STATE OF CALIFORNIA

DIVISION OF THE STATE ARCHITECT

FORM **DSA-1** Rev. 4/08

APPLICATION FOR APPROVAL OF PLANS AND SPECIFICATIONS

Please Print or Type all Information - or you may fill out on-line and print for signatures

ALL FIELDS MUST BE FILLED IN PER INSTRUCTIONS

1. **Name of Facility:** Redwood Middle School Expansion at Summit Charter Academy
2. **School District (or State Agency)** Burton School District

   Mailing Address: 264 N. Westwood Street, Porterville, CA 93257
3. **Dist. Superintendent:** Dr. Gary Mekeel (Name) (559) 781 - 8020 (Telephone) gmekeel@burton.k12.ca.us (Email)
4. **Dist. Dir. of Facilities:** (Name) ( ) - (Telephone) (Email)
5. **Construction of:** (Names of New Buildings or improvements)
6. **Addition to:** (Names of Buildings or improvements) one classroom building, one multi-purpose building and related site work — Past Application Closed with DSA Certification? ☐ YES / ☒ NO
7. **Relocation of:** (Names of Buildings) — Past Application Closed with DSA Certification? ☐ YES / ☐ NO
8. **General Alterations to:** (Names of Buildings or improvemens) — Past Application Closed with DSA Certification? ☐ YES / ☐ NO
9. **Rehabilitation of:** (Names of Buildings) — **DSA Rehabilitation Pre Application #**
10. **Reconstruction of:** (Names of Buildings) — Past Application Closed with DSA Certification? ☐ YES / ☐ NO
11. **Special Review being requested**
    - ☐ This is an **Access only** project
    - ☒ **OTC review is requested** (Form DSA-145 is attached)
    - ☐ **Incremental review has been requested.** The scope of increments has been discussed with the DSA Project Intake Architect prior to submittal. Form DSA-1.INC "Definition of Scope of Increments", is attached.
12. **Project Location:** 15550 Redwood Street (Street Address)
13. **City & Zip Code:** Porterville 93257 **County of:** Tulare
14. **Project Tracking Number (PTN):** 71837-16
15. **Estimate Cost:** 9500000
16. **Is project funded by the Office of Public School Construction (OPSC)?** YES ☒ NO ☐ (If "NO" skip to line 17)

    16a. OPSC Application Number:

    16b. ☐ **Client is requesting DSA verification for an OPSC incentive grant** (not applicable if answer to 16 is "NO")
17. **Approx. Total Floor Area (Sq. Ft):** 37275
18. **Design Snow Load:**
19. **Applicant's statement of responsibility:** I certify, under penalty of perjury, that I am acting for the school District/State agency in the legal capacity of agent making application for approval of plans and specifications. I further certify that, to the best of my knowledge, the answers given on **both** sides of this application are true and correct.

    Signature of Applicant: Gary L Mekeel **Date:** Dec 16, 2008
20. **Name of Applicant:** Dr. Gary Mekeel (Please Print) **Title:** Superintendent
21. **Mailing Address:** (If Applicant different from name shown in #2 or #22)

    264 N. Westwood Street, Porterville, CA 93257

DSA USE ONLY	FEE SCHEDULE	CORRECT FEE	FEE PAID	UP/OP	REFUND
AC	3/92	$ 3250	$ 3250		
SS	11C	$ 49500	$ 49500		
DSA FILE NO.	DSA APP. NO.	DATE ASSIGNED	ESTIMATED COST		
54-10	02-110520	1-16-09	$9,500,000		

DSA

APPLICATION FOR APPROVAL OF PLANS AND SPECIFICATIONS

FORM DSA-1

22. Plans, specifications, and related work were prepared by, and observation of construction will be performed by:
(Per Title 24, Part 1, Section 4-316, of the California Code of Regulations)

Chris McLain — Print or type name of Architect or Engineer in General Responsible Charge
chris@maitpm.com — E-mail Address
C29566 — CA Reg. No.

23. Firm Name: Mangini Associates Inc.

Address: 810. W. Acequia Avenue, Visalia, CA 93291

(559) 627 - 0530 — Telephone No.
18 — Extension
(559) 627 - 1926 — Fax No.
chris@maitpm.com — E-mail Address

24. The following individual is authorized to act as Alternate to the Architect or Engineer named above:

Printed Name
Signature
CA Reg. No. Tel.# ( ) -
E-mail Address

25. If portions of the preparation of the Plan and Specifications and observation of construction were delegated, show name of Registered Engineer, and related information below:

25a.	Structural Engineer Name: Robert Dack	CA Reg. No. SE-2212	Tel.# (559) 432 - 4151	
		E-mail redack@asdiengr.com	Fax # (559) 432 - 9315	
25b.	Mechanical Engineer Name: Gilbert Nye	CA Reg. No. M-026224	Tel.# (559) 431 - 0101	
		E-mail gnye@lnaacme.com	Fax # (559) 431 - 1362	
25c.	Electrical Engineer Name: Ted Rose	CA Reg. No. E-14920	Tel.# (559) 733 - 2671	
		E-mail trose@rosesing.com	Fax # (559) 733 - 0372	
25d.	Geotechnical Engineer Name:	CA Reg. No.	Tel.# ( ) -	
		E-mail	Fax # ( ) -	

26. ☐ **This project involves delegation of responsibility other than reflected in line 25 above.** See Instructions

27. OTHER FACTORS- Check appropriate boxes

27a.	**FLOOD HAZARD** (check boxes that apply) For details, see DSA-3 Section D and 3.03V and DSA Bulletin BU 08-02	YES ☐ NO ☒	Project is located in a flood hazard area as defined by the adopted local jurisdiction flood hazard map.
		YES ☐ NO ☒	Project is Alteration/Modernization, Rehabilitation or Reconstruction and value of project is more than 50% of the pre-improvement market value of the structure.
27b.	**GEOLOGIC HAZARD** (check 1 box only)	☒	I have verified that this project does not require submittal of a Geological Hazard Report, per DSA IR A-4 , Section3.
		☐	Geological Hazard reports is required and is being (has been) submitted.
27c.	**WAIVER OF DURABILITY**	☐	(For Relocatable Buildings Only) The school district requests waiver of durability requirements for substandard foundations per IR 16-1 and acknowledges that a conditional approval is acceptable.
27d.	**WIND LOADING**	☒	(For Over The Counter projects only) I have verified this project wind exposure is C or less, has a basic wind speed of not more than 85 mph and a Topographical Factor Kzt=1.0 (ASCE 7, Sections 6.5.2, 6.5.4, 6.5.7)

28. Statement of responsibility: Architect / Engineer in General Responsible Charge

I certify under penalty of perjury that all information presented on this form is true and correct and that I understand, and will fulfill, my responsibilities as the architect/engineer in general responsible charge of this project as defined in Title 24, Part 1, Section 4-341 of the California Code of Regulations.

Signature: _____ **Date:** Dec 16, 2008

(Architect Or Engineer In General Responsible Charge)
For proper use of digital signature, see Instructions for Line 28

Indicate which Regional Office the Form DSA-1 is being submitted to:

☐ DSA San Francisco Bay Area Region, 1515 Clay Street, Suite 1201, Oakland, CA 94612
☒ DSA Sacramento Region, 1102 Q Street, Suite 5200, Sacramento, CA 95811-6550
☐ DSA Los Angeles Basin Region, 700 N. Alameda Street, Suite 5-500, Los Angeles, CA 90012
☐ DSA San Diego Region, 16680 West Bernardo Drive, San Diego, CA 92127

Disclaimer: I certify that this form is an exact duplicate (verbatim) of the form provided by the Division of the State Architect (DSA) i.e. Form DSA-1 **(Revision of 4-2008)**. In the event a conflict should exist, the language in the **current** DSA form will prevail.

Division of the
State Architect
CALIFORNIA DEPARTMENT OF GENERAL SERVICES

DSA File No.:*
DSA Application No.:*
* (if previously assigned by DSA)

FORM
DSA-3
01/11

Project Submittal Checklist

INSTRUCTIONS: At project submittal, all items relevant to the project scope(s), as indicated on this form by an "X" are required and any items indicated with an "O" are optional. All items included in this submittal must be checkmarked by the applicant in the last column on this form. This form must be submitted with the required project documents and can be completed on-line, and submitted either in: 1) hardcopy with wet signature, or 2) electronically with digital signature. Additional information, documents or justifications may be required based on the individual project, including scope, site access, and district. For DSA to perform an efficient and comprehensive plan review and evaluate compliance with California statutes and regulations, plans must be complete, legible, sufficiently detailed and cross-referenced.

For detailed instructions on the completion of this form, see DSA-3.INSTR. For optimal performance, download the most current Acrobat Reader.

NOTE: In addition to the requirements of DSA-3, provide one additional set of construction documents to DSA Headquarters for the following types of projects:

- **Pre-Check (PC) projects (see DSA Procedure #07-01). In addition, any conditioned or unconditioned PC building requires a DSA energy review.**
  See http://www.dgs.ca.gov/dsa/Programs/progSustainability/energyregs.aspx for additional documentation requirements.
- **High Performance Incentive or Energy Efficiency grant applications (If line 16b is checked on the DSA-1 Application form).**

A. Identification.

District: ABC USD
Applicant: DEF ARCHITECTS
Name of Project: GHI ELEMENTARY SCHOOL - NEW CLASSROOM BUILDING

B. Facility. Check applicable type.

☒ K-12 Built after 7/1/2002? [1] ☐ YES ☒ NO
[1] SB 575, Ch. 725, Statutes of 2001
☐ Community College
☐ **ACCESS ONLY**

C. Project Scope. Check all that apply to submittal.

1 ☒ New Construction
New Campus? [2] ☐ YES ☒ NO
[2] Constructed on new or cleared site.
2 ☐ Additions
3 ☐ Relocation
4 ☐ Alteration/ Modernization
5 ☐ Rehabilitation
6 ☐ Reconstruction

D. Flood Design. Is project located in a flood hazard area as defined by local jurisdiction flood hazard map? ☐ YES ☒ NO
If YES, for Scopes 4, 5, or 6 - Is value of project more than 50% pre-improvement market value of structure?

Part 1	Required Forms/Documents for Project Submittal	Project Scope 1	2	3	4	5	6	Provided in Project Submittal	Location/Drawing #
1.01	DSA-1, Application for Approval of Plans and Specifications	X							
A	DSA-1.INC, Identifying increments, if applicable	X							
B	Design professionals identified on DSA-1 consistent with those represented in plans	X							
1.02	**DSA-3**, Project Submittal Checklist	X							
1.03	DSA-103, Testings and Inspections List	X							
1.04	Preliminary review meeting records, if applicable	X							
1.05	Access Compliance Hardship Request, if applicable	X							
1.06	DSA-approved Evaluation and Design Criteria Report for Rehabilitation of Existing Non-Conforming Buildings for School Use (See procedure at http://www.documents.dgs.ca.gov/dsa/pubs/DSA_Rehab_Stakeholders.pdf)								

		Project Scope 1	2	3	4	5	6	Provided	Location/Drawing #
Part 2	**DSA Plan Review Fees**								
2.01	Access/Structural/Fire Life Safety plan review fees	X							
Part 3	**Construction Document Submittal**								
3.01	**General Requirements for Drawings and Specifications**	1	2	3	4	5	6		
A	Three (3 *) sets of stamped drawings and specifications *1 set for Access only projects	X							
B	Plans, elevations, sections and details cross-referenced	X							
C	Plans coordinated between all disciplines	X							
D	New and existing elements and fire rated assemblies clearly identified								
E	Bid alternates identified, when applicable	X							
F	All specification sections coordinated with scope of work	X							
3.02	**Title Sheet**	1	2	3	4	5	6		
A	Index of all sheets (each sheet to have unique sheet number)	X							
B	Scope of work description	X							
C	Increments identified, when applicable	X							
D	Re-use projects identified with prior DSA numbers when applicable	X							
E	Vicinity map including site address, scale, North arrow and cross streets	X							
F	Project Directory including phone, fax and address for owner, architect and consultants	X							
G	List of required governing codes, adopted standards and inspector classifications	X							
a.	For new campuses: The project must meet the mandatory measures of the 2010 California Green Building Standards (CALGreen) Code (Title 24, Part 11 - Effective 1/1/11)	O							
H	Complete code analysis (e.g., use, occupancy classification, allowable area, allowable bldg. height, construction type, mixed ratio, area increase justifications for each building)	X							
I	Requested deferred approvals, as applicable from list below	X							
a.	Access floors	O							
b.	Bleachers (seating layout indicated at time of submittal)	O							
c.	Elevator guide rails and support brackets	O							
d.	Exterior wall systems of precast concrete, GFRC, etc.	O							
e.	Skylights (do not defer if Engineering reports or complete information is available)	O							
f.	Stage rigging	O							
g.	Window wall systems or store fronts with spans over 10 feet	O							
h.	Others as agreed to in advance by DSA	O							

Division of the
State Architect
CALIFORNIA DEPARTMENT OF GENERAL SERVICES

FORM
DSA-10
Rev. 02/11

PROJECT FUNDING STATUS INQUIRY

This form is to be completed, signed and submitted to the Division of the State Architect (DSA) along with your initial project submittal package. DSA requires this information to determine each project's funding status, your ability to promptly begin construction upon plan approval, and any special funding deadline needs in order to assign appropriate priority as described in DSA Bulletin BU 09-04. In the absence of this form in your submittal package your project will be considered **Category 3**. You may complete this form online, print, sign and submit.

NOTE: A form DSA-10 submittal is not required for Access Only or Over-the-Counter Plan Review.

School District: _____

School Name: _____

Project Description: _____

Project Tracking Number (PTN): _____

DSA Application Number (If assigned): _____ - _____

Estimated Project Cost: $_____

Please indicate which of the following Categories applies to this project:

☐ **Category 1** : This project is fully funded and will not use state bond funds. It will start construction within 90 calendar days of DSA approval. (Complete certification below.)

☐ **Category 2**: This project will use state bond funds but will proceed with local funds. It will start construction within 90 calendar days of DSA approval.

☐ **Category 3**: This project needs state bond funds and cannot proceed with local funds alone.

In addition, if applicable, provide the following information:

This project has a funding deadline date of _____.

If deadline is for a State Allocation Board program, please list the Office of Public School Construction (OPSC) Application Number(s), Program type (e.g. Financial Hardship, Career Technical Education Facilities, Facility Hardship, Joint Use, Emergency Repair, Overcrowding Relief Grant, Charter School Facilities) and Project Tracking Number below:

OPSC Application Number(s)	SAB Program(s)	Project Tracking Number(s)

Additional information: This project has the following extenuating circumstances such as health or safety issues which make it critically urgent:

By my signature below I certify that the above information is accurate. If I checked the Category 1 box above and it is later determined that the school district applied for state facility program(s) funds for any part of or all of this project, the school district understands and agrees that for the next two years after such information is discovered, any project or projects submitted by the school district to the DSA shall be designated Category 3. I understand that DSA may also alert the State Allocation Board to determine whether a material inaccuracy has occurred pursuant to Education Code Section 17070.51.

(Requires signature of District Superintendent/Chancellor)

NAME	TITLE	SIGNATURE	DATE

ABBREVIATIONS

ABBREVIATIONS WHEN USED IN THESE DOCUMENTS SHALL CONFORM TO THE FOLLOWING LIST UNLESS OTHERWISE NOTED. INDIVIDUAL DRAWINGS (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL) MAY CONTAIN SPECIFIC REFERENCES AND LEGENDS WITH INTERPRETATIONS INTENDED ONLY FOR THOSE DRAWINGS.

