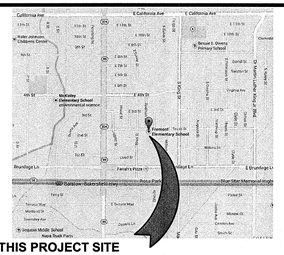
3 RELOCATABLE CLASSROOMS
FREMONT ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS ST.
BAKERSFIELD, CA 93307

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

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 CONDITIONING CONTRACTOR NATIONAL ASSOCIATION	SMACNA
ANODIZED	ANOD.	EXISTING	(E)	MATERIAL	MAT.,MATL.	SHEET METAL SCREWS	S.M.S.
ARCHITECTURAL	ARCH.	EXPANSION	EXP.	MAXIMUM	MAX.	SHELVES	SH.
ASPHALT CONCRETE	A.C.	EXPANSION JOINT	E.J.	MECHANICAL	MECH.	SHT. METAL SCREWS	SML.,SIM
		EXTERIOR	EXT.	MEDIUM	MED.	SIMILAR	
BACKBOARD	BACKBRD.			MEMBRANE	MBNE.	SINK	S.
BEAM	BM	FABRIC WALL COVERING	F.W.C.	METAL	MTL.	SOAP DISPENSER	S.D.
BENCH MARK	B.M.	FACE OF BLOCK	F.O.B.	METAL PLANAR CEILING	M.P.C.	SPECIFICATION	SPEC.
BETWEEN	BTWN.	FACE OF CONCRETE	F.O.C.	METAL TOILET PARTITION	M.T.P.	SPLASH	SPL.
BLOCK	BLK.	FACE OF STUD	F.O.S.	MILLIMETER	MILL.	SPLASH BLOCK	S.B.
BOTTOM	BTM.,BTTM.	FACE OF WALL	F.O.W.	MINIMUM	MIN.	SQUARE	SQ.
BUILDING	BLDG.	FACTORY FINISH	F.F.	MISCELLANEOUS	MISC.	STAINLESS STEEL	S.S.
		FEET/FOOT	FT.	MULLION	MULL.	STANDARD	STD.
CABINET	CAB.	FEMININE NAPKIN DISPOSAL	F.N.D.			STEEL	STL.
CADMIUM	CAD.	FIBER GLASS	F.G.,FIBERGL.	NOT IN CONTRACT	N.I.C.	STORAGE	STOR.
CARPET	CPT.	FINISH	FIN.	NOT TO SCALE	N.T.S.	STIFFENER	STIFF.
CARRIAGE BOLT	C.B.	FIRE EXTINGUISHER CABINET	F.E.C.	NUMBER	NO.,#	STRUCTURAL	STRUCT.,ST.
CAST IRON	C.I.	FIRE RATED GYP. BD.	F.R.G.B.			SUSPENDED	SUSP.
CEILING	CLG.,CEL'G.	FIXED GLASS	F.G.	OPPOSITE HAND	O.H.	SUSPENDED ACOUSTIC CEILING TILE	S.A.T.C.
CEILING DIFFUSER	C.D.	FLAT HEAD	F.H.	OPPOSITE	OPP.	SWITCH	SW.
CEILING GRILLE	C.G.	FLOOR	FLR.	ON CENTER	O.C.		
CEILING REGISTER	C.R.	FLOOR DRAIN	F.D.	OPENING	OPG.	TELEPHONE	TEL.,TELE.
CEMENT	CEM.	FLUORESCENT	FLUOR.	OUTSIDE DIAMETER/DIMENSION	O.D.	THICK	THK.
CENTERLINE	C.L.	FOOTING	FTG.	OVAL HEAD	O.H.	THRESHOLD	THR.
CERAMIC TILE	C.T.	FOUNDATION	FDN.	OVER (ON)	O/	TOILET PAPER	T.P.
CIRCUIT	CRT.	FRAMING	FRM'G.	OVERFLOW	OVFL.	TOILET PAPER HOLDER	T.P.H.
CLEANOUT	C.O.			OVERHAND	OH.	TOLERANCE	TOL.
CLEAR	CLR.	GAGE/GAUGE	GA.			TRANSFORMER	TRANS.
COLD WATER	C.W.	GALVANIZE	GALV.	PAINT	PT.	TYPICAL	TYP.
COLUMN	COL.	GALVANIZED IRON	G.I.	PAIR	PR.		
COMBINATION/COMBUSTION	COMB.	GLASS	GL.	PAPER TOWEL DISPENSER	P.T.D.	UNDERWRITERS LABORATORY	U.L.
COMPOSITION, COMPOSITE	COMP.	GRAB BAR	G.B.	PLASTIC	PLAS.	UNLESS OTHERWISE NOTED	U.O.N.
CONCRETE	CONC.	GRADE	GR.	PLATE	PL.	URINAL	UR.
CONCRETE MASONRY UNIT	C.M.U.	GROUND	GND.	PLATED	PLTD.		
CONDITION	COND.	GYPSUM	GYP.	PLUMBING	PLBG.	VENTILATE /VENTILATION	VENT.
CONNECTION	CONN.	GYPSUM BOARD	G.B.,GYP.BD.	PLYWOOD	PLYWD.	VENT THROUGH ROOF	V.T.R.
CONSTRUCTION	CONST.			POINT	PT.	VERIFY IN FIELD	V.I.F.
CONSTRUCTION JOINT	C.J.			POINT OF CONNECTION	P.O.C.	VERTICAL	VERT.
CONTINUOUS	CONT.	HARDWARE	HDW,HDWR.	POUND	LB.,#	VINYL COMPOSITION TILE	V.C.T.
CONTRACTOR	CONTR.	HEAD	HD.	POUND PER SQ. FOOT	P.S.F.	VINYL WALL COVERING	V.W.C.
COORDINATE	COORD.	HEADER	HDR.	POUND PER SQ. INCH	P.S.I.	VOLUME	VOL.
COUNTERSINK	CSK.	HEIGHT	HT.,H.				
		HOLLOW METAL	H.M.	QUARTER	QTR.	WATER CLOSET	W.C.
DEPARTMENT	DEPT.	HORIZONTAL	HORIZ.			WATER PROOF	W.P.
DEPTH, DEEP	D.	HOT WATER	H.W.	RADIUS	R.,RAD.	WATER RESISTANT	W.R.
DETAIL	DET.,DTL.	HOSE BIBB	H.B.	RAINWATER LEADER	R.W.L.	WIDTH	W.
DIAGONAL	DIAG.			RECEPTACLE	RECEPT.	WIRE GLASS	W.GL.
DIAMETER	DIA.	INCH	IN.	REFLECTED	REFL'D.	WITH	W/
DIMENSION	DIM.	INSIDE DIAMETER/DIMENSION	I.D.	REFRIGERATOR	REF.	WITHOUT	W/O
DISPENSER/DISPOSAL	DISP.	INSULATION	INSUL.	REINFORCING	REINF.	WOOD	WD.
DIVISION	DIV.	INTERIOR	INT.	REMOVABLE	REMOV.	WOOD SCREWS	W.S.
DOOR	DR.			REQUIRED	REQ'D.		
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
FREMONT ELEMENTARY SCHOOL
607 TEXAS ST.
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. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROADS AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCE
4. THE FOLLOWING SHALL BE ON THE JOB SITE PRIOR TO THE INSTALLATION OF THE UNIT, INCLUDING THE SERIAL NUMBER FOR EACH UNIT.
   A. IN-PLANT FINAL VERIFIED REPORT
   B. WELDING VERIFIED REPORT
5. REFER TO RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS FOR ALL INFORMATION REGARDING THE RELOCATABLE BUILDINGS

SCOPE OF WORK

- RELOCATION OF (3) PORTABLE CLASSROOM BUILDINGS AND METAL RAMPS AND CONSTRUCTION OF UTILITY SERVICES ON AN EXISTING ELEMENTARY SCHOOL CAMPUS.
- CLASSROOMS TO BE RELOCATED FROM AN OFF-SITE STOCKPILE AND TO BE USED STRICTLY FOR TEMPORARY USE.
- CONSTRUCTION OF WOOD FOUNDATIONS FOR (3) PORTABLE BUILDINGS

SHEET INDEX

SHT. NO.	DESCRIPTION
	GENERAL
T1.01	TITLE SHEET
	ARCHITECTURAL
A1.01	SITE PLAN
A1.01 FMA	REFERENCE SITE PLAN - FIRE MARSHAL APPROVED
A1.02	ENLARGED SITE PLAN
A1.03	SITE DETAILS
	ELECTRICAL
E-1	SITE PLAN - ELECTRICAL
E-2	POWER AND SIGNAL PLAN
E-3	FIRE ALARM PLAN
E-4	DETAILS AND SYSTEM DIAGRAMS
	STOCKPILE # 66341 - 24'x40' RELOCATABLE BUILDING BY "MODTECH INC." (STKP-109)
A.0	COVER SHEET
A1.0A	FLOOR PLAN (24x40)
A3.0A	EXTERIOR ELEVATION (24x40) DUAL PITCH
F0.1	FOUNDATION PLAN (24x40)
F3.0	FOUNDATION DETAILS WOOD
S1.0	FLOOR FRAMING PLAN (TYP 50 PSF)
E1.0A	ELECTRICAL PLAN
R1.0	RAMP / LANDING
R2.0	RAMP / STAIR DETAILS
	STOCKPILE # 04-101984 - 24'x40' RELOCATABLE BUILDING BY "MODTECH INC." (STKP-111)
A.0	COVER SHEET
A1.0	FLOOR PLAN (24x40)
A3.0	EXTERIOR ELEVATION (24x40) DUAL PITCH
F1.0	FOUNDATION PLAN (24x40) 50 PSF (WOOD)
F2.0	FOUNDATION DETAILS
S1.2	FLOOR FRAMING DETAILS (TYPICAL)
E1.0	ELECTRICAL PLAN (24x40)
R1.00	RAMP / LANDING PLAN w/ 11' RAMP
R1.02	RAMP / STAIR DETAILS

BUILDING DATA

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

TEMP CLASSROOMS
3 (N) CLASSROOMS @ 960 S.F. (24'x40') EA. = 2,880 S.F.
6 (E) CLASSROOMS @ 960 S.F. (30'x32') EA. = 5,760 S.F.
3 (N) OVERHANGS @ 120 S.F. EA. = 360 S.F.
6 (E) OVERHANGS @ 150 S.F. EA. = 900 S.F.
TOTAL = 9,900 S.F.

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

9,900 PROPOSED > 9,500 ALLOWABLE = AREA INCREASE REQUIRED

AREA INCREASE (CBC SECTION 506)
AREA INCREASE (2-SIDES) = $A_t + (A_t \times I_f) + (A_t + I_s)$ where $I_f = \frac{(F/P - 0.25)W}{30}$
AREA INCREASE (2 SIDES) = $9500 + (9500 \times 0.25) = 11{,}875$ S.F.
$I_f = \frac{(266/532 - 0.25)30}{30} = 0.25$
9,900 PROPOSED < 11,875 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 JULY 17, 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 ☐ CIVIL

SIGNATURE OF THE ARCHITECT/ENGINEER — DATE 7/22/14
NAME, TITLE, AFFILIATION
CURTIS E. FLYNN, ARCHITECT, INTEGRATED DESIGNS BY SOMAM, INC.

C-28966 — LICENSED NUMBER
05-31-15 — EXPIRATION DATE

SYMBOLS

SECTION KEY — SECTION IDENTIFICATION / SHEET NUMBER (A / A3.03)
DETAIL KEY — DETAIL NUMBER / SHEET NUMBER (1 / A2.01)
INTERIOR ELEVATION KEY — ELEVATION DIRECTION / ELEVATION IDENTIFICATION / SHEET NUMBER (A, D, 1, B, C / A5.01)
ELEVATION DATUM — INDICATES HEIGHT IN RELATION TO 0'-0" (+1'-0")
ROOM NUMBER / FINISH TAG — ROOM NAME / ROOM NUMBER (OFFICE / 100)
WINDOW SCHEDULE KEY (A)
KEYNOTE SCHEDULE KEY (1)
DOOR SCHEDULE KEY (201)

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www.integrateddesigns.com

Revision:	Revision Description:	Rev. Date:

SCANNED

Sheet Title: TITLE SHEET

Project Name & Address:
3 RELOCATABLE CLASSROOMS
FREMONT ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS ST. BAKERSFIELD, CA 93307

Issue Date:	Date:	Designer:	DR:	PC:
07/10/14	07/09/14	--	--	CJH

Agency Approval Stamp:
DSA; J. Vitale FLS; C. Osmond SS#; T. Dekruyff
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP# 03 / 115690
AC XW FLS CO SS JB
DATE 7/24/14

Stamp(s):
LICENSED ARCHITECT CURTIS E. FLYNN No. C 28966 REN. 5-31-15 STATE OF CALIFORNIA
SCANNED

Job No.: 5124

Sheet No.: T1.01

Release: -

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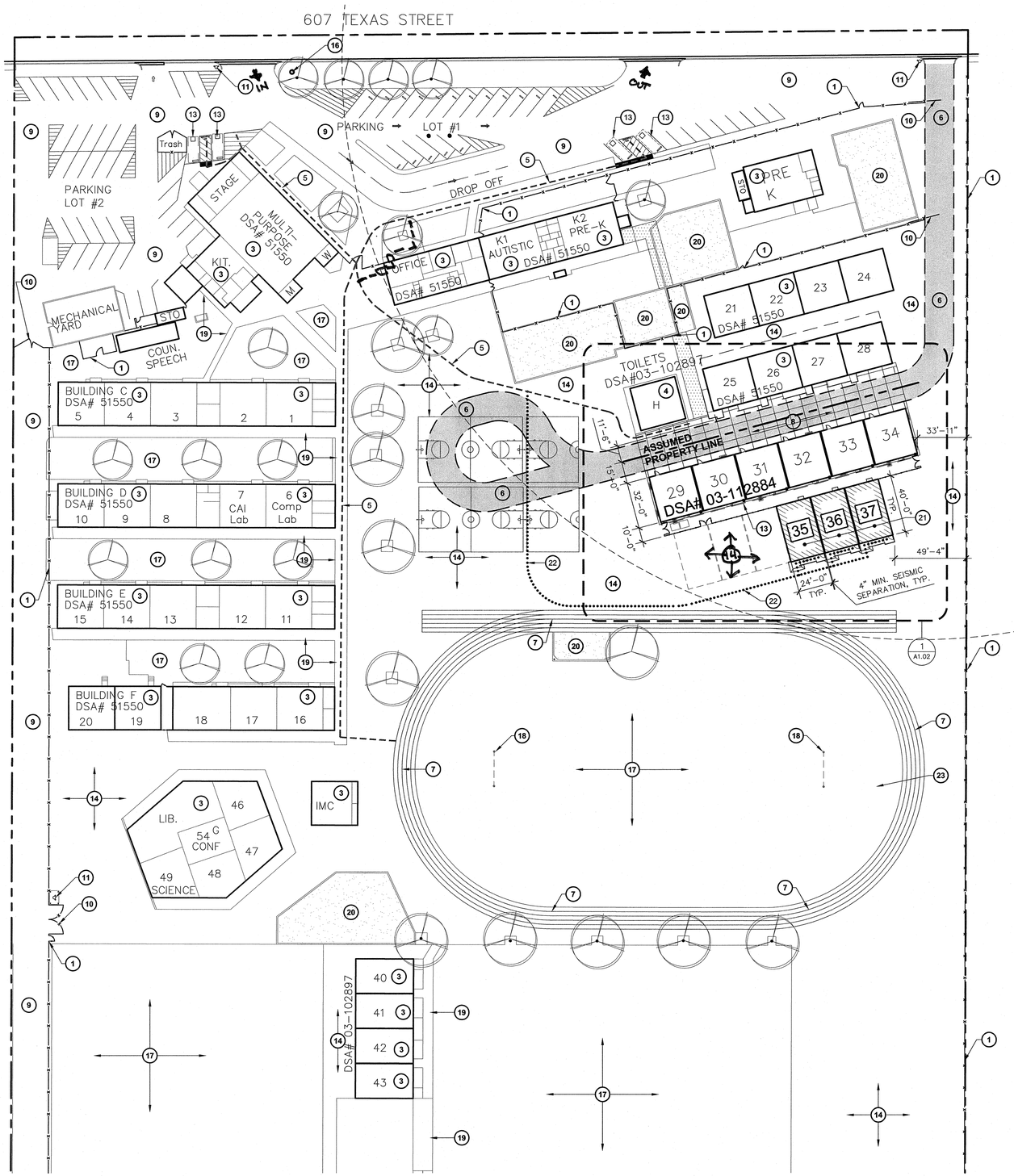

SITE PLAN

FREMONT ELEMENTARY SCHOOL

SCALE: 1" = 40'

GENERAL NOTES

A. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO BID. IF ANY DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF LAYOUTS AND ESTABLISHED LOCATIONS OF BURIED UTILITY LINES. ANY UTILITIES REQUIRING RELOCATION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR CONTACT APPLICABLE GOVERNING AGENCIES REGARDING ARRANGEMENT AND COORDINATION OF WORK.

C. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY COMPACTION RETEST DUE TO INITIAL FAILURE.

D. PROJECT INSPECTOR SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

E. A COPY OF TITLE-24, ALL PARTS APPLICABLE, TO BE KEPT AT THE JOB SITE AT ALL TIMES.

F. ADDENDA SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE) AND APPROVED BY DSA.

G. C.C.D.s SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE), OWNER AND APPROVED BY DSA.

H. TESTING LAB SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

I. ALL WORK SURFACES DISTURBED OR DAMAGED BY THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN KIND, TEXTURED AND FINISHED TO MATCH ADJACENT SURFACES.

J. NEW CONCRETE WALKS SHALL HAVE SLOPES NOT TO EXCEED 1 IN 20 IN THE DIRECTION OF PATH OF TRAVEL. PROVIDE CONTROL JOINTS ("C.J.")AT 5'-0" o.c. MAX. AND EXPANSION JOINTS NOT TO EXCEED 30'-0" MAX. PROVIDE MEDIUM BROOM FINISH ON ALL WALKS.

K. ALL BUILDING AND ROOM NAMES INDICATED ON THESE CONSTRUCTION DOCUMENTS ARE "NOT" THE ACTUAL BUILDING/ ROOM SIGNAGE DESIGNATION. THE GENERAL CONTRACTOR SHALL FURNISH, INSTALL AND COORDINATE ALL REQUIRED SIGNAGE WITH THE OWNER/ARCHITECT PRIOR TO STARTING CONSTRUCTION.

L. GENERAL CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE RELOCATABLE BUILDING DELIVERY DATES TO THE SCHOOL SITE WITH THE MFGR.

M. THE GENERAL CONTRACTOR SHALL CONSTRUCT ALL NEW RELOCATABLE BUILDING FOUNDATIONS AS PER THE RELOCATABLE BUILDING MANUFATCTURER'S DRAWINGS AND SPECIFICATIONS.

N. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL HOOK-UPS TO THE RELOCATABLE BUILDINGS AFTER INSTALLATION HAS BEEN COMPLETED BY THE MANUFACTURER.

O. 5'-0" DEEP x 5'-0" WIDE MINIMUM LANDINGS AT DOORWAYS SHALL BE AS DETAILED AND SHALL HAVE SLOPES (IN ANY DIRECTION) OF NOT GREATER THAN 1/4 IN 12 SLOPE. SLOPES SHALL BE AWAY FROM DOORWAYS.

