PROJECT INFORMATION

SA&E PROJECT NUMBER: 01-920-038

BID PACKAGE: BP#1

ISSUED FOR CONSTRUCTION: 04-10-2024

## PROJECT TITLE

# REROOF TO:

# CHATTANOOGA VALLEY ELEMENTARY SCHOOL

3240 CHATTANOOGA VALLEY ROAD, FLINSTONE, GA 30725

# WALKER COUNTY SCHOOLS

201 SOUTH DUKE STREET, LAFAYETTE, GA 30728

FACILITY CODE NUMBER: 746-4050 PROJECT FUNDING: FY 2024 / LOCAL

#### **FACILITY INFORMATION**

#### FACILITY FULL TIME ENROLLMENT (FTE):

UNCHANGED

FOR:

#### **FACILITY NUMBER OF INSTRUCTIONAL UNITS:**

UNCHANGED

SQUARE FOOTAGE:	74,320 S.F.
WING "A"	11,136 S.F.
WING "B"	7,571 S.F.
WING "C"	7.641 S.F.
WING "D"	• • • • • • • • • • • • • • • • • • •
WING "E"	8,348 S.F.
WING "F"	•
WING "G"	22,980 S.F.

### **EXISTING BUILDING CODE CLASSIFICATIONS:**

7951 Troon Circle

Austell, Ga 30168

architects

(770) 819-7777

TYPE OF OCCUPANCY	EDUCATI	ONAL
TYPE OF CONSTRUCTION:	IBC-IIB	NFPA-II (000)

Southern

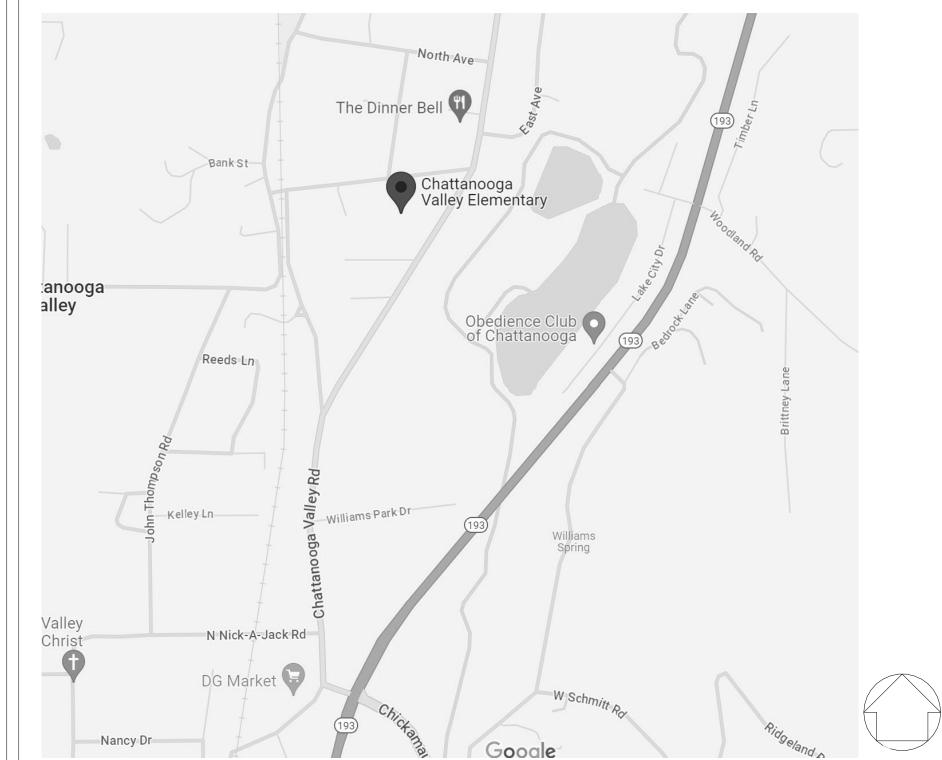
#### **CONSTRUCTION DELIVERY METHOD:** GENERAL CONTRACTOR PROJECT CONSISTS OF SINGLE BID PACKAGE.

