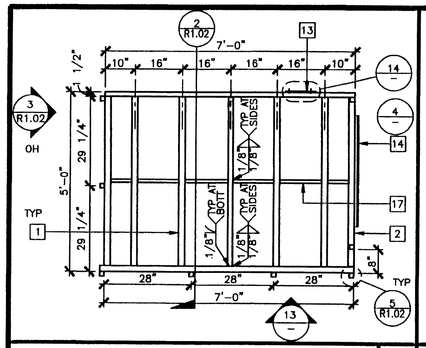
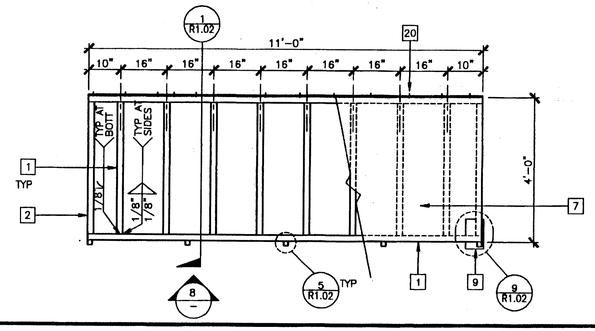
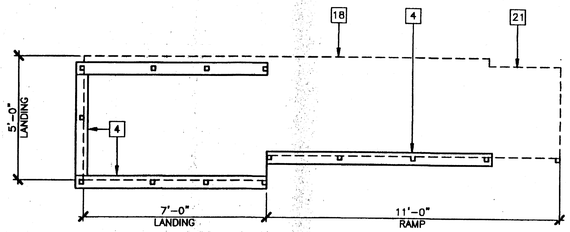


LANDING FRAME 12



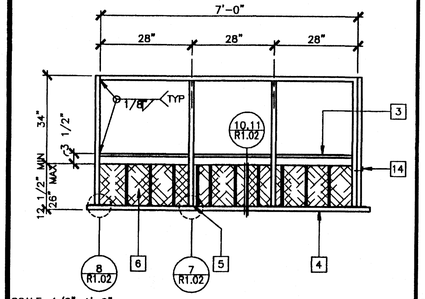
SCALE: NTS

RAMP FRAME 7



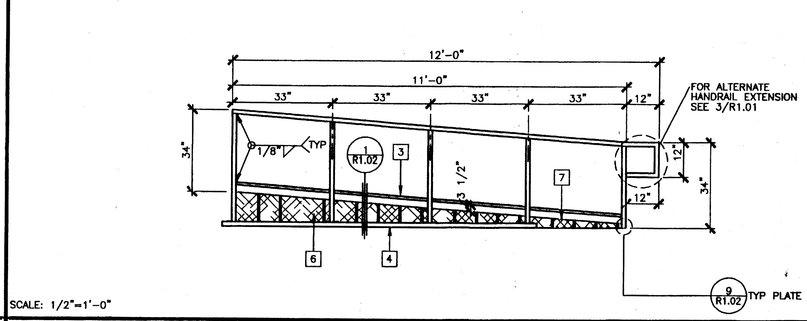
SCALE: 3/8"=1'-0"

SILL PLAN FOR RAMP AND LANDING 1



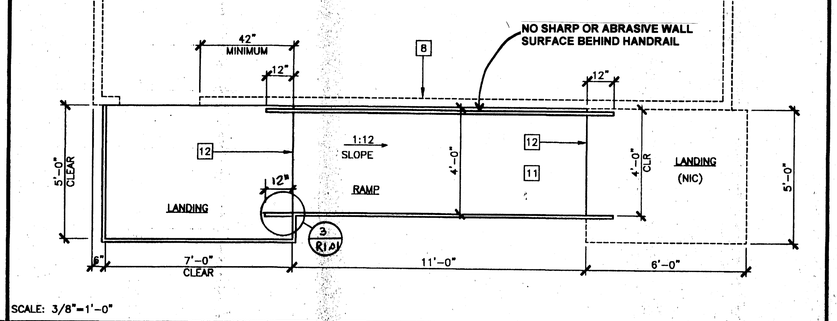
SCALE: 1/2"=1'-0"

LANDING ELEVATION 13



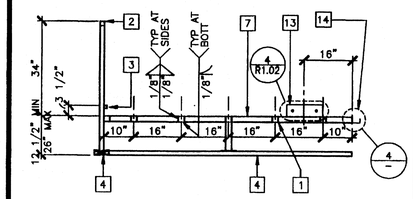
SCALE: 1/2"=1'-0"

RAMP ELEVATION 8



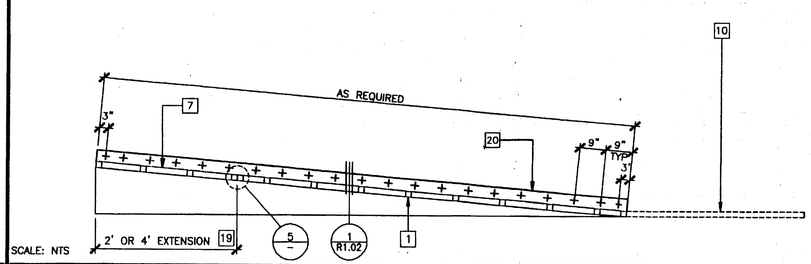
SCALE: 3/8"=1'-0"

RAMP AND LANDING AT BUILDING 2



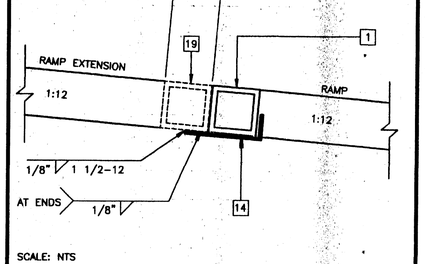
SCALE: NTS

SECTION AT LANDING 14



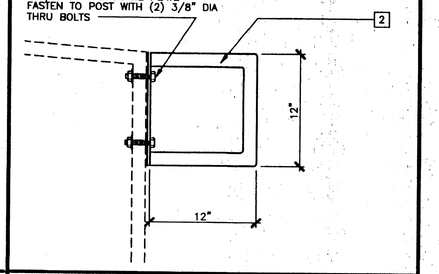
SCALE: NTS

LONGITUDINAL SECTION AT RAMP 9

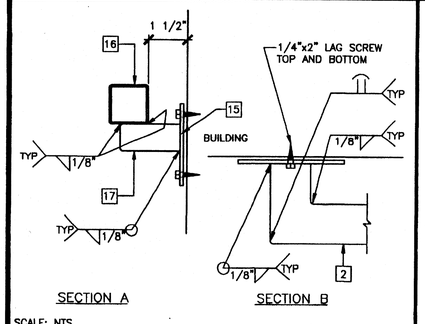


SCALE: NTS

RAMP EXTENSION TO RAMP 5

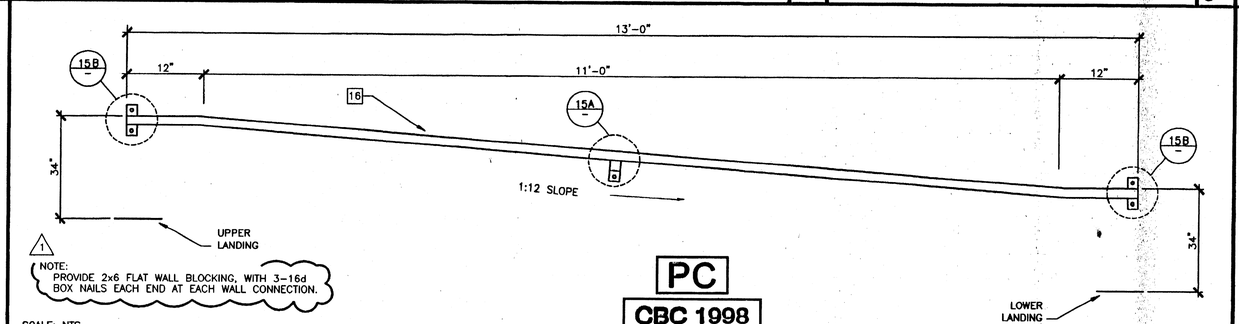


ALTERNATE GUARD RAIL EXTENSION 3



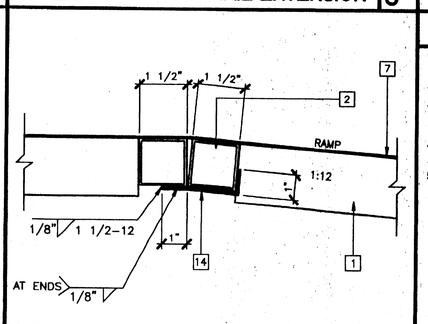
SCALE: NTS

HANDRAIL CONNECTION 15



SCALE: NTS

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) 6



SCALE: NTS

RAMP AT LANDING 4

KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI). ROUNDED OR BEVELED AT CORNERS.
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH (2) 1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TUBE STEEL USE #14x2" TEK SCREWS AT 6" OC
7. 12 GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR
8. EXISTING BUILDING
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. 2"x4"x 1/8" PLATE
16. TS 1 1/2"x1 1/2"x14 GA HANDRAIL – CONTINUOUS AND UNINTERRUPTED ROUNDED OR BEVELED AT CORNERS.
17. TS 1"x1"x16 GA
18. LINE OF RAMP/LANDING ABOVE
19. RAMP EXTENSION FRAME
20. 6"x10 GA CONTINUOUS PLATE WITH 1/4"x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO STEEL AT 9" OC
21. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
24. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
FLS SS
DATE DEC 05 2002

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

FILE PATH: 2440-R1.01.DWG

PC-04-101268 PROJECT NO. 4373

REVISIONS

	SP	MODTECH ENGINEERING CHANGE	09/28/00
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC DT FLS SS GM
DATE SEP 07 2006
REVISED OCT 0

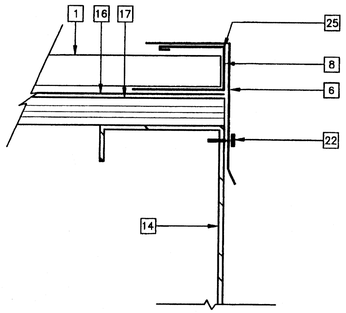
MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, ~~4398~~, 4438
4474, 4505, 4525

RAMP/LANDING

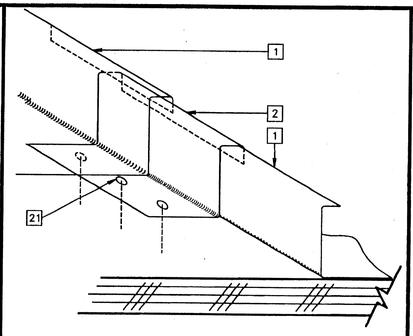
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
R1.01

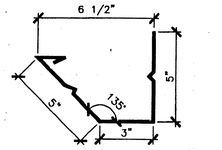


SCALE:3"=1'

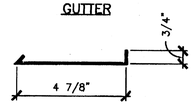
ROOF FLASHING AT HIGH SIDE | 17



ROOF STANDING SEAM | 13



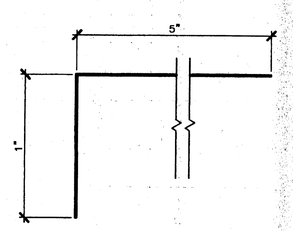
GUTTER



GUTTER STRAP

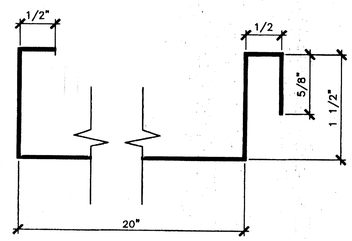
SCALE: 3"=1'

26 GA GUTTER AND GUTTER STRAP | 9



SCALE: NOT TO SCALE

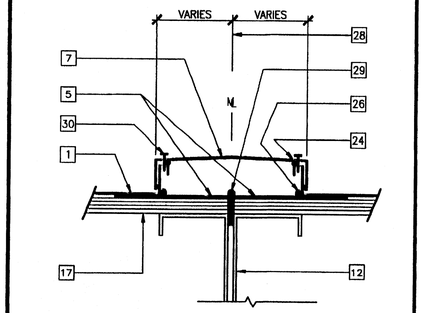
FLASHING AT MODLINE WALL | 5



26 GA STEEL G90 LFQ

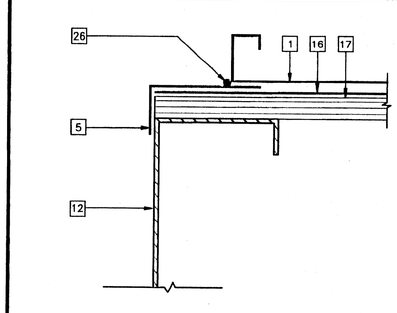
SCALE: FULL

ROOF PAN | 1



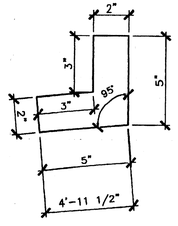
SCALE: 3"=1'

MODLINE ROOF CAP | 18



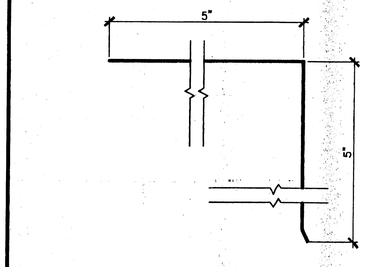
SCALE: NTS

END ROOF PAN CONNECTION | 14



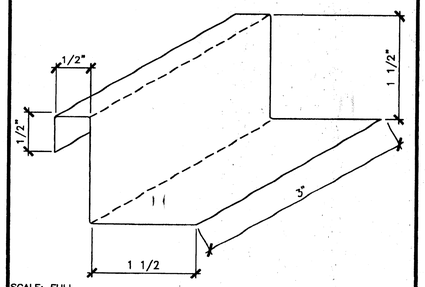
SCALE: 3"=1'

DOWNSPOUT AT BEND | 10



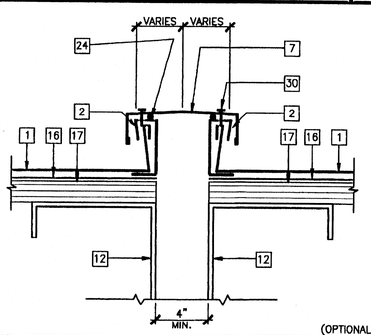
SCALE: FULL

ROOF FLASHING AT HIGH SIDE | 6



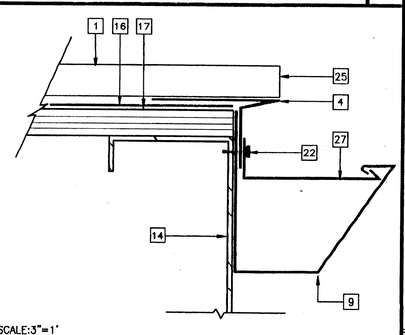
SCALE: FULL

ROOF CLIP | 2



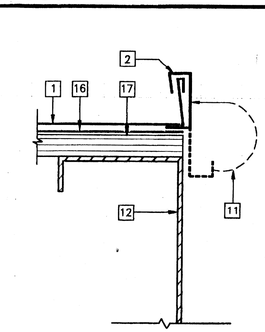
(OPTIONAL)

ROOF CAP AT 4" SEPARATION | 19



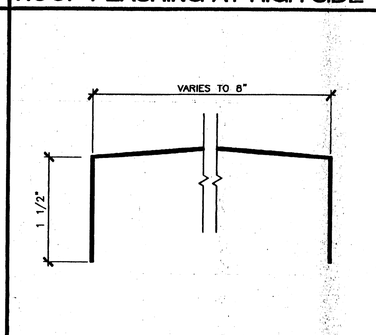
SCALE:3"=1'

GUTTER AT ROOF FASCIA BEAM | 15

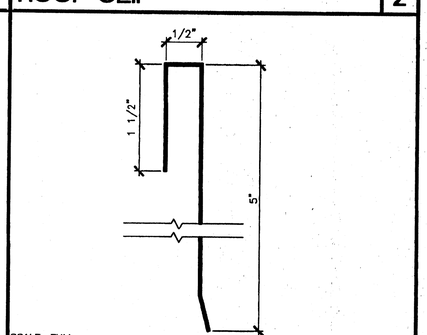


SCALE:3"=1'

STARTER ROOF PAN CONNECTION | 11

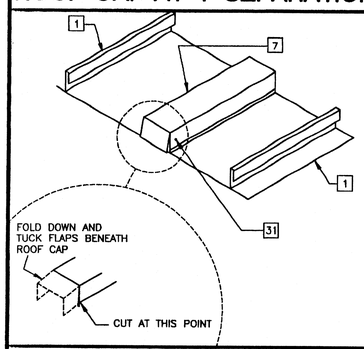


26 GA ROOF CAP AT MODLINE | 7

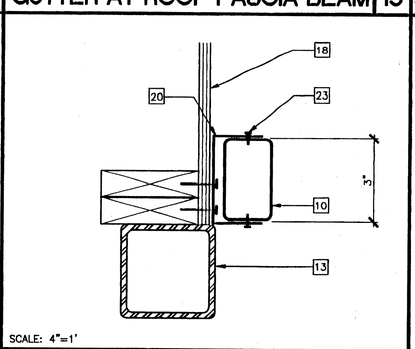


SCALE: FULL

FLASHING AT SIDE WALL | 3

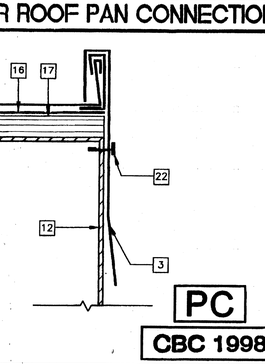


MODLINE ROOF CAP | 20



SCALE: 4"=1'

DOWNSPOUT ATTACHMENT | 16

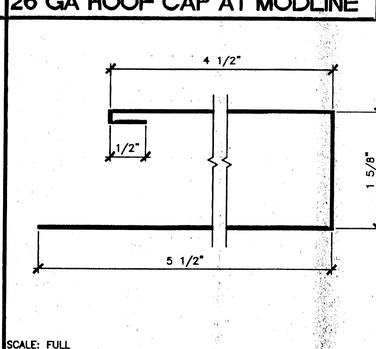


SCALE:3"=1'

PC

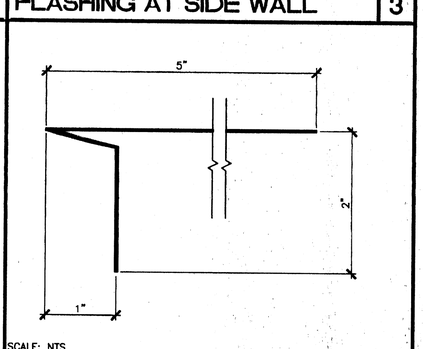
CBC 1998

ROOF FLASHING AT SIDE WALL | 12



SCALE: FULL

FLASHING AT ROOF | 8



SCALE: NTS

FLASHING AT ROOF LOW SIDE(S) | 4

KEY NOTES

1. 26 GA STANDING SEAM ROOF PAN – 1/A2.03
2. 26 GA ROOF CLIP – 2/A2.03 – AT 24" OC MAX AND 6" MAX FROM END OF ROOF
3. 22 GA GALVANIZED IRON FLASHING AT SIDEWALL 3/A2.03
4. 22 GA GALVANIZED IRON FLASHING AT LOW END OF ROOF – 4/A2.03
5. 22 GA GALVANIZED STEEL FLASHING AT MODLINE WALL – 5/A2.03
6. 22 GA GALVANIZED STEEL FLASHING AT HIGH END OF ROOF – 6/A2.03
7. 26 GA ROOF CAP AT MODLINE – 7/A2.03
8. 26 GA FLASHING AT HIGH SIDE – 8/A2.03
9. 26 GA CONTINUOUS GUTTER – 9/A2.03
10. DOWN SPOUT
11. ROOF CLIP MOUNTED UPSIDE–DOWN, BEND CLIP HEAD UP AND OVER ROOF PAN
12. ROOF BEAM (STR)
13. COLUMN
14. ROOF FASCIA (STR)
15. NOT USED
16. WEATHER PROOF MEMBRANE (25–30 LBS ASPHALT COATED)
17. PLYWOOD ROOF SHEATHING (STR)
18. TYPICAL EXTERIOR FINISH
19. NOT USED
20. ATTACHMENT BRACKET TYPICAL (3) PLACES, TOP, BOTTOM AND MIDSPAN – ATTACH TO SIDING WITH (2) #10 STSMS
21. (3) .080 x 1 1/2" SCREW SHANK NAILS – ROOF CLIP TO ROOF DECKING
22. #10 STSMS WITH NEOPRENE WASHER AT 24" OC
23. TWO FASTENERS AT EACH SIDE OF BRACKET
24. 1/4" BEAD OF SEALANT ALONG ENTIRE LENGTH OF BOTH MODLINE RIBS
25. SEALANT AT END OF SEAM
26. CONTINUOUS BEAD OF SEALANT AT JOINT BETWEEN MODLINE FLASHING AND END PAN AND AT EACH END PAN ROOF CLIP
27. GUTTER STRAP – 9/A2.03
28. MODLINE
29. CONTINUOUS SEALANT AT MODLINE JOINT
30. #10 STSMS WITH NEOPRENE WASHERS AT 36" OC ON "WET" SIDE OF SEALANT
31. #10 STSMS WITH NEOPRENE WASHERS AT EACH SIDE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC — FLS — SS
DATE DEC 05 2002

FILE PATH: 2440-A2.03.DWG

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C-8858
REN. 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC. — FLS — SS:
DATE SEP 07 1999

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373

COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

ROOFING DETAILS 26 GA A2.03

PROJECT NO. 4373

PC-04-101268

MODTECH DESIGN MT-2440
PC 04-101268
JOB #4373A
CLASS LEASING INC STOCKPILE #67
100- 24x40 CLASSROOM BUILDINGS
4012-124-12/05/2002-80 MPH

BCSD - Cesar Chavez
STKP# 67
S/N's: 47529-01/02

SERIAL NUMBERS	# OF CLASSROOMS	JOB NUMBER	ROOF SLOPE	
59141 - 59178	19	4373	MONO	
59193 - 59232	20	4378	MONO	
59243 - 59244 SPECIAL FLR "C"	1	4384	MONO	
60315 - 60368	27	4438	MONO	
46974-01/02 - 46978-01/02	5	4474	MONO	
47172-01/02 - 47176-01/02	5	4474	MONO	
47147-01/02	1	4505	DUAL	5-TON AC
47216-01/02 - 47222-01/02	7	4525	DUAL	
→ 47520-01/02 - 47534-01/02	15	4592	DUAL	
	100			

REVISE A0.01 COVER SHEET: ADD NEW SHEET NUMBERS

A1.01C FLOOR PLANS FOR BLDG: C/ WITH STUDENT TOILETS
A3.11C EXTERIOR ELEVATIONS BLDG: C
A4.01C INTERIOR ELEVATIONS BLDG: C
A7.01C REFLECTED CEILING PLANS: C
M1.01C MECHANICAL PLAN BLDG: C
E1.01C ELECTRICAL PLAN BLDG: C
R2.01 OFFSET RAMP/LANDING PLAN
R2.02 OFFSET RAMP/STAIR DETAILS

DEC 18 2002
REVISED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
APP'D FLS SS CK
DATE DEC 15 2002

U.D.R.J. Schiebe
PER CORRECTION LETTER DATED 12/13/02

1

"AS ALTERNATE FOR ALL SHOT PIN ATTACHMENTS, USE #10 S.T.M.S. AT THE SAME SPACING."

#10 USE MAX. 3/8" MATERIAL
#12 USE MAX. 1/2" MATERIAL

BUILDING DATA

STRUCTURAL DESIGN: RIGID FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): ~~70 MPH,~~ 80 MPH
FLOOR LIVE LOAD: ~~50 PSF,~~ 50+20 PSF, ~~100 PSF, 125 PSF~~
ROOF LIVE LOAD: 20 PSF

OCCUPANCY: 24'x40' CLASSROOM: E-2
~~36'x40' CLASSROOM: E-1~~
~~18'x40' CLASSROOM: E-1~~

BUILDING AREA:
24'x40' BUILDING - 960 SF
~~36'x40' BUILDING 1440 SF~~
~~18'x40' BUILDING 720 SF~~
~~84'x40' BUILDING 3360 SF~~
~~72'x40' BUILDING 2880 SF~~
~~60'x40' BUILDING 2400 SF~~
~~108'x40' BUILDING 4320 SF~~
~~126'x40' BUILDING 5040 SF~~
~~132'x40' BUILDING 5280 SF~~
~~144'x40' BUILDING 5760 SF~~

APPLICABLE CODES

1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR

1998 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(1997 UNIFORM BUILDING CODE VOLUMES 1-3 AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(1996 NATIONAL ELECTRICAL CODE AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
(1997 UNIFORM MECHANICAL CODE AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
(1997 UNIFORM PLUMBING CODE AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(1997 UNIFORM FIRE CODE AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 CCR

(1990 TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS)

APPLICABLE STANDARDS

NFPA 13 - AUTOMATIC SPRINKLER SYSTEMS - 1996 EDITION

NFPA 14 - STANDPIPE SYSTEMS - 1993 EDITION

NFPA 17A - WET CHEMICAL SYSTEMS - 1990 EDITION

NFPA 24 - PRIVATE FIRE MAINS - 1992 EDITION

NFPA 72 - NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) - 1996 EDITION
(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

NFPA 253 - CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS - 1989 EDITION

NFPA 2001 - CLEAN AGENT FIRE EXTINGUISHING SYSTEMS - 1994 EDITION
REFERENCE CODE SECTION FOR NFPA STANDARDS - CBC (SFM) 3504.1

LEGEND

SYMBOL	DESCRIPTION
1/-	DETAIL (1) ON SAME SHEET AS SYMBOL
1/2	DETAIL (1) ON SHEET (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
A/2	SECTION "A" ON SHEET (2)
1	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
1	DOOR REFERENCE
A	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE
RAMP	RAMP - SEE RAMP DRAWINGS

ABBREVIATIONS

AGC	=	ABOVE GRADE CONCRETE
BGC	=	BELOW GRADE CONCRETE
DIA	=	DIAMETER
CLR	=	CLEAR
GA	=	GAUGE
SIM	=	SIMILAR
MAX	=	MAXIMUM
MIN	=	MINIMUM
NIC	=	NOT IN CONTRACT
NTS	=	NOT TO SCALE
OC	=	ON CENTER
OD	=	OUTSIDE DIAMETER
OSB	=	ORIENTED STRAND BOARD
SIM	=	SIMILAR
STS	=	SELF TAPPING SCREW
STSMS	=	SELF TAPPING SHEET METAL SCREW
TYP	=	TYPICAL
UON	=	UNLESS OTHERWISE NOTED

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT. THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

SHEET INDEX

ARCHITECTURAL

STRUCTURAL

MECHANICAL

ELECTRICAL

RAMP

CHANGES TO THE APPROVED DRAWINGS & SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

A PROJECT INSPECTOR EMPLOYED BY THE OWNER AND APPROVED BY THE OFFICE D.S.A. SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR, R&IP

6 REVISED NOV 0 9 2000

CBC 1998

REVISIONS

	SP		
1		ADDED ALT NOTE/AND ELECT SHEETS	11/9/00
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C 2956
EXP. 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
APP'D FLS SS CK
DATE SEP 07 2000
for Edward Lepetowski
M.A. D. Fenlason

6

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373-M, 4378-M, ~~4384-M~~
4438, 4474, 4505, 4525

COVER SHEET

DRAWN BY: KK 12/5/02
DATE: 11/19/02
CHECKED BY:
DATE: 4012-124

MODTECH Index No.
A0.01

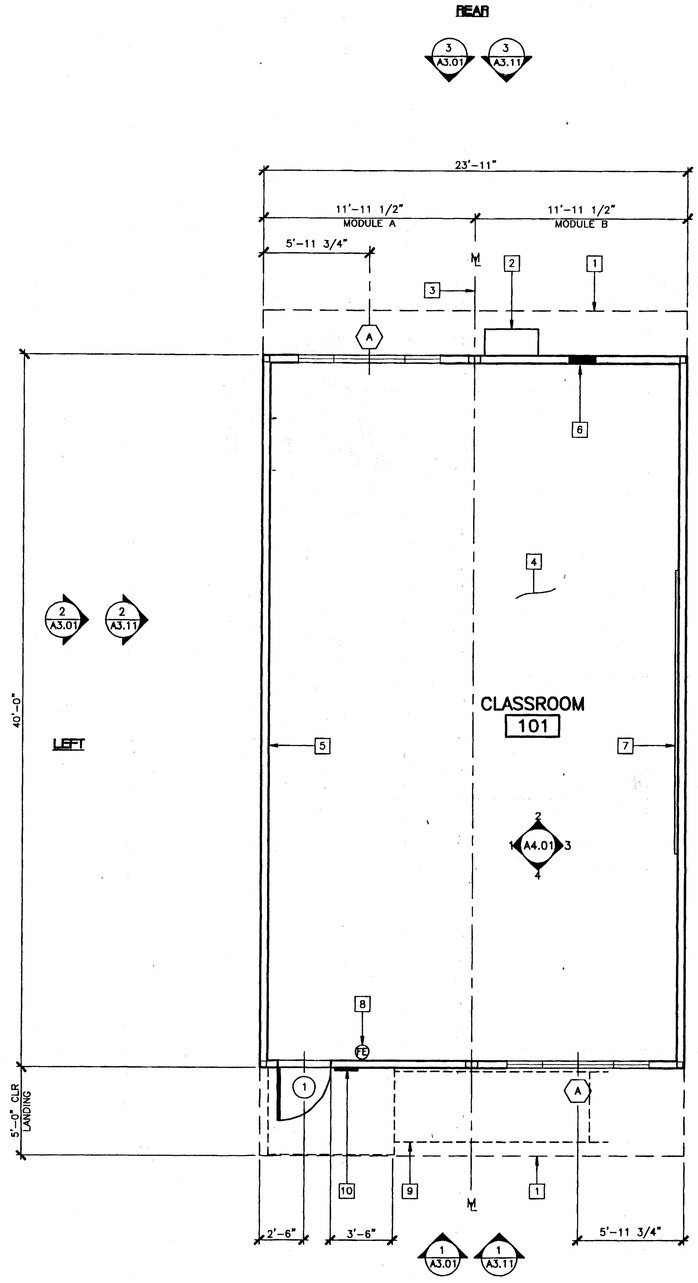
STKP-67

PROJECT NO. 4373

FILE PATH: 2440-A0-01.DWG

DSA-04-101268

REAR



LEFT

RIGHT

FRONT

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT (HV)
3. MODLINE (M)
4. FINISH FLOORING (FIN)
5. INTERIOR FINISH (FIN)
6. ELECTRICAL PANEL (EL)
7. 2- 8'X4' MARKER BOARDS (SEE SPECIFICATIONS FOR TYPE)
8. FIRE EXTINGUISHER - 5 POUNDS DRY CHEMICAL WITH 2A - 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
9. RAMP/LANDING (RAMP)
10. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

NOTES

1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED AND EXPOSURE CATEGORY.
2. 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. EXCEPTIONS:
   (1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2602
   (2) WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES III, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH (CBC SECTION 707.3)
   (3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE
4. DISTRICT TO PROVIDE OCCUPANT LOAD SIGN PRIOR TO OCCUPANCY.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
APP FLS SS
DATE DEC 05 2002

PC

CBC 1998

FLOOR PLAN

(24'x40')

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

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
REG. C 2956
REN. 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
APP FLS SS
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, 4438 4474 4505, 4525

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

FLOOR PLAN 24'x40'

A1.01

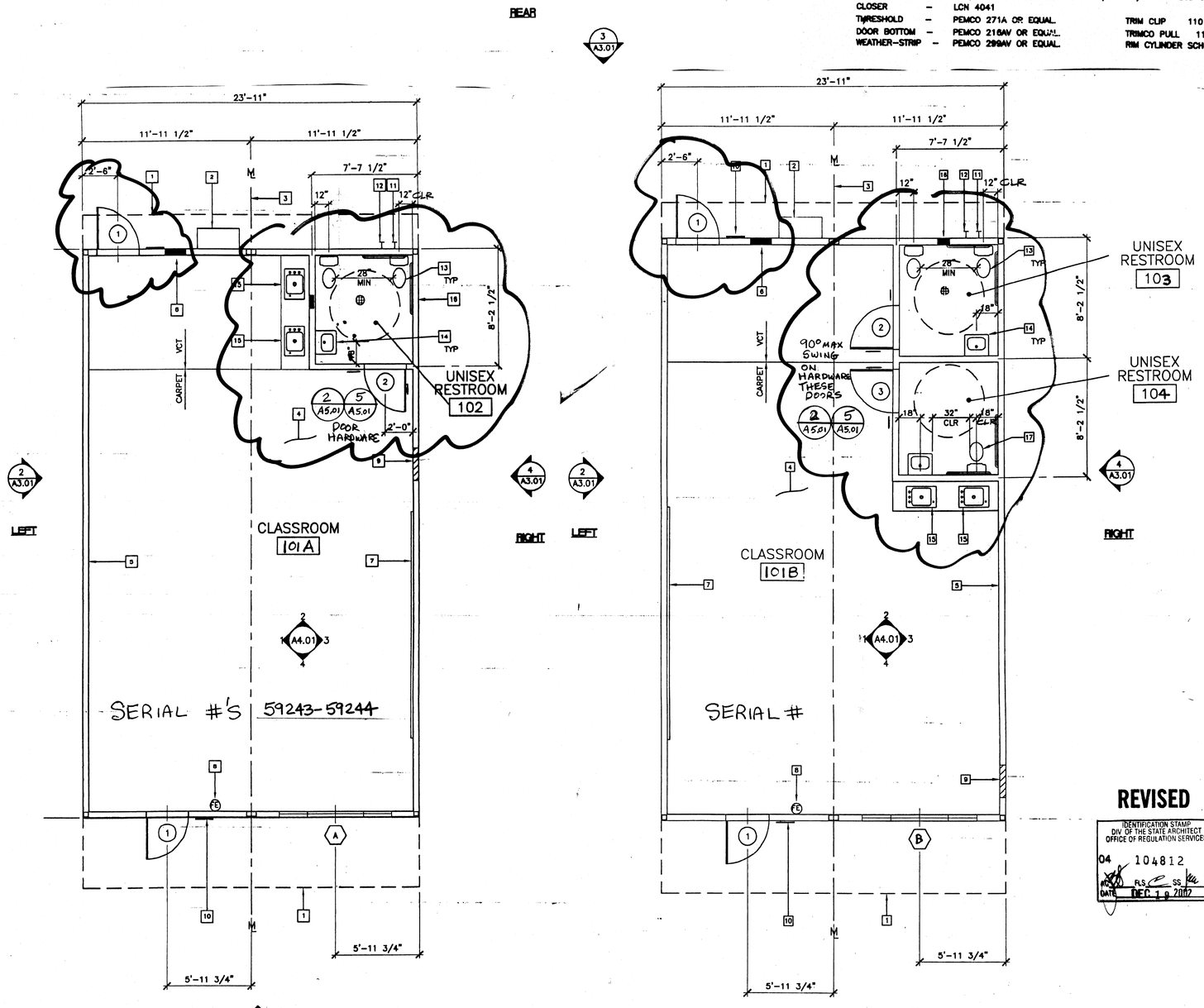
PROJECT NO. 4373

PC-04-101268

FILE PATH: 2440-A1.01.DWG

HARDWARE SET #7A (PANIC)

LOCKSET	–	VON DUPRIN 99L PANIC HARDWARE OR EQUAL BARD W/ KEYED CYLINDER AT EXT AND HEX KEY DOGGING AT INT., INSTALLED W/ THRU HEX BOLTS CYLINDERS KEYED PER DISTRICT DIRECTION.
BUTTS	–	1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" NRP 26D OR EQUAL.
CLOSER	–	LCN 4041
THRESHOLD	–	PEMCO 271A OR EQUAL.
DOOR BOTTOM	–	PEMCO 216AV OR EQUAL.
WEATHER-STRIP	–	PEMCO 299AV OR EQUAL.
TRIM CLIP		110 MD
TRIMCO PULL		111A
RIM CYLINDER SCHLAGE		20-022



FLOOR PLAN "C"

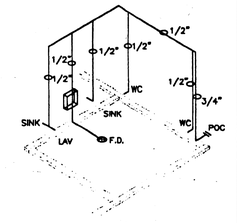
FLOOR PLAN "C-1"

FRONT

BASED ON PC04-101268

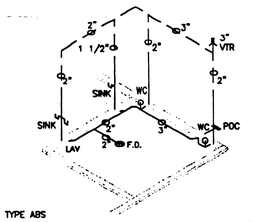
REVISED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
FLS SS
DATE DEC 19 2002



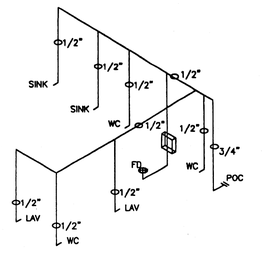
PIPE SHALL BE TYPE 'L' COPPER

C.W. SUPPLY @ RM 102 | 1



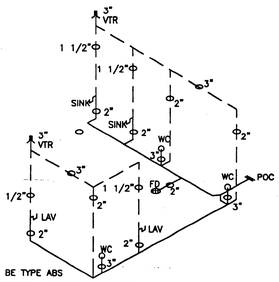
PIPE SHALL BE TYPE ABS

WASTE AND VENT @ RM 102 | 2



PIPE SHALL BE TYPE 'L' COPPER

C.W. SUPPLY @ RM 103/104 | 3



PIPE SHALL BE TYPE ABS

WASTE AND VENT @ RM 103/104 | 4

KEY NOTES

1	ROOF OVERHANG
2	HVAC UNIT (HV)
3	MODLINE (M)
4	FINISH FLOORING (FIN)
5	INTERIOR FINISH (FIN)
6	ELECTRICAL PANEL (EL)
7	2– 8'X4' MARKER BOARDS (SEE SPECIFICATIONS FOR TYPE)
8	FIRE EXTINGUISHER – 5 POUNDS DRY CHEMICAL WITH 2A – 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
9	PROVIDE BLOCKING FOR FUTURE TV BRACKET, SEE SHEET A4.01
10	SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01
11	C.W. POC
12	WASTE POC
13	WC–1 CRANE C3–811 SEAT OLSONITE #126
14	LV–1 CRANE C1–412V/FAUCET–FREEDOM 1208A–01/CARRIER–1725 DRAIN TRAP–GRID/ANGLE STOP–114SCR19
15	CABINET W/JUST CRADA1725/FAUCET–FREEDOM 1208A–01 BUBBLER–JUST JSB–10
16	TRAP PRIMER FOR 2" ZURN FLOOR DRAIN
17	WC–2 CRANE C3–392, SEAT OLSONITE 126

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING, SHOW DSA APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, ROOF AND FLOOR DESIGN LIVE LOAD AND DESIGN WIND LOAD
2. 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. EXCEPTIONS:
   (1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2602
   (2) WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES III, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE–DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH (CBC SECTION 707.3)
   (3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE

WINDOW SCHEDULE

WINDOW NUMBER	WINDOW TYPE	QUANTITY	FRAME OPENING WIDTH	FRAME OPENING HEIGHT	FINISH	REMARKS
8	1	1	8'–0"	2'–0"	ANODIZED	

DOOR SCHEDULE

DOOR NUMBER	DOOR TYPE	QUANTITY	FRAME OPENING WIDTH	FRAME OPENING HEIGHT	DOOR MATERIAL	FIRE RATING	HARDWARE SET NO.	FRAME MATERIAL	JAMB THROAT	REMARK
1	A	2	3'–0"	6'–8"	HM		7A	HM	5–1/8"	
2	B	1	3'–0"	6'–8"	HM		2	HM	5–1/8"	

HM – HOLLOW METAL – PRESSED STEEL KD TYPE

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FINISHES FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	CEILING HEIGHT
101	CLASSROOM	A/C	D	G	G	G	G	Q	8'–6"
102	UNISEX RESTROOM	B	E	N	N	N	N	Q	8'–0"
103	" "	B	E	N	N	N	N	Q	8'–0"
104	" "	B	E	N	N	N	N	Q	8'–0"

A – CARPET PER STATE OF CALIF SPEC COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN .
B – VINYL SHEET FLOORING
C – VCT. ARMSTRONG STANDARD OR EXCELON
D – TOP SET BASE – 4"
E – TOP SET BASE – 6"
F – SELF COVE BASE – 6"
G – 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING
H – 1/8" MARLITE OVER 1/2" GYP BOARD OR 3/8" MARLITE FLAME SPREAD CLASS 3
J – 1/2" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
K – 3/8" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
L – 1/2" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
M – 3/8" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
N – 3/32" FRP OVER 1/2" WR GYP BOARD
P – NO FINISH
Q – ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

FILE PATH: 2440–A1.01.DWG

PROJECT NO.3883

PC– 04–101268

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
9-30-
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC–04
AC. FLS SS
DATE

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943–4014
FAX (909) 940–0427

PROJECT NUMBER: F0284

CHINO

CLASS LEASING

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
4012-124 12/05/2002 80 MPH

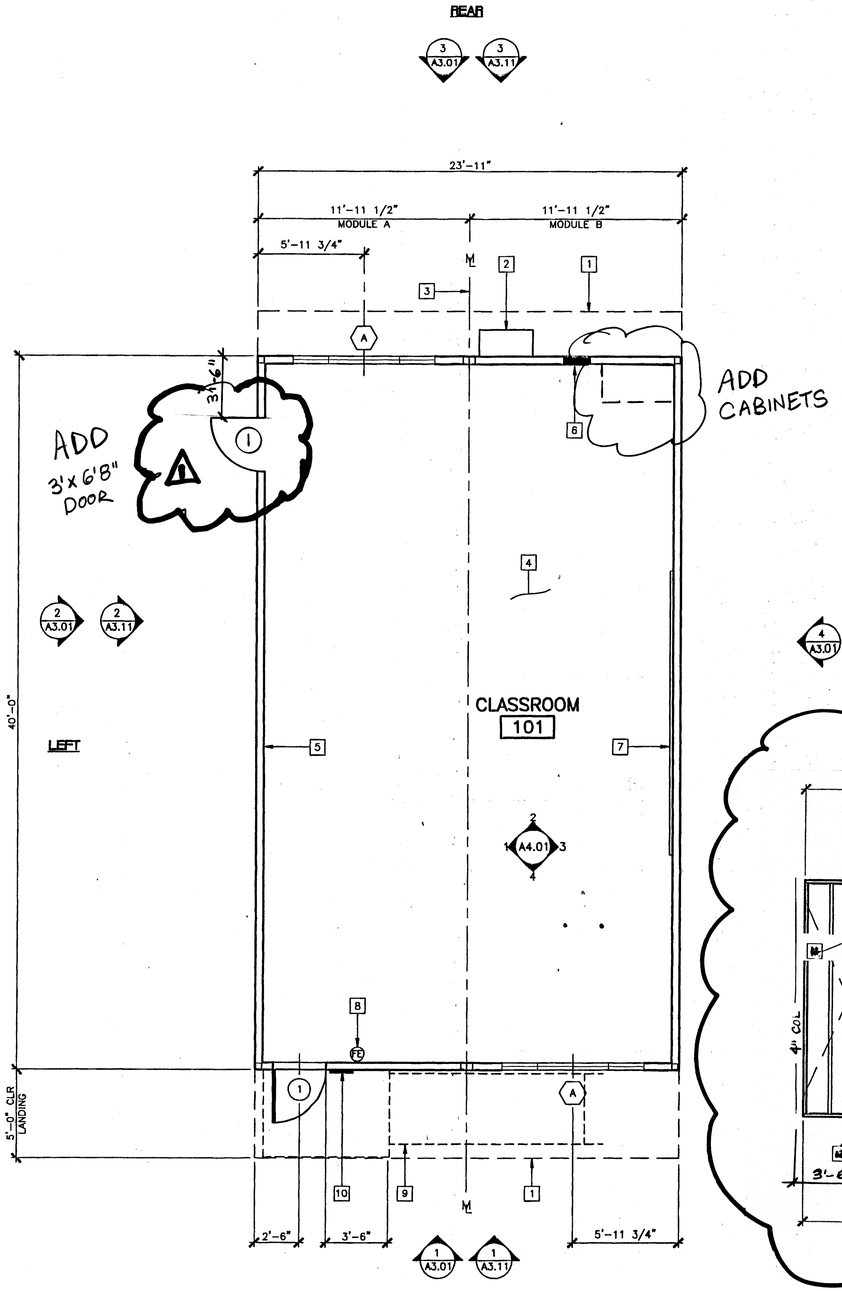
DRAWN BY: SW
DATE: 6/26/01
CHECKED BY:
DATE:

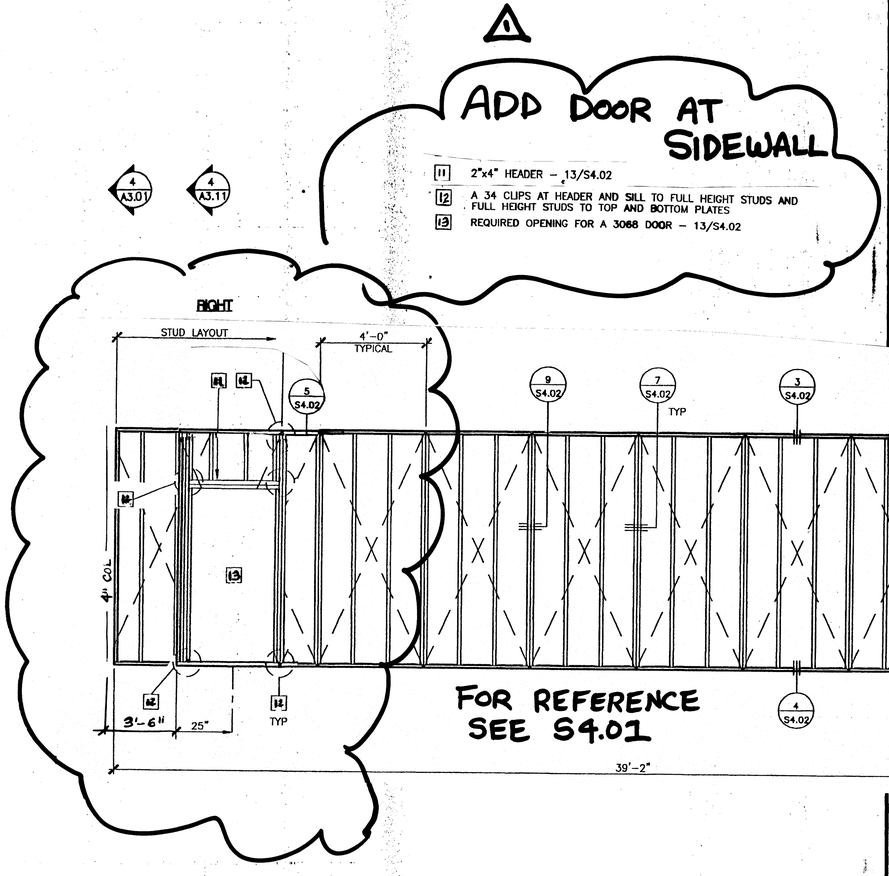
MODTECH Index No.

FLOOR PLAN 24'x40'

A1.01C

REAR





FRONT

PC

CBC 1998

FLOOR PLAN

(24'x40')

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

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT (HV)
3. MODLINE (M)
4. FINISH FLOORING (FIN)
5. INTERIOR FINISH (FIN)
6. ELECTRICAL PANEL (EL)
7. 2– 8'X4' MARKER BOARDS (SEE SPECIFICATIONS FOR TYPE)
8. FIRE EXTINGUISHER – 5 POUNDS DRY CHEMICAL WITH 2A – 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
9. RAMP/LANDING (RAMP)
10. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

NOTES

1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED AND EXPOSURE CATEGORY.
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   (3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE
4. DISTRICT TO PROVIDE OCCUPANT LOAD SIGN PRIOR TO OCCUPANCY.

