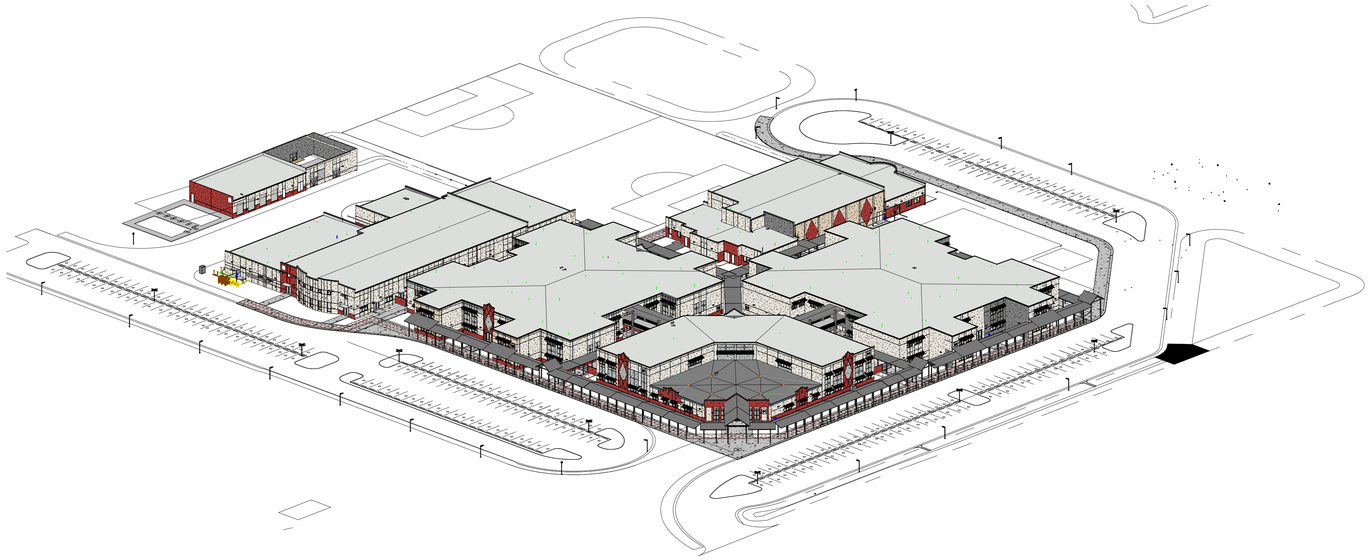
ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986



DESIGN DEVELOPMENT 5/29/2026

TRC WORLDWIDE ENGINEERING
STRUCTURAL ENGINEERS

OCI ASSOCIATES, LLC.
M / P / FP ENGINEERS

CULPEPPER & TERPENING INC.
SITE / CIVIL ENGINEER

SPIEZLE ARCHITECTURAL GROUP, INC
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
Phone: 866.974.7666 Fax: 866.256.4664
www.spiezle.com

CODE SUBMISSION: 08/26/2026
BID DATE: 08/26/2026

PEAK SYSTEMS ENGINEERING
A SPIEZLE ARCHITECTURAL GROUP INC COMPANY
ELECTRICAL ENGINEERS

LUCIDO & ASSOCIATES
LANDSCAPE ARCHITECTURE

SIEBEIN ASSOCIATES, INC
ACOUSTIC ENGINEERING

ST. LUCIE GREEN ZONE K-8 SCHOOL
26K014

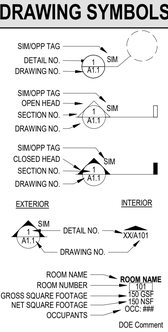
DRAWING NUMBER:
G.1

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MATERIAL SYMBOLS

- BATT / MINERAL WOOL INSULATION
- BRICK
- CONCRETE
- CONCRETE MASONRY UNIT (CMU)
- EARTH
- FIRE SAFING
- GYPSUM WALL AND/OR CEILING BOARD
- MORTAR NET
- MORTAR / GROUT
- PLYWOOD
- POROUS FILL or SUB-SLAB AGGREGATE
- RIGID INSULATION
- SPRAY FOAM INSULATION
- STEEL
- STONE
- CONTINUOUS WOOD BLOCKING
- WOOD SHIM OR BLOCKING

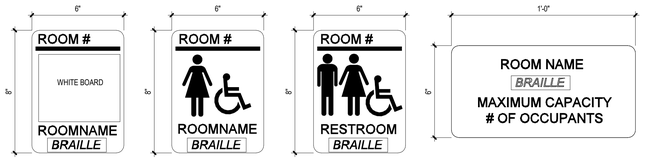
DRAWING SYMBOLS



- DETAIL IDENTIFICATION
- BUILDING SECTION IDENTIFICATION
- WALL SECTION IDENTIFICATION
- ELEVATION MARKS
- ROOM TAG
- COLUMN NUMBER
- REVISION NUMBER
- DOOR NUMBER
- WINDOW TYPE
- PARTITION TYPE
- CURTAIN WALL or STOREFRONT TAG
- DATUM or ELEVATION MARK
- CENTERLINE
- TOILET ACCESSORY TAG
- VIEW REFERENCE

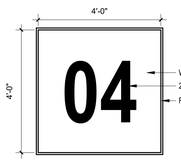
ABBREVIATIONS

CJ	CONTROL JOINT
CMU	CONCRETE MASONRY UNIT
CFMF	COLD FORMED METAL FRAMING
DN	DOWN
DWG	DRAWING
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EL	ELEVATION
EQ	EQUAL
EJ	EXPANSION JOINT
EWC	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER (BRACKET MOUNTED)
FEC	FIRE EXTINGUISHER CABINET
FT	FOOT or FEET
FRTW	FIRE RETARDANT TREATED WOOD
GALV	GALVANIZED
GSF	GROSS SQUARE FEET
GWB	GYPSUM WALL BOARD
HM	HOLLOW METAL
HP	HIGH POINT
LP	LOW POINT
MAX	MAXIMUM
MIN	MINIMUM
MO	MASONRY OPENING
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NSF	NET SQUARE FEET
OC	ON CENTER
OD	OVERFLOW DRAIN OR OUTSIDE DIAMETER
PTD	PAINT or PAINTED
PTW	PRESSURE TREATED WOOD
PVC	POLYVINYL CHLORIDE
RD	ROOF DRAIN
REINF	REINFORCED OR REINFORCING
RWL	RAINWATER LEADER
SF	SQUARE FEET
TOS	TOP OF STEEL
TYP	TYPICAL
VIF	VERIFY IN FIELD



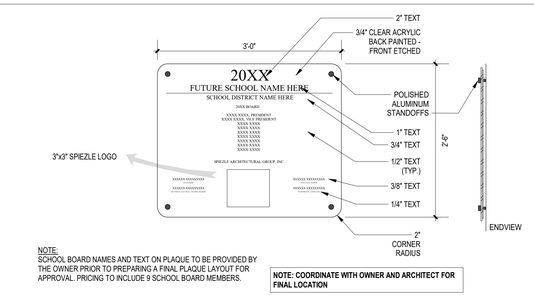
SIGNAGE

3" = 1'-0"



3 EXTERIOR BUILDING SIGN

1/2" = 1'-0"

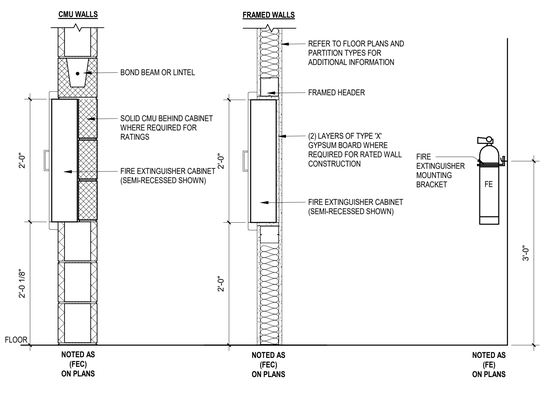


NOTE:
SCHOOL BOARD NAMES AND TEXT ON PLAQUE TO BE PROVIDED BY THE OWNER PRIOR TO PREPARING A FINAL PLAQUE LAYOUT FOR APPROVAL. PRICING TO INCLUDE 9 SCHOOL BOARD MEMBERS.

NOTE: COORDINATE WITH OWNER AND ARCHITECT FOR FINAL LOCATION

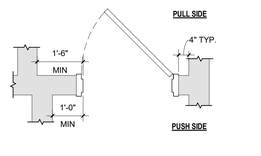
4 PLAQUE DETAIL

1" = 1'-0"



1 FIRE EXTINGUISHER DETAILS

1" = 1'-0"



2 DOOR SWING CLEARANCES

1/2" = 1'-0"

LIST OF DRAWINGS

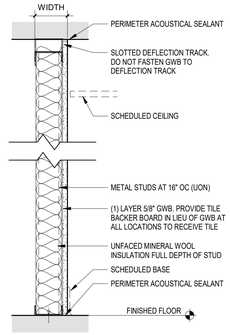
DWG. NO.	TITLE	CURRENT REVISION
GENERAL		
G.1	COVER	
G.2	NOTES, ABBREVIATIONS AND LIST OF DRAWINGS	
G.3	PARTITION TYPES AND DETAILS	
SITEWORK		
C001	MASS GRADING EXHIBIT	
C100	SITE PLAN	
C200	PAVING, GRADING, & DRAINAGE PLAN	
C201	PAVING, GRADING, & DRAINAGE PLAN	
C300	UTILITY PLAN	
C301	UTILITY PLAN	
C400	PAVING, GRADING, & DRAINAGE DETAILS	
C401	PAVING, GRADING, & DRAINAGE DETAILS	
C500	UTILITY DETAILS	
C501	UTILITY DETAILS	
C502	UTILITY DETAILS	
C503	UTILITY DETAILS	
C600	EROSION & SEDIMENT CONTROL PLAN	
C700	SPECIFICATIONS	
SW.1	ARCHITECTURAL SITE PLAN	
SW.2	ARCHITECTURAL SITE DETAILS	
LANDSCAPE		
LA100	OVERALL LANDSCAPE PLAN	
LA101	LANDSCAPE PLAN	
LA102	LANDSCAPE PLAN	
LA103	INTERIOR LANDSCAPE AND HARDSCAPE BASE BIDS	
LA104	INTERIOR LANDSCAPE AND HARDSCAPE ALTERNATE BIDS	
LA105	LANDSCAPE DETAILS	
LA106	LANDSCAPE SPECIFICATIONS	
IRRIGATION		
IR01	IRRIGATION LEGENDS	
IR02	IRRIGATION PLAN	
IR02A	IRRIGATION PLAN SENSORY GARDEN ALTERNATE AREA	
IR03	IRRIGATION PLAN	
IR04	IRRIGATION DETAILS	
IR05	NETAFIM (DRIP) NOTES & DETAILS	
IR06	IRRIGATION NOTES	
IR07	HUNTER 2-WIRE NOTES & HDPE PIPE NOTES	
IR08	IRRIGATION PUMP	
IR09	IRRIGATION PUMP	
LIFE SAFETY		
LS1.1	FIRST FLOOR LIFE SAFETY PLAN ADMINISTRATION - BUILDING 1	
LS1.2	SECOND FLOOR LIFE SAFETY PLAN ADMINISTRATION - BUILDING 1	
LS1.3	FIRST FLOOR LIFE SAFETY PLAN CLASSROOM 1 - BUILDING 2	
LS1.4	SECOND FLOOR LIFE SAFETY PLAN CLASSROOM 1 - BUILDING 2	
LS1.5	FIRST FLOOR LIFE SAFETY PLAN AUDETERIA - BUILDING 3	
LS1.6	FIRST FLOOR LIFE SAFETY PLAN GYMNASIUM - BUILDING 4	
LS1.7	FIRST FLOOR LIFE SAFETY PLAN CLASSROOM 2 - BUILDING 5	
LS1.8	SECOND FLOOR LIFE SAFETY PLAN CLASSROOM 2 - BUILDING 5	
LS1.9	FIRST FLOOR LIFE SAFETY PLAN CHILLER - BUILDING 6	
ARCHITECTURAL		
A1.1	FIRST FLOOR PLAN - ADMINISTRATION - BUILDING 1	
A1.2	SECOND FLOOR PLAN - ADMINISTRATION - BUILDING 1	
A1.3	FIRST FLOOR PLAN - CLASSROOM 1 - BUILDING 2	
A1.4	SECOND FLOOR PLAN - CLASSROOM 1 - BUILDING 2	
A1.5	FIRST FLOOR PLAN - AUDETERIA - BUILDING 3	
A1.6	FIRST FLOOR PLAN - GYMNASIUM - BUILDING 4	1
A1.7	FIRST FLOOR PLAN - CLASSROOM 2 - BUILDING 5	
A1.8	SECOND FLOOR PLAN - CLASSROOM 2 - BUILDING 5	
A1.9	FIRST FLOOR PLAN - CHILLER - BUILDING 6	
A2.0	ENLARGED PLAN DETAILS AND MOUNTING HEIGHTS	
A2.1	ELEVATOR PLANS AND DETAILS	
A2.2	TOILET ROOM PLANS - ADMINISTRATION - BUILDING 1	
A2.3	TOILET ROOM PLANS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5	
A2.4	TOILET ROOM PLANS AND ELEVATIONS - AUDETERIA - BUILDING 3	
A2.5	TOILET ROOM PLANS- GYMNASIUM - BUILDING 4	
A2.6	STAIR PLANS AND DETAILS - ADMINISTRATION - BUILDING 1	
A2.7	STAIR PLANS AND DETAILS - ADMINISTRATION - BUILDING 1	
A2.8	STAIR PLANS AND DETAILS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5	
A2.9	STAIR PLANS AND DETAILS - AUDETERIA - BUILDING 3	
A3.0	ROOF PLAN AND DETAILS	
A3.1	ROOF PLAN AND DETAILS - ADMINISTRATION - BUILDING 1	
A3.2	ROOF PLAN AND DETAILS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5	
A3.3	ROOF PLAN AND DETAILS - AUDETERIA - BUILDING 3	
A3.4	ROOF PLAN AND DETAILS - GYMNASIUM - BUILDING 4	
A4.0	CEILING DETAILS	
A4.1	FIRST FLOOR REFLECTED CEILING PLAN - ADMINISTRATION - BUILDING 1	
A4.2	SECOND FLOOR REFLECTED CEILING PLAN - ADMINISTRATION - BUILDING 1	
A4.3	FIRST FLOOR REFLECTED CEILING PLAN - CLASSROOM 1 - BUILDING 2	
A4.4	SECOND FLOOR REFLECTED CEILING PLAN - CLASSROOM 1 - BUILDING 2	
A4.5	FIRST FLOOR REFLECTED CEILING PLAN - AUDETERIA - BUILDING 3	1
A4.6	FIRST FLOOR REFLECTED CEILING PLANS - GYMNASIUM - BUILDING 4	
A4.7	FIRST FLOOR REFLECTED CEILING PLAN - CLASSROOM 2 - BUILDING 5	
A4.8	SECOND FLOOR REFLECTED CEILING PLAN - CLASSROOM 2 - BUILDING 5	
A4.9	FIRST FLOOR REFLECTED CEILING PLAN - CHILLER - BUILDING 6	
A5.0	EXTERIOR ELEVATIONS - DETAILS	
A5.1	EXTERIOR ELEVATIONS - ADMINISTRATION - BUILDING 1	
A5.2	BUILDING SECTIONS - ADMINISTRATIONS - BUILDING 1	
A5.3	EXTERIOR ELEVATIONS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5	
A5.4	BUILDING SECTIONS - CLASSROOM 1 - BUILDING 2	
A5.5	EXTERIOR ELEVATIONS - AUDETERIA - BUILDING 3	
A5.6	BUILDING SECTIONS - AUDETERIA - BUILDING 3	
A5.7	EXTERIOR ELEVATIONS - GYMNASIUM - BUILDING 4	
A5.8	BUILDING SECTIONS - GYMNASIUM - BUILDING 4	
A5.9	BUILDING SECTIONS - CLASSROOM 2 - BUILDING 5	
A6.0	WALL SECTIONS	
A6.1	WALL SECTIONS - ADMINISTRATION - BUILDING 1	
A6.2	WALL SECTIONS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5	
A6.3	WALL SECTIONS - AUDETERIA - BUILDING 3	
A6.4	WALL SECTIONS - AUDETERIA - BUILDING 3	
A6.5	WALL SECTIONS - GYMNASIUM - BUILDING 4	
A6.6	WALL SECTIONS	
A7.1	PLAN DETAILS	
A10.1	DOOR AND FRAME SCHEDULE AND DETAILS - ADMINISTRATION - BUILDING 1	
A10.2	DOOR AND FRAME SCHEDULE - CLASSROOM 1 AND 2 - BUILDING 2 AND 5	
A10.3	DOOR AND FRAME SCHEDULE - AUDETERIA AND GYMNASIUM - BUILDING 3 AND 4	
A10.4	CURTAIN WALL AND STOREFRONT ELEVATIONS	
FOOD SERVICE		
FS-1.0	EQUIPMENT PLAN & SCHEDULE	
FS-1.1	LOAD SCHEDULE	
FS-2.0	GENERAL NOTES	
FS-3.0	PLUMBING WASTE ROUGH-IN PLAN	
FS-3.1	WATER SUPPLY ROUGH-IN PLAN	
FS-3.2	PLUMBING GAS ROUGH-IN PLAN	
FS-4.0	ELECTRICAL ROUGH-IN PLAN	
FS-5.0	BUILDING CONDITIONS PLAN	
FS-6.0	WALL BLOCKING PLAN	
FS-7.0	REFRIGERATION PLAN	
FS-8.0	STAINLESS STEEL DETAILS	
FS-10.0	ELEVATIONS REFERENCE PLAN	
FS-10.1	ELEVATIONS	
FS-10.2	ELEVATIONS	
FS-11.0	EXHAUST HOOD DETAILS	
FS-11.1	EXHAUST HOOD DETAILS	
FS-11.2	EXHAUST HOOD DETAILS	
FS-11.3	EXHAUST HOOD DETAILS	
FS-11.4	EXHAUST HOOD DETAILS	
STRUCTURAL		
S0.0	ISOMETRIC VIEW	
S0.1	STRUCTURAL NOTES	
S0.2	STRUCTURAL NOTES & ABBREVIATION	
S0.3	STRUCTURAL INSPECTION PLAN	
S0.4	COMPONENTS AND CLADDING DIAGRAM - ADMINISTRATION - BUILDING 1	
S0.5	COMPONENTS AND CLADDING DIAGRAM - ADMINISTRATION - BUILDING 1	
S0.6	COMPONENTS AND CLADDING DIAGRAM - CLASSROOMS 1 & 2- BUILDING 2 & 4	
S0.7	COMPONENTS AND CLADDING DIAGRAM - CLASSROOMS 1 & 2- BUILDING 2 & 4	
S0.8	COMPONENTS AND CLADDING DIAGRAM - GYM - BUILDING 3	
S0.9	COMPONENTS AND CLADDING DIAGRAM - GYM - BUILDING 3	
S0.10	COMPONENTS AND CLADDING DIAGRAM - AUDETERIA - BUILDING 5	
S0.11	COMPONENTS AND CLADDING DIAGRAM - AUDETERIA - BUILDING 5	
S0.12	COMPONENTS AND CLADDING DIAGRAM - CHILLER - BUILDING 6	
S0.13	GRAVITY LOADING PLAN - ADMINISTRATION - BUILDING 1	
S0.14	GRAVITY LOADING PLAN - CLASSROOMS 1 - BUILDING 2	
S0.15	GRAVITY LOADING PLAN - CLASSROOMS 2 - BUILDING 4	
S0.16	GRAVITY LOADING PLAN - BUILDING 3, 5 & 6	
S1.1	FOUNDATION/FIRST FLOOR FRAMING PLAN - ADMINISTRATION - BUILDING 1	
S1.2	SECOND FLOOR FRAMING PLAN - ADMINISTRATION - BUILDING 1	

LIST OF DRAWINGS

DWG. NO.	TITLE	CURRENT REVISION
S1.3	ROOF FRAMING PLAN - ADMINISTRATION - BUILDING 1	
S2.1	FOUNDATION/FIRST FLOOR FRAMING PLAN - CLASSROOMS 1 - BUILDING 2	
S2.2	SECOND FLOOR - FRAMING PLAN - CLASSROOMS 1 - BUILDING 2	
S2.3	ROOF FRAMING PLAN - CLASSROOMS 1 - BUILDING 2	
S3.1	FOUNDATION/FIRST FLOOR FRAMING PLAN - GYM - BUILDING 3	
S3.2	LOW ROOF FRAMING PLAN - GYM - BUILDING 3	
S3.3	HIGH ROOF FRAMING PLAN - GYM - BUILDING 3	
S4.1	FOUNDATION/FIRST FLOOR FRAMING PLAN - CLASSROOMS 2 - BUILDING 4	
S4.2	SECOND FLOOR FRAMING PLAN - CLASSROOMS 2 - BUILDING 4	
S4.3	ROOF FRAMING PLAN - CLASSROOMS 2 - BUILDING 4	
S5.1	FOUNDATION/FIRST FLOOR - AUDETERIA - BUILDING 5	
S5.2	ROOF FRAMING PLAN - AUDETERIA - BUILDING 5	
S5.3	HIGH ROOF FRAMING PLAN - AUDETERIA - BUILDING 5	
S6.1	FOUNDATION/FIRST FLOOR AND ROOF - CHILLER - BUILDING 6	
S6.2	BRIDGE OVERALL PLAN	
S6.3	BRIDGE OVERALL PLAN	
S6.4	WALKWAY CANOPY PLAN	
S7.1	SCHEDULES & DETAILS	
S7.2	COLUMN SCHEDULES	
S8.1	TYPICAL FOUNDATION DETAILS	
S8.2	TYPICAL MASONRY DETAILS	
S8.3	TYPICAL CMU DETAILS	
S8.4	COMPOSITE STEEL DETAILS	
S8.5	TYPICAL STEEL DETAILS	
S8.6	TYPICAL STEEL DETAILS	
S8.7	TYPICAL STEEL DETAILS	
S8.8	TYPICAL ROOF DETAILS	
S10.1	BUILDING ELEVATION - ADMINISTRATION - BUILDING 1	
S10.2	BUILDING ELEVATION - ADMINISTRATION - BUILDING 1	
S10.3	BUILDING ELEVATION - CLASSROOM - BUILDING 2	
S10.4	BUILDING ELEVATION - CLASSROOM - BUILDING 2	
S10.5	BUILDING ELEVATION - GUY - BUILDING 3	
S10.6	BUILDING ELEVATION - AUDETERIA - BUILDING 5	
S10.7	BUILDING ELEVATION - AUDETERIA - BUILDING 5	
HEATING, VENTILATION, AND AIR CONDITIONING		
M0.1	GENERAL NOTES - HVAC	
M1.0	SITE PLAN - HVAC	
M1.1	FIRST FLOOR - ADMINISTRATION - BUILDING 1 - HVAC	
M1.2	SECOND FLOOR - ADMINISTRATION - BUILDING 1 - HVAC	
M1.3	FIRST FLOOR - CLASSROOM 1 - BUILDING 2 - HVAC	
M1.4	SECOND FLOOR - CLASSROOM 1 - BUILDING 2 - HVAC	
M1.5	FIRST FLOOR - GYM - BUILDING 3 - HVAC	
M1.6	SECOND FLOOR - GYM - BUILDING 3 - HVAC	
M1.7	FIRST FLOOR - CLASSROOM 2 - BUILDING 4 - HVAC	
M1.8	SECOND FLOOR - CLASSROOM 2 - BUILDING 4 - HVAC	
M1.9	FIRST FLOOR - AUDETERIA - BUILDING 5 - HVAC	
M1.10	FIRST FLOOR - CHILLER - BUILDING 6 - HVAC	
M3.1	ROOF PLAN - ADMINISTRATION - BUILDING 1 - HVAC	
M3.2	ROOF PLAN - CLASSROOM 1 - BUILDING 2 - HVAC	
M3.3	ROOF PLAN - GYM - BUILDING 3 - HVAC	
M3.4	ROOF PLAN - CLASSROOM 2 - BUILDING 4 - HVAC	
M3.5	ROOF PLAN - AUDETERIA - BUILDING 5 - HVAC	
M3.6	ROOF PLAN - CHILLER - BUILDING 6 - HVAC	
M4.1	ENLARGED MECHANICAL ROOMS - HVAC	
M4.2	ENLARGED MECHANICAL ROOMS - HVAC	
M4.3	ENLARGED MECHANICAL ROOMS - HVAC	
M4.4	ENLARGED SECTION MECHANICAL ROOMS - HVAC	
M4.5	ENLARGED SECTION MECHANICAL ROOMS - HVAC	
M5.1	DETAILS - HVAC	
M5.2	DETAILS - HVAC	
M5.3	DETAILS - HVAC	
M6.1	SCHEULES - HVAC	
M6.2	SCHEDULES - HVAC	
M6.3	SCHEDULES - HVAC	
M6.4	SCHEDULES - HVAC	
M6.5	SCHEDULE - HVAC	
M6.6	SCHEDULE - HVAC	
M7.1	CONTROLS - HVAC	
M7.2	CONTROLS - HVAC	
M7.3	CONTROLS - HVAC	
PLUMBING		
P0.1	GENERAL NOTES, LEGEND - PLUMBING	
P1.1	SITE PLAN - PLUMBING	
P1.2	FOUNDATION PLAN - ADMINISTRATION - BUILDING 1 - PLUMBING	
P1.3	FIRST FLOOR - ADMINISTRATION - BUILDING 1 - PLUMBING	
P1.4	SECOND FLOOR - ADMINISTRATION - BUILDING 1 - PLUMBING	
P1.6	FOUNDATION PLAN - CLASSROOM 2-BUILDING 2 - PLUMBING	
P1.7	FIRST FLOOR - CLASSROOM 2 - BUILDING 2 -PLUMBING	
P1.8	SECOND FLOOR - CLASSROOM 2 - BUILDING 2 - PLUMBING	
P1.10	FOUNDATION PLAN - GYM - BUILDING 3 - PLUMBING	
P1.11	FIRST FLOOR - GYM - BUILDING 3 - PLUMBING	
P1.12	SECOND FLOOR - GYM - BUILDING 3 - PLUMBING	
P1.13	FOUNDATION PLAN - CLASSROOM 4 - BUILDING 4 - PLUMBING	
P1.14	FIRST FLOOR - CLASSROOM 4 - BUILDING 4 - PLUMBING	
P1.15	SECOND FLOOR - CLASSROOM 4 - BUILDING 4 - PLUMBING	
P1.17	FOUNDATION PLAN - AUDETERIA - BUILDING 5 - PLUMBING	
P1.18	FIRST FLOOR - AUDETERIA - BUILDING 5 - PLUMBING	
P1.20	FOUNDATION PLAN - CHILLER - BUILDING 6 - PLUMBING	
P1.21	FIRST FLOOR - CHILLER - BUILDING 6 - PLUMBING	
P2.1	ENLARGED FOUNDATION PLAN - KITCHEN - BUILDING 5 - PLUMBING	
P2.2	ENLARGED FIRST FLOOR PLAN - KITCHEN - BUILDING 5 - PLUMBING	
P4.01	SANITARY WASTE & VENT RISER NW - ADMINISTRATION - BUILDING 1 - PLUMBING	
P4.02	SANITARY WASTE & VENT RISER SE - ADMINISTRATION - BUILDING 1 - PLUMBING	
P4.03	SANITARY WASTE & VENT RISER EAST - CLASSROOM 2 (CLASSROOM 4 SIMILAR) - BUILDING 2 - PLUMBING	
P4.04	SANITARY WASTE & VENT RISER WEST - CLASSROOM 2 (CLASSROOM 4 SIMILAR) - BUILDING 2 - PLUMBING	
P4.05	SANITARY WASTE & VENT - GYM - BUILDING 3 - PLUMBING	
P4.06	WASTE & VENT RISER EAST - AUDETERIA - BUILDING 5 - PLUMBING	
P4.07	WASTE & VENT RISER WEST - AUDETERIA - BUILDING 5 - PLUMBING	
P4.08	RISERS - CHILLER - BUILDING 6 - PLUMBING	
P4.09	DOMESTIC WATER RISER NW - ADMINISTRATION - BUILDING 1- PLUMBING	
P4.10	DOMESTIC WATER RISER SE - ADMINISTRATION - BUILDING 1 - PLUMBING	
P4.11	DOMESTIC WATER RISER EAST - CLASSROOM 2 - BUILDING 2 - PLUMBING	
P4.12	DOMESTIC WATER RISER WEST - CLASSROOM 2 - BUILDING 2 - PLUMBING	
P4.13	DOMESTIC WATER RISER - GYM - BUILDING 3 - PLUMBING	
P4.14	DOMESTIC WATER RISER EAST - AUDETERIA - BUILDING 5 - PLUMBING	
P4.15	DOMESTIC WATER RISER WEST - AUDETERIA - BUILDING 5 - PLUMBING	
P4.16	NATURAL GAS RISERS - PLUMBING	
P5.1	DETAILS - PLUMBING	
P5.2	DETAILS - PLUMBING	
P5.3	DETAILS - PLUMBING	
P5.4	DETAILS - PLUMBING	
P6.1	SCHEDULES - PLUMBING	
P6.2	SCHEDULES - PLUMBING	
ELECTRICAL		
E0.0	GENERAL NOTES & SYMBOLS LEGEND - ELECTRICAL	
E0.1	SITE PLAN- ELECTRICAL	
E0.2	SITE PHOTOMETRIC PLAN - ELECTRICAL	
E0.3	SITE LIGHTING DETAILS AND CUTSHEETS - ELECTRICAL	
E1.1	FIRST FLOOR - ADMINISTRATION - BUILDING 1 - LIGHTING	
E1.2	SECOND FLOOR - ADMINISTRATION - BUILDING 1 - LIGHTING	
E1.3	FIRST FLOOR - CLASSROOM 1 - BUILDING 2 - LIGHTING	
E1.4	SECOND FLOOR - CLASSROOM 1 - BUILDING 2 - LIGHTING	
E1.5	FIRST FLOOR - GYM - BUILDING 3 - LIGHTING	
E1.7	FIRST FLOOR - CLASSROOM 2 - BUILDING 4 - LIGHTING	
E1.8	SECOND FLOOR - CLASSROOM 2 - BUILDING 4 - LIGHTING	
E1.9	FIRST FLOOR - AUDETERIA - BUILDING 5 - LIGHTING	
E1.10	FIRST FLOOR - CHILLER - BUILDING 6 - LIGHTING	
E2.1	FIRST FLOOR - ADMINISTRATION - BUILDING 1 - POWER	
E2.2	SECOND FLOOR - ADMINISTRATION - BUILDING 1 - POWER	
E2.3	FIRST FLOOR - CLASSROOM 1 - BUILDING 2 - POWER	
E2.4	SECOND FLOOR - CLASSROOM 1 - BUILDING 2 - POWER	
E2.5	FIRST FLOOR - GYM - BUILDING 3 - POWER	
E2.7	FIRST FLOOR - CLASSROOM 2 - BUILDING 4 - POWER	
E2.8	SECOND FLOOR - CLASSROOM 2 P BUILDING 4 - POWER	
E2.9	FIRST FLOOR - AUDETERIA - BUILDING 5 - POWER	
E2.10	FIRST FLOOR - CHILLER - BUILDING 6 - POWER	
E3.1	FIRST FLOOR - ADMINISTRATION - BUILDING 1 - FIRE ALARM	
E3.2	SECOND FLOOR - ADMINISTRATION - BUILDING 1 - FIRE ALARM	
E3.3	FIRST FLOOR - CLASSROOM 1 - BUILDING 2 - FIRE ALARM	
E3.4	SECOND FLOOR - CLASSROOM 1 - BUILDING 2 - FIRE ALARM	
E3.5	FIRST FLOOR - GYM - BUILDING 3 - FIRE ALARM	
E3.7	FIRST FLOOR - CLASSROOM 2 - BUILDING 4 - FIRE ALARM	
E3.8	SECOND FLOOR - CLASSROOM 2 - BUILDING 4 - FIRE ALARM	
E3.9	FIRST FLOOR - AUDETERIA - BUILDING 5 - FIRE ALARM	
E3.10	FIRST FLOOR - CHILLER - BUILDING 6 - FIRE ALARM	
E4.1	ENLARGED PLANS AND SECTIONS - ELECTRICAL	
E4.2	KITCHEN ENLARGED PLAN	
E4.5	ROOF PLAN - AUDETERIA - BUILDING 5 - ELECTRICAL	
E5.1	DETAILS - ELECTRICAL	
E5.2	DETAILS - ELECTRICAL	

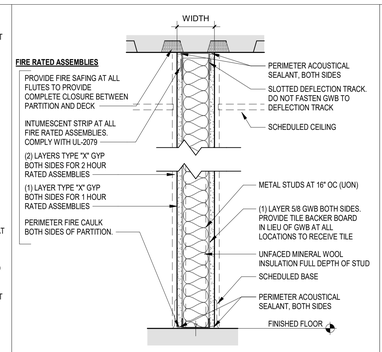
LIST OF DRAWINGS

DWG. NO.	TITLE	CURRENT REVISION
E5.3	DETAILS - ELECTRICAL	
E5.4	DETAILS - ELECTRICAL	
E5.5	DETAILS - ELECTRICAL	
E5.6	DETAILS - ELECTRICAL	
E5.7	DETAILS - ELECTRICAL	
E6.1	ONE-LINE DIAGRAMS	
E6.2	ONE-LINE DIAGRAMS	
E6.3	FIRE ALARM RISER DIAGRAM	
E7.1	PANEL SCHEDULES - ELECTRICAL	
E7.2	PANEL SCHEDULES - ELECTRICAL	
E7.3	PANEL SCHEDULES - ELECTRICAL	
E7.4	PANEL SCHEDULES - ELECTRICAL	
E7.5	PANEL SCHEDULES - ELECTRICAL	
E7.6	PANEL SCHEDULES - ELECTRICAL	
E7.7	PANEL SCHEDULES - ELECTRICAL	
TECHNOLOGY		
T0.1	GENERAL NOTES AND SYMBOLS LEGEND - TECHNOLOGY	
T1.0	SITE PLAN - TECHNOLOGY	
T1.1	FIRST FLOOR - ADMINISTRATION - BUILDING 1 - TECHNOLOGY	
T1.2	SECOND FLOOR - ADMINISTRATION - BUILDING 1 - TECHNOLOGY	
T1.3	FIRST FLOOR - CLASSROOM 1 - BUILDING 2 - TECHOLOGY	
T1.4	SECOND FLOOR - CLASSROOM 1 - BUILDING 2 - TECHNOLOGY	
T1.5	FIRST FLOOR - GYM - BUILDING 3 - TECHNOLOGY	
T1.7	FIRST FLOOR - CLASSROOM 2 - BUILDING 4 - TECHNOLOGY	
T1.8	SECOND FLOOR - CLASSROOM 2 - BUILDING 4 - TECHNOLOGY	
T1.9	FIRST FLOOR - AUDETERIA - BUILDING 5 - TECHNOLOGY	
T1.10	FIRST FLOOR - CHILLER - BUILDING 6 - TECHNOLOGY	
T4.1	ENLARGED FLOOR PLANS - TECHNOLOGY	
T4.2	AUDIOVISUAL DIAGRAMS AND EQUIPMENT - TECHNOLOGY	
T5.1	DETAILS - TECHNOLOGY	
T5.2	DETAILS - TECHNOLOGY	
T5.3	DETAILS - TECHNOLOGY	
T5.4	DETAILS - TECHNOLOGY	
T6.1	RISER DIAGRAMS - TECHNOLOGY	
FIRE SUPPRESSION		
F0.1	GENERAL NOTES - FIRE PROTECTION	
F1.1	FIRST FLOOR - ADMINISTRATION - BUILDING 1 - FIRE PROTECTION	
F1.2	SECOND FLOOR - ADMINISTRATION - BUILDING 1 - FIRE PROTECTION	
F1.3	FIRST FLOOR - CLASSROOM 1 - BUILDING 2 - FIRE PROTECTION	
F1.4	SECOND FLOOR - CLASSROOM 1 - BUILDING 2 - FIRE PROTECTION	
F1.5	FIRST FLOOR - GYM - BUILDING 3 - FIRE PROTECTION	
F1.6	SECOND FLOOR - GYM - BUILDING 3 - FIRE PROTECTION	
F1.7	FIRST FLOOR - CLASSROOM 2 - BUILDING 4 - FIRE PROTECTION	
F1.8	SECOND FLOOR - CLASSROOM 2 - BUILDING 4 - FIRE PROTECTION	
F1.9	FIRST FLOOR - AUDETERIA - BUILDING 5 - FIRE PROTECTION	
F1.10	FIRST FLOOR - CHILLER - BUILDING 6 - FIRE PROTECTION	
F5.1	DETAILS - FIRE PROTECTION	
F5.2	DETAILS - FIRE PROTECTION	
F5.3	DET



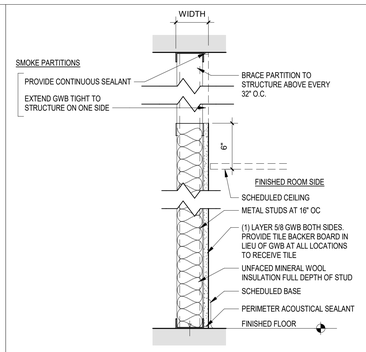
PARTITION TYPE 'A' SCHEDULE

TYPE MARK	STUD SIZE	WIDTH	COMMENTS
A1	1 5/8"	2 1/4"	
A1.1	1 5/8"	2 1/4"	
A3	3 5/8"	4 1/4"	
A3.1	3 5/8"	4 1/4"	
A6	6"	6 5/8"	



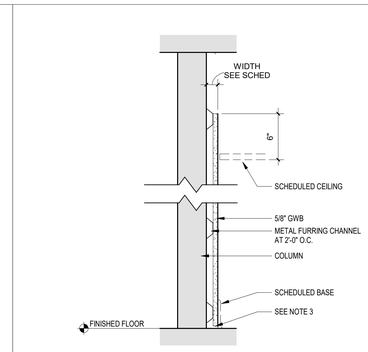
PARTITION TYPE 'B' SCHEDULE

TYPE MARK	STUD SIZE	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
B3	3 5/8"		-	45	4 7/8"	
B3.1	3 5/8"	1 HR	UL U419	-	4 7/8"	
B6	6"		-	50	7 1/4"	
B6.1	6"	1 HR	UL U419	-	7 1/4"	
B8	8"			-	9 1/4"	
B10	10"		-	45	11 1/4"	



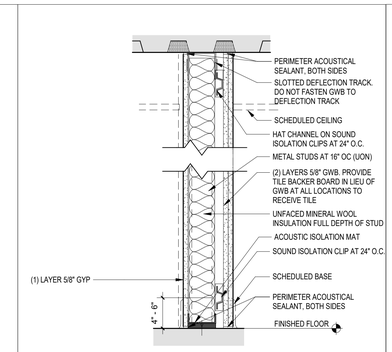
PARTITION TYPE 'C' SCHEDULE

TYPE MARK	STUD SIZE	WIDTH	COMMENTS
C2	2 1/2"	3 1/8"	



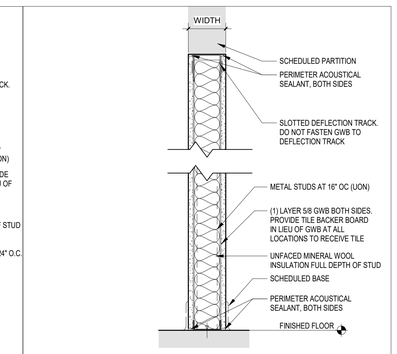
PARTITION TYPE 'F' SCHEDULE

TYPE MARK	CHANNEL SIZE	WIDTH	COMMENTS
F2	7/8"	1 1/2"	



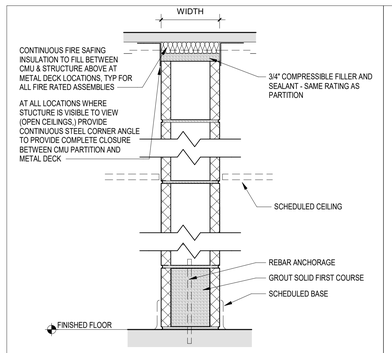
PARTITION TYPE 'S' SCHEDULE

TYPE MARK	STUD SIZE	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
S3	3 5/8"		-	61	6 1/2"	



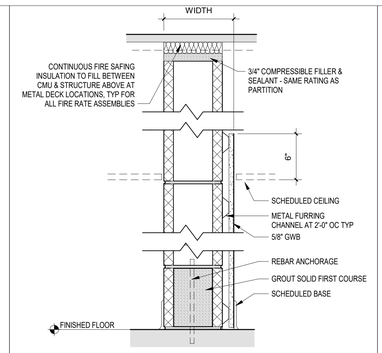
PARTITION TYPE 'T' SCHEDULE

TYPE MARK	STUD SIZE	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
T3	3 5/8"		-	45	4 7/8"	



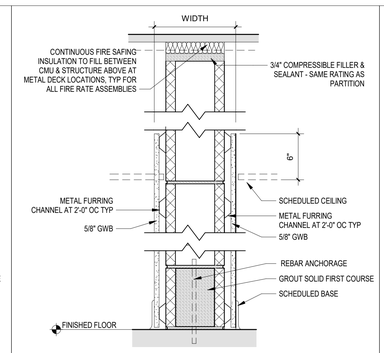
PARTITION TYPE "CMU" SCHEDULE

TYPE MARK	CMU SIZE (NOMINAL)	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
4	4"				3 5/8"	
6	6"		-	-	5 5/8"	
8	8"		-	-	7 5/8"	
8.1	8"	1 HR	UL U906	-	7 5/8"	
8.2	8"	2 HR	UL U906	-	7 5/8"	
12	12"		-	-	11 5/8"	



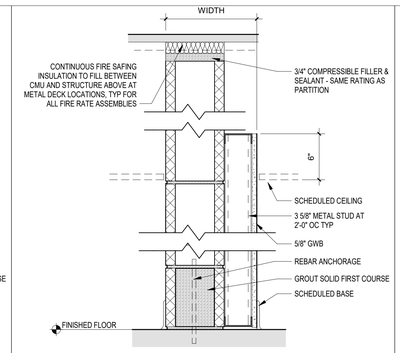
PARTITION TYPE "CMU A" SCHEDULE

TYPE MARK	CMU SIZE (NOMINAL)	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
6A	6"		-	-	6 3/8"	
8A	8"		-	-	9 3/4"	
8A.1	8"	1 HR	UL U906	-	9 3/4"	
12A	12"		-	-	1'-1 1/8"	



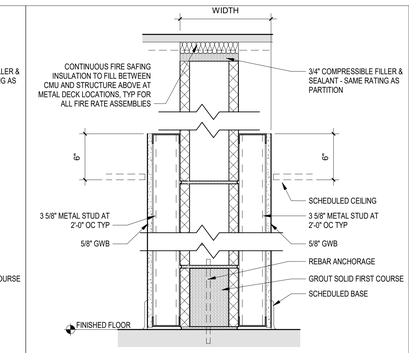
PARTITION TYPE "CMU B" SCHEDULE

TYPE MARK	CMU SIZE (NOMINAL)	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
8B	8"		-	-	10 5/8"	
8B.1	8"	1 HR	-	-	10 5/8"	



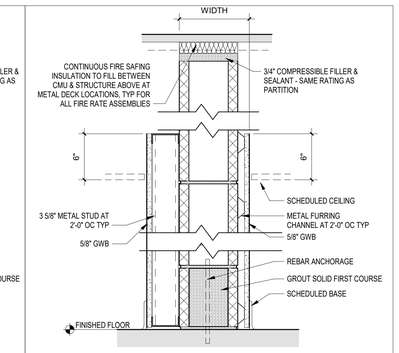
PARTITION TYPE "CMU C" SCHEDULE

TYPE MARK	CMU SIZE (NOMINAL)	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
8C	8"		-	-	11 7/8"	
8C.1	8"	1 HR	UL U906	-	11 7/8"	
12C	12"		-	-	1'-3 7/8"	



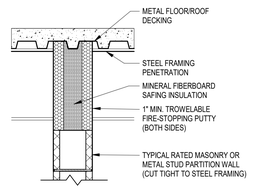
PARTITION TYPE "CMU D" SCHEDULE

TYPE MARK	CMU SIZE (NOMINAL)	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
8D	8"		-	-	1'-4 1/8"	

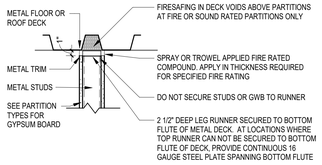


PARTITION TYPE "CMU E" SCHEDULE

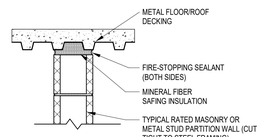
TYPE MARK	CMU SIZE (NOMINAL)	FIRE RATING	TEST NUMBER	STC RATING	WIDTH	COMMENTS
12E	12"		-	-	1'-5 3/8"	



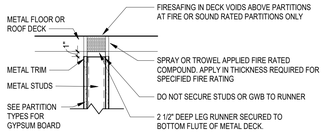
A — HEAD-OF-WALL JOINT TREATMENT PERPENDICULAR TO STRUCTURE: SIMILAR TO U.L. SYSTEM No. HW-D-0359



C — GWB CONDITION PARALLEL TO METAL DECK



B — HEAD-OF-WALL JOINT TREATMENT - SIMILAR TO U.L. SYSTEM No. HW-D-0009



D — GWB CONDITION PERPENDICULAR TO METAL DECK

CMU NOTES:
1. FIRE SAFING DETAILS TYPICAL FOR ALL FIRE RATED WALLS AND SMOKE PARTITIONS.

GYPSUM WALLBOARD NOTES:
1. FIRE SAFING DETAILS TYPICAL FOR ALL FIRE RATED WALLS AND SMOKE PARTITIONS.
2. HEAD-OF-WALL JOINT TREATMENT U.L. SYSTEM No. HW-D-0045 (SIM.)



CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN D. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

PARTITION TYPES AND DETAILS

COMMISSION NUMBER:
26K014

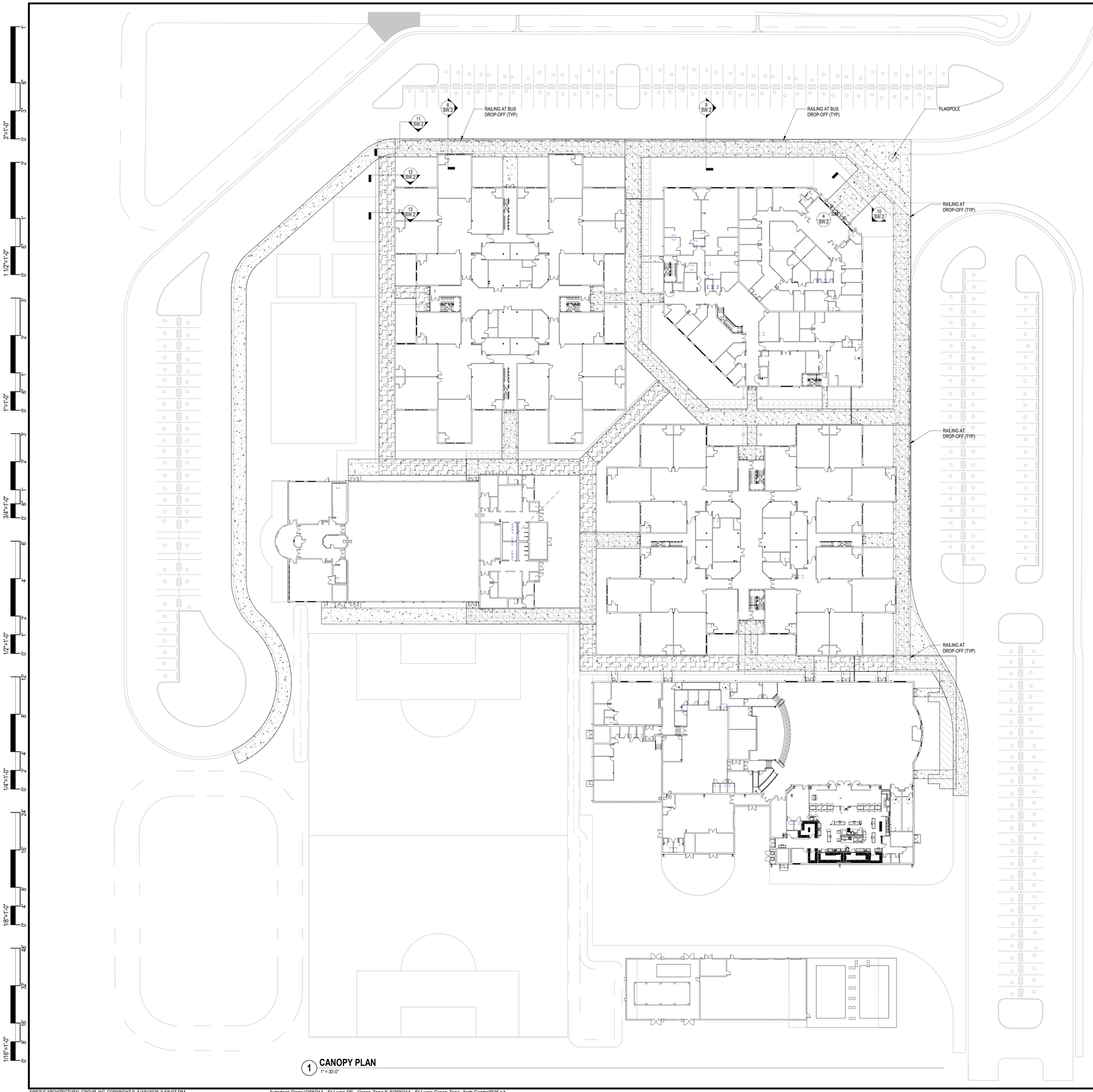
DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

G.3

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1 CANOPY PLAN
1" = 30'-0"

CANOPIES

- BASE BID CANOPIES
- ALTERNATE BID WALKWAY CANOPIES

N

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE
1		

FOR BID: 08/26/2026

DRAWING TITLE:

ARCHITECTURAL SITE PLAN

COMMISSION NUMBER:

26K014

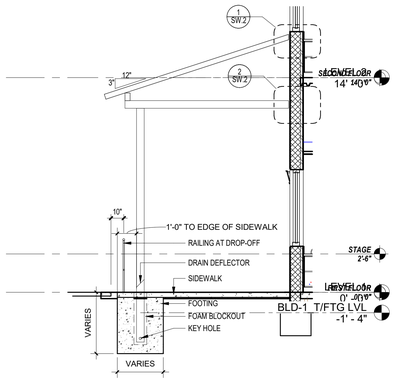
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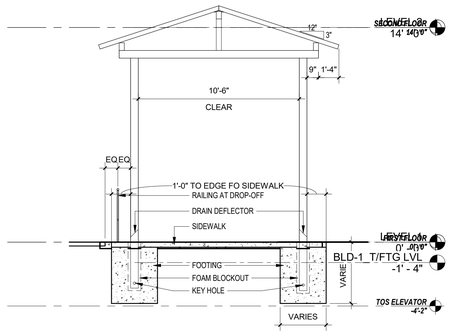
SW.1

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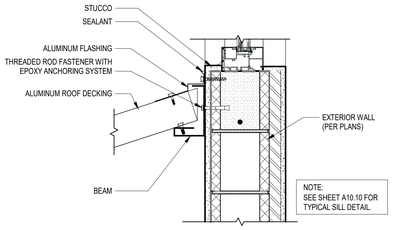
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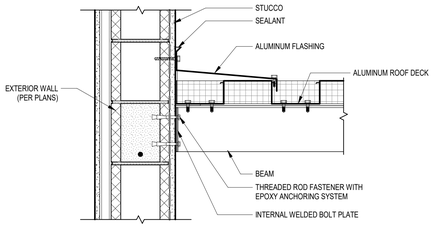
8 CANOPY - BUS DROP - WALL MOUNT
1/4" = 1'-0"



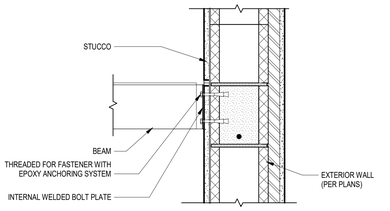
9 CANOPY - BUS DROP OFF
1/4" = 1'-0"



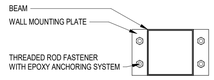
1 DETAIL - BUS DROP - WALL MOUNT - HIGH
1 1/2" = 1'-0"



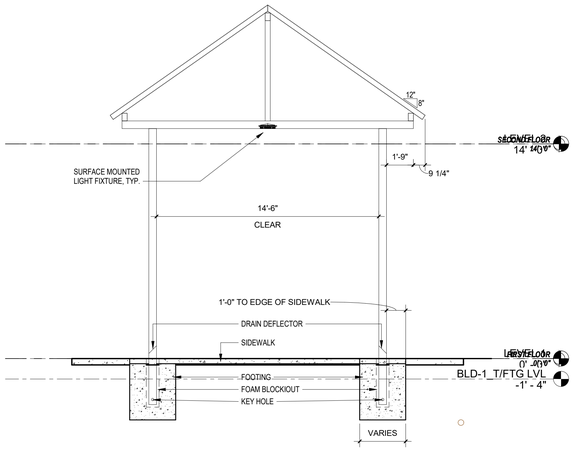
4 DETAIL - WALKWAY - WALL MOUNT
1 1/2" = 1'-0"



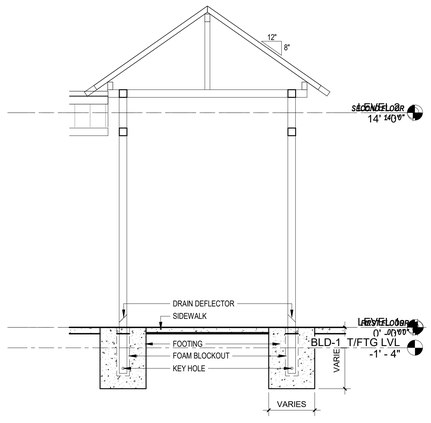
2 DETAIL - BUS DROP - WALL MOUNT - LOW
1 1/2" = 1'-0"



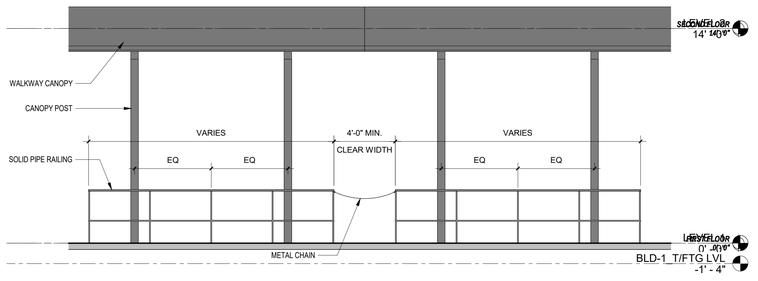
3 INTERNAL WELDED BOLT PLATE DETAIL - TYPICAL
1 1/2" = 1'-0"



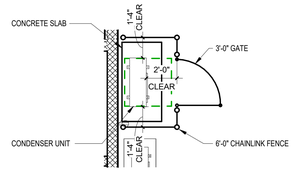
10 CANOPY - MAIN ENTRANCE
1/4" = 1'-0"



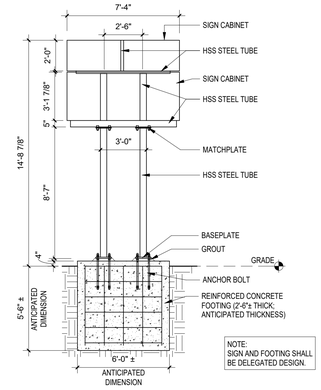
11 CANOPY - SIDE ENTRANCES
1/4" = 1'-0"



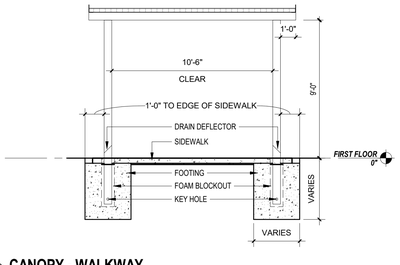
5 ELEVATION - RAILING AT DROP-OFF - TYPICAL
1/4" = 1'-0"



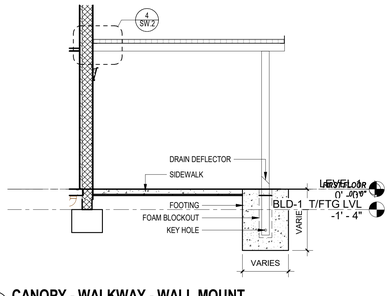
6 ENLARGED PLAN - CHAINLINK ENCLOSURE - TYPICAL
1/4" = 1'-0"



7 MONUMENT SIGN - FRONT ELEVATION
1/4" = 1'-0"



12 CANOPY - WALKWAY
1/4" = 1'-0"



13 CANOPY - WALKWAY - WALL MOUNT
1/4" = 1'-0"

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

ARCHITECTURAL SITE DETAILS

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

SW.2

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SCOPE OF WORK

THE SCHOOL CAMPUS CONSISTS OF AN ADMINISTRATION/COMMON EDUCATION CORE FACILITY BUILDING, TWO (2) CLASSROOM BUILDINGS, AN AUDETERIA WITH KITCHEN FACILITIES, GYMNASIUM, PLAY AREA, HARDCOURTS, AND A MULTI-PURPOSE PLAYING FIELD. OTHER AMENITIES INCLUDE A BUS LOOP, STAFF AND GUEST PARKING. A COVERED WALK EXTENDS FROM THE BUS DROP-OFF LOCATION INTO THE CAMPUS AND CONNECTS TO ALL BUILDINGS. CHILLER AND COOLING TOWER EQUIPMENT ARE INCLUDED.

EACH CLASSROOM BUILDING IS TWO (2) STORIES WITH A FLOOR AREA OF 32,369 SQ. FT. PER FLOOR, EACH BUILDING CONTAINS 64,738 SQ. FT. GROSS. THE CLASSROOM BUILDING TO THE EAST OF THE ADMIN/CORE FACILITY CONTAINS GRADES K THRU 1ST ON THE FIRST FLOOR AND THE CLASSROOM BUILDING TO THE SOUTH OF THE ADMIN CORE FACILITY CONTAINS GRADES 2 THRU 4 INCLUSIVE ON THE FIRST FLOOR. THE SECOND FLOOR AT THE EAST CLASSROOM BUILDING 2 CONTAINS GRADES 5 THRU 6 INCLUSIVE, AND THE SOUTH 2ND FLOOR CLASSROOM BUILDING 5 CONTAINS GRADES 7 THRU 8 INCLUSIVE. STUDENT AND STAFF TOILET FACILITIES ARE LOCATED ON EACH FLOOR WITHIN EACH SCHOOL GRADE POD, LABORATORIES, ESE CLASSROOMS, SCIENCE DEMONSTRATION CLASSROOMS, SKILLS LABS, ETC. ARE DISPERSED WITHIN BOTH THE COMMON CORE FACILITY AND CLASSROOM BUILDINGS.

APPLICABLE CODES

	CODE	YEAR	AUTHORITY
BUILDING	FLORIDA BUILDING CODE	8th ED. (2023)	BUILDING OFFICIAL
ACCESSIBILITY	FLORIDA BUILDING CODE, ACCESSIBILITY	8th ED. (2023)	BUILDING OFFICIAL
FIRE PREVENTION	FLORIDA FIRE PREVENTION CODE NFPA 1 - FIRE CODE - FL EDITION NFPA 101 - LIFE SAFETY - FL EDITION	8th ED. 2021 2021	BLDG/ FIRE OFFICIAL
LIFE SAFETY	NFPA 1 FIRE CODE NFPA 10 STD. FOR PORTABLE FIRE EXT. NFPA 11 STD. FOR L_F, M_F, & HI-EXPANSION FOAM NFPA 13 STD. FOR SPRINKLER SYSTEMS NFPA 14 STD. FOR STANDPIPE/HOSE NFPA 20 STD. FOR STATIONARY PUMPS NFPA 54 NATIONAL FUEL GAS CODE NFPA 70 NATIONAL ELECTRIC CODE NFPA 72 NATIONAL FIRE ALARM/SIGNAL CODE NFPA 90A STD. FOR AIR COND./VENT SYSTEM NFPA 101 LIFE SAFETY CODE NFPA 110 STD. EMERGENCY/STAND-BY POWER	2021 2018 2016 2019 2019 2019 2021 2020 2019 2021 2021 2019	BLDG/ FIRE OFFICIAL
ENERGY	FLORIDA BUILDING CODE, ENERGY	8th ED. (2023)	BUILDING OFFICIAL
ELECTRICAL	FLORIDA BUILDING CODE, ELECTRICAL NFPA 70 NATIONAL ELECTRICAL CODE	8th ED. (2023) 2020	BUILDING OFFICIAL
MECHANICAL	FLORIDA BUILDING CODE, MECHANICAL	8th ED. (2023)	BUILDING OFFICIAL
PLUMBING	FLORIDA BUILDING CODE, PLUMBING	8th ED. (2023)	BUILDING OFFICIAL
FUEL GAS	FLORIDA BUILDING CODE, FUEL GAS	8th ED. (2023)	BUILDING OFFICIAL
FL - SREF	STATE REQ. FOR EDUCATION FACILITIES	2014	BUILDING OFFICIAL
ZONING	NOT APPLICABLE	-	-
SUSTAINABILITY	GREEN GLOBES	-	-

NOTE: THE FACILITY DESIGN IS BASED ON THE CODE AT THE TIME OF PERMIT SUBMISSION.

CODE REVIEW - BUILDING 1

FLORIDA BUILDING CODE 8th EDITION (2023)

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

305.1 OCCUPANCY CLASSIFICATION — GROUP E

CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS

453 STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES - ALL SECTIONS

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3 ALLOWABLE BUILDING HEIGHT — 75 FEET
ACTUAL BUILDING HEIGHT — 30 FEET

TABLE 504.4 ALLOWABLE NUMBER OF STORIES — 3
ACTUAL NUMBER OF STORIES — 2

TABLE 506.2 ALLOWABLE BUILDING AREA / FLOOR — 58,000 S.F.
ACTUAL BUILDING AREA / FLOOR — **22,654 S.F.**

TOTAL BUILDING AREA

1st FLOOR = 22,654 S.F.
2nd FLOOR = 13,873 S.F.
TOTAL BUILDING AREA = 36,527 S.F.

REQUIRED FIRE RATED SEPARATION OF OCCUPANCIES

CODE	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 508.4	TABLE 6.1.14.4.1(a)
OCCUPANCY	EDUCATIONAL **	EDUCATIONAL **

NOTE:
1 HOUR RATED REDUCTION AS BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH FFPC TABLE 6.1.14.1(a) MIN. FIRE RESISTANCE RATING.

** SUPPORT SPACES (SUCH AS MEDIA CENTER, ADMINISTRATION OFFICES) WITHIN EDUCATIONAL SPACES SHALL NOT BE CONSIDERED SEPARATE OCCUPANCIES (AS PER FBC 2023 CHAPTER 3 & SECTION 453, FFPC / NFPA 1 CHAPTER 6 AND CHAPTER 10, NFPA 101 / LS CODE CHAPTER 6 AND CHAPTER 14).

INCIDENTAL USES (TABLE 509)

LEVEL 1 - ELECTRICAL ROOM W/ TRANSFORMER

LEVEL 2 - SCIENCE LABORATORY

SPECIAL PROVISIONS N/A

CHAPTER 6 - TYPES OF CONSTRUCTION

NEW CONSTRUCTION TYPE — II-B
2 STORY BUILDING
FULLY SPRINKLERED

		FBC 8th ED, TABLE 601 II B	NFPA 101, TBL A.8.2.1.2 II 000
BUILDING ELEMENT		REQ'D RATING (HRS)	REQ'D RATING (HRS)
PRIMARY STRUCTURAL FRAME		0	0
BEARING WALLS	EXTERIOR	0	0
	INTERIOR	0	0
NON BEARING WALLS	EXTERIOR (TABLE 602)	0	0
	INTERIOR	0	0
FLOOR CONSTRUCTION		0	0
ROOF CONSTRUCTION		0	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION

TABLE 705.8
MAX. AREA OF EXTERIOR WALL OPENING BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION - UNPROTECTED, SPRINKLERED

15' TO LESS THAN 20'	75%
10' TO LESS THAN 15'	45%
5' TO LESS THAN 10'	25%
0' TO LESS THAN 3'	NOT PERMITTED

CHAPTER 7 - OPENING PROTECTION

716.5.3 DOOR ASSEMBLIES IN CORRIDORS AND SMOKE BARRIERS.
FIRE DOOR ASSEMBLIES REQUIRED TO HAVE A MINIMUM FIRE PROTECTION RATING OF 20 MINUTES WHERE LOCATED IN CORRIDOR WALLS OR SMOKE BARRIER WALLS HAVING A FIRE-RESISTANCE RATING IN ACCORDANCE WITH TABLE 716.5 SHALL BE TESTED IN ACCORDANCE WITH NFPA 252 OR UL 10C WITHOUT THE HOSE STREAM TEST.

716.5.3.2 GLAZING IN DOOR ASSEMBLIES.
IN A 20-MINUTE FIRE DOOR ASSEMBLY, THE GLAZING MATERIAL IN THE DOOR ITSELF SHALL HAVE A MINIMUM FIRE PROTECTION RATED GLAZING OF 20 MINUTES AND SHALL BE EXEMPT FROM THE HOSE STREAM TEST. GLAZING MATERIAL IN ANY OTHER PART OF THE DOOR ASSEMBLY, INCLUDING TRANSOM LIGHTS AND SIDELIGHTS, SHALL BE TESTED IN ACCORDANCE WITH NFPA 257 OR UL 9, INCLUDING THE HOSE STREAM TEST, IN ACCORDANCE WITH SECTION 716.6.

TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING	MINIMUM FIRE DOOR ASSEMBLY RATING	DOOR VISION PANEL SIZE	FIRE-RATED GLAZING MARK DOOR VISION PANEL
FIRE BARRIER ENCLOSURES FOR SHAFTS, EXIT ACCESS STAIRWAYS, AND EXIT PASSAGEWAY WALLS	1 HOUR	1 HOUR	100 SQ. IN.	<100 SQ. IN. = D-H-60 >100 SQ. IN. = D-H-T-W-60
OTHER FIRE BARRIERS	1 HOUR	3/4 HOUR	MAX SIZE TESTED	3/4

FIRE-RESISTANCE-RATED GLAZING TESTED TO ASTM E119 IN ACCORDANCE WITH SECTION 716.2 SHALL BE PERMITTED, IN THE MAXIMUM SIZE TESTED.

CHAPTER 8 - INTERIOR FINISH

CLASSIFICATION OF OCCUPANCY (*FBC TABLE 803.11 / NFPA 101*)	SPRINKLERED	OCCUPANCY
EXIT STAIRWAYS, RAMPS AND EXIT PASSAGEWAY	CLASS B	EDUCATIONAL (E)
CORRIDORS, AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS	CLASS C	EDUCATIONAL (E)
ROOMS AND ENCLOSED SPACES	CLASS C	EDUCATIONAL (E)

INTERIOR WALL & CEILING FINISH REQUIREMENTS (FBC 803.1.1 / NFPA 101)

NOTE:
MOST RESTRICTIVE REQUIREMENTS SHALL BE USED FOR EACH USE ARE. PER FBC 8th ED. SECTION 803.1.1 INTERIOR WALL AND CEILING FINISH MATERIALS. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIES IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIAL SHALL BE GROUPED IN THE FOLLOWING CLASSED IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.

CLASS A: FLAME SPREAD INDEX 0-25; SMOKE DEVELOPED INDEX 0-450
CLASS B: FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450

REQUIREMENTS FROM ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSING SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE. IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEM

REQUIREMENTS	FLORIDA BUILDING CODE	NFPA / FFPC
	WHERE PROVISIONS OF THIS CODE REQ. THAT A BUILDING OR PORTION THERE OF BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THIS SECTION, SPRINKLERS SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13 EXCEPT AS PROVIDED IN SECTION 903.3.1.1.1	EACH AUTOMATIC SPRINKLER SYSTEM REQ. BY ANOTHER SECTION OF THIS CODE SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING: (1) NFPA 13 OR (2) NFPA 13D
SECTION	SECTION 906	NFPA 10, TABLE 6.2.1.1
FIRE EXTINGUISHER	LIGHT (LOW) HAZARD EDUCATIONAL	2A: 10B: C (3,000 SQ. FT / UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.
	MODERATE HAZARD STORAGE	2A: 10B: C (1,500 SQ. FT / UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.

NOTE:
1. SPECIALTY ENGINEERED FIRE SPRINKLER DESIGN SHALL BE SUBMITTED FOR REVIEW AND CONFORMANCE WITH DESIGN CRITERIA DOCUMENTS PRESENTED WITH PERMIT SUBMISSION.
2. ALL FIRE EXTINGUISHERS PROVIDED IN OCCUPIED SPACES ARE TO BE IN SEMI-RECESSED WALL MOUNTED CABINETS.
3. ALL LOCATION WHERE MOUNTED IN RATED PARTITIONS, THE ASSEMBLY SHALL MAINTAIN THE REQUIRED RATING THROUGH WALL CONSTRUCTION OR RATED CABINET ENCLOSURE. ALL BUILDINGS AND BUILDING AREAS TO BE FULLY FIRE SPRINKLER PROTECTED.

CHAPTER 9 - AUTOMATIC SPRINKLER SYSTEM

PER SECTION 903.2.3 GROUP E
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP E OCCUPANCIES AS FOLLOWS:
1. THROUGHOUT ALL GROUP E FIRE AREAS GREATER THAN 12,000 SQUARE FEET IN AREA.
2. THROUGHOUT EVERY PORTION OF EDUCATIONAL BUILDINGS BELOW THE LOWEST LEVEL OF EXIT DISCHARGE SERVING THAT PORTION OF THE BUILDING.

PER SECTION 906.1, EXCEPTION 2 GROUP E
IN GROUP E OCCUPANCIES. PORTABLE FIRE EXTINGUISHERS SHALL BE REQUIRED ONLY IN LOCATIONS SPECIFIED IN ITEMS 2 THROUGH 6 WHERE EACH CLASSROOM IS PROVIDED WITH A PORTABLE FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 2-A:20-B:C.
2. WITHIN 30 FEET (9144 MM) OF COMMERCIAL COOKING EQUIPMENT.
3. IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION, EXCEPT GROUP R-3 OCCUPANCIES, IN ACCORDANCE WITH THE FLORIDA FIRE PREVENTION CODE.
5. WHERE REQUIRED BY THE FLORIDA FIRE PREVENTION CODE.
6. SPECIAL-HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, COMPUTER ROOMS AND GENERATOR ROOMS, WHERE REQUIRED BY THE FIRE CODE OFFICIAL.