&	AND	FIN.	FINISH	PROJ.	PROJECT
∠	ANGLE	FL.	FLOOR	PT.	POINT
@	AT	FLASH.	FLASHING	P.T.	PRESSURE TREATED
℄	CENTERLINE	F.O.C.	FACE OF CONCRETE	P.T.D.	PAPER TOWEL DISPENSER
Ø	DIAMETER OR ROUND	F.O.F.	FACE OF FINISH	P.D.T./R.	COMBINATION PAPER TOWEL DISPENSER AND RECEPTACLE
#	POUND OR NUMBER	F.O.M.	FACE OF MASONRY		
(E)	EXISTING	F.O.P.	FACE OF PLYWOOD	PTN.	PARTITION
(N)	NEW	F.O.S.	FACE OF STUDS	P.T.R.	PAPER TOWEL RECEPTACLE
		FPRF.	FIRE PROOF		
A.B.	ANCHOR BOLT	F.R.P.	FIBER REINFORCED PANEL	Q.T.	QUARRY TILE
A/C	AIR CONDITIONING	F.R.T.	FIRE RETARDANT TREATED		
A.C.	ASPHALT CONCRETE	FT.	FOOT OR FEET	R.	RADIUS
ACOUST.	ACOUSTICAL	FTG.	FOOTING	R.A.	RETURN AIR
A.D.	AREA DRAIN	FURR.	FURRING	R.B.	RUBBER BASE
ADJ.	ADJUSTABLE	FUT.	FUTURE	R.D.	ROOF DRAIN
AGG.	AGGREGATE			REF.	REFRIGERATOR
ALUM.	ALUMINUM	G.	GAS	REINF.	REINFORCED
ALT.	ALTERNATE	GA.	GAGE	REQ.	REQUIRED
APPROX.	APPROXIMATE	GALV.	GALVANIZED	RESIL.	RESILIENT
ARCH.	ARCHITECTURAL (OR ARCHITECT)	G.B.	GRAB BAR	RM.	ROOM
		G.I.	GALVANIZED IRON	R.O.	ROUGH OPENING
ASPH.	ASPHALT	GND.	GROUND	R.O.W.	RIGHT-OF-WAY
AUTO.	AUTOMATIC	GR.	GRADE	RDWD.	REDWOOD
		GYP.	GYPSUM	RWL.	RAIN WATER LEADER
BEL.	BELOW				
BTWN.	BETWEEN	H.	HIGH	S.	SOUTH
BD.	BOARD	H.B.	HOSE BIBB	S.A.	SUPPLY AIR
BLDG.	BUILDING	H.C.	HOLLOW CORE	S.C.	SOLID CORE
BLK.	BLOCKING	HD.	HEAD	S.C.D.	SEAT COVER DISPENSER
BM.	BEAM	HDWD.	HARDWOOD	SCHED.	SCHEDULE
B.O.	BOTTOM OF	HGT.	HEIGHT	S.D.	STORM DRAIN
BOT.	BOTTOM	H.M.	HOLLOW METAL	S.DISP.	SOAP DISPENSER
B.U.R.	BUILT-UP ROOF	HORIZ.	HORIZONTAL	SECT.	SECTION
		HR.	HOUR	S.F.	SQUARE FOOT (FEET)
CAB.	CABINET	H.V.A.C.	HEATING, VENTILATING, AND AIR CONDITIONING	SH.	SHELF
C.B.	CATCH BASIN			SHR.	SHOWER
C.C.G.	CRACK CONTROL JOINT	H.W.H.	HOT WATER HEATER	SHT.	SHEET
C.G.	CORNER GUARD			SHTG.	SHEATHING
C.I.	CAST IRON	I.D.	INSIDE DIAMETER (DIM.)	SIM.	SIMILAR
C.J.	CONSTRUCTION JOINT	IN.	INCHES	S.M.S.	SHEET METAL SCREW
CLG.	CEILING	INCL.	INCLUDING, INCLUDES	S.N.D.	SANITARY NAPKIN DISPENSER
CLO.	CLOSET	INSUL.	INSULATION		
CLR.	CLEAR	INT.	INTERIOR	S.O.V.	SHUT OFF VALVE
CNTR.	COUNTER	INV.	INVERT	SPEC.	SPECIFICATIONS
COL.	COLUMN	I.P.S.	IRON PIPE SIZE	SQ.	SQUARE
C.M.U.	CONCRETE MASONRY UNIT			ST.STL.	STAINLESS STEEL
		JAN.	JANITOR	S.S.	SERVICE SINK
CONC.	CONCRETE	JB.	JAMB	S.T.	SELF TAPPING
CONN.	CONNECTION	JT.	JOINT	STA.	STATION
CONSTR.	CONSTRUCTION	JST	JOIST	STD.	STANDARD
CONT.	CONTINUOUS	K.	KITCHEN	STL.	STEEL
CONTR.	CONTRACTOR			STOR.	STORAGE
CNTR.	COUNTER	L.	LONG	STRUCT.	STRUCTURAL
CORR.	CORRIDOR	LAB.	LABORATORY	SUSP.	SUSPENDED
CTR.	CENTER	LAM.	LAMINATE	S.V.	SHEET VINYL
CTSK.	COUNTERSUNK	LAV.	LAVATORY	S.Y.	SQUARE YARD
C.Y.	CUBIC YARD	LKR.	LOCKER	SYM.	SYMMETRICAL
		LT.	LIGHT		
DBL.	DOUBLE			TKBD.	TACKBOARD
DEPT.	DEPARTMENT	MAX.	MAXIMUM	T.B.	TOWEL BAR
DET.	DETAIL	M.B.	MACHINE BOLT	T.C.	TERMINAL CABINET
D.F.	DRINKING FOUNTAIN	M.C.	MEDICINE CABINET	TEL.	TELEPHONE
D.I.	DROP INLET	MATL.	MATERIAL	TEMP.	TEMPERED
DIA	DIAMETER	MECH.	MECHANICAL	TERR.	TERRAZO
DIAG.	DIAGONAL	MET.	METAL	T&G	TONGUE AND GROOVE
DIM.	DIMENSION	MFR.	MANUFACTURER	THK.	THICK
DISP.	DISPENSER	MH.	MANHOLE	T.P.D.	TOILET PAPER DISPENSER
DK.	DARK	MKRBD.	MARKERBOARD	T.O.M.	TOP OF MASONRY
DN.	DOWN	MIN.	MINIMUM	T.O.PL.	TOP OF PLATE
D.O.	DOOR OPENING	MISC.	MISCELLANEOUS	T.O.S.	TOP OF STEEL
DP.	DEEP	M.O.	MASONRY OPENING	T.W.	TOP OF WALL
DR.	DOOR	MOD.	MODULE, MODULAR	TRD.	TREAD
DS.	DOWNSPOUT	MTD.	MOUNTED	T.S.R.	TOP SET RUBBER
D.W.	DOMESTIC WATER	MUL.	MULLION	T.V.	TELEVISION
DWG.	DRAWING			TYP.	TYPICAL
DWR.	DRAWER	N.	NORTH		
		N.I.C.	NOT IN CONTRACT	UNF.	UNFINISHED
E.	EAST	NO. OR #	NUMBER	U.O.N.	UNLESS OTHERWISE NOTED
EA.	EACH	NOM.	NOMINAL	UR.	URINAL
E.D.F.	ELECTRIC DRINKING FOUNTAIN	N.T.S.	NOT TO SCALE		
				V.B.	VINYL BASE
E.J.	EXPANSION JOINT	O/	OVER	V.C.T.	VINYL COMPOSITION TILE
ELEV.	ELEVATION	OA	OVERALL	V.C.T.B.	VINYL COVERED TACKBOARD
ELEC.	ELECTRICAL	OBS.	OBSCURE	VWC	VINYL WALLCOVERING
EMBED.	EMBEDMENT	O.C.	ON CENTER	VERT.	VERTICAL
ENCL.	ENCLOSURE	O.D.	OUTSIDE DIAMETER	VEST.	VESTIBULE
ENGR.	ENGINEER	OFF.	OFFICE		
E.P.B.	ELECTRICAL PANEL BOARD	O.H.	OPPOSITE HAND	W.	WEST
EQ.	EQUAL	OPNG.	OPENING	W/	WITH
EQUIP.	EQUIPMENT	OPP.	OPPOSITE	W/O	WITHOUT
E.W.C.	ELECTRIC WATER COOLER	P.E.N.	PLYWOOD EDGE NAILING	W.H.	WATER HEATER
EXP.	EXPANSION	PL.	PLATE	W.C.	WATER CLOSET
EXIST.	EXISTING	P. LAM.	PLASTIC LAMINATE	WWF	WELDED WIRE FABRIC
EXT	EXTERIOR	PL.	PLATE	WD.	WOOD
		PLAS.	PLASTER	WP.	WATERPROOF
F.A.	FIRE ALARM	PLUMB.	PLUMBING	W.R.	WATER RESISTANT
F.B.	FLAT BAR	PLYWD.	PLYWOOD	W.S.	WOOD SCREW
F.D.	FLOOR DRAIN	P.O.C.	POINT OF CONNECTION	WSCT	WAINSCOT
FDN.	FOUNDATION	PR.	PAIR	WT.	WEIGHT
F.E.	FIRE EXTINGUISHER	PRCST.	PRECAST		
F.E.C.	FIRE EXTINGUISHER AND CABINET	PREFIN.	PREFINISHED		
F.F.E.	FINISH FLOOR ELEVATION				
F.H.M.S.	FLAT HEAD MACHINE SCREW				
F.H.W.S.	FLAT HEAD WOOD SCREW				

REDWOOD MIDDLE SCHOOL EXPANSION FOR

SUMMIT CHARTER ACADEMY

15550 Redwood Street, Porterville, CA

FOR

BURTON SCHOOL DISTRICT

264 NORTH WESTWOOD STREET • TULARE COUNTY • PORTERVILLE, CALIFORNIA

PROJECT TRACKING NO. 71837-16

REDWOOD MIDDLE SCHOOL EXPANSION FOR SUMMIT CHARTER ACADEMY
BURTON SCHOOL DISTRICT
PORTERVILLE, TULARE COUNTY, CALIFORNIA

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A33 DETAILS - DOOR & FRAME ASSEMBLIES
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A35 MILLWORK DETAILS
A36 DETAILS
A37 DETAILS
A38 DETAILS
A39 DETAILS

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S1.2 TYPICAL NOTES AND DETAILS
S1.3 TYPICAL NOTES AND DETAILS
S1.4 TYPICAL NOTES AND DETAILS
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S2.1 BUILDING 800 FOUNDATION PLAN
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S2.3 FOOTING DETAILS
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S3.4 BUILDING 900 BACKSTOP FRAMING PLAN
S4.1 BUILDING 800 SECTIONS A-B
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S6.3 FLOOR FRAMING DETAILS
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S7.1 ROOF FRAMING DETAILS
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P1 PLUMBING & FIRE PROTECTION SITE PLAN
P2 PLUMBING PLAN BUILDING 800 1st FLOOR
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P4 DETAILED PLUMBING PLAN BUILDING 800 1st FLOOR
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P11 PLUMBING FIXTURE & EQUIPMENT SCHEDULE
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M5 AIR CONDITIONING DETAILS
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ES1.1 PARTIAL SITE ELECTRICAL PLAN
ES1.2 ENLARGED SITE ELECTRICAL PLAN
E1.1 FIRST FLOOR LIGHTING PLAN BUILDING 800
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E1.3 FIRST FLOOR POWER PLAN BUILDING 800
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E4.1 FIRE ALARM SYSTEM EQUIPMENT SPECIFICATIONS AND RISER DIAGRAM
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E6.1 PANEL SCHEDULES BUILDING 800 FIRST FLOOR
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T0.1 PARTIAL SITE MAP
T0.2 PARTIAL SITE PLAN CONDUIT PATHWAY/ PULLBOX DEMO
T1.0 BUILDING 800 FIRST FLOOR
T1.1 BUILDING 800 SECOND FLOOR
T1.2 BUILDING 900
T1.3 BUILDING 900 SOUND SYSTEM
T1.4 RELOCATABLE BUILDING 700
T2.0 WALL/ RACK ELEVATIONS
T2.1 A/V SINGLE LINES
T3.0 DETAILS
T3.1 DETAILS
T3.2 DETAILS

DMSI PC #02-104854
BUILDING 700A , 700B , 700C , 700D

C COVER SHEET
MA1 FLOOR PLAN 24x40
MA1.1 INTERIOR AND EXTERIOR
MA1.8 DETAILS
MA2 ARCHITECTURAL DETAILS
MA3 SPECIFICATIONS
MA4 ROOFING PLAN & DETAILS
ME1 ELECTRICAL PLAN 24x40
ME1.5 ELECTRICAL NOTES & DETAILS
MM1 MECHANICAL & CEILING PLAN
MM1.7 CEILING & MECHANICAL NOTES & DETAILS
RF1 MODULE LAYOUT & STRUCTURAL NOTES 24x40
RF2 FLOOR FRAMING PLAN AND DETAILS
RF3 FRAME ELEVATION & COLUMN DETAILS
RF4 SECTION DETAILS
RF5 ROOF FRAMING PLAN & DETAILS
RF6 WALL FRAMING ELEVATIONS & DETAILS
SF1 WOOD FOUNDATION DETAILS 24x40
SF1.3 WOOD FOUNDATION PLAN & DETAILS 24x40
R1 RAMP AND LANDING DETAILS
R1.1 RAMP AND LANDING DETAILS
R1.2 RAMP AND LANDING DETAILS

APPROVALS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

FILE # 54-10
APPL. # 02-110520

AC_____ F/LS_____ SS_____

DATE _____

LICENSED ARCHITECT
CHRISTOPHER D. McLAIN
No. C-29566
REN. 10-31-09
STATE OF CALIFORNIA

DATE: DECEMBER 30, 2008

GENERAL NOTES:

1. CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS SHALL BE DONE ONLY WHEN SO DETAILED IN THE DRAWING OR ACCEPTED BY THE ARCHITECT WITH THE APPROVAL OF DSA REPRESENTATIVE.
2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A CHANGE ORDER APPROVED BY THE OFFICE OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
3. A CLASS 2 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE OFFICE OF THE 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.
4. THE STORAGE OF MATERIAL AND EFFECTS OF WORK SHALL BE APPROVED BY LOCAL FIRE AUTHORITY.

APPLICABLE CODES

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND THE FOLLOWING REGULATIONS :

1. 2007 California Building Standards Administrative Code (Title 24 CCR, Part 1)
2. 2007 California Building Code (Title 24 CCR, Part 2)
3. 2007 California Electrical Code (Title 24 CCR, Part 3)
4. 2007 California Mechanical Code (Title 24 CCR, Part 4)
5. 2007 California Plumbing Code (Title 24 CCR, Part 5)
6. 2007 California Energy Code
7. 2007 California Fire Code (Title 24 CCR, Part 9)

SYMBOLS LEGEND

ROOM NUMBER
DOOR NUMBER
FRAME TYPE

BUILDING SECTION NUMBER
SHEET NUMBER

DETAIL NUMBER
SHEET NUMBER

DEFERRED APPROVAL ITEMS:

1. BASKETBALL BACKSTOPS & EQUIPMENT
2. COMPLETE FIRE SPRINKLER SYSTEM
3. TELESCOPING BLEACHERS
4. ELEVATOR EQUIPMENT & RAIL DESIGN

INSTALLATION OF DEFERRED APPROVAL ITEMS SHALL NOT BE STARTED UNTIL THE CONTRACTORS DRAWINGS SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT AND THE STATE FIRE MARSHAL.

MODULAR CONSTRUCTION :

THE GENERAL CONTRACTOR SHALL COORDINATE, PROVIDE AND INSTALL THE FOLLOWING ITEMS RELATED TO MODULAR BUILDING 700 A – 700 D OF THE GENERAL BUILDING CONTRACT :

GENERAL CONTRACTOR SHALL REFER TO MODULAR DRAWINGS AND SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION AND COMPATIBILITY OF THE ABOVE ITEMS WITH THE DESIGN AND CONSTRUCTION OF THE MODULAR BUILDINGS.

CONSULTANTS

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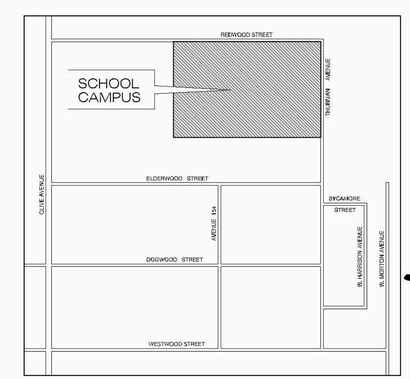
PHONE: 661) 716-1840 FAX: (661) 716-1841

VICINITY MAP



N.T.S.

north

mangini
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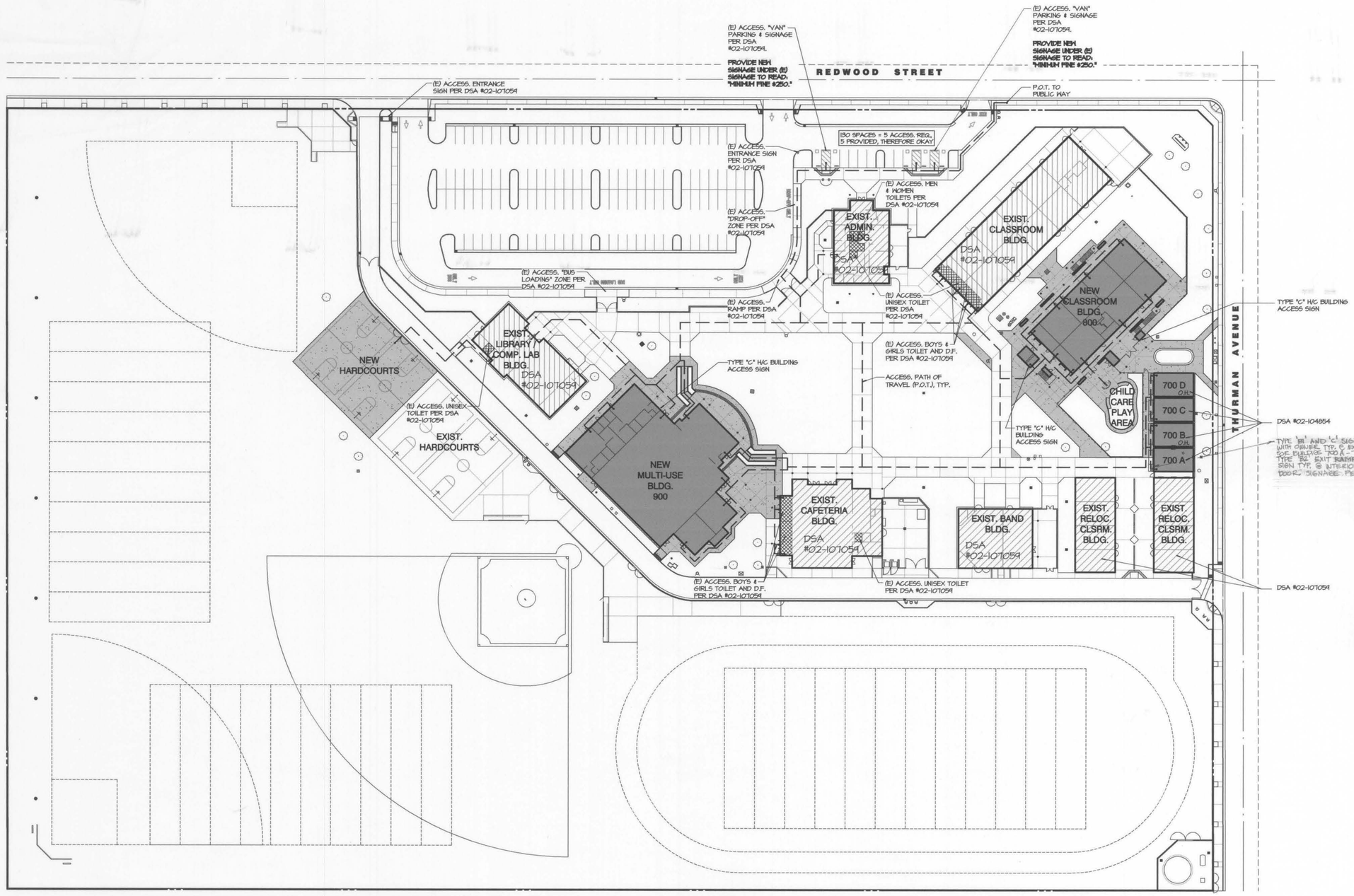
TITLE
COVER SHEET

G1

PROJECT 0847



LEGEND

- NEW BUILDINGS
- EXISTING BUILDING
- EXISTING ACCESS. TOILETS
- NEW CONCRETE SIDEWALK

GATE ACCESS NOTE :

FOR ALL GATES IN THE PATH OF TRAVEL NOTED WITH AN ASTERISK (*), PROVIDE A SIGN ADJACENT TO GATE STATING "GATE IS TO REMAIN LOCKED OPEN DURING BUSINESS / SCHOOL HOURS OR DURING ANY PUBLIC FUNCTIONS." WORDS ON SIGN SHALL BE 1" HIGH & CAPITAL LETTERS. PROVIDE LEVER-TYPE LATCH AND 10" HIGH KICKPLATE, SECURE TO C.L. MESH BOTH SIDES

ACCESSIBLE PATH OF TRAVEL:

—— —— PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. (P.O.T.) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN. (1133B.8.2) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (1133B.8.6). CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC 1133B.

north

OVERALL SITE PLAN

1" = 50'-0"

REDWOOD MIDDLE SCHOOL EXPANSION FOR SUMMIT CHARTER ACADEMY

BURTON SCHOOL DISTRICT
PORTERVILLE, TULARE COUNTY, CALIFORNIA

APPROVALS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

FILE # 54-10
APPL # 02-110520
AC F/S DATE 6/2/09

LICENSED ARCHITECT CHRISTOPHER M. TELLIAN No. C-29568 REN. 10-31-09 STATE OF CALIFORNIA

DATE: DECEMBER 30, 2008

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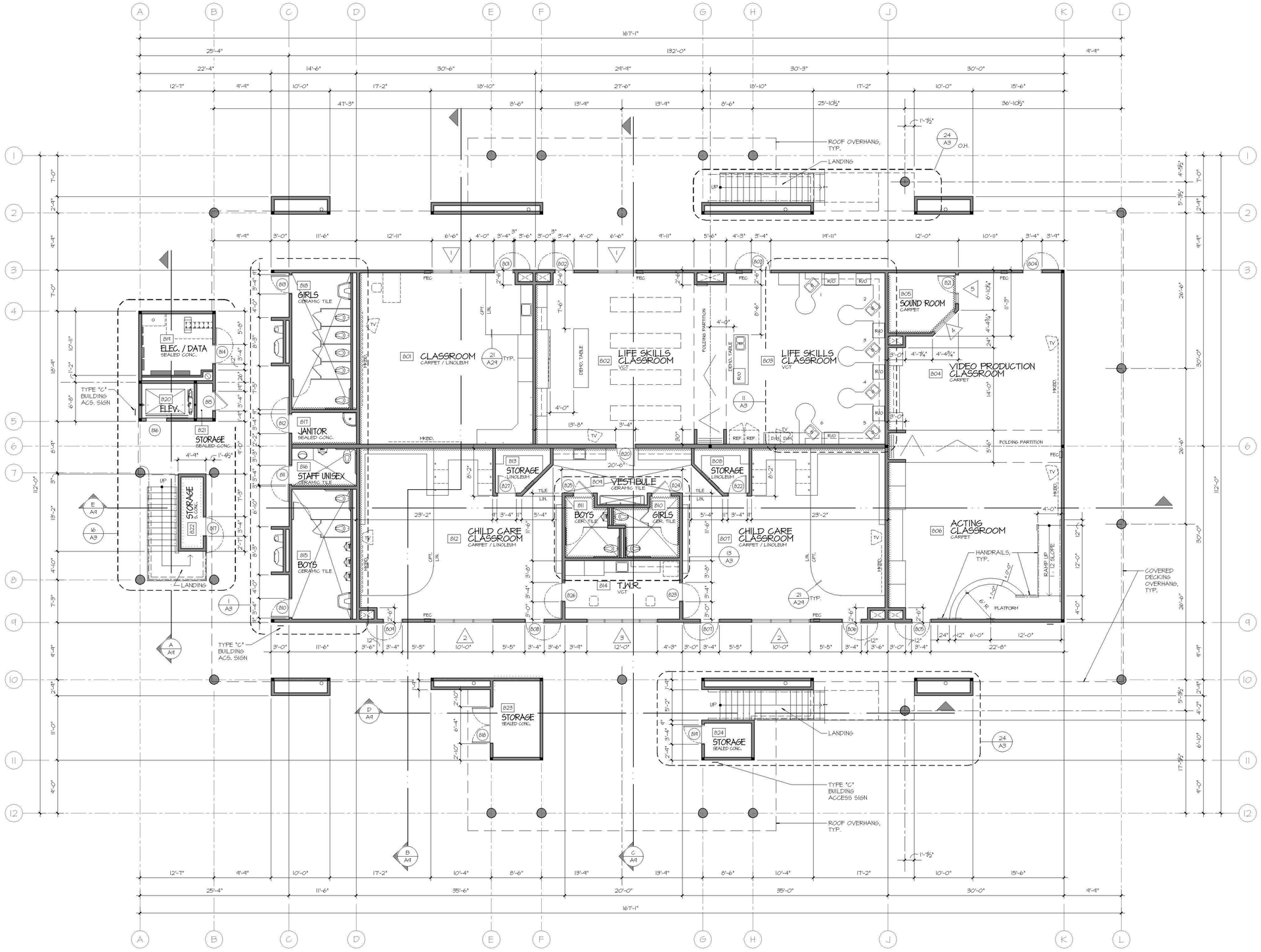
TITLE
OVERALL SITE PLAN

