# SANTA TERESA ELEMENTARY SCHOOL - MODULAR CLASSROOM ADDITION

A.C.

A.F.F.

ARCH.

ASSEM

BD.

BLDG.

BLK.

BLKG.

CAB.

C.B.

CEM.

CER.

C.I.

C.J.

CLR.

CLKG.

COL.

CONC

CONF.

CONN

CONT.

CORR

C.P.F.

CTSK.

CTR.

C.W.

DBL.

D.F.

DET.

DIA.

DIM.

DN.

DR.

DS.

EA.

E.J.

ELEV.

ELEC.

EQ.

EXT.

EXP.

F.A.

F.D.

FDN.

F.E.

F.H.

FIN.

F.F.

F.P.

FT.

GA.

GALV.

G.W.B.

G.B.

G.I.

FHWS

(E)

DWG.

ACCESS.

## SANTA CLARA COUNTY OFFICE OF EDUCATION 6200 ENCINAL DR., SAN JOSE, CALIFORNIA 95119

GYPSUM

INCH

HOSE BIB

INSIDE DIAMETER

MANUFACTURER

**MISCELLANEOUS** 

NOT APPLICABLE

NOT TO SCALE

ON CENTER

OPPOSITE

FASTENER

PAPER TOWEL

DISPENSER

ROOF DRAIN

REQUIRED

DRAWINGS

SECTION

SHEET

STEEL

STRUCT. STRUCTURAL

SIMILAR

SOLID CORE

SOAP DISPENSER

SPECIFICATION

SEE STRUCTURAL

STANDARD

DRAWINGS

TOP OF CURB

TELEPHONE

TOP OF PARAPET

TOILET PAPER

DISPENSER

TOP OF WALL

TYPICAL

NOTED

WITH

WOOD

WITHOUT

TOP OF PAVEMENT

**UNLESS OTHERWISE** 

**VERIFY IN FIELD** 

WATER CLOSET

WATERPROOF

WATER RESISTANT

WEATHER STRIPPING

REFRIGERATOR

**REFLECTED CEILING** 

RAIN WATER LEADER

SEE ARCHITECTURAL

SHEET METAL SCREW

PAVING

PLATE

RADIUS

ROOM

PLAN

REVEAL

NOT IN CONTRACT

**OUTSIDE DIAMETER** 

POWDER DRIVEN

INFORMATION

INSULATION

LAVATORY

MAXIMUM

MAN HOLE

MINIMUM

NEW

METAL

GYP.

H.B.

INFO.

INSUL.

LAV.

MAX.

MTL.

MFR.

M.H.

MIN.

(N)

N/A

N.I.C.

N.T.S.

0.C.

O.D.

OPP.

PAV.

P.D.F.

PL.

P.T.D.

RAD.

REF.

RM.

R.D.

REQ.

RVL.

R.W.L.

S.A.D.

S.C.

S.D.

SEC.

SHT.

SIM

S.M.S.

SPEC.

STD.

STL.

S.S.D.

T.C.

TEL

T.O.P.

T.P.

T.P.D.

T.W.

TYP

U.O.N.

V.I.F.

W.C.

WD.

W/O

W.P.

W.R.

W.S.

W/

R.C.P.

MISC.

I.D.

IN

## **GENERAL NOTES**

- EXISTING CONSTRUCTION DATA SHOWN ON THE DRAWINGS WAS OBTAINED FROM AVAILABLE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE ARCHITECT OF ALL EXCEPTIONS BEFORE PROCEEDING WITH THE WORK.
- SEE ARCHITECTURAL DRAWINGS FOR LAYOUT DIMENSIONS AND ELEVATIONS EXCEPT WHERE INDICATED OTHERWISE
- ALL DISCREPANCIES BETWEEN DRAWINGS SHALL BE CLARIFIED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH WORK. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION
- ARE NOT FULLY SHOWN OR DETAILED ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR
- DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED ON THE JOB SITE BY EACH CONTRACTOR. ERRORS. OMMISIONS OR DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE WORK BEGINS OR SUPPLIES ARE ORDERED
- VERIFY ELECTRICAL, MECHANICAL, FIRE ALARM, TELEPHONE AND SECURITY REQUIREMENTS BEFORE CONSTRUCTION BEGINS.
- WORK SHALL BE PERFORMED IN CONFORMANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES, LAWS, AND REGULATIONS APPLICABLE TO THIS WORK.
- SEPARATE APPLICATION MAY BE REQUIRED FOR ALL N.I.C. ITEMS NOT PART OF DSA APPROVAL
- PURSUANT TO CCR TITLE 19, SUBCHAPTER 1, ARTICLE 3.05-ACCESS ROADS AND ARTICLE 3.16-GATE ENTRANCES TO SCHOOL GROUNDS: IT IS NECESSARY TO PROVIDE FIRE & LIFE SAFETY AT DSA WITH WRITTEN CERTIFICATION FROM THE LOCAL FIRE AUTHORITY THAT THE ABOVE SECTIONS ARE BEING MET TO THEIR SATISFACTION. IT IS NECESSARY TO PROVIDE THIS INFORMATION PRIOR TO RECEIVING APPROVAL BY FIRE & LIFE SAFETY. IF FURTHER INFORMATION IS DESIRED, PLEASE CONTACT FIRE & LIFE SAFETY AT (510) 622-3101.
- 10. ANY ITEM IDENTIFIED TO BE DEMOLISHED, REMOVED OR RELOCATED IS TO BE COMPLETELY REMOVED, INCLUDING BUT NOT LIMITED TO ANY CONCEALED ITEMS (PIPES, CURBS, FRAMING, BEAMS, FASTENERS, ETC.), ALL ITEMS WITHIN A DEMOLISHED AREA THAT MUST BE REROUTED IN ORDER TO MAINTAIN CONTINUITY SHALL BE DONE SO IN ACCORDANCE WITH APPROPRIATE SPECIFICATION SECTIONS IN THE PROJECT MANUAL NO ADDITIONAL COST. IF NO SPECIFICATION CAN BE FOUND WITHIN THE PROJECT MANUAL, THEN CONTINUITY SHALL BE MAINTAINED BY CURRENT STANDARD METHODS FOR CONSTRUCTION BUT NOT LESSER IN QUALITY THEN EXISTING. ANY AREA OF DEMOLITION OR REMOVAL SHALL BE LEFT IN A COMPLETELY FINISHED CONDITION AS OUTLINED IN THE PROJECT MANUAL.
- 11. ALL CASE WORK TO BE ATTACHED TO WALLS AND FLOORS AS INDICATED ON DRAWINGS. IF NO SPECIFIC DETAIL IS REFERENCED, USE THE DETAILS REFERENCED FOR SIMILAR CONDITIONS ON OTHER CASEWORK.
- 12. FOOD HANDLING FACILITIES SHALL COMPLY WITH LOCAL/ COUNTY HEALTH DEPARTMENT REQUIREMENTS.
- 13. ALL ITEMS LISTED AS N.I.C. ARE NOT PART OF THIS DSA APPROVAL

## **GOVERNING CODES**

2013 CALIFORNIA ADMINISTRATIVE CODE, PART I, TITLE 24 CCR 2013 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24 CCR

(2012 IBC WITH 2013 CALIFORNIA AMENDMENTS) 2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR

(2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS) 2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR

(2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2011 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)

2013 CALIFORNIA ENERGY CODE (CENC), PART 6, TITLE 24 CCR

2013 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2012 INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA

AMENDMENTS) 2013 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 CCR

(2012 INTERNATIONAL EXISTING BUILDING CODE & 2013 CALIFORNIA AMENDMENTS)

2013 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 CCR

(PENDING ADOPTION)

2013 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR

TITLE 19 C.C.R., PUBLIC SAFETY, SFM REGULATIONS

2013 NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS 2013 NFPA 14 INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS

2013 NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2013 NFPA 17A TO A UL 300 CLASS I HOOD FIRE SUPPRESSION SYSTEM. (WET CHEMICAL EXTINGUISHING SYSTEMS)

2013 NFPA 20 INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION

2013 NFPA 24 INSTALLATION OF PRIVATE SERVICE MAINS AND THEIR APPURTENANCES

2013 NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

## **ADMINISTRATIVE** REQUIREMENTS

- A COPY OF PARTS 1-5 AND 9, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
- . CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24.
- 3. TESTS OF MATERIALS SHALL AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY COSTS OF RE-TEST SHALL BE PER GENERAL CONDITIONS.
- DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.
- INSPECTOR SHALL BE APPROVED BY DSA AND EMPLOYED BY DISTRICT. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN
- ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24.
- 6. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.
- CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM SSS-6) IN ACCORDANCE WITH SECTIONS 4-335 AND 4-343, PART 1, TITLE 24
- THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341, PART 1, TITLE 24.
- 10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN
- ACCORDANCE WITH SECTIONS 4-335 AND 4-343, PART1, TITLE 24 THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR **RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24** CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
- 12. CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE & LIFE SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN LET SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (CCD) AS REQUIRED IN SECTION 4-338, PART 1, CAC, AND SHALL BE SUBMITTED TO BE APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. CONSTRUCTION CHANGE DOCUMENTS (CCD'S) SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION REGULATION IR

2006 NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS

2012 NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2007 ASME 17.1 ELEVATOR STANDARD **REFERENCE CODE SECTIONS APPLICABLE STANDARDS - 2013 CBC** CHAPTER 35 AND

2013 CFC CHAPTER 80

AMERICAN WITH DISABILITIES ACT AND 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN 28 CFR PART 35 APPENDIX A

PATH OF TRAVEL DEFINITION

Accessible path of travel as indicated on plan is a barrier free access route without any abrupt level changes exceeding 1/2" if beveled at 1:2 maximum slope, or vertical level changes not exceeding 1/4" maximum and at least 48" in width. Surface is stable, firm, and slip resistant. Cross slope shall not be steeper than 1:48 and slope in the direction of travel shall not be steeper than 1:20. Accessible path of travel shall be maintained free of overhanging obstructions to 80" minimum and protruding objects greater than 4" projection from wall and above 27" and less than 80". Architect shall verify that there are no barriers in the path of travel.

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

## ABBREVIATIONS

ACCESSIBLE

ASSEMBLY

BUILDING

**BLOCKING** 

CABINET

CEMENT

CLEAR

CERAMIC

CAST IRON

CAULKING

COLUMN

CONCRETE

CONFERENCE

CONNECTION

CONTINUOS

CORRIDOR

CEMENT PLASTER

DRINKING FOUNTAIN

FINISH SYSTEM

COUNTERSINK

COLD WATER

CENTER

DOUBLE

DETAIL

DOWN

DOOR

EACH

EQUAL

EXISTING

**EXTERIOR** 

**EXPANSION** 

FIRE ALARM

**FLOOR DRAIN** 

FOUNDATION

**FIRE HYDRANT** 

**FINISH FLOOR** 

GALVANIZED

GRAB BAR

SCREW

FINISH

FOOT

GAUGE

FIRE EXTINGUISHER

FLAT HEAD WOOD

FIRE PROTECTION

GALVANIZED IRON

GYPSUM WALL BOARD

DIAMETER

DIMENSION

DOWNSPOUT

EXPANSION JOINT

DRAWING

**ELEVATION** 

ELECTRICAL

CONTROL JOINT

**CATCH BASIN** 

BOARD

BLOCK

ARCHITECTURAL

ASPHALT CONCRETE

ABOVE FINISH FLOOR

## SCOPE OF WORK

DSA submittal includes, but is not limited to, the following:

ADDITION OF A NEW PORTABLE & ASSOCIATED SITE WORK.

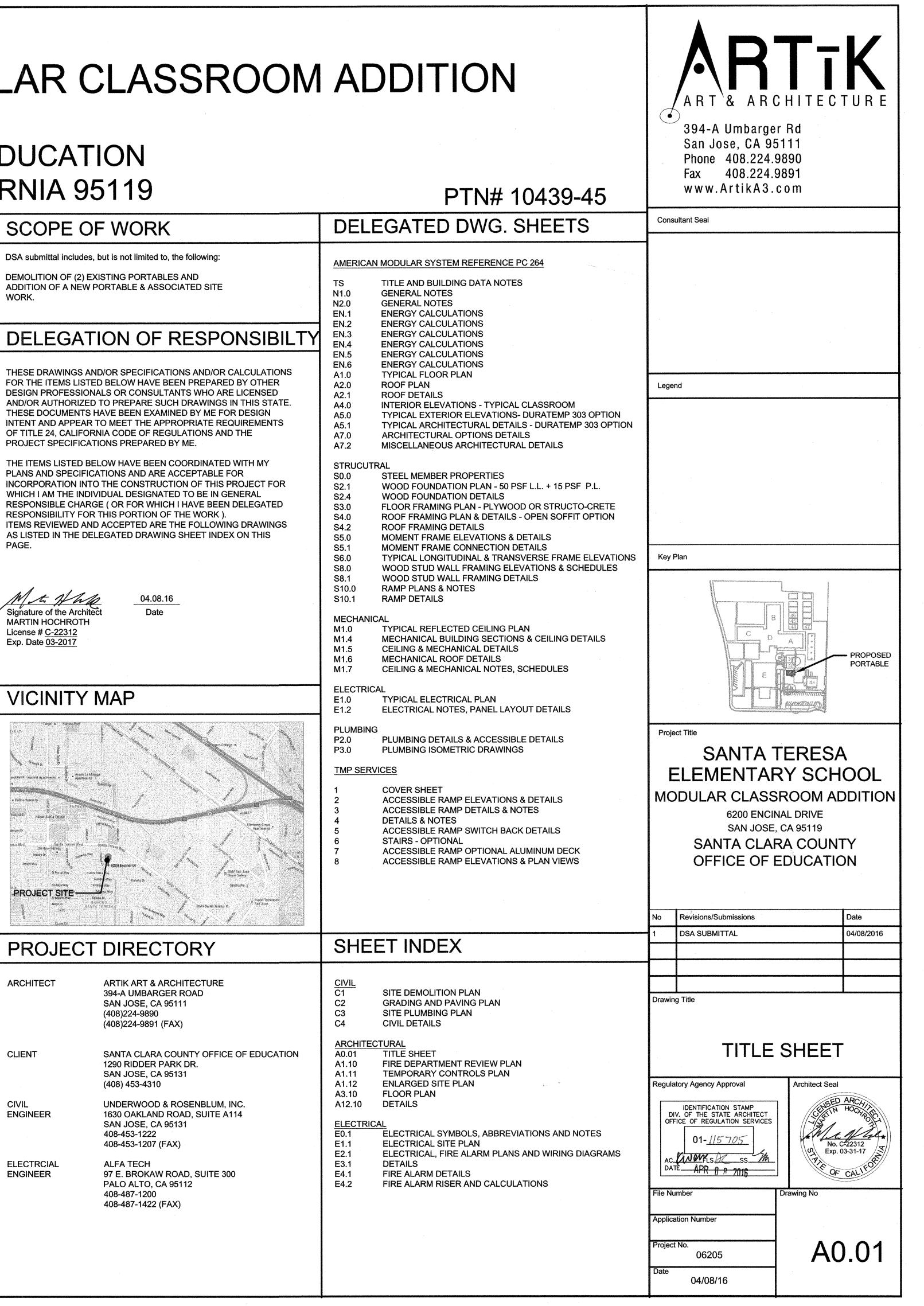
## DELEGATION OF RESPONSIBILTY

FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME FOR DESIGN INTENT AND APPEAR TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME.

THE ITEMS LISTED BELOW HAVE BEEN COORDINATED WITH MY PLANS AND SPECIFICATIONS AND ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE ( OR FOR WHICH I HAVE BEEN DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK ). ITEMS REVIEWED AND ACCEPTED ARE THE FOLLOWING DRAWINGS AS LISTED IN THE DELEGATED DRAWING SHEET INDEX ON THIS PAGE.

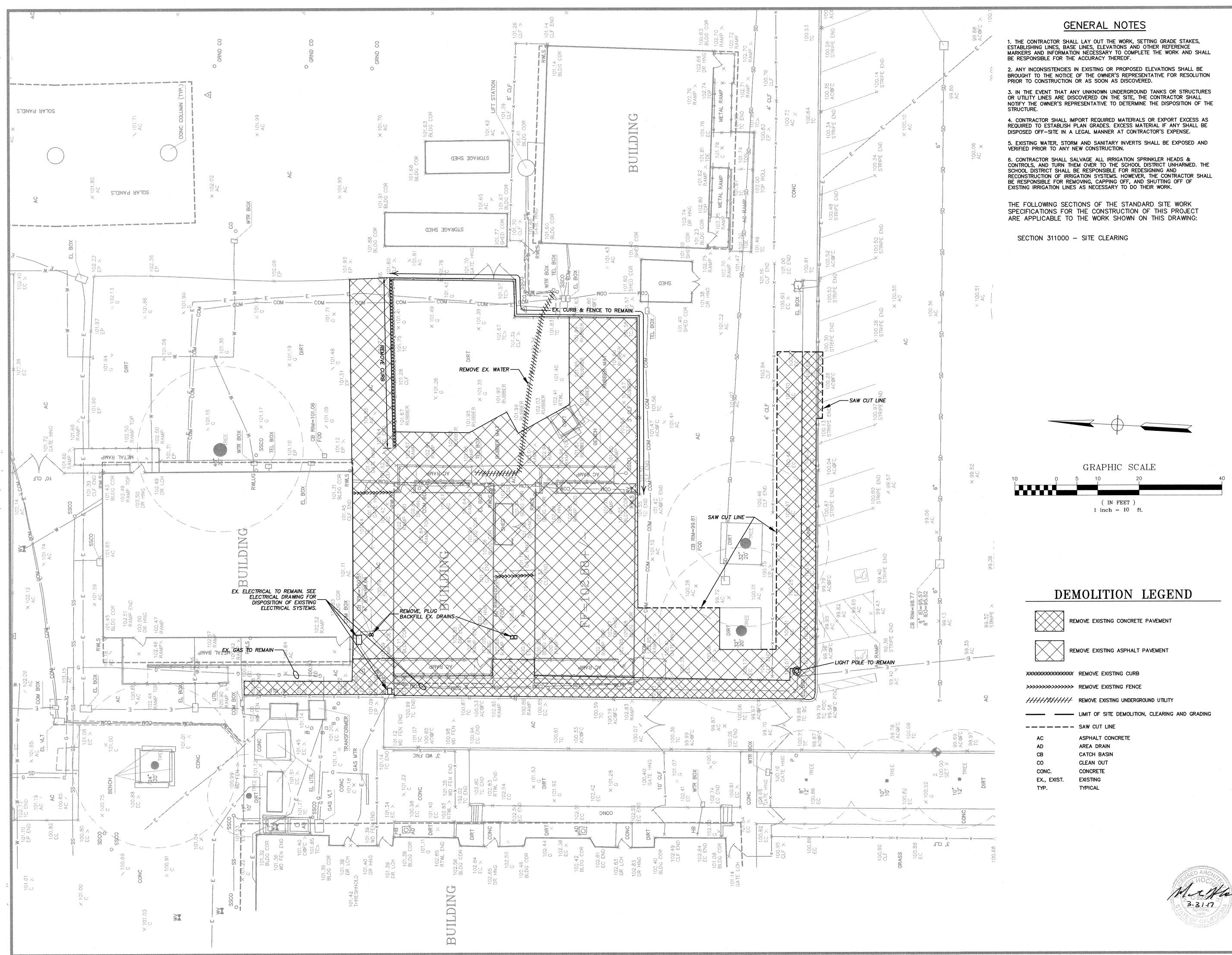
Signature of the Architect MARTIN HOCHROTH License # C-22312 Exp. Date 03-2017

## VICINITY MAP



## SYMBOL LEGEND

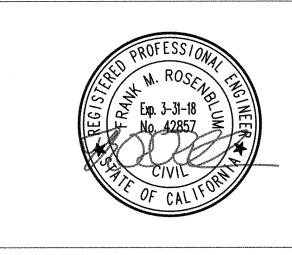
	ROOM IDENTIFICATION			ARCHITECT	ARTIK ART & ARCHITECTURE
CLASSROOM	Room Name		GRID IDENTIFICATION	ARONITEOT	394-A UMBARGER ROAD SAN JOSE, CA 95111
A101 A8.01	Room Number				(408)224-9890 (408)224-9891 (FAX)
	Sheet # Where Interior Elevations are Located	1 A7.01	BUILDING SECTION		(,
		Ar.ot		CLIENT	SANTA CLARA COUNTY OFFICE OF EDUCATION 1290 RIDDER PARK DR.
	DEMOLITION KEY NOTE NUMBER				SAN JOSE, CA 95131 (408) 453-4310
01	KEY NOTE NUMBER	$\left(\begin{array}{c}1\\2\end{array}\right)$		CIVIL	UNDERWOOD & ROSENBLUM, INC.
Â	PARTITION TYPE		DETAIL CUT	ENGINEER	1630 OAKLAND ROAD, SUITE A114 SAN JOSE, CA 95131
36⁄34	CASEWORK	$\sim$	DETALE OUT		408-453-1222 408-453-1207 (FAX)
30° 34 100 24	IDENTIFICATION	$\langle \rangle$	REVISION	ELECTRCIAL ENGINEER	ALFA TECH 97 E. BROKAW ROAD, SUITE 300
+ 10'-0"	CEILING HEIGHT		1	ENGINEER	97 E. BRORAW ROAD, SOTTE 300 PALO ALTO, CA 95112 408-487-1200
L	02.2				408-487-1422 (FAX)
	WINDOW TYPE				
(A101.1)	DOOR IDENTIFICATION	$/$ $N$	NORTH ARROW		
	CONTROL POINT				





Phone 408.224.9890 Fax 408.224.9891 www.ArtikA3.com

Consultant Seal

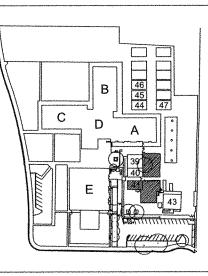


Legend



**NOSENBLUM, INC.** civil engineers and surveyors 1630 Oakland Road, Suite A114, San Jose, CA 95131 (408) 453-1222 www.uandr.com PLOT DATE: 4-7-2016

Key Plan



#### Project Title

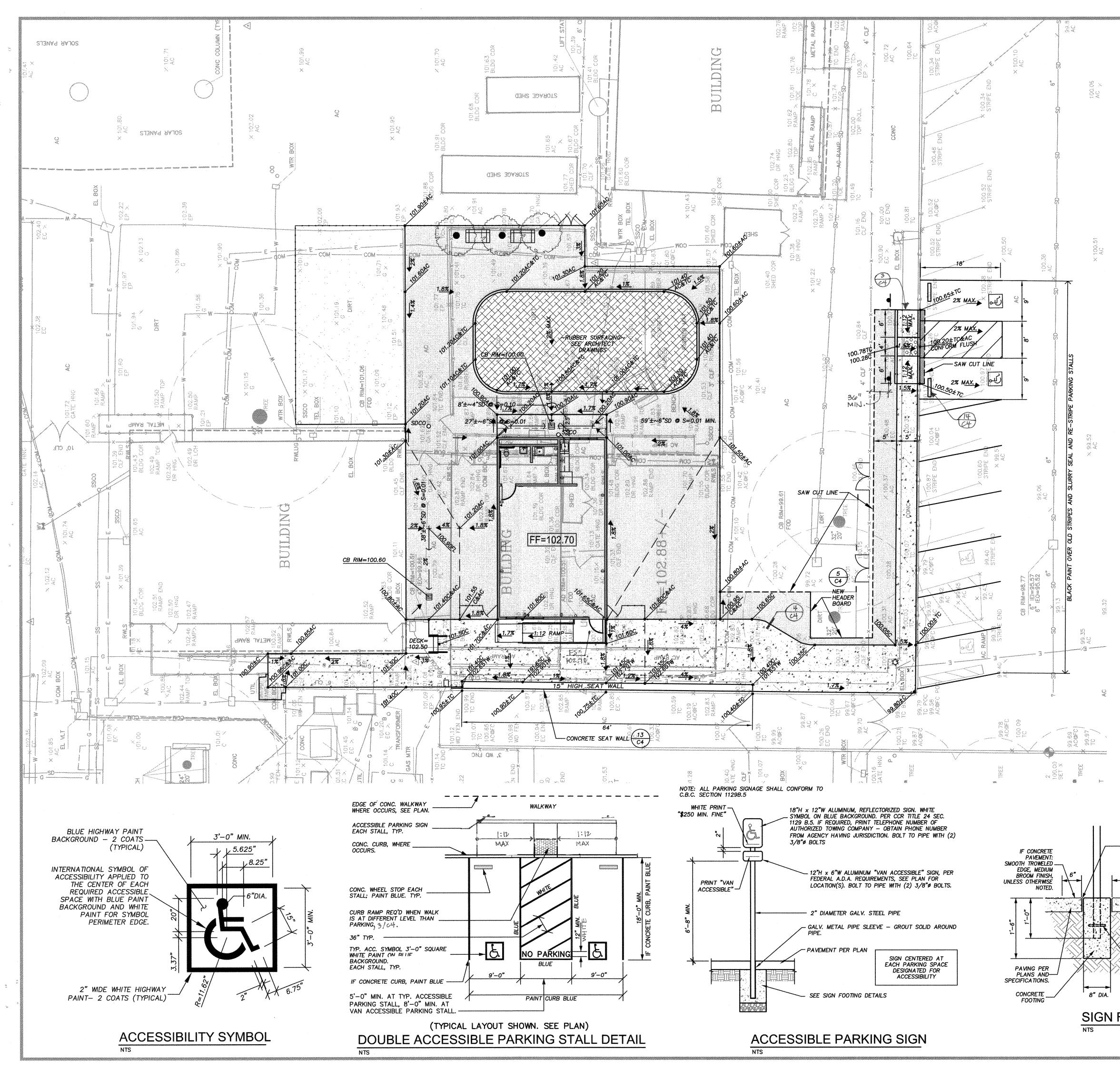
## SANTA TERESA ELEMENTARY SCHOOL MODULAR CLASSROOM ADDITION 6200 ENCINAL DRIVE

SAN JOSE, CA 95119 SANTA CLARA COUNTY OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	04/08/2016
Drawing	g Title	

## SITE DEMOLITION PLAN

Regulatory Agency Approval	rchitect Seal
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 01-115705 ACFLSS DATEAPR08_2016	MSED ARCH AM E. GEB 
File Number	Drawing No
Application Number	01
Project No. 135135	C1
Date 04/08/16	



1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADESTAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.

2. ANY INCONSISTENCIES IN EXISTING OR PROPOSED ELEVATIONS SHALL BE BROUGHT TO THE NOTICE OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION OR AS SOON AS DISCOVERED.

3. IN THE EVENT THAT ANY UNKNOWN UNDERGROUND TANKS OR STRUCTURES OR UTILITY LINES ARE DISCOVERED ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE TO DETERMINE THE DISPOSITION OF THE STRUCTURE.

4. CONTRACTOR SHALL IMPORT REQUIRED MATERIALS OR EXPORT EXCESS AS REQUIRED TO ESTABLISH PLAN GRADES. EXCESS MATERIAL IF ANY SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.

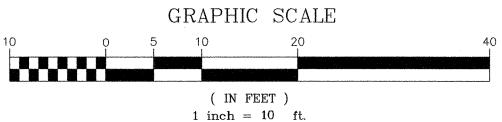
5. EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.

6. CONTRACTOR SHALL SALVAGE ALL IRRIGATION SPRINKLER HEADS & CONTROLS, AND TURN THEM OVER TO THE SCHOOL DISTRICT UNHARMED. THE SCHOOL DISTRICT SHALL BE RESPONSIBLE FOR REDESIGNING AND RECONSTRUCTION OF IRRIGATION SYSTEMS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, CAPPING OFF, AND SHUTTING OFF OF EXISTING IRRIGATION LINES AS NECESSARY TO DO THEIR WORK.

THE FOLLOWING SECTIONS OF THE STANDARD SITE WORK SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT ARE APPLICABLE TO THE WORK SHOWN ON THIS DRAWING:

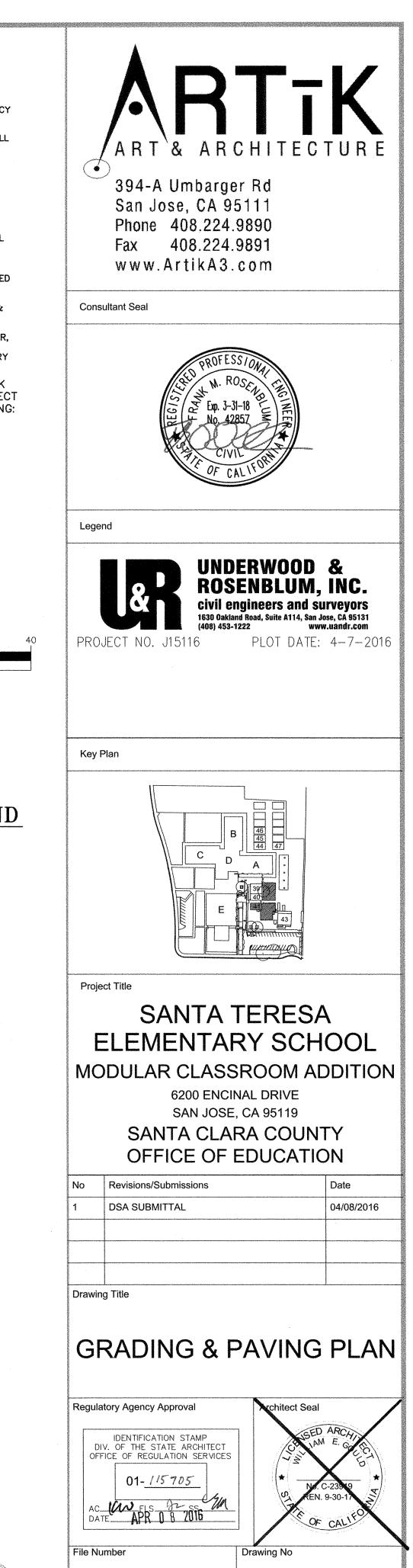
SECTION 311000 - SITE CLEARING SECTION 312000 - EARTHMOVING SECTION 321312 - CONCRETE PAVING SECTION 321309 - REINFORCING STEEL





## GRADING & PAVING LEGEND

NEW CONCRETE SLAB • • • • • • (4" REINFORCED PCC ON 4" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%)) 4 4 46 NEW AC PAVEMENT (3" AC ON 6" CLASS 2 AB ON 3" ON 6" 6" RECOMPACTED SUBGRADE (95%)) LIMIT OF GRADING SAW CUT LINE DRAINAGE FLOW LINE GRADE BREAK LINE RIDGE LINE ---RASPHALT CONCRETE AC PORTLAND CEMENT CONCRETE C, PCC, CONC. 目 CB CATCH BASIN O COTG/SDCO/SSCO CLEAN OUT TO GRADE EX., EXIST. EXISTING FINISH FLOOR FLOW LINE GROUND GRADE BREAK TOP OF CURB TYF TYPICAL IF INSTALLED IN CONCRETE PAVEMENT, PROVIDE ASPHALT IMPREGNATED 2" DIA. GALV. \_STEEL TUBE SIGN POST, TYP. - MINERAL BD. W/ JOINT CAPS. REMOVE JOINT CAPS AFTER CONC. POUR & FILL FINISHED W/ SEALANT. GRADE E KE. - STEEL PIN, CONCRETE FOOTING 12" DIA. SIGN FOOTING DETAILS 3-31-17



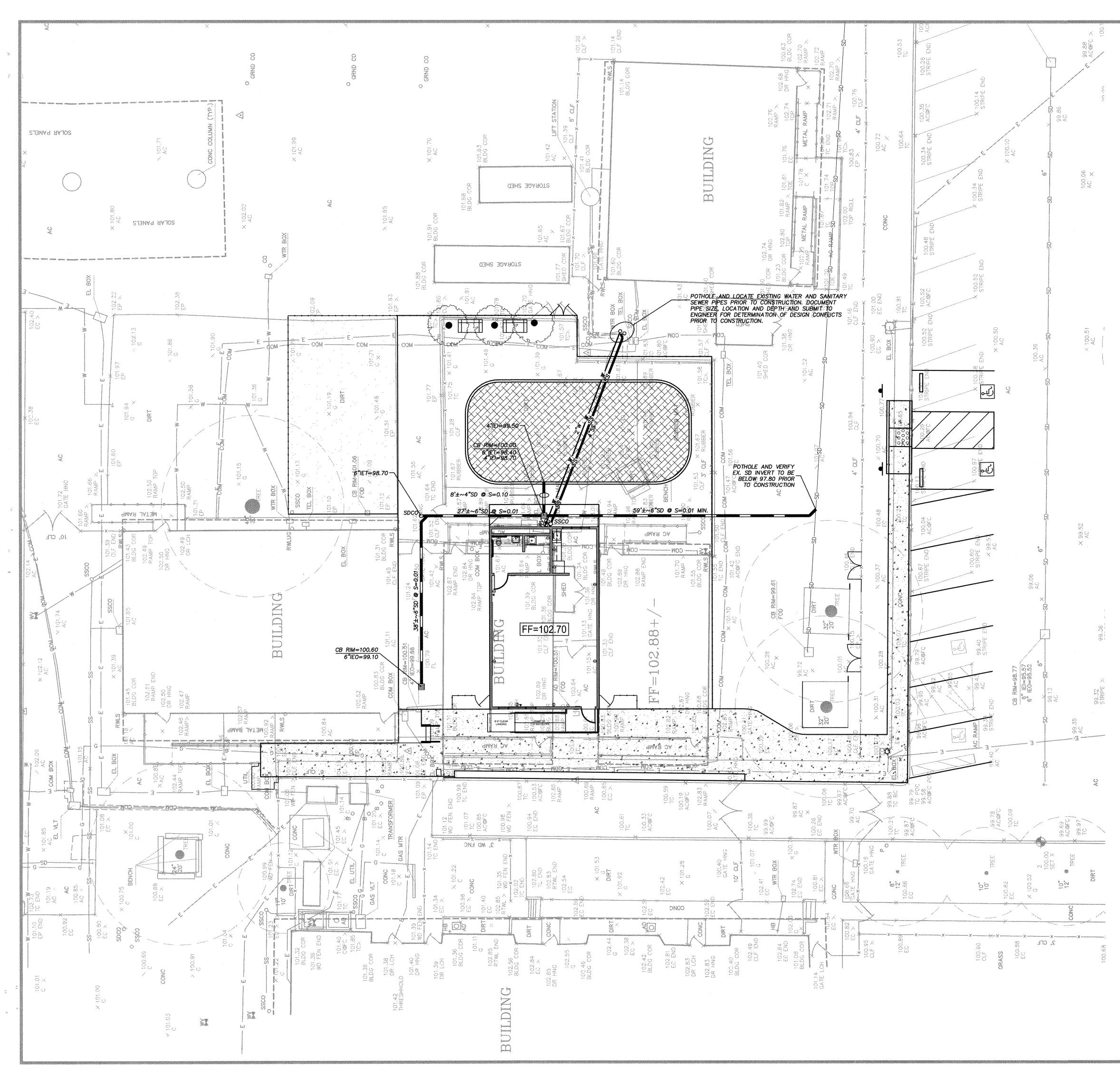
Application Number

135135

04/08/16

Project No

**C2** 



1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADE STAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.

2. ANY INCONSISTENCIES IN EXISTING OR PROPOSED ELEVATIONS SHALL BE BROUGHT TO THE NOTICE OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION OR AS SOON AS DISCOVERED.

3. IN THE EVENT THAT ANY UNKNOWN UNDERGROUND TANKS OR STRUCTURES OR UTILITY LINES ARE DISCOVERED ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE TO DETERMINE THE DISPOSITION OF THE STRUCTURE.

4. CONTRACTOR SHALL IMPORT REQUIRED MATERIALS OR EXPORT EXCESS AS REQUIRED TO ESTABLISH PLAN GRADES. EXCESS MATERIAL IF ANY SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.

5. EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION. 6. PLUMBING CONTRACTOR TO PROVIDE TRACER WIRES ON ALL BURIED PLASTIC

PIPING 7. VALVE BOXES TO BE CHRISTY 10"x17" WITH BALL VALVES. BALL VALVES TO BE SET 12" BELOW GRADE. WATER LINES TO BE SET 24" BELOW GRADE.

8. WHEN WATER AND SEWER LINES ARE INSTALLED IN JOINT TRENCH, WATER LINES TO BE SET MINIMUM 1' HIGHER THAN SEWER LINES WITH MINIMUM 1' HORIZONTAL CLEARANCE.

9. UTILITY POINTS OF CONNECTION ARE 5' OUTSIDE OF BUILDING. SEE MECHANICAL AND PLUMBING DRAWINGS FOR UTILITY CONNECTION.

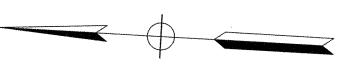
10. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF LOCATIONS OF ALL EXISTING UTILITIES IN THE FIELD.

11. ALL UTILITY TRENCHES SHOULD BE BACKFILLED WITH COMPACTED FILL IN ACCORDANCE WITH LOCAL REQUIREMENTS OR THE RECOMMENDATIONS IN THE SOILS REPORT. FILL MATERIAL SHOULD BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS AND SHOULD BE COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION (ASTM D-1557, LATEST EDITION) BY MECHANICAL MEANS ONLY, EXCEPT WHERE LOCAL REQUIREMENTS SPECIFY HIGHER REQUIREMENTS. IF IMPORTED SAND IS USED AS BACKFILL, THE UPPER THREE FEET IN BUILDING AND PAVEMENT AREAS SHALL BE COMPACTED TO 95 PERCENT. THE UPPER 6 INCHES OF BACKFILL IN ALL PAVEMENT AREAS SHALL BE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION.

12. CONTRACTOR SHALL SALVAGE ALL IRRIGATION SPRINKLER HEADS & CONTROLS, AND TURN THEM OVER TO THE SCHOOL DISTRICT UNHARMED. THE SCHOOL DISTRICT SHALL BE RESPONSIBLE FOR REDESIGNING AND RECONSTRUCTION OF IRRIGATION SYSTEMS. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, CAPPING OFF, AND SHUTTING OFF OF EXISTING IRRIGATION LINES AS NECESSARY TO DO THEIR WORK.

THE FOLLOWING SECTIONS OF THE STANDARD SITE WORK SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT ARE APPLICABLE TO THE WORK SHOWN ON THIS DRAWING:

SECTION	312333 -	TRENCHING & BACKFILLING
SECTION	331100 -	WATER UTILITY DISTRIBUTION PIPING
SECTION	333000 -	SEWAGE UTILITIES
SECTION	334100 -	STORM UTILITY DRAINAGE PIPING



GRAPHIC SCALE

( IN FEET )1 inch = 10 ft.

## PLUMBING LEGEND

		NEW STORM DRAIN SIZE AND SLOPE AS INDICATED
		NEW RAIN WATER LEADER @ S=0.02 MIN. SIZE AND SLOPE AS INDICATED
SS		NEW SANITARY SEWER (SIZE AS INDICATED) S=0.01 UNLESS OTHERWISE INDICATED
W	2007/00/2012/00/2012/00/2012/00/2012/2012	NEW WATER LINE (SIZE AS INDICATED)
⊜	AD	AREA DRAIN
目	СВ	CATCH BASIN
۲	RWL	RAIN WATER LEADER
0	COTG/SDCO/SSCO	CLEAN OUT TO GRADE
	WV	WATER VALVE
	D.I.P.	DUCTILE IRON PIPE
	EX., EXIST.	EXISTING
	FF	FINISH FLOOR
	HDPE	HIGH DENSITY POLYETHYLENE PIPE
	INV	INVERT ELEVATION
	IEI	INVERT ELEVATION IN
	IEO	INVERT ELEVATION OUT
	IET	INVERT ELEVATION THROUGH
	PVC	POLYVINYL CHLORIDE
	RCP	REINFORCED CONCRETE PIPE
	SS	SANITARY SEWER
	SD	STORM DRAIN
	TYP.	TYPICAL

WATER

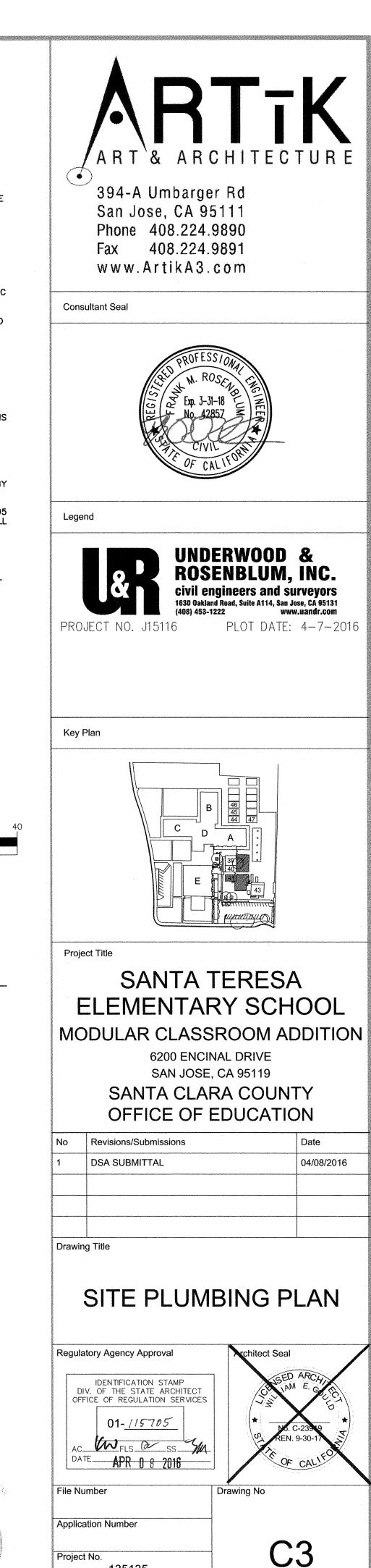


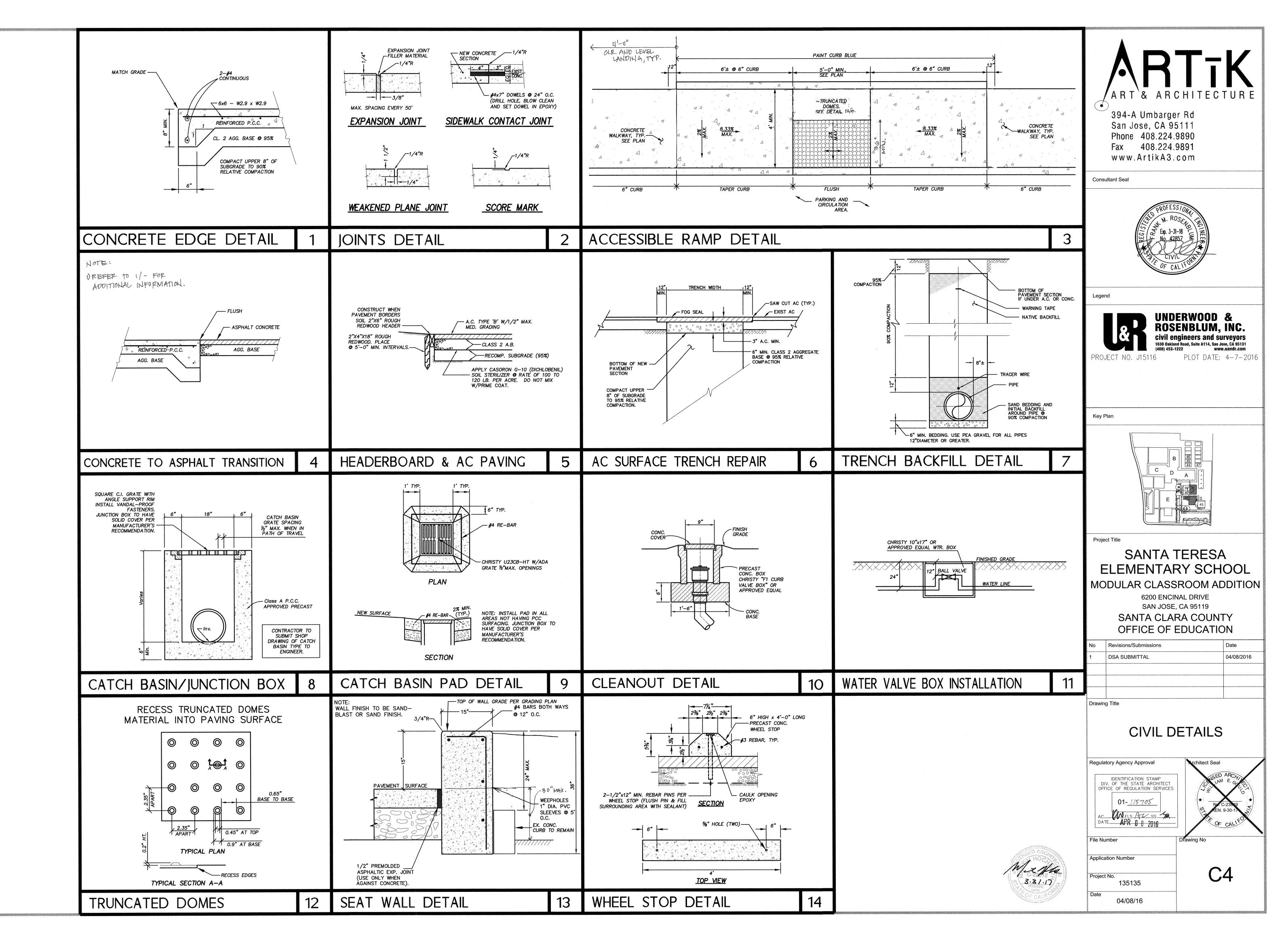
Project No.

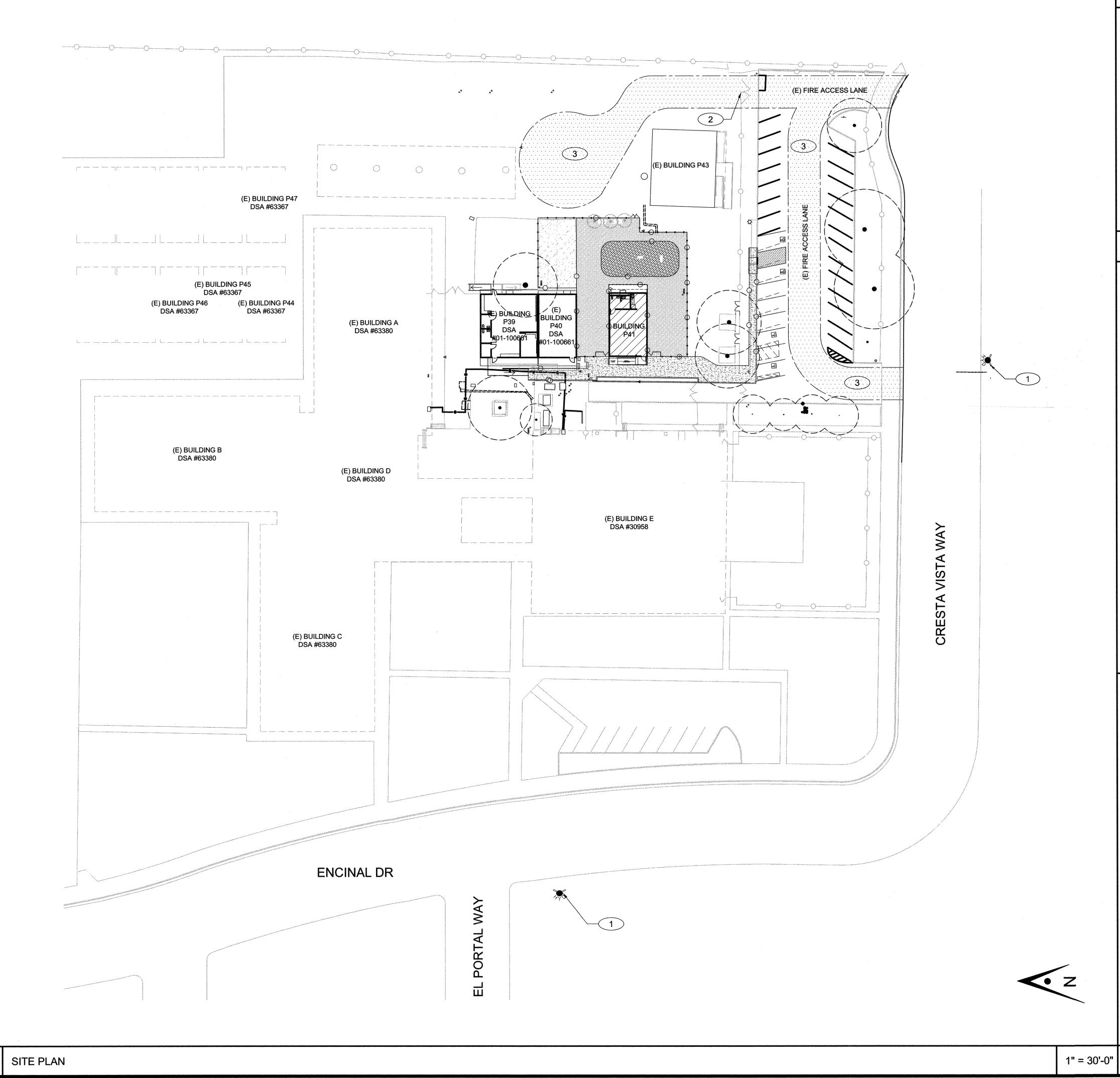
Date

135135

04/08/16







- TYPICAL, EXISTING TO REMAIN U.O.N.; PROTECT ALL WORK TO BE REINSTALLED. ANY DAMAGE SHALL BE REPAIRED/ REPLACED TO OWNER'S SATISFACTION.
- 2. SEE CIVIL AND ELECTRICAL DWGS. FOR ADDITIONAL REQUIREMENTS.
- 3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
- 4. CONTRACTOR TO FIELD VERIFY EXTENT OF ALL DEMOLITION REQUIRED TO ACCOMMODATE CONSTRUCTION.
- 5. CONTRACTOR TO PROTECT ALL (E) SITE FEATURES FROM DAMAGE INCLUDING BUT NOT LIMITED TO, STRUCTURES, UTILITIES, TREES, LANDSCAPING, AND SITE WORK.

# ART`& ARCHITECTURE 6)

394-A Umbarger Rd San Jose, CA 95111 Phone 408.224.9890 Fax 408.224.9891 www.ArtikA3.com

Consultant Seal

**KEY NOTES** 

- (E) FIRE HYDRANT
- (E) 16'-0" WIDE CHAIN LINK GATE.
- (E) FIRE ACCESS PATHWAY

	Leger	nd	en de anne en detante mainemenatementeret.	
		۵	FIRE HYDRANT	
		, <b>₩</b> , (E)		
		• • • • • • • • • • • • (E) •	CHAIN LINK FENCE.	
		MAI	E LANE NTAIN AT ALL TIME NSTRUCTION.	S DURING
	Key F	Plan		
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	Droio	et Title		
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010		6200 ENCI	NAL DRIVE	DITION
810		SAN JOSE	, CA 95119 <b>RA COUN</b> T	ΓY
ject, DSA requires datory for projects al information, see		OFFICE OF	EDUCATIO	ON
	No	Revisions/Submissions		Date
DITION	1	DSA SUBMITTAL	1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 - 1019 -	04/08/2016
				· ·
ATE ENGINEER 15-7698	Drawing	g Title		
e: 4/57/6 tion 8) Y N NA NR		FIRE DEP REVIEW		
	Regula	tory Agency Approval	Architect Seal	ARCO
e: Yes XIND	DIV OFF AC_ DAT	IDENTIFICATION STAMP V. OF THE STATE ARCHITECT ICE OF REGULATION SERVICES 01- <u>//5705</u> FLS AC SS M FLS AC SS M APR 8 8 2016	No. C ST F.H. OF	HOCH 10 10 222312 03-31-17 CALLFORM
7A.)	File Nu		Drawing No	
	Applica	tion Number		
Page 1 of 1 ATE OF CALIFORNIA	Project	No. 06205	A1.	.10

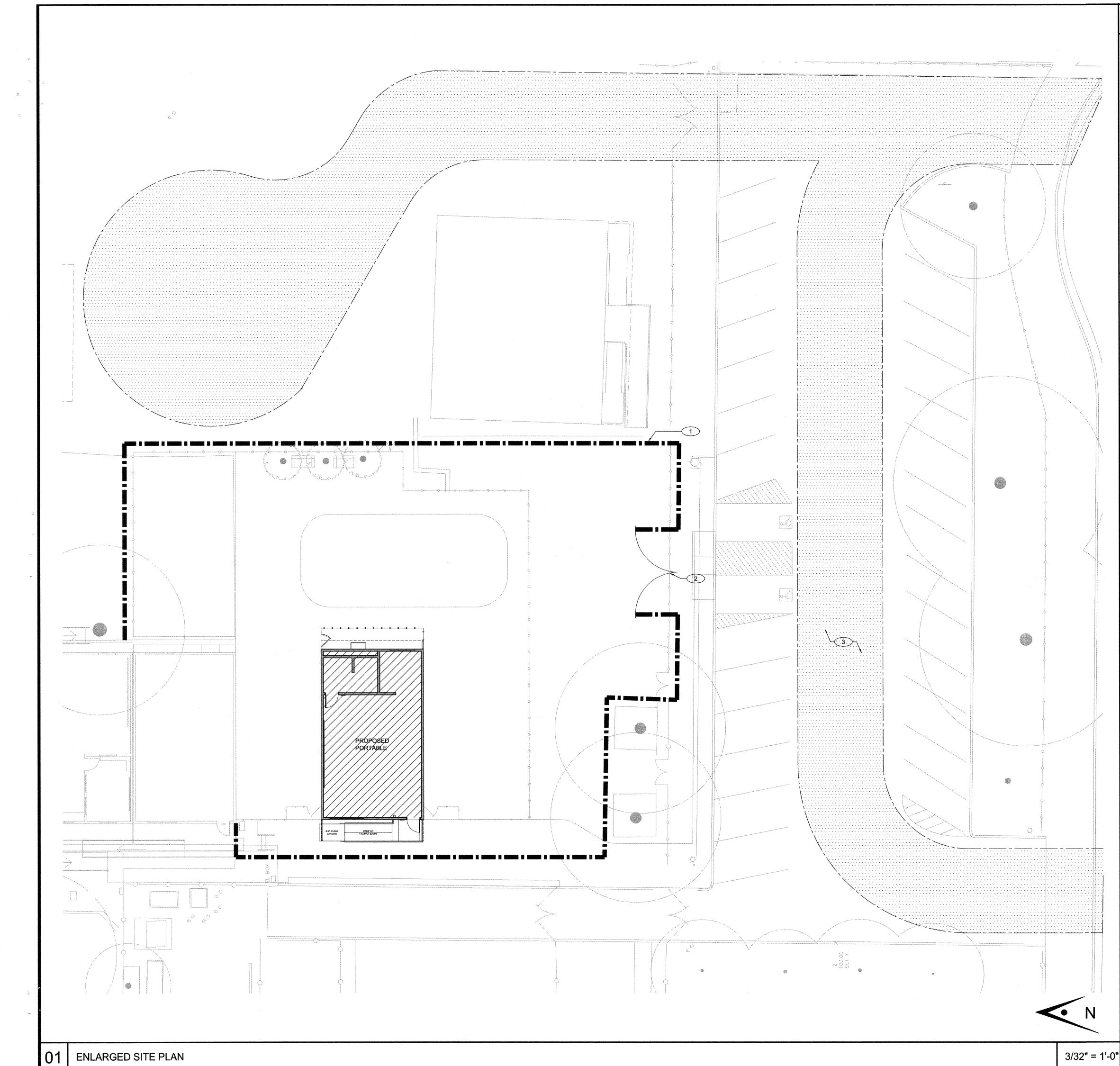
04/08/16

## 

#### LOCAL FIRE AUTHORITY REVIEW

To facilitate the Division of the State Architect's (DSA) approval of the Fire/Life Safety portion of a project, DSA requires Local Fire Authority (LFA) review of certain elements as identified in this form. Use of this form is mandatory for projects that add square footage to a campus or if any item on this form is relevant to the project. For additional information, see DSA 810 Instructions and DSA Policy 09-01.

	ol District/Owner: SANTA CLARA COUNTY	CHERTICAL PROPERTIES AND A CONTRACTOR AND A CONTRACT AND A
	at Nama/Oshaali	
······		NTARY SCHOOL - PORTABLE ADDITION
Proje	ct Address: 6200 ENCINAL DR, SAN	JOSE, CALIFORNIA 95119
LOC	AL FIRE AUTHORITY (LFA)	
LFA /	Agency Name: SAN JOSE FIRE DEPARTME	NT
LFA F	Reviewer Name: BRADLEY FOX	Title: ASSOCIATE ENGINEER
Emai	BRADLEY.FOX@SANJOSE.CA.GOV	Telephone Number: (408)535-7698
	e reviewed and responded to the applicable items for	
	: Only sign this form when it is imaged onto the site pla	
	Reviewer's Signature:	Date: 1/2//12
Revie	ew Key: "Y" = Complies with LFA requirements "NA" = Not applicable to the project	"N" = Not approved (complete Section 8) "NR" = LFA elects not to review
	Description	Y N NA NR
1	Where an elevator does not meet medical emergency Building Code (CBC), use of stairways for emergency acceptable.	
2	Access roads, fire lane markings, pavers and gate er 19, California Code of Regulations and the California	
3	Fire hydrant location and distribution complies with th	e California Fire Code (or see # 4).
4	Fire hydrant location and distribution complies with N checked, DSA can only approve on-site water storage school district official is required to acknowledge the u	as an alternate. The signature of the
4	Signature of School District Official:	Date:
	Print the School District Official's Name:	
5	The location(s) of the proposed post indicator valve a the requirements of this jurisdiction.	and fire department connection meet
6	The location(s) of the detector check valve assembly jurisdiction.	r meet the requirements of this
	Is the project located in a hazard severity zone area?	? (CBC, Chapter 7A, Section 701A.) 🗌 Yes 🕅
7	Check type if "Yes": Moderate High (If one of these boxes is checked, the project design	Very High WIFA // WIFA // WIFA
	COMMENTS (note deficiencies):	
8		
194 8	10 (rev 05-12-14)	Page 1 of
		NT OF GENERAL SERVICES STATE OF CALIFORN



1. REFER TO SITE PLAN SHEET A1.12 FOR ALL SITE RELATED DETAILS.



394-A Umbarger Rd San Jose, CA 95111 Phone 408.224.9890 Fax 408.224.9891 www.ArtikA3.com

**Consultant Seal** 

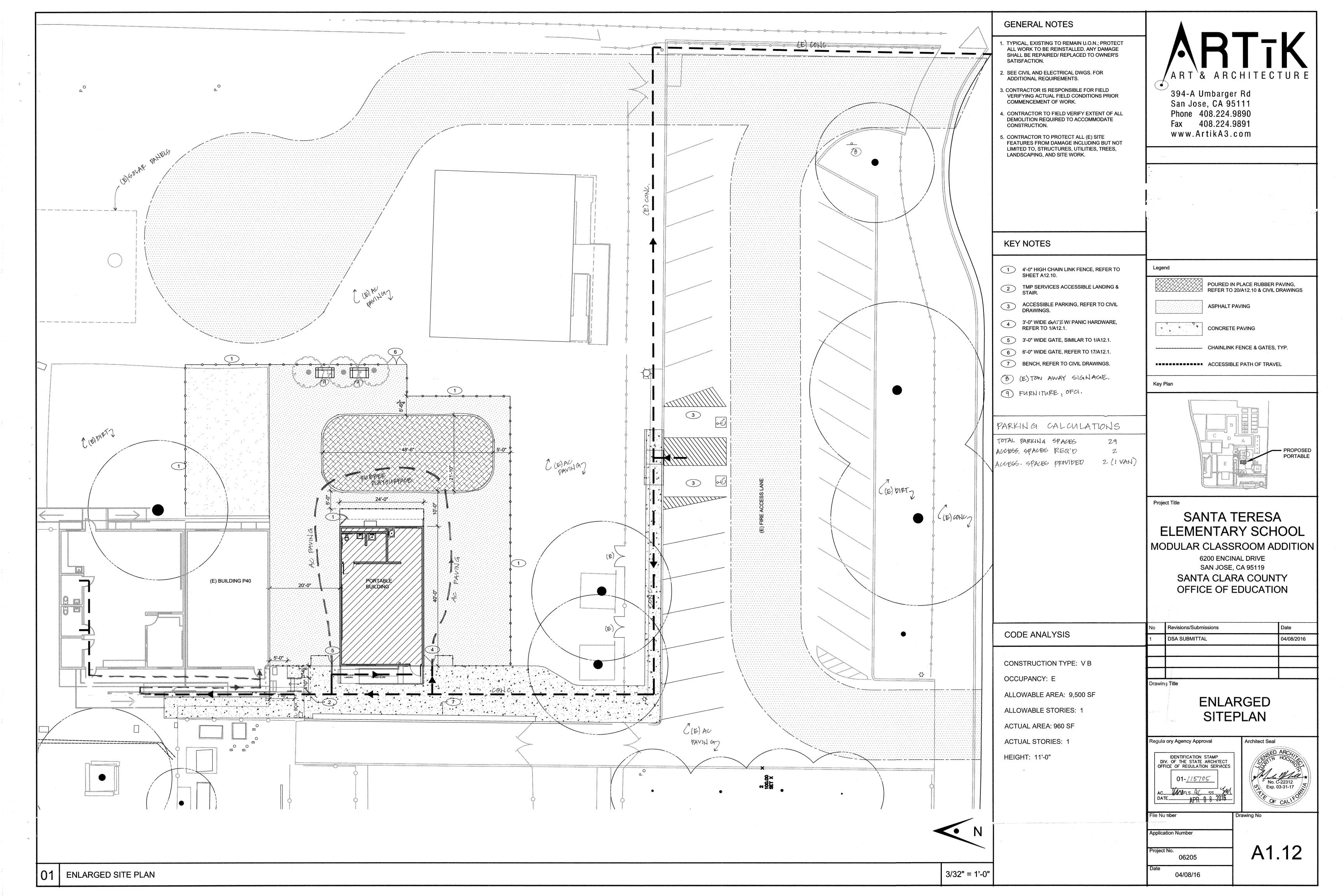
### **KEY NOTES**

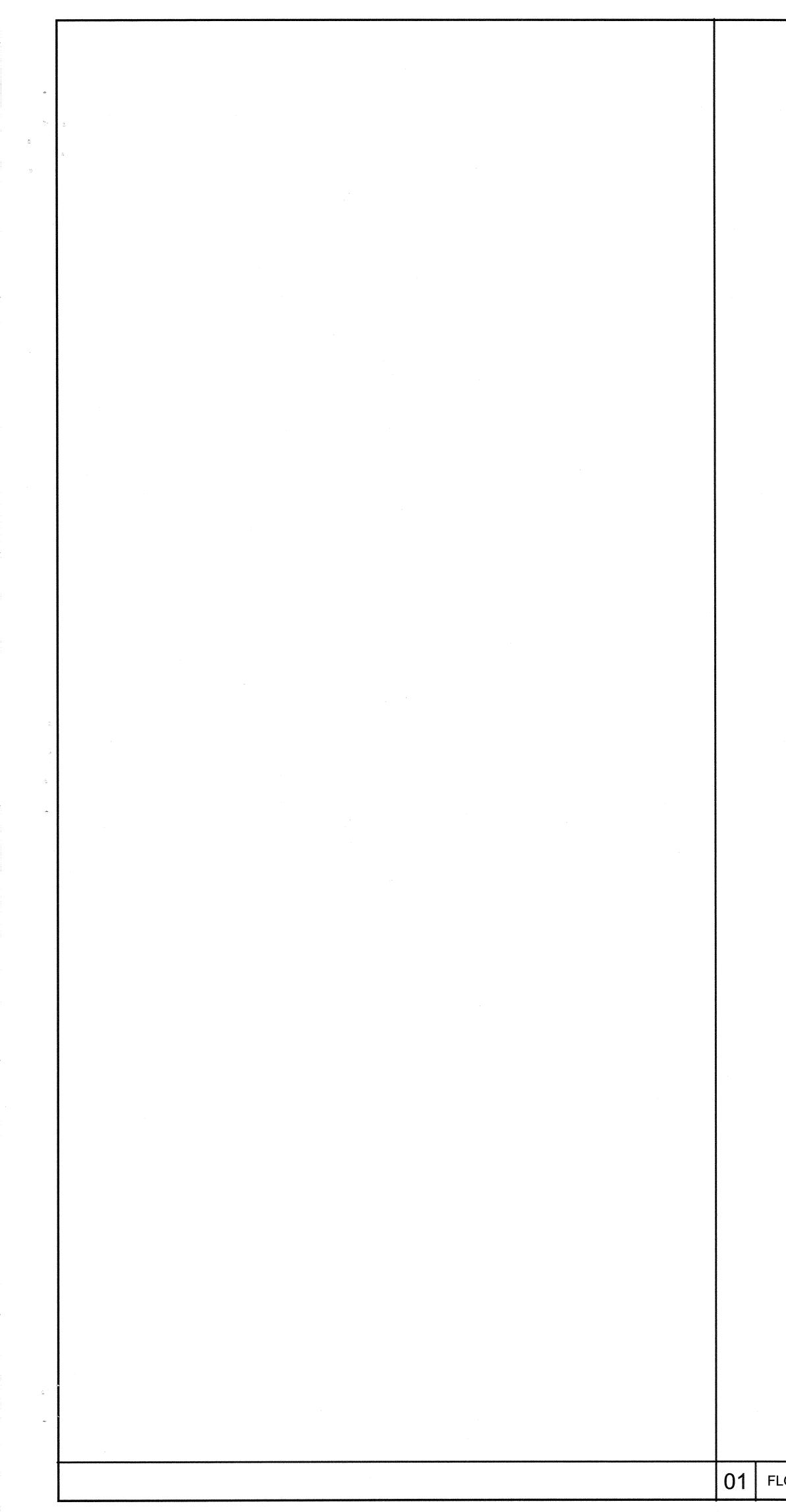
1 TEMPORARY CONSTRUCTION/ CONTRACTOR LAYDOWN AREA TO BE FULLY CONTROLLED/ SURROUNDED BY 6'-0" HIGH CHAINLINK FENCE PANELS (WITH FABRIC) SET IN CONCRETE BLOCKS.

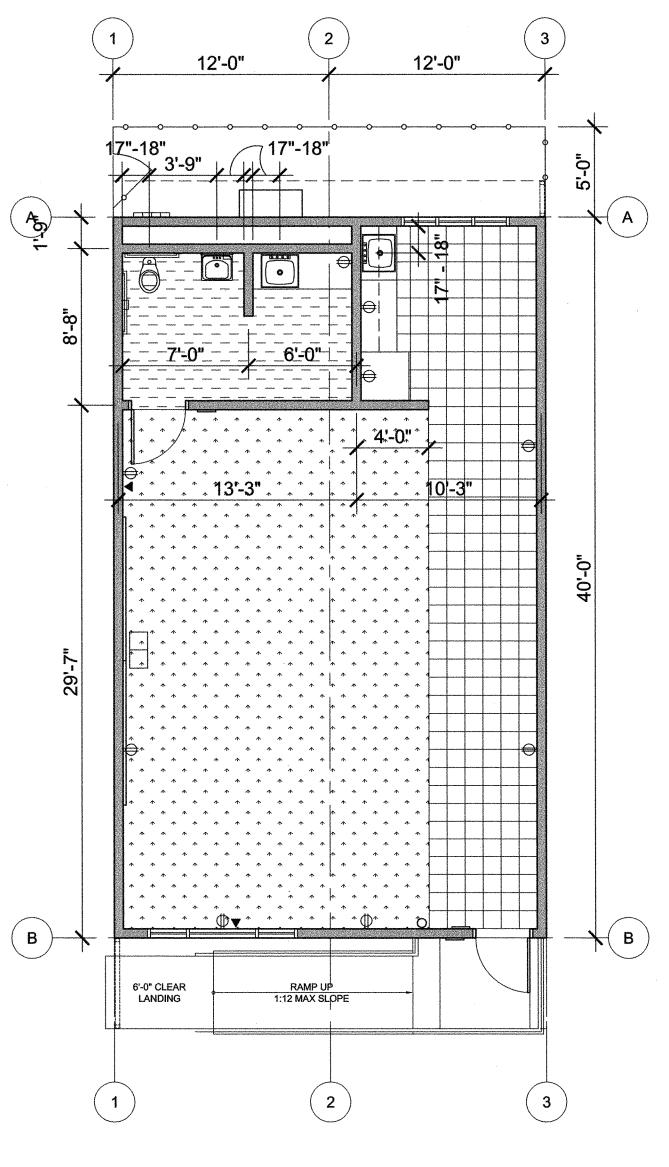
2 TEMPORARY CONSTRUCTION ENTRANCE, 20'-0" WIDE.

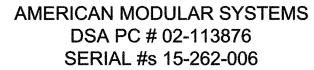
(E) FIRE LANE, TO BE MAINTAINED ALL THROUGH CONSTRUCTION.

Legei	nd		
	EXTENTS	OF TEMPORARY F	ENCE
			-
Key F	Plan		
			- PROPOSED PORTABLE
	SANTA T ELEMENTAF DULAR CLASS 6200 ENCIN SAN JOSE, SANTA CLAF OFFICE OF E	RY SCH ROOM AE NAL DRIVE CA 95119 RA COUNT	OOL DDITION
No	Revisions/Submissions		Date
1	DSA SUBMITTAL		04/08/2016
<u> </u>			
Drawin	TEMPO	DRARY ROLS PLAN	
Regula	tory Agency Approval	Architect Seal	
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Applica	ation Number	A1.	11
Project	No. 06205		
Date	04/08/16		



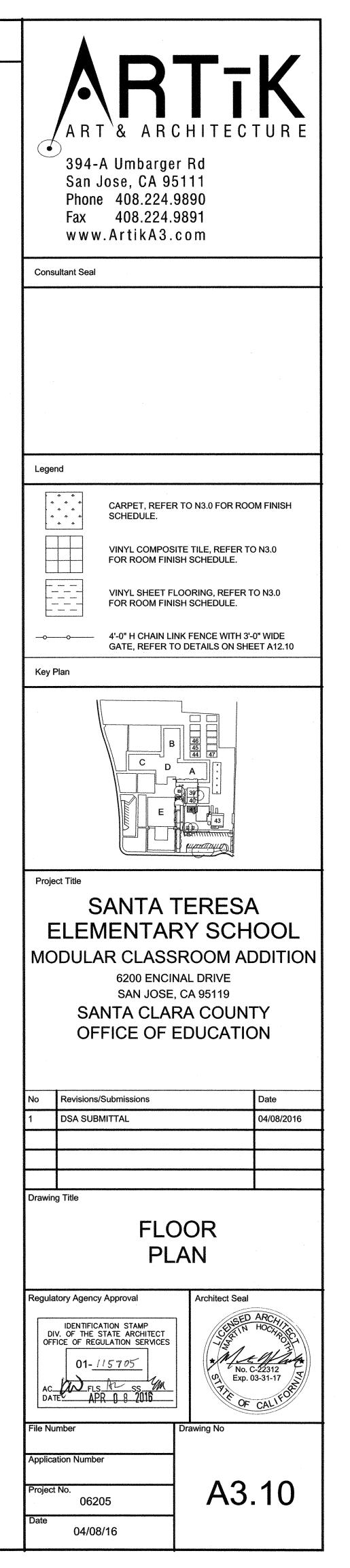


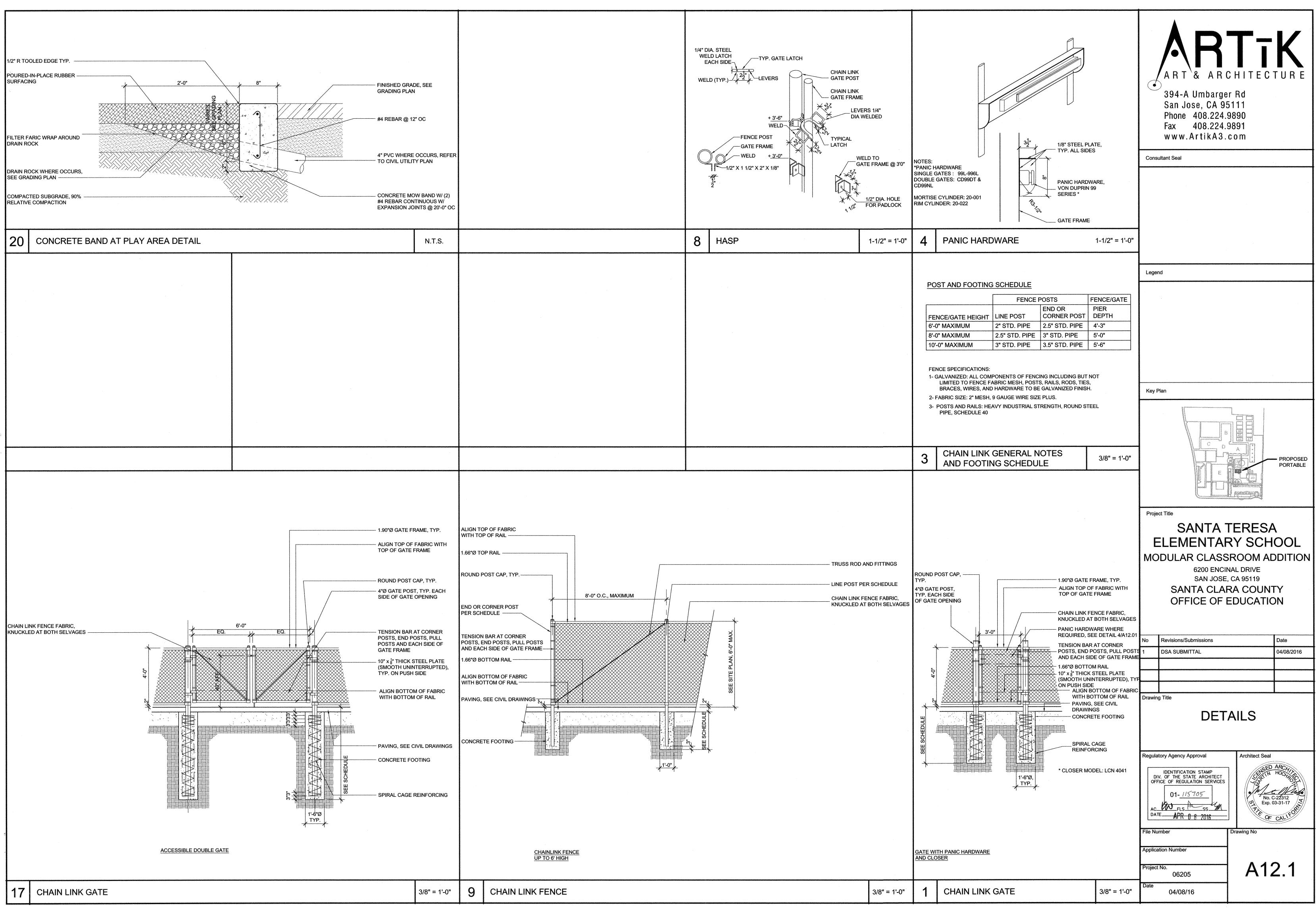




BUILDING '6'         960 SF         1/150         6.40 SF         8.00 SF         4'-0" L x 6" H         4         8 SF         VI	
4'-0" L x 6" H 4 8 SF V	
	VERTICAL SCRE
OTES:	n a an den gener seguen ann agus na eine an sa dh'a she dh'an gener a faongail a she gener a she gener a she g
REQUIRED VENTILATION FORMULA:	

- 1. TYPICAL, EXISTING TO REMAIN U.O.N.; PROTECT ALL WORK TO BE REINSTALLED. ANY DAMAGE SHALL BE REPAIRED/ REPLACED TO OWNER'S SATISFACTION.
- 2. SEE CIVIL AND ELECTRICAL DWGS. FOR ADDITIONAL REQUIREMENTS.
- 3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
- 4. CONTRACTOR TO FIELD VERIFY EXTENT OF ALL DEMOLITION REQUIRED TO ACCOMMODATE CONSTRUCTION.
- 5. CONTRACTOR TO PROTECT ALL (E) SITE FEATURES FROM DAMAGE INCLUDING BUT NOT LIMITED TO, STRUCTURES, UTILITIES, TREES, LANDSCAPING, AND SITE WORK.
- 6. PROVIDE VERTICAL, EXPANDED METAL SCREEN VENT. SIZE TO MATCH OPENING IN FOUNDATION, REFER TO A/S2.1 FOR OPENING SIZES.





	ELECTRICAL SYMBOLS
	JUNCTION BOX WITH COVER SPECIAL RECEPTACLE OUTLET. AMPERE, VOLTAGE, PHASE AND NEMA RATING AS NOTED ON THE DRAWINGS 20A-120V DUPLEX RECEPTACLE OUTLET, NEMA 520R SPECIFICATION GRADE. MOUNTED ABOVE COUNTER SPLASH FLUSH MOUNTED PANELBOARD – SEE SCHEDULES SURFACE MOUNTED PANELBOARD – SEE SCHEDULES SWITCHBOARD, DISTRIBUTION PANEL, MCC – SEE SINGLE LINE DIAGRAM RECESS MOUNTED TERMINAL CABINET/CONTROL PANEL SURFACE MOUNTED TERMINAL CABINET/CONTROL PANEL CONDUIT AND CONDUCTORS INSTALLED UNDERGROUND OR BELOW SLAB CONDUIT AND CONDUCTORS CONCEALED IN WALL OR CEILING
	<ul> <li>CONDUIT AND CONDUCTORS INSTALLED EXPOSED</li> <li>HOMERUN TO SWITCHBOARD, PANELBOARD, TERMINAL CABINET, ETC.</li> <li>WIRING TURNED UP</li> <li>WIRING TURNED DOWN</li> <li>CONDUIT OR DUCT STUB AND CAP</li> </ul>
— PD —	20A-120V DUPLEX RECEPTACLE OUTLET FLUSH MOUNTED ON WIREMOLD. SURFACE MOUNTED NON-METALIC RACEWAY, 2 SECTION, 5 1/4" HIGH X 1 3/4" DEEP WITH COVER, WIREMOLD 5400 SERIES OR HUBBELL EQUAL WITH INLINE DUPLEX RECEPTACLES AND DATA OUTLET AS SHOWN AND ENTRANCE END FITTING ACCESSORIES FOR CONCEALED CONDUIT CONNECTION, U.O.N. MOUNT BOTTOM OF WIREMOLD AT +18" AFF. DATA DUAL JACK OUTLET, WALL MOUNTED +18" U.O.N. WITH BACKBOX AND 1"C TO ACCESSIBLE CEILING SPACE OR MOUNTED ON SURFACE WIREWAY AS SHOWN ON PLAN. W DENOTES WIRELESS ACCESS
⊲ ∢ ⊦©	DATA SINGLE JACK OUTLET, WALL MOUNTED +18" U.O.N. WITH BACKBOX AND 1"C TO ACCESSIBLE CEILING SPACE OR MOUNTED ON SURFACE WIREWAY AS SHOWN ON PLAN SINGLE TELEPHONE OUTLET, MOUNTED AT +54" AFF.
S Hav	WALL MOUNTED PAGING SPEAKER CEILING MOUNTED PAGING SPEAKER AV INPUT. WALL MOUNTED +18" WITH 4" BACKBOX AND (2) 1 ¼"C TO
HPX	ACCESSIBLE CEILING SPACE. AV PIXIE CONTROL. WALL MOUNTED +54" WITH SINGLE GANG BOX AND 1"C TO ACCESSIBLE CEILING SPACE.
P S (1)	POWER PULL BOX SIGNAL PULL BOX SHEET NOTE IDENTIFICATION TAG, SEE RESPECTIVE "SHEET NOTES"

	DRAWING INDEX	SC A
E0.1	ELECTRICAL SYMBOLS, ABBREVIATIONS AND NOTES	ALL ELECTRICAL COMPO
E1.1	ELECTRICAL SITE PLAN	DETAILS ON THE DSA A INDICATED, THE FOLLOW
E2.1	ELECTRICAL, FIRE ALARM PLANS AND WIRING DIAGRAMS	MEET THE FORCE AND
E3.1	DETAILS	CBC, SECTIONS 1616A.
E4.1	FIRE ALARM DETAILS	1. ALL PERMANENT
E4.2	FIRE ALARM RISER AND CALCULATIONS	2. TEMPORARY OR THE BUILDING U
		3 MOVABLE FOLLIP

FOR THESE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS. THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

L:\2016\216141 Santa Teresa Elementary School Portables\CAD\E01.dwg TIME: Apr06, 16-09:03AM LOGIN: PatrickH

## ABBREVIATIONS

AMPERES ALTERNATE CURRENT AMPERE FRAME ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMPERE INTERRUPTION CURRENT APPROXIMATE ARCHITECT/ARCHITECTURAL AMERICAN WIRE GAUGE BACKBOARD BREAKER CONDUIT CONDUIT ONLY COPPER DETAIL DIAMETER DISCONNECT (SWITCH) DRAWING EXISTING FIRE ALARM FIRE ALARM CONTROL PANEL GROUND GROUND FAULT INTERRUPTER KILO CIRCULAR MILLS KILOVOLT-AMPERES KILOWATTS MAXIMUM MINIMUM MAIN LUGS ONLY MOUNTED MOUNTING HEIGHT MAIN SWITCHBOARD NEUTRAL NOT IN CONTRACT NOT TO SCALE POLE PHASE PUBLIC ADDRESS PANEL REMOVE RELOCATED EXISTING RELOCATE SYMMETRICAL **TELEPHONE** TRANSFORMER TYPICAL UNLESS OTHERWISE NOTED VOLTS VOLT-AMPERES WATTS WEATHERPROOF

## GENERAL NOTES

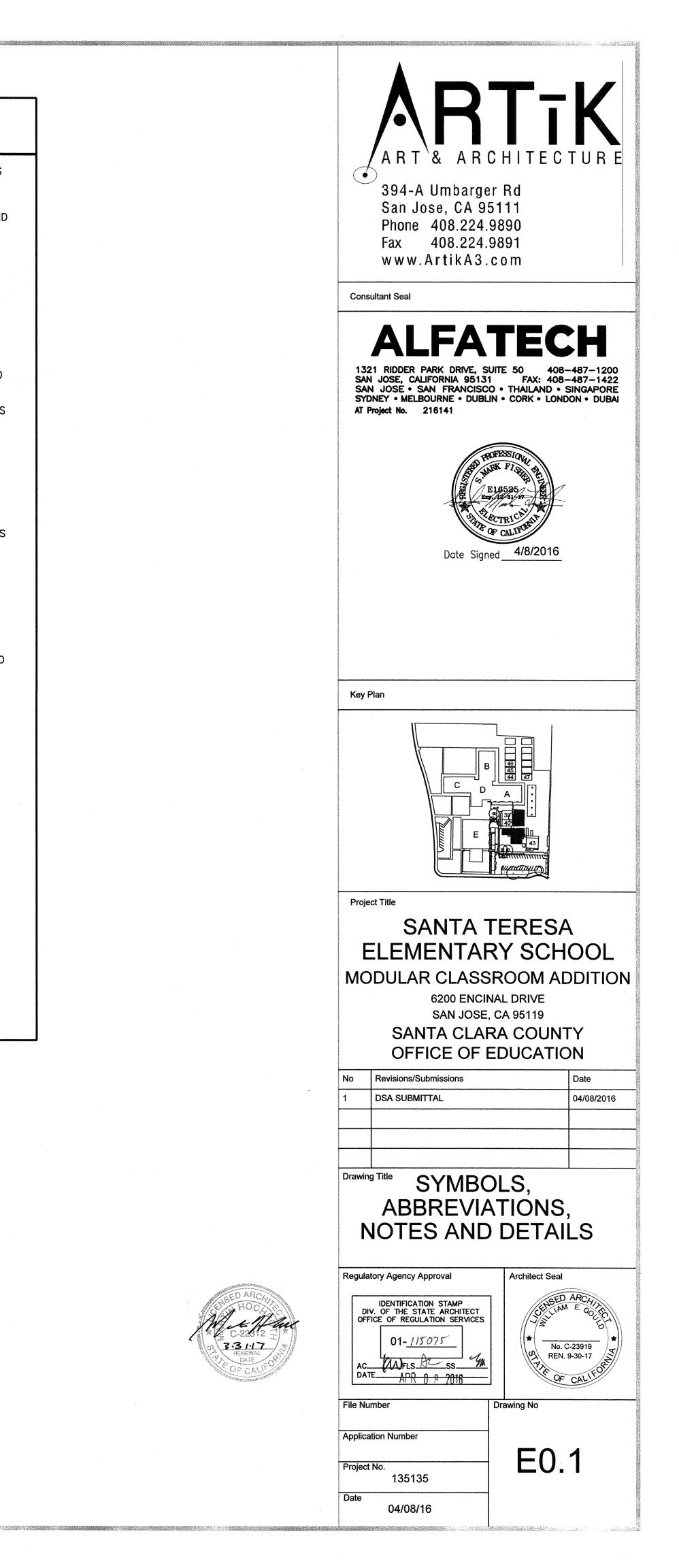
- 1. READ THE SPECIFICATIONS AND COMPLY WITH ALL REQUIREMENTS. THESE GENERAL NOTES ARE INTENDED TO ASSIST THE CONTRACTOR DURING EXECUTION THE WORK; HOWEVER, THEY DO NOT COVER ALL OF THE SPECIFICATION REQUIREMENTS.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL CONSTRUCTION PERMITS AND LICENSES AND 2. SHALL PAY ALL GOVERNMENTAL AND PUBLIC UTILITY CHARGES NECESSARY FOR THE EXECUTION OF THE WORK.
- 3. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT APPROVED EDITION OF THE NATIONAL ELECTRICAL CODE, AS ACCEPTED AND AMENDED BY LOCAL ORDINANCES.
- 4. ANY EQUIPMENT AND MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW, UNUSED AND FREE FROM DEFECTS.
- 5. FINAL ACCEPTANCE OF WORK IN PLACE SHALL BE SUBJECT TO APPROVAL BY SCHOOL DISTRICT REPRESENTATIVE, TENANT AND ARCHITECT/ENGINEER. INSTALLATION APPROVAL SHALL BE BASED ON APPROVED SUBMITTAL, SHOP DRAWINGS AND LOCAL INSPECTIONS.
- 6. ALL WORK SHOWN ON DRAWINGS IS IN PART SCHEMATIC, INTENDED TO CONVEY SCOPE OF WORK AND GENERAL LAYOUT. VERIFY ALL EXISTING CONDITIONS AND MAKE ADJUSTMENTS AS REQUIRED.
- 7. BRANCH CIRCUIT RACEWAY SHALL BE A MINIMUM OF 3/4" ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED. RACEWAYS IN RAISED FLOOR OR IN PLENUM SPACE SHALL BE A MINIMUM OF 3/4" RIGID GALVANIZED STEEL (RGS) OR RIGID ALUMINUM (RAL) UNLESS OTHERWISE NOTED.
- 8. ALL ELECTRICAL RACEWAYS SHALL BE CONCEALED IN THE WALLS AND ABOVE SUSPENDED CEILING OR BELOW RAISED FLOOR UNLESS OTHERWISE NOTED.
- 9. ALL CONDUCTORS SHALL BE #12 AWG MINIMUM TYPE THHN/THWN UNLESS NOTED OTHERWISE.
- 10. ELECTRICAL DEVICES MOUNTED ON OPPOSITE SIDES OF THE FIRE RATED WALL SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF AT LEAST 24". PENETRATIONS IN WALLS, FLOORS OR CEILING, WHICH REQUIRE PROTECTED OPENINGS SHALL BE FIRE-STOPPED WITH APPROVED MATERIAL SECURELY INSTALLED TO MAINTAIN INTEGRITY OF THE FIRE RATING. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTION AUTHORITY AND BE MAINTAINED AT THE JOB SITE.
- 11. ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE WEATHERPROOF.
- 12. ALL CEILING MOUNTED ELECTRICAL DEVICES AND/OR EQUIPMENT SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE %% UNOT FROM CEILING TILE.
- 13. EXACT LOCATION OF ELECTRICAL DEVICES SHALL BE VERIFEID WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 14. CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY AND MUST BE ADJUSTED IN THE FIELD TO CLEAR OTHER FACILITIES.
- 15. SEAL AIRTIGHT ALL CONDUIT PENETRATIONS THROUGH ALL MECHANICAL PLENUM WALLS, INTERIOR AND EXTERIOR.
- 16. ALL CUTTING, PATCHING AT WALLS AND EXPOSED CONDUITS SHALL BE PAINTED TO MATCH ADJACENT FINISHED.

