18
DESIGN DEVELOPMENT

EGRIMM AND PARKER, P.C. 2016

A18 OVERALL THIRD FLOOR PLAN
1/16" = 1'-0"

58

11720 Beltsville Drive
Suite 500
Calverton, MD 20705
Tel: 301.595.1000
www.grimmandparker.com
GRIMM AND PARKER

GP #21528

OVERALL THIRD FLOOR PLAN

BENJAMIN STODDERT MIDDLE SCHOOL

DATE	DESCRIPTION

A103

06/07/18
DESIGN DEVELOPMENT

EGRIMM AND PARKER, P.C. 2016

Benjamin Stoddert Middle School - Renovation/Addition

Construction Draw Schedule

March 2019 - Solicit bids
April 2019 - Open Bids
May 2019 - State Contract Approval
May 2019 - Notice to proceed

	Month/ Year	Projected Pay	Percent of Total	% Running Total	Notes
1	May-19	0	0.0000	0.0000	Notice to Proceed Issued
2	Jun-19	$200,000	0.4654	0.4654	ACM removal Existing Building
3	Jul-19	$500,000	1.1636	1.6290	ACM removal Existing Building
4	Aug-19	$500,000	1.1636	2.7926	
5	Sep-19	$851,000	1.9804	4.7730	
6	Oct-19	$1,000,000	2.3272	7.1001	
7	Nov-19	$1,000,000	2.3272	9.4273	
8	Dec-19	$1,250,000	2.9089	12.3362	
9	Jan-20	$1,500,000	3.4907	15.8270	
10	Feb-20	$1,500,000	3.4907	19.3177	
11	Mar-20	$2,000,000	4.6543	23.9720	
12	Apr-20	$2,000,000	4.6543	28.6263	
13	May-20	$2,500,000	5.8179	34.4442	
14	Jun-20	$2,500,000	5.8179	40.2620	
15	Jul-20	$2,500,000	5.8179	46.0799	ACM removal Existing Building
16	Aug-20	$2,000,000	4.6543	50.7342	ACM removal Existing Building
17	Sep-20	$1,500,000	3.4907	54.2249	
18	Oct-20	$1,250,000	2.9089	57.1339	
19	Nov-20	$1,000,000	2.3272	59.4610	
20	Dec-20	$1,000,000	2.3272	61.7882	
21	Jan-21	$900,000	2.0944	63.8826	
22	Feb-21	$840,000	1.9548	65.8374	
23	Mar-21	$780,000	1.8152	67.6526	
24	Apr-21	$780,000	1.8152	69.4678	
25	May-21	$780,000	1.8152	71.2830	
26	Jun-21	$780,000	1.8152	73.0981	
27	Jul-21	$780,000	1.8152	74.9133	
28	Aug-21	$780,000	1.8152	76.7285	
29	Sep-21	$780,000	1.8152	78.5437	
30	Oct-21	$780,000	1.8152	80.3588	
31	Nov-21	$780,000	1.8152	82.1740	
32	Dec-21	$780,000	1.8152	83.9892	
33	Jan-22	$780,000	1.8152	85.8044	
34	Feb-22	$780,000	1.8152	87.6196	
35	Mar-22	$780,000	1.8152	89.4347	
36	Apr-22	$780,000	1.8152	91.2499	
37	May-22	$780,000	1.8152	93.0651	
38	Jun-22	$780,000	1.8152	94.8803	
39	Jul-22	$780,000	1.8152	96.6954	Substantial Completion Expected
40	Aug-22	$750,000	1.7454	98.4408	Reduced Retention
41	Sep-22	$500,000	1.1636	99.6044	Reduced Retention
42	Oct-22	$120,000	0.2793	99.8836	Reduced Retention
43	Nov-22	$50,000	0.1164	100.0000	Final Payment to the Contractor
		$42,971,000	100.0000		

January 26, 2017

Steve Andritz
Director of Planning & Construction
Charles County Public Schools
5985 Radio Station Rd.
La Plata, MD 21740

Dear Mr. Andritz,

Under the *Code of Maryland Regulations* (COMAR 23.03.02.29), local education agencies must consult with the Maryland Emergency Management Agency on school construction projects that include replacing or upgrading the electrical system. This letter serves as the "compliance letter" specified by the Board of Public Works/Interagency Committee on School Construction (BPW/IAC) Emergency Shelter Compliance Process for the Charles County, Benjamin Stoddert Middle School project; an assessment for that facility was conducted on January 25, 2017.

After discussion and consideration by representatives of MEMA, the Maryland Department of Human Resources (DHR), and your organization, the following areas of the school building would be used for public sheltering if events required the use of that facility for such purposes:

- Entrance and corridor area leading to the Gymnasium and Cafeteria, including exterior lighting
- Administrative suite to include health, guidance and bathrooms associated with the suite (highlighted with red dotted line)
- Gymnasium, including the two auxiliary gyms connected to the main gym, bathrooms associated with the gym
- Cafeteria, kitchen, facility lounge area associated bathrooms

Attached to this letter is a copy of the floor plan for the school with these areas highlighted in yellow.

The areas specified above and highlighted on the floor plan should be provided with sufficient back-up electrical power so that normal services (e.g., HVAC, water, sewage, etc.), fixtures (e.g., lighting, toilets, large refrigeration units, etc.), and appliances (e.g., lamps, cooking units, outlets, etc.) will continue to operate in the event of a loss of normal power. As noted in both the regulation and compliance process, it is within your

jurisdiction's discretion to determine whether to install an on-site generator, or pre-wire the site to accept a temporary generator; it is also within your jurisdiction's discretion to go beyond the determination of this letter and provide back-up power to a broader (but still limited) portion of the facility or to the entire facility.

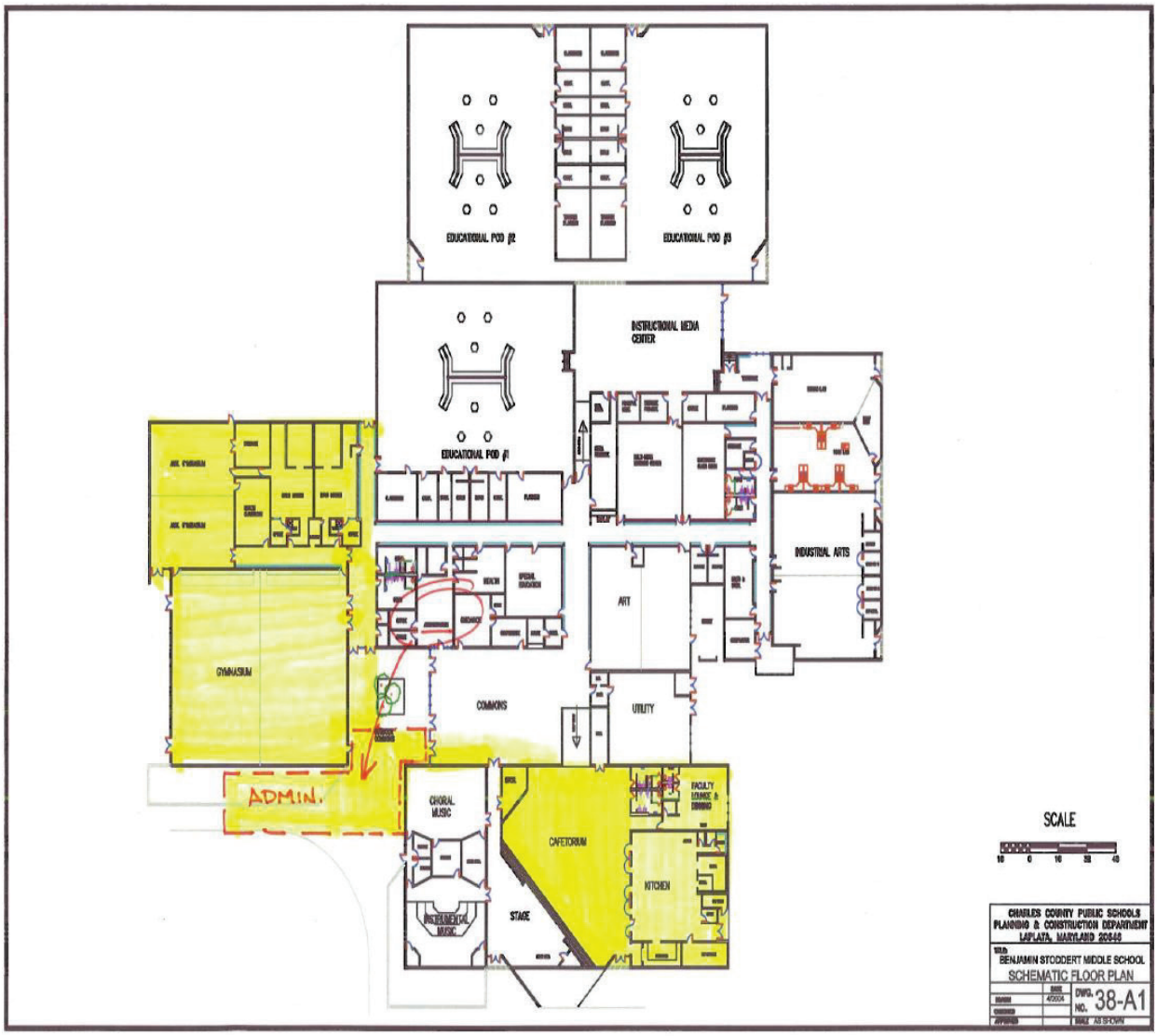
Thank you for working with us to build capacity for the future, helping to make a prepared and resilient Maryland. If you have any questions, concerns, or comments, please feel free to contact me at your convenience by telephone at 410-504-3124 (cell) or electronic mail at elizabeth.webster@maryland.gov.

Respectfully,

Elizabeth Webster
Assistant Director, Operations

cc: R. Strickland, MEMA
J. Reginaldi, RLO MEMA
B. Brown, DHR
M. Lilly, Charles Co. Emergency Management

Areas highlighted in yellow are the areas recommended to have the capability for back-up power.



PROJECT DESCRIPTION AND JUSTIFICATION

BENJAMIN STODDERT MIDDLE SCHOOL
MODERNIZATION/ADDITION

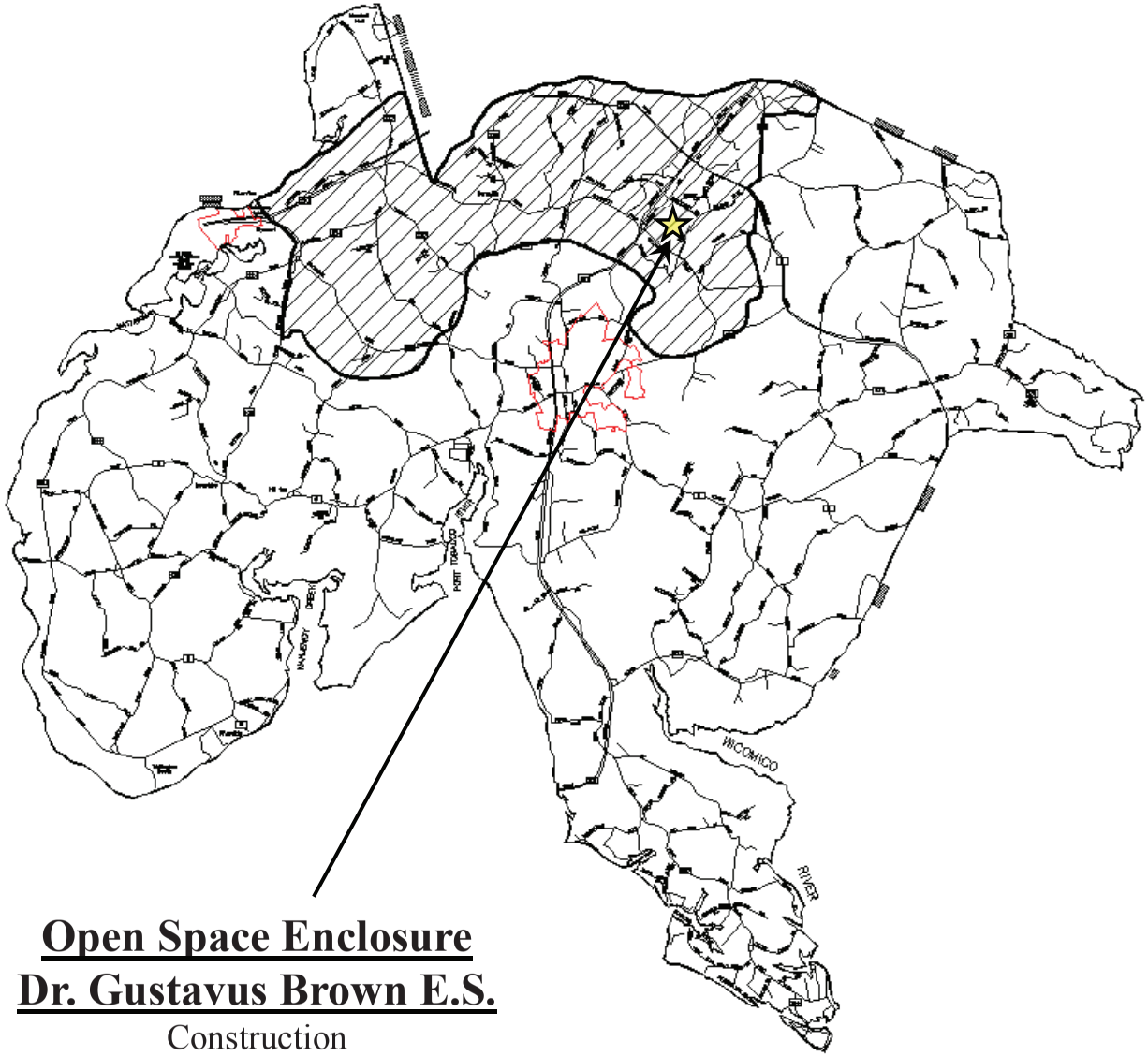
The need is for renovation/expansion at Benjamin Stoddert Middle School in Waldorf, Maryland. Benjamin Stoddert middle school is aged and major building systems have reached the end of their useful life. The renovation will upgrade the mechanical and electrical systems to meet current standards and codes. All existing spaces will be modernized and modified to meet current educational program requirements. Programmatic spaces will be included in the project to enhance the instructional program and expansion to address capacity needs. The school has an existing community center and use of the school cafeteria, gym, and auxiliary gym for these functions. State planning approval was approved in FY2018. Local planning funds were approved in FY2018. State and Local construction funding were approved in FY2020 & FY2021. State and Local construction funds will be requested in FY2022.

Stoddert Middle School has a gym and auxiliary gym. The middle school curriculum requires two teaching stations for a MS of this size and the existing gym has a divider curtain to separate the gym into two spaces.

Charles County Parks & Recreation uses an office, storage closet, hallway, gym, and auxiliary gym for community use. The office is 65 sf, the storage is 66 sf, lobby 448 sf, and the auxiliary gym is 2,764 sf. The existing community use space is 3,343 sf.

Project Location Map

Systemic Renovation – FY2022



<u>Open Space Enclosure</u>
<u>Dr. Gustavus Brown E.S.</u>
Construction

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**
REQUEST TYPE: PLANNING ____ FUNDING **X**
SCHOOL NAME **Dr. Gustavus Brown E.S. - Open Space Enclosure**
FY: **2022** Date Submitted **10/7/20**
ADDRESS **421 University Drive, Waldorf, Maryland 20602**
PRIORITY **2** Revised Date

PROJECT TYPE: NEW ____ ADDITION ____ REPLACEMENT ____ RENOVATION ____ LIMITED RENOVATION ____
SYSTEMIC RENOVATIONS **X** STATE-OWNED RELOCATABLES ____
COOPERATIVE USE ____ PROTOTYPE DESIGN ____ COST SHARE % STATE **61%** LOCAL 39%
HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT ____
SCHOOL NUMBER **08.0611** GRADES **PreK-5** SRC **493** PSC NO **08.004**

REQUEST FOR CURRENT FY: **$3,660,000**
TOTAL PRIOR STATE FUNDS: **$0**
DATE PLANNING APPROVED: **N/A**

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS									
FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **21.0** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL	54,513	1974					**54,513**
ADDITION	10,306	2011					**10,306**
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	64,819		-		-		**64,819**

LEA Proposed Scope for Renovation/Demolition		
GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
29,295		
-		
-		
-		
-		
29,295	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: Enrollment ____
Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

b. State Scope Currently Proposed: 2022 Proposed Enrollment **506**
Gross Square Footage: New ____ Addition - Renovation 29,295 Demolition ____
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

c. LEA Scope: 2022 Proposed Enrollment **506**
Gross Square Footage: New ____ Addition - Renovation 29,295 Demolition ____
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

4. DESCRIPTION & JUSTIFICATION:

There is a need for permanent enclosed classrooms at Dr. Gustavus Brown Elementary School in Waldorf, Maryland. The school originally opened in 1974 with open-space learning environment. The open-space learning has had two primary obstacles, one is the added space and the other is noise carrying from learning center to learning center. As the trend for open-space learning declined in the Charles County, in favor of traditional classrooms, many of the open-space schools received acoustical cubical style partitions to create enclosing spaces for the feel of traditional educational classrooms. The result has been classroom space with partially demising cubical partitions, but without doors, and short walls which allows noise and light to pass from space to space.
This project will convert this open-space floorplan to permanently enclosed classrooms with full height walls and all necessary adjustments to the HVAC and electrical systems. ACM removal will be required to mitigate impact to the floors and walls. The rooftop units, vav's, and boilers were replaced in 2014 and that work resulted in considerable insight on the HVAC system. There is substantial growth in close proximity to the school and the open-space enclosure would create classrooms spaces that function at current educational requirements.
State and Local construction funding will be requested in FY2022.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Dr. Gustavus Brown E.S. - Open Space Enclosure**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **421 University Drive, Waldorf, Maryland 20602**

PRIORITY **2** Revised Date

5. ENROLLMENT PROJECTIONS (Requested and Adjacent Schools)	Year→	***Sept 17, 2020 Telephone Count**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**493**	**406**	**427**	**424**	**401**	**404**	**408**	**403**	**399**	94
										0
										0
										0
										0
										0
TOTAL:	493	406	427	424	401	404	408	403	399	94

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

This school is 73% busses and 27% walking/biking population. It is anticipated to add four additional buses once redistricting has occurred.

7. EMERGENCY ELECTRICAL POWER:

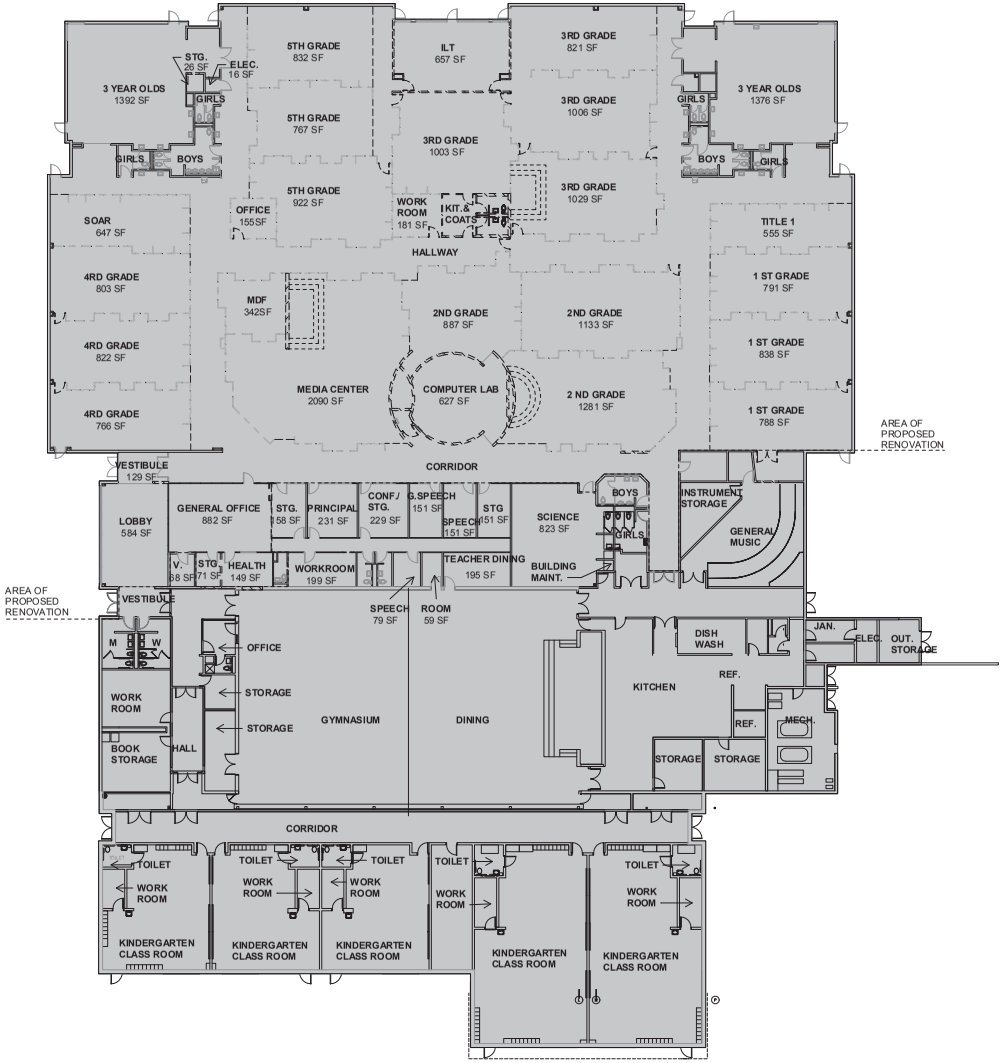
A meeting was held with MEMA on January 25, 2017 and an approval letter issued from MEMA on January 26, 2017 outlining the areas to be impacted by the Emergency Shelter Compliance process.

8. BUDGET:

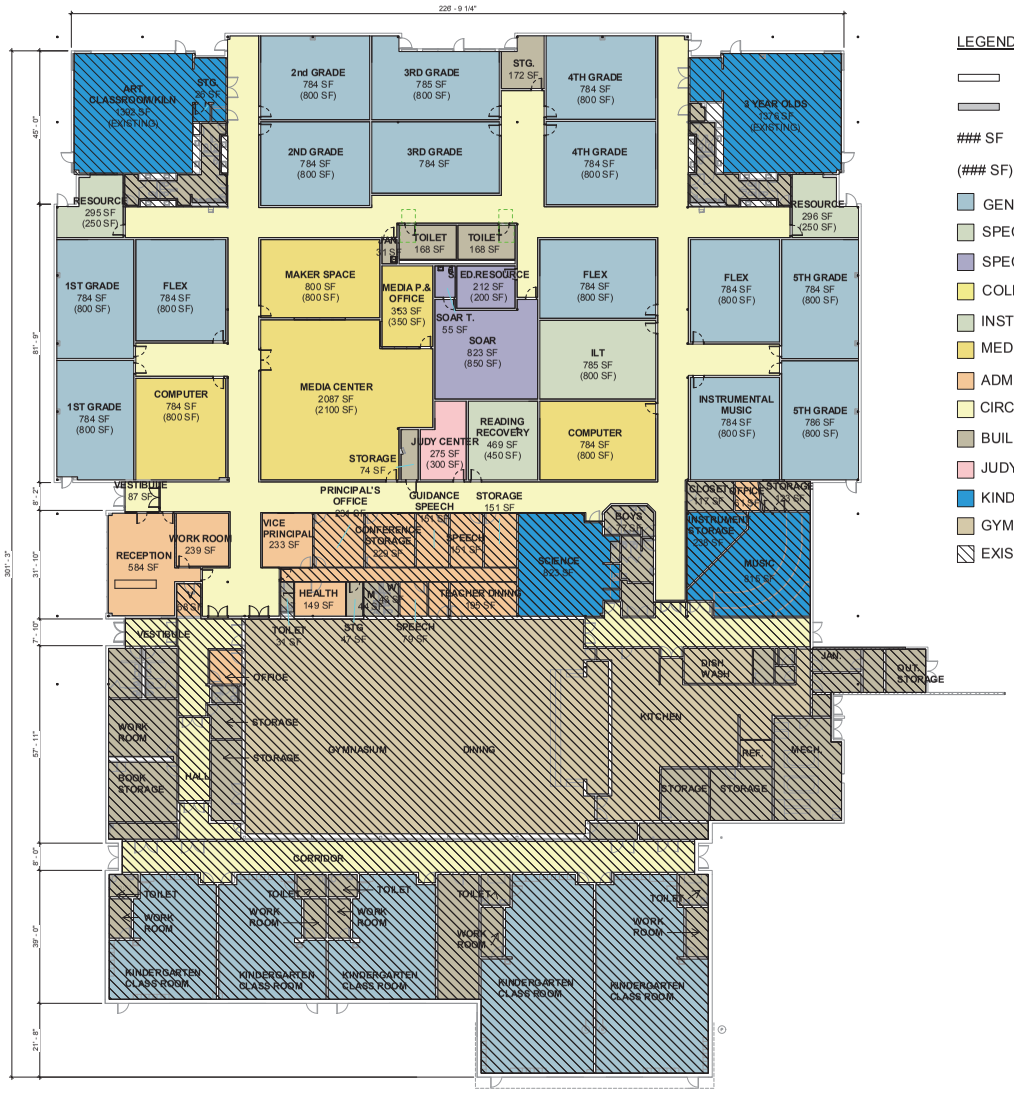
		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 5,590,000	$ 1,930,000	$ 3,660,000
Site Development	19%	$ -	$	$ -
Construction Cost		**$ 5,590,000**	**$ 1,930,000**	$ **3,660,000**
Contingency	2.5%	$ 200,000	$ 200,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 785,000	$ 785,000	$ N/A
Total		**$ 6,575,000**	**$ 2,915,000**	$ **3,660,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **8/28/21** Occupancy Date: **7/1/22**

EXISTING FLOOR PLAN



PROPOSED FLOOR PLAN



LEGEND

- EXISTING WALL
- NEW CONSTRUCTION
- ### SF — PROPOSED SQFT
- (### SF) — PROGRAM SQFT
- GENERAL INSTRUCTION
- SPECIAL INSTRUCTION
- SPECIAL EDUCATION
- COLLABORATIVE LEARNING AREA
- INSTRUCTIONAL SUPPORT
- MEDIA CENTER, MAKER SPACE, COMPUTERS
- ADMINISTRATION
- CIRCULATION
- BUILDING SUPPORT
- JUDY CENTER
- KINDERGARTEN/ART/SCIENCE
- GYMNASIUM/KITCHEN
- EXISTING TO REMAIN (NO NEW WORK)

PROJECT DESCRIPTION AND JUSTIFICATION

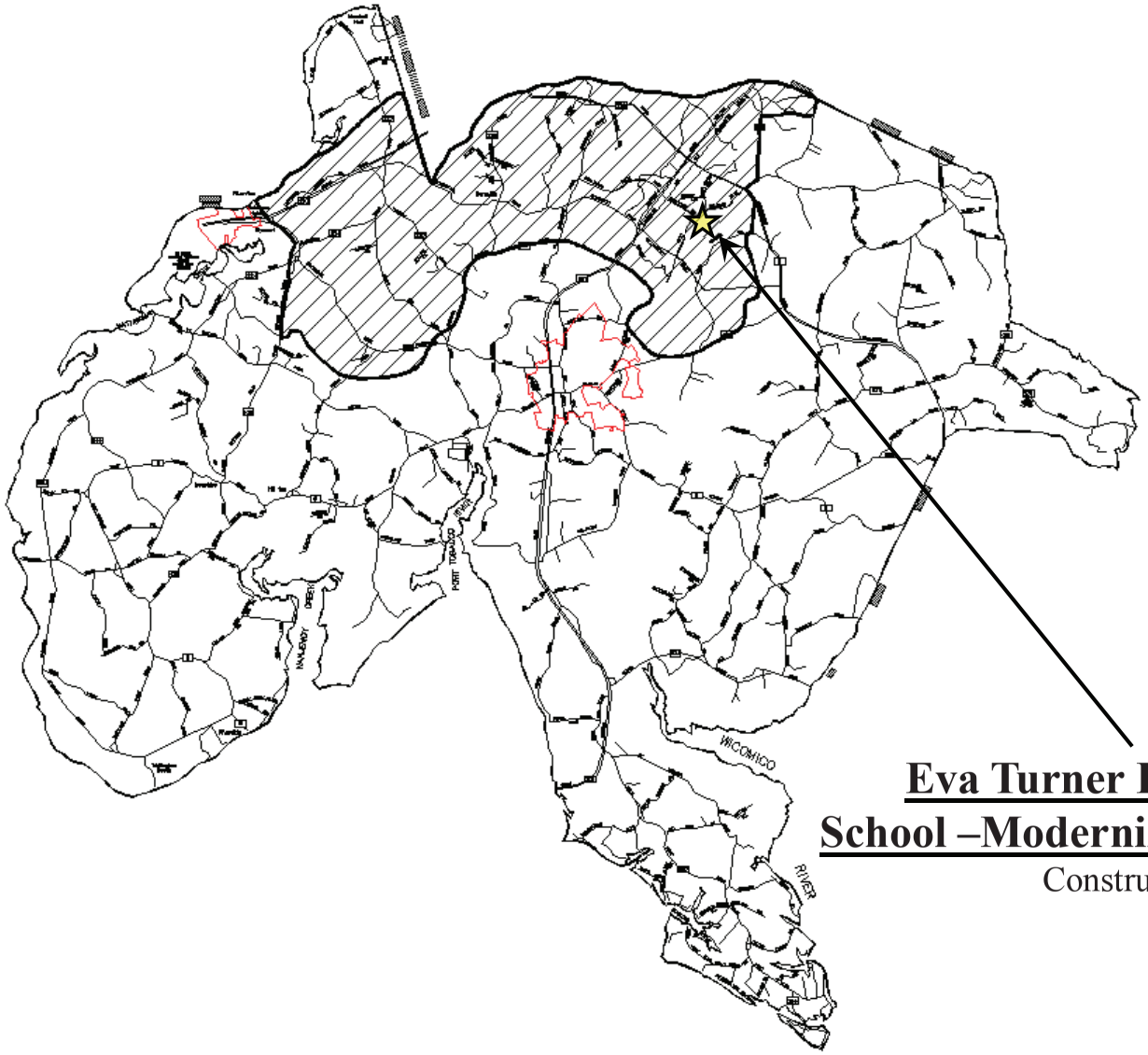
OPEN-SPACE ENCLOSURE
DR. GUSTAVUS BROWN ELEMENTARY SCHOOL

There is a need for permanent enclosed classrooms at Dr. Gustavus Brown Elementary School in Waldorf, Maryland. The school originally opened in 1974 with open-space learning environment. The open-space learning has had two primary obstacles, one is the added space and the other is noise carrying from learning center to learning center. As the trend for open-space learning declined in the Charles County, in favor of traditional classrooms, many of the open-space schools received acoustical cubical style partitions to create enclosing spaces for the feel of traditional educational classrooms. The result has been classroom space with partially demising cubical partitions, but without doors, and short walls which allows noise and light to pass from space to space.

This project will convert this open-space floorplan to permanently enclosed classrooms with full height walls and all necessary adjustments to the HVAC and electrical systems. ACM removal will be required to mitigate impact to the floors and walls. The rooftop units, vav's, and boilers were replaced in 2014 and that work resulted in considerable insight on the HVAC system. There is substantial growth in close proximity to the school and the open-space enclosure would create classrooms spaces that function at current educational requirements. State and Local construction funding will be requested in FY2022.

Project Location Map

Modernization – FY2022



<u>Eva Turner Elementary School –Modernization/Addition</u>

Construction

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**
REQUEST TYPE: PLANNING ____ FUNDING **X**
SCHOOL NAME **Eva Turner E.S. - Modernization/Addition**
FY: **2022** Date Submitted **10/7/20**
ADDRESS **1000 Bannister Circle, Waldorf, Maryland 20602**
PRIORITY **3** Revised Date ____

PROJECT TYPE: NEW ____ ADDITION **X** REPLACEMENT ____ RENOVATION **X** LIMITED RENOVATION ____
SYSTEMIC RENOVATIONS ____ STATE-OWNED RELOCATABLES ____
COOPERATIVE USE **X** PROTOTYPE DESIGN ____ COST SHARE % STATE **61%** LOCAL 39%
HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT ____
SCHOOL NUMBER **08.0616** GRADES **Pre-K - 5** SRC **481** PSC NO **08.019**

REQUEST FOR CURRENT FY: **$8,430,337**
TOTAL PRIOR STATE FUNDS: **$2,349,663**
DATE PLANNING APPROVED: **5/2/2017**

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS									
FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **21.0** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

			RENOVATED		DEMOLISHED		TOTAL
	Gross SF	Date	Gross SF	Date	Gross SF	Date	Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition		
GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: **2018** Enrollment **490**
Gross Square Footage: New ____ Addition ____ Renovation 55,820 Demolition ____
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

b. State Scope Currently Proposed: 2022 Proposed Enrollment **513**
Gross Square Footage: New ____ Addition **13,756** Renovation 42,251 Demolition 13,569
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition **2,054** Renovation 946

c. LEA Scope: Proposed Enrollment **513**
Gross Square Footage: New ____ Addition **20,129** Renovation 42,251 Demolition 13,569
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition **2,054** Renovation 1,670

4. DESCRIPTION & JUSTIFICATION:

The need is for modernization and addition to Eva Turner Elementary School. The school was opened in 1979 and major building systems have reached the end of their useful life. The school received a pre-kindergarten addition in 1995 and an all-day kindergarten addition in 2011. The modernization will upgrade the mechanical and electrical systems to meet current standards and codes. The building will be modernized and expanded for increased enrollment and to meet current educational program requirements. New individual classroom spaces will be provided to replace existing open-space classrooms. The school is located in the Bannister neighborhood of Smallwood Village in St. Charles and serves the development district. The school serves a population that includes students with special needs, students with low English proficiency, and children eligible to participate in the free and reduced meal program. The State approved Planning for the school in FY 2018 and local design funds were approved in FY 2018. State and local construction funds were approved in FY 2020 & FY 2021. State construction funds are requested in FY 2022. Malcolm Elementary School is not listed as an adjacent school due to the distance from the subject school.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools** REQUEST TYPE: PLANNING ___ FUNDING **X**

SCHOOL NAME **Eva Turner E.S. - Modernization/Addition** FY: **2022** Date Submitted **10/7/20**

ADDRESS **1000 Bannister Circle, Waldorf, Maryland 20602** PRIORITY **3** Revised Date

5. ENROLLMENT PROJECTIONS (Requested and Adjacent Schools)	Year→	***Sept 28, 2018 Telephone Count**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**391**	**402**	**441**	**456**	**466**	**471**	**462**	**463**	**459**	-68
Arthur Middleton ES	**439**	**466**	**505**	**516**	**536**	**539**	**542**	**545**	**546**	-107
Dr. Gustavus Brown ES	**381**	**448**	**478**	**477**	**477**	**484**	**484**	**491**	**497**	-116
Dr. Samuel Mudd ES	**532**	**423**	**435**	**450**	**467**	**477**	**483**	**487**	**495**	37
J.P. Ryon ES	**656**	**709**	**762**	**750**	**736**	**754**	**757**	**734**	**748**	-92
Mary B. Neal ES	**791**	**697**	**695**	**700**	**704**	**717**	**756**	**754**	**750**	41
TOTAL:	3,190	3,145	3,316	3,349	3,386	3,442	3,484	3,474	3,495	-305

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

This school is 73% busses and 27% walking/biking population. It is anticipated to add four additional busses once redistricting has occurred.

7. EMERGENCY ELECTRICAL POWER:

A meeting was held with MEMA on Jan. 25, 2017 and a letter issued from MEMA on Jan. 26, 2017 outlining the school is exempt from the Emergency Shelter Compliance process.

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 20,500,000	$ 10,640,000	$ 9,860,000
Site Development	19%	$ 1,516,000	$ 596,000	$ 920,000
Construction Cost		**$ 22,016,000**	**$ Input Required**	$ **Computation Input Required**
Contingency	2.5%	$ 700,000	$ 700,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 4,665,000	$ 4,665,000	$ N/A
Total		**$ 27,381,000**	**$ 16,601,000**	$ **10,780,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2020/21/22** Bid **5/7/19** Occupancy Date: **7/1/21**

Charles County Public Schools Judy Center

Serving: Barnhart, Mudd, Ryon & Turner
Dr Mudd Transition School
3155 John Hanson Drive
Waldorf, MD 20601
301 934 7494
malam@ccboe.com

November 17, 2017

To Whom It May Concern:

I am writing to provide support for the building request of a 300 square foot office space as well as 500 square foot nurses station for the upcoming renovations for Eva Turner Elementary School. These requests are made to support requirements to maintain the MSDE grant funded Judy Center.

Eva Turner serves as one of 4 Charles County Schools which support community services through the Judith Hoyer Early Care and Educational Enhancement Program (Judy Center). The programs and services provided at Eva Turner require 300 square feet in order to support staffing workspace for 2 permanent Judy Center Staff members, a place for storage of supplies as well as a small private space to meet with families to discuss personal, confidential information. The storage space must be ample enough to allow for the storage of over 2,000 books, tutoring supplies, dental care kits, snack for children as well as supplies used by the contractor who provides mental health services. At times this space may also be used as a satellite office location for the myself, the program coordinator, to work on concerns directly impacting Eva Turner.

The Judy Center is a MSDE grant supported program which must offer health related support services. These services include: annual vision, hearing and dental screenings and/or services. In addition, children may be screened for lead poisoning or the Department of Social Services may need to complete an assessment of a child's welfare to determine a need for services. Each of the aforementioned services are completed by outside agencies such as the Health Department, Lion's Club or a contractor, thus requiring additional space to be available to administer services. Affording Eva turner 500 square feet will allow ample room for additional Judy Center screenings and services to take place without interrupting the daily needs of the school nurse.

Thank you in advance for your consideration.

Sincerely,

Margo C. Alam
Instructional Specialist/Program Coordinator
Charles County Public Schools Judy Center

To whom this may concern,

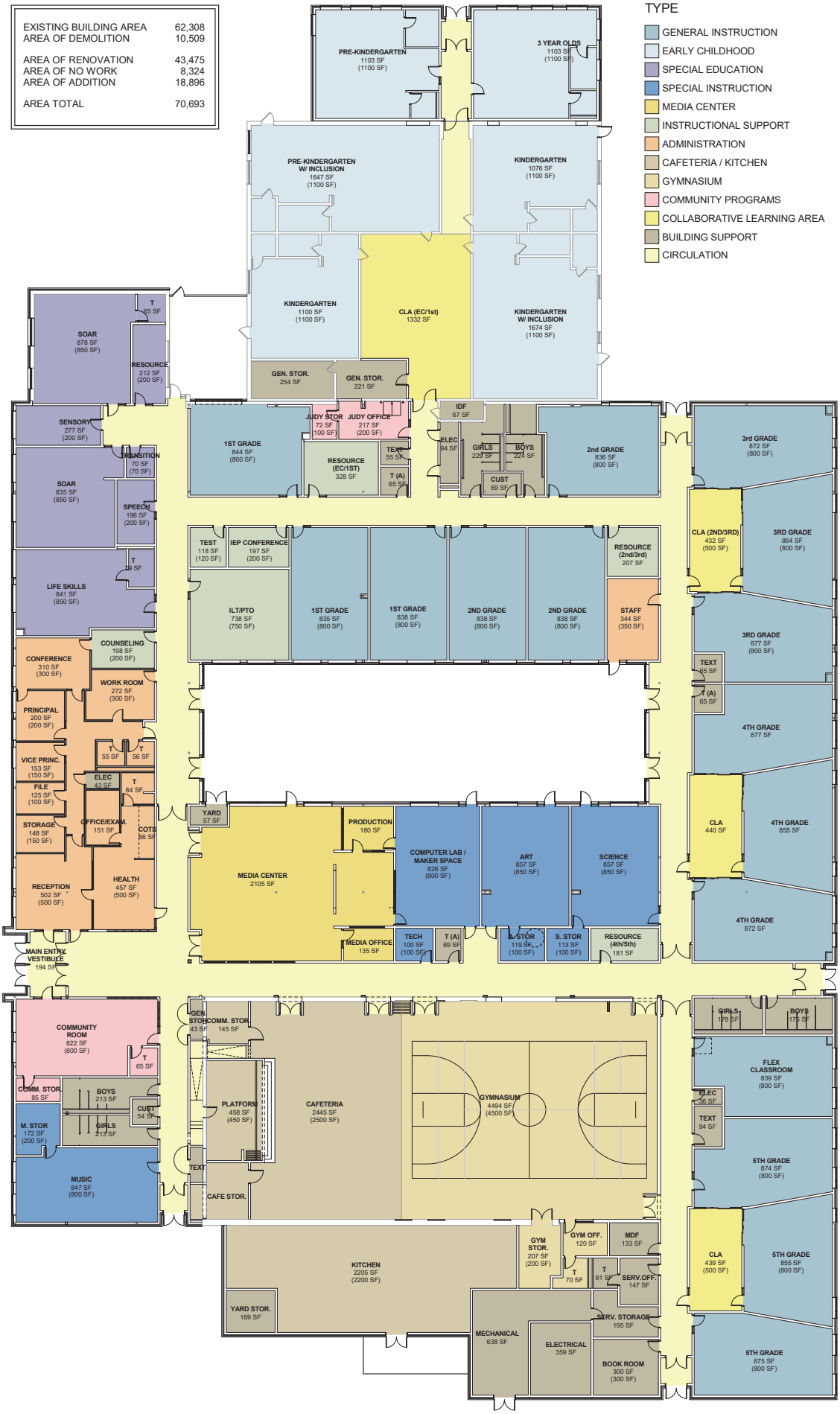
AlphaBEST Education uses the gym and storage room to operate our before and after care program at Eva Turner Elementary School and that these spaces are approximately 1,400 sf. AlphaBEST Education has developed a unique before and after-school program model that combines a safe, supervised environment necessary for working parents with an expanded learning curriculum to assist schools to meet their goals. The careful balance between relaxed, fun activities and engaging learning experiences is achieved through our curriculum developed by national subject experts and our careful training, selection and supervision of staff. Our hours of operation are from 6am to 6pm Monday thru Friday. We have a contract with The Department of Community Services. We will continue to operate the before and after care program after the building is renovated.

Thank you,
Paula Wade, District Manager

EXISTING BUILDING AREA	62,308
AREA OF DEMOLITION	10,509
AREA OF RENOVATION	43,475
AREA OF NO WORK	8,324
AREA OF ADDITION	18,896
AREA TOTAL	70,693

TYPE

- GENERAL INSTRUCTION
- EARLY CHILDHOOD
- SPECIAL EDUCATION
- SPECIAL INSTRUCTION
- MEDIA CENTER
- INSTRUCTIONAL SUPPORT
- ADMINISTRATION
- CAFETERIA / KITCHEN
- GYMNASIUM
- COMMUNITY PROGRAMS
- COLLABORATIVE LEARNING AREA
- BUILDING SUPPORT
- CIRCULATION



Eva Turner Elementary School - Renovation

Construction Draw Schedule

March 2019 - Solicit bids
April 2019 - Open Bids
June 2019 - State Contract Approval
June 2019 - Notice to proceed

	Month/ Year	Projected Pay	Percent of Total	% Running Total	Notes
1	Jun-19	$ -	0.0000	0.0000	Notice to Proceed Issued
2	Jul-19	$ 125,000	0.6098	0.6098	ACM removal Existing Building
3	Aug-19	$ 125,000	0.6098	1.2195	ACM removal Existing Building
4	Sep-19	$ 125,000	0.6098	1.8293	ACM removal Existing Building
5	Oct-19	$ 350,000	1.7073	3.5366	
6	Nov-19	$ 550,000	2.6829	6.2195	
7	Dec-19	$ 800,000	3.9024	10.1220	
8	Jan-20	$ 800,000	3.9024	14.0244	
9	Feb-20	$ 900,000	4.3902	18.4146	
10	Mar-20	$ 1,000,000	4.8780	23.2927	
11	Apr-20	$ 1,000,000	4.8780	28.1707	
12	May-20	$ 1,500,000	7.3171	35.4878	
13	Jun-20	$ 1,500,000	7.3171	42.8049	
14	Jul-20	$ 1,500,000	7.3171	50.1220	
15	Aug-20	$ 1,500,000	7.3171	57.4390	
16	Sep-20	$ 1,085,000	5.2927	62.7317	
17	Oct-20	$ 1,000,000	4.8780	67.6098	
18	Nov-20	$ 1,000,000	4.8780	72.4878	
19	Dec-20	$ 1,000,000	4.8780	77.3659	
20	Jan-21	$ 900,000	4.3902	81.7561	
21	Feb-21	$ 900,000	4.3902	86.1463	
22	Mar-21	$ 800,000	3.9024	90.0488	
23	Apr-21	$ 750,000	3.6585	93.7073	
24	May-21	$ 500,000	2.4390	96.1463	
25	Jun-21	$ 275,000	1.3415	97.4878	
26	Jul-21	$ 175,000	0.8537	98.3415	Substantial Completion Expected
27	Aug-21	$ 120,000	0.5854	98.9268	Reduced Retention
28	Sep-21	$ 90,000	0.4390	99.3659	Reduced Retention
28	Oct-21	$ 75,000	0.3659	99.7317	Reduced Retention
28	Nov-21	$ 55,000	0.2683	100.0000	Final Payment to the Contractor
		$ 20,500,000	100.000		

PROJECT DESCRIPTION AND JUSTIFICATION

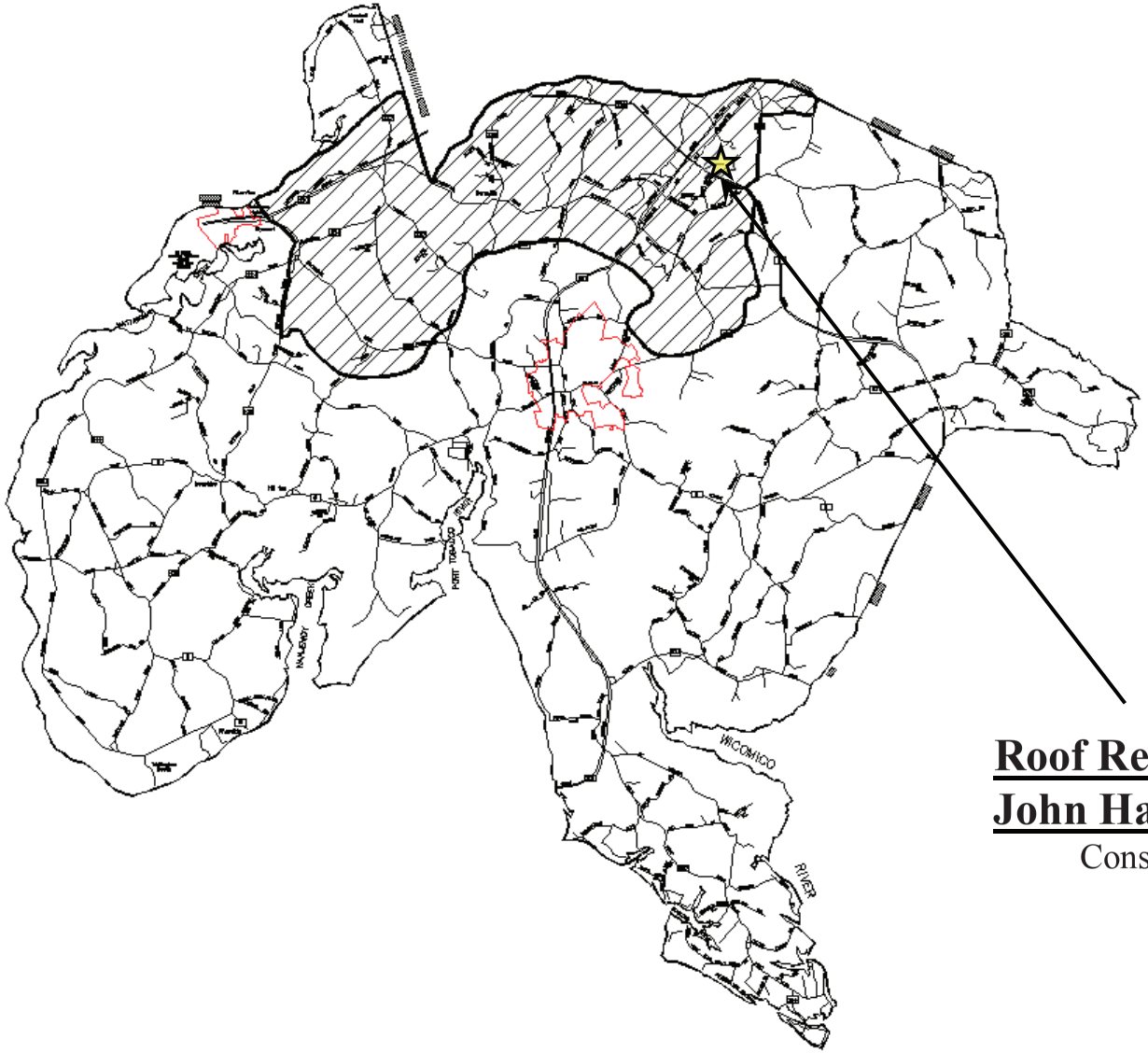
EVA TURNER ELEMENTARY SCHOOL MODERNIZATION

The need is for modernization and addition at Eva Turner Elementary School, opened in 1979 and is located in Smallwood Village in St. Charles. The major building systems have exceeded their normal life and will be replaced as part of the renovation. The building will be modernized and expanded for increased enrollment and to meet current educational program requirements. New individual classroom spaces will be provided to replace existing open-space classrooms. The school received a full-day kindergarten addition in 2011 that will not be renovated as part of this project. State planning was approved in FY 2018. State and Local construction funds were approved in FY2020 & FY2021. State and local construction funding will be requested in FY2022.

The Judy Center and Alpha Best Education operate programs within the existing school. Cooperative use space will be utilized by the Judy Center for an office at 200 sf and 100 sf storage. Cooperative use space will be utilized by Alpha Best Education in the school for 975 sf and the gym for 1,400 sf. Additionally, the general music classroom located at the front of the school will serve as the designated space for community/evening meetings and is 800 sf. Malcolm Elementary school is not listed as an adjacent school due to distance from the subject school.

Project Location Map

Systemic Renovation – FY2022



Roof Replacement
John Hanson M.S.
Construction

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**
REQUEST TYPE: PLANNING ____ FUNDING **X**
SCHOOL NAME **John Hanson MS - Roof Replacement - Systemic**
FY: **2022** Date Submitted **10/7/20**
ADDRESS **3165 John Hanson Drive, Waldorf, Maryland 20601**
PRIORITY **4** Revised Date

PROJECT TYPE: NEW ____ ADDITION ____ REPLACEMENT ____ RENOVATION ____ LIMITED RENOVATION ____
SYSTEMIC RENOVATIONS **X** STATE-OWNED RELOCATABLES ____
COOPERATIVE USE ____ PROTOTYPE DESIGN ____ COST SHARE % STATE **65%** LOCAL 35%
HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT ____
SCHOOL NUMBER **08.0608** GRADES **6 - 8** SRC **797** PSC NO **08.003**

REQUEST FOR CURRENT FY: **$1,794,000**
TOTAL PRIOR STATE FUNDS:
DATE PLANNING APPROVED:

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS									
FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **39.8** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

			RENOVATED		DEMOLISHED		TOTAL
	Gross SF	Date	Gross SF	Date	Gross SF	Date	Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition		
GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: ____ Enrollment ____
Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

b. State Scope Currently Proposed: 2022 Proposed Enrollment **797**
Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

c. LEA Scope: Proposed Enrollment ____
Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____
Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

4. DESCRIPTION & JUSTIFICATION:

The need is for a systemic renovation at Hanson Middle School. Located in the Waldorf development district, this school opened in 1972. The building was re-roofed in 1995 and the roof is beyond the 20-year warranty and normal life expectancy. The installation of a four-ply, built-up roof with positive drainage or other acceptable roof system be installed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning and design was approved in FY 2018. Local construction funds were approved in FY 2019. State construction funding will be requested in FY 2022.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **John Hanson MS - Roof Replacement - Systemic**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **3165 John Hanson Drive, Waldorf, Maryland 20601**

PRIORITY **4** Revised Date

5. ENROLLMENT PROJECTIONS (Requested and Adjacent Schools)	Year→	***Sept 17, 2020 Telephone Count**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**797**	**857**	**933**	**928**	**984**	**984**	**986**	**952**	**952**	-155
										0
										0
										0
										0
										0
TOTAL:	797	857	933	928	984	984	986	952	952	-155

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

7. EMERGENCY ELECTRICAL POWER:

8. BUDGET:		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 2,760,000	$ 966,000	$ 1,794,000
Site Development	19%	$	$	$
Construction Cost		**$ 2,760,000**	**$ 966,000**	$ **1,794,000**
Contingency	2.5%	$ 88,000	$ 88,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 450,000	$ 450,000	$ N/A
Total		**$ 3,298,000**	**$ 1,504,000**	$ **1,794,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **July 2021** Occupancy Date: **Sept 2022**

1st Inspection

ROOF INSPECTION/SURVEY FORM

(FILL OUT FOR EACH LEVEL OF BUILDING)

SCHOOL: Hanson-33 (Main Building) EQUIP. NO. _____

LEVEL _____ ROOF DECK metal

ROOF TYPE: BUR ✓ EPDM ____ SHINGLE ____ METAL ____ SLATE ____ OTHER cap sheet

WATERTIGHTNESS: NO LEAKS ____ LEAKS EVERY RAIN ____ LEAKS ONLY DURING HIGH WINDS AND RAIN ✓ LEAKS ONLY OCCASSIONALLY ✓

CONDITION OF ROOF: (Indicate condition 1 Poor to 4 Excellent)

BLISTERS 3 RIDGES 3 SPLITS 3 EXPOSED FELTS 3 ERODED FELTS 3

DRAINS 3 ALLIGATORING 3 GRAVEL STOP 3 DEBRIS/VEGETATION 3

PUNCTURES 3 SEAM SEPARATION 3 PONDING WATER 3 PITCH PANS 3

EXPANSION JOINT 3 PARAPET CAP 3 PARAPET METAL 3 GUTTERS 3

DOWNSPOUT 3 COUNTER FLASHING 3 DRAIN STRAINER 3

INSULATION: YES ✓ NO ____ TYPE/CONDITION: Fiberboard

ADDITIONAL INFORMATION: Standard P.M needs continuing

OVERALL ROOF CONDITION 3 (1 Poor to 4 Excellent)

PHOTOGRAPHIC/VIDEO RECORD: YES ____ NO ✓ IDENTIFY THE AREA BEING SHOWN, THE ITEM, AND THE DATE.