SD1

PROJECT 0847



FIRST FLOOR PLAN

1/8" = 1'-0"

BUILDING 800

FLOOR PLAN NOTES

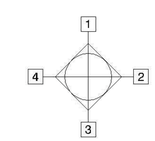
1. SEAL PENETRATIONS IN RATED WALLS PER DET. (13/A33)
2. FINISH ALL GYPSUM BOARD EDGES PER DET. (12/A34)
3. CONSTRUCT RATED AND NON-RATED WALLS PER ASSEMBLY DETAILS ON SHEET A33
4. REFER TO INTERIOR ELEV. & DET. FOR TYP. ACCESSIBLE MOUNTING HEIGHTS AND REQUIREMENTS. (21/A34)
5. REFER TO ELEVATIONS AND DOOR SCHEDULE FOR ALL ROOM AND BUILDING SIGNAGES

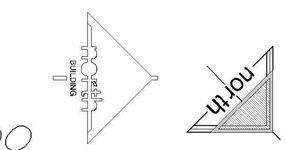
FLOOR LEGEND

- 2x8 WOOD STUDS @ 16" O.C.
- 2x6 WOOD STUDS @ 16" O.C.
- 2x4 WOOD STUDS @ 16" O.C.
- TYPE 'C' SOUND ATTENUATION BATT INSULATION (FULL HGT), USE MINERAL WOOL SOUND BATTS TYPE 'D' AT 1-HR RATED WALL
- 1-HR RATED WALL
- 20" ϕ STRUCTURAL STEEL COLUMN, COORDINATE W/ STRUCTURAL DRAWINGS.

ROOM ORIENTATION KEY

INTERIOR ELEVATIONS SHALL BE NUMBERED ACCORDING TO THIS ROOM ORIENTATION KEY, UNLESS OTHERWISE NOTED.





REDWOOD MIDDLE SCHOOL EXPANSION FOR SUMMIT CHARTER ACADEMY

BURTON SCHOOL DISTRICT
PORTERVILLE, TULARE COUNTY, CALIFORNIA

APPROVALS

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DIV. OF THE STATE ARCHITECT

FILE # 54-10
APPL. # 02-110520
AC_____ F/LS_____ SS_____
DATE _____

LICENSED ARCHITECT
CHRISTOPHER D. MCLAIN
No. C-29566
REN. 10-31-09
STATE OF CALIFORNIA

DATE: DECEMBER 30, 2008

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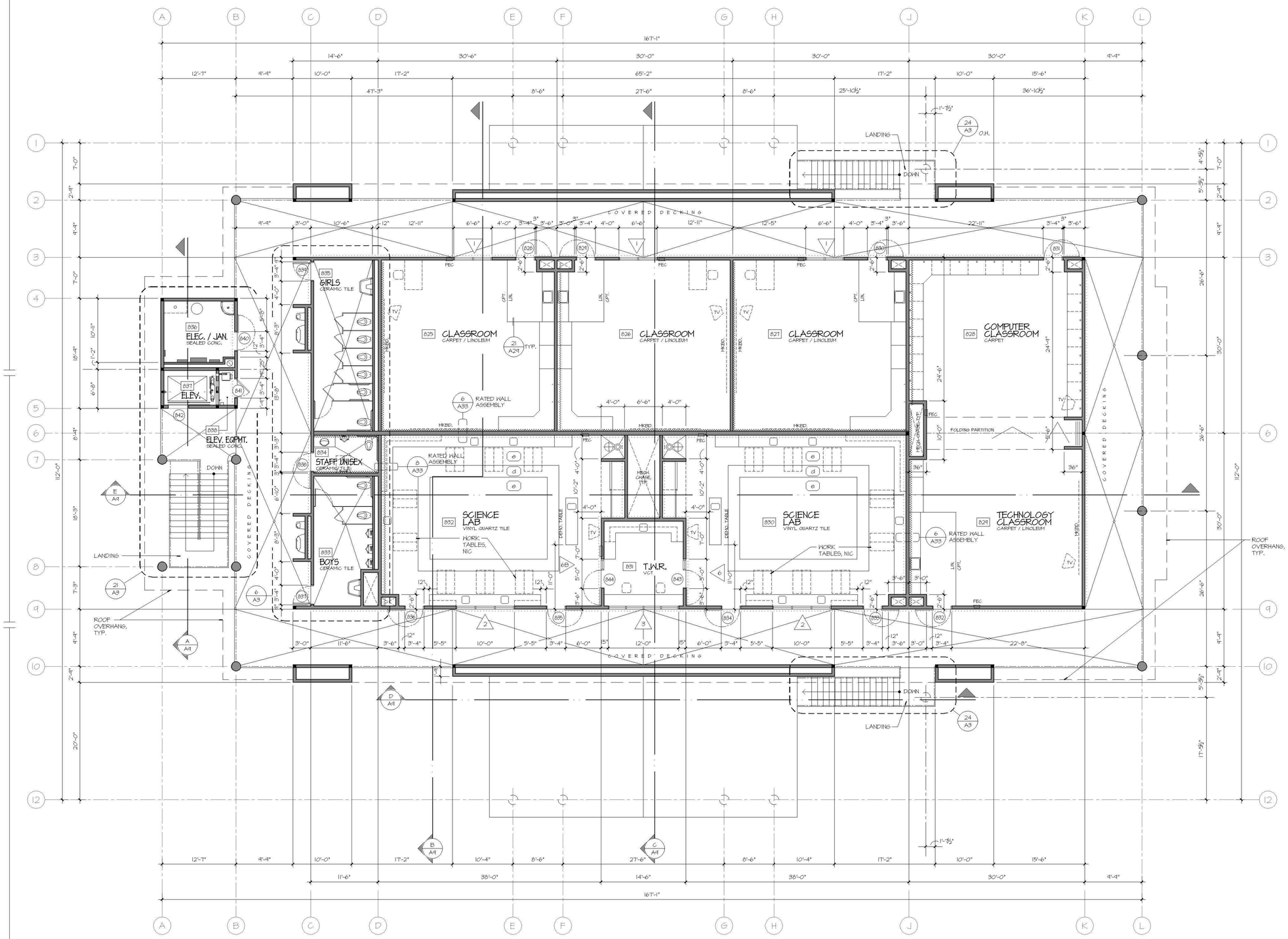
TITLE
BUILDING 800
FIRST FLOOR PLAN

A1

PROJECT 0847



SECOND FLOOR PLAN

1/8" = 1'-0"

FLOOR PLAN NOTES

1. SEAL PENETRATIONS IN RATED WALLS PER DET. (13/A33)
2. FINISH ALL GYPSUM BOARD EDGES PER DET. (12/A34)
3. CONSTRUCT RATED AND NON-RATED WALLS PER ASSEMBLY DETAILS ON SHEET A33
4. REFER TO INTERIOR ELEV. & DET. FOR TYP. ACCESSIBLE MOUNTING HEIGHTS AND REQUIREMENTS. (21/A34)
5. REFER TO ELEVATIONS AND DOOR SCHEDULE FOR ALL ROOM AND BUILDING SIGNAGES

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- 1-HR RATED WALL
- 20" ϕ STRUCTURAL STEEL COLUMN, COORDINATE W/ STRUCTURAL DRAWINGS.

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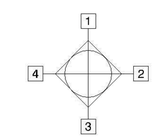
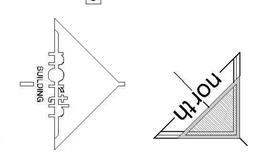
INTERIOR ELEVATIONS SHALL BE NUMBERED ACCORDING TO THIS ROOM ORIENTATION KEY, UNLESS OTHERWISE NOTED.





BUILDING 800

REDWOOD MIDDLE SCHOOL EXPANSION FOR SUMMIT CHARTER ACADEMY

BURTON SCHOOL DISTRICT
PORTERVILLE, TULARE COUNTY, CALIFORNIA

APPROVALS

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LICENSED ARCHITECT
CHRISTOPHER D. MCLAIN
No. C-29566
REN. 10-31-09
STATE OF CALIFORNIA

DATE: DECEMBER 30, 2008

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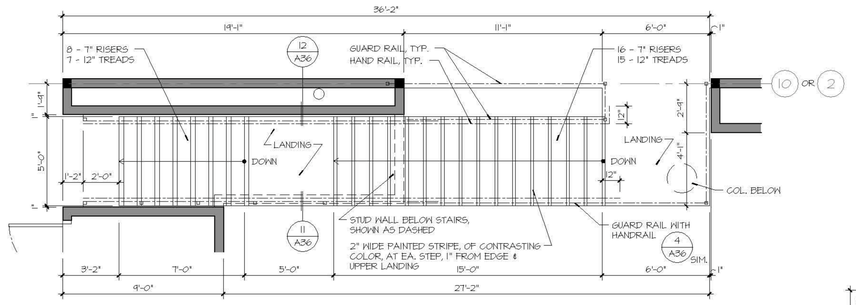
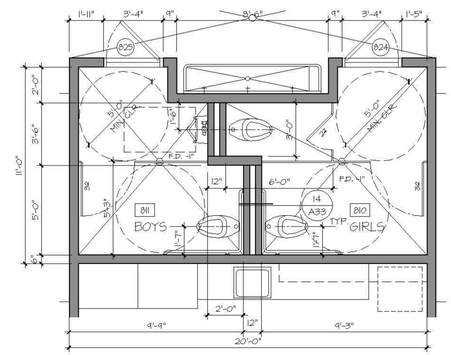
TITLE
BUILDING 800
SECOND FLOOR PLAN

A2

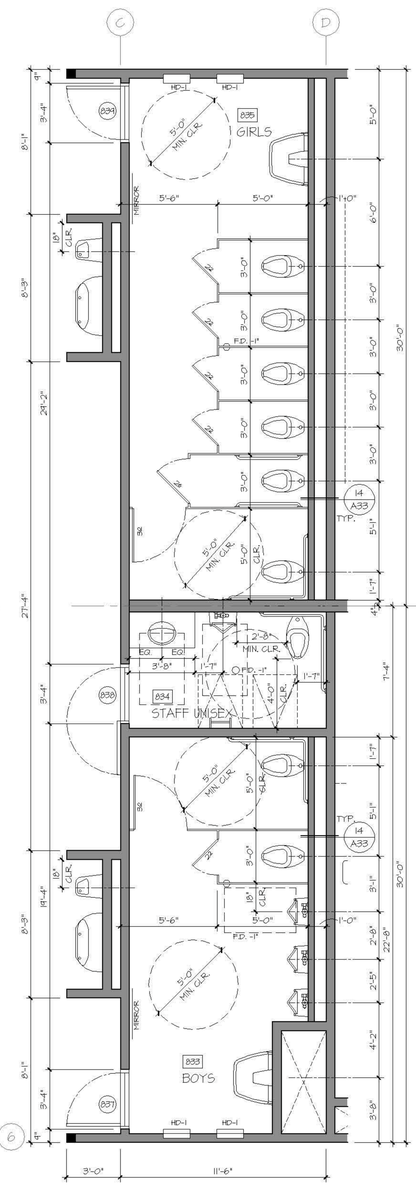
PROJECT 0847

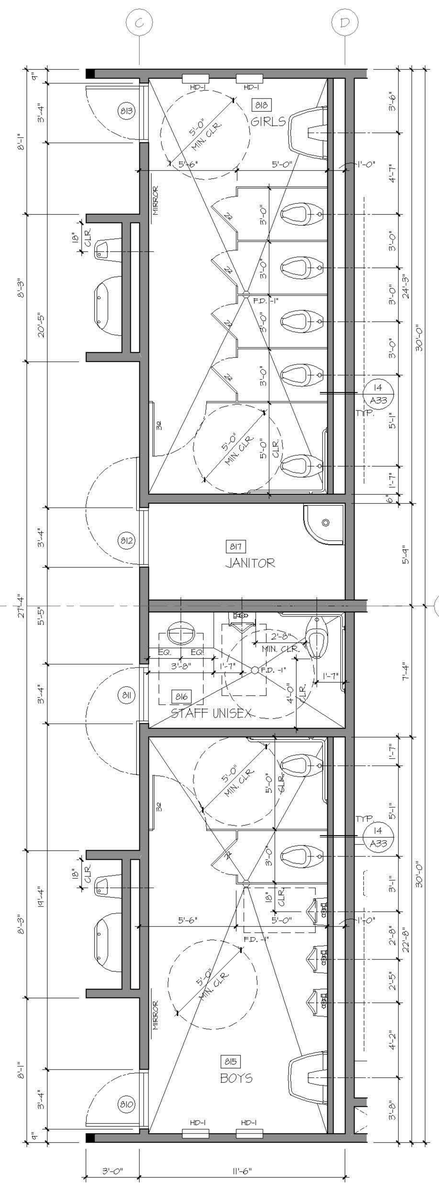


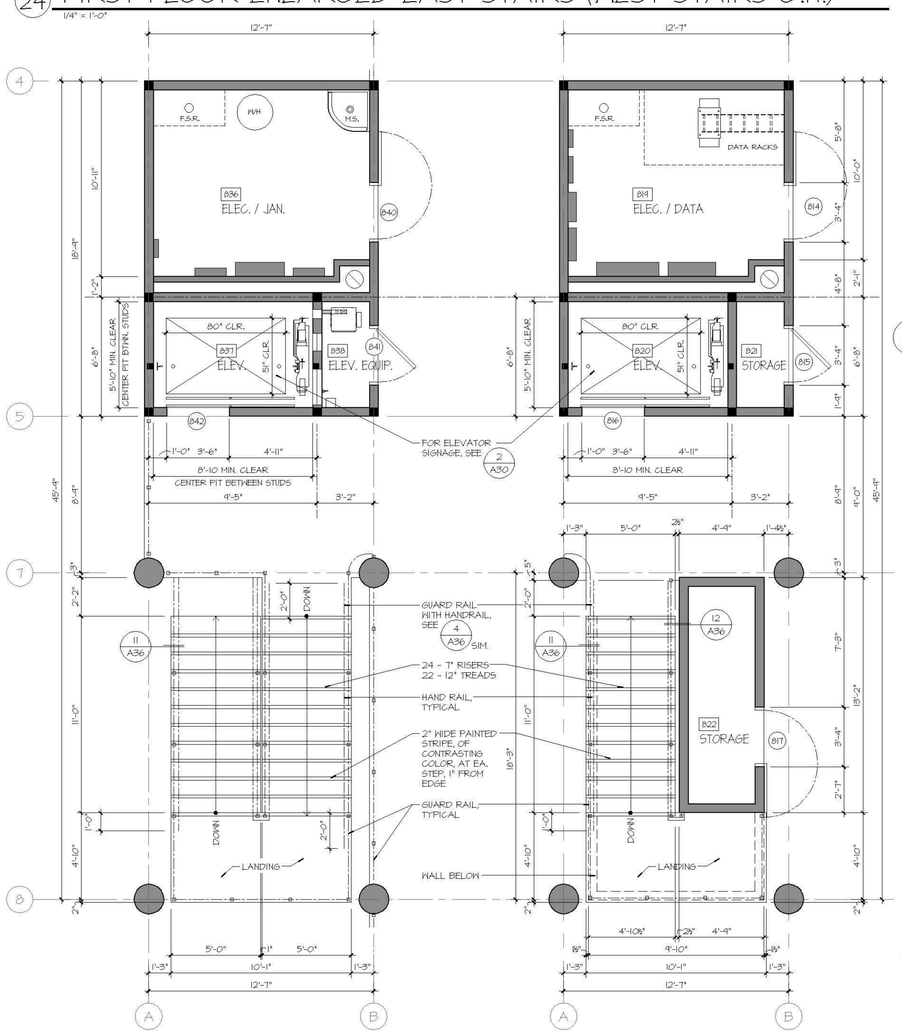
24 FIRST FLOOR ENLARGED EAST STAIRS (WEST STAIRS O.H.)
1/4" = 1'-0"

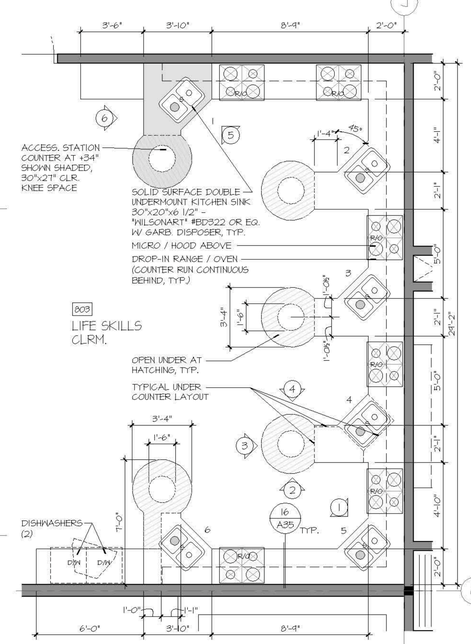


13 FIRST FLOOR ENLARGED TOILET PLAN
1/4" = 1'-0"









21 SECOND FLOOR ENLARGED SOUTH STAIRS
1/4" = 1'-0"

16 FIRST FLOOR ENLARGED SOUTH STAIRS
1/4" = 1'-0"

11 ENLARGED LIFE SKILLS PLAN
FOR ELEVATIONS SEE SHEET A35
1/4" = 1'-0"

6 SECOND FLOOR ENLARGED TOILET PLAN
1/4" = 1'-0"

1 FIRST FLOOR ENLARGED TOILET PLAN
1/4" = 1'-0"

REDWOOD MIDDLE SCHOOL EXPANSION FOR SUMMIT CHARTER ACADEMY

BURTON SCHOOL DISTRICT
PORTERVILLE, TULARE COUNTY, CALIFORNIA

APPROVALS

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LICENSED ARCHITECT
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No. C-29566
REN. 10-31-09
STATE OF CALIFORNIA

