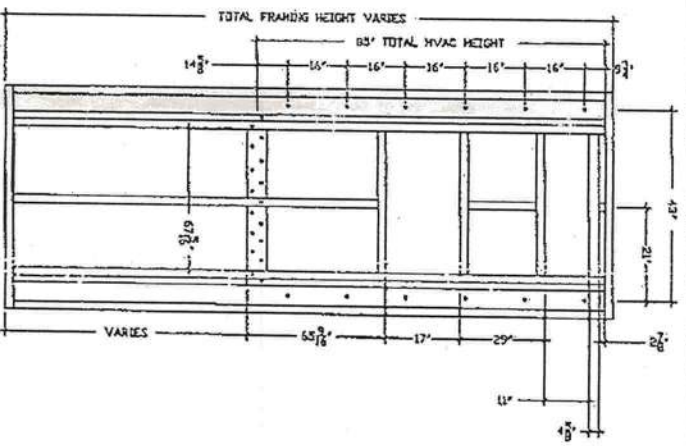


[illegible][illegible][illegible]

ITEM	MANUFACTURER	MODEL	WARRANTY
W/10K	ATLAS	A420	3 YEAR
W/20K	ATLAS	A421	3 YEAR
L/V	WILDMAN	6610	3 YEAR
L/V FLUORETS	ZURIN	Z0610	3 YEAR
D/R SHK	JST	POH-1735	3 YEAR
SWR FLUORETS	TGS BRASS	PL-0300	3 YEAR
TOB BRASS	TGS BRASS	A280	3 YEAR

A
 DCA PLANS REVIEW
 REGION OFFICE
 INC.

[illegible][illegible]

UNIT WIDTH (W/ BRACKET)

HVAC UNIT FASTENING

FASTENERS FOR HVAC SUPPORT ARE BUILDEX 1/4" HHW #3 POINT TRAXX SCREWS OR EQUAL FASTENED INTO 3625162-43 STEEL STUDS OR BETTER. INSTALL 6 FASTENERS INTO EACH SIDE BRACKET AND 17 FASTENERS INTO BOTTOM BRACKET. STUDS SHALL BE FASTENED TO ADJACENT STUDS WITH EQUIVALENT FASTENERS AT 12" o.c.

RECEIVED
COLUMBIA COUNTY BUILDING
DEPARTMENT
FOR
FILE COPY
Code
Compliance
PLANS EXAMINING

Project # 062-05049-11 Date: 11.15.05
Reviewed by: Pick the Award

Builder: Design Space, Inc

☒ Approved: *[Signature]* Date: *12/15/13*

See approved letter dated: 11.15.05

This approval in no way affects the builder from complying with all applicable current code, which may not be identified in this code.

DESIGN SPACE, INC.
81 HARTLEY WOODS RD., DUBLIN, CA 94568

DESIGN SPACE McRAE, LLC
1110 RD, PARSIPPANY, NJ 07054

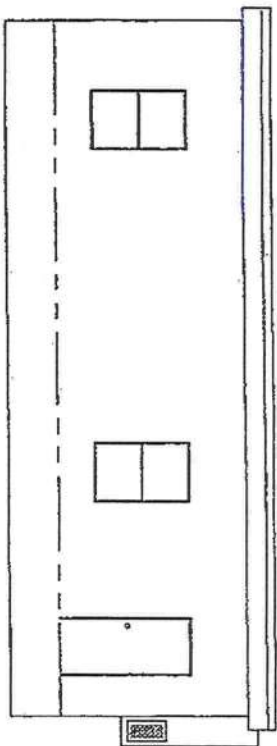
DATE: 09/09/2005	KENNETH A. GODFREY, P.E. 1500 RIDGE TOP WAY
------------------	--

COPIES: SEE COVER SHEET	FL PE/00131
REMISSIONS	

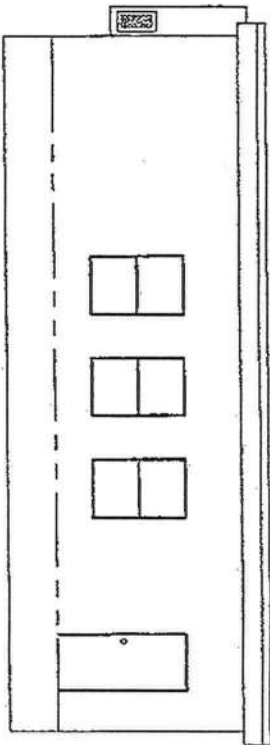
24' X 36' RELOCATABLE CLASSROOM

NOTES, ETC.	MAX NO. 08130505
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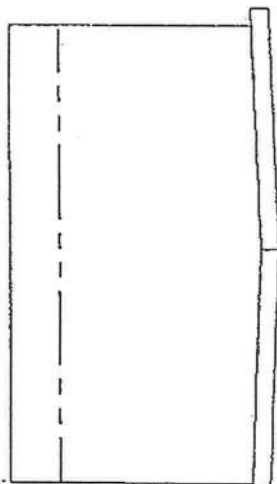
SREFPM 09/05



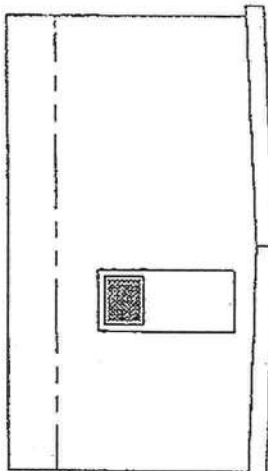
FRONT ELEVATION



REAR ELEVATION



LEFT ELEVATION



RIGHT ELEVATION

- TYPICAL ELEVATION NOTES:
1. ALL SITE INSTALLED ITEMS ARE SUBJECT TO THE APPROVAL OF THE JURISDICTION HAVING AUTHORITY.
 2. ACCESSIBLE RAMP(S), STAIR(S), AND HANDRAILS ARE DESIGNED BY OTHERS AND SITE INSTALLED.
 3. FOUNDATION ENCLOSURE (IF PROVIDED) IS DESIGNED BY OTHERS AND SITE INSTALLED. ENCLOSURE MUST HAVE ONE SQUARE FOOT OF NET VENT AREA PER 1/150TH SQUARE FOOT OF FLOOR AREA FOR CROSS VENTILATION AND AN 18" X 24" MINIMUM OPENING FOR CRAWL SPACE ACCESS.

NOTE:
WINDOW LOCATIONS AND QUANTITIES MAY VARY, SEE FLOOR PLANS.

DCA PLANS REVIEW

Builder: DESIGN SPACE, INC.

Project # CSA 07049.11 Date: 11.15.05

Reviewed by: KEITH HILBERT

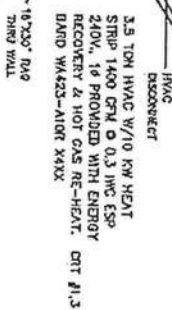
- ☒ Approved without comments
☐ Approved with comments

See approval letter dated: 11.15.05

This approval in no way alleviates the builder from complying with all applicable current codes, which may not be identified in this review.

SEP 27 2005

DESIGN SPACE, INC.		DESIGN SPACE McRAE, LLC	
11100 N. 15TH AVE., SUITE 100 FORT LAUDERDALE, FL 33304		11100 N. 15TH AVE., SUITE 100 FORT LAUDERDALE, FL 33304	
DATE: 09/08/2005		KENNETH A. GOSFRET, P.E.	
SCALE: NTS		1588 RIDGE TOP WAY CLEARWATER, FL 33765	
CODES: SEE COVER SHEET		FL PE#40131	
REVISIONS:			
LABELS: R		IM	
24' X 36' RELOCATABLE CLASSROOM		KAC.	
ELEVATIONS		SHEET	
		3 OF 12	



Builder: Desiree SPADE, INC

Project # 02-049.11 Date: 11/15/05

Reviewed by: Victor E. Burral

☒ Additive

Environ Monit Assess (2008) 142:111–120

See approval letter dated: 11-15-05

This approval in no way alleviates the burden from complying with all applicable current codes, which may not be identified in this review.

SEP 27 2007

DESIGN SPACE, INC. 91 HANCOX WOODS RD., BOX 15, CA. 31533 CLINCH COUNTY, IN. PARK, HONOLULU, CA. 31533		DESIGN SPACE McRAE, LLC 1100 KEN. PARK RD. BOULDER, CO. 80501	
DATE: 09/09/2005	KENNETH A. GOFFREY, P.E.	DR	
SCALE: 1/4" = 1'-0"	1988 RIDGE TOP WAY CLEANWATER, FL 33765	KAG.	
COMMENTS: SEE NOTES	REVISIONS:		
LABELS: FL			
24' X 36' RELOCATABLE CLASSROOM		SHEET	5 OF 12
ELECTRICAL & HVAC PLAN FOR PRE-K THRU GRADE 3		KAG, NO.	001205053

DOOR HARDWARE SCHEDULE	
EXTERIOR DOORS	LEVER-OPERATED HANDSET KEYED ENTRY LOCKSET
RESTROOM DOORS	LEVER-OPERATED HANDSET PRIVACY LOCKSET

NOTE:
BUILDING MAY BE CONSTRUCTED IN A MIRROR IMAGE OF THIS FLOOR PLAN.

