4 RELOCATABLE CLASSROOMS
MOUNT VERNON ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVE.
BAKERSFIELD, CA 93307

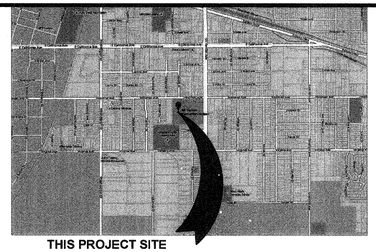
1" = 40'-0" 1" = 30'-0" 1" = 20'-0" 1/8" = 1'-0" 1/4" = 1'-0"

SHEET INDEX

ABBREVIATIONS

ABOVE	ABV.						
ABOVE FINISHED FLOOR	A.F.F.	EACH	EA.	LAMINATE	LAM.	SANITARY NAPKIN DISPENSER	S.N.D.
ACCESSIBLE	A.C.C.	ELECTRIC	ELEC.	LAVATORY	LAV.	SANITARY NAPKIN RECEPTACLE	S.N.R.
ACOUSTICAL	ACOUST.,ACT.	ELECTRIC DRINKING FOUNTAIN	E.D.F.	LEFT HAND	L.H.	SCHEDULE	SCH.
ADJACENT	ADJ.	ELEVATION	ELEV.,EL.	LINOLEUM	LINO.	SEAT COVER DISPENSER	S.C.D.
ADJUSTABLE	ADJUST.	EQUAL	EQ.	LONG	LG.	SECTION	SECT.
AIR CONDITIONING	A/C	EQUIPMENT	EQUIP.			SHEATHING	SHTG.
ALUMINUM	ALUM.,AL.	ESTIMATE	EST.	MACHINE BOLT	M.B.	SHEET	SHT.
ANCHOR BOLT	AB.	EXHAUST	EXH.	MACHINE SCREW	M.S.	SHEET METAL	S.M.
BENT ANCHOR BOLT	BAB.	EXHAUST FAN	E.F.	MANUFACTURER	MFGR.	SHEET METAL & AIR	
ANODIZED	ANOD.	EXISTING	(E)	MATERIAL	MAT.,MATL.	CONDITIONING CONTRACTOR	
ARCHITECTURAL	ARCH.	EXPANSION	EXP.	MAXIMUM	MAX.	NATIONAL ASSOCIATION	SMACNA
ASPHALT CONCRETE	A.C.	EXPANSION JOINT	E.J.	MECHANICAL	MECH.	SHEET METAL SCREWS	S.M.S.
		EXTERIOR	EXT.	MEDIUM	MED.	SHELVES	SH.
BACKBOARD	BACKBRD.			MEMBRANE	MBRNE.	SIMILAR	SIM.,SIM
BEAM	BM	FABRIC WALL COVERING	F.W.C.	METAL	MTL.	SINK	S.
BENCH MARK	B.M.	FACE OF BLOCK	F.O.B.	METAL PLANAR CEILING	M.P.C.	SOAP DISPENSER	S.D.
BETWEEN	BTWN.	FACE OF CONCRETE	F.O.C.	METAL TOILET PARTITION	M.T.P.	SPECIFICATION	SPEC.
BLOCK	BLK.	FACE OF STUD	F.O.S.	MILLIMETER	MILL.	SPLASH	SPL.
BOTTOM	BTM.,BTTM.	FACE OF WALL	F.O.W.	MINIMUM	MIN.	SPLASH BLOCK	S.B.
BUILDING	BLDG.	FACTORY FINISH	F.F.	MISCELLANEOUS	MISC.	SQUARE	SQ.
		FEET/FOOT	FT.	MULLION	MULL.	STAINLESS STEEL	S.S.
CABINET	CAB.	FEMININE NAPKIN DISPOSAL	F.N.D.			STANDARD	STD.
CADMIUM	CAD.	FIBER GLASS	F.G.,FIBERGL.	NOT IN CONTRACT	N.I.C.	STEEL	STL.
CARPET	CPT.	FINISH	FIN.	NOT TO SCALE	N.T.S.	STORAGE	STOR.
CARRIAGE BOLT	C.B.	FIRE EXTINGUISHER CABINET	F.E.C.	NUMBER	NO.,#	STIFFENER	STIFF.
CAST IRON	C.I.	FIRE RATED GYP. BD.	F.R.G.B.			STRUCTURAL	STRUCT.,ST.
CEILING	C.LG.,CEL'G.	FIXED GLASS	F.G.	OPPOSITE HAND	O.H.	SUSPENDED	SUSP.
CEILING DIFFUSER	C.D.	FLAT HEAD	F.H.	OPPOSITE	OPP.	SUSPENDED ACOUSTIC CEILING TILE	S.A.T.C.
CEILING GRILLE	C.G.	FLOOR	FLR.	ON CENTER	O.C.	SWITCH	SW.
CEILING REGISTER	C.R.	FLOOR DRAIN	F.D.	OPENING	OPG.		
CEMENT	CEM.	FLUORESCENT	FLUOR.	OUTSIDE DIAMETER/DIMENSION	O.D.	TELEPHONE	TEL.,TELE.
CENTERLINE	C.L.	FOOTING	FTG.	OVAL HEAD	O.H.	THICK	THK.
CERAMIC TILE	C.T.	FOUNDATION	FDN.	OVER (ON)	O/	THRESHOLD	THR.
CIRCUIT	CRT.	FRAMING	FRM'G.	OVERFLOW	OVFL.	TOILET PAPER	T.P.
CLEANOUT	C.O.			OVERHAND	OH.	TOILET PAPER HOLDER	T.P.H.
CLEAR	CLR.	GAGE/GAUGE	GA.			TOLERANCE	TOL.
COLD WATER	C.W.	GALVANIZE	GALV.	PAINT	PT.	TRANSFORMER	TRANS.
COLUMN	COL.	GALVANIZED IRON	G.I.	PAIR	PR.	TYPICAL	TYP.
COMBINATION/COMBUSTION	COMB.	GLASS	GL.	PAPER TOWEL DISPENSER	P.T.D.		
COMPOSITION, COMPOSITE	COMP.	GRAB BAR	G.B.	PLASTIC	PLAS.	UNDERWRITERS LABORATORY	U.L.
CONCRETE	CONC.	GRADE	GR.	PLATE	PL.	UNLESS OTHERWISE NOTED	U.O.N.
CONCRETE MASONRY UNIT	C.M.U.	GROUND	GND.	PLATED	PLTD.	URINAL	UR.
CONDITION	COND.	GYPSUM	GYP.	PLUMBING	PLBG.		
CONNECTION	CONN.	GYPSUM BOARD	G.B.,GYP.BD.	PLYWOOD	PLYWD.	VENTILATE/VENTILATION	VEN'T.
CONSTRUCTION	CONST.			POINT	PT.	VENT THROUGH ROOF	V.T.R.
CONSTRUCTION JOINT	C.J.			POINT OF CONNECTION	P.O.C.	VERIFY IN FIELD	V.I.F.
CONTINUOUS	CONT.	HARDWARE	HDW,HDWR.	POUND	LB.,#	VERTICAL	VERT.
CONTRACTOR	CONTR.	HEAD	HD.	POUND PER SQ. FOOT	P.S.F.	VINYL COMPOSITION TILE	V.C.T.
COORDINATE	COORD.	HEADER	HDR.	POUND PER SQ. INCH	P.S.I.	VINYL WALL COVERING	V.W.C.
COUNTERSINK	CSK.	HEIGHT	HT.,H.			VOLUME	VOL.
		HOLLOW METAL	H.M.	QUARTER	QTR.		
DEPARTMENT	DEPT.	HORIZONTAL	HORIZ.			WATER CLOSET	W.C.
DEPTH, DEEP	D.	HOT WATER	H.W.	RADIUS	R.,RAD.	WATER PROOF	W.P.
DETAIL	DET.,DTL.	HOSE BIBB	H.B.	RAINWATER LEADER	R.W.L.	WATER RESISTANT	W.R.
DIAGONAL	DIAG.			RECEPTACLE	RECEPT.	WIDTH	W.
DIAMETER	DIA.	INCH	IN.	REFLECTED	REFL'D.	WIRE GLASS	W.GL.
DIMENSION	DIM.	INSIDE DIAMETER/DIMENSION	I.D.	REFRIGERATOR	REF.	WITH	W/
DISPENSER/DISPOSAL	DISP.	INSULATION	INSUL.	REINFORCING	REINF.	WITHOUT	W/O
DIVISION	DIV.	INTERIOR	INT.	REMOVABLE	REMOV.	WOOD	WD.
DOOR	DR.			REQUIRED	REQ'D.	WOOD SCREWS	W.S.
DOUBLE	DBL	JAMB	JB.	RESILIENT	RES.		
DOWN	DN.	JOINT	JT.	REVISE, REVISION	REV.		
DOWNSPOUT	D.S.			RIGHT HAND	R.H.		
DRAWING	DRWG.			ROOF DRAIN	R.D.		
DRINKING FOUNTAIN	D.F.			RUBBER TOPSET BASE	R.T.B.		

VICINITY MAP



THIS PROJECT SITE
MOUNT VERNON ELEMENTARY SCHOOL
2161 POTOMAC AVE.
BAKERSFIELD, CA 93307

BAKERSFIELD CITY SCHOOL DISTRICT

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS
2. CHANGES MADE TO THE APPROVED DRAWINGS AND SPECS SHALL BE MADE BY ADDENDUM OR C.C.D., APPROVED BY DSA AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, C.C.R.
3. REFER TO RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS FOR ALL INFORMATION REGARDING THE RELOCATABLE BUILDINGS

SCOPE OF WORK

- RELOCATION OF (4) PORTABLE CLASSROOM BUILDINGS AND METAL RAMPS AND CONSTRUCTION OF UTILITY SERVICES ON AN EXISTING ELEMENTARY SCHOOL CAMPUS.

BUILDING DATA

OCCUPANCY = E
TYPE OF CONSTRUCTION = VB (NON-SPRINKLERED)

TEMP CLASSROOMS
4 (N) CLASSROOMS @ 960 S.F. (24'x40') EA. = 3,840 S.F.

TOTAL =3,840 S.F.

PER 2013 C.B.C. TABLE 503:
ALLOWABLE AREA = 9,500 S.F.

3,840 PROPOSED < 9,500 ALLOWABLE = OK

INSPECTOR OF RECORD

THIS PROJECT REQUIRES A CLASS 4 INSPECTOR. THE INSPECTOR OF RECORD SHALL BE DSA APPROVED AND CONFORM TO THE CLASSIFICATION CRITERIA AS PROVIDED IN INTERPRETATION OF REGULATIONS (IR) A-7, DATED FEBRUARY 22, 2013

THE INSPECTOR SHALL BE EMPLOYED BY THE DISTRICT AND APPROVED BY THE RESPONSIBLE ARCHITECT.

APPLICABLE CODES:

COMPLY WITH PART 1, TITLE 24, 2013 CCR.

A COPY OF TITLE 24 SHALL BE ON SITE AT ALL TIMES. CONSTRUCTION SHALL COMPLY WITH TITLE 24 CALIFORNIA CODE OF REGULATIONS. INCLUDING THE FOLLOWING:

TITLE 24, CCR, PART 2, 2013 CBC (2012 IBC, WITH CALIFORNIA AMENDMENTS).

TITLE 24, CCR, PART 3, 2013 CEC (2011 NEC, WITH CALIFORNIA AMENDMENTS).

TITLE 24, CCR, PART 4, 2013 CMC (2012 UMC, WITH CALIFORNIA AMENDMENTS).

TITLE 24, CCR, PART 5, 2013 CPC (2012 UPC, WITH CALIFORNIA AMENDMENTS).

TITLE 24, CCR, PART 6, 2013 CEC

TITLE 24, CCR, PART 9, 2013 CFC (2012 IFC, WITH CALIFORNIA AMENDMENTS).

TITLE 19, CCR.

NFPA 72, 2013 EDITION (AS PER CA AMENDMENTS)

ARCHITECT'S STATEMENT

ARCHITECT'S STATEMENT FOR PLANS PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

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

THE ITEMS CHECKED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK.)

SEE THE SHEET INDEX ON THIS SHEET FOR DRAWINGS OTHER THAN ARCHITECTURAL.

APPLICABLE:

☐ STRUCTURAL ☐ PLUMBING ☐ MECHANICAL ☒ ELECTRICAL
☒ PORTABLE MANUFACTURER ☐ OTHER

SIGNATURE OF THE ARCHITECT/ENGINEER — DATE 7/28/16
NAME, TITLE, AFFILIATION
CURTIS E. FLYNN, ARCHITECT, INTEGRATED DESIGNS BY SOMAM, INC.

C-28966 — LICENSED NUMBER
05-31-17 — EXPIRATION DATE

SYMBOLS

SECTION KEY
A / A3.03 — SECTION IDENTIFICATION; SHEET NUMBER

DETAIL KEY
1 / A2.01 — DETAIL NUMBER; SHEET NUMBER

INTERIOR ELEVATION KEY
A, B, C, D / 1 / A5.01 — ELEVATION DIRECTION; ELEVATION IDENTIFICATION; SHEET NUMBER

ELEVATION DATUM
+1'-0" — INDICATES HEIGHT IN RELATION TO 0'-0"

ROOM NUMBER / FINISH TAG
OFFICE / 100 — ROOM NAME; ROOM NUMBER

(A) WINDOW SCHEDULE KEY

(1) KEYNOTE SCHEDULE KEY

(201) DOOR SCHEDULE KEY

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6011 N. Fresno, Suite 130 – Fresno, California 93710
Phone (559) 436-0861 Fax (559) 436-0887 E-Mail: design@somam.com
www.integratedddesigns.com

Revision:	Revision Description:	Rev. Date:

Sheet Title: TITLE SHEET

Project Name & Address:
4 RELOCATABLE CLASSROOMS
MOUNT VERNON ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVE. BAKERSFIELD, CA 93307

Issue Date:	Date:	Designer:	DR:	PC:
10/31/14	07/25/16	--	--	CJH

Agency Approval Stamp:

FILE #: 15-6
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-117168
AC MF FLS SCH SS TN
DATE AUG 04 2016
TRACKING #:

Stamp(s):

REGISTERED ARCHITECT CURTIS E. FLYNN No. C 28966 PROFESSIONAL STATE OF CALIFORNIA

Job No.: 5125

Sheet No.: T1.01

Release: -

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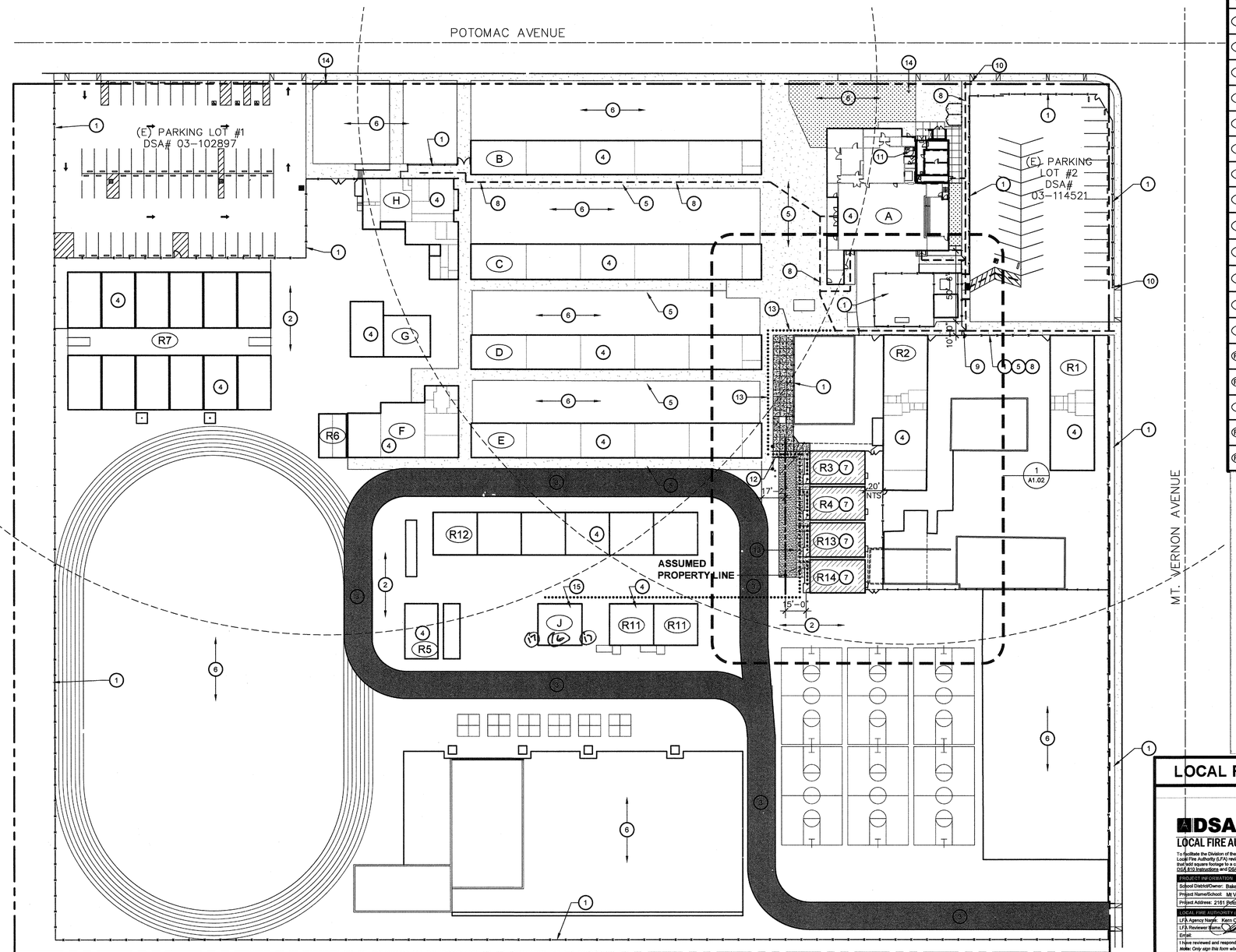

1" = 40'-0"
1" = 30'-0"
1" = 20'-0"
1/8" = 1'-0"
1/4" = 1'-0"

SITE PLAN

MOUNT VERNON ELEMENTARY SCHOOL

SCALE: 1" = 40'

BUILDING KEY

#	DSA APPLICATION	BUILDING USE
A	19177	MULTI-USE, CAFETERIA, KITCHEN
B	3252	5 CLASSROOMS TOILET
C	3252	5 CLASSROOMS TOILET
D	5616	5 CLASSROOMS TOILET
E	5616 / 39113	5 CLASSROOMS TOILET
F	5616	4 MUSIC CLASSROOMS
G	28584	COUN./ ACAD / COACH
H	3252 / 32802	ADMINISTRATION
R1	32682	2 KINDERGARTEN CLASSROOMS
R2	27729 / 30116	2 KINDERGARTEN CLASSROOMS
R3	PER THIS APPLICATION	RELOCATABLE CLASSROOM
R4	PER THIS APPLICATION	RELOCATABLE CLASSROOM
R5	NON- CONFORM.	KINDERGARTEN MAGNET
R6	30420	RELO TOILETS
R7	03-102897	12 RELO CLASSROOMS
R11	54429	2 RELO. CLASSROOMS
R12	30402	6 RELO. CLASSROOMS
J	03-102897	TOILETS
R13	PER THIS APPLICATION	RELOCATABLE CLASSROOM
R14	PER THIS APPLICATION	RELOCATABLE CLASSROOM

KEY NOTES

1. (E) CHAIN LINK FENCE AND GATE TO REMAIN
2. (E) A.C. PAVING TO REMAIN
3. (E) 20'-0" WIDE FIRE TRUCK ACCESS LANE
4. (E) BUILDING TO REMAIN (NO WORK)
5. (E) CONCRETE WALK TO REMAIN (NO WORK)
6. (E) TURF AND IRRIGATION TO REMAIN
7. NEW MODULAR CLASSROOM ON WOOD FOUNDATION INSTALLED PER MANUFACTURERS DRAWINGS
8. EXISTING ACCESSIBLE PATH OF TRAVEL TO REMAIN, VERIFY IN FIELD
9. EXISTING 48" WIDE CHAIN LINK GATE W/ PANIC HARDWARE PER DSA APPL. NO. 03-114521
10. EXISTING SITE ENTRANCE SIGN PER DSA APPL. NO. 03-114521
11. (E) ACCESSIBLE STAFF RESTROOM PER DSA APPL. NO. 03-114521
12. NEW ACCESSIBLE CONCRETE RAMP w/ HANDRAILS PER DETAIL 16/A1.03
13. PROPOSED ACCESSIBLE PATH OF TRAVEL (P.O.T.) REFER TO ACCESSIBILITY NOTE, THIS SHEET
14. EXISTING FIRE HYDRANT TO REMAIN
15. UPDATE RESTROOM SIGNAGE PER DETAIL 2/A1.02
16 (5) Student & Staff RR Per DSA # 03-10287
17 Existing DF. Confirm Compliance w/2013 CBC chapters 11B-602 and 11B-216.2

FLOOD ZONE INFO

FLOOD ZONE DESIGNATION:	ZONE X (0.2%)
F.I.R.M. PANEL DESIGNATION:	06029C2325E
EFFECTIVE DATE OF F.I.R.M:	09 / 26 / 2008
BASE FLOOD ELEVATION (BFE):	~400 FT.
COMMUNITY ORDINANCE SECTION:	BMC 15.74.040

PARKING CALCULATION

EXISTING PARKING LOT #1 (03-102897)

TOTAL STALLS PROVIDED:	57
ACCESSIBLE STALLS REQUIRED PER CBC TABLE 11B-208.2:	3
VAN SPACES REQUIRED (1 PER 6 ADA):	1
ACCESSIBLE STALLS PROVIDED:	2 REGULAR 1 VAN 3 TOTAL

EXISTING PARKING LOT #2 (03-114521)

TOTAL STALLS PROVIDED:	34
ACCESSIBLE STALLS REQUIRED PER CBC TABLE 11B-208.2:	2
VAN SPACES REQUIRED (1 PER 6 ADA):	1
ACCESSIBLE STALLS PROVIDED:	1 REGULAR 1 VAN 2 TOTAL

ACCESSIBILITY NOTES

- THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS, AS PART OF THE DESIGN OF THIS PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
- DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

LEGEND

- INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
- INDICATES NEW PORTABLE BUILDING UNDER THIS APPLICATION
- INDICATES PROPOSED FIRE TRUCK ACCESS OVER A.C. PAVING
- HALF-TONE DASHED LINE INDICATES EXISTING ACCESSIBLE PATH OF TRAVEL
- INDICATES PROPOSED ACCESSIBLE PATH OF TRAVEL, THIS APPLICATION

LOCAL FIRE AUTHORITY REVIEW

Fire Flow Test Application. Page 1 of 3

CALIFORNIA WATER SERVICE
FIRE FLOW TEST

Home Help Instructions Worksheet Feedback

California Water Service Company
Fire Flow Test

Test Date: 9/7/2016 Test Time: 12:30 Approval Date: (Not Yet)
District: BAKERSFIELD
Requested by:
Address: 2161 Potomac Ave
Cross Street: Mount Vernon Ave
Requested for: Bakersfield City School District
Purpose Of Test: Fire Flow
Conducted by: Jose Infante, Joel Huntington
Witnessed By: CAL FIRE
DOMC

Outlet No.	Size	Outlet Coeff.	PSIG Observed	Static Pressure	Residual Pressure	Flow Observed	Flow Available
Location 1 Richard & 3600 Address 2161 Potomac Ave							
1	4.5	0.9	57	3042	55	2342	3545
2	0	0	0	0		0	
3	0	0	0	0		0	
4	0	0	0	0		0	
Total Flow Observed/Available @20:						2342	3492

Remarks: 1770 GPM
Static/Residual Location: Hwy 6 3004 3005 west of hydrant @ 3006

Note:
Regardless of the results of this test, California Water Service Company assumes no liability beyond that stated in the following current Fire Flow Tariff Schedule: "The utility (California Water Service Company) will strive to carry such static water at such pressures as may be available from time to time as a result of its normal operation of the system."

http://cwgwebserver/fireflow/ 9/12/2016

LFA Review Sheet

DSA 810

LOCAL FIRE AUTHORITY REVIEW

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

PROJECT INFORMATION
School District/Owner: Bakersfield City School District
Project Name/School: Mt Vernon Elementary
Project Address: 2161 Potomac Ave

LOCAL FIRE AUTHORITY (LFA)
LFA Agency Name: Kern County Fire Department
LFA Reviewer Name: [signature] Title: FF
Email: Telephone Number: 391-7000
I have reviewed and responded to the applicable items for this project as listed below.
Note: Only sign this form when it is incorporated into the site plan. A loose form is not acceptable to DSA.
LFA Reviewer's Signature: [signature] Date: 9-11-16
Review Key: "Y" = Complies with LFA requirements "N" = Not approved (complete Section B)
"NA" = Not applicable to the project "NR" = LFA elects not to review

	Description	Y	N	NA	NR
1	Where an elevator does not meet medical emergency service cab size, per the California Building Code (CBC), use of stairways for emergency rescue and patient transport is acceptable.				✓
2	Access roads, fire lane markings, pavers and gate entrances are in accordance with Title 19, California Code of Regulations and the California Fire Code, Chapter 5.	✓			
3	Fire hydrant location and distribution complies with the California Fire Code (or see # 4).	✓			
4	Fire hydrant location and distribution complies with NFPA 1142, "Alternate Means." If "NR" is checked, DSA can only approve on-site water storage as an alternate. The signature of the school district official is required to acknowledge the use of alternate means.				✓
	Signature of School District Official: _____ Date: _____				
	Print the School District Official's Name: _____				
5	The location(s) of the proposed post indicator valve and fire department connection meet the requirements of this jurisdiction.				✓
6	The location(s) of the detector check valve assembly meet the requirements of this jurisdiction.				✓
7	Is the project located in a hazard severity zone area? (CBC, Chapter 7A, Section 701A.) ☐ Yes ☑ No Check type if "Yes": ☐ Moderate ☐ High ☐ Very High ☐ WFA (If one of these boxes is checked, the project design must meet the requirements of Chapter 7A.)				
8	COMMENTS (note deficiencies):				

DSA 810 (rev 05-12-14) DEPARTMENT OF GENERAL SERVICES Page 1 of 1
DIVISION OF THE STATE ARCHITECT STATE OF CALIFORNIA

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Phone (559) 436-0681 Fax (559) 436-0887 E-Mail: design@somam.com
www.integrateddesigns.com

Revision:	Revision Description:	Rev. Date:

Sheet Title: SITE PLAN

Project Name & Address:
4 RELOCATABLE CLASSROOMS
MOUNT VERNON ELEMENTARY SCHOOL
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Stamp(s):
LICENSED ARCHITECT CURTIS E. FLYNN No. C 28566 STATE OF CALIFORNIA

Job No.: 5125

Sheet No.: A1.01

Release: -

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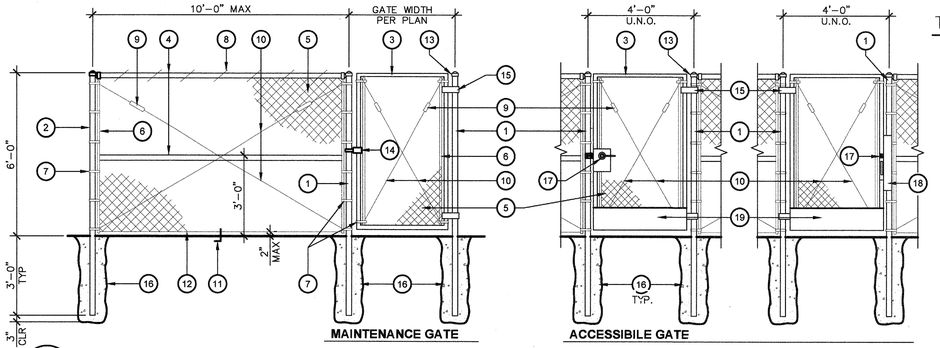


1 A1.02 TYPICAL CHAIN LINK FENCE AND GATES

ADY100-01

TYPICAL FENCE & GATE KEYNOTES

1. 4" O.D. GALVANIZED STEEL GATE POST (9.1 lb/ft)
2. 2 7/8" O.D. GALVANIZED STEEL END OR CORNER POST (5.79 lb/ft)
3. 2" O.D. GALVANIZED STEEL GATE FRAME (2.72 lb/ft)
4. 1 5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL (2.27 lb/ft)
5. 2"x2" MESH x 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW)
6. 1/4"x3/4" GALVANIZED STEEL STRETCHER BAR
7. GALVANIZED STEEL STRETCHER BAR TENSION BAND, MIN. OF 6 TENSION BANDS
8. 9 GAUGE (0.148" DIA.) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAX. SPACING. MIN. 8 TIE WIRES PER EACH 10" HORIZONTAL RAIL
9. GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIA. TRUSS ROD
10. 3/8" DIA. GALVANIZED STEEL ADJUSTABLE TRUSS ROD. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS AND END OR CORNER POST PANELS
11. 3/8"x6" GALVANIZED HOOK BOLT WITH NUT IMBEDDED IN MIDWAY BETWEEN POSTS
12. 7 GAUGE (0.177" DIA.) GALVANIZED STEEL TENSION WIRE
13. RAINPROOF CAP
14. LOCKING HASP
15. 180° GATE HINGE, TYP
16. 12"ø CONCRETE POST FOOTING (TYP.)
17. TRIM, LEVER HANDLE & RIM CYLINDER LOCK PER DISTRICT STANDARD 34" – 44"
18. 16ga GATE GUARD
19. 10" HIGH x GATE WIDTH, 16 ga POWDER-COATED METAL KICK PLATE, TYP BOTH SIDES OF GATE.

GENERAL NOTES

A. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:

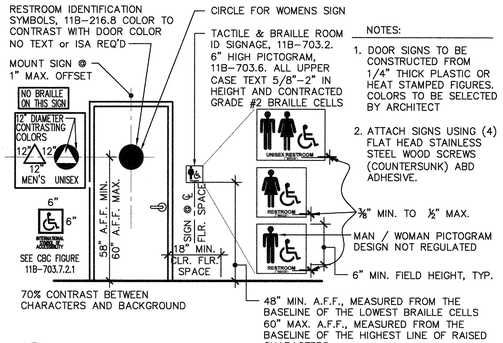
IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A C.C.D. OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

*PER DSA IR 16-1, SEC. 5.4

B. CONTRACTOR SHALL ADJUST ALL DOOR CLOSERS TO A MAXIMUM OPENING FORCE OF 5 LBF

KEY NOTES

1. EXISTING CHAIN LINK FENCE AND GATE TO REMAIN
2. EXISTING ACCESSIBLE PATH OF TRAVEL, VERIFY IN FIELD FOR COMPLIANCE
3. NEW TACTILE EXIT SIGN PER DETAIL 2/A1.03
4. NEW ROOM IDENTIFICATION AND ISA SIGNAGE, REFER TO DETAILS 3, 4/A1.03
5. EXISTING 20' WIDE FIRE TRUCK ACCESS LANE OVER EXISTING AC PAVING, APPROVED BY THE LOCAL JURISDICTION.
6. NEW TEMPORARY PORTABLE BUILDINGS ON RAISED WOOD FOUNDATIONS WITH METAL RAMP SUPPLIED BY MANUFACTURER. OWNER TO REMOVE ALL INTERFERING PLAY EQUIPMENT
7. EXISTING LANDSCAPE AREA TO REMAIN. NO WORK
8. EXISTING PLAYBOX TO REMAIN. NO WORK
9. METAL RAMP PER 2/R1.01
10. EXISTING UTILITY BOX TO REMAIN. NO WORK
11. EXISTING BUILDING TO REMAIN. NO WORK
12. EXISTING CONCRETE WALKWAY TO REMAIN. NO WORK
13. EXISTING PLAYCOURT TO REMAIN. NO WORK
14. EXISTING A.C. PAVING TO REMAIN. NO WORK
15. PROPOSED ACCESSIBLE PATH OF TRAVEL PER THIS APPLICATION. SEE ACCESSIBILITY NOTES, SHEET A1.01
16. INSTALL NEW SECTION OF CHAIN LINK FENCE. MATCH AND TIE-IN TO EXISTING
17. NEW PAIR OF 4'-0" CHAIN LINK GATES
18. NEW 6"H. CONCRETE CURB AT EDGE OF NEW PLAYBOX BOUNDARY
19. NEW CAST-IN-PLACE CONCRETE HARDSCAPE. FLUSH EDGE WITH EXISTING ADJACENT WALKWAY. 2% MAX. CROSS SLOPE
20. NEW CAST-IN-PLACE ACCESSIBLE CONCRETE WALKWAY. 2% MAX. CROSS SLOPE.
21. NEW CAST-IN-PLACE CONCRETE RAMP. 5% MAX SLOPE. 2% MAX. CROSS SLOPE. SEE 16/A1.03.
22. NEW A.C. PAVED TRANSITION. SLOPE AWAY FROM BUILDING AT 2% MAX. TO MEET EXISTING GRADE
23. EXISTING UTILITY BOX TO REMAIN. ADJUST HEIGHT TO BE FLUSH WITH NEW CONCRETE HARDSCAPE
24. PORTION OF EXISTING CHAIN LINK FENCE AND POSTS TO BE REMOVED
25. PORTION OF EXISTING A.C. PAVING TO BE REMOVED. REGRADE AND PREPARE FOR INSTALLATION OF NEW CONCRETE SURFACE
26. PORTION OF EXISTING CONCRETE CURB AT EDGE OF PLAYBOX AND PLAY FILL TO BE REMOVED. REGRADE AREA AND PATCH BACK WITH NEW A.C. PAVING. FLUSH EDGE OF NEW PAVING WITH EXISTING



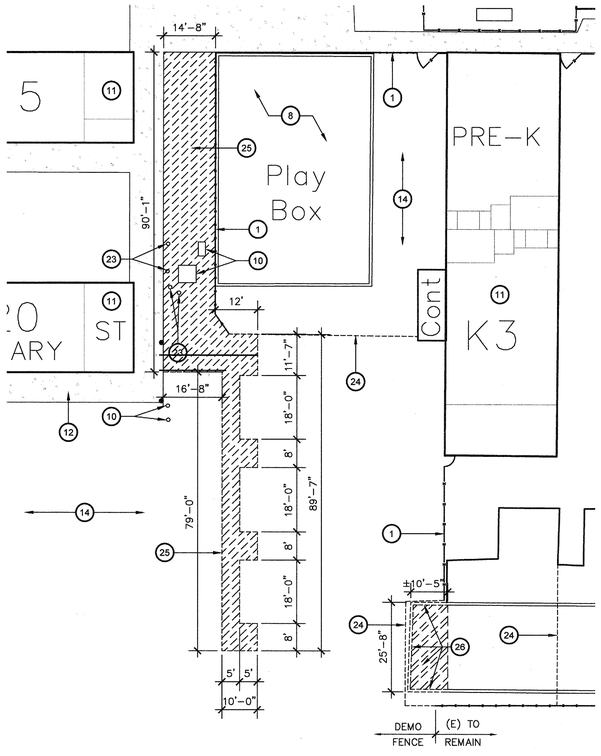
NOTES:

1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT
2. ATTACH SIGNS USING (4) FLAT HEAD STAINLESS STEEL WOOD SCREWS (COUNTERSUNK) ABD ADHESIVE.

2 A1.02 RESTROOM SIGNAGE

ADA000-01

SCALE: 1" = 1'-0"



3 SITE DEMOLITION PLAN

1" = 20'

ENLARGED SITE PLAN

MOUNT VERNON ELEMENTARY SCHOOL

SCALE: 1" = 20'

SERIAL NUMBER SCHEDULE

CLSRM	STKP #	SERIAL #
R3	04-100929	38072/73
R4	66341	30256/57
R13	04-101984	44999/45000
R14	04-101984	45023/24

SAFE DISPERAL

TEMP CLASSROOMS

4 (N) CLASSROOMS @ 960 S.F. (24'x40') EA. = 3,840 S.F.

TOTAL = 3,840 S.F.

3,840 S.F. / 20 S.F. PER OCCUPANT	= 192 OCCUPANTS
192 OCCUPANTS x 5 S.F. / OCCUPANT	960 S.F. REQ'D
1,870 S.F. PROVIDED	= OK

LEGEND

- INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
- INDICATES NEW PORTABLE BUILDING UNDER THIS APPLICATION
- INDICATES PROPOSED FIRE TRUCK ACCESS OVER A.C. PAVING
- INDICATES NEW CAST-IN-PLACE CONCRETE SURFACE. SEE CIVIL
- INDICATES BOUNDARY OF NEW A.C. PAVED SURFACE. SEE CIVIL
- INDICATES BOUNDARY OF EXISTING A.C. PAVED SURFACE TO BE DEMOLISHED
- HALF-TONE DASHED LINE INDICATES EXISTING ACCESSIBLE PATH OF TRAVEL
- INDICATES PROPOSED ACCESSIBLE PATH OF TRAVEL, THIS APPLICATION

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Revision: / Revision Description: / Rev. Date:

Sheet Title: ENLARGED SITE PLAN

Project Name & Address: 4 RELOCATABLE CLASSROOMS
MOUNT VERNON ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVE, BAKERSFIELD, CA 93307

Issue Date:	Date:	Designer:	DR:	PIC:
10/31/14	07/25/16	--	--	CJH

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Job No.: 5125

Sheet No.: A1.02

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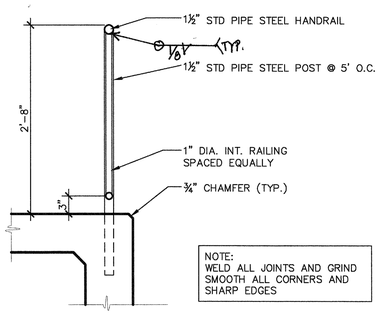
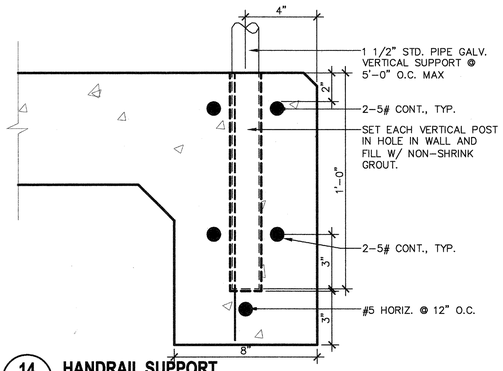
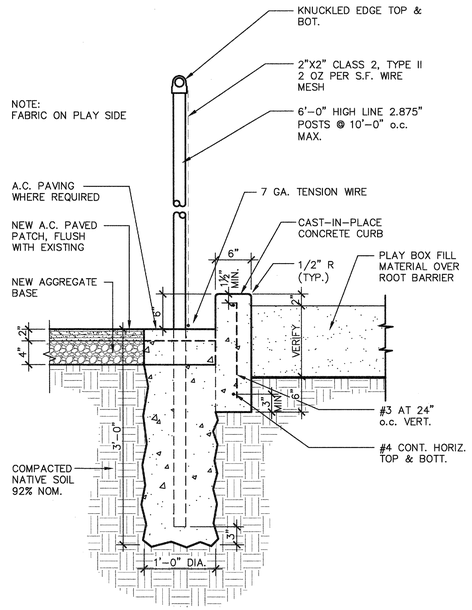


13 / A1.03 HANDRAIL
AD50-A
SCALE: 1" = 1'-0"

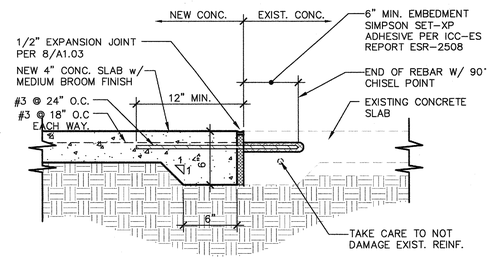


14 / A1.03 HANDRAIL SUPPORT
AD48-A
SCALE: 3" = 1'-0"

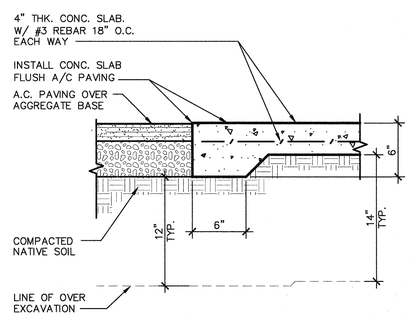


10 / A1.03 CONCRETE CURB AND FENCE AT PLAY BOX
ADS110-02
SCALE: 1" = 1'-0"

INSTALLATION:
1. DRILL HOLE 1/8" LARGER THAN REBAR DIAMETER
2. CLEAN HOLE THOROUGHLY OF DUST AND FRAGMENTS WITH WATER, WIRE BRUSH, AND AIR.

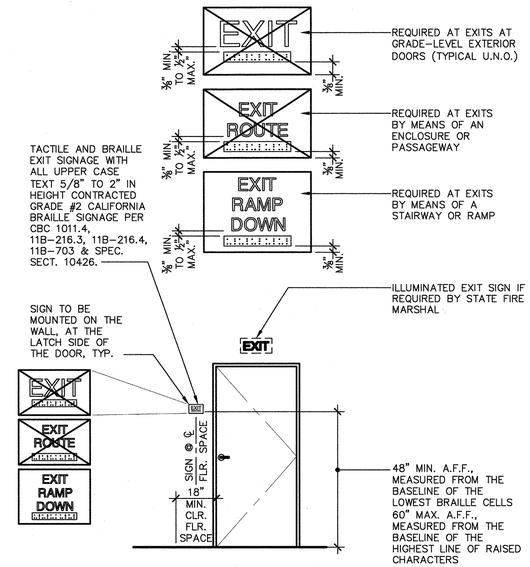


5 / A1.03 (N) CONC. WALK @ (E) CONC. WALK
ADS100-05
SCALE: 1 1/2" = 1'-0"

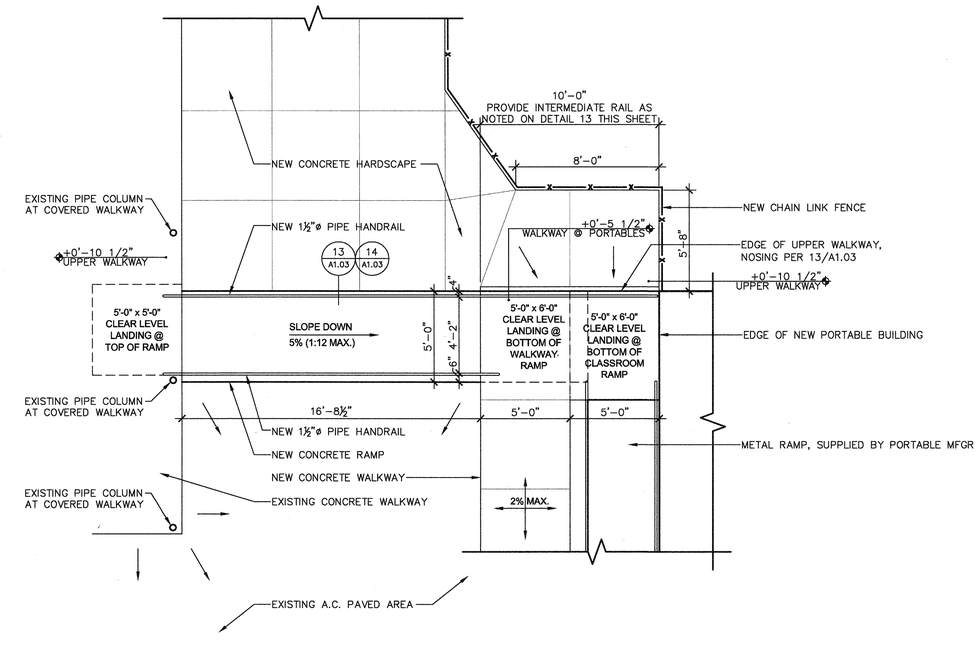


6 / A1.03 CONCRETE SLAB AT PAVING
ADS100-03
SCALE: 1 1/2" = 1'-0"

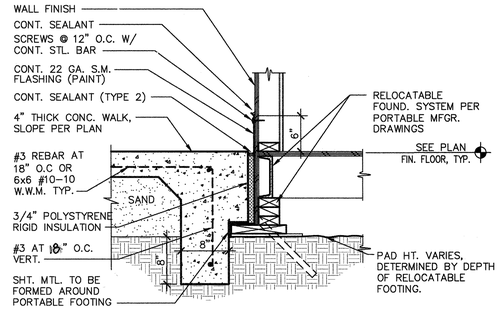
NOTES:
1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS, (COUNTERSUNK,) AND ADHESIVE.
3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND



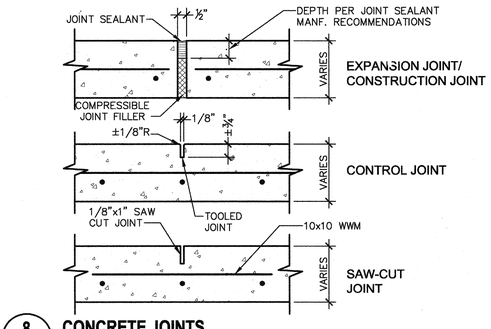
2 / A1.03 TYPICAL EXTERIOR DOOR SIGNAGE
ADX200-01
SCALE: 3/8" = 1'-0"



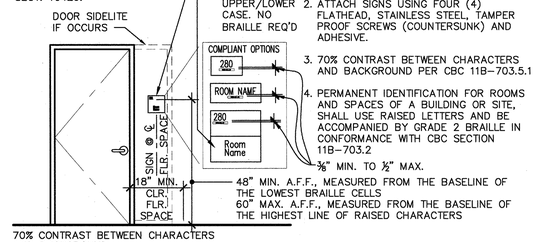
16 / A1.03 RAMP DOWN TO CONC. WALKWAY AT PORTABLES
ADS110-03
SCALE: 1/4" = 1'-0"



7 / A1.03 TYPICAL FOOTING @ WALK
ADP100-02
SCALE: 1" = 1'-0"



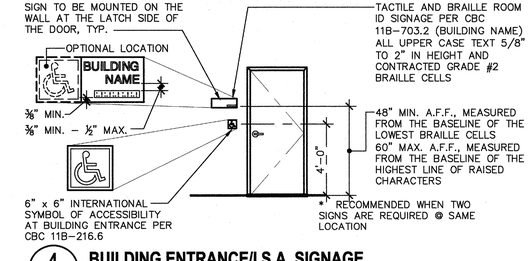
8 / A1.03 CONCRETE JOINTS
ADS110-01
SCALE: 3" = 1'-0"



NOTES:
1. DOOR SIGNS TO BE CONSTRUCTED FROM ¼" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS (COUNTERSUNK) AND ADHESIVE.
3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND PER CBC 11B-703.5.1
4. PERMANENT IDENTIFICATION FOR ROOMS AND SPACES OF A BUILDING OR SITE, SHALL USE RAISED LETTERS AND BE ACCOMPANIED BY GRADE 2 BRAILLE IN CONFORMANCE WITH CBC SECTION 11B-703.2
5. ⅜" MIN. TO ½" MAX.

3 / A1.03 ROOM ID SIGNAGE
ADX100-01
SCALE: NO SCALE

NOTES:
1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS (COUNTERSUNK) AND ADHESIVE.
3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND PER CBC 11B-703.5.1.
4. ISA SYMBOL CAN ALSO BE PLACED ON DOOR. THE LOCATION IS NOT REGULATED.