DATE: DECEMBER 30, 2008

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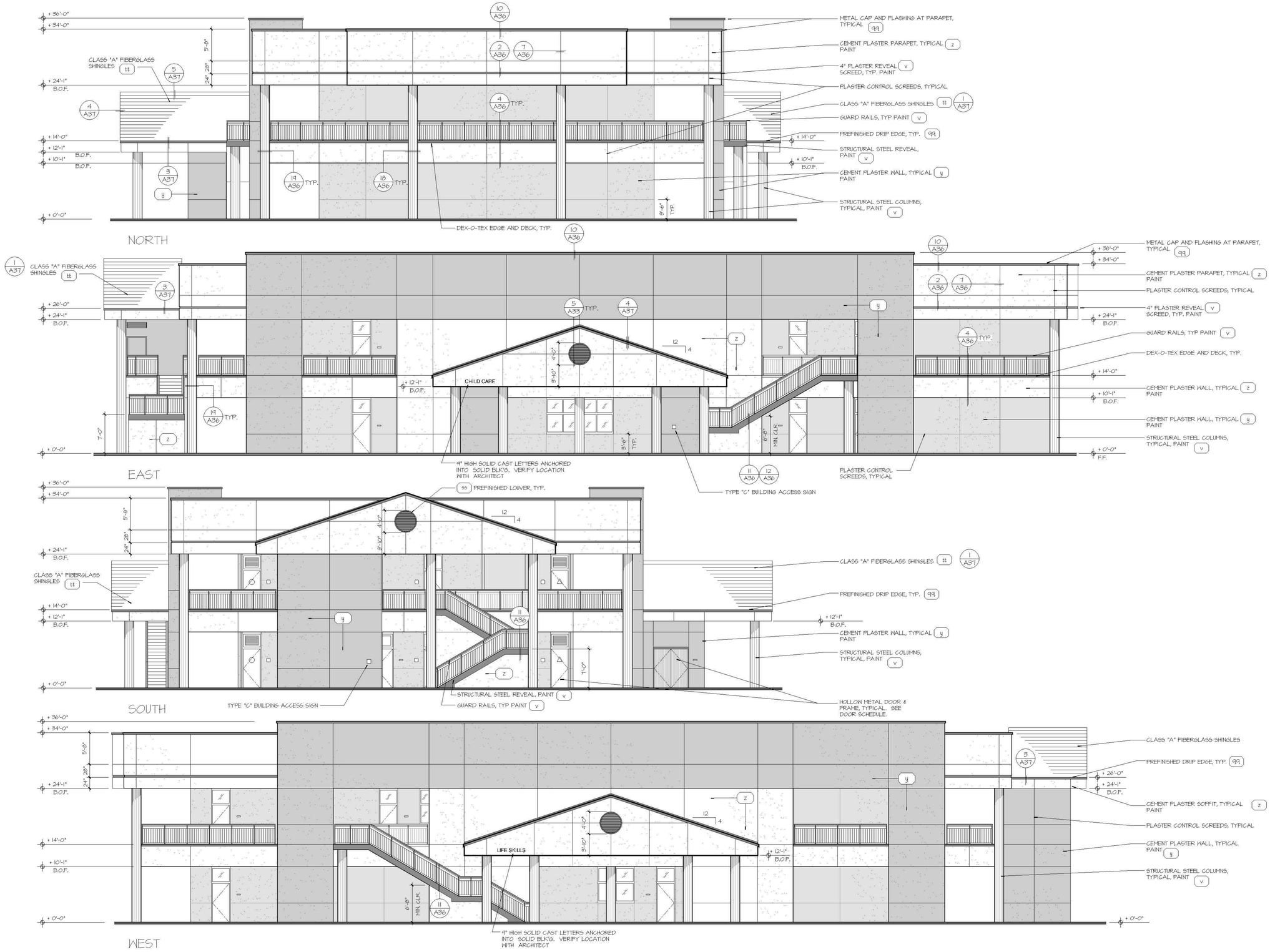
TITLE
BUILDING 800
ENLARGED FLOOR PLAN
FLOOR DETAILS

A3

PROJECT 0847

F:\01 Projects\0847\Drawings\Architectural\05-Construction Documents\01_DSA Backcheck 06.01.09 - DWG\0847_A3 - 800 - Enlarged Floor-Details.dwg Mar 15 2011 7:23am



EXTERIOR ELEVATIONS

BUILDING 800

1/8" = 1'-0"

REDWOOD MIDDLE SCHOOL EXPANSION FOR SUMMIT CHARTER ACADEMY

BURTON SCHOOL DISTRICT
PORTERVILLE, TULARE COUNTY, CALIFORNIA

APPROVALS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

FILE # 54-10
APPL. # 02-110520

AC_____ F/LS_____ SS_____

DATE _____

LICENSED ARCHITECT
CHRISTOPHER D. McLAIN
No. C-29566
REN. 10-31-09
STATE OF CALIFORNIA

DATE: DECEMBER 30, 2008

TELLIAN PARISH McLAIN
559.627.0530
559.627.1926 fax
architecture and ingenuity mangini associates inc.
810 West Acequia Avenue
Visalia, CA 93291
mainpm.com

TITLE
BUILDING 800
EXTERIOR ELEVATIONS

A4

PROJECT 0847

American Modular Systems Inc.

24' x 40' THRU 144' x 40' RELOCATABLE BUILDINGS

EXPOSED – STEEL

MODULAR STEEL MOMENT FRAME TEST & INSPECTION GUIDELINE

A SEPARATE TEST AND INSPECTION LIST IS TO BE SUBMITTED AS PART OF THE APPROVAL PROCESS.
THIS GUIDE DOES NOT REPLACE THE TEST AND INSPECTION LIST

TYPE OF MODULAR STEEL MOMENT FRAME BUILDING PROJECT
(X - INDICATES TEST OR INSPECTION TO BE DONE)

TESTS and INSPECTIONS

MATERIAL TYPE		DESCRIPTION	STOCKPILE: Wood Floor Only	STOCKPILE: Concrete Floors	CONSTRUCTION OF (diaphragm material-foundation material): Plywood Floor Only - Wood Foundation	CONSTRUCTION OF: Plywood Floor - Concrete Foundation	CONSTRUCTION OF: Concrete Floor - Concrete Foundation	RELOCATION OF CERTIFIED BUILDING: Wood Foundation	RELOCATION OF CERTIFIED BUILDING: Concrete Foundation
COMPACTED FILL (Two Story Relocatable)	By Geotech	Fill Materials				X	X		X
		Proper fill materials, lift thickness, placement and compaction during placement. Continuous				X	X		X
		Compaction test only as ordered				X	X		X
CONCRETE	LT WT FILL OVER DECK (Two-story)	Mix Design					X		
		Waiver of Batch Plant inspection See Note 1 for conditions and requirements					X		
		Inspect Placing over Steel Deck - by RBIP					X		
		Slump Test, determine Temperature of Concrete See Note 2 for additional test					X		
		Compression Tests					X		
	FOUNDATION	Mix Design				X	X		X
		Waiver of Batch Plant inspection See Note 1 for conditions and requirements				X	X		X
		Inspect Placing by Project Inspector				X	X		X
		Slump Test, determine Temperature of Concrete See Note 2 for additional test				X	X		X
		Compression Tests				X	X		X
REINFORCING STEEL		Sample and Test Bar Steel - #5 & Larger				X	X		X
		Inspect Placing at Project Site - by Project Inspector				X	X		X
STRUCTURAL STEEL		Mfr. Certified Mill Test Reports	X	X	X	X	X		
		Shop Fabrication	X	X	X	X	X		
		Inspection of Welds - Shop	X	X	X	X	X		
		Inspection of Welds - Field See Note 3			X	X	X	X	X
		Sample and Test all Unidentified Structural Steel and Steel Deck	X	X	X	X	X		
		Examine seam welds of structural tubes and pipes	X	X	X	X	X		
GROUNDING		Electrical grounding			X	X	X	X	X
SHOT PINS		Ceiling wire hangers	X	X	X	X	X		
EXPANSION ANCHORS		See Note 4				X	X		X
EPOXY ANCHORS		See Note 4				X	X		X
INSPECTOR CLASS (minimum requirements)			RBIP or Class 1		In Plant: RBIP or Class 1 Site: Class 4 for Single Story			Class 4 for Single Story	
SELECTION OF THE PROJECT INSPECTOR AND TESTING AGENCY			By the Owner and approved by DSA, A/E of Record and Structural Engineer		By the School District and approved by DSA, A/E of Record and Structural Engineer				
COST OF THE PROJECT INSPECTOR (CA Admin Code 4-333(b) AND TESTING AGENCY (CA Admin Code 4-335)			By the Owner		By the School District				
COPIES OF THE REPORT TO:			DSA (Original) I.O.R./F.I. Manufacturer Arch/SE noted on DSA-1			Architect School District I.O.R./F.I.		Structural Engineer DSA (Original) Manufacturer	

ITEMS IN RED FONT COLOR ARE USER NOTES AND INDICATE ITEMS THAT NEED TO BE VERIFIED FOR EACH SPECIFIC PC.
THE NOTES IN RED ABOVE AND BELOW ARE TO BE REMOVED PRIOR TO PLACING THE GUIDELINE ON THE DRAWINGS.

Note 1:
Verify that Either Condition a or b are met:
a) Concrete Plant complies fully with ASTM C94, Section 8 and 9, and has a current certification indicating the plant has automatic batching and recording capabilities from the National Ready Mixed Concrete Association
b) Compressive strength: 3500 psi Specified - 2500 psi Design
Requirements c thru f are met:
c) Inspector to check first batching at start of work and furnish mix proportions to licensed weighmaster
d) Licensed Weighmaster to positively identify materials as to quantity and certify each load by a ticket
e) Tickets transmitted to Inspector of Record
f) Submit Weighmaster Affidavit

Note 2: Air Content Test as required based on site location (for cold weather conditions)
Note 3: Required where the details of the PC specify a Welding
Note 4: Required where the details of the PC specify the use of this type of anchor

BUILDING DATA

OCCUPANCY	E/B
TYPE OF CONSTRUCTION	VB-RATED
WIND LOAD	V= 85 MPH; EXPOSURE = C; I = 1.00; K_{zt} = 1.00; λ = 1.21
FLOOR LIVE LOAD	50 LBS/SQ. FT., 50 LBS.+ 15 LBS./SQ. FT., 100 LBS/SQ. FT. & 125 LBS./SQ. FT.
ROOF LIVE LOAD	20 LBS/SQ FT (REDUCIBLE)
FIRE SPRINKLER SYSTEM WEIGHT (PSF)	1.5
ALLOWABLE SOIL PRESSURE (PSF)	1,500 FOR CONCRETE / 1,000 FOR WOOD
FLOOD HAZARD AREA	NO
BUILDING AREA	960 MIN – 5,760 MAX SQ FT
CLIMATE ZONES	1–16
MODULES	MOMENT-RESISTANT
SYSTEM	12' x 40' MODULES
FOUNDATION TYPE	CONCRETE / WOOD
SEISMIC	S_s = 1.5; S_1 = 0.000; F_a = 1.0; F_v = 0.0; S_{DS} = 1.000; S_{D1} = 0.000; I = 1.00; R = 3.50; Ω_0 = 3.00; C_d = 3.000; T = 0.190; Site Class = D; Seismic design category = D

APPLICABLE CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2008
2007 BUILDING STANDARS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2007 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2006 INTERNATIONAL BUILDING CODE VOLUMES 1-3 AND 2007 CALIFORNIA AMENDMENTS)
2007 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2005 NATIONAL ELECTRICAL CODE AND 2007 CALIFORNIA AMENDMENTS)
2007 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
(2006 UNIFORM MECHANICAL CODE AND 2007 CALIFORNIA AMENDMENTS)
2007 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2006 UNIFORM PLUMBING CODE AND 2007 CALIFORNIA AMENDMENTS)
2007 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
2004 SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1-2004)
2007 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2006 INTERNATIONAL FIRE CODE AND 2007 CALIFORNIA AMENDMENTS)
2007 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R.
(2006 INTERNATIONAL EXISTING BUILDING CODE AND 2007 CALIFORNIA AMENDMENTS)
2007 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 C.C.R. (PENDING ADOPTION)
2007 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	Automatic Sprinkler Systems	2002 Edition
NFPA 14	Standpipe Systems	2003 Edition
NFPA 17	Dry Chemical Extinguishing Systems	2002 Edition
NFPA 17a	Wet Chemical Systems	2002 Edition
NFPA 20	Stationary Pumps	2003 Edition
NFPA 24	Private Fire Mains	2002 Edition
NFPA 72	National Fire Alarm Code (California Amended) (Note See UL Standard 1971 for "Visual Devices")	2002 Edition
NFPA 253	Critical Radiant Flux of Floor Covering Systems	2006 Edition
NFPA 2001	Clean Agent Fire Extinguishing Systems	2004 Edition
ASME 17.1	Elevator Standard	2004 Edition

Reference code sections for applicable Standards – 2007 CBC Chapter 35 and 2007 CFC Chapter 45.

GENERAL NOTES

1. PC BUILDING CLASSIFED AS OCCUPANCY "A" WITH OCCUPANT LOAD 100 OR MORE CAN NOT BE REVIEWED OVER THE COUNTER (OTC).
2. PC BUILDING APPROVED ONLY FOR OCCUPANCY E OR B, OR A CATEGORY I & II WITH OCCUPANT LOAD LESS THAN 300.
3. PC BUILDING EXITING IS BASED ON THE USE OR OCCUPANCY AND WILL BE REVIEWED AS SITE SPECIFIC.
4. PC BUILDING LOCATED IN FIRE HAZARD SEVERITY ZONES PER WILDLAND URBAN INTERFADE FIRE AREAS (WUI) SHALL CONFORM TO CBC CHAPTER 7A.
5. SITE USE SPECIFIC REQUIREMENT FOR AUTOMATIC SPRINKLER SYSTEM MIGHT BE REQUIRED BUT NOT INCLUDED IN THIS PC APPROVAL.

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A2.1	MULTIPLE FLOOR PLAN CONFIGURATIONS
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S1F	WOOD FOUNDATION PLAN, NOTES AND DETAILS 50 P.S.F LIVE LOAD+15 P.S.F PART. LOAD FLOOR – PLYWOOD FLOOR
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REVISIONS		
NO	DATE	DESCRIPTION
1		
2		
3		
4		

DATE: 12/01/08
SCALE: NOTED
DRAWN BY: DM
SERIAL NO.:

CUSTOMER:

24' x 40' THRU 144' x 40' (ES) RELOCATABLE BUILDINGS
COVER SHEET

American Modular Systems Inc.
787 Spreckels Ave. Manteca, CA 95336
(209)825-1921 Fax (209)825-7018
americanmodular.com

APPROVALS:
PRE-CHECK (PC) DOCUMENT
CODE: 2007 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

LICENSED ARCHITECT — No. C12691 — STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 02-109635
AC [signature] FLS [signature]
DATE 1/29/09

PROJECT No.

T-S

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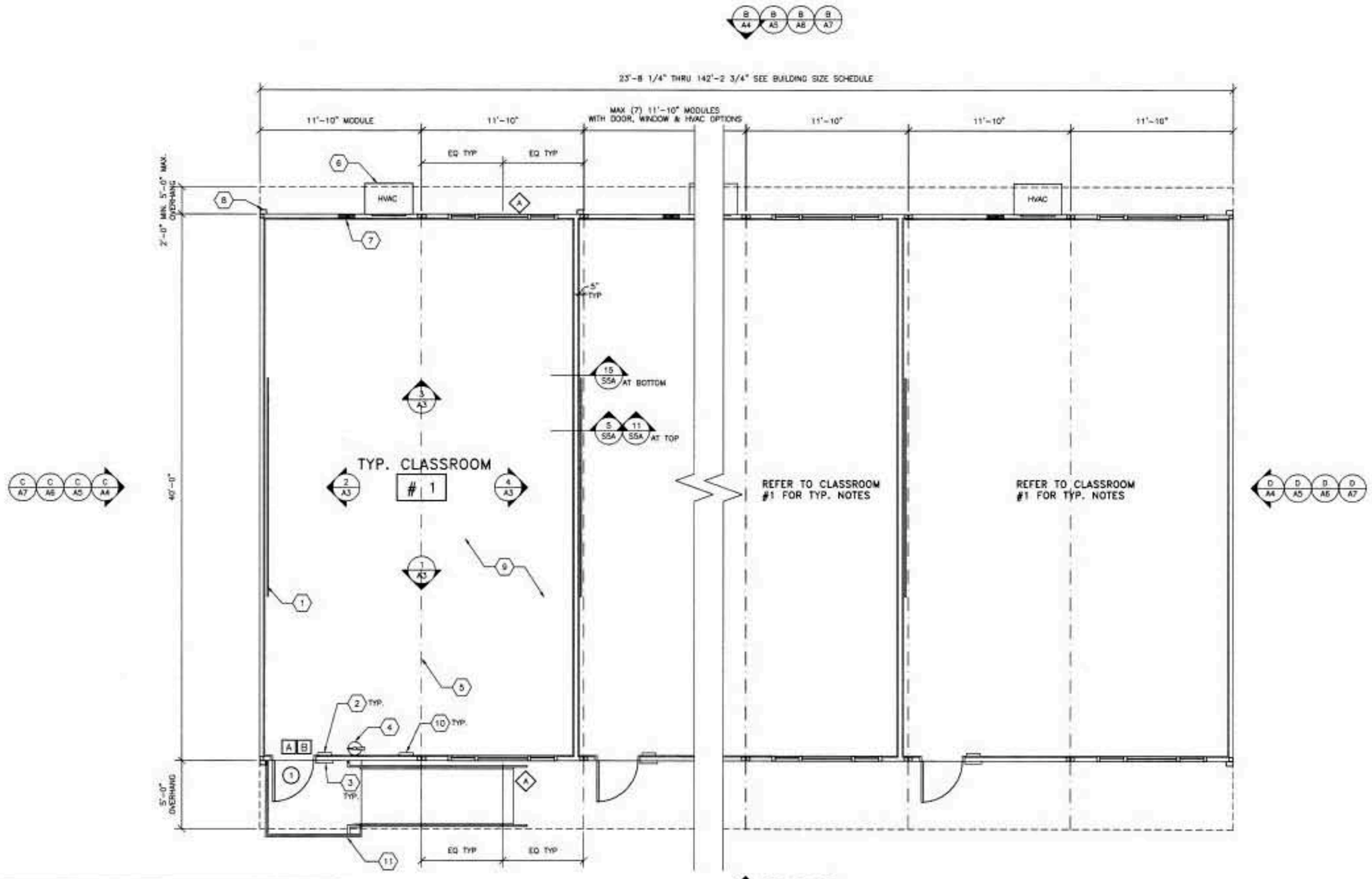

A A1 TYPICAL FLOOR PLAN
1/4"=1'-0"

REFER TO SHEET S8R FOR FOR ADDITIONAL RAMP DETAILS

B A1 TYPICAL RAMP PLAN
1/4"=1'-0"
OPTIONAL

- SHEET NOTES -

1. (2) 8'x4' MARKER BOARDS
2. EXIT TACTILE SIGN PER DETAIL 10/A0 (BY OWNER)
3. CLASSROOM ID & ISA PER DETAIL PER DETAIL 5 & 9/A0
4. FIRE EXTINGUISHER TOP OF BRACKET @ +48" A.F.F.
5. TYP MOD LINE
6. HVAC UNIT (LOCATION MAY VARY)
7. ELECTRICAL PANEL (LOCATION MAY VARY)
8. DOWNSPOUT (QUANITY & LOCATION MAY VARY)
9. CARPET
10. FLOOR LIVE LOAD SIGN PER 1603A.3 2007 CBC
11. OPTIONAL TYPICAL RAMP REFER TO SHEET S8R FOR DETAILS

- GENERAL NOTES -

1. REFER TO SHEETS A2 & A2.1 FOR ADDITIONAL FLOOR PLAN CONFIGURATIONS
2. INTERIOR WALLS MAY OCCUR THROUGHOUT BUILDING REFER TO SHEET S5A FOR ATTACHMENTS.
3. PANIC HARDWARE IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER CBC 1008.1.9
4. IF OCCUPANCY LOAD EXCEEDS 50 PROVIDE A SECOND EXIT DOOR PER CBC TABLE 1015.1
5. PROVIDE OCCUPANT LOAD SIGN (BY OWNER) CAPACITY POSTING PER CBC SECTION 1004.3 TITLE 19 C.C.R. SECTION 3.3.O. THIS ROOM SHALL BE POST WITH A DURABLE SIGN NEAR THE MAIN EXIT FROM THE ROOM.