CHAPTER 10 - OCCUPANT LOAD

(MAX. FLOOR SQ. FT. AREA ALLOWANCE PER OCCUPANT)

	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 1004.5	TABLE 7.3.1.2
OCCUPANCY		
ASSEMBLY - UNCONCENTRATED *	15 NET	15 NET
BUSINESS AREAS **	150 GROSS	150 GROSS
CLASSROOM AREAS	20 NET	20 NET
STORAGE GROUP ***	300 GROSS	500 GROSS

NOTE:
* CONFERENCE ROOMS
** ADMINISTRATION OFFICE, TEACHER PLANNING AND SUPPORT SPACES
*** ACCESSORY STORAGE AREAS / MECHANICAL / EQUIPMENT ROOMS PER SECT. 311.1.1 FBC

OCCUPANCY LOAD (*FBC, TABLE 1004.5*)					EXITS (*FBC, TABLE 1006.2.1*)		
EDUCATIONAL (E)		1ST LEVEL	2ND LEVEL	*TOTAL*	LEVEL	REQUIRED	PROVIDED
IBC		479	325	804	1ST LEVEL	4	6
SREF	STUDENTS	70	96	166	2ND LEVEL	2	2
	TEACHERS	6	6	12	358		
	STAFF	132	48	180			

CHAPTER 10 - MEANS OF EGRESS SIZING

PER SECTION 1005.3.1 STAIRWAYS
MINIMUM EGRESS CAPACITY FACTOR: 0.2 INCHES PER OCCUPANT
MINIMUM WIDTH AND CAPACITY: 44" / 0.2 = 220 OCCUPANTS
MINIMUM WIDTH PROVIDED: 48" / 0.2 = 240 OCCUPANTS

1005.3.2 OTHER EGRESS COMPONENTS
MINIMUM EGRESS CAPACITY FACTOR: 0.15 INCHES PER PERSON

1010.1.1 SIZE OF DOORS
MINIMUM CLEAR OPENING WIDTH: 32" CLEAR / 0.15 - 213 OCCUPANTS
MINIMUM CLEAR WIDTH PROVIDED: 33" CLEAR / 0.15 = 220 OCCUPANTS

CHAPTER 10 - HANDRAILS AND GUARDRAILS

PER SECTION 1014 HANDRAILS AND 1015 GUARDS

1014.2 HEIGHT (HANDRAIL) | NFPA 101, SECTION 7.2.2.4.5.1
HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSING, SHALL BE UNIFORM, NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES.

1014.3.1 HANDRAIL GRASPABILITY TYPE I | NFPA 101, SECTION 7.2.2.4.5.6 (1)
HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1 1/4 INCHES AND NOT GREATER THAN 2 INCHES.

1014.6 HANDRAIL EXTENSIONS | NFPA 101, SECTION 7.2.2.4.5.9 , 7.2.2.4.5.10
HANDRAILS SHALL RETURN TO A WALL. HANDRAILS SHALL EXTEND HORIZONTALLY NOT LESS THAN 12 INCHES BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER.

1014.7 HANDRAIL CLEARANCE
CLEAR SPACE BETWEEN A HANDRAIL AND A WALL OR OTHER SURFACE SHALL BE NOT LESS THAN 1 1/2 INCHES. A HANDRAIL AND A WALL OR OTHER SURFACE ADJACENT TO THE HANDRAIL SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
NFPA 101, SECTION 7.2.2.4.5.5
NEW HANDRAIL SHALL BE INSTALLED TO PROVIDE A CLEARANCE OF NOT LESS THAN 2 1/2" BETWEEN THE HANDRAIL AND THE WALL TO WHICH IT IS FASTENED.

1015.2 WHERE REQUIRED (HANDRAIL)
GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, AISLES, STAIRS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.9

1015.3 HEIGHT (GUARD) | NFPA 101, SECTION 7.2.2.4.6.2
REQUIRED GUARDS SHALL BE NOT LESS THAN 42 INCHES HIGH, MEASURED VERTICALLY AS FOLLOWS:

1. FROM THE ADJACENT WALKING SURFACES.
2. ON STAIRWAYS AND STEPPED AISLES, FROM THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSINGS.

1015.4 OPENING LIMITATIONS | NFPA 101, SECTION 7.2.2.4.6.3
REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 INCHES IN DIAMETER FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT.

TABLE 1020.3 MINIMUM CORRIDOR WIDTH
ANY FACILITIES NOT LISTED BELOW — 44 INCHES
IN GROUP E WITH A CORRIDOR HAVING AN OCCUPANT LOAD OF 100 OR MORE — 72 INCHES

1058 EXIT DISCHARGE
ALL REQUIRED EXISTS ARE CONTINUOUS AND DISCHARGE DIRECTLY TO THE BUILDING EXTERIOR

PER S.R.E.F. - EXTERIOR (OPEN) CORRIDORS OR BALCONIES OF 18" OR MORE ABOVE GRADE SERVING AS REQUIRED MEANS OF EGRESS SHALL BE OPEN TO THE OUTSIDE AIR AND SHALL BE ENCLOSED ONLY BY A GUARDRAIL OR BALUSTRADE. BALCONIES SHALL HAVE GUARDRAILS OR BALUSTRADES AS FOLLOW: A) A MINIMUM OF 42" HIGH WITH BALUSTERS SPACED NOT MORE THAN 4" APART. B) A BOTTOM RAIL SHALL BE SPACED NOT MORE THAN 2" ABOVE FINISHED FLOOR.

FIRE CODE ANALYSIS

FLORIDA FIRE PREVENTION CODE 8TH EDITION 2024	LISTED IN APPLICABLE CODES
TYPE OF CONSTRUCTION	II-B
TOTAL SQUARE FEET (ALL FLOORS)	36,527 S.F.
NUMBER OF STORIES/OR MEZZANINES	2
OCCUPANCY TYPE	E
FIRE RATING SEPARATION BETWEEN OCCUPANCY	1-HOUR
STAIRWELLS ENCLOSURE FIRE RATING	1-HOUR
FIRE DAMPERS IN FIRE RATED WALLS	YES
MEANS OF EGRESS COMPONENTS: DOORS: STAIRS: HANDRAILS: GUARDRAILS: RAMPS:	 SEE DRAWING A10.1 SEE DRAWING A2.9 AND A2.10 SEE DRAWING A2.9 SEE DRAWING A2.9 NOT APPLICABLE
OCCUPANCY LOAD (*TABLE 14.8.1.2*)	CLASSROOMS = 20 NET; SHOP, LABS & VOC. RMS. = 50 NET
CAPACITY OF MEANS OF EGRESS	NFPA 101, 14.8
NUMBER OF EGRESS	(4) FOUR REQUIRED
ARRANGEMENT OF MEANS OF EGRESS	NFPA 101, 14.10
COMMON PATH	75 FT. (UNSPRINKLERED) ; 100 FT. (SPRINKLERED)
DEAD END CORRIDOR	20 FT. (UNSPRINKLERED) ; 50 FT. (SPRINKLERED)
TRAVEL DISTANCE	150 FT. MAXIMUM (UNSPRINKLERED); 200 FT. MAXIMUM (SPRINKLERED)
INTERIOR FINISH - *EDUCATIONAL*	EXIT ENCLOSURE AND EXIT PASSAGE: CLASS A OCCUPANCIES OTHER THAN EXITS: CLASS A AND B
ILLUMINATION OF MEANS OF EGRESS	NFPA 101, 14.12.
EMERGENCY LIGHTING	NFPA 101, 14.13 - SEE DRAWINGS ELECTRICAL DWGS.
MARKING OF MEANS OF EGRESS	NFPA 101, 14.14
FIRE DETECTION, ALARM AND COMMUNICATIONS SYSTEM	NFPA 101, 13.7
AUTOMATIC SPRINKLERS	NFPA 101, 13.3 AND 13.3.2.7
PORTABLE FIRE EXTINGUISHERS	NFPA 101, 13.6
SMOKE DUCT DETECTORS	NFPA 101, 13.7.1.8
EMERGENCY RADIO ENHANCEMENT	NFPA 101, 11.10 AND NFPA 1225
SUBMIT COUNTY APPROVED STAMPED CIVIL PLANS	
SUBMIT IRC UTILITIES FLOW TEST SUMMARY REPORT FOR ALL FIRE HYDRANTS WITHIN 1000FT FROM PURPOSED STRUCTURE	

FLORIDA PRODUCT APPROVAL SPECIFICATION CHART

PRODUCT	MANUFACTURER/SERIES	FLORIDA PRODUCT APPROVAL
EXTERIOR HM DOORS	CURRIES - MODEL 707	FL# 8394
EXTERIOR FRP DOORS	CORRIM - HURRICANE-RATED FRP	FL# 14311
EXTERIOR ALUM DOORS	CLINE - SERIES 100BE	FL# 6336
CURTAIN WALL SYSTEM - DOOR	YKK AP, YHC 300 0G	NOA 16554.1
CURTAIN WALL SYSTEM	YKK AP, YHC 300 0G	NOA 13433.2
STOREFRONT SYSTEM	YKK AP, YHS 50TU	NOA 14218.12
SECTIONAL DOOR	OVERHEAD DOOR CORPORTATION - MODEL 610	FL# 742.15
ROOFING SYSTEM	GARLAND ROOFING SYSTEM - SINGLE PLY	NOA 23-1011.19
SUN SHADES	SHARCHS - THRESHER TR-4RB-RT4-RCT4	
LOUVERS	HARRAY LOUVERS - E6JF AND E6WF	NOA 23-0815.26

PLUMBING FIXTURE COUNT

REQUIRED PLUMBING FIXTURES
TABULATION OF PLUMBING FIXTURES AS PER:
FLORIDA BUILDING CODE, 8th EDITION (2023) - PLUMBING

GROUP E - EDUCATIONAL OCCUPANCY
OCCUPANT LOAD BASED ON SREF OCCUPANCY

MAXIMUM DESIGNED OCCUPANTS
STUDENT 166 EDUCATIONAL
TEACHING STAFF/ADMINISTRATION 192 BUSINESS
TOTAL OCCUPANTS = 358

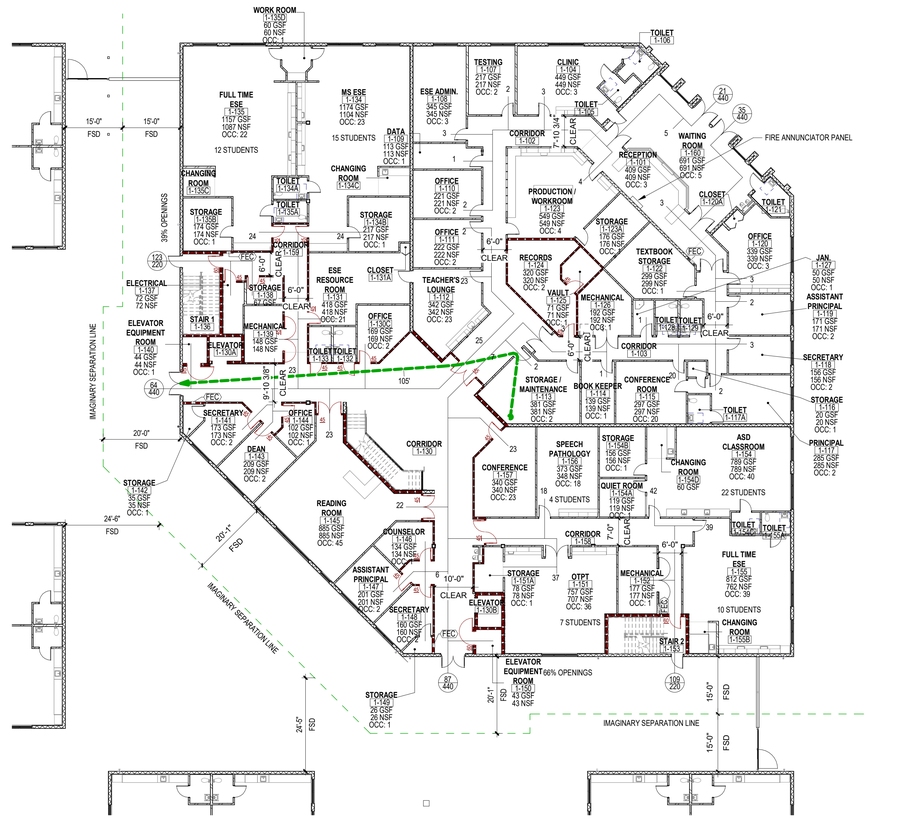
PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: EDUCATIONAL = 166 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		GIRLS	BOYS
WATER CLOSETS	1:50 = 2	2	2
LAVATORIES	1:50 = 2	2	2
SINGLE USER	N/A	(9) SINGLE USE	
DRINKING FOUNTAINS	1:100 = 1	(2) HI-LOW WATER FOUNTAIN	

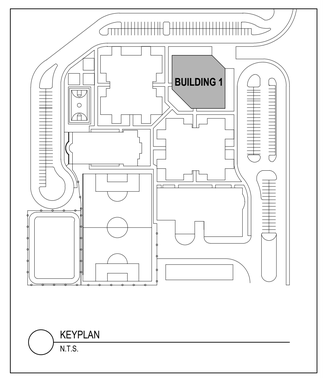
PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: BUSINESS = 192 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		WOMEN	MEN
WATER CLOSETS	1:25 = 4	2	2
LAVATORIES	1:40 = 2	2	2
SINGLE USER	N/A	(4) SINGLE USE ACCOUNTED FOR ABOVE	
DRINKING FOUNTAINS	1:100 = 1	(2) HI-LOW WATER FOUNTAIN	

NO MORE THAN 50% OF PROVIDED AND REQUIRED NUMBER OF WATER CLOSETS ARE URINALS.



1 **FIRST FLOOR LIFE SAFETY PLAN - ADMINISTRATION**
1/16" = 1'-0"



KEYPLAN
N.T.S.

N

CODE PLAN LEGEND

	SMOKE PARTITION (NO RATING)
	SMOKE BARRIER (1 HOUR RATED)
	30 MIN FIRE PARTITION
	1 HOUR FIRE PARTITION
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	4 HOUR FIRE BARRIER
	2 HOUR FIRE WALL
	3 HOUR FIRE WALL
	4 HOUR FIRE WALL
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
X = XX'	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
ACTUAL EGRESS LOAD 122 / EGRESS CAPACITY 360	DOOR EGRESS CAPACITY TAG
ACTUAL EGRESS LOAD 123 / EGRESS CAPACITY 360	STAIR EGRESS CAPACITY TAG

NOTE:
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS

3"= 1'-0"
1 1/2"= 1'-0"
1"= 1'-0"
3/4"= 1'-0"
1/2"= 1'-0"
1/4"= 1'-0"
1/8"= 1'-0"
1/16"= 1'-0"

CODE PLAN LEGEND

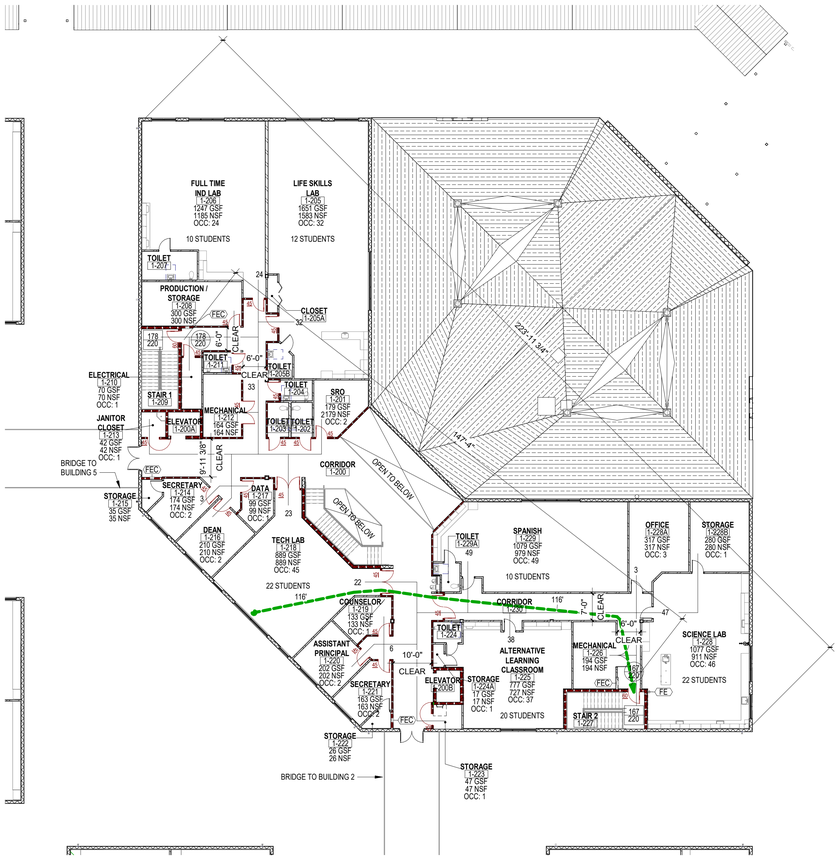
	SMOKE PARTITION (NO RATING)
	SMOKE BARRIER (1 HOUR RATED)
	30 MIN FIRE PARTITION
	1 HOUR FIRE PARTITION
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	4 HOUR FIRE BARRIER
	2 HOUR FIRE WALL
	3 HOUR FIRE WALL
	4 HOUR FIRE WALL
FEC / FE	FIRE EXTINGUISHER CABINET / FIRE EXTINGUISHER
X = XX'	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
ACTUAL EGRESS LOAD → 178 / EGRESS CAPACITY → 220	DOOR EGRESS CAPACITY TAG
ACTUAL EGRESS LOAD → 123 / EGRESS CAPACITY → 360	STAIR EGRESS CAPACITY TAG

NOTE:

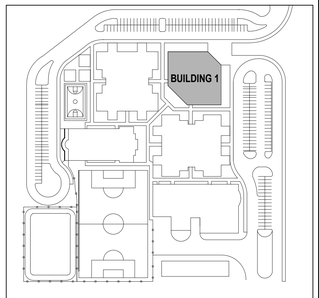
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS 3" FOR SINGLE DOOR, 6" FOR DOUBLE DOOR.



1 **SECOND FLOOR LIFE SAFETY PLAN - ADMINSTRATION**
1/16" = 1'-0"



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WYRGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE
1		

FOR BID: 08/26/2026

DRAWING TITLE:

SECOND FLOOR LIFE SAFETY PLAN ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

LS1.2

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

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DRAWN BY:SLB CHECKED BY:Checker

SCOPE OF WORK

THE SCHOOL CAMPUS CONSISTS OF AN ADMINISTRATION/COMMON EDUCATION CORE FACILITY BUILDING. TWO (2) CLASSROOM BUILDINGS, AN AUDETERIA WITH KITCHEN FACILITIES, GYMNASIUM, PLAY AREA, HARDCOURTS, AND A MULTI-PURPOSE PLAYING FIELD. OTHER AMENITIES INCLUDE A BUS LOOP, STAFF AND GUEST PARKING, A COVERED WALK EXTENDS FROM THE BUS DROP-OFF LOCATION INTO THE CAMPUS AND CONNECTS TO ALL BUILDINGS. CHILLER AND COOLING TOWER EQUIPMENT ARE INCLUDED.

EACH CLASSROOM BUILDING IS TWO (2) STORIES WITH A FLOOR AREA OF 32,369 SQ. FT. PER FLOOR, EACH BUILDING CONTAINS 64,738 SQ. FT. GROSS. THE CLASSROOM BUILDING TO THE EAST OF THE ADMIN/CORE FACILITY CONTAINS GRADES K THRU 1ST ON THE FIRST FLOOR AND THE CLASSROOM BUILDING TO THE SOUTH OF THE ADMIN CORE FACILITY CONTAINS GRADES 2 THRU 4 INCLUSIVE ON THE FIRST FLOOR. THE SECOND FLOOR AT THE EAST CLASSROOM BUILDING 2 CONTAINS GRADES 5 THRU 8 INCLUSIVE, AND THE SOUTH 2ND FLOOR CLASSROOM BUILDING 5 CONTAINS GRADES 7 THRU 8 INCLUSIVE. STUDENT AND STAFF TOILET FACILITIES ARE LOCATED ON EACH FLOOR WITHIN EACH SCHOOL GRADE POD. LABORATORIES, ESE CLASSROOMS, SCIENCE DEMONSTRATION CLASSROOMS, SKILLS LABS, ETC. ARE DISPERSED WITHIN BOTH THE COMMON CORE FACILITY AND CLASSROOM BUILDINGS.

APPLICABLE CODES

	CODE	YEAR	AUTHORITY
BUILDING	FLORIDA BUILDING CODE	8th ED. (2023)	BUILDING OFFICIAL
ACCESSIBILITY	FLORIDA BUILDING CODE, ACCESSIBILITY	8th ED. (2023)	BUILDING OFFICIAL
FIRE PREVENTION	FLORIDA FIRE PREVENTION CODE NFPA 1 - FIRE CODE - FL EDITION NFPA 101 - LIFE SAFETY - FL EDITION	8th ED. 2021 2021	BLDG/ FIRE OFFICIAL
LIFE SAFETY	NFPA 1 FIRE CODE NFPA 10 STD. FOR PORTABLE FIRE EXT. NFPA 11 STD. FOR L-, M-, & H-EXPANSION FOAM NFPA 13 STD. FOR SPRINKLER SYSTEMS NFPA 14 STD. FOR STANDPIPE/HOSE NFPA 20 STD. FOR STATIONARY PUMPS NFPA 54 NATIONAL FUEL GAS CODE NFPA 70 NATIONAL ELECTRIC CODE NFPA 72 NATIONAL FIRE ALARM/SIGNAL CODE NFPA 90A STD. FOR AIR COND./VENT SYSTEM NFPA 101 LIFE SAFETY CODE NFPA 110 STD. EMERGENCY/STAND-BY POWER	2021 2018 2016 2019 2019 2019 2021 2020 2019 2021 2021 2019	BLDG/ FIRE OFFICIAL
ENERGY	FLORIDA BUILDING CODE, ENERGY	8th ED. (2023)	BUILDING OFFICIAL
ELECTRICAL	FLORIDA BUILDING CODE, ELECTRICAL NFPA 70 NATIONAL ELECTRICAL CODE	8th ED. (2023) 2020	BUILDING OFFICIAL
MECHANICAL	FLORIDA BUILDING CODE, MECHANICAL	8th ED. (2023)	BUILDING OFFICIAL
PLUMBING	FLORIDA BUILDING CODE, PLUMBING	8th ED. (2023)	BUILDING OFFICIAL
FUEL GAS	FLORIDA BUILDING CODE, FUEL GAS	8th ED. (2023)	BUILDING OFFICIAL
FL - SREF	STATE REQ. FOR EDUCATION FACILITES	2014	BUILDING OFFICIAL
ZONING	NOT APPLICABLE	-	-
SUSTAINABILITY	GREEN GLOBES	-	-

NOTE: THE FACILITY DESIGN IS BASED ON THE CODE AT THE TIME OF PERMIT SUBMISSION.

CODE REVIEW - BUILDING 2

FLORIDA BUILDING CODE 8th EDITION (2023)

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

305.1	OCCUPANCY CLASSIFICATION	GROUP E

CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS

453	STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES - ALL SECTIONS

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3	ALLOWABLE BUILDING HEIGHT	75 FEET
	ACTUAL BUILDING HEIGHT	30 FEET
TABLE 504.4	ALLOWABLE NUMBER OF STORIES	3
	ACTUAL NUMBER OF STORIES	2
TABLE 506.2	ALLOWABLE BUILDING AREA / FLOOR	43,500 S.F.
	ACTUAL BUILDING AREA / FLOOR	32,369 S.F.

TOTAL BUILDING AREA

1st FLOOR = 32,369 S.F.
2nd FLOOR = 32,369 S.F.
TOTAL BUILDING AREA = 64,738 S.F.

REQUIRED FIRE RATED SEPARATION OF OCCUPANCIES

CODE	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 508.4	TABLE 6.1.14.4.1(a)
OCCUPANCY	EDUCATIONAL **	EDUCATIONAL **

NOTE:
1 HOUR RATED REDUCTION AS BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH FFPC TABLE 6.1.14.1(a) MIN. FIRE RESISTANCE RATING.

** SUPPORT SPACES (SUCH AS MEDIA CENTER, ADMINISTRATION OFFICES) WITHIN EDUCATIONAL SPACES SHALL NOT BE CONSIDERED SEPARATE OCCUPANCIES (AS PER FBC 2023 CHAPTER 3 & SECTION 453, FFPC / NFPA 1 CHAPTER 6 AND CHAPTER 10, NFPA 101 / LS CODE CHAPTER 6 AND CHAPTER 14).

INCIDENTAL USES (TABLE 509)

N/A

SPECIAL PROVISIONS N/A

CHAPTER 6 - TYPES OF CONSTRUCTION

NEW CONSTRUCTION TYPE — II-B, 2 STORY BUILDING, FULLY SPRINKLERED

		FBC 8th ED, TABLE 601 II B	NFPA 101, TBL A.8.2.1.2 II 000
BUILDING ELEMENT		REQ'D RATING (HRS)	REQ'D RATING (HRS)
PRIMARY STRUCTURAL FRAME		0	0
BEARING WALLS	EXTERIOR	0	0
	INTERIOR	0	0
NON BEARING WALLS	EXTERIOR (TABLE 602)	0	0
	INTERIOR	0	0
FLOOR CONSTRUCTION		0	0
ROOF CONSTRUCTION		0	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION

TABLE 705.8
MAX. AREA OF EXTERIOR WALL OPENING BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION - UNPROTECTED, SPRINKLERED

15' TO LESS THAN 20'	75%
10' TO LESS THAN 15'	45%
5' TO LESS THAN 10'	25%
0' TO LESS THAN 3'	NOT PERMITTED

CHAPTER 7 - OPENING PROTECTION

716.5.3 DOOR ASSEMBLIES IN CORRIDORS AND SMOKE BARRIERS.
FIRE DOOR ASSEMBLIES REQUIRED TO HAVE A MINIMUM FIRE PROTECTION RATING OF 20 MINUTES WHERE LOCATED IN CORRIDOR WALLS OR SMOKE BARRIER WALLS HAVING A FIRE-RESISTANCE RATING IN ACCORDANCE WITH TABLE 716.5 SHALL BE TESTED IN ACCORDANCE WITH NFPA 252 OR UL 10C WITHOUT THE HOSE STREAM TEST.

716.5.3.3 GLAZING IN DOOR ASSEMBLIES.
IN A 20-MINUTE FIRE DOOR ASSEMBLY, THE GLAZING MATERIAL IN THE DOOR ITSELF SHALL HAVE A MINIMUM FIRE PROTECTION RATED GLAZING OF 20 MINUTES AND SHALL BE EXEMPT FROM THE HOSE STREAM TEST. GLAZING MATERIAL IN ANY OTHER PART OF THE DOOR ASSEMBLY, INCLUDING TRANSOM LIGHTS AND SIDELIGHTS, SHALL BE TESTED IN ACCORDANCE WITH NFPA 257 OR UL 9, INCLUDING THE HOSE STREAM TEST, IN ACCORDANCE WITH SECTION 716.6.

TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING	MINIMUM FIRE DOOR ASSEMBLY RATING	DOOR VISION PANEL SIZE	FIRE-RATED GLAZING MARK DOOR VISION PANEL
FIRE BARRIER ENCLOSURES FOR SHAFTS, EXIT ACCESS STAIRWAYS, AND EXIT PASSAGEWAY WALLS	1 HOUR	1 HOUR	100 SQ. IN.	<100 SQ. IN. = D-H-60 >100 SQ. IN. = D-H-T-W-60
OTHER FIRE BARRIERS	1 HOUR	3/4 HOUR	MAX SIZE TESTED	3/4

FIRE-RESISTANCE-RATED GLAZING TESTED TO ASTM E119 IN ACCORDANCE WITH SECTION 716.2 SHALL BE PERMITTED, IN THE MAXIMUM SIZE TESTED.

CHAPTER 8 - INTERIOR FINISH

CLASSIFICATION OF OCCUPANCY (FBC TABLE 803.11 / NFPA 101)	SPRINKLERED	OCCUPANCY
EXIT STAIRWAYS, RAMPS AND EXIT PASSAGEWAY	CLASS B	EDUCATIONAL (E)
CORRIDORS, AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS	CLASS C	EDUCATIONAL (E)
ROOMS AND ENCLOSED SPACES	CLASS C	EDUCATIONAL (E)

INTERIOR WALL & CEILING FINISH REQUIREMENTS (FBC 803.1.1 / NFPA 101)

NOTE:
MOST RESTRICTIVE REQUIREMENTS SHALL BE USED FOR EACH USE ARE. PER FBC 8th ED. SECTION 803.1.1 INTERIOR WALL AND CEILING FINISH MATERIALS. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIES IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIAL SHALL BE GROUPED IN THE FOLLOWING CLASSED IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.

CLASS A: FLAME SPREAD INDEX 0-25; SMOKE DEVELOPED INDEX 0-450
CLASS B: FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450

REQUIREMENTS FROM ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSING SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE, IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEM

REQUIREMENTS	FLORIDA BUILDING CODE	NFPA / FFPC
	WHERE PROVISIONS OF THIS CODE REQ. THAT A BUILDING OR PORTION THERE OF BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THIS SECTION, SPRINKLERS SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13 EXCEPT AS PROVIDED IN SECTION 903.3.1.1.1	EACH AUTOMATIC SPRINKLER SYSTEM REQ. BY ANOTHER SECTION OF THIS CODE SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING: (1) NFPA 13 OR (2) NFPA 13D
SECTION	SECTION 906	NFPA 10, TABLE 6.2.1.1
FIRE EXTINGUISHER	LIGHT (LOW) HAZARD EDUCATIONAL	2A: 10B: C (3,000 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.
	MODERATE HAZARD STORAGE	2A: 10B: C (1,500 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.

NOTE:
1. SPECIALTY ENGINEERED FIRE SPRINKLER DESIGN SHALL BE SUBMITTED FOR REVIEW AND CONFORMANCE WITH DESIGN CRITERIA DOCUMENTS PRESENTED WITH PERMIT SUBMISSION.
2. ALL FIRE EXTINGUISHERS PROVIDED IN OCCUPIED SPACES ARE TO BE IN SEMI-RECESSED WALL MOUNTED CABINETS.
3. ALL LOCATION WHERE MOUNTED IN RATED PARTITIONS, THE ASSEMBLY SHALL MAINTAIN THE REQUIRED RATING THROUGH WALL CONSTRUCTION OR RATED CABINET ENCLOSURE. ALL BUILDINGS AND BUILDING AREAS TO BE FULLY FIRE SPRINKLER PROTECTED.

CHAPTER 9 - AUTOMATIC SPRINKLER SYSTEM

PER SECTION 903.2.3 GROUP E
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP E OCCUPANCIES AS FOLLOWS:
1. THROUGHOUT ALL GROUP E FIRE AREAS GREATER THAN 12,000 SQUARE FEET IN AREA.
2. THROUGHOUT EVERY PORTION OF EDUCATIONAL BUILDINGS BELOW THE LOWEST LEVEL OF EXIT DISCHARGE SERVING THAT PORTION OF THE BUILDING.

PER SECTION 906.1, EXCEPTION 2 GROUP E
IN GROUP E OCCUPANCIES, PORTABLE FIRE EXTINGUISHERS SHALL BE REQUIRED ONLY IN LOCATIONS SPECIFIED IN ITEMS 2 THROUGH 6 WHERE EACH CLASSROOM IS PROVIDED WITH A PORTABLE FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 2-A:20-B:C.
2. WITHIN 30 FEET (9144 MM) OF COMMERCIAL COOKING EQUIPMENT.
3. IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION, EXCEPT GROUP R-3 OCCUPANCIES, IN ACCORDANCE WITH THE FLORIDA FIRE PREVENTION CODE.
5. WHERE REQUIRED BY THE FLORIDA FIRE PREVENTION CODE.
6. SPECIAL-HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, COMPUTER ROOMS AND GENERATOR ROOMS, WHERE REQUIRED BY THE FIRE CODE OFFICIAL

CHAPTER 10 - OCCUPANT LOAD

(MAX. FLOOR SQ. FT. AREA ALLOWANCE PER OCCUPANT)

	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 1004.5	TABLE 7.3.1.2
OCCUPANCY		
ASSEMBLY - UNCONCENTRATED *	15 NET	15 NET
BUSINESS AREAS **	150 GROSS	150 GROSS
CLASSROOM AREAS	20 NET	20 NET
STORAGE GROUP ***	300 GROSS	500 GROSS

NOTE:
* CONFERENCE ROOMS
** ADMINISTRATION OFFICE, TEACHER PLANNING AND SUPPORT SPACES
*** ACCESSORY STORAGE AREAS / MECHANICAL / EQUIPMENT ROOMS PER SECT. 311.1.1 FBC

OCCUPANCY LOAD (FBC, TABLE 1004.5)

EDUCATIONAL (E)		1ST LEVEL	2ND LEVEL	TOTAL	
IBC		1,099	1,155	2,254	
SREF	STUDENTS	349	418	767	
	TEACHERS	25	19	44	812
	STAFF	0	1	1	

EXITS (FBC, TABLE 1006.2.1)

LEVEL	REQUIRED	PROVIDED
1ST LEVEL	4	4
2ND LEVEL	4	4

CHAPTER 10 - MEANS OF EGRESS SIZING

PER SECTION 1005.3.1 STAIRWAYS
MINIMUM EGRESS CAPACITY FACTOR: 0.2 INCHES PER OCCUPANT
MINIMUM WIDTH AND CAPACITY: 44" / 0.2 = 220 OCCUPANTS
MINIMUM WIDTH PROVIDED: 48" / 0.2 = 240 OCCUPANTS

1005.3.2 OTHER EGRESS COMPONENTS
MINIMUM EGRESS CAPACITY FACTOR: 0.15 INCHES PER PERSON

1010.1.1 SIZE OF DOORS
MINIMUM CLEAR OPENING WIDTH: 32" CLEAR / 0.15 - 213 OCCUPANTS
MINIMUM CLEAR WIDTH PROVIDED: 33" CLEAR / 0.15 = 220 OCCUPANTS

CHAPTER 10 - HANDRAILS AND GUARDRAILS

PER SECTION 1014 HANDRAILS AND 1015 GUARDS

1014.2 HEIGHT (HANDRAIL) | NFPA 101, SECTION 7.2.2.4.5.1
HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSING, SHALL BE UNIFORM, NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES

1014.3.1 HANDRAIL GRASPABILITY TYPE I | NFPA 101, SECTION 7.2.2.4.5.6 (1)
HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1 1/4 INCHES AND NOT GREATER THAN 2 INCHES.

1014.6 HANDRAIL EXTENSIONS | NFPA 101, SECTION 7.2.2.4.5.9 , 7.2.2.4.5.10
HANDRAILS SHALL RETURN TO A WALL. HANDRAILS SHALL EXTEND HORIZONTALLY NOT LESS THAN 12 INCHES BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER.

1014.7 HANDRAIL CLEARANCE
CLEAR SPACE BETWEEN A HANDRAIL AND A WALL OR OTHER SURFACE SHALL BE NOT LESS THAN 1 1/2 INCHES. A HANDRAIL AND A WALL OR OTHER SURFACE ADJACENT TO THE HANDRAIL SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
NFPA 101, SECTION 7.2.2.4.5.5
NEW HANDRAIL SHALL BE INSTALLED TO PROVIDE A CLEARANCE OF NOT LESS THAN 2 1/2" BETWEEN THE HANDRAIL AND THE WALL TO WHICH IT IS FASTENED.

1015.2 WHERE REQUIRED (HANDRAIL)
GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, AISLES, STAIRS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.9

1015.3 HEIGHT (GUARD) | NFPA 101, SECTION 7.2.2.4.6.2
REQUIRED GUARDS SHALL BE NOT LESS THAN 42 INCHES HIGH, MEASURED VERTICALLY AS FOLLOWS:

1. FROM THE ADJACENT WALKING SURFACES.
2. ON STAIRWAYS AND STEPPED AISLES, FROM THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSINGS.

1015.4 OPENING LIMITATIONS | NFPA 101, SECTION 7.2.2.4.6.3
REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 INCHES IN DIAMETER FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT.

TABLE 1020.3 MINIMUM CORRIDOR WIDTH

ANY FACILITIES NOT LISTED BELOW	44 INCHES
IN GROUP E WITH A CORRIDOR HAVING AN OCCUPANT LOAD OF 100 OR MORE	72 INCHES

1058 EXIT DISCHARGE
ALL REQUIRED EXISTS ARE CONTINUOUS AND DISCHARGE DIRECTLY TO THE BUILDING EXTERIOR.

PER S.R.E.F. - EXTERIOR (OPEN) CORRIDORS OR BALCONIES OF 18" OR MORE ABOVE GRADE SERVING AS REQUIRED MEANS OF EGRESS SHALL BE OPEN TO THE OUTSIDE AIR AND SHALL BE ENCLOSED ONLY BY A GUARDRAIL OR BALUSTRADE. BALCONIES SHALL HAVE GUARDRAILS OR BALUSTRADES AS FOLLOW: A) A MINIMUM OF 42" HIGH WITH BALUSTERS SPACED NOT MORE THAN 4" APART. B) A BOTTOM RAIL SHALL BE SPACED NOT MORE THAN 2" ABOVE FINISHED FLOOR.

FIRE CODE ANALYSIS

FLORIDA FIRE PREVENTION CODE 8TH EDITION 2021	LISTED IN APPLICAL CODES
TYPE OF CONSTRUCTION	II-B
TOTAL SQUARE FEET (ALL FLOORS)	64,738 S.F.
NUMBER OF STORIES/OR MEZZANINES	2
OCCUPANCY TYPE	E
FIRE RATING SEPARATION BETWEEN OCCUPANCY	N/A
STAIRWELLS ENCLOSURE FIRE RATING	1-HOUR
FIRE DAMPERS IN FIRE RATED WALLS	YES
MEANS OF EGRESS COMPONETS: DOORS: STAIRS: HANDRAILS: GUARDRAILS: RAMPS:	 SEE DRAWING A10.2 SEE DRAWING A2.11 SEE DRAWING A2.9 SEE DRAWING A2.9 NOT APPLICABLE
OCCUPANCY LOAD	CLASSROOMS = 20 NET; SHOP, LABS & VOC. RMS. = 50 NET
CAPACITY OF MEANS OF EGRESS	NFPA 101, 14.8
NUMBER OF EGRESS	(4) FOUR REQUIRED
ARRANGEMENT OF MEANS OF EGRESS	NFPA 101, 14.10
COMMON PATH	75 FT. (UNSPRINKLERED) ; 100 FT. (SPRINKLERED)
DEAD END CORRIDOR	20 FT. (UNSPRINKLERED) ; 50 FT. (SPRINKLERED)
TRAVEL DISTANCE	150 FT. MAXIMUM (UNSPRINKLERED); 200 FT. MAXIMUM (SPRINKLERED)
INTERIOR FINISH	EXIT ENCLOSURE AND EXIT PASSAGE: CLASS A OCCUPANCIES OTHER THAN EXITS: CLASS A AND B
ILLUMINATION OF MEANS OF EGRESS	NFPA 101, 14.12
EMERGENCY LIGHTING	NFPA 101, 14.13 - SEE DRAWINGS ELECTRICAL DWGS.
MARKING OF MEANS OF EGRESS	NFPA 101, 14.14
FIRE DETECTION, ALARM AND COMMUNICATIONS SYSTEM	NFPA 101, 13.7
AUTOMATIC SPRINKLERS	NFPA 101, 13.3 AND 13.3.2.7
PORTABLE FIRE EXTINGUISHERS	NFPA 101, 13.6
SMOKE DUCT DECTECTORS	NFPA 101, 13.7.1.8
EMERGENCY RADIO ENHANCEMENT	NFPA 101, 11.10 AND NFPA 1225
SUBMIT COUNTY APPROVED STAMPED CIVIL PLANS	
SUBMIT IRC UTILITIES FLOW TEST SUMMARY REPORT FOR ALL FIRE HYDRANTS WITHIN 1000FT FROM PURPOSED STRUCTURE	

FLORIDA PRODUCT APPROVAL SPECIFICATION CHART

PRODUCT	MANUFACTURER/SERIES	FLORIDA PRODUCT APPROVAL
EXTERIOR HM DOORS	CURRIES - MODEL 707	FL# 8394
EXTERIOR FRP DOORS	CORRIM - HURRICANE-RATED FRP	FL# 14311
EXTERIOR ALUM DOORS	CLINE - SERIES 100BE	FL# 6336
CURTAIN WALL SYSTEM - DOOR	YKK AP, YHC 300 0G	NOA 16554.1
CURTAIN WALL SYSTEM	YKK AP, YHC 300 0G	NOA 13433.2
STOREFRONT SYSTEM	YKK AP, YHS 50TU	NOA 14218.12
SECTIONAL DOOR	OVERHEAD DOOR CORPORTATION - MODEL 610	FL# 742.15
ROOFING SYSTEM	GARLAND ROOFING SYSTEM - SINGLE PLY	NOA 23-1011.19
SUN SHADES	SHARCHS - THRESHER TR-4RB-RT4-RCT4	
LOUVERS	HARRAY LOUVERS - E6JF AND E6WF	NOA 23-0815.26

PLUMBING FIXTURE COUNT

REQUIRED PLUMBING FIXTURES
TABULATION OF PLUMBING FIXTURES AS PER:
FLORIDA BUILDING CODE, 8th EDITION (2023) - PLUMBING

GROUP E - EDUCATIONAL OCCUPANCY
OCCUPANT LOAD BASED ON SREF OCCUPANCY

MAXIMUM DESIGNED OCCUPANTS
STUDENT 767 EDUCATIONAL
TEACHING STAFF/ADMINISTRATION 45 BUSINESS
TOTAL OCCUPANTS = 812

PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: EDUCATIONAL = 767 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		GIRLS	BOYS
WATER CLOSETS	1:50 = 8 EA.	13	13
LAVATORIES	1:50 = 8 EA.	13	13
SINGLE USER	N/A	(26) SINGLE USE ACCOUNTED FOR ABOVE	
DRINKING FOUNTAINS	1:100 = 8	(4) HI-LOW WATER FOUNTAIN	

PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: BUSINESS = 45 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		WOMEN	MEN
WATER CLOSETS	1:25 = 1 EA.	2	2
LAVATORIES	1:40 = 1 EA.	2	2
SINGLE USER	N/A	(4) SINGLE USE ACCOUNTED FOR ABOVE	
DRINKING FOUNTAINS	1:100 = 1	(4) HI-LOW WATER FOUNTAIN	

NO MORE THAN 50% OF PROVIDED AND REQUIRED NUMBER OF WATER CLOSETS ARE URINALS.

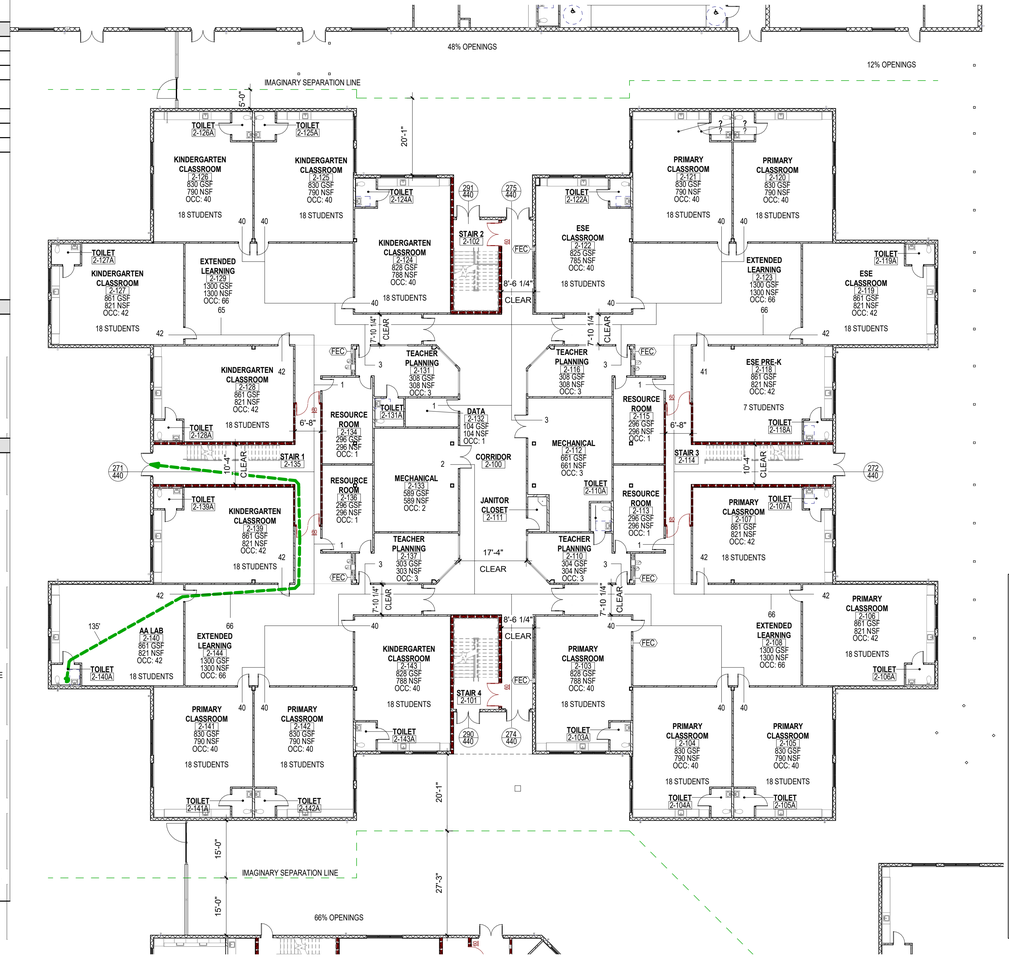
CODE PLAN LEGEND

- SMOKE PARTITION (NO RATING)
- SMOKE BARRIER (1 HOUR RATED)
- 30 MIN FIRE PARTITION
- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- 4 HOUR FIRE BARRIER
- 2 HOUR FIRE WALL
- 3 HOUR FIRE WALL
- 4 HOUR FIRE WALL
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER
- X = XX' — MAXIMUM EXIT ACCESS TRAVEL DISTANCE
- ACTUAL EGRESS LOAD 133 / EGRESS CAPACITY 360 — DOOR EGRESS CAPACITY TAG
- ACTUAL EGRESS LOAD 133 / EGRESS CAPACITY 360 — STAIR EGRESS CAPACITY TAG

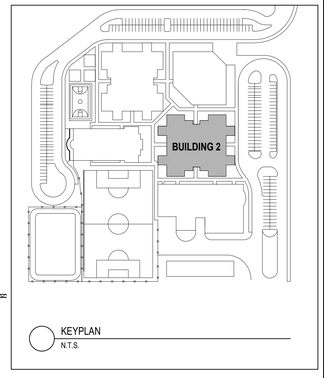
NOTE:
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS 3" FOR SINGLE DOOR, 6" FOR DOUBLE DOOR.



1 **FIRST FLOOR LIFE SAFETY PLAN - CLASSROOM 1**
1/16" = 1'-0"



CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN D. SIEGEL	AR99546
JOHN F. WYRICHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR LIFE SAFETY PLAN CLASSROOM 1 - BUILDING 2

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

LS1.3

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CODE PLAN LEGEND

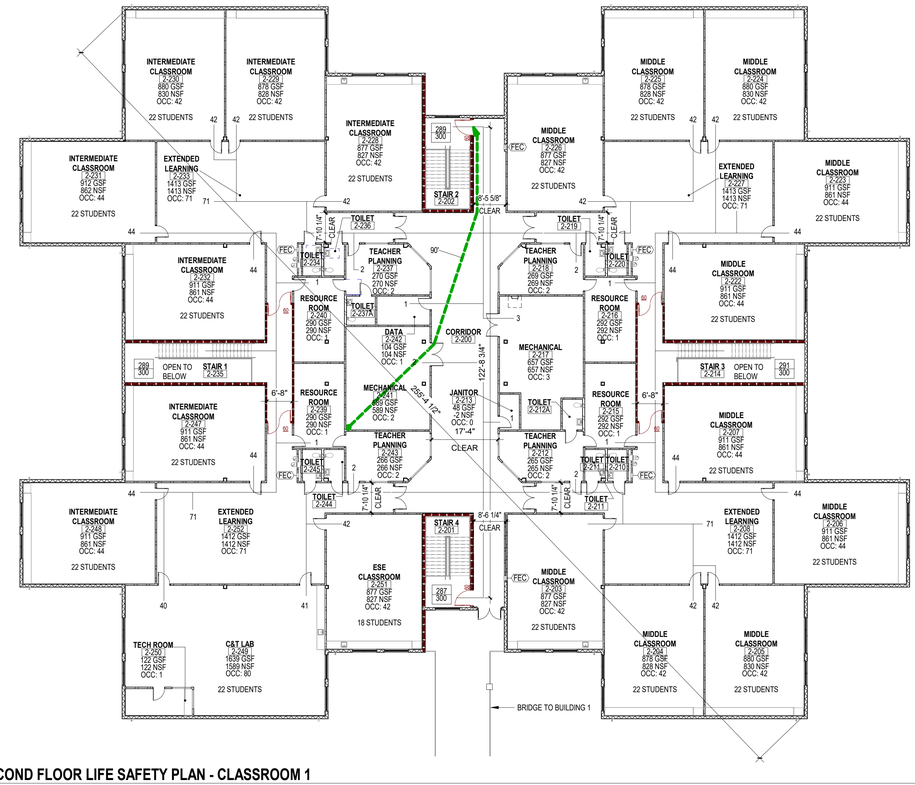
	SMOKE PARTITION (NO RATING)
	SMOKE BARRIER (1 HOUR RATED)
	30 MIN FIRE PARTITION
	1 HOUR FIRE PARTITION
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	4 HOUR FIRE BARRIER
	2 HOUR FIRE WALL
	3 HOUR FIRE WALL
	4 HOUR FIRE WALL
FEC / FE	FIRE EXTINGUISHER CABINET / FIRE EXTINGUISHER
X = XX'	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
ACTUAL EGRESS LOAD → 123 / EGRESS CAPACITY → 360	DOOR EGRESS CAPACITY TAG
ACTUAL EGRESS LOAD → 123 / EGRESS CAPACITY → 360	STAIR EGRESS CAPACITY TAG

NOTE:

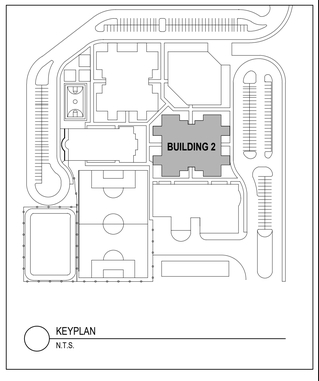
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS 3" FOR SINGLE DOOR, 6" FOR DOUBLE DOOR.



1 **SECOND FLOOR LIFE SAFETY PLAN - CLASSROOM 1**
1/16" = 1'-0"



KEYPLAN
N.T.S.

N

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

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FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

SECOND FLOOR LIFE SAFETY PLAN CLASSROOM 1 - BUILDING 2

COMMISSION NUMBER:

26K014

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DRAWING NUMBER:

LS1.4

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DRAWN BY:SLB CHECKED BY:Checker

SCOPE OF WORK

THE SCHOOL CAMPUS CONSISTS OF AN ADMINISTRATION/COMMON EDUCATION CORE FACILITY BUILDING, TWO (2) CLASSROOM BUILDINGS, AN AUDETERIA WITH KITCHEN FACILITIES, GYMNASIUM, PLAY AREA, HARDCOURTS, AND A MULTI-PURPOSE PLAYING FIELD. OTHER AMENITIES INCLUDE A BUS LOOP, STAFF AND GUEST PARKING. A COVERED WALK EXTENDS FROM THE BUS DROP-OFF LOCATION INTO THE CAMPUS AND CONNECTS TO ALL BUILDINGS. CHILLER AND COOLING TOWER EQUIPMENT ARE INCLUDED.

EACH CLASSROOM BUILDING IS TWO (2) STORIES WITH A FLOOR AREA OF 32,369 SQ. FT. PER FLOOR, EACH BUILDING CONTAINS 64,738 SQ. FT. GROSS. THE CLASSROOM BUILDING TO THE EAST OF THE ADMIN/CORE FACILITY CONTAINS GRADES K THRU 1ST ON THE FIRST FLOOR AND THE CLASSROOM BUILDING TO THE SOUTH OF THE ADMIN CORE FACILITY CONTAINS GRADES 2 THRU 4 INCLUSIVE ON THE FIRST FLOOR. THE SECOND FLOOR AT THE EAST CLASSROOM BUILDING 2 CONTAINS GRADES 5 THRU 6 INCLUSIVE, AND THE SOUTH 2ND FLOOR CLASSROOM BUILDING 5 CONTAINS GRADES 7 THRU 8 INCLUSIVE. STUDENT AND STAFF TOILET FACILITIES ARE LOCATED ON EACH FLOOR WITHIN EACH SCHOOL GRADE POD. LABORATORIES, ESE CLASSROOMS, SCIENCE DEMONSTRATION CLASSROOMS, SKILLS LABS, ETC. ARE DISPERSED WITHIN BOTH THE COMMON CORE FACILITY AND CLASSROOM BUILDINGS.

APPLICABLE CODES

	CODE	YEAR	AUTHORITY
BUILDING	FLORIDA BUILDING CODE	8th ED. (2023)	BUILDING OFFICIAL
ACCESSIBILITY	FLORIDA BUILDING CODE, ACCESSIBILITY	8th ED. (2023)	BUILDING OFFICIAL
FIRE PREVENTION	FLORIDA FIRE PREVENTION CODE NFPA 1 - FIRE CODE - FL EDITION NFPA 101 - LIFE SAFETY - FL EDITION	8th ED. 2021 2021	BLDG/ FIRE OFFICIAL
LIFE SAFETY	NFPA 1 FIRE CODE NFPA 10 STD. FOR PORTABLE FIRE EXT. NFPA 11 STD. FOR L-, M-, & H-EXPANSION FOAM NFPA 13 STD. FOR SPRINKLER SYSTEMS NFPA 14 STD. FOR STANDPIPE/HOSE NFPA 20 STD. FOR STATIONARY PUMPS NFPA 54 NATIONAL FUEL GAS CODE NFPA 70 NATIONAL ELECTRIC CODE NFPA 72 NATIONAL FIRE ALARM/SIGNAL CODE NFPA 90A STD. FOR AIR COND./VENT SYSTEM NFPA 101 LIFE SAFETY CODE NFPA 110 STD. EMERGENCY/STAND-BY POWER	2021 2018 2016 2019 2019 2019 2021 2020 2019 2021 2021 2019	BLDG/ FIRE OFFICIAL
ENERGY	FLORIDA BUILDING CODE, ENERGY	8th ED. (2023)	BUILDING OFFICIAL
ELECTRICAL	FLORIDA BUILDING CODE, ELECTRICAL NFPA 70 NATIONAL ELECTRICAL CODE	8th ED. (2023) 2020	BUILDING OFFICIAL
MECHANICAL	FLORIDA BUILDING CODE, MECHANICAL	8th ED. (2023)	BUILDING OFFICIAL
PLUMBING	FLORIDA BUILDING CODE, PLUMBING	8th ED. (2023)	BUILDING OFFICIAL
FUEL GAS	FLORIDA BUILDING CODE, FUEL GAS	8th ED. (2023)	BUILDING OFFICIAL
FL - SREF	STATE REQ. FOR EDUCATION FACILITES	2014	BUILDING OFFICIAL
ZONING	NOT APPLICABLE	-	-
SUSTAINABILITY	GREEN GLOBES	-	-

NOTE: THE FACILITY DESIGN IS BASED ON THE CODE AT THE TIME OF PERMIT SUBMISSION.

CODE REVIEW - BUILDING 3

FLORIDA BUILDING CODE 8th EDITION (2023)

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

305.1 OCCUPANCY CLASSIFICATION — GROUP E

CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS

453 STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES - ALL SECTIONS

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3 ALLOWABLE BUILDING HEIGHT — 75 FEET
ACTUAL BUILDING HEIGHT — 25'-4" FEET

TABLE 504.4 ALLOWABLE NUMBER OF STORIES — 3
ACTUAL NUMBER OF STORIES — 1

TABLE 506.2 ALLOWABLE BUILDING AREA / FLOOR — 58,000 S.F.
ACTUAL BUILDING AREA / FLOOR — **32,674 S.F.**

TOTAL BUILDING AREA

1st FLOOR = 32,674 S.F.
TOTAL BUILDING AREA = 32,674 S.F.

REQUIRED FIRE RATED SEPARATION OF OCCUPANCIES

CODE	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 508.4	TABLE 6.1.14.4.1(a)
OCCUPANCY	EDUCATIONAL **	EDUCATIONAL **

NOTE:
1 HOUR RATED REDUCTION AS BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH FFPC TABLE 6.1.14.1(a) MIN. FIRE RESISTANCE RATING.

** SUPPORT SPACES (SUCH AS MEDIA CENTER, ADMINISTRATION OFFICES) WITHIN EDUCATIONAL SPACES SHALL NOT BE CONSIDERED SEPARATE OCCUPANCIES (AS PER FBC 2023 CHAPTER 3 & SECTION 453, FFPC / NFPA 1 CHAPTER 6 AND CHAPTER 10, NFPA 101 / LS CODE CHAPTER 6 AND CHAPTER 14).

INCIDENTAL USES (TABLE 509)

BOILER ROOM

FLAMMABLE STORAGE

SPECIAL PROVISIONS N/A

CHAPTER 6 - TYPES OF CONSTRUCTION

NEW CONSTRUCTION TYPE — II-B
1 STORY BUILDING
FULLY SPRINKLERED

		FBC 8th ED, TABLE 601 II B	NFPA 101, TBL A.8.2.1.2 II 000
BUILDING ELEMENT		REQ'D RATING (HRS)	REQ'D RATING (HRS)
PRIMARY STRUCTURAL FRAME		0	0
BEARING WALLS	EXTERIOR	0	0
	INTERIOR	0	0
NON BEARING WALLS	EXTERIOR (TABLE 602)	0	0
	INTERIOR	0	0
FLOOR CONSTRUCTION		0	0
ROOF CONSTRUCTION		0	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION

TABLE 705.8
MAX. AREA OF EXTERIOR WALL OPENING BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION - UNPROTECTED, SPRINKLERED

15' TO LESS THAN 20'	75%
10' TO LESS THAN 15'	45%
5' TO LESS THAN 10'	25%
0' TO LESS THAN 3'	NOT PERMITTED

CHAPTER 7 - OPENING PROTECTION

716.5.3 DOOR ASSEMBLIES IN CORRIDORS AND SMOKE BARRIERS.
FIRE DOOR ASSEMBLIES REQUIRED TO HAVE A MINIMUM FIRE PROTECTION RATING OF 20 MINUTES WHERE LOCATED IN CORRIDOR WALLS OR SMOKE BARRIER WALLS HAVING A FIRE-RESISTANCE RATING IN ACCORDANCE WITH TABLE 716.5 SHALL BE TESTED IN ACCORDANCE WITH NFPA 252 OR UL 10C WITHOUT THE HOSE STREAM TEST.

716.5.3.3 GLAZING IN DOOR ASSEMBLIES.
IN A 20-MINUTE FIRE DOOR ASSEMBLY, THE GLAZING MATERIAL IN THE DOOR ITSELF SHALL HAVE A MINIMUM FIRE PROTECTION RATED GLAZING OF 20 MINUTES AND SHALL BE EXEMPT FROM THE HOSE STREAM TEST. GLAZING MATERIAL IN ANY OTHER PART OF THE DOOR ASSEMBLY, INCLUDING TRANSOM LIGHTS AND SIDELIGHTS, SHALL BE TESTED IN ACCORDANCE WITH NFPA 257 OR UL 9, INCLUDING THE HOSE STREAM TEST, IN ACCORDANCE WITH SECTION 716.6.

TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING	MINIMUM FIRE DOOR ASSEMBLY RATING	DOOR VISION PANEL SIZE	FIRE-RATED GLAZING MARK DOOR VISION PANEL
FIRE BARRIER ENCLOSURES FOR SHAFTS, EXIT ACCESS STAIRWAYS, AND EXIT PASSAGEWAY WALLS	1 HOUR	1 HOUR	100 SQ. IN.	<100 SQ. IN. = D-H-60 >100 SQ. IN. = D-H-T-W-60
OTHER FIRE BARRIERS	1 HOUR	3/4 HOUR	MAX SIZE TESTED	3/4

FIRE-RESISTANCE-RATED GLAZING TESTED TO ASTM E119 IN ACCORDANCE WITH SECTION 716.2 SHALL BE PERMITTED, IN THE MAXIMUM SIZE TESTED.

CHAPTER 8 - INTERIOR FINISH

CLASSIFICATION OF OCCUPANCY *(FBC TABLE 803.11 / NFPA 101)*	SPRINKLERED	OCCUPANCY
EXIT STAIRWAYS, RAMPS AND EXIT PASSAGEWAY	CLASS B	EDUCATIONAL (E)
CORRIDORS, AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS	CLASS C	EDUCATIONAL (E)
ROOMS AND ENCLOSED SPACES	CLASS C	EDUCATIONAL (E)

INTERIOR WALL & CEILING FINISH REQUIREMENTS (FBC 803.1.1 / NFPA 101)

NOTE:
MOST RESTRICTIVE REQUIREMENTS SHALL BE USED FOR EACH USE ARE, PER FBC 8th ED. SECTION 803.1.1 INTERIOR WALL AND CEILING FINISH MATERIALS. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIES IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIAL SHALL BE GROUPED IN THE FOLLOWING CLASSED IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.

CLASS A: FLAME SPREAD INDEX 0-25; SMOKE DEVELOPED INDEX 0-450
CLASS B: FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450

REQUIREMENTS FROM ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSING SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE. IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEM

REQUIREMENTS	FLORIDA BUILDING CODE	NFPA / FFPC
	WHERE PROVISIONS OF THIS CODE REQ. THAT A BUILDING OR PORTION THERE OF BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THIS SECTION, SPRINKLERS SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13 EXCEPT AS PROVIDED IN SECTION 903.3.1.1.1	EACH AUTOMATIC SPRINKLER SYSTEM REQ. BY ANOTHER SECTION OF THIS CODE SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING: (1) NFPA 13 OR (2) NFPA 13D
SECTION	SECTION 906	NFPA 10, TABLE 6.2.1.1
FIRE EXTINGUISHER	LIGHT (LOW) HAZARD EDUCATIONAL	2A: 10B: C (3,000 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.
	MODERATE HAZARD STORAGE	2A: 10B: C (1,500 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.

NOTE:
1. SPECIALTY ENGINEERED FIRE SPRINKLER DESIGN SHALL BE SUBMITTED FOR REVIEW AND CONFORMANCE WITH DESIGN CRITERIA DOCUMENTS PRESENTED WITH PERMIT SUBMISSION.
2. ALL FIRE EXTINGUISHERS PROVIDED IN OCCUPIED SPACES ARE TO BE IN SEMI-RECESSED WALL MOUNTED CABINETS.
3. ALL LOCATION WHERE MOUNTED IN RATED PARTITIONS, THE ASSEMBLY SHALL MAINTAIN THE REQUIRED RATING THROUGH WALL CONSTRUCTION OR RATED CABINET ENCLOSURE. ALL BUILDINGS AND BUILDING AREAS TO BE FULLY FIRE SPRINKLER PROTECTED.

CHAPTER 9 - AUTOMATIC SPRINKLER SYSTEM

PER SECTION 903.2.3 GROUP E
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP E OCCUPANCIES AS FOLLOWS:
1. THROUGHOUT ALL GROUP E FIRE AREAS GREATER THAN 12,000 SQUARE FEET IN AREA.
2. THROUGHOUT EVERY PORTION OF EDUCATIONAL BUILDINGS BELOW THE LOWEST LEVEL OF EXIT DISCHARGE SERVING THAT PORTION OF THE BUILDING.

PER SECTION 906.1, EXCEPTION 2 GROUP E
IN GROUP E OCCUPANCIES. PORTABLE FIRE EXTINGUISHERS SHALL BE REQUIRED ONLY IN LOCATIONS SPECIFIED IN ITEMS 2 THROUGH 6 WHERE EACH CLASSROOM IS PROVIDED WITH A PORTABLE FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 2-A:20-B:C.
2. WITHIN 30 FEET (9144 MM) OF COMMERCIAL COOKING EQUIPMENT.
3. IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION, EXCEPT GROUP R-3 OCCUPANCIES, IN ACCORDANCE WITH THE FLORIDA FIRE PREVENTION CODE.
5. WHERE REQUIRED BY THE FLORIDA FIRE PREVENTION CODE.
6. SPECIAL-HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, COMPUTER ROOMS AND GENERATOR ROOMS, WHERE REQUIRED BY THE FIRE CODE OFFICIAL

CHAPTER 10 - OCCUPANT LOAD

(MAX. FLOOR SQ. FT. AREA ALLOWANCE PER OCCUPANT)

	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 1004.5	TABLE 7.3.1.2
OCCUPANCY		
ASSEMBLY - CONCENTRATED *	15 NET	15 NET
BUSINESS AREAS **	150 GROSS	150 GROSS
CLASSROOM AREAS	20 NET	20 NET
STORAGE GROUP ***	300 GROSS	500 GROSS

NOTE:
* CONFERENCE ROOMS
** ADMINISTRATION OFFICE, TEACHER PLANNING AND SUPPORT SPACES
*** ACCESSORY STORAGE AREAS / MECHANICAL / EQUIPMENT ROOMS PER SECT. 311.1.1 FBC

OCCUPANCY LOAD *(FBC, TABLE 1004.5)*			EXITS *(FBC, TABLE 1006.2.1)*		
EDUCATIONAL (E)	1ST LEVEL	*TOTAL*	LEVEL	REQUIRED	PROVIDED
IBC	973	973	1ST LEVEL	4	7
SREF STUDENTS	71	94			
TEACHERS	3				
STAFF	20				

CHAPTER 10 - MEANS OF EGRESS SIZING

PER SECTION 1005.3.1 STAIRWAYS
MINIMUM EGRESS CAPACITY FACTOR: 0.2 INCHES PER OCCUPANT
MINIMUM WIDTH AND CAPACITY: 44" / 0.2 = 220 OCCUPANTS
MINIMUM WIDTH PROVIDED: 48" / 0.2 = 240 OCCUPANTS

1005.3.2 OTHER EGRESS COMPONENTS
MINIMUM EGRESS CAPACITY FACTOR: 0.15 INCHES PER PERSON

1010.1.1 SIZE OF DOORS
MINIMUM CLEAR OPENING WIDTH: 32" CLEAR / 0.15 - 213 OCCUPANTS
MINIMUM CLEAR WIDTH PROVIDED: 33" CLEAR / 0.15 = 220 OCCUPANTS

CHAPTER 10 - HANDRAILS AND GUARDRAILS

PER SECTION 1014 HANDRAILS AND 1015 GUARDS

1014.2 HEIGHT (HANDRAIL) | NFPA 101, SECTION 7.2.2.4.5.1
HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSING, SHALL BE UNIFORM, NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES.

1014.3.1 HANDRAIL GRASPABILITY TYPE I | NFPA 101, SECTION 7.2.2.4.5.6 (1)
HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1 1/4 INCHES AND NOT GREATER THAN 2 INCHES.

1014.6 HANDRAIL EXTENSIONS | NFPA 101, SECTION 7.2.2.4.5.9 , 7.2.2.4.5.10
HANDRAILS SHALL RETURN TO A WALL. HANDRAILS SHALL EXTEND HORIZONTALLY NOT LESS THAN 12 INCHES BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER.

1014.7 HANDRAIL CLEARANCE
CLEAR SPACE BETWEEN A HANDRAIL AND A WALL OR OTHER SURFACE SHALL BE NOT LESS THAN 1 1/2 INCHES. A HANDRAIL AND A WALL OR OTHER SURFACE ADJACENT TO THE HANDRAIL SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
NFPA 101, SECTION 7.2.2.4.5.5
NEW HANDRAIL SHALL BE INSTALLED TO PROVIDE A CLEARANCE OF NOT LESS THAN 2 1/2" BETWEEN THE HANDRAIL AND THE WALL TO WHICH IT IS FASTENED.

1015.2 WHERE REQUIRED (HANDRAIL)
GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, AISLES, STAIRS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.9

1015.3 HEIGHT (GUARD) | NFPA 101, SECTION 7.2.2.4.6.2
REQUIRED GUARDS SHALL BE NOT LESS THAN 42 INCHES HIGH, MEASURED VERTICALLY AS FOLLOWS:

1. FROM THE ADJACENT WALKING SURFACES.
2. ON STAIRWAYS AND STEPPED AISLES, FROM THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSINGS.

1015.4 OPENING LIMITATIONS | NFPA 101, SECTION 7.2.2.4.6.3
REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 INCHES IN DIAMETER FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT.

TABLE 1020.3 MINIMUM CORRIDOR WIDTH

ANY FACILITIES NOT LISTED BELOW	44 INCHES
IN GROUP E WITH A CORRIDOR HAVING AN OCCUPANT LOAD OF 100 OR MORE	72 INCHES

1058 EXIT DISCHARGE
ALL REQUIRED EXISTS ARE CONTINUOUS AND DISCHARGE DIRECTLY TO THE BUILDING EXTERIOR.

PER S.R.E.F. - EXTERIOR (OPEN) CORRIDORS OR BALCONIES OF 18" OR MORE ABOVE GRADE SERVING AS REQUIRED MEANS OF EGRESS SHALL BE OPEN TO THE OUTSIDE AIR AND SHALL BE ENCLOSED ONLY BY A GUARDRAIL OR BALUSTRADE. BALCONIES SHALL HAVE GUARDRAILS OR BALUSTRADES AS FOLLOW: A) A MINIMUM OF 42" HIGH WITH BALUSTERS SPACED NOT MORE THAN 4" APART. B) A BOTTOM RAIL SHALL BE SPACED NOT MORE THAN 2" ABOVE FINISHED FLOOR.