MODIFIED

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
1				LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2566 REN. 9-30-01 STATE OF CALIFORNIA	PC-04 101268 DATE SEP 07 1999
2					
3					
4					
5					

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943–4014
FAX (909) 940–0427

1- 24x40 CLASSROOM A#04-104812 STKP-67
#CL 2443 SERIAL # 59195-96 3/14/05
EDISON E.S.D. AT ORANGEWOOD ELEMENTARY

FLOOR PLAN 24'x40'

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

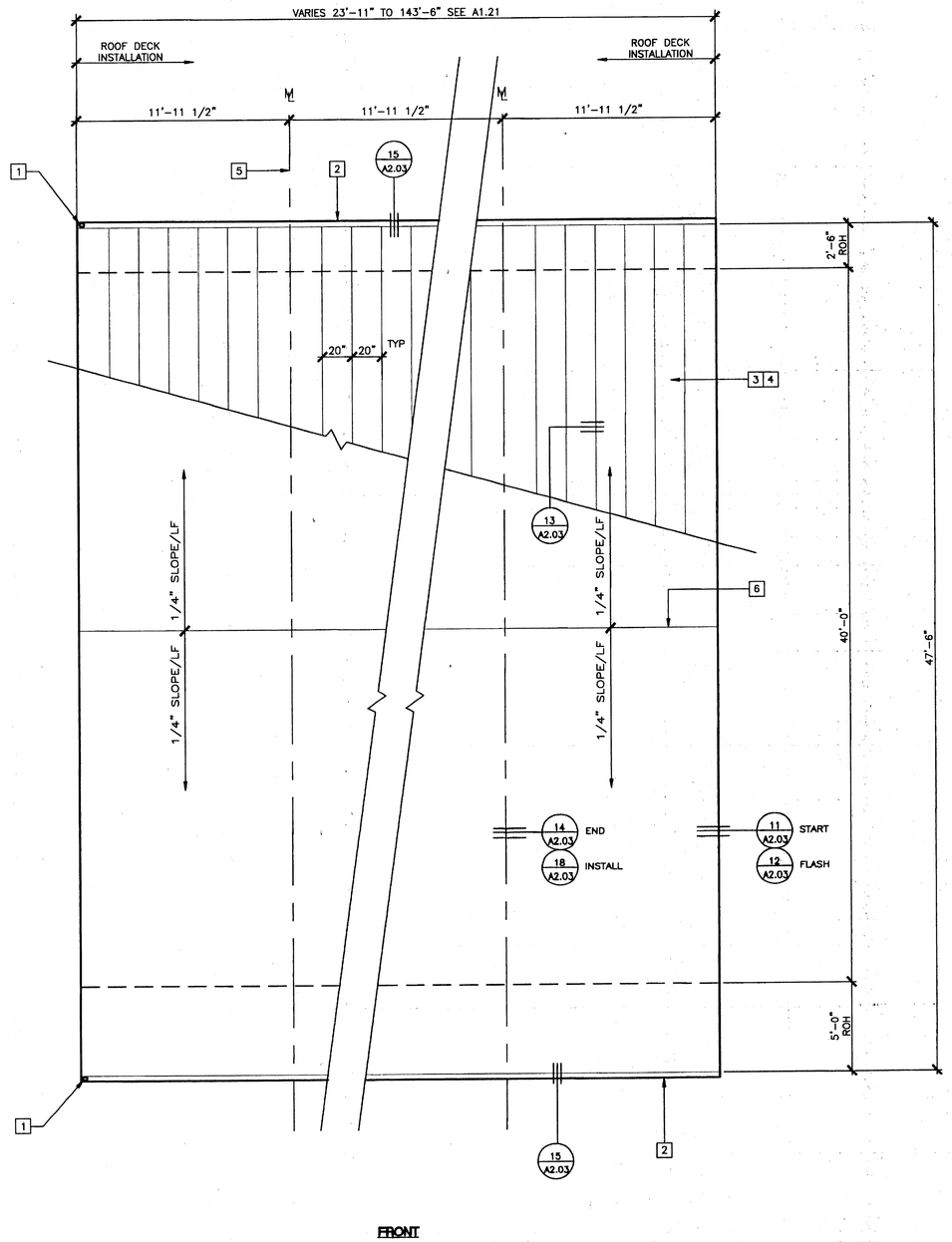
A1.01M

PROJECT NO. 4373

PC-04-101268

FILE PATH: 2440-A1.01.DWG

REAR



LEFT

RIGHT

FRONT

KEY NOTES

1. DOWNSPOUT – SEE A3.03 FOR SPECIFIC LOCATIONS.
2. CONTINUOUS GUTTER 26GA.
3. 26GA. MIN.–INTERLOCKING ROOF PANELS OVER AQUA BAR 15 (MHI) ROOFING UNDERLAYMENT (RADCO LISTING #1109) OVER 3/4" CDX PLYWOOD – CLASS A ROOFING SYSTEM
4. AS AN ALTERNATE TO 3/4" CDX PLYWOOD USE 3/4" LOUISIANA PACIFIC OSB, SEE SPECIFICATIONS.
5. MODLINE (M)
6. RIDGELINE

NOTES

1. BUILDINGS HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 15A – CLASS A OR B.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC. DATE DEC 05 2002

PC

CBC 1998

ROOF PLAN

26 GA DUAL PITCH – (23'-11" TO 143'-6")

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

REVISIONS			Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC. DATE SEP 07 1999
1					LICENSE EXPIRES 6-30-2004	LICENSED ARCHITECT GEORGE C. EDMAN No. C 2958 REN. 9-30-03 STATE OF CALIFORNIA	
2							
3							
4							
5							

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

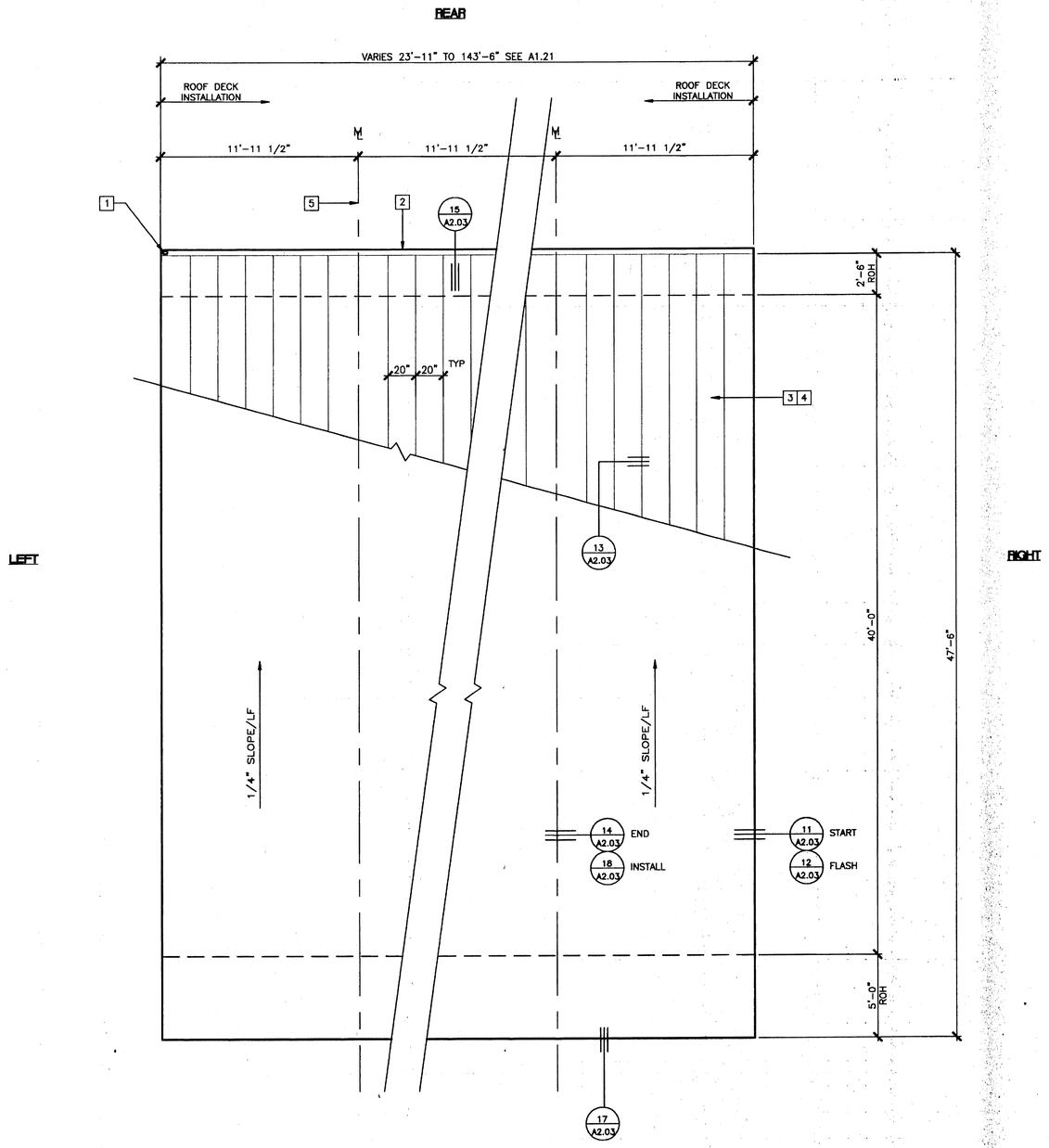
ROOF PLAN 26 GA DUAL PITCH

A2.01

PROJECT NO. 4373

PC-04-101268

FILE PATH: 2440-A2.01.DWG



KEY NOTES

1. DOWNSPOUT – SEE A1.21 FOR SPECIFIC LOCATIONS.
2. CONTINUOUS GUTTER 26GA.
3. 26GA. MIN.–INTERLOCKING ROOF PANELS OVER AQUA BAR 15 (MHI) ROOFING UNDERLAYMENT (RADCO LISTING #1109) OVER 3/4" CDX PLYWOOD – CLASS A ROOFING SYSTEM
4. AS AN ALTERNATE TO 3/4" CDX PLYWOOD USE 3/4" LOUISIANA PACIFIC OSB, SEE SPECIFICATIONS.
5. MODLINE (ML)

NOTES

1. BUILDINGS HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 15A – CLASS A OR B.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 1048 12
AC — FLS
DATE DEC 0 7 2002

FILE PATH: 2440-A2.02.DWG

ROOF PLAN

26 GA MONO PITCH – (23'-11" TO 143'-6")
SCALE: 1/4" = 1'-0"

PC
CBC 1998

REVISIONS					Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
1							LICENSE: C 2000	LICENSED ARCHITECT GEORGE C. EDWARDS JR. No. C 9958 REN. 9-30-03 STATE OF CALIFORNIA	PC-04 101268 AC FLS DATE SEP 07 1999
2									
3									
4									
5									

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

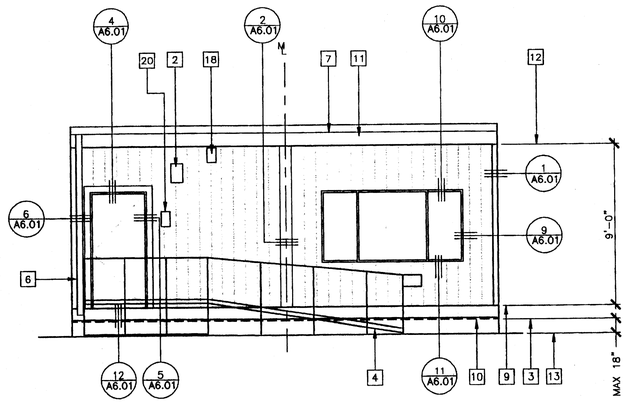
PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124
MODTECH Index No.

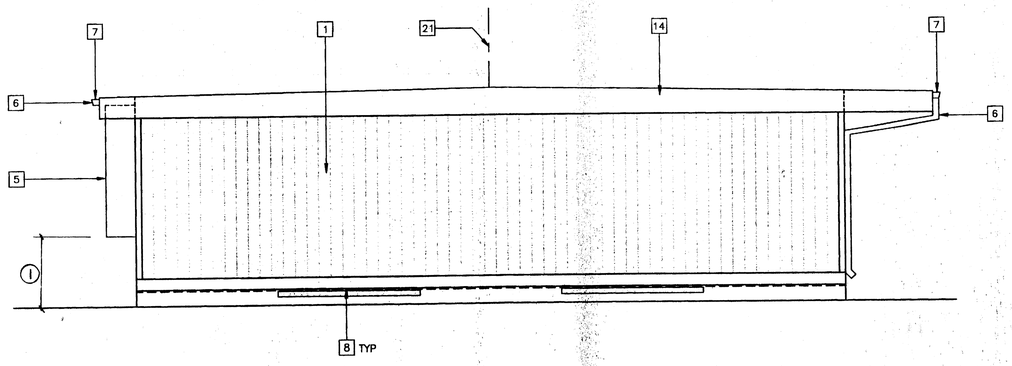
ROOF PLAN 26 GA MONO PITCH

A2.02

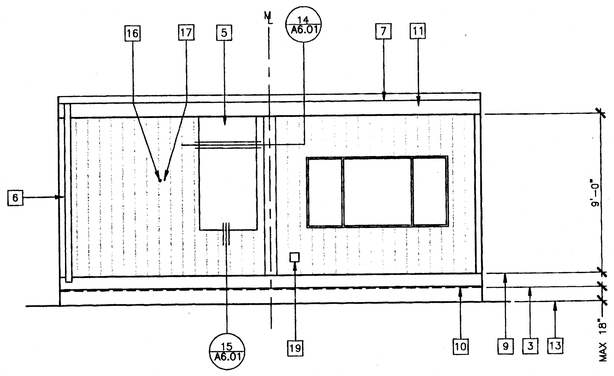
PROJECT NO. 4373
PC-04-101268



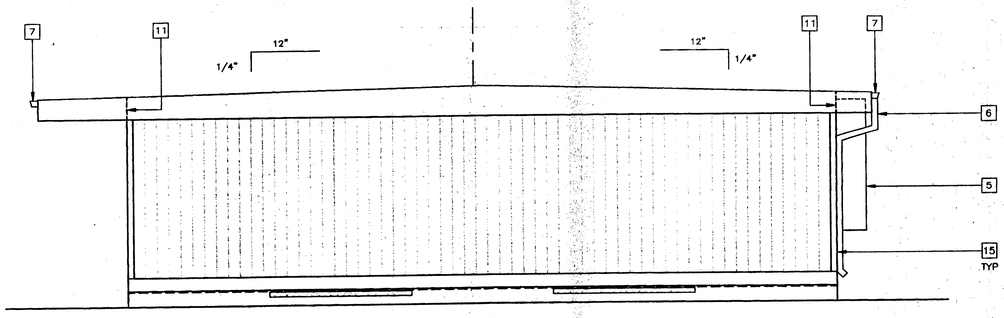
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

KEY NOTES

1. TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
2. EXTERIOR LIGHT FIXTURE (EL)
3. TOP OF SKIRTING
4. RAMP AND LANDING – R1.01
5. HVAC UNIT (HV)
6. DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES – 16/A2.03
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8. FOUNDATION VENT (SEE FOUNDATION PLAN)
9. FINISH FLOOR LINE
10. FLOOR BEAM (STR)
11. ROOF HEADER (STR)
12. TOP OF COLUMN
13. FINISH GRADE
14. ROOF BEAM (STR)
15. COLUMN (STR)
16. ELECTRICAL STUB-OUT (EL)
17. GROUND STUB-OUT (EL)
18. J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
19. GUTTER BOX (EL)
20. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01
21. RIDGE

NOTES

1. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" PROTECTION MUST BE PROVIDED

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

STANDARD – 5/8" PLYWOOD SIDING

OPTIONAL – 5/16" GROOVED FIBER CEMENT BOARD

OPTIONAL – 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM

OPTIONAL – EXTERIOR PLASTER OVER LATH

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
FLS SS GK
DEC 05 2002

FILE PATH: 2440-A3.01.DWG

PC
CBC 1998

EXTERIOR ELEVATIONS — 26 GA DUAL PITCH (24'x40')
SCALE: 1/4" = 1'-0"

REVISIONS			Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
1						LICENSED ARCHITECT GEORGE C. KOMPOSIS No. C-2956 REN. 9-30-03 STATE OF CALIFORNIA	PC-04 101268 AC TK FLS SS GK DATE SEP 07 1999
2							
3							
4							
5							

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373 4505, 4525
COLTON U.S.D.

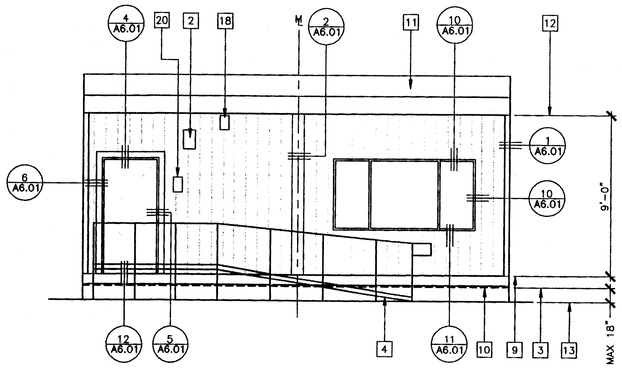
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

EXTERIOR ELEVATIONS 26 GA DUAL PITCH 24'x40'

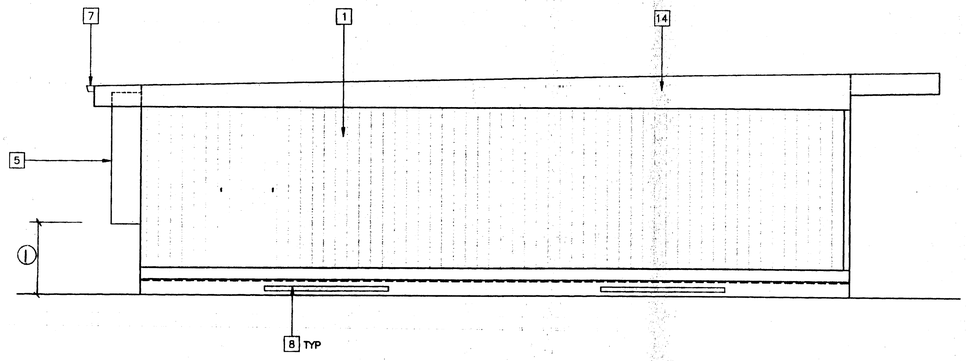
MODTECH Index No.
A3.01

4373

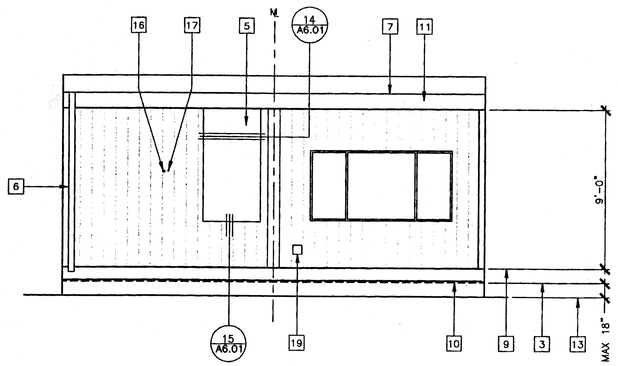
PC-04-101268



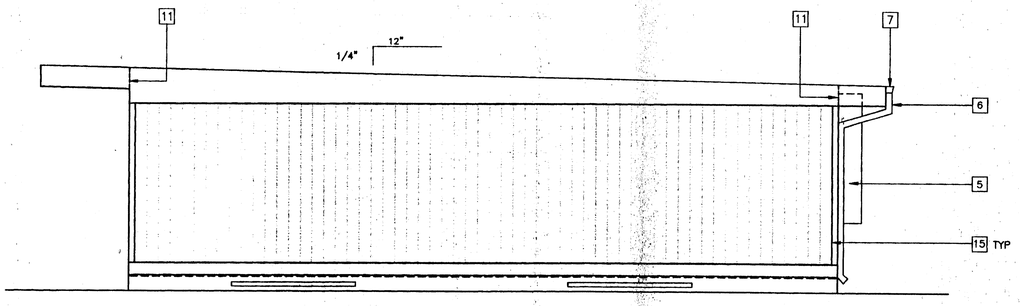
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

KEY NOTES

1. TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
2. EXTERIOR LIGHT FIXTURE (EL)
3. TOP OF SKIRTING
4. RAMP AND LANDING. – R1.01
5. HVAC UNIT (HV)
6. DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES – 16/A2.03
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8. FOUNDATION VENT (SEE FOUNDATION PLAN)
9. FINISH FLOOR LINE
10. FLOOR BEAM (STR)
11. ROOF HEADER (STR)
12. TOP OF COLUMN
13. FINISH GRADE
14. ROOF BEAM (STR)
15. COLUMN (STR)
16. ELECTRICAL STUB–OUT (EL)
17. GROUND STUB–OUT (EL)
18. J–BOX FOR EXTERIOR FIRE ALARM HORN (EL)
19. GUTTER BOX (EL)
20. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

NOTES

1. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" PROTECTION MUST BE PROVIDED

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

- STANDARD – 5/8" PLYWOOD SIDING
- OPTIONAL – 5/16" GROOVED FIBER CEMENT BOARD
- OPTIONAL – 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM
- OPTIONAL – EXTERIOR PLASTER OVER LATH

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
APP'D FLS SS GK
DATE DEC 05 2002

PC
CBC 1998

EXTERIOR ELEVATIONS

26 GA MONO PITCH (24'x40')
SCALE: 1/4" = 1'–0"

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C-2956
REN. 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC–04
101268
AC FLS SS GK
DATE DEC 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943–4014
FAX (909) 940–0427

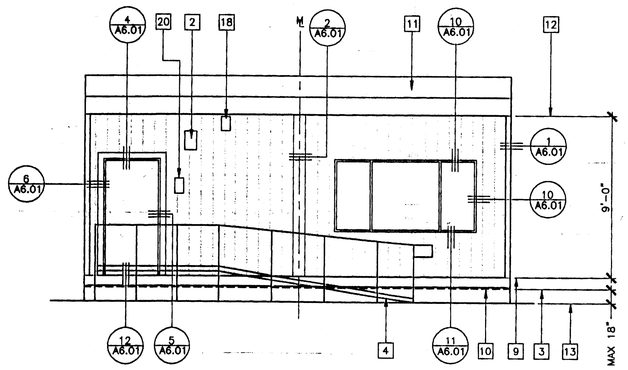
PROJECT NUMBER: 4373-M, 4378-M, 4434, 4438 4474

EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

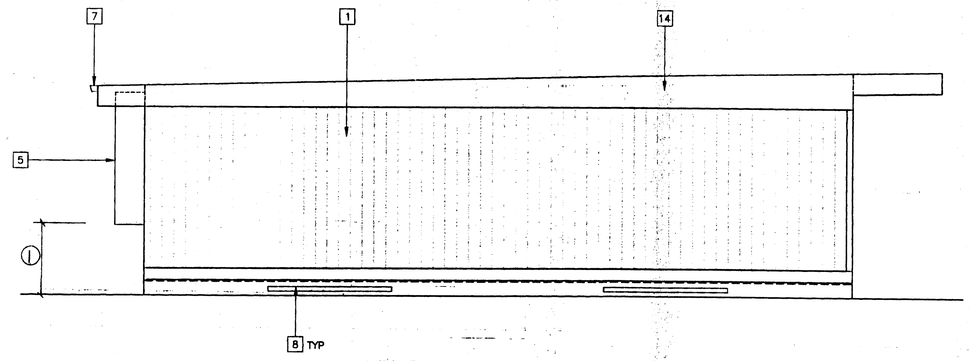
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-129

MODTECH Index No.
A3.11

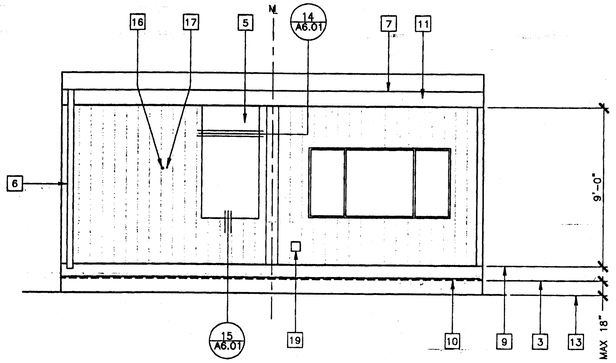
PROJECT NO. 4373
PC–04–101268
FILE PATH: 2440–A3.11.DWG



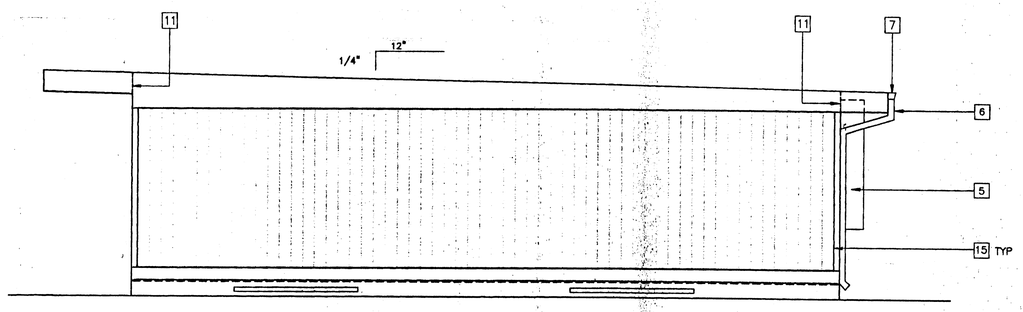
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

KEY NOTES

1. TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
2. EXTERIOR LIGHT FIXTURE (EL)
3. TOP OF SKIRTING
4. RAMP AND LANDING. – R1.01
5. HVAC UNIT (HV)
6. DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES – 16/A2.03
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8. FOUNDATION VENT (SEE FOUNDATION PLAN)
9. FINISH FLOOR LINE
10. FLOOR BEAM (STR)
11. ROOF HEADER (STR)
12. TOP OF COLUMN
13. FINISH GRADE
14. ROOF BEAM (STR)
15. COLUMN (STR)
16. ELECTRICAL STUB-OUT (EL)
17. GROUND STUB-OUT (EL)
18. J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
19. GUTTER BOX (EL)
20. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

NOTES

1. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" PROTECTION MUST BE PROVIDED

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

STANDARD – 5/8" PLYWOOD SIDING

OPTIONAL – 5/16" GROOVED FIBER CEMENT BOARD

OPTIONAL – 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM

OPTIONAL – EXTERIOR PLASTER OVER LATH

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC DATE FLS SS
DEC 05 2002

FILE PATH: 2440-A3.11.DWG

PC
CBC 1998

EXTERIOR ELEVATIONS

26 GA MONO PITCH (24'x40)
SCALE: 1/4" = 1'-0"

REVISIONS					Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
1								LICENSED ARCHITECT GEORGE C. EDWARDS JR. REN. 9-30-03 STATE OF CALIFORNIA	PC-04 101268 AC DATE FLS SS DEC 07 1999
2									
3									
4									
5									

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

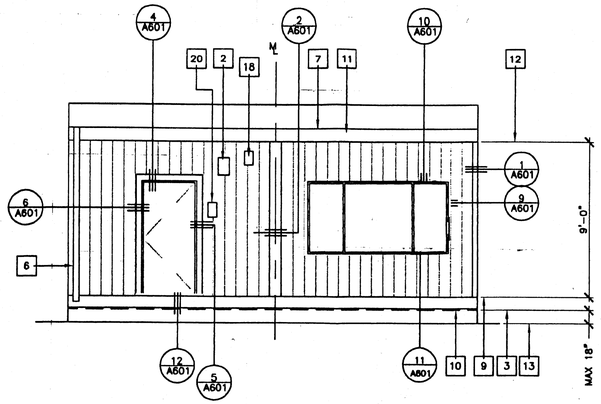
PROJECT NUMBER: 4373-M, 4378-M, 4434, 4438 © MODTECH 2002
4474
10- 24 x 40 CLASSROOMS A# 04-104812
SERIAL # 46974-01/02 TO 46978-01/02
SERIAL # 47176-01/02 TO 47176-01/02
4474 STOCK-LATHROP STOCKPILE #67

EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

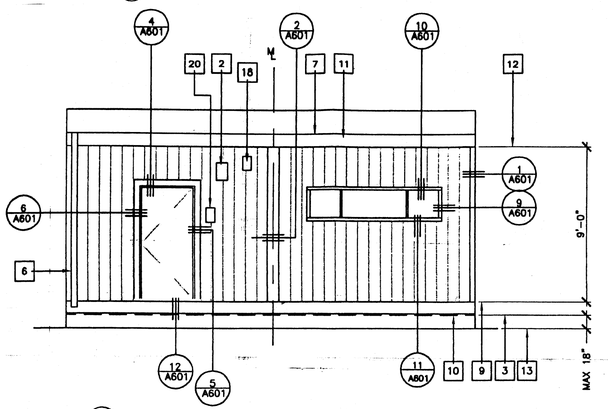
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-129

MODTECH Index No.
A3.11

PROJECT NO. 4373
PC-04-101268



1 FRONT ELEVATION



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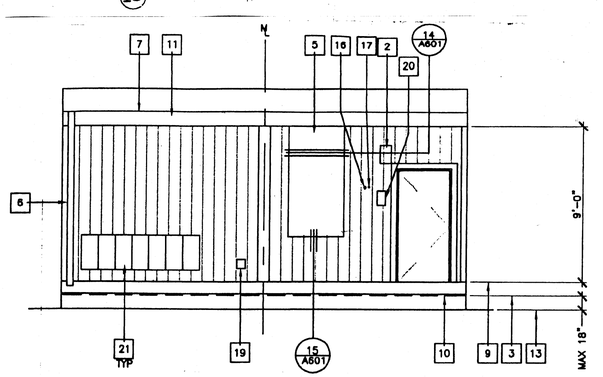

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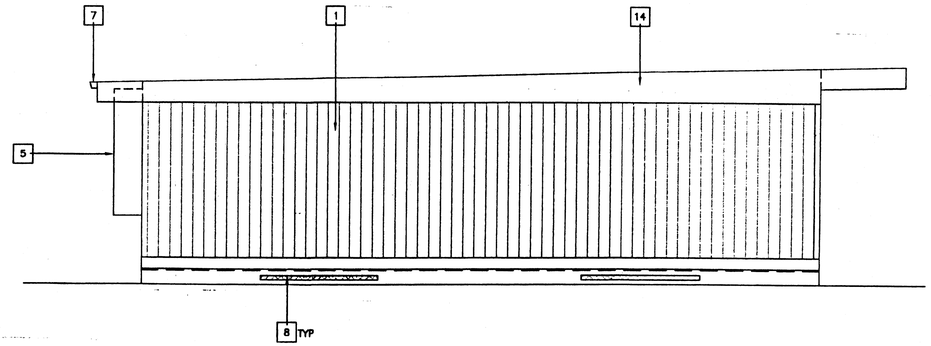
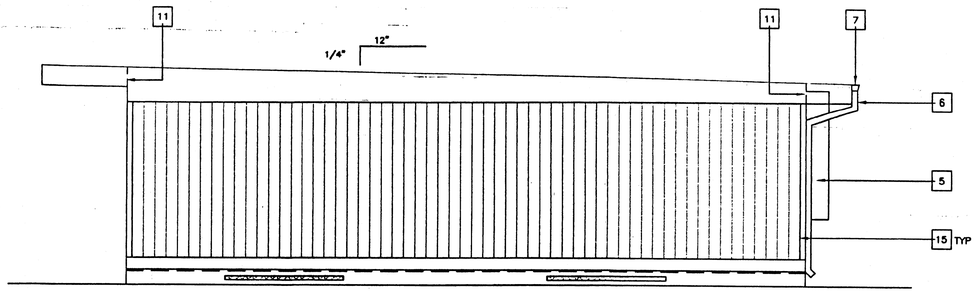


2 LEFT SIDE ELEVATION



4 RIGHT SIDE ELEVATION

EXTERIOR ELEVATIONS

26 GA MONO PITCH (24'x40)

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

KEY NOTES

1	TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
2	EXTERIOR LIGHT FIXTURE (EL)
3	TOP OF SKIRTING
4	NOT USED
5	HVAC UNIT (HV)
6	DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES – 16/A2.03
7	CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8	FOUNDATION VENT (SEE FOUNDATION PLAN)
9	FINISH FLOOR LINE
10	FLOOR BEAM (STR)
11	ROOF HEADER (STR)
12	TOP OF COLUMN
13	FINISH GRADE
14	ROOF BEAM (STR)
15	COLUMN (STR)
16	ELECTRICAL STUB-OUT (EL)
17	GROUND STUB-OUT (EL)
18	J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
19	GUTTER BOX (EL)
20	SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01
21	12"W X 24"H X 6"D GUTTER BOXES

NOTES

1. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" PROTECTION MUST BE PROVIDED

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

STANDARD – 5/8" PLYWOOD SIDING

OPTIONAL – 5/16" GROOVED FIBER CEMENT BOARD

OPTIONAL – 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM

OPTIONAL – EXTERIOR PLASTER OVER LATH

REVISED

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE DEC 19 2002

FILE PATH: 2440-A3.11.DWG

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C 2956
RENEW 9-30-
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4-1004

CHINO

CLASS LEASING

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
4012-124 12/05/2002 80 MPH

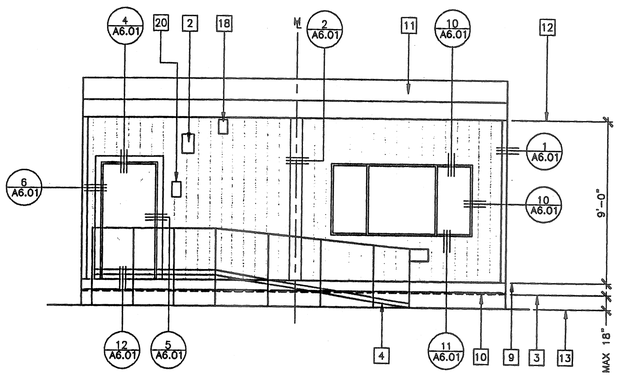
DRAWN BY: SW
DATE: 6/26/01
CHECKED BY:
DATE:

MODTECH Index No.

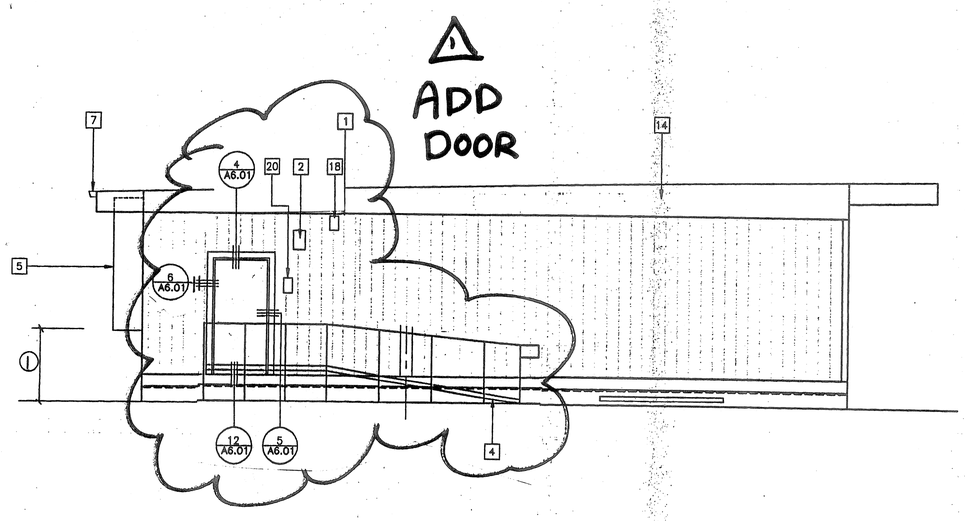
EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

A3.11C

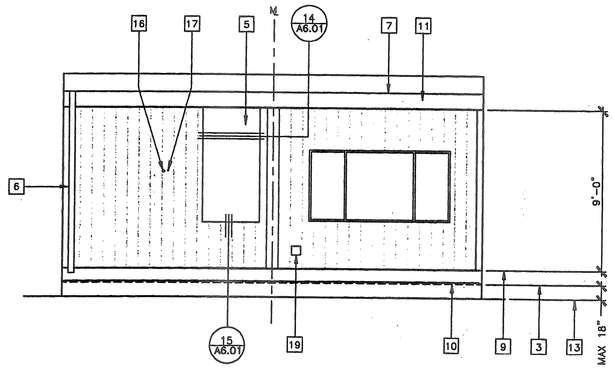
PC-04-101268 PROJECT NO.3883



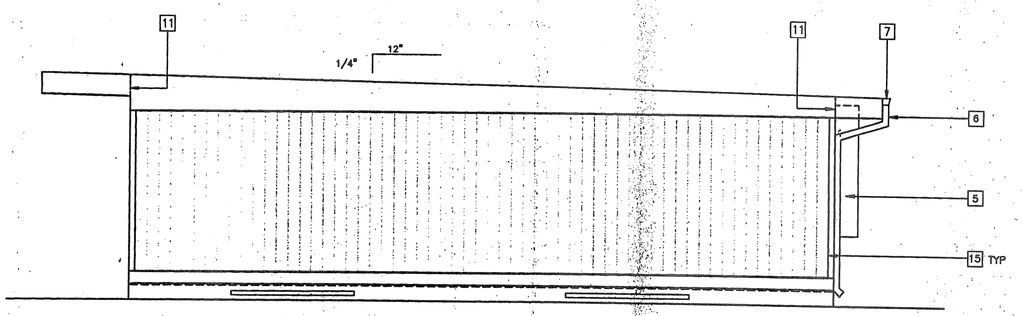
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

KEY NOTES

1. TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
2. EXTERIOR LIGHT FIXTURE (EL)
3. TOP OF SKIRTING
4. RAMP AND LANDING. – R1.01
5. HVAC UNIT (HV)
6. DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES – 16/A2.03
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8. FOUNDATION VENT (SEE FOUNDATION PLAN)
9. FINISH FLOOR LINE
10. FLOOR BEAM (STR)
11. ROOF HEADER (STR)
12. TOP OF COLUMN
13. FINISH GRADE
14. ROOF BEAM (STR)
15. COLUMN (STR)
16. ELECTRICAL STUB-OUT (EL)
17. GROUND STUB-OUT (EL)
18. J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
19. GUTTER BOX (EL)
20. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

NOTES

1. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" PROTECTION MUST BE PROVIDED

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

- STANDARD – 5/8" PLYWOOD SIDING
- OPTIONAL – 5/16" GROOVED FIBER CEMENT BOARD
- OPTIONAL – 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM
- OPTIONAL – EXTERIOR PLASTER OVER LATH

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 104812
APP'D FLS SS GK
DATE DEC 05 2002

FILE PATH: 2440-A3.11.DWG

PC
CBC 1998

EXTERIOR ELEVATIONS — 26 GA MONO PITCH (24'x40)
SCALE: 1/4" = 1'-0"

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC-04
101268
APP'D FLS SS GK
DATE DEC 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373-M, 4378-M, 4434, 4438, 4474

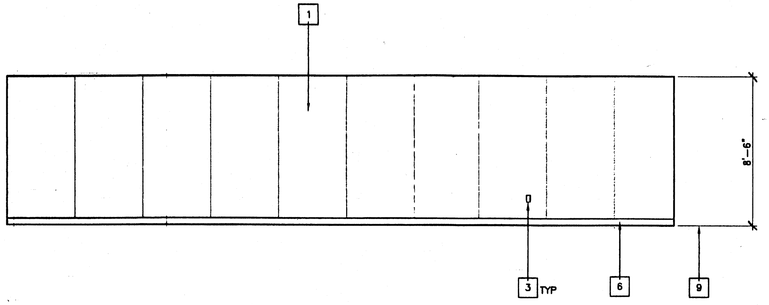
1- 24x40 CLASSROOM A#04-104812 STKP-67
#CL 2443 SERIAL # 59195-96 3/14/05
EDISON E.S.D. AT ORANGEWOOD ELEMENTARY

EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

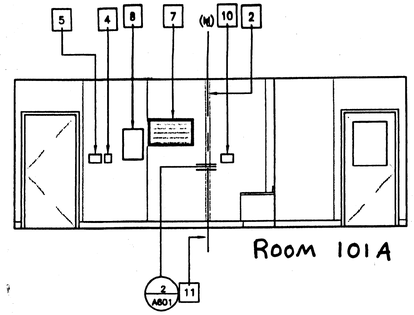
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

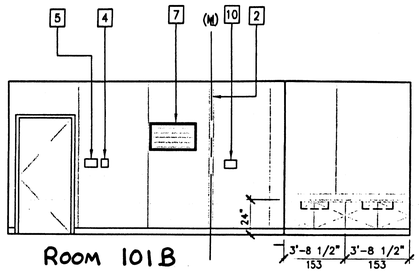
MODTECH Index No.
A3.11M

PROJECT NO. 4373
PC- 04-101268



1 LEFT ELEVATION





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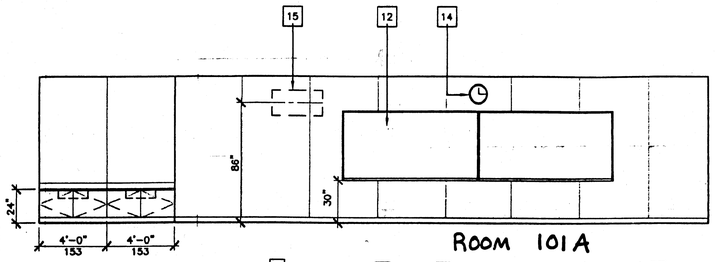
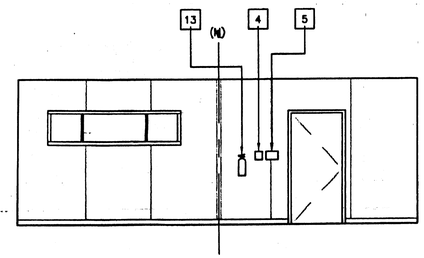
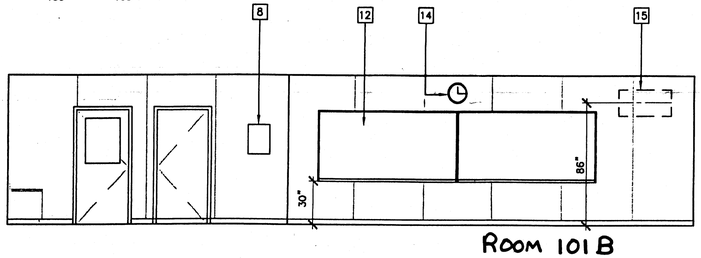
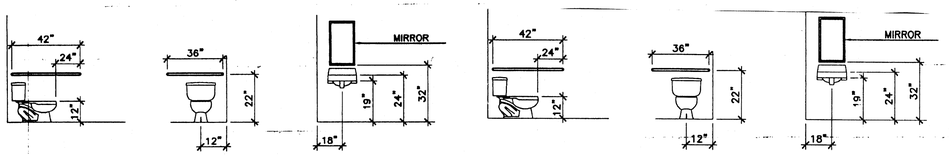






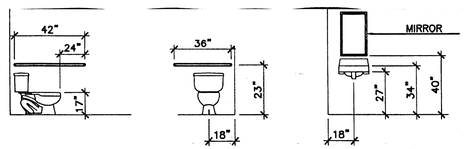
3 RIGHT SIDE ELEVATION

4 FRONT ELEVATION



RESTROOM ELEVATION
Room 102

RESTROOM ELEVATION - ROOM 103



RESTROOM ELEVATION -ROOM 104

INTERIOR ELEVATIONS "C" (24'x40')

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

KEY NOTES

1	TYPICAL INTERIOR FINISH (FIN)
2	CLOSURE AT MODULAR JOINT
3	DUPLEX WALL RECEPTACLE (EL)
4	J-BOX FOR FIRE ALARM PULL STATION (EL)
5	LIGHT SWITCH (EL)
6	BASE
7	RETURN AIR GRILL
8	ELECTRICAL PANEL (EL)
9	FINISH FLOOR LINE (FIN)
10	THERMOSTAT (HV)
11	MODULAR JOINT
12	8040 MARKBOARD. TYPICAL FOR (2)
13	FIRE EXTINGUISHER: 5 LBS DRY CHEMICAL WITH 2A-10BC UL RATING ON WALL MOUNTED BRACKET, HANDLE AT 48" AFF
14	ELECTRIC CLOCK (EL)
15	PROVIDE BLOCKING FOR FUTURE TV BRACKET

REVISED

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC. FLS SS
DATE DEC 1 9 2002

FILE PATH: 2440-A4.01.DWG

BASED ON PC04-101268

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C 2956
REN. 9-30-
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC. FLS SS
DATE

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4012-124
CHINO
CLASS LEASING

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
4012-124 12/05/2002 80 MPH

INTERIOR ELEVATIONS 24'x40'

DRAWN BY: SW
DATE: 6/26/01
CHECKED BY:
DATE:

MODTECH Index No.
A4.01 C

PROJECT NO.3883
PC- 04-101268

DOOR SCHEDULE 6

DOOR NUMBER	DOOR TYPE	QUANTITY	FRAME OPENING WIDTH	FRAME OPENING HEIGHT	DOOR MATERIAL	FIRE RATING	HARDWARE SET NO.	FRAME MATERIAL	JAMB THROAT	REMARKS
1	A	1	3'-0"	6'-8"	HM		1	HM	5-1/8"	

HM – HOLLOW METAL – PRESSED STEEL KD TYPE
AL – ALUMINUM
SST – STAINLESS STEEL
STL – STEEL FRAME. 16ga, FULLY WELDED, GALV AT EXTERIOR, REPUBLIC "ME" SERIES. PAINT TO MATCH TRIM
WWF – WINDOW WALL FRAME
SC – SOLID CORE WOOD
HC – HOLLOW CORE WOOD
SCL – SOLID CORE WOOD LEGACY

WINDOW SCHEDULE 3

WINDOW NUMBER	WINDOW TYPE	QUANTITY	FRAME OPENING WIDTH	FRAME OPENING HEIGHT	FINISH	REMARKS
A	1	1	8'-0"	4'-0"	ANODIZED	SEE NOTE #1

ROOM FINISH SCHEDULE 1

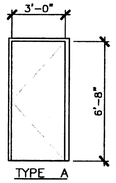
ROOM NUMBER	ROOM NAME	FINISHES FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	CEILING HEIGHT	REMARKS
	CLASSROOM	A	D	G	G	G	G	Q	8'-6"	

A – CARPET PER STATE OF CALIF SPEC COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN .
B – VINYL SHEET FLOORING
C – VCT. ARMSTRONG STANDARD OR EXCELON
D – TOP SET BASE – 4"
E – TOP SET BASE – 6"
F – SELF COVE BASE – 6"
G – 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING
H – 1/8" MARLITE OVER 1/2" GYP BOARD OR 3/8" MARLITE FLAME SPREAD CLASS 3
J – 1/2" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
K – 3/8" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
L – 1/2" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
M – 3/8" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
N – 3/32" FRP OVER 1/2" WR GYP BOARD
P – NO FINISH
Q – ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

FINISH NOTES

1. ALL FINISHES SHALL COMPLY WITH MODTECH'S SPECIFICATIONS AND WITH CBC CHAPTERS 3, 6, 7, 8 AND 10 AND CFC AND TITLE 19 CCR
2. PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4.1 PLYWOOD. OUTER PLYWOOD IS PLUGGED AND TOUCH SANDED, ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODULE JOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

DOOR ELEVATIONS 7

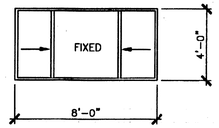


TYPE A

DOOR NOTES

1. DOOR HANDLES FOR LOCKSETS AND PANIC HARDWARE TO BE CENTERED AT 40" AFF & DEAD BOLTS AT 44" AFF. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
2. ALL DOORS SHALL BE 1 3/4" THICK UON DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
3. CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 8.5 LBS AT EXTERIOR DOORS AND 5.0 LBS AT INTERIOR DOORS.
4. PLACE SIGN OVER EXIT DOORS: "THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS"
5. SIGNAGE IS NOT IN MODTECH CONTRACT

WINDOW ELEVATIONS 4



TYPE 1

WINDOW NOTES

1. ANODIZED ALUMINUM, GLAZING, 7/32" MIN. TEMPERED GLASS OF SOLAR GRAY WITH A LIGHT TRANSMISSION FACTOR OF 46%, ALL OPERABLE SASH SHALL HAVE SCREENS.
2. OPTIONAL DUAL PANE.

HARDWARE SCHEDULE 8

HARDWARE SET #1 (EXTERIOR)
LOCKSET – SCHLAGE D70PD, RHODES LEVER, OR EQUAL
BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" NRP 26D OR EQUAL.
CLOSER – NORTON 8501 BFDP OR EQUAL.
THRESHOLD – PEMCO 271A OR EQUAL.
DOOR BOTTOM – PEMCO 216AV OR EQUAL.
WEATHER-STRIP – PEMCO 299AV OR EQUAL.

HARDWARE SET #2 (INTERIOR PASSAGE)
LOCKSET – SCHLAGE D10S WITH RHODES LEVER, OR EQUAL
BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" OR EQUAL.

HARDWARE SET #3 (INTERIOR/OFFICE LOCKABLE)
LOCKSET – SCHLAGE D53PD, WITH RHODES LEVER OR EQUAL
BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.

HARDWARE SET #4 (INTERIOR DOUBLE LOCKABLE)
LOCKSET – SCHLAGE D66PD, WITH RHODES LEVER OR EQUAL
BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.

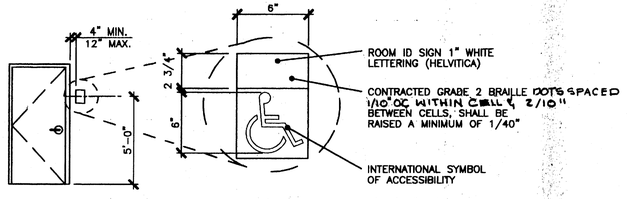
HARDWARE SET #5 (INTERIOR TOILET ROOM/PRIVACY)
LOCKSET – SCHLAGE D40S WITH RHODES LEVER OR EQUAL
BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.

HARDWARE SET #6 (INTERIOR STOREROOM)
LOCKSET – SCHLAGE D80PD WITH RHODES LEVER OR EQUAL
BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.

HARDWARE SET #7 (PANIC)
LOCKSET – VON DUPRIN 99L PANIC HARDWARE OR EQUAL
BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" NRP 26D OR EQUAL.
CLOSER – NORTON 8501 BFDP OR EQUAL.
THRESHOLD – PEMCO 271A OR EQUAL.
DOOR BOTTOM – PEMCO 216AV OR EQUAL.
WEATHER-STRIP – PEMCO 299AV OR EQUAL.

HARDWARE SET #8 (INTERIOR RATED)
LOCKSET – SCHLAGE D80PD WITH RHODES LEVER OR EQUAL
BUTTS – 1 1/2" PAIR HAGER BB1279 4 1/2"x4 1/2" 26D OR EQUAL.
CLOSER – NORTON 8501 BFDP OR EQUAL.
SMOKE SEAL – PEMCO S-88 3068 SMOKE SEAL OR EQUAL.

ACCESSIBILITY SIGNAGE (BY DISTRICT) 5

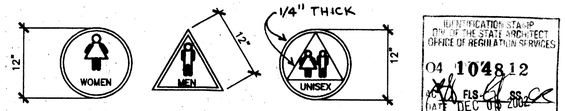


ENTRY DOOR FROM EXTERIOR VIEW

PC
CBC 1998

TOILET ROOM SIGNAGE (BY DISTRICT) 2

WALL-SIGNAGE (TYP)



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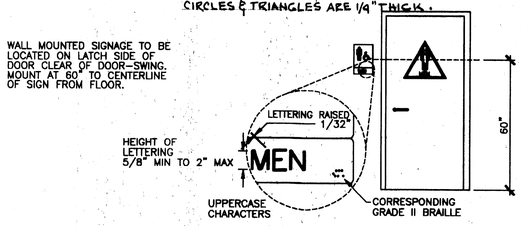
OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE DEC 09 2002

DOOR MOUNTED SIGNAGE (TYP)
NOTE: PICTOGRAMS AND/OR LETTERING ARE NOT REQUIRED ON DOOR-MOUNTED SIGNAGE. ALL CIRCLES & TRIANGLES ARE 1/4" THICK.



IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES
INTERNATIONAL SYMBOL OF ACCESS (WHEEL CHAIR SYMBOL) REQUIRED DOOR OR AT STRIKE SIDE ROOM IDENTIFICATION

FILE PATH: 2440-A5.01.DWG

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
JAMES T. SIMPSON
No. 3802
REGISTERED PROFESSIONAL ENGINEER
CIVIL
STATE OF CALIFORNIA
LICENSE EXPIRES 06/30/2003

Architects Seal
LICENSED ARCHITECT
GEORGE C. KOMPOSCH
No. C 2956
REN 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS CBC
DATE SEP 07 1999

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

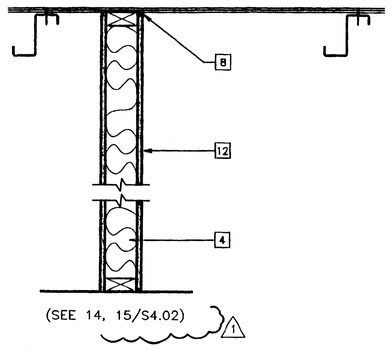
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

SCHEDULES

A5.01

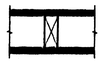
PROJECT NO. 4373
PC-04-101268



GA FILE No. WP 3510

GYPSUM WALL BOARD WOOD STUDS

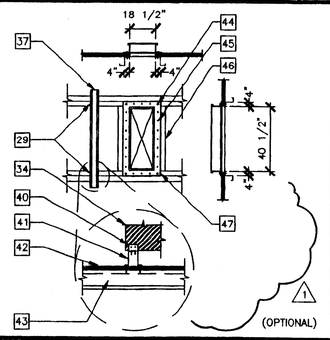
ONE LAYER 5/8" TYPE X GYPSUM WALL BOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2"x4" WOOD STUDS AT 24" OC WITH 6d COATED NAILS, 1 7/8" LONG, 0.0915 SHANK, 1/4" HEADS, 7" OC.
JOINTS STAGGERED 24" ON OPPOSITE ENDS (LOAD BEARING)



THICKNESS:	4 3/4"
APPROXIMATE WEIGHT:	7 PSF
FIRE TEST:	UL R3501-47,-48,9-17-65, DESIGN U309; UL R1319-129, 7-22-70, DESIGN U314
SOUND TEST:	NGC 2404, 10-14-70

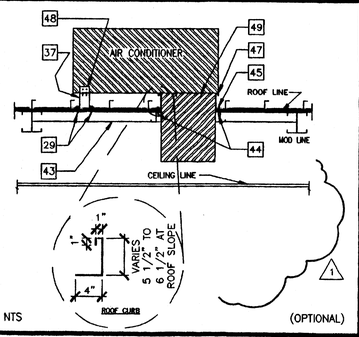
SCALE: 1 1/2"=1'-0" (OPTIONAL)

ONE HOUR INTERIOR FIRE WALL | 16



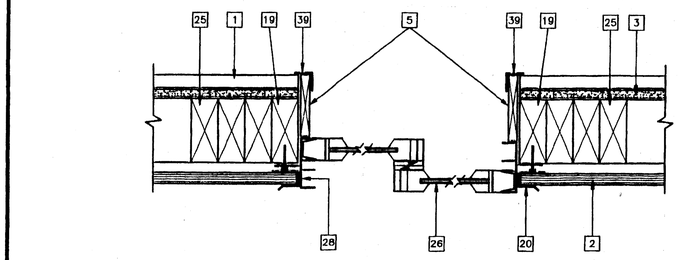
SCALE: NTS (OPTIONAL)

CURB ATTACHMENT ON METAL ROOFING | 18



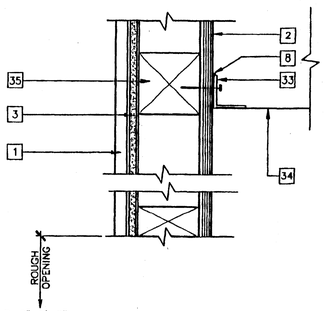
SCALE: NTS (OPTIONAL)

SECTION THRU AIR CONDITIONER | 19



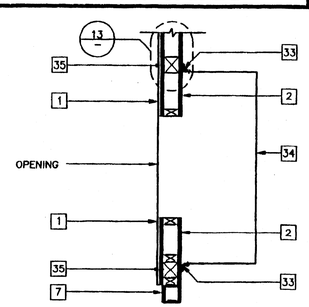
SCALE: 3"=1'-0"

WINDOWS SECTION AT JAMBS | 9



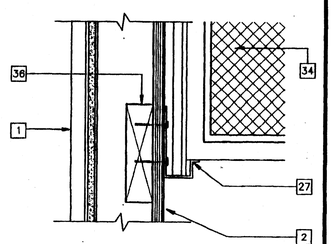
SCALE: 3"=1'-0"

HVAC MOUNT AT JAMBS | 13



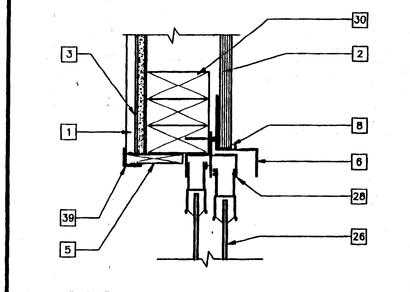
SCALE: NTS

HVAC UNIT (PLAN) | 14



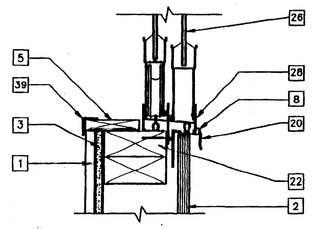
SCALE: 3"=1'-0"

SECTION THRU THRESHOLD | 19



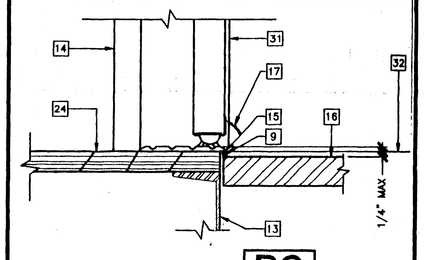
SCALE: 3"=1'-0"

WINDOW HEADER | 10



SCALE: 3"=1'-0"

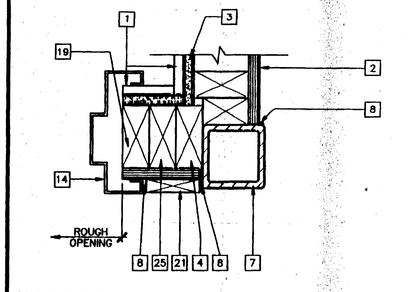
SILL PLATE | 11



PC
CBC 1998

SCALE: 3"=1'-0"

THRESHOLD | 12



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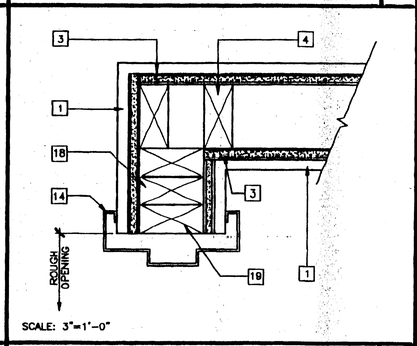
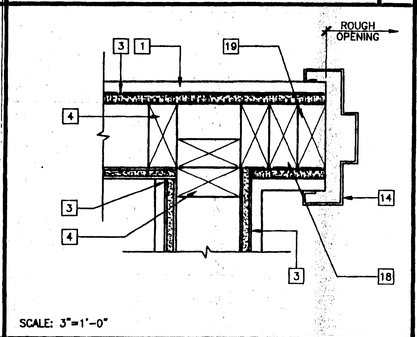
EXTERIOR DOOR JAMB | 6



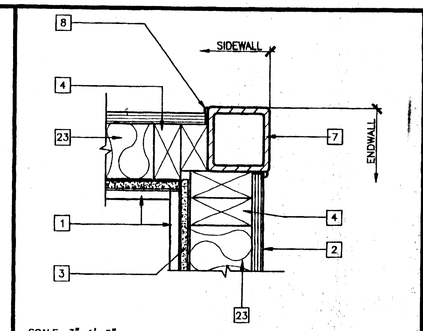
SCALE: 3"=1'-0"

INTERIOR DOOR JAMBS | 7



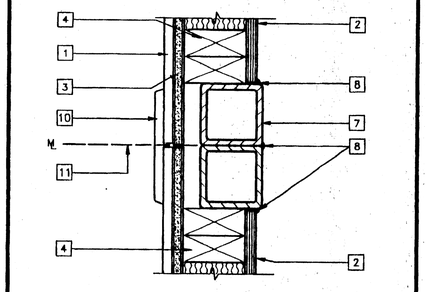
SCALE: 3"=1'-0"

INTERIOR DOOR JAMBS | 8



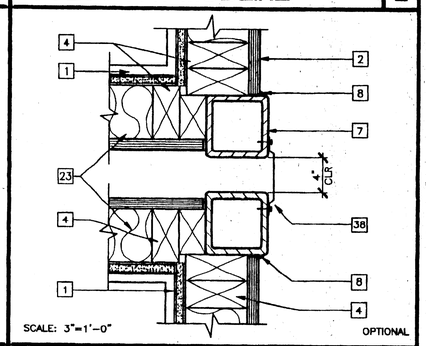
SCALE: 3"=1'-0"

COLUMN AT CORNER | 1



SCALE: 3"=1'-0"

COLUMN AT MODLINE | 2



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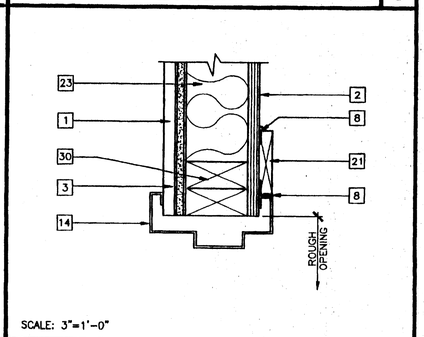
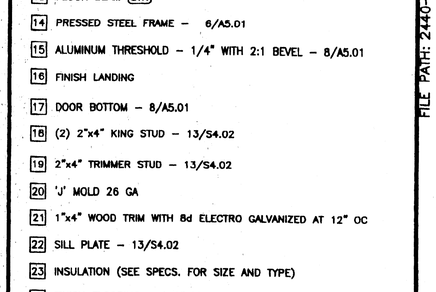
CLOSURE BETWEEN BUILDINGS | 3



SCALE: 3"=1'-0"

EXTERIOR DOOR HEADER | 4



SCALE: 3"=1'-0"

KEY NOTES

1. TYPICAL INTERIOR FINISH (FIN) – 1/A5.01
2. TYPICAL EXTERIOR FINISH (SEE EXTERIOR ELEVATIONS)
3. 1/2" GYPSUM BOARD BACKING WITH 7d COOLER NAILS AT MAX 7" OC TYPICAL AT EACH STUD
4. 2"x4" STUD TYPICAL
5. INTERIOR WOOD TRIM.
6. DRIP FLASH 26 GA
7. TUBE STEEL COLUMN (STR)
8. SEALANT TYPICAL (SEE SPECS.)
9. CAULKING
10. CLOSURE
11. MODULE JOINT
12. 5/8" TYPE X GYPSUM BOARD
13. FLOOR BEAM (STR)
14. PRESSED STEEL FRAME – 6/A5.01
15. ALUMINUM THRESHOLD – 1/4" WITH 2:1 BEVEL – 8/A5.01
16. FINISH LANDING
17. DOOR BOTTOM – 8/A5.01
18. (2) 2"x4" KING STUD – 13/S4.02
19. 2"x4" TRIMMER STUD – 13/S4.02
20. 'J' MOLD 26 GA
21. 1"x4" WOOD TRIM WITH 8d ELECTRO GALVANIZED AT 12" OC
22. SILL PLATE – 13/S4.02
23. INSULATION (SEE SPECS. FOR SIZE AND TYPE)
24. FINISH FLOORING – 1/A5.01
25. 2"x4" FULL HEIGHT JAMB STUDS – 13/S4.02
26. WINDOW GLAZING – 3/A5.01
27. HVAC UNIT BOTTOM SEAT 12 GAx24" LONG WITH (6) 3/8" DIAx2" LAG BOLTS
28. ALUMINUM NAIL ON WINDOW FRAME. INSTALL WITH 8d BOX ELECTRO GALVANIZED NAILS AT 24" OC MAXIMUM WITH MINIMUM 3" BUILDING PAPER BETWEEN FRAME AND WALL.
29. #14 x2" SMS INTO PURLIN (TYP 4 PLACES) 1
30. HEADER – 13/S4.02
31. DOOR – 6/A5.01
32. FINISHED FLOOR LINE
33. HVAC SIDE BRACKET (FURNISHED WITH UNIT) ATTACH TO WALL WITH 3/4"x2" LAG SCREWS
34. HVAC UNIT (HV)
35. 4"x4" POST OR ALTERNATE – (2) 2"x4" FULL HEIGHT STUDS WITH 1/2" PLYWOOD SPACER STITCH NAILED WITH 16d AT 12" OC STAGGERED
36. 2"x6" LET-IN – S4.01
37. 18 GA GALVANIZED IRON HAT 1
38. CLOSURE SCREEN
39. CORNER MOLDING
40. 18 GA x2" WIDE ANGLE WITH 2–#10 SMS EACH LEG 1
41. 18 GA x2" WIDE 5 1/2" DEEP 5' LONG RUNNER
42. 3/4" PLYWOOD SHEATHING
43. 14 GA x2" ROOF PURLIN AT 48" OC
44. #14 x2" SMS THRU ROOF CURBS INTO PURLIN (TYP 4 PLACES)
45. #8x3/4" SMS AT 5" OC MIN
46. ROOF PURLIN
47. 24 GA ROOF CURB SECRE TO ROOF
48. 18 GA x2" W/ANGLES SECURE TO A/C UNIT W/2 #10 SMS SECURE TO UNIT W/1 #14 SMS (TYP 2 PLACES)
49. #10 x3/4" SMS (TYP 4 PLACES)

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC-04 101268
AC. FLS SS
DATE DEC 05 2002

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 104812
AC. FLS SS
DATE DEC 05 2002

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2			
3			
4			
5			

REVISED OCT 02 2000

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — REGISTERED PROFESSIONAL ENGINEER — JAMES T. SIMPSON — No. 31127 — EXPIRATION 9-30-2000

Architect's Seal — LICENSED ARCHITECT — GEORGE C. EDWARDS — No. C-8256 — REN. 9-30-2001 — STATE OF CALIFORNIA

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124
MODTECH Index No.

ARCHITECTURAL DETAILS WOOD STUDS

A6.01

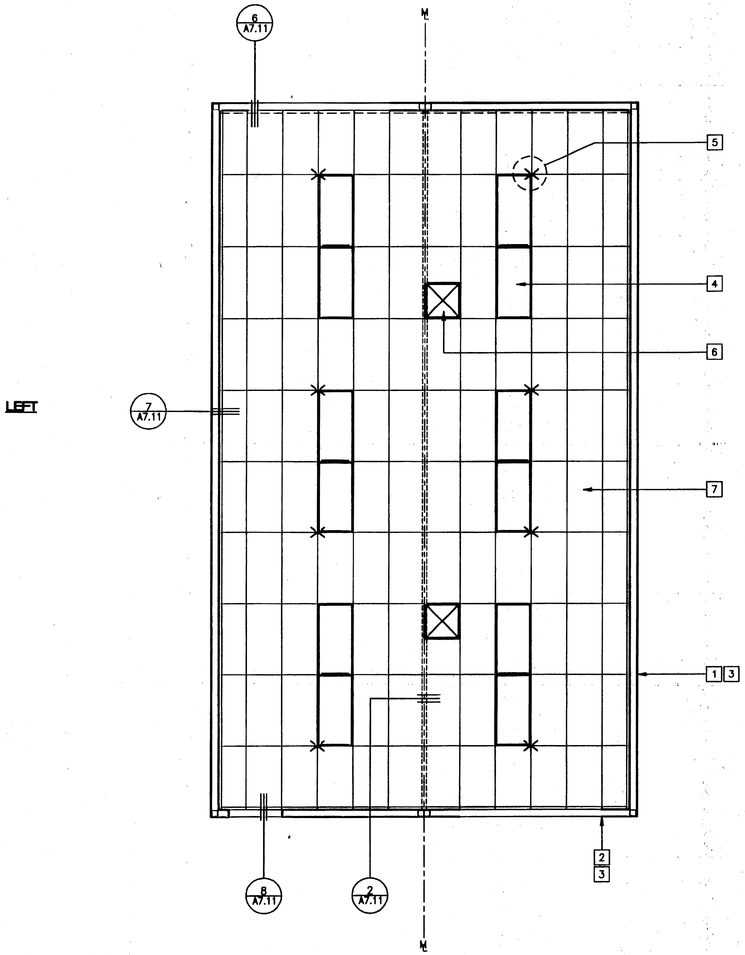
PROJECT NO. 4373
PC-04-101268
FILE PATH: 2440-A6.01.DWG

REAR

LEFT

RIGHT

FRONT



KEY NOTES

1. MAIN RUNNERS AT 4'-0" OC WITH 12 GA HANGER WIRES AT END OF EACH RUNNER
2. CROSS TEE AT 2'-0" OC
3.

T-BAR PART NUMBERS			
	ARMSTRONG PA-041	CHICAGO METALLIC IR-47	USG IR-47
RUNNER MAIN	7301	200	DS 26
4' CROSS TEE	7342	1210	DX 422
2' CROSS TEE	7328	1226	DX 216
WALL ANGLE	7800	1420-01	M-7

4. LIGHT FIXTURE, RECESSED, 2'x4' TYPICAL – 11/A7.11
5. 4 WAY SPLAY AT LOCATIONS INDICATED, WIRES TAUT BUT NOT TO DISTORT GRID – 1/A7.11
6. HVAC SUPPLY REGISTER, 2'x2' TYPICAL – 12/A7.11
7. CEILING PANELS: 2'x4' LAY-IN PANELS, ASTM FLAME SPREAD CLASS 1 (0-25). SMOKE DEVELOPMENT DENSITY LESS THAN 450 TYPICAL

NOTES

1. AT THE END OF ROWS OF RUNNERS A 12 GA HANGER WIRE SHALL BE ATTACHED WITHIN 8" OF WALL OR SOFFIT.
2. VERTICAL WIRES MORE THAN 1-IN-6 OUT OF PLUMB SHALL HAVE COUNTER BRACING WIRES.
3. RUNNERS MAY BE ATTACHED TO WALLS OR MOLD AT (2) ADJACENT WALLS – OTHER WALLS NO ATTACHMENT. CLEARANCE OF 1/2" BETWEEN END OF RUNNERS AND FACE OF WALL
4. DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES.

IDENTIFICATION STAMP
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04 1048 12
AC – FLS BS CK
DATE DEC 05 2002

LEGEND

T & T BAR CEILING

2'X 4' ELEC. FIXTURE RECESSED

SUPPLY AIR DIFFUSER

SPLAY WIRE

INDICATES FIXED SIDE 7/A7.11

INDICATES FREE SIDE 6/A7.11

REFLECTED CEILING PLAN (24'x40')

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

PC

CBC 1998

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

JAMES T. SIMPSON, REGISTERED PROFESSIONAL ENGINEER, No. 16328, CIVIL, STATE OF CALIFORNIA
LICENSE EXPIRES 12-31-2002

Architects Seal

GEORGE C. EDWARDS, LICENSED ARCHITECT, C 2956, REN. 9-30-03, STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC – FLS BS CK
DATE SEP 17 2003

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373

COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

REFLECTED CEILING PLAN 24'x40'

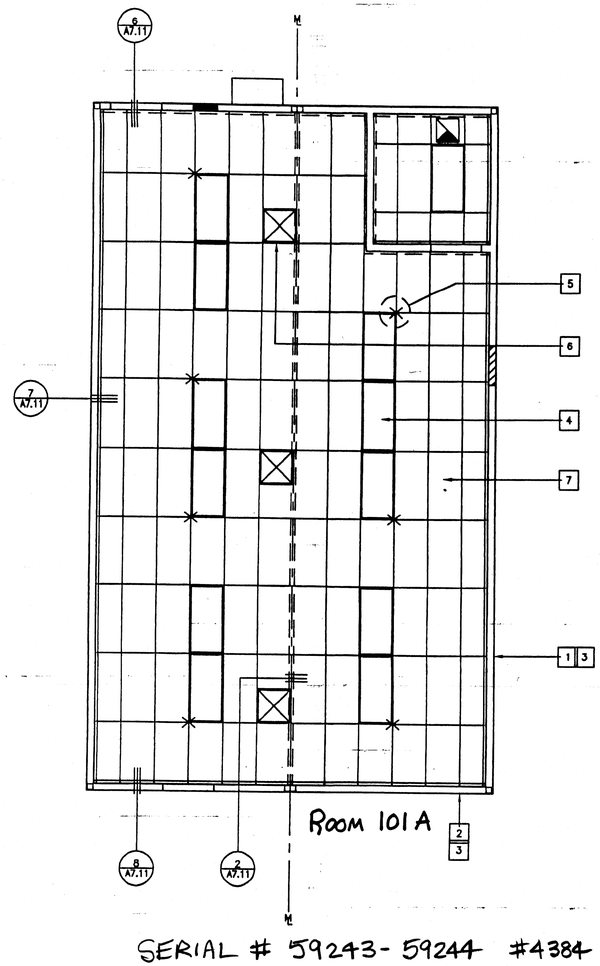
A7.01

PROJECT NO. 4373

PC-04-101268

FILE PATH: 2440-A7.01.DWG

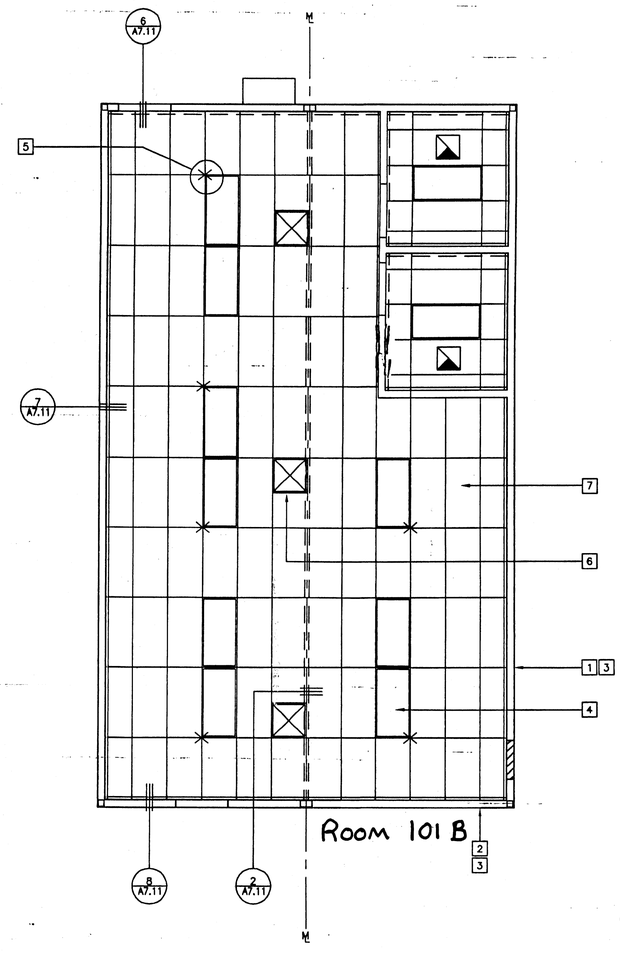
REAR



SERIAL # 59243-59244 #4384

FRONT

REAR



FRONT

RIGHT

KEY NOTES

1. MAIN RUNNERS AT 4'-0" OC WITH 12 GA HANGER WIRES AT END OF EACH RUNNER
2. CROSS TEE AT 2'-0" OC
3.

T-BAR PART NUMBERS			
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LEGEND

- T & T BAR CEILING
- 2'X 4' ELEC. FIXTURE RECESSED
- SUPPLY AIR DIFFUSER
- SPLAY WIRE
- INDICATES FIXED SIDE 7/A7.11
- INDICATES FREE SIDE 6/A7.11
- EXHAUST FAN

REVISED

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OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE DEC 19 2002

REFLECTED CEILING PLAN (24'x40')

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

BASED ON PC04-101268

FILE PATH: 2440-A7.01.DWG

REVISIONS			
1	DD	CO-1 - ADD ROOM 103, MOVE SINKS, ETC	07-13-01
2			
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal: LICENSED ARCHITECT * GEORGE C. SOUTHCOMBE * No. C 2956 * STATE OF CALIFORNIA * REN. 9-30-

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4384
CHINO
CLASS LEASING

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
4012-124 12/05/2002 80 MPH

DRAWN BY: SW
DATE: 6/26/01
CHECKED BY:
DATE:

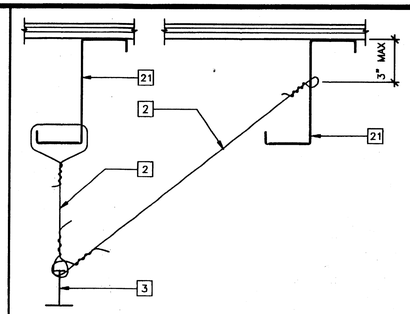
REFLECTED CEILING PLAN 24'x40'

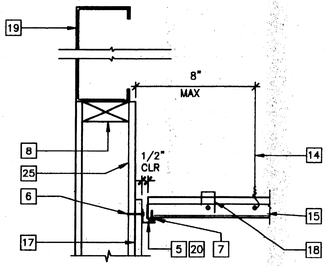
MODTECH Index No. A7.01c

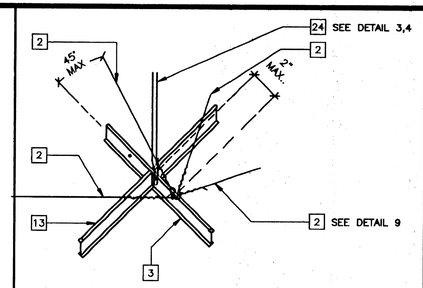
PROJECT NO.3883

PC- 04-101268

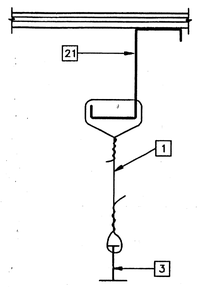
.	17	.	13	SPLAY BRACING WIRE	9	TYPICAL FREE SIDE	5
.	18	.	14	HANGER WIRE DETAIL	10	ALTERNATE FREE SIDE	6
.	19	.	15	LIGHT FIXTURE MOUNTING	11	TYPICAL FIXED SIDE	7
.	20	.	16	HVAC REGISTER MOUNTING	12	ALTERNATE FIXED SIDE	8

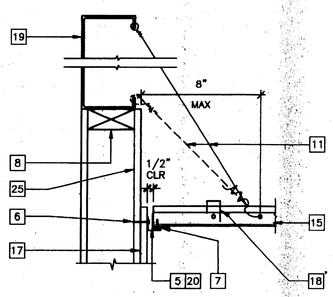


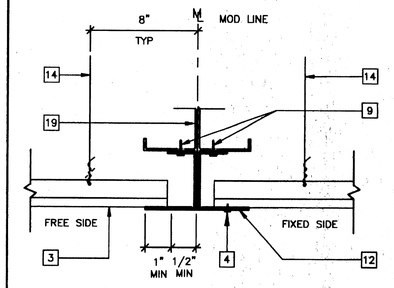




SIESMIC SPLAY - 4 WAY 1



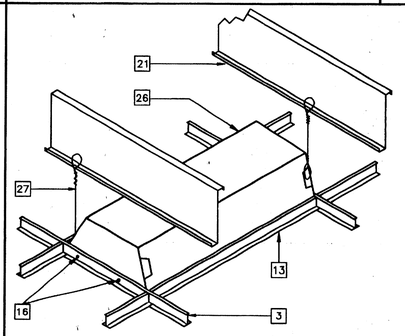


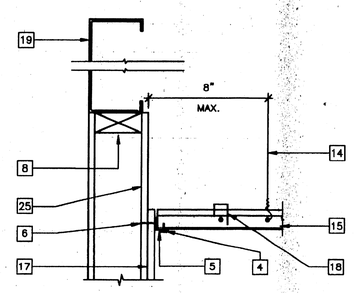


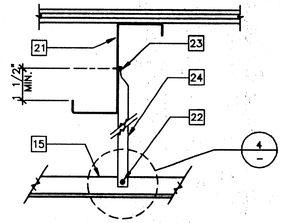
SCALE: 3"=1'

NOTE: FREE SIDE TO FIXED SIDE SHOWN
FREE SIDE TO FREE SIDE SIMILAR

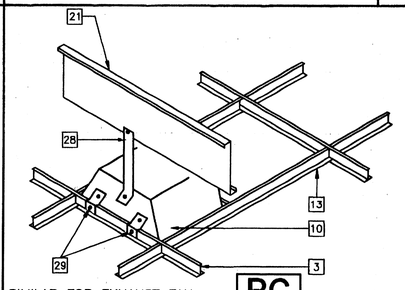
GRID AT MODLINE 2







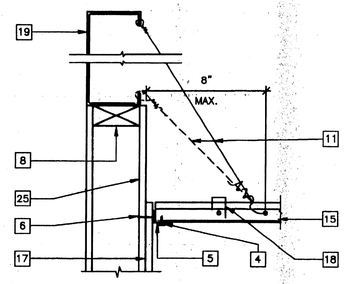
NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR DEPENDING UPON CONDITION & LOCATION

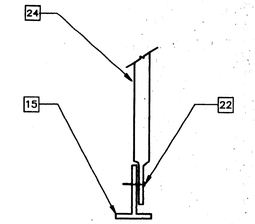


SIMILAR FOR EXHAUST FAN

PC

CBC 1998





NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR, DEPENDING UPON CONDITION & LOCATION

KEY NOTES

1. HANGER WIRE AT 4'-0" OC IN PUNCHED OR DRILLED HOLE
2. SPLAY BRACE WIRE TO RUN IN SAME PLANE AS RUNNERS AT MAX 45° FROM CEILING PLANE – SEE NOTE ONE BELOW
3. MAIN RUNNER
4. 1/8" DIA POP RIVET TO EACH T-BAR
5. WALL ANGLE
6. 6d NAIL AT 16" OC AT WALL STUDS (WOOD STUDS) #8 STSMS AT 16" OC AT WALL STUDS (STEEL STUDS)
7. ANGLE WITH 1/8" DIA POP RIVET TO EACH T-BAR, NO CONNECTION TO WALL ANGLE
8. TOP PLATE
9. #10 STSMS AT 4' OC
10. HVAC REGISTER, 2'x2' TYPICAL
11. HANGER TO TOP LIP OF ROOF BEAM WHERE NO PURLIN ABOVE MAX SLOPE 1" IN 6", ALTERNATE: CONNECT TO BOTTOM LIP (DASHED) WHERE THERE IS INTERFERENCE WITH DUCTWORK
12. 26 GA CEILING MOUNT X 2" ⌐
13. CROSS TEE
14. HANGER WIRE AT THE END ON EACH RUNNER TO PURLIN MAX DISTANCE FROM WALL 8" OR 1/4 LENGTH OF END TEE RUNNER, WHICHEVER IS LESS, SEE 10/A7.11
15. MAIN RUNNERS OR CROSS TEES
16. #8 STSMS, (2) AT EACH END
17. FINISH WALL
18. HORIZONTAL STRUTS SHALL RUN CONTINUOUS AT ALL PERIMETERS, NOT POP RIVETED TO THE WALL ANGLE ARMSTRONG #7425 OR #7445 WITH SPRING STEEL SNAP TO RUNNER PER IR 47-4
19. ROOF BEAM
20. NO POP RIVETS
21. ROOF PURLIN
22. CRIMP CONDUIT AND ATTACH TO T-BAR GRID WITH (1) #8 TEKSCREW
23. CRIMP CONDUIT AND ATTACH TO PURLIN WITH (1) #8 TEKSCREW
24. 3/4" EMT CONDUIT
25. EXTEND GYP BOARD TO TOP PLATE FOR FIRE BLOCK
26. RECESSED LIGHT FIXTURE
27. SLACK WIRES, TOTAL OF (2) LOCATED AT OPPOSITE CORNERS OF FIXTURE OR REGISTER
28. (2) 26 GA STRAPS, FASTEN WITH #8 STSMS (1) TO REGISTER AND (1) TO ROOF PURLIN OR ROOF BEAM
29. 24 GA REGISTER CLIP, FASTEN WITH #8 STSMS (1) TO CEILING GRID AND (1) TO REGISTER, (2) CLIPS AT EACH END

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04 1048 12
FLS SS
DATE DEC 05 2002

NOTES

1. ALL HANGER, SPLAY BRACE & SLACK WIRES SHALL BE 12 GA WITH MIN 4 TIGHT TURNS WITHIN 1 1/2" MAX OF EACH END

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — LICENSED PROFESSIONAL ENGINEER — ROBERT T. SIMPSON — No. 3862 — Exp. 6-30-2000 — LICENSE EXPIRES 2000

Architects Seal — LICENSED ARCHITECT — GEORGE C. SOUTHWORTH — No. C-2956 — EXP. 9-30-03 — STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-129

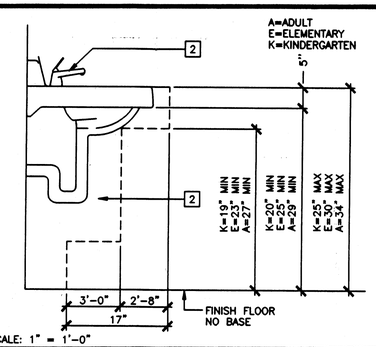
MODTECH Index No.

REFLECTED CEILING DETAILS

A7.11

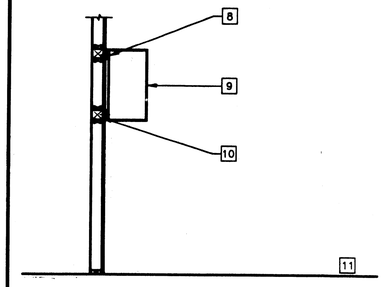
PC-04-101268 PROJECT NO. 4373

FILE PATH: 2440-A7.11.DWG



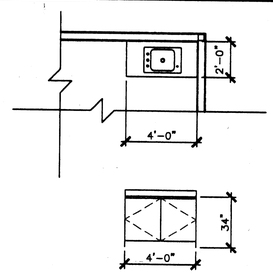
SCALE: 1" = 1'-0"

ACCESSIBLE LAV CLEARANCE | 12



SCALE: NTS (OPTIONAL)

WALL HUNG CABINET ANCHORAGE | 8



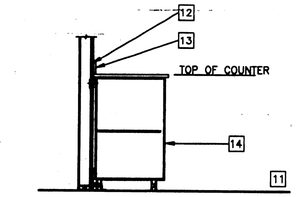
WIC 142
ACCESSIBLE

(OPTIONAL)

TYPICAL SINK CABINET PLAN AND ELEVATION | 4

KEY NOTES

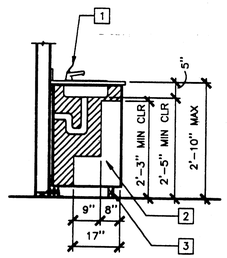
1	FAUCET MECHANISM SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. MAX OPERATING FORCE REQUIRED: 5lbs.
2	ACCESSIBLE CLEAR AREA (NO SHARP OR ABRASIVE EDGES)
3	REMOVABLE TOEKICK
4	SILL PLATE
5	GRADE
6	SOV
7	BY OTHERS
8	#12 WOOD SCREWS MIN. 12" OC MIN 2 1/2" INTO 3x4 BLOCKING 2 SCREWS PER CABINET AT EACH BACKING LOCATIONS TYPICAL
9	WALL HUNG CASEWORK
10	ANCHORAGE: 3x4 BLOCKING WITH PAIR OF SIMPSON A35 FRAMING CLIPS EACH END OF EACH BLOCK VERIFY VERTICAL SPACING
11	FINISH GRADE
12	4"x22 GA CONTINUOUS METAL STRAPS WITH #14 STSMS AT 24" OC
13	BACK SPLASH
14	BASE CABINET
15	TALL CASEWORK
16	TOP SET BASE
17	SIGNAGE BY DISTRICT PRIOR TO OCCUPANCY.



NOTES:
1. SEE PLANS AND ELEVATIONS FOR EACH SPECIFIC DESIGN.
2. REMOVE TOE KICK AND BASE FOR ACCESSIBLE CONDITION

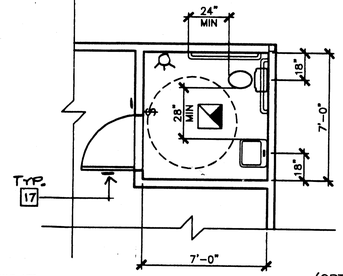
SCALE: NTS (OPTIONAL)

BASE CABINET ANCHORAGE | 9



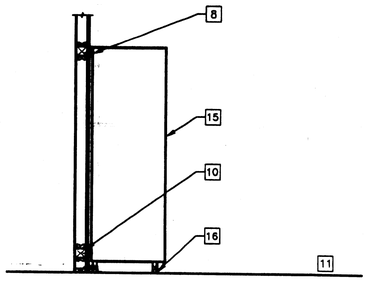
SCALE: NTS

SINK ACCESSIBILTY | 5



SCALE: NTS (OPTIONAL)

TYPICAL TOILET ROOM PLAN | 1



SCALE: NTS (OPTIONAL)

TALL CABINET ANCHORAGE | 10

RECESSED OR SEMI RECESSED

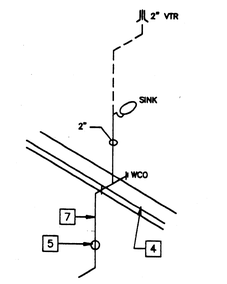
	A	E	K
TOILET CENTER FROM WALL	18"	15"*	12"*
TOILET SEAT HEIGHT	17"-19"	15"	10"-12"
GRAB BAR HEIGHT (SIDE)	33"	27"	20"-22"
TOILET PAPER IN FRONT OF TOILET	12" MAX	6" MAX*	6" MAX*
NAPKIN DISPOSAL IN FRONT OF TOILET	12" MAX	12" MAX	N/A
DISPENSER OR MIRROR HEIGHT	40" MAX	36" MAX	32" MAX
LAVATORY/SINK TOP HEIGHT	34" MAX	29" MAX	24" MAX
LAVATORY/SINK KNEE HEIGHT	27" MAX	24" MAX	19" MAX
SINK DEPTH	7" MAX	5" MAX	5" MAX
URINAL LIP HEIGHT	17" MAX	15" MAX	13" MAX
URINAL FLUSH HANDLE HEIGHT	44" MAX	37" MAX	32" MAX
DRINKING FOUNTAIN BUBBLER HEIGHT	36" MAX	32" MAX	30" MAX
DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN	24' MIN	22" MIN
BUBBLER HEIGHT	2"	3"	6"
RAMP/STAIR HANDRAIL HEIGHT	34"-38"	27"	22"

A = ADULT DIMENSIONS (AGE 12 AND OVER)
E = ELEMENTARY DIMENSIONS
K = KINDERGARTEN AND PRE-SCHOOL DIMENSIONS
* = DEVIATES FROM CODE REQUIREMENTS AND REQUIRES A WRITTEN FINDING OF UNREASONABLE HARDSHIP

NOTE: DIMENSIONS FROM 1998 CBC TABLE 1115B-1

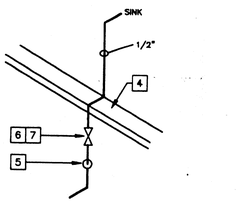
ACCESSIBILITY | 11

PC
CBC 1998



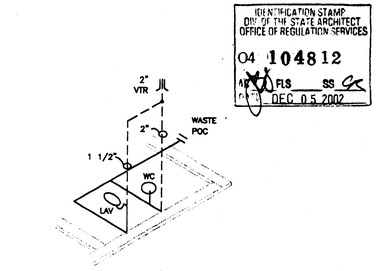
SCALE: NTS PIPE SHALL BE TYPE ABS

SINK CABINET WASTE | 6



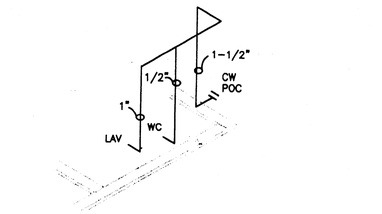
SCALE: NTS PIPE SHALL BE TYPE 'L' COPPER

SINK CABINET COLD WATER SUPPLY | 7



SCALE: NTS PIPE SHALL BE TYPE ABS

TOILET ROOM WASTE | 2



SCALE: NTS PIPE SHALL BE TYPE 'L' COPPER

TOILET ROOM COLD WATER SUPPLY | 3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AP FLS SS GK
PL DEC 05 2002

FILE PATH: 2440-A8.01.DWG

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSE EXPIRES 6-30-2002

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC GK
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

DRAWN BY:
DATE:
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

MISCELLANEOUS OPTIONS

A8.01

PROJECT NO. PC-04-101268

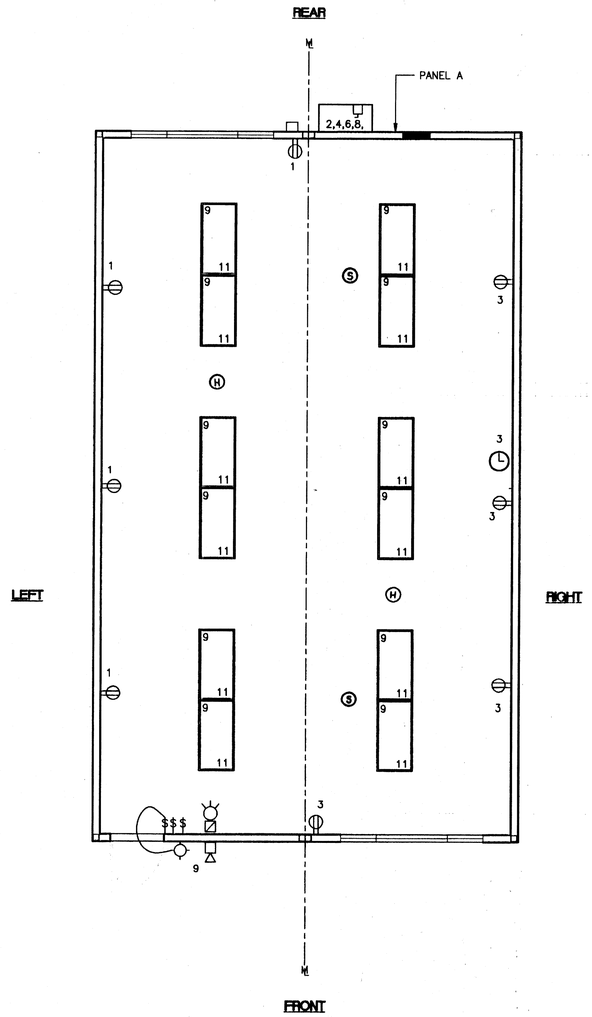
ELECTRICAL PANEL SCHEDULE

MAIN: 100 AMP 12 POLE | PANEL: A | LOCATION: REAR/INTERIOR | FEED: REAR | MOUNTING: FLUSH

LOAD		WATTS Aø	WATTS Bø	BREAKER Amps	BREAKER P	CKT	A	B	CKT	BREAKER P	BREAKER Amps	WATTS Aø	WATTS Bø	LOAD
RECEPTACLE	(4)	720		20	1	1			2	2	50	3360		HVAC (3 1/2T)
RECEPTACLE/CLOCK	(5)		720	20	1	3			4	–	–		3360	HVAC (3 1/2T)
						5			6	2	30	2500		HEAT STRIPS (5KW)
						7			8	–	–		2500	HEAT STRIPS (5KW)
INT/EXT LIGHTS	(13)	900		20	1	9			10					
INT. LIGHTS	(12)		840	20	1	11			12	–	–		40	FIRE ALARM (DEDICATED)
WATTS/PHASE	A = 7480	1620	1560									5860	5900	B = 7460 WATTS/PHASE

TOTAL 15385 WATTS | 65 AMPS | 120/240 VOLTS | SINGLE ø | THREE WIRE

NCL = 13160 WATTS

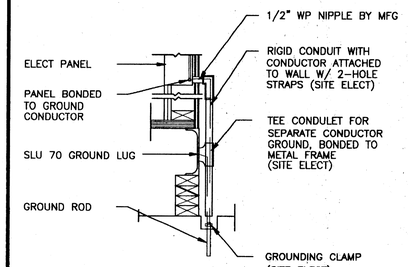


ELECTRICAL PLAN (24'x40')

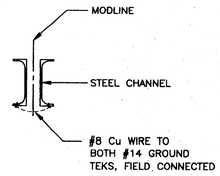
SCALE: 1/4" = 1'-0"

GENERAL GROUNDING NOTES

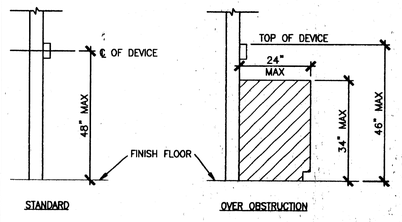
1. EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL)
2. TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
3. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
4. GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.



TYP GROUNDING DETAIL | 1



GROUND JUMPER AT MOD LINE | 2



DEVICE MOUNTING | 3

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +93" AFF
- $ SWITCH AT +48" AFF
- $3 3WAY SWITCH AT +48" AFF UON
- DUPLEX WALL RECEPTACLE 15A 125V 3-WIRE AT +18" AFF UON
- HVAC UNIT (HV)
- 4SD J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, TO ℄ 3/4" CO TO ○ OR □ . PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE AT +80" AFF 3/4" CO TO ◁□ PULLSTRING
- 4SD J-BOX FOR FIRE ALARM HORN AT +96" AFF 3/4" CO TO □ . PULLSTRING
- WEATHER PROOF GUTTER BOX (6"x6"x4") AT +18" AFF RECEIVE 3/4" CO FROM FA DEVICE, PULLSTRING
- ELECTRICAL PANEL AT +60" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- CLOCK AT +90" AFF
- (H) **4SD J BOX FOR HEAT DETECTOR (ATTIC) ***
- (S) **4SD J BOX FOR SMOKE DETECTOR (ATTIC) ***

NOTES

1. SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO CCR TITLE 24, SECTION 1632A AND TABLE 16A-O. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS & HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS MAY BE OMITTED FROM THE PLANS.

[redacted] A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

* 2. SMOKE AND HEAT DETECTORS SHOWN ARE FOR OPTIONAL AUTOMATIC DETECTION. IF ELECTED AS AN OPTION MODTECH WILL PROVIDE 4SD BOXES AND 3/4" CO MOUNTED ON UNDERSIDE OF ROOF PURLINS. DEVICES PROVIDED AND INSTALLED BY OTHERS

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 104812 FLS SS OK DATE DEC 09 2002

CBC 1998

FILE PATH: 2440-E1.01.DWG

PROJECT NO. 4373

PC-04-101268

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal | Mechanical Engineer's Seal | Structural Engineer's Seal | Architects Seal

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC DATE SEP 11 2002

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, 4438 4474, 4505, 4525

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

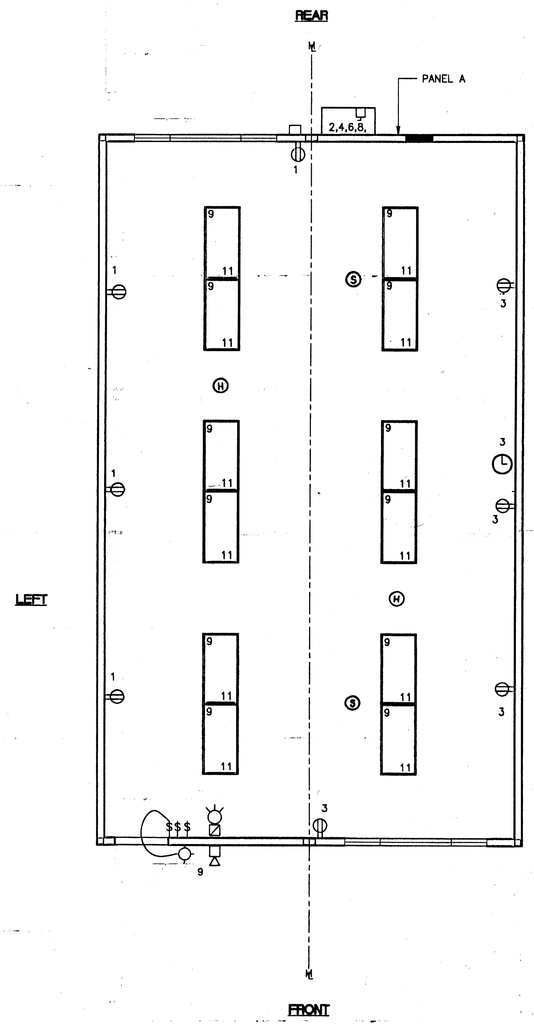
ELECTRICAL PLAN 24'x40'

E1.01

ELECTRICAL PANEL SCHEDULE

MAIN: 100 AMP 12 POLE | PANEL: A | LOCATION: REAR/INTERIOR | FEED: REAR | MOUNTING: FLUSH

LOAD	WATTS A#	WATTS B#	BREAKER Amps	BREAKER P	CKT	A	B	CKT	BREAKER P	BREAKER Amps	WATTS A#	WATTS B#	LOAD
RECEPTACLE (4)	720		20	1	1			2	2	50	3360		HVAC (3 1/2T)
RECEPTACLE/CLOCK (5)		720	20	1	3			4	–	–		3360	HVAC (3 1/2T)
					5			6	2	30	2500		HEAT STRIPS (5KW)
					7			8	–	–		2500	HEAT STRIPS (5KW)
INT/EXT LIGHTS (13)	900		20	1	9			10					
INT. LIGHTS (12)		840	20	1	11			12	–	–		40	FIRE ALARM (DEDICATED)
WATTS/PHASE A = 7480	1620	1560									5860	5900	B = 7460 WATTS/PHASE
TOTAL 15385 WATTS	65 AMPS				120/240 VOLTS			SINGLE ø			THREE WIRE		
NCL = 13160 WATTS													



ELECTRICAL PLAN (24'x40')

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

GENERAL GROUNDING NOTES

1. EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL)
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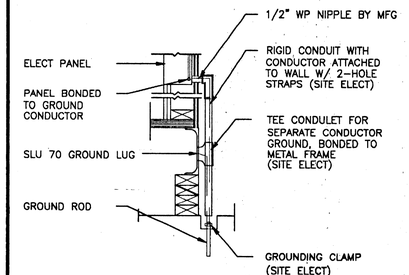
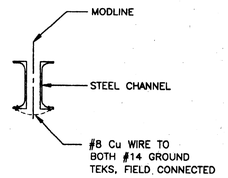
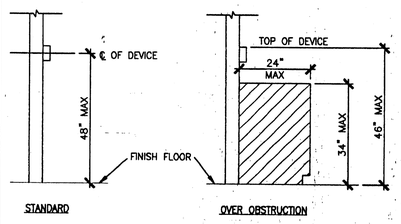
4. GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.



TYP GROUNDING DETAIL 1



GROUND JUMPER AT MOD LINE 2



DEVICE MOUNTING 3

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +93" AFF
- $ SWITCH AT +48" AFF
- $3 3WAY SWITCH AT +48" AFF UON
- DUPLEX WALL RECEPTACLE 15A 125V 3-WIRE AT +18" AFF UON
- HVAC UNIT (HV)
- 4SD J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, TO ℄ 3/4" CO TO OR . PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE AT +80" AFF 3/4" CO TO PULLSTRING
- 4SD J-BOX FOR FIRE ALARM HORN AT +96" AFF 3/4" CO TO . PULLSTRING
- WEATHER PROOF GUTTER BOX (6"x6"x4") AT +18" AFF RECEIVE 3/4" CO FROM FA DEVICE, PULLSTRING
- ELECTRICAL PANEL AT +60" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- CLOCK AT +90" AFF
- (H) **4SD J BOX FOR HEAT DETECTOR (ATTIC) ***
- (S) **4SD J BOX FOR SMOKE DETECTOR (ATTIC) ***

NOTES

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THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO CCR TITLE 24, SECTION 1632A AND TABLE 16A-O. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS & HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS MAY BE OMITTED FROM THE PLANS.

~~ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:~~

~~EQUIPMENT ON GRADE 60% OF OPERATING WEIGHT~~

~~EQUIPMENT ON STRUCTURE 30% OF OPERATING WEIGHT~~

~~FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.~~

~~THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE 4.~~

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

* 2. SMOKE AND HEAT DETECTORS SHOWN ARE FOR OPTIONAL AUTOMATIC DETECTION. IF ELECTED AS AN OPTION MODTECH WILL PROVIDE 4SD BOXES AND 3/4" CO MOUNTED ON UNDERSIDE OF ROOF PURLINS. DEVICES PROVIDED AND INSTALLED BY OTHERS

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 104812 FLS SS DATE DEC 05 2002

CBC 1998

FILE PATH: 2440-E1.01.DWG

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal
1			LICENSED STRUCTURAL ENGINEER	LICENSED ARCHITECT REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA
2				
3				
4				
5				

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC DATE SEP 17 2003

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, 4438 4474

10- 24 x 40 CLASSROOMS A# 04-104812
SERIAL # 46974-01/02 TO 46978-01/02
SERIAL # 47176-01/02 TO 47176-01/02
4474 STOCK-LATHROP STOCKPILE #67

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP- 67
DATE: 4012- 124

MODTECH Index No.

ELECTRICAL PLAN 24'x40'

E1.01

PROJECT NO. 4373

PC-04-101268

ELECTRICAL PANEL SCHEDULE Room 101A

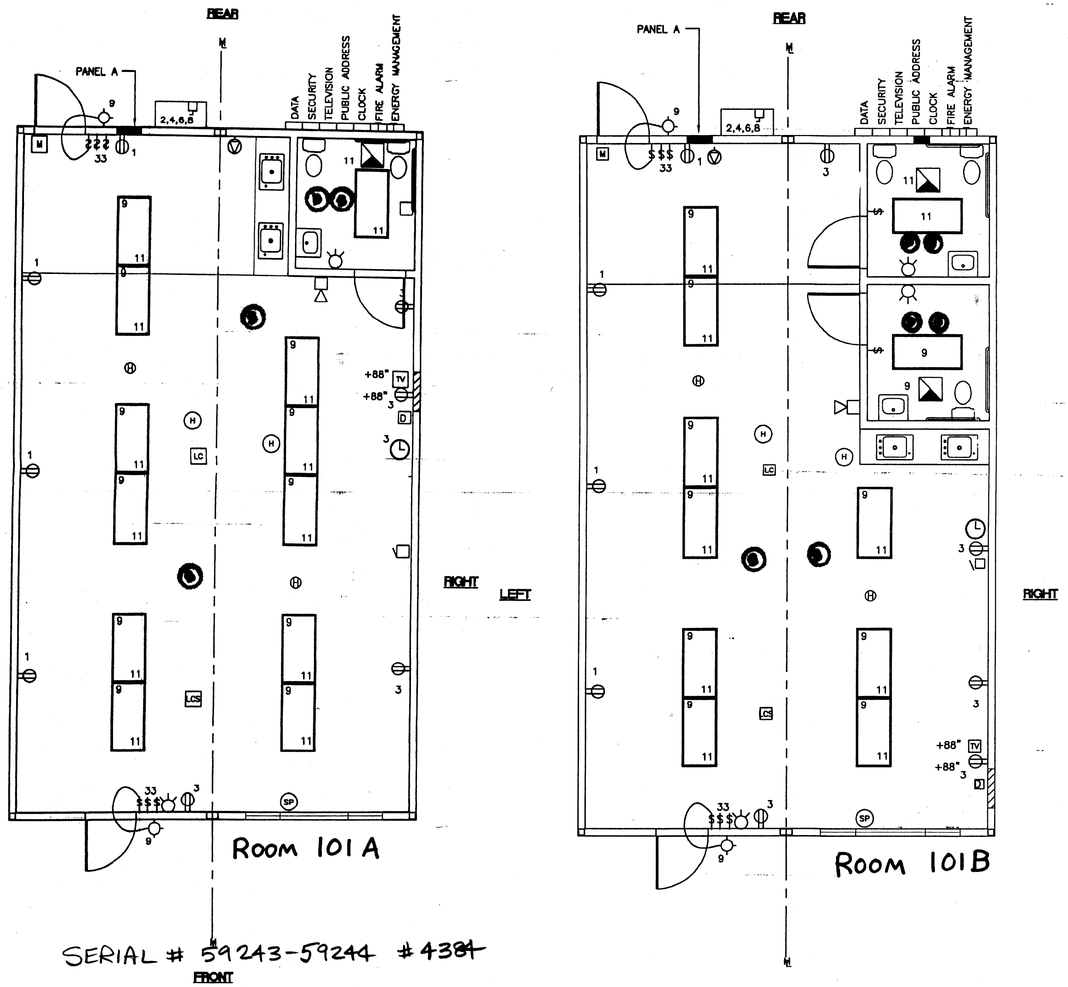
MAIN: 100 AMP 12 POLE | PANEL: A | LOCATION: REAR/INTERIOR | FEED: REAR | MOUNTING: FLUSH

LOAD	WATTS A#	WATTS B#	BREAKER Amps	P	CKT	A	B	CKT	BREAKER P	BREAKER Amps	WATTS A#	WATTS B#	LOAD
RECEPTACLE (4)	720		20	1	1			2	2	60	4080		HVAC (3.5 TON)
RECEPTACLE/CLOCK (5)		900	20	1	3			4	–	–		4080	HVAC (3.5 TON)
	60			1	5			6	2	30	3120		5KW HEAT STRIPS
					7			8	–	–		3120	5KW HEAT STRIPS
INT/EXT LIGHTS (13)	890		20	1	9			10					
INT. LIGHTS (12)		990	20	1	11			12	–	–		40	FIRE ALARM (DEDICATED)
WATTS/PHASE A = 8810	1610	1890									7200	7200	B = 9090 WATTS/PHASE
TOTAL 17900 WATTS	75 AMPS		120/240 VOLTS								SINGLE ϕ		THREE WIRE
NCL = WATTS													

ELECTRICAL PANEL SCHEDULE Room 101B

MAIN: 100 AMP 12 POLE | PANEL: A | LOCATION: REAR/INTERIOR | FEED: REAR | MOUNTING: FLUSH

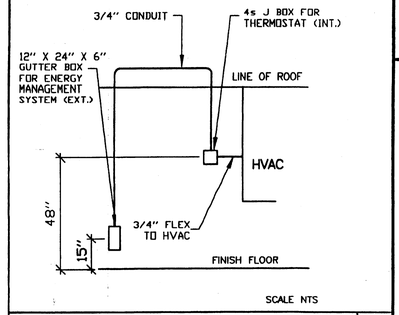
LOAD	WATTS A#	WATTS B#	BREAKER Amps	P	CKT	A	B	CKT	BREAKER P	BREAKER Amps	WATTS A#	WATTS B#	LOAD
RECEPTACLE (4)	720		20	1	1			2	2	50	3960		HVAC (3 1/2T)
RECEPTACLE/CLOCK (5)		900	20	1	3			4	–	–		3960	HVAC (3 1/2T)
				1	5			6	2	30	3120		5KW HEAT STRIPS
					7			8	–	–		3120	5KW HEAT STRIPS
INT/EXT LIGHTS (13)	990		20	1	9			10					
INT. LIGHTS (12)		990	20	1	11			12					
WATTS/PHASE A = 8790	1710	1890									7080	7080	B = 8970 WATTS/PHASE
TOTAL 17760 WATTS	74 AMPS		120/240 VOLTS								SINGLE ϕ		THREE WIRE
NCL = WATTS													



SERIAL # 59243-59244 #4384

ELECTRICAL PLAN (24'x40')

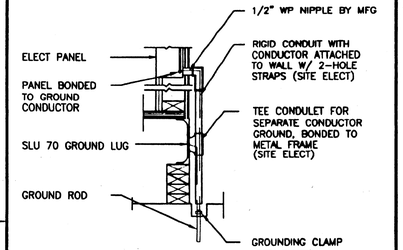
SCALE: 1/4" = 1'-0"



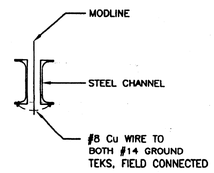
ENERGY MGMT. SYS. CONN. DETAIL 4

GENERAL GROUNDING NOTES

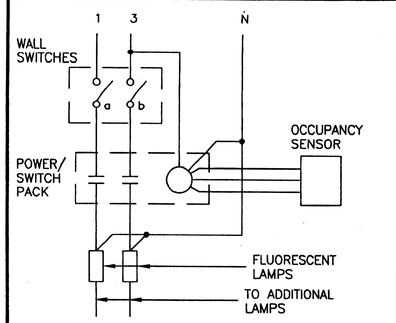
1. EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL) .
2. TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
3. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
4. GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.



