ADDENDUM NO. 1

CLASSROOM BUILDING ADDITIONS WILDLIGHT ELEMENTARY SCHOOL 550 CURIOSITY AVENUE YULEE, FLORIDA 32097 NCSD PROJECT NO. 98950-24200 RDSA PROJECT NO. D-19-14

JUNE 15, 2020

THIS ADDENDUM IS FOR THE INFORMATION OF BIDDERS ON THE PROJECT INDICATED ABOVE AND SHALL BE PART OF THE CONTRACT DOCUMENTS. THE FOLLOWING CHANGES ARE HEREBY MADE TO THE PROJECT MANUAL, DRAWINGS AND OTHER PROJECT DOCUMENTS WHICH BEAR THE TITLE ABOVE.

CHANGES TO THE PROJECT MANUAL ARE ISSUED AS REPLACEMENT SPECIFICATION SECTIONS WITH REVISIONS IN BOLD AND DELETIONS (IF ANY) AS STRIKETHROUGH TEXT. CHANGES TO DRAWINGS ARE ISSUED AS REVISED FULL SHEETS WITH REVISIONS CLOUDED AND NOTED UNLESS OTHERWISE INDICATED. DESCRIPTIVE SUMMARIES OF REVISIONS WHEN PROVIDED HEREIN ARE FOR THE CONVENIENCE OF THE BIDDER AND ARE NOT A PART OF THE CONTRACT DOCUMENTS.

PART I: CHANGES TO PROJECT MANUAL

ITEM NO. 1:SECTION 000002 TABLE OF CONTENTSA. Remove Section 000002 and replace with revised Section 000002 Table of Contents attached.

ITEM NO. 2: SECTION 019113 GENERAL COMMISSIONINIG REQUIREMENTS

A. Insert new Section 019113 General Commissioning Requirements attached.

ITEM NO. 3: SECTION 333216 GRINDER PUMPS

A. Remove Section 333216 and replace with revised Section 333216 Grinder Pumps attached.

PART II: CHANGES TO DRAWINGS

GENERAL

- ITEM NO. 1: G000 COVER SHEET
 - A. Remove existing drawing sheet and replace with attached revised drawing sheet.
 - B. Revised "Applicable Codes".



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ITEM NO. 2: G001 – GENERAL INFORMATION & ABBREVIATIONS

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised "Drawing Index" to reflect drawing sheets revised and issued as part of this Addendum.

ITEM NO. 3: G010 – CODE SUMMARY

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised applicable codes, occupant loads, plumbing fixture calculation and added flood zone statement.

ITEM NO. 4: <u>G101 – LIFE SAFETY PLAN – BUILDING 7</u>

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised floor plan to indicate dedicated custodial space.

ITEM NO. 5: G102 – LIFE SAFETY PLAN – BUILDING 8

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised floor plan to indicate dedicated custodial space and added maximum travel distance to restroom.

ARCHITECTURAL

ITEM NO. 1: A000 – ARCHITECTURAL SITE PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Added note regarding maximum travel distance to restrooms.

ITEM NO. 2: A101 – FLOOR PLAN – BUILDING 7

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised floor plan to indicate dedicated custodial space.
- C. New non-load bearing masonry walls shall be supported by thickened slab foundations per Note 5/S103.

ITEM NO. 3: A102 – FLOOR PLAN – BUILDING 8

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised floor plan to indicate dedicated custodial space and repositioned door to Restroom 08-01C.
- C. New non-load bearing masonry walls shall be supported by thickened slab foundations per Note 5/S104.

ITEM NO. 4: A110 – EQUIPMENT PLATFORM PLAN – BUILDING 7 & BUILDING 8

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised equipment platform plans to indicate walls at dedicated custodial spaces extending to roof deck.
- C. Revised equipment platform plans to indicate smoke partition for dedicated custodial space at platform.

ITEM NO. 5: A201 – ENLARGED RESTROOM PLANS

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised position of door to Restroom 08-01C.

ITEM NO. 6: A202 – STAIR PLANS AND SECTION

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Deleted indications of floor sink and water heater from area below stairs. Items have been relocated.



ITEM NO. 7: A301 – EQUIPMENT PLAN – BUILDING 7

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised equipment plan to indicate dedicated custodial space.

ITEM NO. 8: A302 – EQUIPMENT PLAN – BUILDING 8

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised equipment plan to indicate dedicated custodial space and repositioned door to Restroom 08-01C.

ITEM NO. 9: A311 – FINISH SCHEDULE – BUILDING 7

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised "Finish Schedule" to indicate addition of dedicated custodial space and renaming of former space.

ITEM NO. 10: A312 – FINISH SCHEDULE – BUILDING 8

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised "Finish Schedule" to indicate addition of dedicated custodial space and renaming of former space.

ITEM NO. 11: A321 – DOOR SCHEDULE

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised "Door Schedule" to indicate addition of one door for each Systems Room.
- C. Revised "Door Schedule" to indicate correct door hardware set for Door 815.

ITEM NO. 12: A401 – REFLECTED CEILING PLAN – BUILDING 7

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised ceiling plan to indicate dedicated custodial space.
- C. Revised "Room Keys" to indicate addition of dedicated custodial space and renaming of former space.

ITEM NO. 13: A402 - REFLECTED CEILING PLAN - BUILDING 8

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised ceiling plan to indicate dedicated custodial space and repositioned door to Restroom 08-01C.
- C. Revised "Room Key" to indicate addition of dedicated custodial space and renaming of former space.

ITEM NO. 14: A520 – INTERIOR DETAILS

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Added detail for chase required for relocated floor sink in Building No. 7.

ITEM NO. 15: A701 – BUILDING SECTIONS – BUILDING 7

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised section to indicate walls to deck and smoke partition for dedicated custodial space.
- C. Note the walls to deck and smoke partition for dedicated custodial do not show in section for Building 8 given the orientation of the section view. The walls do have a similar configuration to Building 7.

ITEM NO. 16: A900 – INTERIOR SIGNAGE

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised Evacuation Plan signage detail for consistency with existing signage.



STRUCTURAL

ITEM NO. 1: S001 – GENERAL NOTES

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised code references and revised water cement ratios.

MECHANICAL

ITEM NO. 1: M-1 – BUILDING 7 FLOOR PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised mechanical to accommodate dedicated custodial space.

ITEM NO. 2: M-2 – BUILDING 8 FLOOR PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised mechanical to accommodate dedicated custodial space.

ITEM NO. 3: M-8 – MECHANICAL CONTROLS

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Added exhaust fan controls information.

ITEM NO. 4: M-11 – MECHANICAL SCHEDULES

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised mechanical information for exhaust fans and added notes regarding chiller.

PLUMBING

ITEM NO. 1: P-1 – BUILDING 7 WASTE PIPING PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised plumbing to accommodate dedicated custodial space.

ITEM NO. 2: P-2 – BUILDING 7 WATER PIPING PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised plumbing to accommodate dedicated custodial space.

ITEM NO. 3: P-3 – BUILDING 8 & 20 WASTE PIPING PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised plumbing to accommodate dedicated custodial space and sink in Primary Skills Development Lab 08-09.

ITEM NO. 4: P-4 – BUILDING 8 & 20 WATER PIPING PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised plumbing to accommodate dedicated custodial space and sink in Primary Skills Development Lab 08-09.



ITEM NO. 5: P-5 – PLUMBING RISER DIAGRAMS

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised plumbing risers to accommodate piping revisions indicated on plumbing plan sheets.

ELECTRICAL

ITEM NO. 1: E-1 – ELECTRICAL LEGEND AND NOTES

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised code references.

ITEM NO. 2: E-3 – BUILDING 7 POWER PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised electrical to accommodate dedicated custodial space.

ITEM NO. 3: E-4 – BUILDING 8 POWER PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised electrical to accommodate dedicated custodial space.

ITEM NO. 4: E-5 – BUILDING 7 HVAC POWER PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised electrical to accommodate dedicated custodial space.

ITEM NO. 5: E-6 – BUILDING 8 HVAC POWER PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised electrical to accommodate dedicated custodial space.

ITEM NO. 6: E-8 – BUILDING 20 POWER AND LIGHTING PLANS

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised panel designation in note pertaining to unit substation.

ITEM NO. 7: E-9 – BUILDING 7 LIGHTING PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised lighting to accommodate dedicated custodial space.

ITEM NO. 8: E-10 – BUILDING 8 LIGHTING PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised lighting to accommodate dedicated custodial space.

ITEM NO. 9: E-11 – BUILDING 7 FIRE ALARM & INTERCOM PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised electrical systems to accommodate dedicated custodial space.

ITEM NO. 10: E-12 – BUILDING 8 FIRE ALARM & INTERCOM PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised electrical systems to accommodate dedicated custodial space.



ITEM NO. 11: E-13 – BUILDING 7 INFORMATION TECHNOLOGY PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised electrical systems to accommodate dedicated custodial space.

ITEM NO. 12: E-14 – BUILDING 8 INFORMATION TECHNOLOGY PLAN

- A. Remove existing drawing sheet and replace with attached revised drawing sheet.
- B. Revised electrical systems to accommodate dedicated custodial space.

PART III: ATTACHMENTS:

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•	000002	2 - Table of Contents	Addendum No. 1 June 15, 2020				
•	019113	3 - General Commissioning Requirements	Addendum No. 1	June 15, 2020			
•	333216	6 - Grinder Pumps	Addendum No. 1	June 15, 2020			
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•	G001	General Information & Abbreviations	Revision 1	June 15, 2020			
•	G010	Code Summary	Revision 1	June 15, 2020			
•	G101	Life Safety Plan – Building 7	Revision 1	June 15, 2020			
•	G102	Life Safety Plan – Building 8	Revision 1	June 15, 2020			
•	A000	Architectural Site Plan	Revision 1	June 15, 2020			
•	A101	Floor Plan – Building 7	Revision 1	June 15, 2020			
•	A102	Floor Plan – Building 8	Revision 1	June 15, 2020			
•	A110	Equipment Platform Plan – Building 7 & Building 8	Revision 1	June 15, 2020			
•	A201	Enlarged Restroom Plans	Revision 1	June 15, 2020			
•	A202	Stair Plans and Sections	Revision 1	June 15, 2020			
•	A301	Equipment Plan – Building 7	Revision 1	June 15, 2020			
•	A302	Equipment Plan – Building 8	Revision 1	June 15, 2020			
•	A311	Finish Schedule – Building 7	Revision 1	June 15, 2020			
•	A312	Finish Schedule – Building 8 & 20	Revision 1	June 15, 2020			
•	A321	Door Schedule	Revision 1	June 15, 2020			
•	A401	Reflected Ceiling Plan – Building 7	Revision 1	June 15, 2020			
•	A402	Reflected Ceiling Plan – Building 8	Revision 1	June 15, 2020			
•	A520	Interior Details	Revision 1	June 15, 2020			
•	A701	Building Sections – Building 7	Revision 1	June 15, 2020			
•	A900	Interior Signage	Revision 1	June 15, 2020			
•	S001	General Notes	Revision 1	June 15, 2020			
•	M-1	Building 7 Floor Plan	Revision 1	June 15, 2020			
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•	P-1	Building 7 Waste Piping Plan	Revision 1	June 15, 2020			
•	P-2	Building 7 Water Piping Plan	Revision 1	June 15, 2020			
	P-3	Building 8 & 20 Waste Piping Plan	Revision 1	June 15, 2020			



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- 004001 Subcontractor List
- 004320 Florida Trench Safety Act
- 004322 Unit Price Sheet
- 004650 Public Entity Crimes Statement
- 006100 Payment Bonds
- 006200 Performance Bonds
- 006201 Bonds and Certificates
- 007000 AIA A101 2017 Standard Form of Agreement Between Owner and Contractor
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END OF SECTION 000002

SECTION 019113 – GENERAL COMMISSIONING REQUIREMENTS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Commissioning description and responsibilities.

1.2 COMMISSIONING DESCRIPTION

- A. Commissioning: Systematic process of ensuring systems perform interactively according to design intent and Owner's operational needs. Commissioning process encompasses and coordinates system documentation, equipment startup, control system calibration, testing and balancing, performance testing and training, and verification of actual performance.
- B. Commissioning Intent:
 - 1. Verify equipment and systems are installed according to manufacturer's instructions, industry accepted minimum standards, and Contract Documents.
 - 2. Verify equipment and systems receive adequate operational checkout by Contractor.
 - 3. Verify and document proper performance of equipment and systems.
 - 4. Verify complete operation and maintenance documentation is delivered to Owner.
 - 5. Verify Owner's operating and maintenance personnel are adequately trained.
- C. Commissioning to include the following systems installed as part of the Work:
 - 1. HVAC systems and controls.
 - 2. Domestic hot water systems.
 - 3. Lighting control systems.
- D. Commissioning does not relieve Contractor of responsibility to provide finished and fully functioning Project.
- E. Commissioning Process Overview and General Order of Commissioning Tasks:
 - 1. Conduct initial and progress commissioning meetings throughout construction to plan, scope, coordinate, and schedule future activities and to resolve problems.
 - 2. Equipment documentation is submitted to Commissioning Authority during normal submittals with detailed startup procedures.
 - 3. Commissioning Authority works with Contractor and equipment and system installers to develop startup plans and startup documentation formats, including verification checklists to be completed by installers, during verification check and startup process.
 - 4. Equipment and system installers execute and document verification checklists and perform verification check and startup. Commissioning Authority verifies that checklists and startup were completed according to approved plans.

- 5. Commissioning Authority develops specific equipment and system functional performance test procedures. Equipment and system installers and Contractor review procedures.
- 6. Equipment and system installers execute procedures under direction of and documentation by Commissioning Authority.
- 7. Items of noncompliance in material, installation, or setup are corrected at Contractor's expense, and system is retested.
- 8. Commissioning Authority reviews operation and maintenance documentation for completeness.
- 9. Commissioning is completed before Substantial Completion.
- 10. Commissioning Authority reviews, approves, and coordinates training provided by equipment and system installers and verifies training was completed.
- 11. Deferred testing is conducted as specified.

1.3 SUBMITTALS

A. Section 013300 - Submittals contains requirements for submittals.

1.4 COMMISSIONING SUBMITTALS

- A. Architect shall coordinate transmittal of submittals to Commissioning Authority.
- B. Commissioning Authority will review and approve submittals for conformance to Contract Documents as related to commissioning process, for primary purpose of aiding development of functional testing procedures and secondary purpose of verifying compliance with equipment Specifications.

1.5 CLOSEOUT SUBMITTALS

- A. Section 017000 Project Closeout contains requirements for closeout submittals.
- B. Operation and Maintenance Data: Submit operation and maintenance manuals as specified in individual equipment and system Specifications.
- C. Final Commissioning Report: Commissioning Authority will submit electronic copy of final commissioning report to Owner with copy provided to Architect/Engineer and copy provided to Contractor, for inclusion in operation and maintenance manuals, including, but not limited to, the following:
 - 1. Executive summary with list and roles of participants, brief Project description, overview of commissioning and testing scope, and general description of testing and verification methods.
 - 2. Statement for each piece of commissioned equipment regarding compliance with Contract Documents.
 - 3. Recommendations for improvement to equipment or operations, future actions, and commissioning process changes.
 - 4. List of outstanding deficiencies referenced to specific functional test, inspection, trend log, or other record where deficiency is documented.
 - 5. Brief description of verification method used as well as observations and conclusions from testing for each commissioned piece of equipment and system.

1.6 COMMISSIONING SERVICES

- A. Owner has employed and will pay for specified services of the independent firm indicated herein as Commissioning Authority.
- B. Simes & Rosch Engineering, Scott E. Rosch, PE, Commissioning Agent (ACG License Number 1010-73).

1.7 COMMISSIONING RESPONSIBILITIES

- A. General responsibilities of Architect/Engineer, Commissioning Authority, Owner and Contractor are indicated herein. This division of responsibilities will typically support a commissioning process such as is intended for this project. Additional effort may be required and/or additional responsibilities accrued by any of the parties depending upon the preparations for and/or outcomes of commissioning activities.
- B. Architect/Engineer Responsibilities:
 - 1. Perform site observation of installation of each system as Architect/Engineer deems necessary.
 - 2. Furnish design narratives and sequence documentation requested by Commissioning Authority.
 - 3. Coordinate resolution of design issues affecting system performance identified during commissioning.
 - 4. Coordinate resolution of system deficiencies identified during commissioning, according to Contract Documents.
 - 5. Review and approve construction submittals, test, adjust and balance reports and operation and maintenance manuals.
- C. Commissioning Authority Responsibilities:
 - 1. Basic Responsibilities:
 - a. Coordinate, direct, and approve commissioning Work.
 - b. Develop and coordinate execution of commissioning plan. Revise as necessary.
 - c. Schedule commissioning Work with Contractor.
 - d. Plan and conduct commissioning meetings.
 - e. Request and review commissioning submittals required to perform commissioning tasks.
 - f. Write and distribute verification tests and checklists.
 - g. Develop verification check and startup plan in cooperation with Architect/Engineer.
 - h. Write functional performance test procedures in cooperation with Architect/Engineer.
 - i. Review test and balance execution plan.
 - j. Attend selected Project progress and pre-installation meetings. Review meeting minutes. Resolve potential conflicts with commissioning activities.
 - k. Observe equipment and system installations.
 - I. Document that equipment and systems are installed and perform according to design intent and Contract Documents.
 - m. Notify Architect/Engineer and Owner of deficiencies.
 - n. Oversee and approve content and adequacy of Owner's personnel training.
 - o. Review and approve operation and maintenance manuals.
 - p. Compile commissioning record and testing data manual.
 - q. Provide final commissioning report.

- 2. Commissioning Authority may not:
 - a. Release, revoke, alter, or enlarge on requirements of Contract Documents.
 - b. Approve or accept any portion of the Work.
 - c. Assume duties of Contractor or Architect/Engineer.
 - d. Stop the Work.
- D. Owner Responsibilities:
 - 1. Arrange for Owner's personnel to attend commissioning activities and training sessions according to commissioning plan.
 - 2. Approve commissioning Work completion.
- E. Contractor Responsibilities:
 - 1. Inform any subcontractors responsible for mechanical, electrical, plumbing, controls and test, adjust and balance of the requirements of this section.
 - 2. Include requirements for commissioning submittal data, operation and maintenance data, commissioning tasks and training in each purchase order and subcontract for equipment and systems indicated to be commissioned.
 - 3. Facilitate coordination of commissioning Work by Commissioning Authority.
 - 4. Attend commissioning meetings.
 - 5. Cooperate with Commissioning Authority, and provide access to the Work.
 - 6. Require equipment and system installers to execute test to review and provide comments on functional test procedures.
 - 7. Require manufacturers to review commissioning test procedures for equipment installed by manufacturer.
 - 8. Furnish proprietary test equipment required by manufacturers to complete equipment and system tests as well as standard test, adjust and balance instruments during commissioning activities.
 - 9. Furnish qualified personnel to assist in completing commissioning.
 - 10. Furnish manufacturer's qualified field representatives to assist in completing commissioning.
 - 11. Ensure equipment and system installers execute commissioning responsibilities according to Contract Documents and Progress Schedule.
 - 12. Coordinate and perform Owner's personnel training.
 - 13. Prepare operation and maintenance manuals. Update original sequences of operation reflecting actual installation.
 - 14. Ensure equipment and system installers correct deficiencies and make necessary adjustments to resolve issues identified during commissioning activities.
 - 15. Provide all personnel access equipment for the execution of functional testing.

1.8 SCHEDULING

- A. Schedule Work to allow adequate time for commissioning activities.
- B. Identify commissioning milestones, activities, and durations on Progress Schedule.

PART 2 - PRODUCTS

- 2.1 TEST EQUIPMENT
 - A. Equipment Furnished by Contractor and Remaining Property of Contractor:
 - 1. Standard testing equipment required to perform verification check and startup and required functional performance testing.
 - 2. Two-way radios for personnel performing commissioning.
 - 3. Portable laptop with fully loaded controls package for execution of functional testing when local workstation with PC interface is not being provided as part of the Work.
 - 4. BAS trend logging equipment and software.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Section 013000 Administrative Requirements contains requirements for verification of existing conditions before starting Work.
- B. Verify equipment and systems are installed according to individual Specification Sections.
- C. Verify utility and power connections are complete and services operational.

3.2 VERIFICATION CHECK AND STARTUP PROCEDURES

- A. Notify Commissioning Authority and schedule verification check and startup activities with each party required to complete verification check and startup a minimum of two (2) weeks in advance.
- B. Allow Commissioning Authority to witness verification check and startup.
- C. Deficiencies and Approvals:
 - 1. Commissioning Authority will review verification check and startup reports and issue deficiency report or approval.
 - 2. Correct deficiencies and resubmit updated verification check and startup report with statement indicating corrections made for Commissioning Authority approval.
 - 3. Repeat process until verification check and startup report are approved.
 - 4. Costs for incomplete verification check and startup items that later cause deficiencies or delays during functional tests will be charged to party responsible for incomplete item.

3.3 DEFICIENCIES AND TEST APPROVALS

- A. Deficiencies:
 - 1. Commissioning Authority will record and report deficiencies to Architect/Engineer and Owner.

- 2. Minor deficiencies may be corrected during tests at Commissioning Authority's discretion. Deficiency and resolution will be documented on procedure form.
- 3. Failure to attend scheduled verification check, startup, or functional performance test will be considered deficiency.
- 4. When deficiency is identified, Commissioning Authority will discuss issue with party executing test.
- B. Retesting Costs:
 - 1. When verification check and startup or functional performance test deficiency is discovered requiring rescheduling or retesting beyond one (1) additional reschedule or retest of any single item:
 - a. Owner will compensate Commissioning Authority and/or Architect/Engineer for attending and directing additional testing.
 - b. Owner will deduct additional testing compensation from final payment due to Contractor.
- C. Provide written report to Commissioning Authority before each scheduled commissioning meeting concerning status of each deficiency. Include explanations of disagreements with resolution proposals for each discrepancy.
- D. Test Approval: Commissioning Authority will document each satisfactorily demonstrated function on functional performance test form.

3.4 DEMONSTRATION

- A. Section 017000 Execution and Closeout Requirements contains requirements for demonstration and training.
- B. Demonstrate equipment and systems and train Owner's personnel as specified in individual equipment and system Specifications.
 - 1. Commissioning Authority will interview Owner's personnel to determine special needs and areas where training will be most valuable.
 - 2. Owner and Commissioning Authority will determine type and extent of training for each commissioned piece of equipment and system.
 - 3. Commissioning Authority will communicate training requirements to Contractor for benefit of equipment and system installers and manufacturers with training responsibilities.
- C. Commissioning Authority will review the training syllabus and attendance sheet for training sessions provided by the Contractor for completeness.

END OF SECTION 019100

SECTION 333216 - GRINDER PUMPS

PART 1 - GENERAL

- 1.1 DESCRIPTION: The Contractor shall furnish and install a Grinder Pump Station consisting of, but not limited to: (a) grinder pump suitably mounted in a polyethylene or fiberglass wetwell; (b) pump removal system; (c) shut-off valve; (d) check valve; (f) grinder pump station control panel; and (g) all necessary internal wiring and controls. The Contractor shall also provide all necessary coordination, material, and labor to provide a complete and operable system.
- 1.2 GENERAL REQUIREMENTS:
 - A. Applicable Codes, Standards, and Specifications: The Work shall be in strict accordance with the following codes and standards:
 - 1. FDEP Requirements.
 - 2. American Society for Testing and Materials (ASTM).
 - 3. National Electrical Code.
 - 4. Occupational Safety and Health Standards (OSHA).
 - 5. Florida Building Code.
 - B. Assemblies or Units:
 - 1. The Contractor shall furnish all component parts as required by the manufacturer of the assembly or unit. Where duplicate or similar units are required, unless approved otherwise by the Engineer, only units furnished by the same manufacturer shall be furnished and installed.
 - 2. Unless otherwise indicated in writing by the Engineer, the materials to be furnished shall be new, standard products of manufacturers regularly engaged in the production of such equipment and shall be the manufacturer's latest standard design.
- 1.3 MANUFACTURER: The equipment specified shall be a product of a company experienced in the design and manufacture of grinder pumps for specific use in low pressure sewage systems. The company shall submit detailed installation and user instructions for its product; submit evidence of an established service program including complete parts and service manuals, and be responsible for maintaining a continuing inventory of grinder pump replacement parts. The equipment shall be a product of a manufacturer having a minimum of 5 years of experience of the specified grinder systems and shall have a minimum of 1,000 grinder pump stations currently in operation.

Acceptable manufacturer for the Centrifugal Grinder Pump is E-One or approved equal. Basis of design is DH151.

<u>Acceptable manufacturer for the Semi-Positive Displacement Grinder Pump</u> is E-One or approved equal. Basis of Design is DH151. Centrifugal pumps will be considered provided they can meet the design criteria. Acceptable Manufacturer shall be Hydromatic Pumps or equal.

Pre-bid review of acceptable products is not required. Evaluation shall occur in Shop Drawing review.

1.4 OPERATING CONDITIONS:

- A. Semi-positive displacement pumps shall be capable of delivering a minimum of 14 gpm against a rated total dynamic head of 0 feet (0 psig) and a minimum of 8 gpm against a rated dynamic head of 80feet (33 psig).
- B. Centrifugal pumps shall be capable of delivering 20 gpm at 12' TDH. Acceptable pump shall have a 1 HP maximum size motor (240V, 1 phase).
- C. Under no conditions shall in-line piping or valving be allowed to create a false apparent head.
- 1.5 WARRANTY: The grinder pump manufacturer shall provide a part(s) and labor warranty on the complete station and accessories for a period of twenty-four (24) months after notice of Owner's acceptance. Any defects found during the warranty period will be reported to the manufacturer by the Owner.
- 1.6 SHOP DRAWINGS: Submit copies of shop drawings and product data for equipment furnished under this section. Submittals shall include the following minimum items:
 - A. Name of manufacturer, type, and model of grinder pump station.
 - B. Shop Drawings showing all important details of equipment to be furnished, including dimensional data and materials of construction.
 - C. Descriptive literature, bulletins, and/or catalogs of the equipment.
 - D. Guaranteed pump performance curves which show that the pump meets the specified requirements for head, capacity, and horsepower. Curves shall be submitted on 8½ -inch by 11-inch sheets, at as large a scale as is practical. Curves shall be plotted from low flow at shut-off head to pump capacity at zero head.
 - E. A complete total bill of materials of all equipment.
 - F. Complete motor data.
 - G. Complete Grinder Pump Station Control Panel power and control wiring diagrams with product data for each component.
 - H. A copy of the 2-year warranty.
 - I. Manufacturer's Installation Instruction Manual.
- 1.7 PERMITTING: The Contractor shall apply for and pay all application fees for any permits.
- 1.8 UNITARY RESPONSIBILITY: In order to unify responsibility for proper operation and services of the grinder pump stations, it is the intent of these Specifications that all system components (pumps, panels, controls, wetwell, unit piping, etc.) shall be furnished by a single supplier.

PART 2 - PRODUCTS

- 2.1 PUMPS:
 - A. Pump shall include the following features:
 - 1. Two Barrier Seal: One epoxy barrier and one compression fitting for maximum protection against wicking and water seepage into the motor housing.
 - 2. Bearings: The heavy-duty ball bearings, upper (radial) and lower (thrust), are continuously lubricated by oil to ensure long service life.
 - 3. Motor: Electrical design combines the advantages of high torque output with optimum running efficiency engineered specifically for grinder operation.
 - 4. Stator Bolts: The stator is secured to the motor housing by means of stator bolts which ensure ease of maintenance if the need ever arises.
 - 5. Shaft: Standard stainless steel shaft in grinder pump.
 - 6. Dual Seals: Dual seals for maximum moisture protection.
 - 7. Moisture Probe: Moisture detection probe.
 - 8. Cutters: Exclusive "Dual Cutter" design cuts solids to smallest particle size thereby greatly reducing clogging, roping, or binding.
 - 9. Impeller: Engineered nonmetallic semi-open impeller molded to a bronze insert for greatest torque driving capabilities. Impeller made of high strength Valox® which provides highest level of corrosion resistance and maximum toughness from impact for a wide variety of slurry pumpage. Pump-out vanes preclude material buildup around shaft and seal.
 - B. The pump shall be capable of reducing/macerating all components in normal domestic and commercial sewage, including a reasonable amount of "foreign objects," such as paper, wood, plastic, glass, rubber, sanitary napkins, disposable diapers, and the like, to finely-divided particles which will pass freely through the passages of the pump and the discharge piping.
- 2.3 ELECTRIC MOTOR: The motor shall be a UL listed 1 HP (max), 240 volt, 60 hertz, 1 phase, oil-cooled, induction start, Type B NEMA design, Class F insulation, ball bearing, squirrel cage induction type with a low starting current not to exceed 30 amperes. Inherent protection against running overloads or locked rotor conditions for the pump motor shall be provided by the use of an automatic-reset, integral thermal overload protector incorporated into the motor. This motor protector combination shall have been specifically investigated and listed by Underwriters Laboratories, Inc. for the application.