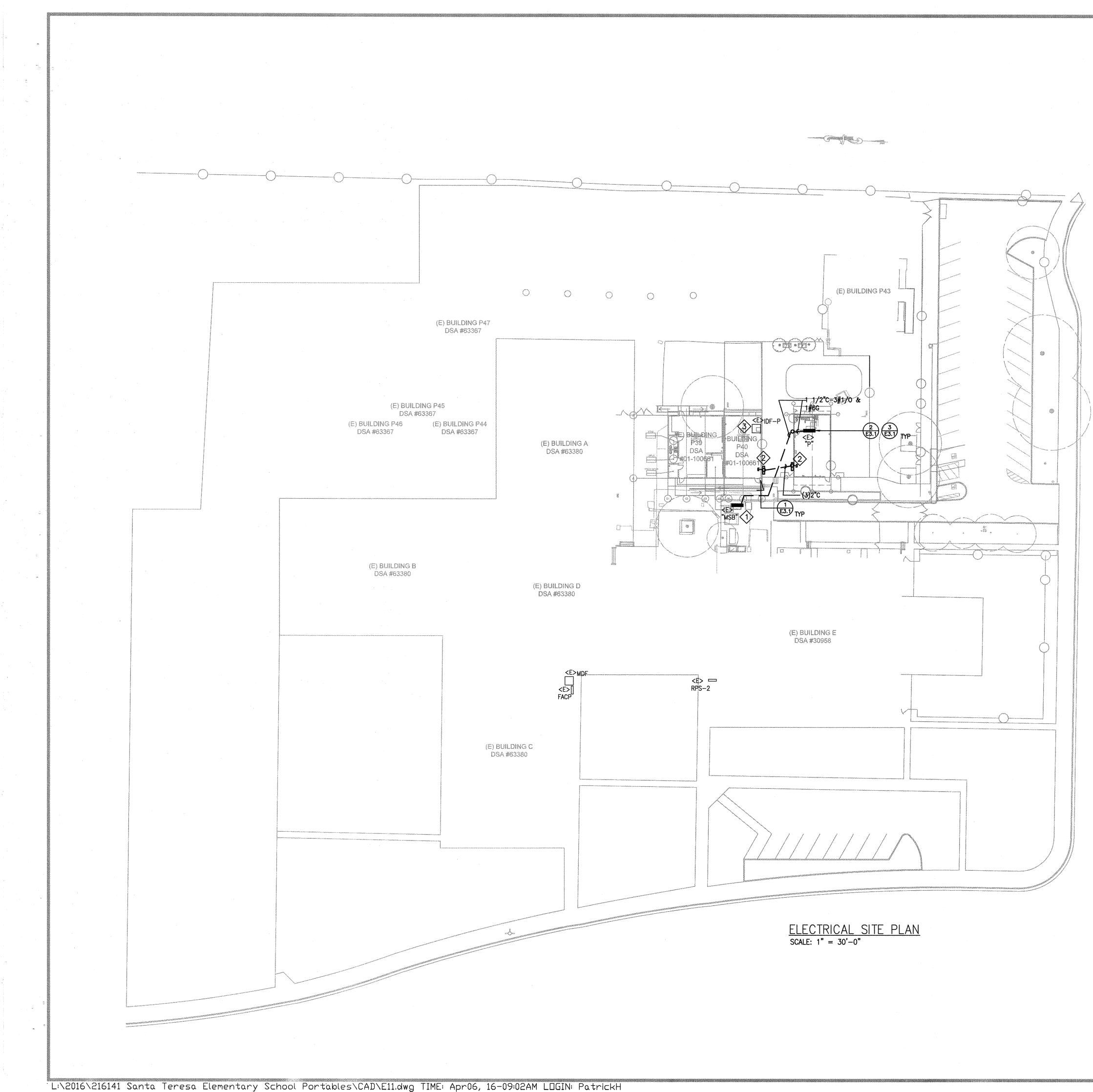
## CHOOL EQUIPMENT ANCHORAGE NOTE

PONENTS SHALL BE ANCHORED AND INSTALLED PER THE APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS OWING COMPONENTS SHALL BE ANCHORED OR BRACED TO DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 A.1.18, 1616A.1.26 AND ASCE 7-10 CHAPTER 6 AND 30.

NT EQUIPMENT AND COMPONENTS.

- R MOVABLE EQUIPMENT ATTACHED (E.G. HARD WIRED) TO UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- 3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.
- THE ATTACHMENT OF THE FOLLOWING ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED PIPING, AND CONDUIT.
- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

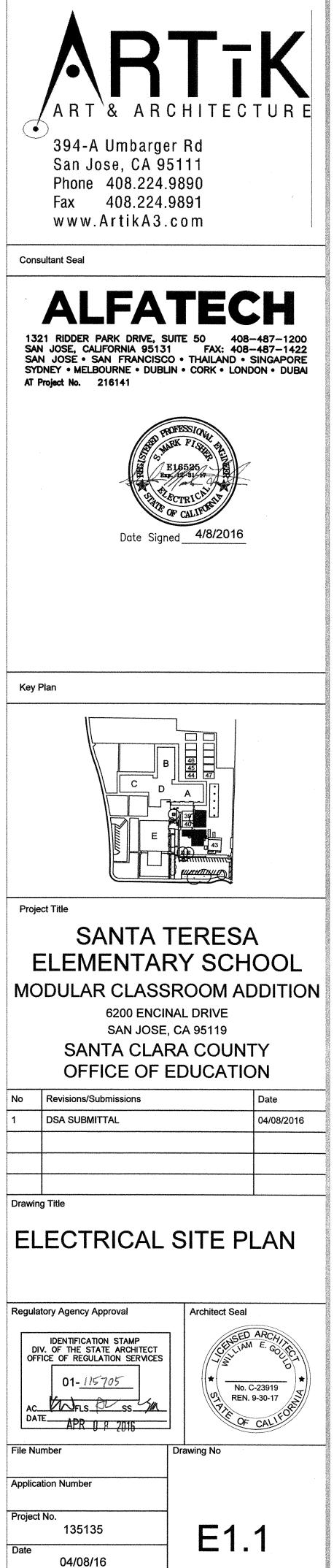




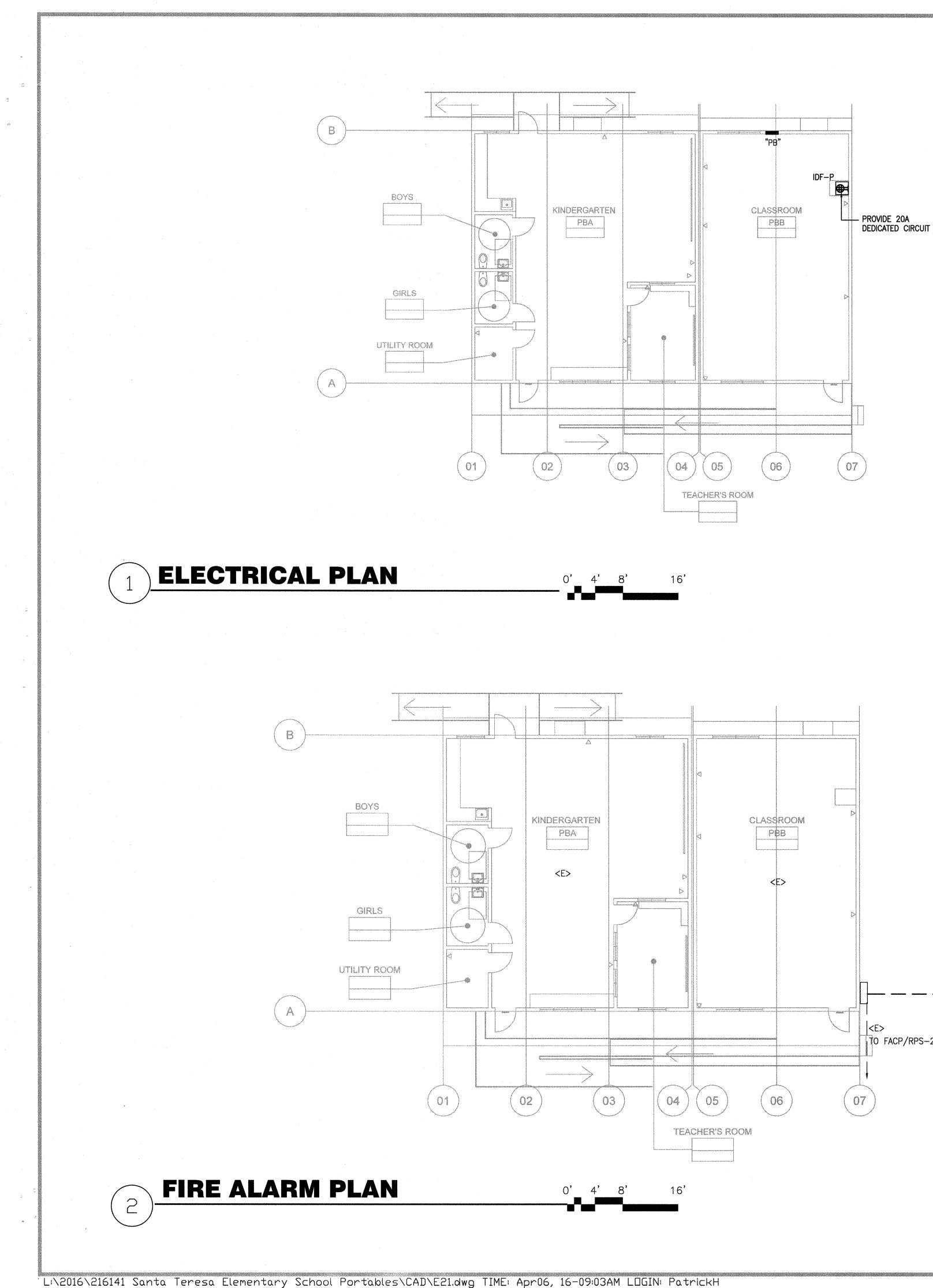
- 1. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AN INDEPENDANT UTILITY LOCATER TO POTHOLE AND IDENTIFY ALL <E> UTILITIES PRIOR TO TRENCHING/BORING.
- 2. <E> INFORMATION SHOWN ON THE DRAWING WAS OBTAINED FROM DISTRICT AVAILABLE RECORD DRAWING. CONTRACTOR SHALL FIELD VERIFY ALL ROUTING PRIOR TO COMMENCEMENT OF WORK.

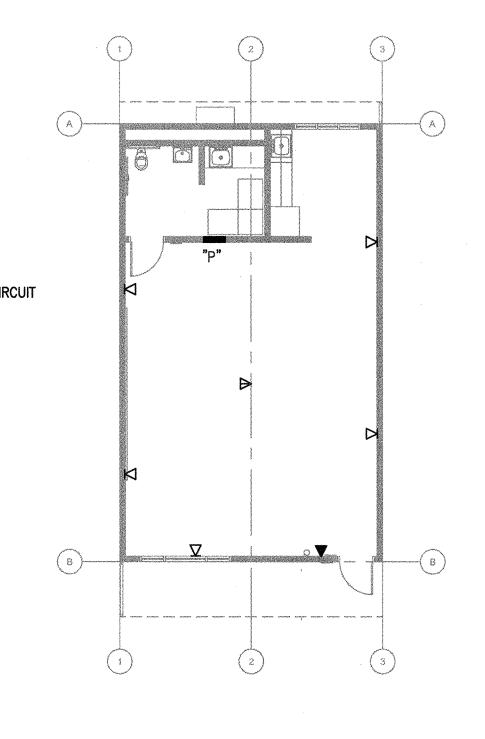
#### SHEET NOTES:

- PROVIDE (1) 150A/2P BREAKER AT <E> SPACE. THE NEW BREAKER SHALL BE COMPATIBLE WITH <E> PANEL AIC RATING.
- 2 PROVIDE 18"X18"X6" WP PULLBOX AT CEILING HEIGHT FOR CONDUIT RISERS UP ALONG EXTERIOR WALL AND STUB 6" INTO CEILING SPACE. PROVIDE UNISTRUT SUPPORT ALONG WALL.
- 3 DISCONNECT <E> CABLE CONNECTIONS. PROVIDE WALL MOUNTED 24"X24"X24" SWING CABINET 6" BELOW CEILING WITH PATCH PANELS FOR RECONNECTION OF <E> AND <N> CABLES. PROVIDE CABLE TESTING TO ENSURE PROPER CONNECTIVITY. PROVIDE 20AMP QUADRUPLEX OUTLET AND CONNECT TO A DEDICATED 20A CIRCUIT FROM THE PORTABLE PANEL.









 $\bigcirc$ -----EDL S4 Z4-55 S4-3 Z4-54 15cd **2**<sup>Z4-56</sup> Z4-53  $(\mathbf{I})$ **2**74-51 75cd S4–1 **\_** ---B (8)-**S4-2** WF TO FACP/RPS-2 response anisotope anisotope anisotope analysis (2 (3)

## GENERAL NOTES:

1. COORDINATE WITH PORTABLE POWER OUTLET LOCATIONS AND REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT DEVICE LAYOUT.

ART`& ARCHITECTURE  $( \bullet )$ 394-A Umbarger Rd San Jose, CA 95111 Phone 408.224.9890 Fax 408.224.9891 www.ArtikA3.com **Consultant Seal** ALFATECH 1321 RIDDER PARK DRIVE, SUITE 50 408-487-1200 SAN JOSE, CALIFORNIA 95131 FAX: 408-487-1422 SAN JOSE • SAN FRANCISCO • THAILAND • SINGAPORE SYDNEY • MELBOURNE • DUBLIN • CORK • LONDON • DUBAI AT Project No. 216141 Date Signed 4/8/2016 Key Plan Project Title SANTA TERESA ELEMENTARY SCHOOL MODULAR CLASSROOM ADDITION 6200 ENCINAL DRIVE SAN JOSE, CA 95119

OFFICE OF EDUCATION **Revisions/Submissions** Date No 04/08/2016 DSA SUBMITTAL Drawing Title

SANTA CLARA COUNTY

## ELECTRICAL AND FIRE ALARM PLANS

Regulatory Agency Approval Architect Seal IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 01-115705 \* No. C-23919 REN. 9-30-17 AC\_\_\_\_\_FLS\_\_\_\_SS\_\_\_\_\_ DATE\_\_\_\_\_APR\_0\_8\_2018\_\_\_\_ Drawing No File Number **Application Number** Project No. E2.1

135135

04/08/16

MLEADE G-22312 3.31.17 REPENAL

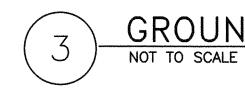
## TRAFFIC LID IN PAVED AREAS ----

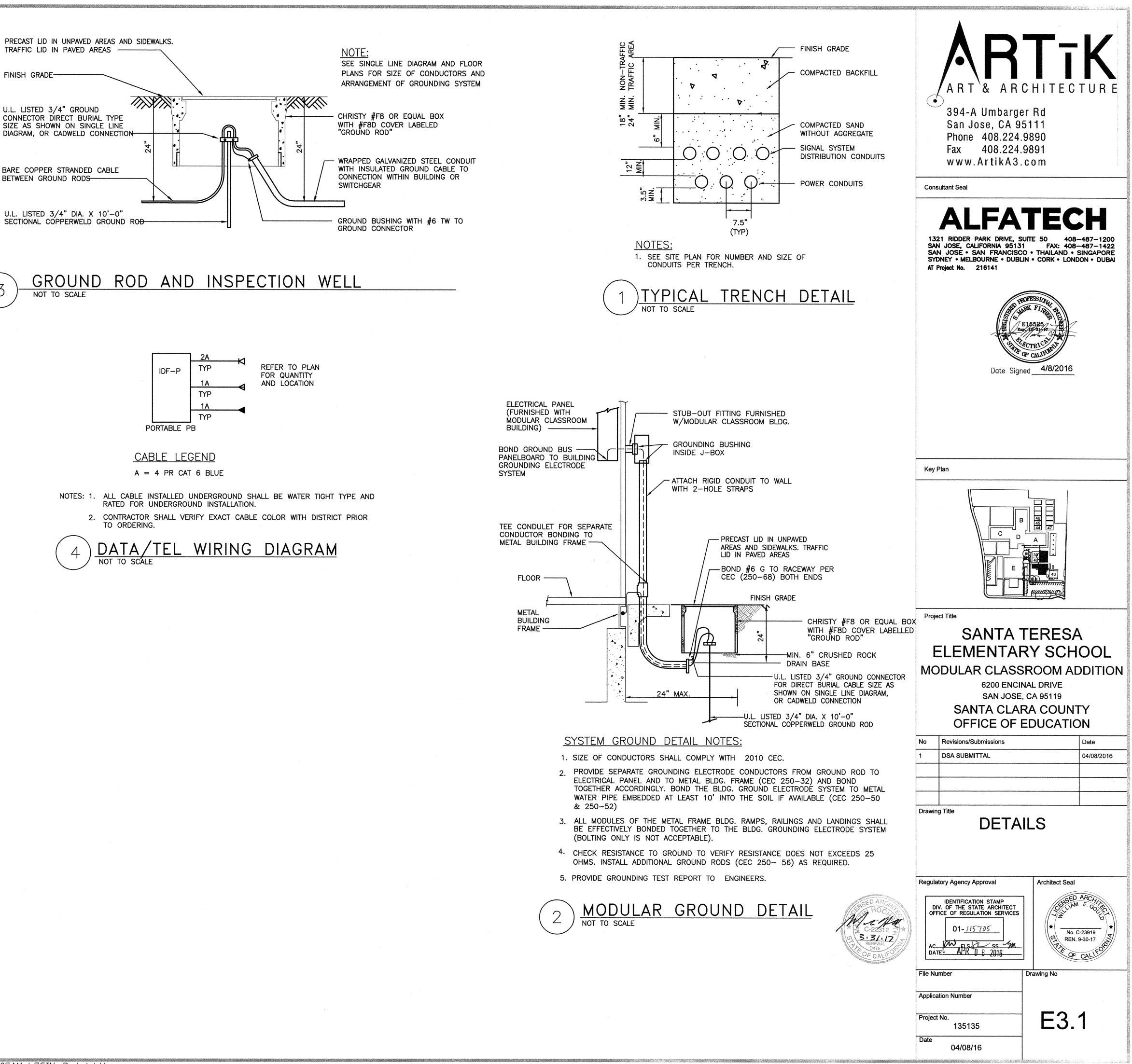
FINISH GRADE-

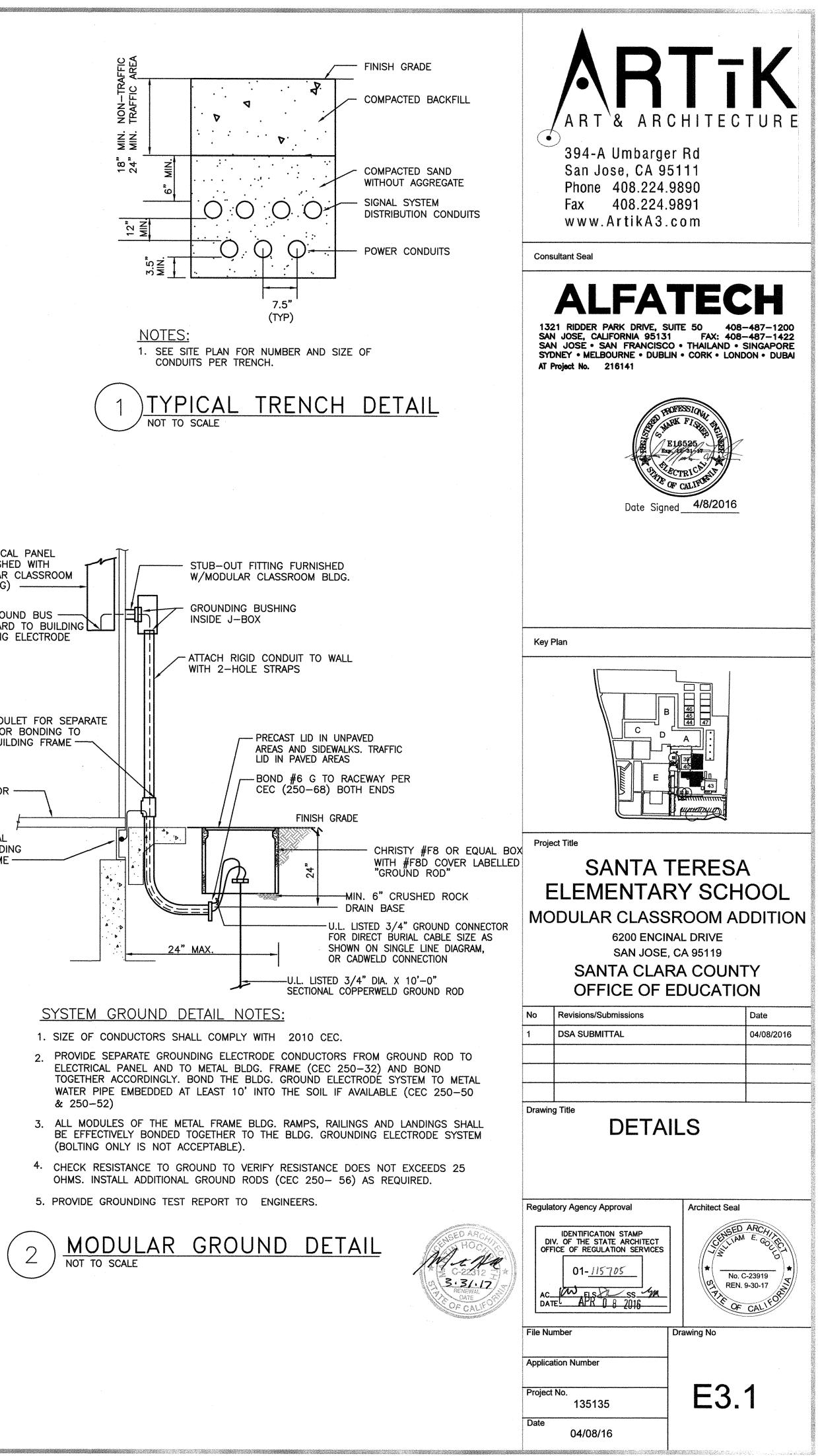
U.L. LISTED 3/4" GROUND CONNECTOR DIRECT BURIAL TYPE SIZE AS SHOWN ON SINGLE LINE DIAGRAM, OR CADWELD CONNECTION-

BARE COPPER STRANDED CABLE BETWEEN GROUND RODS-

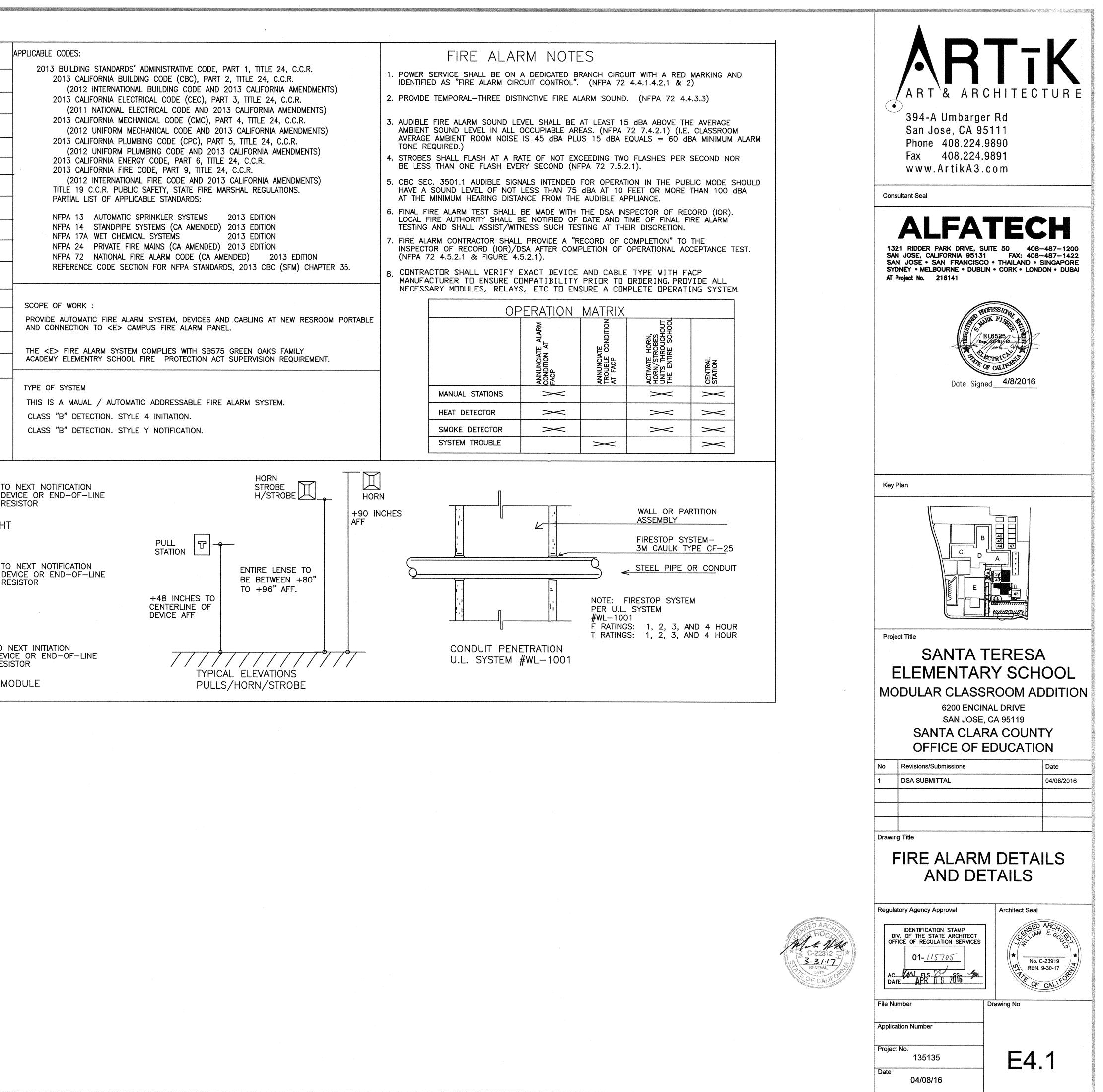
U.L. LISTED 3/4" DIA. X 10'-0"

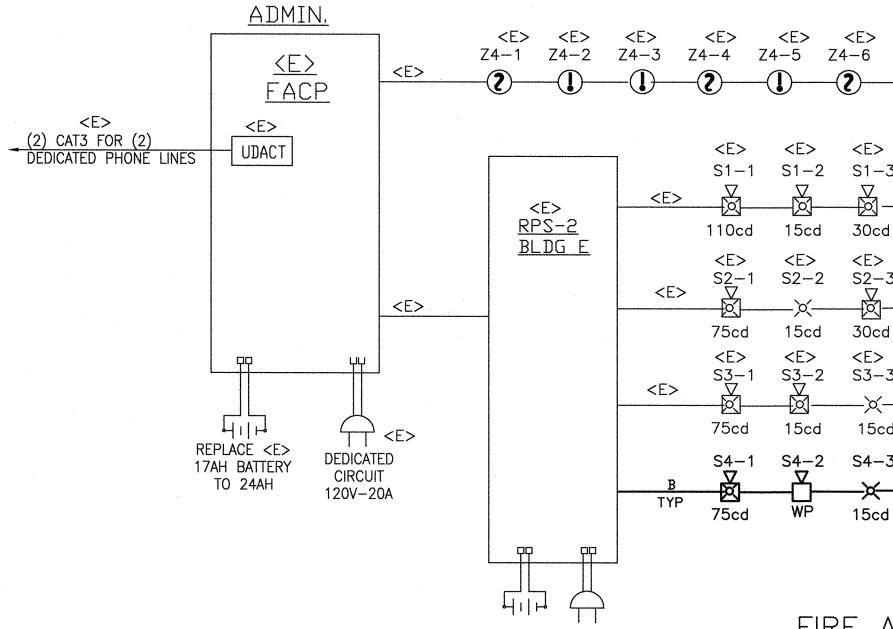






SYMBOL	NAME	DESCRI PTI ON	CALIFORNIA STATE FIRE MARSHAL
FACPI	<pre><e> FIRE ALARM CONTROL PANEL-ANALOG ADDRESSABLE</e></pre>	HARRINGTON T8000	LISTING 7165-0476: 0172
RPS	<pre><e> FIRE ALARM REMOTE POWER SUPPLY</e></pre>	WHEELOCK PS-6	7315-0785: 0167
X X	FIRE ALARM HORN/STROBE	WHELLOCK HSR	7125-0785: 0168
X	FIRE ALARM STRUBE	WHELLOCK STR	7125-0785: 0168
V Ivp	FIRE ALARM HORN WITH WEATHERPROOF BACK-BOX	WHEELOCK AH-24WP	7125-0785: 0131
2	PHOTOELECTRIC SMOKE DETECTOR	SYSTEM SENSOR 2251/B501 BASE	7272-1653:0123 7300-1653:0109
1	HEAT DETECTOR	SYSTEM SENSOR 5251/B501 BASE	7270 -1653:0137 7300 -1653:0109
EDL	END DF LINE		7000 1000.0100
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		· · · · · · · · · · · · · · · · · · ·	******
،۷٫	- WEST DENN DORO - ADOVE ODADE	-	
'A' =	= WEST PENN D980 ABOVE GRADE = WEST PENN AQC224 BELOW GRADE = 2 EACH THHN #12 RACEWAY	· I	I
'A' = 'B' = 'B' =	= WEST PENN AQC224 — BELOW GRADE = 2 EACH THHN #12 — RACEWAY = 2 EACH THWN #12 — BELOW GRADE	- <b>I</b>	
'A' = 'B' = 'B' =	= WEST PENN AQC224 — BELOW GRADE = 2 EACH THHN #12 — RACEWAY		
'A' = 'B' = 'B' =	= WEST PENN AQC224 — BELOW GRADE = 2 EACH THHN #12 — RACEWAY = 2 EACH THWN #12 — BELOW GRADE		
'A' = 'B' = 'B' = 'C'	= WEST PENN AQC224 - BELOW GRADE = 2 EACH THHN #12 - RACEWAY = 2 EACH THWN #12 - BELOW GRADE = WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS FIRE ALARM 0	I MALL ON	PREVIOUS ( + )
'A' = 'B' = 'B' = 'C' FROM F PANEL	= WEST PENN AQC224 - BELOW GRADE = 2 EACH THHN #12 - RACEWAY = 2 EACH THWN #12 - BELOW GRADE = WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS		
'A' = 'B' = 'B' = 'C' FROM F PANEL	= WEST PENN AQC224 - BELOW GRADE = 2 EACH THHN #12 - RACEWAY = 2 EACH THWN #12 - BELOW GRADE = WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS FIRE ALARM O TO NEXT INITIA OR PREVIOUS	TION PANEL OR	PREVIOUS ( + )
'A' = 'B' = 'C' 'C' FROM F PANEL NITIATIC	WEST PENN AQC224 - BELOW GRADE 2 EACH THHN #12 - RACEWAY 2 EACH THWN #12 - BELOW GRADE WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS FIRE ALARM OF TO NEXT INITIATION FIRE ALARM TYPICAL PULL STATION	TION PANEL OR INITIATION D	PREVIOUS
'A' = 'B' = 'C' FROM F PANEL INITIATIC	WEST PENN AQC224 - BELOW GRADE 2 EACH THHN #12 - RACEWAY 2 EACH THWN #12 - BELOW GRADE WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS FIRE ALARM OR PREVIOUS ON DEVICE DEVICE TYPICAL PULL STATION	TION PANEL OR INITIATION D	PREVIOUS DEVICE
'A' = 'B' = 'C' FROM F PANEL INITIATIC	WEST PENN AQC224 - BELOW GRADE 2 EACH THHN #12 - RACEWAY 2 EACH THWN #12 - BELOW GRADE WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS FIRE ALARM OR PREVIOUS TYPICAL PULL STATION FIRE ALARM OR PREVIOUS FIRE ALARM OR PREVIOUS ON DEVICE TO NEXT INITIATION FIRE ALARM OR PREVIOUS FIRE ALARM OR PREVIOUS ON DEVICE TO NEXT INITIATION	IATION FROM FIRE PANEL OR INITIATION D	PREVIOUS DEVICE
'A' = 'B' = 'C' FROM F PANEL NITIATIC	WEST PENN AQC224 - BELOW GRADE 2 EACH THHN #12 - RACEWAY 2 EACH THWN #12 - BELOW GRADE WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS FIRE ALARM OR PREVIOUS TYPICAL PULL STATION FIRE ALARM OR PREVIOUS FIRE ALARM OR PREVIOUS FIRE ALARM OR PREVIOUS TO NEXT INITIAL	IATION FROM FIRE PANEL OR INITIATION D	ALARM Ø_+Ø PREVIOUS Ø ALARM Ø_+Ø PREVIOUS ØØ
'A' = 'B' = 'C' FROM F PANEL NITIATIC FROM PANEL INITIATI	WEST PENN AQC224 - BELOW GRADE 2 EACH THHN #12 - RACEWAY 2 EACH THWN #12 - BELOW GRADE = WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS FIRE ALARM OR PREVIOUS ON DEVICE DEVICE DEVICE TYPICAL PULL STATION FIRE ALARM OR PREVIOUS FIRE ALARM OR PREVIOUS OT ON DEVICE DEVICE DEVICE TYPICAL HEAT DETECTOR TRE ALARM OR PREVIOUS TYPICAL HEAT DETECTOR TRE ALARM TO NEXT INITIAL	TION PANEL OR INITIATION E PANEL OR F ANNUNCIATION FROM FIRE	PREVIOUS DEVICE
'A' = 'B' = 'C' FROM F PANEL NITIATIO	WEST PENN AQC224 - BELOW GRADE 2 EACH THHN #12 - RACEWAY 2 EACH THWN #12 - BELOW GRADE = WEST PENN AQC430 (2 PAIR #22 INDIVIDUALLY SHIELDED) TYPICAL FIRE ALARM DETAILS FIRE ALARM OR PREVIOUS ON DEVICE TYPICAL PULL STATION FIRE ALARM OR PREVIOUS FIRE ALARM OR PREVIOUS TYPICAL PULL STATION FIRE ALARM OR PREVIOUS FIRE ALARM OR PREVIOUS TYPICAL HEAT DETECTOR (9 9)	TION PANEL OR INITIATION E PANEL OR F ANNUNCIATION ATION FROM FIR PANEL OF	PREVIOUS DEVICE





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7 AMP-HR DEDICATED CIRCUIT BATTERY BACK-UP 120V-20A

P1-12

<e> Face</e>	@ ADMIN			en e		
			DEVICE	TOTAL		TOTAL
an an an air air an air a bhaid an an San an an a			SUPEVISORY	SUPERVISORY	ALARM	ALARM
MODEL	DESCRIPTION	QTY	CURRENT	CURRENT	CURRENT	CURRENT
HS-T8000	FACP	1	0.1	0.100	0.100	0.100
alanahinani ana amin'ny fananana sa sa sa sa sa sa sa sa sa	DATA LOOPS	2	0.0265	0.053	0.051	0.102
t het war at divided to out his or a da the checkey place parent	NOTIFICATION CIRCUIT	6	0.01	0.060	<b>1.000</b>	6.000
الم محمد المحمد الم			TOTAL SYSTEM	0.213	TOTAL SYSTEM	6.202
		de constant	STANDBY		ALARM	
ور و د و و و و و و و و و و و و و و و و و	n grindetters un to ennotite deu solar ana calandare agridus inner sun essistéticajan enis et managément en seis		CURRENT (AMP)		CURREN (AMP)	
an a		dinanana sa sa	STANDBY	ing and provide provide a second s		
			PERIOD 60HR.	60	ALARM PERIOD 5 MIM.	0.083
1971 - 10 May 10, 10 Jan 10 May 10	1 	1 	REQUIRED			
			STANDBY			
			CAPACITY	12.780	REQUIRED ALARM CAPACITY	0.515
		disease the Walder advect	ne se		TOTAL REQUIRED	
				n - - - - 	CAPACITY (AMP-HOURS)	13.295
	and a second		an a	and a state of the	SAFTEY MARGIN (20%)	2.659
	and generation of the second		-	-	REQUIRED BATTERY	
			for the second	2 	CAPACITY (AMP-HOURS)	15.954
					EXISTING BATTERY SIZE	17

PROJECT	CIRCUIT VOLTAGE DROPS									
SIG CKT#	S4	PORTABLE								
DEVICE	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	
GUAGE	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	
DISTANCE (FT)	250	5	40	0	0	0	0	0	0	
AMPS @ DEVICE	0.148	0.080	0.057	0.000	0.000	0.000	0.000	0.000	0.000	
AMPS DEVELOPED	0.285	0.137	0.057	0.000	0.000	0.000	0.000	0.000	0.000	
VOLT DROP	0.236	0.002	0.008	0.000	0.000	0.000	0.000	0.000	0.000	
SIGNAL CIRCUIT #										
AMPS DEVELOPED	0.285									
TOTAL CKT V.D.	0.245								12	
CKT VOLTAGE	20.400								14	
ESTIMATED VOLTAGE										
AT LAST DEVICE ON CIRCUIT	20.155									
% VOLTAGE DROP	1.203									

L:\2016\216141 Santa Teresa Elementary School Portables\CAD\E42.dwg TIME: Apr06, 16-09:08AM LOGIN: PatrickH

E> ·6 Z )	<e> 4-7</e>		E> -50 Z4	51 Z4	-52 Z4	-53 Z4	1-54 Z4	-55 Z4	1-56 <b>?</b>		
⊠—	<e> S1-4</e>	—×—	—×—	<e> S1−7 ▼</e>	<e> S1-8</e>	<e> S1-9</e>	<e> S1−10 ▽</e>	<e> S1-11</e>	<e> S1-12</e>	<e> S1-13 V</e>	S1
30cd ≤E> 52-3 ☑ 50cd	30cd <e> S2-4 ♥ 75cd</e>	15cd <e> S2-5 V 110cd</e>	30cd <e> S2-6 </e>	75cd <e> S2-7 </e>	15cd <e> S2-8 ▽  75cd</e>	15cd <e> S2-9 </e>	75cd <e> S2-10 </e>	15cd EDL	WP	75cd	
<e> 53-3 -X 15cd</e>	<e> S3-4 </e>	<e> S3-5 </e>	<e> S3-6 <u>X</u> 15cd</e>	<e> S3-7 V 75cd</e>	S3 —EOL						
54–3 - <b>X</b> 5cd	54 <b>EOL</b>										

## FIRE ALARM RISER DIAGRAM

@ BLDG. E						
	< N >	<e></e>	DEVICE	TOTAL		TOTAL
DESCRIPTION	QTY	QTY	SUPERVISORY	SUPERVISORY	ALARM	ALARM
			CURRENT	CURRENT	CURRENT	CURRENT
REMOTE PS	Ó	1	0.048	0.048	0.048	0.048
EXTERIOR HORN	1	1	0	0.000	0.08	0.000
STROBE 15 CD	1	13	0	0.000	0.057	0.110
STROBE 30 CD	0	2	0	0.000	0.085	0.000
HORN/STROBE 1	0	2	0	0.000	0.082	0,000
HORN/STROBE 3	Ó	2	0	0.000	0.102	0.000
HORN/STROBE 7	1	8	0	0.000	0.148	0,000
HORN/STROBE 1	0	2	0	0.000	0.197	0.000
TOTAL S	SYSTEM	STANDBY	CURRENT (AMP)		FOTAL SYSTEM ALARM	
			STANDBY CURI	0.048	CURRENT (AMP)	2.712
		ST	ANDBY PERIOD 2	24	LARM PERIOD 5 MIN	0.083
	REMOTE PS EXTERIOR HORN STROBE 15 CD STROBE 30 CD HORN/STROBE 1 HORN/STROBE 3 HORN/STROBE 7 HORN/STROBE 1	<pre><n> DESCRIPTION QTY REMOTE PS 0 EXTERIOR HORN 1 STROBE 15 CD 1 STROBE 30 CD 0 HORN/STROBE 1 0 HORN/STROBE 3 0 HORN/STROBE 3 0 HORN/STROBE 1 0</n></pre>	<pre></pre>	<pre></pre>	⟨N⟩       ⟨E⟩       DEVICE       TOTAL         DESCRIPTION       QTY       QTY       SUPERVISORY       SUPERVISORY         CURRENT       CURRENT       CURRENT         REMOTE PS       0       1       0.048       0.048         EXTERIOR HORN       1       1       0       0.000         STROBE 15 CD       1       13       0       0.000         STROBE 30 CD       0       2       0       0.000         HORN/STROBE 1       0       2       0       0.000         HORN/STROBE 7       1       8       0       0.000         HORN/STROBE 1       0       2       0       0.000         HORN/STROBE 7       1       8       0       0.000         HORN/STROBE 1       0       2       0       0.000         HORN/STROBE 1       0       2       0       0.000         HORN/STROBE 1       0       2       0       0.000	< N> <e>       DEVICE       TOTAL         DESCRIPTION       QTY       QTY       SUPERVISORY       SUPERVISORY       ALARM         CURRENT       CURRENT       CURRENT       CURRENT       CURRENT         REMOTE PS       0       1       0.048       0.048       0.048         EXTERIOR HORN       1       1       0       0.000       0.08         STROBE 15 CD       1       13       0       0.000       0.085         HORN/STROBE 1       0       2       0       0.000       0.082         HORN/STROBE 3       0       2       0       0.000       0.102         HORN/STROBE 7       1       8       0       0.000       0.148         HORN/STROBE 1       0       2       0       0.000       0.197         TOTAL SYSTEM STANDEY       CURRENT (AMP)       TOTAL SYSTEM ALARM         STANDEY CURN       0.048       CURRENT (AMP)</e>

REQUIRED STANDBY CAPACITY 1.152 JIRED ALARM CAPA( 0.225

TOTAL REQUIRED CAPACITY (AMP-HOURS) 1.377

SAFTEY MARGIN (20%) 0.275 REQUIRED BATTERY CAPACITY (AMP-HOURS) 1.653

INSTALLED BATTERY SIZE 7.000

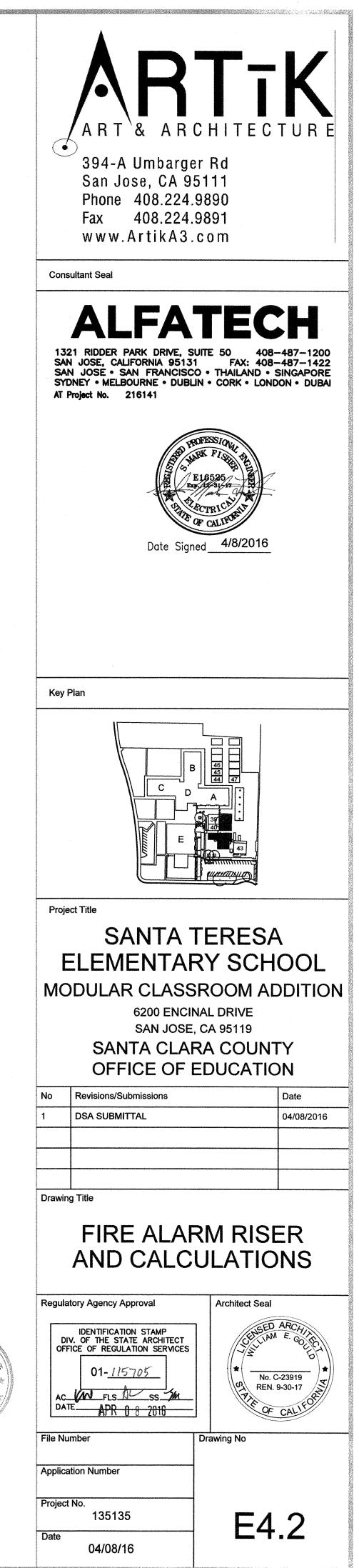
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10th

12.000

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C-22512 C-22512 3-3-1-17 RENEWAL DATE



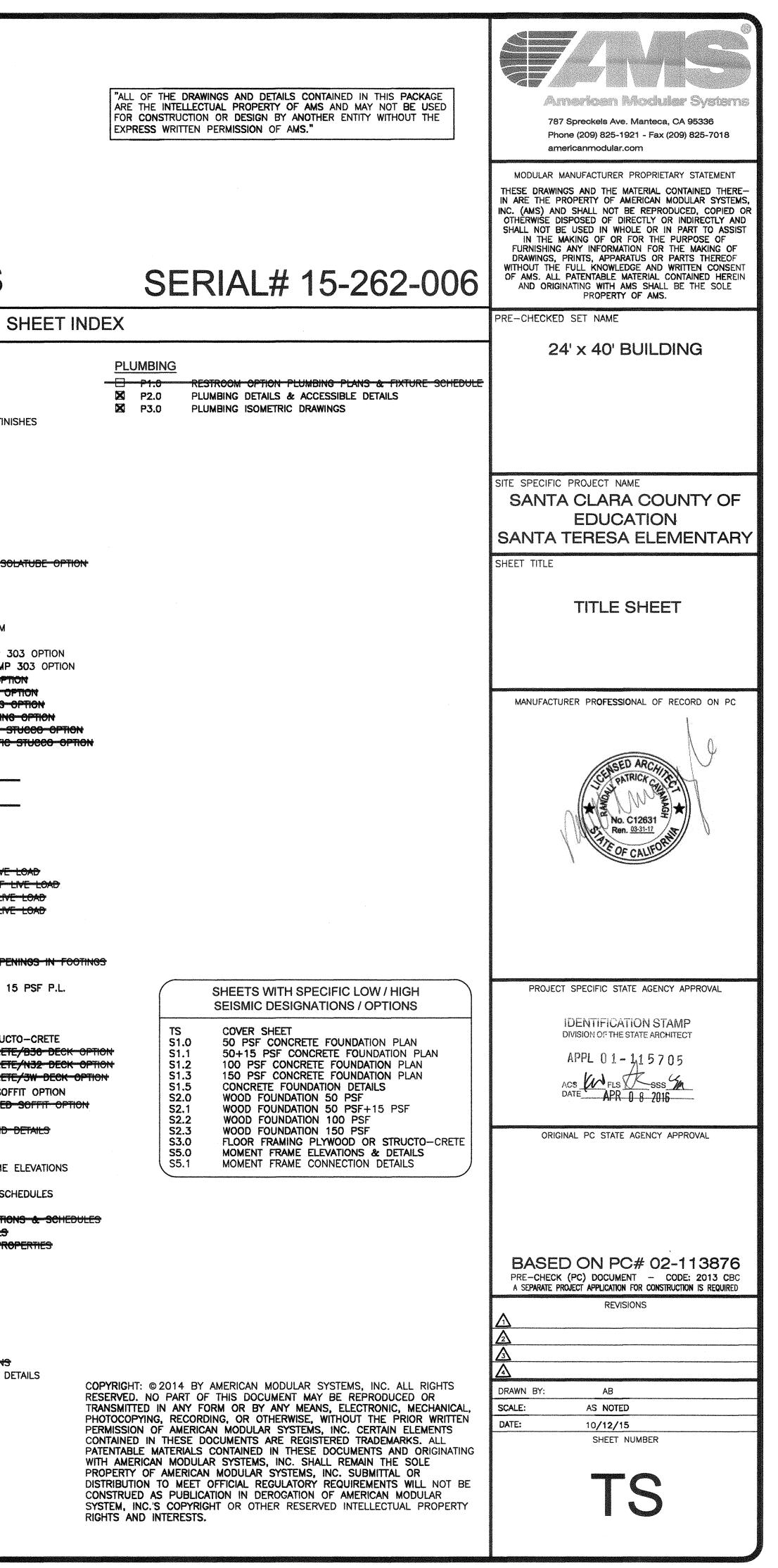
## American Modular Systems 24' x 40' RELOCATABLE BUILDING SANTA CLARA COUNTY OFFICE OF EDUCATION - SANTA TERESA ES

WITHOUT	THE E	A PC #. NO OTHER USE IS (PRES WRITTEN CONSENT OF	1								
TE		S, INC.		TYPE O	F MODULAR ( (X - INDIC	STEEL MOME ATES TEST OR IN INDICATES NOT	NT FRAME I SPECTION TO E APPLICABLE)	BUILDING	PROJECT	WIND LOADV= 110 MPHULT. WINDALTERNATE METHODEXPOSURE = CKzr = 1.0PER CBC 1609A.6.2Kzr = 1.0Kzr = 1.0	00
TESTS or INSPECTIONS (as listed on DSA-103)			STO	STOCKPILE (diaphragm material-foundation			CERT	ATION OF	FLOOR LIVE LOAD 50-LDS/SQ. FT., 50 LBS.+ 15 LBS./SQ. FT., 400-LDS/SQ. FT.		
	l		A	в	С	material)	E	BUIL	G	ROOF LIVE LOAD 20 LBS/SQ FT (REDUCIBLE)	
. TYPE	DSA-103 Item #	DESCRIPTION	loor	2	nly - tion	e e	tion tion	tion	tion e	FIRE SPRINKLER SYSTEM WEIGHT (PSF) 1.5	
	9420111 W		Wood F Only	toors	OSB Floor Or Wood Foundat	OSB Floor - Concret Foundat	oncre loor - oncref oundat	Vood ounda	ounda	ALLOWABLE SOIL PRESSURE (PSF) 1,000 FOR WOOD	
an a		Site has been prepared properly prior	\$0	OE	OEŠĽ		οποκ	<u>  5ŭ</u>	<u> </u>	FLOOD HAZARD AREA NO	
GENERAL	1	Fdn excavations extended to proper	Mile Roll willing	407 KB) 683	atiy kak aya	X	Х	331.407.50	X	BUILDING AREA 960 MIN	
		Materials below footing are adequate								CLIMATE ZONES 1-16	
	2a	Materials	ue 63 46	495-925 M	<b>441 655 56</b> 8	X	<u> </u>	80 68 CS	X	MODULES MOMENT-RESISTANT FRAME (SINGLE STO	ORY)
COMPACTED FILL	2b	inspect lift thickness, placement and	40 103 440	en die Die	and the dis-	x	х	40 MA (90	x	SYSTEM 12' × 40' MODULES	
	20	controlled fill Test Compactation of controlled fill	495 420 LDC		anter a constant de la constant de l Altre des seus	X X	x		X	FOUNDATION TYPE WOOD	
	7a	Verify use of required design mix	400 200 405	X			X			F	(S₁≤0.75) (S₁ =0.75<1.5)
	7c	required) Air Content Test; determine Temperature of	wa est see	X	ador tala 1975		Х	aux etc ctar	the rate call	1=1.0 (=0.231° R=3.5 (OMF)	
	7.1	Concrete Test concrete -Compression					~			SITE CLASS D $F_V = 1.5$	$F_{a} = 1.0$ $S_{DS} = 1.13$
LIGHT WEIGHT FILL		Tests Inspect batching of concrete -	ana sha sha		ορι του 694 Απτβαλικός ανζατηριοτικός αυτοποίος του ποριαζιατός αυτοποίος του ποριαζιατός αυτοποίος του πορια 		<u> </u>	<u> </u>		$S_{S} = 2.125 \text{ MAX} \text{ (SITE)}$	C <sub>s</sub> = 0.324 W (DESIGN)*
OVER METAL DECK	7e	See next cell below if waived (per Note 1)	400-	X	500 dia 1007	10 to 10	X	06 60 MS		7-10, 12.8.1.3), FOR REGULAR STRUCTURES	LS , , , , , , , , , , , , , , , , , , ,
	12	Waiver of Batch Plant Inspection See Note 1 for conditions and requirements	Offer the second		1200 corp. 4056	*****	Х	8% 446 M2	cit states	(5) STORIES OR LESS WITH PERIOD OF 0.58 OR HIGH SEISMIC	F 1 A C 1 EA
	7f	Inspect placement of concrete, reinforcing and embedded items		x			X	at to our	ing time dat	VALUE FOUAL TO THE GREATER OF 1.5 OR $80\%$ $S_s = 2.650$ MAA (SIL)	$F_a = 1.0$ $S_{DS} = 1.52$
	79	over Steel Deck - by RBIP				X X	<u> </u>			OF THE ACTUAL S <sub>S</sub> VALUE = $2.280$ (DESIGN)*	C <sub>s</sub> = 0.434 W (DESIGN)*
	76	Test Reinforcing Steel - See Note 2 for Waiver, One	28 x0 +84	44 1/2 1/34			X				
		Story Bidgs. Perform Slump and (where				<u> </u>	<i>F</i> <b>\</b>				1.623
	7c	required) Air Content Test; determine Temperature of	AL.700 /127		anga dala anga	x	х	ons éde asjo	X		1.020
FOUNDATION	7d	Test concrete -Compression	101 HZ 101		an a	X	X	45.0076	X	AFFLICADLE CUUES	
	70	Inspect batching of concrete - See next cell below if waived (per				<u> </u>	¥			PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2014	
		Note 1) Waiver of Batch Plant Inspection	and the second s			<u>  ^  </u>	~	Rem		*2013 CALIFORNIA ADMINISTRATIVE CODE (CAC) - (PART 1, TITLE 24, CCR)	
	12	-To be performed by batch plant special inspector and project	tad ana una	er santa	stor and one		x	yani tata ndar		2013 CALIFORNIA BUILDING CODE (CBC). VOLUMES 1 AND 2 - (PART 2. TITLE 24	CCR)
	Note 1	inspector. See Note 1 for conditions and requirements					~			BASED ON THE 2012 INTERNATIONAL BUILDING CODE	
		Inspect placement of formwork, concrete, reinforcing steel and					······	<u> </u>		2013 CALIFORNIA ELECTRICAL CODE (CEC) - (PART 3, TITLE 24, CCR) BASED ON THE 2011 NATIONAL ELECTRIC CODE	
	7f	embedded items - by Project Inspector	car Xikinga	****		×	X	10 MA 400			
POST INSTALLED	11a	Inspect installation of post- installed anchors	eet 100 Na	ças que ráin	404 63% dat	X	Х	iças das des	X	BASED ON THE 2012 UNIFORM MECHANICAL CODE	
ANCHORS Note 3	11b	Test post-installed anchors. *Material are appropriately	05.5% (ka		444 801 994 	X	X	474 MB A74	X	2013 CALIFORNIA PLUMBING CODE (CPC) - (PART 5, TITLE 24, CCR)	
	17a	marked *Mfr. Certified Mill Test Reports	X		X	x	х	nite sign			
		*Material Sizes, Types and Grades comply with requirements									
<b>政府 左 496 496 496</b>	17b	Sample and Test all Unidentified Structural Steel and Steel Deck	<u> </u>	X	Х	X	X	av 109 MA		BASED ON THE 2012 INTERNATIONAL FIRE CODE	
MATERIAL VERIFICATION	17c	tubes and pipes	X		Х	X	X	*** 48 57	03 105 100	*2013 CALIFORNIA GREEN CODE (CGC) - (PART 11, TITLE 24, CCR)	
	17d	Verify member locations, bracing and all details constructed in the field	X	X	Х	x	Х	Alla Ga Kol	No Francis		
	47-	Verify stiffener locations, connection tab locations and all			V		v	İ	The second secon		
	1/6	construction details fabricated in the shop.		X	*		~	******		2013 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE PART 7, TITLE 24, C.C.R	R
	19a	Verify weld filler material identification marking per AWS designation listed on the DSA approved documents and the WPS	X	X	х	x	х	sounds indi	via citr dar	* EFFECTIVE JULY 1, 2014	
VERIFICATION OF MATERIALS		Verify weld filler material							<u> </u>	PARTIAL LIST OF APPLICABLE STANDARDS	<b>F</b> 1111
EQUIPMENT, WELDERS,	19b	compliance			X	ļļ	X	ub in 1966	***	NFPA 14 Standpipe Systems 2013	Edition Edition
ETC	19c	and equipment Inspect groove, multi-pass, and			X ~	<u> </u>	X			NFPA 17 Dry Chemical Extinguishing Systems 2013	Edition Edition
SHOP		fillet welds > 5/16"			X Y		<u> </u>	470 Gel 484	100 cm cm	NFPA 20 Stationary Pumps 2013	Edition
WELDING	13.10	5/16"			<u>л</u> Х	X	<u> </u>	20 20 20 20 20 20 20 20 20 20 20 20 20 2	100 of 100		Edition Edition
9, 9, 4, 4, 6, 9, 9, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,		Inspect groove, multi-pass, and			X	X	<u> </u>	nut sin tar		(Note See UL, Standard 1971 for "Visual Devices")	Edition
FIELD WELDING See Note 4	19.2b	Inspect single-pass fillet welds = 5/16"	etis sala hite		Х	X	X	151 400-000	X	NFPA 2001 Clean Agent Fire Extinguishing Systems 2012	Edition
	19.2f	Inspect welding of stairs and railing systems.	200 A 20	war opnitär	Х	X	Х	Der mit keis	X		Edition
SPRAY APPLIED	220	Examine structural steel surface conditions, inspect application, take samples, measure thickness, and verify compliance of all aspects of application	Pik Sity Ket	NO NO	X	x	X	mai jata utik	div dan Isa	1. PC BUILDING CLASSIFED AS OCCUPANCY "A" WITH OCCUPANT LOAD 100 OR M	IORE CAN
IRE-PROOFING	22d	with DSA approved documents.			- •	ļ		ļ	<u> </u>	NOT BE REVIEWED OVER THE COUNTER (OTC).	
	23a	Shop Welding - Inspect welding of cold-formed steel Periodic/Special Inspector	X		Х	X	Х	tics not and	365 No. 107	2. PC BUILDING APPROVED ONLY FOR OCCUPANCY E OR B, OR A CATEGORY 1 8 OCCUPANT LOAD LESS THAN 250.	KG 11 VVIII*1
OTHER	23b	Shop Welding - Inspect welding of steel floor deck welds				NH 105730	X			3. PC BUILDING EXITING IS BASED ON THE USE OR OCCUPANCY AND WILL BE R AS SITE SPECIFIC.	EVIEWED
DING Note 5		Periodic/Special Inspector Electrical grounding Test/Project	ations		X	ļ				4. THIS PLAN DOES NOT INCLUDE 2013 CBC REQUIREMENTS FOR "WILDLAND URE	
INS lar)		Ceiling wire hangers (pins in	-		× 1		<u> </u>	1		ADDITIONAL FIRE RESISTIVE CONSTRUCTION AND SAFE GUARDS WILL BE REQUIN CHAPTER 7A IF SITED IN A "WILDLAND URBAN INTERFACE" AREA.	KED PER 2013 CBC
	L	Test/Lab				<u> </u>	~			5. SITE USE SPECIFIC REQUIREMENT FOR AUTOMATIC SPRINKLER SYSTEM MIGHT E	BE REQUIRED. AUTOMATIC
				USA-103	In Plant: RBI						
		ND TESTING AGENCY By the Owner	and approved by		Single Stor	y Site: Class 2 for The School District and ap	wo-Story oproved by DSA, A	Class 2 for	r Two-Story	SHALL BE DESIGNED TO MEET THE PC SPRINKLER DEMAND REQUIREMENTS.	
		i, Part 1, Section 4-333(b) By the		ngmeer					———————————————————————————————————————	<ol> <li>PROVIDE A SITE SPECIFIC FIRE FLOW LETTER OF CERTIFICATION FROM AN APP OR LOCAL FIRE AUTHORITY.</li> </ol>	ROVED WATER PURVEYOR
APPLY ONLY	WHEN TES	ON 4-335) TS OR INSPECTIONS APPLY TO YOUR PC SUBM								8. THIS PC PLAN SHALL NOT BE USED TO HOUSE "ROOMS OR AREAS WITH SPEC	CIAL HAZARDS" SUCH AS
r Condition a nt complies fu	or b are not illy with AST	ed in the specifications: M C94, Section 8 and 9, and has a current certific								LABORATORIES, VOCATIONAL SHOPS AND OTHER SUCH AREAS NOT CLASSIFIED	AS GROUP H, LOCATED
lant has autor	natic batchi	ng and recording capabilities from the National R		Concrete Assoc	lation				×		TION OF THE SOLAR
				ons to licensed	l weighmaster					PANEL SYSTEM, ITS ANCHORAGE & ROOF SUPPORT STRUCTURE.	and the second
	COMPACTED FILL LIGHT WEIGHT FILL OVER METAL DECK FOUNDATION FOUNDATION FOUNDATION POST INSTALLED ANCHORS Note 3 MATERIAL /ERIFICATION GF MATERIAL /ERIFICATION /ERIFICATION	2a         COMPACTED         FILL         2b         2c         7a         7c         7a         7c         7d         Veright Fill         OVER METAL DECK         12         7f         7a         7d         Veright Fill         OVER METAL DECK         12         7f         7a         7c         12         7f         7a         7c         12         7f         7a         7b         7c         7a         7c         7d         7e         12         Note 1         7c         7d         7d      7d <td>A depin and material     Materials below footing are adequate     A depin and material     Materials below footing are adequate     A depin and material     Materials below footing are adequate     A depin and material     Materials below footing are adequate     A depin and material     A depin and     A d</td> <td>GENERAL         1         1         Tell accuration extended to proper depute the method with an analysis of an advector of any an advector of the advector of any an advector of the advect</td> <td>GENERAL         1        </td> <td>GENERAL         1         Price consider address for your a sequence with the point of the poi</td> <td>Generation         1         Provide statution emitted by prior            X           Conservation         20         Network by the statution of the statuti</td> <td></td> <td></td> <td></td> <td>Amount         Important         I</td>	A depin and material     Materials below footing are adequate     A depin and material     Materials below footing are adequate     A depin and material     Materials below footing are adequate     A depin and material     Materials below footing are adequate     A depin and material     A depin and     A d	GENERAL         1         1         Tell accuration extended to proper depute the method with an analysis of an advector of any an advector of the advector of any an advector of the advect	GENERAL         1	GENERAL         1         Price consider address for your a sequence with the point of the poi	Generation         1         Provide statution emitted by prior            X           Conservation         20         Network by the statution of the statuti				Amount         Important         I

### **BUILDING DATA**

AR	CHITECT	URAL
×	TS	TITLE SHEET
X	N1.0	GENERAL NOTES
×	N2.0	GENERAL NOTES
X	N3.0	TYPICAL SCHEDULES: DOORS, WINDOWS & FINISHES
X	N4.0	ACCESSIBILITY STANDARDS & DETAILS
	<del>- N5:1</del>	- MULTIPLE FLOOR PLAN CONFIGURATIONS
X	EN.1	ENERGY CALCULATIONS
×	EN.2	ENERGY CALCULATIONS
X	EN.3	ENERGY CALCULATIONS
X	EN.4	ENERGY CALCULATIONS
X	EN.5	ENERGY CALCULATIONS
X	EN.6	ENERGY CALCULATIONS
X	A1.0	TYPICAL FLOOR PLAN
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		TYPICAL FLOOR PLAN FOR CLASSROOM w/ SOLATUBE OPT
	<u>*1.2</u>	RESTROOM OPTION FLOOR PLANS
X	A2.0	ROOF PLAN
X	A2.0	ROOF DETAILS
		NOT DETAILS
X	A3.0 A4.0	INTERIOR ELEVATIONS - TYPICAL CLASSROOM
	A4.0	
X		INTERIOR ELEVATIONS - RESTROOM OPTION
X	A5.0	TYPICAL EXTERIOR ELEVATIONS - DURATEMP 303 OPTION
	A5.1	TYPICAL ARCHITECTURAL DETAILS - DURATEMP 303 OPTION
-69-	A5.2	TYPICAL EXTERIOR ELEVATIONS - STUCCO OPTION
	<del>45.3</del>	TYPICAL ARCHITECTURAL DETAILS - STUCCO OPTION
	A5.4	TYPICAL EXTERIOR ELEVATIONS LAP SIDING OPTION
	A5.5	TYPICAL ARCHITECTURAL DETAILS LAP SIDING OPTION
	A5.8	Process Applications - SINTHERC STUCCO OPTIC
	A5.7	- TY <b>PICAL ARCHITECTURAL DETAILS - SYNTHETIC STUCCO O</b> P - NOT-USED
X	A0.0	
- 0 	A7.0	ARCHITECTURAL OPTIONS DETAILS
X		NOT USED MISCELLANEOUS ARCHITECTURAL DETAILS
	A7.2	
	<del>A8.0</del>	FIRE-RATING DETAILS
ст	RUCTURA	M
*********		
X	S0.0	STEEL MEMBER PROPERTIES
-9-	<del>- 31.0</del>	CONCRETE FOUNDATION PLAN - 50 PSF LIVE LOAD
	- 31.1	CONCRETE FOUNDATION PLAN - 50+15 PSF-LIVE LOAD
	<del>- 51.2</del>	- CONCRETE FOUNDATION PLAN - 100 PSF LIVE LOAD
-9-		-CONCRETE FOUNDATION PLAN - 150 PSF-LIVE LOAD
	<b>U</b> 1.U	CONCRETE TOONDATION FEAN - 150 FSI LIVE LOAD
		-CONCRETE FOUNDATION DETAILS
-9-		- CONCRETE FOUNDATION DETAILS - CONCRETE FOUNDATION DETAILS
- <b>B</b> -	<del>31.5</del>	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS
	<del>- 51.4</del>	- CONCRETE FOUNDATION DETAILS - CONCRETE FOUNDATION DETAILS
	S1.4 S1.5 S1.6 S1.7 S2.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L.
	S1.4 S1.5 S1.6 S1.7	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO
	S1.4 S1.5 S1.6 S1.7 S2.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L.
	S1.4 S1.5 S1.6 S1.7 S2.0 S2.1 S2.2 S2.3	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L.
	S1.4 S1.5 S1.6 S1.7 S2.0 S2.1 S2.2 S2.3	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS
φ φ <b>κα</b> φ φ φ φ φ	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK
φ <b>κ</b> κφφκφφφ	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK
φ φ <b>κα</b> φ φ φ φ φ	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/N32 DECK
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/N32 DECK ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/N32 DECK ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/SW DECK ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.2         S4.2         S4.3	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/JW DECK ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTI ROOF FRAMING DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/N32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/SW DECK ROOF FRAMING PLAN & DETAILS - CONCRETE/SW DECK ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTI ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTI ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK ROOF FRAMING DETAILS - CONCRETIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS
ф ж ж к ф к ф ф к к ф ф к к ф ф ф	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK ROOF FRAMING PLAN & DETAILS - CONCRETE/SW DECK ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS NOMENT FRAME CONNECTION DETAILS NOMENT FRAME CONNECTION DETAILS NOT-USED
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S8.0         S8.1	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK ROOF FRAMING PLAN & DETAILS - CONCRETE/J32 DECK ROOF FRAMING PLAN & DETAILS - CONCRETE/J32 DECK ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION ROOF FRAMING DETAILS MOMENT FRAME ELEVATIONS & DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/N32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/S0 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/S0 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/S0 DECK ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS NOT USED WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINOS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME CONNECTION DETAILS TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS NOT USED WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS
ψψψα×φφαφ×φαφαφα	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1         S9.2	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINOS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/N32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/N32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/JW DECK ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME CONNECTION DETAILS TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS NOT USED WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1         S9.2         S10.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN - DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/N32 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/S30 DECK ROOF FRAMING DETAILS - CONCRETE/S30 DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMING DETAILS - ROPERTIES
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1         S9.2         S10.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN - DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/N32 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/S30 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/S30 DECK ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMING DETAILS A PROPERTIES RAMP PLANS & NOTES
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1         S9.2         S10.0	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN - DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/N32 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/S30 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/S30 DECK ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMING DETAILS A PROPERTIES RAMP PLANS & NOTES
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1         S9.2         S10.0	CONGRETE FOUNDATION DETAILS CONGRETE FOUNDATION DETAILS CONGRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FO WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN - PLYWOOD OR STRUCTO-CRETE FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK ROOF FRAMING PLAN & DETAILS - CONCRETE/J3W DECK ROOF FRAMING DETAILS OPTIONAL PARAFET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME CONNECTION DETAILS TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS NOT USED WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMING DETAILS & PROPERTIES RAMP PLANS & NOTES RAMP PLANS & NOTES RAMP DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1         S9.2         S10.0         S10.1	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/J32 DECK ROOF FRAMING PLAN & DETAILS - CONCRETE/J33 DECK ROOF FRAMING PLAN & DETAILS - CONCRETE/J34 DECK ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME CONNECTION DETAILS TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS NOT USED WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMING DETAILS & PROPERTIES RAMP PLANS & NOTES RAMP DETAILS
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1         S9.2         S10.0         S10.1	CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - 150 PSF L.L. WOOD FRAMING PLAN - 150 PSF L.L. WOOF FRAMING PLAN - 150 PSF L.L. MOMENT FRAME ELEVATIONS - 000 STITI OPTION NOF FRAMING DETAILS MOMENT FRAME CONNECTION DETAILS MOT USED WOOD STUD WALL FRAMING ELEVATIONS & SCHEDULES WOOD STUDS WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMINO DETAILS & PROPERTIES RAMP PLANS & NOTES RAMP DETAILS L TYPICAL REFLECTED CEILING PLAN
	S1.4         S1.5         S1.6         S1.7         S2.0         S2.1         S2.2         S2.3         S2.4         S3.0         S3.1         S3.2         S3.3         S4.0         S4.1         S4.2         S4.3         S5.0         S5.1         S6.0         S7.0         S8.0         S8.1         S9.0         S9.1         S9.2         S10.0         S10.1	CONGRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN - DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/B30 DECK FLOOR FRAMING PLAN - DETAILS - CONCRETE/JW DECK ROOF FRAMING DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME CONNECTION DETAILS TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS NOT - USED WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMING DETAILS RAMP PLANS & NOTES RAMP PLANS & NOTES RAMP DETAILS L TYPICAL REFLECTED CEILING PLAN TYPICAL REFLECTED CEILING PLAN TYPICAL MECHANICAL PLAN OPTIONS
	S1.4 S1.5 S1.6 S1.7 S2.0 S2.1 S2.2 S2.3 S2.4 S3.0 S3.1 S3.2 S3.3 S4.0 S4.1 S4.2 S4.3 S5.0 S5.1 S6.0 S7.0 S5.1 S6.0 S7.0 S8.0 S8.1 S9.0 S9.1 S9.0 S9.1 S9.2 S10.0 S10.1 S10.1	CONGRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION PLAN - 50 PSF L.L. WOOD FOUNDATION PLAN - 50 PSF L.L. + 15 PSF P.L. WOOD FOUNDATION PLAN - 100 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION PLAN - 150 PSF L.L. WOOD FOUNDATION DETAILS FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK FLOOR FRAMING PLAN & DETAILS - CONCRETE/B36 DECK ROOF FRAMING PLAN & DETAILS - CONCRETE/B36 DECK ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - OPEN SOFFIT OPTION ROOF FRAMING PLAN & DETAILS - ENCLOSED SOFFIT OPTION ROOF FRAMING PLAN & DETAILS OPTIONAL PARAPET FRAMING ELEVATIONS AND DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS & DETAILS MOMENT FRAME CONNECTION DETAILS TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS NOT-USED WOOD STUD WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS METAL STUDS OPTION WALL FRAMING DETAILS TYPICAL METAL STUD FRAMING DETAILS & PROPERTIES RAMP PLANS & NOTES RAMP DETAILS L TYPICAL REFLECTED CEILING PLAN TYPICAL BED
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ECTION 1	GENERAL	REQUIREMENTS		SE	CTION
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AND THIS SECTIONS	GENERAL REQUIREMEN	ERAL CONDITIONS OF THE TAPPLY TO THE SEVERAL E AS THOUGH FULLY REPE	TRADE		THE MINII FOLLOWS: SLABS CONCR
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C. ALL WORK 24 CALIFOR	RNIA CODE OF REGULA	THE REQUIREMENTS OF TIT TIONS, 2013 C.B.C. NO C	HANGES		CONCRETI
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OF REGULA		OF THE STATE OF CALIFO NSPECTIONS AND VERIFIED SHALL INCLUDE:			CONCRETI ON DRAW CONCR CONCR
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AND APPROVE MECHANICAL, SHALL BE BO	ED TO INSPECT THE G AND ELECTRICAL WORI ORNE BY THE SCHOOL		LDING, TIONS		REINFORC IN THE A ASTM A70 SHALL CO INSPECTED
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	AL TESTS OR INSPECTI THE STATE ARCHITECT.	ONS AS MAY BE REQUIRED	BY THE		CTION
ADDENDUMS S D.S.A.	SHALL BE SIGNED BY	THE ARCHITECT & APPROV	ED BY		GENERAL STANDARD REGULATIO
		N CHANGE DOCUMENTS (C HITECT & APPROVED BY D.			SPECIFICA OF TITLE
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D. ALL MATERIAL REQUIREMENT: OF DSA APPL	S OF THE GOVERNING	TO CONFORM TO THE LATI BUILDING CODES IN EFFEC	EST CT AT TIME		STRUCTUR
APPLIED, INST		ERIALS AND EQUIPMENT SH ND ERECTED PER MANUFAC			B. PIPE CONTI
DRAWN TO A	IGS MAY BE REQUIRED LARGE ENOUGH SCALL AND ITS CONNECTION	. IF SO, THEY WILL BE AC TO SHOW ALL PERTINENT TO RELATED WORK.	CURATELY FEATURES		C. STEEL A.S.T.
IDENTIFICATION THE FRAME S	N LABEL ON EACH MO SEE "GENERAL DESIGN	S TO PLACE TWO PERMANE DULE, MECHANICALLY FASTI REQUIREMENTS", SHEET N E, THE PLANT INSPECTOR I	ENED TO 2.0. FOR		D. STEEL TO AS
INDICATE THE	MANUFACTURER'S NAM	AND D.S.A. APP. NUMBER.	F EACH		UNLES
WITH. ALL TE	STS REQUIRED BY FIRI	IRED BY DSA SHALL BE CO E AND LIFE SAFETY REGUL NIZED TESTING LABORATOR	ATIONS	5.	TO ITS DI AS INDICA NAILS, BO
					A. BOLTS
					CARRI AND STEEL
Nan Bandaran an Anna a	DUNDATION			6.	
<ul> <li>1500 P.S.F GRADE.</li> </ul>	OWABLE SOIL BEARING FOR CONCRETE FOU FOR WOOD FOUNDAT	NDATIONS EMBEDDED 12"	MIN. BELOW	7.	SHOP PA
		NDISTURBED, FIRM, NATUR			PRIME <del>D. NON</del> PRIME
TERPRETATION C TATE ARCHITECT, ON-CONVENTION	F REGULATIONS, IR 10 FOR TEMPORARY BUI	NTED HEREIN COMPLIES WI 5-1, ISSUED BY DIVISION DINGS. THIS FOUNDATION RAL ENGINEER TAKES NO OR LONGEVITY.	OF THE	8.	C. ALL S APPLI TESTS A. PROVI TITLE-
. WORK NOT IN				SEC	CTION
TO THE B	UILDING UNLESS INDIC	ITIES AND THE CONNECTIO ATED ON THE DRAWINGS.			SCOPE O CONTRACT
CONCRETE	OR WOOD LEVELING E INDICATED ON THE I		UNLESS	2.	MATERIALS
INTERCOM	SYSTEM, TV, TELEPHO	BELL, PUBLIC ADDRESS SY NE SYSTEM, UNLESS OTHE R MODIFIED BY CHANGE C	RWISE		OR "WEST PRODUCT: ACCORDA
. WHEELS AND	HITCH SHALL REMAIN	THE PROPERTY OF THE CO	INTRACTOR.		PLYWOOD

ACCESSIBILITY OF SITE: THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF BUILDINGS. REMOVAL OF TREES, SHRUBS. FENCING. SPRINKLERS ETC. NECESSARY FOR THE MOVE-IN OF BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

#### CONCRETE

- E CONSTRUCTION SHALL CONFORM TO ACI 318-11.
- IMUM 28 DAY STRENGTH AND TYPE OF CONCRETE SHALL BE ON GRADE & FOUNDATIONS...... 3000 PSI (150 PCF)
- RETE OVER METAL DECK...... 3000 PSI (110 PCF) IMUM WATER TO CEMENT (W/C) RATIO SHALL BE 0.55 FOR
- TIONS AND 0.40-0.45 FOR CONCRETE OVER METAL DECK SLAI
- TE SLUMP SHALL BE 4"  $\pm$  1".
- SHALL CONFORM TO ASTM C150, TYPE I OR II.
- E AGGREGATES: RAL SAND AND ROCK AGGREGATES SHALL CONFORM TO ASTM WEIGHT AGGREGATE SHALL CONFORM TO ASTM C330. AGGREGATE SIZE SHALL BE 1"±1/4".
- CING SHALL CONFORM TO ASTM A615-GRADE 60, UNLESS SE NOTED.
- E COVERAGE SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOT RETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) RETE EXPOSED TO GROUND BUT PLACED IN FORMS ... (ON GROUND).....POSITION IN CENTER OF
- S SHALL HAVE A CLASS B MINIMUM SPLICE LAP PER DETAILS 4, UNLESS OTHERWISE NOTED.
- ING BARS SHALL NOT BE WELDED UNLESS SPECIFICALLY DET PPROVED DRAWINGS. BARS DETAILED TO BE WELDED SHALL D6 BARS AND WELDING ELECTRODES SHALL BE E80XX. WELDI NFORM WITH AWS D1.4-11 AND SHALL BE CONTINUOUSLY
- WIRE FABRIC SHALL CONFORM TO ASTM A185 AND SHALL BE TWO SQUARES MINIMUM EACH DIRECTION.

