GENERAL SPECIFICATIONS

1. MATERIALS AND WORKMANSHIP:

ALL WORK FORCES SHALL BE SKILLED AND QUALIFIED FOR THE WORK THEY PERFORM. ALL MATERIALS USED, UNLESS NOTED OTHERWISE, SHALL BE NEW AND OF THE TYPES AND GRADES SPECIFIED.

WORKMANSHIP SHALL BE EQUAL TO OR BETTER IN QUALITY THEN THAT REQUIRED BY THE VARIOUS CONSTRUCTION TRADES FOR A FINISHED PRODUCT.

ALL CONTRACTORS SHALL CERTIFY TO THE SCHOOL DISTRICT IN WRITING THAT NO ASBESTOS CONTAINING MATERIALS, WHICH EXCEED THE STATE AND FEDERAL MANDATED SAFE ASBESTOS LEVELS, HAVE BEEN USED IN THE CONSTRUCTION OF THE BUILDING, OR ANY OF ITS PARTS.

2. GENERAL DESIGN REQUIREMENTS:

EACH MODULE SHALL BE PERMANENTLY IDENTIFIED WITH A METAL IDENTIFICATION TAG 3" x 1-1/2" MINIMUM SIZE, WITH THE FOLLOWING INFORMATION:

A. DSA APPLICATION NUMBER
B. DESIGN WIND LOAD
C. DESIGN ROOF LIVE LOAD
D. DESIGN FLOOR LIVE LOAD
E. MANUFACTURER'S NAME

AND LOCATED ON THE EXTERIOR AND INTERIOR, AT LOCATIONS INDICATED.

EACH MODULE SHALL BE CAPABLE OF RESISTING ALL VERTICAL AND LATERAL LOADS DURING TRANSPORTATION AND / OR RELOCATION. (NORMAL INDUSTRY PRACTICE FOR BRACING MODULES DURING TRANSPORTATION AND RELOCATION IS REQUIRED). WHEN MODULES ARE ASSEMBLED, JOINTS SHALL BE SEALED WITH REMOVABLE CLOSING STRIPS, OR OTHER APPROVED METHODS, TO PREVENT WATER AND AIR INFILTRATION, SEALING FOR WATERPROOF CONDITIONS, AND TO PROVIDE A COMPLETE AND FINISHED APPEARANCE.

EACH MODULE SHALL BE SUFFICIENTLY RIGID TO BE JACKED UP AT THE FRONT AND BACK CORNERS FOR RELOCATION WITHOUT DAMAGE TO THE UNIT. EVIDENCE OF EXCESSIVE BOWING, EXCESSIVE TORQUE, OR RELATED INSTALLATION ABLES, IN THE OPINION OF THE INSPECTOR, ARCHITECT, ENGINEER, AND / OR DSA FIELD ENGINEER, AND WHICH MAY CAUSE EXCESSIVE WORKING AT ANY JOINT OR COMPROMISES THE STRUCTURAL INTEGRITY OF THE MODULE, SHALL BE SUFFICIENT REASON FOR REJECTION OF THE MODULE.

FULL LENGTH GUTTERS SHALL BE FURNISHED AT THE DOWNSIDE OF MODULE, WHERE DRAINAGE OCCURS. FULL LENGTH DOWNSPOUTS SHALL BE PROVIDED.

3. DIMENSIONS:

THE BUILDINGS SHALL CONSIST OF 960 SQUARE FEET WITH A TOLERANCE OF MINUS 5 SQUARE FEET. ALL BUILDINGS SHALL MEET THE SQUARE FOOTAGE REQUIREMENT.

LINEAR DIMENSIONS SHALL BE AS INDICATED, FACE OF STUD (FOS) TO FACE OF STUD, OR FACE OF CONCRETE (FOC) TO FACE OF CONCRETE.

THE INTERIOR HEIGHT, FLOOR TO CEILING, SHALL BE AS NOTED IN THE DRAWINGS. THE MODULE SHALL BE CLEAR SPAN TYPE, UNLESS NOTED OTHERWISE.