- BUILDING SIZE SCHEDULE -

BUILDING	40'-0" MODULES	OVERALL SIZE
24' x 40'	2	23'-8 1/4"
36' x 40'	3	35'-6 1/2"
48' x 40'	4	47'-4 3/4"
60' x 40'	5	59'-3"
72' x 40'	6	71'-1 1/4"
84' x 40'	7	82'-11 1/2"
96' x 40'	8	94'-9 3/4"
108' x 40'	9	106'-8"
120' x 40'	10	118'-6 1/4"
132' x 40'	11	130'-4 1/2"
144' x 40'	12	142'-2 3/4"

SYMBOL SCHEDULE

- DOOR (REFER TO SHEET A3 FOR TYPES)
- X DOOR HARDWARE TYPE REFER TO DOOR HARDWARE SCHEDULE
- A WINDOW (REFER TO SHEET A3 FOR TYPES)

DOOR HARDWARE SCHEDULE

A	EXTERIOR DOOR LOCKSET W/ LEVER RHODES SCHLAGE D70PD
B	EXTERIOR DOOR PANIC BAR W/ PULL ON EXTERIOR VON DUPRIN 22Lx230NL (WHEN REQUIRED)

Exterior Door
A) Hinges: Hager 4-1/2X4-1/2 butts, BB1279 US26D,1-1/2 pair each door with set screw in barrel and ball bearing design
C) Closer: Norton 8500A or 8500BF series, LCN 1460 Del series or equal. (5 lbs. max. pressure) (15 lbs. max at fire doors.)
D) Weatherstripping: All exterior doors shall be weatherstripped with Pemko 2990, Ultra W5007, at door jambs and head or equal.
E) Threshold: Threshold shall be Pemko 271 AV 5" aluminum with Pemko 216 AV Ultra Th042 door bottom.

REVISIONS		
NO	DATE	DESCRIPTION
1		
2		
3		
4		

DATE: 12/01/08
SCALE: NOTED
DRAWN BY: DM
SERIAL NO.:

CUSTOMER:

24'x40' THRU 144'x40' (ES) RELOCATABLE CLASSROOMS
TYPICAL FLOOR PLAN

American Modular Systems Inc.
787 Spreckels Ave. Manteca, CA 95336
(209)825-1921 Fax (209)825-7018
americanmodular.com

APPROVALS:

ARCHITECT No. C12631 Exp. 12-31-09 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 02-109635
AC. FLS.
DATE 1/21/09

PROJECT No.

A1

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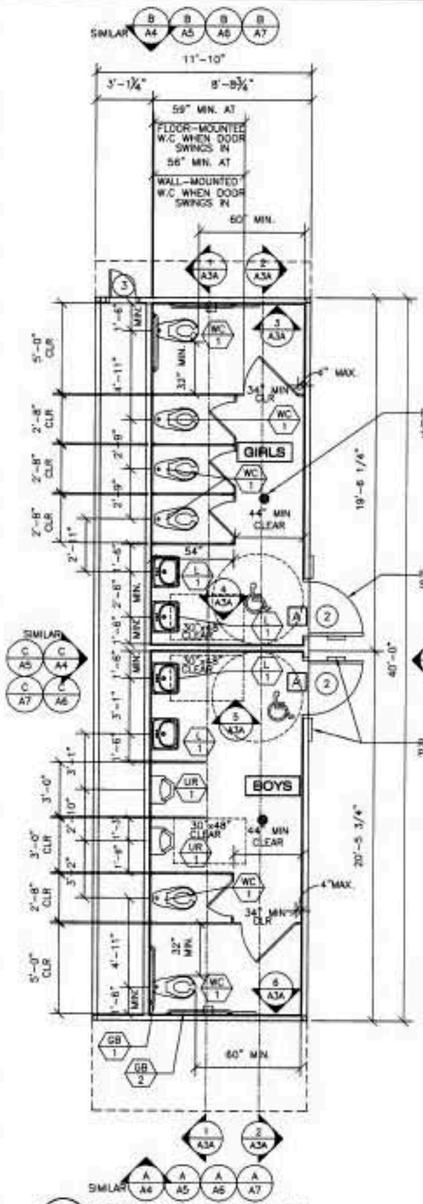
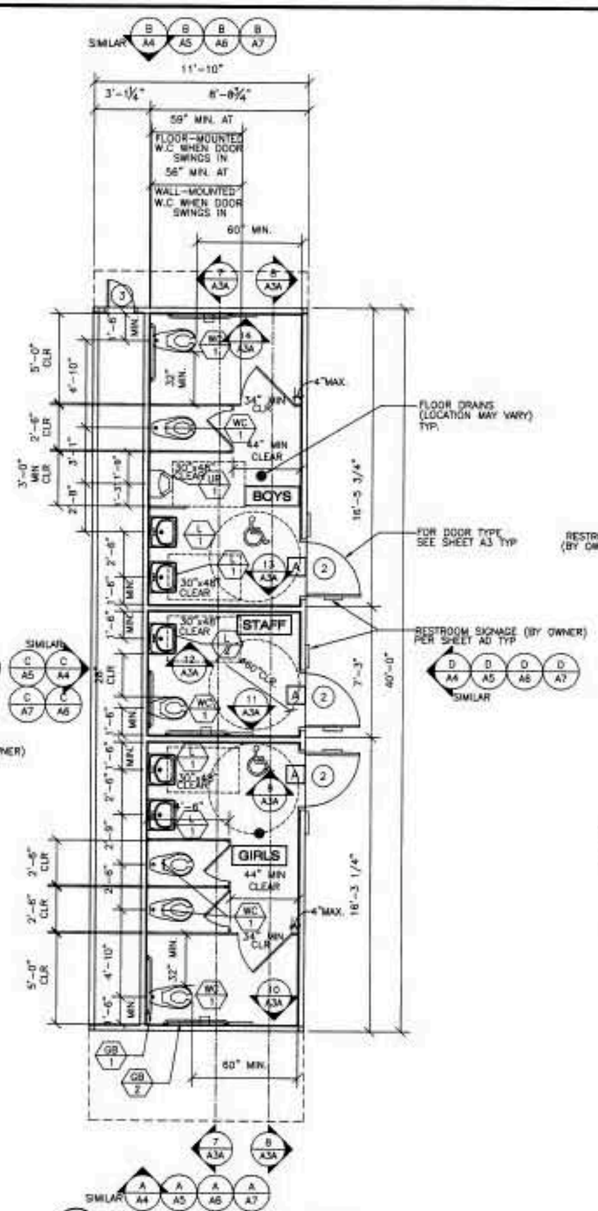
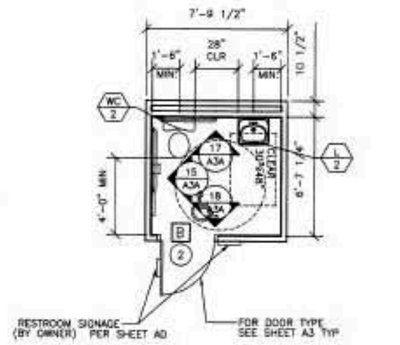


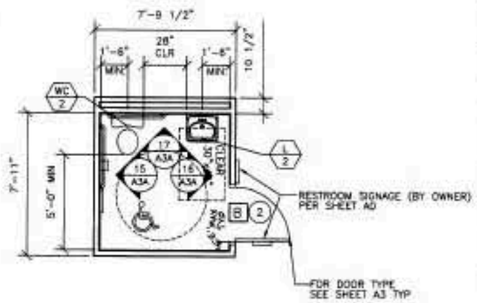
1 A1A BOYS & GIRLS R.R. PLAN 1/4"=1'-0"



2 A1A BOYS, GIRLS & STAFF R.R. PLAN 1/4"=1'-0"



3 A1A SINGLE TOILET PLAN 1/4"=1'-0" FRONT WALL APROACH



4 A1A SINGLE TOILET PLAN 1/4"=1'-0" SIDE WALL APPROACH

- SHEET NOTES -

1. RESTROOM CONFIGURATION MAY VARY PER BUILDING CONFIGURATION
2. INTERIOR WALLS MAY OCCUR THROUGHOUT BUILDING REFER TO SHEET S5A FOR ATTACHMENTS.
3. REFER TO SCHEDULE 15/A0 FOR ACCESSIBLE HEIGHTS @ TOILETS
4. REFER TO DETAILS 16 & 17/A0 FOR TOILET ANCHORAGE

SYMBOLS LEGEND

- DOOR (REFER TO SHEET A3 FOR TYPES)
- DOOR HARDWARE TYPE REFER TO DOOR HARDWARE SCHEDULE
- WINDOW (REFER TO SHEET A3 FOR TYPES)

DOOR HARDWARE TYPE SCHEDULE

A	EXTERIOR DOOR LOCKSET W/ LEVER RHODES SCHLAGE D70PD
B	INTERIOR PRIVACY LATCH (CBC 11159.3.2(7) SCHLAGE A40S W/ SATURN LEVER

Exterior Door
A) Hinges: Hager 4-1/2X4-1/2 butts, BB1279 US260,1-1/2 pair each door with set screw in barrel and ball bearing design
C) Closer: Norton 8500DA or 8500BF series, LCN 1460 Del series or equal. (5 lbs. max. pressure) (15 lbs. max per fire doors)
D) Weatherstripping: All exterior doors shall be weatherstripped with Pemko 2990, Ultra WS007, at door jambs and head or equal.
E) Threshold: Threshold shall be Pemko 271 AV 5" aluminum with Pemko 216 AV Ultra TH042 door bottom.

- STANDARD EQUIPMENT SCHEDULE -

A. SEWER AND WATER STUB OUTS – SHALL BE LOCATED WITHIN THE ALLOWABLE AREA AS SHOWN ON FLOOR PLAN AND CONNECTIONS SHOULD BE EASILY ACCESSIBLE FOR FUTURE RELOCATION. STUB OUT HEIGHT SHOULD BE COORDINATED BY THE MANUFACTURER.
B. PIPING – WATER, COPPER TYPE "L", 95/5 SOLDER, WASTE DRAIN AND VENT ABS.
C. TOILET TISSUE DISPENSER – BRADLEY MODEL 508-32 OR EQUAL
D. TOILET PARTITIONS – ACCURATE SOLID PLASTIC OR EQUAL
E. TOILET SEAT COVER – BOBRICK B-221 OR EQUAL

- BUILDING FIXTURE SCHEDULE -

MARK	FIXTURE	TYPE @ KINDERGARTEN	TYPE @ ELEMENTARY	TYPE @ ADULT	REMARKS
WC 1	WATER CLOSET	WALL MOUNT TYPE AMERICAN STANDARD MODEL AFWALL 2257.103 OR EQUAL	WALL MOUNT TYPE AMERICAN STANDARD MODEL AFWALL 2257.103 OR EQUAL	WALL MOUNT TYPE AMERICAN STANDARD MODEL AFWALL 2257.103 OR EQUAL	MOUNT AS SPECIFIED IN FLOOR PLANS
WC 2	WATER CLOSET	FLOOR MOUNT TANK TYPE AMERICAN STANDARD MODEL BABY DEVORO 2315.016 OR EQUAL	FLOOR MOUNT TANK TYPE AMERICAN STANDARD MODEL COLONY 2399.010 OR EQUAL	FLOOR MOUNT TANK TYPE AMERICAN STANDARD MODEL CADET 2998.012 OR EQUAL	MOUNT AS SPECIFIED IN FLOOR PLANS
WC 3	WATER CLOSET	FLOOR MOUNT FLUSH VALVE TYPE AMERICAN STANDARD MODEL BABY DEVORO 2282.010 OR EQUAL	FLOOR MOUNT FLUSH VALVE TYPE AMERICAN STANDARD MODEL MADERA 2234.015 OR EQUAL	FLOOR MOUNT FLUSH VALVE TYPE AMERICAN STANDARD MODEL MADERA 3043.102 OR EQUAL	FLUSH VALVE ZURN MODEL Z6000 OR EQUAL. MOUNT AS SPECIFIED IN FLOOR PLANS
L 1	LAVATORY	AMERICAN STANDARD MODEL LUCERNE 0356.421 OR EQUAL	—	—	AMERICAN STANDARD SINGLE CONTROL LAVATORY FAUCET MODEL 2175.205 MOUNT AS SPECIFIED IN FLOOR PLANS
L 2	LAVATORY	AMERICAN STANDARD MODEL LUCERNE 0355.012 OR EQUAL	—	—	AS SPECIFIED IN FLOOR PLANS
UR 1	URINAL	WALL MOUNT TYPE AMERICAN STANDARD MODEL ALLBROOK 6541.132 OR EQUAL	—	—	FLUSH VALVE ZURN MODEL Z6003 OR EQUAL MOUNT AS SPECIFIED IN FLOOR PLANS
M 1	MIRROR	WALL MOUNT TYPE BRADLEY MODEL 781-1830 OR EQUAL	—	—	MOUNT AS SPECIFIED IN FLOOR PLANS
GB 1	36" GRAB BARS	WALL MOUNT TYPE CREATIVE SPECIALTIES INTERNATIONAL MODEL R7436 (1 1/4" EXPOSED SCREW 36" & 42") OR EQUAL	—	—	18 GA. 304 STAINLESS STEEL SATIN FINISH MOUNT AS SPECIFIED IN FLOOR PLANS (STRUCTURAL STRENGTH OF GRAB BARS 250# MIN.)
GB 2	42" GRAB BARS				
WH 1	WATER HEATER	RHEEMGLAS ENERGY MISER ELECTRIC WATER HEATER RHEEM POINT OF USE MODEL 81VP2S THRU 82VP30-1 OR EQUAL	—	—	AVAILABLE IN 2 1/2, 6, 10, 15, 20 AND 30 GALLON MODELS MOUNT AS SPECIFIED IN FLOOR PLANS
FLS 1	FLOOR SINK	FLORESTONE FLOOR SINK MOLDED MOP RECEPTORS MODEL MSR-2424	—	—	AMERICAN STANDARD EXPOSED YOKE WALL MOUNT UTILITY FAUCET MODEL 8344.112
ULS 1	UTILITY SINK	WALL MOUNT TYPE ELJER RADFORD SINK MODEL 241-0354	—	—	AMERICAN STANDARD EXPOSED YOKE WALL MOUNT UTILITY FAUCET MODEL 8344.112
FV 1	FLUSH VALVE	ZURN FLUSH VALVE MODEL EXPOSED Z6000	—	—	FLOW OPTIONS: 1.6 GAL. LOW CONSUMPTION FLUSH WATER CLOSET VALVE MOUNT AS SPECIFIED IN FLOOR PLANS. HANDLE AT WIDE SIDE
FV 2	FLUSH VALVE	ZURN FLUSH VALVE MODEL EXPOSED Z6003	—	—	FLOW OPTIONS: 1.0 GAL. LOW CONSUMPTION FLUSH 3/4" URINAL VALVE MOUNT AS SPECIFIED IN FLOOR PLANS. HANDLE AT WIDE SIDE
CS 1	CLASSROOM SINK	TEKA SINGLE BOWL SINK MODEL #256-413 OR EQUAL	—	—	AS SPECIFIED IN FLOOR PLANS
CS 1	KITCHEN SINK	TEKA DOUBLE BOWL SINK MODEL #336-413 OR EQUAL	—	—	AS SPECIFIED IN FLOOR PLANS

REVISIONS

NO	DATE	DESCRIPTION
1		
2		
3		
4		

DATE: 12/01/08
SCALE: NOTED
DRAWN BY: DM
SERIAL NO.:

CUSTOMER:

24'x40' THRU 144'x40' (ES) RELOCATABLE CLASSROOMS
RESTROOM OPTION FLOOR PLANS

American Modular Systems Inc.
757 Sprecklels Ave. Manteca, CA 95336
(209)825-1921 Fax (209)825-7018
americanmodular.com

APPROVALS:

REGISTERED PROFESSIONAL ENGINEER No. C12631 Exp. 3-31-09 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 02-109635
AC FLS HL SS
DATE 1/29/09

PROJECT No.

A1A

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. AND ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT THE WRITTEN AUTHORIZATION OF AMERICAN MODULAR SYSTEMS, INC.

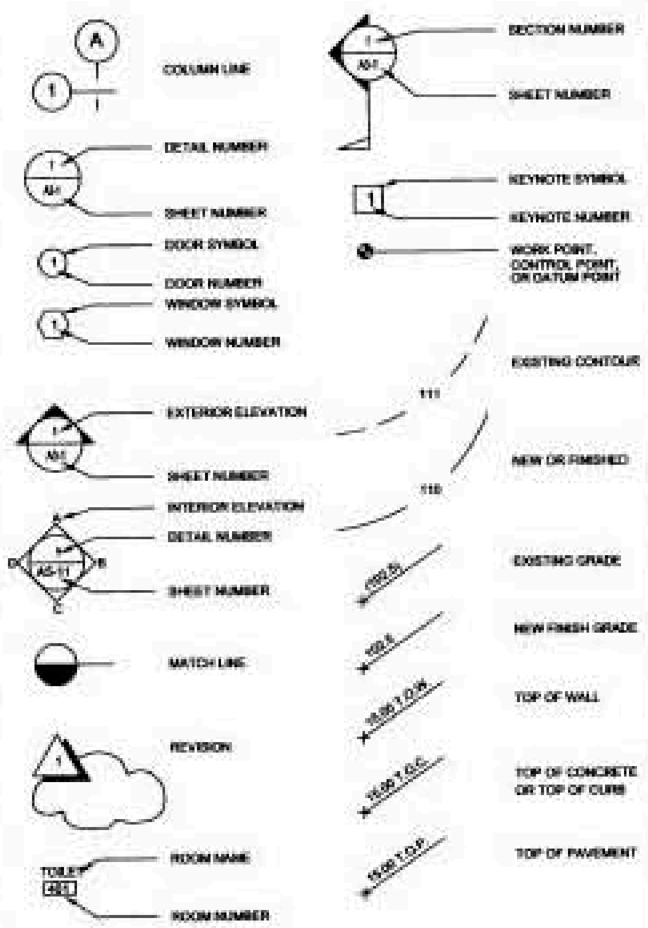
RELOCATABLE ADDITION AT SECRET RAVINE SCHOOL