4 / A1.03 BUILDING ENTRANCE/I.S.A. SIGNAGE
ADA100-01
SCALE: 1/4" = 1'-0"

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Revision:	Revision Description:	Rev. Date:

Sheet Title: SITE DETAILS

Project Name & Address:
4 RELOCATABLE CLASSROOMS
MOUNT VERNON ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVE. BAKERSFIELD, CA 93307

Issue Date:	Designer:	PC:
10/31/14	--	CJH
Date: 07/26/16	DR: --	

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Sheet No.: A1.03

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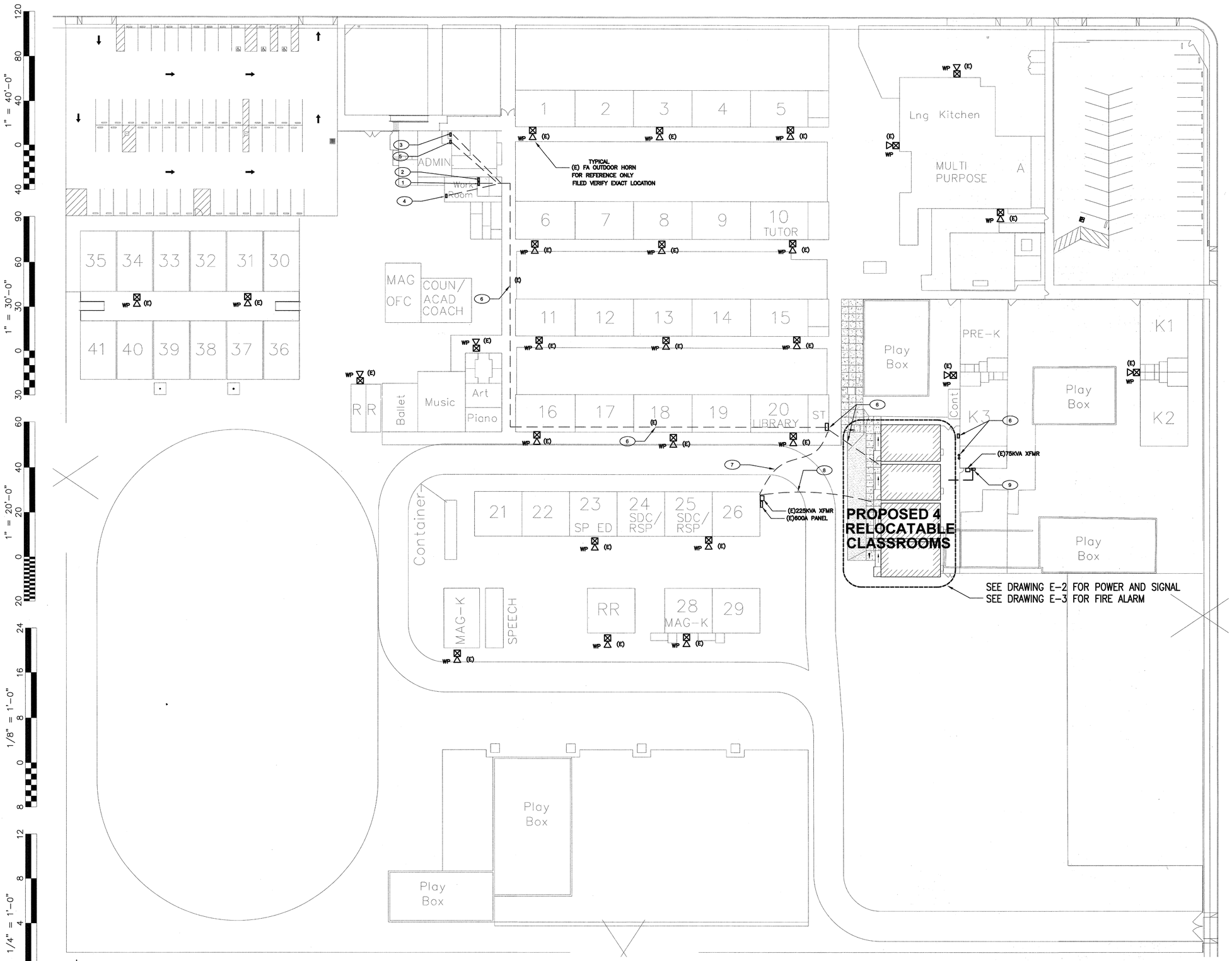

1" = 40'-0"
1" = 30'-0"
1" = 20'-0"
1/8" = 1'-0"
1/4" = 1'-0"

SITE PLAN - ELECTRICAL

3 RELOCATABLE CLASSROOM

SCALE : 1" = 30' - 0"

SHEET NOTES

1. APPROXIMATE LOCATION FOR NEW ADDRESSABLE FIRE ALARM CONTROL PANEL TO REMAIN IN SERVICE. PROVIDE CONNECTION TO NEW FIRE ALARM DEVICES PER PLANS, UPDATE NEW FIRE ZONE MAP AND PROGRAM NEW DEVICES INFORMATION, MEASURE ACTUAL LOAD CURRENT AND VOLTAGE DROP FOR EACH NAC SIGNAL CIRCUITS, AND FACP STANDBY CURRENT AND ALARM CURRENT. SEND THE REPORT TO OWNER AND ENGINEER FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
2. FURNISH AND INSTALL A NEW FIRE ALARM DIGITAL VOICE COMMAND CENTER AND INTER CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. SURFACE MOUNT NEXT TO FACP FACE. FILED VERIFY EXACT LOCATION. SEE FA DRAWING E-3 RISER DIAGRAM.
3. APPROXIMATE LOCATION FOR NEW EXISTING PA/C/TELEPHONE EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
4. APPROXIMATE LOCATION FOR NEW EXISTING COMPUTER MDF SERVER EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
5. APPROXIMATE LOCATION FOR NEW EXISTING MASTER INTRUSION ALARM EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
6. APPROXIMATE LOCATION FOR (E) SIGNAL TC AND OR CONDUITS TO REMAIN. PULL IN NEW SIGNAL CONDUCTORS AS REQUIRED. SEE RISER DIAGRAMS.
7. (E) AERIAL CABLE TO REMAIN AND REUSE PER PLANS. SEE SINGLE LINE DIAGRAM.
8. DISCONNECT AND REMOVE (E) AERIAL CABLE. REMOVE ASSOCIATE CONDUIT AND SUPPORT AND RETURN TO OWNER. FILED VERIFY LOCATION.
9. APPROXIMATE LOCATION FOR EXISTING POWER PANEL. PROVIDE NEW UNDERGROUND CONDUIT, FEEDERS AND POWER CONNECTION FOR NEW RELOCATABLE CLASSROOM BUILDINGS PER PLANS. SEE SINGLE LINE DIAGRAM.

(6) INDICATE EXISTING CONDUIT AND WIRING. FOR REFERENCE ONLY, FIELD VERIFY AS REQUIRED.

PROJECT NOTES

1. SOURCE OF POWER HAS BEEN INVESTIGATED AND IS ADEQUATE FOR THE ADDITIONAL LOAD.
2. SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TEST
3. CONTRACTOR TO MONITOR EXISTING FIRE ALARM SYSTEM IF IT IS INTERRUPTED OR DISCONNECTED.

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Revision:	Revision Description:	Rev. Date:	Revision:	Revision Description:	Rev. Date:

Sheet Title: SITE PLAN - ELECTRICAL

Project Name & Address:
MT. VERNON ELEMENTARY SCHOOL
4 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVE., BAKERSFIELD, CA

Issue Date:	Designer:	DR:	PC:
00/00/14	J CHONG	J CHONG	CJM
Date: 05/28/14			

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Job No.: 5125

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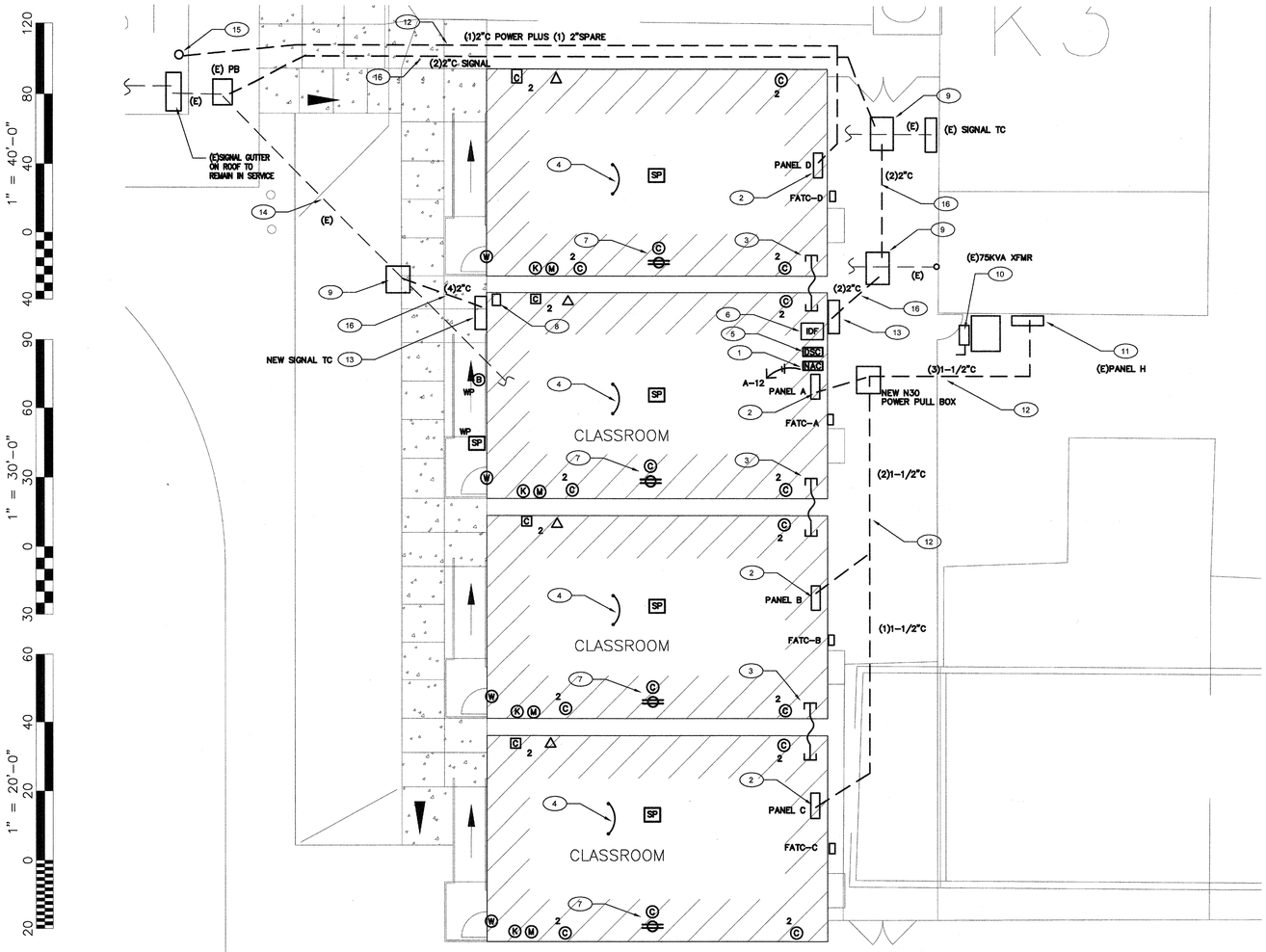
Exp.6/30/2016
ELECTRICAL
STATE OF CALIFORNIA



POWER AND SIGNAL PLAN

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

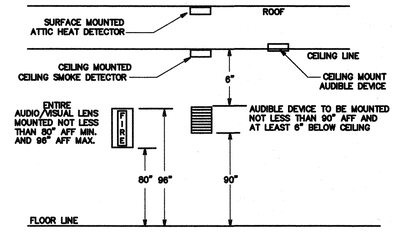
PANEL A

120/240V 1ø 3W | 100 AMP MAIN BREAKER | REAR | 10,000 AIC | FLUSH | NEMA 1

TOTAL LOAD KVA: øA 8.7KVA 72A | øB 8.7KVA 72A

CKT	SERVING	NOTE	GND	AWG	AMP	POLE	øA	øB	POLE	AMP	AWG	GND	NOTE	SERVING	CKT
1	RECEPTACLE		1	2	20	1	0.7	0.7							
3	RECEPTACLE		1	2	20	1			0.7	7.1					
5	SPACE		1	2	20	1									
7	SPACE		1	2	20	1									
9	INT/EXT LIGHTS		1	2	20	1	0.9								
11	INT. LIGHTS		1	2	20	1			0.8	0.1					
											60	2	8	10	HVAC 3.5 TON	2
											20	1	1	2		4
											20	1	1	2	SPACE	6
											20	1	1	2	SPACE	8
											20	1	1	2	SPACE	10
											20	1	1	2	FIRE ALARM NAC PANEL	12

NOTES:
1. PROVIDE CIRCUIT DIRECTORY INSIDE PANEL.
2. PROVIDE NEW MATCHING BREAKER AND MECHANICAL LOCK ON BREAKER PER NFPA 72, 10.6.5.2: DEDICATED CIRCUIT, MECHANICALLY PROTECTED (LOCKOUT), RED MARKING, ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, ID'D AS FIRE ALARM, EMERGENCY COMMUNICATIONS OR FIRE ALARM/ECS. LOCATION OF CIRCUIT DISCONNECT (BREAKER) PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.



1 TYPICAL FIRE ALARM DEVICES MT'D DETAIL

N.T.S.

MEP COMPONENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAILS IS PROVIDED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18 THROUGH 1616A. 1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND WEIGHER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

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

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 12.6.6, 13.6.5.6 AND 2013 CBC, SECTION 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPA #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE , DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

SHEET NOTES

1. APPROXIMATE LOCATION FOR NEW FIRE ALARM SIGNAL AND AUDIO BOOSTER PANEL. PROVIDE 110V POWER CONNECTION AND DEDICATED CIRCUIT FROM PANEL A-12. SEE DRAWING E-3 FOR MORE INFORMATION.
2. PROVIDE POWER CONNECTION FOR RELOCATABLE BUILDING PRE-WIRED PANEL. SEE SINGLE LINE DIAGRAM ON DRAWING E-4.
3. PROVIDE 2"C EMT BETWEEN BUILDINGS AND STUB INTO BUILDING CEILING CAVITY FOR SIGNAL WIRING RACEWAY. CORE DRILL AND SEAL EXTERIOR WALL AS REQUIRED. PULL BACK PA/IC/TELE CABLE TO ADMIN OFFICE MASTER EQUIPMENT FOR NEW DEVICES CONNECTION. SEE RISER DIAGRAMS.
4. PROVIDE #6 COPPER GROUNDING CONDUCTOR AND BOND TO EACH SECTION STRUCTURAL STEEL BEAM, FIELD VERIFY EXACT LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
5. NEW SECURITY ALARM PANEL AND SYSTEM, PROVIDE 110V POWER CONNECTION AND INTERCONNECTION TO (##) MASTER EQUIPMENT IN ADMIN OFFICE. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
6. NEW IDF AND CABINET SURFACE MOUNTED BELOW CEILING. PROVIDE 110V POWER CONNECTION, DATA SWITCH, FO CABLE AND DATA CABLE PATCH PANEL FOR NEW DATA OUTLET CONNECTION. PROVIDE FO CABLE TO (##) MDF IN ADMIN OFFICE FOR INTERCONNECTION. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
7. DATA AND POWER OUTLET AT CEILING FOR SMART BOARD. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
8. PROVIDE 50 PAIR PUNCH DOWN BLOCK AND SURFACE MOUNTED BELOW CEILING FOR INTERCOM / TELEPHONE WIRING TERMINATION.
9. INTERCEPT EXISTING U.G SIGNAL CONDUITS AND INSTALL CHRISTY N30 PULL BOX, REROUTE AND RECONNECT EXISTING U.G CONDUITS AND WIRING PER ORIGINAL. DO NOT SPLICE SIGNAL CONDUCTOR INSIDE PULL BOX. RE PULL NEW CONDUCTORS AS REQUIRED; FILED VERIFY EXACT LOCATION AND CONDITION PRIOR TO DEMOLITION.
10. APPROXIMATE LOCATION FOR 75KVA XFMR. PROVIDE SAFETY DISCONNECT SWITCH ON (E) XFMR PRIMARY SIDE. SEE SINGLE LINE DIAGRAM. FIELD VERIFY LOCATION.
11. APPROXIMATE LOCATION FOR EXISTING PANEL H, PROVIDE NEW CONDUITS AND FEEDERS FOR NEW PRE-WIRED PANEL POWER CONNECTION. SEE SINGLE LINE DIAGRAM.
12. SAW CUT AND PATCH EXISTING GROUND TO INSTALL NEW U.G POWER CONDUITS AND CONDUCTORS PER PLANS. SEE SINGLE LINE DIAGRAM.
13. NEW 24"x24"x6" NEMA3R SIGNAL TC SURFACE MOUNTED ON EXTERIOR WALL AT CEILING LEVEL. PROVIDE (2) 2"C STUB INTO BUILDING ATTIC CAVITY. SEE SIGNAL RISER DIAGRAM.
14. (E)##### U.G SIGNAL CONDUITS TO REMAIN AND REUSE PER PLANS. REROUTE AND REPULL NEW CONDUCTORS AS REQUIRED. SEE RISER DIAGRAMS.
15. INTERCEPT (E)##### AERIAL CABLE AND INSTALL 24"x24"x6" NEMA3R PULL CAN, EXTEND NEW CONDUIT AND CONDUCTORS TO NEW PRE-WIRED PANEL PER PLANS. SEE SINGLE LINE DIAGRAM. FIELD VERIFY LOCATION WITH OWNER AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.
16. SAW CUT AND PATCH EXISTING GROUND TO INSTALL NEW U.G SIGNAL CONDUITS AND CONDUCTORS, RE PULL NEW CONDUCTORS TO RECONNECT EXISTING SIGNAL CIRCUITS DUE TO RELOCATED BUILDING REMOVED. FIELD VERIFY EXISTING CONDITION PRIOR TO DEMOLITION.

SIGNAL AND COMM. LEGEND

SECURITY ALARM SYSTEM

- DSC — DIGITAL SECURITY ALARM CONTROL PANEL. MODEL SONITROL (642ONE). INTERFACE WITH EXISTING BUILDING MASTER SECURITY ALARM PANEL AS REQUIRED.
- (K) — LCD KEYPAD – MATCH EXISTING EQUIPMENT AS REQUIRED.
- (M) — DUAL TECHNOLOGY CEILING MOUNT DETECTOR. MATCH EXISTING EQUIPMENT AS REQUIRED.
- (B) — EXTERIOR BELL (SIREN) – DSC#SD15W WITH WEATHERPROOF BACKBOX AND TAMPER SWITCH.
- (W) — DOOR CONTACT SWITCH. RECESS ABOVE DOOR JAMB AT OPEN SIDE.
- —B— INDOOR SECURITY ALARM CABLE. WEST PENN #241
- —B1— OUTDOOR SECURITY ALARM CABLE. WEST PENN #AQC224

COMMUNICATION (TELEPHONE/INTERCOM) SYSTEM

- ▽ — HANDSET/IP PHONE – FIELD VERIFY MODEL NO. AND MATCH EXISTING MASTER EQUIPMENT AS REQUIRED.
- SP — CEILING SPEAKER – RAULAND #USO221 W/AOC1000 BAFFLE. PROVIDE BACKBOX AND CEILING SUPPORT AS REQUIRED
- SP WP — OUTDOOR SPEAKER – ATLAS #APF15 HORN W/XFMR AND LOWELL (#CB84 FOR SURFACE, #P875X FOR RECESS) BACK BOX W/SQLK GRILL
- —T— OUTDOOR TELE/IC CABLE. 22AWG SOILD COPPER 12 PAIR SHIELDED AND 12 PAIR UNSHIELDED CABLE.
- —T1— INDOOR TELEPHONE CABLE. CAT.3 22AWG SOILD COPPER 4UTP SHIELDED CABLE.
- —P1— OUTDOOR PA/IC CABLE – WEST PENN #AQC-369

DATA COMMUNICATION SYSTEM

- C 2 — DATA OUTLET – LEVITON CAT 5E (DUAL RECEPTACLE RED IN COLOR FOR ADMINISTRATIVE)
- C 2 — DATA OUTLET – LEVITON CAT 5E (DUAL RECEPTACLE BLUE IN COLOR FOR INSTRUCTIONAL)
- —FO— FIBER OPTIC CABLE VIA INNER DUCT WITH J-HOOK IN ATTIC AND 2"C FOR OUTDOOR. SEE RISER DIAGRAM FOR MODEL NO.
- —C1— (ONE) CAT 5E 22AWG 4UTP. SEE RISER DIAGRAM FOR MODEL NO.
- —C2— (TWO) CAT 5E 22AWG 4UTP. SEE RISER DIAGRAM FOR MODEL NO.

NOTES:
1. ALL SIGNAL CONDUCTORS CANNOT SPLICE INSIDE PULL BOX. CONDUCTOR MUST BE CONTINUE RUN BETWEEN SIGNAL DEVICES BACK BOX OR ABOVE GROUND TERMINAL CABINET.

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Sheet Title: POWER AND SIGNAL PLAN

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BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVE., BAKERSFIELD, CA

Issue Date:	Designer:	DR:	PC:
00/00/14	J CHONG	J CHONG	CJM
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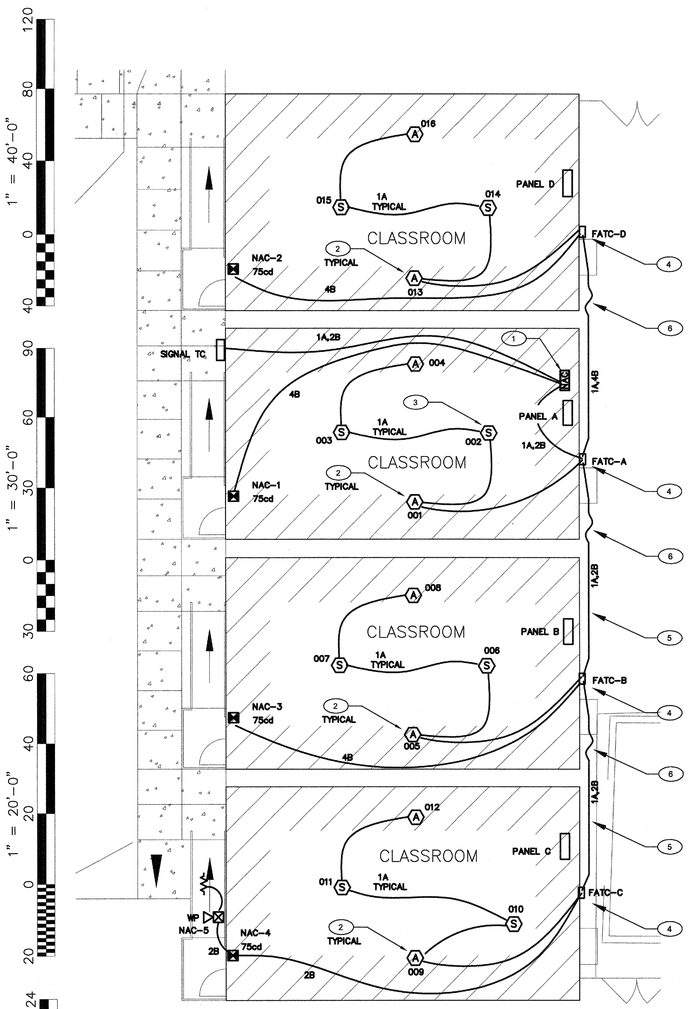


FIRE ALARM PLAN

SCALE : 1/8" = 1' – 0"

FIRE ALARM SYMBOLS AND SCHEDULE

ITEM	DESCRIPTION	MODEL NUMBER	CSFM NUMBER	MOUNT	BACK BOX
	~~EXISTING FACP (FOR REFERENCE ONLY)~~	HOCHIKI #FIRENET 4127	7165-0410:0159	+60"	EQUIPMENT CABINET
	VOICE EVACUATION PANEL	HOCHIKI ~~#AAPMP~~ #AMX-5D	6911-0410:0178	+60"	EQUIPMENT CABINET
	NAC SIGNAL & VOICE VAC BOOSTER PANEL, SIGNAL EXPENDER	WHEELOCK #SPB 80/4	6911-0785:0157	+60"	EQUIPMENT CABINET
	SPEAKER STROBE 15cd 30cd 75cd 110cd	HOCHIKI #HSSPKWLP	7320-0410:0195	+80"	4"SQ X 2 1/2"D
WP	OUTDOOR SPEAKER	NOTIFIER #SPRK	7320-1652:0201	+90"	4"SQ X 2 1/2"D
S	ADDRESSABLE CEILING SMOKE DETECTOR WITH BASE	HOCHIKI #ALK-V /YBN-NSA-4	7272-0410:0173	CEILING	4"SQ X 2 1/2"D
A	ATTIC HEAT DETECTOR 190°F TEMP WITH BASE AND MONITOR MODULE	HOCHIKI #DFE 190°/HSC-XXXL #FRCME-4	7270-0410:0119 7300-0410:0150	ATTIC	4"SQ X 2 1/2"D
	FIRE ALARM CABLE POWER LIMITED	WEST PENN AQ SERIES	7161-0859:0101		
	END OF LINE RESISTOR	N/A	N/A	LAST DEVICE	4"SQ X 2 1/2"D

FROM :John Chong Engineering FAX NO. :559 325 9988 Aug. 04 2016 01:29PM P2

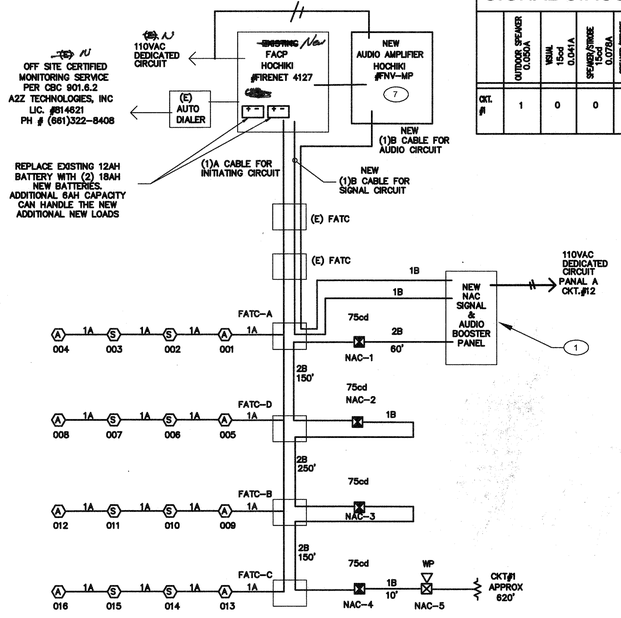
BATTERY POWER CALCULATIONS

NEW FIRE ALARM CONTROL PANEL (FACP)

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE STANDBY	CURRENT PER DEVICE ALARM	STANDBY CURRENT	ALARM CURRENT
NEW UNIT	1	0.125A	1.25A	0.125A	1.25A
EXISTING SIGNAL EXPANDER	3	0.012A	0.012A	0.036A	0.036A
EXISTING OUTDOOR HORN	20	0.0000A	0.055A	0.0000A	1.100A
EXISTING HEAT DETECTOR	170	0.0003A	0.0065A	0.051A	1.105A
EXISTING SMOKE DETECTOR	280	0.0003A	0.0065A	0.084A	1.820A
EXISTING MANUAL PULLS	4	0.00003A	0.0069A	0.00012A	0.0276A
EXISTING 75cd AUDIBLE/VISUALS	15	0.000A	0.157A	0.0000A	2.355A
EXISTING 15cd VISUALS	15	0.000A	0.041A	0.0000A	0.615A
EXISTING 30cd VISUALS	10	0.000A	0.065A	0.0000A	0.650A
NEW NAC/AMP SIGNAL EXPANDER	1	0.012A	0.012A	0.012A	0.012A
NEW SMOKE DETECTOR	8	0.0003A	0.0065A	0.0024A	0.052A
NEW HEAT DETECTOR	8	0.0003A	0.0065A	0.0024A	0.052A
	SUB-TOTAL			0.3129A	9.075A

24 HOUR STANDBY CURRENT 7.510AH
15 MINUTE LED CURRENT (0.25 HR) 2.269AH
SUBTOTAL ---------- 9.779AH
20% SAFETY FACTOR ---------- 1.956AH
TOTAL NEW ADDITIONAL AMPS-HRS REQUIRED 11.735AH

REPLACE EXISTING BATTERY WITH NEW (2)18AH BATTERY



NOTES:

1. RISER DIAGRAM IS DIAGRAMMATIC. SEE FIRE ALARM FLOOR PLAN AND FIELD VERIFY EXACT ROUTING AS REQUIRED.
2. ALL INTERIOR FIRE ALARM CONDUCTORS ARE INSTALLED IN EMT CONDUIT AND CONCEAL ABOVE CEILING OR INSIDE WALL WITH 3/4"C.
3. FIRE ALARM CONDUCTOR CANNOT SPLICE INSIDE PULL BOX. CONDUCTOR MUST BE CONTINUE RUN BETWEEN FIRE ALARM DEVICES BACK BOX OR TERMINAL CABINET.

1 FIRE ALARM RISER DIAGRAM

N.T.S

FIRE ALARM SEQUENCE OF OPERATIONS

	ACTIVATE ALARM FACP	ACTIVATE ALARM AT REMOTE ANNUNCIATOR	ACTIVATE TROUBLE SIGNAL AT FACP	ACTIVATE TROUBLE SIGNAL AT REMOTE ANNUNCIATOR	ACTIVATE SUPERVISORY SIGNAL AT FACP	ACTIVATE SUPERVISORY SIGNAL AT REMOTE ANNUNCIATOR	SEND ALARM OFF-SITE VIA COMMUNICATOR	SEND SUPERVISORY SIGNAL OFF-SITE VIA COMMUNICATOR	SEND SUPERVISORY/TROUBLE SIGNALS OFF-SITE VIA COMMUNICATOR	ACTIVATE WATER FLOW BELL	PRIMARY FLOOR RECALL	SECONDARY FLOOR RECALL	ELEVATOR SMART UNITS	SHUNT TRIP/MAINS POWER	SHUT FIRE/SMOKE DAMPERS	CLOSE FIRE DOORS	RESET 120VAC RETAINING DEVICES	ACTIVATE BATTERY BACK-UP	ACTIVATE VISIBLE SIGNALS	DEACTIVATE VISIBLE SIGNALS	RESET 24V 4-WIRE DEVICES	SYSTEM NORMAL
MANUAL PULL STATION	X	X					X		X							X					
SMOKE DETECTORS:																					
ALL (EXCEPT LISTED BELOW)	X	X					X		X							X					
PRIMARY FLOOR LOBBY	X	X					X		X		X					X					
ALL OTHER LOBBIES	X	X					X		X		X					X					
ELEVATOR MACHINE ROOM	X	X					X		X		X					X					
ELEVATOR SHAFT	X						X		X		X					X					
HEAT DETECTORS:																					
ALL (EXCEPT LISTED BELOW)	X	X					X		X							X					
ELEVATOR MACHINE ROOM	X	X					X		X				X			X					
ELEVATOR SHAFT	X	X					X		X				X			X					
DUCT DETECTOR			X	X			X							X	X						
FIRE SPRINKLER WATERFLOW SWITCH	X	X					X			X	X					X					
FIRE SPRINKLER TAMPER SWITCH			X	X			X														
POST INDICATOR VALVE			X	X			X														
WIRING CONDITIONS:																					
SIGNALING LINE CIRCUIT (SLC)--																					
WIRE-TO-WIRE SHORT			X	X			X														
SINGLE OPEN			X	X			X														
SINGLE GROUND			X	X			X														
INITIATING DEVICE CIRCUIT (IDC)--																					
WIRE-TO-WIRE SHORT	X	X					X		X							X					
SINGLE OPEN			X	X			X														
SINGLE GROUND			X	X			X														
NOTIFICATION APPLIANCE CIRCUIT (NAC)--																					
WIRE-TO-WIRE SHORT			X	X													X				
SINGLE OPEN			X	X														X	X		
SINGLE GROUND			X	X			X														
LOSS OF 120VAC POWER			X	X			X														
SIGNAL SILENCE																			X	X	
RESET FACP																	X		X	X	X

NOTE: SOME SEQUENCE OF OPERATIONS SHOWN MAY NOT APPLY

[redacted]

BATTERY POWER CALCULATIONS

NEW NAC SIGNAL BOOSTER PANEL

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE STANDBY	CURRENT PER DEVICE ALARM	STANDBY CURRENT	ALARM CURRENT
UNIT	1	0.075A	0.175A	0.075A	0.175A
OUTDOOR SPEAKER 1/2 WATT	1	---	0.050A	---	0.050A
INDOOR SPEAKER (SPEAKER STROBE)	4	---	0.050A	---	0.200A
SPEAKER STROBE 75cd	4	---	0.157A	---	0.628A
	SUB-TOTAL			0.075A	1.053A

24 HOUR STANDBY CURRENT 1.800AH
15 MINUTE ALARM CURRENT (0.25 HR) 0.263AH
SUBTOTAL ---------- 2.063AH
20% SAFETY FACTOR ---------- 0.413AH
TOTAL AMPS-HRS REQUIRED 2.476AH
PROVIDE BATTERY WITH NEW (2)12AH BATTERY

DURING THE FINAL TESTING, MEASURE EXACT STANDBY AND ALARM CURRENT. VOLTAGE DROP FOR EACH SIGNAL CIRCUITS. SEND OWNER AND ENGINEER ONE COPY RECORD FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE CABINET DOOR.

BATTERY POWER CALCULATIONS

NEW AUDIO AMPLIFIER IN ADMIN OFFICE

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE STANDBY	CURRENT PER DEVICE ALARM	STANDBY CURRENT	ALARM CURRENT
UNIT	1	0.130A	1.0A	0.130A	1.0A
	SUB-TOTAL			0.130A	1.0A

24 HOUR STANDBY CURRENT 3.120AH
15 MINUTE ALARM CURRENT (0.25 HR) 0.250AH
SUBTOTAL ---------- 3.370AH
20% SAFETY FACTOR ---------- 0.674AH
TOTAL NEW AMPS-HRS REQUIRED 4.044AH
PROVIDE BATTERY WITH (2)12AH BATTERIES

VOLTAGE DROP CALCULATION

WORST CASE VOLTAGE DROP AT THE LAST DEVICE

VD = VOLTAGE DROP
I = TOTAL LOAD
K = 21.6
L = DISTANCE TO THE LOAD
CM = CIRCULAR MILLS (CROSS SECTION OF 12 AWG = 6530)
V = VOLTAGE (24vdc)
VD = K * I * L / CM

SIGNAL CKT NO.	AMPERES	APPROX LENGTH	RESISTIVITY OHM	WIRE AWG	AREA CM	VOLTS DROPPED	% VOLTS DROP
CKT. 1	0.77A	620'	21.6	12	6530	1.579V	6.6%

SIGNAL CIRCUIT LOAD SUMMARY

	OUTDOOR SPEAKER 0.050A	VISUAL 15cd 0.041A	SPEAKER/STROBE 75cd 0.078A	SPEAKER/STROBE 30cd 0.065A	SPEAKER/STROBE 0.115A	SPEAKER/STROBE 110cd 0.225A	MINI HORN 0.060A	SYNC MODULE 0.05A	TOTAL
CKT. #	1	0	0	0	4	0	0	0	0.77A

FA CABLE SCHEDULE

TYPE	DESCRIPTION
A	INITIALING CIRCUIT CABLE 2#16 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE, FOR INDOOR VIA J-HOOK AND OUTDOOR VIA MIN. 3/4" CONDUIT INSTALLATION. WEST PENN #D990 OR EQUAL. CSFM# 7161-0859:0101
B	NAC SIGNAL CIRCUIT CABLE 2#12 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE, FOR INDOOR VIA J-HOOK AND OUTDOOR VIA MIN. 3/4" CONDUIT INSTALLATION. WEST PENN #AQ227 OR EQUAL. CSFM# 7161-0859:0101

F.A. MONITORING NOTES

1. THE AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND AMENDED EITHER UUFX OR UUJS BY UNDERWRITERS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BY ARRANGED BY OWNER.

COMPLETE AUTOMATIC FIRE ALARM PLAN SUBMITTAL

1. THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.
2. THE AUTOMATIC FIRE ALARM SYSTEM SHALL COVER ALL ROOMS AND AREAS AND UPON ACTIVATION OF AN INITIATING DEVICE ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION. (EXCEPTION: SMOKE DETECTORS ARE NOT REQUIRED IN NON-ACCESSIBLE AREAS AS DEFINED IN EMERGENCY EXPRESS TERMS OF PROPOSED S.F.M. AMENDMENTS TO 2013 C.F.C. SECTION 210 (C.F.C. SECTIONS 1006.2.4.2.2.1.1 AND 1006.2.4.2.2.1.5)

SHEET NOTES

1. PROVIDE NEW FIRE ALARM SIGNAL AND AUDIO BOOSTER PANEL AND CONNECT TO ~~EXISTING~~ FACP PER RISER DIAGRAM. PROVIDE 110V POWER CONNECTION AND DEDICATED CIRCUIT FROM PANEL A-24. PROVIDE FIRE ZONE MAP, MEASURE ACTUAL LOAD CURRENT AND VOLTAGE DROP FOR EACH NAC SIGNAL CIRCUITS, AND STANDBY CURRENT AND ALARM CURRENT. SEND THE REPORT TO OWNER AND ENGINEER FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE CABINET DOOR. SEE FA RISER DIAGRAM FOR DETAIL.
2. LOCATE HEAT DETECTOR IN ATTIC AND SURFACE MOUNT ON THE BOTTOM OF RAFTER. DETECTOR COVERAGE WILL BE DERATED 50% ACROSS THE RAFTER. FIELD VERIFY LOCATION WITH GENERAL CONTRACTOR AND PROVIDE ATTIC HEAT DETECTOR IN EACH BAY OF STRUCTURAL.
3. EXISTING CEILING SMOKE DETECTOR 5 FEET FROM EXISTING NAC SIGNAL EXPANDER PANEL. SEE DSA APP.#03-115801 FA DRAWINGS.
4. NEW 6"x6"x4" NEMA3R FATC ON BUILDING EXTERIOR WALL. EXTEND NEW FA CONDUIT AND WIRING TO NEW BUILDINGS PER PLANS. FIELD VERIFY LOCATION.
5. 3/4"C FA CONDUIT ON BUILDING EXTERIOR WALL. FIELD VERIFY LOCATION.
6. PROVIDED 3/4" WEATHERPROOF FLEX CONDUIT BETWEEN BUILDING.
7. PROVIDE NEW FIRE ALARM DIGITAL VOICE COMMAND CENTER AND INTER CONNECT TO EXISTING FIRE ALARM CONTROL PANEL AND SURFACE MOUNT NEXT TO ~~EXISTING~~ FACP. FILED VERIFY EXACT LOCATION.

F.A SYSTEM SCOPE OF WORK

1. PROVIDE AUTOMATIC FIRE ALARM SYSTEM WITH VOICE EVACUATION SPEAKERS FOR THE NEW CLASSROOM BUILDINGS PER PLANS.
2. ~~EXISTING~~ FACP IS 24VDC ADDRESSABLE, AND CLASS B WIRING SYSTEM. AND WITH OFF SITE MONITORING SERVICE VIA AUTO DUAL LINE DIALER AND TELEPHONE LINES.
3. DURING THE FINAL TESTING, MEASURE ALL FIRE ALARM CURRENTS, VOLTAGE DROP FOR EACH SIGNAL CIRCUITS. SEND OWNER AND ENGINEER ONE COPY RECORD FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
4. COMPLETE FIRE ALARM DRAWING SUBMITTAL IS PROVIDED.

FIRE ALARM NOTES

1) APPLICABLE STANDARD 2013 NFPA 72
2) INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATIONS, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
3) COMPLETION OF THE INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
4) A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
5) ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.
6) DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND /OR TESTING.
7) PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7, UL OR OTHER LAB TESTING CRITERIA. APPROVED TYPE OF MATERIALS SHALL BE IDENTIFIED WITHIN THE FIRE ALARM SECTION.
8) WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80" MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.
9) WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 120" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THEN 6" TO A HORIZONTAL STRUCTURE.
10) AUDIBLE DEVICES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 DECIBELS (Dbc) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 Dbc ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEASE 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIAVLE SPACE WITHIN THE BUILDING.
11) AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
12) THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
13) VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELLA. VISUAL DEVICES WITHIN 55' FROM EACH OTHER SHALL BE SYNCHRONIZED.
14) UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTINGS AND WIRE TO BE APPROVAL FOR WET LOCATIONS.
15) ALL FIRE ALARM WIRING SHALL BE FLP OR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THHN OR THWN.
16) PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. ALL BOXES TO BE SIZED PER CEC.
17) SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1' FROM FIRE SPRINKLERS OR 3' FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
18) ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANOR AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
19) FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
20) A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE 'ON' POSITION. THE CIRCUIT BREAKER SHALL BE LABELED 'FIRE ALARM CIRCUIT CONTROL'. CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.
21) THE INSTALLING CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION PER NFPA 72, FIGURE 10.18.2.1.1.
22) CONTROL PANELS, REMOTE ANNUNCIATORS SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48"
23) THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.
24) SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
25) OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.

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Revision:	Revision Description:	Rev. Date:

Sheet Title: FIRE ALARM PLAN

Project Name & Address:
MT. VERNON ELEMENTARY SCHOOL
4 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVE., BAKERSFIELD, CA

Issue Date:	Designer:	DR:	PC:
00/00/14	J CHONG	J CHONG	CJM
Date: 05/28/14			

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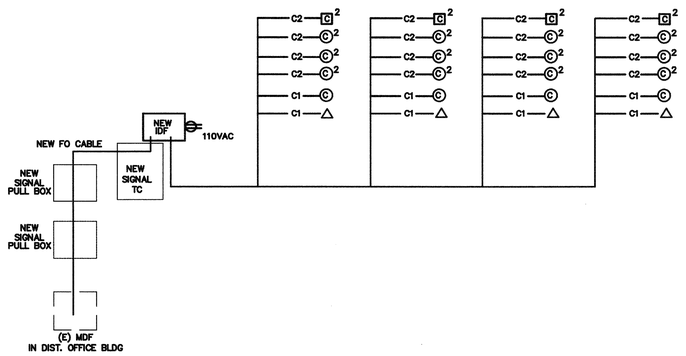
Job No.: 5125

Sheet No.: E-3

Release:



FIBER OPTIC CABLE
THREE MULTIMODE PAIRS (SIX STRANDS) AND THREE SINGLE-MODE PAIRS (SIX STRANDS)
OPTICAL CABLE COMPANY # DX 12/065D-6W3SB/1UC-6SYMC-YMD/900-OFNR OF EQUAL

CAT5E CABLE
5ENP4P24-BL-BER-PV OR EQUAL

CABLE TESTING
ALL FIBER OPTIC CABLE MUST BE TESTED TO SUPPORT 1000BASE-FX FULL DUPLEX STANDARDS.
ALL CAT 5E CABLE MUST BE TESTED TO SUPPORT 100BASE-TX.
TEST RESULTS ARE TO BE PROVIDED TO SCHOOL TECHNOLOGICAL SERVICES FOR REVIEW AND APPROVAL.

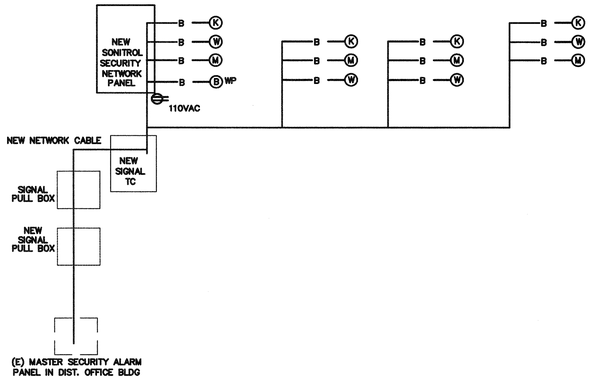
IDF SWITCH EQUIPMENT

F/O	CISCO WS-C2950G-24 W/ WS-C5484 GBIC
TP	CISCO WS-C2950-24
CABINETS	SOUTH WESTERN DATA PRODUCT SWE 4000-18UDBLK OR EQUAL
JACKS	ALLEN TEL AT55-16 OR EQUAL
FACEPLATE	ALLEN TEL AT30-2-09 OR EQUAL
PATCH PANEL	ALLEN TEL ATPNL-24 OR EQUAL

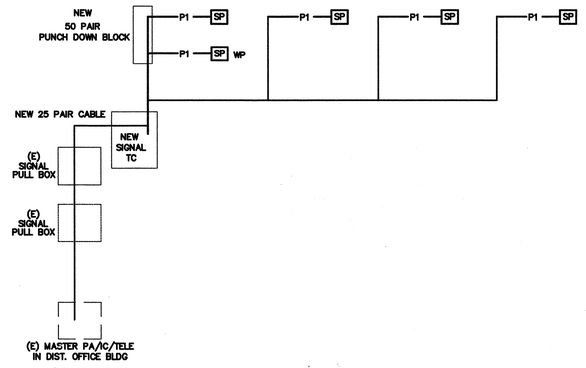
LABELING IDENTICATION
ALL INSTALLED EQUIPMENT, CABLES, TERMINATIONS, ETC. WILL BE PERMANENTLY AND UNIQUELY MARKED. CABLES WILL BE MARKED USING A CONVENTION THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION. LAN TERMINATIONS WILL SIMILARLY BE MARKED TO UNIQUELY IDENTIFY THEM WHILE PROVIDING THE SOURCE AND DESTINATION OF CABLE. IDENTIFICATIONS MUST BE SUCH THAT THEY WILL NOT RUB OFF, FALL OFF, OR EASILY BREAK AWAY.

DATA COMMUNICATION SYSTEM NOTES
1. CONTRACTOR TO PROVIDE ALL EQUIPMENT, PATCH CABLE AND ACCESSORY FOR A FULLY FUNCTIONAL SYSTEM.
2. NEW DATA JACK WIRING CONFIGURATION MUST BE MATCHED EXISTING SYSTEM. FIELD VERIFY PRIOR TO INSTALLATION.
3. ADMINISTRATIVE NODE TO BE RED IN COLOR WITH THE INSTRUCTIONAL NODE TO BE BLUE IN COLOR. NODE LOCATION MUST BE 12" WITHIN POWER RECEPTACLE AND FIELD VERIFY EXACT LOCATION WITH OWNER PROJECT COORDINATOR OR TECHNOLOGICAL SERVICES PERSONNEL PRIOR TO INSTALLATION.
4. ALL EQUIPMENT DOCUMENTATION AND WARRANTY INFORMATION WILL BE PROVIDED TO OWNER TECHNOLOGICAL SERVICES. WARRANTY CARDS WILL BE PROVIDED TO VUSD TECHNOLOGICAL SERVICES FOR FILING WITH MANUFACTURERS UPON COMPLETION OF INSTALLATION.

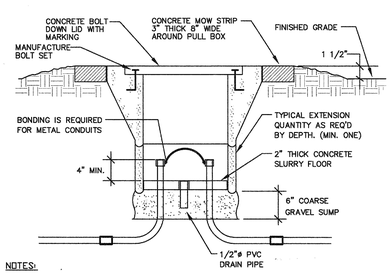
7 DATA COMMUNICATION SYSTEM RISER DIAGRAM
N.T.S



5 SECURITY ALARM SYSTEM RISER DIAGRAM
N.T.S

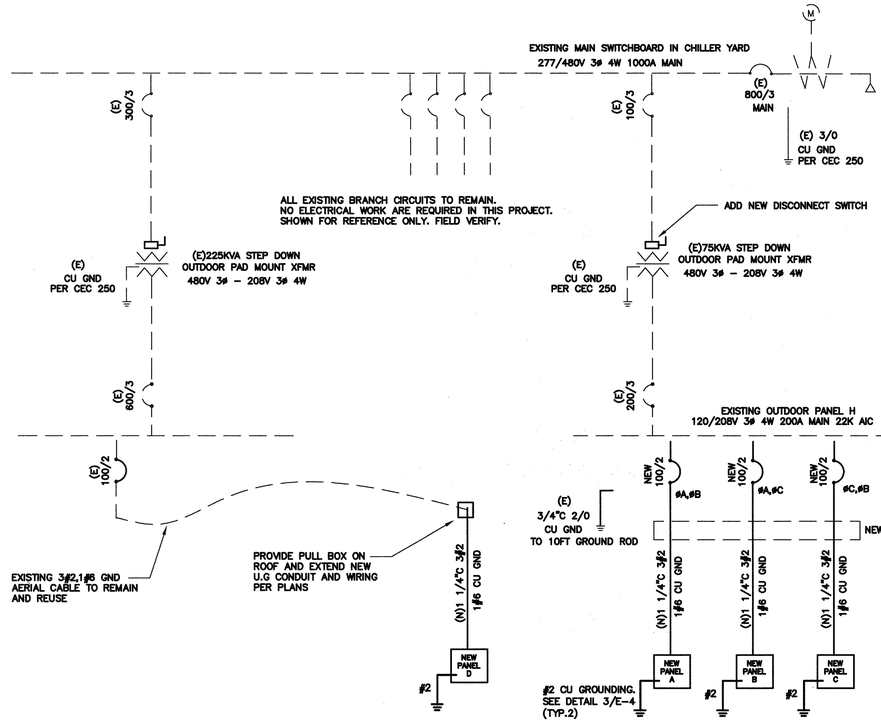


2 PA/IC/TELE SYSTEM RISER DIAGRAM
N.T.S



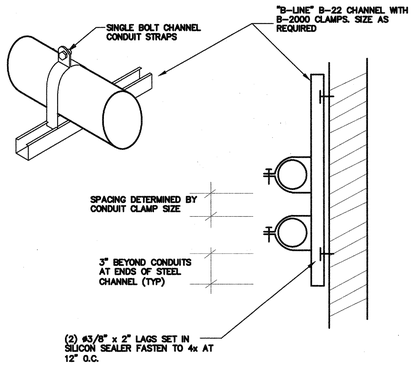
NOTES:
WHERE PULL BOX IS LOCATED WITH IN 30" OF A FOUNDATION OR SIDE WALK, PULL BOX SHALL BE SET FLUSH WITH THE ADJACENT SURFACE, MOW STRIP CONCRETE SHALL BE POURED FLUSH WITH FOUNDATION OR SIDE WALK.