FIRE CODE ANALYSIS

FLORIDA FIRE PREVENTION CODE 8TH EDITION 2021	LISTED IN APPLICAL CODES
TYPE OF CONSTRUCTION	II-B
TOTAL SQUARE FEET	32,674 S.F.
NUMBER OF STORIES/OR MEZZANINES	2
OCCUPANCY TYPE	E
FIRE RATING SEPARATION BETWEEN OCCUPANCY	N/A
STAIRWELLS ENCLOSURE FIRE RATING	1-HOUR
FIRE DAMPERS IN FIRE RATED WALLS	YES
MEANS OF EGRESS COMPONETS: DOORS: STAIRS: HANDRAILS: GUARDRAILS: RAMPS:	 SEE DRAWING A10.3 SEE DRAWING A2.12 SEE DRAWING A2.9 SEE DRAWING A2.9 NOT APPLICABLE
OCCUPANCY LOAD	CLASSROOMS = 20 NET; SHOP, LABS & VOC. RMS. = 50 NET
CAPACITY OF MEANS OF EGRESS	NFPA 101, 14.8
NUMBER OF EGRESS	(4) FOUR REQUIRED
ARRANGEMENT OF MEANS OF EGRESS	NFPA 101, 14.10
COMMON PATH	75 FT. (UNSPRINKLERED) ; 100 FT. (SPRINKLERED)
DEAD END CORRIDOR	20 FT. (UNSPRINKLERED) ; 50 FT. (SPRINKLERED)
TRAVEL DISTANCE	150 FT. MAXIMUM (UNSPRINKLERED); 200 FT. MAXIMUM (SPRINKLERED)
INTERIOR FINISH	EXIT ENCLOSURE AND EXIT PASSAGE: CLASS A OCCUPANCIES OTHER THAN EXITS: CLASS A AND B
ILLUMINATION OF MEANS OF EGRESS	NFPA 101, 14.12.
EMERGENCY LIGHTING	NFPA 101, 14.13 - SEE DRAWINGS ELECTRICAL DWGS.
MARKING OF MEANS OF EGRESS	NFPA 101, 14.14
FIRE DETECTION, ALARM AND COMMUNICATIONS SYSTEM	NFPA 101, 13.7
AUTOMATIC SPRINKLERS	NFPA 101, 13.3 AND 13.3.2.7
PORTABLE FIRE EXTINGUISHERS	NFPA 101, 13.6
SMOKE DUCT DECTECTORS	NFPA 101, 13.7.1.8
EMERGENCY RADIO ENHANCEMENT	NFPA 101, 11.10 AND NFPA 1225
SUBMIT COUNTY APPROVED STAMPED CIVIL PLANS	
SUBMIT IRC UTILITIES FLOW TEST SUMMARY REPORT FOR ALL FIRE HYDRANTS WITHIN 1000FT FROM PURPOSED STRUCTURE	

FLORIDA PRODUCT APPROVAL SPECIFICATION CHART

PRODUCT	MANUFACTURER/SERIES	FLORIDA PRODUCT APPROVAL
EXTERIOR HM DOORS	CURRIES - MODEL 707	FL# 8394
EXTERIOR FRP DOORS	CORRIM - HURRICANE-RATED FRP	FL# 14311
EXTERIOR ALUM DOORS	CLINE - SERIES 100BE	FL# 6336
CURTAIN WALL SYSTEM - DOOR	YKK AP, YHC 300 0G	NOA 16554.1
CURTAIN WALL SYSTEM	YKK AP, YHC 300 0G	NOA 13433.2
STOREFRONT SYSTEM	YKK AP, YHS 50TU	NOA 14218.12
SECTIONAL DOOR	OVERHEAD DOOR CORPORTATION - MODEL 610	FL# 742.15
ROOFING SYSTEM	GARLAND ROOFING SYSTEM - SINGLE PLY	NOA 23-1011.19
SUN SHADES	SHARCHS - THRESHER TR-4RB-RT4-RCT4	
LOUVERS	HARRAY LOUVERS - E6JF AND E6WF	NOA 23-0815.26

PLUMBING FIXTURE COUNT

REQUIRED PLUMBING FIXTURES
TABULATION OF PLUMBING FIXTURES AS PER:
FLORIDA BUILDING CODE, 8th EDITION (2023) - PLUMBING

GROUP E - EDUCATIONAL OCCUPANCY
OCCUPANT LOAD BASED ON SREF OCCUPANCY

MAXIMUM DESIGNED OCCUPANTS
STUDENT 71 EDUCATIONAL
TEACHING STAFF/ADMINISTRATION 23 BUSINESS
TOTAL OCCUPANTS = 94

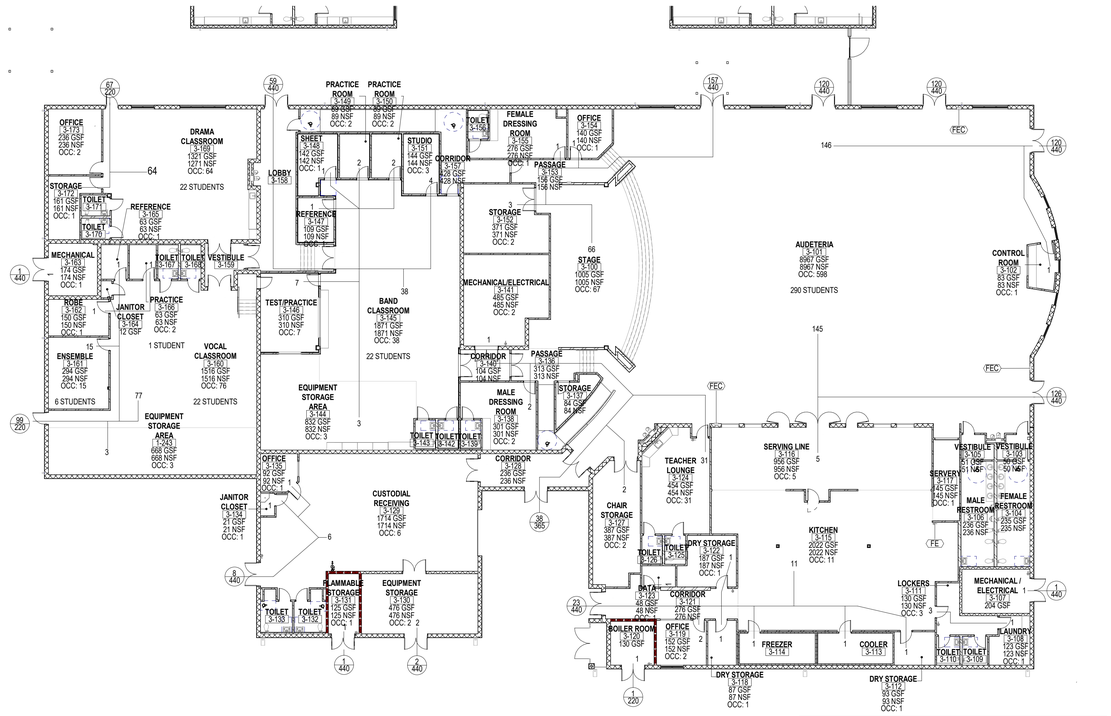
PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: EDUCATIONAL = 71 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		GIRLS	BOYS
WATER CLOSETS	1:50 = 1 EA	5	3 WC / 2 URINALS
LAVATORIES	1:50 = 1 EA	5	5
SINGLE USER	N/A	8	
DRINKING FOUNTAINS	1:100 = 1	(3) HI-LOW WATER FOUNTAIN	

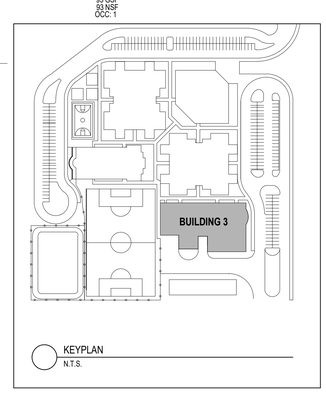
PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: BUSINESS = 23 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		WOMEN	MEN
WATER CLOSETS	1:25 = 1 EA	3	3
LAVATORIES	1:40 = 1 EA	3	3
SINGLE USER	N/A	N/A	
DRINKING FOUNTAINS	1:100 = 1	(3) HI-LOW WATER FOUNTAIN	

NO MORE THAN 50% OF PROVIDED AND REQUIRED NUMBER OF WATER CLOSETS ARE URINALS.



1 FIRST FLOOR LIFE SAFETY PLAN - AUDETERIA
1/16" = 1'-0"



CODE PLAN LEGEND

	SMOKE PARTITION (NO RATING)
	SMOKE BARRIER (1 HOUR RATED)
	30 MIN FIRE PARTITION
	1 HOUR FIRE PARTITION
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	4 HOUR FIRE BARRIER
	2 HOUR FIRE WALL
	3 HOUR FIRE WALL
	4 HOUR FIRE WALL
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
X = XX'	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
ACTUAL EGRESS LOAD 123 / EGRESS CAPACITY 360	DOOR EGRESS CAPACITY TAG
ACTUAL EGRESS LOAD 123 / EGRESS CAPACITY 360	STAIR EGRESS CAPACITY TAG

NOTE:
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS 3" FOR SINGLE DOOR, 6" FOR DOUBLE DOOR.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN O. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

| # | REVISION NAME |

SCOPE OF WORK

THE SCHOOL CAMPUS CONSISTS OF AN ADMINISTRATION/COMMON EDUCATION CORE FACILITY BUILDING. TWO (2) CLASSROOM BUILDINGS, AN AUDETERIA WITH KITCHEN FACILITIES, GYMNASIUM, PLAY AREA, HARDCOURTS, AND A MULTI-PURPOSE PLAYING FIELD. OTHER AMENITIES INCLUDE A BUS LOOP, STAFF AND GUEST PARKING. A COVERED WALK EXTENDS FROM THE BUS DROP-OFF LOCATION INTO THE CAMPUS AND CONNECTS TO ALL BUILDINGS. CHILLER AND COOLING TOWER EQUIPMENT ARE INCLUDED.

EACH CLASSROOM BUILDING IS TWO (2) STORIES WITH A FLOOR AREA OF 32,369 SQ. FT. PER FLOOR, EACH BUILDING CONTAINS 64,738 SQ. FT. GROSS. THE CLASSROOM BUILDING TO THE EAST OF THE ADMIN/CORE FACILITY CONTAINS GRADES K THRU 1ST ON THE FIRST FLOOR AND THE CLASSROOM BUILDING TO THE SOUTH OF THE ADMIN CORE FACILITY CONTAINS GRADES 2 THRU 4 INCLUSIVE ON THE FIRST FLOOR. THE SECOND FLOOR AT THE EAST CLASSROOM BUILDING 2 CONTAINS GRADES 5 THRU 6 INCLUSIVE, AND THE SOUTH 2ND FLOOR CLASSROOM BUILDING 5 CONTAINS GRADES 7 THRU 8 INCLUSIVE. STUDENT AND STAFF TOILET FACILITIES ARE LOCATED ON EACH FLOOR WITHIN EACH SCHOOL GRADE POD. LABORATORIES, ESE CLASSROOMS, SCIENCE DEMONSTRATION CLASSROOMS, SKILLS LABS, ETC. ARE DISPERSED WITHIN BOTH THE COMMON CORE FACILITY AND CLASSROOM BUILDINGS.

APPLICABLE CODES

	CODE	YEAR	AUTHORITY
BUILDING	FLORIDA BUILDING CODE	8th ED. (2023)	BUILDING OFFICIAL
ACCESSIBILITY	FLORIDA BUILDING CODE, ACCESSIBILITY	8th ED. (2023)	BUILDING OFFICIAL
FIRE PREVENTION	FLORIDA FIRE PREVENTION CODE NFPA 1 - FIRE CODE - FL EDITION NFPA 101 - LIFE SAFETY - FL EDITION	8th ED. 2021 2021	BLDG/ FIRE OFFICIAL
LIFE SAFETY	NFPA 1 FIRE CODE NFPA 10 STD. FOR PORTABLE FIRE EXT. NFPA 11 STD. FOR L-, M-, & H-EXPANSION FOAM NFPA 13 STD. FOR SPRINKLER SYSTEMS NFPA 14 STD. FOR STANDPIPE/HOSE NFPA 20 STD. FOR STATIONARY PUMPS NFPA 54 NATIONAL FUEL GAS CODE NFPA 70 NATIONAL ELECTRIC CODE NFPA 72 NATIONAL FIRE ALARM/SIGNAL CODE NFPA 90A STD. FOR AIR COND./VENT SYSTEM NFPA 101 LIFE SAFETY CODE NFPA 110 STD. EMERGENCY/STAND-BY POWER	2021 2018 2016 2019 2019 2019 2021 2020 2019 2021 2021 2019	BLDG/ FIRE OFFICIAL
ENERGY	FLORIDA BUILDING CODE, ENERGY	8th ED. (2023)	BUILDING OFFICIAL
ELECTRICAL	FLORIDA BUILDING CODE, ELECTRICAL NFPA 70 NATIONAL ELECTRICAL CODE	8th ED. (2023) 2020	BUILDING OFFICIAL
MECHANICAL	FLORIDA BUILDING CODE, MECHANICAL	8th ED. (2023)	BUILDING OFFICIAL
PLUMBING	FLORIDA BUILDING CODE, PLUMBING	8th ED. (2023)	BUILDING OFFICIAL
FUEL GAS	FLORIDA BUILDING CODE, FUEL GAS	8th ED. (2023)	BUILDING OFFICIAL
FL - SREF	STATE REQ. FOR EDUCATION FACILITES	2014	BUILDING OFFICIAL
ZONING	NOT APPLICABLE	-	-
SUSTAINABILITY	GREEN GLOBES	-	-

NOTE: THE FACILITY DESIGN IS BASED ON THE CODE AT THE TIME OF PERMIT SUBMISSION.

CODE REVIEW - BUILDING 4

FLORIDA BUILDING CODE 8th EDITION (2023)

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

305.1	OCCUPANCY CLASSIFICATION	GROUP E

CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS

453	STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES - ALL SECTIONS

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3	ALLOWABLE BUILDING HEIGHT	75 FEET
	ACTUAL BUILDING HEIGHT	25 FEET
TABLE 504.4	ALLOWABLE NUMBER OF STORIES	3
	ACTUAL NUMBER OF STORIES	1
TABLE 506.2	ALLOWABLE BUILDING AREA / FLOOR	58,000 S.F.
	ACTUAL BUILDING AREA / FLOOR	**19,949 S.F.**
TOTAL BUILDING AREA		

1st FLOOR = 19,949 S.F.
TOTAL BUILDING AREA = 19,949 S.F.

REQUIRED FIRE RATED SEPARATION OF OCCUPANCIES

CODE	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 508.4	TABLE 6.1.14.4.1(a)
OCCUPANCY	EDUCATIONAL **	EDUCATIONAL **

NOTE:
1 HOUR RATED REDUCTION AS BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH FFPC TABLE 6.1.14.1(a) MIN. FIRE RESISTANCE RATING.

** SUPPORT SPACES (SUCH AS MEDIA CENTER, ADMINISTRATION OFFICES) WITHIN EDUCATIONAL SPACES SHALL NOT BE CONSIDERED SEPARATE OCCUPANCIES (AS PER FBC 2023 CHAPTER 3 & SECTION 453, FFPC / NFPA 1 CHAPTER 6 AND CHAPTER 10, NFPA 101 / LS CODE CHAPTER 6 AND CHAPTER 14).

INCIDENTAL USES (TABLE 509)

1ST LEVEL - BOILER ROOM

SPECIAL PROVISIONS N/A

CHAPTER 6 - TYPES OF CONSTRUCTION

NEW CONSTRUCTION TYPE — II-B
1 STORY BUILDING
FULLY SPRINKLERED

		FBC 8th ED, TABLE 601 II B	NFPA 101, TBL A.8.2.1.2 II 000
BUILDING ELEMENT		REQ'D RATING (HRS)	REQ'D RATING (HRS)
PRIMARY STRUCTURAL FRAME		0	0
BEARING WALLS	EXTERIOR	0	0
	INTERIOR	0	0
NON BEARING WALLS	EXTERIOR (TABLE 602)	0	0
	INTERIOR	0	0
FLOOR CONSTRUCTION		0	0
ROOF CONSTRUCTION		0	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION

TABLE 705.8
MAX. AREA OF EXTERIOR WALL OPENING BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION - UNPROTECTED, SPRINKLERED

15' TO LESS THAN 20'	75%
10' TO LESS THAN 15'	45%
5' TO LESS THAN 10'	25%
0' TO LESS THAN 3'	NOT PERMITTED

CHAPTER 7 - OPENING PROTECTION

716.5.3 DOOR ASSEMBLIES IN CORRIDORS AND SMOKE BARRIERS.
FIRE DOOR ASSEMBLIES REQUIRED TO HAVE A MINIMUM FIRE PROTECTION RATING OF 20 MINUTES WHERE LOCATED IN CORRIDOR WALLS OR SMOKE BARRIER WALLS HAVING A FIRE-RESISTANCE RATING IN ACCORDANCE WITH TABLE 716.5 SHALL BE TESTED IN ACCORDANCE WITH NFPA 252 OR UL 10C WITHOUT THE HOSE STREAM TEST.

716.5.3.2 GLAZING IN DOOR ASSEMBLIES.
IN A 20-MINUTE FIRE DOOR ASSEMBLY, THE GLAZING MATERIAL IN THE DOOR ITSELF SHALL HAVE A MINIMUM FIRE PROTECTION RATED GLAZING OF 20 MINUTES AND SHALL BE EXEMPT FROM THE HOSE STREAM TEST. GLAZING MATERIAL IN ANY OTHER PART OF THE DOOR ASSEMBLY, INCLUDING TRANSOM LIGHTS AND SIDELIGHTS, SHALL BE TESTED IN ACCORDANCE WITH NFPA 257 OR UL 9, INCLUDING THE HOSE STREAM TEST, IN ACCORDANCE WITH SECTION 716.6.

TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING	MINIMUM FIRE DOOR ASSEMBLY RATING	DOOR VISION PANEL SIZE	FIRE-RATED GLAZING MARK DOOR VISION PANEL
FIRE BARRIER ENCLOSURES FOR SHAFTS, EXIT ACCESS STAIRWAYS, AND EXIT PASSAGEWAY WALLS	1 HOUR	1 HOUR	100 SQ. IN.	<100 SQ. IN. = D-H-60 >100 SQ. IN. = D-H-T-W-60
OTHER FIRE BARRIERS	1 HOUR	3/4 HOUR	MAX SIZE TESTED	3/4

FIRE-RESISTANCE-RATED GLAZING TESTED TO ASTM E119 IN ACCORDANCE WITH SECTION 716.2 SHALL BE PERMITTED, IN THE MAXIMUM SIZE TESTED.

CHAPTER 8 - INTERIOR FINISH

CLASSIFICATION OF OCCUPANCY (FBC TABLE 803.11 / NFPA 101)	SPRINKLERED	OCCUPANCY
EXIT STAIRWAYS, RAMPS AND EXIT PASSAGEWAY	CLASS B	EDUCATIONAL (E)
CORRIDORS, AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS	CLASS C	EDUCATIONAL (E)
ROOMS AND ENCLOSED SPACES	CLASS C	EDUCATIONAL (E)

INTERIOR WALL & CEILING FINISH REQUIREMENTS (FBC 803.1.1 / NFPA 101)

NOTE:
MOST RESTRICTIVE REQUIREMENTS SHALL BE USED FOR EACH USE ARE, PER FBC 8th ED. SECTION 803.1.1 INTERIOR WALL AND CEILING FINISH MATERIALS. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIAL SHALL BE GROUPED IN THE FOLLOWING CLASSED IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.

CLASS A: FLAME SPREAD INDEX 0-25; SMOKE DEVELOPED INDEX 0-450
CLASS B: FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450

REQUIREMENTS FROM ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSING SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE, IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEM

REQUIREMENTS	FLORIDA BUILDING CODE	NFPA / FFPC
	WHERE PROVISIONS OF THIS CODE REQ. THAT A BUILDING OR PORTION THERE OF BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THIS SECTION, SPRINKLERS SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13 EXCEPT AS PROVIDED IN SECTION 903.3.1.1.1	EACH AUTOMATIC SPRINKLER SYSTEM REQ. BY ANOTHER SECTION OF THIS CODE SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING: (1) NFPA 13 OR (2) NFPA 13D
SECTION	SECTION 906	NFPA 10, TABLE 6.2.1.1
FIRE EXTINGUISHER	LIGHT (LOW) HAZARD EDUCATIONAL	2A: 10B: C (3,000 SQ. FT / UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.
	MODERATE HAZARD STORAGE	2A: 10B: C (1,500 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.

NOTE:
1. SPECIALTY ENGINEERED FIRE SPRINKLER DESIGN SHALL BE SUBMITTED FOR REVIEW AND CONFORMANCE WITH DESIGN CRITERIA DOCUMENTS PRESENTED WITH PERMIT SUBMISSION.
2. ALL FIRE EXTINGUISHERS PROVIDED IN OCCUPIED SPACES ARE TO BE IN SEMI-RECESSED WALL MOUNTED CABINETS.
3. ALL LOCATION WHERE MOUNTED IN RATED PARTITIONS, THE ASSEMBLY SHALL MAINTAIN THE REQUIRED RATING THROUGH WALL CONSTRUCTION OR RATED CABINET ENCLOSURE. ALL BUILDINGS AND BUILDING AREAS TO BE FULLY FIRE SPRINKLER PROTECTED.

CHAPTER 9 - AUTOMATIC SPRINKLER SYSTEM

PER SECTION 903.2.3 GROUP E
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP E OCCUPANCIES AS FOLLOWS:
1. THROUGHOUT ALL GROUP E FIRE AREAS GREATER THAN 12,000 SQUARE FEET IN AREA.
2. THROUGHOUT EVERY PORTION OF EDUCATIONAL BUILDINGS BELOW THE LOWEST LEVEL OF EXIT DISCHARGE SERVING THAT PORTION OF THE BUILDING.

PER SECTION 906.1, EXCEPTION 2 GROUP E
IN GROUP E OCCUPANCIES, PORTABLE FIRE EXTINGUISHERS SHALL BE REQUIRED ONLY IN LOCATIONS SPECIFIED IN ITEMS 2 THROUGH 6 WHERE EACH CLASSROOM IS PROVIDED WITH A PORTABLE FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 2-A:20-B:C.
2. WITHIN 30 FEET (9144 MM) OF COMMERCIAL COOKING EQUIPMENT.
3. IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION, EXCEPT GROUP R-3 OCCUPANCIES, IN ACCORDANCE WITH THE FLORIDA FIRE PREVENTION CODE.
5. WHERE REQUIRED BY THE FLORIDA FIRE PREVENTION CODE.
6. SPECIAL-HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, COMPUTER ROOMS AND GENERATOR ROOMS, WHERE REQUIRED BY THE FIRE CODE OFFICIAL

CHAPTER 10 - OCCUPANT LOAD

(MAX. FLOOR SQ. FT. AREA ALLOWANCE PER OCCUPANT)

	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 1004.5	TABLE 7.3.1.2
OCCUPANCY	5 NET (LOCKER ROOMS)	
ASSEMBLY - CONCENTRATED *	15 GROSS (BLEACHER SEATS & COURT)	15 NET
BUSINESS AREAS **	150 GROSS	150 GROSS
CLASSROOM AREAS	20 NET	20 NET
STORAGE GROUP ***	300 GROSS	500 GROSS

NOTE:
* CONFERENCE ROOMS
** ADMINISTRATION OFFICE, TEACHER PLANNING AND SUPPORT SPACES
*** ACCESSORY STORAGE AREAS / MECHANICAL / EQUIPMENT ROOMS PER SECT. 311.1.1 FBC

OCCUPANCY LOAD (FBC, TABLE 1004.5)				EXITS (FBC, TABLE 1006.2.1)		
EDUCATIONAL (E)		1ST LEVEL	TOTAL	LEVEL	REQUIRED	PROVIDED
IBC		851	851	1ST LEVEL	4	12
SREF	STUDENTS	340	355			
	TEACHERS	4				
	STAFF	11				

CHAPTER 10 - MEANS OF EGRESS SIZING

PER SECTION 1005.3.1 STAIRWAYS
MINIMUM EGRESS CAPACITY FACTOR: 0.2 INCHES PER OCCUPANT
MINIMUM WIDTH AND CAPACITY: 44" / 0.2 = 220 OCCUPANTS
MINIMUM WIDTH PROVIDED: 48" / 0.2 = 240 OCCUPANTS

1005.3.2 OTHER EGRESS COMPONENTS
MINIMUM EGRESS CAPACITY FACTOR: 0.15 INCHES PER PERSON

1010.1.1 SIZE OF DOORS
MINIMUM CLEAR OPENING WIDTH: 32" CLEAR / 0.15 - 213 OCCUPANTS
MINIMUM CLEAR WIDTH PROVIDED: 33" CLEAR / 0.15 = 220 OCCUPANTS

CHAPTER 10 - HANDRAILS AND GUARDRAILS

PER SECTION 1014 HANDRAILS AND 1015 GUARDS

1014.2 HEIGHT (HANDRAIL) | NFPA 101, SECTION 7.2.2.4.5.1
HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSING, SHALL BE UNIFORM, NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES.

1014.3.1 HANDRAIL GRASPABILITY TYPE I | NFPA 101, SECTION 7.2.2.4.5.6 (1)
HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1 1/4 INCHES AND NOT GREATER THAN 2 INCHES.

1014.6 HANDRAIL EXTENSIONS | NFPA 101, SECTION 7.2.2.4.5.9 , 7.2.2.4.5.10
HANDRAILS SHALL RETURN TO A WALL. HANDRAILS SHALL EXTEND HORIZONTALLY NOT LESS THAN 12 INCHES BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER.

1014.7 HANDRAIL CLEARANCE
CLEAR SPACE BETWEEN A HANDRAIL AND A WALL OR OTHER SURFACE SHALL BE NOT LESS THAN 1 1/2 INCHES. A HANDRAIL AND A WALL OR OTHER SURFACE ADJACENT TO THE HANDRAIL SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
NFPA 101, SECTION 7.2.2.4.5.5
NEW HANDRAIL SHALL BE INSTALLED TO PROVIDE A CLEARANCE OF NOT LESS THAN 2 1/2" BETWEEN THE HANDRAIL AND THE WALL TO WHICH IT IS FASTENED.

1015.2 WHERE REQUIRED (HANDRAIL)
GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, AISLES, STAIRS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.9

1015.3 HEIGHT (GUARD) | NFPA 101, SECTION 7.2.2.4.6.2
REQUIRED GUARDS SHALL BE NOT LESS THAN 42 INCHES HIGH, MEASURED VERTICALLY AS FOLLOWS:

1. FROM THE ADJACENT WALKING SURFACES.
2. ON STAIRWAYS AND STEPPED AISLES, FROM THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSINGS.

1015.4 OPENING LIMITATIONS | NFPA 101, SECTION 7.2.2.4.6.3
REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 INCHES IN DIAMETER FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT.

TABLE 1020.3 MINIMUM CORRIDOR WIDTH

ANY FACILITIES NOT LISTED BELOW	44 INCHES
IN GROUP E WITH A CORRIDOR HAVING AN OCCUPANT LOAD OF 100 OR MORE	72 INCHES

1058 EXIT DISCHARGE
ALL REQUIRED EXISTS ARE CONTINUOUS AND DISCHARGE DIRECTLY TO THE BUILDING EXTERIOR.

PER S.R.E.F. - EXTERIOR (OPEN) CORRIDORS OR BALCONIES OF 18" OR MORE ABOVE GRADE SERVING AS REQUIRED MEANS OF EGRESS SHALL BE OPEN TO THE OUTSIDE AIR AND SHALL BE ENCLOSED ONLY BY A GUARDRAIL OR BALUSTRADE. BALCONIES SHALL HAVE GUARDRAILS OR BALUSTRADES AS FOLLOW: A) A MINIMUM OF 42" HIGH WITH BALUSTERS SPACED NOT MORE THAN 4" APART. B) A BOTTOM RAIL SHALL BE SPACED NOT MORE THAN 2" ABOVE FINISHED FLOOR.

FIRE CODE ANALYSIS

FLORIDA FIRE PREVENTION CODE 8TH EDITION 2021	LISTED IN APPLICAL CODES
TYPE OF CONSTRUCTION	II-B
TOTAL SQUARE FEET	19,949 S.F.
NUMBER OF STORIES/OR MEZZANINES	(1) MEZZANINE
OCCUPANCY TYPE	E
FIRE RATING SEPARATION BETWEEN OCCUPANCY	N/A
STAIRWELLS ENCLOSURE FIRE RATING	N/A
FIRE DAMPERS IN FIRE RATED WALLS	YES
MEANS OF EGRESS COMPONETS: DOORS: STAIRS: HANDRAILS: GUARDRAILS: RAMPS:	SEE DRAWING A10.3 NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE
OCCUPANCY LOAD	CLASSROOMS = 20 NET; SHOP, LABS & VOC. RMS. = 50 NET
CAPACITY OF MEANS OF EGRESS	NFPA 101, 14.8
NUMBER OF EGRESS	(4) FOUR REQUIRED
ARRANGEMENT OF MEANS OF EGRESS	NFPA 101, 14.10
COMMON PATH	75 FT. (UNSPRINKLERED) ; 100 FT. (SPRINKLERED)
DEAD END CORRIDOR	20 FT. (UNSPRINKLERED) ; 50 FT. (SPRINKLERED)
TRAVEL DISTANCE	150 FT. MAXIMUM (UNSPRINKLERED); 200 FT. MAXIMUM (SPRINKLERED)
INTERIOR FINISH	EXIT ENCLOSURE AND EXIT PASSAGE: CLASS A OCCUPANCIES OTHER THAN EXITS: CLASS A AND B
ILLUMINATION OF MEANS OF EGRESS	NFPA 101, 14.12
EMERGENCY LIGHTING	NFPA 101, 14.13 - SEE DRAWINGS ELECTRICAL DWGS.
MARKING OF MEANS OF EGRESS	NFPA 101, 14.14
FIRE DETECTION, ALARM AND COMMUNICATIONS SYSTEM	NFPA 101, 13.7
AUTOMATIC SPRINKLERS	NFPA 101, 13.3 AND 13.3.2.7
PORTABLE FIRE EXTINGUISHERS	NFPA 101, 13.6
SMOKE DUCT DECTECTORS	NFPA 101, 13.7.1.8
EMERGENCY RADIO ENHANCEMENT	NFPA 101, 11.10 AND NFPA 1225
SUBMIT COUNTY APPROVED STAMPED CIVIL PLANS	
SUBMIT IRC UTILITIES FLOW TEST SUMMARY REPORT FOR ALL FIRE HYDRANTS WITHIN 1000FT FROM PURPOSED STRUCTURE	

FLORIDA PRODUCT APPROVAL SPECIFICATION CHART

PRODUCT	MANUFACTURER/SERIES	FLORIDA PRODUCT APPROVAL
EXTERIOR HM DOORS	CURRIES - MODEL 707	FL# 8394
EXTERIOR FRP DOORS	CORRIM - HURRICANE-RATED FRP	FL# 14311
EXTERIOR ALUM DOORS	CLINE - SERIES 100BE	FL# 6336
CURTAIN WALL SYSTEM - DOOR	YKK AP, YHC 300 0G	NOA 16554.1
CURTAIN WALL SYSTEM	YKK AP, YHC 300 0G	NOA 13433.2
STOREFRONT SYSTEM	YKK AP, YHS 50TU	NOA 14218.12
SECTIONAL DOOR	OVERHEAD DOOR CORPORTATION - MODEL 610	FL# 742.15
ROOFING SYSTEM	GARLAND ROOFING SYSTEM - SINGLE PLY	NOA 23-1011.19
SUN SHADES	SHARCHS - THRESHER TR-4RB-RT4-RCT4	
LOUVERS	HARRAY LOUVERS - E6JF AND E6WF	NOA 23-0815.26

PLUMBING FIXTURE COUNT

REQUIRED PLUMBING FIXTURES
TABULATION OF PLUMBING FIXTURES AS PER:
FLORIDA BUILDING CODE, 8th EDITION (2023) - PLUMBING

GROUP E - EDUCATIONAL OCCUPANCY
OCCUPANT LOAD BASED ON SREF OCCUPANCY

MAXIMUM DESIGNED OCCUPANTS
STUDENT 340 EDUCATIONAL
TEACHING STAFF/ADMINISTRATION 15 BUSINESS
TOTAL OCCUPANTS = 355

PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: EDUCATIONAL = 340 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		GIRLS	BOYS
WATER CLOSETS	1:50 = 3 EA.	12	5 WC / 4 URINALS
LAVATORIES	1:50 = 3 EA.	8	7
SINGLE USER	N/A	2	
DRINKING FOUNTAINS	1:100 = 3	(4) HI-LOW WATER FOUNTAIN	

PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: BUSINESS = 15 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		WOMEN	MEN
WATER CLOSETS	1:25 = 1 EA.	1	1
LAVATORIES	1:40 = 1 EA.	1	1
SINGLE USER	N/A	(2) ACCOUNTED FOR ABOVE	
DRINKING FOUNTAINS	1:100 = 1	(4) HI-LOW WATER FOUNTAIN	

NO MORE THAN 50% OF PROVIDED AND REQUIRED NUMBER OF WATER CLOSETS ARE URINALS.

CODE PLAN LEGEND

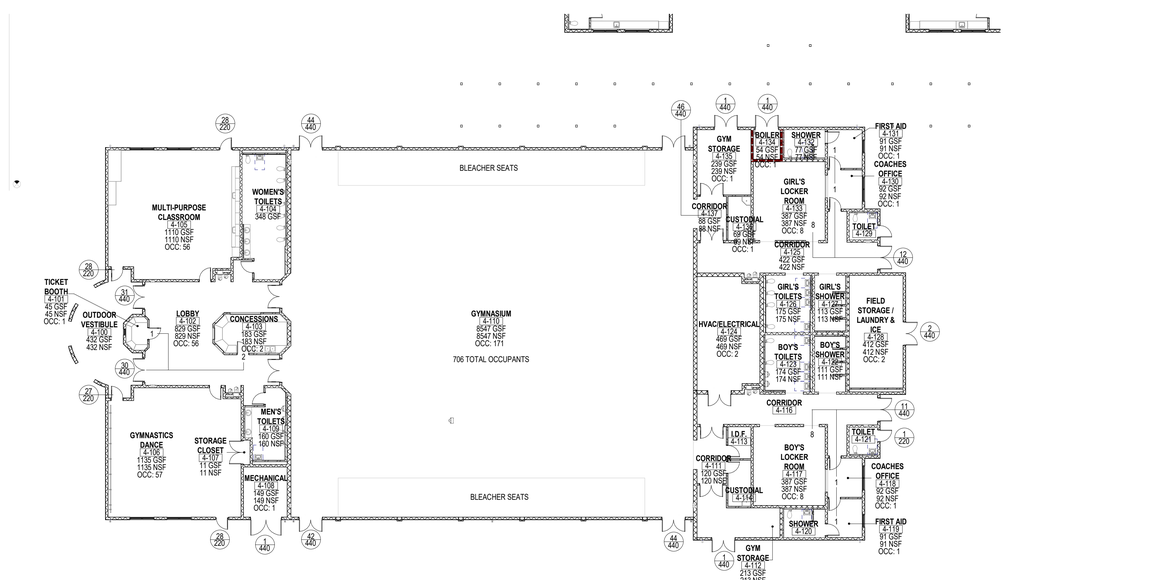
	SMOKE PARTITION (NO RATING)
	SMOKE BARRIER (1 HOUR RATED)
	30 MIN FIRE PARTITION
	1 HOUR FIRE PARTITION
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	4 HOUR FIRE BARRIER
	2 HOUR FIRE WALL
	3 HOUR FIRE WALL
	4 HOUR FIRE WALL
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
X = XX'	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
ACTUAL EGRESS LOAD 123 EGRESS CAPACITY 360	DOOR EGRESS CAPACITY TAG
ACTUAL EGRESS LOAD 123 EGRESS CAPACITY 360	STAIR EGRESS CAPACITY TAG

NOTE:

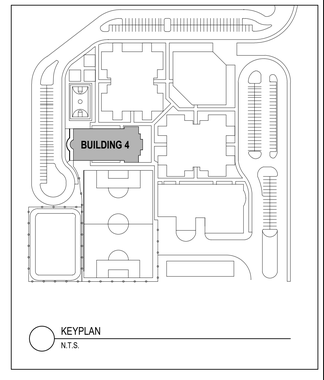
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS 3" FOR SINGLE DOOR, 6" FOR DOUBLE DOOR.



1 **FIRST FLOOR LIFE SAFETY PLAN - GYMNASIUM**
1/16" = 1'-0"



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY CONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WYRICHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE
4		

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR LIFE SAFETY PLAN GYMNASIUM - BUILDING 4

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

LS1.6

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

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SCOPE OF WORK

THE SCHOOL CAMPUS CONSISTS OF AN ADMINISTRATION/COMMON EDUCATION CORE FACILITY BUILDING. TWO (2) CLASSROOM BUILDINGS, AN AUDETERIA WITH KITCHEN FACILITIES, GYMNASIUM, PLAY AREA, HARDCOURTS, AND A MULTI-PURPOSE PLAYING FIELD. OTHER AMENITIES INCLUDE A BUS LOOP, STAFF AND GUEST PARKING, A COVERED WALK EXTENDS FROM THE BUS DROP-OFF LOCATION INTO THE CAMPUS AND CONNECTS TO ALL BUILDINGS. CHILLER AND COOLING TOWER EQUIPMENT ARE INCLUDED.

EACH CLASSROOM BUILDING IS TWO (2) STORIES WITH A FLOOR AREA OF 32,369 SQ. FT. PER FLOOR, EACH BUILDING CONTAINS 64,738 SQ. FT. GROSS. THE CLASSROOM BUILDING TO THE EAST OF THE ADMIN/CORE FACILITY CONTAINS GRADES K THRU 1ST ON THE FIRST FLOOR AND THE CLASSROOM BUILDING TO THE SOUTH OF THE ADMIN CORE FACILITY CONTAINS GRADES 2 THRU 4 INCLUSIVE ON THE FIRST FLOOR. THE SECOND FLOOR AT THE EAST CLASSROOM BUILDING 2 CONTAINS GRADES 5 THRU 6 INCLUSIVE, AND THE SOUTH 2ND FLOOR CLASSROOM BUILDING 5 CONTAINS GRADES 7 THRU 8 INCLUSIVE. STUDENT AND STAFF TOILET FACILITIES ARE LOCATED ON EACH FLOOR WITHIN EACH SCHOOL GRADE POD. LABORATORIES, ESE CLASSROOMS, SCIENCE. DEMONSTRATION CLASSROOMS, SKILLS LABS, ETC. ARE DISPERSED WITHIN BOTH THE COMMON CORE FACILITY AND CLASSROOM BUILDINGS.

APPLICABLE CODES

	CODE	YEAR	AUTHORITY
BUILDING	FLORIDA BUILDING CODE	8th ED. (2023)	BUILDING OFFICIAL
ACCESSIBILITY	FLORIDA BUILDING CODE, ACCESSIBILITY	8th ED. (2023)	BUILDING OFFICIAL
FIRE PREVENTION	FLORIDA FIRE PREVENTION CODE NFPA 1 - FIRE CODE - FL EDITION NFPA 101 - LIFE SAFETY - FL EDITION	8th ED. 2021 2021	BLDG/ FIRE OFFICIAL
LIFE SAFETY	NFPA 1 FIRE CODE NFPA 10 STD. FOR PORTABLE FIRE EXT. NFPA 11 STD. FOR L-, M-, & HI-EXPANSION FOAM NFPA 13 STD. FOR SPRINKLER SYSTEMS NFPA 14 STD. FOR STANDPIPE/HOSE NFPA 20 STD. FOR STATIONARY PUMPS NFPA 54 NATIONAL FUEL GAS CODE NFPA 70 NATIONAL ELECTRIC CODE NFPA 72 NATIONAL FIRE ALARM/SIGNAL CODE NFPA 90A STD. FOR AIR COND./VENT SYSTEM NFPA 101 LIFE SAFETY CODE NFPA 110 STD. EMERGENCY/STAND-BY POWER	2021 2018 2016 2019 2019 2019 2021 2020 2019 2021 2021 2019	BLDG/ FIRE OFFICIAL
ENERGY	FLORIDA BUILDING CODE, ENERGY	8th ED. (2023)	BUILDING OFFICIAL
ELECTRICAL	FLORIDA BUILDING CODE, ELECTRICAL NFPA 70 NATIONAL ELECTRICAL CODE	8th ED. (2023) 2020	BUILDING OFFICIAL
MECHANICAL	FLORIDA BUILDING CODE, MECHANICAL	8th ED. (2023)	BUILDING OFFICIAL
PLUMBING	FLORIDA BUILDING CODE, PLUMBING	8th ED. (2023)	BUILDING OFFICIAL
FUEL GAS	FLORIDA BUILDING CODE, FUEL GAS	8th ED. (2023)	BUILDING OFFICIAL
FL - SREF	STATE REQ. FOR EDUCATION FACILITES	2014	BUILDING OFFICIAL
ZONING	NOT APPLICABLE	-	-
SUSTAINABILITY	GREEN GLOBES	-	-

NOTE: THE FACILITY DESIGN IS BASED ON THE CODE AT THE TIME OF PERMIT SUBMISSION.

CODE REVIEW - BUILDING 5

FLORIDA BUILDING CODE 8th EDITION (2023)

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

305.1 OCCUPANCY CLASSIFICATION — GROUP E

CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS

453 STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES - ALL SECTIONS

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3 ALLOWABLE BUILDING HEIGHT — 75 FEET
ACTUAL BUILDING HEIGHT — 30 FEET

TABLE 504.4 ALLOWABLE NUMBER OF STORIES — 3
ACTUAL NUMBER OF STORIES — 2

TABLE 506.2 ALLOWABLE BUILDING AREA / FLOOR — 43,500 S.F.
ACTUAL BUILDING AREA / FLOOR — **32,369 S.F.**

TOTAL BUILDING AREA

1st FLOOR = 32,369 S.F.
2nd FLOOR = 32,369 S.F.
TOTAL BUILDING AREA = 64,738 S.F.

REQUIRED FIRE RATED SEPARATION OF OCCUPANCIES

CODE	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 508.4	TABLE 6.1.14.4.1(a)
OCCUPANCY	EDUCATIONAL **	EDUCATIONAL **

NOTE:
1 HOUR RATED REDUCTION AS BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH FFPC TABLE 6.1.14.1(a) MIN. FIRE RESISTANCE RATING.

** SUPPORT SPACES (SUCH AS MEDIA CENTER, ADMINISTRATION OFFICES) WITHIN EDUCATIONAL SPACES SHALL NOT BE CONSIDERED SEPARATE OCCUPANCIES (AS PER FBC 2023 CHAPTER 3 & SECTION 453, FFPC / NFPA 1 CHAPTER 6 AND CHAPTER 10, NFPA 101 / LS CODE CHAPTER 6 AND CHAPTER 14).

INCIDENTAL USES (TABLE 509)

N/A

N/A

SPECIAL PROVISIONS N/A

CHAPTER 6 - TYPES OF CONSTRUCTION

NEW CONSTRUCTION TYPE — II-B
2 STORY BUILDING
FULLY SPRINKLERED

		FBC 8th ED, TABLE 601 II B	NFPA 101, TBL A.8.2.1.2 II 000
BUILDING ELEMENT		REQ'D RATING (HRS)	REQ'D RATING (HRS)
PRIMARY STRUCTURAL FRAME		0	0
BEARING WALLS	EXTERIOR	0	0
	INTERIOR	0	0
NON BEARING WALLS	EXTERIOR (TABLE 602)	0	0
	INTERIOR	0	0
FLOOR CONSTRUCTION		0	0
ROOF CONSTRUCTION		0	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION

TABLE 705.8
MAX. AREA OF EXTERIOR WALL OPENING BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION - UNPROTECTED, SPRINKLERED

15' TO LESS THAN 20'	75%
10' TO LESS THAN 15'	45%
5' TO LESS THAN 10'	25%
0' TO LESS THAN 3'	NOT PERMITTED

CHAPTER 7 - OPENING PROTECTION

716.5.3 DOOR ASSEMBLIES IN CORRIDORS AND SMOKE BARRIERS.
FIRE DOOR ASSEMBLIES REQUIRED TO HAVE A MINIMUM FIRE PROTECTION RATING OF 20 MINUTES WHERE LOCATED IN CORRIDOR WALLS OR SMOKE BARRIER WALLS HAVING A FIRE-RESISTANCE RATING IN ACCORDANCE WITH TABLE 716.5 SHALL BE TESTED IN ACCORDANCE WITH NFPA 252 OR UL 10C WITHOUT THE HOSE STREAM TEST.

716.5.3.2 GLAZING IN DOOR ASSEMBLIES.
IN A 20-MINUTE FIRE DOOR ASSEMBLY, THE GLAZING MATERIAL IN THE DOOR ITSELF SHALL HAVE A MINIMUM FIRE PROTECTION RATED GLAZING OF 20 MINUTES AND SHALL BE EXEMPT FROM THE HOSE STREAM TEST. GLAZING MATERIAL IN ANY OTHER PART OF THE DOOR ASSEMBLY, INCLUDING TRANSOM LIGHTS AND SIDELIGHTS, SHALL BE TESTED IN ACCORDANCE WITH NFPA 257 OR UL 9, INCLUDING THE HOSE STREAM TEST, IN ACCORDANCE WITH SECTION 716.6.

TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING	MINIMUM FIRE DOOR ASSEMBLY RATING	DOOR VISION PANEL SIZE	FIRE-RATED GLAZING MARK DOOR VISION PANEL
FIRE BARRIER ENCLOSURES FOR SHAFTS, EXIT ACCESS STAIRWAYS, AND EXIT PASSAGEWAY WALLS	1 HOUR	1 HOUR	100 SQ. IN.	<100 SQ. IN. = D-H-60 >100 SQ. IN. = D-H-T-W-60
OTHER FIRE BARRIERS	1 HOUR	3/4 HOUR	MAX SIZE TESTED	3/4

FIRE-RESISTANCE-RATED GLAZING TESTED TO ASTM E119 IN ACCORDANCE WITH SECTION 716.2 SHALL BE PERMITTED, IN THE MAXIMUM SIZE TESTED.

CHAPTER 8 - INTERIOR FINISH

CLASSIFICATION OF OCCUPANCY (FBC TABLE 803.11 / NFPA 101)	SPRINKLERED	OCCUPANCY
EXIT STAIRWAYS, RAMPS AND EXIT PASSAGEWAY	CLASS B	EDUCATIONAL (E)
CORRIDORS, AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS & RAMPS	CLASS C	EDUCATIONAL (E)
ROOMS AND ENCLOSED SPACES	CLASS C	EDUCATIONAL (E)

INTERIOR WALL & CEILING FINISH REQUIREMENTS (FBC 803.1.1 / NFPA 101)

NOTE:
MOST RESTRICTIVE REQUIREMENTS SHALL BE USED FOR EACH USE ARE, PER FBC 8th ED. SECTION 803.1.1 INTERIOR WALL AND CEILING FINISH MATERIALS. INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIES IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIAL SHALL BE GROUPED IN THE FOLLOWING CLASSED IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.

CLASS A: FLAME SPREAD INDEX 0-25; SMOKE DEVELOPED INDEX 0-450
CLASS B: FLAME SPREAD INDEX 26-75; SMOKE DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD INDEX 76-200; SMOKE DEVELOPED INDEX 0-450

REQUIREMENTS FROM ROOMS AND ENCLOSED SPACES SHALL BE BASED UPON SPACES ENCLOSED BY PARTITIONS. WHERE A FIRE-RESISTANCE RATING IS REQUIRED FOR STRUCTURAL ELEMENTS, THE ENCLOSING PARTITIONS SHALL EXTEND FROM THE FLOOR TO THE CEILING. PARTITIONS THAT DO NOT COMPLY WITH THIS SHALL BE CONSIDERED ENCLOSING SPACES AND THE ROOMS OR SPACES ON BOTH SIDES SHALL BE CONSIDERED ONE, IN DETERMINING THE APPLICABLE REQUIREMENTS FOR ROOMS AND ENCLOSED SPACES, THE SPECIFIC OCCUPANCY THEREOF SHALL BE THE GOVERNING FACTOR REGARDLESS OF THE GROUP CLASSIFICATION OF THE BUILDING OR STRUCTURE.

CHAPTER 9 - FIRE PROTECTION SYSTEM

REQUIREMENTS	FLORIDA BUILDING CODE	NFPA / FFPC
	WHERE PROVISIONS OF THIS CODE REQ. THAT A BUILDING OR PORTION THERE OF BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THIS SECTION, SPRINKLERS SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13 EXCEPT AS PROVIDED IN SECTION 903.3.1.1.1	EACH AUTOMATIC SPRINKLER SYSTEM REQ. BY ANOTHER SECTION OF THIS CODE SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING: (1) NFPA 13 OR (2) NFPA 13D
SECTION	SECTION 906	NFPA 10, TABLE 6.2.1.1
FIRE EXTINGUISHER	LIGHT (LOW) HAZARD EDUCATIONAL	2A: 10B: C (3,000 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.
	MODERATE HAZARD STORAGE	2A: 10B: C (1,500 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.

NOTE:
1. SPECIALTY ENGINEERED FIRE SPRINKLER DESIGN SHALL BE SUBMITTED FOR REVIEW AND CONFORMANCE WITH DESIGN CRITERIA DOCUMENTS PRESENTED WITH PERMIT SUBMISSION.
2. ALL FIRE EXTINGUISHERS PROVIDED IN OCCUPIED SPACES ARE TO BE IN SEMI-RECESSED WALL MOUNTED CABINETS.
3. ALL LOCATION WHERE MOUNTED IN RATED PARTITIONS, THE ASSEMBLY SHALL MAINTAIN THE REQUIRED RATING THROUGH WALL CONSTRUCTION OR RATED CABINET ENCLOSURE. ALL BUILDINGS AND BUILDING AREAS TO BE FULLY FIRE SPRINKLER PROTECTED.

CHAPTER 9 - AUTOMATIC SPRINKLER SYSTEM

PER SECTION 903.2.3 GROUP E
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP E OCCUPANCIES AS FOLLOWS:
1. THROUGHOUT ALL GROUP E FIRE AREAS GREATER THAN 12,000 SQUARE FEET IN AREA.
2. THROUGHOUT EVERY PORTION OF EDUCATIONAL BUILDINGS BELOW THE LOWEST LEVEL OF EXIT DISCHARGE SERVING THAT PORTION OF THE BUILDING.

PER SECTION 906.1, EXCEPTION 2 GROUP E
IN GROUP E OCCUPANCIES, PORTABLE FIRE EXTINGUISHERS SHALL BE REQUIRED ONLY IN LOCATIONS SPECIFIED IN ITEMS 2 THROUGH 6 WHERE EACH CLASSROOM IS PROVIDED WITH A PORTABLE FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 2-A:20-B:C.
2. WITHIN 30 FEET (9144 MM) OF COMMERCIAL COOKING EQUIPMENT.
3. IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION, EXCEPT GROUP R-3 OCCUPANCIES, IN ACCORDANCE WITH THE FLORIDA FIRE PREVENTION CODE.
5. WHERE REQUIRED BY THE FLORIDA FIRE PREVENTION CODE.
6. SPECIAL-HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, COMPUTER ROOMS AND GENERATOR ROOMS, WHERE REQUIRED BY THE FIRE CODE OFFICIAL

CHAPTER 10 - OCCUPANT LOAD

(MAX. FLOOR SQ. FT. AREA ALLOWANCE PER OCCUPANT)

	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 1004.5	TABLE 7.3.1.2
OCCUPANCY		
ASSEMBLY - UNCONCENTRATED *	15 NET	15 NET
BUSINESS AREAS **	150 GROSS	150 GROSS
CLASSROOM AREAS	20 NET	20 NET
STORAGE GROUP ***	300 GROSS	500 GROSS

NOTE:
* CONFERENCE ROOMS
** ADMINISTRATION OFFICE, TEACHER PLANNING AND SUPPORT SPACES
*** ACCESSORY STORAGE AREAS / MECHANICAL / EQUIPMENT ROOMS PER SECT. 311.1.1 FBC

OCCUPANCY LOAD (FBC, TABLE 1004.5)					EXITS (FBC, TABLE 1006.2.1)		
EDUCATIONAL (E)	1ST LEVEL	2ND LEVEL	TOTAL		LEVEL	REQUIRED	PROVIDED
IBC	1,082	1,160	2,254		1ST LEVEL	4	4
SREF STUDENTS	360	440	800		2ND LEVEL	4	4
TEACHERS	20	20	40	840			
STAFF	0	0	0				

CHAPTER 10 - MEANS OF EGRESS SIZING

PER SECTION 1005.3.1 STAIRWAYS
MINIMUM EGRESS CAPACITY FACTOR: 0.2 INCHES PER OCCUPANT
MINIMUM WIDTH AND CAPACITY: 44" / 0.2 = 220 OCCUPANTS
MINIMUM WIDTH PROVIDED: 48" / 0.2 = 240 OCCUPANTS

1005.3.2 OTHER EGRESS COMPONENTS
MINIMUM EGRESS CAPACITY FACTOR: 0.15 INCHES PER PERSON

1010.1.1 SIZE OF DOORS
MINIMUM CLEAR OPENING WIDTH: 32" CLEAR / 0.15 - 213 OCCUPANTS
MINIMUM CLEAR WIDTH PROVIDED: 33" CLEAR / 0.15 = 220 OCCUPANTS

CHAPTER 10 - HANDRAILS AND GUARDRAILS

PER SECTION 1014 HANDRAILS AND 1015 GUARDS

1014.2 HEIGHT (HANDRAIL) | NFPA 101, SECTION 7.2.2.4.5.1
HANDRAIL HEIGHT, MEASURED ABOVE STAIR TREAD NOSING, SHALL BE UNIFORM, NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES.

1014.3.1 HANDRAIL GRASPABILITY TYPE I | NFPA 101, SECTION 7.2.2.4.5.6 (1)
HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1 1/4 INCHES AND NOT GREATER THAN 2 INCHES.

1014.6 HANDRAIL EXTENSIONS | NFPA 101, SECTION 7.2.2.4.5.9 , 7.2.2.4.5.10
HANDRAILS SHALL RETURN TO A WALL. HANDRAILS SHALL EXTEND HORIZONTALLY NOT LESS THAN 12 INCHES BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER.

1014.7 HANDRAIL CLEARANCE
CLEAR SPACE BETWEEN A HANDRAIL AND A WALL OR OTHER SURFACE SHALL BE NOT LESS THAN 1 1/2 INCHES. A HANDRAIL AND A WALL OR OTHER SURFACE ADJACENT TO THE HANDRAIL SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
NFPA 101, SECTION 7.2.2.4.5.5
NEW HANDRAIL SHALL BE INSTALLED TO PROVIDE A CLEARANCE OF NOT LESS THAN 2 1/2" BETWEEN THE HANDRAIL AND THE WALL TO WHICH IT IS FASTENED.

1015.2 WHERE REQUIRED (HANDRAIL)
GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, AISLES, STAIRS AND LANDINGS THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE IN STRENGTH AND ATTACHMENT IN ACCORDANCE WITH SECTION 1607.9

1015.3 HEIGHT (GUARD) | NFPA 101, SECTION 7.2.2.4.6.2
REQUIRED GUARDS SHALL BE NOT LESS THAN 42 INCHES HIGH, MEASURED VERTICALLY AS FOLLOWS:

1. FROM THE ADJACENT WALKING SURFACES.
2. ON STAIRWAYS AND STEPPED AISLES, FROM THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSINGS.

1015.4 OPENING LIMITATIONS | NFPA 101, SECTION 7.2.2.4.6.3
REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 INCHES IN DIAMETER FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT.

TABLE 1020.3 MINIMUM CORRIDOR WIDTH
ANY FACILITIES NOT LISTED BELOW — 44 INCHES
IN GROUP E WITH A CORRIDOR HAVING AN OCCUPANT LOAD OF 100 OR MORE — 72 INCHES

1058 EXIT DISCHARGE
ALL REQUIRED EXISTS ARE CONTINUOUS AND DISCHARGE DIRECTLY TO THE BUILDING EXTERIOR.

PER S.R.E.F. - EXTERIOR (OPEN) CORRIDORS OR BALCONIES OF 18" OR MORE ABOVE GRADE SERVING AS REQUIRED MEANS OF EGRESS SHALL BE OPEN TO THE OUTSIDE AIR AND SHALL BE ENCLOSED ONLY BY A GUARDRAIL OR BALUSTRADE. BALCONIES SHALL HAVE GUARDRAILS OR BALUSTRADES AS FOLLOW: A) A MINIMUM OF 42" HIGH WITH BALUSTERS SPACED NOT MORE THAN 4" APART. B) A BOTTOM RAIL SHALL BE SPACED NOT MORE THAN 2" ABOVE FINISHED FLOOR.

FIRE CODE ANALYSIS

FLORIDA FIRE PREVENTION CODE 8TH EDITION 2021	LISTED IN APPLICAL CODES
TYPE OF CONSTRUCTION	II-B
TOTAL SQUARE FEET	64,738 S.F.
NUMBER OF STORIES/OR MEZZANINES	2
OCCUPANCY TYPE	E
FIRE RATING SEPARATION BETWEEN OCCUPANCY	N/A
STAIRWELLS ENCLOSURE FIRE RATING	1-HOUR
FIRE DAMPERS IN FIRE RATED WALLS	YES
MEANS OF EGRESS COMPONETS: DOORS: STAIRS: HANDRAILS: GUARDRAILS: RAMPS:	 SEE DRAWING A10.2 SEE DRAWING A2.11 SEE DRAWING A2.9 SEE DRAWING A2.9 NOT APPLICABLE
OCCUPANCY LOAD	CLASSROOMS = 20 NET; SHOP, LABS & VOC. RMS. = 50 NET
CAPACITY OF MEANS OF EGRESS	NFPA 101, 14.8
NUMBER OF EGRESS	(4) FOUR REQUIRED
ARRANGEMENT OF MEANS OF EGRESS	NFPA 101, 14.10
COMMON PATH	75 FT. (UNSPRINKLERED) ; 100 FT. (SPRINKLERED)
DEAD END CORRIDOR	20 FT. (UNSPRINKLERED) ; 50 FT. (SPRINKLERED)
TRAVEL DISTANCE	150 FT. MAXIMUM (UNSPRINKLERED); 200 FT. MAXIMUM (SPRINKLERED)
INTERIOR FINISH	EXIT ENCLOSURE AND EXIT PASSAGE: CLASS A OCCUPANCIES OTHER THAN EXITS: CLASS A AND B
ILLUMINATION OF MEANS OF EGRESS	NFPA 101, 14.12
EMERGENCY LIGHTING	NFPA 101, 14.13 - SEE DRAWINGS ELECTRICAL DWGS.
MARKING OF MEANS OF EGRESS	NFPA 101, 14.14
FIRE DETECTION, ALARM AND COMMUNICATIONS SYSTEM	NFPA 101, 13.7
AUTOMATIC SPRINKLERS	NFPA 101, 13.3 AND 13.3.2.7
PORTABLE FIRE EXTINGUISHERS	NFPA 101, 13.6
SMOKE DUCT DECTECTORS	NFPA 101, 13.7.1.8
EMERGENCY RADIO ENHANCEMENT	NFPA 101, 11.10 AND NFPA 1225
SUBMIT COUNTY APPROVED STAMPED CIVIL PLANS	
SUBMIT IRC UTILITIES FLOW TEST SUMMARY REPORT FOR ALL FIRE HYDRANTS WITHIN 1000FT FROM PURPOSED STRUCTURE	

FLORIDA PRODUCT APPROVAL SPECIFICATION CHART

PRODUCT	MANUFACTURER/SERIES	FLORIDA PRODUCT APPROVAL
EXTERIOR HM DOORS	CURRIES - MODEL 707	FL# 8394
EXTERIOR FRP DOORS	CORRIM - HURRICANE-RATED FRP	FL# 14311
EXTERIOR ALUM DOORS	CLINE - SERIES 100BE	FL# 6336
CURTAIN WALL SYSTEM - DOOR	YKK AP, YHC 300 0G	NOA 16554.1
CURTAIN WALL SYSTEM	YKK AP, YHC 300 0G	NOA 13433.2
STOREFRONT SYSTEM	YKK AP, YHS 50TU	NOA 14218.12
SECTIONAL DOOR	OVERHEAD DOOR CORPORTATION - MODEL 610	FL# 742.15
ROOFING SYSTEM	GARLAND ROOFING SYSTEM - SINGLE PLY	NOA 23-1011.19
SUN SHADES	SHARCHS - THRESHER TR-4RB-RT4-RCT4	
LOUVERS	HARRAY LOUVERS - E6JF AND E6WF	NOA 23-0815.26

PLUMBING FIXTURE COUNT

REQUIRED PLUMBING FIXTURES
TABULATION OF PLUMBING FIXTURES AS PER:
FLORIDA BUILDING CODE, 8th EDITION (2023) - PLUMBING

GROUP E - EDUCATIONAL OCCUPANCY
OCCUPANT LOAD BASED ON SREF OCCUPANCY

MAXIMUM DESIGNED OCCUPANTS
STUDENT 800 EDUCATIONAL
TEACHING STAFF/ADMINISTRATION 40 BUSINESS
TOTAL OCCUPANTS = 840

PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: EDUCATIONAL = 800 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		GIRLS	BOYS
WATER CLOSETS	1:50 = 8 EA.	14	14
LAVATORIES	1:50 = 8 EA.	14	14
SINGLE USER	N/A	(28) SINGLE USE ACCOUNTED FOR ABOVE	
DRINKING FOUNTAINS	1:100 = 8	(4) HI-LOW WATER FOUNTAIN	

PER TABLE 403.1 MIN. NUMBER OF REQUIRED PLUMBING FIXTURES
SREF OCCUPANCY: BUSINESS = 40 OCCUPANTS

PLUMBING FIXTURE	REQUIRED	PROVIDED	
		WOMEN	MEN
WATER CLOSETS	1:25 = 2 EA.	2	2
LAVATORIES	1:40 = 2 EA.	2	2
SINGLE USER	N/A	(4) SINGLE USE ACCOUNTED FOR ABOVE	
DRINKING FOUNTAINS	1:100 = 1	(4) HI-LOW WATER FOUNTAIN	

NO MORE THAN 50% OF PROVIDED AND REQUIRED NUMBER OF WATER CLOSETS ARE URINALS.

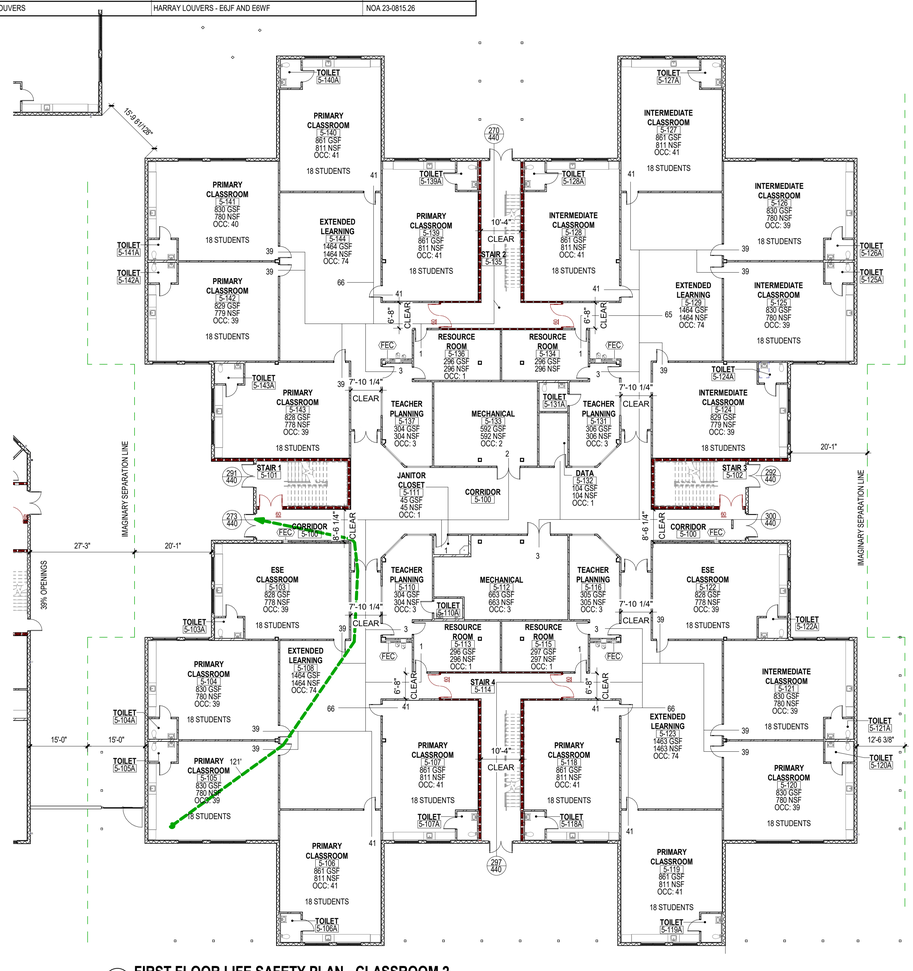
CODE PLAN LEGEND

- SMOKE PARTITION (NO RATING)
- SMOKE BARRIER (1 HOUR RATED)
- 30 MIN FIRE PARTITION
- 1 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- 4 HOUR FIRE BARRIER
- 2 HOUR FIRE WALL
- 3 HOUR FIRE WALL
- 4 HOUR FIRE WALL
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER
- X = XX' — MAXIMUM EXIT ACCESS TRAVEL DISTANCE
- ACTUAL EGRESS LOAD 133 / EGRESS CAPACITY 360 — DOOR EGRESS CAPACITY TAG
- ACTUAL EGRESS LOAD 133 / EGRESS CAPACITY 360 — STAIR EGRESS CAPACITY TAG

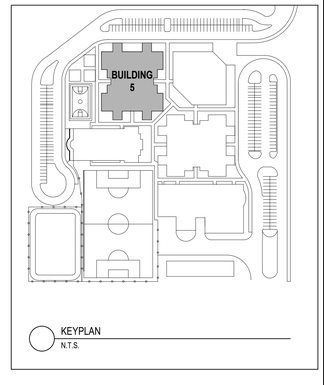
NOTE:
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS 3" FOR SINGLE DOOR, 6" FOR DOUBLE DOOR.



2 FIRST FLOOR LIFE SAFETY PLAN - CLASSROOM 2
1/16" = 1'-0"



CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN D. SIEGEL	AR99546
JOHN F. WYRICHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE
4		

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR LIFE SAFETY PLAN CLASSROOM 2 - BUILDING 5

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

LS1.7

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

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CODE PLAN LEGEND

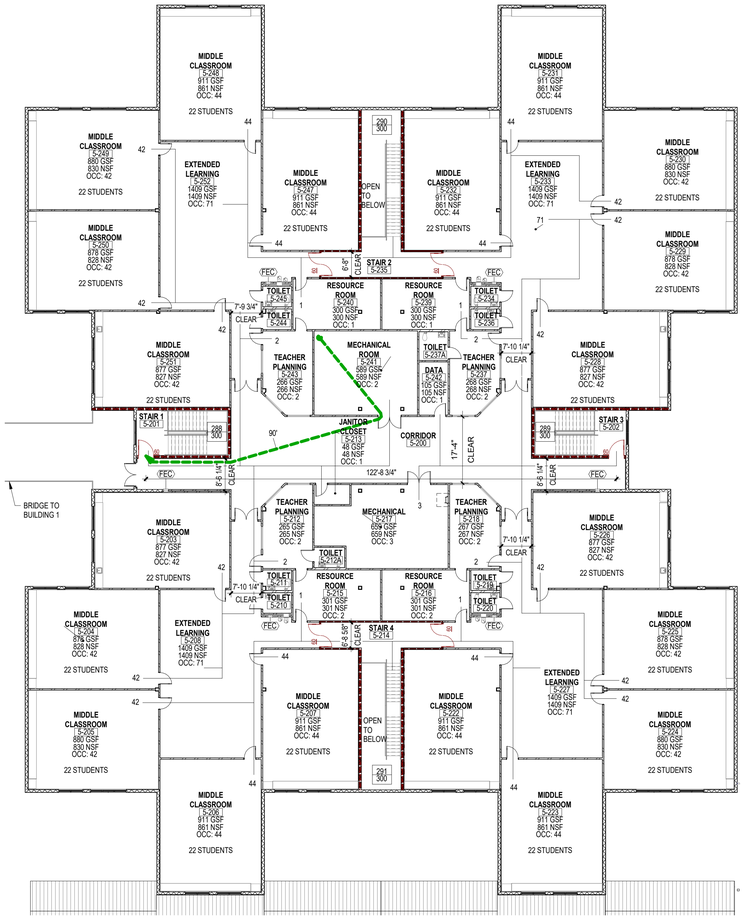
	SMOKE PARTITION (NO RATING)
	SMOKE BARRIER (1 HOUR RATED)
	30 MIN FIRE PARTITION
	1 HOUR FIRE PARTITION
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	4 HOUR FIRE BARRIER
	2 HOUR FIRE WALL
	3 HOUR FIRE WALL
	4 HOUR FIRE WALL
FEC / FE	FIRE EXTINGUISHER CABINET
	FIRE EXTINGUISHER
X = XX"	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
ACTUAL EGRESS LOAD 123 / EGRESS CAPACITY 360	DOOR EGRESS CAPACITY TAG
ACTUAL EGRESS LOAD 123 / EGRESS CAPACITY 360	STAIR EGRESS CAPACITY TAG

NOTE:

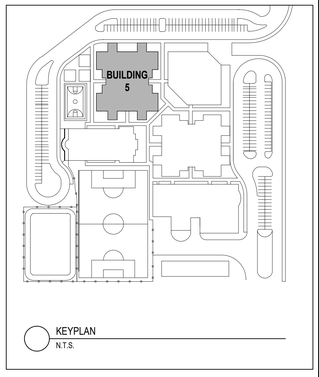
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS 3" FOR SINGLE DOOR, 6" FOR DOUBLE DOOR.



1 **SECOND FLOOR LIFE SAFETY PLAN - CLASSROOM 2**
1/16" = 1'-0"



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
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FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

SECOND FLOOR LIFE SAFETY PLAN CLASSROOM 2 - BUILDING 5

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

LS1.8

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

3"= 1'-0" 1 1/2"= 1'-0" 1"= 1'-0" 3/4"= 1'-0" 1/2"=1'-0" 1/4"=1'-0" 1/8"=1'-0" 1/16"=1'-0"

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SCOPE OF WORK

THE SCHOOL CAMPUS CONSISTS OF AN ADMINISTRATION/COMMON EDUCATION CORE FACILITY BUILDING. TWO (2) CLASSROOM BUILDINGS, AN AUDETERIA WITH KITCHEN FACILITIES, GYMNASIUM, PLAY AREA, HARDCOURTS, AND A MULTI-PURPOSE PLAYING FIELD. OTHER AMENITIES INCLUDE A BUS LOOP, STAFF AND GUEST PARKING. A COVERED WALK EXTENDS FROM THE BUS DROP-OFF LOCATION INTO THE CAMPUS AND CONNECTS TO ALL BUILDINGS. CHILLER AND COOLING TOWER EQUIPMENT ARE INCLUDED.

EACH CLASSROOM BUILDING IS TWO (2) STORIES WITH A FLOOR AREA OF 32,369 SQ. FT. PER FLOOR, EACH BUILDING CONTAINS 64,738 SQ. FT. GROSS. THE CLASSROOM BUILDING TO THE EAST OF THE ADMIN/CORE FACILITY CONTAINS GRADES K THRU 1ST ON THE FIRST FLOOR AND THE CLASSROOM BUILDING TO THE SOUTH OF THE ADMIN CORE FACILITY CONTAINS GRADES 2 THRU 4 INCLUSIVE ON THE FIRST FLOOR. THE SECOND FLOOR AT THE EAST CLASSROOM BUILDING 2 CONTAINS GRADES 5 THRU 6 INCLUSIVE, AND THE SOUTH 2ND FLOOR CLASSROOM BUILDING 5 CONTAINS GRADES 7 THRU 8 INCLUSIVE. STUDENT AND STAFF TOILET FACILITIES ARE LOCATED ON EACH FLOOR WITHIN EACH SCHOOL GRADE POD. LABORATORIES, ESE CLASSROOMS, SCIENCE DEMONSTRATION CLASSROOMS, SKILLS LABS, ETC. ARE DISPERSED WITHIN BOTH THE COMMON CORE FACILITY AND CLASSROOM BUILDINGS.

APPLICABLE CODES

	CODE	YEAR	AUTHORITY
BUILDING	FLORIDA BUILDING CODE	8th ED. (2023)	BUILDING OFFICIAL
ACCESSIBILITY	FLORIDA BUILDING CODE, ACCESSIBILITY	8th ED. (2023)	BUILDING OFFICIAL
FIRE PREVENTION	FLORIDA FIRE PREVENTION CODE NFPA 1 - FIRE CODE - FL EDITION NFPA 101 - LIFE SAFETY - FL EDITION	8th ED. 2021 2021	BLDG/ FIRE OFFICIAL
LIFE SAFETY	NFPA 1 FIRE CODE NFPA 10 STD. FOR PORTABLE FIRE EXT. NFPA 11 STD. FOR L- M-, & H-EXPANSION FOAM NFPA 13 STD. FOR SPRINKLER SYSTEMS NFPA 14 STD. FOR STANDPIPE/HOSE NFPA 20 STD. FOR STATIONARY PUMPS NFPA 54 NATIONAL FUEL GAS CODE NFPA 70 NATIONAL ELECTRIC CODE NFPA 72 NATIONAL FIRE ALARM/SIGNAL CODE NFPA 90A STD. FOR AIR COND./VENT SYSTEM NFPA 101 LIFE SAFETY CODE NFPA 110 STD. EMERGENCY/STAND-BY POWER	2021 2018 2016 2019 2019 2019 2021 2020 2019 2021 2021 2019	BLDG/ FIRE OFFICIAL
ENERGY	FLORIDA BUILDING CODE, ENERGY	8th ED. (2023)	BUILDING OFFICIAL
ELECTRICAL	FLORIDA BUILDING CODE, ELECTRICAL NFPA 70 NATIONAL ELECTRICAL CODE	8th ED. (2023) 2020	BUILDING OFFICIAL
MECHANICAL	FLORIDA BUILDING CODE, MECHANICAL	8th ED. (2023)	BUILDING OFFICIAL
PLUMBING	FLORIDA BUILDING CODE, PLUMBING	8th ED. (2023)	BUILDING OFFICIAL
FUEL GAS	FLORIDA BUILDING CODE, FUEL GAS	8th ED. (2023)	BUILDING OFFICIAL
FL - SREF	STATE REQ. FOR EDUCATION FACILITES	2014	BUILDING OFFICIAL
ZONING	NOT APPLICABLE	-	-
SUSTAINABILITY	GREEN GLOBES	-	-

NOTE: THE FACILITY DESIGN IS BASED ON THE CODE AT THE TIME OF PERMIT SUBMISSION.