THE STRUCTURAL ENGINEER PRIOR TO PLACING CONCRETE. **5 STEEL** 

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF A D SPECIFICATIONS, TITLE 24 OF CALIFORNIA CODE OF ONS AND THE AMERICAN IRON AND STEEL INSTITUTE TIONS FOR DESIGN OF STEEL STRUCTURAL MEMBERS. A COPY 24 SHALL BE KEPT AT THE JOBSITE AT ALL TIMES.
- ALL WELDING DONE BY SHIELDED ELECTRIC-ARC OR FLUX RC PROCESS COMPLYING WITH REQUIREMENTS OF THE RAL WELDING CODE" OF THE AMERICAN WELDING VELDING DONE BY OPERATORS QUALIFIED BY TESTS ACCEPTA DIVISION OF THE STATE ARCHITECT. WELDING INSPECTION PER PART 2, CCR, SECTIONS 1705A2.2.1 AND 1705.A2.2.5 WELL DE SHALL BE E70XX. ALL WELDS USED IN PRIMARY MEMBERS NECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALI TH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH ESS OF 20FT-LBS AT ZERO DEGREES F AND COMPLYING WITH 3-09. SECTION 6.3.
- RAL STEEL SHAPES SHALL CONFORM TO THE FOLLOWING: CTURAL STEEL CHANNELS SHALL CONFORM TO ASTM A572 (5
- TYP. U.N.O. COLUMNS SHALL CONFORM TO ASTM A-53 WITH SULFUR
- ENT NOT EXCEEDING 0.05% TYP. U.N,O. TUBING SHALL CONFORM TO ASTM A-500 GRADE B OR
- .M. A579 GRADE 50 FOR GAUGE TUBING-TYP. U.N.O. PLATES, ANGLES, BARS AND MISC. SHAPES SHALL CONFORM
- ASTM A36 (36 KSI) TYP. U.N.O. CTURAL WELDS ARE DESIGNED FOR FULL ALLOWABLE STRESS SS OTHERWISE NOTED.
- STRUCTURAL STEEL ERECTED TRUE, STRAIGHT, PLUMB ANI DESIGNATED LOCATIONS. FIELD CONNECTIONS BOLTED OR WELD ATED ON THE DRAWINGS.
- IOLTS, SCREWS AND NUTS, ETC. FOR EXTERIOR WORK SHALL AIUM PLATED OR GALVANIZED.
- IS FOR STRUCTURAL STEEL JOINTS SHALL CONFORM TO A.S.T.I 07 UNLESS OTHERWISE NOTED. ALL HOLES FOR MACHINE AND IAGE BOLTS THRU STEEL TO BE DRILLED, OR TORCH PILOT H REAM MIN. +1/16" TO BOLT SIZE. NELSON STUDS (WELDED ) MAY BE SUBSTITUTED FOR BOLTS SAME LENGTH AND
- ILS FABRICATED, AS DETAILED, WELDS GROUND SMOOTH.
- SED STEEL COATED WITH ONE SHOP COAT OF RED OXIDE
- TEEL COATED WITH ONE SHOP COAT OF RED OX SURFACES THOROUGHLY CLEANED BY EFFECTIVE MEANS PRIOF
- LICATION OF SHOP COATS.
- IDE MILL CERTIFICATES OR TEST ALL STEEL MEMBERS PER -24 PART 2, CCR SECTION 1704A.3

CARPENTRY

- F WORK TOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES T ARPENTRY.
- GRADE MARKED IN ACCORDANCE WITH "STANDARD GRADING AI RULES NO. 17" OF WEST COAST LUMBER INSPECTION BURE TERN LUMBER GRADING RULES", 2011 EDITION OF WESTERN 'S ASSOCIATION. OSB OR PLYWOOD GRADE MARKED IN NCE WITH PRODUCT STANDARD PS 1-09 FOR SOFTWOOD OSI OF AMERICAN PLYWOOD ASSOCIATION. EACH SHEET SHALL THE STAMP OF APA, PITTSBURGH TESTING, OR TECO.
- A. JOISTS, HEADERS, PLATES, STUDS: DOUGLAS FIR S4S #2 OR HEM S4S #2 MINIMUM, U.N.O. NOTE: MSR 1650 E1.5 MAY BE SUBSTITU FOR #2 GRADE IF IT MEETS THE STRUCTURAL REQUIREMENTS FOR FLOOR AND ROOF MEMBERS.
- B. POSTS AND TIMBERS: DOUGLAS FIR S4S #1 OR HEM FIR S4S #1
- C. BLOCKING: DOUG FIR #3, OR HEM FIR #3, OR STD. & BET.
- D. SILLS AND LUMBER & SHIM PLATES IN CONTACT WITH CONCRETE, MASONRY OR EARTH: DOUG FIR #2 OR HEM FIR #2 MIN. PRESSU TREATED IN ACCORDANCE WITH CBC 2304.11.2. EACH PIECE SHAL BEAR AWPA STAMP. AWPA STANDARD U1 & T1 GROUND CONTACT, (OR H.F.) #2 ABOVE GROUND.
- MOISTURE BARRIER: KRAFT WATERPROOF BUILDING PAPER, OR 15 FELT, CBC SECTION 1404.2.

	F. STUDS - S4S DOUG FIR #2 OR #2 HEM FIR. MAXIMUM MOISTURE	SECTION 8 HOLLOW METAL DOORS AND FRAMES
AS	CONTENT OF 19% AT TIME OF INSTALLATION. G. FASTENERS - NAILS SHALL BE CORROSION RESISTANT PER C.B.C. 2304.9.1.1 COMMON NAILS FOR EXTERIOR SIDING & FOUNDATION ONLY.	1. SCOPE OF WORK CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL HOLLOW METAL DOORS AND FRAMES.
	H. BUILDING TRIM - 2x RESAWN SELECT D.F., H.F., OR CEDAR.	2. MATERIALS
BS.	J. DOOR/WINDOW TRIM - 1x4 RESAWN D.F., H.F., OR CEDAR. K. FRAMING CONNECTORS SHALL BE FROM SIMPSON CATALOG LATEST ED.	A. DOORS - INSULATED TYPE L FULL FLUSH, MANUFACTURED BY AMWELD MANUFACTURING COMPANY, 18 GA. 1-3/4" THICK PER CS242 MIN, REINFORCE FOR HARDWARE-BOTH FACES FOR CLOSER, SOUND DEADEN INTERIOR.
	L. FIRE BLOCKS SHALL CONFORM TO CBC SECTION 718.2 M. ALL NAILS SHALL BE COMMON NAILS UNLESS OTHERWISE NOTED.	B. FRAMES - 16 GA COLD ROLLED, 2" FACES, CS242 MIN. 3 ANCHORS PER JAMB + ADJUSTABLE FLOOR ANCHOR, EACH JAMB REINFORCE FOR HARDWARE. PROVIDE STRIKE BOX, PROVIDE SOUND DEADENING: 1/8" UNDERCOATING OR INSULATING FILL.
1 C33.	<ul> <li>N. FOUNDATION LUMBER: ALL CUT ENDS AND HOLES IN PRESSURE TREATED LUMBER SHALL BE TREATED WITH "CUPRINOL".</li> <li>O. ALL BOLTS AND LAG SCREWS SHALL COMPLY WITH THE 2012 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (ANSI\AWC NDC 2010)</li> </ul>	3. WORKMANSHIP ALL WORK FABRICATED IN SHOP TO REQUIRED PROFILES BY FORMING AND WELDING, WITH ARISES AND EDGES STRAIGHT, SHARP FIT FABRICATED ACCURATELY WITH SQUARE CORNERS, HAIRLINE JOINTS AND SURFACES
DTED	NDS-2012). P. HOLES FOR BOLTS IN WOOD SHALL BE BORED WITH A BIT OF THE SAME NOMINAL DIAMETER AS THE BOLT + 1/16".	FREE FROM WARP, WAVE, BUCKLE OR OTHER DEFECTS AFTER FABRICATION, DOORS AND FRAMES CLEANED THOROUGHLY, ALL WELDS GROUND SMOOTH AND GIVEN PRIME COAT.
3" 2" SLAB	Q. HOLES FOR LAG SCREWS SHALL BE FIRST BORED TO THE SAME NOMINAL DIAMETER AND DEPTH AS THE SHANK. THE REMAINDER OF	SECTION 9A         EXTERIOR PLASTER           LATHING AND PLASTERING MATERIALS AND ACCESSORIES SHALL BE MARKED BY
5	THE HOLE SHALL BE NO LARGER THAN THE ROOT OF THE THREAD. R. ALL BOLTS AND LAG SCREWS SHALL BE PROVIDED WITH METAL WASHERS UNDER HEADS AND NUTS WHICH BEAR ON WOOD.	THE MANUFACTURER'S DESIGNATION TO INDICATE COMPLIANCE WITH THE APPROPRIATE STANDARDS REFERENCED IN THIS SECTION AND STORED IN SUCH A MANNER TO PROTECT THEM FROM THE WEATHER, PER C.B.C 2507.1.
TAILED BE NNG	3. WORKMANSHIP	LATHING AND PLASTERING MATERIALS SHALL CONFORM TO THE STANDARDS LISTED IN C.B.C. TABLE 2507.2 AND CHAPTER 35, AND, WHERE REQUIRED FOR
E LAP	A. FRAMING - SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE. WORK CUT, FITTED AND ASSEMBLED LEVEL PLUMB AND TRUE TO LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES.	FIRE PROTECTION, SHALL ALSO CONFORM TO THE PROVISIONS OF CHAPTER 7. GYPSUM BOARD AND GYPSUM PLASTER CONSTRUCTION SHALL BE OF THE MATERIALS LISTED IN C.B.C. TABLES 2506.2 AND 2507.2. THESE MATERIALS SHALL BE ASSEMBLED AND INSTALLED IN COMPLIANCE WITH THE APPROPRIATE
L	B. NAILING - IN ACCORDANCE WITH TITLE 24, CALIFORNIA BUILDING CODE, TABLE 2304.9.1	STANDARDS LISTED IN TABLES 2508.1 AND 2511.1, AND CHAPTER 35 (PER 2508.1). 2510.6 WATER-RESISTIVE BARRIERS. WATER-RESISTIVE BARRIERS SHALL BE
NSC PY	C. EXTERIOR WALLS - FACTORY FABRICATED. CAULKING PROVIDED BETWEEN PERIMETER OF WALL AND STRUCTURAL MEMBERS PROVIDING WEATHER-PROOF AND WATER-TIGHT SEAL. NECESSARY CLOSERS, SEALS, AND FLASHINGS PLACED AT TOP AND BASE SUPPORT OF PANELS AND AROUND OPENINGS.	INSTALLED AS REQUIRED IN SECTION 1404.2, AND WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER.
X	D. NAILS INTO P.T. LUMBER TO BE HOT DIPPED GALVANIZED.	EXCEPTION: WHERE THE WATER-RESISTIVE BARRIER THAT IS APPLIED OVER WOOD-BASED SHEATHING HAS A WATER RESISTANCE EQUAL TO OR GREATER THAN THAT 60-MINUTE GRADE D PAPER AND IS SEPARATED FROM THE
BLE	E. MACHINE APPLIED NAILING: USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOBSITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL BY THE PROJECT ARCHITECT OR STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT. THE APPROVAL IS SUBJECT TO	STUCCO BY AN INTERVENING, SUBSTANTIALLY NONWATER-ABSORBING LAYER OR DRAINAGE SPACE. 1. PLASTER NOTES: PLASTERING WITH CEMENT PLASTER SHALL NOT BE LESS
R DING S L BE	CONTINUED SATISFACTORY PERFORMANCE. MACHINE NAILING WILL NOT BE APPROVED IN 5/16" OSB. IF NAILHEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED THE	THAN THREE COATS WHEN APPLIED OVER METAL LATH OR WIRE FABRIC LATH AND SHALL NOT BE LESS THAN TWO COATS WHEN APPLIED OVER MASONRY CONCRETE OR GYPSUM BACKING AS SPECIFIED IN SECTION 2510.5.
Η	F. MOISTURE BARRIER - APPLIED TO STUDS WEATHER-BOARD FASHION, HORIZONTAL JOINTS LAPPED MIN 6" INCLUDING BUILDING CORNERS.	A. THE FIRST COAT SHALL BE APPLIED WITH SUFFICIENT MATERIAL AND PRESSURE TO FILL SOLIDLY ALL OPENINGS IN THE LATH. THE SURFACE SHALL BE SCORED HORIZONTALLY SUFFICIENTLY ROUGH TO PROVIDE
50	G. TRIM SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING UNLESS TRANSPARENT TYPE.	ADEQUATE BOND TO RECEIVE THE SECOND COAT. B. THE SECOND COAT SHALL BE BROUGHT OUT TO PROPER THICKNESS, RODDED AND FLOATED SUFFICIENTLY ROUGH TO PROVIDE ADEQUATE BOND FOR THE FINISH COAT. THE SECOND COAT SHALL HAVE NO
		VARIATION GREATER TO THAN 1/4 INCH (6.4 mm) IN ANY DIRECTION UNDER 5-FOOT STRAIGHT EDGE. C. THE FINISH COATS SHALL BE APPLIED OVER BASE COATS THAT HAVE
	SECTION 7A     SHEET METAL       1. SCOPE OF WORK	BEEN IN PLACE FOR THE TIME PERIODS SET FORTH IN ASTM C 926. THE THIRD OR FINISH COAT SHALL BE APPLIED WITH SUFFICIENT MATERIAL AND PRESSURE TO BOND TO AND TO COVER THE BROWN COAT AND SHALL BE OF SUFFICIENT THICKNESS TO CONCEAL THE
	CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL INDICATED SHEET METAL.	BROWN COAT.
	2. MATERIALS	SECTION 9B PAINTING 1. SCOPE OF WORK.
1D DED	<ul> <li>A. SHEET METAL - STEEL SHEETS HOT DIP GALVANIZED WITH 1.25 OZ. PER SQUARE FOOT ZINC COATING CONFORMING TO ASTM A526. MINIMUM 26 GA. UNLESS OTHERWISE NOTED ON THE DRAWINGS.</li> <li>B. SOLDER - OF STAND, GRADE "A" OF EQUAL PARTS, ARD BRAND, LEAD</li> </ul>	CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PAINT BUILDING. ALL EXPOSED SURFACES OF BUILDING AND RAMPS SHALL BE PAINTED EXCEPT ALUMINUM WINDOW FRAMES, THRESHOLDS, AND ROOFING.
.M.	AND TIN ASTM B32. C. FLUX - ZINC SATURATED MURIATIC ACID.	2. MATERIALS A. FOR EXTERIOR WOOD: REF.BRAND DUNN KELLY SHERWIN SINCLAIR
) HOLE TO	D. GUTTERS: 26 GA. G-90 GALV. STEEL DOWNSPOUTS: 2"x3" CONVOLUTED 30 GA. G-90 GALV. STEEL GUTTER ENDCAPS: 26 GA. G-90 GALV. STEEL	REF.BRANDDUNNKELLYSHERWINSINCLAIREDWARDSMOOREWILLIAMSPRIMER42-9M1240Y24W20289-NFINISHQD-60-XX1240-XXXB54WZ102GE2-NXX
	GUTTER CLIPS: 18 GA. G-90 GALV. STEEL 3. WORKMANSHIP	B. FOR INTERIOR TRIM: REF.BRAND DUNN KELLY SHERWIN SINCLAIR EDWARDS MOORE WILLIAMS
	SHEET METAL ACCURATELY FORMED TO DIMENSIONS AND SHAPES DETAILED WITH TRUE STRAIGHT LINES, CORNERS AND ANGLES. FLASHING INSTALLED IN LONGEST LENGTHS POSSIBLE. EXTERIOR WORK FORMED, FABRICATED	FINISH W450-XX 1650-XXX A26W11 40XX C. FOR METAL: REF.BRAND DUNN KELLY SHERWIN SINCLAIR
<del>DE</del>	AND INSTALLED SO THAT IT ADEQUATELY PROVIDES FOR EXPANSION AND CONTRACTION IN THE COMPLETED WORK AND FINISHES WATER AND WEATHER TIGHT. ALUMINUM SHALL BE SEPARATED FROM FERROUS METAL	REF.BRANDDONNRELETSheltwingShoelandEDWARDSMOOREWILLIAMSPRIMER43-41710B50NZ615NFINISH10-XX1700-XXXB54WZ102GE2-NXX
r to	BY POLYETHYLENE TAPE OR FLOOD COAT OF ASPHALTIC PAINT.	D. INTERIOR PAINT & COATINGS SHALL COMPLY WITH TITLE 24, PART 11, "CALGREEN" SECTION 5.504.4.3.
	SECTION 7B METAL ROOFING 1. SCOPE OF WORK	3. WORKMANSHIP ALL EXPOSED SURFACES SHALL BE PAINTED EXCEPT ALUMINUM WINDOW FRAMES AND THRESHOLDS. MATERIAL SHALL BE OF THE GRADE SPECIFIED OR EQUAL.
Ö	CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL METAL ROOFING. TEST RESULTS OR CALCULATIONS SHOWING THE ROOFING SYSTEM WILL WITHSTAND THE UPLIFT OF 110 MPH ULTIMATE WIND SPEED SHALL BE SUBMITTED WITH THE PLANS AND SPECIFICATIONS.	A. EXTERIOR WOOD SIDING, TRIM AND SKIRTING FLAT OR SEMI-GLOSS LATEX - APPLY ONE COAT OF PRIME AND AT LEAST ONE FINISH COAT. PRIME COAT SHALL BE BRUSHED ON OR SPRAYED AND BACK BRUSHED INTO ALL GROOVES IN THE SIDING. IF NECESSARY, IN THE OPINION OF
ND EAU,	2. MATERIALS	THE INSPECTOR, AN EXTRA COAT SHALL BE APPLIED TO ALL GROOVES SO THAT THE FINISH COAT WILL HAVE A UNIFORM APPEARANCE. ALLOW PRIME COAT TO DRY ACCORDING TO MANUFACTURER'S DECOMMENDATION. PRIME AND ENJIEL COATS SHALL BE COMPATIBLE
WOOD B OR BEAR	A. ROOF: 3 INCH STANDING SEAM, MINIMUM 20-GAUGE G-90 GALV. INTERLOCKING (UN-PENETRATED) SHEET STEEL PANELS (G90). ALTERNATE: 26 GAUGE WHEN INSTALLED OVER PLYWOOD SHEATHING.	RECOMMENDATION. PRIME AND FINISH COATS SHALL BE COMPATIBLE AND MANUFACTURED BY THE SAME COMPANY. B. INTERIOR TRIM - TRIM NOT PRE-COATED SHALL BE PAINTED WITH TWO
I FIR	B. CLASS B FIRE RATING	COATS OF SEMI-GLOSS LATEX OVER PRIMER. C. INTERIOR HARDWOOD CABINETS - TWO COATS LOW LUSTER
UTED	SECTION 7C SEALANT	POLYURETHANE FINISH. APPLY FIRST COAT THINNED WITH ONE QUART MINERAL SPIRITS PER GALLON. APPLY SECOND COAT AS RECOMMENDED BY MANUFACTURER.
MIN.	CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL AND SERVICES TO SEAL BUILDINGS. 2. MATERIALS	D. METAL – ALL METAL SURFACES SHALL BE PAINTED WITH TWO COATS OF ALKYD FINISH COAT OVER ZINC CHROMATE OR EQUAL RUST INHIBITING PRIMER.
JRE L D.F.	VULKEM SEALANT, POLYURETHANE, MANUFACTURED BY MAMECO INTERNATIONAL FOR ROOFS. "GEOCEL" SILICONIZED CAULK, GE, DUPONT, EAGLESEAL OR DAP FOR ALL OTHER APPLICATIONS, OR EQUAL. 3. WORKMANSHIP	E. RAMP - ONE COAT OF FERROX NON-SLIP (0.8 MIN. C.O.F.) SURFACING AS MANUFACTURED BY AMERICAN ABRASIVE METALS OR COMPARABLE. ALL PAINTS OF THE TYPE INDICATED SHALL BE LISTED ON THE STATE OF CALIFORNIA QUALIFIED PRODUCTS LIST FOR MAINTENANCE PAINTS 8010-91G-98A DATED JULY 1989. OR EQUAL.
	SEALANT APPLIED TO DRY CLEAN SURFACES, WHEREVER INDICATED ON	

SECTION 9C INTERIOR AIR QUALITY CONTROL THE INTERIOR ENVIRONMENT SHALL BE ASSEMBLED WITH PRODUCTS THAT CONTRIBUTE TO A HEALTHY INDOOR AIR QUALITY (IAQ). THE FOLLOWING SHALL COMPLY TITLE 24, PART 11 ("CAL-GREEN"): ADHESIVES, SEALANTS, CAULKS SECTION 5.504.4.1 American Modular Systems SECTION 5.504.4.3 2. PAINTS, COATINGS 3. AEROSOL PAINTS & COATINGS SECTION 5.504.4.3.1 787 Spreckels Ave.Manteca, CA 95336 4. CARPET SYSTEMS SECTION 5.504.4.4 Phone (209) 825-1921 - Fax (209) 825-7018 5. CARPET CUSHION OR PAD SECTION 5.504.4.4.1 americanmodular.com SECTION 5.504.4.5 6. COMPOSITE WOOD PRODUCTS RESILIENT FLOORING SYSTEMS SECTION 5.504.4.6 MODULAR MANUFACTURER PROPRIETARY STATEMENT SECTION 13 SITE ASSEMBLY THESE DRAWINGS AND THE MATERIAL CONTAINED THERE-IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OF SCOPE OF WORK OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND CONTRACTOR SHALL PROVIDE ALL LABOR MATERIALS AND SERVICES TO SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM THE PLANT TO IN THE MAKING OF OR FOR THE PURPOSE OF THE SITE AND TO COMPLETE THE ASSEMBLY AT THE SITE. THE CONDITION FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT. UNLESS SPECIFICALLY WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN CALLED FOR IN THE CONTRACT, STEPS, RAMPS, OR HANDRAILS SHALL BE AND ORIGINATING WITH AMS SHALL BE THE SOLE THE RESPONSIBILITY OF THE CONTRACTOR. PROPERTY OF AMS. 2. ASSEMBLY OF ELEMENTS PRE-CHECKED SET NAME A. IN A LOCATION ON THE SITE AS DETERMINED BY THE SCHOOL 24' x 40' THRU 120' x 40' DISTRICT. (APPROVED BY DSA) THE CONTRACTOR SHALL PLACE WOOD LEVELING STRIPS OR OTHER SUITABLE SUPPORTS AS DETAILED ON THE BUILDINGS DRAWINGS. B. THE ELEMENTS SHALL BE BROUGHT TO THE SITE ON WHEEL ASSEMBLY AND TRANSFERRED TO THE PREPARED SITE. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR BUMPING EACH OTHER. C. CONNECTION OF THE ELEMENTS TOGETHER SHALL BE DONE ACCORDING TO INSTRUCTION ON THE DRAWINGS. FLASHINGS, TRIM AND OTHER LOOSE ITEMS SHALL BE INSTALLED PER DETAILS ON THE DRAWINGS. SITE SPECIFIC PROJECT NAME **AIR CONDITIONING** SECTION 23 SCOPE OF WORK (SEE SHEET M1.7 FOR HVAC SPEC. AND NOTES) CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL THE AIR CONDITIONING SYSTEM AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS, INCLUDING A/C UNITS AND ACCESSORIES, REMOTE SHEET TITLE THERMOSTAT, GRILLS AND POWER WIRING COMPLETE TO LOAD CENTER. CONTRACTOR SHALL INSTRUCT OWNER'S OPERATORS ON OPERATION AND MAINTENANCE OF A/C SYSTEM. **GENERAL NOTES** EQUIPMENT SEE NOTE ON FLOOR PLAN FOR SIZE AND TYPE. WORKMANSHIP UNITS SHALL BE INSTALLED COMPLETE AND OPERATING WITH ALL ACCESSORIES IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. SECTION 26 ELECTRICAL MANUFACTURER PROFESSIONAL OF RECORD ON PC SCOPE OF WORK A. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES FOR ELECTRICAL INSTALLATION COMPLETE WITH ASSOCIATED EQUIPMENT AND FIXTURES, IN OPERATING CONDITION READY FOR USE. THE WORK INCLUDES: LIGHT AND POWER SYSTEMS, LIGHTING FIXTURES COMPLETE WITH LAMPS, CONNECTIONS AND DISCONNECTS TO A/C EQUIPMENT, EMERGENCY VOICE ALARM COMMUNICATION SYSTEMS (EVACS). B. PROVIDE CONDUIT WITH PULL STRINGS AND JUNCTION BOXES FOR AUTOMATIC DETECTION FIRE ALARM SYSTEM AND NOTIFICATION PER NFPA 72. MATERIALS ALL NEW COMPLYING WITH REQUIREMENTS OF CALIFORNIA ELECTRIC CODE AND NATIONAL FIRE PROTECTION ASSOCIATION. A. ELECTRIC METALLIC TUBING - COUPLING AND FLEX CONDUIT GALVANIZED OR SHERARDIZED. EXTERIOR FLEX-GALV. STEEL WITH FACTORY APPLIED P.V.C. JACKET. B. PANEL BOARDS - FLUSH MOUNTED. C. CONDUCTORS - COPPER, INSULATED FOR 600 VOLTS, TYPE THHN PROJECT SPECIFIC STATE AGENCY APPROVAL FOR SIZES #12 TO #6, TYPE THW FOR LARGER SIZES. MINIMUM SIZE-#14. **IDENTIFICATION STAMP** D. RECEPTACLES - AS NOTED. +15" A.F.F. MIN. TO BOTTOM OF BOX DIVISION OF THE STATE ARCHITECT E. CLOCK RECEPTACLE - AS NOTED. APPL 01-115705 F. SWITCHES - AS NOTED. +48" A.F.F. MAX. TO TOP OF BOX \_sss\_ 🎢 FIS G. LIGHTING FIXTURES - AS NOTED ON THE DRAWINGS. DATE APR 0 8 2016 WORKMANSHIP MATERIALS AND EQUIPMENT INSTALLED IN A SECURE, NEAT, WORKMANLIKE MANNER IN ACCORDANCE WITH CODE REQUIREMENTS. ORIGINAL PC STATE AGENCY APPROVAL PANEL BOARD CARDS SHALL BE FILLED OUT. CONDUIT AND CABLE IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT CA. DEPT. OF GENERAL SERVICES INSTALLED IN WALL AND CEILING SPACES. WORK PIERCING WATERPROOFED AREAS FLASHED AND SEALED TO A WATERTIGHT CONDITION. BUILDING CONDUIT/WIRING FROM FACE OF BUILDING TO SITE TERMINATION BY SITE CONTRACTOR (N.I.C.). (FLEXIBLE CONDUIT PC 02-113876 S-BEND SEALTITE). HALESANESS DA INSPECTION 6/22/15 INSPECTION OF PREFABRICATED BUILDINGS IS DIVIDED INTO TWO SEPARATE FUNCTIONS: IN-PLANT INSPECTION. PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC ON-SITE INSPECTION. 2. A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED REVISIONS THE CONTRACTOR SHALL ALLOW UP TO SEVEN (7) DAYS FROM THE DATE OF PLAN APPROVAL TO OBTAIN AN IN-PLANT INSPECTOR APPROVED BY D.S.A. IN-PLANT INSPECTION AND MATERIAL TESTING SHALL BE ACCOMPLISHED UNDER THE SUPERVISION OF THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ARCHITECT, DSA, AND THE DESIGNATED INSPECTOR/INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. THE MANUFACTURER SHALL PROVIDE THE DRAWN BY: INSPECTOR WITH FULL ACCESS TO ALL PLANT OPERATIONS INVOLVING AS NOTED SCALE: WORK UNDER THIS CONTRACT AND SHALL ADVISE THE INSPECTOR IN ADVANCE OF THE TIME AND PLACE OF OPERATIONS THAT THE INSPECTOR DATE: WANTS TO OBSERVE TAKE PLACE. BEFORE THE BUILDING(S) ARE SHEET NUMBER REMOVED FROM THE PLANT FOR DELIVERY TO THE STORAGE FACILITY, OR FROM THE STORAGE FACILITY TO THE SITE, THE INSPECTOR SHALL DETERMINE THAT THEY ARE ACCEPTABLE AND ISSUE A WRITTEN RELEASE WHICH SHALL BE IN THE FORM OF A VERIFIED REPORT (FORM SSS-6).

A COPY OF THE INSPECTOR'S VERIFIED REPORT SHALL ACCOMPANY EACH BUILDING TO STORAGE OR TO THE SITE. THE INSPECTOR SHALL PUT ONE COPY IN EACH BUILDING.

#### COORDINATION OF WORK

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THE CONTRACTOR IS RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS WITH THE SCHOOL DISTRICT AUTHORIZED REPRESENTATIVE FOR ACCESS TO GROUNDS AND REMOVAL OF EQUIPMENT, IF NECESSARY. THIS CONTACT SHALL BE MADE AT LEAST 48 HOURS PRIOR TO DELIVERY OF ANY MODULE. ON-SITE INSPECTION SHALL BE DONE BY THE SITE INSPECTOR. ALL WORK WHICH THE MANUFACTURER OR HIS SUBCONTRACTORS PERFORM AT THE SITE SHALL BE SUBJECT TO THE INSPECTION OF THE SITE INSPECTOR. THE MANUFACTURER WILL FURNISH THE SITE INSPECTOR WITH SUCH INFORMATION AS MAY BE NECESSARY TO KEEP HIM FULLY INFORMED AS TO PROGRESS OF WORK AND DATES WHEN SITE WORK WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE INSPECTION AGENCY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.

THE CONTRACTOR SHALL VERIFY THAT THE DISTRICT'S SITE IS READY TO RECEIVE THE CLASSROOM(S) PRIOR TO THE DELIVERY OF ANY CLASSROOM(S) BY VISITING EACH SITE (THIS MAY BE DONE BY THE INSPECTOR).

#### MATERIALS AND WORKMANSHIP

- ALL CONTRACTORS SHALL CERTIFY THAT NO ASBESTOS-CONTAINING BUILDING MATERIALS WHICH EXCEED STATE AND FEDERAL MANDATED SAFE ASBESTOS LEVELS HAVE BEEN USED IN THE CONSTRUCTION OF RELOCATABLE FACILITIES.
- 2. ALL WORKMEN SHALL BE SKILLED AND QUALIFIED FOR THE WORK WHICH THEY PERFORM. ALL MATERIALS USED, UNLESS OTHERWISE SPECIFIED.SHALL BE NEW AND OF THE TYPES AND GRADES SPECIFIED. THE CONTRACTOR SHALL, IF REQUESTED, FURNISH EVIDENCE SATISFACTORY TO THE ARCHITECT THAT SUCH IS THE CASE.
- . CONTRACTOR'S CREWS ASSIGNED TO ANY WORK PERFORMED UNDER THIS CONTRACT SHALL INCLUDE ONE COMPETENT AND FULLY EXPERIENCED PERSON DESIGNATED AS THE RESPONSIBLE PERSON IN CHARGE. SUCH PERSON MUST BE IDENTIFIED BY NAME TO THE DISTRICT IN ADVANCE OF ANY WORK. UPON REQUEST, THE CONTRACTOR SHALL PROMPTLY FURNISH TO THE DISTRICT INFORMATION RELATING TO THIS EMPLOYEE'S EXPERIENCE.
- WORKMANSHIP SHALL BE EQUAL OR BETTER IN QUALITY TO THAT REQUIRED BY THE CONSTRUCTION TRADES FOR A FINISHED PRODUCT. A QUALITY CONTROL SUPERVISOR, DESIGNATED BY THE MANUFACTURER, SHALL REVIEW ALL WORK IN PROGRESS AND SHALL REVIEW THE FINISHED BUILDING PRIOR TO FINAL INSPECTION TO ASSURE IT IS COMPLETE AND CORRECT. THE QUALITY CONTROL SUPERVISOR SHALL HAVE THE AUTHORITY TO HAVE MATERIALS REPLACED AND WORK REDONE IN ORDER TO CORRECT FAULTY MATERIALS OR WORKMANSHIP.

#### **GENERAL DESIGN REQUIREMENTS**

- SO THAT TWO MODULES UP TO (10) APPROXIMATELY 12' × 40' MODULES DESIGNED MAY BE JOINED TOGETHER TO FORM A COMPLETE STRUCTURE TO MAINTAIN A POSITIVE ALIGNMENT OF FLOORS, WALLS, AND ROOF AND TO PERMIT SIMPLE NON-DESTRUCTIVE DETACHMENT FOR FUTURE RELOCATION.
- 2. EACH MODULE SHALL BE PERMANENTLY IDENTIFIED WITH (2) IMPRINTED (STAMPED NOT ENGRAVED) METAL IDENTIFICATION TAGS 3"x1-1/2" MINIMUM SIZE WITH THE FOLLOWING INFORMATION:
- A. MANUFACTURER'S NAME AND BUILDING SERIAL NUMBER.
- B. DESIGN WIND SPEED / EXPOSURE C. DESIGN SEISMIC S<sub>S</sub> VÁLUE / SITE SEISMIC S<sub>S</sub> VALUE
- . DESIGN ROOF LIVE LOAD
- DESIGN FLOOR LIVE LOAD . D.S.A. APPLICATION NUMBER
- 2-TAGS PER MODULE: ONE ON EXTERIOR, AND ONE ON MODULE BEAM AT FRONT OF BUILDING ABOVE CEILING.
- . EACH MODULE SHALL BE CAPABLE OF RESISTING ALL VERTICAL AND LATERAL LOADS DURING TRANSPORTATION AND RELOCATION. (NORMAL INDUSTRY PRACTICE FOR BRACING MODULES DURING TRANSPORTATION AND RELOCATIONS IS ACCEPTABLE.) WHEN MODULES ARE ASSEMBLED JOINTS SHALL BE SEALED WITH REMOVABLE CLOSING STRIPS OR OTHER METHOD TO PRESENT A FINISHED APPEARANCE AND BE PERMANENTLY WATERPROOF.
- EACH MODULE SHALL BE SUFFICIENTLY RIGID TO BE JACKED UP AT THE FRONT AND BACK CORNERS FOR RELOCATION WITHOUT DAMAGE OR THE MODULE SHALL HAVE LIFT LUGS AT FRONT AND BACK LOCATED AS REQUIRED SO THAT THE MODULE MAY BE JACKED UP FOR RELOCATION IN ONE PIECE WITHOUT ADDITIONAL SUPPORTS OF ANY TYPE. EVIDENCE OF EXCESSIVE BOWING DURING THE INSTALLATION OF THE MODULES WHICH. IN THE OPINION OF THE AGENCY ARCHITECT OR STRUCTURAL ENGINEER, CAUSES EXCESSIVE WORKING AT ANY JOINT OR COMPROMISES THE STRUCTURAL INTEGRITY OF THE MODULE SHALL BE SUFFICIENT REASON FOR REJECTION OF THE MODULE.
- FINISH AND BASE MATERIALS AT EACH MODULE SHALL TERMINATE AT INTERIOR MODULE JOINTS IN A MANNER TO JOIN FLUSH AND TIGHT WITH SAME MATERIAL IN ADJACENT MODULE SO THE MODULE MAY BE RELOCATED WITH MINIMUM CUTTING AND PATCHING.

#### MARKERBOARD SPECIFICATIONS

MARKERBOARDS SHALL BE 24 GA. PORCELAIN STEEL FACING SHEET SUITABLE TO ACCEPT DRY ERASE FELT MARKERS. THE FACING SHEET SHALL BE LAMINATED TO PARTICLE BOARD SUBSTRATE WITH A MINIMUM DENSITY OF 45lbs./cu.ft. THE PANEL SHALL HAVE A FOIL BACKING. THE PANELS SHALL HAVE EXTRUDED ALUMINUM MOLDING AND CHALKRAIL WITH A MINIMUM OF 2 15/16" PROJECTION FROM THE FACE OF PANEL. THREE MAP HOOKS WITH CLIPS PER PANEL SHALL BE PROVIDED. ONE FLAG HOLDER, 1/2" SIZE, SHALL BE PROVIDED FOR EACH CLASSROOM. EACH CLASSROOM SHALL HAVE 2 EACH 4'x8' PANELS INSTALLED SIDE BY SIDE TO MAKE A 4'x16' PANEL, CENTERED ON THE WALL.

REFERENCE BRANDS: CHATFIELD-CLARKE Co, Inc. SERIES 500 OR NELSON ADAMS Co. NACO SERIES 60.

#### INTERIOR

- FLOOR: CARPETS CARPET PER STATE OF CALIFORNIA SPEC COMP WITH GROUP 1 TYPE A, OR TYPE B CLASS 2, DENSITY 4600, DIRE DOWN. (CARPET SHALL BE SECURELY ATTACHED, HAVE FIRM CUSHIC OR BACKING OR NONE AT ALL AND HAVE A LEVEL LOOP. TEXTURED LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE TEXTURE. THE MAXIMU HEIGHT SHALL BE 1/2" INCH. CARPET EDGE TRIM SHALL COMPLY I SECTION 11B302.2) GROUP 1 TYPE A, CLASS 26. COLOR WILL BE SELECTED BY ARCHITECT AFTER AWARD OF BID. THE CARPET DENSI SHALL BE 4600 MINIMUM. PILE YARN SHALL BE BRANDED NYLON. CROSS SEAMS SHALL BE ALLOWED. PILE HEIGHT 1/2" MAX.
- 2. BASE: RESILIENT COVE BASE BEST QUALITY, MOULDED RUBBER. THICK, 4" HIGH MOULDED TOP SET COVE. PROVIDE PREFORMED BA SQUARE EXTERNAL CORNERS AND PREFORMED END STOPS WHERE DOES NOT ABUT. SOLID COLOR AS MANUFACTURE BY "JOHNSONITE FLEXCO, OR EQUAL. APPLY COVE TO COMPLETE PERIMETER OF CLASSROOM.
- INTERIOR WALLS SHALL BE VINYL COVERED TACKBOARD (U.O.N.) AP ONE CONTINUOUS LENGTH FROM FLOOR TO CEILING. THE TACKBOAF SHALL BE INDUSTRIAL INSULATION BOARD MANUFACTURED SPECIFICA A SUBSTITUTE FOR VINYL COVERED WALL PANELS. THE BOARD SHA ASPHALT FREE, SHALL HAVE AN IRONED-ON COATING AND SHALL H MINIMUM DENSITY OF 18 LBS. PER FOOT. THE VINYL COATING SHAL MADE OF VIRGIN VINYL CALENDERED BASE COLOR, WEIGHING A MIN 8 OZ. PER SQUARE YARD. THE COATING BACKING SHALL BE SHEET NON-WOVEN FABRIC. THE VINYL COATING SHALL BE MECHANICALLY LAMINATED, WITH THE LONG EDGES WRAPPED, TO THE TACKBOARD. TACKBOARD SHALL BE APPLIED OVER 1/2" SHEETROCK OR OSB SHEATHING. THE VINYL WALL COVERED PANEL SHALL HAVE A CLASS FLAME SPREAD RATING. THE PANEL SHALL BE APPROVED FOR CLASS USE BY THE CALIFORNIA STATE FIRE MARSHAL. REFERENCE BRAND: COVERED TACKBOARD AS MANUFACTURED BY CHATFIELD-CLARKE OR COMPARABLE. CARE SHALL BE TAKEN IN MOUNTING THE TACKBOARD THAT THE TEXTURE OF ALL PANELS WILL HAVE THE SAME ORIENTAT AND COLOR MATCH.
- CEILING: SUSPEND T-BAR SYSTEM, SEE SHEET M1.3 FOR DETAILS. MATERIALS AND INSTALLATION PER ASTM C 635, ASTM C636 AND I 25-2.13 INCLUSIVE AS APPLICABLE TO CLASSROOMS. PANELS SHAL 5/8" MINIMUM THICK. MINERAL FIBERBOARD OR VINYL-FACED FIBER LAY-IN PANELS SQUARE EDGE ASTM FLAME SPREAD CLASS 1. LIGHT REFLECTION 75% MINIMUM. NOISE REDUCTION COEFFICIENT OF 0.65 MINIMUM, MAXIMUM SMOKE DENSITY NOT TO EXCEED 450.
- THE INTERIOR ENVIRONMENT SHALL BE ASSEMBLED WITH PRODUCTS CONTRIBUTE TO A HEALTHY INDOOR AIR QUALITY (IAQ). THE FOLLOW SHALL COMPLY TITLE 24, PART 11 ("CAL-GREEN"), SECTION 5.504.
- A. ADHESIVES, SEALANTS AND CAULKS 5.504.4.1 PAINTS AND COATINGS 5.504.4.3 5.504.4.3.1 AEROSOL PAINTS AND COATINGS CARPET SYSTEMS 5.504.4.4 5.504.4.4.1
- CARPET CUSHION
- COMPOSITE WOOD PRODUCTS 5.504.4.5 5.504.4.6
- RESILIENT FLOORING SYSTEMS H. HVAC FILTER (MERV RATING OF 8+) 5.504.5.3.1
- 6. FLAME/SMOKE SPREAD:

PIPE INSULATION FLAME
SPREAD MAX = $25$
SMOKE DENSITY MAX = $450$
DUCT INSULATION FLAME
SPREAD MAX = $25$
SMOKE DENSITY MAX = $50$

#### DOORS & WINDOWS

- EXTERIOR DOORS: METAL DOORS 3'-0"x7'-0" HOLLOW METAL INSTRUCTION OF 1 SHEET OF 18 GA. GRADE II STEEL ASSEM CS242 MINIMUM, AND REINFORCED WITH 20 GA. MINIMUM. FILL DO SPACES WITH MINERAL WOOL OR OTHER INSULATION. (REINFORCE FACES FOR CLOSURE.) PROVIDE FLUSH TOP ON DOORS. HARDWAR REINFORCEMENT SHALL BE 10 GA. MIN FOR HINGES, DOOR FRAME BE 16 GA. PRESSED STEEL FRAME ASTM A366 & C5242. HARDWAR REINFORCEMENT SHALL BE 10 GA. PLATE. FRAMES SHALL BE DESIG WITH INTEGRAL STOP AND TRIM. PROVIDE (3) ANCHORS PER JAMB ADJUSTABLE FLOOR ANCHOR. ROOMS WITH AN OCCUPANT LOAD OF OR MORE SHALL HAVE DOOR HARDWARE CAPABLE OF BEING LOCKE THE INSIDE (PER CBC 1008.1.11).
- 2. EXTERIOR WINDOWS: PROVIDE ANODIZED ALUMINUM FRAME 5/8" DUAL PANE WINDOW UNITS, AS SHOWN ON FLOOR PLANS. THE 5/ DIMENSION IS THE MINIMUM THICKNESS FOR THE DUAL GLAZED WI PANEL CONSISTING OF TWO LITES OF GLASS AND THE AIR SPACE.
- GLAZING MATERIAL SHALL BE: EXTERIOR LITE 3/16" MINIMUM TEN GLASS OR LAMINATED AS - 1 GLASS OF SOLAR GRAY GLARE REDU TYPE WITH A LIGHT TRANSMISSION FACTOR OF 45% MAXIMUM. INTER LITE - 1/8" MINIMUM CLEAR TEMPERED. MINIMUM AIR SPACE SHA 1/4" SPACE - BENT OR SEALED CORNER ALUMINUM WITH DESICCA SEALER - BUTYL PRIMARY SEAL AND POLYSULFIDE OR SILICONE SECONDARY SEAL. CERTIFICATION - ALL GLAZING TO BE CERTIFIED ACCORDANCE WITH ASTM E-773, E-774.
- 4. HEADER HEIGHT SHALL BE THE SAME AS THE DOOR. ALL OPERABL SHALL HAVE ALUMINUM SCREENS. WINDOWS SHALL NOT BE MOUNTE THE EXTERIOR OSB SURFACE. ALL WINDOWS SHALL MEET THE AAMA GS101-88 VOLUNTARY SPEC. FOR ALUMINUM PRIME WINDOWS AND GLASS (ANS1), COMMERCIAL GRADE.

#### HARDWARE

- 1. EXTERIOR DOOR
- A. HINGES: HAGER 4-1/2" x 4-1/2" BUTTS, BB1279 US26D, 1-PAIR EACH DOOR WITH SET SCREW I BARREL AND BALL BEARING DESIGN, OR APPROVED EQUAL.
- B. EXTERIOR LOCKSET: SCHLAGE ND70PD, CORBIN, YALE OR EQUIV ALUM. FINISH. PANIC BARS/PULL HANDLE TYPE VON DUPRIN 22 (PULL ON EXT.) OR CORBIN, YALE OR EQUIVALENT. ALUM. FINIS PANIC BARS ARE ONLY REQUIRED WHERE THE OCCUPANT LOAD OR MORE. ROOMS WITH AN OCCUPANT LOAD OF FIVE OR MORE SHALL HAVE DOOR HARDWARE CAPABLE OF BEING LOCKED FROM INSIDE (PER CBC 1008.1.11).
- C. CLOSER: NORTON 8500DA OR 8500BF SERIES, LCN 1460 DEL SERIES OR EQUAL.
- D. WEATHERSTRIPPING: ALL EXTERIOR DOORS SHALL BE WEATHERSTRIPPED WITH PEMKO 299D, ULTRA WS007 OR EQUAL, DOOR JAMBS AND HEAD.
- E. THRESHOLD: THRESHOLD SHALL BE PEMKO 271 AV 5" ALUMINU WITH PEMKO 216 AV ULTRA THO42 DOOR BOTTOM.
- F. DOORSTOP: QUALITY #44, OR EQUAL. FLOOR STOPS @ 4" MAX WALL.

	HARDWARE continued	LIGH
PLYING CT GLUE DN, PAD	G. INTERIOR LOCKSET: STUDENT TOILETS INTERIOR PASSAGE COPPER CREEK	1. A F R
D LOOP, JM PILE NITH	6220-PASSAGE w/ ADA LEVER OR 6231-RESTROOM w/ ADA LEVER OFFICES INTERIOR ENTRY/OFFICE COPPER CREEK	2. A
TY NO	OFFICES INTERIOR ENTRY/OFFICE COPPER CREEK 6241-ENTRY/OFFICE w/ ADA LEVER CUSTODIAL INTERIOR STOREROOM COPPER CREEK	S T
	PUBLIC TOILETS EXTERIOR DOOR LOCKSET RHODES	3. C S
1/8" SE FOR BASE	SCHLAGE ND95PD w/ LEVER	4. S
co.",	FIRE EXTINGUISHER         1. EACH CLASSROOM SHALL BE EQUIPPED WITH PRESSURE TYPE FIRE	5. G R G
PLIED IN RD LLLY AS LL BE HAVE A	EXTINGUISHERS WITH 2A10BC UL RATING. MOUNT ON THE INTERIOR WALL OF THE BUILDING NEAR THE DOORWAY(S) AT A MAXIMUM HEIGHT OF 4 FEET TO THE TOP OF THE OPERATING HANDLE, AND THE BOTTOM OF F.E. MOUNTED 27" OR LESS A.F.F. FIRE EXTINGUISHERS SHALL BE TOTALLY CHARGED AND HAVE A DIAL INDICATING THE STATE OF CHARGE.	SCR
L BE · MUM OF ING OR	ACCESSIBILITY STANDARDS REFERENCE: 2013 CALIFORNIA BUILDING CODE (TITLE 24, PART 2, CCR), CHAPTER 11B "ACCESSIBILITY TO PUBLIC"	1. S E A
III SROOM VINYL	SECTION 11B-206.2 BUILDING ACCESSIBILITY, GENERAL 1. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ALL BUILDINGS, ELEMENTS, AND AREAS, AND EACH FLOOR INCLUDING MEZZANINES.	ABE
SO ION L BE RGLASS	<ul> <li>SECTION 11B-208.1 PARKING SPACES REQUIRED</li> <li>1. THE WORDS "NO PARKING", IN 12" MINIMUM HIGH WHITE LETTERS, SHALL BE PAINTED ON THE PAVEMENT WITHIN ALL PARKING ACCESS AISLES, READABLE FROM THE VEHICULAR WAY. VAN PARKING ACCESS AISLES SHALL BE PLACED ON THE PASSENGER SIDE OF THE VEHICLE. (SEE CBC SECTION 11B-502.3 FOR ACCESS AISLES.)</li> <li>2. RAMPS MAY NOT ENCROACH INTO ANY REQUIRED ACCESS AISLE.</li> <li>3. PARKING SPACE ACCESS AISLES SHALL NOT EXCEED 1:48 SLOPE IN ANY DIRECTION.</li> </ul>	A AC ACI ACOU ADD ADD'L ADJ AISC
THAT	4. AT EXISTING SITES, ANY ROUTE WHICH EXCEEDS A 1:48 SLOPE MAY REQUIRE REMOVAL AND REDESIGN PER THE PATH OF TRAVEL (P.O.T.) PROVISIONS OF CBC SECTION 11B-202, IN ORDER TO APPROVE THE BUILDING PLACEMENT.	AISI ALT ALUM
4.	<u>SECTION 11B-216 SIGNAGE</u> (ALSO REFER TO SECTIONS 11B-703, 1007.9, 1007.10, 1022.9) SIGNAGE IS REQUIRED:	ANSI ARCH
	<ol> <li>TO IDENTIFY PERMANENT ROOMS &amp; SPACES</li> <li>TO PROVIDE DIRECTIONS AND INFORMATION ABOUT SPACES &amp; FACILITIES</li> <li>TO IDENTIFY MEANS OF EGRESS</li> </ol>	ASTM AWC
	<ul> <li>A. AREAS OF REFUGE AND AREA FOR ASSISTED RESCUE (PER 1007.9 AND 1007.11)</li> <li>B. DIRECTIONS TO AN EXIT (PER 1007.10)</li> </ul>	AWPA AWS
	C. DELAYED EGRESS LOCKS (PER 1008.1.9.7 ITEM 5 AND 5.1) D. EXIT WAYS (PER 1011.4) • AT EACH GRADE LEVEL EXTERIOR EXIT DOOR	BD BLDG
	<ul> <li>AT AN EXIT BY MEANS OF A STAIRWAY OR RAMP ("EXIT STAIR DOWN" OR "EXIT RAMP DOWN")</li> </ul>	BLK BLKG BLW
	<ul> <li>AT AN EXIT ROUTE VIA ENCLOSURE, PASSAGEWAY, CORRIDOR, HALLWAY, ETC.</li> <li>OTHER HORIZONTAL WAYS WHERE THE EXIT OR EXIT PATH IS NOT</li> </ul>	BM BN BOT/E
	IMMEDIATELY VISIBLE (PER 1011.1) 4. TO IDENTIFY PARKING SPACES 5. TO IDENTIFY ENTRANCES OR ROUTE TO AN ACCESSIBLE ENTRANCE 6. TO IDENTIFY ELEVATORS	BTWN BUR C CAB
DOOR D PER	7. TO IDENTIFY TOILET ROOMS 8. TO IDENTIFY PUBLIC TELEPHONES, TTY and ASSISTIVE LISTENING SYSTEMS SIGNS, WHERE LOCATED WITHIN AN ACCESSIBLE ROUTE, MOUNTED LESS THAN 90" APOVE THE FINISHED FLOOP, MUST HAVE POUNDED FROM AN EASED	CB CBC CCR CEM
or Both E Shall	80" ABOVE THE FINISHED FLOOR, MUST HAVE ROUNDED EDGES OR AN EASED RADIUS MINIMUM OF 0.125". SECTION 11B-404.2.8 DOOR CLOSING SPEED	CF CJ CJP CLG
RE GNED PLUS F FIVE ED FROM	1. THE SWEEP PERIOD OF ACCESSIBLE DOORS SHALL BE 5 SECONDS MINIMUM, FROM AN OPEN DOOR POSITION OF 90 DEGREES, TO A DOOR POSITION OF 12" FROM THE LATCH.	CLR CT CMU CO COL
MINIMUM 8"	SECTION 11B-404.2.9 DOOR OPENING FORCE 1. THE EFFORT TO OPEN ANY DOOR SHALL NOT EXCEED 5LBS, EXCEPT FIRE DOORS, WHICH SHALL NOT EXCEED 15LBS FORCE. SECTIONS 11B-404.2.4.3 RECESSED DOORS	CONC CONN CONT CSK
	1. DOORS RECESSED 8" OR MORE SHALL HAVE STRIKE EDGE CLEARANCES IN ACCORDANCE WITH FIGURE 11B-404.2.4.3.	CTRD CW DBL
UCING RIOR LL BE ANT FILL	SECTION 11B-405.5 RAMP WIDTH 1. THE CLEAR WIDTH OF A RAMP SHALL BE 48" MINIMUM. SECTION 11B-505 HANDRAILS	DET DF DIA
IN	<ol> <li>THE TOP OF THE GRIPPING SURFACE OF HANDRAILS SHALL BE BETWEEN 34" AND 38", MEASURED VERTICALLY FROM WALKING SURFACES AND STAIR NOSINGS.</li> <li>HANDRAILS SHALL HAVE AT LEAST 1-1/2" CLEARANCE ALL AROUND.</li> </ol>	DIAG DIM DIV
E SASH ED TO A	<ol> <li>HANDRAILS SHALL EXTEND BEYOND, AND IN THE SAME DIRECTION, OF STAIRS AND RAMPS.</li> <li>SECTION 11B-608.5 WATER CONTROLS</li> </ol>	DR DS DSA DWG
) SLIDING	<ol> <li>CONTROLS TO OPERATE A WATER FAUCET OR OUTLET SHALL BE A SINGLE-LEVER DESIGN, CAPABLE OF BEING OPERATED WITH A SINGLE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.</li> </ol>	E (E) EA
	2. THE FORCE REQUIRED TO OPERATE CONTROLS SHALL NOT EXCEED 5 LBS. SECTION 11B-604 TOILET ROOMS AND BATHING ROOMS	EJ ELEV ELECT
.1 /2	1. AN ACCESSIBLE TOILET STALL SHALL HAVE A MINIMUM WIDTH OF 60" AND SHALL BE EQUIPPED WITH A DOOR THAT HAS AN AUTOMATIC-CLOSING DEVICE, AND SHALL HAVE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WHEN LOCATED AT THE END AND 34 INCHES WHEN LOCATED AT	EMBEI EMT EN ETC EQ
-1/2 NG	THE SIDE, WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. 2. THE INSIDE AND OUTSIDE OF THE ACCESSIBLE COMPARTMENT DOOR SHALL	EQ EW EXP EXT
/ALENT. 2NL	BE EQUIPPED WITH A LOOP OR U-SHAPED HANDLE IMMEDIATELY BELOW THE LATCH. THE LATCH SHALL BE FLIP-OVER STYLE, SLIDING OR OTHER HARDWARE NOT REQUIRING THE USER TO GRASP OR TWIST.	F
SH. IS 50 E OM THE	3. EXCEPT FOR DOOR-OPENING WIDTHS AND DOOR SWINGS, A CLEAR, UNOBSTRUCTED ACCESS OF NOT LESS THAN 44 INCHES SHALL BE PROVIDED TO THE WATER CLOSET COMPARTMENTS DESIGNED FOR USE BY	(F) FAB FAC FD
	PERSONS WITH DISABILITIES. 4. A 27"29" MINIMUM DIMENSION IS REQUIRED FOR LAVATORY/SINK KNEE CLEARANCE, WHICH IS THE DISTANCE FROM THE FINISH FLOOR TO THE	FF FHWS FIN
	UNDERSIDE OF THE LAVATORY/SINK. (SET A/PL-O) 5. TABLE 11B-604.9 SUGGESTS DIMENSIONS FOR CHILDREN'S USE.	FIN FLR FLSHG FN
L, AT		FND/F FOF
M		FOP FOS FRP
FROM		FT FTG FUPP
		FURR GA GB

#### HT GAUGE METAL STUDS & COLD FORMED STE

- ALL LIGHT GAUGE METAL STUDS & COLD FORMED STEEL SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE MINIMUM REQUIREMENTS OF THE 2010 AISI/COS/ANSI.
- ALL GALVANIZED STUDS, JOISTS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A GALVANIZED COATING MEETIN THE REQUIREMENTS OF ASTM A653.
- CUSTOM FORMED SHAPES SHALL BE BENT FROM ASTM A1011 STEEL SHEETS.
- STUD AND TRACK DESIGNATIONS ARE BASED ON STEEL STUD MANUFACTURERS ASSOCIATION. ICC-ES EVALUATION REPORT ESR-3064F
- GALVANIZED FRAMING PRODUCTS SHALL BE COATED IN ACCORDANCE W REQUIREMENTS OF ASTM A653. PRODUCTS WILL BE FURNISHED WITH A G-60 OR EQUIVALENT COATING IF SPECIFIED, AND SHALL BE IN CONFORMANCE WITH ASTM C-955, OTHERWISE, G-40 OR EQUIVALENT COATING WILL BE PROVIDED.

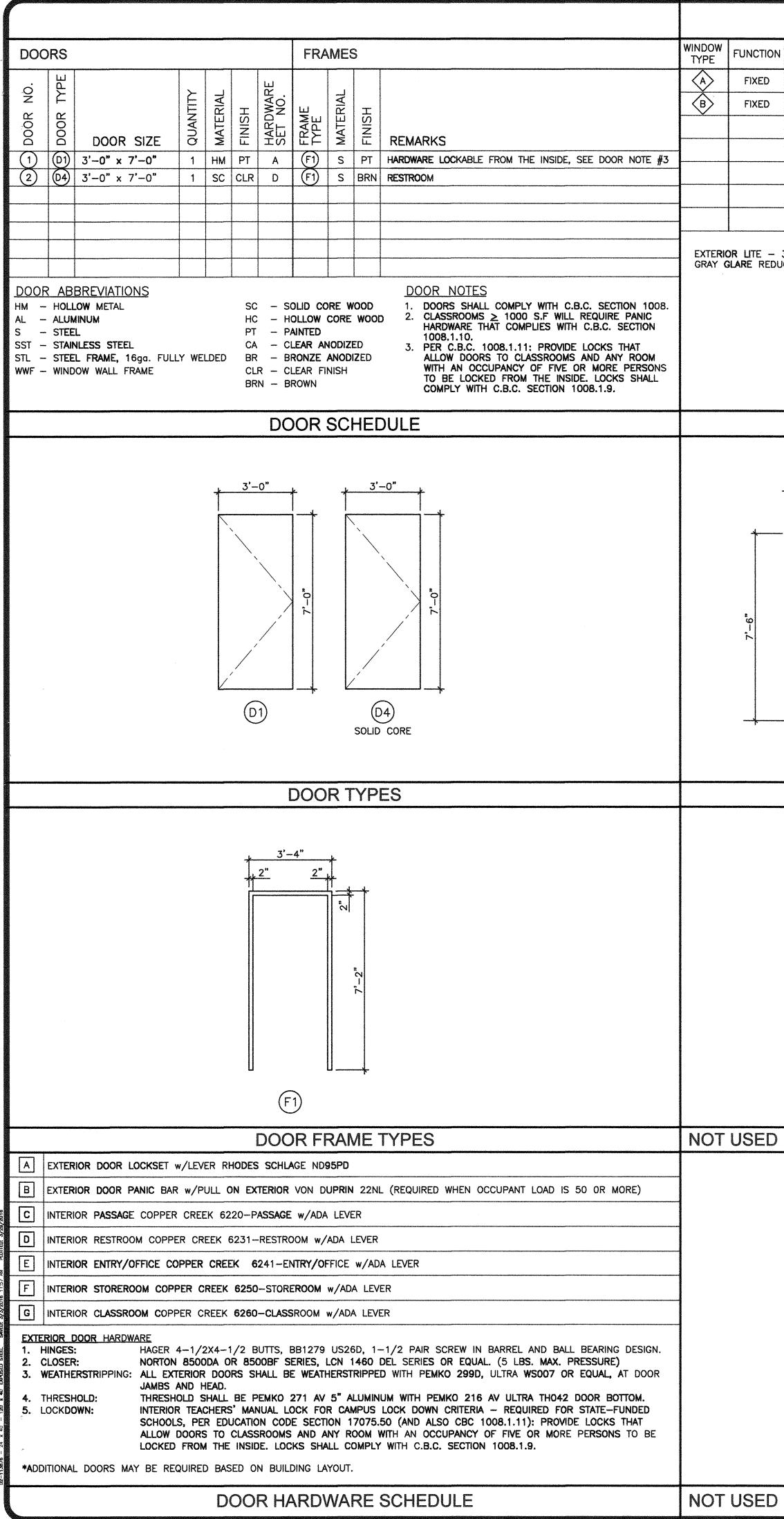
#### REWS FOR STEEL TO STEEL CONNECTIONS

- SCREWS FOR STEEL TO STEEL CONNECTIONS SHALL BE TEKS PER ICC ESR-1976 OR TEKS SELECT PER ICC ESR-3223 BY ITW BUILDEX, U.O.
- . HEAD TYPE AS REQUIRED FOR APPLICATION.

#### BREVIATION LEGEND

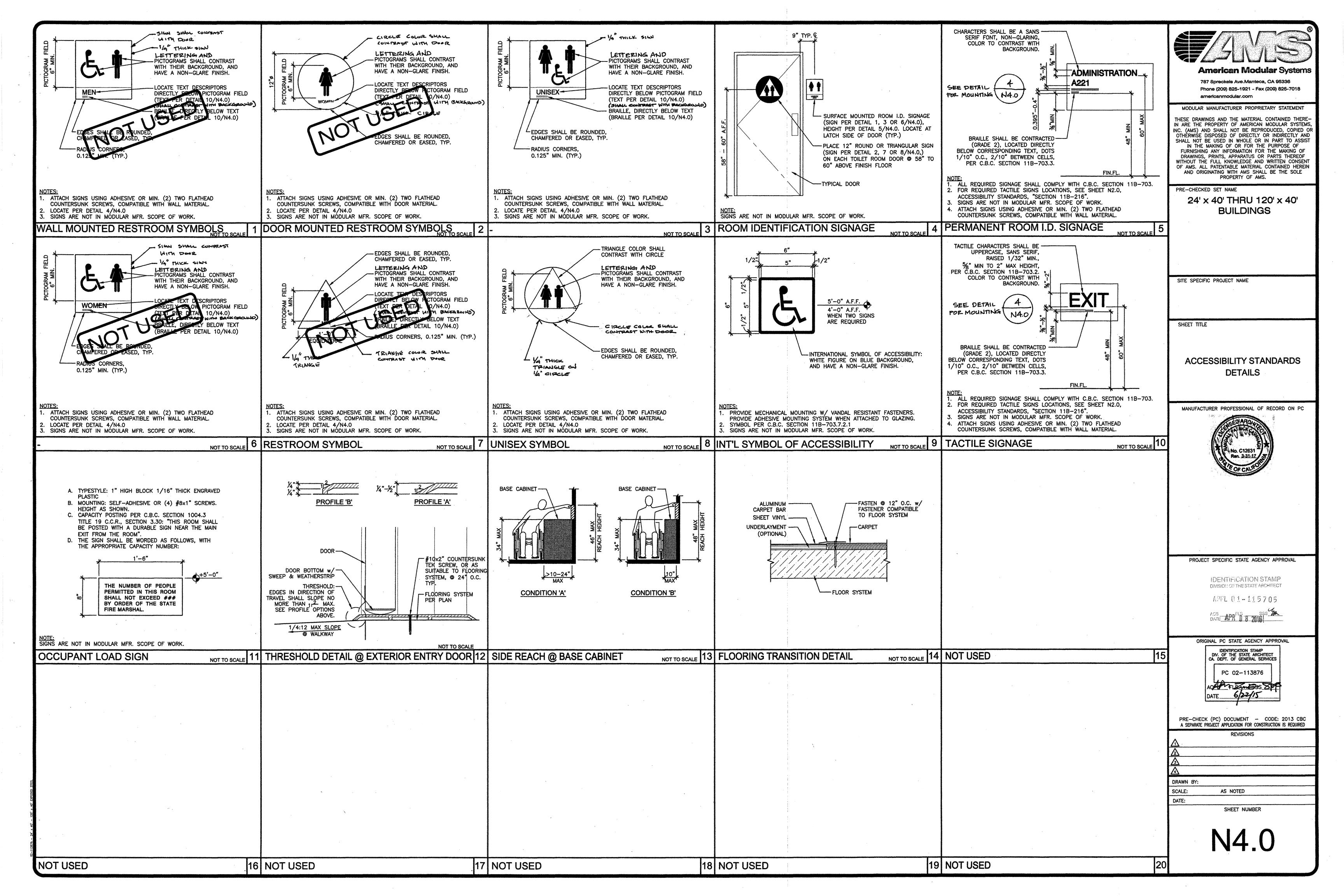
;	ACCESSIBLE ASPHALT CONCRETE AIR CONDITIONING AMERICAN CONCRETE INSTITUTE	GL GLV/GALV GSM GYP	GL GA GA
)US ) )'L	ACOUSTICAL ADDENDUM ADDITIONAL	HB HC	HC
C	ADJUSTABLE OR ADJACENT AMERICAN INSTITUTE OF STEEL CONSTRUCTION	HDR HDW HF	HE HA HE
	AMERICAN IRON AND STEEL INSTITUTE ALTERNATE	hm Hor/Horiz HSS	HC HC HC
IM SI	ALUMINUM AMERICAN NATIONAL STANDARDS INSTITUTE	HT HVAC	(S HE HE
CH M	ARCHITECT (URAL) AMERICAN SOCIETY FOR TESTING AND MATERIALS	HW	Al HC
S A	AMERICAN WOOD COUNCIL AMERICAN WOOD PROTECTION ASSOCIATION	ІАРМО	IN PL OF
5	AMERICAN WELDING SOCIETY BOARD	ICC ID IN	IN IN IN
G	BUILDING BLOCK BLOCKING	INSUL	IN: IN
1	BELOW	INV IR	IN IN JT
/BOTT N	BOUNDARY NAILING BOTTOM BETWEEN	KSI	KII 1,(
2	BUILT UP ROOFING CARPET CABINET	LAM LAV	LA LA
	CATCH BASIN CALIFORNIA BUILDING CODE CALIFORNIA CODE OF REGULATIONS	LB, LBS LLH LLV	PC LC LC
1	CEMENT CUBIC FOOT CONTROL JOINT	LNDG LONG LS	
1 9 9	COMPLETE JOINT PENETRATION CEILING CLEAR	LU LT LW LWC	
J	CERAMIC MOSAIC TILE CONCRETE MASONRY UNIT CLEAN OUT	MATL MAX	MA
IC IN	COLUMN CONCRETE CONNECTION	MB MECH MFG	ME ME MA
IT D	CONTINUOUS COUNTERSINK CENTERED	MFR MIN	MA MI
_	COLD WATER DOUBLE	MIR MISC MM	MI MI MI
	DETAIL DRINKING FOUNTAIN OR DOUGLAS FIR	MTL (N)	ME
9	DIAMETER DIAGONAL DIMENSION	NIC NDS NW	NC NA NC
	DIVISION DOOR DOWNSPOUT	NWC	NC OV
2	DIVISION OF THE STATE ARCHITECT DRAWING	OC OD OH	ON OL OF
	ENAMEL EXISTING EACH	OPG OPP OSB	OF OF OF
V CT	EXPANSION JOINT ELEVATION ELECTRICAL	PL PLAM	PR PL
BED	EMBEDMENT ELECTRICAL MAGNETIC TUBING EDGE NAILING	PLAS PLF PLT	PL PC PL
	ET CETERA EQUAL EACH WAY	PLWD/PLY PNL POC	PL PA PC
	EXPOSURE EXTERIOR	PS PSF PSI	PR PC PC
	FAHRENHEIT FUTURE	PT PTDF	PR PR FIF
	FABRICATION FACTORY FLOOR DRAIN	PTN PVC	PA PC
'S	FINISHED FLOOR FLAT HEAD WOOD SCREW FINISH	R RD REF	RIS RC RE
HG	FLOOR FLASHING FIELD NAILING	refr Reinf Req'd/req	RE RE RE
/FNDN	FOUNDATION FACE OF FINISH FACE OF PLYWOOD	RES RDWD RWL	RE RE RE
•	FACE OF STUD FIBERGLASS REINFORCED PLASTIC PANELS	SCH/SCHED	SC ST
R	FOOT FOOTING FURRED (-ING)	SD SDSTS SEC	SE SC
	GAUGE GYPSUM BOARD	SEP SF	SE SE SC
	;		

	EL METAL FLOOR DEC	<u>DK</u>	
			FLULC
			American Modular Systems
	SHEET STEEL IN STRUC	TURES."	Phone (209) 825-1921 - Fax (209) 825-7018
	(GALVANIZED) OR ZINC-	-IRON ALLOY-COATED (GALVANEALED) BY THE	
	4P. 4. STEEL DECK INSTITUTE	(SDI)-METAL FLOOR DECK PROFILES SHALL BE IN	THESE DRAWINGS AND THE MATERIAL CONTAINED THERE-
A Desk Look Const Cours of a course of a part of a serie of a s	A		INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR
B. H-24, 18 GAUG, 2 <sup>h</sup> CEP × 24 <sup>h</sup> WBC     C. Jaw, 18 GAUG, 2 <sup>h</sup> CEP × 24 <sup>h</sup> WBC     C. Coverance of the set of the sector of the set of the set of the set of the sector of the set of the			SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF
			DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT
LANDON OF ANY DECEMBER OF PARAMETER CONTRACT OF CONTRA	C. 3–W, 18 GAUGE, 3		OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE
ASI IN ADD. (PS IS NIT A CAMPACING CAMPACING OF ACT AND A CAMPAGE AND A	.O.N. 6. DECK UNITS ARE TO BE		
AND OF ALL AND	ASTM A653, Fy=38 KSI	WITH A GALVANIZED COATING, G-60 OR G-90.	
			BUILDINGS
			· · ·
All Reserves (STEL2) STOCOME STATUS VERTICES STATUS VE	VIVANIZED SHEET METAL	SIM SIMILAR	
All Reserves (STEL2) STOCOME STATUS VERTICES STATUS VE	DSE BIBB	SP STRUCTURAL PLYWOOD SPEC SPECIFICATIONS	
All Reserves (STEL2) STOCOME STATUS VERTICES STATUS VE	DLLOW CORE EADER	SQ SQUARE SS STAINLESS STEEL	SITE SPECIFIC PROJECT NAME
STRONG ALL ADDRESS OF SUBJECT ADDRESS STRUCTURES STRUCTURES ADDRESS STRUCTURES ADDRESS STRUCTURES ADDRESS ADDR	EM FIR	SIN SIAIN	
<ul> <li>SHET</li> <li>SHET<td></td><td></td><td></td></li></ul>			
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	TERNATIONAL ASSOCIATION OF UMBING AND MECHANICAL	TOC TOP OF CURB, CRICKET, OR CONCRETE	GENERAL NOTES
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<pre>VERT VERTERPETATION OF REGULATIONS UNIT UNIT UNIT USES OTHERWISE NOTED UNIT UNIT USES OTHERWISE NOTED UNIT UNIT UNIT USES OTHERWISE UNIT UNIT UNIT USES OTHERWISE UNIT UNIT USES OTHERWISE UNIT UNIT USES OTHERWISE UNIT UNIT USES OTHERWISE UNIT UNIT UNIT USES OTHERWISE UNIT UNIT UNIT USES OTHERWISE UNIT UNIT USES OTHERWISE UNIT UNIT USES OTHERWISE UNIT UNIT USES OTHERWISE UNIT USES OTHERW</pre>	CH SULATE (D) (ION)	TRANS TRANSVERSE TS TOP OF SHEATHING	
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PS PER SUMARE NOH (KIPS = VARTES OVERSITION THE VARTES OVERSITES OVERSITION THE VARTES OVERSITION THE VARTES O	TERPRETATION OF REGULATIONS	UON UNLESS OTHERWISE NOTED UNO UNLESS NOTED OTHERWISE	MANUFACTURER PROFESSIONAL OF RECORD ON PC
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S 1 OVER 1/2" GYP BOARD BACKING	SITE SPECIFIC PROJECT NAME SANTA CLARA COUNTY OF EDUCATION SANTA TERESA ELEMENTARY SHEET TITLE
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	BASED ON PC# 02-113876 PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED REVISIONS



Nata of Title 24 Report: 2/4/2015 DSA File No.; Iodel Neme and Option: ANS 24*x40* for DSA.elbd HVAC Units: Model ID Filiciancy: EER, SEER Adule's Ficor Area: 948 Additional info. Additional Information: Additional info.	renom	ance Runs I	By Zone & 4	5 <sup>*</sup> Orlentation	Ľ	,	<u>2013 E</u>	nergy Cod
Alls of Tills 24 Report:         2/3/2018         DSA File Not:           Indel Name and Option:         AMS 24*x40* for DSA.cibid         HVAC Units: Model ID         Efficiency: EER, SEER           Additional Information:         Additional Information:         Additional Information:         Additional Information:           Additional Information:         1 unjuit data from performance rure in columns 2 and 3 for each climate zone workaheed. Subtract process and recipited backs:         2. Injuit Module detailed information on Table A - One Spreadatest Tab per HVAC System (i.e. HP, RTU)           AMS 24*x40* for DSA cibid         AMS 24*x40* for DSA cibid         Climate Zone: 14 Reference City: China Lake         Injuit Std Budget         Prop. Design         Compliance           Front         Std Budget         Prop. Design         Compliance         Front         Std Budget         Prop. Design         Compliance           90         540.30         478.80         11.4%         90         577.80         13.3%           135         529.90         465.90         11.6%         130%         135         586.80         13.3%           1315         527.90         466.90         11.6%         131.5%         131.4%         131.5%         131.4%           1315         527.90         466.50         11.6%         131.5%         131.4% </th <th>No. 25 No.</th> <th>DTE: Enter data</th> <th>in colored cells c</th> <th>mly.</th> <th></th> <th></th> <th></th> <th></th>	No. 25 No.	DTE: Enter data	in colored cells c	mly.				
Alia of Title 24 Report:         24/2018         DSA File No.;         HARS 24/240* for DSA.cibd           Acdular's Floor Ansa:         948         Additional Information:         Additional Information:         Additional Info.           Contrained and information:         Additional Information:         Additional Info.         Additional Info.           Contrained and Information:         Additional Information:         Additional Info.         Additional Info.           Contrained and Information:         Additional Information:         Additional Info.         Additional Info.           Contenents:         1 Input Medula detailed information on on Table A - One Spreadeline: Tab par HVAC System (i.e. HP, RTI)!         Additional Info.           Additional Information:         Additional Information:         Additional Information:         Additional Information:           Additional Information:         1 Input Medula detailed information on Table A - One Spreadeline: Tab par HVAC System (i.e. HP, RTI)!         Compliance           Additional Information:         Bdd(date detailed information on Table A - One Spreadeline: Tab par HVAC System (i.e. HP, RTI)!         Compliance           Additional Information:         Bdd(date detailed information in Information if Bdu/sirier' RBdu/sirier' RBdu/s	roject Name:		24' x 40' Moduli	er Classroom	<b>DSA</b> Application	#: DX-XXXXXX		
Audget Name and Option:         Auß 24*s48* for DSA.cibid         HVAC Limits: Model ID         Efficiency: EER, SEER           Modula's Floor Area:         948         Additional information:         Additional info           Additional Information:         Additional info         Additional info           Additional Information on Table A - One Spreadablest Tab per HVAC System (i.e. HP, RTU)         Additional information on Table A - One Spreadablest Tab per HVAC System (i.e. HP, RTU)           Additional Information on Table A - One Spreadablest Tab per HVAC System (i.e. HP, RTU)         Additional information on Table A - One Spreadablest Tab per HVAC System (i.e. HP, RTU)           Additional Information on Table A - One Spreadablest Tab per HVAC System (i.e. HP, RTU)         Additional information on Table A - Module Information I 31.0%           90         512.30         445.20         13.3%           125         523.40         445.20         13.4%           225         533.20         473.30         10.6%           225         573.70         697.00         13.4% <t< td=""><td>Data of Title 24</td><td>Report</td><td>2/4/2015</td><td></td><td></td><td>• • • • • • • • •</td><td></td><td></td></t<>	Data of Title 24	Report	2/4/2015			• • • • • • • • •		
Additional Information:         Additional Info.           Continuents:         1 Input data from performance rune in countrie 2 and 3 for each climate zone worksheet. Subtract process and recepted tasks.           2. Input Module detailed information on Table A - One Spreadsheet Tab per HVAC System (i.e. HP, RTU):           AMIS 247x40 for DSA clod           Climate Zone: 14 Reference City: China Lake           Front         Std Budget           Front         Std Budget           0         552.30           455         532.20           476.60         10.9%           90         542.30           130         512.50           465.70         12.0%           130         512.50           465.70         12.0%           131         584.80           225         531.80           475.80         11.8%           20         575.40           50.66         13.0%           132         527.20           485.70         12.0%           133         544.80           1475.80         11.4%           225         531.80           13.0         515.90           473.30         10.0%           225         577.7	Andai Maxan ar	ut Cartinas	ANS 24's40' for	OSA cited		viai il 1	Efficiency: EER.	SEER
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AMS 24 x40 for DSA.clbd         AMS 24 x40 for DSA.clbd           Climate Zone: 14         Reference City: Chine Lake         Climate Zone: 15         Reference City: El Centro           Front         Std Budget         Prop. Design         Compliance           Offentation         kBtu/sf-yr         kBtu/sf-yr         Reference City: El Centro           0         517.30         436.60         11.7%           0         517.30         476.60         10.9%           30         540.30         478.80         11.4%           90         540.30         478.80         11.8%           125         531.80         455.10         11.8%           120         531.30         478.30         10.9%           120         531.30         478.30         11.8%           120         531.30         478.30         11.8%           121         531.30         478.30         11.8%           120         531.30         11.8%         135           131         1325         527.90         436.30           11.8%         12.2%         577.00         697.00         13.4%           131         13.5%         12.2%         13.1%         13.1%	Additional Infon							
AMS 24'x40' for DSA cibd           Climate Zone: 14         Reference City: China Lake           Front         Std Budget         Prop. Design         Compliance           Orientation         kBtu/sf-yr         KBtu/sf-yr         Reference City: El Centro           0         517.30         456.80         11.7%         0         557.20         483.20         13.3%           45         535.20         476.60         10.9%         455         573.00         497.80         13.3%           30         540.30         476.80         11.4%         90         575.40         483.20         13.3%           125         523.50         465.70         12.0%         135         564.80         497.80         13.0%           126         515.90         465.70         12.0%         135         564.80         491.30         13.0%           1270         537.00         475.30         10.6%         225         573.70         497.80         13.4%           130         525.90         465.90         11.6%         135         565.80         493.30         12.8%           1315         527.90         466.90         11.6%         315         565.80         493.30         12.8%	Comments:	1. Input data from	i performance runs li	n columns 2 and 3 for	each climate zone wo	Named. Subtract pr	ocess and recepted	le loads
Climate Zone: 14         Reference City: China Lake           Front         Std Budget         Prop. Design         Compliance           Orientation         kBtu/sf-yr         kBtu/sf-yr         Reference City: El Centro           0         517.80         485.40         11.7%           0         517.80         486.40         11.7%           0         517.80         476.60         10.9%           90         540.30         478.80         11.4%           90         540.30         478.80         11.8%           135         525.90         465.70         12.0%           130         515.90         455.10         11.8%           1225         531.80         475.30         10.6%           225         531.80         475.30         12.2%           315         527.90         486.90         11.6%           315         527.90         486.90         13.4%           315         527.90         486.90         11.6%           315         527.90         486.90         11.6%           Climate Zone: 16         Reference City: Mount Shasta         Climate Zone:: 1 thru 16 (if different, use another tab)           Front         Kid Budget		2. input Module d	letailed anformation c	n Teble A - One Spre	adsheet Tab per HVAC	System (i.e. HP, F	mu:	*********
Climate Zone: 14         Reference City: China Lake           Front         Std Budget         Prop. Design         Compliance           Orientation         kBtu/sf-yr         kBtu/sf-yr         Reference City: El Centro           0         512.30         456.80         11.7%           0         512.30         456.60         10.9%           90         540.30         478.80         11.4%           90         540.30         478.80         11.4%           90         540.30         478.80         11.4%           90         540.30         478.80         11.8%           135         525.90         465.70         12.0%           130         515.90         455.10         11.8%           120         537.00         477.30         13.4%           225         533.80         475.30         12.2%           215         527.90         486.90         11.6%           315         527.90         486.90         11.6%           315         527.90         486.90         11.6%           315         527.90         486.90         11.6%           60rientation         kBtu/sf-yr         Reference City: Mount Shesta	to state the state of the	ander en andere en state die en set angeben einen. Anderen State einer state die eine state die set andere ander Anderen State einer state die state die state die state die state state die state state state state state state	and a standard of the second se Second second s	nen ander en einer eine andere einer eine Einer einer	and a second br>Second second			n bana sangani na tanga sa Manakan tangan na tanga sa
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0         517.30         456.80         11.7%           0         517.30         456.80         11.7%           45         535.20         476.60         10.9%           90         540.30         478.80         11.4%           90         540.30         478.80         11.4%           90         540.30         478.80         11.4%           90         540.30         478.80         11.4%           90         540.30         478.80         11.4%           90         515.90         465.70         12.0%           180         515.90         455.10         11.8%           225         531.80         473.30         10.6%           225         531.90         466.90         11.6%           315         527.90         466.90         11.6%           315         527.90         466.90         11.6%           6         AMS 24*x40* for D8A.cbd         Climate Zone:: 16         Front: Std Budget Prop. Design Compliance kBtu/st-yr margin         Climate Zone:: 11 thru 16 (if different, use another tab)           6         468.40         432.10         7.7%         Rod, Type 1.           90         4884.00         444.10         8.8% <td></td> <td></td> <td>· · · · ·</td> <td></td> <td></td> <td></td> <td></td> <td></td>			· · · · ·					
45         535.20         476.60         10.9%           90         \$40.30         478.80         11.4%         90         \$75.40         \$500.60         13.1%           135         \$29.50         465.70         12.0%         135         \$64.80         491.30         13.0%           130         \$15.90         455.10         11.8%         135         \$64.80         491.30         13.0%           180         \$15.90         455.10         11.8%         180         \$56.90         482.50         13.4%           225         \$31.80         475.30         10.6%         225         \$73.70         497.00         13.4%           315         \$27.90         466.90         11.6%         180         \$56.90         482.50         13.4%           315         \$27.90         466.90         11.6%         270         \$76.60         \$01.10         13.1%           315         \$27.90         466.90         11.6%         315         \$65.80         493.10         12.8%           Climate Zone: 16         Reference City: Mount Shasta         Climate Zone:: 16 full different, use another tab)           Front         Std Budget         Prop. Design         Compliance         Ro			and the second s	Construction of the local data and the local data a	· Service and a service of the servi	Construction of the owner of the	Contracting in the second second second second	and the fail of the second
90         540.30         478.80         11.4%           135         529.50         465.70         12.0%           180         515.90         455.10         11.8%           225         531.80         475.30         10.6%           225         531.80         475.30         10.6%           225         531.80         475.30         10.6%           270         537.00         471.50         12.2%           315         527.90         466.90         11.6%           315         527.90         466.90         11.6%           Table A - Module Information per HVAC system.           Climate Zone: 16 Reference City: Mount Shasta           Front         Std Budget         Prop. Design         Compliance           O         468.40         432.10         7.7%           80         487.10         444.10         8.8%           90         487.10         444.10         8.8%           90         466.80         430.90         7.3%           130         466.80         430.90         7.3%           130         466.80         7.3%         Concente Slast above           130         466.80	Children in the Contraction of the	and the second	and the second se	Construction of the owner of the	· Service and a second se	Contraction of the local division of the loc		Contraction of the second second second
135         529.50         465.70         12.0%           180         515.90         455.10         11.8%           225         531.80         475.30         10.6%           270         537.00         471.50         12.2%           315         527.90         486.90         11.6%           315         527.90         486.90         11.6%           315         527.90         486.90         11.6%           AMS 24*x40* for DSA.clbd         315         565.80         493.10         12.8%           Table A - Module information per HVAC system.           Climate Zone: 16 Reference City: Mount Shasta           Front         Std Budget         Prop. Design         Compliance           Orientation         kBtu/si-yr         margin         Climate Zones: 1 thru 16 (if different, use another tab)           Envelops: Insulation Types         Standing Seam         Rrof, Type 1.         R-A           90         487.10         435.90         8.4%         Vall, Type 1.           90         487.10         435.90         8.4%         Concente R-12 batt + R-3 e.L           135         476.10         435.90         7.3%         Concente R-12 batt + R-4 e.L           130 <td></td> <td>and the second /td> <td>and the second state of th</td> <td>Constant of the owner /td> <td>The second se</td> <td>A Statistic Concernsion of the second se</td> <td>to a second s</td> <td>Name of Colors of Colors of Colors of Colors</td>		and the second	and the second state of th	Constant of the owner	The second se	A Statistic Concernsion of the second se	to a second s	Name of Colors of Colors of Colors of Colors
180         515.90         455.10         11.8%           225         531.80         475.30         10.6%         225         573.70         497.00         13.4%           270         .537.00         471.50         12.2%         270         576.60         501.10         13.1%           315         527.90         486.90         11.6%         315         565.80         493.10         12.8%           Climate Zone: 16         Reference City: Mount Shasta           Climate Zone: 18         Reference City: Mount Shasta         Climate Zones: 1 thru 16 (if different, use another tab)           Front         Std Budget         Prop. Design         Compliance         Notifierent, use another tab)           Chentation         k8tu/sf-yr         margin         Roof, Type 1,         Roof, Type 2,         R-13           90         487.10         435.50         8.4%         R-13         Option: R-13 bett + R-6 s.4           135         476.10         435.50         8.4%         R-64         Conceste Slab above           130         464.80         430.90         7.3%         Glazing: Typicat Glasss Type         Open         Fixed.           225         479.80         442.20         7.8%         Glazing: Typicat Glass	135	529.50	Contractor of the second s	Contractory of the local division of the loc	AND DESCRIPTION OF A DE	Contraction of the owner		antipolation provide and the second
225         531.80         475.30         10.6%           270         .537.00         471.50         12.2%           315         527.90         486.90         11.6%           315         527.90         486.90         11.6%           Table A - Module Information per HVAC system.           Climate Zone: 16         Reference City: Mount Shasta           Climate Zone: 16         Reference City: Mount Shasta         Climate Zones: 1 thru 16 (if different, use another tab).           Front         Std Budget         Prop. Design         Compliance           O         468.40         432.10         7.7%           No         468.40         432.10         7.7%           90         487.10         443.00         8.2%           135         476.10         435.50         8.4%           130         464.80         430.90         7.3%           225         479.80         442.20         7.8%           225         479.80         442.20         7.8%           225         443.40         8.2%         U-Factor: 0.78 (NFRC)	180	515.90	455,10	11.8%	180	and the state of the second second second	the second s	and in the local diversities of the local diversion of the
315         327.90         466.90         11.6%         315         565.80         493.10         12.8%           AMS 24'x40' for DSA clbd           Table A - Module information per HVAC system.           Climate Zone: 16         Reference City: Mount Shasta           Front         Std Budget         Prop. Design         Compliance           Orientation         KBtu/sf-yr         Margin         Roof, Type 1,           0         458.40         482.10         7.7%           45         484.00         444.10         8.2%           90         487.13         444.10         8.2%           135         476.10         435.90         8.4%           136         456.80         430.90         7.3%           225         479.80         442.20         7.8%           2270         483.29         443.40         8.2%	225	531.80	475.30	10.6%	225	573.70	497.00	and the second
AMIS 24'x40' for DSA.clbd       Table A - Module Information per HVAC system.       Climate Zone: 16     Reference City: Mount Bhasta       Front     Std Budget     Prop. Design     Compliance       Orientation     KBtu/sf-yr     Matu/sf-yr     Margin       0     4684.40     492.10     7.7%       45     484.00     444.10     8.2%       90     497.13     444.10     8.2%       135     476.10     435.50     8.4%       1360     466.60     430.00     7.3%       225     479.80     442.20     7.8%       270     483.29     443.40     8.2%	270	537.00	471.50	12.2%	270	576.60	501.10	Construction of the local division of the lo
Climate Zone: 16         Reference City: Mount Shasta         Climate Zones: 1 thru 16 (if different, use another tab)           Front         Std Budget         Prop. Design         Compliance           Orientation         kBtu/si-yr         kBtu/si-yr         margin           0         4684.00         432.10         7.7%           45         484.00         444.10         8.2%           90         487.13         444.10         8.2%           135         476.10         435.90         8.4%           130         464.80         430.90         7.3%           130         464.80         430.90         7.3%           225         479.80         442.20         7.8%           2270         483.29         643.40         8.2%	315	527.90	466.90	11.6%	315	\$65.80	493.10	12.8%
Front         Std Budget         Prop. Design (Nentation         Compliance (Blu/sf-yr         Envelope: Insutation Types         Standing Seam           0         458.40         432.10         7.7%         Roof, Type 1.         R-Pi           45         484.00         444.10         8.2%         Wall, Type 1         R-13           90         487.10         445.90         8.4%         Wall, Type 1         R-13           135         476.10         435.90         8.4%         Floor, Type 1.         Conceste Slab above           1380         466.60         430.90         7.3%         Floor, Type 2         Option: R-13 batt + R-6 s.L           225         479.80         442.20         7.8%         Floor, Type 3         Open           2270         483.29         443.40         8.2%         U-Pactor: 0.78 (NFRC)					Table	A - Nodule Infom	ation per HVAC	Bystom.
Orientation         kBtu/sf-yr         kBtu/sf-yr         margin           0         458.40         432.10         7.7%         Roof, Type 1,         Roof, Type 2,         R-A           45         484.00         444.10         8.2%         Wall, Type 1         R-13           90         487.10         444.10         8.3%         Wall, Type 1         R-13           135         476.10         435.90         8.4%         Floor, Type 1         Concentre 31ab above           180         464.80         430.90         7.3%         Floor, Type 1         Concentre 31ab above           225         479.80         442.20         7.8%         Glazing: Typicat Glass Type         Open         Fixed           270         483.29         443.40         8.2%         U-Factor: 0.78 (NFRC)         0.78 (NFRC)		and the second se	rence City: Mour	ni Shasta			l different, use a	nother tab)
0         458.40         432.10         7.7%         Roof, Type 2,         K-*11           45         484.00         444.10         8.2%         Wall, Type 1         R-13           90         487.10         444.10         8.8%         Wall, Type 1         R-13           135         476.10         435.90         8.4%         Floor, Type 1         Concentre Stats above           180         464.80         430.90         7.3%         Floor, Type 1         Concentre Stats above           225         479.80         442.20         7.8%         Glazing: Typicat Glass Type         Open         Fixed           270         483.29         443.40         8.2%         U-Factor: 0.78 (NFRC)         Vent					and the second state of th	alion Types	Standin	ig Seam
45         484.00         444.10         8.2%         Wall, Type 1         R-13           90         487.10         444.10         8.8%         Wall, Type 2         Option: R-13 batt + R-6 c.l.           135         476.10         435.90         8.4%         Floor, Type 1         Conceste Slab above           180         464.60         430.90         7.3%         Floor, Type 2         Conceste Slab above           225         479.80         442.20         7.8%         Glazing: Typicat Glass Type         Open         Floor           270         483.28         443.40         8.2%         U-Factor: 0.78 (NFRC)         Conceste Slab above			Contraction of the second s	and the second se			R.	·A
90         487.10         444.10         £.8%         Welk, Type 2         Option: R-13 bett + R-5 c.t.           135         476.10         435.90         8.4%         Floor, Type 1         Concriste Slab above           180         464.60         430.90         7.3%         Floor, Type 1         Concriste Slab above           225         479.80         442.20         7.8%         Glazing: Typicat Glass Type         Open         Fixed           270         483.29         443.40         8.2%         U-Factor: 0.78 (NFRC)         0.78 (NFRC)	Contraction of the Contraction o		and the second design of the	And the second design of the s				
135         476.10         435.50         8.4%           180         464.60         430.90         7.3%           225         479.80         442.20         7.8%           270         483.29         443.40         8.2%	Contrast of the second s	and the second sec	the second s	Contraction of the Contraction o				
180         464.80         430.90         7.3%           225         479.80         442.20         7.8%           270         483.29         443.40         8.2%		and the second se	and the second se	and the second se	E. 19 (19) (1772) (19) (19) (19)		98.84 B	
225         479.80         442.20         7.8%         Glazing: Typical Glass Type         Open         Fixed           270         483.20         443.40         8.2%         U-Factor: [0.78 (NFRC)			and the second data in the secon	And a subsection of the second s	1. South Provide Transfer 2008		CONCEPTOR 2	HES BOOM
270 483.29 443.40 8.2% U-Factor: 0.78 (NFRC)	and the second se		the second s	Contractory of the second s	Construction of the local division of the lo	Close Tuno	And Andrews	Contraction (Contraction)
	225	2	TAL PROPERTY OF	1.070	R Coursell' I Ability	a water a water a water	Upen a	TIXOU
	Contraction of the second s	483.20	443.40	8.2%		11.Contas:	A 78 INFRC	S. Career States

Project Name: AMS Modular Classroon			ar Classroom	24x40			NRCC-PRF-0	1-E
Proj	ect Address:	CZ 16 Moun	t Shasta (Wo	rst Case) CZ 16 Mount Shas	<b>.</b>		Calculation (	Date/1
Com	pliance Scope:	NewComple	te				Input File Na	ime:
A. P	ROJECT GENERA	LINFORMATH	DN	******		****		
1.	Project Location	(city)	uurun anton anton anton anton a	CZ 16 Mount Sheste		7.	# of dwelling	y units
2.	CA Zip Code		****		and the second secon	8,	Compliance	Softwa
3,	Climate Zone	******	*****	16		9.	<b>Building Ori</b>	entatio
4,	Total Conditions	d Floor Area	an a	948 ft <sup>3</sup>		10.	Permitted So	cope of
S.	Total Unconditio	ined Floor Area	gendaard fild in tal nahaase	0 112		11.	Building Typ	e(s)
6.	# of Stories (Hat	mable Above Gr	ade)	je) 1			A A A A A A A A A A A A A A A A A A A	
						***		
8. C	OMPLIANCE RES	ULTS FOR PER	FORMANCI	E COMPONENTS			-	
					BUILDING	CON	APLIES	
	1. Energy Com	ponent	2. Sta	2. Standard Design (TDV) 3. Propos			(TOV)	4
Spac	a Heating			47.2			114.4	l
Spac	pace Cooling			98.1			110.8	Γ
indo	or Fans			155.6			17.7	Γ
Heat	Rejection					4-		
Pum	ips & Misc.			·		www.	aradasianan 1,720,000 (1,929,1,929,2) Iran-	<b>[</b>
Dam	Jamestic Hat Water			36.5			95.6	
indo	door Lighting			60.6			25.6	
COMPLIANCE TOTAL			398.0			364.1	Γ	

Quanting Procession of the Astronomy of the

R-S.c.L. Biowe Fixed Efficiency: EER, SEER HVAC Units: Model ID Berd \$43H1 (\$PVU) - 3-1/2 ton Bard \$43H1 (\$PVU) - 3-1/2 ton 11.1 EER (13.0 SEER) 3.2 COP (7.7 HSPF) CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Provide. Bid file for Climata Zone Climata Zone: 15 Reference City: El Centro 🥏 deg When a unique PC design contains multiple sizes, the smallest and the largest potential size should be modeled at 30 compass intervels in each Climate Zone for which the PC seeks approval.

