

THE SCHOOL BOARD OF VOLUSIA COUNTY FLORIDA 200 North Clara Avenue DeLand, Florida 32720

DESCRIPTION OF WORK

REPLACE THROUGH-WALL FLASHINGS IN THE CONCRETE MASONRY VENEER AT ROOF-TO-WALL LOCATIONS OF THE GYMNASIUM (BUILDING 8) WHERE INDICATED.

Architect's Statement of Compliance To the best of my knowledge, these drawings and the project manual are complete and comply with the Florida Building Code.

BUILDING DATA

- A. SURVEY PARCEL ID N/A
- N/A B. LEGAL DESCRIPTION
- C. OCCUPANCY TYPE

N/A

30,000 S.F.

32 FT

N/A

- D. CONSTRUCTION TYPE N/A
- E. RISK CATEGORY
- N/A F. AUTOMATIC SPRINKLER
- G. BUILDING AREA
- H. BUILDING HEIGHT
- I. OCCUPANT LOAD

LOCATION MAP

ENGINEERS & CONSULTANTS

DISCIPLINE: ARCHITECTURAL FIRM NAME: GALE ASSOCIATES\SOUTH\, INC. ADDRESS: 217 N. WESTMONTE DRIVE SUITE 3033 ADDRESS: ALTAMONTE SPRINGS, FL 32714 CONTACT PHONE NUMBER: 407-599-7031 PROJECT MANAGER: ALAN S. CRAIGO e-mail address: ASC@GAINC.COM WWW.GALEASSCOATES.ORG

NOT TO SCALE

PINE RIDGE HIGH SCHOOL **REPAIR WALL FLASHINGS** BLDG. 8 VCS Project NO. 2548126

926 HOWLAND BLVD. DELTONA, FL 32738

GALE Gale Associates, Inc.

Engineers Architects Planners 217 N. Westmonte Drive, Suite 3033 Altamonte Springs, FL 32714 P 407.599.7031 F 407.599.7077 www.gainc.com Gale Associates (South), Inc. FL CA Lic. No: 6114 Boston Baltimore Orlando Hartford

G001	COVER SHEET
G002	STANDARD LEGEND, SYMBOLS AND GENERAL NOTES
A101	BUILDING 8 AREA PLAN
A201	BUILDING 8 EAST & WEST ELEVATIONS
A202	BUILDING 8 NORTH & SOUTH ELEVATIONS
AD501	DEMOLITION DETAILS
A501	DETAILS
A502	DETAILS
A503	DETAILS

CONSTRUCTION DOCUME

SCHOOL BOAR MEMBERS	RD	Gale Associates, Inc. Engineers Architects Planners
JESSICA THOMPSON JAMIE HAYNES DONNA BROSEMER RUBEN COLON KRISTA GOODRICH	BOARD CHAIR BOARD VICE CHAIR MEMBER MEMBER MEMBER	 217 N. Westmonte Drive, Suite 3033 Altamonte Springs, FL 32714 P 407.599.7031 F 407.599.7077 www.gainc.com Gale Associates (South), Inc. FL CA Lic. No: 6114 Boston Baltimore Orlando Hartford This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright©2023
CARMEN J. BALGOBIN	SUPERINTENDENT	
>		REASINAL NO DATE DESCRIPTION NO DESCRIPTION DESCRIPTION
		PINE RIDGE HIGH SCHOOL REPAIR WALL FLASHINGS BLDG. 8 VCS Project NO. 2548126 926 HOWLAND BLVD. DELTONA, FL 32738
		ARCH/ENGR OF RECORD Architect ALAN S. CRAIGO, P.E. DESIGNED BY ASC URAWN BY VL ISSUE DATE 10/22/2024 AE PROJECT NUMBER 678406 SHEET TITLE
CUMENTS 10/22	/2024	
		G001

