

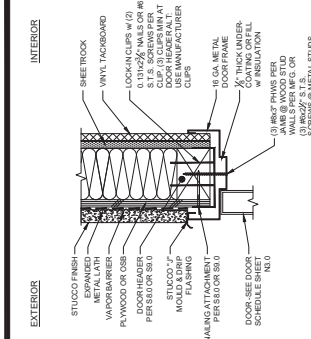
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PROCESSED BY NAME
 MODULAR BUILDING
 CONSISTING OF
EVOLVE
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24'x40' & (1)144'x40' MODULES

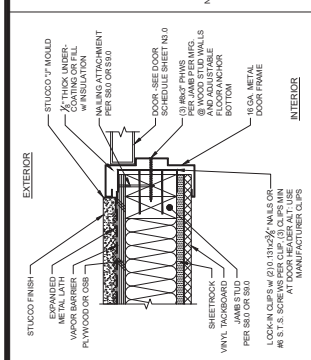


DATE: 03/20/2022
SCALE: AS NOTED
DRAWN BY: JAWAN
CHECKED BY: JAWAN
PROJECT NO.: 2022-001
SHEET TITLE: TYP. ARCHITECTURAL DETAILS
SHEET NUMBER: A5.3

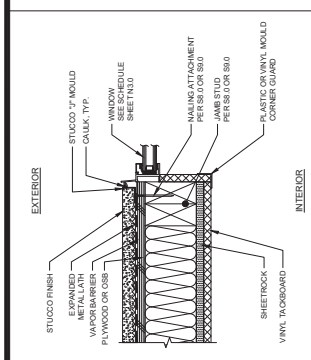
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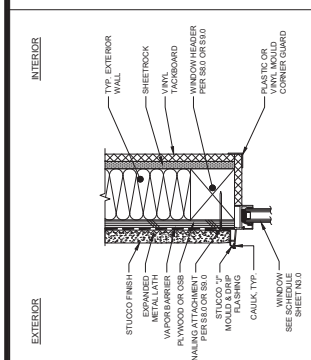
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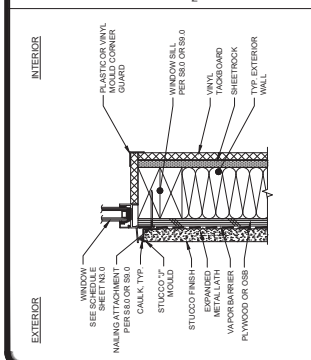
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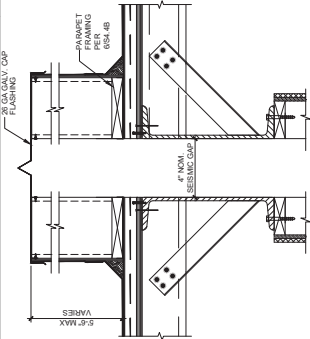
3 TYPICAL WINDOW JAMB SCALE: 3/4" = 1'-0"



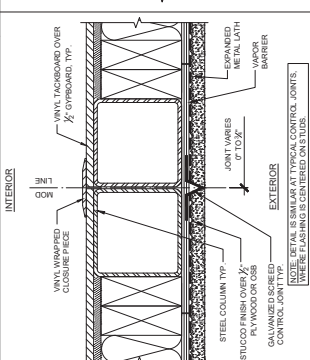
4 TYPICAL DOOR JAMB SCALE: 3/4" = 1'-0"



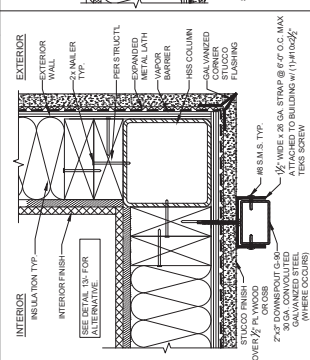
5 TYPICAL DOOR HEADER SCALE: 3/4" = 1'-0"



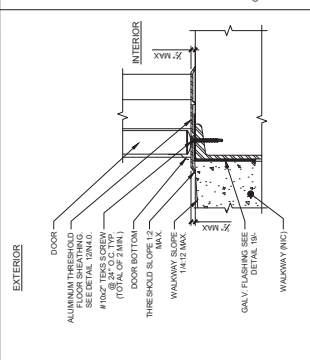
6 INTERIOR DOOR JAMB SCALE: 3/4" = 1'-0"



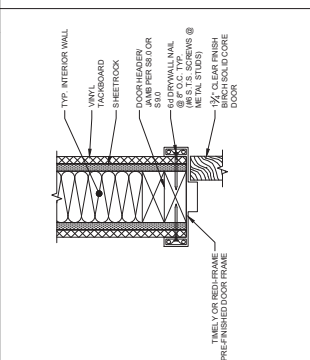
7 TYPICAL THRESHOLD DETAIL SCALE: 3/4" = 1'-0"



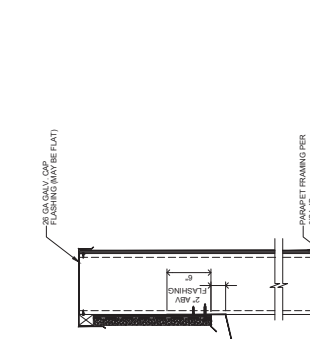
8 TYP. BLDG CORNER & DOWNSPOUT ATTACHMENT DETAIL SCALE: 3/4" = 1'-0"



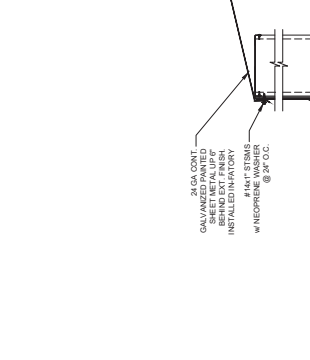
9 STOREFRONT WINDOW SILL DETAIL SCALE: 3/4" = 1'-0"



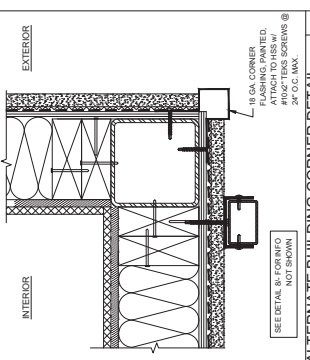
10 INTERIOR DOOR HEADER SCALE: 3/4" = 1'-0"



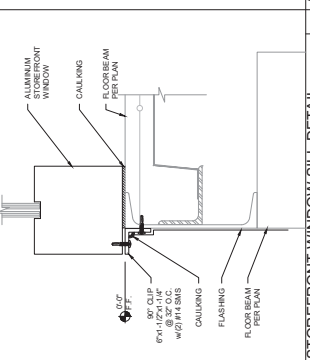
11 INTERIOR DOOR HEADER SCALE: 3/4" = 1'-0"



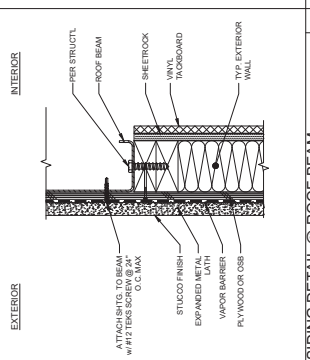
12 STOREFRONT WINDOW SILL DETAIL SCALE: 3/4" = 1'-0"



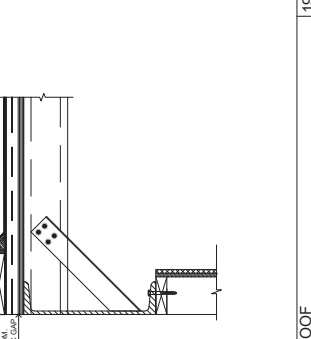
13 ALTERNATE BUILDING CORNER DETAIL SCALE: 3/4" = 1'-0"



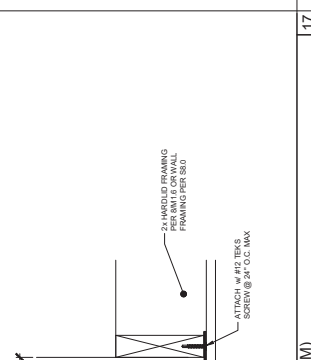
14 INTERIOR CEILING SEISMIC CLOSE UP (JAMB SIM) SCALE: 3/4" = 1'-0"



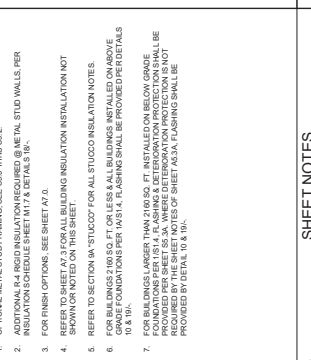
15 PARPET SEISMIC CLOSURE AT ROOF SCALE: 3/4" = 1'-0"



16 PARPET SEISMIC CLOSURE AT ROOF SCALE: 3/4" = 1'-0"



17 INTERIOR CEILING SEISMIC CLOSE UP (JAMB SIM) SCALE: 3/4" = 1'-0"



18 DUAL HEIGHT PARPET SEISMIC CLOSURE AT ROOF SCALE: 3/4" = 1'-0"

- SHEET NOTES**
- OPTIONAL METAL STUD FRAMING. SEE S00 THRU S02.
 - ADDITIONAL R-4 RIGID INSULATION REQUIRED @ METAL STUD WALLS PER INSULATION SCHEDULE SHEET M17 & DETAIL S15A.
 - FOR FINISH OPTIONS. SEE SHEET A7.0.
 - REFER TO SHEET A7.3 FOR ALL BUILDING INSULATION INSTALLATION NOT SHOWN OR NOTED ON THIS SHEET.
 - REFER TO SECTION WA 'STUCCO' FOR ALL STUCCO INSULATION NOTES.
 - FOR BUILDINGS 2 TO 50 FT OR LESS & ALL BUILDINGS INSTALLED ABOVE GRADE FOUNDATIONS PER MS14, FLASHING SHALL BE PROVIDED PER DETAILS.
 - FOR BUILDINGS LARGER THAN 50 FT OR 50 FT INSTALLED ON REINFORCED CONCRETE FOUNDATIONS PER MS14, FLASHING & EXTENSION PROTECTION SHALL BE PROVIDED BY THE SHEET NOTES OF SHEET AS14. FLASHING SHALL BE PROVIDED BY DETAIL TO A 10'.

AMERICAN MODULAR SYSTEMS
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR: _____
 DATE: _____

AMS
 American Modular Systems
 Phone (209) 824-1921 Fax (209) 824-7018
 797 Specimens Ave, Manteca, CA 95336
 www.americamodular.com

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PREPARED BY NAME
**MODULAR BUILDING
 CONSISTING OF
 40' & 24' MODULES**
EVOLVE

SITE SPECIFIC PROJECT NAME
**PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24' x 40' & (1)44' x 40' MODULES**



THESE DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE STATE ARCHITECT
 BEFORE CONSTRUCTION BEGINS.
 REVIEWING ARCHITECT
 DATE: _____
 PROJECT NO.: _____
 SHEET NO.: _____

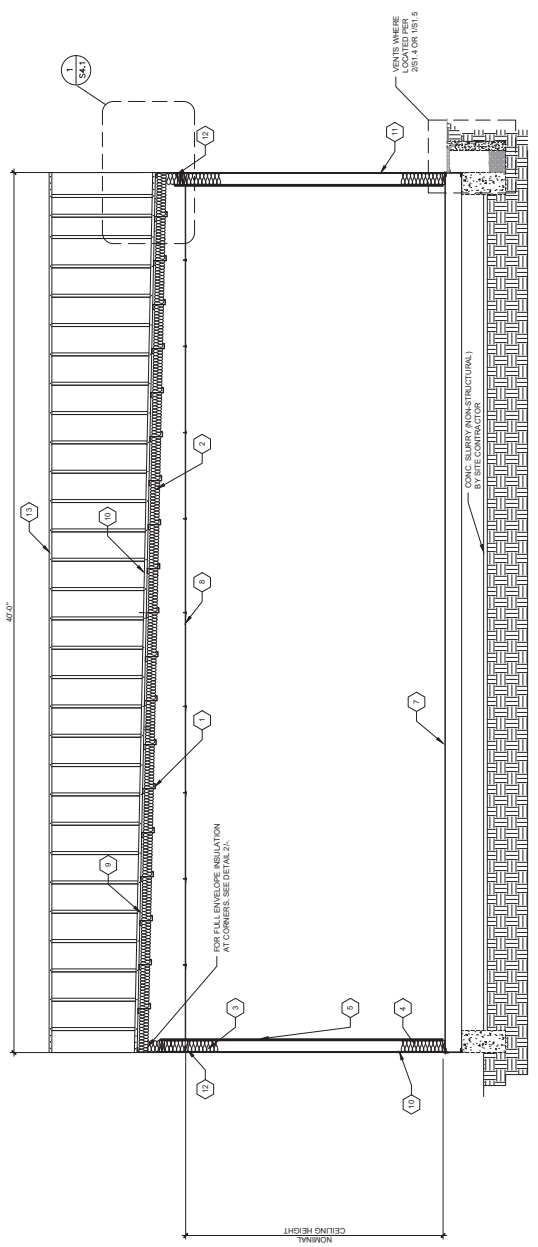
TYPICAL LONGITUDINAL
 AND TRANSVERSE
 FRAME SECTIONS
 SHEET NUMBER

A7.3

- 1 ROOF PURLINS PER ROOF FRAMING PLAN
- 2 NOT USED
- 3 BATT ROOF INSULATION PER SHEET M17
- 4 WALL FRAMING PER SHEETS S80
- 5 WALL INSULATION PER SHEET M17
- 6 VINYL FABRIC OVER TACKABLE BRACING PANELS
- 7 NOT USED
- 8 CONCRETE FLOOR PER SHEETS S3.3
- 9 SUSPENDED T-BAR CEILING PER M1/SAM/L10
- 10 FINISHED ROOFING PER ROOF PLAN & ROOF FRAMING PLAN
- 11 RIGID ROOF INSULATION PER SHEET M17 OVER ROOF SHEATHING (R4-1)
- 12 EXTERIOR WALL FINISH PER EXTERIOR ELEVATIONS
- 13 FIBRE BLOCKING @ CEILING LEVEL PER CSC 718.2
- 14 PARABET PER S.4.8

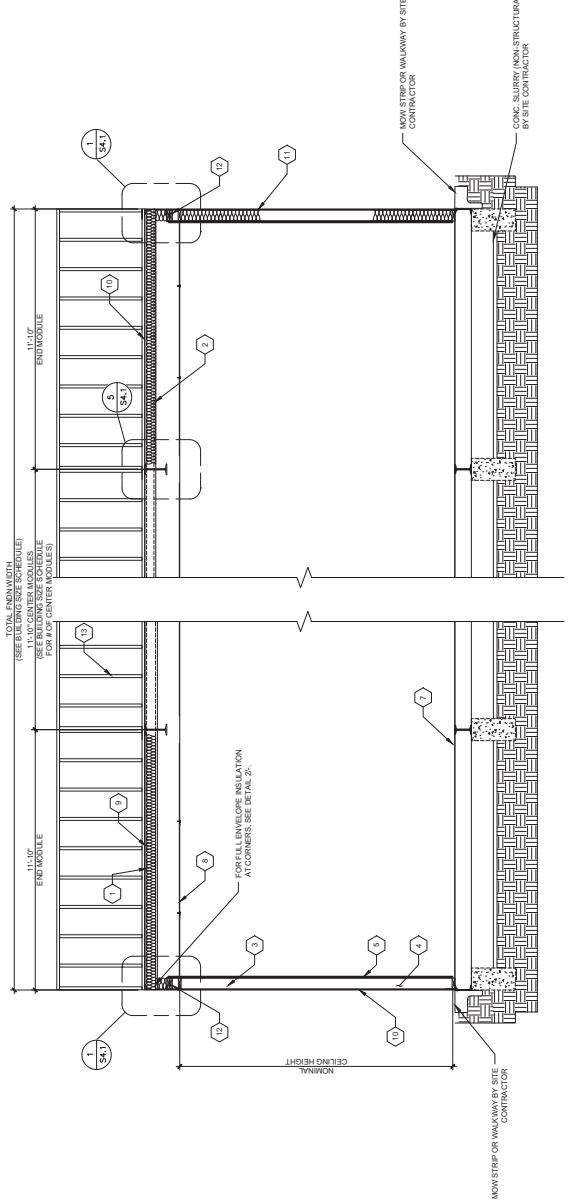
KEY NOTES

NOT USED



SCALE: 3/8" = 1'-0"

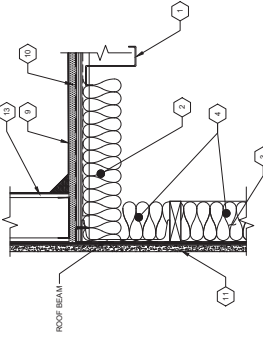
TYP. LONGITUDINAL SECTION - MONO/DUAL PITCH



SCALE: 3/8" = 1'-0"

TYP. TRANSVERSE SECTION - MONO/DUAL PITCH

NOT USED



INSULATION CORNER DET.

SCALE: 1/2" = 1'-0"

SCALE: 3/8" = 1'-0"

SCALE: 3/8" = 1'-0"

AMERICAN MODULAR SYSTEMS
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR: _____ ACS ✓
 DATE: _____ 08/22/2022

AMS
 American Modular Systems
 197 Specimen Ave, Martinez, CA 94530
 Phone (925) 824-1921 Fax (925) 824-7018
 www.americamodular.com

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PRECEDENCE SET NAME
 MODULAR BUILDING
 CONSISTING OF
 40' & 24' MODULES

EVOLVE

TYPE SPECIFICATIONS NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24' x 40' & (1)44' x 40' MODULES

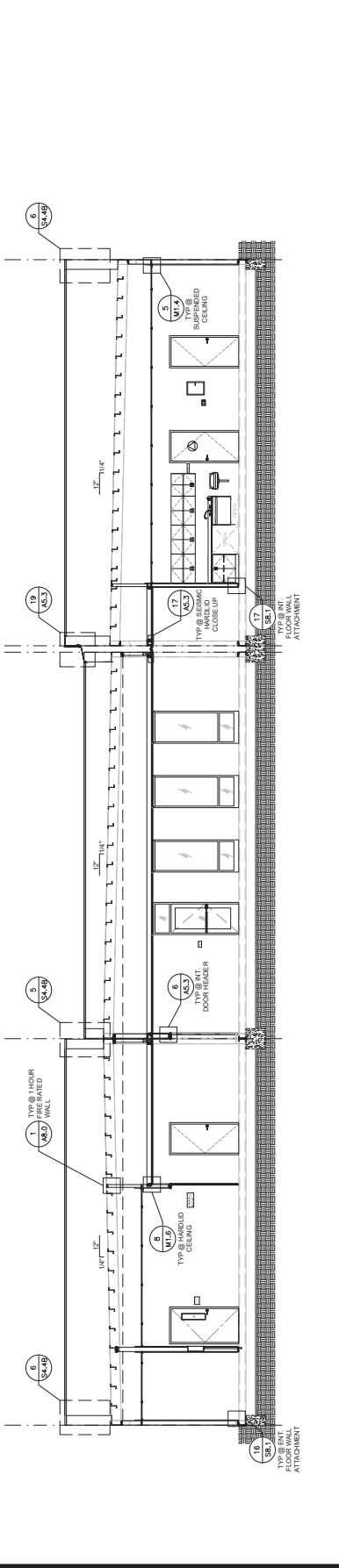


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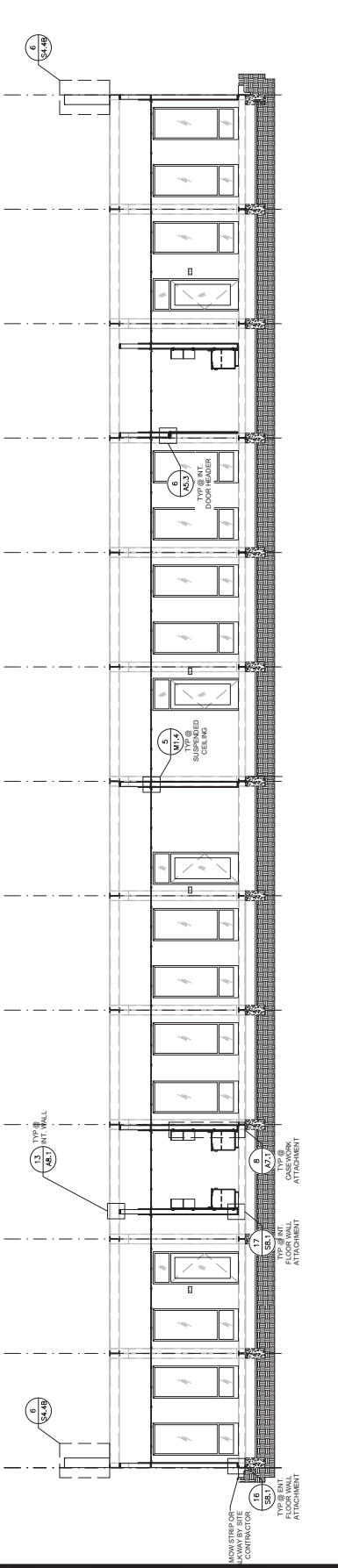
DRAWN BY:	JAVANA
CHECKED BY:	UNREVIEWED
DATE:	07/2022
PROJECT NO.:	90423
SHEET TITLE:	

BUILDING SECTIONS

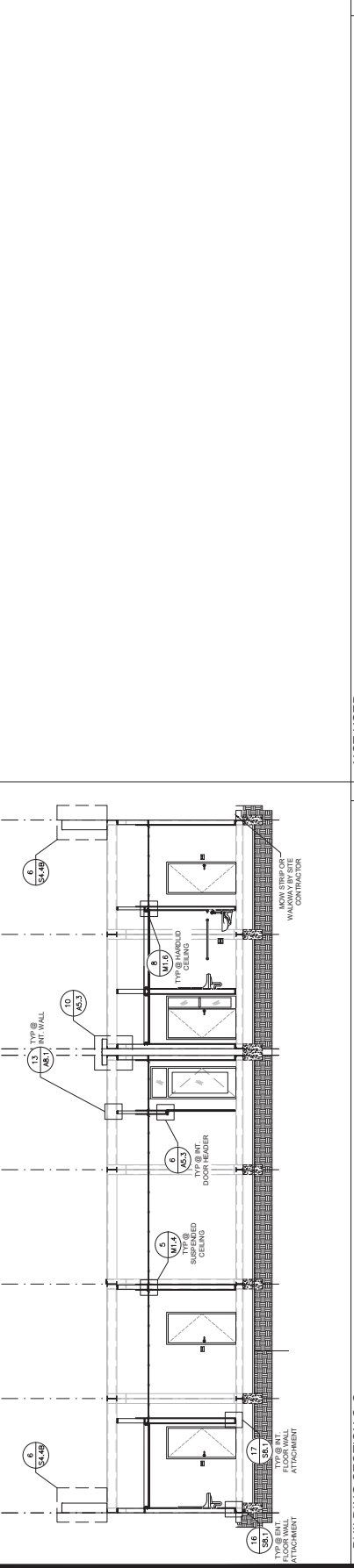
A7.4



BUILDING SECTION A-A SCALE: 3/8"=1'-0"



BUILDING SECTION B-B SCALE: 3/8"=1'-0"



BUILDING SECTION C-C SCALE: 3/8"=1'-0"

3 NOT USED



REVISIONS

NO.	DESCRIPTION
1	REVISED DRAWING PER THE NEW WALL AND THROUGH PENETRATION THROUGH WALLS

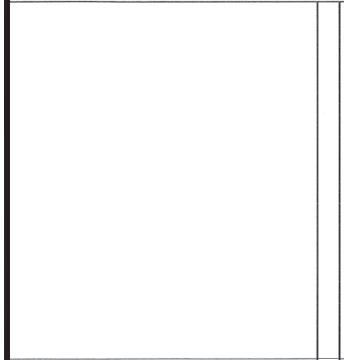
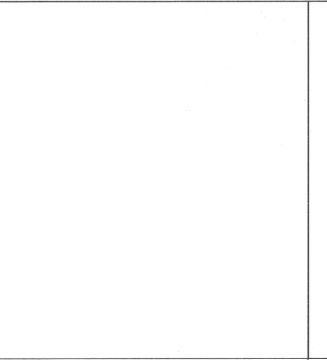
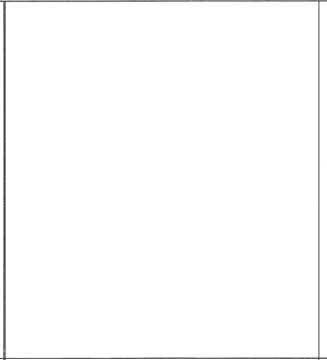
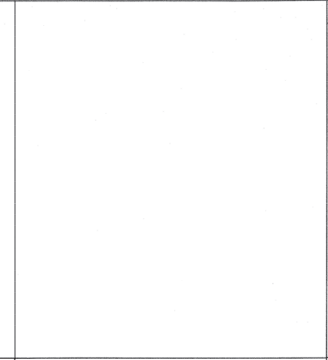
GENERAL NOTES

SCALE	AS NOTED
DATE	06/22/10
BY	WJW
DESIGNED BY	WJW
CHECKED BY	WJW
APPROVED BY	WJW

FIRE-RATED CONSTRUCTION DETAILS

A8.2

SHEET NUMBER

 <p>12" OF SMALLER STEEL OR CAST IRON PIPE AND 6" OR SMALLER CONDUIT OR COPPER PIPE</p>	<p>1. Wall Assembly—The 12 x 2 ft fire-rated gypsum board wall assembly shall be constructed of the materials and in the manner described in the individual ULOU, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory. The following construction details shall be used:</p> <ul style="list-style-type: none"> A. Studs—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nominal 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-5/8 in. (92 mm) wide and spaced max 24 in. (610 mm) OC. B. Gypsum Board—The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual ULOU, U400 or V400 Series Design in the UL Fire Resistance Directory. Max dim of opening is 12-3/4 in. (324 mm). C. Hourly F Rating of the freestop system is equal to the hourly fire rating of the wall assembly in which it is installed. D. Through-Penetrant—One metallic pipe, conduit or tubing installed within the freestop system. The through penetrant to be installed with continuous point contact. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types are acceptable: <ul style="list-style-type: none"> A. Cast Iron Pipe—Nom 4 in. (102 mm) diam or smaller. B. Iron Pipe—Nom 12 in. (305 mm) diam or smaller. C. Conduit—Nom 1 in. (25 mm) diam or smaller. D. Rigid Nonmetallic Conduit—Nom 2 in. (51 mm) diam or smaller. E. Copper Pipe—Nom 6 in. (152 mm) diam or smaller. E. Hourly F Rating of the freestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
 <p>12" OF SMALLER STEEL OR CAST IRON PIPE AND 6" OR SMALLER CONDUIT OR COPPER PIPE</p>	<p>2. Wall Assembly—The 12 x 2 ft fire-rated gypsum board wall assembly shall be constructed of the materials and in the manner described in the individual ULOU, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory. The following construction details shall be used:</p> <ul style="list-style-type: none"> A. Studs—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nominal 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. B. Gypsum Board—The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual ULOU, U400 or V400 Series Design in the UL Fire Resistance Directory. Max dim of opening is 12-3/4 in. (324 mm). C. Hourly F Rating of the freestop system is equal to the hourly fire rating of the wall assembly in which it is installed. D. Through-Penetrant—One metallic pipe, conduit or tubing installed within the freestop system. The through penetrant to be installed with continuous point contact. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types are acceptable: <ul style="list-style-type: none"> A. Cast Iron Pipe—Nom 4 in. (102 mm) diam or smaller. B. Iron Pipe—Nom 12 in. (305 mm) diam or smaller. C. Conduit—Nom 1 in. (25 mm) diam or smaller. D. Rigid Nonmetallic Conduit—Nom 2 in. (51 mm) diam or smaller. E. Copper Pipe—Nom 6 in. (152 mm) diam or smaller. E. Hourly F Rating of the freestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
 <p>24" OF SMALLER STEEL OR CAST IRON PIPE AND 6" OR SMALLER CONDUIT OR COPPER PIPE</p>	<p>3. Wall Assembly—The 12 x 2 ft fire-rated gypsum board wall assembly shall be constructed of the materials and in the manner described in the individual ULOU, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory. The following construction details shall be used:</p> <ul style="list-style-type: none"> A. Studs—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nominal 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. B. Gypsum Board—The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual ULOU, U400 or V400 Series Design in the UL Fire Resistance Directory. Max dim of opening is 12-3/4 in. (324 mm). C. Hourly F Rating of the freestop system is equal to the hourly fire rating of the wall assembly in which it is installed. D. Through-Penetrant—One metallic pipe, conduit or tubing installed within the freestop system. The through penetrant to be installed with continuous point contact. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types are acceptable: <ul style="list-style-type: none"> A. Cast Iron Pipe—Nom 4 in. (102 mm) diam or smaller. B. Iron Pipe—Nom 12 in. (305 mm) diam or smaller. C. Conduit—Nom 1 in. (25 mm) diam or smaller. D. Rigid Nonmetallic Conduit—Nom 2 in. (51 mm) diam or smaller. E. Copper Pipe—Nom 6 in. (152 mm) diam or smaller. E. Hourly F Rating of the freestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
 <p>24" OF SMALLER STEEL OR CAST IRON PIPE AND 6" OR SMALLER CONDUIT OR COPPER PIPE</p>	<p>4. Wall Assembly—The 12 x 2 ft fire-rated gypsum board wall assembly shall be constructed of the materials and in the manner described in the individual ULOU, U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory. The following construction details shall be used:</p> <ul style="list-style-type: none"> A. Studs—Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nominal 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC. B. Gypsum Board—The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual ULOU, U400 or V400 Series Design in the UL Fire Resistance Directory. Max dim of opening is 12-3/4 in. (324 mm). C. Hourly F Rating of the freestop system is equal to the hourly fire rating of the wall assembly in which it is installed. D. Through-Penetrant—One metallic pipe, conduit or tubing installed within the freestop system. The through penetrant to be installed with continuous point contact. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types are acceptable: <ul style="list-style-type: none"> A. Cast Iron Pipe—Nom 4 in. (102 mm) diam or smaller. B. Iron Pipe—Nom 12 in. (305 mm) diam or smaller. C. Conduit—Nom 1 in. (25 mm) diam or smaller. D. Rigid Nonmetallic Conduit—Nom 2 in. (51 mm) diam or smaller. E. Copper Pipe—Nom 6 in. (152 mm) diam or smaller. E. Hourly F Rating of the freestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR cUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR cUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