P. GENERAL/SITE CONTRACTOR SHALL FIELD VERIFY THAT EXISTING PATH OF TRAVEL (P.O.T.) IS A MINAMUM OF 4'-0" WIDE AND IS SLIP RESISTANT. IF IT IS NOT, THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF RECORD AND A REMEDY OR ALTERNATE P.O.T. WILL BE PROVIDED.

Q. THE MAXIMUM DROP BETWEEN EXISTING FINISHED GRADES AND THE TOP OF THE P.O.T. SHOULD NOT EXCEED 4". IF IT DOES, PROVIDE THE NECESSARY WARNING CURB PER CBC SEC. 11B-303.5.

KEYNOTES

1. EXISTING CHAIN LINK FENCE AND GATE TO REMAIN
2. EXISTING ACCESSIBLE PARKING SIGNAGE, DSA# 03-102897, MOUNTED TO EXISTING C.L. FENCE
3. EXISTING BUILDING TO REMAIN, NO WORK
4. EXISTING ACCESSIBLE RESTROOM BUILDING PER DSA #03-102897, NO WORK (W. LUCAS SPREATE, STUDENT AND STAFF R.R.)
5. EXISTING ACCESSIBLE PATH OF TRAVEL TO REMAIN, VERIFY IN FIELD
6. EXISTING 20' WIDE FIRE TRUCK ACCESS LANE OVER EXISTING PAVING, APPROVED BY THE LOCAL JURISDICTION.
7. EXISTING TRACK STRIPING TO REMAIN
8. EXISTING CONCRETE WALK WITH MEDIUM BROOM FINISH
9. EXISTING A.C. PAVED PARKING LOT TO REMAIN
10. EXISTING 20' WIDE CHAIN LINK FIRE TRUCK ACCESS GATE. PROVIDE NEW KNOX PAD LOCK PER KERN COUNTY STANDARDS
11. EXISTING FIRE HYDRANT TO REMAIN
12. EXISTING PAIR OF 48" ACCESSIBLE GATES TO REMAIN LOCKED IN THE OPEN POSITION DURING SCHOOL HOURS
13. EXISTING ACCESSIBLE PARKING STALL PER DSA APPL. #03-112884
14. EXISTING A.C. PAVING TO REMAIN
15. PROVIDE 2" WIDE WHITE STRIPING WHERE REQUIRED TO MATCH WITH EXISTING TRACK CONFIGURATION WITHIN THE AREA OF THE NEW AC-PAVING
16. EXISTING TOW-AWAY SIGN MOUNTED TO EXISTING POLE PER DSA APPL. #03-112884
17. EXISTING TURF TO REMAIN, NO WORK
18. EXISTING GOAL POST TO REMAIN
19. EXITING CONCRETE WALK TO REMAIN
20. EXISTING SAND BOX PLAY AREA TO REMAIN
21. NEW MODULAR CLASSROOM ON WOOD FOUNDATION w/ METAL RAMPS INSTALLED PER MANUFACTURERS DRAWINGS
22. PROPOSED ACCESSIBLE PATH OF TRAVEL (P.O.T.) REFER TO ACCESSIBILITY NOTE, THIS SHEET

PARKING CALCULATION

PARKING LOT #1

TOTAL STALLS PROVIDED:	27
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

PARKING LOT #2

TOTAL STALLS PROVIDED:	37
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

ARCHITECT HAS INSPECTED THE PATH OF TRAVEL (P.O.T.) AS INDICATED ON THE PLANS AND HAS FOUND IT TO BE, OR HAS INDICATED ON THE PLANS REMEDIAL WORK WHICH WOULD CAUSE IT TO BE, A BARRIER-FREE ACCESSIBLE ROUTE:

- AT LEAST 48" IN WIDTH; OR AS APPROVED BY CODE
- FREE OF ABRUPT LEVEL CHANGES EXCEEDING ¼" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING ¼"
- WITH A FIRM, STABLE, AND SLIP RESISTANT WALKING SURFACE
- WITH A RUNNING SLOPE OF 1:20 (5%) OR LESS AND WITH A CROSS SLOPE OF 1:50 (2%) OR LESS OR A RAMP WITH A RUNNING SLOPE OF 1:12 (8.33%) AND A CROSS SLOPE OF 1:50 (2%) WITH APPROPRIATE REQUIREMENTS AS DETAILED WITHIN THIS SET OF DOCUMENTS.
- IS FREE OF OVERHEAD OBSTRUCTIONS WITHIN 80" ABOVE THE WALKING SURFACE
- IS FREE OF OBJECTS WHICH PROTRUDE MORE THAN 4" BETWEEN THE HEIGHTS OF 27" AND 80" ABOVE THE WALKING SURFACE

LEGEND

- INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
- INDICATES NEW PORTABLE BUILDING UNDER THIS APPLICATION
- INDICATES EXISTING FIRE TRUCK ACCESS OVER AC PAVING
- 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:	Revision:	Revision Description:	Rev. Date:

Sheet Title: SITE

Project Name & Address:
3 RELOCATABLE CLASSROOMS
FREMONT ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS ST. BAKERSFIELD, CA 93307

Issue Date:	Date:	Designer:	DR:	PC:
05/27/14	06/18/14	--	--	CJH

Agency Approval Stamp:

IDENTIFICATION STAMP
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AC FLS SS JB
DATE 7/24/14

Stamp(s):

LICENSED ARCHITECT
CURTIS E. FITZPATRICK
No. C 28566
REN. 5-31-15
STATE OF CALIFORNIA

Job No.: 5124

Sheet No.: A1.01

Release: -

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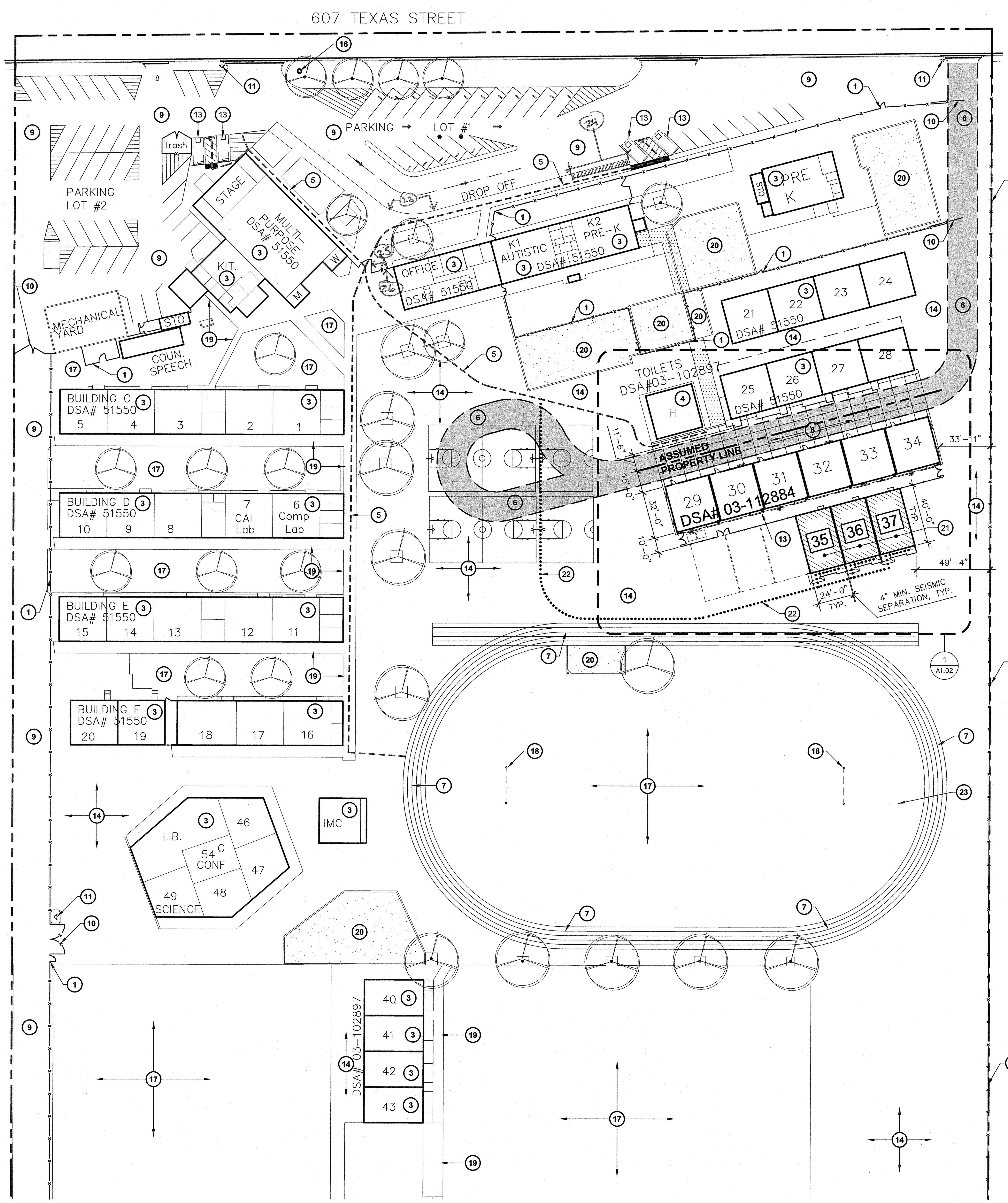

SITE PLAN

FREMONT ELEMENTARY SCHOOL

SCALE: 1" = 40'

GENERAL NOTES

A. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO BID. IF ANY DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF LAYOUTS AND ESTABLISHED LOCATIONS OF BURIED UTILITY LINES. ANY UTILITIES REQUIRING RELOCATION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR CONTACT APPLICABLE GOVERNING AGENCIES REGARDING ARRANGEMENT AND COORDINATION OF WORK.

C. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY COMPACTION RETEST DUE TO INITIAL FAILURE.

D. PROJECT INSPECTOR SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

E. A COPY OF TITLE-24, ALL PARTS APPLICABLE, TO BE KEPT AT THE JOB SITE AT ALL TIMES.

F. ADDENDA SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE) AND APPROVED BY DSA.

G. C.C.D.s SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE), OWNER AND APPROVED BY DSA.

H. TESTING LAB SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

I. ALL WORK SURFACES DISTURBED OR DAMAGED BY THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN KIND, TEXTURED AND FINISHED TO MATCH ADJACENT SURFACES.

J. NEW CONCRETE WALKS SHALL HAVE SLOPES NOT TO EXCEED 1 IN 20 IN THE DIRECTION OF PATH OF TRAVEL. PROVIDE CONTROL JOINTS ("C.J.")AT 5'-0" o.c. MAX. AND EXPANSION JOINTS NOT TO EXCEED 30'-0" MAX. PROVIDE MEDIUM BROOM FINISH ON ALL WALKS.

K. ALL BUILDING AND ROOM NAMES INDICATED ON THESE CONSTRUCTION DOCUMENTS ARE "NOT" THE ACTUAL BUILDING/ ROOM SIGNAGE DESIGNATION. THE GENERAL CONTRACTOR SHALL FURNISH, INSTALL AND COORDINATE ALL REQUIRED SIGNAGE WITH THE OWNER/ARCHITECT PRIOR TO STARTING CONSTRUCTION.

L. GENERAL CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE RELOCATABLE BUILDING DELIVERY DATES TO THE SCHOOL SITE WITH THE MFGR.

M. THE GENERAL CONTRACTOR SHALL CONSTRUCT ALL NEW RELOCATABLE BUILDING FOUNDATIONS AS PER THE RELOCATABLE BUILDING MANUFATCTURER'S DRAWINGS AND SPECIFICATIONS.

N. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL HOOK-UPS TO THE RELOCATABLE BUILDINGS AFTER INSTALLATION HAS BEEN COMPLETED BY THE MANUFACTURER.

O. 5'-0" DEEP x 5'-0" WIDE MINIMUM LANDINGS AT DOORWAYS SHALL BE AS DETAILED AND SHALL HAVE SLOPES (IN ANY DIRECTION) OF NOT GREATER THAN 1/4 IN 12 SLOPE. SLOPES SHALL BE AWAY FROM DOORWAYS.

P. GENERAL/SITE CONTRACTOR SHALL FIELD VERIFY THAT EXISTING PATH OF TRAVEL (P.O.T.) IS A MINAMUM OF 4'-0" WIDE AND IS SLIP RESISTANT. IF IT IS NOT, THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF RECORD AND A REMEDY OR ALTERNATE P.O.T. WILL BE PROVIDED.

Q. THE MAXIMUM DROP BETWEEN EXISTING FINISHED GRADES AND THE TOP OF THE P.O.T. SHOULD NOT EXCEED 4". IF IT DOES, PROVIDE THE NECESSARY WARNING CURB PER CBC SEC. 11B-303.5.

24. PROVIDE NEW TRUNCATED DOMES 3 ft WIDE ALONG THE LENGTH OF SIDEWALK THAT IS FLUSH WITH THE AC PAVING PER DETAIL 11/A1.03

25. EXISTING GATE TO REMAIN LOCKED IN THE OPEN POSITION DURING SCHOOL HOURS.

26. PROVIDE NEW 4 ft WIDE GATE PER 15&16/A1.03

KEYNOTES

1. EXISTING CHAIN LINK FENCE AND GATE TO REMAIN
2. EXISTING ACCESSIBLE PARKING SIGNAGE, DSA# 03-102897, MOUNTED TO EXISTING C.L. FENCE
3. EXISTING BUILDING TO REMAIN, NO WORK
4. EXISTING ACCESSIBLE RESTROOM BUILDING PER DSA #03-102897, NO WORK
5. EXISTING ACCESSIBLE PATH OF TRAVEL TO REMAIN, VERIFY IN FIELD
6. EXISTING 20' WIDE FIRE TRUCK ACCESS LANE OVER EXISTING PAVING, APPROVED BY THE LOCAL JURISDICTION.
7. EXISTING TRACK STRIPING TO REMAIN
8. EXISTING CONCRETE WALK WITH MEDIUM BROOM FINISH
9. EXISTING A.C. PAVED PARKING LOT TO REMAIN
10. EXISTING 20' WIDE CHAIN LINK FIRE TRUCK ACCESS GATE. PROVIDE NEW KNOX PAD LOCK PER KERN COUNTY STANDARDS
11. EXISTING FIRE HYDRANT TO REMAIN
12. EXISTING PAIR OF 48" ACCESSIBLE GATES TO REMAIN LOCKED IN THE OPEN POSITION DURING SCHOOL HOURS
13. EXISTING ACCESSIBLE PARKING STALL PER DSA APPL. #03-112884
14. EXISTING A.C. PAVING TO REMAIN
15. PROVIDE 2" WIDE WHITE STRIPING WHERE REQUIRED TO MATCH WITH EXISTING TRACK CONFIGURATION WITHIN THE AREA OF THE NEW AC-PAVING
16. EXISTING TOW-AWAY SIGN MOUNTED TO EXISTING POLE PER DSA APPL. #03-112884
17. EXISTING TURF TO REMAIN, NO WORK
18. EXISTING GOAL POST TO REMAIN
19. EXISTING CONCRETE WALK TO REMAIN
20. EXISTING SAND BOX PLAY AREA TO REMAIN
21. NEW MODULAR CLASSROOM ON WOOD FOUNDATION w/ METAL RAMPS INSTALLED PER MANUFACTURERS DRAWINGS
22. PROPOSED ACCESSIBLE PATH OF TRAVEL (P.O.T.) REFER TO ACCESSIBILITY NOTE, THIS SHEET
23. EXISTING CONC. CURB

PARKING CALCULATION

PARKING LOT #1

TOTAL STALLS PROVIDED:	27
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

PARKING LOT #2

TOTAL STALLS PROVIDED:	37
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

ARCHITECT HAS INSPECTED THE PATH OF TRAVEL (P.O.T.) AS INDICATED ON THE PLANS AND HAS FOUND IT TO BE, OR HAS INDICATED ON THE PLANS REMEDIAL WORK WHICH WOULD CAUSE IT TO BE, A BARRIER-FREE ACCESSIBLE ROUTE:

- AT LEAST 48" IN WIDTH; OR AS APPROVED BY CODE
- FREE OF ABRUPT LEVEL CHANGES EXCEEDING ¼" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING ¼"
- WITH A FIRM, STABLE, AND SLIP RESISTANT WALKING SURFACE
- WITH A RUNNING SLOPE OF 1:20 (5%) OR LESS AND WITH A CROSS SLOPE OF 1:50 (2%) OR LESS OR A RAMP WITH A RUNNING SLOPE OF 1:12 (8.33%) AND A CROSS SLOPE OF 1:50 (2%) WITH APPROPRIATE REQUIREMENTS AS DETAILED WITHIN THIS SET OF DOCUMENTS.
- IS FREE OF OVERHEAD OBSTRUCTIONS WITHIN 80" ABOVE THE WALKING SURFACE
- IS FREE OF OBJECTS WHICH PROTRUDE MORE THAN 4" BETWEEN THE HEIGHTS OF 27" AND 80" ABOVE THE WALKING SURFACE

LEGEND

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

LOCAL FIRE AUTHORITY REVIEW

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:	FREMONT ELEMENTARY SCHOOL
Project Address:	607 TEXAS ST. BAKERSFIELD, CA 93307

LOCAL FIRE AUTHORITY (LFA)

LFA Agency Name:
LFA Reviewer Name: Title:
Email: Telephone Number:

I have reviewed and responded to the applicable items for this project as listed below.
Note: Only sign this form when it is imaged onto the site plan. A loose form is not acceptable to DSA.