DCA PLANS REVIEW

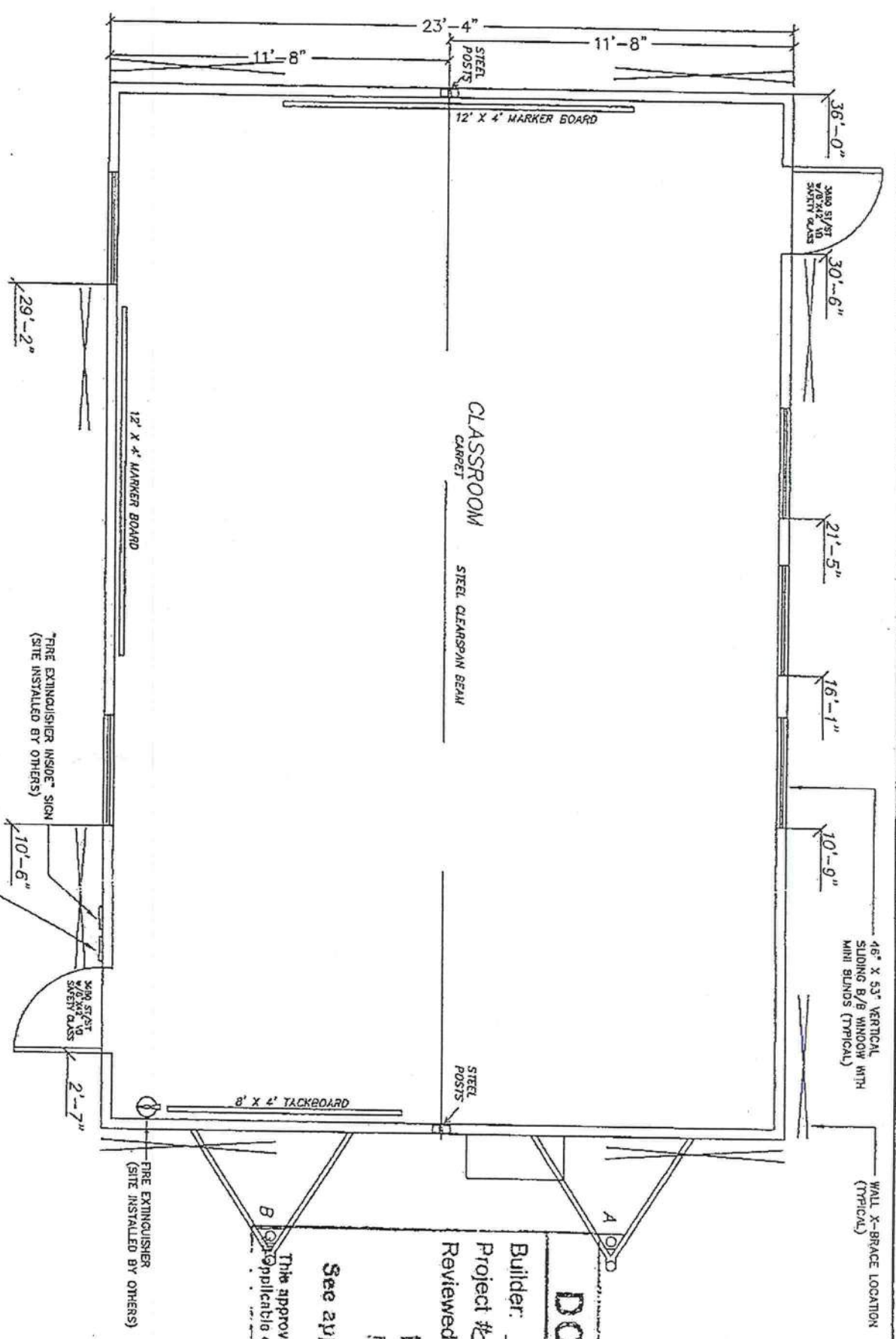
Builder: DESIGN SPACE, INC.
 Project # 2004-09-11 Date: 11.15.05
 Reviewed by: ACE HILPNER

☒ Approved
☐ Not Approved

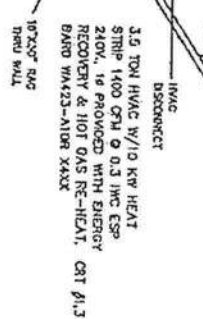
See approval letter dated: 11.15.05

This approval in no way alleviates the builder from complying with applicable current codes, which may not be identified in this provision.

SEP 27 2005



DESIGN SPACE, INC.		DESIGN SPACE MOBLE LLC	
31 HAVERTY WOODS RD., DOUGLAS, GA. 31533		1110 HIG. PARK RD.	
CANNON COUNTY BLD. PARK, HENDERVILLE, GA. 31634		WADSWORTH, GA. 31093	
DATE: 09/09/2005	KENNETH A. CORDREY, P.E.	1550 RIDGE TOP WAY	
SCALE: 1/4" = 1'-0"	FL. PERMITS	CLEARWATER, FL 33765	
CODES: SEE NOTES	REVISIONS:		
LABS: FL			
24' X 36' REDUCED-CLASSROOM		KAG.	
FLOOR PLAN & PLUMBING		SHEET	
FOR GRADE 4 THRU 12		6 OF 12	



Builder: DESIGN SPACE inc.

Project # CRA 05049.11 Date: 11.15.05

Reviewed by: Rick HILFORD

☒ Appendix

2010年12月

See approval letter dated: 11.15.05

This approval in no way allows the builder from complying with all applicable current codes, which may not be identified in this review.

SEP 27 2001

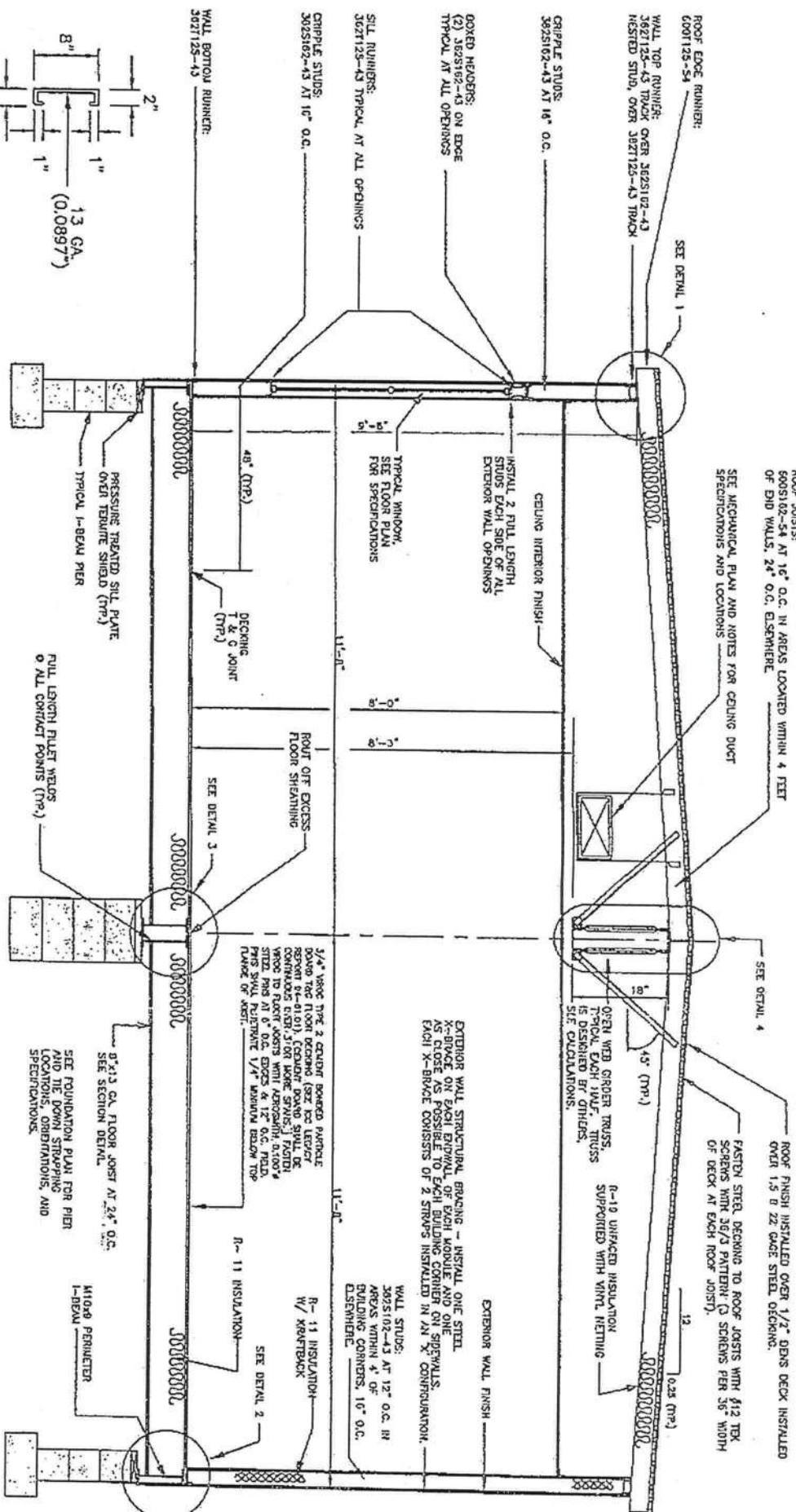
DESIGN SPACE, INC. 81 HUNTER VICTORY RD., DOUGLAS, GA. 31533 CLINCH COUNTY IND. PARK, HENRIEVILLE, GA. 31534		DESIGN SPACE WORKS, LLC 1112 N. HUNTER VICTORY RD., HENRIEVILLE, GA. 31535	
DATE: 02/09/2005	KENNETH A. GODFREY, P.E.		
SCALE: 1/4" = 1'-0"	1500 RIDGE TOP WAY CLEMENSVILLE, FL 33765		
DOCS. SEE NOTES	REVISIONS:		
LABELS: PL			
24' X 36' RELOCATABLE CLASSROOM		DR KAG.	
ELECTRICAL & HVAC PLAN FOR GRADE & THRU 12		SHEET 7 OF 12	
		KAG. NO. 001353508	

