GENERAL SPECIFICATIONS

A. MATERIALS AND WORKMANSHIP:

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

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

THE CONTRACTOR SHALL CERTIFY THAT NO ASBESTOS-CONTAINING BUILDING MATERIALS WHICH EXCEED STATE AND FEDERAL MANDATED SAFE ASBESTOS LEVELS HAVE BEEN USED IN THE CONSTRUCTION OF RELOCATABLE FACILITIES.

B. 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. D.S.A. APPROVAL NUMBER
B. DESIGN WIND LOAD
C. DESIGN ROOF LIVE LOAD
D. DESIGN FLOOR LIVE LOAD
E. BUILDER'S NAME
F. PLANT INSPECTOR/ID MARK

EACH MODULE SHALL BE CAPABLE OF RESISTING ALL VERTICAL AND LATERAL LOADS DURING TRANSPORTATION AND RELOCATION. (NORMAL INDUSTRY PRACTICE FOR BRACING MODULES DURING TRANSPORTATION IS ACCEPTABLE). WHEN MODULES ARE ASSEMBLED, JOINTS SHALL BE SEALED WITH REMOVABLE CLOSING STRIPS OR OTHER METHOD TO PRESENT A FINISHED APPEARANCE AND BE PERMANENTLY WATERPROOF.

EACH 12'-0" WIDE MODULE SHALL BE SUFFICIENTLY RIGID TO BE JACKED UP AT THE FRONT AND BACK CORNERS FOR RELOCATION WITHOUT DAMAGE OR THE MODULE SHALL HAVE LIFT LUGS AT FRONT AND BACK LOCATED AS REQUIRED SO THAT THE MODULE MAY BE JACKED UP FOR RELOCATION IN ONE PIECE WITHOUT ADDITIONAL SUPPORTS OF ANY TYPE. EVIDENCE OF EXCESSIVE BOWING DURING THE INSTALLATION OF THE MODULES WHICH, IN THE OPINION OF THE AGENCY ARCHITECT OR STRUCTURAL ENGINEER, CAUSES EXCESSIVE WORKING AT ANY JOINT OR COMPROMISES THE STRUCTURAL INTEGRITY OF THE MODULE, SHALL BE SUFFICIENT REASON FOR REJECTION OF THE MODULE.

C. FRAMING: ROOF, WALLS AND FLOOR:

FRAMING MEMBERS SHALL BE OF THE GRADE AND SIZE CALLED FOR ON THE STRUCTURAL PLANS.

D. MOISTURE BARRIER:

ALL WEATHER-EXPOSED SURFACES SHALL HAVE A WEATHER-RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING. SUCH BARRIER SHALL BE EQUAL TO THAT PROVIDED FOR IN THE U.B.C. STANDARD NO. 14.1 FOR KRAFT WATERPROOF FELT. BARRIER SHALL BE FREE FROM HOLES AND BREAKS OTHER THAN THOSE CREATED BY FASTENERS AND CONSTRUCTION SYSTEM DUE TO ATTACHING OF THE BUILDING PAPER.

E. ZBAR:

ALL HORIZONTAL JOINTS IN SIDING SHALL BE PROTECTED BY GALVANIZED "Z BAR- 3/4 x 5/8 x 3/4" FLASHING.

FLASHING NEED NOT BE USED WHERE SKIRTING MEETS THE UNDERSIDE OF AN EXPOSED METAL FRAME AND THE SKIRTING IS RECESSED SUFFICIENTLY TO PROTECT THE TOP EDGE OF PLYWOOD.

F. ROOF OVERHANG:

ALL OVERHANGS SHALL PRESENT A PLEASING AND FINISHED APPEARANCE. SOFFIT MATERIAL, WHEN USED, SHALL BE 3/8" MIN. EXTERIOR SIDING. PLYWOOD SOFFIT MATERIAL SHALL BE APPLIED WITH EXPOSED GRAIN RUNNING PARALLEL TO THE LENGTH OF THE BUILDING. SOFFIT SHALL BE NEATLY AND CLOSELY FITTED AND TRIMMED TO COVER GAPS. ALL ENCLOSED SOFFIT AREAS SHALL BE VENTILATED PER THE C.B.C.