LFA Reviewer's Signature: [signature] Date: 5-21-14

Review Key: "Y" = Complies with LFA Requirements; "N" = Not approved (complete Section 8); "NA" = Not applicable to this 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 & 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 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 ☐ WIFA (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)

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6011 N. Fresno, Suite 130 – Fresno, California 93710
Phone (559) 436-0881 Fax (559) 436-0887 E-Mail: design@somam.com
www.integrateddesigns.com

Revision:	Revision Description:	Rev. Date:

Sheet Title: SITE PLAN
FIRE MARSHAL APPROVED

Project Name & Address: 3 RELOCATABLE CLASSROOMS
FREMONT ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS ST. BAKERSFIELD, CA 93307

Issue Date:	05/27/14
Date:	05/20/14
Designer:	--
DR:	--
PC:	CJH

Agency Approval Stamp:
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP 03-115690
AC [signature] FLS CO SS TB
DATE 7/24/14

Stamp(s):
LICENSED ARCHITECT CURTIS E. FLYNN No. C 28966 REN. 5-31-__ STATE OF CALIFORNIA

Job No.: 5124

Sheet No.: A1.01

Release: - FMA

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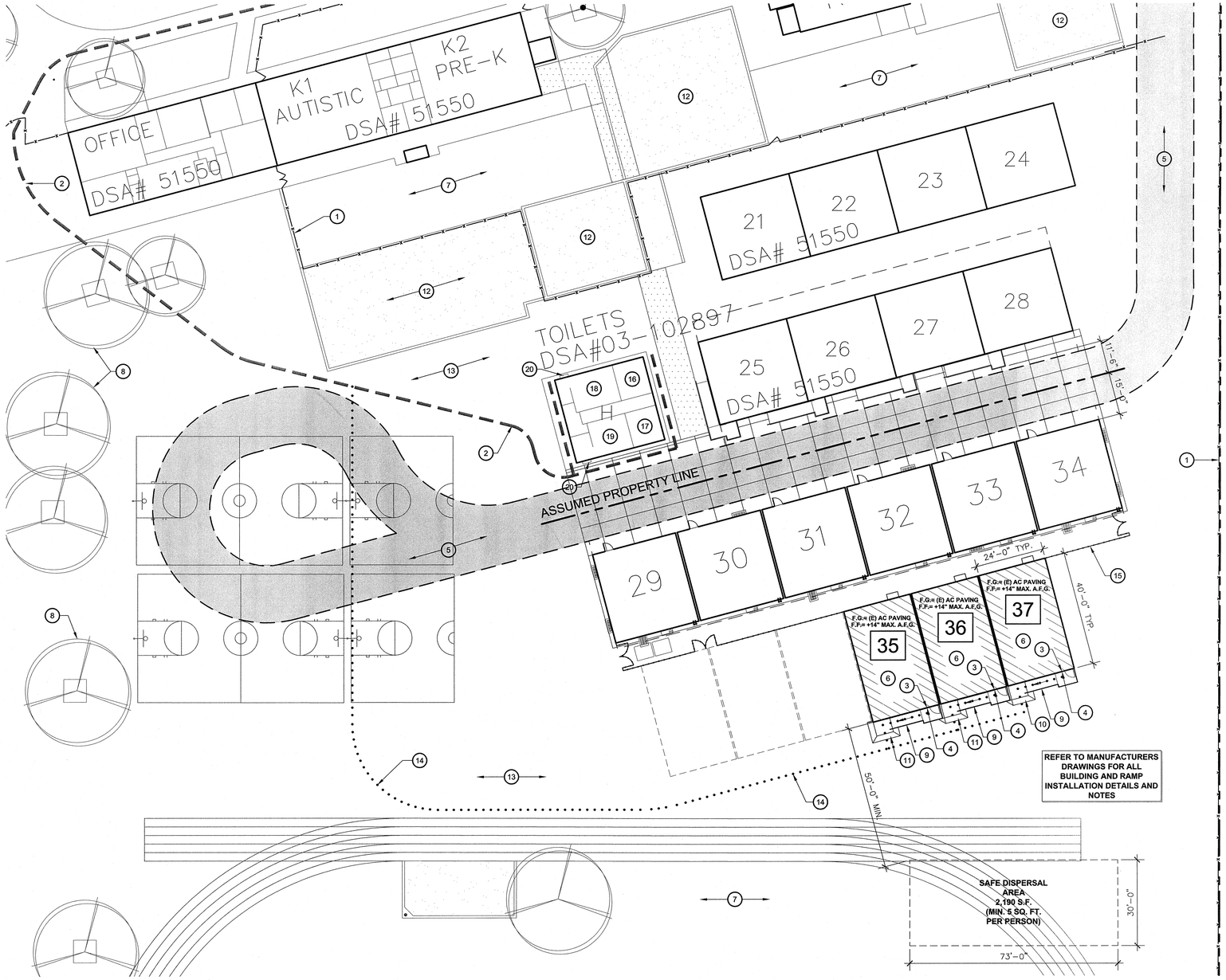

ENLARGED SITE PLAN

FREMONT ELEMENTARY SCHOOL

SCALE: 1" = 20'

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 TREE AND PLANTER TO REMAIN
9. METAL RAMP PER 2/R1.0 OR 2/R1.00
10. RAMP TRANSITION PER 18/R1.02
11. RAMP TRANSITION PER 19/R2.0
12. EXISTING SAND BOX PLAY AREA TO REMAIN, NO WORK
13. EXISTING A.C. PAVING TO REMAIN, NO WORK
14. PROPOSED ACCESSIBLE PATH OF TRAVEL PER THIS APPLICATION. SEE ACCESSIBILITY NOTES, SHEET A1.01
15. EXISTING CHAIN LINK MECHANICAL ENCLOSURE TO REMAIN. REMOVE PORTION OF FENCING AT NEW PORTABLE LOCATIONS
16. EXISTING MENS RESTROOM PER DSA APPL. NO. 03-102897
17. EXISTING WOMENS RESTROOM PER DSA APPL. NO. 03-102897
18. EXISTING BOYS RESTROOM PER DSA APPL. NO. 03-102897
19. EXISTING GIRLS RESTROOM PER DSA APPL. NO. 03-102897
20. EXISTING ACCESSIBLE DRINKING FOUNTAIN PER DSA APPL. NO. 03-102897

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

SERIAL NUMBER SCHEDULE

CLSRM	STKP #	SERIAL #
35	66341 (109)	23133 / 23134
36	66341 (109)	29914 / 29915
37	04-101984 (111)	44997 / 44998

SAFE DISPERAL

TEMP CLASSROOMS

6 (E) CLASSROOMS @ 960 S.F. (30'x32') EA. = 5,760 S.F.
3 (N) CLASSROOMS @ 960 S.F. (24'x40') EA. = 2,880 S.F.
TOTAL = 8,640 S.F.

8,640 S.F. / 20 S.F. PER OCCUPANT	= 432 OCCUPANTS
432 OCCUPANTS x 5 S.F. / OCCUPANT	2,160 S.F. REQ'D
2,190 S.F. PROVIDED	= OK

LEGEND

- INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
- INDICATES NEW TEMPORARY RELOCATABLE BUILDING
- HALF-TONE DASHED LINE INDICATES EXISTING ACCESSIBLE PATH OF TRAVEL
- INDICATES NEW ACCESSIBLE PATH OF TRAVEL PER THIS APPLICATION

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

Sheet Title: ENLARGED SITE PLAN

Project Name & Address:
3 RELOCATABLE CLASSROOMS
FREMONT ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS ST. BAKERSFIELD, CA 93307

Issue Date:	Date:	Designer:	DR:	PC:
05/27/14	06/19/14	--	--	CJH

Agency Approval Stamp:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP'D. 115009
AC KW FLOOR 60 SS TB
DATE 7/29/14

Stamp(s):

LICENSED ARCHITECT
CURTIS E. ELWIN
No. C 28966
REN. 8-31-15
STATE OF CALIFORNIA

Job No.: 5124

Sheet No.: A1.02

Release: -

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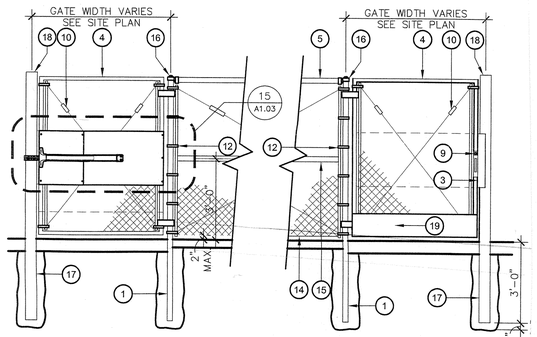
1" = 40'-0"
1" = 30'-0"
1" = 20'-0"
1/8" = 1'-0"
1/4" = 1'-0"

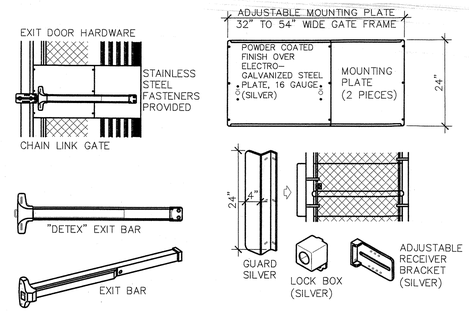


16 / A1.03 ACCESSIBLE ENTRY GATE AND TYPICAL 6' FENCE
ADY100-06
SCALE: N.T.S.

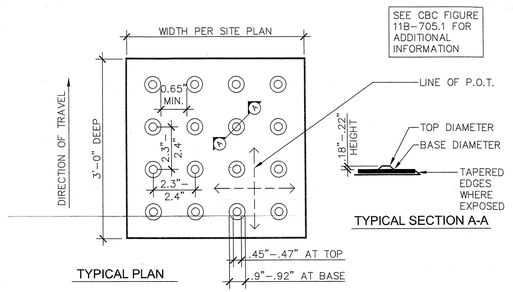
FENCE ITEMS TO BE FURNISHED & INSTALLED

1. 4" O.D. GALVANIZED STEEL GATE POST (9.1 lb/ft)
2. 180° HINGE (TYP. FOR 4)
3. 16ga GATE GUARD, SEE 15/A1.03
4. 2" O.D. GALVANIZED STEEL GATE FRAME (2.72 lb/ft) (2"x2" TUBE AT SINGLE ENTRY MAN-GATES)
5. 1 5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL (2.27 lb/ft)
6. 2"x2" MESH x 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW)
7. 1/4"x3/4" GALVANIZED STEEL STRETCHER BAR
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. TRIM, TUBULAR HANDLE & RIM CYLINDER LOCK PER DISTRICT STANDARD
10. GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIA. TRUSS ROD
11. 3/8" DIA. GALVANIZED STEEL ADJUSTABLE TRUSS ROD. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS AND END OR CORNER POST PANELS
12. GALVANIZED STEEL STRETCHER BAR TENSION BAND AT 12" MAX. SPACING. MIN. OF 12 TENSION BANDS FOR 12'-0" POST; MIN. OF 6 TENSION BANDS FOR 6'-0" POSTS
13. 3/8"x6" GALVANIZED HOOK BOLT WITH NUT IMBEDDED IN MOWSTRIP MIDWAY BETWEEN POSTS
14. 7 GAUGE (0.177" DIA.) GALVANIZED STEEL TENSION WIRE
15. 1 5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL TO BE ADDED TO 6'-0" HIGH CHAIN LINK FENCE AROUND KINDERGARTEN PLAY AREA ONLY AND AT END OF BASKETBALL COURTS
16. RAINPROOF CAP
17. 4"x4"x3/16" H.S.S.
18. 3/16" CAP PL W/ 3/16" FILLET WELD, GRIND SMOOTH
19. POWDER COATED FINISH OVER ELECTRO-GALVANIZED 10"x GATE WIDTH, 16ga MTL. PLATE (SILVER). BOTH SIDES OF EACH GATE.
20. 5-1/2" THICK CONCRETE MOWSTRIP AT GATE OPENING
21. CLASS B CONCRETE POST FOOTING (TYP.)

NOTES:
1. CONTRACTOR TO PROVIDE AND INSTALL GATE HOLD BACK FOR EACH DRIVE GATE. HOLD BACK TO BE INSTALLED IN FENCE MOWSTRIP, UNLESS OTHERWISE SHOWN.

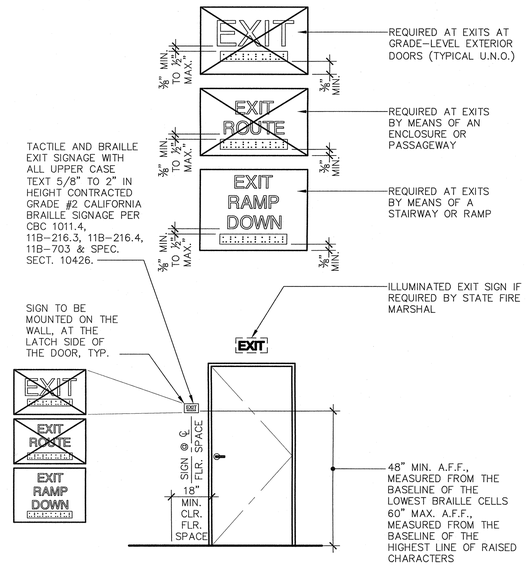


15 / A1.03 PANIC DOOR HARDWARE
ADY100-02
SCALE: 1 1/2" = 1'-0"

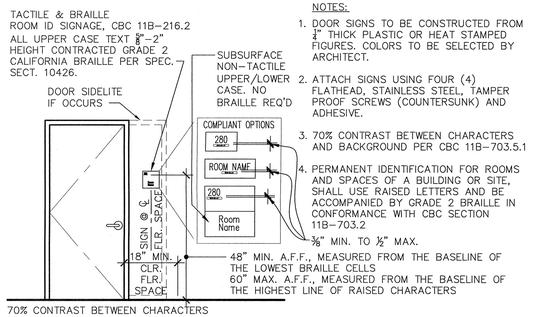


11 / A1.03 TRUNCATED DOMES
ADA100-23
SCALE: NO SCALE

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

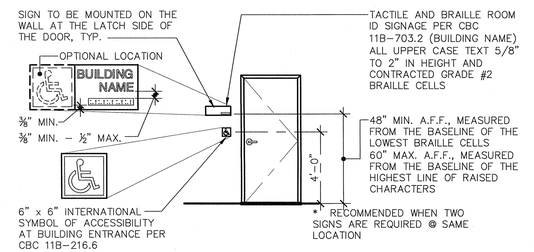


2 / A1.03 TYPICAL EXTERIOR DOOR SIGNAGE
ADX200-01
SCALE: 3/8" = 1'-0"



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 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

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



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:
3 RELOCATABLE CLASSROOMS
FREMONT ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS ST. BAKERSFIELD, CA 93307

Issue Date:	Designer:	DR:	PIC:
05/27/14	--	--	CJH
Date: 06/19/14			

Agency Approval Stamp:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP# 115600
AC NW FLS 93307
DATE 7/24/14

Stamp(s):

LICENSED ARCHITECT
CURTIS E. FLYNN
No. C 28566
REN. 5-31-15
STATE OF CALIFORNIA

Job No.: 5124

Sheet No.: A1.03

Release: -

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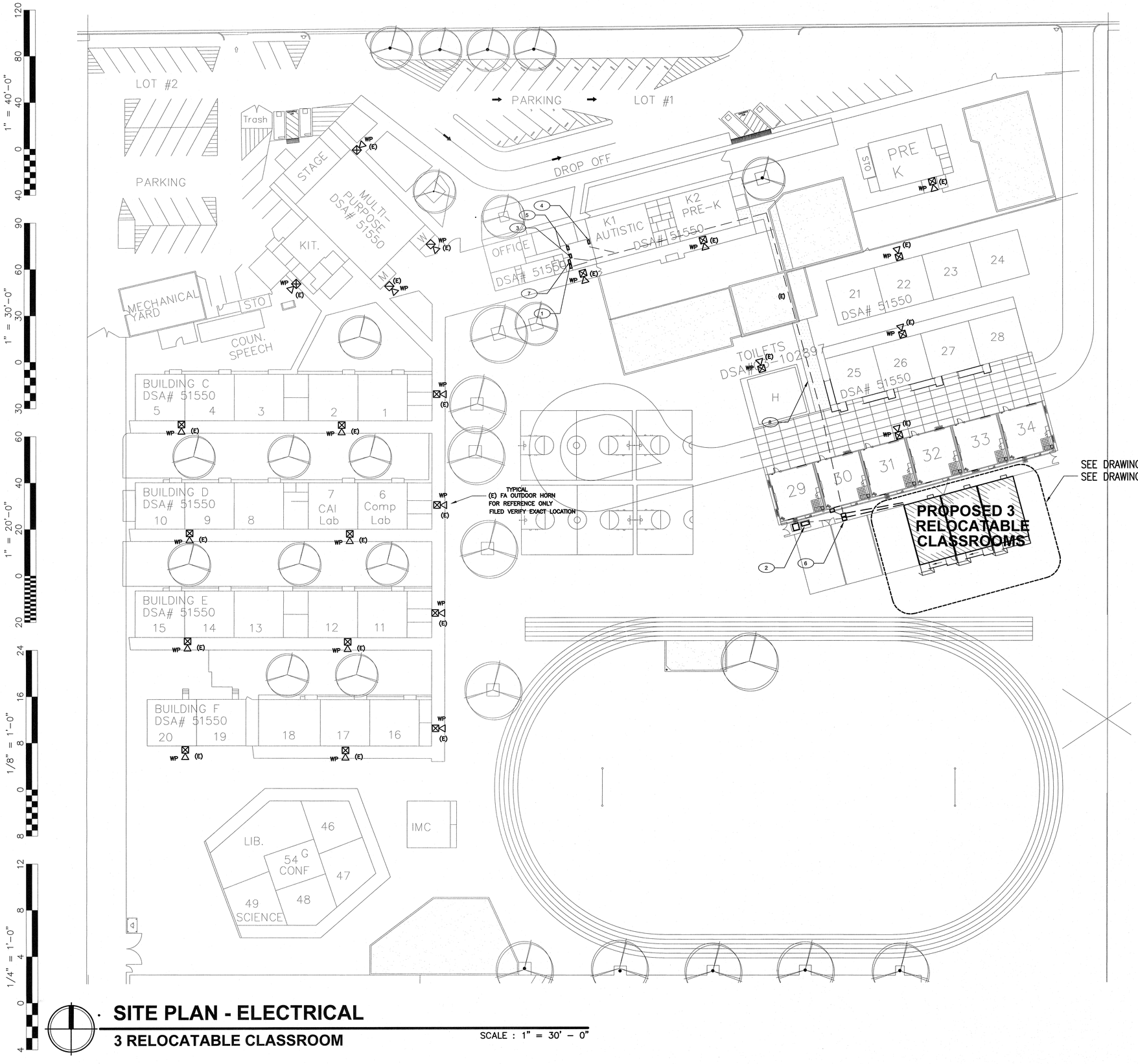

SITE PLAN - ELECTRICAL

3 RELOCATABLE CLASSROOM

SCALE : 1" = 30' - 0"

SHEET NOTES

1. APPROXIMATE LOCATION FOR EXISTING 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. APPROXIMATE LOCATION FOR EXISTING DISTRIBUTION PANEL H. PROVIDE NEW BREAKERS, FEEDERS AND POWER CONNECTION FOR NEW RELOCATABLE CLASSROOM BUILDINGS PER PLANS. SEE SINGLE LINE DIAGRAM.
3. APPROXIMATE LOCATION FOR EXISTING PA/IC/TELEPHONE EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
4. APPROXIMATE LOCATION FOR EXISTING COMPUTER MDF SERVER EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
5. APPROXIMATE LOCATION FOR EXISTING MASTER INTRUSION ALARM EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
6. (E) SIGNAL AND POWER PULL BOXES. EXTEND NEW U.G CONDUITS AND WIRING TO NEW BUILDINGS PER PLANS. SEE RISER DIAGRAMS.
7. FURNISH AND INSTALL A NEW FIRE ALARM DIGITAL VOICE COMMAND CENTER AND INTER CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. SURFACE MOUNT NEXT TO (E) FACE. FILED VERIFY EXACT LOCATION. SEE FA DRAWING E-3 RISER DIAGRAM.
8. APPROXIMATE LOCATION AND ROUTING FOR EXISTING SIGNAL CONDUITS. PULL IN NEW CONDUCTORS PER PLANS. FILED VERIFY LOCATION AND SEE RISER DIAGRAMS.

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

CODE RULES AND REGULATIONS

ALL WORK AND MATERIAL SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE STATE FIRE MARSHAL, THE CALIFORNIA ELECTRICAL CODE; THE SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY AND OTHER APPLICABLE STATE LAWS OR REGULATIONS. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

DIVISION OF THE STATE ARCHITECT APPLICABLE CODES AND STANDARDS:

2007 CALIFORNIA ELECTRIC CODE (CEC).

2007 CALIFORNIA FIRE CODE (CFC).

2007 TITLE 19 (CCR), PUBLIC SAFETY, STATE FIRE MARSHAL

2002 NFPA 72 (CALIFORNIA AMENDED) – NATIONAL FIRE ALARM CODES. POLICY #05-03, FIRE AND LIFE SAFETY, DIVISION OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES.