PLACER COUNTY OFFICE OF EDUCATION NEWCASTLE, CALIFORNIA - PLACER COUNTY

ABBREVIATIONS

Abbr.	Meaning
&	And
∠	Angle
@	At
℄	Centerline
Ø	Diameter or Round
⊥	Perpendicular
#	Pound or Number
Ⓟ	Plate
A.C.	Asphalt Concrete
ACOUS.	Acoustical
A.D.	Area Drain
ADJ.	Adjustable
AGGR.	Aggregate
ALUM./AL.	Aluminum
ARCH.	Architectural
ASPH.	Asphalt
AUTO.	Automatic
A.V.	Audio Visual
B.	Bolt
BD.	Board
BLDG.	Building
BLK.	Block
BLKG.	Blocking
BM.	Beam
BOT.	Bottom
B.S.	Both Sides
CAB.	Cabinet
C.B.	Catch Basin
CB.	Chalkboard
CEM.	Cement
CER.	Ceramic
C.G.	Corner Guard
C.I.	Cast Iron
C.J.	Const. Joint/Control Joint
C.L.	Chain Link
CLG.	Ceiling
CLKG.	Caulking
CLR.	Clear
C.M.P.	Corrugated Metal Pipe
C.M.U.	Concrete Masonry Unit
CNTR.	Counter
COL.	Column
CONC.	Concrete
CONN.	Connection
CONSTR.	Construction
CONT.	Continuous
CORR.	Corridor
d	Pennyweight (Nails)
DBL.	Double
DET.	Detail
D.F.	Drinking Fountain
D.I.	Drain Inlet
DIA.	Diameter
DIM.	Dimension
DIM.PT.	Dimension Point
DN.	Down
DP.	Deep
D.P.	Damp Proofing
DR.	Door
D.S.	Downspout
DWG.	Drawing
E.	East
(E)/EXIST.	Existing
EA.	Each
E.J.	Expansion Joint
EL.	Elevation
ELEC.	Electrical
EMER.	Emergency
ENCL.	Enclosure
EQ.	Equal
EQPT.	Equipment
E.W.C.	Electric Water Cooler
EXP.	Expansion
EXT.	Exterior
F.A.	Fire Alarm
F.B.	Floorboard
F.D.	Floor Drain
FDN.	Foundation
F.E.	Fire Extinguisher
F.F.E.	Finish Floor Elevation
F.H.M.B.	Flat Head Machine Bolt
F.H.M.S.	Flat Head Machine Screw
FIN.	Finish
FL.	Floor
F.L.	Fusible Link
FLASHG.	Flashing
F.O.C.	Face of Concrete/Curb
F.O.F.	Face of Finish
F.O.S.	Face of Studs
F.R.P.	Fiberglass Reinforced Plastic
F.S.	Full Size
FT.	Foot/Feet
FTG.	Footing
FURR.	Furring
FUT.	Future
GA.	Gauge
GALV.	Galvanized
G.B.	Grab Bar
GL.	Glass/Glazing
GND.	Ground
GR.	Grade
GYP.	Gypsum
G.I.	Galvanized Iron
G.S.M.	Galvanized Sheet Metal
GYP.	Gypsum
GYP.BD.	Gypsum Board
HDR.	Header
HDWD.	Hardwood
HDW.	Hardware
HOR.	Horizontal
H.B.	Hose Bib
HR.	Hour (Fire Rating)
HGT.	Height
I.D.	Inside Diameter
IN.	Inch
INFO.	Information
INSUL.	Insulation
INT.	Interior
JAN.	Janitor
JST.	Joist
JT.	Joint
K.P.	Kickplate
KIT.	Kitchen
LAM.	Laminate
LAV.	Lavatory
LKR.	Locker
LT.WT.	Light Weight
L.V.	Louver Vent
MAX.	Maximum
M.B.	Machine Bolt
MAT'L.	Material
MECH.	Mechanical
MEMB.	Membrane
MEZZ.	Mezzanine
MFR.	Manufacturer
MH.	Manhole
MIN.	Minimum
MIR.	Mirror
MISC.	Miscellaneous
MTD.	Mounted
MET.	Metal
(N)	New
N.	North
N.I.C.	Not in Contract
NO./#	Number
NOM.	Nominal
N.T.S.	Not to Scale
O/	Over
O.A.	Overall
OBS.	Obscure
O.C.	On Center
O.D.	Outside Diameter
OFF.	Office
PRCST.	Precast
PERF.	Perforated
P.LAM.	Plastic Laminate
PLAS.	Plaster
PLYWD.	Plywood
P.M.	Pressed Metal
P.M.F.	Pressed Metal Frame
PR.	Pair
PRE-FAB	Prefabricated
PROJ.	Project
P.T.D.	Paper Towel Dispenser
P.T.D./R.	Paper Towel Dispenser Receptacle
PTN.	Partition
P.T.R.	Paper Towel Receptacle
R.	Riser
RAD.	Radius
R.B.	Rubber Base
R.D.	Roof Drain
R.E.	Rim Elevation
REFR.	Refrigerator
RGTR.	Register
REINF.	Reinforced
REQ.	Required
RET.	Return
RM.	Room
R.O.	Rough Opening
RWD.	Redwood
R.W.L.	Rain Water Leader
R.H.W.S.	Round Head Wood Screw
S.	South
S.D.	Soap Dispenser
SECT.	Section
SHR.	Shower
SHT.	Sheet
SHTG.	Sheathing
SIM.	Similar
S.M.	Sheet Metal
S.M.S.	Sheet Metal Screw
S.N.D.	Sanitary Napkin Dispenser
S.N.R.	Sanitary Napkin Receptacle
SPEC.	Specification
SQ.	Square
S.R.V.	Semi Rigid Vinyl
S.SK.	Service Sink
SST.	Stainless Steel
ST.	Street
STD.	Standard
STL.	Steel
STOR.	Storage
STRL.	Structural
SUSP.	Suspended
SYM.	Symmetrical
SHT.VNL.	Sheet Vinyl
T.	Toilet
TB.	Tackboard
T.B.	Towel Bar
T.&G.	Tongue & Groove
TEL.	Telephone
THK.	Thick
THRES.	Threshold
THRU.	Through
T.O.C.	Top of Curb
T.O.P.	Top of Pavement
T.O.W.	Top of Wall
T.P.D.	Toilet Paper Dispenser
TYP.	Typical
U.O.N.	Unless Otherwise Noted
UR.	Urinal
V.C.T.	Vinyl Composition Tile
VERT.	Vertical
V.F.	Vinyl Fabric
W.	West
W/	With
W.C.	Water Closet
WD.	Wood
W.H.	Water Heater
W/O	Without
WSCT.	Wainscot
W.W.M.	Welded Wire Mesh
WDW.	Window
WT.	Weight
YD.	Yard

SYMBOL LEGEND



PROJECT TEAM

OWNER

PLACER COUNTY OFFICE OF EDUCATION
360 NEVADA STREET
AUBURN, CA 95603
CONTACT: JAMES ANDERBERG
(530) 889-5905

ARCHITECT

CA ASSOCIATES
9642 CRIPPLE CREEK LANE
NEWCASTLE, CALIFORNIA 95658-9718
(916) 663-9401
(916) 663-9402 FAX
CA.ASSOCIATES@NCBB.NET
CONTACT: CARIN G. AICHELE

CIVIL ENGINEER

WARREN CONSULTING ENGINEERS, INC
160 BLUE RAVINE ROAD, SUITE C
FOLSOM, CA 95630
CONTACT: GEORGE WARREN
(916) 985-1870

ELECTRICAL ENGINEER

CHARLES A. MARTIN AND ASSOCIATES
2730 C STREET
SACRAMENTO, CALIFORNIA 95816
CONTACT: PETE JOHANSON
(916) 442-0416

RELOCATABLE MANUFACTURER

AMERICAN MODULAR SYSTEMS, INC
787 SPRECKELS AVENUE
MANTECA, CALIFORNIA 95336
CONTACT: RICK TORRES
(209) 825-1921

FIRE AUTHORITY

NEWCASTLE FIRE DEPARTMENT
9211 CYPRUS STREET
NEWCASTLE, CA 95658
(916) 663-9369
JAY LOVE, BATTALION CHIEF

GENERAL NOTES

GENERAL NOTES

A. SAFETY
CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE PREMISES ON WHICH THE WORK IS PERFORMED AND FOR THE SAFETY OF ALL PERSONS AND PROPERTY ON THE SITE BOTH DURING AND OUTSIDE OF NORMAL WORKING HOURS, UNTIL SUCH WORK IS ACCEPTED BY THE OWNER.

B. UNDERGROUND SERVICES
THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND/OR UTILITY DISTRICT AS TO THE LOCATION OF ALL UNDERGROUND FACILITIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND UTILITIES OR OTHER BURIED OBJECTS WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.

C. USE OF BARRICADES AND SITE CONTROLS
WHEN THE WORK AREA HAS TRENCHES OR DITCHES DEEPER THAN ONE FOOT, THE CONTRACTOR SHALL PROVIDE FENCING AND BARRICADES AND SUCH TRENCHES AND DITCHES SHALL BE COVERED AT THE END OF EACH DAY. THE CONTRACTOR SHALL EXPEDITE THE FILLING AND COMPACTING OF THE TRENCHES AND DITCHES.

D. QUANTITIES
MATERIAL QUANTITIES IF ANY NOTED ON THESE PLANS ARE NOT GUARANTEED CONTRACT QUANTITIES. CONTRACTOR IS TO PERFORM HIS OWN ESTIMATE AND QUANTITY TAKE-OFF. CONTRACTOR IS TO PROVIDE ALL MATERIALS NECESSARY TO ACCOMPLISH COMPLETE PROJECT EVEN IF QUANTITIES ARE DIFFERENT FROM THOSE NOTED ON THE DRAWINGS.

E. PRE-EXISTING CONDITIONS
THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING SITE CONDITIONS PRIOR TO SUBMITTING A BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPENCIES.

F. ALL ITEMS NOT SHOWN AS (E) EXISTING SHALL BE CONSIDERED NEW AND ARE A PART OF THIS CONTRACT.

G. EXISTING GRADES
EXISTING GRADES IF INDICATED ARE APPROX. ONLY AND MAY VARY. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ALL FILL MATERIAL NECESSARY TO BRING THE PADS AND PAVING TO FINISH ELEVATIONS SHOWN REGARDLESS OF QUANTITY.

H. SEASONAL LIMITS
FILL MATERIAL SHALL NOT BE PLACED, SPREAD OR ROLLED DURING UNFAVORABLE WEATHER CONDITIONS. WHEN THE WORK IS INTERRUPTED BY HEAVY RAINS, FILL OPERATIONS SHALL NOT BE RESUMED UNTIL FIELD TESTS INDICATE THAT THE MOISTURE CONTENTS OF THE SUBGRADE AND FILL MATERIALS ARE SATISFACTORY.

I. MATERIALS
ALL FILL AT BUILDING PADS AND PAVED AREAS SHALL BE AGGREGATE BASE ROCK. ALL FILL MATERIALS SHALL BE TESTED FOR MATERIALS CONTENT AT BORROW PIT OR SOILS PLANT.

J. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING THAT ALL NECESSARY PERMITS AND APPROVALS ARE OBTAINED PRIOR TO BEGINNING WORK OR ORDERING MATERIALS.

CLEARING, GRUBBING AND PREPARING BUILDING PADS

A. ALL SIGNIFICANT VEGETATION, SATURATED MATERIALS AND UNDERGROUND UTILITIES WITHIN TWO FEET (2') OF ORIGINAL OR FINAL GRADE (WHICHEVER IS LOWER) SHALL BE REMOVED FROM BUILDING AREAS AND DISPOSED OF OFF-SITE. EXCAVATIONS AND DEPRESSIONS RESULTING FROM THE REMOVAL OF SUCH ITEMS SHALL BE CLEANED OUT TO FIRM, UNDISTURBED SOIL AND BACKFILLED WITH SUITABLE MATERIALS IN ACCORDANCE WITH THESE SPECIFICATIONS.

B. THE SURFACES UPON WHICH FILL IS TO BE PLACED SHALL BE PLOWED OR SCARIFIED TO A DEPTH OF AT LEAST SIX INCHES (6") AND MOISTURE CONDITIONED UNTIL SATISFACTORY FOR COMPACTION.
AFTER THE SUBGRADE HAS BEEN ADEQUATELY PROCESSED, IT SHALL BE COMPACTED TO NOT LESS THAN NINETY PERCENT (90%) OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE ASTM D1557-78 COMPACTION TEST.

C. COSTS
CLEARING AND GRUBBING BID SHALL INCLUDE COST FOR REMOVING EXISTING TREES, STUMPS, ROOTS, VEGETATION, DEBRIS, ABANDONED PIPES, CONCRETE AS SHOWN, ASPHALT PAVEMENT AS SHOWN, THE CUTTING OF PAVEMENT AS SHOWN AND, DISPOSAL OF EXCESS MATERIALS OFF SITE.

FINAL SUBGRADE PREPARATION

A. THE UPPER SIX INCHES (6") OF THE FINAL BUILDING PAD AND A.C. PAVED AREA SUBGRADES SHALL BE UNIFORMLY COMPACTED TO AN ACCEPTABLE, FIRM CONDITION REGARDLESS OF WHETHER FINAL SUBGRADE ELEVATION IS ATTAINED BY FILLING, EXCAVATION OR IS LEFT AT EXISTING GRADE. NO LIME ADDITIVES ALLOWED WITHOUT EXPRESS WRITTEN PERMISSION OF THE ARCHITECT.

SITE RESTORATION

A. IRRIGATION SYSTEM
CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND RESTORATION OF IRRIGATION SYSTEMS, INCLUDING LOCATING AND SECURELY CAPPING LINES SERVING SPRINKLER HEADS WITHIN FIVE FEET OF NEW BUILDINGS, OR NEW PAVED AREAS. SERVICES OF A QUALIFIED IRRIGATION SYSTEM SERVICE COMPANY SHALL BE EMPLOYED AS NECESSARY, TO OBTAIN SATISFACTORY PERFORMANCE FOLLOWING CONSTRUCTION. OPERATIONAL TESTING OF IRRIGATION SYSTEMS SHALL BE A CONDITION OF FINAL ACCEPTANCE OF WORK.

B. RESTORATION, GENERAL
IN GENERAL, CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF DISTURBED AREAS AND EQUIPMENT TO FULL FUNCTION, INCLUDING LEVELING AND RESEEDING OF DISTURBED TURF AREAS. UNDERGROUND UTILITIES DAMAGED BY CONSTRUCTION SHALL BE FULLY RESTORED.

C. ADJUSTMENT TO GRADE
RE-ESTABLISH ALL EXISTING UTILITY BOXES, MANHOLES, CLEANOUTS, ETC., IN AREAS OF WORK TO FINISH GRADE

D. DESIGNATED DISPOSAL AREAS
THE CONTRACTOR SHALL REMOVE ALL EXCESS SOIL AND DEBRIS FROM THE PROJECT SITE.

PTN #10314-14	OPSC #50/10314-00-010

DEFERRED APPROVAL ITEMS

NONE

THESE DRAWINGS, SPECIFICATIONS, AND CALCULATIONS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS WHO ARE LICENSED AND AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN REVIEWED BY ME FOR DESIGN INTENT AND HAVE BEEN FOUND 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.

ALL SHEETS LISTED UNDER BUILDING MANUFACTURER AS FOLLOWS:

MODULAR RELOCATABLE BUILDING DRAWINGS BY AMERICAN MODULAR SYSTEMS, INC. / PC#02-109695

Carin G. Aichele, Principal — Date 1/21/11

CA Associates, Inc. – 9642 Cripple Creek Lane – Newcastle, CA 95658 – (916) 663-9401
Phone / 663-9402 Fax / CA.Associates@ncbb.net
License #C-23937
Expiration: 11\30\2011

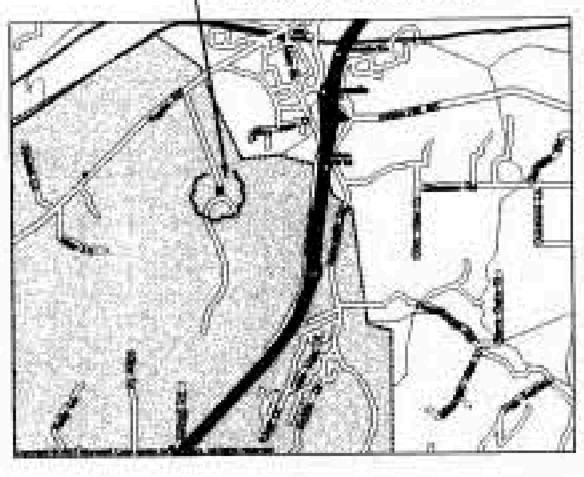
SCOPE OF WORK

1. NEW 40' X 60' RELOCATABLE CLASSROOM

DEMOLITION AS REQUIRED
GRADING AS REQUIRED
EXTEND EXISTING UTILITIES
ELECTRICAL, FIRE ALARM, AND SIGNAL SYSTEMS
PAVING AROUND BUILDING AREA
ACCESSIBLE PARKING
ADDITONAL (10) PARKING SPACES FOR NEW CR BUILDING

VICINITY MAP

SITE ADDRESS
SECRET RAVINE SCHOOL
645 KENTUCKY GREENS WAY
NEWCASTLE, CA 95658



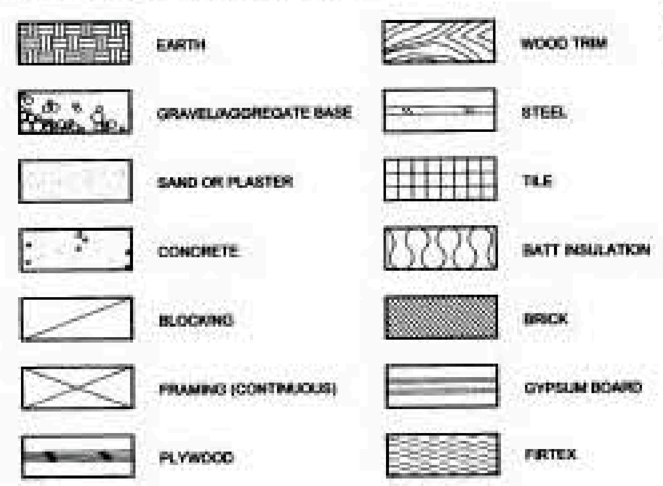
Applicable Codes:

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
TITLE 24 CCR, PART 1 – 2007 BUILDING STANDARDS ADMINISTRATIVE CODE
TITLE 24 CCR, PART 2 – 2007 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC) (2006 IBC, AS AMENDED BY CA)
TITLE 24 CCR, PART 3 – 2007 CALIFORNIA ELECTRICAL CODE (CEC) (2005 NEC, AS AMENDED BY CA)
TITLE 24 CCR, PART 4 – 2007 CALIFORNIA MECHANICAL CODE (CMC) (2006 IAPMO UMC, AS AMENDED BY CA)
TITLE 24 CCR, PART 5 – 2007 CALIFORNIA PLUMBING CODE (CPC) (2006 IAPMO UPC, AS AMENDED BY CA)
TITLE 24 CCR, PART 6 – 2008 CALIFORNIA ENERGY CODE
TITLE 24 CCR, PART 7 – 2007 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE
TITLE 24 CCR, PART 8 – 2007 CALIFORNIA HISTORICAL BUILDING CODE
TITLE 24 CCR, PART 9 – 2007 CALIFORNIA FIRE CODE (CFC) (2006 IFC, AS AMENDED BY CA)
TITLE 24 CCR, PART 10 – 2007 EXISTING BUILDING CODE
TITLE 24 CCR, PART 12 – 2007 CALIFORNIA REFERENCED STANDARDS (PARTIAL LIST – SEE CBC CH. 35 AND CFC CH. 45)
2002 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)
2007 NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
2002 NFPA 17, DRY CHEMICAL EXTINGUISHING SYSTEMS
2002 NFPA 17A, WET CHEMICAL EXTINGUISHING SYSTEMS
2003 NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
2003 NFPA 22, WATER TANKS FOR PRIVATE FIRE PROTECTION
2007 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
2006 NFPA 25, INSPECTION, TESTING, MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS (CA AMENDED)
2007 NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED); SEE UL STD 1971 FOR "VISUAL DEVICES"
2002 ICC 300, BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS (ICC/ANSI 300-2002)

NOTES:

1. INSPECTION SHALL BE PROVIDED AS REQUIRED UNDER TITLE 24. INSPECTOR WILL BE EMPLOYED BY THE OWNER AND APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT. ALL WORK SHALL BE LIABLE TO INSPECTION AND THE INSPECTOR SHALL HAVE FULL ACCESS TO REVIEW ALL WORK DURING ALL WORKING TIMES. THE CONTRACTOR SHALL FURNISH THE INSPECTOR WITH ANY INFORMATION NECESSARY TO FULLY INFORM HIM OF CONDITIONS. INSPECTION DOES NOT RELIVE THE CONTRACTOR FROM FULFILLING THE REQUIREMENTS OF THE CONTRACT.
2. NO EXTRA WORK SHALL BE PERFORMED OR CHANGE BE MADE UNLESS IN PURSUANCE OF A WRITTEN CHANGE ORDER FROM THE OWNER, CONTRACTOR AND ARCHITECT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT, STATING THAT THE EXTRA WORK OR CHANGE IS AUTHORIZED AND NO CLAIM FOR AN ADDITION TO THE CONTRACT SUM SHALL BE VALID UNLESS THE EXTRA WORK OR CHANGE IS SO ORDERED.
3. MINIMUM IOR CLASS REQUIRED FOR THIS PROJECT IS: CLASS 3

MATERIAL LEGEND



ARCH

LICENSED ARCHITECT — CARIN G. AICHELE — C-23937 — RENEWAL DATE — STATE OF CALIFORNIA

DSA/OPB

FILE NO. 31 - 45

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION # 02- 111748
AC FLS SS
DATE 1-24-2011

CA[redacted]ATES
ARCHITECTURE
"BUILT AROUND A WORLD OF POSSIBILITIES"
CARIN G. AICHELE
PRINCIPAL ARCHITECT
9642 CRIPPLE CREEK LN.
NEWCASTLE, CA 95658
916.663.9401
CA.ASSOCIATES@NCBB.NET

SHEET INDEX

ARCHITECTURAL

Sheet	Title
CS	COVER SHEET & GENERAL INFORMATION
A1.1	OVERALL SITE PLAN: PATH OF TRAVEL, BUILDING INFORMATION & LFA APPROVAL
A1.2	ENLARGED SITE PLAN, CODE EVALUATION AND DETAILS
A1.3	BUILDING A CODE ANALYSIS PER DSA #02-111758 - FOR REFERENCE ONLY

CIVIL

Sheet	Title
C0.1	COVER SHEET
C0.2	TOPOGRAPHIC SURVEY
C1.1	DEMOLITION PLAN
C1.2	ENGINEERED FILL PLAN
C1.3	HORIZONTAL CONTROL PLAN
C2.1	GRADING PLAN
C3.1	UTILITY PLAN
C4.1	PAVING PLAN
C5.1	EROSION CONTROL PLAN
C6.1	DETAILS AND SECTIONS
C6.2	DETAILS AND SECTIONS

ELECTRICAL

Sheet	Title
E0.1	SYMBOLS, NOTES & DETAILS
E1.1	PARTIAL SITE PLAN - ELECTRICAL
E2.1	FLOOR PLAN - SIGNAL
E2.2	FLOOR PLAN - FIRE ALARM

MODULAR RELOCATABLE BUILDING DRAWINGS (BY AMERICAN MODULAR, INC.)