ROOF PLAN: Draw a roof plan on the reverse side. Following the key provided show the location of all problem areas found. Also, note any changes to roof since it was first completed.

INSPECTED BY: P. Ryal DATE: 6-22-20

ROOF INSPECTION/SURVEY FORM

(FILL OUT FOR EACH LEVEL OF BUILDING)

SCHOOL: Hanson-33 (Main Building) EQUIP. NO. _____

LEVEL _____ ROOF DECK metal

ROOF TYPE: BUR____ EPDM____ SHINGLE____ METAL____ SLATE____ OTHER Singly granule

WATERTIGHTNESS: NO LEAKS____ LEAKS EVERY RAIN____ LEAKS ONLY DURING HIGH WINDS AND RAIN____ LEAKS ONLY OCCASSIONALLY ✓

CONDITION OF ROOF: (Indicate condition 1 Poor to 4 Excellent)

BLISTERS 3 RIDGES 3 SPLITS 3 EXPOSED FELTS 3 ERODED FELTS 3

DRAINS 3 ALLIGATORING 3 GRAVEL STOP — DEBRIS/VEGETATION 3

PUNCTURES 3 SEAM SEPARATION 3 PONDING WATER 3 PITCH PANS —

EXPANSION JOINT 3 PARAPET CAP 3 PARAPET METAL 3 GUTTERS 3

DOWNSPOUT 3 COUNTER FLASHING 3 DRAIN STRAINER 3

INSULATION: YES ✓ NO____ TYPE/CONDITION: Fiber board

ADDITIONAL INFORMATION: _____

OVERALL ROOF CONDITION 3 (1 Poor to 4 Excellent)

PHOTOGRAPHIC/VIDEO RECORD: YES____ NO ✓ IDENTIFY THE AREA BEING SHOWN, THE ITEM, AND THE DATE.

ROOF PLAN: Draw a roof plan on the reverse side. Following the key provided show the location of all problem areas found. Also, note any changes to roof since it was first completed.

INSPECTED BY: [illegible] DATE: 11-9-19

ROOF INSPECTION/SURVEY FORM

(FILL OUT FOR EACH LEVEL OF BUILDING)

SCHOOL: Hanson-33 (Main Building) EQUIP. NO. ____

LEVEL ____ ROOF DECK Metal

ROOF TYPE: BUR ✓ EPDM ____ SHINGLE ____ METAL ____ SLATE ____ OTHER ____

WATERTIGHTNESS: NO LEAKS ____ LEAKS EVERY RAIN ____ LEAKS ONLY DURING HIGH WINDS AND RAIN ____ LEAKS ONLY OCCASSIONALLY ✓

CONDITION OF ROOF: (Indicate condition 1 Poor to 4 Excellent)

BLISTERS 1 RIDGES 1 SPLITS 1 EXPOSED FELTS 2 ERODED FELTS 2

DRAINS 2 ALLIGATORING 1 GRAVEL STOP ____ DEBRIS/VEGETATION 2

PUNCTURES 2 SEAM SEPARATION 1 PONDING WATER 1 PITCH PANS 1

EXPANSION JOINT 1 PARAPET CAP 2 PARAPET METAL 2 GUTTERS 1

DOWNSPOUT 1 COUNTER FLASHING 1 DRAIN STRAINER 2

INSULATION: YES ✓ NO ____ TYPE/CONDITION: Fiberboard fair condition

ADDITIONAL INFORMATION: reported leaks around rooftop units

OVERALL ROOF CONDITION 1 (1 Poor to 4 Excellent)

PHOTOGRAPHIC/VIDEO RECORD: YES ____ NO ✓ IDENTIFY THE AREA BEING SHOWN, THE ITEM, AND THE DATE.

ROOF PLAN: Draw a roof plan on the reverse side. Following the key provided show the location of all problem areas found. Also, note any changes to roof since it was first completed.

INSPECTED BY: [signature] DATE: 5/31/18

JOHN HANSON MIDDLE SCHOOL

ROOF SYSTEM STUDY - SUMMARY REPORT (John Hanson Middle School)	
Building Name/Address:	John Hanson Middle School 3165 John Hanson Drive Waldorf, MD 20601
Personnel/Survey Dates:	R. Thomas Brown & Larry Vanderpool/ November 14, 2016
Approximate Roof Age:	22+ years
Typical Roof Configuration:	Built-Up Roof and Modified Bitumen Capsheet
Approximate Roof Area	110,000+ sf
Roof Deck Type:	Steel deck
Roof Leak History:	Numerous active leaks reported by school staff- adjacent to North entrance storefront, inside building service room (North), inside Art 2 Room and at hallway wall outside Gymnasium.

OVERALL ROOF SYSTEM CONDITIONS:

The existing built-up roof with modified bitumen capsheet roof system is in failed condition due to severe deterioration of the modified bitumen cap sheet membrane and significantly large number of defects noted.

ROOF COMPONENT CONDITIONS:

Modified Bitumen Capsheet Roof Membrane: The black granular surfaced modified bitumen cap sheet membrane is in failed condition with severe deterioration, shrinkage, cracks, embrittlement and loss of granular surfacing throughout the entire roof system. Defects noted include large fishmouths, mole runs, isolated large blisters and alligatoring at locations of exposed asphalt. Many of the defects noted allow moisture into the roofing system. The cap sheet membrane has failed most likely due to excessive shrinkage from exposure to U.V. and heat from the black surfacing. The cap sheet membrane is in generally much worse condition than is typically seen in cap sheet roof membranes at this age.

Base Flashings/Edge Strippings/Roof Penetration Flashings: The black granular surfaced modified bitumen base flashings and roof penetration flashings are in very poor condition. Gale observed significant surface cracking, loss of granular surfacing, embrittlement and isolated blisters throughout. Isolated base flashing laps were open to moisture infiltration.

Sheet Metal: The lead coated copper (LCC) coping, raised edge metal, gutters and downspouts are in relatively good condition with only isolated damage and minor areas of ponding water on the coping. The lead coated copper flashings appear to be performing well, especially in comparison to the cap

JOHN HANSON MIDDLE SCHOOL

sheet installed at the same time. The kynar coated steel counterflashings around the large HVAC units and below the wall panels are in fair condition.

Drainage System: The roof drainage system is generally fair. Sections of steep slope roof in the center of the building drain onto adjacent low sloped roof sections and to roof drains. The low-sloped sections have minimal slope (1/8-inch per foot) and there is evidence of ponding water in some locations. Steep sloped sections around the perimeter of the building drain to perimeter internal roof drains or to gutter and downspouts. Perimeter roof drains at the base of steep sloped roof sections are installed two feet upslope of the low point in the roof system, creating ponding water between roof drains. Overflow drainage is accomplished with an edge detail at perimeter steep slope sections. The center sections of the building do not have secondary overflow roof drainage provisions.

OTHER ROOFTOP COMPONENT CONDITIONS:

Batten Seam Metal Wall Panels: Rising walls at roof level are covered with batten seam metal wall panels. They are in generally fair condition, however the bottom closure flashing slopes back towards the building instead of shedding water and this could be a source of moisture at laps in the flashing.

Clerestory Windows: The large clerestory windows at roof level are in generally poor condition. Gale noted displaced rubber gaskets at the glazing/mullion interface. The exterior sealant joints around the window perimeter and sill are severely deteriorated, and the additional sealant applications are most likely the result of attempts to stop past leaks at this location.

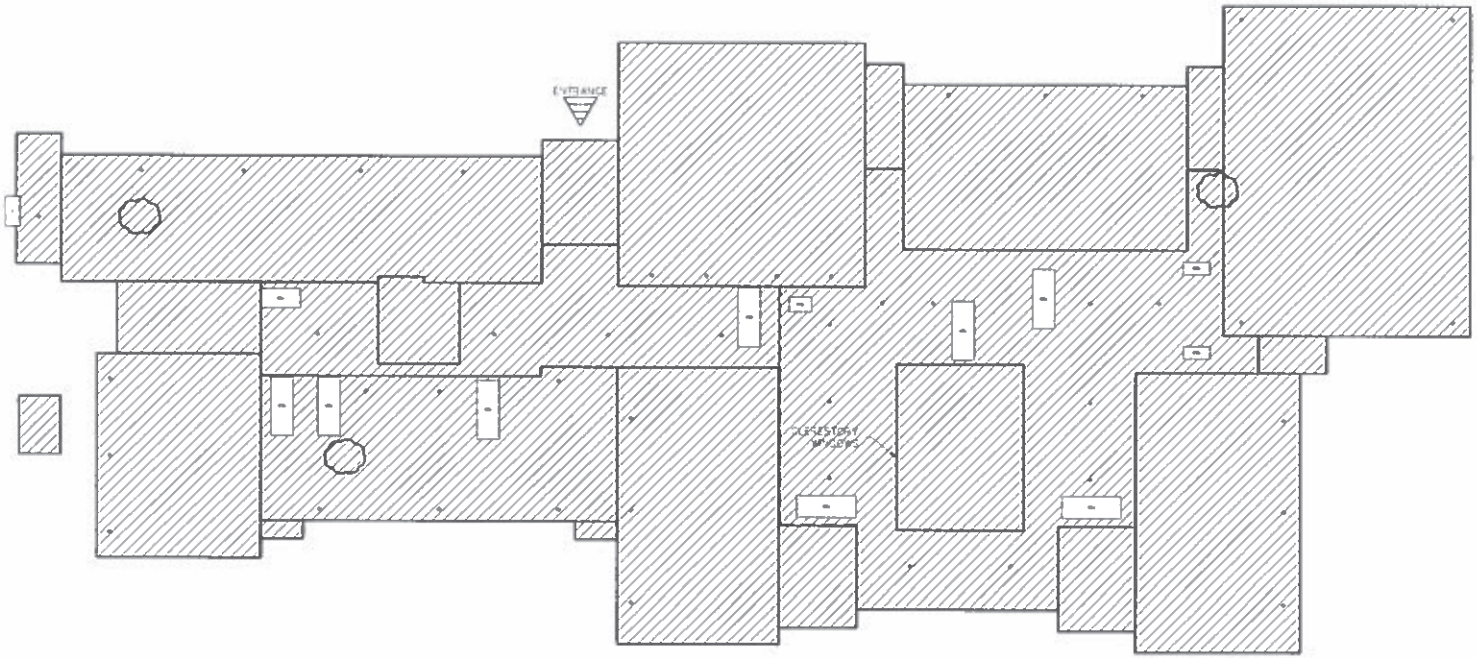
RECOMMENDATIONS:

Due to the severity of the deterioration of the existing cap sheet membrane and large number of defects noted that have the potential to leak, Gale recommends the existing modified bitumen roof system be removed and replaced within 1-2 years. Gale recommends CCPS consider design and installation of a new 3-ply built up roof with a granular surfaced modified bitumen cap sheet and white elastomeric top coating with a twenty-five-year roof manufacturer's system warranty. In addition, Gale recommends removal and replacement of the batten seam metal wall panels and the installation of flush seam or thin composite wall panels concurrent with the roof replacement project.

Remaining Built-up Roof and Modified Bitumen Capsheet Roof Service Life (Main Roof): 1-2 years			
Estimated Annual Maintenance and Emergency Leak Repair Costs:	$35,000	To	$50,000
Estimated Built-up Roof and Modified Bitumen Capsheet Replacement Costs:	$1.9 million	To	$2.3 million
Recommended Contingency (10%):	$190,000	To	$230,000
Engineering, Design and Construction Admin. Budget (10%):	$190,000	To	$230,000

JOHN HANSON MIDDLE SCHOOL

Estimated Total Roof Replacement Budget:	$2.28 million	To	$2.76 million
Estimated costs are based on current per square feet unit pricing. Actual costs may vary greatly depending on the year in which work is performed, actual work to be performed, final scope of work, material selection, and the bidding climate.			



LEGEND

BUILT-UP ROOF WITH MODIFIED BITUMEN CAP SHEET (1994)

APPROXIMATE LOCATION OF REPORTED ROOF LEAKS

GALE

Gale Associates, Inc.
Engineers Architects Planners

1123 Kenilworth Drive Suite 200
Towson Md 21204-2143
P 443-279-5000 F 443-279-5008
www.gale.com

Boston Baltimore Orlando San Francisco

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PROJECT

ROOF SURVEY
JOHN HANSON MIDDLE SCHOOL
3165 JOHN HANSON DRIVE
WALDORF, MD. 20601

OWNER

CHARLES COUNTY PUBLIC SCHOOLS
9034 FORT SMALLWOOD ROAD

NO	DATE	DESCRIPTION	BY

PROJECT NO.	655830
CADD FILE	John Hanson MS
DESIGNED BY	RTS
DRAWN BY	DRN
CHECKED BY	
DATE	1/3/2017
DRAWING SCALE	NTS

GRAPHIC SCALE

SHEET TITLE

ROOF AREA PLAN

NORTH

DRAWING NO.

A-101

PHOTOGRAPHIC DOCUMENTATION

Photo 1: Overall view – Built-up roof with modified bitumen capsheet – Failed condition

Photo 2: Extensive mole runs (ridges), fishmouths (lap openings) and blisters throughout the roof

PHOTOGRAPHIC DOCUMENTATION

Photo 3: Capsheet severely deteriorated – shrinkage, cracks and embrittlement

Photo 4: Base flashings severely deteriorated – surface cracks, blisters and embrittlement

PHOTOGRAPHIC DOCUMENTATION

Photo 5: Edge strippings severely deteriorated – slippage, shrinkage and embrittlement

Photo 6: Clerestory windows – Poor – displaced, deteriorated glazing gaskets, failed exterior sealants.

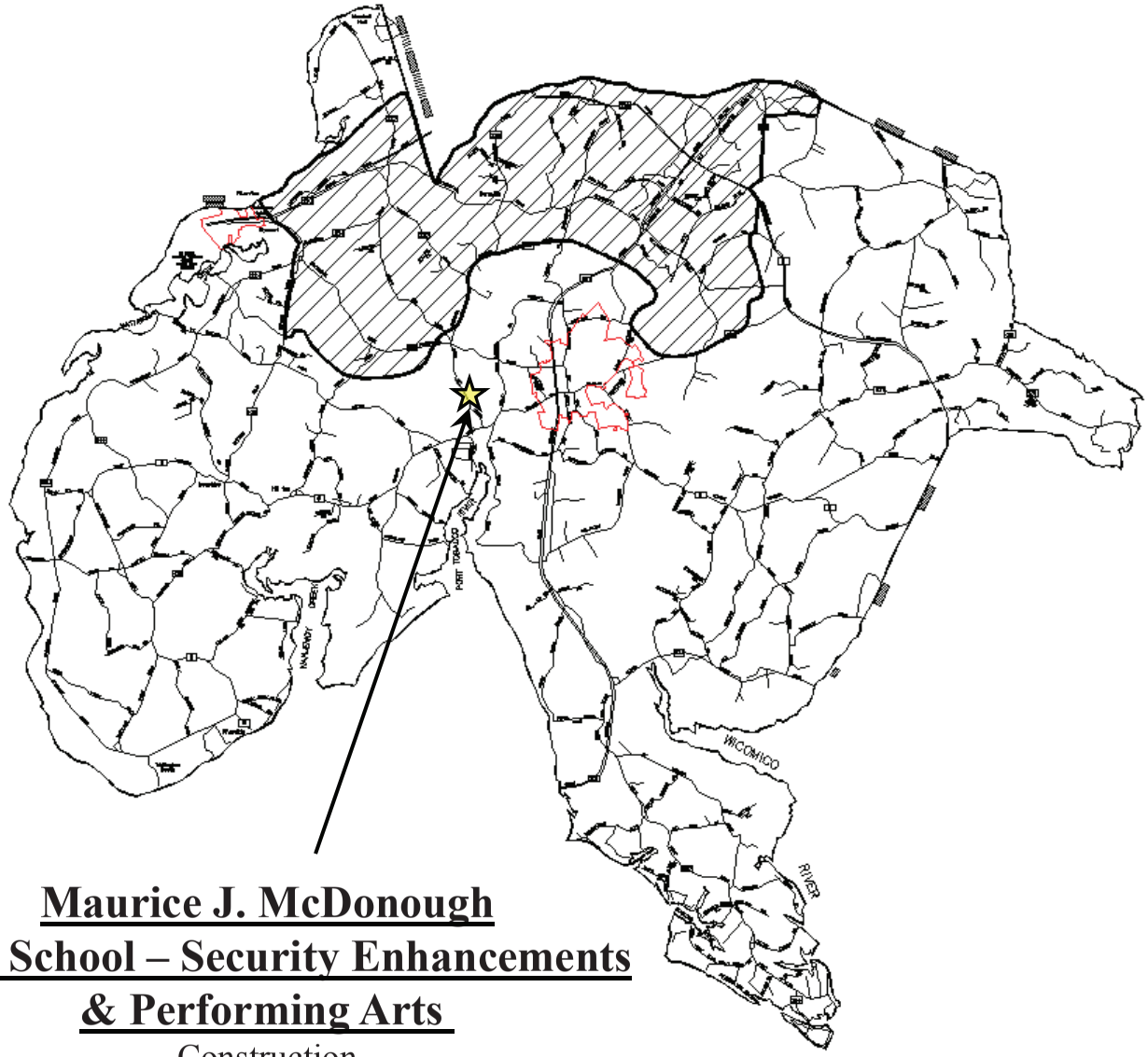
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF REPLACEMENT AT JOHN HANSON MIDDLE SCHOOL

The need is for a systemic renovation at John Hanson Middle School. Located in the Waldorf development district, this school opened in 1972 and is the oldest operating middle school in Charles County. The building was re-roofed in 1995 and will have reached its expected 20-year life by FY 2020. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning was approved in FY 2018. Local construction funds were approved in FY 2019. State construction funding will be requested in FY2022.

Project Location Map

Modernization – FY2022



<u>Maurice J. McDonough</u>
<u>High School – Security Enhancements</u>
<u>& Performing Arts</u>
Construction

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Maurice J. McDonough HS - Preforming Arts & Security Enhancements**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **7165 Marshall Corner Road, Pomfret, Maryland 20675**

PRIORITY **5** Revised Date ____

PROJECT TYPE: NEW ____ ADDITION **X** REPLACEMENT ____ RENOVATION **X** LIMITED RENOVATION ____

SYSTEMIC RENOVATIONS ____ STATE-OWNED RELOCATABLES ____

COOPERATIVE USE ____ PROTOTYPE DESIGN ____ COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT **X**

SCHOOL NUMBER **08.0108** GRADES **9 - 12** SRC **1,164** PSC NO **08.009**

REQUEST FOR CURRENT FY: **$4,550,000**

TOTAL PRIOR STATE FUNDS: **$0**

DATE PLANNING APPROVED: **5/31/2018**

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$7,049,000	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **50.0** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA ____ Water ____ Sewer **X**

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: **2019** Enrollment **1,250**

Gross Square Footage: New ____ Addition **12,000** Renovation 25,000 Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

b. State Scope Currently Proposed: 2022 Proposed Enrollment **1,250**

Gross Square Footage: New ____ Addition **12,757** Renovation 37,207 Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

c. LEA Scope: Proposed Enrollment **1,250**

Gross Square Footage: New ____ Addition **12,757** Renovation 37,207 Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

4. DESCRIPTION & JUSTIFICATION:

The need is for renovation at McDonough High School, which was built in 1977 and serves a portion of the development district. The proposed project will include an elevator for accessibility, a secure building entrance vestibule, relocation of the Administration Suite into existing area at the front of the building for supervision, entry control, and security, renovation and expansion of the existing preforming arts areas to meet current program requirements. Adjacent schools are overcrowded and redistricting will be necessary. Local funding to initiate planning and design was approved in FY 2018. Partial Local construction funds were approved in FY 2020 and FY 2021. State construction funding will be requested in FY 2022 and FY2023.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Maurice J. McDonough HS - Preforming Arts & Security Enhancements**

FY: **2022**

Date Submitted **10/7/20**

ADDRESS **7165 Marshall Corner Road, Pomfret, Maryland 20675**

PRIORITY **5**

Revised Date

5. ENROLLMENT PROJECTIONS (Requested and Adjacent Schools)	Year→	***Sept 17, 2020 Telephone Count**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**1,164**	**1,007**	**973**	**1,020**	**1,014**	**1,010**	**999**	**1,033**	**1,034**	130
Henry E. Lackey HS	**1,444**	**1,031**	**1,056**	**1,093**	**1,083**	**1,079**	**1,065**	**1,098**	**1,100**	344
La Plata HS	**Used under Priority #13**									0
North Point HS	**1,565**	**1,814**	**1,883**	**1,915**	**1,905**	**1,902**	**1,888**	**1,923**	**1,927**	-362
St. Charles HS	**1,511**	**1,402**	**1,553**	**1,623**	**1,607**	**1,605**	**1,582**	**1,655**	**1,665**	-154
Westlake HS	**1,246**	**1,146**	**1,277**	**1,345**	**1,328**	**1,323**	**1,298**	**1,369**	**1,376**	-130
TOTAL:	6,930	6,400	6,742	6,996	6,937	6,919	6,832	7,078	7,102	-172

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

There is no walking zone for this school and 100% of the population is served by busses and cars.

7. EMERGENCY ELECTRICAL POWER:

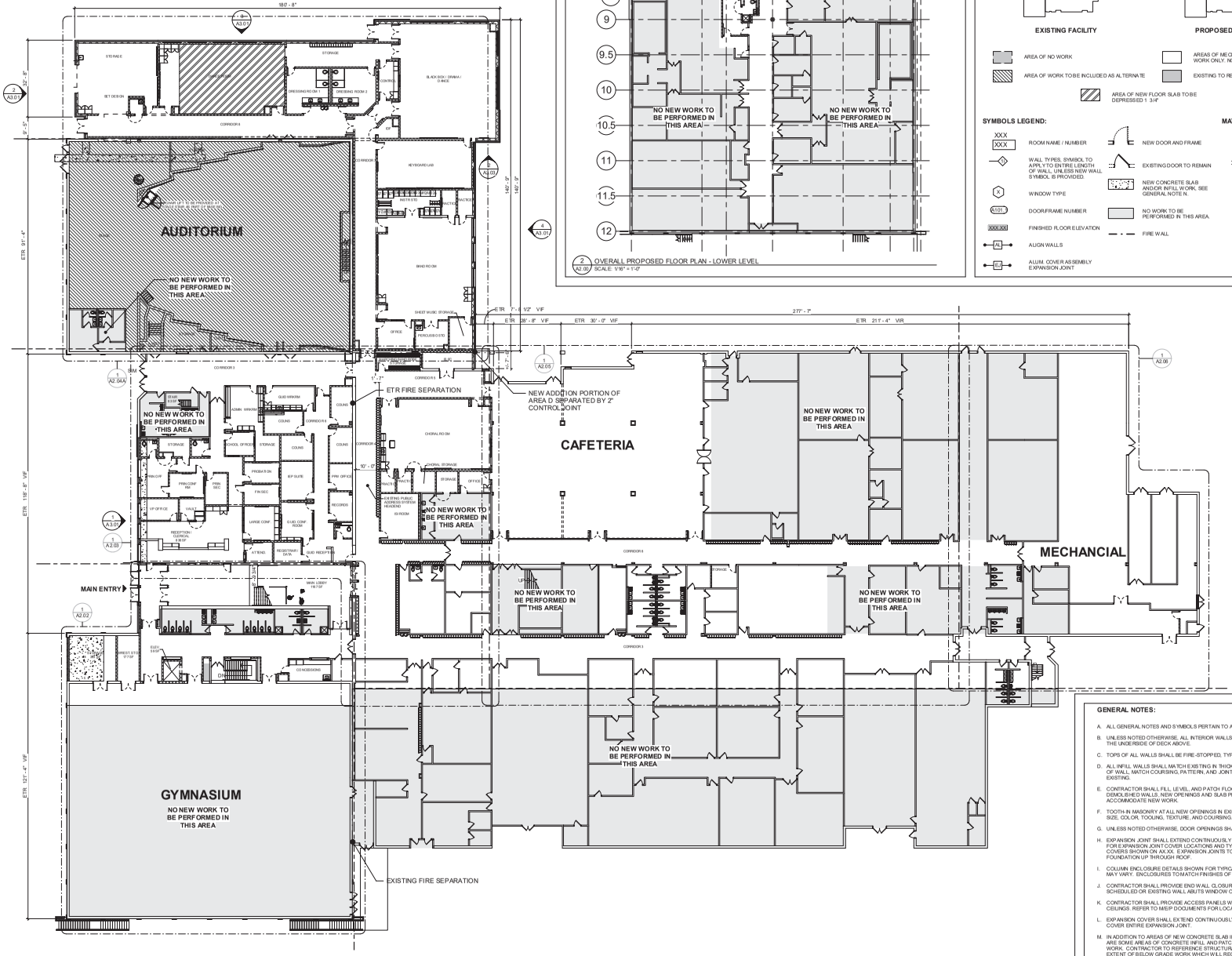
Entering an X in the Electrical Upgrade/replacement field above indicates that this project involves replacement of the electrical system or upgrade to the electrical capacity. What is the status of the Shelter Compliance process?

Charles County Department of Emergency Serivces has provided a letter dated September 27, 2019 stating that this school will not be used as a shelter. The project is exempt from the Emergency Shelter Compliance process.

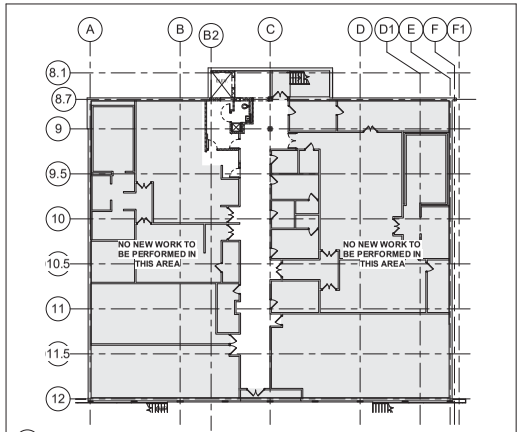
8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 16,436,000	$ 5,753,000	$ 10,683,000
Site Development	5/19%	$ 1,409,000	$ 493,000	$ 916,000
Construction Cost		**$ 17,845,000**	**$ 6,246,000**	$ **11,599,000**
Contingency	2.5%	$ 500,000	$ 500,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 1,600,000	$ 1,600,000	$ N/A
Total		**$ 19,945,000**	**$ 8,346,000**	$ **11,599,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022 & 2023** Bid **July 2021** Occupancy Date: **Sept 2023**

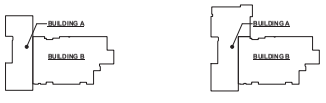


1 A2.00 OVERALL PROPOSED FLOOR PLAN - ENTRY LEVEL
SCALE 1/16" = 1'-0"



2 A2.00 OVERALL PROPOSED FLOOR PLAN - LOWER LEVEL
SCALE 1/16" = 1'-0"

PROPOSED CODE ANALYSIS LEGEND



EXISTING FACILITY — PROPOSED FACILITY

- AREA OF NO WORK
- AREA OF WORK TO BE INCLUDED AS ALTERNATE
- AREAS OF MECHANICAL/ELECTRICAL/PLUMBING WORK ONLY. NO RENOVATION
- EXISTING TO REMAIN ROOF
- AREA OF NEW FLOOR SLAB TO BE DEPRESSED 1 3/4"

SYMBOLS LEGEND:

- XXX / XXX — ROOM NAME / NUMBER
- WALL TYPES, SYMBOL TO APPLY TO ENTIRE LENGTH OF WALL, UNLESS NEW WALL SYMBOL IS PROVIDED
- X — WINDOW TYPE
- A101 — DOOR/FRAME NUMBER
- XXX.XX — FINISHED FLOOR ELEVATION
- AL — ALUGN WALLS
- EJ — ALUM. COVER ASSEMBLY EXPANSION JOINT
- NEW DOOR AND FRAME
- EXISTING DOOR TO REMAIN
- NEW CONCRETE SLAB AND/OR INFILL WORK, SEE GENERAL NOTE N.
- NO WORK TO BE PERFORMED IN THIS AREA
- FIRE WALL

MATERIALS LEGEND:

- EXISTING WALLS TO REMAIN
- NEW INFILL IN EXISTING WALLS
- NEW CMU WALL
- NEW CMU/BRICK CAVITY WALL WITH SPRAY INSULATION
- NEW WINDOW

GENERAL NOTES:

A. ALL GENERAL NOTES AND SYMBOLS PERTAIN TO ALL NEW CONSTRUCTION PLANS.

B. UNLESS NOTED OTHERWISE, ALL INTERIOR WALLS AND PARTITIONS SHALL EXTEND TO THE UNDERSIDE OF DECK ABOVE.

C. TOPS OF ALL WALLS SHALL BE FIRE-STOPPED, TYPICAL.

D. ALL INFILL WALLS SHALL MATCH EXISTING IN THICKNESS, AND ALIGN WITH BOTH FACES OF WALL, MATCH COURSING, PATTERN, AND JOINT PROFILE, TOOTH-IN NEW CMU WITH EXISTING.

E. CONTRACTOR SHALL FILL, LEVEL, AND PATCH FLOORING AT LOCATIONS OF DEMOLISHED WALLS, NEW OPENINGS AND SLAB PENETRATIONS, AS REQUIRED TO ACCOMMODATE NEW WORK.

F. TOOTH-IN MASONRY AT ALL NEW OPENINGS IN EXISTING WALLS TO MATCH EXISTING IN SIZE, COLOR, TOOLING, TEXTURE, AND COURSING.

G. UNLESS NOTED OTHERWISE, DOOR OPENINGS SHALL BE SET 4" OFF ADJACENT WALLS.

H. EXPANSION JOINT SHALL EXTEND CONTINUOUSLY FROM FOOTING TO ROOF. SEE AX.XX FOR EXPANSION JOINT COVER LOCATIONS AND TYPE. CEILING EXPANSION JOINT COVERS SHOWN ON AX.XX. EXPANSION JOINTS TO BE CONTINUOUS FROM FOUNDATION UP THROUGH ROOF.

I. COLUMN ENCLOSURE DETAILS SHOWN FOR TYPICAL SITUATIONS ONLY. CONDITIONS MAY VARY. ENCLOSURES TO MATCH FINISHES OF ADJACENT WALLS.

J. CONTRACTOR SHALL PROVIDE END WALL CLOSURE AS REQUIRED AT WHERE SCHEDULED OR EXISTING WALL ABUTS WINDOW OPENING.

K. CONTRACTOR SHALL PROVIDE ACCESS PANELS WHERE REQUIRED IN WALLS AND CEILINGS. REFER TO M/E/P DOCUMENTS FOR LOCATIONS OF ACCESS PANELS.

L. EXPANSION COVER SHALL EXTEND CONTINUOUSLY FROM FLOOR TO DECK ABOVE AND COVER ENTIRE EXPANSION JOINT.

M. IN ADDITION TO AREAS OF NEW CONCRETE SLAB INDICATED BELOW, **NOT** INDICATED ARE SOME AREAS OF CONCRETE INFILL AND PATCHING RELATED TO BELOW GRADE WORK. CONTRACTOR TO REFERENCE STRUCTURAL AND M/E/P DRAWINGS FOR EXTENT OF BELOW GRADE WORK WHICH WILL REQUIRE SLAB DEMOLITION AND INFILL. PROVIDE NEW SLAB INFILL PER STRUCTURAL DETAILS AT ALL LOCATIONS WHERE EXISTING SLAB IS REMOVED FOR M/E/P OR STRUCTURAL WORK, U.N.O.

ARCHITECT

SMOLEN • EMH FILKOVITCH ARCHITECTS
9211 CORPORATE BLVD, SUITE 340
ROCKVILLE, MD 20850
301-770-0177(P) 301-330-3224(F)

CIVIL
MK CONSULTING ENGINEERS
3300 CLIPPER MILL ROAD, SUITE 201
BALTIMORE, MD 21211
667-309-8159(P)

STRUCTURAL
ADTEK
150 South East Street Suite 201
Frederick, MD 21701
301-662-4408

MECH./ELECTRICAL/PLUMBING
BKM & ASSOCIATES
6300 Blair Hill Lane, Suite 400,
Baltimore, MD, 21209
410-323-0600(P.)

INFORMATION TECHNOLOGY EDUCATIONAL SYSTEMS PLANNING
49 OLD SOLOMONS ISLAND ROAD
ANNAPOLIS, MD 21401
410-573-9148 (P)

ACOUSTICS
ACOUSTICAL DESIGN COLLABORATIVE LTD
7509 L'HIRONDALE CLUB ROAD
RUXTON, MD 21204
410-821-1930(P)

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional architect under the laws of the State of Maryland, License No.: 16066, Expiration Date: 1/6/2020.

PROFESSIONAL SEAL:

PRINTS ISSUED

NO:	DESCRIPTION:	DATE:
1	PROGRESS SET #1	05/03/2019
2	PROGRESS SET #2	05/24/2019
3	PROGRESS SET #3	06/14/2019
4	DD SET (50% CD)	07/05/2019
5	PROGRESS SET#5	07/26/2019
6	DD PRICING SET	08/05/2019
7	PROGRESS SET #7	08/30/2019

MAURICE J. MCDONOUGH HIGH SCHOOL PREF. ARTS ADDITION & RENOVATION

CHARLES COUNTY PUBLIC SCHOOLS

SHEET TITLE:
OVERALL PROPOSED ENTRY & LOWER LEVELS FLOOR PLAN

PROJECT NO: 18012.00
DATE: 08/30/2019
SCALE: As indicated
SHEET NO: A2.00

WORKING NORTH

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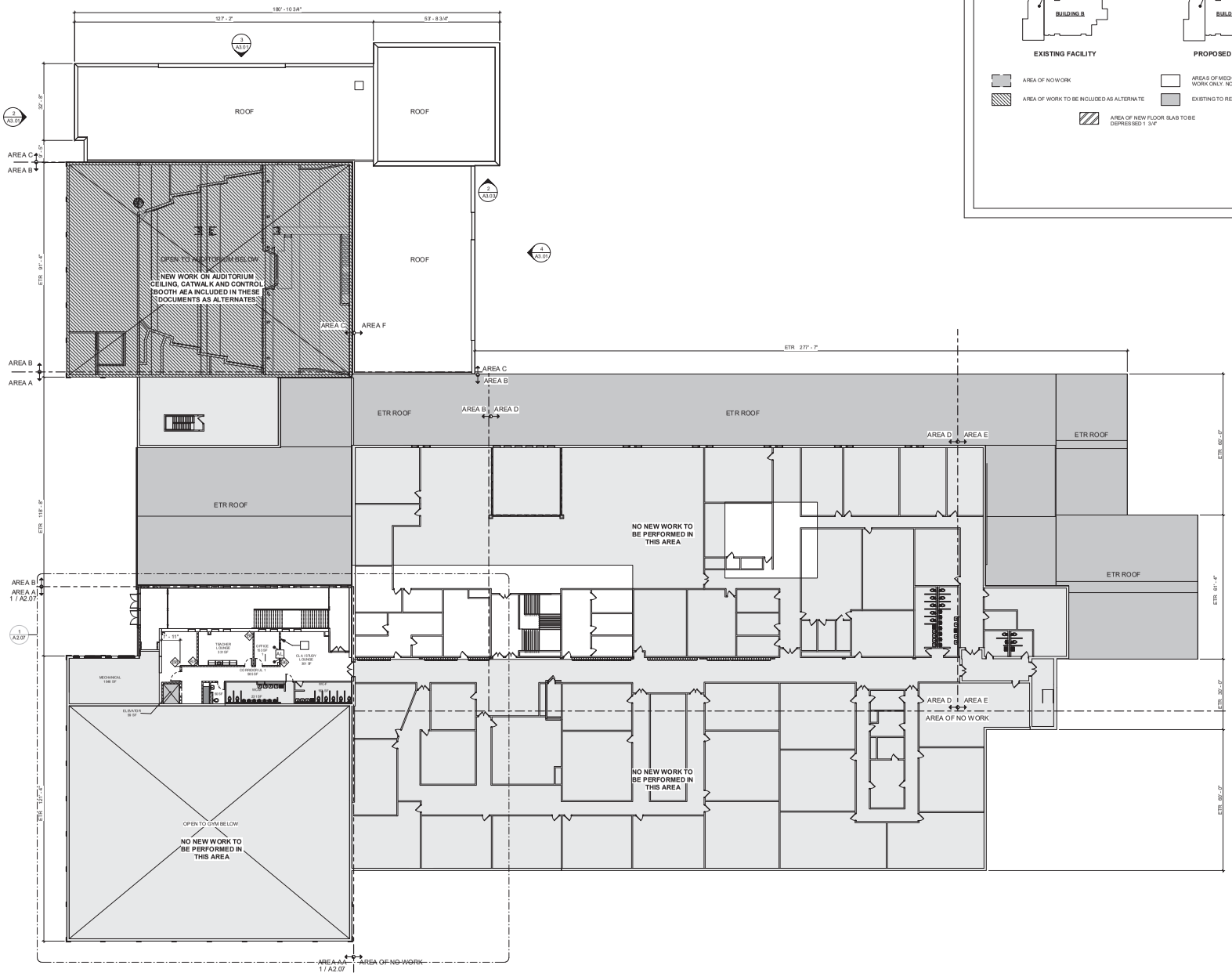

1 OVERALL PROPOSED FLOOR PLAN - UPPER LEVEL
A2.00A SCALE: 1/16" = 1'-0"

ARCHITECT

SMOLEN • EMR • ILKOVITCH ARCHITECTS
9211 CORPORATE BLVD, SUITE 340
ROCKVILLE, MD 20850
301-770-0177(P) 301-330-3224(F)

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3300 CLIPPER MILL ROAD, SUITE 201
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667-309-6159(P)

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410-573-9148 (P)

ACOUSTICS
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RUXTON, MD 21204
410-821-5800(P)

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4	DD SET (50% CD)	07/05/2019
5	PROGRESS SET# 5	07/26/2019
6	DD PRICING SET	08/05/2019
7	PROGRESS SET #7	08/30/2019

MAURICE J. MCDONOUGH HIGH SCHOOL PREF. ARTS ADDITION & RENOVATION

CHARLES COUNTY PUBLIC SCHOOLS

SHEET TITLE:
OVERALL PROPOSED UPPER FLOOR PLAN

PROJECT NO: 15012.00
DATE: 08/30/2019
SCALE: As indicated
SHEET NO: A2.00A

WORKING NORTH

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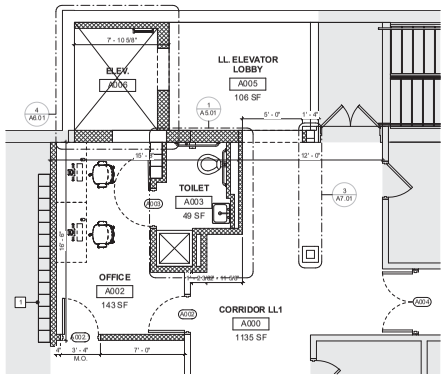
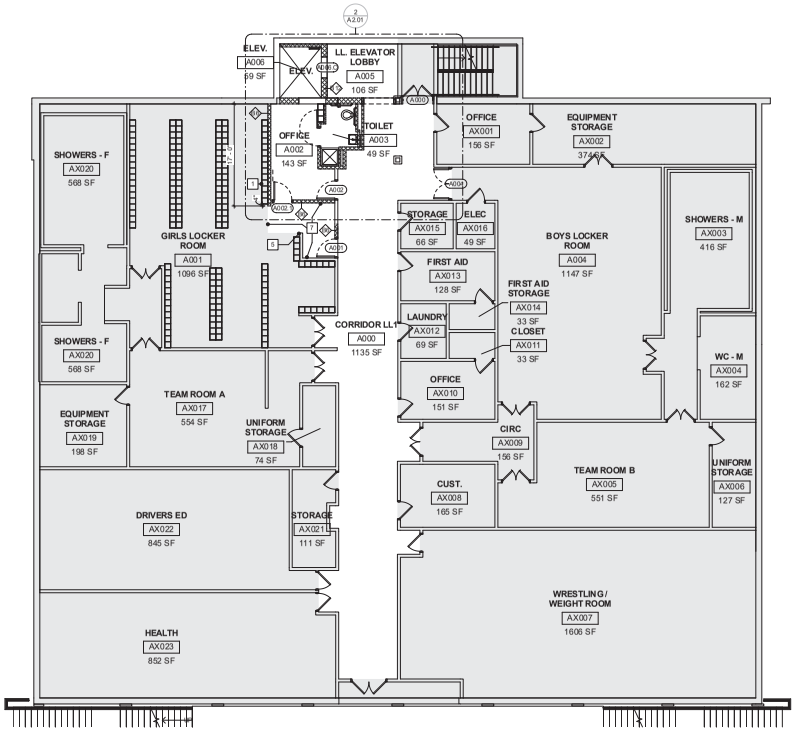


2 A2.01 PROPOSED PLAN - LOWER LEVEL - ELEVATOR, STAIR, & CORRIDOR
SCALE: 1/4" = 1'-0"



1 A2.01 PROPOSED PLAN - LOWER LEVEL - AREA AAA
SCALE: 1/8" = 1'-0"

SYMBOLS LEGEND:

- XXX / XXX — ROOM NAME / NUMBER
- X — WALL TYPES, SYMBOL TO APPLY TO ENTIRE LENGTH OF WALL, UNLESS NEW WALL SYMBOL IS PROVIDED.
- X — WINDOW TYPE
- X.01 T — DOOR/FRAME NUMBER
- XXX.XX — FINISHED FLOOR ELEVATION
- AL — ALIGN WALLS
- EJ — ALUM. COVER ASSEMBLY EXPANSION JOINT
- NEW DOOR AND FRAME
- EXISTING DOOR TO REMAIN
- NEW CONCRETE SLAB AND/OR INFILL WORK, SEE GENERAL NOTE N.
- NO WORK TO BE PERFORMED IN THIS AREA.
- AREA OF NEW FLOOR SLAB TO BE DEPRESSED 1 3/4"
- FIRE WALL

MATERIALS LEGEND:

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- NEW INFILL IN EXISTING WALLS
- NEW CMU WALL
- NEW CMU/BRICK CAVITY WALL WITH SPRAY INSULATION
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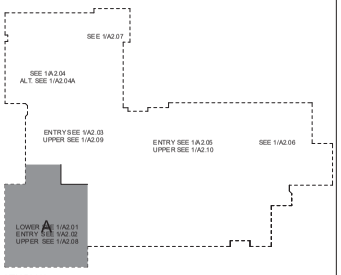
KEY NOTES:

1. PROVIDE CLEAN FINISHED FACE TO PATCH EXISTING ON NEW END OF LOCKER RUN (AFTER DEMOLITION). NEW WALL TO EXTEND AT LEAST 2" BEYOND REAL FACE OF EXISTING TO REMAIN LOCKERS.
2. EXISTING HOLLOW METAL DOOR FRAME TO REMAIN. DOOR SWING TO BE REVERSED AND NEW DOORS TO BE PROVIDED WITH PANIC HARDWARE (SEE DOOR SCHEDULE) EXISTING TO REMAIN HOLLOW METAL FRAME TO BE MODIFIED IN FIELD TO ACCOMODATE PROPOSED CONDITION.
3. CONTRACTOR TO PROVIDE CHAIR LIFT B.O.D. SEE STRUCTURAL FOR SUPPORT DETAILS INSTALL PER MANUFACTURER RECOMMENDATIONS.
4. NO NEW ARCHITECTURAL WORK IN THIS AREA SEE MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS FOR ABOVE CEILING WORK IN THIS AREA.
5. CONTRACTOR TO TOOTH-IN BULL NOSED CMU TO .....
6. WINDOW TO BE INFILLED WITH EXISTING SALVAGED BRICK
7. PROVIDE NEW V.C.T. FLOORING AND BASE AT EXPANDED AREA OF GIRLS LOCKER ROOM AND WHERE WALLS WERE REMOVED.
8.
9. NEW GYPSUM WALL BASE ASSEMBLY BULKHEAD TO BE PROVIDED AT THIS LOCATION TO CLOSE OFF EXISTING CEILING SEE DETAIL X/AX.XXX



KEY PLAN
SCALE : N.T.S.

ARCHITECT
SEI SMOLEN • EMH / ILKOVITCH ARCHITECTS
9211 CORPORATE BLVD, SUITE 340
ROCKVILLE, MD 20850
301-770-9170(P) 301-330-3234(F)

CIVIL
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3300 CLIPPER MILL ROAD, SUITE 201
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ADTEK
190 South East Street Suite 201
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BKM & ASSOCIATES
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ANNAPOLIS, MD 21401
410-573-9148 (P)

ACOUSTICS
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7509 LYHRONDALE CLUB ROAD
RUXTON, MD 21204
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Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional architect under the laws of the State of Maryland, License No.: 16066, Expiration Date: 1/6/2020.

PROFESSIONAL SEAL:

PRINTS ISSUED

NO:	DESCRIPTION:	DATE:
1	PROGRESS SET #1	05/03/2019
2	PROGRESS SET #2	05/24/2019
3	PROGRESS SET #3	06/14/2019
4	DD SET (90% CD)	07/05/2019
5	PROGRESS SET 5	07/26/2019
6	CD PRICING SET	08/05/2019
7	PROGRESS SET #7	08/30/2019

MAURICE J. MCDONOUGH HIGH SCHOOL PREF. ARTS ADDITION & RENOVATION

CHARLES COUNTY PUBLIC SCHOOLS

SHEET TITLE:
LOWER LEVEL PROPOSED - AREA A

PROJECT NO: 18012.00
DATE: 08/30/2019
SCALE: As indicated
WORKING NORTH

SHEET NO:
A2.01

9/26/2019 4:13:17 PM

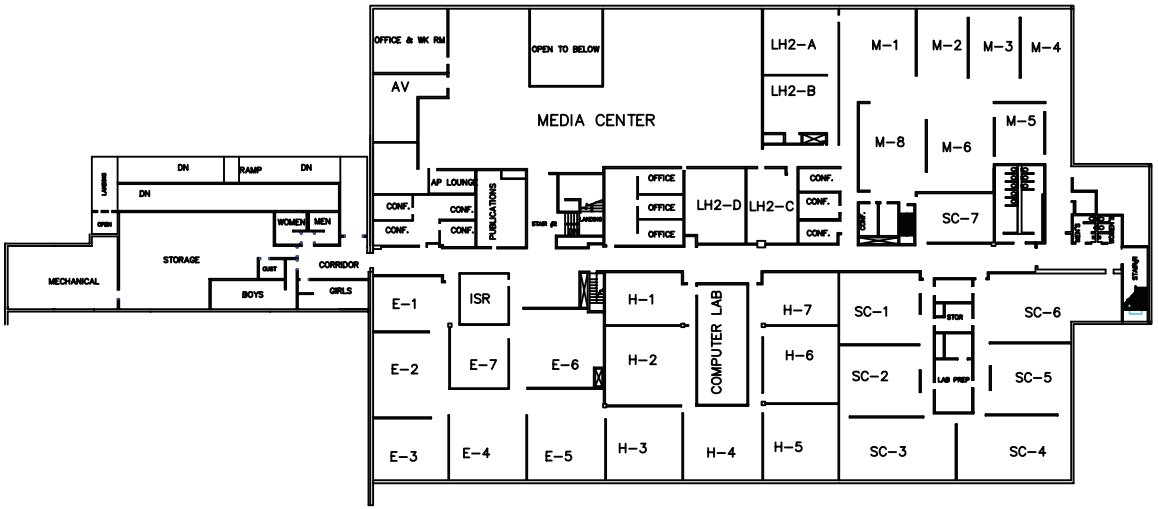
FIRST FLOOR PLAN

BASEMENT FLOOR PLAN

CHARLES COUNTY PUBLIC SCHOOLS
PLANNING & CONSTRUCTION DEPARTMENT
LAPLATA, MARYLAND 20646

TITLE:
MAURICE J. McDONOUGH HIGH SCHOOL
SCHEMATIC FLOOR PLAN

	DATE	DWG. NO. 55-A1
DRAWN	7/2003	
CHECKED		
APPROVED		SCALE NOT TO SCALE



SECOND FLOOR PLAN

CHARLES COUNTY PUBLIC SCHOOLS PLANNING & CONSTRUCTION DEPARTMENT LAPLATA, MARYLAND 20646		
TITLE: MAURICE J. McDONOUGH HIGH SCHOOL SCHEMATIC FLOOR PLAN		
	DATE	DWG. NO. 55-A2
DRAWN	7/2003	
CHECKED		
APPROVED		SCALE NOT TO SCALE

McDonough High School
SRC OF 1200

STATE-FUNDED MAXIMUM GROSS AREA ALLOWANCE

Type of Student	# of Students	GSF per Student	GSF Area Allowance
General Education	1170	*	187350
CTE	0	210	0
Special Education	30	200	6000
Subtotal	**1200**		**193350**
Community Use Program			3000
TOTAL			**196350**
		Existing Building GSF	174,315
		Delta	22,035

** 187,350 GSF for 1170 General Education Students grades 9-12*

CHARLES COUNTY GOVERNMENT
Department of Emergency Services
William Stephens
Director

Phone | 301-609-3400
Fax | 301-609-3410
Email | DES@CharlesCountyMD.gov

September 27, 2019

Steven Andritz
Director of Planning & Construction
Charles County Public Schools
P. O. Box 2770
5985 Radio Station Road
La Plata, Maryland 20646

Dear Mr. Andritz,

Emergency Services has determined that McDonough High School is unsuitable to be utilized as an emergency shelter. This is due to the inaccessibility of showers that are located on a lower floor than where the general shelter population would be housed. Adding an elevator or ramp to provide for this accessibility would not be cost effective when there are other facilities within close proximity that can serve the needs for emergency shelters within Charles County.

Thank you,

Michelle Lilly, Assistant Director

PROJECT DESCRIPTION AND JUSTIFICATION

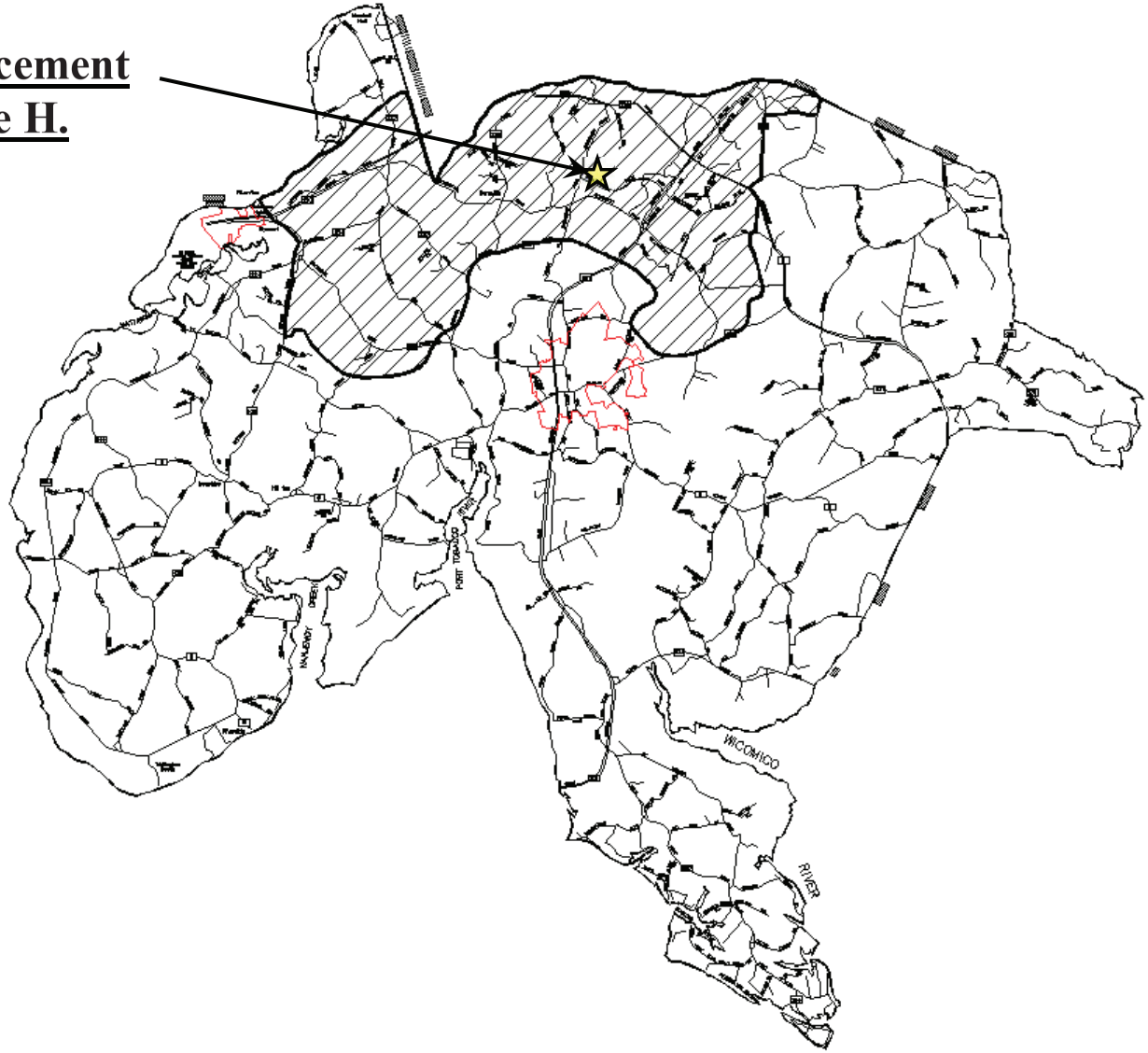
MAURICE J. MCDONOUGH HIGH SCHOOL- PREFORMING ARTS & SECURITY ENHANCEMENTS

The need is for renovation at McDonough High School, which was built in 1977 and serves a portion of the development district. The proposed project will include an elevator for accessibility, a secure building entrance vestibule, relocation of the Administration Suite into existing area at the front of the building for supervision, entry control, and security, renovation and expansion of the existing performing arts areas to meet current program requirements. Local funding to initiate planning was approved in FY2018. State Planning was approved in FY2019. Local construction funds were approved in FY2021. State and local construction funding will be requested in FY2022.

Project Location Map

Systemic Renovation – FY2022

Roof Replacement
Westlake H.



REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Westlake HS - Roof Replacement - Systemic**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **3300 Middletown Road, Waldorf, Maryland 20603**

PRIORITY **6** Revised Date ____

PROJECT TYPE: NEW ____ ADDITION ____ REPLACEMENT ____ RENOVATION ____ LIMITED RENOVATION ____

SYSTEMIC RENOVATIONS **X** STATE-OWNED RELOCATABLES ____

COOPERATIVE USE ____ PROTOTYPE DESIGN ____ COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT ____

SCHOOL NUMBER **08.0619** GRADES **9 - 12** SRC **1246** PSC NO **08.031**

REQUEST FOR CURRENT FY: **$1,981,000**

TOTAL PRIOR STATE FUNDS: **$0**

DATE PLANNING APPROVED: ____

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS									
FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **53.4** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

			RENOVATED		DEMOLISHED		TOTAL
	Gross SF	Date	Gross SF	Date	Gross SF	Date	Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition		
GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: ____ Enrollment ____

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

b. State Scope Currently Proposed: 2022 Proposed Enrollment **1,246**

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

c. LEA Scope: Proposed Enrollment ____

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

4. DESCRIPTION & JUSTIFICATION:

The need is for a systemic renovation at Westlake High School, which opened in 1992 and is located in Westlake Village in St. Charles. The original roof will have reached the end of its expected life by FY2022. The installation of a four-ply, built-up roof with positive drainage or other acceptable roof system be installed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning and design was approved in FY 2019 and design is ongoing. Partial Local construction funds were approved in FY 2020 and FY 2021. State and local construction funding will be requested in FY 2022.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Westlake HS - Roof Replacement - Systemic**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **3300 Middletown Road, Waldorf, Maryland 20603**

PRIORITY **6** Revised Date

5. ENROLLMENT PROJECTIONS (Requested and Adjacent Schools)	Year→	***Sept 17, 2020 Telephone Count**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**1,246**	**1,146**	**1,277**	**1,345**	**1,328**	**1,323**	**1,298**	**1,369**	**1,376**	-130
										0
										0
										0
										0
										0
TOTAL:	1,246	1,146	1,277	1,345	1,328	1,323	1,298	1,369	1,376	-130

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

7. EMERGENCY ELECTRICAL POWER:

8. BUDGET:		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 3,048,000	$ 1,067,000	$ 1,981,000
Site Development	19%	$	$	$
Construction Cost		**$ 3,048,000**	**$ 1,067,000**	$ **1,981,000**
Contingency	2.5%	$ 200,000	$ 200,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 394,000	$ 394,000	$ N/A
Total		**$ 3,642,000**	**$ 1,661,000**	$ **1,981,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **July 2021** Occupancy Date: **Sept 2022**

1st Inspection

ROOF INSPECTION/SURVEY FORM

(FILL OUT FOR EACH LEVEL OF BUILDING)

SCHOOL: Westlake-58 (Main Building) EQUIP. NO. _____

LEVEL _____ ROOF DECK metal

ROOF TYPE: BUR ✓ EPDM ___ SHINGLE ___ METAL ___ SLATE ___ OTHER ___

WATERTIGHTNESS: NO LEAKS ___ LEAKS EVERY RAIN ___ LEAKS ONLY DURING HIGH WINDS AND RAIN ✓ LEAKS ONLY OCCASSIONALLY ✓

CONDITION OF ROOF: (Indicate condition 1 Poor to 4 Excellent)

BLISTERS 3 RIDGES 3 SPLITS 3 EXPOSED FELTS 3 ERODED FELTS 3

DRAINS 3 ALLIGATORING 3 GRAVEL STOP 3 DEBRIS/VEGETATION 3

PUNCTURES 3 SEAM SEPARATION 3 PONDING WATER 3 PITCH PANS 3

EXPANSION JOINT 3 PARAPET CAP 3 PARAPET METAL 3 GUTTERS 3

DOWNSPOUT 3 COUNTER FLASHING 3 DRAIN STRAINER 3

INSULATION: YES ✓ NO ___ TYPE/CONDITION: fiber board

ADDITIONAL INFORMATION: Standard P/M should be kept up and continued

OVERALL ROOF CONDITION 3 (1 Poor to 4 Excellent)

PHOTOGRAPHIC/VIDEO RECORD: YES ___ NO ✓ IDENTIFY THE AREA BEING SHOWN, THE ITEM, AND THE DATE.

ROOF PLAN: Draw a roof plan on the reverse side. Following the key provided show the location of all problem areas found. Also, note any changes to roof since it was first completed.

INSPECTED BY: R. Rol DATE: 8-17-20

ROOF INSPECTION/SURVEY FORM

(FILL OUT FOR EACH LEVEL OF BUILDING)

SCHOOL: Westlake-58 (Main Building) EQUIP. NO. _____

LEVEL _____ ROOF DECK metal

ROOF TYPE: BUR ✓ EPDM ____ SHINGLE ____ METAL ____ SLATE ____ OTHER ____

WATERTIGHTNESS: NO LEAKS ____ LEAKS EVERY RAIN ____ LEAKS ONLY DURING HIGH WINDS AND RAIN ✓ LEAKS ONLY OCCASSIONALLY ✓

CONDITION OF ROOF: (Indicate condition 1 Poor to 4 Excellent)

BLISTERS 3 RIDGES 3 SPLITS 3 EXPOSED FELTS 3 ERODED FELTS 3

DRAINS 3 ALLIGATORING 3 GRAVEL STOP 3 DEBRIS/VEGETATION 3

PUNCTURES 3 SEAM SEPARATION 3 PONDING WATER 3 PITCH PANS 3

EXPANSION JOINT 3 PARAPET CAP 3 PARAPET METAL 3 GUTTERS 3

DOWNSPOUT 3 COUNTER FLASHING 3 DRAIN STRAINER 3

INSULATION: YES ✓ NO ____ TYPE/CONDITION: Fiber board

ADDITIONAL INFORMATION: Standard P.M.'s will be needed

OVERALL ROOF CONDITION 3 (1 Poor to 4 Excellent)

PHOTOGRAPHIC/VIDEO RECORD: YES ____ NO ✓ IDENTIFY THE AREA BEING SHOWN, THE ITEM, AND THE DATE.

ROOF PLAN: Draw a roof plan on the reverse side. Following the key provided show the location of all problem areas found. Also, note any changes to roof since it was first completed.

INSPECTED BY: R. Ryer DATE: 11-21-19

ROOF INSPECTION/SURVEY FORM

(FILL OUT FOR EACH LEVEL OF BUILDING)

SCHOOL: Westlake-58 (Main Building) EQUIP. NO. _____

LEVEL _____ ROOF DECK metal

ROOF TYPE: BUR ✓ EPDM ____ SHINGLE ____ METAL ____ SLATE ____ OTHER ____

WATERTIGHTNESS: NO LEAKS ____ LEAKS EVERY RAIN ____ LEAKS ONLY DURING HIGH WINDS AND RAIN ____ LEAKS ONLY OCCASSIONALLY ✓

CONDITION OF ROOF: (Indicate condition 1 Poor to 4 Excellent)

BLISTERS 1 RIDGES 1 SPLITS 1 EXPOSED FELTS 1 ERODED FELTS 1

DRAINS 2 ALLIGATORING 1 GRAVEL STOP 2 DEBRIS/VEGETATION 3

PUNCTURES 1 SEAM SEPARATION 1 PONDING WATER 2 PITCH PANS 1

EXPANSION JOINT 1 PARAPET CAP 1 PARAPET METAL 1 GUTTERS ____

DOWNSPOUT ____ COUNTER FLASHING 1 DRAIN STRAINER 1

INSULATION: YES ✓ NO ____ TYPE/CONDITION: Foam board fair condition

ADDITIONAL INFORMATION: most reported leaks along masonry rising walls and cap metal

OVERALL ROOF CONDITION 2 (1 Poor to 4 Excellent)

PHOTOGRAPHIC/VIDEO RECORD: YES ____ NO ✓ IDENTIFY THE AREA BEING SHOWN, THE ITEM, AND THE DATE.

ROOF PLAN: Draw a roof plan on the reverse side. Following the key provided show the location of all problem areas found. Also, note any changes to roof since it was first completed.

INSPECTED BY: [signature] DATE: 7/25/19

WESTLAKE HIGH SCHOOL

ROOF SYSTEM STUDY - SUMMARY REPORT (WESTLAKE HIGH SCHOOL)	
Building Name/Address:	Westlake High School 3300 Middletown Road Waldorf, MD 20603
Personnel/Survey Dates:	R. Thomas Brown/ December 1, 2008
Approx. Roof Age:	17+ years
Typ. Roof Configuration:	Main roof – Gravel surfaced built-up roof system. Multiple (7 total) small steep sloped metal roofs with batten seam covers.
Approx. Roof Area	BUR: 115,000 sf. / Metal: 3,000 sf.
Roof Deck Type:	Steel deck
Roof Leak History:	Extensive leaks reported in Main Entrance stairway area (metal roof), Science Wing hallway and Gymnasium area (BUR).

GENERAL CONDITIONS:

The overall condition of the gravel surfaced built-up roof system is poor, with extensive base flashing defects and the potential for rapid deterioration that will require replacement within 1-3 years. The extent and amount of defects is such that significant repairs to extend the service life of the roof will be costly and extensive. The batten seam metal roof systems are in fair to poor condition with poorly designed sheet metal flashings at the base and failed sealants at joints.

Roof Membrane: The built-up roof membrane is in poor condition due to age and ultraviolet related deterioration. Extensive areas of asphalt bleeding through the gravel surfacing at low points on the roof surface (drains and crickets) are common on all roof areas. Extensive staining of the gravel surfacing exists throughout all roof areas. Isolated areas of soft insulation at low points indicate probable moisture infiltration and deterioration of the thermal insulation at these locations.

Base Flashing/Roof Penetration Flashings: The base flashings and roof penetration flashings are in poor condition. Extensive cracks along the top of the cant and loss of granular surfacing indicate deterioration due to prolonged ultraviolet exposure. Numerous blisters observed along the perimeter base flashings indicate moisture intrusion at these locations, especially prevalent along the Gymnasium roof. Isolated areas of slipped base flashings are evident due to inadequate nailing at the top of the flashings. One twenty foot length of base flashings along the Gymnasium roof perimeter has completely slipped and is open to moisture infiltration. Gale informed CCPS maintenance staff immediately.

Sheet Metal: The aluminum parapet cap is in fair to poor condition. Moderate, isolated damage and extensive areas of ponding water exist along the parapet cap. The stainless steel expansion joint covers are in generally good condition with only isolated damage from foot traffic. There are isolated instances of missing or displaced counterflashing above the

ROOF SYSTEM STUDY - SUMMARY REPORT

(WESTLAKE HIGH SCHOOL)

bituminous flashings.

Drainage System: The roof drainage system is in fair condition. There is good slope to drains (approximately 3/8-inch/foot); however, moderate ponding was observed between drains along the cricket line. Asphalt observed accumulating in roof drain sumps and bowls indicate slippage of the asphalt surfacing that may impede roof drainage.

Interior Parapet Walls: Interior parapet walls sheathed with batten seam wall panels are in fair condition; minor chalking, evidence of standing water in J-channel at base.

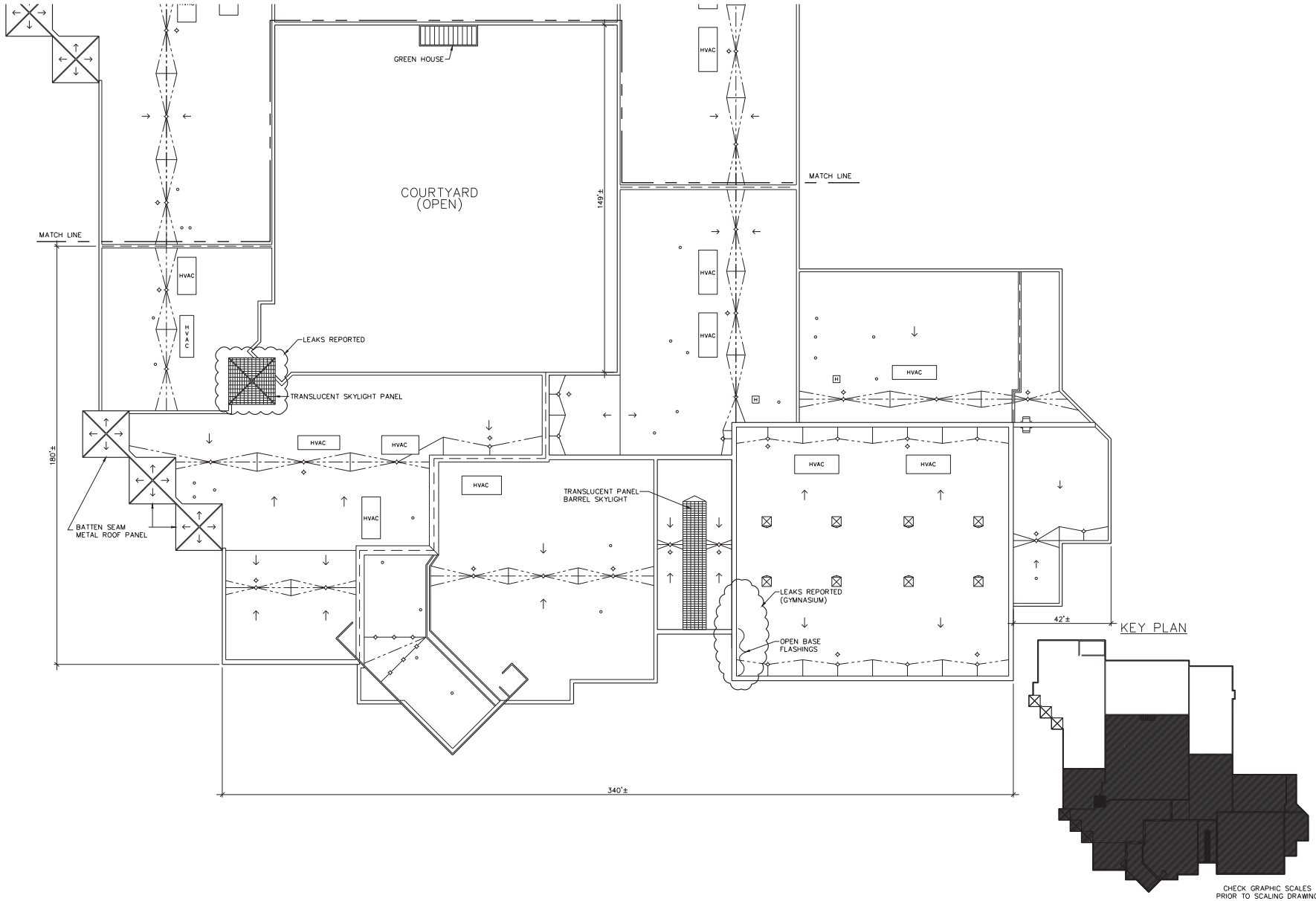
Rising walls: Brick masonry walls are in fair condition; there are minor instances of damaged throughwall flashing due to improper repairs by school maintenance staff.

FRP Skylights: Fiberglass translucent skylights located in the Main hallway staircase and barrel skylight adjacent to the Gymnasium are in very poor condition; There is extensive fiberglass deterioration (bloom) and rubber seal gaskets at mullions are deteriorated throughout. Extensive repairs have been made with sealant along the mullions between panels.

Recommendations: Gale recommends complete removal and replacement of the built-up roof systems down to the structural deck. Repair areas of deteriorated steel deck. Internal drains should be replaced. Install a new 4-ply bituminous built-up roof using Type 6 fiberglass felts and gravel surfacing or a 2-ply SBS modified bitumen roof system with a granular surfaced capsheet. Use 2-ply modified bitumen base flashing with either system. Scrape, prime and paint all steel stairways and equipment supports. The sloped metal batten seam roofs should be removed and replaced with insulated metal roof panels and new sheet metal flashings. Existing fiberglass translucent skylights should be removed and replaced with new.

Remaining Roof Serviceability:			1 - 3 years
Estimated Roof Replacement Costs	$1,495,000.00	-	$1,725,000.00
Estimated Sloped Metal Roofs Replacement Costs:	$36,000.00	-	$42,000.00
Recommended Contingency (10 %):	$153,100.00	-	$176,700.00
Engineering Design and Construction Admin. Budget (10%)	$153,100.00	-	$176,700.00
Estimated Total Roof Replacement Budget:	**$1,837,200.00**	**-**	**$2,120,400.00**

** Estimated costs are based on current per square feet unit pricing. Actual costs may vary greatly depending on the year in which work is performed, actual work to be performed, final scope of work, material selection, and the bidding climate.*



GALE

Gale Associates, Inc.
Engineers Architects Planners

5550 Newbury Street | Baltimore, Md 21209
P 410.664.0611 F 410-664-0711 www.gainc.com

Boston Baltimore Orlando San Francisco

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PROJECT
ROOF SURVEY
WESTLAKE HIGH SCHOOL

OWNER
CHARLES COUNTY PUBLIC SCHOOLS

NO.	DATE	DESCRIPTION	BY

PROJECT NO.	655096
CADD FILE	
DESIGNED BY	RTB
DRAWN BY	LSJ
CHECKED BY	
DATE	12-1-08
DRAWING SCALE	1"=20'-0"

GRAPHIC SCALE
0 10' 20' 40'
IF BORDER IS LESS THAN 22" x 28.375" USE GRAPHIC SCALES

SHEET TITLE
ROOF AREA PLAN

DRAWING NO.
A-102

2 OF 2

PHOTOGRAPHIC DOCUMENTATION

Photo 1: Extensive areas of asphalt surfacing bleeding through gravel. Instances of asphalt impeding roof drainage.

Photo 2: Typical base flashing defects; cracks, deterioration above cant.

PHOTOGRAPHIC DOCUMENTATION

Photo 3: Translucent panels exhibiting 'bloom' deterioration; throughwall flashings repairs.

Photo 4: Gymnasium base flashings open to moisture infiltration (reported to CCPS Maintenance)

PHOTOGRAPHIC DOCUMENTATION

Photo 5: Screen wall steel framing - extensive rust.

Photo 6: Batten seam metal panels roofs; extensive chalking and poorly designed sheet metal flashings at base.

PROJECT DESCRIPTION AND JUSTIFICATION

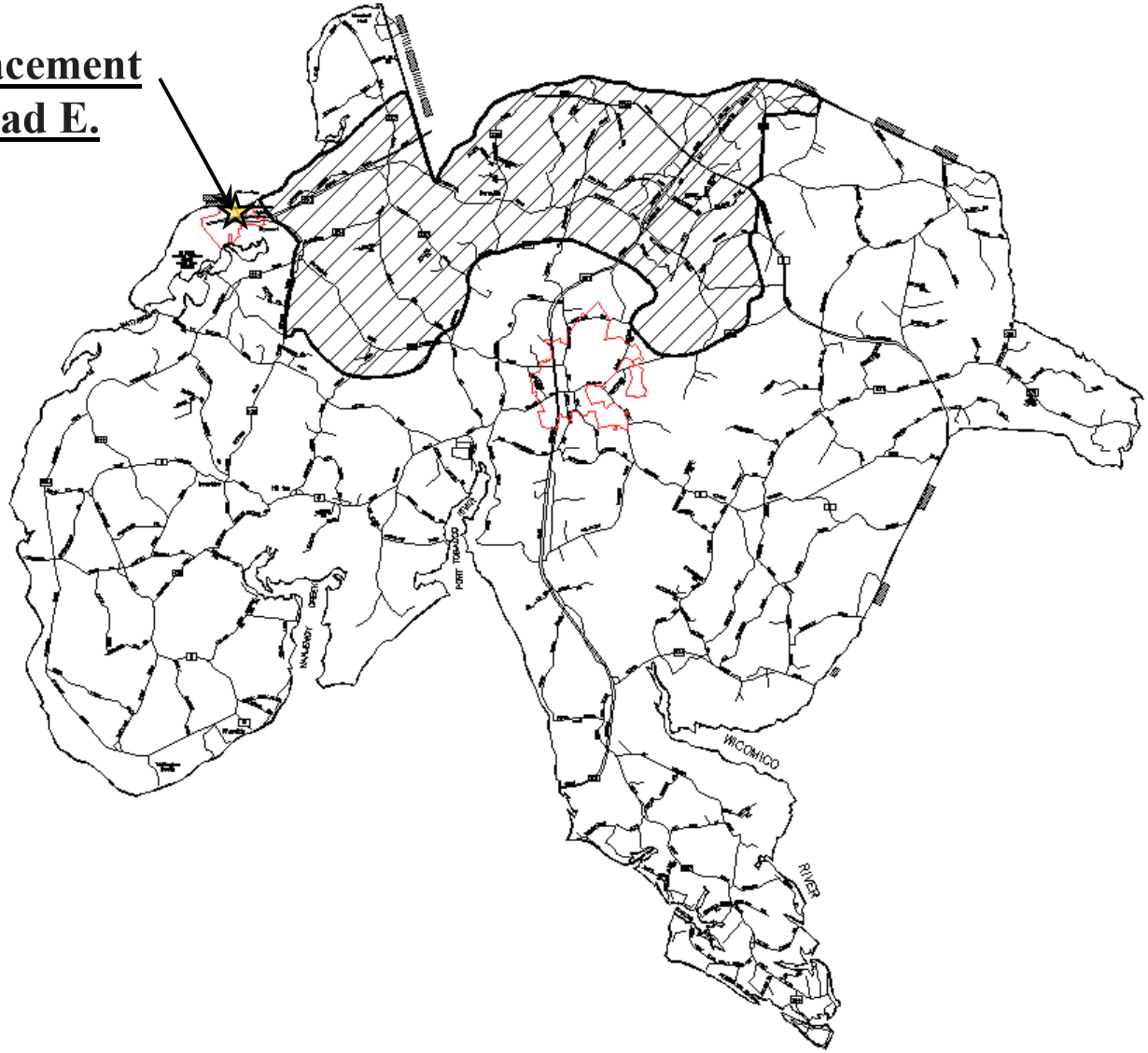
ROOF REPLACEMENT AT WESTLAKE HIGH SCHOOL

The need is for a systemic renovation at Westlake High School, which opened in 1992 and is located in Westlake Village in St. Charles. The original roof will have reached the end of its expected life by FY2019. It is proposed that a four-ply, built-up roof with positive drainage or other acceptable roofing system be installed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unseen problems. Local funding to initiate planning was approved in FY 2019. Local construction funds were approved in FY2021. State and Local construction funding will be requested in FY2022.

Project Location Map

Systemic Renovation – FY2022

Boiler Replacement
Indian Head E.



REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools** | REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Indian Head ES - Boiler Replacement - Systemic** | FY: **2022** | Date Submitted **10/7/20**

ADDRESS **4200 Indian Head Highway, Indian Head, Maryland 20640** | PRIORITY **7** | Revised Date

PROJECT TYPE: NEW ____ ADDITION ____ REPLACEMENT ____ RENOVATION ____ LIMITED RENOVATION ____

SYSTEMIC RENOVATIONS **X** STATE-OWNED RELOCATABLES ____

COOPERATIVE USE ____ PROTOTYPE DESIGN ____ COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT ____

SCHOOL NUMBER **08.0710** GRADES **Pre-K - 5** SRC **461** PSC NO **08.008**

REQUEST FOR CURRENT FY: **$712,000**

TOTAL PRIOR STATE FUNDS: **$0**

DATE PLANNING APPROVED:

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS									
FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **7.8** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

			RENOVATED		DEMOLISHED		TOTAL
	Gross SF	Date	Gross SF	Date	Gross SF	Date	Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition		
GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: ____ Enrollment ____

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

b. State Scope Currently Proposed: 2022 Proposed Enrollment **461**

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

c. LEA Scope: Proposed Enrollment ____

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

4. DESCRIPTION & JUSTIFICATION:

The need is for a systemic renovation at Indian Head Elementary School, which opened in 1976, and is located in the incorporated Town of Indian Head. The two boilers and pump systems are over 30 years old and have outlived their expected usefulness. Installation of new units is proposed to increase overall efficiency of the heating system and reduce operating costs. Charles County Public Schools recently commissioned a team of consultants to provide budget and scope analysis for mechanical, electrical, and plumbing. Their evaluation of the project and scope of work showed the need to increase the budget. Local funding to initiate planning and design was approved in FY 2019. State and Local construction funding will be requested in FY 2022.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Indian Head ES - Boiler Replacement - Systemic**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **4200 Indian Head Highway, Indian Head, Maryland 20640**

PRIORITY **7** Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**461**	**411**	**461**	**462**	**445**	**451**	**455**	**460**	**463**	-2
										0
										0
										0
										0
										0
TOTAL:	461	411	461	462	445	451	455	460	463	-2

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

7. EMERGENCY ELECTRICAL POWER:

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 1,096,000	$ 384,000	$ 712,000
Site Development	19%	$	$	$
Construction Cost		**$ 1,096,000**	**$ 384,000**	$ **712,000**
Contingency	2.5%	$ 100,000	$ 100,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 130,000	$ 130,000	$ N/A
Total		**$ 1,326,000**	**$ 614,000**	$ **712,000**

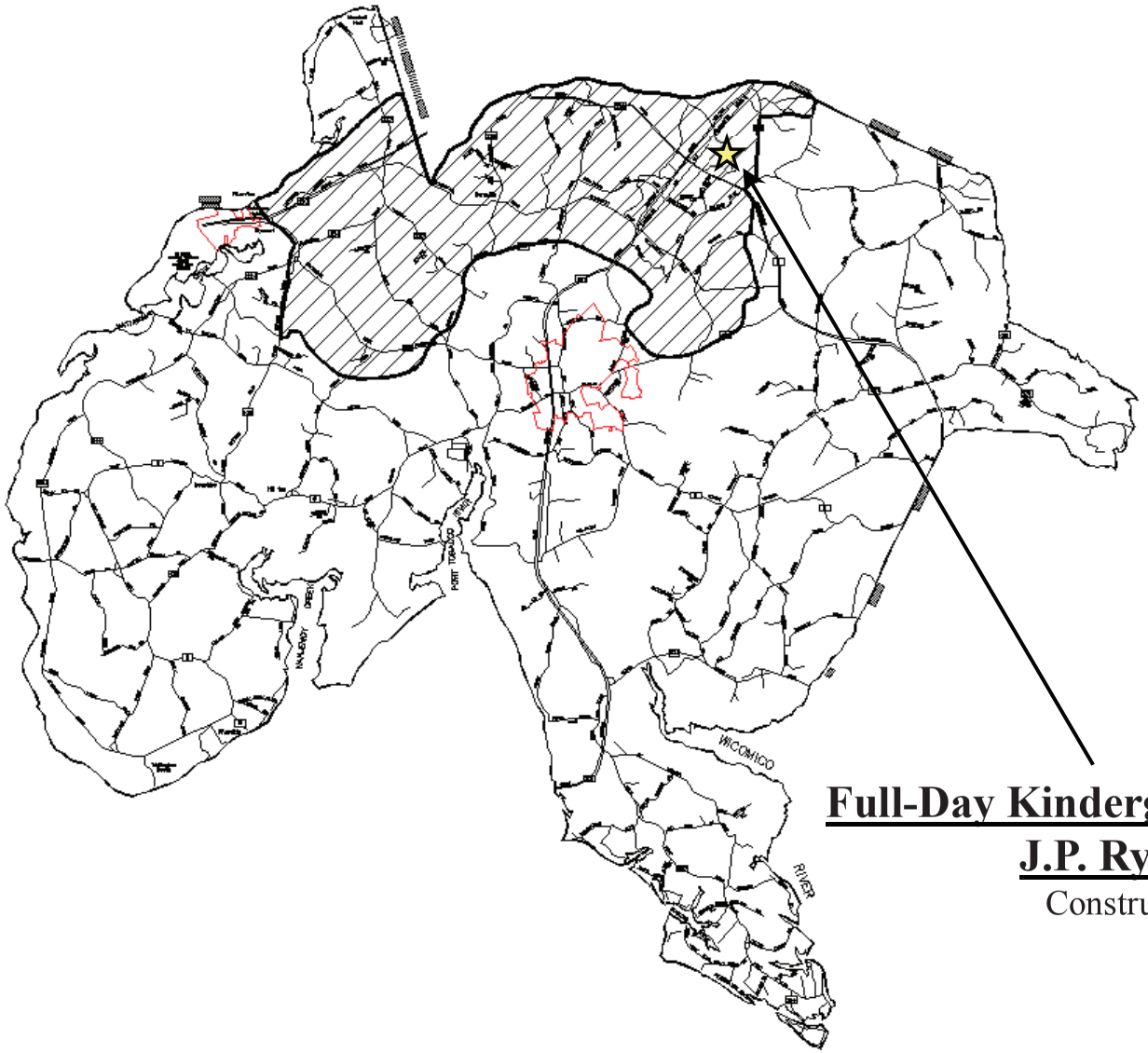
ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **July 2021** Occupancy Date: **Oct 2021**

PROJECT DESCRIPTION AND JUSTIFICATION

BOILER REPLACEMENT AT INDIAN HEAD ELEMENTARY SCHOOL

The need is for a systemic renovation at Indian Head Elementary School, which opened in 1976, and is located in the town of Indian Head. The two boilers and pump systems are over 35 years old and have outlived their expected usefulness. Installation of new units is proposed to increase overall efficiency of the heating system and reduce operating costs. Charles County Public Schools recently commissioned a team of consultants to provide a budget and scope analysis for mechanical, electrical, and plumbing. Their evaluation of the project and scope of work showed the need to increase the budget. Local funding to initiate planning was approved in FY 2019. State and Local construction funding will be requested for FY2022.

Project Location Map



Full-Day Kindergarten Addition

J.P. Ryon E.

Construction

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools** | REQUEST TYPE: PLANNING ___ FUNDING **X**

SCHOOL NAME **J.P. Ryon ES - Full Day Kindergarten Addition/Renovation** | FY: **2022** | Date Submitted **10/7/20**

ADDRESS **12140 Vivian Adams Drive, Waldorf, Maryland 20601** | PRIORITY **8** | Revised Date ___

PROJECT TYPE: NEW ___ ADDITION **X** REPLACEMENT ___ RENOVATION **X** LIMITED RENOVATION ___

SYSTEMIC RENOVATIONS ___ STATE-OWNED RELOCATABLES ___

COOPERATIVE USE ___ PROTOTYPE DESIGN ___ COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ___ ELECTRICAL UPGRADE/REPLACEMENT ___

SCHOOL NUMBER **08.0606** GRADES **Pre-K - 5** SRC **640** PSC NO **08.038**

REQUEST FOR CURRENT FY: **$2,340,000**
TOTAL PRIOR STATE FUNDS: **$0**
DATE PLANNING APPROVED: **5/31/2018**

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **20.0** Date IAC Approved ___ MHT Category # ___ Date of MHT Review ___ In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: **2019** Enrollment **108**
Gross Square Footage: New ___ Addition **9,320** Renovation ___ Demolition ___
Cooperative-Use Space GSF: **WITHIN** above GSF New ___ Addition ___ Renovation ___

b. State Scope Currently Proposed: 2022 Proposed Enrollment **108**
Gross Square Footage: New ___ Addition **9,000** Renovation ___ Demolition ___
Cooperative-Use Space GSF: **WITHIN** above GSF New ___ Addition ___ Renovation ___

c. LEA Scope: Proposed Enrollment **108**
Gross Square Footage: New ___ Addition **9,320** Renovation ___ Demolition ___
Cooperative-Use Space GSF: **WITHIN** above GSF New ___ Addition ___ Renovation ___

4. DESCRIPTION & JUSTIFICATION:

There is need for permanent space to support pre-kindergarten programs at J.P. Ryon Elementary School in Waldorf. The building opened in 1969 and was renovated in 2001, with a classroom addition in 2001. The school was constructed with two kindergarten classrooms and one pre-kindergarten classroom as part of the renovation in 2001. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. J.P. Ryon is a Title 1 school and currently houses five kindergarten classes, three all day pre-kindergarten classes, and a three year olds program. An addition with five classrooms is proposed that would contain three regular kindergarten classrooms, one kindergarten inclusion classroom, and one Pre-k inclusion classroom. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten aged, special education students. This requires one classroom at both the kindergarten and pre-kindergarten levels to be increased in size to house an additional seven students, a special education teacher and an aide. Planning was approved in FY2019. Local construction funds were approved in FY 2020. State construction funding will be requested in FY2022.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **J.P. Ryon ES - Full Day Kindergarten Addition/Renovation**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **12140 Vivian Adams Drive, Waldorf, Maryland 20601**

PRIORITY **8** Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**640**	**638**	**705**	**714**	**707**	**721**	**741**	**744**	**759**	-119
										0
										0
										0
										0
										0
TOTAL:	640	638	705	714	707	721	741	744	759	-119

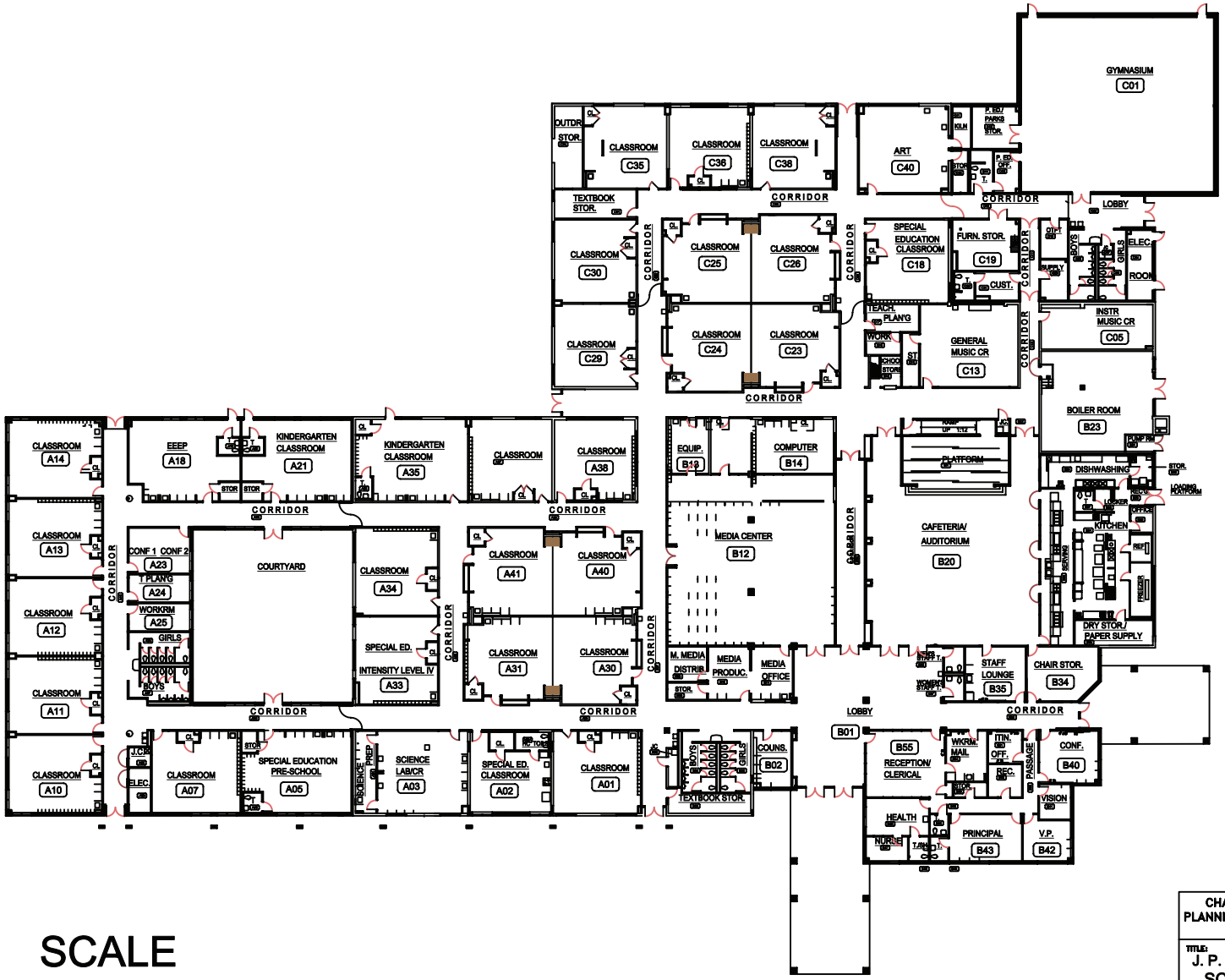
6. TRANSPORTATION MODAL SPLIT (for information purposes only):

7. EMERGENCY ELECTRICAL POWER:

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 3,468,000	$ 1,128,000	$ 2,340,000
Site Development	19%	$	$ -	$
Construction Cost		**$ 3,468,000**	**$ Input Required**	$ **Computation Input Required**
Contingency	2.5%	$ 150,000	$ 150,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 601,000	$ 601,000	$ N/A
Total		**$ 4,219,000**	**$ 1,879,000**	$ **2,272,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **July 2021** Occupancy Date: **August 2022**



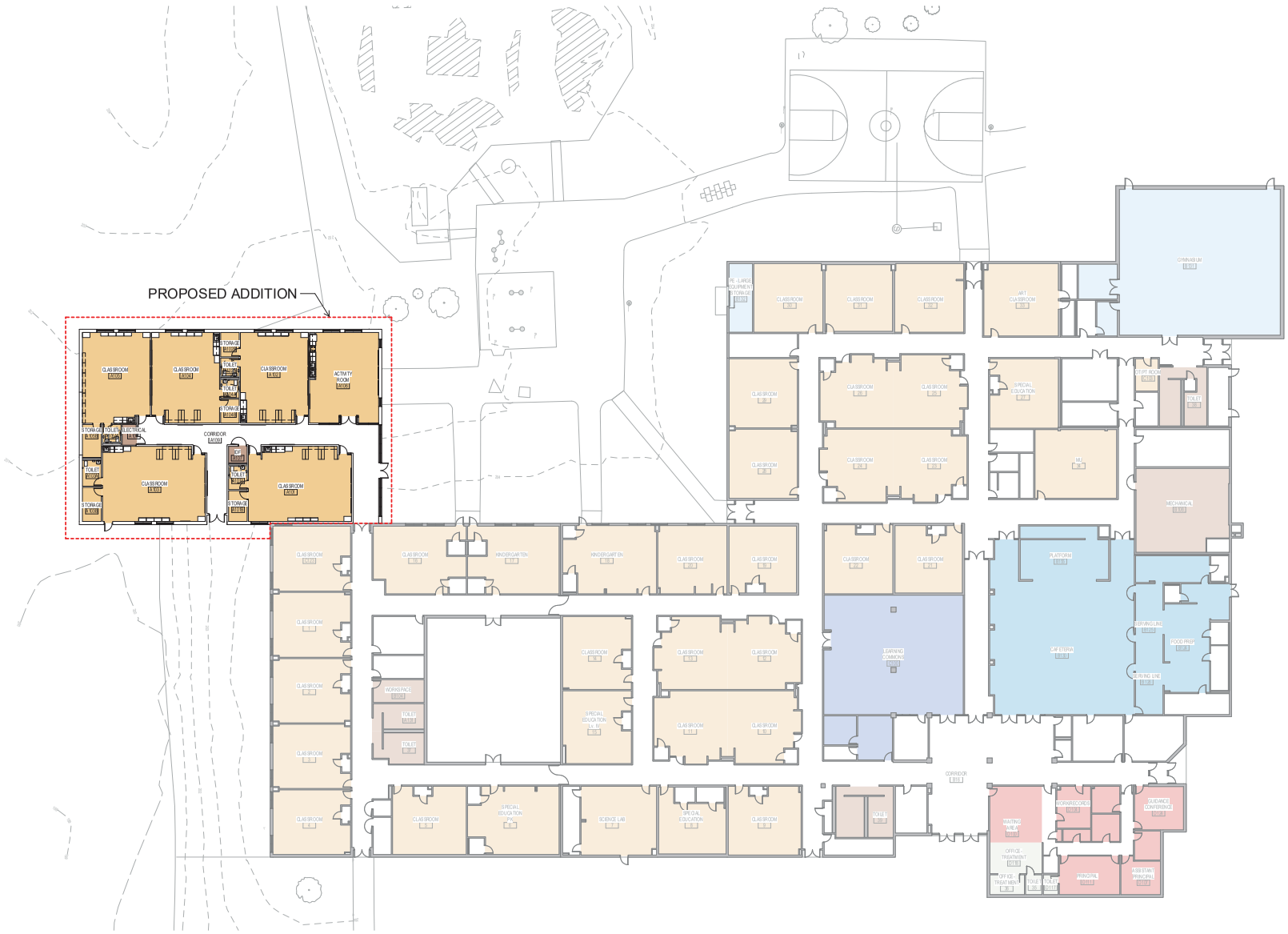
SCALE

16 0 16 32 48

CHARLES COUNTY PUBLIC SCHOOLS
PLANNING & CONSTRUCTION DEPARTMENT
LA PLATA, MARYLAND 20646

TITLE:
J. P. RYON ELEMENTARY SCHOOL
SCHEMATIC FLOOR PLAN

	DATE	DWG. NO. 14-A1
DRAWN	6/2001	
CHECKED		
APPROVED		SCALE AS SHOWN



C17 OVERALL FIRST FLOOR PLAN
1/16" = 1'-0"

GENERAL NOTES

GENERAL NOTES APPLICABLE TO ALL DRAWINGS - ITEMS AND CONDITIONS DETAILED, NOTED OR OTHERWISE IDENTIFIED ON ONE OF THE SECTIONS OR DETAILS ARE APPLICABLE AND BINDING TO ALL OTHER SECTIONS AND DETAILS FOR IDENTICAL OR SIMILAR CONDITIONS.

1. ALL CONSTRUCTION AND WORK SHOWN ON THE COMPLETE SET OF DRAWINGS IS ASSUMED TO BE NEW AND FURNISHED AND INSTALLED BY THE CONTRACTOR.
2. IF A CONFLICT EXISTS BETWEEN DRAWINGS (AND/OR SPECIFICATIONS), THE MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY. ITEMS SHOWN ON THE DRAWINGS, BUT NOT SPECIFIED, SHALL APPLY AND BE FURNISHED AND INSTALLED BY THE CONTRACTOR. IF AN ITEM IS SHOWN ON THE DRAWINGS, BUT IS NOT INCLUDED IN THE SPECIFICATIONS, PROVIDE ITEM OF A QUALITY LEVEL CONSISTENT WITH THE GENERAL QUALITY LEVEL OF THE CONTRACT REQUIREMENTS. BRING CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
3. WRITTEN INFORMATION TAKES PRECEDENT OVER DRAWING LINES. BRING CONFLICTS BETWEEN WRITTEN INFORMATION AND DRAWINGS TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
4. IF A CONFLICT EXISTS BETWEEN DRAWINGS OF DIFFERENT SCALES, CONSULT THE ARCHITECT FOR CLARIFICATION.
5. IN THE ABSENCE OF A WRITTEN DIMENSION, OR IN CASE OF DOUBT AS TO THE PROPER MEASUREMENT, CONSULT THE ARCHITECT FOR CLARIFICATION.
6. IF AN AREA OR SPACE IS SHOWN, BUT IS NOT CLEARLY DEFINED OR INDICATED BY NOTES, PROVIDE THE SAME MATERIALS AND FINISHES AS SCHEDULED OR DETAILED FOR AREAS OF SIMILAR USE ELSEWHERE IN THE BUILDING.
7. SECTIONS INDICATED ARE INTENDED TO SHOW THE SPECIFIC CONSTRUCTION WHERE REFERENCED AS WELL AS ESTABLISH THE GENERAL CONSTRUCTION DETAILS FOR SECTIONS THROUGHOUT THE PROJECT WHICH DO NOT HAVE SPECIFIC SECTIONS DRAWN. THE MOST SIMILAR SECTIONS SHALL BE ADAPTED TO ANY SECTIONS NOT DETAILED. ANY SPECIFIC QUESTIONS CONCERNING CONSTRUCTION NOT ADEQUATELY COVERED BY THE ABOVE SHOULD BE DIRECTED TO THE ARCHITECT DURING THE BIDDING.
8. TYPICAL DETAILS THROUGHOUT THE DRAWING SET SHALL APPLY FOR ALL APPLICABLE CONDITIONS EVEN IF NOT SPECIFICALLY SHOWN OR REFERENCED.
9. SEE STRUCTURAL DRAWINGS FOR ACTUAL STRUCTURAL, STEEL AND BEARING ELEVATIONS.
10. REFER TO ARCHITECTURAL SITE PLAN FOR THE LAYOUT OF CONCRETE WALKS, MOW STRIPS, PAVING PATTERNS, ETC. IN THE BUILDING VICINITY. REFER TO CIVIL DRAWINGS FOR THE CONTINUATION OF THE WORK.
11. UNLESS NOTED OTHERWISE, WALLS SHALL EXTEND TO THE ROOF OR FLOOR DECK ABOVE AND BE SEALED IN ACCORDANCE WITH GENERAL PLAN NOTE 4 ON SHEET A1.1 AND WALL TERMINATION DETAILS ON WALL TYPE SHEET.
12. AT ALL OUTSIDE CORNERS OF INTERIOR CMU WALLS, COLUMN ENCLOSURES, PIPE CHASES OR OTHER WALL PROJECTIONS, PROVIDE MASONRY UNITS AND/OR GLAZED MASONRY UNITS WITH BULNOSED (ROUNDED) EDGES WITH 1" RADIUS, UNLESS OTHERWISE NOTED OR WHERE SCHEDULED TO RECEIVE CERAMIC TILE. WHERE MASONRY CORNERS ALIGN WITH BULKHEADS, TRANSITION FROM BULNOSE CORNER UNITS TO SQUARE CORNER UNITS.
13. UNLESS SPECIFICALLY NOTED OTHERWISE, ENCLOSE ALL VERTICAL MECHANICAL PIPES, RAIN LEADERS, ETC WITH 4" CMU OR GYPSUM BOARD TO MATCH SURROUNDING FINISHES.
14. REFER TO PLANS AND ELEVATIONS FOR LOCATIONS OF CONTROL JOINTS (C.J.) AND EXPANSION JOINTS (E.J.) IN EXTERIOR MASONRY WALLS. IF A CONFLICT EXISTS BETWEEN JOINT LOCATIONS SHOWN ON THE ELEVATIONS AND PLANS, CONSULT THE ARCHITECT FOR CLARIFICATION PRIOR TO CONSTRUCTION. REFER TO FLOOR PLANS FOR LOCATIONS OF CONTROL JOINTS (C.J.) IN INTERIOR MASONRY WALLS.
15. ALL EXTERIOR CAVITY WALLS TO HAVE THRU-WALL FLASHING AT THE BOTTOM OF THE CAVITY WITH WEEP HOLES TO THE OUTSIDE. ALL FLASHING BUILT INTO WALLS SHALL BE LAPPED AND SEALED. REFER TO FLASHING DETAILS INDICATED.
16. REFER TO BUILDING ELEVATIONS AND ELEVATION DETAILS FOR MASONRY PATTERNS.
17. INCLUDE PROJECTIONS, REAR ENCLOSURES, RECESSES, BULKHEADS, PILASTERS AND SIMILAR ENCLOSURES AS PART OF WALL AND CEILING FINISHES AS SCHEDULED.
18. ALL APPURTENANCES BUILT INTO OR THROUGH WALLS, INCLUDING DOORS, DUCTS, WINDOWS, LOUVERS, GRILLES, MECHANICAL WORK, ETC. SHALL FIT TIGHT AND BE THOROUGHLY SEALED AROUND PERIMETERS. WORK AT EXTERIOR WALLS SHALL BE FLASHED OR OTHERWISE WATERPROOF SEALED.
19. SEE FURNISHING PLANS AS A SERIES FOR CASEWORK, CABINETS, LOCKERS, DISPLAY BORDS AND CASES AND SIMILAR ITEMS.
20. FIELD CHECK ROUGH AND/OR FINISHED DIMENSIONS FOR ACCURATE FITTING OF CABINETS, COUNTERS, LOCKERS, DOORS, WINDOWS, FIXTURES, SHELVING, GATES AND OTHER INSTALLATIONS PRIOR TO SHOP OR FACTORY FABRICATION. PROVIDE FILLER STRIPS, SCRIBE STRIPS, BASES, CLOSURE FINISHES AND TRIM FOR A COMPLETE INSTALLATION.
21. PROVIDE APPROPRIATE TRANSITION STRIPS AT CHANGES IN FLOOR ELEVATIONS.
22. EACH CONTRACTOR SHALL REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND BE RESPONSIBLE FOR WORK PERTAINING TO THEIR PARTICULAR TRADE. ALL CONTRACTORS SHALL COORDINATE THE WORK OF ALL TRADES AND FIELD CHECK AGAINST ANY CONFLICTS BETWEEN DRAWINGS. REPORT CONFLICTS TO THE ARCHITECT FOR CLARIFICATION.
23. REFER TO PLUMBING, HVAC AND ELECTRICAL DRAWINGS FOR LOCATIONS AND DESCRIPTIONS OF ACCESS PANELS, LOUVER OPENINGS, VENTILATORS, GRILLES, VALVE CABINETS, FIRE DAMPERS OR OTHER APPURTENANCES AFFECTING WALLS, CEILINGS OR FLOORS. PROVIDE NECESSARY UNITS, SUPPORT AND ANCHORAGE. SEE STRUCTURAL NOTES FOR UNITS REQUIREMENTS.
24. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATIONS OF CONCRETE PADS TO BE PROVIDED BELOW OR AROUND EQUIPMENT.
25. INSTALL ELECTRIC SWITCHES, OUTLETS, THERMOSTATS, CONTROLS, CLOCKS, SPEAKERS, FLAGPOLE HOLDERS AND OTHER WALL MOUNTED ACCESSORIES IN LOCATIONS WHICH ARE UNOBSTRUCTED BY CABINETS, COUNTERS, RACKS, DISPLAY BOARDS, FIXTURES, SHELVING OR OTHER FURNISHINGS OR EQUIPMENT DESIGNATED FOR SPACES SHOWN ON DRAWINGS. THESE DEVICES MAY BE SHOWN ON THE ARCHITECTURAL DRAWINGS TO ALERT OTHER SUB-CONTRACTORS OF THEIR PRESENCE. COORDINATE INSTALLATION WITH THE ELECTRICAL DRAWINGS. ADVISE THE ARCHITECT OF CONFLICTS IN LOCATION OR TYPES OF DEVICES SHOWN PRIOR TO INSTALLATION. DO NOT INSTALL WALL-MOUNTED ITEMS ON, THROUGH OR INTO ANY EQUIPMENT UNLESS INDICATED.
26. MOUNT ELECTRIC SWITCHES, THERMOSTATS AND OTHER ELECTRONIC CONTROLS LOCATED IN THE SAME VICINITY AT THE SAME HEIGHT ABOVE FINISHED FLOOR IN A UNIFORM, ORDERLY FASHION UNLESS NOTED OTHERWISE.
27. FOR THE PURPOSES OF BIDDING (UNLESS OTHERWISE NOTED), ALL SYMBOLS (LABELED/TAGGED OR UNLABELED/UNTAGGED) WHICH ARE LOCATED ON THE FURNISHING/EQUIPMENT PLANS SHALL BE CONSIDERED AS IN CONTRACT WORK TO BE PROVIDED BY THE CONTRACTOR. ALL SYMBOLS LOCATED ON THE PLANS DENOTE EITHER FURNITURE, EQUIPMENT, CASEWORK OR MILLWORK. WHERE A SYMBOL IS LOCATED ON THE PLANS BUT IS NOT LABELED OR TAGGED TO A SCHEDULE, THE CONTRACTOR SHALL SEEK CLARIFICATION FROM THE OWNER OR ARCHITECT BEFORE PROCEEDING. FOR PURPOSES OF BIDDING ONLY, IF CLARIFICATION CANNOT BE OBTAINED FROM THE OWNER OR ARCHITECT THROUGH ADDENDUM PRIOR TO THE BID DATE, THE CONTRACTOR SHALL NEVERTHELESS INCLUDE THE ITEM IN QUESTION IN THEIR BID, CONSIDERING IT THE SAME AS THE TAGGED SYMBOL MOST NEARLY RESEMBLING THE UNTAGGED SYMBOL BASED ON ITS SHAPE, SIZE, LINEWEIGHT(S), LOCATION, AND SCHEDULED USAGE IN SPACES OF SIMILAR FUNCTION. THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO PROCEEDING WITH SHOP DRAWINGS.

11720 Beltsville Drive
Suite 600
Calverton, MD 20705
Tel: 301.595.1000
www.grimmandparker.com
GRIMM AND PARKER

GP #21838.01

OVERALL FIRST FLOOR PLAN

J.P. RYON ELEMENTARY SCHOOL CLASSROOM ADDITION
12140 Vivian Adams Dr, Waldorf, MD 20601

DATE	DESCRIPTION

A001

08/28/19
SCHEMATIC DESIGN SUBMISSION

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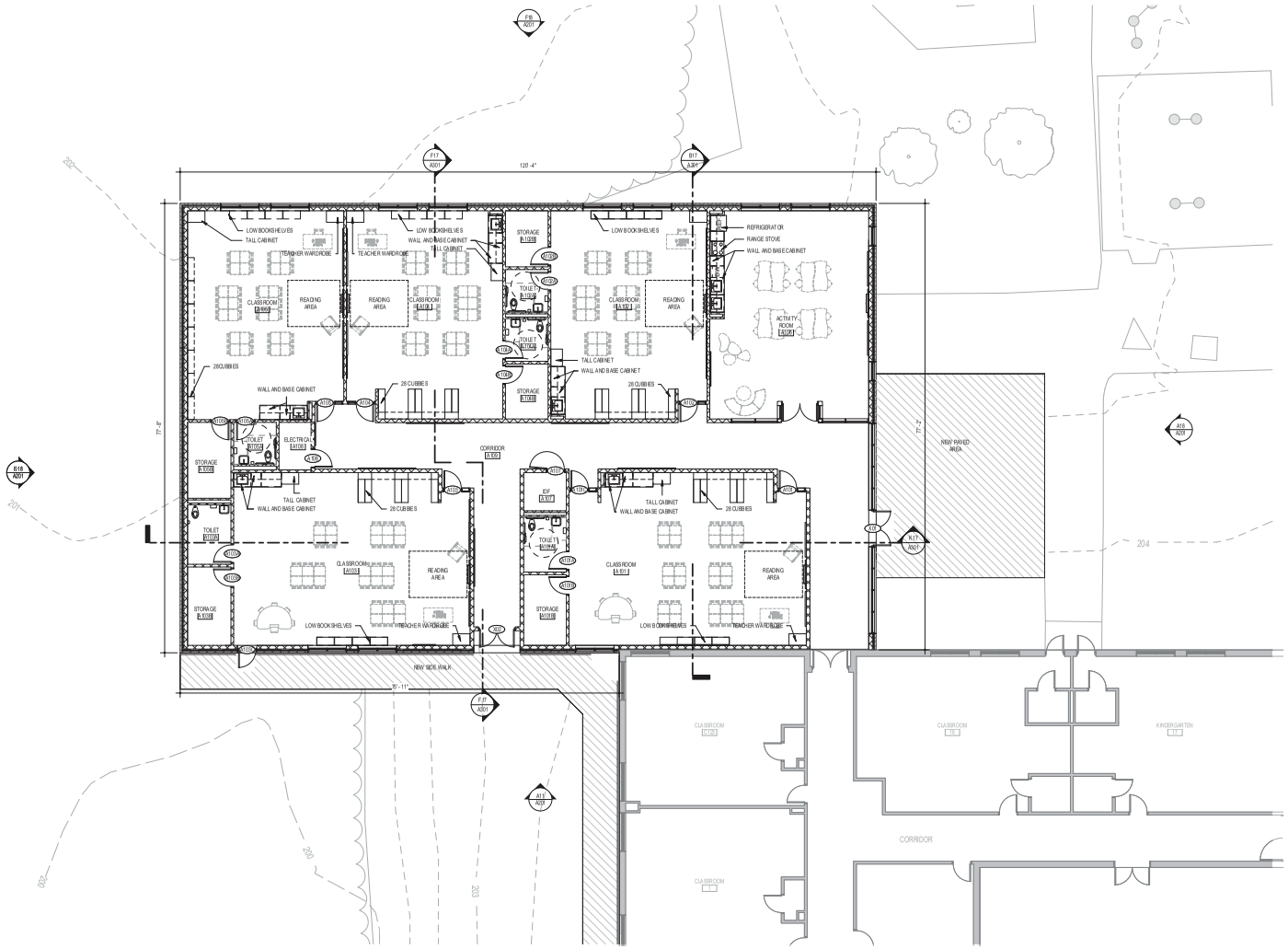
© GRIMM AND PARKER ARCHITECTURE, INC.



