Building 1 - Addition to Existing Multi-Purpose/Dining Addition to Existing Media Center

Building 9 - New Classroom Building

Fort Braden Florida

NOTES

- Division Director of Schools

- Division Director of Schools

Inches Jackson - Principal For Brades Enterestry

Inn Consoll - Chief of Facilities & Communities

Box Allerine - Disector of Construction

Box McConne - Politic of Schools

Ross Waters - Project Construction

Media Consour - Full Orday Program Special

John Median - Director of Sadies A Security

Steva Stalino - Director of Medianessee

Tablehouse Fire Dispotences



PROJECT CODE

27 FEBRUARY 2015

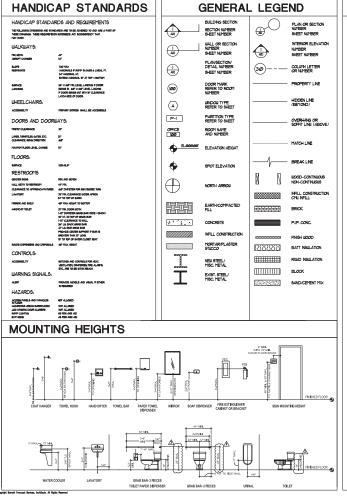
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LCSB - Fort Braden School New Classroom Building and Additions & Renovations Phase III Documents

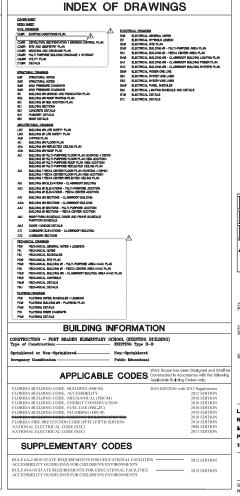
Tafahassee

t. Braden Project Number 40-14-HKL-38

SOUTH ADMIS ST., SALAHASSEE, FLORICA 323









PROJECT CODE

NOTES

27 FEBRUARY 2014 DATE

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INDEX
225 SOUTH ADMS ST., TALLAMSSEE, FLORIDA 32301
PHONE 850 224–6301 FAX 850 561–6978

The governing Code for this Project is the Florida Bullding Code, 2010 Edition with 2012 Supplement. This Code prescribes which adition of each referenced standard applies to this Project.

- To the best of our knowledge, the Structural Drawings and Specifications compty with the applicable requirements of the governing Building Code.
- The Structural Documents are to be used in conjunction with the Architectural Documents. Use these Notes in co Project Specifications. If a conflict exists, the more stringent governs.
- 5. See Project Specifications for testing.
- Details labeled "typical" apply to all situations that are the same or similar to those specifically referenced, wit in at each location. Questions regarding the applicability of typical details shall be resolved by the Architect.
- Contractors who discover discrepancies, emissions or variations in the Contract Documents during bidding shall immediately notify the Architect. The Architect will revolve the condition and issue a written derification.
- General Contractor shall coordinate all Contract Documents with field conditions and dimensions and Project Shep Drawin nationation. Do not scale drawings; use only printed dimensions. Report any discepancies in withing to the Architact prior in seeing with work. On our change size for bodden of succession of successions with missing size from the Structural Entire
- The Contractor shall protect adjacent property, his own work and the public from harm. The Contractor is solely responsible for construction means and methods, and jobe is safety including all OSHA requirements.
- 11. The Structure is designed to be structurally sound when completed. Prior to completion, the Contractor is responsible for temporary bracing, Instuding, but not Infled to, masonry walls. Wherever the Contractor is unsure of these requirements, Contractor shall retain a Planksia Licensed Engineer to design and the paper the temporary bracing and statility of the structure.

12. Design Superimpos	sed Loads:	
OCCUPANCY	LIVE LOAD	DEAD LOAD
Roof Cafeterla	20 psf	10 psf *
Roof Classroom WI	ing 20 psf	16 psf **
Classrooms	80 psf	5 psf
Public Areas	100 psf	5 paf
States	100 psf	5 psf
Storage	125 psf	5 psf
Mechanical or Elect	trical Room 125 per	10 pef
*Includes Steel Are	chitectural Roof, Insulatio	and 7 psf collateral load.
"* Includes Steel Ri	oof Deck but not Joists or	Beams,
Dealer considerate		

13. Design Wind Loads

ASCE7-10 V = 130 mph III Kd = 0.85 B Governing Code Basic Wind Speed Building Risk Category Directionality Factor

HOP DRAWINGS AND OTHER SUBMITTALS

- Refer to Division 1 of the Specifications for submittal procedures and requirements. Refer to the applicable specification sections for submitcal content requirements. Incomplete submittals will be returned without review.
- sommat commitment incompress scenarios and to recurrence various review.

 Solvent specific components, such as columns, footings, etc., in a stiple parkage, Submit stratur thore together.

 On first submittal, deally fleg and cloud all differences from the Contract Documents, On resubmittals, flag and cloud all changes and additions to previous submittal; only clouded thems will be referred.
- Submittals for special structural, lead-carrying items that are required by Codes or Standards to resist forces must be prepared by, or under the direct supervision of, a Delegated Engineer. Examples include Structural Light Gage Steel Framing, Extentor Enclosure Systems and Sharing and Resistance.
- The Trade Contractor is responsible for confirming and correlating dimensions at the job sites, for tolerances, clearances, quantities, tabitisation processes and techniques of construction, coordination of the work with other trades and full compliance with the Contract Documents.
- The General ContractonConstruction Manager shall review and approve submittals and shall sign and date each drawing prior to submittility to the Architect. This approval is to confirm that the Submittal is complete, complete with the Submittal Requirements and is contributed with field dimensions, other trades, exception sequencing and construction in the Contributed with the Submittal Requirements and is contributed with field dimensions, other trades, exception sequencing and construction.
- contributed with third dimensions, count rates, secoult required, and in a continuous contributed of the contributed contributed of the contributed of the contributed contributed of the contributed of th
- CAD fles of Structural Drawlings may be used as an ald in preparing Shop Drawlings only upon the Contractor signing an Agr When CAD files or copies of the Structural Drawlings are made available, it is under the following conditions:
- A. All information contained in the CAD fles or copies of the Structural Drawings are instruments of service of the Architect/Engineer and shall not be used for other projects, additions to the Project or the completion of the Project by others. CAD fles and copies of the Structural Drawings remain the property of Ellis & Nytray, Inc. and he no case shall be that transfer be considered a sale;
- ents. In the event of a conflict, the Structural Drawings shall
- C. The use of CAD files or copies of the Structural Drawings shall not in any way relieve the Contractor's responsibility for proper checking and coordination of dimensions, details, sizes and quantifiles of materials as required for the preparation of complete and socurate Shap Drawings; and
- D. The Contractor shall revise all references to Contract Document sheet numbers and section marks and shall remove information that is not required for their work from the CAD fles or copies of the Structural Drawlegs, including the Title Block.

STRUCTURAL NOTES

- Foundation design, soil preparation and compaction are based on Geotechnical Investigation, Data and Recommendations in Report # 113-15-40 by Antaman & Associates, Inc. dated 02/28/2015.
- Footing sizes and reinforcing are based on an assumed allowable sell bearing capacity of 1500 pdf. All footings shall bear on compacted fit, natural soil or rock prepared per the Geolechnical Report.
- Subgrade preparation shall be field controlled and sessed by a Licenses Selfs Engineer in accordance with the Geotechnical Report. A completion, that Engineer shall prepare and schemic to the Cohern, Architect, Covinzator and Stuckers Engineer a signed and sested inter incidently that he recommendation of the descelential Report have been Kildward.
- Center all footings under their respective columns or walls, u.o.n.
- Top of all footings is 16 inches below the ground floor level, u.o.n.

AVATION, BACKFILL AND DEWATERING

- The Contactor is solly responsible for all excessible procedures including lagging, shoring, and protection of adjacent properly, structures, settless and utilities in accordance with the requirements of the local faulting department and OSHA regulations. Do no excessible within one boot of the englis of repose of any soil bearing Countainon unless the foundation is properly protected against softeness.
- Do not backfill against walls until 7 days after the walls are braced by the structure or are temporarily braced. Do not backfill candievered retaining walls until concrete is 7 days old. Do not backfill until after completion and inspection of any waterproc
- The Contractor is responsible for the disposal of all accumulated water in a manner that does not inconvenience or damage the

- Above subgrade, use fit containing not more than 10% passing #200 sleve and maximum 1 inch diameter. Compact to 95% of maximum dry denisty as determined by modified proctor ASTM D-1557. Each layer of fit shall not exceed 6* loose thickness. Compete to placement of the next layer.
- Till placement and compaction shall be monitored and accepted by the testing agency. Take a min, of one field density test (ASTM D-1056 or D-2522) for each 2,000 square feet of each layer. The testing agency shall randomly select test locations.
- For interior states place 10 mil polyethylene sheering between soil and bottom of stath. Do not use any sheering between concrete states.

 1980:

 1984 1 854x kalabo on grade elethoroid with 6 x 6 W23 x W23 wilded wire reinforcement supplied in fast sheets only. Use chairs to support wite bottom or reinforcing base in the overter of state.
- Provide crack control (pints at 12 feet maximum to first areas between joints to 144 sp. ft. in all floating state on grade. Locate to conform to boxy spacing whenever possible, add crack control joints at re-entrant corners which tend to invite cracks. See plans for locations.

3000 psi
4000 psl
4000 psl
3000 psi

- Provide ASTM A-615 Grade 60 reinforcing steet. Reinforcing shall be accurately placed, rigidly supported and firmly tild in place, with appropriate ber supports and spacers. Lap confinuous reinforcing 48 ber die. Lap bottom steel over supports and top steel all midspan (u.o.n.). Hook classomisous ends of all top bars and all bars in walls, u.o.p. provide cover over reinforcing as Stitives:

Element	Bottom	Top	Sides
Footings	3*	2*	3*
Beams Above Grade	1 1/2"	1 1/2"	1 1/2"
Slabs on Grade	2*	1"	2"
Stabs Above Grade	3/4"	3/4"	1"

- Where specified, provide plain, cold-drawn electrically-welded wire reinforcer only. Lap splice one cross wire spacing plus two inches.
- Utilities shall not penetrate beams or columns but may pass through slabs and wells individually, uco. For openings 24* long or less cut reinforching and replace alongside opening with spike bars of equivalent area with 48 bar du. lap. Prepare and submit shop drawings for openings longer than 24*. For restangular openings 12* long or longer, add 195 x 6* mit depth diagonal at all 4 comers
- Where relinforcing steel congestion permits, conduit and pipes up to 1"diameter may be embedded in concrete per ACI 318, 8-8.3. Space at 3 clienteters oz. Place between cuter layers of relinforcing. If conduits are significantly congested, additional respected color to piping may be required. Requests to embed target pipes should be accompanied by a detailed description as submitted to the architect for evaluation.
- Provide construction joints in accordance with ACI 318, Section 6.4. Provide keyways and adequate dowels. Su location of construction joints and direction of pour for review.
- Provide 3/4" chamfer for all exposed comers
- Provide reinforcing steel placer with a set of Structural Drawings for field reference. Inspect reinforcing steel placing from structural drawings.

- struct masonry in accordance with Specification Sections 04810 and 04820; ACI 530-85/ASCE 5, "Building Code Requiremented Masonry Structures"; and ACI 530-1/4/ASCE 6, "Specifications for the Design and Construction of Load-Bearing Concrete
- The structure is supported by bearing wells, u.c.n. Erect masonry prior to casting concrete columns within bearing walls or casting bearns and states supported by bearing walls.
- Use 50% solid, nominal 8x8x16, concrete masonry units conforming to ASTM C90. Block not area compressive strength shall be 1900 pal. Lay up units in numbig bond. Sawout units which are not in multiples of 81. Units shall be at least 81 long. Bond corners by beginning the first successive vertical courses. Design of wells is based on a fire of 1500 pc;
- Use Type S morter in accordance with ASTM C270 except use Type M morter below grade. Head and bed joints shall be 38° for the thickness of the face shall. Webs are to be fully mortared nall courses of plers, columns and plasters; in the starting course, and when an adjacent call is to be growthed. Remove mortar portunkness extending 12°C errors (the calls to be growthed). Remove mortar portunkness extending 12°C errors (the calls to be growthed).

- where an adjusted all is to be ground. Remove motion prohibutions estanding 10°C or more than office to be ground, where an adjusted of the prohibution of the designation of the design

- Use ASTM A-815 Grade 60 reinforcing steel. Reinforce walk where indicated on the drawings and at all intersections, each side of openings and at the ends of walls. Use bar spacers at 10 ft. o.c. where grout pour height exceeds 10 ft...
- 8. At bond beam corners and intersections, place 1 95 x 5"-0" T & B corner bar, with 30" legs each way, at the exterior face
- Reinforced masonry wall construction shall be inspected by an Engineer or Architect in accordance with ACI 530.1/ASCE 6 Where another both, wedge another or another set is pay are set in a masonny well, till cells with grout for bothed course, one course above and two courses below.
 Provide intelled on bedders with min. 8" bening over all masonny openings.

- Use wedge-type expansion anchors such as the Hiti Kwik Bolt III, ITW Ramset Red Head Trubcit Wedge, Powers Po Simpson Strong-Tie Wedge-All or accepted equivalent, Follow manufacturer's specifications for use and installation. Confirm the absence of retriforcing steet by drilling a 1/4" dameter pilot hale for each anchor. Do not out retriforcing steet approved of the Structural Engineer.
- Provide anchor embedment, spacing and edge distance as shown on the Drawings.
- CHEMICAL ADHESIVE FOR ANCHORING REINFORCING BARS, THREADED BARS AND ANCHOR BOLTS Use an open, and to optioner that adverte option and and the option and an adverte of the option and adverte option and and adverte option and and adverte option and an adverte option and adverte option adverte option and adverte option adverte option adverte option and adverte option a
- Refer to manufacturer's installation instructions for appropriate chill size. Thoroughly clean hole including removal of clust prior to filing with epoxy.
- 4. Provide anchor embedment, specing and edge distance as shown on the Drawings.
- Threaded rods are A-36 galvantzed steel, u.o.

- Fabricate and erect structural steel in conformance with Specification Section 05120, AISC "Specification For The Design, Fabrication and Erection of Structural Steel for Buildings", with Commentary, and all OSHA requirements.
- A. Rolled W and WT Shapes: ASTM A992, Grade 50.
- B. Rolled M. S. C and MC Shapes and Angles: ASTM A36, fv=36 kst.
- D. Cold-formed Hollow Structural Sections (HSS
- Round Sections: ASTM A500, Grade C, fy=46 kst.
 Square and Rectangular Sections: ASTM A500, Grade B, fy=46 kst.
- E. Steel Pipe: ASTM AS3, type E or S, Grade B, fy=35 ksi-
- All shop and field welding shall conform to the AWS D1.1 Structural Welding Code by the American Welding Sodety. welding electrodes, u.o.n. where necessary, remove galvanting or primer prior to welding.
- 4. A325 and A490 bolts shall comply with "Specification For Structural Joints Using ASTM A325 or A490 bolts", including Cor
- Typical bolts used in structural connections for this Project are 3/4* diameter A325N.
 Typical bearing-type bolts (A-325N, A-325N, A-490N, and A-490N) to the snug tight condition as follows:
- Update the care year sear or the death all hales, with washers positioned as required and ruds threaded to complete the assembly, 2. Comparity the plant to the orange high condition shall prompers systematically from the most high part of the light. 2. The pump highers decoration is the stythese that a statebool with an emplosed or the impact when the high and of the light of an throation using also obtained update of mench.
- Tighten slip-critical bolts (A-325SC and A-490SC) to the minimum featener tension indicated in table 8.1 of the "Specification For Structural Joints Using ASTM A-325 or ASTM A-490 Bolts" as follows:

- Begin final Uphtering of slip-critical bols only after a srung-dight joint as described above is achieved. Progress systems
 the most rigid part of the joint.
 If adjust and or destructive control bolds is severed prior to achieving srung-dight joint, remove and replace the fastener as
 3-invaries systemsidally from the most rigid part of the joint.
 Accommendation and unity of their ball behavior analises or trenders control bols. D. Provide hardened washers conforming to ASTM F436 and place under the part being turned
- E. Do not rease or retighten bots which have been fully tightened. Use only non-galvarized nuts and bots that are clean, rust-free, and well liabstaced. Bots and nuts shall be availabled by the shall supplier or lubrisated with Johnson's Stok War 140. Cleaning and lubrisation of XSTM FIRS2 twist-off-type tension-control bots in not permitted.
- Now fastions component is easiled contenting to enter soft may be considered to the contenting to present containment on by rother deleteious substances. Size of closed containment of medit and mediture in a protective checker. Take from protection among from the contenting to the contenting the most shift. Fastiones components that earned the total bed adolted by the most shift. Fastiones from components are not too to be totalled adolted to be feetfalled delight the most shift. Fastiones from components and the total to the control and of the control and the control and the control and to the control and the cont
- Anchor rods shall be ASTM F1554 Grade 55 with supplementary requirement S1
- A. Set base or bearing plate on wedges or other adjusting devices.
- B. Tighten anchor rods after structural steel frame has been plumbed. Do not n with edge of base or bearing plate prior to packing with grout.
- C. Pack or pour non-shrink grout solidly between bearing surface and base or bearing plate. Ensure that no voids remain. Finl surfaces, protect grout and allow to cure.
- E. Base plates must be grouted a minimum of 72 hours prior to placing concrete slabs on supporting steel structure

All steel beams supporting concrete floors on steel deck are to be constituted as comparing the distance of the steel beams supporting concrete floors on steel deck are to be constituted at compositive the distance of the

LCSB - Ft. Braden School New Classroom Addition STRUCTURAL NOTES

S0.1 225 SOUTH ADMIS ST., TALLAHASSEE, FLORIDA 32301 PHONE 850 224-6301 FAX 850 561-6978





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PROJECT CODE

27 FEBRUARY 2015 DATE

PHASE III DOCUMENTS

STRUCTURAL NOTES CONT'D

- Cut, drill, or punch holes perpendicular to metal surfaces. Ream h
 Do not enlarge unfair holes by burning or using drift pins.
- Space filler beams equally between supports, u.o.r.
 Do not splice structural steel members except where
- 12. See Architectural and Mechanical Drawings for miscellaneous steel not shown on the Structural Drawing

- See Authoritude and Mechanical Descriptor insidiateness settler design in the Statutural Enemies.
 After law Achterial Descriptor of Project SportCaptors for partners and Responding of electural steels. On not part steel surfaces in contact with convenience or Proposofied.
 Manufacture and install steel and deck in accordance with SportCaptor Section 50319 and SportCaptors for the Steel Deck Installab.
 Manufacture and install steel and deck in accordance with SportCaptor Section 50319 and SportCaptors of the Steel Deck Installab.
 Manufacture shell destin confirming in ASTM A-653, with a minimum year point of 33 bits and is G-00 prelicible principles.
- Depth Gage Sp.(m) Sn.(m) 1.10" 22 0.186 0.192
- 1.07 22 0.156 0.152 0.150 0.152

 Frather doub to the proport with Bullson FT2 this or 557 discretive public webst. Fasterer pattern shall be 267 for 1.107 dock, Fastern dock in and support of earth or set is slope apport at 10° a. to these obtains with 917 TEX cores at 10° a. Excit case of the contraval and offer the place marketing results or provide a remigned contained.

 Exercised exists out contraval and offer the place marketing results or provide a remigned contained.

 Manufacture and most deset dock for a mornium theo span condition. One span conditions are prohibited except where specifically solven in the Development.

- Co not hang ceiling, duts, light fatures, equipment or other items from roof deck.

 PRE-ENGINEERED LIGHT GAGE METAL TRUSSES.
- PRE-PROMERSO LIGHT GADE METAL TRUSSES

 1. Design of ord treases shall content to the seed edition of "Specifications for the George of Code-formed Structural Sheet Members," (ASS), all appoints because that content is been seen to the second of the secon

- Materials: web and chord shall be fabricated from "C" shaped study. 16 gage minimum or as required by design, and shall meet the requirements of ASTM ASSIASSIM and ASTM ASSIA HIS minimum yield stampth of 33 ksi.
- A Materials, well and short of mall to flack before the form "C" indeed stath, 14 gaps reviews nor an expensibly design, and shall need the requirements of AST MASSASSS and AST ASS 444 min memory and sharped 52 all states of the region of 25 all states.