G. ENTRY LANDING AND RAMP:
EACH MODULE SHALL HAVE A LANDING(s) AND RAMP(s) TO CONFORM TO TITLE 24, C.C.R. SECTION 1007. THE LANDING(s) AND RAMP(s) STRUCTURE INCLUDING HANDRAIL AND WHEEL GUIDES. PREFABRICATED METAL LANDINGS AND RAMPS SHALL BE BUILT IN SECTIONS THAT ARE DEMOUNTABLE FOR MOVING AND REINSTALLATION AT A NEW SITE. THERE SHALL BE SUFFICIENT CROSS BRACING UNDER THE RAMP SURFACE TO PREVENT BOUNCE OR OIL CANNING OR THE RAMP SURFACE. DESIGN SHALL BE SUCH THAT HEIGHT ADJUSTMENT CAN BE MADE AT THE INSTALLATION SITE.

RAMP SHALL HAVE SKID RESISTANT METAL OR WOOD SURFACE.

H. ELECTRICAL MATERIALS:
ALL ELECTRICAL WIRING 110V AND GREATER SHALL BE IN CONDUIT SYSTEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF C.E.C. MINIMUM SIZE CONDUIT IS 1/2" MIN.

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

ALL CONDUITS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET AND SHALL BE SECURED IN CONFORMANCE WITH C.E.C. FIELD BENDS SHALL BE AVOIDED WHEREVER 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, JACKET. WIRING SHALL BE #14 MIN. COPPER TYPE TW, THW, THWN AS APPLICABLE. CONDUIT FILL SHALL NOT EXCEED REQUIREMENTS OF C.E.C. A SEPARATE GROUNDING CONDUCTOR SHALL BE PULLED THROUGHOUT THE ENTIRE SYSTEM. CARE SHALL BE TAKEN TO AVOID DAMAGE TO WIRE OR INSULATION DURING PULLING. POWDERED SOAPSTONE OR A PULLING COMPOUND SUCH AS "YELLOW 77" LUBRICANT MAY BE USED IF NECESSARY.

GENERAL NOTES:

A. ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF CALIFORNIA BUILDING CODE; TITLE 24, PART 2,3,4,5,9 AND TITLE 24, PART 1, GROUP 1. A COPY OF THESE REGULATIONS SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.

B. PLANS AND SPECIFICATIONS: CHANGES IN PLANS AND SPECIFICATIONS SHALL BE MADE BY THE ADDENDUM OR CHANGE ORDER, SIGNED BY THE ARCHITECT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. CHANGE ORDERS SHALL ALSO BE SIGNED BY THE OWNER PRIOR TO APPROVAL BY DSA.

C. TESTING: TESTS OF MATERIALS SHALL BE BY A PERSON OR TESTING LABORATORY SELECTED BY THE OWNER WITH THE APPROVAL OF DSA AND ARCHITECT. THE OWNER SHALL BE RESPONSIBLE FOR THE COST OF TESTING, EXCEPT FOR THE RETESTING REQUIRED BY THE FAILURE OF ANY MATERIAL TO PASS.

D. ERECTION AT THE SITE: THE BUILDING SHALL BE TRANSPORTED, ERECTED AND SET ON FOUNDATION AS REQUIRED BY A LICENSED TRANSPORTER. ALL REQUIRED FINISH WORK SHALL BE COMPLETED BY SKILLED LABOR OF THE MANUFACTURER/CONTRACTOR, BUT WILL NOT INCLUDE UTILITIES SERVICE CONNECTION.

E. SITE WORK: THE OWNER, UNLESS OTHERWISE SHOWN ON THE APPROVED PLANS, WILL PROVIDE SITE(s) SATISFACTORY TO THE ARCHITECT OR ENGINEER FOR THE INSTALLATION OF THE RELOCATABLE BUILDING(s) THAT ARE LEVEL AND HAVE STABLE SOIL CONDITIONS WITH ADEQUATE SITE DRAINAGE, EXCEPT IF DESIGNATED IN THE CONTRACT DOCUMENTS AS THE RESPONSIBILITY OF THE MANUFACTURER/CONTRACTOR. IF ADDITIONAL GRADING AND/OR LEVELING IS NECESSARY FOR PROPER INSTALLATION OF MODULAR UNITS, THE ADDITIONAL CHARGE WILL BE THE RESPONSIBILITY OF THE OWNER.