4 PULL BOX AT OPEN YARD DETAIL
N.T.S

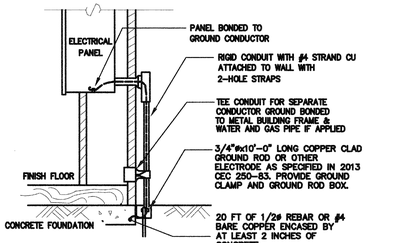


NOTES:
1. PROVIDE NEW MATCHING BREAKERS, FEEDERS AND PANELS PER PLANS.
2. ALL NEW CONDUCTOR SHALL BE 75°C THWN-2 COPPER IN CONDUIT. (AMPACITY FOR CONDUCTOR SELECTION MUST BE DETERMINED/DERATED BY THE ALLOWED TERMINATION RATINGS MARKED/APPROVED ON EACH DEVICES, MOTOR, APPLIANCE, XFMR O.C.P.C. PANEL, ETC. CONDUCTORS INSTALLED IN U.G OR WET LOCATIONS SHALL BE MARKER 'W'. PER 2013 CEC 110-14(C)(1).)
3. ALL WIRING OVER 100 VOLT SHALL BE INSTALLED IN RACEWAY CONDUIT, EMT ABOVE GRADE, PVC SCH. 40 BELOW GRAD AND STEEL CONDUIT ON EXPOSE SURFACE BELOW 8' AFF. FOR PHYSICAL PROTECTION.
4. STEEL BACK BOX SHALL BE PROVIDE FOR ALL NEW ELECTRICAL DEVICES SUCH AS SWITCH, OUTLET AND CONDUCTOR SPLICE.
5. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING SWITCHBOARD AND PANELS ARE INSTALL PER ONE LINE DIAGRAM PRIOR TO WORKING, AND REPORT TO ENGINEERS IF ANY DISCREPANCY ARE FOUND.

1 SINGLE LINE DIAGRAM
N.T.S



6 CONDUIT SUPPORT DETAIL
N.T.S



NOTES:
1. SIZE OF CONDUCTORS SHALL COMPLY WITH 2013 CEC TABLE 250-66.
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME PER 2013 CEC 250-50. IN ADDITION TO THE DETAIL SHOWN ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. IN SOIL IF AVAILABLE (CEC 250-50, 250-82).
3. ALL MADE OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER, BOND TO HAND RAIL AND WATER PIPE IF APPLIED. (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEED 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (2013 CEC 250-84).
5. FIELD INSPECTOR SHALL WITNESS GROUNDING TEST.

3 GROUNDING DETAIL
N.T.S

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Revision:	Revision Description:	Rev. Date:

Sheet Title: DETAILS AND SYSTEM DIAGRAMS

Project Name & Address: MT. VERNON ELEMENTARY SCHOOL 4 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
2161 POTOMAC AVE, BAKERSFIELD, CA

Issue Date:	Designed:	DR:	PC:
00/00/14	J CHONG	J CHONG	CJM
Date: 05/28/14			

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Release:

PC 275

RELOCATABLE BUILDING (S)

FOR

G E CAPITAL

STOCKPILE

(1065) **24' X 40' BUILDINGS**

JOB 2425: (15) BUILDINGS

SERIAL NOS: 22333 THRU 22352

JOB 2430: (450) BUILDINGS

SERIAL NOS: 22497 THRU 23066

JOB 2667: (600) BUILDINGS

SERIAL NOS: 29620 THRU 30619

SYMBOLS		
TYPE	SYMBOL	DESCRIPTION
DETAIL		DETAIL ON SAME SHEET AS SYMBOL
DETAIL		DETAIL NUMBER (1) ON SHEET NUMBER (3)
NOTE		NOTE NO 1. ON SAME SHEET AS SYMBOL
NOTE		NOTE NO. 4 ON SHEET NUMBER (9)
WALL PANEL		WALL PANEL TYPE "A" ON SHEET (1)
SECTION		SECTION "A" ON SHEET (2)
REV		REVISION CHANGE IN ZONE NO (1) FIRST REVISION
REV	CLOUD	HIGHLIGHTS CHANGED AREA
REFERENCE	1	DOOR REFERENCE
REFERENCE	A	WINDOW REFERENCE

SPECIFICATIONS SUBJECT TO CHANGE DUE TO PRODUCT IMPROVEMENT

APPLICABLE CODES - NEW CONSTRUCTION

1994 UBC AND 1995 CALIFORNIA AMENDMENTS (TO CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)
1993 NEC AND 1995 CALIFORNIA AMENDMENTS (TO CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR)
1994 UMC AND 1995 CALIFORNIA AMENDMENTS (TO CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)
1994 UPC AND 1995 CALIFORNIA AMENDMENTS (TO CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)
1994 UNIFORM FIRE CODE WITH STATE AMENDMENTS (CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)
1994 BUILDING STANDARDS CODE (TO STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, CCR)
TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

BUILDING DATA	
24'X40' BUILDING	
OCCUPANCY	E-2
TYPE OF CONSTRUCTION	V-N
WIND LOAD	70 M.P.H. EXP. C
FLOOR LIVE LOAD	50 PSF.
ROOF LIVE LOAD	20 PSF. - REDUCIBLE PER AREA
BUILDING AREA	960 PSF
STRUCTURAL SYSTEM	RIGID FRAME

"NO ALTERATIONS FOR ALL SHOT FOR ATTACHED TO USE NO STAMP AT THE SAME SPACES."

SHEET INDEX

ARCHITECTURAL

STRUCTURAL

MECHANICAL

ELECTRICAL

RAMP

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SS: G. HANS

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FLS SS CM/FA
APP. NO. 6434 DATE 12/30/97
ACS: D. FERGUSON
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ARCHITECT

STRUCTURAL

FOR PC PLAN
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⚠ REVISE QTY OF BLDGS 12/30/97

TITLE SHEET A0

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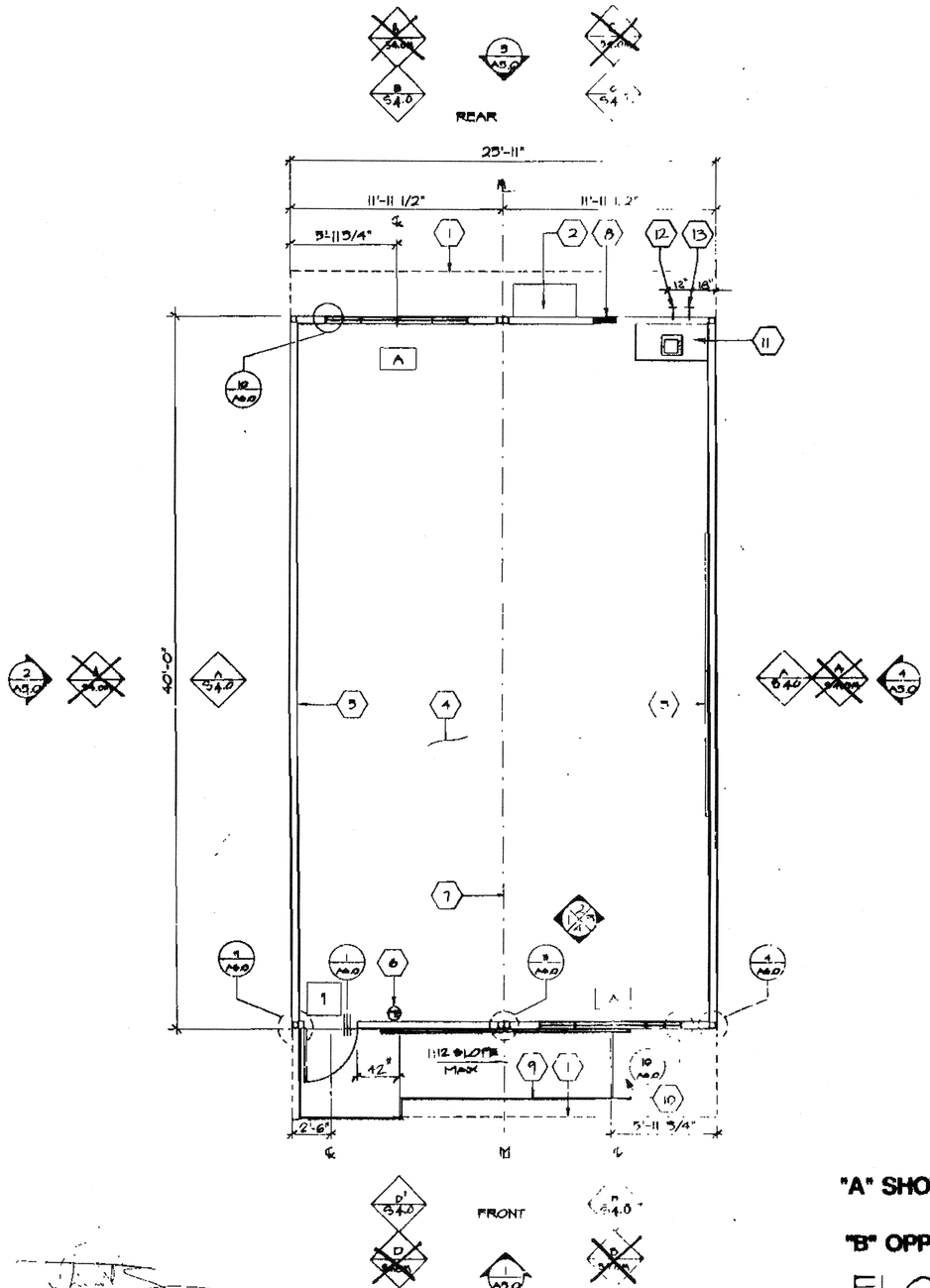
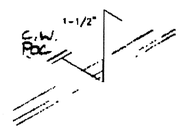
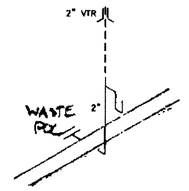
DATE





TYPE 'L' COPPER

COLD WATER SUPPLY | 1



ABS

WASTE, DRAIN AND VENT | 2

NOTE:
SINK CABINET OPTIONAL

"A" SHOWN

"B" OPPOSITE

INTERIOR REFERENCE SHEET A4.0

FLOOR PLAN

SCALE 1/4"=1'-0"

LEGEND

1 EXTERIOR DOOR SEE DOOR SCHEDULE

A WINDOW (SEE SCHED. A5.0)

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT - SEE M-1.0
3. 2- 8'X4' MARKER BOARDS (SEE SPEC'S FOR TYPE)
4. FINISH FLOORING (SEE FINISH SCHED.)
5. TYPICAL INTERIOR FINISH (SEE FINISH SCHED)
6. FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. RE. HANDLE AT 48".
7. MODLINE (TYP. TYPICAL)
8. ELECTRICAL PANEL (SEE E1.0)
9. RAMP (SEE R1.0 & R2.0)
10. RAMP LANDING (SEE DET. 11 on SHT. R2.0
11. ACCESSIBLE SINK CABINET. SEE A4.0 SINK: CRA-1725-A-6R 5" DEEP FAUCET: CHICAGO 350. BUBBLER. USB 10
12. COLD WATER POC.
13. WASTE POC.

A. METAL TAG ON ALL MODULES, MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOWING D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER AND ROOF & FLOOR DESIGN LIVE LOAD.

REVISED

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APP# 3 117168
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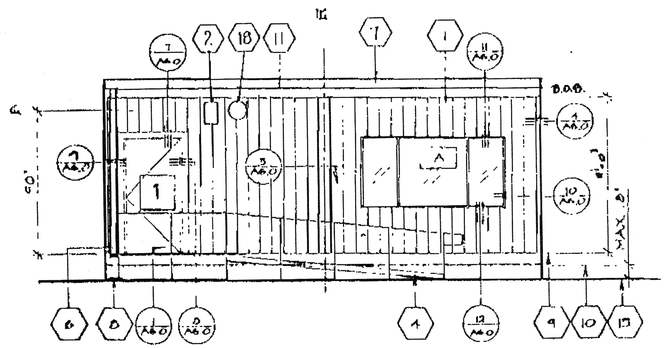
⚠ 1/30/15 DSA HANDICAP REVISIONS

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

INC,

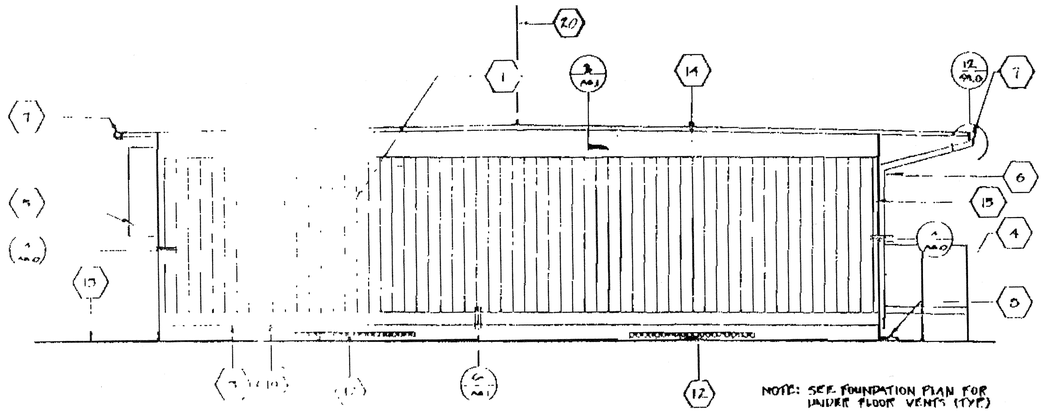
FLOOR PLAN

A1.0A



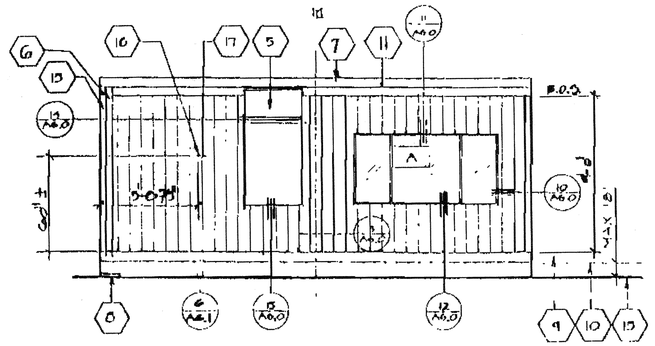
(1) FRONT ELEVATION

SCALE 1/4"=1'-0"



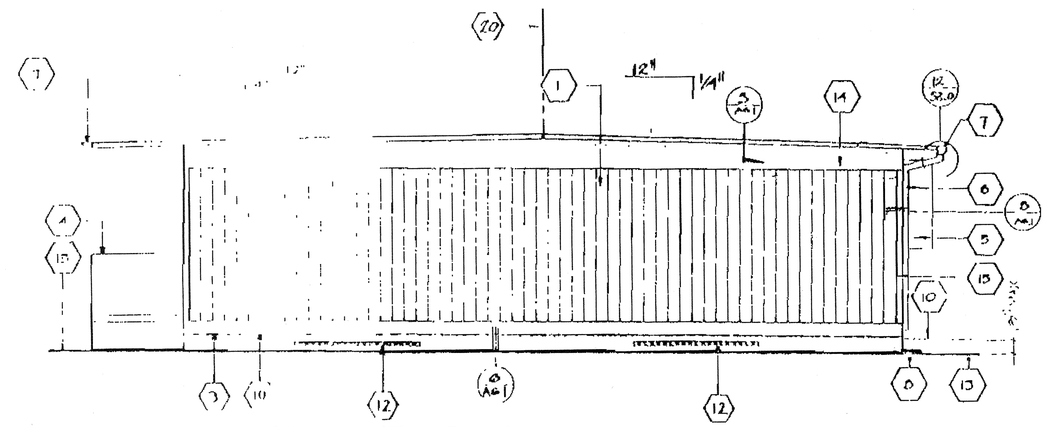
(2) SIDE ELEVATION

SCALE 1/4"=1'-0"



(3) REAR ELEVATION

SCALE 1/4"=1'-0"



(4) SIDE ELEVATION

SCALE 1/4"=1'-0"

NOTES:
SEE FOUNDATION PLAN FOR SIZE & LOCATION OF VENTS.

"A" SHOWN

"B" OPPOSITE

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LEGEND

1 EXTERIOR DOOR (SEE DOOR SCHED.)

A EXTERIOR WINDOW (SEE FINISH SCHED.)

KEY NOTES

1. TYPICAL EXTERIOR SIDING (SEE FINISH SCHED.)
2. EXTERIOR LIGHT FIXTURE (SEE SPECIFICATIONS)
3. TOP OF SKIRTING
4. RAMP AND LANDING SEE SHT. R-1.0
5. HVAC UNIT SEE SHT. M-1
6. DOWNSPOUT (TYP.); FASTEN TO BLDG TYP. 2 PLACES (SEE 7/A6.1)
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN A2.0)
8. SPLASH BLOCK (BY OTHERS)
9. FINISH FLOOR LINE
10. BOTTOM FLANGE OF FLOOR BEAM
11. ROOF HEADER
12. VENT SEE FOUNDATION PLAN
13. FINISH GRADE
14. ROOF BEAM (SEE STRUCTURAL)
15. COLUMN (SEE STRUCTURAL)
16. ELECTRICAL STUD-OUT 1 1/4"Ø (TYPICAL)
17. GROUND STUD-OUT 1/2"Ø (TYPICAL)
18. FIRE ALARM HORN N.I.C.
19. NEMA 6"X6" GUTTER BOX
20. RIDGE

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

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

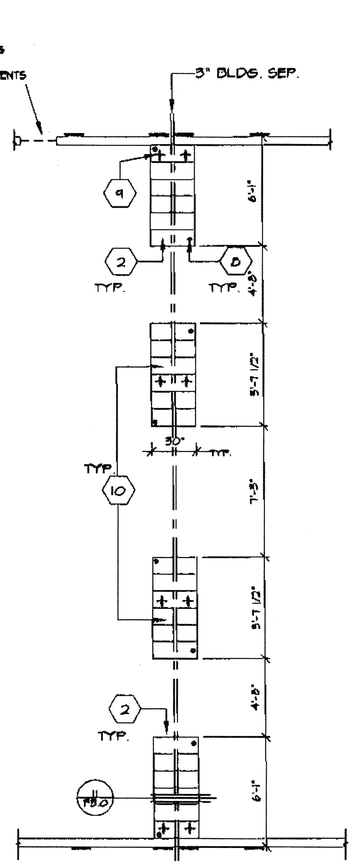
MODIFIED

DRAWN BY
DATE
CHECKED BY
DATE

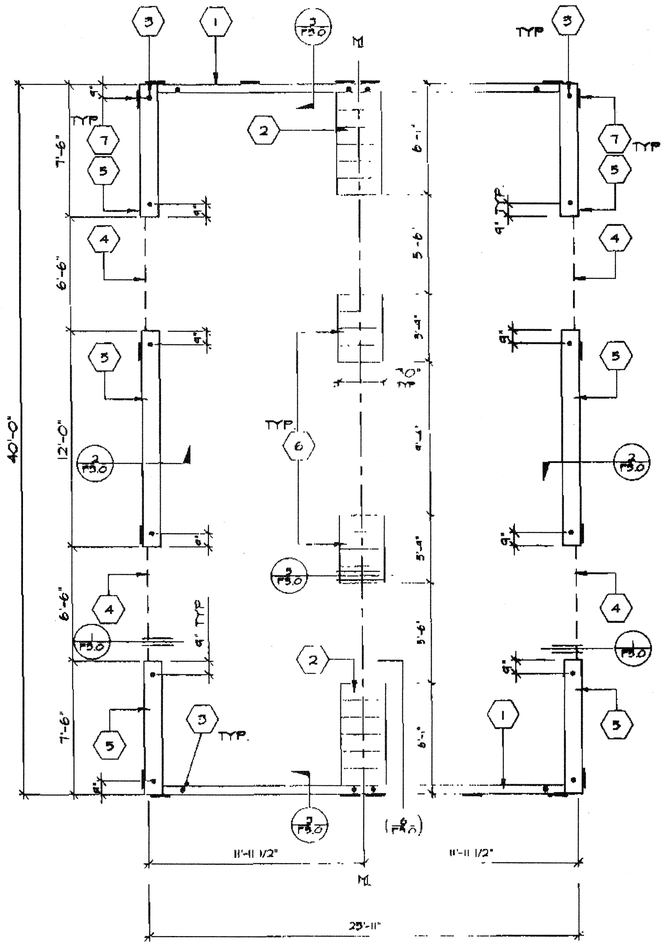
24'X10' DUAL PITCH A3-04

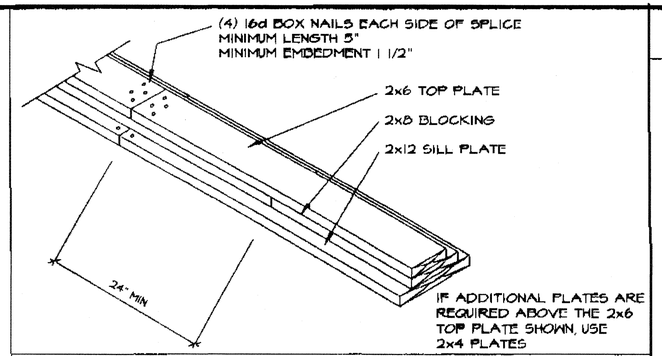
"MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3" IN OVERALL LENGTH"

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



PAD FTG'S AT ADJ. BLDG.





FOUNDATION SPLICE DETAIL

KEY NOTES

1. 2"X6" SILL PLATE (END WALL)
2. 6- 2X12X30" LONG SILL PADS
3. PIPE TO GRADE (TYP.)
4. 3" HIGH BY 6'-6" LONG VENT
5. 2X12 SILL PLATE (SIDE WALL)
6. 4-2X12X30" LONG SILL PADS
7. 6"X12"X10 GA. PLATES
8. 1" ø PIPE EA. END EA. PAD AT ADJ. BLDG. LINE
9. 5/8" ø X4" LAG (4-PER BLDG. MIN.)
10. 6- 2X12X30" LONG SILL PADS

VENT CALCS.

BLD'G SIZE 24' X 40'= 960 ☐
VENTILATION REQ'D 960÷150= 6.4 ☐
3" X 6'-6" VENT×1.625☐
4 VENTS X 1.625☐ = 6.5☐
6.5 ☐ > 6.4 ☐

GENERAL NOTES:

A. SOIL RESTRAINT: ON A.C. PAVING AND ON SOIL 1" O.D. GALVANIZED PIPE AT 10'-0" 12" PENETRATION BELOW SURFACE VERTICALLY. DRILL SILL 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)

B. ON CONCRETE PAVING HILTI DS 82-P10 THRU SILL PLATE:
END WALLS: 8" O.C.
SIDE WALLS: 22 "O.C.

C. WHERE SHIM STOCK IS REQUIRED FOR LEVELING USE 1/4", 1/2", OR 5/4" THICK PLYWOOD SAME WIDTH AS BLOCK. P.T.

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

E. ALL FOUNDATION MATERIAL SHALL BE HEM FIR
GROUND CONTACT: LP-22 (CCA .40)
ABOVE GROUND: LP-2 (CCA .25)

F. FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23-6.
ABOVE GROUND: LP-2

FOUNDATION (WOOD SILL)

24 x 40 - 50 PSF LL

SCALE 1/4"=1'-0"

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT
△					REVISED AUG 27 1996

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 275 AC FLS SS DATE 7-19-96

MODTECH INC.

MODTECH INC,
2830 BARRETT AVE.
PERRIS, CA. 92572
PH. (909) 943-4014
FX. (909) 940-0427

JOB NO.

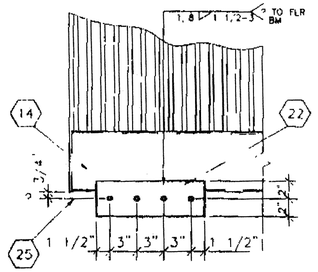
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP#3 117168
AC FLS 1 SS TN
Date AUG 04 2016

DIV. OF THE STATE ARCHITECT OFFICIAL FILE COPY AC DATE DEC 11 1996

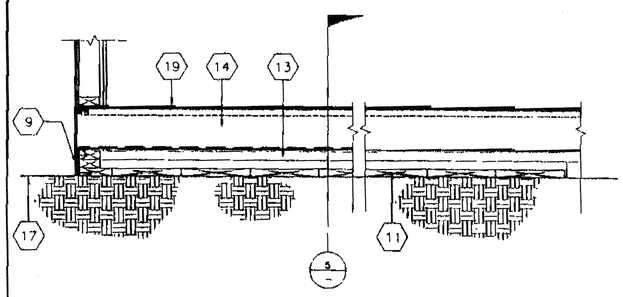
DRAWN BY
DATE
CHECKED BY
DATE

FOUNDATION PLAN

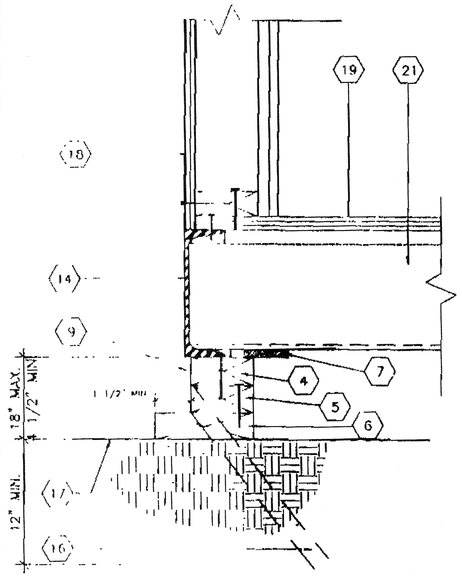
FO.1



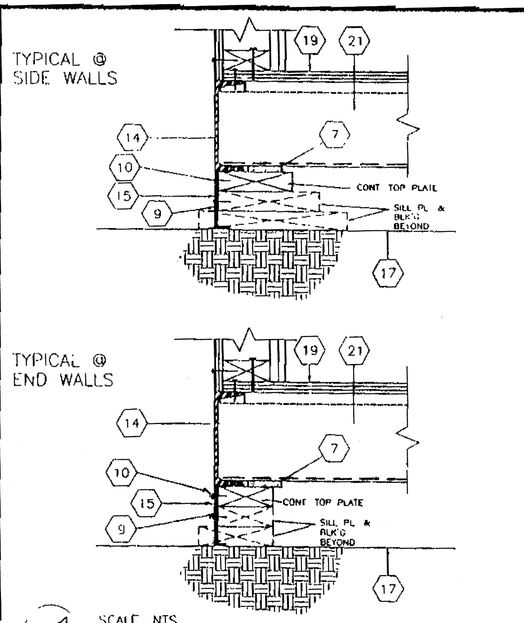
9 SCALE: 1 1/2"=1'-0"
ALTERNATE HOLD DOWN



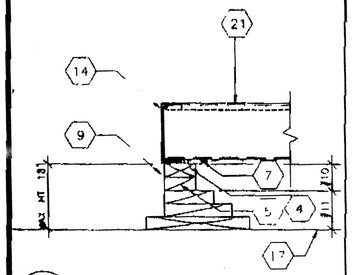
6 SCALE: 1 1/2"=1'-0"
MODLINE PAD @ END WALL



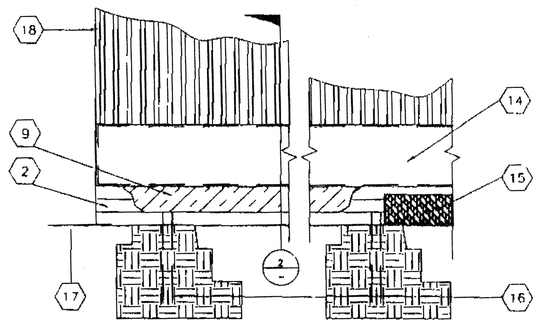
3 SCALE: 1 1/2"=1'-0"
FOUNDATION @ END WALL



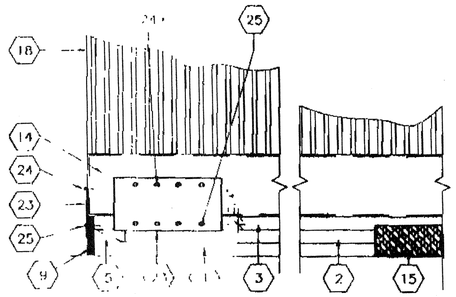
1 SCALE: NTS
FOUNDATION VENT



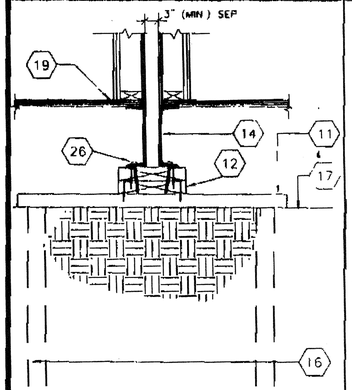
10 SCALE: 1 1/2"=1'-0"
ADD BLK'S/SHIMS TO LEVEL FOUND.



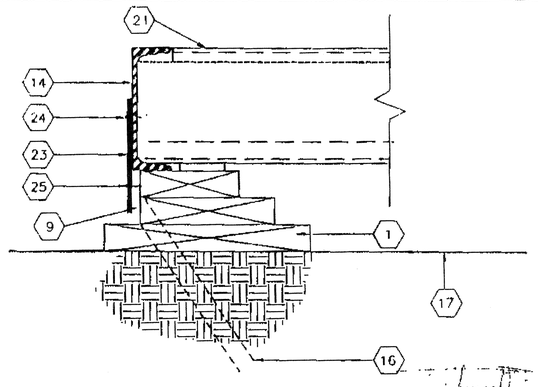
7 SCALE: 1 1/2"=1'-0"
FOUNDATION ELEVATION @ SIDE WALL



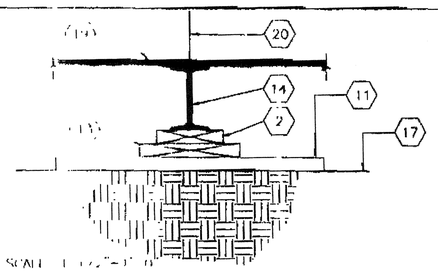
4 SCALE: 1 1/2"=1'-0"
DETAIL @ FOUNDATION CORNER



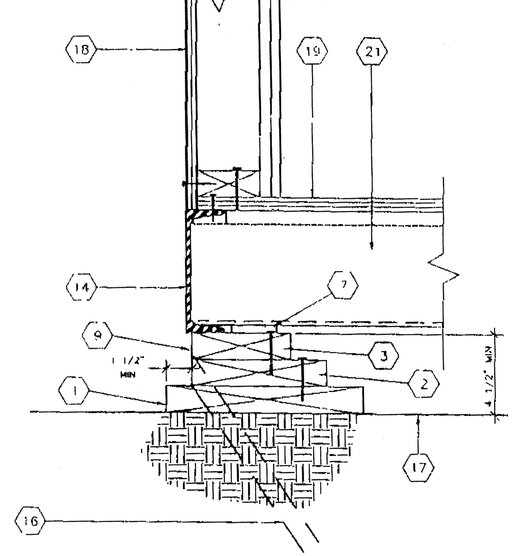
11 SCALE: 1 1/2"=1'-0"
FOUND. AT ADJ. BLDG



8 SCALE: 3"=1'-0"
TYPICAL TIE PLATE



5 SCALE: 1 1/2"=1'-0"
FOUNDATION PAD @ MODLINE



2 SCALE: 3"=1'-0"
FOUNDATION @ SIDE WALL

KEY NOTES

1. 2X12 SILL PLATE SEE FOUND. PLAN FOR LENGTH
2. 2X8 BLOCKING W/16d @MAX 5"O.C TO SILL PLATE
3. 2X6 TOP PLATE W/16d @MAX 5" O.C. TO BLOCKING
4. 2X4 TOP PLATE W/16d @ MAX 5" O.C. TO BLOCKING
5. 2X4 BLOCKING W/16d MAX 5" O.C TO SILL PLATE
6. 2X6 SILL PLATE SEE FOUND PLAN FOR LENGTH
7. 5/8"X2 1/2" SHIM (WHEN REQ.)
8. INSERT REQ'D 2X4 BLK'NG OR PLYWD. SHIM W/16d @ 12" O.C. FACE NAIL
9. OPTIONAL – MIN. 3/8" PLYWOOD SHIRTING W/ 10d @ MIN. 4" O.C. @ ENDWALLS & 6" O.C. @ SIDEWALLS E.N. & TYP. 12" O.C. FN. PLATE TO PLATE NAILING FOR THE FOUNDATION MEMBERS CAN BE DECREASED TO 12" O.C. AND FOUNDATION BLOCKING SHALL BE RECESSED SUCH THAT THE SKIRTING SHALL BE INSTALLED FLUSH WITH THE PERIMETER FLOOR CHANNEL.
10. 10d GALV NAIL @ MAX. 4" O.C
11. 2X12X2'-6" SILL PLATE SEE FOUND. PLAN FOR QUANITY REQ'D
12. 2 X 10 PLATES W/ 2-16D BOX @ 6" O.C.
13. 2X10 BLK'NG FACE OR TOE NAIL 16d @ MAX 12" O.C. ADD BLKS. OR SHIMS AS REQ'D
14. FLOOR FRAME BEAM SEE STRUCTURAL
15. TYPICAL FOUNDATION VENT (SEE FOUNDATION PLAN FOR SIZES AND LOCATIONS).
16. SILL RESTRAINT 1" ø PIPE SEE FOUND FOR LOCATION
17. FINISH GRADE
18. EXTERIOR FINISH
19. PLYWOOD SUBFLOOR
20. MOD–LINE
21. FLOOR–JOIST
22. 4"X12"X10 GA. PLATE
23. 6"X12"X10 GA. PLATE
24. 1/4" ø S.T.S. TYP. 4–PLACES
25. 1/4" ø X3" LG. LAG SCREW TYP. 4–PLACES
26. 5/8" ØX4" LAGS (FOR LOCATION SEE PLAN)

FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER GRADES & PRESSURE TREATING TO BE VERIFIED BY INPLANT INSPECTOR

DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
DEC 1 1996

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT
△			JAMES T. STACK PROFESSIONAL ENGINEER STATE OF CALIFORNIA LICENSE EXPIRES 6-30-1998		REVISED IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES AUG 2-7 1996 APP# 775 AC FLS SS Date

MODTECH INC.

MODTECH INC.
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APP#3 117168
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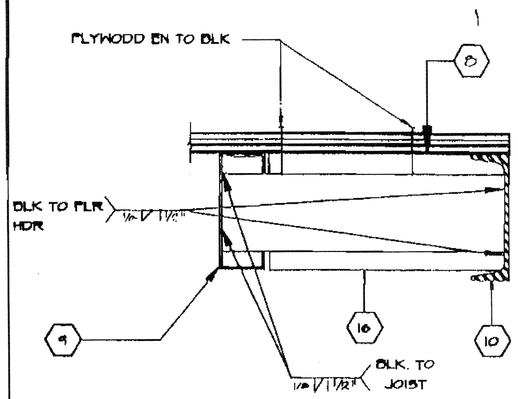
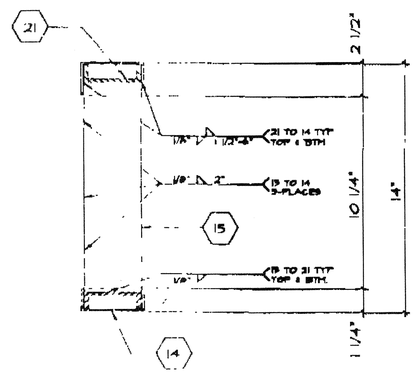
FOUNDATION DETAILS

F3.0



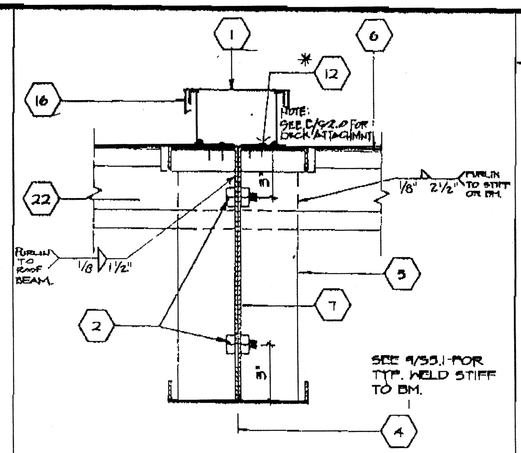
SCALE: 3"=1'

BLOCK @ MIDSPAN (7)



SCALE: 3"=1'

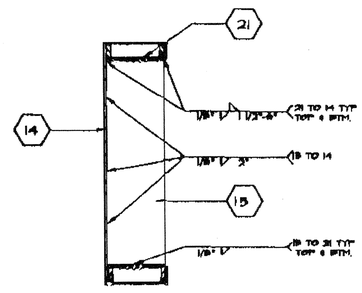
MECH. DUCT OPENING IN HEADER (4)



* DO NOT PENETRATE MT'L RF. DECK

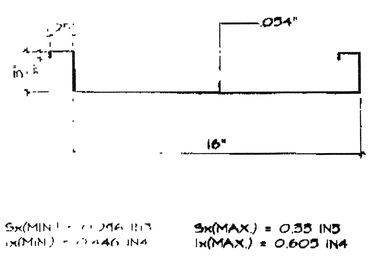
SCALE: 3"=1'

ROOFING @ MODLINE (1)



SCALE: 3"=1'

HEADER REINF. @ A.C. OPENING (8)

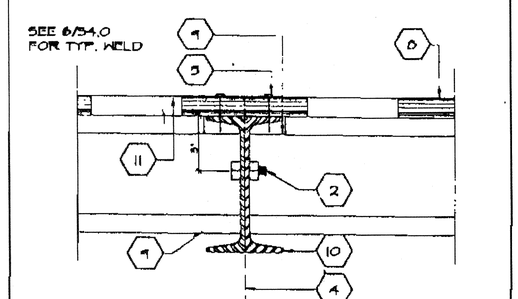


Sx(MIN.) = 0.016 IN3 Ix(MIN.) = 0.040 IN4

Sx(MAX.) = 0.35 IN3 Ix(MAX.) = 0.605 IN4

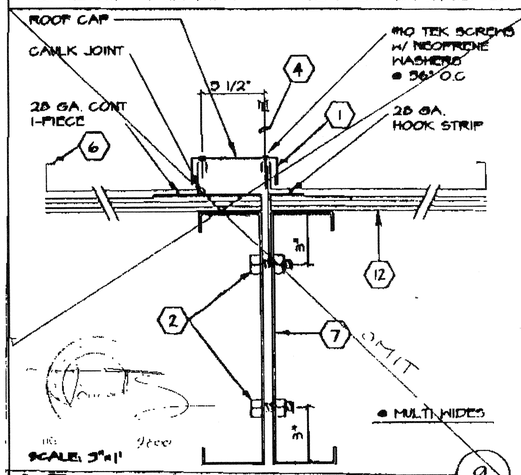
SCALE: 3"=1'-0"

ROOF PAN (22GA.) (5)



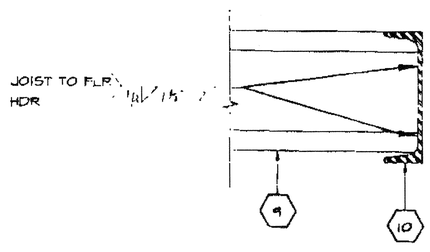
SCALE: 3"=1'

MODULE JOINT @ FLR. 12'-0" (2)



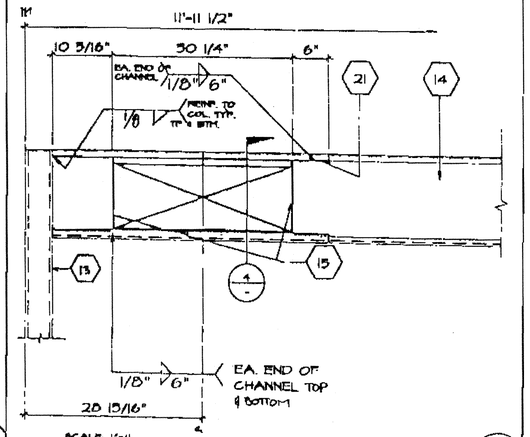
SCALE: 3"=1'

ALT. ROOFING @ MODLINE (9)



SCALE: 3"=1'

FLOOR JOIST/JOIST TO BEAM (6)



SCALE: 1"=1'

ELEVATION-OPENING (3)

KEY NOTES

1. CAP CLOSURE @ MODLINE, 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE SET CAP IN SEALANT
2. 5/8" M.B. ABOT MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) @ 8' O.C.
3. EN
4. MODULE JOINT
5. 1/4" @ 8' O.C. FULL DEPTH STIFFENER PLATE (SEE 9/S2.1)
6. STANDING SEAM ROOF (SEE A2.0)
7. ROOF BEAM (SEE STRUCTURAL) SEE 3/S2.1 & 12/S2.1
8. PLYWOOD FLOOR SHEATHING
9. FLOOR JOIST 6/S2.1
10. FLOOR BEAM (SEE STRUCTURAL 5/S2.1)
11. HAND-HOLE @ BOLT LOCATION
12. #14 STSMS
13. 3 1/2"X3 1/2"X1/4" STEEL TUBE COLUMN
14. ROOF HEADER (SEE STRUCTURAL 1/S2.1)
15. 1/4" STIFFENER PLANE SEE 9/S2.1 FOR TYP. INFO.
16. CAP CLOSURE AT RIDGE 26GA GALV W/#10 STSMS AT 48" O.C. W/NEOPRENE WASHER TO RIB SET BOTH SIDES OF CAP IN SEALANT
17. NOT USED
18. NOT USED
19. NOT USED
20. 2"X2"X3/16" ∠
21. 3 1/4"X1"X45 1/16" LX10GA CHANNEL TOP & BOTTOM CENTER OF OPENING
22. ROOF PURLIN SEE 2/S2.1
23. TUBE STEEL (SEE NOTE #13)

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AC FLS SS TH
Date AUG 04 2016

DIV. OF THE STATE ARCHITECT OFFICE OF
AC
DATE DEC 17 1996

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

DRAWN BY
DATE
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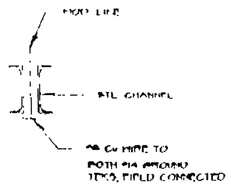
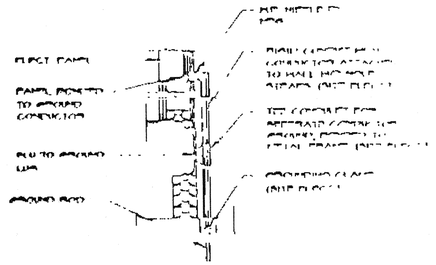
DATE

S1.0



JUMPER @ MOD. LINE



TYPICAL GROUNDING D[illegible]

	DESCRIPTION	QTY
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	

NOTES

(1) MOUNT WEATHER PROOF OUTLET BOX 4D (6x6x4)

(2) HVAC UNIT SEE SHT. M-10

(3) ELECTRICAL PANEL "A"

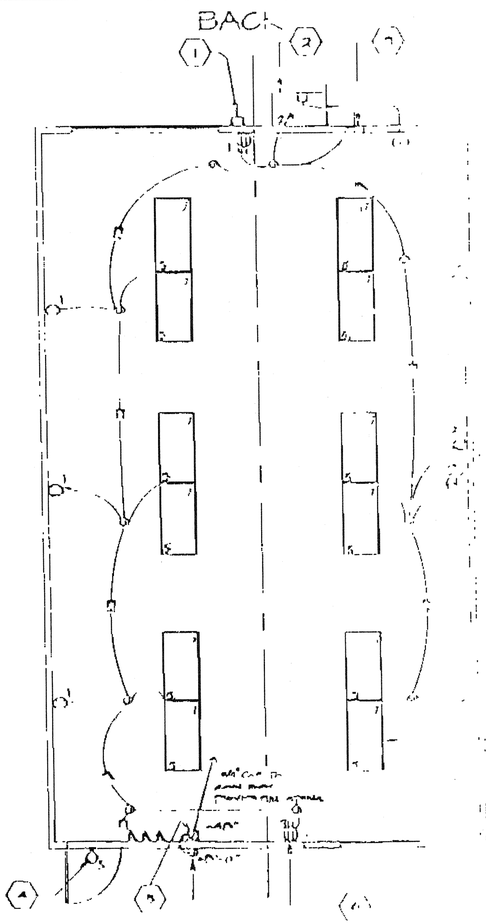
(4) EXTERIOR LIGHT FIXTURE

(5) 4" JUNCTION BOX FOR FIRE ALARM OR BELL

(6) DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE

(7) CLOCK OUTLET (SEE SPEC 3)

(8) 2X4 FLUORESCENT LIGHT AND FIXTURE 4-REW (SEE SPEC 3)



SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS NOT THE ELECTRICAL ENGINEER'S INFORMATION ONLY

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 2312 (g) AND TABLE 23-F. ANCHORAGE DETAILS FOR FLOOR/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HAVING CENTER OF GRAVITY LESS THAN 30 LBS. MAY BE OMITTED FROM THE PLANS.

FOR ELECTRICAL DRAWINGS,

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	80% OF OPERATING WEIGHT

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

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR I = 1.0 AND SEISMIC ZONE, Z = 0.4

[illegible] ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGR. AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT

VOLTS 120/240 1 PH 3 W — PANEL: [illegible] — FEED: [illegible]
MAIN 100 A — LOCATION: [illegible] — MAINS: [illegible]

LOAD	WATTS A	WATTS B	C	P	CKT	P	WATTS A	WATTS B	LOAD
RECEPTACLES	720		1	1	1	1	1000		HVAC-SYSTEM
RECEPT. ID/CLOCK		1000	1	1	2	1		1000	HVAC-SYSTEM
INT./EXT. LIGHTS	1060		1	1	3	1	3120		HEAT STRIP
INT. LIGHTS		960	1	1	4	1		2120	HEAT STRIP
FIRE ALARM	120		1	1	5	1			
					6				
					7				
					8				
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					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				
WATTS/PHASE A=3920							1720	1720	10-#10 WATTS/PHASE
TOTAL 10,680 WATTS (72.9)									

NCL = 11,010

"A" SHOWN

"B" OPPOSITE

ELECTRICAL PLAN

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

MOUNTING HEIGHTS

RECEPT.	18" MIN.
PROJ. LITES	8'-0"
F/A BELL-EXTERIOR	8'-6"
F/A BELL-INTERIOR	4'-6" MAX
CLOCK OUTLET	8'-0"
MAIN TEL BKT. J BOX	18" (ABOVE FIN. G.)
THERMOSTAT	4'-6" MAX
MAIN PANEL BOX	6'-0"
SWITCHES	4'-0" MAX

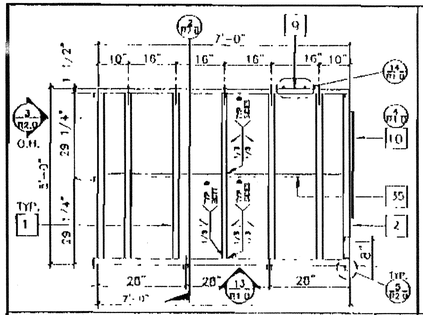
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	[illegible] COMPLIANCE	STRUCTURAL SAFETY

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP#3 117168
AC FLS SS TN
Date DEC 04 2018

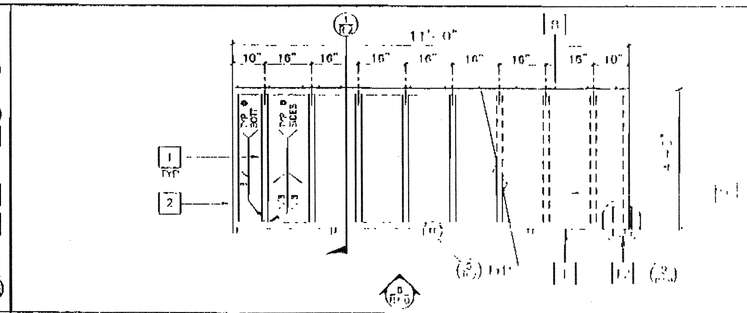
McDERMOTT INC.