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The electronically-generated computer file(s) that produced the worst case energy use results for each climate zone for each unique PC design configuration that is modeled should be provided to DSA. Brummitt Energy Associates, Inc. www.brummitt.com

Notes;

AM5 Modular Classroom 24x40 NRCC-PRF-DI-E Page 4 of 18 Project Name; CZ 16 Mount Shasta (Worst Case) CZ 16 Mount Shasta Calculation Date/Time: 17:23, Thu, May 21, 2015 Project Address: Compliance Scope: NewComplete nput File Name: EP6 AMS 24'x40' for DSA- CZ16.cibd G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY The following building components are only eligible for prescriptive compliance, indicate which are The following building components may have mandatory requirements per Part 6. Indicate relevant to the project. which are relevant to the project. Yes NA Prescriptive Requirement Compliance Forms Mandatory Requirement Yes NA **Compliance Forms** Commissioning: §120.8 Lighting (Indoor Unconditioned) \$140,5 Simple Systems Complex Systems NRCC-111-01 / 02 / 03 / 04 / 05-E NRCC-CXR-01 / 02 / 03 / 05-E NRCC-CXR-01 / 02 / 04 / 05-E D 23 Lighting (Outdoor) \$140.7 NRCC-LTO-01 / 02 / 03-E Electrical: §130.5 NRCC-ELC-01-E U S Lighting (Sign) \$140.8 NRCC-LTS-01-E 8 0 Solar Ready: \$110.10 NRCC-5RA-01 / 02-E NRCC-PRC-01-E NRCC-PRC-02-E NRCC-PRC-05-E NRCC-PRC-06/07/08-E wered Process: §120.6. Parking Garage Commercial Refrigeration C 20 Solar Thermal Water Heating: §140.5 NRCC-STH-01-E Warehouse Refrigeration NRCC-PRC-10-E NRCC-PRC-11-E Compressed Air Process Boilers

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 NRCC-PRF-01-E
 Page 7 of 18

 Calculation Date/Time:
 17:23, Thu, May 21, 2015;
 Project Name: Project Address: AMS Modular Classroom 24x40 CZ 16 Mount Shasta (Worst Case) CZ 16 Mount Shasta Input File Name: EP6 AMS 24'x40' for DSA- CZ16.cbd compliance Scope: NewComplete 1. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY INRCI/NRCA/NRCVI cumentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance Confirmed (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify See Tables G. and H. in MCH and LTI Details Sections for Acceptance Tests and forms by equipment. 
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 Compliance Forms (required for submittel luilding Component INRCI-PRC-01-E Refrigerated Warehouse J NRCA-PRC-01-F- Compressed Air Systems NRCA-PRC-02-F- Kitchen Exhaust NRCA-PRC-03-F- Garage Exhaust ] NRCA-PRC-04-F- Refrigerated Warehouse- Evaporator Fan Motor Controls I NRCA-PRC-05-F- Refrigerated Warehouse- Evaporative Condenser Controls J NRCA-PRC-06-F- Refrigerated Warehouse- Air Cooled Condenser Controls NRCA-PRC-07F- Refrigerated Warehouse- Veriable Speed Compressor NRCA-PRC-08-F- Electrical Resistance Underslab Heating System ENVELOPE GENERAL INFORMATION (See NRCC-PRF-ENV-DETAILS for more infor 5. Number of Floors Above Grade 6. Number of Floors Below Grade 1. Total Conditioned Floor Area Confirmed litioned Floor Area 3. Addition Conditioned Floor Area 4. Addition Unconditioned Floor Area 0 ft<sup>2</sup> **Opaque Surfaces & Orientation** 8. Total Gross Surface Area 9. Total Fenestration Area 10. Window to Wall Re North Wall 28.7% 80 8 00.0% C C 645 ft on South Wall 263 1 80 ft<sup>3</sup> West Wall 00.0% -445 ft2 011 11.2% □ □ 00.0% □ □ 1.432 ft 160 R<sup>2</sup> 948 ft<sup>-</sup> Of

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Report Version: NRCC-PRF-01-E-03232015-717

Page 1 of 18 Time: 17:23, Thu, May 21, 2015 EP6 AMS 24'x40' for DSA- CZ16.clbd vare (version) CBECC-Com 2013-3b (717) on (deg) 180 deg of Work NewComplete: \$ 140.1 4. Compliance Margin (TDV) 5. Percent Better than Standard -142.4 137.9 -161

Report Version: NRCC-PRF-01-E-03232015-717

AMS Modular Classroom 24x40 NRCC-PRF-01-E Page 2 of 18 ect Name: Calculation Date/Time: 17:23, Thu, May 21, 2015 Project Address: CZ 16 Mount Shasta (Worst Case) CZ 16 Mount Shasta Input File Name: EP6 AM5 24'x40' for DSA- CZ16.cibd Compliance Scope: NewComplete C. PRIORITY PLAN CHECK/ INSPECTION ITEMS (in order of highest to lowest TDV energy savings) 1st. Indoor Fans: Check envelope and mechanical Compliance Margin By Energy Component (from Table 8 column 4) 2nd Indoor Lighting: Check lighting Indoor Fans 3rd Heat Rejection: Check envelope and mechanica Indoor Lighting Heat Rejection 4th Pumps & Misc.: Check mechanical Pumps & Misc. 5th Space Cooling: Check envelope and mechanical Space Cooling 6th Domestic Hot Water: Check mechanical **Domestic Hot Water** Space Heating 7th Space Heating: Check envelope and mechanical Penalty Energy Credit O. EXCEPTIONAL CONDITIONS liance model includes HVAC equipment with capacities that differ from the building plane, presumably to meet unmet load hour requirements. Verify that the equipment in the design ides adequate cooling and heating capacity for the spaces served. E. HERS VERIFICATION This Section Does Not Apply F. ADDITIONAL REMARKS C2 14 China Lake C2 15 El Centro C2 16 Mount Shasta Roof: the roof U-value has been calculated using E2Frame per CEC guidance; U-value = 0.070

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Report Version: NRCC-PRF-01-E-03232015-717

Component estic Hot. Water hting (Indoor Conditioned) rered Process: nmarcial Kitchens Covered Process: red Process: tory Exhaus

Project Name:

Project Address:

ance Scope:

AMS Modular Classroon

CZ 16 Mount Shasta (W

NewComplete

G. COMPLIANCE PATH & CERTIFICATE OF CON

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name:	AM5 Modular Classroom 24x40 NRCC-PRF-01-E Page 5 of 18			
Project Address:	CZ 16 Mount Shasta (Worst Case) CZ 16 Mount Shasta Cakulation Date/Time: 17:23, Thu, May 21, 20	215		
Compliance Scope:	NewComplete Input File Name: EP6 AMS 24'#40' for D	DSA-CZ16.cibd		
Documentation Auth (Retain copies and ve	ESTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCI/NRCA/NRCV) - ior to indicate which Certificates must be submitted for the features to be recognized for compliance arity forms are completed and signed to post in field for Field Inspector to verify). In MCH and LTI Details Sections for Acceptance Tests and forms by equipment.	Conf	imed	
Building Component	Compliance Forms (required for submittal)	Pass	Kall	
Envelope	INRCI-ENV-01-E - For all buildings		a	
cine ope	NRCA-ENV-02-F- NFRC label verification for fenestration		a	
	2 NRCI-MCH-01-E - For all buildings with Mechanical Systems	0	0	
	X NRCA-MCH-02-A- Outdoor Air			
	NRCA-MCH-03-A - Constant Volume Single Zone HVAC			
	NRCA-MCH-04-H- Air Distribution Duct Leakage	0		
	NRCA-MCH-05-A- Air Economizer Controls	0		
	NRCA-MCH-06-A- Demand Control Ventilation			
	SI NRCA-MCH-07-A - Supply Fan Variable Flow Controls	.0		
	NRCA-MCH-08-A- Valve Leakage Test		0	
	NRCA-MCH-09-A - Supply Water Temp Reset Controls			
Mechanical	NRCA-MCH-10-A- Hydronic System Veriable Flow Controls			
	NRCA-MCH-11-A - Auto Demand Shed Controls		0	
	NRCA-MCH-12-A- Packaged Direct Expansion Units		· D	
	NRCA-MCH-13-A- Air Handling Units and Zone Terminal Units			
	NRCA-MCH-14-A- Distributed Energy Storage		0	
	NRCA-MCH-15-A - Thermal Energy Storage	D		
	NRCA-MCH-16-A- Supply Air Temp Reset Controls	D		
	NRCA-MCH-17-A - Condensate Water Temp Reset Controls	D		
	NRCA-MCH-18-A- Energy Management Controls Systems		0	
	C NRCV-MCH-04-H- Duct Leakage Test			

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Project Name:	AMS Modular Classroom 24x40	NRCC-PRF-01-E	Page 6 of 1
Project Address:	CZ 16 Mount Shasta (Worst Case) CZ 16 Mount Shasta	Calculation Date/Time:	17:23, Thu,
Compliance Scope:	NewComplete	Input File Name:	EP6 AMS 24
Documentation Auti (Retain copies and v	ISTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFI or to indicate which Certificates must be submitted for mity forms are completed and signed to post in field fo in MCH and LTI Details Sections for Acceptance Tests a	r the features to be recognized for compli r Field inspector to verify).	
<b>Building Component</b>	Compliance Forms (required for submittal)	and the second	
	CI NRCI-PLB-01-E - For all buildings with Plumbing	Systems	
	NRCI-PLB-02-E - required on central systems in	high-rise residential, hotel/motel application.	
	NRCI-PLB-03-E - Single dwelling unit systems in	high-rise residential, hotel/motel application.	
Plumbing	NRCI-PLB-21-E - HERS verified central systems i	n high-rise residential, hotel/motel application	R
r tossiyata	NRCI-PLB-22-E - HERS verified single dwelling u	nit systems in high-rise residential, hotel/mot	el application.
	NRCV-PLB-21-H- MERS verified central systems	in high-rise residential, hotel/motel applicatio	A.
	NRCV-PLB-22-H - HERS verified single dwelling	unit systems in high-rise residential, hotel/mo	tel application
	NRCI-STH-01-E - Any solar water heating		
	NRCI-LTI-01-E - For all buildings	& 1997 (1998 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 Alexandro - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19	
	NRCI-LTI-02-E - Lighting control system; or for a	n Energy Management Control System (EMCS	)
	NRCI-LTI-03-E - Line-voltage track lighting integenergize only line-voltage track lighting	ral current limiter, or for a supplementary ove	rcurrent prote
	NRCI-LTI-04-E - Two interlocked systems serving	g an auditorium, a convention center, a confer	ence room, or
Indoor Lighting	NRCI-LTI-05-E - Lighting Control Credit Power A	djustment Factor (PAF)	
5	NRCI-LTI-06-E - Additional waitage installed in a	video conferencing studio	
÷	S NRCA-LTI-02-A - Occupancy sensors and autom	atic time switch controls.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	NRCA-LTI-03-A - Automatic daylighting controls		,
	NRCA-LII-04-A - Demand responsive lighting co	ntrols	
	NACI-LTO-01-E - Outdoor Lighting		
Outdoor Lighting	NRCI-LTO-01-E- EMCS Lighting Control System		
	NRCA-LTO-02-A - Outdoor Lighting Control		
Sign Lighting	NRCI-LTS-01-E - Sign Lighting		
Electrical	NRCI-ELC-01-E - Electrical Power Distribution		
Photovoltaic:	MRCI-SPV-01-E Photovoltaic Systems		

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Project Name:	AM5 Modu	lar Classroom 24x40		NRCC-PRF-01-E	Page 8 of 11	Ľ				
Project Address:	CZ 16 Mou	nt Shasta (Worst Case) CZ 16 Mc	nunt Shasta	Calculation Date/Time	: 17:23, Thu,	May 21, 20	15			
Compliance Scope:	NewCompl	ele		Input File Name:	EP6 AMS 24	'x40' for 05	A- CZ16.cl	bd		
I. FENESTRATION ASS	EMBLY SUN	IMARY				****		§ 110.6	Confi	rmed
<b>Ž</b> .		2	3.	4	· S.	6	7.	8		
Fenestration Assembl Tag or I.D.	Name /	Fanestration Type	Certification Method <sup>1</sup>	Assembly Method	Area ft <sup>a</sup>	Overall U-factor	Overall SHGC	Overali VT		Z
All Weather 3/16? Gr Clear NFRC	ry:/ 1/87	VerticalFenestration	NFRCRated	Manufactured	160	0.78	0.43	·0.37	D	D

compliance credit for fenestration shu		**************************************		NOT SHOLE HIND						<b>J</b>	No	tetti minin
AQUE SURFACE ASSEMBLY SUMMA	NRY	di di Kudung mugana kana kana k						******	\$ 120.7/	§ 140.3	Con	firma d
<b>i</b> .	2,	T	3.	4.	5.	<b>Ş.</b>	7,		8,			Í
Surface Name	Surface Type		Area (ft <sup>†</sup> )	Framing Type	Cavity R-Value	Continuous R-Value	U-Factor / F-I C-Facto		Condition	a Status	ŝ	Ĩ.
Roof: U 0.70 per EZFrame	Roof		.948	Metal	19	2	U-Factor: C	.071	Nev	Ni Ni	D	a
R-13 in 4 wood frame	ExteriorWall		1,432	Wood	13	NA	U-Factor: 0	.094	Nev	₩.		Ta
Flöor: Concr. Slab	ExteriorFloor		948	ŅA.	0	NA	U-Factor: 0	.180	Nev	H.		
DFING PRODUCT SUMMARY				1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -					5	140.3		firme d
L	2.	3.		4.		5.	6.		7,			
Product Type:	Product 225 lb ft <sup>2</sup>	Aged Solar Reflectance		hermal mittence	Ś	RI -	Cool Roof Credit	CRRC P	roduct ID N	umber		R.
Roof: U 0.70 per EZFrame	No	0.08	T	0.75	l i	IA I	No	-	NA		0	To

Project Name:		AMS Mod	ular Ch	ASSECTORITY	24x40	· · · · · · · · · · · · · · · · · · ·			NRCC-PRF-0	1-E	Page	9 of 18
Project Address:		CZ 16 Móu	mt Shá	ista (Wor	st Case) C	Z 16 Mount Shaste	inidalah dingkan dari di kana PA		Calculation	Date/Time::	17:2	3, Thu, May :
Compliance Scop	e:	NewComp	lete			ninitiaturai ana tint definise ana de		*********	Input File N	htty:	EPS	AMS 24'x40'
M. HVAC SYSTE	MSUM	MARY Isa	a NR	C.085.1	ACHLOFT	All.S for more info	rmetian		99.00000000000000000000000000000000000			
						em Equipment <sup>1</sup> (Fa	-	er info i	included below	in Table Ni		
L.		2.	****	3.		5,	<b>6</b> ,	T	7.	8.	Т	. 4
Equip Name	Equi	p Type	(Sim	m Type ple <sup>3</sup> or	Qty	Total Heating Output (kBtu/h)	Supp Heat Source (Y/I		Supp Hest utput (kBtuh)	Total Cooli Output (kibb		Effic
	<u> </u>		Con	plex")							Ĩ	Cooling
AC-1	SZV	AVHP	Sł	mple	1	45	No	Т	0	62	T	SEER-13.0
	****				****	System Equipment <sup>1</sup>	, , ,	*****	an di takan dagan di tangan dagan dagan dagan dagan dagan di tanggan dagan dagan dagan dagan dagan dagan dagan			
			******									_
<b>11.</b>		.52		13.	14.	15.	16.	-	17.	1		19.
Equip Name		Equip Typ	*8	Qty	Vol (gal)	Rated Capacity (kBtu/h)	Efficien	ку	Standby Lo	is Tank I Val		Qty
WH-1 Rheem	2	Instantana	ous.	Ĩ	3	15	EF: 0.9	30	NA	N	A	NA
	nt Includes I complete M It complete It complete Receptioner	bollers, chilleys NGC-CUI-03-E NRCC-CUI-03-E NRCC-CUI-03-E NRCC-CUI-03-E NRCC-CUI-03-E NRCC-CUI-03-E NRCC-CUI-03-E NRCC-CUI-03-E NRCC-CUI-03-E NRCC-CUI-03-E	, cooling commun E canon coble to p cleasign	e towers, in slowing des insisming of supported in ect equip	ater henters; ign review fo mign ieview ; migec ent-so mient sizh	nin Romi	Ne 5, "Addition	nal Rem	arks" for an ex	planstion}		
N. ECONOMIZE	r & Fan	I SYSTEMS	SUM	MARY <sup>1</sup>								
Ľ	2	1			3	:				4:		
	Assessed	-					I					

Control

CFM HP BHP (Inch WE) NA NA NA NA AC-1 356 1875 0.795 NA 1.35

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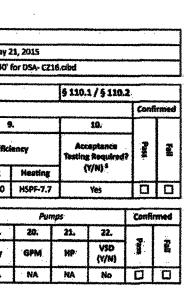
Report Version: NRCC-PRF-01-E-03232015-717

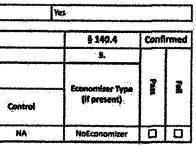
CA Building Energy Efficiency Standards- 2013 Nonresidential Comp

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	issroom 2			NRCC-PRF-01-E	Page 3 of 18	
	sta (Won	t Case) CZ 16 Mo	unt Shasta	Calculation Date/Time:	17:23, Thu, May 21, 2015	, 
plete				Input File Name:	EP6 AMS 24'x40' for DSA- CZ	16.cibd
ICATE (	OF COM	PLIANCE SUMM	ARY			
Jd.	entify wh	ich building como	onents use the performance or pre	resinika naih far comala	we "NA"= not in project	
			performance path, indicate the sh	and the second		
	T	pliance Path	Compliance Forms (required for	an a		Location of Mandatory Notes on Plans
	8	Performance	NRCC-PRF-ENV-DETAILS (section	of the NRCC-PRF-01-E)		
	D	Prescriptive	NRCC-ENV-01/02/03/04/05	/ 06-E	,	
	Π	NA			,	
	Ø	Performance	NRCC-PRF-MCH-DETAILS (section	of the NRCC-PRF-01-E)		
	٥	Prescriptive	NRCC-MCH-01/02/03/04/05	/06/07-E		
	0	NA				
	Ø	Performance	NRCC-PRF-PLB-DETAILS (section	of the NRCC-PRF-01-E)		
		Prescriptive	NRCC-PLB-01-E			1
	٥	NA				
	8	Performance .	NRCC-PRF-LTI-DETAILS (section o	f the NRCC-PRF-01-E)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		Prescriptive	NRCC-131-01/02/03/04/05-E		,	
		NA.		******		ľ
		Performace	52 (section of the NRCC-PRF-01-L	5)		
		Prescriptive	NRCC-PRC-01/03-E			·
	8	NA				<b>1</b>
		Performance	53 (section of the NRCC-PRF-01-I	E)		
		Prescriptive	NRCC-PRC-01/04-E	and a second state of the second s		
	8	NA	· · · · · · · · · · · · · · · · · · ·			
		Performace	54 (section of the NRCC-PRF-01-6	1)		
		Prescriptive	NRCC-PRC-01/09-E			×
		NA				

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ı, May 21, 2015		
M'x40' for DSA- CZ16.	cibd	
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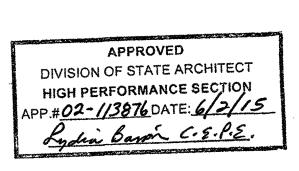
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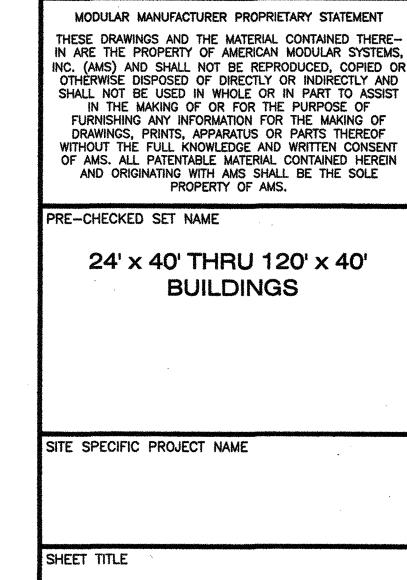




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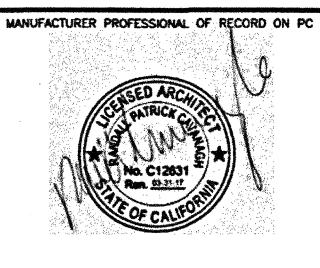
**American Modular System** 

787 Spreckels Ave. Manteca, CA 95336

americanmodular.com

Phone (209) 825-1921 - Fax (209) 825-7018

ENERGY CALCULATIONS

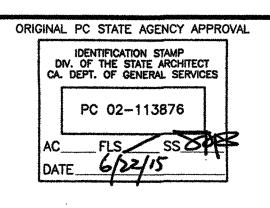


PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT

APPL 01-115705

ACS\_\_\_\_\_FLS\_\_\_\_SSS\_\_\_\_\_\_ DATE\_\_APR\_\_0\_8\_2016



PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

REVISIONS DRAWN BY: SCALE: AS NOTED DATE:

SHEET NUMBER

**EN**.1

AMS Modular Classroom 24x40 NRCC-PRF-01-E Page 10 of 18 Project Name: Project Address: CZ 16 Mount Shasta (Worst Case) CZ 16 Mount Shasta alculation Date/Time: 17:23, Thu, May 21, 2015 Input File Name: EP6 AMS 24'x40' for DSA- CZ16.cibd Compliance Scope: NewComplete O. EQUIPMENT CONTROLS § 120.2 Confirmed 1. 2. 3. Equip Type Equip Name Controls No DCV Controls No Economizer No Supply Air Temp. Control AC-1 SZVAVHP DHW1 - SHW Service Hot Water, Frimary Only Fixed Temperature Control, No DDC P. SYSTEM DISTRIBUTION SUMMARY \$ 120.4/ \$ 140.4(i) This Section Does Not Apply Oces the Project Include Zonal Systems? (If "Yes", see NRCC-PRF-MCH-DETAILS for system information) No Does the Project include a Solar Hot Water System? (if "Yes", see NRCC-PRF-MCH-DETAILS for system information) No No amily or Hotal/ Matel Occupancy? (If "Yes", see NRCC-PRF-MCH-DETAILS for DHW system Information) § 140.6 Confirmed Q. INDOOR CONDITIONED LIGHTING GENERAL INFO (see NRCC-PRF-LTI-DETAILS for more info) 2. 4, **L** 3. 5. Landitioned Floor Ares <sup>2</sup> Installed Lighting Power (Watts) Lighting Control Credit: (Watts) Occupancy Type 2 Additional (Custom) Allowance (87) Area Category Footnotes (Watts) Tailored Method (Watts) Classrooms, Lecture, Training, Vocational Areas 948 480 0 0 0 Building Totals: - 948 480 0 <sup>1</sup> See Ruble 140.5-C

Report Version: NRCC-PRF-01-E-03232015-717

#### CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

- <sup>2</sup> See MRCC-111-01-6 for unconditioned spoc

AMS Modular Classroom 24x40 NRCC-PRF-01-E Page 13 of 18 Project Name: Project Address: CZ 16 Mount Shasta (Worst Case) CZ 16 Mount Shasta alculation Date/Time: 17:23, Thu, May 21, 2015 Compliance Scope: uput File Name: EP6 AMS 24'x40' for DSA- CZ16.cibd NewComplete

NRCC-PRF-ENV-DETAILS -SECTION START-

A. OPAQUE SURFACE ASSE	MBLY DETAILS	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	anda kalenda filo 2010 meter aran (de fa a la de	49-02-109-14-501 (10-10-10-10-10-10-10-10-10-10-10-10-10-1		Confirm	ed	
1.	2.:	3			. 4,.	7	Z	
Surface Name	Surface Type	Description of Assembly Layers			Notes	8	<b>6</b>	
Roof: U 9.70 per E2Frame	Roof	Marai frameri cont 74in (V. 5 Sin 8.19			Roof: U-factor has been calculated using EZFrame (see EZFrame report)	0	<u>,</u> a	
R-13 in 4 wood frame	ExteriorWall	Wood sidir Vapor permeet Wood framed wall, 1 Gypsum Bos		a	.a			
Floor: Conce Slab	ExteriorFloor	Air - Ficor - 3.1/2 in. Cancrete - 80 (b/ft3 - 4 in. Carpet - 3/4 in.			Concrete on metal deck floor	<b>D</b> .		
B. OVERHANG DETAILS (Adapted from NRCC-ENV-02-E) Confirmed								
1.	2.	1	9. 9.	Γ	4.		يا يون بالمانية بالمانية المانية المانية المانية الم	
Fenestration Tag/ID	Fenestration Orientation	Overhang I	Dimensions.	Side fin		1	Z.	
a considerations sufficients	senéntanou visienenoù	Horizontal Projection	Distance Above Window	Vertical Projection				
10x8 window OH13	South	3.0 R.	3.0 A.	Left: O ft., Right: O ff.		۵		
10x8 window OH15	North	4.0ft.	4.0 ft.	Lei	it: Oft., Right: Oft.	0	α	

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance Report Version: NRCC-PRF-01-E-03232015-717

Project Name:	AMS Modular Classroom 2	AMS Modular Classroom 24x40				Page 16 of 18				
Project Address:	CZ 16 Mount Shaste (Wors	CZ 16 Mount Sheste (Worst Case) CZ 16 Mount Shasta			Calculation Date/Time: 17:23, Thu, May 21, 2015		a na mana na ana ana ana ana ana ana ana			
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IRCC-PRF-LTI	-DETAILS -SECTION START-				900 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 -					
A. INDOOR COI	NDITIONED LIGHTING CONTROL	CREDITS (Adapted from NRCC-L	ті-02-е)				§ 140.6			
Lighting Control Credits Schedule (includes all lighting controls installed in conditioned space for compliance credit per §140.6(a)2 and Table 140.6-A)						rtion :		1	irmed	
Location in Building	Occupancy Type (must meet. requirements of Table 140.6-A)	Type/Description of Lighting Control (i.e.; partial on occupancy sensor, manual dimining, etc.)	# of Units	Watts of Controlled Lighting	Power Adjustment Factor	Control Credit Watts	V If Acceptance Test Required	Pass	Fail	
S-1-Classroom	Classrooms, Lecture, Training, Vocational Areas	+ norie specified -	ľ	.480	0.00	0.				
. INDOOR COI	NDITIONED LIGHTING MANDATO	DRY LIGHTING CONTROLS (Adapt	ted from NRCC	-LTI-02-E)				§ 1	30.1	
his Section Doe				•						
(30,3 (v) = Monuol on	ra controls, 6130.0(b) + Muni Lavel, 6130.1(c)	• Auto Shut-Off: \$130.1(d) • Mondatory Daying	nt; 5130,1(e) - Oemoi	nd Responsive						
. TAILORED M	ETHOD LIGHTING POWER ALLO	WANCE SUMMARY AND CHECKL	IST (Adapted fi	om NRCC-LTI-04-	E)		§ 140.6		*****	
Seneral lighting j	power (see Table D)	1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997), 1997)	9221995299979797999999999999999999999999	anten dier Detic 1. dae gewanne de die die die die die die die die die				0		
Seneral lighting power from special function areas (see Table E)										

Additional "use it or lose	it" (See Table G)						0	
						Total watts	0	
). GENERAL LIGHTING	POWER (Adapted from NRCC-LTI-04	I-E}	and a support of the			*****	\$ 140.6-	D.
This Section Does Not Ap	ply,	an de suites de la terrent d'Alle de la décision de citates e comme de mataciones			<u>, a 1917 - C. Martin C. C. Sandara (</u>			
- ACRICALL INCOME	FROM SPECIAL FUNCTION AREAS (A	And the second second second second		n fa staden gin specification and a state of the state of t				
							2 440 61	1 314
	mont specific point non areas (	adding upun mice-ei -	D4-t)				\$ 140.6	c) 3H
		Illuminance Value	Room Cavity Ratio	Allowed 1 875	Stars Acas (bi)	Allowed Minte	§ 140.6( Confi	
Room Number	Primary Function Area		Y	Allowed LPD	Floor Area (ft <sup>3</sup> ).	Allowed Watts		

CA Building Energy Efficiency Standards- 2013 Nonresk

#### Report Version: NRCC-PRF-01-E-03232015-717

	· · ·					- - - - - - - -	
	Project Name: AMS Modular Classroom 24x40 Project Address: C2 16 Mount Shasta (Worst Case) C7 16 Mount Shasta	NRCC-PRF-01-E     Page 11 of 18       Calculation Date/Time:     17:23, Thu, May 21, 2015		aj januaria an		lular Classroom 24×40 unt Shasta (Worst Case) CZ 16 Möurit Sh	NRCC-PRF-01-E Page 12 o aste Cakulation Date/Time: 17:23; Th
	Compliance Scope: NewComplete R. INDOOR CONDITIONED LIGHTING SCHEDULE (Adapted from NRCC-LTI-01-E) <sup>1</sup>	Input File Name: EP6 AMS 24'w40' for DSA- C216.cibd	§ 130.0	al haaaaaaa Y iyoo	iance Scope: NewCom		Input File Name: EP6 AMS
	Luminaire Schedule (includes all permanent installed lighting in conditioned space, and portable lighting over 0.3 w/R <sup>2</sup> in offices)	Installed Writs (Conditioned)	Confirmed	Docum	entation Author Name: Hans	ilance documentation is accurate and co Marsman, LEED AP, CEA, CEPE	Documentation Author Signature:
	Nome or item Tag. S-iamp fluorescent troffer, F32T8, Watts per luminaire one dimmable electronic ballast)	How Wattage is Determined         Total Number           CEC Default         According to from NA8         \$130.0(c)	Pass Fail	Addres	any: Brummitt Energy Associa 18: 777 South Highway 101, St 18të/Zip: Solana Beach / CA / 1	ite 203	Signature Date: CEA Identification (If applicable): - specify - 1 Phone: 619.531.1126 x5
	VILED À - 60% LED 50 <sup>2</sup> /f lighting power densities were used in the compliance model Building Departments will need to check presentative.	Yes No 8 480		.]		of perjury, under the laws of the State o	
	S1. COVERED PROCESS SUMMARY - ENCLOSED PARKING GARAGES This Section Does Not Apply	§ 140.9	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	] 🗙	as the person responsible engineer, electrical engine	for its preparation; and that I am license er, or I am a licensed architect.	of the Business and Professions Code to sign this document d in the State of California as a civil engineer, mechanical
	S2. COVERED PROCESS SUMMARY - COMMERCIAL KITCHENS This Section Does Not Apply	§ 140.9			sign this document as the I affirm that I am eligible u	person responsible for its preparation; a inder Division 3 of the Business and Prof	Business and Professions Code by section 5537.2 or 5737.3 to and that I am a licensed contractor performing this work. Jessions Code to sign this document because it pertains to a
.6 ned	SJ. COVERED PROCESS SUMMARY - COMPUTER ROOMS	§ 140.9		- Buildin	g Owner's Name: - specify -	described as exempt pursuant to Busine	ss and Professions Code Sections 5537, 5538 and 6737.1. Building Owner's Signature: Date Signed:
	This Section Does Not Apply S4. COVERED PROCESS SUMMARY - LABORATORY EXHAUSTS	[§ 140.9	andre and a second s	City/St	ss: - specify - late/Zip: - specify - / - specify nsible Architectural Designer i	and the second secon	Phone: - specify - Responsible Architectural Designer Signature
	This Section Does Not Apply		1999 - 1999 - 1999 - 1999 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	Addres	any: American Modular Syster ss: 787 Spreckels Avenue	n and an	Date Signed: 05/21/15 License: C12631
				Respon	ate/Zip: Manteca / CA / 9533 nuble Lighting Designer Name any: American Moduler Syster	: Randall P Cavannagh	Phone: 209.825.1921 Responsible Lighting Designer Signature; Date Signed: 05/21/15
المصم				City/St	ss: 787 Spreckels Avenue late/Zip: Manteca / CA / 9533		License: C12631 Phone: 209.825.1921
				Compa	nsible Mechanical Designer N any: American Modular System ss: 787 Spreckels Avenue	A CALL REPORT OF THE REPORT	Responsible Mechanical Designer Signature: Date Signed: 05/21/15 License: C12631
				City/St	tate/Zip: Manteca / CA / 9533	, , , , , , , , , , , , , , , , , , ,	Phone: 209.825.1921
	CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance	Report Version: NRCC-PRF-01-E-03232015-717		CA Bull	ding Energy Efficiency Standa	rds- 2013 Nonresidential Compliance	Report Version
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۰۰ بندو	RCC-PRF-MCH-DETAILS -SECTION START- MECHANICAL VENTILATION AND REHEAT (Adopted from 2013-NRCC-MCH-03-E)		infirmed	1. DHW Name	2. 3.	4. S. 6. Oty Distribution Rated	Input Michaney Pilot Energy External Tank Vol
ŀ	1. DESIGN AIR FLOWS	2, VENTILATION (§ 120.1)		WH-1 Rheen	n2 Electricity Instantar		
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	1-Classroom AC-1 1,875 500 0.27 NA NA N	AC-1 948 0.38 47 7 356 356 NA N		G. MECHANI	ICAL HVAC ACCEPTANCE T	ESTS & FORMS (Adopted from 2013-	
E	20NAL SYSTEM AND TERMINAL UNIT SUMMARY		140,4	Declaration of Inspector to vi			that may be submitted. (Retain copies and verify forms are compl
F	1.         2.         3.         4.         5.           Rated Capacity (kBtuh)	Airitow (cfm) Fan	anfirmed	Test Descri	ption ACH-82	ACH-07A ACH-05A	NCH-14A
ŀ	System ID System Type Oty Heating Cooling Classroom-TRM VAVNoReheatBox 1 NA NA NA	Zone Name         Deilgn         Min.         Min.         Min.         BHP         Cyclas         ECM         Motor           1-Classroom         1875         500         0.27         NA         NA         I         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E         E		Equipment	Single Zor	Suppl Avr D	Dist. End Dist. End FDD fe FDD fe Austo De Austo De Austo De Supphy 1
4	. EXHAUST FAN SUMMARY			Requiring Testing or Verification	# of units Air units	ply Fan VAV DCV mitter Contro	Energy Storage DX AC Zone D for DX Units D for DX Units D for DX Units D Control Control Control Aceset Temp
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Pro	ject Namie: AMS Modular Classroom 24x40 ject Address: CZ 16 Mount Shasta (Worst Case) CZ 16 Mount Shasta npliance Scope: NewComplete	NRCC-PRF-01-E         Page 17 of 18           Calculation Date/Time:         17:23, Thu, May 21, 2015           Input File Name:         EP6 AMS 24'x40' for DSA- C216.cibd		Project Name Project Addre Compliance Si	ss: C2 16 Mount Sha	issroom 24x40 ista (Worst Case) CZ 16 Mount Shasta	NRCC-PRF-01-E Page 18 of 18 Calculation Date/Time: 17:23, Thu, May Input File Name: EP6 AM5 24*44
F.I	Rectanguk			H. INDOOR	& OUTDOOR LIGHTING AC		d from NRCC-LTI-01-E and NRCC-LTO-01-E)
	Room Number Task/Activity Description Room Length (/t)	Room Wetth (fr) Room Cavity Height (fr) BCR Con	firmed Fail		Test Description		that must be verified in the field. (Retain copies and verify form Field Inspector to verify). Indoor
- former	NA NA NA NA	NA NA NA D			+ Baaning	InncA-171-02-A Units Occ Sensors / Auto Ti Switch	NRCA-LTI-03-A         NRCA-LTI-04-A           me         Auto Daylight         Demand Responsive
Nose	s Section Does Not Apply All applicable spaces are listed under the Non-Rectangular Spaces table			Automatic	Time Switch		
ei 	ADDITIONAL "USE IT OR LOSE IT" (Adapted from NRCC-LTI-04-E)  1. 2. 3  Wall Display Combined Floor Display and Task Combined Ornam	ental and Special Linux Visionitian administranting	- fair-a-main	Demand F	Responsive	0	
Ŀ	Wali Display Lighting Effects L 0 0 0 0	ighting Very variable werchandists					e
	Wall Display s Section Does Not Apply					1 2 4 4 4 4 4 4 4 4 4 4 4 4 4	
	Floor Display and Task Lighting s Section Does Not Apply					; ; ;	
7.	Combined Ornamental and Special Effects Lighting s Section Does Not Apply					· · ·	
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CA Building Energy Efficiency Standards- 2013 Nonres

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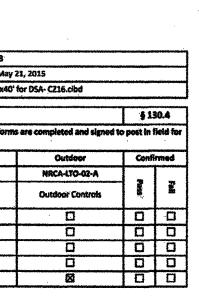
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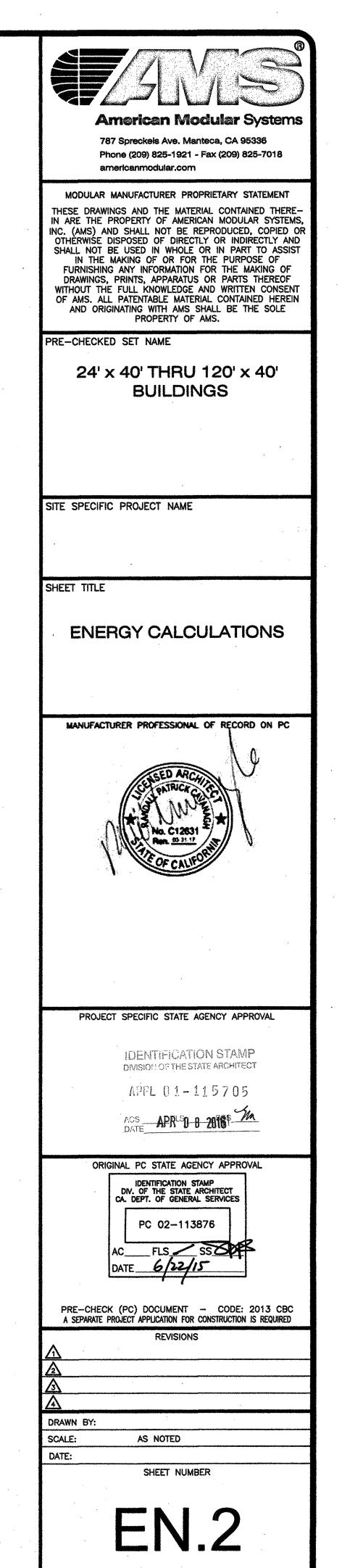
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Report Version: NRCC-PRF-01-E-03232015-727

APPROVED

DIVISION OF STATE ARCHITECT HIGH PERFORMANCE SECTION APP.#02-113896 DATE: 6/2/15 Lyan Barn C. E.P.E.



	American Modular Systems   Gen7
Performance Runs By Zone & 45* Orientation	2013 Energy Code
NOTE: Enter data in colored cells only.	

NOTE: Emerican	in colored cells only.		
Project Name;	120' x 40' Modular Classroom	DSA Application #: 0X-XXXXX	An an an and a sub-
Date of Title 24 Report.	244/2015	DSA File No.;	
Model Name and Option:	EPS AMS 120'x40' for DSA.bld	HVAC Units: Model ID	Efficiency: EER, SEER
Module's Floor Area: Additional Information:	4740	Additional Info. Additional Info.	
	n performance runs in columns 2 and 3 for detailed information on Table A - One Spree		

Climate Zone: 14 Reference City: China Lake							
Front Orientation	Std Budget kBtu/sf-yr	Prop. Design kBtu/sf-yr	Compilance margin				
0	468.10	455.40	2.7%				
45	489.30	475.70	2.8%				
90	497.00	480.80	3.3%				
135	482.10	469.40	2.6%				
180	467.30	455.70	2.5%				
225	486.20	479.50	1.4%				
270	493.80	482.00	2.4%				
315	480.70	467.20	2.8%				

	EP6 AMS 1201	x40 for DSA bld	
Climate	Zone: 16 Refe	rence City: Nour	it Shasta
Front	Std Budget	Prop. Design	Compliance
Orientation	k8tu/sf-yr	k8tu/sf-yr	margin
0	426.50	393.00	7.9%
45	441.80	406.70	7.9%
90`	445.70	409.60	8.1%
135	430.80	399.50	7.3%
180	423.60	393.80	7.0%
225	438.30	407.20	7.1%
270	442.10	410,40	7.2%
315	428.80	399.30	6,9%

Std Budget	Prop. Design	Compliance
kBtu/sf-yr	kBtu/sf-yr	margin
507.40	492.20	3.0%
524.20	\$07.40	3.2%
527.80	512.20	3.0%
514.00	.501.10	2.5%
505.10	492.20	2.6%
523.90	509.60	2.7%
528.70	512.70	3.0%
515.20	501.20	2.7%
-	The second s	
lion Types	Insulation	R Values
lion Types	Insulation	
ilan Types	inaulation Standin	R Values g Seam
ilan Types	insulation Standin R·	R Values Ig Seam 13
lian Types	inaulation Standin R- Option: R-13	R Vakos Ig Seem 13 batt + R-5 c.1
ilan Types	inaulation Standin R- Option: R-13	R Values Ig Seam 13
	inaulation Standin R- Option: R-13	R Vakos Ig Seem 13 batt + R-5 c.1
Gless Type	insulation Standin R- Option: R-13 Concrete 1	R Vakes og Seam 13 batt + R-5 c.i Sieb sbove
Cless Type U-Fector	Insulation Standin R- Option: R-13 Concrete Open	R Values Ig Seam 13 batt + R-5 c.i Sieb shove Fixed
Class Type U-Factor: RSHGC:	Insulation Standin R Option: R-13 Concrete Open 0.78 (NFRC)	R Values Ig Seam 13 batt + R-5 c.i Sieb shove Fixed
	k8tu/s1-yr 507.40 524.20 527.80 514.00 505.10 523.90 528.70 515.20	k8tu/si-yr         k8tu/si-yr           507.40         492.20           524.20         507.40           527.80         512.20           514.00         501.10           505.10         492.20           523.90         505.60           528.70         512.70           515.20         501.20

10.4 EER (12.3 SEER) 3.2 COP (7.7 HSPF)

EP6 AMS 120'x40' for DSA.bid Climate Zone: 15 Reference City: El Centro

PR	wacht gerecom her winner h	w17				
1.	Project Location (city)		CZ 14	7	. # of dwellin	g units:
2.	CA Zip Code				. Compliance	Software (version)
3.	Climate Zone		14	9	. Building Ori	entation (deg)
4.	Total Conditioned Floor Area		4,740 h <sup>2</sup>	26	k Permitted S	cope of Work
<b>S</b> .	Total Unconditioned Floor Area		o n²	13	L. Building Typ	væ(s)
6.	# of Stories (Habitable Above G	ade)	1			
8. CC	OMPLIANCE RESULTS FOR PER	FORMANC	E COMPONENTS	BUILDING CO	MPLIES	
	1. Energy Component	2. Su	indard Design (TDV)	3. Proposed Des		4. Compliance M
Space	e Heating		- 16.9		46.7	
Space	e Coaling	t —	175.1		206.4	
Indoc	or Fans		148.8		61.4	
Heat	Rejection		······································			
Pump	os & Misc.		هاي			
Dam	estic Hot Water		18.2		72:9	
Indoc	or Lighting		60.6		25.5	
COM	PLIANCE TOTAL		419.6		412.9	
Rece	ptacle		66.5		<b>56.6</b>	
Proce	255 ',		<u>مە</u>		-	
Proce	rss Ltg		946 		**	
In case	4	1	444.0	1	4004.0	1

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

roject Name:

Project Address:

Compliance Scope:

1.

estration Assembly N Tag or I.D.

All Weather 3/168 Grey / 1/88 Clear NFRC

CA Building Energy Efficiency Standards- 2013 Nonresidential Complian

<sup>1</sup> Newly installed fenantration shall is Aspendic MAG.

Report Version: NRCC-PRF-01-E-03232015-717

AMS Modular Classroom 120x40

oject Address: CZ 14 Chine Lake - 90 deg CZ 14

mpliance Scope: NewComplete

. PROJECT GENERAL INFORMATIO

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name:

When a unique PC design contains multiple sizes, the smallest and the largest potential size should be modeled at 30 compass intervals it each Climate Zone for which the PC seeks approval. The electronically-generated computer file(s) that produced the worst case energy use results for each climate zone for each unique PC

design configuration that is modeled should be provided to DSA. Brummitt Energy Associates, Inc. www.brummitt.com

Bard S49H1 (SPVU) - 5 ton Bard S49H1 (SPVU) - 5 ton

Project Nan	NC:	AMS Modular Classroom 1	20×40	NRCC-P	RF-01-E	Page 4 of 20			
Project Add	ress:	CZ 14 China Lake - 90 deg	C7 14	Calculat	lion Date/Tim	e: 17:14, Thu, May 21, 2015	21, 2015		
Compliance	: Scope:	NewComplete		input Fi	le Name:	EP6 AMS 120'x40' for DSA	CZ14.cibd		
G. COMPL	IANCE PAT	H & CERTIFICATE OF COM	PLIANCE SUMMARY						
The following building components are only eligible for prescriptive compliance. Indicate which are The following i relevant to the project.				wing building components may have mondatory requirements per Part 6. Indicate which are relevant to the project.					
Yes	NA	Prescriptive Requirement	Compliance Forms	Yes	NA	Mandatory Requirement	Compliance Forms		
۵	Ø	Lighting (Indoor Unconditioned) \$140.5	NRCC-LTI-01 / 02 / 03 / 04 / 05-E	B	8	Commissioning: §120.8 Simple Systems Complex Systems	NRCC-CXR-01/02/03/05-E NRCC-CXR-01/02/04/05-E		
۵	8	Lighting (Outdoor) \$140.7	NRCC-LTO-01 / 02 / 03-E	۵	8	Electrical: §130.5	NRCC-ELC-01-E		
	×	Lighting (Sign) §140.8	NRCC-LTS-01-E	Ø		Solar Ready: §110.10	NRCC-SRA-01 / 02-E		
Ō	83	Solar Thermal Water Heating: \$140.5	NRCČSTH-01-E		XXXXXX XXXXXXX	Covered Process: § 120.6 Parking Garage Commercial Refrigeration Warehouse Refrigeration Compressed Air Process Boilers	NRCC-PRC-01-E NRCC-PRC-02-E NRCC-PRC-05-E NRCC-PRC-06/07/08-E NRCC-PRC-10-E NRCC-PRC-11-E		

CA Building Energy Efficiency Standards- 2013 Monresidential Compliance

Project Name:

North Wall

South Wall

West Wall

East Wall

roject Address:

mpliance Scope:

Report Version: NRCC-PRF-01-E-03232015-717

NRCC-PRF-01-E Page 7 of 20 AMS Modular Classroom 120x40 CZ 14 China Lake - 90 deg CZ 14 alculation Date/Time: 17:14) Thu, May 21, 2015 EP6 AMS 120'x40' for DSA - C214.cibd NewComplete nput File Name: IN. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCI/NRCA/NRCV) Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance Confirmed (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify). See Tables G. and H. in MCH and LTI Details Sections for Acceptance Tests and forms by equipment. Building Component Compliance Forms (required for submittel) **J NRCI-PRC-DI-E Refrigerated Warehouse** NRCA-PRC-01-F- Compressed Air Systems NRCA-PRC-02-F- Kitchen Exhaust NRCA-PRC-03-5- Garage Exhaust Survey State Controls National Controls State Controls NRCA-PRC-05-F- Refrigerated Warehouse- Evaporative Condenser Controls ] NRCA-PRC-06-F- Refrigerated Warehouse- Air Cooled Condenser Controls NRCA-PRC-07F- Refrigerated Warehouse-Variable Speed Compressor ] NRCA-PRC-08-F- Electrical Resistance Underslab Heating System I. ENVELOPE GENERAL INFORMATION (See NRCC-PRF-ENV-DETAILS for more information) 1. Total Conditioned Floor Area 4,740 ft<sup>2</sup> S. Number of Floors Above Grade Confirmed 2; Total Unconditioned Floor Area 6. Number of Floors Below Grade 3. Addition Conditioned Floor Area 2 4. Addition Unconditioned Floor Area 9. Total Fenestration Area 8. Total Gross Surface Area 10. Window to Wall Ratio . Opaque Surfaces & Orientation 
 28.7%
 □

 00.0%
 □

 30.4%
 □

 00.0%
 □

 22.2%
 □

 00.0%
 □
 1,395 M 400 1 445 ft 1,315 ft<sup>3</sup> 400 ft' .445 R 0 ft2 3,600 tt<sup>2</sup> 800 ft<sup>2</sup> 4,740 ft<sup>3</sup> 0 12

Report Version; NRCC-PRF-01-E-03232015-717 CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

NRCC-PRF-01	E Page 1 of 20			Project N	ime;	AMS Modular Classroom 120x40		NRCC-PRF-01-E	Page 2 of 20	Project Name:	AMS Modular Classroo	om 120x40
Calculation D	te/Time: 17:14, Thu, May 21	, 2015		Project A	kiress:	CZ 14 China Lake - 90 deg CZ 14	an a	Calculation Date/Time:	17:14, Thu, May 21, 2015	Project Address:	CZ 14 China Lake - 90 c	deg CZ 14
Input File Nar	ie: EP6 AMS 120'x40' f	or DSA	C214.cibd	Complian	te Scope:	NewComplete		Input file Name:	EP8 AMS 120'x40' for DSA - C214.clbd	Compliance Scope:	NewComplete	
			Ì	C. PRIOR	ITY PLAN CH	ECK/ INSPECTION ITEMS (in order of h	ighest to lowest TDV energy savin	g3)		G. COMPLIANCE PA	TH & CERTIFICATE OF CO	OMPLIANCE
# of dwelling	mits-	0		1st	Indoor Fans:	Check envelope and mechanical	Com	silance Margin By Energy	Component (from Table B column 4)		Identify	which build
Compliance S	sitware (version)	CBECC	Com 2013-3b (717)	200	Indoor Light	ng: Check lighting	Ind	oor Fans			For comp	onents that i
<b>Building Orier</b>	tation (deg)	(5) 225	deg	Brd	Heat Rejectk	m: Chick envelope and mechanical	and -	Lighting		Building Component		Compliance P
Permitted Sco	pe of Work	NewCo	mplete	4th	Pumps & Mit	c.: Check mechanical	<b>I</b> )	lejection				63 Jan.
Building Type	5}	Nonre	idential	Sth	Space Heatin	g: Check envelope and mechanical		e & Miso. Heating				Perform
				6th	Space Coolin	g: Check envelope and mechanical		Cooling		Envelope		
							Domestic H	ot Water				S Perform
			5 140.1	7th	Domestic Ho	t Water: Check mechanical		ومراجعة ومنصب والمراجع والمراجع	Panality	Mechanical		Prescrip
APLIES				L	1					-J.		
(TOV)	4. Compliance Margin (TDV		S. Percent Better than Standard	D. EXCEP	TIONAL CON	DITIONS	<u>4</u>					Perform
46.7	والمادج فالعليات المادي الجمالة الشوريني ومروع ومروعا معتمان متحيا الجرمان والمان	-29.8	-176.3%					sumably to meet unmet k	ad hour requirements. Verify that the equipment in the design	Domestic Hot Water	ľ	D Prescrip
206.4		-31.3	-17.9%	and the second s		ng and heating capacity for the spaces serv						
61.4		87.4	\$8.7%	Water he	sters have not	been sized to meet loads specified in the N	ACM and may not have adequate cap	acity.				Perform
				E. HERS	VERIFICATION	***************************************		****		Lighting (Indoor Cond		C Prescrip
72.9		-54.7	-300.5%	This Secti	on Does Not A	apiv	an a	*****				
25.5	na ya na makani kata kata kata kata kata kata kata kat	35.1	-300.3%	Leanning		· · · ·	***			Covered Process		D Perform
412.9		6.7	1.6%	F. ADDIT	ional rema	RKS .				Commercial Kitchens		Prescri
66.6	n an		0.0%	None Pro	vided							8 NA
			······································	5				•		Covered Process:		Perform
-										Computer Rooms		NA NA
479.S	ni den milita kana de la mana de la mana de la malita de la mana de		1.4%									C Perform
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									:	Laboratory Exhaust	ŀ	
	,									1	1	EN INA

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

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CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name:	AMS Modular Classroom 120x40	NRCC-PRF-01-E	Page 5 of 20		
Project Address:	CZ 14 China Lake - 90 deg CZ 14	Calculation Date/Time:	17:14, Thu, May 21, 2015		
Compliance Scope:	NewComplete	Input File Name:	EP6 AMS 120'x40' for DSA - C214	l.cibd	
Documentation Auth (Retain copies and ve	STALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VER r to Indicate which Certificates must be submitted for the features ify forms are completed and signed to post in field for Field Inspec MCH and LTI Details Sections for Acceptance Tests and forms by e	to be recognized for compliants to verify).		Confi	rined
Building Component	Compliance Forms (required for submittel)			Pass	fail
Invelope	X NRCI-ENV-01-E - For all buildings			D	D
	NRCA-ENV-02-F- NFRC label verification for fenestration			D	
	2 NRCI-MCH-01-E - For all buildings with Mechanical Systems			۵	D
	🛛 NRCA-MCH-02-A- Outdoor Air	i		۵	
	NRCA-MCH-03-A - Constant Volume Single Zone HVAC			۵	
	NRCA-MCH-04-H- Air Distribution Duct Leakage				D
	NRCA-MCH-05-A- Air Economizer Controls			۵	· D
	NRCA-MCH-06-A- Demand Control Ventilation			0	a
	INRCA-MCH-07-A - Supply Fan Variable Flow Controls			۵	0
	NRCA-MCH-08-A- Valve Leakage Test				0
	NRCA-MCH-09-A - Supply Water Temp Reset Controls			۵	D
Mechanical	INRCA-MCH-10-A- Hydronic System Variable Flow Controls			D	0
	NRCA-MCH-11-A - Auto Demand Shed Controls			۵	0
	NRCA-MCH-12-A- Packaged Direct Expansion Units				0
	NRCA-MCH-13-A- Air Handling Units and Zone Terminal Units			۵	0
	NRCA-MCH-14-A- Distributed Energy Storage				
	NRCA-MCH-15-A - Thermal Energy Storage			٥	0
•	NRCA-MCH-16-A-Supply Air Temp Reset Controls			0.	0
	NRCA-MCH-17-A - Condensate Water Temp Reset Controls			٥	0
	NRCA-MCH-18-A- Energy Management Controls Systems			۵	
	NRCV-MCH-04-H- Duct Leakage Test				

Project Name:	AMS Modular Classroom 120:40	NRCC-PRF-01-E	Page 6 of 20							
Project Address:	CZ 14 China Lake - 90 deg CZ 14	Calculation Date/Time:	17:14, Thu, May 21, 2							
Compliance Scope:	NewComplete	Input File Nome:	EP6 AMS 120'x40' for							
Documentation Auth (Retain copies and ve	ISTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF or to indicate which Certificates must be submitted for the featurity forms are completed and signed to post in field for Field ins in MCH and LTI Details Sections for Acceptance Tests and forms i	res to be recognized for compli pector to verify).								
<b>Building Component</b>	Compliance Forms (required for submittel)									
	NRCI-PL8-01-E - For all buildings with Plumbing Systems									
	NRCI-PLB-02-E - required on central systems in high-rise relations in high-rise relations.	esidential, hotel/motel application.								
	NRCI-PLB-03-E - Single dwelling unit systems in high-rise residential, hotel/motel application.									
Plumbing	NRCI-PLB-21-E - HERS verified central systems in high-rise residential, hotel/motel application;									
Truinue B	NRCI-PLB-22-E - HERS verified single dwelling unit systems	NRCI-P1.B-22-E - HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.								
	NRCV-PLB-21-H- HERS verified central systems in high-rise	residential, hotel/motel applicatio	กะ							
	NRCV-PLB-22-H - HERS verified single dwelling unit system	is in high-rise residential, hotel/mo	tel application.							
	NRCI-STH-01-E - Any solar water heating									
	X NRCI-LTI-01-E - For all buildings									
	NRCI-LTI-02-E - Lighting control system, or for an Energy N	lanagement Control System (EMCS	)							
	INRCI-LTI-03-E - Line-voltage track lighting integral current energize only line-voltage track lighting	NRCI-LTI-03-E - Line-voltage track lighting integral current limiter; or for a supplementary overcurrent protection pa energize only line-voltage track lighting:								
	NRCI-LTI-D4-E - Two interlocked systems serving an auditorium, a convention center, a conference room, or a theat									
Indoor Lighting	NRCI-LTI-05-E - Lighting Control Credit Power Adjustment Factor (PAF)									
	NRCI-LTI-06-E - Additional waitage installed in a video com	NRCI-LTI-DG-E - Additional wattage installed in a video conferencing studio								
e	INRCA-LTI-02-A - Occupancy sensors and automatic time s	I NRCA-LTI-02-A - Occupancy sensors and automatic time switch controls.								
	NRCA-LTI-03-A - Automatic daylighting controls	NRCA-LTI-03-A - Automatic daylighting controls								
	NRCA-LTI-04-A - Demand responsive lighting controls									
	NRCI-LTO-01-E - Outdoor Lighting									
Outdoor Lighting	NRCI-LTO-01-E- EMCS Lighting Control System									
	NRCA-LTO-02-A - Outdoor Lighting Control									
Sign Lighting -	NRCI-LTS-01-E-Sign Lighting									
Electrical	NRCI-ELC-01-E - Electrical Power Distribution		·							
Photovoltaic:	NRCI-SPV-01-E Photovoltaic Systems									

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Project Name:		AMS Mot	tular Ot	ISSTOOT	120x40			NRCC-PRF-C	1-E	Page 9	of 20	
Project Address:		CZ 14 Chi	na Lake	- 90 déş	CZ 14			Calculation	Date/Time:	17:14,	Thu, Máy I	21, 2(
Compliance Scop	e:	NewCom	pleie					Input File N	ame:	EPB AN	AS 120'x40	for
M. HVAC SYSTE	M SUN	AMARY (s	ee NRC	C-PRF-	MCH-DET	AILS for more infi	ormation)		*****			
					Dry Syst	em Equipment <sup>1</sup> (Fa	in & Economizer i	nfo included below	in Table N)			
1.		2.)		3:	4.	5,	6.	.7			1	<b>.</b> :
Equip Name	Equ	lp Type .	(Sim	nii Type ple <sup>3</sup> or	Qty	Total Heating Output (kätu/h)	Supp Heat Source (Y/N)	Supp Heat Output (k8tuh)	Total Coolin Output (kBtu	<u>m</u>	Effic	
			Lon	nolex *}		ÿ					Cooling	н
AC-1	SZ	VAVHP	Co	mplex	5	-62	No	0	63	s	EER-13.0	HS
AC-1 2	SZ	/AVHP	Co	mplex	1	62	No	0	63	5	EER-13.0	HS.
AC-131	:SZ	AVHP	Co	mplex	2	62	No	Ū.	63	S	EER-13:0	H
AC-1.3	S21	AVHP	Co	mplex	1	62.	No	Ö	63	S	EER-13.0	H
AC-14	\$Z	VAVHP	Co	mplex	1	62	No	0	63.	5	EER-13.0	H.
a na ann an a	*******	and al al an			Wet	System Equipment			na contra de sindesite de la contra de la cont		Ť	
11.	Т	12,		13.	.14:	15,	16.	-17,	18	****	19.	Τ
Equip Name		Equip T	/pe	Qty	Voi (gal)	Rated Capacity (kBtu/h)	Efficiency	Standby Lo	ss Tank E Valu		City	•
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1.	2.				3.			anders and a second		*		
Equip Name'	Outside Air		1	Sup	ply Fan		Return Fan					
	4 1	CFM	HP	8119	TSP (inch WC)	Control	CFM	HIP	BHP	TSP (inch WC)	Control	
AC-1	71	2000	0.750	NA ·	1.43	VariableSpeedDrive	NA	NA	NA	NA	NA	

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

AMS Modular Classroom 120x40 CZ 14 China Lake - 90 deg CZ 14 NRCC-PRF-01-E Page 8 of 20 Calculation Date/Time: 17:14, Thu, May 21, 2015 nput File Name: EP6 AMS 120'x40' for DSA - C214.cibd NewComplete FENESTRATION ASSEMBLY SUMMARY § 110.6 Confirmed 
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 Area ft<sup>2</sup>
 Overall
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 U-factor
 SHGC
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 3. 4. Fenestration Type Certification Method Assembly Method VerticalFenestration NFRCRated Manufactured 800 0.78 0.43 0.37 🔲 🔲

g compliance credit for fenestration sh	ading devices? (if "Yes", se	e NRCC-PRF-EN	IV-DETAILS I	tor more info	mation}	Sharayian ve te te division					No	
PAQUE SURFACE ASSEMBLY SUMM	ARY	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	gipicano (2014) and 1024 and 2014			le the construction of the spectrum of the spe			§ 120.	7/ § 140.3	Con	firm d
Ł	2.		3.	<b>4</b> .	5.	6.	7.		İ	8,		Т
Surface Name	Surface Type		Area (ft²)	Framing Type	Cavity R-Value	Continuous R-Veiue	U-Factor / F-I C-Facto		Condi	tion Status	1	
Roof: U 0.70 per E2Frame	Roof		4,740	Metal	19	2	U-Factor: C	071	1	New		Τ
R-13 in 4 wood frame	ExteriorWall	· 1	3,600	Wood	13	NA	U-Factor: C	.102	Γ	New		T
Floor: Concr. Slab	ExteriorFloor		4,740	NA	0	NA	U-Factor: C	.210	ľ	New		][
OOFING PRODUCT SUMMARY		<u>,</u>				50, and a the provident of the	******			§ 140.3	Con	firn d
<b>å.</b>	2.	3.		4,		5.	8.		7.			Г
Product Type	Product ≥25 lb ft <sup>2</sup>	Aged Solar Reflectance		ihermai mittance	. s	RI	Cool Roof Credit	CRRC P	roduct i	D Number	Pass	
Roof: U 0.70 per EZFrame	No	0.08	T	0.75		iA	No	İ.	NĂ			Ti

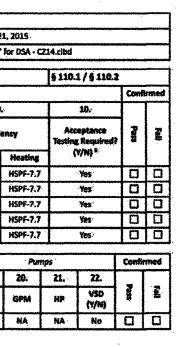
Report Version: NRCC-PRF-01-E-03232015-717

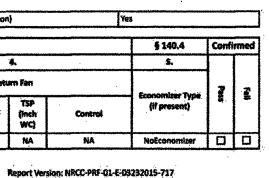
Report Version: NRCC-PRF-01-E-03232015-717

in geliefe steam (the first operation)	2	RCC-PRF-01-E	Page 3 of 20	******
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Iding comp	conents use the performance or press	riptive path for complia	nce: "NA"= not in project	****
t utilize the	e performance poth, indicate the shee	it number that includes (	mondatory notes on plans.	
e Path	Compliance Forms (required for su	ibmittal)		Location of Mandatory Notes on Plans
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riptive	NRCC-ENV-01/02/03/04/05/0			
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wmace.	52 (section of the NRCC-PRF-01-E)			
riptive	NRCC-PRC-01/03-E			1
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mance	53 (section of the NRCC-PRF-01-E)	********		<u> </u>
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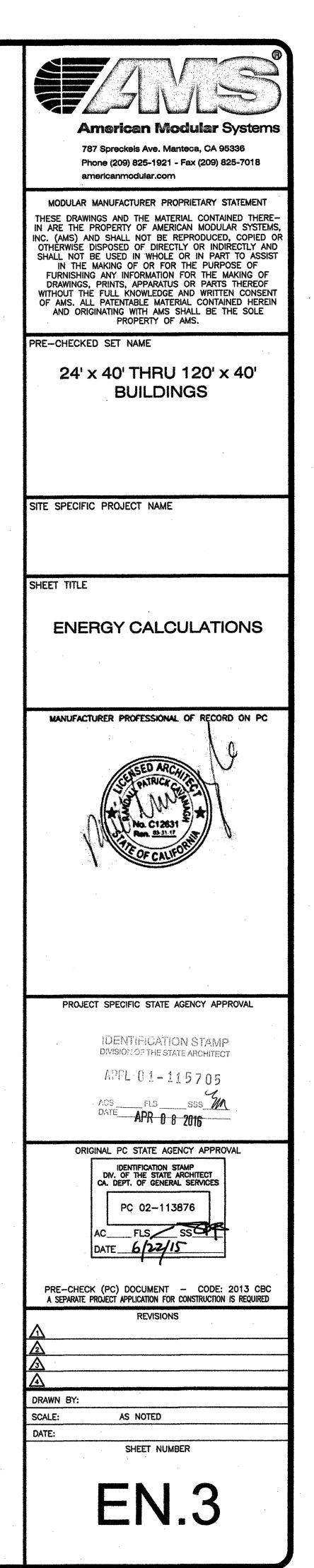
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APPROVED DIVISION OF STATE ARCHITECT HIGH PERFORMANCE SECTION APP.#02-113896 DATE: 6/2/15 Lyin Bann C.E.P.S.



AMS Modular Classroom 120x40 NRCC-PRF-01-E Page 10 of 20 lect Name: CZ 14 China Lake - 90 deg CZ 14 Calculation Date/Time: 17:14, Thu, May 21, 2015 Project Address: Input File Name: EP6 AMS 120'x40' for DSA - CZ14.cibd ompliance Scope: NewComplete N. ECONOMIZER & FAN SYSTEMS SUMMARY § 140.4 5. 1. 2. 1. **A**. Dutside Supply Fan Return Fan Air conomizer Ti (if present) CFM HP BHP (Inch WC) Equip Name CFM CFM HP BHP (Inch WC) Control Control AC-1.2 356 2000 0.750 NA 1.43 VariableSpeedDrive NA NA NA NA NoEconomizer NA 
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 ist fans are included in the NRCC-PRF-MCH-DETI O. EQUIPMENT CONTROLS § 120.2 Confirmed Equip Name Equip Type Controls No DCV Control SZVAVHP AC-1 No Econor No Supply Air Temp: Control **No DCV Controls** AC-1 2 SZVAVHP No Economizer No Supply Air Temp, Control **No DCV Controls** AC-131 SZVAVHP No Economizer No Supply Air Temp. Control

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

SZVAVHP

SZVAVHP

Service Hot Water, Primary Only

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No DCV Controls

No Economizer

No Supply Air Temp. Control **No DCV Controls** 

No Economizer

No Supply Air Temp. Control

Fixed Temperature Control, No DDC

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AMS Modular Classroom 120x40 NRCC-PRF-01-E Page 13 of 20 Project Name: CZ 14 China Lake - 90 deg CZ 14 Calculation Date/Time: 17:14, Thu, May 21, 2015 Project Address: Input File Name: EP6 AMS 120'x40' for DSA - CZ14.cibd ompliance Scope: NewComplete \$ 10-103 UMENTATION AUTHOR'S DECLARATION STATEME I certify that this Certificate of Compliance documentation is accurate and complete ocumentation Author Name: Hans Marsman, CEA, CEPE, LEED AP BO+C **Documentation Author Signature** Company: Brummitt Energy Associates; Inc inature Date: EA Identification (If applicable): Senior Energy Analyst Address: 777 South Highway 101, Suite 203 ny/State/Zip: Solana Beach / California / 92075 Phone: 619.531.1126 ando Unidani galita madre 2015.05.21 17:17:48-07:08 PONSIBLE PERSON'S DECLARATION STATEMENT certify the following under penalty of perjury, under the laws of the State of California Professional Stamp Inotional I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this documen as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer, mechanical engineer, electrical engineer, or I am a licensed architect; affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by section 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work. I affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Business and Professions Code Sections 5537, 5538 and 6737.1. Building Owner's Name: - specify -**Building Owner's Signature:** Date Signed: ddress: - specify ity/State/Zip: - specify - / - specify - / - specify thone: - specify Responsible Architectural Designer Signature: Saull Humy tesponsible Architectural Designer Name: Bandall P Cavannagh Company: American Modular Systems ( Gen7 Schools . Date Signed: 05/21/15 License: C12631 Address: 787 Spreckels Avenue City/State/Zip: Manteca / CA / 95336 Phone: 209.825.1921 Responsible Lighting Designer Signature: sponsible Lighting Designer Name: Randall P Cavannagh Company: American Modular Systems | Gen7 Schools Date Signed: 05/23/35 Address: 787 Spreckels Avenue License: C12631 Phone: 209.825.1921 State/Zip: Manteca / CA / 95336 Responsible Mechanical Designer Signature: ponsible Mechanical Designer Name: Randall P Cavannag Date Signed: 05/21/15 Company: American Modular Systems | Gen7 Schools License: C12631 Address: 787 Spreckels Avenue City/State/Zip: Manteca / CA / 95336 Phone: 209.825,1921

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

AC-13

AC-14

DHW1 - SHW

oject Name; AMS Modular Classroom 120x40 NRCC-PRF-01-E Page 16 of 20 Project Address: CZ 14 China Lake - 90 deg CZ 14 alculation Date/Time: 17:14, Thu, May 21, 2015 nput File Name: EP6 AMS 120'x40' for DSA - C214.cibd Compliance Scope: NewComplete . EXHAUST FAN SUMMARY his Section Does Not Apply Confirmed D. DHW EQUIPMENT SUMMARY - (Adopted from NRCC-PLB-01) \$ 110.3 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. Standby Loss Vol. of Suppl. Storage Tank Distribution Type Rated Input kBtuh Pilot Energy (Btu/h) External Tank Insulation Vol DHW Name Fuel Type Qty Efficiency WH-1 Rheem Electricity Instantaneou 15 EF: 0.930 NA Ó .1 0 E. MULTI-FAMILY CENTRAL DHW SYSTEM DETAILS This Section Does Not Apply . SOLAR HOT WATER HEATING SUMMARY (Adapted from NRCC-STH-01) This Section Does Not Apply § RA4 S. MECHANICAL HVAC ACCEPTANCE TESTS & FORMS (Adapted from 2013-NRCC-MCH-01-I o post in field for Field ector to verify) lest Descriptic Condenser Water Reset Cuntrols pply Air Temp, Re Equipment Requiring Texting or Verification 

CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

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Report Version: NRCC-PRF-01-E-03232015-717

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R-13 ( Floor 8. OVERH Fen 10) 10x 10) 10x 10x

## Øcc -Classroom Training, V <sup>1</sup> See Table 14 <sup>2</sup> See NRCC-LT R. INDOC Luminaire conditione affices} Name

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THE REAL PROPERTY OF THE PARTY	AMS Modular Classroom 120x40			CC-PRF-01-E	Page 11 of 20			In General Contraction
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R SYSTEM DISTRIBUTIO	IN SUMMARY					§ 120.4/ § 140.4(i)	******	*******
This Section Does Not App	ły	507.5.5.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.					9	
Does the Project Include i	Ional Systems? (if "Yes", see NRCC	-PRF-MCH-DETAILS for system	n information}			***	1 1	No
Does the Project Include a	solar Hot Water System? (if "Yes"	, see NRCC-PRF-MCH-DETAIL	5 for system infor	mation)				No
Multifernily or Hotel/ Mo	tel Occupancy? (If "Yes", see NRCC	-PRF-MCH-DETAILS for DHW	system informatio	n)				No
O. INDOOR CONDITION	IED LIGHTING GENERAL INFO (	HE NRCC-PRF-LTI-DETAILS	for more linfo)		97	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1 8 1	40.6
	•						Conf	
1.	2.	3.	<b>4</b> .,	Т	5	•		Γ
Occupanicy Type <sup>1</sup>	Conditioned Floor Area <sup>2</sup> . (ft <sup>2</sup> )	Installed Lighting Power (Watts)	Lighting Contro (Watts		Additional (Cur	tom) Allowance	Ĩ	
			Stant in the standard strand strands of the standard strands	A	rea Category Footnotes (Watts)	'Tallored Method (Watts)	p	
Classrooms, Lecture, Training, Vocational Areas	4,740	2,400	Đ.		· 0	Ò		ſc
Building Tota	Hs: 4,740	2,400			G		T	Γ
See Table 140.8-C See MICC-LT-01-E for unconditio R. INDOOR CONDITION	ed Lighting Schedule (Adap	ted from NRCC-LTI-01-E) <sup>1</sup>	an da a se da da da da da da da da da da da da da				§ 1)	10.0
	des all permanent installed lighting wtable lighting over 0.3 w/ft <sup>2</sup> in	in .	1	installed Watts (	Conditioned)		Confi	strie
	Complete Luminaire Description (		How Wattage	e is Determined	Total Number			Γ
Name or item Tag	3-lemp fluorescent troffer, F327 one dimmable electronic ballas		CEC Default from NAB	According to \$130.0(c)		Installed Watts	Pass	Pi Pi
ÝRED	A - 60w LED	60	Yes	No	40	2,400	۵	1
f lighting power densities were w	sed in the compliance model Building Deports	neets will need to check prescriptive fo	units for Community Schu	chule details.				
1. COVERED PROCESS	SUMMARY - ENCLOSED PARKI	NG GARAGES		skyndiaetyk-pytykenentyk-tentustent		§ 140.9	(1)-0-12 **********************	jantikan ta
This Section Does Not App								<b>Managara</b> ta

Project Name:     AMS Modular Classroom 120x40     NRCC-PRF-01-E     Page 12 of 20       Project Address:     C 21 4 China Lake - 50 deg C2 14     Calculation Date/Time:     17:16, The, Ma       Compliance Scope:     NewComplete     Input File Name:     EP6 AMS 120'x       S2. COVERED PROCESS SUMMARY - COMMERCIAL KITCHENS     This Section Does Not Apply     51.44       S3. COVERED PROCESS SUMMARY - COMPUTER ROOMS     § 144       This Section Does Not Apply     54.40	7 21, 2015 10' for DSA - CZ14.cibd 15 140.9
S2. COVERED PROCESS SUMMARY - COMMERCIAL RITCHENS This Section Does Not Apply S3. COVERED PROCESS SUMMARY - COMPUTER ROOMS  \$1.40 This Section Does Not Apply S4. COVERED PROCESS SUMMARY - LABORATORY EXHAUSTS	
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Report Version: NRCC-PRF-01-E-03232015-717 CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Project Name:	AM5 Modular Classroom 120x40	NRCC-PRF-01-E	Page 14 of 20
Project Address:	CZ 14 China Lake - 50 deg CZ 14	Calculation Date/Time:	17:14, Thu, May 21, 2015
Compliance Scope:	NewComplete	input File Name:	EP6 AM5 120'x40' for DSA - CZ14.cibd
NRCC-PRF-ENV-DET	TAILS -SECTION START-	2	

. OPAQUE SURFACE ASSE	MBLY DETAILS						Confirm	eđ
1.:	2.			3.	T	4.	8	
Surface Name	Surface Type		Description of	Assembly Layers	T	Notes		Ĩ
Roof: U 0.70 per EZFrame	Root		Metal framed roof, Expanded Polystyre	s Seam - 1/16 in. 24in, OC, 5.5in, R-19 ne - EPS - 1/2 in. R2.1 Në - 3/8 in.			ū	
R-13 in 4 wood frame	ExteriorWali		Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Wood framed wall, 16in. OC, 3.5in., R-13 Gypsum Board - 1/2 in.					Ö
Floor: Concr. Slab	ExteriorFloor		Air - Floo Concrete - 14 Carpet		D	Ö		
B. OVERHANG DETAILS (Ad	lapted from NRCC-ENV-(	12-E)	######################################				Confi	med
2.	2.			3.		.4.	- P2	ringsfillingeri
Fenestration Tag/ID	Fenestration Orien	ation	Overhang Dimensions			Side fin		Z
Lation arous suffice		an Faraita	Horizontal Projection	Distance Above Window	Ve	rtical Projection		
10x8 window OH13	South		3.0 h.	2.0ft.	Laf	t: O ft., Right: O ft.		۵
10x8 window OH15	North		4.0 R.	2.0 ft.	Lef	L: O ft., Right: O ft.		0
10x8 window OH26	South		-3:0 ħ.	2.0ft.	Let	t: O.ft., Right: O.ft.		۵
10x8 window OH28	North		4.0 ft.	2.0 ft.	Lef	t: Oft., Right: Oft.		۵
******			· 3.0 ft.	2.0 <i>A</i> .	Lef	t: Oft., Right: Dft.		D
10x8 window OH36	South				Contraction of the local division of the loc		The second second	and the second lines
10x8 window OH36 10x8 window OH38	South	an an an an an an an an an an an an an a	4.0 ft.	2.0 ft.	Lef	t: 0 ft., Right: 0 ft.		
Nillen den mit einen von sin mit gesticht die State in der State in der State in der State in der State in der			4.0 h. . 3.0 h.	2.0 ft. 2.0 ft.		t: 0 ft., Right: 0 ft. t: 0 ft., Right: 0 ft.		
10x8 window OH38	North			Lange and the second second second second second second second second second second second second second second	Lef	territoria de la constante de la constante de la constante de la constante de la constante de la constante de l	Lauren and a second	
10x8 window OH38 10x8 window OH46	North South		. 3.0 <b>h</b> .	2.0 ft.	Lef Lef	t: 0 ft., Right: 0 ft.		D

Project Name:	AMS Modular Classroom 120x40	NRCC-PRF-01-E	Page
Project Address:	CZ 14 China Lake - 90 deg CZ 14	Calculation Date/Time:	17:14
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NRCC-PRF-MCH-DETAILS -SECTION START-

A. MECHANICAL VENTILATION AND REHEAT (Adapted from 2013-NRCC-MCH-03-E)

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CONDITIONED ZONE NAME	HEATING / COOLING SYSTEM	DESIGN PRIMARY AIR FLOW (CFM)	AIR FLOW (CFM)	FLOW FRACTION	MANIMUM PRIMARY AIR	MAXIMUM HEATING AIR FLOW (CFM)	MAXIMUM HÉATING AIR FLOW FRACTION	DOC CONTROL (Y/N)	vent system id	COMDITIONED AREA (hz)	NHH, VENT PER AREA (CFM//h2)		DESIGN NUM. OF PEOPLE	
1-Classroom	AC-1	2,000	50	0 0	.25	NA	NA	N	AC-1	948	0.38	1	47	ľ
2-Classroom	AC-1.2	2,000	50	0 0	.25	NA	NA	N	AC-1 2	948	0.38	T	47	ĺ
3-Classroom	AC-131	2,000	50	0 0	25	NA	NA	N	AC-131	948	°0.38	T	47	
4-Classroom	AC-13	2,000	50	0 0	.25	NA	NA	N	AC-13	948	0.38	T	47	
S-Classroom	AC-1 4	2,000	50	0 0	.25	NA	NA	N	AC-14	948	0.38	T	47	ĺ
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				Heatin	<b>,</b>   4	poling					04	sign	Mi	
Classroom5-TRM	VAVNoRe	heatBox	5	NA		NA	NA		1-Cia	ssroam	2	000	50	0
Classroom22-TRN	VAVNoRe	heatBox	1	NA	Ι	NĄ	NA		2-Cla	ssroom	2	000	50	Ć
Classroom32-TRN	I VAVNoRe	heat8ox	1	NA-	Γ	NA	· NA		3-Cla	isroom	2	:000	50	Ő
Classroom42-TRN	I VAVNoRe	heatBox	1	NA	Т	NA .	NA.		4-Cla	ssreem	2	200	50	Ç

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CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

Classroom52-TRM VAVNoRehearBox 1 NA NA NA 5-Classroom 2000 500 0.25 NA NA D

Project Name	<b>t</b> .	AMS N	Modular C	lassroom	120x40					N	RCC-PRF-0	1-E	Page	a 17 of 20						
Project Addre	45T	12 14	China Lak	e - 90 dej	CZ 14		es van de besten		a Malakan da Kalendar da Kalendar da Kalendar da Kalendar da Kalendar da Kalendar da Kalendar da Kalendar da Ka	c	aiculation	Date/Time	: 17:1	4, Thu, M	ay 21, 20	15			****	*****
Compliance S	çope:	NewC	omplete	****		******	nin kolmanisti kirjupaten Manistri Afrikanson en s		nie anderstephone (supervision) Nie anderstephone (supervision)	11	nput File Ni	1/176:	EPS	AMS 120	x40' for D	SA - CZ14	cibd			
G. MECHAN	ICAL HVA	C ACCE	PTANCE	TESTS &	FORMS	Adapted	from 2	013-NRC	C-MCH-0	1-E)	1,42,112,112,114,114,114,114,114,114,114							**********	5 RA	<b>.</b>
Declaration o nspector to v		d Accepti	ance Cert	ificates (A	IRCA) - A	cceptance	Certifica	tës that n	n <b>ay be</b> sut	mitted.	(Retain co	pies and v	erity form	ns are con	npleted a	nd signed	to post in	field for	Field	
Test Deşçri	iption	MCH-02A	MCH-03A	MCH-MA	MCHOSA	MCH-86A	MCHOTA	MCHasA	MCH-09A	MCH-104	MOHALA	MCH-12A	MCHIBA	MCH34A	MCH15A	MCH-16A	MC+17A	MCH-18A	Confi	rmei
Equipment Requiring Testing or Verification	it of units	Oundoer Air	Single Zone Unitary	- Air Dist. Ducts:	Economizer Controls	·OCV	Supply Fan VAV	Valve lestage	Supply Water Temp: Reset	Hyd. Variable Flow Control	Auto Deimand Shed Control	FDD for DX Units	Auto FOD for Air & Zone	Dist. Energy Storage DX AC	TES Systems	Supply Air Temp. Reset	Condenser Water Reset Controls	ECIMS	245	je j
AC-1 2	1	'Χ			· · · · ·		X		**		×			-	-	×				
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NRCC-PRF-LTI-DETAILS -SECTION START-

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INDOOR CO	NDITIONED LIGHTING CONTROL	<b>CREDITS (Adapted from NRCC-L</b>	TI-02-E}				§ 140.6			
Lighting Con		ghting controls installed in condition 0.5(a)2 and Table 140.5-A)	ed space for	Çon	troi Credit Calcula	tion	at të kasa shemer	Confi	med	
Location in Building	Occupancy Type (must meet requirements of Table 140.6-A)	Type/Description of Lighting Control (i.e., partial on occupancy sensos, manual dimming, etc.)	# of Units	Watts of Controlled Lighting	Power Adjustment Factor	Control Credit Watts	V If Acceptance Test Required	Pass	Fall	
-1-Classroom	Classrooms, Lecture, Training, Vocational Areas	• none specified •	. 1	480	0.00	0			۵	
-2-Classroom	Classrooms, Lecture, Training, Vocational Areas	- none specified -	. <b>1</b> .	480	0.00	0		۵		
-3-Classroom	Classrooms, Lecture, Training, Vocational Areas	· ~ none specified -	1	<b>:480</b> .	0.00	0		D	Π.	