STRUCTURAL NOTES:

1. ALL LIGHT GAGE STUDS, JOISTS, AND ACCESSORIES SHALL BE FORMED FROM ZINC COATED CORROSION RESISTANT STEEL IN ACCORDANCE WITH ASTM A653-02 AND THE MANUFACTURER'S SPECIFICATIONS. ALL COLD FORMED STEEL SHALL BE MINIMUM 18 GA UNLESS OTHERWISE SPECIFIED.
2. WALL STUDS SHALL BE MINIMUM 16 GA UNLESS OTHERWISE SPECIFIED.
3. STEEL STUDS SHALL HAVE A MINIMUM YIELD STRENGTH OF 46 KSI.
4. WELDS ON BASE METALS SHALL BE MINIMUM 1/8 INCH THICK UNLESS OTHERWISE SPECIFIED.
5. WELDS ON HOT ROLLED STEEL SHALL BE MINIMUM 1/4 INCH THICK UNLESS OTHERWISE SPECIFIED.
6. ALL METAL SCREWS SHALL BE TRUSS #12 SELF-DRILLING SCREWS EXCEPT WHERE NOTED OTHERWISE.
7. ALL METAL SCREWS SHALL BE IN ACCORDANCE WITH THE STEEL DECK MANUFACTURER'S SPECIFICATIONS.
8. METAL SCREWS SHALL BE MINIMUM 1/4 INCH THICK UNLESS OTHERWISE SPECIFIED.
9. OPEN WEB JOISTS SHALL BE DESIGNED, FABRICATED AND INSTALLED IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE SPECIFICATIONS.
10. CERTIFIED OPEN WEB JOIST DESIGN SHALL BE SUBMITTED TO BUILDING DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
11. FOR SPECIFICATIONS ON KENNESBURG STEEL PIPING SEE SEE 100-1000.

TYPICAL COLD FORMED STEEL FRAMING DESIGNATIONS:

ROOF:	600125-54	6" X 1-5/8" X 16 GA JOIST
WALL:	600125-54	6" X 1-1/4" X 16 GA RUNNER
EXTERIOR WALLS:	3-5/8" X 1-5/8" X 16 GA STUD	3-5/8" X 1-1/4" X 18 GA RUNNER



DCA PLANS REVIEW

Builder: DESIGN SPACE, INC.
 Project # 05049.11 Date: 11.15.05
 Reviewed by: Eric Thibault

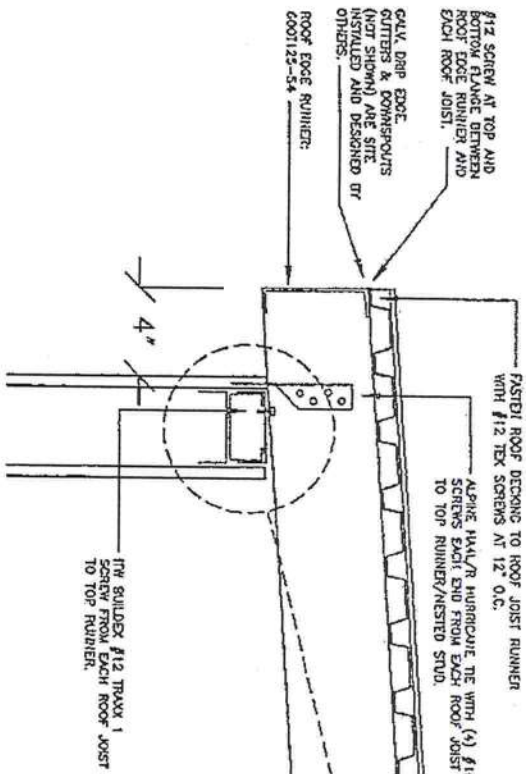
☒ Approved without comments

☐ Approved with comments

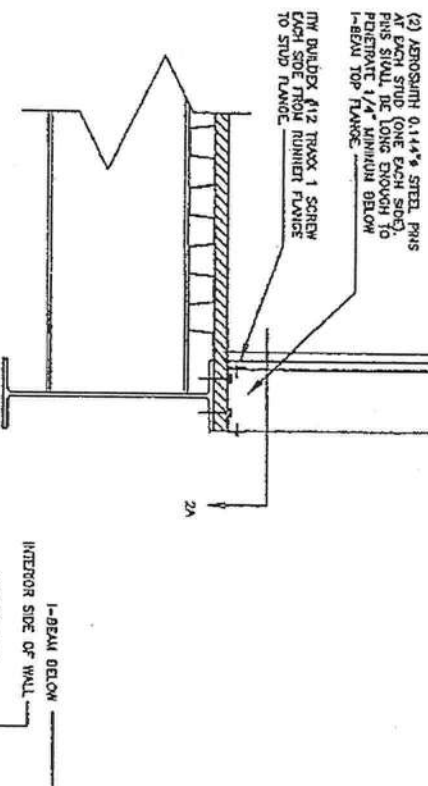
See approval letter dated: 11.15.05

This approval in no way alleviates the builder from complying with all applicable current codes, which may not be identified in this document.

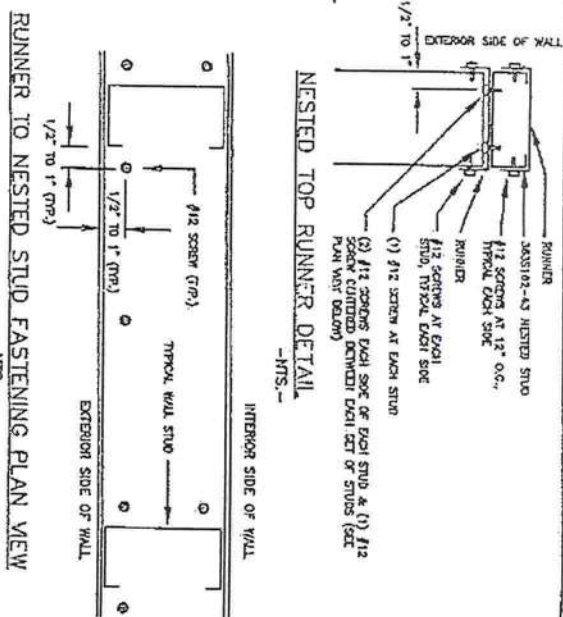
DESIGN SPACE, INC. 11000 WOODS RD., SUITE 100 DALLAS, TX 75243	DESIGN SPACE INCORP., LLC 11000 WOODS RD., SUITE 100 DALLAS, TX 75243
DATE: 09/02/2005	KENNETH A. GODFREY, P.E. 1500 RIDGE TOP WAY CLEARWATER, FL 33765
SCALE: 1/8" = 1'-0"	REVISIONS
24" X 36" RELOCATABLE CLASSROOM	8 OF 12