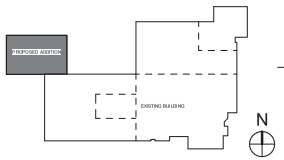
B15 PARTIAL FIRST FLOOR PLAN
1/8" = 1'-0"

GENERAL PLAN NOTES

GENERAL NOTE APPLICABLE TO ALL DRAWINGS - ITEMS AND CONDITIONS DETAILED, NOTED OR OTHERWISE IDENTIFIED ON ONE OF THE SECTIONS OR DETAILS ARE APPLICABLE AND BINDING TO ALL OTHER SECTIONS AND DETAILS FOR IDENTICAL OR SIMILAR CONDITIONS.

1. REFER TO SHEET F.01 FOR WALL TYPES AS REFERENCED ON PLANS WITH THE DIAMOND SYMBOL UNLESS REFERENCED OTHERWISE, ALL INTERIOR CMU WALLS ARE THE TYPE A2 AND ALL INTERIOR GYPSUM BOARD WALLS ARE TYPE J1
2. UNLESS NOTED OTHERWISE, WALLS SHALL EXTEND TO THE ROOF OR FLOOR DECK ABOVE AND BE SEALED IN ACCORDANCE WITH THE WALL TERMINATION DETAILS. REFER TO THE CODE STUDY PLAN FOR EXINTRFICATION OF ALL SMOKE AND FIRE WALL CONDITIONS. PERIMETER CORRIDOR AND LOBBY WALLS SHALL BE BUILT TO RESIST THE PASSAGE OF SMOKE.
3. REFER TO WALL SECTIONS AND DETAILS FOR EXTERIOR WALL TYPES AND CONSTRUCTION.
4. DIMENSIONS ON PLANS ARE FROM FACE OF MASONRY TO FACE OF MASONRY, FACE OF MASONRY TO FACE OF GYPSUM BOARD OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.
5. COLUMN GRID LINES ARE FOR REFERENCE ONLY. REFER TO STRUCTURAL DRAWINGS FOR COLUMN LOCATIONS.
6. REFER TO FURNISHING PLANS FOR CASEWORK, MILLWORK DISPLAY BOARDS, SHELVING UNITS, TV MOUNTING BRACKETS, LOCKERS, FURNITURE, ETC. (4600 SERIES).
7. FE - INDICATES A FIRE EXTINGUISHER WITH A RECESSED CABINET. FE - INDICATES A FIRE EXTINGUISHER WITH A WALL MOUNTING BRACKET.
8. UNLESS SPECIFICALLY INDICATED OTHERWISE, THE SAME WALL TYPE NEXT TO A DOOR OR OPENING SHALL CONTINUE OVER THE DOOR OR OPENING.
9. PLAN LOCATION OF DOORS AND FRAMES RELATIVE TO THE PLANE OF THE WALL IS DIAGRAMMATIC ONLY. REFER TO THE REFERENCED JAMB AND HEAD CONDITION DETAILS TO DETERMINE ACTUAL PLACEMENT OF DOOR AND FRAME.
10. REFER TO SHEET F.01 FOR TYPICAL MASONRY DETAILS.

KEY PLAN



11720 Beltsville Drive
Suite 600
Calverton, MD 20705
Tel: 301.595.1000
www.grimmandparker.com
GRIMM AND PARKER

GP #21838.01

PARTIAL FIRST FLOOR PLAN

J.P. RYON ELEMENTARY SCHOOL CLASSROOM ADDITION
12140 Vivian Adams Dr, Waldorf, MD 20601

DATE	DESCRIPTION

A101

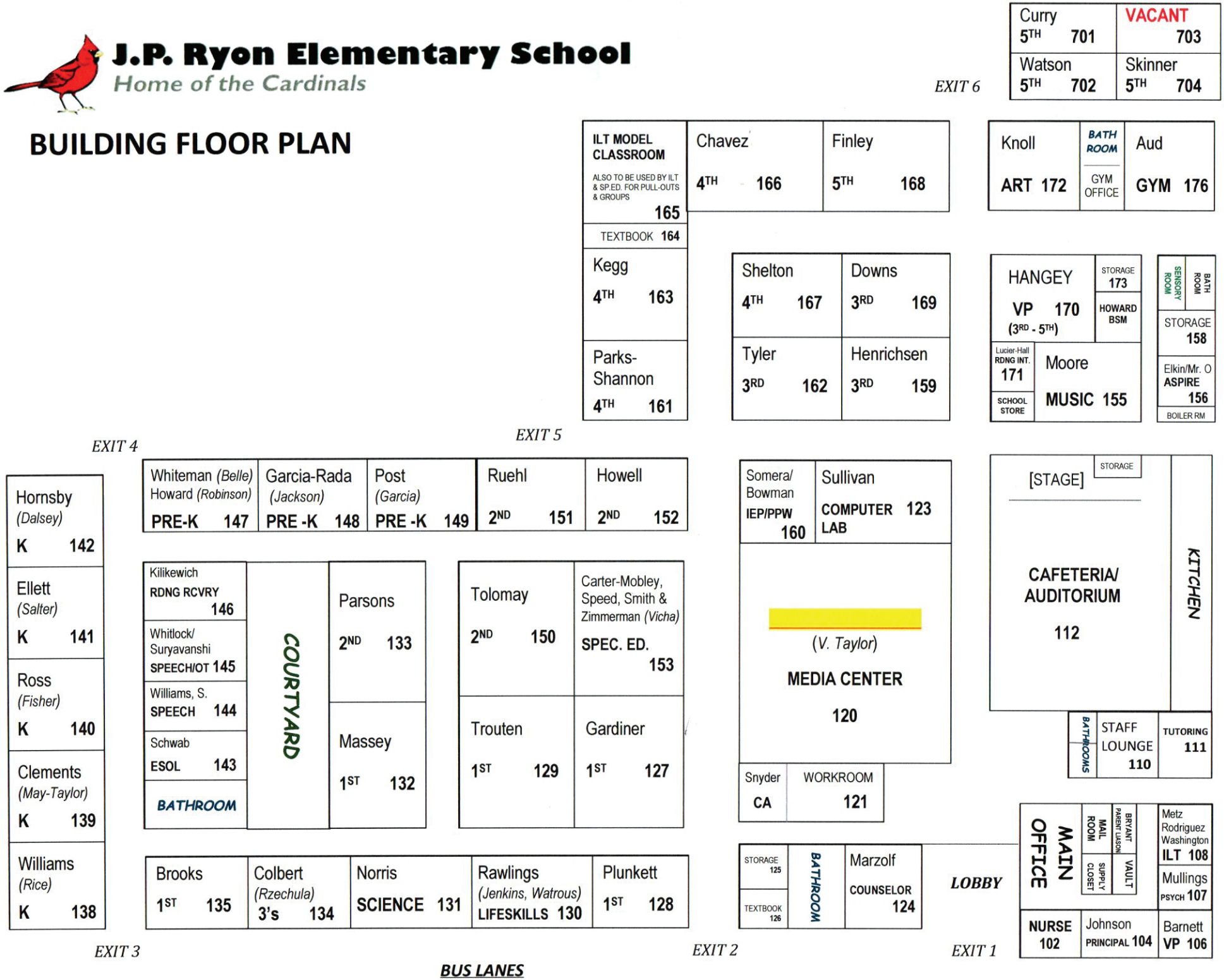
08/28/19
SCHEMATIC DESIGN SUBMISSION

© GRIMM AND PARKER ARCHITECTURE, INC.

J.P. Ryon Elementary School

Home of the Cardinals

BUILDING FLOOR PLAN



J.P. Ryon E. Full-Day K Addition

Kindergarten Enrollment (Head Count)								
Schools	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
Ryon E.	91	**74**	105	108	109	113	111	110

Pre-Kindergarten Enrollment (FTE)								
Schools	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
Ryon E.*	55.0	**48.0**	65.0	65.0	65.0	65.0	65.0	65.0

* All Day Pre-K
Enrollment Projections prepared 5/2/20
September 17, 2020 Telephone Count

J.P. Ryon Elementary

Gross Area:	73,748 sq ft		
State Rated Capacity:	640		
Enrollment	638	Staff	82
Grades Served:	Pre-K - 5	Part-time and Specialists	11
Number of Temp. Classrooms:	4	Parent Volunteers	25+
Year Built/Occupied:	1969	Total Staff	118
Latest Renovation:	1997		
Latest Addition:	1997		

Room / Space Use	# Rooms	Avg. # Students	# Classrooms (+ or -)
3 year old program	1	15	Judy Center supported
Pre-K	3	3 @ 17	
Kindergarten	5	18	
1	5	23	
2	4	26	
3	3	25	
4	4	28	
5	4	29	4 classes in portables

Other Programs		
Special Ed. Resource Room (Pull-out space)	1	
Music	1	
Strings	1	On Stage (Shares with Music)
Band	1	OnStage (Shares with Music)
Computer	1	
ILT	1	Uses Space in conference room
Psychologists	0	Uses a shared space, 3 days per week
P.E.	2	
Tri-County Specialists	1	Shared Space (where available)
Art	1	
Guidance	1	Small Room (Spec. programs / group work)
Science	1.5	Shared Space
Parent WorkRoom	1	Shared Space (small office)
Speech	1.5	Shared space (office)
Occ. Ther / Phys. Theraphist / School Psychol	1	Shared space, (Uses what is available)
E.S.O.L (English as Second Language)	1	Shares space (small office)
In-school Retention (ISR)	0	

Parking Spaces on-site	Actual	Parking surplus (+)	Parking Deficit (-)
Bus	18	0	
Staff	72	0	0
Volunteer / Parent	28	6	0
(Parking as minimum is based on 1 / classroom)			

Other School Data

Lunch shifts are crowded and extend into a large part of the day - 6 shifts (11:00 to 2:00)
Nurse station in office (minimal space available)

Addition Opportunities:

Generally, Site is very flat, in a rural setting. School has the classes clustered. play areas to far rear of school.

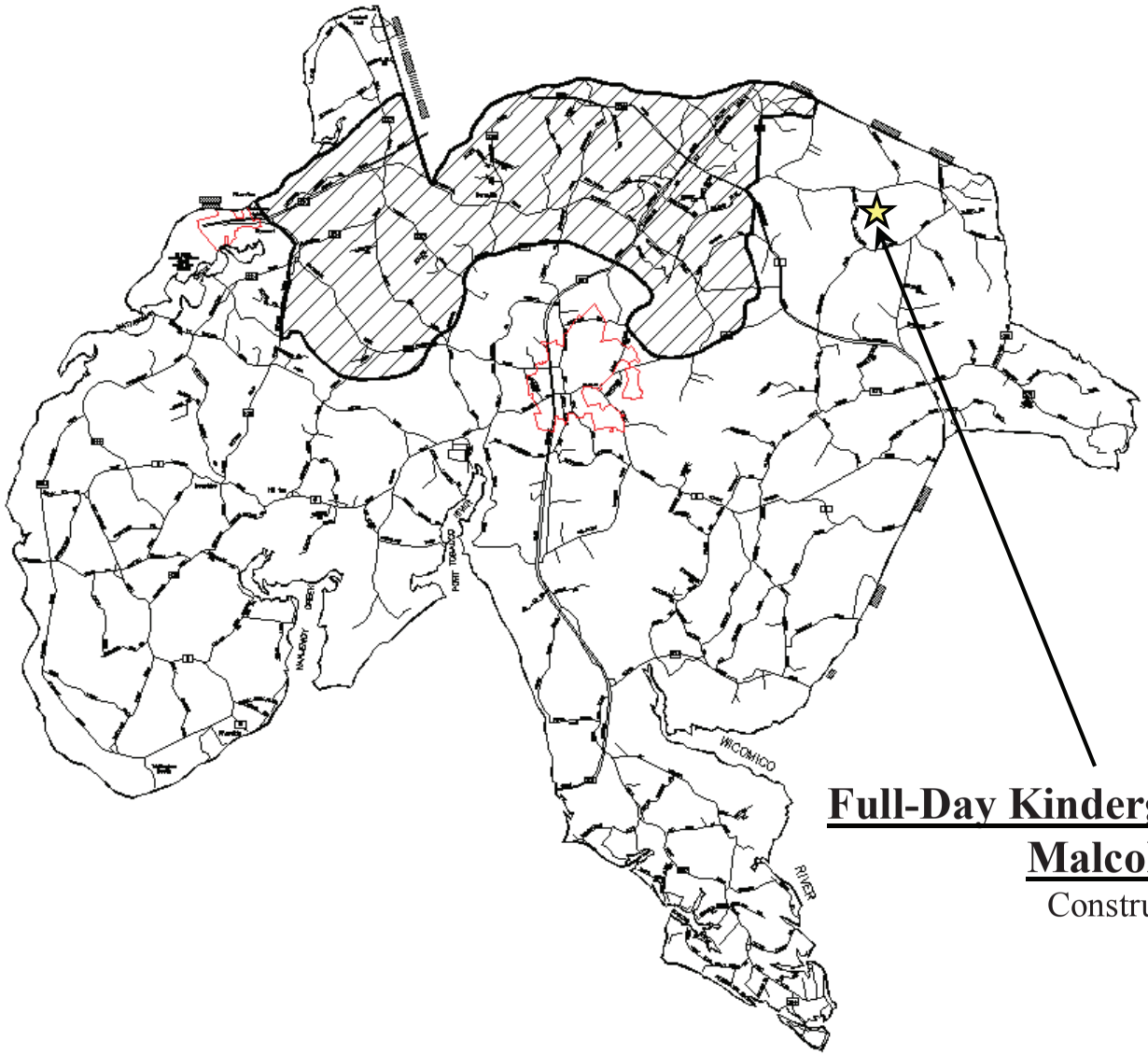
LEFT:	Tree line and property line. No opportunity for expansion.
FRONT:	School adjacent to bus parking, No opportunity for expansion.
RIGHT:	Building Facilites, Loading Zone, and large parking area. No opportunity for expansion.
REAR:	Existing Play areas and portable classrooms. Limited space on left rear of building.

PROJECT DESCRIPTION AND JUSTIFICATION

FULL-DAY KINDERGARTEN ADDITION/RENOVATION
J. P. RYON ELEMENTARY SCHOOL

There is need for permanent space to support pre-kindergarten programs at J.P. Ryon Elementary School in Waldorf. The building opened in 1969 and was renovated in 2001, with a classroom addition in 2001. The school was constructed with two kindergarten classrooms and one pre-kindergarten classroom as part of the renovation in 2001. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. J.P. Ryon is a Title 1 school and currently houses five kindergarten classes, three all day pre-kindergarten classes, and a three year olds program. An addition with five classrooms is proposed that would contain three regular kindergarten classrooms, one kindergarten inclusion classroom, and one Pre-k inclusion classroom. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten aged, special education students. This requires one classroom at both the kindergarten and pre-kindergarten levels to be increased in size to house an additional seven students, a special education teacher and an aide. Planning was approved in FY2019. Local construction funds were approved in FY2020. State construction funding will be requested in FY2022.

Project Location Map



Full-Day Kindergarten Addition
Malcolm E.
Construction

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Malcolm ES - Full Day Kindergarten Addition/Renovation**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **14760 Poplar Hill Road, Waldorf, Maryland 20601**

PRIORITY **9** Revised Date ____

PROJECT TYPE: NEW ____ ADDITION **X** REPLACEMENT ____ RENOVATION **X** LIMITED RENOVATION ____

SYSTEMIC RENOVATIONS ____ STATE-OWNED RELOCATABLES ____

COOPERATIVE USE ____ PROTOTYPE DESIGN ____ COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT ____

SCHOOL NUMBER **08.0902** GRADES **Pre-K - 5** SRC **394** PSC NO **08.024**

REQUEST FOR CURRENT FY: **$2,595,000**

TOTAL PRIOR STATE FUNDS: **$0**

DATE PLANNING APPROVED: **5/31/2018**

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **26.4** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA ____ Water ____ Sewer ____

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: **2019** Enrollment **88**

Gross Square Footage: New ____ Addition **7,200** Renovation 2,070 Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

b. State Scope Currently Proposed: 2022 Proposed Enrollment **88**

Gross Square Footage: New ____ Addition **7,200** Renovation 2,070 Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

c. LEA Scope: Proposed Enrollment **88**

Gross Square Footage: New ____ Addition **7,200** Renovation 2,070 Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

4. DESCRIPTION & JUSTIFICATION:

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Malcolm Elementary School in Waldorf. This school originally opened in 1955 and was renovated in 1984 after a classroom addition in 1963. A pre-kindergarten classroom was added in 1995. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Malcolm currently houses four kindergarten classes and one pre-k class. An addition containing four kindergarten classrooms and an activity area is proposed. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires that one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The existing kindergarten classrooms will be converted to regular classrooms. The project will require a fire pump, tank, and sprinkler lines to provide sprinkler coverage to the building in order to comply with current building and life safety codes. Planning was approved in FY2019. Local construction funding was approved in FY 2020. State construction funding is requested in FY2022.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **Malcolm ES - Full Day Kindergarten Addition/Renovation**

FY: **2022**

Date Submitted **10/7/20**

ADDRESS **14760 Poplar Hill Road, Waldorf, Maryland 20601**

PRIORITY **9**

Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**394**	**424**	**461**	**463**	**460**	**480**	**491**	**497**	**500**	-106
										0
										0
										0
										0
										0
TOTAL:	394	424	461	463	460	480	491	497	500	-106

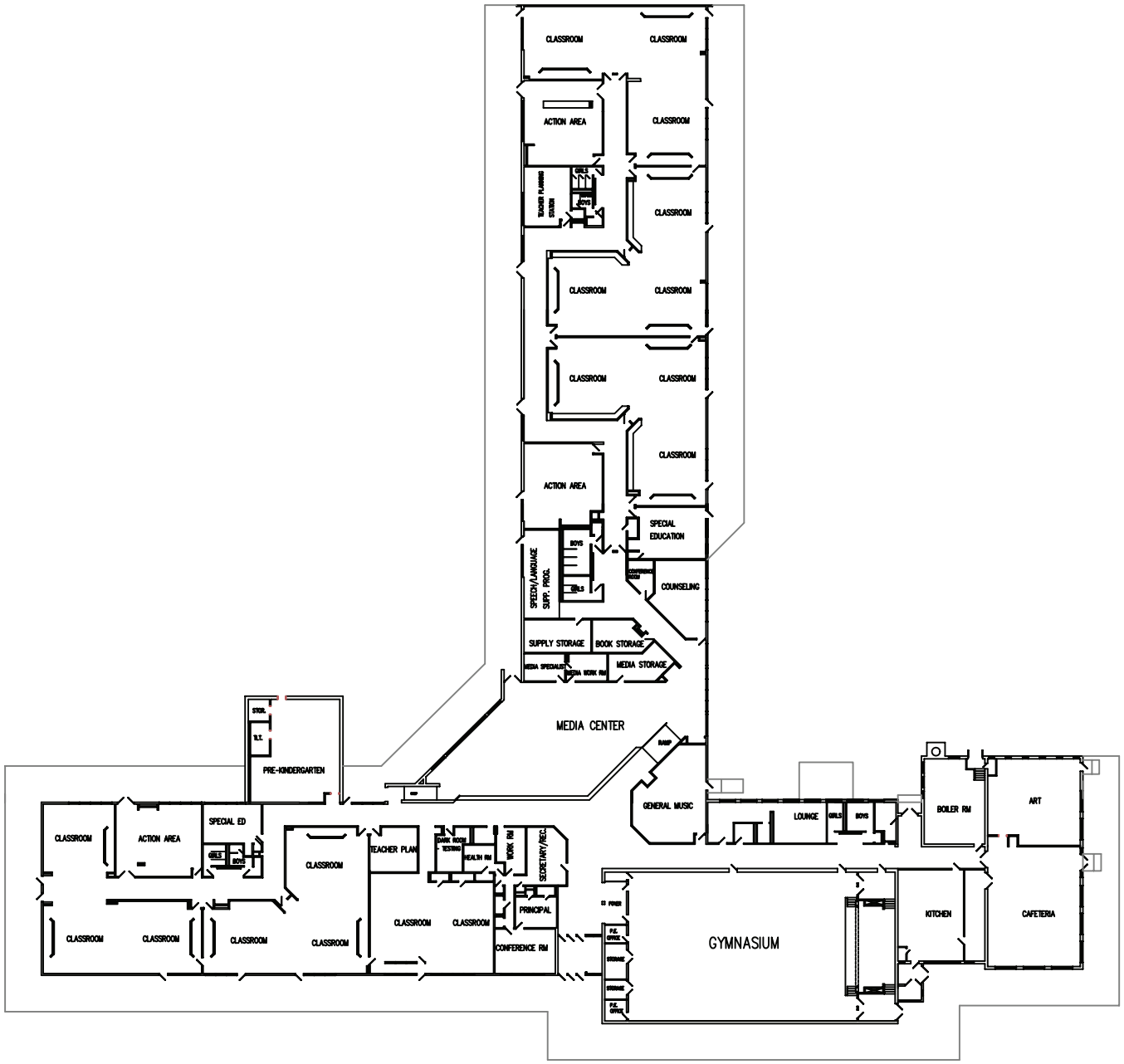
6. TRANSPORTATION MODAL SPLIT (for information purposes only):

7. EMERGENCY ELECTRICAL POWER:

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 3,993,000	$ 1,398,000	$ 2,595,000
Site Development	19%	$	$ -	$
Construction Cost		**$ 3,993,000**	**$ Input Required**	$ **Computation Input Required**
Contingency	2.5%	$ 100,000	$ 100,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 575,000	$ 575,000	$ N/A
Total		**$ 4,668,000**	**$ 2,073,000**	$ **2,595,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **July 2021** Occupancy Date: **August 2022**



SCALE

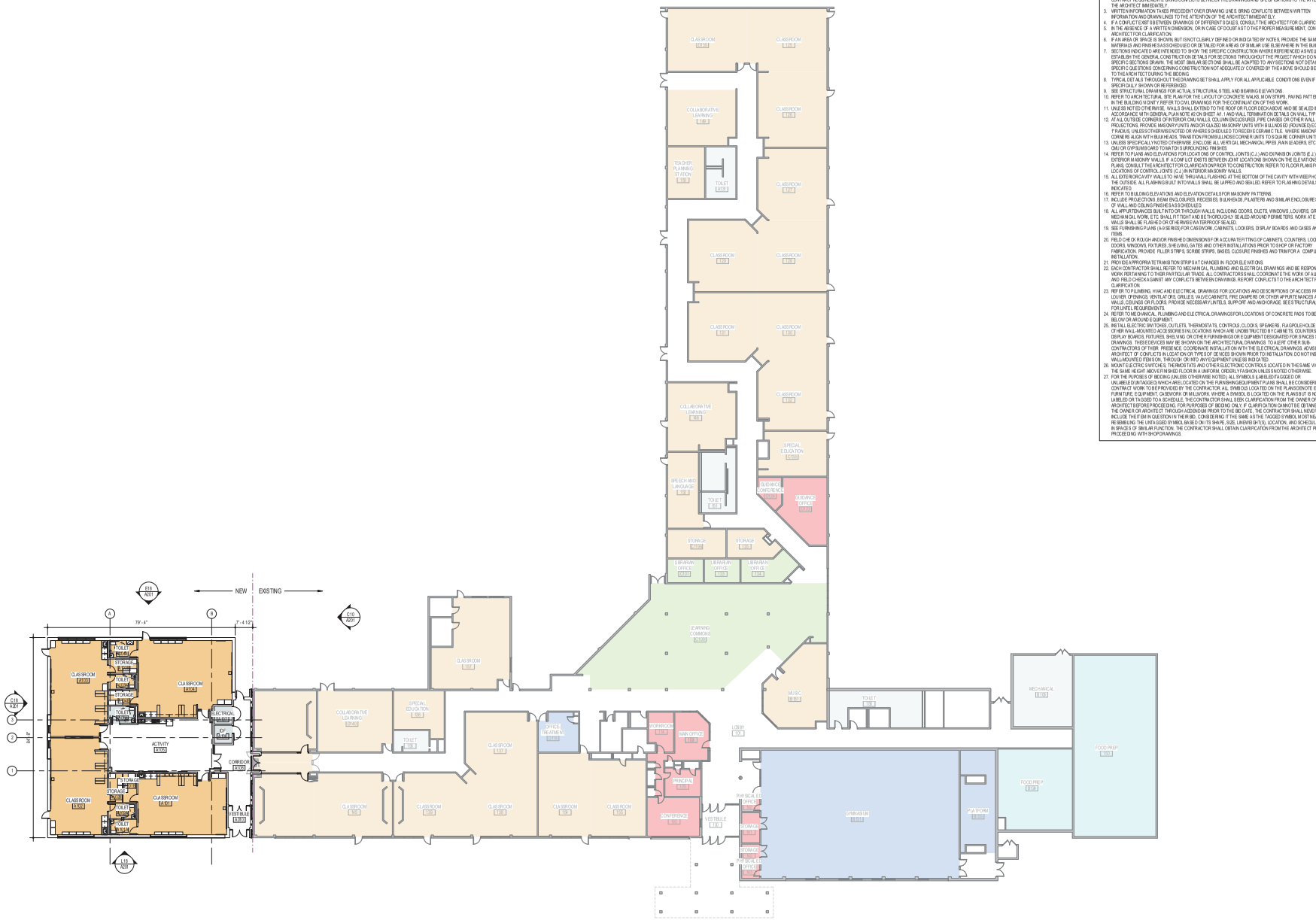
16 0 16 32 48

CHARLES COUNTY PUBLIC SCHOOLS
PLANNING & CONSTRUCTION DEPARTMENT
LAPLATA, MARYLAND 20646

TITLE:
MALCOLM ELEMENTARY SCHOOL
SCHEMATIC FLOOR PLAN

	DATE	DWG. NO. 07-A1
DRAWN	4/2004	
CHECKED		
APPROVED		SCALE AS SHOWN

GRIMM AND PARKER ARCHITECTURE, INC. 2017



A18 OVERALL FIRST FLOOR PLAN
1/16" = 1'-0"

GENERAL NOTES

GENERAL NOTE APPLICABLE TO ALL DRAWINGS - ITEMS AND CONDITIONS DETAILED, NOTED OR OTHERWISE IDENTIFIED ON ONE OF THE SECTIONS OR DETAILS ARE APPLICABLE AND BINDING TO ALL OTHER SECTIONS AND DETAILS FOR IDENTICAL OR SIMILAR CONDITIONS.

1. ALL CONSTRUCTION AND WORK SHOWN ON THE COMPLETE SET OF DRAWINGS IS ASSUMED TO BE NEW AND FURNISHED AND INSTALLED BY THE CONTRACTOR.
2. IF A CONFLICT EXISTS BETWEEN DRAWINGS AND/OR SPECIFICATIONS, THE MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY. ITEMS SHOWN ON THE DRAWINGS, BUT NOT SPECIFIED, SHALL APPLY AND BE FURNISHED AND INSTALLED BY THE CONTRACTOR. IF ANY ITEM IS SHOWN ON THE DRAWINGS, BUT IS NOT INCLUDED IN THE SPECIFICATIONS, PROVIDE ITEM OF A QUALITY LEVEL CONSISTENT WITH THE GENERAL QUALITY LEVEL OF THE CONTRACT REQUIREMENTS. BRING CONFLICTS BETWEEN THE DRAWINGS AND SPECIFICATIONS TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
3. WRITTEN INFORMATION TAKES PRECEDENT OVER DRAWING LINES. BRING CONFLICTS BETWEEN WRITTEN INFORMATION AND DRAWN LINES TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
4. IF A CONFLICT EXIST BETWEEN DRAWINGS OF DIFFERENT SCALES, CONSULT THE ARCHITECT FOR CLARIFICATION.
5. IN THE ABSENCE OF A WRITTEN DIMENSION, OR IN CASE OF DOUBT AS TO THE PROPER MEASUREMENT, CONSULT THE ARCHITECT FOR CLARIFICATION.
6. IF AN AREA OR SPACE IS SHOWN, BUT IS NOT CLEARLY DEFINED OR INDICATED BY NOTES, PROVIDE THE SAME MATERIALS AND FINISHES AS SCHEDULED OR DETAILED FOR AREAS OF SIMILAR USE ELSEWHERE IN THE BUILDING.
7. SECTIONS INDICATED ARE INTENDED TO SHOW THE SPECIFIC CONSTRUCTION WHERE REFERENCED AS WELL AS ESTABLISH THE GENERAL CONSTRUCTION DETAILS FOR SECTIONS THROUGHOUT THE PROJECT WHICH DO NOT HAVE SPECIFIC SECTIONS DRAWN. THE MOST SIMILAR SECTIONS SHALL BE ADAPTED TO ANY SECTIONS NOT DETAILED. ANY SPECIFIC QUESTIONS CONCERNING CONSTRUCTION NOT ADEQUATELY COVERED BY THE ABOVE SHOULD BE DIRECTED TO THE ARCHITECT DURING THE BIDDING.
8. TYPICAL DETAILS THROUGHOUT THE DRAWING SETS SHALL APPLY FOR ALL APPLICABLE CONDITIONS EVEN IF NOT SPECIFICALLY SHOWN OR REFERENCED.
9. SEE STRUCTURAL DRAWINGS FOR ACTUAL STRUCTURAL STEEL AND BEARING ELEVATIONS.
10. REFER TO ARCHITECTURAL SITE PLAN FOR THE LAYOUT OF CONCRETE WALKS, MOW STRIPS, PAVING PATTERNS, ETC. IN THE BUILDING VICINITY. REFER TO CIVIL DRAWINGS FOR THE CONTINUATION OF THIS WORK.
11. UNLESS NOTED OTHERWISE, WALLS SHALL EXTEND TO THE ROOF OR FLOOR DECK ABOVE AND BE SEALED IN ACCORDANCE WITH GENERAL PLAN NOTE #2 ON SHEET A1.1 AND WALL TERMINATION DETAILS ON WALL TYPES SHEET.
12. AT ALL OUTSIDE CORNERS OF INTERIOR CMU WALLS, COLUMN ENCLOSURES, PIPE CHASES OR OTHER WALL PROJECTIONS, PROVIDE MASONRY UNITS AND/OR GLAZED MASONRY UNITS WITH BULLNOSED (ROUNDED) EDGES WITH 1" RADIUS, UNLESS OTHERWISE NOTED OR WHERE SCHEDULED TO RECEIVE CERAMIC TILE. WHERE MASONRY CORNERS ALIGN WITH BULKHEADS, TRANSITION FROM BULLNOSE CORNER UNITS TO SQUARE CORNER UNITS.
13. UNLESS SPECIFICALLY NOTED OTHERWISE, ENCLOSE ALL VERTICAL MECHANICAL PIPES, RAIN LEADERS, ETC. WITH GYPSUM OR GYPSUM BOARD TO MATCH SURROUNDING FINISHES.
14. REFER TO PLANS AND ELEVATIONS FOR LOCATIONS OF CONTROL JOINTS (C.J.) AND EXPANSION JOINTS (E.J.) IN EXTERIOR MASONRY WALLS. IF A CONFLICT EXISTS BETWEEN JOINT LOCATIONS SHOWN ON THE ELEVATIONS AND PLANS, CONSULT THE ARCHITECT FOR CLARIFICATION PRIOR TO CONSTRUCTION. REFER TO FLOOR PLANS FOR LOCATIONS OF CONTROL JOINTS (C.J.) IN INTERIOR MASONRY WALLS.
15. ALL EXTERIOR CAVITY WALLS TO HAVE THRU-WALL FLASHING AT THE BOTTOM OF THE CAVITY WITH WEEP HOLES TO THE OUTSIDE. ALL FLASHING BUILT INTO WALLS SHALL BE LAPPED AND SEALED. REFER TO FLASHING DETAILS INDICATED.
16. REFER TO BUILDING ELEVATIONS AND ELEVATION DETAILS FOR MASONRY PATTERNS.
17. INCLUDE PROJECTIONS, BEAM ENCLOSURES, RECESSES, BULKHEADS, PILASTERS AND SIMILAR ENCLOSURES AS PART OF WALL AND CEILING FINISHES AS SCHEDULED.
18. ALL APPURTENANCES BUILT INTO OR THROUGH WALLS, INCLUDING DOORS, DUCTS, WINDOWS, LOUVERS, GRILLES, MECHANICAL WORK, ETC. SHALL FIT TIGHT AND BE THOROUGHLY SEALED AROUND PERIMETERS. WORK AT EXTERIOR WALLS SHALL BE FLASHED OR OTHERWISE WATERPROOF SEALED.
19. SEE FURNISHING PLANS (A-9 SERIES) FOR CASEWORK, CABINETS, LOCKERS, DISPLAY BOARDS AND CASES AND SIMILAR ITEMS.
20. FIELD CHECK ROUGH AND/OR FINISHED DIMENSIONS FOR ACCURATE FITTING OF CABINETS, COUNTERS, LOCKERS, DOORS, WINDOWS, FIXTURES, SHELVING, GATES AND OTHER INSTALLATIONS PRIOR TO SHOP OR FACTORY FABRICATION. PROVIDE FILLER STRIPS, SCRIBE STRIPS, BASES, CLOSURE FINISHES AND TRIM FOR A COMPLETE INSTALLATION.
21. PROVIDE APPROPRIATE TRANSITION STRIPS AT CHANGES IN FLOOR ELEVATIONS.
22. EACH CONTRACTOR SHALL REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND BE RESPONSIBLE FOR WORK PERTAINING TO THEIR PARTICULAR TRADE. ALL CONTRACTORS SHALL COORDINATE THE WORK OF ALL TRADES AND FIELD CHECK AGAINST ANY CONFLICTS BETWEEN DRAWINGS. REPORT CONFLICTS TO THE ARCHITECT FOR CLARIFICATION.
23. REFER TO PLUMBING, HVAC AND ELECTRICAL DRAWINGS FOR LOCATIONS AND DESCRIPTIONS OF ACCESS PANELS, COVER OPENINGS, VENTILATORS, GRILLES, VALVE CABINETS, FIRE DAMPERS OR OTHER APPURTENANCES AFFECTING WALLS, CEILINGS OR FLOORS. PROVIDE NECESSARY INSTALL, SUPPORT AND ANCHORAGE. SEE STRUCTURAL NOTES FOR LINTEL REQUIREMENTS.
24. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATIONS OF CONCRETE PADS TO BE PROVIDED BELOW OR AROUND EQUIPMENT.
25. INSTALL ELECTRICAL SWITCHES, OUTLETS, THERMOSTATS, CONTROLS, CLOCKS, SPEAKERS, FLAGPOLE HOLDERS AND OTHER WALL-MOUNTED ACCESSORIES IN LOCATIONS WHICH ARE UNOBSTRUCTED BY CABINETS, COUNTERS, RACKS, DISPLAY BOARDS, FIXTURES, SHELVING OR OTHER FURNISHINGS OR EQUIPMENT DESIGNATED FOR SPACES SHOWN ON DRAWINGS. THESE DEVICES MAY BE SHOWN ON THE ARCHITECTURAL DRAWINGS. TO ALERT OTHER SUB-CONTRACTORS OF THEIR PRESENCE, COORDINATE INSTALLATION WITH THE ELECTRICAL DRAWINGS. ADVISE THE ARCHITECT OF CONFLICTS IN LOCATION OR TYPES OF DEVICES SHOWN PRIOR TO INSTALLATION. DO NOT INSTALL WALL-MOUNTED ITEMS ON, THROUGH OR INTO ANY EQUIPMENT UNLESS INDICATED.
26. MOUNT ELECTRIC SWITCHES, THERMOSTATS AND OTHER ELECTRONIC CONTROLS LOCATED IN THE SAME VICINITY AT THE SAME HEIGHT ABOVE FINISHED FLOOR IN A UNIFORM, ORDERLY FASHION UNLESS NOTED OTHERWISE.
27. FOR THE PURPOSES OF BIDDING (UNLESS OTHERWISE NOTED) ALL SYMBOLS LABELED/TAGGED OR UNLABELED/UNTAGGED WHICH ARE LOCATED ON THE FURNISHING/EQUIPMENT PLANS SHALL BE CONSIDERED AS IN CONTRACT WORK TO BE PROVIDED BY THE CONTRACTOR. ALL SYMBOLS LOCATED ON THE PLANS DENOTE EITHER FURNITURE, EQUIPMENT, CASEWORK OR MILLWORK. WHERE A SYMBOL IS LOCATED ON THE PLANS BUT IS NOT LABELED OR TAGGED TO A SCHEDULE, THE CONTRACTOR SHALL SEEK CLARIFICATION FROM THE OWNER OR ARCHITECT BEFORE PROCEEDING. FOR PURPOSES OF BIDDING ONLY, IF CLARIFICATION CANNOT BE OBTAINED FROM THE OWNER OR ARCHITECT THROUGH ADDENDUM PRIOR TO THE BID DATE, THE CONTRACTOR SHALL NEVERTHELESS INCLUDE THE ITEM IN QUESTION IN THEIR BID. CONSIDERING IT THE SAME AS THE TAGGED SYMBOL MOST NEARLY RESEMBLING THE UNTAGGED SYMBOL BASED ON ITS SHAPE, SIZE, LINEWEIGHTS, LOCATION, AND SCHEDULED USAGE IN SPACES OF SIMILAR FUNCTION. THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO PROCEEDING WITH SHOP DRAWINGS.

11720 Beltsville Drive
Suite 600
Calverton, MD 20705
Tel: 301.595.1000
www.grimmandparker.com
G+P GRIMM AND PARKER

GP #21838.03

OVERALL FIRST FLOOR PLAN

MALCOLM ELEMENTARY SCHOOL CLASSROOM ADDITION
14760 POPLAR HILL RD, WALDORF, MD 20601

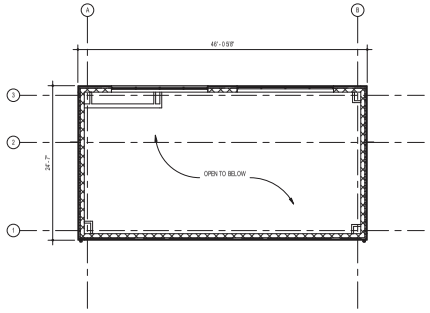
DATE	DESCRIPTION

A001

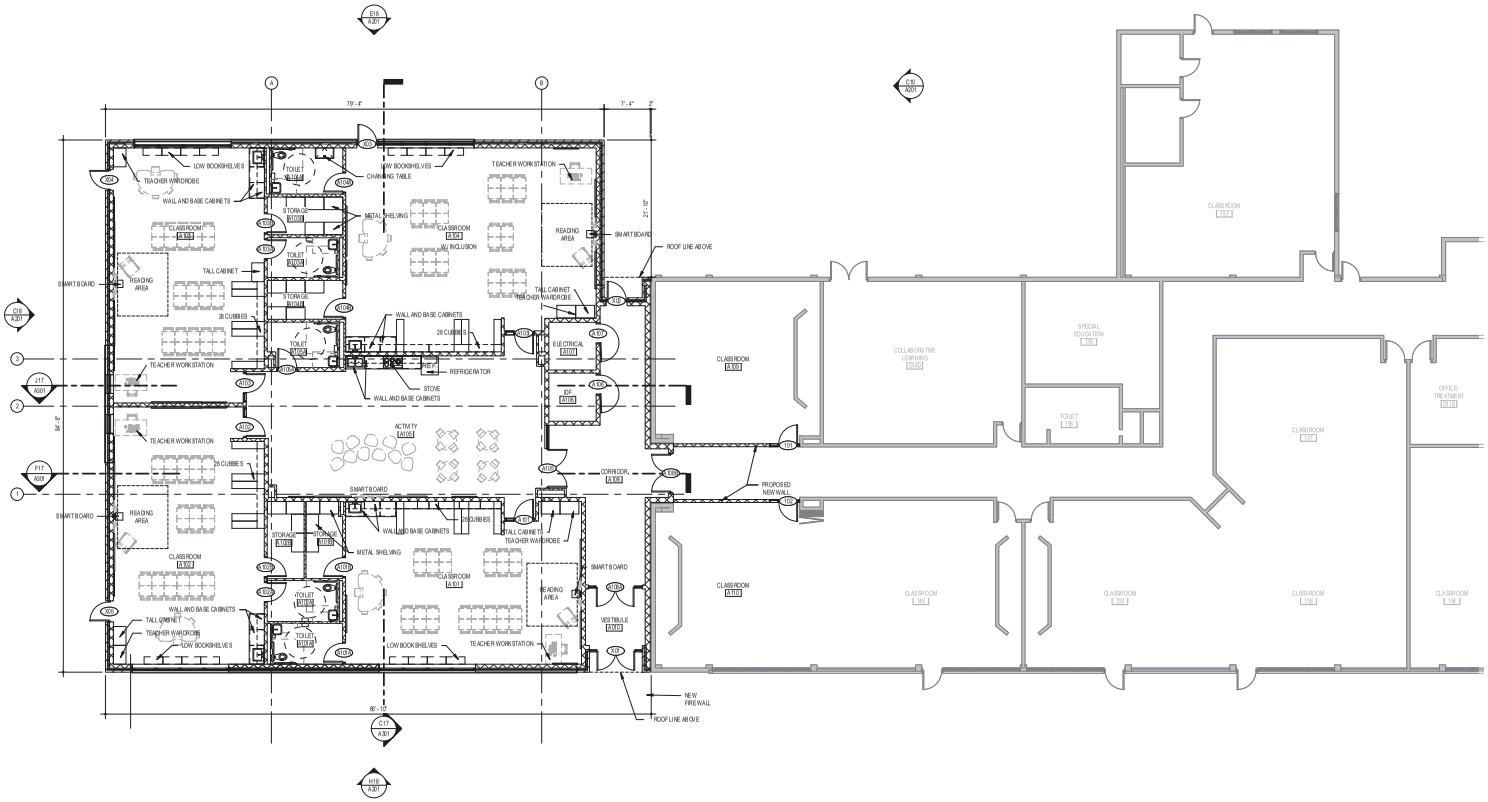
08/28/19
SCHEMATIC DESIGN SUBMISSION

GRIMM AND PARKER ARCHITECTURE, P.C. 2019

GRIMM AND PARKER ARCHITECTURE, INC. 2017



K10 CLERESTORY PLAN
1/8" = 1'-0"

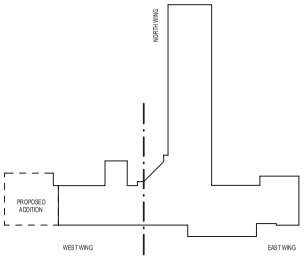


A17 PARTIAL FIRST FLOOR PLAN
1/8" = 1'-0"

GENERAL PLAN NOTES

GENERAL NOTE APPLICABLE TO ALL DRAWINGS – ITEMS AND CONDITIONS DETAILED, NOTED OR OTHERWISE IDENTIFIED ON ONE OF THE SECTIONS OR DETAILS ARE APPLICABLE AND BINDING TO ALL OTHER SECTIONS AND DETAILS FOR IDENTICAL OR SIMILAR CONDITIONS.

1. REFER TO WALL TYPES AS REFERENCED ON PLANS WITH THE DIAMOND SYMBOL. UNLESS REFERENCED OTHERWISE, ALL INTERIOR WALLS ARE THE TYPE AD AND ALL INTERIOR GYPSUM BOARD WALLS ARE TYPE K1.
2. UNLESS NOTED OTHERWISE, WALLS SHALL EXTEND TO THE ROOF OR FLOOR DECK ABOVE AND BE SEALED IN ACCORDANCE WITH THE WALL TERMINATION DETAILS. PERIMETER CORRIDOR AND LOBBY WALLS SHALL BE BUILT TO RESIST THEIR ASSIGNED SIMIC ONE.
3. DIMENSIONS ON PLANS ARE FROM FACE OF MASONRY TO FACE OF MASONRY, FACE OF MASONRY TO FACE OF GYPSUM BOARD OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.
4. COLUMN GRID LINES ARE FOR REFERENCE ONLY. REFER TO STRUCTURAL DRAWINGS FOR COLUMN LOCATIONS.
5. UNLESS SPECIFICALLY INDICATED OTHERWISE, THE SAME WALL TYPE NEXT TO A DOOR OR OPENING SHALL CONTINUE OVER THE DOOR OR OPENING.
6. PLAN LOCATION OF DOORS AND FRAMES RELATIVE TO THE PLANE OF THE WALLS DIAGRAMMATIC ONLY. REFER TO THE REFERENCED JAMB AND HEAD CONDITION DETAILS TO DETERMINE ACTUAL PLACEMENT OF DOOR AND FRAME.



11720 Beltsville Drive
Suite 600
Calverton, MD 20705
Tel: 301.595.1000
www.grimmandparker.com
GRIMM AND PARKER

GP #21838.03

FIRST FLOOR PLAN

MALCOLM ELEMENTARY SCHOOL CLASSROOM ADDITION
14760 POPLAR HILL RD, WALDORF, MD 20601

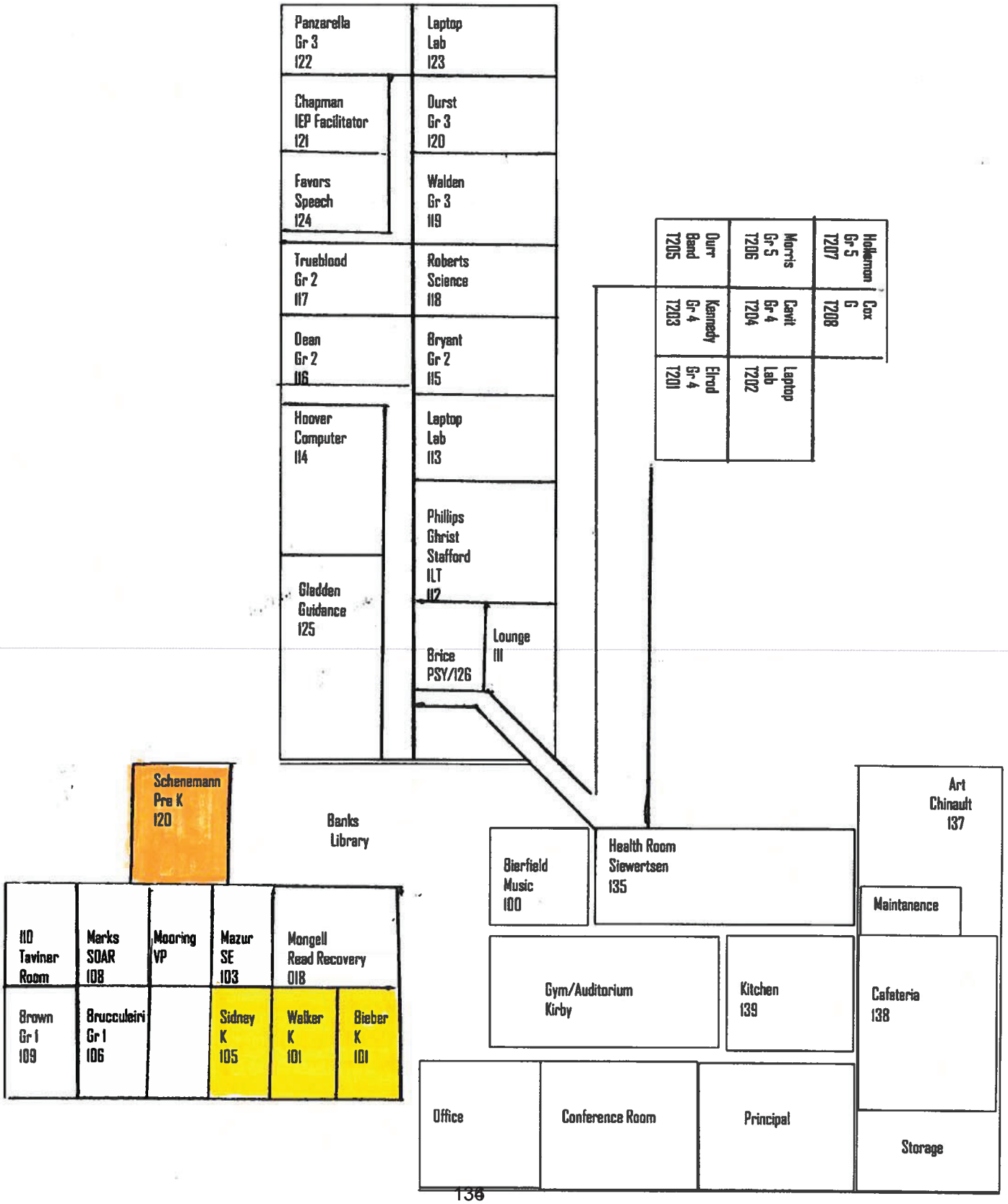
DATE	DESCRIPTION

A101

08/28/19
SCHEMATIC DESIGN SUBMISSION

GRIMM AND PARKER ARCHITECTURE, P.C. 2019

Malcolm Elementary School Map - SY19-20



Malcolm E. Full-Day K Addition

Kindergarten Enrollment (Head Count)								
Schools	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
Malcolm E.	56	**67**	75	79	83	88	88	88

Pre-Kindergarten Enrollment (FTE)								
Schools	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
Malcolm E.	19.0	**10.0**	20.0	20.0	20.0	20.0	20.0	20.0

* All Day Pre-K

Enrollment Projections prepared 5/2/20

September 17, 2020 Telephone Count

Malcolm Elementary

Gross Area:	51,328 sq ft		
State Rated Capacity:	394		
Enrollment	424	Staff	64
Grades Served:	Pre-K - 5	Part-time and Specialists	10
Number of Temp. Classrooms:	8	Parent Volunteers	18
Year Built/Occupied:	1955	Total Staff	92
Latest Renovation:	1984		
Latest Addition:	1995		

Room / Space Use	# Rooms	Avg. # Students	# Classrooms (+ or -)
Pre-K	1	2 @ 20	In Pre-K room built 1995
Kindergarten	4	18	
1	4	19	
2	4	20	
3	4	19	
4	4	26	4 classes in portables
5	4	28	4 classes in portables

Other Programs		
Special Ed. Resource Room (Pull-out space)	1	
Music	1	
Strings	1	On Stage (Shares with Music)
Band	1	OnStage (Shares with Music)
Computer	1	
ILT	0	Uses Space in V.P Office
Psychologists	0	Uses a shared space, 3 days per week
P.E.	1	
Tri-County Specialists	0	Shared Space (where available)
Art	1	
Guidance	1	Small Room (Spec. programs / group work)
Science	1	
Parent WorkRoom	0	No Space Available
Speech	0	Shared space
Occ. Ther / Phys. Theraphist / School Psychol	1	Shared space, (Uses what is available)
E.S.O.L (English as Second Language)	0	Shares space (where available)
In-school Retention (ISR)	1	Small shared space (where avail)

Parking Spaces on-site	Actual	Parking surplus (+)	Parking Deficit (-)
Bus	12	0	
Staff	64	0	0
Volunteer / Parent	18	6	0
(Parking as minimum is based on 1 / classroom)			

Other School Data

Lunch shifts are crowded and extend into a large part of the day - 6 shifts (10:30 to 2:30)
Nurse station in Teacher Lounge (minimal Teacher space available)

Addition Opportunities:

Generally, Site is very flat, in a rural setting. School is an inverted 'T' shape with upper grades and assoc. play areas to far rear of school.