- 2.4 GUIDE RAILS: Guide rails shall be utilized to direct the pump in proper alignment with the stationary discharge piping. Rails shall be a minimum of 2-inch diameter, 316 stainless steel. The pump shall be automatically connected to the discharge connection when lowered into place and shall be easily removed for inspection or service. There shall be no need for personnel to enter wetwell. Sealing of the pumping unit to the discharge connection shall be accomplished by a simple linear downward motion of the pump.
- 2.5 FLOAT MOUNTING BRACKET: A float mounting bracket shall be provided. Float mounting bracket shall provide cord grips to hold the level control cords and allow adjustment of level controls to desired pumping alarm levels. Continuous cords are to run from pump(s) and level controls to control panel. No splices shall be made in wiring. Float mounting bracket shall be fabricated from stainless steel. Float mounting bracket shall attach to access frame with 304 stainless steel fasteners. It shall be oriented so as to avoid flow from incoming pipes impinging on hanging floats to as great an extent possible.
- 2.6 LIFTING CHAIN/CABLE: Each pumping unit shall be provided with a 316 stainless steel lifting chain or cable. The lifting chain or cable shall be of sufficient length to extend from the pumping unit at one end to the top of the wetwell at the other end. The access frame shall provide a hook to attach the lifting chain or cable when not in use. The lifting chain or cable shall be sized according to the pump weight with a minimum safety factor of 7.0.
- 2.7 LIQUID LEVEL CONTROLS: Float switches shall be supplied to control wetwell level and alarm signal. A quantity of three floats shall be provided to control the liquid level in the duplex station. One additional switch shall be provided for a high water level alarm.
 - A. The level control system shall be the mercury switch float type, incorporating weighted floats suspended from a stainless steel float holder in the wetwell. Rising and falling liquid level in the wetwell shall cause switches within the floats to open and close, providing start and stop signals for the level control components.
 - B. The level control system shall start the lead pump when the liquid level in the wetwell rises to the "lead pump on" level. When the liquid is lowered to the "all pumps off" level, the system shall stop the pump. These actions shall constitute one pumping cycle. The alternator shall change lead pumps at the end of each cycle. A third float shall be provided to start the second pump in the event the level in the wetwell rises to the "lag pump on" level, both pumps shall then run until the level is dropped to the "all pumps off" level.
 - C. Four float switch assemblies shall be supplied for installation by the Contractor. Each switch assembly shall contain a mercury-type switch and weight sealed in a polypropylene housing, and not less than 30 feet of cable or as required to reach the control panel without splices.
 - D. The fourth float switch shall be provided to actuate a high level alarm relay. The signal relay shall complete a 115-volt AC circuit for external alarm devices. An electrical or mechanical indicator, visible on the front of the control panel, shall indicate that a high level exists. The signal relay shall maintain an alarm horn and light signal for an adjustable time period up to 24 hours or until the liquid level has been lowered or raised and the circuit has been manually reset, whichever comes first. After the timer has timed out, only the alarm light shall remain on until it has been manually reset.

- E. An alarm silence switch and relay shall be provided to permit maintenance personnel to de-energize the external alarm device while corrective actions are underway. After silencing the alarm device, manual reset of the signal relay shall provide automatic reset of the alarm silence relay.
- F. Float Switches shall be direct acting single pole mercury switch which actuates when the longitudinal axis of the float is horizontal and deactivates when the liquid level falls one inch (1") below the actuation elevation. Entire assembly (cable and float) shall be encapsulated to form a watertight and impact resistant unit. Float switches shall meet the following criteria:
 - 1. Mercury switch rating (non-inductive) shall be ten (10) amps (minimum) at 120 volts, 60 hertz.
 - 2. Float housing construction shall be polypropylene. Cable jacket shall be polyvinyl chloride (PVC).
 - 3. Provide normally open or normally closed contacts as required.
 - 4. Float switches shall be Anchor Scientific, Roto-Float, polypropylene jacketed, internally weighted NO/NC mercury actuated float switches, or approved equal.
- G. Cable shall be polyvinyl chloride (PVC) type. Conductors shall be No. 18 gage (41 strand) rated 600 volts. Cable shall be continuous with no splices from the float switch to the control cabinet.
- 2.8 GRINDER PUMP STATION CONTROL PANEL: Unless noted otherwise, the requirements specified herein apply to all pump stations.
 - A. Each grinder pump station shall include a NEMA 3R, UL listed Alarm/Disconnect Panel suitable for wall or pole mounting. The NEMA 3R enclosure shall be 304SS to assure corrosion resistance. The enclosure shall include a hinged, padlocked cover, secured dead front and component knockouts. The manufacturer shall minimize the enclosure's size. The panels shall be labeled with a serialized UL 508A label. The panel shall include the alarm light and alarm horn. The panel shall be designed and built to provide the necessary components to safely run and control pumps/motors as specified herein.
 - B. Properly sized Square "D", or equivalent, thermal-magnetic, molded case, heavy duty air circuit breakers shall be provided for each of the following: main breaker, pump breakers, and control breaker. Short circuit current rating (SCCR) of the panel shall be as indicated on the Drawings. Main breaker shall be 600 volt with lockable through-the-door operator. All single-phase motor breakers shall be Square "D", or equal, motor circuit protectors with adjustable trip settings. Control, GFI, and single-phase motor breakers shall be 120 volt, mounted on the back panel. The main circuit breaker and emergency circuit breaker shall be interlocked to inhibit the two (2) devices from being closed ("on") at the same time, but allow for both to be simultaneously open ("off").

- C. 600 volt lightning and surge protection shall be provided for incoming power, and 120 volt surge protection shall be provided for control circuits. All surge protection devices shall be designed to react to transients in less than one nanosecond. 120 volt protectors shall include solid state bidirectional componentry. 120 volt surge protectors shall include EMI/RFI filtering to 56 dB, 100 kHz, and 100 MHZ.
- D. A fuse protected, 240 volt/120 volt transformer shall be provided for operation of control circuitry, above single-phase circuitry and all auxiliary equipment.
- E. Circuit breakers shall be provided for: (A) 15 amp, 120 volt, duplex GFCI receptacle mounted on the dead-front inner door; and (B) 10 amp, 12 volt LED site light.
- F. Pumps shall be provided with oil tight LED red "Alarm" lights, amber "Call" lights, green "Run" lights, H.O.A. switches, and elapsed time meters mounted through the panel inner door.
 - a. The panel shall be provided with amber pilot lights to indicate when pumps are called to operate. Lights shall be wired in parallel to the control circuits.
 - b. The panel shall be provided with one green pilot light for each pump motor. The light shall be wired in parallel with the related pump motor to indicate that the motor is, or should be, running.
 - c. Six digit elapsed time meters (non-reset type) shall be connected to each motor drive to indicate the total running time of each pump in "hours" and "tenths of hours".
 - d. Mode selector switches shall be provided to permit manual start and manual stop of each motor individually and to select automatic operation of each motor. Manual operation shall override all shutdown systems with the exception of motor overload relays.
 - e. The panel shall be provided with red pilot lights to indicate individual alarm and fault conditions.
- G. Each pump shall be provided with circuitry to lock out the pump in the event of high pump temperature or seal failure, take the pump out of "Lead Run" sequencing. LED indicator lights shall be provided for each condition, with manual reset required after condition has been corrected.
- H. A duplex, octal pin, plug-in style alternator shall be provided with LED indicator for lead pump selected. An inner-door-mounted selector switch shall be provided to choose lead pump or automatic alternation of lead pump. An adjustable 1 to 24 hour timer shall be provided to switch lead pumps if automatic alternation does not occur within the set time period.
- I. A waterproof, high intensity, Lexan magnifying lens, exterior Red alarm light shall be provided at the top of the panel with continuous flasher circuitry. Design and placement of the light fixture shall allow easy replacement of bulbs without removal of the fixture lens. A weatherproof 95 dBA alarm horn

shall be provided with inner door mounted disable button. Disabled alarm horn shall automatically reset when an alarm clears or if another alarm is activated. Red LED pilot lights with manual push button resets shall be provided on the inner door for each alarm condition described above.

- J. All control panels shall be provided with "As-Built" line drawings laminated to the back of the inner panel door for ease of troubleshooting by service personnel.
- K. All conduits between the wetwell and control panel shall be provided with sealing fittings and filled with sealing cement to prevent the entrance of wetwell gases to the control panel. Each pump motor power cable shall be provided with a separate metal conduit to the control panel.
- L. A thermal heater and thermostat shall be installed to maintain the internal temperature of the enclosure above the dew point. The thermostat shall also activate a ventilation fan to keep the panel below the manufacturer's recommended temperature.
- M. The control panel shall include a 12 VDC, 7.0 AH sealed lead-acid battery with battery charger/power supply, a low battery power relay with reset button and pilot light, strobe light and alarm horn with silence relay and push button. The 12 VDC battery shall be capable of operating for approximately 22 hours when fully charged. This system shall provide audio-visual indication of a high level condition.
- N. The control system shall be designed to operate two pumps based on wetwell level monitored by float type level sensors. The sensors shall provide the following functions: stop all pumps and alternate lead pump, start lead pump, high level alarm, and start lag pump. The sensors shall operate on UL 913 approved intrinsically safe relays.
- O. An open frame, across the line, NEMA rated magnetic, motor starter shall be provided for each motor. Power contacts shall be double-break cadmium oxide silver. All motor starters shall be equipped to provide under voltage release and overload protection. An overload reset button shall be mounted through the dead front door for each motor starter.
- P. All electrical equipment shall be identified in accordance with these specifications. All identification labels, both within the enclosure and external, shall be engraved nameplates attached with stainless steel machine screws, photo etched, silk screened, or laser-screened laminated mylar. All control wiring shall be numbered on each termination. Engraved nameplates attached with stainless steel machine screws, photo etching, silk screened, or laser-screened laminated mylar shall be provided to identify all individually mounted push-buttons, switches, lights, meters, circuit breakers, motor starters, transformers, relays, fuses, phase monitors, and any other equipment for which identification is required for eventual service or replacement. This includes the appropriate equipment within the cabinet. Embossed tape is not acceptable.

- Q. The control panel shall be thoroughly tested at the factory prior to shipment. All components in the panel shall carry, at a minimum, a comprehensive, parts only, three (3) year (36 month) guarantee against defects in workmanship and material from the date of acceptance. The manufacturer of the panel shall warrant all components in the system for unit responsibility purposes.
- 2.9 CORROSION PROTECTION: All materials exposed to wastewater shall have inherent corrosion protection: i.e., epoxy powder-coated cast iron, fiberglass, stainless steel, PVC.
- 2.10 SAFETY: The grinder pump shall be free from electrical and fire hazards as required in a residential environment. As evidence of compliance with this requirement, the completely assembled and wired grinder pump station in its tank shall be listed by Underwriters Laboratories, Inc., to be safe and appropriate for the intended use.

The grinder pump shall meet accepted standards for plumbing equipment for use in or near residences, shall be free from noise, odor, or health hazards, and shall have been tested by an independent laboratory to certify its capability to perform as specified in either individual or low pressure sewer system applications. As evidence of compliance with this requirement, the grinder pump shall bear the National Sanitation Foundation seal.

PART 3 - EXECUTION

- 3.1 DELIVERY: All grinder pump units will be delivered to the job site, 100% completely assembled, including testing, ready for installation. Grinder pump units will be individually mounted on wooden pallets.
- 3.2 INSTALLATION: Shall be in accordance with manufacturer's written instructions. Contractor shall be responsible for all excavation, dewatering, plumbing, electrical, anti-flotation, restoration, etc. necessary for proper installation. Services shall include but are not limited to the following:
 - A. The Contractor shall connect the discharge piping to the grinder pump station as shown on the Drawings.
 - B. The Contractor shall mount a grinder control panel as shown on the Drawings.
 - C. Before testing, all equipment shall first be properly lubricated, serviced, and adjusted in accordance with the manufacturer's specifications to ensure that the equipment is properly installed without developing vibration, overheating, or excessive noise.
 - D. All testing shall be performed in the presence of the Engineer. The Contractor shall notify the Engineer in advance of all testing. All equipment, materials, and labor required for the testing shall be furnished by the Contractor.
 - E. The Contractor shall test the grinder pump station according to the manufacturer's specifications.

- F. Should any sewage grinder pump unit fail any part of the specified testing procedure, the Contractor shall ascertain the cause of the failure and make the necessary repairs or adjustments as required. The Contractor shall then retest as specified. The Contractor shall repair or replace any damaged component with factory-supplied new parts or components at no cost to the Owner.
- 3.3 START-UP AND FIELD TESTING: The manufacturer shall provide the services of qualified factory-trained technician(s), who shall inspect the placement and wiring of each station, perform field tests as specified herein, and instruct the Owner's personnel in the operation and maintenance of the equipment before the stations are accepted by the Owner. All equipment and materials necessary to perform testing shall be the responsibility of the Contractor. This will include, as a minimum, a portable generator (if temporary power is required) and water in each basin.

The services of a trained factory-authorized technician shall be provided for one 8-hour day. Upon completion of the installation, the authorized factory technicians will perform the following tests on each station:

- 1. Make certain the discharge shut-off valve is fully open. This valve must not be closed when the pump is operating. There is also a valve(s) at the right-of-way that must be open.
- 2. Turn on the alarm power circuit.
- 3. Fill the wetwell with water to a depth sufficient to verify the high level alarm is operating. Shut off water.
- 4. Turn on pump power circuit. Initiate pump operation to verify automatic "on/off" controls are operative. Pump should immediately turn on. Within one (1) minute, alarm light will turn off. Within three (3) minutes, the pump will turn off.

Upon completion of the start-up and testing, the manufacturer shall submit to the Engineer the start-up authorization form describing the results of the tests performed. Final acceptance of the system will not occur until authorization forms have been received.

3.4 ACCEPTANCE:

- A. The Contractor shall perform all of the grinder pump manufacturer's mandatory and recommended startup tests on each grinder pumping station in the presence of the grinder pump manufacturer's representative. The purpose of the startup tests is to verify that each grinder pumping system (i.e., electrical system, alarms, pumps, piping, etc.) functions as intended by the grinder pump manufacturer. The Contractor shall supply all labor, materials, equipment, water, etc. necessary to perform the work.
- B. During the startup testing, the Contractor and Engineer shall observe the pipe joints within the valve box that contains the redundant check valve and at the buried piping connection to each wetwell for leaks. The Contractor shall excavate each wetwell piping connection to allow for the inspection and shall subsequently restore the site. The Contractor shall repair all leaking joints to the satisfaction of

the Engineer. The Contractor shall fill/refill each wetwell with water as many times as necessary to complete the work and verify that the pipe/fitting joints do not leak.

- C. The pump manufacturer's representative shall submit written certification that he has inspected, adjusted, tested, etc. the installation and that all aspects of each installation meet the requirements of the pump manufacturer for satisfactory performance and working life of the equipment. Each station will only be accepted by the Owner after the Engineer approves the installation, the results of all required tests, and the manufacturer's written certification. The Contractor's bid shall include all work and re-work necessary to obtain acceptance of each station.
- D. The written certification shall state that each station is installed and operating properly and is ready for acceptance by the Owner and shall include a list stating the serial number, the street address of the pump station installation, the name of the landow ner of the property on which the pump station was installed, the date of installation of the pump station, the date the pump station was tested, and the date the pump station was placed into service.
- E. Each certification shall have the signature of the pump manufacturer's representative who inspected and approved the pump station installation.
- 3.5 LOCKING: The manufacturer shall provide a padlock for each control panel and disconnect switch. The padlock shall be an all-weather padlock and have a hand-polished solid brass body with approximate body dimensions of 1-inch high by 1-inch wide by 1/2-inch thick with brass internals. The construction shall be pin tumbler with heal and toe locking for additional security. All padlocks shall be keyed alike and keyed to the City's master key system. Each lock shall be supplied with one key. The shackle shall be hardened steel with opening dimensions of approximately 1-inch high by 1-inch wide by 3/16-inch thick. The Contractor shall spray the internal parts of each lock (both ends) with WD-40 lubricant, or equal, before placing a lock into service.

END OF SECTION - 333216

NASSAU COUNT	Y SCHOOL DISTRICT			
	DONNA MARTIN, BOARD CHAIR			
	GAIL COOK, BOARD VICE-CHAIR			
NU District Sc	LISSA BRADDOCK, BOARD MEMBER			CLASSROOM
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S PARCEL ID: 50-3N-27-0000-0001-0350 ARCHITECT'S CERTIFICATION: TO THE BEST OF OUR KNOWLEDGE THESE DRAWINGS ARE COMPLETE AND COMPLY WITH FLORIDA BUILDING CODE SIXTH EDITION 2017 AND STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES 2014	 MECHANICAL ENGINEER: M. V. CUMMINGS ENGINEERS ELECTRICAL ENGINEER: M. V. CUMMINGS ENGINEERS 	904-724-0660 904-724-0660	* THIS RENDERING IS FOR REFE	
R. DEAN SCOTT, ARCHITECT, INC. ALL RIGHTS RESERVED. THESE DRAWINGS & SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN PROPERTY OF R. DEAN SCOTT, ARCHITECT, INC. AND SHALL NOT BE USED FOR ANY OTHER PROJECT OR FOR AN EXTENSION OF THIS PROJECT WITHOUT EXPRESS W R I T T E N C O N S E N T O F R. DEAN SCOTT, ARCHITECT, INC. DRAWN BY: <u>SNF</u> CHECKED BY: <u>RDS</u> DATE: <u>APRIL 13, 2020</u>	R. DEAN SCOTT ARCHITECT, INC. VEBSITE: WEBSITE:	STREET, SUITE 602 LORIDA 32202 04-598-0072 04-598-0450 WW.RDEANSCOTT.COM O. AA C000302	R. DEAN SCOTT, AIA AR 0014890	CLASSROOM BUILDING ADDITIONS WILDLIGHT ELEMENTARY SCH YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

PROJECT

BUILDING ADDITIONS

LEMENTARY SCHOOL

URIOSITY AVENUE E, FLORIDA 32097

RENDERING







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	A WINDOW SYMBOL - REI	FER T	SECTION	NUMBE	2	~~~~		C1.3 C1.4	GRADING & DRAINAG	GE PLAN	APRIL 13, 2020 APRIL 13, 2020		M-9 M-10	MECHANICAL CON AHU'S SEQUENCE
	- IO WINDOW LLLV. SHLL	_ 1	2		`			C5.1 C5.2	SITE DETAILS GRADING & DRAINAG	E DETAILS	APRIL 13, 2020 APRIL 13, 2020		M-11 M-12	MECHANICAL SCH MECHANICAL LEG
/			A502 - SHEET S	ECTION	IS DRAWN		REVISION CLOUD	C5.3 C5.4	UTILITY DETAILS		APRIL 13, 2020			
	I _ REVISION NOTE							C5.5	UTILITY DETAILS		APRIL 13, 2020		P-1 P-2	BUILDING 7 WASTE BUILDING 7 WATEF
			INTERIOR	/EXTERIC	DR			L101	LANDSCAPE PLAN	LANDSCAPE	APRIL 13, 2020		P-3 P-4	BUILDING 8 & 20 W BUILDING 8 & 20 W
			4 (A803) 2 ELEVATIO	N NUMB	ER <u>[]</u>			L102 L103	LANDSCAPE SPECIF	CATIONS CATIONS	APRIL 13, 2020 APRIL 13, 2020		P-5	PLUMBING RISER
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		$C \cap$						A100 A101	OVERALL BUILDING FLOOR PLAN - BUILD	PLAN ING 7	APRIL 1,3, 2020 JUNE 15, 2020		E-1 E-2	ELECTRICAL LEGE ELECTRICAL SITE
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	Δ.Δ.Ο.ΕΝΤ	 F.I	EXPANSION JOINT	 I R			ROUGH OPENING	A202 A203	STAIR PLANS AND SI	ECTIONS DETAILS	JUNE 15, 2020	/1	E-7 F-8	BLDG. 2 CENTRAL BUILDING 20 POW
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ALL RIGHT THESE DRAWING	S RESERVED. S & SPECIFICATIONS			ית		126	W. ADAMS STREET, SUITE 602		-					
ARE INSTRUMEN SHALL REMAI	TS OF SERVICE AND N PROPERTY OF			К·І	JEAN SCOI	JACKS TELE	UNVILLE, FLORIDA 32202 PHONE: 904 - 598 - 0072			WILDLIG	IT ELE	EME	NTAR	Y SCH
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C O P Y R I G H T 2 0 2 0 DEAN SCOTT, ARCHITECT, INC. L R I G H T S R E S E R V E D . ESE DRAWINGS & SPECIFICATIONS E INSTRUMENTS OF SERVICE AND ALL REMAIN PROPERTY OF DEAN SCOTT, ARCHITECT, INC. I D S H A LL N O T B E U S E D	1	ADDENDUM NC). 1		SNF	06.15.2020	R
R ANY OTHER PROJECT OR R AN EXTENSION OF THIS COJECT WITHOUT EXPRESS RITTEN CONSENT OF DEAN SCOTT. ARCHITECT. INC	NO. DRAW	/n by: <u>SNF</u>	REVISION CHECKED BY: <u>RDS</u>	DAT	PREP BY E: <u>APRIL 1</u>	DATE 1 <u>3, 2020</u>	A

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CHOOL

GENERAL INFORMATION & ABBREVIATIONS

OF 5 G SHEETS

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WILDLIGHT ELEMENTARY SCHOOL	F. GENERAL:	7. MEANS OF EGRESS - FBC-B CHAPTER 10 AND F	FPC NFPA 101 CHAPTERS 7 AND 14:	
CLASSROOM BUILDING ADDITIONS - CODE SUMMARY	DESCRIBED IN FFPC NFPA 101 8.3.2.4 REFER TO 5/A901. NOTE: FACH SMOKE PARTITION SHALL FYTEND FROM THE TOD OF THE	A. MINIMUM NUMBER OF EXITS: FBC-B (SE	CTION 1021) AND FFPC NFPA 101 7.4.1.1	
FAC = FLORIDA ADMINISTRATIVE CODE, CHAPTER 69A-58, UNIFORM FIRESAFETY STANDARDS FOR EDUCATIONAL FACILITIES. FBC-A = FLORIDA BUILDING CODE - ACCESSIBILITY, SIXTH EDITION (2017) FBC-B = FLORIDA BUILDING CODE - BUILDING SIXTH EDITION (2017)	FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE EQUIPMENT PLATFORM DECK ABOVE.	OR ROOF FOR OCCUPANT LOADS LESS THAN 50 FOR OCCUPANT LOADS BETWEEN 50 AND FOR OCCUPANT LOADS BETWEEN 501 AN FOR OCCUPANT LOADS GREATER THAN 10	= ONE EXIT REQUIRED 500 = TWO EXITS REQUIRED 000 = THREE EXITS REQUIRED 000 = FOUR EXITS REQUIRED	
FBC-P = FLORIDA BUILDING CODE - PLUMBING, SIXTH EDITION (2017)FBC-P = FLORIDA BUILDING CODE - PLUMBING, SIXTH EDITION (2017)	G. THRESHOLD BUILDING: FBC-B CHAPTER 2 & FLORIDA STATUTES GREATER THAN THREE STORIES: NO	FOR GROUP E	= TWO EXITS REQUIRED	
NCSD = NASSAU COUNTY SCHOOL DISTRICT SREF = STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES 2014	MEAN BUILDING HEIGHT > 50 FEET: NO ASSEMBLY OCCUPANCY > 5,000 SF AND WITH OCCUPANT CONTENT > 500: NO CONCLUSION: NOT A THRESHOLD BUILDING	BUILDING NO 7 BUILDING NO. 8 BUILDING NO. 20	 THREE BUILDING EXITS PROVIDED TWO BUILDING EXITS PROVIDED THREE BUILDING EXITS PROVIDED 	
 OCCUPANCY TYPE - FBC-B CHAPTER 3 (SECTION 303 & SECTION 305) & FPPC NFPA 101 6.1.3: A. GROUP E - EDUCATION 	HRESHOLD INSPECTION PLAN NOT REQUIRED. H. SMOKE COMPARTMENTS FFPC NFPA 101 14.3.7	NOTE: ALL EXIT DOORS INDICATED BELOW TO ALLOW EGRESS AT ALL TIMES.	WILL BE FITTED WITH PANIC EXIT DEVICES	
 2. GROSS BUILDING AREA – FBC-B CHAPTER 5 (SECTION 504): A. BUILDING HEIGHT: < 55'-0" ALLOWABLE BY TABLE + 20'-0" ADDITIONAL FOR AUTOMATIC SPRINKLERS BUILDINGS 7, 8 & 20 CLASSROOM BUILDINGS: ± 27'-0" < 75'-0" ALLOWABLE SO OK 	SYSTEM. 5. OCCUPANT LOAD - FBC-B (CHAPTER 10 - TABLE 1004.1.2)	TYPICAL EXIT OCCUPANT CAPACITY: EXIT A: SINGLE 3'-0" DOOR = 34" CLEA EXIT B: PAIR 3'-0" DOORS = 68" CLEAF	R/0.2"/OCCUPANT = 170 OCCUPANTS EACH 2/0.2"/OCCUPANT = 340 OCCUPANTS EACH	
B. NO. OF STORIES: 2 ALLOWABLE BY TABLE + 1 ADDITIONAL FOR AUTOMATIC SPRINKLERS BUILDINGS 7, 8 & 20 CLASSROOM BUILDINGS: 1 STORY < 3 STORIES ALLOWABLE SO OK	FFPC NFPA 101 CHAPTER 7 – TABLE 7.3.1.2 A. BUILDING NO. 7:	B. CORRIDOR WIDTH: FBC-B TABLE 10 FFPC NFPA 101	18.2 EXCEPTION 4 14.2.3.2 FOR EDUCATION OCCUPANCIES	
C. TOTAL GROSS SQUARE FOOTAGE: BUILDING NO. 7 CLASSROOM BUILDING: 17.137 GSF	BUSINESS AREAS (100sf/occupant) = 003 EDUCATIONAL AREAS (20sf/occupant) = 471	EDUCATION OCCUPANCIES: 72 INCHES	MINIMUM \leq actual minimum width 96 inches so ok	
BUILDING NO. 8 CLASSROOM BUILDING:10,252 GSFBUILDING NO. 20 CLASSROOM BUILDING:231 GSF	TEACHER PLANNING (100sf/occupant) = 009 <u>STORAGE/MECHANICAL (300sf/occupant)</u> = 014 TOTAL OCCUPANT LOAD = 497	C. TRAVEL DISTANCE: FBC-B TABLE 1 FFPC NFPA 101	016.2 14.2.6.2 (1) & 14.2.6.3	
TOTAL 27,620 GSF	TOTAL STUDENT STATIONS = 182	EDUCATION OCCUPANCIES: 200' MAXIN ALL ACTUAL MAXIMUM TRAVEL DISTANCES	IUM FOR SPRINKLERED BUILDINGS (FFPC IS MOST RESTRICTIVE) ARE IN COMPLIANCE. REFER TO LIFE SAFETY PLANS. OK.	
D. AREA MODIFICATIONS - GROUP E: TABULAR ALLOWABLE AREA WITHOUT MODIFICATIONS = 14,500 SF (FOR CONSTRUCTION TYPE IIB) NO. 7 IS 17,137 SF - INCREASE NECESSARY - SEE BELOW NO. 8 IS 10,252 SE - NO INCREASE NECESSARY	ART (20sf/occupant) = 048 TEACHER PLANNING (100sf/occupant) = 006 EDUCATIONAL AREAS (20sf/occupant) = (236) (1	D. COMMON PATH OF TRAVEL: FBC-B TAE FFPC NFPA	LE 1014.3 101 14.2.5.3.1 (MORE RESTRICTIVE)	
NO. 20 IS 231 SF - NO INCREASE NECESSARY	<u>STORAGE/MECHANICAL (300sf/occupant)</u> = 009 TOTAL OCCUPANT LOAD = 299	EDUCATION OCCUPANCIES: 100' MAXIM	UM FOR SPRINKLERED BUILDINGS. OK.	
AUTOMATIC SPRINKLERS TO BE INSTALLED. IS = 3 .	TOTAL STUDENT STATIONS = 090 1 C. BUILDING NO. 20:	E. DEAD END CORRIDOR: FBC-B TAE FFPC NFPA	LE 1018.4 101 14.2.5.2	
TOTAL BUILDING PERIMETER = $590'-8"$ BUILDING NO. 7 HAS 100% OF PERIMETER FRONTING OPEN SPACE \geq 30 FEET. THEREFORE F & P = $590'-8"$ FEET AND W = 30.	STORAGE/MECHANICAL (300sf/occupant)=001TOTAL OCCUPANT LOAD=001TOTAL STUDENT STATIONS=000	FAC 69A-5 EDUCATION OCCUPANCIES: 50' MAXIMU	8.0081(14)(a) IM FOR SPRINKLERED BUILDINGS. NO DEAD ENDS SO OK.	$\left\{ \right\}$
If = $[F/P - 0.25] W/30$ If = $[590.67/590.67 - 0.25] 30/30$ If = 0.75	NOTES: 1. ANY FRACTIONS ARE DROPPED AND OCCUPANT LOAD ROUNDED DOWN.	20' MAXIMU 8. PLUMBING FIXTURE CALCULATIONS - FBC-P TABL	IM. NO DEAD ENDS SO OK.	$\left\{ \right\}$
TOTAL ALLOWABLE AREA INCREASE CALCULATION:	 OCCUPANT LOADS ARE NOT ASSIGNED TO CIRCULATION SPACES, RESTROOMS. EQUIPMENT PLATFORMS ARE NOT CALCULATED IN BUILDING SQUARE FOOTAGE. EQUIPMENT PLATFORMS ARE NOT ASSIGNED OCCUPANT LOADS. 	A. 755 STUDENT OCCUPANTS THIS PROJECT.		\rightarrow
$Ao = \{At + [At \times If] + [At \times Is]\}$ $Ao = \{14,500 + [14,500 \times 0.75] + [14,500 \times 3]\}$	5. OCCUPANT LOADS INDICATED ARE FOR PURPOSES OF ESTABLISHING MINIMUM EXIT CAP	ACITY. 1. 50% BOYS & 50% GIRLS WILL BE U 2. THE RATIOS FOR GROUP E - EDUCA	TILIZED IN CALCULATING REQUIREMENTS FOR STUDENT TOILETS. TIONAL HAVE BEEN USED IN THE CALCULATIONS BELOW.	2
$A_0 = \{14,500 + 10,875 + 43,500\}$ $A_0 = 68,875$ GSF	6. NATURAL VENTILATION PER FBC-B 455.15.8 AND FLORIDA STATUTES CH. 1015 REQUIREMENT: NET 5% WINDOW OPENING FREE AREA FOR STANDARD CLASSROOMS ALON	G WATER CLOSET CALCULATIONS	FACILITY DOES NOT EXCEED 200 FEET PER FBC-B 453.16.1.2.	$\overline{\langle}$
BUILDING NO. 7 = 17,137 GSF \leq 68,875 GSF ALLOWABLE SO OK BUILDING NO. 8 = 10,252 GSF \leq 14,000 GSF ALLOWABLE SO OK BUILDING NO. 20 = 229 GSF \leq 14,000 GSF ALLOWABLE SO OK	PERIMETER OF BUILDING	$\frac{WATER CLOSET CALCOLATIONS}{378 MALE (1:50)} = 8 WC REQUUERINALS = 0 STUDENT$	JIRED. 2 BOYS & 6 ALL GENDER STUDENT WC = 8 TOTAL MALE WC PROVIDED OK. URINALS PROVIDED	$\overline{\langle}$
3. CONSTRUCTION TYPE: - FBC-B CHAPTER 4 AND 6 (SECTION 602): TYPE IIB	947 SF x .05 = 47.35 SF REQUIRED FREE AREA OF OPERABLE GLAZING	(378 FEMALE (1:50) = 8 WC REQUENCES	JIRED. 2 GIRLS & 7 ALL GENDER STUDENT WC = 9 TOTAL FEMALE WC PROVIDED OK.	
4. FIRE RESISTANCE – FBC–B CHAPTERS 4, 6, 7, 9 & 10 FFPC NFPA 101 CHAPTERS 6, 8 & 14	WINDOWS 6'-0" HIGH x 20'-0" WIDE = 120 SF x 40% OPERABLE FREE = 48.0 SF PROVIDED SO OK	WITH FBC-P 419.2	IUTED FOR MORE THAN 67% OF REQUIRED WATER CLOSETS IN COMPLIANCE	$\overline{\langle}$
A. BUILDING ELEMENTS FBC-B TABLE 601	NOTE: 1. THIS AREA IS ESTIMATED AND WILL BE VERIFIED DURING WINDOW SHOP DRAWING	REVIEW. LAVATORY CALCULATIONS 378 MALE (1:50) = 8 LAVS RE	QUIRED. 2 BOYS & 6 ALL GENDER STUDENT LAVS = 8 TOTAL MALE LAVS PROVIDED OK	• <
ASSEMBLIES / HOURLY RATING / SYSTEM DESIGN INTERIOR WALLS (WHERE INDICATED) / O HR / NONE (SMOKE-TIGHT) INTERIOR WALLS (UNLESS OTHERWISE INDICATED) / O HR / NONE	2. LARGEST CLASSROOM FLOOR AREA USED IN CALCULATION.	378 FEMALE (1:50) = 8 LAVS RE	QUIRED. 2 GIRLS & 7 ALL GENDER STUDENT LAVS = 9 TOTAL FEMALE LAVS PROVIDED	ок.
EXTERIOR WALLS (BEARING) / 0 HR / NONE FLOOR CONSTRUCTION / 0 HR / NONE PRIMARY STRUCTURAL FRAME / 0 HR / NONE		DRINKING FOUNTAIN CALCULATIONS 755 STUDENT OCCUPANTS (1:100) =	8 DRINKING FOUNTAINS REQUIRED. 4 DRINKING FOUNTAINS AND 16 BUBBLERS = 20 TOTAL DRINKING FOUNTAINS PROVIDED OK.	$\sum_{i=1}^{n}$
B. FIRE SEPARATION DISTANCE FBC-B TABLE 602 ASSEMBLIES / HOURLY RATING / SYSTEM DESIGN		NOTES: 1. HI-LO ACCESSIBLE DRINKING FOUNTA 2. EACH CLASSROOM IS FITTED WITH A BUBBLERS ARE INCLUDED IN THE COUNT	INS COUNT AS TWO FOUNTAINS. BUBBLER AT THE SINK. THE SINKS ARE NOT INCLUDED IN COUNT ABOVE. ABOVE.	
EXTERIOR WALLS DISTANCE SEPARATED = X x = $15'-1/2$ " TO COMMON PROPERTY LINE (AT EAST EXTERIOR WALLS) x = $20'$ 6" TO COMMON PROPERTY LINE (AT NORTH (SOUTH EXTERIOR WALLS)		B. STAFF AND PUBLIC PLUMBING FIXTURES PRO	WIDED:	
x = 20-6 TO COMMON PROPERTITION (AT NORTH/SOUTH EXTERIOR WALLS) $10 \le x \le 30 / 0$ HR / NONE C. MAXIMUM ALLOWABLE OPENINGS IN EXTERIOR WALLS BASED LIPON FIRE SEPARATION DISTANCE AND OPENING		9. PARKING CALCULATIONS- FBC-B 453.10.2.8	FACILITY DUES NOT EXCEED SOU FEET PER FBC-P 403.3.5	
PROTECTION PER FBC-B TABLE 705.8. $15 \le X \le 20$ SPRINKLERED, UNPROTECTED = 75% ALLOWABLE OPENING AREA 20 < X < 25 SPRINKLERED, UNPROTECTED = UNLIMITED OPENINGS ALLOWED		A. STUDENTS: TOTAL: 800 ELEMENTAR RATIO: NO STUDENT PA	Y STUDENTS (PK–5) RKING SPACES REQUIRED FOR ELEMENTARY.	
D. CORRIDOR FIRE-RESISTANCE RATING FBC-B TABLE 1018.1 AND FFPC NFPA 101 14.3.6(2): FOR CORRIDORS SERVING MORE THAN 30 OCCUPANTS IN CORRIDORS IN GROUP E NEED NOT		B. FACULTY AND STAFF: 101 PER NCSD A RATIO: 1 SPACE	NS OF MARCH 25 2020. PER = 101 FACULTY/STAFF PARKING SPACES.	
FOR GROUP E CORRIDORS MUST BE SEPARATED BY SMOKE TIGHT CONSTRUCTION.		C. VISITORS: 800 STUDENTS/1	00 = 8 VISITOR PARKING SPACES.	
E. SPRINKLERED: ALL BUILDINGS WILL BE PROTECTED THROUGHOUT BY AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH FFPC NFPA 101 9.7.		D. TOTAL PARKING REQUIRED = 109 PARKIN TOTAL EXISTING PARKING PROVIDED = 1	IG SPACES 36 EXISTING PARKING SPACES SO OK	
		ACCESSIBLE PARKING SPACES REQUIRED	= 5 PER FACBC TABLE 208.2 = 5 \$0 0K	
		10. FLOOD ZONE STATEMENT: PROJECT IS LOCATED IN FLOOD ZONE "X". REF SURVEYORS, DATED NOVEMBER 11, 2019 FOR	ER TO SURVEY COMPLETED BY L.D. BRADLEY LAND	
	126 W. ADAMS STREET SUITE 602	CLASSROOM BUILDING ADDITIONS		DRAWI
R. DEAN SCO	TT JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072	LIGHT ELEMENTARY SCHOOL		
A R C H I T E C T . I N	JC. FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM	YULEE, FLORIDA	CODE SUMMART	
	LICENSENO. AA COOO3O2 R. DEAN SCOTT, AIA	RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200		OF 5 G