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24" OF SMALLER STEEL OR CAST IRON PIPE AND 6" OR SMALLER CONDUIT OR COPPER PIPE

AMERICAN MODULAR SYSTEMS
 DIV. OF THE STATE ARCHITECT
 APP: 04-12084 INC.
 REVIEWED FOR: [] FILED [] ACS []
 DATE: 08/23/2022



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MODULAR BUILDING
 CONSISTING OF
 40' x 24' MODULES
EVOLVE

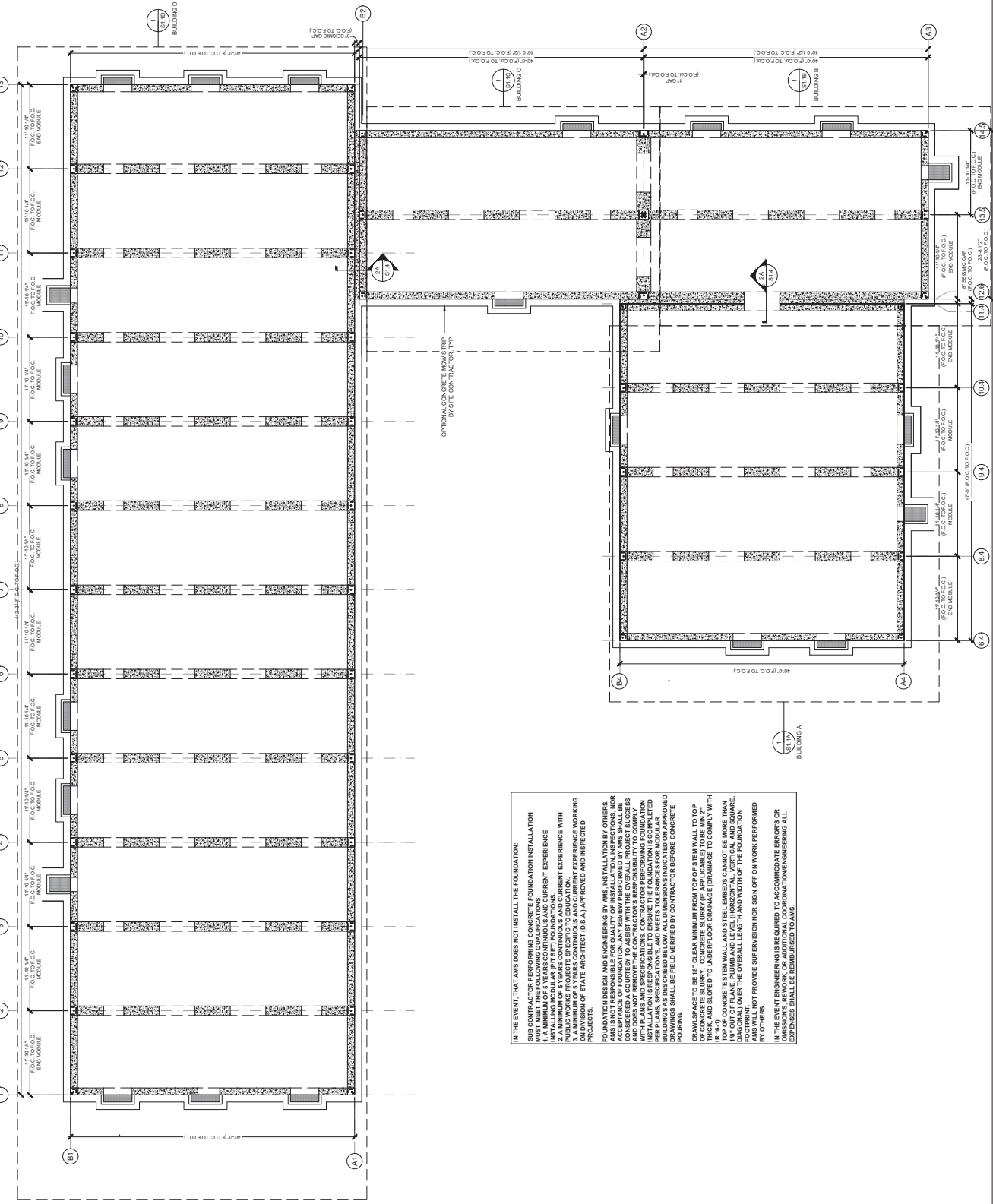
SEE SPECIFICATIONS FOR NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' / (2)24' x 40' (1)144' x 40' MODULES



DATE:	08/23/2022
DESIGNED BY:	AKA/A
CHECKED BY:	AKA/A
SCALE:	AS NOTED
PROJECT NO.:	04-12084
SHEET NO.:	04-12084-01
SHEET TITLE:	OVERALL CONCRETE FOUNDATION PLAN

OVERALL
 CONCRETE FOUNDATION PLAN

SHEET NUMBER
S1.1



IN THE EVENT THAT AMS DOES NOT INSTALL THE FOUNDATION:
 SUB CONTRACTOR PERFORMING CONCRETE FOUNDATION INSTALLATION
 MUST MEET THE FOLLOWING QUALIFICATIONS:
 1. A LICENSED CONTRACTOR WITH CURRENT EXPERIENCE
 INSTALLING MODULAR (PIT SET) FOUNDATIONS.
 2. A MINIMUM OF 5 YEARS CONTINUOUS AND CURRENT EXPERIENCE WITH
 PUBLIC WORKS PROJECTS SIMILAR TO EDUCATION
 PROJECTS.
 3. A MINIMUM OF 5 YEARS CONTINUOUS AND CURRENT EXPERIENCE WORKING
 FOR THE STATE ARCHITECT (S.A.) APPROVED AND INSPECTED
 FOUNDATION DESIGN AND ENGINEERING BY OTHERS.
 AMS IS NOT RESPONSIBLE FOR QUALITY OF INSTALLATION, INSPECTIONS, NOR
 CONSIDERS A COURTESY TO ASSIST WITH THE OVERALL PROJECT SUCCESS
 AND DOES NOT REMOVE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY
 WITH ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR'S
 INSTALLATION IS RESPONSIBLE TO ENSURE THE FOUNDATION IS COMPLETED
 ACCORDING TO THE APPROVED FOUNDATION DESIGN AND ENGINEERING
 DRAWINGS AS DESCRIBED BELOW. ALL DIMENSIONS INDICATED ON APPROVED
 DRAWINGS SHALL BE FIELD VERIFIED BY CONTRACTOR BEFORE CONCRETE
 POURING.
 GRAVELSPACE TO BE 12" CLEAR MINIMUM FROM TOP OF STEM WALL, TOP
 OF CONCRETE STEM WALL AND STEEL EMBEDS CANNOT BE MORE THAN
 1/8" OUT OF PLANE, PLUMB AND LEVEL (HORIZONTAL, VERTICAL, AND SQUARE,
 FOOTPRINT). OTHER THAN THE ORIGINAL LENGTH AND WIDTH OF THE FOUNDATION
 FOOTPRINT.
 CONTRACTOR NOT PROVIDE SUPERVISION NOR SIGN OFF ON WORK PERFORMED
 BY OTHERS.
 IN THE EVENT ENGINEERING IS REQUIRED TO ACCOMMODATE BRACKETS OR
 DIMENSIONS'S REWORK OR ADDITIONAL COORDINATION ENGINEERING ALL
 EXPENSES SHALL BE REIMBURSED TO AMS.

OVERALL CONCRETE FOUNDATION PLAN (CONCRETE FLOOR)

AMERICAN MODULAR SYSTEMS
DIV. OF THE STATE ARCHITECT
APP: 04-120844 INC.
REVIEWED FOR: _____
DATE: _____



AMERICAN MODULAR SYSTEMS, INC.
10000 W. CENTRAL EXPRESSWAY, SUITE 100
DALLAS, TEXAS 75243
PHONE: (214) 825-1921 FAX: (214) 825-7918
WWW.AMERICANMODULAR.COM

MODULAR BUILDING
CONSISTING OF
40' x 24' MODULES
EVOLVE

CHILDEVELOPMENT CENTER
PALO VERDE COLLEGE
(1)48' x 40' (2)24' x 40' (1)144' x 40' MODULES

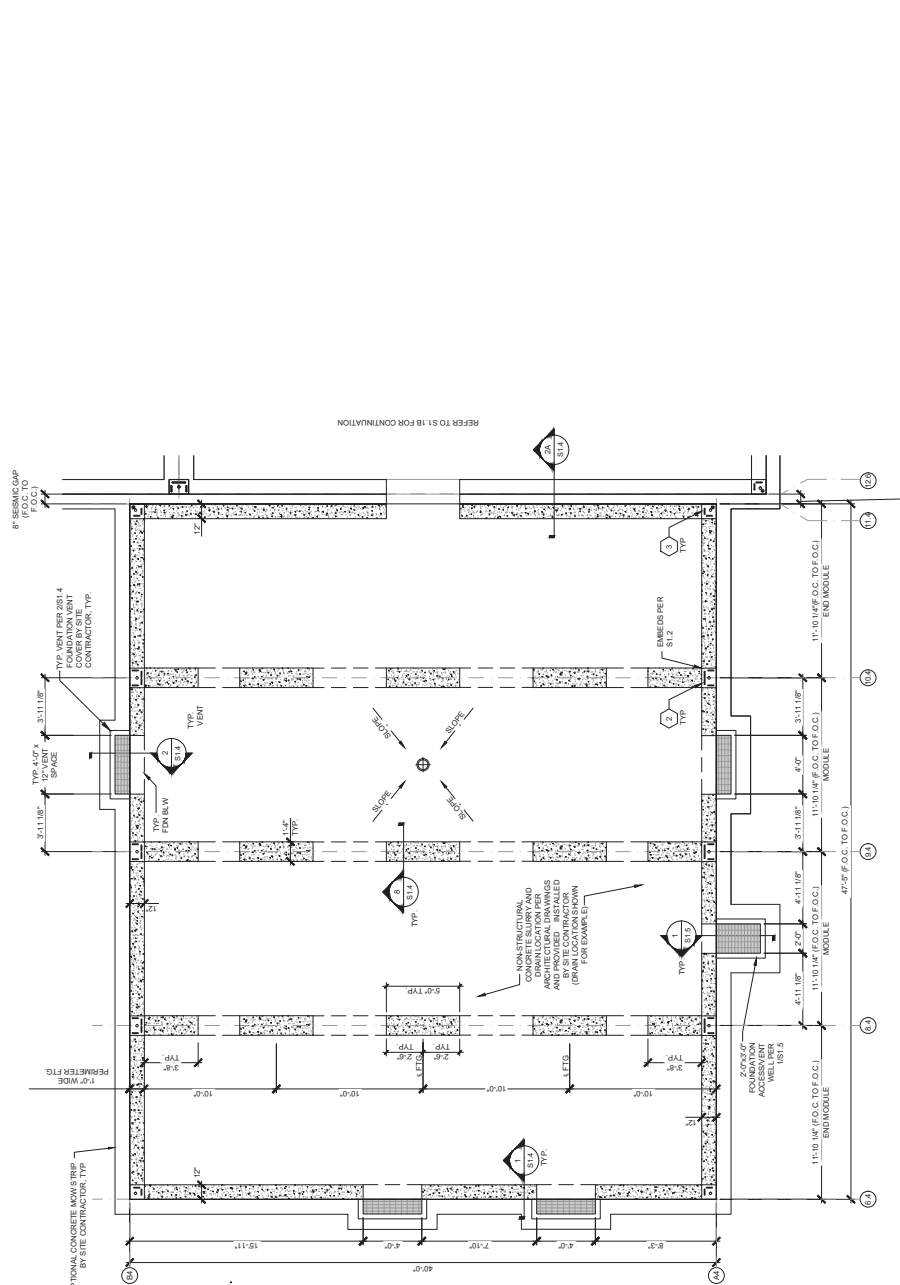


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PROJECT TITLE
**CONCRETE FOUNDATION PLAN
(100 PSF MAX FLOOR LIVE LOAD)**

BUILDING A

SHEET NUMBER
S1.1A



CONCRETE FOUNDATION PLAN (CONCRETE FLOOR) - BUILDING A
SCALE: 1/4" = 1'-0"

TOTAL # OF CENTER MODULES	TOTAL # OF NOMINAL FLOOR AREA (SQ. FT.) (CRAWLSPACE)	NET FREE ACCESS VENT RECD (SQ. FT.)	IF 4"x2" VENTS ARE USED SOLELY	
			MIN. # OF VENTS REQ'D	NET FREE VENT AREA PROVIDED (SQ. FT.)
4	1276	10.52	1	14.68

INTERIOR MODULE BASE RATE PER ISI 2
EXTERIOR MODULE BASE RATE PER ISI 2
CORNER BASE RATE PER ISI 2

1. UNLESS NOTED OTHERWISE, DIMENSIONS ARE FROM FACE OF CONCRETE TO FACE OF CONCRETE (FAC TO FAC)
2. N/A ARE USED AS BASED ON A 100% VENT AREA HAS TO DO WITH THE MINIMUM ALLOWABLE VENT AREA. VENT AREA PROVIDED IS THE ACTUAL OPEN AREA WITH A VENT GROSS AREA REDUCTION PERCENTAGE OF 73% NUMBER OF VENTS PROVIDED.
3. N/A ARE USED AS BASED ON A 100% VENT AREA HAS TO DO WITH THE MINIMUM ALLOWABLE VENT AREA. VENT AREA PROVIDED IS THE ACTUAL OPEN AREA WITH A VENT GROSS AREA REDUCTION PERCENTAGE OF 73% NUMBER OF VENTS PROVIDED.
4. RE (USED) VENTING MAY BE ACHIEVED BY A COMBINATION OF ACCESS VENTS (S) AND VENTS OF DIFFERENT SIZE BASED ON THE VALUES LISTED BELOW.

1. CONCRETE MIXTURES:
 - ULTIMATE 28 DAY CONCRETE COMPRESSIVE STRENGTH (C) SHALL BE PER SHEET 1.01A.
 - MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH (C) SHALL BE PER SHEET 1.01A.
 - COMBINATION OF CONCRETE MIXTURE CHANGES SHALL BE AS SPECIFIED IN PART 2, SECTION 26.4.4.
 - SEE SHEET 1.01 FOR ADDITIONAL CONCRETE NOTES.
2. REINFORCING BARS SHALL BE PER SHEET 1.01B. ALL REINFORCING BARS SHALL BE 60,000 PSI MINIMUM PER ASTM A615. THE REINFORCING BARS SHALL BE TESTED PER TITLE 24, PART 2, SECTION 1909A.2. TEST OF REINFORCING BARS MAY BE WAIVED PROVIDED CERTIFIED MILL TEST REPORTS ARE PROVIDED FOR EACH SHIPMENT OF SUCH REINFORCEMENT.
 - DESIGN SIZE BEARING CAPACITY: 2000 PSF.
 - INCREASE IN SOLE BEARING CAPACITY NOT PERMITTED FOR WIND BEARING LONG COMBINATIONS UNLESS USING ALTERNATIVE BEARING LONG COMBINATIONS PER CBC SECTION 1605A.3.2.
 - SHOW UP ON ADJACENT SHEETS.

KEY NOTES

MODULE SCHEDULE AND VENTING

NOTES

AMERICAN MODULAR SYSTEMS
DIV. OF THE STATE ARCHITECT
APP: 04-120844 INC.
REVIEWED FOR: _____ ACS ✓
SCALE: _____ FLS ✓
DATE: _____ 03/23/2022



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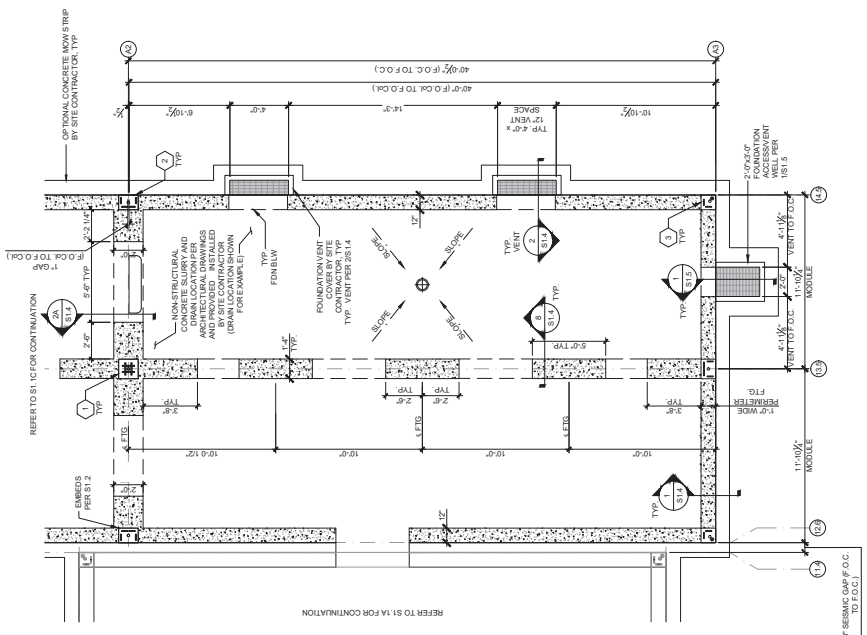
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PROJECT NO. 062527
DATE: 03/23/2022
DRAWN BY: JAA/KA
SCALE: AS NOTED
SHEET NO. 062527

CONCRETE FOUNDATION PLAN
BUILDING B
(100 PSF MAX FLOOR LIVE LOAD)
SHEET NUMBER
S1.1B



CONCRETE FOUNDATION PLAN (CONCRETE FLOOR) - BUILDING B
100 PSF LIVE LOAD

- CONCRETE NOTES:
 - ULTIMATE 28 DAY CONCRETE COMPRESSIVE STRENGTH (C) SHALL BE PER SHEET B.10.A.
 - CONCRETE SHALL BE CURED PER TITLE 24 PART 2 SECTION 1905.4.1.
 - DOCUMENTATION OF CONCRETE MIXTURE CHARACTERISTICS SHALL BE IN ACCORDANCE WITH 24 PART 24.4.
 - SEE SHEET B.10 FOR ADDITIONAL CONCRETE NOTES.
- REINFORCING STEEL SHALL BE 60,000 PSI MINIMUM PER ASTM A615. THE REINFORCING BARS SHALL BE TESTED PER TITLE 24 PART 2 SECTION 1905A.2. TEST OF REINFORCING BARS MAY BE WAIVED PROVIDED CERTIFIED MILL TEST REPORTS ARE PROVIDED FOR EACH SHIPMENT OF SUCH REINFORCEMENT.
 - DESIGN SOIL BEARING CAPACITY 2000 PSF.
 - INCREASE IN SOIL BEARING CAPACITY NOT PERMITTED FOR WIND SEISMIC LOAD COMBINATIONS UNLESS USING ALTERNATIVE SEISMIC LOAD COMBINATIONS PER CBC SECTION 1605A.3.2) SHOWING THE ADJACENT MOMENT.

- INTERIOR MODLINE BASE RATE PER 191.2
- EXTERIOR MODLINE BASE RATE PER 201.2
- CORNER BASE RATE PER AS1.2

NOTE: BUILDINGS B & C ARE COMBINED.

TOTAL # OF MODULES	TOTAL # OF CENTER MODULES	TOTAL NOMINAL FLOOR AREA (FT ²) (CRAWLSPACE)	NET FREE VENT REOD (FT ²)	ACCESS VENT REOD	IF 4'X12' VENTS ARE USED SOLELY	
					MIN TOTAL VENTS REQ'D	NET FREE VENT AREA PROVIDED (FT ²)
4	0	1659	10.46	1	4	14.68

- UNLESS NOTED OTHERWISE, DIMENSIONS ARE FROM FACE OF CONCRETE TO FACE OF CONCRETE (F.O.C. TO F.O.C.)
- NFA PER 191.2 BASED ON 100 PSF MINIMUM FLOOR LOAD AREA. VENT AREA PROVIDED IS THE ACTUAL OPEN AREA WITH A VENT AREA REDUCTION PERCENTAGE OF 73 % NUMBER OF VENTS PROVIDED.
- NFA PER 191.2 BASED ON 100 PSF MINIMUM FLOOR LOAD AREA. VENT AREA PROVIDED IS THE ACTUAL OPEN AREA WITH A VENT AREA REDUCTION PERCENTAGE OF 73 % NUMBER OF VENTS PROVIDED.
- RE: UNLESS NOTED OTHERWISE, DIMENSIONS ARE FROM FACE OF CONCRETE TO FACE OF CONCRETE (F.O.C. TO F.O.C.)

MODULE SCHEDULE AND VENTING

KEY NOTES

NOTES

SCALE: 1/4" = 1'-0"

APPROVED BY THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR: SD FLS ACS
 DATE: 08/26/2022



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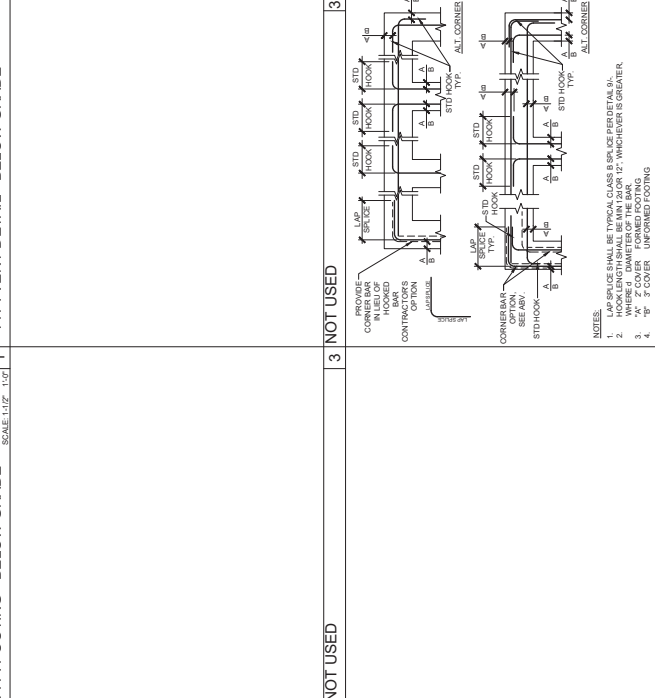
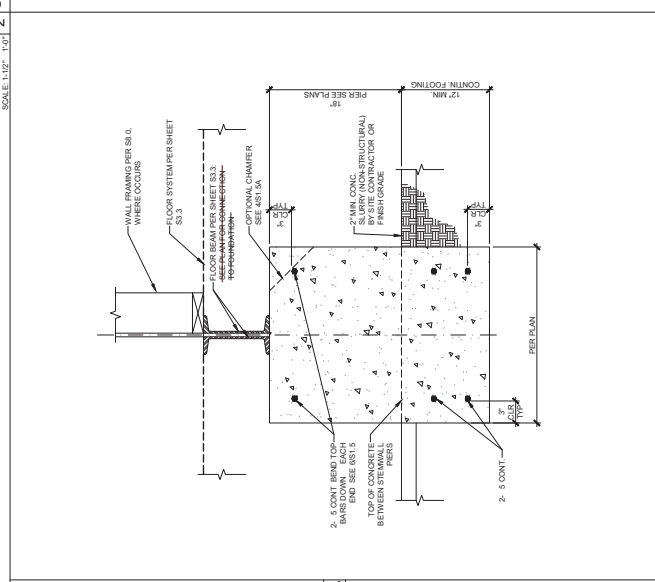
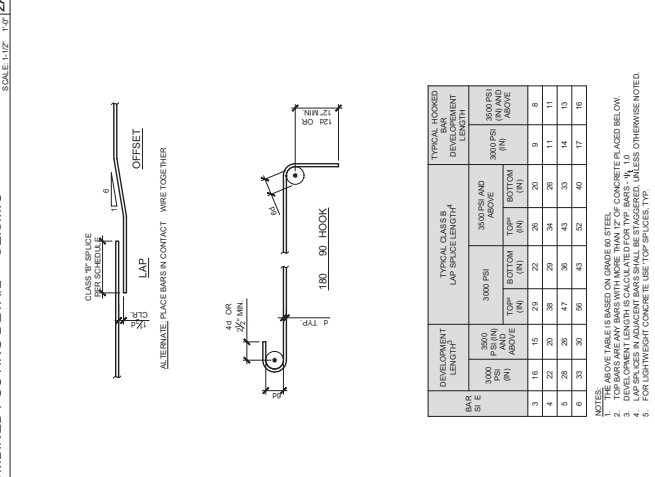
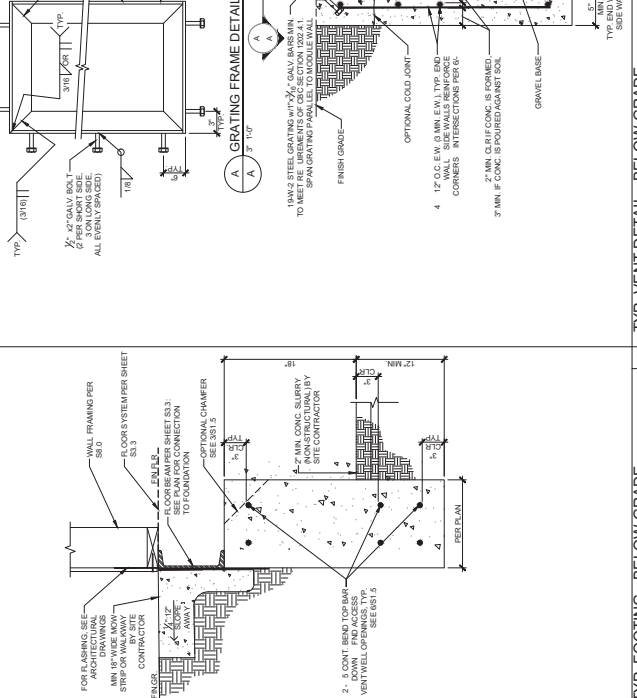
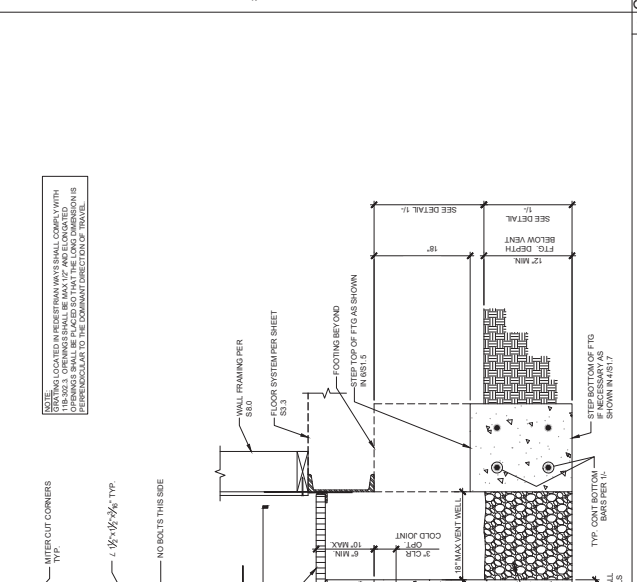
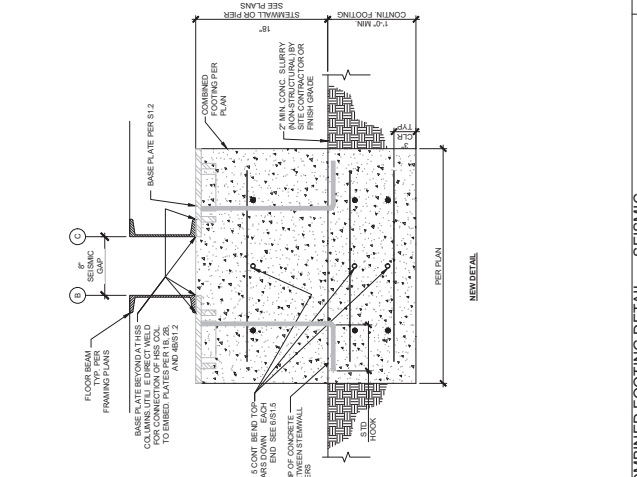
PROJECT NAME:
**MODULAR BUILDING
 CONSISTING OF
 40' x 24' MODULES**

SITE SPECIFIC PROJECT NAME:
**PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24' x 40'**