 5. See Structure and Antherication Charlesgo for under expense and are special conditional hostics of gard prices.

 7. Temporary and presented treat indeed prices for these statistics and present prices and set all the states of the sta

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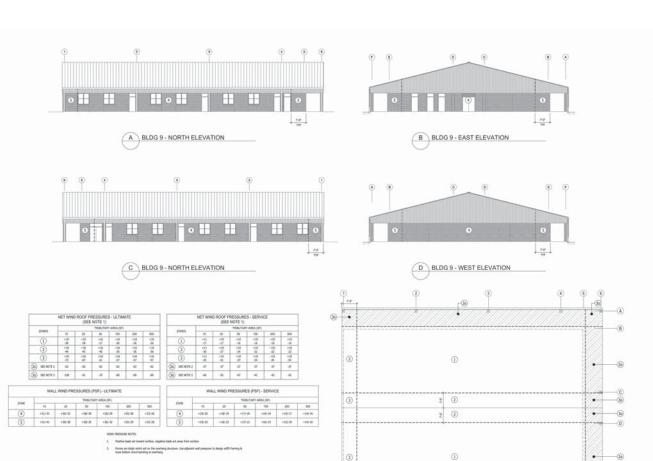
PHASE III DOCUMENTS



LCSB - Ft. Braden School and Renovations STRUCTURAL NOTES

Tallahassee **S0.2**

225 SOUTH ADAMS ST., TALLMASSEE, FLORIDA 32301 PHONE 850 224-6301 FAX 850 561-6078



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BLDG 9 - ROOF WINDLOAD PLAN SOLE KI-T-F

PHASE III DOCUMENTS

PROJECT CODE 27 FEBRUARY 2015 DATE

BLISS & NYITRAY STRUCTURAL ENGIN Cardions of Advancedors

BARNETT FRONCZAK BARLOWE ARCHITECTS

LCSB - Ft. Braden School New Classroom Addition and Renovations
BLDG 9 WIND LOAD DIAGRAMS

S0.3







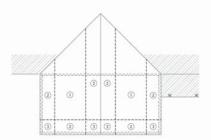




NET WIND ROOF PRESSURES - ULTIMATE (SEE NOTE 1)											
Security	TRIBUTARY AREA (SF)										
School 2	.10	20	- 96	100	200	500					
1	+18 -28	+16 -38	+36	+18 -28	+18 -26	+11					
2	+38	+16	+15	+18	+16	+11					
(3)	+18	+16.	+16 +61	416 -67	+18 -67	45					

	WAL	L WIND PRE	SSURES (PS	F) - ULTIMA	TE			W
1000			TRIBUTAR	CARGA (SF)			1222	
2016	:10	20	10	100	200	500	2046	19
(4)	+19/20	+00-19	+17/18	+16/-18	+19-17	+14/-16	(4)	+19/-20
(3)	+19-25	+100-23	+137/21	+15/15	+150-18	+10-16	(3)	+19/25

		-				CAREA(SF)		
200	500	204	10	30	50	100	200	500
+19-17	+14/16	(4)	+19/-20	+10/15	+175-18	+16/-18	+15/17	+14/-08
+157-18	+14/-16	(3)	+19/25	+36-23	+10-25	+16/19	+15/-08	+19/18



BLDG 9 - ROOF WINDLOAD PLAN SOLE SUNCE







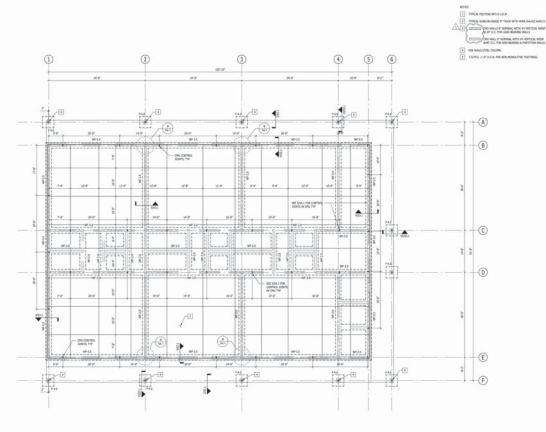








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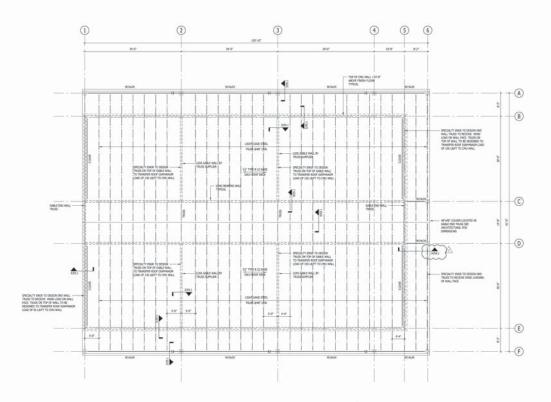
LCSB - Ft. Braden School New Classroom Addition and Renovations BLDG 9 GRND AND FDN PLAN Tallahassee Florida

\$1.1 225 50/11 ADMS \$1, TALLAMOREE, FLORICA 22301 PHONE 850 224-8301 FAM 850 561-6878

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13 SEE WISS, I B. 10/55, J. FOR YOP OF NON-LOAD IN WALL SUPPORT.



SOLD LIFTET N BUILDING 9 ROOF FRAMING PLAN





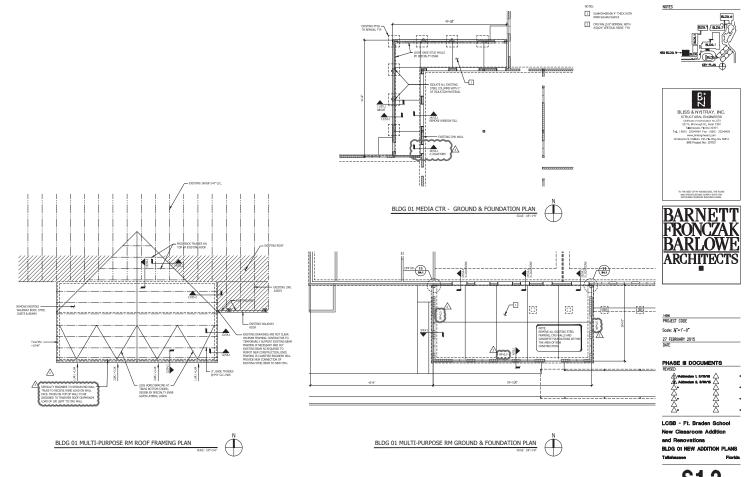


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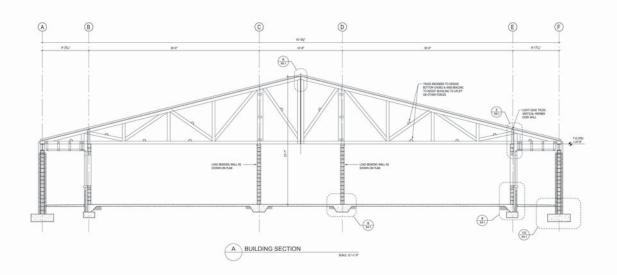
PHASE III DOCUMENTS

LCSB - Ft. Braden School and Renovations
BLDG 9 ROOF FRAMING PLAN
Tallahassee Florida

\$1.1a 225 5007H XOMS 51, TALEHAGEEE, FLORIGA 20301 PHONE 850 224-6301 FM 850 561-6878



\$1.2 225 SOUTH ADMIS ST., TALLAHUSSEE, FLOREA 32301 PHONE 850 224-8301 FXX 850 561-6978





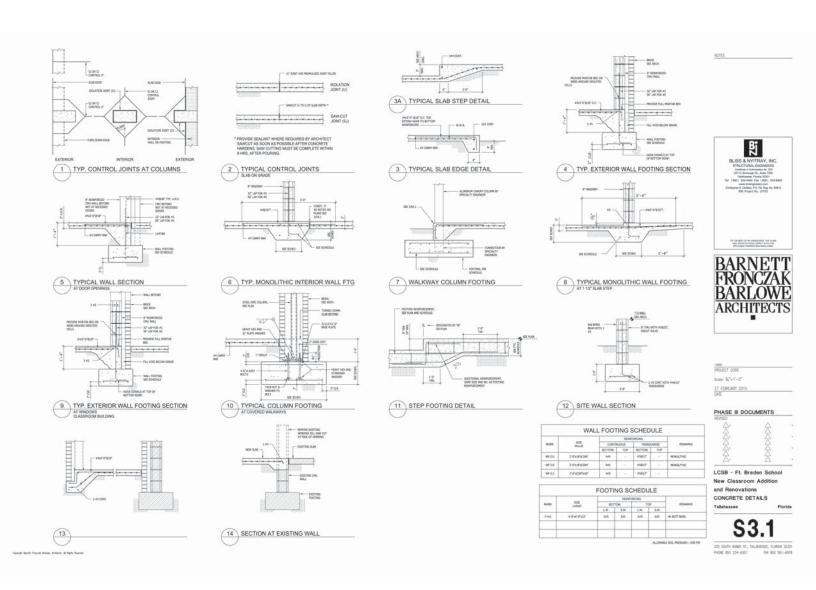


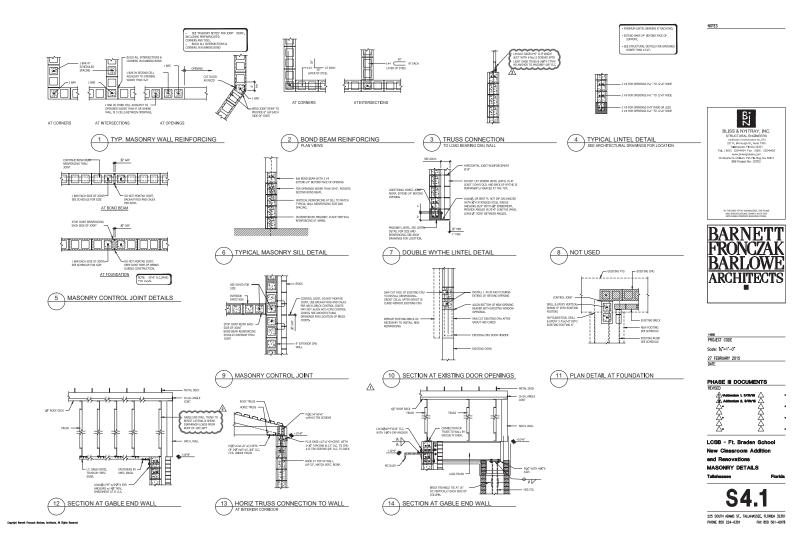
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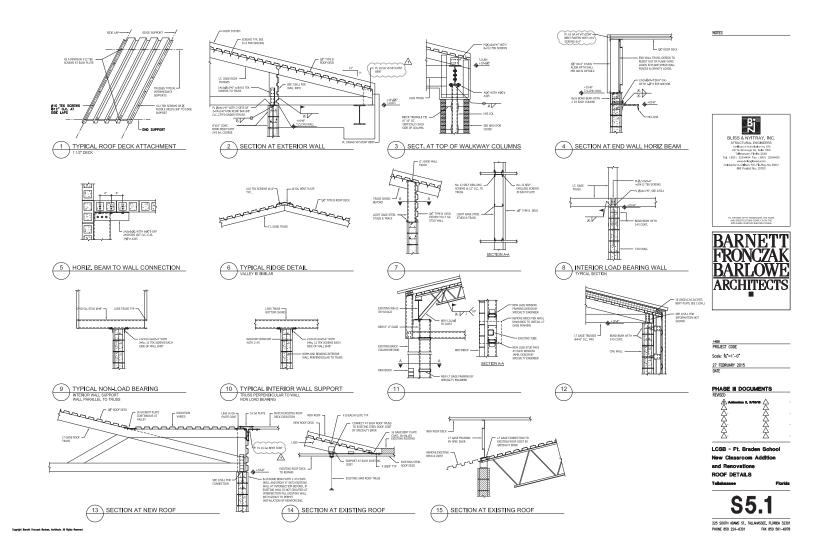
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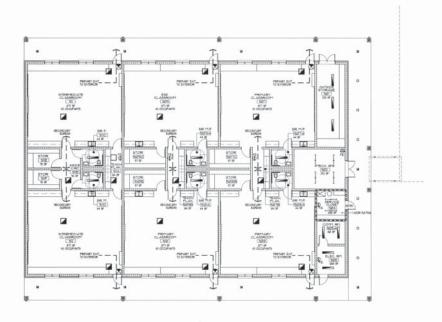
LCSB - Ft. Braden School New Classroom Addition and Renovations BUILDING SECTION Tallahassee Flor

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2 BUILDING 09 LIFE SAFETY PLAN



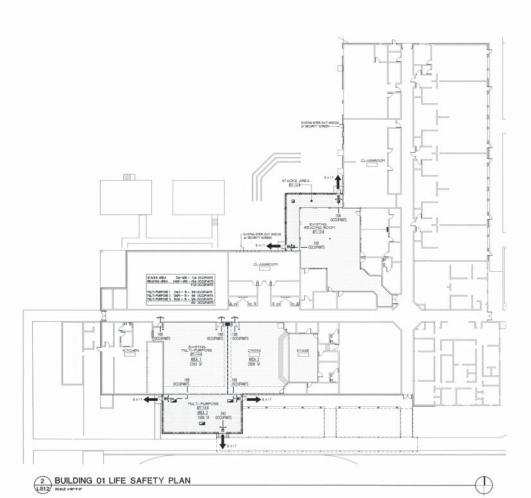




LCSB - Fort Braden School New Classroom Addition & Renovations Phase III Documents

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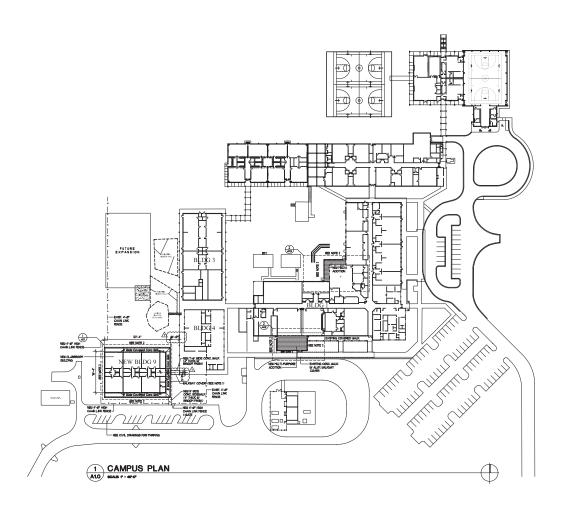






LCSB - Fort Braden School
New Classroom Addition
& Renovations
Phase III Documents
Tallahassee Florid

LS 1.2
225 500TH ADMIS ST., WILHMADISE, FLORICA 32301
PHONE 800 224-3301
FM. 800 581-8878





NOTES:

VIEW T-6-YEBDE X 5-TH HIGH ALIEN BULIQUAY COVER
HATCH ENGINES SCHOOL BULIQUAY COVERS, RIM HES
HATCH ENGINES SCHOOL BULIDAS SCHTH E POSTING BLDG.
SCHTH

2. COMPACION TO RESTORE EXISTING SPECIALO
THES-COMPANICATION CONCERNOS CHEC CONSTRUCTION



PROJECT CODE

7 FEBRUARY 2015

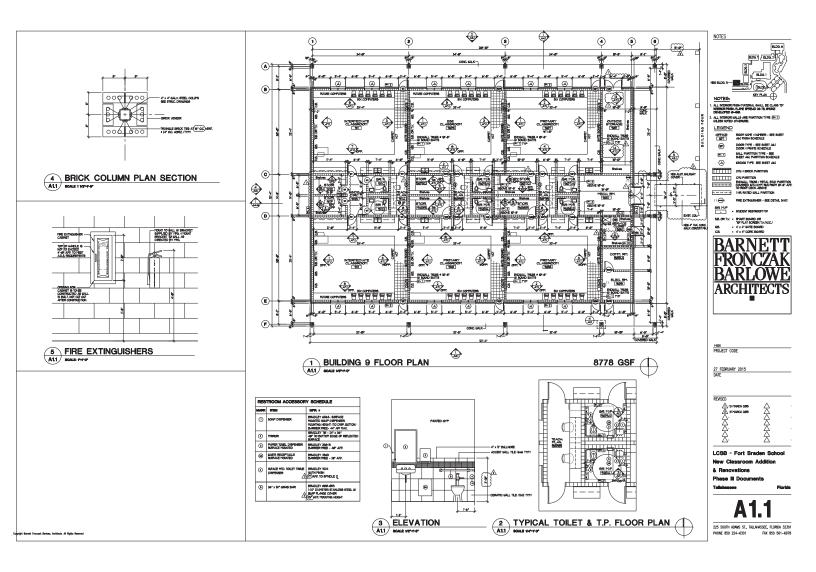
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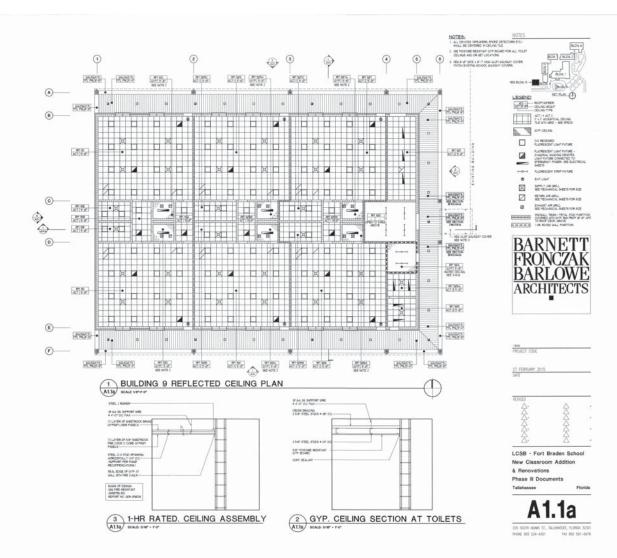
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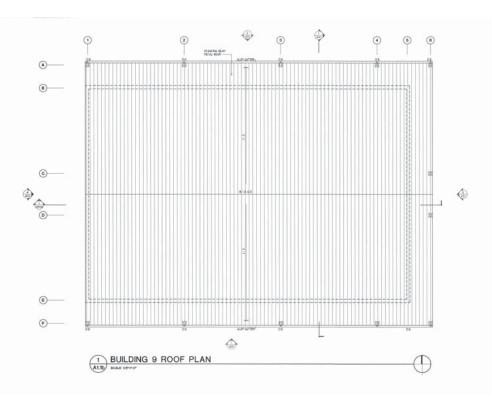
225 SOUTH ADAMS ST., TALLAHASSEE, FLORIDA 32301 PHONE 850 224-6301 FAX 850 561-6978

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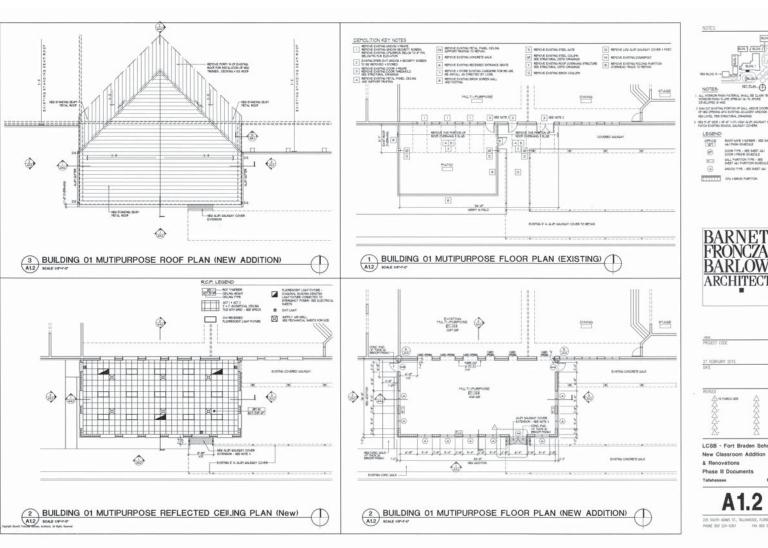
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Phase III Documents
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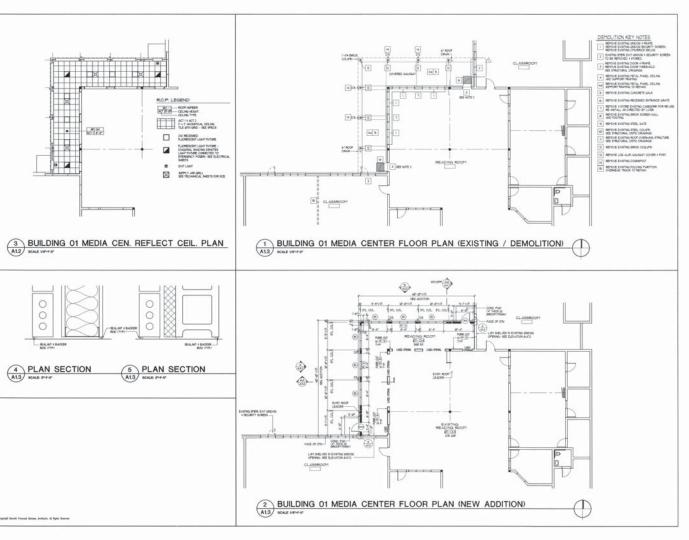
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225 500/H ADMS ST, TALKHASSEE, FLOREA 33.00
PROME SCO 224-63.01 FAX 800 561-6878

ripi Sanet Françai Saturi, Arbitolis, Al Ripto Roseval











NOTES:

1 AL NESON HASH HATER, SHALE EG JASS TO HERON HASH FURE SHALE 20-TB STOCK TO SHALE A LIFE SHALE 20-TB SHOCK TO SHALE 20-TB SHOCK TO SHALE SHALE 20-TB SHOCK TO SHALE S