GENERAL NOTES	OVERALL CAMPUS PLAN
GENERAL INFORMATION	
 THE INFORMATION SHOWN ON THE DRAWINGS HAS BEEN COMPILED FROM VARIOUS SOURCES, AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTR PROVIDED TO ASSIST BIDDERS IN ESTABLISHING THE PROJECT SCOPE. PROSPECTIVE BIDDERS SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND QUANTITIE FOR THIS PROJECT. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES PRIOR TO BID SUBMISSION. 	UCTION. THIS INFORMATION IS S PRIOR TO SUBMITTING A BID
2. FOR THE SAKE OF CLARITY, EACH INDIVIDUAL DETAIL OR KEYNOTE ON THE ROOF PLANS AND ELEVATION HAS NOT BEEN INDICATED. EXISTING AND NEW DETAILS AND KEYNOT TYPICAL COMPONENTS OR CONDITIONS AT RANDOM LOCATIONS. COMPONENTS SHOWN ON THE DETAIL DRAWINGS SHALL BE NEW UNLESS SPECIFICALLY INDICATED AS EXIST	ES HAVE BEEN INDICATED FOR ING.
3. HATCH PATTERNS ON THE DRAWINGS ARE FOR REPRESENTATION ONLY AND SHOULD NOT BE USED AS A MEANS FOR QUANTIFYING.	
4. ANY DISCREPANCIES ON THE DRAWINGS NOTED BY THE CONTRACTOR SHALL BE BROUGHT TO THE OWNER'S ATTENTION PRIOR TO BID SUBMISSION.	
5. DURING THE COURSE OF WORK, SHOULD ANY DEVIATION FROM THE CONTRACT DOCUMENTS BE REQUIRED, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR A WRITTEN AND THE ENGINEER OF RECORD PRIOR TO INITIATION OF THAT WORK.	
6. CONTRACTOR SETUP, ACCESS AND STAGING LOCATIONS SHALL BE AS INDICATED BY THE OWNER DURING THE PRE-CONSTRUCTION MEETING.	
7. THE BUILDING WILL REMAIN OCCUPIED DURING CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE AND EXECUTE WORK TO AVOID INTERRUPTIONS TO BUILDING OPERATIC POSSIBLE. PROVIDE TEMPORARY OVERHEAD PROTECTION AT MAIN ENTRANCES AND AT OTHER BUILDING ACCESS LOCATIONS AS NECESSARY TO PROVIDE UNINTERR COORDINATE THE LOCATION OF SUCH ENTRANCES WITH THE OWNER PRIOR TO THE START OF WORK.	NS TO THE GREATEST EXTENT UPTED ACCESS TO BUILDING.
7.1. CONTRACTOR SHALL PROVIDE ALL TEMPORARY BARRICADES TO PREVENT PEDESTRIANS FROM ACCESSING THE WORK AREAS OR FROM WALKING UNDER WORK LOCATION	
7.2. THE CONTRACTOR IS CAUTIONED THAT THE DRIVES AND WALKWAYS IMMEDIATELY ADJACENT TO THE CONSTRUCTION AREAS MAY BE ACTIVE AND OCCUPIED DURING (SHALL ACCOMMODATE OWNER'S VEHICLE AND PEDESTRIAN REQUIREMENTS, AND SHALL COORDINATE ACCESS TO ADJACENT BUILDING.	
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND COVERING ALL INTERIOR ITEMS INCLUDING FLOORS AND EQUIPMENT AS NECESSARY TO FACILITATE THE ONCE DEMOLITION IS COMPLETE FOR THE DAY, THE TEMPORARY COVERINGS OR OTHER PROTECTION SHALL BE REMOVED AND THE INTERIOR AREAS CLEANED. CLEANING LIMITED TO, SWEEPING OF FLOORS AND DUST REMOVAL FROM THE TOPS OF LIGHT FIXTURES AND EQUIPMENT WHERE ACCESSIBLE.	WORK PRIOR TO DEMOLITION. S SHALL INCLUDE, BUT NOT BE