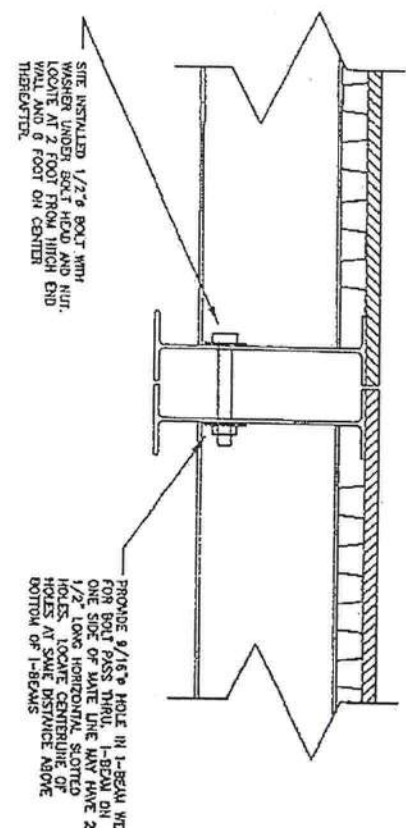
DETAIL 1
NTS



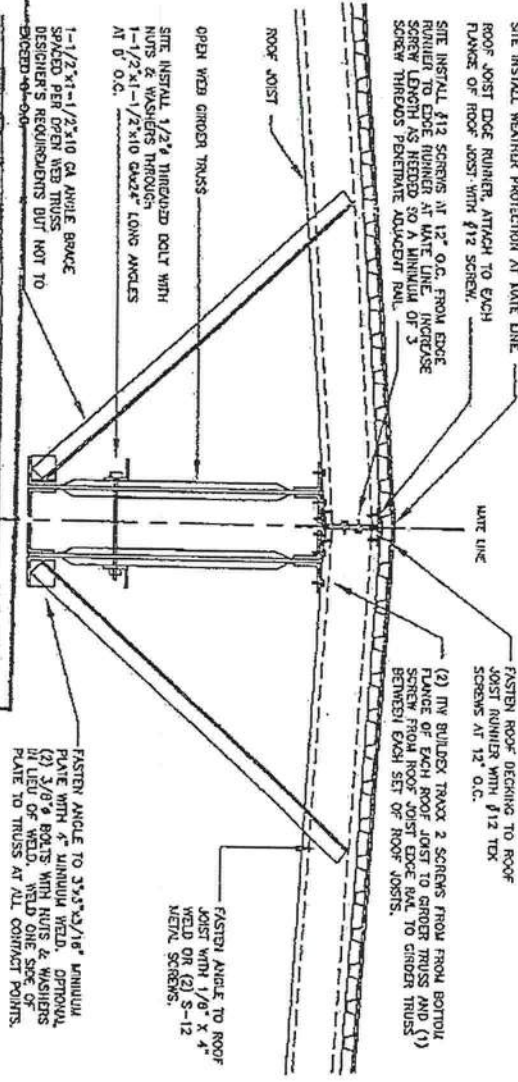
DETAIL 2
NTS



RUNNER TO NESTED STUD FASTENING PLAN VIEW
-NTS-



DETAIL 3
NTS



DCA PLANS REVIEW

Builder: DESIGN SPACE, INC. DATE: 11.15.05

Project # 0509.11 Date: 11.15.05

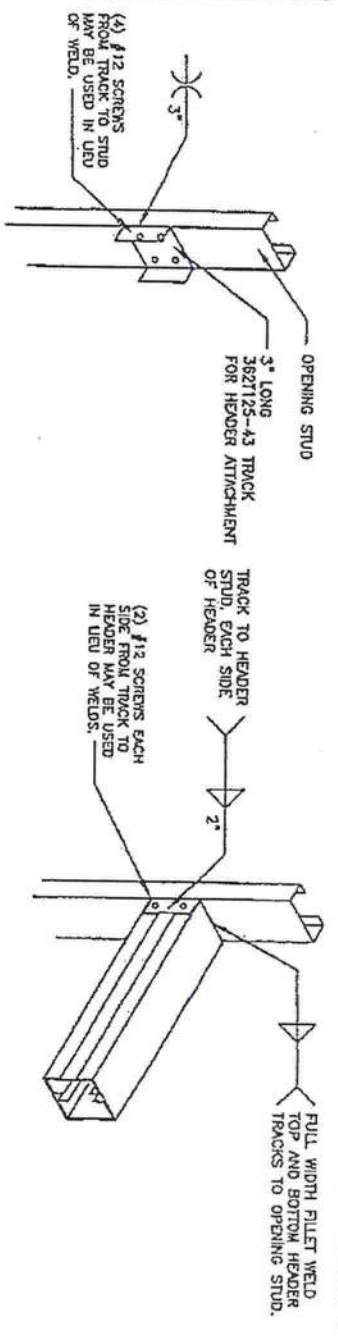
Reviewed by: RAC HILBURN

See approval letter dated: 11.15.05

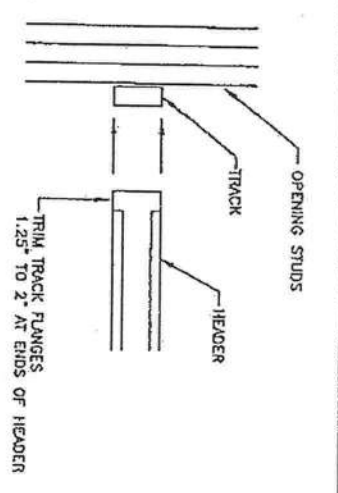
The approval in no way alleviates the builder from complying with all applicable current codes, which may not be identified in this review.

DESIGN SPACE, INC.		DESIGN SPACE, INC.	
3110 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136		1110 N. W. 10TH AVE., SUITE 100, MIAMI, FL 33136	
DATE: 09/09/2005	SCALE: NTS	KENNETH A. GODFREY, P.E.	1500 RIDGE TOP WAY, CLEARWATER, FL 33705
COOKS: SEE COVER SHEET	LABELS: FL	REVISIONS:	FL PE410131
24' x 36' RELOCATABLE CLASSROOM		KAG, NO.	09100508
CROSS SECTION DETAILS		SHEET	9 OF 12