ELECTRICAL PLAN

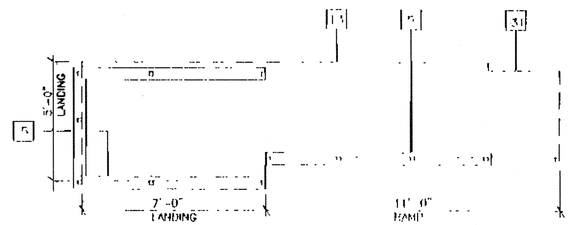
E1.04



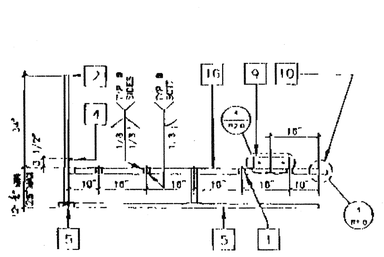
LANDING FRAME | 12



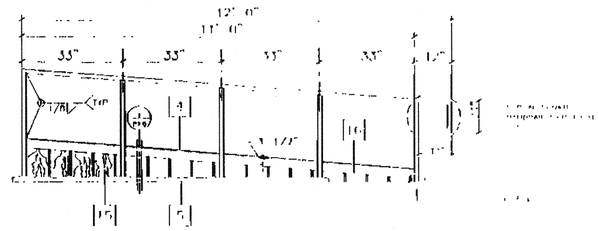
RAMP FRAME | 7



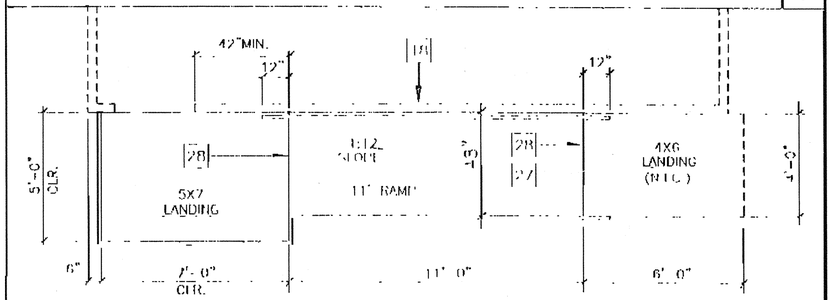
SILL PLAN FOR RAMP AND LANDING | 1/8" | 1



LANDING ELEVATION | 13

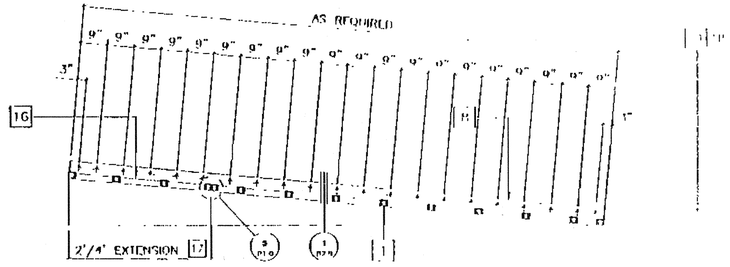


RAMP ELEVATION | 8

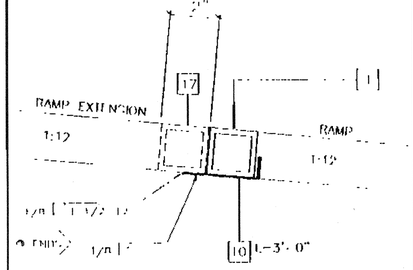


RAMP AND LANDING AT BUILDING | 3/8" | 2

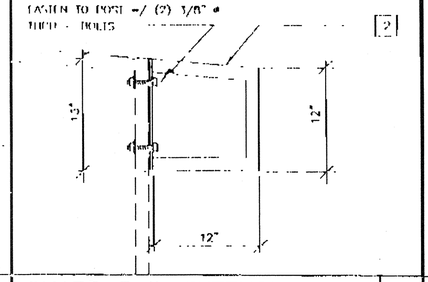
LONG. SECTION @ LANDING | 14



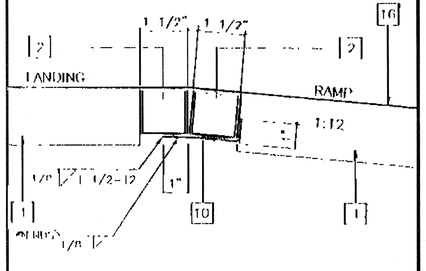
LONGITUDINAL SECTION @ RAMP | 9



RAMP EXTENSION TO RAMP | 5



GUARD RAIL EXTENSION | 3



LANDING TO RAMP | 4

KEY NOTES

1	TS 2" x 2" x 14ga
2	TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
4	TS 1" x 1" x 16ga WHEELCHAIR GUIDE
5	2 x 6 PT SILL PLATE
6	6" x 10ga CONT. PLATE W/ 1/4" X 2" TEK SCREWS @8"OC INTO WOOD OR FOUND. BLOCKS OR #14 x 2" TEK SCREWS INTO STEEL @ 9" OC
9	6" x 12" x 10ga PLATE W/2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
10	3" x 1" x 3'-0" x 10ga BENT PLATE
11	2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
12	6" x 10" x 12ga BASE PLATE @ RAMP TOE
13	LINE OF RAMP/LANDING ABOVE
14	LOWER LANDING BY DISTRICT
15	SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/ nd @ 6" OC EDGES AND 12"OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6 OC
16	12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6X. MAINTAINABLE FOR 1 YR.
17	RAMP EXTENSION FRAME.
18	EXISTING BUILDING.
27	RAMP BY MODTECH
28	FLUSH TRANSITION
31	NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2" x 4'-0" LONG.
35	TS 1" x 1" x 10ga

IDENTIFICATION STAMP

APP# 3 117168

Date AUG 04 2016

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HT.
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 BLDG FRAME W/#6 CU 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 SUFFICIENT 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 SHEET R-1.
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

REVISED

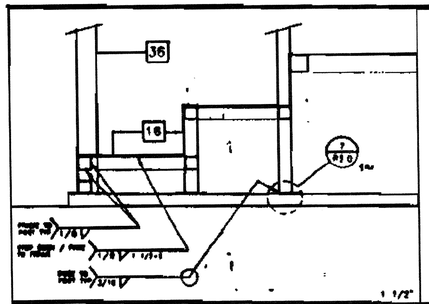
MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

Job Number: PC 275

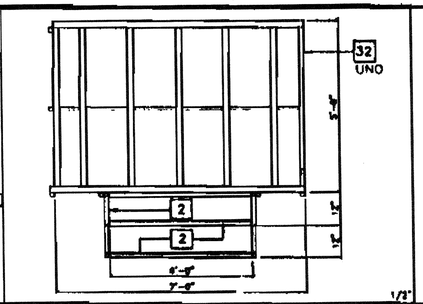
drawn by TMT
date 11/98
checked by
date
Modtech project no. PC 275

MODTECH Index No.
R1.0

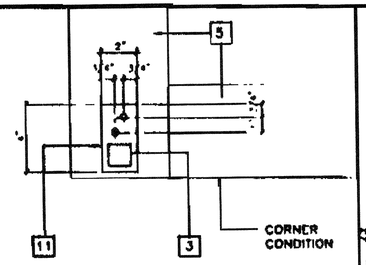
RAMP / LANDING



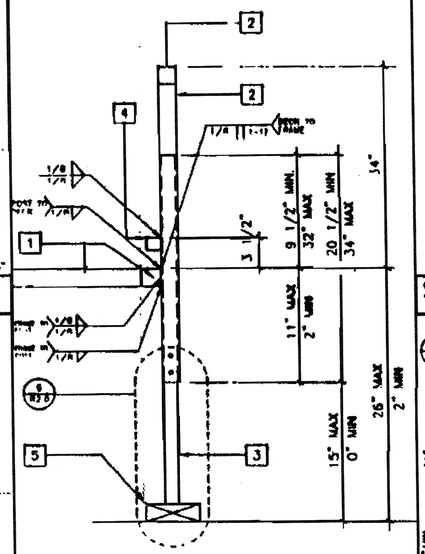
STAIR SECTION (OPTIONAL) 16



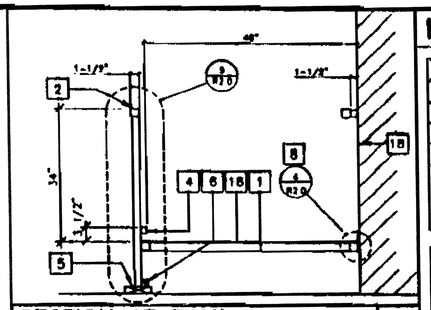
STAIR PLAN (OPTIONAL) 12



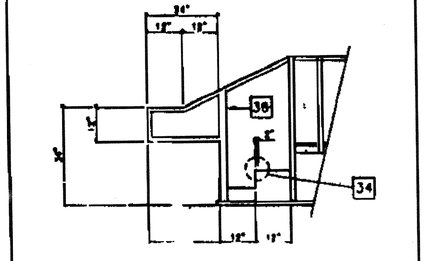
ADJUSTABLE LEG BASE PLATE 8



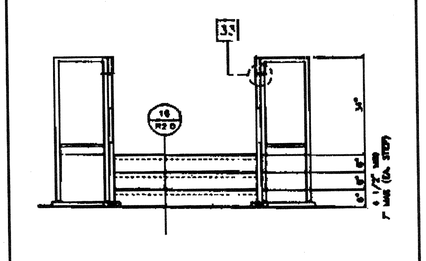
ADJUSTABLE LEG 5



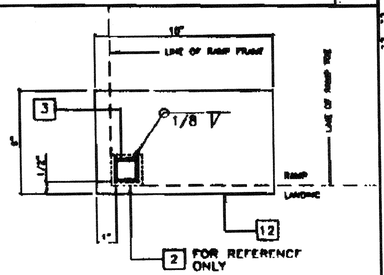
SECTION AT RAMP 1



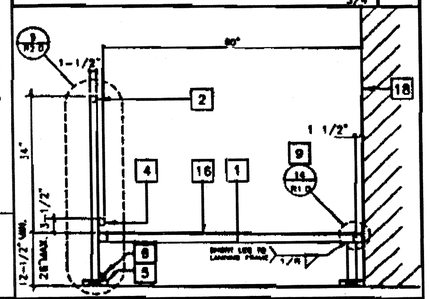
STAIR ELEVATION (OPTIONAL) 17



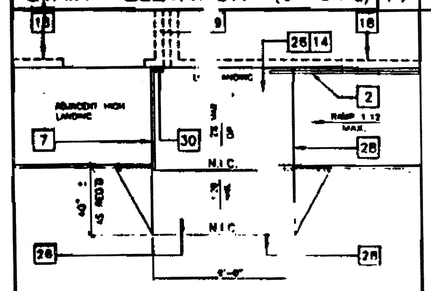
STAIR ELEVATION (OPTIONAL) 13



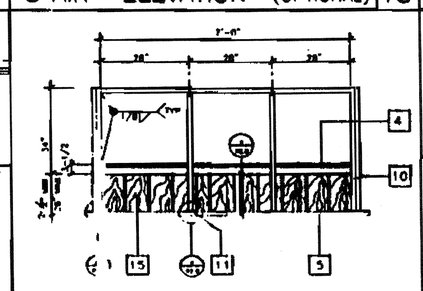
BASE PLATE @ RAMP TOE 9



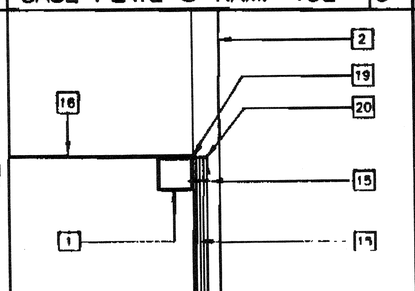
SECTION AT LANDING 2



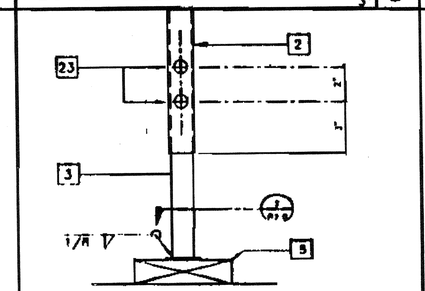
RAMP TRANSITION CITY DISTRICT 18



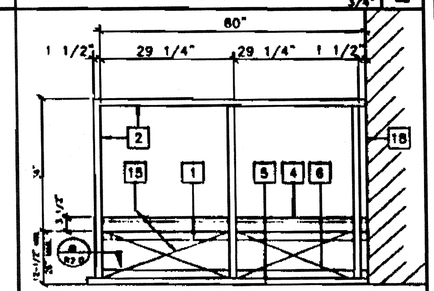
14



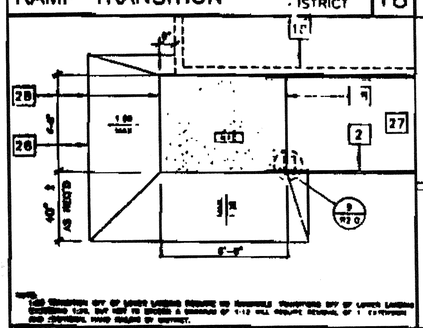
SKIRT FLASHING 10



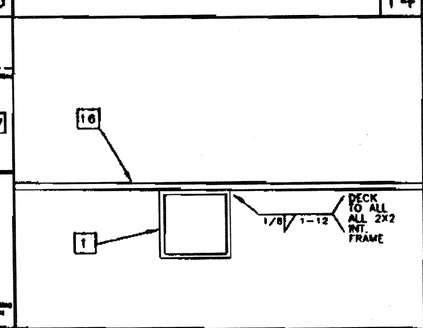
ADJUSTABLE LEG 6



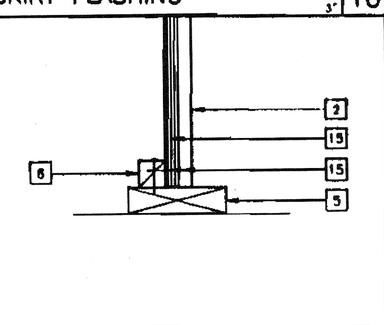
END ELEVATION 3



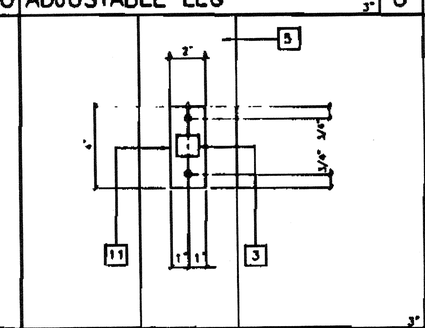
RAMP TRANSITION CITY DISTRICT 19



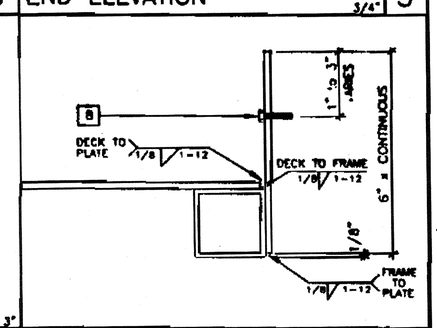
SECTION @ INT. FRAME 15



SKIRT @ SILL PLATE 11



ADJUSTABLE LEG BASE PLATE 7



SECTION @ PLATE 4

KEY NOTES

1	TS 2" x 2" x 14ga
2	TS 1 1/2" x 1 1/2" x 14ga (Fy = 39 KSI)
3	TS 1 1/4" x 1 1/4" x 14ga (Fy = 39 KSI)
4	TS 1" x 1" x 16ga WHEELCHAIR GUIDE
5	2 x 6 PT SILL PLATE
6	2 x 2 NAILER W/16d @ 12" OC
7	2 x PW HEADER BY DISTRICT.
8	6" x 10ga CONTINUOUS PLATE W /@14 x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUNDATION BLOCKS OR @14 x 2" TEK SCREWS INTO METAL @ 9"OC
11	2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
12	6" x 10" x 12ga BASE PLATE @ RAMP TOE.
14	LOWER LANDING BY DISTRICT
15	SHEATHING: PLYWOOD TO MATCH BUILDING SIDING. SLOPE ALL EDGES. ATTACH W/8d @ 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE @14 x 2" TEK SCREWS @ 9" OC
16	12ga METAL DECK; NON-SLIP SURFACE, DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.5, MAINTAINABLE FOR 1 YR
18	EXISTING BUILDING.
19	CAULKING
20	26 ga FLASHING
23	3/8" dia x 2" LONG MB W/NUT & WASHERS
26	PAVE BY DISTRICT.
27	RAMP BY MODTECH
28	FLUSH TRANSITION
29	3" MINIMUM BUILDING SEPERATION
30	PROVIDE SEPERATION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION, BY DISTRICT
32	SEE LANDING DETAILS AND RAMP ATTACHEMENT SEE 12/R1.0
33	FASTEN POSTS W/ 3/8" @ THRU BOLT, TYPICAL
34	2" DIAMOND STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
36	TS 2 1/2" x 1 1/2" x 8ga ASTM A500 GRADE A

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP# 3 117160
AC FLS SS TN
Date AUG 04 2016

REVISIONS

1		
2		
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 275
JAN 21 1997
REVISED

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

Job Number: PC 275

drawn by TW
date 11/96
checked by
date
Modtech project no. PC 275
MODTECH Index No.

RAMP/STAIR DETAILS

R2.0

JOB # 3405

MODTECH DESIGN MT-2440
PC 04-101419
RELOCATABLE CLASSROOM BUILDINGS
BUILDING SIZE: 24'x40'

FOR

WILLIAMS SCOTSMAN

(56) BUILDINGS

STOCKPILE

CBC 1998 | PC

BUILDING DATA

STRUCTURAL DESIGN: RIGID FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): 80 MPH
FLOOR LIVE LOAD: 50 PSF
ROOF LIVE LOAD: 20 PSF
OCCUPANCY: 24'x40' CLASSROOM: E-2

BUILDING AREA:
24'x40' BUILDING = 960 SF

APPLICABLE CODES

TITLE 24, CCR, PART 2, 1998 CBC (97 UBC W/98 CA AMENDMENTS)
1997 UBC & 1998 CA AMENDMENTS (98 CBC – PART 2, TITLE 24, CCR)
1998 NEC & 1998 CA AMENDMENTS (98 CEC – PART 3, TITLE 24, CCR)
1997 UMC & 1998 CA AMENDMENTS (98 CMC – PART 4, TITLE 24, CCR)
1997 UPC & 1998 CA AMENDMENTS (98 CPC – PART 5 TITLE 24, CCR)
1997 UFC & 1998 CA AMENDMENTS (98 CFC – PART 9, TITLE 24, CCR)
1998 CA BUILDING STANDARDS CODE
TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
1/2	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
ROH = ROOF OVERHANG
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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP# 3 117168
AC. ___ FLS ✓ SS TN
Date AUG 04 2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
[redacted]
AC. G. FLS ✓ SS
DATE MAR 09 2017
FLS: EPerez
ACP: G. Izon
SS: GWatkins

JOB No.# 3405

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101419
AC. DT FLS ✓ SS GW
DATE 12/3/1999
ACP: D. PEARSON
PM: EPEREZ

REVISIONS

1					
2					
3					
4					
5					

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

LICENSED ARCHITECT — No. C-29029 — 12/31/00 — STATE OF CALIFORNIA

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

PROJECT NUMBER: 3405

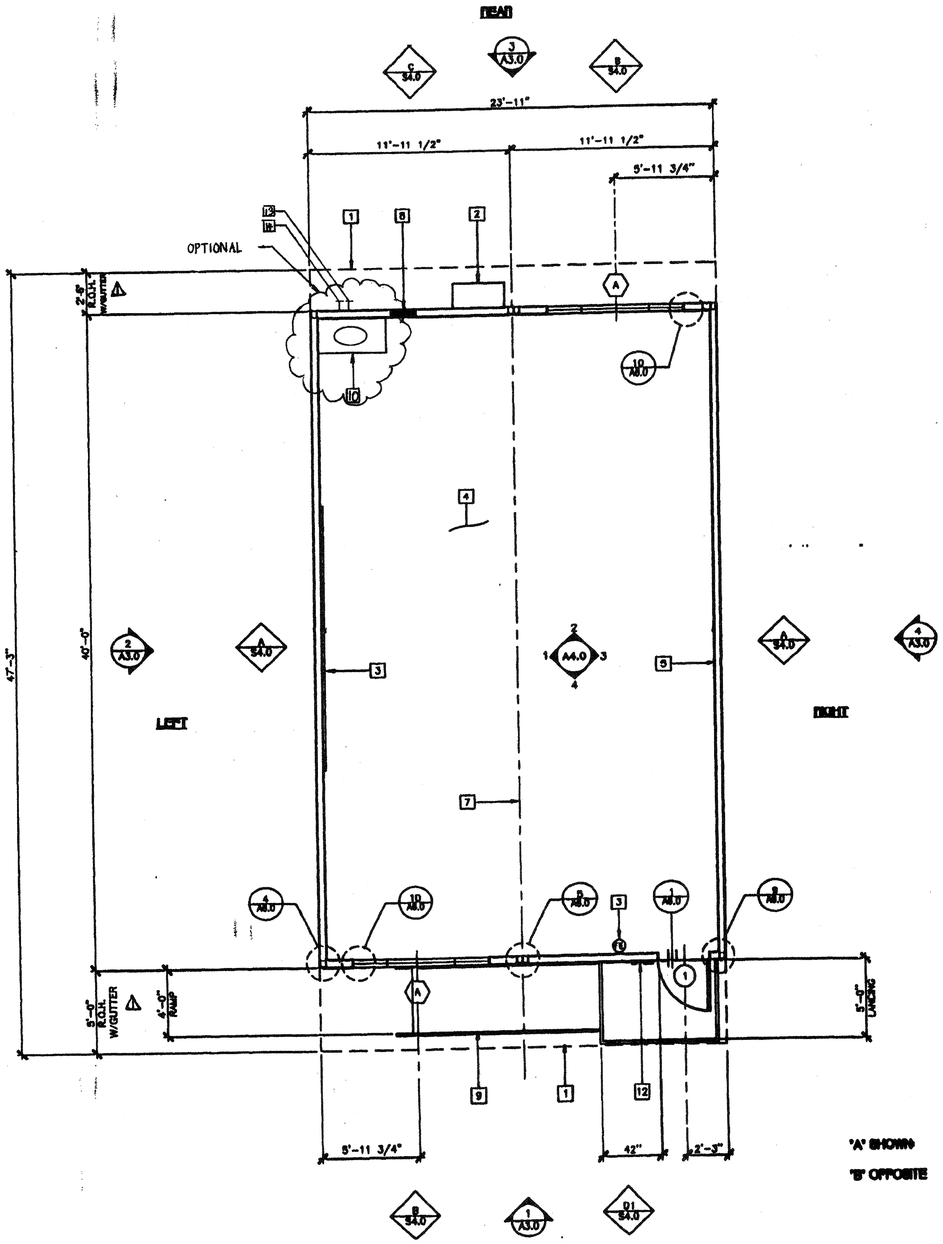
DRAWN IN
DATE:
CHECKED BY: GW
DATE: 10/22/99

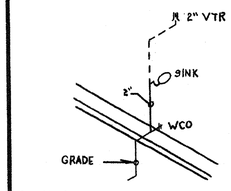
MODTECH Index No.

COVER SHEET

A.0

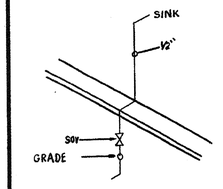
3405





SCALE N.T.S. PIPE SHALL BE TYPE ABS

SINK CABINET WASTE | 1



SCALE N.T.S. PIPE SHALL BE TYPE 'L' COPPER

SINK CABINET COLD WATER SUPPLY | 2

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT (HV)
3. 2 – 8'x4' MARKER BOARDS (SEE SPEC'S FOR TYPE)
4. FINISH FLOORING (FIN)
5. INTERIOR FINISH (FIN)
6. FIRE EXTINGUISHER – 5 LBS DRY CHEMICAL WITH 2A-10BC UL RATING WALL MOUNTED BRACKET, HANDLE AT 48" AFF
7. MODLINE (M)
8. ELECTRICAL PANEL
9. RAMP/LANDING (WMP)
10. SINK CABINET OPTIONAL — LAV: KOHLER # K-2867, FAUCET CHICAGO 333-669
11. NOT USED
12. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY, SEE A5.0.
13. COLD WATER SUPPLY
14. WASTE AND VENT P.O.C.

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER. MANUFACTURER'S NAME AND SERIAL NUMBER.
2. METAL TAG MIN. 3 1/2"X1 1/2" METAL I.D. W/
   1. DESIGN WIND LOAD
   2. DESIGN ROOF LOAD
3. PROVIDE MIN. 3 1/2"X1 1/2" METAL TAG INSTALLED INSIDE THE ELECTRICAL PANEL SHOWING OPSC NUMBER AND DSA NUMBER.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
AC G FLS SS
DATE MAR 0 8 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP# 3 117168
AC FLS SS TN
Date AUG 04 2018

FILE PATH: 2440-0-A1-0.DWG

PC
CBC 1998

FLOOR PLAN — 24x40
SCALE: 1/4" = 1'-0"

REVISIONS			
1	10/99	CLARIFY OVERHANGS	SS
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
101419
DATE 10/25/1999

MODTECH INC.
2630 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

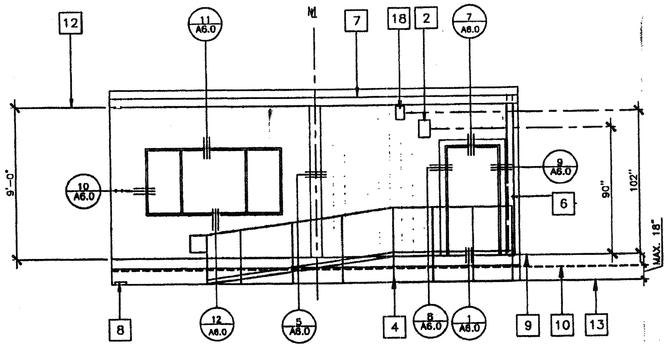
PROJECT NUMBER:

DRAWN BY:
DATE:
CHECKED BY: SS
DATE: 10/22/99

FLOOR PLAN

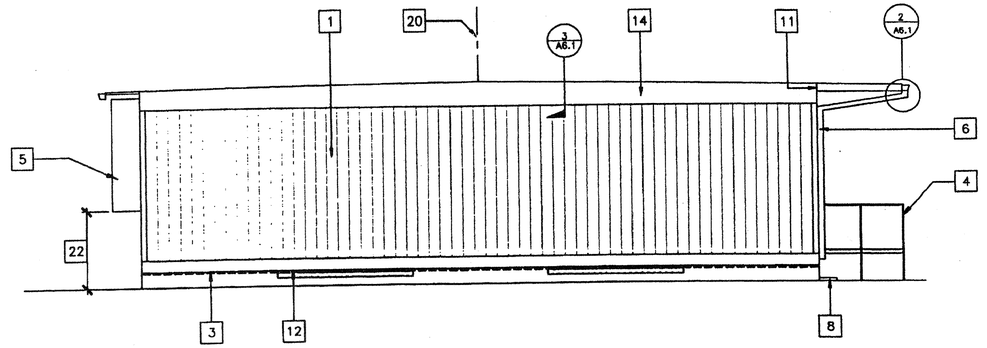
A1.0

PC-04-101419 PROJECT NO. 3405



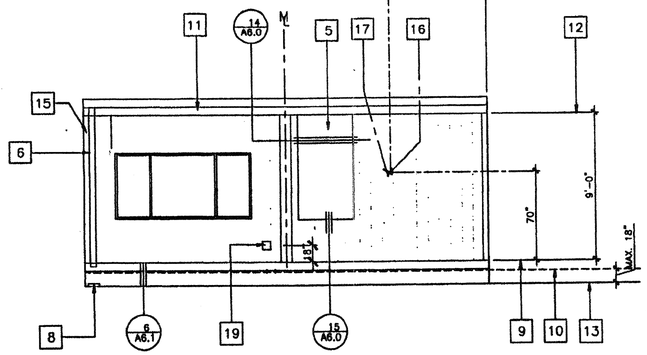
1 FRONT ELEVATION

1/4" = 1'-0"



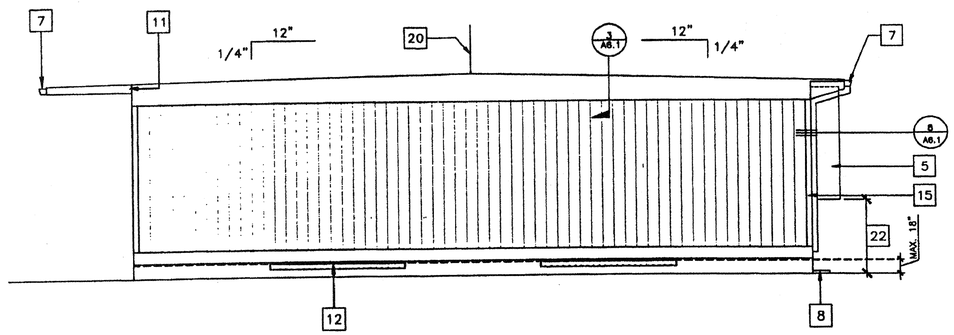
2 LEFT ELEVATION

1/4" = 1'-0"



3 REAR ELEVATION

1/4" = 1'-0"



4 RIGHT ELEVATION

1/4" = 1'-0"

"A" = SHOWN
"B" = OPPOSITE

CBC 1998

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KEY NOTES

1. TYPICAL EXTERIOR SIDING (SEE A5.0)
2. EXTERIOR LIGHT FIXTURE (SEE SPEC'S)
3. TOP OF SKIRTING
4. RAMP AND LANDING SEE SHT. R-1
5. HVAC UNIT. SEE (HV)
6. DOWNSPOUT (TYP.) FOR (2). FASTEN TO BLD'G. TYP 3 PLACES (SEE 8/A6.1)
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN) SEE A2.0
8. SPLASH BLOCK (BY OTHERS)
9. FINISH FLOOR LINE
10. BOTTOM FLANGE OF FLOOR BEAM
11. ROOF HEADER
12. VENT. SEE FOUNDATION PLAN
13. FINISH GRADE
14. ROOF BEAM SEE (STR)
15. COLUMN SEE (STR)
16. ELECTRICAL STUB-OUT SEE (EL)
17. GROUND STUB-OUT SEE (EL)
18. J BOX FOR EXT. FA HORN SEE (EL)
19. NEMA 6" X 6" GUTTER BOX SEE (EL)
20. RIDGE
21. NOT USED
22. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" THEN PROTECTION MUST BE PROVIDED.

NOTES

1. SEE FOUNDATION PLAN FOR SIZE AND LOCATION OF UNDER FLOOR VENTS.

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AC. FLS SS TN
Date AUG 0 4 2016

FILE PATH: 2440-0-A3-3.DWG

PROJECT No. PC-04-101419

REVISIONS

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Electrical Engineer's Seal

Mechanical Engineer's Seal

LICENSED ARCHITECT
LEONARD
12-31-99
RENEWAL DATE
STATE OF CALIFORNIA

Architects Seal

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101419
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DATE OCT 25 1999

MODTECH

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

PROJECT NUMBER:

DRAWN BY:
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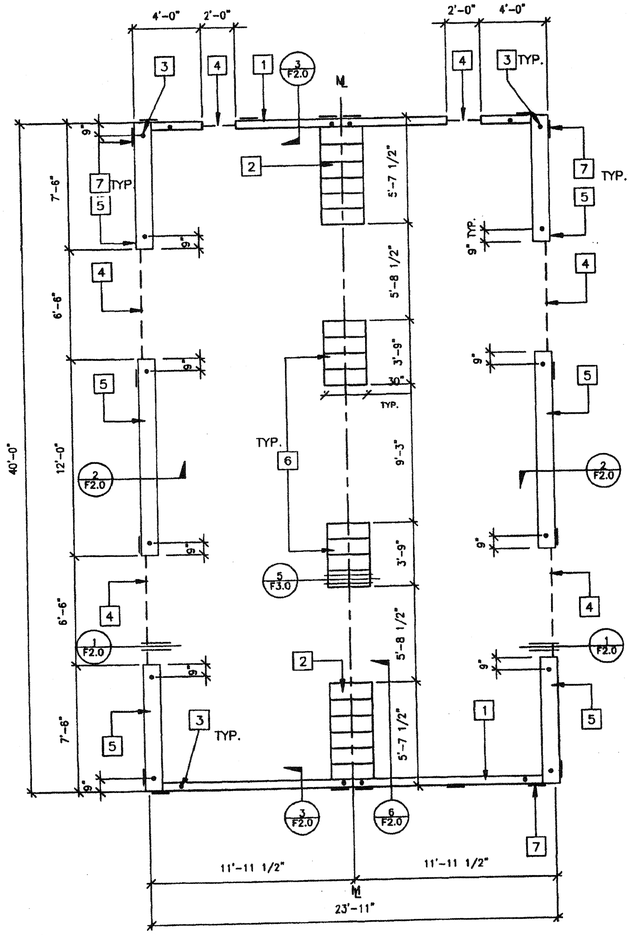
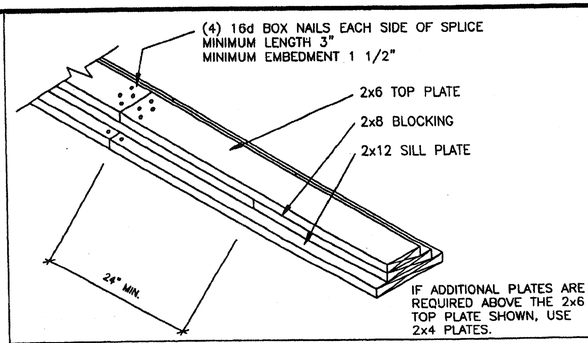
DATE: 10/22/99

MODTECH Index No.

EXTERIOR ELEVATIONS

A3.0





FOUNDATION SPLICE DETAIL

KEY NOTES

1. 2"X6" SILL PLATE (END WALL)
2. 6– 2X12X30" LONG SILL PADS
3. PIPE TO GRADE (TYP.)
4. 3" HIGH BY 6'–6" LONG VENT @ SIDEWALLS
   3" HIGH BY 2'–0" LONG VENT @ ENDWALLS
5. 2X12 SILL PLATE (SIDE WALL)
6. 4–2X12X30" LONG SILL PADS
7. 6"X12"X10 GA. PLATES
   5 @ ENDWALL, 4 @ SIDEWALL
8. NOT USED
9. NOT USED

NOTES

1. SILL RESTRAINT: ON A.C. PAVING AND ON SOIL 1" O.D. GALVANIZED PIPE AT 10'–0" 12" PENETRATION BELOW SURFACE VERTICALLY. DRILL SILL 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.)
2. ON CONCRETE PAVING HILTI DS 82–P10 THRU SILL PLATE:
   END WALLS: 8" O.C.
   SIDE WALLS: 22 "O.C.
3. WHERE SHIM STOCK IS REQUIRED FOR LEVELING USE 1/4", 1/2", OR 3/4" THICK PLYWOOD SAME WIDTH AS BLOCK. P.T.
4. VERIFY DRAINAGE TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE. WITH DISTRICT ARCHITECT SITE PLANS
5. ALL FOUNDATION MATERIAL SHALL BE DOUGLAS FIR
   GROUND CONTACT: LP–22 (CCA .40)
   ABOVE GROUND: LP–2 (CCA .25)
6. ALLOWABLE SOIL BEARING: 1000 PSI
7. "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" IN OVERALL LENGTH"

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

VENT CALCS.

BLD'G SIZE 24' X 40'= 960
VENTILATION REQ'D 960 ÷ 150= 6.4SF
3"X6'–6" VENT=1.625SF X 4 = 6.5SF
3"X2'–0" = 0.5 SF X 2 = 1.0 SF
TOTAL VENTING PROVIDED = 7.5 SF

FOUNDATION - WOOD SILL 24' X 40' 50 PSF LL

SCALE 1/4" = 1'

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
REGISTERED ARCHITECT
No. C-31928
RENEWAL 07-31-99
STATE OF CALIFORNIA

Architects Seal

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DIV. OF THE STATE ARCHITECT
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DATE OCT 25 1999

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

PROJECT NUMBER:

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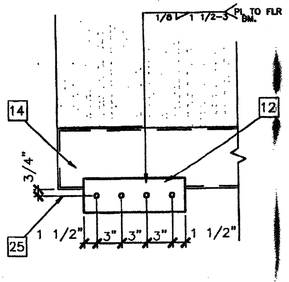
FOUNDATION PLAN

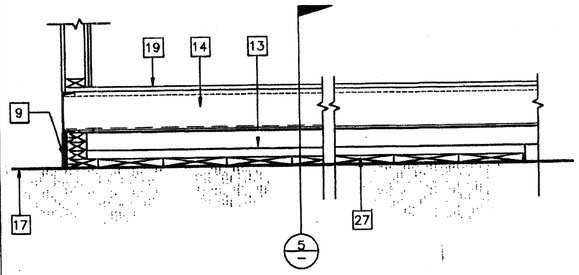
F1.0

FILE PATH: 2440-0-F1-01.#5

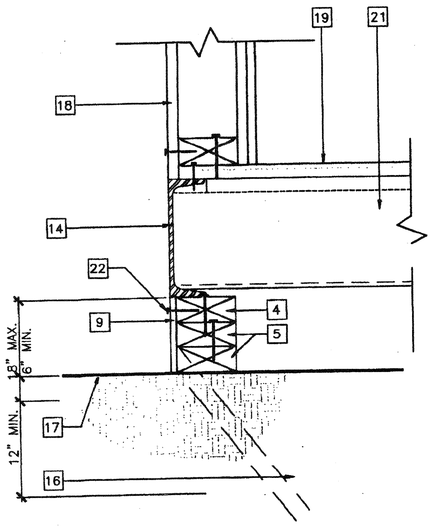
PROJECT NO.: PC-04-101419



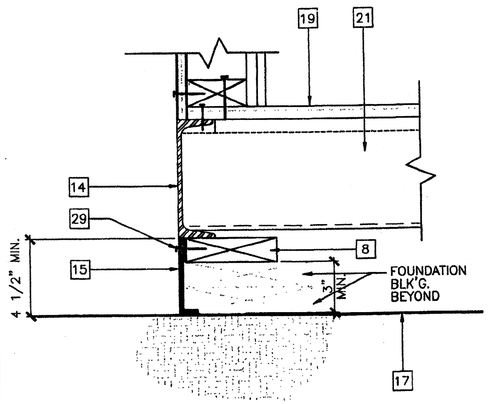
9 SCALE: 1 1/2"=1'-0"
ALTERNATE TIE PLATE



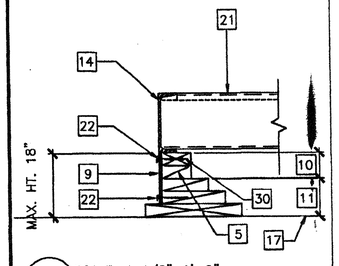
6 SCALE: 1 1/2"=1'-0"
MODLINE PAD @ END WALL



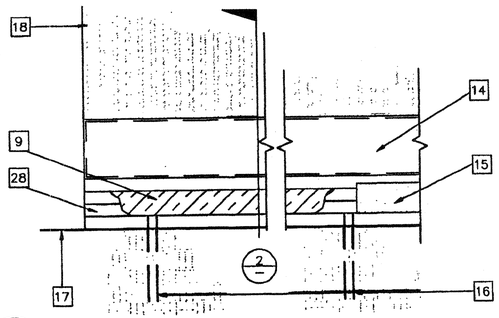
3 SCALE: 3"=1'-0"
FOUNDATION @ END WALL



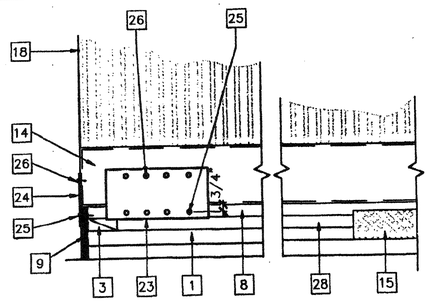
1 SCALE: 3" = 1'-0"
FOUNDATION VENT



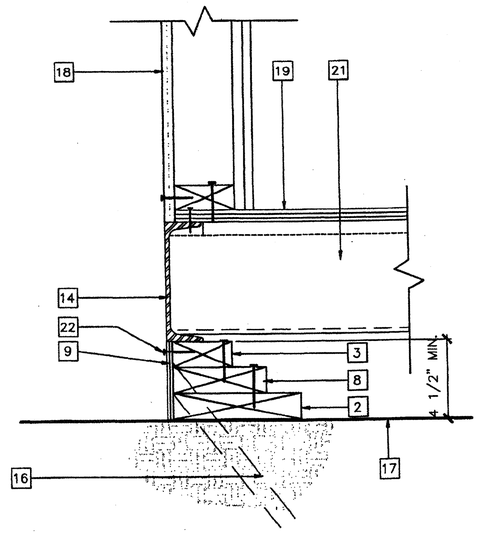
10 SCALE: 1 1/2"=1'-0"
ADD BLK'S/SHIMS TO LEVEL FOUND.



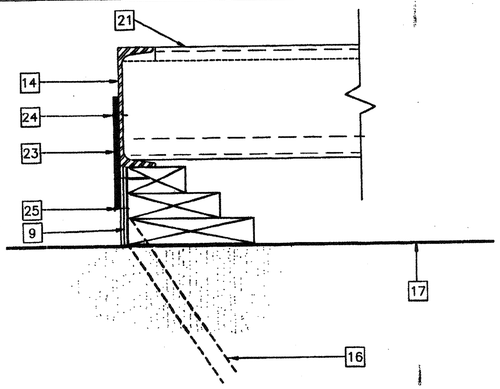
7 SCALE: 1 1/2"=1'-0"
FOUNDATION ELEVATION @ SIDE WALL



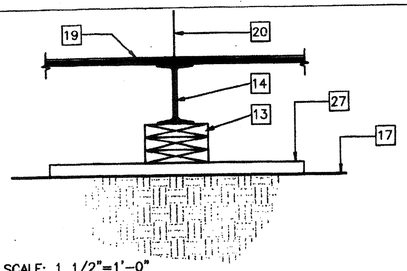
4 SCALE: 1 1/2"=1'-0"
DETAIL @ FOUNDATION CORNER



2 SCALE: 3" = 1'-0"
FOUNDATION @ SIDE WALL



8 SCALE: 3"=1'-0"
TYPICAL TIE PLATE



5 SCALE: 1 1/2"=1'-0"
FOUNDATION PAD @ MODLINE

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KEY NOTES

1. 2X12 SILL PLATE SEE FOUND. PLAN FOR LENGTH
2. 2X8 TOP PLATE W/16d AT MAX. 5" O.C. TO SILL PLATE
3. 2X4 CONT. TOP PLATE W/16d AT MAX. 12" O.C.
4. 2X4 TOP PLATE CONT. W/16d AT MAX. 12" O.C.
5. 2X4 BLOCKING W/16d MAX. 12" O.C. TO SILL PLATE
6. NOT USED
7. NOT USED
8. 2X6 BLOCKING W/16d AT MAX. 12" O.C.
9. MIN. 5/8" PLYWOOD SKIRTING W/10d BOX @ MIN. 4" O.C. AT ENDWALLS & 6" O.C. AT SIDEWALLS E.N. & TYP. 12" O.C. FN.
10. ADD BLOCKING OR SHIMS AS REQ. TO MAX. HT. SEE DETAIL #2
11. MIN. FOUNDATION HEIGHT. SEE DETAIL #2
12. 10 GA. PLATE 4" X 12"
13. 2X8 BLOCKING FACE OR TOE NAIL 16d AT MAX. 12" O.C. ADD BLKS. OR SHIMS AS REQ'D
14. FLOOR FRAME BEAM. SEE STRUCTURAL
15. VENT MIN. 3" X 6'-6" TYP. 4-PLACES = 6.5 SF. 2 VENTS AT 3" X 2'-0" = 1.0 SF. = 7.5 SQ. FT. TOTAL
16. SILL RESTRAINT 1" DIA. PIPE. SEE FOUND. PLAN FOR LOCATION - 24" LONG
17. FINISH GRADE
18. EXTERIOR FINISH
19. PLYWOOD SUBFLOOR
20. MOD-LINE
21. FLOOR-JOIST
22. EN SEE NOTE #9
23. 6" X 12" X 10GA. PLATE W/(4) #10 SMS TO FLR & (4)1/4" DIA. X 3" LAG TO FOUND. TOP PLATE
24. 6" X 12" X 10 GA. PLATE
25. 1/4" DIA. X 3" LG. LAG SCREW TYP. 4-PLACES
26. #10 S.T.S. TYP. 4-PLACES
27. 2" X 12" X 2'-6" SILL PLATE. SEE FOUND. PLAN FOR QUANTITY REQ'D
28. 2X8 BLOCKING W/16d AT MAX. 6" O.C. MIN. 3 PER BLOCK. (MAY VARY ACCORDING TO SITE)
29. 10d GALV. BOX NAIL AT MAX. 4" O.C.
30. INSERT REQ'D 2X4 BLOCKING OR PLYWOOD SHIM W/16d AT 12" O.C. FACE NAIL
31. NOT USED
32. NOT USED

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FILE PATH: 2440-0-F2-0.DWG

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
REGISTERED PROFESSIONAL ENGINEER
No. C 37999
EXP. 12/31/99
STATE OF CALIFORNIA

Architects Seal

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

PROJECT NUMBER:

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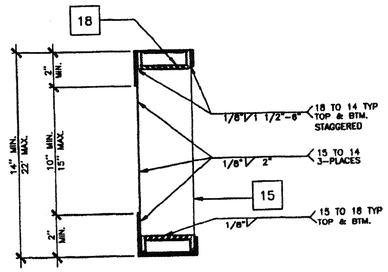
DATE: 10/22/99

MODTECH Index No.