9. THE CONTRACTOR SHALL REPORT DETERIORATED OR UNSUITABLE SUBSTRATE COMPONENTS UNCOVERED DURING DEMOLITION WORK TO THE OWNER AND TO THE END PERFORMING REPAIR INSTALLATION WORK.	
10. ITEMS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.	
	ID SPACING.
12. TEMS OF CONSTRUCTION SHALL BE 100% WATERTIGHT ON THE SAME DAY OF WORK [PHASED CONSTRUCTION MUST BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION 13. DETAILS NOT DEPICTED SHALL BE CONSTRUCTED IN A MANNER CONSISTENT WITH THE DETAIL DRAWINGS	
 14. IF THERE IS A POTENTIAL HAZARDOUS MATERIAL ENCOUNTERED DURING THE COURSE OF WORK THAT IS NOT IDENTIFIED IN THE CONTRACT DOCUMENTS, THE CO IMMEDIATELY AND CONTACT THE OWNER WHO IS TO MAKE A DETERMINATION IF THE MATERIAL IS HAZARDOUS. 	
15. MATERIALS MAY NOT BE STORED CLOSER THAN 15 FEET FROM BUILDINGS AND MAY NOT BE PLACED IN FRONT OF EXITS OR ANY FIRE PROTECTION EQUIPMENT. COORDIN/ CONSTRUCTION ROUTES WITH THE OWNER PRIOR TO INITIATION OF WORK.	ATE STORAGE LOCATIONS AND
16. REFUELING OF GASOLINE POWERED EQUIPMENT WILL NOT BE PERMITTED ON THE ROOF. GASOLINE MUST BE STORED IN UL LISTED AND APPROVED CONTAINERS.	
17. ALL DUMPSTER'S MUST BE LOCATED AT LEAST 15 FEET FROM THE BUILDING UNLESS EMPTIED AT THE END OF EACH WORK DAY.	
18. FOR ADDITIONAL REPAIR/REPLACEMENT QUANTITIES TO BE INCLUDED IN THE BASE BID, ABOVE AND BEYOND THOSE IDENTIFIED ON THE DRAWINGS, REFER TO SPECIFIC PRICES. CONFIRM LOCATIONS AND QUANTITIES OF SUCH WORK WITH OWNER OR ENGINEER OF RECORD PRIOR TO INITIATING WORK.	ATION SECTION 012200 - UNIT
METAL FABRICATION NOTES	
1. FILE SMOOTH ALL EXPOSED SHARP EDGES.	
2. FABRICATE METAL TRANSITIONS IN ONE PIECE CONSTRUCTION.	
3. LOCK AND SOLDER (OR COMPLETELY SEAL) ALL JOINTS SOLID.	
4. FIELD VERIFY ALL DIMENSIONS.	BUILDING 2
GENERAL SCOPE OF WORK	BUILDING 3
1. REPLACE THROUGH-WALL FLASHINGS IN THE CONCRETE MASONRY VENEER AT ROOF-TO-WALL LOCATIONS OF THE GYMNASIUM (BUILDING 8) WHERE INDICATED.	
STATEMENT OF COMPLIANCE	
1. TO THE BEST OF MY KNOWLEDGE, THESE DRAWINGS AND THE PROJECT MANUAL ARE COMPLETE AND COMPLY WITH THE FLORIDA BUILDING CODE.	
2. BUILDING CODE REFERENCE: FLORIDA BUILDING CODE, 8TH EDITION (2023).	
DETAIL IDENTIFIER	AND IN ACCORDANCE WITH ASCE 7-22
A500 ROOF EDGE	ULTIMATE DESIGN WIND SPEED 155 MPH
SHEET WHERE DETAIL S SHOWN PARAPET	NOMINAL DESIGN WIND SPEED 120 MPH
DETAIL INDICATOR	BUILDING RISK CATEGORY III
GUTTER WITH DOWNSPOUT	WIND EXPOSURE EXPOSURE C
O PLUMBING VENT PIPE THRU F	OOF INTERNAL PRESSURE COEFFICIENT 0.18 (ENCLOSED)
	BUILDING HEIGHT (MEAN) 32 FT (5)
SECTION INDICATOR	DESIGN WIND LOAD PRESSURES (BASED ON NOM. WIND SPEED), PSF
ELEVATION IDENTIFIER	WALLS ZONE 4 (4) -39.8
4 4 500 -6 ROOF DRAIN (OVERFLOW)	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
SHEET WHERE ELEVATION IS SHOWN	ZONE 5 5 +25.5
ELEVATION INDICATOR	