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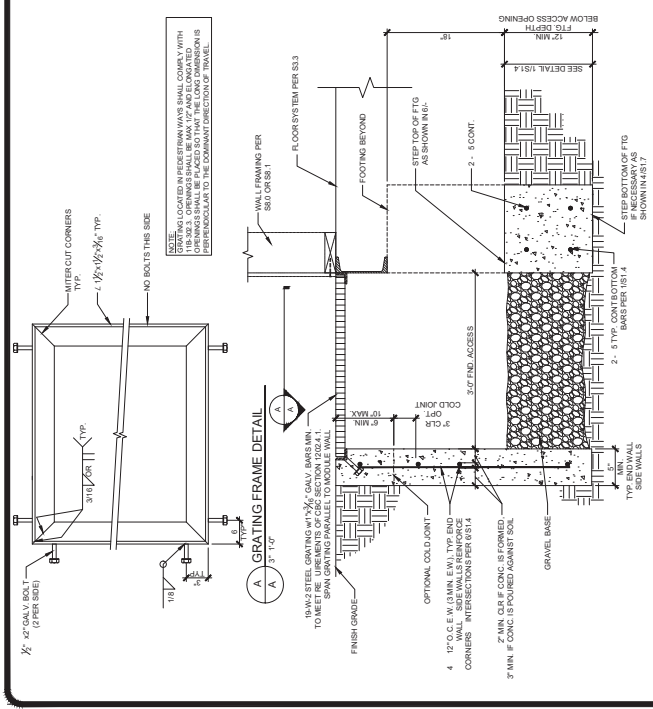
DRAWN BY: JAWAN
 SCALE: AS NOTED
 DATE: 08/22/22
 SHEET TITLE: CONCRETE FOUNDATION DETAILS
 SHEET NUMBER: S1.4





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DESIGNED BY	JMVA
SCALE	AS NOTED
DATE	08/20/22
DRAWN BY	JMVA
CHECKED BY	JMVA
IN CHARGE	JMVA
SHEET TITLE	CONCRETE FOUNDATION DETAILS
SHEET NUMBER	S1.5

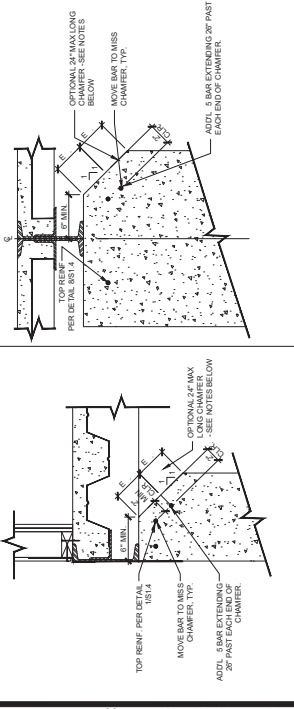


BELOW GRADE SECTION / ACCESS WELL DETAIL
SCALE: 1/2" = 1'-0"

NOT USED 2



NOT USED 7



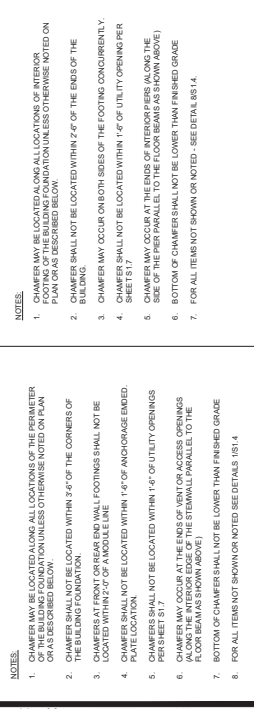
CHAMFER DETAILS PERIMETER
SCALE: 1/2" = 1'-0"

NOT USED 3



CHAMFER DETAILS INTERIOR
SCALE: 1/2" = 1'-0"

NOT USED 4



VENT/ACCESS OPENING DETAIL
SCALE: 1/2" = 1'-0"

NOT USED 5



NOT USED 6

CHAMFER DETAILS PERIMETER
SCALE: 1/2" = 1'-0"

CHAMFER DETAILS INTERIOR
SCALE: 1/2" = 1'-0"

VENT/ACCESS OPENING DETAIL
SCALE: 1/2" = 1'-0"

NOT USED 7

AMERICAN MODULAR SYSTEMS
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APP: 04-120844 INC.
REVIEWED FOR: _____ ACS:
SCALE: _____ FLS:
DATE: _____ 08/28/2022



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PROJECT NAME:
**MODULAR BUILDING
CONSISTING OF
40' x 24' MODULES**

EVOLVE

SITE SPECIFIC PROJECT NAME:
**PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(1)48' x 40' (2)24'x40' (1)144'x40' MODULES**

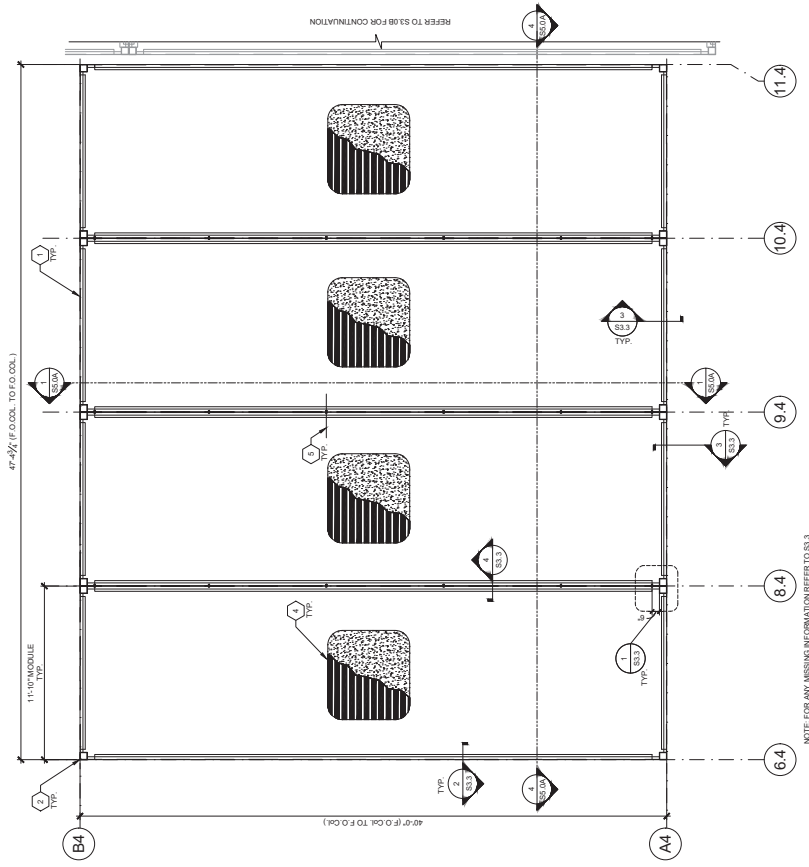


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SCALE: _____
DRAWN BY: JAVAKA
SCALE: AS NOTED
DATE: 08/28/22
DATE REVISION: _____
BY: _____

SHEET TITLE:
**FLOOR FRAMING PLAN
DETAILS FOR CONCRETE
FLOOR W/ 3WH-DECK OR
3WH-DECK OPTION
(100 PSF MAX FLOOR LL.)**

SHEET NUMBER:
S3.0A



FLOOR FRAMING PLAN (CONCRETE FLOOR w/ 3WH-DECK OR 3WH-DECK OPTION) 100 PSF MAX FLOOR LIVE LOAD - BUILDING A

- SCALE: 1/4" = 1'-0"
- FLOOR BEAM PER SHEET IS TO USE SINGLE S11E CHANNEL THROUGHOUT FLOOR
 - NOT USED
 - NOT USED
 - NOT USED
 - 5" MIN. LIGHTWEIGHT CONCRETE FILL W/ 6000 PSI 4" MIN. W/ 1" F.O.C. OPENINGS 18 GA. 3WH GALV. ED. DECK (P. MAX TOTAL THICKNESS) 5/8" AB 10" O.C. MAX. P. MAX. FROM INSIDE FACE OF COLUMNS
 - 500# FIBER FLOOR CHANNELS 160T 1/2"
 - NOT USED
 - NOT USED
 - FLOOR ACCESS OPENING PER S3.1

KEY NOTES

NOT USED

AMERICAN MODULAR SYSTEMS
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR: ACS
 DATE: 08/28/2022



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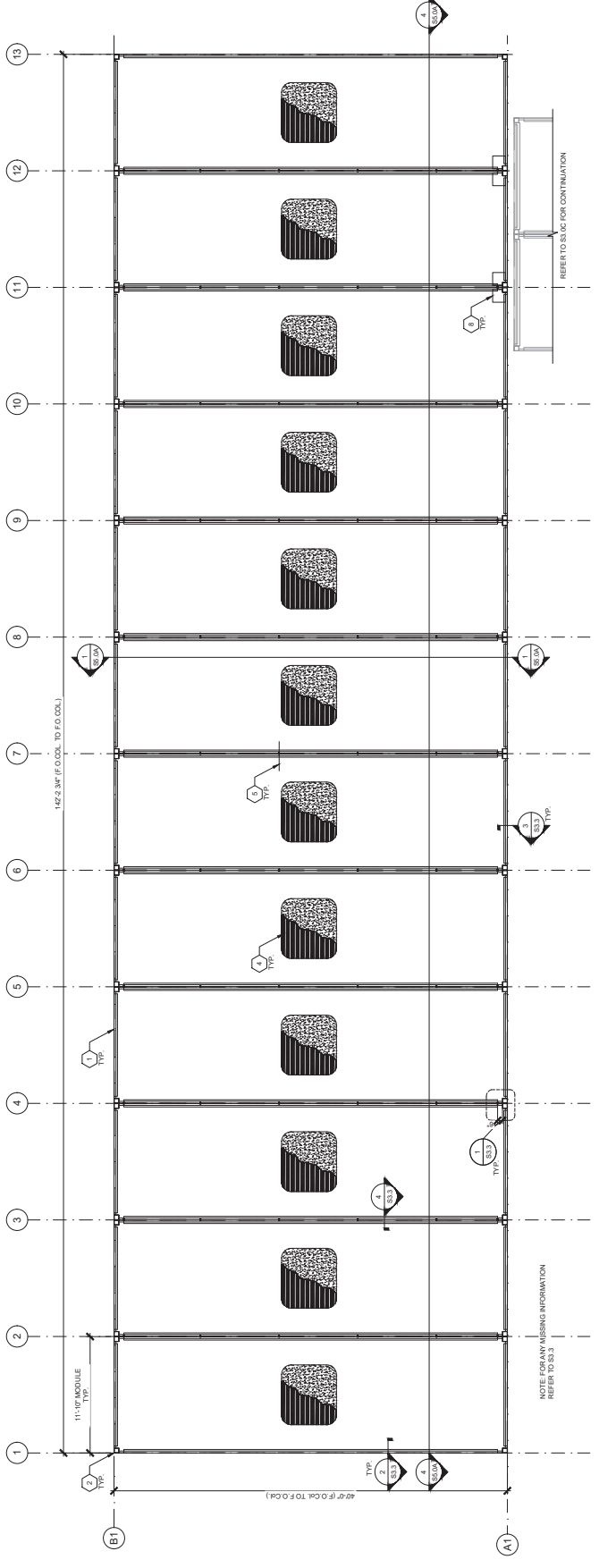
PROCESSED BY NAME
 MODULAR BUILDING
 CONSISTING OF
 40' x 24' MODULES
EVOLVE
 SITE SPECIFIC PRODUCT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24'x40' (1)144'x40' MODULES



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 DRAWN BY: JAVVA
 SCALE: AS NOTED
 DATE: 08/22/22
 SHEET NO.: 3043

FLOOR FRAMING PLAN
 DETAILS FOR CONCRETE
 FLOOR W/ 3WH-DECK OR
 3WH-DECK OPTION
 (100 PSF MAX FLOOR LL.)
 SHEET NUMBER

S3.0D



FLOOR FRAMING PLAN (CONCRETE FLOOR W/ 3WH-DECK OR 3WH-DECK OPTION) 100 PSF MAX FLOOR LIVE LOAD - BUILDING D

- SCALE: 3/16" = 1'-0"
- 1 BLOCK/BEAM PER SHEET S3.0A USE SINGLE B E CHANNEL THROUGHOUT FLOOR SYSTEM
 - 2 IBS COLUMN PER SHEET S3.0A
 - 3 NOT USED
 - 4 1/2" MAX. LIFT IN DECK CONG. FILL (SOUTH 4WH) WITH 1" LAP OVER ASG. TIE. 3WH GALVANI. ED DECK (F MAX TOTAL THICKNESS)
 - 5 3/4" MAX. 10" O.C. MAX. IF MAX. REMAINS FACE OF COLUMNS
 - 6 NOT USED
 - 7 NOT USED
 - 8 FLOOR ACCESS OPENING PER S3.1

KEY NOTES

NOT USED

AMERICAN MODULAR SYSTEMS
DIV. OF THE STATE ARCHITECT
APP: 04-12084 INC.
REVIEWED FOR:
DATE: 03/23/2022



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MODULAR BUILDING
CONSISTING OF
40 & 24 MODULES

EVOLVE

SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(1)48' X 40' (2)24' X 40' & (1)144' X 40' MODULES



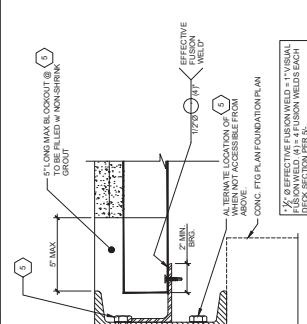
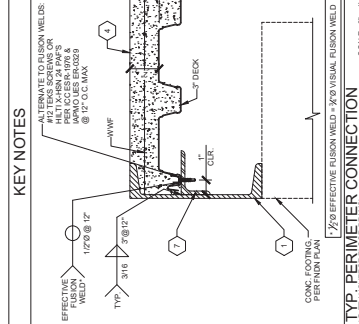
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PROJECT TITLE
FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR W/ 3WH-DECK OR 3WHX-DECK OPTION (100 PSF MAX FLOOR LL.)

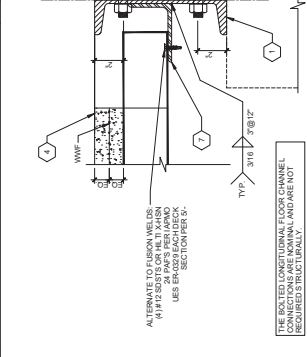
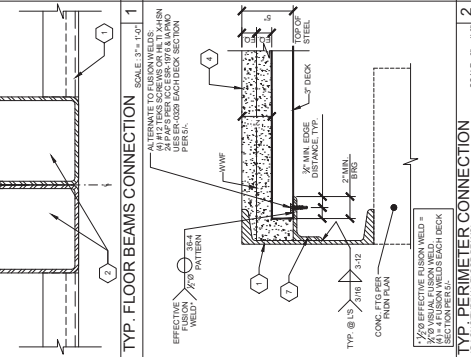
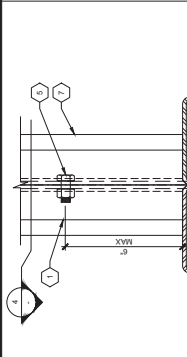
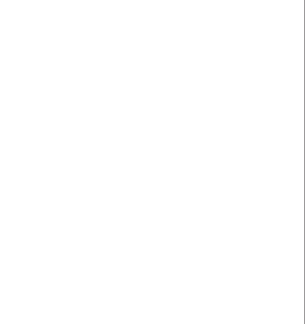
S3.3

SHEET NUMBER

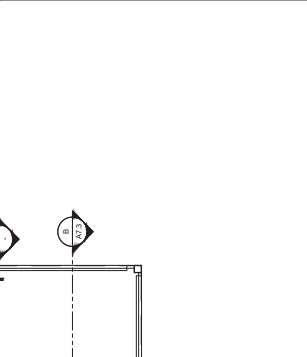
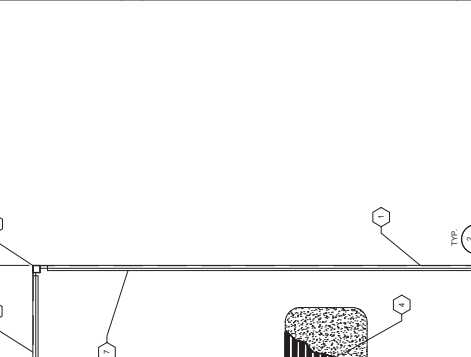
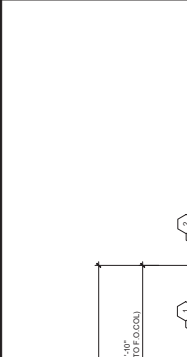
- 1 FLOOR BEAM PER SHEET S.S.O. USE SINGLE SIZE CHANNEL THROUGHOUT
- 2 HSS COLUMN PER SHEET S.S.O.
- 3 Z MIN LIGHT WEIGHT CONC. FILL W/ 60MM 4MM X WWF
- 4 W/ 10" LAP OVER ASC. 18 GA 3WH GALVANIZED DECK (IF MAX TOTAL THICKNESS SEE S1 FOR DE APPROPRIATE ATTACHMENT PATTERN)
- 5 3/8" DIA @ 10" O.C. MAX. IF MAX FROM INSIDE FACE OF COLUMN PER BOAT HOLE THRU FLOOR CHANNELS = BOLE 1" X 1/2"
- 6 NOT USED
- 7 1/4" X 1/2" L/W MIN DECK SUPPORT ANGLE PER DETAIL 2.3 & 4.



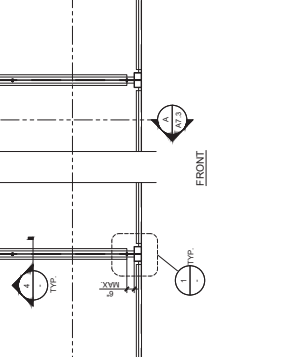
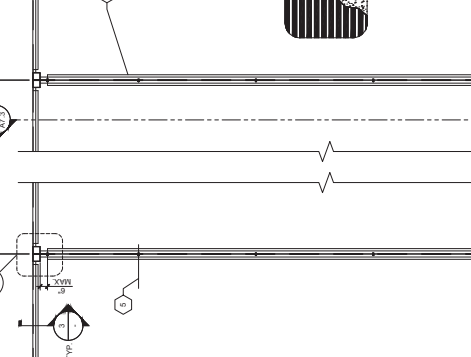
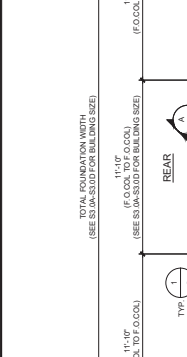
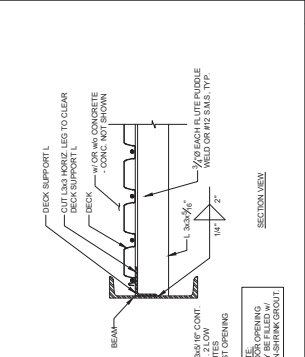
3 TYP. PERIMETER CONNECTION. Scale: 3/8" = 1'-0" (SEE TRANSVERSE SECTION S1)



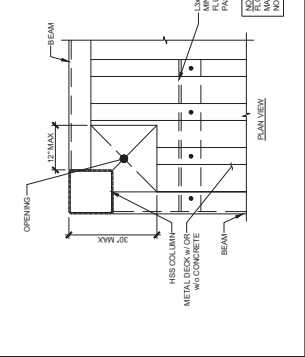
3 TYP. PERIMETER CONNECTION. Scale: 3/8" = 1'-0" (SEE TRANSVERSE SECTION S1)



11' X 11' (F.O.C. TO F.O.C.) (SEE S1 MAXIMUM BUILDING SIZE)

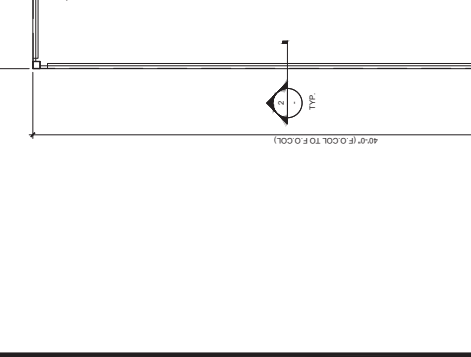


SECTION VIEW



MINIMUM PROPERTIES

PLAN DESIGNATION	DECK TYPE	S _{max} IN/FT	I _y IN ⁴ /FT	AVAILABLE DIAPHRAGM SHEAR (LRFD)
3'-18 GA GALV DECK (38" WIDE)	3'-18 GA GALV DECK (38" WIDE)	0.789	1.233	1585 PLF (LRFD) W/ 2" THICKNESS



NOTE: FLOOR OPENING DETAIL SHALL BE IN ACCORDANCE WITH NON-SHINK GROUT.

NOTE: FLOOR OPENING DETAIL SHALL BE IN ACCORDANCE WITH NON-SHINK GROUT.

OPTIONAL FLOOR ACCESS OPENING DETAIL

OPTIONAL FLOOR ACCESS OPENING DETAIL

3WHX MTL DECK PROPERTIES & PROFILE

3WHX MTL DECK PROPERTIES & PROFILE

3WHX MTL DECK PROPERTIES & PROFILE

3WHX MTL DECK PROPERTIES & PROFILE

3WHX MTL DECK PROPERTIES & PROFILE

NOT USED

REVISED BY: JAVIER
 DATE: 08/23/22
 APP: 04-12094 INC.
 REVISED FOR: FLS
 DATE: 08/23/22



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 Phone: (209) 825-1921 Fax: (209) 822-7018
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PROCESSED BY: NAME
 MODULAR BUILDING
 CONSISTING OF
 40' & 24' MODULES
EVOLE

SITE SPECIFIC PROJECT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (148' x 40') / (244' x 40') & (1) 144' x 40' MODULES



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OWNER:	JAVNA
DATE:	08/23/22
SCALE:	AS NOTED
PROJECT NO.:	2424
SHEET TITLE:	ROOF FRAMING PLAN & DETAILS
ROOF SHEATHING OPTION:	BUILDING B
SHEET NUMBER:	S4.0B

- 1 TRANSVERSE ROOF BEAM PER SHEET S5.0.
- 2 LONGITUDINAL ROOF BEAM PER SHEET S5.0.
- 3 HSS COLUMN PER SHEET S5.0.
- 4 ROOF PURLIN @ 24' O.C. MAX.
- 5 SEE SHEET S5.0.
- 6 SINGLE PLY ROOFING
- 7 PROVIDE DOUBLE PURLIN PER 24S4.3
- 8 PROVIDE DOUBLE PURLIN PER 24S4.3
- 9 PROVIDE DOUBLE PURLIN PER 24S4.3
- 10 PROVIDE DOUBLE PURLIN PER 24S4.3
- 11 PROVIDE DOUBLE PURLIN PER 24S4.3
- 12 PROVIDE DOUBLE PURLIN PER 24S4.3
- 13 PROVIDE DOUBLE PURLIN PER 24S4.3
- 14 PROVIDE DOUBLE PURLIN PER 24S4.3
- 15 PROVIDE DOUBLE PURLIN PER 24S4.3
- 16 PROVIDE DOUBLE PURLIN PER 24S4.3
- 17 PROVIDE DOUBLE PURLIN PER 24S4.3
- 18 PROVIDE DOUBLE PURLIN PER 24S4.3
- 19 PROVIDE DOUBLE PURLIN PER 24S4.3
- 20 PROVIDE DOUBLE PURLIN PER 24S4.3
- 21 PROVIDE DOUBLE PURLIN PER 24S4.3
- 22 PROVIDE DOUBLE PURLIN PER 24S4.3
- 23 PROVIDE DOUBLE PURLIN PER 24S4.3
- 24 PROVIDE DOUBLE PURLIN PER 24S4.3
- 25 PROVIDE DOUBLE PURLIN PER 24S4.3
- 26 PROVIDE DOUBLE PURLIN PER 24S4.3
- 27 PROVIDE DOUBLE PURLIN PER 24S4.3
- 28 PROVIDE DOUBLE PURLIN PER 24S4.3
- 29 PROVIDE DOUBLE PURLIN PER 24S4.3
- 30 PROVIDE DOUBLE PURLIN PER 24S4.3
- 31 PROVIDE DOUBLE PURLIN PER 24S4.3
- 32 PROVIDE DOUBLE PURLIN PER 24S4.3
- 33 PROVIDE DOUBLE PURLIN PER 24S4.3
- 34 PROVIDE DOUBLE PURLIN PER 24S4.3
- 35 PROVIDE DOUBLE PURLIN PER 24S4.3
- 36 PROVIDE DOUBLE PURLIN PER 24S4.3
- 37 PROVIDE DOUBLE PURLIN PER 24S4.3
- 38 PROVIDE DOUBLE PURLIN PER 24S4.3
- 39 PROVIDE DOUBLE PURLIN PER 24S4.3
- 40 PROVIDE DOUBLE PURLIN PER 24S4.3

KEYNOTES

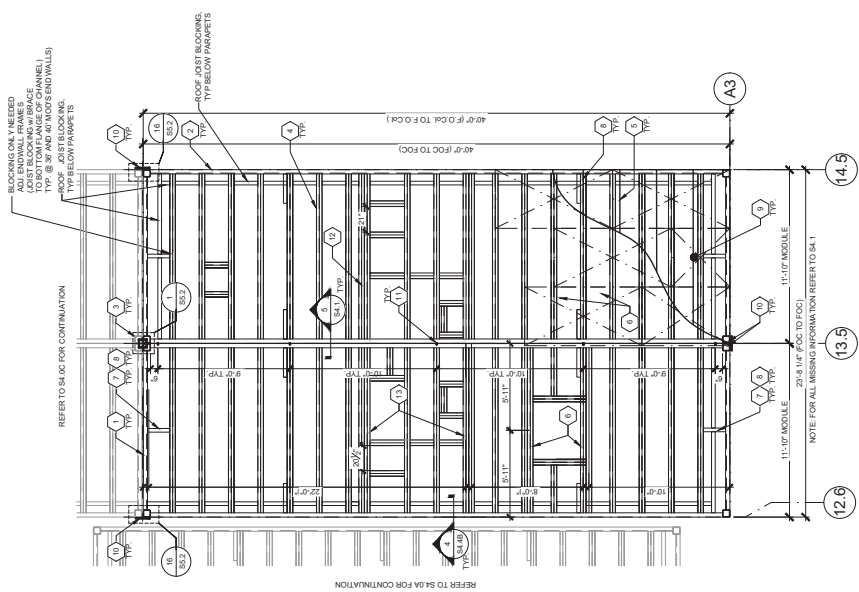
SHEATHING FASTENING SCHEDULE	
FASTENING	#16 OR LARGER STRUCTURAL STEEL
BOUNDARY	8" O.C.
FIELD	12" O.C.
NOTE:	SEE SCHEDULE FOR MORE INFORMATION

NOTE: PROVIDE PERMANENT REPORT USE ESR-9835 PER ASTM G163. ITEMS PER ESR-9835 OR EQUAL. ESR-9835 AT COLD FORMED MEMBERS ONLY.

FASTENING SPACING SCHEDULE

BUILDING SIZE SCHEDULE	
BUILDING SIZE (FT)	FASTENING SPACING (FT)
24'x42'	8" O.C.
36'x42'	8" O.C.
48'x42'	8" O.C.
60'x42'	8" O.C.
72'x42'	8" O.C.
84'x42'	8" O.C.
96'x42'	8" O.C.
108'x42'	8" O.C.
120'x42'	8" O.C.
132'x42'	8" O.C.