LEFT:	Wing continuation is possible with tennis court displacement.(Exist. Play areas adjacent)
FRONT:	School adjacent to parking, No opportunity for expansion.
RIGHT:	Building Facilites and Loading Zone. Right Rear has 8 portable classrooms and well system.
REAR:	Existing Play areas, adjacent to Upper Grades, Far from entry

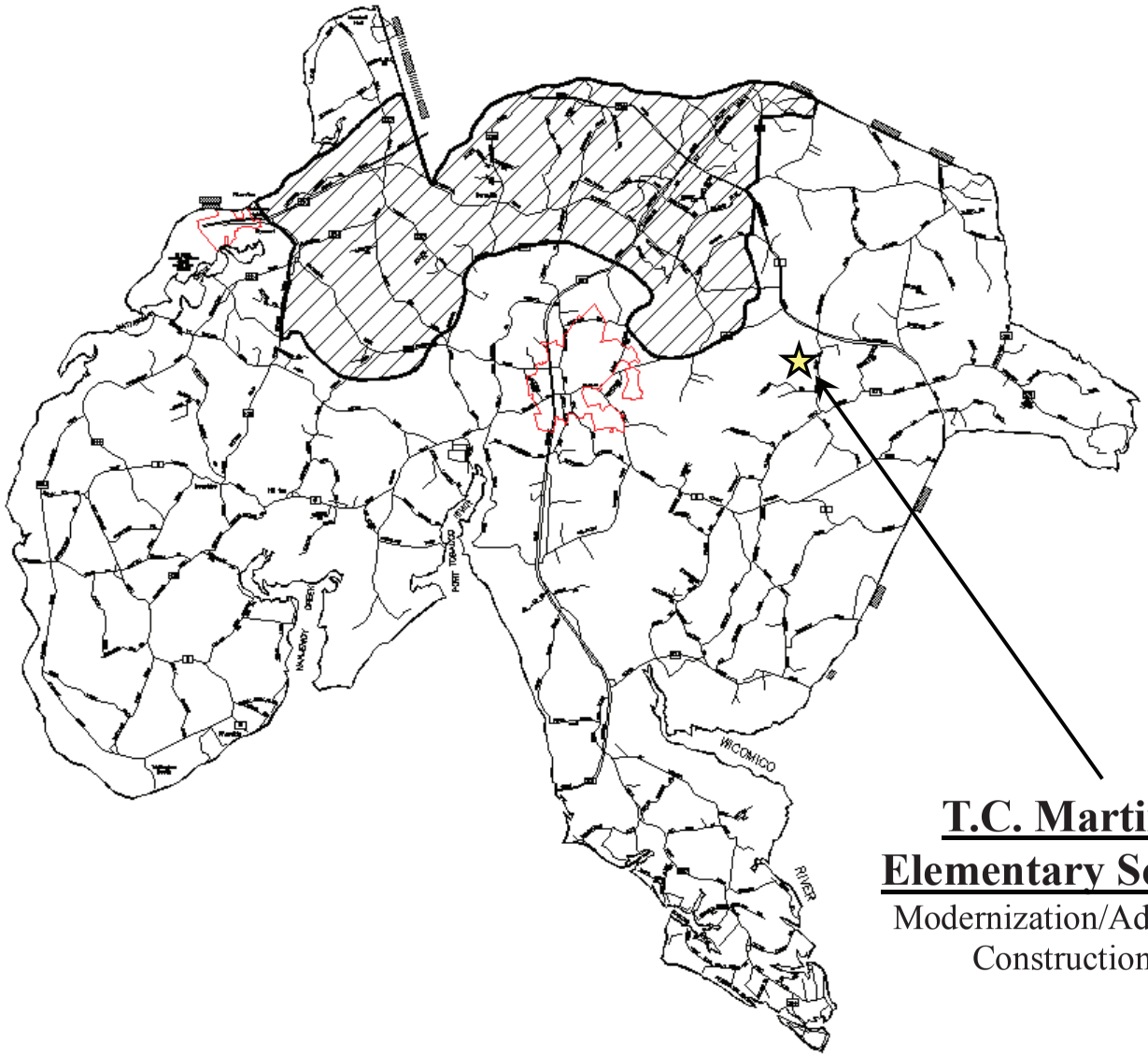
PROJECT DESCRIPTION AND JUSTIFICATION

FULL-DAY KINDERGARTEN ADDITION/RENOVATION
MALCOLM ELEMENTARY SCHOOL

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Malcolm Elementary School in Waldorf. This school originally opened in 1955 and was renovated in 1984 after a classroom addition in 1963. A pre-kindergarten classroom was added in 1995. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Malcolm currently houses four kindergarten classes and one pre-k class. An addition containing four kindergarten classrooms and an activity area is proposed. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires that one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The existing kindergarten classrooms will be converted to regular classrooms. The project will require a fire pump, tank, and sprinkler lines to provide sprinkler coverage to the building in order to comply with current building and life safety codes. Planning was approved in FY2019. Local construction funds were approved in FY2020. State construction funding will be requested in FY2022.

Project Location Map

Modernization – FY2022



T.C. Martin Elementary School
Modernization/Addition Construction

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools** REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **T.C. Martin ES - Modernization/Addition** FY: **2022** Date Submitted **10/7/20**

ADDRESS **6315 Oliver Shop Road, Bryantown, Maryland 20617** PRIORITY **10** Revised Date ____

PROJECT TYPE: NEW ____ ADDITION **X** REPLACEMENT ____ RENOVATION **X** LIMITED RENOVATION ____

SYSTEMIC RENOVATIONS ____ STATE-OWNED RELOCATABLES ____

COOPERATIVE USE ____ PROTOTYPE DESIGN ____ COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT ____

SCHOOL NUMBER **08.0801** GRADES **Pre-K - 5** SRC **450** PSC NO **08.040**

REQUEST FOR CURRENT FY: **$6,788,000**
TOTAL PRIOR STATE FUNDS: **$0**
DATE PLANNING APPROVED: **5/31/2019**

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$6,788,000	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **30.0** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA ____ Water ____ Sewer ____

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: **2020** Enrollment **656**

Gross Square Footage: New ____ Addition **24,659** Renovation 38,346 Demolition 6,000

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition **2,000** Renovation 1,000

b. State Scope Currently Proposed: 2022 Proposed Enrollment **656**

Gross Square Footage: New ____ Addition **24,659** Renovation 38,346 Demolition 6,000

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition **2,000** Renovation 1,000

c. LEA Scope: Proposed Enrollment **656**

Gross Square Footage: New ____ Addition **24,659** Renovation 38,346 Demolition 6,000

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition **2,000** Renovation 1,000

4. DESCRIPTION & JUSTIFICATION:

The need is for renovation and addition at T.C. Martin Elementary School, which opened in 1967 and located in Bryantown. The major building systems have exceeded their normal life and will be replaced as part of the renovation. The building will be modernized and expanded for increased enrollment and to meet current educational program requirements. The school received a full-day kindergarten addition in 2009 that will not be renovated. State Planning was approved in FY2020. Local funding to initiate planning was approved in FY 2021. State and Local construction funding will be requested in FY2022 & FY2023. Dr. THomas Higdon Elementary School is not listed as an adjacent school due to the distance from the subject school.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools** REQUEST TYPE: PLANNING FUNDING **X**

SCHOOL NAME **T.C. Martin ES - Modernization/Addition** FY: **2022** Date Submitted **10/7/20**

ADDRESS **6315 Oliver Shop Road, Bryantown, Maryland 20617** PRIORITY **10** Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**450**	**471**	**533**	**539**	**527**	**530**	**538**	**533**	**531**	-81
J.P. Ryon ES	**Used under Priority #3**									0
Malcolm ES	**394**	**424**	**461**	**463**	**460**	**480**	**491**	**497**	**500**	-106
Mary H. Matula ES	**656**	**532**	**581**	**590**	**576**	**576**	**596**	**599**	**610**	46
Walter J. Mitchell ES	**578**	**610**	**632**	**641**	**610**	**634**	**654**	**663**	**677**	-99
TOTAL:	2,078	2,037	2,207	2,233	2,173	2,220	2,279	2,292	2,318	-240

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

This school has no walking zone. All students are assigned a bus.

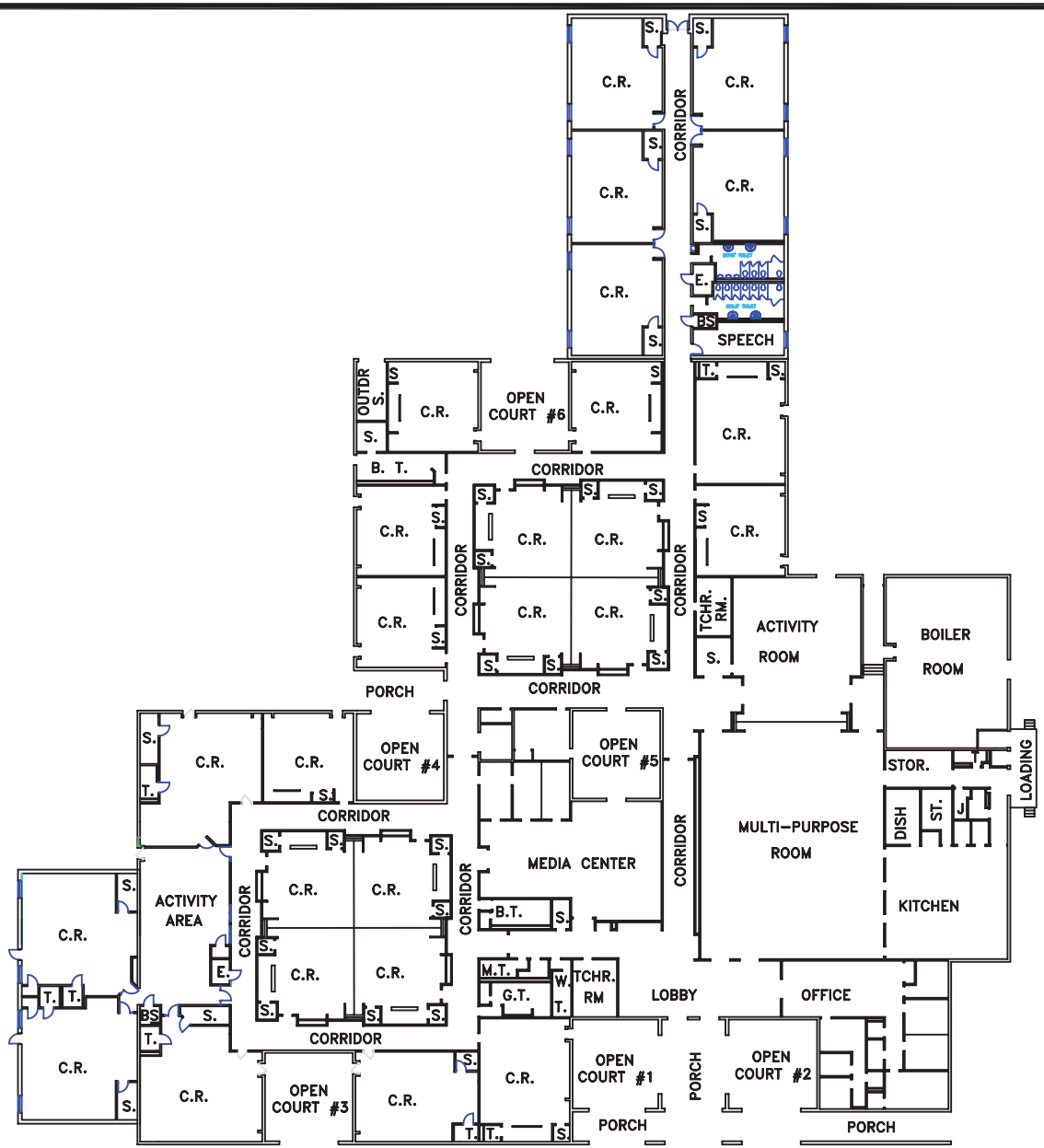
7. EMERGENCY ELECTRICAL POWER:

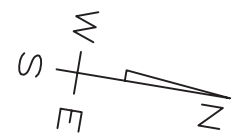
A meeting is scheduled for this fall to discuss the emergency shelter process for this facility.

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 27,091,000	$ 13,515,000	$ 13,576,000
Site Development	19%	$	$ -	$
Construction Cost		**$ 27,091,000**	**$ 11,980,000**	$ **15,111,000**
Contingency	2.5%	$ 500,000	$ 500,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 4,506,000	$ 4,506,000	$ N/A
Total		**$ 32,097,000**	**$ 30,501,000**	$ **13,576,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **July 2021** Occupancy Date: **August 2022**





SCALE

16 0 16 32 48

CHARLES COUNTY PUBLIC SCHOOLS
PLANNING & CONSTRUCTION DEPARTMENT
LAPLATA, MARYLAND 20646

TITLE: T. C. MARTIN ELEMENTARY SCHOOL
SCHEMATIC FLOOR PLAN

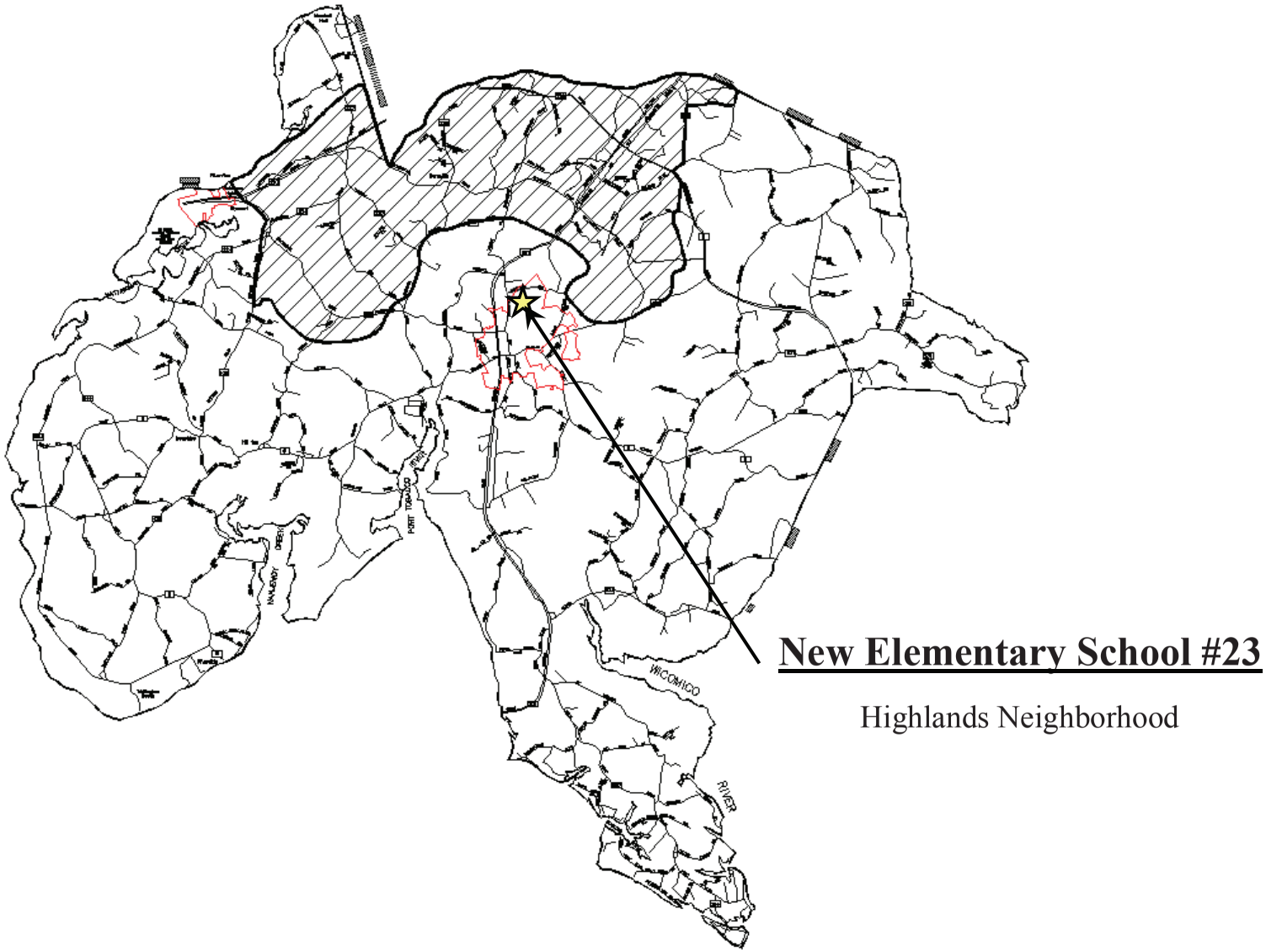
	DATE	DWG. NO. 08-A1
DRAWN	8/1992	
CHECKED		
APPROVED		SCALE AS SHOWN

PROJECT DESCRIPTION AND JUSTIFICATION

T. C. Martin Elementary School- Renovation/Addition

The need is for renovation and addition at T.C. Martin Elementary School, which opened in 1967 and located in Bryantown. The major building systems have exceeded their normal life and will be replaced as part of the renovation. The building will be modernized and expanded for increased enrollment and to meet current educational program requirements. The school received a full-day kindergarten addition in 2009 that will not be renovated. State Planning was approved in FY2020. Local funding to initiate planning was approved in FY 2021. State and Local construction funding will be requested in FY2022 & FY2023.

Project Location Map



REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools** | REQUEST TYPE: PLANNING ___ FUNDING **X**

SCHOOL NAME **Elementary School #23 - Highland Neighborhood** | FY: **2022** | Date Submitted **10/7/20**

ADDRESS **Waldorf, Maryland 20603** | PRIORITY **11** | Revised Date

PROJECT TYPE: NEW **X** ADDITION ___ REPLACEMENT ___ RENOVATION ___ LIMITED RENOVATION ___
SYSTEMIC RENOVATIONS ___ STATE-OWNED RELOCATABLES ___

COOPERATIVE USE ___ PROTOTYPE DESIGN ___ COST SHARE % STATE **65%** LOCAL 35%
HIGH PERFORMANCE ___ ELECTRICAL UPGRADE/REPLACEMENT ___

SCHOOL NUMBER **08.0803** GRADES **Pre-K - 5** SRC **766** PSC NO **08.049**

REQUEST FOR CURRENT FY: **$11,500,000**
TOTAL PRIOR STATE FUNDS: **$0**
DATE PLANNING APPROVED: **5/31/2020**

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$11,500,000	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **19.3** Date IAC Approved ___ MHT Category # ___ Date of MHT Review ___ In PFA ___ Water ___ Sewer ___

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: 2021 Enrollment **766**
Gross Square Footage: New **85,302** Addition ___ Renovation ___ Demolition ___
Cooperative-Use Space GSF: **WITHIN** above GSF New ___ Addition ___ Renovation ___

b. State Scope Currently Proposed: 2022 Proposed Enrollment **766**
Gross Square Footage: New **90,361** Addition ___ Renovation ___ Demolition ___
Cooperative-Use Space GSF: **WITHIN** above GSF New ___ Addition ___ Renovation ___

c. LEA Scope: 2022 Proposed Enrollment **766**
Gross Square Footage: New **95,000** Addition ___ Renovation ___ Demolition ___
Cooperative-Use Space GSF: **WITHIN** above GSF New ___ Addition ___ Renovation ___

4. DESCRIPTION & JUSTIFICATION:

The need is for additional school capacity in the St. Charles development area of Waldorf. Continued development in the county's development district will cause enrollment at the elementary level to exceed the capacity of the existing schools serving that area. Elementary School #23 site has been approved by Maryland Department of Planning, through the State Clearinghouse process. The school will serve a population that includes students with special needs, students with low English proficiency, and children eligible to participate in the free and reduced meal program. A school with a rated capacity of 766 was approved for planning in FY2021. Construction funds will be requested in FY2022 and FY2023.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools** REQUEST TYPE: PLANNING FUNDING **X**

SCHOOL NAME **Elementary School #23 - Highland Neighborhood** FY: **2022** Date Submitted **10/7/20**

ADDRESS **Waldorf, Maryland 20603** PRIORITY **11** Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:										
Mary H. Matula ES	**Used under Priority #10**									0
Arthur Middleton ES	**507**	**547**	**565**	**574**	**557**	**575**	**595**	**599**	**612**	-105
Daniel of St. Thomas Jenifer ES	**588**	**630**	**637**	**627**	**634**	**647**	**649**	**654**	**659**	-71
J.P. Ryon ES	**640**	**638**	**705**	**714**	**707**	**721**	**741**	**744**	**759**	-119
Dr. James Craik ES	**519**	**502**	**511**	**514**	**502**	**504**	**512**	**508**	**508**	11
Malcolm ES	**Used under Priority #10**									0
T.C. Martin ES	**Used under Priority #10**									0
TOTAL:	2,254	2,317	2,418	2,429	2,400	2,447	2,497	2,505	2,538	-284

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

This school has no walking zone. All students are assigned a bus.

7. EMERGENCY ELECTRICAL POWER:

A meeting is scheduled for this fall to discuss the emergency shelter process for this facility.

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 39,391,000	$ 16,391,000	$ 23,000,000
Site Development	19%	$	$ -	$
Construction Cost		**$ 39,391,000**	**$ 16,395,000**	$ **22,996,000**
Contingency	2.5%	$ 918,000	$ 918,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 4,882,000	$ 4,882,000	$ N/A
Total		**$ 45,191,000**	**$ 22,195,000**	$ **23,000,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022&2023** Bid **July 2021** Occupancy Date: **August 2022**

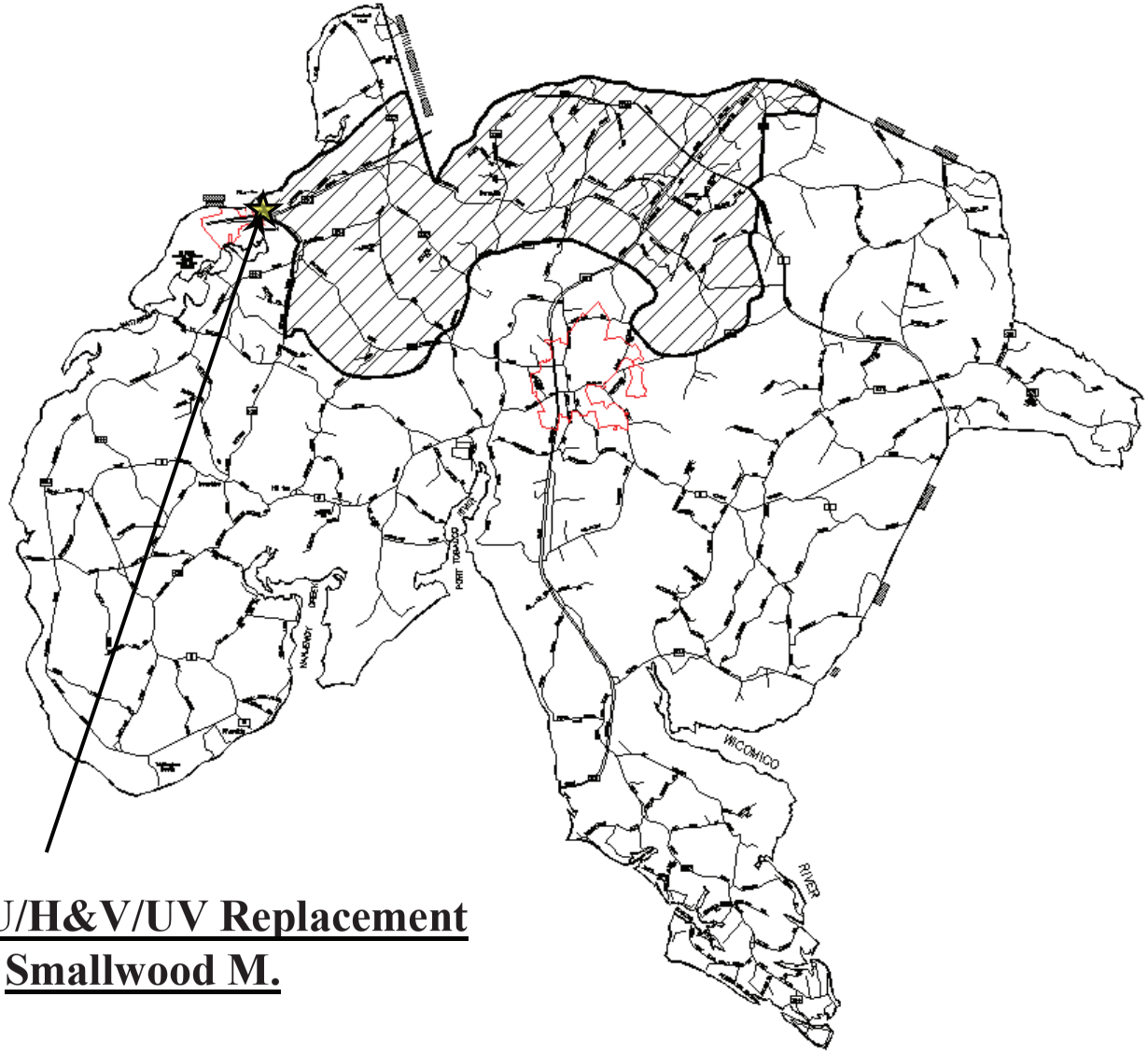
PROJECT DESCRIPTION AND JUSTIFICATION

NEW ELEMENTARY SCHOOL #23 – HIGHLANDS NEIGHBORHOOD

The need is for additional school capacity in the St. Charles development area of Waldorf. Continued development in the county's development district will cause enrollment at the elementary level to exceed the capacity of the existing schools serving that area. Elementary School #23 site has been approved by Maryland Department of Planning, through the State Clearinghouse process. The school will serve a population that includes students with special needs, students with low English proficiency, and children eligible to participate in the free and reduced meal program. A school with a rated capacity of 766 was approved for planning in FY2021. Construction funds will be requested in FY2022 and FY2023.

Project Location Map

Systemic Renovation – FY2022



Roof/RTU/H&V/UV Replacement
Smallwood M.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **General Smallwood MS - Roof/RTU/UV Replacement - Systemic**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **4990 Indian Head Highway, Indian Head, Maryland 20640**

PRIORITY **12** Revised Date ____

PROJECT TYPE: NEW ____ ADDITION ____ REPLACEMENT ____ RENOVATION ____ LIMITED RENOVATION ____

SYSTEMIC RENOVATIONS **X** STATE-OWNED RELOCATABLES ____

COOPERATIVE USE ____ PROTOTYPE DESIGN ____ COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ____ ELECTRICAL UPGRADE/REPLACEMENT ____

SCHOOL NUMBER **08.0705** GRADES **6 - 8** SRC **604** PSC NO **08.005**

REQUEST FOR CURRENT FY: **$2,363,000**

TOTAL PRIOR STATE FUNDS: **$0**

DATE PLANNING APPROVED: ____

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$0	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **16.0** Date IAC Approved ____ MHT Category # ____ Date of MHT Review ____ In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

			RENOVATED		DEMOLISHED		TOTAL
	Gross SF	Date	Gross SF	Date	Gross SF	Date	Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: ____ Enrollment ____

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

b. State Scope Currently Proposed: 2022 Proposed Enrollment **604**

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

c. LEA Scope: Proposed Enrollment ____

Gross Square Footage: New ____ Addition ____ Renovation ____ Demolition ____

Cooperative-Use Space GSF: **WITHIN** above GSF New ____ Addition ____ Renovation ____

4. DESCRIPTION & JUSTIFICATION:

The need is for a systemic renovation at Smallwood Middle School, which was renovated in 1979 and serves a portion of the development district. The roof, two heating and ventilating units, chiller and classroom unit ventilators were installed when the building was renovated in 1979 and are approaching the end of their useful life. Approximately 40 unit ventilators, fan-coil units, & convention units have been replaced as part of the FY 2013 & FY 2014 Aging Schools Program (ASP) at the school. The majority of the second floor units have been replaced and select areas on the first floor have been replaced. The installation of a four-ply, built-up roof with positive drainage or other acceptable roofing system is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unseen problems. The installation of new efficient HVAC units is proposed, which are environmentally friendly, and will increase the overall efficiency of the heating cooling systems and reduce the operating costs. Charles County Public Schools recently commissioned a team of consultants to provide a budget and scope analysis for mechanical, electrical, and plumbing. Their evaluation of the project and scope of work showed the need to increase the budget. Local funding to initiate planning was approved in FY 2021. State and local construction funding will be requested in FY2022.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING ____ FUNDING **X**

SCHOOL NAME **General Smallwood MS - Roof/RTU/UV Replacement - Systemic**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **4990 Indian Head Highway, Indian Head, Maryland 20640**

PRIORITY **12** Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**604**	**501**	**502**	**494**	**518**	**514**	**514**	**492**	**499**	105
										0
										0
										0
										0
										0
TOTAL:	604	501	502	494	518	514	514	492	499	105

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

7. EMERGENCY ELECTRICAL POWER:

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 3,649,000	$ 1,286,000	$ 2,363,000
Site Development	19%	$	$	$
Construction Cost		**$ 3,649,000**	**$ 1,286,000**	$ **2,363,000**
Contingency	2.5%	$ 500,000	$ 500,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 480,000	$ 480,000	$ N/A
Total		**$ 4,629,000**	**$ 2,266,000**	$ **2,363,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **July 2021** Occupancy Date: **August 2022**

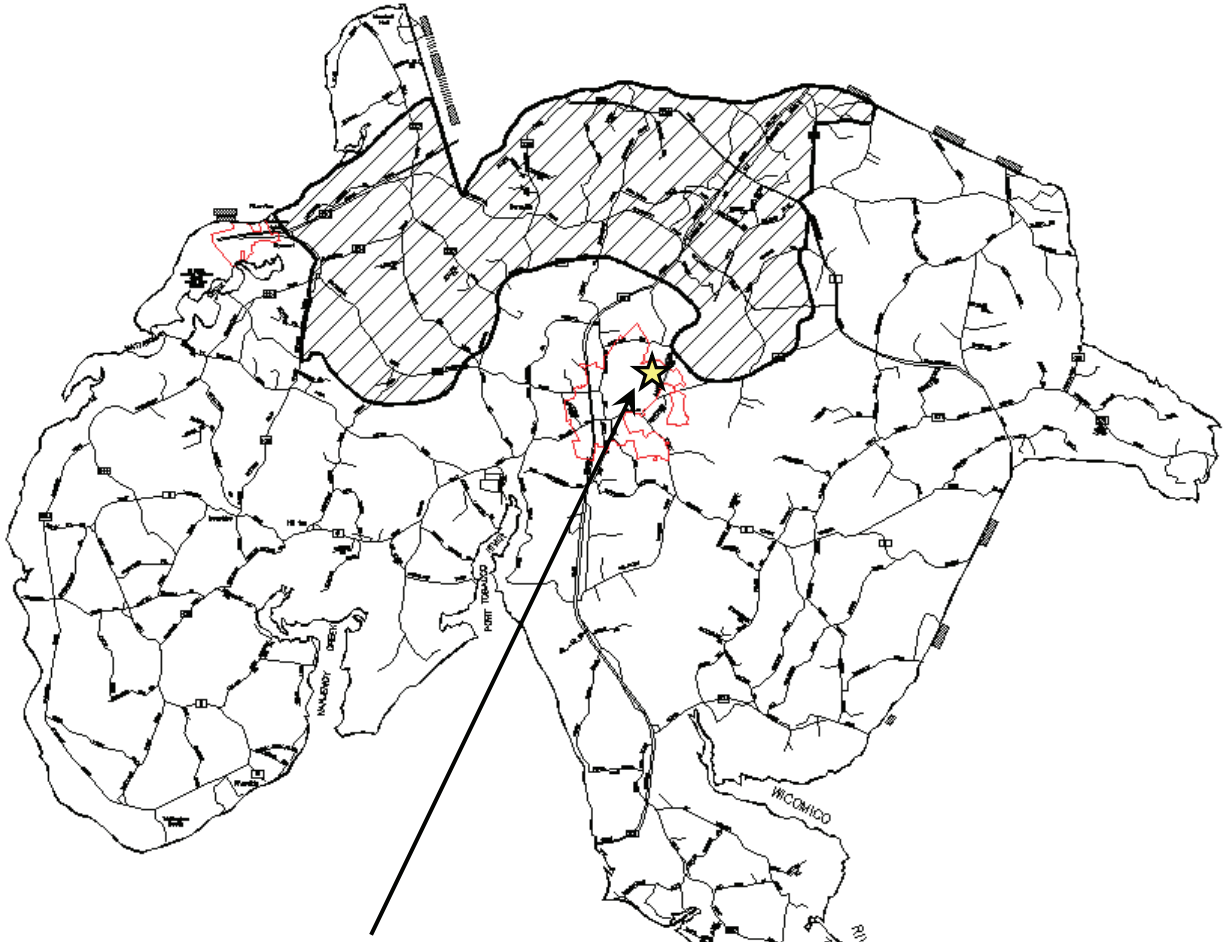
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF/RTU/H&V/UV REPLACEMENTS
GENERAL SMALLWOOD MIDDLE SCHOOL

The need is for a systemic renovation at Smallwood Middle School, which was renovated in 1979 and serves a portion of the development district. The roof, two heating and ventilating units, chiller and classroom unit ventilators were installed when the building was renovated in 1979 and are approaching the end of their useful life. Approximately 40 unit ventilators, fan-coil units, & convention units have been replaced as part of the FY 2013 & FY 2014 Aging Schools Program (ASP) at the school. The majority of the second floor units have been replaced and select areas on the first floor have been replaced. The installation of a four-ply, built-up roof with positive drainage or other acceptable roofing system is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unseen problems. The installation of new efficient HVAC units is proposed, which are environmentally friendly, and will increase the overall efficiency of the heating cooling systems and reduce the operating costs. Charles County Public Schools recently commissioned a team of consultants to provide a budget and scope analysis for mechanical, electrical, and plumbing. Their evaluation of the project and scope of work showed the need to increase the budget. Local funding to initiate planning was approved in FY 2021. State and local construction funding will be requested in FY2022.

Project Location Map

Renovation – FY2022



<u>La Plata High School</u>

Renovation- Security Enhancements
& Circulation Upgrades
Planning

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING **X** FUNDING

SCHOOL NAME **La Plata HS - Renovation - Security Enhancements & Circulation**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **6035 Radio Station Road, La Plata, Maryland 20646**

PRIORITY **13** Revised Date

PROJECT TYPE: NEW ADDITION **X** REPLACEMENT RENOVATION **X** LIMITED RENOVATION

SYSTEMIC RENOVATIONS STATE-OWNED RELOCATABLES

COOPERATIVE USE **X** PROTOTYPE DESIGN COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ELECTRICAL UPGRADE/REPLACEMENT **X**

SCHOOL NUMBER **08.0106** GRADES **9 - 12** SRC **1198** PSC NO **08.013**

REQUEST FOR CURRENT FY: **Planning**

TOTAL PRIOR STATE FUNDS: **$0**

DATE PLANNING APPROVED:

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS									
FY 23	$4,716,000	FY 24	$4,715,000	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **30.0** Date IAC Approved MHT Category # Date of MHT Review In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL	174,318	1979					**174,318**
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	174,318		-		-		**174,318**

LEA Proposed Scope for Renovation/Demolition	GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
ORIGINAL	25,000		
ADDITION	-		
ADDITION	-		
ADDITION	-		
ADDITION	-		
TOTAL	**25,000**	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: Enrollment

Gross Square Footage: New Addition Renovation Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

b. State Scope Currently Proposed: 2022 Proposed Enrollment **1,236**

Gross Square Footage: New Addition **15,000** Renovation 25,000 Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

c. LEA Scope: Proposed Enrollment **1,236**

Gross Square Footage: New Addition **15,000** Renovation 25,000 Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

4. DESCRIPTION & JUSTIFICATION:

The need is for renovation at La Plata High School, which was built in 1979 and serves a portion of the development district. The proposed project will include; stair modifications, improved accessibility, new secure building entrance and administrative office, and renovations to convert the existing spaces to program spaces. Local funding to initiate planning will be requested in FY 2021. State planning will be requested in FY 2021. State and local construction funding will be requested in FY2022.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING **X** FUNDING

SCHOOL NAME **La Plata HS - Renovation - Security Enhancements & Circulation**

FY: **2022**

Date Submitted **10/7/20**

ADDRESS **6035 Radio Station Road, La Plata, Maryland 20646**

PRIORITY **13**

Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**1,198**	**1,176**	**1,301**	**1,369**	**1,354**	**1,361**	**1,328**	**1,401**	**1,410**	-212
Maurice J. McDonough HS	**Used under Priority #5**									0
St. Charles HS	**Used under Priority #5**									0
										0
										0
										0
TOTAL:	1,198	1,176	1,301	1,369	1,354	1,361	1,328	1,401	1,410	-212

6. TRANSPORTATION MODAL SPLIT (for information purposes only):

There is no walking zone for this school and 100% of the population is served by busses and cars.

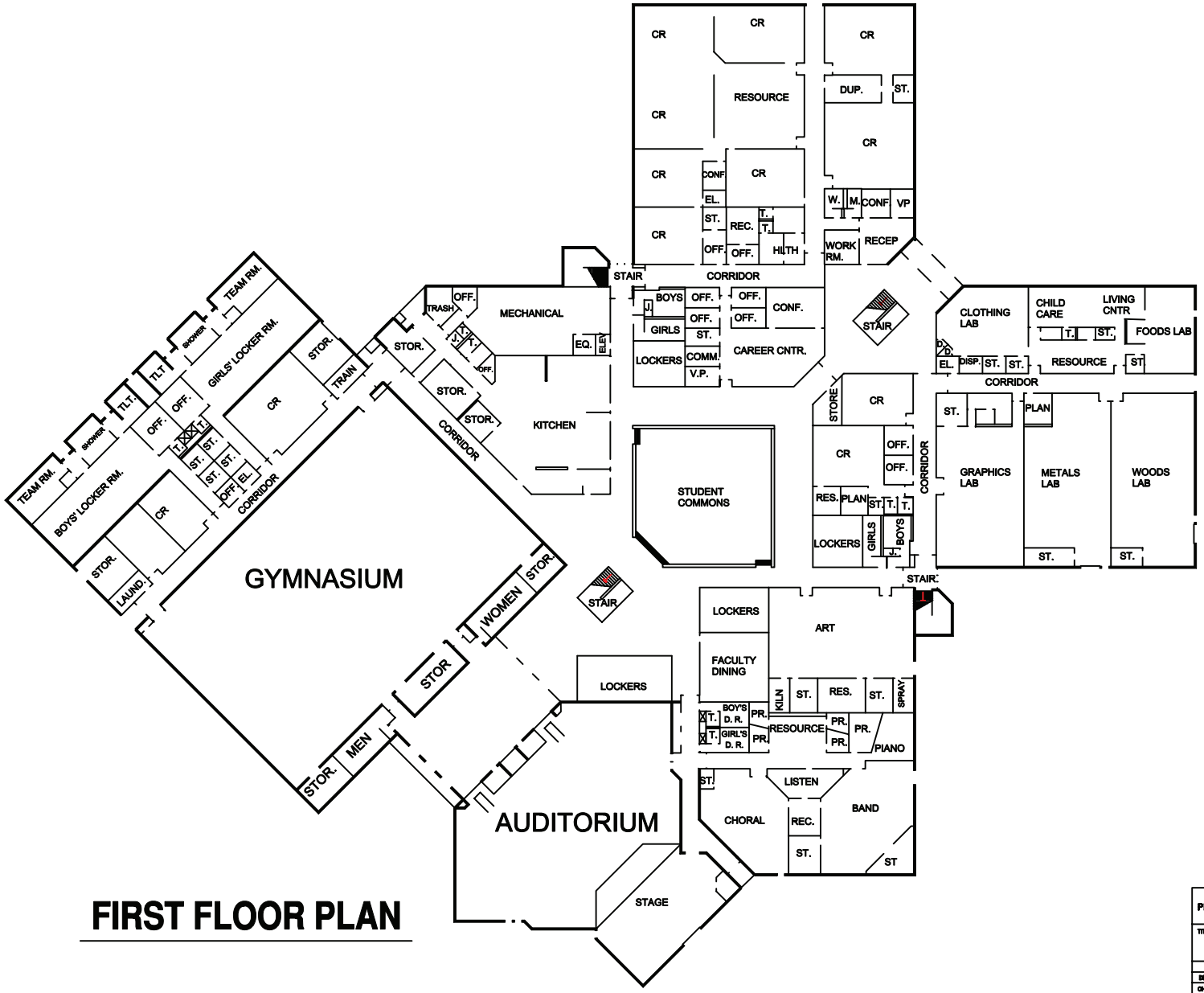
7. EMERGENCY ELECTRICAL POWER:

Entering an X in the Electrical Upgrade/replacement field above indicates that this project involves replacement of the electrical system or upgrade to the electrical capacity. What is the status of the Shelter Compliance process?

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 13,160,000	$ 4,606,000	$ 8,554,000
Site Development	5/19%	$ 1,349,000	$ 472,000	$ 877,000
Construction Cost		**$ 14,509,000**	**$ 5,078,000**	$ **9,431,000**
Contingency	2.5%	$ 500,000	$ 500,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 1,600,000	$ 1,600,000	$ N/A
Total		**$ 16,609,000**	**$ 7,178,000**	$ **9,431,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2022** Bid **May 2021** Occupancy Date: **August 2023**



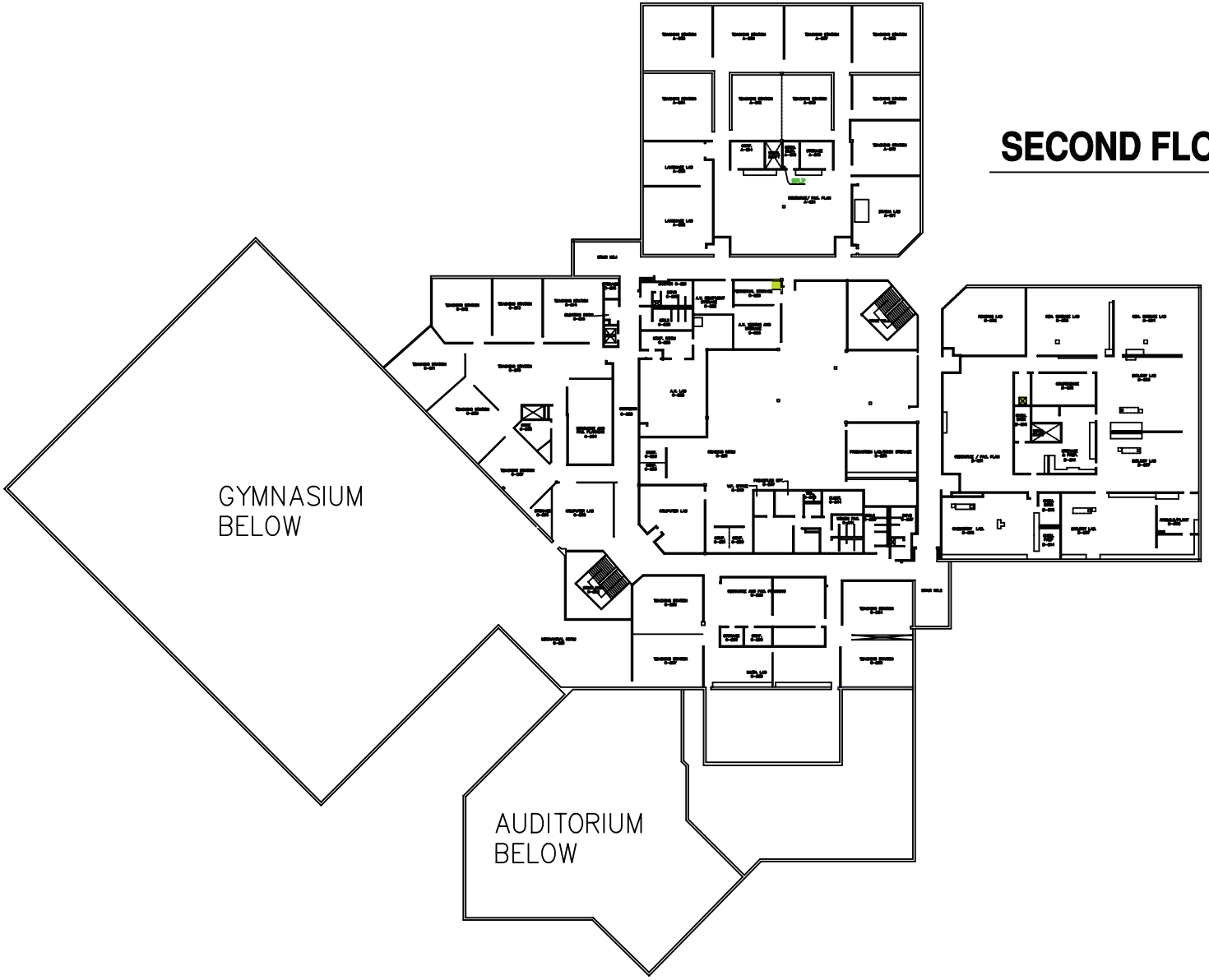
FIRST FLOOR PLAN

SCALE

16 0 16 32 48

CHARLES COUNTY PUBLIC SCHOOLS PLANNING & CONSTRUCTION DEPARTMENT LAPLATA, MARYLAND 20646		
TITLE: LA PLATA HIGH SCHOOL SCHEMATIC FLOOR PLAN		
DRAWN	DATE 4/2004	DWG. NO. 54-A1
CHECKED		
APPROVED		SCALE AS SHOWN

SECOND FLOOR PLAN



SCALE

16 0 16 32 48

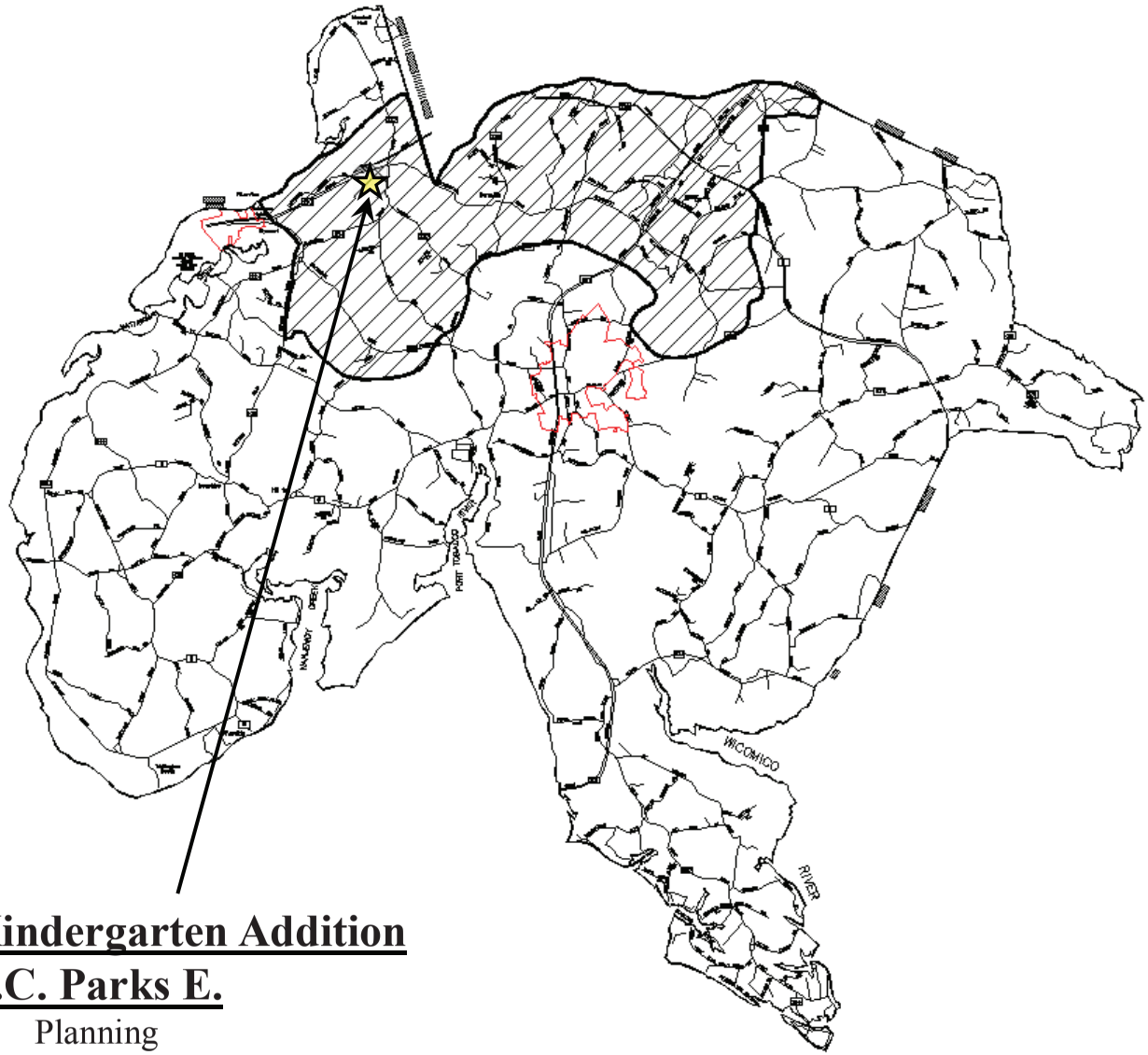
CHARLES COUNTY PUBLIC SCHOOLS PLANNING & CONSTRUCTION DEPARTMENT LAPLATA, MARYLAND 20646		
TITLE: LA PLATA HIGH SCHOOL SCHEMATIC FLOOR PLAN		
	DATE	DWG. NO. 54-A2
DRAWN	4/2004	
CHECKED		
APPROVED		SCALE AS SHOWN

PROJECT DESCRIPTION AND JUSTIFICATION

La Plata High School- Renovation

The need is for renovation at La Plata High School, which was built in 1979 and serves a portion of the development district. The proposed project will include; stair modifications, improved accessibility, new secure building entrance and administrative office, and renovations to convert the existing spaces to program spaces. Local funding to initiate planning will be approved in FY 2022. State planning will be requested in FY 2022. State and local construction funding will be requested in FY2023 & FY2024.