GENERAL NOTES

REPLACE THE THROUGH-WALL FLASHINGS IN THE CONCRETE MASONRY VENEER DIRECTLY ABOVE THE ROOF-TO-WALL DETAIL CONDITION ON THE GYMNASIUM WALLS AS INDICATED. REFER TO ELEVATION DRAWINGS, SHEET A201 AND A202.

REMOVE AND REINSTALL EXISTING EXETER "STORM SHIELD" HURRICANE BARRIERS AT EXISTING CLERESTORY WINDOW LOCATIONS TO FACILITATE THROUGH -WALL FLASHING WORK. REFER TO ELEVATION DRAWINGS, SHEET A201 AND A202.

REMOVE AND REINSTALL EXISTING ALUMINUM LIGHTNING PROTECTION CABLES AND ASSOCIATED COMPONENTS TO FACILITATE THROUGH-WALL FLASHING WORK. PROVIDE NEW WALL OR ROOF ANCHORS TO MATCH EXISTING COMPONENTS.

4. PROVIDE PROTECTION FOR EXISTING ROOFING BENEATH WORK AREAS, FOR PROTECTION OF EXISTING ROOF AREAS WHICH MUST BE TRAFFICKED, AND FOR ROOF PROTECTION BELOW DEMOLITION WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OCCURRING TO EXISTING ROOF THAT IS RELATED TO THIS WORK. CONFIRM EXISTING ROOF WARRANTY INFORMATION WITH OWNER.

5. SUPPORT EXISTING MASONRY VENEER, SPECIFICALLY AT LOCATION OF NEW THROUGH-WALL FLASHING REPLACEMENT, IN ACCORDANCE WITH APPROVED DRAWINGS BUT IN NO CASE MORE THAN FOUR (4) FEET ON CENTER. PROTECT REMAINING MASONRY THAT SURROUNDS REMOVAL AREA. MAINTAIN FLASHING, REINFORCEMENT, LINTELS, AND ADJOINING CONSTRUCTION IN AN UNDAMAGED CONDITION.

REMOVE AND REPLACE BACKER ROD AND SEALANT AT ALL EXISTING VERTICAL "CONTROL JOINTS" IN THE EXTERIOR CONCRETE MASONRY VENEER LOCATED ABOVE THROUGH-WALL FLASHING WORK. REFER TO GENERAL LOCATIONS IDENTIFIED ON THE ELEVATION DRAWINGS, SHEET A201

ALTERNATES

PROVIDE A DEDUCT ALTERNATE FOR OMITTING THE WORK ASSOCIATED WITH THE REPLACEMENT OF THE THROUGH-WALL FLASHINGS ON THE SOUTH WALL ELEVATION, AS SPECIFIED IN SECTION 012300, ALTERNATES.



Gale Associates, Inc. Engineers Architects Planners

217 N. Westmonte Drive, Suite 3033

Altamonte Springs, FL 32714 P 407.599.7031 F 407.599.7077 www.gainc.com Gale Associates (South), Inc. FL CA Lic. No: 6114

Boston Baltimore Orlando Hartford

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright©2023



ARCH/ENGR OF RECORD

Architect

DESIGNED BY

ASC

ISSUE DATE

SHEET TITLE

DRAWING NO.

10/22/2024

ALAN S. CRAIGO, P.E.