REGULATIONS UNDERGROUND SERVICE ALERT
CALL BEFORE YOU DIG: 1-800-642-2444

THE LOCATION OF EXISTING UNDERGROUND UTILITIES WERE TAKEN FORM SOURCES BELIEVED TO BE RELIABLE. HOWEVER, THEY HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THIS ENGINEER. THE CONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTIFY OWNER 72 HOURS PRIOR TO ANY EXCAVATION

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ELECTRICAL
STATE OF CALIFORNIA

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

Sheet Title: SITE PLAN - ELECTRICAL

Project Name & Address:
FREMONT ELEMENTARY SCHOOL
3 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS STREET, BAKERSFIELD, CA

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

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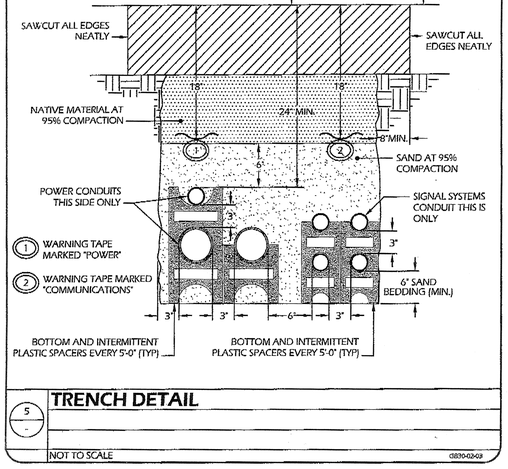

5 TRENCH DETAIL

NOT TO SCALE

PANEL A							120/240V 1ø 3W				REAR		FLUSH		
							100 AMP MAIN BREAKER				10,000 AIC		NEMA 1		
CKT	SERVING	NOTE	GND	AWG	AMP POLE	TOTAL LOAD KVA ØA	ØB	AMP POLE	AWG	GND	NOTE	SERVING	CKT
1	RECEPTACLE		12	12	20/1	0.7	7.1						
3	RECEPTACLE		12	12	20/1		0.7	7.1	60/2	8	10	HVAC 3.5 TON	2
5	SPACE		12	12	20/1								4
7	SPACE		12	12	20/1				20/1	12	12	SPACE	6
9	INT/EXT LIGHTS		12	12	20/1	0.9			20/1	12	12	SPACE	8
11	INT LIGHTS		12	12	20/1		0.8	0.1	20/1	12	12	SPACE	10
						8.7KVA	8.7KVA		20/1	12	12	2 FIRE ALARM NAC PANEL	12
						72A	72A						

NOTES:
1. PROVIDE CIRCUIT DIRECTORY INSIDE PANEL.
2. PROVIDE MECHANICAL LOCK ON BREAKER

POWER AND SIGNAL PLAN

3 RELOCATABLE CLASSROOMS

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

SHEET NOTES

1. APPROXIMATE LOCATION FOR NEW FIRE ALARM DISTRIBUTED POWER MODULE. 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. EXISTING 800A PANEL H, PROVIDE NEW CONDUITS AND FEEDERS FOR NEW PRE-WIRED PANEL POWER CONNECTION. SEE SINGLE LINE DIAGRAM.
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 (E) MASTER EQUIPMENT IN ADMIN OFFICE. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
6. EXISTING OUTDOOR FEE STAND IDF CABINET. PROVIDE NEW DATA CABLES AND COMPUTER OUTLETS PER PLANS. 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. NEW 24"x24"x4" NEMA3R SIGNAL TC SURFACE MOUNTED ON EXTERIOR WALL. PROVIDE (2) 2"C STUB INTO BUILDING ATTIC CAVITY. SEE SIGNAL RISER DIAGRAM.
10. SAW CUT AND PATCH EXISTING CONCRETE FLOOR TO INSTALL NEW (2)2" U.G CONDUITS FOR SIGNAL AND (1)3/4"C FOR FA. FIELD VERIFY LOCATION WITH OWNER AND GENERAL CONTRACTOR PRIOR TO INSTALLATION. PER DETAIL 5/E-2
11. NEW 12"x24" PULL BOX WITH EXTENSION. FIELD VERIFY LOCATION. SEE RISER DIAGRAMS.
12. STUB OUT NEW (1)2" U.G CONDUITS FOR SIGNAL AND (1)3/4"C FOR FA. FIELD VERIFY LOCATION WITH OWNER AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.
13. STUB OUT NEW (1)1-1/4" U.G CONDUITS FOR POWER. FIELD VERIFY LOCATION WITH OWNER AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.

SIGNAL AND COMM. LEGEND

SECURITY ALARM SYSTEM

- DSC — DIGITAL SECURITY ALARM CONTROL PANEL. MODEL SONITROL (64ZONE). 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 #US0221 W/ACC1000 BAFFLE. PROVIDE BACKBOX AND CEILING SUPPORT AS REQUIRED
- SP WP — OUTDOOR SPEAKER – ATLAS #APF15 HORN W/XFMR AND LOWELL (#C884 FOR SURFACE, #F875X FOR RECESS) BACK BOX W/SQLK GRILL
- —T— OUTDOOR TELE/IC CABLE. 22AWG SOLID COPPER 12 PAIR SHIELDED AND 12 PAIR UNSHIELDED CABLE.
- —T1— INDOOR TELEPHONE CABLE. CAT.3 22AWG SOLID 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)
- © 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

Project Name & Address: FREMONT ELEMENTARY SCHOOL
3 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS STREET, BAKERSFIELD, CA

Issue Date:	Date:	Designer:	DR:	PC:
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Release:

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7/8/2014 8:25:10 AM

FIRE ALARM PLAN

3 RELOCATABLE CLASSROOMS

SCALE : 1/8" = 1' – 0"

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	ACTIVATE AUDIBLE/VISIBLE SIGNALS	PRIMARY FLOOR RECALL	SECONDARY FLOOR RECALL	ELEVATOR SHUNT TRIP	SHUTDOWN HVAC UNITS	SHUT FIRE SMOKE DAMPERS	CLOSE FIRE DOORS	RESET 120VAC INITIATING DEVICES	ACTIVATE BATTERY BACK-UP	DEACTIVATE AUDIBLE SIGNALS	DEACTIVATE VISIBLE SIGNALS	RESET ALL LATCHING 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																	
SINGLE OPEN			X	X																	
SINGLE GROUND			X	X																	
LOSS OF 120VAC POWER			X	X			X										X				
SIGNAL SILENCE																		X	X		
RESET FACP																X		X	X	X	X

NOTE: SOME SEQUENCE OF OPERATIONS SHOWN MAY NOT APPLY

BATTERY POWER CALCULATIONS

NEW NAC SIGNAL & AUDIO BOOSTER PANEL

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE STANDBY	CURRENT PER DEVICE ALARM	STANDBY CURRENT	ALARM CURRENT
UNIT	1	0.120A	9A	0.120A	9A
OUTDOOR HORN	1	---	0.050A	---	0.050A
MINI HORN	0	---	0.025A	---	0.000A
VISUAL 15cd	0	---	0.041A	---	0.000A
AUDIO/VISUAL 15cd	0	---	0.093A	---	0.000A
AUDIO/VISUAL 30cd	0	---	0.114A	---	0.000A
AUDIO/VISUAL 75cd	3	---	0.157A	---	0.471A
AUDIO/VISUAL 110cd	0	---	0.197A	---	0.000A
SYNC MODULES	0	---	0.035A	---	0.000A
1/4 W SPEAKER	3	---	0.010A	---	0.030A
SUB-TOTAL				0.120A	9.551A

24 HOUR STANDBY CURRENT	2.880AH
5 MINUTE ALARM CURRENT (0.083 HR)	0.793AH
SUBTOTAL	3.673AH
20% SAFETY FACTOR	0.735AH
TOTAL AMPS–HRS REQUIRED	4.408AH
PROVIDE BATTERY WITH (2) NEW 6AH 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 INITIATING DEVICES SUMMARY

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE STANDBY	CURRENT PER DEVICE LED	STANDBY CURRENT	LED CURRENT
SMOKE DETECTOR	4	0.0003A	0.0065A	0.0012A	0.026A
HEAT DETECTOR	4	0.0003A	0.0065A	0.0012A	0.026A
SUB-TOTAL				0.0028A	0.052A

24 HOUR STANDBY CURRENT	0.067AH
5 MINUTE LED CURRENT (0.083 HR)	0.004AH
SUBTOTAL	0.071AH
20% SAFETY FACTOR	0.014AH
TOTAL NEW AMPS–HRS REQUIRED	0.085AH
PROVIDE ADDITIONAL 6AH BATTERY CAPACITY AND REPLACE EXISTING FACP 12AH BATTERY WITH NEW 18AH 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 (CROOS SECTION OF 12 AWG = 6530)
V = VOLTAGE (24vdc)
VD = K * I * 2L / CM

SIGNAL CKT NO.	AMPERES	APPROX LENGTH	RESISTIVITY OHM	WIRE AWG	AREA CM	VOLTS DROPPED	% VOLTS DROP
CKT. #1	0.521A	370'	21.6	12	6530	0.047V	0.2%

SIGNAL CIRCUIT LOAD SUMMARY

	OUTDOOR HORN 0.050A	VISUAL 15cd 0.041A	AUDIO/VISUAL 15cd 0.093A	AUDIO/VISUAL 30cd 0.114A	AUDIO/VISUAL 75cd 0.157A	AUDIO/VISUAL 110cd 0.197A	MINI HORN 90dBA 0.025A	SYNC MODULE 0.035A	TOTAL
CKT. #1	1	0	0	0	3	0	0	0	0.521A

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. 1" CONDUIT INSTALLATION. WEST PENN #AQ227 OR EQUAL. CSFM# 7161–0859:0101

BATTERY POWER CALCULATIONS

NEW INITIATING DEVICES SUMMARY (FACP)

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE STANDBY	CURRENT PER DEVICE LED	STANDBY CURRENT	LED CURRENT
SMOKE DETECTOR	8	0.0003A	0.0065A	0.0024A	0.052A
HEAT DETECTOR	8	0.0003A	0.0065A	0.0024A	0.052A
SUB-TOTAL				0.0028A	0.104A

24 HOUR STANDBY CURRENT	0.067AH
5 MINUTE LED CURRENT (0.083 HR)	0.004AH
SUBTOTAL	0.071AH
20% SAFETY FACTOR	0.014AH
TOTAL NEW AMPS–HRS REQUIRED	0.085AH
PROVIDE ADDITIONAL 6AH BATTERY CAPACITY AND REPLACE EXISTING FACP 12AH BATTERY WITH NEW 18AH BATTERIES	

SHEET NOTES

1. PROVIDE NEW FIRE ALARM SIGNAL AND AUDIO BOOSTER PANEL AND CONNECT TO (E) FACP PER RISER DIAGRAM. PROVIDE 110V POWER CONNECTION AND DEDICATED CIRCUIT FROM PANEL A–12. 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. CEILING SMOKE DETECTOR 5 FEET FROM NEW NAC SIGNAL EXPANDER PANEL.
4. NEW U.G 3/4" CONDUIT AND FA WIRING PER PLANS.
5. PROVIDE NEW FIRE ALARM DIGITAL VOICE COMMAND CENTER AND INTER CONNECT TO EXISTING FIRE ALARM CONTROL PANEL AND SURFACE MOUNT NEXT TO (E) FACP. FIELD 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. THE SYSTEMS SHALL CONFORM TO CALIFORNIA ELECTRICAL CODES ARTICLE 760, CALIFORNIA FIRE
2. CODE ARTICLE 10 AND CALIFORNIA BUILDING CODE, SECTION 305.9.
2. FIRE ALARM CIRCUITS SHALL BE RUN IN EMT CONDUIT PER SPECIFICATIONS.
3. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY.
4. NO SPLICE SHALL BE PERMITTED IN PULLBOXES. ALL WIRE SHALL BE RUN CONTINUOUS BETWEEN TERMINAL
4. CABINETS.
5. ALL PENETRATIONS IN FIRE–RATED ASSEMBLIES SHALL BE SEALED IN COMPLIANCE WITH CHAPTER 7, C.B.C.
6. AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PRIVATE MODE SHALL HAVE A SOUND LEVEL OF NOT LESS THAN 45 dBA AT 10 FT OR MORE THAN 130dBA AT THE MINIMUM HEARING DISTANCE FORM THE AUDIBLE APPLIANCE. AN AVERAGE SOUND LEVEL GREATER THAN 115 dBA REQUIRES THE USE OF A VISIBLE SIGNAL APPLIANCES. IF AUDIBILITY LEVEL DOES NOT MEET THE REQUIREMENT AT THE TIME OF TESTING, NEW AUDIBLES AND REVISED PLANS WILL BE REQUIRED.
7. NEW FIRE ALARM AUDIBLES SHALL BE TAMPO CODE 3.
8. A CERTIFICATE OF COMPLETION SHALL BE PROVIEDE TO THE OWNER PER NFPA 72 AND THE CALIFORNIA FIRE CODE.
9. AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED AS SET FORTH IN THE CALIFORNIA FIRE CODE IN GROUP, DIVISION 1, 2, AND 2.1 OCCUPANCIES. (303.9, CBC)
10. THE ALARM SYSTEM SHALL BE INSTALLED, TESTED, AND MAINTAINED IN ACCORDANCE WITH THE STATE FIRE MARSHAL'S REGULATIONS.
11. THE FIRE ALARM SYSTEM SHALL CONFORM TO CALIFORNIA ELECTRICAL CODE AND ARTICLE 91. INSTALLATION OF THE SYSTEM SHALL NOT BEGIN UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING SFM LISTING NUMBERS FOR EACH COMPONENT HAVE BEEN APPROVED BY DSA. UPON COMPLETION OF THE INSTALLATION. A TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE INSPECTOR OF RECORD.
12. ALARM INDICATING DEVICES OF A FIRE ALARM SYSTEM INTENDED TO ALERT ALL OCCUPANTS SHALL CAUSE A LEVEL OF AUDIBILITY OF NOT LESS THAN 15 dBA ABOVE THE AVERAGE AMBIENT NOISE MEASURE @ 10' BUT/NOT LESS THAN 110dBA IN TOTAL THROUGHOUT. AMBIENT NOISE LEVELS MEANS THE LEVEL WHICH CAN NORMALLY BE EXPECTED WHEN THE FACILITY, BUILDING, ROOM OR AREA IS FUNCTIONING UNDER NORMAL OPERATING OR WORKING CONDITIONS.
13. THE ALARMS SYSTEM SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNINGS SHALL HAVE A FLASH RATE NOT EXCEEDING TWO FLASHES PER SECOND (2 HZ) NOR BE LESS THAN ONE FLASH EVERY SECOND (1 HZ). STROBE SIGNALING DEVICES FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHAL APPROVED AND LISTED.

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.

SEISMIC ANCHORAGE

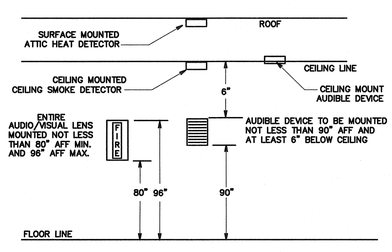
1. TO COMPLY WITH 2013 CBC, TITLE 24, SECTION #1632A.
2. WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER AND THE FIELD ENGINEER OF THE DIVISION OF THE STATE ARCHITECT.

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)

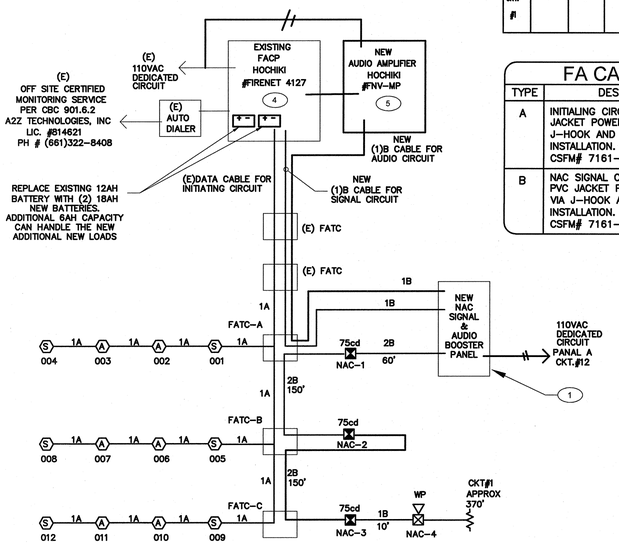
FIRE ALARM SYMBOLS AND SCHEDULE

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 #FNV–MP	6911–0410:0175	+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 TEMPORAL CODE 3	HOCHIKI #SSSPKWLP	7320–0410:0195	+80"	4"SQ X 2 1/2"D
WP	OUTDOOR HORN TEMPORAL CODE 3	HOCHIKI #WHE 24WR #HGOE	7135–0410:0187 7300–0410:0189	+80"	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
	END OF LINE RESISTOR	N/A	N/A	LAST DEVICE	4"SQ X 2 1/2"D



2 TYPICAL FIRE ALARM DEVICES MT'D DETAIL

N.T.S.