THIS IS EXISTING FACILITY CONSISTING OF MULTIPLE BUILDINGS

WORK IN THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO:

WORK SHALL BE CONDUCTED IN SINGLE PHASE

REROOFING OF ENTIRE FACILITY WITH NEW TPO MEMBRANE SYSTEM



### CODES

#### **DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:**

**GENERAL**:

International Building, Code 2018 Edition with Georgia Amendments. International Fire Code, 2018 Edition with Georgia Amendments.

International Energy Conservation Code, 2015 Edition with Georgia Amendments. National Fire Protection Association Publication Number 101 (Life Safety Code), 2018 Edition. National Fire Protection Association NFPA 13. National Fire Protection Association NFPA 24.

National Fire Protection Association NFPA 72, 2019 Ed State of Georgia "Rules of Safety Fire Commissionery Chapter 120-3-3". State of Georgia Department of Education

National Fire Protection Association NFPA 70,

"Regulations and Procedures". 2010 ADA Standards For Accessibe Design (120.3-20A). ANSI A117.1 Providing accessibility and usability for physically handicapped people. Local and State Codes or Regulations.

STRUCTURAL:

American Institute of Steel Construction, AISC 15 Edition (ANSI/AISC 360-16) American Concrete Institute, ACI 318-14 Steel Joist Institute, SJI 100-15 Building Code Requirement for Concrete Masonry Structures, TMS 402/602-16 ASCE 7-16 Minimum Design Loads for Buildings &

Other Structures MECHANICAL GENERAL:

Underwriters' Laboratories, Inc., Approved Materials List. Materials and apparatus of a type that have been tested and listed by UL shall be manufactured under their reinspection service and bear the UL label. All local prevailing city and county codes. Georgia Laws and Rules "Regulating Boilers and Pressure Vessels" by Georgia Department of Labor, Safety

NFPA-24 Installation of Private Fire Service Mains and the Appurtences, 2019 Edition. NFPA-13 Installation of Sprinkler Systems, 2019 Edition.

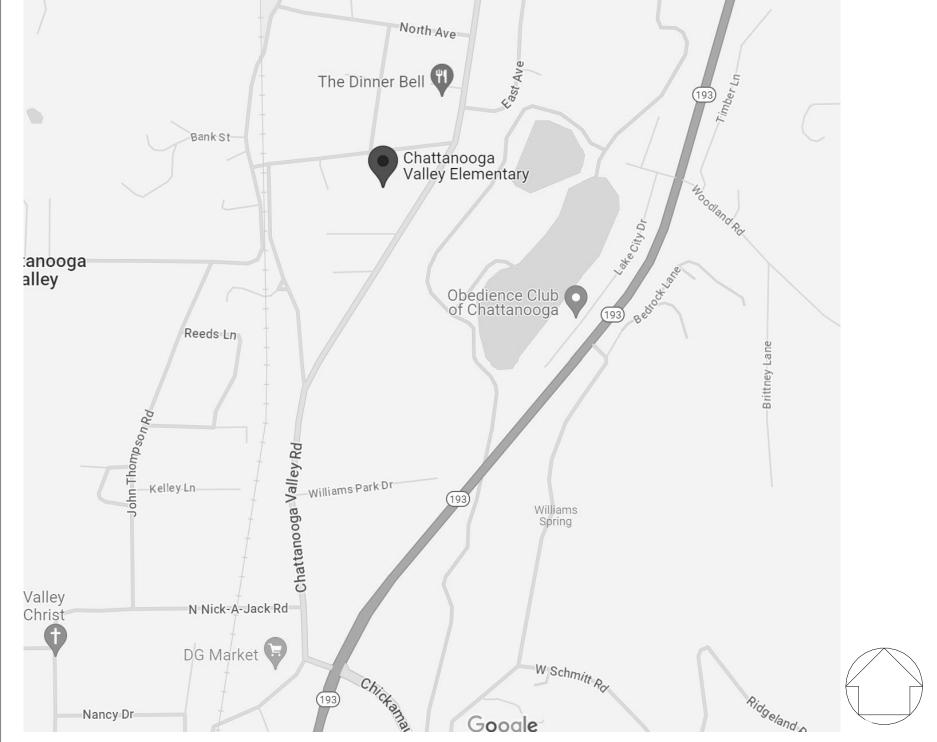
PLUMBING:

International Mechanical Code, 2018 Edition. 90A, 2018 edition. HVAC Duct Construction Standards Metal and Flexible, 4th. Edition 2006, Published by SMACNA.