TYP GROUNDING DETAIL 1



GROUND JUMPER AT MOD LINE 2



LIGHT CONTROL DIAGRAM 3

ELECTRICAL LEGEND

- RECESSED 2' X 4' FLUORESCENT 4-LAMP WITH MAGNETER "TRIAD" FOUR LAMP HIGH POWER FACTOR BALLAST, PRISMATIC ACRYLIC LENS OF 0.125" MINIMUM THICKNESS IN A DOOR FRAME WITH POSITIVE HINGE AND LATCHES, DIE FORMED HEAVY GAUGE STEEL BODY, BAKED WHITE ENAMEL FINISH, FIXTURE 4 1/2" DEPTH MINIMUM AND FOUR 32 WATT, 48" T-8 LAMPS PRUDENTIAL CAT# PB624-48CTE-PRA.125-SW-120 OR EQUAL BY LITHONIA OR METALUX
- 50 WATT HIGH PRESSURE SODIUM WALL MOUNTED VANDAL RESISTANT FIXTURE WITH PHOTO CONTROL MOUNT AT +96" AFF KENALL # 5010-9051
- $ SWITCH AT +48" AFF
- $3 3WAY SWITCH AT +48" AFF UON
- DUPLEX WALL RECEPTACLE 15A 125V 3-WIRE AT +18" AFF UON
- HV HVAC UNIT
- 4SD J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, 3/4" CO TO OR . PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE AT +80" AFF 3/4" CO TO PULLSTRING
- 4SD J-BOX FOR FIRE ALARM HORN AT +96" AFF 3/4" CO TO . PULLSTRING
- ELECTRICAL PANEL AT +60" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- 4SD J-BOX FOR CLOCK AT +93" AFF 3/4" CO STUB IN ATTIC, PULLSTRING
- H 4SD J-BOX FOR HEAT DETECTOR (ATTIC)
- S 4SD J-BOX FOR SMOKE DETECTOR – CEILING MOUNTED
- 4s J-BOX FOR HVAC UNIT BYPASS AT +48"AFF
- H 4s J-BOX FOR FIRE ALARM HEAT DETECTOR, MOUNTED IN ATTIC
- 12"W X 24" HT. X 6"D WP PULL BOX PROVIDE NAME PLATES AS LISTED ON ELECT. PLANS. +15" AFF
- 4s J-BOX FOR BUZZER AT +93" AFF 3/4" CO STUB IN ATTIC, PULLSTRING
- SP 4s J-BOX FOR PUBLIC ADDRESS SPEAKER, WALL MOUNTED. 3/4" CO TO CS +80" AFF
- CS 4s J-BOX FOR PUBLIC ADDRESS CALL SWITCH AT +48" AFF. 3/4 CO TO PA GUTTER BOX
- M 4s J-BOX FOR SECURITY MOTION DETECTOR OUTLET, CEILING MOUNTED. 3/4" CO TO SECURITY GUTTER BOX
- LC LIGHT CONTROL OCCUPANCY SENSOR CEILING MOUNTED 3/4" CO TO LCS
- LCS LIGHT CONTROL TWO POLE POWER/SWITCH PACK MOUNTED IN ATTIC. 3/4" CO TO LIGHTING CIRCUIT
- TV 4s J BOX FOR TELEVISION +86" AFF 3/4" CO TO TV GUTTER BOX
- D J-BOX FOR FUTURE DATA. +18" AFF 3/4" C/O STUB IN ATTIC. PULLSTRING
- 100 CFM EXHAUST FAN

NOTES

1. SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO CCR TITLE 24, SECTION 1632A AND TABLE 16A-O. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS & HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS MAY BE OMITTED FROM THE PLANS.

ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 4

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

*2 SMOKE AND HEAT DETECTORS SHOWN ARE FOR OPTIONAL AUTOMATIC DETECTION. IF ELECTED AS AN OPTION MODTECH WILL PROVIDE 4SD BOXES AND 3/4" CO MOUNTED ON UNDERSIDE OF ROOF PURLINS. DEVICES PROVIDED AND INSTALLED BY OTHERS.

REVISED
IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE: DEC 19 2002

BASED ON PC04-101268

REVISIONS

1			
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5			

Electrical Engineer's Seal | Mechanical Engineer's Seal | Structural Engineer's Seal | Architect's Seal

LICENSED ARCHITECT GEORGE S. ERICKSON No. C 2956 REN. 9-30 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC. FLS SS DATE

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4124

CHINO

CLASS LEASING

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
4012-124 12/05/2002 80 MPH

ELECTRICAL PLAN 24'x40'

DRAWN BY: SW DATE: 6/26/01
CHECKED BY: DATE:

MODTECH Index No. E1.01C

PROJECT NO.3883

PC- 04-101268

FILE PATH: 2440-E1.01.DWG

CLASS LEASING, INC.

P. O. Box 51150 Riverside, CA 92517-2150
1221 Harley Knox Blvd. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

SPECIFICATIONS
RELOCATABLE CLASSROOMS

4.01 MATERIAL SPECIFICATIONS:

1. Structural framing shall be Hem Fir- Larch graded in accordance with the standard grading rules of the Western Wood Products Association or standard grading rules No. 16 of the West Coast Lumber Inspection Bureau, latest editions. Grades shall be as follows unless noted otherwise on the drawings. (Hem Fir South is not allowed.) Each piece shall be grade marked and no piece may fall below grades indicated. All framing except as noted Hem Fir No. 2
2. Plywood shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS 1-95. All panels shall be marked with an APA grade mark with an identification index as shown on drawings. Use 4'x8' panels-minimum, except at boundaries and at framing changes where minimum panel dimension shall be 24" at roofs and floors and 12" at walls.
3. Bolts for timber connections shall conform to ANSI/ASME Standard B18.2.1-1981 & 2005 edition of **NDS** (the National Design Specification for Wood Construction by the National Forest Products Association). Bolts shall be installed in accordance with the requirement of 200 NDS.
   Bolt holes shall be 1/32 to 1/16 inch larger than bold diameter. Bolts shall be full body steel bolts with minimum yield strength of 45,000 PSI. Re-tighten bolts before closing in work.
4. Lag screws shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2005 NDS Holes for lag screw shanks shall be bored the same depth and diameter as the shank. The remaining depth of penetration of the screw shall be bored to 70% of the shank diameter. One quarter inch (1/4") diameter lag screws need not have pre-drilled holes if it can be shown that wood members are not damaged during installation. Provide full diameter body lag screws with bending yield strengths per Table 9.3 in NDS
5. Provide malleable iron washers or equivalent cut plate washers (not less than a standard cut washer) under nuts and bolt or lag screw heads which bear on wood.
6. Wood screws shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2005 NDS. Galvanized or other corrosion resistant coating where exposed to weather or used in foundations.
   Screws shall be steel with cut threads and bending yield strengths per Table 11.3 in NDS.
7. Wood members shall be cut or notched only as shown on structural drawings.
8. When required nailing tends to split wood members, nail holes shall be pre-bored to 3/4 of the nail diameter.
9. Structural nailing shall be with BOX NAILS per all requirements of 2005 NDS. Nailing not specifically indicated shall comply with CCR Title 24, Part 2, Table 2304.9.1. All nails shall be galvanized or other corrosion resistant coating where exposed to weather, in foundations and as noted on plans, per the requirements of CCR Title 24, Part 2, with minimum bending yields per table 11N in NDS. (See nail equivalence below.)
10. Nail equivalence:
    (provide minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)

    6d equals .113" DIA. - provide 1.36" minimum point penetration
    8d equals .131" DIA. - provide *1.57" minimum point penetration
    10d equals .148" DIA. - provide *1.78" minimum point penetration
    16d equals .162" DIA. - provide *1.94" minimum point penetration
    (* 1 1/2" at 2x members)

11. Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members from agency approved by DSA. All foundation members shall be marked as "For ground contact (LP22)" or "For above ground use (LP2)" as appropriate. Treat all cut ends of pressure treated members with an approved preservative. (Willard W/B Copper Green 2% or an approved equivalent). Where noted, members below the sub floor that are not a part of the foundation shall be pressure treated per LP2.
12. Only material in contact with ground needs to be pressure treated, all other foundation lumber can be DF or HF#2 or equal.
13. If machine nailing is utilized for this project, contractor shall comply with all requirements of CCR Title 24, Part 2. Machine nailing is subject to approval by the Structural Engineer or Architect and the Division of the State Architect.
14. Fasteners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.
15. Nails and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC.
16. Shim material shall be plywood CD EXP 1 or equal (not pressure treated).
17. Used lumber in good condition is acceptable for use in foundation system.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

In the case of equipment located in the State of California, the **LESSEE** (School District) is responsible for the site being cleared (free of grass, trees, shrubs, etc) and graded to within 4 1/2" of level grade for each building. If the site exceeds the 4 1/2" level grade requirement additional costs may be charged to lessee.

Under no circumstances should the site be greater that 9" from level grade or have less than a **1000 PSF MINIMUM SOIL BEARING PRESSURE**.

Prior to delivery, the lessee shall mark the four corners of the building on the site, including door location. Should special handling be required to either place, install or relocate the classroom on the lessee's site due to site obstruction such as fencing, landscaping, other classrooms, etc., additional costs will be charge to the lessee.

6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.
2. No other tests and inspections are required.

1.01 GENERAL REQUIREMENTS:

1. The requirements of the general conditions of the agreement and these General Requirements apply to the several trade sections with the same force as though fully repeated in each section.
2. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

1.02 SCOPE OF WORK:

1. The work consists of manufacturing off-site in a plant, and installing on-site, modular relocatable building as defined herein, shown and detailed on the drawings. In the case of a Stockpile: the modular relocatable building is manufactured in-plant and stored off-site until such time that it is relocated from the off-site storage location and installed on-site.
2. All requirements of **CCR** (California Code of Regulation)Title 19 and 24 relating to inspections and verified reports shall be complied with and shall include:
   a) General responsible charge of Field Administration by the Architect of Record.
   b) Inspection during the course of construction by an Inspector approved by **DSA** (Division of the State Architect) and the District Architect. The Inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
   c) On site inspection of the building installation, electrical and utility of the building installation or connection by an Inspector approved by the DSA and retained by the School District.
   d) Other special tests or inspections as may be required by DSA.
   Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.
2. All leveling, grading or other site preparation (except concrete or wood leveling strips, where Required) unless otherwise indicated on the drawings.
3. Fire alarm system, program bell, clock, public address system, intercom system, TV system, computer data or any other low voltage system, unless otherwise indicated on the drawings or the lease agreement.

1.04 ACCESSIBILITY OF SITE:

The School District shall provide access to the site for the installation of the building. Removal of trees, shrubs, fencing, sprinklers, etc. necessary for move-in and removal of the buildings shall be the responsibility of the School District.

2.01 SITE ASSEMBLY:

1. Scope of Work: **Contractor** (Class Leasing Inc.) shall provide all labor, materials and services to prepare the building elements, transport them from the plant to the site and to complete the assembly at the site.

   The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District and the District Architect.

2. Assembly of Elements:
   a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.
   b) The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.
   c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

3.01 CARPENTRY:

1. Scope of Work: Contractor shall provide all labor, materials and services to install carpentry.
2. Workmanship:
   a) FRAMING: securely nailed, bridged and blocked to form rigid structure. Work cut, fitted and assembled level, plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim sealed at all edges.
   b) NAILING: in accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails.
   c) Machine applied nailing shall have prior demonstration and approval by DSA Field Inspector and the Architect. The approval is subject to continuous satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nail heads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.
   d) TRIM: sealed at all edges. Sealant painted to match trim or siding.

APPLICABLE BUILDING CODES

ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2010 CBC

2010 CALIFORNIA CODE OF REGULATIONS (CCR)

-2010 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)

-2010 CALIFORNIA BUILDING CODE (CBC) (PART 2, TITLE 24, CCR)
(2009 INTERNATIONAL BUILDING CODE VOLUMES 1-3 WITH 2010 CALIFORNIA AMENDMENTS)

-2010 CALIFORNIA ELECTRICAL CODE (CEC) (PART 3, TITLE 24, CCR)
(2008 NATIONAL ELECTRICAL CODE WITH 2010 CALIFORNIA AMENDMENTS)

-2010 CALIFORNIA MECHANICAL CODE (CMC) (PART 4, TITLE 24, CCR)
(2009 UNIFORM MECHANICAL CODE WITH 2010 CALIFORNIA AMENDMENTS)

-2010 CALIFORNIA PLUMBING CODE (CPC) (PART 5, TITLE 24, CCR)
(2009 UNIFORM PLUMBING CODE WITH 2010 CALIFORNIA AMENDMENTS)

-2010 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)

-2010 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)

-2010 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
(2009 INTERNATIONAL FIRE CODE WITH 2010 CALIFORNIA AMENDMENTS)

TITLE 19 CCR PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50 + 20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND (V) SPEED = 85 MPH (V) (3 SECOND GUST), K zt = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = IBC AND CBC 2007

SEISMIC DESIGN DATA: **MOMENT FRAME PC'S**

Basic Seismic-Force-Resisting System	= STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED	= EQUIVALENT LATERAL FORCE
Seismic Design Category	= E (per CBC Section 1613A.5.6)
Design Base Shear : 24x40 BUILDING	= 9404 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING	= 14110 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING	= 18810 # (Roof, Floor, Walls & Partitions)

I = 1.0 Cs≥ = 0.296 R = 3.5 SITE CLASS = D
Ss = 2.0 per CBC Figure 1613A.5(3), REDUCED TO 1.5 per ASCE 7-05 Section 12.8.1.3
Sos = 1.0
S1 = 1.3 per CBC Figure 1613A.5(2) So1 = 1.3

SEISMIC DESIGN DATA: **SHEAR WALL PC'S**

Basic Seismic-Force-Resisting System	= WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED	= EQUIVALENT LATERAL FORCE
Seismic Design Category	= E (per CBC Section 1613A.5.6)
Design Base Shear : 24x40 BUILDING	= 9404 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING	= 14110 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING	= 18810 # (Roof, Floor, Walls & Partitions)

I = 1.0 Cs≥ = 0.154 R = 6.5 SITE CLASS = D
Ss = 2.0 per CBC Figure 1613A.5(3), REDUCED TO 1.5 per ASCE 7-05 Section 12.8.1.3
Sos = 1.0
S1 = 1.3 per CBC Figure 1613A.5(2) So1 = 1.3

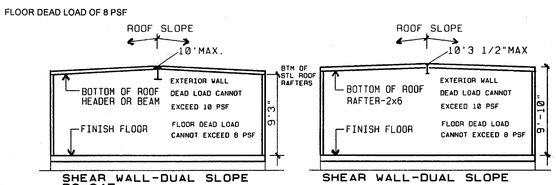
FLOOD DESIGN DATA: Project is not located in a flood zone

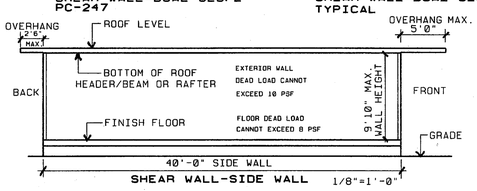
LIMITATIONS WOOD FOUNDATION PC ONLY:

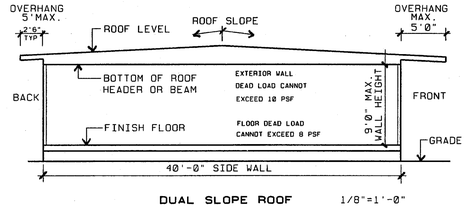
WOOD FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

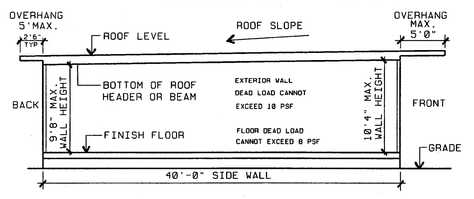
THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

1. DSA APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
   WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDING.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
   WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL-DUAL SLOPE BUILDING
4. WALL DEAD LOAD OF 10 PSF (NO STUCCO)
5. FLOOR DEAD LOAD OF 8 PSF









TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OF GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, INC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION PC# 04-111441 – 2010 CODE UPDATE

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER.

CLASS LEASING- APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA- 24x40 SHEAR WALL

STKP #	DSA A#	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG.
STKP 1029	50643	SHR	10/21/88	24x40	50+20#	MODTECH
STKP 02	52512	48137-SHR	11/06/89	24x40	50#	MODTECH
STKP 01	52513	46750-SHR	11/06/89	24x40	50#	MODTECH
STKP 03	52514	SHR	11/06/89	24x40	50#	MODTECH
STKP 05	52515	45400-SHR	12/07/89	24x40	50#	AURORA
STKP 04	52516	SIM PC 29 SHR	12/07/89	24x40	50#	MODTECH
STKP 22	55113	PC 80	10/05/90	24x40	50#	MODTECH
STKP 24	55580	PC 95	06/14/94	24x40	50#	MODTECH
STKP 13	61957	PC 247	06/29/94	24x40	50#	MODTECH
STKP 77	57970	PC 247	11/10/97	24x40	50#	MODTECH

BUILDING DATA- 24x40 RIGID FRAME

STKP #	DSA A#	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG.
STKP 11	52482	MRF	06/13/91	24x40	50+20#	MODTECH
STKP 20	55031	PC 79	09/18/90	24x40	50#	MODTECH
STKP 21	55032	PC 79	09/19/90	24x40	50#	MODTECH
STKP 23	55347	PC 79	11/26/90	24x40	50#	MODTECH
STKP SW	57194	PC 79	11/08/91	24x40	50+20#	MODTECH
STKP 14	57679	PC 96	03/19/92	24x40	50#	MODTECH
STKP 18	63288	PC 243	05/04/95	24x40	50#	MODTECH
STKP 19	63321	PC 242	05/11/95	24x40	50#	MODTECH
STKP 27	65493	PC 266	07/31/96	24x40	50#	MODTECH
STKP 31	66318	PC 266	11/12/96	24x40	50+20#	MODTECH
STKP 33	67333	PC 266	03/11/97	24x40	50#	MODTECH
STKP 35	04-100117	PC 266	01/15/98	24x40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08/10/98	24x40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08/10/98	24x40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09/03/98	24x40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01/07/99	24x40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09/09/99	24x40	50#	MODTECH
STKP 44	04-101602	PC 266	09/30/99	24x40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12/16/99	24x40	50#	MODTECH
STKP 51	04-102015	PC 101268	03/16/00	24x40	50#, 50+20#	MODTECH
STKP 53	04-102365	PC 101268	07/06/00	24x40	50+20#	MODTECH
STKP 56	04-102824	PC 101268	12/21/00	24x40	50#	MODTECH
STKP 62	04-104169	PC 101268	04/18/02	24x40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12/05/02	24x40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05/22/03	24x40	50+20#	MODTECH
STKP 76	04-105455	PC 104796	07/17/03	24x40	50#	MODTECH
STKP 78	04-109208	PC 106884	12/13/07	24x40	50#	CURRENT/SMI

BUILDING DATA- 36x40 RIGID FRAME

STKP #	DSA A#	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG.
STKP 15	52476	MRF	12/18/91	36x40	50#	MODTECH
STKP SW	57194	PC 79	11/08/91	36x40	70#	MODTECH
STKP 32	66318	PC 266	11/12/96	36x40	50+20#	MODTECH
STKP 34	67332	PC 266	03/11/97	36x40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10/07/99	36x40	50+20#	MODTECH
STKP 57	04-103001	PC 101268	08/01/01	36x40	50#	MODTECH
STKP 65	04-104441	PC 101268	07/11/02	36x40	50+20#	MODTECH
STKP 71	04-106419	PC 104801	07/29/04	36x40	50+20#	MODTECH
STKP 73	04-108585	PC 101268	03/01/07	36x40	70#	MODTECH
STKP 74	04-108886	PC 107557	06/07/07	36x40	50+20#	SILVERCREEK
STKP 81	04-110319	PC 109598	04/09/09	36x40	50+20#	SMI
STKP 82	04-111101	PC 79	06/03/10	36x40	50+20#	MODTECH

BUILDING DATA- 48x40 RIGID FRAME

STKP #	DSA A#	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG.
STKP SW	57194	PC 79	11/08/91	48x40	100#	MODTECH
STKP SW	57194	PC 79	11/08/91	48x40	70#	MODTECH
STKP 17	63289	PC 243	05/04/95	48x40	50+20#	MODTECH
STKP 41	04-100797	PC 266	01/07/99	48x40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10/07/99	48x40	50+20#	MODTECH
STKP 63	04-104170	PC 101268	04/18/02	48x40	50+20#	MODTECH

PRE-CHECK (PC) DOCUMENT
CODE: 2010 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112161
AP FLS SS
DATE: FEB 01 2012

ACS: J. Schaefer
FLS: T. Borges
SS: D. CONNOLLY

STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

REVISIONS	BY

REGISTERED PROFESSIONAL ENGINEER JAMES A. SIMPSON No. 39012 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2012

AUG 25 2011

SCANNED

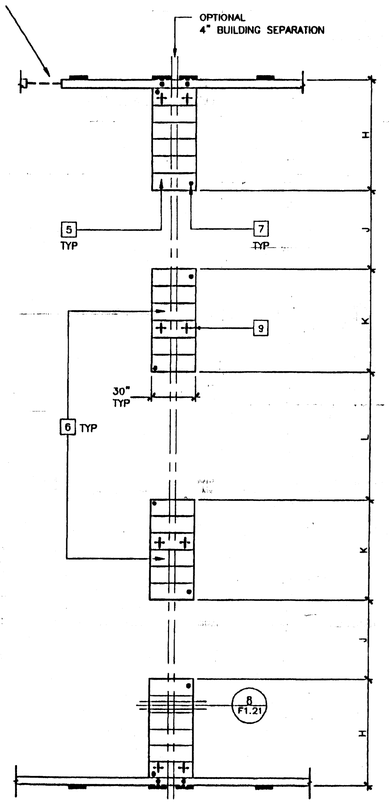
CLASS LEASING, INC.
P. O. Box 51150 Riverside, CA 92517-2150
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951) 943-1908 FAX (951) 943- 5768

CLASS LEASING, INC.
STOCKPILE CLASSROOM
RELOCATION
FOUNDATION PLAN & DETAILS
PC 04-111441

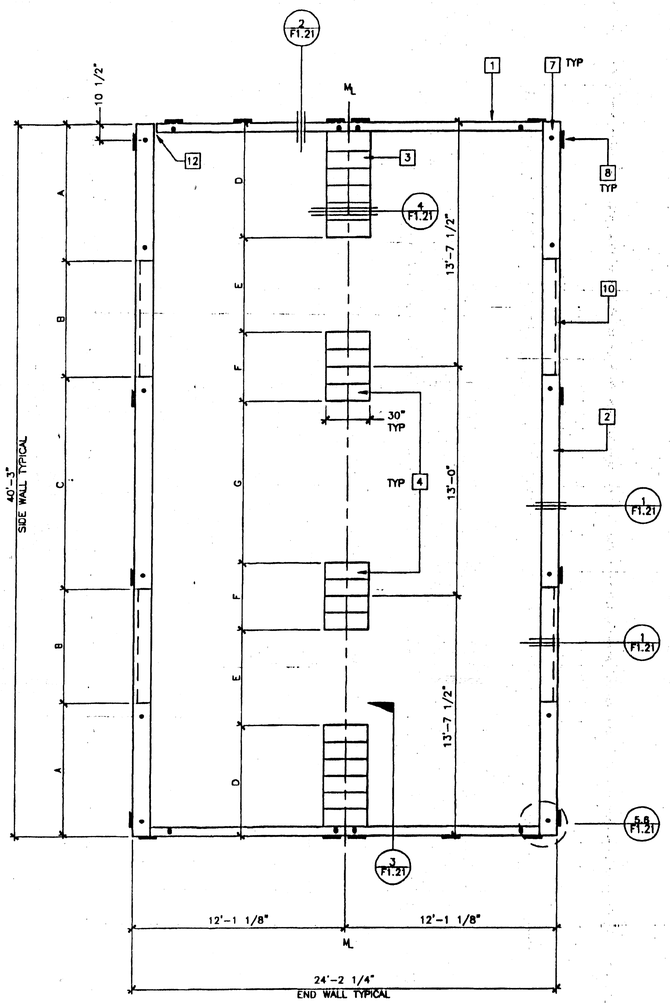
24x40-50

DATE	08-15-2011
SCALE	
DRAWN	LAM-CLLS
JOB	
SHEET	F1.0

3"x24" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS
MIN 18" FROM BUILDING CORNERS
MIN 18" FROM MODLINES
MIN 12" BLOCKING BETWEEN VENTS



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)



FOUNDATION PLAN

24'x40' WOOD SILL
SCALE: 1/4" = 1'-0"

REVISED JAN 4 2001 PC
REVISED DEC 2 2001 CBC 1998

FOUNDATION PLATE SCHEDULE

		50 PSF	50 + 20 PSF	100 PSF
END WALL	SILL	2"x6"	2"x6"	2"x12"
	BLOCKING	2"x4"	2"x4"	2"x8"
	TOP PLATE	2"x4"	2"x4"	2"x6"
SIDE WALL	SILL	2"x12"	2"x12"	2"x12"
	BLOCKING	2"x8"	2"x8"	2"x8"
	TOP PLATE	2"x6"	2"x6"	2"x6"
MODLINE PAD AT ENDWALL	SILL	(6)2"x12"x30"	(7)2"x12"x30"	(5)2"x12"x30"
	BLOCKING	2"x10"	2"x10"	2"x10"
	TOP PLATE	2"x8"	2"x8"	2"x8"
MODLINE PAD AT INTERIOR	SILL	(4)2"x12"x30"	(5)2"x12"x30"	(12)2"x10"x30"
	BLOCKING	2 x 10	2 x 10	2 x 10
	TOP PLATE	2 x 8	2 x 8	2 x 8
4" SEPARATION PAD AT END WALL	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(6)2"x10"x30"
	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"
4" SEPARATION PAD AT INTERIOR	SILL	(8)2"x12"x30"	(8)2"x12"x30"	(14)2"x10"x30"
	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"

NOTE: • USE 2"x4" PLATES FOR ANY ADDITIONAL BLOCKING REQUIRED FOR LEVELING.
• ALL SILL (FOOTING) PLATES TO BE PRESSURE TREATED SEE NOTE #3 THIS SHEET.
• FOR FOUNDATION PLATE NAILING SEE F1.21

DIMENSION SCHEDULE

	50 PSF	50 + 20 PSF	100 PSF	125 PSF
A	7'-7 1/2"	9'-1 1/2"	9'-1 1/2"	SEE SHEET F1.11
B	5'-6"	4'-0"	4'-0"	
C	13'-0"	14'-0"	14'-0"	
D	6'-1"	7'-1/4"	5'-7 1/2"	
E	5'-6"	4'-4"	3'-8"	
F	3'-9"	4'-8 1/4"	9'-3"	
G	9'-6"	8'-2"	3'-8"	
H	6'-1"	6'-1"	5'-6 1/4"	
J	4'-9"	3'-10"	2'-6"	
K	5'-7 1/2"	7'-6"	10'-9 1/2"	
L	7'-4"	5'-5"	2'-7 1/2"	

VENT CALCULATIONS

VENTING REQUIRED=24'x40'=960/150=6.4 SF

VENT

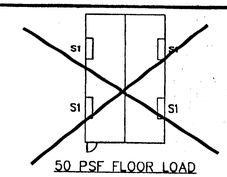
S1=3"x78"=1.63 SF
S2=3"x48"=1.00 SF
E1=3"x24"=0.50 SF

50 PSF FLOOR LOAD

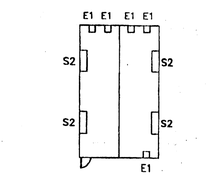
S1X4=6.52 SF > 6.40 SF OK

50+20 PSF FLOOR LOAD

S2x4=4.00 SF
E1x5=2.50 SF
6.50 SF > 6.4 OK



50 PSF FLOOR LOAD



50+20 AND 100 PSF FLOOR LOADS

VENT LEGEND

S1=SIDE WALL VENT. 3"x6'-6" 2
S2=SIDE WALL VENT. 3"x4'-0"
E1=END WALL VENT. 3"x2'-0"

KEY NOTES

1. FOUNDATION AT END WALL – SEE FOUNDATION PLATE SCHEDULE
2. FOUNDATION AT SIDE WALL – SEE FOUNDATION PLATE SCHEDULE
3. FOUNDATION MODLINE PAD AT END WALL –SEE FOUNDATION PLATE SCHEDULE.
4. FOUNDATION MODLINE PAD AT INTERIOR – SEE FOUNDATION PLATE SCHEDULE.
5. FOUNDATION PAD AT 4" SEPARATION AT END WALL
6. FOUNDATION PAD AT 4" SEPARATION AT INTERIOR WALL
7. SILL RESTRAINT – SEE NOTE 1
8. TIE PLATE – 5,6/F1.21
   AT 70 MPH DESIGN WIND LOAD:
   MIN (4) AT EACH END WALL, (3) AT EACH SIDE WALL
   AT 80 MPH DESIGN WIND LOAD:
   MIN (5) AT EACH END WALL, (3) AT EACH SIDE WALL
9. 5/8" DIAx4" LAGS
10. FOUNDATION VENT
11. FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
12. 2" CUTOUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION

NOTES

1. SILL RESTRAINT:
   ON ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE–DRILLED CONCRETE SLAB ON GRADE USE 1" OD GALVANIZED PIPE AT 10'–0" OC MAX. 12" PENETRATION BELOW SURFACE VERTICALLY. DRILLED SILL HOLE TO BE 1 1/4" MAX. PIPE MAY BE DRIVEN MAX OF 45° ANGLE. TO VERTICAL 18–1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE.
   ALTERNATE:
   ON CONCRETE PAVING HILTI DS 82–P10 THRU SILL PLATE, 8" OC AT END WALLS AND 16" OC AT SIDE WALLS. 3
2. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS
3. A WOOD SILL (FOOTING) PLATE SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE IN–PLANT INSPECTOR.
4. FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23–6.
5. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. BUILDINGS OVER 2160 SQ. FT. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION. 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLR SS
DATE DEC 05 2002

REVISIONS			
1	SP	ADDED NOTE #6	9/7/00
2	SP	REVISED VENT LEGEND	12/20/00
3	SP	REVISED NOTE #1	01/03/00
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSE EXPIRES 6-30-2001

Architect's Seal
GEORGE C. SPARKS ARCHITECT No. C 29156 REN. 9-30-02 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC–04
101268
AC FLR SS
DATE NOV 07 2001
SEP 0 6 2006

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943–4014
FAX (909) 940–0427

10- 24 x 40 CLASSROOMS A# 04-104812
SERIAL # 46974-01/02 TO 46978-01/02
SERIAL # 47176-01/02 TO 47176-01/02

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP–67
DATE: 4012–129

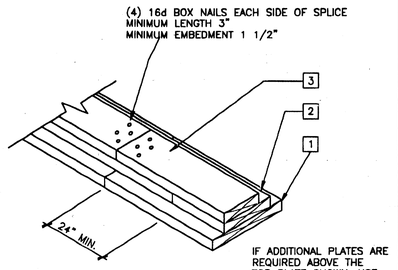
MODTECH Index No.

FOUNDATION PLAN 24'X40'/WOOD/50, 50+20, 100 PSF

F1.01

PC–04–101268 PROJECT NO. 4373

FILE PATH: 2440–F1.01.DWG



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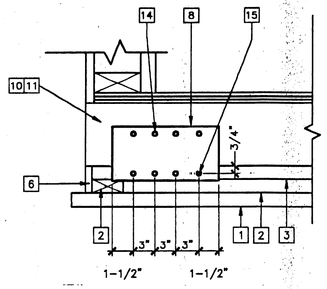
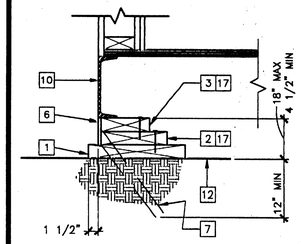
FOUNDATION SPLICE 9



SCALE: 1 1/2"=1'-0" LAG BOLT TO FLOOR BEAM

TIE PLATE 5

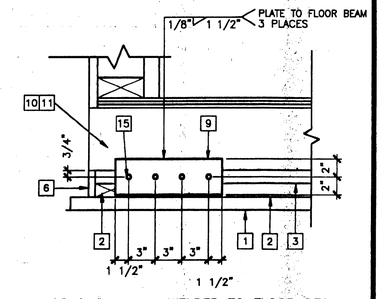


SCALE: 1 1/2"=1'-0"

NOTE: WHERE ADDITIONAL BLOCKING IS REQUIRED SEE DETAIL 7

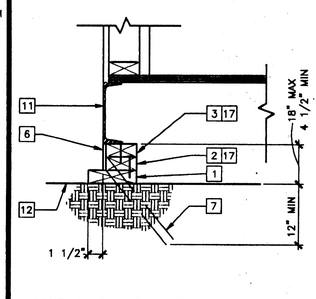
FOUNDATION AT SIDE WALL 1

10



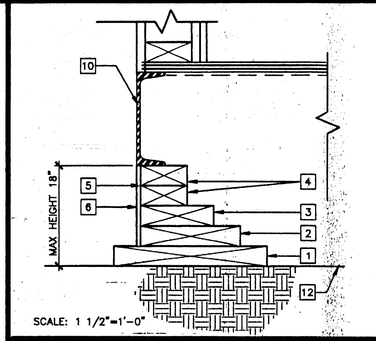
SCALE: 1 1/2"=1'-0" WELDED TO FLOOR BEAM

TIE PLATE (ALTERNATE) 6



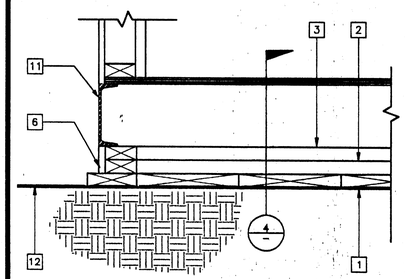
SCALE: 1 1/2"=1'-0"

FOUNDATION AT END WALL 2



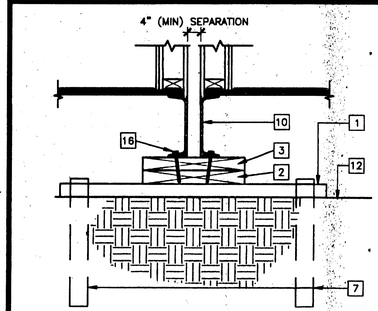
SCALE: 1 1/2"=1'-0"

ADDITIONAL BLOCKING 7



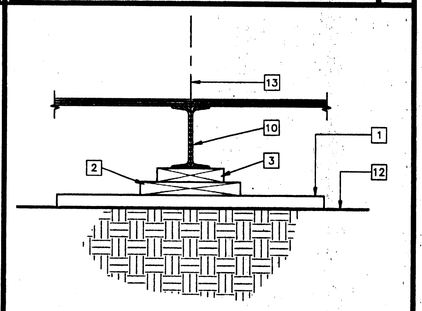
SCALE: 1 1/2"=1'-0"

FOUNDATION AT MODLINE 3



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

FOUNDATION AT ADJACENT BUILDING 8



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

FOUNDATION AT MODLINE 4

KEY NOTES

1. SILL PLATE – SEE FOUNDATION PLATE SCHEDULE.
2. BLOCKING PLATE – SEE FOUNDATION PLATE SCHEDULE, ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
3. TOP PLATE – SEE FOUNDATION PLATE SCHEDULE, ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
4. ADDITIONAL 2"x4" BLOCKING AS NECESSARY FOR LEVELING
5. LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE
6. SKIRTING–3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS, FIELD NAILING 12" OC
7. SILL RESTRAINT – SEE NOTE 1
8. TIE PLATE 6"x12"x10 GA
9. TIE PLATE 4"x12"x10 GA
10. FLOOR BEAM
11. FLOOR HEADER
12. FINISH GRADE
13. MODLINE
14. 1/4" DIA STS TYPICAL 4 PLACES
15. 1/4" DIAx3" LONG LAG SCREW TYPICAL 4 PLACES
16. 5/8" DIAx4" LAGS (FOR LOCATION SEE PLAN)
17. REMOVE AT VENT LOCATIONS

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 01 104812 FLS SS DEC 05 2002

PC
CBC 1998

REVISIONS			Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
1					LICENSE EXPIRES 6-30-2000	LICENSED ARCHITECT GEORGE C. [illegible] No. C 2956 REN. 9-30-03 STATE OF CALIFORNIA	PC-04 101268 AC. DATE SEP 07 1999
2							
3							
4							
5							

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, 4384, 4438, 4474 © MODTECH, INC. 2002

10- 24 x 40 CLASSROOMS A# 04-104812
SERIAL # 46974-01/02 TO 46978-01/02
SERIAL # 47176-01/02 TO 47176-01/02
4474 STOCK-LATHROP STOCKPILE #67

FOUNDATION DETAILS WOOD/50, 50+20, 100 PSF

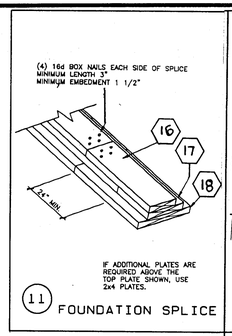
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STRD-67
DATE: 4012-124

MODTECH Index No.
F1.21

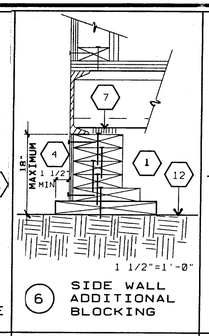
FILE PATH: 2440-F1.21.DWG

PROJECT NO. 4373

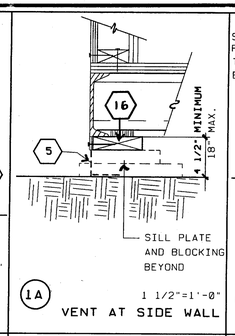
PC-04-101268



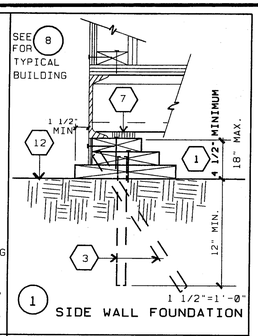
11 FOUNDATION SPLICE



6 SIDE WALL ADDITIONAL BLOCKING



1A VENT AT SIDE WALL

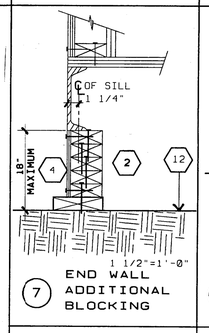


1 SIDE WALL FOUNDATION

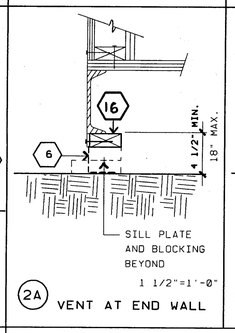
TYPICAL: NAILING (1) 16d BOX AT 4" O.C.

TYPICAL: PLATE TO PLATE,
PLATE TO BLOCK,
BLOCK TO BLOCK,
BLOCK TO PLATE,

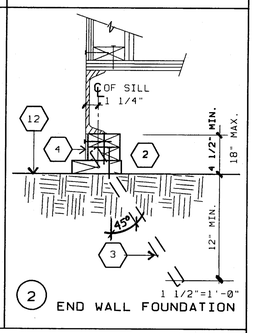
MINIMUM 6-16d PER BLOCK OR PLATE



7 END WALL ADDITIONAL BLOCKING

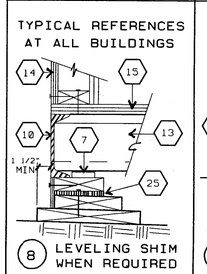


2A VENT AT END WALL

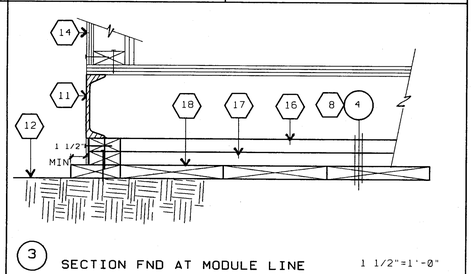


2 END WALL FOUNDATION

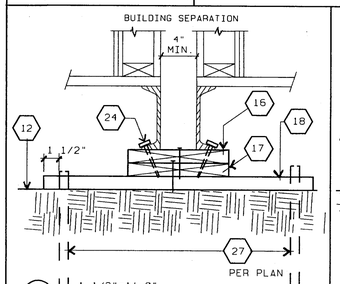
TYPICAL REFERENCES AT ALL BUILDINGS



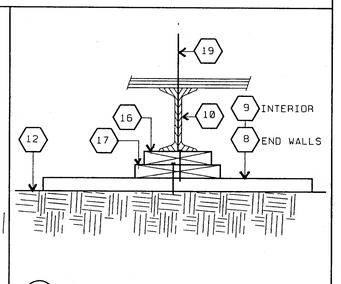
8 LEVELING SHIM WHEN REQUIRED



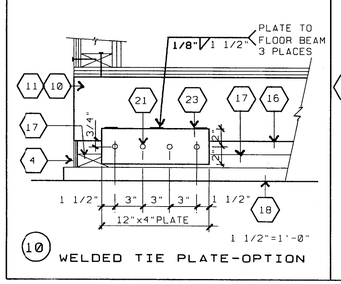
3 SECTION FND AT MODULE LINE 1 1/2"=1'-0"



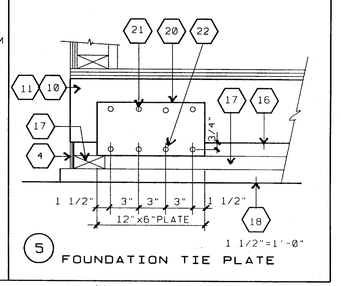
9 ADJACENT BUILDING



4 MODULE LINE 1 1/2"=1'-0"



10 WELDED TIE PLATE-OPTION



5 FOUNDATION TIE PLATE

3"x24" END WALL VENTS
AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS
MIN.18" FROM MODLINES
MIN.18" FROM BLDG. CORNER
MIN.12" BLOCKING BETWEEN VENTS

OPTIONAL 4" SEPARATION

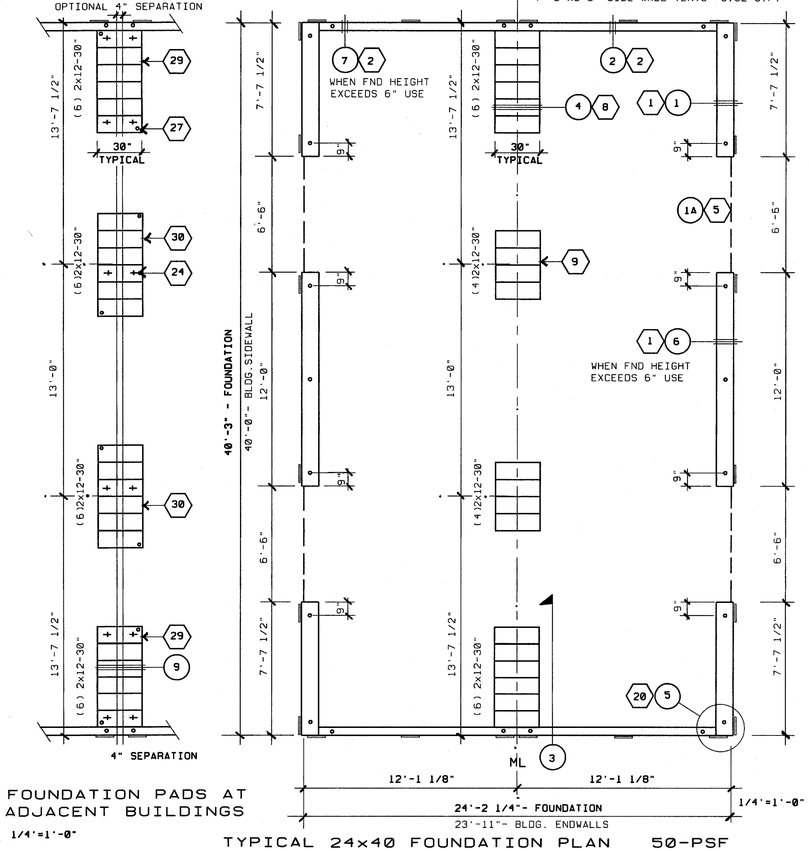
TIE PLATES:

85 MPH	END WALLS 6 EA.	SIDE WALLS 6 EA.	TOTAL (24)

TYPICAL VENT: 1/4" CORROSION RESISTANT MESH. PREFORMED L- SIZE REQUIRED WITH 3" RETURN.

BUILDING VENTILATION
AREA: 960 S.F./150= 6.4 S.F. RQD
3"x6'6" SIDE VENT = 1.63 S.F.

PROVIDE:
4- 3"x6'6" SIDE WALL VENTS= 6.52 S.F.



FOUNDATION PADS AT ADJACENT BUILDINGS
1/4"=1'-0"

TYPICAL 24x40 FOUNDATION PLAN 50-PSF

KEY NOTES 24x40- 50 PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 **TOP PLATE:** 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

FOUNDATION AT END WALL

2 **TOP PLATE:** 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC

5 SIDEWALL VENT: 3" HIGH BY 6'-6" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.,

6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.

7 SHIM: 5/8" X 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 **TOP PLATE**: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 **TOP PLATE**: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (4) 2x12x30" (PT)

10 FLOOR BEAM: C7x 9.8 TYPICAL

11 FLOOR HEADER: C7x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE

20 TIE PLATE: 12" x 6" x 10 GA

21 PLATE ANCHOR: 4 -1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)

22 PLATE ANCHOR: 4 -1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)

23 TIE PLATE: 12" x 4" x 10 GA

24 BUILDING ANCHORAGE: 6- 5/8" x 4" LAG SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 10d BOX.

26 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

29 **TOP PLATE:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **TOP PLATE:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.

GENERAL NOTES

A. **SILL RESTRAINT**: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP.

PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. A **WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE INSPECTOR

D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
CODE: 2010 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-112161
AC ___ FLS ___ SS X
DATE: FEB 01 2012

24x40 - 50 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

REVISIONS	BY

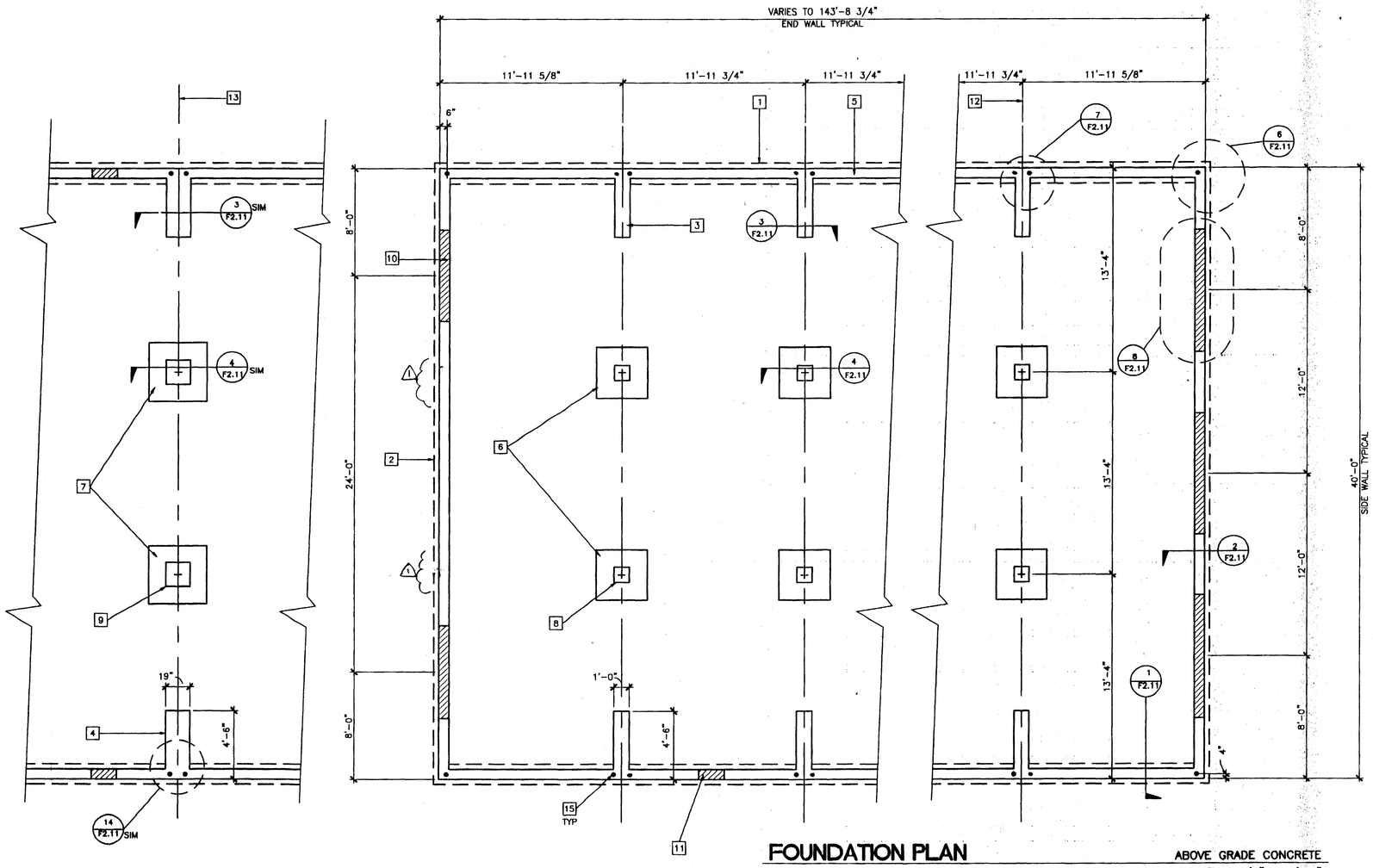
JAMES T. SIMPSON No. 3832 STRUCTURAL STATE OF CALIFORNIA
EXPIRES 6-30-2012

DATE RECEIVED AUG 25 2011

CLASS LEASING, INC.
P. O. Box 51150 Riverside, CA 92517-2150
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951) 943-1908 FAX (951) 943- 5768

CLASS LEASING, INC.
STOCKPILE CLASSROOM
24x40 - 50 PSF RELOCATION
FOUNDATION PLAN & DETAILS
PC 04-111441

DATE	08-15-2011
SCALE	
DRAWN	LAM-CLLS
JOB	24x40 50 PSF
SHEET	F2.0



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)

FOOTING SCHEDULE

DESIGN FLOOR LIVE LOAD	50 PSF	50+20 PSF	100 PSF	125 PSF
SIDEWALL	12"	12"	SEE SHEET F2.02	SEE SHEET F2.02
ENDWALL	17"/19"*	19"		
PAD	3'-4"/3'-5"*	4'-0"/3'-10"*		
PAD AT 4" SEPARATION	3'-9"/3'-8"*	4'-3"/4'-1"*		

* = VALUE FOR CONCRETE FLOOR

VENTING SCHEDULE

BUILDING	(SF) AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40'	960	6.4	(4) A	7.00	–	–	7.00
36'x40'	1440	9.6	(6) A	10.5	–	–	10.50
48'x40'	1920	12.8	(6) B	14.00	–	–	14.00
60'x40'	2400	16	(6) B	14.00	(2) C	2.33	16.33
72'x40'	2880	19.2	(6) B	14.00	(4) C (1) D	5.25	19.25
84'x40'	3360	22.4	(6) B	14.00	(7) C (1) D	8.75	22.75
96'x40'	3840	25.6	(6) B	14.00	(10) C	11.66	25.66
108'x40'	4320	28.8	(6) B	14.00	(13) C	15.16	29.16
120'x40'	4800	32	(6) B	14.00	(15) C (1) D	18.07	32.07
132'x40'	5280	35.2	(6) B	14.00	(18) C (1) D	21.57	35.57
144'x40'	5760	38.4	(6) B	14.00	(21) C	24.49	38.49
LEGEND			VENT A 6'x3.5" = 1.75 SF VENT B 8'x3.5" = 2.33 SF VENT C 4'x3.5" = 1.166 SF VENT D 2'x3.5" = 0.583 SF				

NOTE: DELETE ALL UNDER FLOOR VENTS WHEN SINGLE STORY BUILDING OR BOTTOM FLOOR OF TWO STORY BUILDING UTILIZES THE CONCRETE FLOOR OPTION.