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ANY OTHER PROJECT OR
AN EXIENSION OF THIS
JECI WITHOUT EXPRESS
EAN SCOTT. ARCHITECT. INC.

NDUM NC). 1
	REVISION
<u>SNF</u>	CHECKED BY: <u>RDS</u>

	SNF	06.15.2020			
	PREP BY	DATE			
DATE: <u>APRIL 13, 2020</u>					

YULEE, FLORIDA
RDSA PROJECT NO. D-19-14
NCSD PROJECT NO. 98950-242



-

$2 \frac{\text{LIFE SAFETY PLAN - BUILDING 7}}{3/32" = 1'-0"}$



2:29:42 PM Wildlight ES - Classroom Additions/Wildlight E.S. Additions_Central_2019.09.16.vt MATERIAL STORAGE ROOM CALCULATION:

MATERIAL STORAGE ROOM TOTAL726 SFTOTAL BUILDING FLOOR AREA17,137 SF

= 4.2% <10% NO SMOKE RATING REQUIRED FOR MATERIAL STORAGE





© C O P Y R I G H T 202(DEAN SCOTT, ARCHITECT, INC	0 C.						SEAL	CLASSROOM BUILDING ADDITIONS
LL RIGHTS RESERVED	D .					126 W. ADAMS STREET SUITE 602		
HESE DRAWINGS & SPECIFICATIONS				D, $DEANISCC$		JACKSONVILLE FLORIDA 32202		
HALL REMAIN PROPERTY O')F			N DEAIN JUU	ノレレ	TELEPHONE: 904 - 598 - 0072		I WILDLIGHT ELEMENTARY SCI
DEAN SCOTT, ARCHITECT, INC	C					FACSIMILE: 904 - 598 - 0450		
ND SHALL NOI BE USEI		0.1	SNF 06.15.2020	A R C H I T F C T I	NC	W E B S I T E [:] W W W . R D E A N S C O T T . C O M		YULEE, ELORIDA
OR AN EXTENSION OF THIS	IS NO.	REVISION	PREP BY DATE	AROIIILOI, I		LICENSENO. AA COOO302		RDSA PROJECT NO. D-19-14
ROJECT WITHOUT EXPRESS	S						R. DEAN SCOTT, AIA	NCSD PROJECT NO. 98950-24200
RITIEN CONSENTO DEANSCOTTARCHITECTINC	C DRAWN BY: <u>SNF</u>	CHECKED BY: <u>RDS</u>	DATE: <u>APRIL 13, 2020</u>				AR 0014890	
OR AN EXTENSION OF THIS ROJECT WITHOUT EXPRESS / RITTEN CONSENT O C. DEAN SCOTT, ARCHITECT, INC	IS S F DRAWN BY: <u>SNF</u>	CHECKED BY: <u>RDS</u>	DATE: <u>APRIL 13, 2020</u>			LICENSE NO. AA COOO302	R. DEAN SCOTT, AIA AR 0014890	RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200





	EXISTING 3-5
E OF EXISTING CONCRETE	PLAYGROUND
\mathbf{Y}	
G 7 RESTROOM 07-01A (CORRIDOR 08-01C (CORRIDOR ACCESS) IS +/- 271'. AT STUDENT IS WITHIN 200' OF A RESTROOM	
RETAINING WALL - REFER TO	
NEW CHAIN LINK FENCE -	
¢ BLDGS	
SW SW SW CW	SW
K-2 PLAYGROUND	
EXISTING SWMF	
NEW CHAIN LINK FENCE AND GATE - REFER TO CIVIL	
EQEQ	
EXISTING BASKETBALL COURT	
EXISTING BACKSTOP	
STING	
ELD TV AVE	NUE
CURIOSITY AU	





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SHALL REMAIN PROPERTY OF							T 🖊					
R. DEAN SCOTT, ARCHITECT, INC.												
AND SHALL NOT BE USED	1	ADDENDUM NO	0. 1		SNF	06.15.2020		CU	тт	EC'	Т	Т
FOR ANY OTHER PROJECT OR							ЯΚ	. С П		БС	Ι,	1
FOR AN EXTENSION OF THIS	NO.		REVISION			DATE						
PROJECT WITHOUT EXPRESS			_									
WRITTEN CONSENT OF	DRAW	/N BY: <u>SNF</u>	CHECKED BY: <u>RDS</u>	DATE	∃: <u>APRIL</u>	<u>13, 2020</u>						
R. DEAN SCOII, ARCHITECT, INC.												



		SEAL	CLASSROOM BUILDING ADDITIONS		DRAWING NO.
DTT	126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072		WILDLIGHT ELEMENTARY SCHOOL	EQUIPMENT PLATFORM PLAN -	Δ110
NC。	WEBSITE [:] WWW.RDEANSCOTT.COM		YULEE, FLORIDA RDSA PROJECT NO. D-19-14	BUILDING 7 & BUILDING 8	AIIO
		R. DEAN SCOTT, AIA AR 0014890	NCSD PROJECT NO. 98950-24200		OF 44 A SHEETS

CONCRETE EYEBROW BELOW

NOTE: REFER TO LIFE SAFETY PLANS FOR WALLS EXTENDING TO DECK, RATED WALLS, SMOKE PARTITIONS AND RELATED INFORMATION



		SEAL	CLASSROOM BUILDING ADDITIONS
TTC	126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072		WILDLIGHT ELEMENTARY SC
[N C .	FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM LICENSE NO. AA C000302	R. DEAN SCOTT, AIA AR 0014890	YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

RESTROOM ACCESSORIES KEY						
Type Mark	Description					
A-1	42" GRAB BAR					
A-2	36" GRAB BAR					
A-6	TOILET PAPER DISPENSER - DOUBLE - OF/CI					
A-7	WALL MOUNTED SOAP DISPENSER - OF/CI					
A-8	PAPER TOWEL DISPENSER - OF/CI					
A-9	MIRROR -18" X 30"					
ABBREVIATIONS:						
MS	MARBLE SADDLE - 2"					
LVT	LUXURY VINYL TILE FLOORING					
СТ	CERAMIC TILE FLOORING					



6 ROOM NO. 08-01C & 08-09A - ENLARGED PLAN 1/4" = 1'-0"





WRITTEN CONSENT OF DRAWN BY: <u>SNF</u> CHECKED BY: <u>RDS</u> DATE: <u>APRIL 13, 2020</u> R. DEAN SCOTT, ARCHITECT, INC.

	SEAL	CLASSROOM BUILDING ADDITIONS		DRAWING NO.
DTT 126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM		WILDLIGHT ELEMENTARY SCHOOL	STAIR PLANS AND SECTIONS	A202
LICENSE NO. AA COOO302	R. DEAN SCOTT, AIA AR 0014890	RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200		OF 44 A SHEETS



			8 6 4 7 5 3 1 2 1 2 KEY PLAN	N W TRUE E
DTT JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM LICENSE NO. AA C000302	SEAL R. DEAN SCOTT, AIA AR 0014890	CLASSROOM BUILDING ADDITIONS WILDLIGHT ELEMENTARY SCHOOL YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200	EQUIPMENT PLAN - BUILDING 7	S DRAWING NO. A301 OF 44 A SHEETS





C-1	MARKER BOARD - 4'-0" X 8'-0"
C-2	TACK BOARD - 4'-0" X 8'-0"
C-3	TACK BOARD - 4'-0" X 4'-0"
C-4	TACK BOARD - 3'-10" X 5'-2"
C-5	CUSTOM CUBBY AND COAT HOOKS
C-6	CUSTOM CUBBY AND COAT HOOKS
C-7	CUSTOM CUBBY AND COAT HOOKS
C-8	CUSTOM CUBBY AND COAT HOOKS
C-9	CUSTOM CUBBY AND COAT HOOKS
C-10	CUSTOM CUBBY AND COAT HOOKS
C-11	CUSTOM CUBBY AND COAT HOOKS
C-12	CUSTOM CUBBY AND COAT HOOKS
C-13	CUSTOM CUBBY AND COAT HOOKS
C-14	CHARGING STATION - REFER TO ELECTRICAL

	EQUIPMENT KEY
TYPE MARK	DESCRIPTION
C-1	MARKER BOARD - 4'-0" X 8'-0"

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OR ANY OTHER PROJECT OR OR AN EXTENSION OF THIS ROJECT WITHOUT EXPRESS RITTEN CONSENT OF . DEAN SCOTT, ARCHITECT, INC.	NO. DRAV	vn by: <u>SNF</u>	REVISION CHECKED BY: <u>RDS</u>	DAT	PREP BY E: <u>APRIL ´</u>	DATE 1 <u>3, 2020</u>	ARCHIIECI, IN



A602

EQUIPMEN 3/32" = 1'-

MATERIAL STORAGE 08-10 ATER SERVICE ENTRANCE - REFER TO PLUMBING OT INT PLAN - BUILDING 8 -0"	o v		8 6 4 7 5 3 1 2 1 2 KEY PLAN	W TRUE E
DTT 126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450 W E B SITE: WW.RDEANSCOTT.COM LICENSE NO.	SEAL R. DEAN SCOTT, AIA AR 0014890	CLASSROOM BUILDING ADDITIONS WILDLIGHT ELEMENTARY SCHOOL YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200	EQUIPMENT PLAN - BUILDING 8	DRAWING NO. A302 OF 44 A SHEETS

NOTE: CUBBIES ARE CASEWORK TYP. REFER TO SHEET A803 FOR CUBBIES ELEVATIONS

	EQUIPMENT KEY
TYPE MARK	DESCRIPTION
C-1	MARKER BOARD - 4'-0" X 8'-0"
C-2	TACK BOARD - 4'-0" X 8'-0"
C-3	TACK BOARD - 4'-0" X 4'-0"
C-4	TACK BOARD - 3'-10" X 5'-2"
C-5	CUSTOM CUBBY AND COAT HOOKS
C-6	CUSTOM CUBBY AND COAT HOOKS
C-7	CUSTOM CUBBY AND COAT HOOKS
C-8	CUSTOM CUBBY AND COAT HOOKS
C-9	CUSTOM CUBBY AND COAT HOOKS
C-10	CUSTOM CUBBY AND COAT HOOKS
C-11	CUSTOM CUBBY AND COAT HOOKS
C-12	CUSTOM CUBBY AND COAT HOOKS
C-13	CUSTOM CUBBY AND COAT HOOKS
C-14	CHARGING STATION - REFER TO ELECTRICAL

C-3	TACK BOARD - 4'-0" X 4'-0"
C-4	TACK BOARD - 3'-10" X 5'-2"
C-5	CUSTOM CUBBY AND COAT HOOKS
C-6	CUSTOM CUBBY AND COAT HOOKS
C-7	CUSTOM CUBBY AND COAT HOOKS
C-8	CUSTOM CUBBY AND COAT HOOKS
C-9	CUSTOM CUBBY AND COAT HOOKS
C-10	CUSTOM CUBBY AND COAT HOOKS
C-11	CUSTOM CUBBY AND COAT HOOKS
C-12	CUSTOM CUBBY AND COAT HOOKS
C-13	CUSTOM CUBBY AND COAT HOOKS

					F	INISH S	SCHEDL	ILE BUI	LDING 7	,							
		FL	OOR	BA	SE				WA	LLS				CEILI	NG		
		FLOOR	FLOOR		BASE	NC	RTH	EA	AST	SC	OUTH	V	VEST			CEILING	
FISH	SPACE NAME	FINISH	SUBSTRATE	BASE FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	HEIGHT	NOTES
07-01	CORRIDOR	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1 / HPC-2	- / CONC /	10'-0"	NOTE 4 AND 5
07.044	DESTROOM	0.7	0.0110	075	0.44		0.44		0.44				0.411		GYP	01.01	
07-01A			CONC.		CMU		CMU		CMU		CMU		CMU			8'-0"	
07-010					CIVIO		CIVIO										
			γ CONC. γ														
07.02	PRIMARI CLASSROUM STUDENT STORAGE												CMU			0' 0" / 8' 0"	
07-02A			CONC.		CMU		CMU		CMU		CMU		CMU			9-070-0 0'0"	NOTE 4, 5 AND 7
07-034			CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU		CMU		CMU		_	<u> </u>	
07-03A			CONC.	RB	CMU		CMU		CMU		CMU		CMU			10-0	
07-03B			CONC.	PR	CMU		CMU		CMU		CMU		CMU		-	0' 0"	
07-04			CONC.		CMU		CMU		CMU		CMU		CMU			9-0 9'0"/8'0"	
07-04A			CONC.		CMU		CMU		CMU		CMU		CMU		- / WIX GTF	9-070-0 Q' 0"	NOTE 4, 3 AND 7
07-05			CONC.	PR	CMU		CMU		CMU		CMU		CMU		-	9-0 Q' 0"	
07-00	BOYS		CONC.	CTR	CMU		CMU		CMU		CMU		CMU			8' 0"	
07-00A		СТ	CONC.	CTB	CMU		CMU		CMU		CMU		CMU		MR GYP	8' 0"	
07-000				PR	CMU		CMU		CMU		CMU		CMU		MIX OTT	0-0 Q' ()"	
07-07			CONC.	PR	CMU		CMU		CMU		CMU		CMU		-	9-0 10' 0"	
07-07A			CONC.	PR	CMU		CMU		CMU		CMU		CMU		-	10-0	
07-07 0			CONC.	PR	CMU		CMU		CMU		CMU		CMU		-	0' 0"	
07-08					CMU		CMU		CIVIO		CMU		CMU		-	9-0	
07-09			CONC.	CTR	CMU		CMU		CMU		CMU		CMU			9-0 8' 0"	
07-03A			CONC.	PR	CMU		CMU		CMU		CMU		CMU		WIX GTF	10' 0"	
07-09D			CONC.	PR	CMU		CMU		CMU		CMU		CMU		-	0' 0"	
07-090					CMU		CMU		CIVIO		CMU		CMU		-	9-0	
07-10					CMU		CMU		CIVIO		CMU		CMU		-	9-0 10' 0"	
07-10A			CONC.	CTR	CMU		CMU		CMU		CMU		CMU			8' 0"	
07-100					CMU		CMU		CMU		CMU		CMU		WIX GTF	0-0 0' 0"	
07-11					CMU		CMU		CIVIO		CMU		CMU		-	9-0	
07-12	POVS				CMU		CMU		CIVIO		CMU		CMU			9-0 8' 0"	
07-12A		СТ	CONC.		CMU		CMU		CIVIO		CMU		CMU			8' 0"	
07-120					CMU		CMU		CIVIO		CMU		CMU		IVIN GTF	0-0	
07-13					CMU		CMU		CIVIO		CMU		CMU		-	9-0 10' 0"	
07-13A			CONC.	PR	CMU		CMU		CMU		CMU		CMU		-	10'0"	
07-136			CONC.	PR	CMU		CMU		CIVIO		CMU		CMU		-	0' 0"	
07-14			CONC.	PR	CMU		CMU		CMU		CMU		CMU		-	9-0 Q' 0"	
07-15	PRIMART CLASSROOM / STUDENT STURAGE		CONC.		CMU		CMU		CMU		CMU		CMU			9-0	
07-13A					CMU		CMU		CMU		CMU		CMU			9-070-0 0'0"	NOTE 4, 5 AND 7
07-10					CMU		CMU		CMU		CMU		CMU		-	<u> </u>	
07-10A					CMU		CMU		CIVIO		CMU		CMU		-	10-0	
07-100							CIVIU		CIVIU		CMU		CMU		-		
07-17	PRIMART CLASSROUM/STUDENT STURAGE						CIVIU		CIVIU		CMU		CMU			9-0	
07 10																0-0/0-U 0/0"	
07-10							CIVIO		CIVIO		CMU		CMU		-	9-0	
07-19												 ⊔лос 1				9-0	
07 20																	$\underbrace{\checkmark}$
01-21																	
01-22																	
01-23		00 00														-	
		30			CIVIO						GIVIU		GIVIU			-	

FINISH NOTES

1. OWNER/ARCHITECT WILL REVIEW BENCHMARK SAMPLES OF EACH PAINT COLOR INITIALLY SELECTED IN FIELD UNDER FINAL LIGHTING CONDITIONS. THIS REVIEW SHALL CONSTITUTE FINAL APPROVAL.

- 2. PROVIDE FLOOR LEVELING AND PATCHING AS REQUIRED FOR LVT INSTALLATION.
- 4. REFER TO REFLECTED CEILING PLANS FOR CEILING / SOFFIT CONFIGURATIONS.
- 5. REFER TO STRUCTURAL FOR EXPOSED STRUCTURE INFORMATION / HEIGHTS.
- 6. EXPOSED ALUMINUM ROOF STRUCTURE BY WALKWAY CANOPY MANUFACTURER.
- 7. REFER TO 1/A201 FOR EXTENTS OF EACH TYPE OF FLOORING.

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SHALL REMAIN PROPERTY OF R DEAN SCOTT ARCHITECT INC							
AND SHALL NOT BE USED	1 ADDENDUM NO	D. 1	SNF	06.15.2020			тест
FOR ANY OTHER PROJECT OR FOR AN EXTENSION OF THIS	NO.	REVISION	PREP E	Y DATE		АКСПІ	. I E C I ,
PROJECT WITHOUT EXPRESS					_		
R DEAN SCOTT ARCHITECT INC	DRAWN BY: <u>SNF</u>	CHECKED BY: <u>RDS</u>	DATE: APRI	L 13, 2020			

3. CEILING HEIGHTS INDICATED ARE +/- ONE INCH. REPORT ANY CONFLICTS THAT REQUIRE VARIANCES MORE THAN ONE INCH FROM DESIGN ELEVATION TO ARCHITECT FOR REVIEW/CLARIFICATION.

- ACT-1 = SUSPENDED ACOUSTICAL CEILING SYSTEM
- EX = EXISTING
- GYP = GYPSUM BOARD
- FISH = FLORIDA INVENTORY OF SCHOOL HOUSES
- CT = CERAMIC TILE
- CTB = CERAMIC TILE BASE
- RB = RESILIENT BASE
- HPC-1 = HIGH PERFORMANCE COATING / CMU WALLS / INTERIOR
- HPC-2 = HIGH PERFORMANCE COATING / GYP BD CEILINGS / INTERIOR SOFFITS
- HPC-3 = HIGH PERFORMANCE COATING / GYP BD WALLS / INTERIOR LVT = LUXURY VINYL TILE
- MR = MOISTURE RESISTANT



R. DEAN SCOTT, AIA AR 0014890

YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

FINISH KEY

PNT-1	=	PAINT / HM DOOR/ HM FRAMES / INTERIOR
PNT-2	=	PAINT HM DOOR / HM FRAMES / EXTERIOR
PNT-3	=	PAINT / MISC / EXTERIOR
SC	=	SEALED CONCRETE
CONC	=	CONCRETE
CMU	=	CONCRETE MASONRY UNIT

		DRAWING NO.
HOOL	FINISH SCHEDULE - BUILDING 7	A311
		OF 44 A SHEETS

					FI	NISH S	SCHEDU	LE BU	ILDING 8								
		F	LOOR	BA	SE				WAL	LS				CEILI	NG		
		FLOOR	FLOOR		BASE	NC	RTH	ł	EAST	S	OUTH	W	EST			CEILING	
FISH	SPACE NAME	FINISH	SUBSTRATE	BASE FINISH	SUBSRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	HEIGHT	NOTES
08-01	CORRIDOR	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	- / CONC / GYP	10'-0"	NOTE 4 AND 5
08-01A	MECHANICAL	SC	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	UNFINISHED	EXPOSED	-	NOTE 5
08-01B		LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	UNFINISHED	EXPOSED	-	NOTE 5
08-01C	RESTROOM	СТ	CONC.	СТВ	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-2	MR GYP	8'-0"	
08-02	ART	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-02A	MATERIAL STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	10'-0"	
08-02B	PROJECT STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-03	PRIMARY CLASSROOM / STUDENT STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-03A	RESTROOM	LVT/CT	CONC.	RB / CTB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1 / HPC-2	- / MR GYP	9'-0" / 8'-0"	NOTE 4, 5 AND 7
08-04	TEACHER PLANNING / MATERIAL STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-04A	MATERIAL STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	10'-0"	
08-04B	MATERIAL STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	10'-0"	
08-05	PRIMARY CLASSROOM / STUDENT STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-05A	RESTROOM	LVT/CT	CONC.	RB / CTB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1 / HPC-2	- / MR GYP	9'-0" / 8'-0"	NOTE 4, 5 AND 7
08-06	PRIMARY CLASSROOM / STUDENT STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-06A	RESTROOM	LVT/CT	CONC.	RB / CTB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1 / HPC-2	- / MR GYP	9'-0" / 8'-0"	NOTE 4, 5 AND 7
08-07	TEACHER PLANNING / MATERIAL STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-07A	MATERIAL STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	10'-0"	
08-07B	MATERIAL STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	10'-0"	
08-08	PRIMARY CLASSROOM / STUDENT STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-08A	RESTROOM	LVT/CT	CONC.	RB / CTB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1 / HPC-2	- / MR GYP	9'-0" / 8'-0"	NOTE 4, 5 AND 7
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-09A	RESTROOM	СТ	CONC.	СТВ	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-2	MR GYP	8'-0"	
08-09B	TEACHER PLANNING	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-10	MATERIAL STORAGE	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	10'-0"	
08-11	ELECTRICAL SYSTEMS	SC	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	ACT-1	-	9'-0"	
08-12	ELECTRICAL	SC	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	UNFINISHED	EXPOSED	· · ·	NOTE 5
08-13	CUSTODIAL	LVT	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-2	MR GYP	9'-0"	
		\nearrow															

FISH	SPACE NAME
20-01	GIRLS
20-02	MECHANICAL
20-03	BOYS

FINISH NOTES

1. OWNER/ARCHITECT WILL REVIEW BENCHMARK SAMPLES OF EACH PAINT COLOR INITIALLY SELECTED IN FIELD UNDER 2. PROVIDE FLOOR LEVELING AND PATCHING AS REQUIRED FOR LVT INSTALLATION. 3. CEILING HEIGHTS INDICATED ARE +/- ONE INCH. REPORT ANY CONFLICTS THAT REQUIRE VARIANCES MORE THAN ONE 4. REFER TO REFLECTED CEILING PLANS FOR CEILING / SOFFIT CONFIGURATIONS. 5. REFER TO STRUCTURAL FOR EXPOSED STRUCTURE INFORMATION / HEIGHTS. 6 . EXPOSED ALUMINUM ROOF STRUCTURE BY WALKWAY CANOPY MANUFACTURER. 7. REFER TO 1/A201 FOR EXTENTS OF EACH TYPE OF FLOORING.