Project Location Map



Full-Day Kindergarten Addition
J.C. Parks E.
Planning

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING **X** FUNDING

SCHOOL NAME **J.C. Parks ES - Full Day Kindergarten Addition/Renovation**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **3505 Livingston Road, Indian Head, Maryland 20640**

PRIORITY **14** Revised Date

PROJECT TYPE: NEW ADDITION **X** REPLACEMENT RENOVATION **X** LIMITED RENOVATION

SYSTEMIC RENOVATIONS STATE-OWNED RELOCATABLES

COOPERATIVE USE PROTOTYPE DESIGN COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ELECTRICAL UPGRADE/REPLACEMENT

SCHOOL NUMBER **08.0703** GRADES **Pre-K - 5** SRC **644** PSC NO **08.030**

REQUEST FOR CURRENT FY: **Planning**

TOTAL PRIOR STATE FUNDS: **$0**

DATE PLANNING APPROVED:

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$2,125,000	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **15.0** Date IAC Approved MHT Category # Date of MHT Review In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: Enrollment

Gross Square Footage: New Addition Renovation Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

b. State Scope Currently Proposed: 2022 Proposed Enrollment **88**

Gross Square Footage: New Addition **7,200** Renovation 2,000 Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

c. LEA Scope: Proposed Enrollment **88**

Gross Square Footage: New Addition **7,200** Renovation 2,000 Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

4. DESCRIPTION & JUSTIFICATION:

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at J.C. Parks Elementary School in Bryans Road, which opened in 1967 and was renovated in 1997. The building contains 2 kindergarten classrooms and 1 pre-kindergarten classroom. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. J.C. Parks currently houses five kindergarten classes and one pre-k class. An addition containing four kindergarten classrooms and an activity area is proposed. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires that one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The existing kindergarten classrooms will be converted to regular classrooms. Planning will be requested in FY2022. State and local construction funding will be requested in FY2023.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING **X** FUNDING

SCHOOL NAME **J.C. Parks ES - Full Day Kindergarten Addition/Renovation**

FY: **2022**

Date Submitted **10/7/20**

ADDRESS **3505 Livingston Road, Indian Head, Maryland 20640**

PRIORITY **14**

Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	644	590	628	624	597	619	642	656	672	-28
Dr. James Craik ES	519	502	511	514	502	504	512	508	508	11
Gale-Bailey ES	405	347	374	373	346	348	353	352	352	53
Indian Head ES	461	411	461	462	445	451	455	460	463	-2
William A. Diggs ES	725	771	758	758	750	755	775	783	789	-64
										0
TOTAL:	2,754	2,621	2,732	2,731	2,640	2,677	2,737	2,759	2,784	-30

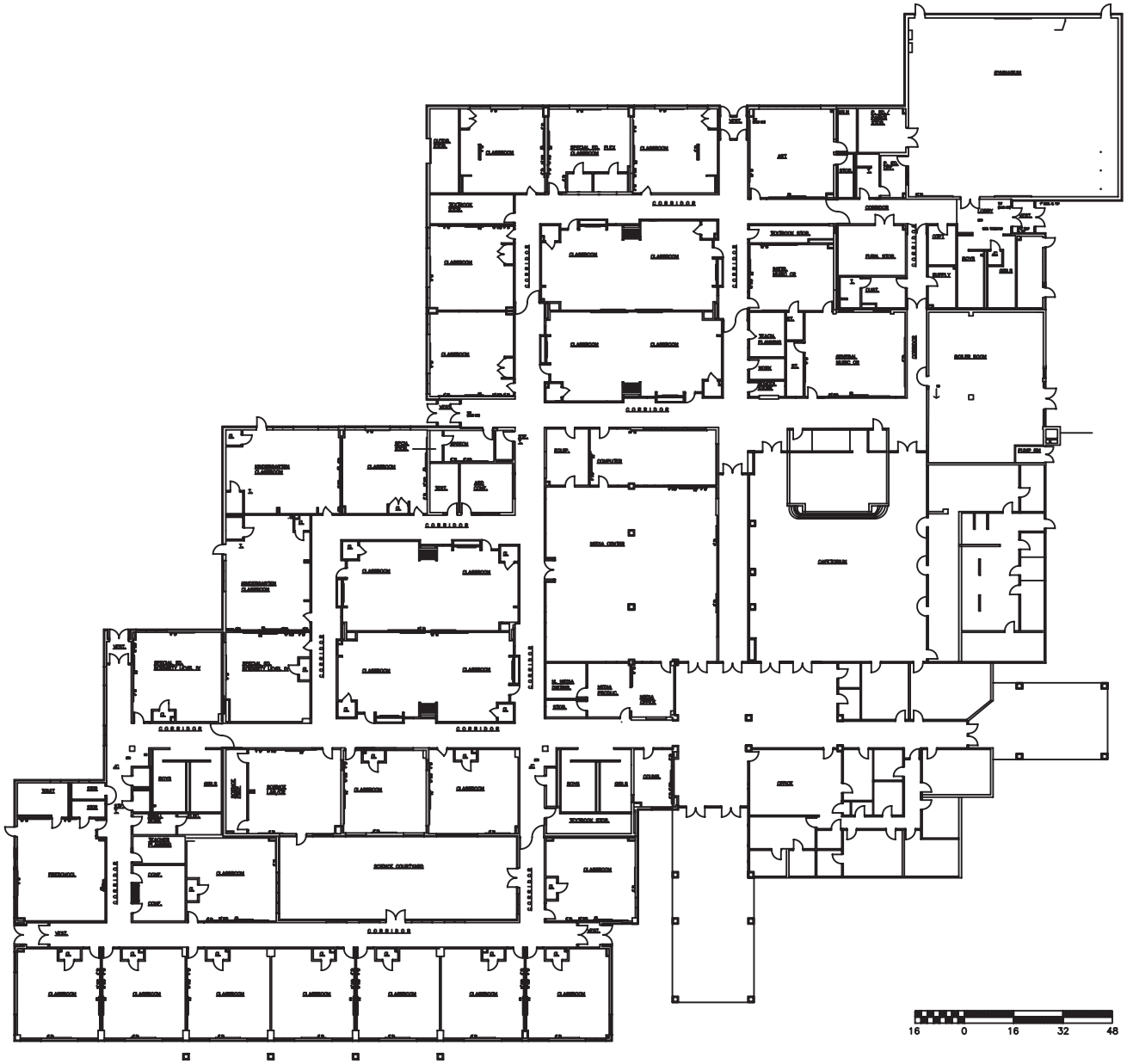
6. TRANSPORTATION MODAL SPLIT (for information purposes only):

7. EMERGENCY ELECTRICAL POWER:

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 2,797,000	$ 13,450,000	$ 1,818,000
Site Development	5/19%	$ 471,000	$ 164,000	$ 307,000
Construction Cost		**$ 3,268,000**	**$ 1,143,000**	**$ 2,125,000**
Contingency	2.5%	$ 500,000	$ 500,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 550,000	$ 550,000	$ N/A
Total		**$ 4,318,000**	**$ 2,193,000**	**$ 2,125,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2023** Bid **May 2022** Occupancy Date: **August 2023**



16 0 16 32 48

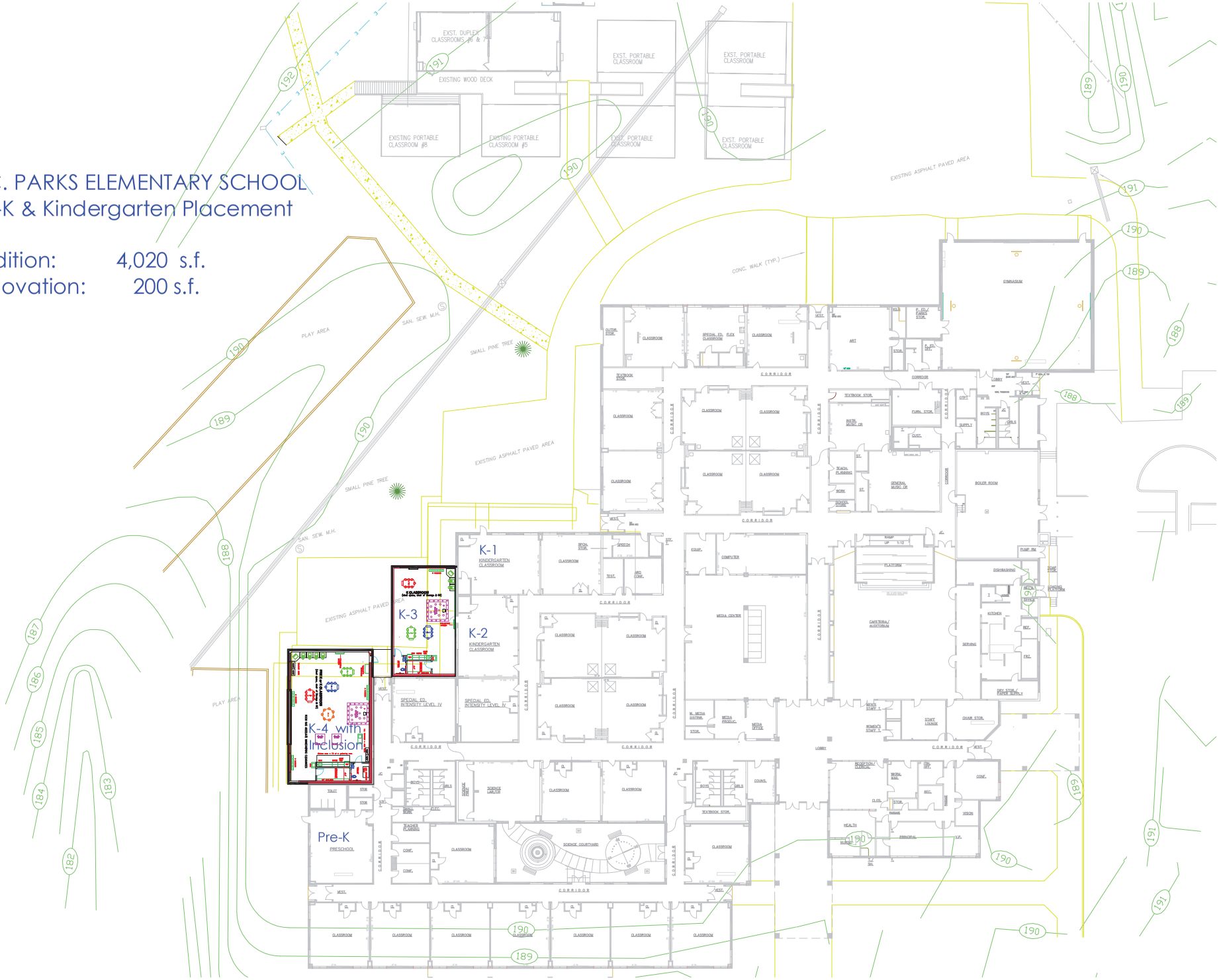
CHARLES COUNTY PUBLIC SCHOOLS
PLANNING & CONSTRUCTION DEPARTMENT
LA PLATA, MARYLAND 20646

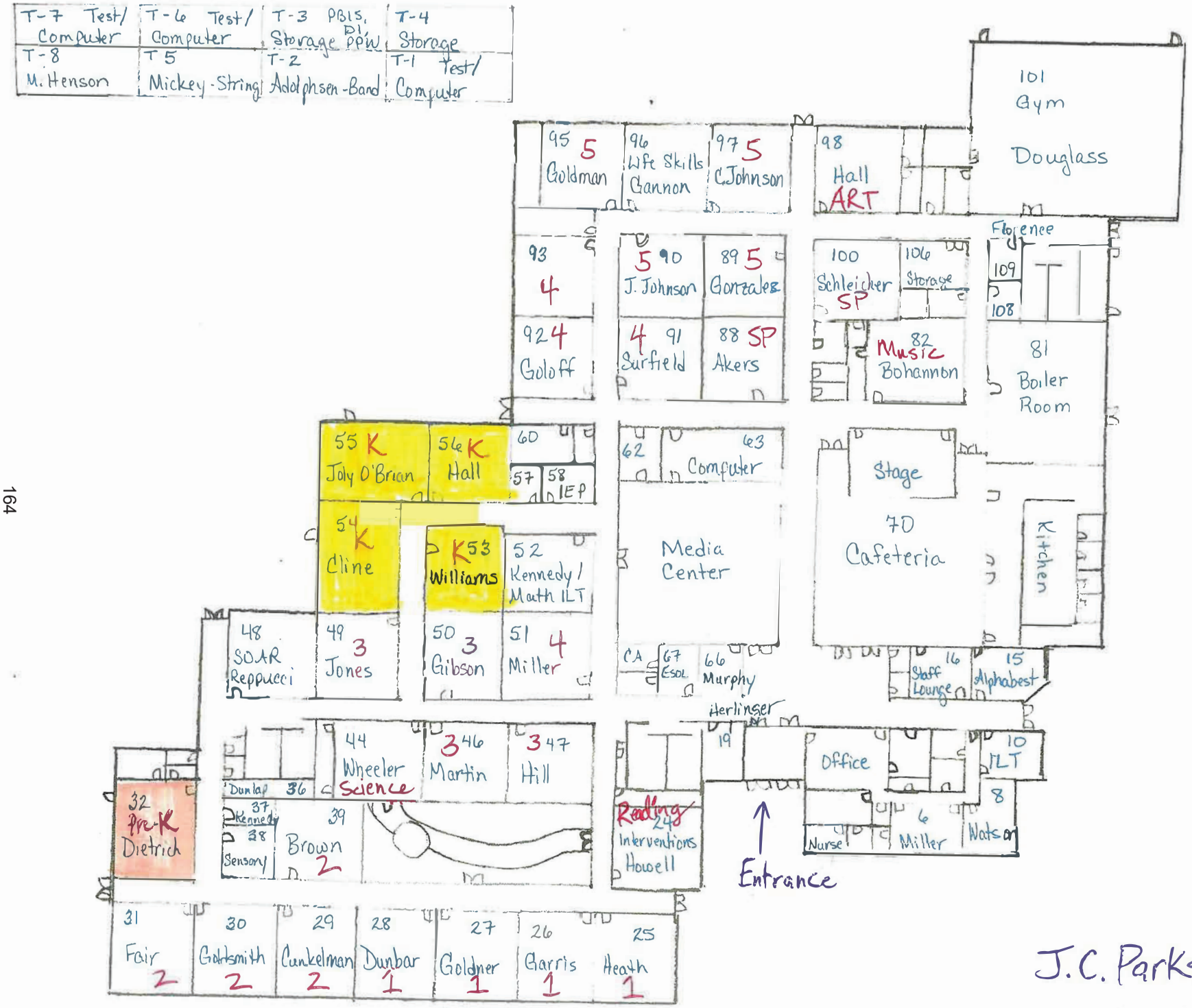
TITLE:
J. C. PARKS ELEMENTARY SCHOOL
SCHEMATIC FLOOR PLAN

	DATE	DWG. NO. 13-A1
DRAWN:	5/1998	
CHECKED:		
APPROVED:		SCALE: AS SHOWN

J. C. PARKS ELEMENTARY SCHOOL
Pre-K & Kindergarten Placement

Addition: 4,020 s.f.
Renovation: 200 s.f.





J.C. Parks E.S.

SY 2019-2020

11/14/19

J.C. Parks E. Full-Day K Addition

Kindergarten Enrollment (Head Count)

Schools	2019	2020	2021	2022	2023	2024	2025	2026
Parks E.	**88**	66	89	91	95	101	106	111

Pre-Kindergarten Enrollment (FTE)

Schools	2019	2020	2021	2022	2023	2024	2025	2026
Parks E.	**16.0**	17.0	20.0	20.0	20.0	20.0	20.0	20.0

* All Day Pre-K

Enrollment Projections prepared 5/2/20

September 17, 2020 Telephone Count

J.C. Parks Elementary

Gross Area:	75,692 sq ft		
State Rated Capacity:	644		
Enrollment	590	Staff	80
Grades Served:	Pre-K - 5	Part-time and Specialists	11
Number of Temp. Classrooms:	7	Parent Volunteers	40+
Year Built/Occupied:	1967	Total Staff	116
Latest Renovation:	1997		
Latest Addition:	1997		

Room / Space Use	# Rooms	Avg. # Students	# Classrooms (+ or -)
Pre-K	1	1 @ 18	
Kindergarten	5	23	
1	5	22	
2	4	23	
3	5	24	
4	5	25	
5	5	27	5 classes in portables

Other Programs		
Special Ed. Resource Room (Pull-out space)	1	
Music	1	
Strings	1	On Stage (Shares with Music)
Band	1	OnStage (Shares with Music)
Computer	1	
ILT	0	Uses Space in V.P Office
Psychologists	0	Uses a shared space, 3 days per week
P.E.	1	
Tri-County Specialists	0	Shared Space (where available)
Art	1	
Guidance	1	Small Room (Spec. programs / group work)
Science	1	
Parent WorkRoom	0	No Space Available
Speech	0	Shared space
Occ. Ther / Phys. Theraphist / School Psychol	1	Shared space, (Uses what is available)
E.S.O.L (English as Second Language)	0	Shares space (where available)
In-school Retention (ISR)	1	Small shared space (where avail)

Parking Spaces on-site	Actual	Parking surplus (+)	Parking Deficit (-)
Bus	18	0	
Staff	68	0	0
Volunteer / Parent	28	6	0
(Parking as minimum is based on 1 / classroom)			

Other School Data

Lunch shifts are crowded and extend into a large part of the day - 6 shifts (10:30 to 2:30)
Nurse station in Teacher Lounge (minimal Teacher space available)

Addition Opportunities:

Generally, Site is slightly sloping, School has the classes clustered. play areas to rear and left of school.

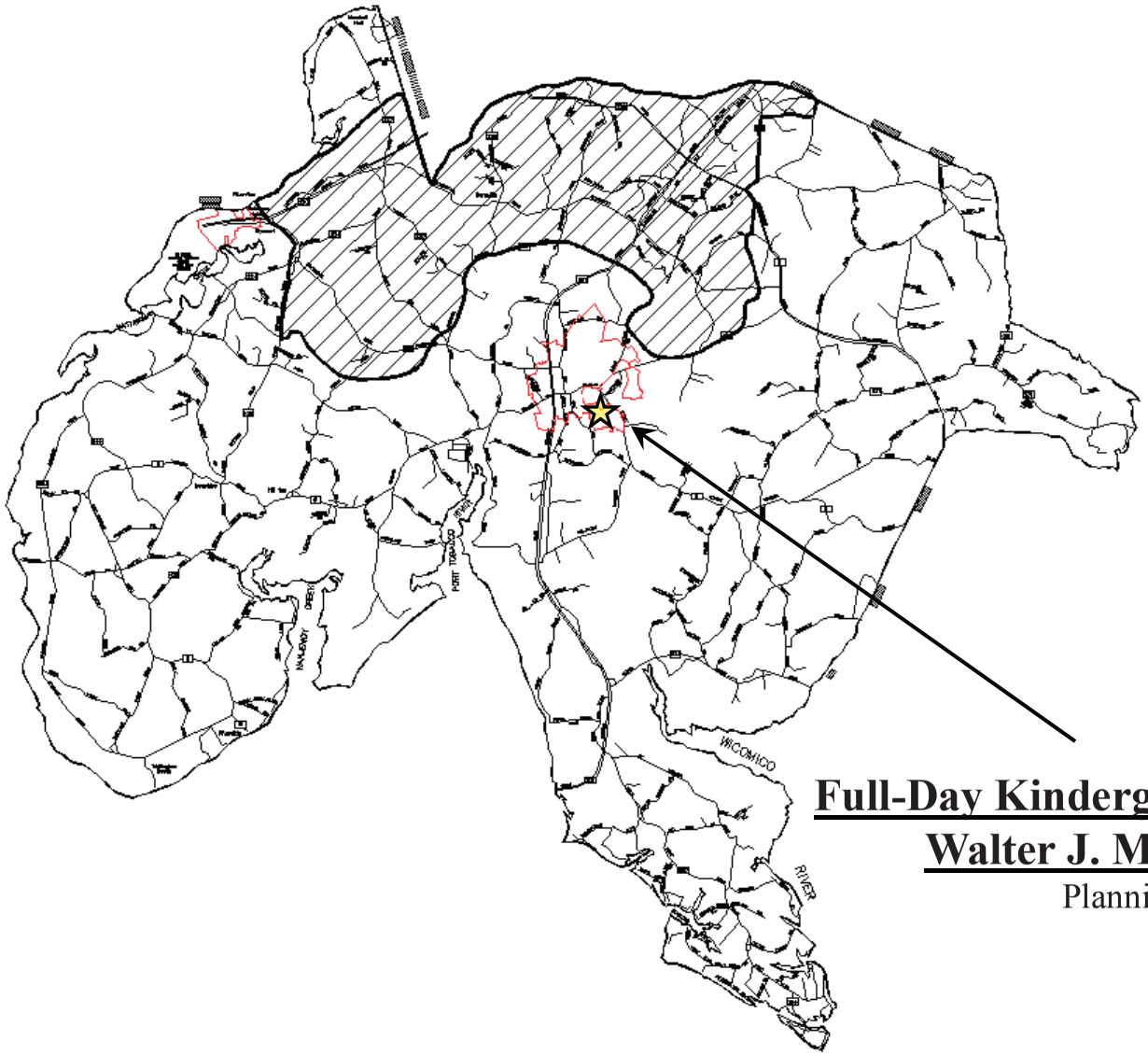
LEFT:	Primary & secondary playground equipment . No opportunity for expansion.
FRONT:	School adjacent to bus parking, No opportunity for expansion.
RIGHT:	Building Facilites, Loading Zone, and large parking area. No opportunity for expansion.
REAR:	Portable classrooms & asphalt play area. Limited space on rear of building.

PROJECT DESCRIPTION AND JUSTIFICATION

FULL-DAY KINDERGARTEN ADDITION/RENOVATION
J.C. PARKS ELEMENTARY SCHOOL

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at J.C. Parks Elementary School in Bryans Road, which opened in 1967 and was renovated in 1997. The building contains 2 kindergarten classrooms and 1 pre-kindergarten classroom. Additional spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. J.C. Parks currently houses five kindergarten classes and one pre-k class. An addition containing four kindergarten classrooms and an activity area is proposed. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires that one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The existing kindergarten classrooms will be converted to regular classrooms. Planning will be requested in FY2022. State and local construction funding will be requested in FY2023.

Project Location Map



Full-Day Kindergarten Addition
Walter J. Mitchell E.
Planning

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING **X** FUNDING

SCHOOL NAME **Walter J. Mitchell ES - Full Day Kindergarten Addition/Renovation**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **400 Willow Lane, La Plata, Maryland 20646**

PRIORITY **15** Revised Date

PROJECT TYPE: NEW ADDITION **X** REPLACEMENT RENOVATION **X** LIMITED RENOVATION

SYSTEMIC RENOVATIONS STATE-OWNED RELOCATABLES

COOPERATIVE USE PROTOTYPE DESIGN COST SHARE % STATE **65%** LOCAL 35%

HIGH PERFORMANCE ELECTRICAL UPGRADE/REPLACEMENT

SCHOOL NUMBER **08.0105** GRADES **Pre-K - 5** SRC **578** PSC NO **08.033**

REQUEST FOR CURRENT FY: **Planning**

TOTAL PRIOR STATE FUNDS: **$0**

DATE PLANNING APPROVED:

EXPECTED FIVE-YEAR PROGRAM FUNDING REQUESTS

FY 23	$3,517,000	FY 24	$0	FY 25	$0	FY 26	$0	FY 27	$0

1. SITE: Acreage **25.0** Date IAC Approved MHT Category # Date of MHT Review In PFA **X** Water **X** Sewer **X**

2. EXISTING FACILITY:

	Gross SF	Date	RENOVATED Gross SF	RENOVATED Date	DEMOLISHED Gross SF	DEMOLISHED Date	TOTAL Gross SF
ORIGINAL							-
ADDITION							-
ADDITION							-
ADDITION							-
ADDITION							-
TOTAL	-		-		-		-

LEA Proposed Scope for Renovation/Demolition

GSF to be Renovated	GSF to be Demolished	Cooperative-Use Space
-		
-		
-		
-		
-	-	-

3. PROPOSED SCOPE:

a. State Scope Previously Approved: Enrollment

Gross Square Footage: New Addition Renovation Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

b. State Scope Currently Proposed: 2022 Proposed Enrollment **88**

Gross Square Footage: New Addition **7,200** Renovation 7,500 Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

c. LEA Scope: Proposed Enrollment **88**

Gross Square Footage: New Addition **7,200** Renovation 7,500 Demolition

Cooperative-Use Space GSF: **WITHIN** above GSF New Addition Renovation

4. DESCRIPTION & JUSTIFICATION:

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Walter J. Mitchell Elementary School in La Plata, which opened in 1965. Spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Mitchell currently houses four kindergarten classes and one pre-k class. An addition containing four kindergarten classrooms and an activity area is proposed. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires that one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The existing kindergarten classrooms will be converted to regular classrooms. Planning will be requested in FY2022. State and local construction funding will be requested in FY2023.

REQUEST FOR APPROVAL OF PLANNING/FUNDING

LEA: **Charles County Public Schools**

REQUEST TYPE: PLANNING **X** FUNDING

SCHOOL NAME **Walter J. Mitchell ES - Full Day Kindergarten Addition/Renovation**

FY: **2022** Date Submitted **10/7/20**

ADDRESS **400 Willow Lane, La Plata, Maryland 20646**

PRIORITY **15** Revised Date

	Year→	*Sept 17, 2020 Telephone Count	2021	2022	2023	2024	2025	2026	2027	Difference
	SRC	Current Enrollment	FTE	FTE	FTE	FTE	FTE	FTE	FTE	SRC-FTE
Requested School:	**578**	**610**	**632**	**641**	**610**	**634**	**654**	**663**	**677**	-99
Dr. James Craik ES	**519**	**502**	**511**	**514**	**502**	**504**	**512**	**508**	**508**	11
Dr. Thomas L. Higdon ES	**451**	**367**	**400**	**403**	**390**	**390**	**394**	**397**	**399**	52
Gale-Bailey ES	**405**	**347**	**374**	**373**	**346**	**348**	**353**	**352**	**352**	53
Mary H. Matula ES	**656**	**532**	**581**	**590**	**576**	**576**	**596**	**593**	**599**	57
T.C. Martin ES	**450**	**471**	**533**	**539**	**527**	**530**	**538**	**533**	**531**	-81
TOTAL:	3,059	2,829	3,031	3,060	2,951	2,982	3,047	3,046	3,066	-7

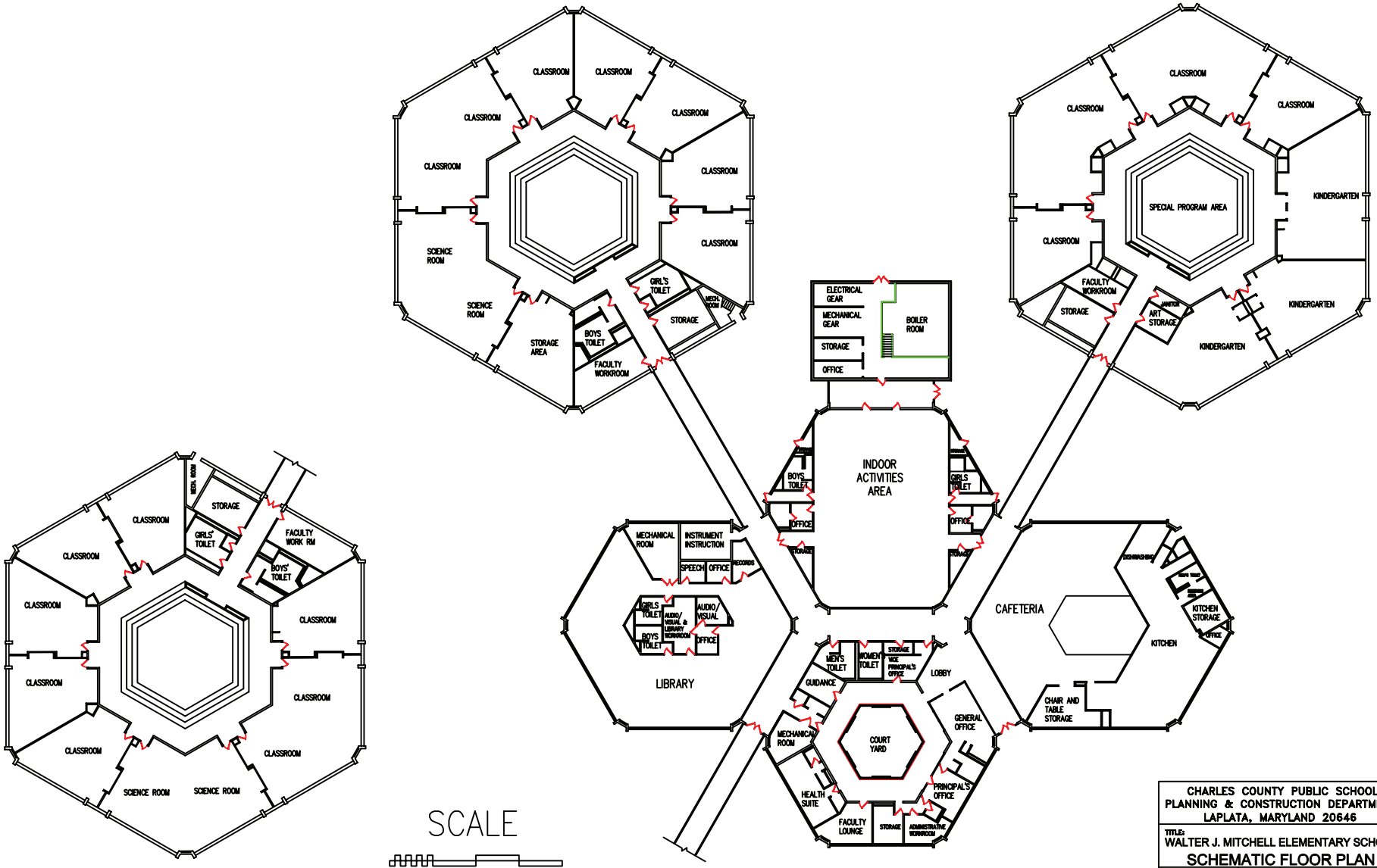
6. TRANSPORTATION MODAL SPLIT (for information purposes only):

7. EMERGENCY ELECTRICAL POWER:

8. BUDGET:

		Total Estimated Project Budget	Estimated Local Funds	Estimated Net State Funding
Construction		$ 4,837,000	$ 13,450,000	$ 3,144,000
Site Development	5/19%	$ 573,000	$ 200,000	$ 373,000
Construction Cost		**$ 5,410,000**	**$ 1,893,000**	$ **3,517,000**
Contingency	2.5%	$ 500,000	$ 500,000	$ N/A
High Performance Costs (Administrative only)		$ -	$ -	$ N/A
Other		$ 600,000	$ 600,000	$ N/A
Total		**$ 6,510,000**	**$ 2,993,000**	$ **3,517,000**

ANTICIPATED: Construction Funding Request(s) FY(s) **2023** Bid **May 2022** Occupancy Date: **August 2023**



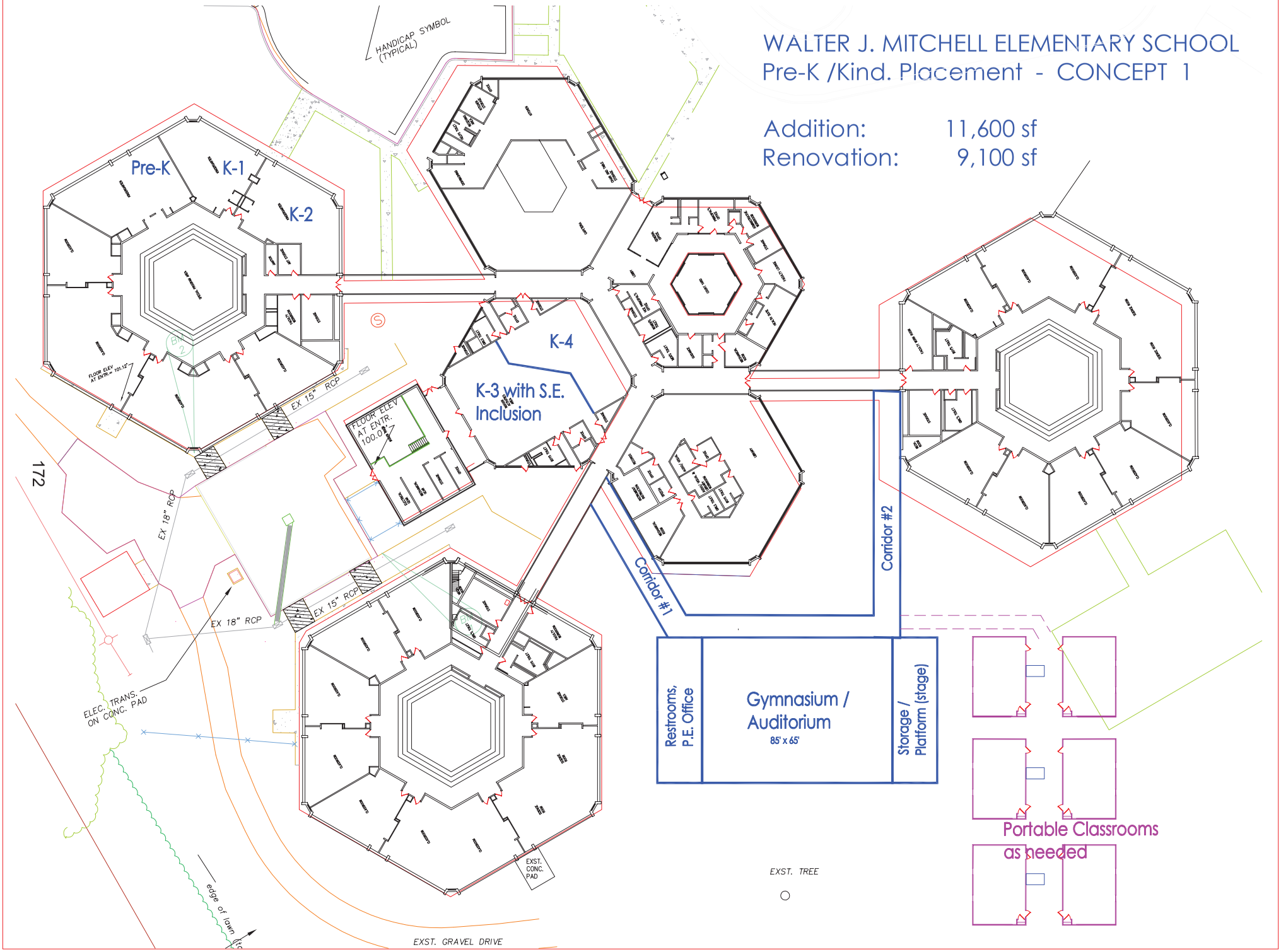
CHARLES COUNTY PUBLIC SCHOOLS
PLANNING & CONSTRUCTION DEPARTMENT
LAPLATA, MARYLAND 20646

TITLE:
WALTER J. MITCHELL ELEMENTARY SCHOOL
SCHEMATIC FLOOR PLAN

	DATE	DWG. NO. 10-A1
DRAWN	4/2004	
CHECKED		
APPROVED		SCALE AS SHOWN

WALTER J. MITCHELL ELEMENTARY SCHOOL
Pre-K /Kind. Placement - CONCEPT 1

Addition: 11,600 sf
Renovation: 9,100 sf



Playground
Krupa
A107
Brooke
-Ptack
Otten
A106
Grove
A105
Rizzo
A104
Patterson
A103
Duke
A102
Fiorilla
A101
Higdon
A POD
Yim
Sims
Gilbert
Winkler
A109
KD
Pre-K
1st Grade
CAFETERIA
Underwood
Conference
Room
Smith
Carrington
Adam
Nurse
Holly
THE GYM
Margolis
LIBRARY
Jarboe
Escanilla
3rd Grade
R. Synder
B108
Maloney
B109
SPED
TEAM
B110
Vacant
B107
B
Pod
Wathen
B101
Meagel
B106
Vacant
B105
Walker
B104
Sullivan
B103
Burrows
B102
2nd Grade
Walter J. Mitchell E.S.
Updated 8/7/20
5th Grade
Grove
C103
Davie
C 104
Cusic
C105
Pagel
C106
Mason
C107
Wutka
C108
Chapman
C109
Roper
C110
C
Pod
Durill
C101
Specht
C102
4th Grade
SCIENCE
J. Snyder
MUSIC
Constantine
Trailer
Playground
Areas

Walter J. Mitchell E. Full-Day K Addition

Kindergarten Enrollment (Head Count)								
Schools	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
Mitchell E.	**87**	82	96	100	103	108	112	116

Pre-Kindergarten Enrollment (FTE)								
Schools	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
Mitchell E.	**18.0**	15.5	20.0	20.0	20.0	20.0	20.0	20.0

* All Day Pre-K
Enrollment Projections prepared 5/2/20

September 17, 2020 Telephone Count

Walter J. Mitchell Elementary

Gross Area:	72,162 sq ft		
State Rated Capacity:	578		
Enrollment	610	Staff	70
Grades Served:	Pre-K - 5	Part-time and Specialists	10
Number of Temp. Classrooms:	3	Parent Volunteers	40+
Year Built/Occupied:	1965	Total Staff	120
Latest Renovation:			
Latest Addition:			

Room / Space Use	# Rooms	Avg. # Students	# Classrooms (+ or -)
Pre-K	1	1 @ 19	
Kindergarten	4	23	
1	5	25	
2	4	25	
3	4	25	
4	5	24	5 classes in portables
5	5	23	

Other Programs		
Special Ed. Resource Room (Pull-out space)	1	
Music	1	
Strings	1	On Stage (Shares with Music)
Band	1	OnStage (Shares with Music)
Computer	1	
ILT	0	Uses Space in V.P Office
Psychologists	0	Uses a shared space, 3 days per week
P.E.	1	
Tri-County Specialists	0	Shared Space (where available)
Art	1	
Guidance	1	Small Room (Spec. programs / group work)
Science	1	
Parent WorkRoom	0	No Space Available
Speech	0	Shared space
Occ. Ther / Phys. Theraphist / School Psychol	1	Shared space, (Uses what is available)
E.S.O.L (English as Second Language)	0	Shares space (where available)
In-school Retention (ISR)	1	Small shared space (where avail)

Parking Spaces on-site	Actual	Parking surplus (+)	Parking Deficit (-)
Bus	12	0	
Staff	66	0	0
Volunteer / Parent	15	6	0
(Parking as minimum is based on 1 / classroom)			

Other School Data

Lunch shifts are crowded and extend into a large part of the day - 5 shifts (10:30 to 2:00)
Nurse station in Teacher Lounge (minimal Teacher space available)

Addition Opportunities:

Generally, Site is on a plateau, School has the pods and connected glass corridors. play areas to rear and left of school.

LEFT:	Playgrounds and parking area. Some area for expansion.
FRONT:	School adjacent to bus parking, No opportunity for expansion.
RIGHT:	Loading Zone, parking area, and playgrounds. No opportunity for expansion.
REAR:	Portable classrooms, asphalt play area, & mechanical area. Limited space on rear of building.

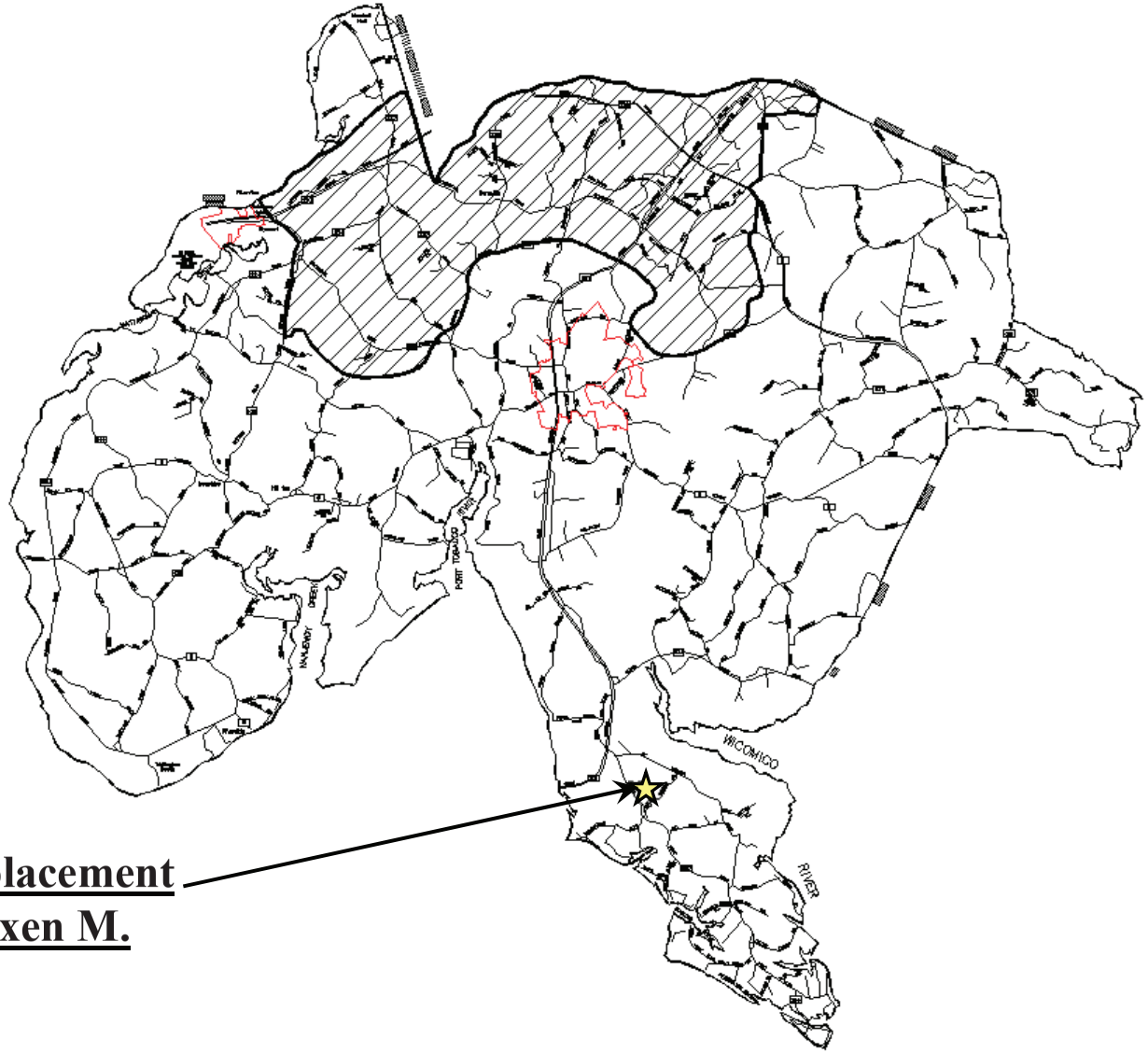
PROJECT DESCRIPTION AND JUSTIFICATION

FULL-DAY KINDERGARTEN ADDITION/RENOVATION
WALTER J. MITCHELL ELEMENTARY SCHOOL

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Walter J. Mitchell Elementary School in La Plata, which opened in 1965. Spaces have been appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Mitchell currently houses four kindergarten classes and one pre-k class. An addition containing four kindergarten classrooms and an activity area is proposed. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires that one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. The existing kindergarten classrooms will be converted to regular classrooms. Planning will be requested in FY2022. State and local construction funding will be requested in FY2023.

Project Location Map

Systemic Renovation – FY2023



Boiler Replacement
Piccowaxen M.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Piccowaxen MS - Boiler Replacement - Systemic

SCHOOL ADDRESS: 12834 Rock Point Road, Newburg, Maryland 20664

DESCRIPTION:

The need is for a systemic renovation at Piccowaxen Middle School, which opened in 1977. The boiler and pump systems are over 30 years old and will have outlived their expected usefulness. The installation of new efficient units is proposed to increase the overall efficiency of the heating system and reduce operating cost. Local funding to initiate planning will be requested in FY 2021. State funding will be requested in FY2022.

PROPOSED RATED CAPACITY:	563	GRADES:	6 - 8
REQUEST APPROVAL FOR PLANNING: FY	2022 (Local Planning)	FUNDING:	FY 2023
ESTIMATED COST TO STATE:	$ 490,000	LOCAL COST:	$ 380,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

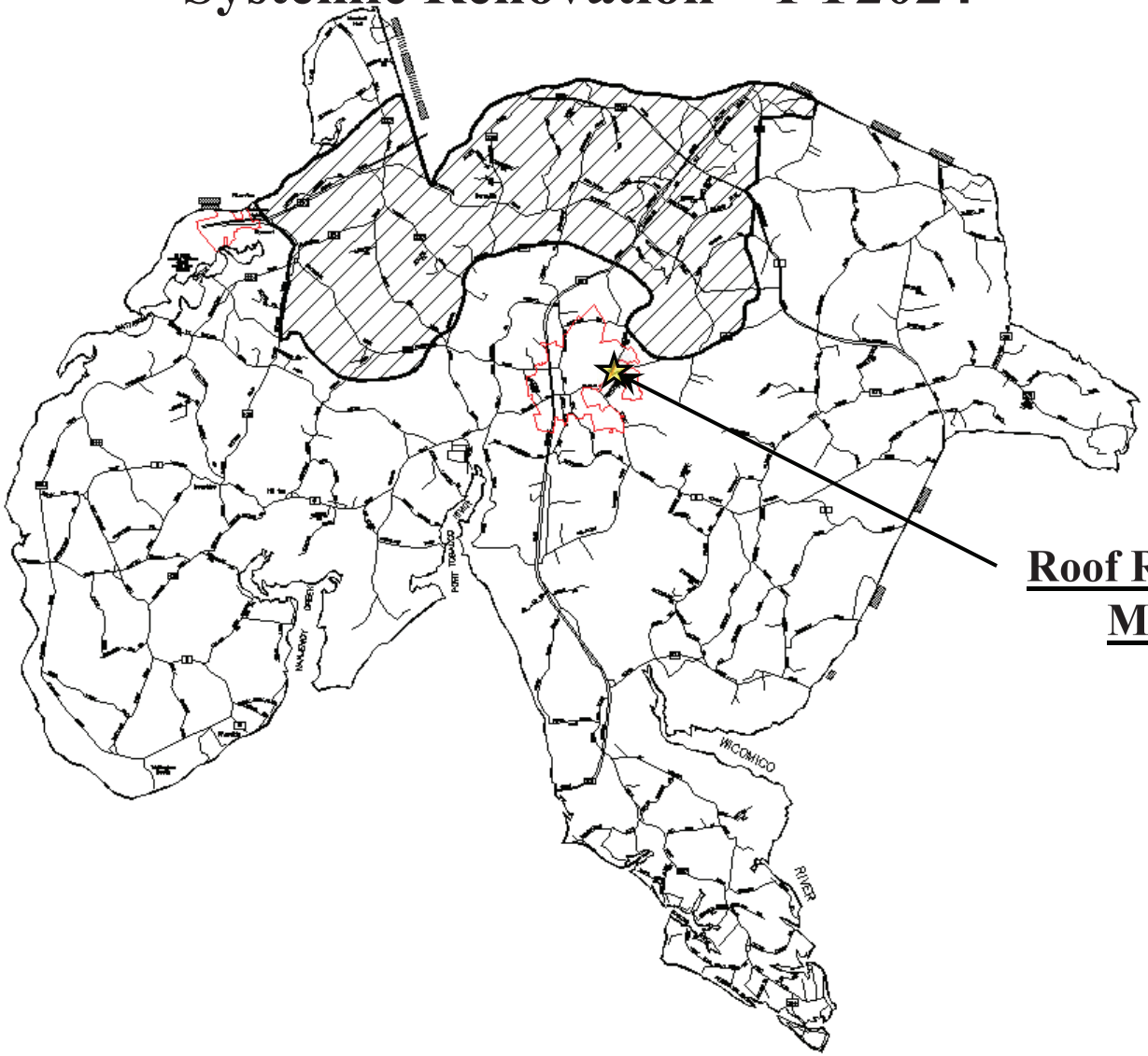
PROJECT DESCRIPTION AND JUSTIFICATION

BOILER REPLACEMENT AT PICCOWAXEN MIDDLE SCHOOL

The need is for a systemic renovation at Piccowaxen Middle School, which opened in 1977. The boiler and pump systems are over 30 years old and will have outlived their expected usefulness. The installation of new efficient units is proposed to increase the overall efficiency of the heating system and reduce operating cost. Local funding to initiate planning will be requested in FY 2022. State funding will be requested in FY2023.

Project Location Map

Systemic Renovation – FY2024



Roof Replacement
Matula E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW ____ ADDITION ____ RENOVATION ____ REPLACEMENT ____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: ____

SCHOOL NAME: Mary H. Matula ES - Roof Replacement - Systemic

SCHOOL ADDRESS: 6025 Radio Station Road, La Plata, Maryland 20646

DESCRIPTION:

The need is for a systemic renovation at Matula Elementary School, which opened in 1992 and is located in the town of La Plata. The original roof will have reached the end of its expected life in FY2021. It is proposed that a four-ply, built up-roof with positive drainage or other acceptable roofing system be installed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unseen problems. Local funding to initiate planning will be requested in FY 2021. State and Local funding will be requested in FY2022.

PROPOSED RATED CAPACITY:	656	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2023 (Local Planning)	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 933,000	LOCAL COST:	$ 986,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

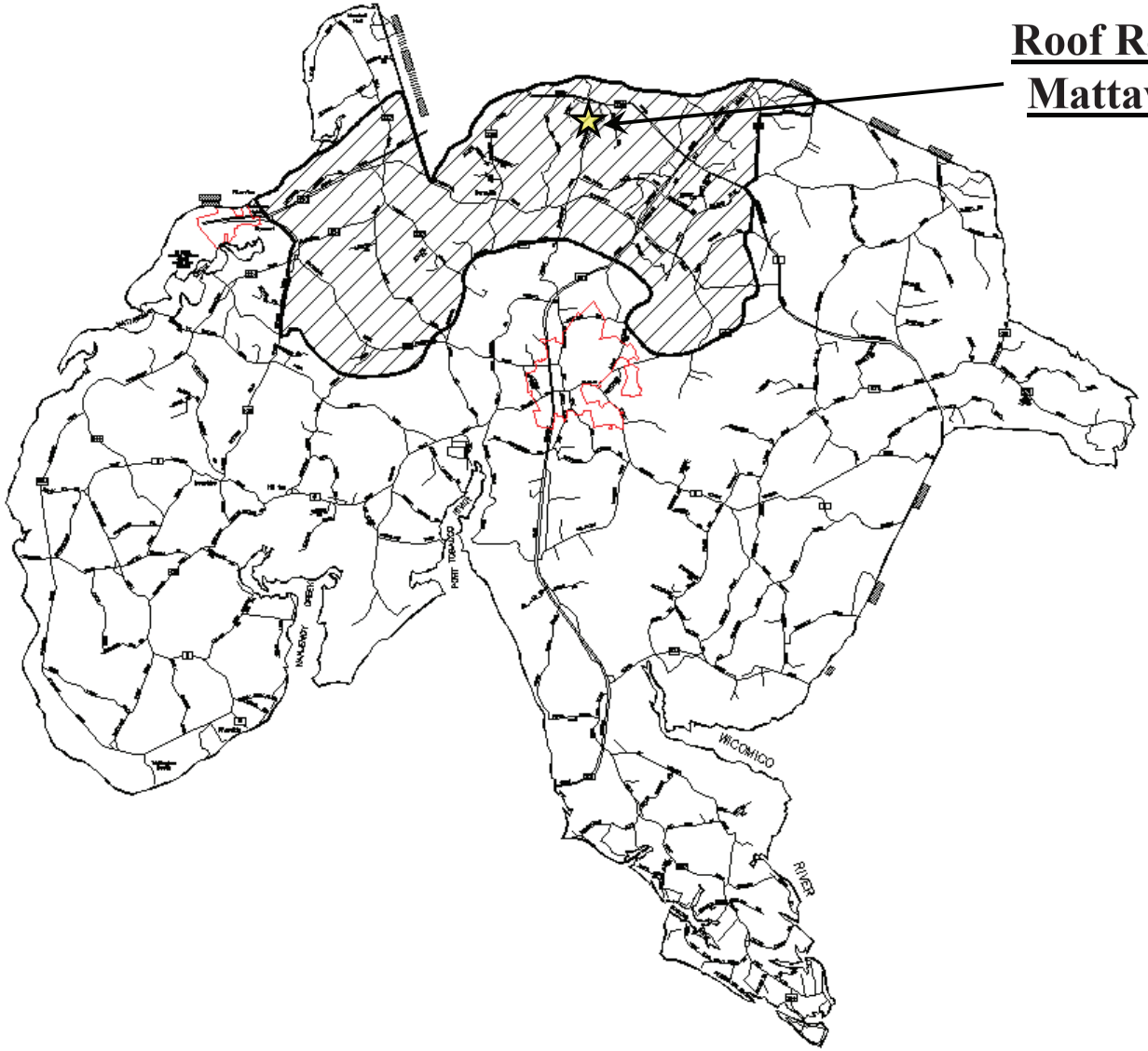
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF REPLACEMENT AT MARY H. MATULA ELEMENTARY SCHOOL

The need is for a systemic renovation at Matula Elementary School, which opened in 1992 and is located in the town of La Plata. The original roof will have reached the end of its expected life in FY2021. It is proposed that a four-ply, built up-roof with positive drainage or other acceptable roofing system be installed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unseen problems. Local funding to initiate planning will be requested in FY 2023. State and local funding will be requested in FY2024.

Project Location Map

Systemic Renovation – FY2024



Roof Replacement
Mattawoman M.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Mattawoman MS - Roof Replacement - Systemic

SCHOOL ADDRESS: 10145 Berry Road, Waldorf, Maryland 20603

DESCRIPTION:

The need is for a systemic renovation at Mattawoman Middle School, which opened in 1992 and is located in the rapidly growing route 228 corridor in Waldorf. The original roof will have reached its life expectancy in FY 2022. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning will be requested in FY 2021. State and Local funding will be requested in FY2022.

PROPOSED RATED CAPACITY:	912	GRADES:	6 - 8
REQUEST APPROVAL FOR PLANNING: FY	2023 (Local Planning)	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 2,367,000	LOCAL COST:	$ 2,065,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

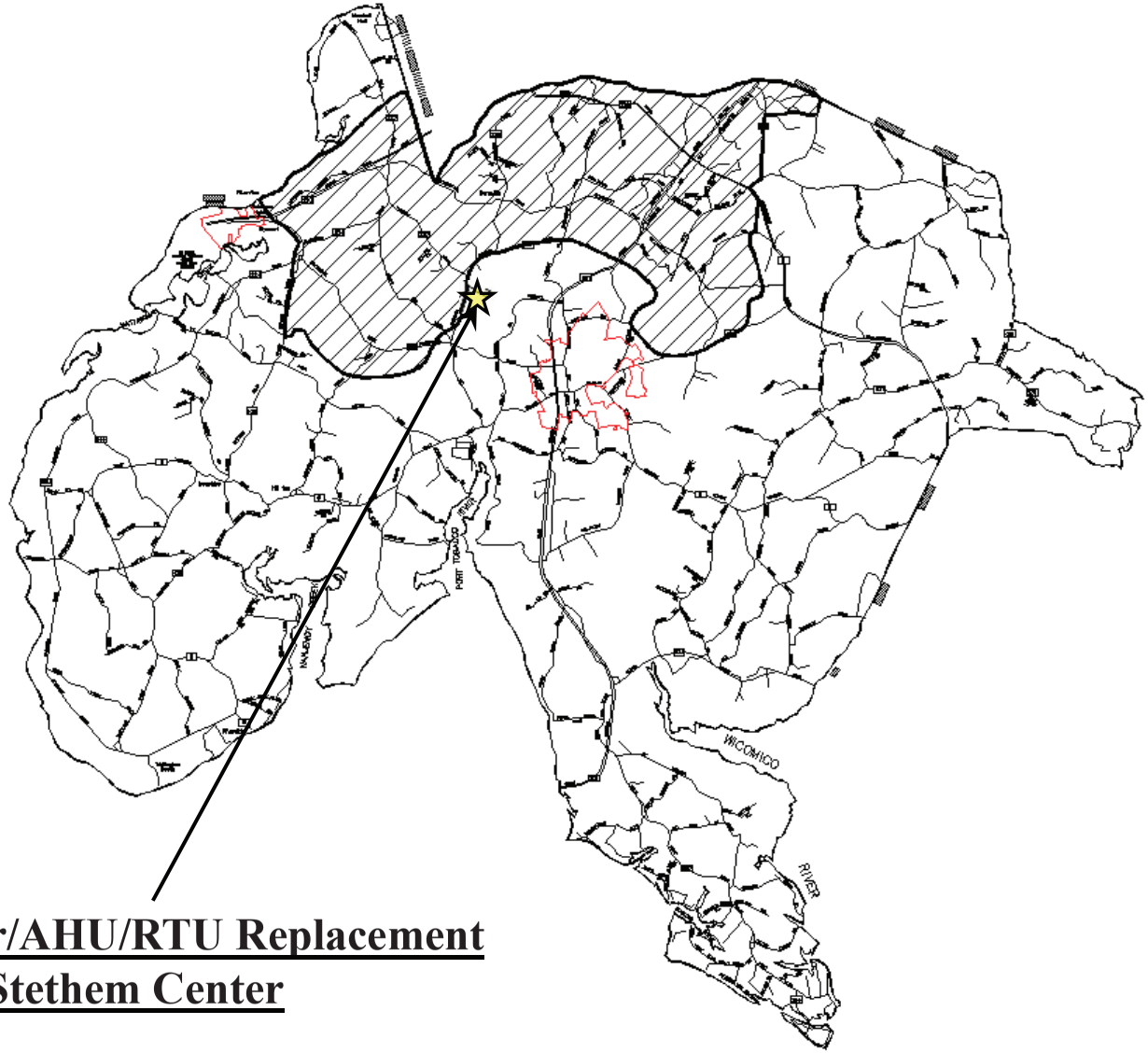
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF REPLACEMENT AT MATTAWOMAN MIDDLE SCHOOL

The need is for a systemic renovation at Mattawoman Middle School, which opened in 1992 and is located in the rapidly growing route 228 corridor in Waldorf. The original roof will have reached its life expectancy in FY 2022. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning will be requested in FY 2023. State and local funding will be requested in FY2024.

Project Location Map

Systemic Renovation – FY2024



Roof/Boiler/AHU/RTU Replacement
Stethem Center

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW ____ ADDITION ____ RENOVATION ____ REPLACEMENT ____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: ____

SCHOOL NAME: Robert D. Stethem Ed. Center - Roof/Boiler/AHU/RTU Replacement - Systemic

SCHOOL ADDRESS: 7775 Marshall Corner Road, Pomfret, Maryland 20675

DESCRIPTION:

The need is for a systemic renovation at the Stetham Center. This school originally opened in 1977 as the Charles County Career & Technology Center. The one air handler unit which services building B and two roof top units which service buildings A & C are over 30 years old. These units have outlived their expected usefulness and no longer maintain a suitable environment within the school. The rooftop units are original equipment when the building was constructed in the early 1970s and have approached the end of their useful life expectancy. The installations of new units are proposed, which are more efficient and would increase overall efficiency of the heating and cooling systems and reduce operating costs. The multi-roof complex was re-roofed in 1995 and will have reached its 20-year life expectancy by FY 2022. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning will be requested in FY 2022. State and Local funding will be requested in FY2023.