(most recent edition, unless noted): NFPA 70 (National Electrical Code), 2020 Edition NFPA 72, (National Fire Alarm Code) 2019 Edition, with Georgia Amendments.

# **LOCATION MAP**

PROJECT DESCRIPTION



**FACILITY DESCRIPTION:** 

SCOPE OF WORK DESCRIPTION

FIRE PROTECTION SYSTEM: Fire Protection Equipment List Published by Underwriters

> International Plumbing Code, 2018 Edition with Georgia International Fuel Gas Code, 2018 Edition with Georgia Amendments.

HEATING, VENTILATION, & AIR CONDITIONING:

L. P. Gas Code - GA 120-3-16 Rules and Reg. for LP Gases

Air Conditioning and Ventilating Systems- NFPA Standard Fire, Smoke and Radiation Damper Installation Guide,

5th. Edition 2002, Published by SMACNA. Vapor Removal from Cooking Equipment - NFPA Standard 96, 2017 Edition.

**ELECTRICAL GENERAL** 

NFPA 37, (Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines)

NFPA 780, 2020 Edition (Lightning Protection Code) NFPA 90A, (Air Conditioning and Ventilating Systems) NFPA 110, 2019 Edition (Standard for Emergency and Standby Power Systems) NFPA 30, (Flammable and Combustible Liquids Code)

All local prevailing city and county codes.

#### LIST OF CONTACTS

Owner's Representative: Chris Jones, Director of Facilities Walker County Schools 298 Culberson Ave., LaFayette, GA 30728 phone: 706-639-0168 email: chrisjones@walkerschools.org

Structural Engineer of Record: Michael Eidson, P.E. Southern A&E, LLC 7951 Troon Cir, Austell, GA 30168 phone: 770-819-7777 email: meidson@southernae.com

**Architect of Record:** Gregory J. Schillinger, A.I.A. Southern A&E, LLC 7951 Troon Cir, Austell, GA 30168 phone: 770-819-7777 email: gschillinger@southernae.com

**Mechanical Engineer of Record**: Laban Busieney, P.E. Southern A&E, LLC 7951 Troon Cir, Austell, GA 30168 phone: 770-819-7777 email: lbusieney@southernae.com

Landscape Architect of Record: Patrick Hallahan Southern A&E, LLC 7951 Troon Cir, Austell, GA 30168 phone: 770-819-7777

Electrical Engineer of Record: Frank Campo, P.E. Southern A&E, LLC 7951 Troon Cir, Austell, GA 30168 phone: 770-819-7777 email: fcampo@southernae.com

email: phallahan@southernae.com

engineers

Contractors, subcontractors, vendors and suppliers are advised that the Contract Documents consist of Drawings, Specifications, Addenda, Post-Bid Addenda and Change Orders that have been printed, bound and numbered by the Architect. Any documents reproduced by parties other than the Architect, whether hard copy or electronic format, shall not be considered part of the Contract Documents and do not supercede the provisions of the Contract Documents. Contractors, subcontractors, vendors and suppliers are solely responsible for verifying that information used for bidding, development of shop drawings and construction of the facility are indentical to the Architect's Contract Documents.