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AM5 Modular Classroom 120x40 NRCC-PRF-01-E Page 18 of 20 Project Name: Project Address: CZ 14 China Lake - 90 deg CZ 14 Calculation Date/Time: 17:14, Thu, May 21, 2015 Compliance Scope: NewComplete A. INDOOR CONDITIONED LIGHTING CONTROL CREDITS (Adapted from NRCC-LTI-02chedule (includes all lighting controls installed in co Control Credit Calculation compliance credit per §140.6(a)2 and Table 140.6-A) Type/Description of Lighting Control (i.e., partial on occupancy Watts of Power Location in Building Occupancy Type (must meet Controlled Lighting Adjustment Factor # of Units requirements of Table 140.6-A) sensor, manual dimming, etc.) Classrooms, Lecture, Training, Vocational Areas S-4-Classroom - none specified -480 0.00 1 Classrooms, Lecture, Training, - none specified -480 0.00 1. S-S-Classroo **Vocational Areas** B. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROLS (Adapted from NRCC-LTI-02-E) This Section Does Not Apply 130 1(0) - Manual area contrais; \$130 0(b) - Mutt Level; \$130 1(c) - Auto Skut-Off; \$130 1(d) - Mandatury Daylight; \$130 1(e) - Demond Responsive C. TAILORED METHOD LIGHTING POWER ALLOWANCE SUMMARY AND CHECKUST (Adapted from NRCC-LTI-04-E) eneral lighting power (see Table D) neral lighting power from special function areas (see Table E) Itional "use it or lose it" (See Table G)

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TRA DELLIGH GARS FEET A	с. Страдите и страдите и с Страдите и страдите и с				
E. GENERAL LIGHTIN	G FROM SPECIAL FUNCTION AREAS (A	dapted from NRCC-LTI-	M-E)		
Room Number	Primery Function Area	Illuminance Value (LUX)	Room Cavity Ratio (Table G)	Allowed LPD	1
NA	NA	NA	NA:	NA	Т
xe: Takared Method for Speci	al Function Areas is not currently implemented	personal and a second process process of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the second person of the s	9.1		
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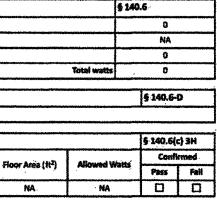
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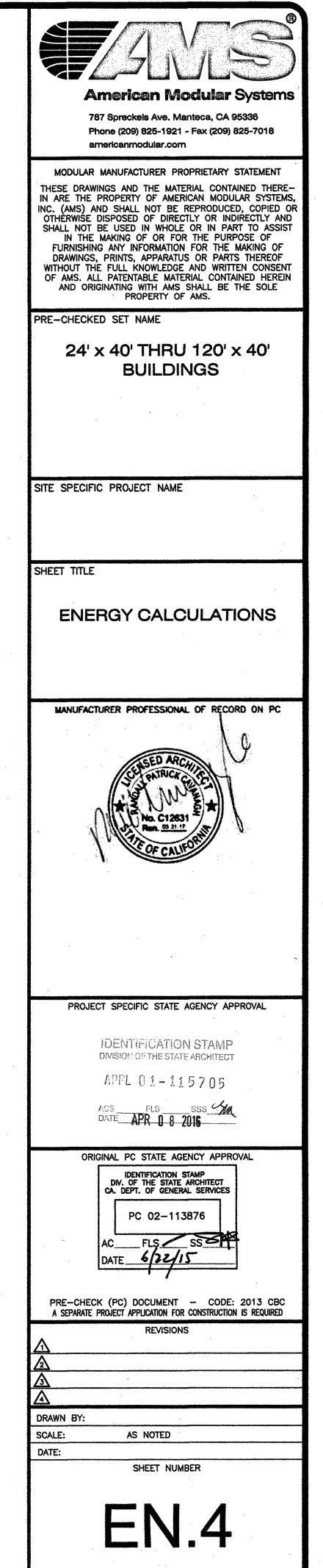
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A STATE OF STATE APPROVED DIVISION OF STATE ARCHITECT HIGH PERFORMANCE SECTION APP. # 02-113876DATE: 6/2/15 Equi Bani C.E. P.E.



Project Name:	AM5 Modul	ar Classroom 120x40			NRCC-PRF-01	I-E	Page 19 of 20		
Project Address:	CZ 14 China	Lake - 90 deg CZ 14	a na mangana na mangana na mangana na mangana na mangana na mangana na mangana na mangana na mangana na mangan Na mangana na		Calculation D	late/Time:	17:14, Thu, May 21, 201	5	dalar manana manana manana manana manana manana manana manana manana manana manana manana manana manana manana Manana manana m
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Project Name:	AMS Modular Classroom 120	x40	NRCC-PRF-0	1-6	Page 20 of 20				
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Compliance Scope:	NewComplete Input File Name: EP6 AMS 120'x40' for USA - C214.cibd								
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CA Building Energy Efficiency Standards- 2013 Nonresidential Compliance

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CA Building Energy Efficiency Standards- 2013 Nonresidential

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STATE OF CALIFORNIA OUTDOOR LIGHTING CEC-NRCC-LTO-01-E (Revised 08/14)			CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE	***************************************		NRCC-LTO
Outdoor Lighting	a yana kana ana dan dalam kala kala kala kala kala kala kala		(Page 4
Ministrume AMS Modular Classr	oom 24°x40' (for DSA)	Dists Prepared	12/12/2014
DOCUMENTATION AUTHOR'S DECLA	ARATION STATEMENT		
	of Compliance documentation is accurate and complete.		H Marsin
Documentation Author Name:	Hans Marsman	Documentation Author Signature:	
Computy	Brummitt Energy Associates, Inc	Senature Date: 12/12/2014	
Addresa:	2171 India Street, Suite B	CEA/ HERS Contification Identification (If applicable);	CABEC
City/State/Zp;	San Diego, California 92101	Phone: 619.531.1126	
RESPONSIBLE PERSON'S DECLARATI	ION STATEMENT	Anny 2014 Anny ang ang ang ang ang ang ang ang ang ang	**************************************
<ol> <li>The information provided on th</li> <li>I am eligible under Division 3 of designer).</li> <li>The energy features and perfor conform to the requirements of</li> <li>The building design features or worksheets, calculations, plans</li> <li>I will ensure that a completed s</li> </ol>	nalty of perjury, under the laws of the State of California: IS Certificate of Compliance is true and correct. The Business and Professions Code to accept responsibility mance specifications, materials, components, and manufac f Title 24, Part 1 and Part 6 of the California Code of Regular system design features identified on this Certificate of Com and specifications submitted to the enforcement agency for igned copy of this Certificate of Compliance shall be made a bions. I understand that a completed signed copy of this Certi- Randall P Cavannach	tured devices for the building design or system desi tions. spliance are consistent with the information provide or approval with this building permit application: available with the building permit(s) issued for the b trifficate of Compliance is required to be included wi	ign identified on this Certificate of Compliance of on other applicable compliance documents, wilding, and made available to the enforcement th the documentation the builder provides to t
Company :		00 Date Signed: 05/21/15	well lluces
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CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

787 Spreckels Avenue

Manteca, CA 95336

American Modular Systems | Gen7 School

Date Signed 05/21/15

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	<b>LIGHTING CONTROL</b>
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<b>Outdoor Lightin</b>	•
Project Name: AMS	Modular Classroom 24'x4
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Documentation Autho	Hans Marsman
Companyi	Brummitt Energy As
Address	2171 India Street, S
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RESPONSIBLE PE	RSON'S DECLARATION STATEM
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Responsible Designer	Name: Randall P Cavannagi
	Randall M Gavannagi
Company :	American Modular Sy
Address:	787 Spreckels Avenu
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Uty/State/Dp:	Manteca, CA 95336

CA Building Energy Efficiency Standards - 2013 Nonresidentia

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ATE OF CALIFORNIA UTDOOR LIGHTING COI C-NRCC-LTC-02-E (Revised 06/14)	ITROLS						P.41 (27	ARMA ENER	av country		
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AANDATORY OUTDOOR LIG	TTING CONTROL SCHEDULE and FIELD	INSPECTI	ON CHE	CKLIST							
Outdo					omplying ' r enter 'E'		ted)	✓ if Acceptance Test Required		Field Inspector	
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Location and Application of Luminaires being controlled	Type/ Description of Lighting Control (i.e. motion sensor, photocontrol, outdoor astronomical time-switch control, centralized time-based zone lighting control)	# of Units	\$130.2(a)	\$130.2(c)1	\$130.2(c)2	\$130.2(c)3	\$130.2(c)4	\$130.2(c)5	oditele uteración de la contractiva de la contractiva de la contractiva de la contractiva de la contractiva de	Pass	Fali
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CA Building Energy Efficiency Standards - 2013 Nonresidential Complianc

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

OUTDOOR LIGHTING	T <b>A</b> T
CEC-NRCC-LTO-01-E (Revised 06/14)	CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE	NRCC-LTO-01-E
Outdoor Lighting	(Page 1 of 4)
moject manuse: AMS Modular Classroom 24'x40' (for DSA)	unnium 12/12/2014
Project Address: CZ 15 El Centro - 90 deg CZ 15 El Centro, CA	Total illuminated Hardscape Area 0
General Information	:
Phase of Construction: 2 New Construction D Addition	Alteration
Outdoor Lighting Zone (OLZ) OLZ-1 OLZ-2	12 OLZ-3 CI OLZ-4
I have confirmed with the AHJ which OLZ applies to this site. For default lighting zone desig	nations, see Title 24 Part 6, §10-114
LIGHTING COMPLIANCE DOCUMENTS (check box for each document included)	
For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents,	refer to the Nonresidential Manual
published by the California Energy Commission.	
NRCC-LTO-01-E Certificate of Compliance	
NRCC-LTO-02-E     Outdoor Lighting Controls Certificate of Compliance	
NRCC-LTO-03-E     Outdoor Lighting Power Allowance Certificate of Compliance	
	Books a subserve and a subserve and a subserve and a subserve and a subserve and a subserve and a subserve and
Summary of Allowed Outdoor Lighting Power	Watts
1. Sum Total ALLOWED Outdoor Lighting Wattage from NRCC-LTO-03-E, page 1	<b>=</b> 14
Complies ONLY if installed & Allowed	1
2. Sum Total INSTALLED Outdoor lighting Wattage from NRCC-LTO-01-E, page 3	14
Declaration of Required Installation Certificates - Declare by checking all ir	stallation Certificates that will
be submitted. (Retain copies and verify forms are completed and signed.)	
NRCI-LTO-01-E - Must be submitted for all buildings	D Field Inspector
NRCI-LTO-02-E - Must be submitted for a lighting control system, or for a	
Energy Management Control System (EMCS), to be recognized for complian	
Declaration of Required Certificates of Acceptance - Declare by checking a	and the second second second second second second second second second second second second second second second
Acceptance that will be submitted. (Retain copies and verify forms are comp	pleted and signed.)

STATE OF CALIFORNIA OUTDOOR LIGHTIN( CEC-NRCC-LTO-01-E (Revised 08/1		
CERTIFICATE OF COMPLIAN		NRCC-LTO-01-E
Outdoor Lighting		(Page 2 of 4)
Project Name: AMS Modular C	lassroom 24'x40' (for DSA)	Dolar Prisoned 12/12/2014
Schedule of luminaire	exempt from the outdoor lighting p	ower requirements in §140.7
Name or Symbol	Description of exempt luminaire in a	ccordance with the exemptions
* ************************************		
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		CA	Building Energy Efficiency Standards - 2013 Non	residential Compli	ance June 2014
					STATE OF CALIFORNIA OUTDOOR LIGHTING CONTROLS CEC-NRCG-LTO-02-E (Review 08/14)
01-E (Revised 06/14)			CALIFORNIA ENERGY COMMISSION		CERTIFICATE OF COMPLIANCE
OF COMPLIANCE			NRCC-LTC	3-10-0	Outdoor Lighting Controls
ting			(Page 4	t of 4)	Melet Name AMS Modular Classroom 24'x40' (for DSA)
MS Modular Classroom 24*x40	)' (for DSA)	Date Freperes	* 12/12/2014	·····	มของและหลายของของนี้แม่เข้าของแองและและและสาวและสาวที่สาวและของเรื่องและของนี้และเหม่างรับเนื้องและสาวทางสาวทาง 
					The NRCC-LTO-02-E shall be used to document all mandator
tion author's declaration stat	TEMENT				Mandatory Outdoor Lighting Control Declaration Statements
	ce documentation is accurate and complete.		H Marsin		
ation Name:	Hans Marsman	Documentation Author Signature:	111/1000	1 1	Check all that apply:
	Brummitt Energy Associates, Inc	Separature Date: 12/12/2014			Use Lighting shall be controlled by self-contained lighting control of Efficiency Regulations in accordance with §110.9.
	2171 India Street, Suite B	CEA/ HERS Certification Identification (If applicable);	CABEC		I lighting shall be controlled by a lighting control system or and

I devices which are certified to the Energy Commission according to the Title 20 Appliance

- Lighting shall be controlled by a lighting control system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with §130.4(b). 🐼 All lighting controls and equipment shall comply with the applicable requirements in \$110.9 and shall be installed in accordance with the manufacturer
- Instructions in accordance with §130.1 D Part-Night Outdoor Lighting Controls, as defined in Section 100.1, shall meet the requirements in Section 110.9(b)5
- All outdoor incandescent luminaires rated over 100 watts, determined in accordance with Section 130.0(c), shall be controlled by a motion sensor. All outdoor luminaires rated for use with lamps greater than 150 lamp watts, determined in accordance with Section 130.0(c), shall comply with Backlight, Uplight, and Glare (collectively referred to as "BUG") in accordance with Section 130.2(b)
- All installed outdoor lighting shall be controlled by a photocontrol or outdoor astronomical time-switch control in accordance with Section 130.2(c)1 All installed outdoor lighting shall be circuited and independently controlled from other electrical loads by an automatic scheduling control in accordance with Section 130.2(c)2
- All installed outdoor lighting, where the bottom of the luminaire is mounted 24 feet or less above the ground, shall be controlled with automatic. lighting controls in accordance with Section 130.2(c)3
- For Outdoor Sales Frontage, Outdoor Sales Lots, and Outdoor Sales Canopies lighting, an automatic lighting control in accordance with Section 130.2(c)4
- D For Building Facade, Ornamental Hardscape and Outdoor Dining lighting, an automatic lighting control in accordance with Section 130.2(c)S 2 Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use; indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance In accordance with \$130.4.(a). Outdoor lighting controls shall comply with the applicable requirements of Section 130.2(c) and Reference Nonresidential Appendix NA7.8

NRCC-LTO-02-(Page 3 of 3 x40' (for DSA) Date Property 12/12/2014 41 Marsin documentation is accurate and complete. I boomentation Author Superture: grature Date: 12/12/2014 ssociates, Inc -CABEC-CEA/ HERS Certification Identification (if applicable): mia 92101 \*\*\*\*\* 619.531.1126 rjury, under the laws of the State of Californi cate of Compliance is true and correct. iness and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Complianc pecifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of ts of Title 24, Part 1 and Part 6 of the California Code of Regulations. sign features identified on this Certificate of Compliance are con s and specifications submitted to the enforcement agency for approval with this building permit application. py of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the spections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation ecupancy. Responsible Designer Signature: Juail Many Systems | Gen7 Schc Data Signed: 05/21/35 C12631 209.825.1921

Report Version: NRCC-PRF-01-E-03232015-717

CERTIFICATE	1-E (Revised 06/14 OF COMPLIAN	ICE - USER INSTRUC	TIONS		*****	the advertation of the second second second second second second second second second second second second seco	CALIFORNIA ENE		NRCC-LTI-01-
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hase of Con	struction:	123 Ne	w Construction	۵	Addition	٥	Alteration		
Viethod of C	ompliance:	Co	mplete Building	2	Area Category	۵	Tailored		
YES	NO	FORM	TITLE						
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#### CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

June 2014

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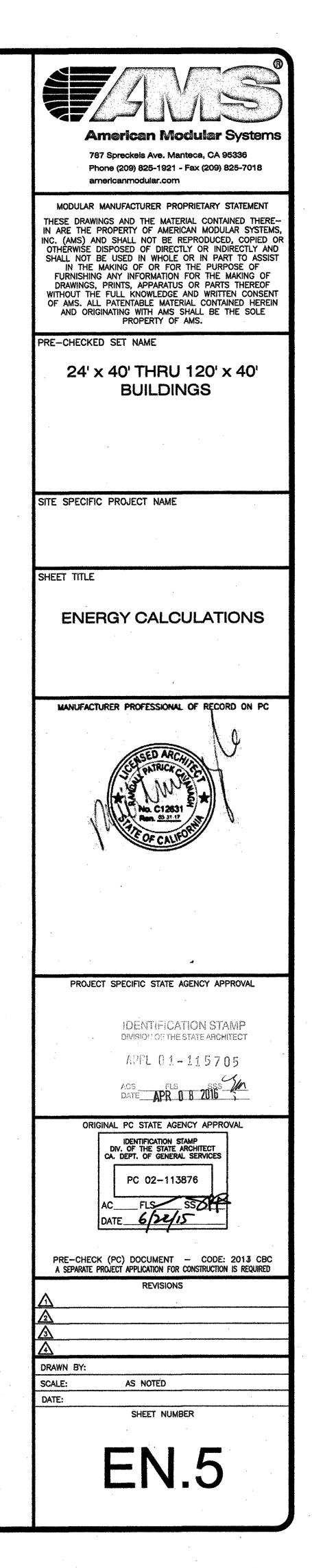
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.kune 2014 CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

ALIFORNIA ENERGY COMMISSION NRCC-LTO-02-I Page 1 of 3 Date Propage 12/12/2014 ry outdoor lighting controls that are applicable to the project.

June 2014

APPROVED DIVISION OF STATE ARCHITECT HIGH PERFORMANCE SECTION APP.#02-113876 DATE: 6/2/15 Kyin Bam, C.E.P.E.



CERTIFIC	****	Insel (6/14) MPLIANCE – USER INSTRUCTIONS	41	NIA ENERGY COMMISSION	-E CEC-NRCC-LTI-01-E	
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<b>6</b> , .		Allowed Lighting Power Conditioned NRCC-LTI-03-E, page 1 0	Allowed Lighting Power Unconditioned NRCC-LTI-03-E, page 1	296	A. INDOOR	
-	ion of Req ed and sign NO	ulred Installation Certificates - Declare by selecting yes for all installation red.} Form/Title	Certificates that will be submitted. (Retain copie:	s and verify forms are	The actual When Com When Are Also Includ	
$\checkmark$	T	NRCI-LTI-01-E - Must be submitted for all buildings	ien werden en de en de en de gewennen en de gewennen de gewennen werden en en werden en de gewennen. De gewennen de gewennen de gewennen de gewennen de gewennen werden de gewennen werden de gewennen de gewennen d	G Field Inspector	B. Installed	
		NRCI-LTI-02-E - Must be submitted for a lighting control system, or for a to be recognized for compliance.	in Energy Management Control System (EMCS);	Control System (EMCS),  Gried Inspector		
	T	NRCI-LTI-03-E - Must be submitted for a line-voltage track lighting integ overcurrent protection panel used to energize only line-voltage track lig		C Field Inspector	this compl This section Fill out a se	
	Τ	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving conference room, a multipurpose room, or a theater to be recognized fi	· · · · · · · · · · · · · · · · · · ·	Field Inspector	shall not b	
		NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF	) to be recognized for compliance.	C Field Inspector		
		NRCI-LTI-06-E - Must be submitted for additional wattage installed in a compliance.	video conferencing studio to be recognized for	Field Inspector	]	
	tion of Req	uired Certificates of Acceptance – Declare by checking all of the Certificate red.)	es of Acceptance that will be submitted. (Retain c	opies and verify forms are	Complete (i.e., LED, under	
YES	NO	Form/Title			d	
J	1	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automat	tic time switch controls.	CI Field Inspector		
J	1	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.		Field Inspector		
		NRCA-LTI-04-A - Must be submitted for demand responsive lighting con	n an an an an an an an an an an an an an	CI Field Inspector		

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

TATE OF CALIFOR NDOOR LIC EC-NRCC-LTI-01-E	SHTING	
*****	F COMPLIANCE - USER INSTRUCTIONS	NRCC-LTI-01-
indoor Lighting		(Page 5 of 5
Project Name: AN	AS Modular Classroom 24'x40' (for DSA)	Date Prepared: 5/21/2015
DOCUMENTATIC	N AUTHOR'S DECLARATION STATEMENT	
	t this Certificate of Compliance documentation is accurate and complete.	
Documentation Author	WARME Hans Marsman, CEA, CEPE, LEED AP 8D+C	Cocumentation Author Signature:
Company:	Brummitt Energy Associates, Inc	Signature Outo: 5/21/2015
Address:	777 South Highway 101, Suite 203	CEA/ HERS Controlication identification (if applicative):
City/State/Zipi	Solana Beach, California 92075	Phone: 619.531.1126
RESPONSIBLE PE	ERSON'S DECLARATION STATEMENT	
<ol> <li>The information of the information of the energy compliance</li> <li>The energy compliance</li> <li>The building documents,</li> <li>I will ensure enforcement builder provider /li></ol>	e designer). features and performance specifications, materials, components, and m conform to the requisements of Title 24, Part 1 and Part 6 of the Califon g design features or system design features identified on this Certificate worksheets, calculations, plans and specifications submitted to the enfe a that a completed signed copy of this Certificate of Compliance shall be	nsibility for the building design or system design identified on this Certificate of Compliance nanufactured devices for the building design or system design identified on this Certificate of mia Code of Regulations. of Compliance are consistent with the information provided on other applicable compliance
Company :	American Modular Systems   Gen7 Schools	Daste Signed:
A.S		G12631
Address: City/State/Zip:	787 Spreckels Avenue	

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June 2014

June 2014

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

CEC-NRCC-LT-42-E		*****		STATE OF CALIFORMA INDOOR LIGHTING POWER ALLOWANCE CEC-NRCC-17-03 E (Revised 00/14)		CALIFORNIA ENERGY		STATE OF CALIFORNIA INDOOR LIGHTING POWER ALL CEC-NRCC-17403-E (Revised 08/14)	OWANCE	1	CALIFORNIA EN		STATE OF CALIFORNIA INDOOR LIGHTING CEC-NRCC-LTLASE (Revised OF CERTIFICATE OF COMPLIA
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	odular Classroom 24'x40' (for DSA)		(Page 3 of 3)			-	(Page 1 of 4)	Certificate of Compliance - Indoor Lighting F	ower Allowance			(Page 2 of 4)	AMS Modular
MING	oduar Classicolin 24 X40 (IOF DOM)			Project Name: AMS Modular Classroom 24'x40' (for DSA)	Cate Prese	5/21/2015	un den van 1001, 1,000 gant i a Junior de Le Draft an June al de	Project Winter AMS Modular Classroom 24'x4	0' (for DSA)	Bair Pap	*** 5/21/2015		
the start of the second start where the start was a surrough	NUTHOR'S DECLARATION STATEMENT	***************************************	s.t.m.	ALLOWED LIGHTING POWER	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			A sensente page quet he tilled out for Coor	ditioned and Unconditioned Spaces. This page is only for	un an training and an an training the state of the state of the state of the state of the state of the state of			DOCUMENTATION AUTHOR
	s Certificate of Compliance documentation is accurate and comple <sup>Meet</sup> Hans Marsman, CEA, CEPE, LEED AP BD+C	te. Documentation Author Syna	H Morsing	A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is	only for:				D UNCONDITIONED spaces	• · · · · · · · · · · · · · · · · · · ·			1. I certify that this Certifi Documentation Author Name: H
Company:	Brummitt Energy Associates, Inc Signature Date: 5/21/2015		CONDITIONED spaces: 2 UNCONDITIONED spaces						Collebana: B				
Address:	777 South Highway 101, Suite 203	CEA/ HERS Cartification Ident	ication (If spidicable): CABEC	A. SUMMARY TOTALS OF LIGHTING POWER ALLOWANCES					ERAL LIGHTING POWER ALLOWANCE ces. Portable lighting for offices shall be documented only	in continu B of MDCC I	N.M.S		Address: 7
City/State/Zip;	Solana Beach, California 92075	Phone: 619.531.1120	Carl Control C		If using Complete Building Method for compliance, use only the total in column (a) as total allowed building watts.				function area as defined in §100.1 of the Standards:	r at account of or mouse-	147 <b>0</b> #~5		City/State/Zip: S
	ON'S DECLARATION STATEMENT			If using Area Category Method, Tailored Method, or a combination of Area Category and allowed building watts	I Tallored Method for compliance	, use only the total in colum	n (b) as the totai		<b>A</b>	8	C	D	RESPONSIBLE PERSON'S DE
1. The informat	I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Compliance is true and correct.		. Silomaa aadaa gaadaa gaadaa aadaa aa		(a)	(b)	AREA CATEGORY	(From §140.6 Table 140.6-C)	WATTS		ALLOWED.	i certify the following u 1. The information provid	
	t am eligible under Division 3 of the Business and Professions. Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer). The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Thite 24, Part 1 and Part 6 of the California Code of Regulations. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance		1. Complete Building Method Allowed Watts. Documented in section B of NRCC-LTI-03-E (be	low on this page).	(47		Location in Building	Primary Function Area per Table 140.6-C	PER (ft <sup>2</sup> )	$X \qquad AREA (ft2)$	= WATTS	<ol> <li>I am eligible under Divi (responsible designer).</li> </ol>	
3. The energy fo			2. Area Category Method Allowed Watts. Documented in section C-1 of NRCC-LTI-03-E (belo	w on this page)		296	RR	Corridor/Restroom/Support	0.60	353	212	3. The energy features an	
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Compliance o				3. Tailored Method Allowed Watts. Documented in section A of NRCC-LTI-04-E			0	Elec Equipment Room	Electrical, Mechanical Room	0.70	120	04	
Compliance of 4. The building	usign features or system design features identified on this Certificat	ite of Compliance are consistent v					0	Elec Equipment Room	Electrical, Mechanical Room	0.70	120		4. The building design fea
Compliance of 4. The building documents, s		ite of Compliance are consistent v inforcement agency for approval	with this building permit application.	TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on N			0 296	Elec Equipment Room	Electrical, Mechanical Room	0.70	120		4. The building design fea documents, worksheet
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Compliance c 4. The building documents, v 5. I will ensure 1 enforcement builder provi flexpossible Decerve A Company : Address:	reign features or system design features identified on this Certificat srksheets, calculations, plans and specifications submitted to the er at a completed signed copy of this Certificate of Compliance shall b gency for all applicable inspections. I understand that a completed is to the building owner at occupancy. The Randall P Cavannagh American Modular Systems   Gen7 Schools 787 Spreckels Avenue	Ite of Compliance are consistent of inforcement agency for approval be made available with the build I signed copy of this Certificate of Responsible Designer Signed Date Signed: 05/21/19 Litense:	vith this building permit application. In permit(s) issued for the building, and made available to the Compliance is required to be included with the documentation the Building for the building for the build	TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on N         I Check here if building contains both conditioned and unconditioned areas.         B. COMPLETE BUILDING METHOD LIGHTING POWER ALLOWANCE         A         TYPE OF BUILDING (From §140.6 Table 140.6-B)         Total Watts. E         C -1 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES (C	RCC-LTI-01, Page 2, Row 1 B WATTS PER (ft <sup>2</sup> ) Total Area: nter Total Watts into section A, re -2 plus C-3) Total	X BLDG. AREA = ww 1 (Above on this page) from section C-2 . 296 from section C-3 . 0	0 296 D Allowed WATTS		Electrical, Mechanical Room	TOTALS	473	64 	4. The building design fea documents, worksheet     5. I will ensure that a com enforcement agency to builder provides to the hesponible Osigner Mone: Rar Company: Arm Address: 787
Compliance c 4. The building documents, v 5. I will ensure 1 enforcement builder provi flexpossible Decerve A Company : Address:	reign features or system design features identified on this Certificat srksheets, calculations, plans and specifications submitted to the er at a completed signed copy of this Certificate of Compliance shall b gency for all applicable inspections. I understand that a completed is to the building owner at occupancy. The Randall P Cavannagh American Modular Systems   Gen7 Schools 787 Spreckels Avenue	Ite of Compliance are consistent of inforcement agency for approval be made available with the build I signed copy of this Certificate of Responsible Designer Signed Date Signed: 05/21/19 Litense:	vith this building permit application. In permit(s) issued for the building, and made available to the Compliance is required to be included with the documentation the Building for the building for the build	TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on N         I Check here if building contains both conditioned and unconditioned areas.         B. COMPLETE BUILDING METHOD LIGHTING POWER ALLOWANCE         A         TYPE OF BUILDING (From §140.6 Table 140.6-B)         Total Watts. E         C -1 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES (C	RCC-LTI-01, Page 2, Row 1 B WATTS PER (ft <sup>2</sup> ) Total Area: nter Total Watts into section A, rg -2 plus C-3) Total Total	X BLDG. AREA = ww 1 (Above on this page) from section C-2 . 296 from section C-3 . 0	0 296 D Allowed WATTS			TOTALS	473	64	Compliance conform to 4. The building design fea documents, worksheet 5. I will ensure that a com enforcement agency fo builder provides to the Acopanish Designer Norm: Ran Company : Ann Addres: 78,7 City/State/Dat Man City/State/Dat Man

A Building Energy Efficiency Standards - 2013 Nonresidential Complian

CA Building

TE OF CALIFORNIA DOOR LIGHTING SARCCLITA1 & (Revised Ob/14)								CALIFORNIA ENERGY COMMIS	SION X	
ERTIFICATE OF COMPLIANCE - USER INST	RUCTIONS							NR	CC-LTI-	01-6
door Lighting									Page 3	of S
olect Name: AMS Modular Classroom 2	4'x40' (for D	SA)					Date Prepared: 5	/21/2015		
separate Lighting Schedule Must Be Fille CONDITIONED SPACE  UNC	ed Out for Col ONDITIONED		d and Uncond	itioned Spi	aces: Instal	led Lighting Po	wer listed on thi	s Lighting Schedule is only for:	*****	
. INDOOR LIGHTING SCHEDULE	and FIELD	INSPEC	TION ENER	GY CHEC	KLIST			<b></b>		
The actual Indoor lighting power lister	d on this pag	e and on	the next page	e includes	all installed	permanent an	i planned portal	sie lighting systems.		
CI When Complete Building Method is u	sed for comp	llance, ll	st each differe	ent type of	luminaire o	in separate line	<b>5.</b>			
When Area Category Method or Tailo	red Method i	s used fi	or compliance,	, list each	different typ	e of luminaire	by each differer	it function area on separate line	<b>15</b>	
Also include track lighting in schedule	, and submit	the trac	k lighting com	pliance for	m (NRCC-LT	1-05-E) when li	ne-voltage track	lighting is installed.		
	Januari and a state of the state									
. Installed Portable Luminaires In	Offices - I	Except	ion to Section	on 140.6	(a)					
This section shall be filled out ONLY fo	r portable lui	ninaires	In offices (As	defined in	§100.1). Al	i other plannes	portable lumin	aires shall be documented on n	ext pag	eol
this compliance form.			•••••					• ,1 1		
This section is used to determine if gre	later than 0.3	watts d	if portable ligh	iting is pla	nned for any	y office				
I Fill out a separate line for each differe	nt office. Sm	all office	s that are typi	cal (having	, the same g	ieneral and por	table lighting) m	ay be grouped together. This a	löwank	
shall not be traded between offices h	aving differen	it lightin	ig systems.	· · ·						
Office Portable Luminaire	Office	nstalle	d Portable	Luminai	re Watts P	Per Square	Accountable	Office Location	Fie	1.4
Schedule			F	oot			Watts		Inspe	
A`	8	c	D	E	F	G	н	1	+	
Complete Luminaire Description e., LED, under cabinet, furniture mounted direct/indirect)	Watts për Luminaire	Number of Luminaires	Installed portable luminaire watts in this office (6 x C )	Square feet of this office	Watts per square foot. (D / E)	if f ≤ 0.3, enter zero; if F > 0.3, (F-0.3)	ExG	identify Office area in which these portable luminaires are installed	73	720
	1		The second second second second second second second second second second second second second second second s		T-instanting		1	an an an an an an an an an an an an an a	0	a
d - That is a first in a start of a start of the start of the start of the start of the start of the start of t	1		1		t	[	1			
	1		1		1	[	1			C
	T	<b>F</b>	1		ľ	[	T		0	C
	1		1	[	[	1	1	anaan darinan arang mang pang akin tanih tanan tanih sa man kata tanan kata tanih kata tanih kata tanih kata t	D	
Total installed portable lui	minaire watt	s thát ar	ë greater than	0.3 watts	per square	foot per office:		Enter sum total of all pages in LTI-01-E; Page 1	to NRC	Ē-

	Luminaire Schedule		Installed Watts					
A	- - -	C D		E	F			
			How wattage was determined		<u> </u>	¥.		
Name or licm Tag	Complete Luminaire Description (i.e., 3 lamp fluorescent troffer, F32T8, one dimmable electronic ballast)	Watts per Luminaire	CEC Default from NA8	According to	Number Luminaires	Total installed Watts in this area (C x E )	Primary Funct these lumina	
LED	A - 40w LED	40.0	2	D	5	200	Corridor/Rest	
Nall mot	Incandescent	40.0	Ø	D	2	80	Electrical, Me	
			0	0				
			0	D				
				D				
			0	D				
				D				
ututeen as a second second second second second second second second second second second second second second			0	0	[	l		
*****	n an ann an a' an an an an an an an an an an an an an		a	0	T	T		
		INS	TALLED W	ATTS PAG	E TOTAL:	280	Enter sum tota NRCC-LTI-01-E	

CA Building Energy Efficiency Standards - 2013 No

CEC-NRCC-LTI-02-E (Revised 08/14) CERTIFICATE OF COMPLIANCE

Indoor Lighting - Lighting Controls

NDOOR LIGHTING - LIGHTING CONTROLS

set Memer AMS Modular Classroom 24'x40' (for DSA)

CONDITIONED SPACES.

June 201

June 2014

STATE OF CALIFORNIA INDOOR LIGHTING

indoor Lighting

C-NRCC-LTHOT-E (Revised 08/14

**CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS** 

Project Name: AMS Modular Classroom 24'x40' (for DSA)

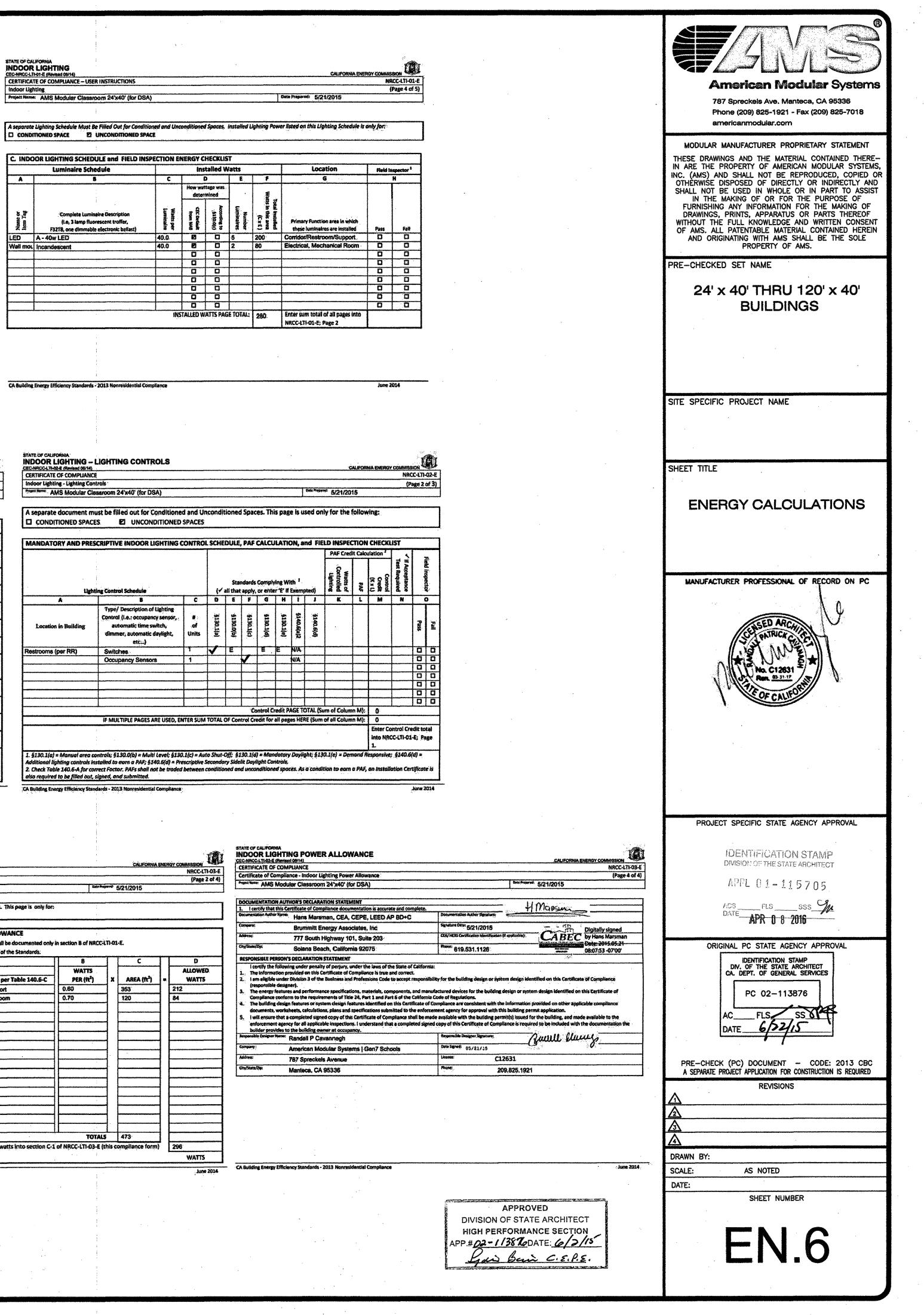
STATE OF CALIFORNIA INDOOR LIGHTING - LIGHTING CONTROLS CEC.NRCC.LTH.02-E (Revised 08/14) CERTIFICATE OF COMPLIANCE NRCC-LTI-02-E Indoor Lighting - Lighting Controls (Page 1.of 3) Frees Name AMS Modular Classroom 24'x40' (for DSA) Outer Present 5/21/2015 The NRCC-LTI-02-E shall be used to document all mandatory and prescriptive lighting controls that are applicable to the project. Mandatory Lighting Control Declaration Statements (Indicate if the measure applies by checking yes or no below.) YES NO Control Requirements Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with Section 110.9. Lighting shall be controlled by a lighting control a system or energy management control system in accordance with §110.9. An installation Certificate shall be submitted in accordance with Section 130.4(b). One or more Track Lighting Integral Current Limiters shall be installed which have been certified to the Energy C sion in accordance with §110.9 and \$130.0. Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b). A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in accordance with Section 110.9 and Section 130.0. Additionally. an Installation Certificate shall be installed in accordance with Section 130.4(b). All lighting controls and equipment shall comply with the applicable requirements in §110.9 and shall be installed in accordance with the manufacturer's tructions in accordance with Section 130.1. inaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1(a). General lighting shall be separately controlled from all other lighting systems in an area. Floor and wall display, window display, case display, ornamental and special effects lighting shall each be separately controlled on circuits that are 20 amps or less. When track lighting is used, general, display, prnamental, and special effects lighting shall each be separately controlled; in accordance with Section 130.1(a)4. le general lighting of any enclosed area 100 square teet of larger, with a conf multi-level lighting control requirements in accordance with Section 130.1(b). Al Installed indoor lighting shall be equipped with controls that meet the applicable Shut-OFF control requirements in Section 130.1(c). shting in all Daylit Zones shall be controlled in accordance with the requirements in Section 130.1(d) and daylit zones are shown on the plans.

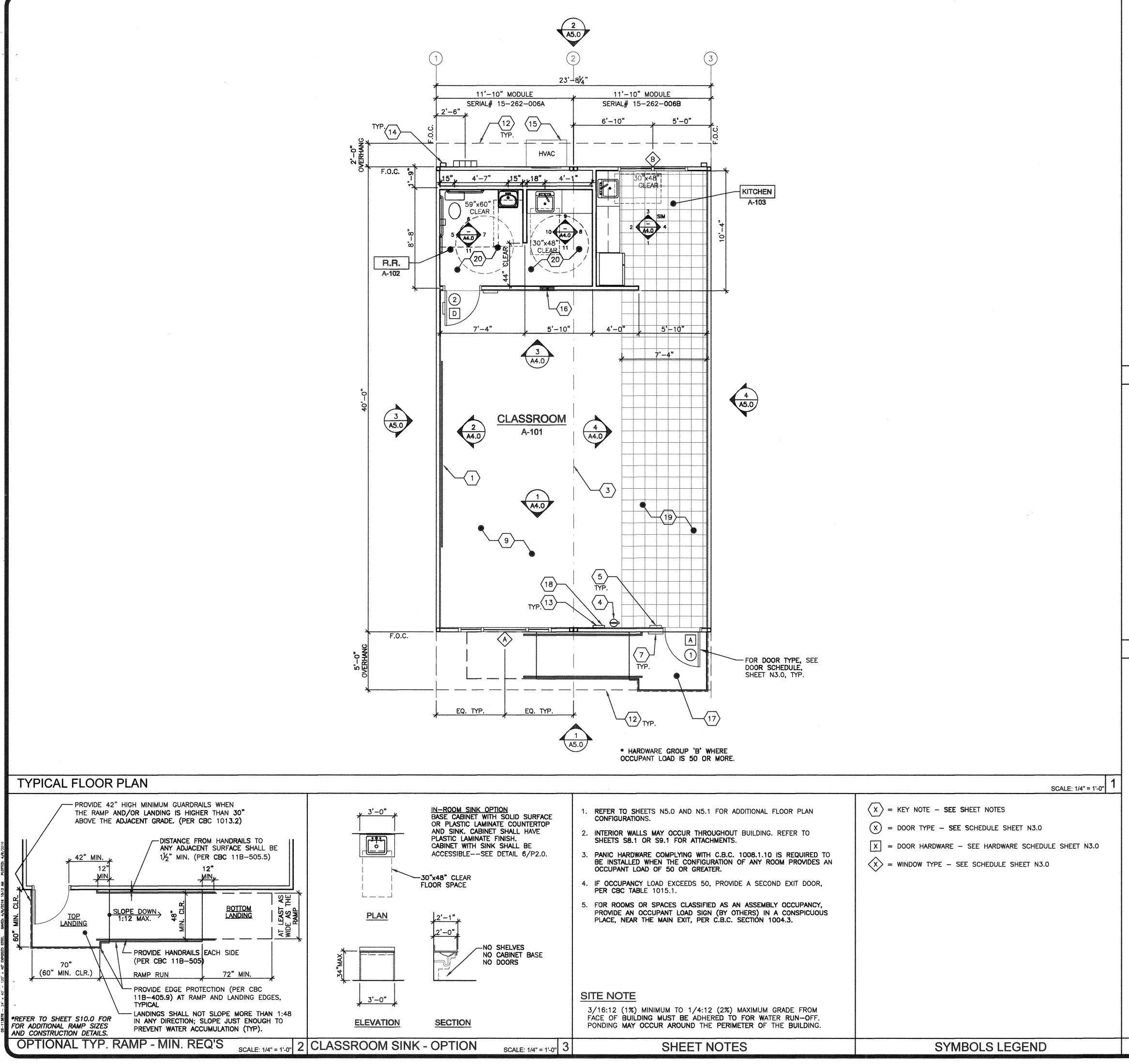
Lighting power in buildings larger than 10,000 square feet shall be capable of being automatically reduced in response to a Demand Responsive Signal in eccordance with Section 130.1(e). fore an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with Section 130.4:(a): The controls required to meet the Acceptance Requirements include automatic daylight controls, automatic shut-OFF ontrols, and demand responsive controls.

Ligh	ting Control Schedule		~			Comph or ente			pted)	the state of the William Provident State of the state of
A	8	C	Q	6	F	G	H	Ĩ	1	
Location in Building	Type/ Description of Lighting Control (i.e.: occupancy sensor, automatic time switch, dimmer, automatic daylight, etc)	# of Units	§130.1(a)	\$130.0(b)	§130.1(c)	\$130.1(d)	\$130.1(e)	§140,6(a)2	\$140.6(d)	The second s
Restrooms (per RR)	Switches	1	V	E		E	E	N/A		ľ
	Occupancy Sensors	1						N/A		
		ļ		<u> </u>	<u> </u>	ļ	<b></b>			
	1	1	1	1	<u> </u>	1				Ĺ

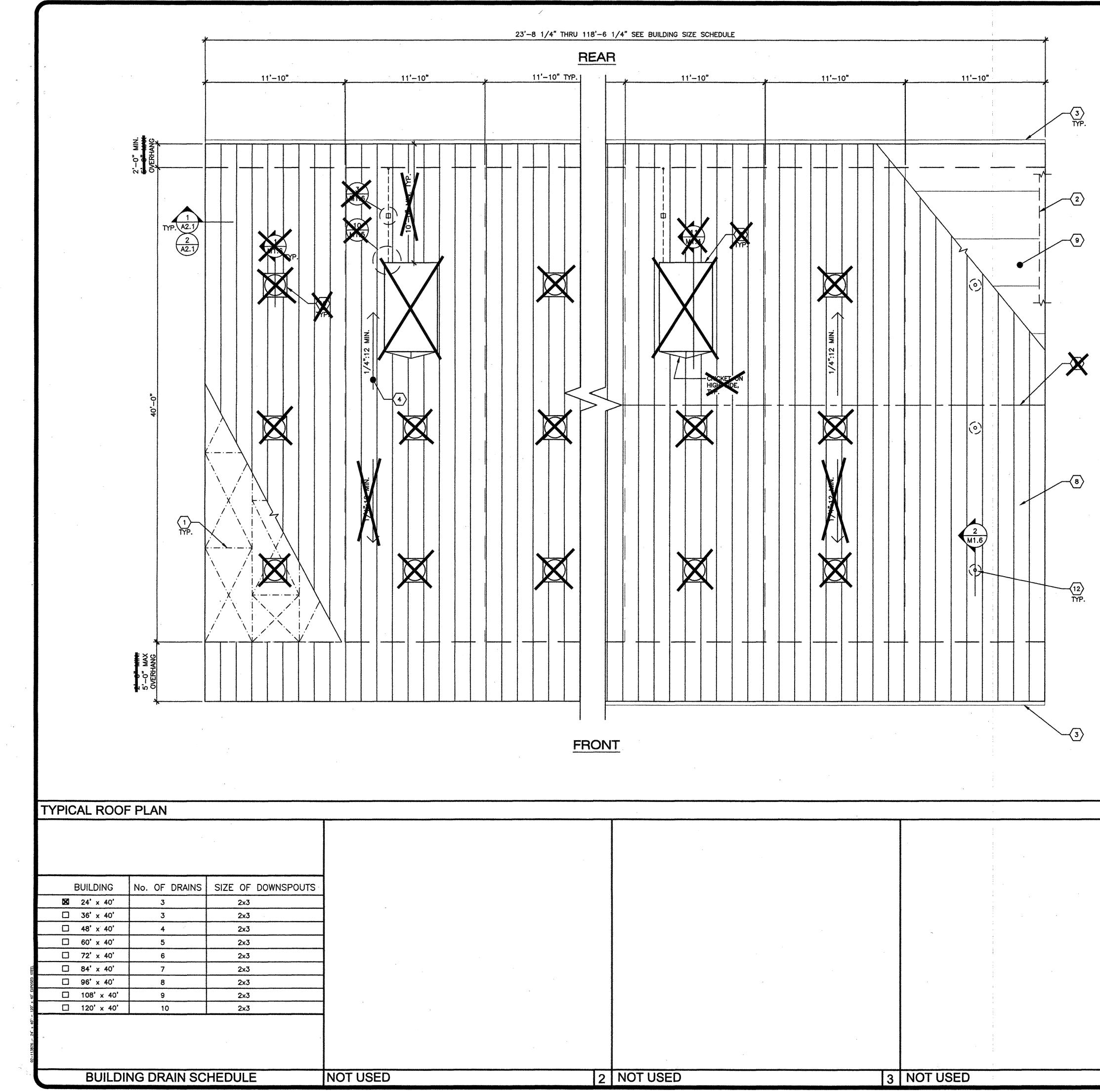
1. §130.1(a) = Manual area controls; §130.0(b) = Multi Level; §130.1(c) = Auto Shut-Off; §130.1(d) = Mandatory Daylight; §130.1(e) = Demand Responsive; §140.6(d) = ional lighting controls installed to earn a PAF; §140.6(d) = Prescriptive Secondary Sidelit Daylight Controls. 2. Check Table 140.6-A for correct Foctor. PAFs shall not be traded between conditioned and unconditioned spaces. As a condition to earn a PAF, an Insi

also required to be filled out, signed, and submitted. CA Building Energy Efficiency Standards - 2013 Nonresh





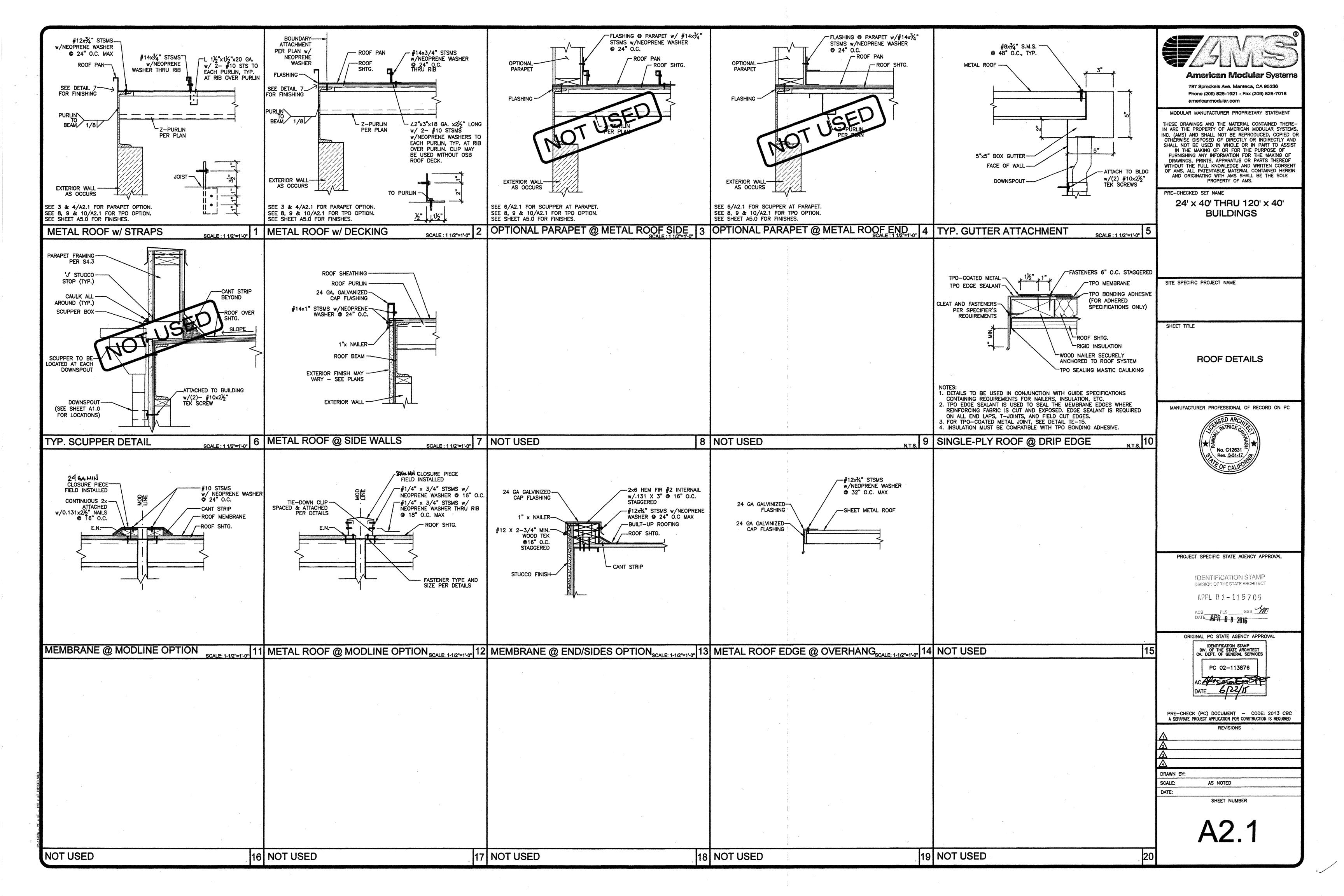
$\langle 1 \rangle$ (2) 8'x4' MARKER BOARDS - SEE SHEET A4.0	
$\mathbf{Y}$	
2 NOT USED	
3 TYP. MOD LINE	
4 FIRE EXTINGUISHER - TOP OF HANDLE @ +48" A.F.F.	American Modular Systems
4" MAX PROTRUSION FROM WALL IF FIRE EXTINGUISHER IS ABOVE 27" A.F.F.	787 Spreckels Ave. Manteca, CA 95336
5 TACTHE EVIT SIGN DEP DETAIL 10 (NA 0 (PY OTHERS)	Phone (209) 825-1921 - Fax (209) 825-7018
$\left< 5 \right>$ TACTILE EXIT SIGN PER DETAIL 10/N4.0 (BY OTHERS)	americanmodular.com
6 NOT USED	MODULAR MANUFACTURER PROPRIETARY STATEMENT
$\langle 7 \rangle$ CLASSROOM ID # AND ISA PER DETAILS 5&9/N4.0 (BY OTHERS)	THESE DRAWINGS AND THE MATERIAL CONTAINED THERE-
8 NOT USED	IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR
9 CARPET	OTHÈRWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST
	IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF
(10) NOT USED	DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF
(11) NOT USED	WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN
VI2 OVERHANG ABOVE	AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.
$\succ$	
(13) OCCUPANT LOAD SIGN PER DETAIL 11/N4.0 (BY OTHERS) & FLOOR LIVE LOAD SIGN PER 2013 CBC.	PRE-CHECKED SET NAME
(14) DOWNSPOUT - DISCHARGE TO SPLASH BLOCK (UON)	24' x 40' BUILDING
(QUANTITY AND LOCATION MAY VARY)	
(15) HVAC - SEE MECHANICAL	
$\langle 16 \rangle$ ELECTRICAL PANEL (LOCATION MAY VARY)	
(17) TYPICAL RAMP REFER TO DETAIL 2, THIS SHEET	
$\frown$	
$\langle 18 \rangle$ FLOOR LIVE LOAD & SNOW LOAD SIGN PER 2013 CBC	
(19) VCT	SITE SPECIFIC PROJECT NAME
	SANTA CLARA COUNTY OF
20 SHEET VINYL	EDUCATION
	SANTA TERESA ELEMENTARY
KEY NOTES	SHEET TITLE
	TYPICAL FLOOR PLAN
ENERGY CONTROLS	ITTICAL I LOOTTI LAN
1. DEMAND RESPONSE CONTROLS:	•
ONLY <b>REQUIRED IN BUILDINGS LA</b> RGER THAN 10,000 S.F., THEREFORE, NOT REQUIRED FOR THIS PC.	
2. AUTOMATIC DAYLIGHTING CONTROLS:	
NOT REQUIRED IN ROOMS WHERE COMBINED INSTALLED LIGHTING	
POWER IN COMBINED SKYLIT & PRIMARY DAYLIT ZONES ARE <120 WATTS. INSTALLED WATTAGE IN PRIMARY SIDELIT DAY LIT ZONE IS	MANUFACTURER PROFESSIONAL OF RECORD ON PC
80 WATTS (2x 40w). THEREFORE, AUTOMATIC DAYLIGHTING	
CONTROLS ARE ONLY REQUIRED WHEN "SOLATUBES" ARE INSTALLED. SEE A1.1	$\Lambda$ $\alpha$ ,
	IGED ARCO
3. ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) CONNECTION: PER TITLE 24 CODE, "AN EMCS MAY BE INSTALLED TO COMPLY	CE PATRICK C
WITH THE REQUIREMENTS OF ONE OR MORE LIGHTING CONTROLS IF	JOH MNEEPIN
IT MEETS THE MINIMUM REQUIREMENTS". PC MAY CONTAIN OCCUPANCY SENSORS AND PHOTOCELL CONTROL LIGHTING, IN THAT	
CASE, AN EMCS IS NOT REQUIRED FOR THIS PC.	No. C12631 Ren. 03-31-17
4. SOLAR -READY ZONE REQUIREMENTS:	TE OF ON FORM
REQUIREMENTS, DETAIL & TABLE CAN BE FOUND ON SHEET A2.0	OF CALL
NOTE: ANY MONITORING EQUIPMENT OR ASSOCIATED SENSORS ARE SITE	
SPECIFIC AND ARE NOT INCLUDED IN THE BASE PC.	
ENERGY NOTES	
	PROJECT SPECIFIC STATE AGENCY APPROVAL
	, and program and a sense cover cover of the set covery of the set of statement of the set of the set of the set
ACOUSTIC CONTROLS	IDENTIFICATION STAMP DIVISION: OF THE STATE ARCHITECT
1. WHEN THE PRE-CHECK (PC) BUILDING IS SITE ADAPTED, THE	
BUILDING AND SITE FEATURES SHALL COMPLY WITH THE CALGREEN	APPL 01-115705
CODE, SECTION 5.507.4, FOR THE SPECIFIC SITE LOCATION.	ACS ELS SS& JM
2. <u>MINIMUM WALL ASSEMBLIES</u> : WALL ASSEMBLIES SHALL BE CONSTRUCTED PER DETAIL SHEETS	ACSEST
A5.1, A5.3, A5.5, A5.7, & A8.0, WITH EITHER 2x4 WOOD STUDS	
OR 6" STEEL STUDS PER LISTED OPTIONS. MINIMUM STC RATINGS LISTED BELOW ARE PER <u>THE CATALOG OF STC &amp; IIC RATINGS FOR</u>	ORIGINAL PC STATE AGENCY APPROVAL
WALL AND FLOOR/CEILING ASSEMBLIES, PRODUCED BY THE OFFICE OF NOISE CONTROL - CA DEPARTMENT OF HEALTH SERVICES.	
OF MOISE CONTROL - ON DEFARIMENT OF HEALTH SERVICES.	
$ \geq  \chi  \geq 1$	
	BASED ON PC# 02-113876
	PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
(1) LAYER 1/2" GYPSUM BOARD	A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
SECURED TO MIN. 2x4 STUDS () 16" O.C. MAX.	
₩ 10 U.U. MAX.	$\Delta$
STC=28 (CATALOG SECTION 1.2.1.5.4.1)	<u>A</u>
STC=28 (CATALOG SECTION 1.2.1.5.4.1) TEST REF.: NATIONAL RESEARCH COUNCIL OF CANADA - NRC #66	
TEST REF .: NATIONAL RESEARCH COUNCIL	Ā
TEST <b>REF.: NATIONAL RESEARCH COUN</b> CIL OF CANADA — NRC <b>#</b> 66	DRAWN BY: AB
TEST REF.: NATIONAL RESEARCH COUNCIL OF CANADA - NRC #66 3. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT	DRAWN BY: AB SCALE: AS NOTED
<ul> <li>TEST REF.: NATIONAL RESEARCH COUNCIL OF CANADA - NRC #66</li> <li>3. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO ANOTHER PC CLASSROOM OR RESTROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND</li> </ul>	AB           DRAWN BY:         AB           SCALE:         AS NOTED           DATE:         10/12/15
<ul> <li>TEST REF.: NATIONAL RESEARCH COUNCIL OF CANADA - NRC #66</li> <li>3. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO ANOTHER PC CLASSROOM OR RESTROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR/CEILING SHALL MEET THE MINIMUM REQUIREMENT OF A STC</li> </ul>	DRAWN BY: AB SCALE: AS NOTED
<ul> <li>TEST REF.: NATIONAL RESEARCH COUNCIL OF CANADA - NRC #66</li> <li>3. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO ANOTHER PC CLASSROOM OR RESTROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR/CEILING SHALL MEET THE MINIMUM REQUIREMENT OF A STC OF 40, PER CALGREEN CODE SECTION 507.4.3.</li> </ul>	AB           DRAWN BY:         AB           SCALE:         AS NOTED           DATE:         10/12/15
<ul> <li>TEST REF.: NATIONAL RESEARCH COUNCIL OF CANADA - NRC #66</li> <li>3. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO ANOTHER PC CLASSROOM OR RESTROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR/CEILING SHALL MEET THE MINIMUM REQUIREMENT OF A STC OF 40, PER CALGREEN CODE SECTION 507.4.3.</li> <li>4. <u>MINIMUM WINDOW &amp; DOOR RATINGS</u>: ALL WINDOWS AND DOORS SPECIFIED ON THE SCHEDULES FOUND</li> </ul>	DRAWN BY: AB SCALE: AS NOTED DATE: 10/12/15 SHEET NUMBER
<ul> <li>TEST REF.: NATIONAL RESEARCH COUNCIL OF CANADA - NRC #66</li> <li>3. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO ANOTHER PC CLASSROOM OR RESTROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR/CEILING SHALL MEET THE MINIMUM REQUIREMENT OF A STC OF 40, PER CALGREEN CODE SECTION 507.4.3.</li> <li>4. <u>MINIMUM WINDOW &amp; DOOR RATINGS</u>: ALL WINDOWS AND DOORS SPECIFIED ON THE SCHEDULES FOUND ON SHEET N3.0 OF THIS PACKAGE SHALL MEET A MINIMUM STC</li> </ul>	DRAWN BY: AB SCALE: AS NOTED DATE: 10/12/15 SHEET NUMBER
<ul> <li>TEST REF.: NATIONAL RESEARCH COUNCIL OF CANADA - NRC #66</li> <li>3. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO ANOTHER PC CLASSROOM OR RESTROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR/CEILING SHALL MEET THE MINIMUM REQUIREMENT OF A STC OF 40, PER CALGREEN CODE SECTION 507.4.3.</li> <li>4. <u>MINIMUM WINDOW &amp; DOOR RATINGS</u>: ALL WINDOWS AND DOORS SPECIFIED ON THE SCHEDULES FOUND</li> </ul>	AB           DRAWN BY:         AB           SCALE:         AS NOTED           DATE:         10/12/15
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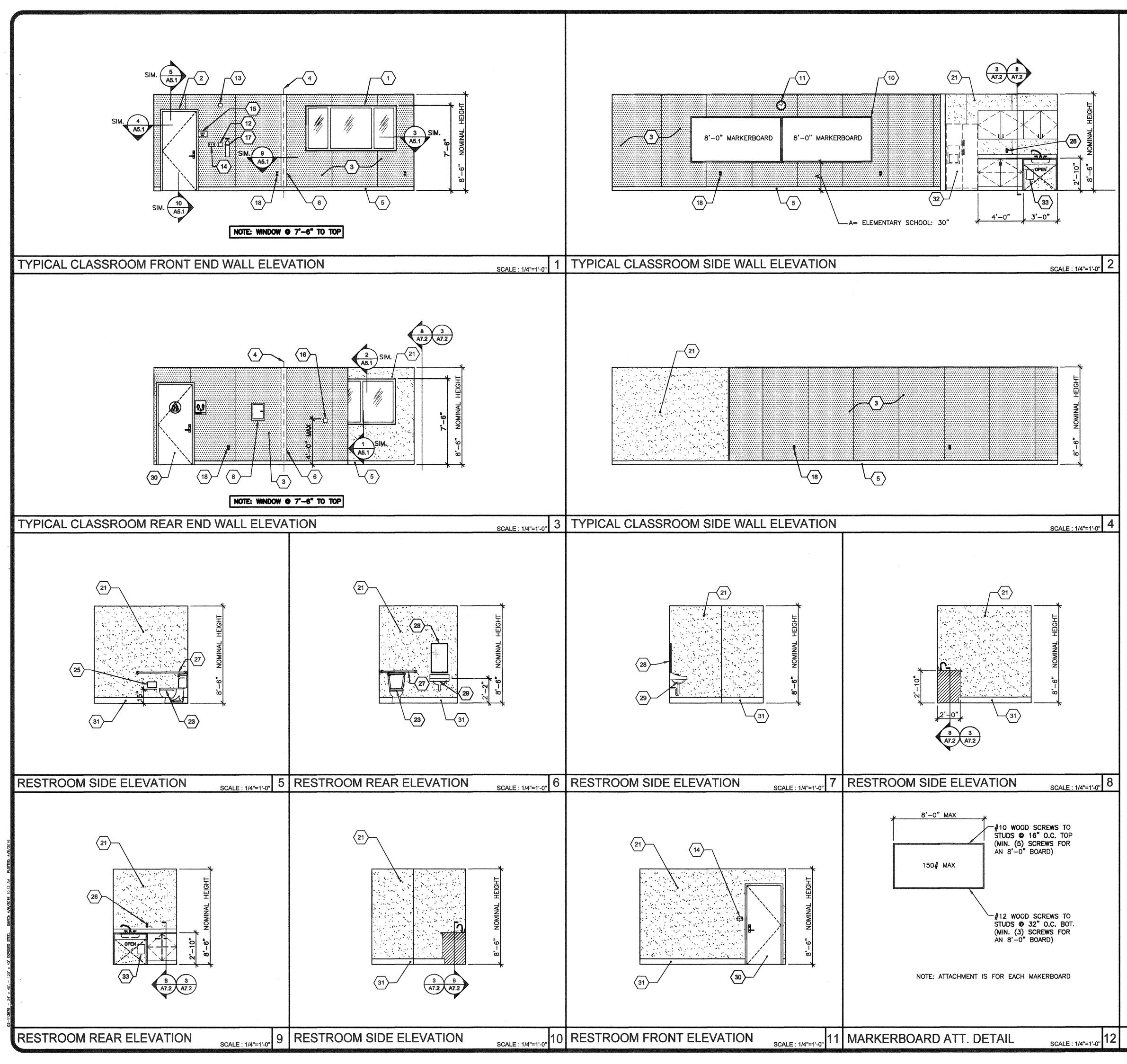


SCALE : 1/4"=1'-0" 1 4

(1) OSB SHEATHING	G		
2 OPTIONAL PAR	. Mile fallende		
3 GUTTER - SEE	5/A2.1		787 Spreckels Ave. Manteca, CA 95336
<ul> <li>(4) ROOF SLOPE</li> <li>(5) ROOF MOUNT</li> </ul>	TVAC UNITS - SEE MECHA	NUAL PLANS. DETAIL 11/MIT.T	Phone (209) 825-1921 - Fax (209) 825-7018
		<del>3/11.5</del>	
NOT USED			MODULAR MANUFACTURER PROPRIETARY STATEMENT THESE DRAWINGS AND THE MATERIAL CONTAINED THERE-
$\langle 7 \rangle$ NOT USED $\langle 8 \rangle$ STANDING SEAN	/ METAL ROOF - SEE DET	AILS ON SHEFT A2 1	IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR
A	TION - SEE DETAILS ON S		OTHÈRWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST
10 SOLATODE SKY	LIGHTS OF TIONAL		IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF
(11) ANDOL AT DUAL	<del>- Option Olope</del> See plumbing plans		WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN
Very FIFE VENT -	SEE FLOMDING FLANS		AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.
			PRE-CHECKED SET NAME
			24' x 40' THRU 120' x 40'
			BUILDINGS
			SITE SPECIFIC PROJECT NAME
			SHEET TITLE
·			with the fact in the first factor in the factor is a second
			ROOF PLAN
			MANUFACTURER PROFESSIONAL OF RECORD ON PC
			SSEDIAROAN
			SS STONG FEET
	KEY NOTE	S	★ (\$ No. C12631 € ★
			Ren. <u>3-31-17</u>
			E OF CALIFU
	ED, PER TITLE 24 SECTION JILDINGS, 3 STORIES OR LI		
OF ROOF AREA (EXC	LUDING SKYLIGHTS) MUST /). THE ROOF MUST HAVE	BE SET ASIDE FOR	
	-READY ZONE, AREA PER		
BE PROVIDED ON	I BUILDING ROOF.		
SKYLIGHTS OR O	LEFT VOID OF ROOF-MOUN THER OBSTRUCTIONS THAT	WOULD HINDER FUTURE	
	SOLAR SYSTEM COMPONEN	ITS, INCLUDING PV PANELS.	
	ONE AREA BUT CAN BE SP		PROJECT SPECIFIC STATE AGENCY APPROVAL
	ONE SHALL NOT INCLUDE F		IDENTIFICATION STAMP
	CTURE HAS BEEN DESIGNED		DIVISION OF THE STATE ARCHITECT
PSF WHICH MAY	HEET TS WITH A DESIGN RON NOT INCLUDE ADDITIONAL I	OADS FROM SOLAR	APPL 01-115705
	MIGHT BE INSTALLED AT A		ACSFLSSSS
EQUIPMENT DO N	INSTALLED MOUNTING HARI	), NOR DOES CONDUIT,	DATE APR 0 8 2016
	NGINEER OF RECORD SHOU		ORIGINAL PC STATE AGENCY APPROVAL
OF THE ROOF FF		DETERMINE THE ADEQUACY DADS OF THE INSTALLATION	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
ON THE BUILDING	STRUCTURE.		CA. DEPT. OF GENERAL SERVICES
			PC 02-113876
			ACAMFLETINGSS 2000 DATE 6/2/15
	IRED SOLAR-RE		
BUILDING	MAX. ROOF AREA (SQ. FT.)	REQ'D ZONE AREA (SQ. FT.)	PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
🔀 24' x 40'	1200	180	A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED REVISIONS
□ 36' x 40'	1800	270	
□ 48' × 40' □ 60' × 40'	2400 3000	450	$\Delta$
□ 72' × 40'	3600	540	Â
□ 84' x 40'	4200	630	DRAWN BY:
□ 96' x 40'	4800	720	SCALE: AS NOTED DATE:
□ 108' x 40' □ 120' x 40'	5400 6000	900	SHEET NUMBER
			A2.0
			AZ.U
	ADY ZONE RE		
	AND 2 T / I I I I I I I I I I I I I I I I I I		a 1

SULAR-READT ZUNE REQUIREMENTS

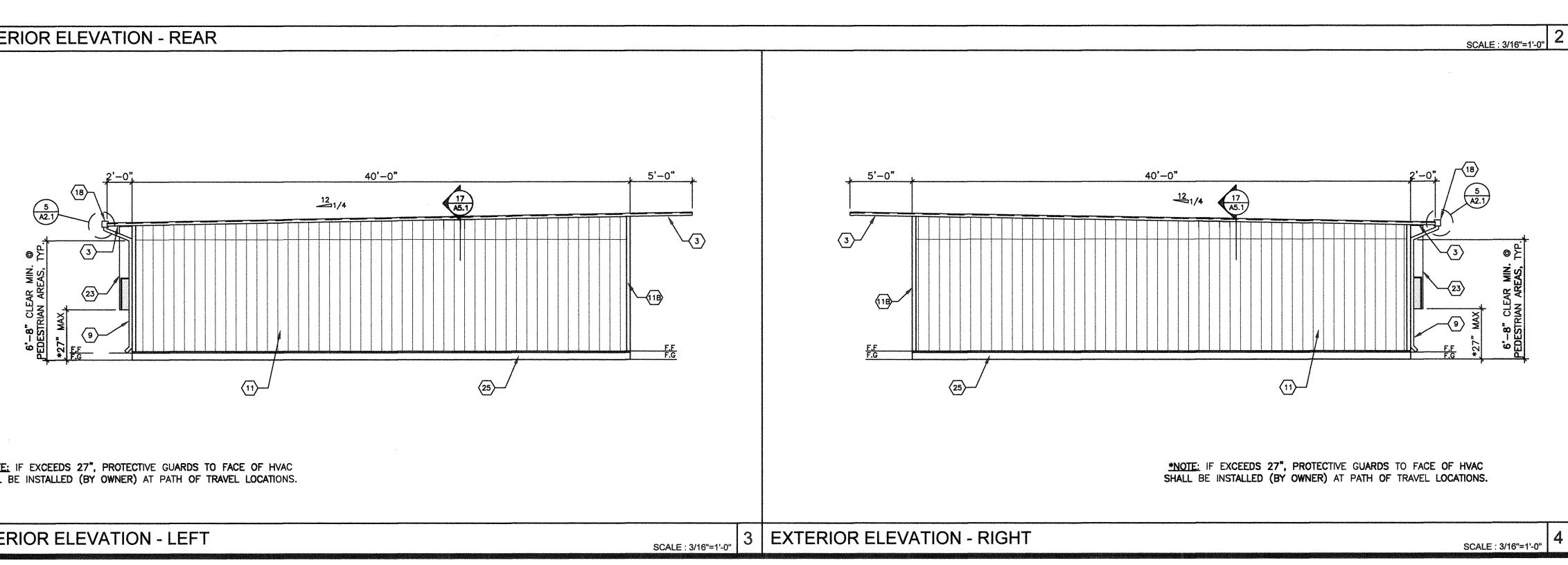




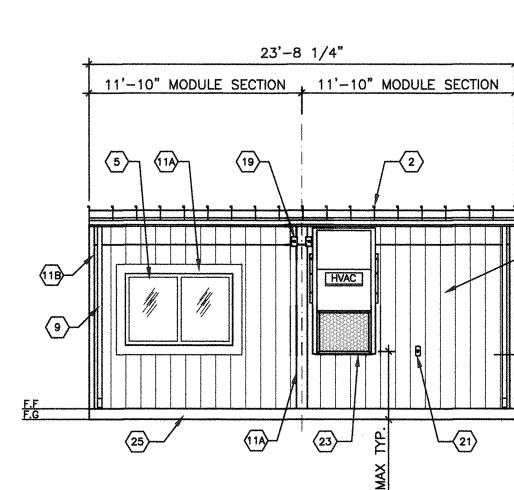
1 WINDOW, SEE SPEC'S	
2 TYP. EXTERIOR DOOR 3 VINYL WRAPPED TACKABLE WALLS	American Modular Systems
4 TYP. MOD LINE	787 Spreckels Ave. Manteca, CA 95336 Phone (209) 825-1921 - Fax (209) 825-7018
5 TOP SET BASE	americanmodular.com
6 FULL PANEL CLOSE-UP AT MOD-LINES, TYP.	MODULAR MANUFACTURER PROPRIETARY STATEMENT
	THESE DRAWINGS AND THE MATERIAL CONTAINED THERE- IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR
8 ELECTRICAL PANEL - SEE ELECTRICAL SHEETS	OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST
(2) 8'x4' MARKER BOARDS - SEE DETAIL 8/A4.0	IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF
T1 CLOCK	WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE
12 PULL STATION J-BOX 48" A.F.F SEE ELECTRICAL SHEETS	PROPERTY OF AMS.
13 HORN/STROBE J-BOX - SEE ELECTRICAL SHEETS	PRE-CHECKED SET NAME
(14) LIGHT SWITCH - SEE ELECTRICAL SHEETS	24' x 40' BUILDING
EXIT TACTILE SIGN PER DETAIL 10/N4.0 (NIC)	
- 16 THERMOSTAT, TOP @ 48" A.F.F SEE MECHANICAL SHEETS	
17 FIRE EXTINGUISHER TOP OF HANDLE <b>©</b> +48" MAX. A.F.F. PROTRUSION MAX 4" FROM WALL OR BOTTOM OF	
FIRE EXTINGUISHER LESS THAN +27" A.F.F	
$\langle 18 \rangle$ TYP DUPLEX OUTLET – SEE ELECTRICAL SHEETS $\langle 19 \rangle$ NOT USED	SITE SPECIFIC PROJECT NAME
20 NOT USED	SANTA CLARA COUNTY OF
21 F.R.P. (FIBER REINFORCED PLASTIC)	EDUCATION SANTA TERESA ELEMENTARY
22 NOT USED	SHEET TITLE
23 ACCESSIBLE TOILET	
24 NOT USED	INTERIOR ELEVATIONS
25 TOILET PAPER DISPENSER	TYPICAL CLASSROOM
26 TYP. GFCI OUTLET - SEE ELECTRICAL SHEETS	
$\langle 27 \rangle$ GRAB BAR - SEE 1/A7.2	
28 TYP. MIRROR	MANUFACTURER PROFESSIONAL OF RECORD ON PC
29 ACCESSIBLE LAVATORY	
30 TYP. INTERIOR DOOR	ENSED ARCAIN
_ 31 SELF COVE	COL PATRICK GETE
32 REFRIGERATOR BY OTHERS	₩ No. C12631 € ★
33 INSTA-HOT WATER HEATER	FOF CALIFORNI
NOTE: FOR ACCESSIBLE FIXTURES & ACCESSORIES	CALL
MOUNTING HEIGHT REQUIREMENTS (PER CBC CHAPTER 11B), SEE SHEET P2.0, DETAIL 7.	
	PROJECT SPECIFIC STATE AGENCY APPROVAL
	FROJECT SPECIFIC STATE AGENCT AFFROVAL
	IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT
	APFL 01-115705
	ACSFLSSSS/// DATEAPR_0_8_2016
	Vare UB ZUIG
	ORIGINAL PC STATE AGENCY APPROVAL
	BASED ON PC# 02-113876
	PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
	DRAWN BY: AB SCALE: AS NOTED
	DATE: 10/12/15
	SHEET NUMBER
	A4.0
KEY NOTES	

## **EXTERIOR ELEVATION - LEFT**

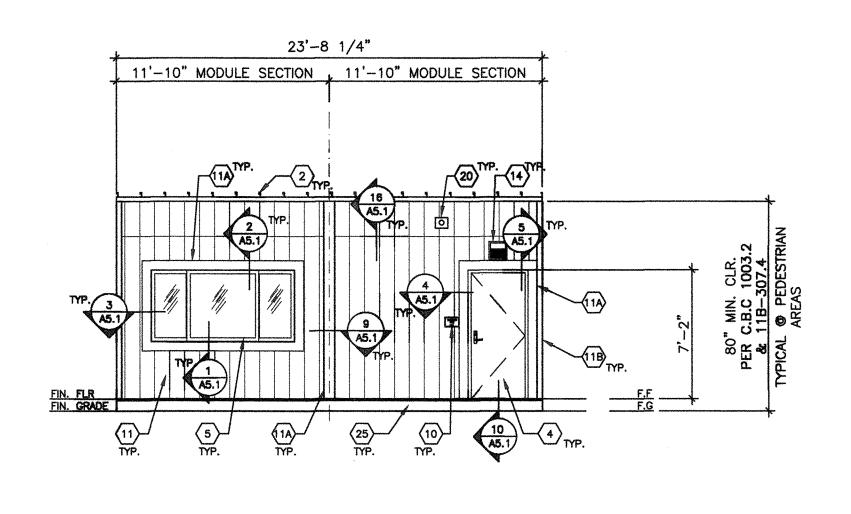
**<u>\*NOTE:</u>** IF EXCEEDS 27", PROTECTIVE GUARDS TO FACE OF HVAC SHALL BE INSTALLED (BY OWNER) AT PATH OF TRAVEL LOCATIONS.