F. UTILITIES: THE OWNER WILL BE RESPONSIBLE FOR ANY AND ALL UTILITY, FIRE ALARM OR SPECIAL ELECTRICAL SIGNAL SYSTEM CONNECTIONS EXCEPT IF DESIGNATED IN THE CONTRACT DOCUMENTS AS THE RESPONSIBILITY OF THE MANUFACTURER/CONTRACTOR.

G. FIRE EXTINGUISHER: UL2A-10BC, PRESSURE TYPE, MAX. 48" TO EXTINGUISHER HANDLE - SEE SPECIFICATION SHEET.

H. BUILDING INSULATION:
SHALL COMPLY WITH CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL. FLAME SPREAD -MAX. 25, SMOKE DEVELOP -MAX. 450 CBC SEC. 1510. SEE SPECIFICATION SHEET.

I. T-GRID CEILING:
SUSPENDED T-BAR SYSTEM WITH LAY-IN PANELS
FLAME SPREAD - MAX. 0-25, SMOKE DEVELOP - MAX. 450
SEE SPECIFICATION SHEET.

J. FIRE ALARM SYSTEM: - SEE SPECIFICATION SHEET
1. "THE FIRE ALARM SYSTEM SHALL CONFORM TO CALIFORNIA BUILDING CODE SECTION 305.9, AND CALIFORNIA ELECTRIC CODE ARTICLE 760, CALIFORNIA FIRE CODE, ARTICLE 10." 1993 EDITION NFPA 72, NATIONAL FIRE ALARM CODE.
2. INSTALLATION OF THE FIRE PROTECTIVE SIGNALING SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING STATE FIRE MARSHAL LISTING NUMBER FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY DSA.
3. UPON COMPLETION OF THE INSTALLATION OF THE PROTECTIVE SIGNALING EQUIPMENT, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING FIRE AGENCY.
4. ALARMS- SECTION 3504.1, CALIFORNIA BUILDING CODE.
IF EMERGENCY WARNING SYSTEMS ARE REQUIRED, THEY SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.
(A) LOCATE PER CBC 3504.1, SECTION 2-4.9.1

K. GROUNDING OF BUILDING COMPONENTS
1. THE OWNER, UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMANTS, SHALL RESPONSIBLE FOR PROVIDING THE NECESSARY GROUNDING OF THE BUILDING ELECTRICAL SYSTEM PER CEC 250-81, 250-83 AND 250-84.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY GROUNDING OF THE METAL PORTION BUILDING COMPONENTS (METAL FRAMED STEEL RAMP, ETC.) TO MEET THE REQUIREMENTS OF IR NO 8-1, ISSUED BY D.S.A.
3. THE PROJECT INSPECTOR SHALL WITNESS AND VERIFY THE GROUNDING TESTS.

L. MECHANICAL
1. FACTORY-MADE AIR DUCTS. FACTORY-MADE AIR DUCTS SHALL BE APPROVED FOR THE USE INTENDED OR SHALL CONFORM TO THE REQUIREMENTS OF C.M.C. STANDARD NO. 10-1. EACH PORTION OF A FACTORY-MADE AIR DUCT SYSTEM SHALL BE IDENTIFIED BY THE MANUFACTURER WITH A LABEL OR OTHER SUITABLE IDNETIFICATION INDICATING COMPLIANCE WITH C.M.C STANDARD NO. 10-1 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE TERMS OF THEIR LISTING.
2. INSULATION APPLIED TO THE EXTERIOR SURFACE OF DUCTS LOCATED IN BUILDINGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE DENSITY OF NOT MORE THAN 50 WHEN TESTED AS A COMPOSITE INSTALLATION INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED.
3. MATERIAL EXPOSED WITHIN DUCTS OR PLENUMS SHALL HAVE A FLAME-SPREAD RATING OF NOT MORE THAN 25 AND A SMOKE-DEVELOPMENT RATING OF NOT MORE THAN 50.
4. AIR FILTERS. AIR FILTERS SHALL BE LISTED UNITS PER U.F.C. STANDARD NO. 9-6. AIR FILTERS SHALL COMPLY WITH ALL REQUIREMENTS OF STATE STANDARD NO. 12-71-1. SHALL COMPLY WITH CMC 403 CLASS II.
5. PIPE AND TUBING. INSULATION AND COVERING ON PIPE AND TUBING SHALL HAVE A FLAME SPREAD-RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH CBC SECTION 707.2