PROPOSED RATED CAPACITY:	396	GRADES:	6 - 12
REQUEST APPROVAL FOR PLANNING: FY	2023 (Local Planning)	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 2,226,000	LOCAL COST:	$ 1,876,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

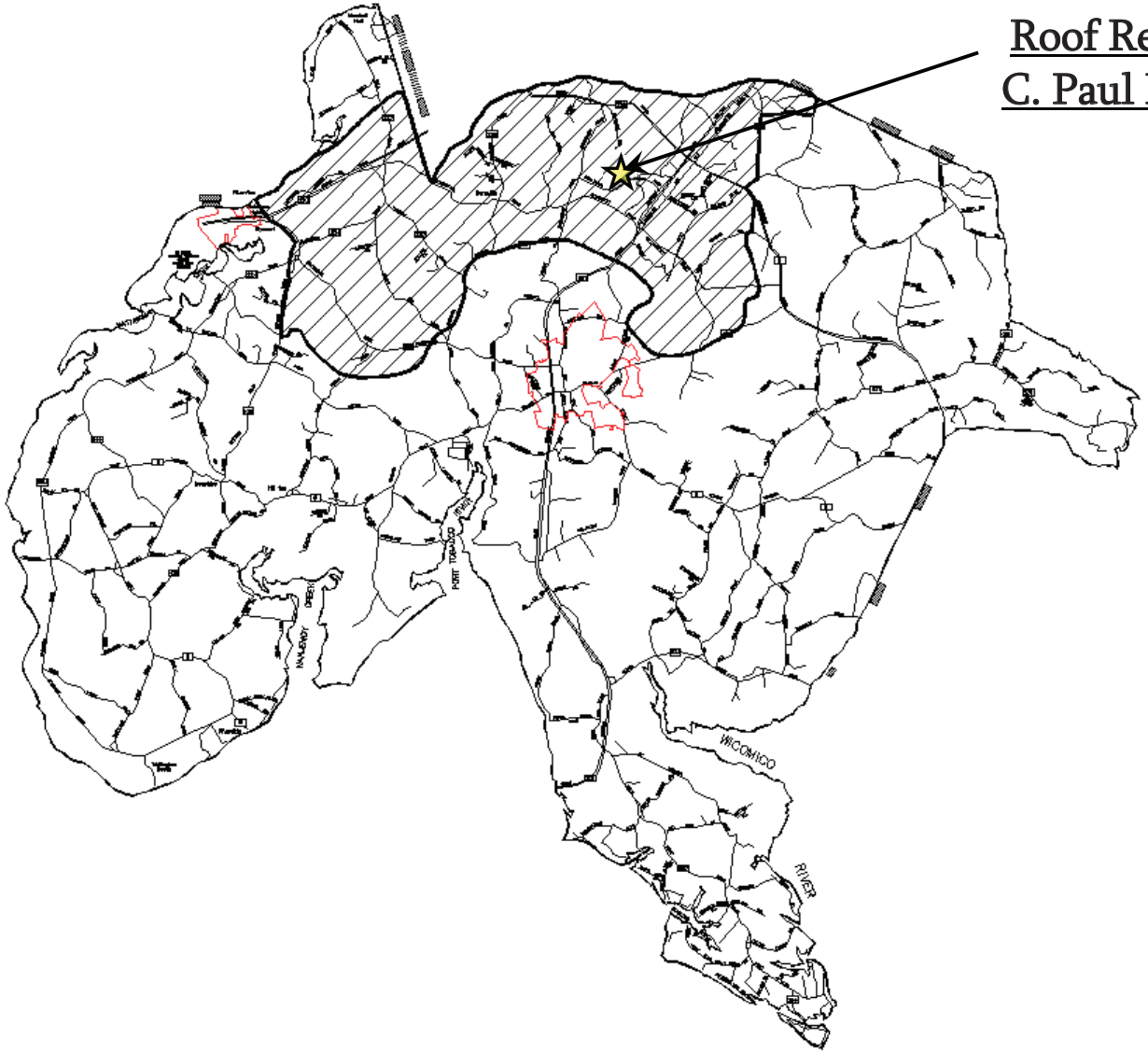
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF/BOILER/AHU/RTU REPLACEMENT AT ROBERT D. STETHAM EDUCATIONAL CENTER

The need is for a systemic renovation at the Stetham Center. This school originally opened in 1977 as the Charles County Career & Technology Center. The one air handler unit which services building B and two roof top units which service buildings A & C are over 30 years old. These units have outlived their expected usefulness and no longer maintain a suitable environment within the school. The rooftop units are original equipment when the building was constructed in the early 1970s and have approached the end of their useful life expectancy. The installations of new units are proposed, which are more efficient and would increase overall efficiency of the heating and cooling systems and reduce operating costs. The multi-roof complex was re-roofed in 1995 and will have reached its 20-year life expectancy by FY 2022. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning will be requested in FY 2023. State and local funding will be requested in FY2024.

Project Location Map

Systemic Renovation – FY2024



Roof Replacement
C. Paul Barnhart E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: C. Paul Barnhart ES - Roof Replacement - Systemic

SCHOOL ADDRESS: 4800 Lancaster Circle, Waldorf, Maryland 20603

DESCRIPTION:

The need is for a systemic renovation at Barnhart Elementary School, which opened in 1993 and is located in Westlake Village in St. Charles. The original roof will have reached its life expectancy in FY 2022. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning will be requested in FY 2021. State and Local funding will be requested in FY2022.

PROPOSED RATED CAPACITY:	602	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2023 (Local Planning)	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 1,264,000	LOCAL COST:	$ 1,206,000

PROJECT JUSTIFICATION:

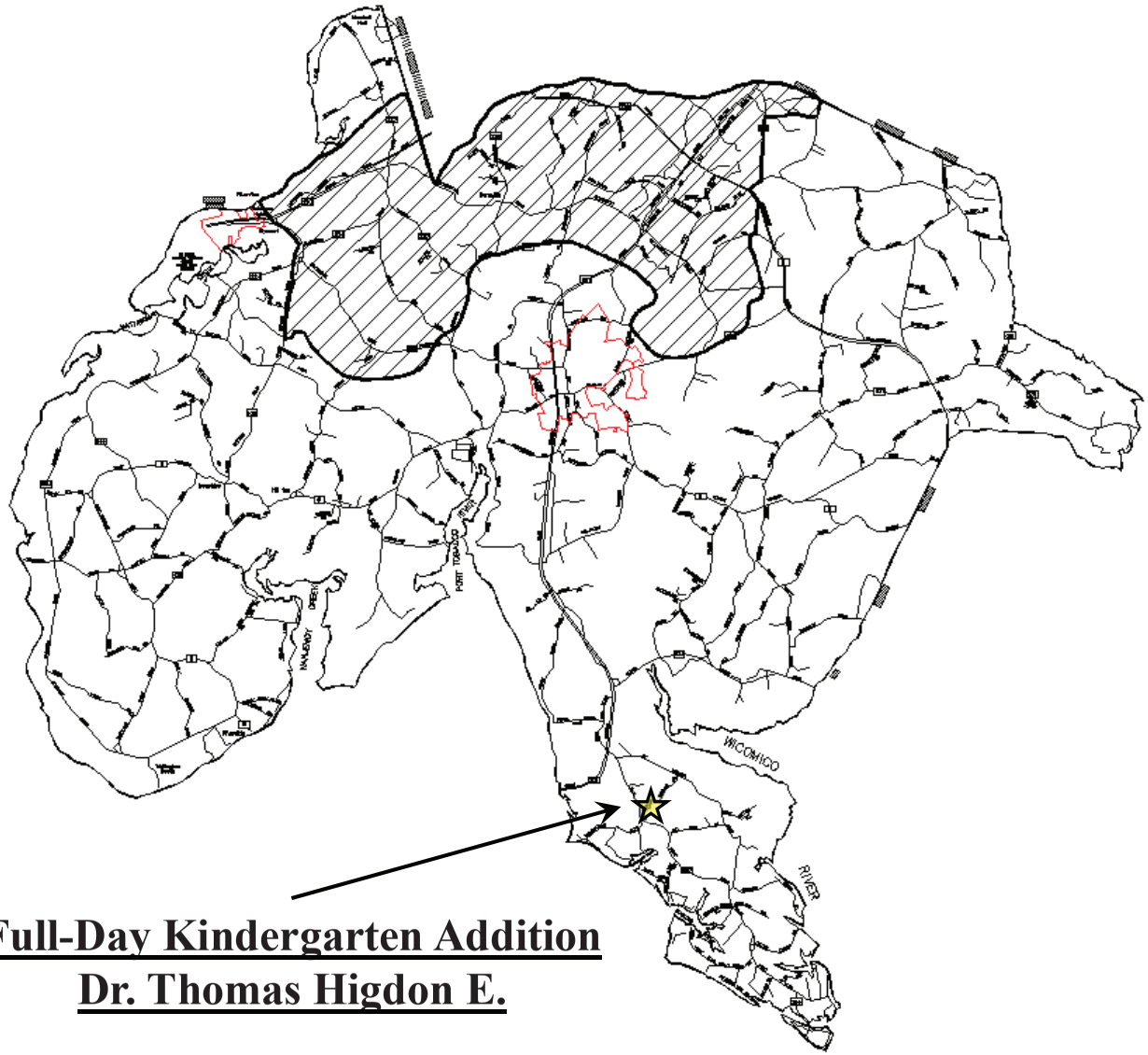
SEE ATTACHED SHEETS

PROJECT DESCRIPTION AND JUSTIFICATION

ROOF REPLACEMENT AT C. PAUL BARNHART ELEMENTARY SCHOOL

The need is for a systemic renovation at Barnhart Elementary School, which opened in 1993 and is located in Westlake Village in St. Charles. The original roof will have reached its life expectancy in FY 2022. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning will be requested in FY 2023. State and local funding will be requested in FY2024.

Project Location Map



Full-Day Kindergarten Addition
Dr. Thomas Higdon E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW ____ ADDITION X RENOVATION X REPLACEMENT ____

SYSTEMIC RENOVATIONS: ____ STATE-OWNED RELOCATABLES: ____

SCHOOL NAME: Dr. Thomas Higdon ES - Full-Day Kindergarten Addition/Renovation

SCHOOL ADDRESS: 12872 Rock Point Road, Newburg, Maryland 20664

DESCRIPTION:

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Dr. Thomas L. Higdon Elementary School in Newburg. Opened in 1951, this school had a classroom addition in 1965, and was renovated in 1988. The school currently has one kindergarten classroom and one pre-kindergarten classroom. Higdon currently houses three kindergarten classes and one pre-kindergarten class. An addition is proposed that would contain two kindergarten classrooms and an activity area. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. Planning will be requested in FY2022. Local and State construction funding will be requested in FY 2023.

PROPOSED RATED CAPACITY:	451	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2023	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 2,000,000	LOCAL COST:	$ 2,175,000

PROJECT JUSTIFICATION:

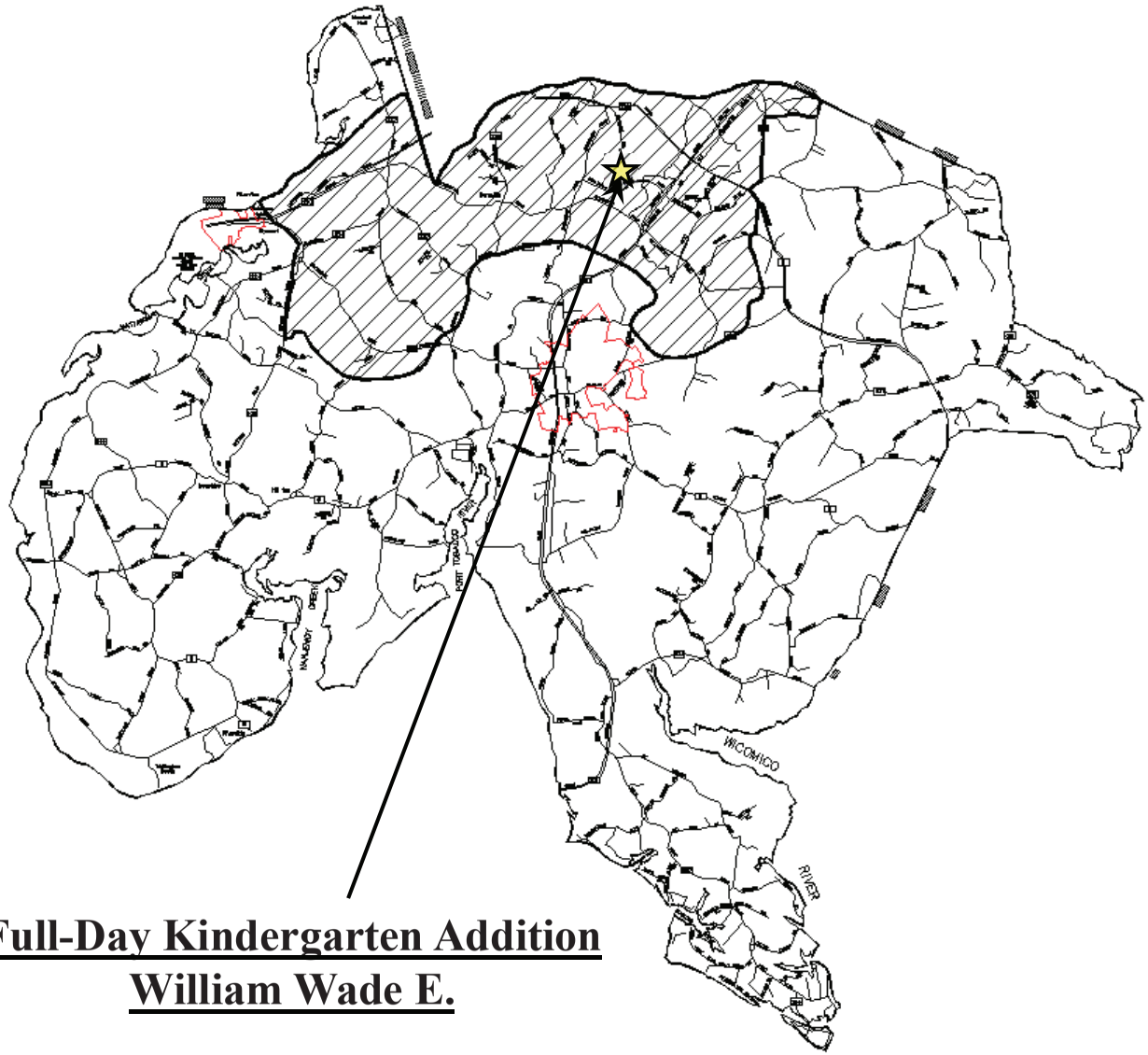
SEE ATTACHED SHEETS

PROJECT DESCRIPTION AND JUSTIFICATION

FULL-DAY KINDERGARTEN ADDITION/RENOVATION
DR. THOMAS L. HIGDON ELEMENTARY SCHOOL

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at Dr. Thomas L. Higdon Elementary School in Newburg. Opened in 1951, this school had a classroom addition in 1965, and was renovated in 1988. The school currently has one kindergarten classroom and one pre-kindergarten classroom. Higdon currently houses three kindergarten classes and one pre-kindergarten class. An addition is proposed that would contain two kindergarten classrooms and an activity area. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. Planning will be requested in FY2023. State and local construction funding will be requested in FY 2024.

Project Location Map



Full-Day Kindergarten Addition
William Wade E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW ____ ADDITION X RENOVATION X REPLACEMENT ____

SYSTEMIC RENOVATIONS: ____ STATE-OWNED RELOCATABLES: ____

SCHOOL NAME: William B. Wade ES - Full-Day Kindergarten Addition/Renovation

SCHOOL ADDRESS: 2300 Smallwood Drive, Waldorf, Maryland 20603

DESCRIPTION:

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at William B. Wade Elementary School in Waldorf. Opened in 1989, this school had a classroom addition in 2002. The school was originally constructed with two kindergarten classrooms and one pre-kindergarten classroom added in 2002. Additional spaces were appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Wade currently houses five kindergarten classes and one pre-kindergarten class. An addition is proposed that would contain four kindergarten classrooms and an activity area. The fifth kindergarten class will use the pre-kindergarten classroom in the 2002 addition. In addition, the current two kindergarten classrooms will be renovated to house the pre-kindergarten program with inclusion provisions. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. Planning was granted in FY 2009, but rescinded in FY 2014 because of the lack of local construction programming. Design was put on hold. Planning will be requested in FY2022. Local and State construction funding will be requested in FY 2023.

PROPOSED RATED CAPACITY:	679	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2023	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 2,400,000	LOCAL COST:	$ 2,300,000

PROJECT JUSTIFICATION:

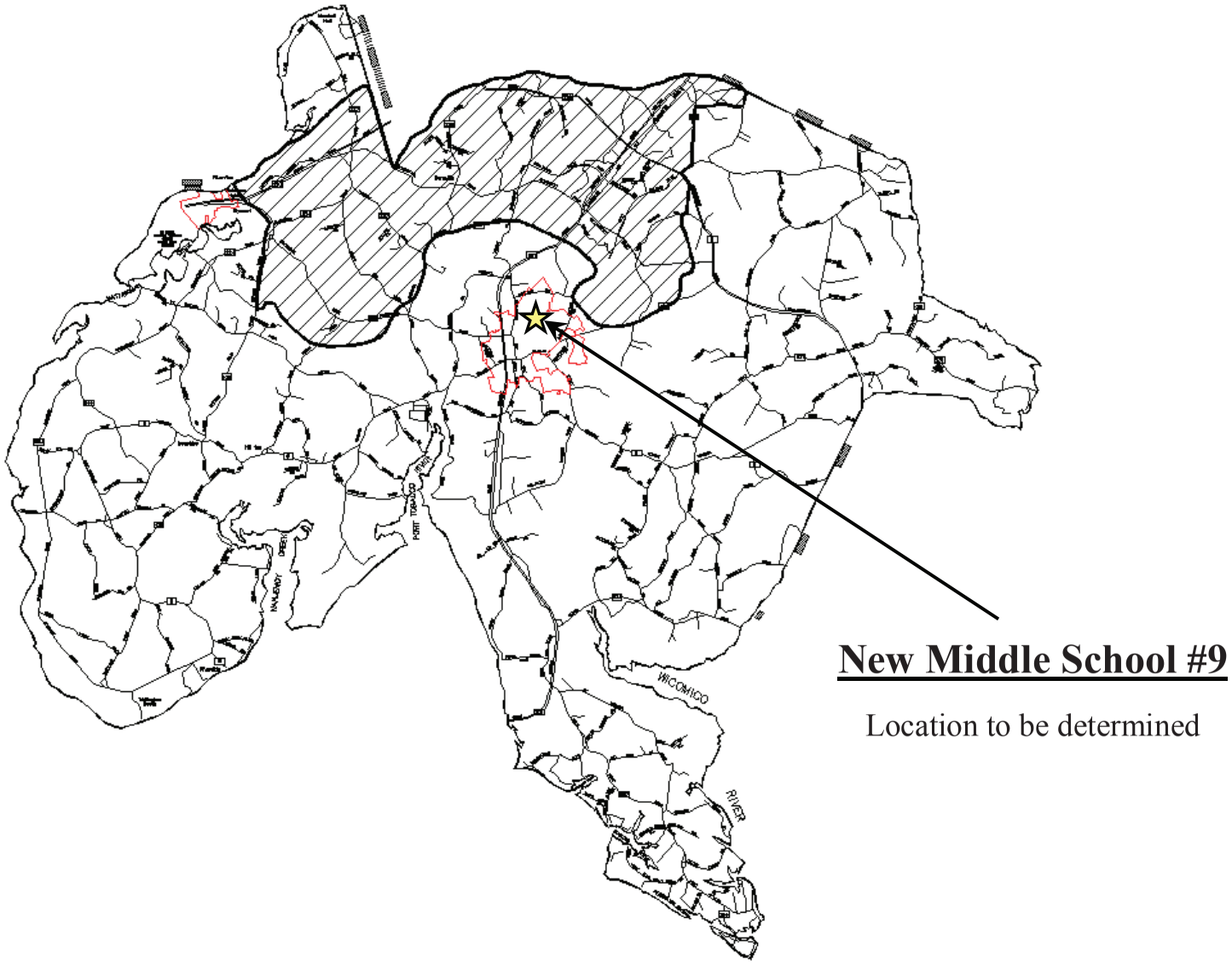
SEE ATTACHED SHEETS

PROJECT DESCRIPTION AND JUSTIFICATION

FULL-DAY KINDERGARTEN ADDITION/RENOVATION
WILLIAM B. WADE ELEMENTARY SCHOOL

There is a need for permanent space to support pre-kindergarten and full-day kindergarten programs at William B. Wade Elementary School in Waldorf. Opened in 1989, this school had a classroom addition in 2002. The school was originally constructed with two kindergarten classrooms and one pre-kindergarten classroom added in 2002. Additional spaces were appropriated for kindergarten over the years by displacing higher grades to portable classrooms. Wade currently houses five kindergarten classes and one pre-kindergarten class. An addition is proposed that would contain four kindergarten classrooms and an activity area. The fifth kindergarten class will use the pre-kindergarten classroom in the 2002 addition. In addition, the current two kindergarten classrooms will be renovated to house the pre-kindergarten program with inclusion provisions. Charles County Public Schools now uses an inclusion model for providing services to pre-kindergarten and kindergarten-aged, special education students. This requires one classroom at both the kindergarten and pre-kindergarten levels be increased in size to house an additional seven students, a special education teacher and an aide. Planning was granted in FY 2009, but rescinded in FY 2014 because of the lack of local construction programming. Design was put on hold. Planning will be requested in FY2023. State and local construction funding will be requested in FY 2024.

Project Location Map



FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW X ADDITION ____ RENOVATION ____ REPLACEMENT ____
SYSTEMIC RENOVATIONS: ____ STATE-OWNED RELOCATABLES: ____

SCHOOL NAME: New Middle School #9

SCHOOL ADDRESS: To Be Determined

DESCRIPTION:
The need is for additional capacity at the middle school level in the rapidly growing county development district. The county's Comprehensive Plan calls for the majority of growth in the county are concentrated in the development district, including those areas west of Route 301. Enrollment projections indicate that the schools serving this area will continue to experience increasing enrollment and overcrowded conditions. The proposed school site location is not determined. A school with a rated capacity of 940 is planned. The school will serve a population that includes students with special needs, students with low English proficiency, and children eligible to participate in the free and reduced meal program. Planning approval will be requested in FY 2022. Construction funds will be requested in FY2023 and FY2024.

PROPOSED RATED CAPACITY:	940	GRADES:	6 - 8
REQUEST APPROVAL FOR PLANNING: FY	2023	FUNDING:	FY 2024 & 2025
ESTIMATED COST TO STATE:	$ 28,000,000	LOCAL COST:	$ 23,650,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

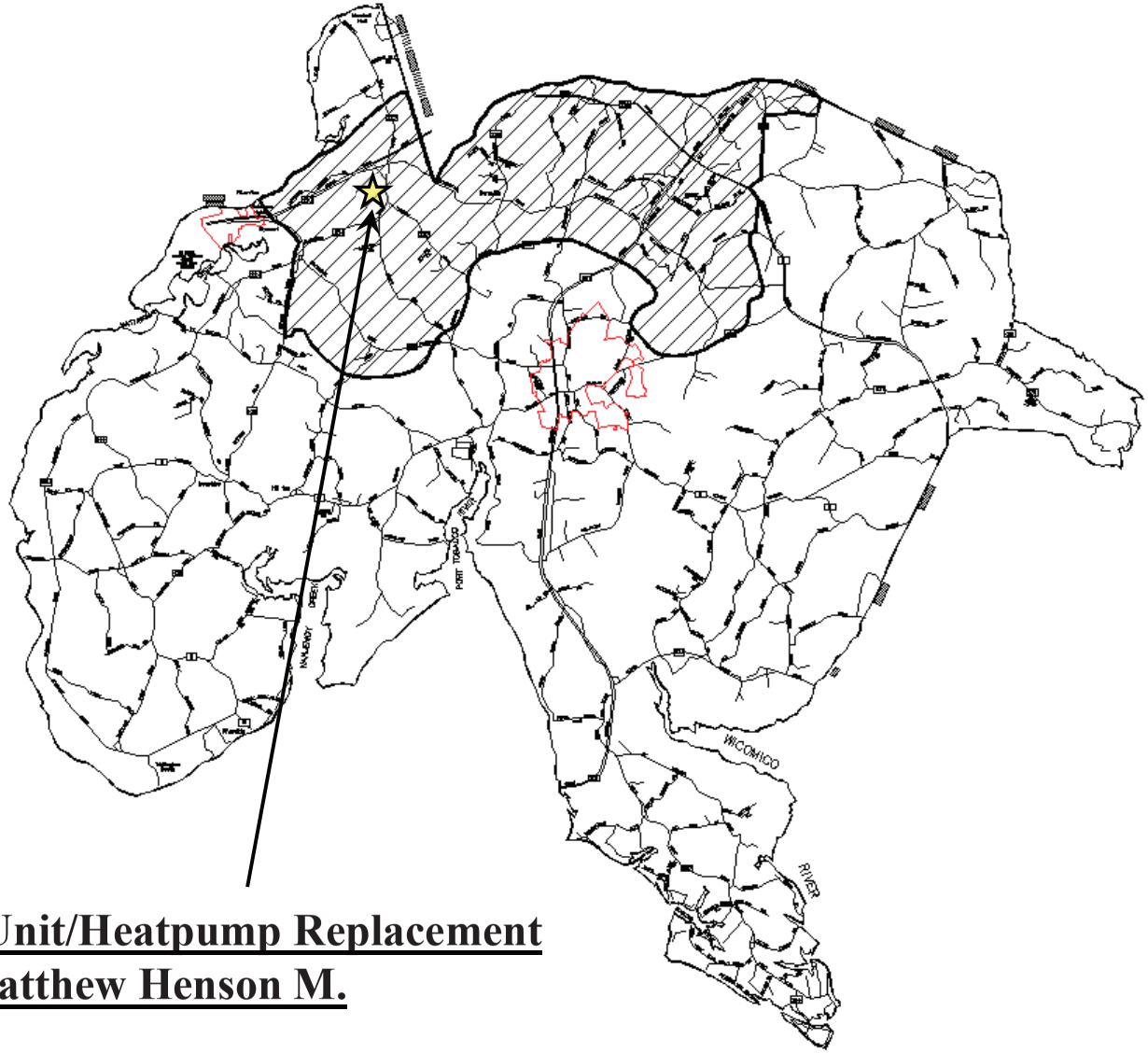
PROJECT DESCRIPTION AND JUSTIFICATION

NEW MIDDLE SCHOOL #9

The need is for additional capacity at the middle school level in the rapidly growing county development district. The county's Comprehensive Plan calls for the majority of growth in the county are concentrated in the development district, including those areas west of Route 301. Enrollment projections indicate that the schools serving this area will continue to experience increasing enrollment and overcrowded conditions. The proposed school site location is not determined. A school with a rated capacity of 940 is planned. The school will serve a population that includes students with special needs, students with low English proficiency, and children eligible to participate in the free and reduced meal program. Planning approval will be requested in FY 2023. State and local construction funds will be requested in FY2024 and FY2025.

Project Location Map

Systemic Renovation – FY2024



Multi-zone Unit/Heatpump Replacement
Matthew Henson M.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Matthew Henson MS - Multi-zone Unit/Heat Pump Replacement - Systemic

SCHOOL ADDRESS: 3535 Livingston Road, Indian Head, Maryland 20640

DESCRIPTION:

The need is for a systemic renovation at Henson Middle School. The school was renovated in 1982 and the multi-zone unit with DX cooling and the water cooled heat pumps in the classrooms will be over 30 years old and will have outlived their expected usefulness. It is proposed, new units be installed to increase overall efficiency of the heating system and to reduce operating costs. Local funding to initiate planning will be requested in FY 2022. State and Local funding will be requested in FY2023.

PROPOSED RATED CAPACITY:	668	GRADES:	6 - 12
REQUEST APPROVAL FOR PLANNING: FY	2023 (Local Planning)	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 1,083,000	LOCAL COST:	$ 965,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

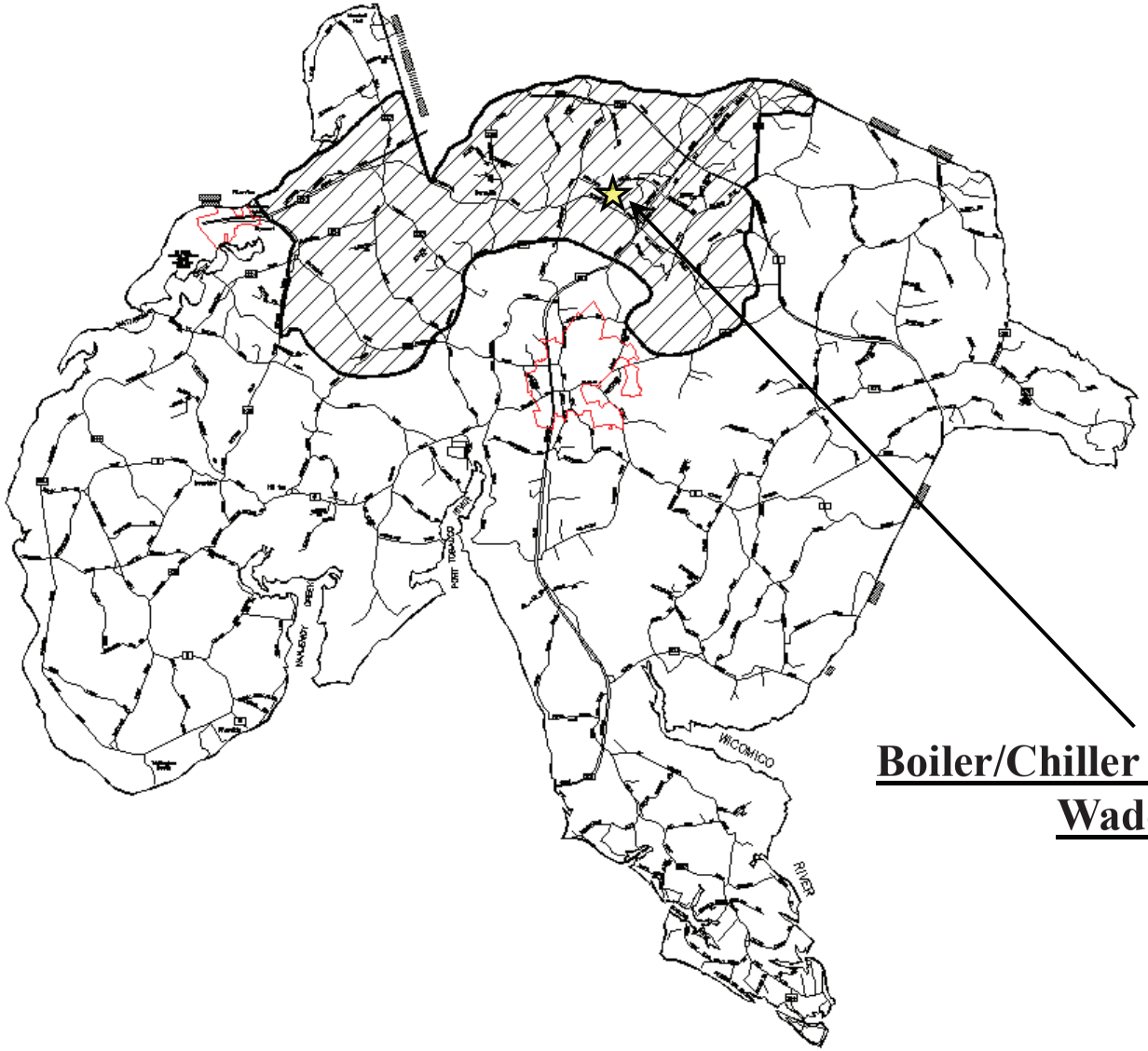
PROJECT DESCRIPTION AND JUSTIFICATION

MULTI-ZONE UNIT/HEAT PUMP REPLACEMENT AT MATTHEW HENSON MIDDLE SCHOOL

The need is for a systemic renovation at Henson Middle School. The school was renovated in 1982 and the multi-zone unit with DX cooling and the water cooled heat pumps in the classrooms will be over 30 years old and will have outlived their expected usefulness. It is proposed, new units be installed to increase overall efficiency of the heating system and to reduce operating costs. Local funding to initiate planning will be requested in FY 2023. State and local funding will be requested in FY2024.

Project Location Map

Systemic Renovation – FY2024



Boiler/Chiller Replacement
Wade E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: William B. Wade ES - Boiler/Chiller Replacement - Systemic

SCHOOL ADDRESS: 2300 Smallwood Drive, Waldorf, Maryland 20603

DESCRIPTION:

The need is for a systemic renovation at Wade Elementary School, which was renovated in 1989 and is located in Westlake Village in St. Charles. The two boilers and pump systems and the chiller are over 25 years old and have outlived their usefulness. The installation of new efficient units is proposed to increase the overall efficiency of the heating systems and reduce the operating costs. Local funding to initiate planning will be requested in FY 2022. State funding will be requested in FY2023.

PROPOSED RATED CAPACITY:	679	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2023 (Local Planning)	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 714,000	LOCAL COST:	$ 656,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

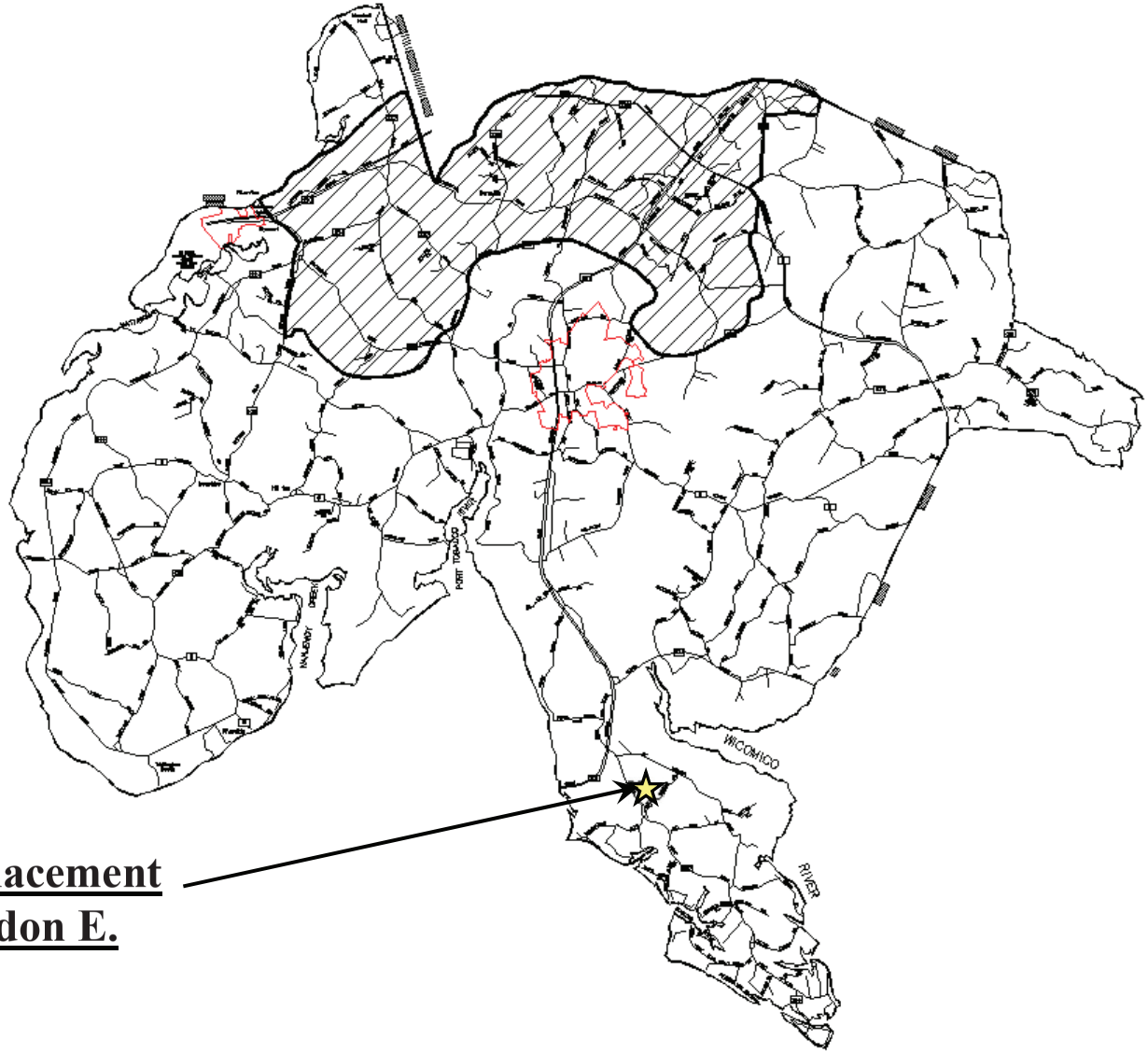
PROJECT DESCRIPTION AND JUSTIFICATION

BOILER REPLACEMENT AT WESTLAKE HIGH SCHOOL

The need is for a systemic renovation at Westlake High School, which opened in 1992 and is located in Westlake Village in St. Charles. The boiler and pump systems are over 25 years old and will have outlived their expected usefulness. Installations of new efficient units are proposed to increase overall efficiency of the heating system and reduce operating costs. Planning approval will be requested in FY 2025. State and local construction funding will be requested in FY2026.

Project Location Map

Systemic Renovation – FY2024



Roof Replacement
Dr. Higdon E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW ____ ADDITION ____ RENOVATION ____ REPLACEMENT ____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: ____

SCHOOL NAME: Dr. Thomas L. Hidgon ES - Roof Replacement - Systemic

SCHOOL ADDRESS: 12872 Rock Point Road, Newburg, Maryland 20664

DESCRIPTION:

The need is for a systemic renovation at Higdon Elementary school, which was renovated in 1988. The school was re-roofed as part of the renovation and the roof is past the 20-year life expectancy. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our roof consultant prior to design to address any unseen problems. Local funding to initiate planning will be requested in FY 2022. State funding will be requested in FY2023.

PROPOSED RATED CAPACITY:	451	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2023 (Local Planning)	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 959,000	LOCAL COST:	$ 1,012,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

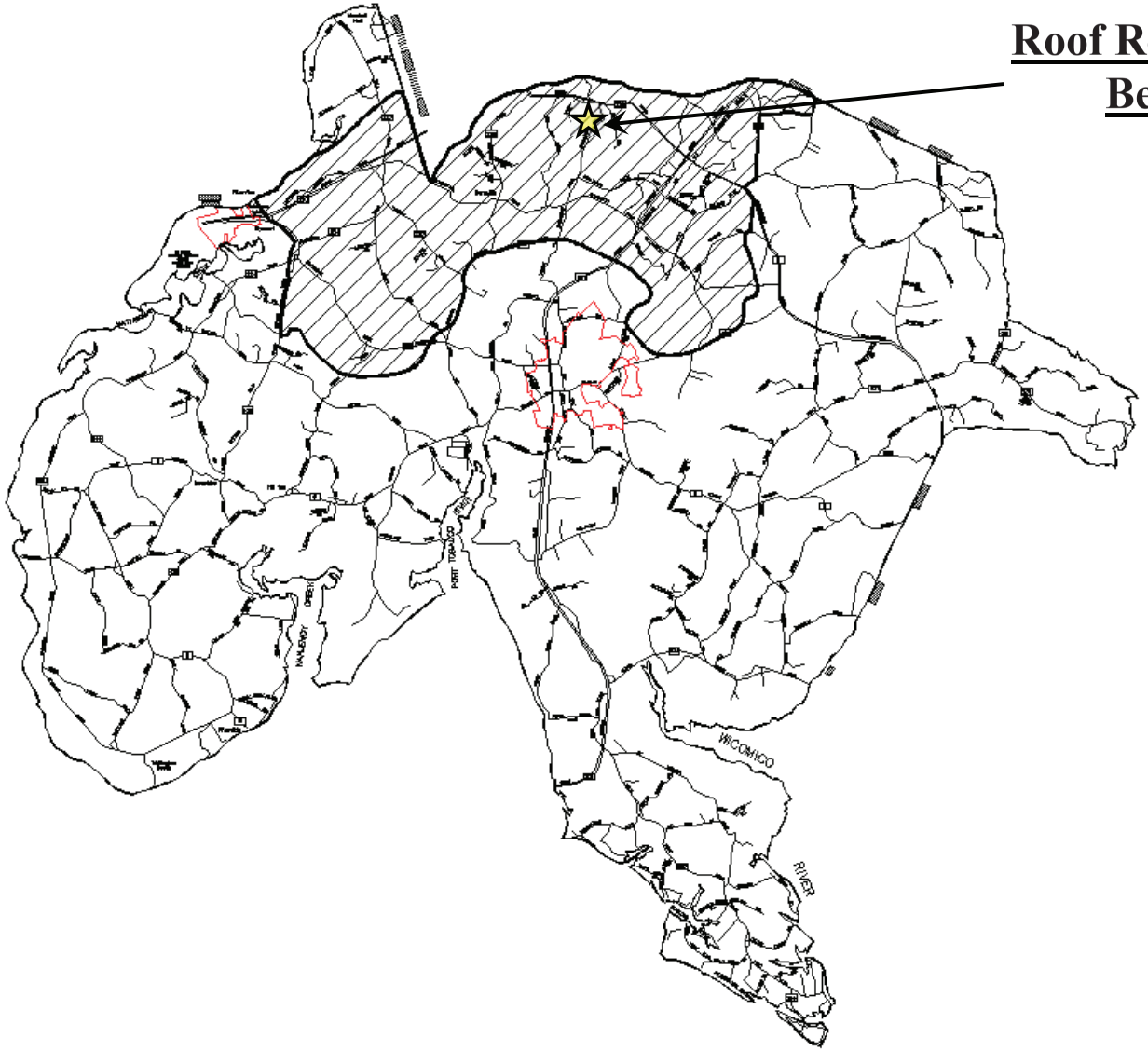
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF REPLACEMENT AT DR. THOMAS L. HIGDON ELEMENTARY SCHOOL

The need is for a systemic renovation at Higdon Elementary school, which was renovated in 1988. The school was re-roofed as part of the renovation and the roof is past the 20-year life expectancy. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our roof consultant prior to design to address any unseen problems. Local funding to initiate planning will be requested in FY 2023. State and local construction funding will be requested in FY2024.

Project Location Map

Systemic Renovation – FY2024



Roof Replacement
Berry E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Berry ES - Roof Replacement - Systemic

SCHOOL ADDRESS: 10155 Berry Road, Waldorf, Maryland 20603

DESCRIPTION:

The need is for a systemic renovation at Berry Elementary School, which opened in 1996 and located in the rapidly growing route 228 corridor in Waldorf. The original roof will have reached its 20-year life expectancy in FY 2016. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning will be requested in FY 2022. State funding will be requested in FY2023.

PROPOSED RATED CAPACITY:	724	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2023 (Local Planning)	FUNDING:	FY 2024
ESTIMATED COST TO STATE:	$ 1,409,000	LOCAL COST:	$ 1,299,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

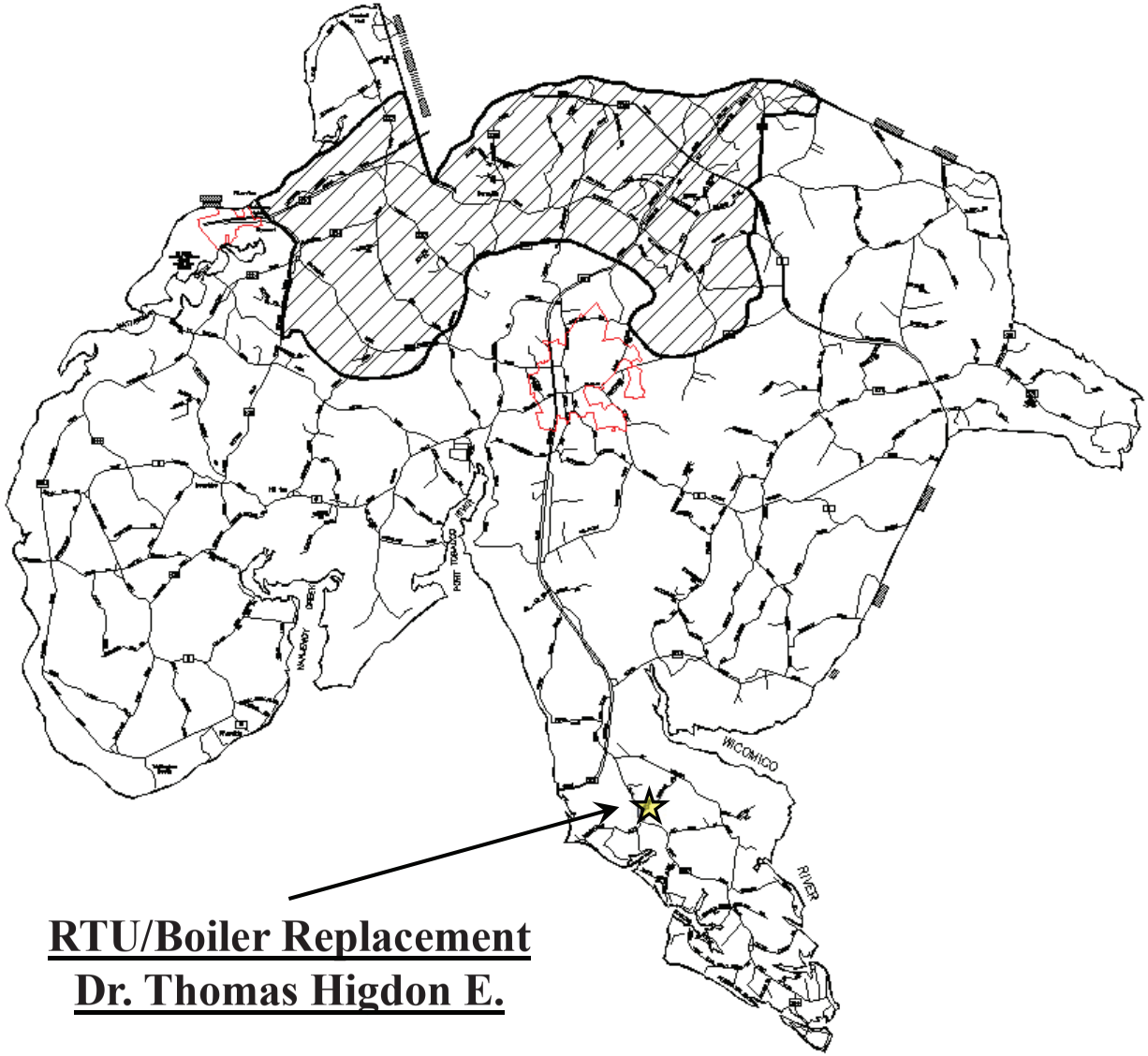
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF REPLACEMENT AT BERRY ELEMENTARY SCHOOL

The need is for a systemic renovation at Berry Elementary School, which opened in 1996 and located in the rapidly growing route 228 corridor in Waldorf. The original roof will have reached its 20-year life expectancy in FY 2016. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. Local funding to initiate planning will be requested in FY 2023. State and local construction funding will be requested in FY2024.

Project Location Map

Systemic Renovation – FY2025



RTU/Boiler Replacement
Dr. Thomas Higdon E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Dr. Thomas L. Hidgon ES - RTU/Boiler Replacement - Systemic

SCHOOL ADDRESS: 12872 Rock Point Road, Newburg, Maryland 20664

DESCRIPTION:

The need is for a systemic renovation at Dr. Higdon Elementary School. This school, located in Newburg and services the southern part of the county, opened in 1988. The eight rooftop units and two boilers are original equipment when the building was renovated in the 1980s and no longer maintains a suitable environment within the school. The installations of new units are proposed, which are more efficient and would increase overall efficiency of the heating and cooling systems and reduce operating costs. Local funding to initiate planning will be requested in FY 2023. State funding will be requested in FY2024.

PROPOSED RATED CAPACITY:	451	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2024 (Local Planning)	FUNDING:	FY 2025
ESTIMATED COST TO STATE:	$ 1,495,000	LOCAL COST:	$ 1,390,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

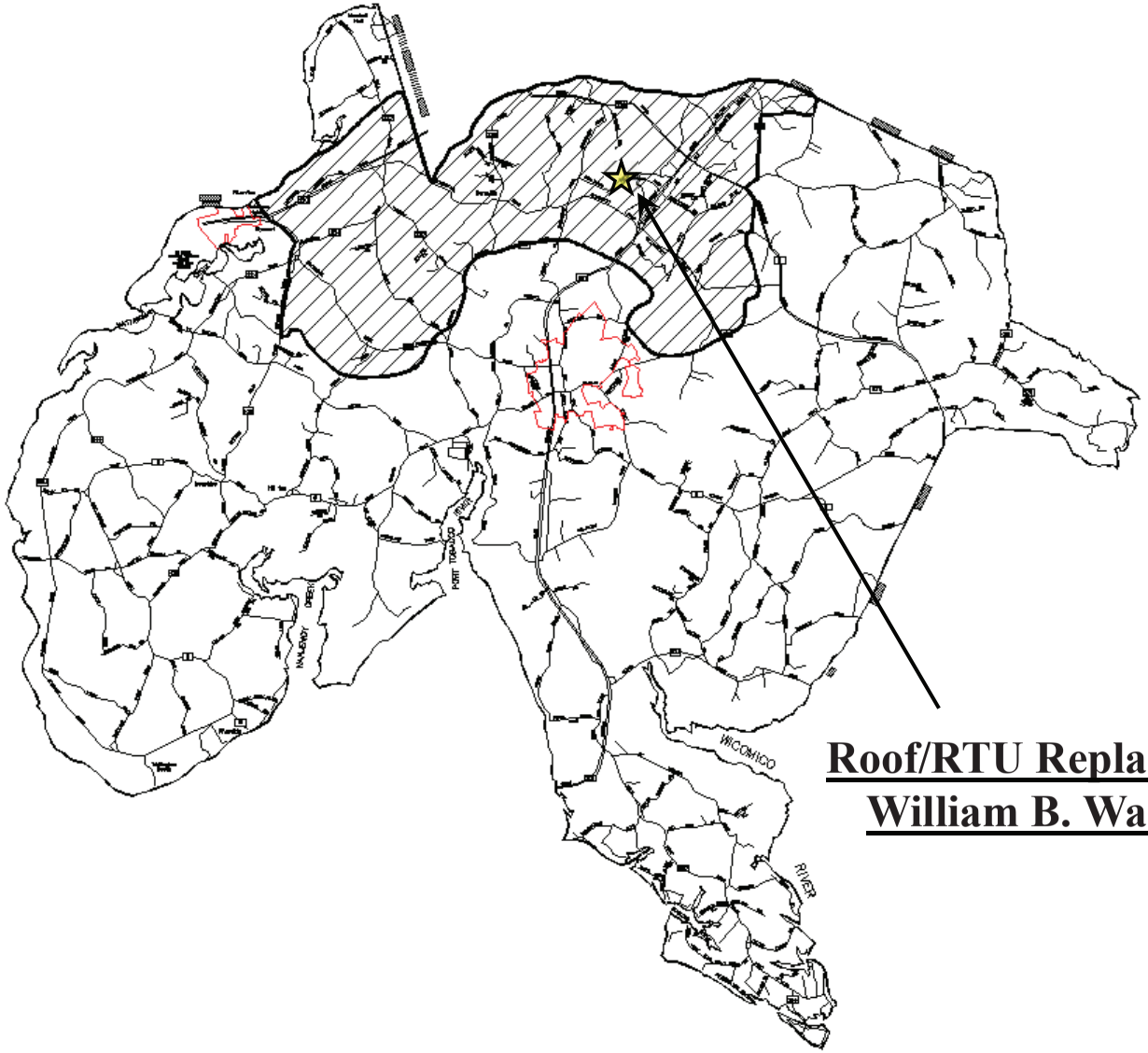
PROJECT DESCRIPTION AND JUSTIFICATION

RTU/Boiler Replacements Dr. Thomas L. Higdon Elementary School

The need is for a systemic renovation at Dr. Higdon Elementary School. This school, located in Newburg and services the southern part of the county, opened in 1988. The eight rooftop units and two boilers are original equipment when the building was renovated in the 1980s and no longer maintains a suitable environment within the school. The installations of new units are proposed, which are more efficient and would increase overall efficiency of the heating and cooling systems and reduce operating costs. Local funding to initiate planning will be requested in FY 2024. State and local construction funding will be requested in FY2025.

Project Location Map

Systemic Renovation – FY2025



Roof/RTU Replacement
William B. Wade E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: William B. Wade ES - Roof/RTU Replacement - Systemic

SCHOOL ADDRESS: 2300 Smallwood Drive, Waldorf, Maryland 20603

DESCRIPTION:

The need is for a systemic renovation at Wade Elementary School, which was originally constructed in 1989 and is located in Westlake Village in St. Charles. The original roof will have reached its 20-year life expectancy. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. The rooftop units and chiller are original equipment when the building was constructed and will have reached the end of their useful life. The installation of new efficient units is proposed, which are environmentally friendly, and will increase the overall efficiency of the heating cooling systems and reduce the operating costs. Local funding to initiate planning will be requested in FY 2023. State funding will be requested in FY2024.

PROPOSED RATED CAPACITY:	679	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2024 (Local Planning)	FUNDING:	FY 2025
ESTIMATED COST TO STATE:	$ 2,000,000	LOCAL COST:	$ 2,500,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

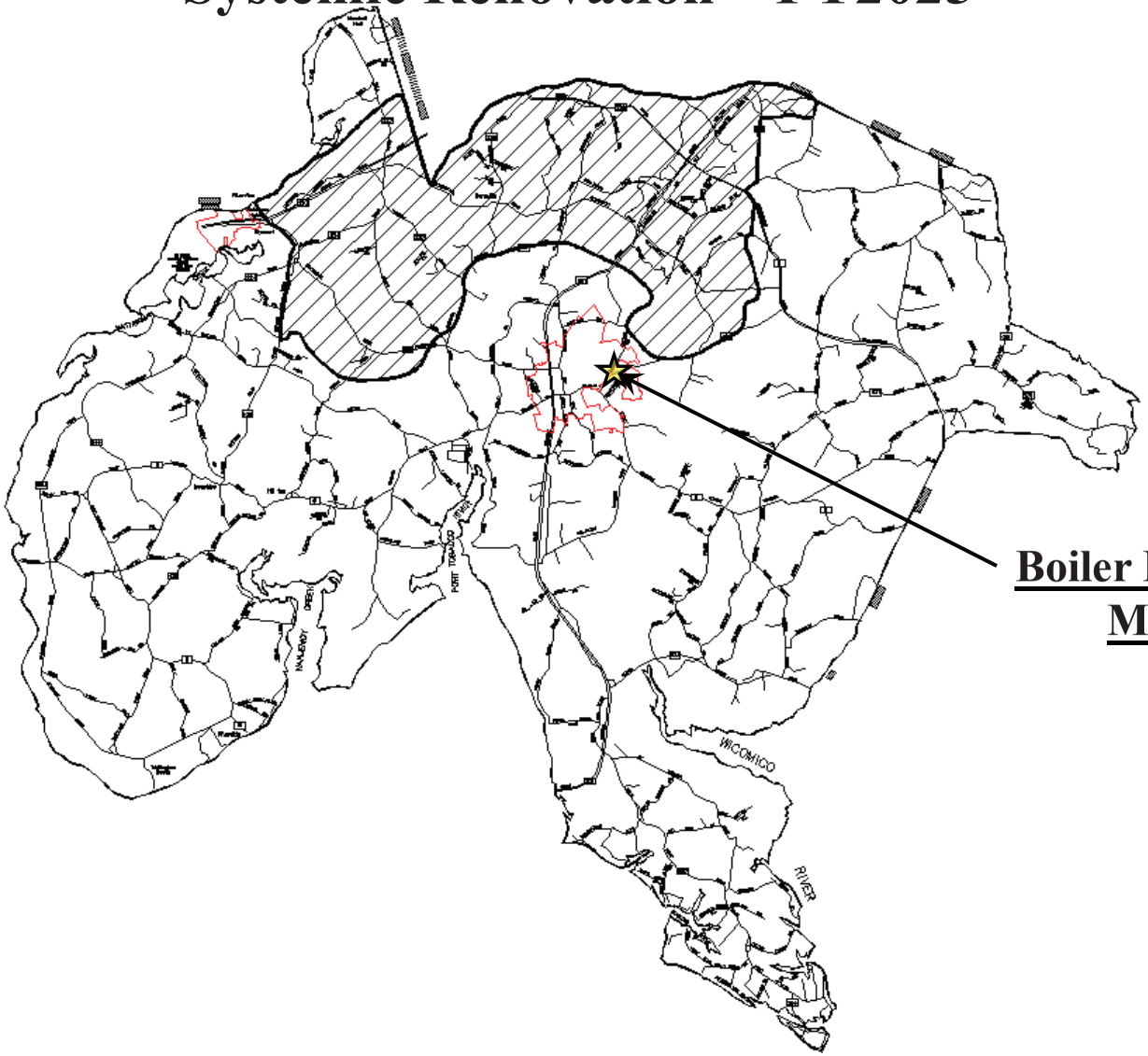
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF/RTU REPLACEMENTS AT WILLIAM B. WADE ELEMENTARY SCHOOL

The need is for a systemic renovation at Wade Elementary School, which was originally constructed in 1989 and is located in Westlake Village in St. Charles. The original roof will have reached its 20-year life expectancy. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof and building envelope investigation will be performed by our consultant prior to design to address any unforeseen problems. The rooftop units and chiller are original equipment when the building was constructed and will have reached the end of their useful life. The installation of new efficient units is proposed, which are environmentally friendly, and will increase the overall efficiency of the heating cooling systems and reduce the operating costs. Local funding to initiate planning will be requested in FY 2024. State and local construction funding will be requested in FY2025.