5								
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	SHALL REMAIN PROPERTY OF R. DEAN SCOTT. ARCHITECT. INC.							
/	AND SHALL NOT BE USED	1	ADDENDUM NC). 1		SNF	06.15.2020	ADCHITECT INC
	FOR ANY OTHER PROJECT OR FOR AN EXTENSION OF THIS	NO.		REVISION	PF	REP BY	DATE	ARCHIIECI, INC
) 	PROJECT WITHOUT EXPRESS W R I T T E N C O N S E N T O F R. DEAN SCOTT, ARCHITECT, INC.	DRAW	/N BY: <u>SNF</u>	CHECKED BY: <u>RDS</u>	DATE:	APRIL 1	<u>3, 2020</u>	

			FIN	IISH SC	CHEDULI	E BUIL	DING 20								
FL	.00R	BA	SE				WAL	LS				CEI	LING		
FLOOR	FLOOR		BASE	NC	RTH	E	AST	S	OUTH	W	EST			CEILING	
FINISH	SUBSTRATE	BASE FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	HEIGHT	NOTES
СТ	CONC.	СТВ	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-2	MR GYP	9'-0"	
SC	CONC.	RB	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	UNFINISHED	EXPOSED	-	
СТ	CONC.	СТВ	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-1	CMU	HPC-2	MR GYP	9'-0"	

ACT-1 = SUSPENDED ACOUSTICAL CEILING SYSTEM PNT-1 = PAINT / HM DOOR / HM FRAMES / INTERIOR EX = EXISTING PNT-2 = PAINT HM DOOR / HM FRAMES / EXTERIOR GYP = GYPSUM BOARD PNT-3 = PAINT / MISC / EXTERIOR EISH = ELORIDA INVENTORY OF SCHOOL HOUSES SC = SEALED CONCRETE	FINISH KEY								
EX = EXISTING PNT-2 = PAINT HM DOOR / HM FRAMES / EXTERIOR GYP = GYPSUM BOARD PNT-3 = PAINT / MISC / EXTERIOR EISH = ELORIDA INVENTORY OF SCHOOL HOUSES SC = SEALED CONCRETE									
GYP = GYPSUM BOARD PNT-3 = PAINT / MISC / EXTERIOR EISH = ELORIDA INVENTORY OF SCHOOL HOUSES SC = SEALED CONCRETE									
SC - SEALED CONCRETE									
CT = CERAMIC TILE CONC = CONCRETE									
CTB = CERAMIC TILE BASE CMU = CONCRETE MASONRY UNIT									
RB = RESILIENT BASE									
HPC-1 = HIGH PERFORMANCE COATING / CMU WALLS / INTERIOR									
HPC-2 = HIGH PERFORMANCE COATING / GYP BD CEILINGS / INTERIOR SOFFITS									
HPC-3 = HIGH PERFORMANCE COATING / GYP BD WALLS / INTERIOR									
LVT = LUXURY VINYL TILE									
MR = MOISTURE RESISTANT									

. 0
R FINAL LIGHTING CONDITIONS. THIS REVIEW SHALL CONSTITUTE FINAL APPROVAL.
NE INCH FROM DESIGN ELEVATION TO ARCHITECT FOR REVIEW/CLARIFICATION.

		SEAL	CLASSROOM BUILDING ADDITIONS
DTT	126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE [:] 904 - 598 - 0072 FACSIMILE [:] 904 - 598 - 0450		WILDLIGHT ELEMENTARY SCI
NC.	W E B S I T E [:] WWW.RDEANSCOTT.COM L I C E N S E N O. A A C O O O 3 O 2	R. DEAN SCOTT, AIA AR 0014890	YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

		DRAWING NO.
HOOL	FINISH SCHEDULE - BUILDING 8 & 20	A312
		OF 44 A SHEETS

		DOOD		DOOR SO	CHEDUL		DING 7								DOOD		DOOR SCHE	EDULE	BUILD	ING 8				
MARK WIDTH	SIZE HEIGHT	THICKNESS MATERIA	L TYPE	UNDER CUT FRAME TYP	FRAME MATERIAL	HEAD	DETAILS JAMB	SILL	FIRE RATING	HARDWARE	COMMENTS	MARK	WIDTH	SIZE HEIGHT	THICKNESS M	IATERIAL	TYPE UNDER CUT FRAME TYPE M	FRAME IATERIAL	HEAD	DETAILS JAMB	SILL	FIRE RATING	HARDWARE	COMMENTS
701 6' - 0" 702 3' - 0" 703 3' - 0" 704 3' - 0" 705 3' - 0" 706 3' - 0" 707 3' - 0"	7' - 0" 7' - 0" 7' - 0" 7' - 0" 7' - 0" 7' - 0" 7' - 0"	1 3/4" Alum / Gla 1 3/4" WD	ss FG2 NL F G F F G	SF15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Alum HM HM HM HM HM HM	1/A341 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344	3/A341 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344	4/A341	20 MIN	1.0 5.0 11.0 9.0 10.0 10.0 9.0	PAIR. SEE SF ELEV FOR MORE DETAILS	801 802 803 804 805 806 807	6' - 0" 3' - 0" 3' - 0" 3' - 0" 3' - 0" 3' - 0" 3' - 0"	7' - 0" 7' - 0" 7' - 0" 7' - 0" 7' - 0" 7' - 0" 7' - 0"	1 3/4" Alu 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 3/4"	um / Glass WD WD WD WD WD WD	FG2 SF15 NL 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 NL 1 F 1	Alum HM HM HM HM HM HM	1/A341 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344	3/A341 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344	4/A341 5/A344	20 MIN 20 MIN 20 MIN 20 MIN	1.0 PAIR. SEE SF 5.0	ELEV FOR MORE DETAILS
709 $3' - 0"$ 710 $3' - 0"$ 711 $3' - 0"$ 711 $3' - 0"$ 712 $3' - 0"$ 713 $3' - 0"$ 713 $3' - 0"$ 714 $3' - 0"$ 715 $3' - 0"$ 716 $3' - 0"$ 717 $3' - 0"$ 718 $3' - 0"$ 719 $3' - 0"$ 720 $3' - 0"$ 721 $3' - 0"$ 722 $3' - 0"$ 723 $3' - 0"$ 724 $3' - 0"$ 725 $3' - 0"$ 726 $3' - 0"$ 727 $3' - 0"$ 728 $3' - 0"$ 729 $6' - 0"$ 720 $3' - 0"$	$\begin{array}{c c} 7' - 0'' \\ 7'$	1 3/4" WD 1 3/4"<	F NL G G SS FG NL SS FG F F G F F G F G F G NL F G NL F G S FG S FG2	1 3/4" 1 3/4" 1 3/4" 1 3/4" 1 SF18 1 1 1 1 1 1 1 1 1 1 1 1 1	HM HM	1/A344 1/A341 1/A341	2/A344 2/A344	4/A341 6/A344 6/A344 6/A344 6/A344	20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN	11.0 5.0 6.0 6.0 6.0 7.0	SEE SF ELEV FOR MORE DETAILS	808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 820	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1 3/4" 1 3/4"	WD WD	G 1 F 1 F 1 G 1 F 1 F 1 F 1 F 1 F 1 FG2 SF15 NL 1 F 1 G 1 F 1 G 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 G 1 F 1 G 1 F 1 G 1 G 1 G 1 F 1 G 1	HM HM	1/A344 1/A344	2/A344 2/A344	5/A344 4/A341 6/A344 6/A344	20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN	9.0 10.0 9.0 10.0 9.0 11.0 5.0 7.0 1.0 PAIR. SEE SF 5.0 1 1.0 9.0 10.0 10.0 10.0 9.0 10.0 9.0 10.0 9.0 11.0 9.0 10.0 9.0 11.0 9.0 10.0 9.0 11.0 9.0 10.0	
730 3' - 0" 731 3' - 0" 732 3' - 0" 733 3' - 0" 734 3' - 0" 735 3' - 0" 736 3' - 0" 737 3' - 0" 738 3' - 0" 739 3' - 0" 740 3' - 0" 741 3' - 0" 742 3' - 0"	7' - 0" 7' - 0"	1 3/4" WD	F NL F F NL F F F F F G F F	1 1 3/4" 1 3/4" 1	HM HM HM HM HM HM HM HM HM HM HM HM	1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344	2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344	6/A344 5/A344 6/A344 6/A344 6/A344	20 MIN 20 MIN 20 MIN 20 MIN	8.0 7.0 5.0 11.0 10.0 5.0 12.0 11.0 11.0 12.0 9.0 10.0 10.0		829 830 831 832 833 834 835 MARK	3' - 0" 3' - 0" - - 3' - 0" 3' - 0" WIDTH	7' - 0" 7' - 0" - - - 7' - 0" SIZE HEIGHT	1 3/4" 1 3/4" - - - 1 3/4" DOOR THICKNESS M	WD HM - - - WD	F 1 F 3 - 2 - 2 - 2 F 1 DOOR SCHE TYPE UNDER CUT FRAME TYPE M	HM HM HM HM HM HM EDULE I	1/A344 1/A343 3/A344 3/A344 3/A344 1/A344 BUILDI FRAME HEAD	2/A344 2/A343 4/A344 4/A344 4/A344 2/A344 2/A344 NG 20 DETAILS JAMB	3/A343 6/A344 6/A344 6/A344 6/A344	20 MIN	10.0 3.0 13.0 CASED OPEN 13.0 CASED OPEN 13.0 CASED OPEN 7.0 HARDWARE	ING FRAME ONLY ING FRAME ONLY ING FRAME ONLY ING FRAME ONLY
743 3' - 0" 744 3' - 0" 745 3' - 0" 746 3' - 0" 747 3' - 0" 748 3' - 0" 749 3' - 0" 750 3' - 0" 751 3' - 0" 753 3' - 0" 754 3' - 0" 755 3' - 0"	7' - 0" 7' - 0"	1 3/4" WD	G NL F F NL F G F G F G F NL F	1 1	HM HM HM HM HM HM HM HM HM HM HM HM	1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344 1/A344	2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344 2/A344	5/A344 5/A344	20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN 20 MIN	9.0 5.0 7.0 7.0 5.0 11.0 9.0 10.0 9.0 10.0 9.0 10.0 9.0 7.0 5.0 7.0		2001 2002 2003 DOOR NOTES: 1. DOOR MA 2. REFER TO	3' - 0" 3' - 0" 3' - 0" ARK 708 NOT O SPECIFICA	7' - 0" 7' - 0" 7' - 0" JSED. IONS FOR DOO	1 3/4" 1 3/4" 1 3/4" R GLAZING REQUIREN	HM HM HM	F 3 F 3 F 3	HM HM HM	1/A343 1/A343 1/A343	2/A343 2/A343 2/A343	3/A343 3/A343 3/A343		4.0 4.0 3.0	
756 3' - 0" 757 3' - 0" 758 - 759 - 760 - 761 - 762 3' - 0"	7' - 0" - - - 7' - 0"	1 3/4" HM 1 3/4" HM 1 3/4" WD	F F - - F		HM HM HM HM HM HM HM	1/A343 1/A343 3/A344 3/A344 3/A344 1/A344	2/A343 2/A343 4/A344 4/A344 4/A344 2/A344	3/A343 3/A343 6/A344 6/A344 6/A344	20 MIN	3.0 3.0 13.0 13.0 13.0 7.0 7.0	CASED OPENING FRAME ONLY CASED OPENING FRAME ONLY CASED OPENING FRAME ONLY			FLOOR LINE WOOD OR HC	SCHEDULE	70"	SEE SCHED. SEE SCHED. 9" 1'-6". 9" 1'-6". 0 -7.7 <td>PICAL DULE 6" T IV IV IV IV IV IV IV IV IV IV</td> <td>J12</td> <td>SEE SCHE</td> <td>EDULE</td> <td>J0.</td> <td>NL WOOD DOOR</td> <td>MATCH EXISTING DOORS IN EXISTING BUILDING NO. 5 AND BUILDING NO. 6</td>	PICAL DULE 6" T IV IV IV IV IV IV IV IV IV IV	J12	SEE SCHE	EDULE	J0.	NL WOOD DOOR	MATCH EXISTING DOORS IN EXISTING BUILDING NO. 5 AND BUILDING NO. 6
C O P Y R I G H T 2 0 2 DEAN SCOTT, ARCHITECT, IN LL RIGHTS RESERVED ESE DRAWINGS & SPECIFICATION IE INSTRUMENTS OF SERVICE AN HALL REMAIN PROPERTY O DEAN SCOTT, ARCHITECT, IN ND SHALL NOT BE USE OR ANY OTHER PROJECT O OR AN EXTENSION OF THI ROJECT WITHOUT EXPRES RITTEN CONSENT O DEAN SCOTT, ARCHITECT, IN	0 C. NS D F C. D 1 ADDE NO. S F DRAWN BY:	NDUM NO. 1 REVISION <u>SNF</u> CHECKED BY: <u>RI</u>	0 <u>S</u> DATE	SNF 06.15.2020 PREP BY DATE E: <u>APRIL 13, 2020</u>	$\frac{\mathbf{R}}{\mathbf{A}} \frac{\mathbf{R}}{\mathbf{R}}$	DEA chi	NS TECT	CO] , in	T 2 6 JACP T E L F A C C . W E L I	6 W. ADA KSONVILLE EPHONE CSIMILE BSITE CENSE	M S S T R E E T , SUITE 602 , F L O R I D A 3 2 2 0 2 : 9 0 4 - 5 9 8 - 0 0 7 2 : 9 0 4 - 5 9 8 - 0 4 5 0 : W W W . R D E A N S C O T T . C O M N O . A A C 0 0 0 3 0 2 R. DE A	SEAL AN SCOTT, AIA AR 0014890	WI	LDLIC	CLASSROOM GHT ELE YUL RDSA PRO NCSD PROJE	BUILDING EMEN LEE, FLORI DJECT NO. ECT NO. 98	G ADDITIONS NTARY SCHOOL IDA 5. D-19-14 8950-24200			DO	OR SC	CHEDU	JLE	DRAWING NO. A321 OF 44 A SHEETS





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AND SHALL NOT BE USED	1	ADDENDUM NC	D. 1		SNF	06.15.2020				гт т	י ד י	$\mathbf{C}\mathbf{T}$	т
FOR ANY OTHER PROJECT OR	NO							AK	. L F.		Ŀ	CΙ,	1
FOR AN EXTENSION OF THIS	NO.		REVISION	P	KEL RI	DATE						·	
PROJECT WITHOUT EXPRESS													
WRITTEN CONSENT OF	DRAV	VN BY: SNF	CHECKED BY: RDS	DATE:	APRII [^]	3.2020							
R. DEAN SCOTT, ARCHITECT, INC.		<u></u>	<u></u>			0, 2020							

AMBIM 360://Wildlight ES - Classroom Additions/Wildlight E.S. Additions Central 2019.09.1

SPACE NAME MATERIAL STORAGE INTERMEDIATE CLASSROOM / STUDENT STORAGE PRIMARY CLASSROOM / STUDENT STORAGE RESTROOM TEACHER PLANNING / MATERIAL STORAGE MATERIAL STORAGE MATERIAL STORAGE PRIMARY CLASSROOM / STUDENT STORAGE RESTROOM OFFICE 1 OFFICE 2 OFFICE 3 CUSTODIAL ELECTRICAL SYSTEMS ELECTRICAL MECHANICAL	$\frac{1}{1} + \frac{1}{1} + \frac{1}$	HIT CANOPY DECK AROUND DOWNSPOUT LOCATION AND FLASH DECK TO DOWNSPOUT, TYPICAL	
DTT 126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM LICENSE NO. AA C000302	SEAL R. DEAN SCOTT, AIA AR 0014890	CLASSROOM BUILDIN WILDLIGHT ELEME YULEE, FLOF RDSA PROJECT NO NCSD PROJECT NO.	IG ADDITIONS NTARY SCH RIDA D. D-19-14 98950-24200

07-23

		0		0		
			A 9' - 0")			
		o o o				07-09A
			(C 8' - 0") (C 8' - 0")			
	A 9 - U 07-20					
○ SE		A 9' - 0") 07-06B				
9' - 0")						
	0 0	0 0				
	0	0 0	A 10'-0' A 10'-0' A	o o o o		
	A 9'-0")					
	07-19	07-05 07-07A				
		SE O O				
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						Soll II
01 1	A403/					
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) •SE • •			•SE • •	DEC
01D	07.22					
DPEN		07-14 07 120		A 07-11	07-10	
		0/-IJD				
		(A 9'-0")				
		○SE 07-12A	€ (C, 8', - 0") € (C 8', 0") <i>€</i> 07-12 B			
DPEN 🛔						



1 <u>REFLECTED CEILIN</u> 3/32" = 1'-0"

FISH NUMBER	SPACE NAME						
08-01	CORRIDOR						
~08-01A	MECHANICAL						
08-01B	MECHANICAL						
08-01C	RESTROOM						
08-02	ART						
08-02A	MATERIAL STORAGE						
08-02B	PROJECT STORAGE						
08-03	PRIMARY CLASSROOM / STUDENT STORAGE						
08-03A	RESTROOM						
08-04	TEACHER PLANNING / MATERIAL STORAGE						
08-04A	MATERIAL STORAGE						
08-04B	MATERIAL STORAGE						
08-05	PRIMARY CLASSROOM / STUDENT STORAGE						
08-05A	RESTROOM						
08-06	PRIMARY CLASSROOM / STUDENT STORAGE						
08-06A	RESTROOM						
08-07	TEACHER PLANNING / MATERIAL STORAGE						
08-07A	MATERIAL STORAGE						
08-07B	MATERIAL STORAGE						
08-08	PRIMARY CLASSROOM / STUDENT STORAGE						
08-08A	RESTROOM						
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE						
08-09A	RESTROOM						
08-09B	TEACHER PLANNING						
08-10	MATERIAL STORAGE						
08-11	ELECTRICAL SYSTEMS						
~~08-12 _\	ELECTRICAL						
08-13	CUSTODIAL						

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3/2020 10:50:52 AM BIM 360://Wildlight ES - Classroom Additions/Wildlight E.S. Additions. Central 2019 09 16 r



NG PLAN-BUILDING 8

		SEAL	CLASSROOM BUILDING ADDITIONS
R. DEAN SCOTT	JACKSONVILLE, FLORIDA 3 2 2 0 2 TELEPHONE: 9 0 4 - 5 9 8 - 0 0 7 2		WILDLIGHT ELEMENTARY SCI
ARCHITECT, INC.	FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM LICENSE NO. AA C000302		YULEE, FLORIDA RDSA PROJECT NO. D-19-14
		R. DEAN SCOTT, AIA AR 0014890	NCSD PROJECT NO. 98950-24200





HOOL REFLECTED CEILING PLAN -BUILDING 8

DRAWING NO.

A402

OF 44 A SHEETS



		SEAL	CLASSROOM BUILDING ADDITIONS
DTT	126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE ¹ 904 - 598 - 0072 FACSIMILE ¹ 904 - 598 - 0450		WILDLIGHT ELEMENTARY SC
NC。	W E B S I T E WWW.RDEANSCOTT.COM L I C E N S E N O. A A C 0 0 0 3 0 2	R. DEAN SCOTT, AIA AR 0014890	YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

CHOOL	INTERIOR DETAILS	A520
		OF 44 A SHEETS

DRAWING NO.





BOYS	° °	°
<u>SIGN AT EACH OF THE</u> <u>03</u>	FOLLOWING: <u>PROVIDE ONE (1) SIGN AT EACH OF THE</u> <u>07-06B, 07-12B, 20-01</u>	<u>Following:</u>
RESTROON 0"		<u>OM_</u>
HOOL	INTERIOR SIGNAGE	DRAWING NO. A900 OF 44 A SHEETS