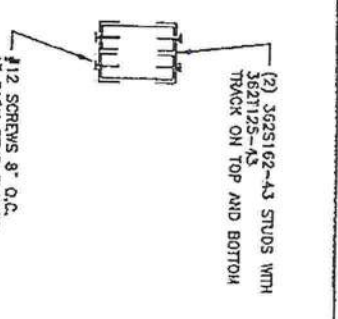
SEP 27 2005



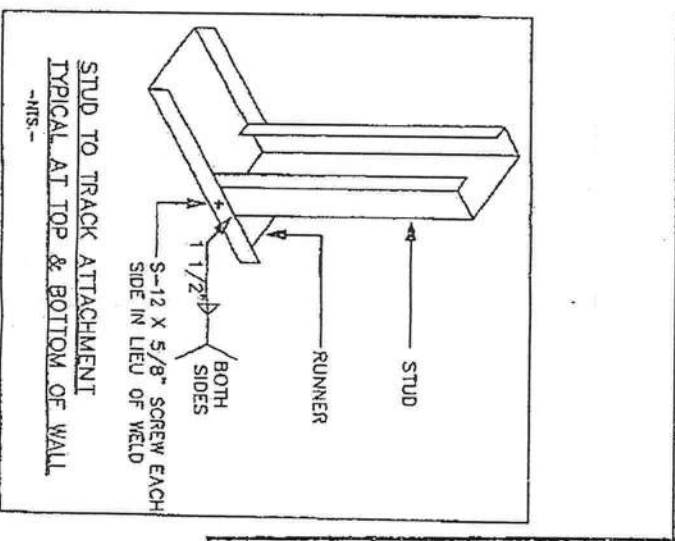
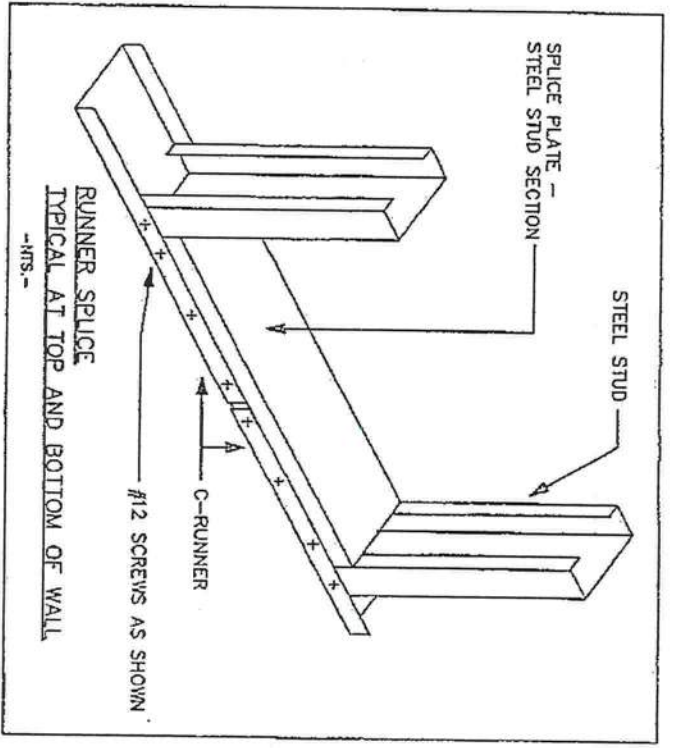
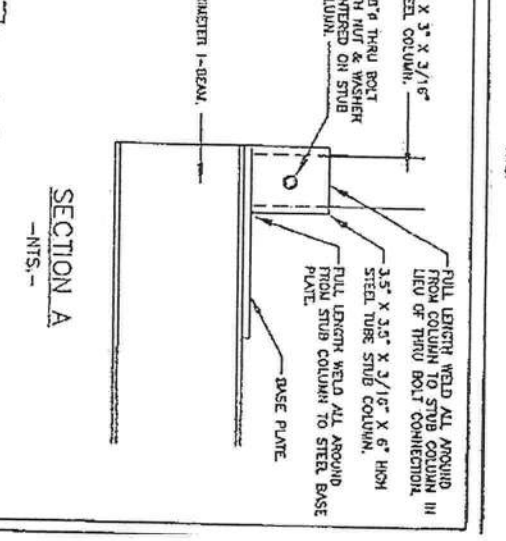
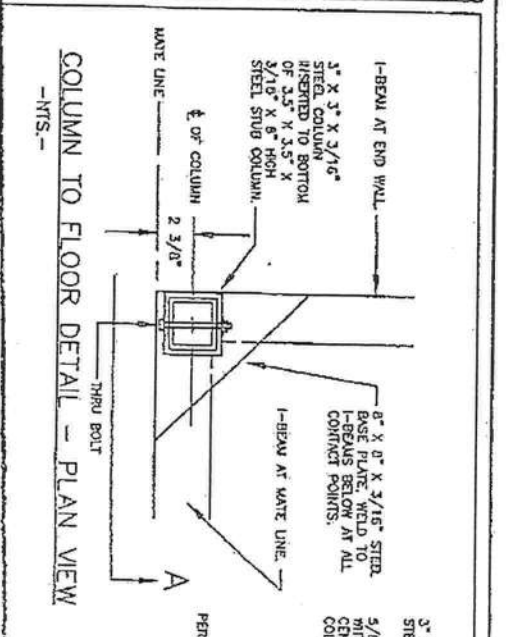
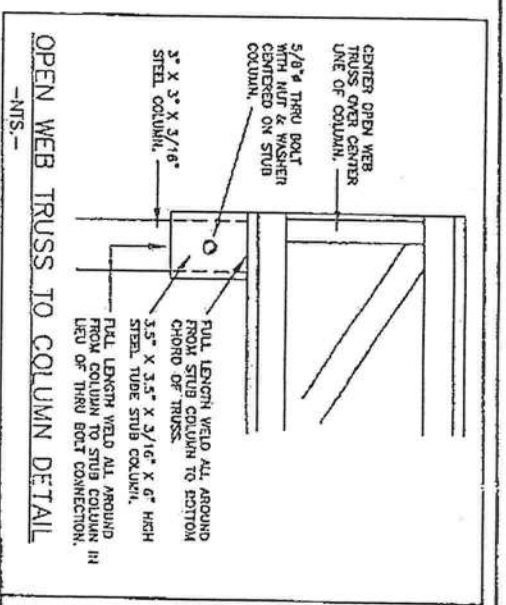
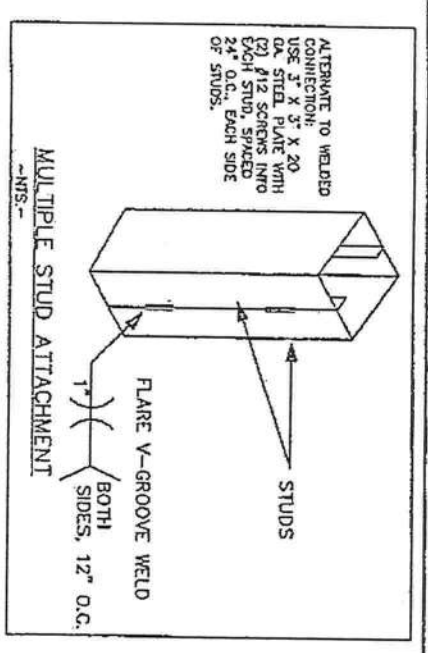
OPENING STUD **OPENING STUD TO HEADER CONNECTION**