THE ENTRANCE WALL SHALL HAVE A 5' ROOF OVERHANG. THE REAR WALL SHALL HAVE A 2' OVERHANG. FULL-LENGTH GUTTERS AND DOWNSPOUTS SHALL BE FURNISHED AT LOCATIONS INDICATED. 3

4. FRAMING:

FRAMING AND STRUCTURAL MEMBERS SHALL BE OF THE TYPE, GRADE, AND SIZE, INDICA IN THE STRUCTURAL DRAWINGS.

5. MOISTURE BARRIER:

ALL SURFACES EXPOSED TO WEATHER SHALL HAVE A WEATHER RESISTANT BARRIER TO PROTECT THE INTERIOR WALL AND CEILING COVERINGS. SUCH BARRIER SHALL BE EQUAL TO THAT PROVIDED IN UBC STANDARD NO. 14-1 FOR KRAFT WATERPROOF FELT, GRADE D. 3 BARRIER SHALL BE FREE FROM HOLES AND BREAKS OTHER THAN THOSE CREATED BY FASTENERS AND CONSTRUCTION SYSTEM DUE TO ATTACHING OF THE BUILDING PAPER.

6. Z BAR:

ALL HORIZONTAL JOINTS IN SIDING SHALL BE PROTECTED BY GALVANIZED "Z BAR" FLASHING, 3/4" x 5/8" x 3/4" x 26 GAUGE, INCLUDING THE FOLLOWING:

JUNCTION OF SIDING AND SKIRTING.
JUNCTION OF SIDING TO SIDING.

7. ROOF OVERHANG:

ALL OVERHANGS SHALL PRESENT A FINISHED APPEARANCE. ENCLOSED SOFFITS SHALL BE ENCLOSED WITH NO VISIBLE FRAMING MEMBERS. SOFFIT MATERIAL SHALL BE AS INDICATED SOFFITS SHALL BE NEATLY AND CLOSELY FITTED AND TRIMMED TO COVER ALL GAPS. ALL ENCLOSED SOFFIT AREAS SHALL BE VENTED IN ACCORDANCE THE (CBC) CALIFORNIA BUILDING CODE.

8. ELECTRICAL MATERIALS:

ALL ELECTRICAL WIRING 110V AND GREATER SHALL BE IN CONDUIT SYSTEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE (CEC) CALIFORNIA ELECTRICAL CODE.

ACCEPTABLE CONDUIT (UNLESS NOTED OTHERWISE):
RIGID ELECTRICAL METALLIC TUBING (EMT), GALVANIZED THIN WALL
FLEXIBLE (INTERIOR), GALVANIZED STEEL
FLEXIBLE (EXTERIOR), GALVANIZED STEEL WITH FACTORY APPLIED PVC

ALL CONDUIT SHALL BE CONTINUOUS FORM OUTLET TO OUTLET AND SHALL BE SECURED IN CONFORMANCE WITH THE CEC. FIELD BENDS SHALL BE AVOIDED WHEN POSSIBLE. WHERE BENDS MUST BE MADE, USE AN APPROPRIATE "HICKEY" OR BENDING MACHINE. REAM AND DEBUR ALL CONDUIT PRIOR TO INSTALLATION AND TERMINATE IN APPROPRIATE BUSHINGS OR CONNECTORS.

WIRING SHALL BE MINIMUM #14 COPPER TYPE TW, THW, THHN, OR THWN, AS APPLICABLE. CONDUIT FILL SHALL NOT EXCEED REQUIREMENTS FO THE CEC.

A SEPARATE GROUNDING CONDUCTOR SHALL BE PULLED THROUGH THE ENTIRE SYSTEM. CARE SHALL BE TAKEN TO AVOID DAMAGE TO WIRE OR INSULATION DURING PULLING. POWDERED SOAPSTONE OR A PULLING COMPOUND SUCH AS "YELLOW77" LUBRICANT MAY BE USED.

MINIMUM CONDUIT SIZE SHALL BE 1/2" (UNLESS NOTED OTHERWISE).
ALL EMPTY CONDUIT SHALL HAVE A PULL STRING INSTALLED.