F2.0

FOUNDATION DETAILS

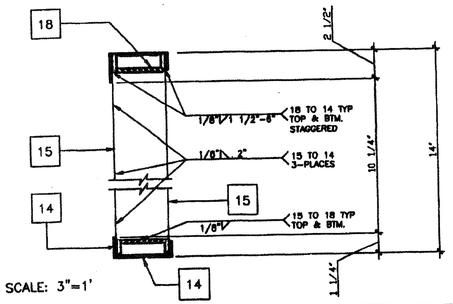
PROJECT NO. PC-04-101419



SCALE: 3"=1'

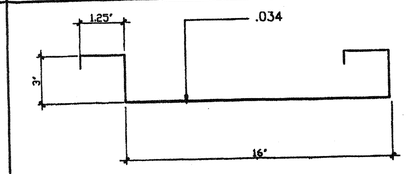
SEE MECH. PLAN FOR LOCATION

MECH. DUCT OPENING IN ROOF BM. 8



SCALE: 3"=1'

MECH. DUCT OPENING IN HEADER 4

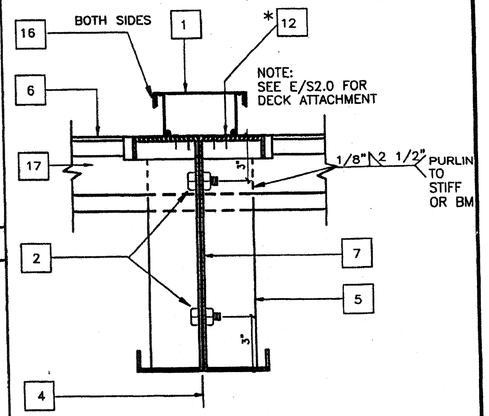


Sx(MIN) = 0.296 IN3
Ix(MIN) = 0.446 IN4

Sx(MAX) = 0.33 IN3
Ix(MAX) = 0.603 IN4

SCALE: NTS

ROOF PAN (22GA.) 5

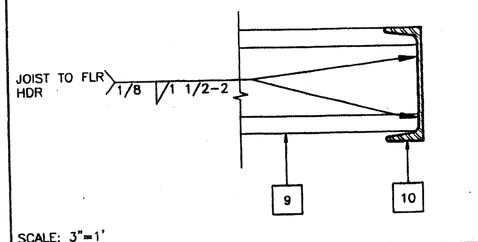


SEE 9/S2.1 FOR TYP. WELD STIFFENER TO BEAM

*DO NOT PENETRATE METAL ROOF DECK

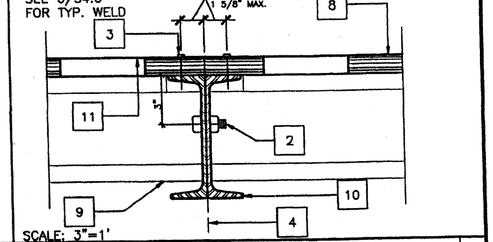
SCALE: 3"=1'

ROOFING • MODLINE 1



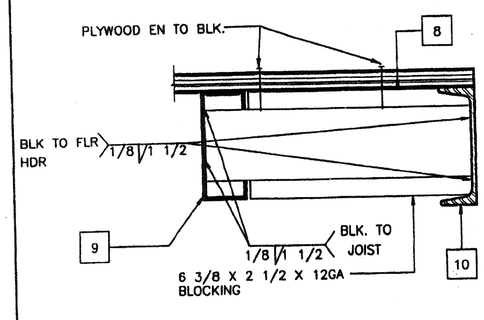
SCALE: 3"=1'

FLOOR FRAME/JOIST TO BEAM 6



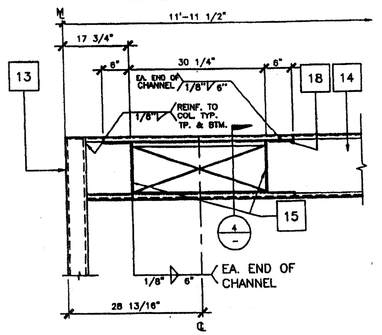
SCALE: 3"=1'

MODULE JOINT AT FLR. 12'-0" 2



SCALE: 3"=1'

BLOCK AT MIDSPAN 10



SCALE: 1"=1'

ELEVATION-OPENING 3

KEY NOTES

1	CAP CLOSURE AT RIDGE 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT. BOTH SIDES
2	5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) AT 8" O.C.
3	E.N.
4	MODULE JOINT
5	14" THK X 3" FULL DEPTH STIFFENER PLATE AT RIDGE ONLY (SEE 9/S2.1)
6	STANDING ROOF SEAM (SEE A2.0)
7	ROOF BEAM SEE 1/S2.1 & 7/S2.1
8	PLYWOOD FLOOR SHEATHING
9	FLOOR JOIST SEE 6/S2.1
10	FLOOR BEAM SEE 5/S2.1
11	HAND HOLE AT BOLT LOCATION
12	#14 STSMS.
13	3 1/2"X3 1/2"X1/4" STEEL TUBE COLUMN. SEE 12/S2.1
14	ROOF HEADER SEE 3/S2.1
15	1/4" STIFFENER PLATE SEE 9/S2.1 FOR TYP. WELD
16	SEALANT
17	ROOF PURLIN SEE 2/S2.1
18	3 1/4" X 1" X 45 11/16" LG X 10GA CHANNEL TOP AND BOTTOM OF OPENING

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Date MAR 0 9 2018

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — LICENSED ARCHITECT — No. C-24139 — RENEWAL 10/31/99 — DATE — STATE OF CALIFORNIA

Architects Seal

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AC FLS SS
DATE OCT 25 1999

MODTECH

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

PROJECT NUMBER:

DRAWN BY:
DATE:
CHECKED BY: SS
DATE: 10/22/99
MODTECH Index No.

STRUCTURAL DETAILS

S1.2

PROJECT NO. PC-04-101419

T.I. PAN: 2440-0-S1-2.DWG

ELECTRICAL PANEL SCHEDULE

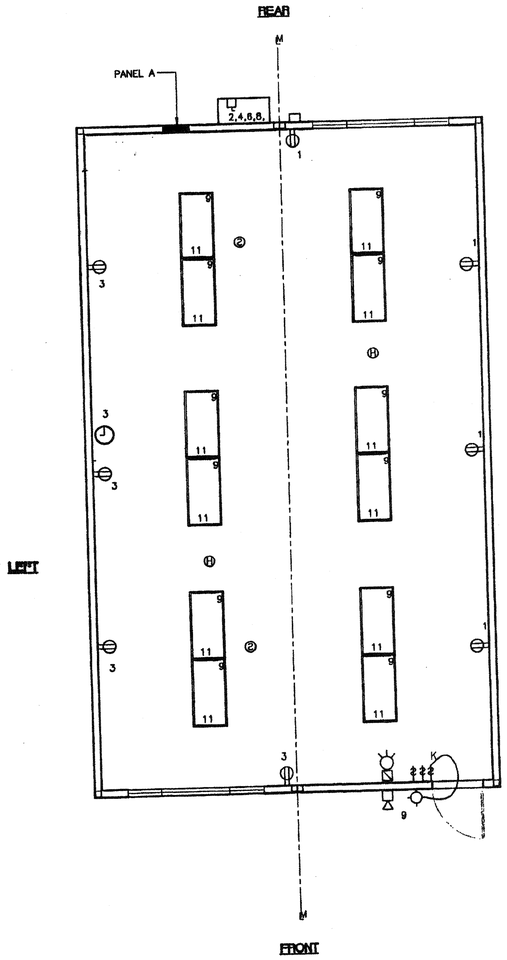
MAIN: 100 AMP 12 POLE | PANEL: A | LOCATION: REAR/INTERIOR | FEED: REAR | MOUNTING: FLUSH

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	(11)	760		20	1	9			10					
INT. LIGHTS	(10)		700	20	1	11			12	–	–		40	FIRE ALARM (DEDICATED)
WATTS/PHASE	A = 7340	1480	1420									5860	5900	B = 7320 WATTS/PHASE

TOTAL 14810 WATTS | 82 AMPS | 120/240 VOLTS | SINGLE ø | THREE WIRE

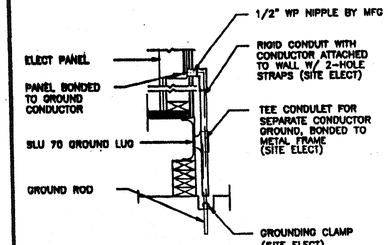
NCL = 13060 WATTS

* SMOKE & HEAT DETECTORS SHOWN ARE FOR OPTION AUTOMATIC DETECTION. OF ELECTED AS AN OPTION THEY MUST BE PROVIDED BY DISTRICT. NO PROVISIONS WILL BE MADE UNDER THIS CONTRACT.

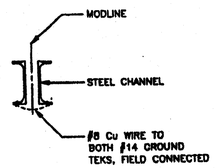


GENERAL GROUNDING NOTES

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 • MOD LINE | 2

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +93" AFF
- SWITCH AT +48" AFF
- DUPLEX WALL RECEPTACLE 15A 125V 3 WIRE AT +18" AFF U.N.O.
- HVAC UNIT (HV)
- 4SQ J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, 3/4" CO TO OR . PULLSTRING
- 4SQ J-BOX FOR FIRE ALARM STROBE AT +80" AFF 3/4" CO TO PULLSTRING
- 4SQ J-BOX FOR FIRE ALARM HORN AT +80" 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
- D DATA LINE
- S 4SJ BOX FOR OPTIONAL SMOKE DETECTOR (CFIL)*
- H 4SJ BOX FOR OPTIONAL HEAT DETECTOR AT 12'-0" AFF (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.

FOR ELECTRICAL DRAWINGS:

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.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
AC FLS SS
DATE MAR 0 5 2000

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP#3 117168
AC FLS SS TN
Date AUG 04 2016

FIRE PANEL 2440-0-E1.0

ELECTRICAL PLAN

CBC 1998

PC
PLAN CHECKED - Fire & Life Safety
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101419
AC FLS SS
DATE 10/21/99

SCALE: 1/4" = 1'-0" (24'x40')

REVISIONS

1			
2			
3			
4			
5			

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

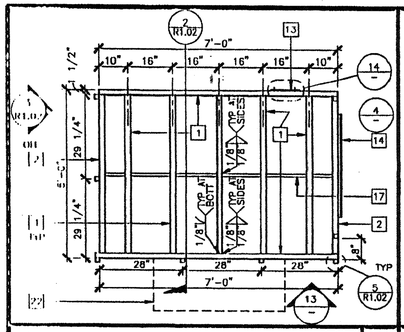
MODTECH INC.
2630 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

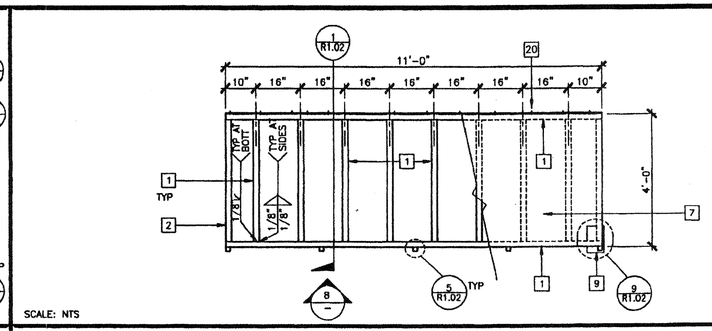
DRAWN BY:
DATE:
CHECKED BY: SS
DATE: 10/22/99
MODTECH Index No.

ELECTRICAL PLAN w/o DATA 24'x40'

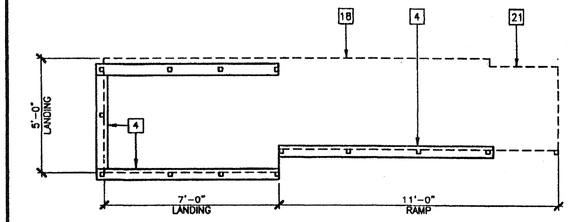
E1.0



LANDING FRAME | 12



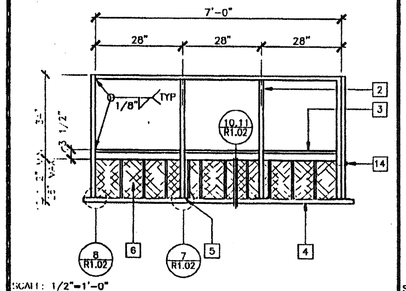
RAMP FRAME | 7



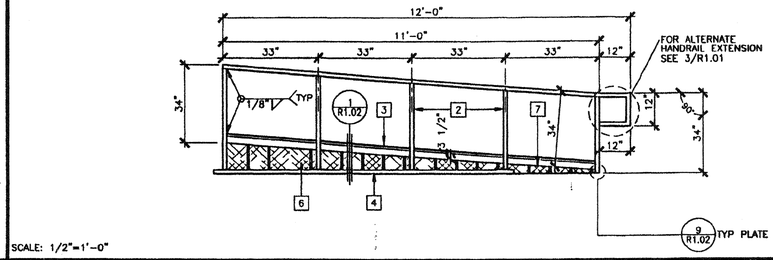
SILL PLAN FOR RAMP AND LANDING | 1

KEY NOTES

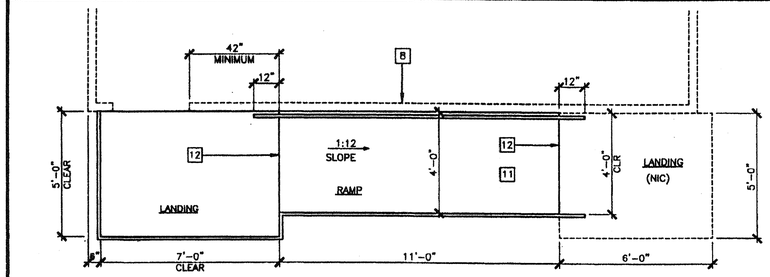
1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI). ROUNDED OR BEVELED AT CORNERS
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH (2) 1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC ENDS 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.
22. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
23. LINE OF STAIR OPTION – 12,13/R1.02



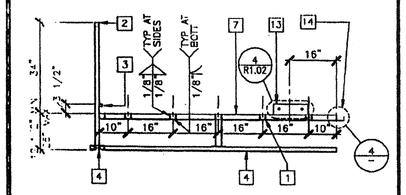
LANDING ELEVATION | 13



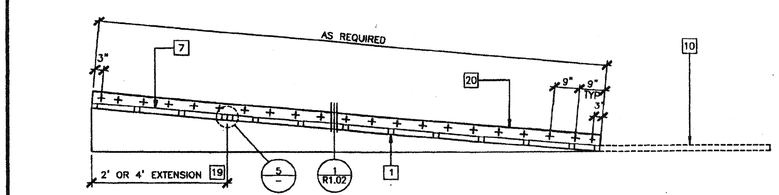
RAMP ELEVATION | 8



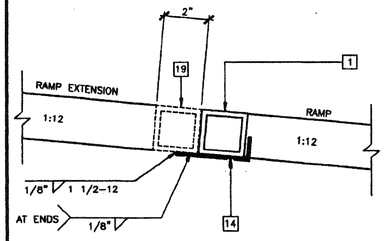
RAMP AND LANDING AT BUILDING | 2



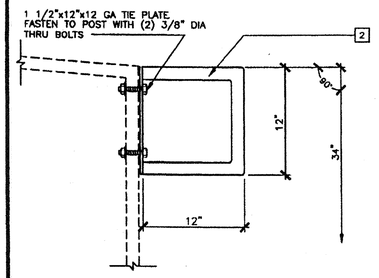
SECTION AT LANDING | 14



LONGITUDINAL SECTION AT RAMP | 9



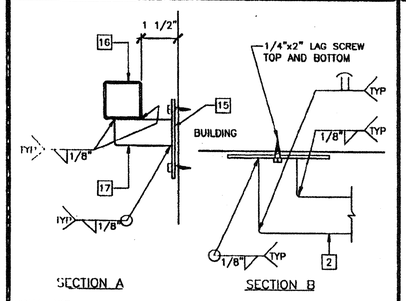
RAMP EXTENSION TO RAMP | 5



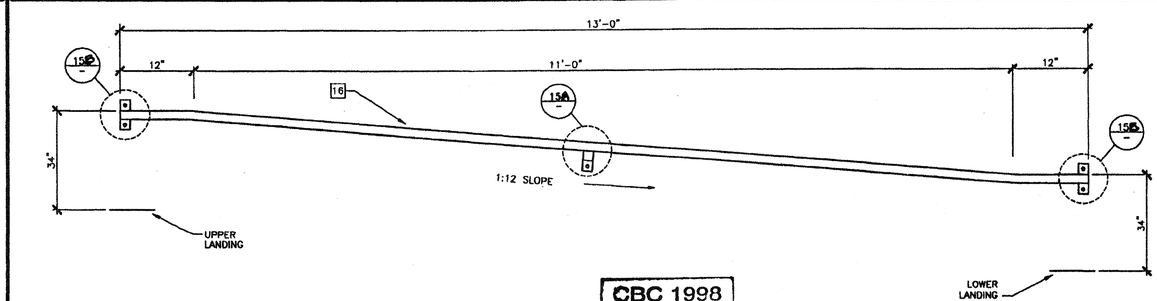
ALTERNATE GUARD RAIL EXTENSION | 3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
AC CA FLS SS CA
DATE MAR 0 9 2000

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
APP# 3 117168
AC FLS SS TN
Date AUG 04 2018

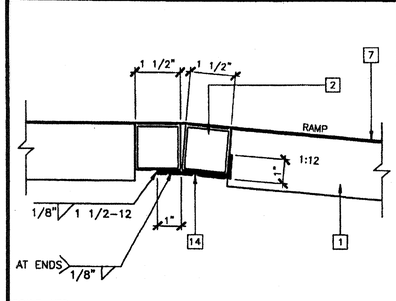


HANDRAIL CONNECTION | 15



CBC 1998

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) | 6



RAMP AT LANDING | 4

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)

REVISIONS

1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
REGISTERED ARCHITECT
RENEWAL DATE
STATE OF CALIFORNIA

Architects Seal

PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101419
AC
DATE OCT 25 1999

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

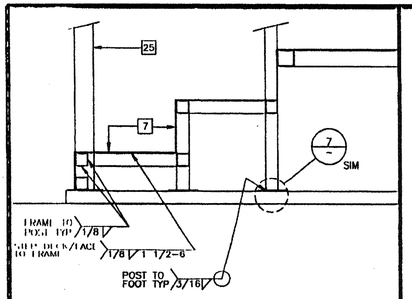
PROJECT NUMBER:

DRAWN BY:
DATE:
CHECKED BY: SS
DATE: 10/22/99

MODTECH Index No.

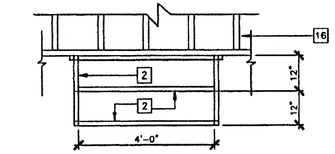
RAMP/LANDING 11' RAMP

R1.00



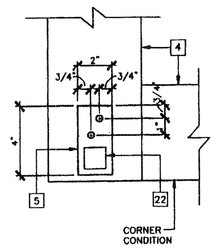
SCALE: 1 1/2"=1'-0" (OPTIONAL)

STAIR SECTION 16



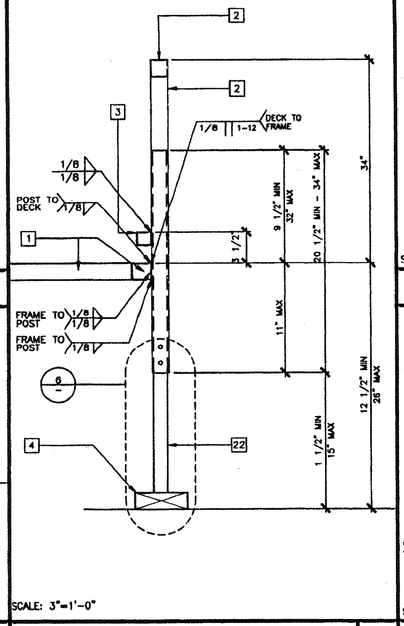
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR FRAMING PLAN 12



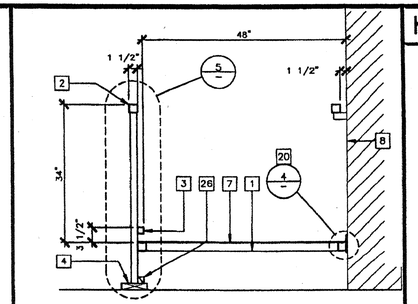
SCALE: 3"=1'-0"

ADJUSTABLE LEG BASE PLATE 8



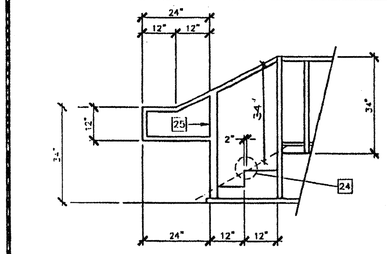
SCALE: 3"=1'-0"

ADJUSTABLE LEG 5



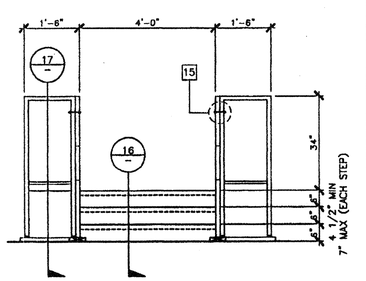
SCALE: 3/4"=1'-0"

SECTION AT RAMP 1



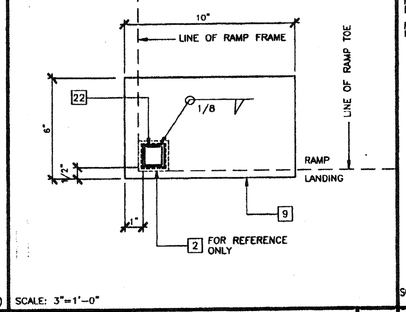
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR ELEVATION 17



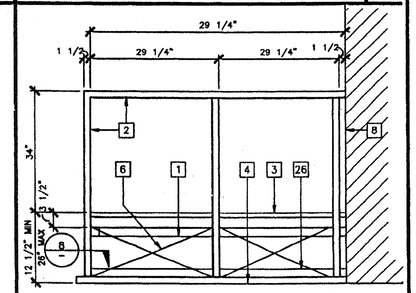
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR ELEVATION 13



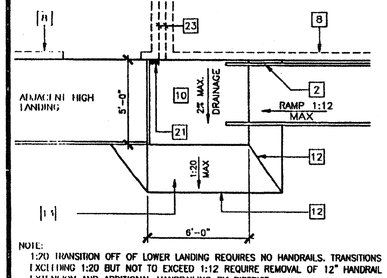
SCALE: 3"=1'-0"

BASE PLATE AT RAMP TOE 9



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

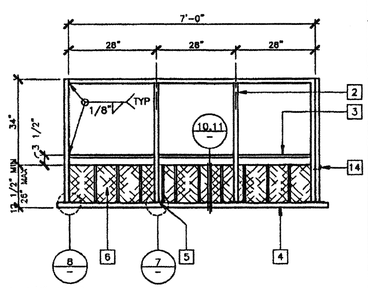
SECTION AT LANDING 2



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

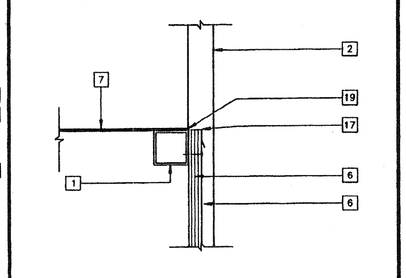
SCALE: NTS (BY DISTRICT)

RAMP TRANSITION 18



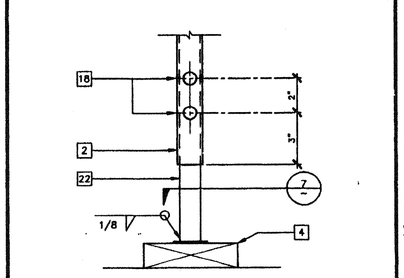
SCALE: 1/2"=1'-0"

LANDING ELEVATION 14



SCALE:3"=1'-0"

SKIRT FLASHING 10

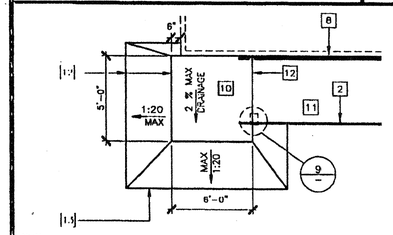


SCALE: 3"=1'-0"

ADJUSTABLE LEG 6

SCALE: NTS

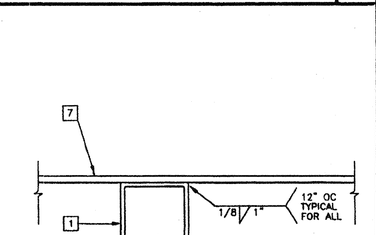
END ELEVATION 3



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

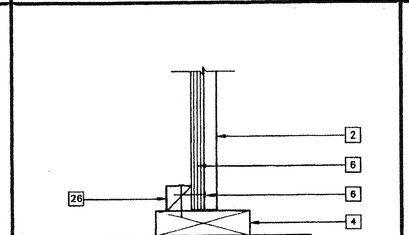
SCALE: NTS (BY DISTRICT)

RAMP TRANSITION 19



SCALE: NTS

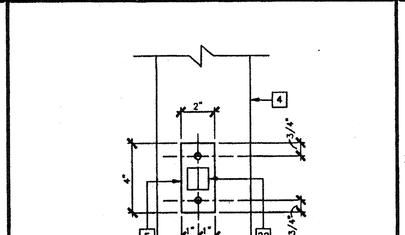
SECTION AT INTERIOR FRAME 15



CBC 1998

SCALE: 3"=1'-0"

SKIRT AT SILL PLATE PC 11



SCALE: 3"=1'-0"

ADJUSTABLE LEG BASE PLATE 7

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 65%. MAINTAINABLE FOR 1 YR. PROVIDE ROUNDED OR BEVELED EDGES ON STAIR NOSING.
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 & WASHER
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

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

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

PROJECT NUMBER:

RAMP/LANDING DETAILS

DRAWN BY:
DATE:
CHECKED BY: SS
DATE: 10/22/99

MODTECH Index No.

R1.02

PC-04-101419

JOB # 2986 # 3022 # 2377 # 2506 # 3183

RELOCATABLE BUILDING(S)

FOR

FROM STOCKPILE TO SITE SPECIFIC RELOCATION PACKAGE

CLASS LEASING

BAKERSFIELD CITY SD
MT. VERNON
CL2870

STOCKPILE # 42

121 - 24 x 40 CLASSROOMS

~~(9) SERIAL # 20829 - 20846~~
~~(23) SERIAL # 37318 - 37363~~
(35) SERIAL # 38012 - 38081 / (38072 - 38073)
~~(12) SERIAL # 39704 - 39727~~
~~(25) SERIAL # 38523 - 38572~~
~~(11) SERIAL # 25607 - 25628~~
~~(1) SERIAL # 41569 - 41570~~
~~(4) SERIAL # 41008 - 41015~~ W/ SINK CABINET
~~(1) SERIAL # 41016 - 41017~~

121 RELOCATABLE BLDG'S TOTAL

PC-266

24' x 40'

~~36' x 40'~~

~~48' x 40'~~

REVISED

BUILDING DATA

BUILDING SIZE	24' X 40'	~~36' X 40'~~	~~48' X 40'~~
OCCUPANCY	E - 2	E - 1	E - 1
TYPE OF CONSTRUCTION	V - N	V - N	V - N
WIND LOAD	70 MPH. EXP. "C"	70 MPH. EXP. "C"	70 MPH. EXP. "C"
FLOOR LIVE LOAD	50 + 20 PSF	50/50 + 20 PSF	50/50 + 20 PSF
ROOF LIVE LOAD	20 PSF	20 PSF	20 PSF
BUILDING AREA	960 SF	1440 SF	1920 SF
STRUCTURAL DESIGN	RIGID FRAME	RIGID FRAME	RIGID FRAME

APPLICABLE CODES

TITLE 24, CCR, PART 2, 1995 CBC (94 UBC W/95 CA AMENDMENTS)
1994 UBC & 1995 CA AMENDMENTS (95 CBC – PART 2, TITLE 24, CCR)
1993 NEC & 1995 CA AMENDMENTS (95 CEC – PART 3, TITLE 24, CCR)
1994 UMC & 1995 CA AMENDMENTS (95 CMC – PART 4, TITLE 24, CCP)
1994 UPC & 1995 CA AMENDMENTS (95 CPC – PART 5 TITLE 24, CCR)
1994 UNIFORM FIRE CODE W/ STATE AMENDMENTS (CALIFORNIA FIRE CODE – PART 9, TITLE 24, CCR)
1994 BUILDING STANDARDS CODE (95 STATE REFERENCED STANDARDS CODE – PART 12, TITLE 24, CCR)
TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
1/1	DETAIL ON SAME SHEET AS SYMBOL
1/2	DETAIL NUMBER (1) ON SHEET NUMBER (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
4/5	KEY NOTE NUMBER (4) ON SHEET NUMBER (5)
A/1	WALL PANEL TYPE "A" ON SHEET (1)
A/2	SECTION "A" ON SHEET (2)
1	REVISION / CHANGE IN DRAWING. NO. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
1	DOOR REFERENCE
A	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECT. 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

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

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
APP# 02 FLS RBC SS JP
DATE JAN 07 1999
FLS: P. ALLAIRE
ACP: J. Schaible

8/19/99
REVISED
ACP: G. Izoe
FLS: P. ALLAIRE
SSS JP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP#3 117168
AC FLS SS
Date AUG 04 2016
STKP-42 11/29/99

FILE # PC266 A00

PROJECT NO. JOB # 2986 24X40 CLASS LEASING (Bakersfield) STKP-42 121 - 24X40 CLASSROOMS

PC-266 3022 3183 2377 2506 2986

REVISIONS				Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
1								IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-266 AC FLS SS DATE ACS: D. FENLOSON SS: G. KAHN
3								
4								
5								

LICENSED ARCHITECT GEORGE C. EDWARDS No. C-15... REN. 9-30-99 STATE OF CALIFORNIA

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

PROJECT NUMBER:
JOB # 2986
CLASS LEASING

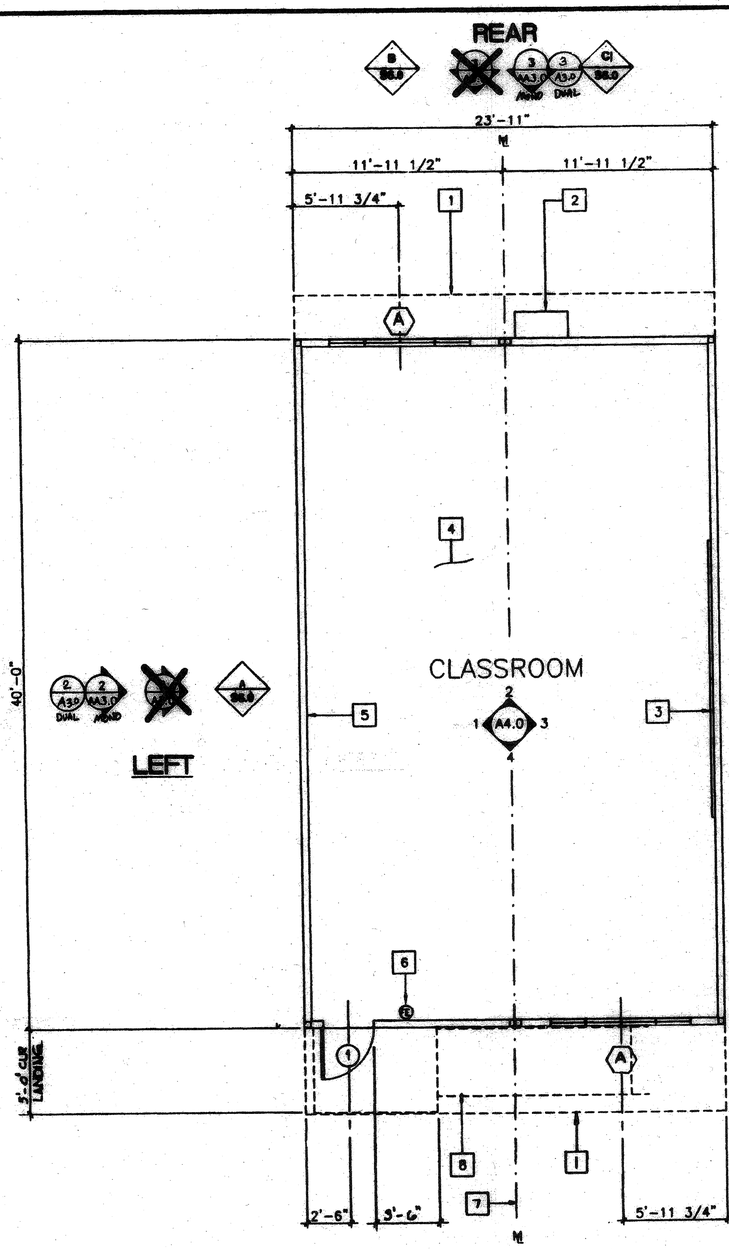
2- 24 x 40 CLASSROOM A# 04-100929
SERIAL # STOCKPILE 42
BRENTWOOD UNION SCHOOL DISTRICT

drawn by: 4012-088
date: 05 JAN 99
checked by:
date:
Modtech project no:

MODTECH Index No.

COVER SHEET

A0.0



KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT - SEE MECH. SHEET
3. 2- 8'X4' MARKER BOARDS (SEE SPEC'S)
4. FINISH FLOORING: (SEE FINISH SCHED.) A5.0
5. TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE) A5.0
6. FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. BRACKET. HANDLE AT 48" A.F.F.
7. MODLINE (ML TYPICAL)
8. LINE OF RAMP/LANDING SEE R1.0 & R2.0 RAMP EXTENSIONS MAYBE ADDED TO WORK WITH FINISH GRADES.

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, ROOF & 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 FLAMESPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS: 1. FOAM PLASTIC INSULATION SHALL COMPLY WITH SEC. 2602 2. WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES I, II, 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. (SEC. 707.3 CBC.)
3. FRONT WALL
   A: AS SHOWN
   B: OPPOSITE

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Date AUG 04 2016
STKP-42
11/24/98
3022 3183
2506 2377
2986
PROJECT NO.

FLOOR PLAN (24' X 40')

A: AS SHOWN B: OPPOSITE SCALE 1/4"=1'-0"

REVISED

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal	Division of the State Architect
1				LICENSED ARCHITECT GEORGE C. EDWARDS JR. EXP. 9-30-98 STATE OF CALIFORNIA	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 566 AC FLS SS TN DATE JAN 25 1999
2					
3					
4					
5					

MODTECH INC.
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PROJECT NUMBER: 2986

drawn by: 4012-088
date:
checked by: 05 JAN 99
date:
modtech project no:

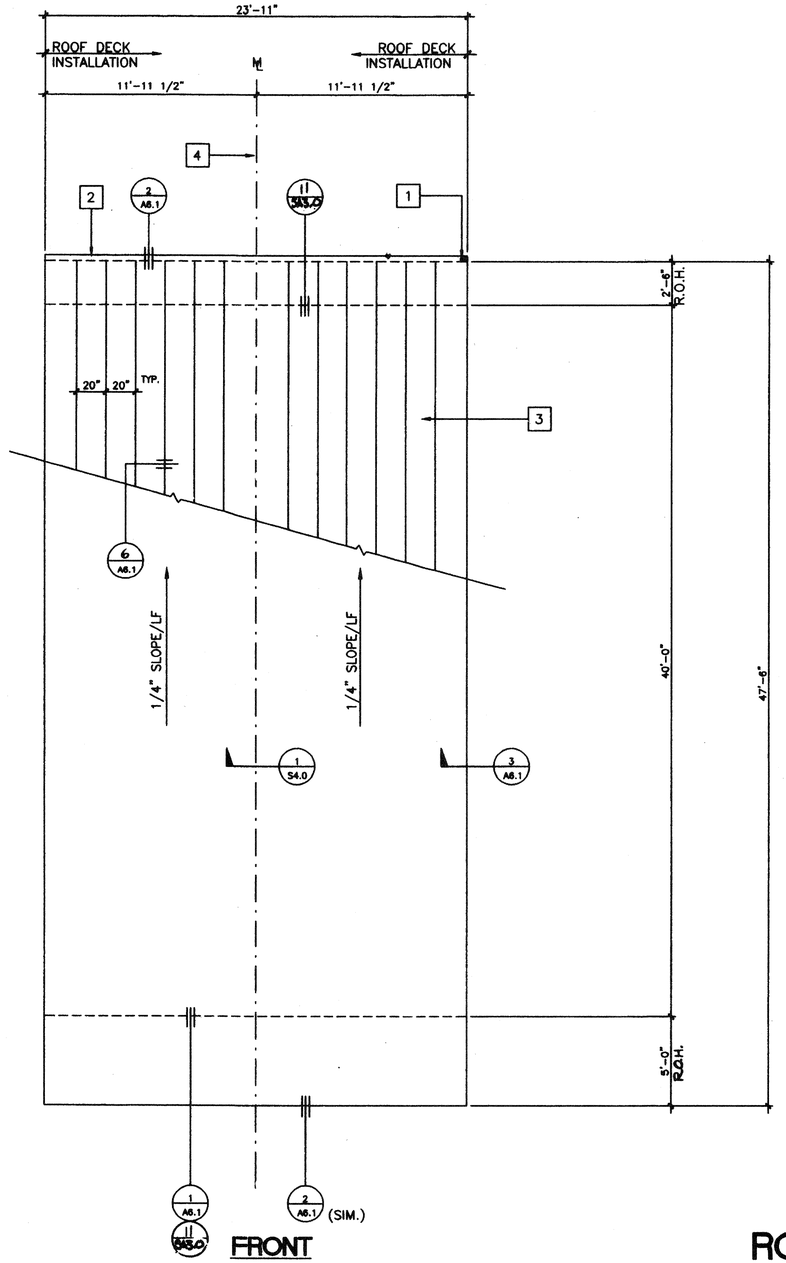
MODTECH Sheet No.

FLOOR PLAN

A1.0

PC-256

REAR



LEFT

RIGHT

FRONT

ROOF PLAN (MONO SLOPE)

(24' X 40')

SCALE 1/4"=1'-0"

REVISED

KEY NOTES

1. DOWNSPOUT TYPICAL FOR (1) SEE 8/A6.1
2. CONTINUOUS GUTTER
3. 26GA. MIN. INTERLOCKING ROOF PANELS OVER 3/4" CDX PLYWOOD OVER AQUA BAR 15 (MH1) ROOFING UNDERLAYMENT RADCO LISTING #1109
4. MODLINE
5. NOT USED

NOTES

1. BUILDING HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN TABLE 15A. C.B.C. CLASS A

FILE # P266AA20.DWG

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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DATE JAN 07 1999

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APP# 3 117168
AC FLS SS TN
Date AUG 04 2018

STKP-42M 11/24/98

REVISIONS			Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
1							
2							
3							
4							
5							

Structural Engineer's Seal: No. 3682 — LICENSED STRUCTURAL ENGINEER — 9-30-99 — STATE OF CALIFORNIA

Architects Seal: LICENSED ARCHITECT — GEORGE C. EDWARDS — 9-30-99 — STATE OF CALIFORNIA

Division of the State Architect: IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES — PC-266 — AC FLS SS — DATE JAN 25 1999

MODTECH INC.
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PROJECT NUMBER: 2986

drawn by: 4012-088
date: 05 JAN 99
checked by:
date:
Modtech project no: 2986

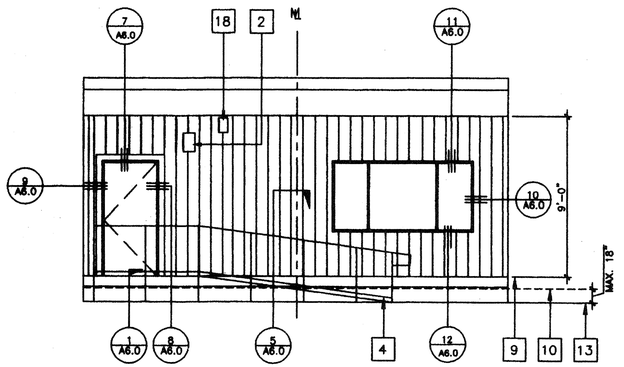
MODTECH Index No.

AA2.0

PROJECT NO. 2986

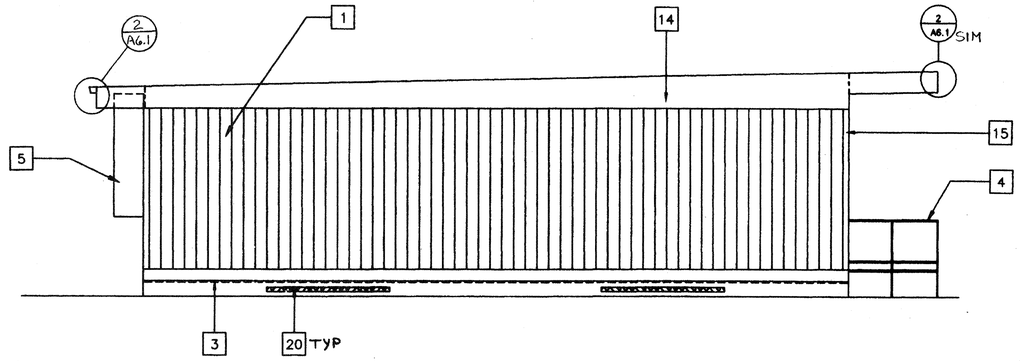
PC-266

ROOF PLAN



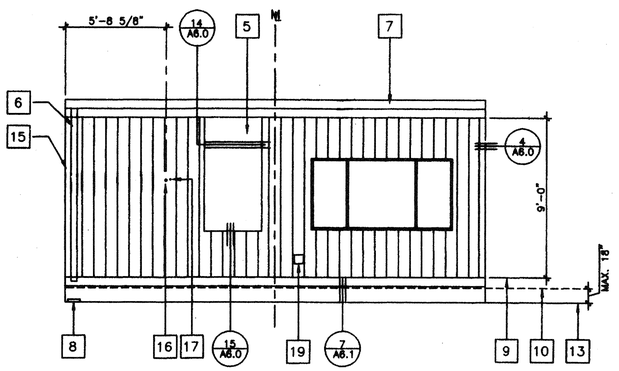
1 FRONT ELEVATION

SCALE 1/4"=1'-0"



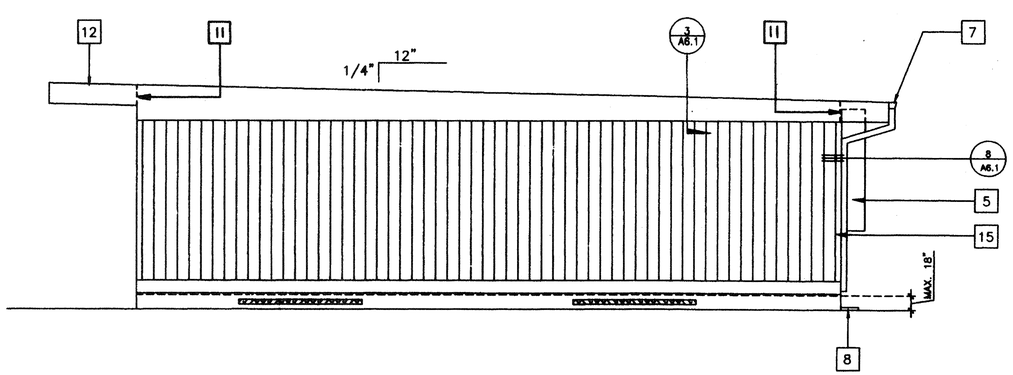
2 LEFT SIDE ELEVATION

SCALE 1/4"=1'-0"



3 REAR ELEVATION

SCALE 1/4"=1'-0"



4 RIGHT SIDE ELEVATION

SCALE 1/4"=1'-0"

KEY NOTES

1. TYPICAL EXTERIOR SIDING (SEE SPEC'S)
2. EXTERIOR LIGHT FIXTURE (SEE SPEC'S)
3. TOP OF SKIRTING
4. RAMP AND LANDING SEE SHT. R-1
5. HVAC UNIT (HV)
6. DOWNSPOUT (TYP.) FOR (1). FASTEN TO BLDG.TYP. 3 PLACES (SEE 8/A6.1)
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8. SPLASH BLOCK (BY OTHERS)
9. FINISH FLOOR LINE
10. BOTTOM FLANGE OF FLOOR BEAM
11. ROOF HEADER
12. ROOF OVERHANG
13. FINISH GRADE
14. ROOF BEAM (STR)
15. COLUMN (STR)
16. ELECTRICAL STUB-OUT (EL)
17. GROUND STUB-OUT (EL)
18. J BOX FOR FA HORN (EL)
19. GUTTER BOX. (EL)
20. FOUNDATION VENT (SEE FOUNDATION PLAN FOR SIZE & LOCATION

NOTES

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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AC FLS SS
DATE JAN 07 1999

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APP#3 117168
AC FLS SS TN
Date AUG 04 2016
STKP-42M
11/24/98

FILE # P266AA30

REVISED

24' X 40' (MONO SLOPE)

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSED STRUCTURAL ENGINEER
EXPIRES 9-30-99

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDMAN
No. 9356
REN. 9-30-99
STATE OF CALIFORNIA

Division of the State Architect
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-266
AC FLS SS
DATE JUN 25 1997

MODTECH INC.
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PROJECT NUMBER: 2986

drawn by: AO12-088
date:
checked by: 05 JAN 99
date:
Modtech project no: 2506

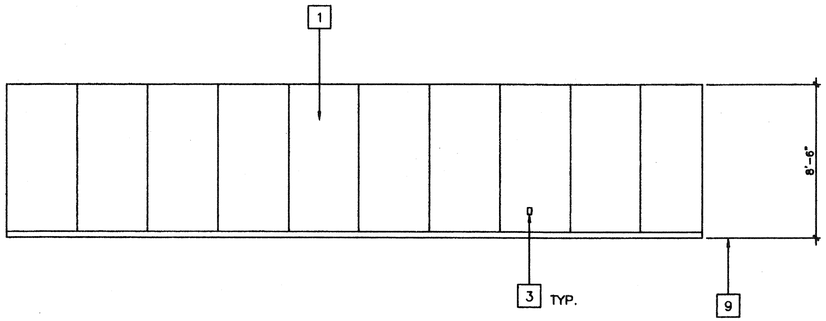
MODTECH Index No.

EXTERIOR ELEVATIONS

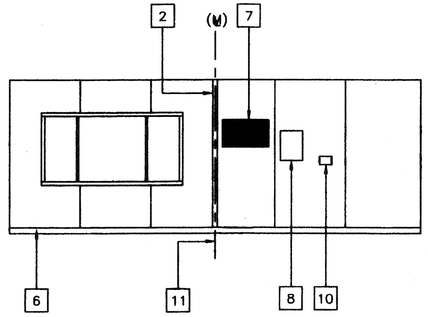
AA3.0

PROJECT NO. 296

PC-266



1



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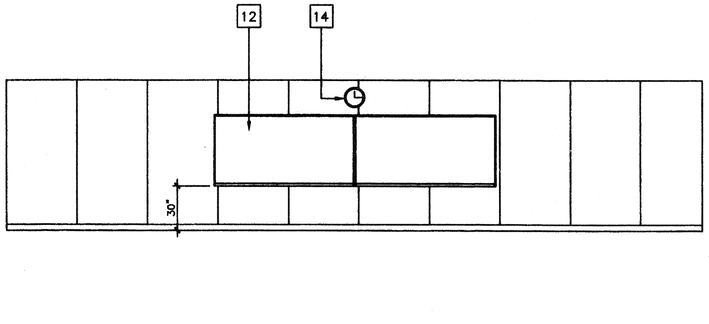

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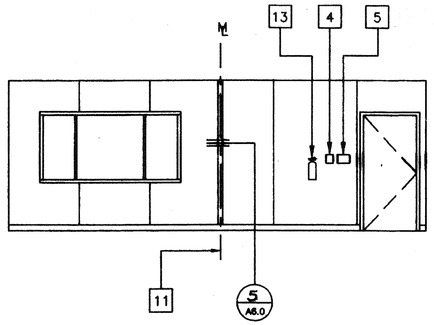

4

KEY NOTES

1. TYPICAL INTERIOR FINISH (SEE A5.0)
2. CLOSURE AT MODULAR JOINT
3. DUPLEX WALL RECEPTACLE (EL)
4. FIRE ALARM PULL STATION (EL)
5. LIGHT SWITCH (EL)
6. TOP SET BASE (TYPICAL) SEE FINISH SCHED.
7. RETURN AIR GRILL
8. ELECTRICAL PANEL (EL)
9. FINISH FLOOR
10. THERMOSTAT (HV)
11. MODULAR JOINT
12. 8040 MARKBOARD. TYPICAL FOR (2)
13. FIRE EXTINGUISHER: 5LBS. DRY CHEMICAL WITH 2A–10BC U.L. RATING ON WALL MTD. BRACKET, HANDLE AT 48" A.F.F.
14. 12" DIA. ELECTRIC CLOCK. (EL)

INTERIOR ELEVATIONS (24' X 40')

SCALE 1/4"=1'-0"

REVISED

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DIV. OF THE STATE ARCHITECT
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AC. FLS SS
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DIV. OF THE STATE ARCHITECT
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AC. FLS SS
Date AUG 04 2016
STKP-42
11/14/98

FILE # P266 A40.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. ERMATINGER C 2956 REN. 9-30-98 STATE OF CALIFORNIA

Division of the State Architect

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-266
AC. FLS SS
DATE JUN 25 1997

MODTECH INC.
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PROJECT NUMBER: 2986

drawn by: 4012-088
date:
checked by: 05 JAN 99
date:
Modtech project no: 2986

MODTECH Index No.