LEGEND
OWGE
ROOM WHE I WHERE HE SHET
INTO THE WHEN HE SHET HE
DOOR HAVE NOODALE
BUILD HAVE NOODALE
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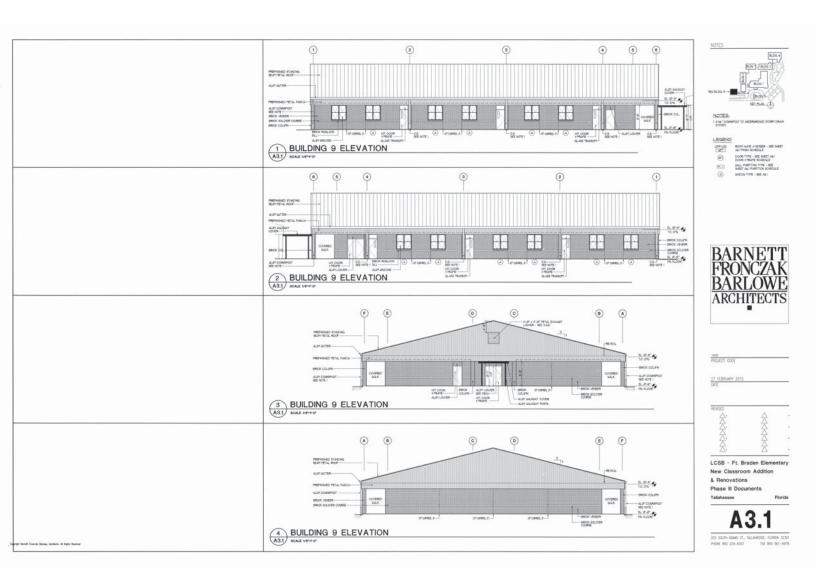
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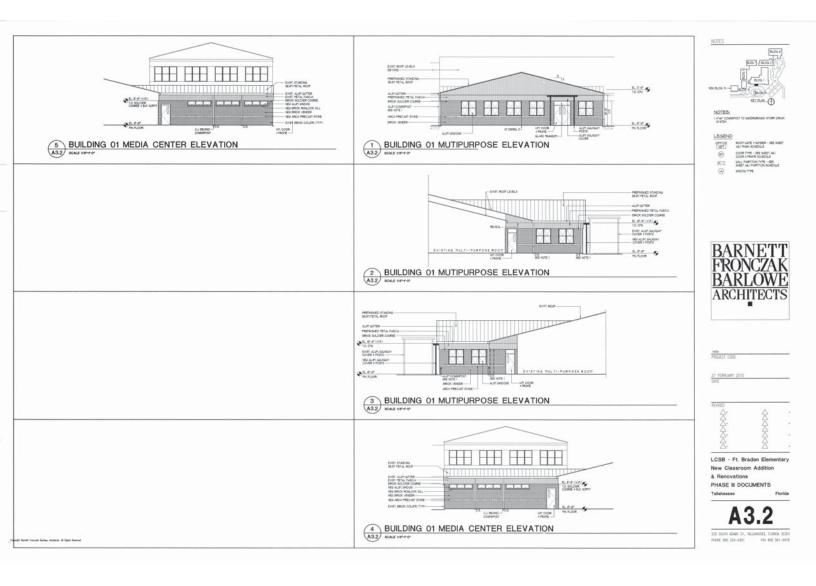
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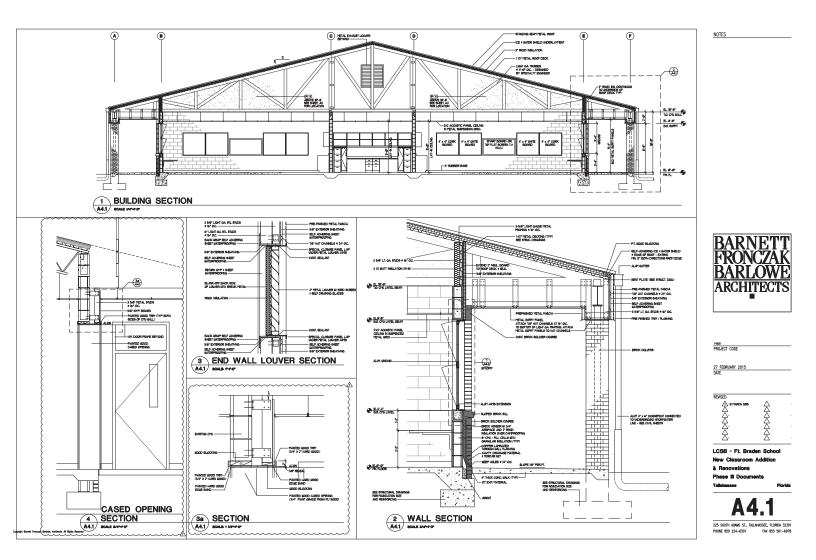
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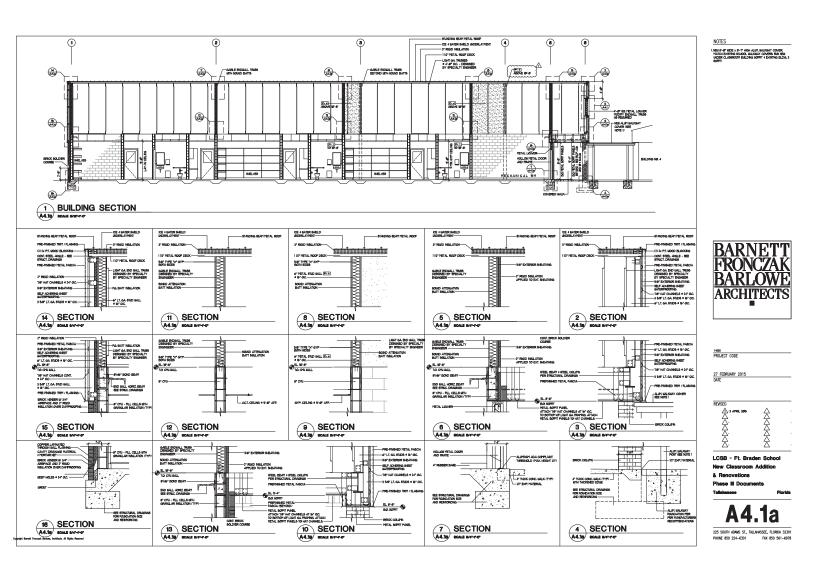
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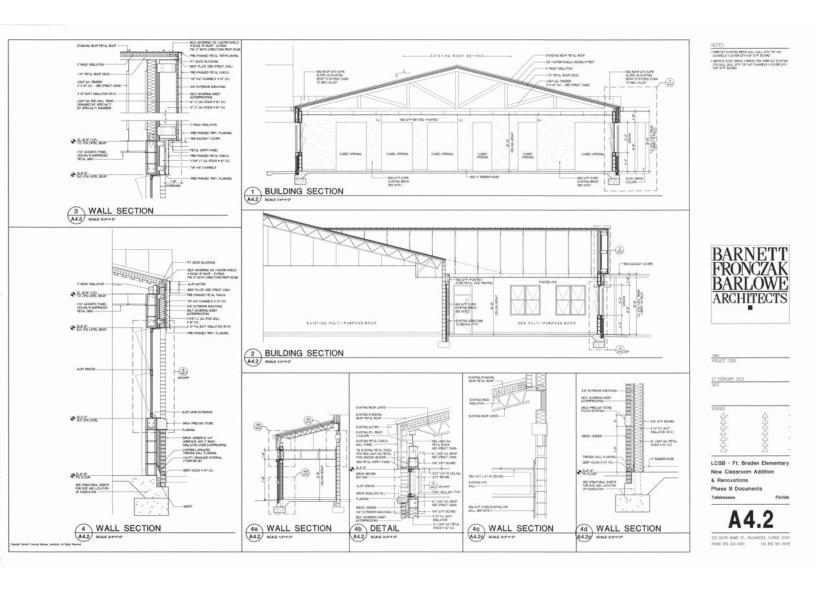
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MARK	RATING	SYMBOL	PLAN SECTION	ASSEMBLY	WALL	DETAILS	REMARKS
p-i				① #"CONCRETE BLOOK	150° ACTUAL 8° NOPINAL		
P-U	THE BUTHS IS NO USES			(2) CONT. HOROCHTUL, HABORET REMORCING SVERTY BY VERTICALLY	2000000		
			TTT	GROUTED + REINFORCED CELLS PER STRUCT, DIGG.	1		
			9900	(4) CERAMIC TILE THIN SET (PU ONLY)			
P-2			0000	() HODALAR BROK - 2 WYL + 154% - 4 5 MPD.	W ACTUAL		
P-21	THE RATING UL NO UNIO		Trans.	2 34" CLEHNFLANED ARI MACE GAVITY			
				③ PROD HOLATON			
				CONTINUE APPLICATION OF BITTEROUS DISPERSONS	1		
			9 0 0 0	OROUTED + REMORCED CELLS PER STRUCT DISA			
				P CONCRETE BLOOK			
				BRICK TES AT M" OC VERT. *SH" OC HORE, FITTE!			
				CONT. HORIZONTAL PHACHET REMORCING SHEET BY VEHICALLY			
				© CENAPIC THE -THIN SET (PS) ONLY (
P-3			@ @ O	1 MODILAR BRICK - 2 WN x 154FL x 3 54FD	D SAP ACTUAL D'ANTRAL		
				10° CLEANFLAINED AR SPACE CAUTY			
			1	BRICK TES AT W" OC. VERT. A SH" OC. HORE, (TYP)			
				ser protetox seatoss			
			00000	(A) NO YORKHO PRES PICENACOLHO			
				(5) a" LIGHT GA STADS + B" OC.	1		
				B 10" PERENGLASS BATT NISEATON			
				(3) NOT TITLE 30' STERM WILLSOME			
P-6			9 9	METTIFE SCRIPPINELLEGING	114" ACTUR. A" NOTHIL		P-4 - GYPRIN SALLBOARD TO BE SHOTTINE OF BOTH BOSE PROH
			1	② ATHERAL STIDS + NEOC.			TO CHE WALL # 18"-9 I REN FALL HEIGHT TO ROOF DECK ABOVE. SEAL AROUND ALL FIDETRATION
			0 0	SOME ATTEMENTON BATT HALLATION			UNI SEALANT
P-8			9 9	1 ser title or aim bould	ACTUAL		
	1			(2) THE HELL HAT CHANNELS + BY CC.			

	NEW SECTION SE	da sonort	an sound	#E SONDE	EE SCHEDLE G. T-6" FIG IV REPERS A.M. EVERSON DOORS
WINDOW TYPES	ALIF. SPONER	1	(a)	98 SOUR	To used mexic resolutes and the state of the
Dentil Francis Serius, Arbitelo, Al Siglio Stannol		FRAME TYP	ES		

			Room	Finis	h Sc	chedi	ule			
Room	Marin Marin	1	-		Well	Finish		Celling		
No.	Room Name	Floor	Base	North	East	South	West	Celling Type	HGT	Remarks
BUILDIN	43 01 - MEDIA CENTER					*				
34	REACHG ROOM	CARPET BOLANES	RECO	rior	FARE	PARC	PUNT	4014	SEE NOT	
BUILDIN	IG 01 - MULTI-PURPOSE									
364	MAT-PAPOR	vct.	RESER	PART	PAR	Page	PANT	401	HEE NOT	
BUILDIN	49 09 - CLASSROOM BUIL	LDING								
101	OUTSIDE STORAGE	yet.	Names	Page	PART	Pásc	PARC	acto	NEE NOP	
360	MICHARGA, ROOM	MEAJO CONOMETE		Pior	PAIC	592	PANT	OPEN TO ETRACTURE	603 60P	
1014	REPLACE CLOSE?	vst.	Market M.	THE	P440	P400	PANT	PANTED TIR STP	SEE NOT	MATERICAL NAME OF THE OWNER, SHAW
9/5	BLECTRIC ROOM	MEALED CONCRETE	RADOR	PAC:	PARE	PARE	PART	4014	HERE	
3094	COMMISSION ROOM	MAJO COIDETS	PLDDER	PARC	PART	PARC	PANT	Acts	HE RCP	
107	PRESARY CLASSICOPI	CAMPET NO. / VIC.S.	RANKS	FARC	PART	PARE	PANT	ACT-I	HEEROP	A .
9674	STADENT RESTORM HAP	CERMIC TLE	CERNING TILE	PLEPAN	TLEPAN	TEMME	TLEPANT	PARTED MR GYP	HE RCP	2'-ST WAS TEX SUMBOOT OF MEDICAL
1670	TEAGERITANNS	CAPPET	NAMEN	PARE	PART	PANE	PART	ACT-I	HE ROP	
SITC	STORAGE	vet.	RECOR	THE	FARC	FARC	PANT	ACT-I	SEE ROP	
100	PRINCIPLE CLASSICOPT	CAMPET NO. / VC.1.	RABBER	PART	PART	PARC	PANT	ACT-I	HEE POP	A
1004	STADION' RESTORM HIP	CERNING TUE	casueric fluid	TLEPAN	CLEPAN	TLEMAN	PLEFANT	PARTED HIS GIFF	SEE RCP	IT-REP HOW THE SHIPBOOT KIPT, ABOVE
9000	\$1094GE	vd1	REFER	PARE.	PMC	riet	PANT	ACT-I	HEE ROP	
301	ENE GLAMMOOT	CARPET SQ. / VC.T.	RIDDER	PARC	PARE	THE	PANT	ACT-I	ME ROP	A
90%	NUMBER RESTORMEN	CERNING TILE	CERNING THE	TUEFARE	THEFAIR	PLEMINE	THEFAIR	PANTED HR GITT	NE ROP	2-8" HISH TLE SHINGOT 4 PT. ABOV
1010	TEACHER PLANNING	CHPST	MARKET .	FARC	FARC	PARC	PART	ACT-I	HEE RCP	
9090	STORAGE	vst	MARKET	PART	PARC	PARE	PART	ACT-I	HERP	
107	PREMIET CLASSICOT	CARPET NO. / VO.T.	RADION	FARE	PARC	FANC	PART	ACTVI	HEE ROP	A
1004	STADENT RESTORM FOR	CERNING TUE	CERUPIC TLE	TLEFAN	TLEFUN	PLEMAN	TLEFANC	PANTED TOR STP	HE ROP	21-67 Jack TLE SURBOOT 4 PT. ABOV
160	stowae	yet.	PLEOCK.	PART	FARC	PANT	PART	ACT-I	165 RCP	
10	HISPREDIATE CLASSICOL	CARPET NO. / VICT.	Massen	PART	PARE	PANT	PANT	ACT-I	NEE ROP	
364	TEADER PLANNS	CAPET	PLENSON	PART	PARE	PARC	PART	ACT-I	HEE ROP	
90	NECE CHICALITON	vcr.	RESER	PARE	PANC	FANC	PART	ACT-I	REE ROP	A
910	STADENT RESTOOM FEMALE	CERMING TILE	CERVING THE	TERMINE	TLEFUN	PLEMANT	1LEFANT	PARTED TIK STF	REE ROP	THE HIS SUPECOT FFT. 480-
ND.	STADENT RESTORM THALE	CERNHO TUE	CERNING FLE	TLEFANT	TLEFANT	PARTAIN	TLEFART	PARTED HR GIP	NE RCP	Y-MY-HISH TLE MERCOT FFT. ABOV
NE	STORAGE	VET.	RUBBER	PARE	PART.	PARC	PART	ACTH	HEE ROP	
18	STORAGE	vet.	RUDGER	PANT	PARE	PANT	PARC	ACT-I	HE RCP	
100	INTERPEDIATE CLASSROOM	CAMPET NO. / VCT.	RUDDON	PARC	PARE	PANT	PARC	ACT-I	BE KIT	

				Do	or an	d Fr	ame	Sch	edule			ú	NORROLT DO	ORS AS NOT	ED ON PED I PLAN
			Doors					Frame			Assembly				
Mark	Type	Size	Th	Mat	Finish	Hdwe	Туре	Mat	Finish	Head	Jamb	Thresh	Label	Pario Hardware	Remarks
BUILD	NG 01 -	MEDIA CENTER												22.27.21.11	
84	- 2	2-6"×1-6"	134	101	PART		6	181	PANT	101447	1942	3/462	-		PC-808-204-49
244	1	7-6"×1-6"	134	16%	PANT		6	181	PART	30/36J	NAM2	3/462	-	1.1	64,1600 304 FB
BUILD	NG 01 -	MULTI-PURPOSE			-0.01		-							-	
166	1	AVERNOUS TO	134	125	PART	1 9		in in	PART	5/462	4167	3942	-	100	SCHOOL SERVER
1644	1	1-0"×1-0"	13/4	10%	PANT	1		144	PART	9/442	4347	1/42	-	-	64-400 MH-16
1445	- 1	zierx tier	15/4	1815	PART	1	Α.	ulet .	PART	5/42	41562	3/462			95 - HEED DOM - No.
BUILD	NG 09 -	CLASSROOM BUILDIN	40			-					-				
50		/Vindex supra tups	1.59	No.	PART	1 5		un	PART	5/467	41667	1 5/462			\$4,000 Total 196
90	1.1	(PARTY OF X TOP)	134	105	PANT	3		481	PLAT	4442	41962	3462	V. 1		94,1800 (UK-%)
101	1	7.67.7.6	139	10%	PANT			Me	PART	5047	41667	3942	49.194		94 PROF TO A 1/4
505		FIFX1-F	134	10%	PART			ide	PART	9/467	4967	3/462	4		\$4.00 HOR - NAME \$4.0000 HOR - No
954	1	7-61×7-61	13/4	UD.	STAN	3	Α.	181	PART	1462	11467	1	- 1	-	100
961	1	3-6"×1-6"	134	185	PANT		A	sitt	PANT	9/462	41442	3/462	141	-	64-9400 (cm - No
9514	- 3	F-6"×7-6"	134	10	STAN	4	6	AH	PANT	1462	2149.7	34/462	-	- 1	100
90.00	- 4	F4"XT4"	13/4	NP.	STAIN	2	6	181	PANE	1442	21862	. 4		-	100
9010	- 4	PERTE	1304	10	BEAN	. 3	¢	HM	PART	17462	21462	100	+		1110
WD.	- 4	F@XT@	134	ID.	BTAIN	2	c c	181	PARE	1462	2462		12.1	1	100
101	2	3'-6" X T-6"	1314	HM	PARE	100	A	HH	PARE	5/462	4162	3/462	.7.	1.5	MARKET DESCRIPTION
3064	3	3-6"×7-6"	134	10	STAIN	. 4	0	HH	PANE	1462	21662	34/462			117
1010	4	3-6" X T-6"	134	10	STAN	3	C	HH	PART	1462	21862				
901	- 1	314"XT4"	134	105	PARC	100	A	HH	PANT	5/462	4962	3/462			or cargo loss car
9754	- 3	FIFXTO!	1304	10.	BEAN	4	C	HH	PART	1962	21862	54/442	110	1.5	111
1010	- 4	S'E'XTE'	134	10.	BTAIN	. 2	¢.	HH	PART	1962	1997			1.0	100
MYC	- 4	2 df X T-df	134	10.	STAN		C	HH	PARE	1962	21862			- 4	
900	4	FIRTH	13/4	10	STAIN	- 2	C.	HH	PANT	1462	21463		- 1	1	M-1600 (08 / 66
50	- 7	2-6"×1-6"	13/4	10%	PARC	1.1	A	1411	PART	5/467	41467	3/462			econocion rec
904	- 3	3-0"×1-0"	154	160	STAIN	4	C	1611	PARC	1462	21062	341463			
100	4	rexte.	134	ND.	85494	3	6	МН	PANT	1862	21662	-	-		SALISHED TOWNS
90.0	1	3-6"×1-6"	134	HPL HD.	PARC	1	e e	141	PART	hisa2	4/463	3/483	-	-	
904	1	3/6"XT-6"	134	ND.	STAIN STAIN	1	6	181	PART	1362	21663 21663	-	-	-	- 1
90	3	3-6"×1-6"	134	ND.	97AN	4	6	HH	PART	1862	21662	58/463	-	1	- 1
10	1	3-6"XT-6"	134	NO.	9549	1	6	181	PARC	1962	2962	SAMEJ	-	-	
10	4	Y-CXT-C	134	10	STAIN	1	6	141	PART	1362	21662	January .	-	-	-
16	4	rexte	134	10.	PTAN	1	c	NH.	PART	1962	21462	1	-	-	- 1
90	1	10xte	134	100	STAIN	1	0	181	PART	1962	21462	1	-	-	- 1
104	1	70×10	134	10	ESAN.	1	6	uin	PART	1762	2/462	1	-		1
90	1	NO XIE	134	WH.	PARE	1	4	ult.	FARE	51562	AWAI	31962	-	1	SALWEST NAME OF