VARIABLE SPECIFICATIONS

IN EACH ON THE FOLLOWING SECTIONS ONE OF THE ITEMS MUST BE MARKED AS BEING APPLICABLE TO THIS BUILDING. ALL ITEMS NOTED AS STRUCTURAL MUST MEET THE MINIMUM STRUCTURAL REQUIREMENTS SET FORTH IN THE STRUCTURAL DRAWINGS AND NOTES.

1. SIDING (STRUCTURAL):

ANY EXTERIOR SIDING UTILIZED MUST MEET THE MINIMUM STRUCTRUAL REQUIREMENTS FOR SIDING AS SPECIFIED IN THE GENERAL REQUIREMENTS.

[ ] 5/8" x 4' APA PANEL: 303 MDO
[ ] 5/8" x 4' APA PANEL: 303 1-1-11 ROUGH SAWN
[ ] 5/8" x 4' APA PANEL _____ DURATEMP WITH GROOVES 8" OC
[ ] 5/8" x 4' APA PANEL _____ SMOOTH MDO, NO GROOVES
[ ] 5/8" x 4' APA PANEL _____ SMOOTH – NO GROOVES
[ ] OTHER (SPECIFY) _____

2. TRIM (ALL TIRM IS NON STRUCTRUAL):

ROOF EDGE:

[ ] 7/16" EMBOSSED WAFERBOARD SIDING WITH MDO SURFACE
[ ] 2 x ROUGH SAWN DF, HF, OR SPRUCE

CORNER TRIM:

[ ] 1 x 6 DRY CEDAR OR SPRUCE, ROUGH SAWN
[ ] 2 x 6 ROUGH SAWN DF, HF, OR SPRUCE
[ ] OTHER (SPECIFY): _____

WINDOW AND DOOR TRIM:

[ ] 1 x 4 DRY CEDAR OR SPRUCE, ROUGH SAWN
[ ] 1 x 4 ROUGH SAWN DF, HF, OR SPRUCE
[ ] OTHER (SPECIFY): _____

MOD LINE CLOSURE:

[ ] 5/8" x 10" APA PANEL _____ DURATEMP – NO GROVES
[ ] OTHER (SPECIFY): _____

3. SKIRTING (NON STRUCTRUAL):

[ ] 5/8" x 4' APA PANEL 303 MDO
[ ] 5/8" x 4' APA PANEL 303 1-1-11 ROUGH SAWN
[x] 5/8" x 4' APA PANEL _____ DURATEMP – NO GROVES
[ ] 5/8" x 4' APA PANEL _____ SMOOTH MDO, NO GROVES
[ ] 5/8" x 4' APA PANEL _____ SMOOTH – NO GROVES
[ ] OTHER (SPECIFY) _____

4. VENTS:

VENT SPACE SHALL BE PROVIDED AT 1 SQUARE FOOT PER 150 LINEAL FEET OF BUILDING PERIMETER FOR A TOTAL OF 6.4 SQUARE FEET.

[ ] SCREEN VENT
[ ] 18 GAUGE EXPANDED METAL VENT

5. DOWNSPOUTS AND GUTTERS:

PROVIDE 1 PER MODULE.

[ ] 26 GAUGE GALVANIZED SHEET METAL, PAINTED
[ ] OTHER (SPECIFY) _____

6. ROOFING:

[ ] 26 GAUGE GALVANIZED STANDING SEAM, CLASS B
[ ] 22 GAUGE GALVANIZED STANDING SEAM, CLASS B 4

7. DOORS AND FRAMES:

EXTERIOR DOORS:

[ ] 1-3/4" 18 GAUGE STEEL FACE SHEETS WITH INTERIOR SOUND DEADENING MATERIAL
[ ] OTHER (SPECIFY): WITH VISION PANEL

INTERIOR DOORS (WHEN APPLICABLE):

[ ] 1-3/4" SOLID CORE, PREFINISHED HARDBOARD FACE, WOOD GRAIN
[ ] OTHER (SPECIFY): WITH VISION PANEL

FRAMES:

[ ] 16 GAUGE KNOCK DOWN, 3 ANCHORS PER FRAME
[ ] OTHER (SPECIFY): 16 GAUGE WELDED, 3 ANCHORS PER FRAME
[ ] OTHER (SPECIFY): _____

8. HARDWARE:

LOCKSETS:

[ ] CLASSROOM TYPE LEVER HANDLE (KEYED BY DISTRICT) SCHLAGE D70PD (RHODES) OR EQUAL 4

CLOSER:

[ ] (AD.1151 TO 8.5 POUNDS MAXIMUM OPENING PRESSURE EXTERIOR, 5.0 POUNDS INTERIOR) LCN 1460 OR EQUAL

HINGES:

[ ] 1-1/2 PAIR BUTTS, 4-1/2" x 4-1/2"

WEATHERSTRIPPING:

[ ] PEMKO 2997PDV OR EQUAL

DOOR BOTTOM:

[ ] PEMKO OR EQUAL

THRESHOLD:

[ ] PEMKO 271A OR 272A OR EQUAL

KICKPLATE:

[ ] 16 GAUGE STAINLESS STEEL, 2" LESS THAN DOOR WIDTH BY 10", BEVEL EDGES

DOOR BUMPER:

[ ] QUALITY #44 OR EQUAL, 307, US26D OR EQUAL

9. WINDOWS:

HORIZONTAL SLIDING, 50% VENTED, CLEAR ANODIZED ALUMINUM FRAME, SIZED PER FLOOR PLAN.

[ ] SINGLE GLAZED, 3/16" SOLAR GRAY, 45%, TEMPERED
[ ] SINGLE GLAZED, 1/4" GRAYLITE, 14%, TEMPERED
[ ] 4 DUAL GLAZED, 1/8" SOLAR GRAY, 45%, TEMPERED
[ ] DUAL GLAZED, 1/4" GRAYLITE, 14%, TEMPERED
[ ] HORIZONTAL BLINDS
[ ] OTHER (SPECIFY) _____

OPERABLE SASH SHALL HAVE ALUMINUM FRAMED SCREEN, FINISH TO MATCH WINDOW FRAME. WINDOWS SHALL BE MOUNTED TO THE BUILDING FRAME AND BEHIND THE EXTERIOR FINISH SURFACE. WINDOW SHALL MEET ANSI/AAMA GS101-88 HS-C50 SPECIFICATIONS. DUAL GLAZE WINDOWS SHALL HAVE 1/4" AIR SPACE, AND 1/8" CLEAR TEMPERED INTERIOR PANE.
* = AMOUNT OF LIGHT TRANSMITTANCE.

10. FLOOR COVERING AND BASE: (MEETING CLASS 1 FLAMMABILITY)

FLOOR COVERING:

[ ] 24 OZ. CARPET
[ ] 26 OZ. CARPET
[ ] VCT (12 x 12) 1/8"
[ ] SHEET VINLY .090 GAUGE
[ ] OTHER (SPECIFY) _____

BASE:

[ ] RUBBER 4" TOPSET, 1/8" THICK, BURKEOR EQUAL.
[ ] RUBBER 6" TOPSET, 1/8" THICK, BURKEOR EQUAL.
[ ] OTHER (SPECIFY) _____

CARPET SHALL BE DIRECT GLUE DOWN TYPE, OF SOLUTION DYED NYLON. SHEET VINYL AND VCT SHALL BE DIRECT GLUE DOEN TYPE. ADHESIVES SHALL BE WATER BASE TYPE.