INTERIOR ELEVATIONS

A4.0

PROJECT NO. 2986

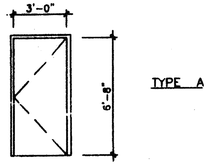
PC-266

DOOR SCHEDULE

DOORS							FRAMES					
DOOR NUMBER	FRAME OPENING SIZE	MATERIAL	TYPE	FIRE RATING	HARDWARE SET NO.	QUANTITY	MATERIAL	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	JAMB THROAT	NOTE NO.
1	3'-0" X 6'-8"	HM	A	NA	1		HM	7/A6.0	8/A6.0	1/A6.0	5-1/8"	

HM – HOLLOW METAL
AL – ALUMINUM
SST – STAINLESS STEEL
STL – STEEL FRAME. 16ga, FULLY WELDED, GALV @ EXTERIOR, REPUBLIC "ME" SERIES. PAINT TO
WWF – WINDOW WALL FRAME
SC – SOLID CORE WOOD
HC – HOLLOW CORE WOOD
SCL – SOLID CORE WOOD (LEGACY)

DOOR ELEVATIONS



TYPE A

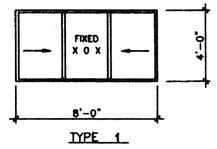
DOOR NOTES

1. DOOR HANDLES FOR LOCKSETS TO BE CENTERED @ 40" AFF & DEADBOLTS @ 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 UNO
   DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
3. CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 8.5 LBS @ EXTERIOR DOORS AND 5.0 LBS @ INTERIOR DOORS.
4. PLACE SIGN OVER EXIT DOORS: "THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS" SIGNAGE IS NOT IN MODTECH CONTRACT

WINDOW SCHEDULE

AMT.	TYPE	WIDTH	HEIGHT	FINISH	GLASS TYPE	WIN. NO.
2	1	8'-0"	4'-0"	ANODIZED	7/32" MIN, SOLAR GRAY 46%, DUAL GLAZE	A

WINDOW ELEVATIONS



TYPE 1

WINDOW NOTES

1. 8040 XOX ANODIZED ALUMINUM, DUAL GLAZING, 7/32" MIN TEMPERED GLASS OF SOLAR GRAY WITH A LIGHT TRANSMISSION FACTOR OF 46%, ALL OPERABLE SASH SHALL HAVE SCREENS.

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FINISHES								REMARKS
		FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	
				FRONT	LEFT	REAR	RIGHT			
1	CLASSROOM	A	D	F	F	F	F	L	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" BURKE
E – TOP SET BASE. 6" BRIGANTINE OR SANDOVAL
F – WALL FINISH. 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING
G – 1/2" W.R. GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
H – 3/8" W.R. GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
I – T/2" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
J – 3/8" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
K – 3/32" F.R.P. OVER 1/2" W.R. GYP BOARD
L – ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

FINISH NOTES

1. SUB-FLOOR PREP:

PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4.1 PLYWOOD. OUTER PLY IS PLUGGED AND TOUCH SANDED, ANY DEFORMATIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTER. THE JOINT AT THE MODULEJOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

NOTES

1. ALL FINISHES SHALL COMPLY WITH C.B.C. CHAPTERS 3,6,7,8, & 10 & C.F.C. & TITLE 19 C.C.R.

HARDWARE SCHEDULE

HARDWARE SET #1 (FOR 36x40 BLDG'S. & 48x40 BLDG'S. USE HARDWARE SET #7)
LOCKSET – SCHLAGE D70PD, RHODES LEVER, OR EQUAL
BUTTS – 1-1/2 PAIR HAGER 1279 BB 4-1/2 x 4-1/2 NRP 26D OR EQUAL.
CLOSER – NORTON 8501 BFDP / 900 BFDP CAL ROYAL OR EQUAL.
THRESHOLD – PEMCO 271A OR EQUAL.
DOOR BOTTOM – PEMCO 216AV OR EQUAL.
WEATHERSTRIP – PEMCO 299AV OR EQUAL.

HARDWARE SET #2 (INTERIOR PASSAGE)
LOCKSET – SCHLAGE D10S WITH RHODES LEVER, OR EQUAL
BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 OR EQUAL.

HARDWARE SET #3 (INTERIOR / OFFICE LOCKABLE)
LOCKSET – SCHLAGE D53PD, WITH RHODES LEVER OR EQUAL
BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

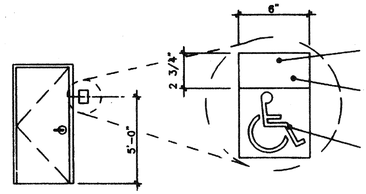
HARDWARE SET #4 (INTERIOR /DOUBLE CLASSROOM LOCKABLE)
LOCKSET – SCHLAGE D66PD, WITH RHODES LEVER OR EQUAL
BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

HARDWARE SET #5 (INTERIOR TOILET ROOM / PRIVACY)
LOCKSET – SCHLAGE D40S OR EQUAL
BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

HARDWARE SET #6 (INTERIOR STOREROOM)
LOCKSET – SCHLAGE D80PD WITH RHODES LEVER OR EQUAL
BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

HARDWARE SET #7 (PANIC)
LOCKSET – VON DUPRIN 99L PANIC HARDWARE OR EQUAL
BUTTS – 1-1/2 PAIR HAGER 1279 BB 4-1/2 x 4-1/2 NRP 26D OR EQUAL.
CLOSER – NORTON 8501 BFDP / 900 BFDP CAL ROYAL OR EQUAL.
THRESHOLD – PEMCO 271A OR EQUAL.
DOOR BOTTOM – PEMCO 216AV OR EQUAL.
WEATHERSTRIP – PEMCO 299AV OR EQUAL.

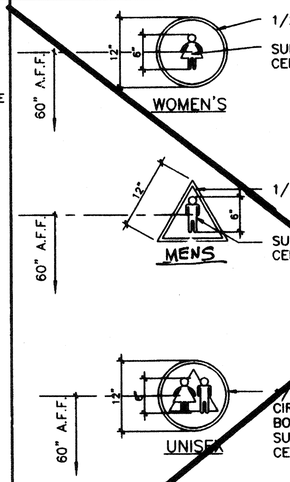
ACCESSIBILITY SIGNAGE (BY DISTRICT)



ROOM ID SIGN 1" WHITE LETTERING (HELVITICA)
CONTRACTED GRADE 2 BRAILLE DOTS 1/10" OC, 2'10" BTTN CELLS, SHALL BE RAISED A MIN. OF 1/40"
INTERNATIONAL SYMBOL OF ACCESSIBILITY. 6" HT.

ENTRY DOOR FROM EXTERIOR VIEW

ACCESSIBILITY SIGNAGE (AS REQUIRED - BY MODTECH)



NOTE:

ATTACH SIGNS USING THREE (3) WOODSCREWS, COUNTERSUNK AND ADHESIVE SIGN SHALL BE CENTERED ON DOOR AND MOUNTED 60" ABOVE FLOOR. ATTACHMMENT OF SIGN SHALL BE FULLY CONCEALED AND TAMPER RESISTANT.

RADIUS CORNERS
CLEAR ACRYLIC PLASTIC
OPAQUE WHITE ACRYLIC PLASTIC BACK
PAINT BACKGROUND OF INTERIOR FACE OF CLEAR PLASTIC

TOILET SIGNAGE

SYMBOLS SHALL BE CONTRASTING IN COLOR FROM THE DOOR.

1/4" THICK, 12" DIAMETER CIRCLE FOR BOTH WOMEN/UNISEX

1/4" THICK, 12" SIDES EQUILATERAL TRIANGLE FOR MEN

REVISED

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
AC. FLS SS
DATE JAN 07 1999

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP# 3 117168
AC. FLS SS TH
Date JAN 04 2016
STKP-42
11/24/98

REVISIONS			Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
1						LICENSED ARCHITECT GEORGE C. EDDY REG. NO. C 2956 STATE OF CALIFORNIA REN. 9-30-99	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-206 AC. FLS SS DATE JUN 05 1997
2							
3							
4							
5							

MODTECH INC.
2830 BARRETT AVENUE
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PH (909) 943-4014
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PROJECT NUMBER: 2986

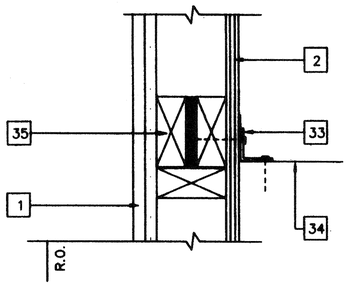
drawn by: 4012-088
date:
checked by: 05 JAN 99
date:
Modtech project no:

MODTECH Index No.

SCHEDULES

A5.0

PROJECT NO. 2986



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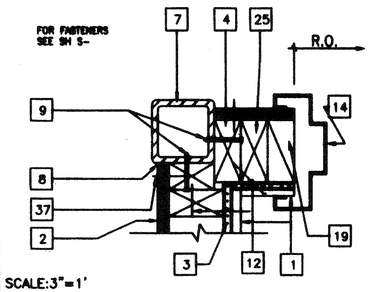
UNIT ATTACHMENT 13



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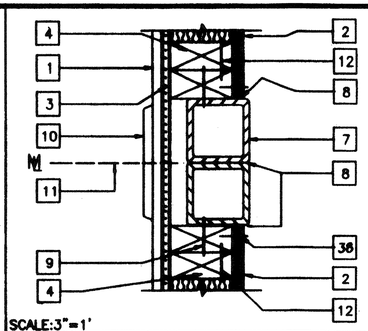
DOOR JAMB 9



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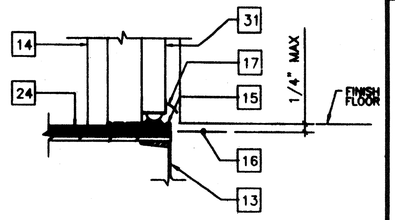
COLUMN @ MODLINE 5



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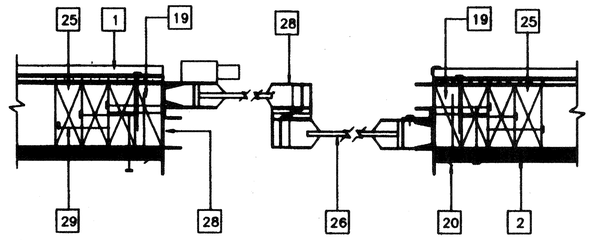
THRESHOLD 1



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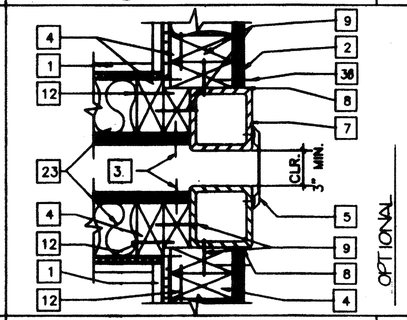
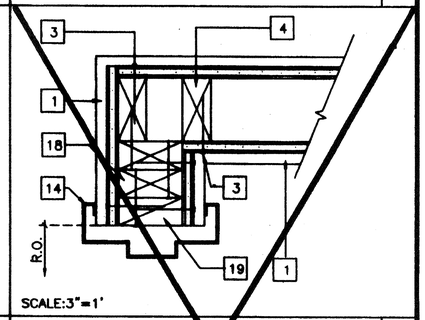
WINDOWS SECTION • JAMBS 10



CLOSURE BETWEEN BLDG'S 6



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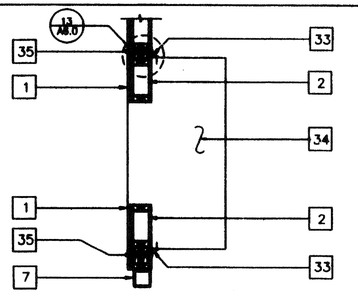
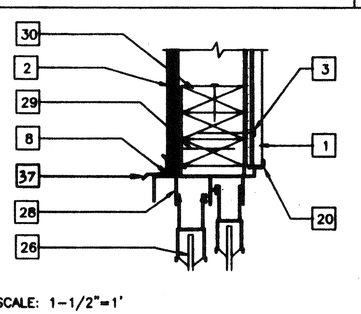
INTERIOR DOOR JAMBS 2



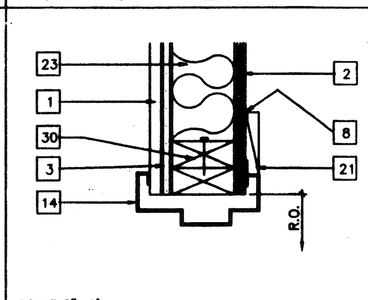
SCALE: NTS REF: SEE C/S5.0

A.C. UNIT (PLAN) 14



SCALE: 1-1/2"=1'

WINDOW HEADER 11



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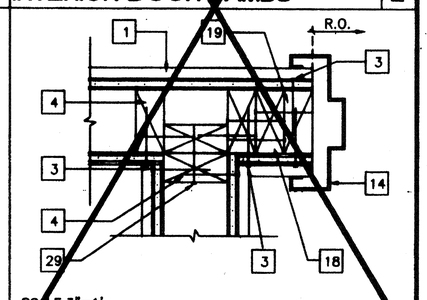
DOOR HEADER 7



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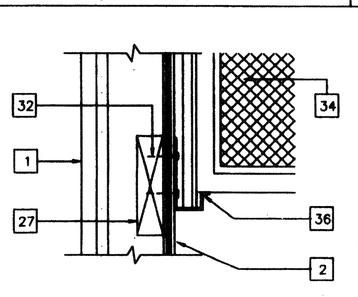
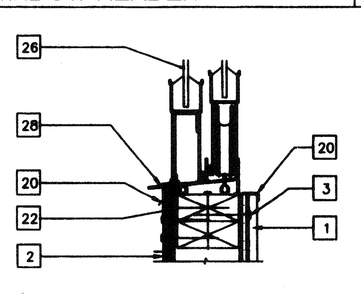
INTERIOR DOOR JAMBS 3



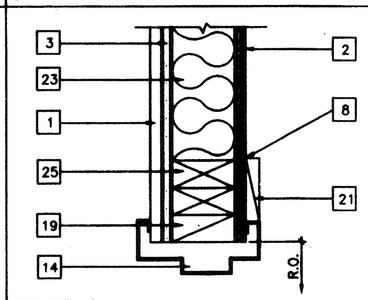
SCALE: 3"=1' REF: SEE C/S5.0

A.C. UNIT (BOTTOM) 15



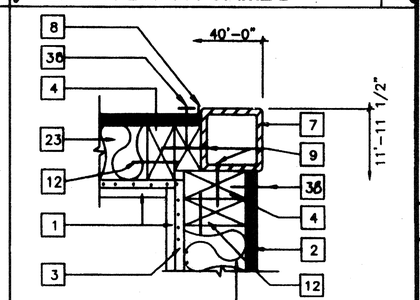
SCALE: 1-1/2"=1'

SILL PLATE REVISED 12



SCALE:3"=1'

DOOR JAMB 8



SCALE:3"=1'

CORNER COLUMN 4

KEY NOTES

1. TYP. INTERIOR FINISH (SEE FINISH SCHEDULE.)
2. TYP. EXTERIOR FINISH
3. 1/2" GYPSUM BOARD BACKING W/ 7d COOLER NAILS @ MAX 7" O.C. TYP. @ EA. STUD
4. 2X4 STUD TYP.@ 16" O.C. MAX.
5. WIRE MESH CLOSURE. ATTACH TO COLUMN W/#10 STSMS @ 12" O.C.
6. NOT USED
7. TUBE STEEL COLUMN (SEE STRUCTURAL)
8. SEALANT TYP. (SEE SPECS.)
9. #10 S.T.S.M.S. @ MAX. 24" O.C. (ALT. HILTI 0.145 SHOT PIN) 2X FILLER TO COLUMN
10. VINYL CLOSURE
11. MODULE JOINT
12. 16d @ 24" O.C. FACE NAIL OR 16d @ 12" O.C. TOE NAIL (SEE SHT. S5.2)
13. FLOOR BEAM (SEE STRUCTURAL)
14. PRESSED STEEL FRAME (K.D. TYPE SEE A5.0)
15. ALUMINUM THRESHOLD (SEE HARDWARE SCHEDULE)
16. FINISH LANDING SEE FLOOR PLAN & FOUNDATION FOR TYPE AND FINISH
17. DOOR BOTTOM (SEE HARDWARE SCHEDULE)
18. (2) 2X4 KING STUD NAILING SCHEDULE (SEE SHT. S5.1 FOR NAILING)
19. 2X4 TRIMMER (SEE SHT. S5.1 NAILING SCHEDULE FOR NAILING)
20. CORNER MOLDING
21. 1X4 WOOD TRIM W/8d ELECTRO GALV. @ 12" O.C.
22. 2-2X4 SILL PLATE W/16D @ 16" O.C.
23. INSULATION (SEE SPECS. FOR SIZE AND TYPE)
24. FINISH FLOORING (SEE FINISH SCHEDULE SHT. A5.0)
25. 2X4 JAMB STUDS (SEE SHT. S5.1 DETAILS FOR NUMBER OF STUDS REQUIRED AND NAILING SCHDULE FOR NAILING)
26. WINDOW GLAZING (SEE WINDOW SCHEDULE SHEET A5.0)
27. 2 X 6 LET IN (SEE WALL FRAMING SHT. S5.0)
28. ALUMINUM WINDOW FRAME WITH NAIL-ON FINISH. INSTALL W/MIN. 3" BLDG. PAPER BTWN. FIN. AND FRAMING. INSTALL WITH 8d @ MAX 24" O.C.
29. 16d BOX STAGGERED @ MAX 24" O.C.
30. HEADER (SEE SHT. S5.1 WALL FRAMING DETAILS)
31. DOOR (SEE DOOR SCHED.)
32. 6-3/8" Ø X 2" GALV.LAG SCREWS
33. L 1 1/2"x1 1/2"x1/8"x18" LONG (BY HVAC MFR) ATTACHED TO A/C W/4-#10 SELF TAPPING SHEET METAL SCREWS & ATTACH TO WALL W/3"@ X 2" GALV. LAG SCREWNS.
34. SIDE OF HVAC UNIT (SEE SHEET M-1)
35. (3) 2X4 W/ PLYWOOD SPACER- BUILT- UP POST. 8d @ O.C. STAGGERED SPACER TO FIRST 2 X 4.16 d @ 12" O.C 2 nd 2 X 4. 12d @12" O.C. STAGGERED 3rd. 2 x 4. ALTERNATE USE 4 X 4 POST.
36. 11GA.X 24" STEEL SUPPORT BRACKET.
37. DRIP FLASH
38. 8d EN @ 6" O.C.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES AC FLS SS DATE JAN 07 1999

NOTES

1. EN 8d ELECTRO GALV. @ 6" O.C.
2. FN 8d ELECTRO GALV. @ 12" O.C.
3. SEE SHEET S5.1 FOR TYPICAL WALL FRAMING NAILING

STKP-42

11/21/98

REVISIONS

1			
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3			
4			
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal — LICENSED ARCHITECT GEORGE C. EDWARDS REN. 9-30-98 STATE OF CALIFORNIA

Division of the State Architect — IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-266 AC FLS SS TN DATE JUN 25 1997

MODTECH INC.
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PROJECT NUMBER: 2986

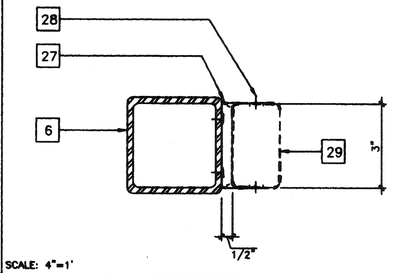
DIV OF THE STATE ARCHITECT
APP#3 117 160
AC FLS SS TN
Date AUG 04 2018

drawn by:
date: 4012-088
checked by:
date: 05 JAN 99
MODTECH project no:

MODTECH Index No.

ARCHITECTURAL DETAILS

A6.0



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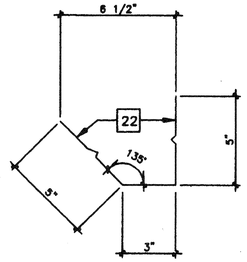
DOWNSPOUT ATTACHMENT 8



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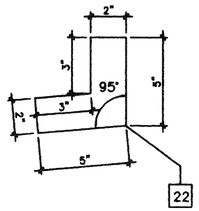
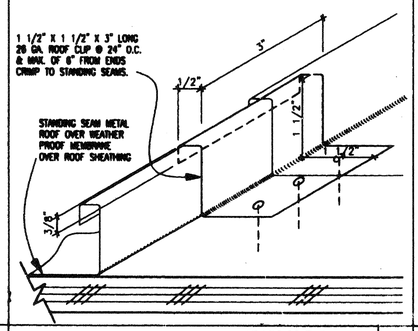
CONTIN'S GUTTER 9

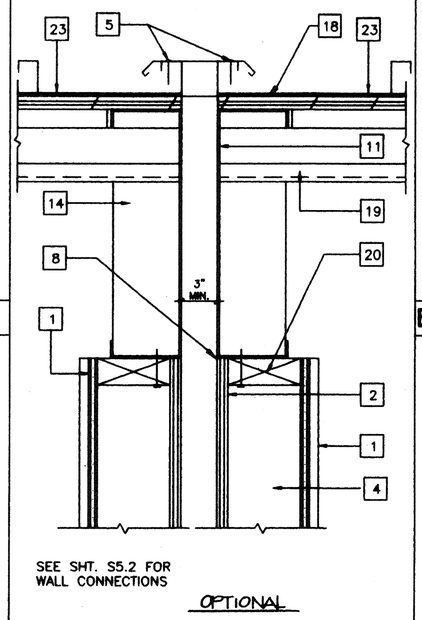


SCALE: 3"=1'

CONTIN'S GUTTER AT BEND 10

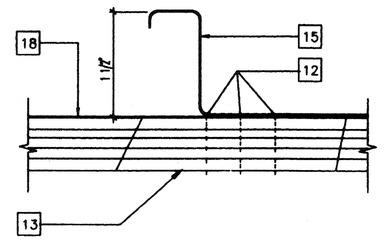


REVISED 11



SCALE: 3"=1'

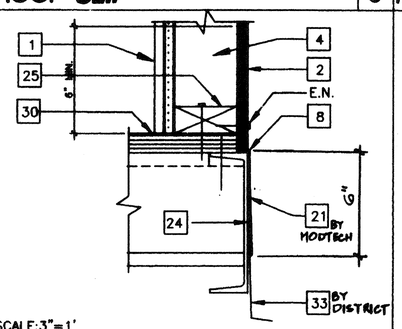
ROOF CAP AT SEP. 5



SCALE: FULL

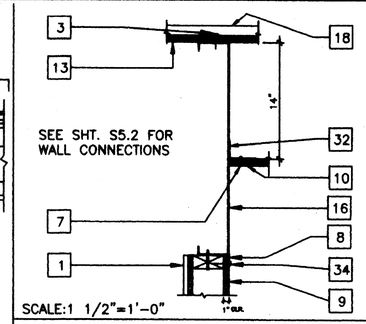
SEE 11/AG.1

ROOF CLIP 6



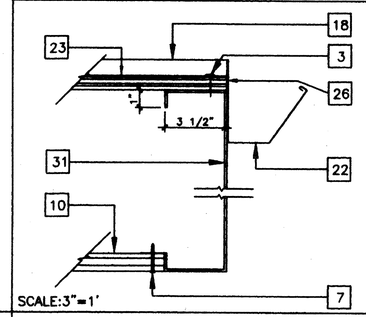
SCALE:3"=1'

TYPICAL SILL AT FLOOR 7



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

END WALL AT ROOF 1



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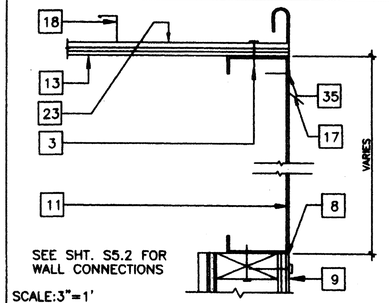
GUTTER AT RF. FACIA BM. 2



SCALE:3"=1'

ROOF FLASHING AT RF.BM. 3

4

KEY NOTES

1. TYP. INTERIOR FINISH
2. TYP. EXTERIOR FINISH
3. E.N. RF: PLYWOOD TO BEAM (STR) (DO NOT PENETRATE METAL ROOFING)
4. 2X4 STUD TYP.
5. CAP CLOSURE @ RIDGE 26GA. GALV. W/#10 STSMS @ 12" TAGGER W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE SET CAP IN SEALANT.
6. TUBE STEEL (STR)
7. #10 S.T.S.M.S. @ 6" O.C.EN & 12" O.C. FN / ALT. USE AEROSMITH AKN 144.0175 DRIVE PIN.
8. SEALANT TYP. (SEE SPECIFICATIONS)
9. EXTERIOR WALL (SEE S5.2 FOR CONNECTIONS)
10. SOFFIT (SEE SPECIFICATIONS)
11. ROOF BEAM (STR)
12. .080 X 1 1/2" SCREW SHANK NAILS ROOF CLIP TO ROOF DECKING (SEE NOTE 18 FOR ROOF CLIP)
13. PLYWOOD ROOF SHEATHING (STR)
14. FULL DEPTH STIFFENER PLATE (SEE (STR) FOR LOCATION)
15. ANCHOR CLIPS @ 24" O.C. & WITHIN 6" @ END OF ROOF DECKING
16. ROOF HEADER (STR)
17. G.I. FLASHING 22GA.
18. STANDING SEAM ROOF (SEE A2.0 FOR GA.)
19. ROOF PURLIN (STR)
20. CONTINUOUS 2X4 TOP PLATE
21. GALV. FLASHING (ONLY AT CONCRETE BELOW GRADE FOUNDATION)
22. CONTINUOUS 26GA. GUTTER
23. WEATHERPROOF MEMBRANE (25-30LBS. ASPHALT COATED)
24. FLOOR BEAM (STR)
25. 2X4 SILL PLATE ATTACHED PER 4/S5.2
26. SEALANT @ END OF SEAM
27. ATTACHMENT BRACKET (TYP. 3-PLACES, TOP,BTM., & MIDSPAN W/2-#10STSMS BRACKET TO COLUMN)
28. POP RIVETS MIN. 1/8"ø
29. DOWNSPOUT
30. PLYWOOD FLOOR SHEATHING
31. ROOF FACIA HEADER (STR)
32. 1/2"X1 1/2"X14GA.< TACK WELD IN PLANT
33. GALVANIZED COUNTER FLASHING (BY OTHERS)
34. EN (8d ELECTRO GALV. @ 6" O.C.)

IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICES
PC 266
AC FLS SS
DATE JAN 07 1999

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP#3 117168
AC FLS SS TN
Date AUG 04 2015

STKP-42 11/24/98

FILE # P266 A61.DWG

PROJECT NO. 2486

REVISIONS

1			
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
No. 3602
LICENSE EXPIRES 6-30-

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C-12956
REN. 9-30-99
STATE OF CALIFORNIA

Division of the State Architect
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 266
AC FLS
DATE JAN 25 1999

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PROJECT NUMBER: 2986

drawn by: 4012-088
date:
checked by: 05JAN99
date:
Modtech project no: 2986

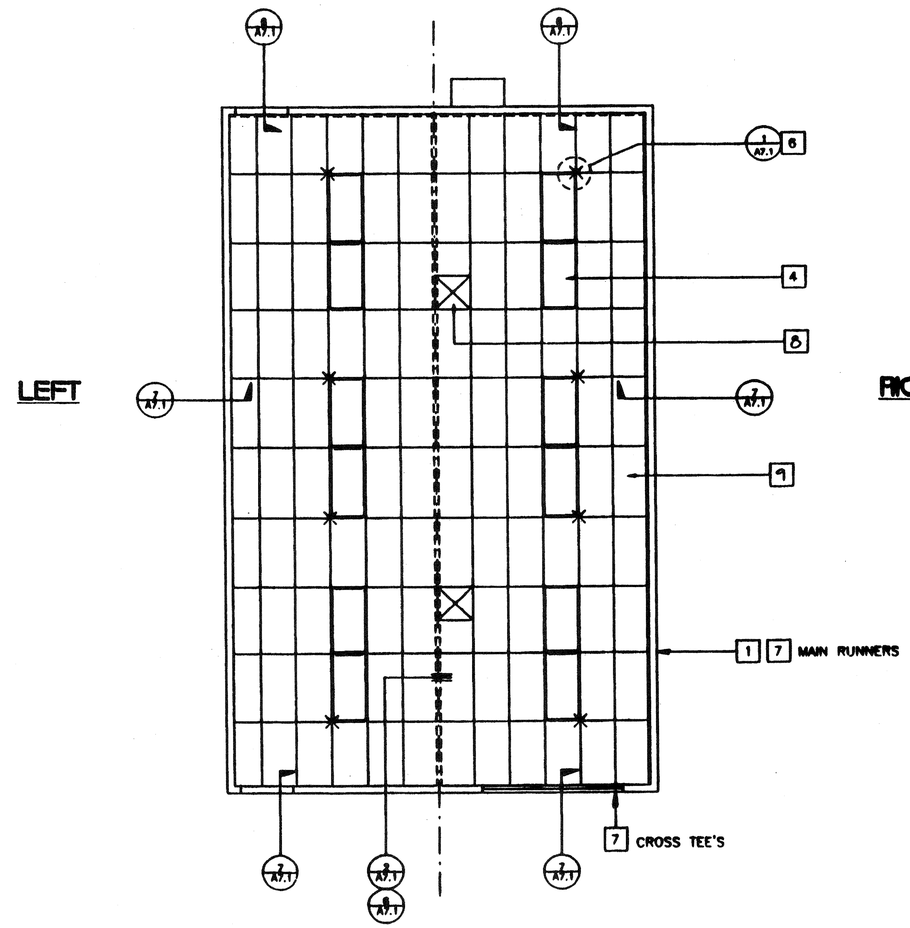
Modtech index No.

ARCHITECTURAL DETAILS

A6.1

PC-266

REAR



FRONT

REFLECTED CEILING PLAN

SCALE 1/4"=1'-0"

24' X 40'

REVISED

KEY NOTES

[1] MAIN RUNNERS @ 4'-0" W/12GA. HANGER WIRES @ END OF EACH RUNNER.

[2] NOT USED

[3] NOT USED

[4] PROVIDE 2-12GA. SLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES AT DIAGONAL CORNERS. WIRES SHALL BE ATTACHED TO STRUCTURE OF LIGHT FIXTURES: 2'X 4' RECESSED. ATTACH FIXTURE TO GRID W/1-#8 SHEET METAL SCREW AT EACH CORNER.

[5] NOT USED

[6] CEILING AREAS SHALL HAVE 4-WAY SPLAYS PER DETAIL 1 ON SHEET A7.1 IN LOCATIONS INDICATED ON DRAWING WIRES TAUT BUT NOT TO DISTORT GRID.

[7]

T-BAR PART NUMBERS

	ARMSTRONG FA-24	CHICAGO METALLIC FI-24	USG FI-24
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

[8] REGISTERS SHALL BE POSITIVELY ATTACHED W/4-10GA SHEET METAL SCREWS. (TYP. 1- @ EA. CORNER)

[9] CEILING PANELS: 2 X 4 LAY-IN PANELS. ASTM FLAME SPREAD CLASS 1 (0-25). FLAME SPREAD SMOKE DEVELOPMENT DENSITY LESS THAN 450 (TYP.)

NOTES

1. AT THE END OF ROWS OF RUNNERS A 12GA. HANGER WIRE SHALL BE ATTACHED WITHIN 8" OF WALL OR SOFFIT.
2. VERTICAL WIRES MORE THAN 1-IN-6 OUT OF PLUMB SHALL HAVE COUNTERBRACING 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.

LEGEND

T & T BAR CEILING

2'X 4' ELEC. FIXTURE RECESSED

SUPPLY AIR DIFFUSER

SPLAY WIRE

INDICATES FIXED SIDE (SEE DETAIL 7/A7.1)

INDICATES FREE SIDE (SEE DETAIL 6/A7.1)

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES [redacted]9 AC FLS RPK SS DATE JAN 07 1999

STKP-42 11/24/98

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 REN. 9-30-99 STATE OF CALIFORNIA

Division of the State Architect — DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 206 AC FLS SS DATE JUN 0 5 1998

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

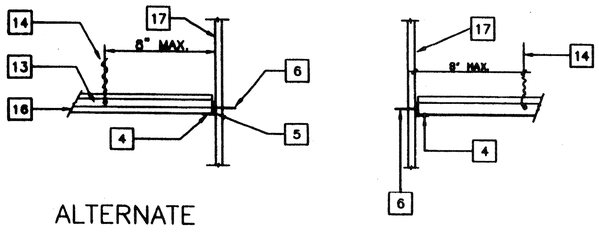
PROJECT NUMBER 2986

IDENTIFICATION STAMP DIV OF THE STATE ARCHITECT APP# 3 117168 AC FLS SS TN DATE JAN 04 2018

drawn by: date: 4012-088
checked by: date: 05JAN99
Modtech project no: 2986

REFLECTED CEILINGPLAN

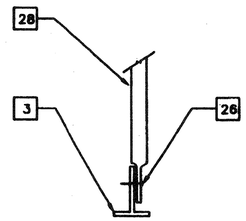
MODTECH Sheet No. A7.0



ALTERNATE

TYPICAL FIXED SIDE

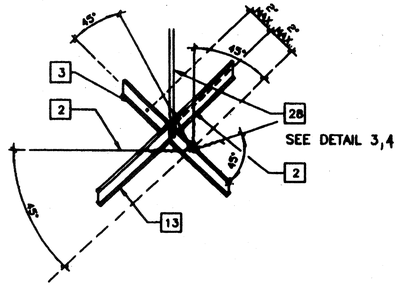
7



NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR, DEPENDING UPON CONDITION & LOCATION 5'-1" MAX LENGTH

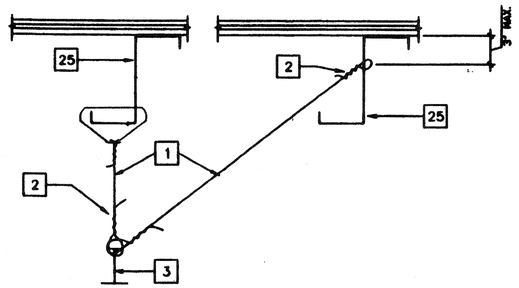
ALT. CONN. AT BOTTOM

4



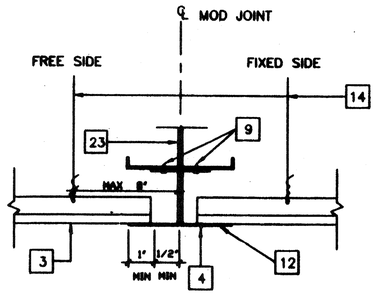
SIESMIC SPLAY - 4 WAY

1



TYP. HANGER WIRE

5

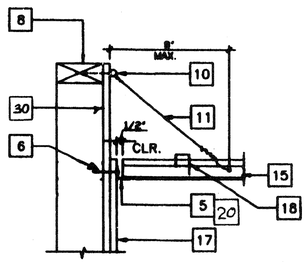


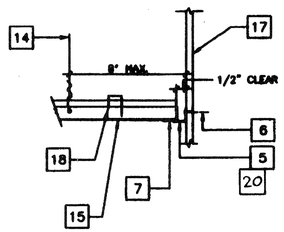
NOTE: LAY-IN CEILING TILE NOT SHOWN FOR CLARITY.

GRID AT MOD LINE

SCALE 3"=1'

2

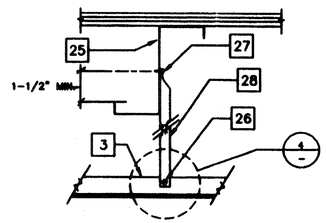




ALTERNATE

TYPICAL FREE SIDE

6



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

3

KEY NOTES

1. 12GA. HANGER WIRE @ 4'-0" O.C. IN PUNCHED OR DRILLED HOLE
2. 12GA. WIRE WITH 4 WRAPS IN 1 1/2" (TYP.) WIRE TO RUN PERPENDICULAR TO MAIN TEE
3. MAIN RUNNER
4. 1/8"ø POP RIVET TO EACH T-BAR
5. WALL ANGLE
6. 6d 16" @ FRAMING TO WALL STUD
7. ANGLE WITH 1/8"ø POP RIVET TO EACH T-BAR NO CONNECTION TO WALL ANGLE
8. TOP PLATE
9. #10 S.T.S.M.S. @ 4' O.C.
10. 3"X1/4" EYED SCREW W/2" EMBEDMENT
11. HANGER TO WALL WHERE NO RAFTER ABOVE MAX SLOPE 1" IN 6"
12. 26 GA. REFLECTED CEILING MOUNT X 2" ⊏
13. CROSS TEE
14. 12GA. HANGER WIRE AT THE END ON EACH RUNNER MIN. 4 WRAPS IN MAX 1 1/2"
15. MAIN RUNNERS OR CROSS TEES
16. ACOUSTICAL BOARD
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. NOT USED
20. NO POP RIVETS
21. NOT USED
22. NOT USED
23. NOT USED
24. NOT USED
25. ROOF PURLIN (STR)
26. CRIMP CONDUIT AND ATTACH TO T-BAR GRID W/#8 TEKSCREWS
27. CRIMP CONDUIT TO RAFTER W/2-#8 TEKSCREW
28. 3/4" E.M.T. CONDUIT
29. NOT USED
30. EXTEND GYP BRD TO ROOF

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES AC FLS SS TN DATE JAN 07 1999

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP#3 117168 AC FLS SS TN Date AUG 04 2016

STKP-42 11/24/98

FILE # P266 A7.1.DWG

REVISED

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
1				LICENSED ARCHITECT GEORGE C. EDWARDS JR. No. C 2956 REN. 9-30-99 STATE OF CALIFORNIA	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-266 AC FLS SS TN DATE JAN 07 1999
2					
3					
4					
5					

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

PROJECT NUMBER: 2986

drawn by: 1012-088
date: 05JAN99
checked by:
date:
project no: 2986

REFLECTED CEILING DETAILS

A7.1

PROJECT NO.

PC-266

CLASS LEASING, LLC.

1221 Harley Knox Blvd. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

SPECIFICATIONS
RELOCATABLE CLASSROOMS

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.

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 1-07. 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 B18.2.1-2012 & 2012 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 2012 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 2012 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 11J 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 2012 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 11L 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 2012 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, to 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

11. Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members that comply with CBC 2303.1.8.1. All foundation members shall be marked as "For ground contact" or "For above ground use" as appropriate. Pressure treated material shall comply with AWPA Standard U1 as required by CBC 2303.1.8. Treat all cut ends of pressure treated members with an approved preservative. (Willard WB 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.

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.

18. Tie plates shall conform to A-1011 Grade 33.

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. Field Welding for welded tie plate option. (If used, requires Test and Inspection.)

   The example form DSA 103's shown on this sheet are for illustration purposes only.
   A form DSA 103 is to be completed for each application that this PC is being incorporated into and all example form DSA-103's are to be crossed out on this drawing.

3. 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 installing on-site, modular Relocatable buildings as defined herein, shown and detailed on the drawings.

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 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.

DSA — DEPARTMENT OF GENERAL SERVICES

DSA-103 (rev 10/2013)

Statement of Structural Tests & Special Inspections - 2013 CBC

INCREMENT #: DSA File No.: Application No.:
Date Submitted: Revised: Revised:

School Name	SAMPLE FOR WELD PLATE OPTION ONLY	District

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all items of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, exchange of non-structural components, etc., per Title 24, Part 2, Chapter 17A. NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click in plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

INSPECTION	TEST OR SPECIAL INSPECTION	TYPE	WITNESSING	CODE REFERENCES AND NOTES
+	**SOILS**			
+	**CONCRETE**	Table 1705.3		
+	**MASONRY**	1922.5(b)-1104(3.6)(b)-1104CBC 8-01 Table 1.19.3		
-	**STEEL**	Table 1704A.3.1		
-	**17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES**			
	Material Verification:			
X	a. Verify that all materials are appropriately marked and that: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements.	Periodic	*	* By special inspector when performed off-site; by project inspector for steel shipped directly to project site without welding or fabrication.
X	b. Test unidentified materials.	Test	Lab	1.19.3.1, 4.2.2.2(6) ("I" ASTM A370)
	Inspection:			
X	c. Verify member locations, bracing and all details constructed in the field.	Continuous	PI	
X	d. Verify stiffener locations, connection bolt bearings and all construction details fabricated in the shop.	Periodic	SI	
-	**19. WELDING**			DSA IR 17-5, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).
	Verification of Materials, Equipment, Welders, etc:			
X	a. Verify that material identification markings per AWS designation listed on the DSA approved drawings and the WPS.	Periodic	SI -	
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-5.
-	**19.2 FIELD WELDING:**			
X	a. Inspect shear wave filet welds 4 5/16"	Periodic	* SI	Per AISC 360 (and AISC 341 as applicable), DSA IR 17-5.
+	**WOOD**			
+	**OTHER**			

1. Field Welding Inspection: Special Inspection Verified Report - Form DSA-295.

KEY to Columns

1 Type -	2 Performed By -
Continuous – Indicates that a continuous special inspection is required	SI – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic – Indicates that a periodic special inspection is required	Lab – Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2010 CCR Title 24, Part 1.
Test – Indicates that a test is required	PI – Indicates that the special inspection is to be performed by the project inspector
	SI – Indicates that the special inspection is to be performed by a special inspector

APPLICABLE BUILDING CODES
ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2013 CBC

2013 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2014"
-2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 2
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR
(2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR
(2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR
(2012 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CCR*

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

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

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 SPEED =120 MPH (V) (3 SECOND GUST), K zt = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2012 IBC AND CBC 2013

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 = 9490 # (Roof, Floor, Walls & Partitions)
30x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 19020 # (Roof, Floor, Walls & Partitions)

I = 1.0 Cas = 0.411 R: = 3.5 SITE CLASS = D p = 1.3
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sms = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior
Sm1 = 1.3 per CBC Figure 1613A.5(2) To Approval)
RISK CATEGORY = II

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 = 9490 # (Roof, Floor, Walls & Partitions)
30x40 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 19020 # (Roof, Floor, Walls & Partitions)

I = 1.0 Cas = 0.222 R: = 6.5 SITE CLASS = D p = 1.3
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sms = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior
Sm1 = 1.3 per CBC Figure 1613A.5(2) To Approval)
RISK CATEGORY = II

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

LIMITATIONS FOUNDATION PC ONLY:

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

ROOF SLOPE — 10'MAX. — BOTTOM OF ROOF HEADER OR BEAM — FINISH FLOOR — 9'3" — EXTERIOR WALL DEAD LOAD CANNOT EXCEED 10 PSF — FLOOR DEAD LOAD CANNOT EXCEED 8 PSF — 8TH OF STL. ROOF RAFTERS
SHEAR WALL-DUAL SLOPE PC-247

ROOF SLOPE — 10'3 1/2"MAX — BOTTOM OF ROOF RAFTER-2x6 — FINISH FLOOR — 9'-10" — EXTERIOR WALL DEAD LOAD CANNOT EXCEED 10 PSF — FLOOR DEAD LOAD CANNOT EXCEED 8 PSF
SHEAR WALL-DUAL SLOPE TYPICAL

OVERHANG 1'-0" MAX — ROOF LEVEL — OVERHANG MAX. 5'-0" — BOTTOM OF ROOF HEADER/BEAM OR RAFTER — FINISH FLOOR — 9'-10" MAX. WALL HEIGHT — BACK — FRONT — GRADE — EXTERIOR WALL DEAD LOAD CANNOT EXCEED 10 PSF — FLOOR DEAD LOAD CANNOT EXCEED 8 PSF
40'-0" SIDE WALL
SHEAR WALL-SIDE WALL 1/8"=1'-0"

OVERHANG 5'MAX. 2'-6" TYP — ROOF LEVEL — ROOF SLOPE — OVERHANG MAX. 5'-0" — BOTTOM OF ROOF HEADER OR BEAM — FINISH FLOOR — 9'0" MAX. WALL HEIGHT — BACK — FRONT — GRADE — EXTERIOR WALL DEAD LOAD CANNOT EXCEED 10 PSF — FLOOR DEAD LOAD CANNOT EXCEED 8 PSF
40'-0" SIDE WALL
DUAL SLOPE ROOF 1/8"=1'-0"

OVERHANG 5'MAX. 2'-6" TYP — ROOF LEVEL — ROOF SLOPE — OVERHANG MAX. 5'-0" — 9'8" MAX. WALL HEIGHT — BOTTOM OF ROOF HEADER OR BEAM — FINISH FLOOR — 10'4" MAX. WALL HEIGHT — BACK — FRONT — GRADE — EXTERIOR WALL DEAD LOAD CANNOT EXCEED 10 PSF — FLOOR DEAD LOAD CANNOT EXCEED 8 PSF
40'-0" SIDE WALL
MONO SLOPE ROOF 1/8"=1'-0"

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, LLC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION– 2013 CODE UPDATE

SHEET INDEX:
BELOW GRADE CONCRETE FOUNDATION DESIGNED FOR MODTECH BUILDINGS ONLY

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 - 24 x 40 SHEAR WALL

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 1029	50643	SHR	10-21-1988	24 x 40	50+20#	MODTECH
STKP 02	52512	48138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 01	52513	48760-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	52514	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 05	52515	45490-SHR	12-07-1989	24 x 40	50#	AURORA
STKP 04	52516	SIM PC 29 SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 22	55113	PC 90	10-05-1990	24 x 40	50#	MODTECH
STKP 24	56580	PC 95	06-14-1994	24 x 40	50#	MODTECH
STKP 13	61957	PC 247	06-28-1994	24 x 40	50#	MODTECH
STKP 77	67970	PC 247	11-10-1997	24 x 40	50#	MODTECH

BUILDING DATA - 24 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	55032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP 5W	57194	PC 79	11-06-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 16	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 27	65493	PC 286	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66318	PC 286	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 286	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 286	01-15-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 286	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-03-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 286	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 286	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101288	03-16-2000	24 x 40	50# /**50+20#	MODTECH
STKP 53	04-102365	PC 101288	07-06-2000	24 x 40	50+20#	MODTECH
STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104189	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-06-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-105337	06-06-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 106884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	66965	PC 286	05-24-1996	24 x 40	50#	MODTECH
STKP 109	66341	PC 275	05-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101984	PC 04-101419	03-08-2000	24 x 40	50#	MODTECH
STKP 112	04-104082	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	06-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105465	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 130	04-101527	PC 270	09-13-1999	24 x 40	50# /50+20#	MODTECH
STKP 131	04-104948	PC 04-101419	01-23-2003	24 x 40	50# /50+20#	MODTECH

BUILDING DATA - 36 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	36 x 40	70#	MODTECH
STKP 32	66319	PC 286	11-12-1996	36 x 40	50+20#	MODTECH
STKP 34	67332	PC 286	03-11-1997	36 x 40	50+20#	MODTECH
STKP 45	04-101616	PC 101268	10-07-1999	36 x 40	50+20#	MODTECH
STKP 51	04-113121	PC 04-102016	08-12-2013	36 x 40	50+20#	MODTECH
STKP 57	04-103001	PC 101288	03-01-2001	36 x 40	50#	MODTECH
STKP 65	04-104441	PC 101288	07-11-2002	36 x 40	50+20#	MODTECH
STKP 71	04-105-419	PC 104801	07-30-2004	36 x 40	50+20#	MODTECH
STKP 73	04-106035	PC 101288	03-01-2007	36 x 40	100#	MODTECH
STKP 85	04-111101	PC 79	06-03-2010	36 x 40	50+20#	MODTECH
STKP 104	04-113688	A-68118	05-01-2014	36 x 40	50+20#	MODTECH

BUILDING DATA - 48 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	48 x 40	100#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	70#	MODTECH
STKP 17	63289	PC 243	05-04-1995	48 x 40	50+20#	MODTECH
STKP 41	04-100797	PC 286	10-22-1998	48 x 40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10-07-1999	48 x 40	50+20#	MODTECH
STKP 63	04-104179	PC 101268	04-18-2002	48 x 40	50+20#	MODTECH
STKP 86	04-113418	PC 79/57194	01-30-2014	48 x 40	50+20#	MODTECH
STKP 105	04-113644	PC 04-101268	04-10-2014	48 x 40	50+20#	MODTECH

REVISED 1/29/15

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
AC FLS SS
DATE JAN 29 2015
ACS : D.PERKINSON
FLS : D.PENNASON
SSS: E.WU

DATE SIGNED SEP 30 2014

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

DATE SIGNED JAN 28 2015

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2016

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP# 3 117168
AC FLS SS TN
DATE AUG 04 2016
PRE-CHECK (PC) DOCUMENT CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 04-113776
AC FLS SS
DATE OCT 08 2014
ACS: D.PERKINSON
FLS: D.PENNASON
SSS: D.FONES

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
113776
DATE

STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

REVISIONS	BY
1 JAN 2015 ADD STKP 130/#131 & NOTE & SHEET C1.0	CLS

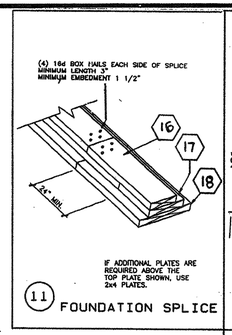
CLASS LEASING, LLC

Class Leasing, LLC
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

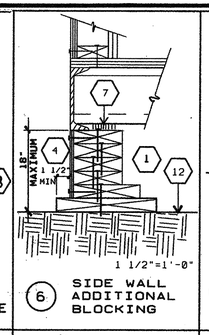
CLASS LEASING, LLC. PC
FOUNDATION PLANS AND DETAILS
STOCKPILE CLASSROOMS RELOCATION

DATE 09-29-2014
SCALE
DRAWN LAM-CLLS
JOB
SHEET F1.0

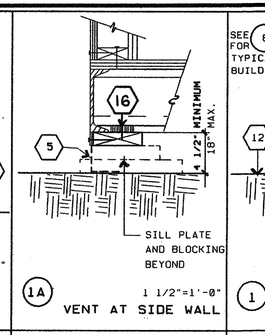
DATAPOINT CORP. 700 BO. CLAREMONT ST. SAN MATEO, CA. 94402
STOCKDRAFTING FORM NO. 101-94



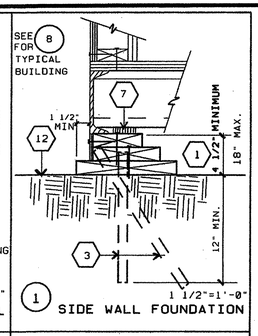
11 FOUNDATION SPLICE



6 SIDE WALL ADDITIONAL BLOCKING



1A VENT AT SIDE WALL

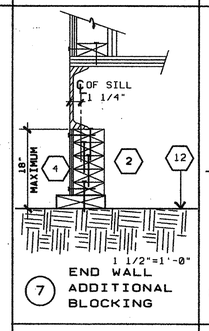


1 SIDE WALL FOUNDATION

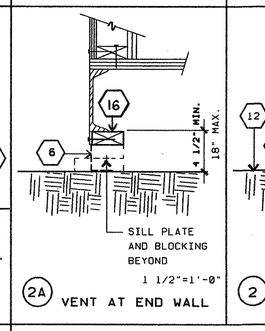
TYPICAL: NAILING (1) 16d BOX AT 4" O.C.