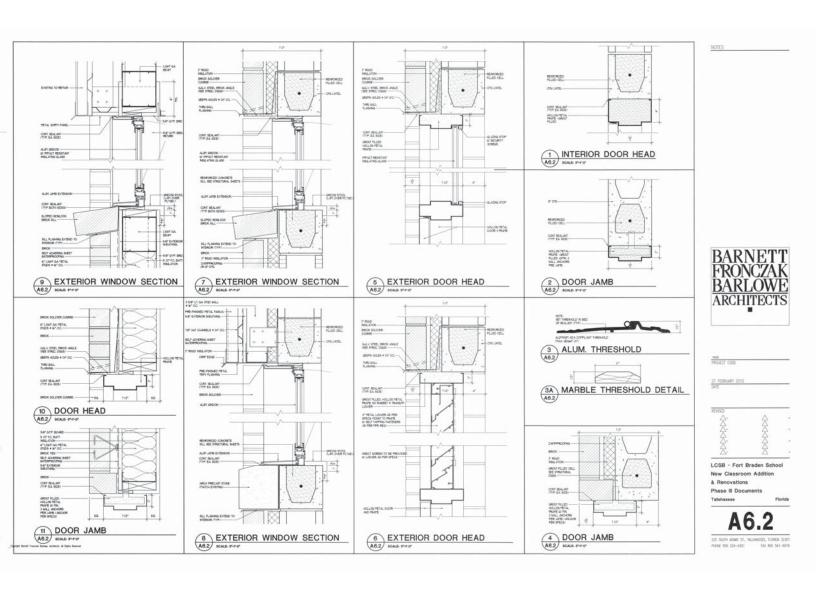


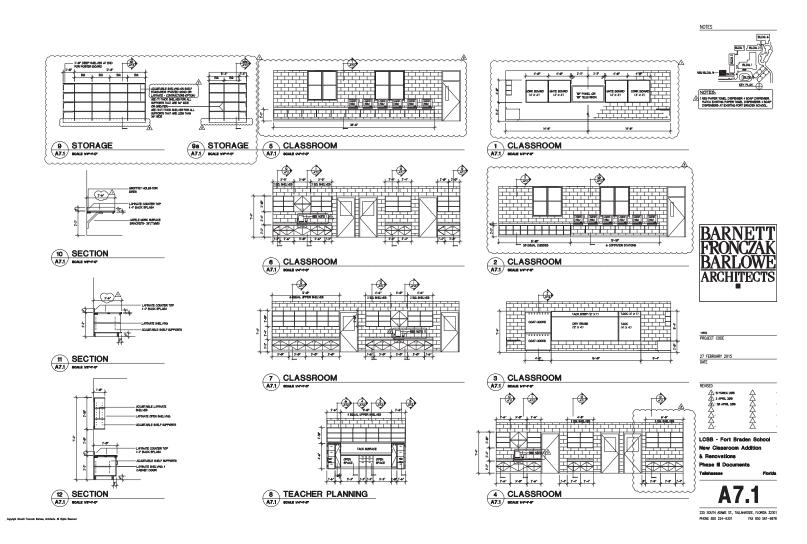
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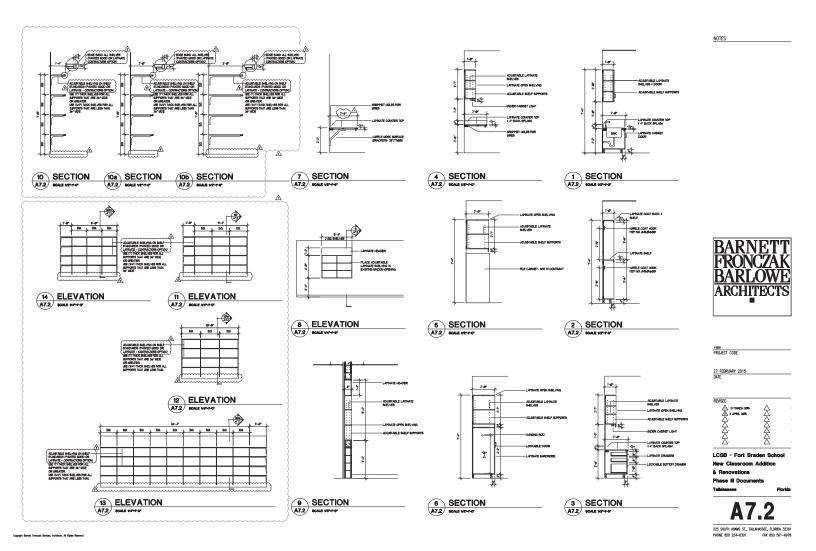
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Tallahassee Florid

A6.1
225 50/TH ADMS ST., TRUMMSEE, FLOREA 32331
PHORE 850 224-4301 FM 650 561-8076.







INSTRUMENTS: THE PROPRIES OF T

THE CONTRACTOR IS EXPECTED TO MICHIGE PROFESSIONAL WORK PERFORMED AN ACCORDAN-INTO ROUSTRY STANDARDS AND BEST FRACTICES.

HE WORK SHALL BE COMPLETE. PULLY OPERATIONAL AND SUTABLE RESIRRY WAY FOR THE SEPRICE REQUIRED.

EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURDES REQUIREMENT FOR PROPER OPERATION, MAINTENANCE, AND SERVICE. IF CHANGES TO THE CONTRACT DOCUMENTS ARE NECESSARY TO ANDIO COMPLICE, THE CONTRACTOR IS RESPONSIBLE FOR REQUISITING CLARIFICATION IN A TIMELY PROPERTY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEPICENCES ASSOCIATED WITH WORK PERFORMED REPORTS CETAMING INSTITEN CLARRICATION.

THE CDATRACTOR SHALL TAKE DUE CARE DURING ALL PHASES OF WORK TO PROTECT BUILDING PINSHES, FURNISHMUG, EQUIPMENT, ETC. THE CONTRACTOR SHALL BEAR ALL COSTS TO REA ANY DAMAGD THAN, FIRMHER, ETC. REPLAINDA FROM HIS OR HIS SUCCONTRACTOR'S WORK.

REPARI DAMAGES CAUSED BY INSTALLATION OR USE OF TEMPORARY FACUTES. THIS HOLLIDES HARDSCAPING, LANDSCAPING, FINSHES, ETC.

HE LITERATURE SHALL BE NEATLY BOUND IN A 3-RING BINDER AND DELIVERED PRIOR TO FINAL ACCEPTANCE

HE COMMISSION SHALL GIVE PHYSICAL DEBONSTRATION AND VIDEAL INSTRUCTIONS FOR PROPER ORSEATON AND MAINTENANCE OF EQUIPMENT TO THE OWNER ON HIS DESCANSTS REPRESENTATIVE. SCHEDULE THESE DEMONSTRATIONS AND HISTOLICITION AT THE OWNERS.

-CONTRACTOR SHALL LABEL EQUIPMENT AND AVCILLARY SYSTEMS HOLLDED IN THE SCOPE OF THIS PROJECT.

CONTROLS SHALL BE PERFORMED LADER A SEPARATE CONTRACT BY LEGA COUNTY SCHOOLS JOMERS, ALL WORK SHALL SE COORDINATES WITH THE CONTROLS VERSION JUST AS IF THEY WERE LADER THE PRIMA ON MECHANICAL SUBCONTRACTOR.

2 CONTROL WRING OF THIS CONTRACT IS LIMITED TO THAT SPECIFICALLY REQUIRED BY THESE SHAWINGS AND SPECIFICATIONS.

CONTROLS CONTRACTOR TO PROVIDE BOTH CHILLED AND HOT WATER CONTROL VALVES TO THE MECHANICAL CONTRACTOR FOR INSTALLATION.

MAD FOR SENSON BLOWING ON SOLD WALLS.

REMOVED WHITE AND DEVICES AN OPERATOR TO PROVIDE FOR CONTROL OF FARS AS ROCATED THE REMOVED AND CONTROL CHANNING INCIDES ESCURPICES.

J. SEE ELECTRICAL SHOWING STOR ACCORDING PROMISSION.

8. CONTROL CONTROL CONTROL CHANNING STOR ACCORDING PROMISSION.

8. CONTROL CONTROL

TRIST, ADJUSTAND BALANCE (TAB) SCOPE OF WORK AND COORDINATION.

1. LEON COUNTY SCHOOLS ROWNER! WILL CONTRACT WITH A PROFESSIONAL AND CORTIFED TAB.
COMPANY TO TEST, ADJUST AND BALANCE THE MEN WHICE SYSTEMS.

2. THE MECHANICAL CONTRACTOR SHALL FILLY TEST THE OPERATION OF THE HVAC SYSTEM AND RESOLVE ALL KNOWN DISCREPANCIES PROOF TO REQUESTING THIS SERVICES VA THE CONSTRUCTION IMMAGEN WHO WILL GOORGINATE THIS WORK WITH THE GWINER.

The BELOWAGE CONTROL TO BROKE METERS (BOAGE).

THE BELOWAGE CONTROL TO BRULL HERDONE AND ASSIST THE TAN BORK MICLIONIS RESOURCE OF TAX BOOKEMAND.

RESOLUTION OF TAX DISCIPRIONISES.

A MANY SOURMAND COMPRIENCE SHOUL PURPOSE THE FOLLOWING TAXIO.

A MANY SOURMAND COMPRIENCE TO SHOULD HAVE SETTINGS. MANY RITH HART OF OTDINE STITLE STRONG MICHIGAN PROTECTION.

COMPLETE TESTING, ADJUSTING, AND SALANCING OF HIVE SYSTEMS INCLUDED IN THE SCOPE OF WORK. TEST OUTSIDE ARE RUDWINGTES FOR EACH ANSIECUL RHESE APPLICABLE.

C. MICASURE PRESSURE PROPACROSS EACH AND DECTION, WHERE ACCESSIBLE. REPORT SHALL INCLUDE AN ANU CHARRAM AND PRESSURE MENSUREMENTS THE PACKAGED AND.

MEASURE RETURN ARE OUTSIDE ARE MIXED ARE COLLEAVING AND UNIT LEAVING ARE CONC OF AREL
 TEST VAY TERMINALS.

DESIGNATION	DESCRIPTION
	LAY-IN SUPPLY AIR DIFFUSER
0	LAY-IN RETURN AIR DIFFUSER WITH ROUND CONNECTION
	LAYIN EXHAUST AIR DIFFUSER
□	SURFACE MOUNT SURFLY GRILLE
Ø	SURFACE MOUNT RETURN GRILLE
107	ROUND DUCT WITH SIZE INDICATED
_0	THERMOSTATITEMPERATURE SENSOR & WRIE
9	TEMPRELATIVE HUNDITY SENSOR AND WIFE
10	INSULATED FLEXIBLE DUCTWORK & SIZE DIA.
-12012	RECTANGULAR DUCTWORK & INTERNAL SIZE (FREE AREA)
FDETR	EXIST PINE DAMPER TO PEMAN
	NEW FIRE CAMPER
-450	SMOKE DAMPER
	PLEXIBLE DUCT CONNECTION
F	MITERED ELBOW/ITTING WITH DOUBLE THOOMESS TURNING VANES
Q	MITERED TAKEOFF (SHOWN WITH MVD - SOME ARE WIO GAMPER) PROVIDE STANDOFF
*	EXTENT OF DEMOLITION
(E)4	DUCT SMOKE DETECTOR
	POINT OF CONNECTION TO EXISTING
<u></u>	MANUAL VOLUME DAMPER WITH LOCKING QUADRANT
10	ELECTRIC ACTUATED DAMPER
0	CARBON DIOXOE SENSOR
1700	IT DOOR UNDERCUT
-	FLOW DIRECTION IN DUCTS.
0.40	DUCT TURNING DOWN
9=	DUCT TURNING UP
	GENERAL ARPLOW DRECTION
-DIO	SQUARE-TO-ROUND TRANSITION
25.	CONCALROUND TAKEOFF FITTING WITHOUT INVO
$_{\it m}$	CONICAL/ROUND TAKEOFF FITTING WARIO AND STANDOFF
0,,,	GRILLE AND FLOHMATE (CFM) DESIGNATION
[] IE.	CENTRIFUGAL CEILING MOUNTED EXHAUST FAN
011	CENTRIFUGAL PILINE CARNET EXHAUST FAN
₼	SHIGLE DUCT VARIABLE ARR VOLUME TERMINAL
(2) m	ROOF EXHAUST FAN
	HOOD SUPPLY FAM

DERIVICE AREA - MAINTAIN CLEAR

/// X METHODS OF DELIMENTING ITEMS TO BE DEMOLISHED

HVAC SYMBOLS/LEGEND

PING SY	moocorecocreo	AB
SIGNATION	DESCRIPTION	AFF
-0	BUTTERFLY VALVE	AVA
-6-	BALLVALVE	8A5 800
(8)	GATE VALVE	1.500
	UNION OR FLANGE	\$7,6
	REDUCER	CA:
	PIPE TURNING DOWN	CPM
10	PIPE TURNING UP	E-cu
-0-	TEE UP	CHW
+01	TEE DOWN	CNTR
- 4	DROP & TURN	200
		E DIA C
-101-	DROP & HUN	DG
-	TEE OFF TOP	EA.
1		ETR
-634	TEE OFF BOTTOM	16
- 0	ELBOH	EXT
4-	THE	10
	UNDERGROUND PIPMS	100
-c	CONDENSATE PIPMG	oru
CHWE-	CHILLED WATER RETURN	
CHW9-	CHILED WATER SUPPLY	HOG
-PWH-	HTNG HOT WATER RTRN	140
HMS-	HTNG HOT BIATER BPLY	KW
g AAV	AUTOMATIC ARR VENT	
-	CAP DECLEAVOUT	LAT
	BHWHOH CONNECTION THE	MU
-ж	ANCHOR POINT	MAX
8	SOLENOS VALVE	MN
0	FLEX PIPE COMMECTION	
	AUTOMATIC FLOW	NA NC
0×0-	CONTROL VALVE	ASC
8-	THREE WAY ELECTRIC OPER CONTROL VALVE	MO
8	TWO-WAY ELECTRIC OPERATED CONTROL	OA-
	VALVE	PO
	0.00	201

	OPERATED CONTROL VALVE	PO 201	OPPOSED BLADE PRESSURE SHOP PHASE PANEL
	ENTATION & .S LEGEND	RAG RAG RLA	RETURN AIR RETURN AIR GRELE RATED LOAD AMPS
DESIGNATION	DESCRIPTION	SA SAG SA SQ	SUPPLY AIR GRILLE STATIC PRESSURE SQUARE
\$ \$E-	THERMOMETER PRESS GAUGE & COCK FLOW SINTON	1 15FC 19 100 TrP	TEMPERATURE TOTALLY ENGL. FAN COOLED TRANSFER TOP OF DUCT TYPICAL
SAI)— SAII—	TEMPERATURE SENSOR TOTALIZING FLORMETER	UG UGS	UNDERGROUND UNLESS OTHERWISE SPECIFIES
E	MOTOR ACTUATOR	VRV VPD V	VARIABLE ARE VOLUME VARIABLE PREQUENCY DRIVE VOCTS
7	PRESSITEMP PORT	WB WG	WET BULB WATER GAUGE

CHWR CNTRL CR	CHILLED WATER RETURN CONTROL CLASSROOM	
DB DIA OR B DG DW	DAY BULB DAMETER DOOR GRULE DOUBLE WALL	
EA EF ETR EXT	EXHAUST ARE EXHAUST FAN EXISTING TO REMAIN EXISTING EXTERNAL OR EXTERIOR	
PD PPM PL	FIRE DAMPER FEET PER MINUTE FLOOR	
OPM	GALLONS PER MINUTE	
H HOS HP	HIGH HOT-OIP GALVANZED HORSE POWER	
KW	KLOSKIT	
LAT	LONG LEAVING AR TEMPERATURE	
MU MAX MSH MIN MVO	MAKE OF WATER MAXIMUM 1900 STUHOUR MINISTAL MANUAL VOLUME DAMPER	
NA NC NC NC NO MPS	NEW NOT APPLICABLE NORBALLY CLOSED NOT IN CONTRACT NORBALLY OPEN NORBALLY OPEN NORBALL PIPE SIZE	BARN
OA. OB	OUTSIDE ARE DPPOSED BLADE	EDON
PO PH PNL	PRESSURE SHOP PHASE PANEL	PADI
RAG RAG RLA	RETURN AIR RETURN AIR GRELLE RATED LOAD AMPS	BAKL

NOTES

ABBREVIATIONS

AFF ABOVE FINISHED FLOOR AHAP AS HIGH AS POSSIBLE AVG. AVERAGE BAS BLDG AUTOMATION SYSTEM BOD BACKDRUFT CAMPER SHP BRAKE HORSE POWER BTUH BRITCH THE BML LINETHOUR CA CERNO ACCESS
CD GLEANDRY
CPM GROWN FET PER MNUTE
CONC.
CONCRETE
CU CONCRETE
CHIED MRESS SUPPLY
CHIED MRESS RETURN
CORR.
CARSONOM

ARCHITECTS

PROJECT CODE

27 FEBRUARY 2015

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LCSB - Ft. Braden School New Classroom Addition

& Renovations
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M1.0 225 SOUTH ADAMS ST., TALLAHASSEE, FLORIDA 32301 PHONE 850 224-6301 FAX 850 561-6978

USE EITHER ROUND OR RECTANGULAR DUCT WITH EQUAL OR GREATER EQUIVALENT FREE AREA TO ACCOMISCOLTE EXISTING STRUCTURE.

INTERIORIEXTERIOR - USE GALVANZED SHEET METAL FOR RECTAMBULARIROLING WITH EXTERIOR INDULATION, USE GALVANZED SPRINL SEAM ROUND DUCT RITH EXTERIOR INDULATION. USE A BELLMOUTH OR MITERED FITTING TO CONNECT HOUND DUCT TO RECTANGULAR. EXHALIST DUCT SHALL BE GALVANIZED SHEET METAL RECTANGULAR OR ROUND SPRAL SEAM DUCTS PENETRATING/PASSING THRU CEILINGS SHALL BE HARD DUCT, ROUND OR RECTANGULAR PLEXIBLE DUCT ON RUNOUTS SHALL NOT EXCEED HE. USE SPRAL ROUND DUCT FOR LONGER RUNS

PROVIDE SHEET METAL CLOSUME ANGLES, ESCUTCHEDNS, OR PLASHING ON BOTH SIDES OF WALL PROSTRATIONS INCH NATED, AND SEAL ARE TIGHT, MININGAM WIGHTHS IF OR AS REQUIRES TO COVER OPENING. DVDE LS HE RATED FRE DAMPER AT RATED HALLS WHERE ROCATED.

PROVIDE DOUBLE THICKNESS TURNAS VANES IN ALL RECTANGULAR ELECTRIC AND OFFSETS -DUCT SIZES MAY BE CHANGED TO ACCOMMODATE CONDITION AS LONG AS THE INTERNAL PIECE AREA IS NOT DIMINISHED.

RANCHIT DUCTS TO DIFFUSERS SHALL BE EQUAL TO DIFFUSER NECK SIZE. SEE ORLLEPLOW SO-VEDALES.

MANUAL VOLUME DAMPERS IN RECTANDULAR DUCTS SHALL BE OPPOSED-BLADE TYPE, HANDLES SH HAVE LOXXING DUADRANTS, AND EXTENSIONS TO ACCOMMISSATE EXTERNAL ROULATION.

RECTANGLIAN TAKEOFFS SHALL SE MITTED TYPE WITH MANUAL UNLINE DIMPRES AND HEALATON STANDOFFS TO ACCOMMONITY THE SELLATION PROCEINED. LOC. DAMPRES SHALL RICLLED ALDORING QUADRANT AND HARMANE TO PERCACE SHALL DAMPRE POSITION.

ROUND TAKEOFFS SHALL BE COARCAL TYPE WITH MANUAL VOLUME DAMPER, NOLLATION STANDOFF, AN LOCKING GUADRANT, UIDS, LISE A PERMANDAT MARKER ON THE DAMPER SHAFT TO RIDICATE DAMPER PROSTOR.

HOTE: TAKE-OFFS SERVING VARIABLE VOLUME AIR TERMINALS SHALL HOT HAVE DAMPERS

FIRE DAMPERS, COMMON DAMPERS, AND DETECTORS.

RADIATION GAMPERS SHALL BE UL LISTED AND RATED FOR UP TO 3 HOURS. FLEX DUCT. IF USED, SHALL BE CLASS 1 OR CLASS 3 AND BEAR THE UL LISTING MARK AND RETAINED BY 16 OF SHAM STEEL WRIE APOLINO THE QUARRIER FRAME. (DAMPERS SHALL BE EQUAL TO RUSHOW MODEL OFD OR APPROVED.

THE MECHANICAL SUBCONTRACTOR WILL BE RESPONSIBLE FOR MOUNTING DUCT DETECTORS AND WIRHOUTD THE AND FOR SYSTEM BHOTDOWN ON ANY GENERAL FIRE ALARM. ELECTRIC OPERATED CONTROL AND MANUAL VOLUME DAMPERS SHALL BE OPPOSED-BLADE TYPE INTH NEOPHRINE BLADE EDGE SEALS EQUAL TO RUSKIN.

ELECTRIC OPERATING CONTROL DAMPERS SHALL HAVE 24 V. 16 IN-LIS TORQUE AMMIRUM) OPERATOR EQUAL TO BICLARD "FO" SERIES WITH EPIRAS RITTURN AND END SWITCHES. ORIGINATORS SHALL BE SIZED ACCORDING TO CAMPER SIZE AND TORQUE REQUIREMENTS PER THE CAMPERIOPERATOR REQUIREMENTS AMPLICATION & HOWERS.

PROTECT OPEN PIPING WITH TEMPORARY COVERSICAPS, CLEAN NEW PIPING OF LOOSE SCALE, RUST AND WILLD SPATTER. REMOVE TIGHTLY ADMERING DESIRS WITH WIRE BRUSH OR BY GRADING AS

PROTECT SYSTEM CONTROL VALVES AND CIRCULATE SYSTEM FILID AT THE GREATEST FLOW POSSIBLE. CLEAN SYSTEM ETRANSPIS. PROVIDE INTIAL CHEMICAL TREATMENT. CAPS SHALL BE PERMANENT AND OF THE SAME HATERIAL AS THE BASE PIPE. LIGE HELD CAPS FOR HELDED PIPRIG AND SUP JOINT HITH SOLDERBRAZING FOR COPPER PIPMIG.

-EXTERIOR PIPE HANGERS AND HARDWARE SHALL BE HOT DIFFED GALVANZED.