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

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Revision: | Revision Description: | Rev. Date:

Sheet Title: FIRE ALARM PLAN

Project Name & Address: FREMONT ELEMENTARY SCHOOL
3 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS STREET, BAKERSFIELD, CA

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

Agency Approval Stamp:

FILE #: 15–6
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OFFICE OF REGULATION SERVICES
113890
AC WWFLS 60 SS
DATE 7/24/14
TRACKING #: DSA TRACKING NO

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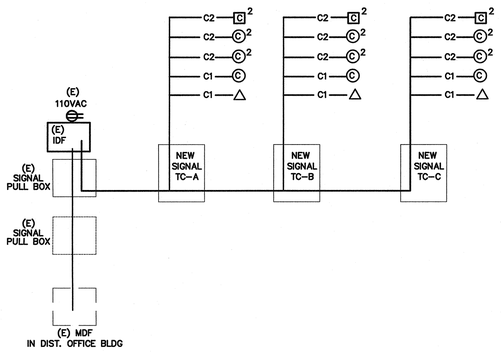
LICENSED ARCHITECT CURTIS E. FLYNN No. C 28966 REN. 5-31-15 STATE OF CALIFORNIA

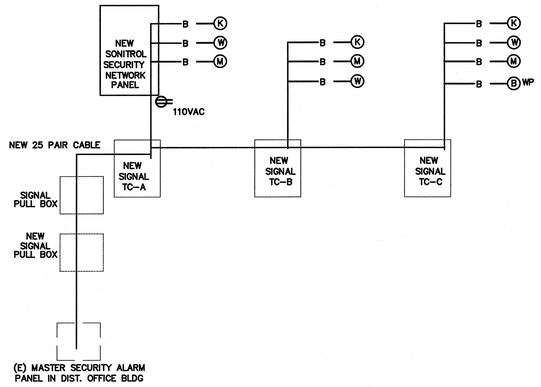
Job No.: 5124

Sheet No.: E-3

Release:

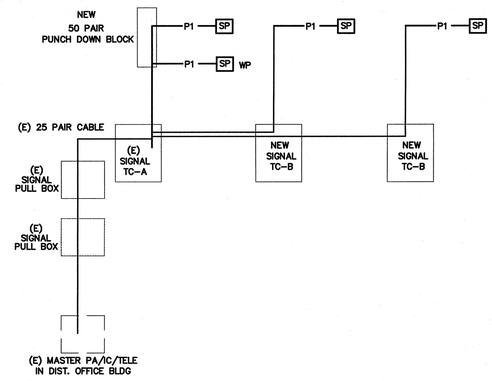
7/8/2014 8:25:44 AM





5 SECURITY ALARM SYSTEM RISER DIAGRAM

N.T.S



2 PA/IC/TELE SYSTEM RISER DIAGRAM

N.T.S

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

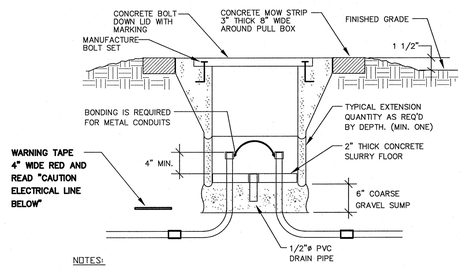
F/O	CISCO WS-C2950G-24 W/ WS-C5484 GBIC
TP	CISCO WS-C2950-24
CABINETS	SOUTH WESTERN DATA PRODUCT SWE 4000-18UDBLK OR EQUAL
JACKS	ALLEN TEL AT55-16 OR EQUAL
FACEPLATE	ALLEN TEL AT30-2-09 OR EQUAL
PATCH PANEL	ALLEN TEL ATPNL-24 OR EQUAL

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

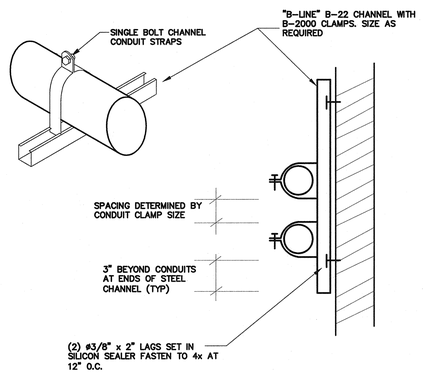
N.T.S



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.

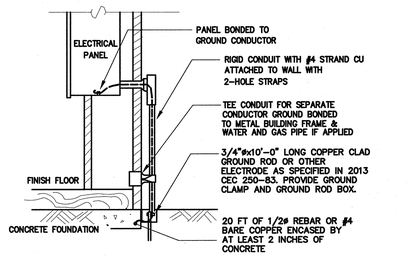
4 PULL BOX AT OPEN YARD DETAIL

N.T.S



6 CONDUIT SUPPORT DETAIL

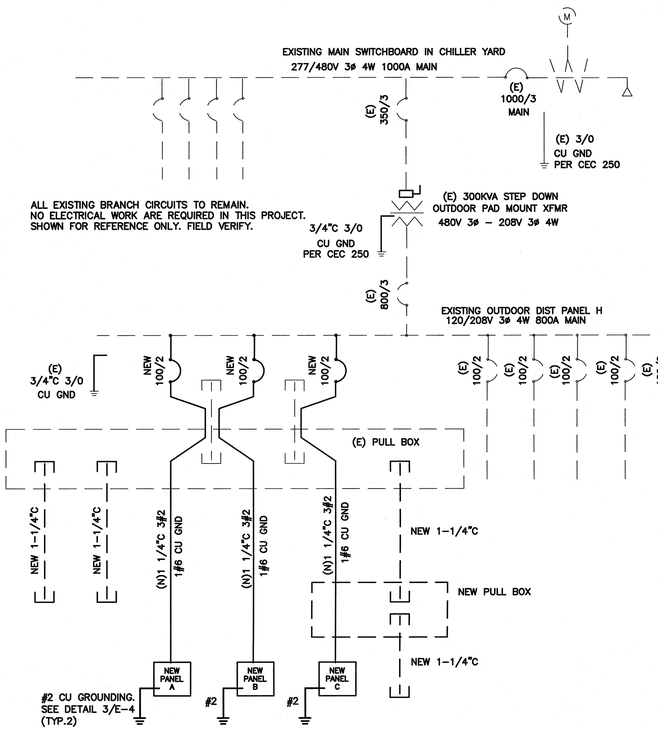
N.T.S



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



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. MC CABLE WITH SEPARATE GROUND CONDUCTOR CAN BE USED IN CEILING AND CONCEAL IN WALL.
5. STEEL BACK BOX SHALL BE PROVIDE FOR ALL NEW ELECTRICAL DEVICES SUCH AS SWITCH, OUTLET AND CONDUCTOR SPLICE.
6. 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

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

Sheet Title: DETAILS AND SYSTEM DIAGRAMS

Project Name & Address:
FREMONT ELEMENTARY SCHOOL
3 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT
607 TEXAS STREET, BAKERSFIELD, CA

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

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CURTIS E. LYNN
No. C 28966
REN. 5-31-15
STATE OF CALIFORNIA

Job No.: 5124

Sheet No.: E-4

Release:

7/8/2014 8:26:20 AM

PC 275

RELOCATABLE BUILDING (S)

FOR

G E CAPITAL

STOCKPILE

△ (1065) 24' X 40' BUILDINGS

JOB 2425: (15) BUILDINGS

JOB 2430: (450) BUILDINGS

△ **JOB 2667: (600) BUILDINGS**

SYMBOLS		
TYPE	SYMBOL	DESCRIPTION
DETAIL		DETAIL ON SAME SHEET AS SYMBOL
DETAIL		DETAIL NUMBER (1) ON SHEET NUMBER (2)
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 DWG NO. (1) FIRST REVISION
REV	CLOUD	HIGHLIGHTS CHANGED AREA
REFERENCE	1	DOOR REFERENCE
REFERENCE	A	WINDOW REFERENCE

SHEET INDEX

ARCHITECTURAL

A.0 - COVER SHEET
A1.0A- FLOOR PLAN (24X40)
~~A1.0B- FLOOR PLAN (24x40)~~
~~A2.0 - ROOF PLAN (24X40) MONO PITCH~~
~~A2.1 - ROOF PLAN (36X40)(40X40) MONO PITCH~~
~~A2.0A - ROOF PLAN (24X40) DUAL PITCH~~
~~A2.1A - ROOF PLAN (36X40)(40X40) DUAL PITCH~~
~~A3.0 - EXTERIOR ELEVATION (24X40) MONO PITCH~~
~~A3.1 - EXTERIOR ELEVATION (36X40) MONO PITCH~~
~~A3.2 - EXTERIOR ELEVATION (40X40) MONO PITCH~~
A3.0A - EXTERIOR ELEVATION (24x40) DUAL PITCH
~~A3.0B - EXTERIOR ELEVATION (36x40) DUAL PITCH~~
~~A3.2A - EXTERIOR ELEVATION (40X40) DUAL PITCH~~
~~A4.0A INTERIOR ELEVATIONS (24X40)~~
~~A4.0B INTERIOR ELEVATIONS (24x40)~~
~~A4.2 INTERIOR ELEVATIONS (40X40)~~
~~A5.0 FINISH SCHEDULE~~
~~A6.0M ARCHITECTURAL DETAILS METAL STUDS~~
~~A6.1M ARCHITECTURAL DETAILS METAL STUDS~~
~~A6.0 ARCHITECTURAL DETAILS WOOD STUDS~~
~~A6.1 ARCHITECTURAL DETAILS WOOD STUDS~~
~~A7.0A REFLECTED CEILING PLAN (24X40)~~
~~A7.0B REFLECTED CEILING PLAN (36X40)~~
~~A7.2 REFLECTED CEILING DETAILS~~

STRUCTURAL

F0.1.- FOUNDATION PLAN (24X40) 90# WOOD
~~F0.2 FOUNDATION PLAN (24X40) 10# WOOD~~
~~F1.1 FOUNDATION PLAN (36X40) 90# WOOD~~
~~F1.2 FOUNDATION PLAN (36X40) 10# WOOD~~
~~F2.1 FOUNDATION PLAN (40X40) 90# WOOD~~
~~F2.2 FOUNDATION PLAN (40X40) 10# WOOD~~
F3.0- FOUNDATION DETAILS WOOD
~~FA1.0 FOUNDATION PLANS 90# (CONCRETE)~~
~~FA1.1 FOUNDATION PLANS 10# (CONCRETE)~~
~~FA2.0 FOUNDATION DETAILS (CONCRETE)~~
~~FD1.0 FOUNDATION PLANS 90# (BELOW GRADE CONCRETE)~~
~~FD1.1 FOUNDATION PLANS 10# (BELOW GRADE CONCRETE)~~
~~FD2.0 FOUNDATION DETAILS (BELOW GRADE CONCRETE)~~
S1.0 - FLOOR FRAMING PLAN (TYP 90 PSF)
~~S1.1 FLOOR FRAMING PLAN (TYP 10 PSF)~~
~~S1.2 FLOOR FRAMING DETAILS (TYPICAL)~~
~~S2.0 ROOF FRAMING PLAN (TYP. MONO PITCH)~~
~~S2.0A ROOF FRAMING PLAN (TYP. DUAL PITCH)~~
~~S2.1 ROOF FRAMING DEATILS (TYPICAL)~~
~~S3.0 STRUCTURAL ELEVATIONS AND DETAILS (MONO PITCH)~~
~~S3.0A STRUCTURAL ELEVATIONS AND DETAILS (DUAL PITCH)~~
~~S4.0M WALL FRAMING (METAL)~~
~~S4.0 WALL FRAMING (WOOD)~~
~~S5.0M FRAMING DETAILS (METAL)~~
~~S5.1M FRAMING DETAILS (METAL)~~
~~S5.0 FRAMING DETAILS (WOOD)~~
~~S5.1 FRAMING DETAILS (WOOD)~~

MECHANICAL

~~M1.0A HVAC (HVAC) PLAN (24X40)~~
~~M2.0 HVAC (HVAC) PLAN (36X40)~~
~~M3.0 HVAC (HVAC) PLAN (40X40)~~
~~M1.0B HVAC PLAN (24x40)~~

REVISED

ELECTRICAL

E1.0A- ELECTRICAL PLAN (24X40)
~~E2.0 ELECTRICAL PLAN (36X40)~~
~~E3.0 ELECTRICAL PLAN (40X40)~~
~~E1.0B ELECTRICAL PLAN (24x40)~~

RAMP

R1.0 - RAMP PLAN
R2.0 - RAMP DETAILS

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 66341
AC FLS SS
DATE MAY 20 1999

ACP: J. Schaible
FLS: P. ALLAIRE
SS: G. Adams

SPECIFICATIONS SUBJECT TO CHANGE DUE TO PRODUCT IMPROVEMENT

APPLICABLE CODES - NEW CONSTRUCTION
1994 UBC AND 1995 CALIFORNIA AMENDMENTS ('95 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)
1993 NEC AND 1995 CALIFORNIA AMENDMENTS ('95 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR)
1994 UMC AND 1995 CALIFORNIA AMENDMENTS ('95 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)
1994 UPC AND 1995 CALIFORNIA AMENDMENTS ('95 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 ('95 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 MPH. EXP. C
FLOOR LIVE LOAD	50 PSF.
ROOF LIVE LOAD	20 PSF. - REDUCIBLE PER AREA
BUILDING AREA	960 PSF
STRUCTURAL SYSTEM	RIGID FRAME

APPROVED
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FLS SS CH/TP
APPL NO. 66341 DATE 12/30/97

ACS: D. FERGUSON
FLS: [illegible]
SS: G. Adams

ARCHITECT

STRUCTURAL

FOR PC PLAN
ONLY -A/B OF RECORD:
JAMES T. SIMPSON
SIMPSON STRUCTURAL ENG., INC.
[illegible] S. WHITTIER BLVD.
LA HABRA, CA 90631
(562) 697-7594

△ REVISE QTY OF BLDGS 12/30/97

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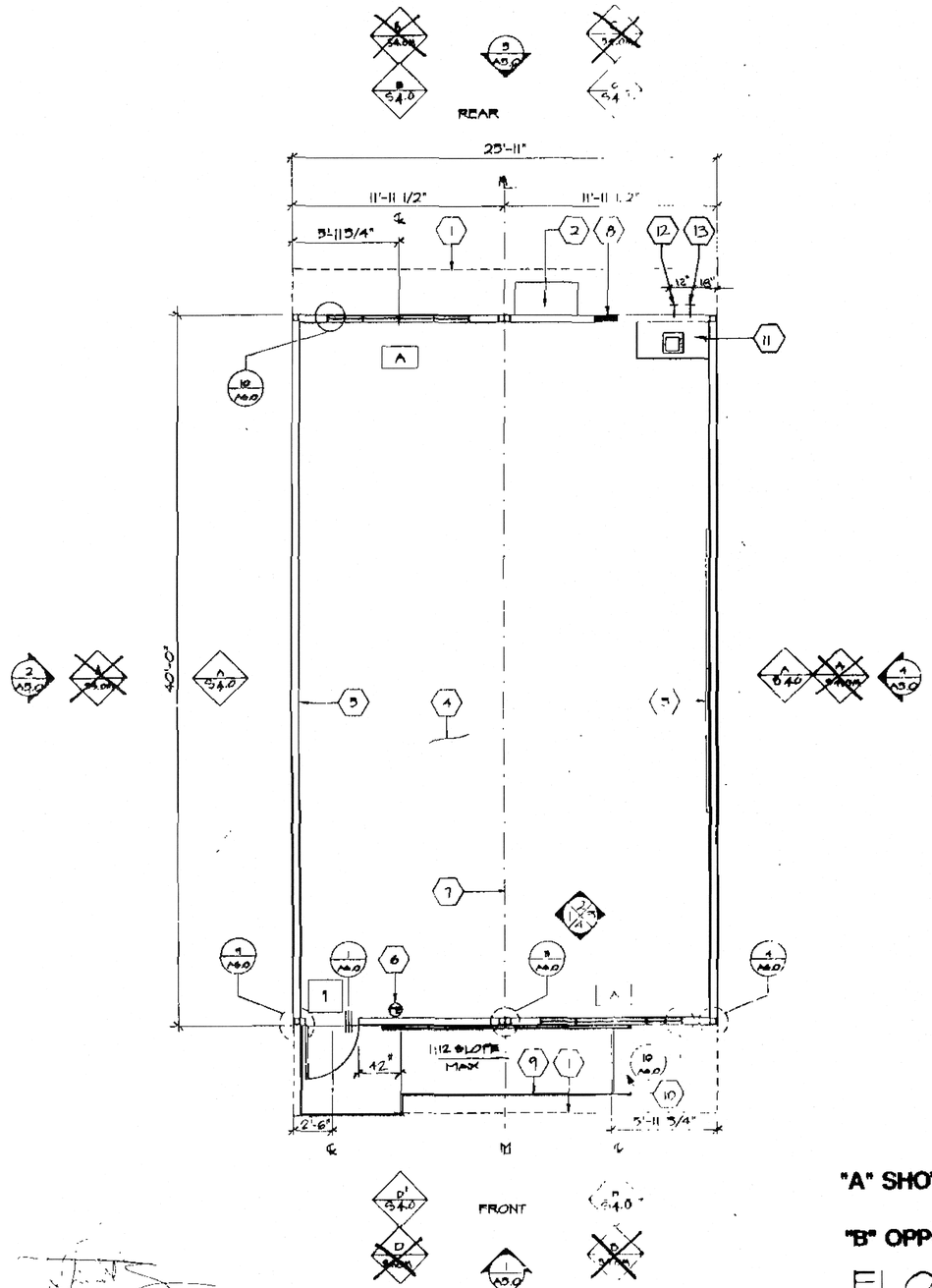
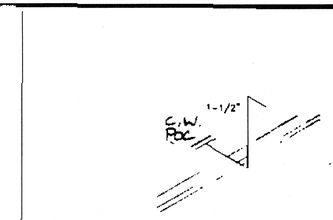
PC 275
SS: G. Adams

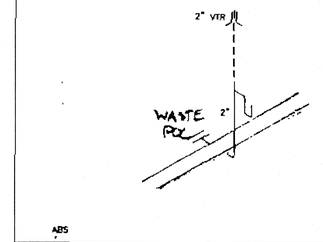
TITLE SHEET A0





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 40".
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-GR 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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I APPL 66341
AC FLS SS
DATE MAY 20 1999

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APPL# 115000
AC FLS SS TB
DATE 7/24/14

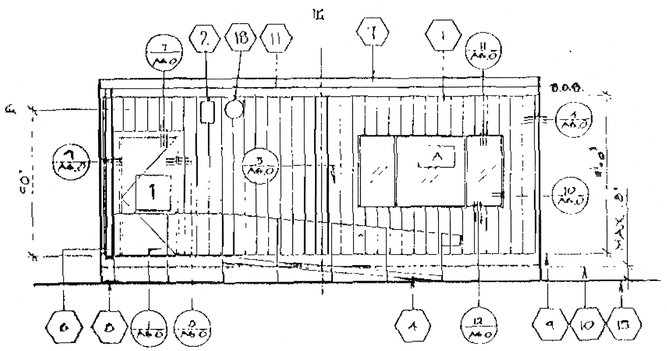
⚠ 1/30/15 DSA HANDICAP REVISIONS

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

INC,

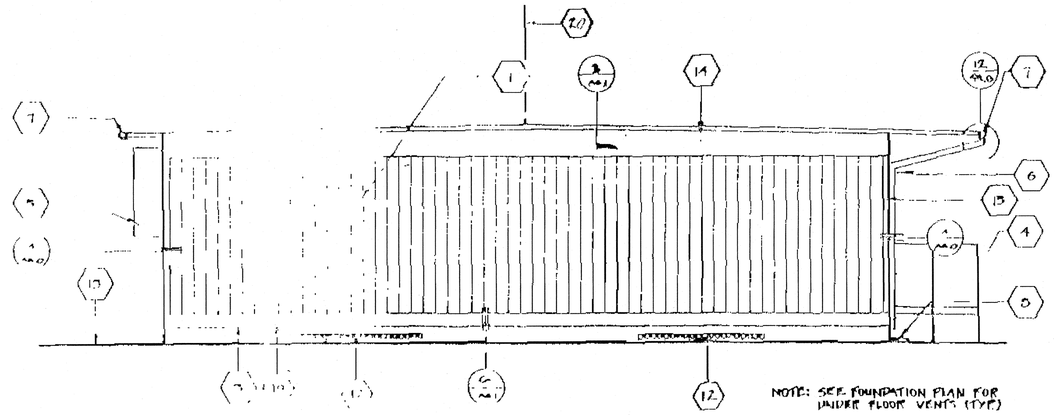
FLOOR PLAN

A1.0A



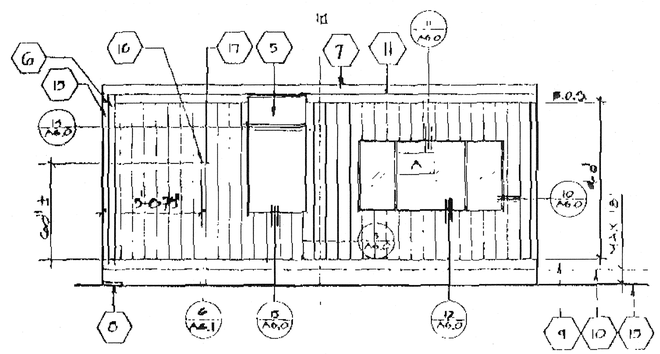
(1) FRONT ELEVATION

SCALE 1/4"=1'-0"