Project Location Map

Systemic Renovation – FY2025



Boiler Replacement
Matula E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Mary H. Matula ES - Boiler Replacement - Systemic

SCHOOL ADDRESS: 6025 Radio Station Road, La Plata, Maryland 20646

DESCRIPTION:

The need is for a systemic renovation at Matula Elementary School, which opened in 1992, and is located in the town of La Plata. The two boilers and pump systems will be over 31 years old and have outlived their expected usefulness. Installation of new units is proposed to increase overall efficiency of the heating system and reduce operating costs. Local funding to initiate planning will be requested in FY 2023. State and Local construction funding will be requested for FY2024.

PROPOSED RATED CAPACITY:	656	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2024 (Local Planning)	FUNDING:	FY 2025
ESTIMATED COST TO STATE:	$ 500,000	LOCAL COST:	$ 450,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

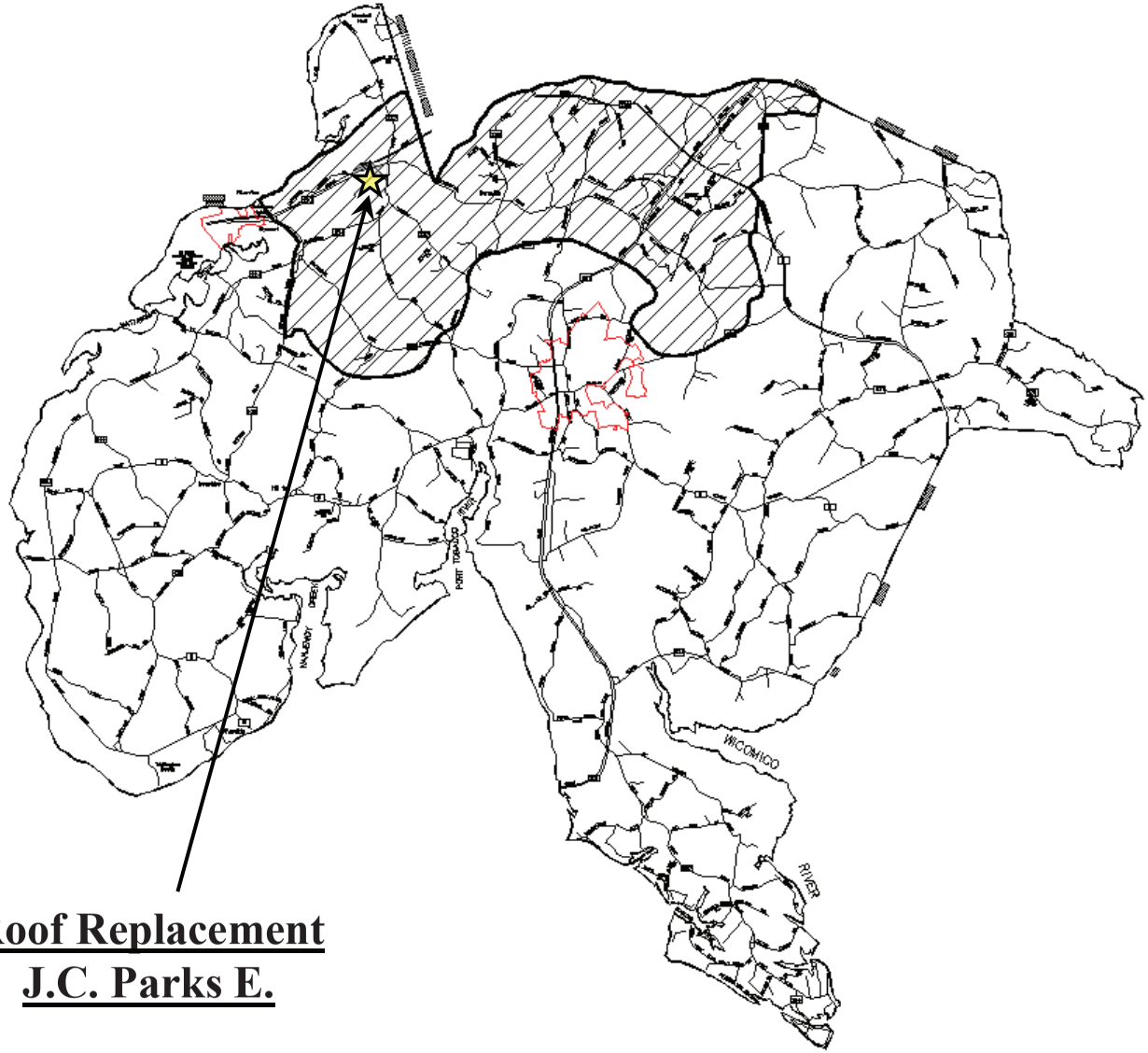
PROJECT DESCRIPTION AND JUSTIFICATION

Boiler Replacement at Mary H. Matula Elementary School

The need is for a systemic renovation at Matula Elementary School, which opened in 1992, and is located in the town of La Plata. The two boilers and pump systems will be over 31 years old and have outlived their expected usefulness. Installation of new units is proposed to increase overall efficiency of the heating system and reduce operating costs. Local funding to initiate planning will be requested in FY 2024. State and local construction funding will be requested in FY2025.

Project Location Map

Systemic Renovation – FY2026



Roof Replacement
J.C. Parks E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: J.C. Parks ES - Roof Replacement - Systemic

SCHOOL ADDRESS: 3505 Livingston Road, Indian Head, Maryland 20640

DESCRIPTION:

The need is for a systemic renovation at Parks Elementary School, which opened in 1967 and located in the Bryans Road Town Center Revitalization Area. The building was re-roofed in 1997 will have exceeded its 20-year life expectancy in FY 2025. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof investigation will be performed by our consultant prior to design to address any unforeseen problems. Planning approval will be requested in FY 2024. Construction funding will be requested in FY 2025.

PROPOSED RATED CAPACITY:	644	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2025 (Local Planning)	FUNDING:	FY 2026
ESTIMATED COST TO STATE:	$ 980,000	LOCAL COST:	$ 1,080,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

PROJECT DESCRIPTION AND JUSTIFICATION

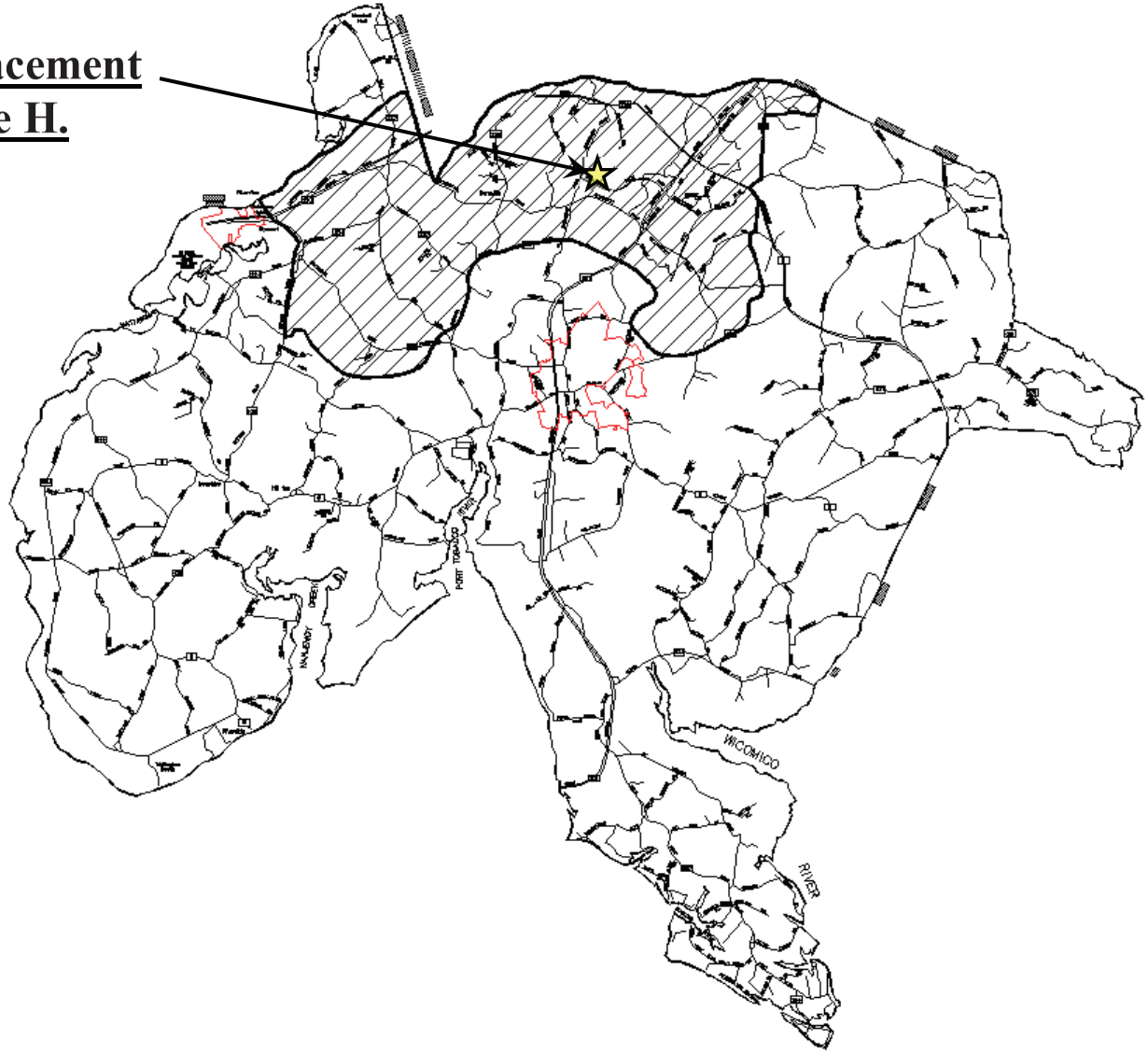
ROOF REPLACEMENT AT J.C. PARKS ELEMENTARY SCHOOL

The need is for a systemic renovation at Parks Elementary School, which opened in 1967 and located in the Bryans Road Town Center Revitalization Area. The building was re-roofed in 1997 will have exceeded its 20-year life expectancy in FY 2025. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof investigation will be performed by our consultant prior to design to address any unforeseen problems. Planning approval will be requested in FY 2025. State and local construction funding will be requested in FY2026.

Project Location Map

Systemic Renovation – FY2026

Boiler Replacement
Westlake H.



FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Westlake HS - Boiler Replacement - Systemic

SCHOOL ADDRESS: 3300 Middletown Road, Waldorf, Maryland 20603

DESCRIPTION:

The need is for a systemic renovation at Westlake High School, which opened in 1992 and is located in Westlake Village in St. Charles. The boiler and pump systems are over 25 years old and will have outlived their expected usefulness. Installations of new efficient units are proposed to increase overall efficiency of the heating system and reduce operating costs. Planning approval will be requested in FY 2024. Construction funding will be requested in FY 2025.

PROPOSED RATED CAPACITY:	1,246	GRADES:	9 - 12
APPROVAL FOR PLANNING: FY	2025 (Local Planning)	FUNDING:	FY 2026
ESTIMATED COST TO STATE:	$ 750,000	LOCAL COST:	$ 750,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

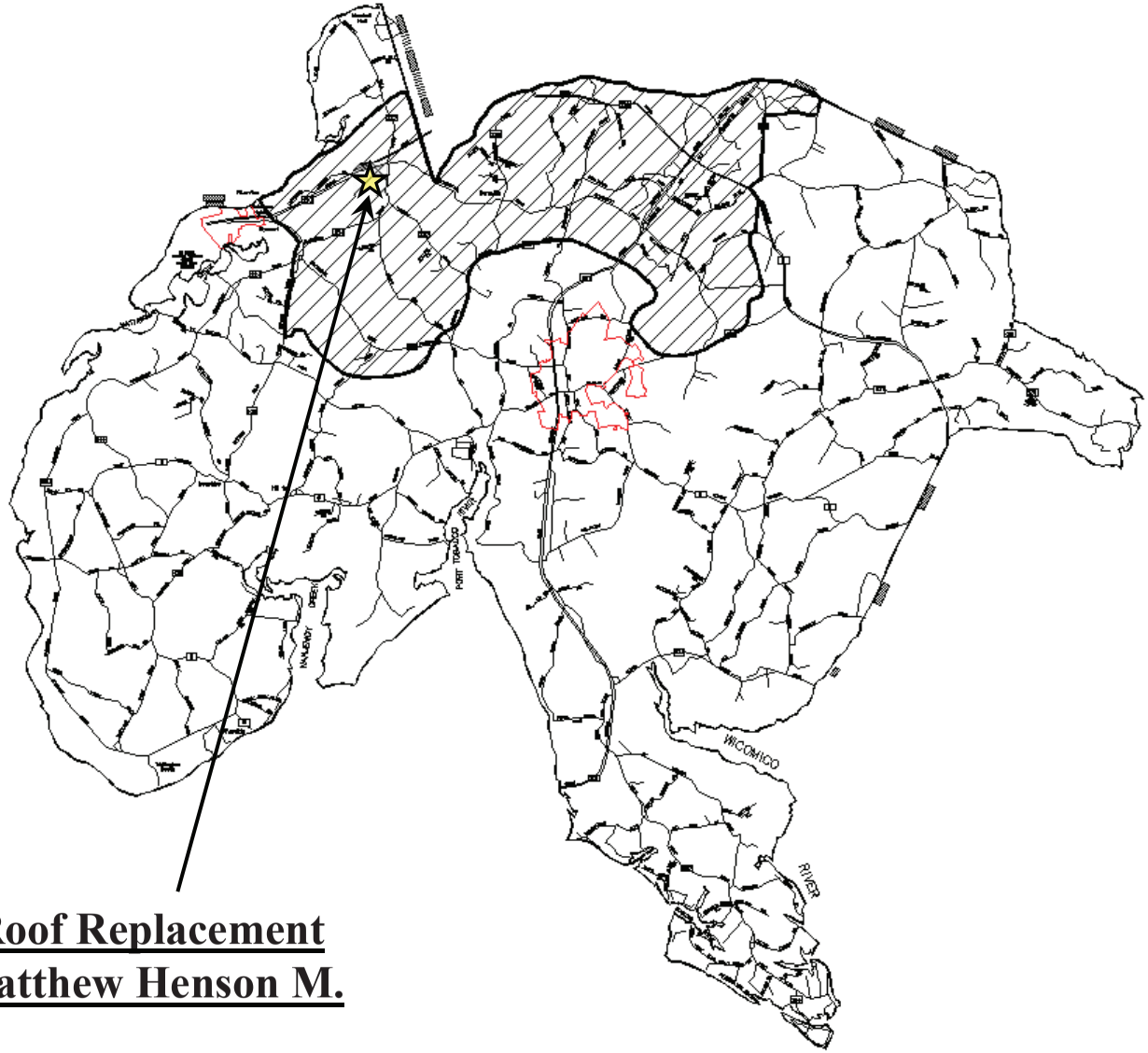
PROJECT DESCRIPTION AND JUSTIFICATION

BOILER REPLACEMENT AT WESTLAKE HIGH SCHOOL

The need is for a systemic renovation at Westlake High School, which opened in 1992 and is located in Westlake Village in St. Charles. The boiler and pump systems are over 25 years old and will have outlived their expected usefulness. Installations of new efficient units are proposed to increase overall efficiency of the heating system and reduce operating costs. Planning approval will be requested in FY 2025. State and local construction funding will be requested in FY2026.

Project Location Map

Systemic Renovation – FY2026



<u>Roof Replacement</u>
<u>Matthew Henson M.</u>

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Matthew Henson MS - Roof Replacement - Systemic

SCHOOL ADDRESS: 3535 Livingston Road, Indian Head, Maryland 20640

DESCRIPTION:

The need is for a systemic renovation at Henson Middle School. This school was renovated in 1982 and serves a portion of the development district. The school was re-roofed as part of the 1982 renovation and again in 1998 after a catastrophic failure of its single-ply membrane roof. The roof will have exceeded its 20-year life expectancy by FY 2025. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof investigation will be performed by our consultant prior to design to address any unforeseen problems. Planning approval will be requested in FY 2024. Construction funding will be requested in FY 2025.

PROPOSED RATED CAPACITY:	668	GRADES:	6 - 8
APPROVAL FOR PLANNING: FY	2025 (Local Planning)	FUNDING:	FY 2026
ESTIMATED COST TO STATE:	$ 1,685,000	LOCAL COST:	$ 1,680,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

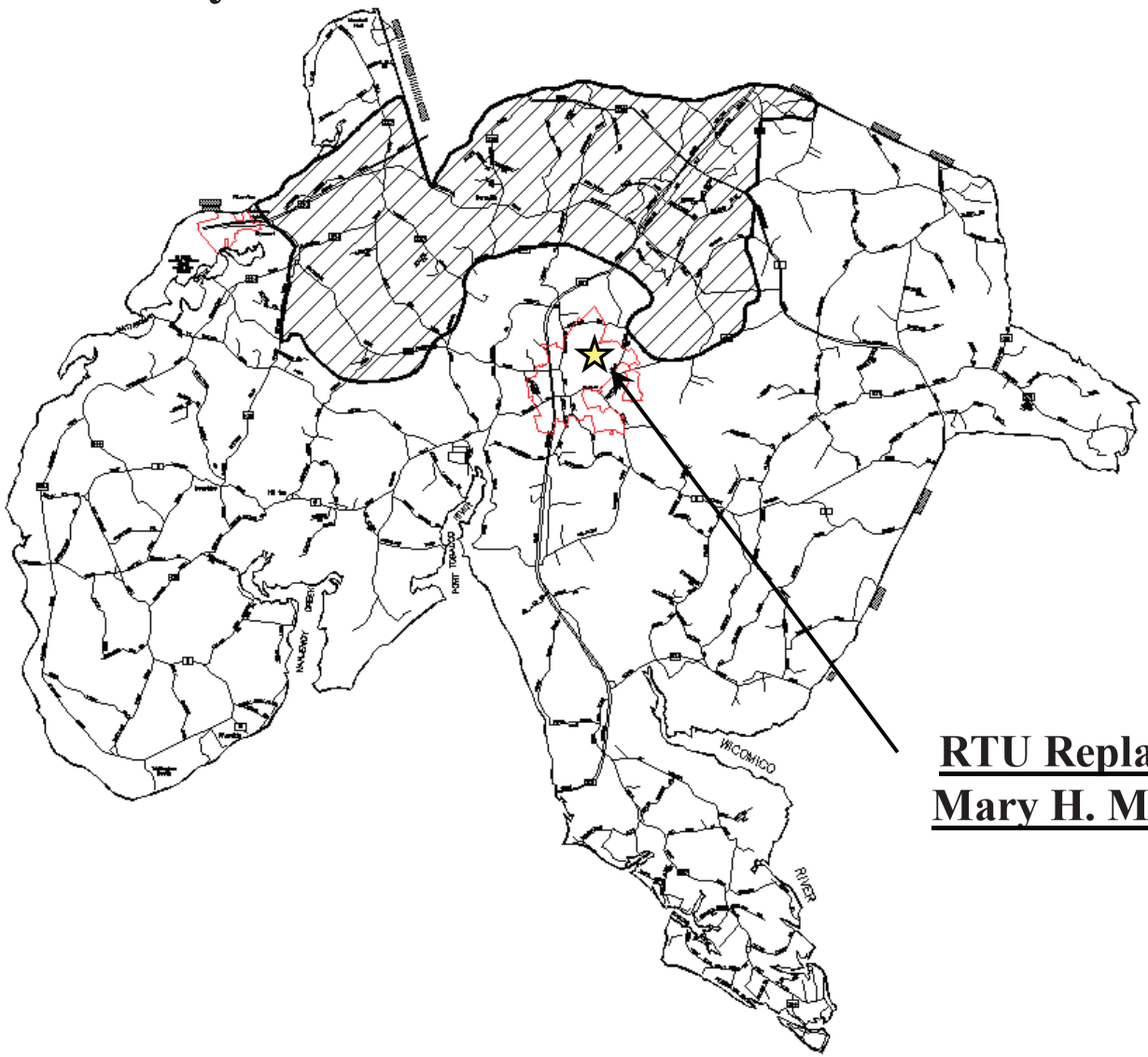
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF REPLACEMENT AT MATTHEW HENSON MIDDLE SCHOOL

The need is for a systemic renovation at Henson Middle School. This school was renovated in 1982 and serves a portion of the development district. The school was re-roofed as part of the 1982 renovation and again in 1998 after a catastrophic failure of its single-ply membrane roof. The roof will have exceeded its 20-year life expectancy by FY 2025. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof investigation will be performed by our consultant prior to design to address any unforeseen problems. Planning approval will be requested in FY 2025. State and local construction funding will be requested in FY2026.

Project Location Map

Systemic Renovation – FY2027



RTU Replacement
Mary H. Matula E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Mary H. Matula ES - RTU Replacement - Systemic

SCHOOL ADDRESS: 6025 Radio Station Road, La Plata, Maryland 20646

DESCRIPTION:

The need is for a systemic renovation at Matula Elementary School, which opened in 1992 and is located in the Town of La Plata. The rooftop units are original equipment when the school was constructed and have approached the end of their useful life. The installation of new efficient units is proposed, which are environmentally friendly, and will increase the overall efficiency of the heating cooling systems and reduce the operating costs. Planning approval will be requested in FY 2025. Construction funding will be requested in FY 2026.

PROPOSED RATED CAPACITY:	656	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2026 (Local Planning)	FUNDING:	FY 2027
ESTIMATED COST TO STATE:	$ 1,400,000	LOCAL COST:	$ 1,295,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

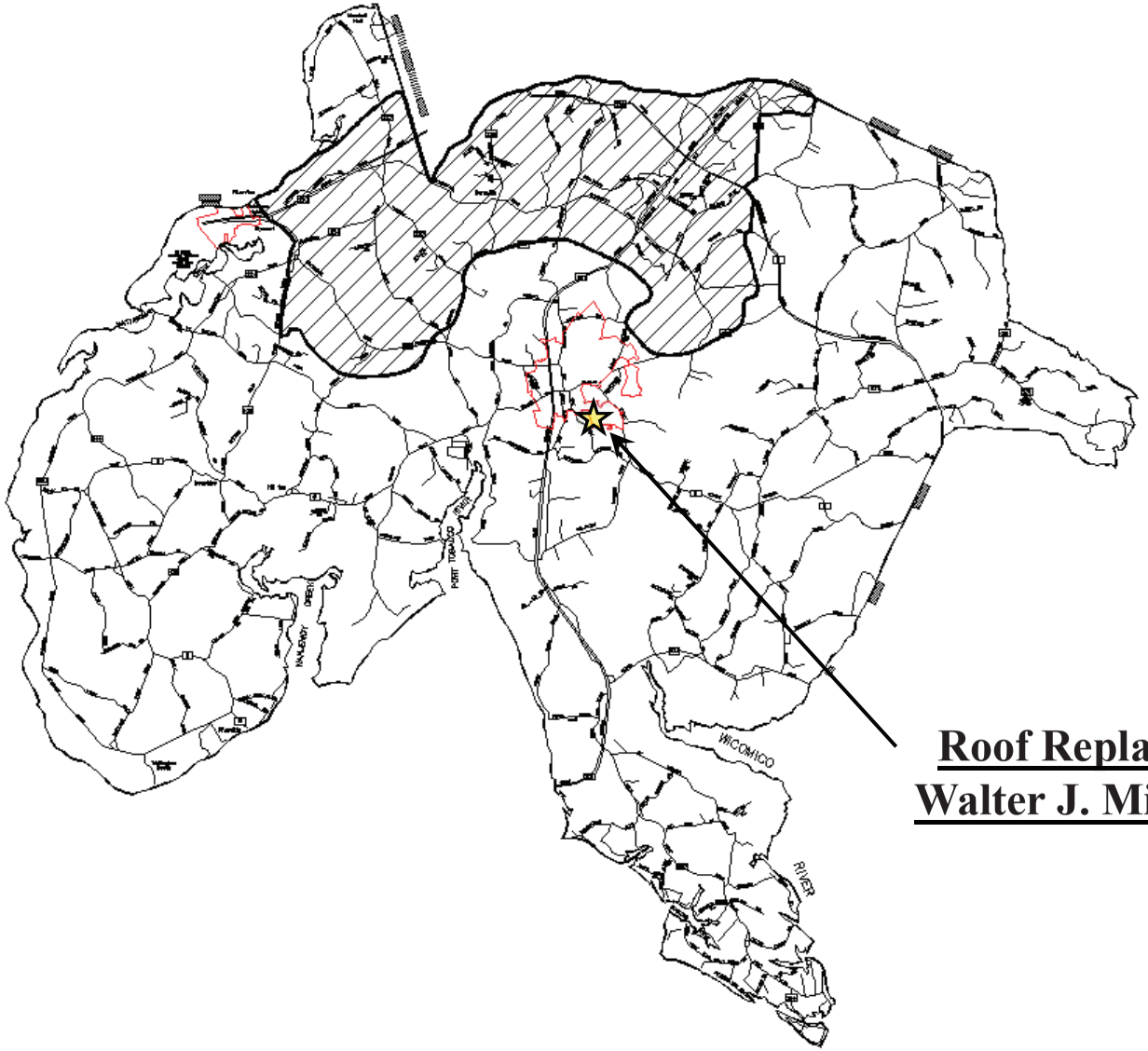
PROJECT DESCRIPTION AND JUSTIFICATION

RTU REPLACEMENT AT MARY H. MATULA ELEMENTARY SCHOOL

The need is for a systemic renovation at Matula Elementary School, which opened in 1992 and is located in the Town of La Plata. The rooftop units are original equipment when the school was constructed and have approached the end of their useful life. The installation of new efficient units is proposed, which are environmentally friendly, and will increase the overall efficiency of the heating cooling systems and reduce the operating costs. Planning approval will be requested in FY 2026. State and local construction funding will be requested in FY2027.

Project Location Map

Systemic Renovation – FY2027



Roof Replacement
Walter J. Mitchell E.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Walter J. Mitchell ES - Roof Replacement - Systemic

SCHOOL ADDRESS: 400 Willow Lane, La Plata, Maryland 20646

DESCRIPTION:

The need is for a systemic renovation at Mitchell Elementary School, which opened in 1965 and located in the Town of La Plata. The roof is a combination of shingles and is a built-up roofing area. The building was re-roofed in 1991 and the roof is beyond the 20-year warranty and normal life expectancy. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof investigation will be performed by our consultant prior to design to address any unforeseen problems. Planning approval will be requested in FY 2025. Construction funding will be requested in FY 2026.

PROPOSED RATED CAPACITY:	578	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2026 (Local Planning)	FUNDING:	FY 2027
ESTIMATED COST TO STATE:	$ 1,500,000	LOCAL COST:	$ 1,285,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

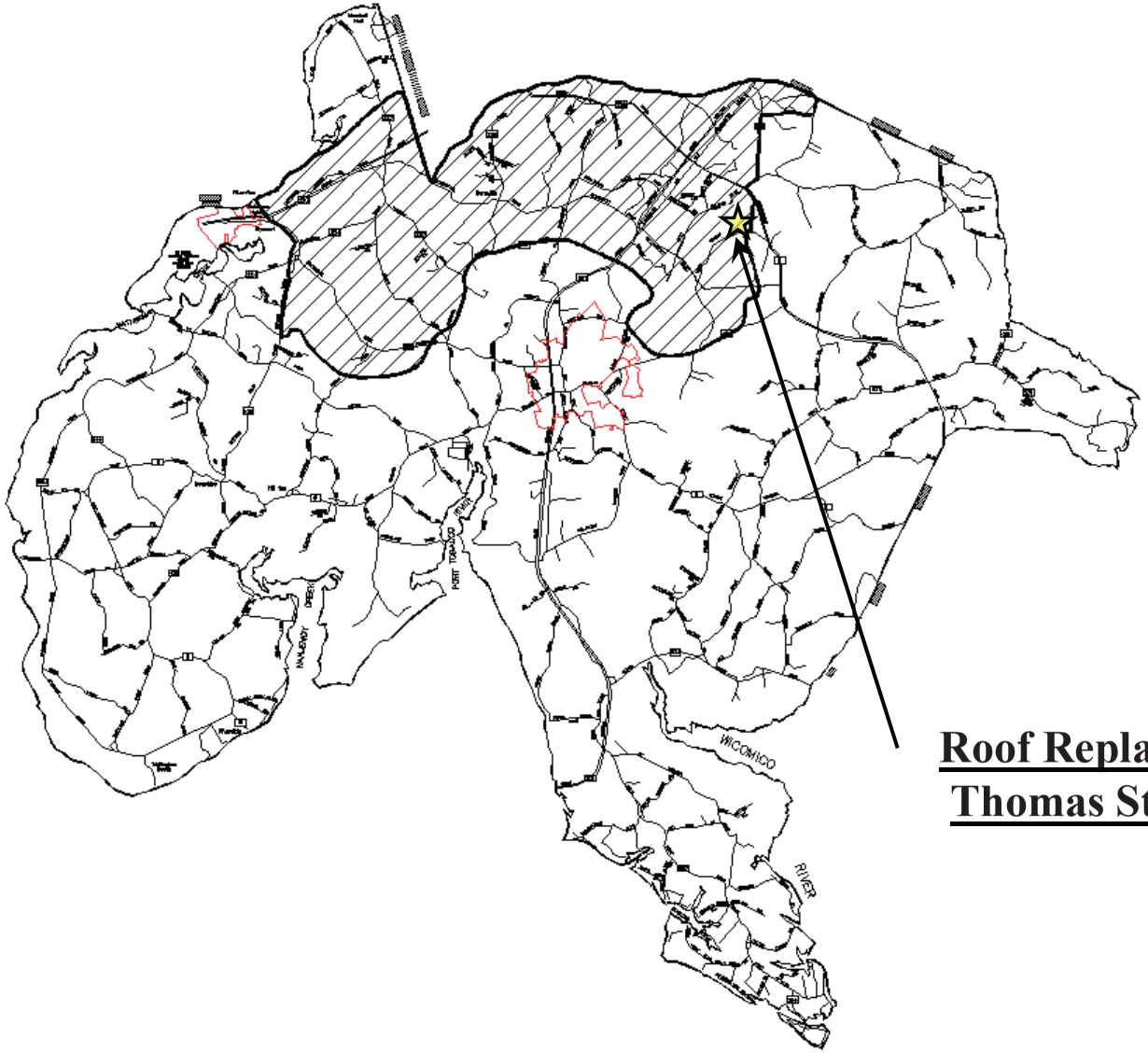
PROJECT DESCRIPTION AND JUSTIFICATION

ROOF REPLACEMENT AT WALTER J. MITCHELL ELEMENTARY SCHOOL

The need is for a systemic renovation at Mitchell Elementary School, which opened in 1965 and located in the Town of La Plata. The roof is a combination of shingles and is a built-up roofing area. The building was re-roofed in 1991 and the roof is beyond the 20-year warranty and normal life expectancy. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof investigation will be performed by our consultant prior to design to address any unforeseen problems. Planning approval will be requested in FY 2026. State and local construction funding will be requested in FY2027.

Project Location Map

Systemic Renovation – FY2027



Roof Replacement
Thomas Stone H.

FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW _____ ADDITION _____ RENOVATION _____ REPLACEMENT _____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: _____

SCHOOL NAME: Thomas Stone HS - Roof Replacement - Systemic

SCHOOL ADDRESS: 3785 Leonardtown Road, Waldorf, Maryland 20601

DESCRIPTION:

The need is for a systemic renovation at Stone High School. This school was renovated in 1997 and serves several designated revitalization areas. The school was re-roofed as part of the renovation and the roof is beyond the 20-year warranty and normal life expectancy. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof investigation will be performed by our consultant prior to design to address any unforeseen problems. Planning approval will be requested in FY 2025. Construction funding will be requested in FY 2026.

PROPOSED RATED CAPACITY:	1,433	GRADES:	9 - 12
APPROVAL FOR PLANNING: FY	2026 (Local Planning)	FUNDING:	FY 2027
ESTIMATED COST TO STATE:	$ 1,800,000	LOCAL COST:	$ 1,585,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

PROJECT DESCRIPTION AND JUSTIFICATION

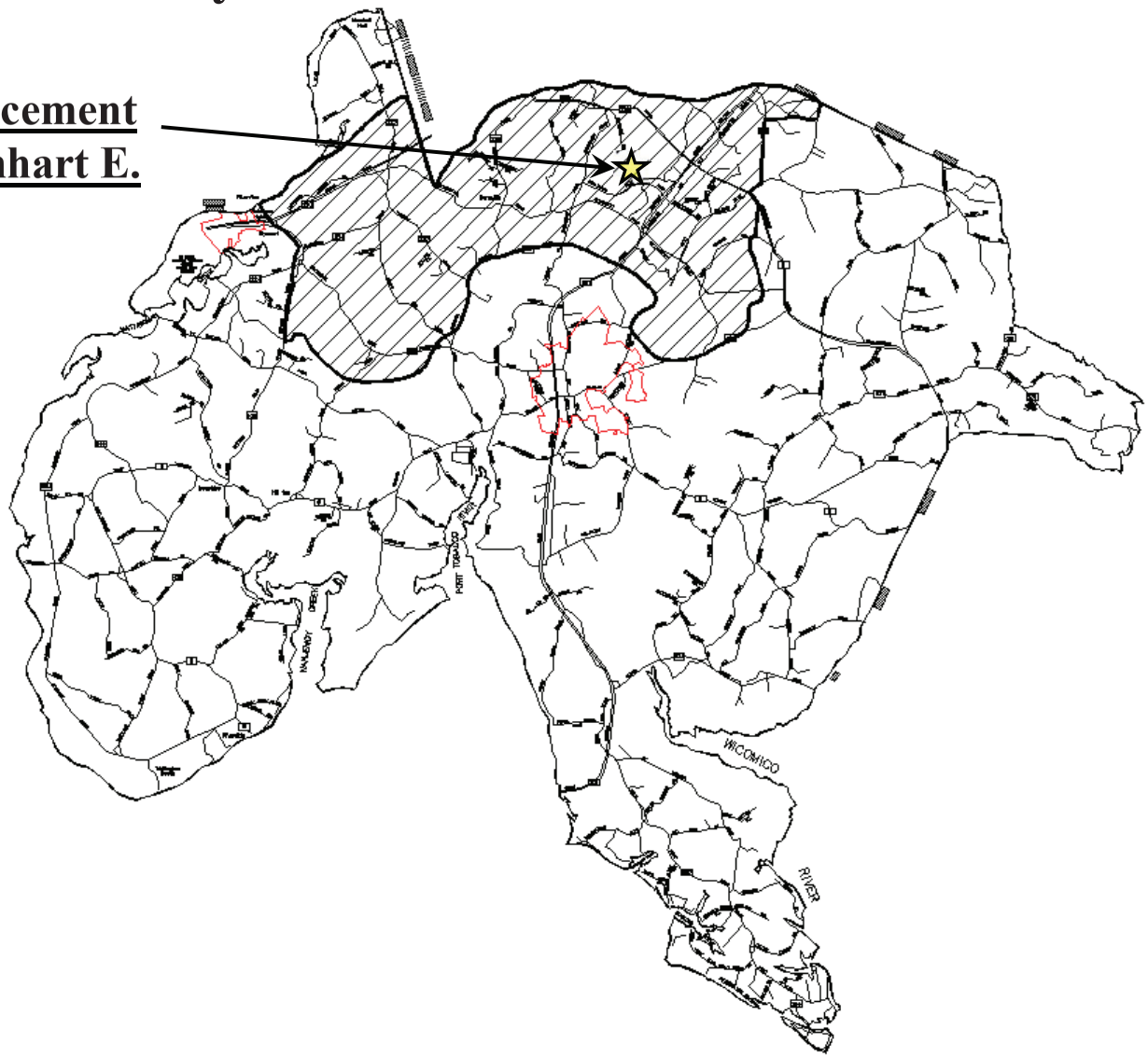
ROOF REPLACEMENT AT THOMAS STONE HIGH SCHOOL

The need is for a systemic renovation at Stone High School. This school was renovated in 1997 and serves several designated revitalization areas. The school was re-roofed as part of the renovation and the roof is beyond the 20-year warranty and normal life expectancy. The installation of a four-ply, built-up roof with positive drainage is proposed. A full roof investigation will be performed by our consultant prior to design to address any unforeseen problems. Planning approval will be requested in FY 2026. State and local construction funding will be requested in FY2027.

Project Location Map

Systemic Renovation – FY2027

Boiler Replacement
C. Paul Barnhart E.



FUTURE PROJECT REQUEST

LEA: Charles County Public Schools
DATE: 10/10/2020 FISCAL YEAR: 2022

PROJECT TYPE: NEW ____ ADDITION ____ RENOVATION ____ REPLACEMENT ____

SYSTEMIC RENOVATIONS: X STATE-OWNED RELOCATABLES: ____

SCHOOL NAME: C. Paul Barnhart ES - Boiler Replacement - Systemic

SCHOOL ADDRESS: 4800 Lancaster Circle, Waldorf, Maryland 20603

DESCRIPTION:

The need is for a systemic renovation at Barnhart Elementary School. This school opened in 1993, and is located in Westlake Village in St. Charles. The boilers and pumps are original equipment when the building was constructed and outlived their usefulness. The installation of a new efficient heating system that will reduce operating costs is proposed. Planning approval will be requested in FY 2025. Construction funding will be requested in FY 2026.

PROPOSED RATED CAPACITY:	602	GRADES:	Pre-K - 5
APPROVAL FOR PLANNING: FY	2026 (Local Planning)	FUNDING:	FY 2027
ESTIMATED COST TO STATE:	$ 520,000	LOCAL COST:	$ 410,000

PROJECT JUSTIFICATION:

SEE ATTACHED SHEETS

PROJECT DESCRIPTION AND JUSTIFICATION

BOILER REPLACEMENT AT C. PAUL BARNHART ELEMENTARY SCHOOL

The need is for a systemic renovation at Barnhart Elementary School. This school opened in 1993, and is located in Westlake Village in St. Charles. The boilers and pumps are original equipment when the building was constructed and outlived their usefulness. The installation of a new efficient heating system that will reduce operating costs is proposed. Planning approval will be requested in FY 2026. State and local construction funding will be requested in FY2027.

SUMMARY OF CURRENT AND FUTURE PROJECT REQUESTS

LEA: Charles County Public School FISCAL YEAR: 2022 DATE: 9/28/20

PRIO-RITY	PROJECT TITLE	TOTAL EST COST	NON-PSCP FUNDS	TOTAL STATE FUNDS	PRIOR PSCP/IAC FUNDS	CURRENT REQUESTS ($ OR LP)	EXPECTED FIVE-YEAR PROGRAM REQUESTS (enter fiscal year below)									
						FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027					
1	Benjamin Stoddert M. - Modernization/Addition	55,869,000	27,791,000	28,078,000	19,963,000	8,115,000	0	0	0	0	0					
2	Open Space Enclosure - Dr. Gustavus Brown ES	6,475,000	2,815,000	3,660,000	0	3,660,000	0	0	0	0	0					
3	Eva Turner E. - Modernization/Addition	27,381,000	16,601,000	10,780,000	2,349,663	8,430,337	0	0	0	0	0					
4	Roof Replacement - John Hanson MS	3,298,000	1,504,000	1,794,000	0	1,794,000	0	0	0	0	0					
5	Maurice J. McDonough H. - Security Enhancements &	19,945,000	8,346,000	11,599,000	Planning	4,550,000	7,049,000	0	0	0	0					
6	Roof Replacement - Westlake H.	3,642,000	1,661,000	1,981,000	0	1,981,000	0	0	0	0	0					
7	Boiler Replacement - Indian Head E.	1,326,000	614,000	712,000	0	712,000	0	0	0	0	0					
8	Full-Day Kindergarten Addition - J.P. Ryon ES	4,169,000	1,829,000	2,340,000	Planning	2,340,000	0	0	0	0	0					
9	Full-Day Kindergarten Addition - Malcolm ES	4,668,000	2,073,000	2,595,000	Planning	2,595,000	0	0	0	0	0					
10	T.C. Martin E.. - Modernization/Addition	29,883,000	16,307,000	13,576,000	Planning	6,788,000	6,788,000	0	0	0	0					
11	New Elementary School #23 - Planning/Construction	45,195,000	22,195,000	23,000,000	Planning	11,500,000	11,500,000	0	0	0	0					
12	Roof/RTU/UV Replacement - Smallwood M.	4,428,000	2,065,000	2,363,000	0	2,363,000	0	0	0	0	0					
13	La Plata H. - Renovation- Security & Circulation	16,609,000	7,178,000	9,431,000	0	Planning	4,716,000	4,715,000	0	0	0					
14	Full-Day Kindergarten Addition - J.C. Parks E.	4,318,000	2,193,000	2,125,000	0	Planning	2,125,000	0	0	0	0					
15	Full-Day Kindergarten Addition - Mitchell E.	6,510,000	2,993,000	3,517,000	0	Planning	3,517,000	0	0	0	0					
16	Boiler Replacement - Piccowaxen MS.	795,000	305,000	490,000	0	0	490,000	0	0	0	0					
17	Roof Replacement - Matula E.	1,821,000	888,000	933,000	0	0	0	933,000	0	0	0					
18	Roof Replacement - Mattawoman M.	4,330,000	1,963,000	2,367,000	0	0	0	2,367,000	0	0	0					
19	Roof/Boiler/AHU/RTU - Stethem Ed. Center	4,000,000	1,774,000	2,226,000	0	0	0	2,226,000	0	0	0					
20	Roof Replacement - C. Paul Barnhart E.	2,372,000	1,108,000	1,264,000	0	0	0	1,264,000	0	0	0					
21	Full-Day Kindergarten Addition - Dr. Higdon E.	4,075,000	2,075,000	2,000,000	0	0	Planning	2,000,000	0	0	0					
22	Full-Day Kindergarten Addition - Wade E.	4,600,000	2,200,000	2,400,000	0	0	Planning	2,400,000	0	0	0					
23	New Middle School #9 - Planning/Construction	51,600,000	23,600,000	28,000,000	0	0	Planning	14,000,000	14,000,000	0	0					
24	Multi-zone Unit/Heat pump Replace. - Henson M.	2,000,000	917,000	1,083,000	0	0	0	1,083,000	0	0	0					
25	Boiler/Chiller Replacement - William Wade E.	1,300,000	586,000	714,000	0	0	0	714,000	0	0	0					
26	Roof Replacement - Dr. Higdon E.	1,872,000	913,000	959,000	0	0	0	959,000	0	0	0					
27	Roof Replacement - Berry E.	2,610,000	1,201,000	1,409,000	0	0	0	1,409,000	0	0	0					
28	RTU/Boiler Replacement - Dr. Higdon E.	2,800,000	1,305,000	1,495,000	0	0	0	0	1,495,000	0	0					
29	Roof/RTU Replacement - Wade E.	4,400,000	2,400,000	2,000,000	0	0	0	0	2,000,000	0	0					
30	Boiler Replacement - Matula E.	900,000	400,000	500,000	0	0	0	0	500,000	0	0					
31	Roof Replacement - J.C. Parks E.	1,960,000	980,000	980,000	0	0	0	0	0	980,000	0					
32	Boiler Replacement - Westlake H.	1,150,000	400,000	750,000	0	0	0	0	0	750,000	0					
33	Roof Replacement - Henson M.	3,190,000	1,505,000	1,685,000	0	0	0	0	0	1,685,000	0					
34	RTU Replacement - Matula E.	2,695,000	1,295,000	1,400,000	0	0	0	0	0	0	1,400,000					
35	Roof Replacement - Mitchell E.	2,785,000	1,285,000	1,500,000	0	0	0	0	0	0	1,500,000					
36	Roof Replacement - Stone H.	3,385,000	1,585,000	1,800,000	0	0	0	0	0	0	1,800,000					
37	Boiler Replacement - Barnhart E.	930,000	410,000	520,000	0	0	0	0	0	0	520,000					
	TOTAL (Last page only)	339,286,000	165,260,000	174,026,000	22,312,663	54,828,337	36,185,000	34,070,000	17,995,000	3,415,000	5,220,000					

IAC/PSCP FORM 102.4

Charles County Public Schools
FY2022 CIP + 5 YEAR PROJECT COST SUMMARY

(All figures in thousands)

	PROGRAM COSTS					FISCAL YEAR											
PROJECT	TOTAL	STATE	LOCAL	PRIOR FUNDING		**FY2022**		FY2023		FY2024		FY2025		FY2026		FY2027	
	COSTS*	COSTS	COSTS	STATE	LOCAL	**STATE**	**LOCAL**	STATE	LOCAL	STATE	LOCAL	STATE	LOCAL	STATE	LOCAL	STATE	LOCAL
STATE PROJECTS																	
Benjamin Stoddert Middle School - Renovation	56,116	28,078	28,038	19,963	24,375	**8,115**	**3,663**	0	0	0	0	0	0	0	0	0	0
Dr. Gustavus Brown Elementary - Open Space Enclosure	6,475	3,660	2,815	0	0	**3,660**	**2,815**	0	0	0	0	0	0	0	0	0	0
Eva Turner Elementary School - Renovation	27,380	10,779	16,601	2,349	16,601	**8,430**	**0**	0	0	0	0	0	0	0	0	0	0
John Hanson MS S/R Roof Replacement	3,317	1,794	1,523	0	1,523	**1,794**	**0**	0	0	0	0	0	0	0	0	0	0
McDonough HS - Security Enhancements & Performing Arts	19,945	11,599	8,346	0	4,054	**4,550**	**4,292**	7,049	0	0	0	0	0	0	0	0	0
Westlake HS S/R Roof Replacement	3,642	1,981	1,661	0	1,063	**1,981**	**598**	0	0	0	0	0	0	0	0	0	0
Indian Head E. S/R Boiler Replacement	1,326	712	614	0	129	**712**	**485**	0	0	0	0	0	0	0	0	0	0
J.P. Ryon Elementary Full-Day Kindergarten Addition	4,235	2,340	1,895	0	1,895	**2,340**	**0**	0	0	0	0	0	**0**	**0**	**0**	0	0
Malcolm Elementary Full-Day Kindergarten Addition	4,355	2,595	1,760	0	1,760	**2,595**	**0**	0	0	0	0	0	**0**	**0**	**0**	0	0
T.C. Martin Elementary School - Renovation	31,884	13,576	18,308	0	2,326	**6,788**	**6,991**	6,788	7,991	0	1,000	0	0	0	0	0	0
New Elementary School #23	45,191	22,996	22,195	0	2,400	**11,500**	**9,497**	11,496	9,298	0	1,000	0	0	0	0	0	0
Smallwood MS S/R Roof/RTU/UV SR	4,428	2,363	2,065	0	478	**2,363**	**1,587**	0	0	0	0	0	0	0	0	0	0
La Plata HS Renovation	16,809	9,431	7,378	0	0	**0**	**1,401**	9,431	5,977	0	0	0	0	0	0	0	0
J.C. Parks ES Full-Day Kindergarten Addition	4,318	2,125	2,193	0	400	**0**	**1,793**	2,125	0	0	0	0	0	0	0	0	0
Walter J. Mitchell ES Full-Day Kindergarten Addition	6,410	3,517	2,893	0	350	**0**	**2,543**	3,517	0	0	0	0	0	0	0	0	0
Piccowaxen MS Boiler SR	850	510	340	0	0	**0**	**90**	510	250	0	0	0	0	0	0	0	0
Matula ES S/R Roof SR	1,821	933	888	0	0	**0**	**246**	933	642	0	0	0	0	0	0	0	0
Mattawoman MS Roof SR	4,330	2,367	1,963	0	0	**0**	**450**	2,367	1,513	0	0	0	0	0	0	0	0
Stethem Ed. Center Systemic Renovation	4,000	2,226	1,774	0	0	**0**	**0**	0	350	2,226	1,424	0	0	0	0	0	0
C. Paul Barnhart ES Roof SR	2,372	1,264	1,108	0	0	**0**	**0**	0	301	1,264	807	0	0	0	0	0	0
Dr. Thomas Higdon ES Full-Day Kindergarten Addition	4,175	2,180	1,995	0	0	**0**	**425**	2,180	1,570	0	0	0	0	0	0	0	0
Wade Elementary Full-Day Kindergarten Addition	5,100	2,540	2,560	0	0	**0**	**400**	2,540	2,160	0	0	0	0	0	0	0	0
New Middle School #9	51,600	28,000	23,600	0	0	**0**	**0**	0	3,600	14,000	10,000	14,000	10,000	0	0	0	0

	PROGRAM COSTS					FISCAL YEAR											
STATE PROJECTS	TOTAL	STATE	LOCAL	PRIOR FUNDING		**FY2022**		FY2023		FY2024		FY2025		FY2026		FY2027	
	COSTS*	COSTS	COSTS	STATE	LOCAL	**STATE**	**LOCAL**	STATE	LOCAL	STATE	LOCAL	STATE	LOCAL	STATE	LOCAL	STATE	LOCAL
Henson MS Multi-zone Unit/Heat Pump SR	2,000	1,083	917	0	0	**0**	**0**	0	226	1,083	691	0	0	0	0	0	0
Wade ES Boiler/Chiller SR	1,300	714	586	0	0	**0**	**0**	0	130	714	456	0	0	0	0	0	0
Dr. Higdon ES Roof SR	1,872	959	913	0	0	**0**	**0**	0	300	959	613	0	0	0	0	0	0
Berry ES Roof SR	2,610	1,409	1,201	0	0	**0**	**0**	0	300	1,409	901	0	0	0	0	0	0
Dr. Thomas Higdon ES RTU/Boiler SR	2,800	1,495	1,305	0	0	**0**	**0**	0	0	0	250	1,495	1,055	0	0	0	0
William B. Wade ES Roof/RTU SR	4,400	2,000	2,400	0	0	**0**	**0**	0	0	0	500	2,000	1,900	0	0	0	0
Matula ES S/R Boiler Replacement	900	500	400	0	0	**0**	**0**	0	0	0	85	500	315	0	0	0	0
J.C. Parks ES Roof SR	1,960	980	980	0	0	**0**	**0**	0	0	0	0	0	265	980	715	0	0
Westlake HS Boiler SR	900	500	400	0	0	**0**	**0**	0	0	0	0	0	85	500	315	0	0
Henson MS Roof SR	3,190	1,685	1,505	0	0	**0**	**0**	0	0	0	0	0	285	1,685	1,220	0	0
Matula ES RTU Replacement	2,695	1,400	1,295	0	0	**0**	**0**	0	0	0	0	0	0	0	295	1,400	1,000
Mitchell ES Roof SR	2,785	1,500	1,285	0	0	**0**	**0**	0	0	0	0	0	0	0	285	1,500	1,000
Stone HS. Roof SR	3,385	1,800	1,585	0	0	**0**	**0**	0	0	0	0	0	0	0	385	1,800	1,200
Barnhart ES Boiler SR	930	520	410	0	0	**0**	**0**	0	0	0	0	0	0	0	80	520	330
Open Space Enclsoure at Various Locations	25,008	0	25,008	0	0	**0**	**2,851**	**0**	2,851	0	2,851	0	2,851	0	3,401	0	3,401
TOTALS	**366,814**	**174,111**	**192,703**	**22,312**	**57,354**	**54,828**	**40,127**	**48,936**	**37,459**	**21,655**	**20,578**	**17,995**	**16,756**	**3,165**	**6,696**	**5,220**	**6,931**
LOCAL PROJECTS																	
Renovation Feasibility Study (Stethem Ed.Cntr.)	*250*	*0*	*250*	*0*	*0*	***0***	***250***	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Renovation Feasibility Study (Hanson M.S.)	*300*	*0*	*300*	*0*	*0*	***0***	***300***	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Various Maintenance Projects	*4,200*	*0*	*4,200*	*0*	*600*	***0***	***600***	*0*	*600*	*0*	*600*	*0*	*600*	*0*	*600*	*0*	*600*
Local Portable Classrooms - Various Schools (Purchase or Move)	*1,776*	*0*	*1,776*	*0*	*200*	***0***	***200***	*0*	*200*	*0*	*200*	*0*	*200*	*0*	*388*	*0*	*388*
Site Infrastructure replacements at various schools (FY 2022 - 2026)	*2,005*	*0*	*2,005*	*0*	*0*	***0***	***401***	*0*	*401*	*0*	*401*	*0*	*401*	*0*	*401*	*0*	*0*
Electrical switchgear replacements at various schools (FY 2022 - 2026)	*2,505*	*0*	*2,505*	*0*	*0*	***0***	***501***	*0*	*501*	*0*	*501*	*0*	*501*	*0*	*501*	*0*	*0*
School Facilities Modernization at various schools (FY 2022 - 2026)	*1,330*	*0*	*1,330*	*0*	*0*	***0***	***266***	*0*	*266*	*0*	*266*	*0*	*266*	*0*	*266*	*0*	*0*
TOTALS	**12,366**	**0**	**12,366**	**0**	**800**	**0**	**2,518**	**0**	**1,968**	**0**	**1,968**	**0**	**1,968**	**0**	**2,156**	**0**	**988**
GRAND TOTALS	**379,180**	**174,111**	**205,069**	**22,312**	**58,154**	**54,828**	**42,645**	**48,936**	**39,427**	**21,655**	**22,546**	**17,995**	**18,724**	**3,165**	**8,852**	**5,220**	**7,919**

10/1/2020

***Minor adjustments in project scopes and costs will continue.**

LEGEND:

A/R = Addition & Renovation

Addn. = Addition Only

S/R = Systemic Renovation

Renov. = Renovation Only

Negative/Bracketed numbers indicate anticipated reimbursement of forward funding.