18 23	В		Subgrade  Drainage Course  Athletic Surafacing & Paying (Polyurethane)	08 31 13 08 32 10	.13	3	Flush Wood Doors Access Doors And Frames Solid FRP Doors And Frames
18 25 12 16			Athletic Surafacing & Paving (Polyurethane) Athletic Surfacing & Paving (Latex) Asphalt Paving	08 32 10 08 32 13 08 32 17			Hybrid FRP Doors Sliding Aluminum-Framed Glass Doors Folding Aluminum-Framed Glass Doors
13 13 13 13 14 00			Concrete Paving Tennis Court Paving & Surfacing Unit Pavers	08 33 13 08 33 23 08 33 26			Coiling Counter Doors Overhead Coiling Doors Overhead Coiling Grilles
31 13 32 23 41 00			Chain Link Fences & Gates Segmental Retaining Walls Storm Utility Drainage Piping	08 34 73 08 36 13 08 41 13			Sound Control Door Assemblies Electrically Operated Sectional Doors Alum Entrances and Storefronts
	A B		Subdrainage Drainage Pipe & Fittings Drainage Fill	08 42 26 08 44 13 08 45 13			All Glass Extrances Alum Curtain Wall Polycarbonate Panels
	A B		Cast-In-Place Concrete Concrete Steel Reinforcement	08 45 23 08 51 13 08 51 23			Fiberglass Sandwich Panel Assemblies Aluminum Windows Steel Windows
	C D E		Welded Wire Fabric Vapor Barrier Bond-Breaker Strips	08 52 00 08 71 00 08 80 00			Wood Windows Door Hardware Glazing
35 43 41 00 45 00			Polished Concrete Finishing Plant Precast Structural Concrete Precast Architectural Concrete	08 84 00 08 90 00 09 21 16	.23	3	Plastic Glazing Louvers And Vents Shaft Wall Assemblies
51 13 52 16 20 00			Cementitious Wood-Fiber Decks Lightweight Insulating Concrete Unit Masonry	09 22 16	A B		Non-Structural Metal Framing Steel Studs & Runners Channel Bridging
	A B C		Face Brick Concrete Block Mortar & Grout	09 29 00	C D		Furring Channel Ceiling & Soffit Framing Gypsum Board
	D E F		Masonry Joint Reinforcement Ties & Anchors Embedded Flashing	00 20 00	A B C		Interior Gypsum Board Exterior Gypsum Board Ceiling & Soffit Framing
23 00	G H		Masonry Weeps Cavity Drainage Material Glass Unit Masonry	09 30 13 09 51 13 09 62 29			Ceramic Tile Acoustical Panel Ceilings Cork Flooring
72 00 72 00			Cast Stone Masonry Cast Stone Masonry	09 64 66 09 65 13			Wood Athletic Flooring Resilient Base And Accessories
12 00 21 00 31 00			Structural Steel Framing Steel Joist Framing Steel Deck	09 65 16 09 65 19 09 65 43			Resilient Sheet Flooring Resilient Tile Flooring Linoleum Flooring
40 00 50 00	Α		Cold-Formed Metal Framing Metal Fabrications Steel Ladder	09 65 66 09 66 13 09 66 14			Resilient Athletic Flooring Porland Cement Terrazzo Flooring Restoration of Portland Cement Terrazzo Flooring
	B C D		Ladder Safety Cage Steel Ship's Ladder Loose Bearing & Leveling Plates	09 66 23 09 66 23 09 67 23		5	Precast Portland Cement Terrazzo Stairs Resinous Matrix Terrazzo Flooring Resinous Flooring
	E F G		Loose Steel Lintels Shelf Angles Strut System Channel Framing	09 68 13 09 68 16 09 72 00			Tile Carpeting Sheet Carpeting Wall Covering
	H J K		Miscellaneous Steel Framing Loading Dock Edge Angle Metal Floor Plate & Support Frame	09 77 23 09 84 72 09 91 13			Fabric Wrapped Panels Sound Absorptive Ceiling Canopies Exterior Painting
	L M N		Pipe Bollard Cast Nosing, Treads & Threshold Student Toilet Tissue Dispenser	09 91 13 09 91 14 09 91 23 09 91 24			Exterior Painting Exterior Re-Painting Interior Painting Interior Re-Painting