Sheet	Title
TS-1	COVER SHEET
A1	FLOOR PLAN
A3	INTERIOR ELEVATIONS
A3A	INTERIOR ELEVATIONS
A5	EXTERIOR ELEVATIONS - SYNTHETIC STUCCO
A5A	ARCHITECTURAL DETAILS - SYNTHETIC STUCCO OPTION
AD	ACCESSIBLE DETAILS
N1	GENERAL NOTES
N2	GENERAL NOTES
M1	REFLECTED CEILING PLAN
M2	MECHANICAL BUILDING SECTION AND CEILING DETAILS
M3	CEILING AND MECHANICAL NOTES
E1	ELECTRICAL PLAN
E2	ELECTRICAL NOTES & DETAILS
S1	CONCRETE FOUNDATION PLAN
S1C	CONCRETE FOOTING DETAILS
S1D	CONCRETE FOOTING DETAILS
S2	FLOOR FRAMING PLAN AND DETAILS (PLYWOOD)
S3A	ROOF FRAMING PLAN & DETAILS (ENCLOSED SOFFIT)
S4	TYPICAL FRAME ELEVATIONS
S5	WALL FRAMING
S5A	WALL FRAMING DETAILS
S7	TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATIONS

RELOCATABLE ADDITION AT
SECRET RAVINE SCHOOL
PLACER COUNTY OFFICE OF EDUCATION
NEWCASTLE, CA

COVER SHEET
GENERAL INFORMATION

REVISIONS	BY			
		DRAWN F. Aichele	PROJECT NO.	08-170A
		CHECKED C. Aichele	DATE	01/21/11
		SCALE NTS	SHEET	CS
		CADFILE 10-170CS.DWG		
		UPDATED		OF SHEETS

LOCAL FIRE AUTHORITY REVIEW

LOCAL FIRE AUTHORITY TO INITIAL THE ITEMS AS APPLICABLE TO THIS PROJECT AND SIGN BELOW.

ACCESS ROADS AND FIRE HYDRANTS

H ACCESS ROADS AND GATE ENTRANCES ARE IN ACCORDANCE WITH TITLE 19, CALIFORNIA CODE OF REGULATIONS DIV.1, CHAP.1, SUB. CHAP.1, ARTICLE 3 NUMBER 3.05 (ACCESS ROADS) AND 3.16 (GATE ENTRANCES) TO SCHOOL SITES.

H FIRE FLOW, FIRE HYDRANT LOCATION AND DISTRIBUTION ARE IN ACCORDANCE WITH CALIFORNIA FIRE CODE, APPENDIX III-A (FIRE FLOW) AND APPENDIX III-B (HYDRANT LOCATIONS).

N/A WILD URBAN INTERFACE AREA.

AUTOMATIC FIRE SPRINKLER SYSTEMS

N/A THE LOCATION(S) OF THE PROPOSED POST INDICATOR VALVE (PIV) AND FIRE DEPARTMENT CONNECTION (FDC) MEETS THE REQUIREMENTS OF THIS JURISDICTION AT THIS TIME.

N/A THE LOCATION(S) OF THE DETECTOR CHECK VALVE ASSEMBLY (DCVA) MEETS THE REQUIREMENTS OF THIS JURISDICTION AT THIS TIME.

N/A THE FIRE PUMP ASSEMBLY/ BACKFLOW PREVENTER MEETS THE REQUIREMENTS OF THIS JURISDICTION AT THIS TIME.

LOCAL FIRE AUTHORITY: NEWCASTLE FIRE PROTECTION DISTRICT

ADDRESS: 9211 CYPRESS STREET

CITY/STATE/ZIP: NEWCASTLE, CA. 95658

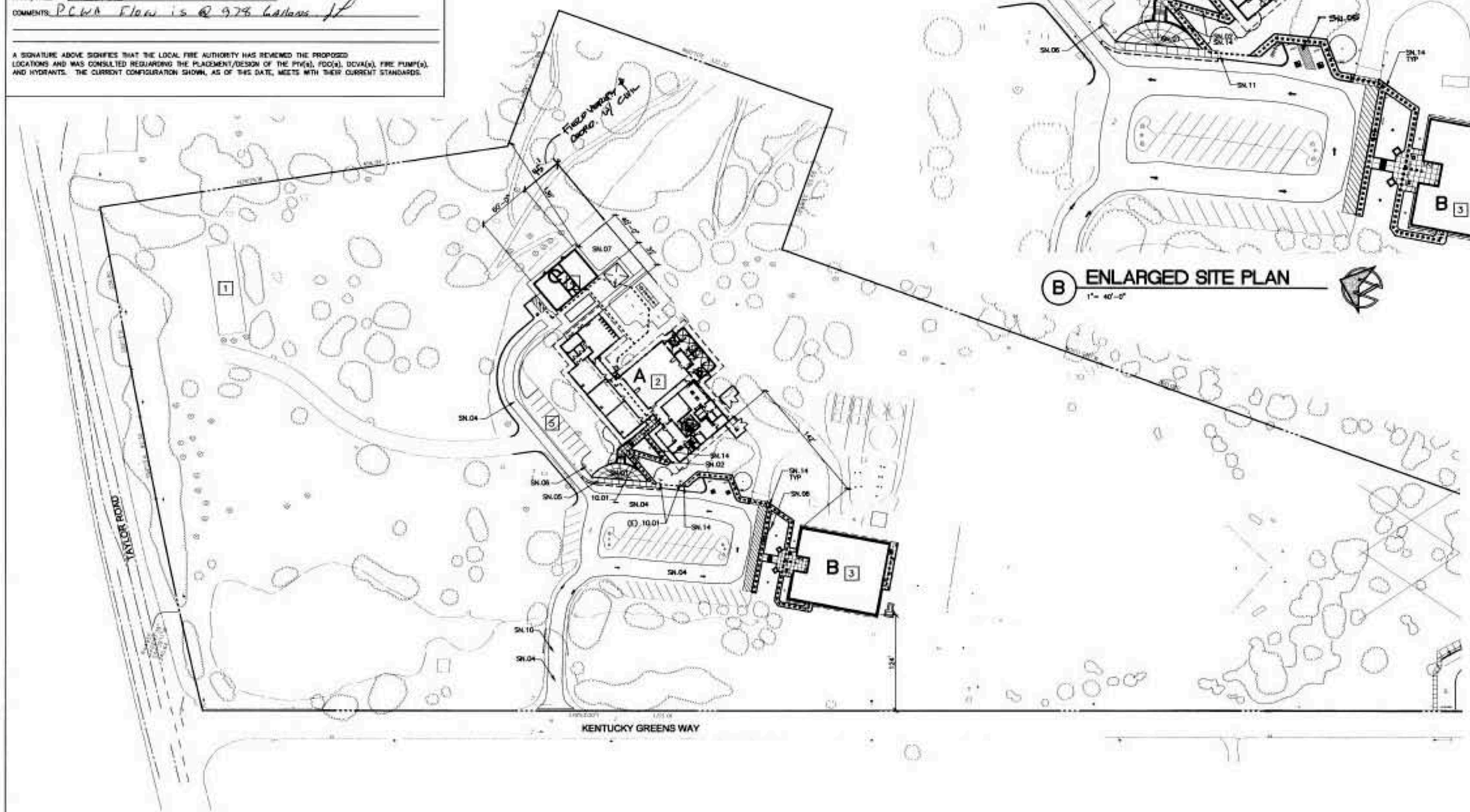
PHONE NUMBER: (916) 663-9369 DATE:

APPROVAL ISSUED BY: Jay Love 1-19-11
JAY LOVE

RANK/TITLE: BATALLION CHIEF

COMMENTS: PCWA Flow is @ 978 Gallons

A SIGNATURE ABOVE SIGNIFIES THAT THE LOCAL FIRE AUTHORITY HAS REVIEWED THE PROPOSED LOCATIONS AND WAS CONSULTED REGUARDING THE PLACEMENT/DESIGN OF THE PIV(s), FDC(s), DCVA(s), FIRE PUMP(s), AND HYDRANTS. THE CURRENT CONFIGURATION SHOWN, AS OF THIS DATE, MEETS WITH THEIR CURRENT STANDARDS.



(A) OVERALL SITE PLAN
1"=60'-0"

(B) ENLARGED SITE PLAN
1"= 40'-0"

ARCH

LICENSED ARCHITECT CARIN B. ACOSTA C-18637 11/30/11 RENEWAL DATE STATE OF CALIFORNIA

DSA/OPS

FILE NO. 31 - 48

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION # 02 - 111749
AC. FLR. 08
DATE 1 - 24 - 11

CA[redacted]TES
ARCHITECTURE
"BUILT AROUND A WORLD OF POSSIBILITIES"
CARIN B. ACOSTA
PRINCIPAL ARCHITECT
9845 GRIPPLE CREEK LN.
NEWCASTLE, CA 95658
CA.ASSOCIATES@HOME.NET
916.663.9401

LEGEND

PROPERTY LINE
EXISTING CONDITIONS

FIRE DEPARTMENT ACCESS LANE

1 (E) DISTRICT FACILITIES AND MAINTENANCE SHOP
2 (E) SECRET RAVINE K-8 ED FACILITY
3 (E) SIERRA VISTA 9-12 ED FACILITY
4 NEW RELOCATABLE CR ADDITION
5 NEW PARKING EXPANSION

SHEET NOTES

SN.01 (E) ENTRANCE PLAZA PER 02-111490
SN.02 (E) ADA RAMP - PER 02-111490
SN.03 ACCESSIBLE ENTRANCE:PER 02-111490
SN.04 (E) FIRE DEPARTMENT ACCESS LANE - 20' MINIMUM
SN.05 (E) ACCESSIBLE ~~PARKING~~ ENTRANCE Perp. DSA 02-111490
SN.06 (E) FIRE HYDRANT
SN.07 (E) PLANTER AREA
SN.08 (E) BENCHES
SN.09 (E) APPARTUS AREA PER DSA #02-111490
SN.10 (E) GATE - 20' MINIMUM
SN.11 (E) ACCESSIBLE PASSENGER DROP-OFF AREA PER DSA #02-111490
SN.12 (N) PARKING AREA
SN.13 FUTURE SHADE STRUCTURE - NOT PART OF THIS APPLICATION
SN.14 ACCESSIBLE PATH OF TRAVEL
SN.15 (N) CONCRETE PATIO AREA
SN.16 EDGE OF (N) RUBBER SAFETY SURFACING

KEYNOTES

2.46 (E) APPARATUS EQUIPMENT
2.80 (E) RUBBER SAFETY SURFACING
3.16 CONCRETE PAVING/WALKWAY
10.01 SIGN: (E) SITE DIRECTIONAL PER DSA #02-111490
10.11 SIGN: (N) ACCESSIBLE ENTRANCE PER DSA #02-111490
10.12 SIGN: (E) EXIT PER DSA#02-111490
10.13 SIGN: (N) SITE DIRECTIONAL - SIGN TO REFER ACCESSIBLE PARKING ABOVE, ADJACENT TO BUILDING C.

BUILDING INFORMATION

BUILDING	APPLICATION NO.	BUILDING NAME	S.F.	TYPE/ OCCUPANCY
A	02-39293	(E) CLASSROOM BUILDING	14,753	V-HRR -SPRINKLERED/ B, E-1,& A3
B	02-106404	(E) CLASSROOM BUILDING	7,696	V-N/B & E-1
C	N/A	NEW RELOCATABLE CLASSROOM BUILDING	2,400	V-N/E-1

ACCESSIBILITY NOTES

ACCESSIBLE PATH OF TRAVEL

PATH OF TRAVEL (P.O.T.) AS INDICATED IS A MIN 48" WIDE BARRIER FREE ACCESSIBLE ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING ½" AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED ¼" VERTICAL. CROSS SLOPE DOES NOT EXCEED 2% TYPICAL AND IN DIRECTION OF TRAVEL THE SLOPE DOES NOT EXCEED 5% U.O.N. SURFACE IS SLIP RESISTANT, STABLE, FIRM, SMOOTH, AND AT LEAST 48" WIDE. PASSING SPACES AT LEAST 60" X 60" ARE LOCATED NOT MORE THAN 200' APART. CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART. THE CONTRACTOR SHALL VERIFY THAT THE BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN OR WILL BE REMOVED UNDER THIS PROJECT. P.O.T. SHALL BE FREE OF OVERHANGING OBSTRUCTIONS TO MIN. 80" ABOVE FINISH SURFACE, PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL & ABOVE 27" & LESS THAN 80".

RELOCATABLE ADDITION AT SECRET RAVINE SCHOOL
PLACER COUNTY OFFICE OF EDUCATION
NEWCASTLE, CA

OVERALL SITE PLAN

REVISIONS	BY	DRAWN F. Aichele	PROJECT NO. 08-170A
		CHECKED C. Aichele	DATE 01/21/11
		SCALE NTS	SHEET A1.1
		CADFILE 10-188CS.DWG	
		UPDATED	OF SHEETS

BUILDING AREA - RELOCATABLE

(1) NEW 40'x60' @ 2,400 S.F.

TOTAL = 2,400 S.F.
< 9,500 OK

OCCUPANCY GROUP: E-1
BUILDING TYPE: V-NR - UNSPRINKLED
AUTOMATIC FIRE ALARM SYSTEM
MIN. 20' SEPARATION FROM BUILDING A

PARKING LOT SPACE SUMMARY

(36) (E) STANDARD SPACES
(1) (E) D.A. VAN STALL
(1) (E) D.A. STANDARD STALLS
(10) (N) STALLS
(1) (N) D.A. VAN STALL
(50) TOTAL SPACES PROVIDED – REQUIRES (3) ACCESSIBLE SPACES
(3) D.A. REQUIRED – (3) PROVIDED ✓OK

ARCH

LICENSED ARCHITECT
CARIN B. AICHELE
C-25837
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

DSA/OPS
FILE NO. 31 - 46
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION # 09 - 111749
AC FLS DATE 1-24-11

CA ASSOCIATES
ARCHITECTURE
"BUILT AROUND A WORLD OF POSSIBILITIES"
CARIN B. AICHELE
PRINCIPAL ARCHITECT
8642 CRIPPLE CREEK LN.
NEWCASTLE, CA 95658
916.663.9401
CA.ASSOCIATES+NCSB.NET

LEGEND

PROPERTY LINE
EXISTING CONDITIONS

FIRE DEPARTMENT ACCESS LANE

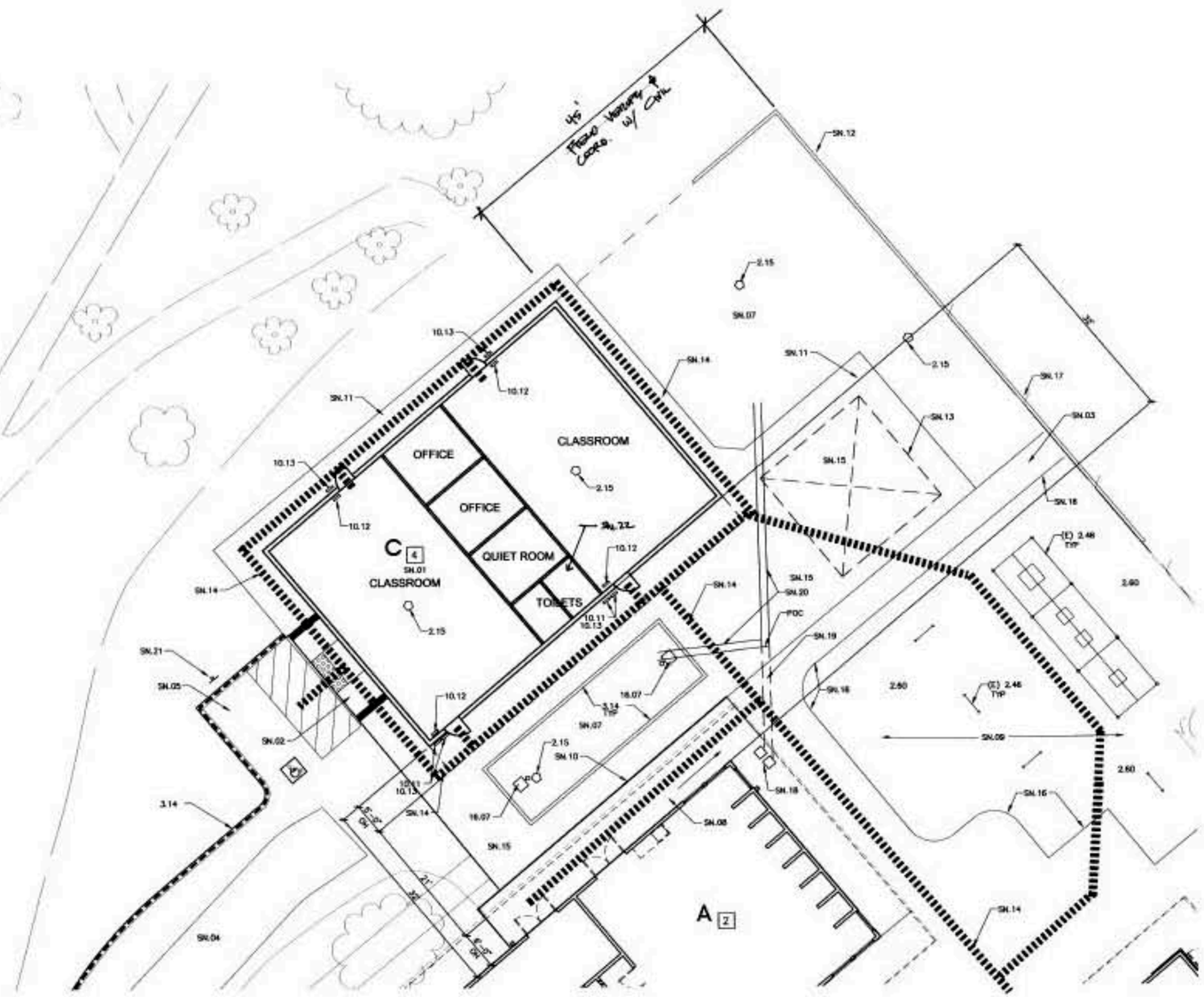
1 (E) DISTRICT FACILITIES AND MAINTENANCE SHOP
2 (E) SECRET RAVINE K-8 ED FACILITY
3 (E) SIERRA VISTA 9-12 ED FACILITY
4 NEW RELOCATABLE CR ADDITION 40' X 60'
5 NEW PARKING EXPANSION

SHEET NOTES

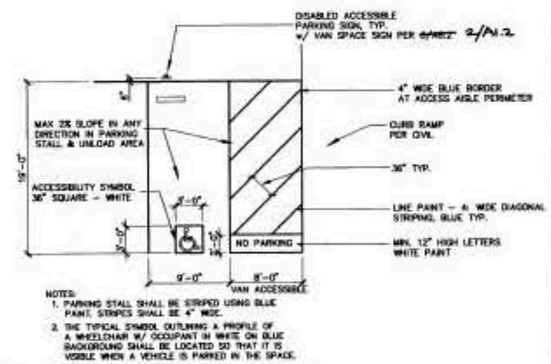
SN.01 40' X 60 RELOCATABLE CLASSROOM BUILDING
SN.02 ACCESSIBLE RAMP – SEE CIVIL
SN.03 (E) CONCRETE WALK
SN.04 (E) FIRE DEPARTMENT ACCESS LANE – 20' MINIMUM
SN.05 ACCESSIBLE PARKING AND SIGNAGE PER DETAILS 1 AND 2 SHEET A1.2
SN.06 CONCRETE CURB
SN.07 PLANTER AREA
SN.08 (E) SLOPED WALKWAY @ < 5% SLOPE AND < 2% CROSS SLOPE
SN.09 (E) APPARTUS AREA PER DSA #02-111490
SN.10 (E) GUARDRAIL
SN.11 CONCRETE PAVING – SEE CIVIL
SN.12 VARIABLE HEIGHT CURB – SEE CIVIL
SN.13 FUTURE SHADE STRUCTURE – NOT PART OF THIS APPLICATION
SN.14 ACCESSIBLE PATH OF TRAVEL
SN.15 CONCRETE PATIO AREA
SN.16 (E) EDGE OF RUBBER SAFETY SURFACING
SN.17 (E) PLANTER WALL
SN.18 (E) IRRIGATION VALVES AND BOXES
SN.19 (E) IRRIGATION SLEEVES
SN.20 CONTRACTOR TO CONNCT TO (E) SLEEVES AND EXTEND 2" PVC IRRIGATION SLEEVES TO (N) PLANTER AREAS FOR FUTURE LANDSCAPE AND IRRIGATION BY DISTRICT
SN.21 ACCESSIBLE PARKING STALL SIGN PER DETAIL A/A1.2
SN.22 FRENCH DRAIN 4' TO SIGN IN TRAVEL RUNNER – SEE A1 OF ARCH DRAWINGS.