WALL HEADERS



HEADER SECTION



DCA PLANS REVIEW

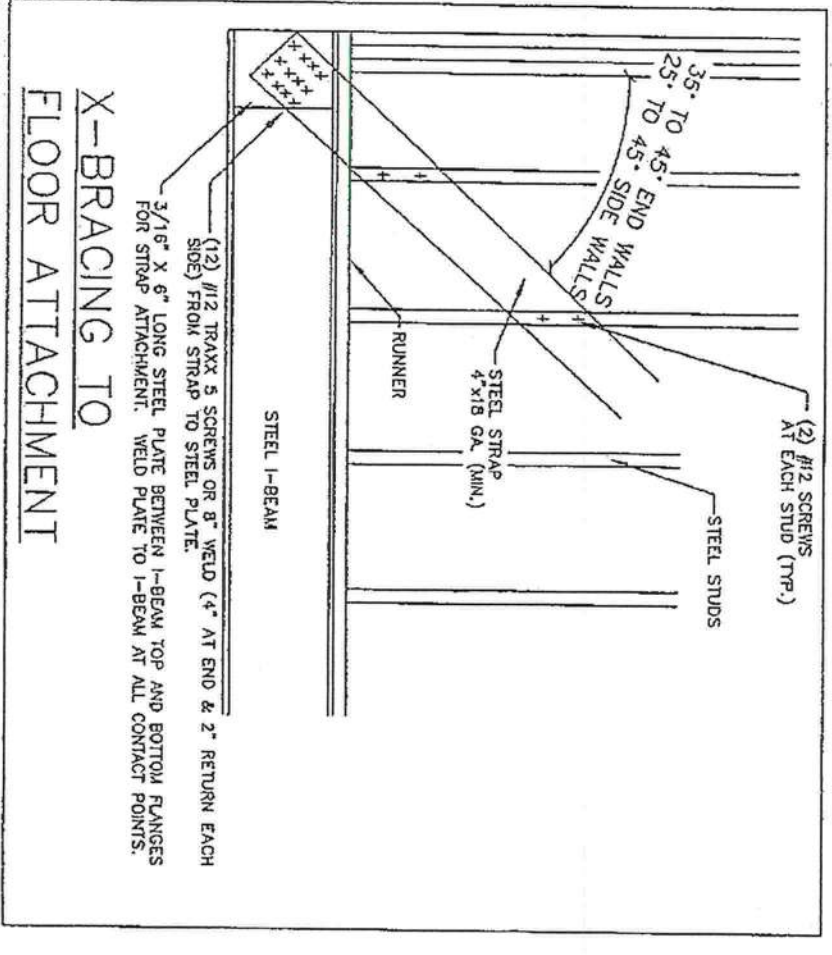
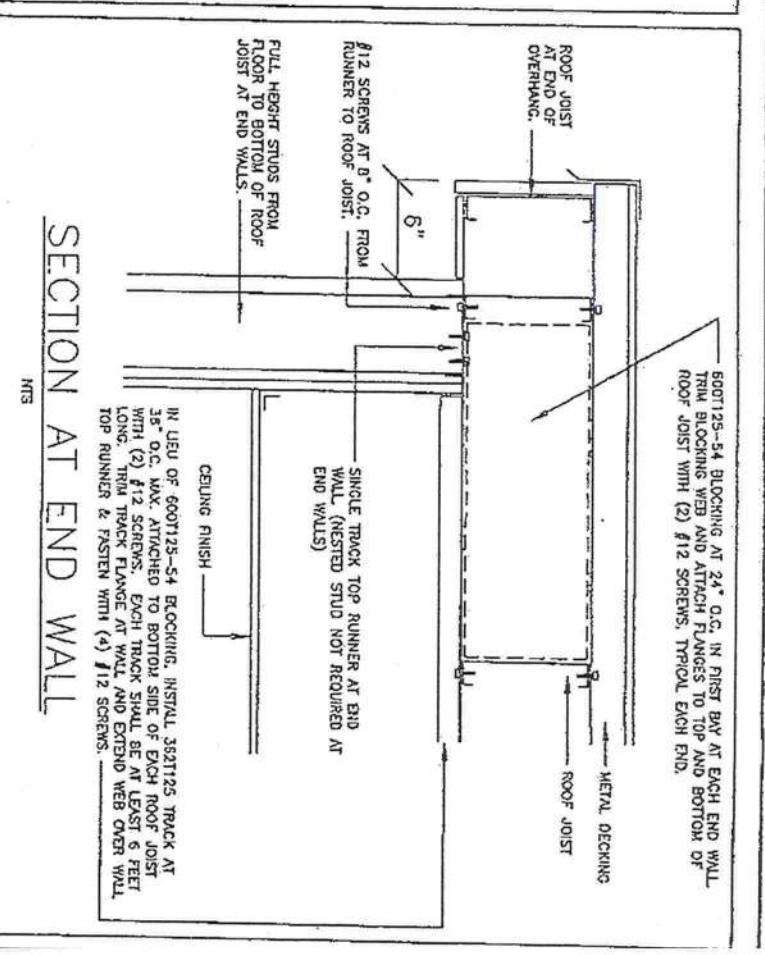
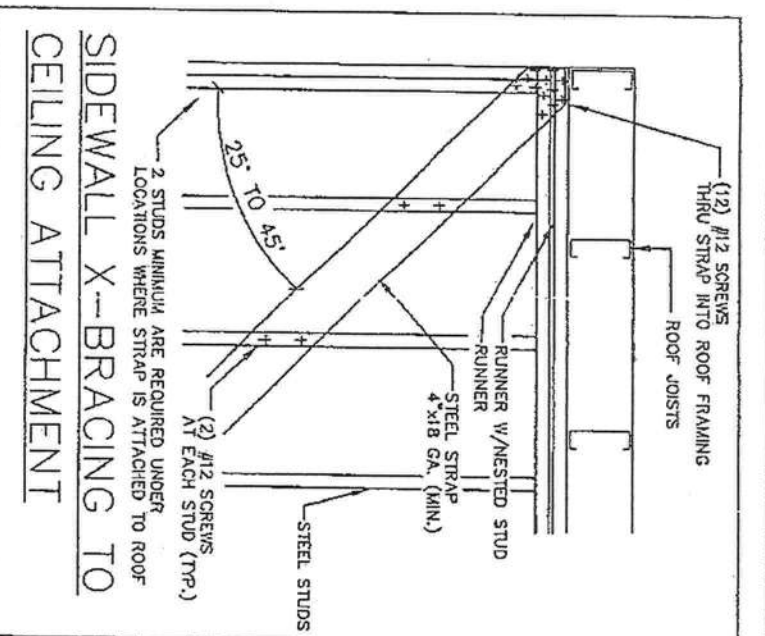
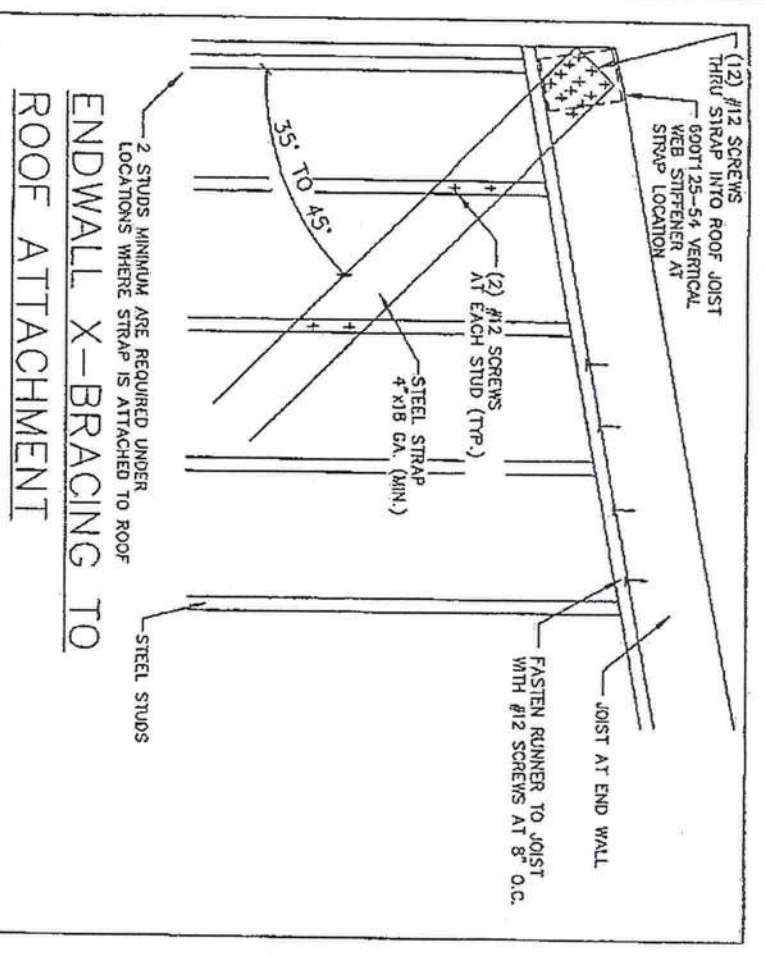
Builder: DESIGN SPACE, INC.
 Project # 0504.11 Date: 11.15.05
 Reviewed by: ACK thuman

☒ Approved without comments
☐ Approved with comments
 See approval letter dated: 11.15.05

This approval in no way releases the builder from compliance with all applicable current codes, which may not be identified in this review.

DESIGN SPACE MORAE, LLC		KENNETH A. GOODREY, P.E. 1388 RICE TOP WAY CLEARWATER, FL 33766 FL. PER/ADJ.31	
DATE: 09/09/2005		REVISIONS:	
SCALE: NTS		BR:	
COSES: SEE COVER SHEET		KAG.	
LABELS: FL.		SHEET	
24" X 36" RELOCATABLE CLASSROOM		10 OF 12	
STEEL FRAMING DETAILS		KAG. NO. 081306209	

SEP 27 2005



DCA PLANS REVIEW

Builder: DESIGN SPACE, INC.

Project # BA-05041.1 Date: 11.15.05

Reviewed by: Eric Hildner

☒ Approved without comments

☐ Approved with comments

See approval letter dated: 11.15.05

This approval in no way alleviates the builder from complying with all applicable current codes, which may not be identified in this review.

DESIGN SPACE, INC.		DESIGN SPACE MOORE, LLC	
81 KIMBERLY WOODS RD., SUITE 200, GAITHERSBURG, MD 20878		1110 10th Street NW, Suite 200, Washington, DC 20004	
DATE: 09/09/2005	SCALE: 1/8\"/>		

ROOF FINISH:
0.045" SURE-SEAL EPDM SINGLE-PLY MEMBRANE
BY "CARLISLE SYNTEC, INC."

ROOF FINISH ATTACHMENT:
FULLY ADHERED (DESIGN "A") WITH "CARLISLE"
B-500 BONDING ADHESIVE APPLIED TO BOTH
SUBSTRATE AND MEMBRANE AT A RATE OF 100
SQUARE FEET PER GALLON.

SUBSTRATE:
1/2" DENS DECK BY "GEORGIA PACIFIC"

SUBSTRATE ATTACHMENT:
#12 X 1 5/8" ROOFGRIP SCREWS WITH 3" X 3"
RECESSED METAL PLATES BY "TITW BUILDERS". SEE
APPLICABLE FM REPORT FOR APPROVED ALTERNATE
PLATES. SEE FASTENER PATTERN DETAILS FOR
SCREW SPACING REQUIREMENTS.

GENERAL NOTES:

1. SUBSTRATE SHALL BE ATTACHED TO 22 GAGE MINIMUM STEEL DECK.
2. ROOFING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE APPLICABLE FM REPORTS.
3. FM = FACTORY MUTUAL.

DENS DECK FASTENER PATTERN DETAILS NOTES:

1. ZONE 1 = FIELD = ALL AREAS NOT DEFINED AS ZONE 2 OR ZONE 3.
2. ZONE 2 = PERIMETER ZONE = THE DISTANCE "d" FROM THE ENTIRE BUILDING ROOF PERIMETER AND IN ADDITION, IN THE CASE OF ROOFS WITH A SLOPE > 10°, THE DISTANCE "d" FROM BOTH SIDES OF THE ROOF PEAK.
d = 10% OF THE BUILDING'S LEAST HORIZONTAL DIMENSION OR 40% OF THE MEAN ROOF HEIGHT, WHICHEVER IS LESS, BUT NOT LESS THAN 4% OF THE BUILDING'S LEAST HORIZONTAL DIMENSION OR 3 FEET.
3. ZONE 3 = CORNERS = AREAS WHERE PERIMETER ZONES OVERLAP.
4. ALL FASTENER ROWS SHALL START 6" FROM EDGE OF DENS DECK SHEETS, TYPICAL ON ALL 4 SIDES OF SHEETS. THIS APPLIES TO SHEETS OF ALL SIZES.