51 00	A B		Metal Stairs Stair Framing Metal Risers	10 11 00			Visual Display Units Porcelain Enamel Markerboards Vinyl Fabric Faced Cork Tackboards
52 13	СВ		Metal Subtreads Pipe & Tube Railing	10 14 16	С		Tackable Display Rails Plaques
	Α		Fabricated Metal Spiral Stairs Miscellaneous Rough Carpentry Wood Nailers & Blocking	10 14 19 10 14 23 10 14 26			Dimensional Letter Signage Panel Signage Message Boards
	Α		Wood Patio Decking Sheathing Plywood Sheathing	10 21 13 10 21 13 10 21 13	.17	)	Plastic-Laminate-Clad Toilet Compartments Phenolic-Core Toilet Campartments Plastic Toilet Compartments
	B C D		Oriented Strand Board Sheathing Glass-Mat Gypsum Sheathing Cementitious Tile Backer Units	10 21 13 10 21 23 10 22 33	.24	ļ	FRP Toilet Compartments Cubicles Accordian Folding Partitions
20 13 20 23	Ē		Composite Nail Base Insualated Sheathing Exterior Finish Carpentry Interior Finish Carpentry	10 22 39			Folding Panel Partitions Toilet And Bath Accessories Paper Towel Dispenser
41 13	Α	1	Wood Veneer Faced Cabinets Cabinet Materials Solid Hardwood Lumber		B C D		Soap Dispenser Framed Mirrors Toilet Tissue Dispenser
		2	Particleboard Softwood Exterior Grade Plywood Hardwood Plywood		E F		Grab Bars Shower Rod
		4 5 6	High-Pressure Laminate Solid-Surfacing Material		G H J		Shower Curtain And Hooks Towel Bar Soap Dish
	В	1 2	Hardware & Accessories Knobs & Pulls Drawer & Door Locks		L M		Handicapped Shower And Tub Seat Mop And Broom Holder Electric Hand Dryer
11 16	Α	3	Shelf Standards & Supports Plastic Laminate Faced Cabinets Cabinet Materials	10 44 16	A		Surface Mounted Sanitary Napkin Disposal Fire Extinguishers And Cabinets Portable Fire Extinguishers
		1 2 3	Solid Hardwood Lumber Particleboard Softwood Exterior Grade Plywood		В		Fire Extinguishers Cabinet Semi - Recessd
		4 5 6	Hardwood Plywood High-Pressure Laminate Solid-Surfacing Material	10 51 13	A		Lockers Corridor Lockers Kitchen Lockers
	В	1	Hardware & Accessories Knobs & Pulls Drawer & Door Locks		C D E		P.E. Lockers Athletic Lockers
64 00		3	Shelf Standards & Supports Plastic Paneling	10 56 13	Α		Locker Room Benches Metal Storage Shelving Post And Shelf Storage Units
82 00 11 13 13 26			Exterior Architectural Fiberglass Bituminous Dampproofing Sheet Waterproofing	10 56 26 10 73 10			Prefabricated Coat Rack Mobile Storage Shelving Walkway And Canopy Covers
14 16	A B		Verical Surface Horizontal Surface PMMA Waterproofing and Traffic Coating	10 73 13 10 73 43 10 75 16			Fabric Awnings Fabricated Shelters Ground-Set Flagpoles
18 00 21 00	Α		Traffic Coatings Thermal Insulation Extruded Polystyrene Board	10 83 16 11 12 00 11 13 13			Banners Parking Control Equipment Loading Dock Bumpers
	B C D		Foil-faced Polyisocyanurate Board Unfaced Glass-Fieber Blankets Kraft Faced Glass-Fiber Blankets	11 31 00 11 31 13 11 40 00			Residential Appliances Commercial Appliances Foodservice Equipment
	E F G		Sound Attenuation Blankets Mineral Wool Blankets Spray Polyurethane Foam	11 51 23 11 52 13 11 52 23			Library Stack Systems Projection Screens Motorized Projector Lifts
24 13 24 19	H		Self-Adhering Sheet Air Barrier Polymer Based EIFS Water Drainage EIFS	11 53 13 11 61 43 11 61 23			Labortory Fume Hoods Stage Curtains Folding And Portable Stages
25 00 31 13			Weather Barriers Asphalt Shingles	11 61 43 11 61 73			Stage Curtains Theater Rigging Systems