1. TOTAL BUILDING WIDTH INCLUDES 14" PER MODULAR CONNECTION CLEARANCE PER FOUNDATION SHEET S1.2



ROOF FRAMING PLAN - BUILDING B

SCALE: 1/2"=1'-0"

NOT USED

SCALE: 1/2"=1'-0"

SCALE: 1/2"=1'-0"

BUILDING SIZE SCHEDULE

AMERICAN MODULAR SYSTEMS
DIV. OF THE STATE ARCHITECT
APP: 04-120944 INC.
REVIEWED FOR: _____
DATE: 08/28/2022

AMS
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19250 Judd Ave. Suite 100
Phone: (209) 825-1921 Fax: (209) 825-7018
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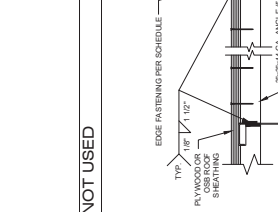
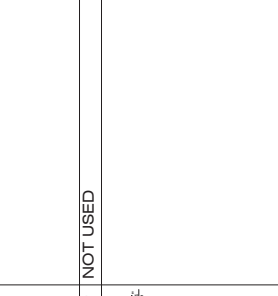
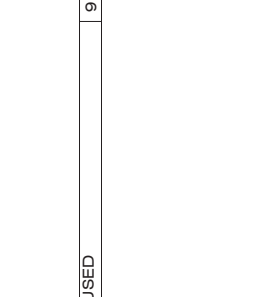
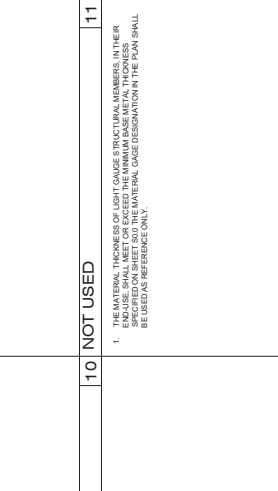
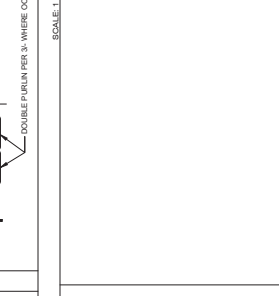
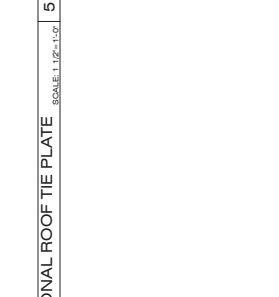
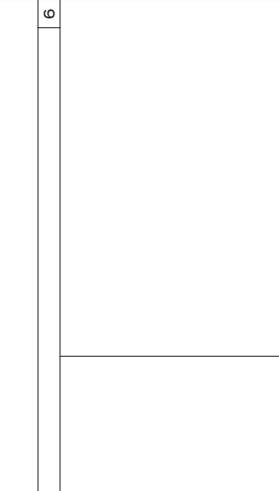
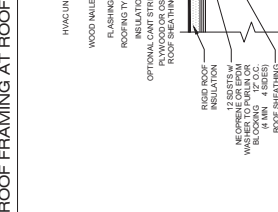
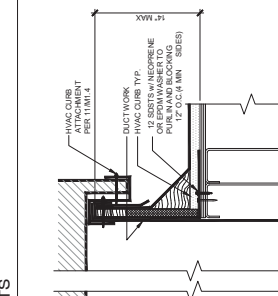
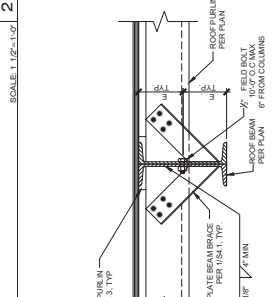
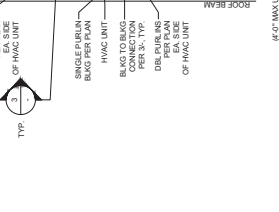
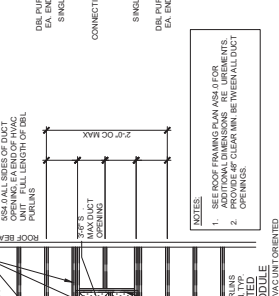
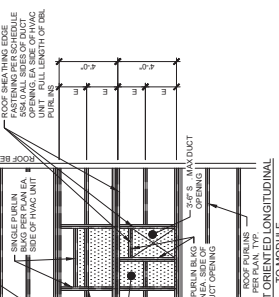
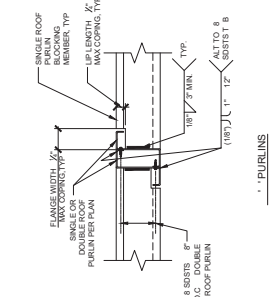
PROJECT NAME: MODULAR BUILDING
CONSISTING OF 40' x 24' MODULES
EVOLVE
SITE SPECIFIC PROJECT NAME: PALO VERDE COLLEGE CHILD DEVELOPMENT CENTER
(1)48' x 40' (2)24'x40' (1)144'x40' MODULES



THIS DRAWING SET SHALL BE USED IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
REVISIONS:
DRAWN BY: JAVVA
SCALE: AS NOTED
DATE: 08/28/22
CHECKED BY: JAVVA
SHEET TITLE: ROOF FRAMING DETAILS
ROOF SHEATHING OPTION

SHEET NUMBER: S4.3

SECTION	DESCRIPTION	SCALE	NOTES
1	ROOF FRAMING AT ROOF TOP HVAC UNITS CONDITIONAL TO MODULE FOR UNITS WIDER THAN 4'0"	SCALE: 1/16"=1'-0"	
2	ROOF FRAMING AT ROOF TOP HVAC UNITS CONDITIONAL TO MODULE FOR UNITS WIDER THAN 4'0"	SCALE: 1/16"=1'-0"	
3	ROOF FRAMING AT ROOF TOP HVAC UNITS CONDITIONAL TO MODULE FOR UNITS WIDER THAN 4'0"	SCALE: 1/16"=1'-0"	
4	HVAC CURB DETAIL ANCHORAGE WHERE OCCURS SEE 2'	SCALE: 1/16"=1'-0"	
5	OPTIONAL ROOF TIE PLATE SCALE: 1/16"=1'-0"	SCALE: 1/16"=1'-0"	
6	BLOCKING & DBL PURLIN CONNECTION DETAIL SCALE: 1/16"=1'-0"	SCALE: 1/16"=1'-0"	
7	NOT USED	SCALE: 1/16"=1'-0"	
8	NOT USED	SCALE: 1/16"=1'-0"	
9	NOT USED	SCALE: 1/16"=1'-0"	
10	NOT USED	SCALE: 1/16"=1'-0"	
11	NOT USED	SCALE: 1/16"=1'-0"	
12	NOT USED	SCALE: 1/16"=1'-0"	
13	NOT USED	SCALE: 1/16"=1'-0"	
14	NOT USED	SCALE: 1/16"=1'-0"	
15	NOT USED	SCALE: 1/16"=1'-0"	
			GENERAL NOTES



1. THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS, IN THE EVENT OF AN OPENING, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS OF THE MEMBER. THE MINIMUM THICKNESS OF THE MATERIAL GAUGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY.

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STATE OF CALIFORNIA
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR: ACS
 DATE: 08/28/2022



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PROPOSED SITE NAME
MODULAR BUILDING
 CONSISTING OF
40' & 24' MODULES
EVOLVE

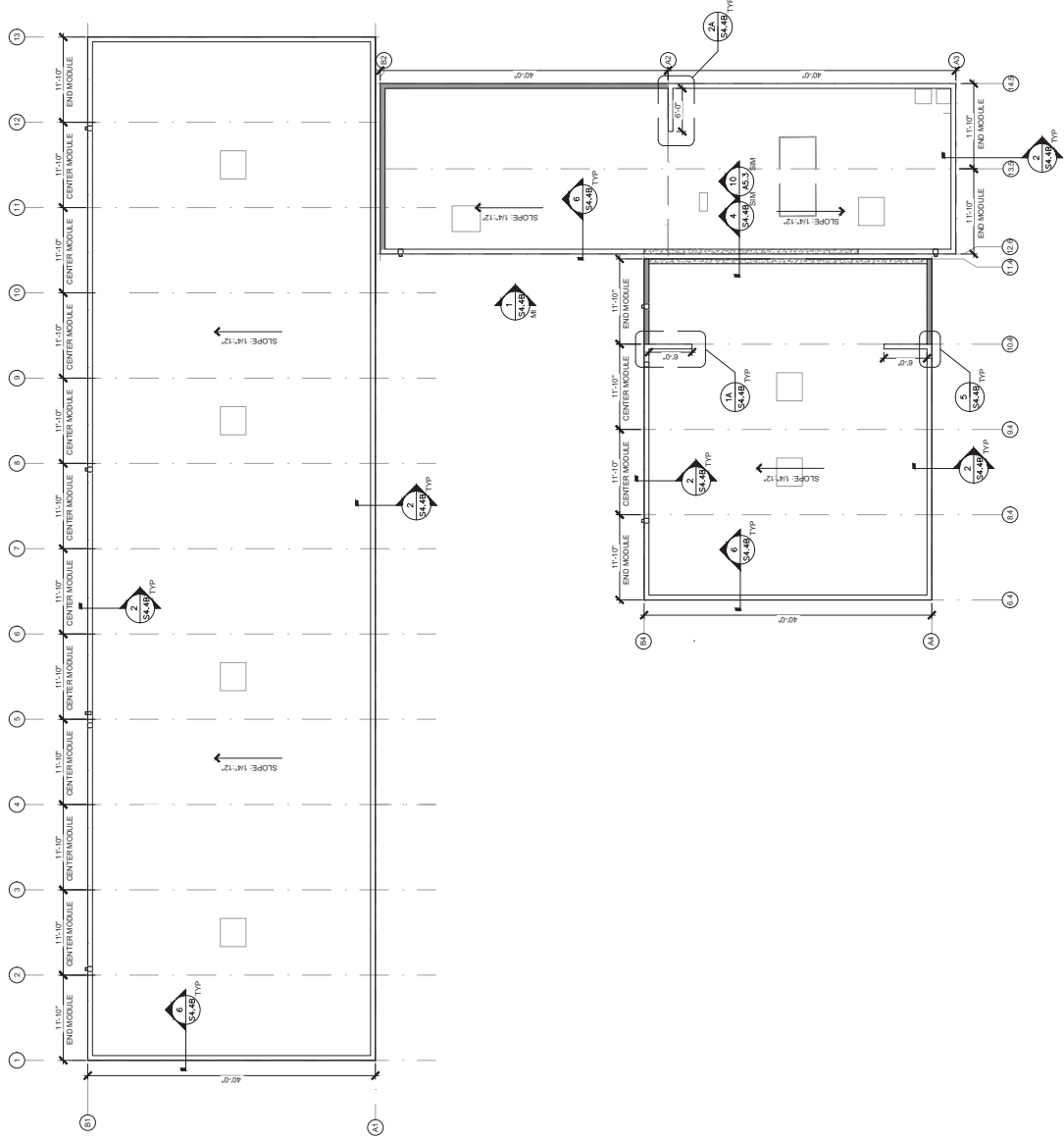
SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1948' X 40') (2) 24' X 40' & (1) 144' X 40' MODULES



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DATE:	07/22/22
SCALE:	AS NOTED
DRAWN BY:	JAVVA
CHECKED BY:	WYCK
PROJECT NO.:	1948
SHEET TITLE:	OVERALL PARAPET PLAN

SHEET NUMBER
S4.4A



WALL LEGEND
 [Symbol] PARAPET HEIGHT = 16'-0" A.F.F.
 [Symbol] PARAPET HEIGHT = 16'-0" A.F.F.
 [Symbol] PARAPET HEIGHT NOMINAL
 4" ABOVE ROOF DECK

AMERICAN MODULAR SYSTEMS
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR: _____ ACS ✓
 DATE: 08/28/2022

AMS
 American Modular Systems
 18511040000
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PROJECT NAME
 MODULAR BUILDING
 CONSISTING OF
 40' x 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24'x40' (1)144'x40' MODULES



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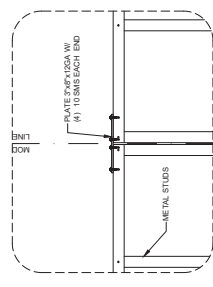
PARAPET FRAMING
 ELEVATIONS DETAILS

SHEET NUMBER
S4.4B

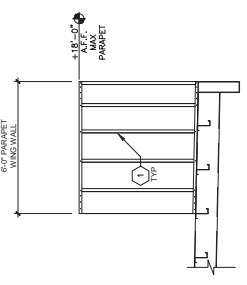
1 STEEL STUDS PER STUDTRACK SCHEDULE 1# O.C.



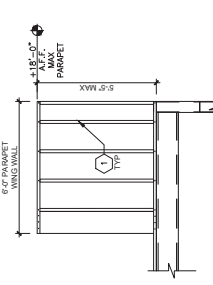
KEY NOTES



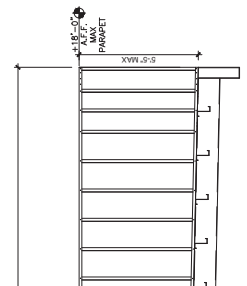
3 PARAPET DETAIL @ MODLINES SCALE: 1/2" = 1'-0"



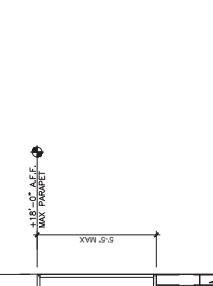
1A PARTIAL PARAPET WALL OPT. @ LONGITUDINAL FRAME SCALE: 3/8\"/>



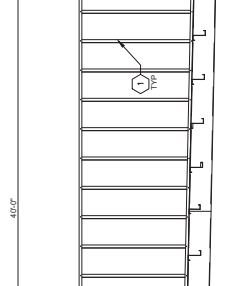
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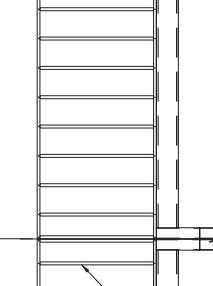
1 PARAPET WALL OPTION @ LONGITUDINAL FRAME SCALE: 3/8\"/>



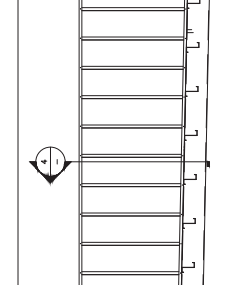
2 PARAPET WALL OPTION @ TRANSVERSE FRAME SCALE: 3/8\"/>



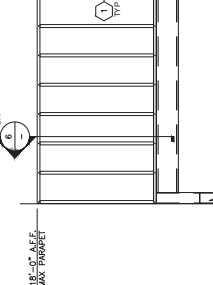
4 PARAPET @ DROP SCALE: 3/8\"/>



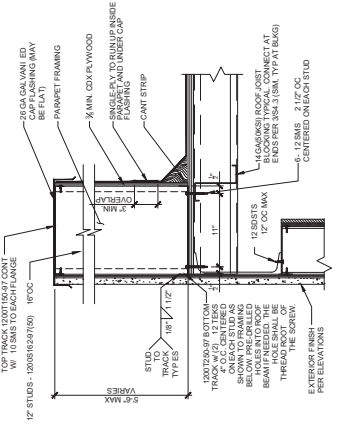
5 PARAPET DETAIL TYP SCALE: 1/2\"/>



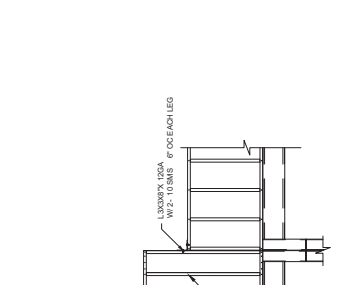
6 BACK TO BACK PARAPET DETAIL SCALE: 3/8\"/>



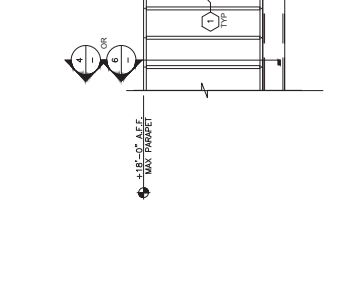
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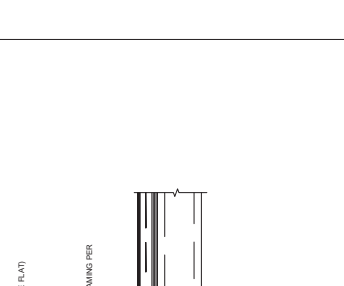
6 BACK TO BACK PARAPET DETAIL SCALE: 3/8\"/>



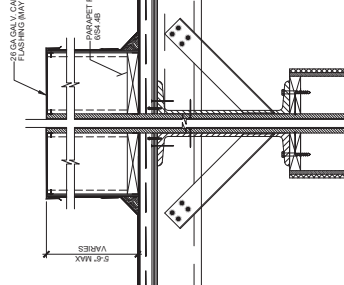
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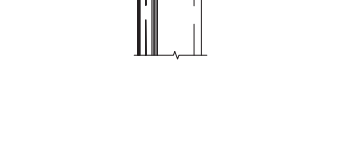
6 BACK TO BACK PARAPET DETAIL SCALE: 3/8\"/>



6 BACK TO BACK PARAPET DETAIL SCALE: 3/8\"/>



6 BACK TO BACK PARAPET DETAIL SCALE: 3/8\"/>



6 BACK TO BACK PARAPET DETAIL SCALE: 3/8\"/>



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REV: NONE

DATE	DESCRIPTION
08/20/22	ISSUED
08/20/22	ISSUED
08/20/22	ISSUED

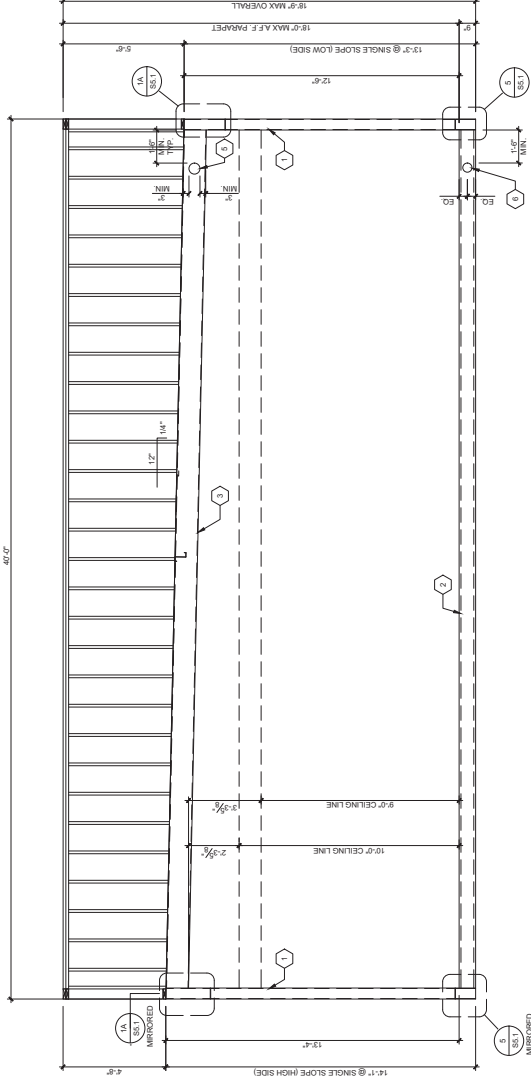
SHEET TITLE
MOMENT FRAME
ELEVATIONS & DETAILS
@ BUILDINGS A & D

SHEET NUMBER

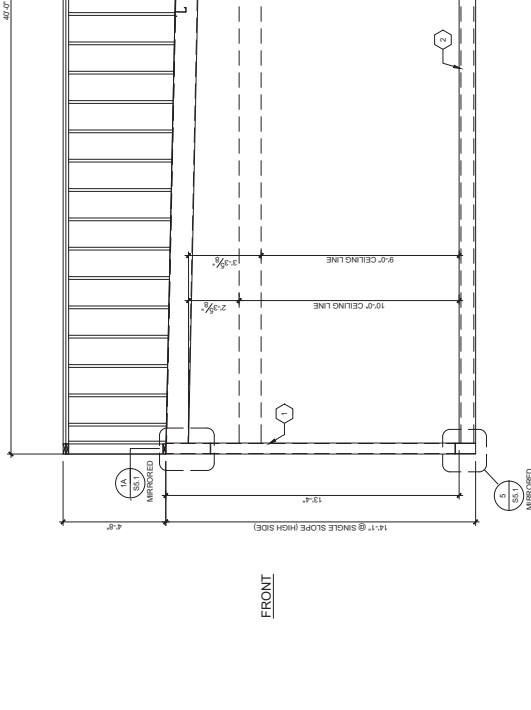
S5.0A

- 1 HSS COLUMN - SEE SCHEDULE 3 & BELOW
- 2 FLOOR BEAM - SEE SCHEDULE 3 & BELOW
- 3 LONGITUDINAL ROOF BEAM PER 1850.0 - GAUGE PER SCHEDULE 3 BELOW
- 4 TRANSVERSE ROOF BEAM PER 1850.0 - GAUGE PER SCHEDULE 3 BELOW
- 5 6" MAX OPENING IN WEB OF ROOF BEAM. MINIMUM SPACING OF HOLES @ 4" O.C. HOLES MAY OCCUR @ ANY LOCATION ALONG LENGTH OF ROOF BEAM
- 6 HSS COLUMN PER SCHEDULE 3 & BELOW
- 7 NOTE IF HOLES IS 2' OR LESS, THEY MAY BE SPACED @ 2" O.C. MINIMUM
- 8 HSS COLUMN PER SCHEDULE 3 & BELOW
- 9 NOTE IF HOLES IS 2' OR LESS, THEY MAY BE SPACED @ 2" O.C. MINIMUM
- 10 HSS COLUMN PER SCHEDULE 3 & BELOW
- 11 NOTE IF HOLES IS 2' OR LESS, THEY MAY BE SPACED @ 2" O.C. MINIMUM
- 12 NOT USED

FRONT



REAR

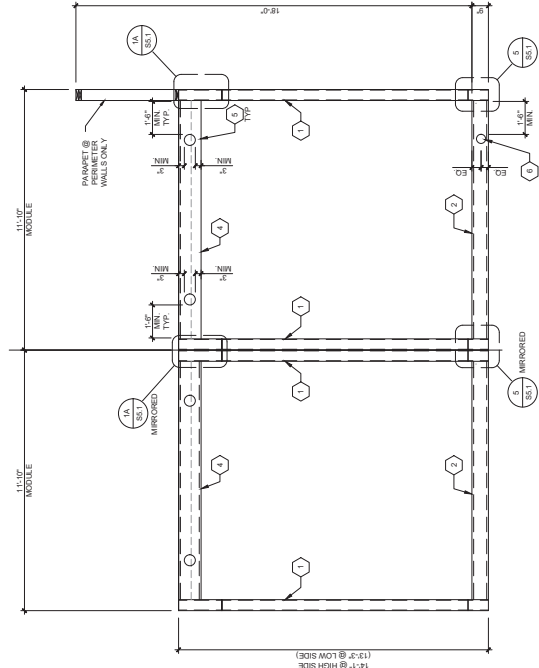


PARAPET LONGITUDINAL FRAME ELEVATION

SCALE: 3/8"=1'-0"

KEY NOTES

1



PARAPET TRANSVERSE FRAME ELEVATION

SCALE: 3/8"=1'-0"

KEY NOTES

2

FLOOR BEAMS	COLUMNS	LONGITUDINAL ROOF BEAM	TRANSVERSE ROOF BEAM
CONCRETE FLOOR OM13.4 (38 KSI)	HSS 6x6x6 (ASTM A588) 17'-2.500'	C1200.7 (50 KSI)	C1200.7 (50 KSI)

2 FRAME MEMBER SCHEDULE

3

5 NOT USED

4 NOT USED

6 NOT USED

6

APPROVED FOR CONSTRUCTION
BY THE STATE ARCHITECT
APP: 04-120944 INC.
REVIEWED FOR:
S.D. FILE # ACS 0
DATE: 05/23/2022

AMS
American Modular Systems
Phone: (209) 825-1921 Fax: (209) 825-7018
www.americamodular.com

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PROCESSED BY: TWAME
MODULAR BUILDING
CONSISTING OF
40 & 24' MODULES

EVOLVE

SITE SPECIFIC PROJECT NAME:
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(148' X 40') / (24' X 40') & (144' X 40') MODULES



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DATE: 05/23/22
DRAWN BY: JAVANA
SCALE: AS NOTED
DATE: 05/23/22
PROJECT NO.: 19241
SHEET TITLE: MOMENT FRAME ELEVATIONS & DETAILS @ BUILDINGS B & C

SHEET NUMBER: S5.0B

- 1 HRS COLUMN - SEE SCHEDULE 3 & BELOW
- 2 FLOOR BEAM - SEE SCHEDULE 3 & BELOW
- 3 LONGITUDINAL ROOF BEAM PER 1850.0' - GAUGE PER SCHEDULE 3 BELOW
- 4 TRANSVERSE ROOF BEAM PER 1850.0' - GAUGE PER 3 BELOW
- 5 6" MAX OPENING IN WEB OF ROOF BEAM. MINIMUM SPACING OF HOLES @ 4' IF O.C. HOLES MAY OCCUR @ ANY LOCATION ALONG LENGTH OF ROOF BEAM EXCEPT AS NOTED OTHERWISE ON FRAMING ELEVATION - SEE KISS 1.
- 6 1/4" MAX OPENING IN WEB OF ROOF BEAM. MINIMUM SPACING OF HOLES @ 4' IF O.C. HOLES MAY OCCUR @ ANY LOCATION ALONG LENGTH OF ROOF BEAM EXCEPT AS NOTED OTHERWISE ON FRAMING ELEVATION - SEE KISS 1.
- 7 NOTE IF HOLES IS 2' OR LESS, THEY MAY BE SPACED @ 2' O.C. MINIMUM.
- 8 NOTE IF HOLES IS 2' OR LESS, THEY MAY BE SPACED @ 2' O.C. MINIMUM.
- 9 EXCEPT AS NOTED OTHERWISE ON FRAMING ELEVATION - SEE KISS 1.
- 10 NOTE IF HOLES IS 2' OR LESS, THEY MAY BE SPACED @ 2' O.C. MINIMUM.



FRONT

PARAPET LONGITUDINAL FRAME ELEVATION

SCALE: 3/8"=1'-0"

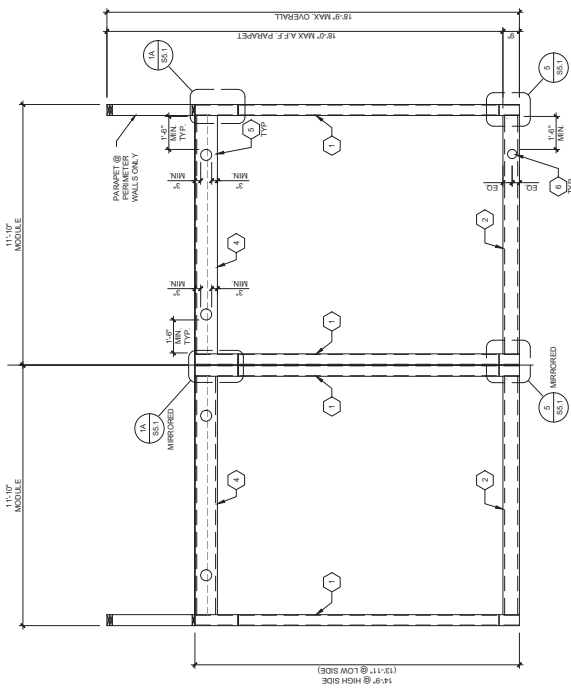
KEY NOTES

FLOOR BEAMS	COLUMNS	CONDITIONAL ROOF BEAM	TRANSVERSE ROOF BEAM
CONCRETE FLOOR	HSS 6x6x1/4 (ASTM A588) 17'-0" DIA	C1200.7 (50 KSI)	C1200.7 (50 KSI)

NOT USED

2 FRAME MEMBER SCHEDULE

3



REAR

PARAPET TRANSVERSE FRAME ELEVATION

SCALE: 3/8"=1'-0"

KEY NOTES

NOT USED

NOT USED

6



DATE	
SCALE	
SECTION	
SHEET TITLE	
SHEET NUMBER	

MOMENT FRAME
CONNECTION DETAILS

S5.1

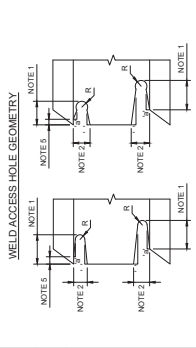
THE WELDING PROCEDURES AND NON-DESTRUCTIVE TESTING METHODS SHOWN ON THIS SHEET SHALL BE PREPARED IN ACCORDANCE WITH AWS D1.1-16 (HOT-ROLLED) D1.2 (OR A313) AND AWS D1.5 (WELDED PIPE) AND SUBSTITUTIONS SHALL BE LISTED. ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE RESISTING SYSTEM SHALL BE WELDED TO THE FULL PENETRATION CATEGORY BY WELD TOUGHNESS OF 20 FT LBS AT 1/8" BEAD DEPTH, AS BE DETERMINED BY AWS CLASSIFICATION.

GENERAL NOTES

1. NON-DESTRUCTIVE TESTING OF COMPLETE JOINT PENETRATION (CJP) GROOVE WELDS AT THE MOMENT RESISTING BEAM-TO-COLUMN CONNECTIONS SHALL COMPLY WITH AWS C341-16 CHAPTER 10 PER USC 1706(A)(2).
2. ALL WELDS DESIGNATED FOR NON-DESTRUCTIVE TESTING ARE NOTED ON THESE DRAWINGS WITH THE SYMBOL .
3. ALL WELDS DESIGNATED FOR NON-DESTRUCTIVE TESTING ARE NOTED ON THESE DRAWINGS WITH THE SYMBOL .
4. ALL WELDS DESIGNATED FOR NON-DESTRUCTIVE TESTING ARE NOTED ON THESE DRAWINGS WITH THE SYMBOL .
5. ULTRASONIC TESTING (UT) IS NOT TO BE USED ON WELDS FROM STRUCTURAL STEEL SECTIONS WITH WELDING PARTICLE THICKNESS (MT) IS STILL TO BE USED.

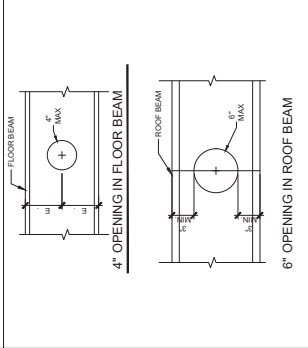
NON-DESTRUCTIVE TESTING NOTES

1. FILLER METALS SHALL CONFORM TO THE REQUIREMENTS OF THE AWS SEISMIC PROVISIONS.
2. WELDING PROCEDURES SHALL BE IN ACCORDANCE WITH THE AWS SEISMIC PROVISIONS.
3. UTILITY CONTROL AND QUALITY ASSURANCE SHALL BE IN ACCORDANCE WITH THE AWS SEISMIC PROVISIONS.
4. WELD ACCESS HOLES SHALL BE IN ACCORDANCE WITH AWS 308-16, SECTION 11.6. AND SHALL BE CONFORMING TO THE FOLLOWING DETAILS. NOTE 1.