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

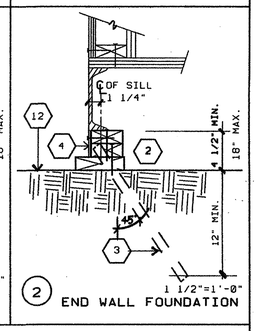
MINIMUM 6-16d PER BLOCK OR PLATE



7 END WALL ADDITIONAL BLOCKING

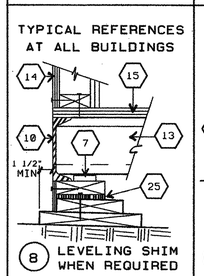


2A VENT AT END WALL

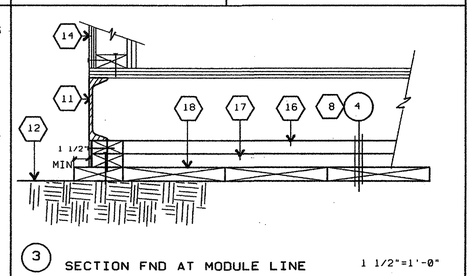


2 END WALL FOUNDATION

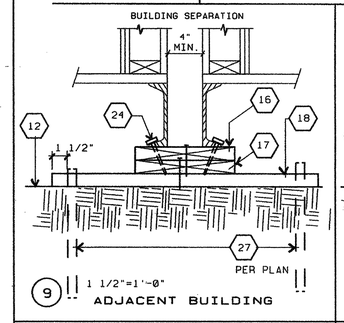
TYPICAL REFERENCES AT ALL BUILDINGS



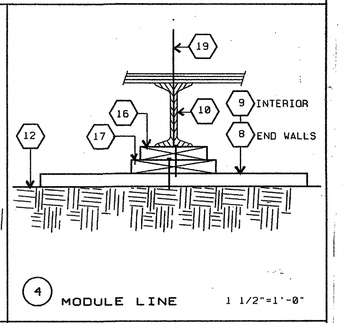
8 LEVELING SHIM WHEN REQUIRED



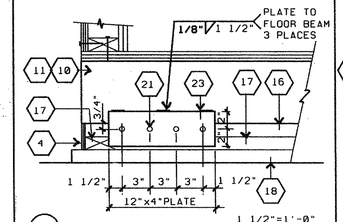
3 SECTION FND AT MODULE LINE 1 1/2"=1'-0"



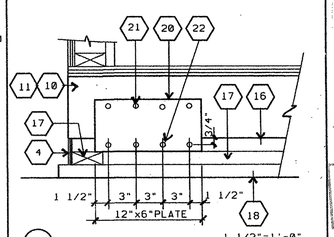
9 ADJACENT BUILDING 1 1/2"=1'-0"



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



10 WELDED TIE PLATE-OPTION 1 1/2"=1'-0"



5 FOUNDATION TIE PLATE 1 1/2"=1'-0"

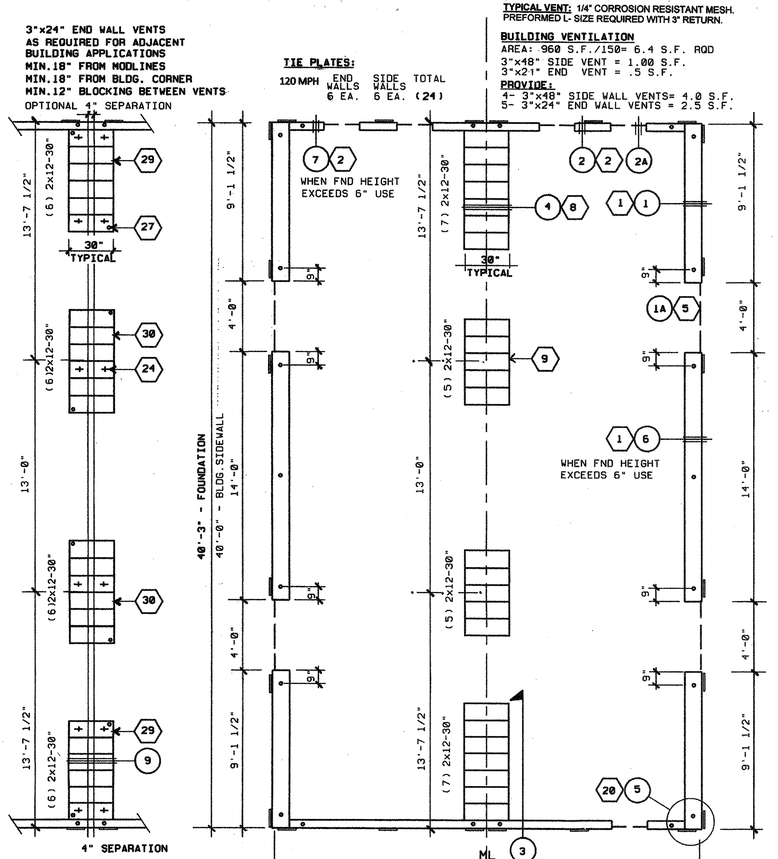
3"x24" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS
MIN.18" FROM MODLINES
MIN.18" FROM BLDG. CORNER
MIN.12" BLOCKING BETWEEN VENTS
OPTIONAL 4" SEPARATION

TIE PLATES:

120 MPH	END WALLS	SIDE WALLS	TOTAL
	6 EA.	6 EA.	(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. REQ
3"x48" SIDE VENT = 1.00 S.F.
3"x24" END VENT = .5 S.F.
PROVIDE:
4- 3"x48" SIDE WALL VENTS= 4.0 S.F.
5- 3"x24" END WALL VENTS = 2.5 S.F.



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

TYPICAL 24x40 FOUNDATION PLAN 50+20-PSF

KEY NOTES 24x40- 50+20 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 4'-0" 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: (7) 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: (5) 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" x10 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"x4" LAGS 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" CUTOUT 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:** 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) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **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) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

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: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

DATE SIGNED SEP 30 2014

REGISTERED PROFESSIONAL ENGINEER JAMES K. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA

LICENSE EXPIRES 6-30-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
AC FLS SS
DATE: OCT 08 2014

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP# 3-117168
AC FLS SS TN
Date AUG 04 2016

24x40 - 50+20 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

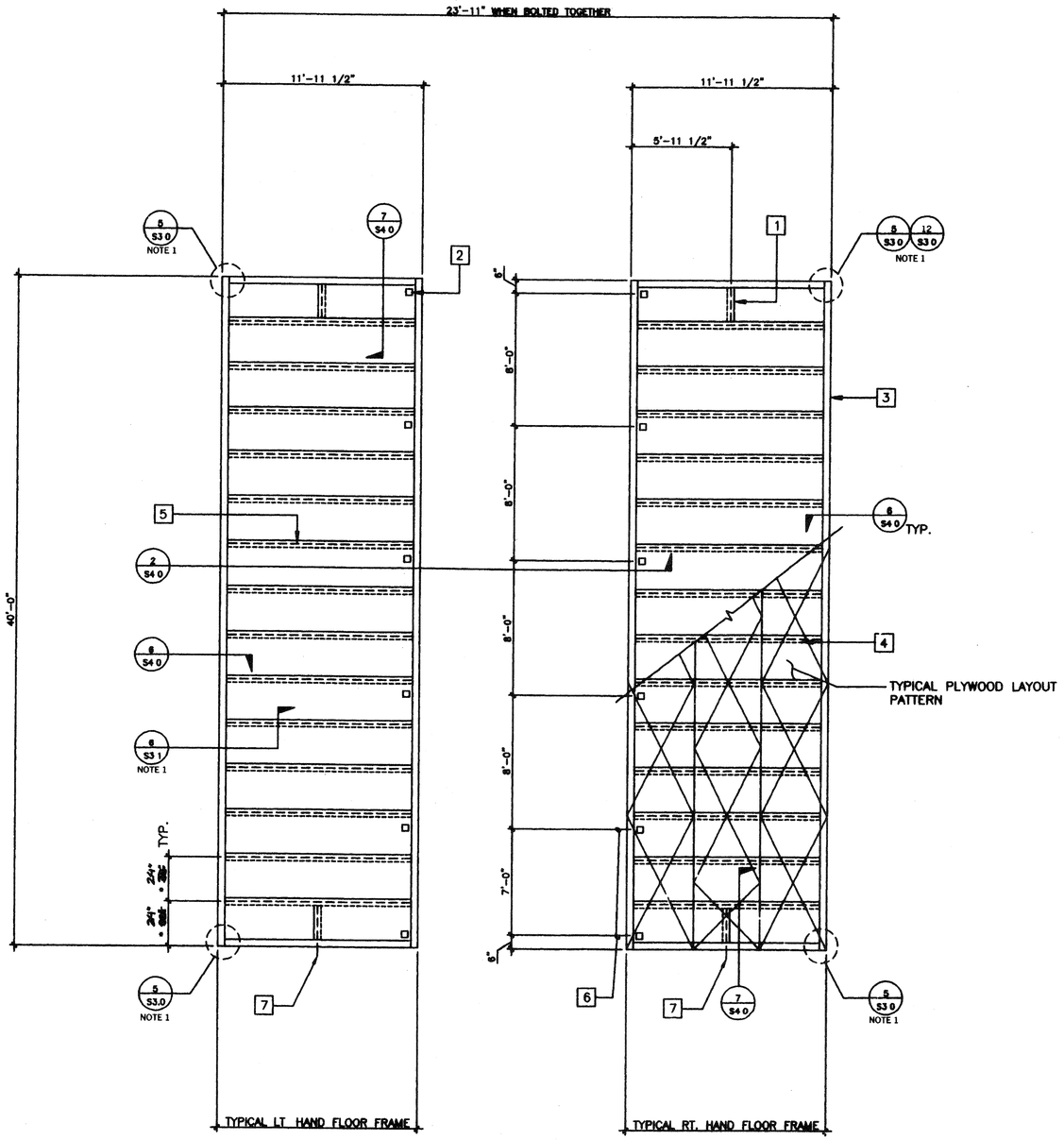
REVISIONS	BY

CLASS LEASING LLC

Class Leasing, LLC
1221 Harley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING, INC.
STOCKPILE CLASSROOM
24x40 - 50+20 PSF RELOCATION
FOUNDATION PLAN & DETAILS

DATE	09-29-2014
SCALE	
DRAWN	LAM-CLLS
JOB	24x40 50+20 PSF
SHEET	F2.1



• SEE FLOOR JOIST TABLE FOR APPROPRIATE SPACING PER JOB.

FLOOR JOIST TABLE

LIVE LOAD	⌐ 6 3/8"X2 1/2" 12GA
50 P.S.F. W/ 20 P.S.F. PARTITIONS	24" O.C.
SHIPPING CONDITION	16" O.C.

KEY NOTES

1. C 6 3/8 X 2 1/2 X 12GA. BLOCKING AT MIDSPAN OF FLOOR HDR. TYPICAL
2. 5" ø HAND HOLES AT BOLT BM TO BM (12 PLACES)
3. C 7X9.8 PERIMETER CHANNEL (TYPICAL)
4. PLYWOOD FLOOR SHEATHING: APA PS 1-83 1 1/8" THICK, STURD-I-FLOOR W/48" O.C SPAN RATING. ATTACHED W/#10 X 1 3/4" SELF-TAPPING FLAT HEAD SCREWS AT 6" O.C. TO PERIMETER FRAME, AEROSMITH AKN 144.0175 DRIVE PINS AT 6" O.C SUPPORTED EDGES AND 6" O.C. FIELD TO JOIST. (TYPICAL)
5. 6 3/8 X 2 1/2 X 12GA. FLOOR PURLIN @ 32" O.C.
6. TYPICAL BOLT HOLE LOCATION (SEE FOUNDATION DETAILS)
7. 11/16" ø HOLE @ MID-DEPTH FOR HANDLING

NOTES

1. FOR MONO PITCH ROOF BLDG'S SEE SA3.0, SA3.1

FILE # P266 SA10.DWG

END MODULES FRAMING PLAN

SCALE 1/4"=1'-0"

FLOOR LIVE LOAD - 50 PSF + 20 PSF PARTITION

REVISED

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
[redacted]
AC FLS SS JN
DATE JAN 07 1999

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP# 3 117168
AC FLS SS JN
Date AUG 04 2016 STKP 11/21/98

4012-088

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
1 2 3 4 5			EXPIRES 6-30-2000	LICENSED ARCHITECT GEORGE S. EDWARDS EXP. 9-30-99 STATE OF CALIFORNIA	IDENTIFICATION STAMP DIV OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-266 AC FLS SS DATE JUL 25 1997

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

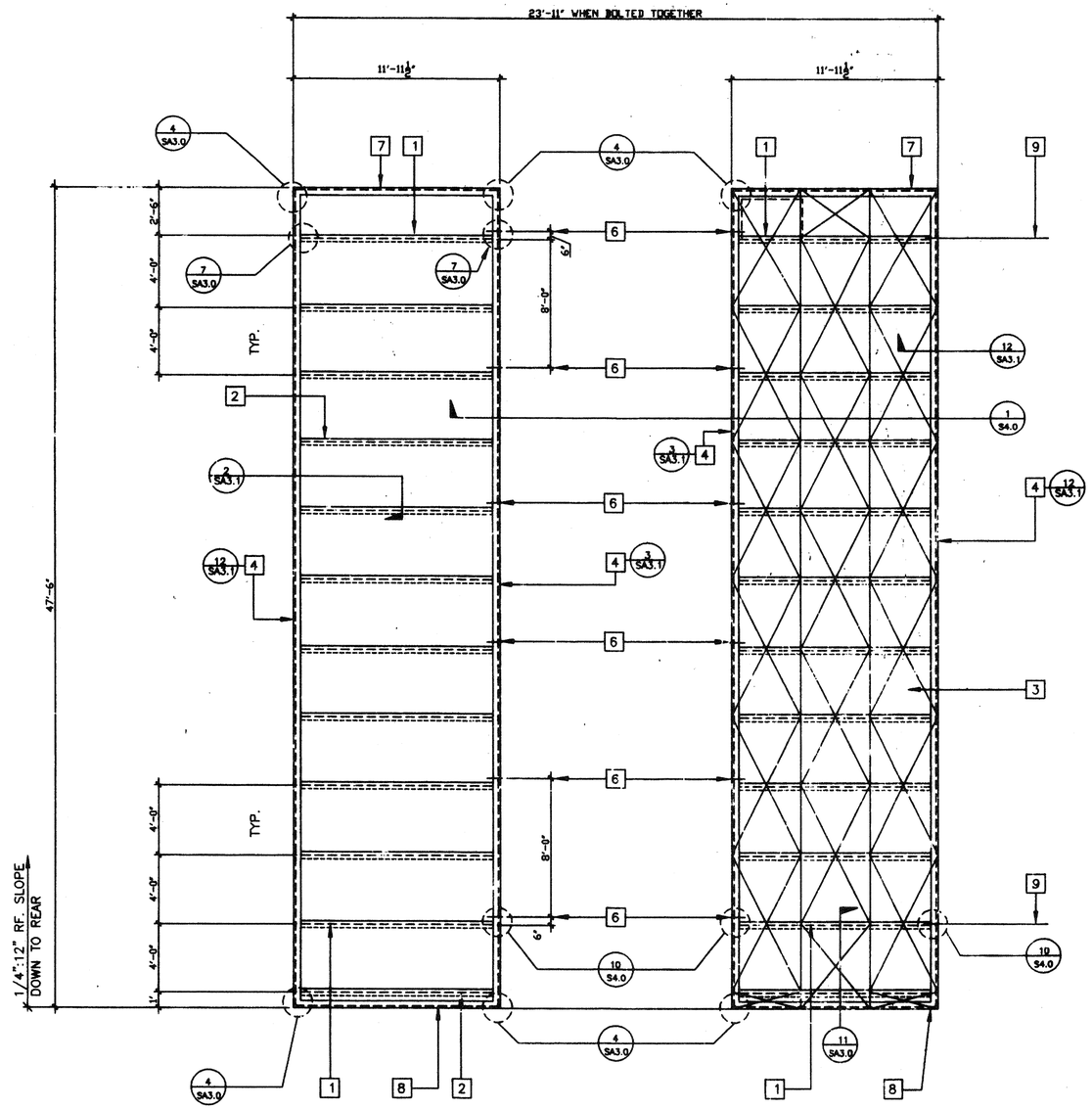
PROJECT NUMBER: 2986

FLOOR FRAMING PLAN

drawn by:
date: 05 JAN 99
checked by:
date:
Modtech project no 2986
MODTECH Index No
SA1.0

PROJECT NO. 2986
PC-266

REAR



FRONT

KEY NOTES

1. C 14 X 12GA. ⊏ HEADER
2. ⊏ 4 X 3 X 12 GA.
3. PLYWOOD ROOF SHEETING 3/4" CD EXPOSURE 1 P.I.I 48/24 PSI-83 PLYCLIPS AT 16" O.C. LONG EDGES. #10-1-1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" O.C. TO PERIMETER FRAME. AEROSMITH AKN 144.0175 DRIVE PINS AT 6" O.C. AT SUPPORTED EDGES AND 6" O.C. FIELD TO PURLINS. PLYWOOD PATTERN SHOWN IS TYPICAL THRU OUT. *(ALTERNATE: USE AEROSMITH AKN 144.0175 DRIVE PINS AT 6" O.C. PERIMETER)
4. TAPERED ROOF BEAM 10GA. ⊏ SEE 7/S3.1
5. NOT USED
6. 11/16ø DRILL SEE DETAIL 1/S4.0
7. ⊏ 13 3/8"X14GA. FACIA @ 2' OVERHANG
8. ⊏ 10" X 12 GA. ROOF FASCIA @ 5 OVERHANG
9. E.N. THIS LINE
10. 8"x3 1/2" x 14 GA. ROOF OVERHANG BEAM

MONO ROOF FRAMING PLAN

SCALE 1/4"=1'-0"

REVISED

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
AC FLS SS
DATE JAN 07 1999

IDENTIFICATION STAMP DIV OF THE STATE ARCHITECT
APP# 3 117168
AC FLS SS TN
Date AUG 04 2018
STKP-42M 11/24/98

FILE # PCC SA2.0.DWG

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
1 2 3 4 5			LICENSE EXPIRES 6-30-2000	LICENSED ARCHITECT GEORGE C. EDWARDS JR. REN. 9-30-99 STATE OF CALIFORNIA	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-2866 AC FLS SS DATE JUN 25

MODTECH INC.
2830 BARRETT AVENUE
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PH (909) 943-4014
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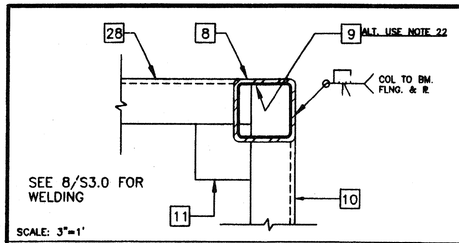
PROJECT NUMBER: 2986

drawn by: 4012-088
date: 05 JAN 99
checked by:
date:
Modtech project no: 2986
MODTECH Index No.:

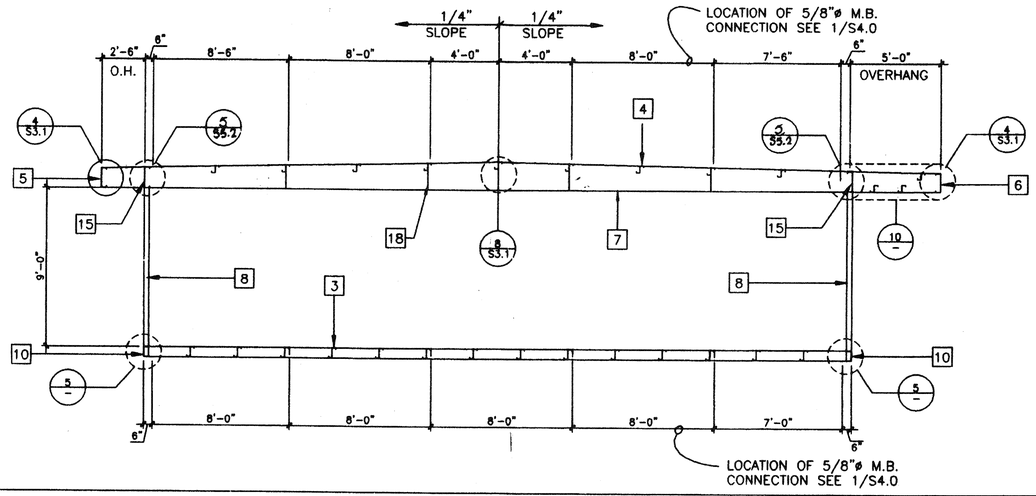
ROOF FRAMING PLAN

SA2.0

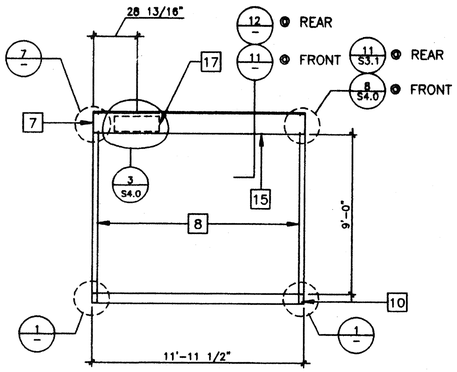
FRC-EST-10



COLUMN • FLOOR | 9



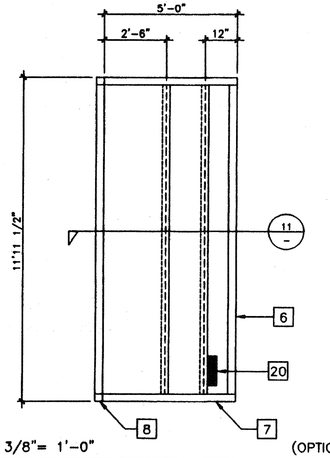
SECTION • SIDEWALL | B



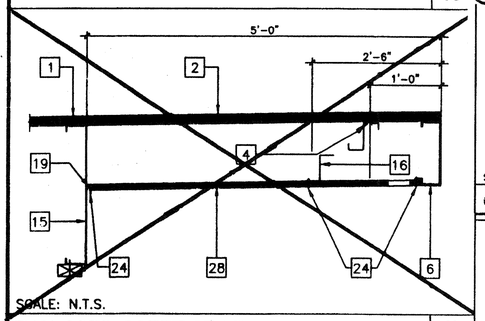
SECTION • ENDWALL | A

KEY NOTES

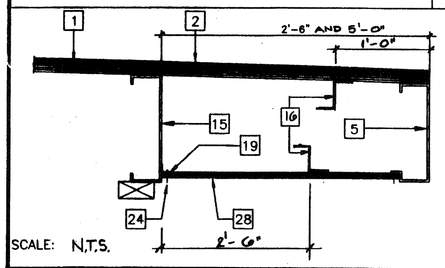
1. EN ● PLYWOOD EDGES
2. PLYWOOD ROOF SHEATHING
3. 6 3/8"X2 1/2"X12GA. FLR. JOIST 6/S3.1
4. 6X2 1/2"X14GA. ROOF PURLIN 2/S3.1
5. [13 3/8"X3 1/2"X14GA. FACIA 4/S3.1 ● 2' OVERHANG
6. [10"X3 1/2"X14GA. FACIA 4/S3.1 ● 5' OVERHANG
7. [10 GA. TAPERED ROOF BEAM (SEE 3/S3.1) OR 12/S3.1 REFER TO RF. FRAMING PLAN
8. 3 1/2"X3 1/2"X1/4" COLUMN
9. BACK-UP PLATE MIN. 10 GA.
10. [7X9.8 FLOOR CHANNEL
11. 3 1/2"X3 1/2"X1/4" STEEL PLATE WELDED FLUSH TO TOP AND BOTTOM OF CHANNEL FLANGES
12. NOT USED
13. SECTION OF 3 1/2"X3 1/2"X1/4" TUBE STEEL COPE TO FIT ROOF BEAM
14. NOT USED
15. [14"X3 1/2"X12GA. HEADER (SEE 1/S3.1)
16. "Z" STIFFENER ● SOFFIT CLOSURE
17. LOCATION OF HVAC
18. 1/4" FULL DEPTH STIFFNER PLATE AT 8'-0" O.C. U.N.O. ALIGN WITH PURLIN
19. 1/2"X 1 1/2"X16 GA.< TACK WELD IN PLANT
20. SCREENED VENT OPENING (4"X14")
21. [7X9.8 FLOOR HEADER
22. NOT USED
23. NOT USED
24. #10 STSMS ● 6" O.C. TYP. ● EN & 12" OC. FN (ALT. AEROSMITH AKN 144.0175 DRIVE PIN)
25. NOT USED
26. NOT USED
27. 3 1/2"X3 1/2"X1/4" TUBE STEEL CUT TO FIT FLOOR BEAM
28. SOFFIT PLYWOOD



ENCLOSED SOFFIT PLAN | 10



ENCLOSED SOFFIT SECTION | 11



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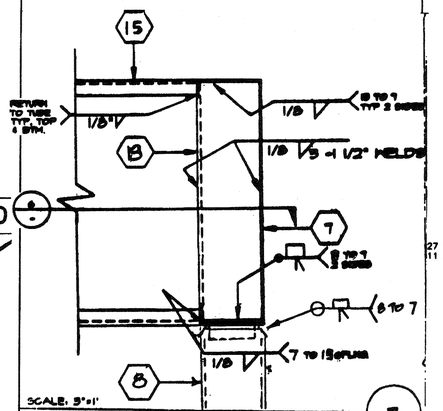
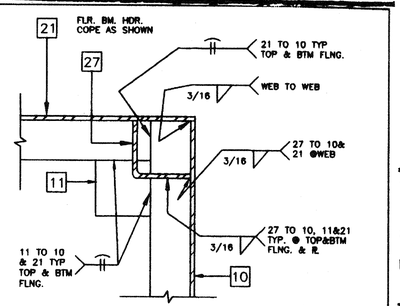
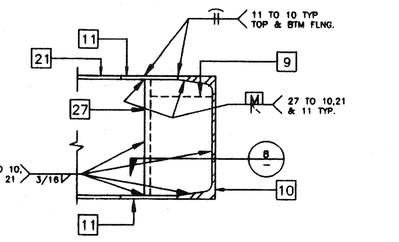


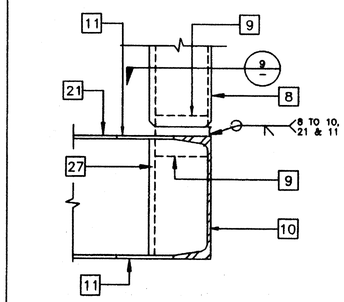
COLUMN CONN. @ ROOF | 7

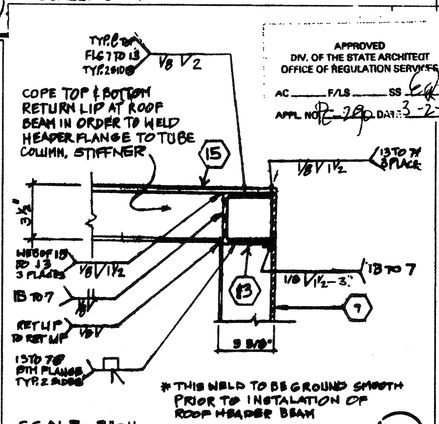


STIFFENER SECTION • FLOOR | 8

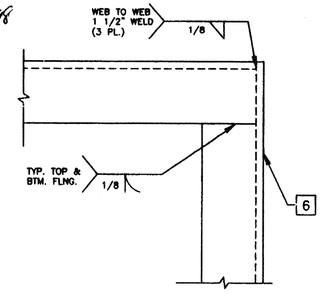


3	COLUMN CONN. • FLR.	1





STIFFENER SECTION @ ROOF | 6



PLAN • ROOF OVERHANG | 4

2		

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 2986
AC F/LS SS 6V
DATE JUN 25 1997

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 2986
AC F/LS SS TN
DATE JAN 07 1999

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP#3 117168
AC F/LS SS TN
Date AUG 04 2016

STKP-42D

FILE # P266 S30.DWG

PROJECT NO. 2986

PC-266

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. EDWARDS C 2356 REN. 9-30-99 STATE OF CALIFORNIA

Division of the State Architect
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 2986
AC F/LS SS 6V
DATE JUN 25 1997

MODTECH

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

PROJECT NUMBER: [redacted]

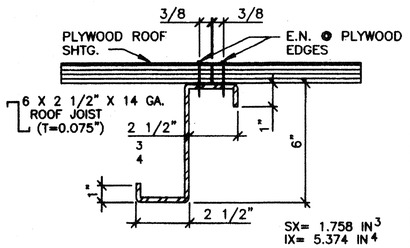
MONTEREY PENINSULA U.S.D.

drawn by: CM 4012-088
date: 05 JAN 99
checked by:
date:
Modtech project no: [redacted]

MODTECH Index No.

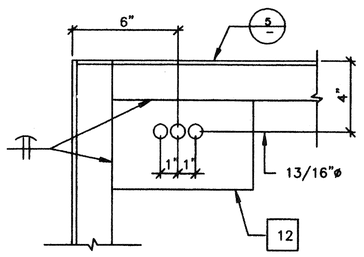
FRAMING ELEVATIONS / DETAILS

S3.0



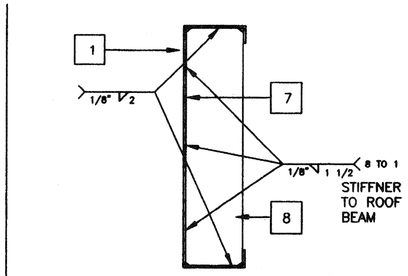
SCALE: 3"=1' SEE 2/SA3.1

ROOF PURLIN | 16



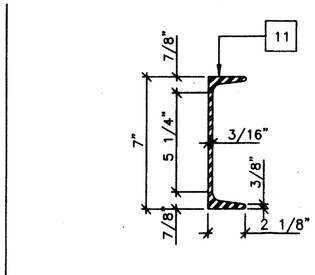
SCALE: 3"=1'

ANCHOR PLATE AT CONC. FOUND. | 12



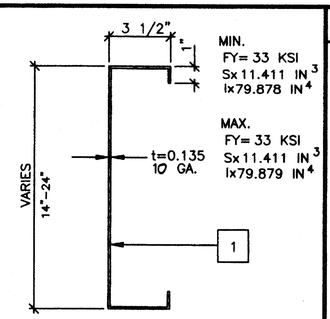
SCALE: 3"=1'

BEAM SPLICE W/STIFFENER | 9



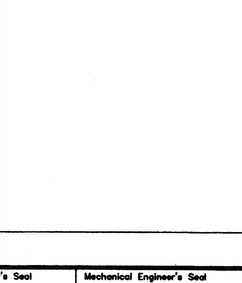
SCALE: 3"=1'

FLOOR BEAM C7X9.8 | 5



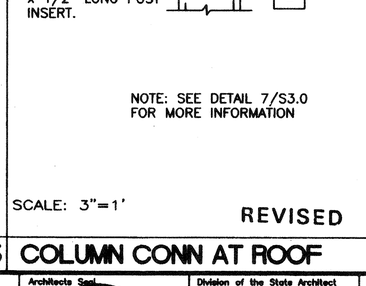
SCALE: 3"=1'

TAPERED ROOF BEAM | 1



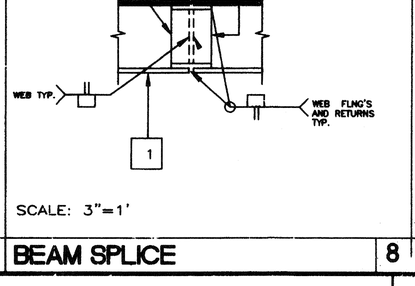
SCALE: NTS

TUBE STEEL SUPPORT AT FRONT HEADER | 13



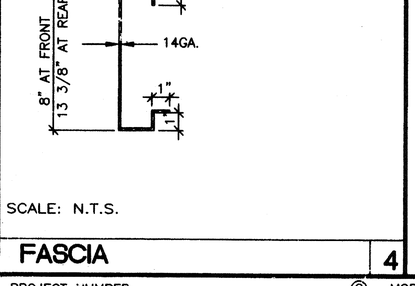
SCALE: 3"=1'

FLOOR • FLOOR BEAM | 10



SCALE: 3"=1'

FLOOR JOIST | 6



SCALE: 3"-1'

ALT. ROOF PURLIN | 2

SCALE: NTS

COLUMN CAP PLATE (SECTION) | 14

NOTE: SEE DETAIL 7/S3.0 FOR MORE INFORMATION

SCALE: 3"=1'

REVISED

COLUMN CONN AT ROOF | 15

SCALE: NTS

FASCIA AT SIDEWALL | 7

SCALE: 3"=1'

ROOF HEADER | 3

SCALE: 3"=1'

BEAM SPLICE | 8

SCALE: N.T.S.

FASCIA | 4

KEY NOTES

1	[10 GA. TAPERED ROOF BEAM (SEE STRUC.) 33 KSI MATERIAL
2	BACK-UP PLATE MIN. 10 GA.
3	3 1/2"X3 1/2"X1/4" COLUMN
4	[10GA.X 24" HEADER SEE 1/S3.1
5	SECTION OF 3 1/2"X3 1/2"X1/4" TUBE STEEL COPE TO FIT ROOF BEAM
6	6 3/8"X2 1/2"X12GA. FLOOR JOIST
7	10GA. BENT PLATE BACK-UP
8	1/4" STIFFENER
9	#10 S.T.S.M.S ⊙ 6" O.C. (SEE S1.0)
10	PLYWOOD FLOOR SHEATHING
11	FLOOR BEAM (SEE STRUCTURAL) SEE 5/S3.1
12	5"X8"X1/4" ℄
13	ROOF OVERHANG BEAM 8"x3 1/2" x4 GA.
14	ADDITIONAL SPLICE LOCATION (OPTIONAL)

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
AC. FLS SS
DATE JAN 07 1999

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP#3 117168
AC. FLS SS TN
Date AUG 04 2016

(MONO SLOPE)

STKP-42 M 4/24/98

FILE # P266 SA31.DWG

PROJECT NO.

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. EDWARDS No. C 2956 REN. 9-30-99 STATE OF CALIFORNIA

Division of the State Architect
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC-266
AC. FLS SS
DATE JAN 25 1999

MODTECH INC.
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PROJECT NUMBER: 2986

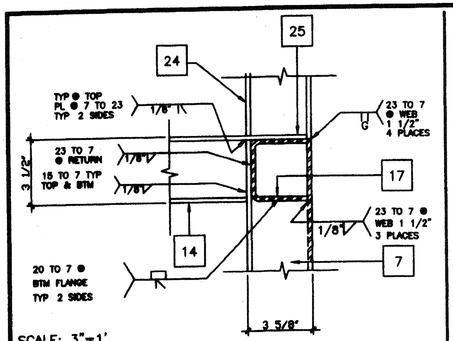
drawn by: 4012-088
date: 05 JAN 99
checked by:
date:
Modtech project no: 2986

MODTECH Index No.

STRUCTURAL DETAILS

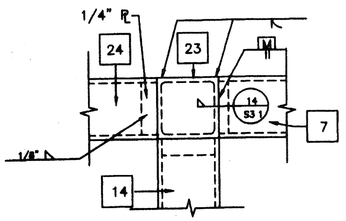
SA3.1

PC-266



SCALE: 3"=1'

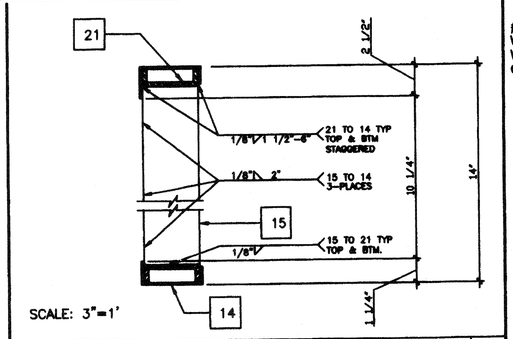
COLUMN SECTION 11



SCALE: 3"=1'

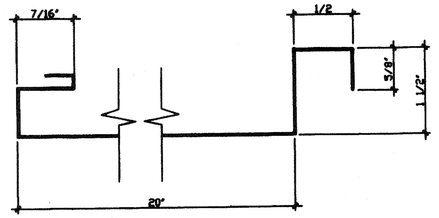
COLUMN CAP PLATE 12

8



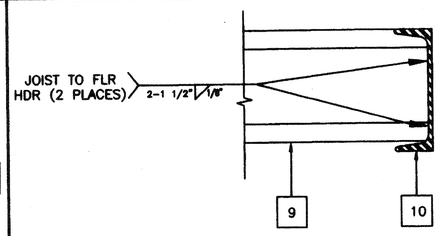
SCALE: 3"=1'

MECH. DUCT OPENING IN HEADER 4



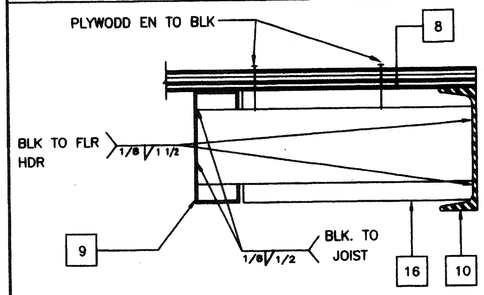
SCALE: NTS

ROOF PAN 5



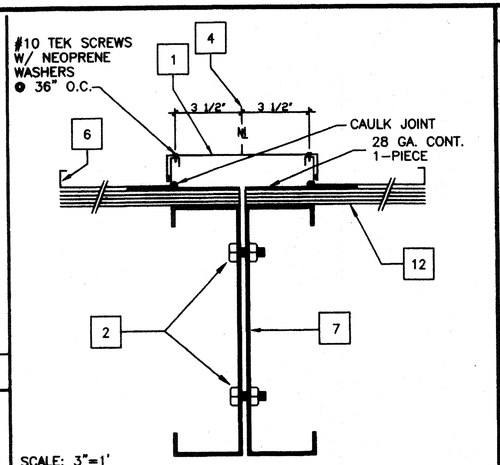
SCALE: 3"=1'

FLOOR FRAME/JOIST TO BEAM 6



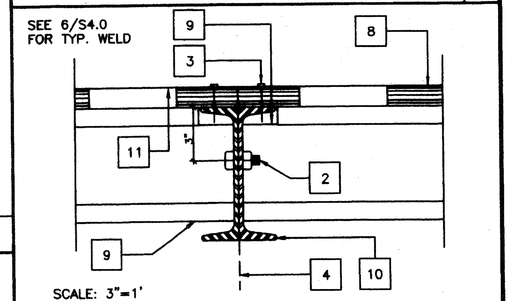
SCALE: 3"=1' REVISED

BLOCK AT MIDSPAN 7



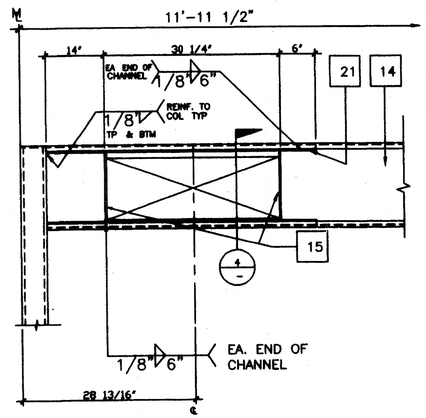
SCALE: 3"=1'

ROOFING AT MODLINE 1



SCALE: 3"=1'

MODULE JOINT AT FLR. 2



SCALE 1"=1'

ELEVATION-OPENING 3

KEY NOTES

1	CAP CLOSURE @ RIDGE 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT SEE DETAIL–
2	5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) @ 8" O.C.
3	E.N.
4	MODULE JOINT
5	NOT USED
6	STANDING ROOF SEAM (SEE A2.0)
7	ROOF BEAM (SEE STRUCTURAL) SEE 3/S3.1 & 12/S3.1
8	PLYWOOD FLOOR SHEATHING
9	FLOOR JOIST 6/S3.1
10	FLOOR BEAM (SEE STRUCTURAL 5/S3.1)
11	HAND HOLE @ BOLT LOCATION
12	PLYWOOD ROOF SHEATHING
13	3 1/2"X3 1/2"X1/4" STEEL TUBE COLUMN
14	ROOF HEADER (SEE STRUCTURAL 1/S3.1)
15	1/4" STIFFENER PLANE SEE 9/S3.1 FOR TYP. WELD
16	"C" BLOCKING SEE 6/S3.1
17	10GA. BACK-UP PL
18	NOT USED
19	NOT USED
20	2"X2"X3/16" ∠
21	3 1/4"X1"X45 11/16" LX10GA. CHANNEL TOP & BOTTOM CENTER OF OPENING
22	ROOF PURLIN SEE 2/S3.1
23	TUBE STEEL (SEE 11/S3.1) STIFFFNER COPE TO FIT ROOF BEAM
24	ROOF BEAM AT OVERHANG SEE 4/S3.1

SCALE. 3"=1'

ROOF HEADER AT FRONT OVERHANG MONO PITCH 10

STKP-42 FEA/98

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

Division of the State Architect

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

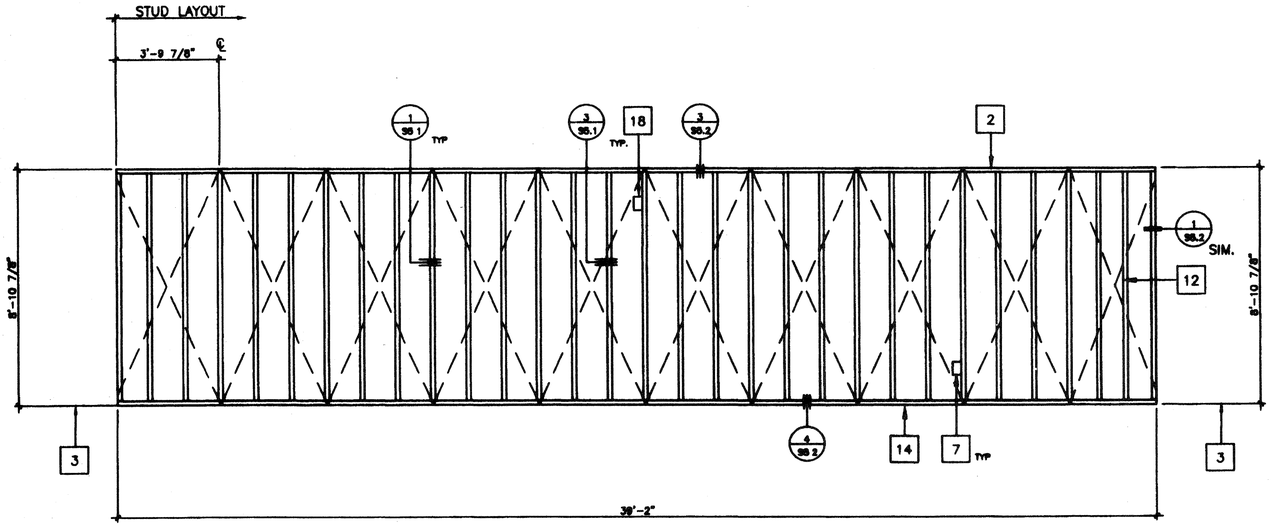
PROJECT NUMBER: 2986

drawn by: 4012-088 date
checked by: 05 JAN 99 date
Modtech project no: 2986

MODTECH Index No.