HELDING SHALL SE PERFORMED IN ACCORDANCE WITH AND EST. 1. BEVEL PIPE THAT IS FIELD OUT W ACCORDANCE WITH PECCOAUSE STRAIGHING.

ACCORDANCE WITH RECOGNIZED SYMMOMES.

WILDERS SHALE EXTRIPED WITH THE HAST IS MONTHS FOR THE FIPE SIZE RECURRED BY THIS PROJECT. AT LEAST TWO WESTER PROVIDED TO COMMERCING WELDING, THE CONSTRUCTION HAMMAGE SHALE SHALE SHALE WITH THE CONSTRUCTION OF THE PROJECT. THE CONSTRUCTION HAMMAGE SHALL SHEET THE REPORTATION FOR OTHER WILDERS HE AMANDO HIS CONSTRUCTION HAMMAGE SHALL SHEET THE REPORTATION FOR DRIVER WILDERS HE AMANDO HIS CONSTRUCTION HAMMAGE SHALL SHEET THE REPORTATION FOR SHEET WITH THE PROJECT OF THE PROPERTY OF TH

CONTRACTOR SHALL REMOVE SUSPECT WELDS AND SUBMIT FOR DESTRUCTIVE TESTS AS REQUESTED BY THE ENGINEER. CONTRACTOR SHALL PAY FOR DESTRUCTIVE TESTS THAT FAL.

ALL WELDING SHALL BE PERFORMED BY WELDERS ADEQUATELY FAMILIAR WITH WELDING SAFETY PRACTICES INCLUDING NIFA SIB.

NOTALL PIPMS PARKLEL TO WILLS. SLOPE PIPMS AT 1 INCH PER 40 PEET BACK TOWARDS PLAP'S ON TO DRAWAGE POINTS. NETALL DRAWS AT ANY LOW POINT THAT WILL TRAP OVER 5 GALLONS OF WATER. ROTALL ELOPOCOWN PIPMS WITH WALVE FOR ALL STRAWARDS. LEAK TEST ALL PIPMIG IN ACCORDANCE WITH NORMAL PRACTICE BUT NO LESS THAN 15 TIMES OPERATING PRESSURE AND NOT LESS THAN 10 PM.

PROTECT BUILDING FINDHES FROM WELD SPATTER WITH FIRE RETARDANT SHELDS. MAINTAIN A PIPE EXTROUGHER AT HAND AT ALL TIMES WHEN WELDING. PROVIDE ADEQUATE VENTLATION FOR WELDING OFFICEADORS.

EQUIPMENT CONDENSATE DRAME SHALL BE PIPED TO INCLUDE A P-TRAP, SEE DETAIL. DISCHA-SHALL BE VIX REPRECT COMMICTION.

PPING SHALL BE SAME SIZE AS DISCHARGE CONNECTION, DWILL COPPER AND PITTINGS. MINIMAIN SIZE IS SHE'S SUPPORT PRING ON A CONTERS.

SLOPE CONDENSATE PIPMS SIFTS SIFTED SIFTED STORAGES DRAW. PROVIDE CLEANOUTS AT 90" BENGGISTTINGS.

INDICATE CONDENSATE PHYNG WITH SHI CLOSED CELL FOAR INSULATION WITHIN BUILDING. SEAL ALL JOHNS SEARCH STE ART TIGHT. PROVIDE ACCESS PLUGGICAPS TO FITTINGS THAT REQUIRE MANITONANCE. SECONDARY CONDENSATE FAIRS, WHERE SHOWN, SHALL BE SOUPPED WITH FLOAT SWITCH AND TO DISABLE THE ARI HANDLER OR LIMIT.

INTERIOR EQUIPMENT PRIVAD SUPPORTS, HANDSHARE, BRACKETS, FRANKIS CHARAEL, ETC. SHALL SE GALVANZO STELL MO EQUIL TO SLIKE.

HETALELECTRICAL PRANSCOLMENT, SUPPORTS, ETC. IN CONTACT WITH CONCRETE OR RISTA
OUTDOORS BOARD IN PICT CHIPPED DALAMAGED.

MICICALMAGUS WERROR SUPPORTS SHALL BE 12 DA. 1-98" SQ. ELECTRO DALVANZED FRANKO
OUNDRES, MIRROR SUPPORTS SHALL BE 12 DA. 1-98" SQ. ELECTRO DALVANZED FRANKO
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OUNDRES, DA

ART HANDLES UNIT NOTALIATION.

- COORDINATE WITH THE SUPPLIER TO UNDERSTAND WHICH PEATURES AND OPTIONS MUST BE FIELD RESTAULIED.

COORDINATE CONTROLS AND POWER WRING INSTALLATION. PROVIDE ALL PENETRATIONS INTO LINE CARMET FOR ELECTRICAL AND POWER WRING INSTALLATION. DCATE LAVITE TO PROVIDE PROPER CLEARANCE TO ACCESS PANELS, PIPMS, CONTROLS, ETC.
OPTINGS AVAILABLE SPACE. FIELD DETERMINE IN ADVANCE LOCATION OF COLLOGNICATIONS TO
OPTINGS AVAILABLE SPACE AND EXISTING PIPMS.

PROVIDE EACH PRIMARY CONDENSATE DRAIN WITH PLTRAF AND DOWN STREAM CLEAN OUT CAP, DEPTH OF SEAL SHALL EXCESS MAY FAN STATIC, SEE TRAF DETAIL.

OF SANS SHALL EXCERD MAX FAX EXPL. SEE THAT DETAIL.

BET LINES ON SC "NEOPHEME PAGE, 2 ON CENTER.

HASTALL HEARD AND CHILLED HISTORY RUMOUTS. SEE DOL CONNECTION DETAILS AND SHAMOHELMOUT SIZING SHEROLD.

PROVIDE HEATING COLL GRAIN PRIVAD WITH HORMALLY CLOSED BALL VALVE (FOR PUTURE COM-CLEARING) AND SECON AND SHOPE PRIF FOR HOR COMMISSION.

- RESTAUD LECTRODA PRIVATE SECOND REC.
- PREFORM START OF PLACOFORMACE WITH MANUFACTURERS RISTINGTONG AND COMPLETE A SEARCH RESTAUD.

CLEAN FACTORY FINISHED SURFACES. REPAIR ANY MARRIED OR SCHAFCHED SURFACES WITH MANUFACTURER'S TOUGHUP PAINT.

ANNUMBER E ARE VOLUME OVAN/TEMBRINA.E.

-LOCATE TEMBRINALE TO OPTINIZE SERVICE ACCESS.

-SUPPORT TEMBRINALE FROM ETRUCTURE AT NOT MORE THAN NY ABOVE CELING GRID.

INSTALL TERMINALS PER THE MANUFACTURER'S REQUIREMENTS, TRANSITION TO TERMINAL INLET SIZE APPRIX. 2: UPSTREAM OF TERMINAL OR AS SPECIFICS BY THE MANUFACTURER.

-METAL LAGO AND DUTTHORN TROTTE UNAN ARTITIONERS REQUIREMENTS TO IMMAKE SYSTEM MYSTEM PROPERTY AND ARE ARRANGED AT THE METAL THE TOTAL LIKE DUTTHOR THANKS TO REACH THANKS TO PROVIDE CLEARANCE FOR SERVICES. COORDINATE METALLATION WITH UTTHER THANKS.

INTERIOR COLD PRINS - MILILATE CHELED WATER PRINS WITH 2"THEONESS OF CELLULAR GLASS PRINS WATER AND FAIGH WITH ALL SERVICE JACKETING, USE 1-10" THICKNESS FOR PRIS 2" AND SMALLER, USE BEDOING MASTIC ON PRINS AND JOINTS AND FRUSH ELBORIS WITH GLASS FABRIC AND MALTIC.

INTERIOR HOT PRING - INSULATE HEATING HOT WATER PRING WITH IT PREFORMED FREROLASS.

NEULATION WITH ALL SERVICE MORE! - PROVIDE PVC COVERS AT ELBORS.

VALVESED/EMENTP/AMPSAHDRONC DEVICES - ROLLATE VALVES EQUIPMENT, TARKS ARE BEPARADORE, AND DEVICES WITH IT PROCRESS OF CLOSED CELL ELASTOMERIC RELIGIOUS MISTRILL TO PROLITATE REMOVALIACCESS. PROVIDE ACCESS TO ALL PORTE, VALVE SHAPTS, PETES PURGE, ETC.

CONCENSATE PRING - RISLLATE CONDENSATE PRING IN BUILDING WITH SH' CLOSED-CELL.

ELASTORIERIC FOAM. SEAL ALL JOINTS, SEAMS, ETC. ARI TOUT.

EDYCRED INSULATION IN MEDIANICIAL ROOMS SHALL BE INSTITUCK PREPRICIASE DUCTROAPD (H-6) WITH FOR, SCHMIGUTER COVERNO, ON DUCTS OVER SPINCE, ATTACH WITH MECHANICIA, FASTERIERS TAR AND STAPLE SHAMS WITHOUTWARD CURCHING STATES, APRLY THAT AND MASTIC TO ALL STAPLED AREAS, SEAMS, AONTS, ETC. MAY USE 34" THICK DUCTROAPD ON OUTSIDE ARE DUCTS.

AND ROOM TO CONTROL THOM SOUL BY 15 THE REGISTRON ON THE SHAD BOARD TO CONTROL THE SHAD BOARD THE SHAD BOARD TO CONTROL THE SHAD BOARD THE S

PROUND INC.

- BULATION IN CONCEALED ACCESSING INTERIOR SPACES SHALL BE BLANKET THE.

- BULANET HOULATION SHALL BE FOIL BACKED HE REJULATION. SEAL ALL JOHTS, SEAMS, ETC. WITH LE

11 PRESENTE SCHOOL TO THE

141 PRESURE GENOTIVE TAME.

-HISLART THE BACKS OF NEW SUPPLY AN GRALES - SEE DETAG.
-ALL DUCTNONS CONSTRUCTIONS CONSTRUCTION AS SHALL BE EXTERNALLY ASSULATED VALESS SPECIORON-BRITISHE.

PROVIDE INCOMPRESSION.

ROULATION COMPRESSION.

HISTALL RISULATION PRODUCTS IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY BEST PRACTICES FOR THE INTENDED PURPOSE. ROYDE COMPOSITE MECHANICAL INSULATION (INSULATION, JACKETS, COVERNOS, SEALERS, MASTICS AND ADMESIVES) HAVING FLAME SIPIEAD RIGIK OF 25 DR LESS, AND SMOKE DEVELOPED INDEX OF 56 OR LIESS, AS TESTED DY ASTITUTE BIS SPEN SEX, SMETHOUS.

VAPOR BARRERS SHALL BE MARTANED COMPLETE AND CONTRACUE. SEAL ALL GAPE, JONTE, SEAMS, ETC.

HISTALL HISULATION AFTER THE DUCT SYSTEMS HAVE BEEN SEALED WITH MASTIC, PRESSURE TESTED AND FOLAD TIMES OF ALL LEWIS.

IN TEO PARTITIONS & WALLS EMALL SE FEMETHATED ONLY WITH RESULATION MOTORALS AND TECHNOLOGY THAT ARE U.S. LISTED TO MAINTAIN FRIE RATING. ANY GLESTIONS SHALL SE REFERRED TO THE ARCHITECTURES AREA.

LCSB - Ft. Braden School New Classroom Addition & Renovations

BARNETT FRONCZAK BARLOWE

ARCHITECTS

PROJECT CODE

27 FEBRUARY 2015

Phase III Documents

M1.1 225 SOUTH ADAMS ST., TALLAHISSEE, FLORIDA 32301 PHONE 850 224—6301 FAX 850 561—6978

NOTES

McGinniss & Fleming Engineering, Inc.

FAN SCHEDULE - NEW						
DESIGNATION		EF-1	65-2	EF-3	GAF-1	
AREA SERVED & BLDG		8100.9	00,000.9	8100 9	BLDGS	
SERVICE		RESHAUST	JC EXHAUST	PLAY EXHAUST	MEDIANAL RM	
MANUFACTURER		GREENHECK	GREENHECK	CREENHECK	GREENHECK	
MODEL		poss	SQB	5000	90100	
TYPE		PUNE	N,NC	NUNE.	NA	
FAN TYPE/CONST.		GALVANITED	GACVANIZED	GALVANIZED	GALVANIZED	
DRIVE TYPE		DIRECT	DRECT	DRECT	DRECT	
AR FLOWRATE DESIGNISELECTION	CFM	450	300	900	1600/2000	
DESIGN STATIC PRESSURE	IN.	0.25	0.28	0.26	0.5	
BRAKE HORSEPOWER	140	-			100	
DESIGN FAN SPEED	RPM	1725	1726	1725	1726	
SOUND FOWER	30%53		5.3	10.5	11.0	
ELECTRICAL CHARACTERISTICS	Viging	115180	115/160	115/140	115/160	
MOTOR HORSEPOWER OR (CURRENT)	HP(AMPS)	116	1.6	116	34	
OPTIONS		1.3.4.5.0	13438	13,4,5,6	1.43	
CONTROL NOTES			7.03		1.5	

DEEKGNATION -		FOUR	FOUR
TYPE OF UNIT		HORIZONTAL FAN COLUMIT	HORIZONTAL FAN COS UNIT
MANUFACTURER:		ENVIRO TECH	ENVRO-TECH
MODEL MUMBER		HLE-20	HLE-30
HEATING CARACITY	MOH	57.A	34.4
WATER FLOW	GPM	2.9	1.0
WATER PRESSURE DROP	FTWC	1.8	1:0
WATER ENTERING TEMPERATURE	7	175	175
UNIT ELECTRICAL CHARACT:	Vigital	115/1/00	115/160
FAN CURRENT (NAX)	AMPS	. 1	1.26
EXTERNAL STATIC PRESSURE	WHC.	0.35	0.25
AR FLOW	CFM	200	450

NOTES.

1. DOC CONTROLS

2. INTEGRAS, FLTER AND RACK WITH SOTTOM HINGED

3. SEE COS. PRIMIS DETAIL (NOT PACTORY PACKAGE)

VARIABLE FREQUENCY DRIVE	SCHEDU	JLE	
DESIGNATION	7777	VFD-F	
LOCATION		BOVECH RM	
SERVICE		AHUS	
DRIVE RATED HORSEPOWER CAPACITY (MIN)	100	18	
DRIVE MOTOR FULL LOAD AMPACITY (MIN)	AMP	20	
DRIVE AMBIENT OPERATING TEMP (MAX)	.4	104	
MOTOR ELECTRICAL SERVICE	VPHHZ	480/3/60	
SPEED CONTROL SIGNAL		01NDC	
DRIVE EFFICIENCY (MINIMUM AT FULL LOAD)		35%	
POHER FACTOR (MAIRAN)		0.36	
BYPASE TYPE		NONE	
NEC SERVICE DISCONNECTING MEANS		165	
ENCLOSURE TYPE		TYPE LOR 12	
BASIS OF DESIGN MANUFACTURERIMODES.		ABB ACH 660	
APPLICABLE NOTES		140	

DESIGNATION		AHU-91	
BUILDING LOCATION		BLDG 9 MECH RM	
ANEAS SERVED		CLASS ROOMS	
MANUFACTURER		MCQUAY	
UNT MODEL		CAHIOSGISAM	
CONFIGURATION		HORIZONIN.	
MAX SUPPLY ARE	CFM	9000	
VENTILATION AIR (DESIGN)	CFM	1800	
MAX COOLING COS, FACE VELOCITY	FPM	400	
CC ENTERING ARI CONDITIONS	YD9/TW9	8067	
CC LEAVING AIR CONDITIONS	'FD9/FW9	52,852.5	
UNIT TOTAL COOLING CAPACITY	MBH	395.8	
UNIT LATENT COOLING CAPACITY	MOH	126.6	
UNIT SENSIBLE COOLING CAPACITY	1604	267.2	
CHILLED WATER FLOW NATE	GPM	86	
CHILLED WIKTER TEMP ENTILEAY	414	4458	
CHILED WATER PRESSURE DROP (MAK)	PT HG	1	
CHILLED WATER COIL ROWS			
CHILLED WICTER COIL FINS PER INCH		- 11	
HEAT COIL CONFIGURATION			
HEATING COIL CAPACITY	Mile	383	
HC ART TEMPERATURE DIFFERENTIAL	'FD6	36	
HC LEAVING AIR TEMPERATURE	700	91	
HOT WATER FLOW RATE	GPM	27	
HOT WATER TEMP ENTLEAVING	414	575/549	
HOT WATER PRESSURE DROP BAX:	FT ING.	43	
HOT WATERCOIL ROWSEN SPACING	FPI	611	
30% FILTER STATIC (CLEANDINTY)	IN WG	0.21/10	
HEATING COIL STATIC	m wo	0.08	
COOLING COIL STATIC	AN WG	0.54	
EXTERNAL STATIC	24 WG	- 1	
TOTAL STATIC PRESSURE DROP	IN WG	3.77	
AHU FAN BRAKE HORSEPOWER	8+4*	87	
AHU FAX MOTOR HORSEPOWER	140*	15	
AHU ELECTRICAL CHARACTERISTICS	SHOW	4603400	
CABINET DIMENSIONS (LYWYH)	Ph .	116452400	
FAN DISCHARGE POSITION	-	UPBLAST	
APPLICABLE NOTES	4.1	14	

VAV TERMINAL UNIT SCHE			
BOX DESIGNATION		DATH .	
NOMINAL NUET AIR VALVE SIZE	194	· · · · ·	
PRIMARY SERVICE AREA SERVED		OUTSIDE ARI	
PRIMARY ARE (DESIGNISELECTION)	CPM	1000/2000	
TERMINAL TYPE		SOVAY	

R FLOW RANGE (CPM)	NECK SIZE SIZE (N)
0-100	810
101-200	870
201-400	10'0
401.600	1218

AY-IN RET./EXH. AIR GRILLE CONNECTION SIZES				
NR FLOW RANGE (CPM)	NECKDUCT CONNECTION SIZE (LOS) (A)			
5-100	6.0			
101-175	ing			
178-300	1078			
301-450	1298			
411-600	1470			

MODUL	E/CONNECTION	SIZES
ARI FLOW RANGE (CPM)	MODULE SIZE (N)	DUCT SIZE
25-100	.00	670
101-200	10810	810
201-300	12012	1095
301-400	140014	1210
401.600	16218	tirp

MODULEC	ONNECTION SIZES
AIR FLOW RANGE (CPM)	MODULE & DUCTINECK SIZE (N
25-100	12012-09
101-200	10019-858
201-300	20120-108
301-400	24/24/12/0

VAV SUPPLY TRUNK SIZE SCHEDULE (UOS)		
BOX PALET EIGH	DOWNSTREAM SUPPLY TRUNK SIZE	
9	1000	
8"	HOKTO	
8"	1000	
10"	10014	
12"	160/16	



NOTES

CK SCHEDULE			VENTILATION SCHEDULE	PER FBC	SECTIO	N 403 I	ORFO	RT BR	DEN B	UILDIN	iG 9				_	DIFFUSER, GRILLE, AND VENT SCHEDULE					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			FR.1				1 -	1							-3		_	TYPE	DESCRIPTION	MODEL	REMAKS
W DESIGNS	IELECT)	CFM	1600/20		ZONE NAME	AHIT	No.	Pt	Ha	Vhr	Ea (2)	Yes	Vye	to.	Ev	0	VHCD		ARCHITECTURAL SQUARE PLAQUE SUPPLY AIR CRILLS	TITUS	LAY-IN TYPE, SQUARE PLAQUE OF 22 GA STEEL WITH
AR VELOCIT	Y (MAXL):	FFM	500		PRIMARY DRS (DPU-1)	8700	10.	C166	8.12	2544	0.8	2180	8150	4.50	0.7	0.5	880 (0)	0			FORMED EDGES, WHITE FINSH, 20034 MODULE SO WITH OFTIGNAL FACTORY MOLDED INSULATION
REDNOP ICE	EANDRITY)	AVIIG	0.1963	1.1											-	-		(INGLILATED)		BLANKET, MECK SIZE PER FLOW SCHEDULE	
REA (MIN)		SF .			GENERAL NOTE: MAKE-UP DESIGN AIR TO AHU = 159	a minut												1	PERFORATED		LAY-IN TYPE, SHIP & HOURS ON HIP CENTERS.
TERS & SIZE	5 5		1.EA241	10:	MAKE UP MAMMAM FOR 5-12 CFM /												- 1	0	RETURN AIR OFFILE	PAR	ALUMINUM CONSTRUCTION, WHITE PINISH, 34X34 MODULE SOTE MEDIC SUPERFEIR DOWNARD SCHIEDLES
ESSTYPE			2" PLEATED I	MERV'S	COU BASED CONTROL BETWEEN 10		thi :										- 1	-			
AL.			DISPOSABLE MEDIA TOLET EXHAUST - 6 X 75 - MSQ CPM EF-1 AMERICAN ARE FLITER COM ROOM SUPPLY (NO RETURN) 150 CPM										- 1	0	CELING RETURN		SURFACE MOUNT, ALLMINUM CONSTRUCTION, 35 FIXED DEPLECTION BLADES ON SIZ CENTER, WHI				
DV MANUFAC					ELECTRICAL ROOM SUPPLY IND RE												- 1	10	NH DRUE	300	FINISH, 12x12 NOMINAL SIZE
ON DESIGNAT	XON:		BIDE ACC	633	MINIMUM POSITIVE BUILDING BALA		+ 200 CPM										- 1	\vdash		-	
783			1,23		MAXAMUM POSITIVE BUADING BALANCE + THI CPM COST DEMAND CONTROL RETWEEN THE DESIGN AND MINIMAN DUTSIDE AN QUANTIES.										0	CELNG SUPPLY AR DRILE	1111.05	DEFLECTION, ALLMINIAN ADJ. BLADES DV SIT CENTE			
AGED ACCE					REFERENCED NOTES	THE DESIGNATION	O constants	-		-							- 1	0	ner details	-	WHITE FINISH, 10KS NOMINAL SIZE
STEEL HOUS					1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C												- 1	1000		-	STEEL CONSTRUCTION SURFACE NOUNT SIGNIFIED
IT A REAR CO	MINECTION FLAN	ort.			AREA (SP) IN CALCULATIONS IS 1 CELLING SUPPLY OF WARM AREA DESIGN OUTDOOR ARE INTAKE R AMMERIYATIONS.	NO CELING RE				1,780;581	TION 423							004	DOOR RETURN GRILLE	T-7008.	RDS WHITE PINCH, WITH AUXILIARY INSIDE FRAME TH TEXTS WORKING, SIZE
					No-PEOPLE OUTDOOR AR RATE IS	FMPERSON:	20-1	WIMARY (NOOGTUG	AR FRAC	CPK + Vest	Nye.					- 1	-			
W/90-750	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	Pa-20NE OCCUPANTS OR NUMBER	OR PROPUE	Vac	FRANKY	ARFLOW	(CPM) (+i-	194						- 1				
104	104	504	808	902			7		ECTED OU		-						- 1	_			
MOUE DUCT	SINGLE DUCT	SINGLE DUCT	SINGLE DUCT	BNGLE DUCT	Az - ZONE PLOOR MEA (SP)		100	CHACOLOGI	ECHED OO	TOO OK NO	- June						- 1	1000			