100.	LNOTES		120.	SHOP DRAWINGS	300.	REINI ORCED CONCRETE		
100.1	DESIGN CRITERIA DESIGN BUILDING CODE:		120.1	THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY ATLANTIC ENGINEERING SERVICES AND THE PROJECT ARCHITECT. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL COMPONENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:	300.1	ALL REINFORCED CONCRETE "BUILDING CODE REQUIREME AND SPECIFICATIONS FOR ST OF THE AMERICAN CONCRET	EWORK SHALL BE IN CO INTS FOR STRUCTURAL RUCTURAL CONCRETE E INSTITUTE.	DNFORMANCE WITH THE CONCRETE" (ACI 318-14) E (ACI 301-10)
	A. FLORIDA BUILDING CODE, 6TH EDITION 2017			A. FABRICATED STRUCTURAL STEEL	000 5			
100.2	GRAVITY LOADS:			D. REINFURGING STEEL FUR CONCRETE AND MASONRY C. METAL DECK D. SUEAD STUDS (MELSON STUDS)	300.2		אטטא SIKENGIH (F'C) RE	EQUIRED AT 28 DAYS:
	A. FLOOR LIVE LOADS:			 D. SHEAR STUDS (NELSON STUDS) E. CONCRETE AND/OR MASONRY POST-INSTALLED ANCHORS E. DEFENDENTED AND DEFENDENT ALL TRUCCES 		A. FOUNDATIONS B. SLABS ON GRADE AND		3000 PSI
	1. CLASSROOMS 40 PS	SF		PREFABRICATED COLD FORMED METAL TRUSSES.G. PRE-ENGINEERED CANOPY SHOP DRAWINGS AND CALCULATIONS.		C. BEAMS AND COLUMS	>	4000 PSI 4000 PSI
	2. CORRIDORS / ASSEMBLY AREAS 100 PS	PSF	120.2	SHOP DRAWINGS TO BE SUBMITTED SHALL PROVIDE COMPLETE	300.3	MAXIMUM WATER TO CEMEN	TITIOUS MATERIALS RA	
	3. MECHANICAL 125 PS	PSF		INFORMATION FOR THE PRODUCTS OR COMPONENTS TO BE SUPPLIED. SUBMITTAL INFORMATION SHALL INCLUDE, BUT NOT BE LIMITED TO: MEMBER		A. FOUNDATIONS		0.56
	B. ROOF LIVE LOADS:			SIZES AND DIMENSIONS; GRADES OF MATERIAL FURNISHED; MATERIAL PREPARATION REQUIRED: MATERIAL FINISH AND MATERIAL COATINGS TO BE		B. SLABS ON GRADE AND ELEVATED FLOOR SLABS	8	<u>445</u>
	1. LEVEL ROOF 20 PS	PSF		FURNISHED; INFORMATION REGARDING CUTS, COPES, AND HOLES		C. BEAMS AND COLUMNS		
	2. PITCHED ROOF 20 PS	SF		DEVIATION FROM LINE; SPECIAL ERECTION AND/OR INSTALLATION	300.4	ALL CONCRETE SHALL BE NO		ETE (MINIMUM 144 PCF)
)0.3	LATERAL LOADS:			PROCEDURES, INCLUDING REQUIREMENTS FOR TEMPORARY STABILIZATION.		AGGREGATE SIZE SHALL BE	1-1/2" FOR FOOTINGS A	ND 3/4" FOR WALLS AND
	A. WIND LOADS (IN ACCORDANCE WITH DESIGN BUILDING CODE	E PER	120.3	ALL SHOP DRAWING RESUBMITTALS AND RECORD COPY SUBMITTALS SHALL HAVE ALL REVISIONS SUBSEQUENT TO THE PREVIOUS SUBMISSION		SLABS, CONFORMING TO AST	M C33.	
	GENERAL NOTE 100.1):			CLOUDED OR OTHERWISE IDENTIFIED ON THE RESUBMITTED SHEETS. RESUBMITTALS AND RECORD COPY SUBMITTALS WITHOUT IDENTIFICATION	300.5	REINFORCEMENT		
	 ULTIMATE DESIGN WIND SPEED (3 SECOND GUST) CLASSROOMS BLDGS 7, 8 AND 20 	Vult = 137 MPH		OF REVISIONS WILL BE REJECTED WITHOUT REVIEW.		A. DEFORMED BARS		ASTM A615, GRADE 60
	2. NOMINAL DESIGN WIND SPEED (3 SECOND GUST)		120.4	ALL STEEL-TO-STEEL SHEAR CONNECTIONS SHALL BE SELECTED BY THE		B. DEFORMED BARS (WELD	ABLE)	ASTM A706,
	A. CLASSROOMS BLDGS 7, 8 AND 20	Vasd = 106 MPH		PRACTICE SECTION 3.1.2.(2), BASED ON THE REACTIONS REQUIRED BY		C. WELDED WIRE REINFOR	CEMENT	ASTM A185
	 RISK CATEGORY = III EXPOSURE CATEGORY = C 			CONTRACT DOCUMENTS.	300.6	MINIMUM COVER FOR CAST-I	N-PLACE CONCRETE RI	EINF., UNLESS
	5. ENCLOSURE CLASSIFICATION = ENCLOSED 6. INTERNAL PRESSURE COEFFICIENT (GCpi) = +/- 0.18		120.5	THE CONTRACTOR SHALL NOT DIRECTLY INCORPORATE THE STRUCTURAL		OTHERWISE SHOWN ON DRA	WINGS, SHALL BE AS FO	OLLOWS:
	7. COMPONENTS AND CLADDING PRESSURES: SEE "COMPO			DRAWINGS, OR PORTIONS THEREOF, INTO SHOP DRAWINGS OR ERECTION		A. FOOTINGS B. COLUMNS & PEDESTALS	(OVER VERT REINE)	3" 2"
	CLADDING WIND PRESSURE DIAGRAM"					C. BEAMS (OVER MAIN REIN	NF.)	- 2" 2" EOD 4" SLADS
	 accordance with FBC CHAPTERS 2 AND 16, THE CL/ BUILDINGS ARE NOT IN WIND-BORNE DEBRIS REGION. 	LASSKUUM		REPRODUCTIONS OF ANY PORTION OF THE STRUCTURAL DRAWINGS		DEPTH/3 FOR SLABS GR	EATER THAN 4".	2 FUR 4 SLABS
0.	GENERAL			WITHOUT THE EXPRESS WRITTEN PERMISSION OF ATLANTIC ENGINEERING SERVICES WILL BE RETURNED REJECTED. PERMISSION FOR A SPECIFIC	300.7	SPLICES IN REINFORCEMENT	, WHERE PERMITTED, S	SHALL BE AS FOLLOWS:
0.1	THESE DRAWINGS HAVE BEEN PRODUCED ENTIRELY ON ATLANTIC ENGINEERING SERVICES CADD SYSTEM ANY OTHER LETTERING	IC LINES OR		CONTRACTOR OR SUB-CONTRACTOR TO USE PORTIONS OF THE STRUCTURAL DRAWINGS IN THEIR PREPARATION OF SHOP DRAWINGS		A. WELDED WIRE REINFOR	CEMENT	8"
	SYMBOLS, OTHER THAN PROFESSIONAL STAMPS AND SIGNATURE	ES, HAVE		REQUIRES THAT CONTRACTOR OR SUB-CONTRACTOR TO ENTER INTO A WRITTEN AGREEMENT WITH ATLANTIC ENGINEERING SERVICES AND TO PAY		B. ALL OTHERS		CLASS "B" TENSION, CASE "1" MINIMUM
	SERVICES AND ARE INVALID.			A SERVICE FEE. SUCH AGREEMENT IS NON-TRANSFERRABLE AND IS				UNLESS OTHERWISE
).2	THE STRUCTURAL DRAWINGS SHALL GOVERN THE WORK FOR ALL	L		PROJECT.	000.0			
	STRUCTURAL FEATURES, UNLESS NOTED OTHERWISE. THE ARCHITECTURAL DRAWINGS SHALL GOVERN THE WORK FOR ALL	-	120.6	THE CONTRACTOR SHALL SUBMIT PRINTED COPIES OF SHOP DRAWINGS	300.8	ULADD "B", CADE "1" TENSION	I SPLICES IN INCHES, SI	HALL DE AS FULLOWS:
	DIMENSIONS.			FOR REVIEW BY ATLANTIC ENGINEERING SERVICES. PRINTED COPIES OF SHOP DRAWINGS SHALL CONSIST OF FOUR (4) REPRODUCIBLE PRINTS.		3000 F SIZE TOP BARS	יsi ALL OTHERS TOP	4000 PSI PBARS ALL OTHERS
0.3	DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS. ONLY DIMENSIONS			UPON THE COMPLETION OF THE SHOP DRAWING REVIEW, THREE (3) PRINTS SHALL BE RETURNED TO THE PROJECT ARCHITECT. ONE (1) SHALL BE		#3 (#10) 28 #4 (#13) 37	22 29	24 19 32 25
	EXTENT OF STRUCTURAL WORK. IF A REQUIRED DIMENSION IS NO			RETAINED BY THE ARCHITECT, ONE (1) SHALL BE DISTRIBUTED TO THE OWNER, AND ONE (1) SHALL BE SENT TO THE CONTRACTOR FOR		#5 (#16) 47 #6 (#19) 56	36 43	40 31 48 37
	FURNISHED ON DRAWINGS, THE CONTRACTOR SHALL SUBMIT A R FOR INFORMATION TO OBTAIN THE DIMENSION.	KEQUEST		DISTRIBUTION AS REQUIRED.		#7 (#22) 81	63	70 54
).4	UNLESS OTHERWISE INDICATED, PROVIDE EQUAL SPACING OF ST	TRUCTURAL	120.7	SUBJECT TO THE APPROVAL OF ATLANTIC ENGINEERING SERVICES, THE				
	COMPONENTS BETWEEN OVERALL DIMENSIONS INDICATED ON DE	RAWINGS.		CONTRACTOR MAY SUBMITELECTRONIC COPIES OF SHOP DRAWINGS IN LIEU OF PRINTED COPIES. ELECTRONIC COPIES SHALL BE SUBMITTED TO	300.9	SPLICES IN TOP REINFORCEN SPLICES IN BOTTOM REINFOR	MENT SHALL BE LOCATI RCEMENT SHALL BE LO	ED AT MIDSPAN AND CATED OVER SUPPORTS
0.5	THE METHOD AND FREQUENCY OF ATTACHING MECHANICAL EQUILINITS, ETC., TO THE STRUCTURAL ELEMENTS SUBJECT			ATLANTIC ENGINEERING SERVICES IN PDF FILE FORMAT, WITH ONE (1) ELECTRONIC FILE PER PACKAGE SUBMISSION. ATLANTIC		UNLESS NOTED OTHERWISE.		
	ENGINEERS REVIEW AND APPROVAL.			ENGINEERING SERVICES WILL PRINT, REVIEW, RE-SCAN THE REVIEWED SHOP DRAWINGS WITH ALL COMMENTS/NOTATIONS AND RETURN ONE (1)	300.10	ALL REINFORCING SHALL BE	HELD SECURELY IN PO	SITION WITH STANDARD
0.6	UNLESS OTHERWISE INDICATED, STRUCTURAL COMPONENTS SUF	JPPORTING		ELECTRONIC PACKAGE TO THE ARCHITECT TO PRINT, REVIEW, RE-SCAN,		SUPPORTS FOR ALL EXPOSE	D CONCRETE SHALL BE	
	MECHANICAL EQUIPMENT HAVE NOT BEEN DESIGNED FOR THE VII EFFECTS OF THE EQUIPMENT THE CONTRACTOR SHALL PROVIDE	'IBRATIONAL E		AND DISTRIBUTE TO THE CONTRACTOR.		PLASTIC COATED FEET. ALL V ACCORDANCE WITH THE DES	VELDED WIRE MESH SH SIGN BUILDING CODE.	HALL BE CHAIRED IN
	VIBRATION ISOLATORS FOR ANY MECHANICAL EQUIPMENT MOUNT	- NTED TO	120.8	THE REVIEW OF SHOP DRAWINGS AND OTHER SUBMITTALS FOR THIS PROJECT IS FOR CONFORMANCE WITH THE DESIGN CONCEPT AND FOR	300.11	ALL TIES SHALL HAVE 135 DF	GREE HOOKS.	
	RECOMMENDATIONS.			GENERAL COMPLIANCE WITH THE INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS. COMMENTS REGARDING THESE SUBMITTALS DO	300 12	ו חפת וו PROVIDE 1/2" PREMOLII	EXPANSION MATERIAL	WHERE SLAB ON GRADE
0.7	ALL STRUCTURAL WORK SHALL BE INSPECTED IN ACCORDANCE V	WITH THE			000.12	IS POURED AROUND COLUMN	IS AND AGAINST WALLS	S UNLESS OTHERWISE
	BUILDING CODE AND ALL LOCAL ORDINANCES. THE OWNER SHALL AN EXPERIENCED, QUALIFIED INSPECTION AGENCY. SUBJECT TO	L ENGAGE THE		WORK IN A SAFE AND SATISFACTORY MANNER.	000 · -			
	REVIEW OF THE ARCHITECT, TO PERFORM ALL INSPECTION WORK REQUIRED THRESHOLD BLUILDINGS SHALL BE INSPECTED BY A LIC	K, AS ICENCED			300.13	CONTRACTION JOINTS FOR S THAN 16'-0" ON CENTER. PAN	LABS ON GRADE SHAL	L BE SPACED NO MORE S OR SLAB EDGES SHALL
	THRESHOLD INSPECTOR IN ACCORDANCE WITH THE THRESHOLD)	200.	FOUNDATIONS - GENERAL		BE AS SQUARE AS POSSIBLE EXCEED 1.5.	WITH A LENGTH-TO-WI	DTH RATIO NOT TO
	INSPECTION PLAN.		200.1	FOUNDATIONS HAVE BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH CRITERIA ESTABLISHED BY AMEC IN THEIR	300.14	PRIOR TO CONCRETE PLACE	MENT, THE CONTRACT	OR SHALL SUBMIT A
0.8	STEP FOOTINGS BELOW ALL SANITARY AND WATER LINES. PROVIDING THE FOUNDATIONS IN ACCORDANCE WITH THE TYPICAL DETAIL	'IDE STEPS LS.		GEOTECHNICAL REPORT DATED OCTOBER 16, 2013 AND THE SUPPLEMENTAL	000.14			E WITH THE PROJECT
	COORDINATE THE EXACT LOCATION AND ELEVATION OF THE PLUM LINES WITH THE MECHANICAL AND PLUMRING DRAWINGS AND	IMBING		REPURIS DATED MAY 14, 2014 AND JANUARY 11, 2016.	000			
	CONTRACTORS. PROVIDE SLEEVES IN THE FOUNDATION WALLS A	AS	200.2	THE CONTRACTOR SHALL OBSERVE WATER CONDITIONS AT THE SITE AND TAKE THE NECESSARY PRECAUTIONS TO ENSURE THAT THE FOUNDATION	300.15	ADDITIONAL CONCRETE THIC	KNESS DURING PLACE	JE OF 5/8" OF MENT OF ALL SLABS
-				EXCAVATIONS REMAIN DRY DURING CONSTRUCTION. PROVIDE FOR DEWATERING AS NECESSARY		SUPPORTED AND FORMED OF THE DESIGN OF THE SUPPOR	N STEEL DECK OVER TH TING FRAMING INCLUD	HE ENTIRE FLOOR AREA. DES THE PROVISION FOR
.9	ALL PRE-FABRICATED STAIRS SHALL BE CAPABLE OF SUPPORTING SELFWEIGHT PLUS SUPERIMPOSED DEAD LOADS AND A SUPERIMP	G THE IPOSED LIVE	000.0			THE ADDITIONAL DEAD LOAD	BASED ON THE SAME A	AVERAGE INCREASE IN
	LOAD OF 100 PSF AND THAT MEETS ALL THE RELEVANT REQUIREM LOCAL BUILDING CODE. THE CONTRACTOR SHALL SUBMIT CALCUL	MENTS OF THE LATIONS AND	200.3	CONGRETE SLABS ON GRADE HAVE BEEN DESIGNED TO BEAR ON COMPACTED SUBGRADE SOILS OR PROPERLY COMPACTED FILL AS PER THE			ONTRACTOR SHALL PR	OVIDE THE MEANS BY
	SHOP DRAWINGS, STAMPED AND SIGNED BY A PROFESSIONAL ENGLICENSED TO PRACTICE IN THE STATE OF FLORIDA. FOR REVIEW F	IGINEER BY THE		REPORT REFERENCED IN NOTE 200.1.		AND VERIFIED DURING AND A	FTER THE PLACING AN	ID FINISHING
	STRUCTURAL ENGINEER.		210.	SHALLOW FOUNDATIONS		OPERATIONS. THE FINAL IN P THAN THAT INDICATED ON TH	LACE SLAB THICKNESS IE DRAWINGS.	SHALL NOT BE LESS
			 210 1	FOUNDATIONS HAVE REEN DESIGNED AND SHALL BE CONSTRUCTED IN				
			∠ IU. I	ACCORDANCE WITH CRITERIA ESTABLISHED IN THE GEOTECHNICAL REPORT	350.	CONCRETE/MASONRY ANCH	ORS	
				PER NUTE 200.1.	350.1	ALL HEADED CONCRETE AND	HORS SHALL BE NELSO	ON 3/4 " DIAMETER, 5" H4L
			210.2	SPREAD FOOTINGS HAVE BEEN DESIGNED TO BEAR ON UNDISTURBED SOILS OR PROPERLY COMPACTED FILL HAVING AN ALLOWABLE BEARING CAPACITY		ANCHORS WITH FLUXED END WELDING COMPANY, UNLESS	S AS MANUFACTURED THE SIZE IS NOTED OT	BY NELSON STUD
				OF 2500 PSF, AS PER NOTE 200.1.		STRUCTURAL DRAWINGS.		
			210.3	ELEVATIONS SHOWN ON THE DRAWINGS AT WHICH FOUNDATIONS ARE TO BEAR ARE APPROXIMATE, MATERIAL ON WHICH FOUNDATIONS ARE TO BEAR	350.2	ALL HEADED CONCRETE AND MATERIAL WHICH CONFORMS	HORS SHALL BE MANU	FACTURED FROM
				SHALL HAVE AT LEAST THE ABOVE NOTED CAPACITY. ALL EXTERIOR		HEADED-STUD TYPE, COLD-F	INISHED CARBON STEE	L; AWS D1.1, TYPE B.
				FOOTINGS SHALL BE A MINIMUM OF 1'-0" BELOW FINISHED GRADE.	350.3	ALL WELDS SHALL BE MADE I	N ACCORDANCE WITH	STRUCTURAL WELDING
				THE OWNER SHALL RETAIN THE SERVICES OF A PROFESSIONAL GEOTECHNICAL ENGINEER, SUBJECT TO THE APPROVAL OF THE ARCHITECT		CODE ANSI/AWS D1.1-86 IF TH RECOMMENDATIONS OF THE	IE AMERICAN WELDING NELSON STUD WELDIN	SOCIETY AND THE
			210.4					
			210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE				
			210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE NOTED CAPACITY.				
			210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE NOTED CAPACITY.				
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			210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE NOTED CAPACITY.				
R I G TT, AF	H T 2 0 2 0 CHITECT, INC.		210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE NOTED CAPACITY.			SEAL	
RIG TT, AF TS NGS &	H T 2 0 2 0 CHITECT, INC. R E S E R V E D. SPECIFICATIONS		210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE NOTED CAPACITY.	7. A D A M S	STREET, SUITE 602	SEAL	
RIG TT, AF TS IGS & ENTS (AIN F	H T 2 0 2 0 CHITECT, INC. R E S E R V E D SPECIFICATIONS F SERVICE AND ROPERTY OF		210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE NOTED CAPACITY. 126 W JACKSO TELED	Ά. Α D A M S NVILLE , F L H O N F : Ω Ω	STREET, SUITE 602 - ORIDA 32202) 4 - 598 - 0072	SEAL	WTI
RIG TT, AF TS NGS & ENTS (AIN F TT, AF	H T 2 0 2 0 CHITECT, INC. R E S E R V E D. SPECIFICATIONS F SERVICE AND ROPERTY OF CHITECT, INC. T B E U S E D 1 ADDENDUMINO 1	.ITK 06 15 2	210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE NOTED CAPACITY. 12.6 W JACKSO TELEP FACST	'. A D A M S NVILLE, F L H O N E : 9 (I M I L E : 9 (STREET, SUITE 602 - ORIDA 32202 04-598-0072 04-598-0450	SEAL	WIL
RIG TT, AF TS IGS & ENTS (AIN F TT, AF L NC FHER	H T 2 0 2 0 CHITECT, INC. R E S E R V E D. SPECIFICATIONS F SERVICE AND ROPERTY OF CHITECT, INC. T B E U S ED 1 PROJECT OR NO. REVISION	JTK 06.15.2	210.4	TO INSPECT THE FOUNDATIONS, BEARING LEVELS, ETC., AND VERIFY THAT THE MATERIAL ON WHICH FOUNDATIONS BEAR HAS AT LEAST THE ABOVE NOTED CAPACITY. R. DEAN SCOTT ARCHITECT, INC. 126 W JACKSO TELEP FACSI W E B	7. A D A M S NVILLE, F L H O N E [:] 9 (I M I L E [:] 9 (S I T E [:] W W	STREET, SUITE 602 - ORIDA 32202 04 - 598 - 0072 04 - 598 - 0450 W.RDEANSCOTT.COM	SEAL	WIL

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350.4	ALL ADHESIVE STUD ANCHORS SHALL BE "HILTI HIT-HY 200 ADHESIVE CONCRETE ANCHORS" AS MANUFACTURED BY HILTI FASTENING SYSTEMS, INC. (OR APPROVED EQUIVALENT).	420.17	BRICK VENEER ANCHORS SHALL BE PROVIDED PER AC SPACED NOT MORE THAN 24" OC HORIZONTALLY OR 16" ADDITIONAL ANCHORS PROVIDED WITHIN 8" OF OPENIN MORE THAN 16" AROUND PERIMETER THES SHALL BE DE	530 AND SHALL BE VERTICALLY WITH GS AND SPACED NOT SIGNED TO RESIST
350.5	ALL EXPANSION STUD ANCHORS SHALL BE "HILTI KWIK-BOLT 3 EXPANSION CONCRETE ANCHORS" AS MANUFACTURED BY HILTI FASTENING SYSTEMS, INC. (OR APPROVED EQUIVALENT).		MINIMUM 250# TENSILE/ COMPRESSIVE LOAD AT AT EAC PROVIDE TIE SUBMITTAL CERTIFYING THE CAPACITY OF	H TIE. GC SHALL THE TIES.
350.6	THE "HAS ANCHOR ROD" SHALL CONFORM TO ASTM A36 STEEL, THE "HAS SUPER ANCHOR ROD" SHALL CONFORM TO ASTM A193 STEEL, AND THE NUT SHALL CONFORM TO ASTM A563, GRADE A	420.18 510.	ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A307. STRUCTURAL STEEL	
350.7	THE "KWIK-BOLT 3 EXPANSION ANCHORS" STUD SHALL CONFORM TO ASTM A510 OR ASTM A108 STEEL AND THE NUT SHALL CONFORM TO ASTM A563, GRADE A.	510.1	ALL STRUCTURAL STEEL WORK SHALL BE IN ACCORDAN 360-10 "SPECIFICATION FOR STRUCTURAL STEEL BUILD FORCES AND MOMENTS INDICATED ARE SERVICE LEVEL	ICE WITH ANSI/AISC NGS." LOADS, _ AND ARE INTENDED
350.8	ALL EPOXY ADHESIVE ANCHORS FOR ANCHORING TO HOLLOW MASONRY SHALL BE "HILTI HIT-HY 70 ADHESIVE ANCHORS" AS MANUFACTURED BY HILTI		FOR USE WITH THE ALLOWABLE STRENGTH DESIGN PROCODE.	OVISIONS OF THE
350.9	THE SPACING, MINIMUM EMBEDMENT, AND INSTALLATION OF THE ANCHORS	510.2	GRADE OF STEEL	
000.0	SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES.		A. STRUCTURAL W SHAPESB. STRUCTURAL M, S, C, MC, AND L SHAPESC. STEEL TUBES (HSS SHAPES)	ASTM A992 ASTM A36 ASTM A500,
420.	MASONRY		D. STEEL PIPE (ROUND HSS)	GRADE B ASTM A500,
420.1	ALL MASONRY WORK SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (TMS 402-13/ACI 530-13/ASCE 5-13) AND THE "SPECIFICATIONS FOR MASONRY		E. PLATES AND BARS	GRADE B ASTM A36
420.2	STRUCTURES" (TMS 602-13/ACI 530.1-13/ASCE 6-13) OF THE MASONRY SOCIETY. MORTAR SHALL CONFORM TO THE PROPORTION SPECIFICATION OF ASTM	510.3	GALVANIZED STRUCTURAL STEEL A. STRUCTURAL SHAPES AND RODS	ASTM A123
420.3	GROUT SHALL CONFORM TO ASTM C476 AND AS FOLLOWS:		B. BOLTS, FASTENERS AND HARDWARE	ASTM F2329
	 A. COMPRESSIVE STRENGTH (F'c) OF GROUT = F'm AS INDICATED BELOW BUT NO LESS THAN 3,000 PSI. B. SLUMP OF GROUT SHALL BE 8 TO 11 INCHES AS MEASURED ACCORDING 	510.4	ALL BOLTED CONNECTIONS SHALL CONFORM TO THE R THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIO "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH- (LATEST EDITION).	EQUIREMENTS OF NS (RCSC) STRENGTH BOLTS"
	TO ASTM C143.C. MAX. AGGREGATE SIZE SHALL BE 3/8" (AGGREGATE GRADED TO PRODUCE FINE GROUT IN CONFORMANCE WITH ASTM C476 AND C404).	510.5	ALL BOLTS SHALL BE ASTM A325, TYPE 1, 3/4" DIAMETER OTHERWISE NOTED. WHERE NECESSARY DUE TO CONN REQUIREMENTS THE CONTRACTOR MAY UTILIZE ASTM /	R MINIMUM, UNLESS IECTION A490, TYPE 1 BOLTS.
420.4	LIMIT CEMENTITIOUS MATERIALS IN MORTAR TO: PORTLAND CEMENT CONFORMING TO ASTM C150 TYPE I; LIME CONFORMING TO ASTM C207; MORTAR CEMENT CONFORMING TO ASTM C1329; AND MASONRY CEMENT CONFORMING TO ASTM C01	510.6	THE USE OF BOLTS WITH DIFFERENT ASTM DESIGNATIC DIAMETER IS PROHIBITED. PROVIDE THE FOLLOWING BOLTED JOINT TYPES UNLES	NS AND THE SAME
420.5	PROVIDE SOLID AND HOLLOW LOAD BEARING CONCRETE BLOCK UNITS		INDICATED OR NOTED ON DRAWINGS:	
	CONFORMING TO ASTM C90. FURNISH CONCRETE BLOCK WITH NET AREA COMPRESSIVE STRENGTH AS SPECIFIED BY TABLE 2 OF TMS 602/ACI 530.1/ASCE 6, SECTION 1.4 B.2 BASED ON THE UNIT STRENGTH METHOD		 A. SNUG-TIGHTENED JOINTS: ALL SIMPLE SHEAR CONN B. SLIP-CRITICAL JOINTS: ALL TRUSS MEMBERS, LATER MOMENT CONNECTIONS. C. PRETENSIONED JOINTS: CONNECTIONS WHERE A49 	IECTIONS. RAL BRACING AND D BOLTS ARE
420.6	MINIMUM 28-DAY ULTIMATE COMPRESSIVE STRENGTH OF MASONRY:	510.7	ALL WELDING SHALL BE IN ACCORDANCE WITH THE STR	EAR AND TENSION.
420.7	HORIZONTAL JOINT REINFORCING FOR ALL EXTERIOR AND LOAD BEARING WALLS SHALL BE GALVANIZED TRUSS OR LADDER TYPE DUR-O-WAL, OR		CODE, AWS D1.1, LATEST EDITION, OF THE AMERICAN W ELECTRODES SHALL BE E70XX FOR MANUAL ARC WELD FOR SUBMERGED ARC WELDING.	ELDING SOCIETY. ING AND F7X-EXXX
	EQUIVALENT AS APPROVED BY THE ENGINEER WITH 2-9 GAGE LONGITUDINAL WIRE AND 9 GAGE CROSS WIRE, SPACED AT 16" CENTER TO CENTER, UNLESS NOTED OTHERWISE. PROVIDE ADDITIONAL LAYERS OF JOINT REINFORCEMENT IN THE FIRST TWO COURSES ABOVE AND BELOW A MASONRY OPENING. PROVIDE LAP AS RECOMMENDED BY MANUFACTURER WITH A MINIMUM OF 6". DISCONTINUE JOINT REINFORCING AT CONTROL	510.8	ALL SHEAR CONNECTIONS SHALL BE DESIGNED TO MEE REQUIREMENTS OF 2017 FBC, SECTION 1615, "STRUCTU SHEAR CONNECTIONS SHALL HAVE A MINIMUM NOMINA STRENGTH EQUAL TO OR 10 KIPS, WHICHEVER IS GREA	ET THE RAL INTEGRITY". ALL L AXIAL TENSION TER.
	JOINTS. PROVIDE "L" SHAPE AND "T" SHAPE DUR-O-WAL AT ALL INTERSECTION CORNERS WITH 8" MINIMUM LAP. SEE TYPICAL DETAILS.	510.9	ALL BEAM-TO-COLUMN CONNECTIONS SHALL BE DESIG SUMMATION OF THE FOLLOWING LOADS:	NED FOR THE
420.8 420.9	FULL BED AND HEAD JOINTS SHALL BE USED. ALL MASONRY WALLS SHALL BE SECURELY BRACED UNTIL FLOOR OR ROOF		A. THE BEAM END CONNECTION DESIGN REACTION RI GENERAL NOTES BELOW.B. A 10.0 KIP AXIAL FORCE (ACTING IN TENSION AND C	EQUIRED BY THE OMPRESSION).
	SYSTEM HAS BEEN INSTALLED AND HAS BECOME CAPABLE OF STABILIZING THE WALLS.	510.10	ALL BEAM END CONNECTIONS SHALL BE DESIGNED, UN OTHERWISE, FOR AN END REACTION "R" EQUAL TO NOT	LESS NOTED LESS THAN ONE
420.10 420.11	GROUT SOLID ALL CELLS IN MASONRY UNITS INSTALLED BELOW GRADE. GROUT SOLID ALL CELLS CONTAINING REINFORCING, AND WHERE		AISC SPECIFICATIONS, BUT NOT LESS THAN 6 KIPS. THE CONCENTRATED LOADS OCCURRING CLOSE TO THE EN SHALL BE CONSIDERED IN THE CONNECTION DESIGN	EFFECTS OF DS OF THE BEAMS
420.12	PROVIDE FINE GROUT PER ASTM C476 WHEN WIDTH OF GROUT SPACE IS LESS THAN 2". PROVIDE COARSE GROUT FOR GROUT SPACE WIDTHS 2" OR	510.11	ALL HEADED SHEAR STUDS SHALL CONFORM TO ASTM OR 1020, COLD FINISHED CARBON STEEL.	A 108, GRADE 1015
	GREATER. PROVIDE FINE GROUT WHEN REINFORCING HAS LESS THAN 1/2" CLEARANCE.	510.12	BEAMS MARKED [N] ARE COMPOSITE AND ARE TO HAVE BY 5 1/2" TALL, HEADED SHEAR STUDS WELDED TO THE	"N" 3/4" DIAMETER TOP OF THE BEAM
420.13	PROVIDE CONTROL JOINTS IN MASONRY CONSTRUCTION PER THE TYPICAL DETAILS. THE CONTRACTOR SHALL SUBMIT THE PROPOSED CONTROL JOINT LAYOUT TO THE ARCHITECT FOR REVIEW AND APPROVAL. PROVIDE MASONRY CONTROL JOINTS IN ACCORDANCE WITH THE FOLLOWING	510.13	WHERE THE DECK IS PERPENDICULAR TO SUPPORTING SHEAR STUDS SHALL BE PLACED AS FOLLOWS, UNLESS	COMPOSITE BEAMS, NOTED OTHERWISE:
	GUIDELINES UNLESS OTHERWISE INDICATED ON DRAWINGS: A. ALIGN CONTROL JOINTS IN CONCRETE MASONRY BACKUP FOR	510.14	WHERE THE NUMBER OF DECK CELLS AVAILABLE IS GR NUMBER OF STUDS, THE STUDS SHALL BE SPACED EQU	EATER THAN THE ALLY ALONG THE
	 MULTI-WYTHE AND CAVITY WALLS TO MATCH LOCATIONS IN MASONRY VENEER UNLESS NOTED OTHERWISE. B. CONTROL JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 24 FEET ON CENTER IN THE WALL FIELD AND A MAXIMUM OF 40 FEET FROM 	510.15	UNDERE THE DECK IS PARALLEL TO SUPPORTING COMP SHALL BE EQUALLY SPACED OVER THE LENGTH OF THE	OSITE BEAMS, STUDS MEMBERS UNI ESS
	BUILDING CORNERS C. LOCATE CONTROL JOINTS AT MAJOR HEIGHT CHANGES, CHANGES IN WALL THICKNESS AND AT WALL OPENINGS	510.16	NOTED OTHERWISE AS PER THE TYPICAL DETAILS. WHERE SHEAR STUDS ARE NOT INDICATED, BUT WHER	E A NON COMPOSITE
	D. CONTROL JOINTS IN PARAPETS SHALL BE SPACED AT 15 FEET ON CENTER MAXIMUM. WHERE JOINTS IN PARAPETS CAN NOT BE ALIGNED WITH JOINTS IN WALL FIELD, PROVIDE CONTROL JOINTS IN THE		BEAM SUPPORTS A CONCRETE SLAB, PROVIDE SHEAR S SPACING OF 24" CENTER TO CENTER.	
	PARAPET ONLY AT HALF THE WALL FIELD SPACING. E. CONTROL JOINTS SHALL BE A MINIMUM WIDTH OF 3/8" AND SHALL UTILIZE COMPRESSIBLE MATERIAL WITH A MINIMUM EXTENSIBILITY OF 60%.	510.17	CUTS, HOLES AND COPING, ETC. REQUIRED FOR OTHEF SHOWN ON THE SHOP DRAWING AND MADE IN THE SHO BURNING OR HOLES IN STRUCTURAL STEEL IN THE FIEL PERMITTED.	R TRADES SHALL BE P. CUTS OR D WILL NOT BE
420.14	PROVIDE CLEAN OUT AND INSPECTION HOLES AT BOTTOM OF MASONRY WALL IN ACCORDANCE WITH MASONRY CODE AT REINFORCING IF HIGH LIFT GROUTING (OVER 4 FEET HIGH) IS USED.	510.18	ALTERNATE CONNECTION DETAILS MAY BE USED IF SU SUBMITTED TO THE ENGINEER FOR REVIEW AND APPRO ENGINEER SHALL BE THE SOLE JUDGE OF ACCEPTANCE CONTRACTOR'S BID SHALL ANTICIPATE THE USE OF THO	CH DETAILS ARE DVAL. HOWEVER, THE E AND THE DSE SPECIFIED
420.15	DEFORMED BAR REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60. PROVIDE LAP SPLICES PER THE TABLE BELOW. PROVIDE BAR SPACERS AS REQUIRED TO PROPERLY LOCATE REINFORCING.		DETAILS SHOWN ON THE DRAWINGS THE CONTRACTOR FOR THE DESIGN OF SUCH ALTERNATE DETAILS WHICH	IS RESPONSIBLE HE PROPOSES.
	#3 - 24" #4 - 30" #5 - 36" #6 - 42"	510.19	ALL STRUCTURAL STEEL FRAMES SHALL BE SECURELY FLOOR SLABS, ROOF DECKS, AND SHEAR WALLS HAVE I BECOME CAPABLE OF STABILIZING THE FRAMES.	BRACED UN I IL ALL BEEN INSTALLED AND 6501 Arlington Expressively
420.16	#0 - 42 MASONRY COURSING SHOWN IN SECTION IS APPROXIMATE. REFER TO PLANS AND ELEVATIONS FOR ACTUAL COURSING. COORDINATE ACTUAL COURSING REQUIREMENTS WITH ARCHITECTURAL DRAWINGS.		ATLA	Building B, Suite 201 Jacksonville, FL 32211 p 904.743.4633 f 904.725.9295 www.aespj.com FL COA #791 AES Project #319-281 R19 © Copyright AES 2020
				DRAWING NO.