KEY NOTES

1. END WALL FOOTING – SEE FOOTING SCHEDULE
2. SIDE WALL FOOTING – SEE FOOTING SCHEDULE
3. INTERIOR RETURN FOOTING – SEE FOOTING SCHEDULE
4. MODLINE RETURN AT 4" SEPARATION – OPTIONAL
5. STEM WALL – 8" TYPICAL UON
6. MODLINE PAD
7. MODLINE PAD AT 4" SEPARATION – OPTIONAL
8. 12" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
9. 19" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
10. TYPICAL VENT
11. ADDITIONAL END WALL VENTS AS REQUIRED (48" MAXIMUM LENGTH) OR INCREASE VENT HEIGHT AS REQUIRED AT SIDEWALLS
12. MODLINE
13. 4" BUILDING SEPARATION AT ADJACENT BUILDINGS – OPTIONAL
14. NOT USED
15. ANCHOR BOLT LOCATION – (1) AT EACH CORNER OF BUILDING AND (2) AT EACH MODLINE LOCATION

NOTES

1. SOIL TYPE AND FOUNDATION
   A. BEARING: SOIL BEARING VALUE OF 1000 PSF USED FOR DESIGN.
   B. FOOTINGS: ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. CONCRETE
   ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM STRENGTH AT 28 DAYS: FOOTINGS: fc' = 3000 PSI (DESIGN BASED ON f'c = 2000 PSI, CONCRETE SHALL CONFORM TO TITLE 24 SECTION 1905A.2.3 METHOD A OR B. METHOD A NON-DESIGNED MIX PER TABLE 19A-A-8. METHOD B PER SECTION 1905A.3.1. CONCRETE SUPPLIER SHALL PROVIDE CONCRETE MIX DESIGN AND A BREAK HISTORY OF 30 CONSECUTIVE BREAKS IDENTIFIED TO THAT MIX DESIGN. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150. UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT FOR DSA METHOD A, THE FOLLOWING PROPORTIONS ARE REQUIRED: MINIMUM 7.1 SACKS PER YARD. WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK. AGGREGATE SHALL BE 3/4" TO 1" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
3. REINFORCING STEEL GRADE 40.
   ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706, OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-79.
4. FOR FOOTINGS USING TRENCH FOR FORMING WIDTH SHALL BE INCREASED 2" EA. SIDE
5. THE ABOVE FOUNDATION PLAN HAS 1/4" ADDED AT EACH MOD LINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. MAX VENT LENGTH AT SIDE WALLS IS 8'-0"
   MAX VENT LENGTH AT END WALLS IS 4'-0"
   MIN DISTANCE FROM VENT TO EDGE OF MODULE IS 2'-0"
   MIN DISTANCE BETWEEN VENTS IS 2'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC — FLS — SS
DATE DEC 05 2002

FOUNDATION PLAN
ABOVE GRADE CONCRETE
SCALE: 1/4" = 1'-0"

PC
CBC 1998

REVISED OCT 25 2002
REVISED OCT 19 2002

FILE PATH: 2440-F2.01.DWG

REVISIONS		
1	10/18/00 MODTECH FIX	
2	10/25/01 ADD DELETE VENT NOTE	FVH
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C 2956
REN. 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE SEP 07 1999

REVISED AUG 31 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

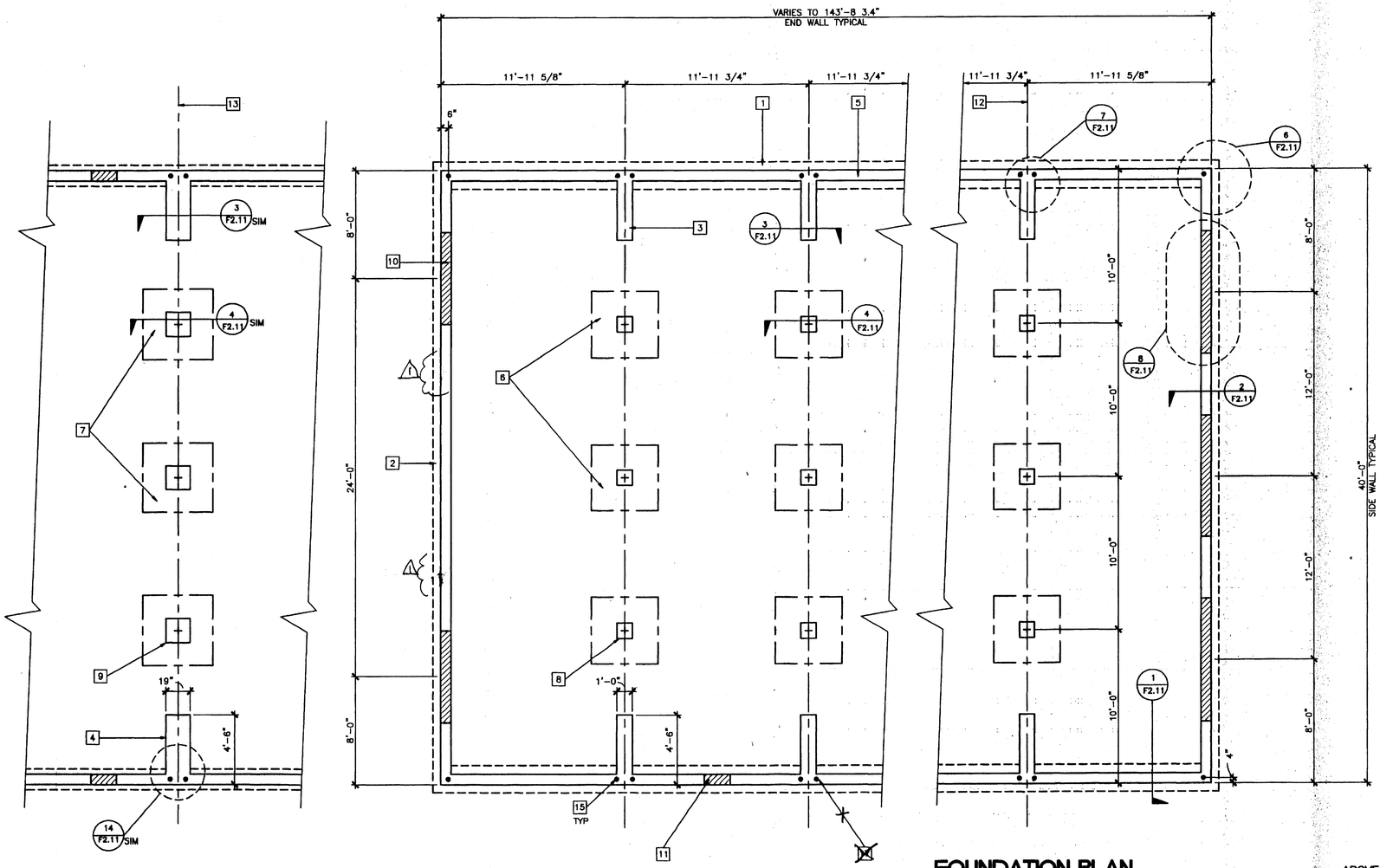
PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124
MODTECH Index No.

FOUNDATION PLAN AGC – 50, 50+20 PSF

F2.01

PROJECT NO. 4373
PC-04-101268



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)

FOUNDATION PLAN

ABOVE GRADE CONCRETE
SCALE: 1/4" = 1'-0"

PC
CBC 1998

REVISED OCT 25 2001
REVISED OCT 19 2000

FOOTING SCHEDULE

DESIGN FLOOR LIVE LOAD	50 PSF	50+20 PSF	100 PSF	125 PSF
SIDEWALL	SEE SHEET F2.01	SEE SHEET F2.01	12"/14"*	14"/15"*
ENDWALL			20"/21"*	21"/23"*
PAD			4'-0"/4'-4"*	4'-4"/4'-9"*
PAD AT 4" SEPARATION			4'-3"/4'-7"*	4'-7"/4'-11"*

* = VALUE FOR CONCRETE FLOOR

VENTING SCHEDULE

BUILDING	(SF) AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40'	960	6.4	(4) A	7.0	–	–	7.0
36'x40'	1440	9.6	(6) A	10.5	–	–	10.5
48'x40'	1920	12.8	(6) B	14	–	–	14
60'x40'	2400	16	(6) B	14	(2) C	2.33	16.33
72'x40'	2880	19.2	(6) B	14	(4) C (1) D	2.25	19.25
84'x40'	3360	22.4	(6) B	14	(7) C (1) D	8.75	22.75
96'x40'	3840	25.6	(6) B	14	(10) C	11.66	25.66
108'x40'	4320	28.8	(6) B	14	(13) C	15.16	29.16
120'x40'	4800	32	(6) B	14	(15) C (1) D	18.07	32.07
132'x40'	5280	35.2	(6) B	14	(18) C (1) D	21.57	33.57
144'x40'	5760	38.4	(6) B	14	(21) C	24.49	38.49

LEGEND

VENT A 6'x3.5" = 1.75 SF
VENT B 8'x3.5" = 2.33 SF
VENT C 4'x3.5" = 1.166 SF
VENT D 2'x3.5" = 0.583 SF

NOTE 2 DELETE ALL UNDER FLOOR VENTS WHEN SINGLE STORY BUILDING OR BOTTOM FLOOR OF TWO STORY BUILDING UTILIZES THE CONCRETE FLOOR OPTION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC — FLS — SS CR
DATE DEC 05 2002

KEY NOTES

1. 21" END WALL FOOTING
2. SIDE WALL FOOTING – SEE FOOTING SCHEDULE
3. INTERIOR RETURN FOOTING – SEE FOOTING SCHEDULE
4. MODLINE RETURN AT 4" SEPARATION – OPTIONAL
5. STEM WALL – 8" TYPICAL UON
6. MODLINE PAD
7. MODLINE PAD AT 4" SEPARATION – OPTIONAL
8. 12" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
9. 19" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
10. TYPICAL VENT
11. ADDITIONAL END WALL VENTS AS REQUIRED (48" MAXIMUM LENGTH) OR INCREASE VENT HEIGHT AS REQUIRED AT SIDEWALLS
12. MODLINE
13. 4" BUILDING SEPARATION – ADJACENT BUILDINGS – OPTIONAL
14. NOT USED
15. ANCHOR BOLT LOCATION – (1) AT EACH CORNER OF BUILDING. (2) AT EACH MODLINE LOCATION.
16. NOT USED 3 1
- ~~SECOND ANCHOR BOLT AT MODLINE FOR 125 PSF FLOOR ONLY~~

NOTES

1. SOIL TYPE AND FOUNDATION
   A. BEARING: SOIL BEARING VALUE OF 1000 PSF USED FOR DESIGN.
   B. FOOTINGS: ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. CONCRETE
   ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM STRENGTH AT 28 DAYS: FOOTINGS: fc' = 3000 PSI (DESIGN BASED ON f'c = 2000 PSI, CONCRETE SHALL CONFORM TO TITLE 24 SECTION 1905A.2.3 METHOD A OR B. METHOD A NON-DESIGNED MIX PER TABLE 19A-A-8. METHOD B PER SECTION 1905A.3.1. CONCRETE SUPPLIER SHALL PROVIDE CONCRETE MIX DESIGN AND A BREAK HISTORY OF 30 CONSECUTIVE BREAKS IDENTIFIED TO THAT MIX DESIGN. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150. UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT FOR DSA METHOD A, THE FOLLOWING PROPORTIONS ARE REQUIRED: MINIMUM 7.1 SACKS PER YARD. WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK. AGGREGATE SHALL BE 3/4" TO 1" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
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4. FOR FOOTINGS USING TRENCH FOR FORMING WIDTH SHALL BE INCREASED 2" EA. SIDE
5. THE ABOVE FOUNDATION PLAN HAS 1/4" ADDED AT EACH MOD LINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. MAX VENT LENGTH AT SIDE WALLS IS 6'-0"
   MAX VENT LENGTH AT END WALLS IS 4'-0"
   MIN DISTANCE FROM VENT TO EDGE OF MODULE IS 2'-0"
   MIN DISTANCE BETWEEN VENTS IS 2'-0"

FILE PATH: 2440-F2.02.DWG

REVISIONS			
1	10/8/00	MODTECH FIX	
2	FVH	ADD DELETE VENT NOTE	10/25/01
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC — FLS — SS CR
DATE SEP 07 2001

REVISED AUG 31 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

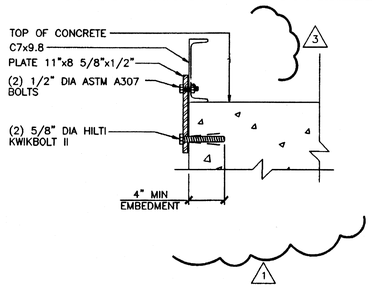
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124
MODTECH Index No.

FOUNDATION DETAILS AGC – 100, 125 PSF

F2.02

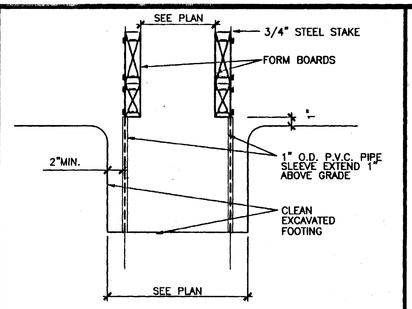
PROJECT NO. 4373

PC-04-101268



SCALE: 1 1/2"=1'-0" (OPTIONAL)

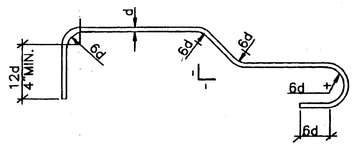
ALTERNATE FOUNDATION ANCHORAGE | 16



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

NOTE: USE STAKE PULLER TO REMOVE STEEL STAKES. DO NOT BANG TO LOOSEN.

FOOTING FORMS | 12

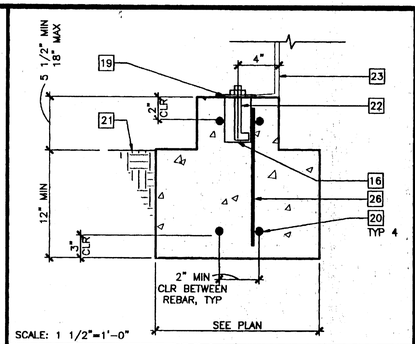


(FOR #7 BARS OR SMALLER)

SCALE: NTS

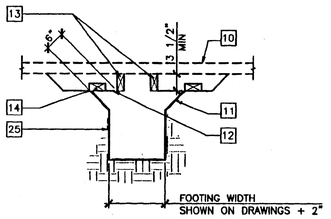
TYPICAL REINFORCING BENDING DETAIL | 9

NOT USED | 5



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

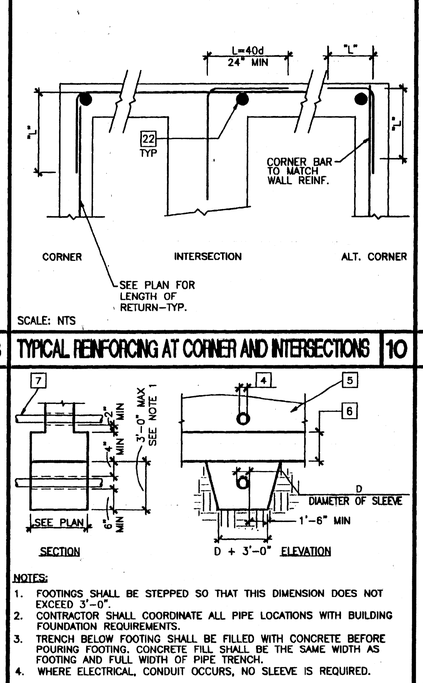
TYPICAL END WALL FOOTING | 1



NOTES:
1. FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS PROVIDED THE FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
2. FOOTING WIDTHS SHALL NOT BE MORE THAN 4" WIDER THAN SHOWN ON PLAN.
3. FORMWORK NOT PERMITTED BELOW GRADE UNLESS FULLY FORMED.

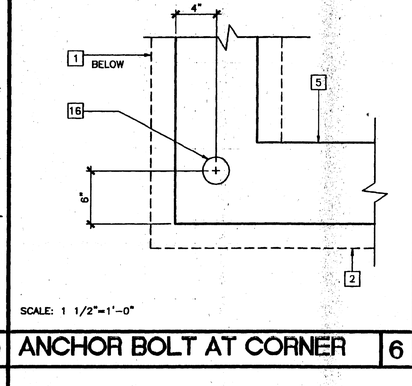
SCALE: NTS

FOOTING FORMS (ALTERNATE) | 13



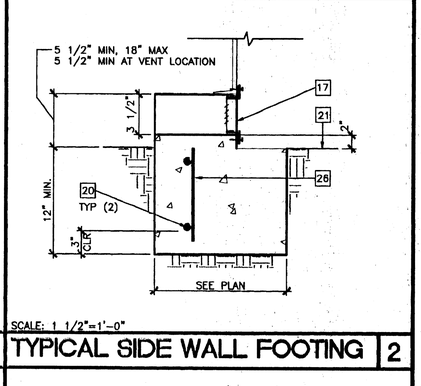
SCALE: NTS

TYPICAL REINFORCING AT CORNER AND INTERSECTIONS | 10



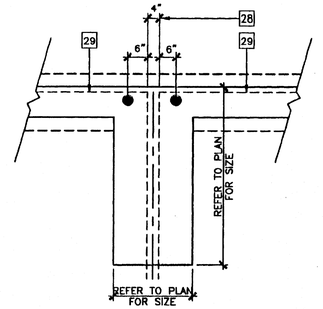
SCALE: 1 1/2"=1'-0"

ANCHOR BOLT AT CORNER | 6



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

TYPICAL SIDE WALL FOOTING | 2



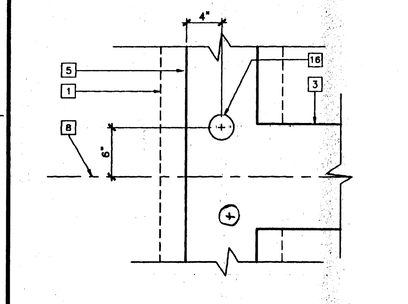
SCALE: NTS (OPTIONAL)

ANCHOR BOLT AT ADJACENT BUILDING | 14

NOTES:
1. FOOTINGS SHALL BE STEPPED SO THAT THIS DIMENSION DOES NOT EXCEED 3'-0".
2. CONTRACTOR SHALL COORDINATE ALL PIPE LOCATIONS WITH BUILDING FOUNDATION REQUIREMENTS.
3. TRENCH BELOW FOOTING SHALL BE FILLED WITH CONCRETE BEFORE POURING FOOTING. CONCRETE FILL SHALL BE THE SAME WIDTH AS FOOTING AND FULL WIDTH OF PIPE TRENCH.
4. WHERE ELECTRICAL, CONDUIT OCCURS, NO SLEEVE IS REQUIRED.

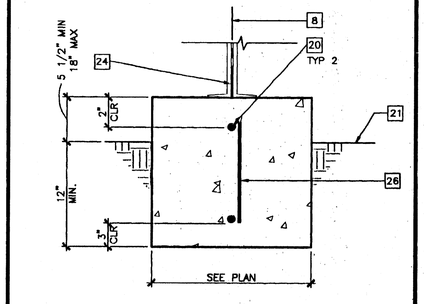
SCALE: NTS

PIPE SLEEVE THROUGH FOOTINGS TYPICAL | 11



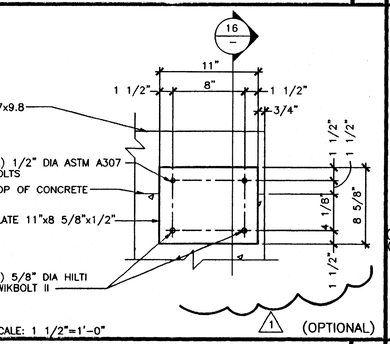
SCALE: 1 1/2"=1'-0"

ANCHOR BOLT AT MODLINE | 7



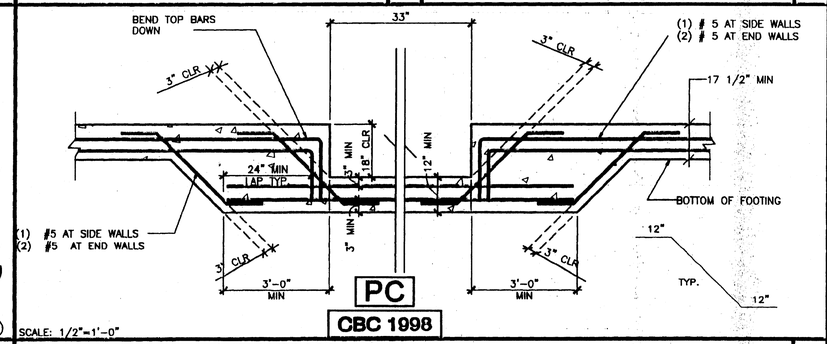
SCALE: 1 1/2"=1'-0"

INTERIOR RETURN FOOTING | 3



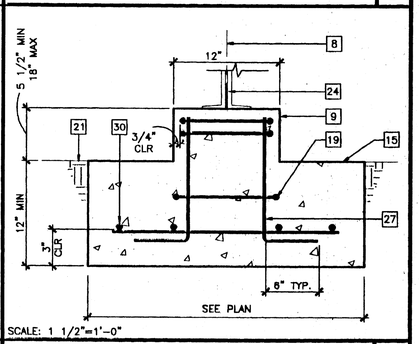
SCALE: 1 1/2"=1'-0" (OPTIONAL)

ALTERNATE FOUNDATION ANCHORAGE | 15



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

ACCESS VENT ELEVATION | 8



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

INTERIOR PAD FOOTING | 4

KEY NOTES

1. END WALL FOOTING – SEE FOOTING SCHEDULE
2. SIDE WALL FOOTING – SEE FOOTING SCHEDULE
3. MODLINE RETURN
4. SLEEVE DIAMETER 2" LARGER THAN PIPE DIAMETER
5. STEM WALL
6. FOOTING: FOR PIPES IN THIS AREA LOWER FOOTING SO PIPES PASS THROUGH STEM WALL
7. PIPE THROUGH STEM WALL
8. MODLINE
9. CONCRETE PEDESTAL – 12" MINIMUM AT INTERIOR PAD, 19" MINIMUM AT 4" SEPARATION (OPTIONAL)
10. STARTER WALL AFTER SET. CLEAN TO REMOVE LAITANCE AND SCUM
11. CUT BACK SPALL
12. CONTINUOUS CLEAN-OUT. STAKES NOT PERMITTED WITHIN FOOTING AREA
13. MINIMUM FORMWORK (UNLESS FULLY FORMED)
14. 2x PLANKING
15. CONCRETE INTERIOR PAD FOOTING – SEE FOUNDATION PLAN FOR SIZES
16. 3" DIAx6" DEEP CANOUT IN FOUNDATION (BY CONCRETE SUBCONTRACTOR)
17. OPTION 1: 12 GA GALVANIZED EXPANDED DIAMOND MESH. IMBED 1 1/2" INTO WET CONCRETE AT 2 SIDES AND BOTTOM
    OPTION 2: 3/16"x1 1/2"x1 1/2" GALVANIZED ANGLE FRAME WITH 12 GA GALVANIZED EXPANDED DIAMOND MESH WELDED TO END OF INTERIOR ANGLE LEG. ANCHOR WITH 3 FASTENERS AT BOTTOM INTO CONCRETE AND 3 FASTENERS AT TOP INTO FLOOR CHANNEL.
18. ANCHOR PLATE
19. #5 STEEL ⊓ . 2 AT TOP AND 8" OC
20. #5 STEEL REINFORCING BARS CONTINUOUS
21. FINISH GRADE LINE
22. 3/4" ANCHOR BOLT A307 WITH 5" EMBEDMENT OR 3/4" DIA THREADED ROD A36 WITH 5" EMBEDMENT
23. FLOOR HEADER
24. FLOOR BEAM
25. NEAT CUT TRENCH
26. #3 VERTICAL AT 24" OC FOR BUILDINGS 60'x40' AND GREATER ONLY
27. (4) #5xL VERTS
28. 4" BUILDING SEPARATION – ADJACENT BUILDINGS – OPTIONAL
29. BUILDING LINE
30. (4) #5'S EACH WAY AT BOTTOM

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 104812
AC — FLS 88
DEC 05 2002

REVISED JAN 4 2001

FILE PATH: 2440-F2.11.DWG

PROJECT NO. 4373

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	9/21/00
2	SP	MODTECH ENGINEERING CHANGE	09/28/00
3	10/18/00	MODTECH FIX	
4	FH	CHANGED KEY NOTE 22	1/3/01
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

LICENSE EXPIRES ON 2000

Architects Seal

LICENSED ARCHITECT GEORGE C. EDWARDS C-2956 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC-04 101268
AC. — FLS 88
DATE SEP 07 1999

REVISED OCT 02 2000

REVISED OCT 16 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373

COLTON U.S.D.

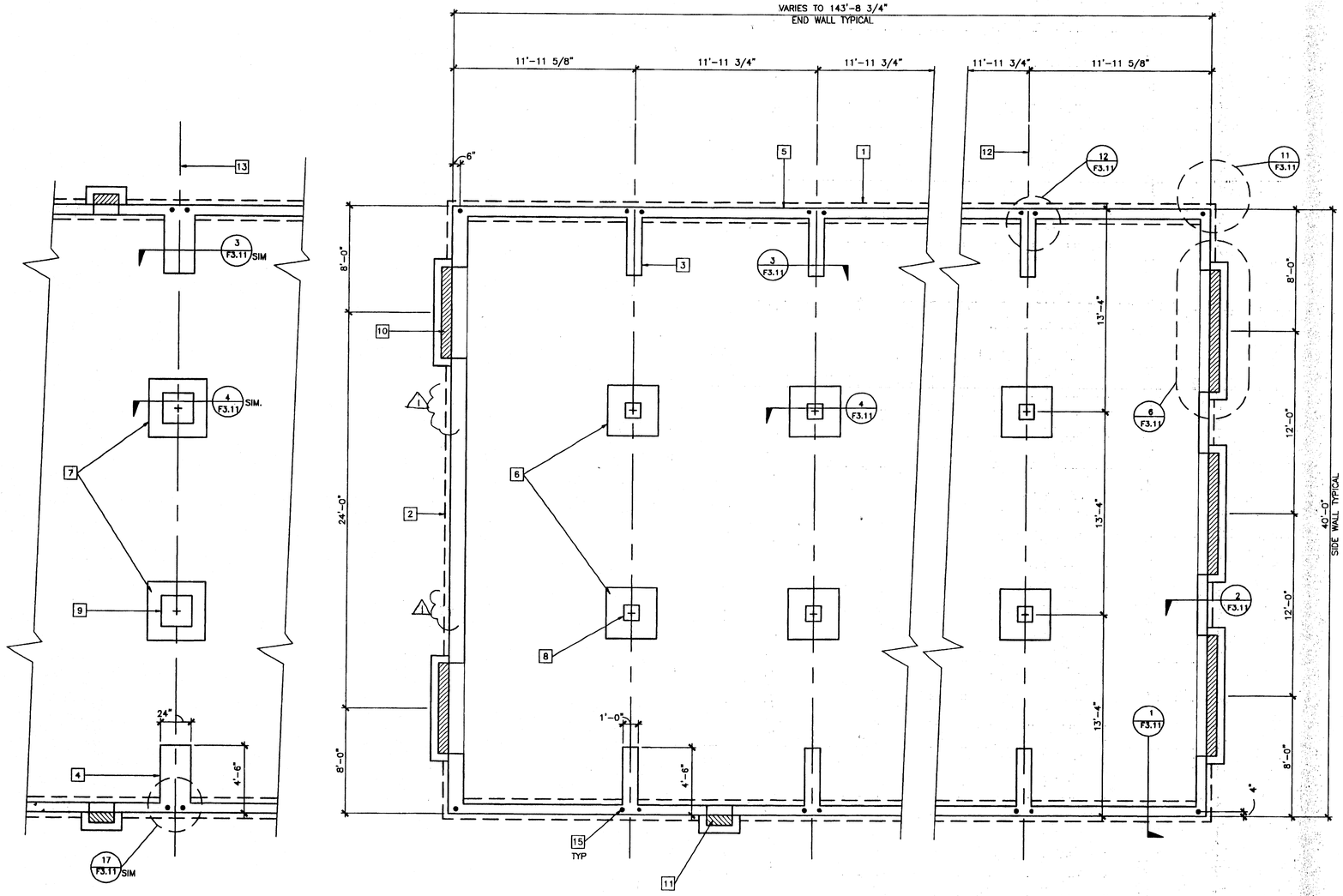
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

FOUNDATION DETAILS ABOVE GRADE CONCRETE

F2.11

PC-04-101268



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)

FOOTING SCHEDULE

DESIGN FLOOR LIVE LOAD	50 PSF	50+20 PSF	100 PSF	125 PSF
SIDEWALL	12"	12"	SEE SHEET F3.02	SEE SHEET F3.02
ENDWALL	17"/18"*	19"		
PAD	3'-4"/3'-5"*	4'-0"/3'-10"*		
PAD AT 4" SEPARATION	3'-9"/3'-9"*	4'-3"/4'-1"*		

* = VALUE FOR CONCRETE FLOOR

VENTING SCHEDULE

BUILDING	(SF) AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40'	960	6.4	(5) A	7.8	–	–	7.8
36'x40'	1440	9.6	(4) B	9.6	–	–	9.6
48'x40'	1920	12.8	(6) B	14.4	–	–	14.4
60'x40'	2400	16	(4) C (2) B	12.92 4.8	–	–	17.7
72'x40'	2880	19.2	(6) C	19.38	–	–	19.4
84'x40'	3360	22.4	(6) C	19.38	(2) A (1) D	3.65	23.03
96'x40'	3840	25.6	(6) C	19.38	(4) A (1) D	6.6	25.9
108'x40'	4320	28.8	(6) C	19.38	(6) A (1) D	9.5	28.9
120'x40'	4800	32	(6) C	19.38	(9) A	31.1	32.52
132'x40'	5280	35.2	(6) C	19.38	(11) A	16.1	35.5
144'x40'	5760	38.4	(6) C	19.38	(13) A (1) D	24.49	39.09

LEGEND	VENT	SIZE	AREA (SF)	GRATE SIZE
	A	3'-9"x5"	1.56	4'x8"
	B	5'-9"x5"	2.40	6'x8"
	C	7'-9"x5"	3.23	8'x8"
	D	1'-9"x5"	0.73	2'x8"
ACCESS (OPTIONAL)	E	2'-9"x18"	4.13	3'x2'

NOTE: DELETE ALL UNDER FLOOR VENTS WHEN SINGLE STORY BUILDING OR BOTTOM FLOOR OF TWO STORY BUILDING UTILIZES THE CONCRETE FLOOR OPTION. 2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE DEC 05 2002

KEY NOTES

1. END WALL FOOTING – SEE FOOTING SCHEDULE
2. SIDE WALL FOOTING – SEE FOOTING SCHEDULE
3. INTERIOR RETURN FOOTING – SEE FOOTING SCHEDULE
4. MODLINE RETURN AT 4" SEPARATION – OPTIONAL
5. STEM WALL – 8" TYPICAL UON
6. MODLINE PAD
7. MODLINE PAD AT 4" SEPARATION – OPTIONAL
8. 12" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
9. 19" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
10. TYPICAL VENT
11. ADDITIONAL END WALL VENTS AS REQUIRED (48" MAXIMUM LENGTH) OR INCREASE VENT HEIGHT AS REQUIRED AT SIDEWALLS
12. MODLINE
13. 4" BUILDING SEPARATION AT ADJACENT BUILDING – OPTIONAL
14. NOT USED
15. ANCHOR BOLT LOCATION – (1) AT EACH CORNER OF BUILDING AND (2) AT EACH MODLINE LOCATION

1

NOTES

1. SOIL TYPE AND FOUNDATION
   A. BEARING: SOIL BEARING VALUE OF 1000 PSF USED FOR DESIGN.
   B. FOOTINGS: ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. CONCRETE
   ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM STRENGTH AT 28 DAYS: FOOTINGS: fc' = 3000 PSI (DESIGN BASED ON f'c = 2000 PSI, CONCRETE SHALL CONFORM TO TITLE 24 SECTION 1905A.2.3 METHOD A OR B. METHOD A NON-DESIGNED MIX PER TABLE 19A-A-8. METHOD B PER SECTION 1905A.3.1. CONCRETE SUPPLIER SHALL PROVIDE CONCRETE MIX DESIGN AND A BREAK HISTORY OF 30 CONSECUTIVE BREAKS IDENTIFIED TO THAT MIX DESIGN. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150. UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT FOR DSA METHOD A, THE FOLLOWING PROPORTIONS ARE REQUIRED: MINIMUM 7.1 SACKS PER YARD. WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK. AGGREGATE SHALL BE 3/4" TO 1" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
3. REINFORCING STEEL GRADE 40.
   ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706, OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-79.
4. FOR FOOTINGS USING TRENCH FOR FORMING WIDTH SHALL BE INCREASED 2" EA. SIDE
5. THE ABOVE FOUNDATION PLAN HAS 1/4" ADDED AT EACH MOD LINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. MAX VENT LENGTH AT SIDE WALLS IS 8'-0"
   MAX VENT LENGTH AT END WALLS IS 4'-0"
   MIN DISTANCE FROM VENT TO EDGE OF MODULE IS 2'-0"
   MIN DISTANCE BETWEEN VENTS IS 2'-0"

REVISED OCT 25 2002 PC
REVISED OCT 19 2002 CBC 1998

FOUNDATION PLAN

BELOW GRADE CONCRETE
SCALE: 1/4" = 1'-0"

REVISIONS			
1	10/18/00	MODTECH FIX	
2	FVH	ADD DELETE VENT NOTE	10/25/01
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC SS
DATE SEP 17 2002

REVISED AUG 31 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

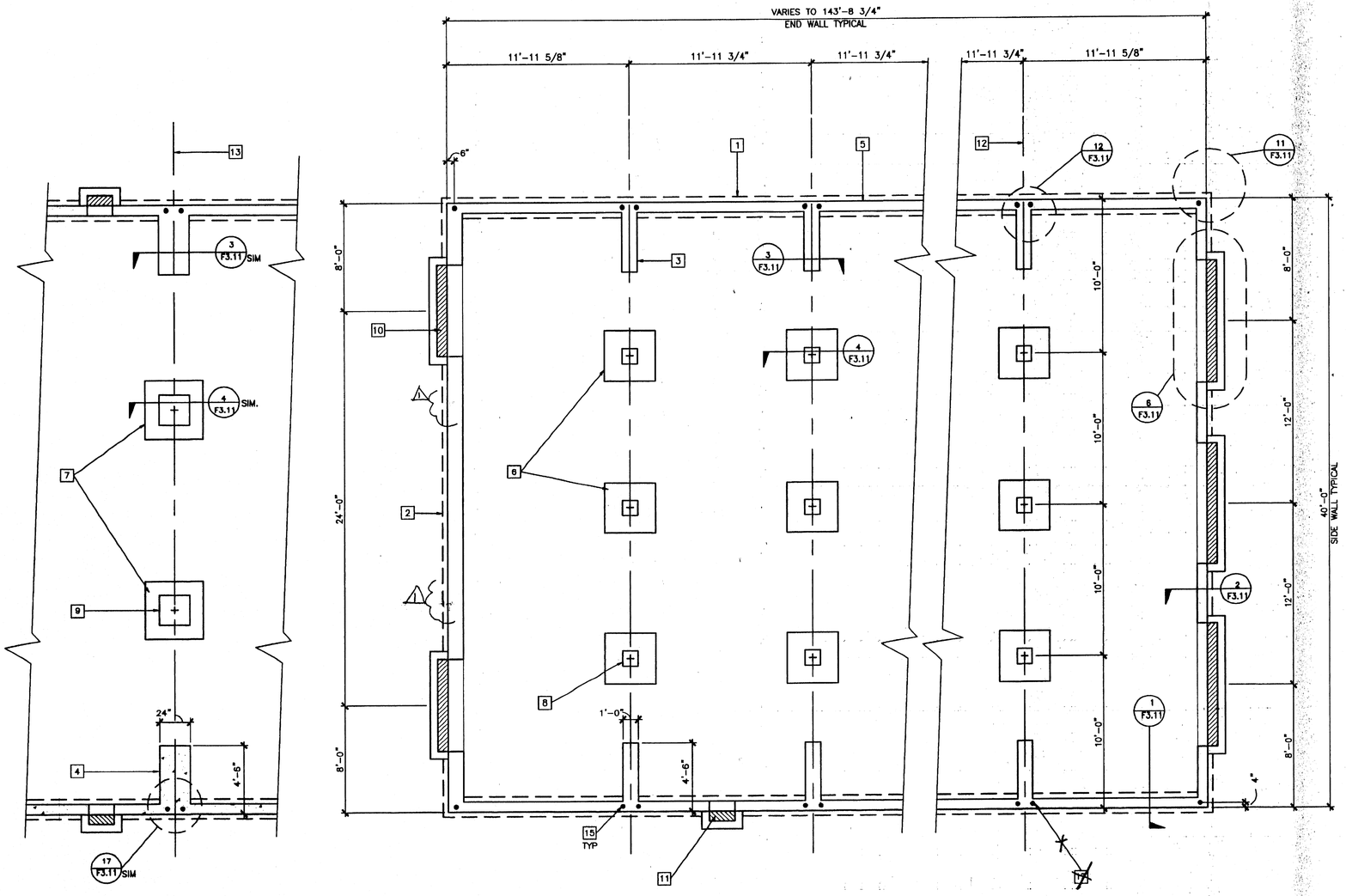
MODTECH Index No.

FOUNDATION PLAN BGC – 50, 50+20 PSF F3.01

FILE PATH: 2440-F3.01.DWG

PROJECT NO. 4373

PC-04-101268



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)

FOOTING SCHEDULE

DESIGN FLOOR LIVE LOAD	50 PSF	50+20 PSF	100 PSF	125 PSF
SIDEWALL	SEE SHEET F3.01	SEE SHEET F3.01	12"/14"*	14"/15"*
ENDWALL			20"/21"*	21"/23"*
PAD			4'-0"/4'-4"*	4'-4"/4'-9"*
PAD AT 4" SEPARATION			4'-3"/4'-7"*	4'-7"/4'-11"*

* = VALUE FOR CONCRETE FLOOR

VENTING SCHEDULE

BUILDING	(SF) AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40'	960	6.4	(5) A	7.8	–	–	7.8
36'x40'	1440	9.6	(4) B	9.6	–	–	9.6
48'x40'	1920	12.8	(6) B	14.4	–	–	14.4
60'x40'	2400	16	(4) C (2) B	12.92 4.8	–	–	17.7
72'x40'	2880	19.2	(6) C	19.38	–	–	19.4
84'x40'	3360	22.4	(6) C	19.38	(2) A (1) D	3.65	23.03
96'x40'	3840	25.6	(6) C	19.38	(4) A (1) D	6.6	25.9
108'x40'	4320	28.8	(6) C	19.38	(6) A (1) D	9.5	28.9
120'x40'	4800	32	(6) C	19.38	(9) A	31.1	32.52
132'x40'	5280	35.2	(6) C	19.38	(11) A	16.1	35.5
144'x40'	5760	38.4	(6) C	19.38	(13) A (1) D	24.49	39.09

LEGEND	VENT	SIZE	AREA (SF)	GRATE SIZE
	A	3'-9"x5"	1.56	4'x8"
	B	5'-9"x5"	2.40	6'x8"
	C	7'-9"x5"	3.23	8'x8"
	D	1'-9"x5"	0.73	2'x8"
ACCESS (OPTIONAL)	E	2'-9"x18"	4.13	3'x2'

NOTE: DELETE ALL UNDER FLOOR VENTS WHEN SINGLE STORY BUILDING OR BOTTOM FLOOR OF TWO STORY BUILDING UTILIZES THE CONCRETE FLOOR OPTION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC — FLS SS SK
DATE DEC 03 2002

KEY NOTES

1. END WALL FOOTING – SEE FOOTING SCHEDULE
2. SIDE WALL FOOTING – SEE FOOTING SCHEDULE
3. INTERIOR RETURN FOOTING – SEE FOOTING SCHEDULE
4. MODLINE RETURN AT 4" SEPARATION – OPTIONAL
5. STEM WALL – 8" TYPICAL UON
6. MODLINE PAD
7. MODLINE PAD AT 4" SEPARATION – OPTIONAL
8. 12" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
9. 24" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
10. TYPICAL VENT
11. ADDITIONAL END WALL VENTS AS REQUIRED (48" MAXIMUM LENGTH) OR INCREASE VENT HEIGHT AS REQUIRED AT SIDEWALLS
12. MODLINE
13. 4" BUILDING SEPARATION AT ADJACENT BUILDING – OPTIONAL
14. NOT USED
15. ANCHOR BOLT LOCATION – (1) AT EACH CORNER OF BUILDING. (1) AT EACH MODLINE LOCATION.
16. ~~NOT USED~~
- ~~SECOND ANCHOR BOLT AT MODLINE FOR 125 PSF FLOOR ONLY~~

NOTES

1. SOIL TYPE AND FOUNDATION
   A. BEARING: SOIL BEARING VALUE OF 1000 PSF USED FOR DESIGN.
   B. FOOTINGS: ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. CONCRETE
   ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM STRENGTH AT 28 DAYS: FOOTINGS: f'c = 3000 PSI (DESIGN BASED ON f'c = 2000 PSI, CONCRETE SHALL CONFORM TO TITLE 24 SECTION 1905A.2.3 METHOD A OR B. METHOD A NON-DESIGNED MIX PER TABLE 19A-A-8. METHOD B PER SECTION 1905A.3.1, CONCRETE SUPPLIER SHALL PROVIDE CONCRETE MIX DESIGN AND A BREAK HISTORY OF 30 CONSECUTIVE BREAKS IDENTIFIED TO THAT MIX DESIGN. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150. UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT FOR DSA METHOD A, THE FOLLOWING PROPORTIONS ARE REQUIRED: MINIMUM 7.1 SACKS PER YARD. WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK. AGGREGATE SHALL BE 3/4" TO 1" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
3. REINFORCING STEEL GRADE 40.
   ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706, OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-79.
4. FOR FOOTINGS USING TRENCH FOR FORMING WIDTH SHALL BE INCREASED 2" EA. SIDE
5. THE ABOVE FOUNDATION PLAN HAS 1/4" ADDED AT EACH MOD LINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. MAX VENT LENGTH AT SIDE WALLS IS 8'-0"
   MAX VENT LENGTH AT END WALLS IS 4'-0"
   MIN DISTANCE FROM VENT TO EDGE OF MODULE IS 2'-0"
   MIN DISTANCE BETWEEN VENTS IS 2'-0"

PC
CBC 1998

REVISED OCT 16 2000
REVISED OCT 19 2000

FOUNDATION PLAN

BELOW GRADE CONCRETE
SCALE: 1/4" = 1'-0"

REVISIONS			
1	10/18/00	MODTECH FIX	KK
2	PVH	ADD DELETE VENT NOTE	KK/ZS/01
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. PRINCE
OREGON 2956
EXP. 9-30-02
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC — FLS SS SK
DATE SEP 07 1999
REVISED AUG 31 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124
MODTECH Index No.

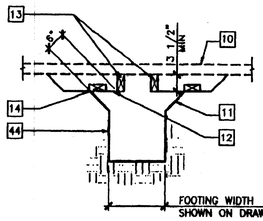
FOUNDATION PLAN BGC – 100, 125 PSF

F3.02

PC- 04-101268

PROJECT NO. 4373

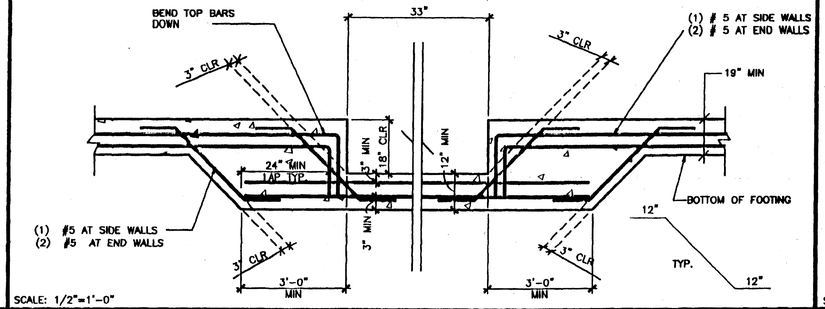
FILE PATH: 2440-F3.02.DWG



NOTES:
1. FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS PROVIDED THE FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
2. FOOTING WIDTHS SHALL NOT BE MORE THAN 4" WIDER THAN SHOWN ON PLAN.
3. FORMWORK NOT PERMITTED BELOW GRADE UNLESS FULLY FORMED.

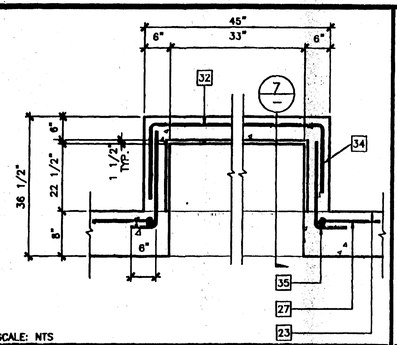
SCALE: NTS

FOOTING FORMS - PERMANENT | 16



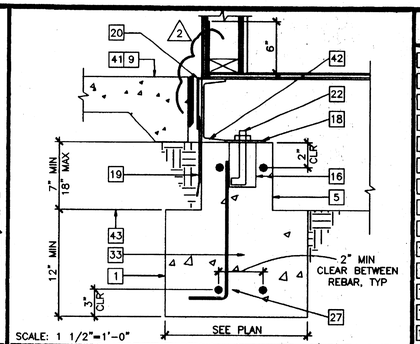
SCALE: 1/2"=1'-0"

ACCESS VENT ELEVATION | 9



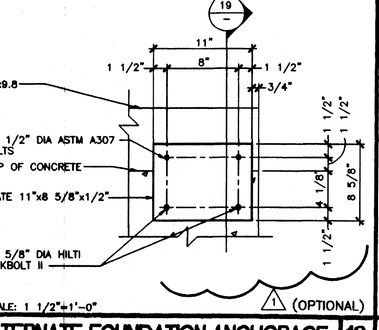
SCALE: NTS

ACCESS VENT | 5



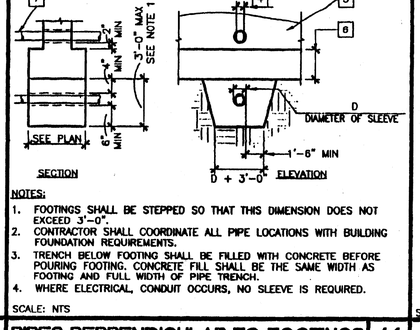
SCALE: 1 1/2"=1'-0"

TYPICAL ENDWALL FOOTING | 1



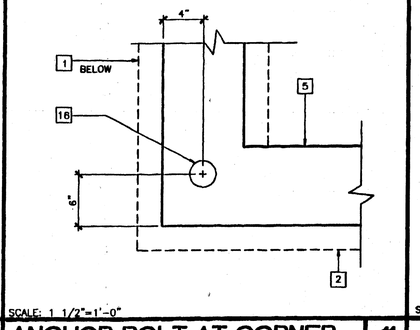
SCALE: NTS (OPTIONAL)

ANCHOR BOLT AT ADJACENT BUILDING | 17



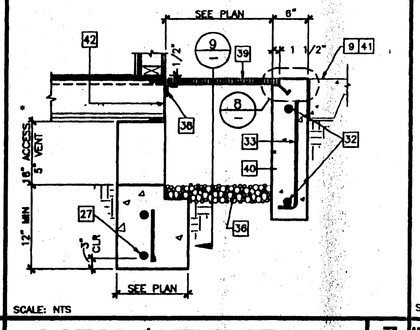
SCALE: 1 1/2"=1'-0"

CURB AND WALKWAY AND DOOR | 13



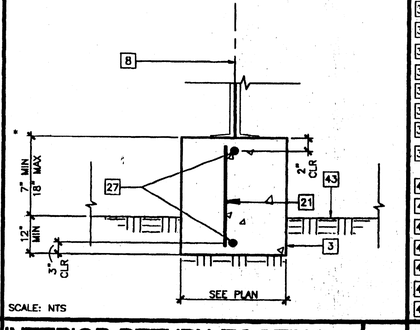
SCALE: 1 1/2"=1'-0"

ALTERNATE VENT AT ABOVE GRADE CONDITION | 10



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

TYPICAL VENT | 6



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

TYPICAL SIDEWALL FOOTING | 2

SCALE: 1 1/2"=1'-0" (OPTIONAL)

ALTERNATE FOUNDATION ANCHORAGE | 18

NOTES:
1. FOOTINGS SHALL BE STEPPED SO THAT THIS DIMENSION DOES NOT EXCEED 3'-0".
2. CONTRACTOR SHALL COORDINATE ALL PIPE LOCATIONS WITH BUILDING FOUNDATION REQUIREMENTS.
3. TRENCH BELOW FOOTING SHALL BE FILLED WITH CONCRETE BEFORE POURING FOOTING. CONCRETE FILL SHALL BE THE SAME WIDTH AS FOOTING AND FULL WIDTH OF PIPE TRENCH.
4. WHERE ELECTRICAL CONDUIT OCCURS, NO SLEEVE IS REQUIRED.

SCALE: NTS

PIPES PERPENDICULAR TO FOOTINGS | 14

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

ANCHOR BOLT AT CORNER | 11

SCALE: NTS

ACCESS / VENT SECTION | 7

SCALE: NTS

INTERIOR RETURN FOOTING | 3

SCALE: 1 1/2"=1'-0" (OPTIONAL)

ALTERNATE FOUNDATION ANCHORAGE | 19

NOTE:
USE STAKE PULLER TO REMOVE STEEL STAKES. DO NOT BANG TO LOOSEN.