CODE REVIEW - BUILDING 6

FLORIDA BUILDING CODE 8th EDITION (2023)

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

305.1 OCCUPANCY CLASSIFICATION — GROUP U

CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS

453 STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES - ALL SECTIONS

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3	ALLOWABLE BUILDING HEIGHT	55 FEET
	ACTUAL BUILDING HEIGHT	18 FEET
TABLE 504.4	ALLOWABLE NUMBER OF STORIES	3
	ACTUAL NUMBER OF STORIES	1
TABLE 506.2	ALLOWABLE BUILDING AREA / FLOOR	34,000 S.F.
	ACTUAL BUILDING AREA / FLOOR	**6,548 S.F.**

TOTAL BUILDING AREA

1st FLOOR = 6,548 S.F.
TOTAL BUILDING AREA = 6,548 S.F.

REQUIRED FIRE RATED SEPARATION OF OCCUPANCIES

CODE	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 508.4	TABLE 6.1.14.4.1(a)
OCCUPANCY	EDUCATIONAL **	EDUCATIONAL **

NOTE:
1 HOUR RATED REDUCTION AS BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH FFPC TABLE 6.1.14.1(a) MIN. FIRE RESISTANCE RATING.

** SUPPORT SPACES (SUCH AS MEDIA CENTER, ADMINISTRATION OFFICES) WITHIN EDUCATIONAL SPACES SHALL NOT BE CONSIDERED SEPARATE OCCUPANCIES (AS PER FBC 2023 CHAPTER 3 & SECTION 453, FFPC / NFPA 1 CHAPTER 6 AND CHAPTER 10, NFPA 101 / LS CODE CHAPTER 6 AND CHAPTER 14).

INCIDENTAL USES (TABLE 509)

N/A

SPECIAL PROVISIONS N/A

CHAPTER 6 - TYPES OF CONSTRUCTION

NEW CONSTRUCTION TYPE — II-B
2 STORY BUILDING
FULLY SPRINKLERED

		FBC 8th ED, TABLE 601 II B	NFPA 101, TBL. A.8.2.1.2 II 000
BUILDING ELEMENT		REQ'D RATING (HRS)	REQ'D RATING (HRS)
PRIMARY STRUCTURAL FRAME		0	0
BEARING WALLS	EXTERIOR	0	0
	INTERIOR	0	0
NON BEARING WALLS	EXTERIOR (TABLE 602)	0	0
	INTERIOR	0	0
FLOOR CONSTRUCTION		0	0
ROOF CONSTRUCTION		0	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION

TABLE 705.8
MAX. AREA OF EXTERIOR WALL OPENING BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION - UNPROTECTED, SPRINKLERED

15' TO LESS THAN 20'	75%
10' TO LESS THAN 15'	45%
5' TO LESS THAN 10'	25%
0' TO LESS THAN 3'	NOT PERMITTED

CHAPTER 7 - OPENING PROTECTION

716.5.3 DOOR ASSEMBLIES IN CORRIDORS AND SMOKE BARRIERS.
FIRE DOOR ASSEMBLIES REQUIRED TO HAVE A MINIMUM FIRE PROTECTION RATING OF 20 MINUTES WHERE LOCATED IN CORRIDOR WALLS OR SMOKE BARRIER WALLS HAVING A FIRE-RESISTANCE RATING IN ACCORDANCE WITH TABLE 716.5 SHALL BE TESTED IN ACCORDANCE WITH NFPA 252 OR UL 10C WITHOUT THE HOSE STREAM TEST.

716.5.3.2 GLAZING IN DOOR ASSEMBLIES.
IN A 20-MINUTE FIRE DOOR ASSEMBLY, THE GLAZING MATERIAL IN THE DOOR ITSELF SHALL HAVE A MINIMUM FIRE PROTECTION RATED GLAZING OF 20 MINUTES AND SHALL BE EXEMPT FROM THE HOSE STREAM TEST. GLAZING MATERIAL IN ANY OTHER PART OF THE DOOR ASSEMBLY, INCLUDING TRANSOM LIGHTS AND SIDELIGHTS, SHALL BE TESTED IN ACCORDANCE WITH NFPA 257 OR UL 9, INCLUDING THE HOSE STREAM TEST, IN ACCORDANCE WITH SECTION 716.6.

TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING	MINIMUM FIRE DOOR ASSEMBLY RATING	DOOR VISION PANEL SIZE	FIRE-RATED GLAZING MARK: DOOR VISION PANEL
FIRE BARRIER ENCLOSURES FOR SHAFTS, EXIT ACCESS STAIRWAYS, AND EXIT PASSAGEWAY WALLS	1 HOUR	1 HOUR	100 SQ. IN.	<100 SQ. IN. = D-H-60 >100 SQ. IN. = D-H-T-W-60
OTHER FIRE BARRIERS	1 HOUR	3/4 HOUR	MAX SIZE TESTED	3/4

FIRE-RESISTANCE-RATED GLAZING TESTED TO ASTM E119 IN ACCORDANCE WITH SECTION 716.2 SHALL BE PERMITTED, IN THE MAXIMUM SIZE TESTED.

CHAPTER 9 - FIRE PROTECTION SYSTEM

REQUIREMENTS	FLORIDA BUILDING CODE	NFPA / FFPC
	WHERE PROVISIONS OF THIS CODE REQ. THAT A BUILDING OR PORTION THERE OF BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH THIS SECTION, SPRINKLERS SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13 EXCEPT AS PROVIDED IN SECTION 903.3.1.1.1	EACH AUTOMATIC SPRINKLER SYSTEM REQ. BY ANOTHER SECTION OF THIS CODE SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING: (1) NFPA 13 OR (2) NFPA 13D
SECTION	SECTION 906	NFPA 10, TABLE 6.2.1.1
FIRE EXTINGUISHER	LIGHT (LOW) HAZARD EDUCATIONAL	2A: 10B: C (3,000 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.
	MODERATE HAZARD STORAGE	2A: 10B: C (1,500 SQ. FT./ UNIT: 11,250 SQ. FT/EXTINGUISHER) 75' TRAVEL DISTANCE MAX.

NOTE:
1. SPECIALTY ENGINEERED FIRE SPRINKLER DESIGN SHALL BE SUBMITTED FOR REVIEW AND CONFORMANCE WITH DESIGN CRITERIA DOCUMENTS PRESENTED WITH PERMIT SUBMISSION.
2. ALL FIRE EXTINGUISHERS PROVIDED IN OCCUPIED SPACES ARE TO BE IN SEMI-RECESSED WALL MOUNTED CABINETS.
3. ALL LOCATION WHERE MOUNTED IN RATED PARTITIONS, THE ASSEMBLY SHALL MAINTAIN THE REQUIRED RATING THROUGH WALL CONSTRUCTION OR RATED CABINET ENCLOSURE. ALL BUILDINGS AND BUILDING AREAS TO BE FULLY FIRE SPRINKLER PROTECTED.

CHAPTER 10 - OCCUPANT LOAD

(MAX. FLOOR SQ. FT. AREA ALLOWANCE PER OCCUPANT)

	FLORIDA BUILDING CODE	NFPA / FFPC
CODE REFERENCE	TABLE 1004.5	TABLE 7.3.1.2
OCCUPANCY		
ASSEMBLY - UNCONCENTRATED *	15 NET	15 NET
BUSINESS AREAS **	150 GROSS	150 GROSS
CLASSROOM AREAS	20 NET	20 NET
STORAGE GROUP ***	300 GROSS	500 GROSS
UTILITY & MISCELLANEOUS	300 GROSS	

NOTE:
* CONFERENCE ROOMS
** ADMINISTRATION OFFICE, TEACHER PLANNING AND SUPPORT SPACES
*** ACCESSORY STORAGE AREAS / MECHANICAL / EQUIPMENT ROOMS PER SECT. 311.1.1 FBC

OCCUPANCY LOAD *(FBC, TABLE 1004.5)*

EDUCATIONAL (E)		1ST LEVEL	TOTAL
IBC		20	20
SREF	STUDENTS	N/A	5
	TEACHERS	N/A	
	STAFF	5	

EXITS *(FBC, TABLE 1006.2.1)*

LEVEL	REQUIRED	PROVIDED
1ST LEVEL	4	11

CHAPTER 10 - MEANS OF EGRESS SIZING

PER SECTION 1005.3.1 STAIRWAYS
MINIMUM EGRESS CAPACITY FACTOR: 0.2 INCHES PER OCCUPANT
MINIMUM WIDTH AND CAPACITY: 44" / 0.2 = 220 OCCUPANTS
MINIMUM WIDTH PROVIDED: 48" / 0.2 = 240 OCCUPANTS

1005.3.2 OTHER EGRESS COMPONENTS
MINIMUM EGRESS CAPACITY FACTOR: 0.15 INCHES PER PERSON

1010.1.1 SIZE OF DOORS
MINIMUM CLEAR OPENING WIDTH: 32" CLEAR / 0.15 - 213 OCCUPANTS
MINIMUM CLEAR WIDTH PROVIDED: 33" CLEAR / 0.15 = 220 OCCUPANTS

CHAPTER 10 - MEANS OF EGRESS

TABLE 1020.3 MINIMUM CORRIDOR WIDTH
ANY FACILITIES NOT LISTED BELOW — 44 INCHES
IN GROUP E WITH A CORRIDOR HAVING AN OCCUPANT LOAD OF 100 OR MORE — 72 INCHES

1058 EXIT DISCHARGE
ALL REQUIRED EXISTS ARE CONTINUOUS AND DISCHARGE DIRECTLY TO THE BUILDING EXTERIOR

FIRE CODE ANALYSIS

FLORIDA FIRE PREVENTION CODE 8TH EDITION 2021	LISTED IN APPLICAL CODES
TYPE OF CONSTRUCTION	II-B
TOTAL SQUARE FEET	3,853 SF
NUMBER OF STORIES/OR MEZZANINES	1
OCCUPANCY TYPE	U
FIRE RATING SEPARATION BETWEEN OCCUPANCY	SEE DRAWING CP3.3
STAIRWELLS ENCLOSURE FIRE RATING	NOT APPLICABLE
FIRE DAMPERS IN FIRE RATED WALLS	YES
MEANS OF EGRESS COMPONETS: DOORS: STAIRS: HANDRAILS: GUARDRAILS: RAMPS:	 SEE DRAWING A10.3 SEE DRAWING A2.34 SEE DRAWING A2.34 SEE DRAWING A2.34 NOT APPLICABLE
OCCUPANCY LOAD	U
CAPACITY OF MEANS OF EGRESS	SEE DRAWING CP3.3
NUMBER OF EGRESS	FOUR (4) REQUIRED: U
ARRANGEMENT OF MEANS OF EGRESS	SEE DRAWING CP3.3
COMMON PATH	SEE DRAWING CP3.3
DEAD END CORRIDOR	SEE DRAWING CP3.3, 20'MAS/ACUTURAL 12'-11"
TRAVEL DISTANCE	SEE DRAWING CP3.3
INTERIOR FINISH	EXIT ENCLOSURE AND EXIT PASSAGE: CLASS B, ROOMS AND ENCLOSED SPACES: CLASS C
ILLUMINATION OF MEANS OF EGRESS	
EMERGENCY LIGHTING	SEE DRAWINGS E2.1 AND E2.2
MARKING OF MEANS OF EGRESS	SEE DRAWING CP3.3
FIRE DETECTION, ALARM AND COMMUNICATIONS SYSTEM	
AUTOMATIC SPRINKLERS	SEE DRAWING FS2.1 AND FS2.2
PORTABLE FIRE EXTINGUISHERS	SEE DRAWING CP3.3
SMOKE DUCT DECTECTORS	SEE DRAWING FS0.1, FS2.1, AND FS2.2
EMERGENCY RADIO ENHANCEMENT	SEE DRARING FS0.1, FS2.1, AND FS2.2
SUBMIT COUNTY APPROVED STAMPED CIVIL PLANS	
SUBMIT IRC UTILITIES FLOW TEST SUMMARY REPORT FOR ALL FIRE HYDRANTS WITHIN 1000FT FROM PUPOSED STRUCTURE	

FLORIDA PRODUCT APPROVAL SPECIFICATION CHART

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CURTAIN WALL SYSTEM	YKK AP, YHC 300 0G	NOA 13433.2
STOREFRONT SYSTEM	YKK AP, YHS 50TU	NOA 14218.12
SECTIONAL DOOR	OVERHEAD DOOR CORPORTATION - MODEL 610	FL# 742.15
ROOFING SYSTEM	GARLAND ROOFING SYSTEM - SINGLE PLY	NOA 23-1011.19
SUN SHADES	SHARCHS - THRESHER TR-4RB-RT4-RCT4	
LOUVERS	HARRAY LOUVERS - E6JF AND E6WF	NOA 23-0815.26

CODE PLAN LEGEND

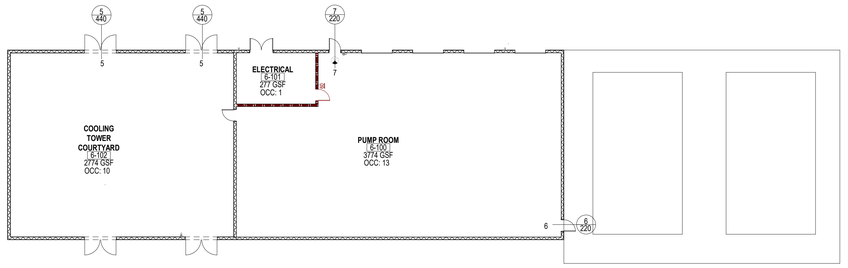
	SMOKE PARTITION (NO RATING)
	SMOKE BARRIER (1 HOUR RATED)
	30 MIN FIRE PARTITION
	1 HOUR FIRE PARTITION
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER
	3 HOUR FIRE BARRIER
	4 HOUR FIRE BARRIER
	2 HOUR FIRE WALL
	3 HOUR FIRE WALL
	4 HOUR FIRE WALL
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
X = XX'	MAXIMUM EXIT ACCESS TRAVEL DISTANCE
ACTUAL EGRESS LOAD 123 EGRESS CAPACITY 360	DOOR EGRESS CAPACITY TAG
ACTUAL EGRESS LOAD 123 EGRESS CAPACITY 360	STAIR EGRESS CAPACITY TAG

NOTE:

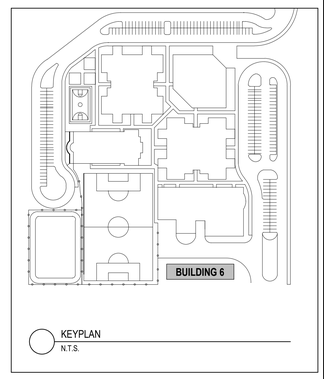
INCLUSION IN LEGEND DOES NOT IMPLY SCOPE. NOT ALL SYMBOLS MAY BE USED.

MAXIMUM OCCUPANT LOAD AS SHOWN IS USED FOR EGRESS CALCULATIONS ONLY.

EGRESS CAPACITY IS BASED ON CLEAR WIDTH OF DOORS MINUS 3" FOR SINGLE DOOR, 6" FOR DOUBLE DOOR.



1 **FIRST FLOOR LIFE SAFETY PLAN - CHILLER**
1/16" = 1'-0"



KEYPLAN
N.T.S.

N

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN D. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE
4		

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR LIFE SAFETY PLAN CHILLER - BUILDING 6

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

LS1.9

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

3"=1'-0" 1 1/2"=1'-0" 1"=1'-0" 3/4"=1'-0" 1/2"=1'-0" 1/4"=1'-0" 1/8"=1'-0" 1/16"=1'-0"

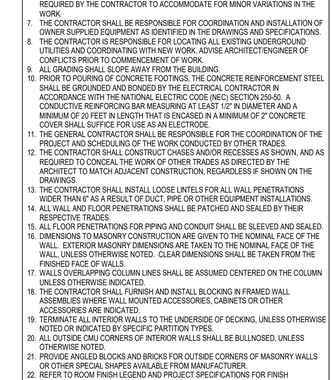
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PLAN LEGEND

- PROPOSED METAL STUD WALL (SEE PARTITION TYPES)
- PROPOSED CMU WALL (SEE PARTITION TYPES)
- EXISTING WALL TO REMAIN
- PROPOSED DOOR
- EXISTING DOOR TO REMAIN

GENERAL NOTES

1. ELEVATION AT TOP OF FINISHED FLOOR SLAB SHALL BE REFERENCED AS DATUM ELEVATION 0'-0".
2. DO NOT SCALE THE DRAWINGS. IF A DIMENSION IS UNCLEAR OR A DISCREPANCY IS FOUND IT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
3. ALL DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO THE COMMENCEMENT OF WORK. WHERE FABRICATION IS REQUIRED, DIMENSIONS SHALL BE VERIFIED PRIOR TO THE PRODUCTION OF SHOP DRAWINGS.
4. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STATUTES, AND REGULATIONS IN PERFORMANCE OF THE WORK.
5. REFER TO THE FIRE RESISTANCE DIRECTORY (LATEST EDITION) BY UNDERWRITER'S LABORATORIES FOR THE REQUIREMENTS OF ALL SPECIFIED FIRE RATED ASSEMBLIES.
6. DETAILS AND SECTIONS ON THE DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS AND ARE INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED IN A SIMILAR MANNER OR BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION. MODIFICATIONS MAY BE REQUIRED BY THE CONTRACTOR TO ACCOMMODATE FOR MINOR VARIATIONS IN THE WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND INSTALLATION OF OWNER SUPPLIED EQUIPMENT AS IDENTIFIED IN THE DRAWINGS AND SPECIFICATIONS.
8. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES AND COORDINATING WITH NEW WORK. ADVISE ARCHITECT/ENGINEER OF CONFLICTS PRIOR TO COMMENCEMENT OF WORK.
9. ALL GRADING SHALL SLOPE AWAY FROM THE BUILDING.
10. PRIOR TO POURING OF CONCRETE FOOTINGS, THE CONCRETE REINFORCEMENT STEEL SHALL BE GROUNDED AND BONDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) SECTION 250-50. A CONDUCTIVE REINFORCING BAR MEASURING AT LEAST 1/2" IN DIAMETER AND A MINIMUM OF 20 FEET IN LENGTH THAT IS ENCASED IN A MINIMUM OF 2" CONCRETE COVER SHALL SUFFICE FOR USE AS AN ELECTRODE.
11. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE PROJECT AND SCHEDULING OF THE WORK CONDUCTED BY OTHER TRADES.
12. THE CONTRACTOR SHALL CONSTRUCT CHASES AND/OR RECESSES AS SHOWN, AND AS REQUIRED TO CONCEAL THE WORK OF OTHER TRADES AS DIRECTED BY THE ARCHITECT TO MATCH ADJACENT CONSTRUCTION, REGARDLESS IF SHOWN ON THE DRAWINGS.
13. THE CONTRACTOR SHALL INSTALL LOOSE LINTELS FOR ALL WALL PENETRATIONS WIDER THAN 8" AS A RESULT OF DUCT, PIPE OR OTHER EQUIPMENT INSTALLATIONS.
14. ALL WALL AND FLOOR PENETRATIONS SHALL BE PATCHED AND SEALED BY THEIR RESPECTIVE TRADES.
15. ALL FLOOR PENETRATIONS FOR PIPING AND CONDUIT SHALL BE SLEEVED AND SEALED.
16. DIMENSIONS TO MASONRY CONSTRUCTION ARE GIVEN TO THE NOMINAL FACE OF THE WALL. EXTERIOR MASONRY DIMENSIONS ARE TAKEN TO THE NOMINAL FACE OF THE WALL UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS SHALL BE TAKEN FROM THE FINISHED FACE OF WALLS.
17. WALLS OVERLAPPING COLUMN LINES SHALL BE ASSUMED CENTERED ON THE COLUMN UNLESS OTHERWISE INDICATED.
18. THE CONTRACTOR SHALL FURNISH AND INSTALL BLOCKING IN FRAMED WALL ASSEMBLIES WHERE WALL MOUNTED ACCESSORIES, CABINETS OR OTHER ACCESSORIES ARE INDICATED.
19. TERMINATE ALL INTERIOR WALLS TO THE UNDERSIDE OF DECKING, UNLESS OTHERWISE NOTED OR INDICATED BY SPECIFIC PARTITION TYPES.
20. ALL OUTSIDE CMU CORNERS OF INTERIOR WALLS SHALL BE BULLNOSED, UNLESS OTHERWISE NOTED.
21. PROVIDE ANGLED BLOCKS AND BRICKS FOR OUTSIDE CORNERS OF MASONRY WALLS OR OTHER SPECIAL SHAPES AVAILABLE FROM MANUFACTURER.
22. REFER TO ROOM FINISH LEGEND AND PROJECT SPECIFICATIONS FOR FINISH REQUIREMENTS.
23. DIMENSIONS TO STUD WALL CONSTRUCTION ARE GIVEN TO THE FINISH FACE OF THE WALL. THE DIMENSIONS ARE TAKEN FROM THE FINISH FACE OF THE EXTERIOR WALL TO THE FINISH FACE OF THE STUD WALL. CLEAR DIMENSIONS SHALL BE TAKEN FROM THE FINISHED FACE OF WALLS.



1 FIRST FLOOR PLAN - ADMINISTRATION
1/8" = 1'-0"

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO AR0013456
STEVEN G. SIEGEL AR99546
JOHN F. WYRGHT AR101341
STEVE LEONE AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR PLAN - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

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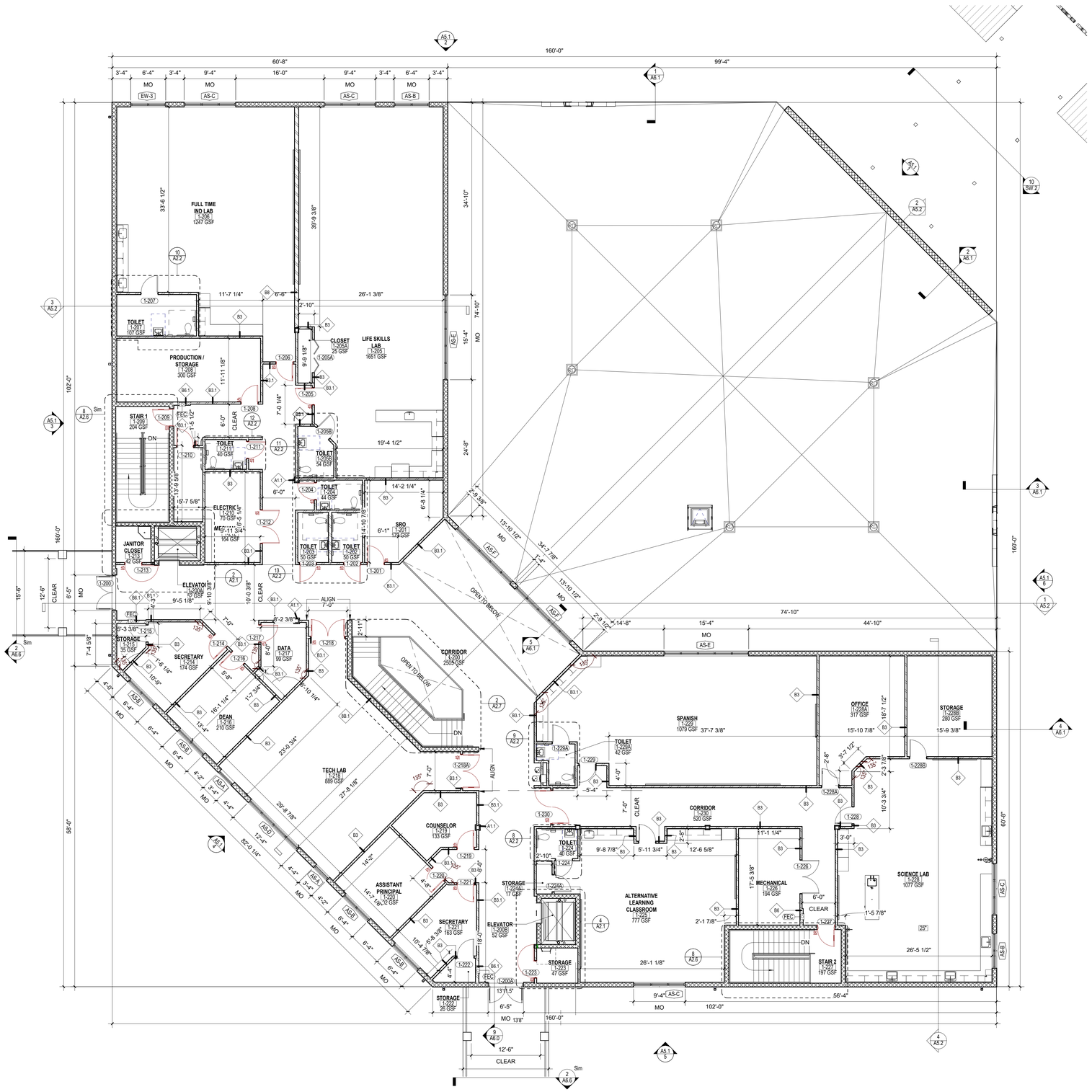
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DRAWN BY:Author CHECKED BY:Checker

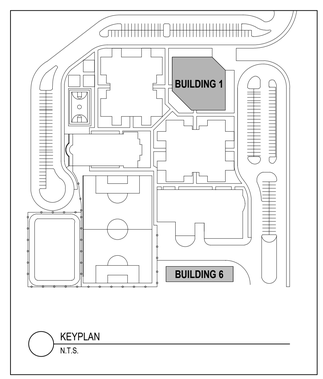


PLAN LEGEND

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- PROPOSED CMU WALL (SEE PARTITION TYPES)
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KEYPLAN
N.T.S.

1 SECOND FLOOR PLAN - ADMINISTRATION

1/8" = 1'-0"

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN D. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

SECOND FLOOR PLAN - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

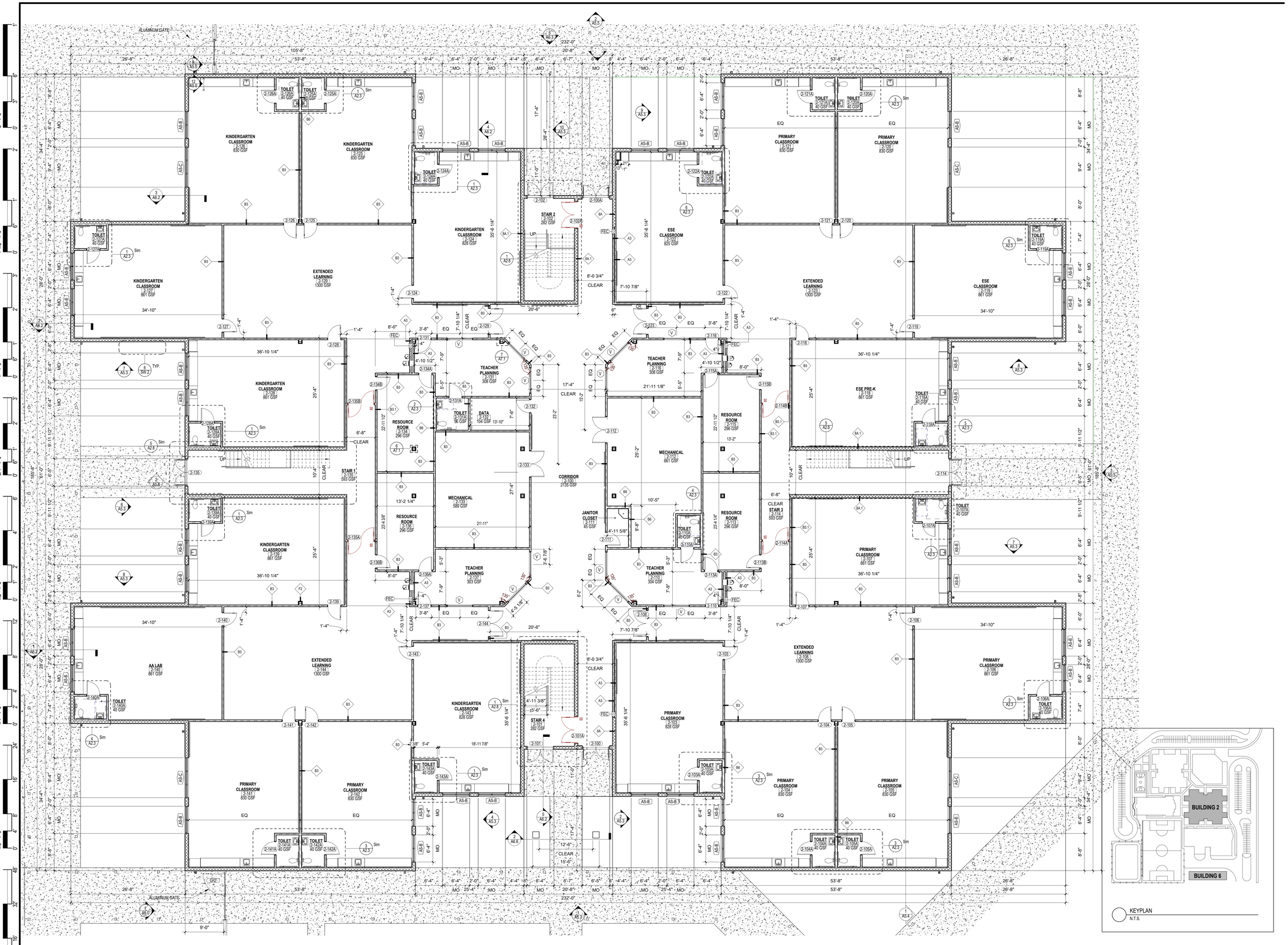
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A1.2

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1 FIRST FLOOR PLAN - CLASSROOM 1

1/8" = 1'-0"

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SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WYKOFF	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR PLAN - CLASSROOM 1 - BUILDING 2

COMMISSION NUMBER:

26K014

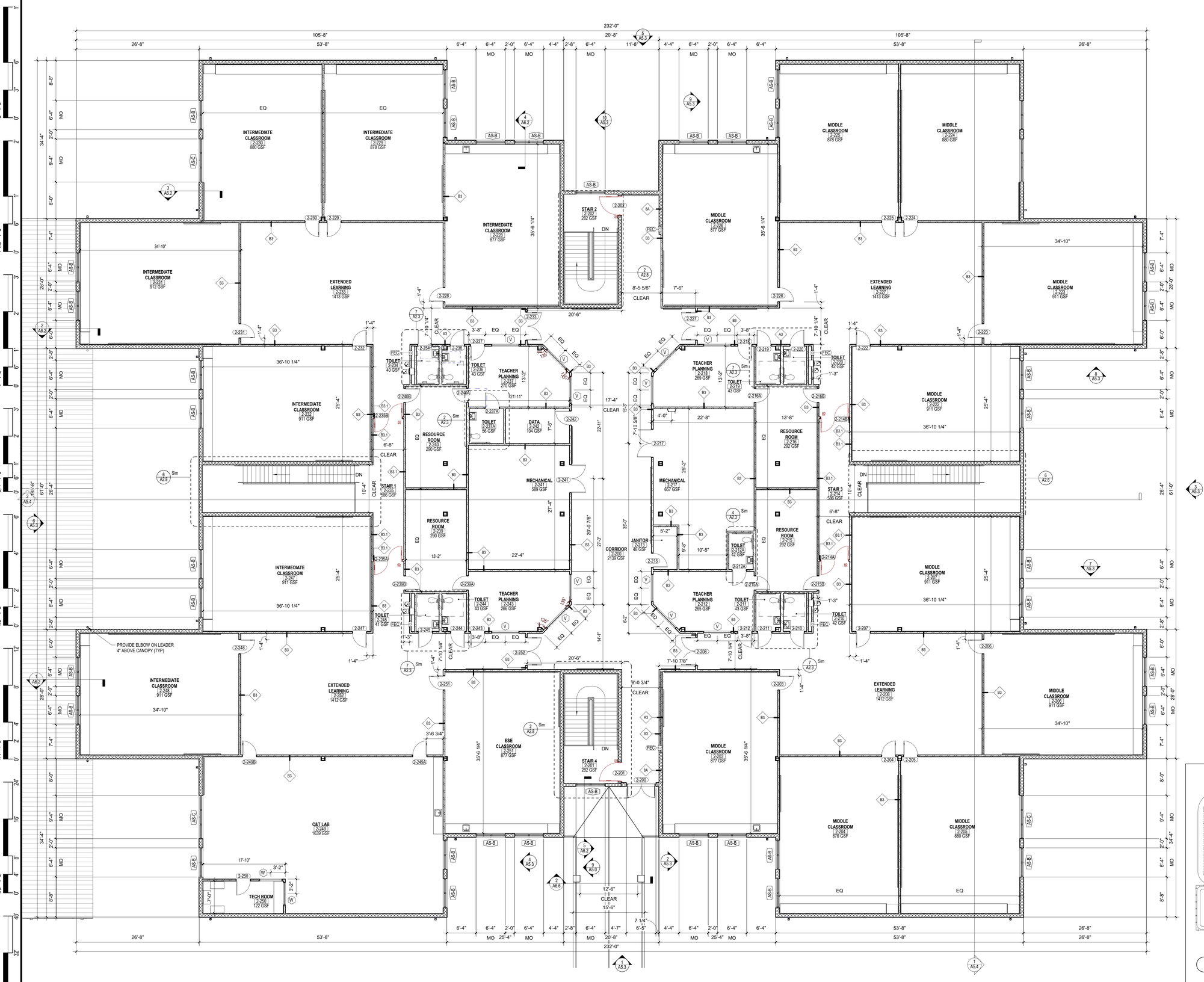
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A1.3

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1 SECOND FLOOR PLAN - CLASSROOM 1

1/8" = 1'-0"

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SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

SECOND FLOOR PLAN - CLASSROOM 1 - BUILDING 2

COMMISSION NUMBER:

26K014

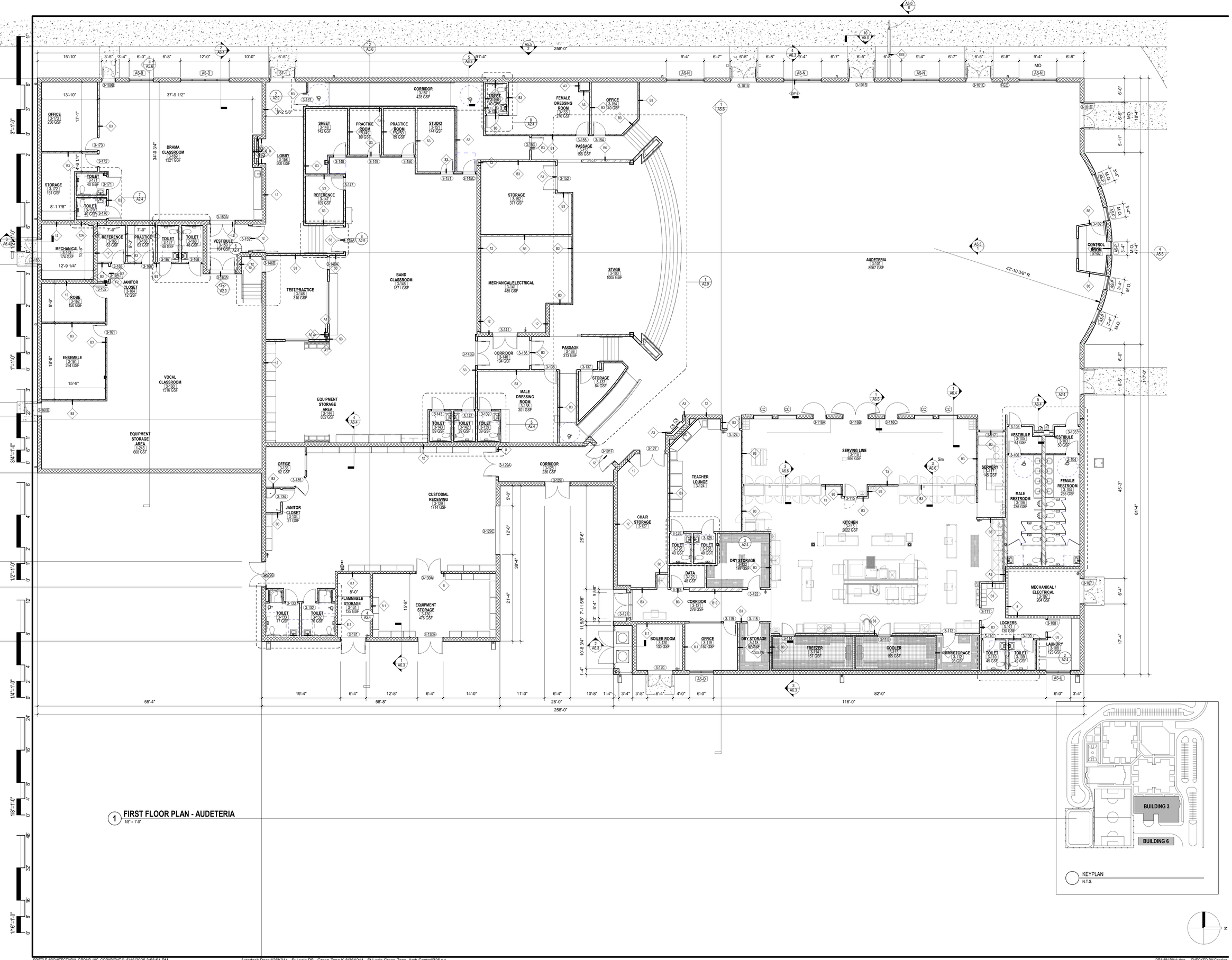
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A1.4

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1 **FIRST FLOOR PLAN - AUDETERIA**
1/8" = 1'-0"

CODE REVIEW:

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spiezle

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80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
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JOHN F. WYRICH	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR PLAN - AUDETERIA - BUILDING 3

COMMISSION NUMBER:
26K014

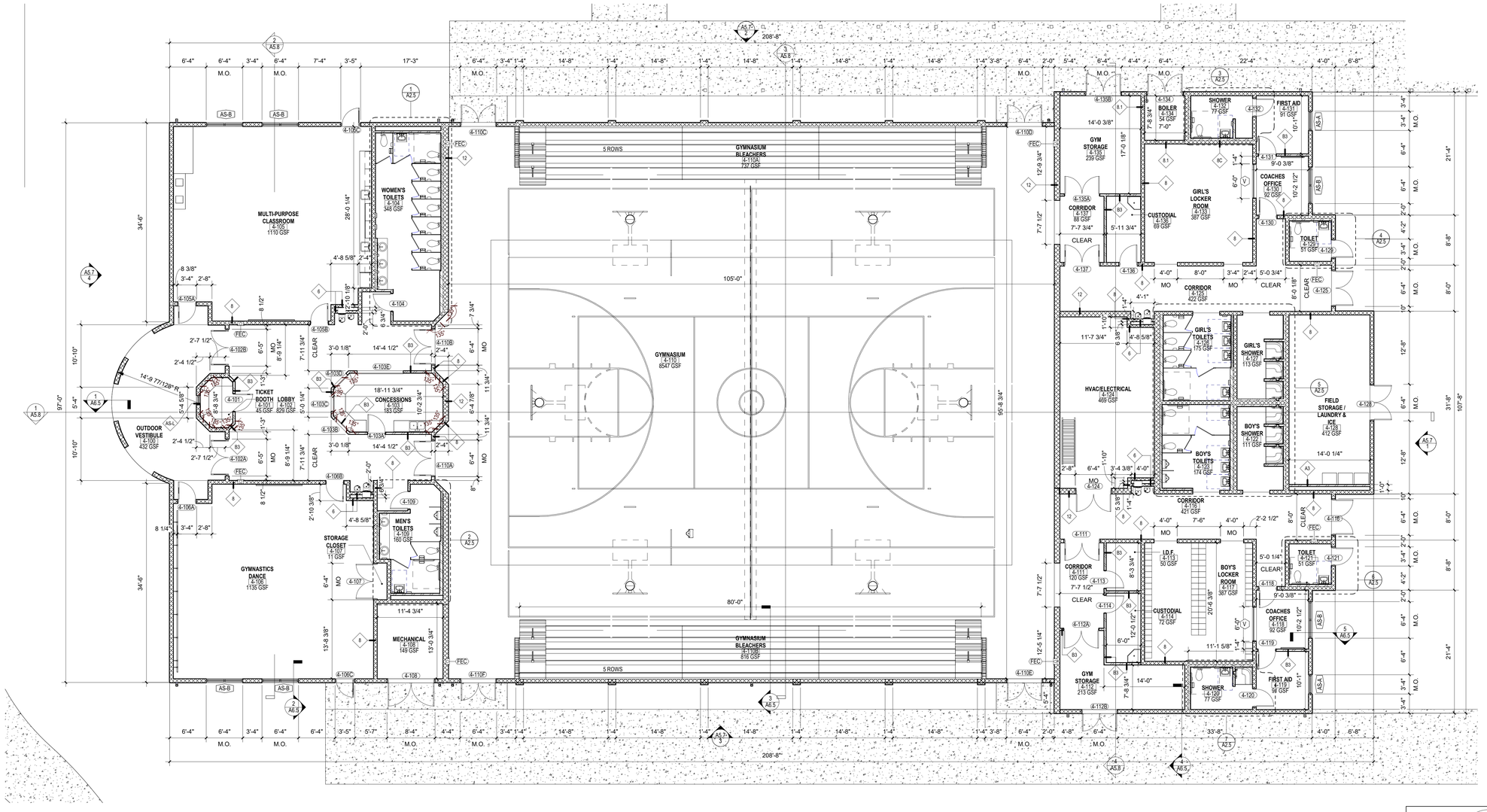
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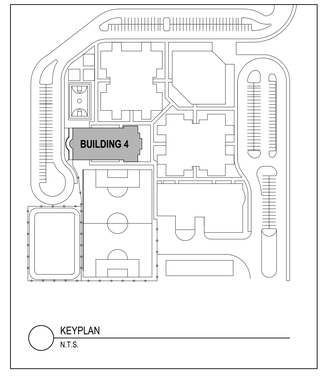
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1 FIRST FLOOR PLAN - GYMNASIUM

1/8" = 1'-0"



CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

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CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE
1		Date 12

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR PLAN - GYMNASIUM - BUILDING 4

COMMISSION NUMBER:

26K014

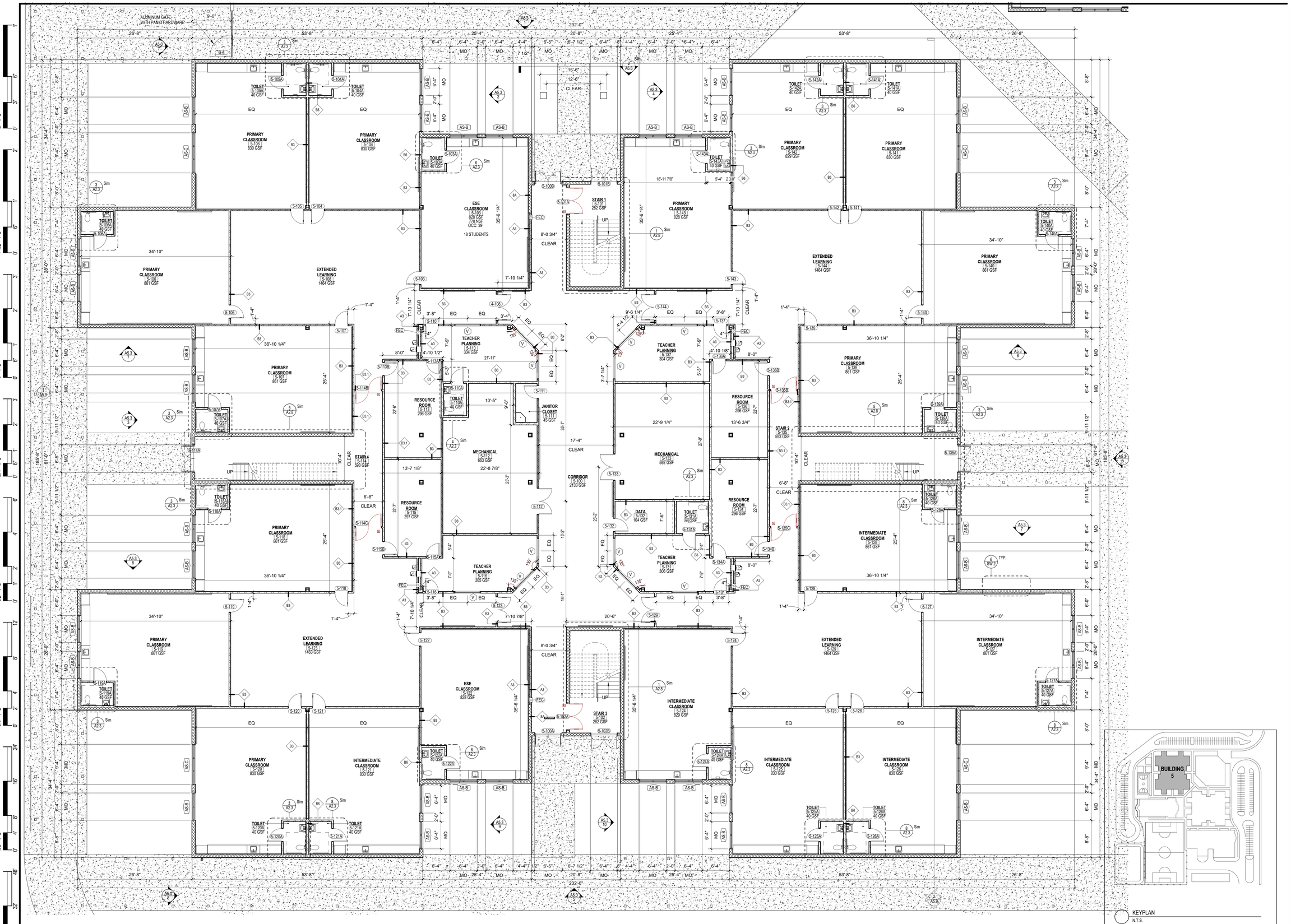
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A1.6

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1 FIRST FLOOR PLAN - CLASSROOM 2
1/8" = 1'-0"

CODE REVIEW:

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80 ROYAL PALM POINT
SUITE 404
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DRAWING TITLE:

FIRST FLOOR PLAN - CLASSROOM 2 - BUILDING 5

COMMISSION NUMBER:

26K014

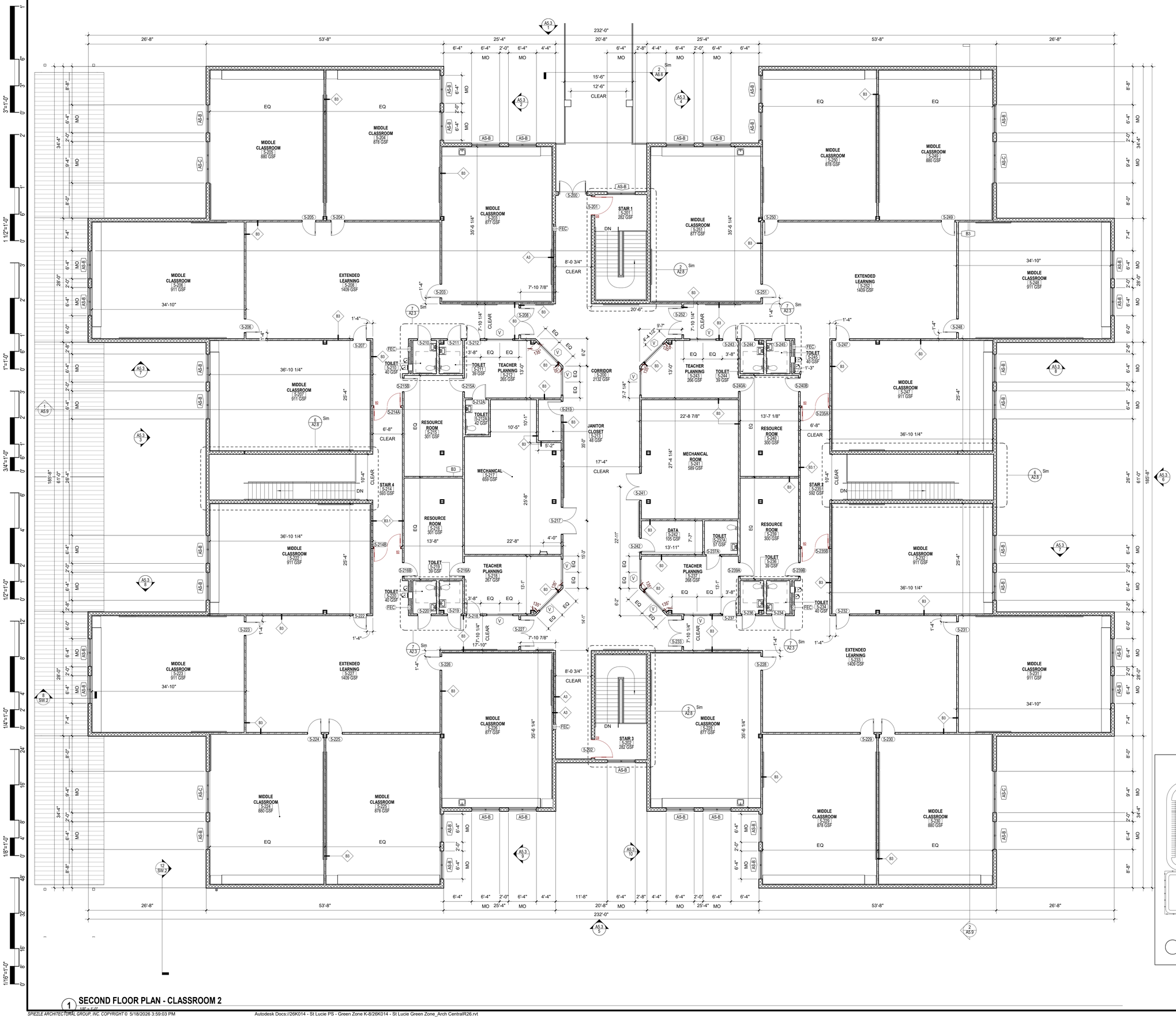
DO NOT SCALE THE DRAWINGS

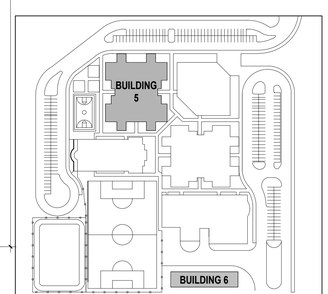
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A1.7

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KEYPLAN
N.T.S.

1 SECOND FLOOR PLAN - CLASSROOM 2
1/8" = 1'-0"

CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

SECOND FLOOR PLAN - CLASSROOM 2 - BUILDING 5

COMMISSION NUMBER:

26K014

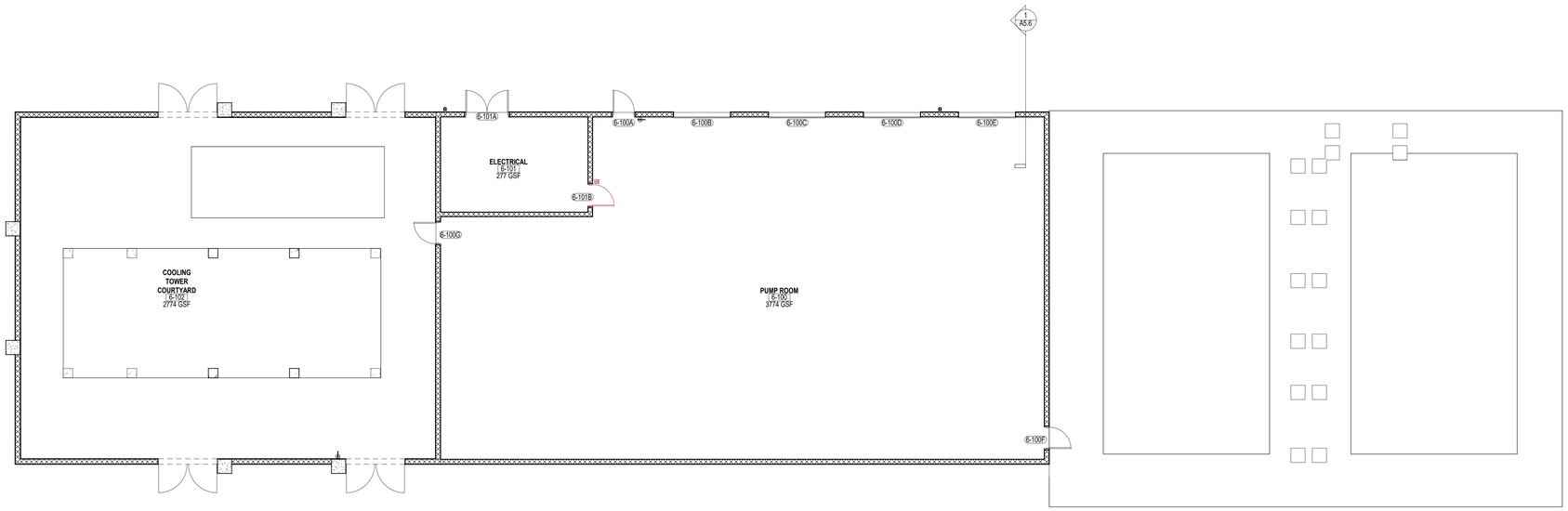
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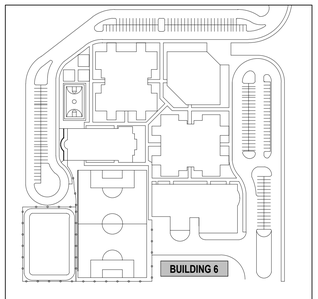
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1 **FIRST FLOOR PLAN - CHILLER**
1/8" = 1'-0"



KEYPLAN
N.T.S.

N

CODE REVIEW:

CERTIFICATE:

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SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
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VERO BEACH, FL. 32960
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5/29/2026

PROJECT:

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR PLAN - CHILLER - BUILDING 6

COMMISSION NUMBER:

26K014

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DRAWING NUMBER:

A1.9

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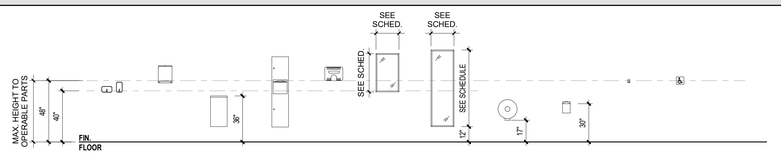
3"=1'-0" 1 1/2"=1'-0" 1"=1'-0" 3/4"=1'-0" 1/2"=1'-0" 1/4"=1'-0" 1/8"=1'-0" 1/16"=1'-0"

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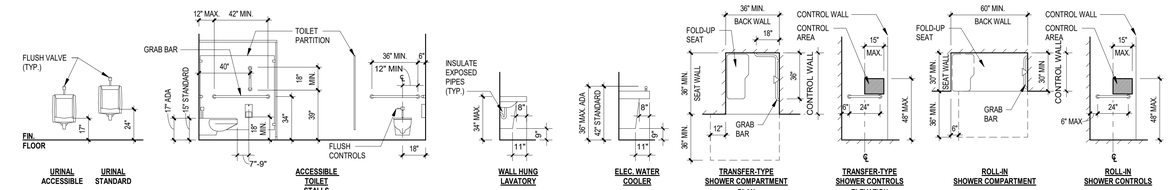
STANDARD TOILET ACCESSORY MOUNTING HEIGHTS

NOTES:

1. FIXTURES AND ACCESSORIES SHOWN IN THIS DIAGRAM ARE SHOWN AS A REFERENCE FOR LOCATING FIXTURES AND ACCESSORIES ONLY. ACTUAL SPECIFIED FIXTURES MAY DIFFER FROM WHAT IS SHOWN. CONTRACTOR SHALL COORDINATE INDICATED DIMENSIONS WITH SPECIFIED ACCESSORIES. NOT ALL ACCESSORIES MAY BE USED.
2. FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODES AND REGULATIONS.
3. WRAP ALL EXPOSED PIPING.
4. HEIGHT OF WATER CLOSETS ARE MEASURED FROM FINISHED FLOOR TO THE TOP OF THE SEAT.
5. DISPENSERS SHALL BE 1-1/2" MINIMUM BELOW OR 12" MINIMUM ABOVE GRAB BAR (TYP.)
6. AT FRAMED WALL ASSEMBLIES WHETHER INDICATED OR NOT, PROVIDE IN-WALL BLOCKING WITH WOOD OR METAL STRAPPING IN FRAMED CONSTRUCTION TO SUPPORT TOILET ACCESSORIES. VERIFY SUBSTRATES AND PROVIDE BLOCKING AS RECOMMENDED BY THE ACCESSORY MANUFACTURER TO ADEQUATELY SUPPORT THE DESIGN LOADS REQUIRED FOR EACH ACCESSORY AND AS REQUIRED TO MAINTAIN PRODUCT WARRANTY.



SOAP DISPENSER | PAPER TOWEL DISPENSER | WASTE DISPOSAL | PAPER TOWEL COMBO UNIT | ELECTRIC HAND DRYER | MIRROR (SINGLE LAV.) | MIRROR (FULL HEIGHT) | TOILET TISSUE DISPENSER | SANITARY NAPKIN DISPOSAL | GARMENT HOOK | 6"x6" ADA STALL SIGN



TOILET ACCESSORY LEGEND

ITEM	DESCRIPTION	MOUNTING TYPE	MANUFACTURER	MODEL #	FURNISHED BY	INSTALLED BY	COMMENTS
TA-1	SOAP DISPENSER	SURFACE	RENOWN	REN02473	OWNER	GC	
TA-2	PAPER TOWEL DISPENSER	WALL MOUNT	GEORGIA-PACIFIC	GP-59489	OWNER	GC	
TA-3	FRAMED MIRROR, 18 X 36 NO SHELF	WALL MOUNT	BRADLEY CORPORATION	781-18362	GC	GC	
TA-4	SANITARY NAPKIN DISPOSAL	SURFACE	APPEAL	APP18107	OWNER	GC	
TA-5	TOILET TISSUE DISPENSER	SURFACE	GEORGIA-PACIFIC	56784A	OWNER	GC	
TA-6	GRAB BAR SET - WATER CLOSET	SURFACE	BOBRICK	B-9806 X 42, B-9806 X 36	GC	GC	
TA-7	SHOWER ACCESSORIES	SURFACE	BRADLEY CORPORATION	SEAT 9569, GRAB BAR 800.03/07, CURTAIN 9533	GC	GC	

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SIGNATURE:

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DESIGN DEVELOPMENT
5/29/2026

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

ENLARGED PLAN DETAILS AND MOUNTING HEIGHTS

COMMISSION NUMBER:

26K014

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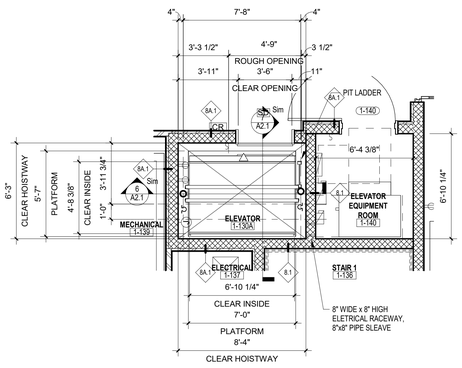
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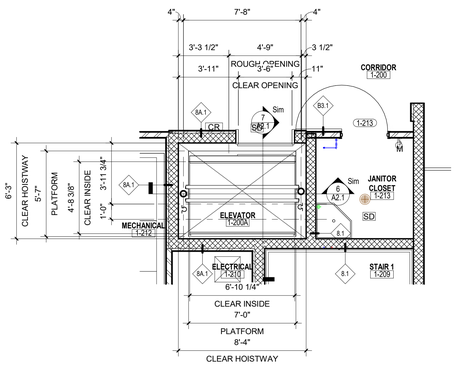
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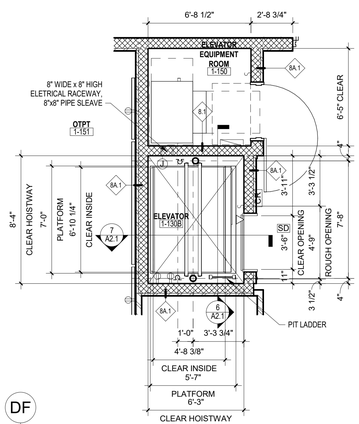
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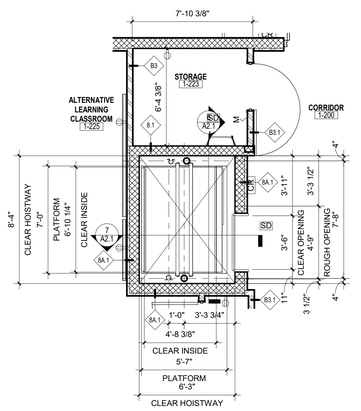
1 **FIRST FLOOR ELEVATOR PLAN - 1-130A**
1/4" = 1'-0"



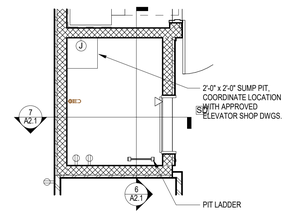
2 **SECOND FLOOR ELEVATOR PLAN - 1-130A**
1/4" = 1'-0"



3 **FIRST FLOOR ELEVATOR PLAN - 1-130B**
1/4" = 1'-0"



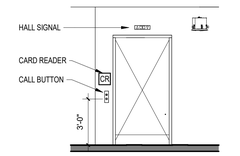
4 **SECOND FLOOR ELEVATOR PLAN - 1-130B**
1/4" = 1'-0"



5 **ELEVATOR PIT**
1/4" = 1'-0"

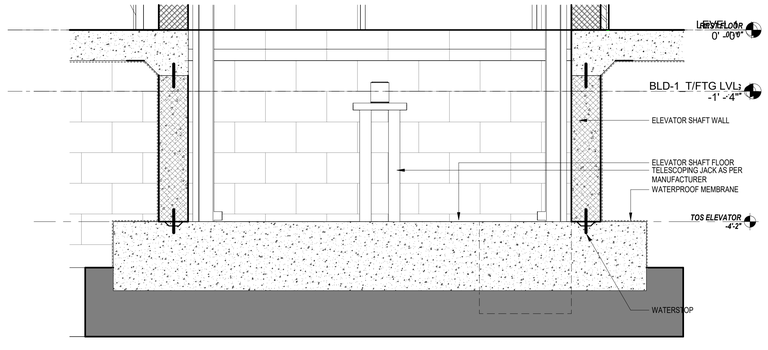
6 **SECTION - ELEVATOR 1**
1/2" = 1'-0"

7 **SECTION - ELEVATOR 1-2**
1/2" = 1'-0"



8 **ELEVATION - ELEVATOR ENTRANCE (TYP)**
1/4" = 1'-0"

9 **ELEVATOR PANEL DESIGN**
1/4" = 1'-0"



10 **SECTION - ELEVATOR SUMP PIT**
3/4" = 1'-0"

GENERAL NOTES

1. PROVIDE HOISTWAY BARRICADES UNTIL ELEVATOR ENTRANCES ARE FULLY INSTALLED.
2. ENSURE ELEVATOR HOIST BEAM IS INSTALLED AND WILL ACCOMODATE PROPER LOADS AND CLEARANCES.
3. PROVIDE ROUGH OPENING OR SET LINTELS AND WALLS AFTER ENTRANCE FRAMES ARE INSTALLED.
4. PROVIDE ELEVATOR SILL SUPPORT AT EACH ENTRANCE.
5. PROVIDE LIGHT FIXTURE, CONVENIENCE OUTLET AND SWITCH.
6. OIL PIPE LINES AND FITTINGS SHALL BE PROPERLY SUPPORTED TO RELIEVE STRAIN.
7. ALL PENETRATIONS TO RATED WALLS SHALL BE PROPERLY SEALED.
8. INSTALL ULTRASEAL WATERPROOFING MEMBRANE AT ELEVATOR PIT.

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE
4		

FOR BID: 08/26/2026

DRAWING TITLE:

ELEVATOR PLANS AND DETAILS

COMMISSION NUMBER:

26K014

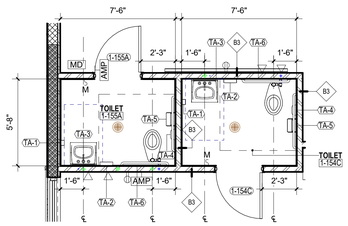
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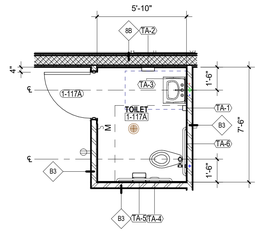
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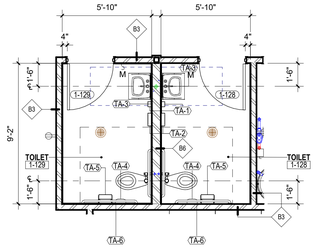
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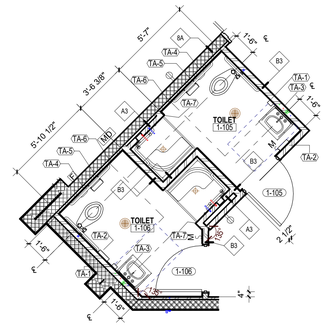
1 **01 - ADMIN - TOILET ROOM PLAN - 01-155A & 1-154C**
1/4" = 1'-0"



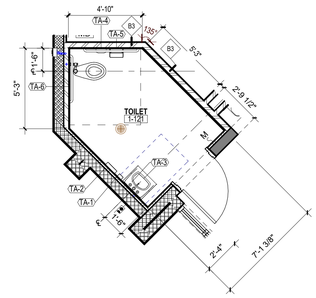
2 **01 - ADMIN - TOILET ROOM PLAN - 1-117A**
1/4" = 1'-0"



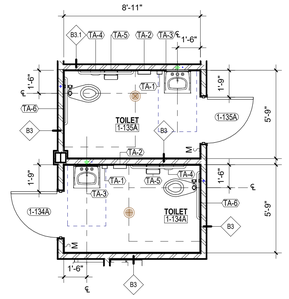
3 **01 - ADMIN - TOILET ROOM PLAN - 1-128 & 1-129**
1/4" = 1'-0"



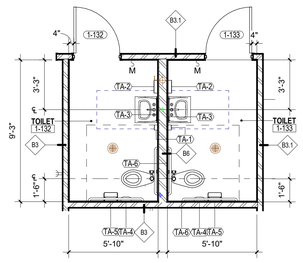
4 **01 - ADMIN - TOILET ROOM PLAN - 1-105 & 1-106**
1/4" = 1'-0"



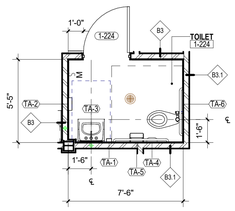
5 **TOILET ROOM PLAN - 1-121**
1/4" = 1'-0"



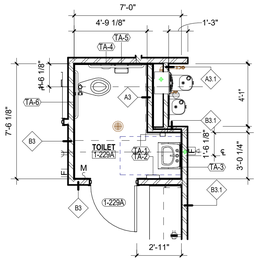
6 **01 - ADMIN - TOILET ROOM PLAN - 1-134A & 1-135A**
1/4" = 1'-0"



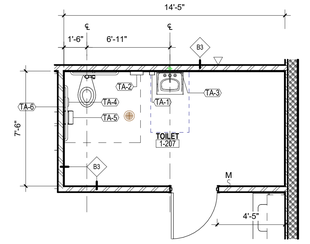
7 **01 - ADMIN - TOILET ROOM PLAN - 1-132 & 1-133**
1/4" = 1'-0"



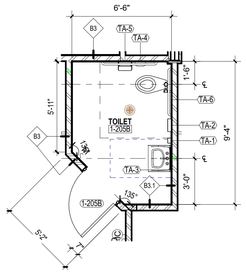
8 **01 - ADMIN - TOILET ROOM PLAN - 1-224**
1/4" = 1'-0"



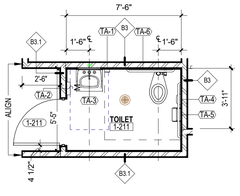
9 **TOILET ROOM PLAN - 1-229A**
1/4" = 1'-0"



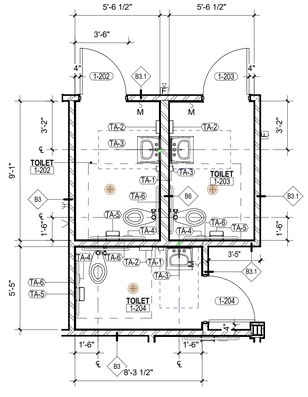
10 **01 - ADMIN - TOILET ROOM PLAN - 1-207**
1/4" = 1'-0"



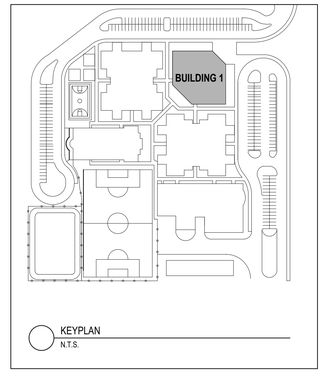
11 **TOILET ROOM PLAN - 1-205B**
1/4" = 1'-0"



12 **01- ADMIN - TOILET ROOM PLAN - 1-211**
1/4" = 1'-0"



13 **01- ADMIN - TOILET ROOM PLAN - 1-202, 1-203, & 1-204**
1/4" = 1'-0"



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9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

TOILET ROOM PLANS - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:
26K014

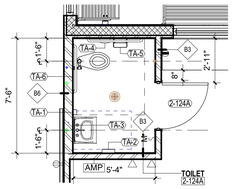
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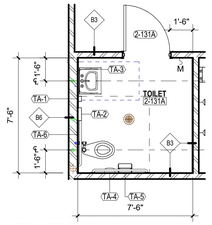
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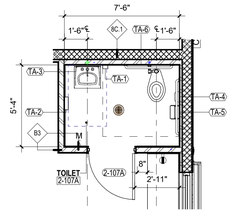
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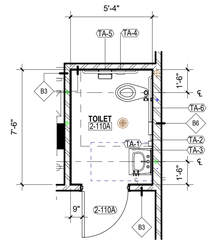
1 02 & 05 - CLASS - KINDERGARTEN TOILET ROOM PLAN - TYPICAL
1/4" = 1'-0"



2 TOILET ROOM PLAN - TYPICAL
1/4" = 1'-0"



3 02 & 05 - CLASS - PRIMARY CLASSROOM TOILET PLAN - TYPICAL
1/4" = 1'-0"

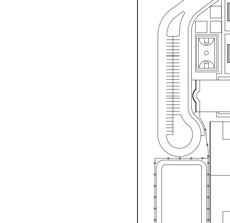


4 TOILET ROOM PLAN - TYPICAL
1/4" = 1'-0"

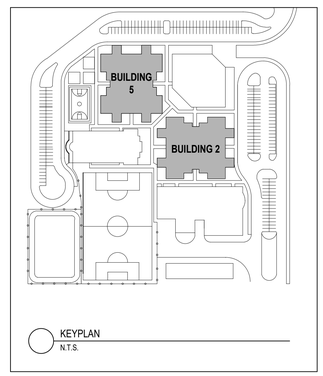
5 02 & 05 - CLASS - ESE PRE-K TOILET ROOM PLAN - TYPICAL
1/4" = 1'-0"

6 02 & 05 - CLASS - ESE CLASSROOM TOILET PLAN - TYPICAL
1/4" = 1'-0"

7 TOILET ROOM PLAN - TYPICAL
1/4" = 1'-0"



8 02 & 05 - CLASS - INTERMEDIATE CLASSROOM TOILET PLAN - TYPICAL
1/4" = 1'-0"



CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO AR0013456
STEVEN G. SIEGEL AR99546
JOHN F. WRIGHT AR101341
STEVE LEONE AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

TOILET ROOM PLANS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5

COMMISSION NUMBER:
26K014

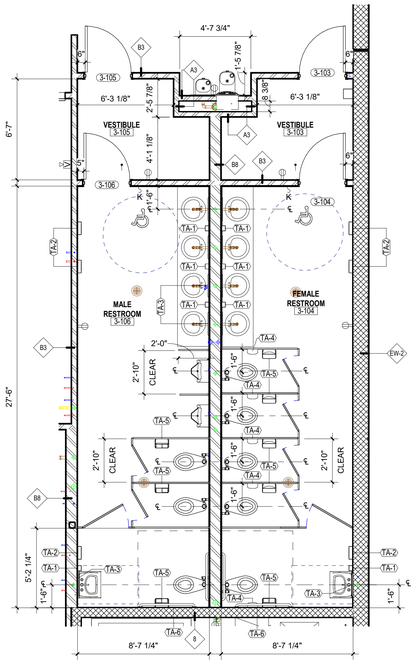
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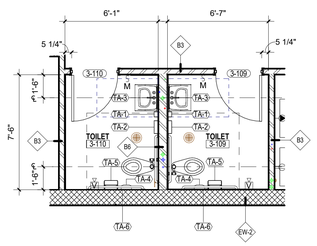
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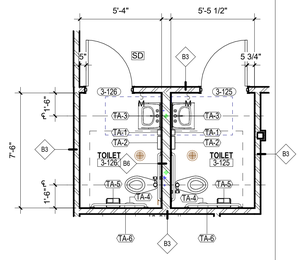
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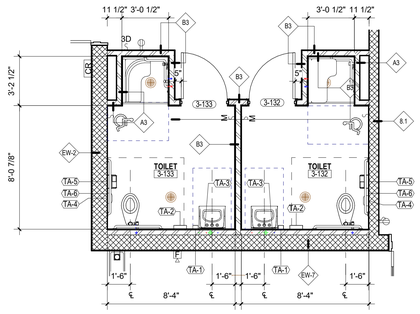
1 **03 - AUD - FIRST FLOOR PLAN - Callout 4**
1/4" = 1'-0"



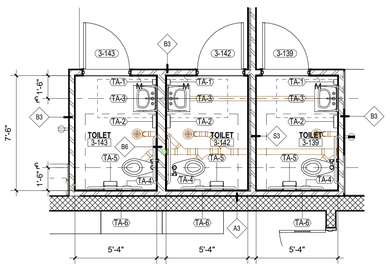
2 **03 - AUD - FIRST FLOOR PLAN - Callout 5**
1/4" = 1'-0"



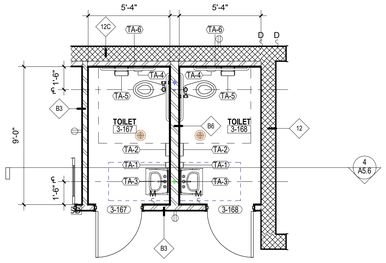
3 **03 - AUD - FIRST FLOOR PLAN - Callout 6**
1/4" = 1'-0"



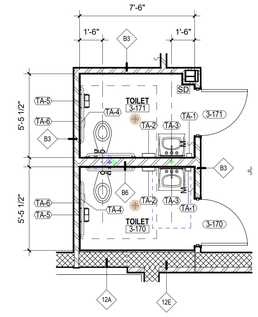
4 **03 - AUD - FIRST FLOOR PLAN - Callout 7**
1/4" = 1'-0"



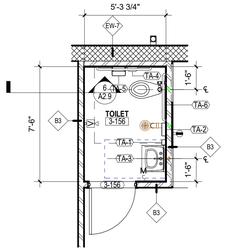
5 **03 - AUD - FIRST FLOOR PLAN - Callout 8**
1/4" = 1'-0"



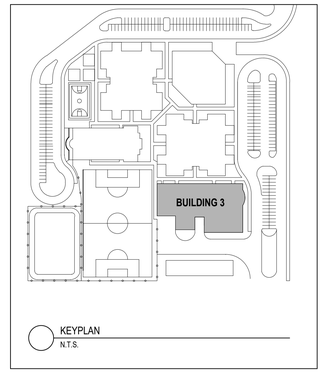
6 **03 - AUD - FIRST FLOOR PLAN - Callout 10**
1/4" = 1'-0"



7 **03 - AUD - FIRST FLOOR PLAN - Callout 11**
1/4" = 1'-0"



8 **03 - AUD - FIRST FLOOR PLAN - Callout 9**
1/4" = 1'-0"



KEYPLAN
N.T.S.