GHT ELEMENTARY SCHOOL

YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

S001

OF 20 S SHEETS

GENERAL NOTES

ROO	MS			
07-01	CORRIDOR			.
07-01A	RESTROOM			4 × 7
07-01B				AHU7-2
			$\left \left(\frac{1}{M-6} \right) \right $	<u>2000</u>
			TYP.	
07-02	PRIMARY CLASSROOM / STUDENT STORAGE	7 <u>2x72WL</u>	24x16	12x8
07-02A	RESTROOM			12×8 12×8
07-03	TEACHER PLANNING MATERIAL STORAGE			
07-03A	MATERIAL STORAGE			AHU7-1 + 1800 +
07-03B	MATERIAL STORAGE		24×1	$\begin{pmatrix} 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\$
07-04	PRIMARY CLASSROOM / STUDENT STORAGE			TYP.
07-04A	RESTROOM		DROP	TO CEILING LEVELS TYP. A
07-05	INTERMEDIATE CLASSROOM / STUDENT STORAGE			
07-06	VESTIBULE			
07-06A	BOYS			
07-06B	GIRLS			
07-07	TEACHER PLANNING MATERIAL STORAGE			
07-07A	MATERIAL STORAGE			
07-07B	MATERIAL STORAGE			$\overbrace{4}$
07-08	INTERMEDIATE CLASSROOM / STUDENT STORAGE		<u>,</u>	TYP. $M-6$ $EF7-1$ 200
07-09	INTERMEDIATE CLASSROOM / STUDENT STORAGE			
07-09A	RESTROOM		$\frac{2224CR}{M-7}$	$\frac{2224CR}{100}$
07-09B	MATERIAL STORAGE		TYP.	_14x8
07-09C	TEACHER PLANNING		1224CD $14x8$ $16x10$ $16x10$	$ \begin{array}{c c} \hline & & \\ \hline \\ & & \\ \hline & & \\ \hline \\ & & \\ \hline \\ \hline$
07-10	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE			- 10x8 00 8x€
07-10A				
07-10B	RESTROOM		07-02	<u>8X6</u> <u>612C</u> 100
07-11			×12	48x12 1600 [#]
07-12			$\begin{pmatrix} 1 \\ M-7 \end{pmatrix}$	<u>3</u> <u>0120K</u> <u>100</u> <u></u> 2
07 12	POVO		TYP.	
07-12A			<u>122400</u> 350	- (¹⁴ x8
$\begin{bmatrix} 07 \\ 12D \end{bmatrix}$				10^{-1} 122700^{-1} 1070^{-0}
07-13				$\frac{10\times8}{10\times8}$
07-13A	MATERIAL STORAGE	······		
07-13B			SD <u>200</u>	<u>00</u>
07-14	INTERMEDIATE CLASSROOM / STUDENT STORAGE		824CD 200	<u>824CD</u> 200
07-15	PRIMARY CLASSROOM / STUDENT STORAGE		07.010	
07-15A	RESTROOM			
07-16	TEACHER PLANNING MATERIAL STORAGE		24x14	10x8
07-16A	MATERIAL STORAGE		□ □ 14x8、 ▼	<u>824CD</u>
07-16B	MATERIAL STORAGE			
07-17	PRIMARY CLASSROOM / STUDENT STORAGE		1224CD 350	1224CD
07-17A	RESTROOM		N	07-16B
07-18	OFFICE 1			<u>3×12</u> 8 <u>12CR</u> ∅
07-19	OFFICE 2		14 18x6	
07-20	OFFICE 3		07-17	
07-21	CUATODIAL			
07-21D	MECHANICAL		14x8 16x10	
07-22	ELECTRICAL SYSTEMS			
07-23	ELECTRICAL		350	<u>1224CD</u> 350
07-24	MECHANICAL		2224CR	2224CR
<u>PLA</u>	N NOTES:			<u>EF7-3</u> 275

PLAN NUIES:

- 1 PROVIDE GALVANIZED SECONDARY DRAIN PAN WITH FLOAT SWITCH FOR ALL UNITS. INTERLOCK FLOAT SWITCH TO UNIT FAN STARTER AUXILIARY CONTACTS.
- (2) ALL CONDENSATE PIPING SHALL BE 3/4" "K" COPPER PIPING WITH 1" PIPE INSULATION. SLOPE ALL CONDENSATE PIPING IN DIRECTION SHOWN. MAINTAIN A MINIMUM OF 1/8" SLOPE PER LINEAR FOOT IN ALL PLACES.
- 3 PROVIDE CHILLED WATER AND HOT WATER VENT CONNECTION WITH BALL TYPE SHUT OFF VALVE AT HIGHEST POINT OF PIPING INSIDE BUILDING.

4 ROUTE VERTICAL DROP OF CONDENSATE PIPE INTO FLOOR DRAIN ON PLATFORM.

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PROJECT WITHOUT EXPRESS WRITTEN CONSENT OF R. DEAN SCOTT, ARCHITECT, INC.	DRAW	им вү: <u>REM</u>	CHECKED BY:	<u>WCK</u>	DATE: APRIL	. 13, 2020	

- CENTER WALK WAY.

- R. DEAN SCOTT ARCHITECT, INC.

08-01	
08-01A	MECHANICAL
08-01B	MECHANICAL
08-01C	RESTROOM
08-02	ART
08-02A	MATERIAL STORAGE
08-02B	PROJECT STORAGE
08-03	PRIMARY CLASSROOM / STUDENT STORAGE
08-03A	RESTROOM
08-04	TEACHER PLANNING MATERIAL STORAGE
08-04A	MATERIAL STORAGE
08-04B	MATERIAL STORAGE
08-05	PRIMARY CLASSROOM / STUDENT STORAGE
08-05A	RESTROOM
08-06	PRIMARY CLASSROOM / STUDENT STORAGE
08-06A	RESTROOM
08-07	TEACHER PLANNING MATERIAL STORAGE
08-07A	MATERIAL STORAGE
08-07B	MATERIAL STORAGE
08-08	PRIMARY CLASSROOM / STUDENT STORAGE
08-08A	RESTROOM
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
08-09A	RESTROOM
08-09B	TEACHER PLANNING
08-10	MATERIAL STORAGE
08-11	ELECTRICAL SYSTEMS
08-12	ELECTRICAL
08-13	CUSTODIAL
<u>VV</u>	SMOKE PARTITION
	SWORLTARTHON

72x72WL	
800	

 $\begin{array}{c}
2\\
M-7\\
TYP.
\end{array}$

19067M2R1.DWG 06/16/20) @ 2:0	06 PM						
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WRITTEN CONSENT OF R. DEAN SCOTT, ARCHITECT, INC.	DRAW	им вү: <u>REM</u>	CHECKED BY:	<u>WCK</u>	DATE:	APRIL	13, 2020	

DRAWN BY: REM CHECKED BY: WCK DATE: APRIL 13, 202

WRITTEN CONSENT (

. DEAN SCOTT. ARCHITECT. INC

	HA F	NRD Poli	WA NTS	RE S			SOFT\ POIN	NARE NTS			
POINT NAME	AI	AO	BI	BC	AV	'ΒV	SCHED	TREND	ALARM	SHOW ON GRAPHIC	
ILTER DIFFERENTIAL PRESSURE	Х							X	Х	Х	
ISCHARGE AIR TEMP	Х							Х		X	
OOLING VALVE		Х						Х		Х	
REEZE SENSOR			Х					Х	Х	X	
UPPLY FAN STATUS	X							Х		X	
UPPLY FAN START/STOP				X				X		X	ZONE SENSOR
EATING COIL AND VALVE		Х						X		X	
UTSIDE AIR TEMPERATURE	X									X	
UTSIDE AIR FLOW	Х							Х		Χ	
MERGENCY SHUIDOWN						Х		X	Х	X	
CHEDULE							Х				
EATING SETPOINT								X		X	
OOLING SETPOINT										X	
IGH ZONE TEMP									Х		
OW ZONE TEMP								Х	Х		
UPPLY FAN FAILURE									Х		
UPPLY FAN IN HAND									Х		
UPPLY FAN RUNTIME EXCEEDED									Х		
LTER CHANGE REQUIRED									Х		[
IGH DISCHARGE AIR TEMP									Х		
ow discharge air temp									Х		
W COIL TEMP	Х										
<u>kefiltek diffekential pressure</u>	X							X	X	X	<u>I SUPPLY</u>

EMERGENCY SHU <u>Supply fan fail</u> HIGH SUPPLY AIR OW SUPPLY AIR heating valve po

NDTES:

AD - VFD SPEED CONTROL

SINGLE ZONE CLASS ROOM UNIT, SAME AS ABOVE BUT DELETE VFD CHANG TO ECM MOTOR DO - ENABLE / DISABLE AO - CONTROL	TIE CONTROLS TO ELECTRICAL PROVIDE ROOM LIGHT SENSOR AND TURN AHU OFF WHEN CLASS ROOM IS UNOCCUPIED IN BUILDINGS 7 AND 8.
VFD AHU, SAME AS SINGLE ZONE, DELETE ROOM SENSOR, WITH FPVAV'S. ADD SUPPLY AIR STATIC PRESSURE SAME POINTS ON VFD.	
DI – VFD FAULT. AI – VFD SPEED FEED BACK.	

126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA JACKSONVILLE, FLORIDA SOUT TELEPHONE 904 598 OC WEBSITE WW.RDEANSCOTT.COM LICENSE NO.	SEAL Wayne C. Kelly, P.E. FL. LIC.# 18451	CLASSROOM BUILDING ADDITIONS WILDLIGHT ELEMENTARY SCH YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

MVD <u>AO - OUTSIDE AIR DAMPER</u> (SLOW ACTING) <u>AI-AIR FLOW</u> <u>OA</u> <u>BI - OUTSIDE AIR DAMPER STAT</u>			F - M BI - ERAT		E ST AIR STATL			IDITY SENS	COR CO2 SENS ZE SENSC IG TAPE TIME DE STF IS SEN I I I I I I I I I I I I I	SOR RA PR ELAY ISED.		AI – SUPPLY AIR TEM (SETPOINT = 55°F (SET @ 90°F HTG.) – SUPPLY FAN STAT	<u>ИР</u> ВІ — ВІ — ВІ Ц US		<u>E</u>
NE SENSOR <u>BI – ZONE OVERRID</u> E <u>AI – ZONE TEMP</u> <u>AI – ZONE SET POINT (ADJ)</u> <u>AI – TONE SET POINT (ADJ)</u>	ER DIFFERENT – FILTER DIFF PRESSURE		<u>A0</u> CH ¹	- <u>co</u> wr chv	ws-		LVE		۱D 8	₹∞ 3		0 – SUPPLY FAN STAF 0 – SUPPLY FAN SPE - SUPPLY FAN FAULT G VALVE → HWR WS	RT/STOP ED		
<u>AF</u>	<u>IU SII</u>	NG HA		WAF		NE		NOT TO SOFTV	I TROL ^{SCALE} VARE ITS	<u> </u>	<u>\GRAM</u>				
POINT NAME		AI	AO	BI	BO		ЗV	SCHED	TREND	ALARM	SHOW OI GRAPHIC	N :			
SUPPLY AIR TEMP SUPPLY FAN ECM SPEED COOLING VALVE POSITION		×	XXX				X		X X X X		X X X X				
RETURN AIR SMOKE DETECTOR SUPPLY FAN STATUS OUTSIDF AIR DAMPFR		X	χ	×					X X X	X	X X X X X				
SUPPLY FAN START/STOP RA CO2 RA HUMIDITY		× ×			X				X		X				
OCC SENSOR AUXILIARY SUPPLY AIR TEMP SETPOINT CLO EMERGENCY SHUTDOWN SUPPLY FAN FAILURE	G/HTG			×		X	X		X X	X X X	X X				
HIGH SUPPLY AIR TEMP LOW SUPPLY AIR TEMP										X X					
HEATING VALVE POSITION			X				T 1		X		X				
AL PROVIDE ROOM J OFF WHEN IN BUILDINGS	SENSE CONTR				BE F					CS CE		Y. M.V C o	/. CUMN N S U L	MINGS ENGI	NEERS, INC.
ADDITIONS												G501 JACK TELEI CER	ARLINGTO SONVILLE, PHONE (90	DN EXPRESSWAY, S FLORIDA 32211 D4) 724-0660 EB-3403 DRA	UITE B-211 JOB NO. 19067 WING NO.
TARY SCHOOL A 0-19-14 050-24200				M	E	CH	-1/	ANI	CAI	_ C(ONTR	OLS			1-8 13 m sheets

										AIR H	ANDL	NG U	NIT SCHE	DULE															
					FAN	SECT	10N				COOLIN	G COIL	SECTION						PRI	EHEATING	COIL [ΑΤΑ			REHEATING COIL DATA REMARKS			DATA REMARKS	
SYMBOL	LOCATION	MANUF.	. MODEL/SIZE	TOT/ (CFN	AL O/A 1) (CFM)	ES W.(SP C. (HP)	TOTA (MBH	L SENS. H) (MBH)	E	.A.T.		MAX. L.A.T.	E.W.T. (F)		NG GPM - MAX.	MAX. P.D.	MIN.TOTA MBH	L ENT. TEMP	LVG. TEMP	ENT. H TEMF	₂ 0 GPM	MAX. H ₂ O PRESS.DROF	P MIN. TOTA MBH	AL ENT. AIR	LVG. ENT AIR H ² O	GPM	MAX · H ² O	X. 2
										DB	WB	DI	3 WB		•F		(F1.H20)	/							IEMP		P	DROF	25. P
BLDG. 7				_																									
OA-AHU7-1	PLATFORM	TRANE	MCC-#6 CLASSROOM	1 2,000	2000	1.0	3	179	92	95	79	55	54	45	12	30	10	98	20	65	160	10	7			- -	—	7.0	HORIZONTAL UNIT VERTICAL DISCHARGE SINGLE ZONE 100% O/A UNIT W/VFD & PREMIUM EFF RATED MOTOR, 2"ANGLE FILTER, 4" 85% FILTER.
OA-AHU7-2	PLATFORM	TRANE	MCC-#6 CLASSROOM	1 2,000	2000	1.0	3	179	92	95	79	55	54	45	12	30	10	98	20	65	160	10	7	_			-	7.0	HORIZONTAL UNIT VERTICAL DISCHARGE SINGLE ZONE 100% O/A UNIT W/VFD & PREMIUM EFF RATED MOTOR, 2"ANGLE FILTER, 4" 85% FILTER.
AHU7-1	PLATFORM	TRANE	BCHD054 CLASSROOM	1 1,800	390	.80	1	48	38	73	63	55	54	45	12	8	10	_	-					78	55	95 160	19	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-2	PLATFORM	TRANE	BCHD072 CLASSROOM	1 2,000	390	.80	1	53	42	73	63	55	54	45	12	10	10	_	-	_			_	87	55	95 160	13	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-3	PLATFORM	TRANE	BCHD072 CLASSROOM	1 2,400	390	.80	1-1/2	64	50	73	63	55	54	45	12	12	10		-	_				105	55	95 160	29	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-4	PLATFORM	TRANE	BCHD054 CLASSROOM	1 1.600	390	.80	1	43	33	73	63	55	54	45	12	7	10	-	-	_			-	70	55	95 160	7	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-5	PLATFORM	TRANE	BCHD054 CLASSROOM	1 1,800	390	.80	1	43	33	73	63	55	54	45	12	7	10	-	_	-			-	70	55	95 160	7	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-6	PLATFORM	TRANE	BCHD072 CLASSROOM	1 2,400	390	.80	1	53	42	73	63	55	54	45	12	10	10	-	-	-			-	87	55	95 160	13	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-7	PLATFORM	TRANE	BCHD072 CLASSROOM	1 2,000	390	.80	1	53	42	73	63	55	54	45	12	10	10	-	-	-			-	87	55	95 160	13	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-8	PLATFORM	TRANE	BCHD054 CLASSROOM	1 1,400	390	.80	1	37	29	73	63	55	54	45	12	6	10	-	-	_	-	-	-	61	55	95 160	8	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-9	PLATFORM	TRANE	BCHD054 CLASSROOM	1 1,400	390	.80	1	37	29	73	63	55	54	45	12	6	10	-	-	-	-	-	-	61	55	95 160	8	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU7-10	PLATFORM	TRANE	BCHD072 CLASSROOM	1 2,300	390	.80	1-1/2	64	50	73	63	55	54	45	12	10	10	_	-	_	_	_	-	105	55	95 160	9	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
BLDG. 8																													
OA-AHU8-1	PLATFORM	TRANE	MCC-03 CLASSROOM	1 800	800	1.0	1	72	37	95	79	55	54	45	12	12	10	39	20	65	160	4	7	-	-	- -	-	7.0	HORIZONTAL UNIT VERTICAL DISCHARGE SINGLE ZONE 100% O/A UNIT W/VFD & PREMIUM EFF RATED MOTOR, 2"ANGLE FILTER, 4" 85% FILTER.
OA-AHU8-2	PLATFORM	TRANE	MCC-03 CLASSROOM	1 1,600	1600	1.0	1-1/2	143	73	95	79	55	54	45	12	24	10	78	20	65	160	8	7	-	-		_	7.0	HORIZONTAL UNIT VERTICAL DISCHARGE SINGLE ZONE 100% O/A UNIT W/VFD & PREMIUM EFF RATED MOTOR, 2"ANGLE FILTER, 4" 85% FILTER.
AHU8-1	PLATFORM	TRANE	BCHD054 CLASSROOM	1 1,900	390	.80	1	53	50	73	63	55	54	45	12	10	10	-	-	-	-	-	-	79	55	95 160	8	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU8-2	PLATFORM	TRANE	BCHD054 CLASSROOM	1 1,800	390	.80	1	48	38	73	63	55	54	45	12	8	10	-	-	-	-	-	-	78	55	95 160	19	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU8-3	PLATFORM	TRANE	BCHD054 CLASSROOM	1 1,600	390	.80	1	43	33	73	63	55	54	45	12	7	10	-	-	-	-	-	-	70	55	95 160	7	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU8-4	PLATFORM	TRANE	BCHD072 CLASSROOM	1 2,000	390	.80	1	53	42	73	63	55	54	45	12	10	10	-	-	-	-	-	-	67	55	95 160	13	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU8-5	PLATFORM	TRANE	BCHD072 CLASSROOM	1 2,000	390	.80	1	53	42	73	63	55	54	45	12	10	10	_	_	-	_	-	-	129	55	95 160	13	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
AHU8-6	PLATFORM	TRANE	BCHD072 CLASSROOM	1 2,000	390	.80	1	53	42	73	63	55	54	45	12	10	10	-	-	-	-	-	-	129	55	95 160	13	7.0	HORIZONTAL UNIT HORIZONTAL DISCHARGE ECM MOTOR, 2"ANGLE FILTER MIXING BOX, 4" 85% FILTER.
		1																											

1. PROVIDE AHU'S WITH COMBINATION ANGLE FILTER MIXING BOX WITH 2" PRE FILTERS.

2. MECHANICAL TO PROVIDE WITH ECM FAN MOTORS. CONTROLLERS PER SPECIFICATIONS.

3. PROVIDE 2-WAY VALVES ON COILS . 4. PROVIDE AHU'S WITH 304 S/S DRAIN PANS.

5. PROVIDE AHU'S WITH 4" 85% FILTERS AND 2" PRE FILTERS, AND TOTAL OF 3 SETS FOR EACH AHU.

6. AHU'S TO BE INTERNALLY SPRING ISOLATED.

PROVIDE ACCESS SECTION BETWEEN COOLING COIL AND HOT WATER COILS. TYP. ON OUTSIDE AIR AHU 7–1 AND 2, 8–1 AND 2.
 AHU'S ARE WITH HOT WATER COILS IN AHU, SEE PLAN FOR FAN DISCHARGE VERIFICATION.
 CONTRACTOR TO CHANGE ALL FILTERS FOR ONE YE.

10. OUTSIDE AIR AHU'S 7-1 & 2 AND 8-1 & 2 SHALL BE HORIZONTAL VERTICAL DISCHARGE MODULAR CLIMATE CHANGERS HORIZONTAL, WITH COMBINATION ANGLE FILTER MIXING BOX, PREHEAT COIL, COOLING COIL WITH VERTICAL DISCHARGE FAN. ALL FILTERS TO HAVE A 2" PRE FILTER AHEAD OF 4" 85% FINAL FILTERS.

15. CONTRACTOR TO CHANGE ALL FILTERS FOR ONE YEAR.

								SUPP	LY AND EXHAUS	ST FAN SCHE	EDULE	
SYMBO	_ CFM	E.S.P.	MOTOR H.P. (WATT)	MAX. SONES	MAX. RPM	TYPE		LOCATION	MANUFACTURER	MODEL NO.	REMARKS	
BLDG. 7												
EF7-1	200	.50	217	3.1	1070	INLINE CABINET DIRE	ECT DRIVE	07-02A	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
EF7-2	200	.50	217	3.1	1070	INLINE CABINET DIRE	ECT DRIVE	07–06	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
EF7-3	275	.50	217	3.1	1070	INLINE CABINET DIRE	ECT DRIVE	07—17A	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
EF7-4	200	.50	217	3.1	1070	INLINE CABINET DIRE	ECT DRIVE	07–12	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
EF7-5	200	.50	217	3.1	1070	INLINE CABINET DIRE	ECT DRIVE	07–10A	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
EF7-6	100	.50	217	3.1	1070	CEILING CABINET DIRE	ECT DRIVE	07-9A	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
	\sim											
1 BLDG. 8		13										
1 EF8-1	275	} .50	217	3.1	1070	INLINE CABINET DIRE	ECT DRIVE	08–03A	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
EF8-2	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Y .50	217	3.1	1070	INLINE CABINET DIRE	ECT DRIVE	08–09B	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
EF8-3	275	.50	217	3.1	1070	INLINE CABINET DIRE	ECT DRIVE	08-08A	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
_	-	-	-	-	-			—	_	-	-	
BLDG. 20)											
EF20-1	100	.50	217	3.1	1070	CEILING CABINET DIRE	ECT DRIVE	20-01	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	
EF20-2	100	.50	217	3.1	1070	CEILING CABINET DIRE	ECT DRIVE	20-03	GREENHECK	CSP-A510	WITH BDD, DISCONNECT	

1. PROVIDE FACTORY INSTALLED STANDARD DISCONNECT.

2. SEE ELECTRICAL DRAWINGS FOR VOLTAGE AND PHASE REQUIREMENTS.

3. PROVIDE BACK DRAFT DAMPER.

4. PROVIDE ALL FANS WITH DISCONNECT AND BACK DRAFT DAMPER.

5. PROVIDE ISOLATORS ON ALL INLINE CABINET FANS. 6. ALL EXHAUST FAN TO BE CONNECTED TO AUTOMATED EMCS CONTROLS AND SCHEDULED TO RUN DURING OCCUPIED HOURS.

UNIT HEATER SCHEDULE											
SYMBOL M	MANUF	MODEL NO.	ĸw	EAT	H.P.	CFM	RPM	VOLTAGE/ PHASE	∆T (℉)	HORIZONTAL THROW (FT)	REMARKS
UH-1 M	IARKEL	SERIES 5100	3.3	45	1/125	400	1550	SEE ELEC.	26	14	1,2,3,4,5,6

2. PROVIDE WITH RADIAL DIFFUSER WITH FINS SET FOR 90' SPREAD. 3. MOUNT UNIT VERTICALLY, PER MANUFACTURERS RECOMMENDATIONS.

4. PROVIDE WITH MANUFACTURER HORIZONTAL MOUNTING BRACKET. 5. PROVIDE HEATING ONLY T-STAT WITH SET PT. ADJ FROM 45'F \pm 5'F.

6. PROVIDE SINGLE PT. ELECTRICAL CONNECTION AND MANUFACTURER PROVIDED STANDARD DISCONNECT AND BUILT IN STAT TO HEATER.

19067M11R1.DWG 06/15/20) @ 1:5	53 PM					
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AND SHALL NOT BE USED	1	ADDENDUM NO. 1	WCK	6.15.2020	$\mathbf{O}\mathbf{O}$	A D C II I T T	
FOR ANY OTHER PROJECT OR FOR AN EXTENSION OF THIS	NO.	REVISION	PREP BY	DATE		ARCHIIE	UI, I .
PROJECT WITHOUT EXPRESS WRITTEN CONSENT OF R. DEAN SCOTT, ARCHITECT, INC.	DRAW	/N BY: <u>REM</u> CHECKED BY: Y	e: <u>APRIL</u>	. 13, 2020			

9. OUTSIDE AIR AHU'S 7-1 & 2 AND 8-1 & 2 SHALL BE DRAWTHRU WITH COMBINATION 2" ANGLE FILTER MIXING BOX, COOLING COIL, PREHEAT, VERTICAL DISCHARGE (AS NOTED IN SCHEDULE) UNIT CONFIGURATION AND 4" 85% FINAL FILTER SECTION.

11. AHU'S 7-1 THRU 10 AND 8-1 THRU 6 SHALL BE PROVIDED WITH ECM MOTORS.

12. OUTSIDE AIR AHU'S AND AHU'S UNITS VOLTAGE SHALL BE 460V-30 VERIFY WITH ELECTRICAL PLANS. 13. OA-AHU'S 7-1 & 2 AND 8-1 & 2 SHALL BE PREMIUM MOTORS, ECM.

16. SELECT AND PROVIDE ALL AHU'S FOR CFM INDICATED T&B TO SET CFM'S FOR CFM CONNECTED TO AHU'S.

OFCI AIR COOLED CH	ILLER SCHEDULE	MAX. CHILLER SOUND DATA
CHILLER NO.	CH-3	A-WEIGHTED (dBA)
NOMINAL CAPACITY	200 HIGH EFFICENT	SYMBOL 100% 75% 50% 25%
FULL LOAD CAPACITY	196	04 7 92 91 83 82 SOUND POWER
		TRANE RTAE-200 64 63 54 51 SOUND DRESSURE
CHILLER WATER FLOW (GPM) DESIGN/MIN	500/250	
ENT. CHW TEMP. ('F)	55	1. SOUND DATA FOR REFERENCE PURPOSES ONLY.
LVG. CHW TEMP. ('F)	45	
MAX. EVAPORATOR WATER P.D. (ft.)	15.0	
CHILLER FOULING FACTOR	.0001	
NO. OF COMPRESSOR/CIRCUITS	2/2	
REFRIGERANT	134a	
NO. CONDENSER FANS (PER CIRCUIT)	6 (12 TOTAL)	
AMBIENT AIR TEMP. (*f) SUMMER/WINTER	95/30	
NOM. CONDENSER FAN SPEED RPM	700	
% MIN. CONTINUOUS LOAD ON EACH CIRCUIT	20%	
EER/IPLV	11.0@FULL LOAD/18.0	
BASIS OF DESIGN	TRANE RTAE 200	
REMARKS	1,2,3,4,5,6,7,8,9,10,11	
 OVERALL CHILLER DIMENSIONS SHALL NOT EXCEED SCI 4. SEE ELECTRICAL PLANS FOR PHASE AND VOLTAGE REV 5. PROVIDE FACTORY DIPPED, SEACOAST CONSTRUCTION, 6,000 HOUR SALT SPRAY TEST IN ACCORDANCE WITH 6. PROVIDE FACTORY STARTER AND DISCONNECT, 480V/3 7. PROVIDE SOUND BLANKETS FOR ALL COMPRESSORS-U 8. ALL CONDENSER FANS SHALL BE VERTICAL DISCHARGE NOISE REDUCTION, AND HIGH EFFICIENCY. 9. PROVIDE ARCHITECTURAL LOUVERS ON CHILLERS SIDIN 10. PROVIDE REDUCED VOLTAGE STARTER AND SINGLE ELE 11. EMCS TO AUTOMATICALLY ALTERNATE START UP OF C 12. CHILLER TO START SYSTEM PUMPS, EMCS TO ENABLE PUMPS WHEN EMCS TELLS CHILLER TO START. EMCS AND PROVES WATER FLOW BY ITS FLOW SWITCH. 13. NEW CH-3 CHILLER TO MATCH EXISTING. 14. REPLACE EXISTING PADDLE FLOW SWITCH ON CH-1, CI EMCS TO ALARM AND PREVENT CHILLER FROM FUNCTIONS ALL UTILITY CONNECTIONS, OWNER HAS PLACED CHILLING 	ACTIONED CHILLER DIMENSIONS. QUIREMENTS. (460V, 3Ø). COATED CONDENSER COILS – RATED FOR ATM B117.85 3Ø. SEE ELECTRICAL PLANS FOR VERIFICATION. NGER TECHNOLOGIES, MODEL RSB-20, OR EQUAL C, TURBINE BLADE TYPE, DESIGNED FOR MAXIMUN G TO COVER COMPRESSOR SECTION AND COILS. CTRICAL POINT OF CONNECTION FOR CHILLER. H-1, CH-2 AND CH-3 ON A WEEKLY BASIS. PUMPS. RE-PROGRAM CHILLER SEQUENCE TO S' TO ALLOW PUMPS TO START WHEN CHILLER INIT H-2 AND NEW ON CH-3 AND TIE TO CHILLER A ONING IF FLOW NOT PROVEN. HILLER TO BE ON EXISTING PAD. CONTRACTOR T ER ON PAD.	TART TART TATES ND TO MAKE
		M.V. CUMMINGS ENGINEERS, INC. CONSULTING ENGINEERS, INC. CONSULTING ENGINEERS, INC. 6501 ARLINGTON EXPRESSWAY, SUITE B-211 JACKSONVILLE, FLORIDA 32211 TELEPHONE (904) 724-0660 CERT. NO. EB-3403 JOB NO. 19067
CLASSROOM BUILDI	NG ADDITIONS	DRAWING NO.
I WILDLIGHT ELEME	INTARY SCHOOL	
		MECHANICAL SCHEDULES I IVI-I I

OF 13 M SHEETS

)TT nc.	126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM LICENSE NO. AA C000302	SEAL	CLASSROOM BUILDING ADDITIONS WILDLIGHT ELEMENTARY SCH YULEE, FLORIDA RDSA PROJECT NO. D-19-14
	LICENSENO. AA CUUU3U2	Wayne C. Kelly, P.E. FL. LIC.# 18451	NCSD PROJECT NO. 98950-24200

07-01	CORRIDOR
07-01A	RESTROOM
07-01B	MECHANICAL
07-01C	MECHANICAL
07-02	PRIMARY CLASSROOM / STUDENT STORAGE
07-02A	RESTROOM
07-03	TEACHER PLANNING MATERIAL STORAGE
07-03A	MATERIAL STORAGE
07-03B	MATERIAL STORAGE
07 - 04	PRIMARY CLASSROOM / STUDENT STORAGE
07 - 04A	RESTROOM
07-05	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-06	VESTIBULE
07-06A	BOYS
07-06B	GIRLS
07-07	TEACHER PLANNING MATERIAL STORAGE
07-07A	MATERIAL STORAGE
07-07B	MATERIAL STORAGE
07-08	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-09	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-09A	RESTROOM
07-09B	MATERIAL STORAGE
07-09C	TEACHER PLANNING
07-10	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
07-10A	MATERIAL STORAGE
07-10B	RESTROOM
07-11	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-12	VESTIBULE
07 - 12A	BOYS
07-12B	GIRLS
07-13	TEACHER PLANNING MATERIAL STORAGE
07-13A	MATERIAL STORAGE
07-13B	MATERIAL STORAGE
07-14	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-15	PRIMARY CLASSROOM / STUDENT STORAGE
07-15A	RESTROOM
07-16	TEACHER PLANNING MATERIAL STORAGE
07-16A	MATERIAL STORAGE
07 - 16B	MATERIAL STORAGE
07-17	PRIMARY CLASSROOM / STUDENT STORAGE
07-17A	RESTROOM
07-18	OFFICE 1
07-19	OFFICE 2
07-20	OFFICE 3
07-21	CUATODIAL
07-21D	MECHANICAL
07-22	ELECTRICAL SYSTEMS
07-23	ELECTRICAL
07-24	MECHANICAL
WA	LL LEGEND
	SMOKE PARTITION

NOTE: PENETRATIONS THROUGH RATED ASSEMBLIES SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE FBC, WHICH REQUIRES INSTALLATION OF PENETRATIONS THROUGH FIRE RATED ASSEMBLIES OR FIRE STOP SYSTEMS AND SHALL BE AS TESTED BY ASTM E 814 OR UL 1479.