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

FOOTING FORMS - TEMPORARY | 15

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

PC
CBC 1998

ANCHOR BOLT AT MODLINE | 12

SCALE: NTS

GRATING SUPPORT | 8

SCALE: NTS

INTERIOR PAD FOOTING | 4

KEY NOTES

1	END WALL FOOTING – SEE FOOTING SCHEDULE
2	SIDE WALL FOOTING – SEE FOOTING SCHEDULE
3	MODLINE RETURN FOOTING – SEE FOOTING SCHEDULE
4	SLEEVE DIAMETER 2" LARGER THAN PIPE DIAMETER
5	STEM WALL
6	FOOTING, FOR PIPES IN THIS AREA LOWER FOOTING SO PIPES PASS THROUGH STEM WALL
7	PIPE THROUGH STEM WALL
8	MODLINE
9	CONCRETE FLATWORK (BY DISTRICT)
10	STARTER WALL AFTER SET. CLEAN TO REMOVE LAITANCE AND SCUM
11	CUT BACK SPALL
12	CONTINUOUS CLEAN-OUT. STAKES NOT PERMITTED WITHIN FOOTING AREA
13	MINIMUM FORMWORK (UNLESS FULLY FORMED)
14	2x PLANKING
15	CONCRETE INTERIOR PAD FOOTING – SEE FOUNDATION PLAN FOR SIZES
16	3" DIAx5" DEEP CANOUT IN FOUNDATION (BY CONCRETE SUBCONTRACTOR)
17	OPTION 1: 12 GA GALVANIZED EXPANDED DIAMOND MESH. EMBED 1 1/2" INTO WET CONCRETE AT 2 SIDES AND BOTTOM OPTION 2: 3/16"x1 1/2"x1 1/2" GALVANIZED ANGLE FRAME WITH 12 GA GALVANIZED EXPANDED DIAMOND MESH WELDED TO END OF INTERIOR ANGLE LEG. ANCHOR WITH 3 FASTENERS AT BOTTOM INTO CONCRETE AND 3 FASTENERS AT TOP INTO FLOOR CHANNEL.
18	ANCHOR PLATE. – 3/S1
19	COUNTER FLASHING (BY OTHERS)
20	GALVANIZED FLASHING, BY MODTECH
21	NOT USED
22	3/4" ANCHOR BOLT A307 WITH 5" EMBEDMENT OR 3/4" DIA THREADED ROD A36 WITH 5" EMBEDMENT 2
23	LINE OF BUILDING
24	DOOR
25	DOOR FRAME
26	ALUMINUM THRESHOLD
27	#5 TOP AND BOTTOM CONTINUOUS
28	(4) #5'S EACH WAY AT BOTTOM
29	4 – #5 X L VERTS
30	#4 SQUARE TIES AT 8" OC
31	#4 SQUARE TIES; 2 AT TOP OF FOOTING
32	#4 CONTINUOUS
33	#3 VERTICAL AT 24" OC
34	LAP 4"
35	STANDARD 90° HOOK TYPICAL
36	DRYWELL 3" DEEP WITH 3/8" PEA GRAVEL (ONLY AT ACCESS)
37	3/8" DIA x3" ANCHOR BOLT WELDED TO ANCHOR FRAME 2 4
38	1 1/4"x1"x1/4" ANGLE FRAME
39	HORZONTAL GRATE: GRATE OPENING TO BE MAXIMUM 1" EXCEPT 1/2" IN PATH OF TRAVEL (UPGRADE CHANGE ORDER REQUIRED), SEE ARCHITECTURAL SITE PLAN 2
40	CONCRETE AREAWAY WALL
41	FINISH GRADE
42	STEEL FLOOR FRAME
43	FINISH PAD ELEVATION – REFER TO GENERAL NOTES
44	NEAT CUT TRENCH
45	4" BUILDING SEPARATION AT ADJACENT BUILDING – OPTIONAL
46	BUILDING LINE

NOTES

* 1. 11" MINIMUM 30" MAXIMUM FOR ALL BUILDINGS 2160 SQUARE FEET OR OVER

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE DEC 05 2002

REVISED MAY 31 2001
REVISED JAN 4 2001
REVISED OCT 19 2000

FOOTING FORMS - TEMPORARY | 15

ALTERNATE FOUNDATION ANCHORAGE | 19

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	9/21/00
2	SP	MODTECH ENGINEERING CHANGE	09/28/00
3		MODTECH FIX	10/19/00
4	FVH	CHANGE 3/4 TO 3/8 BOLT	5/30/01
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT GEORGE C. SPRINGER No. C 2956 REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE NOV 07 2000
REVISED OCT 02 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

FOUNDATION DETAILS BELOW GRADE CONCRETE

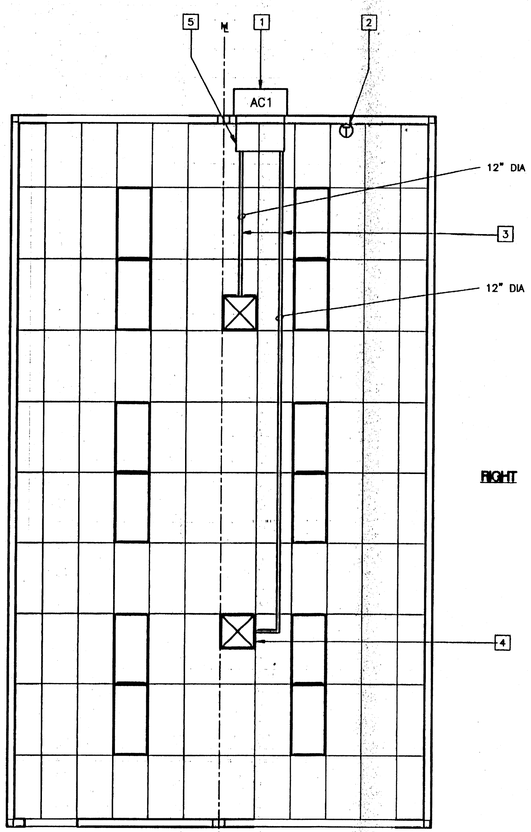
F3.11

PROJECT NO. 4373

PC-04-101268

FILE PATH: 2440-F3.11.DWG

REAR



LEFT

RIGHT

FRONT

MECHANICAL (HVAC) PLAN (24'x40')

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

PC

CBC 1998

KEY NOTES

1. AC1: WALL MOUNT 3.5 TON HEAT PUMP WITH 5KW HEATER OLA AND CALIFORNIA STATE ENERGY APPROVED 208/230V, 1 PHASE, 59 AMP WEIGHT 515 LBS
2. THERMOSTAT AT 48" AFF (SEE SPECS)
3. FLEX DUCT
4. 15"x15" 4 WAY SUPPLY AIR GRILLE
5. 10"x30"x24" PLENUM (SEE SPECS)

NOTES

1. INSULATION APPLIED TO EXTERIOR SURFACE OF DUCTS LOCATED IN BLDGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE-DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION. INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED

2. SCHOOL EQUIPMENT ANCHORAGE

   THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:

   THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM CCR TITLE 24, SECTION 1632A AND TABLE 16A-O. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS AND HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

   ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

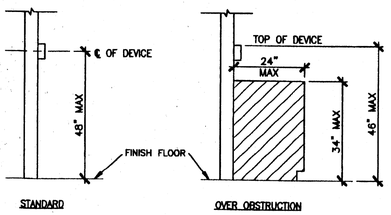
EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

   FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.

   THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE , Z = 4

   WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
FLB
DEC 0 5 2002



DEVICE MOUNTING 1

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

LICENSED ARCHITECT GEORGE C. POWERS No. C 2956 REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
DATE SEP 0 7 1999

REVISED OCT 2 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373

COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

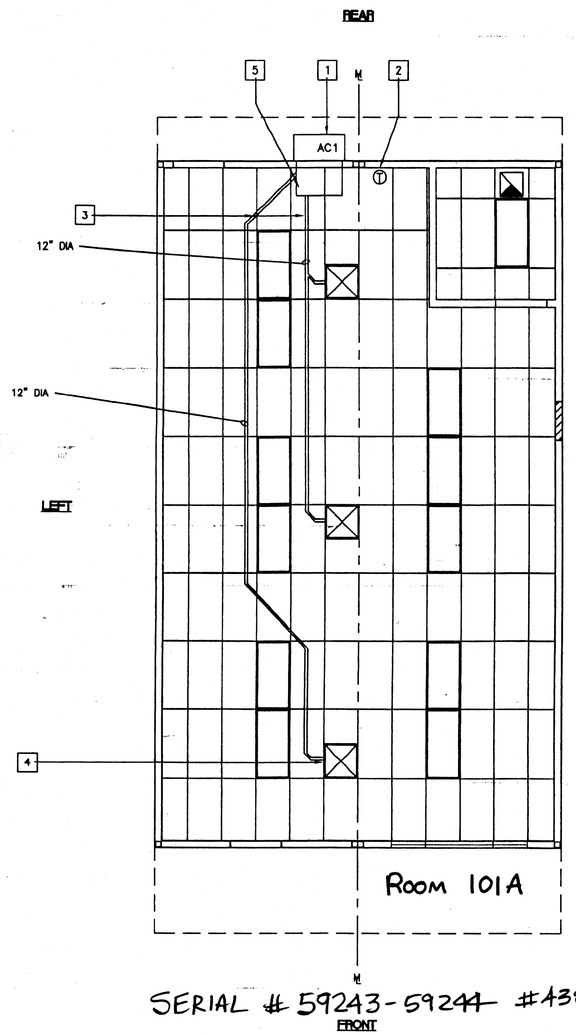
MECHANICAL (HVAC) PLAN 24'x40'

M1.01

PROJECT NO. 4373

PC-04-101268

FILE PATH: 2440-M1.01.DWG



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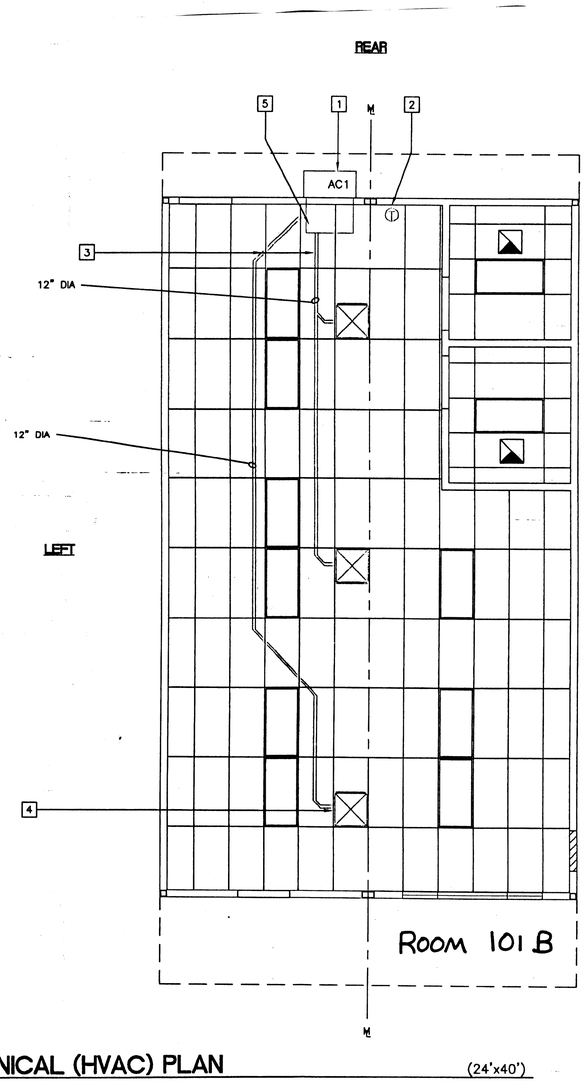


MECHANICAL (HVAC) PLAN (24'x40')

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

REVISED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE DEC 19 2002

BASED ON PC04-101268

KEY NOTES

1. AC1: WALL MNT. *BARO* 3.5 TON HEAT PUMP WITH 5KW HEATER OLA AND CALIFORNIA STATE ENERGY APPROVED 208/230V, 1 PHASE, 28 AMP WEIGHT 510 LBS
2. ENERGY MANAGEMENT SYS. CONTROLS PER CHINO U.S.D. PARKER-CORNER THERMOSTAT M301E *SEE 4/E1.01*
3. FLEX DUCT
4. 15"x15" 4 WAY SUPPLY AIR GRILLE
5. 10"x30"x24" PLENUM (SEE SPECS)

NOTES

1. INSULATION APPLIED TO EXTERIOR SURFACE OF DUCTS LOCATED IN BLDGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE-DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION. INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED
2. SCHOOL EQUIPMENT ANCHORAGE

   THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:

   THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM CCR TITLE 24, SECTION 1632A AND TABLE 16A-O. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS AND HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

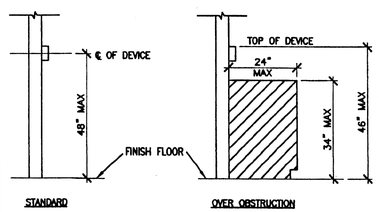
   ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

   FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.

   THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE , Z = 4

   WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE FIELD ENGINEER OF THE DIVISION OF THE STATE ARCHITECT.



DEVICE MOUNTING 1

FILE PATH: 2440-M1.01.DWG

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT GEORGE C. EDWARDS Lic. C 2956 REN. 9-30- STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4384
CHINO
CLASS LEASING

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
4012-124 12/05/2002 80 MPH

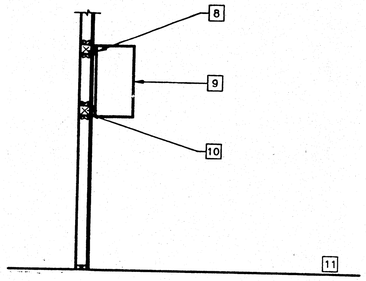
DRAWN BY: SW
DATE: 6/26/01
CHECKED BY:
DATE:

MODTECH Index No.

MECHANICAL (HVAC) PLAN 24'x40'

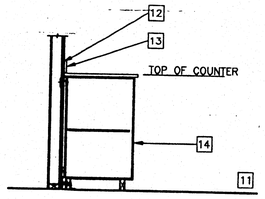
M1.01 C

PC- 04-101268 PROJECT NO.3883



SCALE: NTS (OPTIONAL)

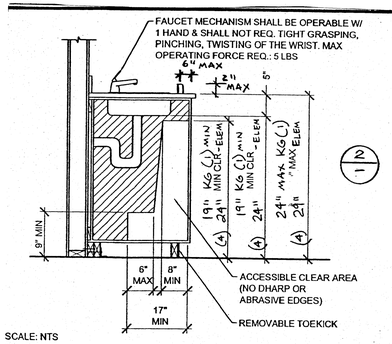
WALL HUNG CABINET ANCHORAGE



NOTES:
1. SEE PLANS AND ELEVATIONS FOR EACH SPECIFIC DESIGN.
2. REMOVE TOE KICK AND BASE FOR ACCESSIBLE CONDITION

SCALE: NTS (OPTIONAL)

BASE CABINET ANCHORAGE



SCALE: NTS

SINK ACCESSIBILTY

DIMENSION	A (INCHES)	SUGGESTED E (INCHES)	SUGGESTED K (INCHES)
TOILET CENTERING FROM WALL	18"	15"*	12"*
TOILET SEAT HEIGHT/DIM TO TOP OF SEAT	17"-19"	15"	10"-12"
GRAB BAR HEIGHT (SIDE)	33"	27"	20"-22"
TOILET PAPER IN FRONT OF TOILET (RECESSED OR SEMI-RECESSED)	12" MAX	6" MAX*	6" MAX*
NAPKIN DISPOSAL IN FRONT OF TOILET	12" MAX	12" MAX	N/A
DISPENSER OR MIRROR HEIGHT	40" MAX	36" MAX	32" MAX
LAVATORY/SINK TOP HEIGHT	34" MAX	29" MAX	24" MAX
LAVATORY/SINK KNEE CLEARANCE	27" MIN	24" MIN	19" MIN
URINAL LIP HEIGHT	17" MAX	15" MAX	13" MAX
URINAL FLUSH HANDLE HEIGHT	44" MAX	37" MAX	32" MAX
DRINKING FOUNTAIN BUBBLER HEIGHT	36" MAX	32" MAX	30" MAX
DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN	24" MIN	22" MIN
RAMP/STAIR HANDRAIL HEIGHT	34"-38"	27"	22"
BUBBLER HEIGHT	2"	3"	6"
SINK DEPTH (FOR CLEARANCE)	7" MAX	5" MAX	5" MAX
		(4)	(1)

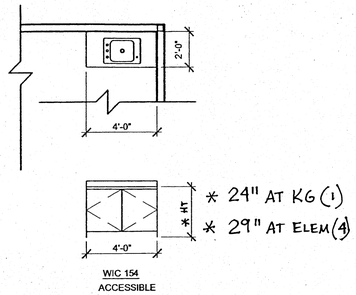
A = ADULT DIMENSIONS (AGE 12 AND OVER)
E = ELEMENTARY DIMENSIONS
K = KINDERGARTEN AND PRE-SCHOOL DIMENSIONS
* = DEVIATES FROM CODE REQUIREMENTS AND REQUIRES A WRITTEN FINDING OF UNREASONABLE HARDSHIP

NOTE: DIMENSIONS FROM 2001 CBC TABLE 1115B-1

ACCESSIBILITY

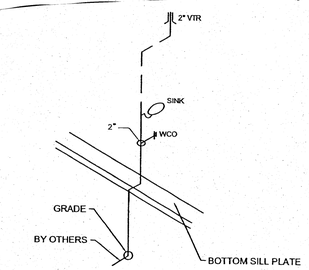
KEY NOTES

1	FAUCET MECHANISM SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. MAX OPERATING FORCE REQUIRED: 5lbs.
2	ACCESSIBLE CLEAR AREA (NO SHARP OR ABRASIVE EDGES)
3	REMOVABLE TOEKICK
4	SILL PLATE
5	GRADE
6	SOV
7	BY OTHERS
8	#12 WOOD SCREWS MIN. 12" OC MIN 2 1/2" INTO 3x4 BLOCKING 2 SCREWS PER CABINET AT EACH BACKING LOCATIONS TYPICAL
9	WALL HUNG CASEWORK
10	ANCHORAGE: 3x4 BLOCKING WITH PAIR OF SIMPSON A35 FRAMING CLIPS EACH END OF EACH BLOCK VERIFY VERTICAL SPACING
11	FINISH GRADE
12	4"x22 GA CONTINUOUS METAL STRAPS WITH #14 STSMS AT 24" OC
13	BACK SPLASH
14	BASE CABINET
15	TALL CASEWORK
16	TOP SET BASE



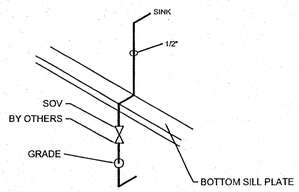
WIC 154
ACCESSIBLE

TYPICAL SINK CABINET



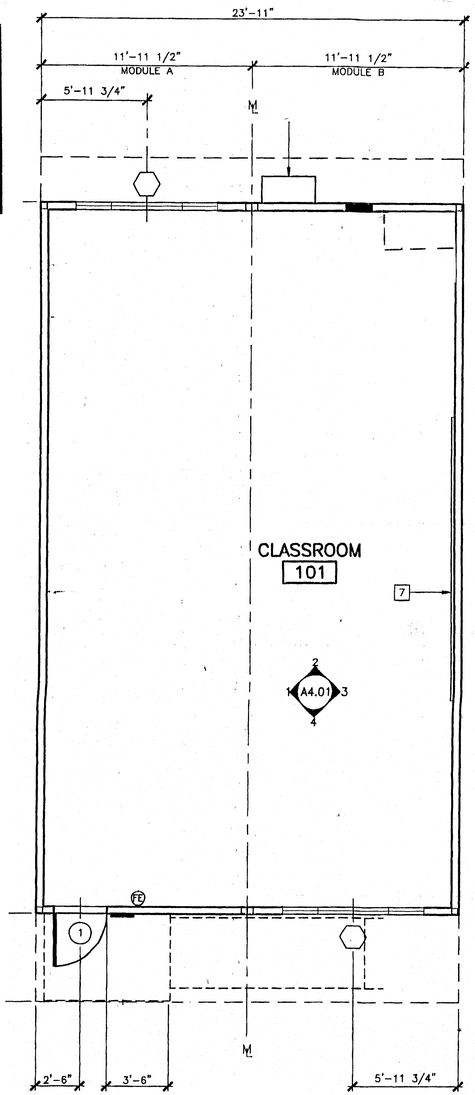
SCALE: NTS PIPE SHALL BE TYPE ABS

SINK CABINET WASTE



SCALE: NTS PIPE SHALL BE TYPE 'L' COPPER

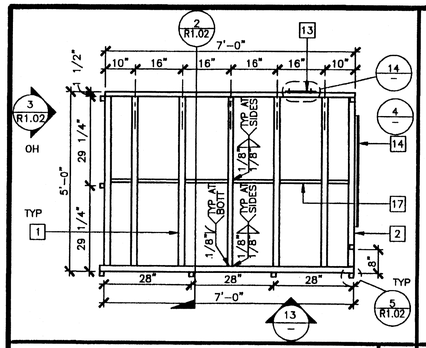
SINK CABINET COLD WATER SUPPLY



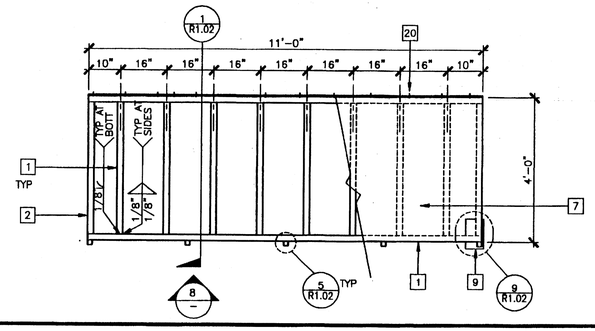
REVISIONS	BY

CLASS LEASING INC
PO BOX 51150
RIVERSIDE CA 92517-2150

DATE	
SCALE	
DRAWN	
JOB	
SHEET	
OF	SHEETS

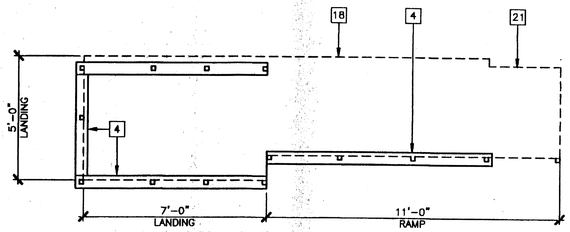


LANDING FRAME 12



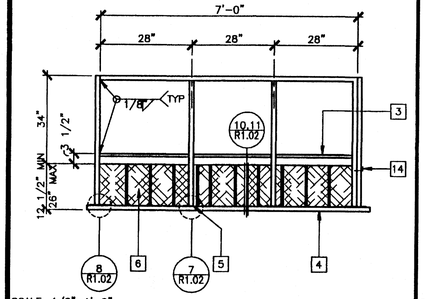
SCALE: NTS

RAMP FRAME 7



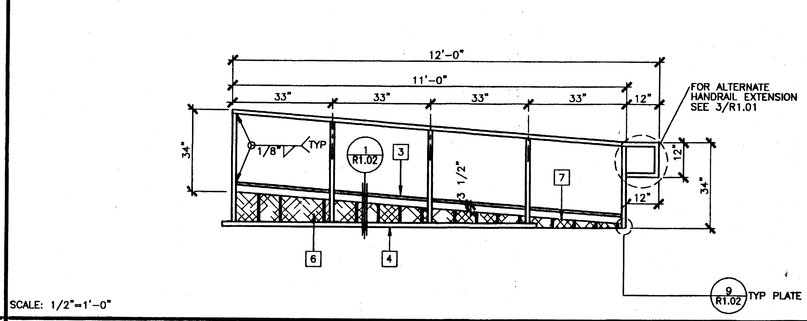
SCALE: 3/8"=1'-0"

SILL PLAN FOR RAMP AND LANDING 1



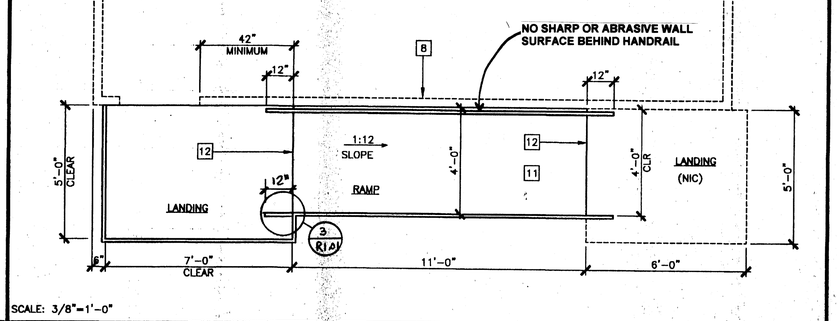
SCALE: 1/2"=1'-0"

LANDING ELEVATION 13



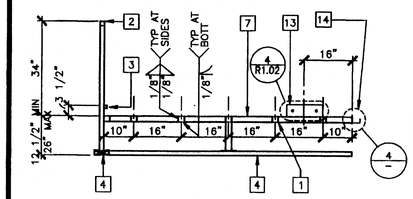
SCALE: 1/2"=1'-0"

RAMP ELEVATION 8



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

RAMP AND LANDING AT BUILDING 2



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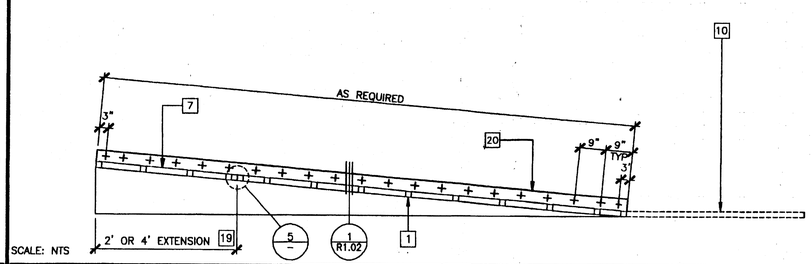
SECTION AT LANDING 14



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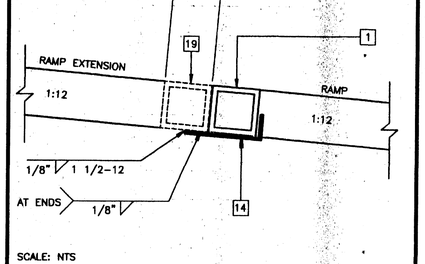
LONGITUDINAL SECTION AT RAMP 9



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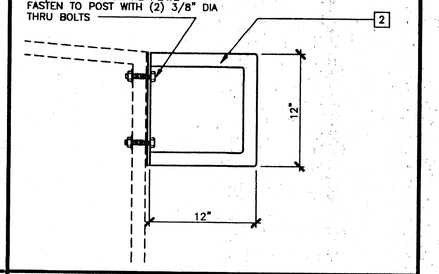
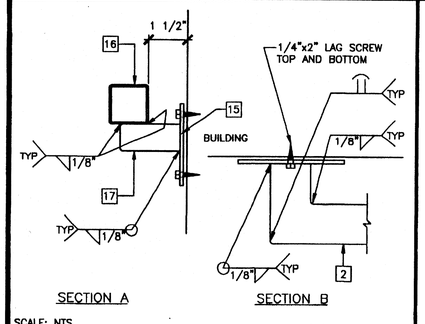
RAMP EXTENSION TO RAMP 5

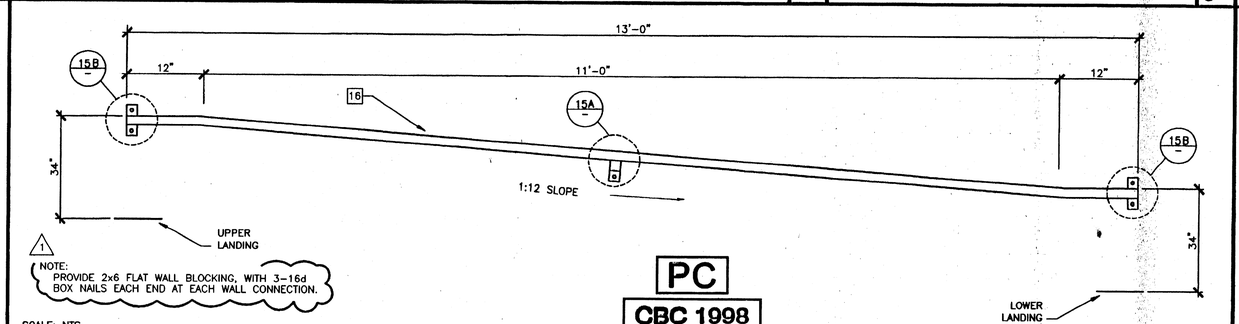


ALTERNATE GUARD RAIL EXTENSION 3



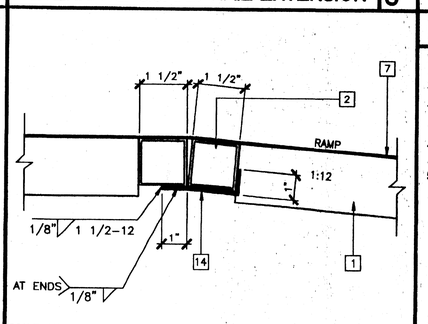
SCALE: NTS

HANDRAIL CONNECTION 15



SCALE: NTS

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) 6



SCALE: NTS

RAMP AT LANDING 4

KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI). ROUNDED OR BEVELED AT CORNERS.
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH (2) 1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TUBE STEEL USE #14x2" TEK SCREWS AT 6" OC
7. 12 GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR
8. EXISTING BUILDING
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. 2"x4"x 1/8" PLATE
16. TS 1 1/2"x1 1/2"x14 GA HANDRAIL – CONTINUOUS AND UNINTERRUPTED ROUNDED OR BEVELED AT CORNERS.
17. TS 1"x1"x16 GA
18. LINE OF RAMP/LANDING ABOVE
19. RAMP EXTENSION FRAME
20. 6"x10 GA CONTINUOUS PLATE WITH 1/4"x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO STEEL AT 9" OC
21. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
24. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
FLS SS
DATE DEC 05 2002

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

FILE PATH: 2440-R1.01.DWG

PC-04-101268 PROJECT NO. 4373

REVISIONS

	SP	MODTECH ENGINEERING CHANGE	09/28/00
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC DT FLS SS GM
DATE SEP 07 2006
REVISED OCT 0

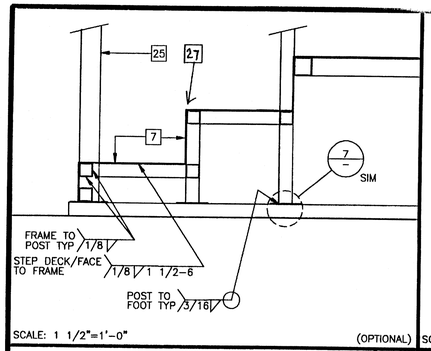
MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, ~~4398~~, 4438
4474, 4505, 4525

RAMP/LANDING

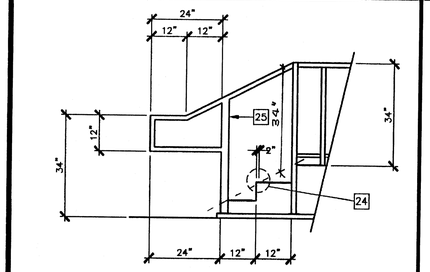
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
R1.01



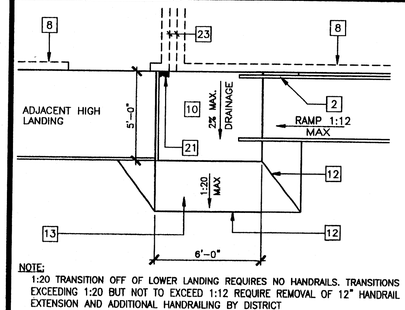
SCALE: 1 1/2"=1'-0" (OPTIONAL)

STAIR SECTION 16



SCALE: 1/2"=1'-0" (OPTIONAL)

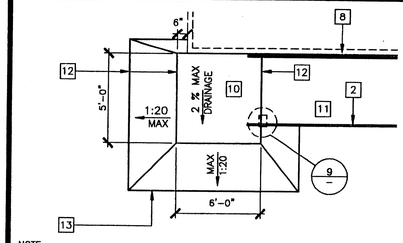
STAIR ELEVATION 17



NOTE:
1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS. TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT

SCALE: NTS (BY DISTRICT)

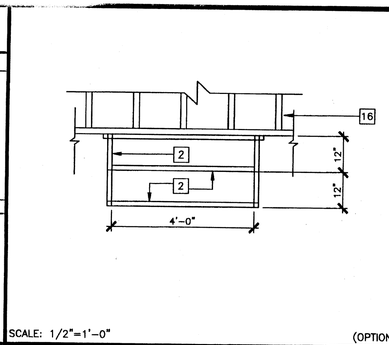
RAMP TRANSITION 18



NOTE:
1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS. TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT

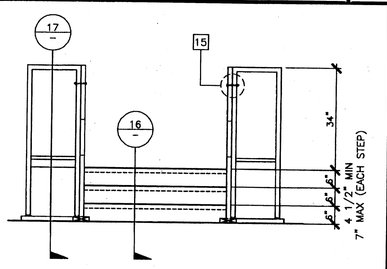
SCALE: NTS (BY DISTRICT)

RAMP TRANSITION 19



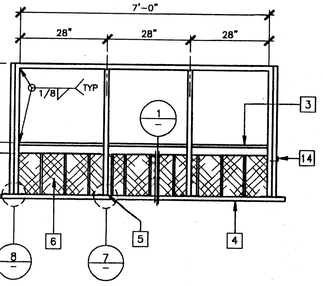
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR FRAMING PLAN 12



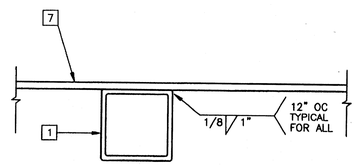
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR ELEVATION 13



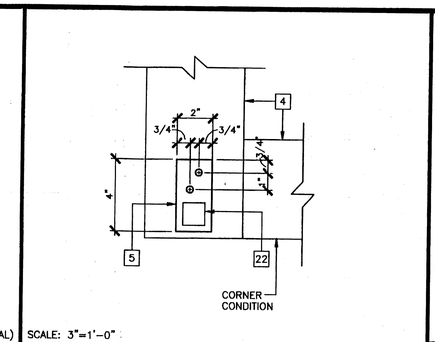
SCALE: NTS

LANDING ELEVATION 14



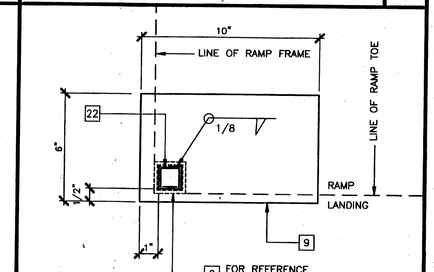
SCALE: NTS

SECTION AT INTERIOR FRAME 15



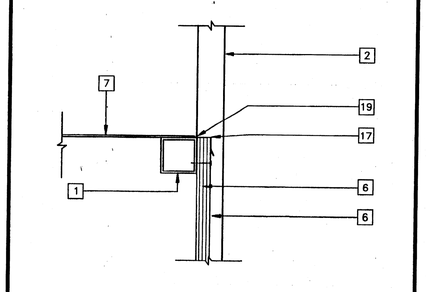
SCALE: 3"=1'-0"

ADJUSTABLE LEG BASE PLATE 8



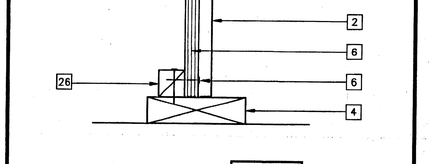
SCALE: 3"=1'-0"

BASE PLATE AT RAMP TOE 9



SCALE:3"=1'-0"

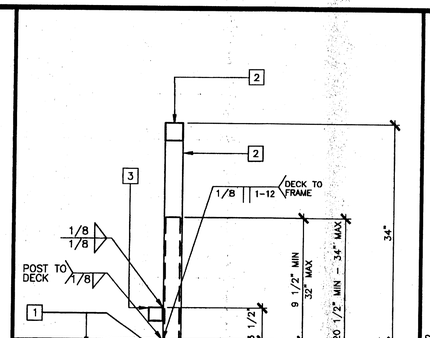
SKIRT FLASHING 10



PC
CBC 1998

SCALE: 3"=1'-0"

SKIRT AT SILL PLATE 11



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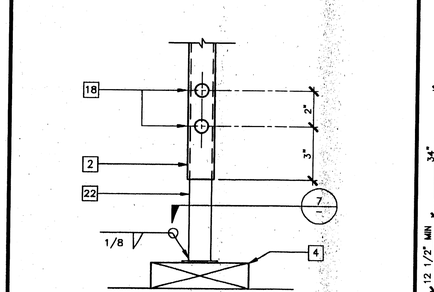
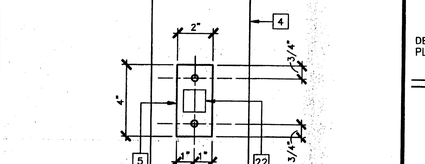
ADJUSTABLE LEG 5



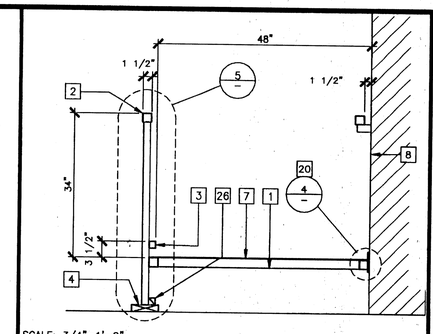
SCALE: 3"=1'-0"

ADJUSTABLE LEG 6



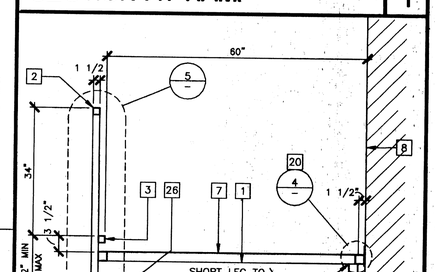
SCALE: 3"=1'-0"

ADJUSTABLE LEG BASE PLATE 7



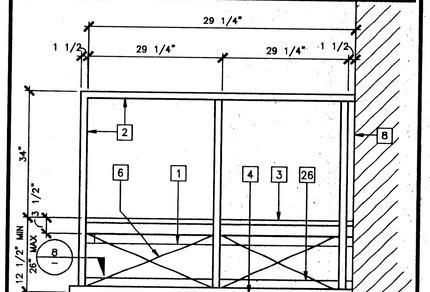
SCALE: 3/4"=1'-0"

SECTION AT RAMP 1



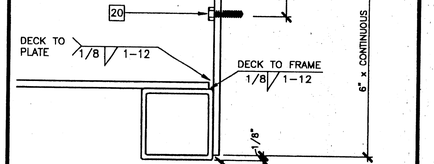
SCALE: 3/4"=1'-0"

SECTION AT LANDING 2



SCALE: 3/4"=1'-0"

END ELEVATION 3



SCALE: NTS

SECTION AT PLATE 4

KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI) ROUNDED OR BEVELED AT CORNERS.
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH 2-1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TS. USE #14x2" TEK SCREWS AT 6" OC
7. 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
8. EXISTING BUILDING.
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE.
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. PAVE BY DISTRICT
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. FASTEN POSTS WITH 3/8" DIA THRU BOLT, TYPICAL
16. RAMP LANDING, TYPICAL
17. 26 GA FLASHING
18. 3/8" DIAx2" LONG MB WITH NUT & WASHERS
19. CAULKING
20. 6"x10GA CONTINUOUS PLATE WITH #14x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO METAL AT 9" OC
21. PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
22. TS 1 1/4"x1 1/4"x14 GA (Fy = 39 KSI)
23. 4" MINIMUM BUILDING SEPARATION
24. 2" SLIP RESISTANT WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
25. TS 2 1/2"x1 1/2"x8 GA ASTM A500 GRADE A
26. 2"x2" NAILER WITH 16d AT 12" OC
27. PROVIDE ROUNDED OR BEVELED EDGES ON STAIR NOSING.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 104812
APPD FLS SS
DATE DEC 05 2002

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
JUSTIN SIMONS
EXPIRES 6-30-2000

Architects Seal
GEORGE C. SAUNDERS No. C 2956 LICENSED ARCHITECT REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC DT FLS SS
DATE SEP 07 1000

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, 4[illegible], 4438 4474, 4505, 4525

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

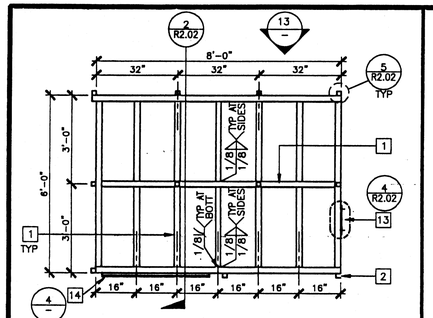
MODTECH Index No.

RAMP/LANDING DETAILS

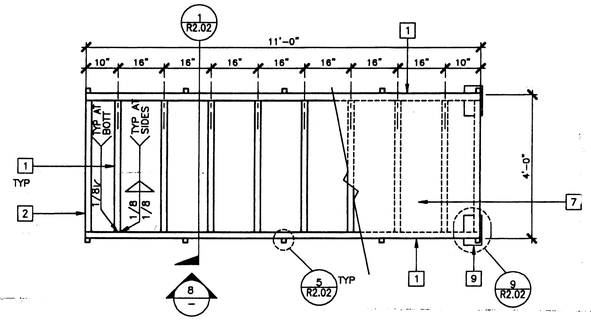
R1.02

PROJECT NO. 4373
PC-04-101268

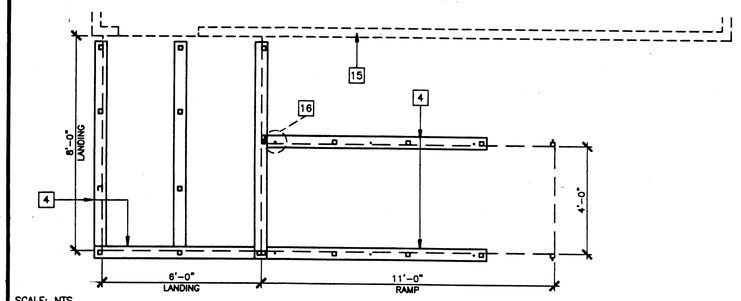
FILE PATH: 2440-R1.02.DWG



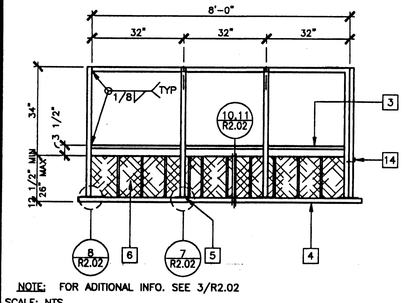
LANDING FRAME | 12



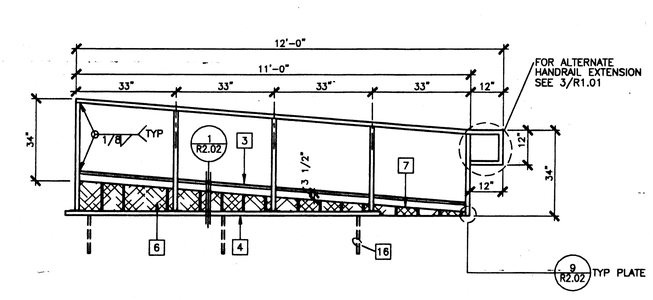
RAMP FRAME | 7



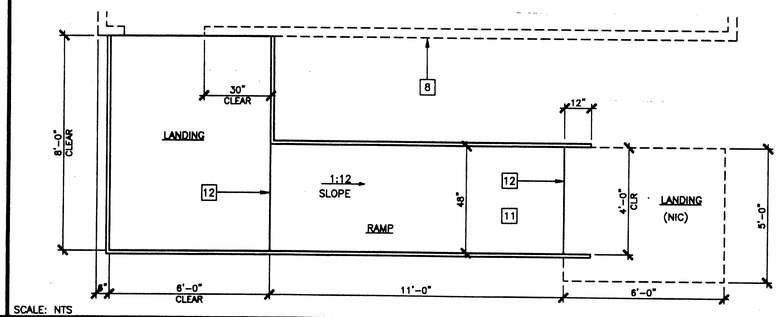
SILL PLAN FOR RAMP AND LANDING | 1



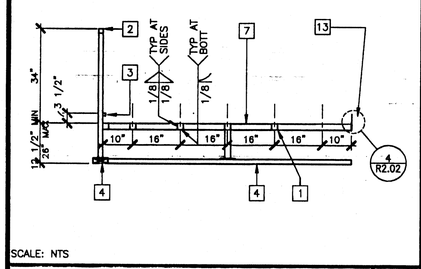
LANDING ELEVATION | 13



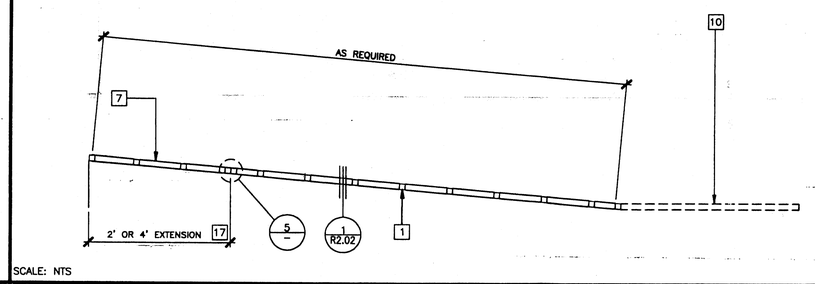
RAMP ELEVATION | 8



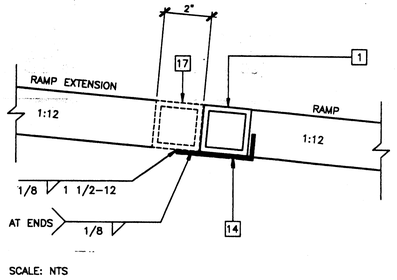
RAMP AND LANDING AT BUILDING | 2



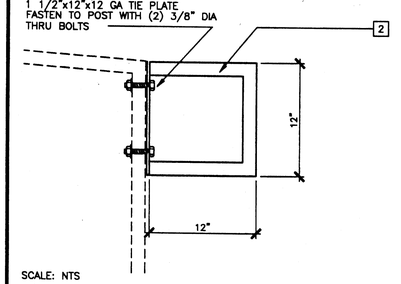
LONG. SECTION AT LANDING | 14



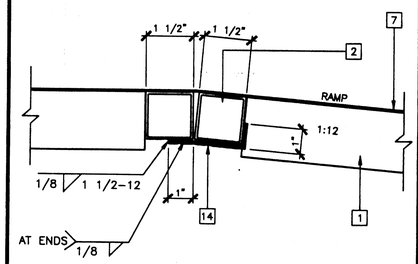
LONGITUDINAL SECTION AT RAMP | 9



RAMP EXTENSION TO RAMP | 5



GUARD RAIL EXTENSION | 3



RAMP AT LANDING | 4

KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI)
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH (2) 1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12"OC FIELD. AT EDGE CONNECTION TO T.S. USE #14x2" TEK SCREWS AT 6" OC
7. 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR
8. EXISTING BUILDING
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. LINE OF RAMP/LANDING ABOVE
16. SILL RESTRAINT PIPE 1" DIA - MINIMUM 12" EMBEDMENT
17. RAMP EXTENSION FRAME

REVISED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
APPD FLS SS
DATE DEC 19 2002

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

PC

CBC 1998

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSE EXPIRES 6-30-2000

Architects Seal
LICENSED ARCHITECT GEORGE C. MODTECH No. C 2956 REN. 9-30- STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4012-124

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
4012-124 12/05/2002 80 MPH

DRAWN BY:
DATE:
CHECKED BY:
DATE:

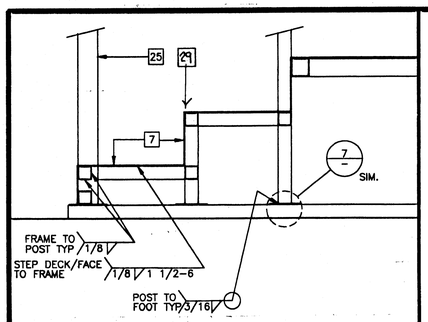
MODTECH Index No.

RAMP/LANDING

R2.01

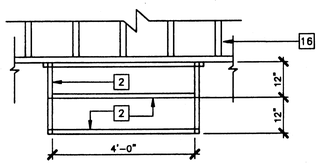
PC-04-101268 PROJECT NO.

FILE PATH: 2440-R2.01.DWG



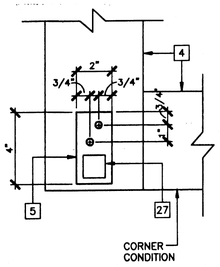
SCALE: 1 1/2"=1'-0" (OPTIONAL)

STAIR SECTION 16



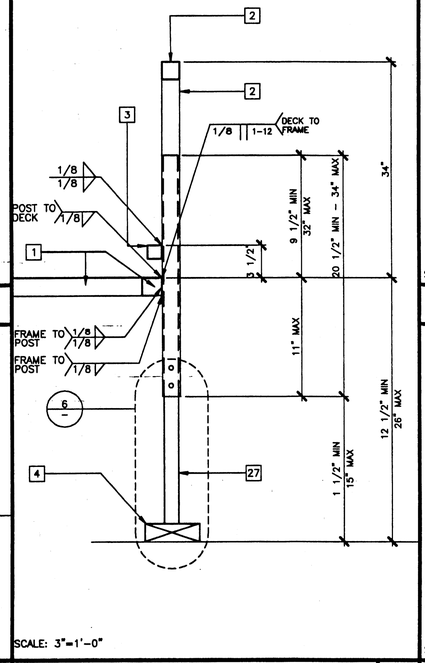
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR FRAMING PLAN 12



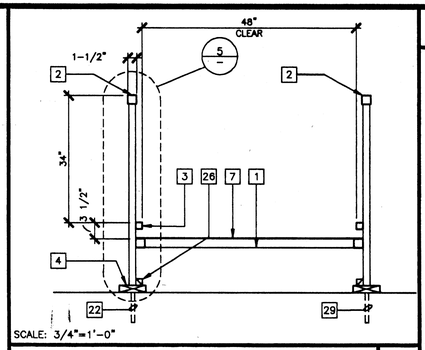
SCALE: 3"=1'-0"

ADJUSTABLE LEG BASE PLATE 8



SCALE: 3"=1'-0"

ADJUSTABLE LEG 5

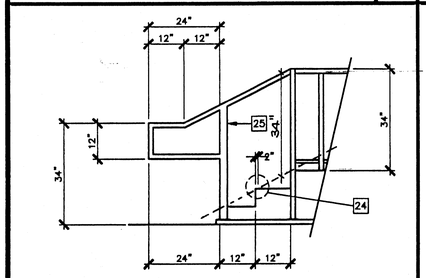


SCALE: 3/4"=1'-0"

SECTION AT RAMP 1

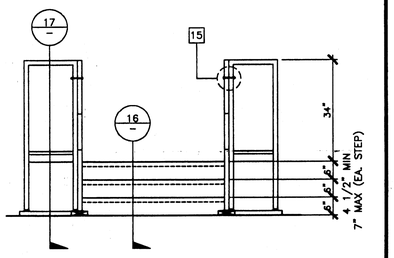
KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI)
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH 2-1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14x2" TEK SCREWS AT 6" OC
7. 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
8. EXISTING BUILDING.
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE.
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. PAVE BY DISTRICT.
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. FASTEN POSTS WITH 3/8"ø THRU BOLT, TYPICAL
16. RAMP LANDING, TYPICAL
17. 26 GA FLASHING
18. 3/8"øx2" LONG MB WITH NUT & WASHERS
19. CAULKING
20. 6" x 10GA CONTINUOUS PLATE W /#14 x 2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL AT 9"OC
21. PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
22. SILL RESTRAINT PIPE 1"ø - 12" MINIMUM EMBEDMENT
23. 3" MINIMUM BUILDING SERERATION
24. 2" SLIP RESISTANT WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
25. TS 2 1/2"x1 1/2"x8 GA ASTM A500 GRADE A
26. 2"x2" NAILER WITH 16d AT 12" OC
27. TS 1 1/4"x1 1/4"x14 GA (Fy = 39 KSI)
28. SILL RESTRAINT PIPE 1"ø - 12" MINIMUM EMBEDMENT WITH 2"x2"x1/4" CAP PLATE WELDED TO PIPE
29. PROVIDE ROUNDED OR BEVELED EDGES ON STAIR NOSING.



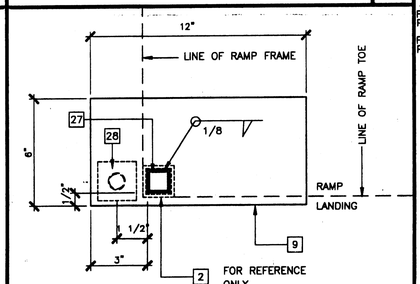
SCALE: NTS (OPTIONAL)

STAIR ELEVATION 17



SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR ELEVATION 13

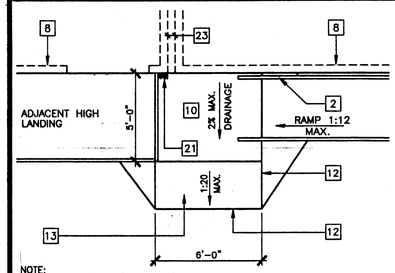


SCALE: 3"=1'-0"

BASE PLATE AT RAMP TOE 9

SCALE: 3/4"=1'-0"

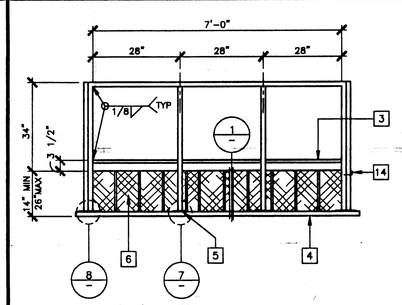
SECTION AT LANDING 2



NOTE:
1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS. TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT

SCALE: NTS (BY DISTRICT)

RAMP TRANSITION 18



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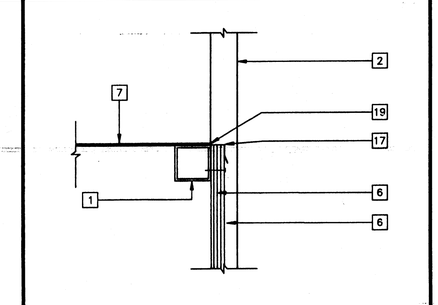
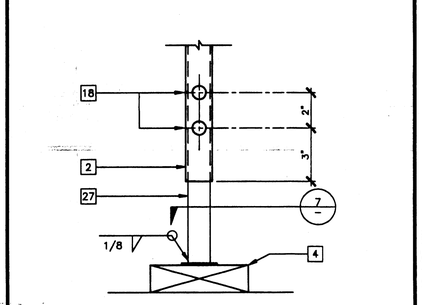
LANDING ELEVATION 14



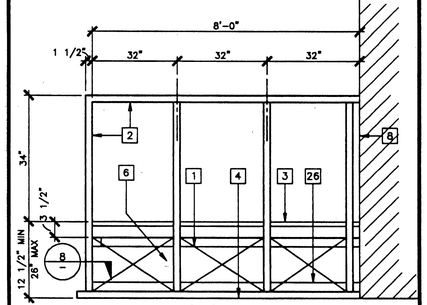
SCALE: NTS

SKIRT FLASHING 10



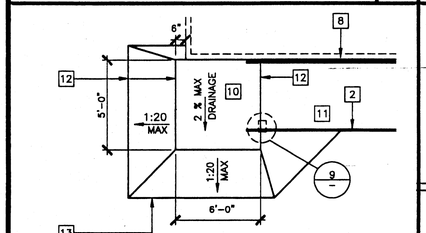
SCALE:3"=1'-0"

ADJUSTABLE LEG 6



SCALE: 3/4"=1'-0"

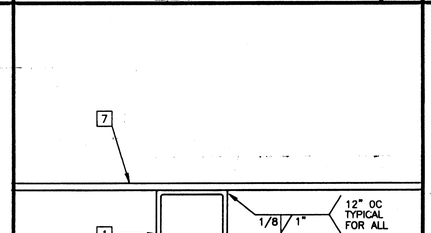
END ELEVATION 3



NOTE:
1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS. TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT

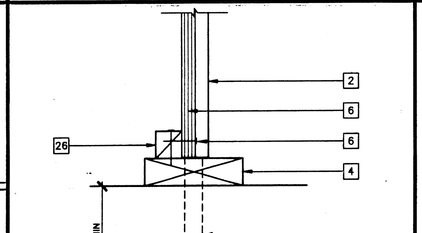
SCALE: 1/4" = 1'-0" (BY DISTRICT)

RAMP TRANSITION 19



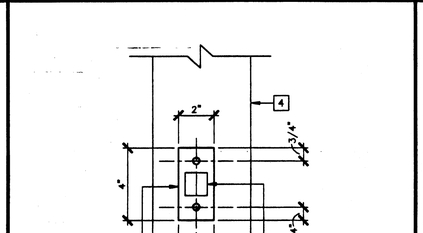
SCALE: NTS

SECTION AT INTERIOR FRAME 15



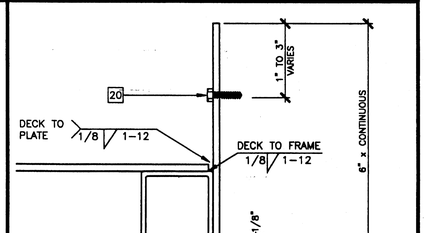
SCALE: 3"=1'-0"

SKIRT AT SILL PLATE 11



SCALE: 3"=1'-0"

ADJUSTABLE LEG BASE PLATE 7



SCALE: NTS

SECTION AT PLATE 4

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC. PLS SS
DATE SEP 07 2006

REVISED
IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC. PLS SS
DATE DEC 19 2002

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: [redacted]447

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
4012-124 12/05/2002 80 MPH

DRAWN BY:
DATE:
CHECKED BY:
DATE:

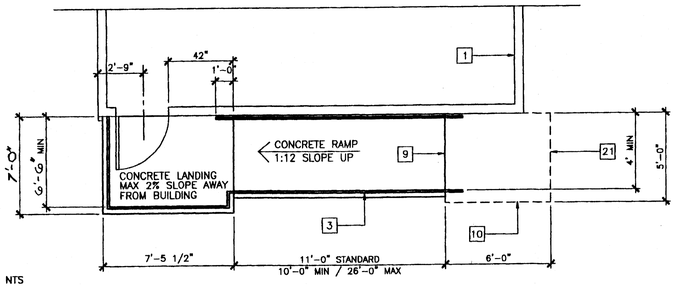
MODTECH Index No.