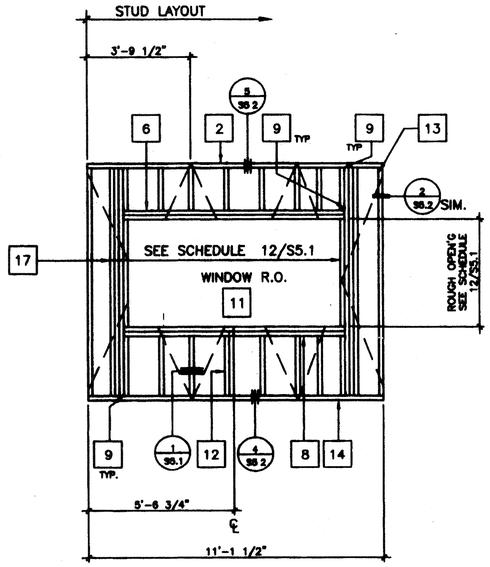
STRUCTURAL DETAILS

S4.0



A

A_1 OPPOSITE HAND



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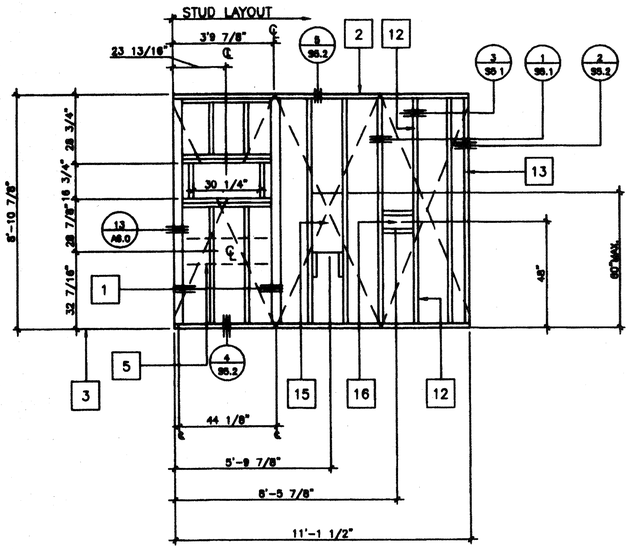

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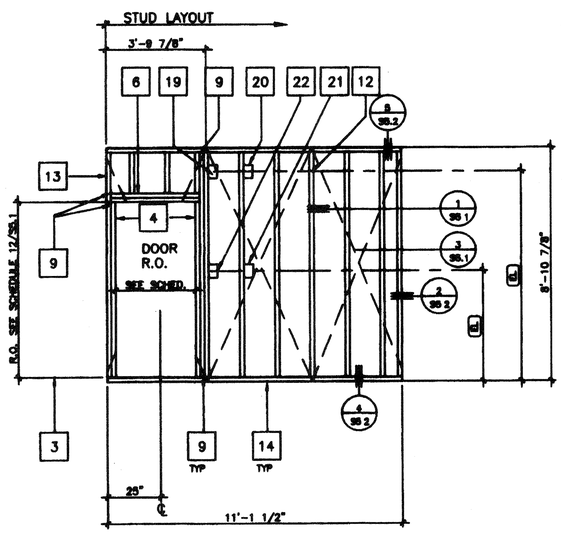

D

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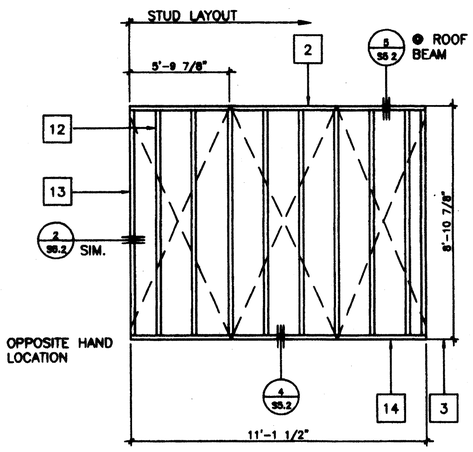

E

SCALE 3/8"=1'

KEY NOTES

1	4 X 4 POST
2	2X4 TOP PLATE
3	FINISH FLOOR
4	2X4 FULL HGT KING STUDS AND 2X4 TRIMMER (SEE SCHEDULE FOR QUANITY SHT S5 1)
5	2x6 LET IN FOR AC SUPPORT SEE 15/A6 0
6	HEADER (SEE SCHEDULE)
7	TYPICAL DUPLEX WALL RECEPTICAL FOR SPECIFIC LOCATION SEE (EL)
8	WINDOW SILL PLATE (SEE SCHEDULE)
9	A 34 CLIPS @ HEADER & SILL TO FULL HGT STUDS AND FULL HGT. STUDS TO TOP AND BOTTOM PLATES
10	REQUIRED OPENING FOR A 3068 DOOR (SEE DETAIL 7/S5 1)
11	REQUIRED OPENING FOR A 8040 WINDOW (SEE DETAIL 6/S5 1)
12	2X4 STUD @ 16" O C TYPICAL
13	2X4 NAILER TYPICAL @ EACH END
14	2X4 SILL PLATE
15	FRAME FOR ELECTRICAL PANEL
16	THERMOSTAT LOCATION 4S BOX
17	FULL HGT. STUDS AND 1-2X4 TRIMMER (SEE WINDOW SCHEDULE FOR JAMB STUDS REQUIRED SHT. S5 1)
18	CLOCK OUTLET (EL)
19	"J" BOX FOR EXTERIOR LIGHT FIXTURE (TO EXTERIOR) (EL)
20	'J' BOX FOR FIRE HORN (TO EXTERIOR) (EL)
21	'J' BOX FOR FIRE PULL STATION (TO INTERIOR) (EL)
22	LIGHT SWITCH BOX (EL)

NOTES

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OS 100929
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DATE JAN 07 1999

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APP#3 117168
AC FLS SS TN
Date AUG 04 2016

STKP-42 11/24/98

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSE EXPIRES 6 30 2000

Architects Seal
LICENSED ARCHITECT GEORGE C. EDWARDS No. C 2956 REN. 9-30-99 STATE OF CALIFORNIA

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PD 266
AC FLS SS
DATE JUN 2 5 1997

MODTECH INC.
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PH (909) 943-4014
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PROJECT NUMBER: 2986

WALL FRAMING

drawn by 4012-088
date
checked by 05 JAN 99
date
modtech project no 2986

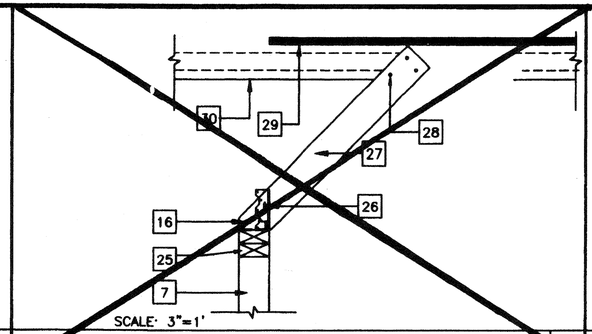
modtech index no
S5.0

SC-266

NAILING SHEDULE

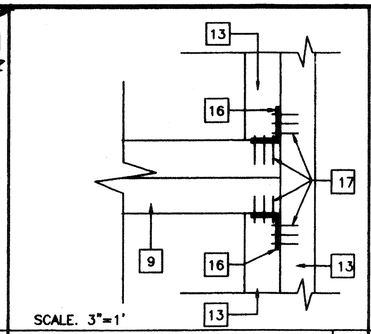
CONNECTION	NAILING [1]
1. JOST TO SILL OR GIRDER,TOENAIL	3-8d
2. BRIDGING TO JOIST, TOENAIL END END	2-8d
3. 1" X 6" (25 mm X 152mm) SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-78d
4. WIDER THAN 1" X 6" (25 mm X 152 mm) SUBFLOOR TO EACH JOIST, FACE NAIL	3-8d
5. 2" (51MM) SUBFLOOR TO LOIST OR GRINDER, BLIND AND FACE NAIL	2-16d
6 SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d at 16" (406mm) o c
SOLE PLATETO JOIST OR BLOCKING, AT BRACED WALL PENELS	3-16d per 16" (406mm)
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" (610mm) o c.
10. DUOBLE TOP PLATES, TYPICAL FACE NAIL	16d at 16" (406mm) o c
DOUBLE TOP PLATES, LAP SPLICE.	8-16d
11. BLOCKING BETEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL.	3-8d
12. RIM JOIST TO TOP PLATE, TOENAIL.	8d at 6" (152mm) o.c.
13. TOP PLATES, LAP AND INTERSECTIONS, FACE NAIL.	2-16d
14. CONTINUOUS HEADER TWO PIECES	16d at 16" (406mm) o c. along each edge
15. CEILING JOIST TO PLATE, TOENAIL	3-8d
16. CONTINUOUS HEADER TO STUD, TOENAIL.	4-8d
17. CEILING JOISTS, LAP OVER PARTITIONS, FACE NAIL.	3-16d
18 CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL.	3-16d
19 RAFTER TO PLATE, TOENAIL.	3-8d
20. 1" (25 mm) BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
21. 1" X 8" (25 mm X 203 mm) SHEATHING OR LESS TO AECH BEARING, FACE NAIL.	2-8d
22 WIDER THAN 1" X 8" (25mm X 203mm) SHEATHING TO EACH BEARING, FACE NAIL	3-8d
23 BUILT-UP CORNER STUDS	16d at 24" (610mm) o c
24 BUILT-UP GIRDER AND BEAMS	20d AT 32" (813 mm) O C AT TOP AND BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE.
BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE.	
25. 2" (51mm) PLANKS	
26 WOOD STRUCTURAL PANELS AND PARTICLEBOARD [2] SUBFLOOR, ROOF AND WALL SHEARING (TO FRAMING) (1 INCH=25 4mm)	
1/2" AND LESS	6d[3]
19/32" - 3/4"	8d[4] OR 6d[5]
7/8" - 1"	8d[3]
1 1/8" - 1 1/4"	10d[4] OR 8d[5]
COMBINATION SUBFLOOR-UNDERLAYMENT (TO FRAMING) (1 INCH=25 4mm)	
3/4" AND LESS	6d[5]
7/8" - 1"	8d[5]
1 1/8" - 1 1/4"	10d[4] OR 8d[5]
27. PANEL SIDING (TO FRAMING): 1/2" (13 mm) OR LESS	6d[6]
5/8" (16 mm)	8d[6]
28 FIBREBOARD SHEATHING 1/2" (13 mm)	NO 11 GA[8] 8d[4]
25/32" (20 mm)	NO 18 GA[8] NO 11 GA[8] 8d[4] NO.16 GA 9
29 INTER PANELING 1/4" (6.4 mm)	4d 10
3/8" (9.5 mm)	6d 11

NOTE: All nail shall be box nails unless otherwise noted.



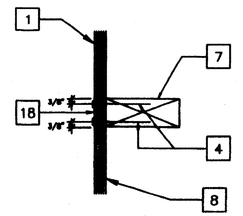
SCALE: 3"=1'

PERPENDICULAR PARTITION CONNECTION 9



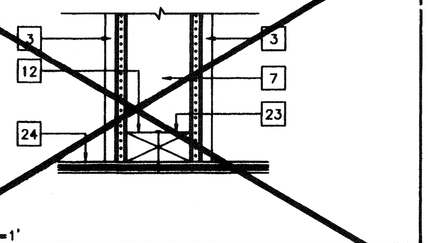
SCALE. 3"=1'

WINDOW SILL AT JAMB 5



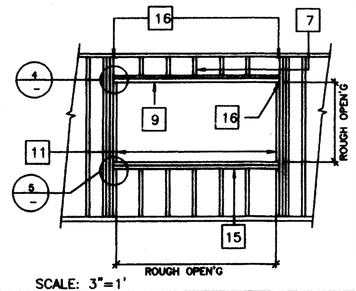
SCALE: 3"=1'

DETAIL AT VERT. PLYWOOD EDGES 1



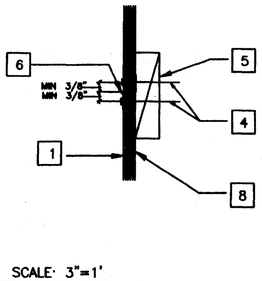
SCALE. 3"=1'

INT. PARTITION CONN AT FLOOR 10



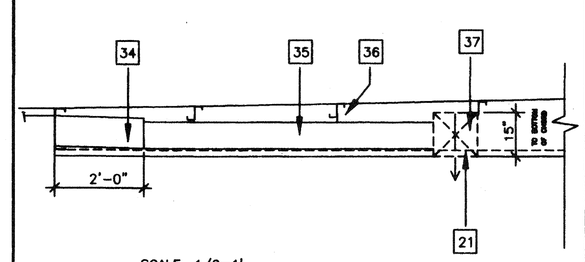
SCALE: 3"=1'

TYP. WINDOW FRAMING 6



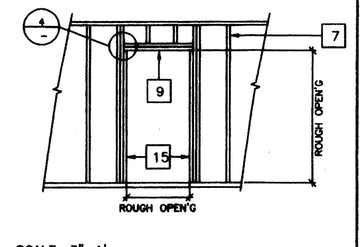
SCALE: 3"=1'

DETAIL AT HORIZ. PLYWOOD JOISTS 2



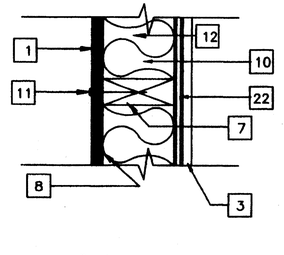
SCALE. 1/2=1'

SECTION: HVAC IN ROOF 11



SCALE: 3"=1'

TYP. DOOR FRAMING 7



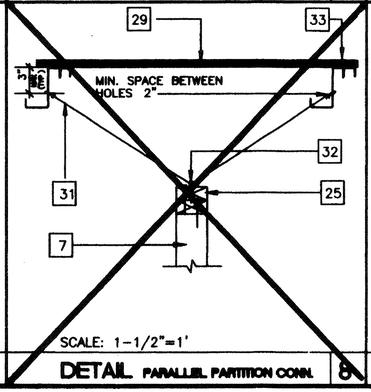
SCALE: 3"=1'

SECTION AT STUD 3

OPENING SCHEDULE				ROUGH OPENING	
OPENING	HDR.	SILL	JAMB	HEIGHT	WIDTH
3068	(2) 2X4	(2) 2X4	(2) 2X4	81 1/4"	38"
8040	(3) 2X4	(2) 2X4	(4) 2X4	48 1/8"	96 1/8"

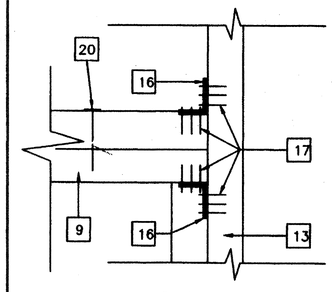
ALTERNATE: METAL STUD 24 HDS350 IN LIEU OF 2X4 WD STUDS

ROUGH OPENING SCHEDULE REVISED 12



SCALE: 1-1/2"=1'

DETAIL PARALLEL PARTITION CONN. 8



SCALE: 3"=1'

HEADER DETAIL 4

KEY NOTES

2	EXTERIOR PLYWOOD SIDING – SHEATHING NAIL W/GALV. BOX NAILS –8d @ 6" O.C EDGES, 8d @ 12" O.C. IN FIELD
2	GYP. BOARD
3	TYP. INTERIOR FINISH–SEE FINISH SCHEDULE
4	E.N.
5	2X4 BLK'G
6	"Z" FLASHING
7	2X4 @ 16" O.C.
8	WATERPROOF MEMBRANE
9	HEADER SEE SCHEDULE 12/S5.1
10	INSULATION SEE SPECIFICATIONS
11	8d ELECTRO GALV. 12" O.C.FN.
12	2X4 SILL PLATE (BELOW)
13	FULL HEIGHT STUDS AND 1–2X4 TRIMMER (SEE WINDOW SCHEDULE FOR JAMB STUDS REQ'D)
14	NOT USED
15	SILL PLATE (SEE SCHEDULE)
16	A 34 CLIPS @ HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
17	9GA. 8d 1 1/2" NAILS
18	LAP JOINT
19	NOT USED
20	16D @ 16" O.C.
21	ROOF CHANNEL
22	ATTACH GYP. BD. TO STUDS W/6d COOLERS @ 6" O.C.
23	2X4 BOTTOM PLATE W/16d @ 16" O.C
24	PLYWOOD FLOOR
25	2X4 DBL TOP PLATE
26	SIMPSON A35 W/8d X 2 1/2"
27	2X4 BRACE @ 8'–0" O.C. MAX. @ MAX 45°
28	#12 X 2 TYPE A HEX HEAD SCREWS W/WASHERS (TYP. FOR 3)
29	PLYWOOD SHEATHING
30	ROOF PURLIN
31	ATTACH 12GA. BRACE WIRES TO EYE LAG SCREWS AND TO ROOF PURLINS @8'–0" O.C. ENDS TO HAVE 4 TIGHT WRAPS IN 1–1/2"
32	1/4@ 2–1/2" EYE LAG SCREW @8'–0" O.C. (Z " EMBEDMENT)
33	ATTACH PER ROOF FRAMING PLAN (TYP.)
34	PLENUM
35	DUCTWORK
36	ROOF PURLIN
37	TRANSFER BOX

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Structural Engineer's Seal: Expires June 30, 2008

Architects Seal: LICENSED ARCHITECT GEORGE C. EDWARDS No. C-9556 REN. 9-30-99 STATE OF CALIFORNIA

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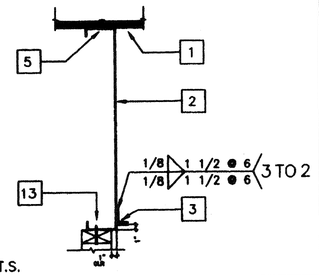
FAX (909) 940-0427

PROJECT NUMBER: 2986

drawn by: 4012-088
date
checked by 05 JAN99
date:
Modtech project no 2986
MODTECH Index No S5.1

FRAMING DETAILS

PROJECT NO. 2986
PC-266



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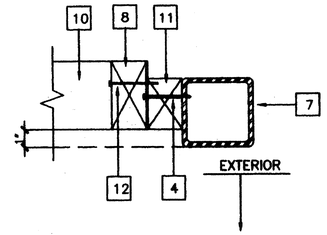
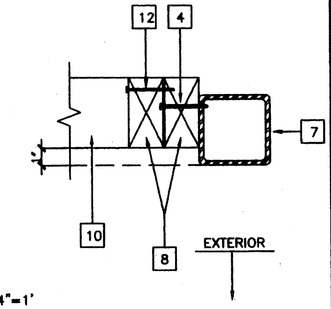
17 | 13 | 9 | END WALL AT ROOF | 5



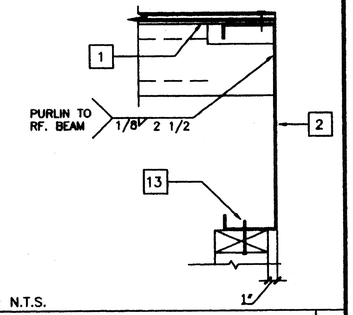
SCALE:3"=1'

COLUMN AT END WALL. | 1



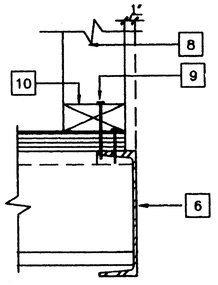
SCALE:4"=1'

18 | 14 | 10 | 6 | COLUMN AT SIDE WALL | 2



SCALE: N.T.S.

19 | 15 | 11 | 7 | ROOF PURLIN AT ROOF BEAM | 3



SCALE: 3"=1'

20 | 16 | REVISED | 12 | 8 | WALL SILL AT FLOOR | 4

KEY NOTES

1. PLYWOOD ROOF SHEATING
2. [10GA.X HEADER TYPICAL.
3. 1 1/2 X 1 1/2 X 16GA. ∠
4. #10 S.T.S.M.S @24" O.C. OR 0.145ø SHOT PIN AT 24" O.C.
5. E.N. PLYWOOD TO ROOF BEAM. (SEE STRUCTURAL)
6. FLOOR BEAM (SEE STRUCTURAL)
7. TUBE STEEL COLUMN.
8. 2X4 STUD @ 16" O.C. TYP.
9. 16d BOX NAILS @ 8" O.C.
10. 2X4 SILL PLATE.
11. 2X TRIMMER @ CORNER.
12. 16d @ 24"O.C.
13. #10 S.T.S.M.S @ 16"O.C. OR AEROSMITH AKN 144.0175 DRIVE PIN.

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Date AUG 04 2016

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FILE # P266 S52.DWG

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Electrical Engineer's Seal

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Structural Engineer's Seal

Architects Seal
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PC 266
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DATE JUN 25 1997

MODTECH INC.
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PROJECT NUMBER: 2986

WALL FRAMING DETAILS

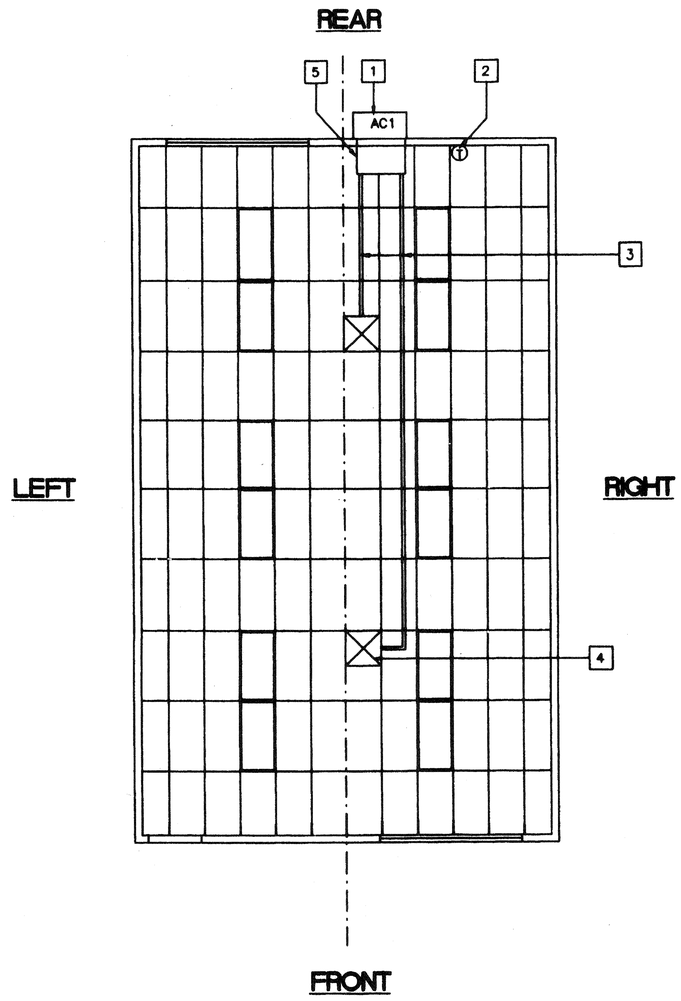
drawn by date: 4012-088
checked by. date: 05 JAN 99
Modtech project no: 2986

MODTECH Index No.

S5.2

PROJECT NO.

PC-266



KEY NOTES

1. AC1- WALL MOUNT 3.5 TON HEAT PUMP NOMINAL 47,000 BTUH COOL / 46,000 BTUH HEAT W/5kw HEATER OLA AND CALIFORNIA STATE ENERGY APPROVED 208 / 230V, 1 PHASE, MAX FLA 28 AMPS WEIGHT 510 LBS.
2. (T) THERMOSTAT-WHITE ROGERS IF92 +48" A.F.F.
3. 12" FLEX DUCT
4. 15 x 15 4W SUPPLY AIR GRILLE
5. 10" X 30" X 2' 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 & A SMOKE-DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION INCLUDING INSULATION, FACING MATERIALS, TAPES & ADHESIVES AS NORMALLY APPLIED ~~EXCEPTION: INSULATION HAVING A FLAME SPREAD INDEX NOT EXCEEDING 50 & A SMOKE DENSITY NOT GREATER THAN 100 MAY BE INSTALLED IN DWELLINGS OR APARTMENT HOUSES WHERE THE DUCT SYSTEM SERVES NOT MORE THAN ONE DWELLING UNIT.~~

2 SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY

THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM TO C C R TITLE 24, SECTION ~~1/3C-2~~ AND TABLE ~~1A-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

FOR MECHANICAL DRAWINGS:

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

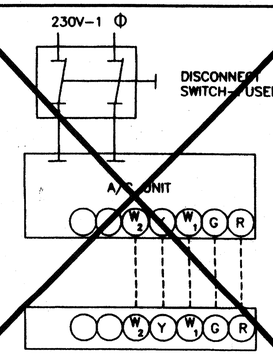
FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4

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

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
[redacted]
AC FLS RVC SS
DATE JAN 07 1999

CONTROL SCHEMATIC



STKP-42 4/24/98

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
APP# 3 117168
AC FLS SS TN
Date AUG 04 2015

MECHANICAL PLAN (24' X 40')

SCALE 1/4"=1'-0"

REVISED

REVISIONS			
1			
2			
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-9000 REN 9-30-99 STATE OF CALIFORNIA

Division of the State Architect
IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-266
AC FLS SS
DATE JUN 2 1999

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

PROJECT NUMBER: 2986

drawn by 4012-088
date
checked by 05JAN99
date
Modtech project no 2986

MODTECH Index No.

MECHANICAL (HVAC) PLAN

M1.0

FILE # P266 M1.0 DWG

PROJECT NO. 2986

PC-266

ELECTRICAL PANEL SCHEDULE

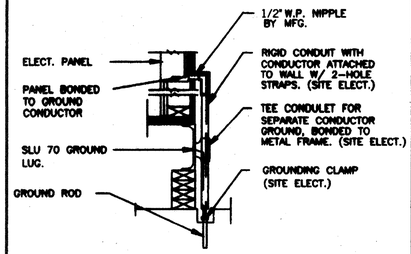
MAIN: 100 AMP 12 CIRCUIT | PANEL: A | LOCATION: REAR | FEED: BOTTOM | MOUNTING: FLUSH

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	60	3360		HVAC	3.5 (T)
RECEPTACLE / CLOCK	(5)		900	20	1	3			4	-	—		3360	HVAC	3.5 (T)
INT. / EXT. LIGHTS	(25)	900		20	1	5			6	2	30	2500		HVAC	(HS)
INTERIOR LIGHTS	(24)		840	20	1	7			8				2580	HVAC	(HS)
FA (DEDICATED)		40		-	-	9			10						
						11			12						
WATTS/PHASE A = 7,520		1680	1740									5880	5880	B = 7,620	WATTS/PHASE
TOTAL 15,500 WATTS		66 AMPS				120/240 VOLTS						SINGLE ∅			THREE WIRE

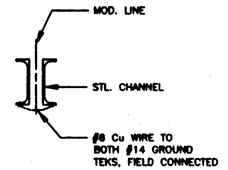
NCL = 13380 W

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 BURRIED 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. PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 16 J, PART B.
4. 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.
5. GROUND MO TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH C.E.C. ARTICLE 250.



TYP GROUNDING DETAIL | 1



GROUND JUMPER • MOD LINE | 2

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +95" AFF
- DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE AT +18" AFF U.N.O.
- HVAC UNIT (HV)
- 4s 'J' BOX FOR INT. FA PULL BOX. +48" AFF 3/4" CO TO PULLSTRING.
- 4s 'J' BOX FOR EXT. HORN/BELL. +96" AFF 3/4" CO TO PULLSTRING.
- (6x6x4) WEATHER PROOF GUTTER BOX + 18" AFF 3/4 CO TO PULLSTRING.
- ELECTRICAL PANEL. + 60" AFF (6). 1/4" POWER NIPPLE FOR GROUND JUMPER BY SITE ELEC.
- $ SWITCH +48" A.F.F.
- CLOCK. +96" AFF
- 4s J BOX FOR INT. FA STROBE AT +80" AFF. 3/4" CO TO PULLSTRING.

NOTES

1. SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 1632(d.2) AND TABLE 16A(C) ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIP. WEIGHING LESS THAN 400 LBS. & HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

FOR ELECTRICAL DRAWINGS:

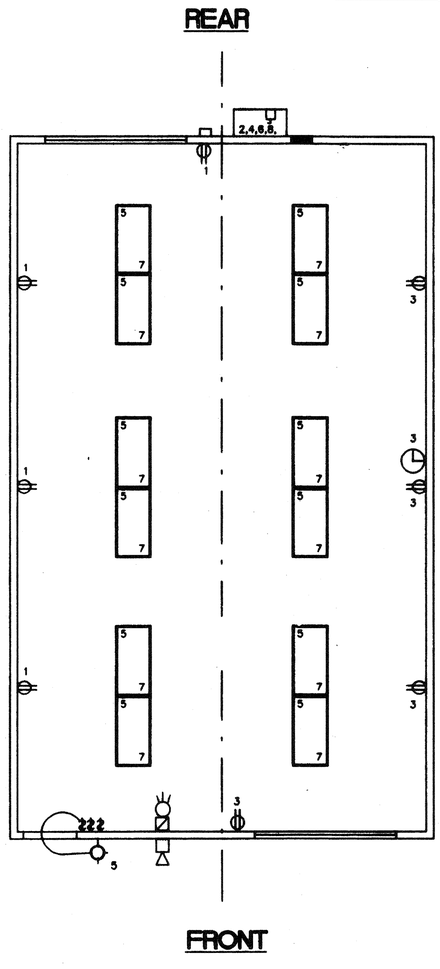
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

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

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

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE , Z = 0.4.

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.



ELECTRICAL PLAN (24' X 40')

1/4" = 1'-0"

REVISED

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 100020 AC FLS RVC SS DATE JAN 07 1999

IDENTIFICATION STAMP DIV OF THE STATE ARCHITECT APP# 3 117168 AC FLS SS TK Date AUG 04 2016

STKP-42 12/4/98

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
1			LICENSE EXPIRES 6-30-2000	LICENSED ARCHITECT GEORGE S. [illegible] No. 2956 STATE OF CALIFORNIA EXPIRATION 9-30-98	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-266 AC FLS DV SS DATE JAN 23 1997
2					
3					
4					
5					

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

PROJECT NUMBER: 2986

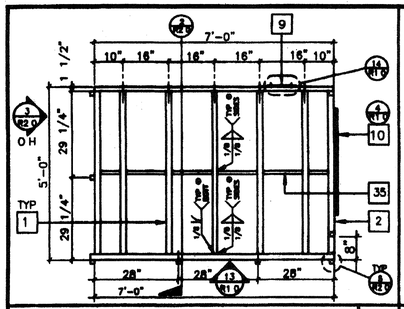
ELECTRICAL PLAN

drawn by: FVH date: 11/98 4012-088
checked by: 05 JAN 99 date:
Modtech project no: 2986

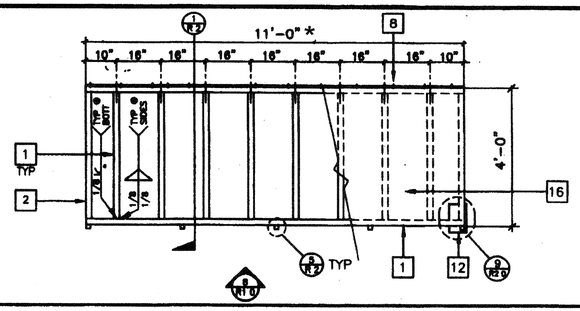
MODTECH sheet no. E1.0

FILE # P266E10.DWG

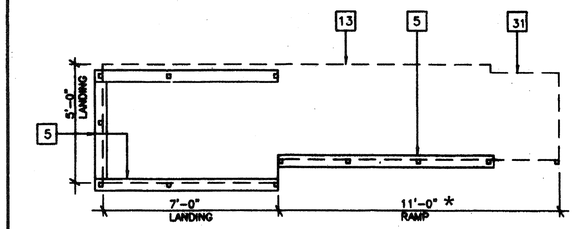
PC-266 2506 PROJECT NO. 2377, 3022, 3183



LANDING FRAME | 12

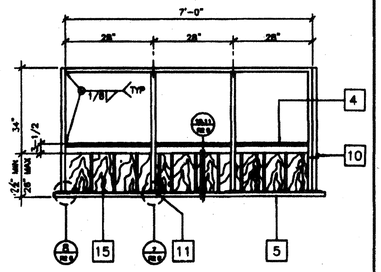


RAMP FRAME | 7

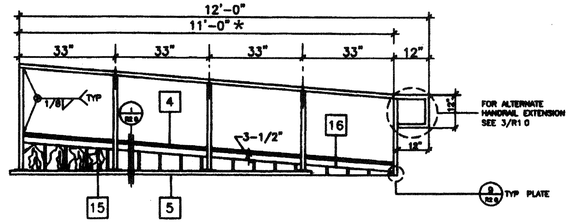


* RAMP EXTENSIONS MAYBE ADDED TO WORK WITH FINISH GRADES

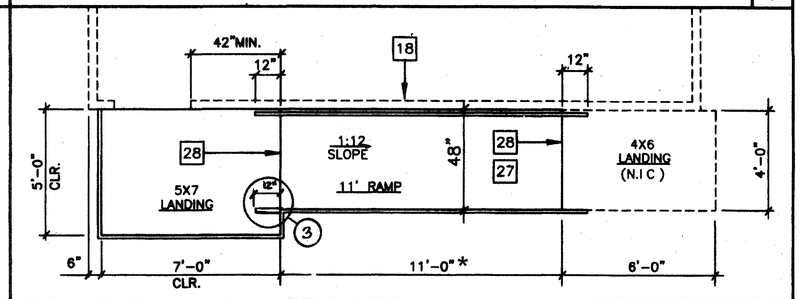
SILL PLAN FOR RAMP AND LANDING | 3/8" | 1



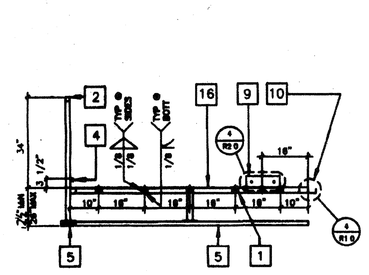
LANDING ELEVATION | 13



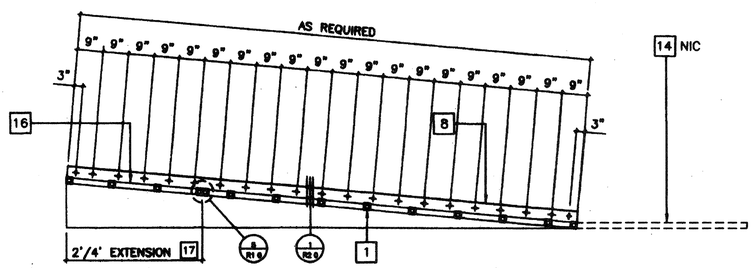
RAMP ELEVATION | 8



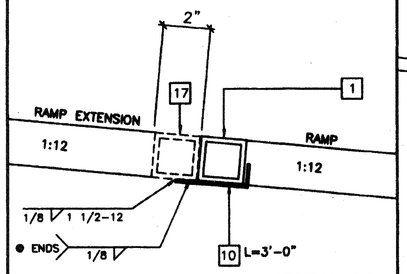
RAMP AND LANDING AT BUILDING | 3/8" | 2



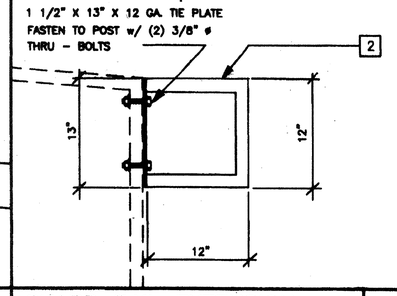
LONG. SECTION ● LANDING | 14



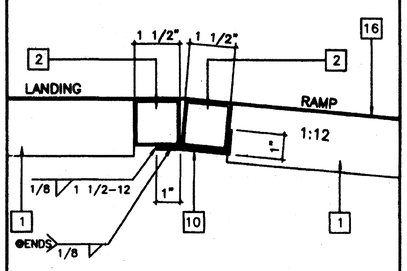
LONGITUDINAL SECTION ● RAMP | 9



RAMP EXTENSION TO RAMP | 5



GUARD RAIL EXTENSION | 3



LANDING TO RAMP | 4

KEY NOTES

1	TS 2" x 2" x 14ga
2	TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
4	TS 1" x 1" x 16ga WHEELCHAIR GUIDE
5	2 x 6 PT SILL PLATE
8	6" x 10ga CONT. PLATE W/ 1/4" X 2" TEK SCREWS @6"OC INTO WOOD OR FOUND. BLOCKS OR #14 x 2" TEK SCREWS INTO STEEL @ 9" OC
9	6" x 12" x 10ga PLATE W/2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
10	3" x 1" x 3'-0" x 10ga BENT PLATE
11	2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
12	6" x 10" x 12ga BASE PLATE @ RAMP TOE
13	LINE OF RAMP/LANDING ABOVE
14	LOWER LANDING BY DISTRICT
15	SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/ 8d @ 6" OC EDGES AND 12"OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6"OC
16	12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
17	RAMP EXTENSION FRAME.
18	EXISTING BUILDING.
27	RAMP BY MODTECH
28	FLUSH TRANSITION
31	NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2" x 4'-0" LONG.
35	TS 1" x 1" x 16ga

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
ACC FLS SS
DATE JAN 07 1999

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP# 3 117168
AC FLS SS TM
Date AUG 04 2016

NOTES

1. RAMPS: - RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HT.
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 BLDG FRAME W/#6 CU 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 SUFFICIENT 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 SHEET R-1.
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

STKP-42 4/24/98

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	
1			LICENSED PROFESSIONAL ENGINEER No. 39082 CIVIL STATE OF CALIFORNIA	LICENSED ARCHITECT GEORGE C. EDWARDS JR. REN. 9-30-99 STATE OF CALIFORNIA	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 266 AC FLS SS DATE JAN 21 1999 REVISED
2			LICENSE EXPIRES 6-30-2000		
3					
4					
5					

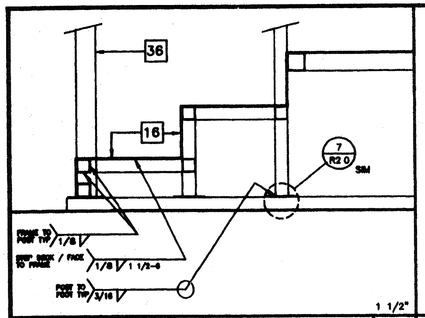
MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

Job Number: PC 266 2986

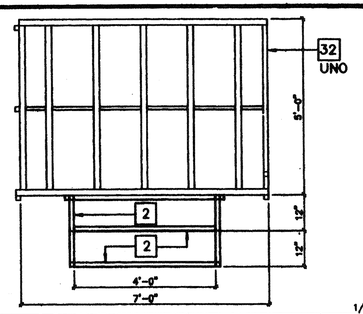
drawn by FVH
date 11/96
checked by 4012-088
date 05JAN99
Modtech project no. 2986
MODTECH Index No. R1.0

RAMP / LANDING

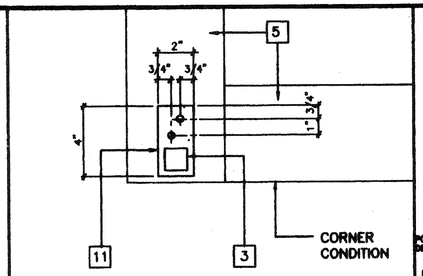
2506, 2371, 3022, 3183



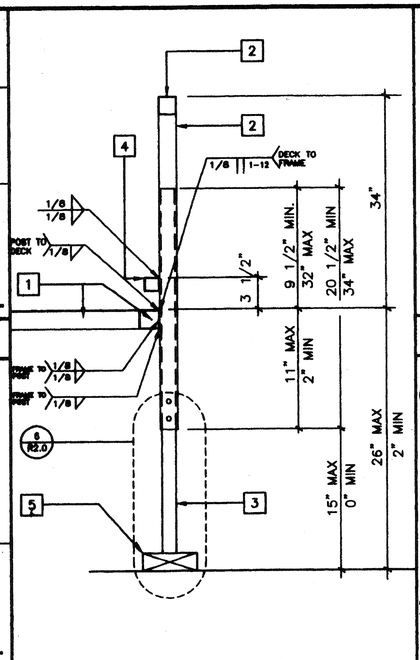
STAIR SECTION (OPTIONAL) 16



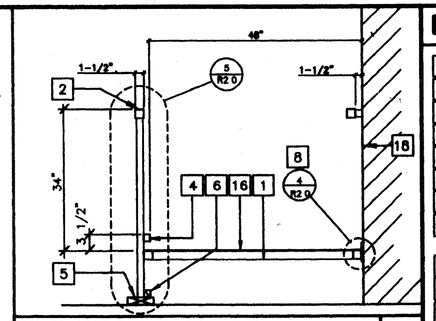
STAIR PLAN (OPTIONAL) 12



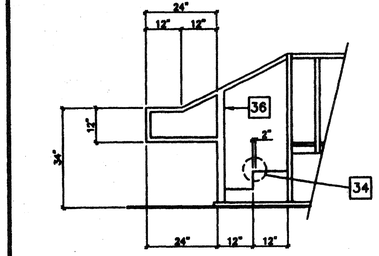
ADJUSTABLE LEG BASE PLATE 8



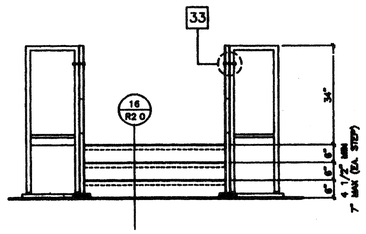
ADJUSTABLE LEG 3" 5



SECTION AT RAMP 3/4" 1



STAIR ELEVATION (OPTIONAL) 17



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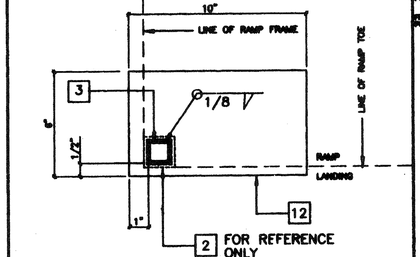
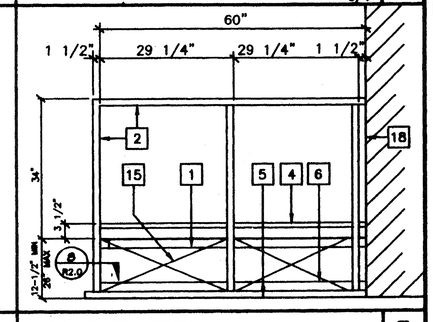
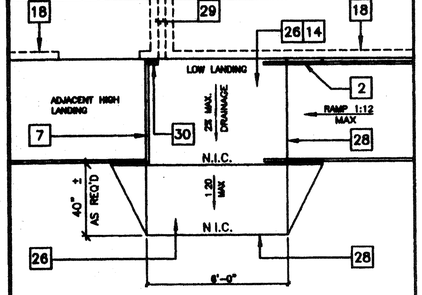


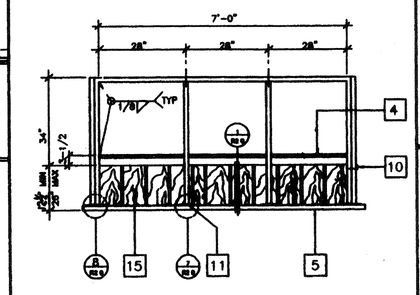
BASE PLATE @ RAMP TOE 9



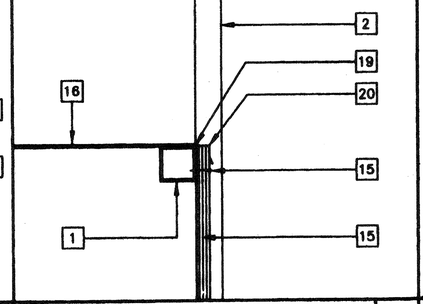
SECTION AT LANDING 3/4" 2



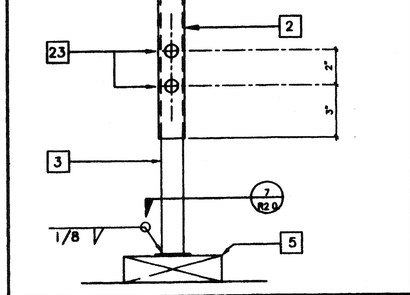
RAMP TRANSITION BY DISTRICT 1/8" 18



14

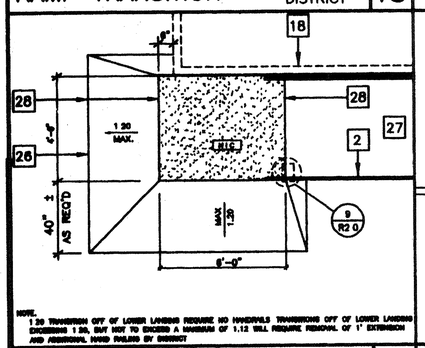


SKIRT FLASHING 3" 10

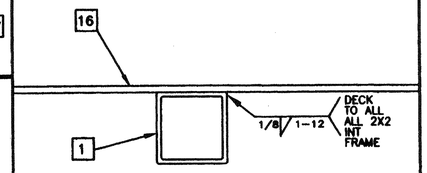


ADJUSTABLE LEG 3" 6

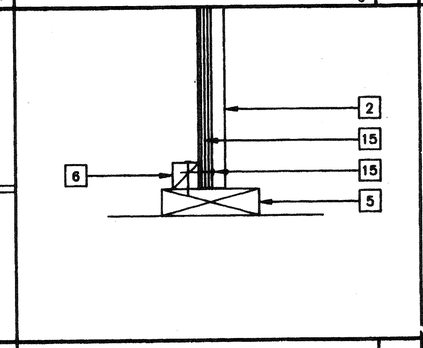
END ELEVATION 3/4" 3



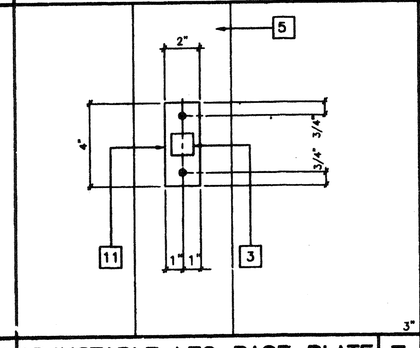
RAMP TRANSITION BY DISTRICT 1/8" 19



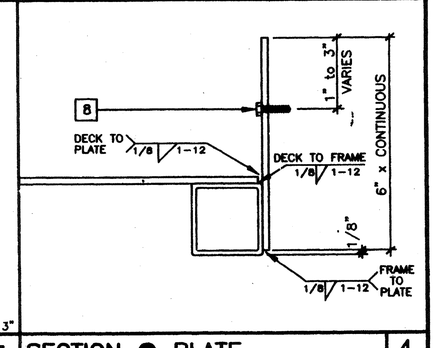
SECTION @ INT. FRAME 1/2" 15



SKIRT @ SILL PLATE 3" 11



ADJUSTABLE LEG BASE PLATE 7



SECTION @ PLATE 1/2" 4

KEY NOTES

1	TS 2" x 2" x 14ga
2	TS 1 1/2" x 1 1/2" x 14ga (Fy = 30 KSI)
3	TS 1 1/4" x 1 1/4" x 14ga (Fy = 30 KSI)
4	TS 1" x 1" x 16ga WHEELCHAIR GUIDE
5	2 x 6 PT SILL PLATE
6	2 x 2 NAILER W/16d @ 12" OC
7	2 x RW HEADER BY DISTRICT.
8	6" x 10ga CONTINUOUS PLATE W /#14 x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL @ 9"OC
11	2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
12	6" x 10" x 12ga BASE PLATE @ RAMP TOE.
14	LOWER LANDING BY DISTRICT
15	SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/8d @ 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6" OC
16	12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
18	EXISTING BUILDING.
19	CAULKING
20	26 ga FLASHING
23	3/8" dia x 2" LONG MB W/NUT & WASHERS
26	PAVE BY DISTRICT.
27	RAMP BY MODTECH
28	FLUSH TRANSITION
29	3" MINIMUM BUILDING SEPERATION
30	PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
32	FOR LANDING DETAILS AND RAMP ATTACHEMENT SEE 12/R1.0
33	FASTEN POSTS W/ 3/8" ø THRU BOLT. TYPICAL
34	2" WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
36	TS 2 1/2" x 1 1/2" x 8ga ASTM A500 GRADE A

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP# 3 117168
AC FLS SS TM
Date JAN 04 2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
[redacted]9
AC FLS SS
DATE JAN 07 1997

STKR-42 11/24/98

REVISIONS

1
2
3

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSE EXPIRES 6-30-99

Architects Seal
GEORGE C. EDWARDS
REN. 9-30-98
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 266
AC FLS SS
DATE JAN 21 1997
REVISED

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

Job Number: PC 266 2986

drawn by: FVH
date 11/96
checked by: 4012-088
date 05JAN99
Modtech project no. 2986

MODTECH Index No.

R2.0

RAMP/STAIR DETAILS

2506, 2377, 3023, 3193