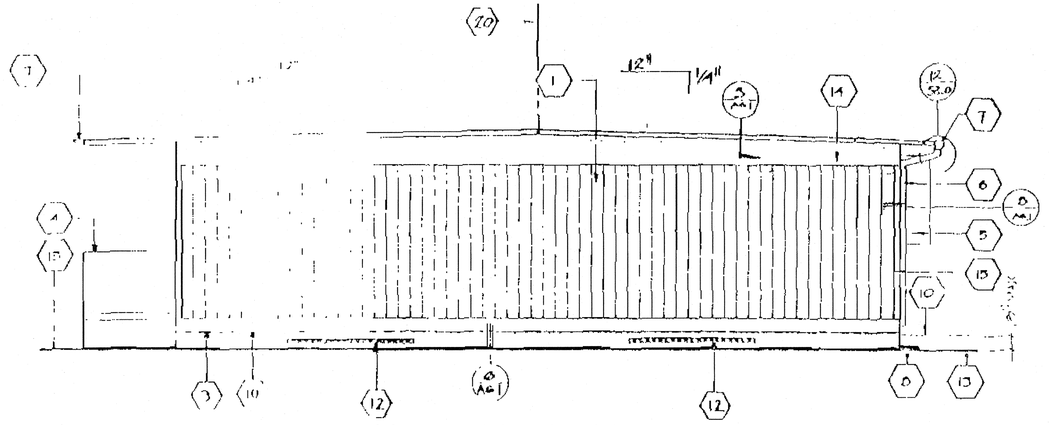
(2) SIDE ELEVATION

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

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. A-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 STUB-OUT (1 1/4"Ø) (TYPICAL)
17. GROUND STUB-OUT 1/2"Ø (TYPICAL)
18. FIRE ALARM HORN N.I.C.
19. NEMA 6"X6" GUTTER BOX
20. RIDGE

4/13/99 SCALE: 1/4"=1'-0"

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

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APP03 115000
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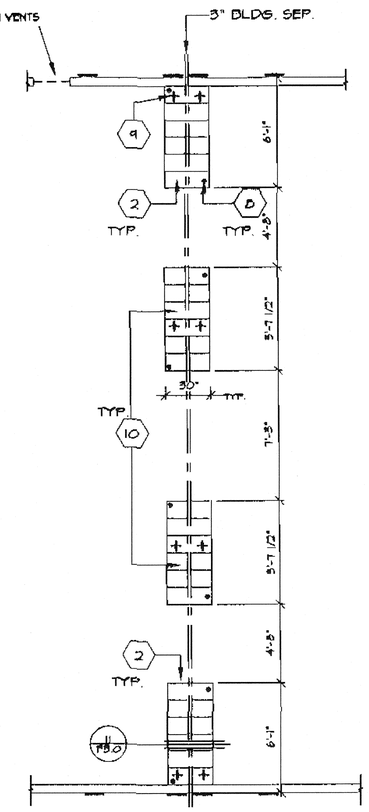
24'X40' DUAL PITCH A3.0A

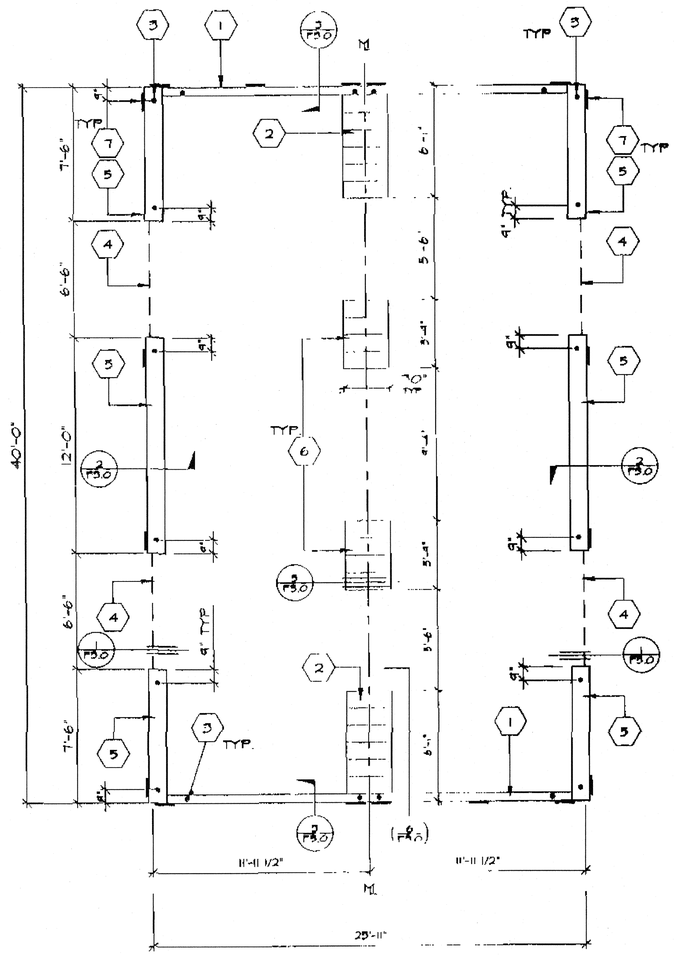
3" X 24" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS
MIN. 18" FROM BLDG. CORNERS
MIN. 18" FROM MODLINES
MIN. 12" BLOCKING BETWEEN VENTS

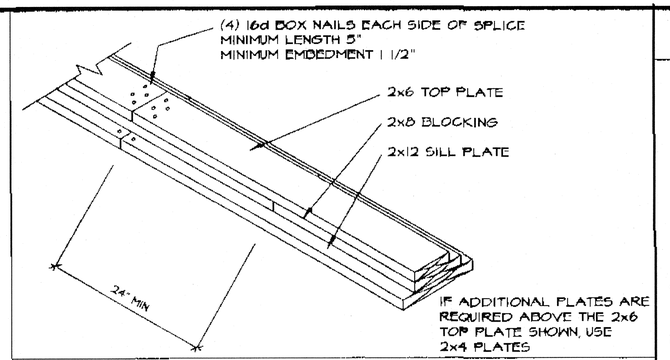


PAD FTG'S AT ADJ. BLDG.

"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





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

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 3/4" 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 7-16-96
△					
△					
△					
△					

MODTECH INC.

MODTECH INC,
2830 BARRETT AVE.
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FX. (909) 940-0427

JOB NO.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPROVED 115690 AC FLS SS JB DATE 7/24/14

DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES AC FLS SS DATE DEC 11 1996

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DATE
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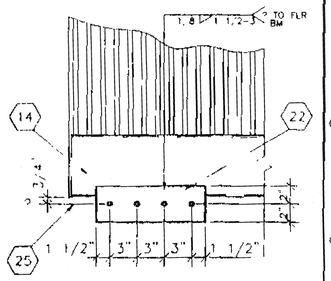
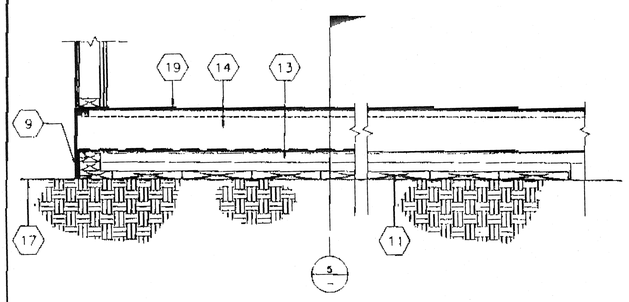
DATE

FOUNDATION PLAN

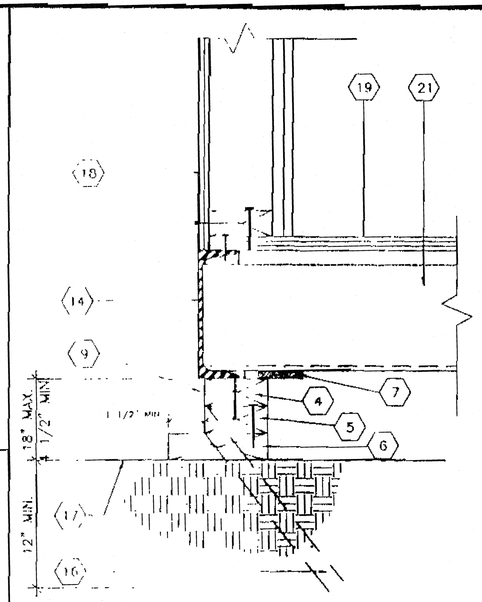
F0.1



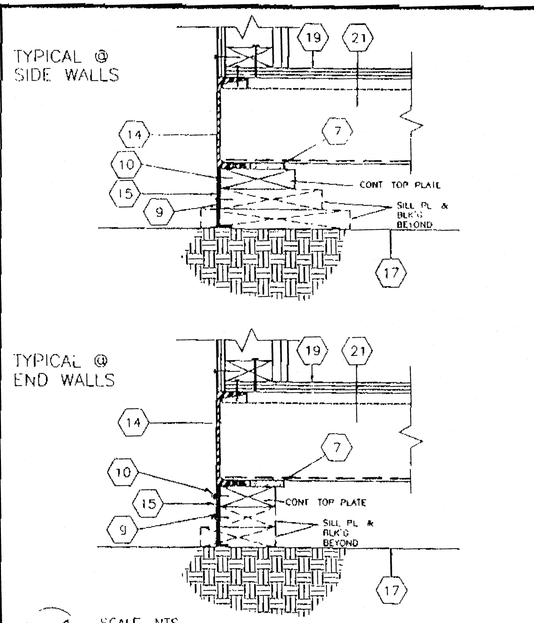
9 SCALE: 1 1/2"=1'-0"
ALTERNATE HOLD DOWN



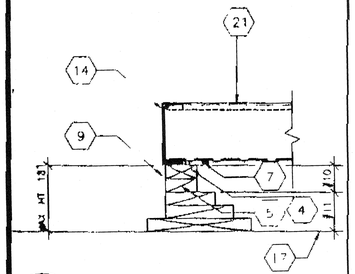
6 SCALE: 1 1/2"=1'-0"
MODLINE PAD @ END WALL



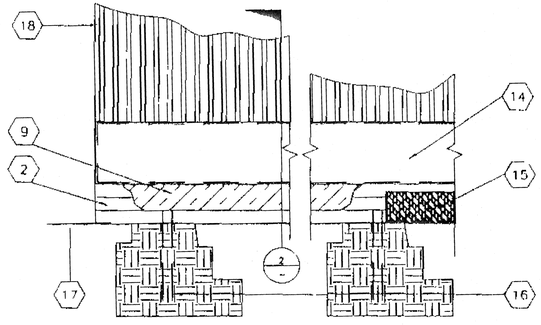
3 SCALE: 1"=1'-0"
FOUNDATION @ END WALL



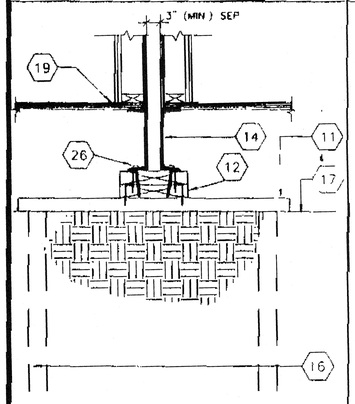
1 SCALE: NTS
FOUNDATION VENT



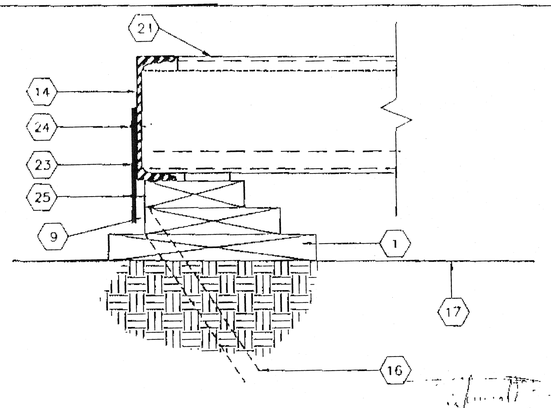
10 SCALE: 1 1/2"=1'-0"
ADD BLK'S/SHIMS TO LEVEL FOUND.



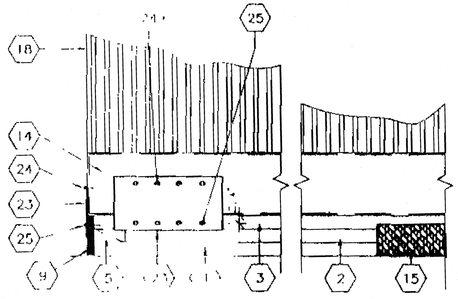
7 SCALE: 1 1/2"=1'-0"
FOUNDATION ELEVATION @ SIDE WALL



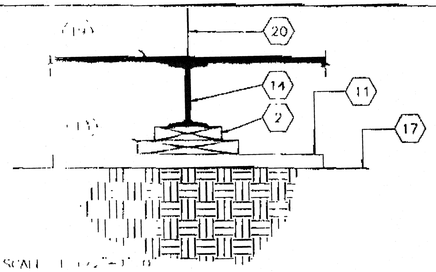
11 SCALE: 1 1/2"=1'-0"
FOUND. AT ADJ. BLDG



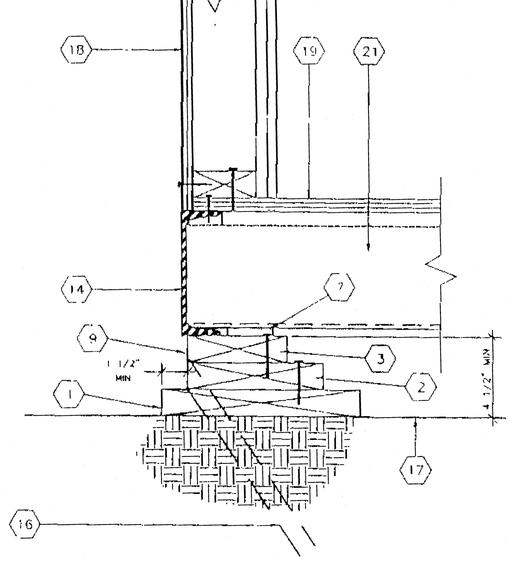
8 SCALE: 3"=1'-0"
TYPICAL TIE PLATE



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



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

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES APP'D DEC 1 1998

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT
△			REGISTERED PROFESSIONAL ENGINEER JAMES T. SINNOTT No. 39008 STRUCTURAL STATE OF CALIFORNIA License Expires 6-30-2000	

DIVISION OF THE STATE ARCHITECT
REVISED
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES AUG 2-7 1996
APP'D 775
AC. FLS. SS.
DATE 7-19-96

MODTECH INC,

MODTECH INC.
2830 BARRETT AVE
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JOB NO.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP'D 115699
AC. FLS. SS. TB
DATE 7/24/98

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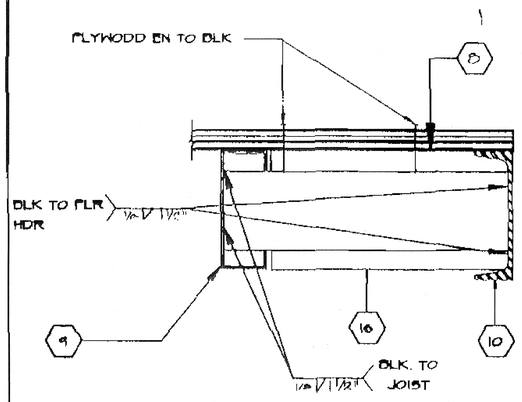
DATE

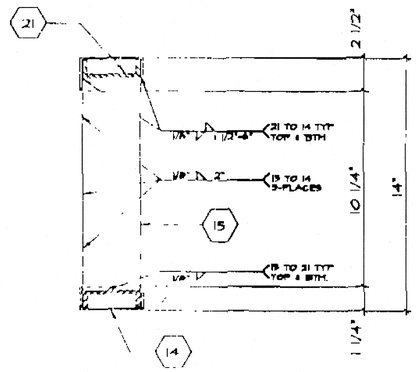
FOUNDATION DETAILS

F3.0



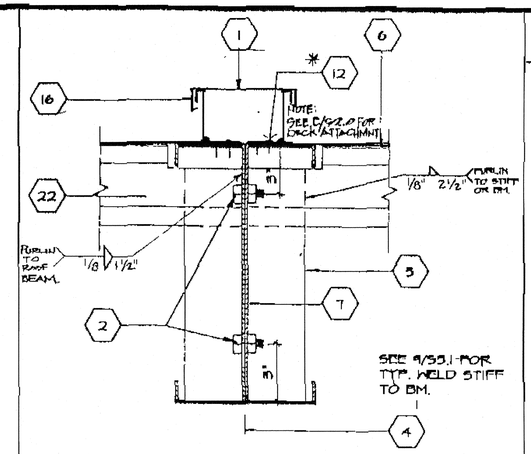
SCALE: 3"=1'

BLOCK @ MIDSPAN (7)



SCALE: 3"=1'

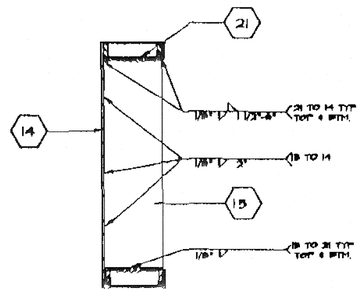
MECH. DUCT OPENING IN HEADER (4)



* DO NOT PENETRATE MT'L RF. DECK

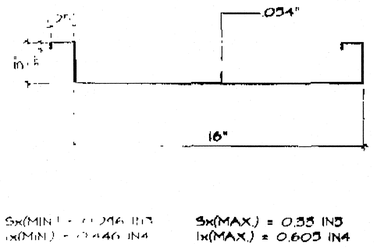
SCALE: 3"=1'

ROOFING @ MODLINE (1)



SCALE: 3"=1'

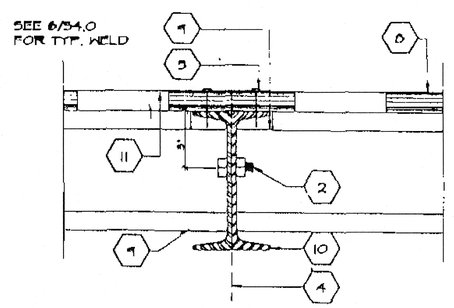
HEADER REINF. @ A.C. OPENING (8)



Sx(MIN.) = 0.296 IN3 Sx(MAX.) = 0.35 IN3
Ix(MIN.) = 0.446 IN4 Ix(MAX.) = 0.605 IN4

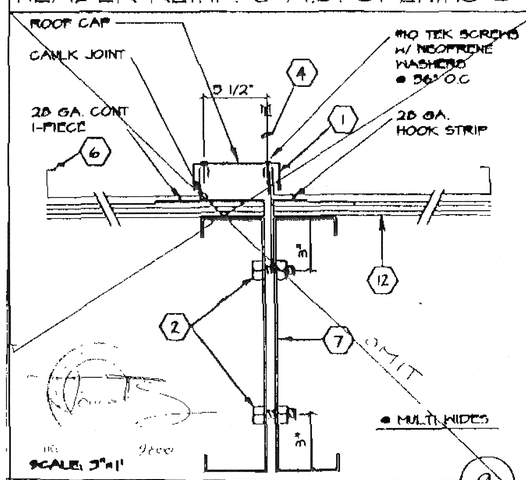
SCALE: 3"=1' 0"