VARIABLE SPECIFICATIONS

1. FOUNDATION
■ 50PSF PT WOOD PADS
[] 125PSF PT WOOD PADS
[] CONCRETE _____ PSF

2. FOUNDATION VENTS
PROVIDE ONE SQUARE FOOT OF NET FREE FLOW AREA PER 150 SQUARE FEET OF FOUNDATION PERIMETER.
■ SCREEN VENTS
[] EXPANDED METAL
[] OTHER _____

3. RAMP, LANDING AND STAIRS
■ PORTABLE STEEL MODULES
[] CONCRETE, PROVIDE STEEL HANDRAILS
[] OTHER _____

4. ROOF OVERHANGS
■ 5'-0" AT FRONT, 2'-0" AT REAR
[] 5'-0" AT BOTH FRONT AND REAR
[] OTHER _____

5. DROP SOFFIT
[] MATCH RAFTER SIZE
■ OPEN SOFFIT
[] CLOSED SOFFIT
[] OTHER _____

6. EXTERIOR PLYWOOD SIDING (STRUCTURAL)
EXTERIOR SIDING MUST MEET MINIMUM STRUCTURAL REQUIREMENTS SPECIFIED IN GENERAL SPECIFICATIONS PARAGRAPH 2.
■ 5/8" 4x8 DURATEMP APA RATED SIDING GROOVED AT 8" O.C., OR EQUIV.
[] 5/8" 4x8 MDO APA 303-OL GROOVED AT 8" O.C.
[] 5/8" 4x8 T1-11 APA 303 GROOVED AT 8" O.C.
[] OTHER _____

7. PLYWOOD SKIRTING (NON-STRUCTURAL)
■ 5/8" NON-GROOVED DURATEMP APA RATED SIDING, OR EQUIV.
[] 5/8" MDO APA 303-OL GROOVED AT 8" O.C.
[] OTHER _____

8. FASCIA AND CLOSE-UP TRIM (NON-STRUCTURAL)
■ 1/2" THICK TEXTURED HARDBOARD
[] OTHER _____

9. DOOR, WINDOW AND CORNER TRIM (NON-STRUCTURAL)
[] 1x4 RESAWN DRY SPRUCE
■ OTHER 1/2" THICK TEXTURED HARDBOARD

10. GUTTERS AND DOWN SPOUTS
PROVIDE ONE SET PER BUILDING MODULE
■ 26 GA GALVANIZED STEEL
[] HEAVY DUTY DOWN-SPOUTS 26 GA.
[] OTHER _____

11. PAINT
EXPOSED STEEL PAINTED WITH PRIMER FOR WEATHER PROTECTION THEN WITH ALKID FINISH OVER SHOP PROMER USING ENAMEL DUNN EDWARDS OR EQUAL. EXPOSED WOOD PAINTED WITH 1-FLAT LATEX PRIMER, 1-FLAT LATEX FINISH COAT.

12. ROOFING
[] 22 GA GALVANIZED STEEL STANDING SEAM, FIRE RATED PER UBC STANDARD 32-7 CLASS-B.
■ 26 GA GALVANIZED STEEL STANDING SEAM, FIRE RATED PER UBC STANDARD 32-7 CLASS-B.
[] 30 GA GALVANIZED STEEL STANDING SEAM, FIRE RATED PER UBC STANDARD 32-7 CLASS-B.
■ BASE SHEET FINISHED GRADE 25-30# ASPHALT COATED
■ EDGE FLASHING 26 GA. GALVANIZED
[] OTHER _____

13. INSULATION
SEE GENERAL NOTES FOR STANDARDS AND FIRE RATING.
■ R11 AT FLOOR AND WALLS; R19 AT ROOF
[] OTHER _____
[] SOUND INSULATION (SEE FLOOR PLAN FOR LOCATION)

14. EXTERIOR DOORS
■ STEEL 3068, STEEL CRAFTED OR EQUIV.: HOLLOW METAL
[] STEEL 3070 1-3/4" THK, 18GA FACE SHEETS, SOUND DEADENED,
[] STEEL 3070 1-3/4" THK, 18GA FACE SHEETS, SOUND DEADENED,
[] OTHER _____