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FOR

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9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

TOILET ROOM PLANS AND ELEVATIONS - AUDETERIA - BUILDING 3

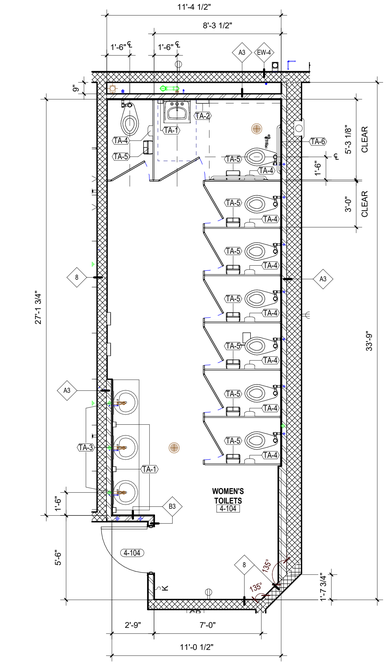
COMMISSION NUMBER:
26K014

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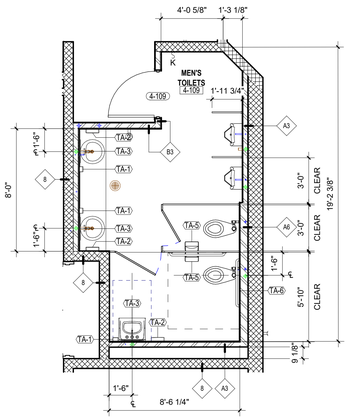
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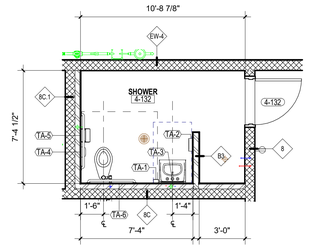
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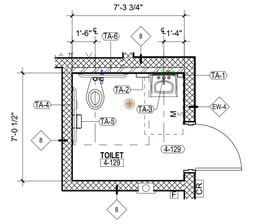
1 **ENLARGED TOILET ROOM PLAN**
1/4" = 1'-0"



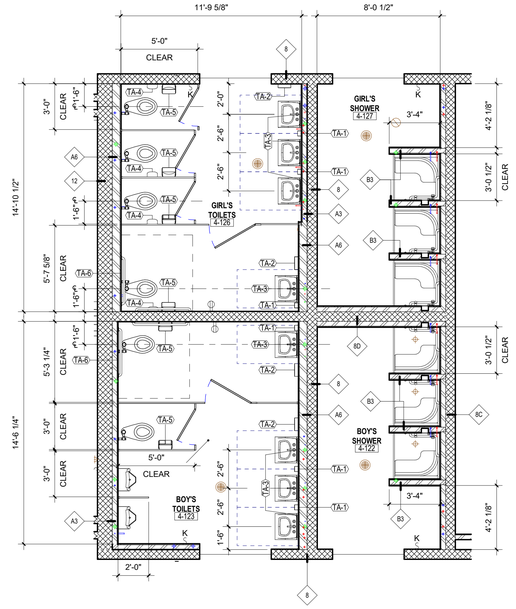
2 **ENLARGED TOILET ROOM PLAN**
1/4" = 1'-0"



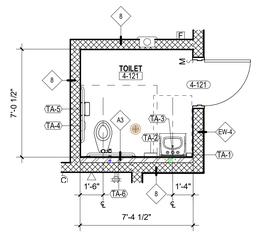
3 **ENLARGED TOILET ROOM PLAN**
1/4" = 1'-0"



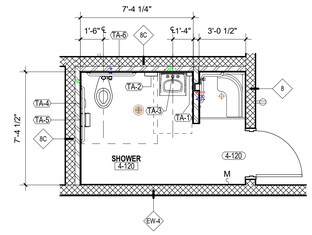
4 **ENLARGED TOILET ROOM PLAN**
1/4" = 1'-0"



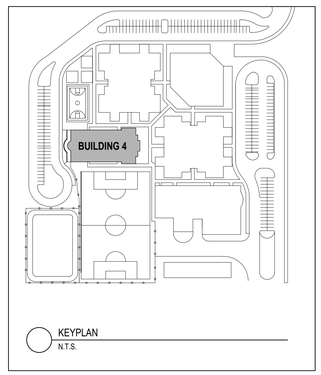
5 **ENLARGED TOILET ROOM PLAN**
1/4" = 1'-0"



6 **ENLARGED TOILET ROOM PLAN**
1/4" = 1'-0"



7 **ENLARGED TOILET ROOM PLAN**
1/4" = 1'-0"



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VERO BEACH, FL 32960
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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

TOILET ROOM PLANS-GYMNASIUM - BUILDING 4

COMMISSION NUMBER:

26K014

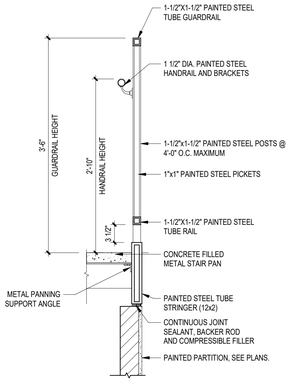
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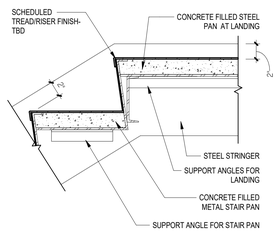
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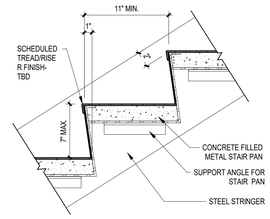
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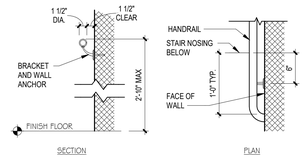
1 GUARDRAIL DETAIL
1" = 1'-0"



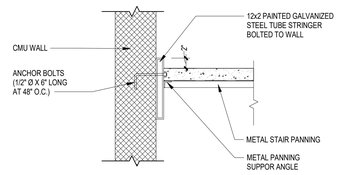
2 INTERIOR STAIR STAIR LANDING DETAIL (STEEL)
1 1/2" = 1'-0"



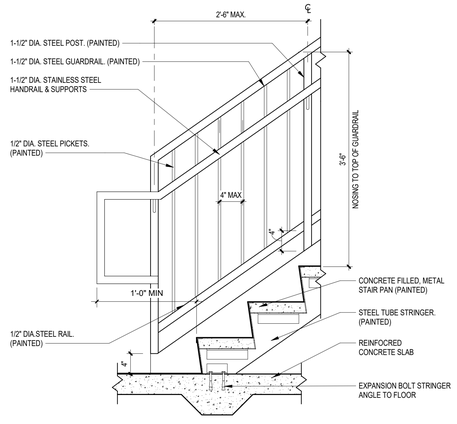
3 INTERIOR STAIR TREAD DETAIL (STEEL)
1 1/2" = 1'-0"



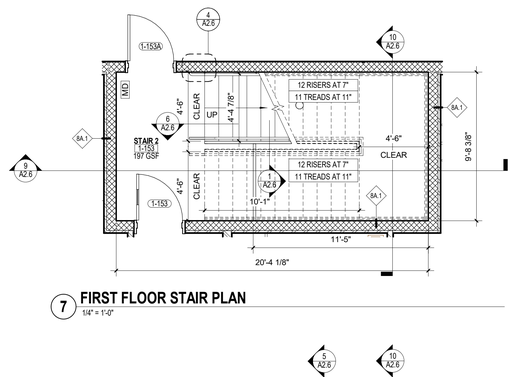
4 HANDRAIL DETAIL
1" = 1'-0"



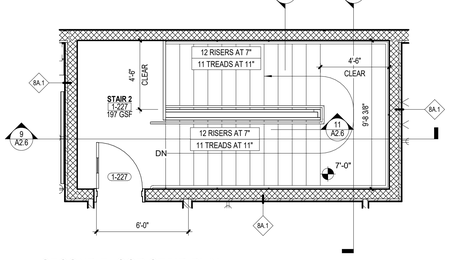
5 LANDING STRINGER DETAIL
1" = 1'-0"



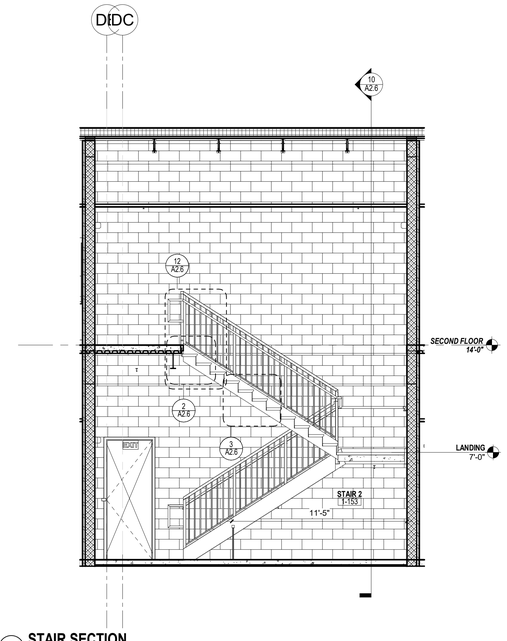
6 TYP GUARDRAIL DETAIL AT BASE LANDING
1" = 1'-0"



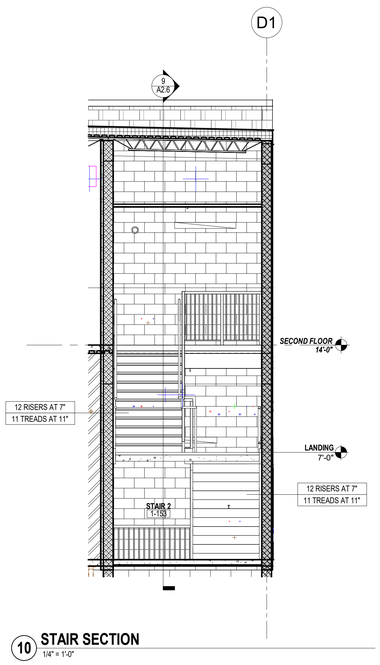
7 FIRST FLOOR STAIR PLAN
1/4" = 1'-0"



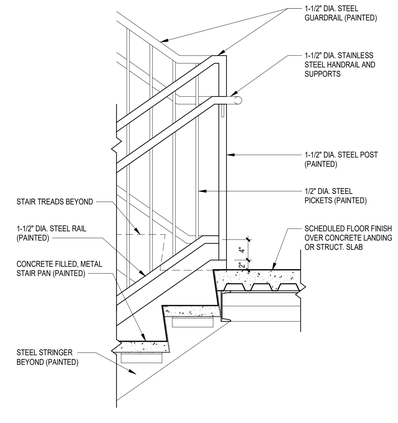
8 SECOND FLOOR STAIR PLAN
1/4" = 1'-0"



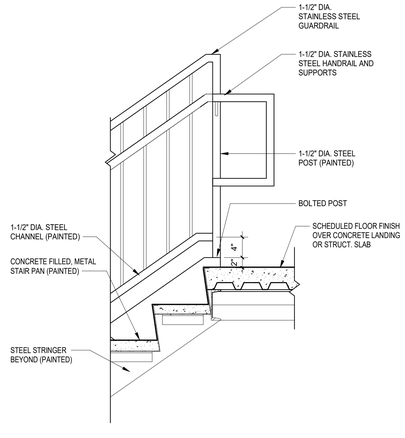
9 STAIR SECTION
1/4" = 1'-0"



10 STAIR SECTION
1/4" = 1'-0"



11 TYP GUARDRAIL DETAIL AT MID LANDING
1" = 1'-0"



12 TYP GUARDRAIL DETAIL AT TOP LANDING
1" = 1'-0"

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SPIEZLE ARCHITECTURAL GROUP INC.
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FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

STAIR PLANS AND DETAILS - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

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DRAWING NUMBER:

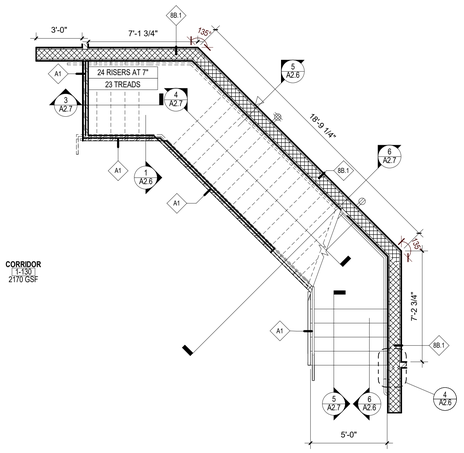
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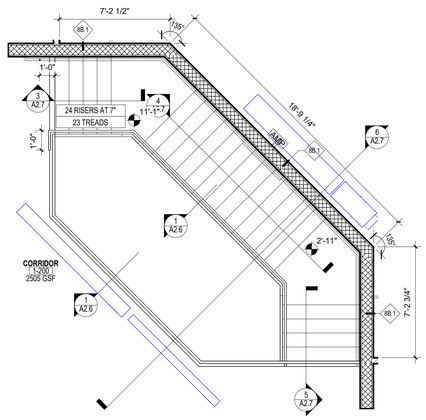
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DRAWN BY:Author CHECKED BY:Checker



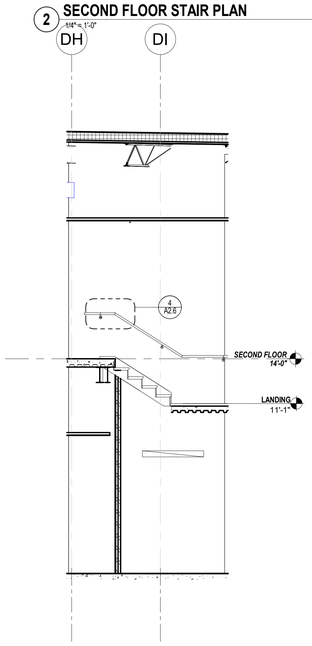
1 FIRST FLOOR STAIR PLAN

1/4" = 1'-0"



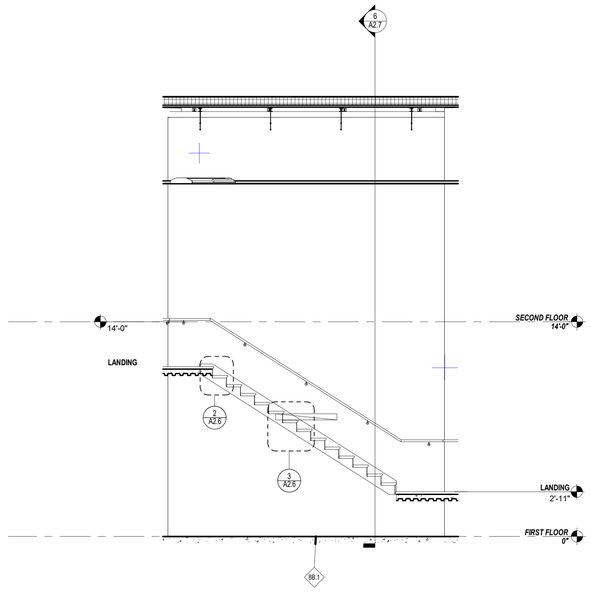
2 SECOND FLOOR STAIR PLAN

1/4" = 1'-0"



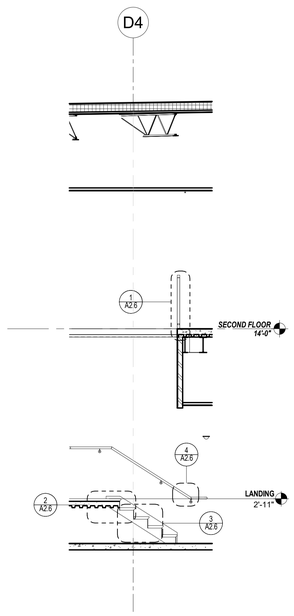
3 STAIR SECTION

1/4" = 1'-0"



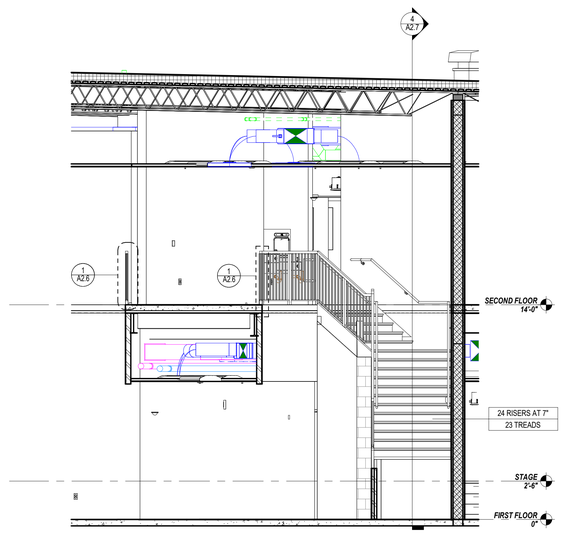
4 STAIR SECTION

1/4" = 1'-0"



5 STAIR SECTION

1/4" = 1'-0"



6 STAIR SECTION

1/4" = 1'-0"

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FOR CODE REVIEW: 08/26/2026

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FOR BID: 08/26/2026

DRAWING TITLE:

STAIR PLANS AND DETAILS - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

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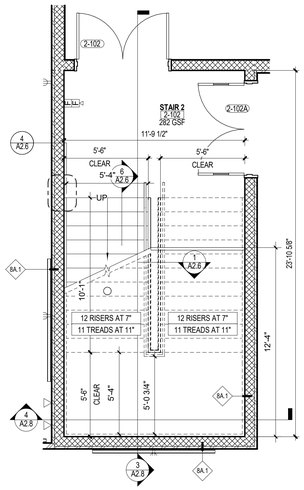
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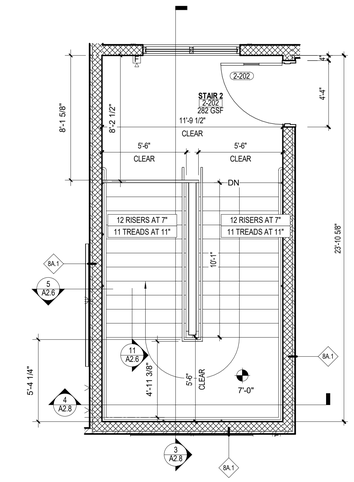
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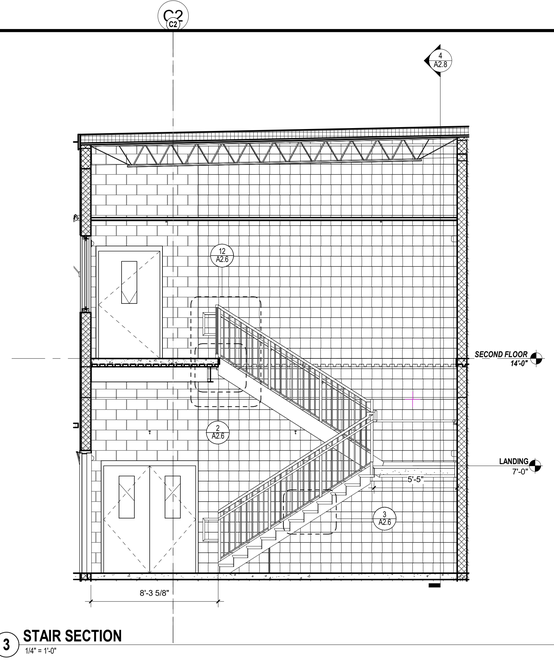
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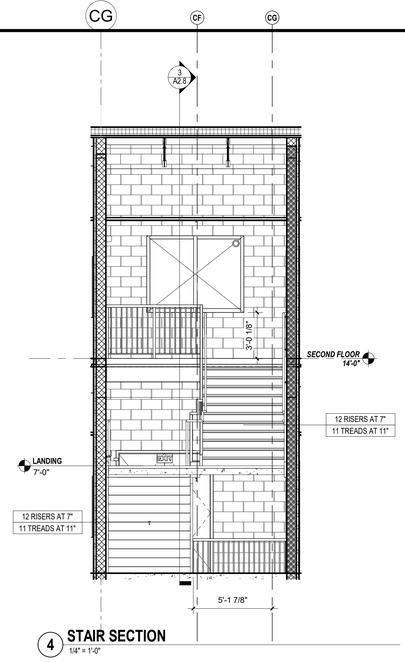
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1/4" = 1'-0"



2 SECOND FLOOR STAIR PLAN
1/4" = 1'-0"

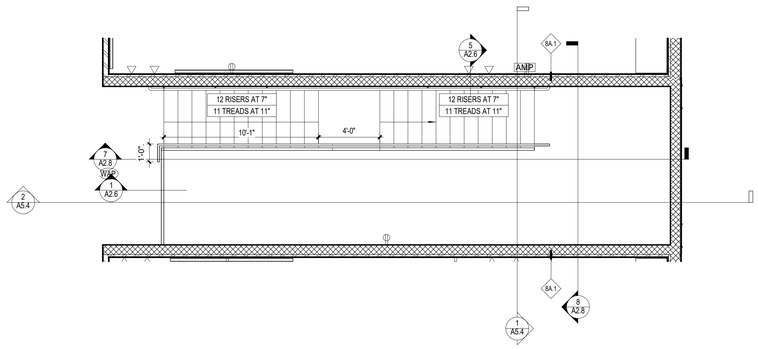


3 STAIR SECTION
1/4" = 1'-0"



4 STAIR SECTION
1/4" = 1'-0"

5 FIRST FLOOR STAIR PLAN
1/4" = 1'-0"



6 SECOND FLOOR STAIR PLAN
1/4" = 1'-0"

7 STAIR SECTION
1/4" = 1'-0"

8 STAIR SECTION
1/4" = 1'-0"

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

STAIR PLANS AND DETAILS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5

COMMISSION NUMBER:

26K014

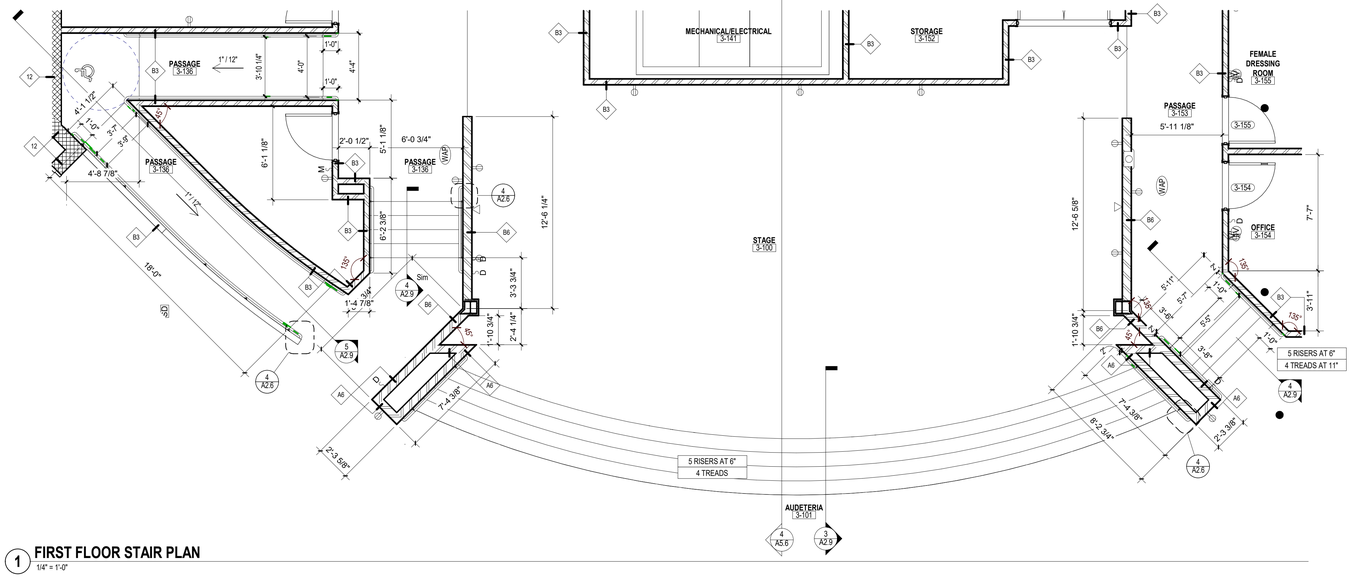
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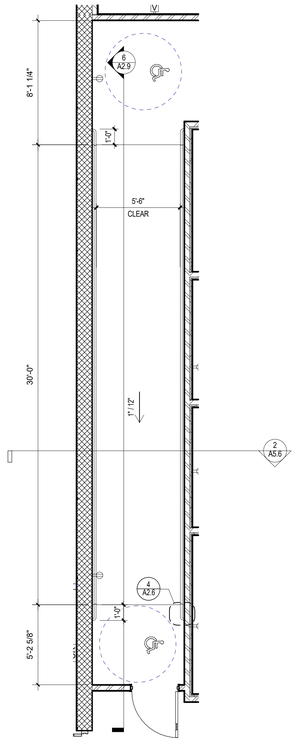
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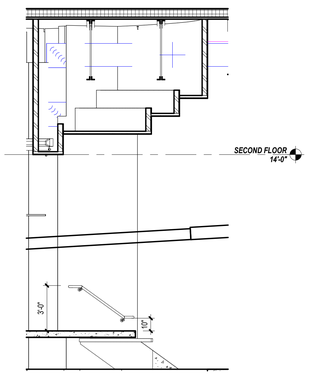
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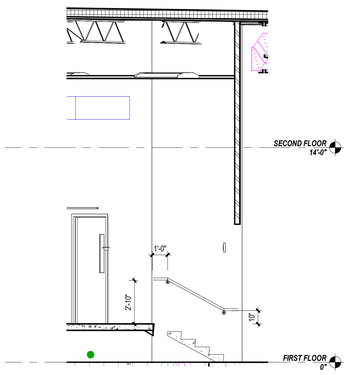
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1/4" = 1'-0"



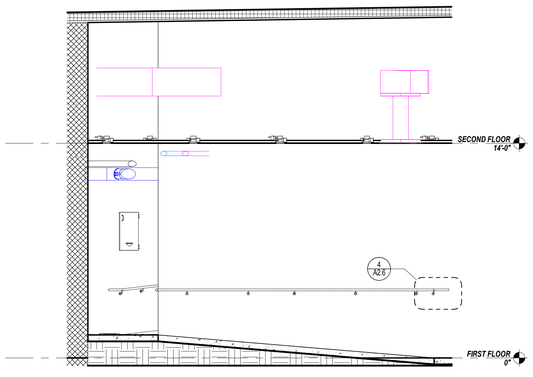
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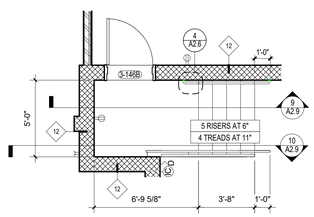
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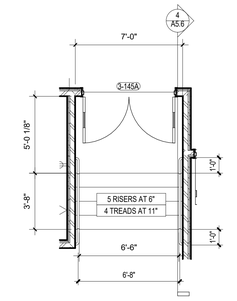
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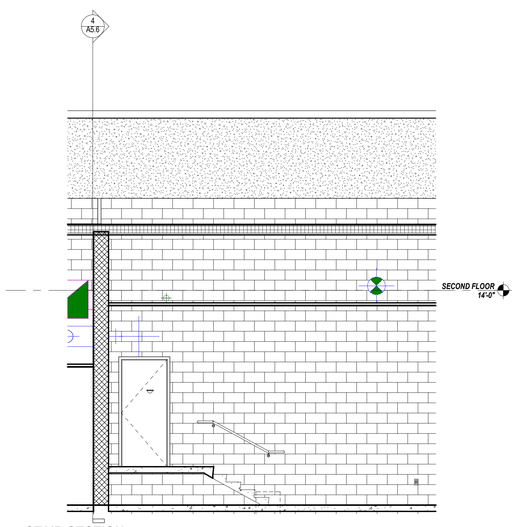
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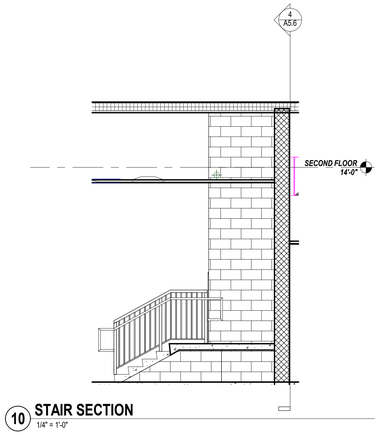
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1/4" = 1'-0"



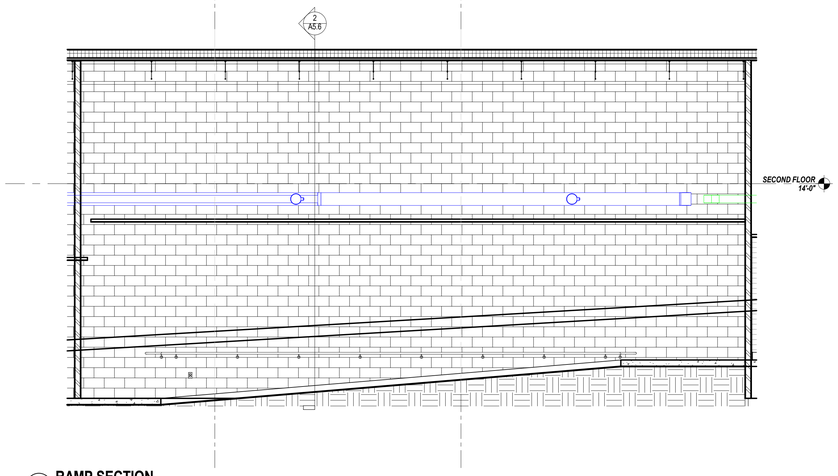
8 FIRST FLOOR STAIR PLAN
1/4" = 1'-0"



9 STAIR SECTION
1/4" = 1'-0"



10 STAIR SECTION
1/4" = 1'-0"



6 RAMP SECTION
1/4" = 1'-0"

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spiezle

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FOR

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FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

STAIR PLANS AND DETAILS - AUDETERIA - BUILDING 3

COMMISSION NUMBER:

26K014

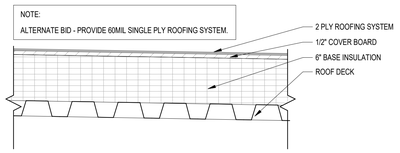
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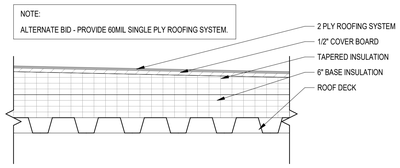
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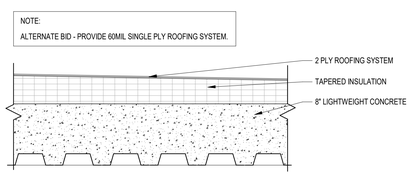
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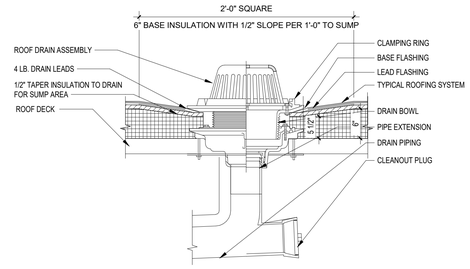
1 R1 ROOFING SYSTEM
1 1/2" = 1'-0"



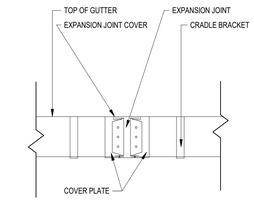
2 R2 ROOFING SYSTEM
1 1/2" = 1'-0"



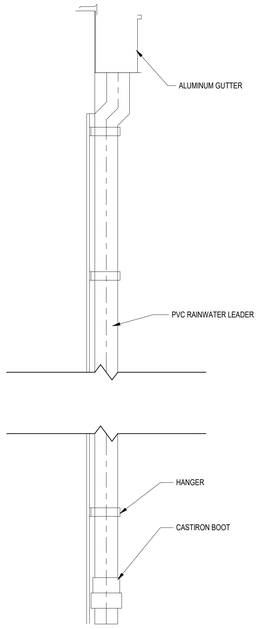
3 R3 ROOFING SYSTEM
1 1/2" = 1'-0"



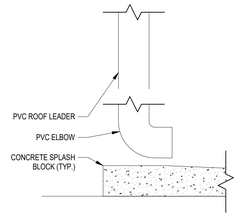
4 SINGLE ROOF DRAIN DETAIL
1 1/2" = 1'-0"



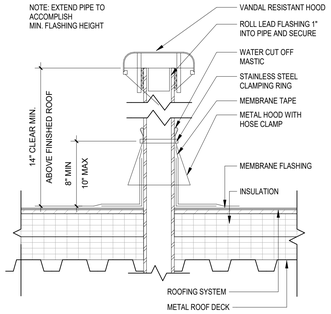
5 GUTTER EXPANSION JOINT
1 1/2" = 1'-0"



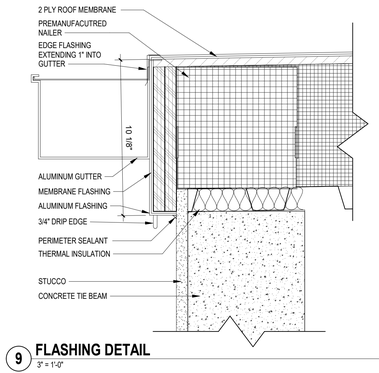
6 GUTTER AND DOWNSPOUT
1 1/2" = 1'-0"



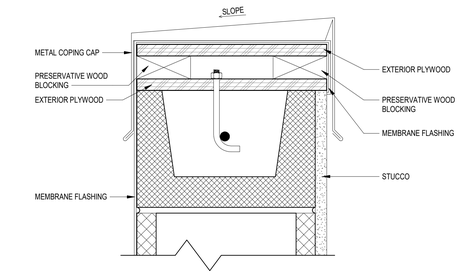
7 LEADER/DOWNSPOUT DISCHARGE DETAIL
1 1/2" = 1'-0"



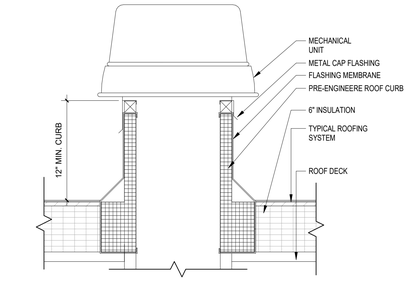
8 PIPE VENT DETAIL
1 1/2" = 1'-0"



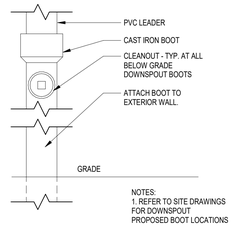
9 FLASHING DETAIL
3" = 1'-0"



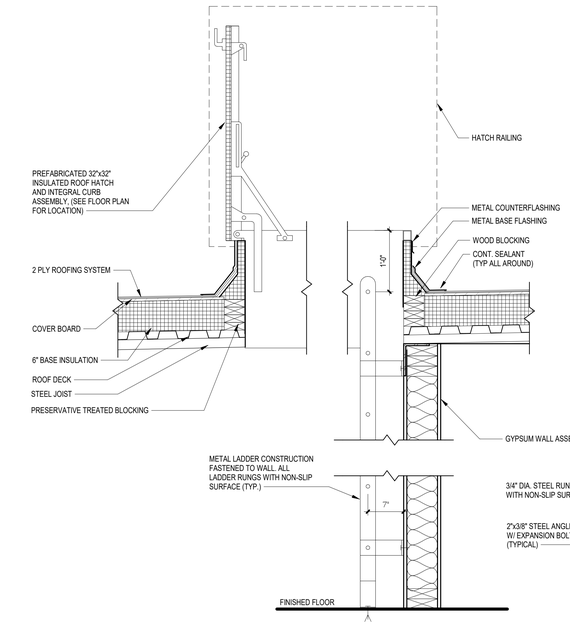
10 FLASHING DETAIL
3" = 1'-0"



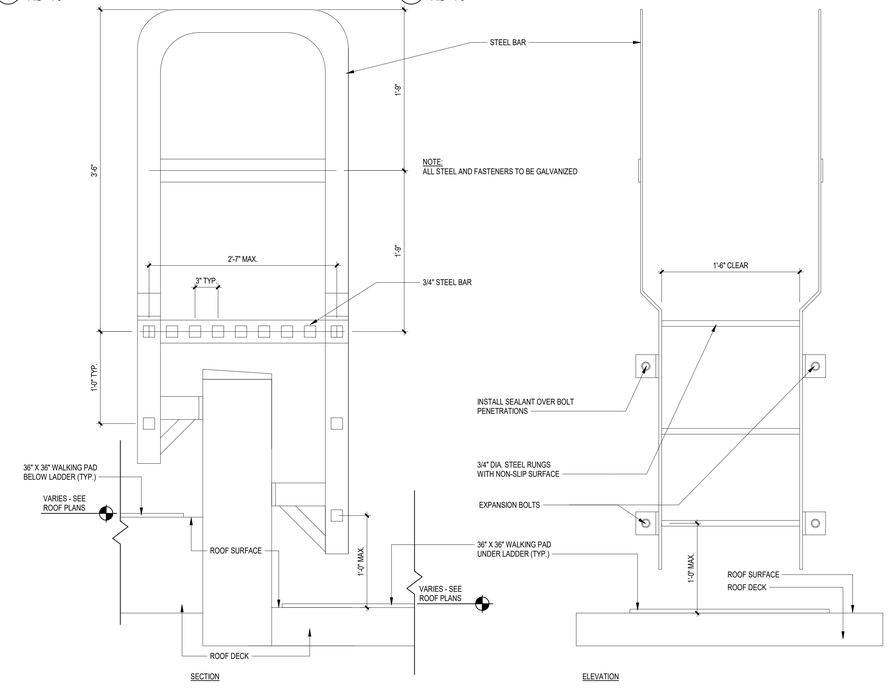
11 EXHAUST FAN DETAIL
1 1/2" = 1'-0"



12 LEADER/DOWNSPOUT DISCHARGE DETAIL
1 1/2" = 1'-0"



13 HATCH AND LADDER DETAIL
1" = 1'-0"



15 TRANSITION LADDER
1 1/2" = 1'-0"

GENERAL ROOFING NOTES

1. SEE ROOF PLAN FOR DESIGNATION OF SPECIFIC 'ROOF ASSEMBLY TYPES'.
2. THE QUANTITY AND LOCATION OF ROOFTOP EQUIPMENT INCLUDING BUT NOT LIMITED TO MECHANICAL UNITS, ROOF AND OVERFLOW DRAINS, VENTS AND ELECTRICAL CONDUIT AND DEVICES ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR MUST FIELD VERIFY ALL CONDITIONS INDICATED UNDER BASE BIDS, ALTERNATE BIDS AND SEPARATE CONTRACT(S) WHERE APPLICABLE.
3. ALL ROOFS SHALL SLOPE AT A MINIMUM RATE OF 1/4" PER FOOT, UNLESS OTHERWISE NOTED. PROVIDE ADDITIONAL TAPERED INSULATION TO MAINTAIN REQUIRED SLOPE WHETHER INDICATED OR NOT.
4. ROOF CRICKETS SHALL SLOPE AT A MINIMUM RATE OF 1/2" PER FOOT AND BE LOCATED IN LOW VALLEYS, BETWEEN ROOF DRAINS AND BEHIND EQUIPMENT TO DIVERT WATER AROUND CURBS, RAILS AND OTHER EQUIPMENT SUPPORTS, WHETHER INDICATED OR NOT.
5. A MINIMUM BASE INSULATION THICKNESS OF 6" SHALL BE PROVIDED AT ALL ROOFS. PROVIDE ADDITIONAL BASE INSULATION THICKNESS AND/OR TAPERED INSULATION AS REQUIRED TO MEET R-VALUE REQUIREMENTS INDICATED ON THE DRAWINGS OR AS OUTLINED IN THE SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. WITH THE EXCEPTION OF ROOF DRAIN PANS, NO POINT ON THE ROOF SHALL HAVE LESS THAN THE REQUIRED MINIMUM THICKNESS OF BASE INSULATION.
6. ALL WOOD BLOCKING AND PLYWOOD SHEATHING SHALL BE PRESSURE TREATED. UNLESS OTHERWISE NOTED, ALL PLYWOOD SHEATHING SHALL BE A MINIMUM OF 1/2" THICK.
7. PROVIDE 'SELLOWS' TYPE EXPANSION AND/OR CONTROL JOINTS IN ROOF SYSTEMS WHERE SHOWN ON DRAWINGS AND AS RECOMMENDED BY THE ROOFING MANUFACTURER.
8. TAPERED EDGE STRIPS SHALL BE USED AT ALL TRANSITIONS FROM TAPERED TO FLAT INSULATION BOARDS AND AT ALL PERIMETER ROOF EDGES.
9. MAINTAIN CONSTANT ROOF EDGE ELEVATIONS ACROSS THE SAME HORIZONTAL PLANE.
10. INSULATE ALL HORIZONTAL ROOF/STORM DRAINAGE PIPING.
11. PROVIDE CONCRETE SPLASHBLOCKS AT ALL DOWNSPOUTS AND CONDENSATE PIPING LOCATIONS WHICH ARE NOT TIED DIRECTLY INTO THE BUILDINGS STORM DRAINAGE SYSTEM. SPLASHBLOCKS SHALL BE SELF-BALLASTING AND PLACE ON A ROOF WALKWAY OR OTHER PROTECTION PAD AS COMPATIBLE AND APPROVED BY THE ROOFING SYSTEM MANUFACTURER.
12. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF ROOF DRAINS, OVERFLOW DRAINS AND DOWNSPOUT LEADERS WITH WINDOW LOCATIONS AND OTHER BUILDING FEATURES. CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
13. WHETHER INDICATED OR NOT ON THE DRAWINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING ALL ROOFTOP EQUIPMENT AND PENETRATIONS PER THE DETAILS AND/OR ROOFING MANUFACTURER'S REQUIREMENTS, WHICHEVER IS STRICTER.
14. PROVIDE ROOF PROTECTION PADS COMPATIBLE WITH THE SPECIFIED ROOFING SYSTEM BELOW ALL POINTS OF CONTACT OF EQUIPMENT SUPPORT RAILS, DUCT SUPPORTS, PIPE CARRIERS AND OTHER SUPPORT DEVICES WHICH DO NOT PENETRATE THE ROOF.
15. EXTEND/RAISE ALL EXISTING ROOF CURBS, EQUIPMENT, SKYLIGHTS, ETC. TO MAINTAIN A MINIMUM OF 8" HIGH FLASHING ABOVE THE FINISHED ROOF SURFACE.
16. DETAILS SHOWN ARE FOR BASE BID ROOFING SYSTEMS. WHERE ACCEPTED, THE CONTRACTOR SHALL PROVIDE REVISED DETAILS FOR ALTERNATE BID ROOFING SYSTEMS PER THE MANUFACTURER'S RECOMMENDATIONS.
17. THE [STEEL] CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SUPPLEMENTAL STEEL SUPPORT ANGLES AND OTHER FRAMING AS REQUIRED AT ALL NEW AND/OR RELOCATED ROOF DRAIN ASSEMBLIES OR OTHER PENETRATIONS GREATER THAN 4" DIAMETER, WHETHER INDICATED OR NOT.
18. LOCATIONS OF ROOF DRAINS, OVERFLOW DRAINS AND OTHER ROOF PENETRATIONS ARE DIAGRAMMATIC AND MUST BE COORDINATED WITH OTHER ASPECTS OF THE WORK. THE CONTRACTOR SHALL COORDINATE FINAL PLACEMENT OF DRAINS AND EQUIPMENT WITH STEEL FRAMING, EXISTING EQUIPMENT AND CONDITIONS BELOW THE ROOF DECK THAT MAY INHIBIT THE INSTALLATION OF SAID EQUIPMENT FROM LOCATIONS DEPICTED IN THE DRAWINGS. TO THE GREATEST EXTENT, ROOF DRAINS SHALL BE LOCATED TO PROVIDE UNIFORM CRICKET HEIGHTS AND UNOBSTRUCTED FLOW TO DRAINS WHILE MINIMIZING INSULATION HEIGHTS AT PARAPETS OR OTHER RISING WALL CONDITIONS.
19. TAPERED INSULATION LAYOUTS ARE FOR GENERAL REFERENCE ONLY. THE CONTRACTOR SHALL PROVIDE TAPERED INSULATION DRAWINGS AND SPECIFIC MANUFACTURING DETAILS FOR REVIEW AND APPROVAL.
20. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL HAZARDOUS MATERIALS. REFER TO THE PROJECT MANUAL AND ABATEMENT DRAWINGS FOR ADDITIONAL INFORMATION REGARDING REMOVAL, HANDLING AND DISPOSAL PROCEDURES.
21. REPLACE DAMAGED MATERIALS AND ASSEMBLIES IN 'LIKE KIND' LEAVING NO EVIDENCE OF PATCHING OR REPAIRS AS DETERMINED BY THE ARCHITECT AND AT NO COST TO THE OWNER.
22. NO SCREWS AND/OR PLATES SHALL BE USED TO ADHERE BASE SHEETS TO EXISTING WOOD DECKING. CONSULT THE RECOMMENDATIONS OF THE ROOFING MANUFACTURER FOR BASE SHEET INSTALLATION OVER WOOD DECKS.
23. ALL ROOF TRANSITION LADDERS SHALL BE PRE-FABRICATED STEEL CONSTRUCTION WITH SLIP-RESISTANT RUNGS. LADDERS SHALL BE FULLY SUPPORTED BY WALL/PARAPET CONSTRUCTION WITHOUT SUPPORT OR PENETRATION OF THE ROOFING ASSEMBLIES. PROVIDE (1) 36"x36" ROOF WALKWAY PAD BELOW EACH SIDE OF THE TRANSITION LADDER COMPATIBLE WITH THE ROOFING SYSTEM.
24. REVIEW ROOF EDGE PROTECTION REQUIREMENTS. TYPICALLY NEED A FALL ARREST SYSTEM (ANCHOR POINTS) OR GUARDRAIL/PARAPET AT OPEN ROOF EDGES.

ROOF LEGEND:

- CRICKET - SLOPE TO DRAIN (TYPICAL) 1/2"/FT. MIN. (TYPICAL)
- TAPERED RIGID INSULATION SLOPE TO DRAIN (TYPICAL) 1/4"/FT. MIN. (TYPICAL)
- MEDAL ROOF ON PERLINS
- 36" PROTECTIVE WALKWAY PAD
- 1 / A1.1 SIM — DETAIL NUMBER / DRAWING NUMBER
- HIGH / LOW — ROOF TRANSITION or ROOF STEP
- RD / OD — ROOF DRAIN / OVERFLOW DRAIN
- RTU — ROOF TOP UNIT
- EF — EXHAUST FAN
- **AI** AIR INTAKE
- **RV** ROOF VENT
- **RWL** RAINWATER LEADER
- **PV** PLUMBING VENT
- **TWS** THRU-WALL SCUPPER
- **DST** DUCT SUPPORT
- **HP** HIGH POINT
- **LP** LOW POINT

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80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
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DESIGN DEVELOPMENT
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SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

ROOF PLAN AND DETAILS

COMMISSION NUMBER:
26K014

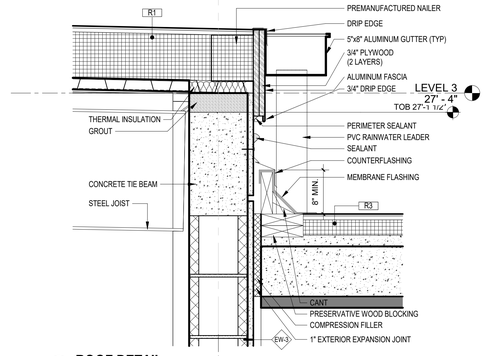
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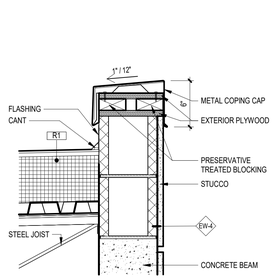
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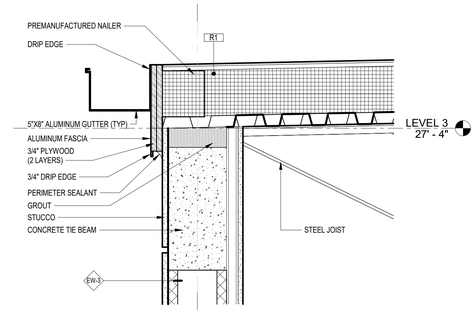
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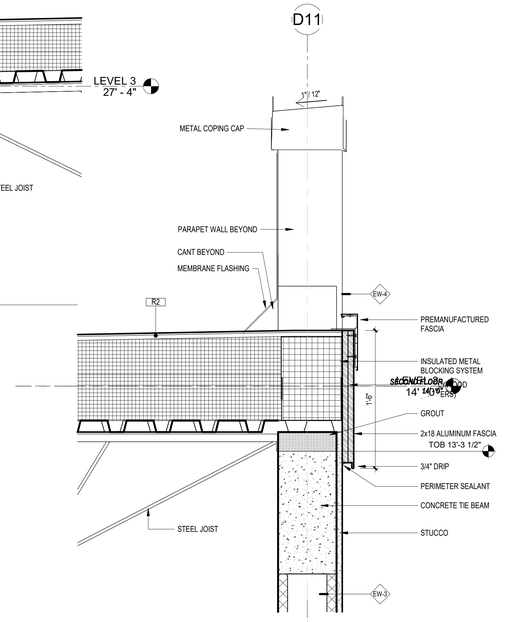
2 ROOF DETAIL
1 1/2" = 1'-0"



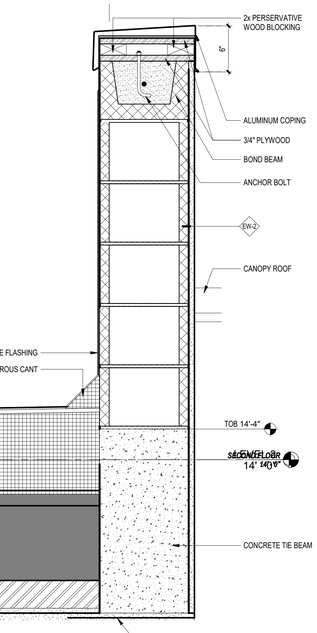
3 ROOF DETAIL
1 1/2" = 1'-0"

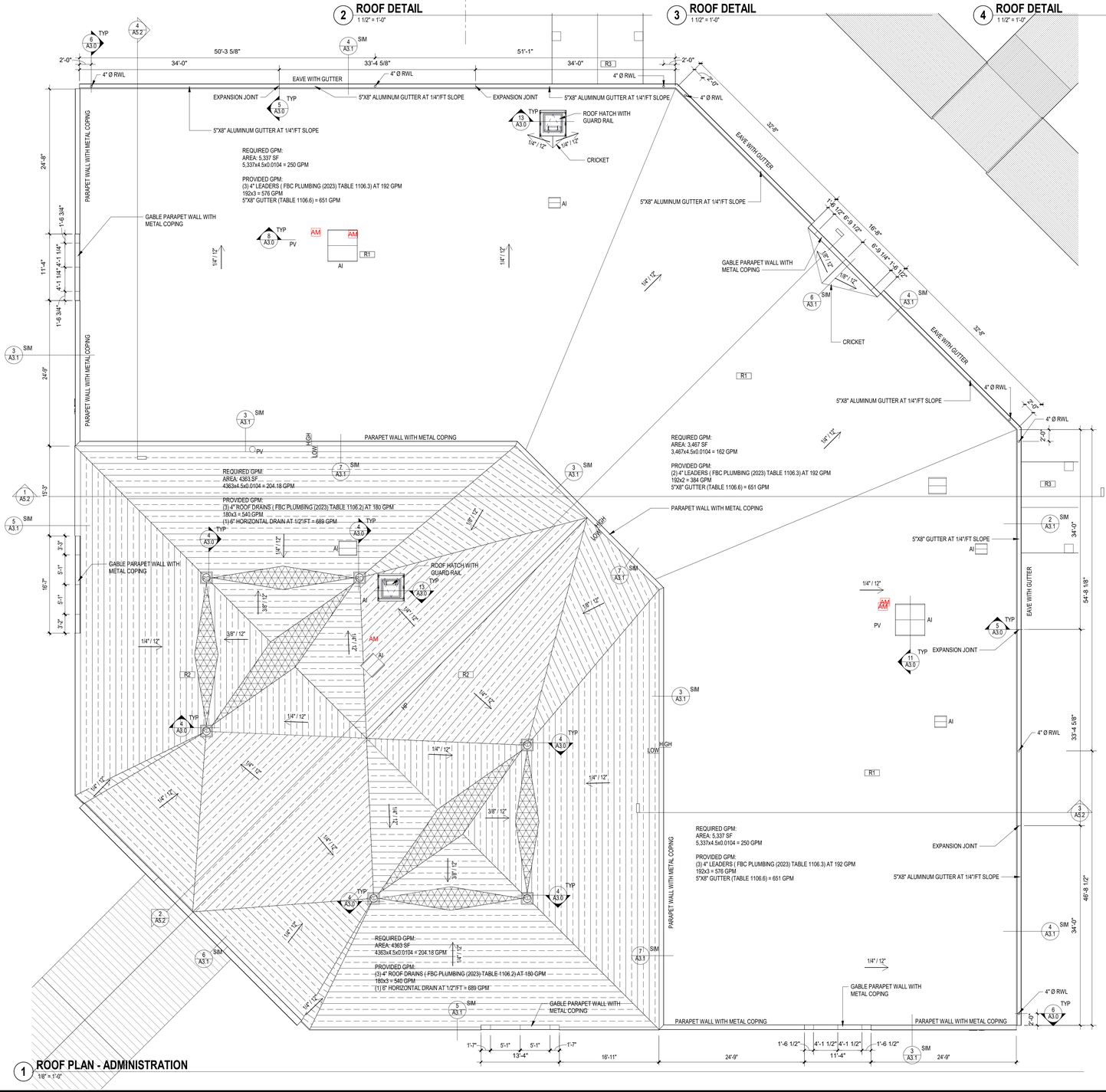


4 ROOF DETAIL
1 1/2" = 1'-0"

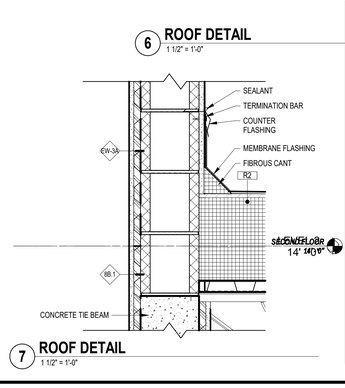


5 ROOF DETAIL
1 1/2" = 1'-0"



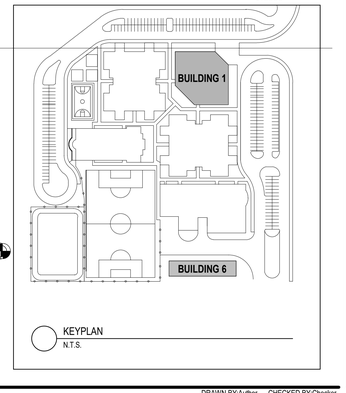


1 ROOF PLAN - ADMINISTRATION
1/8" = 1'-0"



6 ROOF DETAIL
1 1/2" = 1'-0"

7 ROOF DETAIL
1 1/2" = 1'-0"



CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

ROOF PLAN AND DETAILS - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

A3.1

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

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1 ROOF PLAN - CLASSROOM BUILDING 1 AND 2
1/8" = 1'-0"

REQUIRED GMP:
ROOF AREA: 2,939 SF
2,939x4.5x0.0104 = 138GPM

PROVIDED GPM:
(4) 4" LEADERS (FBC PLUMBING (2023) TABLE 1106.3) AT 192GPM
192x4 = 768GPM
5"X8" GUTTER (TABLE 1106.6) = 651GPM

REQUIRED GMP:
ROOF AREA: 5494 SF
5,949x4.5x0.0104 = 278GPM

PROVIDED GPM:
(3) 4" LEADERS (FBC PLUMBING (2023) TABLE 1106.3) AT 192GPM
192x3 = 576GPM
5"X8" GUTTER (TABLE 1106.6) = 651GPM

BRIDGE

ROOF HATCH WITH GURAD RAIL

RAISED PARAPET

ROOF CRICKET

CRICKET

5"X8" ALUMINUM GUTTER AT 1/4"/FT SLOPE

EXPANSION JOINT

4" Ø RWL

PV

AI

AM

HP

R1

R3

2 ROOF DETAIL
1 1/2" = 1'-0"

PREMANUFACTURED NAILER
ALUMINUM DRIP EDGE
5"x8" ALUMINUM GUTTER (TYP)
GROUT
ALUMINUM FASCIA
3/4" PLY WOOD (2 LAYERS)
3/4" DRIP EDGE
PERIMETER SEALANT
STUCCO
CONCRETE TIE BEAM
SEALANT
COUNTER FLASHING
MEMBRANE FLASHING
CANT
LEVEL 3 27' - 4"

3 ROOF DETAIL
1 1/2" = 1'-0"

PREMANUFACTURED NAILER
ALUMINUM DRIP EDGE
5"X8" ALUMINUM GUTTER (TYP)
GROUT
ALUMINUM FASCIA
3/4" DRIP EDGE
PVC RAINWATER LEADER
PERIMETER SEALANT
CONCRETE TIE BEAM
STUCCO
LEVEL 3 27' - 4"

KEYPLAN
N.T.S.
BUILDING 1
BUILDING 6

CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
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STEVE LEONE	AR98370

SEAL:

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DESIGN DEVELOPMENT
5/29/2026

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

ROOF PLAN AND DETAILS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

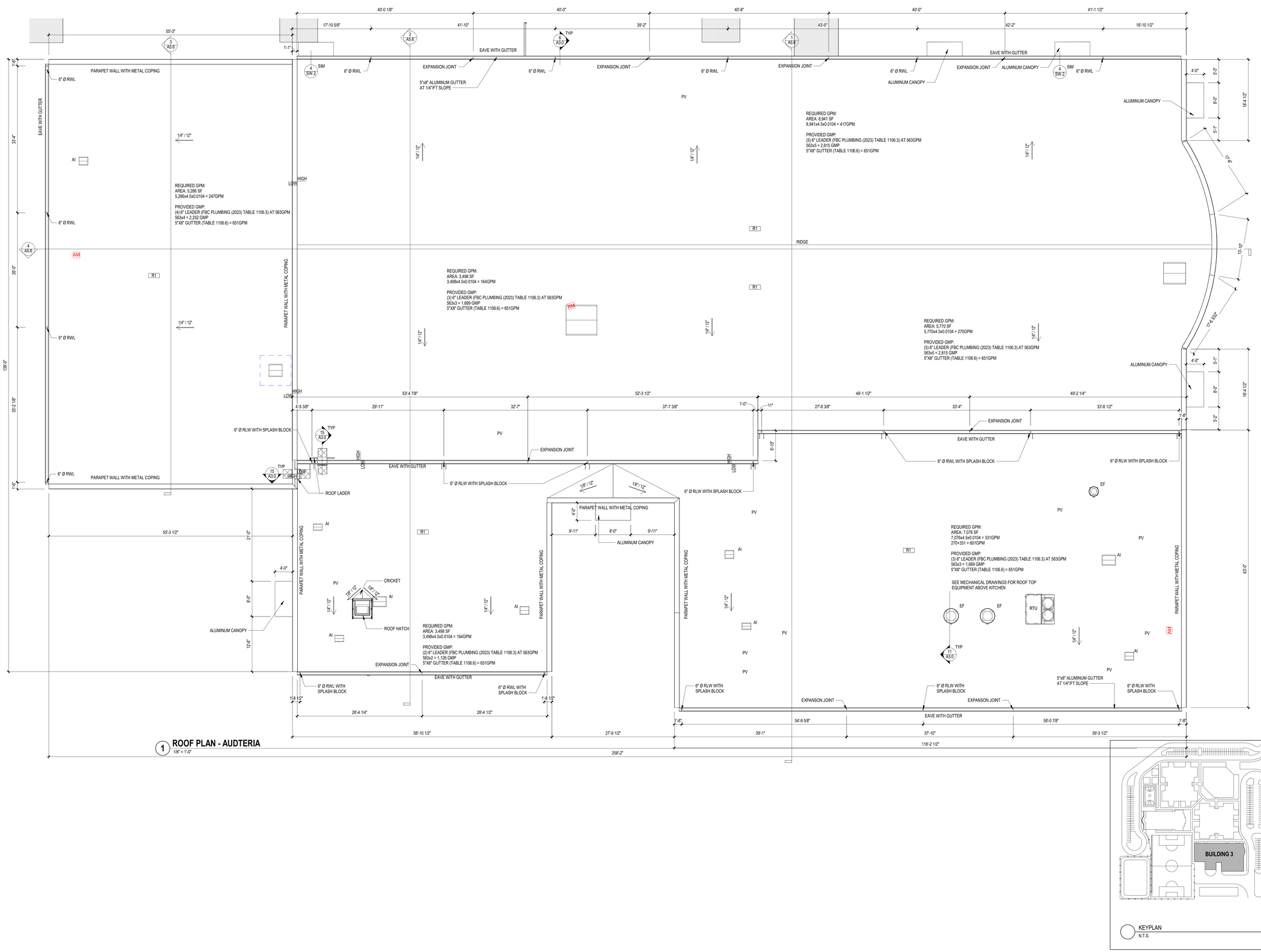
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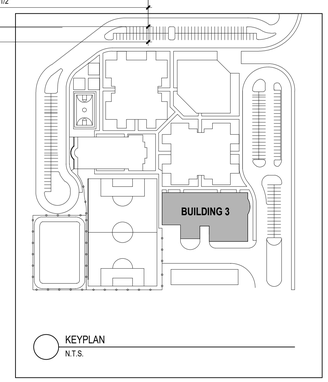
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DRAWN BY:Author CHECKED BY:Checker



1 **ROOF PLAN - AUDTERIA**
1/8" = 1'-0"



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

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FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

ROOF PLAN AND DETAILS - AUDETERIA - BUILDING 3

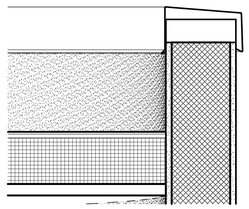
COMMISSION NUMBER:
26K014

DO NOT SCALE THE DRAWINGS

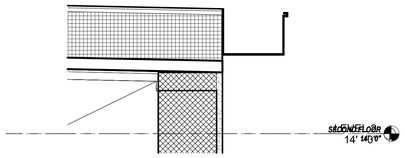
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THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

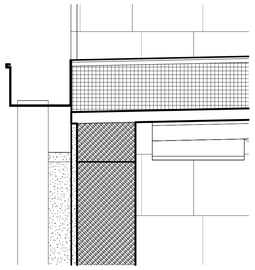
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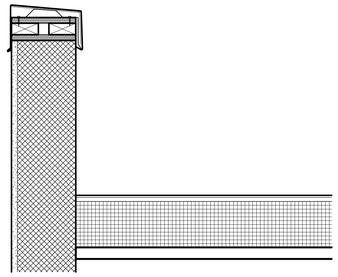
2 ROOF DETAIL 2 - GYM
1 1/2" = 1'-0"



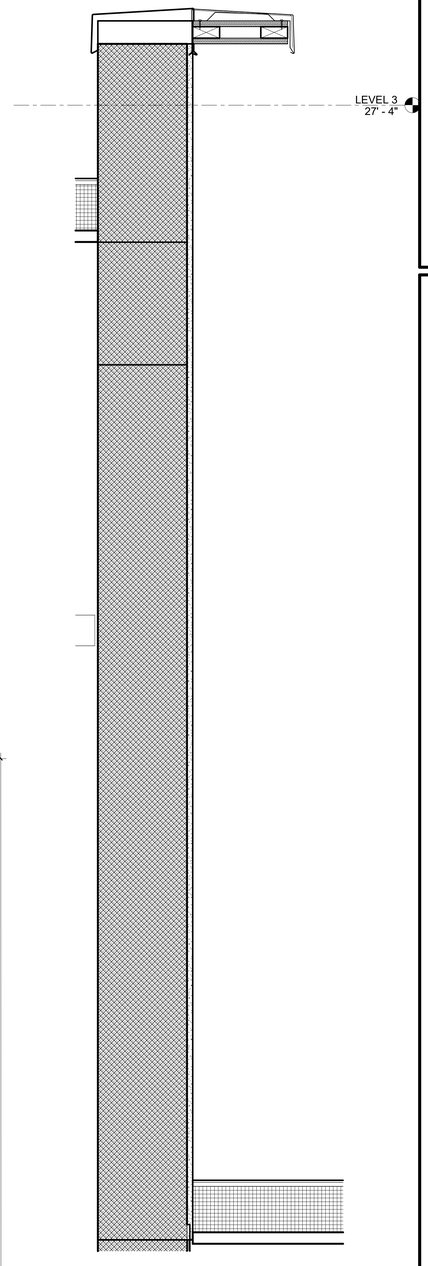
8 ROOF DETAIL 3 - GYM
1 1/2" = 1'-0"



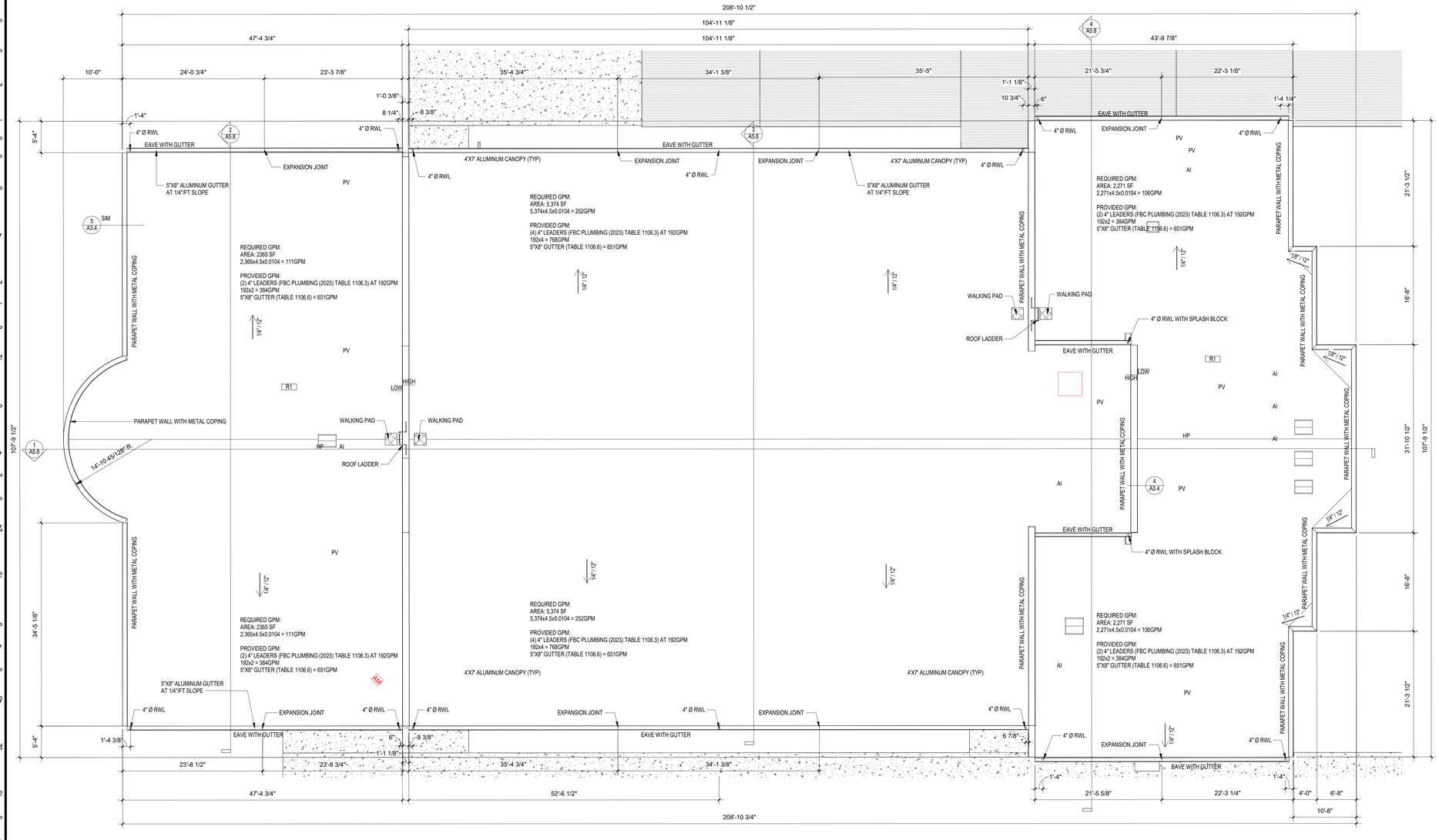
3 ROOF DETAIL 4 - GYM
1 1/2" = 1'-0"



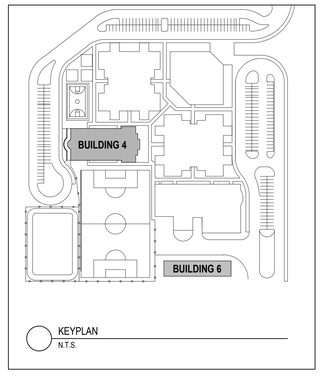
5 ROOF DETAIL 5 - GYM
1 1/2" = 1'-0"



4 ROOF DETAIL 6 - GYM
1 1/2" = 1'-0"



1 ROOF PLAN - GYMNASIUM
1/8" = 1'-0"



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
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9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE
4		

FOR BID: 08/26/2026

DRAWING TITLE:

ROOF PLAN AND DETAILS - GYMNASIUM - BUILDING 4

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

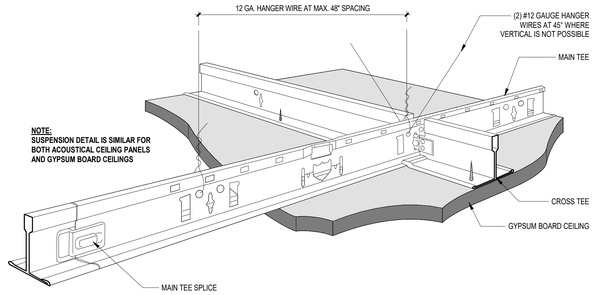
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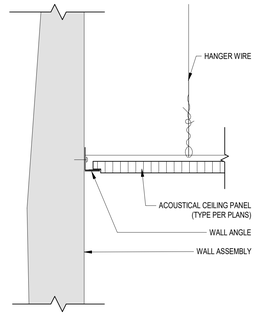
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DRAWN BY:Author CHECKED BY:Checker



1 **TYPICAL SUSPENDED CEILING DETAIL**
3" = 1'-0"



2 **EDGE DETAIL AT ACOUSTIC CEILING PANEL**
3" = 1'-0"

CEILING TYPE SCHEDULE	
TYPE MARK	DESCRIPTION
ACP-1	ACOUSTIC CEILING PANEL SYSTEM 24"x24"
GBC-1	<varies>
GBC-2	GYPSUM BOARD CEILING

CEILING NOTES

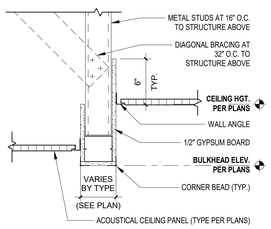
XXX.# — CEILING TYPE (SEE SPECIFICATION FOR TYPES)
12'-10" — HEIGHT ABOVE FINISHED FLOOR

NOTES:
1. INCLUSION OF SYMBOL IN LEGEND DOES NOT IMPLY SCOPE OF WORK. REFER TO PLANS.
2. CONTRACTORS SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF FIXTURES AND OTHER CEILING DEVICES.
3. REFER TO M/E/P DRAWINGS FOR SIZES, TYPES, QUANTITIES AND INSTALLATION REQUIREMENTS OF FIXTURES AND CEILING DEVICES.
4. COORDINATE ALL AUDIO & VISUAL DEVICES WITH A/V DRAWINGS. A/V EQUIPMENT SHOWN HERE, INCLUDING PROJECTORS AND PROJECTION SCREENS ARE DIAGRAMMATIC AND ARE SHOWN HERE TO DEPICT ADJACENCIES WITH OTHER LIGHTING AND CEILING DEVICES.
5. REFER TO ENGINEERING DRAWINGS FOR LOCATION OF ACCESS PANELS (TYP.)