6"	12"	12"	12"	18"	18"	12"	12"	6"
6"	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0

ZONE 1 (FIELD)
1 FASTENER PER 1.14 SF
28 FASTENERS PER 4' X 8' SHEET

6"	12"	12"	12"	12"	12"	12"	12"	6"
6"	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0
12"	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0

ZONE 2 (PERIMETER)
1 FASTENER PER 1.0 SF
32 FASTENERS PER 4' X 8' SHEET

6"	12"	12"	12"	12"	12"	12"	12"	6"
6"	0	0	0	0	0	0	0	0
9"	0	0	0	0	0	0	0	0
9"	0	0	0	0	0	0	0	0
9"	0	0	0	0	0	0	0	0
6"	0	0	0	0	0	0	0	0

ZONE 3 (CORNERS)
1 FASTENER PER 0.82 SF
40 FASTENERS PER 4' X 8' SHEET

DCA PLANS REVIEW

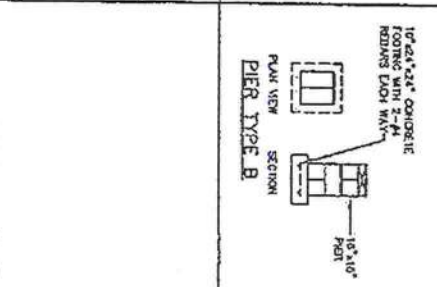
Builder: DESIGN SPACE, INC.
Project: 05049.11 Date: 11.15.05
Reviewed by: Rich Hillman

- ☒ Approved without comments
☐ Approved with comments
See approval letter dated: 11.15.05

This approval in no way alleviates the builder from complying with all applicable current codes, which may not be identified in this review

SEP 27 2005

DESIGN SPACE, INC. 51 WINTER WOODS RD., DOWNS, CA 91023 CLARK COUNTY REG. FILE NO. 00000000000000000000		DESIGN SPACE MOORE, LLC 1110 S. 10TH ST. MIDLAND, CA 91000	
DATE: 09/09/2005	KENNETH A. GOSFORD, P.E. 1500 BRIDGE TOP WAY CLEARWATER, FL 33765		THE
SCALE: NTS	FL PERM0131		ICAG.
CODS: SEE COVER SHEET	REVISIONS		
LABS: N			
24" X 36" RELOCATABLE CLASSROOM		KAG, INC.	SHEET
ROOF MATERIAL FASTENING		09130505	12 OF 12

[illegible]

☒ Approved without comments
☐ Approved with comments

Approval letter dated: 3/22/2000

This approval in no way alleviates the burden from complying with all applicable current codes, which may not be identified in this review.

the following
 involved without comments
 involved without comments
 letter dated: _____
 allows the builder from comp
 is, which may not be identified in

[illegible]

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ELECTRICAL NOTES

- [illegible]

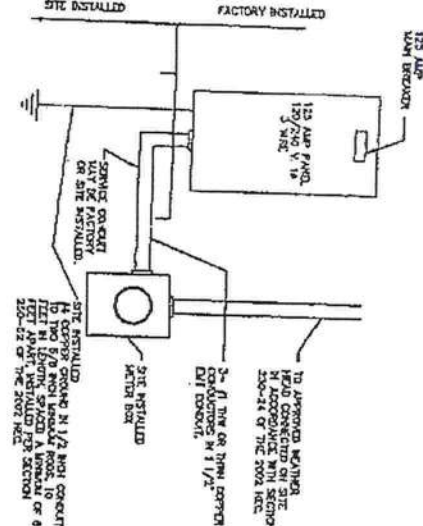
H.V.A.C. NOTES:

- [illegible]

PLUMBING NOTES:

- [illegible]

ELECTRICAL RISERS:



SYMBOLS

- 1 ☐ DATA RECEIVED 120 W
 2 ☐ DATA RECEIVED 120 W
 3 ☐ DATA RECEIVED 120 W
 4 ☐ DATA RECEIVED 120 W
 5 ☐ DATA RECEIVED 120 W
 6 ☐ DATA RECEIVED 120 W
 7 ☐ DATA RECEIVED 120 W
 8 ☐ DATA RECEIVED 120 W
 9 ☐ DATA RECEIVED 120 W
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ELECTRICAL SCHEDULE:

DOOR	MONITORING	FRONT (mm)	BACK (mm)
L3	HAZ	227 mm	143 mm
L2 & L3	WARNING	314	143 mm
L1	NO TOUCHES	394	151.2 mm
L1	SAFE PROTECT		

ELECTRICAL PANEL SIZING:	
DESCRIPTION	PANEL KVA
GENERAL LIGHTING	31
600 KW/S X 840 SF X 1.25	1.0
10 RECEPTS @ 180VA/1000-	0.4
WATER HEATER 18 KW X 1.25	10.9
HWAC	
200 KVA @ 3.2M X 1.25	
COMPRESSOR	
TOTAL 18.2 KVA	
2000 / 240 X 1000 X 1.10-	74
30 / 240 V 1.25 AMP PANEL	AMP

ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL	KVA
GENERAL LIGHTING		
1000 WATTERS	840 SS X 1.25	3.1
1000 WATTERS	840 SS X 1.00	1.0
WATER HEATER 10 KW	1.25	0.4
1 FAN 0.200T X 1.25		10.4
HWAC		
OTHER		
TOTAL 18.2 KVA		
7.2 KW		
1008 X 1.10	7.4	
INSTANT 12.3 AMP PANEL		
20/240 V 1 ϕ		AMP

MECHANICAL EQUIPMENT SCHEDULE:

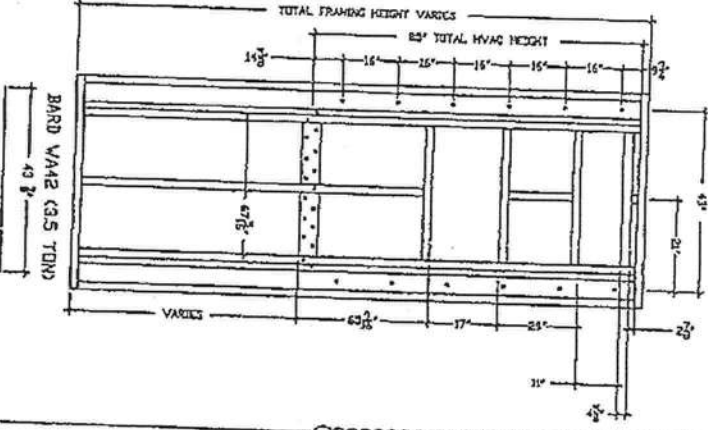
CUR	WABEALINCE	MOGL
HYLC	BWSD	MA12-A10R X10X
EXHAUST FANS	BROWN	K50-A

PLUMBING EQUIPMENT SCHEDULE

TYPE	WAVELENGTH	WAVELENGTH
NO TANK	41278	
NO BOMB	41471	
LAV	41518	
PLAN PROJECTS	20891	
PLAN SINK	4157	
PLAN PROJECTS	704 DROSS	
PLAN PROJECTS	704 DROSS	
PLAN PROJECTS	704 DROSS	

AC-119-4-CI
 10-0000
 1200

UNIT WIDTH (W/ BRACKET



NOTES

FASTENERS FOR MAC SUPPORT ARE BUILDER 1/4" WITH #3 POINT TRAXX SCREWS OR EQUAL FASTENED INTO 3625162-43 STEEL STUDS OR BETTER. INSTALL 3 FASTENERS INTO EACH SIDE BRACKET AND 17 FASTENERS INTO BOTTOM BRACKET. STUDS SHALL BE FASTENED TO ADJACENT STUDS WITH EQUIVALENT FASTENERS AT 12" o.c.

HVAC UNIT FASTENING

DESIGN SPACE, INC. 1114 WEST HENRY RD. CHICAGO, IL 60612 (312) 462-7800 FAX (312) 462-7801		DESIGN SPACE MORAE, LLC 1112 WEST JESS RD. MOORE, OK 73160	
DATE: 09/09/2005 SCALE: 1/16"=1'-0" COORDS: SEE COVER SHEET LAYOUT: N		KENNETH A. COOPER, P.E. 1508 W. 12TH ST. TOP WALK OKLAHOMA CITY, OK 73101 P. PERKINS REVISIONS: Δ 11-10-05	
24" x 36" REDUCIBLE CLASSROOM		DT KAG. SHEET 2 OF 10	

Kenneth A. Godfrey, P.E.