ROOF PAN (22GA.) (5)



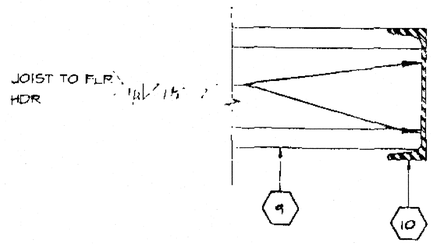
SCALE: 3"=1'

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



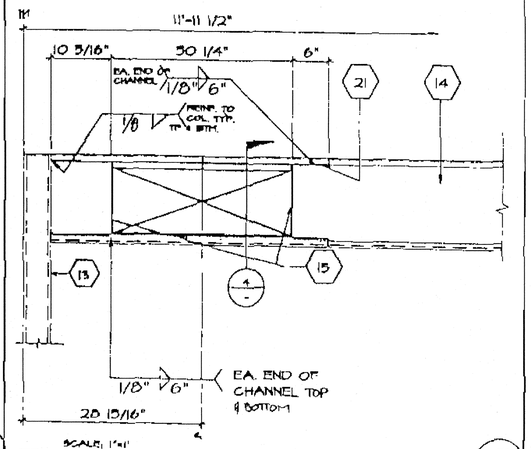
SCALE: 3"=1'

ALT. ROOFING @ MODLINE (9)



SCALE: 3"=1'

FLOOR JOIST 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) @ 5' O.C.
3. EN
4. MODULE JOINT
5. 1/4" @ 5' 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" L
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)

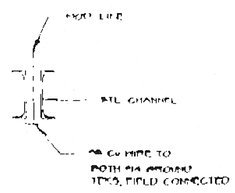
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP03 11 C 0 0 0
AC. FLR SS JB
DATE 7/24/14

DIV. OF THE STATE ARCHITECT OFFICE OF T
AC.
DATE DEC 17 1991

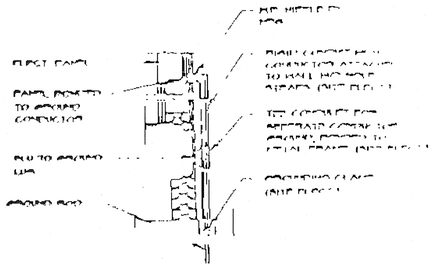
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

DRAWN BY
DATE
CHECKED BY
DATE

S1.0



JUMPER @ MOD. LINE



TYPICAL GROUNDING D[illegible]

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

NOTES

(1) [illegible] WEATHER PROOF GUTTER BOX - 10 (6"x6"x4")

(2) HVAC UNIT SEE SHT M-10

(3) ELECTRICAL PANEL "A"

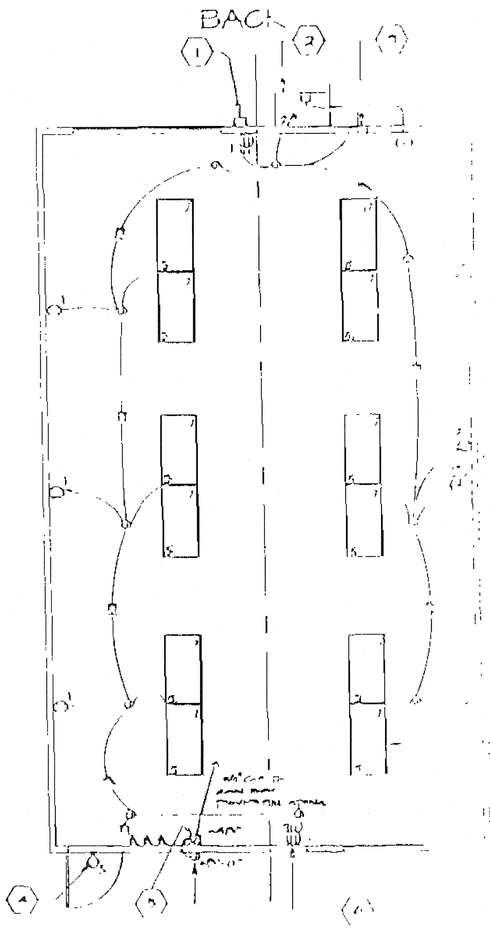
(4) EXTERIOR LIGHT FIXTURE

(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) 2'x4' FLUORESCENT LIGHT AND FIXTURE 4-REF (SEE SPEC 3)



MOUNTING HEIGHTS

RECEPTS	12" MIN.
PROJECTORS	5'-0"
EA WALL-EXTERIOR	7'-6"
EA WALL-INTERIOR	4'-0" MAX
CLOCK OUTLET	8'-0"
RAN TEE PBX J BOX	18" (6"x6"x4")
THERMOSTAT	4'-0" MAX
MAIN PANEL BOX	5'-0"
SWITCHES	4'-0" MAX

SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ELECTRICAL ENGINEER'S INFORMATION ONLY

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO 2 C.C.R. TITLE 24, SECTION 2213 (a) AND TABLE 23-F. ANCHORAGE DETAILS FOR FLOOR/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND WALL MOUNT EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

FOR ELECTRICAL DRAWINGS:

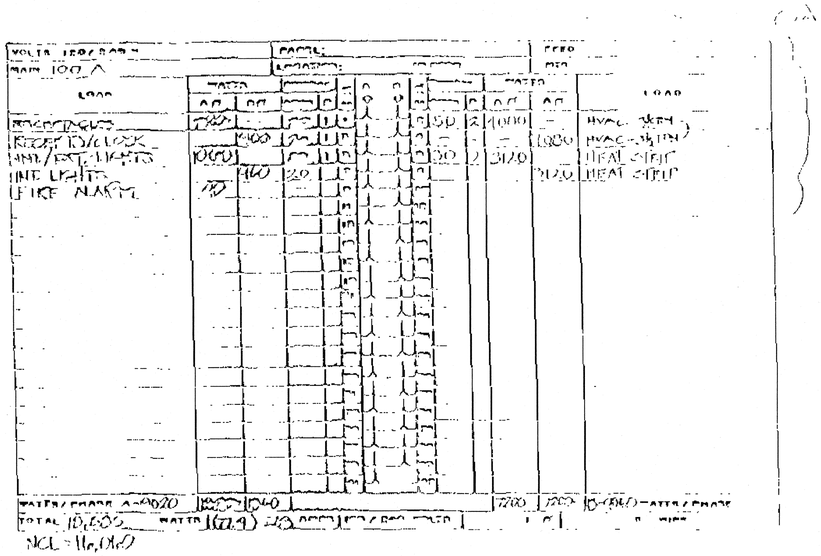
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FLOOR MOUNTED EQUIPMENT	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	50% 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 ELECTRICAL ENGR. AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT



ELECTRICAL PLAN

"A" SHOWN

"B" OPPOSITE

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

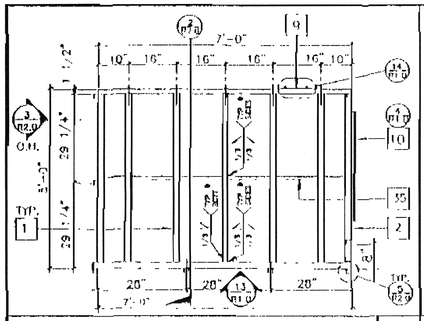
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

MODERN INC.

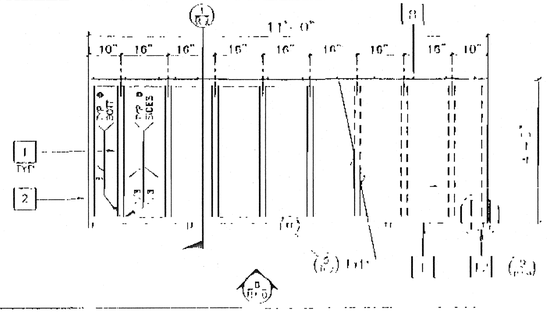
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 115009
ACT FLD SS JD
DATE 7/24/14

ELECTRICAL PLAN

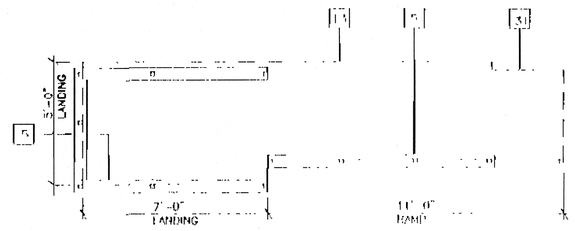
E1.0A



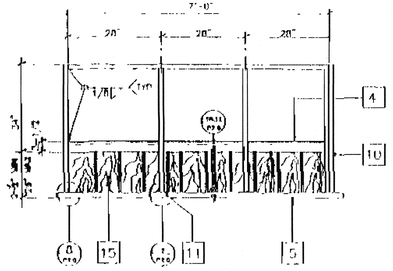
LANDING FRAME 12



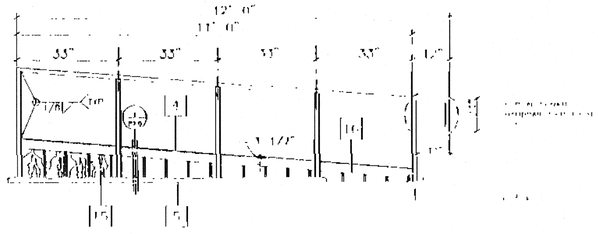
RAMP FRAME 7



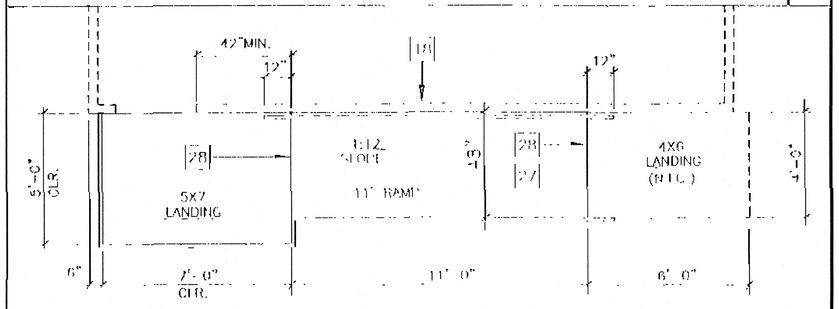
SILL PLAN FOR RAMP AND LANDING 1/8" 1



LANDING ELEVATION 13



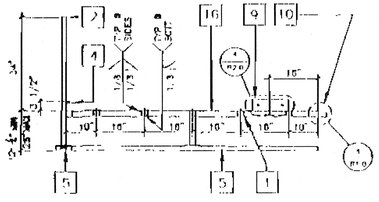
RAMP ELEVATION 8



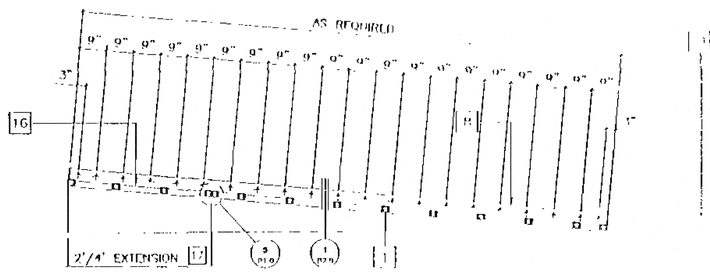
RAMP AND LANDING AT BUILDING 3/8" 2

KEY NOTES

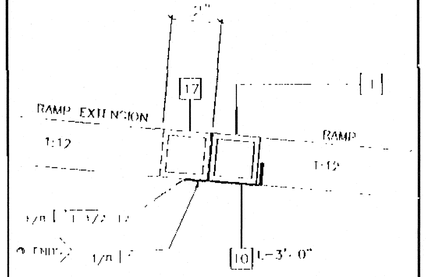
1	TS 2" x 2" x 14ga
2	TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
4	TS 1" x 1" x 16ga WHEELCHAIR GUIDE
5	2 x 6 PT SILL PLATE
6	6" x 10ga CONT. PLATE W/ 1/4" X 2" TEK SCREWS @9"OC INTO WOOD OR FOUND. BLOCKS OR #14 x 2" TEK SCREWS INTO STEEL @ 9" OC
9	6" x 12" x 10ga PLATE W/2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
10	3" x 1" x 3'-0" x 10ga RENT 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 POST 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 05. 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



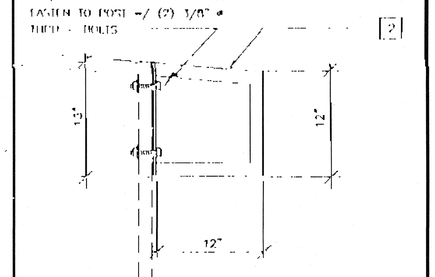
LONG. SECTION @ LANDING 14



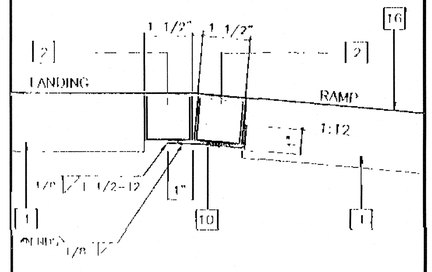
LONGITUDINAL SECTION @ RAMP 9



RAMP EXTENSION TO RAMP 5



GUARD RAIL EXTENSION 3



LANDING TO RAMP 4

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/#8 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 20'-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

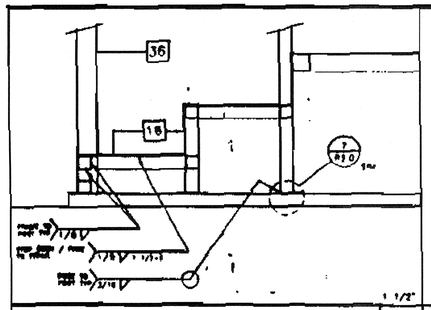
DIVISION OF THE STATE ARCHITECT
APP03 115099
AC FLS TB
DATE 7/29/14

drawn by TW
date 11/98
checked by
date
Modtech project no.

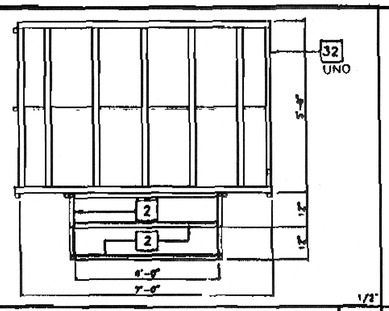
MODTECH Index No.