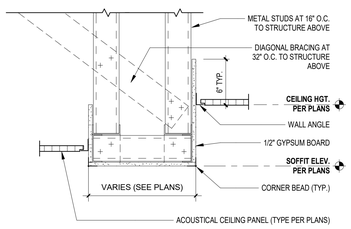
GENERAL FASTENING REQUIREMENTS

INSTALL ACOUSTICAL PANEL CEILINGS TO COMPLY WITH ASTM C 636 AND SEISMIC DESIGN REQUIREMENTS INDICATED, ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND CISCA's "CEILING SYSTEMS HANDBOOK". COMPLY WITH GOVERNING REGULATIONS, REFERENCED STANDARDS, INDUSTRY STANDARDS APPLICABLE TO THE WORK AND AS SHOWN ON THE FINAL APPROVED SHOP DRAWINGS.

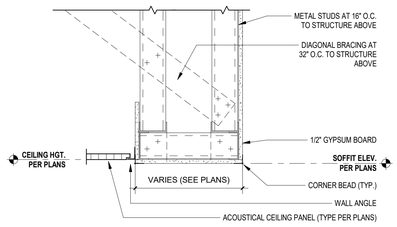
SUSPEND CEILING HANGERS FROM BUILDING'S STRUCTURAL MEMBERS AND AS FOLLOWS:
a. INSTALL HANGERS PLUMB AND FREE FROM CONTACT WITH INSULATION OR OTHER OBJECTS WITHIN CEILING PLENUM THAT ARE NOT PART OF SUPPORTING STRUCTURE OR OF CEILING SUSPENSION SYSTEM.
b. SPLAY HANGERS ONLY WHERE REQUIRED TO MISS OBSTRUCTIONS; OFFSET RESULTING HORIZONTAL FORCES BY BRACING , COUNTERSPLAYING, OR OTHER EQUALLY EFFECTIVE MEANS.
c. WHERE WIDTH OF DUCTS AND OTHER CONSTRUCTION WITHIN CEILING PLENUM PRODUCES HANGER SPACINGS THAT INTERFERE WITH LOCATION OF HANGERS AT SPACINGS REQUIRED TO SUPPORT STANDARD SUSPENSION SYSTEM MEMBERS, INSTALL SUPPLEMENTAL SUSPENSION MEMBERS AND HANGERS IN FORM OF TRAPEZES OR EQUIVALENT DEVICES.
d. SECURE WIRE HANGERS TO CEILING-SUSPENSION MEMBERS AND TO SUPPORT ABOVE WITH A MINIMUM OF THREE TIGHT TURNS. CONNECT HANGERS DIRECTLY EITHER TO STRUCTURES OR TO INSERTS, EYE SCREWS, OR OTHERWISE FAIL DUE TO AGE, CORROSION, OR ELEVATED TEMPERATURES.
e. SECURE FLAT, ANGLE, CHANNEL, AND ROD HANGERS TO STRUCTURE, INCLUDING INTERMEDIATE FRAMING MEMBERS, BY ATTACHING TO INSERTS, EYE SCREWS, OR OTHER DEVICES THAT ARE SECURE AND APPROPRIATE FOR BOTH THE STRUCTURE TO WHICH HANGERS ARE ATTACHED AND THE TYPE OF HANGER INVOLVED. INSTALL HANGERS IN A MANNER THAT WILL NOT CAUSE THEM TO DETERIORATE OR FAIL DUE TO AGE, CORROSION, OR ELEVATED TEMPERATURES.
f. DO NOT SUPPORT CEILINGS DIRECTLY FROM PERMANENT METAL FORMS OR FLOOR DECK. FASTEN HANGERS TO CAST-IN-PLACE HANGER INSERTS,OR POSTINSTALLED MECHANICAL FASTENERS THAT EXTEND THROUGH FORMS INTO CONCRETE.
g. WHEN STEEL FRAMING DOES NOT PERMIT INSTALLATION OF HANGER WIRES AT SPACING REQUIRED, INSTALL CARRYING CHANNELS OR OTHER SUPPLEMENTAL SUPPORT FOR ATTACHMENT OF HANGER WIRES.
h. DO NOT ATTACH HANGERS TO STEEL DECK TABS.
i. DO NOT ATTACH HANGERS TO STEEL ROOF DECK. ATTACH HANGERS TO STRUCTURAL MEMBERS.
j. SPACE HANGERS NOT MORE THAN 48" O.C. ALONG EACH MEMBER SUPPORTED DIRECTLY FROM HANGERS UNLESS OTHERWISE INDICATED; PROVIDE HANGERS NOT MORE THAN 8" FROM END OF EACH MEMBER.
k. SIZE SUPPLEMENTAL SUSPENSION MEMBERS AND HANGERS TO SUPPORT CEILING LOADS WITHIN PERFORMANCE LIMITS ESTABLISHED BY REFERENCED STANDARDS AND PUBLICATIONS.
l. ALL LIGHT FIXTURES, DUCTWORK, DIFFUSERS, SIGNAGE, FIRE ALARM, FIRE SPRINKLER, AUDIO/ VISUAL, ETC. MATERIALS AND EQUIPMENT IS NOT PERMITTED TO BE HUNG FROM THE SAME PANEL AND GRID SUSPENSION SYSTEMS. SUCH MATERIAL AND EQUIPMENT MUST BE INDEPENDENTLY SUSPENDED FROM THE STRUCTURE ABOVE.



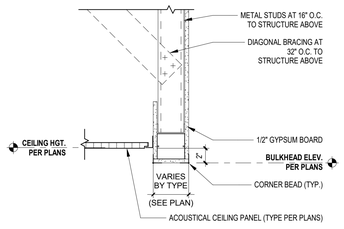
3 **FRAMED BULKHEAD DETAIL**
1 1/2" = 1'-0"



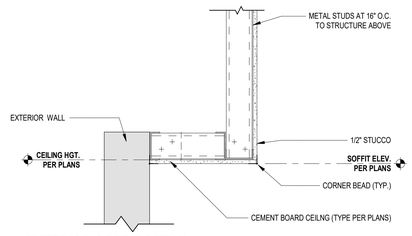
4 **FRAMED SOFFIT DETAIL**
1 1/2" = 1'-0"



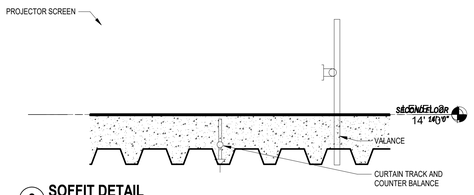
5 **FRAMED SOFFIT DETAIL**
1 1/2" = 1'-0"



6 **FRAMED BULKHEAD DETAIL**
1 1/2" = 1'-0"



7 **EXTERIOR SOFFIT DETAIL**
1 1/2" = 1'-0"



8 **SOFFIT DETAIL**
1 1/2" = 1'-0"

CURTAIN SCHEDULE

NAME	MATERIAL	COLOR	QUANTITY	FINISH HEIGHT	FINISH WIDTH	FULLNESS	TOP FINISH	BOTTOM FINISH	NOTES
VALANCE	25OZ CHARISMA IFR VELOUR	PER ARCHITECT	1	2'-0"	44'-0"	50%	WEBBING	5-INCH HEM	CEILING MOUNT TO PROSCENIUM
FRONT CURTAIN	25OZ CHARISMA IFR VELOUR	PER ARCHITECT	2	11'-0"	23'-0"	50%	WEBBING, GROMMETS, AND BITSNAPS	5-INCH HEM WITH INTERNAL CHAIN WEIGHT	PROVIDE WITH H&H SERIES 200 TOW-WAY DRAW TRACK, CEILING MOUNTED TO PROSCENIUM, 2-FT CENTER OVERLAP
BORDER #1	25OZ CHARISMA IFR VELOUR	BLACK	1	3'-0"	37'-0"	50%	WEBBING, GROMMETS, AND TIES	5-INCH HEM	TIE TO BATTEN
BORDER #2	25OZ CHARISMA IFR VELOUR	BLACK	1	3'-0"	37'-0"	50%	WEBBING, GROMMETS, AND TIES	5-INCH HEM	TIE TO BATTEN
REAR CURTAIN	25OZ CHARISMA IFR VELOUR	BLACK	2	14'-0"	21'-0"	50%	WEBBING, GROMMETS, AND BITSNAPS	5-INCH HEM WITH INTERNAL CHAIN WEIGHT	PROVIDE WITH H&H SERIES 300 WALK-ALONG TRACK WITH CURVES AS NEEDED, 2-FT CENTER OVERLAP
SIDE CURTAINS	25OZ CHARISMA IFR VELOUR	BLACK	2	14'-0"	18'-0"	50%	WEBBING, GROMMETS, AND BITSNAPS	5-INCH HEM WITH INTERNAL CHAIN WEIGHT	

CODE REVIEW:

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SUITE 404
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FOR BID: 08/26/2026

DRAWING TITLE:

CEILING DETAILS

COMMISSION NUMBER:
26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

A4.0

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

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DRAWN BY:Author CHECKED BY:Checker

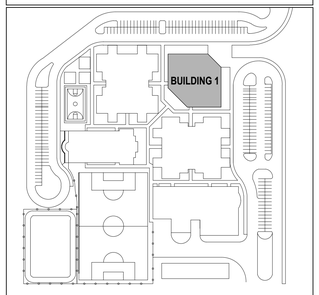


1 FIRST FLOOR REFLECTED CEILING PLAN - ADMINISTRATION
1/8" = 1'-0"

CEILING LEGEND

- XXX-# / 12'-10" — CEILING TYPE; HEIGHT ABOVE FINISHED FLOOR
- 24"x24" ACOUSTIC CEILING PANEL SYSTEM
- GYPSUM BOARD CEILING
- 24"x48" LAY IN LIGHT FIXTURE
- 24"x48" EMERGENCY BATTERY LAY IN LIGHT FIXTURE
- 12" X 48" LAY IN LIGHT FIXTURE
- 4" RECESSED LIGHT
- 4" EMERGENCY BATTERY RECESSED LIGHT
- 24" X 8" COVERED STRIP LIGHT
- 24" X 8" EMERGENCY BATTERY COVERED STRIP LIGHT
- HIGH BAY LIGHTING FIXTURE
- TRACK LIGHTING
- 48" X 12" COVERED STRIP LIGHT
- 48" X 12" EMERGENCY BATTERY COVERED STRIP LIGHT
- 48" X 2" NARROW STRIP LIGHT
- 24"x24" SUPPLY DIFFUSER
- 12"x12" SUPPLY DIFFUSER
- 24" X 24" RETURN GRILLE
- 12"x12" SIDE WALL EXHAUST GRILLE
- 6"x6" SIDE WALL EXHAUST GRILLE
- 8"x8" SIDE WALL EXHAUST GRILLE
- 22"x22" EXHAUST GRILLE
- 24"x24" PYRAMID SOUND DIFFUSER
- 48"x48" PYRAMID SOUND DIFFUSER
- 3/4" SPRINKLER PENDENT
- 1/2" SPRINKLER PENDENT
- 1/2" UPRIGHT SPRINKLER
- WIRELESS DATA DEVICE
- DATA OUTLET
- PROJECTOR
- PHOTOELECTRIC DETECTOR (PD)
- OCCUPANCY SENSOR
- INTERCOM SPEAKER (IS)
- A/V SPEAKER
- THERMAL DETECTOR (TD)
- ROUND DIFFUSER
- 4" RECESSED SHOWER LIGHT
- 4" EMERGENCY BATTERY RECESSED SHOWER LIGHT
- CEILING ACCESS PANEL
- SF — WALL MOUNTED STROBE FIRE ALARM
- EXIT SIGN
- CEILING MOUNTED PROJECTOR SCREEN
- 48"x96" CURVED SOUND DIFFUSER PANEL
- 48"x96" FIBERGLASS ACOUSTICAL PANEL
- 48"x48" FIBERGLASS ACOUSTICAL PANEL
- CEILING MOUNTED CURTAIN TRACK
- EXHAUST HOOD
- EXHAUST HOOD
- CD — CARBON MONOXIDE DETECTOR (CD)
- CLOSED CIRCUIT TV CAMERA CEILING MOUNTED (CCTV)
- WALL MOUNTED EXTERIOR LIGHT
- WALL MOUNTED CLOSED CIRCUIT TV CAMERA
- HS — WALL MOUNTED HORN SPEAKER
- WALL MOUNTED LINER LIGHT
- WALL MOUNTED FIRE ALARM
- EXPOSED DUCT WORK
- C — LIGHTING CONNECTOR
- $ — LIGHTING SWITCH
- MOTION DETECTOR

NOTES:
1. INCLUSION OF SYMBOL IN LEGEND DOES NOT IMPLY SCOPE OF WORK. REFER TO PLANS.
2. CONTRACTORS SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF FIXTURES AND OTHER CEILING DEVICES.
3. REFER TO ME/P DRAWINGS FOR SIZES, TYPES, QUANTITIES AND INSTALLATION REQUIREMENTS OF FIXTURES AND CEILING DEVICES.
4. COORDINATE ALL AUDIO AND VISUAL DEVICES WITH A/V DRAWINGS. A/V EQUIPMENT SHOWN HERE, INCLUDING PROJECTORS AND PROJECTION SCREENS ARE DIAGRAMMATIC AND ARE SHOWN HERE TO DEPICT ADJACENCIES WITH OTHER LIGHTING AND CEILING DEVICES.
5. REFER TO A8 SHEETS FOR ACCUSTICAL WALL PANEL HEIGHTS.



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR REFLECTED CEILING PLAN - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

A4.1

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

3/8"=1'-0" 1 1/2"=1'-0" 1"=1'-0" 3/4"=1'-0" 1/2"=1'-0" 1/4"=1'-0" 1/8"=1'-0" 1/16"=1'-0"

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1 SECOND FLOOR REFLECTED CEILING PLAN - ADMINISTRATION

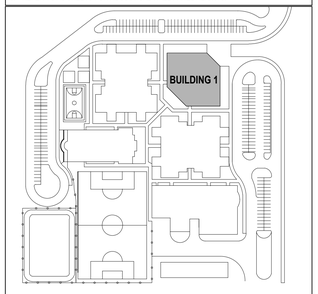
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CEILING LEGEND

- XXX-# / 12'-10" — CEILING TYPE / HEIGHT ABOVE FINISHED FLOOR
- 24"x24" ACOUSTIC CEILING PANEL SYSTEM
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- 24"x48" LAY IN LIGHT FIXTURE
- 24"x48" EMERGENCY BATTERY LAY IN LIGHT FIXTURE
- 12" X 48" LAY IN LIGHT FIXTURE
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- 48"x48" PYRAMID SOUND DIFFUSER
- 3/4" SPRINKLER PENDENT
- 1/2" SPRINKLER PENDENT
- 1/2" UPRIGHT SPRINKLER
- WIRELESS DATA DEVICE
- DATA OUTLET
- PROJECTOR
- PD — PHOTOELECTRIC DETECTOR (PD)
- OS — OCCUPANCY SENSOR
- IS — INTERCOM SPEAKER (IS)
- A/V SPEAKER
- TD — THERMAL DETECTOR (TD)
- ROUND DIFFUSER
- 4" RECESSED SHOWER LIGHT
- 4" EMERGENCY BATTERY RECESSED SHOWER LIGHT
- M — CEILING ACCESS PANEL
- SF — WALL MOUNTED STROBE FIRE ALARM
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- CEILING MOUNTED PROJECTOR SCREEN
- 48"X96" CURVED SOUND DIFFUSER PANEL
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- 48"x48" FIBERGLASS ACOUSTICAL PANEL
- CEILING MOUNTED CURTAIN TRACK
- EXHAUST HOOD
- EXHAUST HOOD
- CD — CARBON MONOXIDE DETECTOR (CD)
- CCTV — CLOSED CIRCUIT TV CAMERA CEILING MOUNTED (CCTV)
- WALL MOUNTED EXTERIOR LIGHT
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- WALL MOUNTED HORN SPEAKER
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KEYPLAN
N.T.S.

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CERTIFICATE:

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SUITE 404
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SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR10134?
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

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FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

SECOND FLOOR REFLECTED CEILING PLAN - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

A4.2

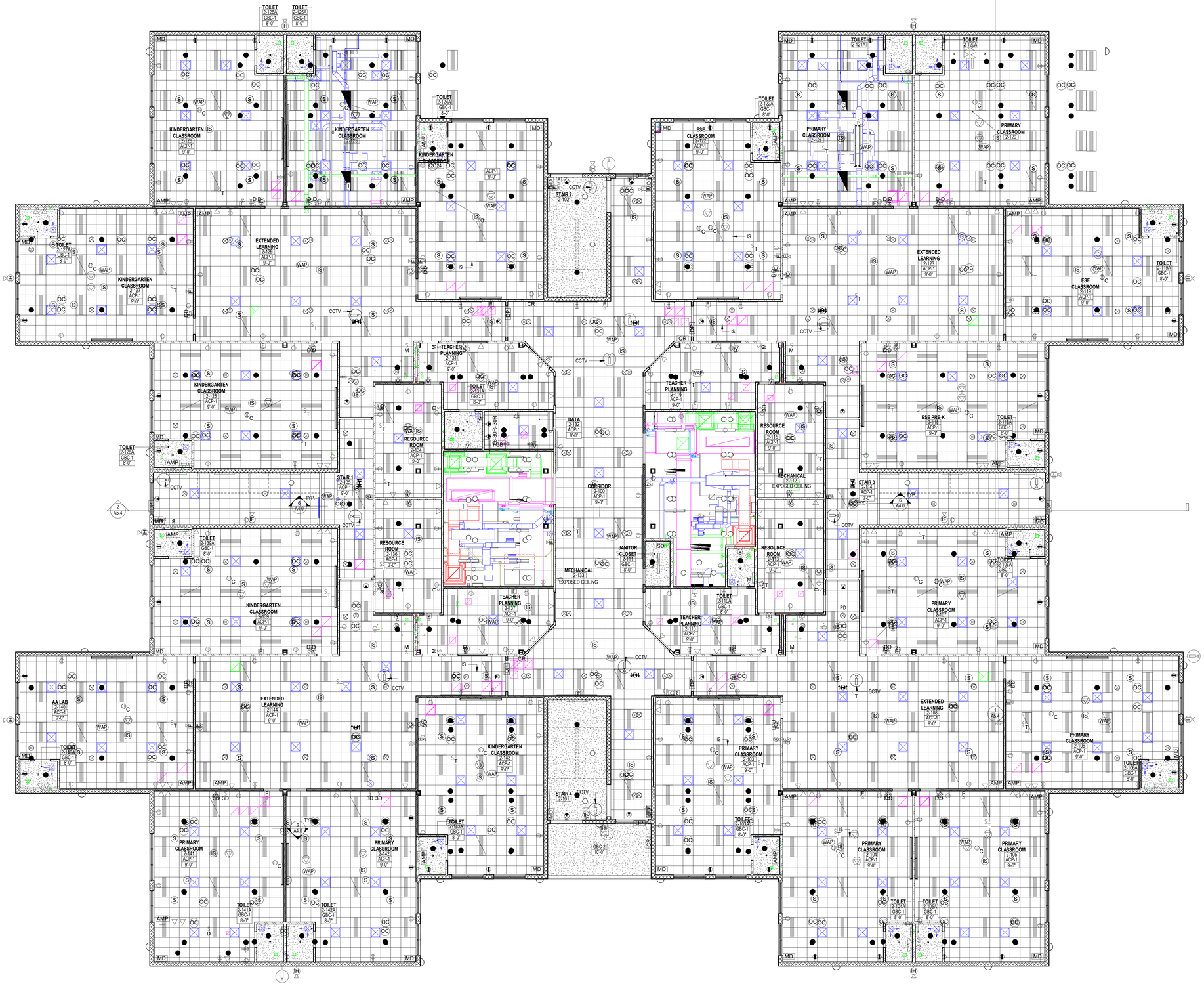
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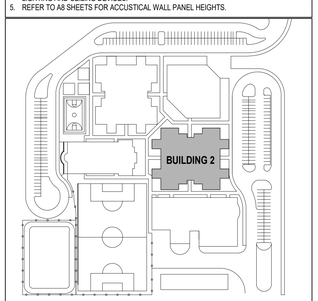


1 **FIRST FLOOR REFLECTED CEILING PLAN - CLASSROOM 1**
1/8" = 1'-0"

CEILING LEGEND

- XXX-# / 12'-10" — CEILING TYPE / HEIGHT ABOVE FINISHED FLOOR
- 24"x24" ACOUSTIC CEILING PANEL SYSTEM
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5. REFER TO A8 SHEETS FOR ACCUSTICAL WALL PANEL HEIGHTS.



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WYRICH	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

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SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

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9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR REFLECTED CEILING PLAN - CLASSROOM 1 - BUILDING 2

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

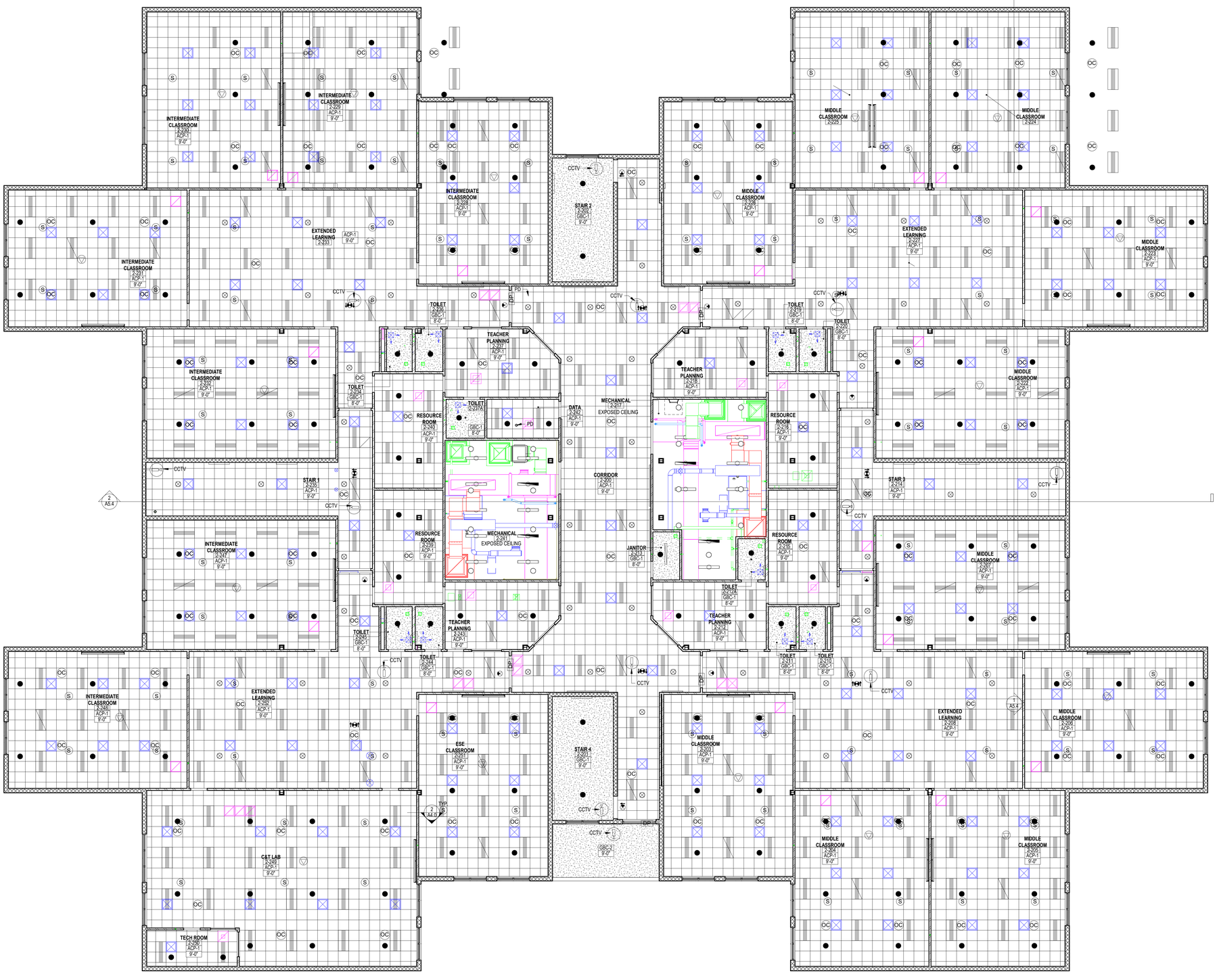
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1 SECOND FLOOR REFLECTED CEILING PLAN - CLASSROOM 1

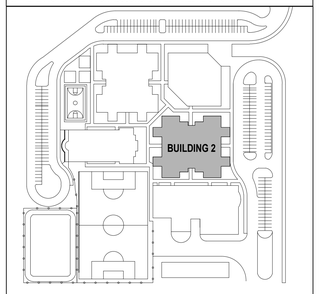
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CEILING LEGEND

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KEYPLAN
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DRAWING TITLE:

SECOND FLOOR REFLECTED CEILING PLAN - CLASSROOM 1 - BUILDING 2

COMMISSION NUMBER:

26K014

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DRAWING NUMBER:

A4.4

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CEILING LEGEND

XXX-# 12'-10" — CEILING TYPE / HEIGHT ABOVE FINISHED FLOOR

24"x24" ACOUSTIC CEILING PANEL SYSTEM

GYPSUM BOARD CEILING

24"x48" LAY IN LIGHT FIXTURE

24"x48" EMERGENCY BATTERY LAY IN LIGHT FIXTURE

1/2" X 48" LAY IN LIGHT FIXTURE

4" RECESSED LIGHT

4" EMERGENCY BATTERY RECESSED LIGHT

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12"x12" SUPPLY DIFFUSER

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1/2" UPRIGHT SPRINKLER

WIRELESS DATA DEVICE

DATA OUTLET

ROUND DIFFUSER

PROJECTOR

PHOTOELECTRIC DETECTOR (PD)

OCCUPANCY SENSOR

INTERCOM SPEAKER (IS)

A/V SPEAKER

THERMAL DETECTOR (TD)

4" RECESSED SHOWER LIGHT

4" EMERGENCY BATTERY RECESSED SHOWER LIGHT

CEILING ACCESS PANEL

SIGNALING APPLIANCE - SPEAKER

EXIT SIGN

CEILING MOUNTED PROJECTOR SCREEN

48"X96" CURVED SOUND DIFFUSER PANEL

48"x96" FIBERGLASS ACOUSTICAL PANEL

48"x48" FIBERGLASS ACOUSTICAL PANEL

CEILING MOUNTED CURTAIN TRACK

EXHAUST HOOD

EXHAUST HOOD

CARBON MONOXIDE DETECTOR (CD)

CLOSED CIRCUIT TV CAMERA (CCTV)

WALL MOUNTED EXTERIOR LIGHT

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WALL MOUNTED FIRE ALARM

EXPOSED DUCT WORK

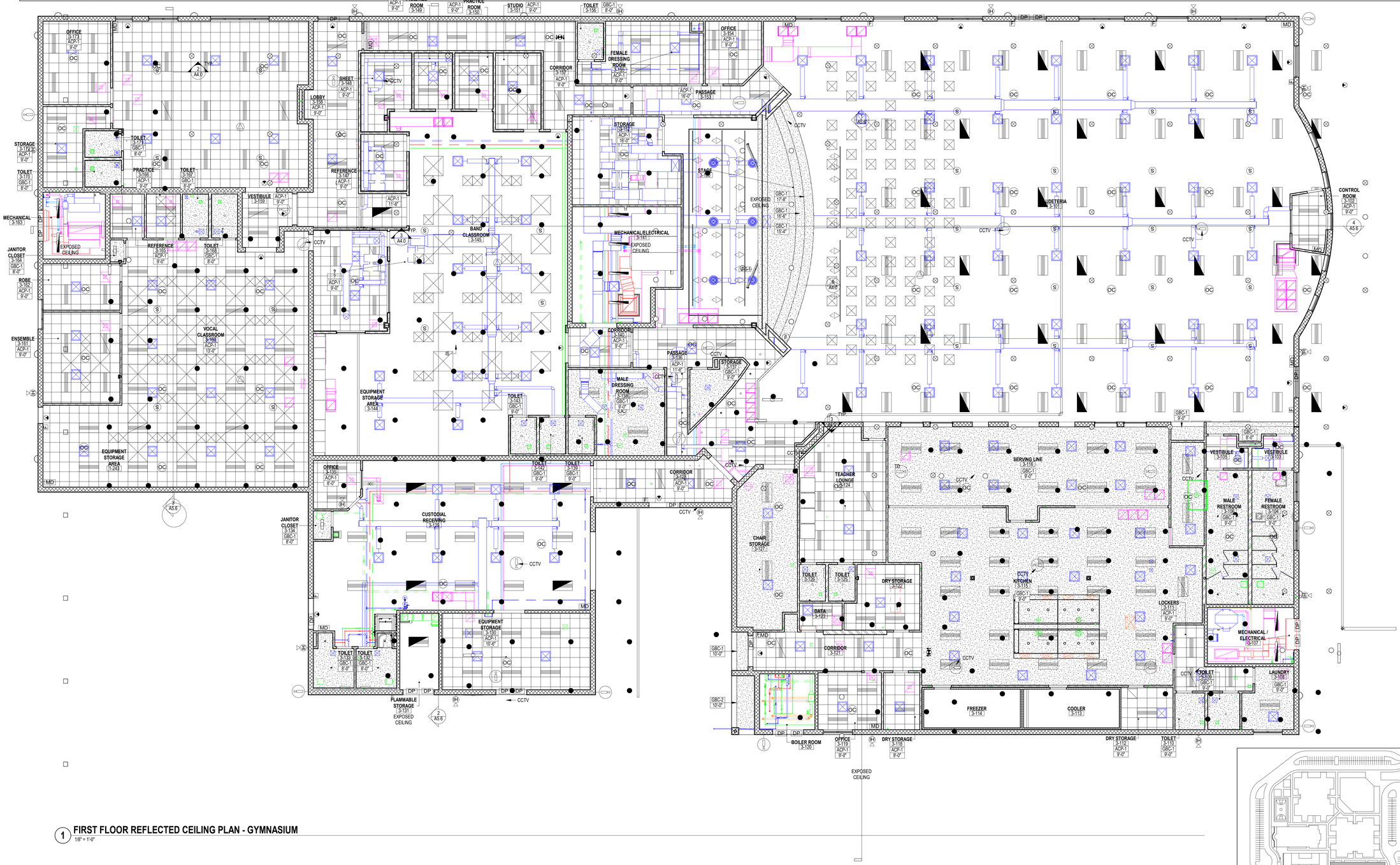
LIGHTING CONNECTOR

LIGHTING SWITCH

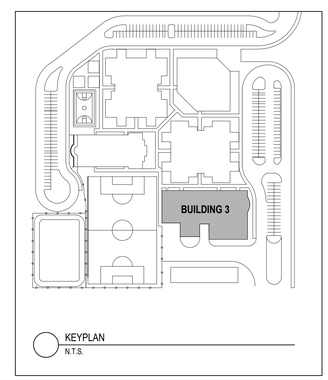
MOTION DETECTOR

NOTES:

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2. CONTRACTORS SHALL COORDINATE WITH ALL OTHER TRADES PRIOR TO INSTALLATION OF FIXTURES AND OTHER CEILING DEVICES.
3. REFER TO M/E/P DRAWINGS FOR SIZES, TYPES, QUANTITIES AND INSTALLATION REQUIREMENTS OF FIXTURES AND CEILING DEVICES.
4. COORDINATE ALL AUDIO AND VISUAL DEVICES WITH A/V DRAWINGS. A/V EQUIPMENT SHOWN HERE, INCLUDING PROJECTORS AND PROJECTION SCREENS ARE DIAGRAMMATIC AND ARE SHOWN HERE TO DEPICT ADJACENCIES WITH OTHER LIGHTING AND CEILING DEVICES.
5. REFER TO A6 SHEETS FOR ACCUSTICAL WAL PANEL HEIGHTS.



1 **FIRST FLOOR REFLECTED CEILING PLAN - GYMNASIUM**
1/8" = 1'-0"



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WYRICH	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE
1		Date 12

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR RELECTED CEILING PLAN - AUDETERIA - BUILDING 3

COMMISSION NUMBER:

26K014

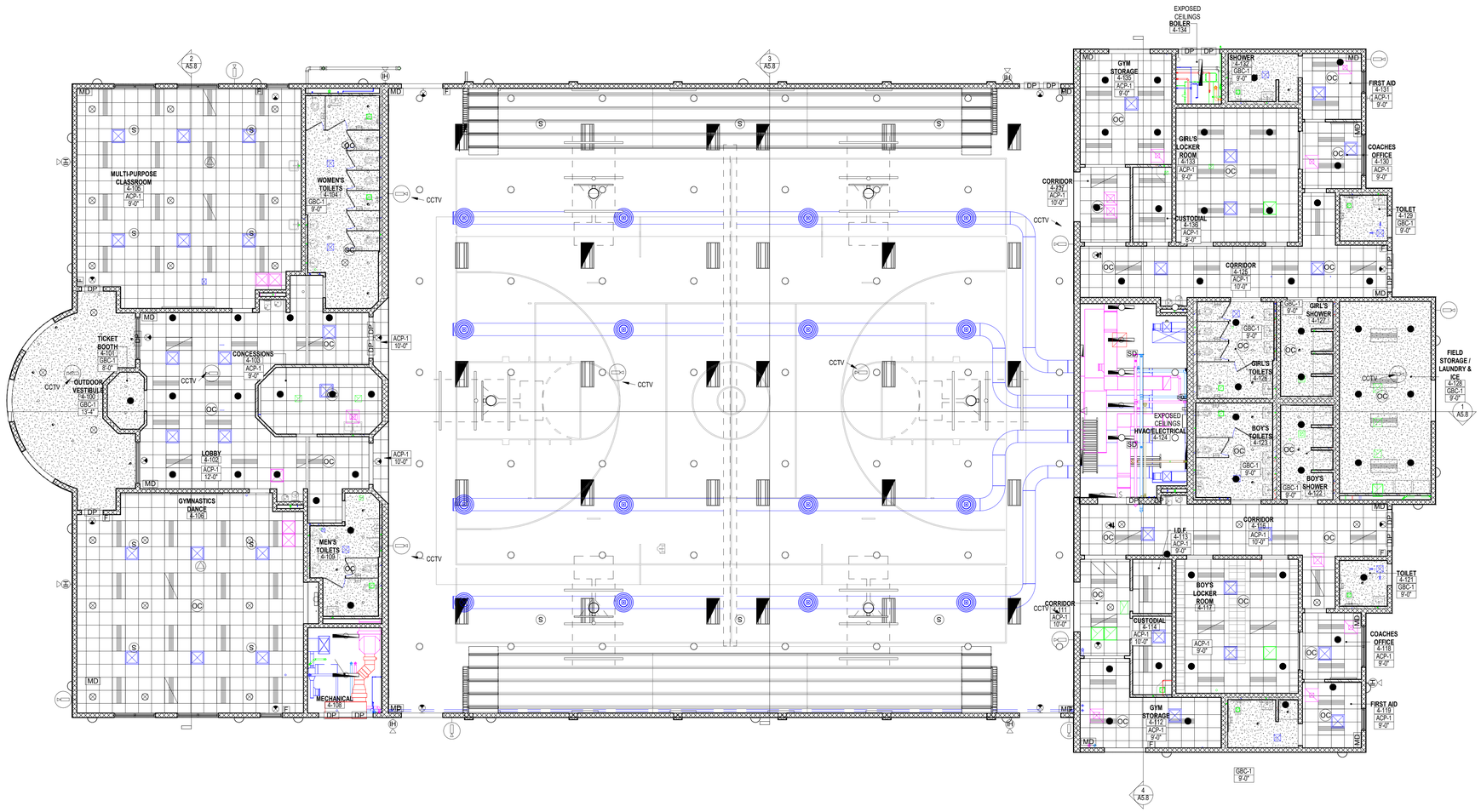
DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

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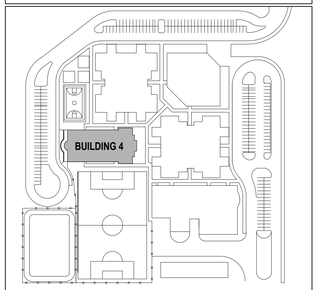


1 **FIRST FLOOR REFLECTED CEILING PLAN - AUDETERIA**
1/8" = 1'-0"

CEILING LEGEND

- XXX-# / 12'-10" — CEILING TYPE; HEIGHT ABOVE FINISHED FLOOR
- 24"x24" ACOUSTIC CEILING PANEL SYSTEM
- GYPSUM BOARD CEILING
- 24"x48" LAY IN LIGHT FIXTURE
- 24"x48" EMERGENCY BATTERY LAY IN LIGHT FIXTURE
- 12" X 48" LAY IN LIGHT FIXTURE
- 4" RECESSED LIGHT
- 4" EMERGENCY BATTERY RECESSED LIGHT
- 24" X 8" COVERED STRIP LIGHT
- 24" X 8" EMERGENCY BATTERY COVERED STRIP LIGHT
- HIGH BAY LIGHTING FIXTURE
- TRACK LIGHTING
- 48" X 12" COVERED STRIP LIGHT
- 48" X 12" EMERGENCY BATTERY COVERED STRIP LIGHT
- 48" X 2" NARROW STRIP LIGHT
- 24"x24" SUPPLY DIFFUSER
- 12"x12" SUPPLY DIFFUSER
- 24" X 24" RETURN GRILLE
- 12"x12" SIDE WALL EXHAUST GRILLE
- 6"x6" SIDE WALL EXHAUST GRILLE
- 8"x8" SIDE WALL EXHAUST GRILLE
- 22"x22" EXHAUST GRILLE
- 24"x24" PYRAMID SOUND DIFFUSER
- 48"x48" PYRAMID SOUND DIFFUSER
- 3/4" SPRINKLER PENDENT
- 1/2" SPRINKLER PENDENT
- 1/2" UPRIGHT SPRINKLER
- WIRELESS DATA DEVICE
- DATA OUTLET
- PROJECTOR
- PHOTOELECTRIC DETECTOR (PD)
- OCCUPANCY SENSOR
- INTERCOM SPEAKER (IS)
- A/V SPEAKER
- THERMAL DETECTOR (TD)
- ROUND DIFFUSER
- 4" RECESSED SHOWER LIGHT
- 4" EMERGENCY BATTERY RECESSED SHOWER LIGHT
- CEILING ACCESS PANEL
- SF — WALL MOUNTED STROBE FIRE ALARM
- EXIT SIGN
- CEILING MOUNTED PROJECTOR SCREEN
- 48"X96" CURVED SOUND DIFFUSER PANEL
- 48"x96" FIBERGLASS ACOUSTICAL PANEL
- 48"x48" FIBERGLASS ACOUSTICAL PANEL
- CEILING MOUNTED CURTAIN TRACK
- EXHAUST HOOD
- EXHAUST HOOD
- CARBON MONOXIDE DETECTOR (CD)
- CLOSED CIRCUIT TV CAMERA CEILING MOUNTED (CCTV)
- WALL MOUNTED EXTERIOR LIGHT
- WALL MOUNTED CLOSED CIRCUIT TV CAMERA
- WALL MOUNTED HORN SPEAKER
- WALL MOUNTED LINER LIGHT
- WALL MOUNTED FIRE ALARM
- EXPOSED DUCT WORK
- C — LIGHTING CONNECTOR
- $ — LIGHTING SWITCH
- MOTION DETECTOR

NOTES:
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5. REFER TO A8 SHEETS FOR ACCUSTICAL WALL PANEL HEIGHTS.



KEYPLAN
N.T.S.

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DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR REFLECTED CEILING PLANS - GYMNASIUM - BUILDING 4

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

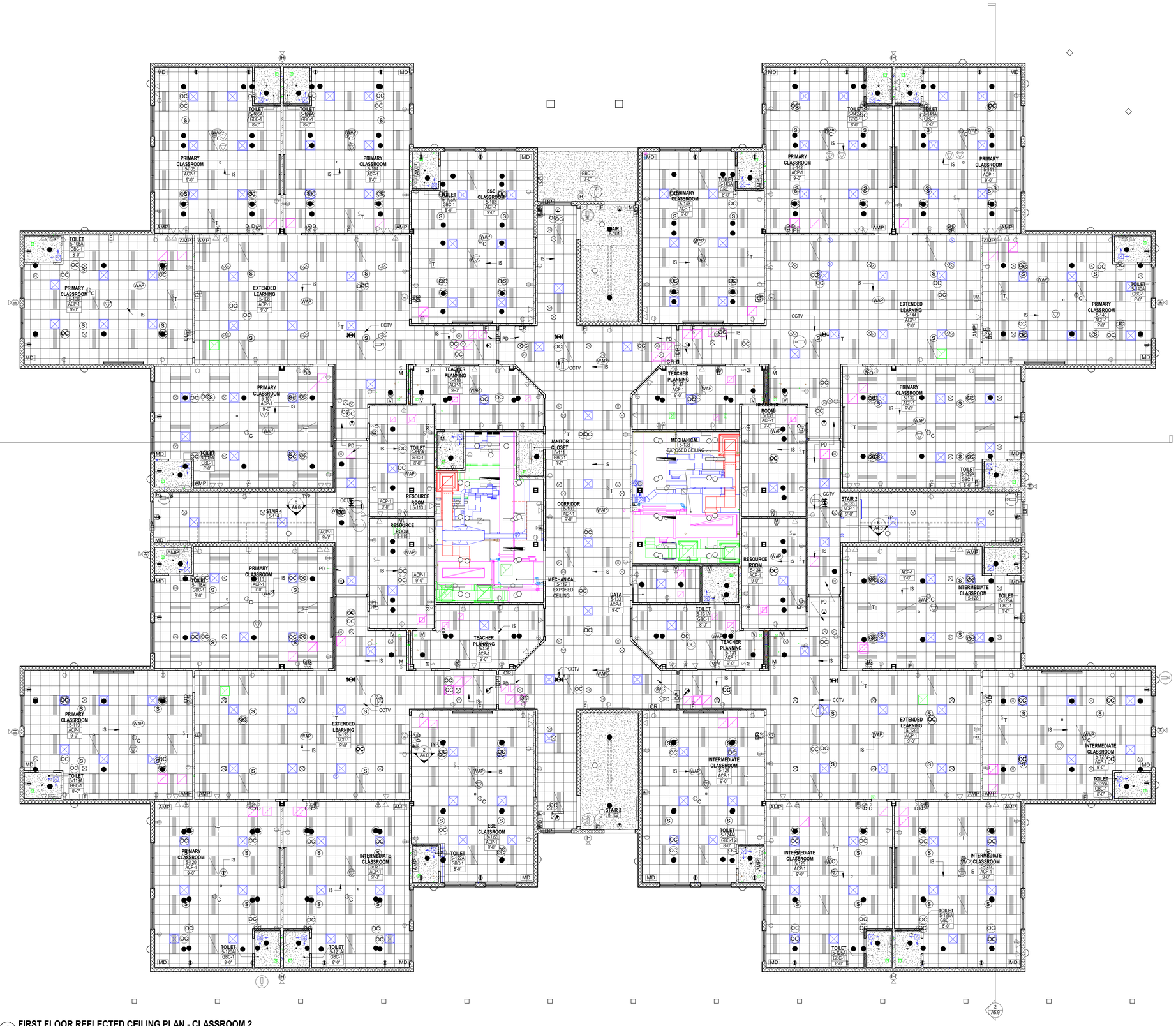
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Autodesk Docs://26K014 - St Lucie PS - Green Zone K-8/26K014 - St Lucie Green Zone_Arch CentralR26.rvt

DRAWN BY:Author CHECKED BY:Checker



1 FIRST FLOOR REFLECTED CEILING PLAN - CLASSROOM 2

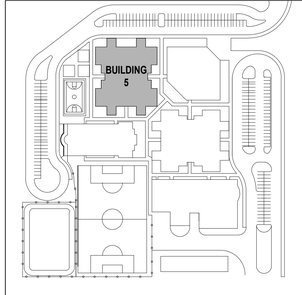
1/8" = 1'-0"

CEILING LEGEND

- XXX-# / 1Z-10" — CEILING TYPE / HEIGHT ABOVE FINISHED FLOOR
- 24"x24" ACOUSTIC CEILING PANEL SYSTEM
- GYPSUM BOARD CEILING
- 24"x48" LAY IN LIGHT FIXTURE
- 24"x48" EMERGENCY BATTERY LAY IN LIGHT FIXTURE
- 12" X 48" LAY IN LIGHT FIXTURE
- 4" RECESSED LIGHT
- 4" EMERGENCY BATTERY RECESSED LIGHT
- 24" X 8" COVERED STRIP LIGHT
- 24" X 8" EMERGENCY BATTERY COVERED STRIP LIGHT
- HIGH BAY LIGHTING FIXTURE
- TRACK LIGHTING
- 48" X 12" COVERED STRIP LIGHT
- 48" X 12" EMERGENCY BATTERY COVERED STRIP LIGHT
- 48" X 2" NARROW STRIP LIGHT
- 24"x24" SUPPLY DIFFUSER
- 12"x12" SUPPLY DIFFUSER
- 24" X 24" RETURN GRILLE
- 12"x12" SIDE WALL EXHAUST GRILLE
- 6"x6" SIDE WALL EXHAUST GRILLE
- 8"x8" SIDE WALL EXHAUST GRILLE
- 22"x22" EXHAUST GRILLE
- 24"x24" PYRAMID SOUND DIFFUSER
- 48"x48" PYRAMID SOUND DIFFUSER
- 3/4" SPRINKLER PENDENT
- 1/2" SPRINKLER PENDENT
- 1/2" UPRIGHT SPRINKLER
- WIRELESS DATA DEVICE
- DATA OUTLET
- PROJECTOR
- PHOTOELECTRIC DETECTOR (PD)
- OCCUPANCY SENSOR
- INTERCOM SPEAKER (IS)
- A/V SPEAKER
- THERMAL DETECTOR (TD)
- ROUND DIFFUSER
- 4" RECESSED SHOWER LIGHT
- 4" EMERGENCY BATTERY RECESSED SHOWER LIGHT
- CEILING ACCESS PANEL
- SF — WALL MOUNTED STROBE FIRE ALARM
- EXIT SIGN
- CEILING MOUNTED PROJECTOR SCREEN
- 48"X96" CURVED SOUND DIFFUSER PANEL
- 48"x96" FIBERGLASS ACOUSTICAL PANEL
- 48"x48" FIBERGLASS ACOUSTICAL PANEL
- CEILING MOUNTED CURTAIN TRACK
- EXHAUST HOOD
- EXHAUST HOOD
- CARBON MONOXIDE DETECTOR (CD)
- CLOSED CIRCUIT TV CAMERA CEILING MOUNTED (CCTV)
- WALL MOUNTED EXTERIOR LIGHT
- WALL MOUNTED CLOSED CIRCUIT TV CAMERA
- WALL MOUNTED HORN SPEAKER
- WALL MOUNTED LINER LIGHT
- WALL MOUNTED FIRE ALARM
- EXPOSED DUCT WORK
- C — LIGHTING CONNECTOR
- $ — LIGHTING SWITCH
- MOTION DETECTOR

NOTES:

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5. REFER TO A8 SHEETS FOR ACCUSTICAL WALL PANEL HEIGHTS.



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WYRICH	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR REFLECTED CEILING PLAN - CLASSROOM 2 - BUILDING 5

COMMISSION NUMBER:

26K014

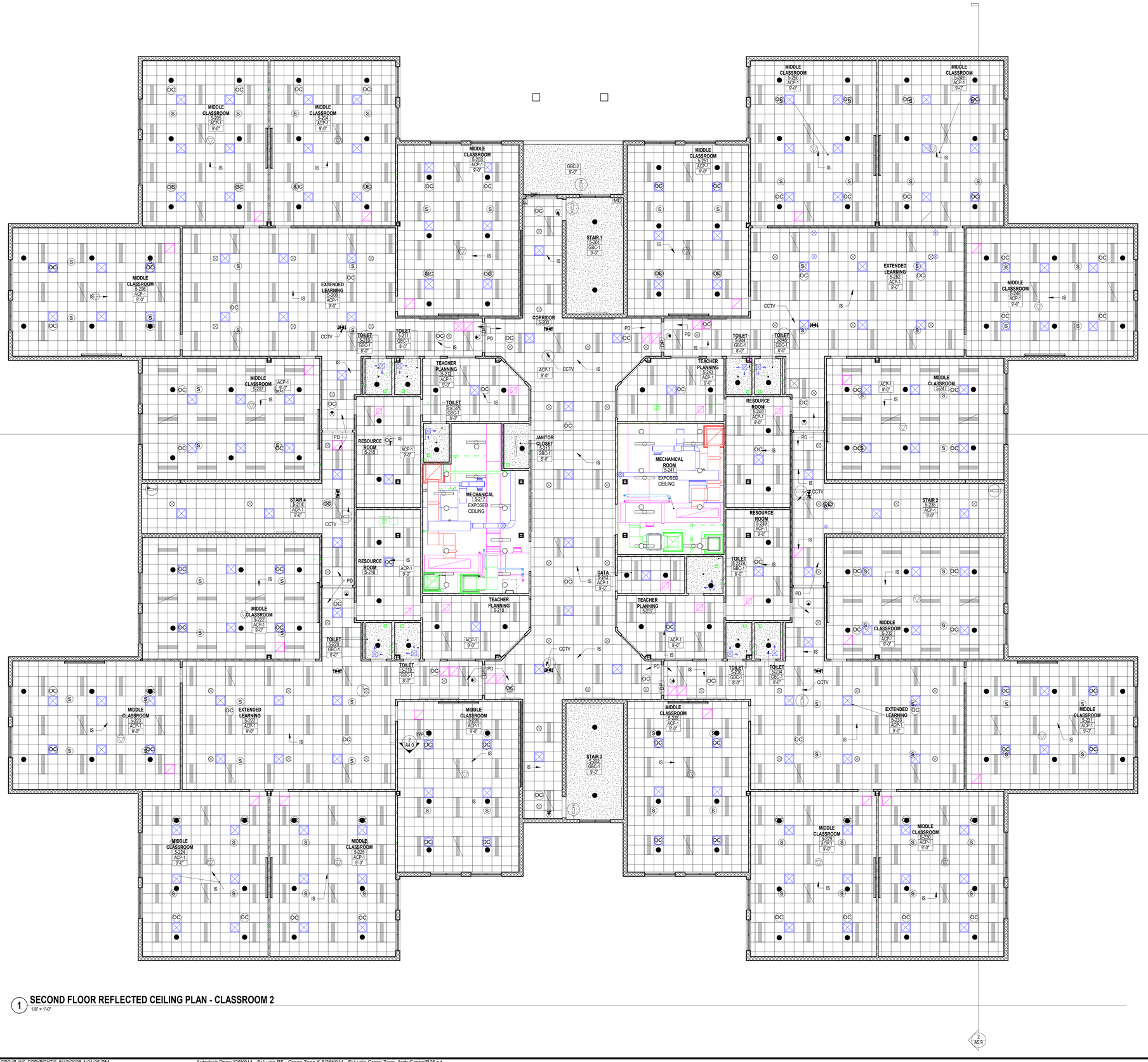
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DRAWING NUMBER:

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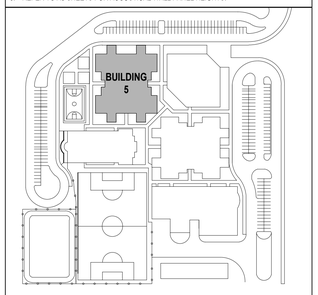


1 **SECOND FLOOR REFLECTED CEILING PLAN - CLASSROOM 2**
1/8" = 1'-0"

CEILING LEGEND

- XXX-# / 12'-10" — CEILING TYPE / HEIGHT ABOVE FINISHED FLOOR
- 24"x24" ACOUSTIC CEILING PANEL SYSTEM
- GYPSUM BOARD CEILING
- 24"x48" LAY IN LIGHT FIXTURE
- 24"x48" EMERGENCY BATTERY LAY IN LIGHT FIXTURE
- 12" X 48" LAY IN LIGHT FIXTURE
- 4" RECESSED LIGHT
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- 48" X 12" COVERED STRIP LIGHT
- 48" X 12" EMERGENCY BATTERY COVERED STRIP LIGHT
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- 48"x48" PYRAMID SOUND DIFFUSER
- 3/4" SPRINKLER PENDENT
- 1/2" SPRINKLER PENDENT
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- WIRELESS DATA DEVICE
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- PROJECTOR
- PHOTOELECTRIC DETECTOR (PD)
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- INTERCOM SPEAKER (IS)
- A/V SPEAKER
- THERMAL DETECTOR (TD)
- ROUND DIFFUSER
- 4" RECESSED SHOWER LIGHT
- 4" EMERGENCY BATTERY RECESSED SHOWER LIGHT
- CEILING ACCESS PANEL
- WALL MOUNTED STROBE FIRE ALARM
- EXIT SIGN
- CEILING MOUNTED PROJECTOR SCREEN
- 48"x96" CURVED SOUND DIFFUSER PANEL
- 48"x96" FIBERGLASS ACOUSTICAL PANEL
- 48"x48" FIBERGLASS ACOUSTICAL PANEL
- CEILING MOUNTED CURTAIN TRACK
- EXHAUST HOOD
- EXHAUST HOOD
- CARBON MONOXIDE DETECTOR (CD)
- CLOSED CIRCUIT TV CAMERA CEILING MOUNTED (CCTV)
- WALL MOUNTED EXTERIOR LIGHT
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5. REFER TO A8 SHEETS FOR ACOUSTICAL WALL PANEL HEIGHTS.



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
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SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

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SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

SECOND FLOOR REFLECTED CEILING PLAN - CLASSROOM 2 - BUILDING 5

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

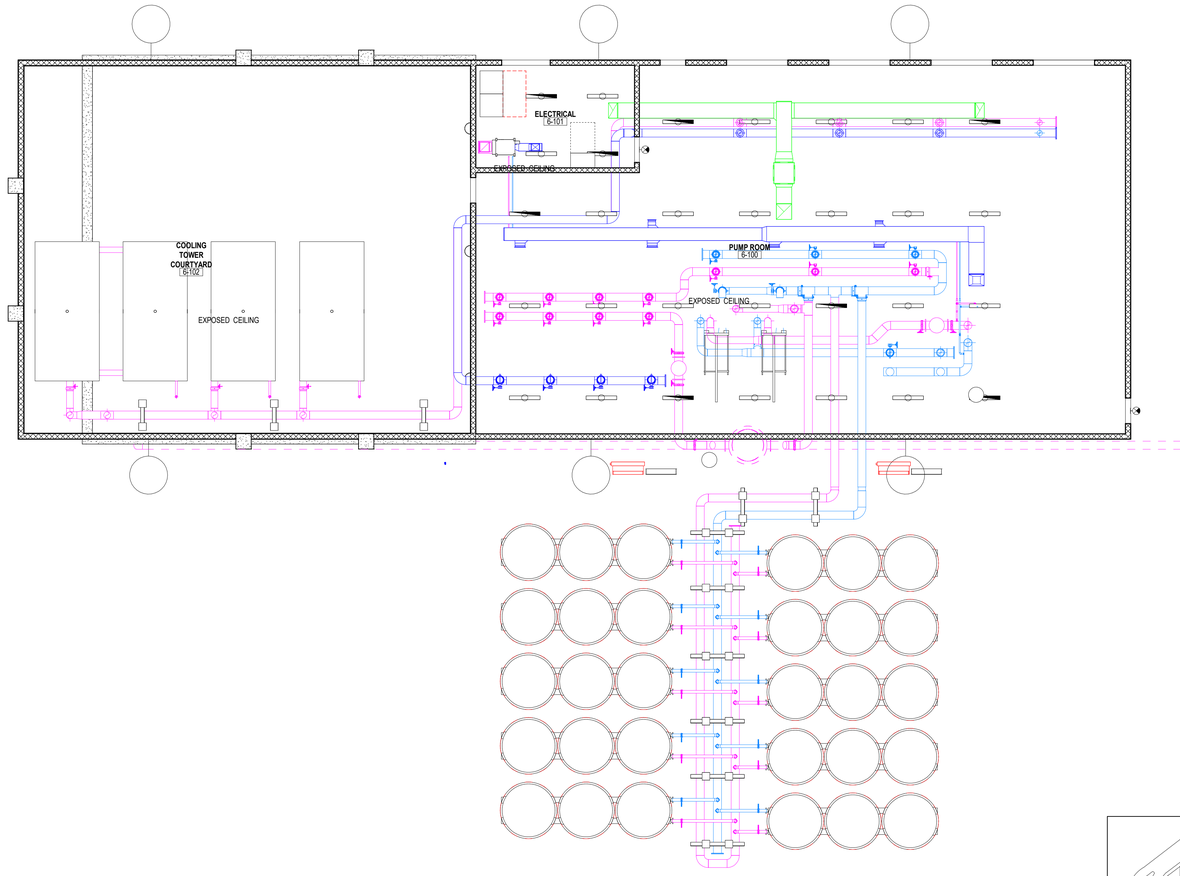
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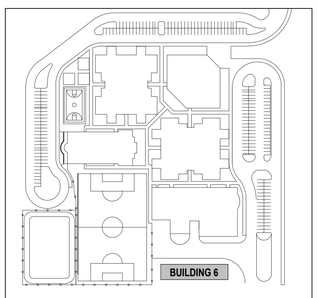
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DRAWN BY:Author CHECKED BY:Checker



1 **FIRST FLOOR REFLECTED CEILING PLAN - CHILLER**
1/8" = 1'-0"



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

spiezle

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80 ROYAL PALM POINT
SUITE 404
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FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

FIRST FLOOR REFLECTED CEILING PLAN - CHILLER - BUILDING 6

COMMISSION NUMBER:
26K014

DO NOT SCALE THE DRAWINGS

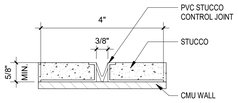
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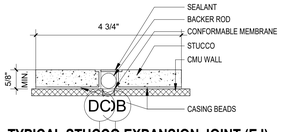
THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

3"=1'-0" 1 1/2"=1'-0" 1"=1'-0" 3/4"=1'-0" 1/2"=1'-0" 1/4"=1'-0" 1/8"=1'-0" 1/16"=1'-0"

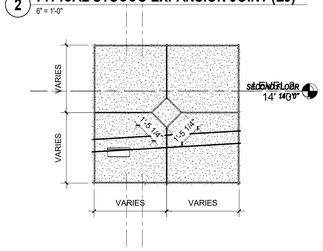
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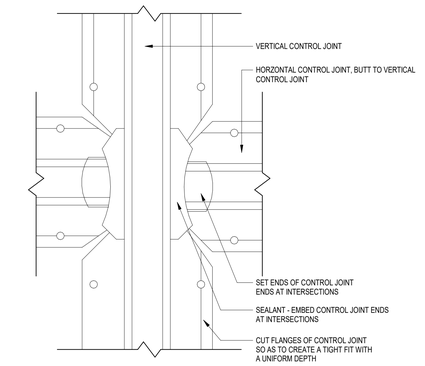
1 TYPICAL STUCCO CONTROL JOINT DETAIL (CJ)
6" = 1'-0"



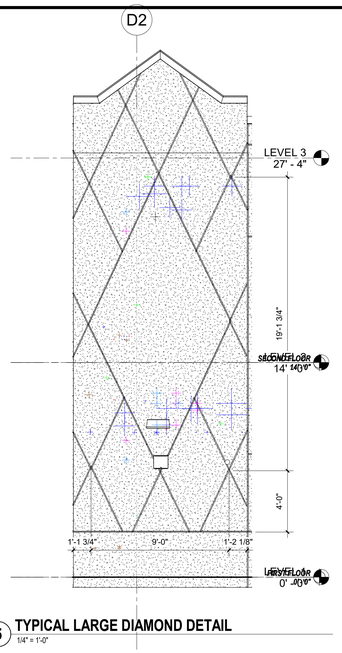
2 TYPICAL STUCCO EXPANSION JOINT (EJ)
6" = 1'-0"



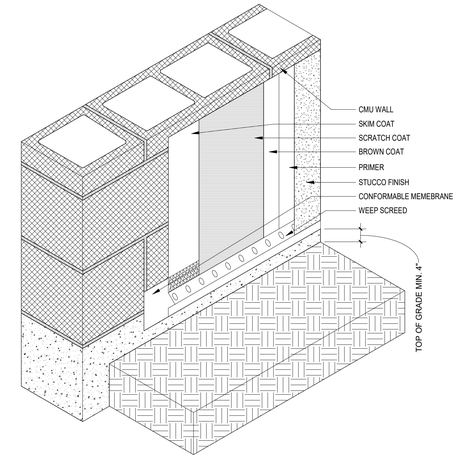
3 TYPICAL DIAMOND DETAIL
1/4" = 1'-0"



4 CONTROL JOINT INTERSECTION DETAIL
1 1/2" = 1'-0"

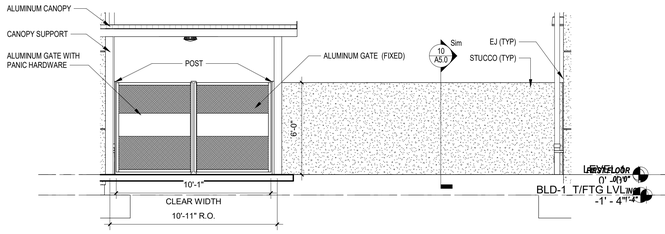


5 TYPICAL LARGE DIAMOND DETAIL
1/4" = 1'-0"

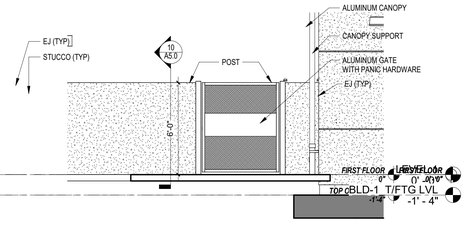


6 TYPICAL TERMINATION AT GRADE
1 1/2" = 1'-0"

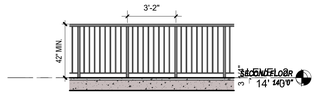




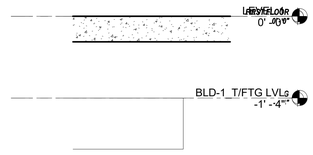
7 TYPICAL WALKWAY GATE - DOUBLE
1/4" = 1'-0"



8 TYPICAL WALKWAY GATE - SINGLE
1/4" = 1'-0"



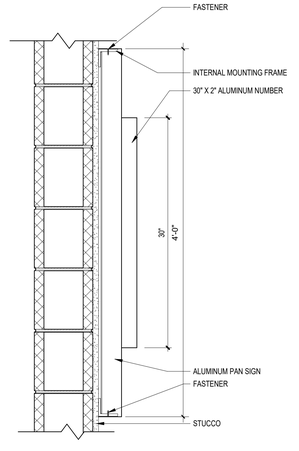
9 RAILING ELEVATION
1/4" = 1'-0"



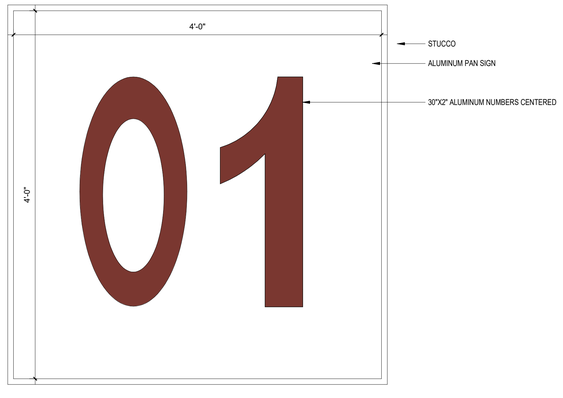
10 TYPICAL GATE WALL
1" = 1'-0"

11 TYPICAL WALKWAY GATE - DOUBLE - ALTERNATE BID
1/4" = 1'-0"

12 TYPICAL WALKWAY GATE - SINGLE - ALTERNATE BID
1/4" = 1'-0"



13 SIGN DETAIL - ALTERNATE BID
1 1/2" = 1'-0"



14 SIGN ELEVATION- ALTERNATE BID
1 1/2" = 1'-0"

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WYRGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

EXTERIOR ELEVATIONS - DETAILS

COMMISSION NUMBER:

26K014

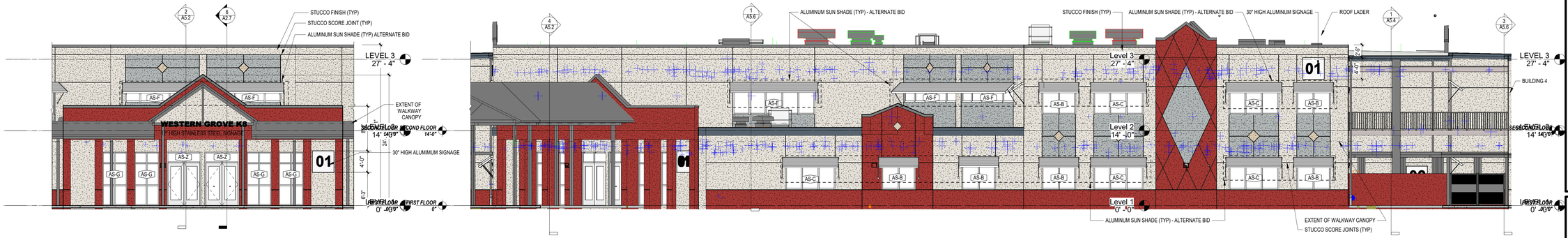
DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

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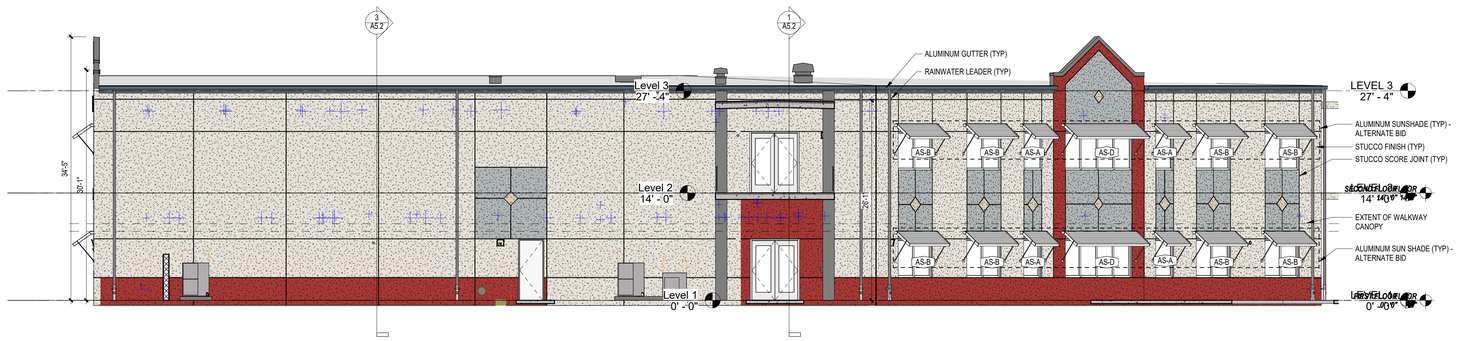
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1 EXTERIOR ELEVATION - ADMINISTRATION
1/8" = 1'-0"