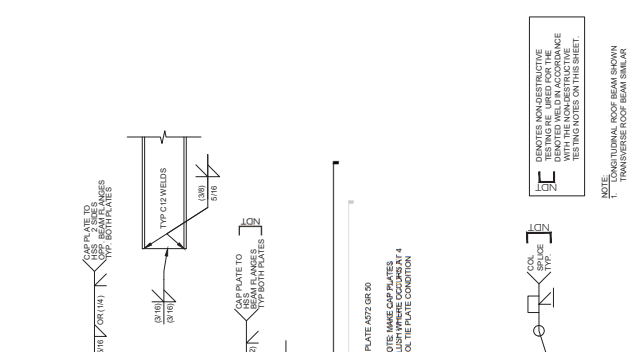


- NOTES: THESE ARE TYPICAL DETAILS FOR JOINTS WELDED FROM ONE SIDE AGAINST STEEL BACKING WHERE WELDED ACCESS HOLES ARE USED.
- 1) LENGTH GREATER OF 1/8" WEB THICKNESS OR 1 1/2" IN (38 MM)
 - 2) HEIGHT GREATER OF 1/8" OR 3/16" IN (10 MM) BUT NEED NOT EXCEED 2 1/4" (59 MM)
 - 3) IN HEAVY SHAPES AS DEFINED IN SECTIONS A316 AND A91
 - 4) OF AWS 308-16
 - 5) THE BOTTOM OF THE TOP FLANGE IS TO BE CONToured TO PERMIT THE TIGHT FIT OF BACKING BARS WHERE THEY ARE TO BE USED.

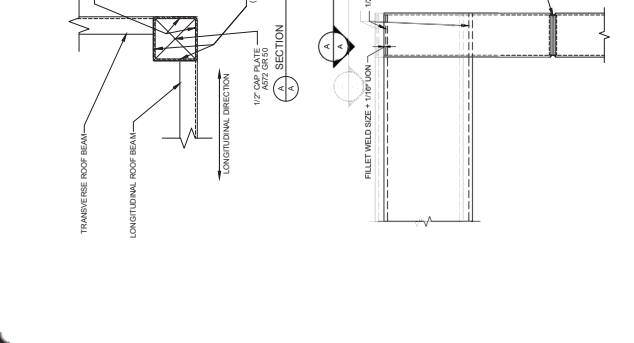
RE . FOR FR. MOMENT CONNECTIONS



1A NOT USED SCALE: 1/2" = 1'-0"



1B NOT USED SCALE: 1/2" = 1'-0"



5B NOT USED SCALE: 1/2" = 1'-0"

NOT USED	3	NOT USED	4	TYP. CORNER TO FLOOR BM DETAIL SCALE: 1/2" = 1'-0"	5	NOT USED	5B	SCALE: 1/2" = 1'-0"	6
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DESIGNED BY:
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR:
 SD FLS ACS
 DATE: 08/28/2022



SMALL SCALE ASSEMBLY - APPROVED FOR CONSTRUCTION BY THE STATE ARCHITECT - APPROVED FOR CONSTRUCTION BY THE STATE ARCHITECT
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PROJECT NAME:
MODULAR BUILDING
 CONSISTING OF
40' x 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME:
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24'x40' (1)144'x40' MODULES



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 DRAWN BY: JAVAN
 SCALE: AS NOTED
 DATE: 08/22
 PROJECT NO.: 04-120844
 SHEET TITLE: CONNECTION DETAILS
 SHEET NUMBER: S5.2

CONNECTION
 DETAILS
S5.2

<p>INTERIOR FRAME TENSION TIE DETAIL - OPTION 1 SCALE: 1/4" = 1'-0"</p> <p>NOTE: SHEATHING NOT SHOWN FOR CLARITY.</p> <p>PLAN VIEW</p> <p>SECTION VIEW</p>	NOT USED	3 NOT USED	4 NOT USED	5
<p>ENDWALL TENSION TIE DETAIL - OPTION 2 SCALE: 1/4" = 1'-0"</p> <p>NOTE: SHEATHING NOT SHOWN FOR CLARITY.</p> <p>PLAN VIEW</p> <p>SECTION VIEW</p>	NOT USED	8 NOT USED	9 NOT USED	10
<p>ENDWALL TENSION TIE DETAIL - OPTION 2 SCALE: 1/4" = 1'-0"</p> <p>NOTE: SHEATHING NOT SHOWN FOR CLARITY.</p> <p>PLAN VIEW</p> <p>SECTION VIEW</p>	NOT USED	13 NOT USED	14 NOT USED	15
<p>ENDWALL TENSION TIE DETAIL - OPTION 1 SCALE: 1/4" = 1'-0"</p> <p>NOTE: SHEATHING NOT SHOWN FOR CLARITY.</p> <p>PLAN VIEW</p> <p>SECTION VIEW</p>	NOT USED	18 NOT USED	19 NOT USED	20

AMS
American Modular Systems
19250 S. 112th Ave., Suite 100
Tampa, FL 33625
Phone: (209) 825-1921 Fax: (209) 825-7918
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APP: 04-12094 INC.
REVISED FOR: ACS 0
DATE: 03/20/22

EVOLVE
MODULAR BUILDING
CONSISTING OF
40' - 24' MODULES

PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(1)48' x 40' (2)24' x 40'



THIS DRAWING SET IS THE PROPERTY OF PALO VERDE COLLEGE. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFIC INFORMATION SHOWN THEREON.

DATE: 03/20/22
SCALE: 1/8" = 1'-0"
SHEET TITLE: WALL FRAMING SCHEDULES - WOOD STUDS
SHEET NUMBER: S8.0

- END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 11 KING STUDS PER OPENING SCHEDULE
- 12 END FLOOR PLANS FOR LOCATIONS
- 13 PERIMETER FLOOR BEAM AFTER SHEET 8.0
- 14 WINDOW SILL PER OPENING SCHEDULE
- 15 PERIMETER FLOOR BEAM AFTER SHEET 8.0
- 16 WINDOW SILL PER OPENING SCHEDULE
- 17 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 18 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 19 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 20 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 21 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 22 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 23 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 24 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 25 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 26 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 27 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
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- 37 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 38 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 39 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE
- 40 END NAILS THROUGH KING STUD TO HEADER PER OPENING SCHEDULE

KEY NOTES

NOTE: SEE CARRYOVER NOTES SHEET N1.0 SECTION 6 FOR WINDOW STUDS - GRAPHS

FINISH TYPE	EXTERIOR WALL SCHEDULE	STUD TYPE	STUD SPACING
1/2" PLYWOOD SHEATHING CONFORMING TO PSI-H01	WALL FINISH COMMENTS	2X6 HEM FRR 2	16" O.C. MAX
EXPOSURE 1, 1 1/2" STUCCO	WALL FINISH PER AS 2 AS 3 NAILS PER BLDG SECTIONS 2	2X6 DOUGL FRR 2	16" O.C. MAX

FINISH TYPE

1/2" PLYWOOD SHEATHING CONFORMING TO PSI-H01

EXPOSURE 1, 1 1/2" STUCCO

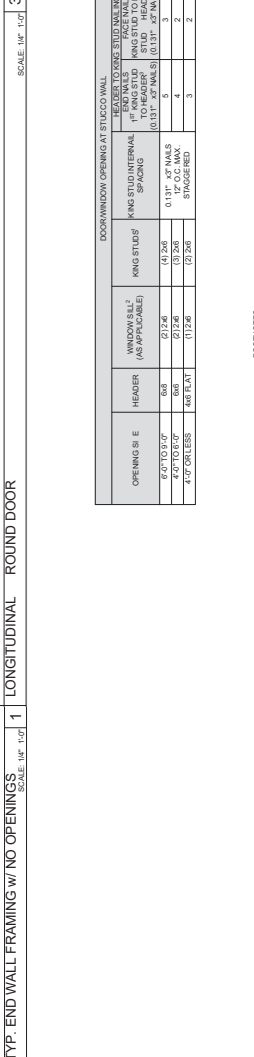
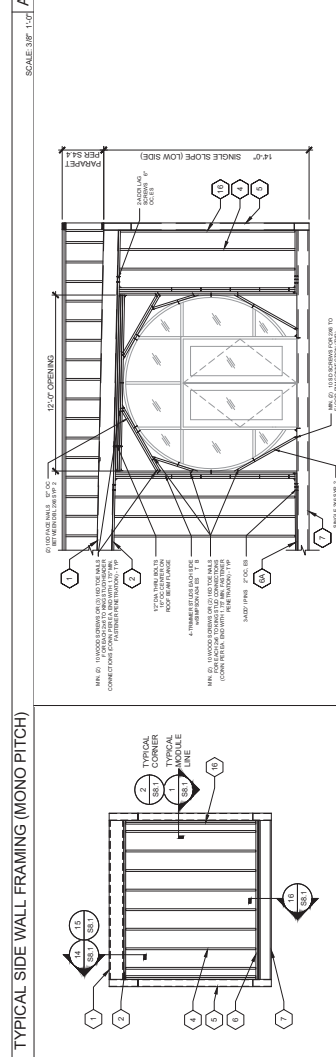
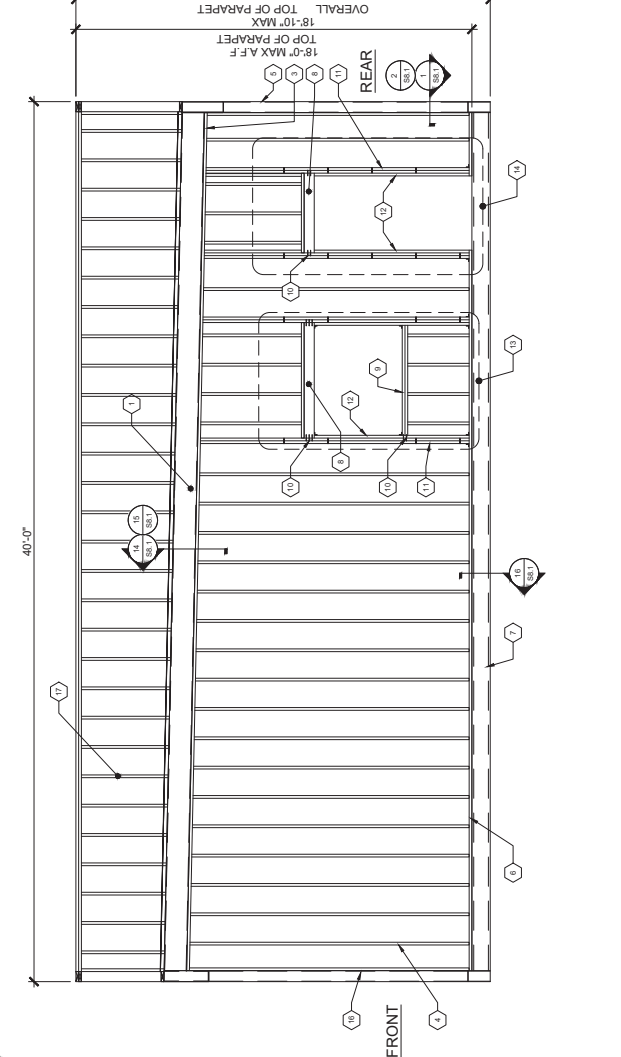
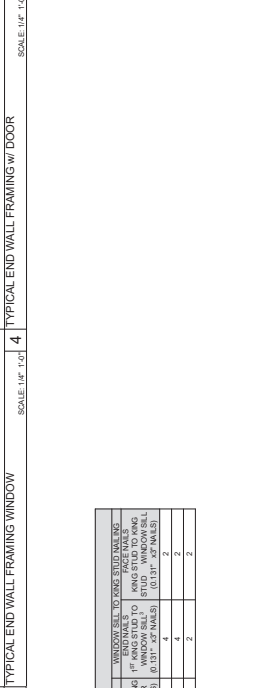
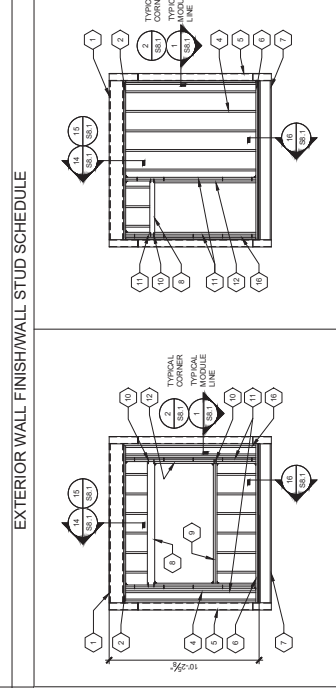
STUD TYPE

2X6 HEM FRR 2

2X6 DOUGL FRR 2

STUD SPACING

16" O.C. MAX



OPENING SCHEDULE

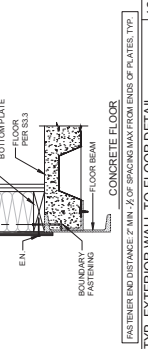
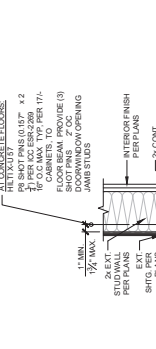
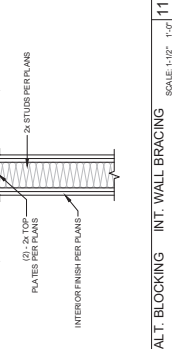
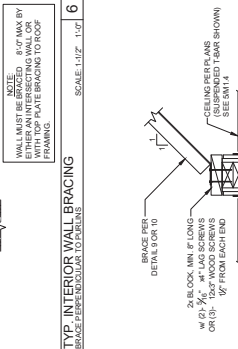
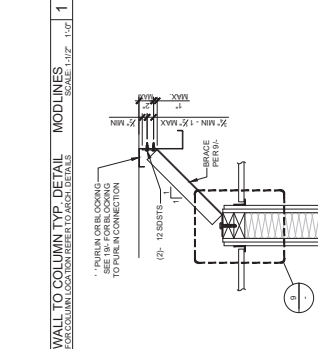
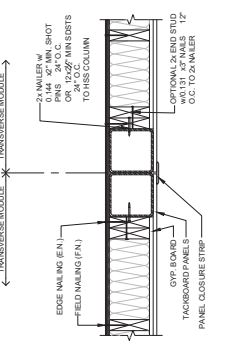
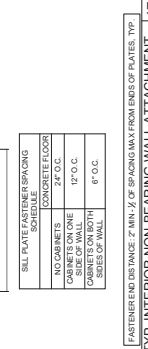
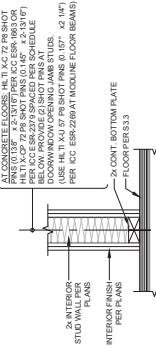
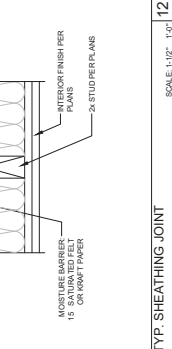
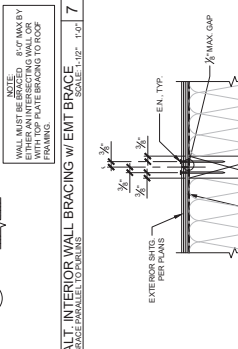
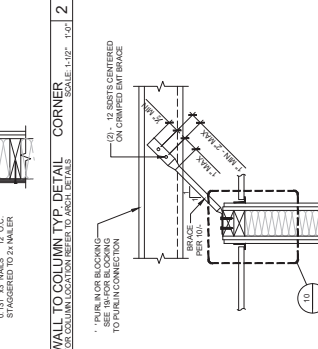
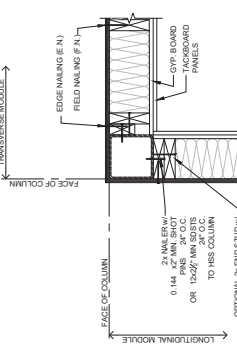
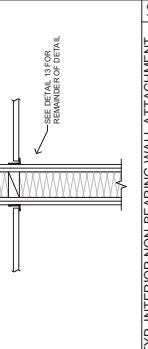
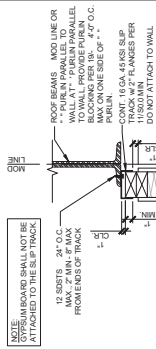
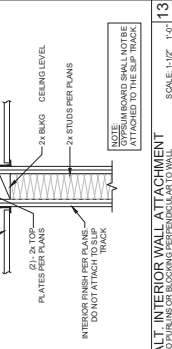
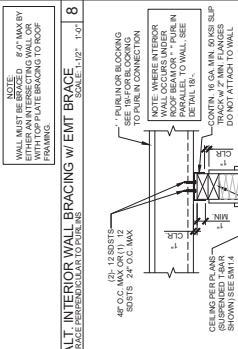
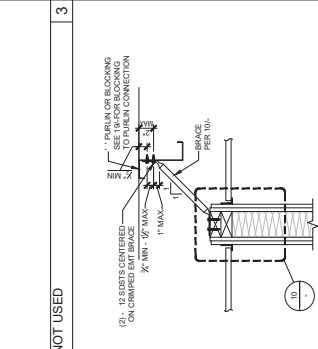
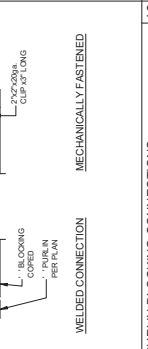
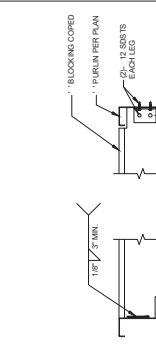
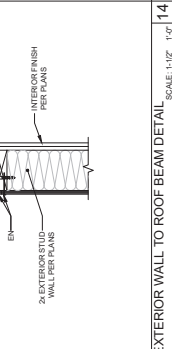
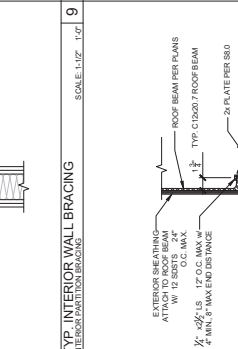
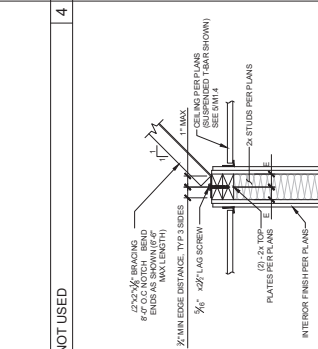
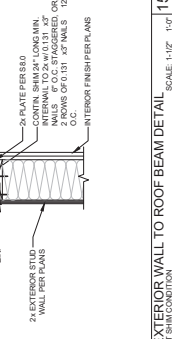
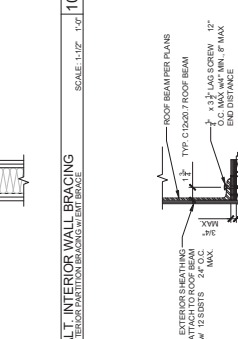
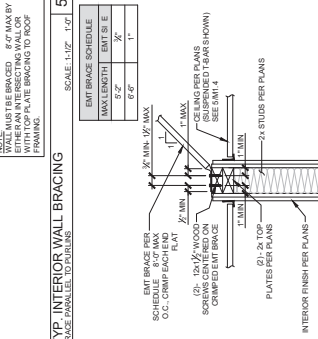
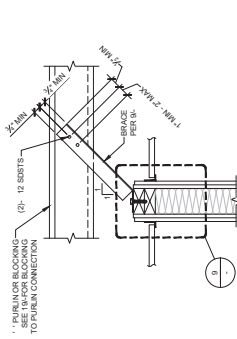
OPENING SIZE	HEADER (AS APPLICABLE)	KING STUDS	KING STUD INTERNAL SPACING	LEADER TO KING STUD NAILS	WINDOW SILL TO KING STUD NAILS	WINDOW SILL TO KING STUD NAILS	WINDOW SILL TO KING STUD NAILS
6'-0" TO 9'-0"	088	01206	0.131" - 45" NAILS	5	4	4	2
9'-0" TO 10'-0"	088	01206	0.131" - 45" NAILS	4	4	4	2
4'-0" TO 5'-0"	088	01206	0.131" - 45" NAILS	3	4	4	2
4'-0" TO 5'-0"	088	01206	0.131" - 45" NAILS	3	4	4	2

FOOTNOTES

1. PROVIDE (1) SIMPSON 1/2" x 6" KING STUD TO PLATE FOR OPENINGS GREATER THAN 4'-0".

2. WHEN MORE THAN A SINGLE SILL PLATE IS USED, INTERNAL W/O 131" - 45" NAILS 12" O.C. STAGGERED.

3. TWO (2) END NAILS PER LAMINATION MINIMUM.



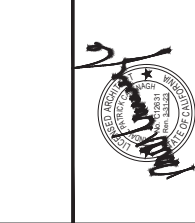
AMERICAN MODULAR SYSTEMS
DIV. OF THE STATE ARCHITECT
APP: 04-120644 INC.
REVIEWED FOR: ACS ☐
DATE: 08/29/2022

AMS
American Modular Systems
Phone: (09) 825-1931 Fax: (09) 822-7018
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MODULAR BUILDING
CONSISTING OF
40' x 24' MODULES
EVOLVE

PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(1)48' x (40') (2)24' x (40') (1)144' x (40') MODULES



REVISIONS	
NO.	DESCRIPTION

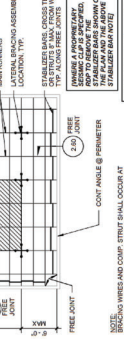
OVERALL REFLECTED CEILING PLAN
SHEET TITLE

M1.0

MEP COMPONENT ANCHORAGE NOTES



REFER TO BS-22 APPENDIX A FOR GENERAL REQUIREMENTS



MEP COMPONENT ANCHORAGE NOTES

- ALL MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE USA-APPROVED CONSTRUCTION DOCUMENTS AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1011A.18 THROUGH 1011A.18 AND ASSE 7-16 CHAPTER 13, 20 AND 30.
- TEMPORARY MOVABLE OR IMMOVABLE UPRIGHTS SHALL BE PERMANENTLY ATTACHED TO THE STRUCTURE AND SHALL INCLUDE ALL ELECTRICAL, MECHANICAL, AND PLUMBING CONNECTIONS EXCEPT PLUGS FOR TWO-PHASE HANGING FLEXIBLE CABLE.
- TEMPORARY MOVABLE OR IMMOVABLE UPRIGHT WHICH IS HEAVIER THAN AN ADJACENT FLOOR OR ROOF LEVEL, THAT DIRECTLY SUPPORTS THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DVA.

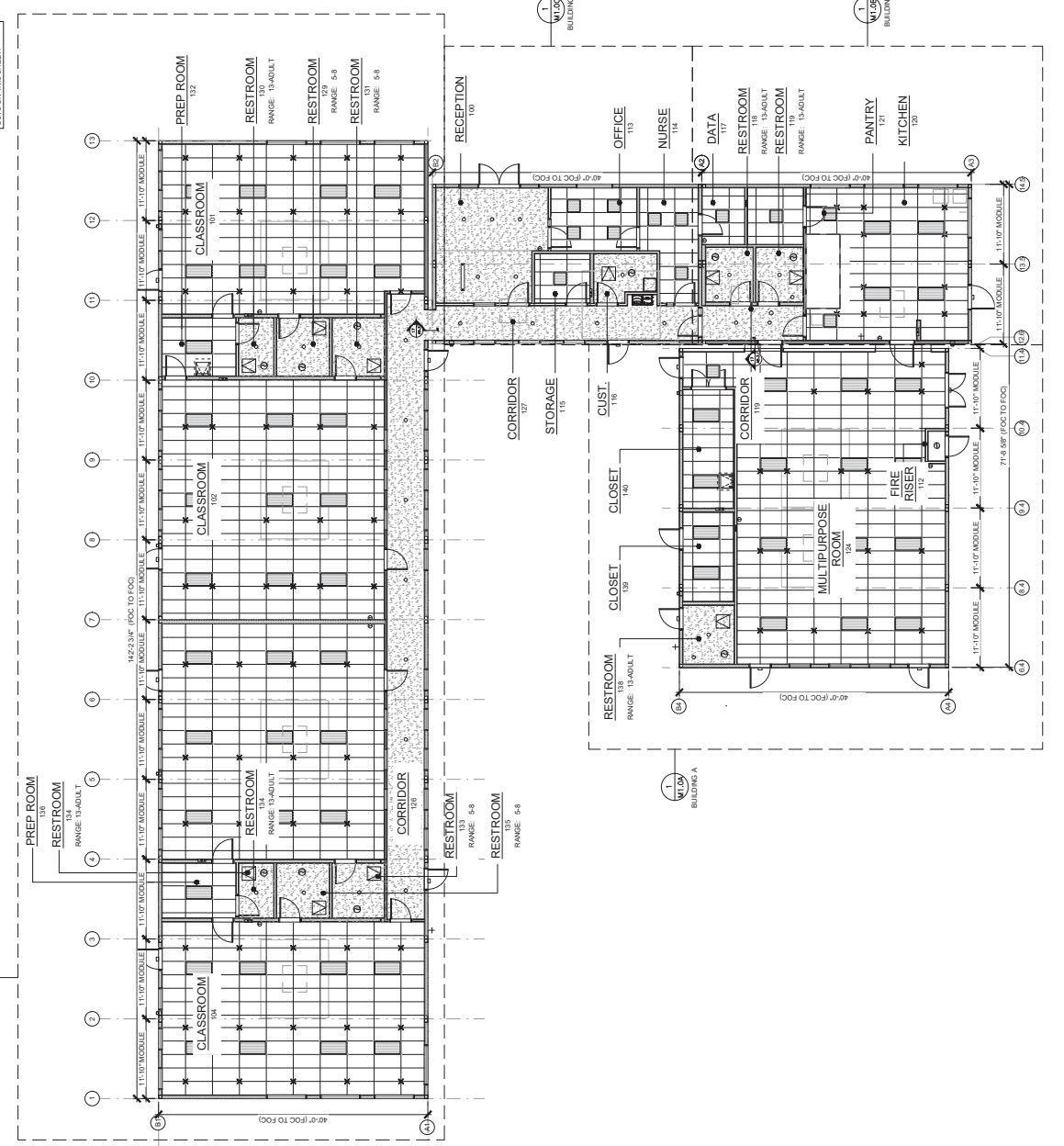
THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS SHALL BE IN ACCORDANCE WITH THE DETAILS ON THE USA-APPROVED CONSTRUCTION DOCUMENTS AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1011A.18 THROUGH 1011A.18 AND ASSE 7-16 CHAPTER 13, 20 AND 30.

MECHANICAL, ELECTRICAL, AND PLUMBING (MEP) COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE USA-APPROVED CONSTRUCTION DOCUMENTS AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1011A.18 THROUGH 1011A.18 AND ASSE 7-16 CHAPTER 13, 20 AND 30.

MECHANICAL, ELECTRICAL, AND PLUMBING (MEP) COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE USA-APPROVED CONSTRUCTION DOCUMENTS AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1011A.18 THROUGH 1011A.18 AND ASSE 7-16 CHAPTER 13, 20 AND 30.

MECHANICAL, ELECTRICAL, AND PLUMBING (MEP) COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE USA-APPROVED CONSTRUCTION DOCUMENTS AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1011A.18 THROUGH 1011A.18 AND ASSE 7-16 CHAPTER 13, 20 AND 30.