19067P1.DWG 04/13/20 @	2:01	PM					
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AND SHALL NOT BE USED FOR ANY OTHER PROJECT OR FOR AN EXTENSION OF THIS	1 NO.	ADDENDUM	NO.1 REVISION	SHF PREP BY	06.15.2020 DATE	W	ARCHITECT, II
PROJECT WITHOUT EXPRESS WRITTEN CONSENT OF R DEAN SCOTT ARCHITECT INC	DRAW	/N BY: <u>SHF</u>	CHECKED BY: WC	re: APRIL	13, 2020		

BLDG. 7 WASTE PIPING PLAN SCALE: 1/8" = 1'-0"

	PLUMB	ING	FIX	TURE	SCHEDULE
MARK	DESCRIPTION	COI	NNECTI	ONS	REMARKS
		CW	ΗW	W	
P-1	WATERCLOSET A.D.A.	1"	—	4"	FLR. MTD., FLUSH V., 15" HIGH BOWL, DUAL FLUSH
P-1A	WATERCLOSET A.D.A.	1"		4"	FLR. MTD., FLUSH V., 18" HIGH BOWL, DUAL FLUSH
* P-2	LAVATORY A.D.A.	1/2"	1/2"	1-1/4"	WALL HUNG, 34" LEDGE HT., METERED, .5 GPM
P-3	SINK A.D.A.	1/2"	_	1-1/2"	CTRTOP, SIDE MOUNT A.D.A. TRIM, 2.2 GPH
P-4	ELECTRIC WATER COOLER A.D.A.	1/2"	_	1-1/4"	WALL HUNG, BI-LEVEL, 36"/ 42" BUBBLER HTS.
P-5	MOP SINK	1/2"	1/2"	2"	FLOOR CORNER TYPE, WALL FCT. W/ VACUUM BKR.
P-6	EMERGENCY SHWR./EYEW. A.D.A.	1—1/4	,	-	PEDESTAL TYPE.
* P−7	SINK	1/2"	1/2"	1-1/2"	CTR-TOP, DOUBLE COMP. W/ CLAY TRAP, 2.2 GPM
4"FD	FLOOR DRAIN	1/2"	_	4"	PROVIDED W/ TRAP PRIMER
HB	HOSE BIBB	3/4"	-	-	WALL TYPE W/ VACUUM BREAKER
EWH	ELECTRIC WATER HEATER	3/4"	3/4"	_	30 GALLON, 4.5KW
WH	WALL HYDRANT	3/4"	_	_	FLUSH WALL TYPE W/ VACUUM BKR., LOCKABLE

* NOTE: CONTRACTOR SHALL PROVIDE THERMOSTATIC MIXING VALVE EQUAL TO SYMMONS MODEL 5-230-CK-M UNDER FIXTURE SERVED AND SET @ 110°F.

CLASSROOM BUILDING ADDITIONS

WILDLIGHT ELEMENTARY SCHO

YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

Wayne C. Kelly, P.E. FL. LIC.# 18451

SEAL

	4″WST-SEE CIVIL FOR CONTINUATION 2-WAY CO	
	07-06A	
4 4		
4"FD 9 ABV.	4"DOWN 4"FD 4"FD 4"FD 4"FC 4"CO	
		$ \begin{array}{c} F \\ F \\ -2 \\ -2 \\ -2 \\ -2 \\ -1 \\ F \\ D \end{array} $
	NOTE: CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO ANY DEMO. OR NEW WORK.	
	LEGEND WASTE PIPING VENT PIPING COLD WATER PI HOT WATER PI BALL VALVE CHECK VALVE CHECK VALVE UNION VTR VENT THRU RC HB HOSE BIBB CO CLEAN-OUT CW COLD WATER PI HW HOT WATER PI FD FLOOR DRAIN HD HUB DRAIN EWH ELECTRIC WATE	PIPING PING PIPING PING PING ER HEATER
	12"0' 5' 10' 15' 20' NORTH SCALE: 1/8"=1'-0" M.V. CUMMIN G501 ARLINGTON E JACKSONVILLE, FLC CERT. NO. EE	GS ENGINEERS, INC. N G ENGINEERS, INC. ENGINEERS XPRESSWAY, SUITE B-211 RIDA 32211 724-0660 G-3403 JOB NO. 19067 DRAWING NO.
OL	BUILDING 7 WASTE PIPING PLAN	P-1 OF 5 P SHEFTS

07-01	CORRIDOR
07-01A	RESTROOM
07-01B	MECHANICAL
07-01C	MECHANICAL
07-02	PRIMARY CLASSROOM / STUDENT STORAGE
07-02A	RESTROOM
07-03	TEACHER PLANNING MATERIAL STORAGE
07-03A	MATERIAL STORAGE
07-03B	MATERIAL STORAGE
07-04	PRIMARY CLASSROOM / STUDENT STORAGE
07-04A	RESTROOM
07-05	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-06	VESTIBULE
07-06A	BOYS
07-06B	GIRLS
07-07	TEACHER PLANNING MATERIAL STORAGE
07-07A	MATERIAL STORAGE
07-07B	MATERIAL STORAGE
07-08	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-09	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-09A	RESTROOM
07-09B	MATERIAL STORAGE
07-09C	TEACHER PLANNING
07-10	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
07-10A	MATERIAL STORAGE
07-10B	
$\begin{bmatrix} 07 \\ 12 \end{bmatrix}$	
07-12	ROVS
07-12R	GIRI S
07-13	TEACHER PLANNING MATERIAL STORAGE
07-13A	MATERIAL STORAGE
07-13B	MATERIAL STORAGE
07-14	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-15	PRIMARY CLASSROOM / STUDENT STORAGE
07 - 15A	RESTROOM
07-16	TEACHER PLANNING MATERIAL STORAGE
07-16A	MATERIAL STORAGE
07-16B	MATERIAL STORAGE
07-17	PRIMARY CLASSROOM / STUDENT STORAGE
07-17A	RESTROOM
07-18	OFFICE 1
07-19	OFFICE 2
07-20	OFFICE 3
07-21	
07-21D	
07-22	
07-23	
01-24	
<u>VV</u>	
	SMUKE PARTITION

19067P2.DWG 04/13/20 @	2:01	PM							
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WRITTEN CONSENT OF R DEAN SCOTT ARCHITECT INC	DRAW	/N BY: <u>SHF</u>	CHECKED BY:	WCK	DATE: A	APRIL	13, 2020		

	0 1 0 1 0 1 0 1 0		07-10 07-10 07-10B	ZE "A" HAMMER RESTOR 1/2" 07-10A		
				M.V. CUMMING	S ENGINEERS, INC.	
	NORTH	SCALE: 1/8"=1'-0"		CONSULTIN 6501 ARLINGTON EXP JACKSONVILLE, FLORI TELEPHONE (904) 72 CERT. NO. EB-	I G E N G I N E E R S PRESSWAY, SUITE B-211 IDA 32211 24-0660 -3403 JOB NO. 19067	
DOL	BUILD	DING 7 WATI	ER PIPING I	PLAN	DRAWING NO. P-2 OF 5 P SHEETS	
	1					

08-01	CORRIDOR
08-01A	MECHANICAL
08-01B	MECHANICAL
08-01C	RESTROOM
08-02	ART
08-02A	MATERIAL STORAGE
08-02B	PROJECT STORAGE
08-03	PRIMARY CLASSROOM / STUDENT STORAGE
08-03A	RESTROOM
08-04	TEACHER PLANNING MATERIAL STORAGE
08-04A	MATERIAL STORAGE
08-04B	MATERIAL STORAGE
08-05	PRIMARY CLASSROOM / STUDENT STORAGE
08-05A	RESTROOM
08-06	PRIMARY CLASSROOM / STUDENT STORAGE
08-06A	RESTROOM
08-07	TEACHER PLANNING MATERIAL STORAGE
08-07A	MATERIAL STORAGE
08-07B	MATERIAL STORAGE
08-08	PRIMARY CLASSROOM / STUDENT STORAGE
08-08A	RESTROOM
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
08-09A	RESTROOM
08-09B	TEACHER PLANNING
08-10	MATERIAL STORAGE
08-11	ELECTRICAL SYSTEMS
08-12	ELECTRICAL SMOKE PARTITION
20-01	RESTROOM
20-02	MECHANICAL
20-03	RESTROOM
08-13 WA	CUSTODIAL LL LEGEND

- P-1 WATERCLOSET (FLOOR MTD., FLUSH VALVE) KOHLER MODEL K-4303-0-ET WITH K-4562 BOLT CAPS, BEMIS MODEL 1955CT (OPEN FRONT) BLACK SOLID PLASTIC SEAT WITH CHECK HINGE AND SLOAN ROYAL WES-111-1.6/1.1-CPH (CODE 3720017) FLUSH VALVE. FLANGES SHALL BE PVC WITH STAINLESS STEEL RING ANCHORED TO CONCRETE.
- P-1A WATERCLOSET (A.D.A., FLOOR MTD., FLUSH VALVE) KOHLER MODEL K-4304-0-ET 18" HIGH BOWL, BEMIS MODEL 1955CT BLACK SOLID PLASTIC SEAT WITH CHECK HINGE, K-4562 BOLT CAPS AND SLOAN ROYAL FLUSH VALVE SAME AS P-1. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED AT WIDE SIDE OF TOILET AREA AT 44" MAX. FLANGES SHALL BE PVC WITH STAINLESS STEEL RING ANCHORED TO CONCRETE.
- P-2 LAVATORY (WALL HUNG, METERED FCTS.) KOHLER MOD. K-2867 W/ CHICAGO MOD. 802-V665-ABCP FCT. WITH PUSH HANDLES-SET AT 10 SECONDS, GRID STRAINER DRAIN WITH TAILPIECE AND BOCA FLOW REGULATORS FOR 1/2" GPM, K-7664 ANGLE STOPS WITH LOOSE KEYS, ANNEALED CHROME PLATED VERTICAL COPPER SUPPLY TUBES AND K-8998 1-1/4" P-TRAP AND TUBING OUTLET. MOUNT TOP OF BASIN AT 34" A.F.F., PROVIDE TRUEBRO MODEL #102W INSULATION KIT.
- P-3 SINK (A.D.A., SIDE MOUNT) JUST MODEL HCRA-1923-A-GR, 19"X23"X 6-1/2", SINGLE COMPARTMENT. SINK SHALL BE FABRICATED OF 18 GAUGE, TYPE 302 STAINLESS STEEL WITH THE INTERIOR AND TOP SURFACES POLISHED AND THE UNDERSIDE OF THE BOWL SOUND DEADENED. SINK SHALL BE PROVIDED AND DRILLED FOR THE FOLLOWING: A. T & S MODEL B-0305, COLD WATER ONLY FAUCET. B. KOHLER MOD. K-8801, 1-1/2" BASKET STRAINER W/ TAILPIECE. C. KOHLER MOD. K-9000, 1-1/2" P-TRAP AND TUBING OUTLET. D. KOHLER MOD. K-7664, LOOSE KEY STOPS AND VERTICAL SUPPLY TUBES. E. ELKAY MODEL LK-1141 BUBBLER.
- P-4 ELECTRIC WATER COOLER (WALL HUNG, BI-LEVEL A.D.A.) ELKAY MODEL EMABFTL8LC, STAINLESS STEEL FINISH. BUBBLER HEIGHTS AT 36" AND 42" A.F.F.
- P-5 MOP BASIN (CORNER, FLR. TYPE) FIAT MOD. TSBC-1610 WITH 889-CC, 832-AA ACCESSORIES. PROVIDE CHICAGO MODEL 897-RCF.
- P-6 EMERGENCY SHOWER/EYEWASH, A.D.A.- HAWS MOD. 8300. SHOWER HEAD: ABS PLASTIC IN "FIRST AID" GREEN MODEL 8129. VALVE: INSTANT ACTION ROUGH CHROME PLATED BRASS BALL VALVE OPERATED BY RIGID PULL ROD W/ TRIANGULAR HANDLE. STANDARD: 1-1/4" GALVANIZED PIPE W/ 9" FLOOR FLANGE. EYEWASH: CÓRROSION RESISTANT STAINLESS STEEL BOWL W/ TWIN BUNA N COVERED W/ ABS PLASTIC PATENTED SOFT FLOW ANTI-SURGE HEADS. INSTANT-ACTION, STAY OPEN BRASS BALL VALVE WITH FOOT TREADLE OPERATION. STAYS OPEN UNTIL MANUALLY CLOSED.
- P-7 SINK (22X33 DOUBLE) JUST MODEL DL-ADA-2233-A-GR 33" LEFT TO RIGHT BY 22" FRONT TO REAR BY 6-1/2" DEEP DOUBLE COMPARTMENT. SINK SHALL BE FABRICATED OF 18 GAUGE, TYPE 302 STAINLESS STEEL WITH INTERIOR AND TOP SURFACES POLISHED AND THE UNDERSIDE OF THE BOWLS SOUND DEADENED. SINK SHALL BE PROVIDED FOR THE FOLLOWING ACCESSORY ITEMS: A. T & S MODEL B-2865-04 W/ 4" WRIST HANDLES AND GOOSENECK SPOUT. A.D.A. B. JUST MOD. J35GS STAINLESS STEEL CUP STRAINER W/ C.P. TAILPIECE. C. KOHLER MOD. K-7664 ANGLE STOPS WITH LOOSE KEYS. D. ANNEALED C.P. VERTICAL COPPER SUPPLY TUBES. E. PROVIDE CLAY TRAP EQUAL TO WADE 5750. F. C.P. 17 GAUGE BRASS CONTINUOUS WASTE.
- 4"FD- SIOUX CHIEF MODEL NO. 832-4DNR-V CAST IRON FLOOR DRAIN W/ FLANGE, AND 1/2" TRAP PRIMER CONNECTION. TRAP PRIMER SHALL BE INSTALLED ON COLD WATER SUPPLY SERVING SINK IN SAME ROOM OR NEAREST SINK AVAILABLE.
- HB- HOSE BIBB CHICAGO MODEL NO. 387 OR 387LF (AS APPLICABLE) WITH E27 IN-LINE BACKFLOW PREVENTER AND REMOVABLE TEE HANDLE.
- WH- WOODFORD MODEL B24 SERIES HOSE BIBB W/ VACUUM BRKR. ENCLOSED IN LOCKABLE FLUSH MOUNTED WALL BOX.

2:00	PM							
1 NO. DRAW	ADDENDUN	1 NO.1 REVISION CHECKED BY: \	WCK DATI	SHF PREP BY	06.15.2020 DATE 13, 2020		R.DEAN S ARCHITECT	CO . IN
	2:00	2:00 PM 1 ADDENDUN NO. DRAWN BY: <u>SHF</u>	2: 00 PM 1 ADDENDUM NO.1 NO. REVISION DRAWN BY: SHF CHECKED BY: 1	2: 00 PM 1 ADDENDUM NO.1 NO. REVISION DRAWN BY: SHF CHECKED BY: WCK DATE	2:00 PM	2: 00 PM 2: 00 PM 1 ADDENDUM NO.1 NO. REVISION PREP BY DATE DRAWN BY: <u>SHF</u> CHECKED BY: WCK DATE: <u>APRIL 13, 2020</u>	2: 00 PM 2: 00 PM 1 ADDENDUM NO.1 NO. REVISION REVISION PREP BY DATE DRAWN BY: <u>SHF</u> CHECKED BY: WCK DATE: <u>APRIL 13, 2020</u>	2:00 PM 2:00 PM ADDENDUM NO.1 NO. REVISION DRAWN BY: <u>SHF</u> CHECKED BY: WCK DATE: <u>APRIL 13, 2020</u> ARCHITECT

BLDG. 20 WASTE PIPING PLAN

126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450 W E B S I T E : WWW.RDEANSCOTT.COM LICENSE NO. AA COOO302

08-01	CORRIDOR
08-01A	MECHANICAL
08-01B	MECHANICAL
08-01C	RESTROOM
08-02	ART
08-02A	MATERIAL STORAGE
08-02B	PROJECT STORAGE
08-03	PRIMARY CLASSROOM / STUDENT STORAGE
08-03A	RESTROOM
08-04	TEACHER PLANNING MATERIAL STORAGE
08-04A	MATERIAL STORAGE
08-04B	MATERIAL STORAGE
08-05	PRIMARY CLASSROOM / STUDENT STORAGE
08-05A	RESTROOM
08-06	PRIMARY CLASSROOM / STUDENT STORAGE
08-06A	RESTROOM
08-07	TEACHER PLANNING MATERIAL STORAGE
08-07A	MATERIAL STORAGE
08-07B	MATERIAL STORAGE
08-08	PRIMARY CLASSROOM / STUDENT STORAGE
08-08A	RESTROOM
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
08-09A	RESTROOM
08-09B	TEACHER PLANNING
08-10	MATERIAL STORAGE
08-11	ELECTRICAL SYSTEMS
08-12	ELECTRICAL
20-01	REGRARTITION
20-02	MECHANICAL
20-03	RESTROOM
08-13	
<u>vv</u>	

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TT 126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450				
YULEE, FLORIDA VILEE, FLORIDA LICENSENO. AA COOO302 Wayne C. Kelly, P.E.	TT IC.	126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM LICENSE NO. AA C000302	SEAL Wayne C., Kelly, P.E.	CLASSROOM BUILDING ADDITIONS WILDLIGHT ELEMENTARY SCHC YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
0	LED FIXTURE, CEILING MOUNTED
	LED FIXTURE, CEILING MOUNTED CONNECTED TO EMERGENCY CIRCUIT
	LED STRIP FIXTURE, CEILING MOUNTED
⊨ y =	LED STRIP FIXTURE, CEILING MOUNTED CONNECTED TO EMERGENCY CIRCUIT
	LED FIXTURE, CEILING OR WALL MOUNTED
Q	LED FIXTURE, WALL MOUNTED
Y	LED FIXTURE, WALL MOUNTED, CONNECTED TO EMERGENCY CIRCUIT
\odot	EXIT LIGHT. CEILING MOUNTED CONNECTED TO EMERGENCY CIRCUIT
₩	AND DIRECTIONAL ARROWS IF APPLICABLE
$\overline{\otimes}$	EXIT LIGHT, WALL MOUNTED CONNECTED TO EMERGENCY CIRCUIT AND DIRECTIONAL ARROWS IF APPLICABLE
S,S ³ ,S ⁴	SWITCH, THREE WAY AND FOUR WAY RESPECTIVELY, 4'-0" TO TOP AFF.
s ^D ,s ^M	SWITCH, DIMMER SWITCH AND MOTOR SWITCH RESPECTIVELY, $4'-0"$ to top AFF.
S ^O	SWITCH, VACANCY SENSOR TYPE, PROGRAMMED FOR MANUAL—ON, 4'—O" TO TOP A.F.F., WATTSTOPPER, SENSOR SWITCH, GREENGATE OR EQUAL
sF	SWITCH, OCCUPANCY SENSOR TYPE, PROGRAMMED FOR AUTO-ON, DUAL RELAY FOR FAN/LIGHT CONTROL, 4'-0" TO TOP A.F.F., WATTSTOPPER, SENSOR SWITCH, GREENGATE OR EQUAL
SP	SWITCH, PILOT LIGHT TYPE, 4'-0" TO TOP AFF.
S [⊤]	SWITCH, 3 HR ROTARY TIMER TYPE, 4'-0" TO TOP AFF.
S A	OCCUPANCY SENSOR. CEILING MOUNT. LOW VOLTAGE DUAL TECHNOLOGY.
	PROGRAMMED FOR AUTO-ON, WITH RELAY POWER AND SLAVE PACK FOR HVAC CONTROL. WATTSTOPPER DT-300 OR EQUAL.
(VS)	VACANCY SENSOR, CEILING MOUNT, LOW VOLTAGE ULTRASONIC, PROGRAMMED FOR MANUAL—ON, WITH RELAY POWER PACK AND SLAVE PACK FOR HVAC CONTROL. WATTSTOPPER W—2000H OR EQUAL.
(DS)	DAY LIGHT SENSOR, CEILING MOUNT, 0—10VDC LOW VOLTAGE DIMMING CONTROLLER. WATTSTOPPER LS—301 OR EQUAL.
Φ	DUPLEX RECEPTACLE, 18" ABOVE FINISHED FLOOR
₩	QUADRUPLEX RECEPTACLE
Ψ Φ	DUPLEX RECEPTACLE. MOUNTED IN CONCEALED SERVICE FLOOR BOX
	DUPLEX RECEPTACLE, MOUNTED ABOVE CEILING
<u>م</u>	SPECIAL PURPOSE RECEPTACLE, TYPE AS INDICATED
$ \Phi^{GFI} $	GROUND FAULT CIRCUIT INTERRUPTER TYPE DUPLEX RECEPTACLE, 18" ABOVE FINISHED FLOOR
$ \Phi^{G} $	DUPLEX RECEPTACLE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTER CIRCUIT BREAKER, 18" ABOVE FINISHED FLOOR
\odot	CEILING CORD DROP OUTLET, SEE DETAIL ON DRAWING E-11
	PANELBOARD, 208V
	PANELBOARD, 480V
	DUCT HEATER
J	JUNCTION BOX
R	RELAY
©	ELECTRICAL CONNECTION
	NON-FUSED DISCONNECT SWITCH, SIZED TO MATCH FEEDER
<u></u> 120 ⊠	FUSED DISCONNECT SWITCH WITH FUSE SIZE INDICATED
	COMBINATION MAGNETIC MOTOR STARTER, W/ HOA SWITCH
	MANUAL MOTOR STARTER
	ENCLUSED COMBINATION VARIABLE FREQUENCY DRIVE
	TRANSFORMER

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R DEAN SCOTT ARCHITECT INC							

ABBR	
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SYMBOL	DESCRIPTION	
\downarrow_{3}	DATA OUTLET WITH 1" CONDUIT TURNED OUT ABOVE CEILING AND MINIMUM (1) CAT. 6 RJ-45 JACK AND CAT. 6 CABLE TO IDF. 18" TO CENTER AFF UNLESS NOTED OTHERWISE. NUMBER INIDCATES QUANTITY OF CAT. 6 RJ-45 JACKS AND CAT. 6 CABLES TO DISTRIBUTION FRAME.	AFF AHU CHH FF
\square_2	DATA OUTLET IN CONCEALED SERVICE FLOOR BOX COMBINED WITH POWER NUMBER INIDCATES QUANTITY OF CAT. 6 RJ-45 JACKS AND CAT. 6 CABLES TO DISTRIBUTION FRAME.	EHD EMCS
WAP	WIRELESS ACCESS POINT. CAT. 6 DATA CABLE ABOVE CEILING, 10' COIL, TERMINATED WITH CAT. 6 RJ-45 PLUG. ROUTE CABLE TO MDF OR IDF.	EMH EWC
$\overline{\mathbf{v}}_{\overline{3}}$	CAT. 6 DATA CABLE ABOVE CEILING, 10' COIL, TERMINATED WITH CAT. 6 RJ—45 PLUG. ROUTE CABLE TO MDF OR IDF. NUMBER INDICATES QUANTITY GREATER THAN 1.	EWH FACP FARP
\mathbf{V}	STANDARD DATA OUTLET AS ABOVE MOUNTED 6" TO CENTER ABOVE TOP OF COUNTER OR BACK SPLASH WHEN PRESENT.	FATC FO FOWTP
	INTERCOM CALL IN SWITCH WALL MOUNTED 48" TO TOP AFF	GFI HP ICP
S	INTERCOM SPEAKER, CEILING MOUNTED	IMP ITP
Ş	INTERCOM SPEAKER, WALL MOUNTED	IDF
E3 T	MEDIA/SOUND SYSTEM OUTLET BOX, 2" x 4" DEEP BOX, WITHOUT PLASTER RING, AND 1" CONDUIT TURNED OUT ABOVE CEILING. MOUNT AT 30" TO CENTER ABOVE FINISHED FLOOR, UNO. SEE "MEDIA OUTLET LOCATION DETAIL".	LAN LCU MDF PW
Ę	FIRE ALARM PULL STATION, 4'-0" TO TOP AFF.	RGSC
	FIRE ALARM HORN/STROBE, 80" TO BOTTOM AFF	TDB TGB
	FIRE ALARM STROBE, 80" TO BOTTOM AFF	
$\overline{\mathbf{A}}$	FIRE ALARM SPEAKER/STROBE, 80" TO BOTTOM AFF	212
	FIRE ALARM DUCT SMOKE DETECTOR - SUPPLY	
R	FIRE ALARM INTERLOCK RELAY (SHUTS DOWN A.C. ON ALARM)	
S	FIRE ALARM SMOKE DETECTOR	
$\langle H \rangle$	FIRE ALARM HEAT DETECTOR, CEILING MOUNTED	
FS	WATER FLOW SWITCH	
TS	TAMPER SWITCH	
X SV	SOLENOID VALVE	
SD	FIRE/SMOKE DAMPER OR SMOKE DAMPER WITH FACTORY INSTALLED SMOKE DETECTOR MONITORED BY FIRE ALARM SYSTEM	<u>GENERAL</u>
1	TELECOMMUNICATION GROUND BUSS	1 ALL ELECTR CODE, NFPA AND SECTIO
$\overline{}$	CONDUIT, CONCEALED ABOVE CEILING OR IN WALL CONDUIT, UNDERGROUND OR UNDER FLOOR	2. ALL ELECTR
	CONDUIT, EXPOSED	3. THE ELECTR DISCONNECT
e	CONDUTT WITH UN-SWITCHED EMERGENCY WIRING, CONCEALED OR EXPOSED AS REQUIRED LOW VOLTAGE PLENUM CABLE FOR LIGHTING CONTROL	SEPARATE F CONTRACTO SUPPLY FAN
	HOMERUN – HASH MARKS INDICATE NUMBER OF CONDUCTORS, #12 AWG IN 1" CONDUIT. SIZE CONDUIT FOR CONDUCTORS	4. PROVIDE PL GRADE.
A-3,3,7	NOT INDICATED. LETTER AND NUMBER INDICATES PANEL AND	5. PROVIDE BL
	CIRCUIT NUMBER. EACH PHASE SHALL HAVE A SEPARATE NEUTRAL. EACH CIRCUIT SHALL HAVE A SEPARATE GROUND.	6. PROVIDE GA
-UC	DUCTBANK, UNDERGROUND COMMUNICATIONS	DISCONNECT
-UE-UE-	DUCTBANK, UNDERGROUND SECONDARY ELECTRIC	7. THE ELECTR

- COST TO THE OWNER.
- THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY LARRY M CARNEY, PE USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE: 904 - 598 - 0072 FACSIMILE: 904 - 598 - 0450 NC. WEBSITE: WWW.RDEANSCOTT.COM LICENSE NO. AA COOO302

CLASSROOM BUILDING ADDITIONS

WILDLIGHT ELEMENTARY SCHOO

YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

REVIATIONS

ABOVE FINISHED FLOOR AIR HANDLING UNIT COMUNICATION HAND HOLE EXHAUST FAN ELECTRIC HAND DRYER ENERGY MANAGEMENT AND CONTROL SYSTEM ELECTRIC MAN HOLE ELECTRIC WATER COOLER ELECTRIC WATER HEATER FIRE ALARM CONTROL PANEL FIRE ALARM REMOTE PANEL FIRE ALARM TERMINAL CABINET FIBER OPTIC FIBER OPTIC/WIRE TRANSCIEVER PANEL GROUND FAULT CIRCUIT INTERRUPTER HORSE POWER INTERCOM CLIENT PANEL INTERCOM MASTER PANEL INTERCOM TERMINAL PANEL INTERMEDIATE DISTRIBUTION FRAME (LAN) LOCAL AREA NETWORK LOCAL CONTROL UNIT MAIN DISTRIBUTION FRAME (LAN) PULL WIRE RIGID GALVANIZED STEEL CONDUIT SURGE PROTECTIVE DEVICE TELEPHONE/DATA BOARD TELECOMMUNICATION GROUND BUSS TRANSIENT VOLTAGE SURGE SUPPRESSOR WEATHERPROOF ROOM NUMBER

ELECTRICAL NOTES:

······ RICAL WORK SHALL BE PERFORMED ACCORDING TO THE NATIONAL ELECTRICAL 70, 2014 EDITION AND THE FLORIDA BUILDING CODE, SIXTH EDITION (2017), ON 553.80 F.S.