DRAWN BY

AE PROJECT NUMBER

678406

VL

BUILDING 8 AREA PLAN

A101

BUILDING 8 AREA PLAN	PL NOF	AN RTH
A101 SCALE: 3/32"=1'-0"		
0 8' 16' 24'		



AD501

A501

WALL FLASHING AT N/S FLAT ROOFS

A501 SCALE: 3"=1'-0" (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

REMOVE AND REPLACE CONCRETE MASONRY VENEER TO FACILITATE WORK

CUT BOTTOM EDGE OF CONCRETE MASONRY VENEER TO FIT SLOPE AND CONTOUR OF THROUGH-WALL FLASHINGS AS SHOWN

END DAMS SOLDERED TO THROUGH-WALL FLASHINGS, LOCATED AT EACH HEAD JOINT IN THE CONCRETE MASONRY VENEER (PROVIDE WEEPS AT EACH END DAM), PROVIDE CANTED END DAM WITHIN CAVITY TO PROMOTE DRAINAGE AT EACH WEEP AS SHOWN

INTEGRAL WALL FLANGE, TYP. (MEMBRANE FLASHING NOT SHOWN)

STAINLESS-STEEL THROUGH-WALL FLASHING WITH SOLDERED JOINTS AND SEAMS (FOLLOW ROOF SLOPE AS SHOWN)

> INTEGRAL RECEIVER AND SKIRT FLASHING

 \backslash

2

TERMINATE THROUGH-WALL FLASHING WITH END DAM AT NEAREST MASONRY HEAD JOINT BEYOND ROOF EDGE (PROVIDE WEEPS AT EACH HEAD JOINT)

> PROVIDE FOLDED / CLOSED END ON SKIRT FLASHING

EXISTING KYNAR METAL ROOF-TO-WALL FLASHING

- EXISTING GUTTER

EXISTING STANDING SEAM

MASONRY FLASHING TERMINATION

A503 SCALE: N.T.S. (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

 \mathbb{N}

Ŵ

CUT BOTTOM EDGE OF CONCRETE MASONRY VENEER TO FIT SLOPE AND CONTOUR OF THROUGH-WALL FLASHINGS AS SHOWN

END DAMS SOLDERED TO THROUGH-WALL FLASHINGS, LOCATED AT EACH HEAD JOINT IN THE CONCRETE MASONRY VENEER (PROVIDE WEEPS AT EACH END DAM), PROVIDE CANTED END DAM WITHIN CAVITY TO PROMOTE DRAINAGE AT EACH WEEP AS SHOWN

INTEGRAL WALL FLANGE, TYP. (MEMBRANE THROUGH-WALL FLASHING NOT SHOWN)

STAINLESS-STEEL THROUGH-WALL FLASHING WITH SOLDERED JOINTS AND SEAMS (FOLLOW ROOF SLOPE AS SHOWN)

INTEGRAL RECEIVER AND SKIRT FLASHING

TURN STAINLESS-STEEL THROUGH-WALL FLASHING AT CORNER AND TERMINATE WITH AN END DAM AT NEAREST MASONRY HEAD JOINT BEYOND CORNER (PROVIDE WEEPS AT EACH HEAD JOINT)

TURN SKIRT AROUND CORNER WITH THROUGH-WALL FLASHING

SOLDERED CORNER TRANSITION

EXISTING KYNAR METAL ROOF-TO-WALL FLASHING

- EXISTING GUTTER

EXISTING STANDING SEAM METAL ROOF

<u>MASONRY FLASHING TERMINATION</u>

A503 SCALE: N.T.S. (ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

Gale Associates, Inc. Engineers Architects Planners 217 N. Westmonte Drive, Suite 3033 Altamonte Springs, FL 32714 P 407.599.7031 F 407.599.7077 www.gainc.com

Gale Associates (South), Inc. FL CA Lic. No: 6114 Boston Baltimore Orlando Hartford

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.