15. INTERIOR DOORS
■ SC WOOD 3068 STANDARD CAL. WOOD OR EQUIV.
[] SC WOOD 3070 1-3/4" THK, EMBOSSED HARDBOARD FACE SHEETS, PREFINISHED
[] OTHER _____

16. FRAMES
STEEL KNOCKDOWN 3068 STANDARD OR 3070 (OPTIONAL), 16GA, 3 ANCHORS PER JAMB
[] PREFINISHED DARK BRONZE
■ PAINTED SELECTED COLOR
[] OTHER _____

17. LOCKSETS AND LATCHSETS
FINISH 626 BRUSHED CHROME
■ D70PD CLASSROOM SCHLAGE OR EQUIV. (LEVER HANDLE)
■ D40S PRIVACY SCHLAGE OR EQUIV. (LEVER HANDLE)
[] D10S PASSAGE SCHLAGE OR EQUIV. (LEVER HANDLE)
[] A70PD CLASSROOM SCHLAGE OR EQUIV. (KNOB HANDLE)
[] PANIC HARDWARE, VON DUPRIN 99L OR EQUIV. WITH RIM CYLINDER
[] OTHER _____

18. BUTTS
SOLID BRASS OR BRONZE, 3 PER DOOR, FINISH 260 BRUSHED CHROME
■ HAGAR BB1191 NRP 4-1/2"x4-1/2"
[] OTHER _____

19. CLOSURES
ADJUST TO 8.5# OPERATING PRESSURE FOR EXTERIOR, OR 5.0# FOR INTERIOR, FINISH BRUSHED ALUMINUM.
[] DORMA P7801
■ NORTON 1601 OR EQUIV.
[] OTHER _____

20. THRESHOLDS
MAXIMUM 1/2" HEIGHT
■ PEMKO 271A (BRUSHED ALUMINUM)
[] OTHER _____

21. BOTTOM SWEEPS
■ PEMKO 216AV (BRUSHED ALUMINUM WITH VINYL SEAL)
[] OTHER _____

22. WEATHER-STRIPPING
[] FOAM FILLED VINYL, FRICTION FIT INTO PREPARED FRAME
■ PEMKO 279PAV (BRUSHED ALUMINUM WITH VINYL SEAL)
[] OTHER _____

23. STOPS
[] FLOOR MOUNTED HAGAR 267F OR EQUAL 3" HEIGHT (EXTERIOR), OR EQUIV.
■ WALL MOUNTED HAGAR 236W OR EQUAL, BUMPER (INTERIOR)
[] FLOOR MOUNTED QUALITY 431 OR EQUAL, DOME (INTERIOR)
[] OTHER _____

24. OPTIONAL EXTRA ITEMS AND HARDWARE
[] VISION LIGHTS SIZE: _____
GLASS: _____
[] LOUVERS SIZE: _____
[] OTHER _____

25. WINDOWS
HORIZONTAL SLIDING , 50% VENTING, ANODIZED ALUMINUM FRAME. PERFORMANCE RATED PER AAMA GS101-88 FOR COMMERCIAL USE AND MEDIUM EXPOSURE, NAIL-ON FIN FASTENED DIRECTLY TO FRAMING AND BEHIND SIDING MATERIAL, REMOVABLE SCREEN AT VENT SASHES. LAMINATED OR TEMPERED GLAZING TO BE NOTED ON FLOOR PLAN. DUAL GLAZED WINDOWS TO HAVE MINIMUM 1/4" AIR SPACE AND 1/8" GLASS (SEE FLOOR PLAN FOR SIZES)

FRAMES:
■ CLEAR ANODIZED
[] OTHER _____

GLAZING:
[] DUAL, 3/16" GRAY TINT
[] DUAL, 1/4" GRAYLITE 14
[] DUAL, OBSCURED
■ SINGLE, 3/16" GRAY TINT
[] SINGLE, 1/4" GRAYLITE 14
■ SINGLE, OBSCURED
[] OTHER _____