RICAL MATERIALS SHALL BEAR A UL LABEL.

RICAL CONTRACTOR SHALL PROVIDE (MEANING FURNISH AND INSTALL) ELECTRICAL TS, FUSED OR NON-FUSED, AND MOTOR STARTERS OR VFDS, COMBINATION OR FOR ALL AIR HANDLING UNITS, PUMPS AND PLUMBING EQUIPMENT. THE ELECTRICAL OR SHALL PROVIDE MOTOR STARTERS OR CONTACTORS FOR ALL EXHAUST AND ANS. DISCONNECTS FOR FANS SHALL BE PROVIDED WITH FANS.

PLASTIC WARNING TAPE OVER ALL BURIED ELECTRICAL LINES AT 6" BELOW FINISHED

LANK PLATES ON ALL OUTLET BOXES PROVIDED FOR FUTURE DEVICES.

ALVANIZED STEEL PIPE OR CHANNEL TO CONSTRUCT EQUIPMENT SUPPORTS WHERE TS OR STARTERS CAN NOT BE WALL MOUNTED.

RICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR TO DETERMINE THE NAMEPLATE RATINGS OF ALL INSTALLED MECHANICAL EQUIPMENT. EQUIPMENT CIRCUITS INCLUDING BUT NOT LIMITED TO CONDUIT, WIRE, DISCONNECTS, FUSES AND CIRCUIT BREAKERS SHALL BE ADJUSTED TO MATCH THE NAMEPLATE RATINGS AT NO ADDITIONAL

8. FIRE ALARM CONSTRUCTION SHALL BE IN ACCORDANCE WITH NFPA 72 2013 EDITION, AND FLORIDA FIRE PREVENTION CODE SIXTH EDITION (2017) INCLUDING NFPA 101 2015 FLORIDA EDITION.

DRAWING NO.

E-1

JOB NO. 1906

ARLINGTON EXPRESSWAY, SUITE B-211

724-0660

FPHONE (904)

OL	ELECTRICAL LEGEND AND NOTES	

OF 27 E SHEETS

07-01	CORRIDOR
)7-01A	RESTROOM
7-01B	MECHANICAL
)7-01C	MECHANICAL
07 - 02	PRIMARY CLASSROOM / STUDENT STORAGE
7 - 02A	RESTROOM
07-03	TEACHER PLANNING MATERIAL STORAGE
7-03A	MATERIAL STORAGE
7-03B	MATERIAL STORAGE
07-04	PRIMARY CLASSROOM / STUDENT STORAGE
)7-04A	RESTROOM
07-05	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-06	VESTIBULE
07-06A	BOYS
07-06B	GIRLS
07-07	TEACHER PLANNING MATERIAL STORAGE
07-07A	MATERIAL STORAGE
07-07B	MATERIAL STORAGE
07-08	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-09	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-09A	RESTROOM
07-09B	MATERIAL STORAGE
07-09C	TEACHER PLANNING
07-10	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
07-10A	MATERIAL STORAGE
07-10B	RESTROOM
07-11	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-12	VESTIBULE
07-12A	BOAS
07 12	
07-13	
07-13R	
07-14	
07-14	PRIMARY CLASSROOM / STUDENT STORAGE
07-154	RESTROOM
07-16	
07-16A	
07-16B	MATERIAL STORAGE
07-17	PRIMARY CLASSROOM / STUDENT STORAGE
07-17A	RESTROOM
07-18	OFFICE 1
07-19	OFFICE 2
07-20	OFFICE 3
07-21	CUATODIAL
07-21D	MECHANICAL
07-22	ELECTRICAL SYSTEMS
07-23	ELECTRICAL
07-24	MECHANICAL
\ \\\/	ALL LEGEND
<u></u>	

NOTES:

- 1. PROVIDE JUNCTION BOX ON ROOF STRUCTURE AT CENTER OF ROOM WITH QUADRUPLEX OUTLET ON 6' METAL CLAD CABLE FOR ATTACHMENT TO AUDIO AMPLIFICATION SYSTEM BY OTHERS. PROVIDE 1-1/2" X 1-1/2"
- AT CENTERLINE OF MARKER BOARD.

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WRITTEN CONSENT OF R. DEAN SCOTT, ARCHITECT, INC.	DRAW	/N BY: <u>LMC</u>	CHECKED BY: LMC	DATE: <u>AP</u>	RIL 13, 2020			

ROOI	MS
08-01	CORRIDOR
08-01A	MECHANICAL
08-01B	MECHANICAL
08-01C	RESTROOM
08-02	ART
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08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
08-09A	RESTROOM
08-09B	TEACHER PLANNING
08-10	MATERIAL STORAGE
08-11	ELECTRICAL SYSTEMS
08-12	ELECTRICAL
08-13	CUSTODIAL
<u>W</u> .	SMOKE PARTITION

NOTES:

- 1. PROVIDE JUNCTION BOX AT PROJECTOR LOCATION WITH QUADRUPLEX OUTLET ON 6' METAL CLAD CABLE FOR ATTACHMENT TO PROJECTOR MOUNT BY PROJECTOR INSTALLER. PROVIDE 1-1/2" X 1-1/2" STEEL CHANNEL SPANNING ROOF JOIST, AS REQUIRED TO SUPPORT JUNCTION BOX.
- 2. PROVIDE SURFACE MOUNT DUPLEX RECEPTACLE AT 6" ABOVE FINISHED CEILING AT CENTERLINE OF MARKER BOARD.
- 3. EMERGENCY FEEDER ENCLOSED CIRCUIT BREAKER, 2 POLE, 20A, 277/480V, 1Ø, 3W.

19067E4R1.DWG 06/16/20) @ 2:3	8 PM								
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ROOI	MS			
07-01	CORRIDOR			
07-01A	RESTROOM			-1
07-01B	MECHANICAL			AHU7–1
07-01C	MECHANICAL			
07-02	PRIMARY CLASSROOM / STUDENT STORAGE		0/A AHU7–1	
07-02A	RESTROOM			EMCS PN
07-03	TEACHER PLANNING MATERIAL STORAGE			300VA E
07-03A	MATERIAL STORAGE			
07-03B	MATERIAL STORAGE			
07-04	PRIMARY CLASSROOM / STUDENT STORAGE			
07-04A	RESTROOM			
07-05	INTERMEDIATE CLASSROOM / STUDENT STORAGE			
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07-07	TEACHER PLANNING MATERIAL STORAGE			
07-07A	MATERIAL STORAGE			
07-07B	MATERIAL STORAGE			
07-08	INTERMEDIATE CLASSROOM / STUDENT STORAGE			EF7
07-09	INTERMEDIATE CLASSROOM / STUDENT STORAGE			
07-09A	RESTROOM			
07-09B	MATERIAL STORAGE			
07-09C	TEACHER PLANNING			
07-10	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE		07-02	
07-10A	MATERIAL STORAGE			
07-10B	RESTROOM			
07-11	INTERMEDIATE CLASSROOM / STUDENT STORAGE			
07-12	VESTIBULE			
07-12A	BOYS			
07-12B	GIRLS			
07-13	TEACHER PLANNING MATERIAL STORAGE			
07-13A	MATERIAL STORAGE			
07-13B	MATERIAL STORAGE		07-010	
07-14	INTERMEDIATE CLASSROOM / STUDENT STORAGE			
07-15	PRIMARY CLASSROOM / STUDENT STORAGE			
07-15A	RESTROOM			P
07-16	TEACHER PLANNING MATERIAL STORAGE			
07-16A	MATERIAL STORAGE		07–17	
07-16B	MATERIAL STORAGE			
07-17	PRIMARY CLASSROOM / STUDENT STORAGE			
07-17A	RESTROOM			
07-18				
07-19				
07-20				
07_21				
07-21U				EF7
07-22				
07-24	MECHANICAI			
<u> </u>				
<u>vvr</u>			C •	
	SMOKE PARTITION		UDE MOTOR CONTACTORS	AND REQUIRED WIRING
		WITH	H EMCS CONTRACTOR TO C	ONNECT AND CONTROL
		WITH	HAND-OFF-AUTO SWITCH	, 120/208V,2P. ELECTE
			RING BUILDING OCCUPANCY.	MMED TO OPERATE EXP
		2. TO	CONTACTOR LOCATED IN EL	ECTRIC ROOM.
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ARE INSTRUME SHALL REMA R. DEAN SCOT	IN PROPERTY OF T, ARCHITECT, INC.		K DE	AIN JUU
AND SHALL FOR ANY OT	NOT BE USED /1 ADDENDUM NO. 1		ARCHI	TECT, IN

PROJECT WITHOUT EXPRESS

WRITTEN CONSENT OF DRAWN BY: LMC CHECKED BY: LMC DATE: APRIL 13, 2020

08-01	CORRIDOR
08-01A	MECHANICAL
08-01B	MECHANICAL
08-01C	RESTROOM
08-02	ART
08-02A	MATERIAL STORAGE
08-02B	PROJECT STORAGE
08-03	PRIMARY CLASSROOM / STUDENT STORAGE
08-03A	RESTROOM
08-04	TEACHER PLANNING MATERIAL STORAGE
08-04A	MATERIAL STORAGE
08-04B	MATERIAL STORAGE
08-05	PRIMARY CLASSROOM / STUDENT STORAGE
08-05A	RESTROOM
08-06	PRIMARY CLASSROOM / STUDENT STORAGE
08-06A	RESTROOM
08-07	TEACHER PLANNING MATERIAL STORAGE
08-07A	MATERIAL STORAGE
08-07B	MATERIAL STORAGE
08-08	PRIMARY CLASSROOM / STUDENT STORAGE
08-08A	RESTROOM
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
08-09A	RESTROOM
08-09B	TEACHER PLANNING
08-10	MATERIAL STORAGE
08-11	ELECTRICAL SYSTEMS
08-12	ELECTRICAL
08-13	CUSTODIAL
W	
	SMUKE PARTITION

NOTES:

- DURING BUILDING OCCUPANCY.
- 2. TO CONTACTOR LOCATED IN ELECTRIC ROOM.

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W R I T T E N C O N S E N T O F R. DEAN SCOTT, ARCHITECT, INC.	DRAW	им вү: <u>LMC</u>	CHECKED BY: LMC	DATE: A	PRIL	13, 2020	

0/A AHU8-1

- 20-02 MECHANICAL
- RESTROOM 20-03

NOTES: PROVIDE A WALL MOUNTED MINI UNIT SUBSTATION WITH PANEL "20P", 15.0KVA, 480-120/240V, 1ø, 3W, 24-1 POLE BRANCH SPACES. PROVIDE DRIVEN GROUND ROD PER NEC AND SPECIFICATIONS.
 PROVIDE 1" CONDUIT WITH FIRE ALARM CABLE AS REQUIRED TO BUILDING 7 FACP WITH SURGE PROTECTION AT BOTH ENDS OF CABLES.

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FOR ANY OTHER PROJECT OR FOR AN EXTENSION OF THIS PROJECT WITHOUT EXPRESS W R I T T E N C O N S E N T O F R. DEAN SCOTT. ARCHITECT. INC.	NO.	vn вү: <u>LMC</u>	REVISION CHECKED BY: LMC	DATI	PREP BY	DATE 13, 2020	ARCHI	LTE(СΤ,	11

	PANEL "20P" (10KVA UNIT SUBSTATION)										
120/2 80A	120/240V,1ø, 3W, SNSURFACE MOUNTE80A MCB, 18K AIRBOLT-ON BR										
CKT. NO.	POLE	TRIP	VOLT AMP	REMARKS	CKT. NO.	POLE	TRIP	VOLT AMP	REMARKS		
1	1	20	780	RECPT. MECH RM., EWC	2	1	20	578	LTG. & EFs		
3	1	20	1800	IWH	4	1	20	1800	IWH		
5	1	20		SPARE	6	1	20		SPARE		
7	2]	20	3300	UNIT HEATER UH-1	8	2	15	1840	SNAITARY LIFT STATIO		
9	J				10	J					
11	1			BLANK SPACE	12	1			BLANK SPACE		
13	1			BLANK SPACE	14	1			BLANK SPACE		
15	1			BLANK SPACE	16	1			BLANK SPACE		
17	1			BLANK SPACE	18	1			BLANK SPACE		
18	1			BLANK SPACE	20	1			BLANK SPACE		
20	1			BLANK SPACE	22	1			BLANK SPACE		
22	1			BLANK SPACE	24	1			BLANK SPACE		
ΤΟΤΑΙ		ECTED L	$_{-OAD} = 10,0$	098 VOLT AMPS							

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AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON

126 W. ADAMS STREET, SUITE 602 JACKSONVILLE, FLORIDA 32202 TELEPHONE:904-598-0072 NC. FACSIMILE: 904 - 598 - 0450 WEBSITE: WWW.RDEANSCOTT.COM LICENSE NO. AA C000302

CLASSROOM BUILDING ADDITIONS

WILDLIGHT ELEMENTARY SCHOOL

YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

07-01	CORRIDOR
07-01A	RESTROOM
07-01B	MECHANICAL
07-01C	MECHANICAL
07-02	PRIMARY CLASSROOM / STUDENT STORAGE
07 - 02A	RESTROOM
07-03	TEACHER PLANNING MATERIAL STORAGE
07-03A	MATERIAL STORAGE
07-03B	MATERIAL STORAGE
07-04	PRIMARY CLASSROOM / STUDENT STORAGE
07-04A	RESTROOM
07-05	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-06	VESTIBULE
07-06A	BOYS
07-06B	GIRLS
07-07	TEACHER PLANNING MATERIAL STORAGE
07-07A	MATERIAL STORAGE
07-07B	MATERIAL STORAGE
07-08	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-09	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-09A	RESTROOM
07-09B	MATERIAL STORAGE
07-09C	TEACHER PLANNING
07-10	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
07-10A	MATERIAL STORAGE
07 - 10B	RESTROOM
07-11	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-12	VESTIBULE
07-12A	BOYS
07-12B	GIRLS
07-13	TEACHER PLANNING MATERIAL STORAGE
07-13A	MATERIAL STORAGE
07-13B	MATERIAL STORAGE
07-14	INTERMEDIATE CLASSROOM / STUDENT STORAGE
07-15	PRIMARY CLASSROOM / STUDENT STORAGE
07-15A	RESTROOM
07-16	TEACHER PLANNING MATERIAL STORAGE
07-16A	MATERIAL STORAGE
07-16B	MATERIAL STORAGE
07-17	PRIMARY CLASSROOM / STUDENT STORAGE
07-17A	RESTROOM
07-18	OFFICE 1
07-19	OFFICE 2
07-20	OFFICE 3
07-21	CUATODIAL
07-21D	
07-22	ELECTRICAL SYSTEMS
07-23	
07-24	MECHANICAL
WA	ALL LEGEND
	NUILS:

- 1. CONNECT ALL EXIT LIGHTS TO UNSWITCHED EMERGENCY CIRCUIT.

- TO EMERGENCY CIRCUIT AND PHOTOCELL CONTROLLED BY EMCS THROUGH CONTACTOR WITH HOA SWITCH LOCATED IN ELECTRIC ROOM. 4. ALL EXTERIOR FIXTURES SHALL BE PHOTOCELL CONTROLLED BY EMCS

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08-01	CORRIDOR
08-01A	MECHANICAL
08-01B	MECHANICAL
08-01C	RESTROOM
08-02	ART
08-02A	MATERIAL STORAGE
08-02B	PROJECT STORAGE
08-03	PRIMARY CLASSROOM / STUDENT STORAGE
08-03A	RESTROOM
08-04	TEACHER PLANNING MATERIAL STORAGE
08-04A	MATERIAL STORAGE
08-04B	MATERIAL STORAGE
08-05	PRIMARY CLASSROOM / STUDENT STORAGE
08-05A	RESTROOM
08-06	PRIMARY CLASSROOM / STUDENT STORAGE
08-06A	RESTROOM
08-07	TEACHER PLANNING MATERIAL STORAGE
08-07A	MATERIAL STORAGE
08-07B	MATERIAL STORAGE
08-08	PRIMARY CLASSROOM / STUDENT STORAGE
08-08A	RESTROOM
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
08-09A	RESTROOM
08-09B	TEACHER PLANNING
08-10	MATERIAL STORAGE
08-11	ELECTRICAL SYSTEMS
08-12	ELECTRICAL
08-13	CUSTODIAL
<u>W</u>	ALL LEGEND
	SMUKE PARTITION

NOTES:

- 1. CONNECT ALL EXIT LIGHTS TO UNSWITCHED EMERGENCY CIRCUIT.
- 2. ROUTE NORMAL SWITCHED CIRCUIT THROUGH RELAY UP TO TYPE "H" NON EMERGENCY FIXTURES ON PLATFORM.
- 3. ALL EXTERIOR EGRESS FIXTURES OVER DOORS SHALL BE CONNECTED TO EMERGENCY CIRCUIT AND PHOTOCELL CONTROLLED BY EMCS THROUGH CONTACTOR WITH HOA SWITCH LOCATED IN ELECTRIC ROOM.
- 4. ALL EXTERIOR FIXTURES SHALL BE PHOTOCELL CONTROLLED BY EMCS THROUGH CONTACTOR WITH HOA SWITCH LOCATED IN ELECTRIC ROOM.

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ROO	MS					
07-01	CORRIDOR		<u> </u>			
07-01A	RESTROOM		<u>р</u> Пр-н.	©	#-~	
07-01B	MECHANICAL					
07-01C	MECHANICAL					Ŷ
07-02	PRIMARY CLASSROOM / STUDENT STORAGE					
07-02A	RESTROOM					
07-03	TEACHER PLANNING MATERIAL STORAGE					
07-034	MATERIAL STORAGE					
07-03R	MATERIAL STORAGE					
07-04	PRIMARY CLASSROOM / STUDENT STORAGE					
07-04A	RESTROOM					
07-05	INTERMEDIATE CLASSROOM / STUDENT STORAGE					
07-06	VESTIBULE					
07-06A	BOXS					
07-06B	GIRLS					
07-07	TEACHER PLANNING MATERIAL STORAGE					
07-07A	MATERIAL STORAGE					` '
07-07B	MATERIAL STORAGE					
07-08	INTERMEDIATE CLASSROOM / STUDENT STORAGE					
07-09	INTERMEDIATE CLASSROOM / STUDENT STORAGE					
07-09A	RESTROOM					
07-09B	MATERIAL STORAGE				Ø	
07-09C	TEACHER PLANNING					
07-10	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE					07-03A
07 - 10A	MATERIAL STORAGE			\setminus		
07-10B	RESTROOM					
07-11	INTERMEDIATE CLASSROOM / STUDENT STORAGE					
07-12	VESTIBULE					0
07 - 12A	BOYS]
07-12B	GIRLS					
07-13	TEACHER PLANNING MATERIAL STORAGE		7			
07-13A	MATERIAL STORAGE					
07-13B	MATERIAL STORAGE					
07-14	INTERMEDIATE CLASSROOM / STUDENT STORAGE					
07-15	PRIMARY CLASSROOM / STUDENT STORAGE					ļ
07-15A	RESTROOM] [0.
07-16	TEACHER PLANNING MATERIAL STORAGE			07–17		
07-16A	MATERIAL STORAGE					
07-16B	MATERIAL STORAGE					
07-17	PRIMARY CLASSROOM / STUDENT STORAGE					07-16B
07-17A	RESTROOM			9		
07-18	OFFICE 1					
07-19	OFFICE 2				┝╶┾╌┥	
07-20	OFFICE 3	[
07-21	CUATODIAL					Ţ
07-21D)()_()	n () n ()		<u> </u>
07.22						
07-23						
01-24						

NOTES:

WALL LEGEND

— M — SMOKE PARTITION

1. CONNECT FLOW AND TAMPER SWITCHES AT FIRE SPRINKLER RISER.

- 2. PROVIDE REMOTE FIRE ALARM PANEL WITH FIBER OPTIC CONNECTION TO MAIN FIRE ALARM PANEL LOCATED IN BLDG. 2.
- 3. PROVIDE FIRE ALARM CONDUCTORS UP TO AND DOWN FROM PLATFORM EQUIPMENT.

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08-01	CORRIDOR
08-01A	MECHANICAL
08-01B	MECHANICAL
08-01C	RESTROOM
08-02	ART
08-02A	MATERIAL STORAGE
08-02B	PROJECT STORAGE
08-03	PRIMARY CLASSROOM / STUDENT STORAGE
08-03A	RESTROOM
08-04	TEACHER PLANNING MATERIAL STORAGE
08-04A	MATERIAL STORAGE
08-04B	MATERIAL STORAGE
08-05	PRIMARY CLASSROOM / STUDENT STORAGE
08-05A	RESTROOM
08-06	PRIMARY CLASSROOM / STUDENT STORAGE
08-06A	RESTROOM
08-07	TEACHER PLANNING MATERIAL STORAGE
08-07A	MATERIAL STORAGE
08-07B	MATERIAL STORAGE
08-08	PRIMARY CLASSROOM / STUDENT STORAGE
08-08A	RESTROOM
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
08-09A	RESTROOM
08-09B	TEACHER PLANNING
08-10	MATERIAL STORAGE
08-11	ELECTRICAL SYSTEMS
08-12	ELECTRICAL
08-13	CUSTODIAL
WA	ALL LEGEND
	SMOKE PARTITION

NOTES:

- 1. CONNECT FLOW AND TAMPER SWITCHES AT FIRE SPRINKLER RISER.
- 2. PROVIDE REMOTE FIRE ALARM PANEL WITH FIBER OPTIC CONNECTION TO MAIN FIRE ALARM PANEL LOCATED IN BLDG. 2.
- 3. PROVIDE FIRE ALARM CONDUCTORS UP TO AND DOWN FROM PLATFORM EQUIPMENT.

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W R I T T E N C O N S E N T O F R. DEAN SCOTT, ARCHITECT, INC.	DRAW	/N BY: <u>LMC</u>	CHECKED BY: LMC	DATE	E: <u>APRIL</u>	. 13, 2020		

[07-01	CORRIDOR
	07-01A	RESTROOM
	07-01B	MECHANICAL
	07-01C	MECHANICAL
	07-02	PRIMARY CLASSROOM / STUDENT STORAGE
[07-02A	RESTROOM
	07-03	TEACHER PLANNING MATERIAL STORAGE
[07-03A	MATERIAL STORAGE
[07-03B	MATERIAL STORAGE
	07-04	PRIMARY CLASSROOM / STUDENT STORAGE
	07-04A	RESTROOM
I	07-05	INTERMEDIATE CLASSROOM / STUDENT STORAGE
	07-06	VESTIBULE
	07-06A	BOYS
	07-06B	GIRLS
	07-07	TEACHER PLANNING MATERIAL STORAGE
	07-07A	MATERIAL STORAGE
	07-07B	MATERIAL STORAGE
	07-08	INTERMEDIATE CLASSROOM / STUDENT STORAGE
	07-09	INTERMEDIATE CLASSROOM / STUDENT STORAGE
	07-09A	RESTROOM
	07-09B	MATERIAL STORAGE
	07-09C	TEACHER PLANNING
	07-10	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE
	07 - 10A	MATERIAL STORAGE
	07-10B	RESTROOM
	07-11	INTERMEDIATE CLASSROOM / STUDENT STORAGE
	07-12	VESTIBULE
	07-12A	BOYS
	07-12B	GIRLS
	07-13	TEACHER PLANNING MATERIAL STORAGE
	07-13A	MATERIAL STORAGE
	07-13B	MATERIAL STORAGE
	07-14	INTERMEDIATE CLASSROOM / STUDENT STORAGE
	07-15	PRIMARY CLASSROOM / STUDENT STORAGE
	07-15A	RESTROOM
	07-16	TEACHER PLANNING MATERIAL STORAGE
	07-16A	MATERIAL STORAGE
	07-16B	MATERIAL STORAGE
	07-17	PRIMARY CLASSROOM / STUDENT STORAGE
	07-17A	RESTROOM
	07-18	OFFICE 1
	07-19	OFFICE 2
	07-20	OFFICE 3
	07-21	CUATODIAL
	07 - 21D	MECHANICAL
	07-22	ELECTRICAL SYSTEMS
	07-23	ELECTRICAL
	07-24	MECHANICAL
	WA	LL LEGEND
		SMOKE PARTITION

NOTES:

- 1. PROVIDE 3/4" x 8'0" PLYWOOD BACKBOARD FROM 6" AFF TO 8'-6" AFF ON INDICATED WALLS OF ROOM. PAINT BACKBOARD WITH CLASS C FINISH MATERIAL.
- 2. PROVIDE MEDIA SYSTEM OUTLET AT 30" TO CENTER ABOVE FINISHED FLOOR. PROVIDE 4" SQUARE DEEP OUTLET BOX WITH 1 GANG PLASTER RING AND 1" CONDUIT STUBBED OUT ABOVE CEILING. SEE MEDIA OUTLET LOCATION DETAIL ON THIS SHEET.
- 3. PROVIDE PROJECTOR 10'-0" COILED DATA DROP ABOVE CEILING AT CENTERLINE OF MARKER BOARD.
- 4. PROVIDE A TELECOMMUNICATIONS GROUND BAR (TGB). SEE DETAIL, SHEET E-14.
- 5. IDF 19" RACK(S). SEE SPECIFICATIONS FOR REQUIREMENTS.

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WRITTEN CONSENT OF R. DEAN SCOTT. ARCHITECT. INC.	DRAW	/N BY: <u>LMC</u>	CHECKED BY: LMC	DATE	: <u>APRIL</u>	13, 2020			

 $\frac{\text{BLDG. 7 FLOOR PLAN}}{\text{SCALE: 1/8" = 1'-0"}}$

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CLASSROOM BUILDING ADDITIONS

WILDLIGHT ELEMENTARY SCHOOL

YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

08-01	CORRIDOR	
08-01A	MECHANICAL	
08-01B	MECHANICAL	
08-01C	RESTROOM	
08-02	ART	
08-02A	MATERIAL STORAGE	
08-02B	PROJECT STORAGE	
08-03	PRIMARY CLASSROOM / STUDENT STORAGE	1
08-03A	RESTROOM	
08-04	TEACHER PLANNING MATERIAL STORAGE	
08-04A	MATERIAL STORAGE	
08-04B	MATERIAL STORAGE	
08-05	PRIMARY CLASSROOM / STUDENT STORAGE	
08-05A	RESTROOM	
08-06	PRIMARY CLASSROOM / STUDENT STORAGE	
08-06A	RESTROOM	
08-07	TEACHER PLANNING MATERIAL STORAGE	
08-07A	MATERIAL STORAGE	
08-07B	MATERIAL STORAGE	
08-08	PRIMARY CLASSROOM / STUDENT STORAGE	
08-08A	RESTROOM	
08-09	PRIMARY SKILLS DEVELOPMENT LAB / STUDENT STORAGE	
08-09A	RESTROOM	
08-09B	TEACHER PLANNING	
08-10	MATERIAL STORAGE	
08-11	ELECTRICAL SYSTEMS	
08-12	ELECTRICAL	
08-13	CUSTODIAL	
WA	ALL LEGEND	
	SMOKE PARTITION	

<u>NOTES:</u>

- 1. PROVIDE 3/4" x 8'0" PLYWOOD BACKBOARD FROM 6" AFF TO 8'-6" AFF ON INDICATED WALLS OF ROOM. PAINT BACKBOARD WITH CLASS C FINISH MATERIAL.
- 2. PROVIDE MEDIA SYSTEM OUTLET AT 30" TO CENTER ABOVE FINISHED FLOOR. PROVIDE 4" SQUARE DEEP OUTLET BOX WITH 1 GANG PLASTER RING AND 1" CONDUIT STUBBED OUT ABOVE CEILING. SEE MEDIA OUTLET LOCATION DETAIL ON THIS SHEET.
- 3. PROVIDE PROJECTOR 10'-0" COILED DATA DROP ABOVE CEILING AT CENTERLINE OF MARKER BOARD.
- 4. PROVIDE A TELECOMMUNICATIONS GROUND BAR (TGB). SEE DETAIL, SHEET E-14.
- 5. IDF 19" RACK(S). SEE SPECIFICATIONS FOR REQUIREMENTS.

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R DEAN SCOTT ARCHITECT INC			SHEEKED DT.			10, 2020				

RUUNS

BLDG. 8 FLOOR PLAN SCALE: 1/8" = 1'-0"

- THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY LARRY M CARNEY, PE USING A DIGITAL SIGNATURE
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CLASSROOM BUILDING ADDITIONS

WILDLIGHT ELEMENTARY SCHOOL

YULEE, FLORIDA RDSA PROJECT NO. D-19-14 NCSD PROJECT NO. 98950-24200