41 13	A B		Standing Seam Metal Roof Roof Panels Flashing & Trim	11 66 13 11 66 23	Α		Artroom Equipment Athletic Equipment Basketball Equipment
	C D E		Ridge & Rake Cap Gutter Downspout		B C D		Volleyball Equipment Safety Pads Divider Curtain
	F G H		Roof Curb Extruded Polystyrene Board Insulation Underlayment Material	11 66 40 12 21 13 12 21 16			Athletic Scoreboards Horizontal Louver Blinds Vertical Louver Blinds
42 13 42 13 42 13	13 19		Formed Metal Wall Panels Insulated Metal Wall Panels Metal Composite Material Wall Panels	12 24 13 12 32 00 12 32 13			Roller Window Shades Wood Library Casework Display Casework
42 17 46 46 46 46			Metal Soffit Panels Fiber-Cement Siding Fiber-Cement Siding Panels	12 35 53 12 35 53 12 48 13	.16		Plastic Laminate Clad Laboratory Casework Wood Laboratory Casework Entrance Mats And Frames
52 16	A		SBS Modified Bituminous Membrane Roofing Modified Bituminous Membrane Sheet	12 48 16 12 61 00			Entrance Floor Grilles Fixed Audience Seating
	B C D		Substrate Board Insulation Board Cover Board	12 66 00 12 76 00 13 34 12			Telescoping Stands Grandstands Greenhouses
53 23	E F		Flashing Membrane Walkway Pads Adhered EPDM Roofing	13 34 19	A B		Metal Building Systems Primary Framing End Wall Framing
	A B C	1	EPDM Membrane Sheet Substrate Board Insulation Board		С	1 2	Secondary Framing Purlins Girts
	D E F		Cover Board Flashing Membrane Walkway Pads		D	3	
54 19 54 21 54 23	-		Polyvinyl-Chloride (PVC) Roofing Polyvinyl-Chloride (PVC) Recover-Retrofit TPO Roofing		F	1	Thermal Spacer Block
	A B		TPO Membrane Sheet Substrate Board		G H		Wall Liner Panels Soffit Panels
	C D E		Insulation Board Cover Board Flashing Membrane Walkyey Bods		J	1 2	Ridge And Rake Cap
	F A		Walkway Pads Sheet Metal Flashing & Trim Base Flashing			3 4 5	Downspout Roof Curb
	B C D	<del>-</del>	Roof Penetration Flashing Cavity Wall & Rain Screen Wall Flashing Equipment Support Flashing		<u> </u>	6 7 8	Closures Pipe Flashing Cont. Eave Vent
71 00	E F		Safety Pans Underlayment Material Roof Specialties - Coated Steel		K L M		Vinyl Faced Glass-Fiber Blanket Insulation Extruded Polystyyrene Board Insulation Underlayment Material
	A B C		Copings Roof Edge Flashings Gutters	13 34 21 14 21 00 14 24 00			Metal Over Metal Retrofit Roof Systems  Electric Traction Elevators  Hydraulic Elevators
	D E F		Downspouts Scuppers Conductor Heads	14 26 00 14 42 00			Limited Use - Limited Application Elevators Wheelchair Lifts
	G H		Reglets Counterflashing				
	J A		Underlayment Material Manufactured Roof Expansion Joints Bellows-Type Roof Expansion Joint				
72 00	B A		Aluminum Roof Expansion Joints Roof Accessories Roof Curb				
	B C D	1	Equipment Support Roof Hutch Pre-Formed Flashing Sleeve				
81 00 84 13	Ē		Fall Protection Safety Rail System Applied Fireproofing Penetration Firestopping				
84 46			Fire Resistive Joint System Joint Sealants Expansion Control				
92 00	- 1		Pedestrian Traffic Joints				
92 00 95 00	A B C		Wall Joints Ceiling Joints				

LIST OF KEYNOTES

LIST OF DRAWINGS					
SHEET NUMBER	SHEET NAME				
GENERAL					
G001	COVER SHEET				
ARCHITECTURAL					
A101	OVERALL ROOF PLAN				
A501	DETAILS				

COMPONENTS & CLADDING WIND PRESSURES

**COVER SHEET** 

SHEET NAME

DRAWING NUMBER G001

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