11. INTERIOR WALLS (SMOKE DEVELOPMENT MAX. 450):

[ ] VINYL COVERED TACKBOARD, CLASS II FLAME SPREAD RATING, 8 OZ PER SQUARE YARD, APPLIED OVER 1/2" GYPSUM WALLBOARD. DOMTAR, CHATFIELD CLARK OR EQUAL. (FLAME SPREAD: 26-75) COLOR: SNOWDRIFT
[ ] 1/2" GYPSUM WALLBOARD, STANDARD TAPERED EDGE (FLAME SPREAD: 0-15)
[ ] FRP: GLASTEEL "LINER PANEL" OR EQUAL .090" THICKNESS, WHITE, CLASS III 2
[ ] "MARLITE" OR EQUAL, CLASS III 2

12. CEILING (SMOKE DEVELOPMENT MAX. 450):

PANELS:

[ ] 5/8" x 2' x 4' VINYL FACED MINERAL FIBERBOARD WHITE (FLAME SPREAD: CLASS I, 0-25)
[ ] 2' x 4' FIBERGLASS REINFORCED PLASTIC PANELS (FRP) (FLAME SPREAD: CLASS III, 200 OR LESS)
[ ] OTHER (SPECIFY) _____

GRID SYSTEM:

[ ] ARMSTRONG PRELUDE XL OR EQUAL, WHITE (SEE SHEET A4)
MAIN RUNNER (MIN HEAVY DUTY): 7301
INTERMITENT RUNNER: XL-7542, CROSS RUNNER: XL-7328
WALL ANGLE MOLD: 7800

GYPBOARD:

[ ] 1/2" GYPSUM BOARD, STANDARD, TAPERED EDGES (FLAME SPREAD: CLASS I, 0-25)

13. PAINT:

[ ] EXTERIOR FLAT ACRYLIC LATEX, SHERWIN WILLIAMS B36.
[ ] EXTERIOR FLAT ACRYLIC LATEX, SHERWIN WILLIAMS A100.
[ ] EXTERIOR FLAT ACRYLIC LATEX, KELLY MOORE 1240.
[ ] OTHER (SPECIFY) _____

14. MARKERBOARDS:

[ ] 8' X 4' TRI-BEST PLA896 OR EQUAL 4
[ ] PORCELAIN STEEL 26 GAUGE FACE SHEET LAMINATED TO 1/2" FIBERBOARD (DRY ERASE FELT MARKER BOARD) CHATFIELD-CLARKE OR EQUAL
8' x 4' WITH FULL LENGTH ERASER TRAY AND CORK MAP RAIL, 4 MAP HOLDERS, 1 FLAG HOLDER
[ ] CHALK BOARD, 12' x 4'
[ ] BULLETIN BOARD, 12' x 4'
[ ] MAGNETIC BACKING
[ ] OTHER (SPECIFY) _____

15. INSULATION:

[ ] R-11 FLOORS AND WALLS, R-19 CEILING.
[ ] OTHER: R-_____ FLOORS, R-_____ WALLS, R-_____ CEILING

16. FIRE EXTINGUISHER:

[ ] PRESSURE TYPE, 2A10BC, UL RATED WITH CHARGE DIAL AND QUICK RELEASE MOUNTING BRACKET
[ ] OTHER (SPECIFY) _____

17. SOFFIT DEPTH:

[ ] EXPOSED SOFFIT
[ ] NOMINAL DEPTH SOFFIT
[ ] OTHER (SPECIFY) _____

18. ROOF OVERHANG:

[ ] FRONT 5', REAR 2'
[ ] FRONT 5', REAR 5'
[ ] OTHER (SPECIFY) _____

19. CASEWORK:

[ ] NONE
[ ] OTHER (SPECIFY) _____

20. DUCTWORK:

[ ] FLEX DUCT
INSULATED FLEX DUCT WITH VAPOR BARRIER. ALL DUCTWORK WITHIN 5' OF HVAC UNIT AND ALL INTERFACE CONNECTIONS SHALL BE METAL. DUCTWORK SHALL BE DESIGNED FOR 2" STATIC PRESSURE. REFERENCE BRANDS:
OWENS CORNING FIBERGLASS DUCT BOARD 1" THICK
MANVILLE MICRO-AIRE TYPE 4/5.
ALL NON METALLIC DUCTWORK SHALL CONFORM TO NFPA 90-A AND 90-B AND SMACNA CLASS 1 RATING.
[ ] ALL GALVANIZED SHEET METAL
CONSTRUCT ALL DUCTWORK OF GALVANIZED SHEET METAL IN ACCORDANCE WITH CMC, ASHRAE, AND SMACNA.
ALL DUCTWORK SHALL BE INSULATED WITH 1" THICK FIBERGLASS DUCT WRAP AND VAPOR BARRIER. PROVIDE 1" SOUND ATTENUATION AT ALL DUCTWORK WITHIN 5' OF HVAC UNIT.
[ ] OTHER (SPECIFY) _____