180	1000
\$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100	
NLET AR VALVE SIZE IN 8 5 10 10 10 10 10	811 VAV-7-812
NLET AR VALVE SIZE IN 8 10 10 10 10 10	15
MAX PREMARY ARK CFM 400 1450 1450 1450 1450 1450	1450
NOTES 123 123 123 123 12	12.5

PRIMARY CRE (GPU-1) 8700		777	31,750				3180	4100	5.59	97		188013
CINCRA SOCTE. MARKELP DESEM ARE TO ARE = 1500 CPM MARKELP MARKELR POR G. SI CPM / FT = 160 COB SHARED CORPING, BETTWEEN HORO MAY. TOLGE SEMANDET = 0, XT = 1400; CPM / FT. TOLGE SEMANDET = 0, XT = 1400; CPM / FT. ELECTROCA, HOOM BUPPLY NO RETURNING BLACKSCA, HOOM BUPPLY NO RETURNING BLACKSCA, HOOM BUPPLY NO RETURNING BLACKSCA, BOOM BUPPLY NO RETURNING BLACKSCA, BOOM BUPPLY NO RETURNING COOL DOMAND CONTROL BETWEEN THE DES- SERVERINGES DATES.	1050 MIN 0 CFM KS - 850 +: 0 CFM		N/THOS:	er ouwe	ns.							
 AREA (SP) IN CALCULATIONS IS NET OCC. CELLING SUPPLY OF WARM ARE AND CELLIS. DESIGN OUTDOOR ARE INTAKE RATE (Visi) ABBREYNATIONS. 	NG METU											
No-PEOPLE OUTDOOR AR RATE (CPMPER)	ON:	20-79	HIMARY O	UTDOOR	AR PRACTI	CPK + VHI	Nye					
Pz - ZONE OCCUPANTS OR NUMBER OR PEO	ne .	Yar - FRIMARY ARIFLOW (CFM) (+1-8%)										
Az - ZONE PLOOR AREA (SF)		Yes-UNCORRECTED OUTDOOR AIR (CFM)										
Rs - AREA DUTDOOR ARI RATE (CPWSF)		Ps - SYSTEM POPULATION (DESIGN TOTAL)										
Ez - ZONE AIR DISTRIBUTION EFFECTIVENES	3	Vat-0	итрооп	AR NTA	OT (MINAM)	M VENTS	LATION CI	rija - Vo	vZv			
EV-SYSTEM VENTILATION EFFICIENCY		168,-16	OT APPLY	SABLE								
		1			-	and the same	down't					
Voi - ZONE OUTDOOR ARE + VIsites		0.00	CHANGE	DIVERDITY	174000	The Wift in						

TYPE	DESCRIPTION	MODEL	REMAKS	PATTERN	DAMPER
0	ARCHITECTURAL SQUARE PLAQUE SUPPLY AIR CRILLE (INSLLATED)	TITUS	LAF IN TYPE, SQUARE PLAQUE OF 22 GA STEEL WITH FORMED EXCESS, WHITE FINISH, 2XX24 MODULE SIZE, WITH OFTOMAL FACTORY MOLDED MISLANDER, MEDICAL FROM SCHEDULE.	4-WAY	NO
0	PERFORATED RETURN AIR OFFILE	TITUS	LAK-IN TYPE, 5/19" & HOLES ON 1-1" CENTERS. ALUMINAM CONSTRUCTION, WHITE PINSH, 24XXX MODILE SIZE, NECK SIZE PER FLOW AND SCHEDULES.	164	. NO
0	CELLING RETURN AIR GROLLE	TITLE 300%	SURFACE MOUNT, ALLMINUM CONSTRUCTION, 35° FIXED DEFLECTION BLADES ON 34° CENTER, WHITE FINISH, 12/12 NOMINAL SIZE	NA.	NO
0	CELING SUPPLY ARI ORLLE	111US 300FS	SURFACE MOUNT, ALLAMMUM CONSTRUCTION, DOUBLE DEFLECTION, ALLAMMUM ADJ BLADES ON 3H* CENTER, WHITE FINISH, 10KB NOMINAL SIZE	2-MAY	NO
004	DOOR RETURN GRILLE	7:700A	STEEL CONSTRUCTION, SURFACE MOUNT, SIGHTFROOF POR WHITE FINEH, WITH AUXILIARY INSIDE FRAME/TRIM, 18X18 NOMINAL SUZE.	NA	NA.
-					Г

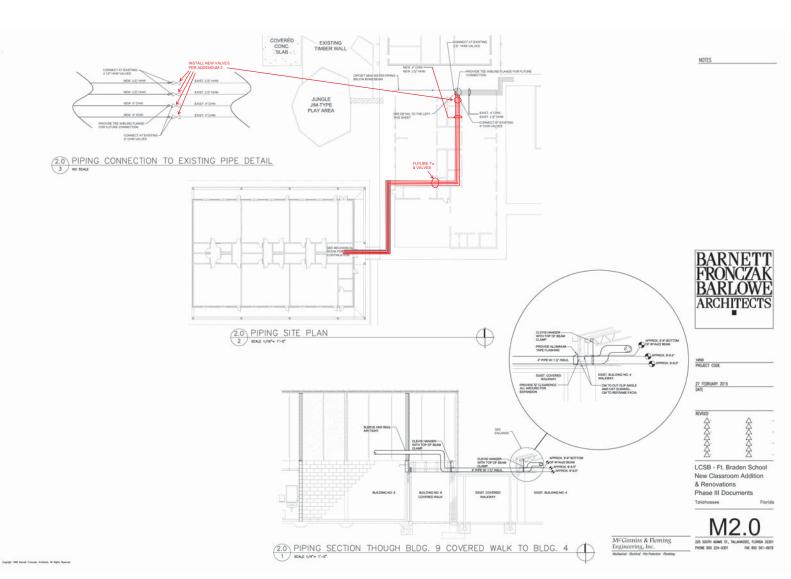
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Phase III Documents

McGinniss & Fleming Engineering, Inc.

M1.2 225 5007H ADMS 5%, TRLEAVISEE, FLORISA 32301 PHONE 850 224-6301 FAX: 800 541-6976





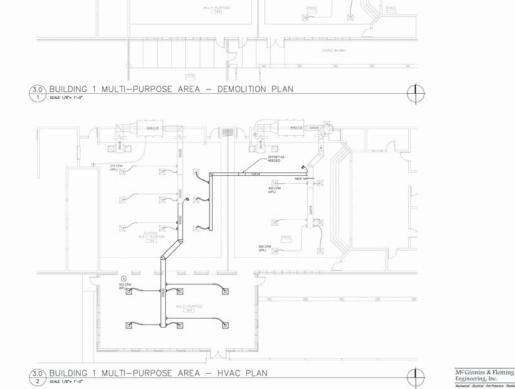
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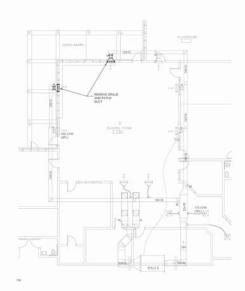
27 FEBRUARY 2015 DATE

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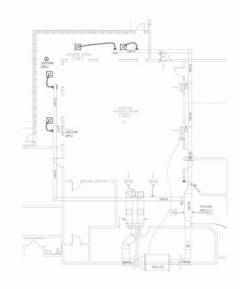
M3.0 225 SOUTH ADMIS ST., TALLAMISSEE, FLORIDA 32301 PHONE 850 224-6301 FAX 850 541-6978



J.



3.1 BUILDING 1 MEDIA CENTER AREA - DEMOLITION PLAN



3.1 BUILDING 1 MEDIA CENTER AREA - HVAC PLAN

- PISTALL NEW SUPPLY ARE GRILLED TO SERVE READING HOOM AS INDICATED.



PROJECT CODE

27 FEBRUARY 2015 DATE

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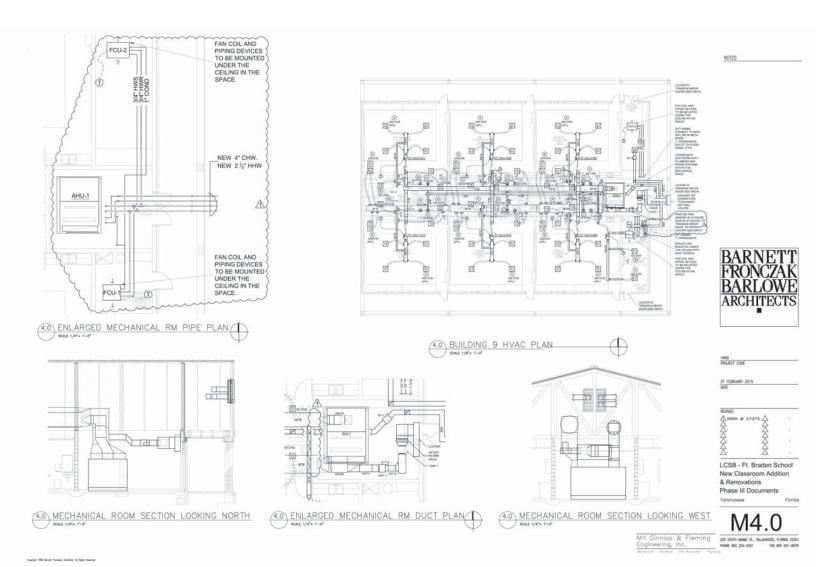
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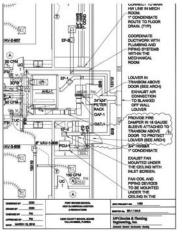
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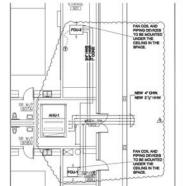
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225 SOUTH ADMIS ST., TALLAMSSEE, PLORIDA 32301 PHONE 850 224-6301 FAX 850 561-6978

lagright 1856 Servell François, Architecto, All Rights Reserved







POPT SPACES SCHOOL LIEST COLUMN SCHOOL SCHOOL

ADDENDUM 1 1



HAVE CONTROLS - BY CHARRES CONTRACTOR
- THE INSCHANCEAL CONTRACTOR SHALL COORD
- CONTROLS CONTRACTOR SHALL PROVIDE THE R
CONTRACTOR

VARIABLE ARE VOLUME AND LINES:

SOMEOUE AND TANK ON COUPERDANCOURTED WITH HOST THRESTRED SET SACK, VALOCIUMED MAN HOST RESERVAN MORE WITH HOST WAS A THOU SOME TO THE WITHOUT OF STREET AND THE RESERVANCE HAS A WAS ANTANCE SET SACK THE PRESENTANCE AND TO CONTINUE AT USES THAN SEE.

OPERATE UNIT IN A VARIABLE BUPPLY ARE TEMPERATURE MODE (HEAT OR COOK) BASED UPON POLE OF SPACE RE ALTERNATE HIGHTING AND COOKING IF INICESSARY.

MODULATE CHW COL VALVE TO MANTAN LEAVING ARI TEMPERATURE (LAT) IN COOLING MODE OF APPROXIMATELY SIF. PROVIDE SUPPLY ARI RESET UP TO 50°F WHILE MANTANING RIH-SIFL, WHEN PH EXCEEDS 60% DISABLE SUPPLY RESET AND OPERATE COLD DISCN AT ME.

PROVIDE HIGH STATIC PRESSURE CUTOUT. PROVIDE HARD WRIED HIGH STATIC SWITCH

- CORD VICE PROME TO STATE OF AND
VICENSE AN OUTLASE EXPRESSED STATEOUT HEAT.

- HOUSE TERMINAL EXPRESSED STATEOUT HEAT.

- HOUSE TERMINAL EXPRESSED STATEOUT HEAT.

- HOUSE TERMINAL HOUSE STATEOUT HOUSE STATEOUT AT STATEOUT HEAT HEAT HEAT HOUSE HOUSE STATEOUT HOUSE STATEOUT

HESET SPACE TEMPERATURE SETPOINT 1°F (ADJ) ABOVE/SELOW NORMAL OCCUPIED SETPOINT WHEN SPACE IS TEMPI UNDOCCUPIED AS INDICATED BY MONTORING OF THE ROOM LIGHTING STATUS (SEE SELDW).

CHARGE THE ARE RECOVER OF THE TYPE ADMINISTRATION AND ADMINISTRATION OF THE AREA STACE OF TRANSPARLY
**CALLIFLES EXTENDED GENERALS, LINTED MANDES
**CALLIFLES EXTENDED GENERALS, LINTED MANDES
**CALLIFLES EXTENDED GENERALS, LINTED DEFENDED, CONTROL OF THE CONT

FAM SIGN.

LINCHTON MOREOTT TEMPRATURE AND REDUCE VENTLATION TO THE MINISTAN FLORENTS (SEE VENTLATION BORDCAEL WINGS AMBIENT CONCITIONS SEVOND ARREST CONCITIONS SEVOND ARREST CONCITIONS SEVOND ARREST CONCITIONS SEVOND FLORENCE AND REPORT ARE RECOGNITIVED OF CONCITIONS SEVOND WINTERS AND RECOGNITIVED OF CONCITIONS SEVOND WINTERS AND RECOGNITIVE SEVOND SEVOND

SECTION OF THE COLUMN THE PROPERTY OF THE COLUMN THE CO

EXHAUST FAME

JAINTOR CLOSET EXHAUST FAHHAS 2-SPEED CONTROL (SEE DV. 16). SO-VEDULE FAN OCCUPIED I UNOCCUPIED HIGH / LOW FAN TO STOP FOR FREEZE CONTROL IF ROOM TEMPERATURE FALLS BELOW SIP.

- OUTSIDE STORAGE EXHAUST FAN HAS 2-SPEED CONTROL (SEE SW. 16). SCHEDULE FAN OCCUPIED I UNOCCUPIED HIGH LOW SPEED. FAN TO STOP FOR FREEZE CONTROL IF ROOM TEMPERATURE FALLS BELOW SW.

PROVIDE SCHEDULED SYSTEM FLUSH FOR 10 HOUR EVERY SURGAY WOUL

GRAPHICS, PROGRAMMING, AND TESTING.

SOCIONAL PROCESSIONAL COLUMNATOR DE CONTOLLES (TEME, DEVICES, EQUIPMENT, ETC.
-PROCESSIONAL PROCESSIONAL TEMES ALARMA ETC.
-PROCESSIONAL PROCESSIONAL TEMES ALARMA ETC.
-PROCESSIONAL TEMES ALARMA ENCORPORTE DE L'OUPMENT, DEVOIE, ETC. CORRECT BEFORDES MO RETEST.
-PROCESSIONAL TEMES ALARMA ENCORPORTE.

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	104/04/1469)	DIFFERENTIAL PRESS.	PLOMBATE	ž	100	100	STATIC PRESSURE	status	FLOW SWITDY	STATIC PRESS SAFTON	PHEOGRAPH (HERTZ)		START/STOP	DAMPER CONTROL	2.4		SET POINT ADJUST	номужения мог	24		OENEWS.	TOARDANUE	RH OUT OF RANGE.		angaos	SET PONT HERET	101%	3.4	VFD INTERPREE	19000000	Colo de designation
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SMOKE DETECTORS							т	×		П									п		×								×	м	Б
FILTER STATUS		ж						X													X								_	×	15
CC VALVE.				т			т										х	×	П											×	15
HC VALVE											П					П	X	X	П											×	13
SUPPLYARE	ж						П										×		П			х				×				×	1
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OCCUPED UNOCCUPED								×																						×	15

SINGLE DUCT									CON	THOS	PON	*											- 8	rste	M FE	ATUR.	ES.			
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	TEMPERATURE (F)	8	PLOW NATE	ž	000	CPH	новшон	storus	PLOW SWITCH	SPACE OCC SENSOR		#1520Y 1410A		TARES OVER RIDE			SET PORT AGAINT	PROPORTIONAL MOD.		CONDIM	TEMPERATURE			SCHOOLE	MOVENCE	TOTAL.		VPD INTERNACE	19END L003	COLONGRAMMO
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OUTSIDE AIR									DON	THOU	POR	etts.											1575	MPE	ATUME	1			
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TERMINALS				ANA	00					HQIT	Ñ.			Dig	LITAL.			AN	4.00		ALAH	MS.		CALC	ULATE	Ď		GNI,	
(OAF) & (OAT)	TEMPERATURE (*)	a	FLOW SATE	-	vov.	CPH		BTATUS	FLOW SWITCH				STARTISTOP	TAMES DVERRIDG.			BET FORM ADAUST	PROPORTIONAL MOD.		CENERAL.	TEMPERATURE		SONDAL	BEOLENCE	rotal.		VID INTERNACE	0010494	COLOR GRAPHIC
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FLOW SENSOR	т	т	×	П	т			П							т	т	П						г	П	П	╛		_	г
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FANS						110	viti								- 6	MTF	uti							PR	oon	MS				
10.000				NA	-00					pigr	14.			DG	ita,			ANK	04		N,A	ME.	33		CALI	ULA	TED		QAL.	
	(d) Settleburgs	à	PLOWANTE	14	100	*6	Chestort (west)	BTATUS.	FLOW SWITCH				STARE/STOR	THEO OVERHOR			SET POINT ADJUST	неомонтоми, моо.		DENEMA	TEMPERATURE		15000000	30400400	SECURICE	101%		VPD INTERFACE	THEMD LOS	COLDHIDAMHC
FANACTOR							×						×			╗	П			×				X		П			Ж.	×

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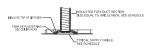
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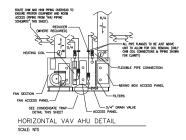


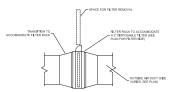
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Tallahassee Flor 225 SOUTH ADAMS ST., TALLAHASSEE, FLORIDA 32301 PHONE 850 224-6301 FAX 850 561-6978

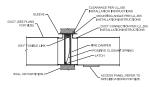


SUPPLY GRILLE INSULATION DETAIL SCALE: NTS

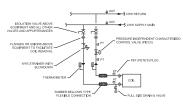




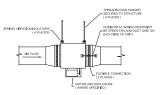
FILTER RACK DETAIL (PLAN VIEW)



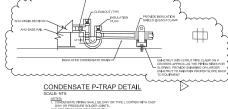
FIRE DAMPER DETAIL SCALE: NTS

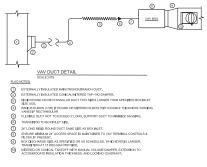


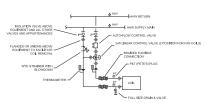
TYPICAL COOLING COIL CONNECTION DETAIL



INLINE FAN DETAIL







TYPICAL HEATING COIL CONNECTION DETAIL

NOTES:

1. SEE PING PLAN FOR PIPING LAYOUT 8 SIZES.

2. USE DELECTRIC UNIONSELANCES TO BOLATE DESIRALAR IMPERIALS.

2. USE DELECTRIC UNIONSELANCES TO BOLATE DESIRALAR IMPERIALS.

3. SUPPORT PIPIN PRIOR STRUCTURE. NO WEIGHT SHALL BEAR ON EDUPMENT.

4. PROTURE ACCESS TO CONTROL VALVES, UNIONS, APPURTEMENCES, ETC. MA

COMM HISLANDER.