RAMP/LANDING DETAILS

R2.02

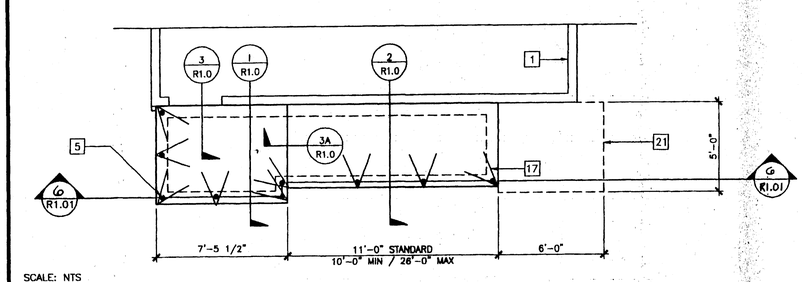
PROJECT NO. PC-04-101268

FILE PATH: 2440-R2.02.DWG



SCALE: NTS

RAMP PLAN AT BUILDING | 8



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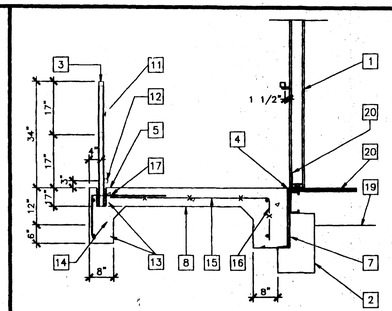
FOUNDATION PLAN | 5



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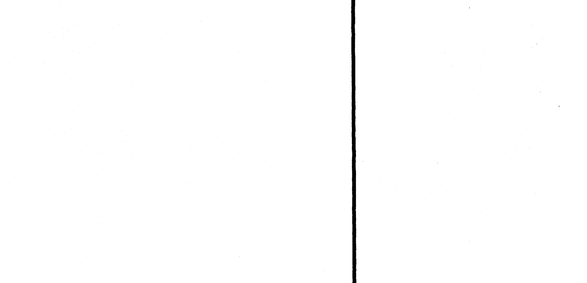
SECTION AT LANDING | 1



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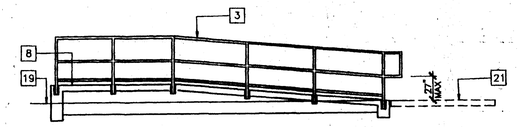
RAMP / LANDING ELEVATION | 9



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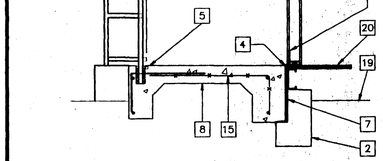
RAMP / LANDING SECTION | 6



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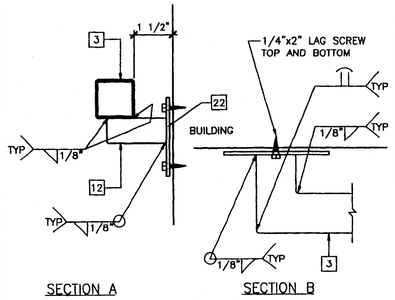
SECTION AT RAMP | 2



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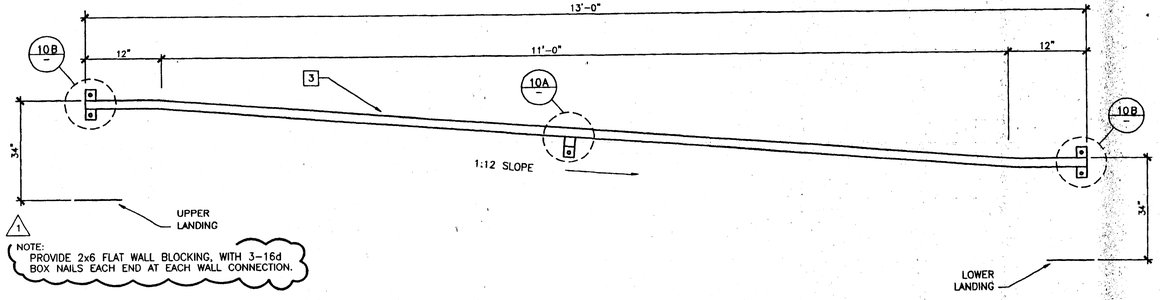
HANDRAIL CONNECTION | 10



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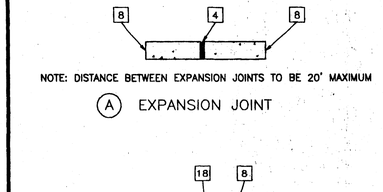
HANDRAIL ATTACHED TO BUILDING (OPTIONAL) | 7



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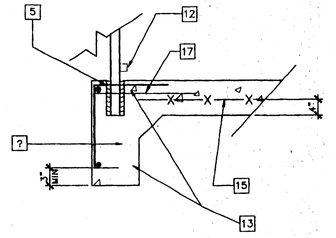
TYPICAL CONCRETE JOINTS | 3



SCALE: NTS

TYPICAL CANOUT SECTION | 4

KEY NOTES

1. CLASSROOM BUILDING
2. FOOTING. SEE BUILDING FOUNDATION PLAN
3. TS 1 1/2"x1 1/2"x14 GA HANDRAIL – CONTINUOUS AND UNINTERRUPTED
4. SEALANT OVER 1/2" COMPRESSIVE FILLER
5. 3" DIAx6" DEEP SCHEDULE 40 PVC CANOUT. REMOVE PVC, CLEAN OUT HOLE, PLACE RAIL LEG AND FILL WITH NON-SHRINKING GROUT.
6. 'Z' FLASHING BY MODTECH
7. 26 GA GALVANIZED FLASHING BY RAMP BUILDER
8. 6" CONCRETE SLAB OVER COMPACTED FILL WITH 6x6 10x10 WWM AT MID DEPTH OF SLAB.
9. SMOOTH TRANSITION
10. SMOOTH TRANSITION. LANDING TO PATH OF TRAVEL SURFACE
11. 1 1/2"x1 1/2"x0.188 (3/16") TUBE STEEL POSTS. ASTM A500 GRADE A FY = 39 KSI
12. 1"x1"x16GA TUBE STEEL WHEEL GAURD
13. (1) – #4 CONT
14. #4 24" AT 12" O.C.
15. 6x6–10x10 WWM
16. BEND MESH DOWN
17. #3x24"x24" HAIRPIN AT EACH TUBE VERTICAL
18. SCORED CONCRETE JOINT
19. FINISH GRADE LEVEL
20. FINISH FLOOR LEVEL
21. 5'x6' LANDING BY DISTRICT. 2% SLOPE MAX AWAY FROM BUILDING
22. 2"x4"x1/8" PLATE

NOTES

DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF THE FINISH FLOOR FROM GRADE IS 26", THEREFORE, IT IS POSSIBLE THAT THE ACCESS RAMP COULD BE 26" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 12' AT A SLOPE OF 1:12 THEREFORE THE ARCHITECT MUST DESIGN AND DETAIL FOR LENGTHS BEYOND THE 12' STANDARD AND MUST NOTIFY CLIENT AND MODTECH THAT A NON-STANDARD RAMP WILL BE REQUIRED.

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. LANDING AND RAMP TO HAVE NON SLIP SURFACE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLS BS
DATE DEC 05 2002

PC
CBC 1998

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. ROWLAND
REG. C 2956
REN. 9-30
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC
DATE OCT 07 1999
REVISED OCT 02 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

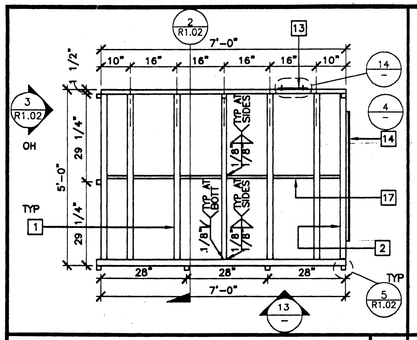
PROJECT NUMBER: 4373
COLTON U.S.D.

DRAWN BY: KK 4012-124
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 12/5/02

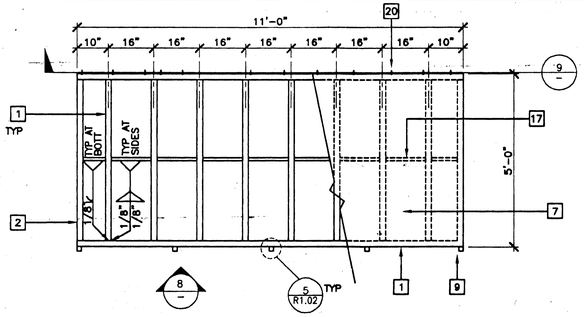
MODTECH Index No.
R4.01

CONCRETE RAMP / LANDING

PROJECT NO. 4373
PC-04-101268
FILE PATH: 2440-R1.0.DWG

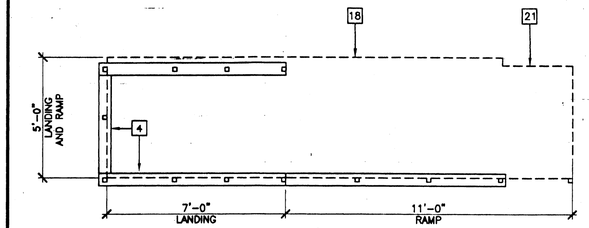


LANDING FRAME | 12



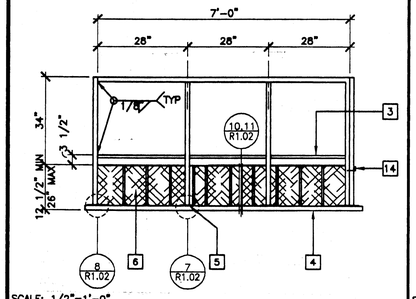
SCALE: NTS

RAMP FRAME | 7



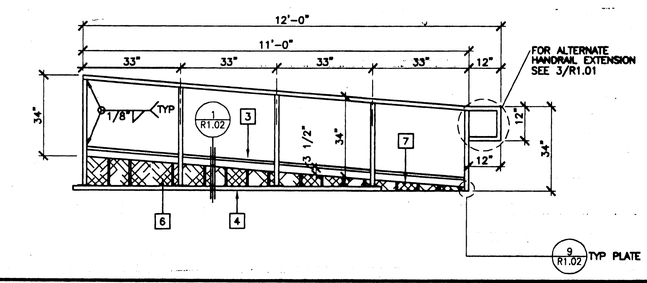
SCALE: 3/8"=1'-0"

SILL PLAN FOR RAMP AND LANDING | 1



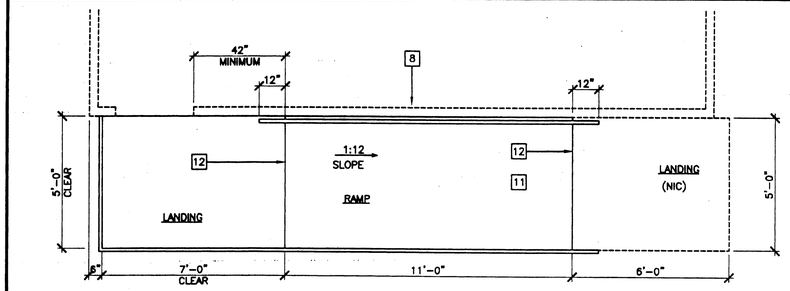
SCALE: 1/2"=1'-0"

LANDING ELEVATION | 13



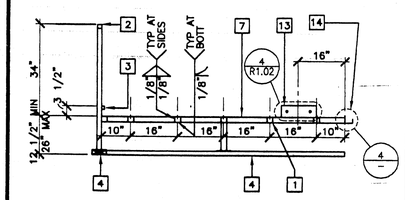
SCALE: 1/2"=1'-0"

RAMP ELEVATION | 8



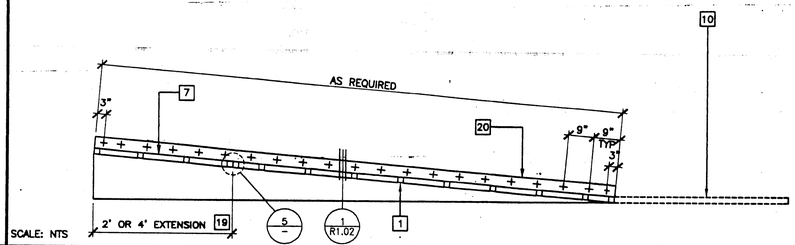
SCALE: 3/8"=1'-0"

RAMP AND LANDING AT BUILDING | 2



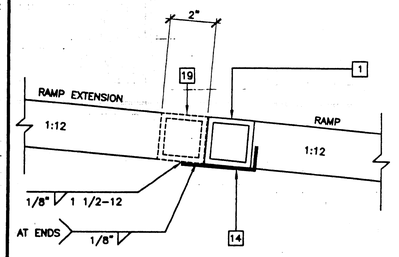
SCALE: NTS

SECTION AT LANDING | 14



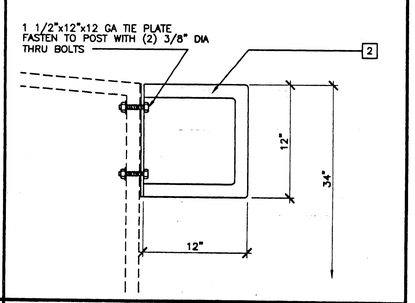
SCALE: NTS

LONGITUDINAL SECTION AT RAMP | 9

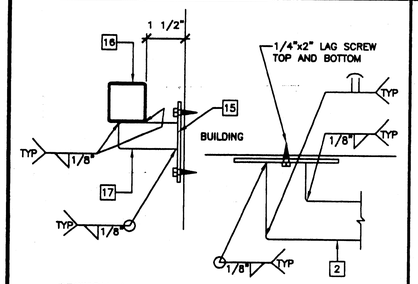


SCALE: NTS

RAMP EXTENSION TO RAMP | 5

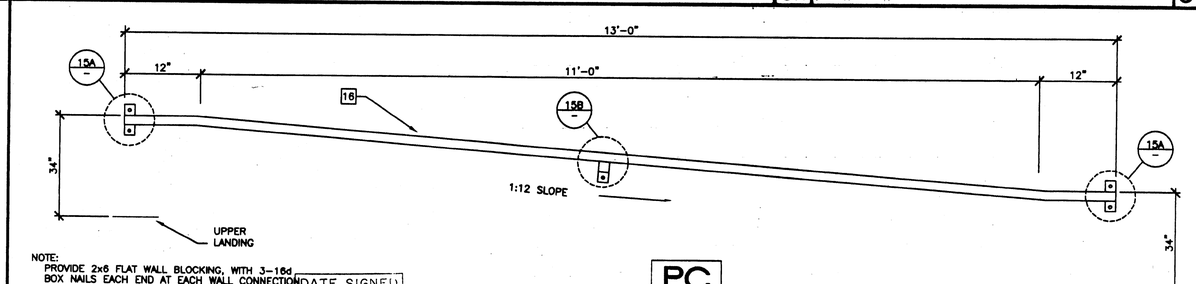


ALTERNATE GUARD RAIL EXTENSION | 3



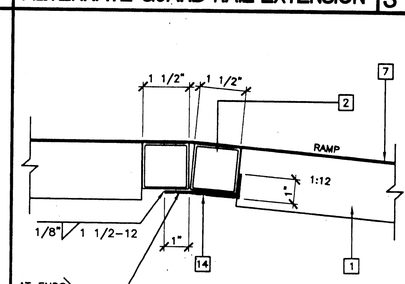
SCALE: NTS

HANDRAIL CONNECTION | 15



SCALE: NTS

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) | 6



SCALE: NTS

RAMP AT LANDING | 4

KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI), ROUNDED OR BEVELED AT CORNERS
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH (2) 1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TUBE STEEL USE #14x2" TEK SCREWS AT 6" OC
7. 12 GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR
8. EXISTING BUILDING
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. 2"x4"x 1/8" PLATE
16. TS 1 1/2"x1 1/2"x14 GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED. ROUNDED OR BEVELED AT CORNERS
17. TS 1"x1"x16 GA RAIL SUPPORT
18. LINE OF RAMP/LANDING ABOVE
19. RAMP EXTENSION FRAME
20. 6"x10 GA CONTINUOUS PLATE WITH 1/4"x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO STEEL AT 9" OC
21. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
24. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.

FILE PATH: 2440-R5.01.DWG

FLS: NOT REQ'D
ACS: A SHIM (CC MGMT)
SSS: J. COMM.

REVISED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE MAY 13 2003

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 28". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 28'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

DATE SIGNED
APR 30 2003

PC
CBC 2001

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
REGISTERED PROFESSIONAL ENGINEER
No. 3602
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2004

Architect's Seal
LICENSED ARCHITECT
GEORGE C. EDMONDSON
No. C-22468
REN. 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
104801
AC FLS SS
DATE 5/7/03

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92571
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

CLASS LEASING INC STOCKPILE # 67
100- 24 x 40 CLASSROOM BUILDINGS
A# 04-104812 05-15-2003 5' RAMPS

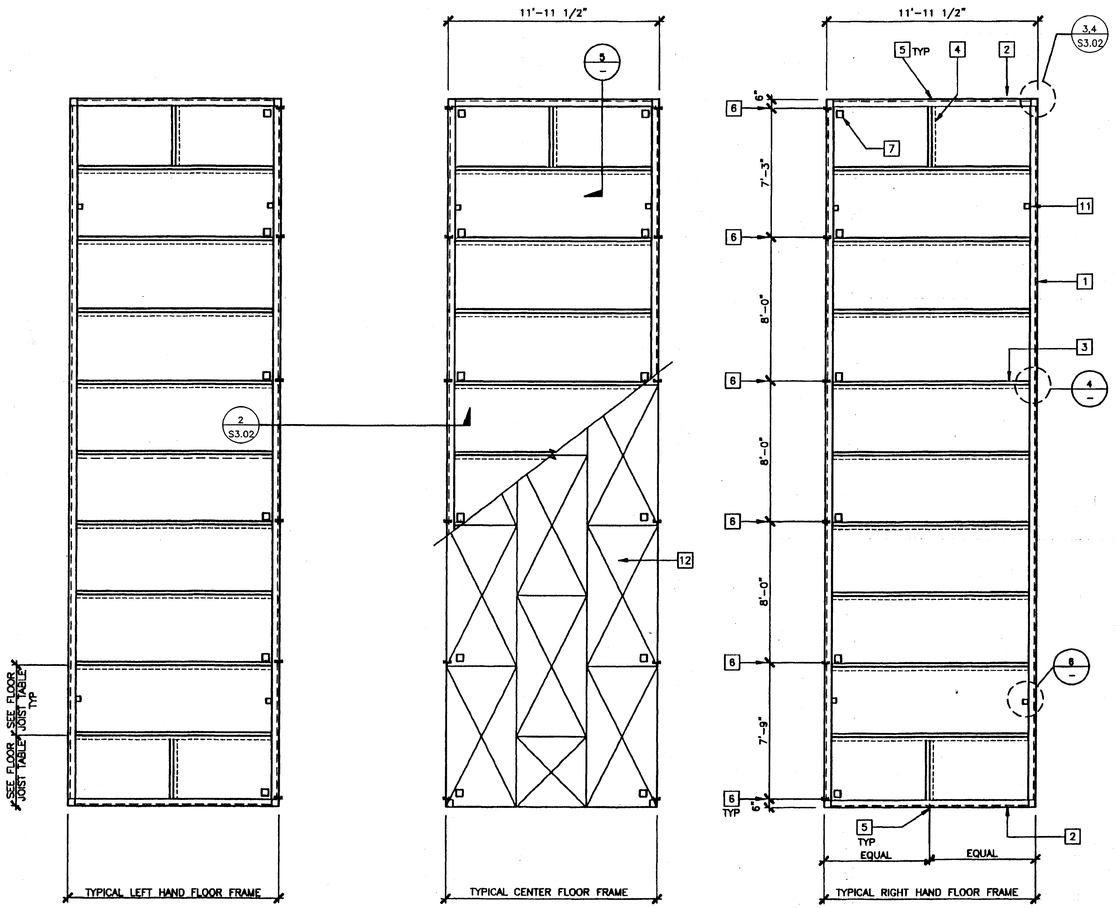
5 FOOT RAMP/LANDING

DRAWN BY: STOCK-67
DATE:
CHECKED BY:
DATE:

MODTECH Index No.
R5.01

PROJECT NO. PC-04-104801

REAR



FRONT

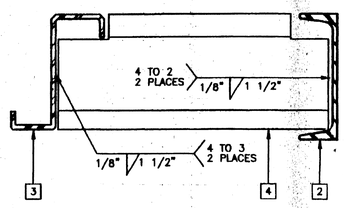
SEE FLOOR JOIST TABLE FOR APPROPRIATE SPACING PER JOB.

FLOOR FRAMING PLAN

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

PC

CBC 1998



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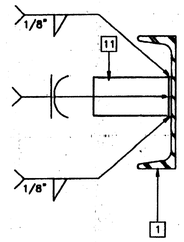
FLOOR HEADER BLOCKING 5

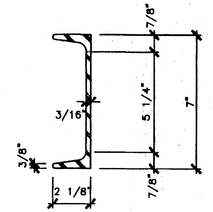


SCALE: NTS

SHIPPING HOLD DOWN 6

7

8

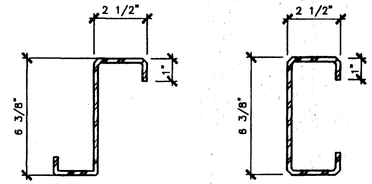


Sx = 6.08 IN^3
Ix = 21.3 IN^4

C7x9.8 - ASTM A-36

SCALE: NTS

FLOOR BEAM/HEADER 1



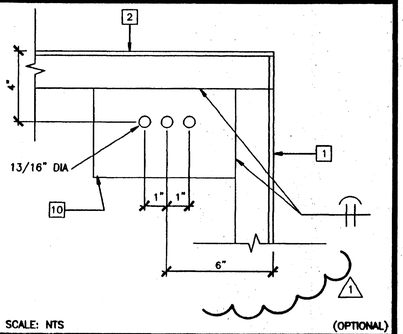
STANDARD JOIST
t=0.105
12 GAUGE
Sx : 2.613 IN^3
Ix : 8.328 IN^4

ALTERNATE JOIST
t=0.105
12 GAUGE
Sx : 2.525 IN^3
Ix : 8.049 IN^4

ASTM A-570, GRADE 33

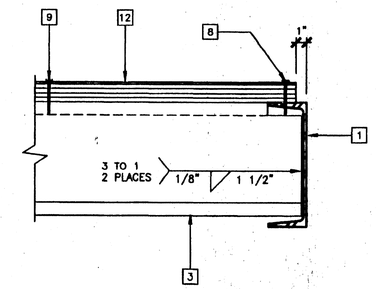
SCALE: NTS

FLOOR JOIST 2



SCALE: NTS (OPTIONAL)

ANCHOR PLATE (CONCRETE FOUNDATION) 3



SCALE: NTS

FLOOR JOIST TO FLOOR BEAM 4

KEY NOTES

1. [FLOOR BEAM, COPE TO MATE WITH HEADER – 1/S1.01
2. [FLOOR HEADER – 1/S1.01
3. ∫ FLOOR JOIST – 2/S1.01
4. ∫ BLOCKING AT MIDSPAN OF FLOOR HEADER – 5/S1.01
5. 11/16"ø HOLE AT MIDDEPTH FOR HANDLING
6. 11/16"ø MODLINE BOLT HOLE. 2/S3
7. 5" SQUARE HAND HOLES AT EACH MODLINE BOLT LOCATION
8. EDGE NAILING AT FLOOR BEAM OR HEADER – #10x1 3/4" SELF TAPPING FLAT HEAD SCREWS AT 6"OC
9. EDGE NAILING OR FIELD NAILING – AEROSMITH AKN .144 DRIVE PINS AT 6"OC, FIELD NAILING TO BE 10" OC FOR PURLIN SPACING OF 32" OR LESS
10. 5"x8"x1/4" STEEL ANCHOR PLATE. FOR OPTIONAL CONCRETE FOUNDATION ONLY.
11. SHIPPING HOLD DOWN – 3 1/2"x3 1/2"x1/4" TUBE STEEL CUT TO 1 3/4" HEIGHT
12. PLYWOOD FLOOR SHEATHING: APA PS 1-83, 1 1/8" THICK STURD-I-FLOOR WITH 48" OC SPAN RATING – LAYOUT PATTERN SHOWN IS TYPICAL ~~*AS AN ALTERNATE USE 1/4" PLYWOOD STRUCT 1-1/8" THICK OSB STURDI-FLOOR PA-115*~~

2

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04 104812
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DATE DEC 05 2002

FLOOR JOIST TABLE

LIVE LOAD PSF	JOIST SPACING STANDARD	OPTIONAL UP GRADE TO STIFFEN FLOOR		
50	48"	32"	24"	16"
50+20	32"	24"	16"	12"
100	24"	16"	12"	N/A
125	16"	12"	N/A	N/A

3

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	9/21/00
2	SP	MODTECH ENGINEERING CHANGE	09/28/00
3	SP	REVISED FLOOR JOIST TABLE	12/12/00
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal — LICENSED ARCHITECT GEORGE C. EDWARDS C 2956 REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE DEC 13 2000

REVISED DEC 02 2000

REVISED DEC 13 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373

COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

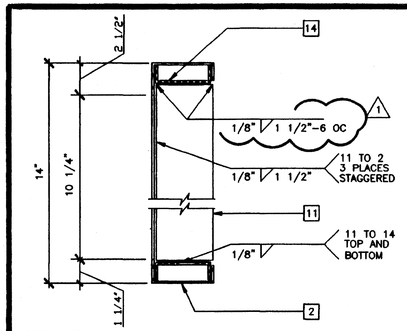
S1.01

FLOOR FRAMING PLAN WOOD FLOOR

PROJECT NO. 4373

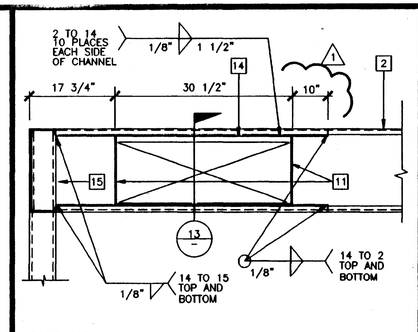
FILE PATH: 2440-S1.01.DWG

PC-04-101268



SCALE: NTS

HVAC OPENING IN ROOF HEADER | 13



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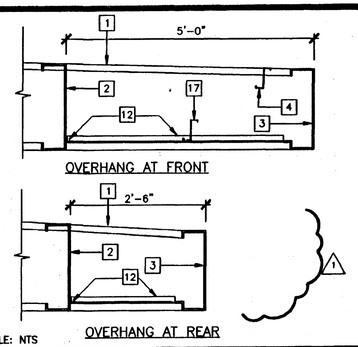
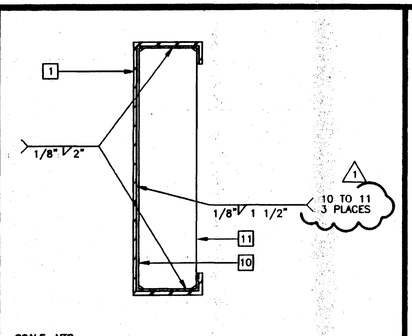
HVAC OPENING IN ROOF HEADER | 12



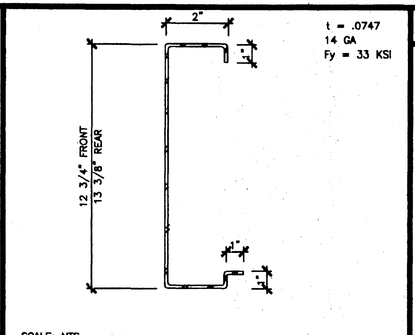
SCALE: NTS

OVERHANGS | 11



SCALE: NTS

STIFFENER PLATE AT SPLICE | 7



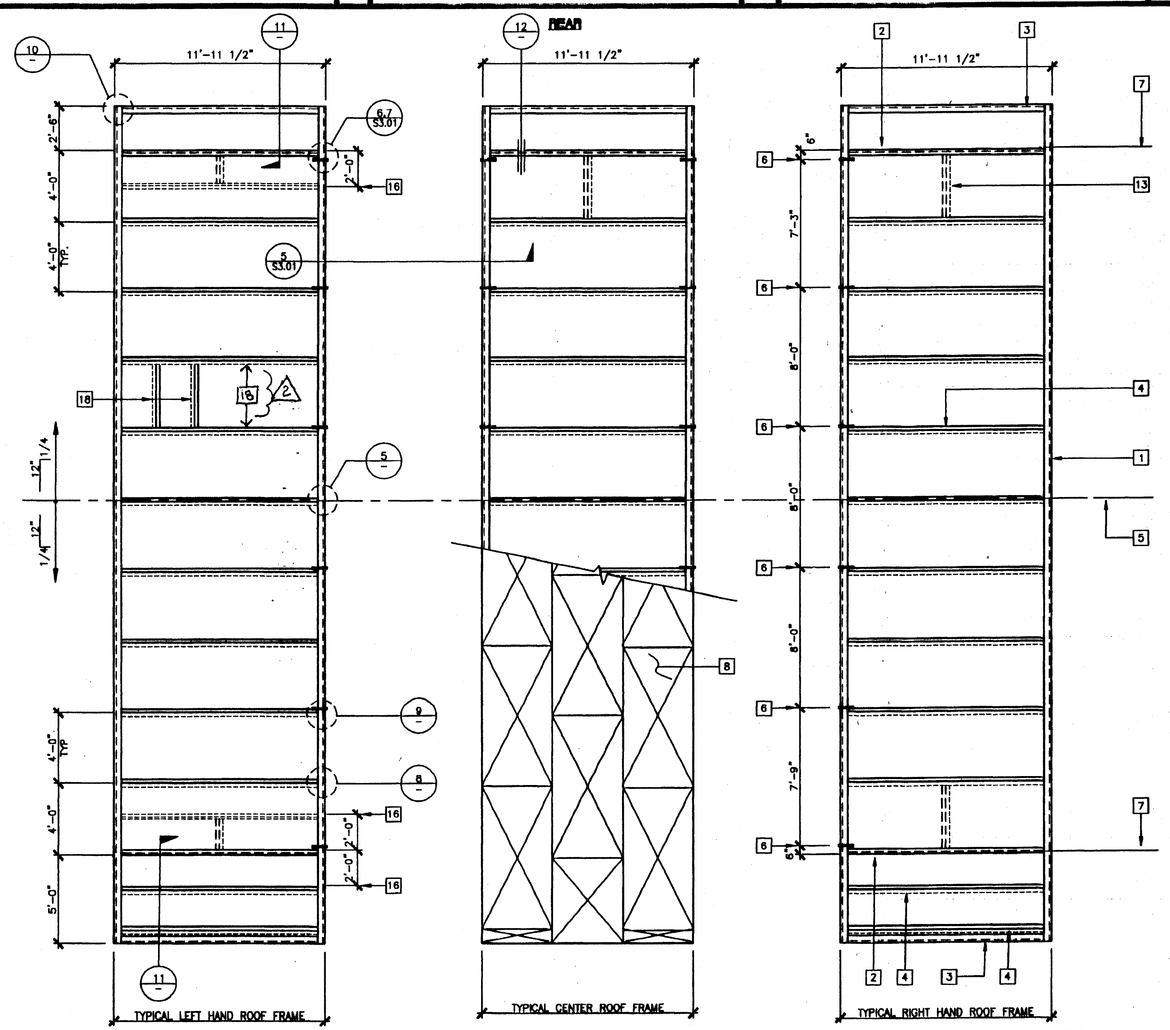
SCALE: NTS

ROOF FASCIA | 3

KEY NOTES

1. ⌐ TAPERED ROOF BEAM – 1/S2.01
2. ⌐ ROOF HEADER – 2/S2.01
3. ⌐ ROOF FASCIA – 3/S2.01
4. ⌐ ROOF PURLIN – 4/S2.01
5. RIDGE LINE
6. 11/16" DIA DRILLED HOLE – 5/S3.01
7. EDGE NAIL THIS LINE
8. PLYWOOD ROOF SHEATHING, 3/4" CD EXPOSURE 1, P.1.1 48/24, PSI-83 PLYCLIPS AT 16" OC MAX ON LONG EDGES #10x1 1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" OC TO PERIMETER FRAME OR ALTERNATE USE AEROSMITH AKN .144 DRIVE PINS AT 6" OC TO PERIMETER FRAME, AEROSMITH AKN 144.0175 DRIVE PINS AT 6" OC AT SUPPORTED EDGES AND 6" OC FIELD NAILING TO PURLINS, PLYWOOD PATTERN SHOWN IS TYPICAL
9. OPTIONAL BEAM SPLICE LOCATIONS
10. 10 GA BENT PLATE BACK UP
11. 1/4" FULL DEPTH STIFFENER PLATE
12. 1/2"x1/2"x16 GA ANGLE, TACK WELD TO HEADER AND ROOF BEAM
13. PURLIN SIZE BLOCKING AT HEADER MIDSPAN FOR 80 MPH DESIGN WIND LOAD ONLY (2)
14. 3 1/4"x1" CHANNEL STIFFENER
15. TUBE STEEL STIFFENER
16. LOCATION OF ADDITIONAL PURLIN FOR BUILDINGS THAT EXCEED 2160 SF
17. ⌐Z STIFFENER AT SOFFIT CLOSURE – 4/S2.01
18. 6"x2 1/2"x14 GA FRAMING FOR ROUGH OPENING OF OPTIONAL ROOF MOUNT HVAC, SPACING AND LOCATION WILL VARY – 18,19/A6.01 (HV) (1) (2)

FILE PATH: Z440-S2.01.DWG



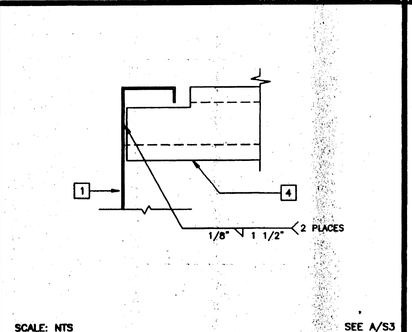
ROOF FRAMING PLAN

26 GA DUAL PITCH

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

PC

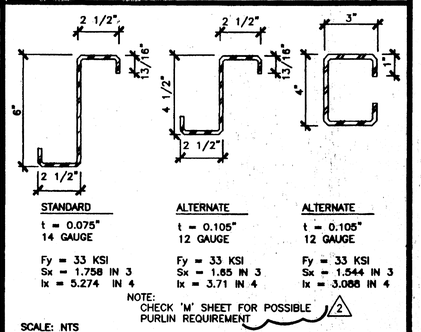
CBC 1998



SCALE: NTS

SEE A/S3

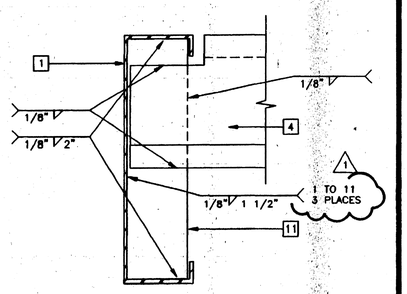
PURLIN TO ROOF BEAM | 8



NOTE: CHECK 'M' SHEET FOR POSSIBLE PURLIN REQUIREMENT (2)

SCALE: NTS

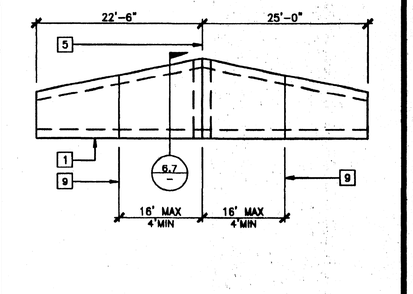
ROOF PURLIN | 4



SCALE: NTS

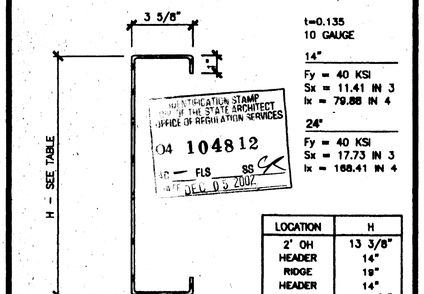
SEE A/S3

PURLIN/STIFFENER TO ROOF BEAM | 9



SCALE: NTS

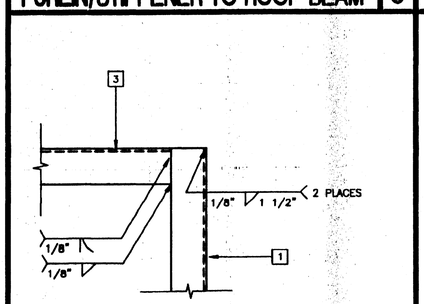
TAPERED ROOF BEAM SPLICE | 5



LOCATION	H
2' OH	13 3/8"
HEADER	14"
RIDGE	19"
HEADER	14"
5' OH	12 3/4"

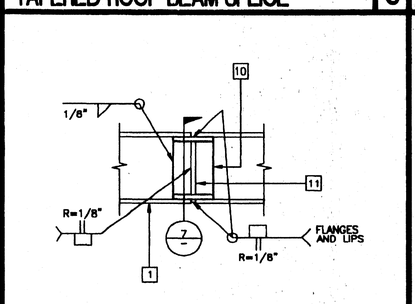
SCALE: NTS

TAPERED ROOF BEAM | 1



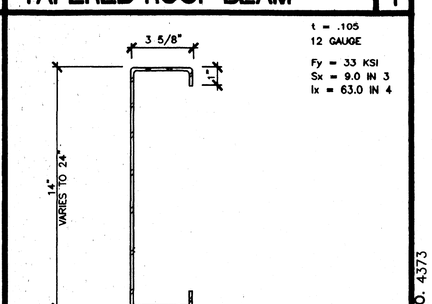
SCALE: NTS

ROOF FASCIA AT ROOF BEAM | 10



SCALE: NTS

BEAM SPLICE | 6



SCALE: NTS

ROOF HEADER | 2

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2	SP	ADDED REFERENCE NOTE	11/9/00
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal — LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REV. 9-30 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 DATE SEP 07 2000

REVISED OCT 02 2000

REVISED NOV 09 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373

COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

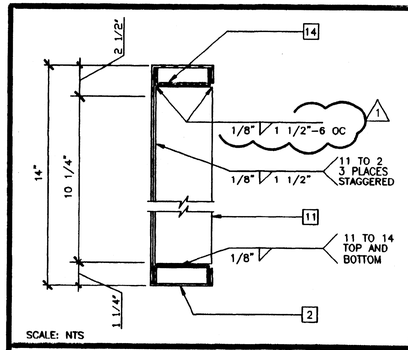
MODTECH Index No.

S2.01

PROJECT NO. 4373

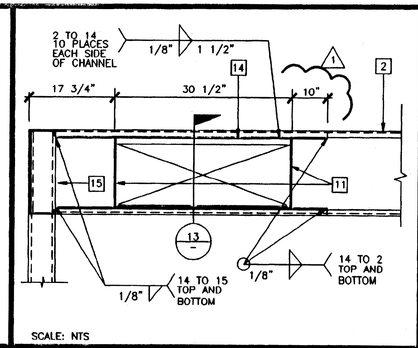
PC-04-101268

ROOF FRAMING PLAN 26 GA DUAL PITCH



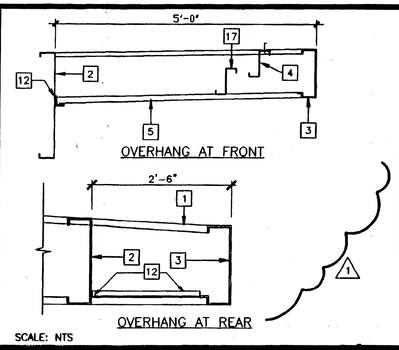
SCALE: NTS

HVAC OPENING IN ROOF HEADER | 13



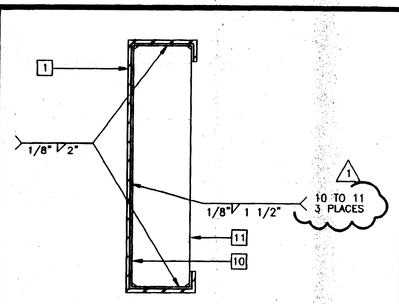
SCALE: NTS

HVAC OPENING IN ROOF HEADER | 12



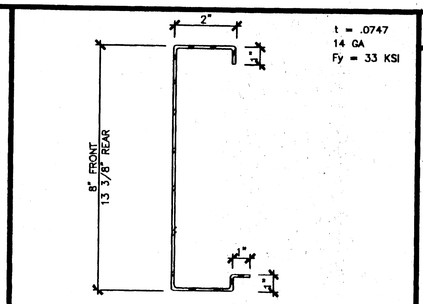
SCALE: NTS

OVERHANGS | 11



SCALE: NTS

STIFFENER PLATE AT BEAM SPLICE | 7

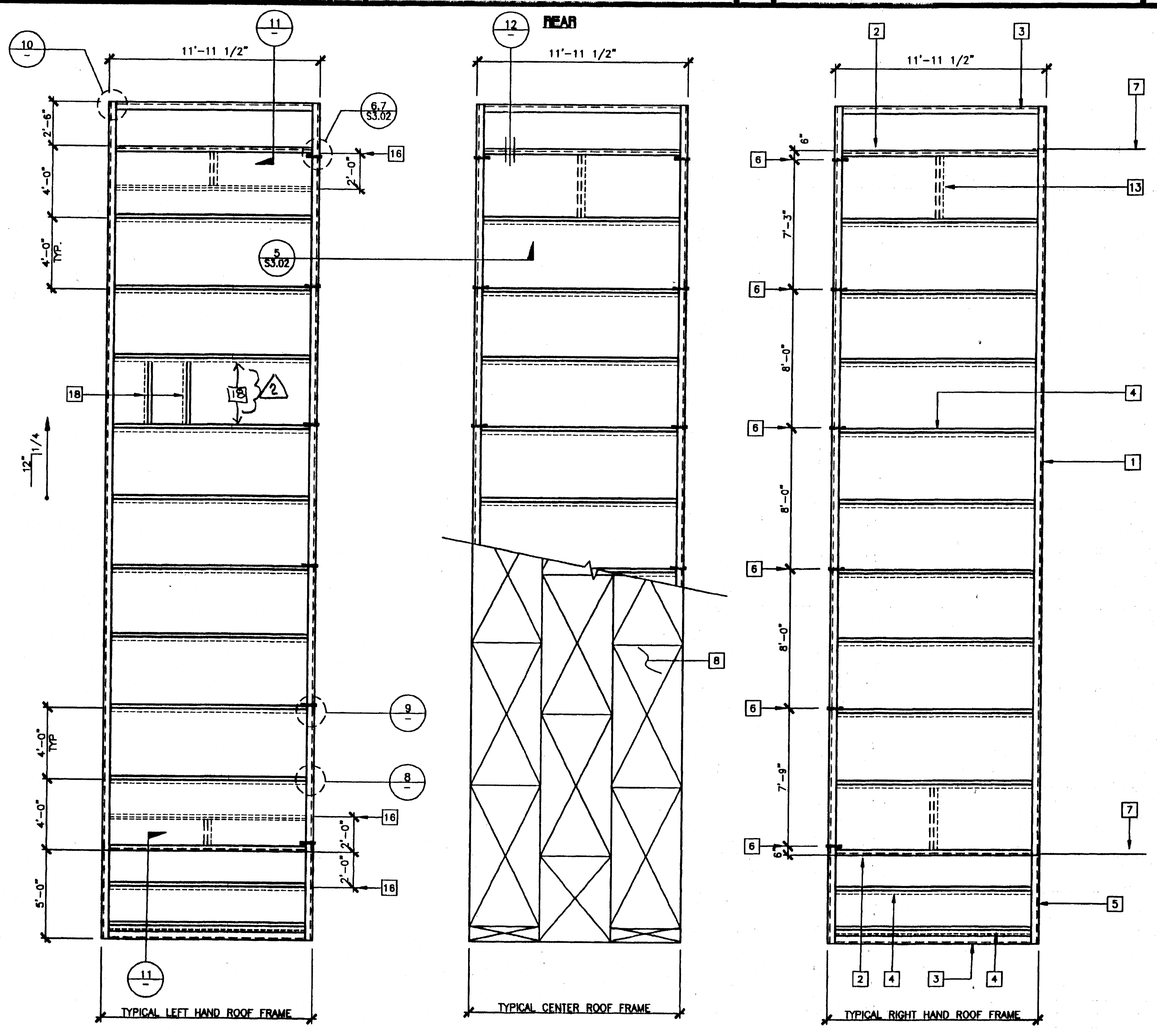


SCALE: NTS

ROOF FASCIA | 3

KEY NOTES

1. ⊏ TAPERED ROOF BEAM – 1/S2.02
2. ⊏ ROOF HEADER – 2/S2.02
3. ⊏ ROOF FASCIA – 3/S2.02
4. ⊓ ROOF PURLIN – 4/S2.02
5. ROOF OVERHANG BEAM – 10/S3.02
6. 11/16" DIA DRILLED HOLE – 5/S3.02
7. EDGE NAIL THIS LINE
8. PLYWOOD ROOF SHEATHING, 3/4" CD EXPOSURE 1, P.1.1 48/24, PSI-83 PLYCLIPS AT 16" OC MAX ON LONG EDGES #10x1 1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" OC TO PERIMETER FRAME OR ALTERNATE USE AEROSMITH AKN .144 DRIVE PINS AT 6" OC TO PERIMETER FRAME, AEROSMITH AKN 144.0175 DRIVE PINS AT 6" OC AT SUPPORTED EDGES AND 6" OC FIELD NAILING TO PURLINS, PLYWOOD PATTERN SHOWN IS TYPICAL
9. OPTIONAL BEAM SPLICE LOCATIONS
10. 10 GA BENT PLATE BACK UP
11. 1/4" FULL DEPTH STIFFENER PLATE
12. 1/2"x1/2"x16 GA ANGLE, TACK WELD TO HEADER AND ROOF BEAM
13. PURLIN SIZE BLOCKING AT HEADER MIDSPAN FOR 80 MPH DESIGN WIND LOAD ONLY (2)
14. 3 1/4"x1" CHANNEL STIFFENER
15. TUBE STEEL STIFFENER
16. LOCATION OF ADDITIONAL PURLIN FOR BUILDINGS THAT EXCEED 2160 SF
17. ⊓Z STIFFENER AT SOFFIT CLOSURE – 4/S2.01
18. 6" x 2 1/2" x 14 GA C FRAMING FOR ROUGH OPENING OF OPTIONAL ROOF MOUNT HVAC, SPACING AND LOCATION WILL VARY – 18,19/A6.01 (HV) (1)(2)



FRONT

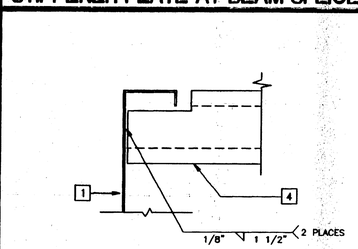
ROOF FRAMING PLAN

26 GA MONO PITCH

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

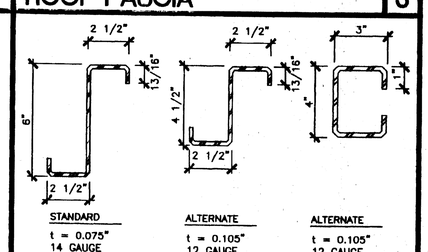
PC

CBC 1998



SCALE: NTS SEE A/S3

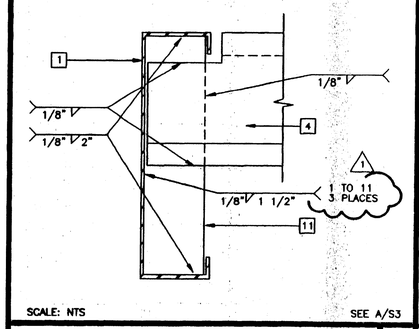
PURLIN TO ROOF BEAM | 8



NOTE: CHECK 'M' SHEET FOR POSSIBLE PURLIN REQUIREMENT (2)

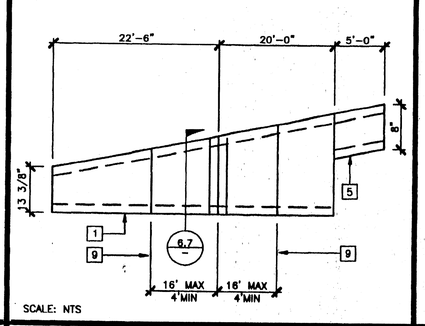
SCALE: NTS

ROOF PURLIN | 4



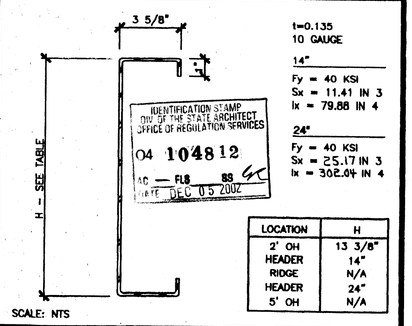
SCALE: NTS SEE A/S3

PURLIN/STIFFENER TO ROOF BEAM | 9



SCALE: NTS

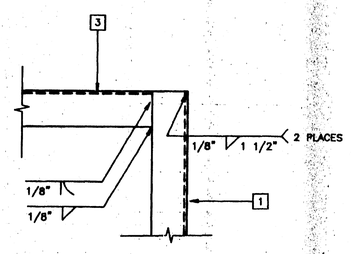
TAPERED ROOF BEAM SPLICE | 5



LOCATION	H
2' OH	13 3/8"
HEADER	14"
RIDGE	N/A
HEADER	24"
5' OH	N/A

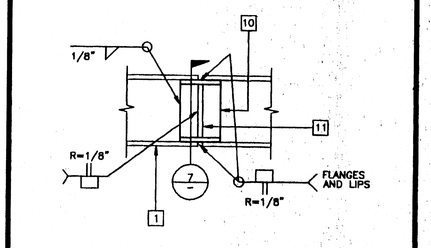
SCALE: NTS

TAPERED ROOF BEAM | 1



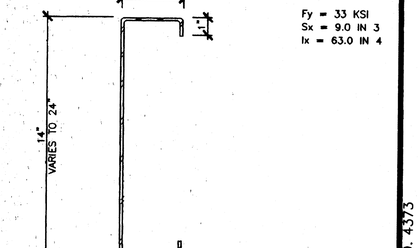
SCALE: NTS

PURLIN TO ROOF BEAM | 10



SCALE: NTS

BEAM SPLICE | 6



SCALE: NTS

ROOF HEADER | 2

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2	SP	ADDED REFERENCE NOTE	11/9/00
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal — LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REN. 9-30-02 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE SEP 0 7 2000
REVISED OCT 0 2 2000
REVISED NOV 0 9 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373-

COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

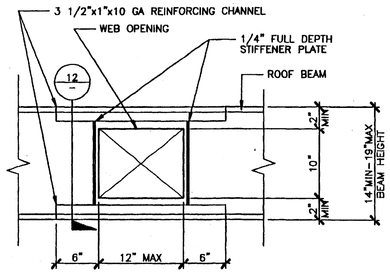
ROOF FRAMING PLAN 26 GA MONO PITCH

S2.02

PROJECT NO. 4373

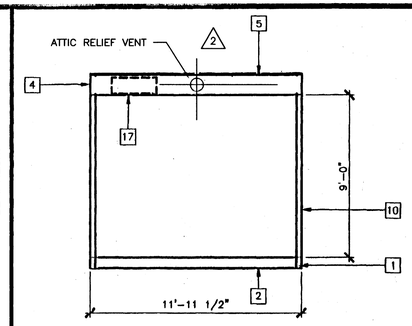
PC-04-101268

FILE PATH: 2440-S2.02.DWG



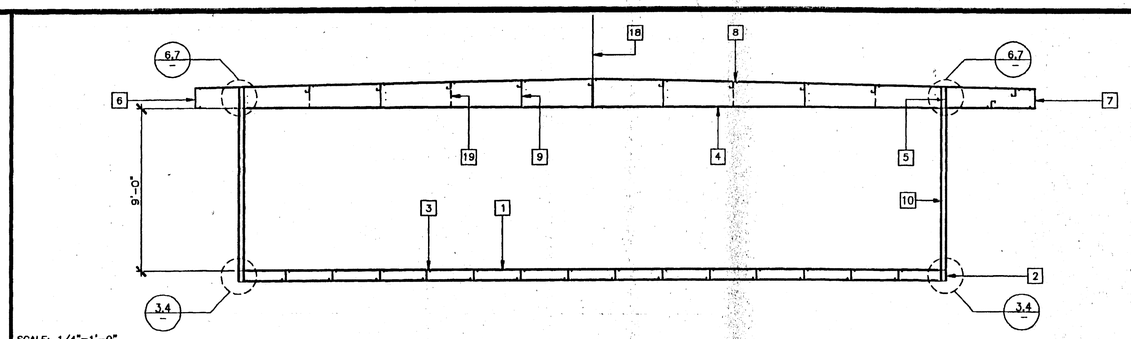
SCALE: NTS

OPTIONAL BEAM PENETRATION 11



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

SECTION AT END WALL B

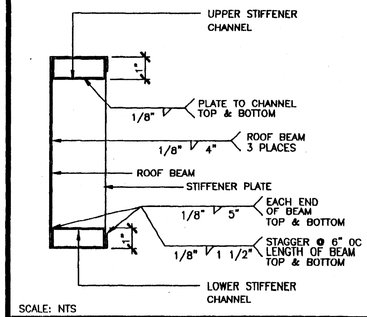


SCALE: 1/4"=1'-0"

SECTION AT SIDE WALL A

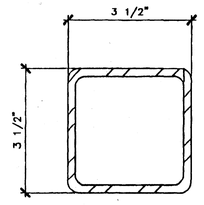
KEY NOTES

1. FLOOR BEAM – 1/S1
2. FLOOR HEADER – 1/S1
3. FLOOR JOIST – 2/S1
4. TAPERED ROOF BEAM – 1/S2.01
5. ROOF HEADER – 2/S2.01
6. ROOF FASCIA AT 2'–6" OVERHANG – 3/S2.01
7. ROOF FASCIA AT 5'–0" OVERHANG – 3/S2.01
8. ROOF PURLIN – 4/S2.01
9. 1/4" FULL DEPTH STIFFENER PLATE AT 8'–0" OC TYPICAL ALIGN WITH PURLIN – 9/S2.01
10. TUBE STEEL COLUMN, SEE TABLE BELOW, 8/S3.01
11. 3 1/2"x3 1/2"x1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5"x8"x1/4" ANCHOR BOLT PLATE – 3/S1
12. 3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
13. (1) 3"x3"x10 GA. TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
14. 3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
15. BACK–UP PLATE – 10 GA MIN
16. 1/4" BASE PLATE – INSERT FLUSH WITH STIFFENER TUBE
17. HVAC DUCT OPENING – 12/S2.01
18. RIDGE
19. 1/4" FULL DEPTH STIFFENER PLATE AT 4'–0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
20. HAND HOLE AT BOLT LOCATION
21. 5/8" MB A307 AT MODULE CONNECTION JOINT – SEE FLOOR/ROOF FRAMING PLANS
22. FLOOR SHEATHING
23. MODULE JOINT



SCALE: NTS

PENETRATION REINFORCMENT 12

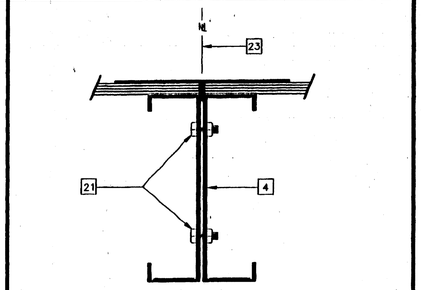


ASTM A-500, GRADE B

SEE TABLE S3.01

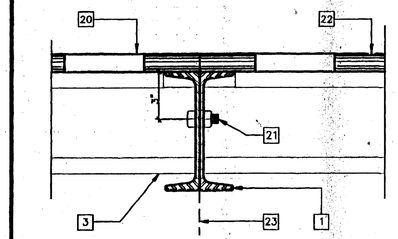
SCALE: 6"=1'-0"

TUBE STEEL COLUMN/STIFFENER 8



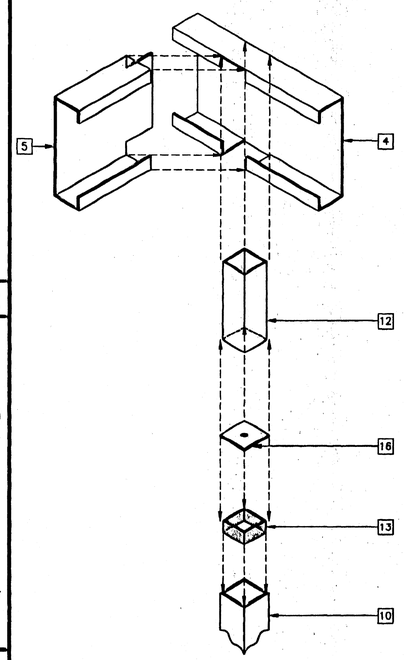
SCALE: NTS

MODULE CONNECTION AT ROOF 5



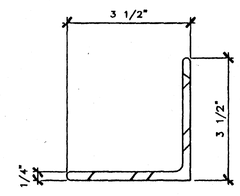
SCALE: NTS

MODULE CONNECTION AT FLOOR 2



SCALE: NTS

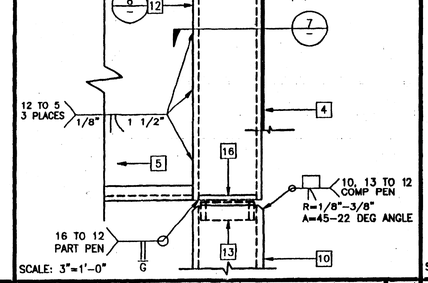
COLUMN AT FLOOR AND ROOF 1



ASTM A-36

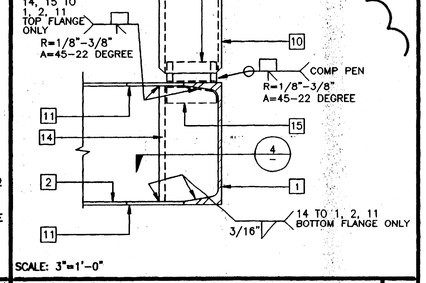
SCALE: 6"=1'-0"

STIFFENER ANGLE 9



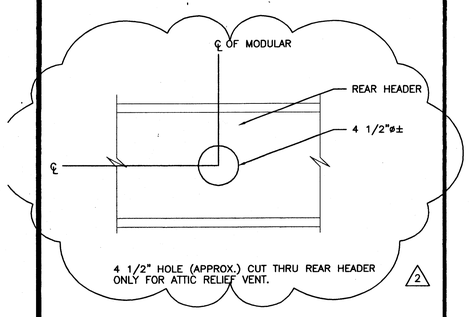
SCALE: 3"=1'-0"

COLUMN AT ROOF 6

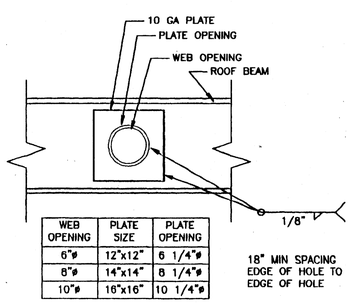


SCALE: 3"=1'-0"

COLUMN AT FLOOR 3



ATTIC RELIEF VENT 1

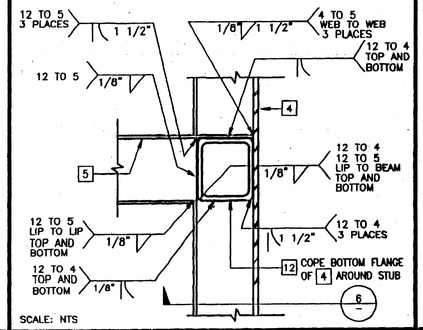


WEB OPENING	PLATE SIZE	PLATE OPENING
6"ø	12"x12"	6 1/4"ø
8"ø	14"x14"	8 1/4"ø
10"ø	16"x16"	10 1/4"ø

18" MIN SPACING EDGE OF HOLE TO EDGE OF HOLE

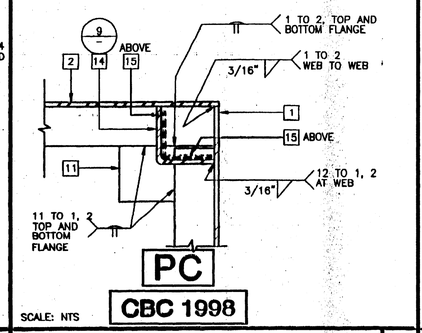
SCALE: NTS

OPTIONAL BEAM PENETRATION 10



SCALE: NTS

COLUMN AT ROOF 7



SCALE: NTS

STIFFENER AT FLOOR 4

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN SIZE
~~70 MPH~~	~~3 1/2"x3 1/2"x1/4"~~
80 MPH	3 1/2"x3 1/2"x5/16"

REVISIONS

1	SP	CHANGED FLANGE WELD CALL OUT DET. 3	11/9/00
2	KK	ADDED ATTIC RELIEF VENT	11/19/02
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal — LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC — FLS — SS DATE SEP 17 2002

REVISED NOV 09 2000

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 104812 AC — FLS — SS DATE DEC 05 2002

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943–4014
FAX (909) 940–0427

PROJECT NUMBER: 4373, ~~4505, 4525~~

COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: ~~STKP-67~~
DATE: 4012-129

MODTECH Index No.

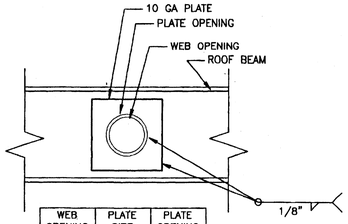
STRUCTURAL FRAMING 26 GA DUAL PITCH

S3.01

PROJECT NO. 4373

PC-04-101268

FILE PATH: 2440-S3.01.DWG

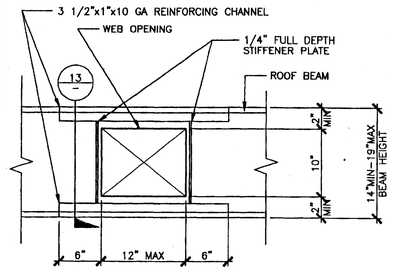


WEB OPENING	PLATE SIZE	PLATE OPENING
6"ø	12"x12"	6 1/4"ø
8"ø	14"x14"	8 1/4"ø
10"ø	16"x16"	10 1/4"ø

18" MIN SPACING EDGE OF HOLE TO EDGE OF HOLE

SCALE: NTS

OPTIONAL BEAM PENETRATION | 11



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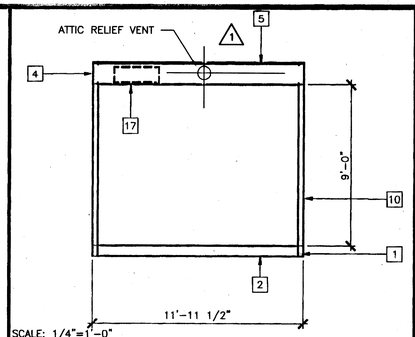
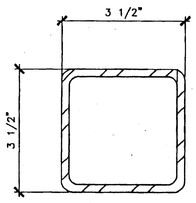


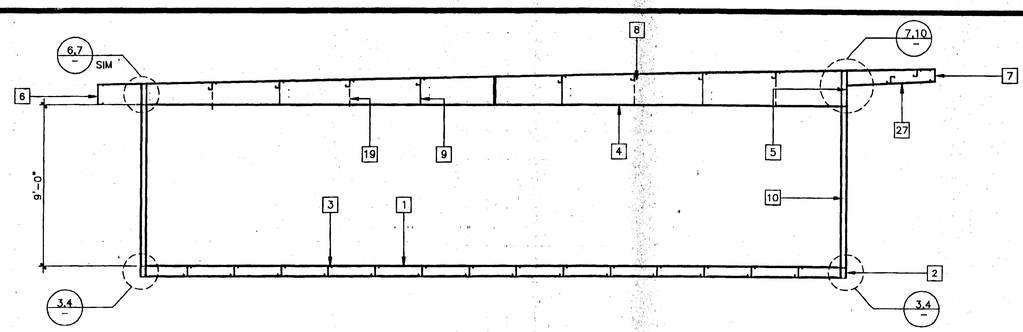
SCALE: 1/4"=1'-0"

SECTION AT END WALL | B



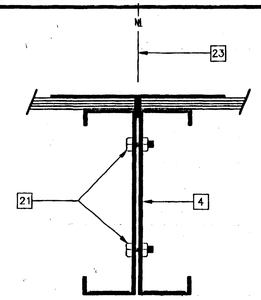
ASTM A-500, GRADE B
SEE TABLE S3.02

SCALE: 6"=1'-0"



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

SECTION AT SIDE WALL | A



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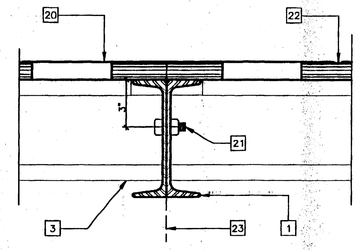

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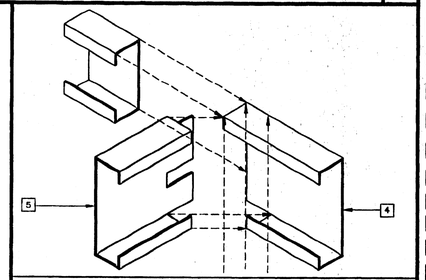
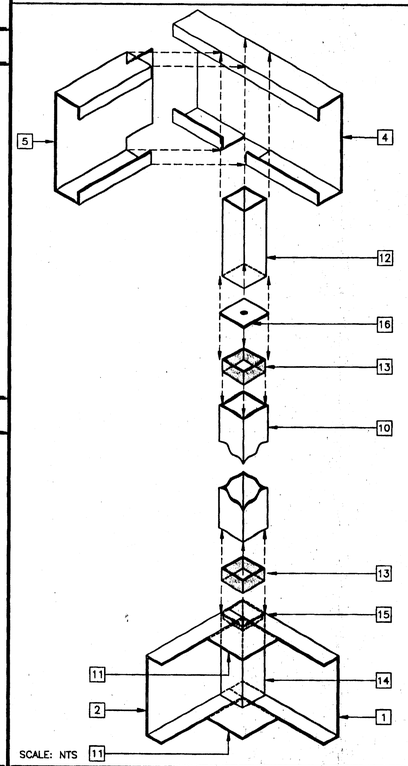


CONDITION AT MONO SLOPE HIGH END

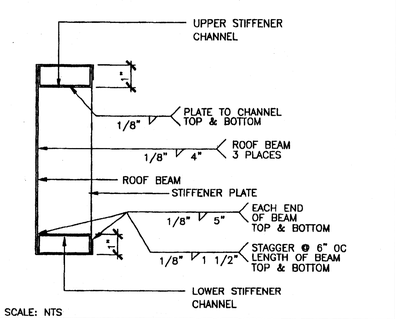


SCALE: NTS

KEY NOTES

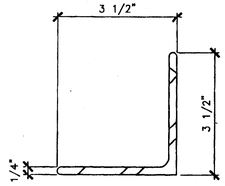
1. FLOOR BEAM – 1/S1
2. FLOOR HEADER – 1/S1
3. FLOOR JOIST – 2/S1
4. TAPERED ROOF BEAM – 1/S2.02
5. ROOF HEADER –2/S2.02
6. ROOF FASCIA AT 2'-6" OVERHANG – 3/S2.02
7. ROOF FASCIA AT 5'-0" OVERHANG – 3/S2.02
8. ROOF PURLIN – 4/S2.02
9. 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN – 9/S2.02
10. TUBE STEEL COLUMN, SEE TABLE BELOW – 8/S3.02
11. 3 1/2"x3 1/2"x1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5"x8"x1/4" ANCHOR BOLT PLATE – 3/S1
12. 3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
13. (1) 3"x3"x10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
14. 3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
15. BACK-UP PLATE – 10 GA MIN
16. 1/4" BASE PLATE – INSERT FLUSH WITH STIFFENER TUBE
17. HVAC DUCT OPENING – 12/S2.02
18. NOT USED
19. 1/4" FULL DEPTH STIFFENER PLATE AT 4'-0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
20. HAND HOLE AT BOLT LOCATION
21. 5/8" MB A307 AT MODULE CONNECTION JOINT – SEE FLOOR/ROOF FRAMING PLANS
22. FLOOR SHEATHING
23. MODULE JOINT
24. NOT USED
25. 3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
26. STEEL ANGLE WELD TAB
27. 8"x3 1/2"x14 GA OVERHANG BEAM – 3/S2.02

OPTIONAL BEAM PENETRATION | 11



SCALE: NTS

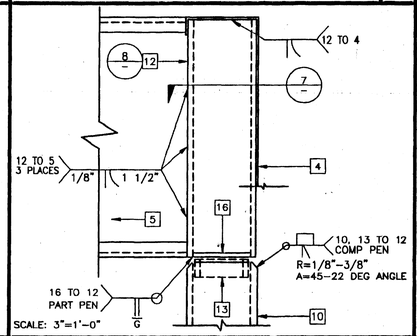
TUBE STEEL COLUMN/STIFFENER | 8



ASTM A-36

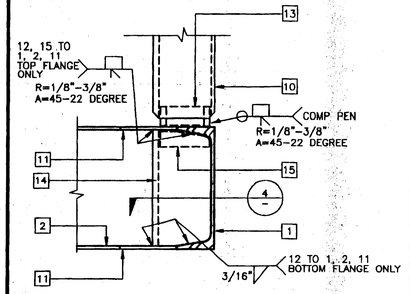
SCALE: 6"=1'-0"

MODULE CONNECTION AT ROOF | 5



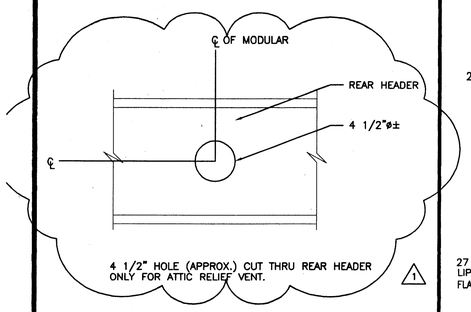
SCALE: 3"=1'-0"

MODULE CONNECTION AT FLOOR | 2



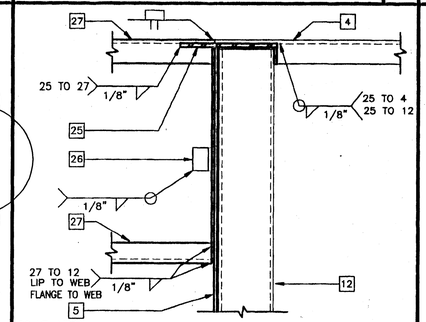
SCALE: 3"=1'-0"

PENETRATION REINFORCMENT | 12



ATTIC RELIEF VENT | 1

STIFFENER ANGLE | 9



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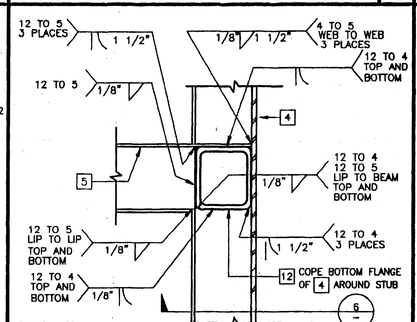
COLUMN AT ROOF | 6



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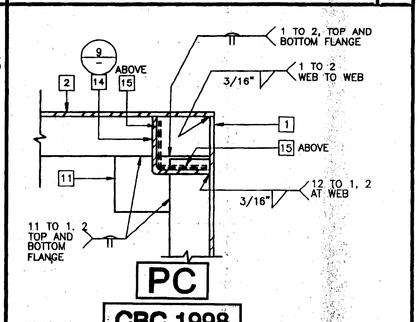
COLUMN AT FLOOR | 3



SCALE: NTS

COLUMN AT FLOOR AND ROOF | 1

SCALE: NTS

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN SIZE
~~70 MPH~~	~~3 1/2"x3 1/2"x1/4"~~
80 MPH	3 1/2"x3 1/2"x5/16"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC. — FLS. 88
DATE DEC 05 2002

FILE PATH: 2440-S3.02.DWG

REVISIONS

1	KK	ADDED ATTIC RELIEF VENT	11/19/02
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC. FLS. SS
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373-M, 4378-M, 4434, 4438 4474

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

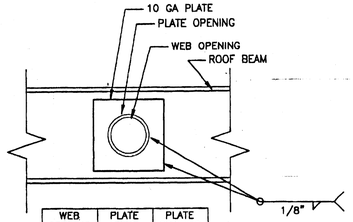
MODTECH Index No.

STRUCTURAL FRAMING 26 GA MONO PITCH

S3.02

PROJECT NO. 4373

PC-04-101268

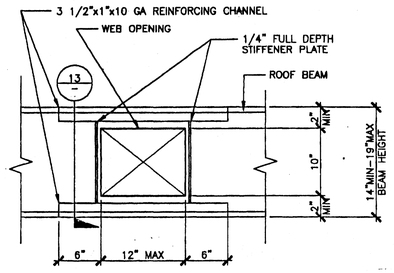


WEB OPENING	PLATE SIZE	PLATE OPENING
6"ø	12"x12"	6 1/4"ø
8"ø	14"x14"	8 1/4"ø
10"ø	16"x16"	10 1/4"ø

18" MIN SPACING EDGE OF HOLE TO EDGE OF HOLE

SCALE: NTS

OPTIONAL BEAM PENETRATION | 11



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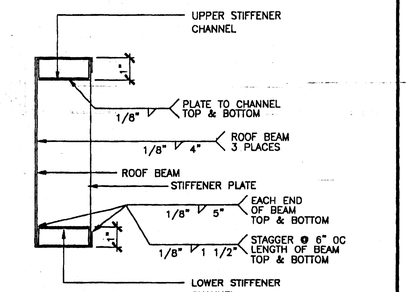
OPTIONAL BEAM PENETRATION | 11



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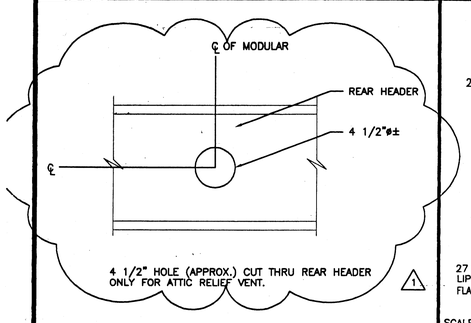
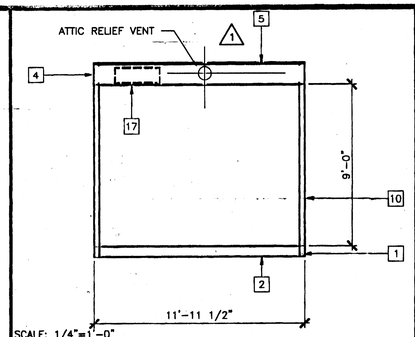
PENETRATION REINFORCMENT | 12

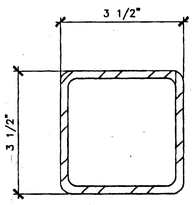


ATTIC RELIEF VENT | 1



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

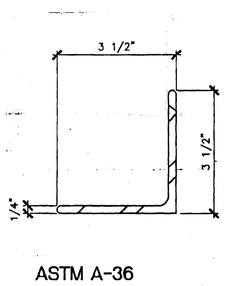
SECTION AT END WALL | B



ASTM A-500, GRADE B
SEE TABLE S3.02

SCALE: 6"=1'-0"

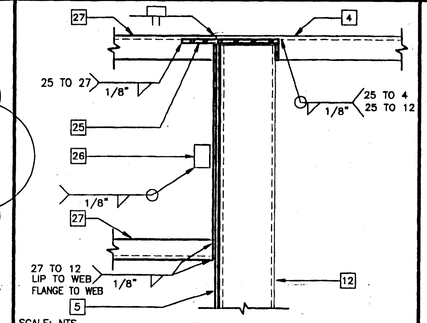
TUBE STEEL COLUMN/STIFFENER | 8



ASTM A-36

SCALE: 6"=1'-0"

STIFFENER ANGLE | 9



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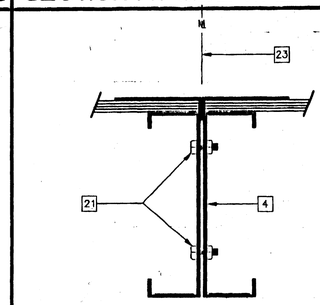
OVERHANG AT ROOF BEAM | 10



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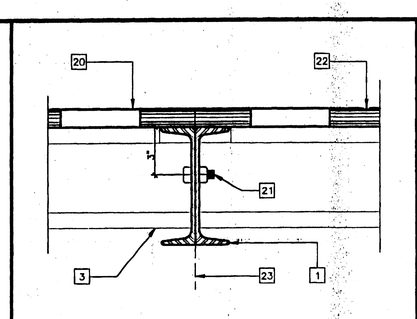
MODULE CONNECTION AT ROOF | 5



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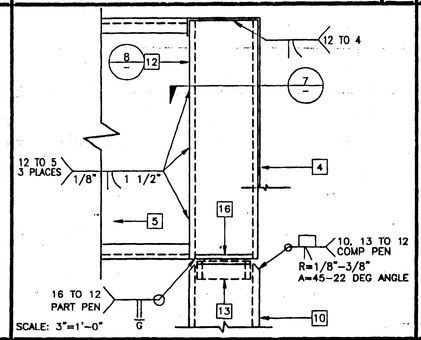
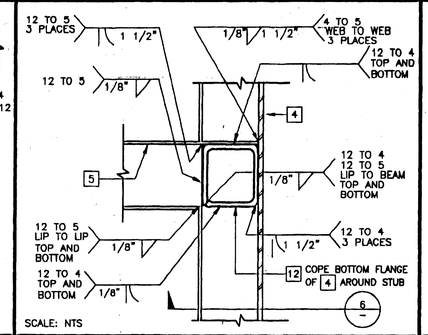
MODULE CONNECTION AT FLOOR | 2



SCALE: 3"=1'-0"

STIFFENER AT ROOF | 7



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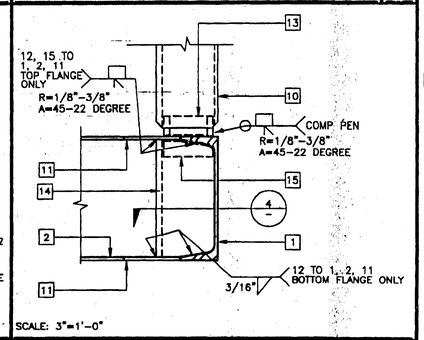
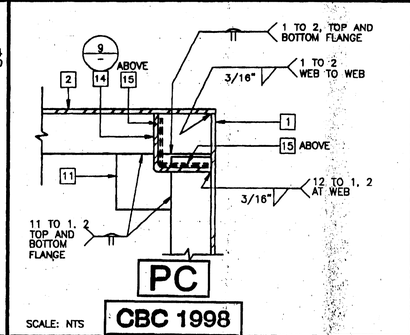
COLUMN AT ROOF | 6



SCALE: 3"=1'-0"

COLUMN AT FLOOR | 3



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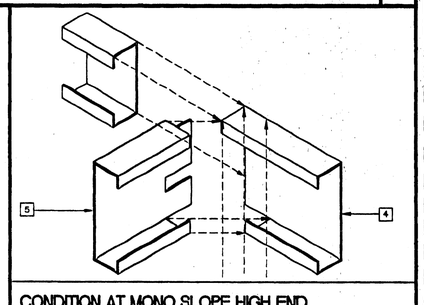
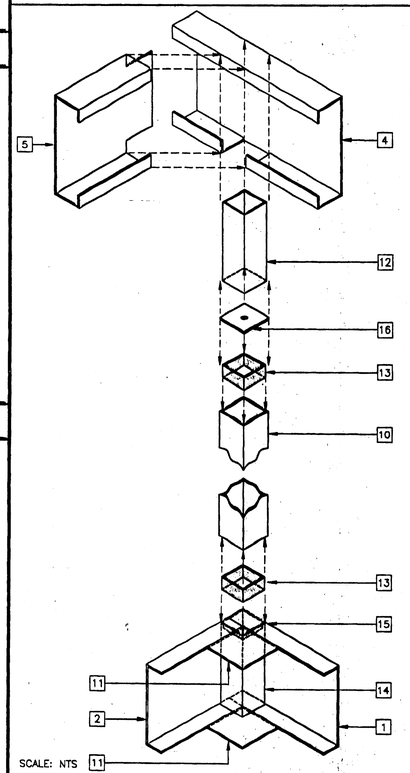
STIFFENER AT FLOOR | 4



CONDITION AT MONO SLOPE HIGH END



SCALE: NTS

COLUMN AT FLOOR AND ROOF | 1

KEY NOTES

1. FLOOR BEAM – 1/S1
2. FLOOR HEADER – 1/S1
3. FLOOR JOIST – 2/S1
4. TAPERED ROOF BEAM – 1/S2.02
5. ROOF HEADER –2/S2.02
6. ROOF FASCIA AT 2'-6" OVERHANG – 3/S2.02
7. ROOF FASCIA AT 5'-0" OVERHANG – 3/S2.02
8. ROOF PURLIN – 4/S2.02
9. 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN – 9/S2.02
10. TUBE STEEL COLUMN, SEE TABLE BELOW – 8/S3.02
11. 3 1/2"x3 1/2"x1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5"x8"x1/4" ANCHOR BOLT PLATE – 3/S1
12. 3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
13. (1) 3"x3"x10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
14. 3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
15. BACK-UP PLATE – 10 GA MIN
16. 1/4" BASE PLATE – INSERT FLUSH WITH STIFFENER TUBE
17. HVAC DUCT OPENING – 12/S2.02
18. NOT USED
19. 1/4" FULL DEPTH STIFFENER PLATE AT 4'-0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
20. HAND HOLE AT BOLT LOCATION
21. 5/8" MB A307 AT MODULE CONNECTION JOINT – SEE FLOOR/ROOF FRAMING PLANS
22. FLOOR SHEATHING
23. MODULE JOINT
24. NOT USED
25. 3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
26. STEEL ANGLE WELD TAB
27. 8"x3 1/2"x14 GA OVERHANG BEAM – 3/S2.02

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 104812 AC — FLS — SS GR DEC 05 2002

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN SIZE
~~70 MPH~~	~~3 1/2"x3 1/2"x1/4"~~
80 MPH	3 1/2"x3 1/2"x5/16"

FILE PATH: 2440-S3.02.DWG

REVISIONS			
1	KK	ADDED ATTIC RELIEF VENT	11/19/02
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC FLS SS GR DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373-M, 4378-M, 4384 ~~4438~~ 4474

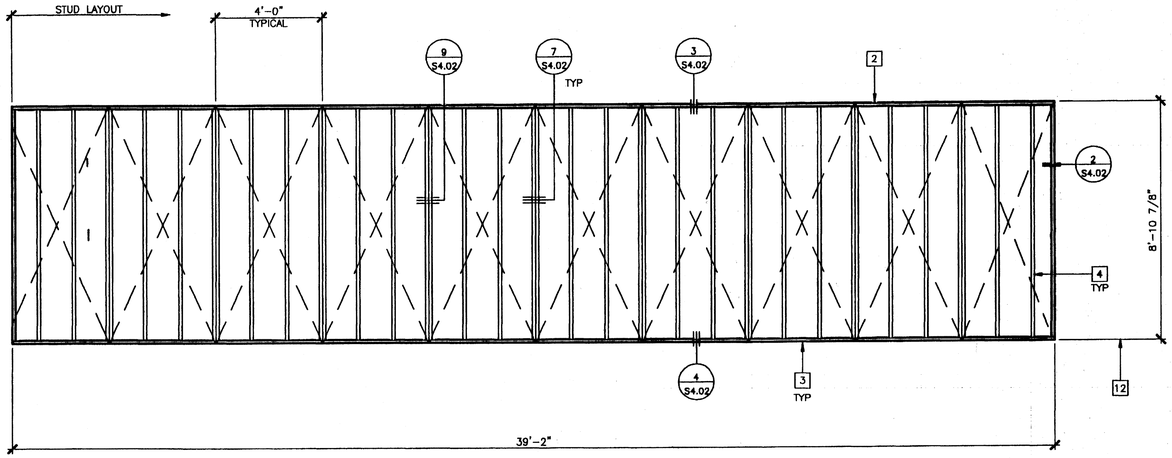
10- 24 x 40 CLASSROOMS A# 04-104812
SERIAL # 46974-01/02 TO 46978-01/02
SERIAL # 47176-01/02 TO 47176-01/02
4474 STOCK-LATHROP STOCKPILE #67

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

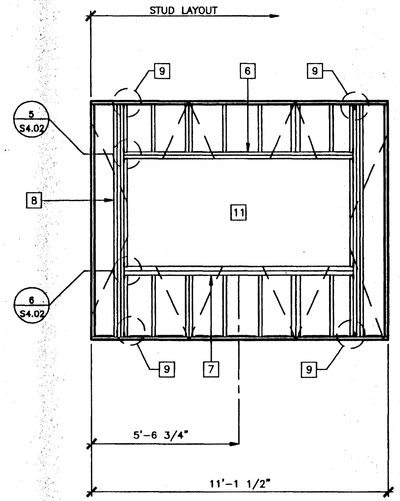
MODTECH Index No.

STRUCTURAL FRAMING 26 GA MONO PITCH S3.02

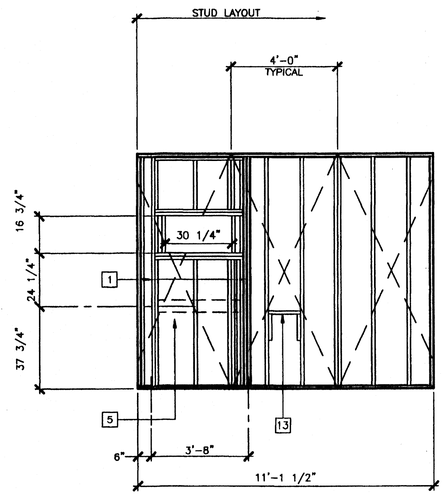
PC-04-101268 PROJECT NO. 4373



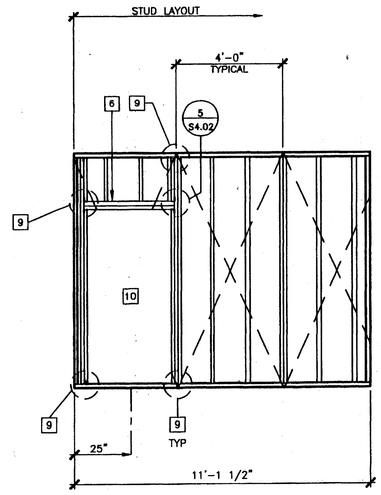
TYPICAL SIDE WALL 14 / 1



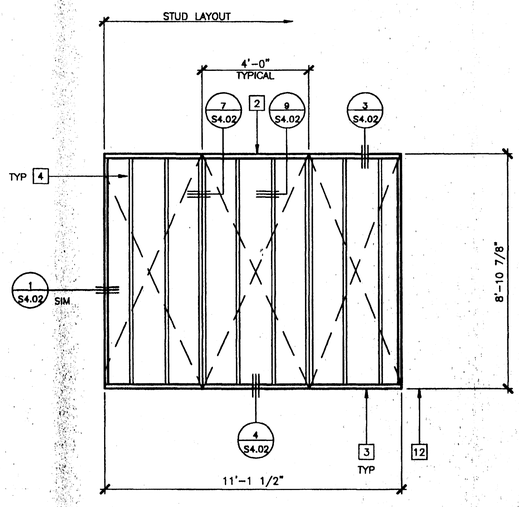
TYPICAL WINDOW



TYPICAL HVAC



TYPICAL DOOR



TYPICAL END WALL

KEY NOTES

1. 4"x4" POST
2. 2"x4" TOP PLATE
3. 2"x4" FLOOR SILL PLATE
4. 2"x4" STUDS AT 16" OC TYPICAL – FOR BUILDINGS EXCEEDING 2160 SF ONLY USE 12" OC SPACING WITHIN 4'-0" OF BUILDING CORNERS
5. 2"x6" LET IN FOR AC SUPPORT
6. 2"x4" HEADER – 13/S4.02
7. 2"x4" SILL – 13/S4.02
8. 2"x4" FULL HEIGHT KING STUDS AND 2"x4" TRIMMER 13/S4.02
9. A 34 CLIPS AT HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
10. REQUIRED OPENING FOR A 3068 DOOR – 13/S4.02
11. REQUIRED OPENING FOR A 8040 WINDOW – 13/S4.02
12. FINISH FLOOR LINE
13. FRAME FOR ELECTRICAL PANEL
14. PROVIDE 2x6 FLAT WALL BLOCKING WITH 3–16d BOX NAILS EACH END AT EACH HANDRAIL CONNECTION – 6/R1.01 SEE FLOOR PLAN FOR RAMP LOCATION. 1

FILE PATH: 2440-S4.01.DWG

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 104812
AC — FLS — SS
DATE DEC 05 2002

WALL FRAMING ELEVATIONS

WOOD STUDS

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

PC

CBC 1998

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — LICENSE EXPIRES 6-30-2002

Architects Seal — LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REN. 9-30-02 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC-04 101268
AC — FLS — SS
DATE OCT 07 2002
REVISED OCT 02 2002

MODTECH INC.
2830 BARRETT AVENUE
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PROJECT NUMBER: 4373

COLTON U.S.D.

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.

WALL FRAMING — WOOD STUDS

S4.01

PROJECT NO. 4373

PC-04-101268

NOTE:
ALL NAILS SHALL BE BOX NAILS UNLESS OTHERWISE NOTED

CONNECTION	NAILING[1]
1. JOIST TO SILL OR GIRDER, TOENAIL	3-8d
2. BRIDGING TO JOIST, TOENAIL EACH END	2-8d
3. 1"x6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL.	2-8d
4. WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST, FACE NAIL.	3-8d
5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16d
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL SOLE PLATE TO JOIST OR BLOCKING, AT BRACED WALL PANELS	16d AT 16" OC 3-16d PER 16"
7. TOP PLATE TO STUD, END NAIL	2-16d
8. STUD TO SOLE PLATE	4-8d, TOENAIL OR 2-16d, END NAIL
9. DOUBLE STUDS, FACE NAIL	16d AT 24" OC
10. DOUBLE TOP PLATES, TYPICAL FACE NAIL DOUBLE TOP PLATES, LAP SPLICE	16d AT 16" OC 8-16d
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL.	3-8d
12. RIM JOIST TO TOP PLATE, TOENAIL.	8d AT 6" OC
13. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL.	2-16d
14. CONTINUOUS HEADER, TWO PIECES.	16d AT 16" OC ALONG EACH EDGE
15. CEILING JOIST TO PLATE, TOENAIL.	3-8d
16. CONTINUOUS HEADER TO STUD, TOENAIL.	4-8d
17. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL.	3-16d
18. CEILING JOISTS, TO PARALLEL RAFTERS, FACE NAIL.	3-16d
19. RAFTER TO PLATE, TOENAIL.	3-8d
20. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL.	2-8d
21. 1"x8" OR LESS SHEATHING TO EACH BEARING, FACE NAIL	2-8d
22. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL.	3-8d
23. BUILT-UP CORNER STUDS	16d AT 24" OC
24. BUILT-UP GIRDER AND BEAMS.	20d AT 32" OC AT TOP AND BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE
25. 2" PLANKS	2-16d AT EACH BEARING
26. WOOD STRUCTURAL PANELS AND PARTICLEBOARD[2] SUBFLOOR AND WALL SHEATHING (TO FRAMING): 1/2" AND LESS 19/32"-3/4" 7/8"-1" 1 1/8"-1 1/4" COMBINATION SUBFLOOR-UNDERLAYMENT (TO FRAMING) 3/4" AND LESS 7/8"-1" 1 1/8"-1 1/4"	 6d[3] 8d[4] OR 6d[3] 8d[3] 10d[4] OR 8d[5] 6d[3] 8d[3] 10d[4] OR 8d[3]
27. PANEL SIDING (TO FRAMING)[2]: 1/2" OR LESS 5/8"	 6d[6] 8d[6]
28. FIBERBOARD SHEATHING:[7] 1/2" 25/32"	 NO. 11 GA[8] 6d[4] NO. 16 GA[9] NO 11 GA[8] 8d[4] NO.16 GA.[9]
29. INTERIOR PANELING 1/4" 3/8"	 4d[10] 6d[11]

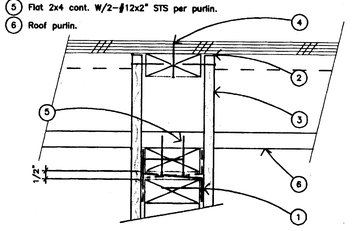
1. COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.
2. NAILS SPACED AT 6" ON CENTER AT EDGES, 12" AT INTERMEDIATE SUPPORTS EXCEPT 6" AT ALL SUPPORTS WHERE SPANS ARE 48" OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTIONS 2315.3.3 AND 2315.4. NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.
3. COMMON OR DEFORMED SHANK.
4. COMMON.
5. DEFORMED SHANK.
6. CORROSION-RESISTANT SIDING OR CASING NAILS CONFORMING TO THE REQUIREMENTS OF SECTION 2304.3.
7. FASTENERS SPACED 3" ON CENTER AT EXTERIOR EDGES AND 6" ON CENTER AT INTERMEDIATE SUPPORTS.
8. CORROSION-RESISTANT ROOFING NAILS WITH 7/16"ø HEAD AND 1 1/2" LENGTH FOR 25/32" SHEATHING CONFORMING TO REQUIREMENTS OF SECTION 2304.3
9. CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16" CROWN AND 1 1/8" LENGTH FOR 1/2" SHEATHING AND 1 1/2" LENGTH FOR 25/32" SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2304.3
10. PANEL SUPPORTS AT 16" [20" IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED]. CASING OR FINISH NAILS SPACED 6" ON PANEL EDGES, 12" AT INTERMEDIATE SUPPORTS.
11. PANEL SUPPORTS AT 24". CASING OR FINISH NAILS SPACED 6" ON PANEL EDGES, 12" AT INTERMEDIATE SUPPORTS.

NAILING SCHEDULE 17

OPENING	HEADER	SILL	JAMB	HEIGHT	WIDTH
3068	(2)2"X4"	N/A	(2)2"X4"	81 1/4"	38"
8040	(3)2"X4"	(2)2"X4"	(3)2"X4"*	47 5/8"	95 3/4"

* = 4 JAMB STUDS FOR 80 MPH DESIGN WIND LOAD

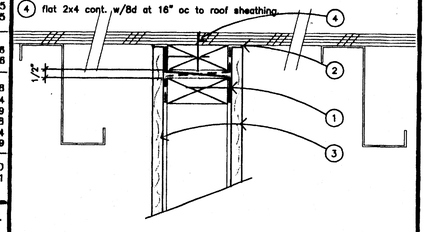
ROUGH OPENING SCHEDULE 13



3" = 1'-0" PERPENDICULAR TO PURLINS

PERPENDICULAR (RATED 16/A6.21) 14

1. 3"x 20 ga bent Z strap w/2-8d box ea end at 4'-0" oc. Alternate direction of straps. (2 STRAPS = 8'-0")
2. Continuous sealant typical.
3. 5/8" type X gypsum board both sides.
4. flat 2x4 cont. w/8d at 16" oc to roof sheathing.



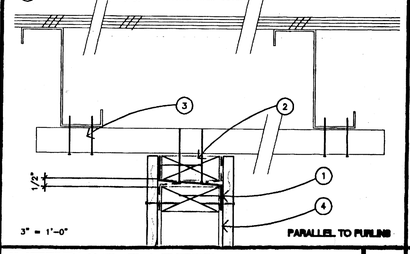
3" = 1'-0" PARALLEL TO PURLINS

PARALLEL (RATED 16/A6.21) 15

REVISED JUN 2 1 2001

SECTION AT STUD 9

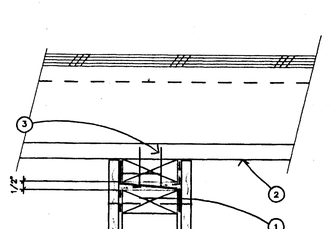
1. 3"x 20 ga bent Z strap w/2-8d box ea end at 4'-0" oc. Alternate direction of straps. (2 STRAPS = 8'-0")
2. 2x4 cont. W/2-16d per block.
3. 2x4 Block W/2-#10x2" STS Per Purlin. 4 total per block.
4. 2x wall framing W/typical interior wall cover.



3" = 1'-0" PARALLEL TO PURLINS

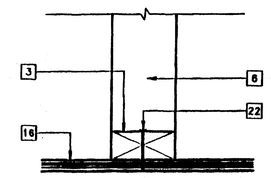
INTERIOR PARTITION PARALLEL 10

1. 3"x 20 ga bent Z strap w/2-8d box ea end at 4'-0" oc. Alternate direction of straps. (2 STRAPS = 8'-0")
2. Roof purlin
3. Flat 2x4 cont. W/2-#12x2" STS per purlin.



3" = 1'-0" PERPENDICULAR TO PURLINS

INTERIOR PARTITION PERPENDICULAR 11



SCALE: 3"=1'

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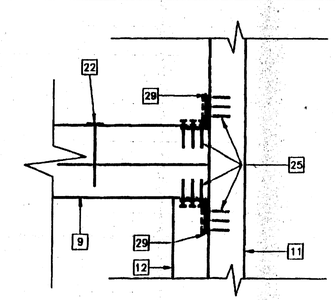
PARTITION CONNECTION AT FLOOR 12

HEADER AT JAMB 5



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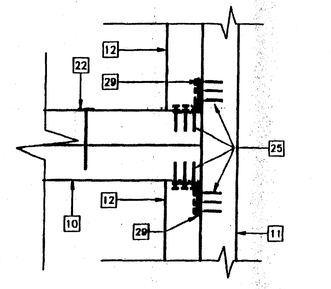
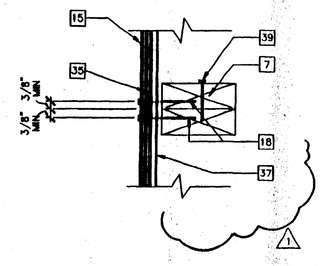


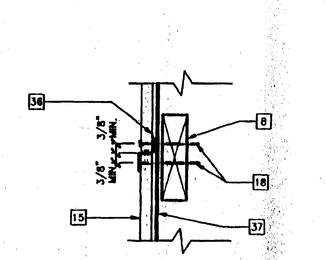
SCALE: 3"=1'

WINDOW SILL AT JAMB 6



SCALE: 3"=1'

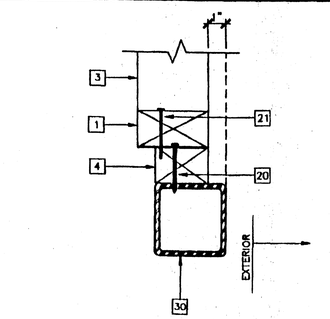
VERTICAL PLYWOOD JOINT 7



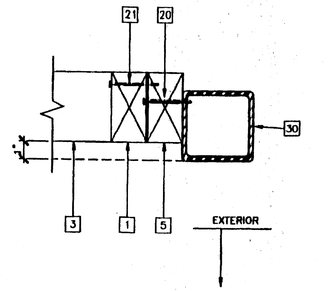
SCALE: 3"=1'

HORIZONTAL PLYWOOD JOINT 8

COLUMN AT END WALL. 1

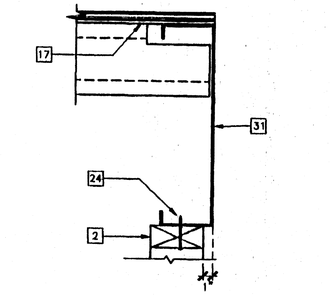


SCALE: 3"=1'

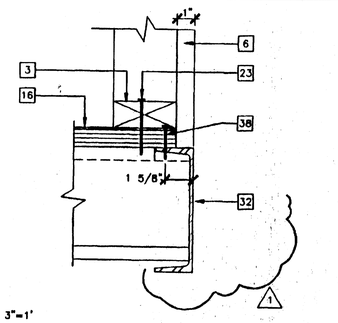


SCALE: 4"=1'

COLUMN AT SIDE WALL 2



TOP PLATE AT ROOF BEAM 3



SCALE: 3"=1'

WALL SILL AT FLOOR 4

KEY NOTES

1. 2"x4" END PLATE
2. 2"x4" TOP PLATE
3. 2"X4" FLOOR SILL PLATE
4. 2"x NAILER AT END WALL
5. 2"x4" NAILER AT SIDE WALL
6. 2"X4" AT 16" OC
7. DOUBLE 2"x4" STUDS AT PLYWOOD EDGES
8. 2"X4" BLOCKING
9. HEADER - 13/S4.02
10. WINDOW SILL - 13/S4.02
11. FULL HEIGHT JAMB STUDS - 13/S4.02
12. 2"x4" TRIMMER STUD
13. 2"X4" DOUBLE TOP PLATE AT INTERIOR PARTITIONS
14. 2"x4" BRACE AT 8'-0" OC MAX AT 45° MAX (STAGGERED)
15. EXTERIOR SHEATHING NAIL WITH 8d GALVANIZED BOX NAILS AT 6" OC EDGE NAILING, 12" OC FIELD NAILING
16. FLOOR SHEATHING
17. ROOF SHEATHING
18. EDGE NAILING 8d ELECTRO GALVANIZED AT 6" OC
19. FIELD NAILING 8d ELECTRO GALVANIZED AT 12" OC
20. #10 STSMS AT 24" OC OR 0.145ø SHOT PIN AT 24" OC
21. 16d AT 24" OC
22. 16d NAIL AT 16" OC
23. 16d BOX NAILS AT 8" OC
24. 10 STSMS AT 16" OC OR AEROSMITH AKN 0.144 DRIVE PIN AT 16" OC
25. 8dx1 1/2" NAILS
26. 1/4" DIAx2 1/2" EYE LAG SCREW AT 8'-0" OC (2" EMBEDMENT)
27. #12x2" TYPE A HEX HEAD SCREWS WITH WASHERS TYPICAL FOR 3
28. A35 CLIP BOTH SIDES OF BRACE TO TOP PLATE
29. A34 CLIPS AT HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
30. TUBE STEEL COLUMN (STR)
31. ROOF BEAM OR HEADER (STR)
32. FLOOR BEAM OR HEADER (STR)
33. ROOF PURLIN (STR)
34. 12 GA BRACE WIRES ATTACH TO EYE LAG SCREWS AND TO ROOF PURLINS AT 8'-0" OC - ENDS TO HAVE 1 TURN MINIMUM IN 1 1/2" (STAGGERED)
35. LAP JOINT
36. "Z" FLASHING
37. WATERPROOF MEMBRANE
38. EDGE NAIL AT FLOOR BEAM OR HEADER - #10x1 3/4" SELF TAPPING FLAT HEAD SCREWS AT 6" OC
39. EDGE NAIL 16d BOX NAIL AT 24" OC
40. SEALANT TYP (SEE SPECS)
41. 2"x4" FLAT NAILER WITH 6d BOX NAIL AT 16" OC
42. 2"x4" STUD WITH 5/8" TYPE 'X' GYP BOARD BOTH SIDES TO ROOF. TRIM TO CLEAR PURLINS/BRACE, CAULK AT ROOF
43. STC WITH 2-8d TOP PLATE AND 1-8d IN SLOT
44. STC BENT FLAT WITH 2-8d TO TOP WALL PLATE AND 1-8d IN SLOT AT 48" OC ALTERNATE SIDES
45. 2"x4" FLAT WITH 2-#12x2" STS EACH PURLIN
46. 2"x4" FLAT WITH 3-6d BOX NAIL TO ROOF SHEATHING
47. 2"x4" FLAT BRACE WITH 2-#12x2" STS EACH END AT 48" OC

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 104812
AC — FLS 88
DATE DEC 0 5 2002

REVISIONS

1	SP	MODTECH ENGINEERING CHANGE	9/21/00
2	SP	MODTECH ENGINEERING CHANGE	11/9/00
3	SP	REVISED DETAILS #10, 11	11/22/00
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT GEORGE C. CENTOFANTI No. C 2956 REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
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FRAMING DETAILS

S4.02

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