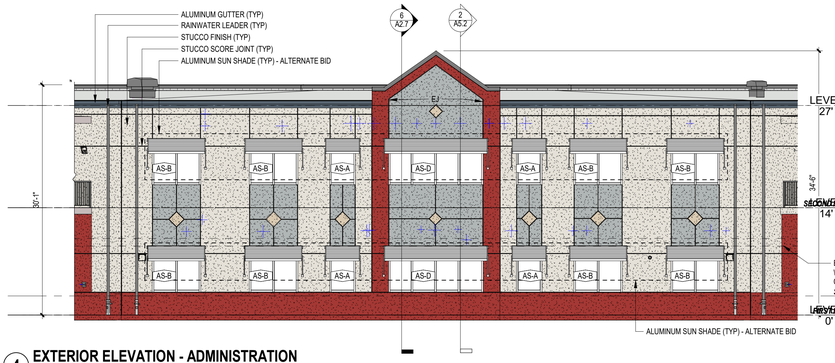
2 EXTERIOR ELEVATION - ADMINISTRATION
1/8" = 1'-0"



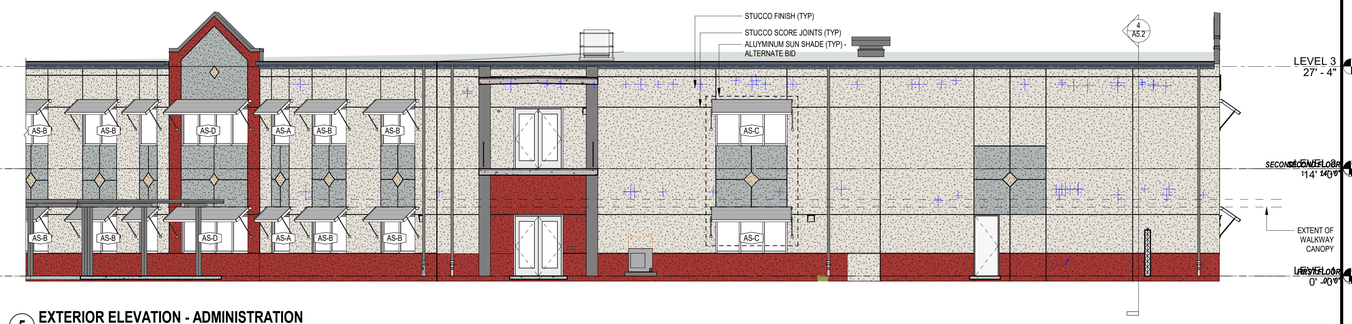
3 EXTERIOR ELEVATION - ADMINISTRATION
1/8" = 1'-0"

EXTERIOR FINISH LEGEND

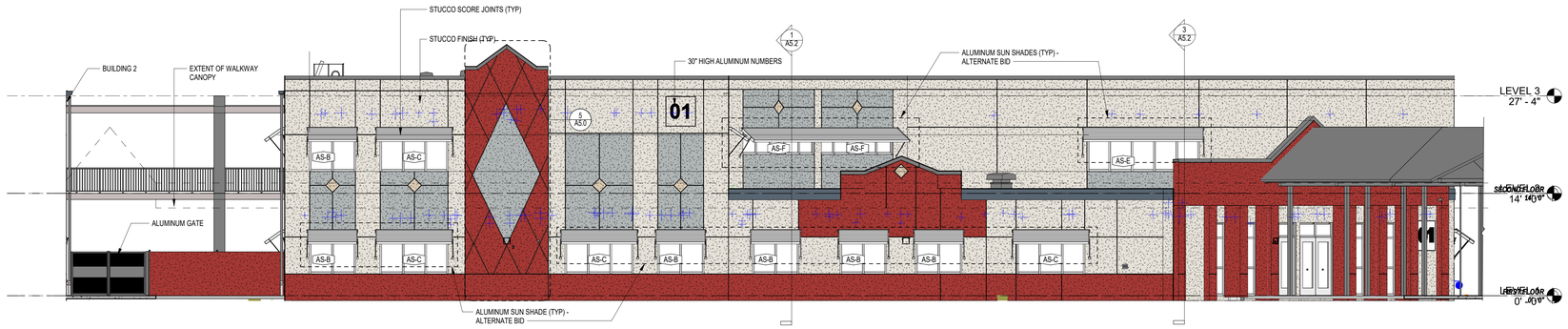
- ST 1: SOFTER TAN SW 6141
- ST 2: TANAGER SW 6601
- ST 3: ONLINE SW 7072
- ST 4: HERON PLUME SW 6070
- ST 5: ULTRA WHITE SW 9500
- METAL FINISH 1: BLACK



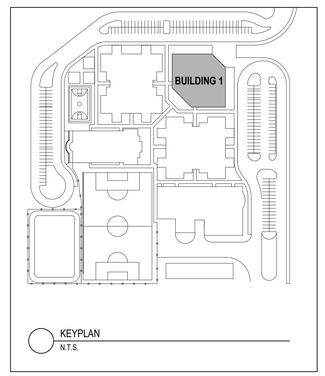
4 EXTERIOR ELEVATION - ADMINISTRATION
1/8" = 1'-0"



5 EXTERIOR ELEVATION - ADMINISTRATION
1/8" = 1'-0"



6 EXTERIOR ELEVATION - ADMINISTRATION
1/8" = 1'-0"



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80 ROYAL PALM POINT
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JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

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DESIGN DEVELOPMENT
5/29/2026

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SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

EXTERIOR ELEVATIONS - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

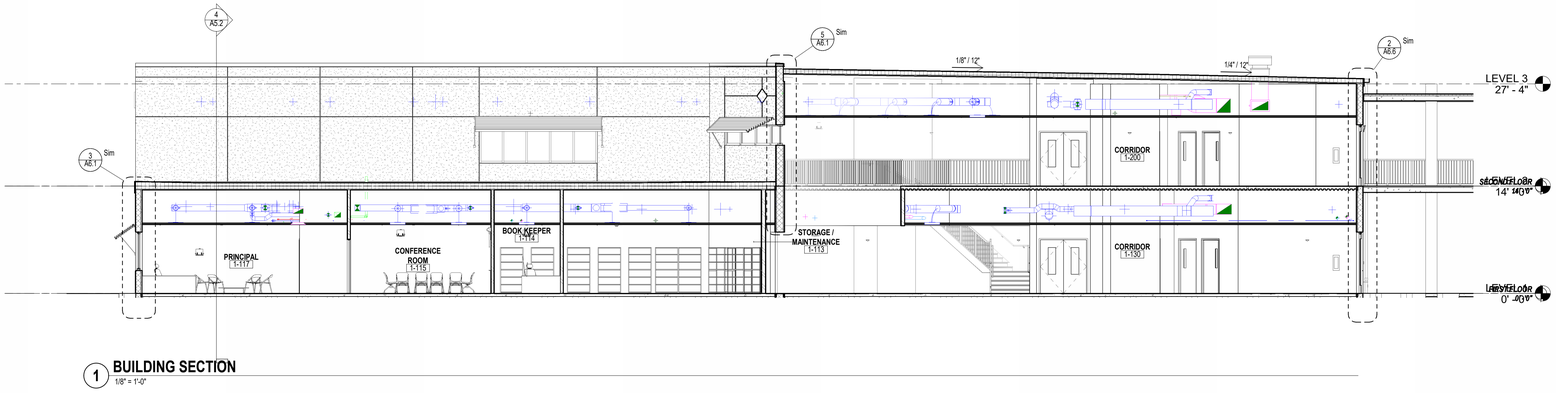
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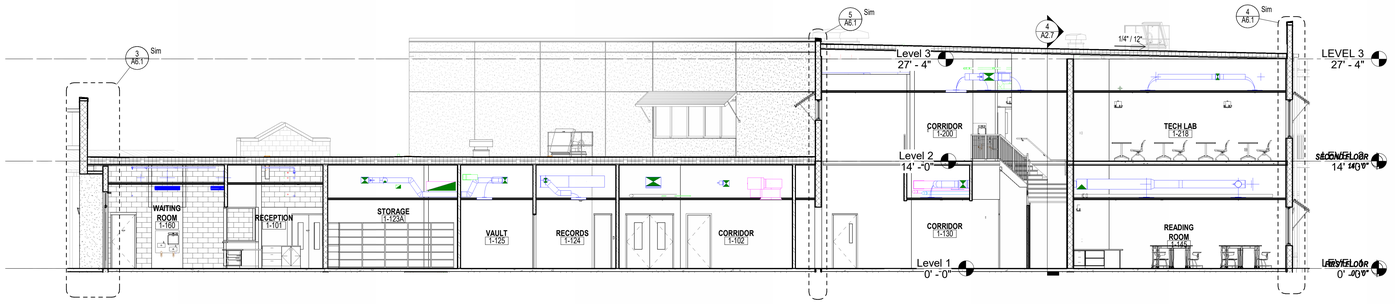
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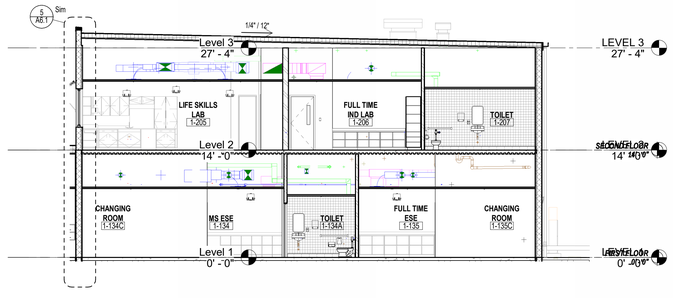
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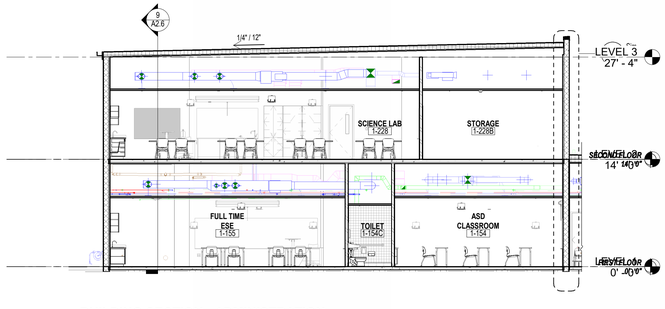
1 **BUILDING SECTION**
1/8" = 1'-0"



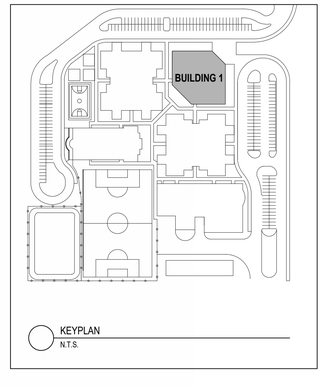
2 **BUILDING SECTION - ADMINISTRATION**
1/8" = 1'-0"



3 **BUILDING SECTION - ADMINISTRATION**
1/8" = 1'-0"



4 **BUILDING SECTION - ADMINISTRATION**
1/8" = 1'-0"



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5/29/2026

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FOR

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9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

BUILDING SECTIONS - ADMINISTRATIONS - BUILDING 1

COMMISSION NUMBER:
26K014

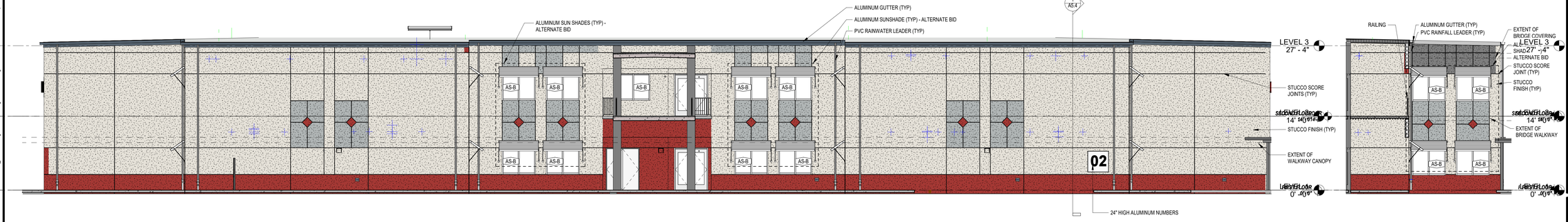
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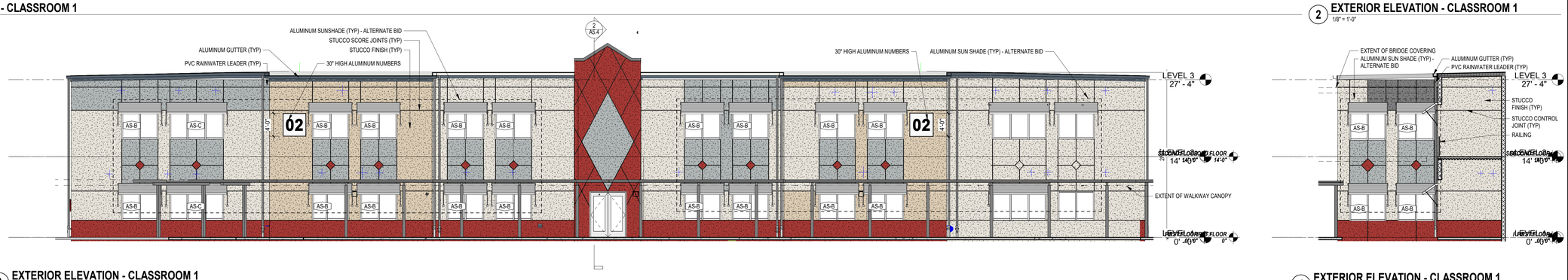
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1 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"

2 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"

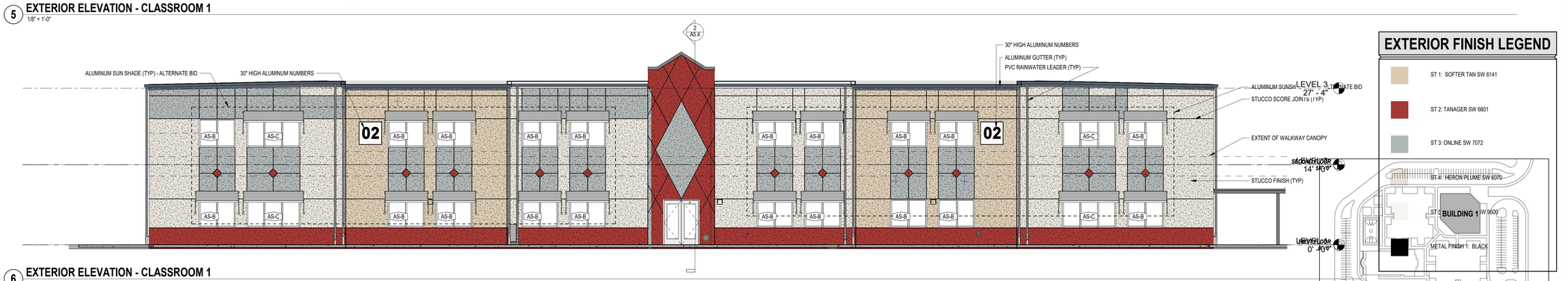


3 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"

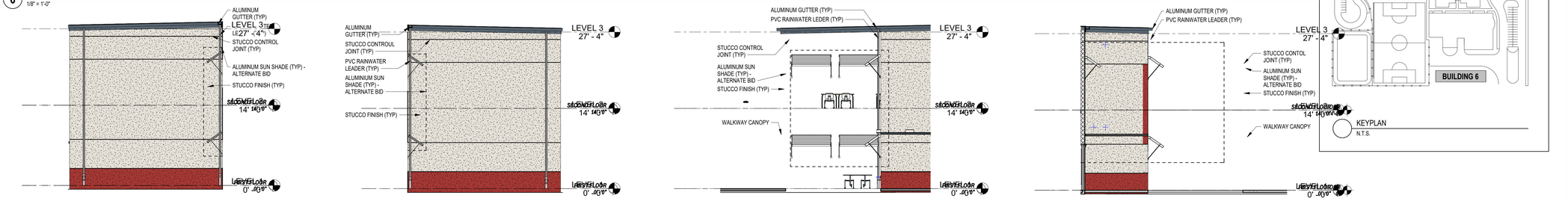
4 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"



5 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"



6 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"



7 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"

8 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"

9 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"

10 EXTERIOR ELEVATION - CLASSROOM 1
1/8" = 1'-0"

EXTERIOR FINISH LEGEND

- ST 1: SOFTER TAN SW 6141
- ST 2: TANAGER SW 6601
- ST 3: ONLINE SW 7072
- ST 4: HERON PLUME SW 6070
- ST 5: SW 9500
- METAL FINISH 1: BLACK

CODE REVIEW:

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SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE
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FOR BID: 08/26/2026

DRAWING TITLE:

EXTERIOR ELEVATIONS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5

COMMISSION NUMBER:

26K014

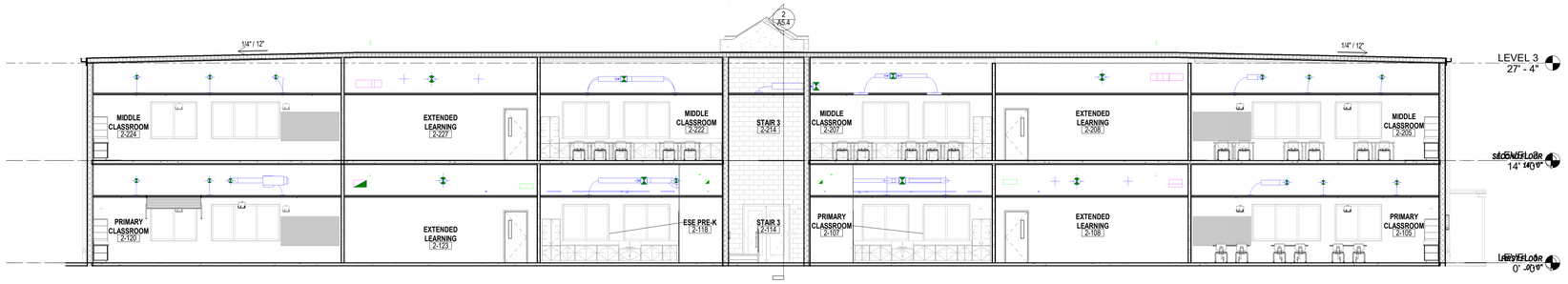
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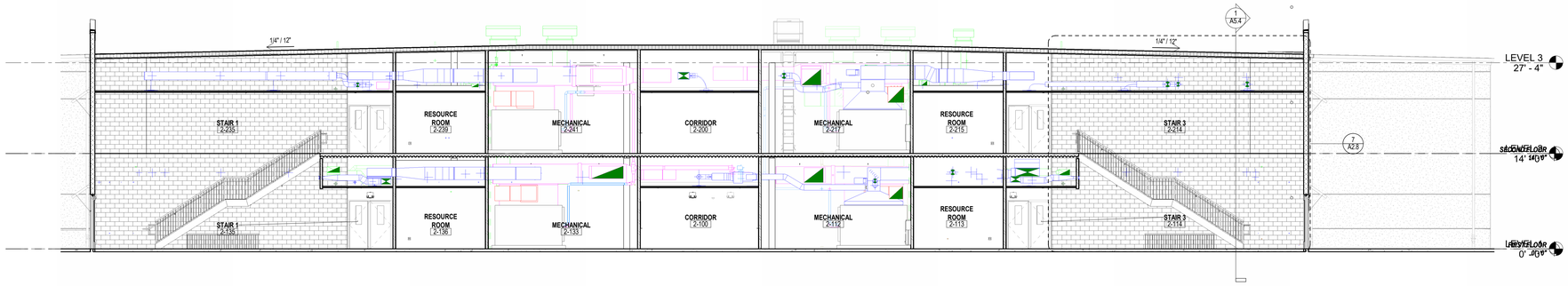
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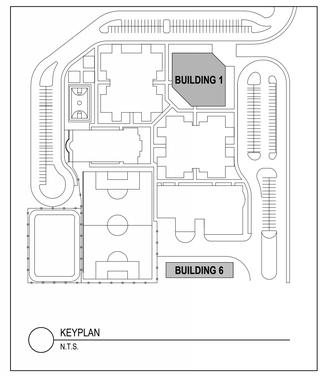
1 BUILDING SECTION - CLASSROOM 1

1/8" = 1'-0"



2 BUILDING SECTION - CLASSROOM 1

1/8" = 1'-0"



KEYPLAN
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80 ROYAL PALM POINT
SUITE 404
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PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN D. SIEGEL	AR99546
JOHN F. WRIGHT	AR10134?
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

BUILDING SECTIONS - CLASSROOM 1 - BUILDING 2

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

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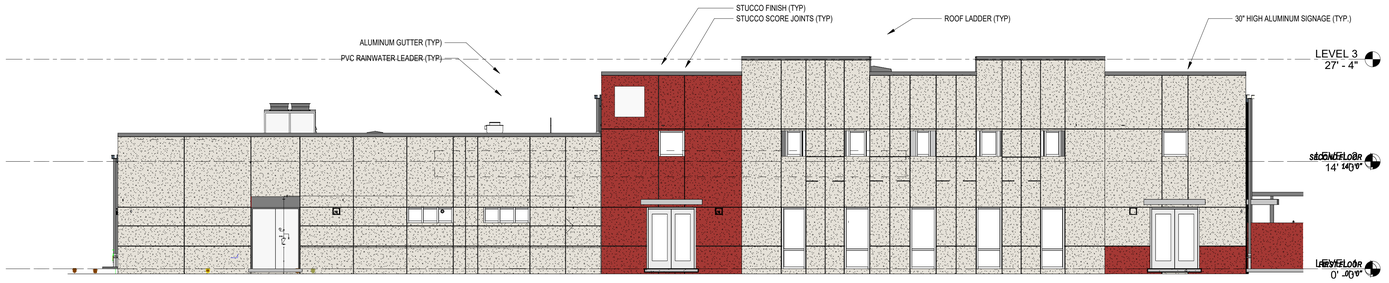
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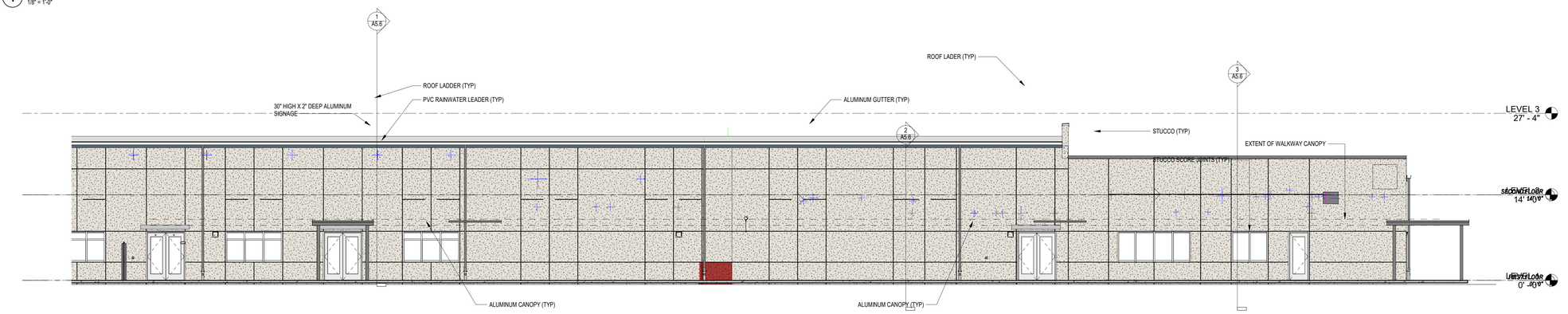
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DRAWN BY:Author CHECKED BY:Checker



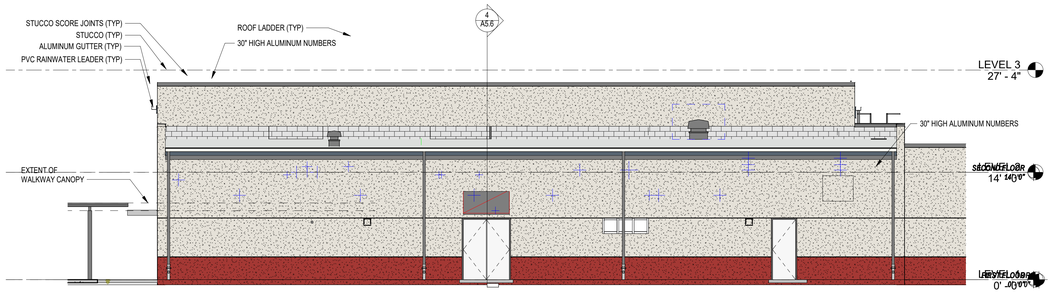
1 EXTERIOR ELEVATION - GYMNASIUM

1/8" = 1'-0"



2 EXTERIOR ELEVATION - GYMNASIUM

1/8" = 1'-0"

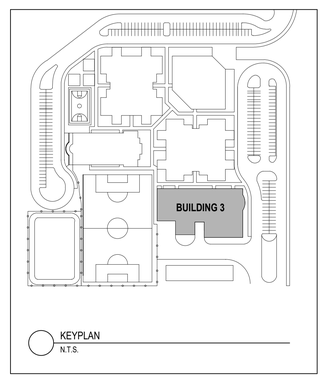


3 EXTERIOR ELEVATION - GYMNASIUM

1/8" = 1'-0"

EXTERIOR FINISH LEGEND

- ST 1: SOFTER TAN SW 6141
- ST 2: TANAGER SW 6601
- ST 3: ONLINE SW 7072
- ST 4: HERON PLUME SW 6070
- ST 5: ULTRA WHITE SW 9500
- METAL FINISH 1: BLACK



KEYPLAN
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STEVE LEONE	AR99370

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FOR CODE REVIEW: 08/26/2026

REVISIONS:

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1		

FOR BID: 08/26/2026

DRAWING TITLE:

EXTERIOR ELEVATIONS - AUDETERIA - BUILDING 3

COMMISSION NUMBER:

26K014

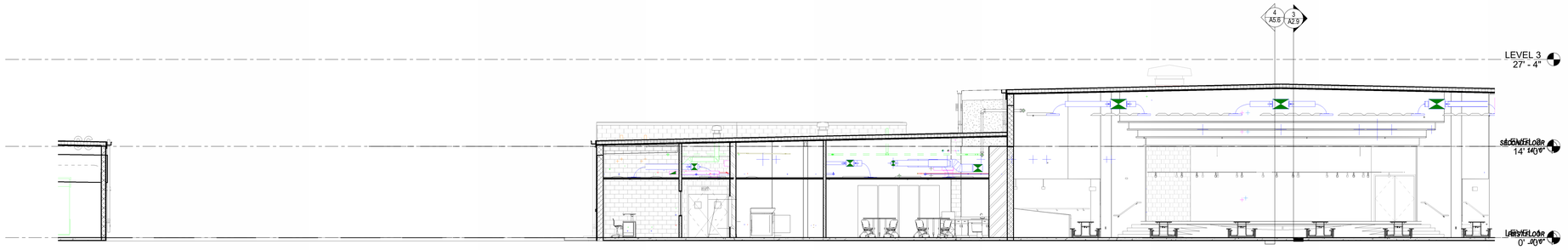
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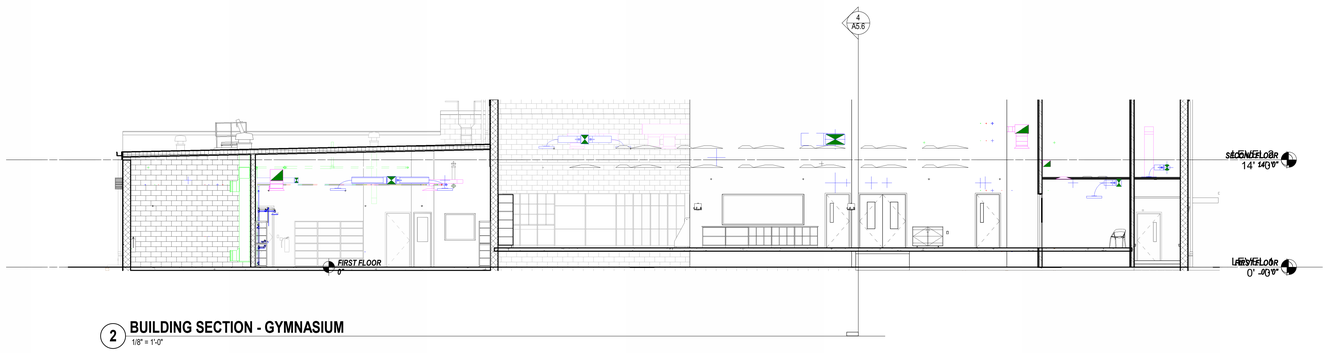
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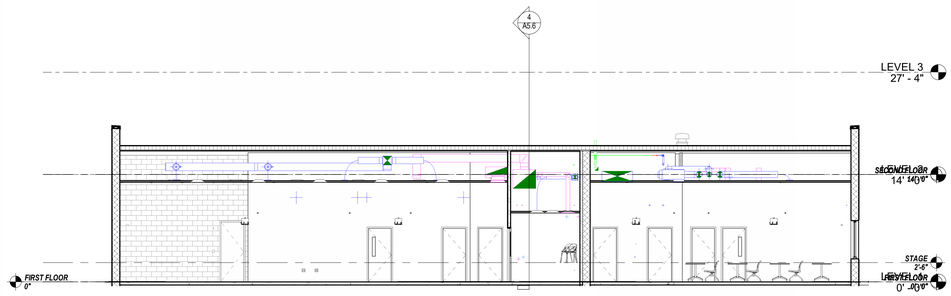
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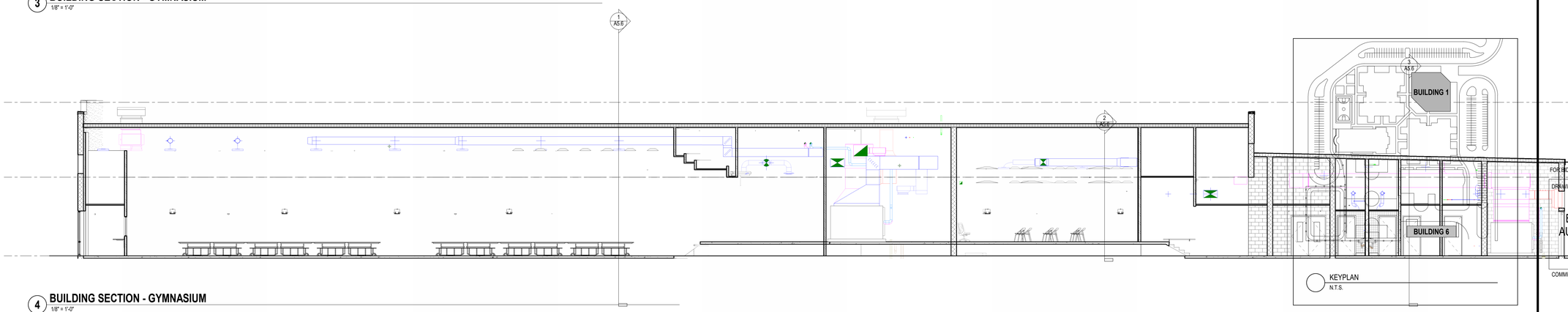
1 **BUILDING SECTION - GYMNASIUM**
1/8" = 1'-0"



2 **BUILDING SECTION - GYMNASIUM**
1/8" = 1'-0"



3 **BUILDING SECTION - GYMNASIUM**
1/8" = 1'-0"



4 **BUILDING SECTION - GYMNASIUM**
1/8" = 1'-0"

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STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

BUILDING SECTIONS - AUDETERIA - BUILDING 3

COMMISSION NUMBER:

26K014

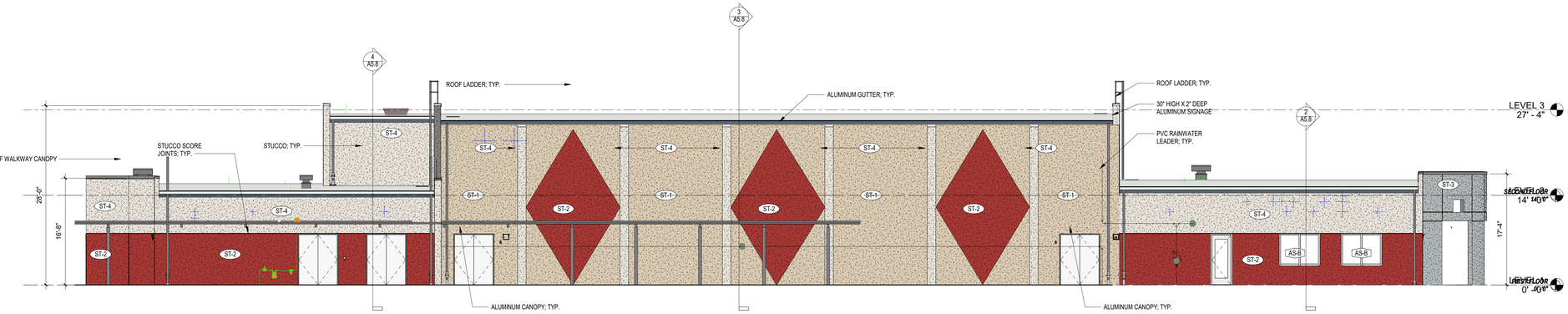
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DRAWING NUMBER:

A5.6

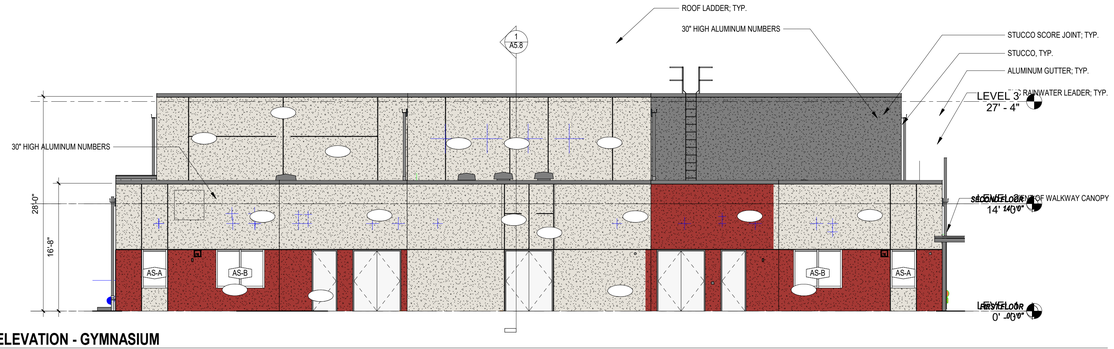
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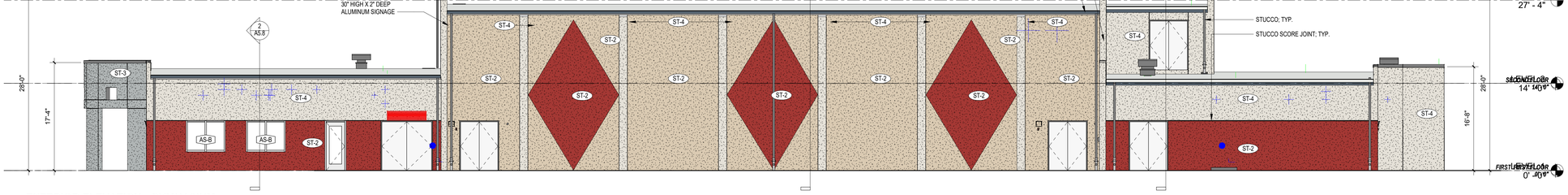
2 EXTERIOR ELEVATION - GYMNASIUM

1/8" = 1'-0"



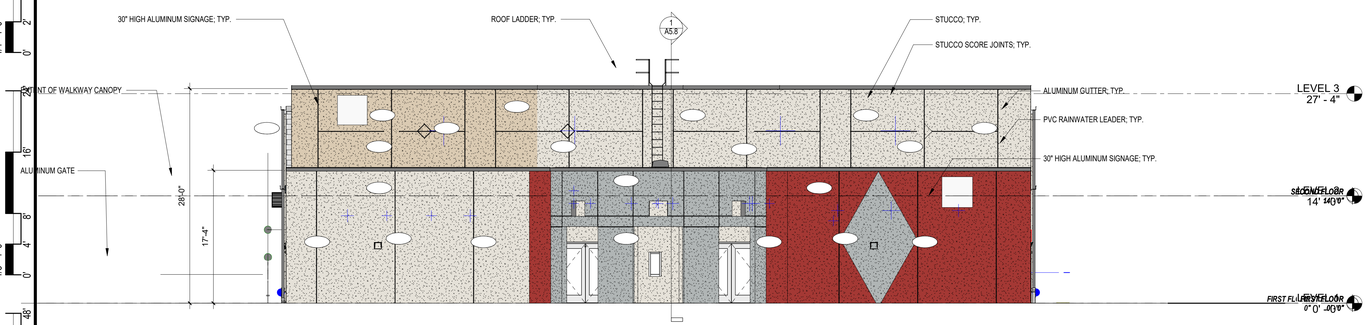
1 EXTERIOR ELEVATION - GYMNASIUM

1/8" = 1'-0"



3 EXTERIOR ELEVATION - GYMNASIUM

1/8" = 1'-0"

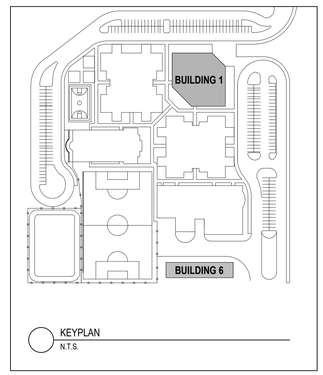


4 EXTERIOR ELEVATION - GYMNASIUM

1/8" = 1'-0"

EXTERIOR FINISH LEGEND

- ST 1: SOFTER TAN SW 6141
- ST 2: TANAGER SW 6601
- ST 3: ONLINE SW 7072
- ST 4: HERON PLUME SW 6070
- ST 5: ULTRA WHITE SW 9500
- METAL FINISH 1: BLACK



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

EXTERIOR ELEVATIONS - GYMNASIUM - BUILDING 4

COMMISSION NUMBER:

26K014

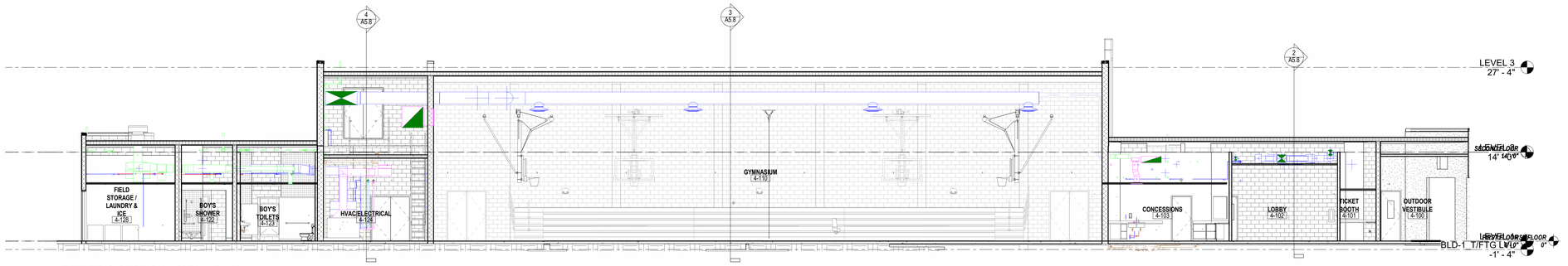
DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

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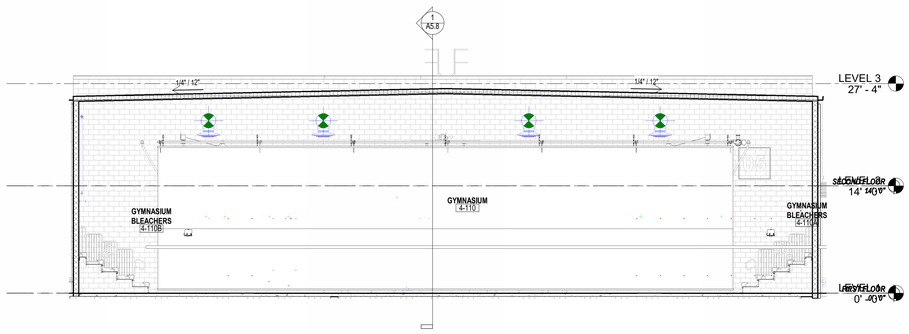
1 BUILDING SECTION - GYMNASIUM

1/8" = 1'-0"



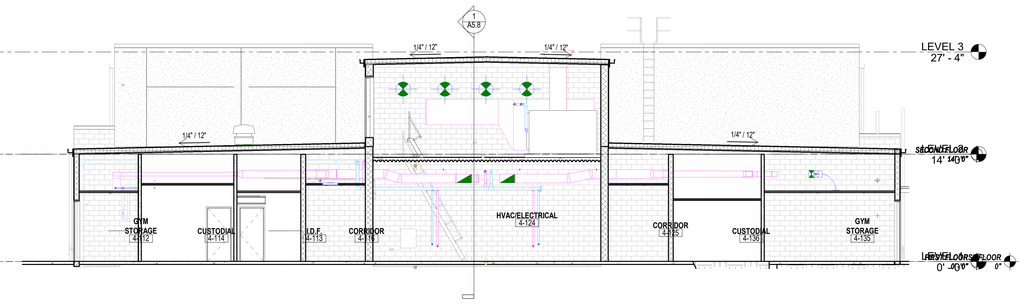
2 BUILDING SECTION - GYMNASIUM

1/8" = 1'-0"



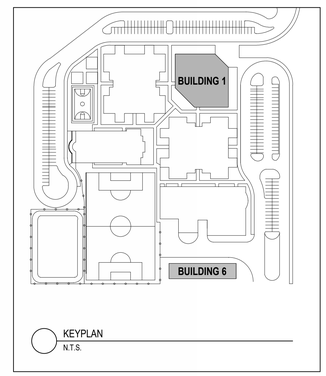
3 BUILDING SECTION - GYMNASIUM

1/8" = 1'-0"



4 BUILDING SECTION - GYMNASIUM

1/8" = 1'-0"



CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

BUILDING SECTIONS - GYMNASIUM - BUILDING 4

COMMISSION NUMBER:

26K014

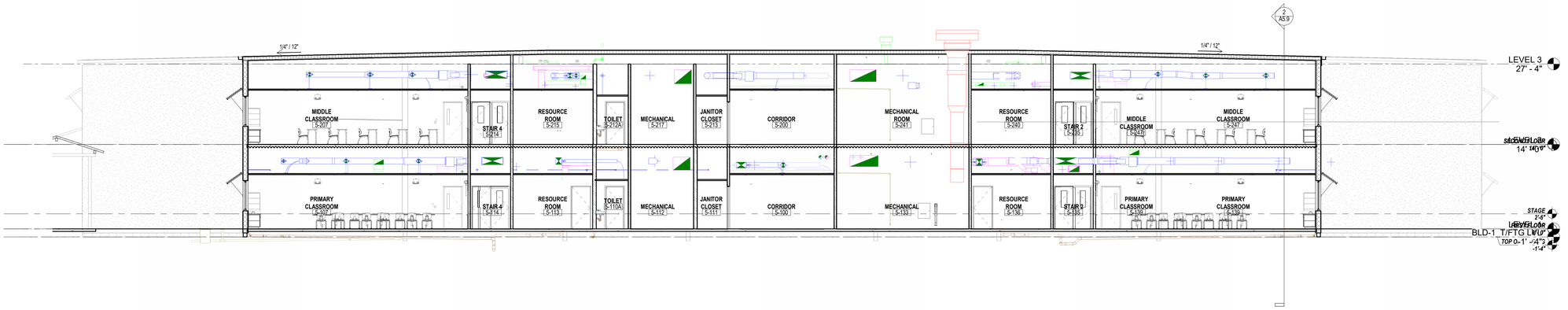
DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

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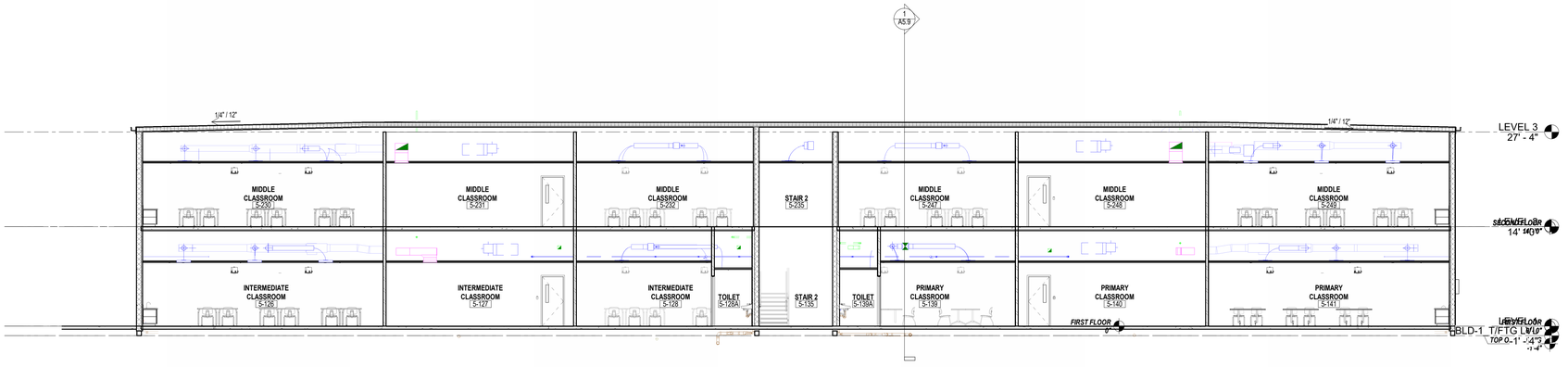
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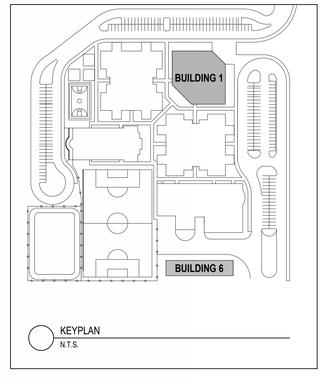
1 BUILDING SECTION - CLASSROOM 2

1/8" = 1'-0"



2 BUILDING SECTION - CLASSROOM 2

1/8" = 1'-0"



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

spiezle

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

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DESIGN DEVELOPMENT
5/29/2026

PROJECT:

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

BUILDING SECTIONS - CLASSROOM 2 - BUILDING 5

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

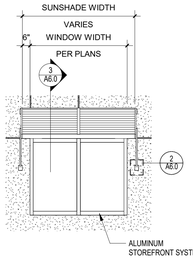
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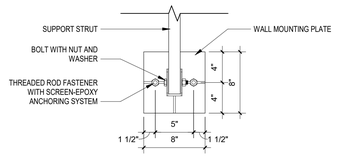
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3"=1'-0" 1 1/2"=1'-0" 1"=1'-0" 3/4"=1'-0" 1/2"=1'-0" 1/4"=1'-0" 1/8"=1'-0" 1/16"=1'-0"

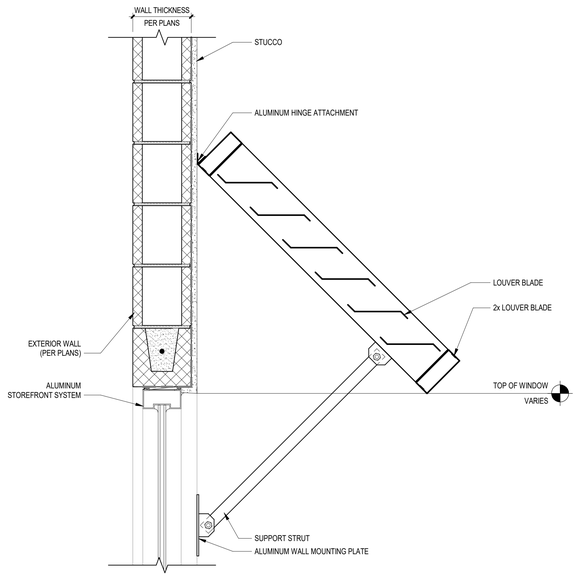
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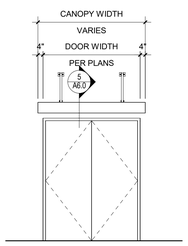
1 SUNSHADE ELEVATION - TYPICAL - ALTERNATE BID
1/4" = 1'-0"



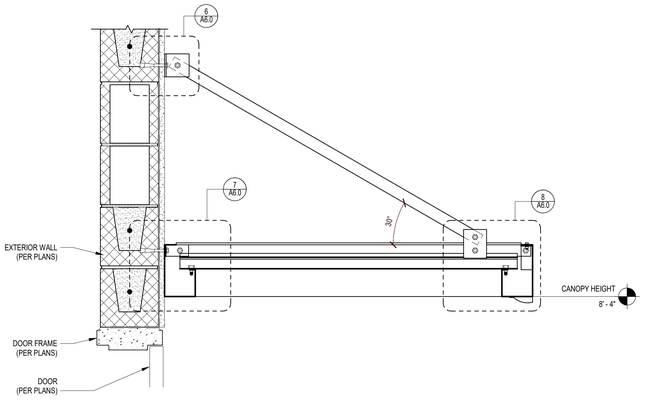
2 SUNSHADE WALL MOUNTING PLATE - TYPICAL - ALTERNATE BID
1 1/2" = 1'-0"



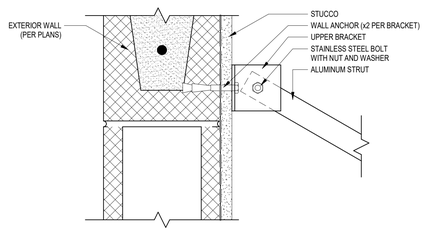
3 SUNSHADE SECTION DETAIL - TYPICAL- ALTERNATE BID
1 1/2" = 1'-0"



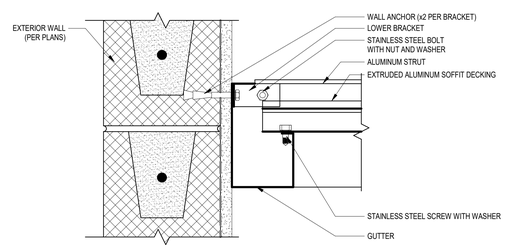
4 SUSPENDED CANOPY ELEVATION - TYPICAL
1/4" = 1'-0"



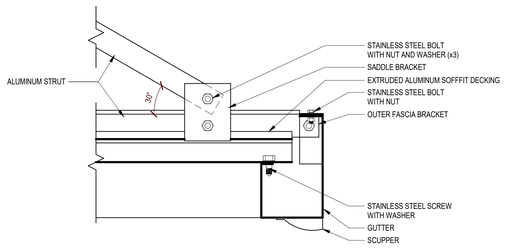
5 SUSPENDED CANOPY SECTION - TYPICAL
1 1/2" = 1'-0"



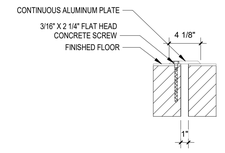
6 SUSPENDED CANOPY UPPER BRACKET DETAIL - TYPICAL
3" = 1'-0"



7 SUSPENDED CANOPY LOWER BRACKET DETAIL - TYPICAL
3" = 1'-0"



8 SUSPENDED CANOPY SECTION - TYPICAL
3" = 1'-0"



9 EXTERIOR THRESHOLD
1 1/2" = 1'-0"

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

WALL SECTIONS

COMMISSION NUMBER:

26K014

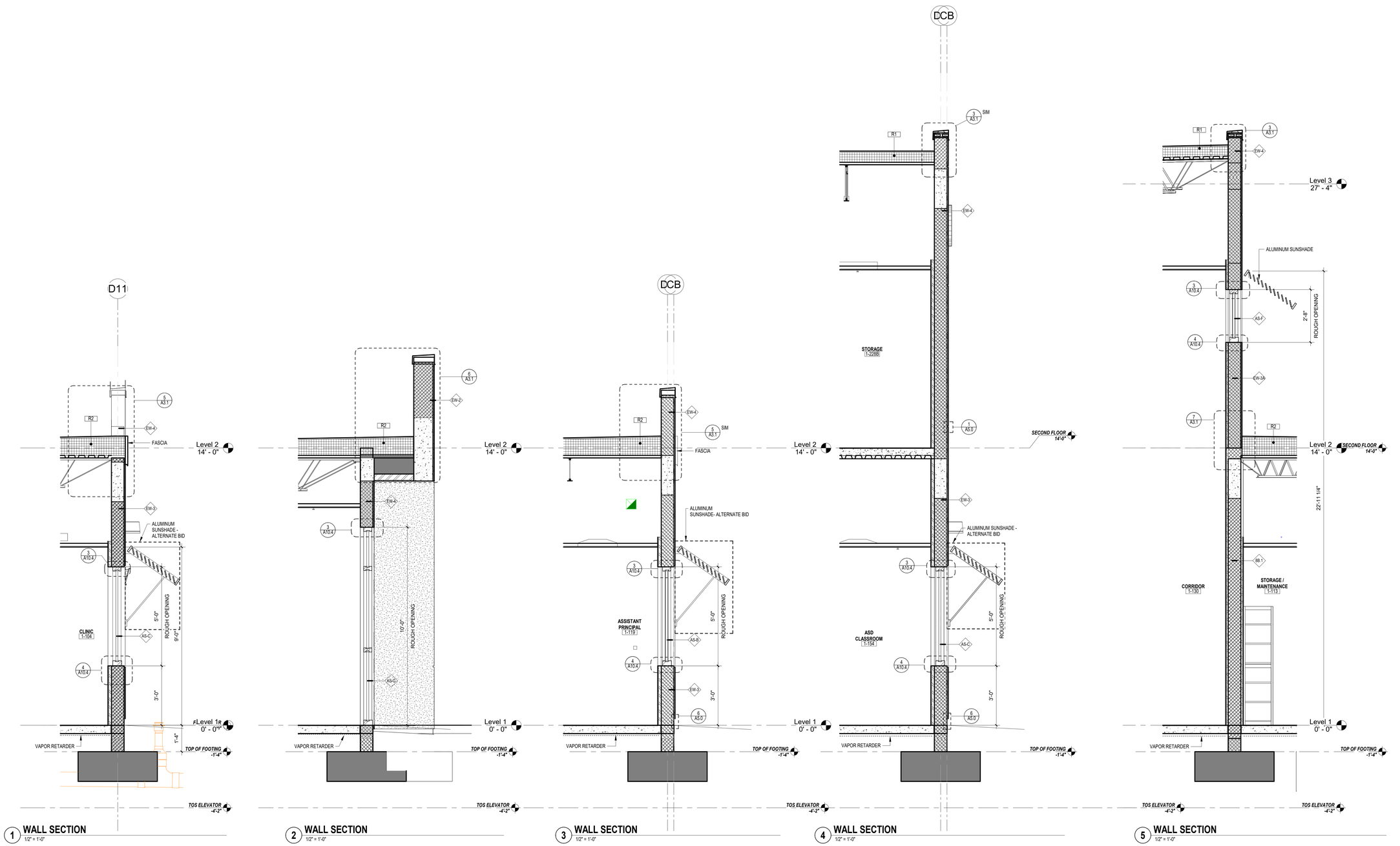
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DRAWING NUMBER:

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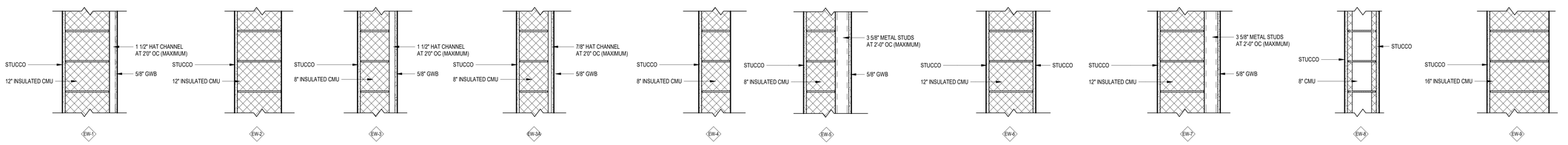
1 WALL SECTION
1/2" = 1'-0"

2 WALL SECTION
1/2" = 1'-0"

3 WALL SECTION
1/2" = 1'-0"

4 WALL SECTION
1/2" = 1'-0"

5 WALL SECTION
1/2" = 1'-0"



6 EXTERIOR WALL TYPES
1" = 1'-0"

CODE REVIEW:

CERTIFICATE:

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80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

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DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

WALL SECTIONS - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:
26K014

DO NOT SCALE THE DRAWINGS

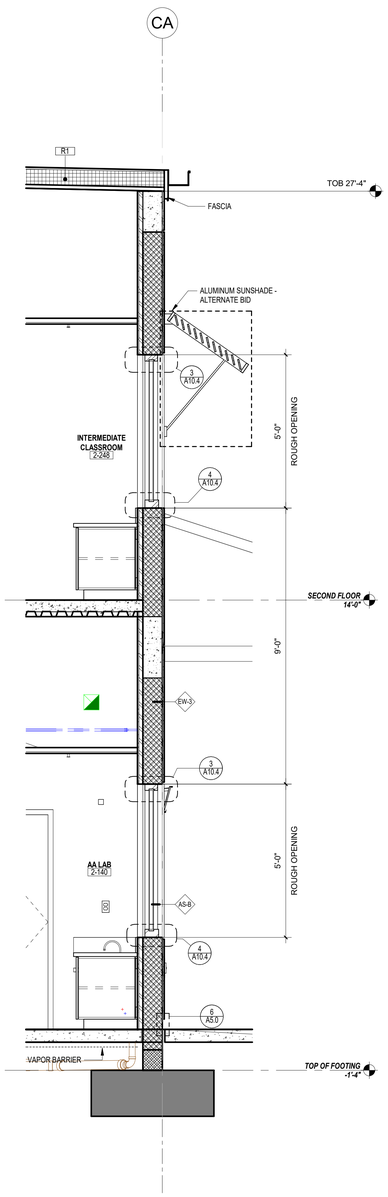
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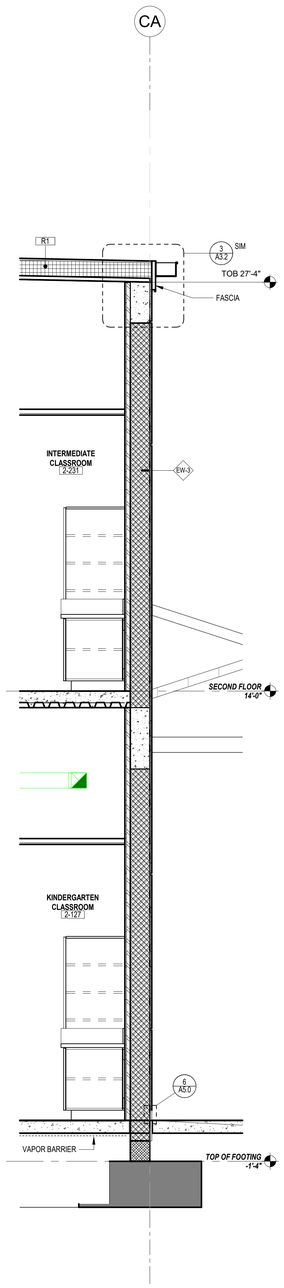
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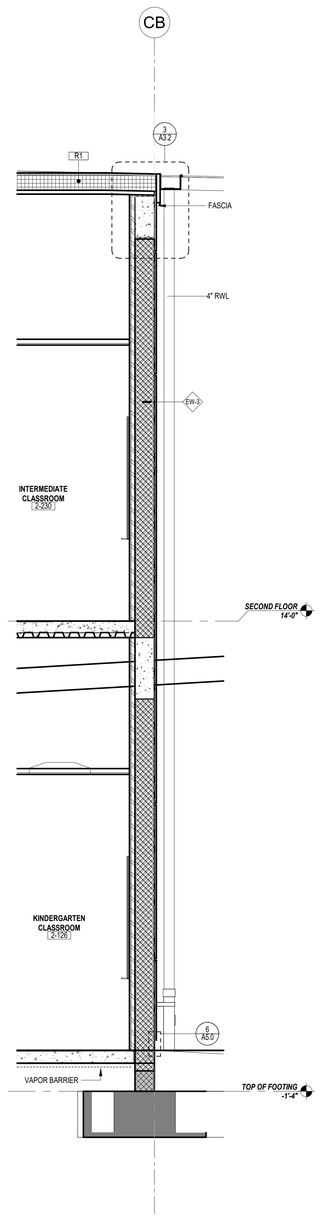
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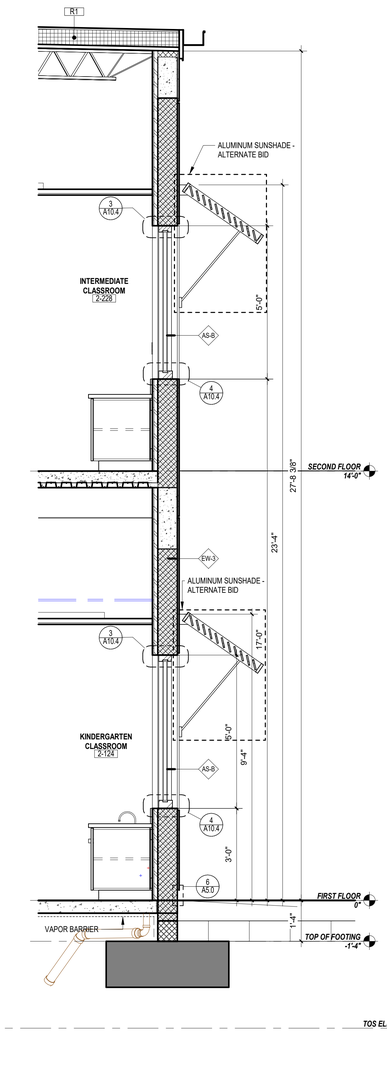
1 WALL SECTION
1/2" = 1'-0"



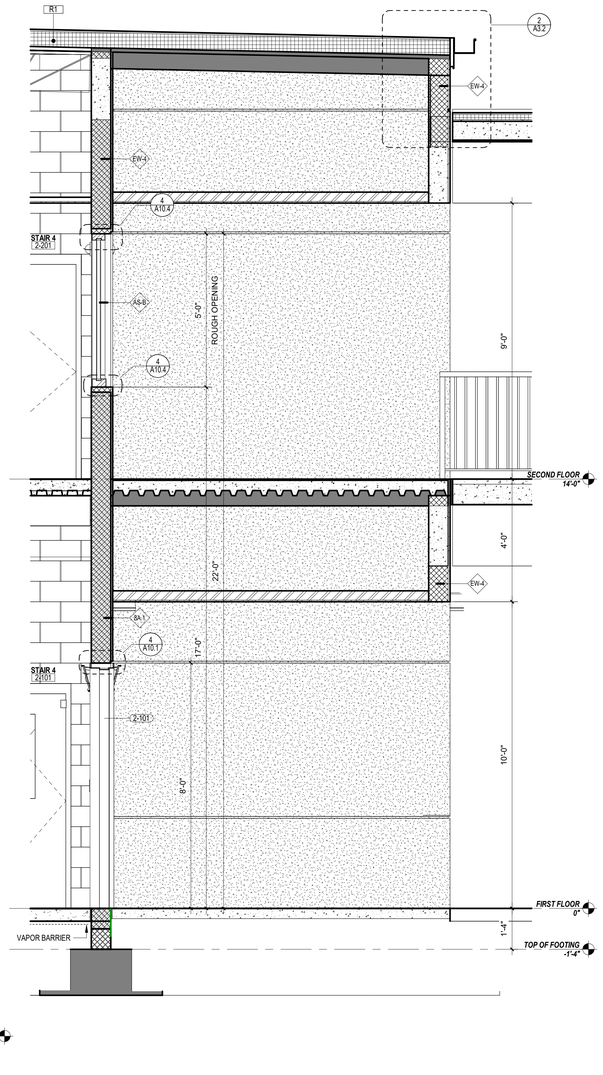
2 WALL SECTION
1/2" = 1'-0"



3 WALL SECTION
1/2" = 1'-0"



4 WALL SECTION
1/2" = 1'-0"



5 WALL SECTION
1/2" = 1'-0"

CODE REVIEW:

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80 ROYAL PALM POINT
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VERO BEACH, FL. 32960
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FOR

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9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

WALL SECTIONS - CLASSROOM 1 AND 2 - BUILDING 2 AND 5

COMMISSION NUMBER:
26K014

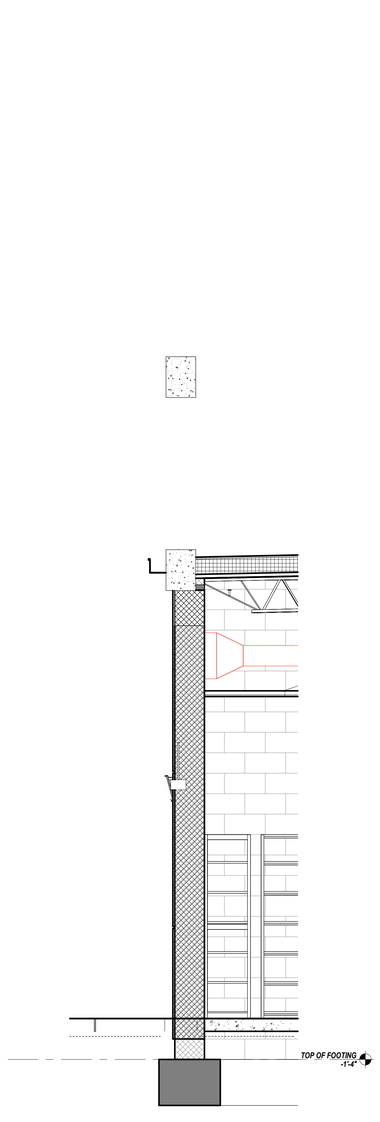
DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:
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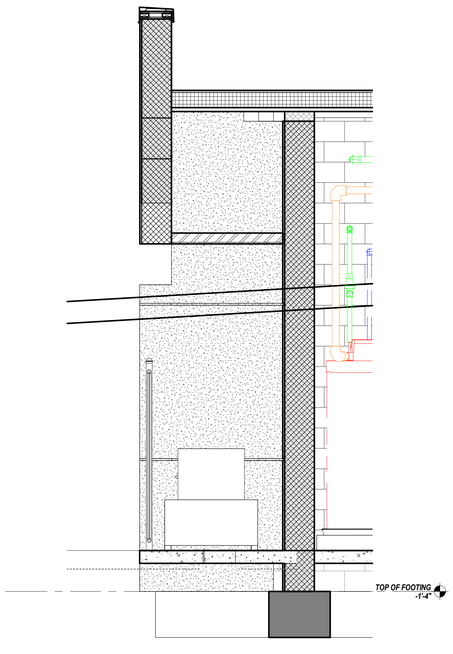
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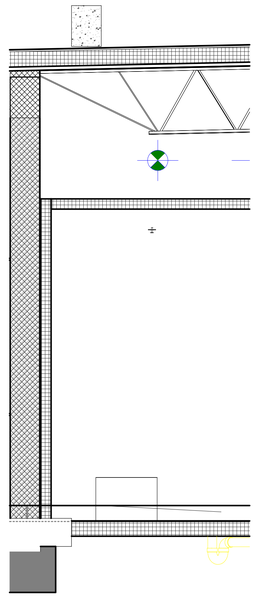
3"=1'-0"
1 1/2"=1'-0"
1"=1'-0"
3/4"=1'-0"
1/2"=1'-0"
1/4"=1'-0"
1/8"=1'-0"
1/16"=1'-0"



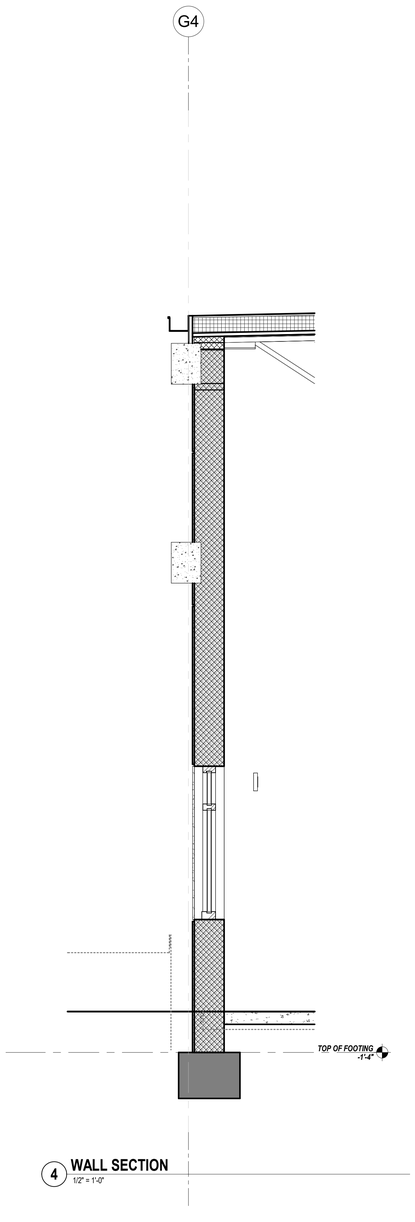
1 WALL SECTION
1/2" = 1'-0"



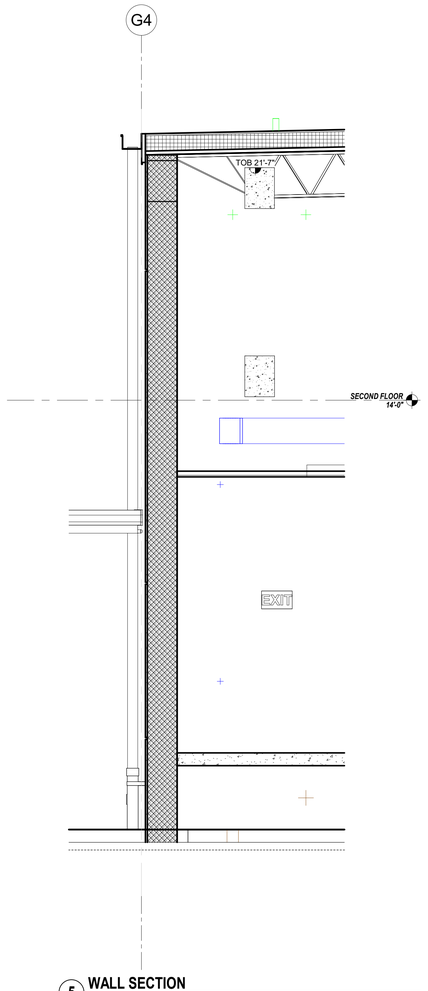
2 WALL SECTION
1/2" = 1'-0"



3 WALL SECTION
1/2" = 1'-0"



4 WALL SECTION
1/2" = 1'-0"



5 WALL SECTION
1/2" = 1'-0"

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL. 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