1588 Ridge Top Way
Clearwater, FL 33765-1800

Consulting Engineer

Phone : 727-799-0718
Fax : 727-799-2029

November 10, 2005

To: Rick Hilburn
CRA Architects
P.O. Box 13739
Tallahassee, FL 32308

Re: CRA Project #05049.11

Dear Mr. Hilburn:

Please find enclosed revisions and additions to the above referenced project. Listed below are responses to the comments in your letter dated November 4, 2005.

Mechanical:

1. Mechanical equipment schedule has been added to sheet 2.
2. Plumbing equipment schedule has been added to sheet 2.
3. For anchorage of AC unit see "HVAC unit fastening" on sheet 2.
4. Lower left corner of sheet 4 specifies design water pressure. 60 psi is the maximum allowed pressure for this building.
5. See plumbing note 8 on sheet 2 for shutoff valve specification.
6. See HVAC note 7 on sheet 2 for outside air intake specification.

Electrical:

1. Conductor size and insulation is specified in electrical schedule on sheet 2.
2. The communication system is site installed and designed by others, see general note 33 on sheet 1.
3. The fire alarm system is site installed and designed by others, see fire alarm system note 1 on sheet 1.
4. See electrical note 16 on page 2 for surge protection requirement.
5. For common fire alarm systems see fire alarm system note 1 on sheet 1.
6. For high lightning risk areas electrical note 17 has been added to sheet 2.
7. See electrical note 13 on sheet 2 for computer technology wiring.
8. Mounting height of strobe light has been added to symbol legend on sheet 2.
9. For fire alarm connection to host school see fire alarm note 1 on sheet 1.



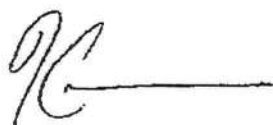
kgodfrey@tampabay.rr.com

Structural:

1. Span tables for Viroc have been added to calculations. Viroc will not be used to resist wind loads so Florida Product Approval number should not required. A calculation has been added to verify the capacity of the perimeter floor beam to carry wind loads without the use of Viroc.
2. The plans indicate the number of studs required on each side of openings on the left side of the cross section on sheet 8.

Please contact me if you have any questions concerning this information.

Sincerely,



Kenneth A. Godfrey, P.E.

CC: Design Space, Inc.

November 4, 2005

Ken Godfrey
KAG
1588 Ridge Top Way
Clearwater, Florida 33765



Clemons, Rutherford
& Associates, Inc.

RE: CRA Project #05049.11

Dear Mr. Godfrey:

Pursuant to the requirements of the Florida Department of Community Affairs, the above-referenced documents have been reviewed for compliance with the 2004 Florida Building Code, State Requirements for Educational Facilities, 2004 FMC, 2004 FPC, 2002 NEC and the 2004 Florida Fire Prevention Code.

The following report cites deficiencies found in the documents relative to the above-referenced codes. All **MANDATORY COMMENTS** must be satisfied and incorporated into your documents in order to receive approval. Please **REVISE AND RESUBMIT**. Changes to your original documents must be clouded and have a revision number for identification. Provide a written narrative of what was done to correct the mandatory comments.

These documents were reviewed for only what is to be constructed in the factory. Any site work or additional construction that is to be done on the site must be reviewed and permitted by the local Building Official.

Architectural Mandatories:

No Deviations Noted

Mechanical:

1. **Location:** Sheet 5
Deficiency: Mechanical Engineering documents applicable to HVAC systems shall include the following:
 - Equipment selection schedule for each piece of mechanical equipment. (Exhaust Fan)
- Reference:** Chapter 61G15-34.003 Responsibility Rules of Professional Engineers.

-
2. **Location:** Sheet 4
Deficiency: Mechanical Engineering documents applicable to Plumbing Systems shall include the following:
• Equipment schedules for all plumbing fixtures.
Reference: Chapter 61G15-34.007 Responsibility Rules of Professional Engineers.
3. **Location:** Sheet 5
Deficiency: Mechanical equipment, appliances and supports that are exposed to wind shall be designed and installed to resist the wind pressures determined in accordance with the Florida Building Code, Building.
Provide sufficient design detail of supports and anchoring to verify the AC unit is properly secured.
Reference: Florida Building Code, Mechanical 301.13.
4. **Location:** Sheet 4
Deficiency: Where water pressure within a building exceeds 80 psi, an approved water pressure-reducing valve conforming to ASSE 1003 with strainer shall be installed.
Reference: Florida Building Code, Plumbing 604.8.
5. **Location:** Sheet 4
Deficiency: Shutoff valves shall be installed in the following locations:
1) On the fixture supply to each plumbing fixture.
Reference: Florida Building Code, Plumbing 606.2.
6. **Location:** Sheet 5
Deficiency: Outside air intakes shall be located to avoid drawing in combustible material or flammable vapor and to minimize the hazard from fires in other structures.
Reference: NFPA 90 A, 2-2.1.1.

Electrical:

1. **Location:** Sheet 5
Deficiency: Electrical Engineering documents applicable to Power systems shall include the following:
• Conductor Ampacities (sizes) and insulation type.
Reference: Chapter 61G15-33.003, Responsibility Rules of Professional Engineers.

-
2. **Location:** Sheet 5
Deficiency: Electrical Engineering documents applicable to Communications systems shall include the following:
- System Riser Diagram.
 - Equipment legend.
 - Conductor type and installation requirements.
 - Device type and locations.
 - Backup power sources where applicable.
- Reference:** Chapter 61G15-33.005, Responsibility Rules of Professional Engineers.
3. **Location:** Sheet 5
Deficiency: Electrical Engineering documents applicable to Alarm systems shall include the following:
- System Riser Diagram.
 - Type of conductors and installation requirements including rating identification and listing requirements.
 - Notification requirements.
 - Backup power requirements.
- Reference:** Chapter 61G15-33.006, Responsibility Rules of Professional Engineers.
4. **Location:** Sheet 5
Deficiency: Provide surge protection on data, intercom and fire alarm circuits.
Reference: Chapter 61G15-30, Responsibility Rules Common to all Engineers.
5. **Location:** Sheet 5
Deficiency: Buildings within 60 feet of each other shall have a common fire alarm system.
Reference: Florida Building Code 423.7.4.
6. **Location:** Sheet 5
Deficiency: All facilities in high lightning risk areas shall be evaluated using the Risk Assessment Guide in NFPA 780 and other standards which address lightning protection and shall be protected accordingly.
Reference: Florida Building Code 423.17.7.
7. **Location:** Sheet 5
Deficiency: Relocatables shall contain wiring and computer technology suitable for the program to be housed.
Reference: Florida Building Code 423.27.

-
8. **Location:** Sheet 5
 Deficiency: Fire alarm strobes shall be mounted at a minimum 80" AFF to the
 bottom of the device.
 Reference: NFPA 72.
9. **Location:** Sheet 5
 Deficiency: Fire alarm control panel serving this building shall be connected to
 the host campus fire alarm system.
 Reference: NFPA 101.

Structural:

1. **Location:** Calculations and Drawings
 Deficiency: Floor decking material shown as 3/4" Viroc. Load-Span tables
 from manufacturer should be included in submittal. Also the
 Florida Product Approval number should be submitted for this
 product.
2. **Location:** Drawing Sheet 10
 Deficiency: Detail of exterior wall openings do not indicate the number of
 required full height studs each side of the opening. Calculations
 include tables indicating the maximum opening width allowed
 based on the number of full height studs each side. Revise
 drawing to indicate this information.

If you have any questions on the above, please contact me.

Sincerely,

CLEMONS RUTHERFORD AND ASSOCIATES

Rick Hilburn

Rick Hilburn
Project Architect

RH/ps



**FIRE PREVENTION
SPECIALISTS, INC.**



Certified
Firesafety Inspectors



6810 Whitetail Court
Melbourne, Florida 32940
321-757-7205
Fax 321-757-7206
www.fps-inc.net

October 9, 2005

Clemons, Rutherford and Associates
2027 Thomasville Rd.
Tallahassee, FL 32308

Re: Design Space - 24' x 36'
CRA # 05049.11

Dear Sir/Madam:

Pursuant to the requirements of the Florida Department of Community Affairs, a fire and life safety code evaluation was conducted on the construction documents of the above referenced structure. The following report indicates deficiencies and/or comments found on the documents relative to the codes and standards adopted by the Department of Education and the State Fire Marshal's Office.

Comments:

1. No deficiencies noted.

Respectfully Submitted,

Walter D. Spann
Certified Fire Safety Inspector