**EXTERIOR ELEVATION - REAR** 



## **EXTERIOR ELEVATION - FRONT**



 $\sqrt{2}$ 

8 A5.1

21

HVAC

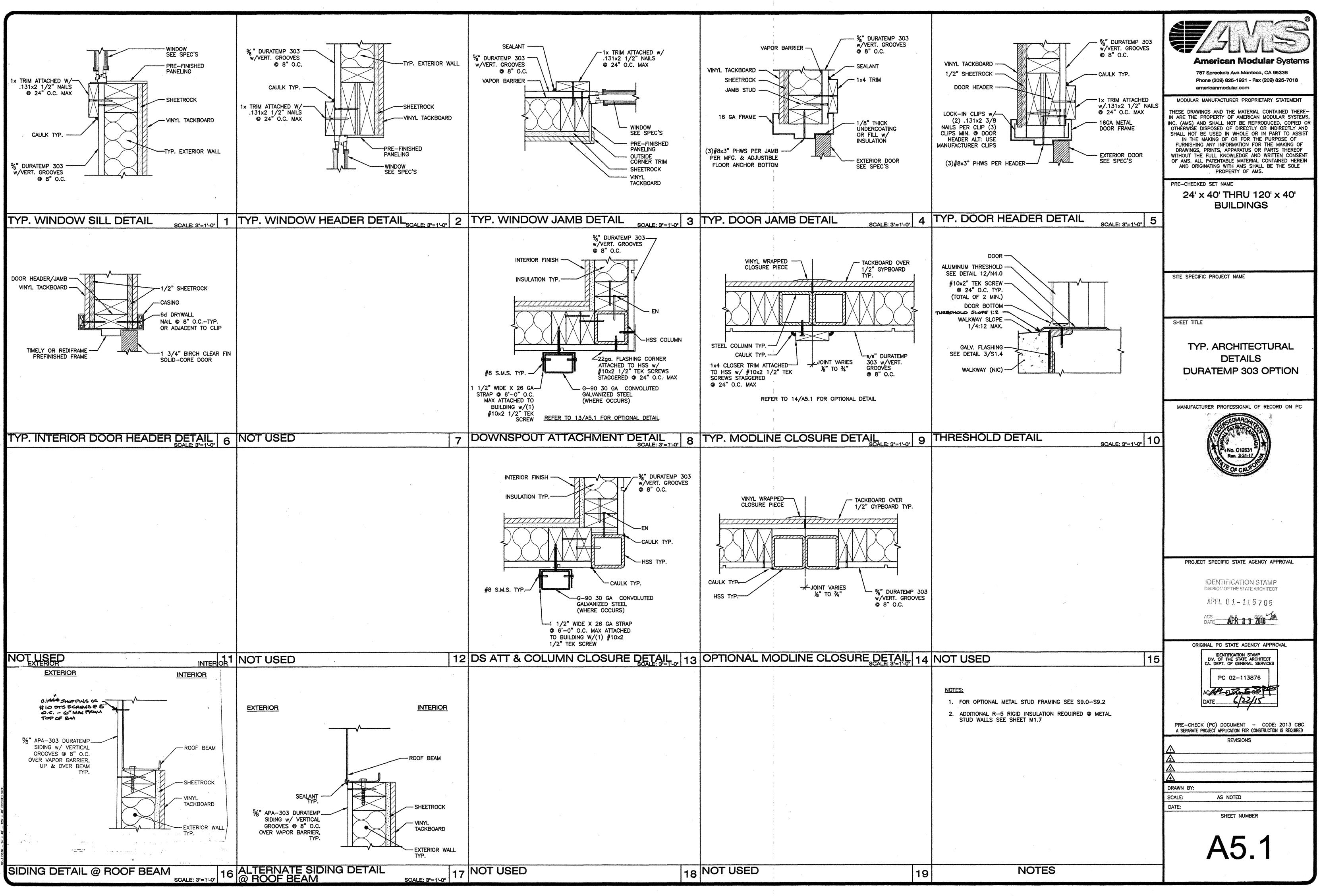
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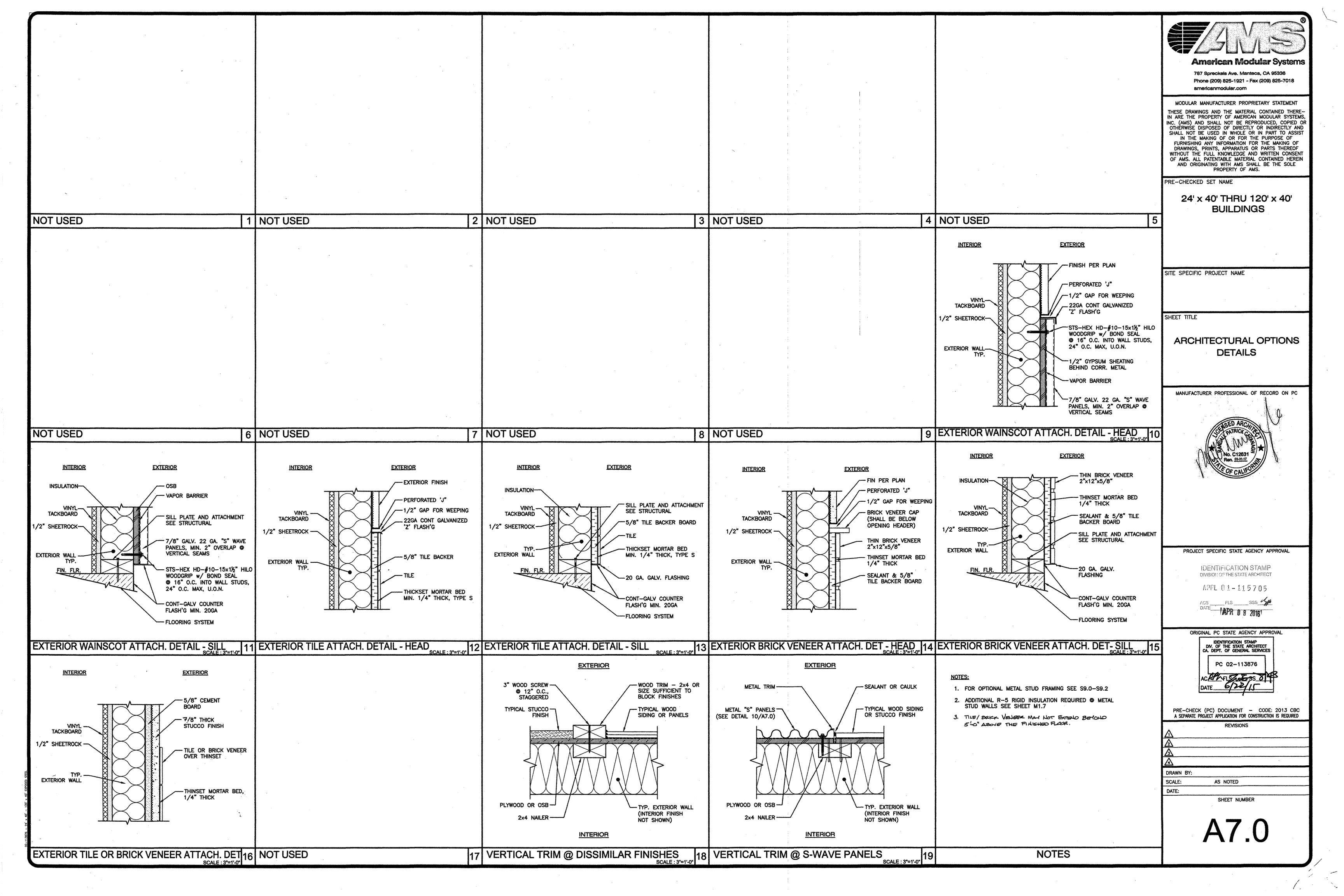
$\langle 1 \rangle$	NOT USED
$\overline{2}$	STANDING SEAM METAL ROOFING
$\overline{3}$	OVERHANG - SEE STRUCTURAL
$\langle 4 \rangle$	TYP. EXTERIOR DOOR - SEE SCHEDULE
$\overline{5}$	WINDOW - SEE SCHEDULE
$\overline{6}$	NOT USED
$\overline{7}$	NOT USED
8	NOT USED
9	DOWNSPOUT SEE DETAIL 6/A2.1 FOR ATTACHMENT
(10)	ROOM ID <b>AND ISA SIGNAGE (B</b> Y OTHER) SEE DETAI <b>LS 5 &amp; 9/N4.0 - T</b> YP.
$\langle 11 \rangle$	5/8" OSB SHEATING 303
(11A)	1x4 TRIM
(11B)	22 GA. CORNER FLASHING
$\langle 12 \rangle$	NOT USED
$\langle 13 \rangle$	NOT USED
$\left< 14 \right>$	EXTERIOR LIGHT - SEE ELECTRICAL
$\overline{15}$	NOT USED
$\overline{16}$	NOT USED
$\langle 17 \rangle$	NOT USED
$\langle 18 \rangle$	GUTTER - SEE DETAIL 5/A2.1
(19)	MODULAR IDENTIFICATION TAG +90" ABOVE A.F.F.
20	FIRE ALARM HORN - REFER TO ELECTRICAL PLANS
$\langle 21 \rangle$	WP/GFCI @ HVAC UNITS - REFER TO ELECTRICAL PLANS
$\langle 22 \rangle$	NOT USED
$\overline{23}$	HVAC UNIT
24	NOT USED
25	SHEET METAL FLASHING PAINTED BODY COLOR
26	NOT USED
27	NOT USED

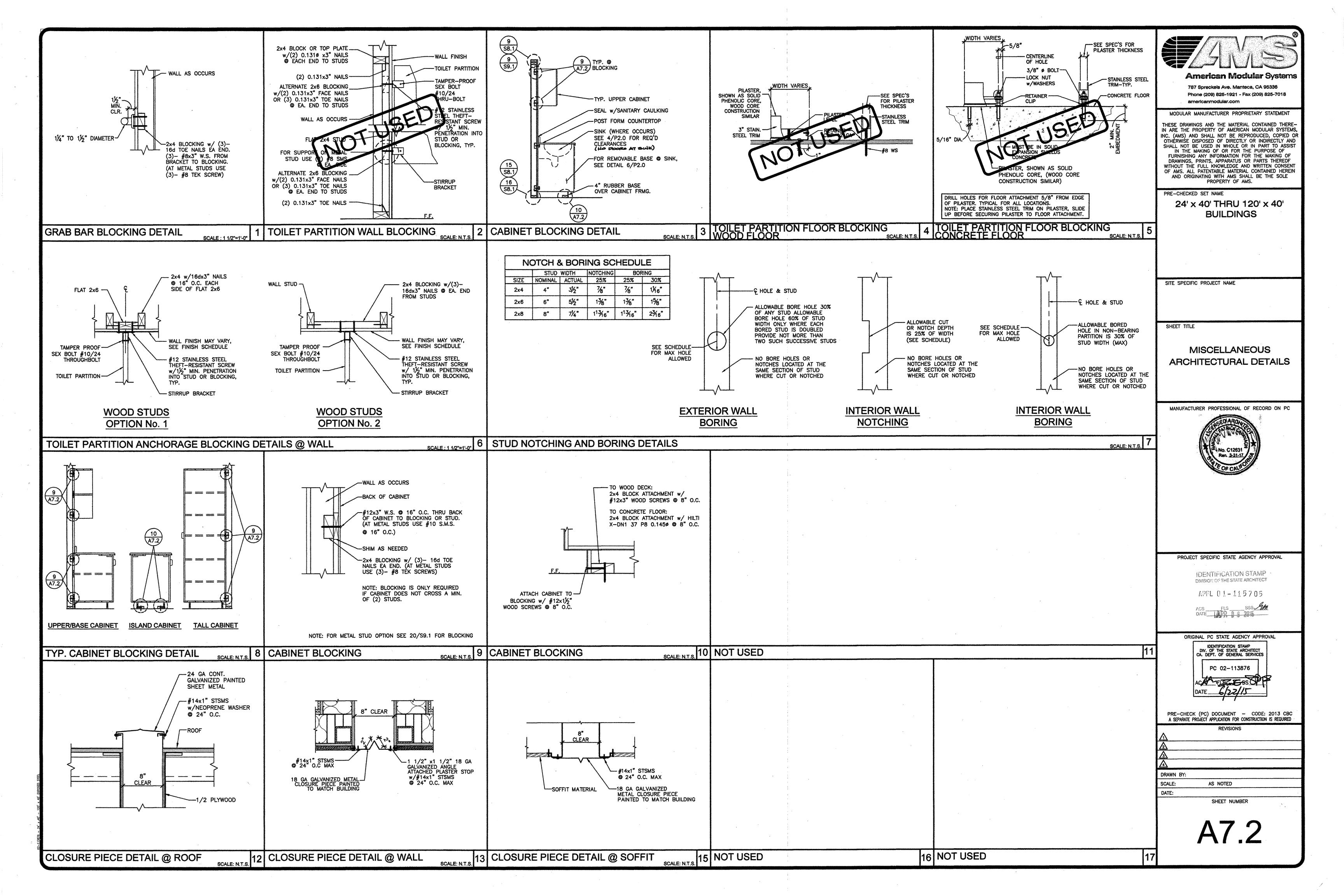
NOTE: FOR OPTIONAL RAMP, SEE DETAIL 2/A1.0

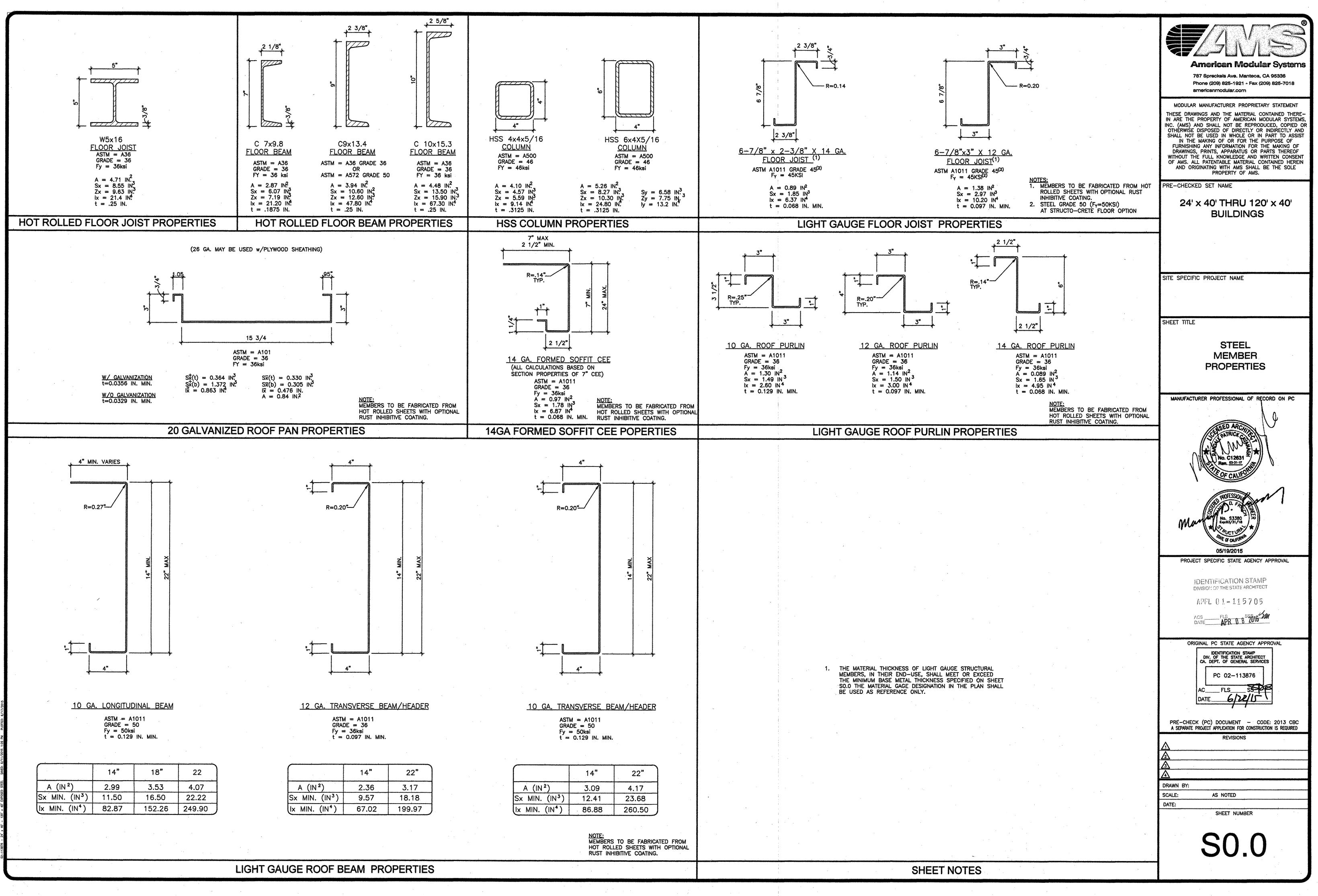
SCALE : 3/16"=1'-0"

American Modular System 787 Spreckels Ave. Manteca, CA 95336 Phone (209) 825-1921 - Fax (209) 825-7018 americanmodular.com MODULAR MANUFACTURER PROPRIETARY STATEMENT THESE DRAWINGS AND THE MATERIAL CONTAINED THERE-IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS. PRE-CHECKED SET NAME 24' x 40' BUILDING SITE SPECIFIC PROJECT NAME SANTA CLARA COUNTY OF EDUCATION SANTA TERESA ELEMENTARY SHEET TITLE TYPICAL EXTERIOR **ELEVATIONS** DURATEMP 303 OPTION MANUFACTURER PROFESSIONAL OF RECORD ON PC No. C12631 Ren. <u>0331-12</u> PROJECT SPECIFIC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPL 01-115705 лся\_\_\_\_\_fls\_\_\_\_sss\_\_/// date\_\_\_**APR\_D\_R\_2016** ORIGINAL PC STATE AGENCY APPROVAL BASED ON PC# 02-113876 PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED REVISIONS DRAWN BY: AB SCALE: AS NOTED DATE: 10/12/15 SHEET NUMBER A5.0



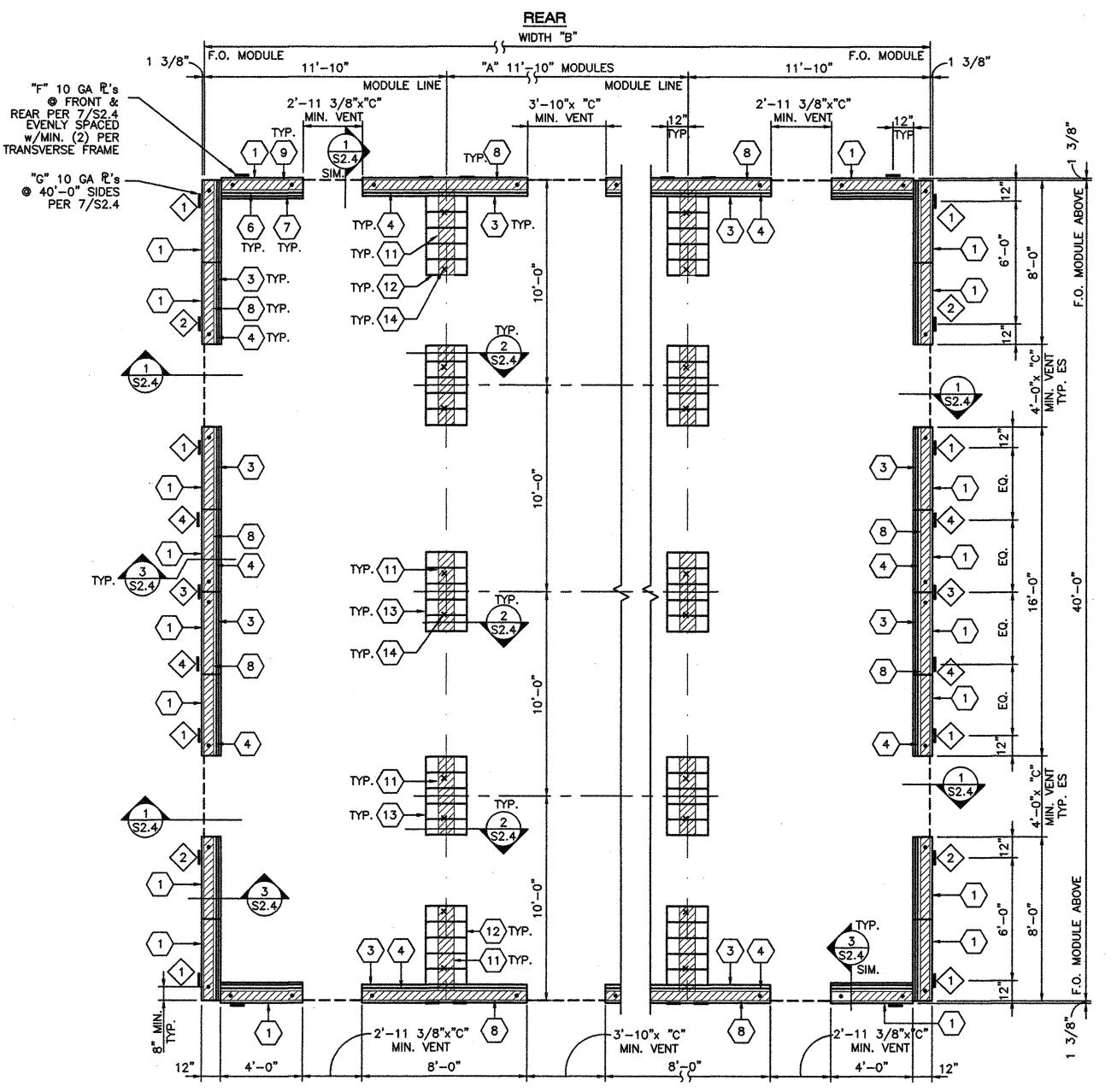






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TYP 8



FRONT

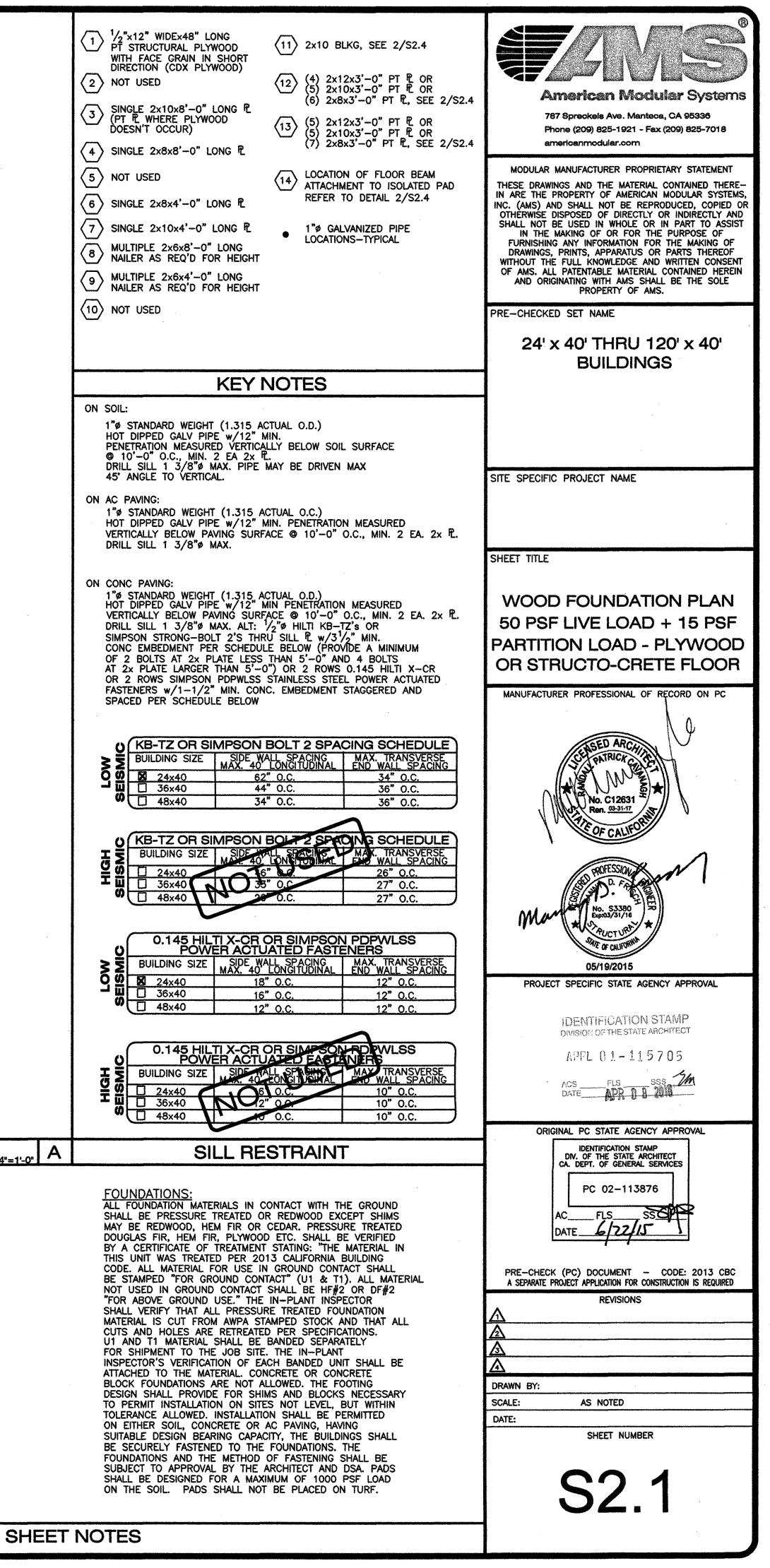
			"A"	"B"			"C"		"D"	"E"	"F"		"G"	"H"	"」"	Ĵ
MIC	BLDG SIZE (FT)	TOTAL # OF 12' WIDE MODULES	TOTAL #	TOTAL	TOTAL FLOOR AREA (FT <sup>2</sup> )	NET VENT AREA REQ'D (FT <sup>2</sup> )	MINIMUM HT OF VENTS (IN)	NET VENT AREA PROVIDED (FT <sup>2</sup> )	GALV NAIL	GALV NAIL	# OF 10 GA	P'a a cu	G 10 GA SHEAR DES (40' WALLS) 3&7/S2.4	EDGE NAIL (EN) SPACING	EDGE NAIL (EN) SPACING	
									SEE 3/S2.4	SEE 3/S2.4	SEE 3/S2.4	# OF PL's	P. LOCATIONS	(40' WALLS) SEE 3/S2.4	(IN) ("B" WALLS) SEE 3/S2.4	1
S N	🔀 24×40	2	0	23'-8"	960	6.4	3	6.9	14	8	4/SIDE	4/SIDE		6	4	
Q	□ 36x40	3	1	35'-6"	1440	9.6	4.5	13.3	10	8	6/SIDE	5/SIDE	1 3	4	4	**
	48x40	4	2	47'-4"	1920	12.8	4.5	16.2	8	8	8/SIDE	7/SIDE		4	4	
		T	"A"	"B"		NET	"C"	NET	"D"	E	"F"		"G"	"H"	"ن"	
a	BLDG SIZE (FT)	TOTAL # OF 12' WIDE MODULES	TOTAL # OF CENTER MODULES	TOTAL FOUNDATION WIDTH	TOTAL FLOOR AREA (FT <sup>2</sup> )	VENT AREA REQ'D (FT <sup>2</sup> )	MINIMUM HT OF VENTS (IN)	VENT AREA PROVIDED	GALL HAIL	GALV NAIL OF SPACING	# OF 10 GA SHEAR PL's © FRONT	f's SI	10 GA SHEAR DES (40' WALLS) 3&7/S2.4	EDGE NAIL (EN) SPACING	EDGE NAIL (EN) SPACING	
INSE		MODOLES	MODULES	WIDIN	AREA (FT)	(FT)	(111)	71	STE STE	("E" "MALLS) SEE 3/S2.4	& REAR SEE 3/S2.4	# OF PL's	1	(IN) (40' WALLS) SEE 3/S2.4	(IN)	} •
IS T	24x40	2	0	23'-8"	960	6.4	NIC	6.9		6	5/SIDE	5/SIDE		4	3	
ja ja	□ 36×40	3	1	35'-6"	1440	9.6	4.5	10.3	8	6	7/SIDE	7/SIDE		4	3	
ulla.	48×40	4	2	47'-4"	1920	12.8	4.5	16.2	6	6	9/SIDE	9/SIDE	$1 \sqrt{2} \sqrt{3} \sqrt{4}$	× 3	3	•

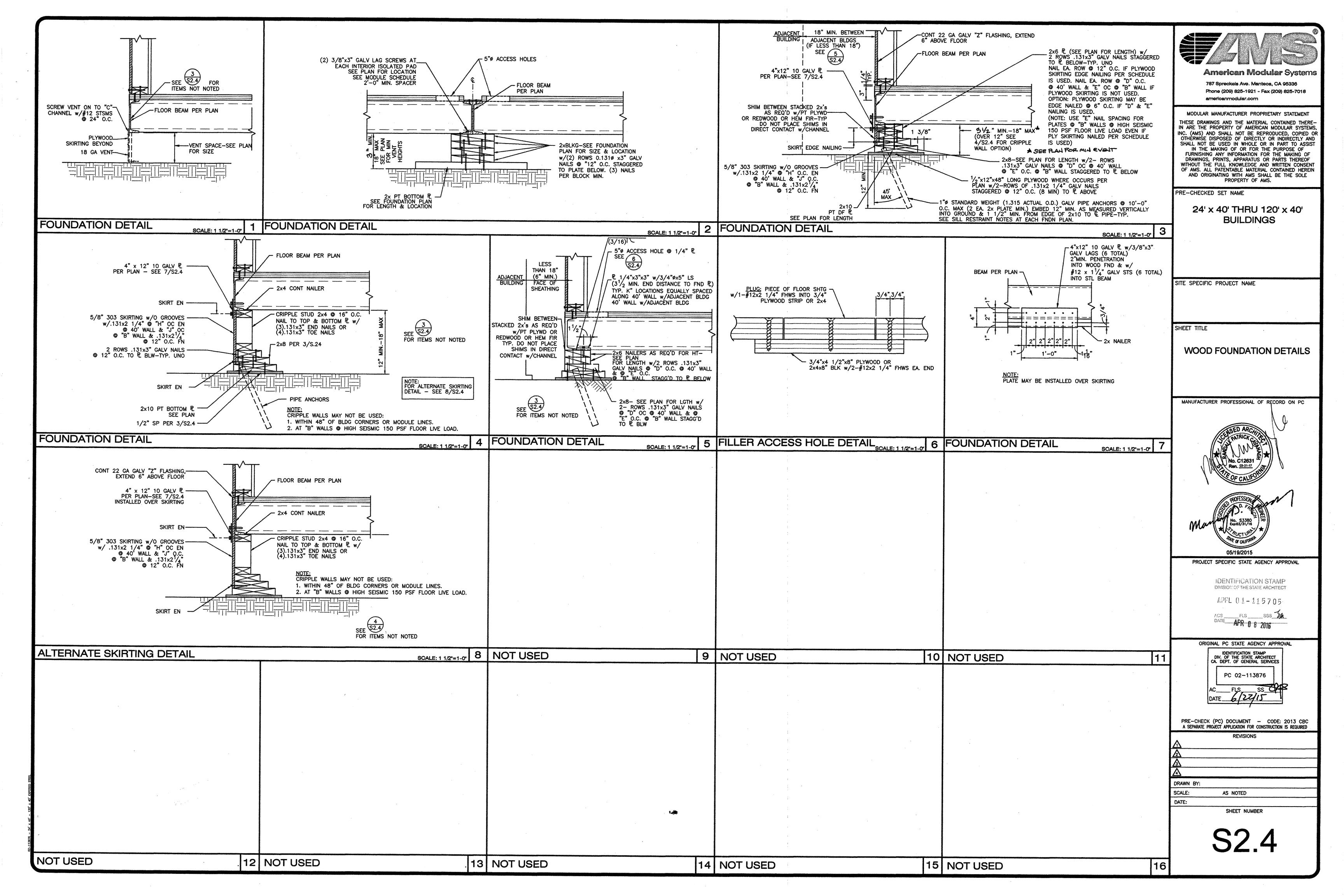
MODULE SCHEDULE - 48'x40' MAX

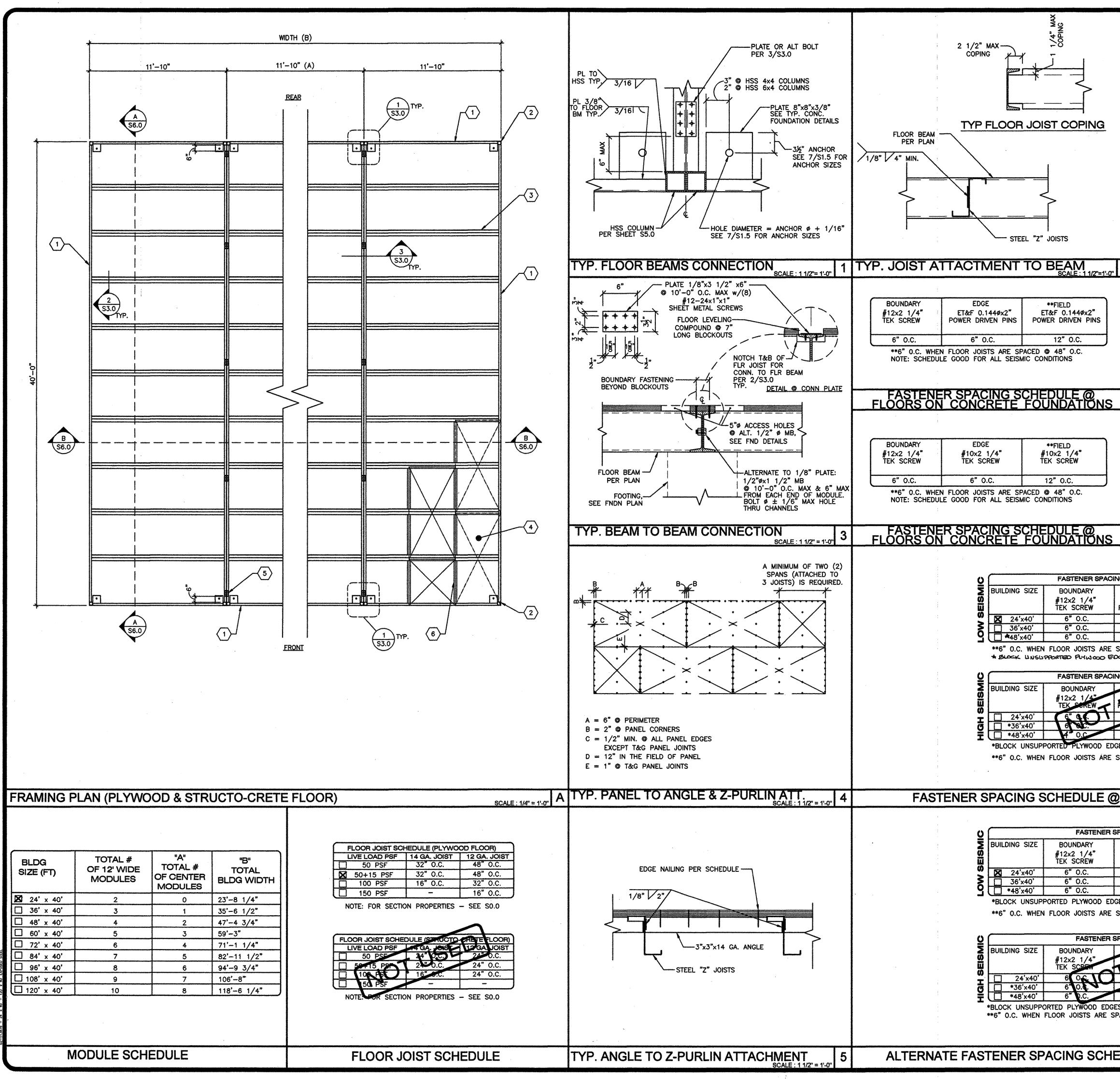
# TOP OF WOOD PADS TO BE LEVEL. 2. DO NOT INSTALL BUILDINGS IN AREAS OF WATER LINES. 3. SITE TO BE GRADED TO PREVENT WATER PONDING BENEATH THE STRUCTURE. 4. FOUNDATION PLYWOOD TO BE CUT PERPENDICULAR TO THE FACE GRAIN. 5. PER THE CONTRACT OF THIS PROJECT- THE BUILDING PAD MUST BE A MINIMUM OF 38'-0" FRONT TO REAR, BUILDING WIDTH PLUS 6'-0" SIDE TO SIDE AND SHALL NOT EXCEED 6" OUT OF LEVEL IN ANY DIRECTION. 6. STUCCO WALLS ARE NOT ALLOWED ON WOOD FOUNDATIONS. PROJECT ARCHITECT SHOULD VERIFY THE NET AREA OF THE VENT COVER BE EQUAL OT OR LARGER THAN THE VENT AREA REQUIRED SHOWN ON THE TABLE.

В

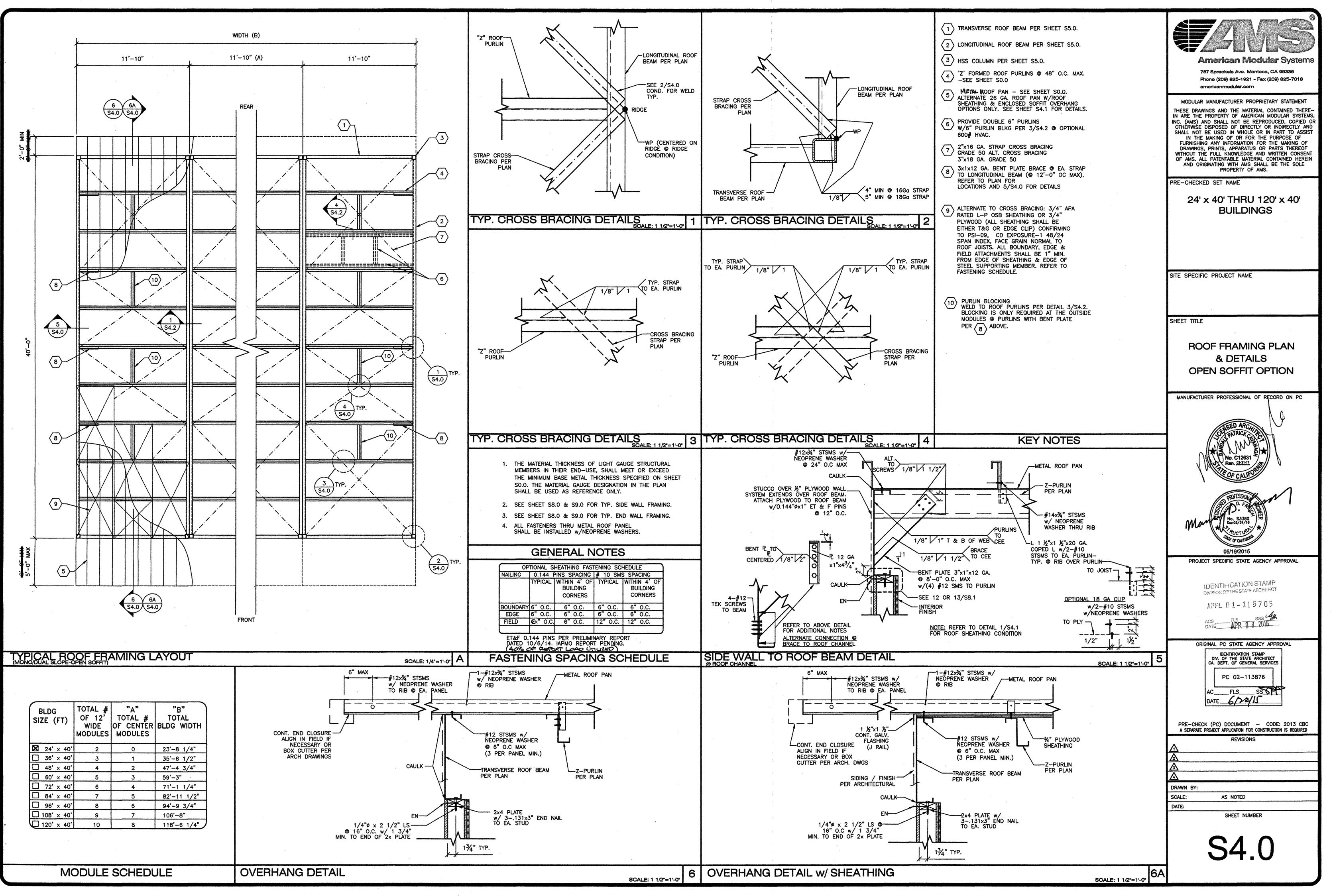
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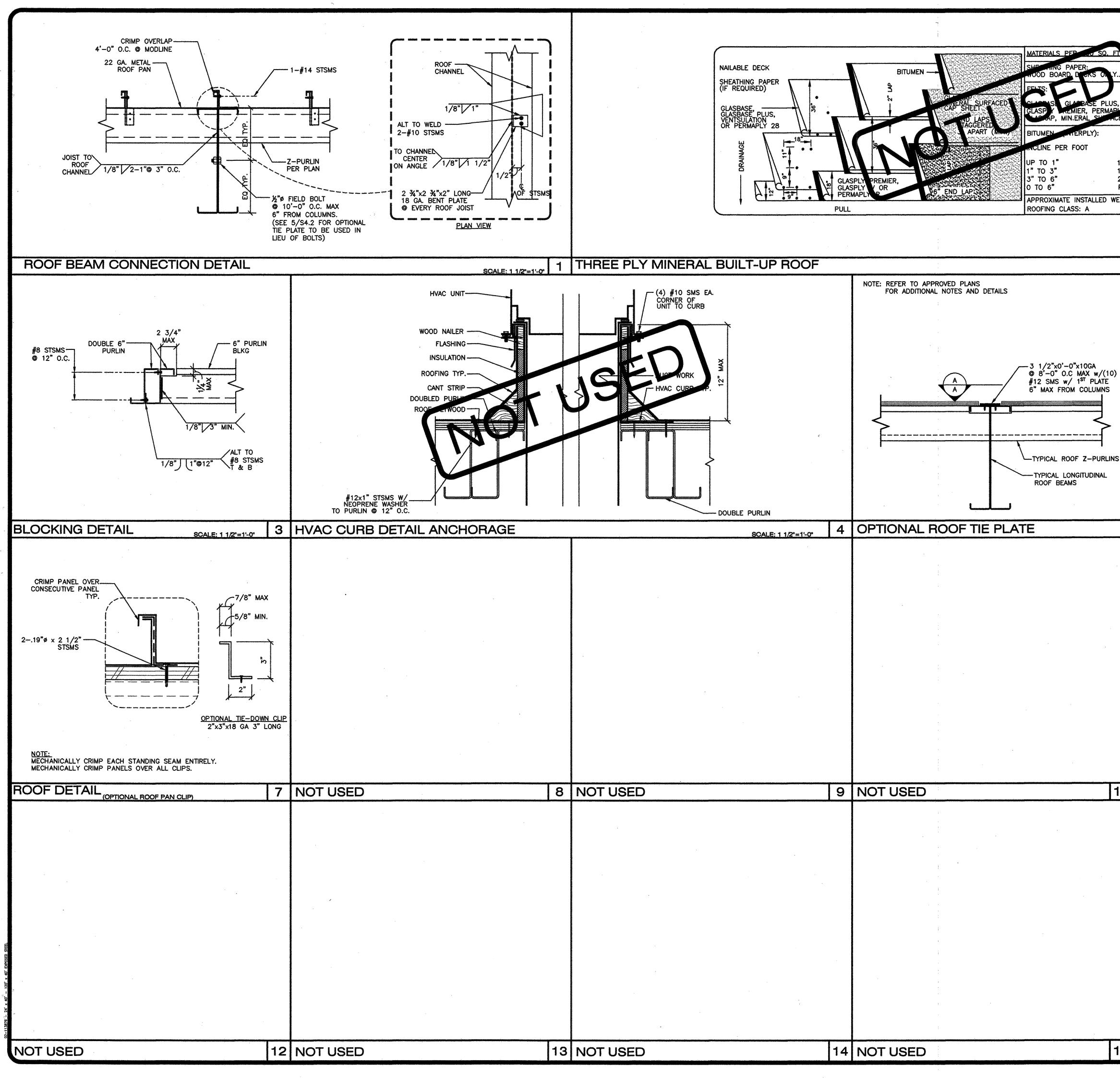




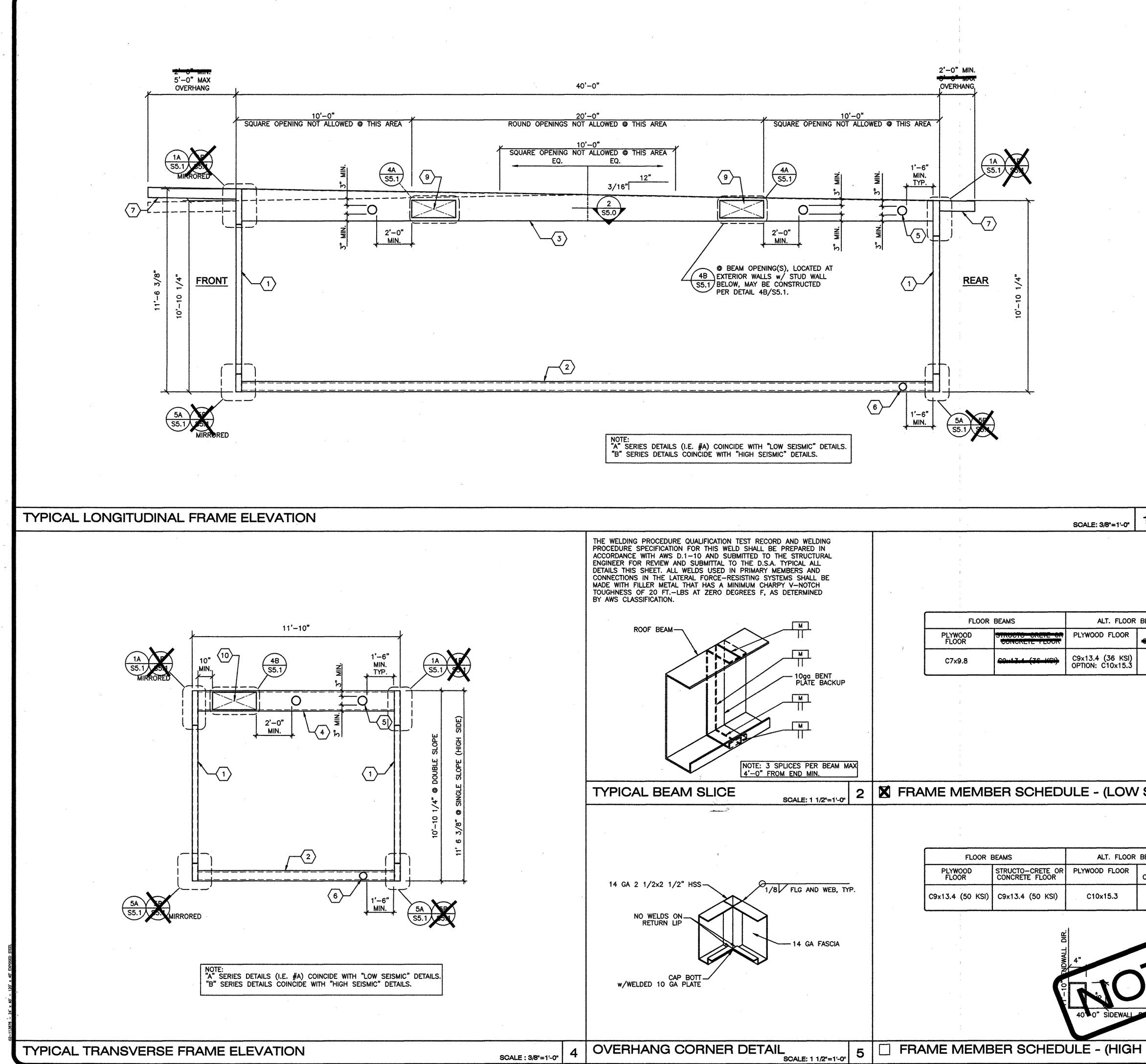


<ul> <li>I FLOOR BEAM PER SHEET S5.0. USE SINGLE SIZE CHANNEL THROUGHOUT FLOOR SYSTEM.</li> <li>(2) HSS COLUMN PER SHEET S5.0</li> <li>(3) FLOOR JOIST - SEE SCHEDULE</li> <li>(4) 1 1/8" T&amp;G PLYWOOD FLOOR SHT'G STURDI-I-FLOOR 48" O.C. SPAN RATING EXP. 1 COMFORMING TO PS 1-09 OPTION: UNI-FLOOR BY PITTSBURGH TESTING LAB CONFORMING TO PS 1-09. STAGGER SHEETS 48" O.C. AS SHOWN w/FACE GRAIN NORMAL TO FLOOR JOISTS. FASTEN PER SCHEDULES ALTERNATE TO 1-1/8" PLYWOOD 3/4" THICK × 4" WIDE × 8" LONG TONGUE AND GROOVE EDGES USG STRUCTO-CRETE HIGH STRENGTH REINFORCED CEMENTITIOUS FLOOR SHEATHING PANELS. ATTACH TO FLOOR JOIST w/#8-18 (0.164"#0) × 1-5/8" LONG BUGLE HEAD (0.36#) SDSTS COMPLYING WITH ASTM C954. REFER TO TYPICAL STRUCTO-CRETE FASTENCE LAYOUT PATTERN PLAN FOR SPACING (DETAIL 4/S3.0) PER ICC ESR-1792</li> <li>(5) PLATE 1/8"x 3 1/2"x6" ● 10'-0" O.C. MAX w/(8)#12-24x1" SHEET METAL SCREWS-SEE DETAIL 3/S3.0 ALTERNATE: 1/2" # X1 1/2" MB ● 10'-0" O.C. MAX AND 6" MAX FROM EACH END OF MODULE. BOLT # ± 1/6" MAX HOLE THRU CHANNELS-SEE DETAIL 3/S3.0</li> <li>(6) 3"x3"x14 GA. BLOCKING ANGLE PER DETAIL 5/S3.0 AT UNSUPPORTED PLYWOOD EDGES WHERE SPECIFIED IN THE FASTENING SCHEDULES ON WOOD FOUNDATION ONLY</li> <li>2 KEY NOTES</li> </ul>	<image/> <section-header><section-header><text><text><text><text><text></text></text></text></text></text></section-header></section-header>
<ol> <li>THE LONGITUDINAL FLOOR CHANNEL CONNECTIONS ARE NOMINAL AND ARE NOT REQUIRED STRUCTURALLY AT BUILDINGS ON CONCRETE FOUNDATIONS.</li> <li>THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL</li> </ol>	SITE SPECIFIC PROJECT NAME
THICKNESS SPECIFIED ON SHEET SO.O. THE MATERIAL GAGE DESIGNATION IN THE PLAN SHALL BE USED AS REFERENCE ONLY. 3. TEKS SCREWS PER ICC ESR-1976. ET&F PINS PER ANALYSIS REPORT DATED 10/6/14. IAPMO REPORT PENDING. (VALUES TAKEN AS 40% OF REFORT VALUE)	SHEET TITLE FLOOR FRAMING PLAN PLYWOOD OR STRUCTO-CRETE FLOOR
GENERAL NOTES	MANUFACTURER PROFESSIONAL OF RECORD ON PC
NG SCHEDULEEDGE**FIELDET&F 0.144 $\phi$ x2"ET&F 0.144 $\phi$ x2"POWER DRIVEN PINSPOWER DRIVEN PINS6" 0.C.12" 0.C.6" 0.C.12" 0.C.6" 0.C.12" 0.C.6" 0.C.12" 0.C.5PACED @ 48" 0.C.5/53.0	Man + CALIFORNIA Mo. SJ380 + CALIFO Mo. SJ380 + CALIFO MO. SJ380 
EDGE**FIELDET & C 11440x2"ET&F 0.1440x2"POWEN DRIVEN TINSPOWER DRIVEN PINS6" 0.C.12" 0.C.6"	PROJECT SPECIFIC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPL 0 1 - 11 5 7 0 5 ACSFLSSSSA DATEAPR 0 8 2016
SPACED © 48" O.C. FLOORS ON WOOD FOUNDATIONS	ORIGINAL PC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT CA. DEPT. OF GENERAL SERVICES PC 02-113876
EDGE       **FIELD         #12x2 1/4"       #12x2 1/4"         TEK SCREW       TEK SCREW         6" O.C.       12" O.C.         SES @ THE TWO END MODULES PER DETAIL 5/S3.0         SPACED @ 48" O.C.	ACFLSSSEPP DATEGZZJJJ PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED REVISIONS
SPACING SCHEPOLE EDGE **FIELD #1212 D4" #12x2 1/4" TK SCREW TEK SCREW 6" O.C. 12" O.C. 6" O.C. 12" O.C. 6" O.C. 12" O.C. 5" O.C. 12" O.C. 6" O.C. 12" O.C. 6" O.C. 12" O.C. 6" O.C. 12" O.C. 6" O.C. 12" O.C.	Image: Astronomy of the second sec
EDULE @ FLOORS ON WOOD FOUNDATIONS	S3.0

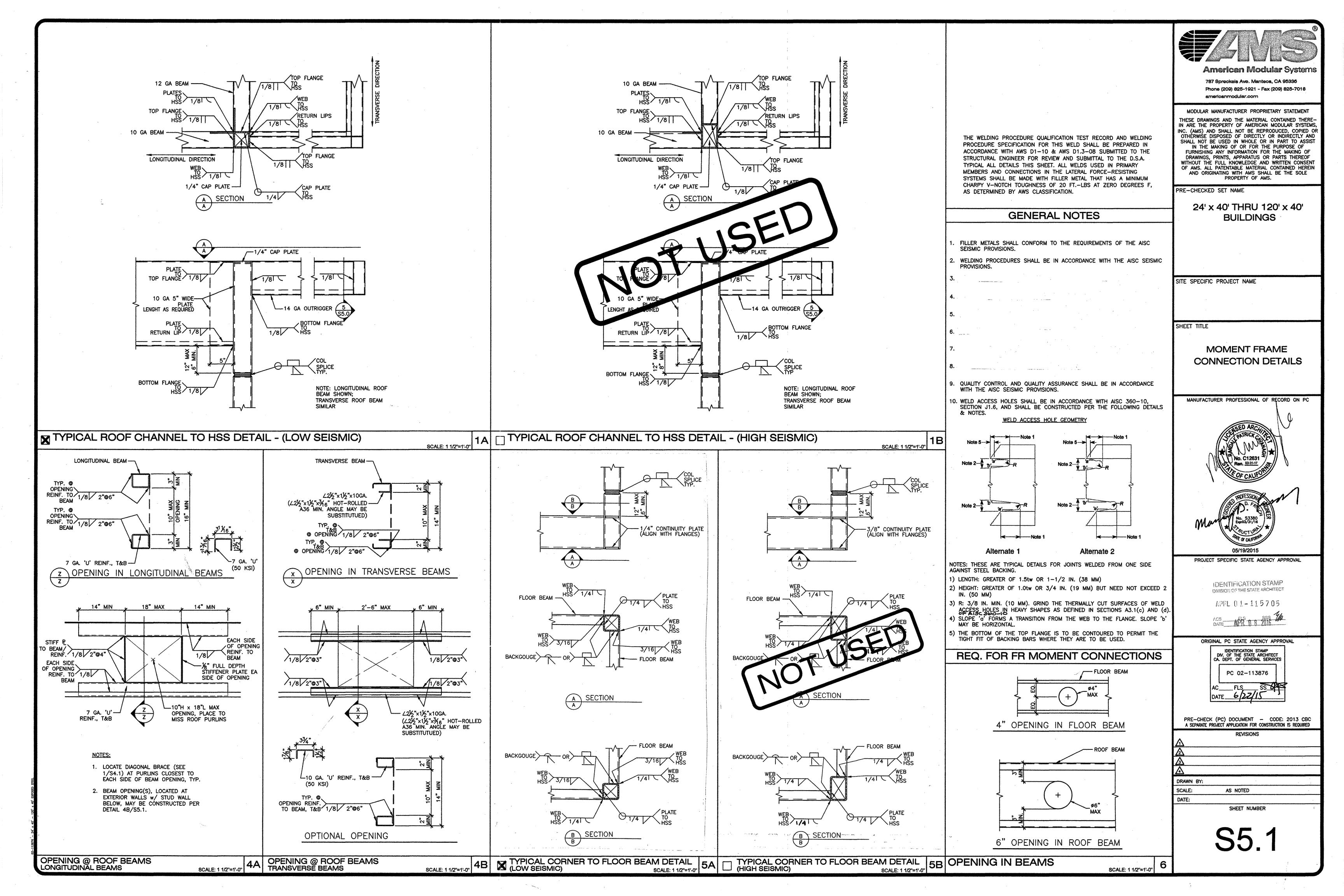


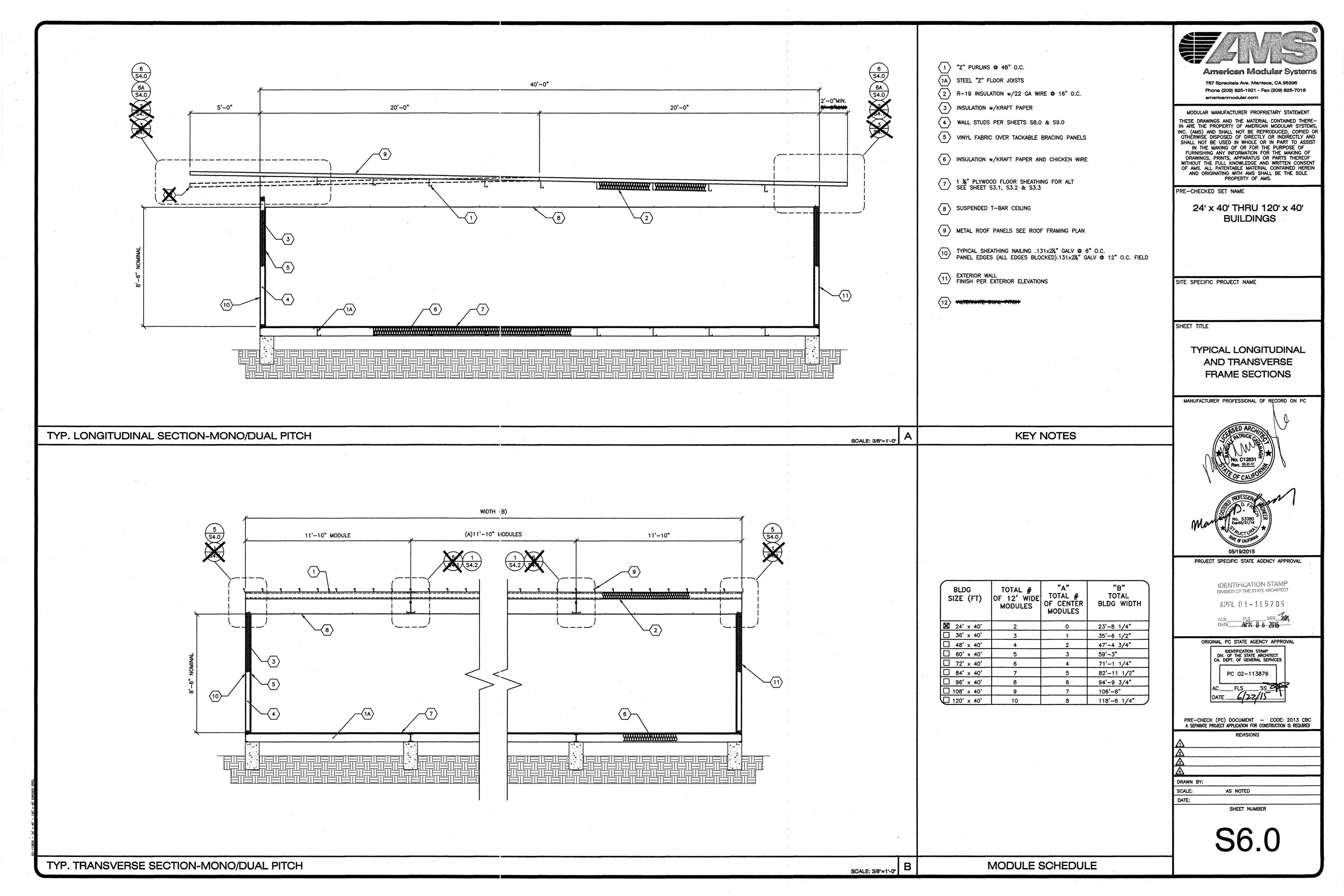


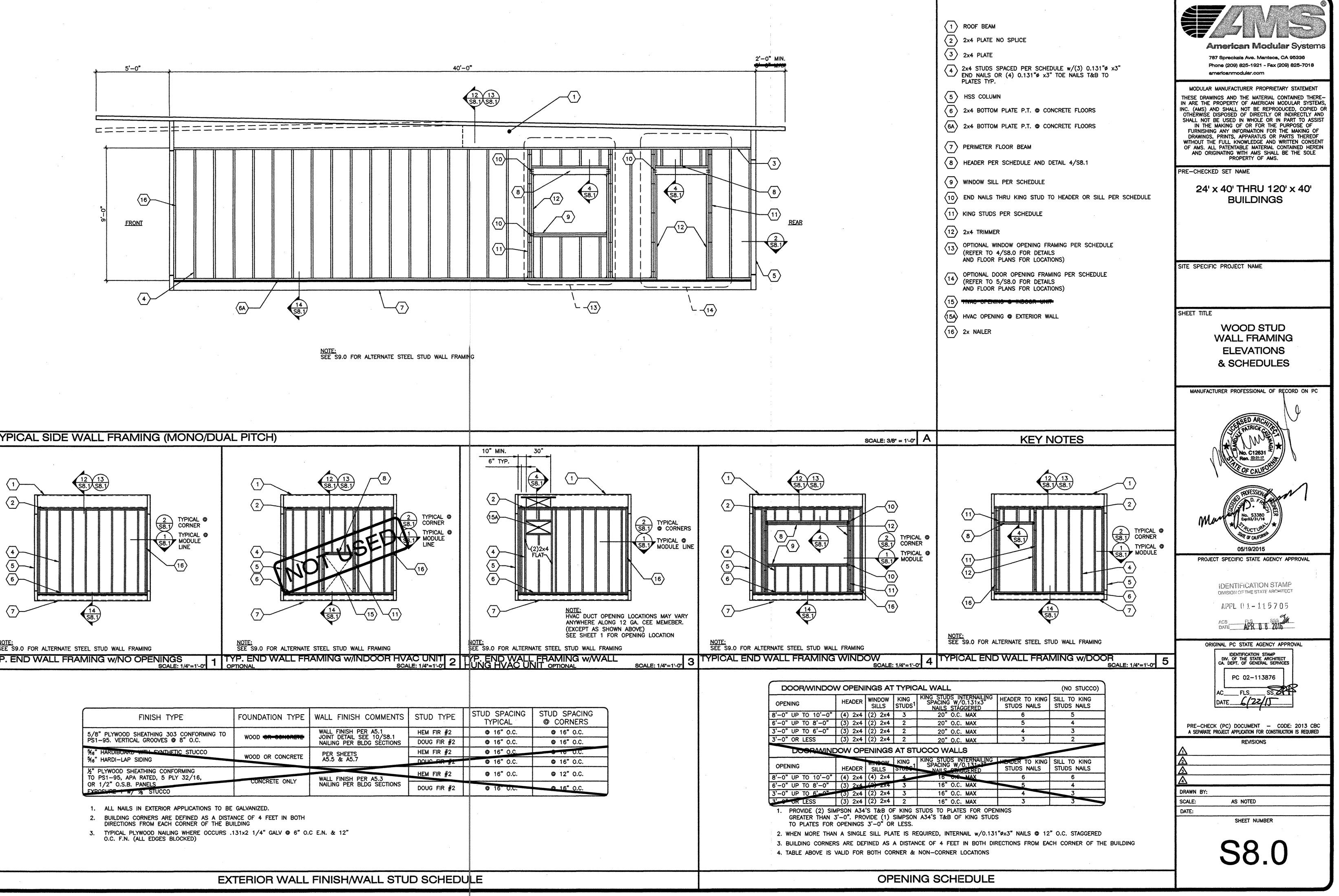
STE SPECIAL PROJECT NAME      STE SPECIAL PROJECT NAME      STELE DETAIL      STELE      STEL      STELE      STELE      STELE      STELE      STEL      STELE      STEL      STELE      STELE      STELE      STELE      STELE      STE	ASPHALT NOMINAL WEIGHT 170'F, TYP.E II, FLAT 46 LBS. 190'F, TYP.E IV, SPECIAL STEEP 46 LBS. PERMAMOP 46 LBS.	787 Spreckels Ave. Manteca, CA 95336 Phone (209) 825-1921 - Fax (209) 825-7018 americanmodular.com MODULAR MANUFACTURER PROPRIETARY STATEMENT THESE DRAWINGS AND THE MATERIAL CONTAINED THERE- IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, NC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS. PRE-CHECKED SET NAME
BOULE: 1 12-10 BOOLE: 1 12-10	) $ \frac{10^{n}}{10^{n}} + + + + + + + + + + + + + + + + + + $	SHEET TITLE
10       NOT USED       11         11       NOT USED       11         11       NOT USED       11         11       NOT USED       11         12       NOT USED       11         13       THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIAUM BASE METAL THICKNESS SPECIFIED ON SHEET SOLUTION STALL BE USED AS REFERENCE ONLY.       ORGINAL PC STATE AGENCY APPROVAL         14       DEMONSTRUCTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIAUM BASE METAL THICKNESS SPECIFIED ON SHEET SOLUTION SHALL BE USED AS REFERENCE ONLY.       PRE-OHECK (PO) DOCUMENT CODE: 2013 GEC A STRUCTURAL APPROVAL         14       REVISIONS MEANING FRICTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIAUM BASE METAL THICKNESS SPECIFIED ON SHEET SOLUTION STALL BE USED AS REFERENCE ONLY.       PRE-OHECK (PO) DOCUMENT CODE: 2013 GEC A STRUCTURAL APPROVAL REVISIONS A         15       REVISIONS       REVISIONS A       A         16       DRAWN BY: SHALL BE USED AS REFERENCE ONLY.       SHALL BE USED AS REFERENCE ONLY.       REVISIONS A         16       DRAWN BY: SHALL BE USED AS REFERENCE ONLY.       SHALL BE USED AS REFERENCE ONLY.       SHALL BE USED AS REFERENCE ONLY.	5	MANUFACTURER PROFESSIONAL OF RECORD ON PC
10       NOT USED       11         11       Intermediation of the state action of		DENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT
SHALL BE USED AS REFERENCE ONLY.	1. THE MATERIAL THICKNESS OF LIGHT GAUGE STRUCTURAL MEMBERS, IN THEIR END-USE, SHALL MEET OR EXCEED THE MINIMUM BASE METAL THICKNESS SPECIFIED ON SHEET	ORIGINAL PC STATE AGENCY APPROVAL DENTIFICATION STAMP DIV. OF THE STATE ARCHITECT CA. DEPT. OF GENERAL SERVICES PC 02-113876 ACFLSSSERVICES DATE DATE PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
15 GENERAL NOTES		REVISIONS
	15 GENERAL NOTES	

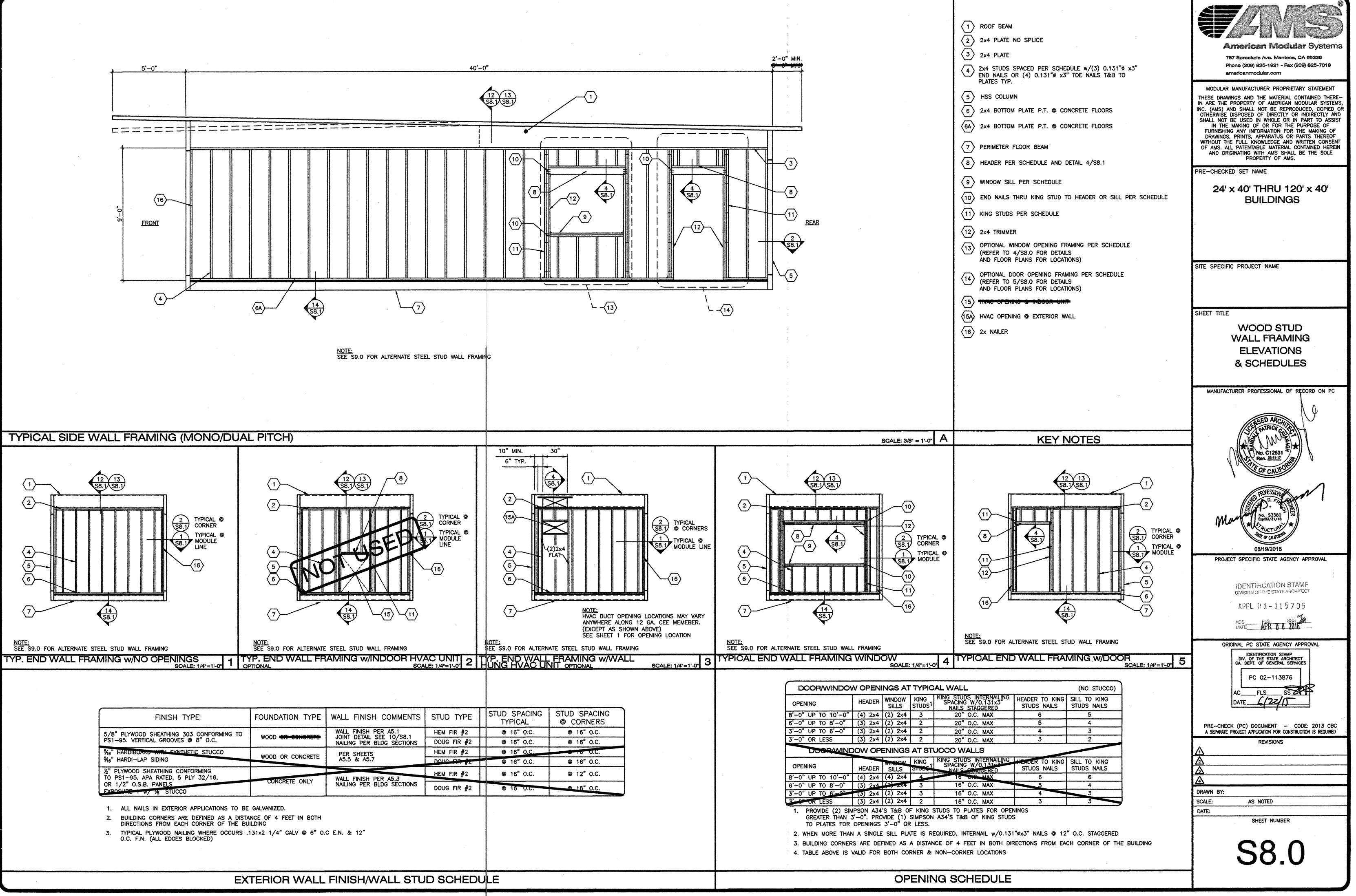


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	2	FLOOR BEAM - SEE	SCHEDULES BELO	N			
	<u> </u>	ONGITUDINAL ROOF	JBLE SLOPE TYPE	EDULES BELOW			Amorican Modular Systems
		4"-22" © SINGLE S RANSVERSE ROOF B	SLOPE TYPE	DULES BELOW			787 Spreckels Ave. Manteca, CA 95336 Phone (209) 825-1921 - Fax (209) 825-7018
		4" MIN. 22" MAX 6" Ø MAX OPENING I					americanmodular.com
		VITHOUT WEB REINFO SPACING OF HOLES ( DCCUR @ ANY LOCAT	PRCEMENT MINIMUM 9 48" O.C. HOLES	MAY			MODULAR MANUFACTURER PROPRIETARY STATEMENT THESE DRAWINGS AND THE MATERIAL CONTAINED THERE- IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS,
	F	ROOF BEAM EXCEPT ON FRAMING ELEVATION NOTE: IF HOLE IS 3"	AS NOTED OTHERW DN SEE 6/S5.1	/ISE			INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST
		SPACED @ 24" O.C.					IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF
	UN 1	* Ø MAX OPENING I VITHOUT WEB REINFO SPACING OF HOLES (	RCEMENT MINIMUM		,		WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.
	(	DCCUR © ANY LOCAT DF FLOOR BEAM WITH	TION ALONG LENGT	Н		ŀ	PRE-CHECKED SET NAME
	ŀ	SUPPORT BELLOW. OI ALLOWED WHERE BEA BETWEEN FOUNDATION	MS ARE SPANNING				24' x 40' THRU 120' x 40'
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		SPACED @ 24" MININ	IUM HANNEL AT OPTION				
		ENCLOSED OVERHANG REFER TO DETAIL 1A S5.0 FOR PROPERTIE	•				
	$\sim$	NOT USED	• .				SITE SPECIFIC PROJECT NAME
		ONGITUDINAL BEAM		REINFORCEMENT			
	r (	10"x18" MAX OPENII	NG SIZE)				
		RANSVERSE BEAM O		REINFORCEMENT			SHEET TITLE
	(	10"x30" MAX OPENIN	NG SIZE)				MOMENT FRAME
							ELEVATIONS & DETAILS
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<del></del>	FLOOR	COLOWING	ROOF CHANNEL	ROOF CHANNEL			SATE OF CALIFORNIA
<del></del>	<del>x13.3</del>	HSS 4x4x5/16	10GA	12GA			05/19/2015 PROJECT SPECIFIC STATE AGENCY APPROVAL
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		NOTE: SEE ALL SEC	CTION PROPERTIES	ON SHEET SO.0			IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT
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EAMS		COLUMNS	LONGITUDINAL ROOF CHANNEL	TRANSVERSE ROOF CHANNEL			PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
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C10	x15.3	(SEE ORIENTATION BELOW)	10GA	10GA		ŀ	$\Delta$
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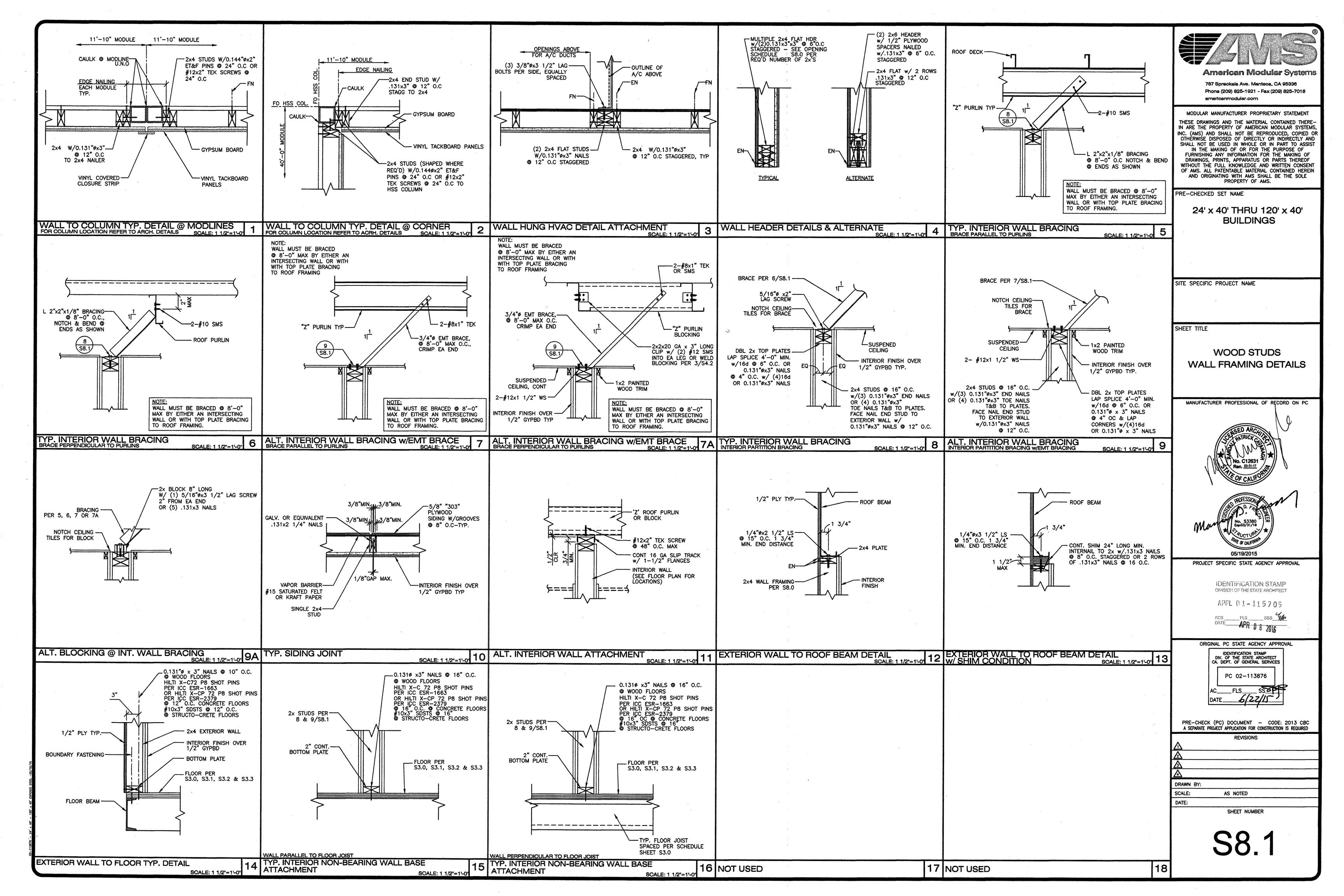


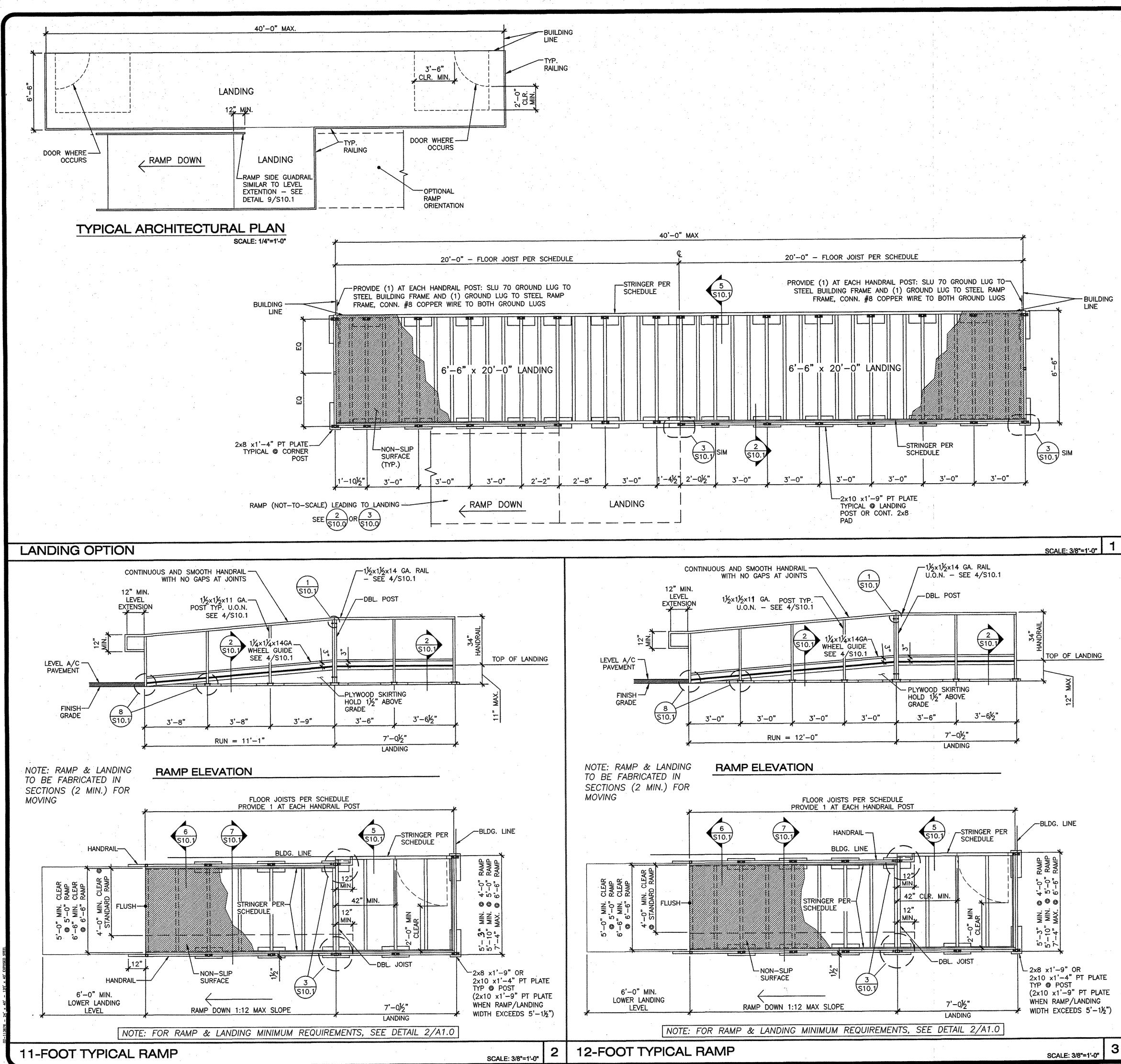






FINISH TYPE	FOUNDATION TYPE	WALL FINISH COMMENTS	STUD
5/8" PLYWOOD SHEATHING 303 CONFORMING TO	WOOD OR OCHORETE	WALL FINISH PER A5.1 JOINT DETAIL SEE 10/S8.1	HEM FI
PS1-95. VERTICAL GROOVES @ 8" O.C.	WOOD ON CONTRACT	NAILING PER BLDG SECTIONS	DOUG I
%" HARDIBUARD WITH SYNTHETIC STUCCO	WOOD OR CONCRETE	PER SHEETS	HEM FI
5/6" HARDI-LAP SIDING	WOOD OR CONCRETE	A5.5 & A5.7	DOUC
½" PLYWOOD SHEATHING CONFORMING TO PS1-95, APA RATED, 5 PLY 32/16,		WALL FINISH PER A5.3	HEM FI
OR 1/2" O.S.B. PANELS	CONCRETE ONLY	NAILING PER BLDG SECTIONS	DOUG I
EXPOSURE 1 W/ 18 STUCCO		L	L





# 1. ENTRY RAMP AND LANDING SPECIFICATIONS

EACH BUILDING SHALL HAVE A RAMP AND LANDING TO CONFORM TO TITLE 24 C.C.R. SECTIONS 11B-405, 1010 AND 1012. THE RAMP AND LANDING STRUCTURES INCLUDING HANDRAILS AND WHEEL GUIDE RAILS ARE TO BE PREFABRICATED METAL IN SECTIONS THAT ARE DEMOUNTABLE FOR MOVING AND REINSTALLATION AT A NEW SITE. HANDRAILS AND WHEEL GUIDE RAILS SHALL BE CONTINUOUS AND SMOOTH WITH NO GAPS AT JOINTS. DESIGN SHALL BE SUCH THAT HEIGHT ADJUSTMENT CAN BE MADE AT THE INSTALLATION SITE. THE RAMP AND LANDING SURFACE SHALL BE 3/4" MARINE GRADE PLYWOOD OR 11GA SHEET METAL. RAMP AND LANDING SHALL HAVE A NON-SLIP SURFACE FINISH APPLIED. NON-SLIP FINISH SHALL BE AMCOE GRIP II MANUFACTURED BY AMERICAN ABRASIVE METALS OR COMPARABLE. ALL RAMP SURFACES SHALL BE PAINTED AS INDICATED IN SECTION 9B ON SHEET N1.0. RAMPS SHALL HAVE HANDRAILS ON BOTH SIDES. WALL MOUNTED HANDRAILS SHALL BE OF SIMILAR CONSTRUCTION TO THE INTEGRAL RAMP HANDRAIL. RAMP AND LANDING SHALL BE FULLY SKIRTED WITH THE SAME MATERIAL USED FOR BUILDING SKIRT. SIDES OF RAMP AND LANDING THAT DO NOT ADJOIN BUILDING WALL SHALL BE SKIRTED. ALL EDGES OF THE PLYWOOD SKIRT SHALL BE SUPPORTED AND PROTECTED FROM WEATHER. FOUNDATION MEMBERS SHALL BE AS FOR BUILDING FOUNDATION. ONLY THE FOUNDATION PAD RESTING ON GRADE MAY EXTEND BEYOND THE OUTSIDE FACE OF THE SKIRT 1" MAXIMUM.