21. ELECTRICAL: (SEE SHEET E1)

[ ] STANDARD PLAN
[ ] ADDITIONAL OUTLETS (SPECIFY) _____
[ ] ADDITIONAL LIGHT FIXTURES (SPECIFY) _____
[ ] ADDITIONAL EXTERIOR LIGHT FIXTURES (SPECIFY) _____
[ ] PLUG MOLD OUTLETS (SPECIFY) _____
[ ] ELECTRIC CLOCK
[ ] 200 AMP PANEL
[ ] OTHER (SPECIFY) _____

22. SIGNAL SYSTEMS:

[ ] BY OTHERS
[ ] OTHER (SPECIFY) _____

23. FIRE ALARM:

[ ] PROVIDE CONDUIT AND JUNCTION BOXES ONLY. WIRING, FIXTURES, AND HOOK-UPS BY OTHERS.
[ ] FIRE HORN
[ ] FIRE PULL STATION
[ ] STROBE LIGHTS 4

24. FRAMING FINISH OPTIONS:
LIGHT GAUGE FRAMING FINISH (SEE SHEET S0.1)

[ ] PAINT – RUST INHIBITIVE COATING
ICI DEVOE DEVFLEX 4020 OR EQUAL 4
[ ] HOT DIPPED GALVANIZED

25. COLORS:
BUILDING FIELD – BEIGE
DOORS, FRAMES, TRIM, GUTTER AND DOWNSPOUTS – BROWN 4

26. OTHER (SPECIFY):

GENERAL NOTES

ALL TRIM AND JOINTS SHALL BE SEALED WITH ARCHITECTURAL GRADE CAULKING OR SILICONE SEALANTS, TRANSPARENT TYPE OR PAINTED TO MATCH SIDING OR TRIM.

INSULATION MATERIALS INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES, OR ATTICS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450.

WHEN MATERIALS ARE INSTALLED WITHIN CONCEALED SPACES, THE FLAME SPREAD AND SMOKE DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACINGS ARE INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACES OF THE CEILING, FLOOR, OR WALL FINISHES. (SECTION 707.3 CBC)

ALL FINISHES SHALL COMPLY WITH CBC CHAPTERS 5, 6, 7, 8, AND 10

PREPARATION OF SUBFLOOR TO ACCEPT SPECIFIED FINISHES IS BY THE FLOORING SUBCONTRACTOR. ANY DEFORMITIES EXCOUNTERED, DUE TO STANDARD CONSTRUCTION PRACTICES, SHALL BE FILLED AND SANDED BY FLOORING SUBCONTRACTOR. THE JOINT AT MODULE LINE SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING SUBCONTRACTOR.

ABBREVIATIONS:

HM	HOLLOW METAL
AL OR ALUM	ALUMINUM
NR	NOT RATED
NO.	NUMBER
MIN.	MINIMUM
MAX.	MAXIMUM
AFF	ABOVE FINISH FLOOR
OVHG	OVERHANG
PR	PAIR

APPROVALS

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STATE OF CALIFORNIA

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24x40 RELOCATABLE BUILDING

SHEET CONTENTS:
GENERAL SPECIFICATIONS
VARIABLE SPECIFICATIONS
GENERAL NOTES

DATE:	APRL 28, 1997
REV. #1 4	MAY 19, 1997
REV. #2 4	JUNE 20, 1997
REV. #3 4	AUGUST 1, 1997
REV. #4 4	AUGUST 26, 1997
REV #7 4	12-17-97
DRAWING SCALE:	AS SHOWN
PROJECT NUMBER:	97-05
SHEET	A1