26. INTERIOR WALL COVERINGS
APPLIED OVER MINIMUM 1/2" GYPSUM BOARD, OR MINIMUM 3/8" (*)ORIENTED STRAND BOARD. EXPOSED SURFACES FIRE RATED PER ASTM E-84, FLAME SPREAD MAXIMUM 200, SMOKE DEVELOPED MAXIMUM 450. (*PROVIDE FIRE BLOCKING WHEN 3/8" OSB IS USED AS BACKING MATERIAL)
■ TACKBOARD: VINYL WALL COVERING TO BE CLASS I DOMTAR GYPSUM OR EQUAL, LAMINATED ONTO 1/2" INDUSTRIAL INSULATION BOARD, 4'-0"x8'-0", LONG EDGES BEVELED.
■ FRP: FIBERGLASS REINFORCED PLASTIC PANELS, 4'-0"x8'-0", WITH COLOR MATCHED PVC MOLDINGS OVER 1/2 GYPSUM
[] OTHER _____

27. CEILING GRID
SUSPENDED SYSTEM, PERFORMANCE RATED ASTM C635 HEAVY DUTY
[] DONN DX EXPOSED SYSTEM, STEEL, PREFINISHED WHITE DX-26 MAIN RUNNER HEAVY DUTY DX-424 CROSS RUNNER HEAVY DUTY
■ ARMSTRONG PRELUDE EXPOSED SYSTEM, STEEL, PREFINISHED WHITE 7100-WH MAIN RUNNER HEAVY DUTY 71XX-WH CROSS RUNNER HEAVY DUTY
[] CHICAGO METALLIC 200 SERIES EXPOSED SYSTEM, STEEL, PREFINISHED WHITE 200-01 MAIN RUNNER HEAVY DUTY 1214-01 CROSS RUNNER HEAVY DUTY

28. ACOUSTIC LAY-IN CEILING PANELS
LIGHT REFLECTIVE LR-1, FIRE RATED CLASS-A PER ASTM E84.
■ VINYL FACED FIBERGLASS, 5/8" THICK, ARMSTRONG OR EQUIV.
[] VINYL FACED GYPSUM BOARD, 1/2" THICK USG STIPPLE PATTERN, CLASS I
[] OTHER _____

29. CARPET
DIRECT GLUE-DOWN, PERFORMANCE RATED PER STATE OF CALIFORNIA SPECIFICATION 7220-21L-01. (GROUP I, TYPE A, CLASS 24) 4600 MIN. DENSITY. THE CARPET IS TO HAVE A MINIMUM CRITICAL FLUX OF .25 WATT/CM².
[] 26oz.
[] 28oz.
[] OTHER _____
[] FACTORY INSTALLATION: 2-1/2"W ALUMINUM THRESHOLD AT MODULE JOINTS, AS REQUIRED
[] ON SITE INSTALLATION: BUTT SEAMS

30. VINYL SHEET FLOORING
MINIMUM WEAR LAYER .050" THICK, PERFORMANCE RATED PER ASTM F1303-90 TYPE-II, GRADE-1, CLASS-A, AND ASTM F970 125PSI, FIRE RATED PER ASTM E648 FLAMMABILITY CLASS-I, AND ASTM E662 SMOKE DENSITY MAXIMUM 450. (0-25 Flame Spread)
■ ARMSTRONG CLASSIC CORLON, SANDOVAL PATTERN, 6'-0" WIDE, OR EQUIV.
[] OTHER _____

[] FACTORY INSTALLATION: 2-1/2"W ALUMINUM THRESHOLD AT MODULE JOINTS, AS REQUIRED
[] ON SITE INSTALLATION: BUTT SEAMS

31. VINYL COMPOSITION TILE
12" SQUARE, MINIMUM 1/8" THICK, PERFORMANCE RATED PER ASTM F1066, COMP-1, CLASS-2, AND ASTM F970 75PSI, FIRE RATED PER ASTM E648 FLAMMABILITY CLASS-1, AND ASTM E662 SMOKE DENSITY MAXIMUM 450. (0-25 Flame Spread)
■ ARMSTRONG STANDARD EXCELON, OR EQUIV.
[] OTHER _____