TYPICAL REFLECTED CEILING PLAN



TYPICAL REFLECTED CEILING PLAN

MEP COMPONENT ANCHORAGE NOTES

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



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EVOLVE
 MODULAR BUILDING
 CONSISTING OF
 40' & 24' MODULES

PROJECT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' X 40' (2)24'X40' & (1)144'X40' MODULES



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REV. NO. 01

DATE	08/28/22
BY	JMAMA
SCALE	AS NOTED
PROJECT NO.	202202
SHEET TITLE	REFLECTED CEILING PLAN - BLDG A

REFLECTED CEILING PLAN - BLDG A

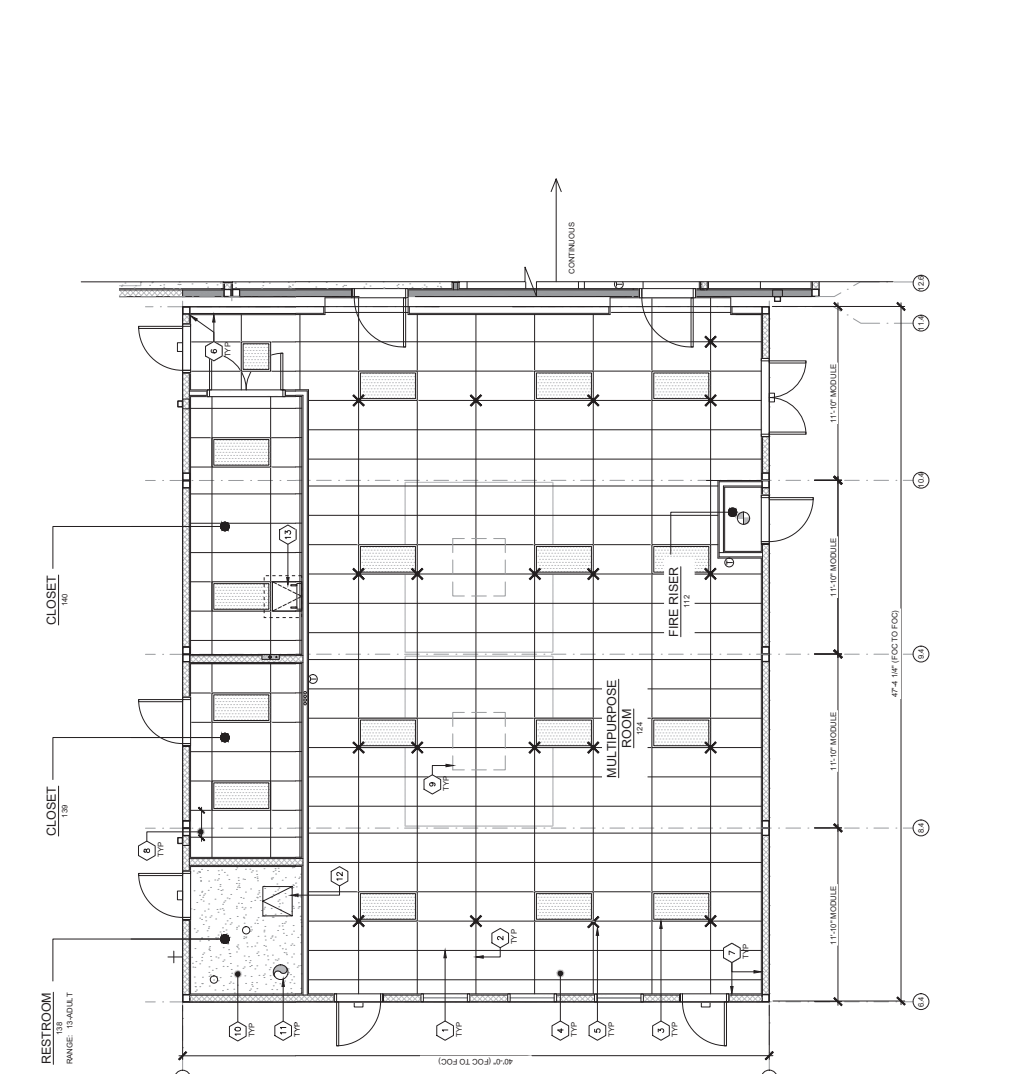
SHEET NUMBER

M1.0A

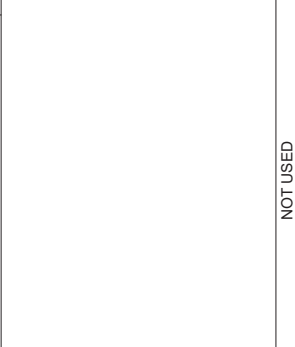
1. MAIN TEE RUNNER TYP. PER TABLE A, SHEET M1.7
2. CROSS TEE RUNNER TYP. PER TABLE A, SHEET M1.7
3. INTERIOR LIGHT FIXTURE REFER TO SHEET E1.0 FOR SPECS
4. CEILING HEIGHT @ 8' 0" MIN. REFER TO S.D. FOR HEIGHTS
5. STRUT/STAY WIRE ASSEMBLY, SEE 2AM1.7 FOR DETAILS
6. FIXED CEILING END, SEE DETAIL 2AM1.4
7. FREE CEILING END, SEE DETAIL 2AM1.4
8. CENTER SECTION THAT CROSSES MODULE LINE TO BE FIELD INSTALLED, SEE DETAIL 2AM1.4
9. TYP. HWING UNIT
10. OYP BOARD CEILING - PER 8MI.6
11. EXHAUST FAN
12. 2X2 ATTIC CEILING ACCESS PANEL - PER 2B
13. ROOF HATCH/LADDER PER M1.6A
- 14.
- 15.

- KEY NOTES**
1. NOT USED
 2. NOT USED
 3. LIGHT FIXTURES MAY BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH TYP. GRID
 4. PICTURE 2A HAS BEEN ADDED FOR WORSE CASE OUTDOOR VENTILATION REQUIREMENTS. SEE SHEET M1.7 FOR OUTDOOR VENTILATION DESIGN REQUIREMENT NOTES

GENERAL NOTES

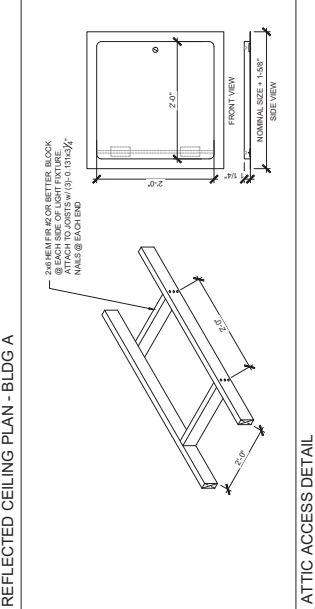


SCALE: 1/8" = 1'-0"



- SYMBOL LEGEND**
- 2x2 ATTIC CEILING ACCESS PANEL - PER 2AM1.0A
 - ROOF HATCH/LADDER PER M1.6A
 - TURBO CEILING - PER 5 AND 12MI.4
 - OYP CEILING - PER 8MI.6

SCALE: 1" = 1'-0"



REFLECTED CEILING PLAN - BLDG A

NOT USED

NOT USED

NOT USED

NOT USED



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PROJECT NAME:
MODULAR BUILDING
 CONSISTING OF
 40' x 24' MODULES
EVOLVE

SITE SPECIFIC PROJECT NAME:
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24'x40' (1)144'x40' MODULES



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DATE:	08/20/2022
SCALE:	AS NOTED
DRAWN BY:	JAVAN
CHECKED BY:	WPK
DATE:	08/20/2022
SCALE:	AS NOTED
DRAWN BY:	JAVAN
CHECKED BY:	WPK

REFLECTED CEILING PLAN - BLDG B

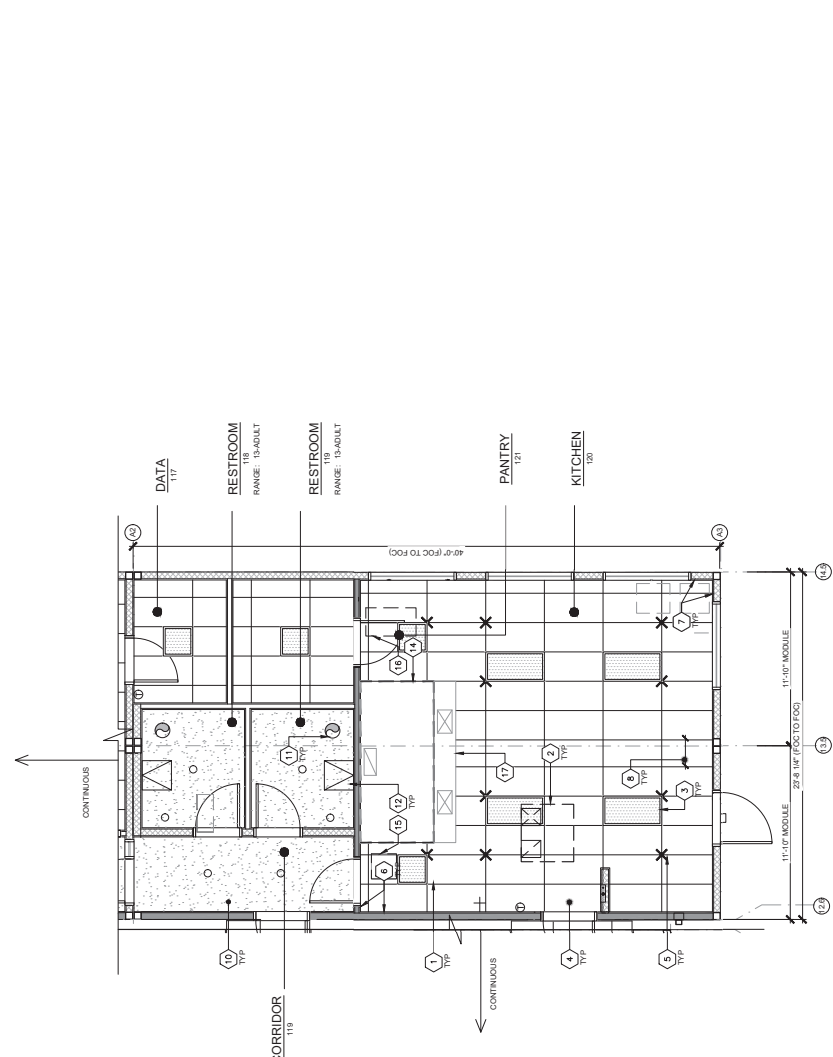
SHEET TITLE

M1.0B

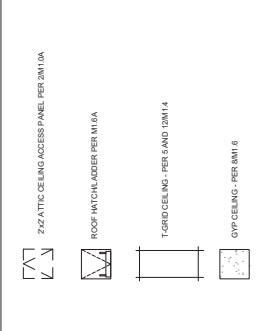
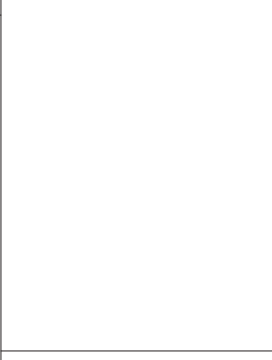
SHEET NUMBER

1. MAIN TEE RUNNER TYP. PER TABLE A, SHEET M1.7
2. CROSS TEE RUNNER TYP. PER TABLE A, SHEET M1.7
3. INTERIOR LIGHT FIXTURE REFER TO SHEET E1.0 FOR SPECS ATTACHMENT PER DETAIL TM1.4
4. CEILING HEIGHT 8' 6" MIN. REFER TO N.9 FOR HEIGHTS
5. STRUT/SLAY WIRE ASSEMBLY SEE DETAIL SA.M1.4 FOR DETAILS
6. RIGID CEILING END. SEE DETAIL SA.M1.4
7. FREE CEILING END. SEE DETAIL SA.M1.4
8. CENTER SECTION TYP. CROSS SECTION. MODULE LINE TO BE FIELD INSTALLED. SEE DETAIL SA.M1.4
9. TYP. HVAC UNIT
10. DYP BOARD CEILING - PER RM.6
11. EXHAUST FAN
12. ZAZ ATTIC CEILING ACCESS PANEL PER 2.M1.0A
13. NOT USED
14. CEILING PERIMETER HOOD PER DETAIL 2-
15. EXHAUST FAN PER CABINETS - PROVIDED/INSTALLED BY G.C.
16. HANG UP AIR UNIT PER CABINETS - PROVIDED/INSTALLED BY G.C.
17. HANG UP PER FS-505 & FS-507 - PROVIDED/INSTALLED BY G.C.

- KEY NOTES**
1. NOT USED
 2. NOT USED
 3. LIGHT FIXTURES MAY BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH T-GRID.
 4. PC TITLE 24 HAS BEEN RUN FOR WORSE CASE OUTDOOR VENTILATION REQUIREMENTS (SEE OUTDOOR VENTILATION ON SHEET N2.0 FOR OUR OUTDOOR VENTILATION DESIGN REQUIREMENT NOTES)
- GENERAL NOTES**



REFLECTED CEILING PLAN - BLDG B



SCALE: 1/4" = 1'-0"

SCALE: 1/4" = 1'-0"

NOT USED

NOT USED

NOT USED

NOT USED



AMS
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www.amsmodular.com

MODULAR BUILDING
CONSISTING OF
40' x 24' MODULES
EVOLVE

SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(1)48' x 40' (2)24'x40' (1)144'x40' MODULES



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REV. NO. 01
DATE 01/15/2014
DRAWN BY: JAVANA
SCALE: AS NOTED
DATE PLOTTED: 01/15/2014
PROJECT NO.: 14141
SHEET TITLE:
SHEET NUMBER

REFLECTED CEILING PLAN - BLDG C

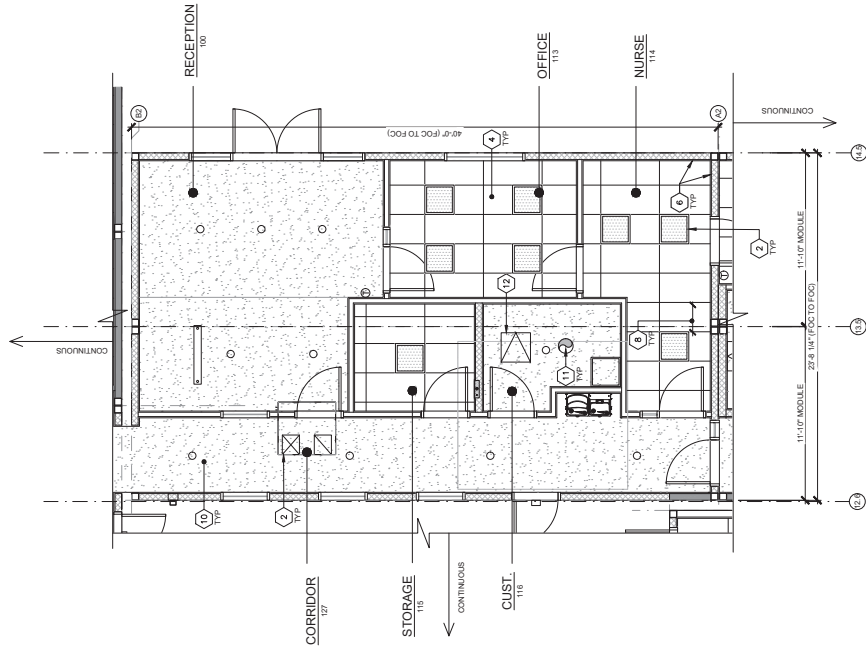
SHEET NUMBER
M1.0C

- 1. MAIN TEE RUNNER TYP. PER TABLE A, SHEET M1.7
- 2. CROSS TEE RUNNER TYP. PER TABLE A, SHEET M1.7
- 3. INTERIOR LIGHT FIXTURE REFER TO SHEET E1.0 FOR SPECS ATTACHMENT PER DETAIL TM1.4
- 4. CEILING HEIGHT 8' 0" MIN. REFER TO N3.0 FOR HEIGHTS
- 5. STRUT/SLAY WIRE ASSEMBLY SEE DETAIL SA.M1.4 FOR DETAILS
- 6. FIXED CEILING END. SEE DETAIL SA.M1.4
- 7. FREE CEILING END. SEE DETAIL SA.M1.4
- 8. CENTER SECTION TYP. CROSSIES. MODULE LINE TO BE FIELD INSTALLED. SEE DETAIL SA.M1.4
- 9. TYP. HVAC UNIT
- 10. GYP BOARD CEILING - PER 8.M1.6
- 11. EXHAUST FAN
- 12. ZAZ ATTIC CEILING ACCESS PANEL PER 2.M1.0A
- 13. NOT USED

KEY NOTES

- 1. NOT USED
- 2. NOT USED
- 3. LIGHT FIXTURES MAY BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH GRID.
- 4. PICTURE HAS BEEN RUN FOR WORSE CASE OUTDOOR VENTILATION REQUIREMENTS. REFER TO SHEET N1.0 FOR OUTDOOR VENTILATION DESIGN REQUIREMENTS NOTES.

GENERAL NOTES



REFLECTED CEILING PLAN - BLDG C

SCALE: 1/4" = 1'-0"

- 1 ZAZ ATTIC CEILING ACCESS PANEL - PER 2.M1.0A
- 2 ROOF HVAC EXHAUST PER M1.6A
- 3 T-GRID CEILING - PER 5.AND 12.M1.4
- 4 GYP CEILING - PER 8.M1.6

NOT USED

SYMBOL LEGEND

NOT USED

NOT USED

NOT USED

AMERICAN MODULAR SYSTEMS
 DIV. OF THE STATE ARCHITECT
 APP: 04-12084 INC.
 REVIEWED FOR: ACS
 DATE: 08/28/2022



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PROCESSED BY: NAME
 MODULAR BUILDING
 CONSISTING OF
 40' & 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' X 40' (2)24'X40' & (1)144'X40' MODULES



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DATE:	08/28/22
SCALE:	AS NOTED
DRAWN BY:	JAVANA
CHECKED BY:	BRADY
PROJECT NO.:	202202
SHEET TITLE:	REFLECTED CEILING PLAN - BLDG D

REFLECTED CEILING PLAN - BLDG D
 SHEET NUMBER

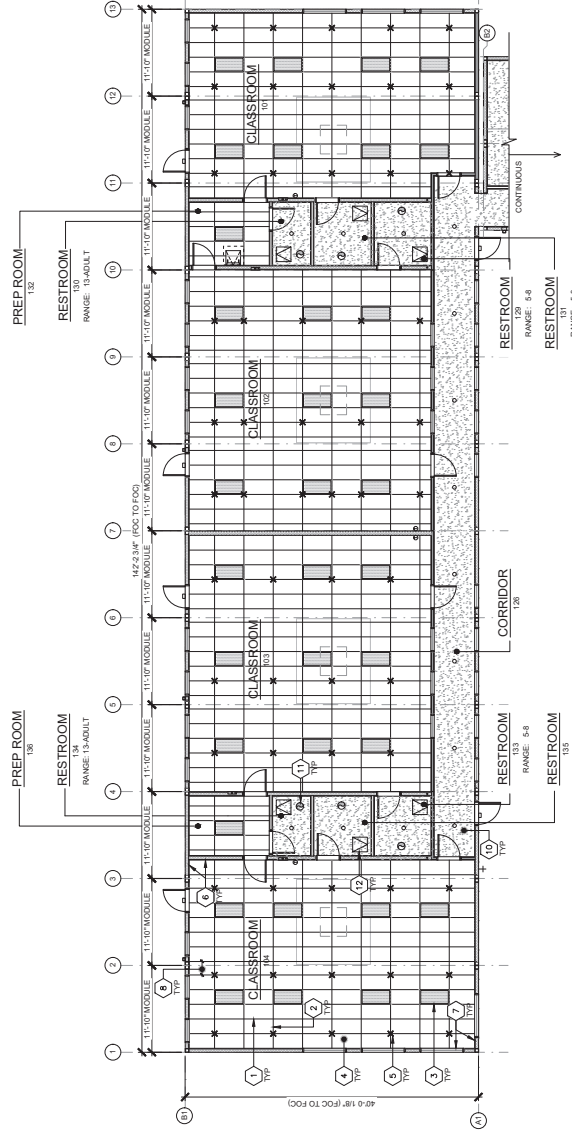
M1.0D

- 1. MAIN TEE RUNNER TYP. PER TABLE A, SHEET M1.7
- 2. CROSS TEE RUNNER TYP. PER TABLE A, SHEET M1.7
- 3. INTERIOR LIGHT FIXTURE REFER TO SHEET E1.0 FOR SPECS
- 4. ATTACHMENT PER DETAIL TM1.4
- 5. CEILING HEIGHT @ 8'6" MIN. REFER TO NOTES FOR HEIGHTS
- 6. STRUT/STAY WIRE ASSEMBLY, SEE 2M1.4 FOR DETAILS
- 7. FIXED CEILING END, SEE DETAIL 5M1.4
- 8. FREE CEILING END, SEE DETAIL 5M1.4
- 9. COVER SECTION THAT CROSSES MODULE LINE TO BE FIELD INSTALLED, SEE DETAIL 5M1.4
- 10. TYP. HVAC UNIT
- 11. OVP BOARD CEILING - PER 8M1.6
- 12. EXHAUST FAN
- 13. ZAC ATTIC CEILING ACCESS PANEL PER 2M1.0A
- 14. NOT USED

KEY NOTES

- 1. NOT USED
- 2. NOT USED
- 3. LIGHT FIXTURES MAY BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH GRID
- 4. NOTICE ZAC HAS BEEN RUN FOR WORSE CASE OF FLOOR VENTILATION ON SHEET T1.0 FOR OUT OF DOOR VENTILATION DESIGN REQUIREMENT NOTES

GENERAL NOTES



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

- 13 ZAC ATTIC CEILING ACCESS PANEL PER 2M1.0A
- 11 ROOF HATCH/LADDER PER M1.6A
- 12 GRID CEILING PER 5 AND 12M1.4
- 10 OVP CEILING PER 8M1.6

SYMBOL LEGEND

NOT USED

NOT USED

NOT USED

REFLECTED CEILING PLAN - BLDG D

DESIGNED BY: []
 DRAWN BY: []
 CHECKED BY: []
 APP: 04-120844 INC.
 REVIEWED FOR: []
 DATE: 08/22/22



AMERICAN MODULAR SYSTEMS, INC.
 10000 W. CENTRAL EXPRESSWAY, SUITE 100
 DALLAS, TEXAS 75243
 PHONE: (214) 825-1921 FAX: (214) 825-7018
 WWW.AMERICANMODULAR.COM

PROJECT NAME: MODULAR BUILDING
 CONSISTING OF 40 & 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME: PALO VERDE COLLEGE CHILD DEVELOPMENT CENTER (1)48' X 40' (2)24'X40' & (1)144'X40' MODULES

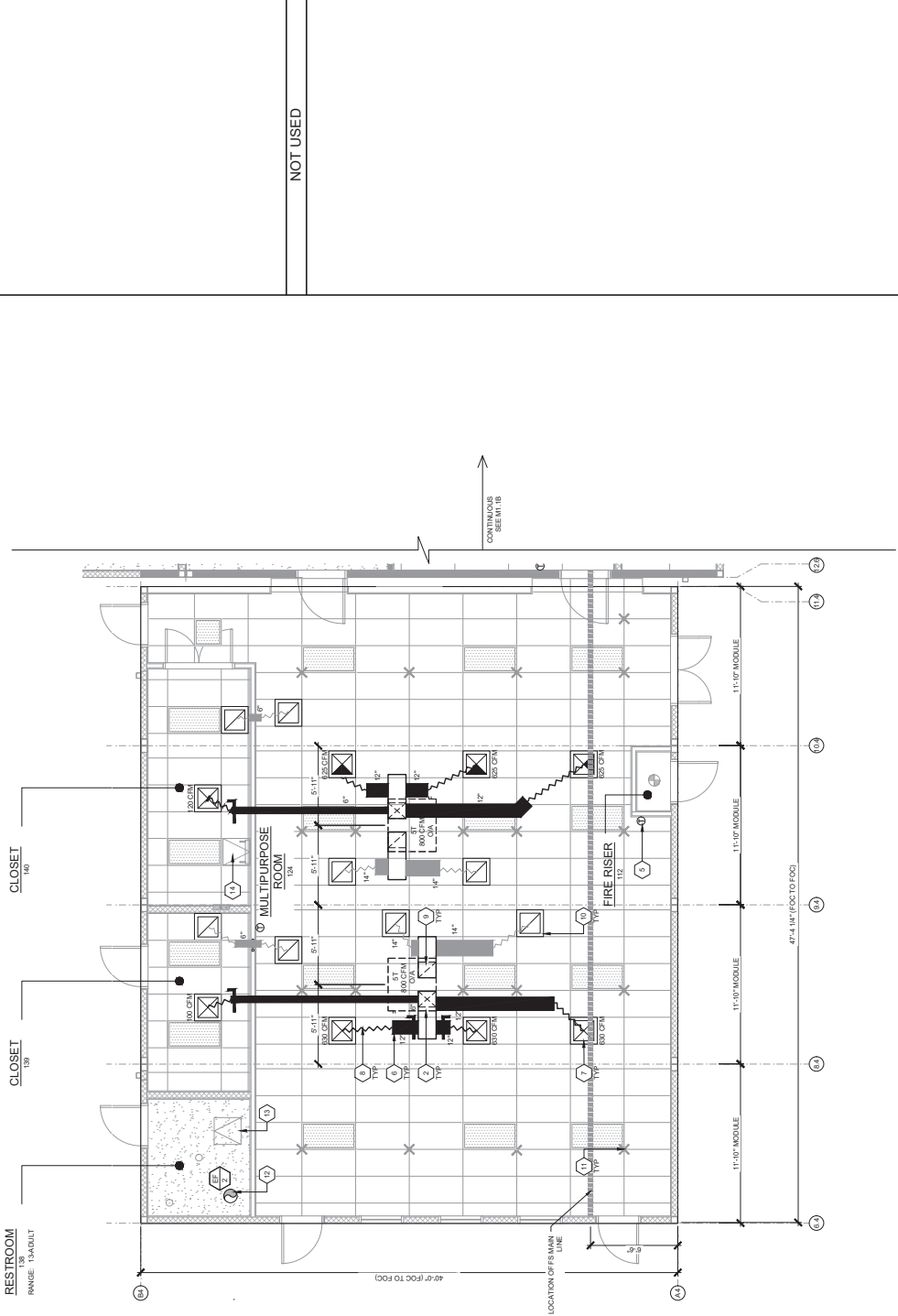


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DRAWN BY: JAVAN
 DATE: 08/22/22
 SCALE: AS NOTED
 SHEET NO.: 1014
 PROJECT NO.: 04-120844

SHEET TITLE: MECHANICAL PLAN - BUILDING A

SHEET NUMBER: M1.1A



MECHANICAL PLAN - BLDG A

NOT USED

NOT USED

NOT USED

- KEY NOTES
1. NUMBER OF FANS AND FAN RISERS, LOCATION, RISES, AND RISES SHALL BE EQUIPPED WITH A CODE SMOKE DETECTING FUNCTIONAL TYPE AUTODIAL INTERCONNECT WITH FIRE ALARM SYSTEM.
 2. AIR HANDLING SYSTEMS SUPPLYING AIR IN EXCESS OF 2000 CUBIC FEET PER HOUR SHALL BE EQUIPPED WITH AN AUTOMATIC SHUTOFF.
 3. AUTOMATIC SHUTOFF IS NOT REQUIRED WHEN OCCUPIED ROOMS SERVED BY THE AIR HANDLING EQUIPMENT HAVE A DIRECT EXIT TO THE EXTERIOR AND THE TRAVEL DISTANCE DOES NOT EXCEED 100 FT. PER C.I.C. 081 (EXCEPTION 4).
 4. EXHAUST FAN SHALL BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH T.G.R.D.
 5. FOR T-BAR CEILING SPECIFICATIONS, SEE M1.7.
 6. CONCEALED SUPPLY AIR DUCT ABOVE T-BAR CEILING - SEE M1.14.
 7. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE - SEE M1.14.
 8. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE - SEE M1.14.
 9. FLEX DUCT - NOMINAL 1/2" MIN. (MAY VARY) - SEE M1.5.
 10. RETURN AIR AS PART OF UNIT.
 11. RETURN AIR REGISTER - SEE T.M.1.5.
 12. EXHAUST FAN.
 13. 2" X 2" CEILING ACCESS.
 14. ROOF HATCHLADDER - PER 11/10/17.

- KEY NOTES
1. NUMBER OF FANS AND FAN RISERS, LOCATION, RISES, AND RISES SHALL BE EQUIPPED WITH A CODE SMOKE DETECTING FUNCTIONAL TYPE AUTODIAL INTERCONNECT WITH FIRE ALARM SYSTEM.
 2. AIR HANDLING SYSTEMS SUPPLYING AIR IN EXCESS OF 2000 CUBIC FEET PER HOUR SHALL BE EQUIPPED WITH AN AUTOMATIC SHUTOFF.
 3. AUTOMATIC SHUTOFF IS NOT REQUIRED WHEN OCCUPIED ROOMS SERVED BY THE AIR HANDLING EQUIPMENT HAVE A DIRECT EXIT TO THE EXTERIOR AND THE TRAVEL DISTANCE DOES NOT EXCEED 100 FT. PER C.I.C. 081 (EXCEPTION 4).
 4. EXHAUST FAN SHALL BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH T.G.R.D.
 5. FOR T-BAR CEILING SPECIFICATIONS, SEE M1.7.
 6. CONCEALED SUPPLY AIR DUCT ABOVE T-BAR CEILING - SEE M1.14.
 7. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE - SEE M1.14.
 8. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE - SEE M1.14.
 9. FLEX DUCT - NOMINAL 1/2" MIN. (MAY VARY) - SEE M1.5.
 10. RETURN AIR AS PART OF UNIT.
 11. RETURN AIR REGISTER - SEE T.M.1.5.
 12. EXHAUST FAN.
 13. 2" X 2" CEILING ACCESS.
 14. ROOF HATCHLADDER - PER 11/10/17.

- KEY NOTES
1. NUMBER OF FANS AND FAN RISERS, LOCATION, RISES, AND RISES SHALL BE EQUIPPED WITH A CODE SMOKE DETECTING FUNCTIONAL TYPE AUTODIAL INTERCONNECT WITH FIRE ALARM SYSTEM.
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 8. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE - SEE M1.14.
 9. FLEX DUCT - NOMINAL 1/2" MIN. (MAY VARY) - SEE M1.5.
 10. RETURN AIR AS PART OF UNIT.
 11. RETURN AIR REGISTER - SEE T.M.1.5.
 12. EXHAUST FAN.
 13. 2" X 2" CEILING ACCESS.
 14. ROOF HATCHLADDER - PER 11/10/17.

EXHAUST FAN SCHEDULE

MARK	DESCRIPTION	CFM	WATTS	S.P.	VOL/HP	APPROXIMATE WEIGHT (OR EQUAL)	APPROXIMATE WEIGHT (OR EQUAL)
1	EXHAUST FAN	110	100	10"	100-100	1800 INET 10 LBS (OR EQUAL)	1800 INET 10 LBS (OR EQUAL)
2	EXHAUST FAN	210	127	10"	100-100	1800 INET 10 LBS (OR EQUAL)	1800 INET 10 LBS (OR EQUAL)

NOTES:
 1. FAN WEIGHTS FROM MANUFACTURER.
 2. FAN WEIGHT WEIGHT LESS THAN 20 LBS.
 3. LIFTING INSTRUCTIONS MAY BE INSTALLED NOTATED BY FROM SHOWN.
 4. FOR INSTALLATION DETAILS REFER TO 11.5, M1.1.5.