## 2. FLOOR DECKING

3/4" MARINE EXTERIOR A.P.A. 48/24 PLYWOOD W/ NON-SLIP SURFACE. DECK SURFACES SHALL BE SEALED ON ALL SIDES. FASTENED TO STEEL FRAMING WITH #10 SELF DRILLING BUGLE HEAD GALV. SCREWS OR 0.144" $\phi$ x1<sup>1</sup>/<sub>2</sub>" MIN. GALV SHOT PINS @ 6" O.C. EDGES AND 12" O.C. FIELD, TYP.

#### 3. ALT. FLOOR DECKING

11 GA. SHEET METAL WITH NON-SLIP SURFACE (0.8 MIN COEFFICIENT OF FRICTION) ATTACHED TO STEEL FRAMING WITH #12x1" STS @ 6" O.C. E.N. & 12" O.C. F.N. MATERIAL STRENGTH SHALL BE 36 KSI MIN. w/ A MODULUS OF ELASTICITY OF 29,500 KSI ± 3%. ACCEPTABLE STEEL MATERIALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

ASTM A1011 SS GRADE 36 (Fy=36 KSI) ASTM A653 SS GRADE 37 (Fy=37 KSI) ASTM A1008 SS GRADE 40 (Fy=40 KSI)

## 4. GROUNDING OF BUILDING COMPONENT

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NECESSARY CONNECTORS TO GROUND THE METAL PORTIONS OF THE BUILDING (I.E. FRAME, RAMP, ETC.) GROUNDING ROD, WIRES AND TESTING SHALL BE PROVIDED BY OTHER AND MEET THE REQUIREMENTS OF I.R. E-1 ISSUED BY D.S.A.

## 5. RAMP SLOPE

RAMPS SHALL NOT SLOPE MORE THAN 1" RISE OVER A 12" RUN (1:12). CROSS SLOPE SHALL NOT EXCEED 1:48.

### 6. HANDRAILS

HANDRAILS SHALL BE INSTALLED ON BOTH SIDES OF RAMP AT 34" HIGH MAX.

## 7. RAMP PLANNING

DUE TO VARYING SITE CONDITIONS, THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 24", THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 24'-0" LONG AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY AMS, INC. IS 12'-0" LONG AT A SLOPE OF 1:12, THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE SUFFICIENT DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS AMS, INC. RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET.

#### 8. LANDINGS

OVERALL LENGTH OF A LANDING MAY VARY FROM 60" UP TO 40'-0". LENGTH MUST CONFORM TO APPROVED LANDING. SLOPE LANDING NOT TO EXCEED 1:48 TO PREVENT WATER PONDING.

## 9. FASTENERS

ALL EXTERIOR USE FASTENERS SHALL BE GALVANIZED OR STAINLESS STEEL.

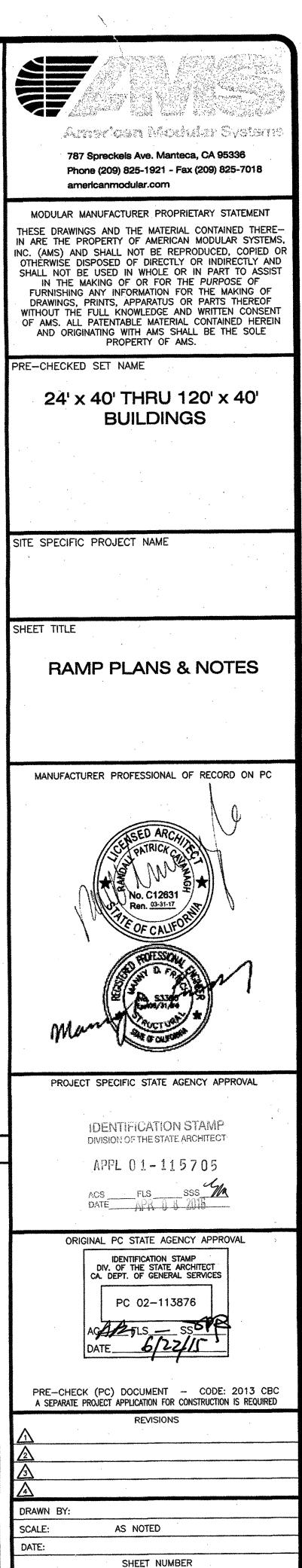
# **GENERAL NOTES**

STRINGER SCHEDULE <sup>(1)</sup>										
RAMP/LANDING	MAX	STRINGER SPANS (FT	r) ·							
WIDTH	3'-0"	3'-6"	3'-9"							
4'-0"	2x2x14GA	2x2x14GA	2x2x14GA							
5'-0"	2x2x14GA	2x2x14GA	2x2x14GA							
$5'-1^{1/2}$ "	2x2x14GA	2x2x14GA	2x2x14GA							
5'-10"	2x2x14GA	2x2x14GA	2x2x11GA							
6'-6"	2x2x14GA	2x2x14GA	2x2x11GA							
7'-4"	2x2x14GA	2x2x11GA	2x2x11GA							

(1) SEE 4/S10.1 FOR LIGHT GAUGE STEEL TUBE PROPERTIES, SIZES INDICATED ARE MINIMUN. THICKER TUBES MAY BE USED. HSS 2x2x1/8 OR LARGER PER 11/S10.1 MAY BE SUBSTITUTED FOR LIGHT GAUGE TUBES.

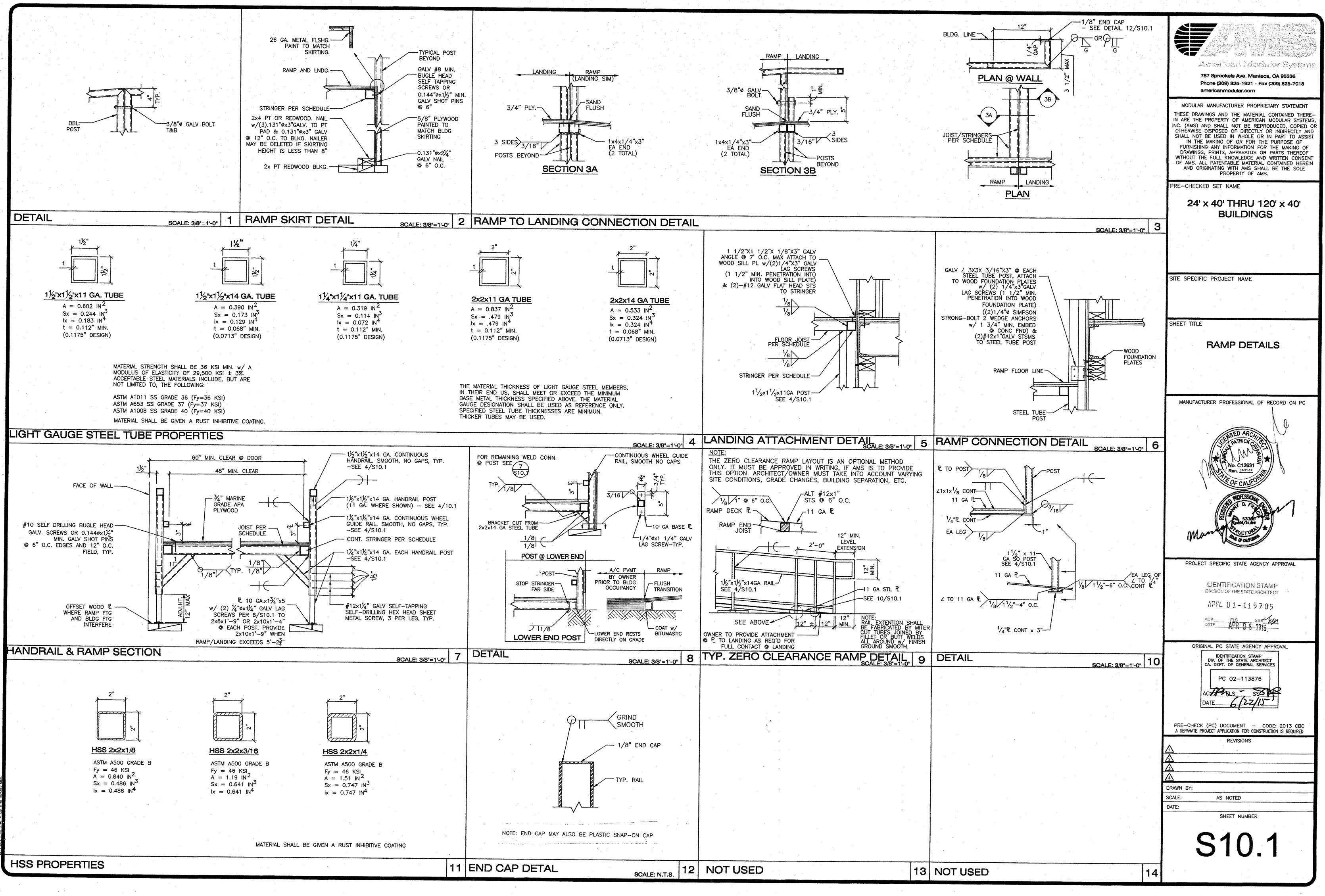
	JOIST SCHEDULE <sup>(1)</sup>													
RAMP/		MAX JOIST SPACING												
LANDING	2x2x	14GA	2x2x	2x2x11GA		x2x1/8	HSS 2x	2x3/16	HSS 2x2x1/4					
WIDTH	DEC	KING	DEC	KING	DECKING		DECKING		DECKING					
	PLY	11GA	PLY	11GA	PLY	11GA	PLY	11GA	PLY	11GA				
4'-0"	28"	24"	30"	24"	30"	24"	30"	24"	30"	24"				
5'-0"	14" 14"		21"	21"	21"	21"	28"	24"	30"	24"				
$5'-1^{1/2}$ "	14"	14"	21"	21"	21"	21"	28"	24"	30"	24"				
5'-10"	10"	10"	15"	15"	15"	15"	19"	19"	23"	23"				
6'-6"	6"	6"	9"	9"	9"	9"	12"	12"	14"	14"				
7'-4" 5" 5" 7" 7" 7" 7" 9" 9" 11" 11"														
(1) SEE 4/S	1) SEE 4/S10.1 FOR LIGHT GAUGE STEEL TUBE PROPERTIES, AND 11/S10.1													

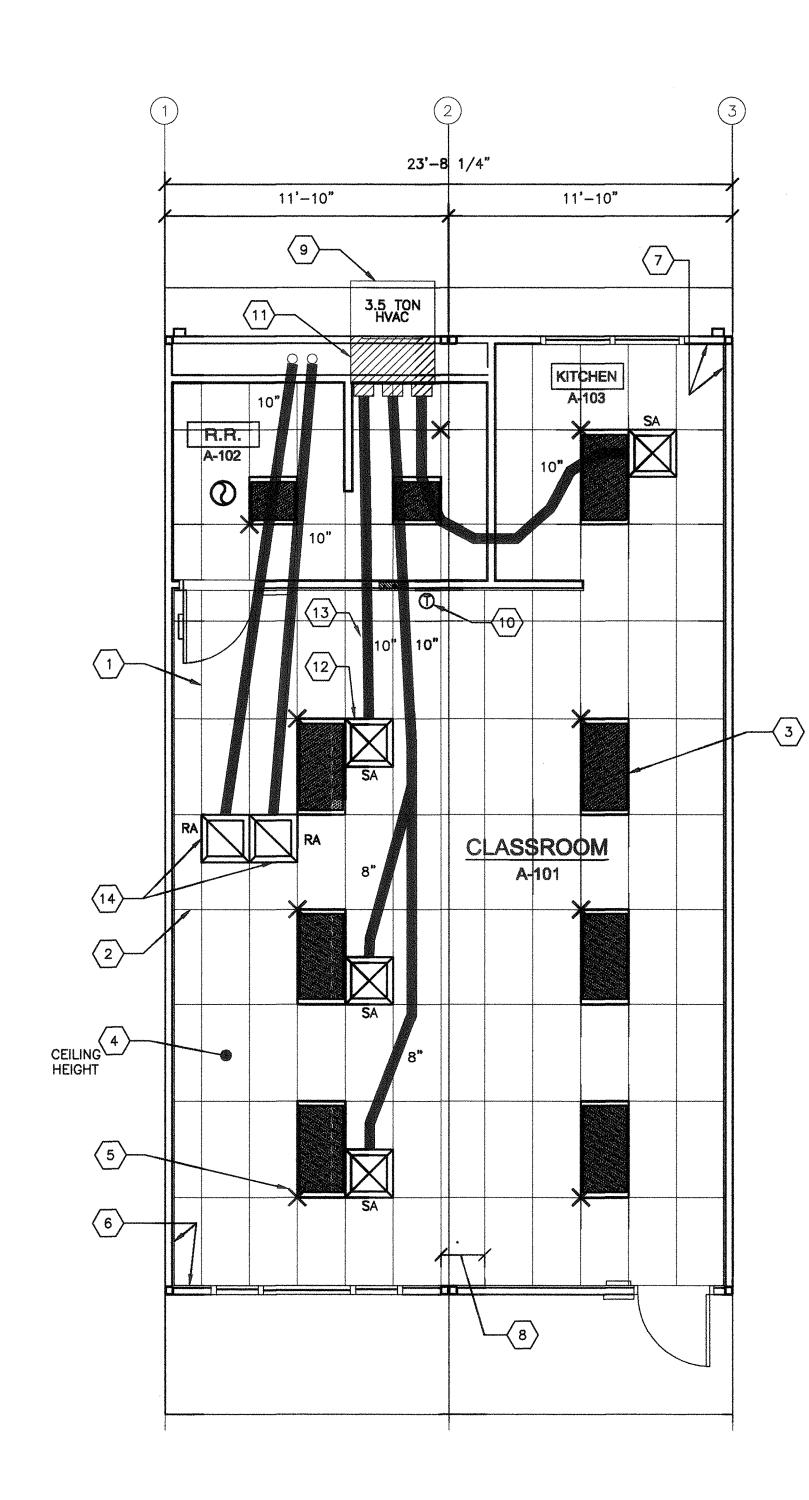
FOR HSS PROPERTIES



S10.0

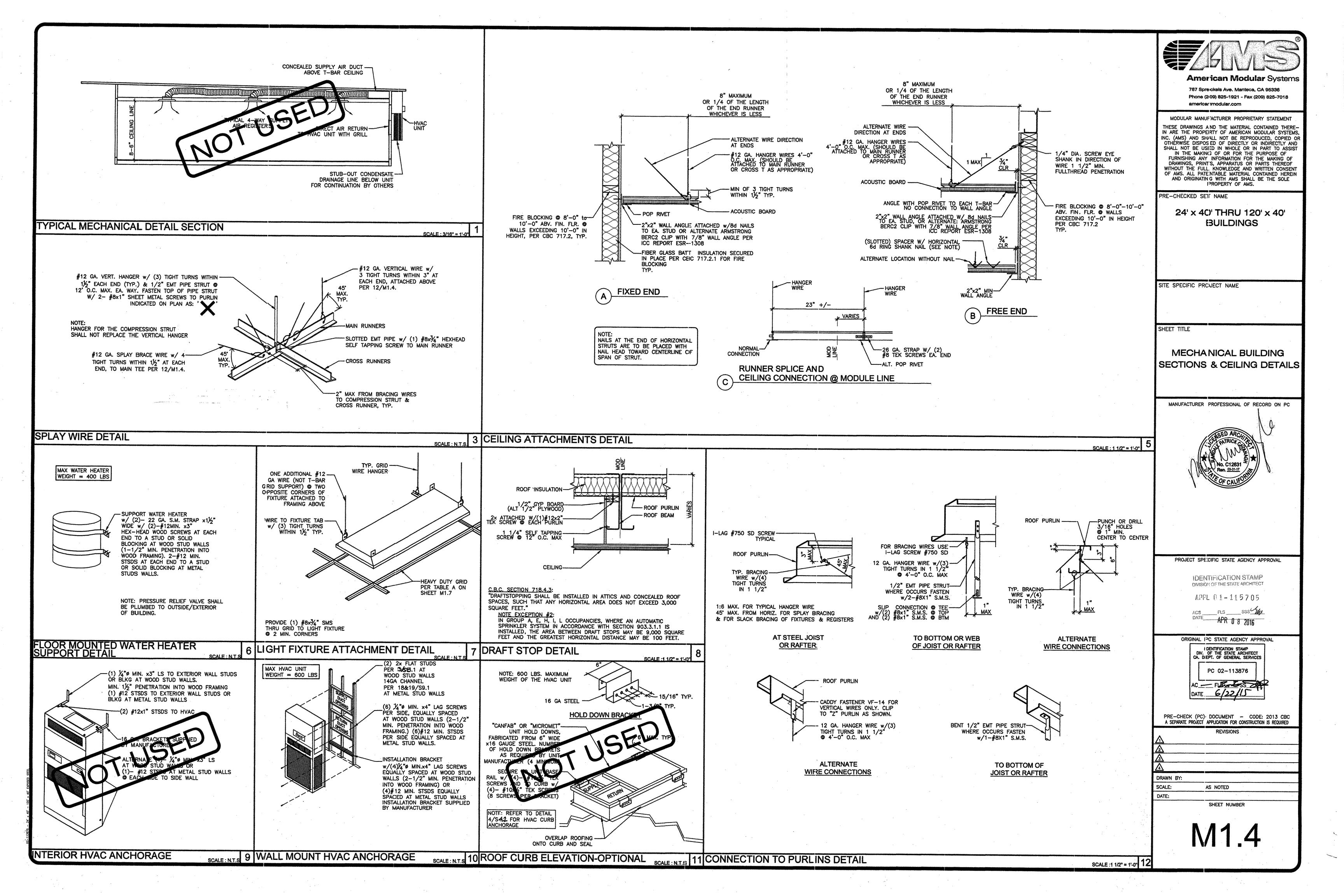
# **RAMP/LANDING MEMBER SCHEDULE**

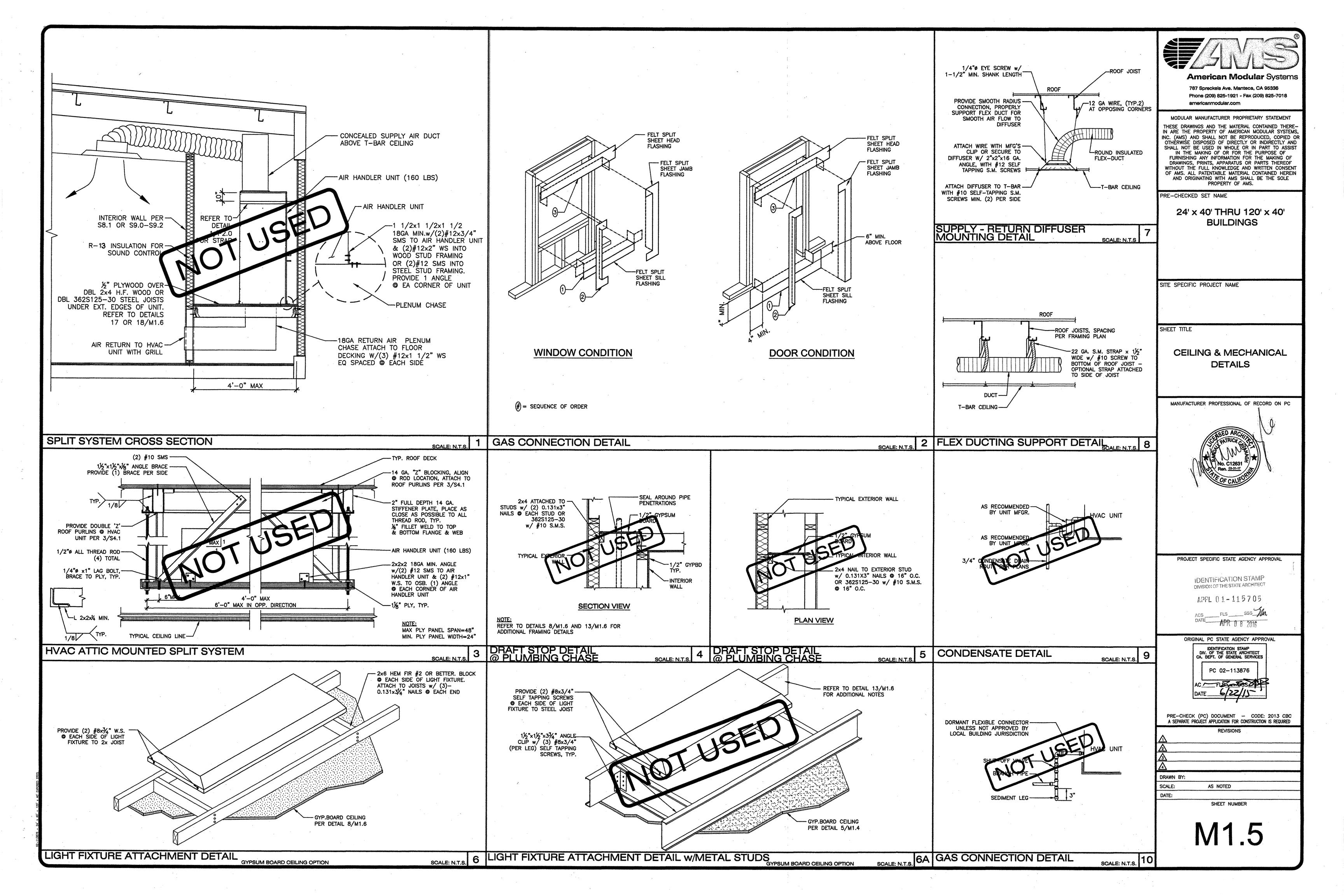


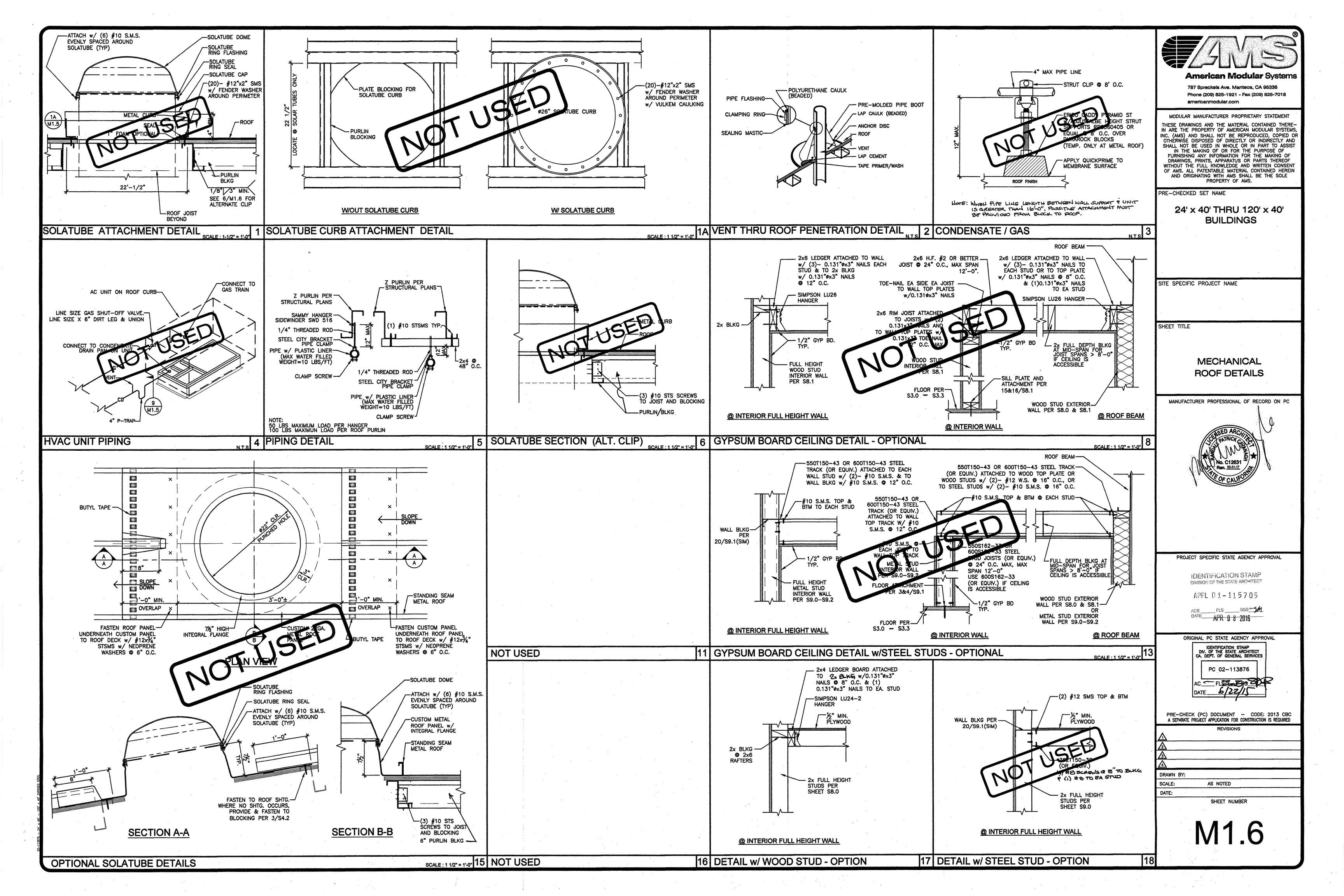


SCALE: 3/16" = 1'-0"

<ul> <li>MAIN RUNNER TYP.</li> <li>CROSS RUNNER TYP.</li> <li>INTERIOR LIGHT FIXTURE REFER TO SHEET SHEET E1.0 FOR SPEC'S</li> <li>CEILING HEIGHT © 8'-6" NOMINAL</li> <li>SPLAY WIRE SEE 3/M1.4 FOR DETAILS</li> <li>FIXED CEILING END</li> <li>FREE CEILING END</li> <li>CENTER SECTION THAT CROSSES MODULE LINE TO BE FIELD INSTALLED</li> <li>HVAC</li> <li>THERMOSTAT</li> <li>CONCEALED SUPPLY AIR DUCT ABOVE T-BAR CEILING</li> <li>TYPICAL 4-WAY SUPPLY AIR REGISTER LOCATION AND SIZE MAY VARY PER CEILING LAYOUT AND BUILDING SIZE</li> <li>FLEX DUCT - NOMINAL 10" MIN. (MAY VARY)</li> </ul>	<section-header><section-header><text><text><text><text><text></text></text></text></text></text></section-header></section-header>
(14) RETURN AIR AS PART OF UNIT	
<ol> <li>WHERE TWO OR MORE HVAC UNITS SERVE A COMMON SPACE, UNITS SHALL BE EQUIPPED WITH A DUCT SMOKE DETECTOR FOR AUTO SHUTDOWN. INTERCONNECT WITH FIRE ALARM SYSTEM</li> <li>AUTOMATIC SHUT-OFF IS NOT REQUIRED WHEN ALL OCCUPIED ROOMS SERVED BY THE AIR HANDLING EQUIPMENT HAVE DIRECT ACCESS TO THE EXTERIOR AND THE TRAVEL DISTANCE DOES NOT EXCEEDS 100 FT. PER CMC 609 EXEPTION #2</li> <li>LIGHTING FIXTURE MAY BE INSTALLED ROTATED 90' FROM SHOWN TO MATCH T-GRID.</li> </ol>	SITE SPECIFIC PROJECT NAME SANTA CLARA COUNTY OF EDUCATION SANTA TERESA ELEMENTARY SHEET TITLE TYPICAL REFLECTED CEILING PLAN
<ul> <li>MEP COMPONENT ANCHORAGE NOTE</li> <li>ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 161A.1.18 THROUGH 161A.1.26 AND ASCE 7-10 CHAPTER 13, 26, AND 30.</li> <li>1. ALL PERMANENT EQUIPMENT AND COMPONENTS.</li> <li>2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.</li> <li>3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.</li> <li>THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.</li> </ul>	MANUFACTURER PROFESSIONAL OF RECORD ON PC
<ul> <li>A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND THAT HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.</li> <li>B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FORM A WALL.</li> <li>FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.</li> </ul>	PROJECT SPECIFIC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPL 0 1 - 11 5 7 0 5 ACSFLSSSS DATEAPR 0 8 - 2015
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6, AND 2013 CBC, SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26. THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPM#). COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.	BASED ON PC# 02-113876 PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED REVISIONS A DRAWN BY: AB SCALE: AS NOTED DATE: 10/12/15 SHEET NUMBER
GENERAL NOTES	M1.0







- CEILING GRID SYSTEMS IN SEISMIC ZONES D, E, F, MUST BE RATED "HEAVY DUTY", AS DEFINED BY ASTM C635. PROVIDE GRID COMPONENTS AS SPECIFIED IN TABLE A BELOW, OR APPROVED EQUAL. GRID METAL FRAMING PIECES SHALL BE DESIGNED TO CARRY A MEAN ULTIMATE TEST LOAD OF NOT LESS THAN 180 LBS. IN COMPRESSION AND TENSION, PER ASTM E580.
- 2. SUSPENSION WIRE SHALL BE CLASS 1 ZINC-COATED (GALVANIZED) CARBON STEEL CONFORMING TO ASTM A641. WIRE SHALL BE #12 GAGE WITH SOFT TEMPER AND A MINIMUM TENSILE STRENGTH OF 70 KSI.
- WHEN HANGER AND BRACING WIRES ARE ATTACHED TO CONCRETE ABOVE, TESTS PER D.S.A. IR 25-2.13 SECTION 6.8 MUST BE PERFORMED. POWER ACTUATED FASTENERS IN CONCRETE ARE NOT ALLOWED FOR BRACING WIRE.
- 12 GA. (MINIMUM) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" x 4'-0 GRID SPACING, ATTACH TO MAIN RUNNER. SPLICES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY D.S.A.
- PROVIDE 12 GA. HANGER WIRES WITHIN 8" OF THE ENDS OF ALL MAIN AND CROSS RUNNERS OR AT 1/4 OF THE LENGTH OF THE END TEE. WHICHEVER IS LESS. AT THE PERIMETER OF THE CEILING AREA.
- PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAINTAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1:6 OUT OF PLUMB ARE TO HAVE COUNTER-BRACED WIRES.
- CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 3/4 INCH CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE AND A MINIMUM OF 3/4 INCH CLEAR OF WALL.
- PERIMETER SUPPORT ANGLES SHALL BE AT LEAST 2 INCHES WIDE, OR USE PROPRIETARY ANGLES & SEISMIC CLIPS THAT HAVE A VALID EVALUATION REPORT.
- 9. AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNERS MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNERS IS 8" OR LESS. THIS INTERLOCK IS NOT REQUIRED.
- 10. CEILING AREAS EXCEEDING 2.500 SQUARE FEET SHALL HAVE A SEISMIC SEPARATION JOINT.
- 11. EXPANSION JOINTS SHALL BE PROVIDED AT INTERSECTIONS OF CORRIDORS, LOBBIES AND OTHER SIMILAR AREAS.
- 12. PENETRATIONS THROUGH THE CEILING, SUCH AS FIRE SPRINKLERS, SHALL HAVE A 2 INCH OVERSIZED RING, SLEEVE OR ADAPTER TO ALLOW FREE MOVEMENT INDEPENDENT OF THE CEILING. ALTERNATE: A FLEXIBLE SPRINKLER FITTING THAT ALLOWS 1 INCH OF MOVEMENT CAN BE USED.
- 13. LATERAL FORCE BRACING IS REQUIRED FOR ALL CEILINGS, EXCEPT CEILING AREAS OF 144 SQUARE FEET OR LESS WITH PERIMETER WALLS THAT ARE DESIGNED TO CARRY THE CEILING LATERAL FORCES. SPACING OF BRACING ASSEMBLIES MUST BE SHOWN ON THE PLANS.
- 14. LATERAL FORCE BRACING CONSISTS OF A SET OF 1 COMPRESSION STRUT AND FOUR #12 GA. SPLAYED BRACING WIRES, ORIENTED 90 DEGREES FROM EACH OTHER AT THE FOLLOWING SPACING: (A) FOR SCHOOL BUILDINGS, PLACE SETS OF SPLAY WIRES AT A SPACING NOT MORE THAN 8' FEET BY
  - 12 FEET ON CENTER. (B) PROVIDE SPLAY WIRES AT LOCATIONS NOT MORE THAN 1/2 THE ABOVE SPACING FROM EACH PERIMETER WALL OR AT THE EDGE OF VERTICAL CEILING OFFSETS. THE SLOPE OF THESE WIRES SHOULD NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT PERMITTED WITHOUT SPECIAL D.S.A. APPROVAL.
- 15. COMPRESSION STRUTS SHALL BE ABLE TO RESIST THE VERTICAL PULL INDUCED BY BRACING WIRES, AND SHALL NOT BE MORE THAN 1:6 OUT OF PLUMB.
- 16. FASTEN HANGER WIRES WITH NOT LESS THAN 3 TIGHT TURNS WITHIN A DISTANCE OF 3 INCHES. FASTEN SPLAY WIRES WITH 4 TIGHT TURNS WITHIN A DISTANCE OF 1-1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.
- 17. SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS. PIPES, CONDUIT ETC.
- 18. ATTACH ALL LIGHT FIXTURES AND AIR TERMINALS TO THE CEILING GRID RUNNERS WITH SCREWS OR APPROVED FASTENERS AS REQUIRED TO RESIST A HORIZONTAL FORCE EQUAL TO THE FIXTURES' WEIGHT. MINIMUM OF TWO ATTACHMENTS ARE REQUIRED AT FACH LIGHT FIXTURE.
- 19. FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS WEIGHING LESS THAN 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM, BUT THEY MUST HAVE A MINIMUM OF TWO #12 GA. SLACK SAFETY WIRES ATTACHED AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. FIXTURES WEIGHING LESS THAN 10 POUNDS MAY HAVE AT LEAST ONE #12 GA. SLACK SAFETY WIRE.
- 20. LIGHT FIXTURES AND OTHER CEILING DEVICES WEIGHING MORE THAN 56 POUNDS SHALL BE INDEPENDENTLY SUPPORTED BY NO LESS THAN FOUR (4) TAUT #12 GAGE WIRES. ATTACHED TO THE STRUCTURE ABOVE. WIRES MUST BE ABLE TO SUPPORT FOUR (4) TIMES THE WEIGHT OF THE UNIT.
- 21. ALL LIGHT-WEIGHT MISCELLANEOUS DEVICES, SUCH AS STROBE LIGHTS, SPEAKERS, ETC., SHALL BE ATTACHED TO THE CEILING GRID PER SECTION 7.3.1 OF D.S.A. IR 25-2.13. IN ADDITION. DEVICES WEIGHING MORE THAN 10 LBS SHALL HAVE A #12 SLACK SAFETY WIRE ANCHORED TO THE STRUCTURE ABOVE PER SECTION 7.2.2 OF D.S.A. IR 25-2.13. DEVICES WEIGHING MORE THAN 20 LBS. SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE PER SECTION 7.3.4 OF D.S.A. IR 25-2.13.
- 22. PANELS THAT WEIGH MORE THAN 0.5 LBS/SQ.FT. (PSF), OTHER THAN MINERAL FIBER ACOUSTIC TILES, SHALL BE POSITIVELY ATTACHED TO CEILING SUSPENSION RUNNERS.
- 23. ACOUSTICAL PANELS SHALL BE 5/8" MINIMUM THICK, MINERAL FIBERBOARD OR VINYL-FACED FIBERGLASS, LAY-IN PANELS, SQUARE EDGE, ASTM FLAME SPREAD CLASS T, 24"x48" MODULAR SIZE, LIGHT REFLECTION 75% MINIMUM, NOISE REDUCTION COEFFICIENT OF 0.65 MINIMUM, MAXIMUM SMOKE DENSITY NOT TO EXCEED 450. FLAME SPREAD RATING MAXIMUM OF 200. PANELS ARE NOT ALLOWED TO SUPPORT ANY FIXTURE. TERMINAL OR DEVICE.

	TABLE A - HEAVY DUTY GRID COMPONENTS										
MANUFACTURER	MAIN TEE	H.D. 4' CROSS TEE	H.D. 2' CROSS TEE	RUNNER SPLICE DETAIL							
DONN/USG	DX-26	DX-424	DX-216	N/A							
ARMSTRONG	7301	XL7341	XL8320	N/A							
CHICAGO/ROCKFON	200.01	1274.01	1202.01	N/A							
	<u> </u>										
NOTE: ALL GRID COM	PONENTS SHALL	. BE BY THE SAME MA	NUFACTURER.								

METAL SUSPENSION SYSTEMS FOR LAY IN PANEL CEILING

BARD WALL HUNG

BARD Q-TEC

MODEL #

Q42H2-4

Q48H2-4 060H2-A

MODEL #

50VT-A42 50VT-A48

5010 MOL

MODEL

25HBB4-4

25HBB4-4 254204-

# HVAC CFM CHART

			•		
DESCRIPTION	MAX. CFM	UNIT WEIGHT (LBS.)	EER	COP	CLIMATE ZONE(S)
3-1/2 TON HEAT PUMP	1250	550	10.5	3.2	1-16
	1400		18:8		
	++60		10.1		
	DESCRIPTION 3-1/2 TON HEAT PUMP	DESCRIPTION MAX. CFM 3-1/2 TON HEAT PUMP 1250 1 TON HEAT PUMP 1100	DESCRIPTIONMAX. CFMUNIT WEIGHT (LBS.)3-1/2 TON HEAT PUMP12505501 TON HEAT PUMP1100550	DESCRIPTIONMAX. CFMUNIT WEIGHT (LBS.)EER3-1/2 TON HEAT PUMP125055010.51 TON HEAT PUMP110055010.5	Image: Second second

	HVAC CFM CHART												
#	DESCRIPTION	MAX. CFM	UNIT WEIGHT	EER	COP	CLIMATE ZONE(S)							
4	3-1/2 TON HEAT PUMP	1200	576	9.0	3.0	1-16							
ţ	4 TON HEAT PUMP	1400	600	9.0	3.0	1-16							
	5 TON HEAT PUMP	1550	600	9.0	3.0	146							

# CARRIER ROOF MOUNT

	Н	VAC CF	M CHAR	Г	
#	DESCRIPTION	MAX. CFM	UNIT WEIGHT (LB9.)	OEER	CLIMATE ZONE(S)
2	3-1/2 TON HEAT PUMP	400		14	1-16
8	4 TON HEAT PUMP	1600	460	14	1-16
0.	5 TON HEAT PUMP	1750	515	14	146

# SPLIT DX SYSTEM

 	 -	-	

	H	VAC CF	•M (	CHART				
. #	DESCRIPTION	AIR HANDLER		AIR HANDLER UNIT WEIGHT (LBS.)		SEER	CLIMATE ZONE(S)	
-42	3-1/2 TON HEAT PUMP	1 X4CN0420	3810	054	246	14	1-16	
•48	4 TON HEAT PUMP	FX4CN0480	4046	170	248	14	1-16	
·60	5 TON HEAT PUMP	FX4CN0600	4046	198	279	14	16	

	HVAC S	CHEDULE	
		# OF HVAC	
BUILDING SIZE	3½ TON HVAC	4 TON HVAC	5 TON HVAC
🛛 24' x 40'	1		
□ 36' x 40'		1	
□ 48' × 40'	2		
□ 60' × 40'		2	
□ 72' x 40'	3		2
□ 84' × 40'		3	
□ 96' × 40'	4		3
□ 108' x 40'		4	
120' x 40'	5		

	INS	ULATION S	SCHEDUL	.E	
ZONE	WALL	RC	OFS	FLOORS (NON-CONCRETE)	CONCRETE FLOORS
		BATTS	OTHER		
-14, & 15	•*R -13	**R -19	***R -1	R -13	
16	*R -13	**R -19	***R -1	R -13	

\*R-5 RIGID INSULATION TO BE USED OVER METAL FRAMED WALLS \*\*R-19 w/ 22 GA WIRE @ 16" O.C.

\*\*\*R-1 MAY BE ACHEIVED w/ POLYSTYRENE OR INSULATION TAPE APPLIED TO TOP FLANGE OF PURLINS, OR EQUAL.

# HEATING VENTILATING AND AIR CONDITIONING (HVAC)

- COMPARABLE, AND MEET CURRENT ENERGY STANDARDS.
  - F. IN THE SUMMER.
- APPROXIMATELY ONE-THIRD FRESH AIR.
- 2. DUCTWORK

  - CLASS 1 RATING.
- SMOKE GENERATION LESS THAN OR EQUAL TO 50.
- CLASS 1 RATING WITH "SMACNA".
- 5. KRUEGER COMMERCIAL GRADE GRILLS AND REGISTERS.
- HAVE THE FOLLOWING FUNCTIONS:
- FOR A 24-HOUR PERIOD.
- KEY BOARD LOCKOUT SWITCH. PROGRAMMABLE DISPLAY.
- 2-HOUR OVERRIDE MINIMUM
- STATUS INDICATED LED'S. BATTERY BACK-UP.
- 7. THERMAL INSULATION

  - NON-CONCRETE FLOORS INSULATION: R-13
  - CONCRETE FLOORS INSULATION: N/A
- 8. FACTORY-MADE AIR DUCTS
  - THE REQUIREMENTS OF C.M.C. SECTION 601.0.
  - C.M.C. SECTION 601.0.

  - PER PLENUM.
- OPPOSITE CORNERS.
- 9. FIREBLOCKING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS: B. AT THE CEILING AND FLOOR LEVELS: C. AND AT 10-FOOT (3048mm) INTERVALS BOTH VERTICAL AND HORIZONTAL. REFERENCE 2013 CBC SECTION 718.
- ADHESIVES, SEALANTS, CAULKS SECTION 5.504.4.1 PAINTS, COATINGS SECTION 5.504.4.3
- AEROSOL PAINTS & COATINGS SECTION 5.504.4.3.1 D. CARPET SYSTEMS SECTION 5.504.4.4
- OTHER APPROVED TESTING PER 5.504.4.4.
- E. CARPET CUSHION OR PADSECTION 5.504.4.4.1 A. CUSHION/PAD SHALL MEET THE CRI'S "GREEN LABEL" PROGRAM.
- F. COMPOSITE WOOD PRODUCTS SECTION 5.504.4.5
- G. RESILIENT FLOORING SYSTEMS SECTION 5.504.4.6

**HVAC SCHEDULES** 

HEAT PUMP: SINGLE PACKAGE WALL-MOUNTED AIR-TO-AIR ELECTRIC HEAT PUMP UNIT SHALL BE RATED IN ACCORDANCE WITH A.R.I. STANDARD 240-77. MAXIMUM AC SIZE FOR THIS BUILDING WILL BE A 5-TON UNIT. ALL UNITS SHALL BE 230/208 VOLT, 1 PHASE SYSTEM, UL TESTED & APPROVED OR

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

B. THE SYSTEM MUST MAINTAIN THE ABOVE TEMPERATURE WHEN THE DAMPER IS ADJUSTED TO USE

CONSTRUCT ALL DUCTWORK OF GALVANIZED SHEET METAL IN ACCORDANCE WITH C.M.C., ASHRAE GUIDE EQUIPMENT VOLUME, AND SMACNA LOW VELOCITY DUCT CONSTRUCTION MANUAL, LATEST EDITIONS. ALL DUCTWORK SHALL BE INSULATED WITH 1" THICK FIBERGLASS DUCT WRAP WITH VAPOR BARRIER. PROVIDE 1" DUCT ATTENUATION AT ALL DUCTWORK WITHIN 2'-0" OF HVAC UNIT.

NON-METALLIC DUCTWORK OPTION: IN ACCESSIBLE CONCEALED PORTIONS OF DUCT SYSTEM, RIGID 1" FIBERGLASS OR INSULATED FLEX-DUCT WITH VAPOR BARRIER MAY BE SUBSTITUTED FOR SHEET METAL DUCTWORK. ALL DUCTWORK WITHIN 2'-0" OF THE HVAC UNIT AND ALL INTERFACE CONNECTIONS SHALL BE METAL. DUCTWORK AND REINFORCEMENT SHALL BE DESIGNED FOR 2" STATIC PRESSURE. REFERENCE BRANDS: OWENS-CORNING FIBERGLASS DUCTBOARD, 1" THICK, AND MICRO-AIRE TYPE 475. NON-METALLIC DUCTWORK SHALL CONFORM TO NFPA 90-A AND SMACNA

3. AIR DUCT INSULATION AND LININGS SHALL COMPLY WITH FLAME SPREAD LESS THAN OR EQUAL TO 25.

4. SUPPLY AIR DIFFUSERS SHALL BE 675 CFM MAXIMUM, 12" ROUND. 1" FIBERGLASS OR FLEXDUCT DUCTWORK SPECIFICALLY DESIGNED TO PROVIDE AIR THERMAL COOLING SYSTEMS, 24"x8"x1" MICRO-AIRE TYPE #475 OWENS-CORNING, KNAUF, CERTAINTEED, OR EQUAL AND 90-B: UL #131 TEST,

REGISTERS AND DIFFUSERS: PROVIDE THREE (MINIMUM) 4-WAY THROW AIR DIFFUSERS AS MANUFACTURED BY CARNES, TITUS, HART AND COOLEY. METALAIRE, SHOEMAKER, BARBER-COLEMAN OR

AIR CONDITIONING CONTROLS: PROVIDE ELECTRONIC PROGRAMMABLE THERMOSTAT. THERMOSTAT SHALL

A. 5 AND 2 WEEKDAY/WEEKEND PROGRAMMING DAYS WITH 4 SEPARATE TIME/TEMPERATURE SETTINGS

PROVIDE LOCKING CLEAR THERMOSTAT COVER WITH THERMOSTAT COVER WITH ACCESS HOLE FOR PROGRAM OVERRIDE. WHITE RODGERS IF92-371. MOUNT TOP OF BOX @ 48" A.F.F. MAX (WHERE SEALED, SETTINGS & ADJUSTMENTS CAN BE DONE BY SERVICE PERSONNEL ONLY).

ROOF INSULATION: R-19 WITH 22 GA. WIRE @ 16" O.C. & R-1 TOP OF PURLINS. WALLS INSULATION: R-13 KRAFT FACED. (R-5 INSULATION OVER METAL FRAMED WALLS)

FLAME SPREAD AND SMOKE DEVELOPMENT SHALL CONFORM TO CALIFORNIA BUILDING CODE SEC.

A. FACTORY-MADE AIR DUCTS SHALL BE APPROVED FOR THE USE INTENDED OR SHALL CONFORM TO EACH PORTION OF A FACTORY-MADE AIR DUCT SYSTEM SHALL BE IDENTIFIED BY THE

MANUFACTURER WITH A LABEL OR OTHER SUITABLE IDENTIFICATION INDICATING COMPLIANCE WITH C.M.C. SECTION 601.0 AND ITS CLASS DESIGNATION. THESE DUCTS SHALL BE LISTED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE TERMS OF THEIR LISTING AND THE REQUIREMENTS OF

C. DUCT SUPPORT FLEX DUCT TO BE SUPPORTED WITH 1-1/2" WIDE x26 GA. GALV. STRAP @ MAX 6'-0" O.C. ATTACH TO RAFTER WITH TWO #8 S.M.S. @ EACH END. SUPPLY AIR PLENUM TO BE SUPPORTED WITH 1-1/2" WIDE x26 GA. GALV. STRAPS MINIMUM 2

SUPPLY AIR BOX AND DIFFUSERS TO BE SUPPORTED WITH (2) 12 GA. HANGER WIRES TO BOX @

SUPPLY AIR BOX AND DIFFUSERS TO BE BRACED WITH (2) 12 GA. SLACK WIRES TO BOX @ OPPOSITE CORNERS. ATTACH SUPPLY AIR DIFFUSERS TO CEILING GRID TO RESIST A LATERAL LOAD EQUAL TO THE WEIGHT OF THE DIFFUSER AND SUPPLY AIR BOX WITH TWO #8 S.M.S.

A. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES;

10. THE INTERIOR ENVIRONMENT SHALL BE ASSEMBLED WITH PRODUCTS THAT CONTRIBUTE TO A HEALTHY INDOOR AIR QUALITY (IAQ). THE FOLLOWING SHALL COMPLY TITLE 24. PART 11 ("CAL-GREEN"):

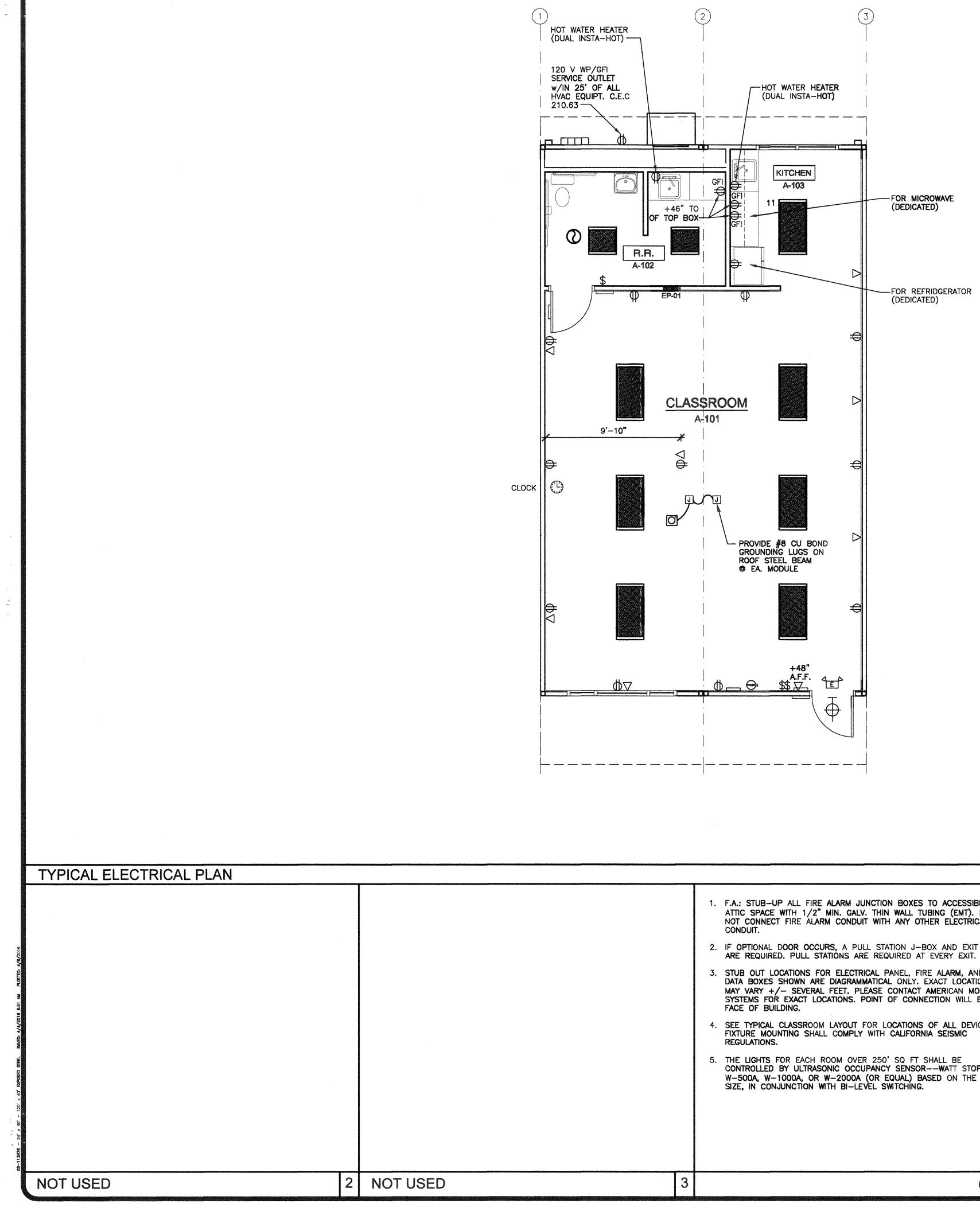
A. CARPET SHALL MEET CRI'S "GREEN LABEL PLUS" PROGRAM, NSF/ANSI '140 GOLD' LEVEL, OR

A. ALL COMPOSITE WOODS MUST NOT EXCEED THE FORMALDEHYDE LIMITS AS SPECIFIED IN ARB'S "AIR TOXICS CONTROL MEASURE" (17 CCR 93120), OR NON-EXEMPT MATERIALS PER TABLE 5.504.4.5.

A. RESILIENT FLOORING SHALL BE CERTIFIED UNDER THE "FLOORSCORE" PROGRAM BY RFCI. COMPLY WITH CA-CHPS 01350, OR OTHER APPROVED TESTING PER 5,504,4,6,

American Modular Systems 787 Spreckels Ave. Manteca, CA 95336 Phone (209) 825-1921 - Fax (209) 825-7018 americanmodular.com MODULAR MANUFACTURER PROPRIETARY STATEMENT THESE DRAWINGS AND THE MATERIAL CONTAINED THERE IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED O OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS. PRE-CHECKED SET NAME 24' x 40' THRU 120' x 40' BUILDINGS SITE SPECIFIC PROJECT NAME SHEET TITLE **CEILING & MECHANICAL** NOTES, SCHEDULES MANUFACTURER PROFESSIONAL OF RECORD ON PC SED ARCA ATRICK No. C12631 W MOTTOF CALIF 5/19/201 PROJECT SPECIFIC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPL 01-115705 ACS\_\_\_\_\_FLS\_\_\_\_SSS\_\_\_\_\_A DATE\_\_\_\_APR\_0\_8\_2016\_\_\_\_ ORIGINAL PC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT X. DEPT. OF GENERAL SERVICES PC 02-113876 ACAPU FLSANDSS OF 6/22/15 PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED REVISIONS DRAWN BY: SCALE: AS NOTED DATE: SHEET NUMBER

**HVAC NOTES** 



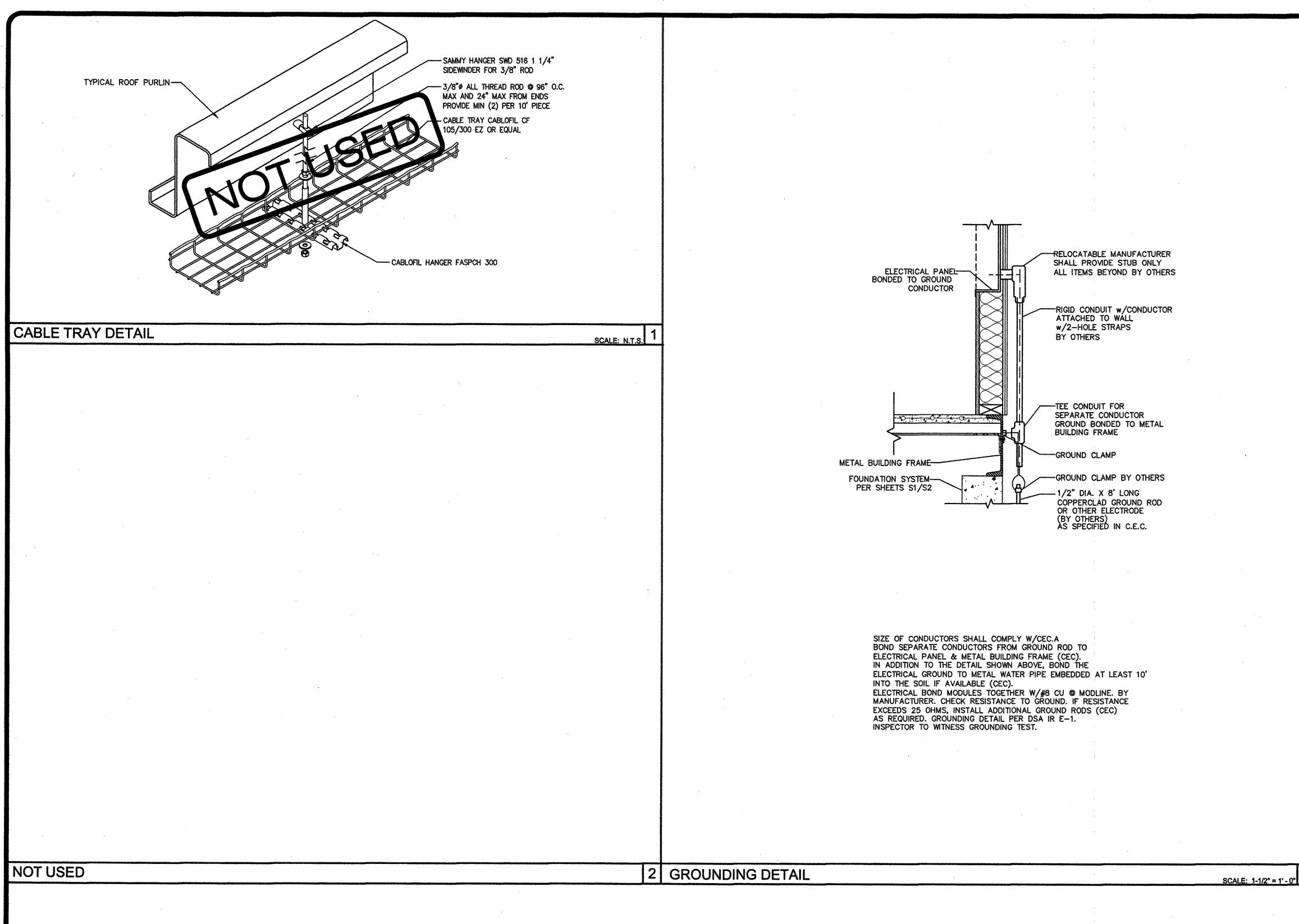
1.	F.A.: STUB-UP ALL FIRE ALARM JUNCTION BOXES TO ACCESSIBLE	<u>NO</u>	ITES
	ATTIC SPACE WITH 1/2" MIN. GALV. THIN WALL TUBING (EMT). DO NOT CONNECT FIRE ALARM CONDUIT WITH ANY OTHER ELECTRICAL CONDUIT.	Å.	THE PROJECT ARCHITECT SHALL BE RESPONSIBLE FOR PLACEMENT OF HEAT, SMOKE DETECTORS, EVACS AND AND COMPLETE FIRE ALARM SYSTEM WHEN THE SITE S
2.	IF OPTIONAL DOOR OCCURS, A PULL STATION J-BOX AND EXIT SIGN ARE REQUIRED. PULL STATIONS ARE REQUIRED AT EVERY EXIT.		PROJECT IS REQUIRED TO MEET THE PROVISIONS OF S 907.2.3.
3.	STUB OUT LOCATIONS FOR ELECTRICAL PANEL, FIRE ALARM, AND DATA BOXES SHOWN ARE DIAGRAMMATICAL ONLY. EXACT LOCATIONS MAY VARY +/- SEVERAL FEET. PLEASE CONTACT AMERICAN MODULAR	В.	AT ANY SPACE REQUIRING 2 OR MORE EXITS PROVIDE (CBC 1011) AND EMERGENCY EXIT ILLUMINATION (CBC
	SYSTEMS FOR EXACT LOCATIONS. POINT OF CONNECTION WILL BE AT FACE OF BUILDING.	C.	ANY MONITORING EQUIPMENT OR ASSOCIATED SENSORS SPECIFIC AND ARE NOT INCLUDED IN THIS BASE PC.
4.	SEE TYPICAL CLASSROOM LAYOUT FOR LOCATIONS OF ALL DEVICES. FIXTURE MOUNTING SHALL COMPLY WITH CALIFORNIA SEISMIC REGULATIONS.	D.	LIGHTING FIXTURE <b>S MAY BE IN</b> STALLED ROTATED 90° FF TO MATCH T-BAR GRID LAYOUT.
5.	THE LIGHTS FOR EACH ROOM OVER 250' SQ FT SHALL BE CONTROLLED BY ULTRASONIC OCCUPANCY SENSOR——WATT STOPPER W—500A, W—1000A, OR W—2000A (OR EQUAL) BASED ON THE ROOM SIZE, IN CONJUNCTION WITH BI—LEVEL SWITCHING.		

FOR THE ND PULL STATIONS TE SPECIFIC OF SB 575 & CBC

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

- VIDE EXI**T SIGN**S CBC 1**006)**.
- ORS ARE SITE
- FROM SHOWN

<ul> <li>MOMESSENT WILL WOMTE NITTORY WILL CONSTRUCT ONLY - MONTH</li> <li>MONTROLED-BURCH WILL CONSTRUCT ONLY - MONTH</li> <li>DOTTOLED-BURCH WILL CONSTRUCT ONLY - MONTH</li> <li>TOURE-DIRCH WILL CONSTRUCT ONLY - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOULT - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MAD CORE - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MERSION TOUR - MONTH</li> <li>TOURD PART CREAT MERSIO</li></ul>	
<ul> <li>MOUNT © 14P AFF. TO ENTERNA = U.O.N.</li> <li>COMPCLICD-UPLEY MULT CONVENCE OF DUTT - MOUNT © 14P AFF. TO ENTERNA = U.O.N.</li> <li>COMPCLICD-UPLEY MULT CONVENCE OF DUTT - MOUNT © 14P AFF. TO ENTERNA = U.O.N.</li> <li>COMPCLICD-UPLEY MULT CONVENCE OF DUTT - MOUNT © 14P AFF. TO ENTERNA = U.O.N.</li> <li>FOURPLEY MULT CONVENCE OF DUTT - MOUNT © 14P AFF. TO ENTERNA = U.O.N.</li> <li>FOURPLEY MULT CONVENCE OF DUTT - MOUNT © 14P AFF. TO ENTERNA = U.O.N.</li> <li>STEELE POLE CONVENCE SHOLD FAULT CREAT INTERNET OUTLY - MOUNT © 14P AFF. TO ENTERNA = U.O.N.</li> <li>STEELE POLE CONVENCE SHOLD FAULT CREAT INTERNET OUTLY - MOUNT © 14P AFF. TO ENTERNA = MOUNT</li></ul>	
<ul> <li>CONTROLID-DUPLY MULL ENVERTICE CUTLET - MOUTE TO BE CONTROLLED BY DOCUMENCE SENSE.</li> <li>CONDUCT-DUPLEX MULL CONTROLLED CUTLET - MOUTE B + 15 AFF. TO CONTROLLED CUTLET - MOUTE B +</li></ul>	stems
Φ +19         AP-10         CONNECT         -0.0.4           Φ         FORMELY MALL DIRKLIT         MOUNT Φ +16" A.F.F. TO           Φ         FORMELY MALL DIRKLIT         MOUNT Φ +16" A.F.F. TO           Φ         MOUND FALLT         CRUID FALLT         CRUID FALLT           Φ         DOUND FALLT         CRUID FALLT         CRUID FALLT         CRUID FALLT           MOUND FALLT         CRUID FALLT         CRUID FALLT         CRUID FALLT         CRUID FALLT           MOUND FALLT         CRUID FALLT <td>1</td>	1
CORRELS WALL CALLET - MOUNT © +18" AFF. TO     CONTROL INC. CONTROL - 18" AFF. TO CONTROL - 10.N     CONTROL - MOUNT © +18" AFF. TO CONTROL - 10.N     CONTROL - MOUNT © +18" AFF. TO CONTROL - 10.N     CONTROL - MOUNT © +18" AFF. TO CONTROL - 10.N     CONTROL - MOUNT © +18" AFF. TO CONTROL - 10.N     CONTROL - MOUNT © +18" AFF. TO CONTROL - 10.N     CONTROL - MOUNT © +18" AFF. TO CONTROL - MOUNT © +18" AFF.     CONTROL - MOUNT © +18" AFF. TO     CONTROL - MOUNT © - 18" AFF. TO     CONTROL - MOUNT © - 48" AFF. TO     CONTROL MOUNT - MOUNT © +18" AFF. TO     CONTROL MOUNT - 4" SO, BOX WITH INNEL     CONTROL - MOUNT © - 48" AFF. TO     CONTROL - MOUNT © - 48" AFF. TO     CONTROL MOUNT - MOUNT © +18" AFF. TO     CONTROL MOUNT / TUBERD AMOVE COLLING - MOUNT O     MOUNT / TUBERD AMOVE COLING - MOUNT O     MOUNT / TUBERD AMOVE COLING - MOUNT /     SUBBERD AFF. MOUNT © MOUNT - MOUNT O     MOUNT / TUBERD AMOVE COLING - MOUNT O     MOUNT / TUBERD AMOVE COLING - MOUNT /     SUBBERD AFF. MOUNT E MOUNT = MOUNT O     MOUNT / TUBERD AMOVE COLING - MOUNT O     MOUNT / TUBERD AMOVE COLING - MOUNT /     MOUNT / MOUNT / MOUNT = MO	THERE-
WP DTU       WATHER PROOF GROUND FAULT CREUT INTERPORT OUTUT - MOUNT 0167 AFF. TO CONTRETUCE - U.O.N. GROUND FAULT CREUT INTERPORT OUTET - MOUNT 0 164 AFF. TO CONTRELIVE - U.O.N.         Statistic Control of AFF. TO CONTRELIVE - U.O.N. GROUND FAULT CREUT INTERPORT OUTET - MOUNT 0 164 AFF. TO CONTRELIVE - U.O.N.         Statistic Control of AFF. TO CONTRELIVE - U.O.N. MARK TO TOP OF BOX.         Statistic Control of AFF. TO CONTRELIVE - U.O.N. SECONDUCED-SNORE PROJECTION DEAT - HUBBED PROPERTY OF AFF.         CONTRELID-SNORE PROJECTION DEAT - HUBBED PROPERTY OF AFF.         CONTRELID-SNORE PROJECTION AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE CONTRELIVE - U.O.N. OF AFF. TO CONTRELIVE CONTRELIVE - TALEFHORE - U.O.N. OF AFF. TO CONTRELIVE - MARK AFF. TO CONTRELIVE - MOUNT OF OF BOX 6 +45 AFF. U.O.N. AND ORCH A 145 CONDUCT / STUBBED ABOX COLING - DONCE BY OTHERS         MINDIN SENSOR OUTLET - PROVIDE (1) 4' SD. BOX MINIT BINALE DATE DE CONTRE ON OUTLET ONLY - 4' SD. BOX MINIT SINGLE DATE OF AFF. CONDUCT / TUBBED ABOX COLING - UNDER OF OTHERS         MINDIN SENSOR OUTLET - PROVIDE (1) 4' SD. BOX MINIT BINALE DATE DE DATE OF OTHERS         MINDIN SENSOR OUTLET - PROVIDE (1) 4' SD. BOX MINIT BINALE DATE DE DATE OF OTHERS         MINDIN SENSOR OUTLET - ONLY - 4' SD. SNOLE BOX OF AFF. TO	OPIED OR TLY AND
GFOLD       GROUND FAULT CREUT NUTLET - MOUNT @ +45" A.F.F.         \$\$       SINGLE POLE SOLA TUBE SWITCH - MOUNT @ +45" A.F.F.         \$\$       SINGLE POLE SOLA TUBE SWITCH - MOUNT @ +45" A.F.F.         \$\$       SINGLE POLE SOLA TUBE SWITCH - MOUNT @ +45" A.F.F.         \$\$       SINGLE POLE SOLA TUBE SWITCH - MOUNT @ +45" A.F.F.         \$\$       SINGLE POLE SOLA TUBE SWITCH - MOUNT @ +45" A.F.F.         \$\$       SINGLE POLE SOLA TUBE SWITCH - MOUNT @ +45" A.F.F.         \$\$       SINGLE POLE COLLEGINT SWITCHES - MOUNT @ +45" A.F.F.         \$\$       SINGLE POLE CONSORTER - J-BOXES - ABOVE CELLING - #1-4"X1", #22 4"X2         \$\$       SINGLE POLE CONSORTER - J-BOXES - ABOVE CELLING - #1-4"X1", #22 4"X2         \$\$       SINGLE POLE CONSORTER - J-BOXES - ABOVE CELLING - #1-4"X1", #22 4"X2         \$\$       SINGLE POLE CONSORTER - J-BOXES - ABOVE CELLING - EDUCATION SANTA CLARA COUNTY CELLING - #10"X1", #22 4"X2", #10"X1", #22 4"X2"         \$\$       SINGLE POLE CONSORTER - J-BOXES - ABOVE CELLING - EDUCATION SANTA TERESA ELEMENTA         \$\$       SINGLE POLE CONSORTER - MOUNT @ +140" AFF. TO CONSULT / SINGLE DOWNE RING ADOVE CELING - MOUNT @ 544" AFF. TO CONSULT / SINGLE DOWNE RING ADOVE CELING - MOUNT & 50 BOX ONLINE - MOUNT & 50 BOX ONLINE - MOUNT & 50 BOX ONLINE - MOUNT & 50 BOX ONLINE - TOWNE (1) 4" 50. BOX WITH SINGLE DOWNE RING ADOVE CELING - MOUNT & 50 BOX CELING - DEVLES BY OTHERS         \$\$       MOUNT > STUBBED ABOVE CELING ADOVE CELING A MOUNT & 50 BOX CELING - MOUNT & 50 BOX ONLINE - T	OF NG OF EREOF
INSTRUCTURED-SHOLE USING WITCHES - MOUNT	HEREIN
<ul> <li>Her Hard AFF, MAY TO TOP OF BOX - HUBBELL PREVIOUS GRADUES - BARY DULY, DELEVION SPECIFICATIONS GAUGE CLEARCAL CROSSOVER - J-BOXES - ASOVE CELING - AT-4X1, 522 4722</li> <li>CLOCK / SPEAKER COMBO - MOUNT © +30° AFF. TO CRUTENILE - LOUND - BOXE OF OTHERS</li> <li>JUNCTION BOX - SIZE / LOOKION AFF. / TYPE AS NOTED</li> <li>SPEAKER - OUTLET ONLY - 4° SO, BOX WICH SUBSCRIPTS - DEVECE DOWNERS</li> <li>AND ALL COMMUNICATION - OUTLET ONLY - 4° SO, BOX WICH SUBSCRIPTS - DEVECE BY OTHERS</li> <li>ANTA CEMMUNICATION - OUTLET ONLY - 4° SO, BOX WICH SUBSCRIPTS - DEVECE BY OTHERS</li> <li>MOTION SDAGE COLLING - DEVECE BY OTHERS</li> <li>MOTION SUBSCRIPTS - DEVECE BY OTHERS</li> <li>MOTION SUBSCRIPTS - DEVECE BY OTHERS</li> <li>MOTION SUBSCRIPT - MONA DE CARE - MOUNT - 4° SO, BOX WORD SUBSCRIPT - BOXING CHINA - DEVECE BY OTHERS</li> <li>MOTION SUBSCRIPT - DEVECE BY OTHERS</li> <li>MOTION SUBSCRIPT - DEVECE BY OTHERS</li> <li>MOTION SUBSCRIPT - PROVIDE (1) 4° SO, BOX WORD CONDUCT - STUBBED ABOXE CELING - DEVECE BY OTHERS</li> <li>SECURITY / INTRUSION KEY PAD - OUTLET ONLY - 4° SO, BOX WORD SUBSCRIPTS - DEVECE BY OTHERS</li> <li>SECURITY / INTRUSION KEY PAD - OUTLET ONLY - 4° SO, BOX WORD SUBSCRIPT - DRIVEC CELING - DEVECE BY OTHERS</li> <li>SECURITY / INTRUSION KEY PAD - OUTLET ONLY - 4° SO, BOX WORD SUBSCRIPTS - MOUNT DE THEME HAZ TO +48° AFF. DEVECE BY OTHERS</li> <li>CATY OUTLET - OUTLET ONLY - 4° SO, SOX WITH SUBBED ABOVE CELING - DEVECE BY OTHERS</li> <li>FRE ALARM HORN - OUTLET ONLY - 4° SO, SOX WITH SUBBED ABOVE CELING - DEVECE BY OTHERS</li> <li>FRE ALARM HORN - OUTLET ONLY - 4° SO, SOX WITH SUBBED ABOVE CELING - DEVECE BY OTHERS</li> <li>FRE ALARM HORN - OUTLET ONLY - 4° SO, SOX WITH SUBBED ABOVE STATE MOLINE DEVECE RING AND CONCINE - SUBBED ABOVE CELING - DEVECE BY OTHERS</li> <li>FRE ALARM MARM - OUTLET ONLY - 4° SO, SOX WITH SUBBED ABOVE BY OTHERS</li> <li>WILL FRANCE DEVECE BY OTHERS</li> <li>WILL FRANCE DEVECE BY OTHERS</li> <li>WILL REAL ADARK ALARM - OUTLET ONLY - 4° SO, SOX WITH GENERATED HAN ABOVE -</li></ul>	
CENTERLINE - U.O.N DEVICE BY OTHERS           ID         SWITCH SUBSORPTS - α-DEVICE CONTROLLED.           U         JUNCTON BOX - SIZE / LOCATION AFF, / TYPE AS NOTED           SPEARCE - OUTLET ONLY - 4* SO. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT © 4+4* AFF. TO CENTERLINE - DEVICE BY OTHERS           A         DATA / COMMUNICATION - OUTLET ONLY - 4* SO. BOX Y/ SINGLE DEVICE RING AND COVER - MOUNT © 4+18* AFF. TO CENTERINE, U.O.A. AND PROVIDE A 3/4* COMOUT / STUBBED ABOVE CELLING - DEVICE BY OTHERS           MITTOOM / TELEPTOME - OUTLET ONLY - 4* SO. BOX WITH SINGLE DEVICE RING AND COVER AND ONE 3/4* COMOUT / STUBBED ABOVE CELLING - DEVICE BY OTHERS           IMOTION SENSION OUTLET - PROVIDE (1) 4* SOL BOX WITH SINGLE DEVICE RING AND COVER AND ONE 3/4* COMOUT / STUBBED ABOVE CELLING - DUTLET ONLY - THOROUCH DOOR COLLING - DUTLET ONLY - DEVICE BY OTHERS           IMOTION SENSION OUTLET - PROVIDE (1) 4* SOL BOX WITH SINGLE DEVICE RING AND COVER AND OVER - 10! S/4* COMOUT / STUBBED ABOVE CELLING - DEVICE BY OTHERS           IMOTION SENSION OUTLET - OUTLET ONLY - PROVIDE (1) 4* SOL BOX WITH SINGLE DEVICE RING AND COVER - 10! S/4* COMOUTT STUBBED ABOVE CELING - DEVICE BY OTHERS           IMOTION SENSION OUTLET - OUTLET ONLY - PROVIDE (1) 4* SOL BOX WITH SINGLE DEVICE RING AND COVER - 10! S/4* AFF DEVICE BY OTHERS           IMIN HORN HORN - OUTLET ONLY - 4* SOL BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED +90* AFF. TO CENTERLINE - DEVICE BY OTHERS           IMIN HORN BOX - OUTLET ONLY - 4* SOL BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED TO HINES HERE MOTIONEL ABOVE CELLING - DEVICE BY OTHERS           IMIN HORN BOX - OUTLET ONLY - A'SOL BOX	
<ul> <li>JUNCTION BOX - SIZE / LOCATION A.F.F. / TYPE AS NOTED</li> <li>SPEARER - OUTLET ONLY - 4* SG, BOX WITH SINGLE DEVCE RING AND COVER - MOUNT 9 + 44* A.F.F. TO CENTRETURE - DEVCE BY OTHERS</li> <li>DATA / COMMUNICATION - OUTLET ONLY - 4* SD, BOX W/ SINGLE DEVCE RING AND COVER - MOUNT 9 + 18* A.F.F. TO CENTRETURE, U.O.A. AND PROVIDE A 5/4* CONDUT / STUBBED ABOVE CELING - DEVICE BY OTHERS</li> <li>MITNEGOM / TELEPHONE - OUTLET ONLY - 4* SD, BOX WITH SINGLE DEVICE RING AND COVER - MOUNT TOP OF BOX 9 + 44* A.F.F. U.O.A. AND ONE 5/4* CONDUT / STUBBED ABOVE CELING - DEVICE BY OTHERS</li> <li>SECURITY / INTRUSION KEY PAD - OUTLET ONLY - 4* SD, BOX WITH SINGLE DEVICE RING AND COVER MUNIT TO OF OCONTACT - PROVIDE (1) 4** SD, BOX WITH SINGLE DEVICE RING AND COVER MUNIT / STUBBED ABOVE CELING - DEVICE BY OTHERS</li> <li>DOOR CONTACT - PROVIDE (1) EMPTY 1/2* DIA ENT DEVICE BY OTHERS</li> <li>DOOR CONTACT - PROVIDE (1) EMPTY 1/2* DIA ENT DEVICE BY OTHERS</li> <li>MINUFACTURET PROFESSIONAL OF RECORD ON WITH SINGLE DEVICE RING AND COVER - MOUNT STUBBED ABOVE CELING - DEVICE BY OTHERS</li> <li>MINUFACTURET PROFESSIONAL OF RECORD ON WITH SINGLE DEVICE RING AND COVER - MOUNT OF OF OPERATING FUNCHED CELING - DEVICE BY OTHERS</li> <li>REE ALARM MORN - OUTLET ONLY - 4* SD, SINGLE CANO A.F.F DEVICE BY OTHERS</li> <li>REE ALARM MORN - OUTLET ONLY - 4* SD, SINGLE CANO J-90X WITH BLANK WEATHERPROOF COVER - MOUNTED OF OFFERTING FUNCHED ADD/CERT MOUNT DETINEED +42* TO - 48* A.F.F DEVICE BY OTHERS</li> <li>MINI HORN BOX - OUTLET ONLY - 4* SD, SINGLE CANO J-90X WITH BLANK WEATHERPROOF COVER - MOUNTED HOW OFFERTING FUNCH ADAR COVER - MOUNTED DETINEED HOR OFFERTING AFF DEVICE BY OTHERS.</li> <li>MINI HORN BOX - OUTLET ONLY - 4* SD, SINGLE CANO J-90X AFF. TO DEVICE BY OTHERS.</li> <li>MINI HORN BOX - OUTLET ONLY - 5INGLE DEVICE RING AND COVER - MOUNTED OFFERTING PUTCHEN BUT NO CREATE TIMA HORN - OUTLET ONLY - 4* SD, SINGLE CANO J-90X AFF. TO DEVICE BY OTHERS.</li> <li< td=""><td></td></li<></ul>	
<ul> <li>SPEARER - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT Φ +14" AFF. TO CENTERINE - DEVICE BY OTHERS</li> <li>DATA / COMMUNICATION - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT TOP OF BOX Φ +48" AFF. U.O.N., AND PROVIDE A 3/4" COMOUT / STUBBED ABOVE CELLING - DEVICE BY OTHERS</li> <li>WOTION SENSOR OUTLET - PROVIDE (1) 4" SO. BOX W/ SINGLE DEVICE RING AND COVER - MOUNT TOP OF BOX Φ +48" AFF. U.O.N., AND PROVIDE A 3/4" COMOUT / STUBBED ABOVE CELLING - DEVICE BY OTHERS</li> <li>WOTION SENSOR OUTLET - PROVIDE (1) 4" SO. BOX W/ SINGLE DEVICE RING AND COVER AND ONE 3/4" COMOUT / STUBBED ABOVE CELLING - DEVICE BY OTHERS</li> <li>SECURITY / INTRUSION KEY PAD - OUTLET ONLY - 4" SO. BOX W/ SINGLE DEVICE RING AND COVER AND OVER 3/4" DOOR CONTACT - PROVIDE (1) EMPTY 1/2" DIA EMT THROUGH DOOR HEADER - DEVICE BY OTHERS</li> <li>SECURITY / INTRUSION KEY PAD - OUTLET ONLY - 4" SO. BOX W/ SINGLE DEVICE RING AND COVER - (1) 3' SO. BOX W/ SINGLE DEVICE RING AND COVER - (1) 3' SO. BOX W/ SINGLE DEVICE RING AND COVER - (1) 3' SO. BOX W/ THE BLANK WEATHERPROOF COVER - MOUNT DO OF OOPERATING FINANDA COVER - (1) 3' SO. BOX WITH SINGLE DEVICE RING AND COVER - (1) 3' SO. BOX WITH SINGLE DEVICE RING AND COVER - (1) 3' SO. BOX WITH BLANK WEATHERPROOF COVER - MOUNTED OF OPERATING FINANDA COVER - 10PX OF OFFERATING FINANDA COVER - MOUNTED HOW AFF. TO ENCICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SO. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED HOW AFF. TO EXCIRCINE - DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SO. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED HOW AFF. TO DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SO. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED BETWEEN HA2" TO 4B'C AFF. TO DEVICE BY OTHERS</li> <li>MIN HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED +80" AFF. ID CONTERTING BUT NO GREATER THAN +96" - DEVICE BY OTHERS</li> <li>MIN HORN BOX - OUTLET ONLY - S</li></ul>	OF
<ul> <li>△ DATA / COMMUNICATION - OUTLET ONLY - 4* SQ BOX w' SINGLE DEVICE RING AND COVER - MOUNT 0 + 18* AFF. TO CENTERINE, U.O.N. AND PROVIDE A 3/4* CONDUIT / STUBBED ABOVE CELING - DEVICE BY OTHERS         with SINGLE DEVICE RING AND COVER - MOUNT 10 + 0 FO SO ● 4+8* AFF. U.O.N. AND PROVIDE A 3/4* CONDUIT / STUBBED ABOVE CELING - DEVICE BY OTHERS         wotion SENSOR OUTLET - PROVIDE (1) 4* SQ. BOX w' SINGLE DEVICE RING AND COVER AND ON E 3/4* CONDUIT / STUBBED ABOVE CELING - DEVICE BY OTHERS         SECURITY / INTRUSION KEY PAD - OUTLET ONLY - 4* SG. BOX W' SINGLE DEVICE RING AND COVER AND ON E 3/4* CONDUIT / STUBBED ABOVE CELING - DEVICE BY OTHERS         DOOR CONTACT - PROVIDE (1) 4* SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT TOP OF BOX WITH SINGLE DEVICE RING AND COVER - TOP OF DEVICE BY OTHERS         PRE ALARM HORL = CONTE ONLY - 4* SQ. BOX WITH SINGLE DEVICE RING AND COVER - TOP OF DEFORTING HONCE BOY REAL PRE ALARM HORL = DEVICE BY OTHERS         PRE ALARM HORL = DEVICE BY OTHERS         PRE ALARM HORL = DEVICE BY OTHERS         SINGLE DEVICE RING AND COVER - TOP OF DEFORTING HONLE MOUNTED BETWEEN +42* OTHERS         PRE ALARM HORL = DEVICE BY OTHERS         PRE ALARM HORL = DEVICE BY OTHERS         PRE ALARM HORL = DEVICE BY OTHERS         SINGLE DEVICE RING AND COVER - TOP OF DEFORTING HONLE MOUNTED BETWEEN +42* OTHERS         MINI HORN BOX - OUTLET ONLY - 4* SQ. BOX WITH SINGLE DEVICE BY OTHERS         MINI HORN BOX - OUTLET ONLY - 4* SQ. BOX WITH MINI HORN BOX - OUTLET ONLY - 4* SQ. BOX WITH MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND GREATER THAN +96* - DEVICE BY OTHERS         MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND GREATER THAN +96* - DEVICE BY OTHERS         MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND GREATER THAN +96* - DEVICE BY OTHERS</li></ul>	FARY
<ul> <li>INTERCOM / TELEPHONE - OUTLET ONLY - 4" SO. BOX</li> <li>INTERCOM / TELEPHONE - OUTLET ONLY - 4" SO. BOX</li> <li>INTERCOM / TELEPHONE - DEVICE RING AND COVER AND AND AND AT SO. BOX</li> <li>INTERCOM / TELEPHONE - DEVICE TO PROVIDE (1) 4" SO. BOX</li> <li>INTERCOM / TELEPHONE - OUTLET ONLY - 4" SO. BOX W/ SINGLE DEVICE RING AND COVER AND ONE 3/4"</li> <li>INTERCOM / TUBBED ABOVE CELLING - DUTLET ONLY - 4" SO. BOX W/ SINGLE DEVICE RING AND COVER MOUNT / STUBBED ABOVE CELLING - DEVICE BY OTHERS</li> <li>DOOR CONTACT - PROVIDE (1) EMPTY 1/2" DIA ENT THROUGH DOOR FEADER - STUBBED ABOVE CELLING - DEVICE BY OTHERS</li> <li>DOOR CONTACT - PROVIDE (1) EMPTY 1/2" DIA ENT THROUGH DEVICE RING AND COVER - (1) 3/4" DIA CONDUIT - STUBBED ABOVE CELLING - DEVICE BY OTHERS</li> <li>FIRE ALARM PORL - OUTLET ONLY - PROVIDE (1) 4" SO. BOX WITH SINGLE DEVICE RING AND COVER - 10 3/4" DIA CONDUIT - STUBBED ABOVE CELLING - DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SO. SINGLE CANG A-F.F DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SO. SINGLE CANG A-BO'NAL DEVICE RING AND COVER - MOUNTED BETWEEN 442" TO +48" A.F.F.</li> <li>MINI HORN BOX - OUTLET ONLY - 4" SO. SINGLE CANG A-BO'NAL DEVICE RING AND COVER - MOUNTED BETWEEN 442" TO +48" A.F.F.</li> <li>MINI HORN BOX - OUTLET ONLY - 4" SO. SINGLE CANG A-BO'NAL DEVICE RING AND COVER - MOUNTED BETWEEN 442" TO +48" A.F.F.</li> <li>MINI HORN BOX - OUTLET ONLY - 4" SO. SINGLE CANG A-BO'NAL DEVICE RING AND COVER - MOUNTED BETWEEN 412" TO +48" A.F.F.</li> <li>MINI HORN BOX - OUTLET ONLY - 4" SO. SINGLE CANG A-BO'NAL DEVICE RING AND COVER - MOUNTED BETWEEN 442" TO +48" A.F.F.</li> <li>MINI HORN BOX - OUTLET ONLY - 5 SINGLE DEVICE RING AND COVER - MOUNTED THERS</li> <li>MINI HORN BOX - OUTLET ONLY - 5 SINGLE DEVICE RING AND COVER - MOUNTED THERS</li> <li>MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED THERS</li> <li>MINI HORN BOX - OUTLET ONLY - SINGLE DEVIC</li></ul>	
<ul> <li>(A) W SINGLE DEVICE RING AND COVER AND ONE 3/4"</li> <li>CONDUIT / STUBBED ABOVE CEILING</li> <li>SECURITY / INTRUSION KEY PAD – OUTLET ONLY – 4" SO, BOX Φ +48" AF.F., AND ONE 3/4" CONDUIT / STUBBED ABOVE CEILING – DEVICE RING AND COVER, MOUNT TOP OF BOX Φ +48" AF.F., AND ONE 3/4" CONDUIT / STUBBED ABOVE CEILING – DEVICE BY OTHERS</li> <li>DOOR CONTACT – PROVIDE (1) EMPTY 1/2" DIA EMT THROUGH DOOR HEADER – STUBBED ABOVE CEILING – DEVICE BY OTHERS</li> <li>CATV OUTLET – OUTLET ONLY – PROVIDE (1) 4" SO. BOX WITH SINGLE DEVICE RING AND COVER – (1) 3/4" DIA CONDUIT – STUBBED ABOVE CEILING – DEVICES BY OTHERS</li> <li>E FIRE ALARM WORN – OUTLET ONLY – PROVIDE (1) 4" SQ. BOX WITH BILANK WEATHERPROOF COVER – TOP OF OPERATING HANDLE MOUNTED BETWEEN +42" TO +48" A.F.F. – DEVICE BY OTHERS</li> <li>FIRE ALARM HORN – OUTLET ONLY – 4" SO. SINGLE CANG J-BOX WITH BILANK WEATHERPROOF COVER – MOUNTED +90" A.F.F. TO CENTERLINE – DEVICE BY OTHERS</li> <li>VISUAL FIRE ALARM ALARM – OUTLET ONLY – 4" SO. BOX WITH SINGLE DEVICE RING AND COVER – MOUNT SO THAT LENS IS BETWEEN 80"-96" A.F.F. TO CENTERLINE BUT NO GREATER THAN H96" – DEVICE BY OTHERS</li> <li>MINI HORN BOX – OUTLET ONLY – SINGLE DEVICE RING AND COVER – MOUNTED H80" A.F.F. TO CENTERLINE BUT NO GREATER THAN H96" – DEVICE BY OTHERS</li> <li>MINI HORN BOX – OUTLET ONLY – SINGLE DEVICE RING AND COVER – MOUNTED H80" A.F.F. TO CENTERLINE BUT NO GREATER THAN H96" – DEVICE BY OTHERS</li> <li>MINI HORN BOX – OUTLET ONLY – SINGLE DEVICE RING AND COVER – MOUNTED H80" A.F.F. TO CENTERLINE BUT NO GREATER THAN H96" – DEVICE BY OTHERS</li> <li>MINI HORN BOX – OUTLET ONLY – SINGLE DEVICE RING AND COVER – MOUNTED H80" A.F.F. TO CENTERLINE BUT NO GREATER THAN H96" – DEVICE BY OTHERS</li> <li>MINI HORN BOX – OUTLET ONLY – SINGLE DEVICE RING AND COVER – MOUNTED H80" A.F.F. TO CENTERLINE BUT NO GREATER THAN H96" – DEVICE BY OTHERS</li> <li>MINI HORN BOX – OUTLET ONLY – SINGLE DEVICE RING AND COVER – MOUNTED H80" A.F.F. TO CENTERLINE BUT NO GREATER THAN H96" – DEVICE BY OTHERS</li> <l< td=""><td></td></l<></ul>	
<ul> <li>4" SQ. BOX W/ SINGLE DEVICE RING AND COVER, MOUNT TOP OF BOX Φ + 44" AFF, AND DONE 3/4" CONDUT / STUBBED ABOVE CEILING - DEVICE BY OTHERS</li> <li>DOOR CONTACT - PROVIDE (1) EMPTY 1/2" DIA EMT THROUGH DOOR HEADER - STUBBED ABOVE CEILING - DEVICE BY OTHERS</li> <li>CATV OUTLET - OUTLET ONLY - PROVIDE (1) 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - (1) 3/4" DIA CONDUIT - STUBBED ABOVE CEILING - DEVICES BY OTHERS</li> <li>FIRE ALARM PULL STATION - OUTLET ONLY - PROVIDE (1) 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - TOP OF OFERATING HANDLE MOUNTED BETWEEN +42" TO +48" A.F.F DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SQ. SINGLE CANG J-BOX WITH BLANK WEATHERPROOF COVER - MOUNTED 90" A.F.F. TO CENTERLINE - DEVICE BY OTHERS</li> <li>FIRE ALARM MORN - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED 90" SULAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED 90" SULAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED 90" SULAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED 90" SULAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED SI 90" SULAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED SI 90" SULAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED SI 90" SULAL FIRE ALARM ALARM - OUTLET ONLY - SINGLE DEVICE RING AND GOVER - MOUNTED +80" A.F.F. TO CENTERLINE BUT NO GOVER - MOUNTED FINE HAVE SOLVE OF THE SINGLE DEVICE RING AND ORGINAL PC STATE AGENCY APPROVAL</li> </ul>	IN PC
<ul> <li>THROUGH DOOR HEADER - STUBBED ABOVE CEILING - DEVICE BY OTHERS</li> <li>CATV CUTLET - OUTLET ONLY - PROVIDE (1) 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - (1) 3/4" DIA CONDUIT - STUBBED ABOVE CEILING - DEVICES BY OTHERS</li> <li>FIRE ALARM PULL STATION - OUTLET ONLY - PROVIDE (1) 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - TOP OF OPERATING HANDLE MOUNTED BETWEEN +42" TO +48" A.F.F DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SQ. SINGLE GANG J-BOX WITH BLANK WEATHERPROOF COVER - MOUNTED +90" A.F.F. TO CENTERLINE - DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNTED BETWEEN 80"-96" A.F.F. (CEILING MOUNT PER NFPA72 TABLE 6-4.4.1(b) ) DEVICE BY OTHERS.</li> <li>MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED +80" A.F.F. TO CENTERLINE BUT NO GREATER THAN +96" - DEVICE BY OTHERS</li> <li>THERMOSTAT - TOP OF BOX MOUNTED @ +48" A.F.F.</li> <li>ULTRASONIC OCCUPANCY SENSOR - MOUNTED TO FINISH</li> </ul>	
<ul> <li>WITH SINGLE DEVICE RING AND COVER - (1) 3/4" DIA CONDUIT - STUBBED ABOVE CEILING - DEVICES BY OTHERS</li> <li>FIRE ALARM PULL STATION - OUTLET ONLY - PROVIDE (1) 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - TOP OF OPERATING HANDLE MOUNTED BETWEEN +42" TO +48" A.F.F DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SQ. SINGLE GANG J-BOX WITH BLANK WEATHERPROOF COVER - MOUNTED +90" A.F.F. TO CENTERLINE - DEVICE BY OTHERS</li> <li>VISUAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT SO THAT LENS IS BETWEEN 80"-96" A.F.F. (CEILING MOUNT PER NFPA72 TABLE 6-4.4.1(b) ) DEVICE BY OTHERS.</li> <li>MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED +80" A.F.F. TO CENTERLINE BUT NO GREATER THAN +96" - DEVICE BY OTHERS</li> <li>MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED +80" A.F.F. TO CENTERLINE BUT NO GREATER THAN +96" - DEVICE BY OTHERS</li> <li>THERMOSTAT - TOP OF BOX MOUNTED ⊕ +48" A.F.F.</li> <li>ULTRASONIC OCCUPANCY SENSOR - MOUNTED TO FINISH</li> </ul>	
<ul> <li>4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - TOP OF OPERATING HANDLE MOUNTED BETWEEN +42" TO +48" A.F.F DEVICE BY OTHERS</li> <li>FIRE ALARM HORN - OUTLET ONLY - 4" SQ. SINGLE GANG J-BOX WITH BLANK WEATHERPROOF COVER - MOUNTED +90" A.F.F. TO CENTERLINE - DEVICE BY OTHERS</li> <li>VISUAL FIRE ALARM ALARM - OUTLET ONLY - 4" SQ. BOX WITH SINGLE DEVICE RING AND COVER - MOUNT SO THAT LENS IS BETWEEN 80"-96" A.F.F. (CEILING MOUNT PER NFPA72 TABLE 6-4.4.1(b) ) DEVICE BY OTHERS.</li> <li>MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED +80" A.F.F. TO CENTERLINE BUT NO GREATER THAN +96" - DEVICE BY OTHERS</li> <li>MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED +80" A.F.F. TO CENTERLINE BUT NO GREATER THAN +96" - DEVICE BY OTHERS</li> <li>ULTRASONIC OCCUPANCY SENSOR - MOUNTED TO FINISH</li> </ul>	
	AL.
<ul> <li>MINI HORN BOX - OUTLET ONLY - SINGLE DEVICE RING AND COVER - MOUNTED +80" A.F.F. TO CENTERLINE BUT NO GREATER THAN +96" - DEVICE BY OTHERS</li> <li>THERMOSTAT - TOP OF BOX MOUNTED @ +48" A.F.F.</li> <li>ULTRASONIC OCCUPANCY SENSOR - MOUNTED TO FINISH</li> </ul>	
ULTRASONIC OCCUPANCY SENSOR - MOUNTED TO FINISH	
ELECTRICAL PANEL - MOUNTED FLUSH WITH WALL FINISH U.O.N. PRE-CHECK (PC) DOCUMENT - CODE: 2013 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQU	3 CBC
2'x4' LED DROP IN FIXTURE, MODEL: LITHONIA VTLED 4000K SP41 - 40 WATTS MAX (60 WATTS ALLOWABLE AT CZN 16)       REVISIONS         OR EQUAL       A	
24 HOUR EMERGENCY LIGHTING WITH BATTERY BACK-UP - WHERE TWO OR MORE EXITS ARE REQUIRED	
Scale:       AS NOTED         Emergency exit light – where two or more exits are required optional       Date:       10/12/15         Sheet number       Sheet number	
INCANDESCENT EXTERIOR LIGHT FIXTURE @ EACH DOOR E1.0	
ELECTRICAL SYMBOLS	