[] FACTORY INSTALLATION: 2-1/2"W ALUMINUM THRESHOLD AT MODULE JOINTS, AS REQUIRED
[] ON SITE INSTALLATION: BUTT SEAMS

32. TOP SET BASE
■ BURKE MOLDED RUBBER 1/8" THICK, 4" HEIGHT, COVE STYLE #502-P, OR EQUIV.
[] OTHER _____

33. CHALKBOARDS / MARKER BOARDS
TWO 4'-0"x8'-0" BOARDS MOUNTED SIDE BY SIDE, U.N.O.
■ MARKER BOARD, PLASTIC WHITE LAMINATE
[] MARKER BOARD, SMOOTH PORCELAIN WRITING SURFACE
[] CHALKBOARD, MATTE BAKED ENAMEL WRITING SURFACE
[] CHALKBOARD, MATTE PORCELAIN WRITING SURFACE
[] OTHER _____

34. FIRE EXTINGUISHER
PRESSURIZED, WITH CHARGE INDICATOR DIAL, MOUNTING HANDLE AT +48" MAX. A.F.F., NEAR EXTERIOR DOOR
■ UL RATED 2A10BC
[] OTHER _____

35. HEAT PUMPS AND THERMOSTATS
THERMOSTAT MOUNTED AT +54" (SEALED) SIDE APPROACH, +48" (NOT SEALED) A.F.F. NEAR RETURN AIR GRILL, WHITE ROGERS 1F92 WITH WH UNITS AND 1F90 WITH WAG UNITS, OR EQUIV.
■ BARD WH42-ILA08 (LOCKOUT)
[] BARD WH48-A10
[] BARD WH48-LA10 (LOCKOUT)
[] BARD WAG40A-A54C (NG / ELECTRIC)
[] BARD WAC40A-A54C (LPG / ELECTRIC)
[] OTHER _____

HVAC UNIT TO CONFORM TO CURRENT SMACNA STANDARDS, ARI 240-77,AND HVAC UL LISTING. PROVIDE POSITIVE MEANS OF DISCONNECT PER SEC. 309 CMC. (BARD, INTERTHERM, MARVAIR, OR EQUIV.)

36. DUCTWORK
WITHIN 3'-0" OF THE HVAC UNIT, PROVIDE SHEET METAL DUCTING
■ NONMETALLIC OPTION: IN SEMI-CONCEALED ACCESSIBLE LOCATIONS BEYOND 3'-0" FROM THE HVAC UNIT, PROVIDE FLEXIBLE ROUND 2 -PLY POLYESTER DUCT WITH COILED WIRE REINFORCING AND 1-1/2" FIBERGLASS INSULATION AND POLYETHYLENE JACKET, OR RIGID 1" FIBERGLASS BOARD WITH FOIL VAPOR BARRIER FORMED INTO RECTANGULAR DUCTS. Flam Spread (0-25) Smoke (0-50)
[] SHEET METAL OPTION: PROVIDE GALVANIZED SHEET METAL DUCTWORK WITH 1" FIBERGLASS INSULATION WITH VAPOR BARRIER.
[] OTHER _____

ALL DUCTWORK TO CONFORM TO CURRENT SMACNA MANUAL, CMC, NFPA 90-A AND B, AND HAVE SMACNA CLASS-1 RATING.

37. REGISTER & DIFFUSERS
MIN. (2) 4-WAY. CARNES, TITUS, COOLEY, COLEMAN KRUEGER OR EQUIV. - COMMERCIAL GRADE

38. ELECTRICAL PANELS
SEE ELECTRICAL PANEL SCHEDULE FOR SIZE.
■ SINGLE PHASE POWER
[] THREE PHASE POWER

39. ELECTRICAL OUTLETS
LOCATE PER FLOOR PLANS AT +15"MIN.- 18" MAX. A.F.F. U.O.N.
■ DUPLEX OUTLETS, LEVITON 5014 OR EQUAL
[] OTHER _____

40. EXTERIOR LIGHTING
■ INCANDESCENT, WEATHER-PROOF VANDAL-RESISTANT HOUSING, WITH 60WATT LAMP, FAIL-SAFE IBO-102 OR EQUAL (K3636)
[] FLUORESCENT, WEATHER-PROOF VANDAL-RESISTANT HOUSING, WITH TWO 7WATT LAMPS, FAIL-SAFE FBP-142 OR EQUAL
[] OTHER _____