BARNETT FRONCZAK BARLOWE ARCHITECTS

NOTES

PROJECT CODE

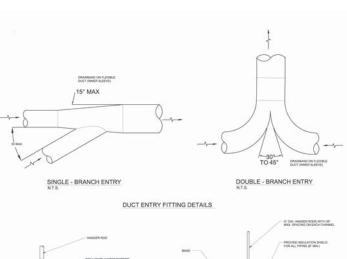
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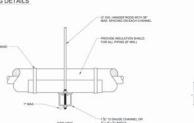
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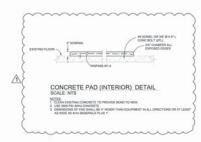
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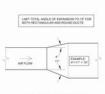
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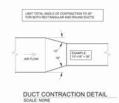


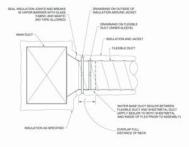




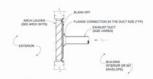
DUCT TRANFORMATION DETAIL SCALE: NONE



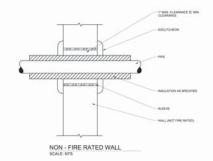




FLEXIBLE DUCT TERMINATION DETAIL



LOUVER DETAIL SCALE: NTS





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M6.1

ADJUSTABLE CLEVIS HANGER

Designation	Description
SAX-	- NEW SANITARY WASTE PIPMS
	NEW COLD WATER PIPMS
	NEW HOT WATER PIPING
	- VENT PIPMS
	TRAP PRINCIP PIPMS
VIR	VENT THRU ROOF
\rightarrow	HOSE BBB
ᅙ	BALL VALVE
W D was	WATER HAMMER ARRESTER

TYPE	DESCRIPTION	MODEL	TRIM & ACCESSORIES	RUN	OUT S	ZES
	0.0001011011			COLD		WASTE
WC-E	ADA WATER CLOSET FOR CHILDRENS USE - FLOOR MOUNT, VITRICUIS CHINA, 14" RISH NOT, ELONGATED DOWL, SEPHON JET FLISH, 1-10" TOP SPLIO, 1.6 GALLON FLUSH.	NOHLER WELLCOAME K-4350	ZURN Z0000AV EXPOSED FLISH VALVE, 1.6 GALLON FLUSH, TRIPLE FL TERED, CHRONE PLATER X-869 FLORESTED SOLID PLASTIC CHEN PROST EAST WITH CHECK HINGE AND BOLT DAPS. ESCUTCHEON PLATEW SET SCHEN.	*		*
kd	BRADLEY TERRIEON WALL-HUNG BINGLE BOIN, LAVATORY, BOWL DNLY, SINGLE FAUCET HOLE, PROVIDE OPTIONAL, THAP COVER, BSE ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS.	BRACKEY MODEL 58-1N	PROVIDE T & S METERING FALCET MODEL 8-0805, ADA COMPLIANT, VANDAL RESISTANT, SINGLE FALCET HOLE, CRAIN, STRANGER, PHENA PAICH TALPRICE, SINGLE LINE WI STOP, ETHANEER, CHECK VALVES STREE, WALL BRACKET.	10"		1/10"
26.1	COL CORP. HAY T SYNCE DOWN, SINK AND DYNAMOUS FOUNTAIN COMMINISTON. I GOL THEY GOS STRANGES STEEL SHE CHARLES STRANGES STRANGES STEEL SHE CHARLES ONLY SINGLE HOLE FOR BUSINESS. COLD WATER ONLY SINGLE HOLE FOR BUSINESS.	ELHAY OHKAO 2229C	BLAY INC. 298 DICK MONT FROD GOODSHIP FAUCT, 1996 AND I MANCE VANGE MERITARY 2 DAY REMITTER 150 CONTROL CHROME PARTY TO FINA PLEE CAMPO CHROME PARTY TO FINA PLEE CAMPO CHROME PARTY FAUCH PARTY CAST BRASS IT GA. 1107 OFFST CRAMA INTERPRECIAMOUT, 10 AS FAMALES THAN PROSPECT CRAMA IN THAP WE CLAMOUT, 10 AS FAMALES THAN BRASS WITH STORM FOR CLAMOUT, 11 AS FAMALES THAN BRASS WITH STORM FOR THE CAMPOUT OF THE CAMP	107	*	512
MIL1	ACORN TERRAZO JE' CORNER ROLAD MOP SINK, BEEHNE DOME STRANDER, 12" HEISET, STANLESS STEEL CAP, 30" LONG HOSE WICH HALL HANGER, MOP HANGER WITH 3 CRIPS ON A STANLESS STEEL BRACKET, 2 SIGE WALL GLARDS	ACORN TOR-28	PROVIDE TAS BIOSS-BSTP SERVICE SINK FALCET WI POLISHED CHROME FINISH, BUILT-IN STOPS, VACUUM BREADER, LYCHE HANGLES, WALL BRACE, & SH' GARDEN HOSE OUTLET.	34	34"	r
EWH1	10 GALLON ELECTRIC MATER HEATER WITH MALL MOUNT BRACKET AND PLASTIC DRAW PAN.	A.O. SMITH DEL-10	19 GALLON GLASS LINED TANK, ZING PLATED COPPER SHEATHS, (1) - 2 KW ELEMENT, 2087 IS: 14 GPH RECOVERY @ 60" RISE.	34"	34"	
FO-1	CAST IRON GENERAL SERVICE FLOOR DRAW WITH HOUND TOP WITH AUGULARY TRAP PRIMER FITTING	2 R. SMTH FIG. 2010	DUCG COATED CAST ROW BODY WE FLASHING COLLAR AND ADJUSTABLE IT ROWED NOWS, BROWN STRANGE, SECREBLY BUCKET, AT SHIT 2005 AUDICANY CAST RICH TRAF PRIMER PITTING WITH VST WIT TAPPING.	10"		*
F00-1	CAST IRON FLOOR CLEANOUT WITH SQUARE ACQUISTABLE SCOREATED NICHEL BROAZE TOR	J.R. SMITH 4040-PB SERVES	FLASHING CLAMP AND FLASHING FLANGE, BRONZE FLUG.	-	*	4"
1,003	EXTERIOR CAST RION FLOOR CLEANOUT.	JR SMTH 4237 SERIES	FLASHING CLAMP AND FLASHING FLANGE, SPICNET FLUG. ROUND ADJUSTABLE SCORNTED CAST IRON TOP WITH NON-TILT TRACTOR COVER.	-	-	*
191	BRASS ANTI-SIPHON WALL FAUCET.	MODEL 24	34" NPT MALE INLET, LODGE TEE KEY, ADJUSTABLE FACKING NUT WITH DEEP STEM QUARD.	ar.	œ	7.00
20-1	UNDER-LAY FLOOR DRAIN TRAP PRIMER VALVE.	PRP PRO1-PR00	CHROME PLATED ANGLE STOP WISE COMP. HTTMG. SHI COMP. LAV FITTING. 10" NPT x 58" COMP. 10" LD. CORPER TUPE AND ESCUTCHEEN.	10"		-

PLUMBING NOTES

3. ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE CODE STANDARDS HICLIONIS. FLORIDA BULDING CODE, SULDING FEG. 19, 2011 EDITION. FLORIDA BULDING CODE, RULAMON FEG. 19, 2011 EDITION APPA TO, NATIONAL ELECTRIC CODE, MICE, 2008 ESTITION STATE AND LOCK. CODES AND ORDINANCES.

A. THE BIODERS SHALL INSPECT THE PRESENT JOB SITE CONCITIONS BEFORE PREPARING A BIO.
THE SUBMISSION OF A BIO WILL BE CONSISSING EVENTS SUCH A VISIT AND INSPECTION
WAS PREFORMED BY THE BOORS AND THAT HE TAYES FULL RESPONSIBILITY FOR ALL FACTORS
CONSISSING HIS MORE.

1. PLUMBING PLANS ARE SCHEMATIC LOCATE PIPING TO AVOID FIELD INTERFERENCES. CHANGES IN THE PIPING SCHEMATIC REQUIRE PRIOR MPHOVIAL OF THE ENGINEER.

3. THE CONTRACTOR IS EXPECTED TO VERRY DIMENSIONS AND FIELD FARRICATE PIPMS AS NECESSARY TO ACCOMMODATE CONCITIONS.

4. CONNECTIONS TO MATER HEATERS AND SETWEEN PERSONS AND NONFERROUS METALLIC PIPE SHALL BE MADE WITH DELECTRIC FITTINGS.

PIPING NOTES:
1. INSTALL GRAVITY LINES AT UNIFORM GRADES.

3. SLEEVE SANTARY DRAIN PIPE WHERE IT PENETRATES OR PASSES UNDER FOURCATION, INCLUDING INTERIOR INVELS. SLEEVE SHALL SE IX PIPE SZE.

4. UNDERSLABUNDERORDUND WATER SUPPLY PIPING SHALL BE TYPE K COPPER, COPPER RITTINGS UNDER SLAB SHALL BE SILVER SOLDERED WITH HIS SILVER SOLDER, PIPING AND RITTINGS SHALL BE WRAPPED WITH WHAP TAPE IN IT'S ENTRETY.

6. PVC WATER SUPPLY PIPPING SHALL NOT BE INSTALLED LINDER CONCRETE SLABS.

E. PIC. WHICH SOMY THROUGHER DEVICES WHICH SECOND MAINTENANCE IN ACCESSIBLE LOCATIONS. PROVIDE ACCESS PANELS IF NECESSARY.

8. PIPMS RESILLATIONS ARE EXPECTED TO BE RIGID. SUPPORT AND SECURE PIPMS HACCOSCANE.

6. PIPMS RESILLATIONS ARE EXPECTED. TO BE RIGID. SUPPORT AND SECURE PIPMS HACCOSCANE.

EXTURES AND THIM

1. EQUIPMENT SHALL BE UNDAMAGED AND CLEANED.

2. ALL DOMESTIC WATER PIPING SHALL BE STERRIZED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN THE FBC, PLIANSING CODE.

3. ALL WATER SUPPLY PRING SHALL BE LEAK TESTED IN ACCORDANCE WITH THE FBC, PLANSING COCK BUT NOT LESS THAN 150 PB.

4. ALL WASTE AND VENT PIPPING SHALL BE LEAK TEXTED IN ACCORDANCE WITH THE FBC, PLLMBING COCK BUT NOT LESS THAN 10 OF HEAD.

8. NO PIPPIG SHALL BE COVERED OR CLOSED UP SEFORE INSPECTION AND APPROVAL PROVIDE TEST TESS AT COMMICTION TO EXISTING AT EACH PLOCE & AS MEDIED FOR COMPLETE TESTING.

MANUSCRIPTION FOR TRUCKHOOM AND THE RECORDERANTS OF THE LOCAL HELE THE PROPERTIES.

IN THE CONTRACTOR AND RECORD TO THE LOCAL HELE THE PROPERTIES AND RECORD CONTRACTORS AND EXPECTED TO COORDINATE AND RECORD CONTRACTORS AND EXPECTED TO CONTRACTORS AND EXPECTED TO

UNION COMPLETION OF THE WORK THE CONTRACTOR SHALL CLEAN SPACES THAT WERE
OCCUPIOD BY TEMPORARY WORK AND TEMPORARY FACULTIES. REBOYS CEIBER, RUBBIN AND
TEMPORARY FACULTIES.

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TO THE TEMPORARY FACULTIES.

2. TRAVESTION CONNECTION BETWEEN SITE PERMO AND BUILDING PLANSING SHALL OCCUR IN AN ACCESSIBLE ORIGIN SPACE. THE PLANSING CONTRACTION SHALL EXTEND THE BUILDING MATER OWNERS TO BRYOND IT OUTSIDE OF BUILDING AS INCESSIONEY TO AVGIO PIPE TRAVISITIONS UNDER MALIGRAPH.

4. PRIOR TO ANY MERK WORK THE CONTRACTOR SHALL VERIFY BY ALL MEANS AVAILABLE THE DRIECTION OF FILLIN OF ALL EXISTING PRINCIPAL WILL BE TIED INTO FOR THE ABLEW MORK. REPORT TO THE ENGINEER AND DIFFERENCES FROM INVITATION THE CONTRACT DOCUMENTS IN-OW

1. ALL MATERIALS, EQUIPMENT AND APPARATUS COVERED BY THIS SPECIFICATION SHALL BE NEW, OF CURRENT MANUFACTURE.

OF CLARRENT WALLE PCTURE.

2. BEE PROJECT SPECIFICATIONS FOR MATERIALS.

3. CONNECTION JOINTS BETWEEN PLASTIC AND METALLIC PIPE SHALL BE MADE WITH TRANSITION FITTING FOR THE SPECIFIC PLASFORE.

NOTALL BLEEVES AT ALL PENETRATIONS WHERE COMMETE MIGHT CONTACT COPPER PRIVAC PROVIDE SLEEVES AND BEAL ALL PENETRATIONS OF FALL HEIGHT WALLS ART TIGHT. PROVIDE BLEEVES AT ALL PENETRATIONS OF ILDOR: PROVIDE POLY PIPE COVER OR REJULATION WHERE COPPER PRIVACE BENCASSE WHITHIN CAN WALLS.

S. TRANSITION FROM COPPER TO PVC SHALL BE MICE WITH COPPER FF ADAPTER AND SCHEDULE RO PVC MALE ADAPTER. TRANSITIONS TO PVC SHALL ROCUR OUTSIDE MY CONCRETE SLABS. ALL SCLYENT WELD FITTINGS SHALL BE SOPICIALE BY PVC.

8. SEE SPECIFICATIONS FOR HOT MATER PIPMS INSULATION REQUIREMENTS. PROFESSIONAL INSTALLATION IS EXPECTED.

BRITHLAFICH IS EXPECTED.

15. TEMPRED WATER PPINS SHALL BE INSULATED WITH SHI PRERIOLASS & AWA

11. LANGE, ALCH, TEMPRED & COLD DOMESTIC WATER SUPPLY & RETURN PPING AT EACH VALVE LOCATIONS & DUESS THAN 20 OC.

2. ALL EXPOSED DRAIN PIPING SHALL BE CHROME PLATED BRASS NO LESS THAN 17 GAUGE, TRAPS SHALL BE 17 GAUGE FULLY CAST SRASS WITH CLEANOUT PLUGS.

SECUTO-BONE FIGURE CONTENSES WITH CLEAROUT PLUCE.
 SECUTO-BONE SHALL BE CHROME PLATED CAST BRASS WITH SET SCHOW.
 CLOSPOUT, TESTING AND INSPICTIONS.
 LOCKDINATE INSPICTIONS WITH THE SPECIFICATIONS.

S. CONTRACTOR SHALL CAMERA SEWER LINES AND PROVIDE SMOKE TEST OF THE ENTIRE HASTE AND VISIT SYSTEM.

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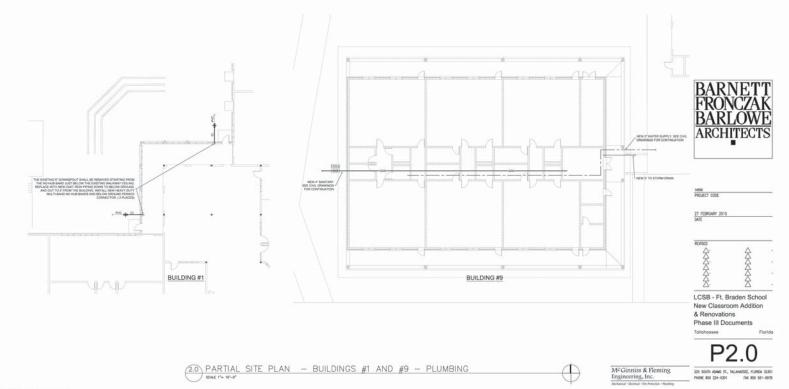
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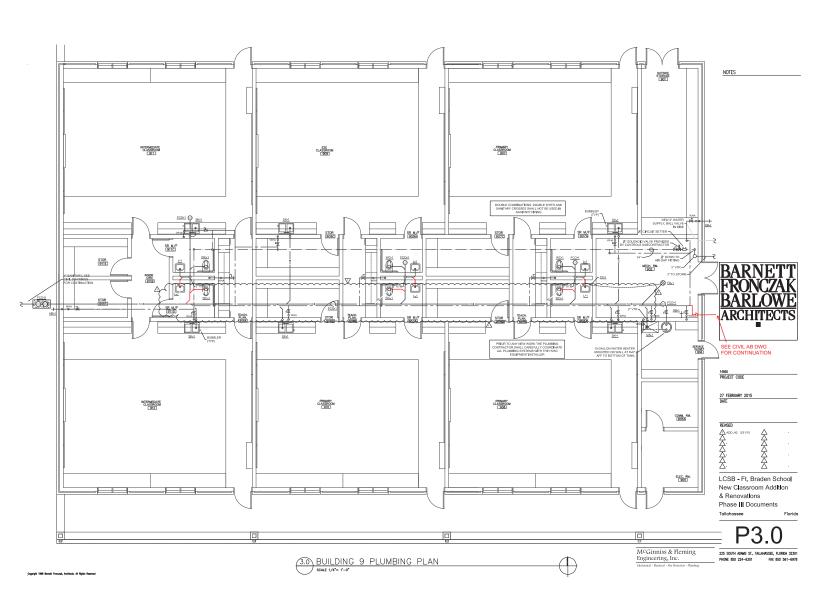
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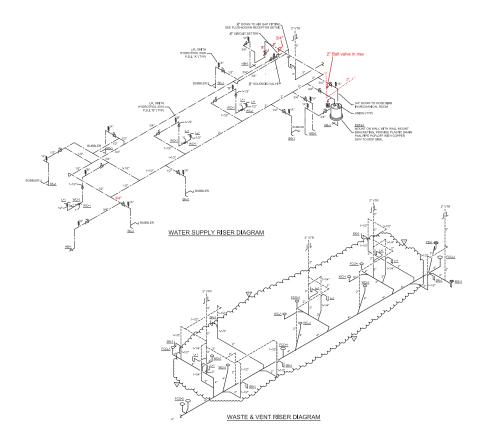
NOTES

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(2.0) PARTIAL SITE PLAN - BUILDINGS #1 AND #9 - PLUMBING



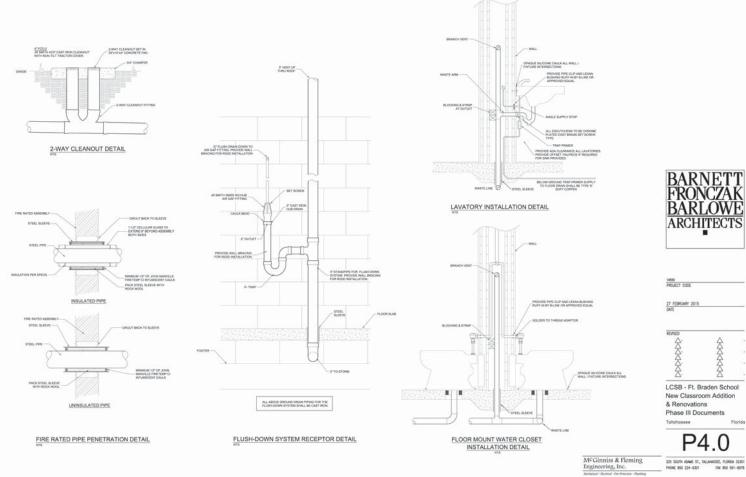




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New Classroom Addition
8. Renovations
Phase III Documents
Tailchassee Florids

P3.1





SENERAL NOTES

PHASING SHALL BE COORDINATED AND IN COMPLIANCE WITH ALL PHASING DIAWANDS AND MOTES.
ALL CONDUCTIONS SHALL BE INSTALLED IN METIA, CONDUIT ON TUBING, CONDUIT FOR BURIA, IN DIS. ON LAIGHE CONCINTE SHALL BE IN JUST ALL CONDUIT RISTALLED OUT OF COORS, IN JUST MEDIANCE, EQUIPMENT ROOM, OR IN NORMALLY WET AREAS.
SHALL BILL USUS FOR FLEX METH BUSINESS INTRIVIS.

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CONDICTOR TO THE

THE LOCATION OF FIXTURES IN MECHANICAL ELECTRICAL ROOMS, ETC. ARE SHORN FOR BIO PURPOSES ONLY. FIXTURES SHALL BE METALLED SO AS TO COCKDOACE BITCH ALL TRACES AND SHALL BE APPRAISED FOR MARIANA LIGHTED DETRIBUTION OF THE

CONDUCT SHALL BE INSTALLED TIGHT TO DECK WHERE INSTALLED ABOVE CELING, RELOCATE INCIDENTAL HANGERS BHA ETC. WHERE IN CONFLICT, MAXIMUS LISE OF SHACE.

ETC. WHERE IN CONFLICT: MUNIMEZ USE OF SPACE.

PROVIDE CONCUT EXPANSED ITTIMES WITH ENGOLOGY JUMPERS FOR ALL CONDUITS PASSING THROUGH EXPANSION JUNTS.

SEE AMONIFICIARIUM, RESILICIED CELEND PLANS FOR EXACT LOCATION OF CICLING MOUNTED EXPANSION.

ALL CELEND MOUNTED AND WALL MOUNTED EXPANSION OF CICLING MOUNTED EXPANSION.

ALL CELEND MOUNTED AND WALL MOUNTED EXPANSION OF CICLING SPALL SE LOCATED TO MODE DOOR SWINGS WHERE

RECURRIED.