PANEL: A VOLTS: S/N: SINGLE 120/240 150 WATTINO.I WATTS I OBJECT PER OF LCL A B BRKP DESCRIPTION 5 TON A/C 5 TON A/C 6160 6160 NT GFCI <u>180 2</u> 180 1 EXT GFCI INT 2x2 LIGHTS 39 2 x INT 2x4 LIGHTS 45 7 x 30 1 EXT LIGHT EXIT LIGHT 11 1 INSTA-HOT INSTA-HOT 4000 LEG TOTALS 10628 10666 CL=3553.25+29418=32971.25 TOTAL WATTS=32971.25

LOAD PANEL LAYOUT

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/	#6	3		X	4	#12	1	20		1500	X	1	1500	REFRIDGERATOR
2	#6	5	X		6	#12	2	20	1500			1	1500	INSTA-HOT
1	#6	7		Х	8	#12	1			1500			1500	INSTA-HOT
1	#12	9	Х		10	#12	1	20	540			3	180	RECEPTS
1	#12	11		X	12	#12	1	20		720		4	180	RECEPTS
1	#12	13	X		14	#12	1	20	720			4	180	RECEPTS
1	#12	15		X	16	#12	1	20		144		1	144	EXHAUST FAN
		17	X		18				0					
		19		X	20					0				
		21	X		22				0					
		23		X	24					0				
		25	X		26				0					
		27		X	28					0				
		29	X		30				0					
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		37	X		38	******			0			1		
		39	-	X	40					0	1		**********************	
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****						1999 (1999) - Yellow Ste	*****						87.1674.0601.6674	
LE	G BAL	ANC	E	***	1.	2%	arad a tala sao rasia a				TOT	AL A	IMPS:	137.38

\* NOTE:

FIRE ALARM DEDICATED CIRCUIT SHALL BE IDENTIFIED WITH A RED MARKED DISCONNECT WITH LOCK-ON CAPABILITY (NFPA 72 10.6.5.2)

# FIRE ALARM SYSTEM

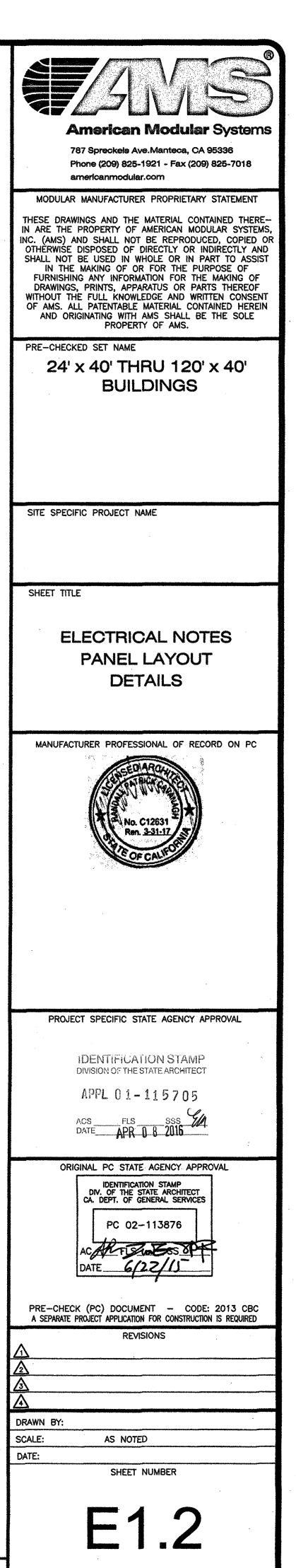
- 1. THE FIRE ALARM SYSTEM SHALL CONFORM TO THE CALIFORNIA ELECTRICAL CODE, CALIFORNIA FIRE CODE AND THE CALIFORNIA BUILDING CODE.
- INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHAL LISTINGS FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY DSA.
- UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A 3. SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY.
- JUNCTION BOXES GALVANIZED SHEET METAL, SQUARE OR RECTANGULAR WITH BLANK COVERS. LOCATE ONE BOX AT REAR OF BUILDING NEAR MAIN ELECTRICAL PANEL @ +18" ABOVE FINISH FLOOR FOR FUTURE CONNECTION.
- COVERS- INSTALL GASKETED, METAL, WATERPROOF, FINISH COVERS AT 5. EXTERIOR LOCATIONS. INSTALL FINISH COVERS AT INTERIOR LOCATIONS.
- 6. THE AUTOMATIC ALARM SYSTEM SHALL BE INSTALL, TESTED, AND MAINTAINED IN ACCORDANCE WITH THE STATE FIRE MARSHALL'S REGULATIONS (CBC SEC. 907.2.3) AND THE 2013 EDITION OF NFPA 72.
- THE LOCATION OF AUTOMATIC DETECTORS, MANUAL STATIONS AND OTHER FIRE ALARM EQUIPMENT AND DEVICES, AS SHOWN ON PLAN, ARE FOR REFERENCE ONLY AND DO NOT CONSTITUTE SHOP DRAWINGS WHICH ARE REQUIRED FOR REVIEW AND APPROVAL
- ALARM-INDICATING DEVICES OF A FIRE ALARM SYSTEM INTENDED TO ALERT ALL OCCUPANTS SHALL CAUSE A LEVEL OF AUDIBILITY OF NOT LESS THAN 15 dBA ABOVE THE AVERAGE AMBIENT NOISE LEVELS OR 5dBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF 60 SECONDS WHICH-EVER IS GREATER, MEASURED 5' ABOVE THE FLOOR, AMBIENT NOISE LEVELS MEANS THE LEVEL WHICH CAN NORMALLY BE EXPECTED WHEN THE FACILITY. BUILDING, ROOM, OR AREA IS FUNCTIONING UNDER NORMAL OPERATING OR WORKING CONDITIONS (NEPA 72, SEC. 18.4.1)
- THE ALARM SYSTEM SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNINGS SHALL HAVE A FLASH RATE NOT EXCEEDING TWO FLASHES PER SECOND (2 HZ) NOR BE LESS THAN ONE FLASH EVERY SECOND (1 HZ). STROBE SIGNALING DEVICES FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHALL APPROVED AND LISTED (NFPA 72. SEC. 18.5.3)
- 10. AUTOMATIC FIRE ALARM SYSTEM SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 CHAPTER 26 AS AMENDED BY ARTICLE 91. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UUJS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BY ARRANGED BY OWNER. IF TESTING RESULTS DETERMINE FIRE ALARM AUDIBILITY DOES NOT MEET 10db OVER AMBIENT NOISE LEVELS, ADDITIONAL FIRE ALARM SIGNALING DEVICES MAY BE REQUIRED BY THE ENFORCING AGENCY.

# GENERAL NOTES

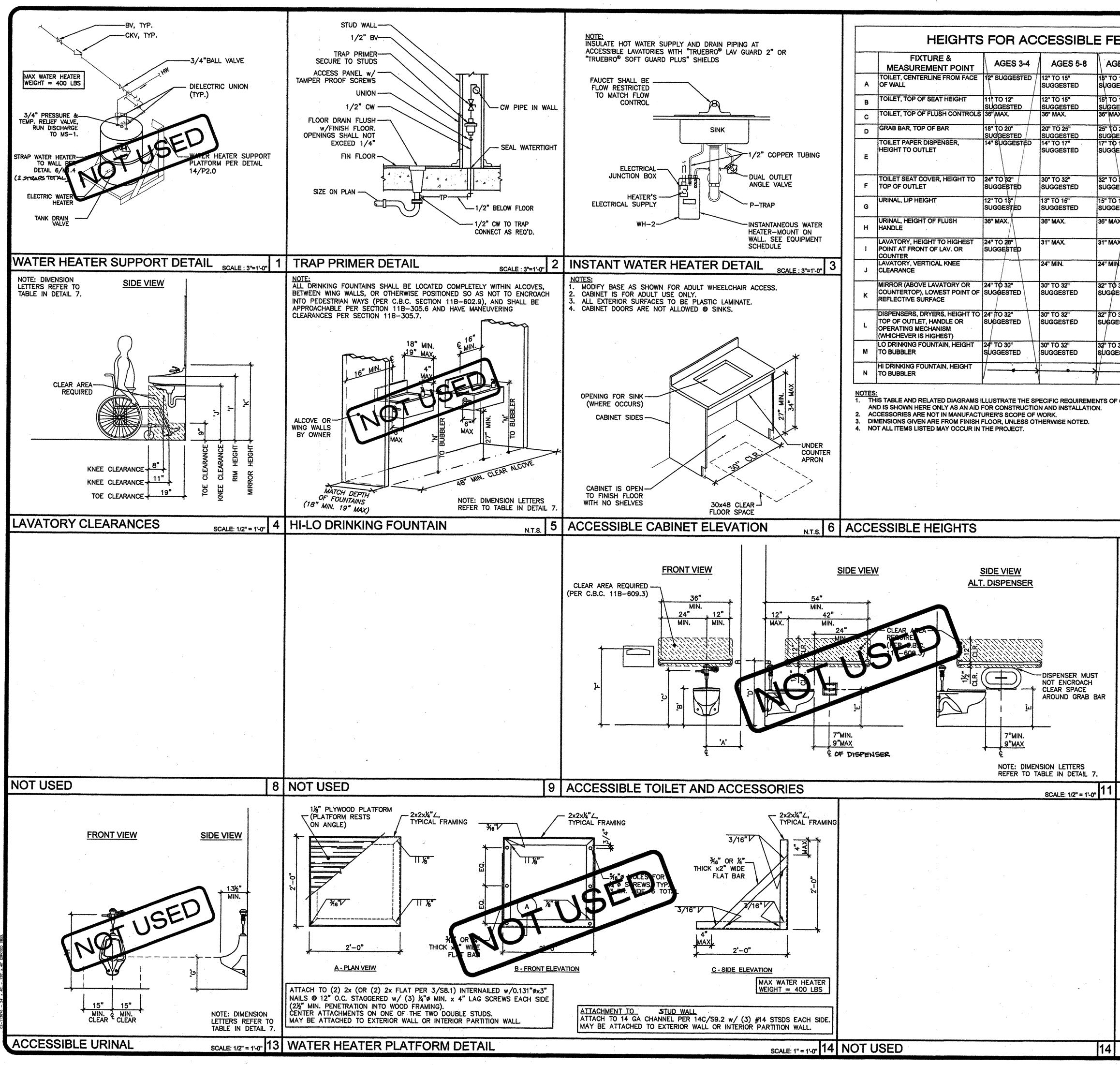
- . GROUNDING ELECTRODE CONDUCTOR SIZED PER CEC.
- 2. PROVIDE BONDS TO BLDG. STEEL & PANEL (#8 CU)
- 3. PANEL TO LISTED FOR USE AS SERVICE EQUIPMENT.

FIXTURE NOTES:

- ALL FLUORESCENT LIGHT FIXTURES SHALL HAVE ENERGY SAVING LAMPS AND BALLASTS.
- LUMINATES/BALLASTS SHALL BE CERTIFIED PER CALIFORNIA BUILDING CODE, 2. TITLE 24.
- FLUORESCENT LIGHT FIXTURE TYPE "A" SHALL BE CONTROLLED TO PROVIDE TWO LEVELS OF LIGHTING. SWITCH (SA) SHALL CONTROL THE TWO OUTER LAMPS AND SWITCH (SB) SHALL CONTROL THE TWO INNER LAMPS. ELECTRICAL
- 1. ELECTRICAL SERVICE DROP AND CONNECTIONS SUPPLIED BY OTHERS.
- 2. MANUFACTURER TO PROVIDE STUB-OUT FROM BACK OF ELECTRICAL PANEL THROUGH THE EXTERIOR WALL OR TO BELOW FLOOR FOR RECEIVING EITHER UNDERGROUND OR OVERHEAD SERVICE & FITTING FOR GROUNDING CABLE.
- 3. ELECTRICAL PANEL BOARD SHALL BE RECESS MOUNTED INSIDE THE BUILDING. SIZED TO ACCOMMODATE ALL CONNECTED LOADS INCLUDING SPACES AS SHOWN. OVERCURRENT PROTECTIVE DEVICES IN THE PANEL BOARDS HAVE ADEQUATE SHORT CIRCUIT INTERRUPTING CAPACITY. ALL BUSES INCLUDING BUS SHALL BE COPPER OR ALUMINUM.
- 2X4 FLUORESCENT FIXTURES SHALL BE STEEL FRAME, LENS SHALL BE HINGED AND LOCKED IN PLACE BY TWO LOCKING DEVICES. THE LENS DIFFUSERS SHALL BE KHS, INC. #KSH-2, CAROLITE, INC. #C-12 OR PLASKOLITE, INC. #PL21A. MINIMUM LENS THICKNESS SHALL BE .125 INCH.
- 5. FLUORESCENT BALLAST SHALL BE ENERGY SAVER WHILE MAINTAINING FULL LIGHT OUTPUT, CLASS "P" EQUIPPED WITH THERMAL PROTECTORS, GUARANTEED AGAINST FAILURE FOR (2) YEARS AND BE REPLACED FROM INSIDE THE FIXTURE.
- 6. CLOCK 12" DIAL CLOCK ON CLOCK OUTLET.
  - A) CLOCK SHALL BE GENERAL ELECTRIC MODEL 2912 129V 60 CYCLE
  - B) CLOCK OUTLET SHALL BE BRYANT #2828 OR EQUAL WITH SEPARABLE HANGING CLIP & APP'D RECEPT. THE H.V.A.C. UNIT FEEDER CIRCUIT - PANEL CIRCUIT BREAKER, FEEDER WIRE, UNIT DISCONNECT AND FUSES (WHERE USED) - IS TO BE COORDINATED WITH THE NAME PLATE DATA AT THE TIME OF MANUFACTURE. H.V.A.C. UNITS HAVING KVA RATINGS LARGER THAN THAT INDICATED ON THIS PANEL SCHEDULE WILL NOT BE ALLOWED TO BE INSTALLED ON THIS BUILDING. IF 60 DEGREES
  - WIRE IS TO BE USED IN THIS INSTALLATION, CALCULATIONS C. DEMONSTRATING AMPACITY BE PROVIDED ON THE DRAWING.

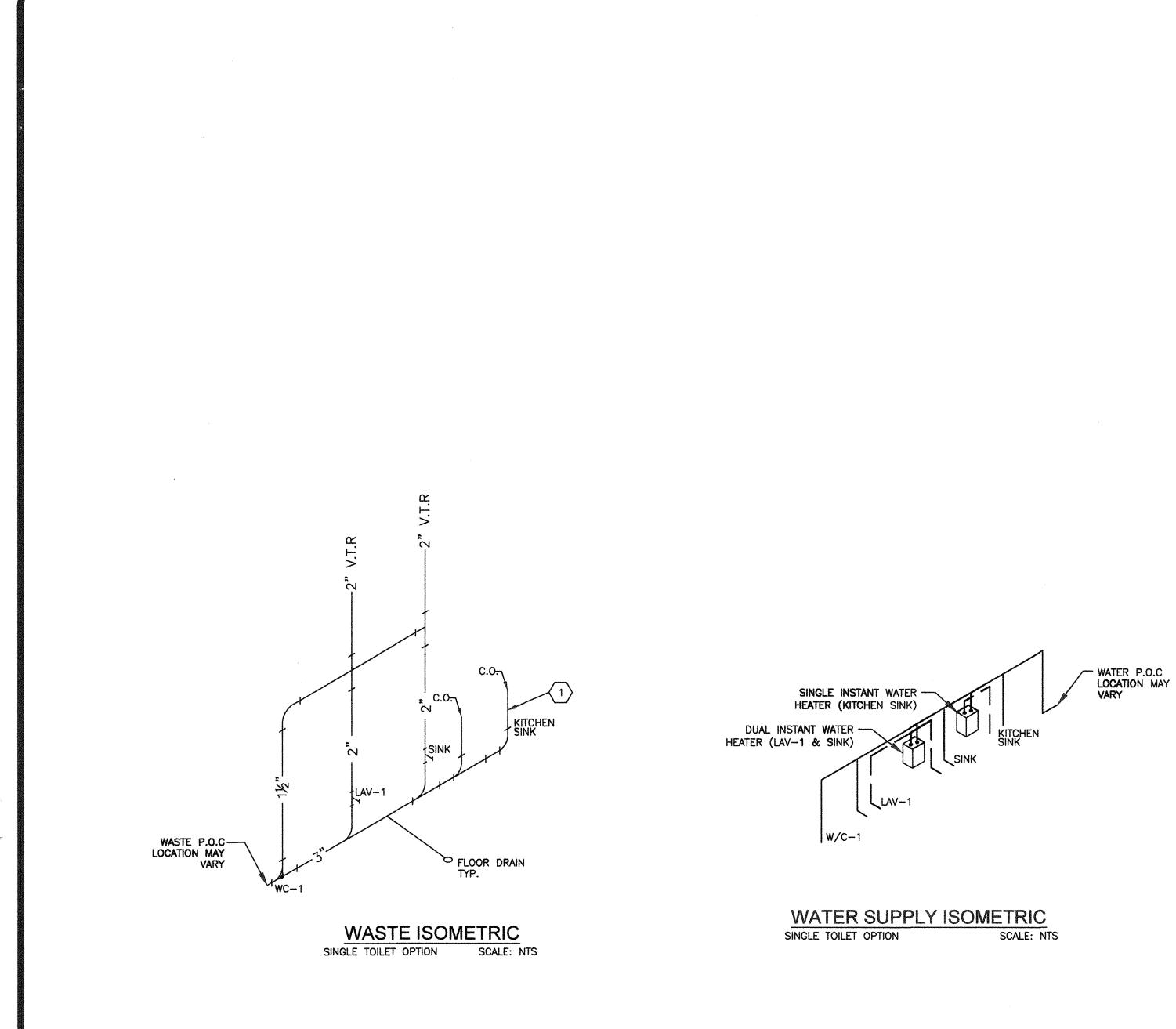


**GENERAL NOTES** 



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		DILET FACILITIES	
	AGES 13		
	AGES 13 -ADULT 17" MIN. TO 18" MAX,	NOTES	American Modular Systems
17"	17" MIN. TO 19" MAX.		787 Spreckels Ave. Manteca, CA 95336 Phone (209) 825-1921 - Fax (209) 825-7018 americanmodular.com
	44" MAX.	FLUSH CONTROLS SHALL BE LOCATED ON OPEN SIDE OF TOILET.	MODULAR MANUFACTURER PROPRIETARY STATEMENT
ESTED /	33" MIN. TO 36" MAX. 19" MIN.	CENTERLINE OF DISPENSER OUTLET SHALL BE BETWEEN	THESE DRAWINGS AND THE MATERIAL CONTAINED THERE- IN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS,
ESTED		7" TO 9" IN FRONT OF THE TOILET. OUTLET OF DISPENSER MUST BE BELOW GRAB BAR. DISPENSER (INCLUDING FULL TOILET PAPER ROLL) MUST NOT ENCROACH INTO	INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST
9 36" ESTED	40" MAX.	FULL TOILET PAPER ROLL) MUST NOT ENCROACH INTO REQ'D GRAB BAR CLEARANCE.	IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT
	17" MAX.		OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.
x.	44" MAX.		PRE-CHECKED SET NAME
×	34" MAX.		24' x 40' THRU 120' x 40'
	29"-27" OVER THE		BUILDINGS
36"	8" DEPTH SHOWN 40" MAX.	MIRROR NOT LOCATED ABOVE LAVATORY OR	
ESTED		COUNTERTOP SHALL BE MOUNTED SO THAT LOWEST EDGE OF REFLECTING SURFACE IS 35" MAX. ABOVE FINISH FLOOR.	
36" ESTED	40" MAX		SITE SPECIFIC PROJECT NAME
36" ESTED	36" MAX.		
	38" MIN. TO 43" MAX.		
	E 24 (2013 C.B.C. SEC	CTION 11B-601)	SHEET TITLE
	J.J. J.J. V. DEI		PLUMBING DETAILS
			AND ACCESSIBLE DETAILS
		· · · · · · · · · · · · · · · · · · ·	MANUFACTURER PROFESSIONAL OF RECORD ON PC
		7	SEASED ARCHITCH
		N.T.S. /	JET MUEL
			No. C12631 Ren. <u>03-31-17</u>
	-	FRONT VIEW	FIE OF CALIFORN
		INSULATE HOT WATER SUPPLY AND	PROJECT SPECIFIC STATE AGENCY APPROVAL
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		DRAIN PIPING AT ACCESSIBLE LAVATORIES WITH "TRUEBRO® LAV GUARD 2" OR "TRUEBRO® SOFT	
-		GUARD 2 OK TROEBRO' SOFT GUARD PLUS" SHIELDS OR EQUAL	IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT
ļ			APPL 01-115705
		· · · · · · · · · · · · · · · · · · ·	ACS APPESD & 20165 SM
	1 MIN. & CLE	AR NOTE: DIMENSION LETTERS	
		REFER TO TABLE IN DETAIL 7.	ORIGINAL PC STATE AGENCY APPROVAL
LAVA	IURY & A	CCESSORIES SCALE: 1/2" = 1'-0" 12	DIV. OF THE STATE ARCHITECT CA. DEPT. OF GENERAL SERVICES
1. DWV F	PIPING SHALL BE		PC 02-113876
2. COLD	WATER SUPPLY	SHALL BE TYPE L COPPER	ACATUFLE 6/22/11
VENTS	S SHALL TERMINAT	FOOT MAY SLOPE 4" CI AT 1/8" PER FOOT TE NOT LESS THAN 10 FEET FROM OR AT IY WINDOW, DOOR, AIR INTAKE OR VENT	DATE 6/22/11
SHAFT	, NOR LESS THAN	N 3FT. IN EVERY DIRECTION FROM ANY LOT ET EXCEPTED; EXTEND 6" ABOVE THE ROOF	PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
			REVISIONS
	· <u>·</u>		
	· · ·		$\frac{23}{\Delta}$
•			DRAWN BY:
			SCALE: AS NOTED DATE: SHEET NUMPER
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			Γ <b>Ζ.</b> υ
	Gl	ENERAL NOTES	



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MARK	FIXTURE*	TY <b>PE AT</b> KINDERGARTEN	TYPE AT ELEMENTARY
WC 2		FLO <b>OR MOU</b> NT TANK TYPE AME <b>RICAN</b> STANDARD #31 <b>28.001 FOR B</b> OWL #401 <b>9.228 FOR T</b> ANK	FLOOR MOUNT TANK TYPE KOHLER 'HIGHLINE' MODEL K-3999 OR EQUAL
$\begin{pmatrix} L \\ 1 \end{pmatrix}$		AMERICAN STANDARD MODEL LUCERNE 0356.421 OR EQUAL	
$\begin{pmatrix} M \\ 1 \end{pmatrix}$		WALL MOUNT TYPE BRADLEY MODEL 781–1830 OR EQUAL	
GB 1	GRAB BARS	WALL MOUNT TYPE CREATIVE SPECIALTIES INTERNATIONAL MODEL R7436 (1 1/4"	
GB 2	42" GRAB BARS	EXPOSED SCREW 36" & 42") OR EQUAL	
WH 2	INSTA-HOT WATER HEATER	CHR <b>ONOMIT</b> E INSTA-HOT	
CS 1	CLASSROOM SINK	TEK <b>A SINGLE BOW</b> L SINK MODEL <b>#256-413</b> OR EQUAL	

\*ALL WATER FIXTURES MUST MEET REQUIREMENTS OF CAL-GREEN TITLE 24, PART 11, SECTION 5.303.3 "WATER CONSERVING PLUMBING FIXTURES & SETTINGS".

		<image/> <section-header><section-header><text><text><text><text><text></text></text></text></text></text></section-header></section-header>
TYPE AT ADULT FLOOR MOUNT TANK TYPE KOHLER 'HIGHLINE' MODEL K-3999 OR EQUAL	REMARKS LOCATE AS SPECIFIED ON FLOOR PLANS. MOUNT ACCESSIBLE FIXTURES PER SCHEDULE 7/P2.0 AMERICAN STANDARD SINGLE CONTROL LAVATORY FAUCET MODEL 2175.205 w/ CHICAGO FAUCET NON-AERATING SPRAY © 0.50 G/MIN, MODEL #E2605JKABCP OR EQUAL. MOUNT AS SPECIFIED IN FLOOR PLANS. MOUNT ACCESSIBLE	SITE SPECIFIC PROJECT NAME SANTA CLARA COUNTY OF EDUCATION SANTA TERESA ELEMENTARY SHEET TITLE PLUMBING ISOMETRIC DRAWINGS
	FIXTURES PER SCHEDULE 7/P2.0 MOUNT AS SPECIFIED IN FLOOR PLANS. MOUNT ACCESSIBLE MIRROR PER SCHEDULE 7/P2.0 18 GA. 304 STAINLESS STEEL SATIN FINISH MOUNT AS SPECIFIED IN FLOOR PLANS AND PER SCHEDULE 7/P2.0. (STRUCTURAL STRENGTH OF GRAB BARS 250# MIN.)	MANUFACTURER PROFESSIONAL OF RECORD ON PC
	LOCATE AS SPECIFIED ON FLOOR PLANS. MOUNT ACCESSIBLE FIXTURES PER SCHEDULE 7/P2.0	PROJECT SPECIFIC STATE AGENCY APPROVAL
		APPL 0 1 - 11 5 7 0 5 ACS FLS SSS ACC DATE APR 0 8 2016 ORIGINAL PC STATE AGENCY APPROVAL
	<ul> <li>KEY NOTES</li> <li>4" CLEAN OUT</li> <li>VENT 90</li> <li>VENT CROSS</li> <li>4" QUARTER BEND</li> <li>SMITH#0600 CARRIER</li> <li>2" SANITARY TAP TEE</li> <li>7 4x4x2 COMBINATION WYE 1/8 BEND</li> <li>8 2x2x1 1/2 SANITARY TEE</li> <li>9 4" DOUBLE COMBINATION</li> <li>10 2"x18" LONG CU AIR CHAMBER</li> <li>11 1" CW STUB AT WATER CLOSETS</li> <li>3/4" CW STUB AT URINALS</li> <li>13 1/2 CW STUB AT LAVATORIES</li> </ul>	BASED ON PC# 02-113876   PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC   A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED   REVISIONS   A   A   A   A   A   A   A   A   A   A   B   SCALE:   AS NOTED   DATE:   10/12/15   SHEET NUMBER   PAG.

			p	age 1 of 3			
DEPA	ARTIMENT OF GENERAL SERVICES	DSA-103 rev 12/20/13 Statement of S Inspections -	Structural Te	sts & Sp	Date Submitted:	DSA File No.:	evised:
School Name	*			District	an an an an an an an an an an an an an a	R	evised:
requi the E of all form frami	ORTANT: This form is only a sur- irred for the project. The actual te DSA approved documents. The p I facets of construction, including such as structural wood framing ing, anchorage of non-structural IE: This form is also available for	sts and inspections must be roject inspector is responsible but not limited to, special insp , high-load wood diaphragms, components, etc., per Title 24	performed as detailed on e for providing inspection pections not listed on this , cold-formed steel 4, Part 2, Chapter 17A.	tests and requiren on the s selection can be c "COMPI	CTIONS: Click a plus sign (+) before a special inspections. An "X" before a ent. A shaded box indicates a test of cope of the construction and other iss of that test. Note: A minus (-) on ollapsed. However, any selections yo LE" button to show only the tests fina e DSA-103.INSTR.	a listed test or inspection r special inspection that sues. A shaded box ca a category or subcatego bu may have made will	on indicates it is a mandato t may be required, depend n be clicked indicating you gory heading indicates that be cleared. Click on the
	1.01	Note: References are	to the 2013 edition of the	ويتعادين ويرجعه والمتكر المتكري والمتكري والمتكري والمراجعات والبلي	ing Code (CBC) unless otherwise not	ed.	*******
	HUINE TEST OR SPECIAL INSE	ECTION	THE	PERFORMED	CODE REFERENCE AND NOTES	3	
Í.	SOILS						
	CONCRETE		Table 1705A. TMS 402-11/A		5-11 Table 1.19.3		
	STEEL		Table 1705A.3				
	17. STRUCTURA Material Verification		FORMED STEEL U	ISED FOR S	TRUCTURAL PURPOSES		****
x	requirements, <ul> <li>Material sizes, types and</li> </ul>	appropriately marked and that: naterial properties that comply w grades comply with requiremen	ts.	pi	By special inspector when performed off oject site without welding or fabrication.	-site; by project inspecto	r for steel shipped directly to
<b>X</b>	b. Test unidentified materials Inspection: d. Verify member locations, br	acing and all datails constructor	din	<u>  Lab  2:</u>	<b>03A.1</b> (2203.1 <sup>+</sup> ). ASTM A370.		
X v	the field. e. Verify stiffener locations, co	nnection tab locations and all	Continuous	PI Si			9. m/d. 10. m/m = 1.1. m/m, 1.1. m/m, 1.1. m/m, 1.1. m/m, 1.1. m/m, 1.1. m/m, 1.1. m/m, 1.1. m/m, 1.1. m/m, 1.1
X	construction details fabricat 19. WELDING:		Periodic		6A IR 17-3, AWS D1.1 and AWS D1.8 (/	AWS D1.3 for cold forme	d steel).
<b>x</b> .	a. Verify weld filler material ide	als, Equipment, Welders, et entification markings per AWS 6A approved documents and the	Darladia	SI	*****	****	## 10, 12 ### 410.00 (10.00 ## 10.00 ## 10.00 ## 10.00 ## 10.00 ## 10.00 ## 10.00 ## 10.00 ## 10.00 ## 10.00 ##
x	b. Verify weld filler material m compliance.		Periodic	SI		**************************************	
X	c. Verify WPS, welder qualification 19.1 SHOP WE		Periodic	SI D	SA IR 17-3.		ver war worden in the post of the post of the post of the post of the post of the post of the post of the post
X	b. Inspect single-pass fillet we c. Inspect welding of stairs and		Periodic Periodic		r AISC 360 (and AISC 341 as applicable 05A.2.2.1 Per AISC 360 (and AISC 341		17-3.
A COLOR	WOOD						
·	OTHER Welding Inspection: Special Inspec	tion Verified Report - Form DSA	٨-292				
·		ntinuous special inspection is rea		authorized repr Lab – Indicates laboratory Eva	that the special inspection is to be perfo	ormed by a testing labora See section 4-335, 2013	atory accepted in the DSA 3 CCR Title 24, Part 1.
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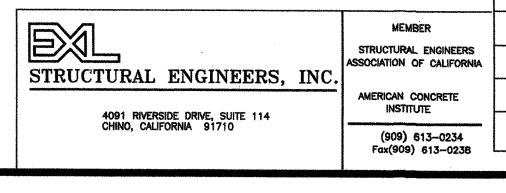
# TMP SERVICES

2929 KANSAS AVE. RIVERSIDE, CA 92507 (951) 213-3900 FAX (951) 213-3997

PC 04-113584 ACCESSIBLE RAMPS/ LANDINGS/STAIRS

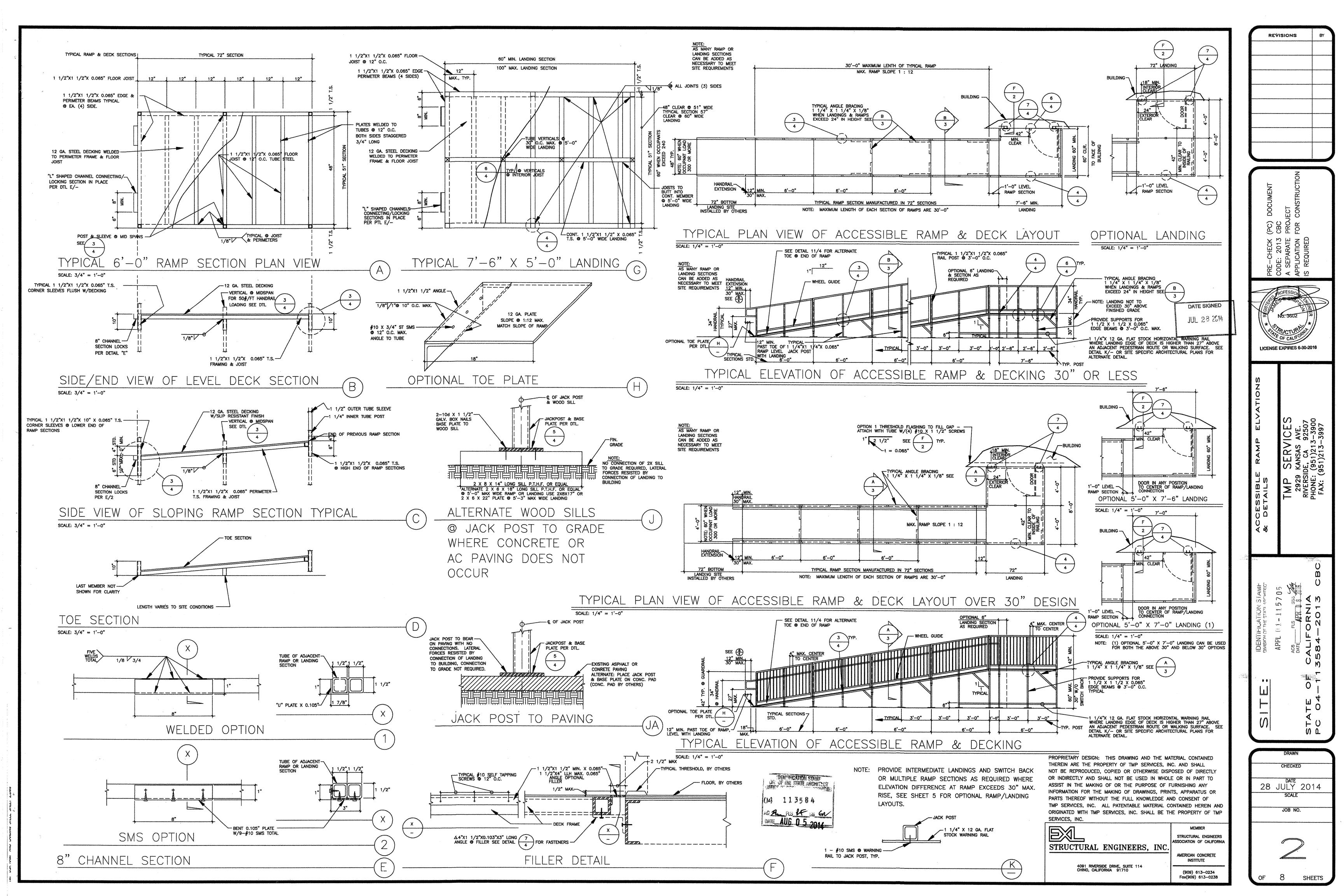
STATE OF CALIFORNIA – 2012 IBC/2013 CBC

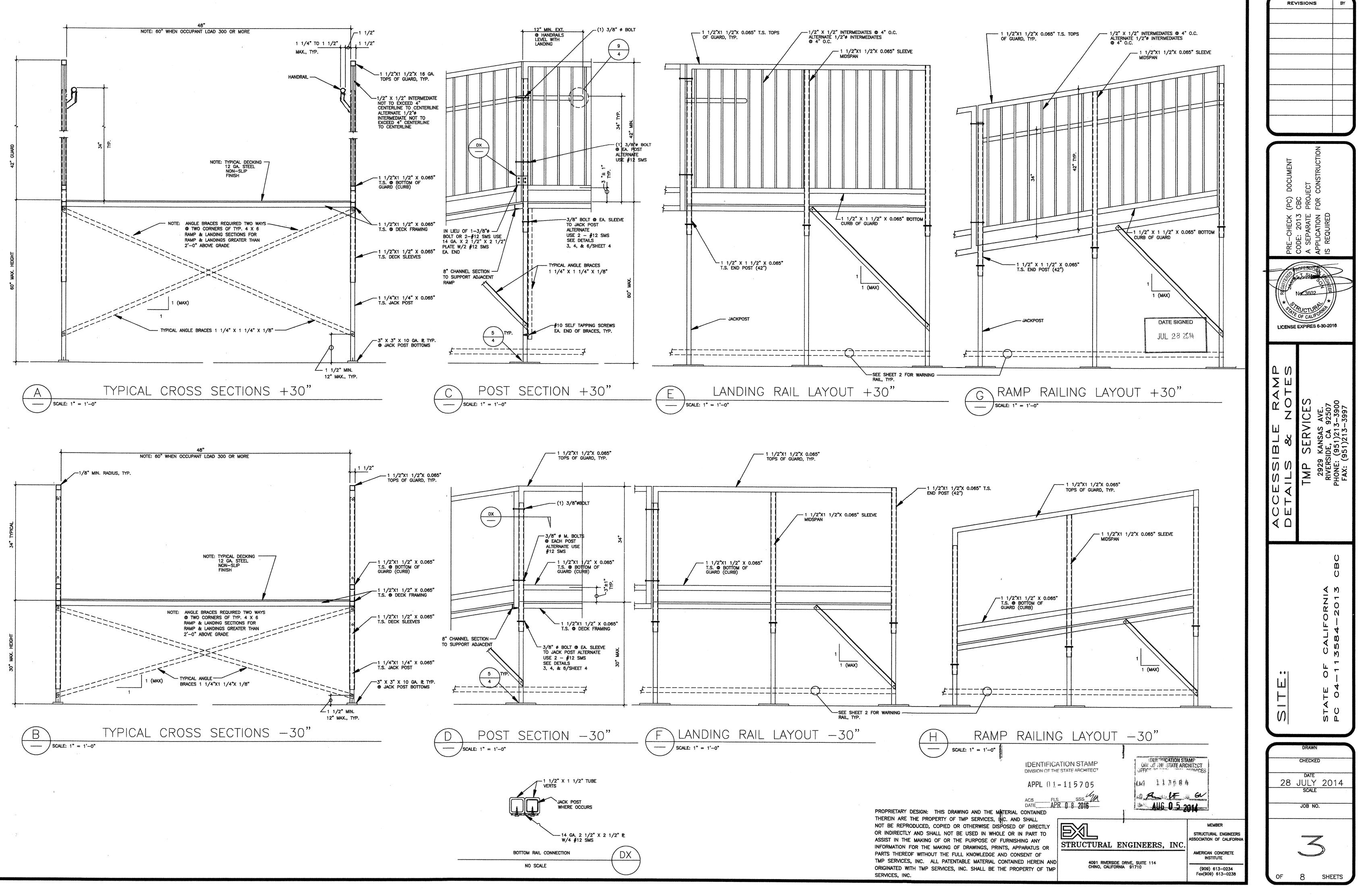
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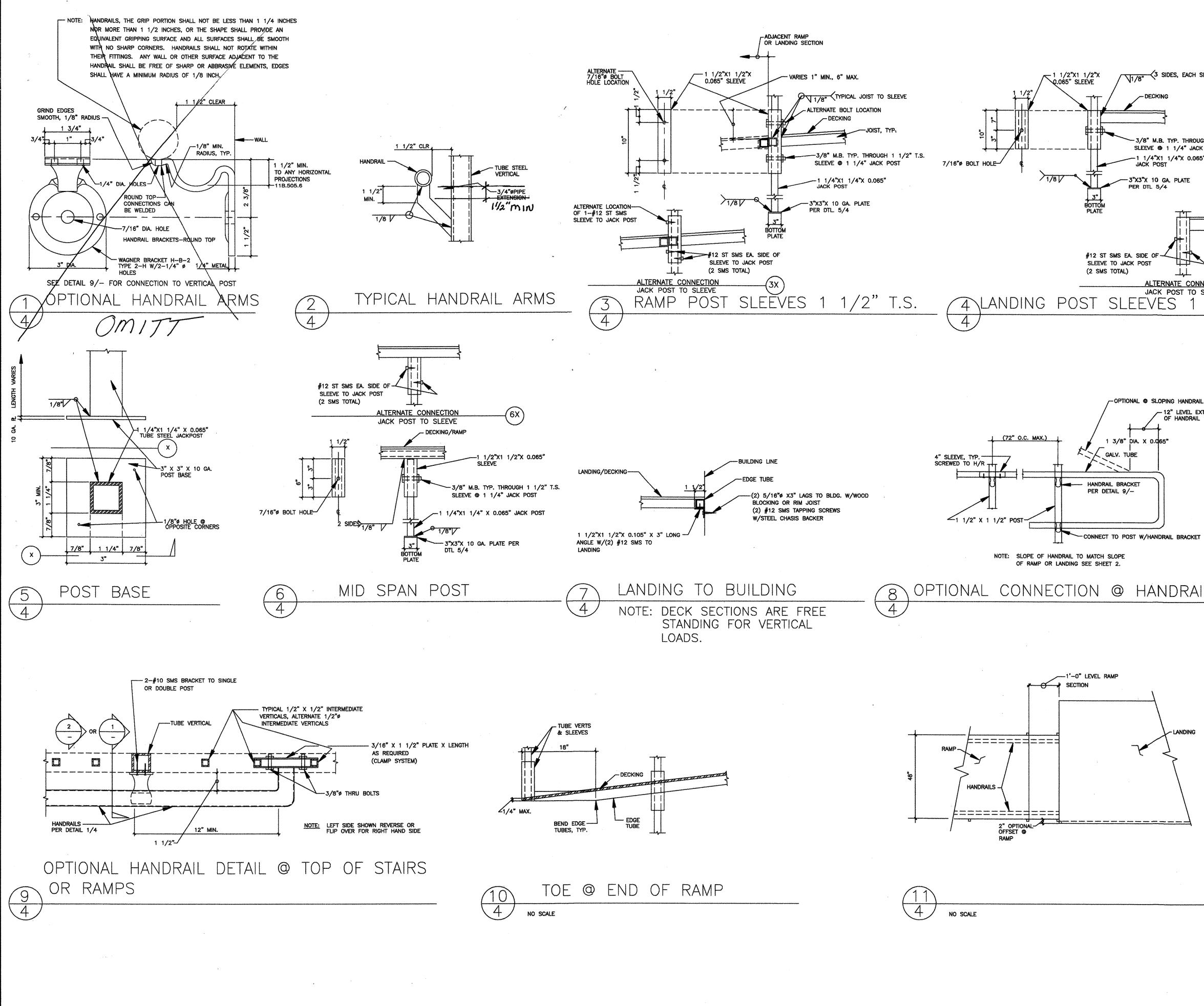


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NOTES:					
$\frac{\text{LOADS:}}{1. \text{ RAMP LIVE LOAD}} = 100 \text{ PSF}$					
2. NO SNOW LOADING	X				
<ol> <li>NO FLOOD LOADING</li> <li>WIND:</li> </ol>					
WIND SPEED = $130$ MPH RISK CATEGORY = II					******
EXPOSURE = C $K_{ZT}$ = 1.0					
WIND DESIGN PER ASCE 7-10 CHAPTER	29				
5. SEISMIC: RISK CATEGORY = II					N N N
$l_{e} = 1.25$ S <sub>S</sub> = 3.73	,			MENT	ECT CONSTRUCTION
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R = 3.25 (ASCE 7-10 TABLE 15)					TION FC
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t No Description	Dated	Revised		S	S I A S C
COVER SHEET	28 JULY 2014				VI LL
ACCESSIBLE RAMP ELEVATIONS & DETAILS	28 JULY 2014				DRAWN
ACCESSIBLE RAMP DETAILS & NOTES	28 JULY 2014	۸ .			CHECKED
ACCESSIBLE RAMP SWITCH BACK DETAILS	28 JULY 2014			28 .	date JULY 2014
STAIRS - OPTIONAL	28 JULY 2014 28 JULY 2014				SCALE
7 ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK					JOB NO.
3 ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS					
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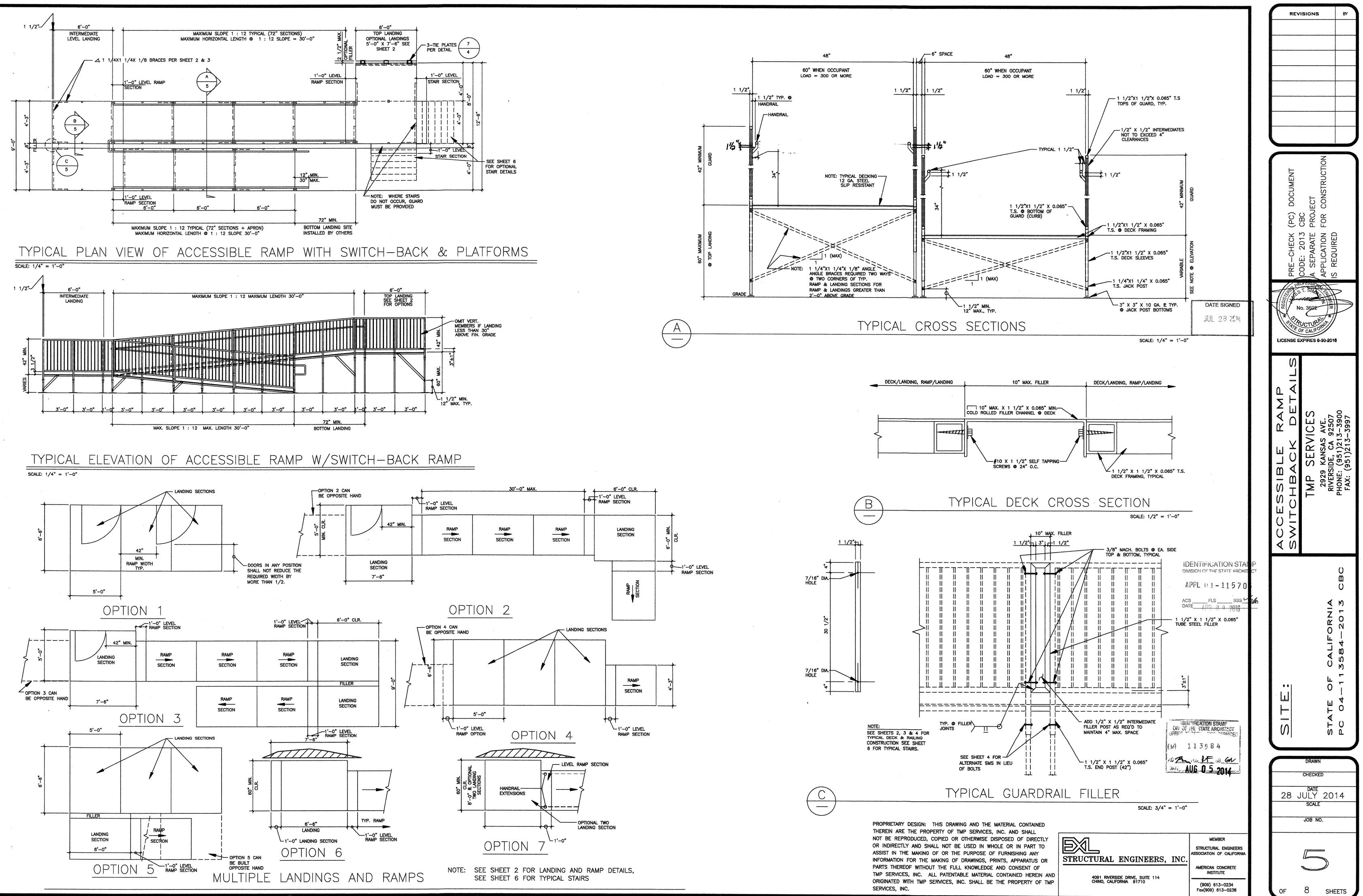
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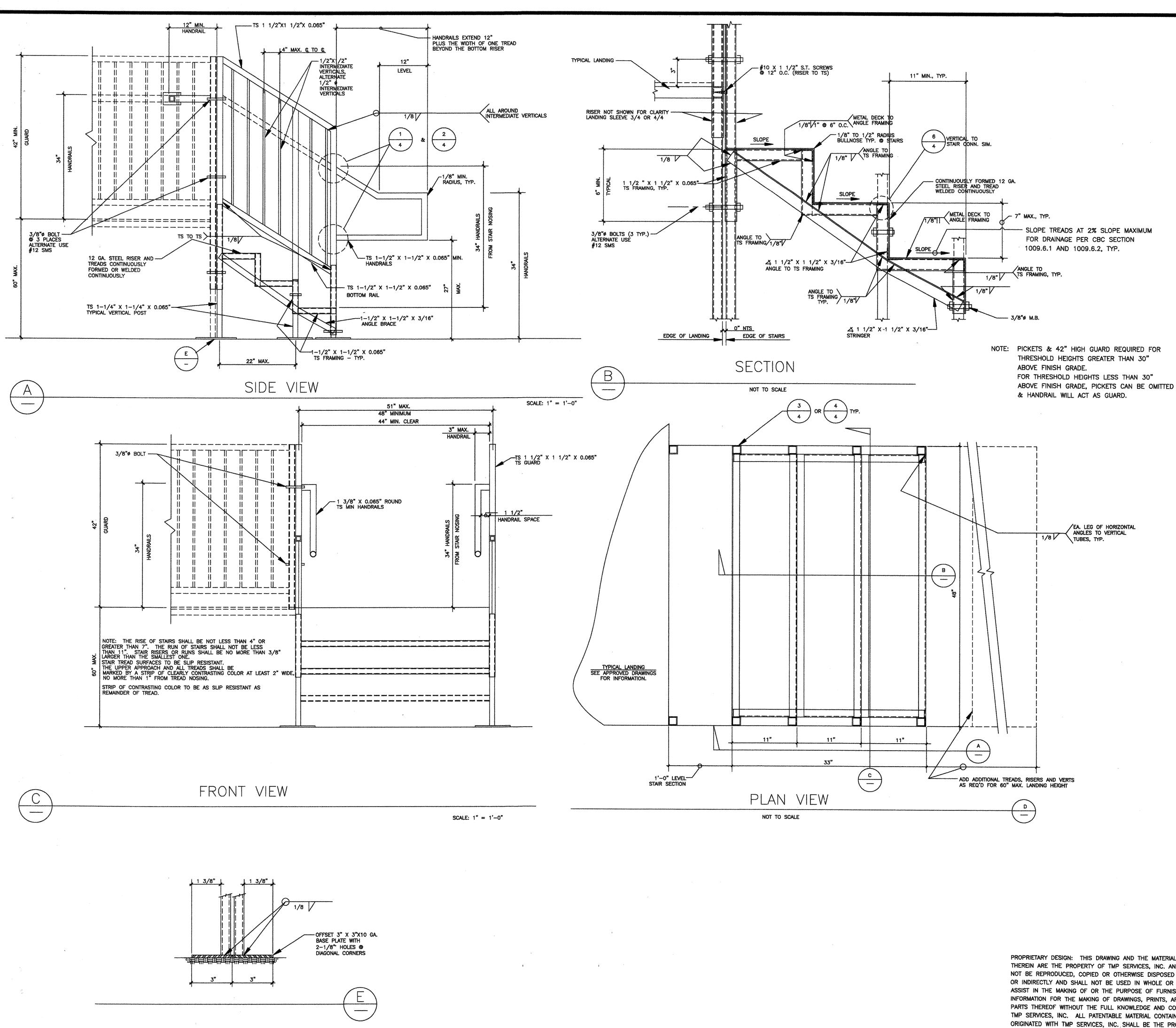






	NOTES:	RE	VISIONS BY
	CODES: 2013 CALIFORNIA BUILDING CODE (CBC)		
	DESIGN LOADS: LIVE LOAD: 100 PSF WIND LOAD: SEE SHEET 1		
SIDE & BOTTOM	SEISMIC: SEE SHEET 1 HANDRAIL & GUARD RAIL LOADS:		
	50#/FT 200# POINT LOAD		
	MATERIAL SPECIFICATIONS: STEEL: ALL TUBE STEEL ASTM A-1008 CS TYPE A OR B ( $Fy = 40KS1$ )		
GH 1 1/2" T.S.	ALL STEEL TO BE COATED WITH A RUST INHIBITIVE COATING BOLTS: ASTM A307 COMMON BOLTS HOT DIPPED GALVANZED PLYWOOD OPTION: APA RATED STRUCT I EXTERIOR PLYWOOD		
s"	WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D-1.3-2008 FOR SHEET STEEL.		
	ELECTRODES SHALL BE E70XX. GENERAL NOTES:		
	1) RAMPS HAVING SLOPES STEEPER THAN 1 VERTICAL TO 20 HORIZONTAL SHALL HAVE LANDINGS AT TOP AND BOTTOM AND AT LEAST ONE INTERMEDIATE LANDING SHALL BE PROVIDED FOR EACH		CTION
	30" OF RISE, PER CBC 11B-405.7. 2) LOCATION OF LANDINGS.	DOCUMENT	ECT CONSTRUCTION
	LANDINGS SHALL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE AND AT EACH CHANGE OF	DOC	ECT CONS
	DIRECTION . LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP.	(PC)	PROJE FOR C
	NOTE: EXAMPLES OF RAMP DIMENSIONS ARE: SLOPE MAX; RISE (INCHES) MAX. HORIZONTAL PROJECTION		
SLEEVE	1:12     30     30'-0"       1:16     30     40'-0"	Image: Constraint of the second secon	
<u>1/2"T.S.</u>	1:20     30     50'-0"       1:15     30     37'-6"	PRE-	CODE A SE APPL IS RI
	2. SIZE OF TOP LANDINGS. TOP LANDINGS SHALL NOT BE LESS THAN 60 INCHES WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60 INCHES IN THE DIRECTION OF RAMP RUN, PER CBC 11B-405.7.2 AND .3.	- 17.8	AROTESS DAW
	3) DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE LANDING TO LESS THAN 42" AND SHALL NOT		
	OPENED, CBC 118-405.7.5.		Ph at *
L.	5) THE SURFACE OF RAMPS SHALL BE ROUGHED OR SHALL BE OF SLIP-		PUCTURINIT TE OF CALIFORNIT
TENSION	RESISTANT MATERIAL, TYP. FOR LANDINGS & STAIRS.         6)       RAMPS REQUIREMENTS SHALL BE PER CBC 11B-405.	LICEN	SE EXPIRES 6-30-2016
	7) RAMPS AND STAIRWAYS USED AS EXIT SHALL CONFORM TO CBC SEC. 1009 SEC. 1010, CHAPTER 11B AND 11B-405.5.		
	8) HANDRAILS AND GUARDRAILS SHALL CONFORM TO CBC 11B-405.8 (RAMP), AND 11B-504 (STAIRS).		
	9) RAMPS SHALL CONFORM TO CBC 11B-405. 10) STRIKE EDGE EXTENSION THE WIDTH OF THE LANDING SHALL EXTEND 24" PAST	ر ا	
	THE STRIKE EDGE OF ANY DOOR OR GATE FOR EXTERIOR RAMPS AND 18" PAST THE STRIKE EDGE FOR INTERIOR RAMPS.	υЩ	CES VE. 507 997
	11) LANDING WIDTH. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR RAMPS, CBC 11B-405.7.4.		VIC VS A A 92 3-3
	12) THE WIDTH OF RAMPS SHALL BE AS REQUIRED PER STAIRWAYS AND EXITS, CBC 11B-405.5.	47	ER ANSA ANSA 1)21
L DETAIL	13) SLOPE RAMPS AND LANDINGS AS REQUIRED TO PREVENT ACCUMULATION OF WATER ON WALKING SURFACES.		TMP 292 RIVEF PHONE FAX:
	14) ALL WORK SHALL CONFORM TO TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).	Z	
	15) CHANGES TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1	<b>A</b>	
	TITLE 24, CCR. 16) A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND		
	APPROVED BY THE DIVISION OF STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR		
	ARE DEFINED IN SECTION 4.342 PART 1 TITLE 24 CCR. IN PLANT: SHOP WELDING INSPECTION		()
	AND MATERIAL VERIFICATION SITE CONSTRUCTION: CLASS 4		B C B
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	TMP SERVICES, INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATED WITH TMP SERVICES, INC. SHALL BE THE PROPERTY OF TMP SERVICES INC.		JOB NO.
	SERVICES, INC.		
	STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA		1
	STRUCTURAL ENGINEERS, INC.		
	4091 RIVERSIDE DRIVE, SUITE 114 CHINO, CALIFORNIA 91710 (909) 613-0234		
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SERVICES, INC.

DATE SIGNED JUL 28 2014

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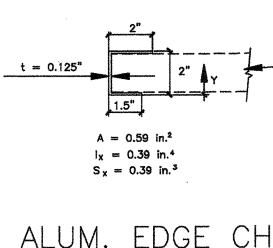
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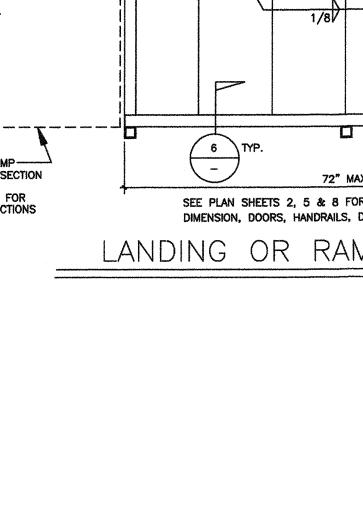
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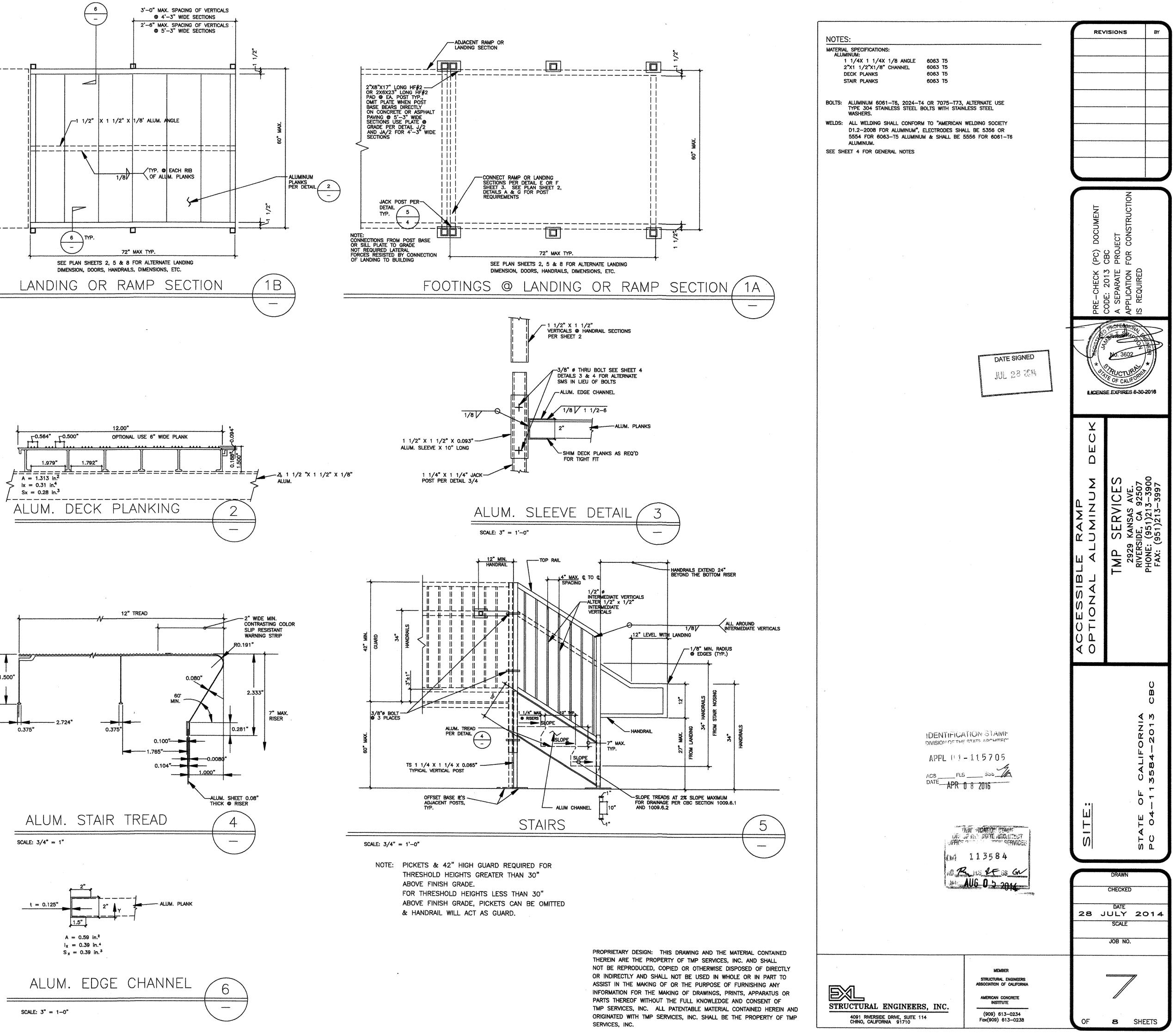
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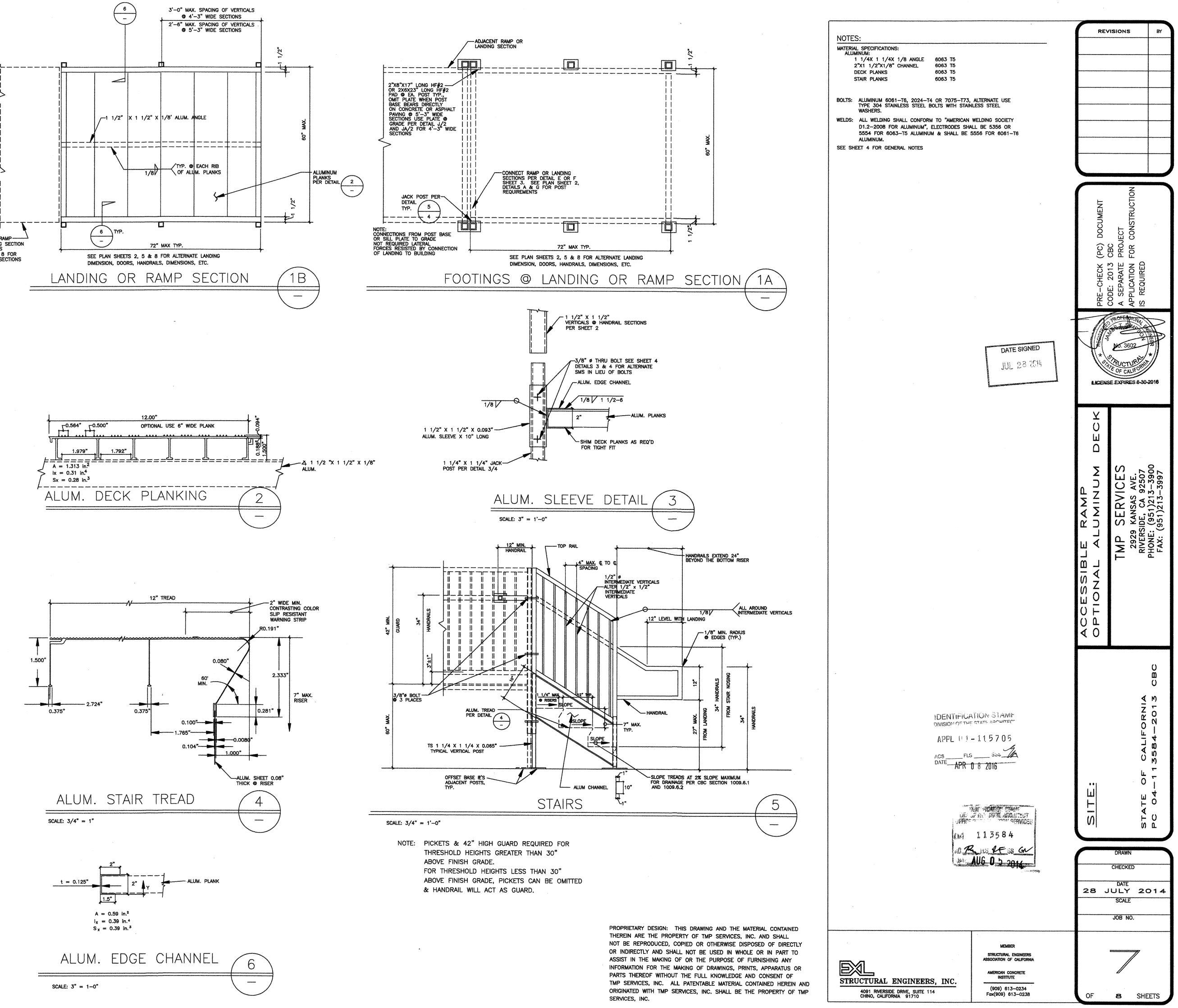
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STRUCTURAL ENGINEERS, INC.	ASSOCIATION OF CALIFORNIA
4091 RIVERSIDE DRIVE, SUITE 114 CHINO, CALIFORNIA 91710	AMERICAN CONCRETE INSTITUTE
CHINO, CALIFORNIA 91710	(909) 613-0234 Fax(909) 613-0238

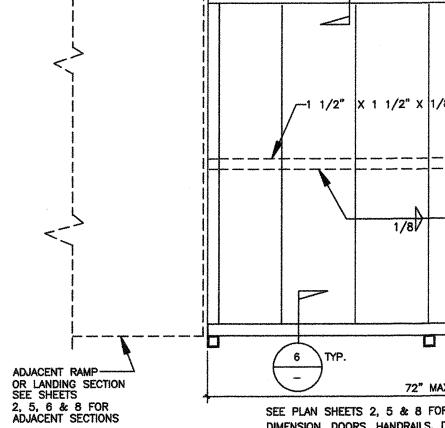
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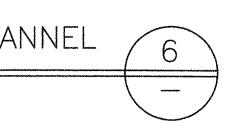


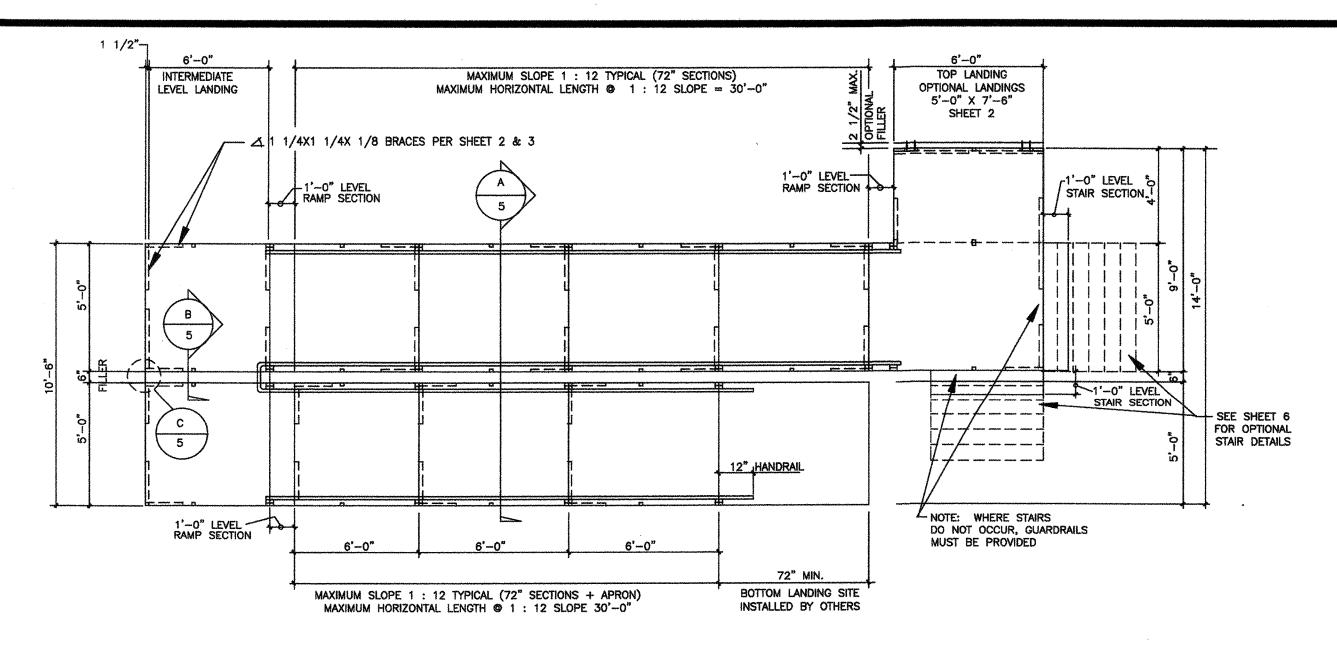




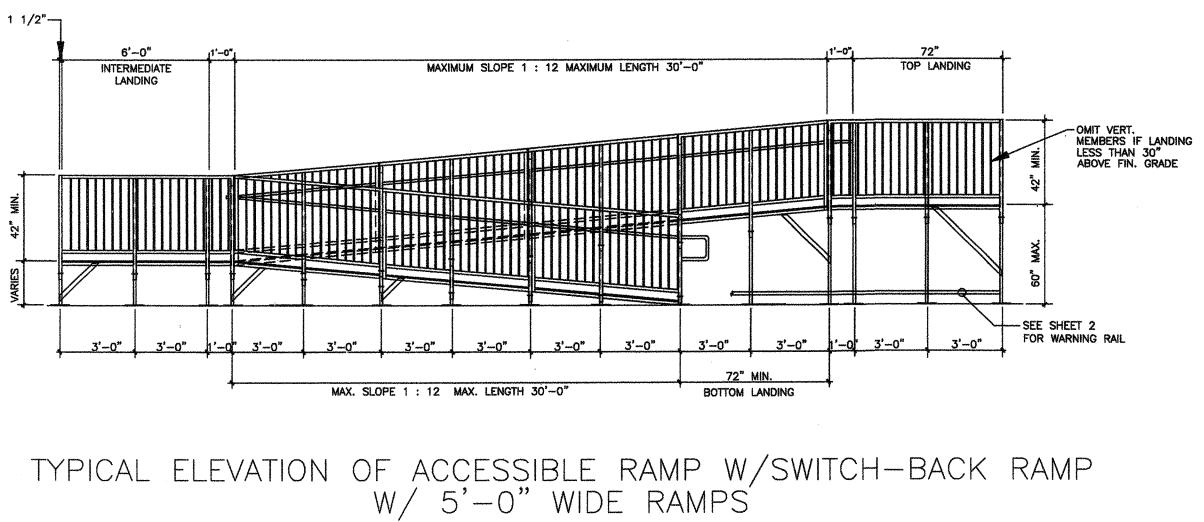








# TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS SCALE: 1/4'' = 1'-0''



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