41. INTERIOR LIGHTING
PLASTIC LENS FIRE RATING CONFORMING TO CURRENT CBC SECTION 5208. ACRYLIC PRISMATIC, BUILT-IN REFLECTION HOUSING, SWITCHES PNS 501 OR EQUIV..
[] LAY-IN 3-LAMP, FLUORESCENT, 2'-0" x 4'-0", WITH 34 WATT ENERGY SAVER LAMPS, LITHONIA 2GT-340 OR EQUAL
[] LAY-IN 2-LAMP, FLUORESCENT, 2'-0" x 4'-0", WITH 34 WATT ENERGY SAVER LAMPS, LITHONIA 2GT-240 OR EQUAL
■ LAY-IN 4-LAMP, FLUORESCENT, 2'-0" x 4'-0", WITH 34 WATT ENERGY SAVER LAMPS, LITHONIA 2GT-440 OR EQUAL
■ 50 FT. CANDLES AT 30" AFF.
[] OTHER _____

42. CLOCK
[] 12" DIAMETER, ACCUTREC 2012BE OR EQUAL
■ REC. EAGLE OR EQUAL
[] OTHER _____

43. FIRE ALARM SYSTEM
■ PROVIDE 1/2" EMT CONDUIT AND COVERED METAL JUNCTION BOXES, LOCATE PER ELECTRICAL FLOOR PLAN, FOR FUTURE WIRE AND EQUIPMENT BY OTHERS.
[] OTHER _____

44. COMMUNICATIONS SYSTEM
[] SPECIFY: _____

45. CASEWORK - WOOD WORK INSTITUTE OF AMERICA (WIC) CUSTOM GRADE
[] WOOD
SOLID OAK FACE FRAMES, FLAT PANEL OAK DOORS AND DRAWER FRONTS, CLEAR LACQUER FINISH. MELAMINE/PARTICLE BOARD BOXES, WITH LAMINATE COUNTER TOPS, LAYOUT PER FLOOR PLAN AND CASEWORK ELEVATIONS. TOPS FORMED W/4" SPLASH, UNO.
■ LAMINATE ,
FULL OVERLAY STYLE DOORS AND DRAWER FRONTS, MELAMINE/PARTICLE BOARD BOXES, WITH LAMINATE COUNTER TOPS, LAYOUT PER FLOOR PLAN AND CASEWORK ELEVATIONS
[] OTHER _____

46. PLUMBING
■ SEE ATTACHED PLUMBING AND RESTROOM ACCESSORIES SPECIFICATIONS. SEE SHEET P1

47. RESTROOM ACCESSORIES
■ SEE ATTACHED PLUMBING AND RESTROOM ACCESSORIES SPECIFICATIONS. SEE SHEET P1

48. ROOF CONSTRUCTION (CLASS A Roofing)
[] SINGLE PITCH
■ DOUBLE PITCH
[] 22 GA. METAL
[] PLYWOOD ROOF WITH
[] 26 GA. METAL
[] 30 GA. METAL
[] BUILT UP ROOF

49. OPTIONS
[] METAL STUDS FRAMING
■ RESTROOMS
[] CONCRETE FOUNDATION
■ WOOD FOUNDATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP 03 117549
AC JW FLS MSS TN
Date OCT 11 2016

MSI
MODULAR STRUCTURES INTERNATIONAL, INC.
950 CITRUS AVE. RIVERSIDE, CALIFORNIA, 92507
PHONE: (909) 788-3030 FAX: (909) 788-1823

PC-323

ARCHITECT APPROVAL

STRUCTURAL ENGINEERS STAMP

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

REGENCY ENGINEERING & CONSULTING GROUP
17165 VON KARMAN, SUITE # 108
IRVINE, CA 92714
TELEPHONE (714)263-3799
FAX (714)263-3795
A SUBSIDIARY OF REGENCY COMPANY, INC.

PROJECT
24'X40' MODULAR CLASSROOM BUILDING

TITLE
GENERAL SPECIFICATIONS AND ARCHITECTURAL GENERAL NOTES

JOB #	96-1310
DATE	12/9/96
DRAWN BY	B.N.
SCALE	NONE
APPROVED	
REVISIONS	
1	2/4/97
2	3/17/97
3	3/24/97 MSI REV.
4	4/25/97 MSI REV.
PLOT DATE:	04/28/97
SHEET NO.	G-1