THE RESENTANCE COMPRISED THE CONTRACTOR SHALL PROVIDE SCALED WALL ELEVATIONS, UPON ARCHITECTS REQUEST, WHERE ALL ALAMA, SIGNAL CARRIETS, ETC ARE INSTALLED IN OTHER THAN RECHARGE, AND ESCALED THOSE APPROVIAL ALL INDEPENDENCE CONDUCT MERIS STITEMENT THE SILLIPING SHALL SECALED TO PREVENT THE ENTERNOL OF MOSTURE AND

INFORMED CONDUCT AND COUNTY TOOKS AN REQUIRED ON THE RESIDENCY AND ASSOCIATE THE RESIDENCY AND ESSOCIATE AND ESSOC

ADDITION, RECOPPLIES INTERIOR OF BINNING OF SINKLE RECOPPLIES IN OF ACCOPPRIES.

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ANY STATEMENT OF THE PROPERTY OF THE PROPERTY OF A BRIGH POLE CRICUIT BREAKER ASSEMBLY. DO NOT USE MALTIPOLE CRICUIT BREAKER ASSEMBLY DO NOT USE MALTIPOLE CRICUIT BREAKER ASSEMBLY DO NOT USE MALTIPOLE CRICUIT BREAKER ASSEMBLY DO NOT USE MALTIPOLE CRICUITS.

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PARTITION, ELECTRICA, 100 APRIL AND 10 APR

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WIRE.

WHILE RESOURCE ALL ELECTRICAL ITEMS RIGID THE INDICATIO ALTERATION AREA. RECORDED CONCRETE TO MAINTAIN
WHITGISH FOR DESTINACE DESCURE AND COMPRISED OPERATION OF LIGHTED, WHITEIN DESCURE DESCURE TO REMAIN.
HER CONTINUED TO BE RESPONDED FOR AN EVETTING OR PRINCIPAGE OF REALES RECORDED CUTTING AND
PATCHES OF MORE THAN ARE PERFORMED BY SHALED CHATTERINE. RETURN ALL WALLS AND THEIR PROPERS TO DISCIPLE.

ARY TITEM ABOVE CELARIS IN EXISTING CORRIDORS OR ROOMS WHICH NEED TO BE RELOCATED FOR INSTALLATION OF MEW ELECTRICAL EQUIPMENT SHALL BE RELOCATED AND RECONNECTED AS REQUIRED. THIS INCLUDES BUT IS NOT LIMITED TO CONCIENT, WIRE, FINNIA, AND OLICITURE, RELOCATED SHALL BE RIMINALLY ORTHANCE CONSTRUCTION OFFICES THAT

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ANY HAZARDOUS MATERIAL OR MATERIAL POSING A THREAT TO HEALTH OR THE ENVIRONMENT SHALL BE CAREFULLY DISPOSES OF IN AN APPROVED MANNER. THIS INCLUSES, BUT IS NOT LARTED TO, FIALD, OR, AND CONTAINERS, BATTERIES, BATTERY ACD. OLS, GRAZE OR OTHER PETROLICAL PRODUCTS. OR ANTIFICEZ TO COLUMN.

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BARNETT FRONCZAK BARLOWE ARCHITECTS

PROJECT CODE

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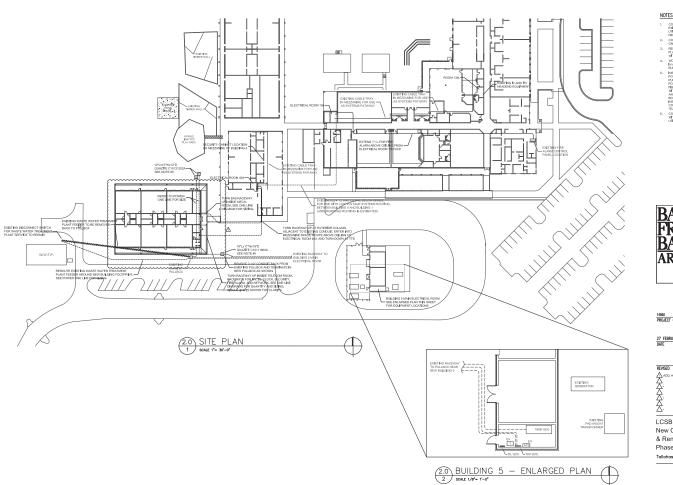
Tallahassee

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SYMBOL LEGEND



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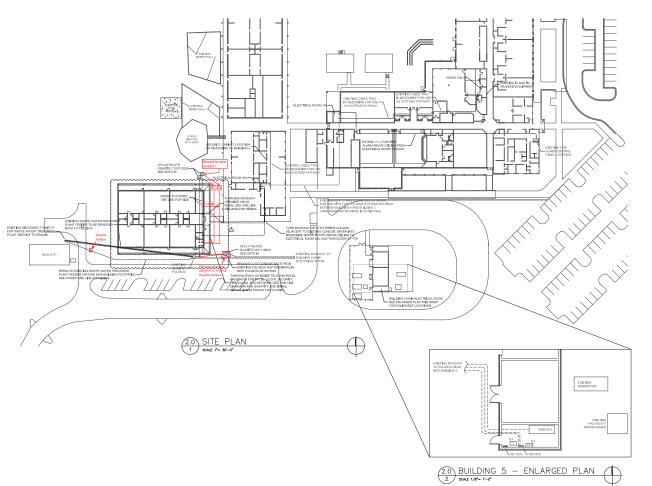
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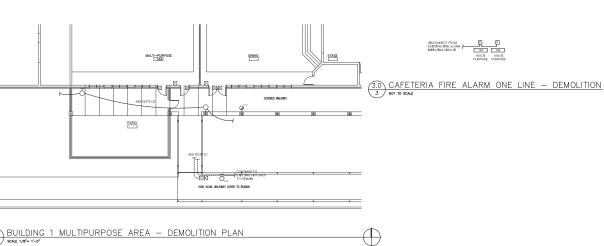
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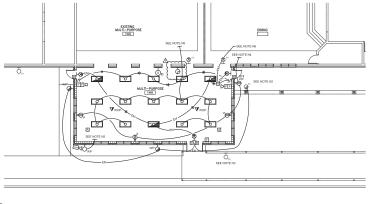
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(3.0) BUILDING 1 MULTIPURPOSE AREA - DEMOLITION PLAN



(3.0) BUILDING 1 MULTIPURPOSE AREA - NEW WORK PLAN 2) SOME 1/9° 1'-0°

3.0 CAFETERIA FIRE ALARM ONE LINE - NEW WORK
4 NOT TO SCALE

NOTES

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TEMPORALLY REMOVED BOOK TO SECURE
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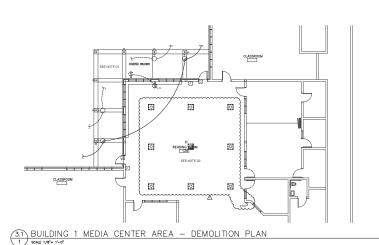
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E3.0

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3.1 MEDIA CENTER FIRE ALARM ONE LINE — DEMOLITION TO SOLE

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BARNETT FRONCZAK BARLOWE ARCHITECTS

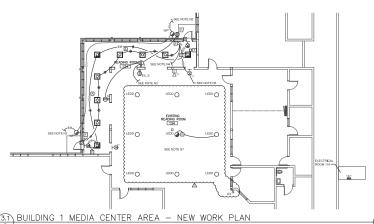
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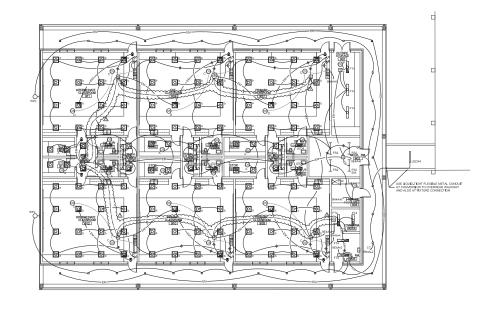
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E3.1



(3.1) MEDIA CENTER FIRE ALARM ONE LINE - NEW WORK

BUILDING 1 MEDIA CENTER AREA – NEW WORK PLAN



4.0 BUILDING 9 - LIGHTING PLAN

1 SCALE 1/8"= 1'-0"



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27 FEBRUARY 201

ADD. #2 3/31/15

ADD. #3 4/3/15

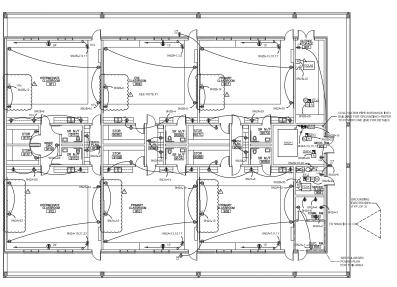
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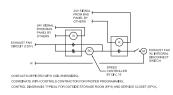
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 RECEPTACLES IN ESE CLASSROOM SHALL BE GETTYPE.
 RECEPTACLES IN STUDENT SPACES SHALL BE SAFETY TYPE (TAMPERPROOF).

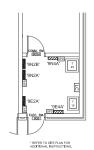


4.1 BUILDING 9 - POWER PLAN

1 SCALE 1/8"= 1'-0"



(4.1) EXHAUST FAN 2-SPEED CONTROL 2) NOT TO SCALE



4.1 ENLARGED ELECTRICAL ROOM

SOALE 1/4"= 1'-0"



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DATE

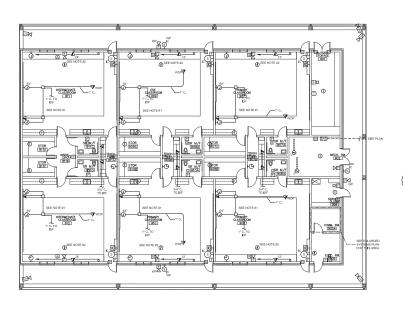
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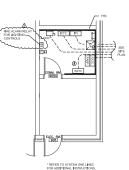
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4.2 BUILDING 9 - SYSTEMS PLAN SCALE 1/8"- 1'-0"

4.2 ENLARGED COMM. ROOM 2 SCALE 1/4"= 1"-0"



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E4.2

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FEEDER SCHEDULE AND RISER DIAGRAM NOTES:

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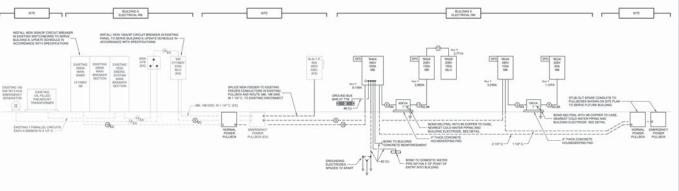
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NEW GLASSFOOM BUILD! SQUARE FOOTAGE: Appr		
LOAD	WATTERS	DEMAND
Lighting	1.0	4,778
Six Lighting:	n/a	rela
Devices	2.5	21,945
HVAC	2.0	17,006
Mac	10	8,778
Tree		\$7,057
Total VA: (Expected pt 0.85		67,126
Total Estimated Load (480 v		81 A 30
Estimated Load for Future B	uliding (480 york, 3 phase)	150 A, 30
Mrs. Service Size to Building		300 A, 30

BARNETT FRONCZAK BARLOWE ARCHITECTS



PROJECT CODE

27 FEBRUARY 2015 DATE

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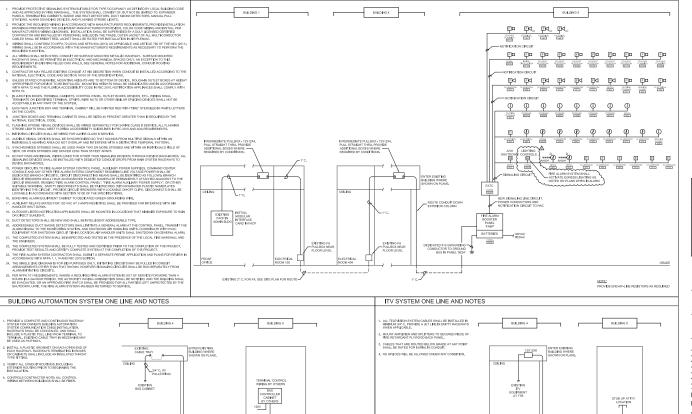
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NOTES

BUILDING 9



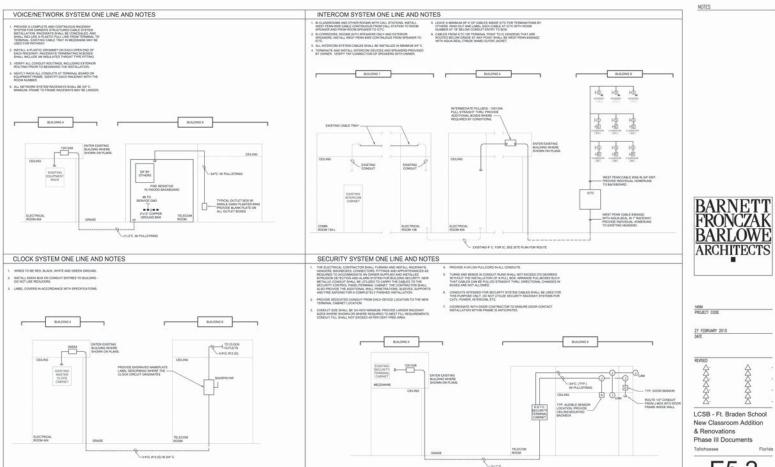
BUILDING 4

FIRE ALARM SYSTEM ONE LINE

BUILDING 1

PULLSTRING McGinniss & Fleming 225 SOUTH ADAMS ST., TALLAHASSEE, FLORIDA 32301 PHONE 850 224-6301 FAX 850 561-6978 Engineering, Inc

FIRE ALARM SYSTEM NOTES



E5.2

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PANELBOARD SCHEDULE
LEON COUNTY SCHOOLS
FT. BRADEN SCHOOL
Talahassen, Pronts
Preve <u>BEZA</u>
Lusters <u>BOS & BUSA</u>
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LOAD / REMARKS	CR. BREAKERS H.P. OR NO. AMPS POLES K.W.	LIGHTING BA DB DC	GEN RECEPT GA ØB ØC	SPECIAL SA SB SC	OR KW AMPS POLES	CR.	LOAD / REMARKS	PANELBOARD SCHEDULE
RECEPT RM. 905, 905A	1 1 2 1	Terror	1	30000000	de la companya del la companya de la	47 19	ECEPT RM, 906A	LEON COUNTY SCHOOLS
RECEPT RM. NISA	3.16.20	-	+ 1	+ 1 100	the control of the control of	1	ECEPT RM. 905A.	FT. BRADEN SCHOOL
RECEPT - RM, MISA	5.10 20 1 3 1 1 1 2		+ 1		SERVICE STREET, STREET		ECEPT RM. 901, 902, 904	Taflahassee, Florida
RECEPT RM. 908	7 1 2 1	-	1 .	30000000		1	CCEPT RM. 506, 5088	Panel SN2A
RECEPT - RM, 108	5 N 20 1 1 1 1 1 1		- 1	- 100		F10 P1	ECEPT RM. 908	
RECEPT - HM. 108	H > 20 1 1 1	1	1	-			CCEPT - RM 108 EXT.	Location BLDG. B, ELEC. HM
RECEPT - RM \$10	DF 2 1 1 - 1	-	3	Name and Address of		E17	COEPT RM. SHIL SHIDS	Service 3 Phase 4 Wee
RECEPT - RM S10	15 21 1		- 1	-		414 R	ECEPT - RM. 910	■ 208Y1120V C) 480Y077V
RECEPT RM 910	20 N 20 1 1 1 1 1		3.5	-	National Property and Property	4.9E	ECEPT RM. 918	
RECEPT - RM 9/2	10 × 20 × 1 × 1		1	Terretonia (41E	COEPT - RM 912	Marithe 150 A 3 P
RECEPT - RM 912	21 1 2 1 1 1 1		3 - 6	-		4 20 R	ECEPT - RM 912	Lugs Only - A
RECEPT - RM 1/2	21 - 21 - 1 - 1	-	5 6			422 pg	CCEPT - RM 912	10,000 AIC MA
RECEPT - NA NOW	25 1 2 1 1	-	1 5	· management		£24	CORPT - RIAL NOVE	60 Hz
BECCEPT - RM BITTA	27 > 20 1 1		1, 1		became to Scientism (see	136	COPT - RM SITE SITE SITE	
RECEPT - RM, MY, MPC	20 1 2 1 1 1 1		1.4		- 20 1 1		CORT - NA WEEKT	■ Surface recented panel
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SPARE	10 10 20	1 -			- 120 1 1		Wile	C) 200's Neutral Bar
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	Table Control of Contr	-			- 120 1 1 3	436		PROVIDE RATED FEED THRU
SPARE	27 - 28 - 3				- 120 1)	OI.	SPD	LUGS TO SERVE PANEL SHIP
SPARE	36 >		-		- 1211	490	SPD	
SPARE	41 3	-			- 20 1 1	417	SPD	

LOAD / REMARKS	BREAKIRS R.F. ANYS PER PHADE R.F. BREAKIRS CR. LOAD! OR LIGHTNG GEN RICEFT SPECIAL CR. CR. LOAD! NO ANYS POLICE KW. GA. 69. 60. 60. 60. 60. 60. 60. 60. 60. 60. 60	NEMWHS PANELBOARD SCHEDULE
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RECEPTS RM. 909	1 × 2 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1	RM, SOR, SORC FT. BRADEN SCHOOL
RECEPTS RM. 909	S P 2 P P P P P P P P P P P P P P P P P	rev. sou Taflahassee, Florida
RECEPTS - RM. 911	7.9-20 RECEPTS	RMC911 Parel 9N2B
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RECEPTS - RM B11	11 × 20 1 1	
RECEPTS - RM, W/F	UN 20 1	
NECEPTS - RM. 907	15 P 20 - 20 - 3 - 20 - 30 PANEL	■ 20811120V □ 4801077V
RECEPTS - RM. 907	77-2	Marche _ A _ P
SPARE	15 N 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
SPARE	21 - 21 - 426	Lega Only 150 A
SPARE.	23 23 11 3 4 4 4 16 3 1 422	10,000 AC No.
prwitt.	25 - 27	60 Hu.
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DANE	21 P 20 1 FGU 2	[] Flush mounted panel
SPARE.	33 > 21	[] 200% Neutral Bar
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PROJECT CODE

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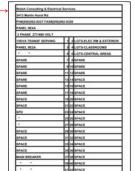
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LCSB - Ft. Braden School New Classroom Addition & Renovations Phase III Documents

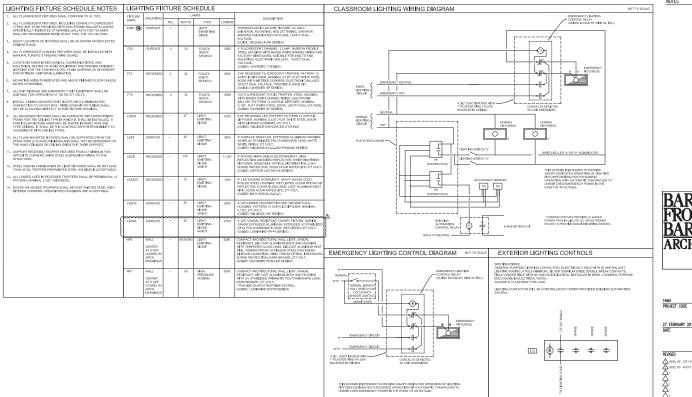
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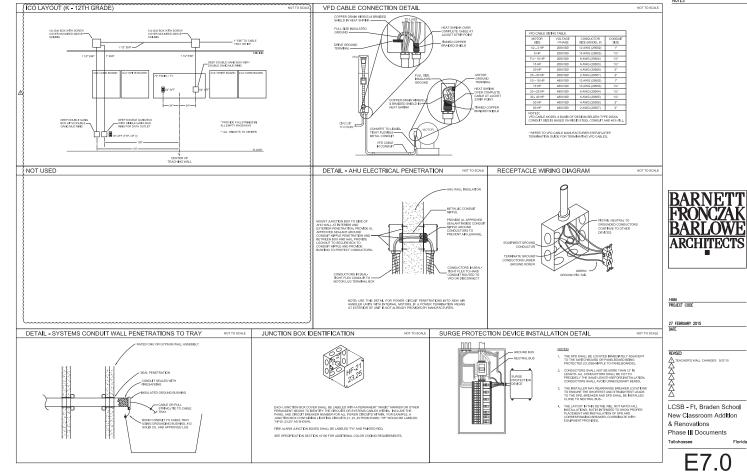
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LCSB - Ft, Braden School New Classroom Addition & Renovations Phase III Documents

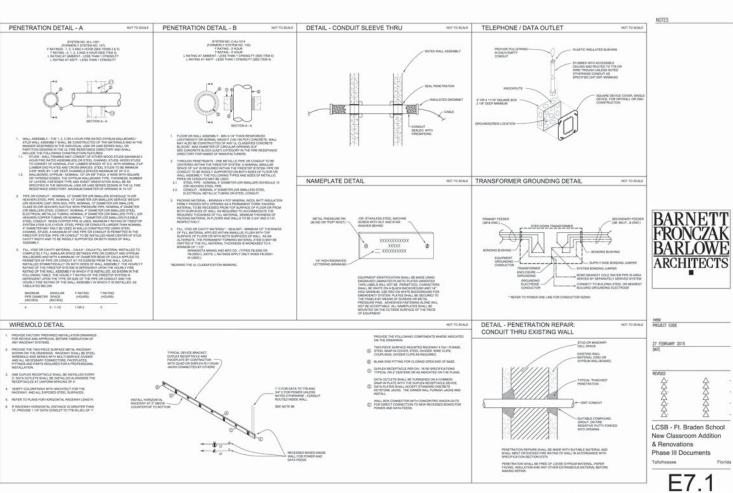
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