KEYNOTES

2.15 AREA DRAIN – SEE CIVIL
2.46 (E) APPARATUS EQUIPMENT
2.60 (E) RUBBER SAFETY SURFACING
3.14 CONCRETE CURB – SEE CIVIL
10.11 SIGN: ACCESSIBLE ENTRANCE PER DETAIL 9 ON SHEET A0 (RELOCATABLE MANUFACTURER DRAWINGS)
10.12 SIGN: EXIT PER DETAIL 10 ON SHEET A0 (RELOCATABLE MANUFACTURER DRAWINGS)
10.13 SIGN: ROOM I.D. PER DETAIL 5 ON SHEET A0 (RELOCATABLE MANUFACTURER DRAWINGS)
16.07 POLE MOUNTED LIGHT FIXTURE – SEE ELECTRICAL

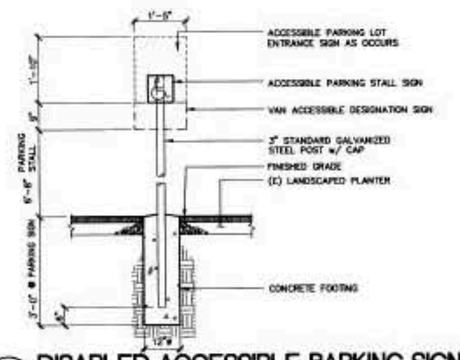


A ENLARGED SITE PLAN - RELOCATABLE ADDITION
1"=10'-0"



NOTES:
1. PARKING STALL SHALL BE STRIPED USING BLUE PAINT. STRIPES SHALL BE 4" WIDE.
2. THE TYPICAL SYMBOL OUTLINING A PROFILE OF A WHEELCHAIR W/ OCCUPANT IN WHITE ON BLUE BACKGROUND SHALL BE LOCATED SO THAT IT IS VISIBLE WHEN A VEHICLE IS PARKED IN THE SPACE.

1 ACCESSIBLE PARKING
1/8"=1'-0"



2 DISABLED ACCESSIBLE PARKING SIGN
1/2" = 1'-0"

ACCESSIBILITY NOTES:

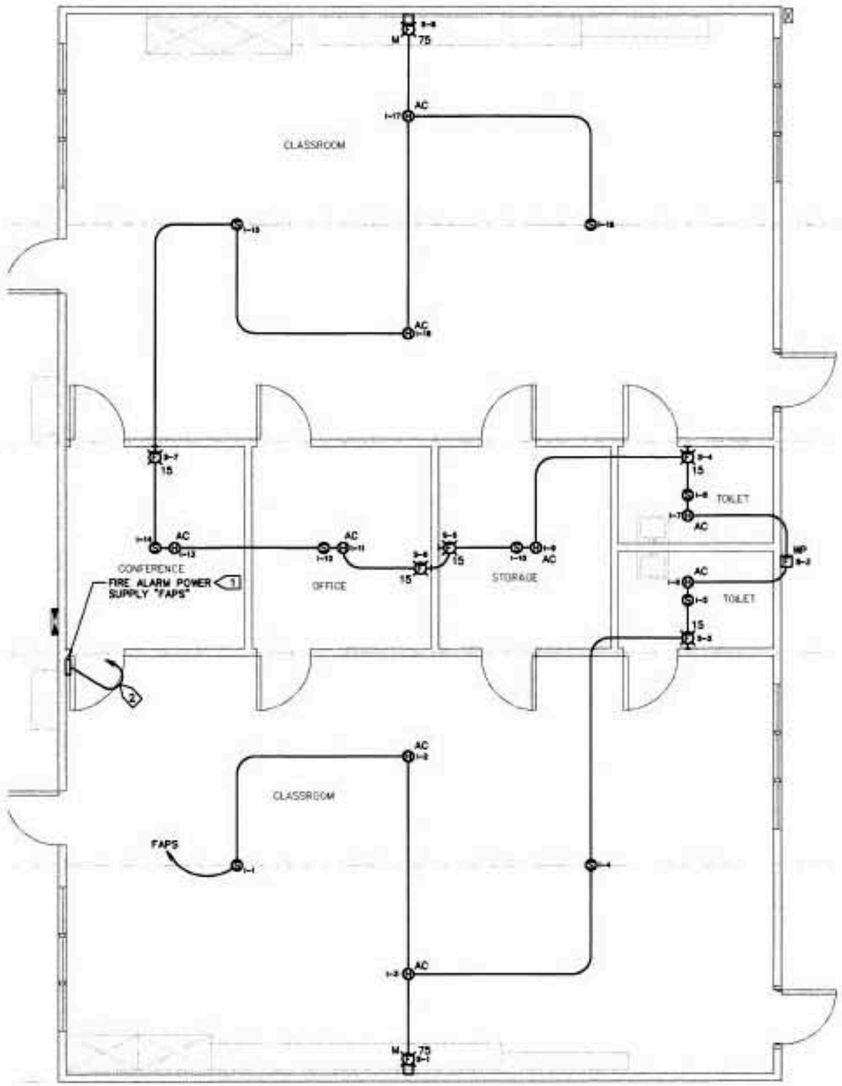
▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪ ACCESSIBLE PATH OF TRAVEL

PATH OF TRAVEL (P.O.T.) AS INDICATED IS A MIN 48" WIDE BARRIER FREE ACCESSIBLE ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING ½" AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED ¼" VERTICAL. CROSS SLOPE DOES NOT EXCEED 2% TYPICAL AND IN DIRECTION OF TRAVEL THE SLOPE DOES NOT EXCEED 5% U.O.N. SURFACE IS SLIP RESISTANT, STABLE, FIRM, SMOOTH, AND AT LEAST 48" WIDE. PASSING SPACES AT LEAST 60" X 60" ARE LOCATED NOT MORE THAN 200' APART. CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS NOT MORE THAN 400' APART. THE CONTRACTOR SHALL VERIFY THAT THE BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN OR WILL BE REMOVED UNDER THIS PROJECT. P.O.T. SHALL BE FREE OF OVERHANGING OBSTRUCTIONS TO MIN. 80" ABOVE FINISH SURFACE, PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL & ABOVE 27" & LESS THAN 80".

RELOCATABLE ADDITION AT SECRET RAVINE SCHOOL
PLACER COUNTY OFFICE OF EDUCATION
NEWCASTLE, CA

ENLARGED SITE PLAN

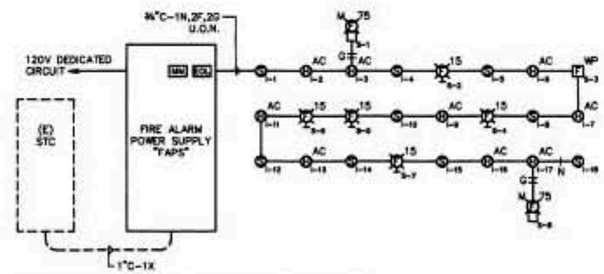
REVISIONS	BY	DRAWN F. Aichele	PROJECT NO. 08-170A
		CHECKED C. Aichele	DATE 01/21/11
		SCALE NTS	SHEET A1.2
		CADFILE 10-188CS.DWG	
		UPDATED	OF SHEETS



NOTE: REFER TO FIRE ALARM RISER DIAGRAM FOR FA CONDUIT AND WIRING

FLOOR PLAN - FIRE ALARM

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



FIRE ALARM RISER DIAGRAM

ARCH

DSA/OPS

FILE NO. 01 - 48

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION # 08-111748
AC FLS SS
DATE 1-24-11

CA ASSOCIATES
ARCHITECTURE
"BUILT AROUND A WORLD OF POSSIBILITIES"
DARIN G. AICHELE
PRINCIPAL ARCHITECT
9842 CRIPPLE CREEK LN.
NEWCASTLE, CA 95658
CA.ASSOCIATES@SBCGLOBAL.NET
916.663.9401

NUMBERED NOTES:

1. LOCATE WITH TOP 3" BELOW CEILING.
2. PROVIDE ¼"C-2#12, 1#12G, BACK TO BUILDING PANEL. PROVIDE 20/1 CIRCUIT BREAKER IN (E) SPACE. ADD TEXT "FIRE ALARM POWER SUPPLY" TO PANEL DIRECTORY.

CHARLES A. MARTIN & ASSOC.
CONSULTING ENGINEERS
SACRAMENTO CALIFORNIA
JOB # 4215 EXP. 6/30/11

RELOCATABLE ADDITION AT
SECRET RAVINE SCHOOL
PLACER COUNTY OFFICE OF EDUCATION
NEWCASTLE, CA

FLOOR PLAN - FIRE ALARM

REVISIONS	BY	DRAWN LC	PROJECT NO. 08-170A
		CHECKED PJ	DATE 01/21/11
		SCALE NTS	SHEET E2.2
		CADFILE FILE: K:\4215\4215E2-2-P.dwg	
		UPDATED	OF SHEETS

From: DSA-ETRACKER@dgs.ca.gov
To: [redacted]arch.com
Cc: Powell, Timothy
Subject: DSA ETRACKER: AppId 02-111[redacted] Incomplete Notice
Date: Friday, November 05, 2010 3:53:15 PM

State of California*Arnold Schwarzenegger, Governor
State and Consumer Services Agency

DEPARTMENT OF GENERAL SERVICES

Division of the State Architect

Sacramento Office
INCOMPLETE NOTICE

Date: 11/5/2010

F[redacted]
M[redacted]C.
7[redacted]t, Suite 615
S[redacted]112

Application Filing Date: 10/26/2010

Project: [redacted] School ([redacted] School District)
Scope: New Relocatable Classroom Building
Application#: 02-111[redacted]
File Id#: 44-[redacted]

Dear [redacted],

The Intake Review of this Project Submittal has been completed, however, the Project Submittal has been determined to be incomplete. The following items are required to be submitted for a complete submittal:

1. DSA-103 Testing & Inspection Form (see below)
2. Title 24 Energy Compliance Documents
3. Fire Alarm Components Catalog Information.
4. Provide Form DSA-403 2008 Energy Code Compliance Checklist.
5. Provide Three (3) Revised Copies of Drawing A1.1 - Text not legible in area around Project Building.
6. Provide Building Area Calculation (include adjacent Buildings as applies).
7. Provide Grading Plan at New Building location.

Please Submit all Incomplete Items listed above if any as soon as possible.
If you need to change/insert Drawing Sheets, please email or call to make an appointment to come into the Office.)

This project will not be placed in line for Plan Review until the above items are received.
If the missing Items listed above are not received within Four Weeks from the Date of this Notice. All submitted Documents will be returned without Review and the application may be cancelled. If you have any questions, please call me at **(916) 323-9625.**

Sincerely,

Timothy Powell

Project Intake Specialist

From:	DSA-ETRACKER@dgs.ca.gov
To:	superintendent@sac-city.k12.ca.us
Cc:	Powell, Timothy
Subject:	DSA ETRACKER: AppId 02-111663 AB3640 Notice of Progress
Date:	Thursday, December 02, 2010 4:23:49 PM

State of California*Arnold Schwarzenegger, Governor
State and Consumer Services Agency

DEPARTMENT OF GENERAL SERVICES

Division of the State Architect

NOTICE OF PROGRESS

Date: 12/2/2010

MR. Nick Koehler
Sacramento City Unified School District
425 1st Avenue
Sacramento, CA 95818

Project: The MET High School (Sacramento City Unified School District)
Scope: Alterations to 1-Administration Building / Classroom Building / Library Building / Multi-purpose Building
Application#: 111663
File Id#: 34-H7

Dear MR. Nick Koehler,

Your project has been received on **11/29/2010**. Application Number **02-111663** was assigned. Your project has been determined to be a complete submittal for the purposes of the plan review. Plan review has been scheduled to commence on **12/27/2010.**

The following information will be available on DSA's website so you may track the status of your project.

- Name of plan reviewers.
- Date plan review begins.
- Date plans returned for correction.
- Date back check begins.
- Date back check is completed.

No additional information will be sent regarding this project.
For more infomation in the future please check DSA web site at
http://www.dsa.dgs.ca.gov

Sacramento Regional Office * 1102 Q Street, Suite 5200 * Sacramento, CA 95814 * (916) 445-8730

State of California • Arnold Schwarzenegger, Governor
State and Consumer Services Agency

DEPARTMENT OF GENERAL SERVICES

Division of the State Architect – Sacramento Office

6/2/2009 - APPROVAL OF PLAN(S)

MR. Mike Arnt
BURTON SCHOOL DISTRICT
264 NORTH WESTWOOD STREET
PORTERVILLE 93257

Project:	**REDWOOD MIDDLE SCHOOL (BURTON SCHOOL DISTRICT)**
Total Scope of Project:	**Construction of 1-Classroom Building, 1-Multi-purpose Building, 4-Classroom Buildings (Relocatable)**
Increment #:	**0**
Application #:	**02-110520**
File #:	**54-10**

Drawings and specifications for the subject project have been examined and stamped by the Division of the State Architect (DSA) for identification on **6/2/2009** . This letter constitutes the "written approval of the plans as to safety of design and construction" required before letting any contract for construction, and applies only to the work shown on these drawings and specifications. The date of this letter is the DSA approval date.

Approval is limited to the particular location shown on the drawings and is conditioned on construction starting within one year from the stamped date. The inspector must be approved and the contract information, including the construction start date, must be given to DSA prior to start of construction.

DSA does not review drawings and specifications for compliance with Parts 3 (California Electrical Code), 4 (California Mechanical Code), and 5 (California Plumbing Code) of Title 24. It is the responsibility of the professional consultants named on the application to verify this compliance.

Please refer only to the boxes checked below which indicate applicable conditions specific to this project:

- ☒ Buildings constructed in accordance with approved drawings and specifications will meet minimum required standard given in Title 24, California Code of Regulations, for structural, and fire and life safety.
- ☐ Due to the nature of the building(s), certain precautions considered necessary to assure long service have not been required. In the condition as built, the building(s) will meet minimum required standards for structural, and fire and life safety. The owner must observe and correct deterioration in the building in order to maintain it in a safe condition.
- ☐ Your attention is drawn to the fact that this application was submitted under the provisions of Sections 39140/81130 of the Education Code which permit repairs or replacement of a fire damaged building to be made in accordance with the drawings and specifications previously approved by this office. The drawings and specifications approved for the reconstruction of this building conform to the drawings and specifications approved under application # _____.
- ☐ These drawings and specifications meet the rules, regulations, and building standards in effect at the time of the original approval and do not necessarily comply with rules, regulations, or building standards currently in effect.
- ☐ Due to the nature of the poles, certain precautions considered necessary to assure long service have not been insisted upon. In their condition as built, they will meet minimum required safety standards; however, your attention is directed to the comparatively short life of wood poles. It will be the responsibility of the owner to maintain them in a safe condition.

Application #: 02-110520
File #: 54-10

☐ Bleachers or grandstands constructed in accordance with approved drawings and specifications will meet minimum required standards for structural, and fire and life safety. The owner should provide for and require periodic safety inspections throughout the period of use to ensure framing and other parts have not been damaged or removed. On bleachers or grandstands having bolts, locking or safety devices, the owner shall require that all such components be properly tightened or locked prior to each use.

☐ This approval is for the part shown only since the drawings and specifications for the proposed work include only the portion of the building to be partially constructed on the subject site. It is understood that a separate application will be subsequently filed, together with drawings and specifications showing a plot plan and details of work necessary for completion. A contract for completion shall not be let before the written approval of such drawings has been obtained from the Department of General Services.

☐ The building(s) was designed to support a snow load of _____ pounds per square foot of roof area. Snow removal must be considered if the amount of snow exceeds that for which the building(s) was designed.

☒ This constitutes the written approval certifying that the drawings and specifications are in compliance with State regulations for the accommodation of the disabled which are required before letting any contract for construction. (See Section 4454, Government Code.)

☐ Your application for the construction of a relocatable building submitted under the provisions of Section 17293 of the Education Code is hereby approved. This approval certifies that the drawings and specifications are in compliance with state regulations for accommodation of the disabled, structural safety, and fire and life safety. This approval applies only to the drawings and specifications for the foundation system, anchorage of the overhead nonstructural elements, and site work related to this project. Documentation has been received indicating that the building was constructed after December 19,1979, and bears a commercial coach insignia of approval from the Department of Housing and Community Development (HCD). Confirmation that the construction of the HCD building conforms to the appropriate state regulations is done by others. (See Section 17307, Education Code and Section 4454, Government Code.)

☒ Deferred Approval(s) Items:
Fire Sprinkler System, Bleachers, Basketball Backstops.

This Project has been classified as **CLASS 1 & RBIP**. An Inspector who is certified by DSA to inspect this class of project must be approved by DSA prior to start of construction.

Please refer to the above application number in all correspondence, reports, etc., in connection with this project.

Sincerely,

Digitally signed by DAN LEVERNIER
DN: st=CA, l=SACRAMENTO, o=California Department of General Services, ou=Division of the State Architect, ou=www.verisign.com/repository/CPS Incorp. by Ref.,LIAB.LTD(c)99, title=REGIONAL MANAGER, cn=DAN LEVERNIER, email=dan.levernier@dgs.ca.gov
Date: 2009.06.12 09:17:08 -07'00'

for David F. Thorman, AIA
State Architect

cc:
Architect