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MODULAR BUILDING
CONSISTING OF
40' & 24' MODULES

EVOLVE

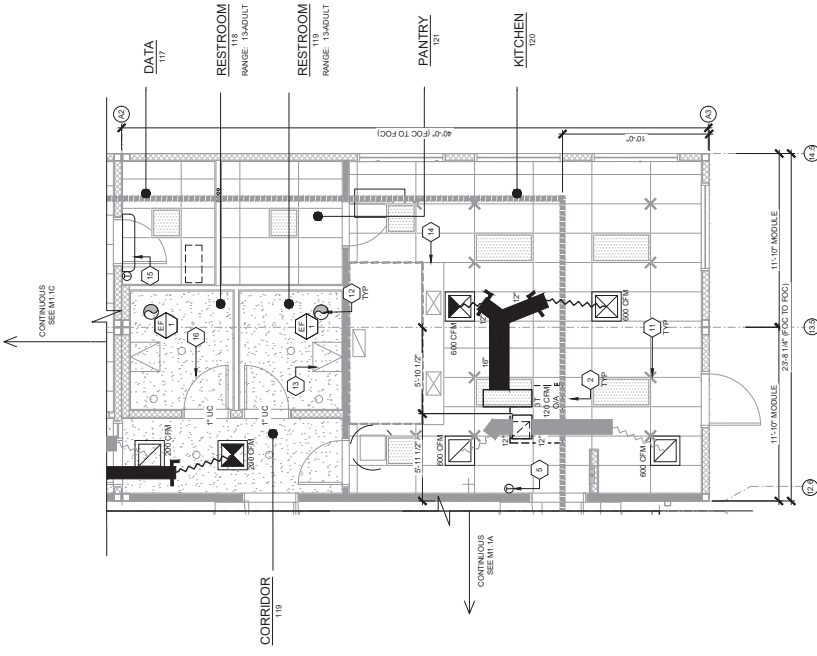
PROJECT NAME:
**PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER**
[148' x 40'] [244' x 40'] & [1144' x 40'] MODULES



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DATE: 08/28/22
SCALE: AS NOTED
DRAWN BY: JAWAN
CHECKED BY: JAWAN
PROJECT NO.: 2022022
SHEET TITLE: MECHANICAL PLAN - BUILDING B

SHEET NUMBER: M1.1B



MECHANICAL PLAN - BLDG B

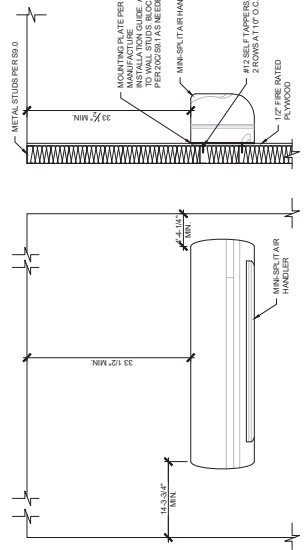
DESCRIPTION	CFM	WATTS	SEP	VOL	LFPH
EXHAUST FAN	110	47.3	10'	10'	10'
EXHAUST FAN	210	127	120'	100	100

NOTE: EXHAUST FAN THROUGH ROOF SHALL BE INSTALLED AT AN ANGLE OF 45 DEGREES TO THE HORIZONTAL. EXHAUST FAN SHALL BE INSTALLED AT AN ANGLE OF 45 DEGREES TO THE HORIZONTAL. EXHAUST FAN SHALL BE INSTALLED AT AN ANGLE OF 45 DEGREES TO THE HORIZONTAL. EXHAUST FAN SHALL BE INSTALLED AT AN ANGLE OF 45 DEGREES TO THE HORIZONTAL.

- KEY NOTES**
1. WHERE INDICATED, ALL AIR HANDLERS, EXHAUST FANS, AND UNITS SHALL BE EQUIPPED WITH A SMOKE DETECTOR FOR AUTOMATIC SHUTDOWN.
 2. INTERCONNECT WITH FIRE ALARM SYSTEM.
 3. AIR-MOVING SYSTEMS SUPPLYING AIR IN EXCESS OF 2000 CUBIC FEET PER HOUR SHALL BE EQUIPPED WITH A SMOKE DETECTOR FOR AUTOMATIC SHUTDOWN.
 4. AUTOMATIC SHUT-OFF IS NOT REQUIRED WHEN OCCUPIED ROOMS SERVED BY THE AIR HANDLING EQUIPMENT HAVE A DIRECT EXIT TO THE EXTERIOR AND THE EXISTING EXHAUST SYSTEM IS NOT LOCATED 10 FT. (PER CALIF. CODE SECTION 904.2).
 5. EXHAUST FAN SHALL BE INSTALLED NOTICED 9 FT. FROM SHOWN TO MATCH TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE PER M1.1A.
 6. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE PER M1.1A.
 7. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE PER M1.1A.

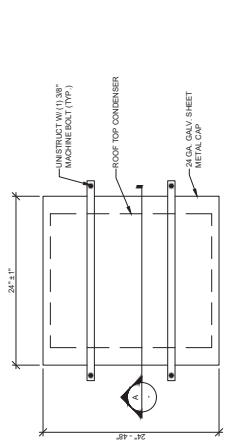
- KEY NOTES**
8. FIELD DUCT - NOMINAL 1/2" MIN. MAX. (VARY) - SEE M1.1.5.
 9. RETURN AIR REGISTER - SEE M1.1.5.
 10. RETURN AIR REGISTER - SEE M1.1.5.
 11. STRUT/STAY WIRE ASSEMBLY - SEE M1.1.4 FOR DETAILS.
 12. NOT USED.
 13. 2" X 2" CEILING ACCESS.
 14. HOOD BY G.C. PER M1.1A.
 15. MIN. 5/8" AIR HANDLER - PER M1.1A.
 16. MIN. 5/8" AIR HANDLER - PER M1.1A.
 17. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE PER M1.1A.
 18. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE PER M1.1A.
- NOTE: RELEASABLE DUCTS AND CONNECTORS SHALL BE NOT MORE THAN 1/2" IN LENGTH AND SHALL NOT BE USED IN LEAD OF ROOF ELEVATIONS OR FITTINGS. RELEASABLE DUCTS SHALL BE PERMITTED TO BE USED AS AN ELBOW AT A TERMINAL DEVICE PER ENERGY CODE 12.4 AND CAC 90.3.4.1.

NOT USED

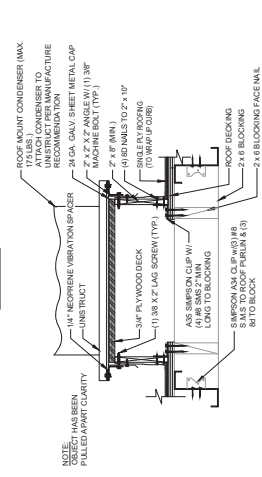


AIR HANDLER DETAIL

NOTES



TOP VIEW



DETAIL

NOTES

ROOF MOUNT CONDENSER MOUNTING DETAIL

KEY NOTES

NOT USED

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 APP: 04-120844 INC.
 REVIEWED FOR: ACS
 DATE: 08/28/2022



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MODULAR BUILDING
 CONSISTING OF
 40' x 24' MODULES
EVOLVE

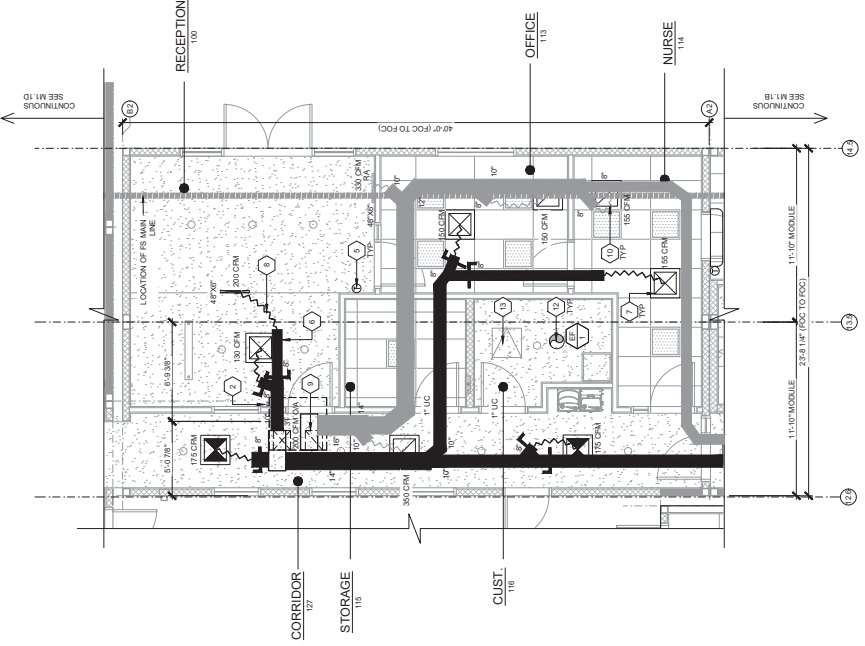
SITE SPECIFIC PROJECT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24'x40' (1)144'x40' MODULES



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SCALE: 1/8" = 1'-0"
 DRAWN BY: JAVAN
 DATE: 08/28/22
 CHECKED BY: JAVAN
 SHEET TITLE: MECHANICAL PLAN - BUILDING C

SHEET NUMBER
M1.1C



MECHANICAL PLAN - BLDG C

MARK	DESCRIPTION	CFM	WATTS	SP.	NOISE/HP
EF	EXHAUST FAN	110	473	10'	1204
EF	EXHAUST FAN	210	107	10'	1204

- NOTES:
 1. NEW EXHAUST FAN PACKAGES.
 2. FANS MUST WEIGH LESS THAN 25 LBS.
 3. LIGHTING FIXTURES MAY BE INSTALLED ROTATED 90° FROM SHOWN.
 4. FOR INSTALLATION DETAILS REFER TO 11 - 080416

1. WHEN THE WORK AREA HAS BEEN IDENTIFIED, A SIGN SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA. THE SIGN SHALL BE INTERCONNECTED WITH THE FIRE ALARM SYSTEM.
 2. AIR-RAVING SYSTEMS SUPPLYING AIR IN EXCESS OF 2000 CUBIC FEET PER HOUR SHALL BE PROVIDED WITH A FLOW CONTROL VALVE AND AN AUTOMATIC SHUTOFF.
 3. AUTOMATIC SHUTOFF IS NOT TO BE USED WHEN OCCUPIED ROOMS SERVED BY THE AIR HANDLING EQUIPMENT HAVE A DIRECT EXIT TO THE EXTERIOR AND THE TRAVEL DISTANCE DOES NOT EXCEED 100 FT. (PER CHG. 608 TO OPTION 2).
 4. LIGHT FIXTURES SHALL BE INSTALLED ROTATED 90° FROM SHOWN TO MATCH T.O.D.
 5. FOR TEAM CEILING SPECIFICATIONS, SEE 0417.

1. NOT USED
 2. ROOF MOUNT UNIT - SEE 11M1.4
 3. NOT USED
 4. AIR HANDLER UNIT (N ROOM) - SEE 3M1.5
 5. AIR HANDLER UNIT ABOVE CEILING - SEE DETAIL 3M1.5
 6. PENETRATION FOR 2" DIA. 8" DIA.
 7. NOT USED
 8. THERMOSTAT - 48" A.F.F. MAX TO TOP OF BOX

9. CONCEALED SUPPLY AIR DUCT ABOVE TEAM CEILING - SEE 11M1.4
 10. TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE PER CEILING LAYOUT AND BUILDING S.I. E - SEE 7M1.5
 11. FLEX DUCT - NOMINAL 1/2" MIN. (MAY VARY) - SEE 04M1.5
 12. RETURN AIR AS PART OF UNIT
 13. RETURN AIR REGISTER - SEE 7M1.5
 14. STRUT/STAY WIRE ASSEMBLY - SEE 5M1.4 FOR DETAILS
 15. EXHAUST FAN
 16. NOT USED
 17. 24"x24" CEILING ACCESS

NOTE: EXHAUST AIR DUCTS AND CONNECTORS SHALL BE NOT MORE THAN 18" FEET IN LENGTH AND SHALL NOT BE USED IN RIGID ELBOWS OR FITTINGS. FLEXIBLE AIR DUCTS SHALL BE PERMITTED TO BE USED AS AN ELBOW AT A TERMINAL DEVICE PER ENERGY CODE 190.4 AND CMC 030.4.1

KEY NOTES

NOT USED

NOT USED

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 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR: _____
 DATE: _____

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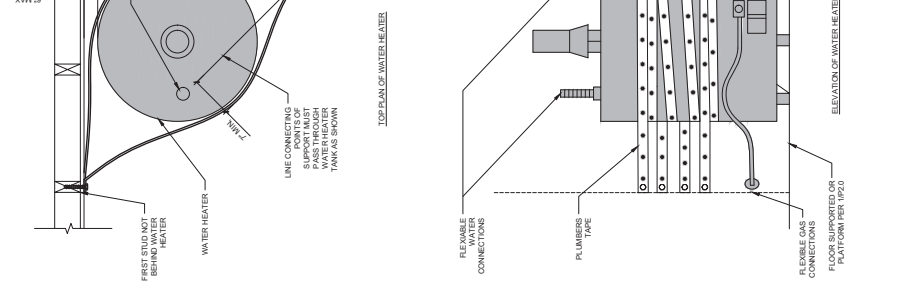
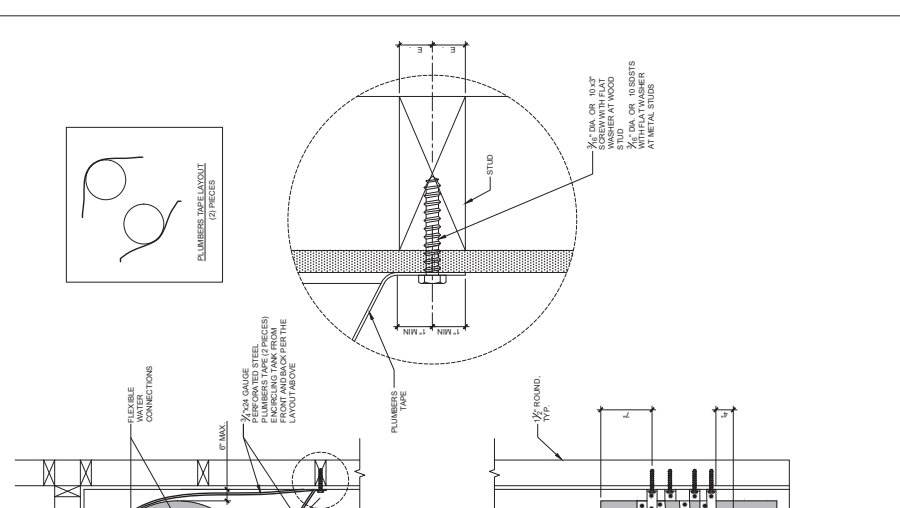
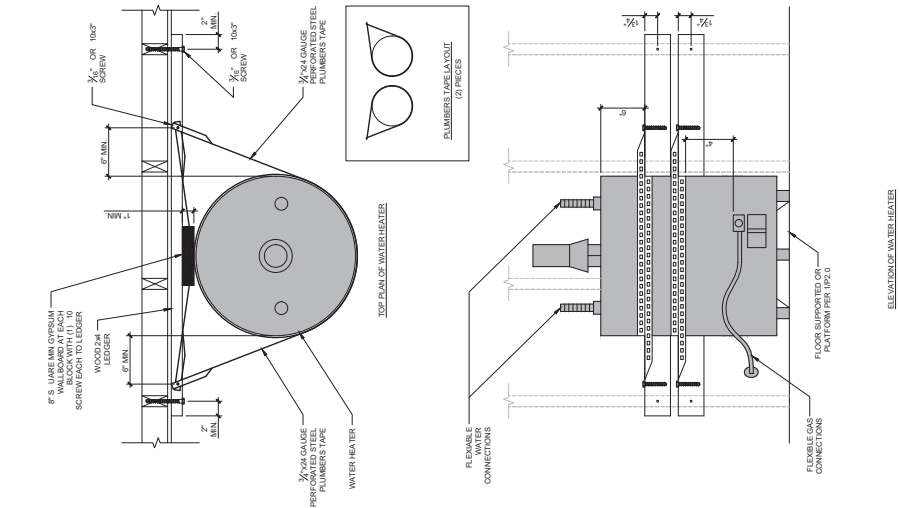
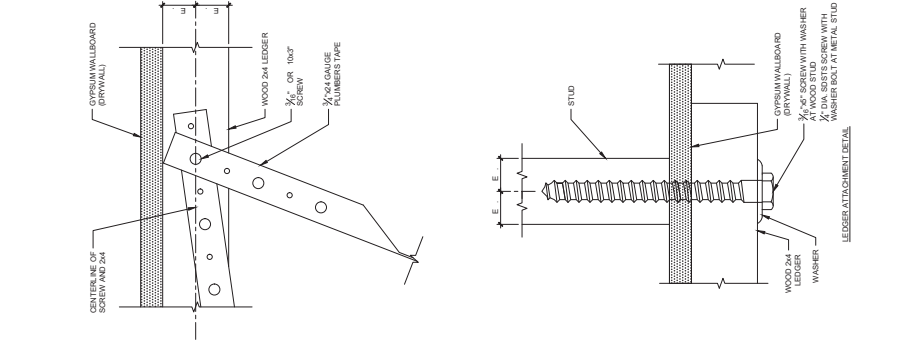
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PROJECT NAME: MODULAR BUILDING
 CONSISTING OF 40' x 24' MODULES
EVOLE
 SITE SPECIFIC PROJECT NAME: PALO VERDE COLLEGE CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24'x40' (1)144'x40' MODULES



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REVISIONS
NO. DATE BY
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MECHANICAL AND CEILING DETAILS
 SHEET TITLE
 SHEET NUMBER
M1.4A



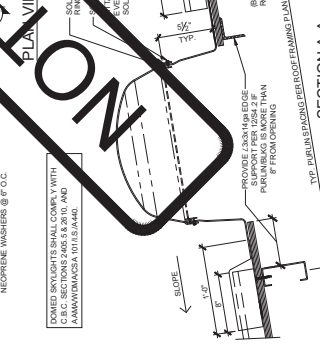
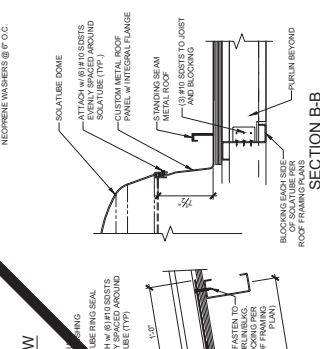
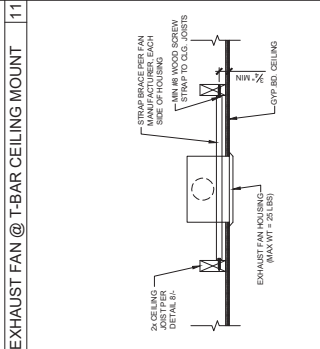
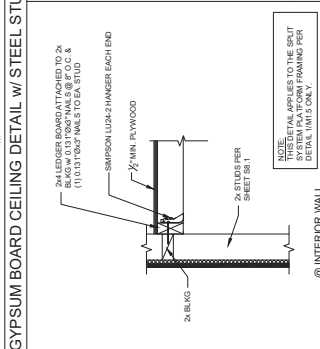
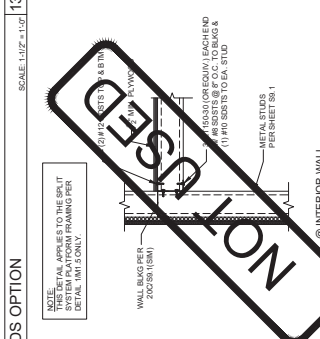
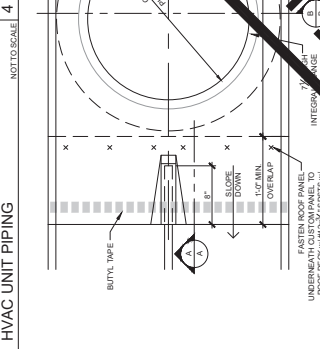
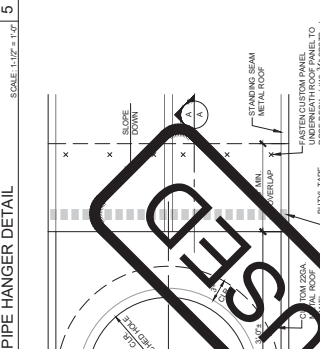
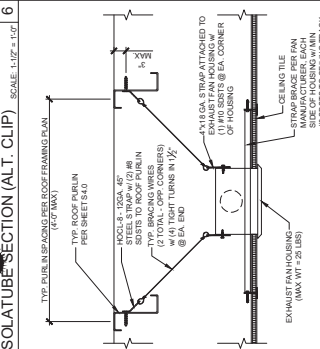
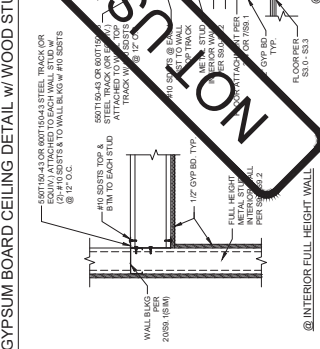
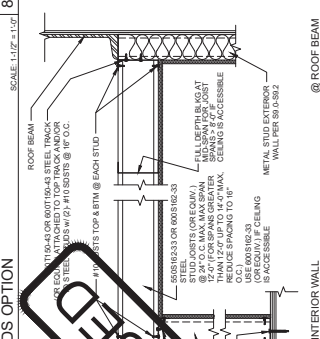
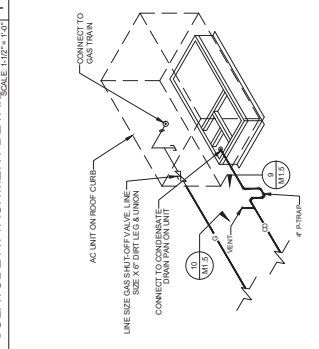
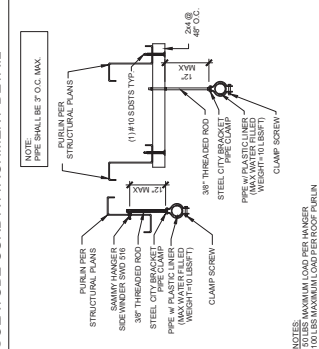
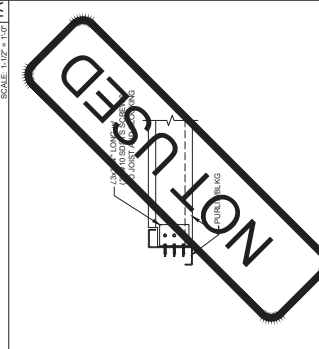
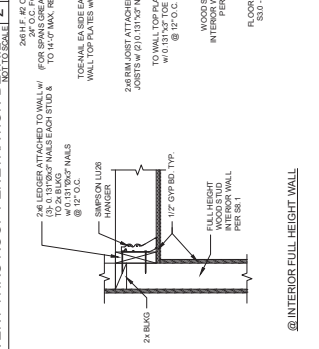
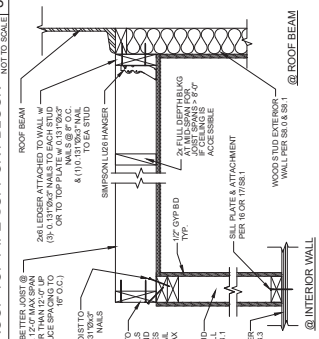
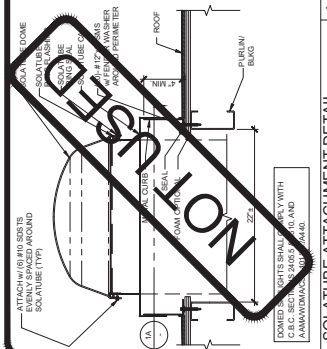
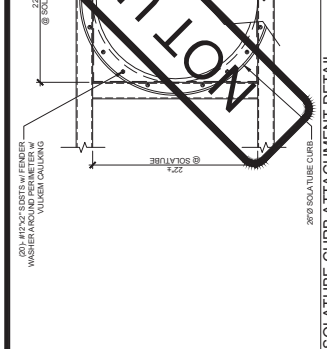
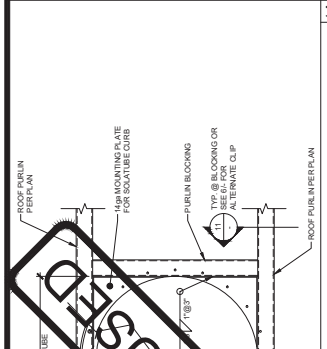
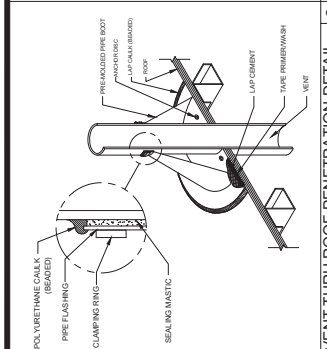
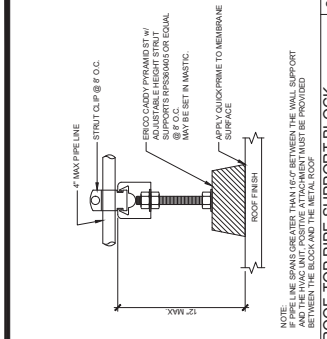
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PROJECT NAME: PALO VERDE COLLEGE CHILD DEVELOPMENT CENTER (1)48' X 40' (2)24' X 40' & (1)144' X 40' MODULES
 PROJECT NO.: 2020-001
 DATE: 03/23/2022



DESIGNED BY:	AMMS
DRAWN BY:	AMMS
CHECKED BY:	AMMS
DATE:	03/23/2022
PROJECT NO.:	2020-001
PROJECT NAME:	PALO VERDE COLLEGE CHILD DEVELOPMENT CENTER
MECHANICAL ROOF DETAILS	
SHEET NO.:	M1.6

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OPTIONAL SOLATUBE DETAILS
 SCALE: 1/2" = 1'-0"

16 DETAIL @ CEILING MOUNT
 SCALE: 1/2" = 1'-0"

17 DETAIL @ WOOD STUD OPTION
 SCALE: 1/2" = 1'-0"

18 DETAIL @ STEEL STUD OPTION
 SCALE: 1/2" = 1'-0"

19 DETAIL @ INTERIOR WALL
 SCALE: 1/2" = 1'-0"

20 DETAIL @ INTERIOR WALL
 SCALE: 1/2" = 1'-0"



AMS
American Modular Systems
791 Spenard Ave., Milpitas, CA 95338
www.americamodular.com

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MODULAR BUILDING
40 & 24 MODULES
EVOLVE
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(148' x 40') (224' x 40') (144' x 40') MODULES



DATE: 08/22/2019
REVISED FOR: 08/22/2019
DATE: 08/22/2019

OWNER: JPMVA
PROJECT NO.: 08-241
SHEET NO.: 08-241-001

CEILING & MECHANICAL
NOTES & SCHEDULES

M1.7

HEATING, VENTILATING AND AIR CONDITIONING (HVAC)