WALL SECTIONS - AUDETERIA - BUILDING 3

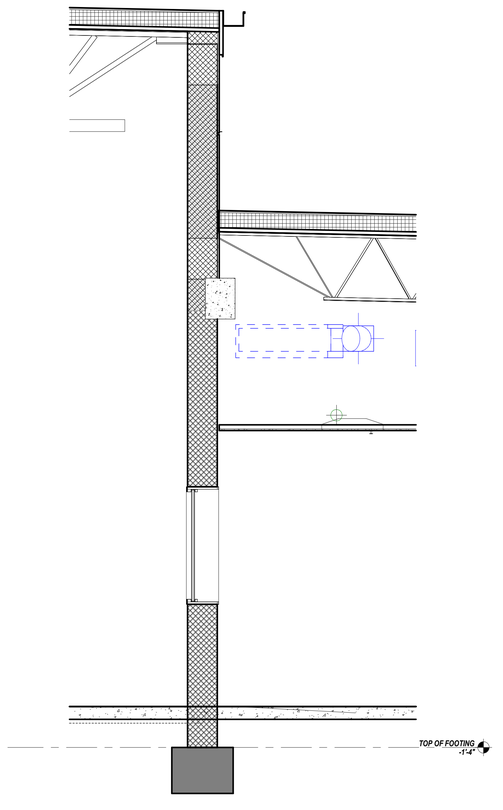
COMMISSION NUMBER:
26K014

DO NOT SCALE THE DRAWINGS

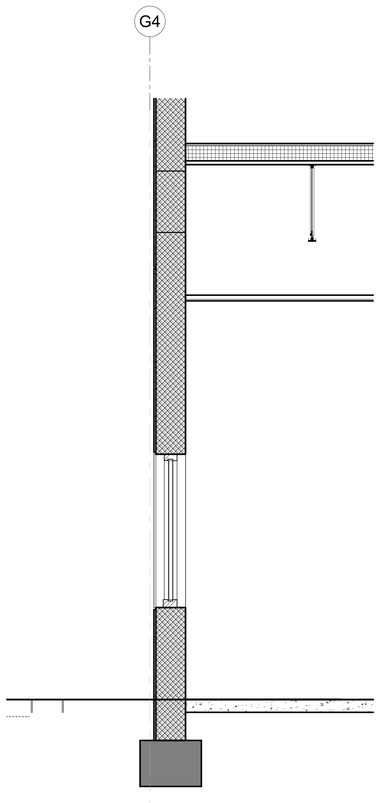
DRAWING NUMBER:
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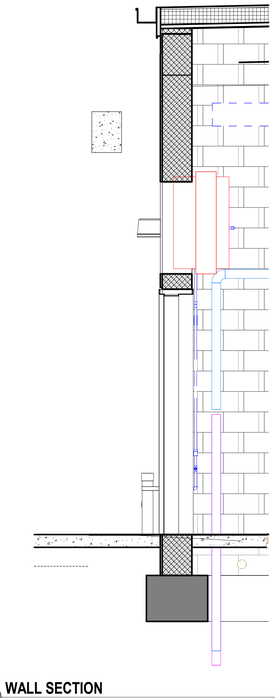
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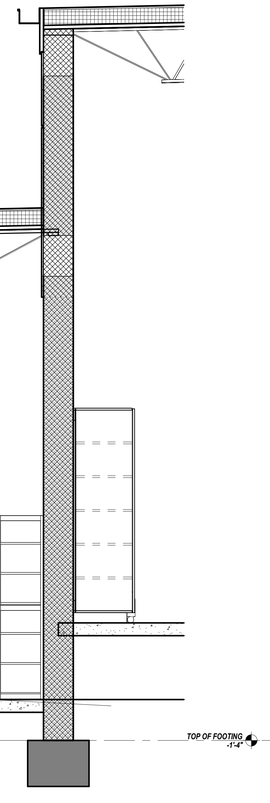
1 WALL SECTION
1/2" = 1'-0"



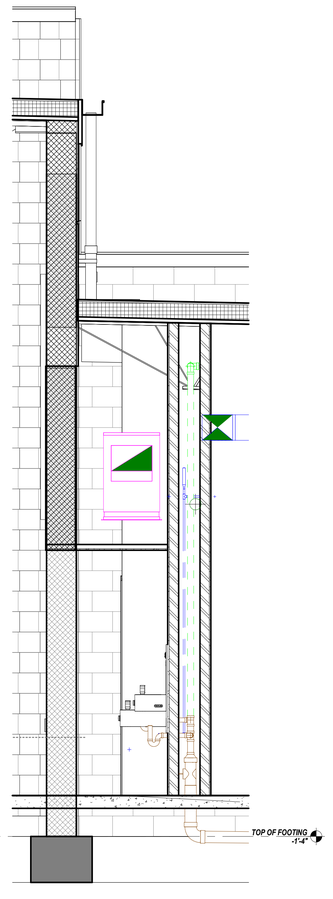
2 WALL SECTION
1/2" = 1'-0"



3 WALL SECTION
1/2" = 1'-0"



4 WALL SECTION
1/2" = 1'-0"



5 WALL SECTION
1/2" = 1'-0"

3"=1'-0"
1 1/2"=1'-0"
1"=1'-0"
3/4"=1'-0"
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1/4"=1'-0"
1/8"=1'-0"
1/16"=1'-0"

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DRAWING TITLE:

WALL SECTIONS - AUDETERIA - BUILDING 3

COMMISSION NUMBER:
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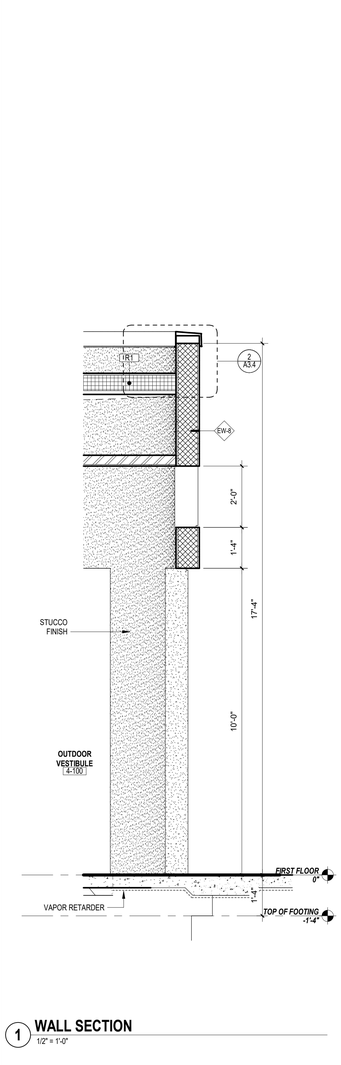
DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

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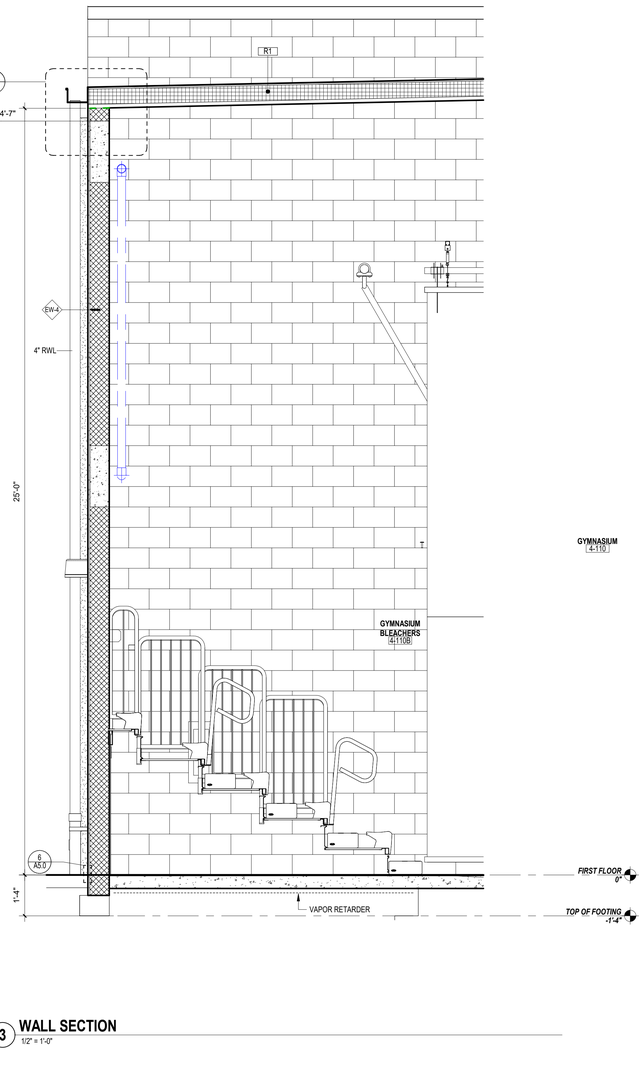
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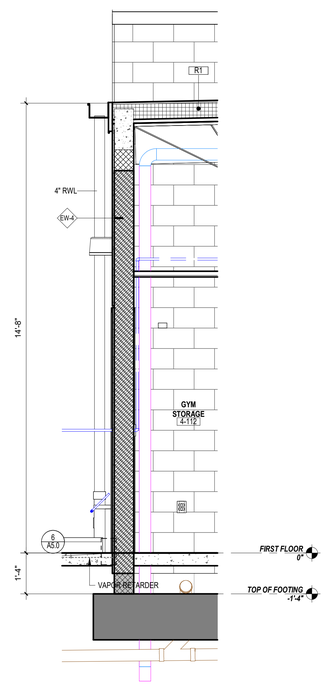


1 WALL SECTION
1/2" = 1'-0"

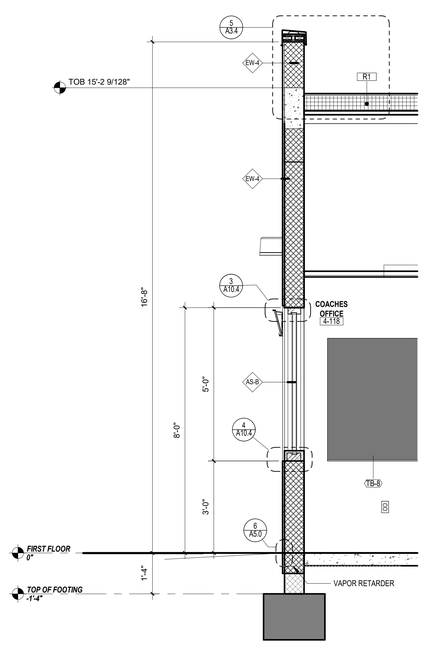
2 WALL SECTION
1/2" = 1'-0"



3 WALL SECTION
1/2" = 1'-0"



4 WALL SECTION
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5 WALL SECTION
1/2" = 1'-0"

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

WALL SECTIONS - GYMNASIUM - BUILDING 4

COMMISSION NUMBER:

26K014

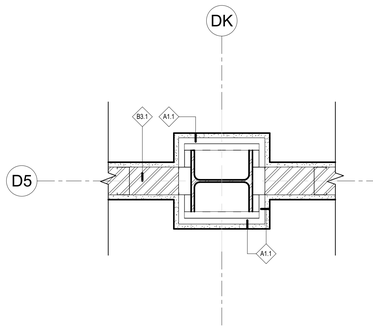
DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

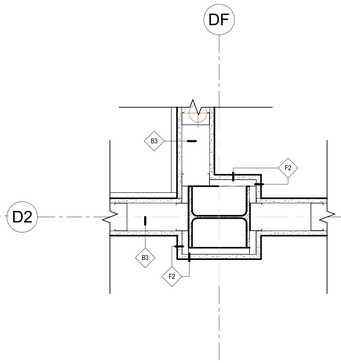
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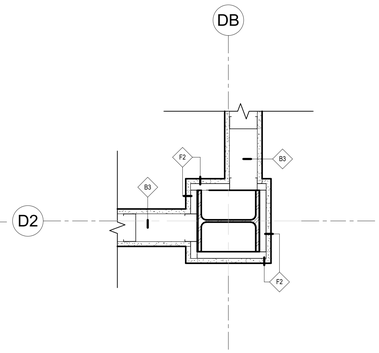
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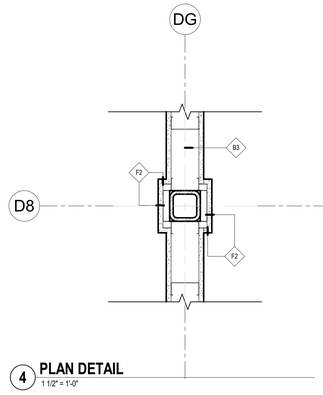
1 **PLAN DETAIL**
1 1/2" = 1'-0"



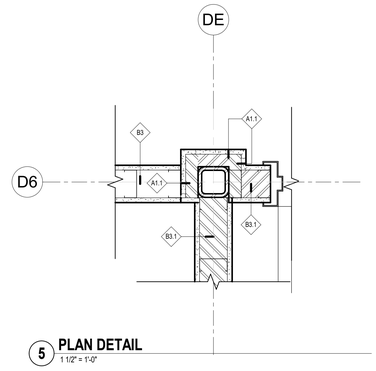
2 **PLAN DETAIL**
1 1/2" = 1'-0"



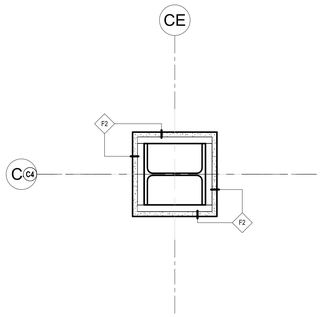
3 **PLAN DETAIL**
1 1/2" = 1'-0"



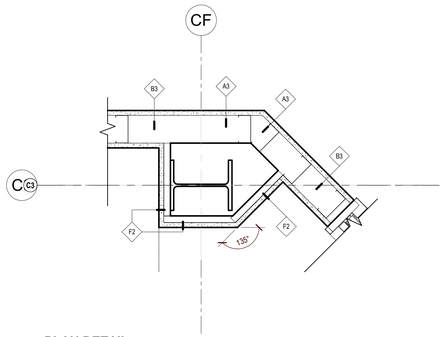
4 **PLAN DETAIL**
1 1/2" = 1'-0"



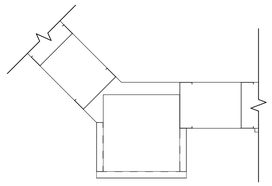
5 **PLAN DETAIL**
1 1/2" = 1'-0"



6 **PLAN DETAIL**
1 1/2" = 1'-0"



7 **PLAN DETAIL**
1 1/2" = 1'-0"



8 **PLAN DETAIL**
1 1/2" = 1'-0"

3"= 1'-0"
1 1/2"= 1'-0"
1"= 1'-0"
3/4"= 1'-0"
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DRAWING TITLE:

PLAN DETAILS

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

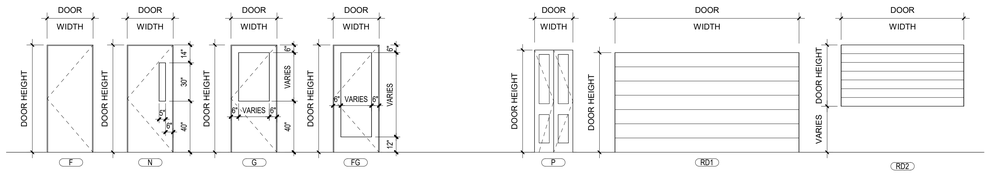
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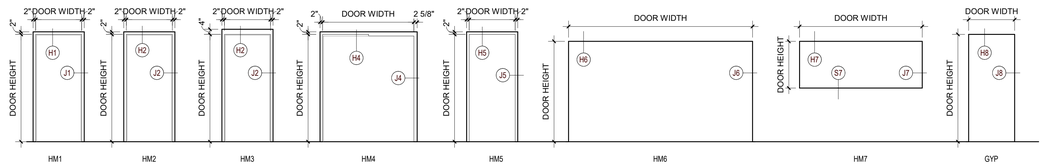
DOOR SCHEDULE - BLDG 1 - ADMIN

MARK	LOCATION	DOOR WIDTH(s)	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	RATING (MINS)	HARDWARE SET	REMARKS
1-100	WAITING ROOM	3'-0" / 3'-0"	8'-0"	FG	AL	AS-Z	.	03	CONT. WEATHERSTRIPPING
1-100A	WAITING ROOM	3'-0" / 3'-0"	8'-0"	FG	AL	AS-Z	.	01	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
1-101A	RECEPTION	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21	
1-101B	RECEPTION	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21B	ELECTRONIC DOOR ACCESS
1-102A	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM1	45	18	FIRE RATED GLAZING
1-103	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	18	
1-103A	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	18	
1-104A	CLINIC	3'-0"	7'-0"	N	WD	HM1	.	40	
1-104B	CLINIC	3'-0"	7'-0"	F	WD	HM3	.	40	
1-105	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-106	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-107	TESTING	3'-0"	7'-0"	N	WD	HM1	.	35	
1-108	ESE ADMIN.	3'-0"	7'-0"	N	WD	HM1	.	35	
1-109	DATA	3'-0"	7'-0"	F	WD	HM1	.	33	
1-110	OFFICE	3'-0"	7'-0"	F	WD	HM1	.	35	
1-111	OFFICE	3'-0"	7'-0"	F	WD	HM1	.	35	
1-112	TEACHER'S LOUNGE	3'-0"	7'-0"	F	WD	HM1	.	40	
1-112A	TEACHER'S LOUNGE	3'-0"	7'-0"	F	WD	HM3	.	40	
1-113	STORAGE / MAINTENANCE	3'-0"	7'-0"	F	WD	HM1	.	33	
1-113A	STORAGE / MAINTENANCE	3'-0"	7'-0"	F	WD	HM1	.	33	
1-114	BOOK KEEPER	3'-0"	7'-0"	N	WD	HM1	.	35	
1-115	CONFERENCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	40	
1-115A	PRINCIPAL	3'-0"	7'-0"	F	WD	HM1	.	40	
1-116	STORAGE	2'-4"	7'-0"	F	WD	HM1	.	33	
1-117	PRINCIPAL	3'-0"	7'-0"	N	WD	HM1	.	35B	
1-117A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-118	SECRETARY	3'-0"	7'-0"	N	WD	HM1	.	35	
1-119	ASSISTANT PRINCIPAL	3'-0"	7'-0"	N	WD	HM1	.	35	
1-120	OFFICE	3'-0"	7'-0"	N	WD	HM1	.	35	
1-120A	CLOSET	2'-6" / 2'-6"	7'-0"	P	WD	GYP	.	48	
1-121	TOILET	3'-0"	7'-0"	F	WD	HM3	.	41	
1-122	TEXTBOOK STORAGE	3'-0"	7'-0"	N	WD	HM1	.	33	
1-123	PRODUCTION / WORKROOM	3'-0"	7'-0"	N	WD	HM1	.	35	
1-123A	PRODUCTION / WORKROOM	3'-0"	7'-0"	F	WD	HM1	.	33	
1-123B	PRODUCTION / WORKROOM	3'-0"	7'-0"	N	WD	HM3	.	36	
1-124	RECORDS	3'-0"	7'-0"	F	WD	HM1	45	35	
1-125	VAULT	3'-0"	7'-0"	F	HM	HM1	45	33	
1-126	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
1-127	JAN.	3'-0"	7'-0"	F	WD	HM1	.	33	
1-128	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-129	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-130	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
1-130A	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
1-130C	OFFICE	3'-0"	7'-0"	F	WD	HM1	45	35A	
1-131	ESE RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-131A	CLOSET	1'-3" / 1'-3"	7'-0"	P	WD	GYP	.	48	
1-132	TOILET	3'-0"	7'-0"	F	WD	HM1	45	41A.1	
1-133	TOILET	3'-0"	7'-0"	F	WD	HM1	45	41A.1	
1-134	MS ESE	3'-0"	7'-0"	N	WD	HM1	45	38	FIRE RATED GLAZING
1-134A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-134B	MS ESE	3'-0"	7'-0"	F	WD	HM1	.	33	
1-135	FULL TIME ESE	3'-0"	7'-0"	N	WD	HM1	45	38	FIRE RATED GLAZING
1-135A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-135B	FULL TIME ESE	3'-0"	7'-0"	F	WD	HM1	.	33	
1-135D	WORK ROOM	3'-0"	7'-0"	N	WD	HM1	.	40	
1-135E	FULL TIME ESE	3'-0"	7'-0"	N	WD	HM1	.	40	
1-136	STAIR 1	3'-0"	7'-0"	N	HM	HM3	60	31	STAIR EXIT DOOR (UL DOOR/FRAME), FIRE RATED GLAZING
1-136A	STAIR 1	3'-0"	7'-10"	F	HM	HM2	.	14	CONTINUOUS WEATHERSTRIPPING
1-137	ELECTRICAL	3'-0"	7'-0"	F	WD	HM1	45	28A	
1-138	STORAGE	3'-0"	7'-0"	F	WD	HM1	45	33	
1-139	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	45	24	
1-140	ELEVATOR EQUIPMENT ROOM	3'-6"	7'-0"	F	WD	HM3	60	34	
1-141	SECRETARY	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-142	STORAGE	3'-0"	7'-0"	F	WD	HM1	.	33	
1-143	DEAN	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-144	OFFICE	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-145	READING ROOM	3'-0" / 3'-0"	7'-0"	N	WD	HM1	45	18A	FIRE RATED GLAZING
1-145A	READING ROOM	3'-0" / 3'-0"	7'-0"	N	WD	HM1	45	18A	FIRE RATED GLAZING
1-146	COUNSELOR	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-147	ASSISTANT PRINCIPAL	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-148	SECRETARY	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-149	STORAGE	3'-0"	7'-0"	F	WD	HM1	.	33	
1-150	ELEVATOR EQUIPMENT ROOM	3'-6"	7'-0"	F	WD	HM3	60	34	
1-151	OTPT	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	23	
1-152	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
1-153	STAIR 2	3'-0"	7'-0"	N	HM	HM3	60	31	STAIR EXIT DOOR (UL DOOR/FRAME), FIRE RATED GLAZING
1-153A	STAIR 2	3'-0"	7'-10"	F	HM	HM2	.	14	CONT. WEATHERSTRIPPING
1-154	ASD CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
1-154A	QUIET ROOM	3'-0"	7'-0"	N	WD	HM1	.	43	
1-154B	ASD CLASSROOM	3'-0"	7'-0"	F	WD	HM1	.	33	
1-154C	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-155	FULL TIME ESE	3'-0"	7'-0"	N	WD	HM1	.	38	
1-155A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-156	SPEECH PATHOLOGY	3'-0"	7'-0"	N	WD	HM1	.	35	
1-157	CONFERENCE	3'-0"	7'-0"	N	WD	HM1	45	40A	FIRE RATED GLAZING
1-158	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM4	45	16	FIRE RATED GLAZING
1-200	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y		01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
1-200A	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y		01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
1-201	SRO	3'-0"	7'-0"	N	WD	HM1	45	38	FIRE RATED GLAZING
1-202	TOILET	3'-0"	7'-0"	F	WD	HM1	45	41A.1	
1-203	TOILET	3'-0"	7'-0"	F	WD	HM1	45	41A	
1-204	TOILET	3'-0"	7'-0"	F	WD	HM1	45	41A	
1-205	LIFE SKILLS LAB	3'-0"	7'-0"	N	WD	HM1	45	38	FIRE RATED GLAZING
1-205A	CLOSET	3'-0" / 3'-0"	7'-0"	P	WD	GYP	.	48	
1-205B	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-206	FULL TIME IND LAB	3'-0"	7'-0"	N	WD	HM1	45	38	FIRE RATED GLAZING
1-207	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-208	PRODUCTION / STORAGE	3'-0"	7'-0"	F	WD	HM1	45	33A	
1-209	STAIR 1	3'-0"	7'-0"	N	HM	HM3	60	31	FIRE RATED GLAZING
1-210	ELECTRICAL	3'-0"	7'-0"	F	WD	HM1	45	33A	
1-211	TOILET	3'-0"	7'-0"	F	WD	HM1	45	41A	
1-212	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	45	24	
1-213	JANITOR CLOSET	3'-0"	7'-0"	F	WD	HM1	45	32A	
1-214	SECRETARY	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-215	STORAGE	3'-0"	7'-0"	F	WD	HM1		33	
1-216	DEAN	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-217	DATA	3'-0"	7'-0"	F	WD	HM1	45	33A	
1-218	TECH LAB	3'-0" / 3'-0"	7'-0"	N	WD	HM1	45	23	FIRE RATED GLAZING
1-218A	TECH LAB	3'-0" / 3'-0"	7'-0"	N	WD	HM1	45	23	FIRE RATED GLAZING
1-219	COUNSELOR	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-220	ASSISTANT PRINCIPAL	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-221	SECRETARY	3'-0"	7'-0"	N	WD	HM1	45	35A	FIRE RATED GLAZING
1-222	STORAGE	3'-0"	7'-0"	F	WD	HM1		33	
1-223	STORAGE	3'-0"	7'-0"	F	WD	HM1	45	32A	
1-224	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-224A	STORAGE	3'-0"	7'-0"	F	WD	HM1	.	33	
1-225	ALTERNATIVE LEARNING CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
1-226	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
1-227	STAIR 2	3'-0"	7'-0"	N	HM	HM3	60	31	FIRE RATED GLAZING
1-228	SCIENCE LAB	3'-0"	7'-0"	N	WD	HM1	.	38	
1-228A	OFFICE	3'-0"	7'-0"	N	WD	HM1	.	35	
1-228B	STORAGE	3'-0"	7'-0"	F	WD	HM1	.	33	
1-229	SPANISH	3'-0"	7'-0"	N	WD	HM1	.	38	
1-229A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
1-230	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM4	45	16	FIRE RATED GLAZING

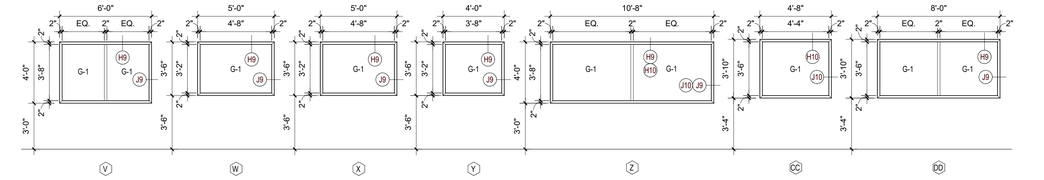


NOTE:
ALL GLAZING IN DOORS TO BE SAFETY GLAZING, PROVIDE FIRE RATED GLAZING WHERE INDICATED IN SCHEDULE, PROVIDE INSULATED SAFETY GLAZING ON ALL EXTERIOR DOORS.

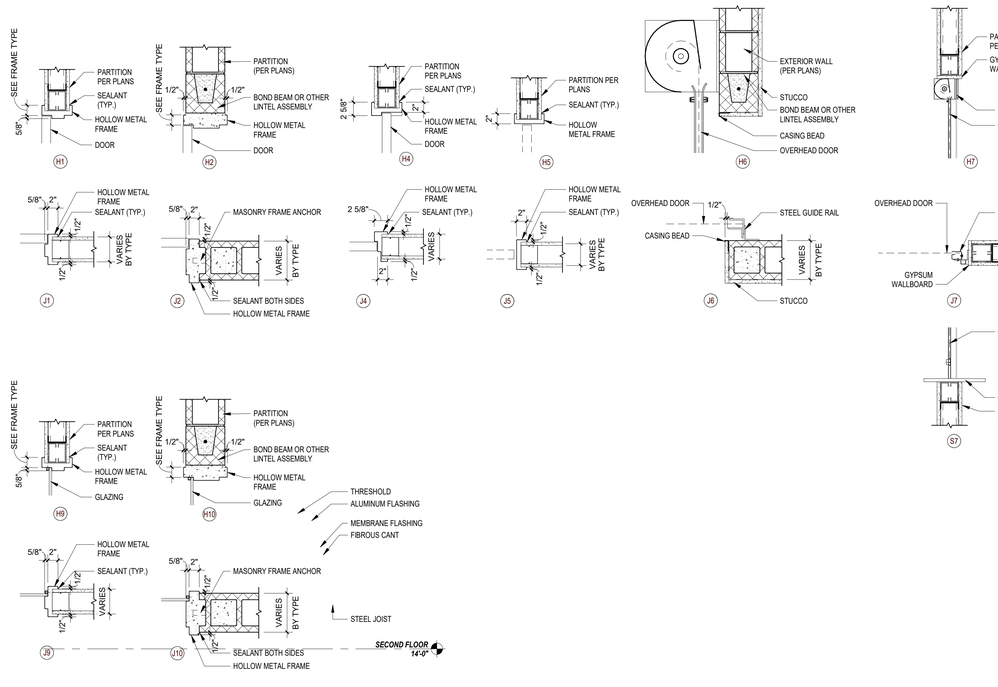
1 DOOR TYPES
1/4" = 1'-0"



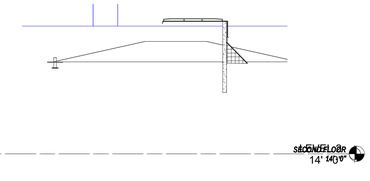
2 FRAME TYPES
1/4" = 1'-0"



3 INTERIOR HM WINDOW FRAME TYPES
1/4" = 1'-0"



4 FRAME DETAILS
1" = 1'-0"



5 THRESHOLD DETAIL - GYM -BUILDING 3
1" = 1'-0"

DOOR AND FRAME NOTES

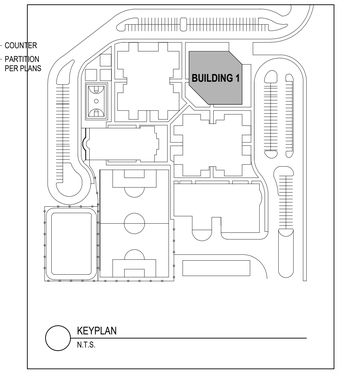
1. OPENING FORCE OF INTERIOR NON-RATED DOORS SHALL BE NO GREATER THAN 5 LBS.
2. OPENING FORCE OF FIRE RATED DOORS SHALL BE NO GREATER THAN 8 LBS.
3. ALL EXTERIOR GLAZING IN NON-RATED WALL AND DOOR ASSEMBLIES SHALL BE MINIMUM 1" INSULATED GLAZING. REFER TO SPECIFICATIONS FOR GLAZING TYPES.
4. PAINT ALL EXPOSED STEEL (COLOR AS SELECTED BY ARCHITECT).
5. PROVIDE COMPATIBLE FLASHING MATERIALS BETWEEN DISSIMILAR MATERIALS SUCH AS STEEL TO ALUMINUM.
6. SHIM ASSEMBLIES AS REQUIRED FOR PLUMB AND LEVEL. PROVIDE SEALANT AND BACKER RODS AT ALL JOINTS BETWEEN WINDOW SYSTEMS, DOOR FRAMES AND OTHER SURROUNDING CONSTRUCTION.
7. ALUMINUM WINDOW AND ENTRANCE FRAMES SHALL NOT BE INSTALLED IN DIRECT CONTACT WITH DISSIMILAR BUILDING MATERIALS.
8. THE MINIMUM LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PULL SIDE SHALL BE 1'-6" MINIMUM.
9. THE MINIMUM LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PUSH SIDE SHALL BE 1'-0" MINIMUM.
10. DO NOT APPLY WALL BASE TO HOLLOW METAL OR ALUMINUM FRAMES, UNLESS OTHERWISE NOTED.
11. THE CONTRACTOR SHALL COORDINATE FOR INSTALLATION OF POWER, CONDUIT AND/OR WIRING, ETC. AT OPENINGS SCHEDULED TO RECEIVE DEVICES SUCH AS DOOR CONTACTS, CARD READERS, ELECTRIC LOCKS AND AUTOMATIC DOOR OPENERS.
12. ALL STUD FRAMED WALLS SHALL HAVE FULLY WRAPPED FRAMES
13. ALL CMU WALLS OF 12" NOMINAL THICKNESS OR LESS SHALL HAVE MASONRY ANCHOR FRAMES.
14. ALL CMU WALLS OF NOMINAL THICKNESS GREATER THAN 12" SHALL HAVE FRAMES WITH 8-3/4" THROAT DIMENSION AND BE LOCATED ON THE CORRIDOR OR SECURE SIDE OF THE OPENING. PROVIDE BULLNOSE CMU ON THE OPPOSITE SIDE.
15. FRAME CONDITIONS AT EXTERIOR OPENINGS MAY VARY. REFER TO SECTION DETAILS FOR MORE SPECIFIC INFORMATION.

ABBREVIATIONS:

HM - HOLLOW METAL
WD - WOOD
AL - ALUMINUM
FRP - FIBER REINFORCED POLYMER

GLAZING SCHEDULE

MARK	DESCRIPTION
IG-1	INSULATING LAMINATE VISION GLASS
IG-2	INSULATING SAFETY GLAZING
G-1	CLEAR FULLY TEMPERED VISION GLAZING
G-2	SECURITY GLAZING: LAMINATED GLASS, 3-PLY



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN D. SIEGEL	AR99546
JOHN F. WRIGHT	AR101341
STEVE LEONE	AR98370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

#	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

DOOR AND FRAME SCHEDULE AND DETAILS - ADMINISTRATION - BUILDING 1

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

A10.1

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DOOR SCHEDULE - BLDG 2 - CLASSROOM 1

MARK	LOCATION	DOOR WIDTH(s)	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	RATING (MINS)	HARDWARE SET	REMARKS
2-100	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
2-100A	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
2-101	STAIR 4	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08	CONTINUOUS WEATHERSTRIPPING
2-101A	STAIR 4	3'-0" / 3'-0"	7'-0"	N	WD	HM3	60	17B	FIRE RATED GLAZING
2-102	STAIR 2	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08	CONTINUOUS WEATHERSTRIPPING
2-102A	STAIR 2	3'-0" / 3'-0"	7'-0"	N	WD	HM3	60	17B	FIRE RATED GLAZING
2-103	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-103A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-104	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-104A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-105	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-105A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-106	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-106A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-107	EXTENDED LEARNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-107A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-108	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
2-110	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-110A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
2-111	JANITOR CLOSET	3'-0"	7'-0"	F	WD	HM1	.	33	
2-112	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
2-113A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-113B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-114	STAIR 3	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
2-114A	STAIR 3	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
2-114B	STAIR 3	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
2-115A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-115B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-116	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-118	ESE PRE-K	3'-0"	7'-0"	N	WD	HM1	.	38	
2-118A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-119	ESE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-119A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-120	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-120A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-121	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-121A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-122	ESE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-122A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-123	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
2-124	KINDERGARTEN CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-124A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-125	KINDERGARTEN CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-125A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-126	KINDERGARTEN CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-126A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-127	KINDERGARTEN CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-127A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-128	KINDERGARTEN CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-128A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-129	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
2-131	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-131A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
2-132	DATA	3'-0"	7'-0"	F	WD	HM1	.	33	
2-133	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	17A	
2-134A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-134B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-135	STAIR 1	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
2-135A	STAIR 1	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
2-135B	STAIR 1	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
2-136A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-136B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-137	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-139	KINDERGARTEN CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-139A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-140	AA LAB	3'-0"	7'-0"	N	WD	HM1	.	38	
2-140A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-141	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-141A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-142	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-142A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-143	KINDERGARTEN CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-143A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-144	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
2-200	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
2-201	STAIR 4	4'-0"	7'-0"	N	HM	HM3	60	30	FIRE RATED GLAZING
2-202	STAIR 2	4'-0"	7'-0"	N	HM	HM3	60	30	FIRE RATED GLAZING
2-203	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-204	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-205	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-206	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-207	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-208	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
2-210	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
2-211	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41A.1	
2-212	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-212A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
2-213	JANITOR	3'-0"	7'-0"	F	WD	HM1	.	33	
2-214A	STAIR 3	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
2-214B	STAIR 3	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
2-215A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-215B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-216A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-216B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-217	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
2-218	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-219	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-220	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
2-222	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-223	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-224	EXTENDED LEARNING	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-225	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-226	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-227	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
2-228	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-229	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-230	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
2-231	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-232	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-233	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
2-234	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
2-235A	STAIR 1	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
2-235B	STAIR 1	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
2-236	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-237	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-237A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
2-238A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-238B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-240A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-240B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-241	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
2-242	DATA	3'-0"	7'-0"	F	WD	HM1	.	33	
2-243	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
2-244	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
2-245	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
2-247	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-248	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-249A	C&T LAB	3'-0"	7'-0"	N	WD	HM1	.	38	
2-249B	C&T LAB	3'-0"	7'-0"	N	WD	HM1	.	38	
2-250	TECH ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
2-251	ESE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
2-252	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS

DOOR SCHEDULE - BLDG 5 - CLASSROOM 2

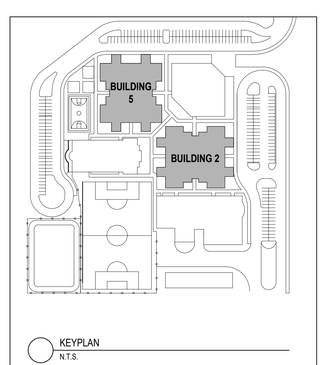
MARK	LOCATION	DOOR WIDTH(s)	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	RATING (MINS)	HARDWARE SET	REMARKS
5-100A	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS / ADA THRESHOLD
5-100B	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS / ADA THRESHOLD
5-101A	STAIR 1	3'-0" / 3'-0"	7'-0"	N	WD	HM3	60	17B	FIRE RATED GLAZING
5-101B	STAIR 1	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08	CONT. WEATHERSTRIPPING / ADA THRESHOLD
5-102A	STAIR 3	3'-0" / 3'-0"	7'-0"	N	WD	HM3	60	17B	FIRE RATED GLAZING
5-102B	STAIR 3	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08	CONT. WEATHERSTRIPPING / ADA THRESHOLD
5-103	ESE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-103A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-104	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-104A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-105	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-105A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-106	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-106A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-107	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-107A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-110	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-110A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
5-111	JANITOR CLOSET	3'-0"	7'-0"	F	WD	HM1	.	33	
5-112	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	17A	
5-113A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
5-113B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-114A	STAIR 4	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
5-114B	STAIR 4	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
5-114C	STAIR 4	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
5-115A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
5-115B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-116	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-118	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-118A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-119	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-119A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-120	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-120A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-121	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-121A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-122	ESE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-122A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-123	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
5-124	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-124A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-125	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-125A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-126	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-126A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-127	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-127A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-128	INTERMEDIATE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-128A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-129	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
5-131	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-131A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
5-132	DATA	3'-0"	7'-0"	F	WD	HM1	.	33	
5-133	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
5-134A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
5-134B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-135A	STAIR 2	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
5-135B	STAIR 2	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
5-135C	STAIR 2	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
5-136A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
5-136B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-137	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-139	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-139A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-140	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-140A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-141	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-141A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-142	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-142A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-143	PRIMARY CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-143A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-144	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
5-200	CORRIDOR	3'-0" / 3'-0"	7'-9 1/2"	FG	AL	AS-Y	.	01A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS / ADA THRESHOLD
5-201	STAIR 1	4'-0"	7'-0"	N	HM	HM3	60	30	FIRE RATED GLAZING
5-202	STAIR 3	4'-0"	7'-0"	N	HM	HM3	60	30	FIRE RATED GLAZING
5-203	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-204	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-205	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-206	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-207	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-208	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
5-210	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
5-211	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-212	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-212A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
5-213	JANITOR CLOSET	3'-0"	7'-0"	F	WD	HM1	.	33	
5-214A	STAIR 4	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
5-214B	STAIR 4	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
5-215A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
5-215B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-216A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
5-216B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-217	MECHANICAL	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
5-218	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-219	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-220	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
5-222	EXTENDED LEARNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-223	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-224	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-225	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-226	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-227	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
5-228	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-229	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-230	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38A	
5-231	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-232	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-233	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
5-234	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
5-235A	STAIR 2	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
5-235B	STAIR 2	3'-0" / 3'-0"	7'-0"	N	WD	HM4	60	16	FIRE RATED GLAZING
5-236	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-237	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-237A	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
5-239A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
5-239B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-240A	RESOURCE ROOM	3'-0"	7'-0"	F	WD	HM1	.	40	
5-240B	RESOURCE ROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-241	MECHANICAL ROOM	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
5-242	DATA	3'-0"	7'-0"	F	WD	HM1	.	33	
5-243	TEACHER PLANNING	3'-0"	7'-0"	N	WD	HM1	.	38	
5-244	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41B	
5-245	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	
5-247	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-248	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-249	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-250	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-251	MIDDLE CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	38	
5-252	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS

DOOR AND FRAME NOTES

1. OPENING FORCE OF INTERIOR NON-RATED DOORS SHALL BE NO GREATER THAN 5 LBS.
2. OPENING FORCE OF FIRE RATED DOORS SHALL BE NO GREATER THAN 8 LBS.
3. ALL EXTERIOR GLAZING IN NON-RATED WALL AND DOOR ASSEMBLIES SHALL BE MINIMUM 1" INSULATED GLAZING. REFER TO SPECIFICATIONS FOR GLAZING TYPES.
4. PAINT ALL EXPOSED STEEL (COLOR AS SELECTED BY ARCHITECT).
5. PROVIDE COMPATIBLE FLASHING MATERIALS BETWEEN DISSIMILAR MATERIALS SUCH AS STEEL TO ALUMINUM.
6. SHIM ASSEMBLIES AS REQUIRED FOR PLUMB AND LEVEL. PROVIDE SEALANT AND BACKER RODS AT ALL JOINTS BETWEEN WINDOW SYSTEMS, DOOR FRAMES AND OTHER SURROUNDING CONSTRUCTION.
7. ALUMINUM WINDOW AND ENTRANCE FRAMES SHALL NOT BE INSTALLED IN DIRECT CONTACT WITH DISSIMILAR BUILDING MATERIALS.
8. THE MINIMUM LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PULL SIDE SHALL BE 1'-6" MINIMUM.
9. THE MINIMUM LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PUSH SIDE SHALL BE 1'-0" MINIMUM.
10. DO NOT APPLY WALL BASE TO HOLLOW METAL OR ALUMINUM FRAMES, UNLESS OTHERWISE NOTED.
11. THE CONTRACTOR SHALL COORDINATE FOR INSTALLATION OF POWER, CONDUIT AND/OR WIRING, ETC. AT OPENINGS SCHEDULED TO RECEIVE DEVICES SUCH AS DOOR CONTACTS, CARD READERS, ELECTRIC LOCKS AND AUTOMATIC DOOR OPENERS.
12. ALL STUD FRAMED WALLS SHALL HAVE FULLY WRAPPED FRAMES
13. ALL CMU WALLS OF 12" NOMINAL THICKNESS OR LESS SHALL HAVE MASONRY ANCHOR FRAMES.
14. ALL CMU WALLS OF NOMINAL THICKNESS GREATER THAN 12" SHALL HAVE FRAMES WITH 8-3/4" THROAT DIMENSION AND BE LOCATED ON THE CORRIDOR OR SECURE SIDE OF THE OPENING. PROVIDE BULLNOSE CMU ON THE OPPOSITE SIDE.
15. FRAME CONDITIONS AT EXTERIOR OPENINGS MAY VARY. REFER TO SECTION DETAILS FOR MORE SPECIFIC INFORMATION.

ABBREVIATIONS:

HM - HOLLOW METAL
WD - WOOD
AL - ALUMINUM
FRP - FIBER REINFORCED POLYMER



KEYPLAN
N.T.S.

CODE RE

DOOR SCHEDULE - BLDG 3 - AUDETERIA

MARK	LOCATION	DOOR WIDTH(s)	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	RATING (MINS)	HARDWARE SET	REMARKS
3-101A	AUDETERIA	3'-0" / 3'-0"	7'-9 1/2"	FG		AS-Y			CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
3-101B	AUDETERIA	3'-0" / 3'-0"	7'-9 1/2"	FG		AS-Y			CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
3-101C	AUDETERIA	3'-0" / 3'-0"	7'-9 1/2"	FG		AS-Y			CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
3-101D	AUDETERIA	3'-0" / 3'-0"	7'-9 1/2"	FG		AS-Y			CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
3-101E	AUDETERIA	3'-0" / 3'-0"	7'-9 1/2"	FG		AS-Y			CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
3-101F	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM3	.	18	
3-102	CONTROL ROOM	3'-0"	7'-0"	F	WD	HM1	.	33	
3-103	VESTIBULE	3'-0"	7'-0"	F	WD	HM1	.	46	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-104	FEMALE RESTROOM	3'-0"	7'-0"	F	WD	HM1	.	46	
3-105	VESTIBULE	3'-0"	7'-0"	F	WD	HM1	.	46	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-106	MALE RESTROOM	3'-0"	7'-0"	F	WD	HM1	.	46	
3-107	MECHANICAL / ELECTRICAL	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	09	CONTINUOUS WEATHERSTRIPPING
3-108	LOCKERS	3'-0"	7'-0"	F	WD	HM1	.	44	
3-109	LOCKERS	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-110	LOCKERS	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-111	KITCHEN	3'-0"	7'-0"	F	WD	HM1	.	46A	
3-112	KITCHEN	3'-0"	7'-0"	F	WD	HM1	.	33	
3-113	KITCHEN	3'-0"	7'-0"	N	AL	.	.	47	PROVIDED WITH COOLER
3-114	KITCHEN	3'-0"	7'-0"	N	AL	.	.	47	PROVIDED WITH FREEZER
3-115	SERVING LINE	3'-0"	7'-0"	N	HM	HM5	.	49	DOUBLE ACTING DOOR
3-116A	AUDETERIA	3'-0"	7'-0"	N	WD	HM2	.	40B	MAGNETIC HOLD OPEN
3-116B	AUDETERIA	3'-0" / 3'-0"	7'-0"	N	WD	HM3	.	25	MAGNETIC HOLD OPEN
3-116C	AUDETERIA	3'-0"	7'-0"	N	WD	HM2	.	40B	MAGNETIC HOLD OPEN
3-118	CORRIDOR	3'-0"	7'-0"	F	WD	HM1	.	33	
3-119	CORRIDOR	3'-0"	7'-0"	G	WD	HM1	.	35	
3-120	BOILER ROOM	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	10	CONTINUOUS WEATHERSTRIPPING
3-121	CORRIDOR	3'-0" / 3'-0"	7'-10"	N	HM	HM2	.	07	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
3-122	CORRIDOR	3'-0"	7'-0"	F	WD	HM1	.	33	
3-123	CORRIDOR	3'-0"	7'-0"	F	WD	HM1	.	33	
3-124	AUDETERIA	3'-0"	7'-0"	N	WD	HM1	.	38	
3-125	TEACHER LOUNGE	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-126	TEACHER LOUNGE	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-127	AUDETERIA	3'-0" / 3'-0"	7'-0"	F	WD	HM3	.	22	
3-128	CORRIDOR	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	07	CONTINUOUS WEATHERSTRIPPING
3-129A	CUSTODIAL RECEIVING	3'-0" / 3'-0"	7'-0"	N	WD	HM3	.	22	
3-129B	CUSTODIAL RECEIVING	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	07	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
3-130A	CUSTODIAL RECEIVING	3'-0" / 3'-0"	7'-10"	F	WD	HM2	.	22	
3-130B	EQUIPMENT STORAGE	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	10	CONTINUOUS WEATHERSTRIPPING
3-131	FLAMMABLE STORAGE	3'-0" / 3'-0"	7'-10"	N	HM	HM2	.	09	CONT. WEATHERSTRIPPING / FUSABLE LINK LOUVER
3-132	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-133	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-134	JANITOR CLOSET	3'-0"	7'-0"	F	WD	HM1	.	33	
3-135	OFFICE	3'-0"	7'-0"	G	WD	HM1	.	35B	
3-136	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	19	STC52 - AUTO DOOR BOTTOM
3-137	PASSAGE	3'-0"	7'-0"	F	WD	HM1	.	33	
3-138	PASSAGE	3'-0"	7'-0"	F	WD	HM1	.	41	
3-139	MALE DRESSING ROOM	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-141	CORRIDOR	3'-0" / 3'-0"	7'-0"	F	HM	HM3	.	17A	
3-142	BAND CLASSROOM	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-143	BAND CLASSROOM	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-145A	LOBBY	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	19	STC52 - AUTO DOOR BOTTOM
3-145B	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	19	STC52 - AUTO DOOR BOTTOM
3-145C	CORRIDOR	3'-0"	7'-0"	N	WD	HM1	.	27	STC52 - AUTO DOOR BOTTOM
3-146A	BAND CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	39	STC52 - AUTO DOOR BOTTOM
3-146B	VOCAL CLASSROOM	3'-0"	7'-0"	F	HM	HM3	.	39	STC52 - AUTO DOOR BOTTOM
3-147	BAND CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	40	
3-148	BAND CLASSROOM	3'-0"	7'-0"	N	WD	HM1	.	40	
3-149	BAND CLASSROOM	3'-0"	7'-0"	G	WD	HM1	.	45	STC60 - AUTO DOOR BOTTOM
3-150	BAND CLASSROOM	3'-0"	7'-0"	G	WD	HM1	.	45	STC60 - AUTO DOOR BOTTOM
3-151	BAND CLASSROOM	3'-0"	7'-0"	G	WD	HM1	.	45	STC52 - AUTO DOOR BOTTOM
3-152	STORAGE	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	22	
3-153	CORRIDOR	3'-0"	7'-0"	N	WD	HM1	.	29	
3-154	PASSAGE	3'-0"	7'-0"	N	WD	HM1	.	35	
3-155	PASSAGE	3'-0"	7'-0"	F	WD	HM1	.	41	
3-156	FEMALE DRESSING ROOM	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD
3-157	CORRIDOR	3'-0"	7'-0"	N	WD	HM1	.	29	
3-158	LOBBY	3'-0" / 3'-0"	7'-9 1/2"	FG		AS-Y			CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
3-159	LOBBY	3'-0" / 3'-0"	7'-0"	N	HM	HM3	.	19	STC52 - AUTO DOOR BOTTOM
3-160A	VESTIBULE	3'-0" / 3'-0"	7'-0"	N	HM	HM3	.	19	STC52 - AUTO DOOR BOTTOM
3-160B	VOCAL CLASSROOM	3'-0"	7'-10"	F	HM	HM2	.	12	CONT. WEATHERSTRIPPING / STC46 - AUTO DOOR BOTTOM
3-161	ENSEMBLE	3'-0"	7'-0"	N	WD	HM1	.	45	STC60 - AUTO DOOR BOTTOM
3-162	ROBE	3'-0"	7'-0"	F	WD	HM1	.	33	
3-163	MECHANICAL	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	10	CONTINUOUS WEATHERSTRIPPING
3-164	JANITOR CLOSET	3'-0"	7'-0"	F	WD	HM1	.	33	
3-165	REFERENCE	3'-0"	7'-0"	N	WD	HM1	.	33	
3-166	PRACTICE	3'-0"	7'-0"	G	WD	HM1	.	45	STC60 - AUTO DOOR BOTTOM
3-167	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41A.1	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-168	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-169A	DRAMA CLASSROOM	3'-0" / 3'-0"	7'-0"	N	HM	HM3	.	18	
3-169B	DRAMA CLASSROOM	3'-0"	7'-9 1/2"	FG		AL			CONTINUOUS WEATHERSTRIPPING
3-170	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-171	TOILET	3'-0"	7'-0"	F	WD	HM1	.	41	MARBLE THRESHOLD (MAX. 1/2" HIGH)
3-172	STORAGE	3'-0"	7'-0"	F	WD	HM1	.	33	
3-173	OFFICE	3'-0"	7'-0"	N	WD	HM1	.	35	

DOOR SCHEDULE - BLDG 4 - GYMNASIUM

MARK	LOCATION	DOOR WIDTH(s)	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	RATING (MINS)	HARDWARE SET	REMARKS
4-101	LOBBY	3'-0"	7'-0"	N	WD	HM1	.	33	
4-102A	OUTDOOR VESTIBULE	3'-0" / 3'-0"	7'-9 1/2"	FG		AS-V			CONTINUOUS WEATHERSTRIPPING
4-102B	OUTDOOR VESTIBULE	3'-0" / 3'-0"	7'-9 1/2"	FG		AS-Y			CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
4-103A	LOBBY	3'-0"	7'-0"	F	WD	HM1	.	33	
4-103B	LOBBY	3'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
4-103C	LOBBY	3'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
4-103D	LOBBY	3'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
4-103E	LOBBY	8'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
4-104	LOBBY	3'-0"	7'-0"	F	WD	HM1	.	46	
4-105A	OUTDOOR VESTIBULE	3'-0"	7'-10"	N	HM	HM2	.	37A	CONTINUOUS WEATHERSTRIPPING
4-105B	LOBBY	3'-0"	7'-0"	N	WD	HM1	.	37	
4-105C	MULTI-PURPOSE CLASSROOM	3'-0"	7'-9 1/2"	FG		AL			CONTINUOUS WEATHERSTRIPPING
4-106A	OUTDOOR VESTIBULE	3'-0"	7'-10"	N	HM	HM2	.	37A	CONTINUOUS WEATHERSTRIPPING
4-106B	LOBBY	3'-0"	7'-0"	N	WD	HM1	.	37	
4-106C	GYMNASTICS DANCE	3'-0"	7'-9 1/2"	FG		AL			CONT. WEATHERSTRIPPING
4-107	STORAGE CLOSET	3'-0" / 3'-0"	7'-0"	F	WD	HM3	.	26	
4-108	EXTENDED LEARNING	3'-0" / 3'-0"	7'-0"	N	WD	HM1	.	21A	ELECTRONIC DOOR ACCESS
4-109	MECHANICAL	4'-0" / 4'-0"	7'-10"	F	HM	HM2	.	11	CONT. WEATHERSTRIPPING
4-109	MEN'S TOILETS	3'-0"	7'-0"	F	WD	HM1	.	46	
4-110A	GYMNASIUM	3'-0" / 3'-0"	7'-10"	N	HM	HM2	.	20	
4-110B	GYMNASIUM	3'-0" / 3'-0"	7'-10"	N	HM	HM2	.	21	ELECTRONIC DOOR ACCESS
4-110C	GYMNASIUM	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08	CONTINUOUS WEATHERSTRIPPING
4-110D	GYMNASIUM	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08A	CONT. WEATHERSTRIPPING / ELECTRONIC DOOR ACCESS
4-110E	GYMNASIUM	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08	CONT. WEATHERSTRIPPING
4-110F	GYMNASIUM	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08	CONT. WEATHERSTRIPPING / ADA THRESHOLD
4-111	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM3	.	24	
4-112A	GYM STORAGE	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	24	
4-112B	GYM STORAGE	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	11A	CONT. WEATHERSTRIPPING
4-113	I.D.F.	3'-0"	7'-0"	F	WD	HM1	.	33	
4-114	CUSTODIAL	3'-0"	7'-0"	F	WD	HM1	.	33	
4-116	CORRIDOR	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08A	CONT. WEATHERSTRIPPING
4-118	COACHES OFFICE	3'-0"	7'-0"	G	WD	HM3	.	38	
4-119	FIRST AID	3'-0"	7'-0"	G	WD	HM1	.	41	
4-120	SHOWER	3'-0"	7'-0"	F	WD	HM3	.	42	
4-121	TOILET	3'-0"	7'-10"	F	HM	HM2	.	15	CONTINUOUS WEATHERSTRIPPING
4-124	HVAC/ELECTRICAL	3'-0" / 3'-0"	7'-0"	F	HM	HM3	.	24	
4-125	CORRIDOR	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	08A	CONTINUOUS WEATHERSTRIPPING
4-128	FIELD STORAGE / LAUNDRY & ICE	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	11A	CONTINUOUS WEATHERSTRIPPING
4-129	TOILET	3'-0"	7'-10"	F	HM	HM2	.	15	CONTINUOUS WEATHERSTRIPPING
4-130	COACHES OFFICE	3'-0"	7'-0"	G	WD	HM3	.	38	
4-131	FIRST AID	3'-0"	7'-0"	G	WD	HM1	.	41	
4-132	SHOWER	3'-0"	7'-0"	F	WD	HM3	.	41	
4-134	BOILER	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	11	CONTINUOUS WEATHERSTRIPPING
4-135A	GYM STORAGE	3'-0" / 3'-0"	7'-0"	F	WD	HM1	.	23	
4-135B	GYM STORAGE	3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	11A	CONTINUOUS WEATHERSTRIPPING
4-136	CUSTODIAL	3'-0"	7'-0"	F	WD	HM3	.	33	
4-137	CORRIDOR	3'-0" / 3'-0"	7'-0"	N	WD	HM3	.	23	
4-200		3'-0" / 3'-0"	7'-10"	F	HM	HM2	.	11	CONTINUOUS WEATHERSTRIPPING
4-239C			0"						
4-239JJJJ									
4-239KKKK									

DOOR SCHEDULE - BLDG 6 - CHILLER

MARK	LOCATION	DOOR WIDTH(s)	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	RATING (MINS)	HARDWARE SET	REMARKS
6-100A	PUMP ROOM	3'-0"	7'-10"	F	AL	HM2	.	13	CONTINUOUS WEATHERSTRIPPING
6-100F	PUMP ROOM	3'-0"	7'-10"	F	AL	HM2	.	12A	CONTINUOUS WEATHERSTRIPPING
6-100G	PUMP ROOM	3'-0"	7'-10"	F	AL	HM2	.	13	CONTINUOUS WEATHERSTRIPPING
6-101A	ELECTRICAL	3'-0" / 3'-0"	7'-10"	F	AL	HM2	.	09A	CONTINUOUS WEATHERSTRIPPING
6-101B	PUMP ROOM	3'-0"	7'-10"	F	HM	HM2	60	28	

DOOR SCHEDULE - OVERHEAD DOORS

MARK	LOCATION	DOOR WIDTH(s)	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	RATING (MINS)	HARDWARE SET	REMARKS
3-117	AUDETERIA	6'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
3-129C		12'-0"	10'-0"	RD1	HM	HM6	.	50	CONT. WEATHERSTRIPPING / OVERHEAD COILING DOOR
4-103B	LOBBY	3'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
4-103C	LOBBY	3'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
4-103D	LOBBY	3'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
4-103E	LOBBY	8'-0"	3'-6"	RD2	HM	HM7	.	50	OVERHEAD COILING DOOR
6-100B	PUMP ROOM	8'-0"	10'-0"	RD1	HM	HM6	.	50	CONT. WEATHERSTRIPPING / OVERHEAD COILING DOOR
6-100C	PUMP ROOM	8'-0"	10'-0"	RD1	HM	HM6	.	50	CONT. WEATHERSTRIPPING / OVERHEAD COILING DOOR
6-100D	PUMP ROOM	8'-0"	10'-0"	RD1	HM	HM6	.	50	CONT. WEATHERSTRIPPING / OVERHEAD COILING DOOR
6-100E	PUMP ROOM	8'-0"	10'-0"	RD1	HM	HM6	.	50	CONT. WEATHERSTRIPPING / OVERHEAD COILING DOOR

DOOR SCHEDULE - EXTERIOR GATES

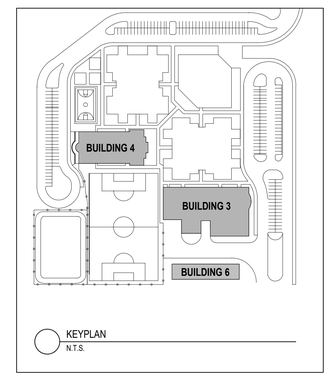
MARK	LOCATION	DOOR WIDTH(s)	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	RATING (MINS)	HARDWARE SET	REMARKS
G-2			6'-0"		AL	AL	.	51	
G-3			6'-0"		AL	AL	.	51	

DOOR AND FRAME NOTES

1. OPENING FORCE OF INTERIOR NON-RATED DOORS SHALL BE NO GREATER THAN 5 LBS.
2. OPENING FORCE OF FIRE RATED DOORS SHALL BE NO GREATER THAN 8 LBS.
3. ALL EXTERIOR GLAZING IN NON-RATED WALL AND DOOR ASSEMBLIES SHALL BE MINIMUM 1" INSULATED GLAZING. REFER TO SPECIFICATIONS FOR GLAZING TYPES.
4. PAINT ALL EXPOSED STEEL (COLOR AS SELECTED BY ARCHITECT).
5. PROVIDE COMPATIBLE FLASHING MATERIALS BETWEEN DISSIMILAR MATERIALS SUCH AS STEEL TO ALUMINUM.
6. SHIM ASSEMBLIES AS REQUIRED FOR PLUMB AND LEVEL. PROVIDE SEALANT AND BACKER RODS AT ALL JOINTS BETWEEN WINDOW SYSTEMS, DOOR FRAMES AND OTHER SURROUNDING CONSTRUCTION.
7. ALUMINUM WINDOW AND ENTRANCE FRAMES SHALL NOT BE INSTALLED IN DIRECT CONTACT WITH DISSIMILAR BUILDING MATERIALS.
8. THE MINIMUM LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PULL SIDE SHALL BE 1'-6" MINIMUM.
9. THE MINIMUM LATCH SIDE CLEARANCE BETWEEN THE EDGE OF DOOR AND ADJACENT WALL OR OBSTRUCTIONS ON PUSH SIDE SHALL BE 1'-0" MINIMUM.
10. DO NOT APPLY WALL BASE TO HOLLOW METAL OR ALUMINUM FRAMES, UNLESS OTHERWISE NOTED.
11. THE CONTRACTOR SHALL COORDINATE FOR INSTALLATION OF POWER, CONDUIT AND/OR WIRING, ETC. AT OPENINGS SCHEDULED TO RECEIVE DEVICES SUCH AS DOOR CONTACTS, CARD READERS, ELECTRIC LOCKS AND AUTOMATIC DOOR OPENERS.
12. ALL STUD FRAMED WALLS SHALL HAVE FULLY WRAPPED FRAMES
13. ALL CMU WALLS OF 12" NOMINAL THICKNESS OR LESS SHALL HAVE MASONRY ANCHOR FRAMES.
14. ALL CMU WALLS OF NOMINAL THICKNESS GREATER THAN 12" SHALL HAVE FRAMES WITH 8-3/4" THROAT DIMENSION AND BE LOCATED ON THE CORRIDOR OR SECURE SIDE OF THE OPENING. PROVIDE BULLNOSE CMU ON THE OPPOSITE SIDE.
15. FRAME CONDITIONS AT EXTERIOR OPENINGS MAY VARY. REFER TO SECTION DETAILS FOR MORE SPECIFIC INFORMATION.

ABBREVIATIONS:

HM - HOLLOW METAL
WD - WOOD
AL - ALUMINUM
FRP - FIBER REINFORCED POLYMER



KEYPLAN
N.T.S.

CODE REVIEW:

CERTIFICATE:

SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN D. SIEGEL	AR99546
JOHN F. WYKOFF	AR101341
STEVE LEONE	AR99370

SEAL:

CONSULTANTS:

DESIGN DEVELOPMENT
5/29/2026

PROJECT:

ST. LUCIE GREEN ZONE K-8 SCHOOL

SOUTH 13TH STREET, FORT PIERCE, FL 34950

FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE
1		

FOR BID: 08/26/2026

DRAWING TITLE:

DOOR AND FRAME SCHEDULE - AUDETERIA AND GYMNASIUM - BUILDING 3 AND 4

COMMISSION NUMBER:

26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

A10.3

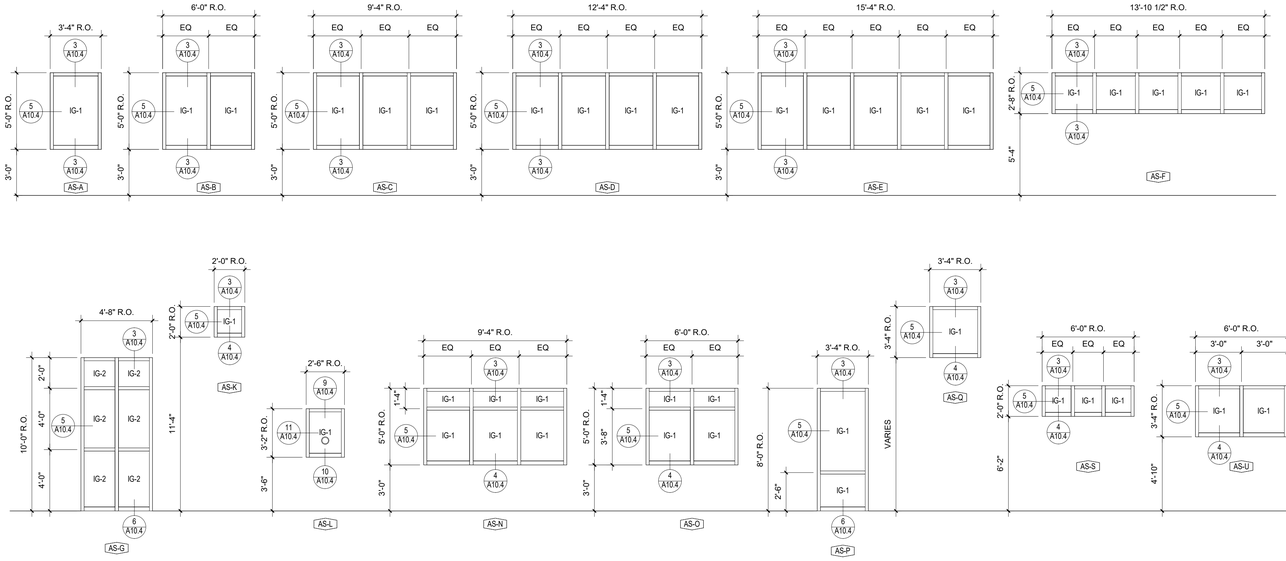
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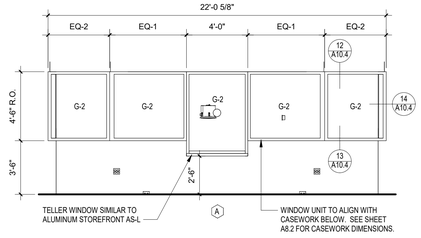
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GLAZING SCHEDULE

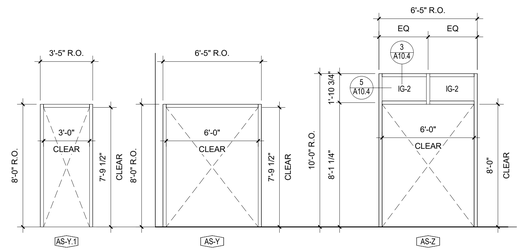
MARK	DESCRIPTION
IG-1	INSULATING LAMINATE VISION GLASS
IG-2	INSULATING SAFETY GLAZING
G-1	CLEAR FULLY TEMPERED VISION GLAZING
G-2	SECURITY GLAZING: LAMINATED GLASS, 3-PLY



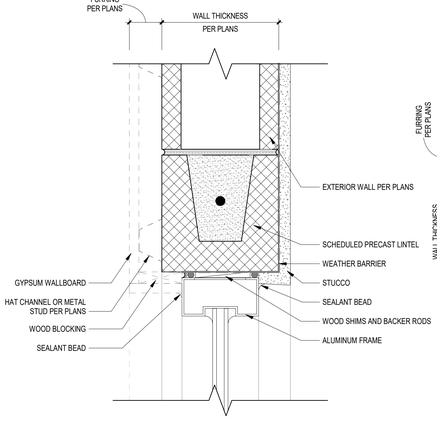
1 STOREFRONT WINDOW TYPES
1/4" = 1'-0"



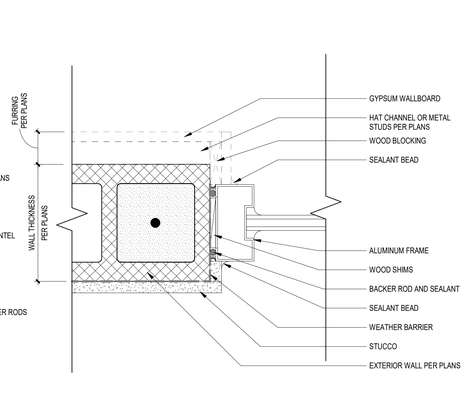
7 INTERIOR STOREFRONT WINDOW TYPE
1/4" = 1'-0"



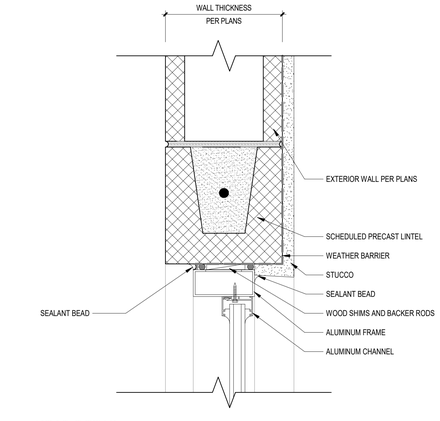
2 STOREFRONT DOOR TYPES
1/4" = 1'-0"



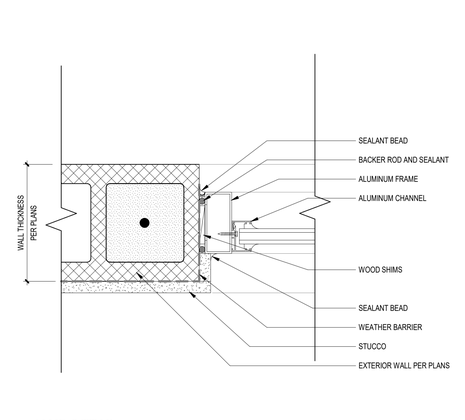
3 HEAD DETAIL
3" = 1'-0"



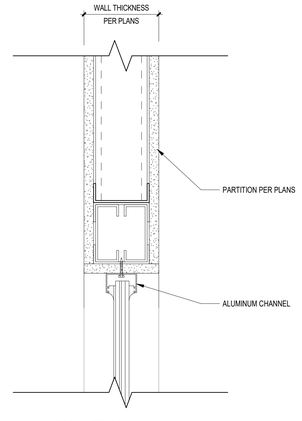
5 JAMB DETAIL
3" = 1'-0"



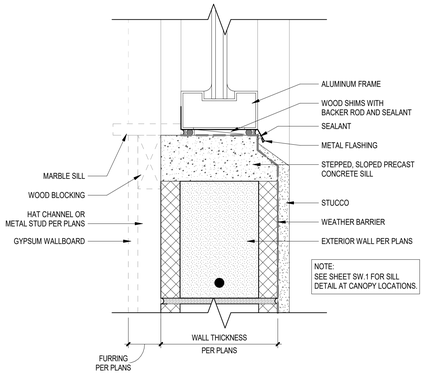
9 HEAD DETAIL
3" = 1'-0"



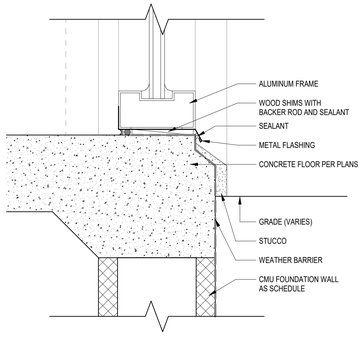
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3" = 1'-0"



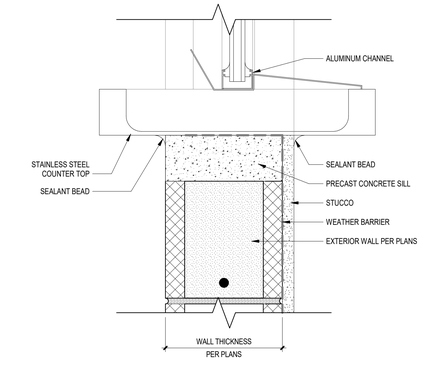
12 HEAD DETAIL
3" = 1'-0"



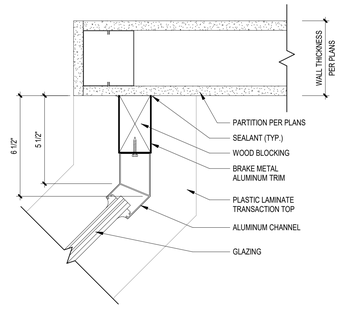
4 SILL DETAIL
3" = 1'-0"



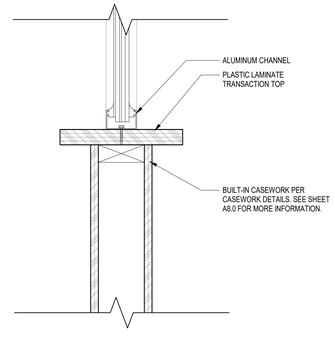
6 SILL DETAIL
3" = 1'-0"



10 SILL DETAIL
3" = 1'-0"



14 JAMB DETAIL
3" = 1'-0"



13 SILL DETAIL
3" = 1'-0"

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SPIEZLE ARCHITECTURAL GROUP INC.
80 ROYAL PALM POINT
SUITE 404
VERO BEACH, FL 32960
PHONE: 866.974.7666

SIGNATURE:

ANTHONY DONADIO	AR0013456
STEVEN G. SIEGEL	AR99546
JOHN F. WYRGHT	AR101341
STEVE LEONE	AR98370

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CONSULTANTS:

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FOR

ST. LUCIE SCHOOL DISTRICT

9461 BRANDYWINE LANE, PORT ST. LUCIE, FL 34986

FOR CODE REVIEW: 08/26/2026

REVISIONS:

	REVISION NAME	DATE

FOR BID: 08/26/2026

DRAWING TITLE:

CURTAIN WALL AND STOREFRONT ELEVATIONS

COMMISSION NUMBER:
26K014

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:
A10.4

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