1. HEAT PUMP, SINGLE PHASE, WALL MOUNTED AS US, TO AIR ELECTRIC HEAT PUMP SHALL BE INSTALLED IN ACCORDANCE WITH I.E. STANDARD 240.7. MAXIMUM A.C. SIZE FOR THIS BUILDING WILL BE A 50 TON UNIT. ALL UNITS SHALL BE 230/208VOLT, 1 PHASE SYSTEM. A. TESTED APPROVED OR COMPARABLE, AND MEET CURRENT ENERGY STANDARDS.
A. THE SYSTEM SHALL MAINTAIN AN AUTOMATICALLY CONTROLLED INDOOR CLASSROOM TEMPERATURE OF 78 DEGREES F. WHEN THE OUTDOOR DRY BULB TEMPERATURE VARIES BETWEEN 100 DEGREES F. IN THE SUMMER APPROXIMATELY ONE THIRD FRESH AIR.
B. DUCTWORK
A. CONSTRUCT ALL DUCTWORK OF GALVANIZED SHEET METAL IN ACCORDANCE WITH C.I.M.C. ASHRAE GUIDE EQUIPMENT VOLUME AND SMOKE LOW VELOCITY DUCT CONSTRUCTION MANUAL, LATEST EDITIONS. ALL DUCTWORK SHALL BE INSULATED WITH THICK FIBROGLASS DUCT WRAP WITH VAPOR BARRIER. PROVIDE 1" DUCT INSULATION AT ALL JOINTS WITHIN 2' OF HANG UNIT.
B. NOMMETAL DUCTWORK OPTION IN ACCESSIBLE CONCEALED PORTIONS OF DUCT SYSTEM, HOID 1" DUCTWORK AND REINFORCEMENT SHALL BE DESIGNED FOR 2" STATIC PRESSURE. CONNECTIONS SHALL BE METAL SHALL CONFORM TO NFPA 850 AND SMACNA CLASS 1 RATINGS.
C. DUCT INSTALLATION AND PLENUMS SHALL MEET THE REQUIREMENTS OF ENERGY CODE SECTION 100.4 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. HORIZONTAL FLEX DUCT SHALL BE SUPPORTED AT A MAXIMUM 4' INTERVALS WITH HANGING STRAPS AT MINIMUM 1-1/2" WIDE DUCTS MUST BE PULLED TIGHT WITH A MAXIMUM SAG OF 1/4" PER 10' RUN. DUCTS SHALL NOT BE RIGID OR UNDESIGNED BENDINGS EQUAL TO THE DUCT DIAMETER OR GREATER.
D. SIZES OF SUPPLY AND RETURN DUCTS SHALL BE SPECIFIED ON PLANS. MAKE CURB SUPPLY AND RETURN DUCTS SHALL BE THE SAME SIZE AND ALIGN WITH THE HVAC UNIT.
E. FLEXIBLE AIR DUCTS AND CONNECTORS SHALL BE NOT MORE THAN 1.5 FEET IN LENGTH AND SHALL NOT BE USED IN LEAD OF ROOD ELBOWS OR FITTINGS. FLEXIBLE AIR DUCTS SHALL BE PERMITTED TO BE USED AS AN ELBOW AT A TERMINAL DEVICE PER ENERGY CODE 120.4.4 AND CMC 603.4.1
F. AIR DUCT INSULATION LININGS SHALL COMPLY WITH FLAME SPREAD LESS THAN OR EQUAL TO 25. SMOKE GENERATION LESS THAN OR EQUAL TO 30.
G. SUPPLY AIR DIFFUSERS SHALL BE 675 CFM MAXIMUM, 12" ROUND, 1" FIBERGLASS OR FLEX DUCT DUCTWORK SPECIALLY DESIGNED TO PROVIDE AIR THERMAL COOLING SYSTEMS 24" X 24" MICRO-AIRE TYPE AIR DIFFUSERS-CONING, MANUF. (OR LIMITED, OR EQUAL, AND 90°-U L. #13151, CLASS 1 RATINGS WITH "SMOAK".
H. OENERS AND DIFFUSERS PROVIDE THREE (MINIMUM) 4-WAY THRU AIR DIFFUSERS AS MANUFACTURED BY CARNIES, REGISTERED AND COOLEY, METALURE, SHOWBOWER, BARBER-COLEMAN OR KRUEGER COMMERCIAL GRADE GRILLS AND REGISTERS.
I. AIR CONTROLS AND LOGS, PROVIDE THE FOLLOWING PERFORMANCE: THE THERMOSTAT SHALL BE OCCUPIED TIME PRE-OCCUPANCY PURGE SHALL BE PROGRAMMED ONE HOUR PRIOR TO THE MODULAR BUILDING BEING OCCUPIED. PROVIDE THE FOLLOWING FUNCTIONS:
A. 5 AND 2 WEEKEND/WEEKEND PROGRAMMING DAYS.
B. 24 HOUR PERIOD.
C. 24 HOUR ON/OFF DUCT SWITCH.
D. PROGRAMMABLE DISPLAY.
E. 24 HOUR OVERIDE MINIMUM.
F. BATTERY BACK-UP.
G. WHERE LOCATED CLEAR THERMOSTAT COVER WITH THERMOSTAT COVER WITH ACCESS HOLE FOR PROGRAMMING. LOCAL SETTINGS & ADJUSTMENTS CAN BE DONE BY SERVICE PERSONNEL ONLY.)
J. THERMAL INSULATION
A. ROOF INSULATION: R-19 WITH 22 GA. WIRE @ 18" O.C. & R-1 TOP OF PURLINS.
B. WALLS INSULATION: R-15 KRAFT FACED, (R-4 INSULATION OVER METAL FRAMED WALLS)
C. FLOOR INSULATION: R-15 CONCRETE FLOORS INSULATION, N.A.
D. CONCRETE FLOORS INSULATION, N.A.
E. FLAME SPREAD AND SMOKE DEVELOPMENT SHALL CONFORM TO CALIFORNIA BUILDING CODE SEC. 720.
F. FACTORY-MADE AIR DUCTS
A. FACTORY-MADE AIR DUCTS SHALL BE APPROVED FOR THE USE INTENDED OR SHALL CONFORM TO THE LABEL OR OTHER SUITABLE IDENTIFICATION INDICATING COMPLIANCE WITH C.I.M.C. SECTION 801.0 AND ITS CLASSIFICATION. FACTORY-MADE AIR DUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE TERMS OF THEIR LISTING AND THE REQUIREMENTS OF C.I.M.C. SECTION 801.0.
G. DUCT SUPPORT FLEX DUCT TO BE SUPPORTED WITH 1-1/2" WIDE 24 GA. GALV. STRAPS MINIMUM 2 PER PLENUM.
H. SUPPLY AIR BOX AND DIFFUSERS TO BE SUPPORTED WITH (2) 12 GA. HANGER WIRES TO BOX @ OPPOSITE CORNERS.
I. SUPPLY AIR BOX AND DIFFUSERS TO BE BRACED WITH (2) 12 GA. SLACK WIRES TO BOX @ OPPOSITE CORNERS.
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K. FIRELOCKING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS:
A. IN UNOCCUPIED SPACES OF STUDY WALLS AND PARTITIONS, INCLUDING CURVED SPACES.
B. AT 10' O.C. (3048mm) INTERVALS BOTH VERTICAL AND HORIZONTAL.
C. AND AT 10' O.C. (3048mm) INTERVALS BOTH VERTICAL AND HORIZONTAL.
D. REFERENCE 2016 CBC SECTION 718.
L. THE INTERIOR ENVIRONMENT SHALL BE ASSEMBLED WITH PRODUCTS THAT CONTRIBUTE TO A HEALTHY INDOOR AIR QUALITY (IQA). THE FOLLOWING SHALL COMPLY WITH ICA, PART 11 (CAL-GREEN): SECTION 5.504.4.
M. EACH FLOOR IN THIS SECTION IS "INTERIOR AIR QUALITY CONTROL".
N. HVAC FLOORS SHALL HAVE A THERMAL EFFICIENCY REPORTING VALUE OF 1.0 WITH 3" DEPTH MIN. (MEVY 13) AND SHALL BE INSTALLED PER OCCUPANCY AND RECOMMENDATIONS FOR MAINTENANCE WITH FILTERS OF THE SAME VALUE SHALL BE INCLUDED IN THE OPERATION AND MAINTENANCE MANUAL PER 2019 CBC SECTION 5.504.5.3.
O. ALL HVAC EQUIPMENT SHALL BE CLEARLY LABELED BY THE MANUFACTURER INCLUDING THE NEW RATING, PER 2019 CBC SECTION 5.504.5.3.1.
P. ROOF MOUNTED HVAC
A. ALL GASES SHALL BE PLACED BETWEEN THE CURB AND THE HVAC UNIT. MASTIC SEALANT SHALL BE USED TO SEAL ALL GASES BETWEEN THE HVAC UNIT AND DUCTS.
Q. THERMOSTAT (BY OTHERS) WILL BE PROGRAMMED WHEN THE MODULAR BUILDING IS PLACED ON A SITE TO PRE-OCCUPANCY PURGE SHALL BE PROGRAMMED ONE HOUR PRIOR TO THE MODULAR BUILDING BEING NORMALLY OCCUPIED PER ENERGY CODE 120.1(c)(1).
R. UPON SITE PLACEMENT OR SITE CONSTRUCTION, THE OPERATION AND MAINTENANCE DOCUMENTATION FOR ALL MECHANICAL AND LIGHTING SYSTEMS AND CONTROLS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR FOR THE PERMANENT MODULAR RELOCATABLE BUILDING AND DELIVERED TO THE OWNER.

HVAC NOTES

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HVAC SCHEDULE

BUILDING SIZE	# OF HVAC CLIMATE ZONES 1-14				# OF HVAC CLIMATE ZONE 15				# OF HVAC CLIMATE ZONE 16			
	1 TON HVAC	3 TON HVAC	4 TON HVAC	5 TON HVAC	1 TON HVAC	3 TON HVAC	4 TON HVAC	5 TON HVAC	1 TON HVAC	3 TON HVAC	4 TON HVAC	5 TON HVAC
24'x40'	1	1	1	1	1	1	1	1	1	1	1	1
30'x40'	2	2	2	2	2	2	2	2	2	2	2	2
40'x40'	3	3	3	3	3	3	3	3	3	3	3	3
48'x40'	4	4	4	4	4	4	4	4	4	4	4	4
60'x40'	5	5	5	5	5	5	5	5	5	5	5	5
72'x40'												
84'x40'												
96'x40'												
108'x40'												

MINIMUM INSULATION SCHEDULE

ZONE	WALL	ROOF		FLOOR (NON-CORNER)	CONCRETE FLOORS
		R-10 (INSULATION)	R-10 (INSULATION)		
1-2	R-13	R-10	R-10	R-13	NA
3-15	R-13	R-10	R-5	R-13	NA
16	R-13	R-10	R-15	R-13	NA

* IN ADDITION TO R-10 BATT INSULATION, R-4 RIGID INSULATION TO BE USED OVER METAL FRAMED WALLS
** R-6 MAY BE ACHIEVED W/ POLYSTYRENE OR INSULATION TAPE APPLIED TO THE TOP FLANGE OF PURLINS, TYP.
ADDITIONAL HVAC NOTES:
1. ALL HVAC SYSTEMS ARE A MANDATORY MEASURE UNDER ENERGY CODE SECTION 120.7(A). ALL HVAC SYSTEMS SHALL HAVE A MANUAL OVERRIDE ACCESSIBLE TO THE OCCUPANTS THAT ALLOWS THEM TO TURN ON THE HVAC SYSTEM DURING NORMAL UNOCCUPIED TIMES. THIS CAN BE ANNUAL OVERRIDE FOR UP TO 10 HOURS, OCCUPANCY SENSOR, OR 4 HOUR MANUALLY OPERATED TIMER.

HVAC SCHEDULES

HVAC CFM CHART

MODEL #	DESCRIPTION	MAX. CFM	UNIT WEIGHT (LBS)	EER	COP	CLIMATE ZONES
1929B	3-TON HEAT PUMP	1160	500	11	3.3	1-16
1929C	3-TON HEAT PUMP	1160	500	11	3.3	1-16
1929D	3-TON HEAT PUMP	1160	500	11	3.3	1-16
1929E	3-TON HEAT PUMP	1160	500	11	3.3	1-16
1929F	3-TON HEAT PUMP	1160	500	11	3.3	1-16
1929G	3-TON HEAT PUMP	1160	500	11	3.3	1-16

HVAC CFM CHART

MODEL #	DESCRIPTION	MAX. CFM	UNIT WEIGHT (LBS)	EER	COP	CLIMATE ZONES
5077C30-3-3P	3-TON HEAT PUMP	1000	371	12.0	14.3	1-16
5077C40-3-3P	4-TON HEAT PUMP	1400	474	12.0	14.3	1-16
5077C50-3-3P	5-TON HEAT PUMP	1800	432	12.0	14.5	1-16
5077C60-3-3P	6-TON HEAT PUMP	1920	402	12.0	14.2	1-16

HVAC CFM CHART

MODEL #	DESCRIPTION	MAX. CFM	UNIT WEIGHT (LBS)	EER	COP	CLIMATE ZONES
2142E60A003	3-TON HEAT PUMP	1000	197	11.5	14.0	1-16
2142E60A003	3-TON HEAT PUMP	1000	197	11.5	14.0	1-16
2142E60A003	3-TON HEAT PUMP	1000	197	11.5	14.0	1-16
2142E60A003	3-TON HEAT PUMP	1000	197	11.5	14.0	1-16
2142E60A003	3-TON HEAT PUMP	1000	197	11.5	14.0	1-16
2142E60A003	3-TON HEAT PUMP	1000	197	11.5	14.0	1-16

HVAC SCHEDULE

BUILDING SIZE	# OF HVAC CLIMATE ZONES 1-14				# OF HVAC CLIMATE ZONE 15				# OF HVAC CLIMATE ZONE 16			
	1 TON HVAC	3 TON HVAC	4 TON HVAC	5 TON HVAC	1 TON HVAC	3 TON HVAC	4 TON HVAC	5 TON HVAC	1 TON HVAC	3 TON HVAC	4 TON HVAC	5 TON HVAC
24'x40'	1	1	1	1	1	1	1	1	1	1	1	1
30'x40'	2	2	2	2	2	2	2	2	2	2	2	2
40'x40'	3	3	3	3	3	3	3	3	3	3	3	3
48'x40'	4	4	4	4	4	4	4	4	4	4	4	4
60'x40'	5	5	5	5	5	5	5	5	5	5	5	5
72'x40'												
84'x40'												
96'x40'												
108'x40'												

MINIMUM INSULATION SCHEDULE

ZONE	WALL	ROOF		FLOOR (NON-CORNER)	CONCRETE FLOORS
		R-10 (INSULATION)	R-10 (INSULATION)		
1-2	R-13	R-10	R-10	R-13	NA
3-15	R-13	R-10	R-5	R-13	NA
16	R-13	R-10	R-15	R-13	NA

* IN ADDITION TO R-10 BATT INSULATION, R-4 RIGID INSULATION TO BE USED OVER METAL FRAMED WALLS
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HVAC SCHEDULES

- 1.05 CEILING SYSTEM GENERAL NOTES
1.01 THE CEILING GRID SYSTEMS SHALL COMPLY WITH ASTM C628 AND SECTION 5.1 OF ASTM E830.
1.02 THE CEILING GRID SYSTEM MUST BE RATED HEAVY DUTY AS DEFINED BY ASTM C638.
1.03 CEILING SYSTEMS, THE FOLLOWING CEILING SYSTEMS (AS PART OF THE SCOPE OF THIS PROJECT):
MANUFACTURER: REFER TO TABLE A (BELOW)
PRODUCT NAME: REFER TO TABLE A (BELOW)
EVALUATION REPORT TYPE AND NUMBER: REFER TO TABLE A (BELOW)
CROSS RUNNER PART, MODEL, CATALOG NUMBER: REFER TO TABLE A (BELOW)
1.04 SERVICEMAN CLIP
MANUFACTURERS MODEL: (ROP TO SPECIFY IF USED)
1.05 CEILING PANELS SHALL NOT SUPPORT ANY LUMINAIRES, AIR TERMINALS OR DEVICES.
1.06 FOR CEILING INSTALLATIONS UTILIZING ADJUSTABLE, TIE-IN PANELS OF METAL OR GLASS FIBER, IT IS NOT PERMITTED TO USE ANY OTHER TYPE OF PANELS OR FITTINGS. PROVIDE 1/2" CLEARANCE BETWEEN THE CEILING PANEL AND THE CEILING STRUCTURE. PROVIDE 1/2" CLEARANCE BETWEEN THE CEILING PANEL AND THE CEILING STRUCTURE. PROVIDE 1/2" CLEARANCE BETWEEN THE CEILING PANEL AND THE CEILING STRUCTURE. PROVIDE 1/2" CLEARANCE BETWEEN THE CEILING PANEL AND THE CEILING STRUCTURE.
2. MATERIALS
2.01 CEILING WIRE SHALL BE CLASS 1 ZINC COATED (GALVANIZED) CARBON STEEL CONFORMING TO ASTM A81. WIRE SHALL BE #12 GAUGE (0.075" DIAMETER) WITH SOFT TENSILE AND MINIMUM ULTIMATE TENSILE STRENGTH = 70 KSI.
2.02 GALVANIZED STEEL STEEL, INCLUDING THAT USED FOR METAL STUD AND TRACK COMPRESSION.
2.03 ALL OF THE NORTH AMERICAN SPECIFICATIONS FOR THE DESIGN OF GALVANIZED STEEL STRUCTURAL MEMBERS (ASTM A500, A595, A601, A606, A607, A608, A609, A610, A618, A624, A633, A634, A635, A636, A637, A638, A639, A640, A641, A642, A643, A644, A645, A646, A647, A648, A649, A650, A651, A652, A653, A654, A655, A656, A657, A658, A659, A660, A661, A662, A663, A664, A665, A666, A667, A668, A669, A670, A671, A672, A673, A674, A675, A676, A677, A678, A679, A680, A681, A682, A683, A684, A685, A686, A687, A688, A689, A690, A691, A692, A693, A694, A695, A696, A697, A698, A699, A700, A701, A702, A703, A704, A705, A706, A707, A708, A709, A710, A711, A712, A713, A714, A715, A716, A717, A718, A719, A720, A721, A722, A723, A724, A725, A726, A727, A728, A729, A730, A731, A732, A733, A734, A735, A736, A737, A738, A739, A740, A741, A742, A743, A744, A745, A746, A747, A748, A749, A750, A751, A752, A753, A754, A755, A756, A757, A758, A759, A760, A761, A762, A763, A764, A765, A766, A767, A768, A769, A770, A771, A772, A773, A774, A775, A776, A777, A778, A779, A780, A781, A782, A783, A784, A785, A786, A787, A788, A789, A790, A791, A792, A793, A794, A795, A796, A797, A798, A799, A800, A801, A802, A803, A804, A805, A806, A807, A808, A809, A810, A811, A812, A813, A814, A815, A816, A817, A818, A819, A820, A821, A822, A823, A824, A825, A826, A827, A828, A829, A830, A831, A832, A833, A834, A835, A836, A837, A838, A839, A840, A841, A842, A843, A844, A845, A846, A847, A848, A849, A850, A851, A852, A853, A854, A855, A856, A857, A858, A859, A860, A861, A862, A863, A864, A865, A866, A867, A868, A869, A870, A871, A872, A873, A874, A875, A876, A877, A878, A879, A880, A881, A882, A883, A884, A885, A886, A887, A888, A889, A890, A891, A892, A893, A894, A895, A896, A897, A898, A899, A900, A901, A902, A903, A904, A905, A906, A907, A908, A909, A910, A911, A912, A913, A914, A915, A916, A917, A918, A919, A920, A921, A922, A923, A924, A925, A926, A927, A928, A929,

AMERICAN MODULAR SYSTEMS
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR: ACS
 DATE: 03/22/22

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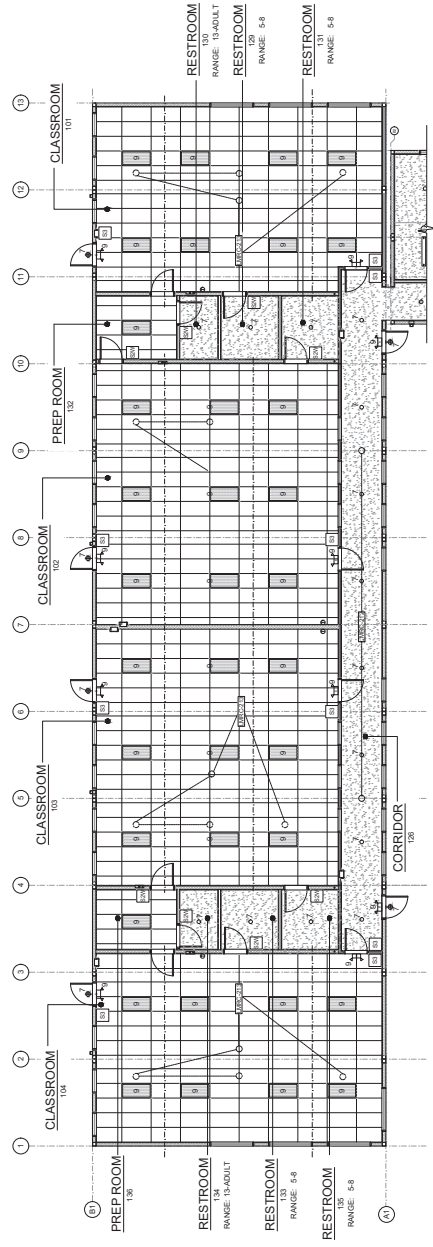
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PROJECT SITE NAME
MODULAR BUILDING
 CONSISTING OF
 40' x 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40' / (2)24' x 40' (1)144' x 40' MODULES



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 TITLE BLOCK
 DRAWN BY: JMK/A
 SCALE: AS NOTED
 CHECKED BY: JMK/A
 SHEET NO.: 09/25/22
 SHEET TITLE: LIGHTING PLAN

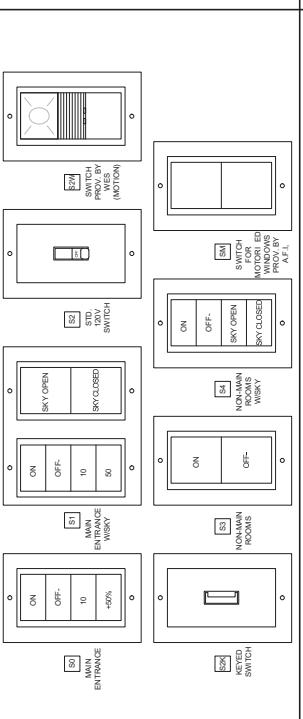
PROJECT NAME
LIGHTING PLAN
BUILDING D
 SHEET NUMBER
E1.3D



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

- LEGEND**
- DIMMING 3 RELAY
 - DIMMING 2 RELAY
 - DIMMING 1 RELAY
 - RELAY FOR SKYLIGHTS
 - PAUL LOAD CONTROLLER
 - ON/OFF RELAY CONTROLLER
 - 0T-500 DALI TECH LINE VOLTAGE
 - UT-350-1 ULTRASONIC LINE VOLTAGE
 - LMDX-100 CORNE FTD LINE VOLTAGE
 - LMS-300-L PHOTOSENSOR
 - LMDC-100 DUAL TECH OCC LV
 - LMDC-100 ULTRASONIC OCC LV

- NOTES**
- 1. DOWNLIGHT OUT LIGHT - WHERE THERE ARE TWO OR MORE EXITS, AN EXIT SIGN WITH INTEGRAL EMERGENCY LIGHTING IS REQUIRED.
 - 2. EXTERIOR LIGHT FIXTURE - EACH DOOR, LED OR E UAL (MAX SWH) - WHERE THERE ARE TWO OR MORE EXITS, A MINIMUM 90 MIN BATTERY BACKUPS IS REQUIRED.
 - 3. EXTERIOR LIGHT FIXTURE - EACH DOOR, LED OR E UAL (MAX SWH) - WHERE THERE ARE TWO OR MORE EXITS, A MINIMUM 90 MIN BATTERY BACKUPS IS REQUIRED.
 - 4. CONTROLLED SINGLE POLE LIGHT SWITCHES - MOUNT 48" AFF MAX TO TOP OF BOX - HUBBELL PREMIUM BRIGHT HEAVY DUTY, OR LISTED SPECIFICATIONS GRADE.
 - 5. 2' x 4' LED DOWNLIGHT - 40 WATT MAXIMUM (40 WATT) ALLOWABLE AT C.N. R10 OR E UAL.
 - 6. 2' x 4' LED DOWNLIGHT - 40 WATT MAXIMUM (40 WATT) ALLOWABLE AT C.N. R10 OR E UAL.
 - 7. LED DOWNLIGHT (EMERGENCY BATTERY BACK UP)



LIGHTING INFORMATION

SWITCH TYPE INFORMATION

AMERICAN MODULAR SYSTEMS
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR: ACS
 DATE: 08/09/2021

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PROJECT NAME
 24' x 40' THRU 120' x 40'
 STANDARD MODULAR BUILDING
 (LOW SEISMIC)
FORM

SITE SPECIFIC PROJECT NAME

IDENTIFICATION stamp
 APP: 02-11877 PC
 DATE: 08/09/2021

MANUFACTURED PROFESSIONAL SEAL



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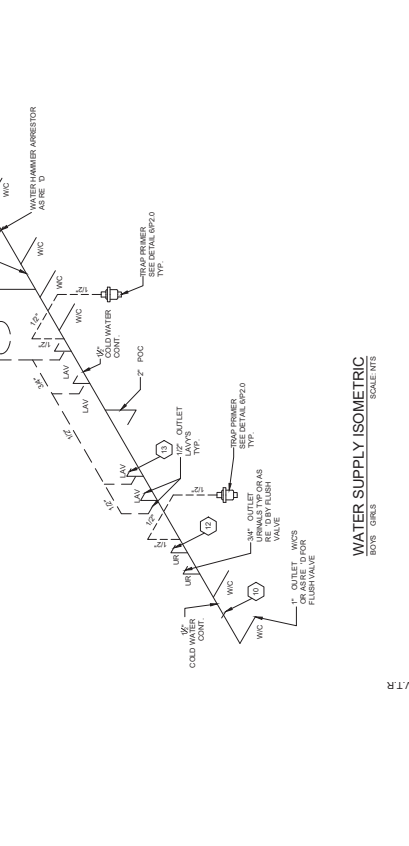
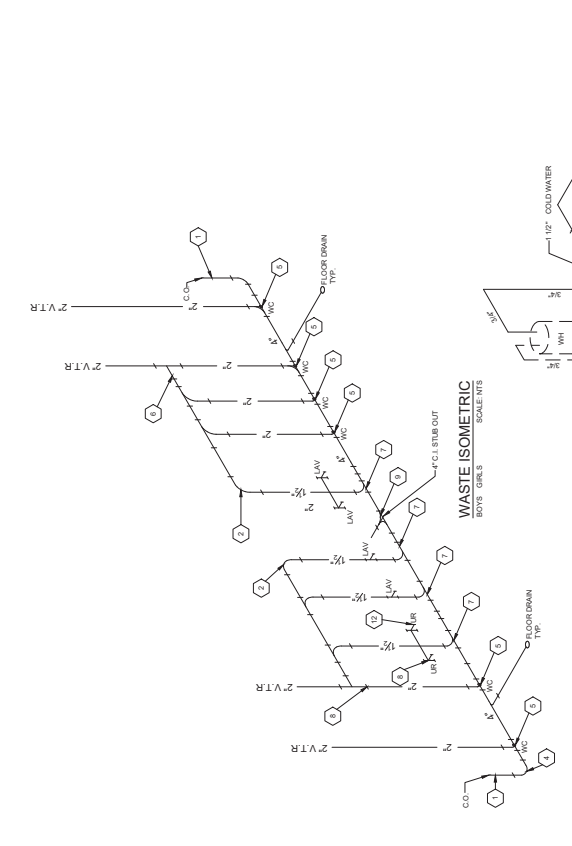
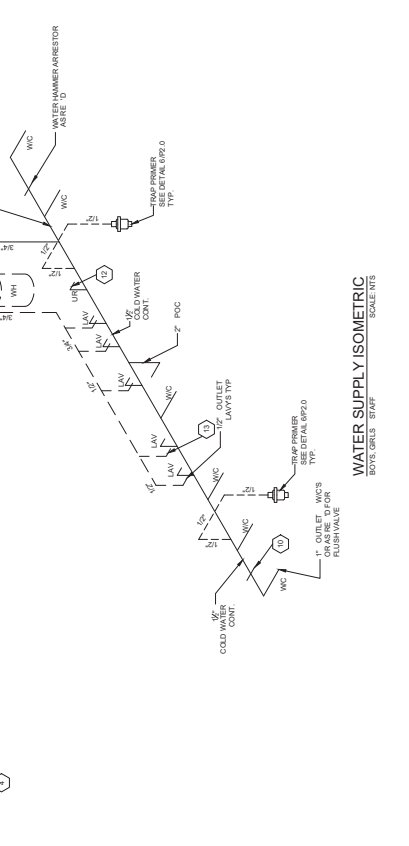
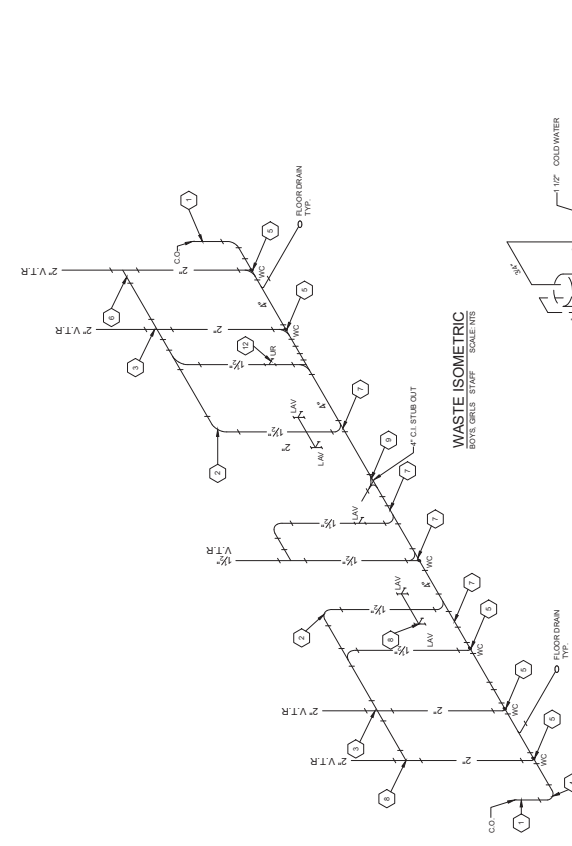
DATE: 08/09/2021

SCALE: AS NOTED

PROJECT NO: 120844

SHEET TITLE: PLUMBING ISOMETRICS DRAWINGS

SHEET NUMBER: P3.0



- KEY NOTES**
- 1 4" CLEAN OUT
 - 2 VENT 90
 - 3 VENT CROSS
 - 4 WARTER BEND
 - 5 BATH 1800 CARBEE
 - 6 2" SANITARY TAP TEE
 - 7 44% COMBINATION WYE 180 BEND
 - 8 20x4 1/2 SANITARY TEE
 - 9 2" DOUBLE COMBINATION
 - 10 2" 181" LONG CLAR CHAMBER
 - 11 1" CW STUB AT WATER CLOSETS
 - 12 3/4" CW STUB AT URINALS
 - 13 1/2" CW STUB AT LAVATOIRES