RAMP / LANDING

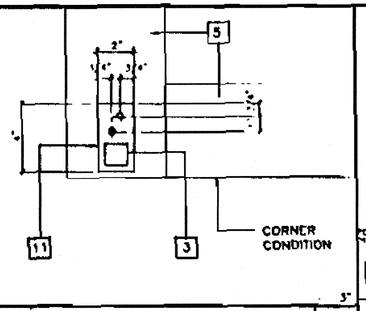
R1.0



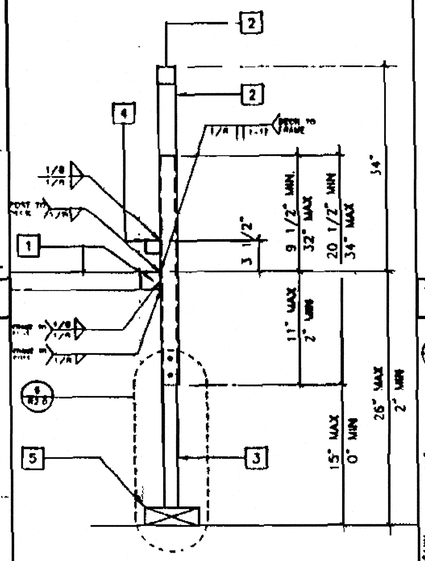
STAIR SECTION (OPTIONAL) 16



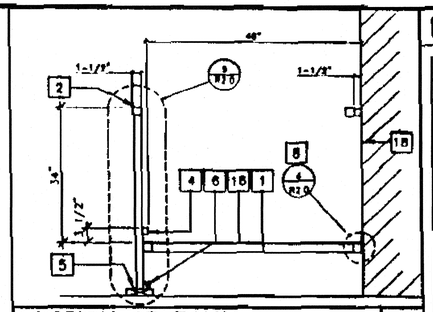
STAIR PLAN (OPTIONAL) 12



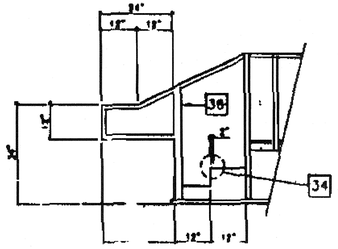
ADJUSTABLE LEG BASE PLATE 8



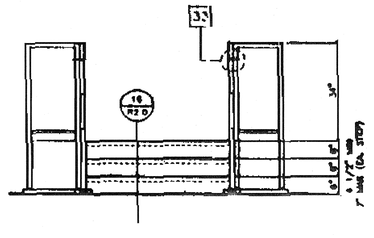
ADJUSTABLE LEG 5



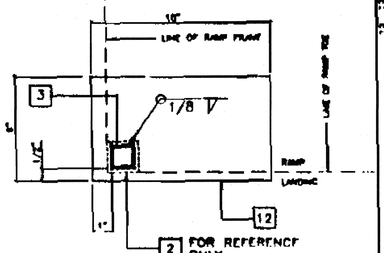
SECTION AT RAMP 1



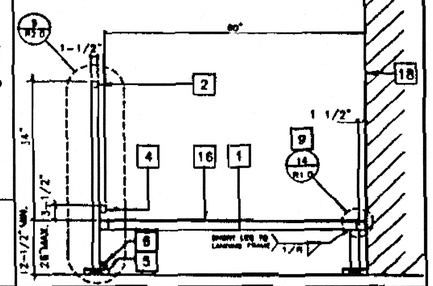
STAIR ELEVATION (OPTIONAL) 17



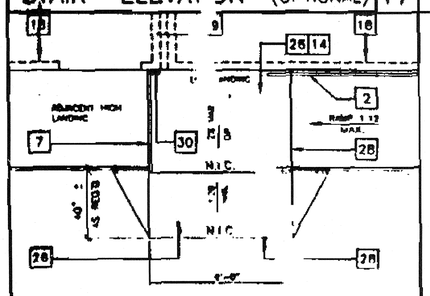
STAIR ELEVATION (OPTIONAL) 13



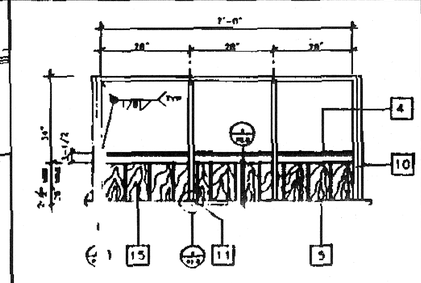
BASE PLATE @ RAMP TOE 9



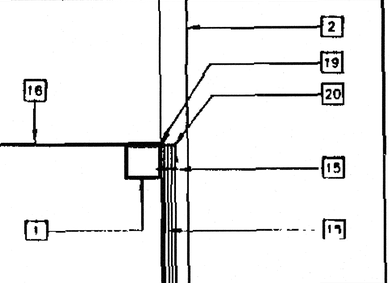
SECTION AT LANDING 2



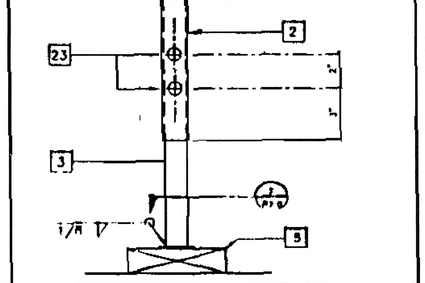
RAMP TRANSITION 18



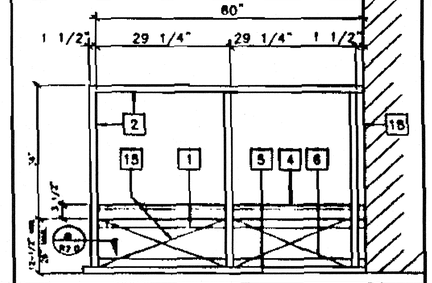
14



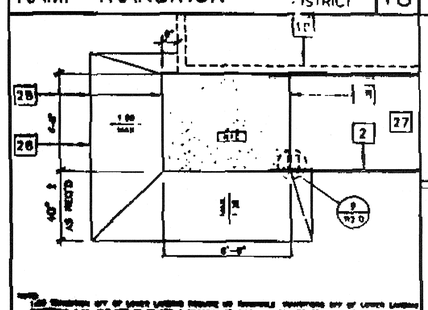
SKIRT FLASHING 10



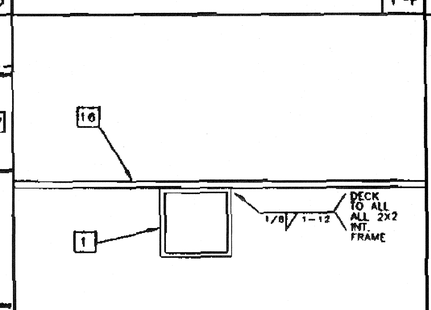
ADJUSTABLE LEG 6



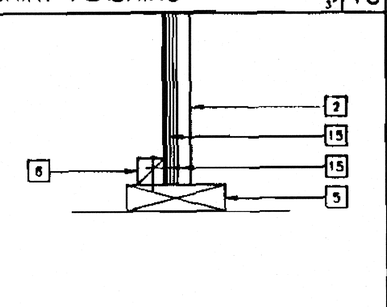
END ELEVATION 3



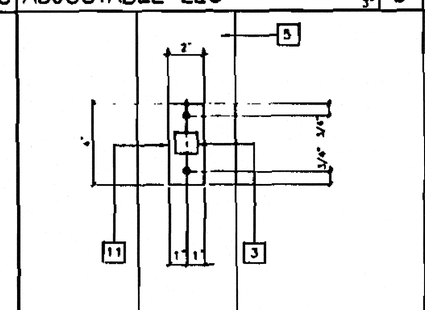
RAMP TRANSITION 19



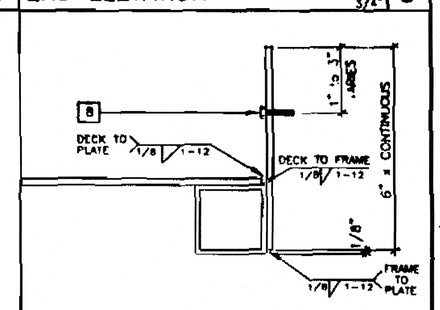
SECTION @ INT. FRAME 15



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 @ 8" OC INTO WOOD OR FOUNDATION BLOCKS OR @14 x 2" TEK SCREWS INTO METAL W 9"OC
11	2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
12	8" x 10" x 12ga BASE PLATE @ RAMP TOE.
14	LOWER LANDING BY DISTRICT
15	PAINTED PLYWOOD TO MATCH BUILDING BROWN. SLOPE AT EDGES, ATTACH W/@4 @ 8" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE @14 x 2" TEK SCREWS @ 9" OC
18	12ga METAL DECK; NON-SLIP SURFACE, DESIGN COEFFICIENT OF FRICTION GREATER THAN .8R, MAINTAINABLE FOR 1 YR
19	EXISTING BUILDING.
20	CAULKING
23	26 ga FLASHING
26	3/8" dia x 2" LONG MB W/NUT & WASHERS
27	PAVE BY DISTRICT.
28	RAMP BY MODTECH
30	FLUSH TRANSITION
32	3" MINIMUM BUILDING SEPERATION
33	PROVIDE DRAINAGE FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
34	FOR LANDING DETAILS AND RAMP ATTACHEMENT SEE 12/R1.0
36	FASTEN POSTS W/ 3/8" @ THRU BOLT, TYPICAL
	2" WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
	TS 2 1/2" x 1 1/2" x Bga ASTM A500 GRADE A

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPROVED 115699
BY JW PLS SS TD
DATE 7/24/14

REVISIONS

1				
2				
3				
4				
5				

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 275
AC PLS SS
DATE 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 TVN
date 11/96
checked by
date
Modtech project no PC 275

RAMP/STAIR DETAILS

Modtech Index No. R2.0

JOB # 3405

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

FOR

WILLIAMS SCOTSMAN

(56) BUILDINGS

STOCKPILE

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)
1996 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

ARCHITECTURAL

A.0	TITLE SHEET
A1.0	FLOOR PLAN 24'X40'
~~A2.0~~	~~ROOF PLAN (DUAL PITCH) 24'X40'~~
A3.0	EXTERIOR ELEVATIONS (DUAL PITCH) 24'X40' W/ FASCIA
~~A4.0~~	~~INTERIOR ELEVATIONS 24'X40'~~
~~A5.0~~	~~DOORS, WINDOWS, FINISH, MANUFACTURER SPECIFIED~~
~~A6.0~~	~~MANUFACTURING DETAILS (WOOD FLOOR)~~
~~A6.1~~	~~MANUFACTURING DETAILS (WOOD FLOOR)~~
~~A7.0~~	~~REFLECTED CEILING PLAN (24'X40') (12 LIGHTS)~~
~~AP.1~~	~~REFLECTED CEILING DETAILS~~

STRUCTURAL

F1.0	FOUNDATION PLAN (24 x 40) 50 PSF LL (WOOD)
F2.0	FOUNDATION DETAILS (WOOD)
~~F3.0~~	~~FLOOR FRAMING PLAN 50 PSF LL~~
S1.2	FLOOR FRAMING DETAILS (TYPICAL)
~~S2.0~~	~~ROOF FRAMING PLAN (DUAL PITCH) W/ FASCIA~~
~~S2.1~~	~~ROOF FRAMING DETAILS (DUAL)~~
~~S3.0~~	~~STRUCTURAL ELEVATIONS & DETAILS (DUAL PITCH)~~
~~S4.0~~	~~WALL FRAMING (WOOD)~~
~~S5.0~~	~~WALL FRAMING DETAILS (WOOD)~~
~~S5.1~~	~~WALL FRAMING DETAILS (WOOD)~~

MECHANICAL

~~M1.0~~	~~MECHANICAL (HVAC) PLAN 24'X40' 2 1/2 TONS~~

ELECTRICAL

E1.0	ELECTRICAL PLAN 24'X40'

RAMP

R1.00	RAMP/LANDING PLAN W/ 11' RAMP
R1.02	RAMP/STAIRS DETAILS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 101988
AC G FLS FF SS 6a
DATE MAR 0 8 2004

FLS: EFlow
ACP: G.Izon
SS: G Watson

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 115880
AC JW FLS SS 13
DATE 7/24/14

JOB No.# 3405

CBC 1998 PC

REVISIONS

1				
2				
3				
4				
5				

Electrical Engineer's Seal

Mechanical Engineer's Seal

~~Structural Engineer's Seal~~
LICENSED ARCHITECT
REG. C-24928
RENEWAL 08-31-99
STATE OF CALIFORNIA

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101419
AC DT FLS FF SS 6a
DATE 10/22/99
ACP: D.PERLMAN
APP: EFlow

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

PROJECT NUMBER: 3405.5

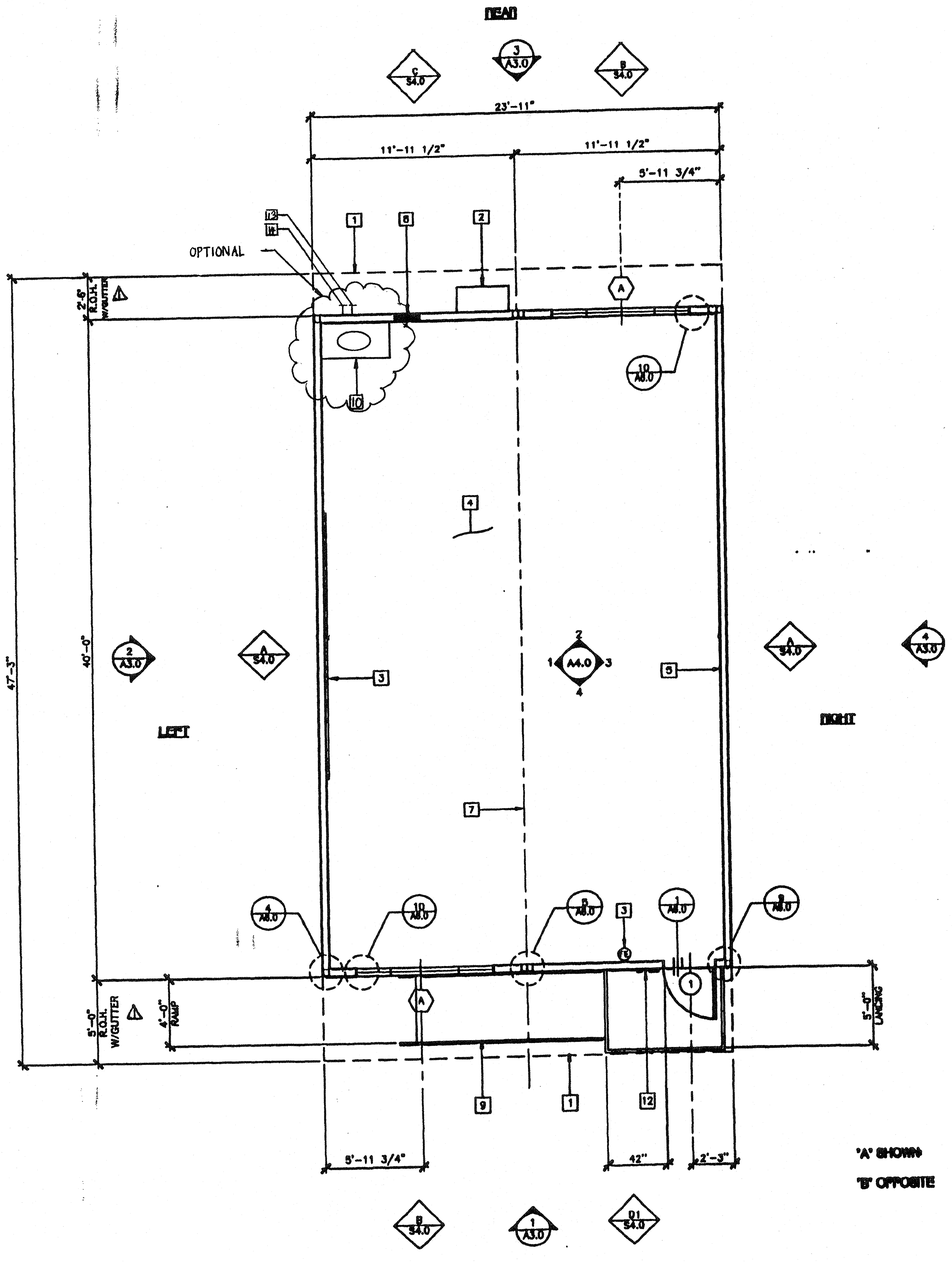
DRAWN BY
DATE:
CHECKED BY: FB
DATE: 10/22/99

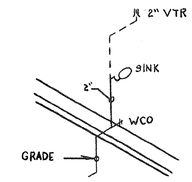
MODTECH Index No.

COVER SHEET

A.0

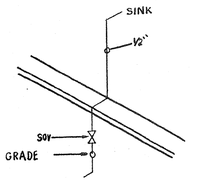
3405





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 (RAMP)
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.

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APP03 115899
AC JW FLS SS JB
DATE 7/21/14

FILE PATH: 2440-0-A1-01.DWG

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

PC
CBC 1998

REVISIONS		
1	11/99	CLARIFY OVERHANGS — EE
2		
3		
4		
5		

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

IDENTIFICATION STAMP
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PC-04
10419
AC DF
DATE 06/23/1999

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

PROJECT NUMBER:

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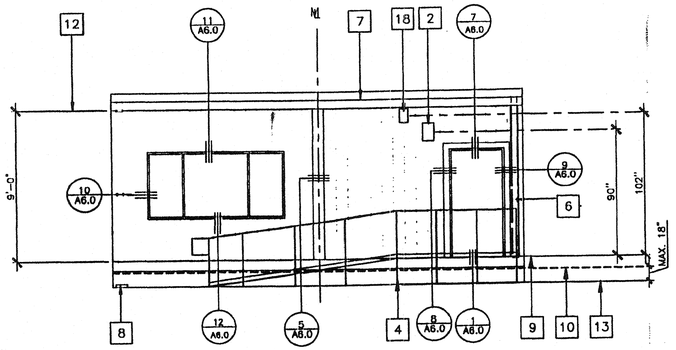
MODTECH Project No.

FLOOR PLAN

A1.0

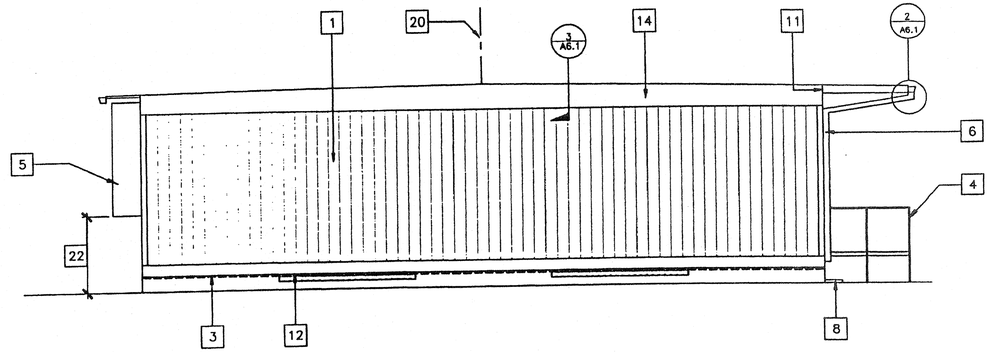
PROJECT NO. 3405

PC-04-101419



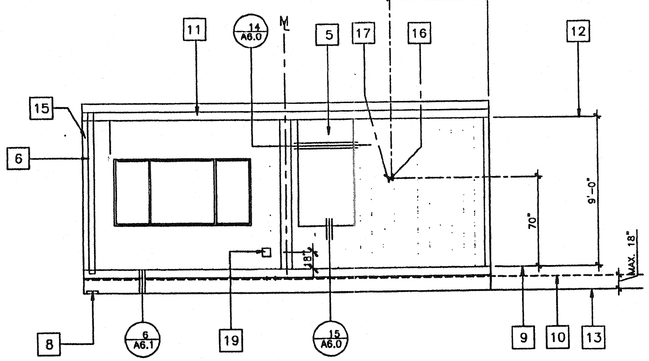
1 FRONT ELEVATION

1/4" = 1'-0"



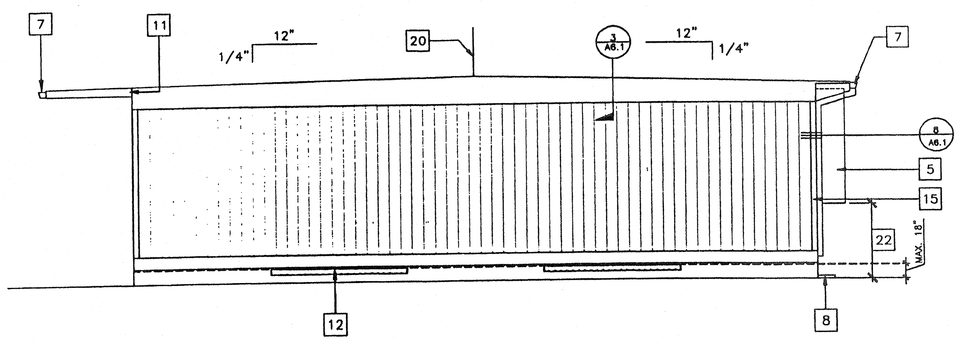
2 LEFT ELEVATION

1/4" = 1'-0"



3 REAR ELEVATION

1/4" = 1'-0"



4 RIGHT ELEVATION

1/4" = 1'-0"

"A" = SHOWN
"B" = OPPOSITE

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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 JB
DATE 7/24/14

F.E. PAT.#: 2440-0-AS-5.3.96

PROJECT NO.

PC-04-101419

REVISIONS					
1					
2					
3					
4					
5					

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSED ARCHITECT
No. C-24938
12/31/99
DATE
STATE OF CALIFORNIA

Architects Seal

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

MODTECH

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

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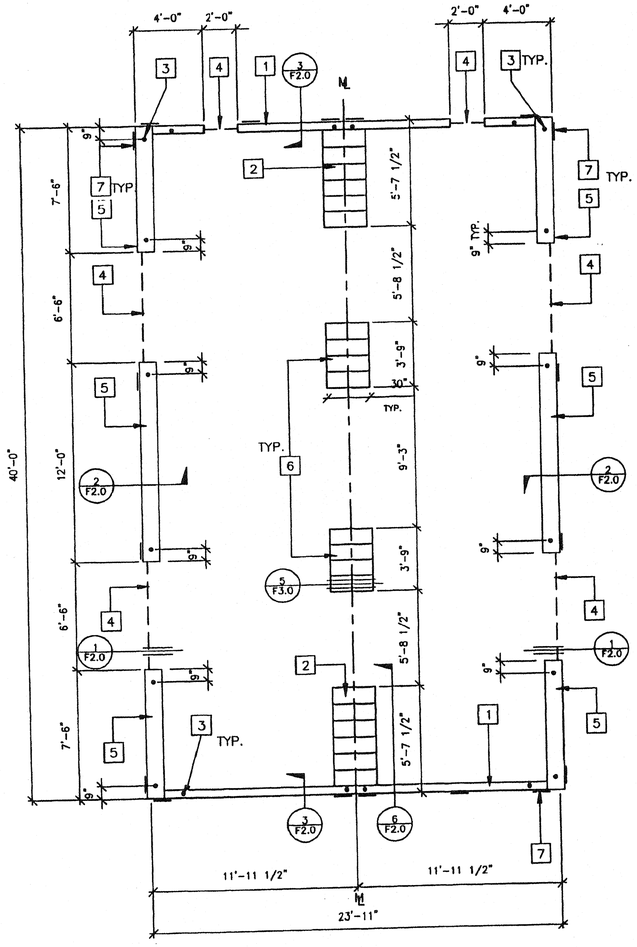
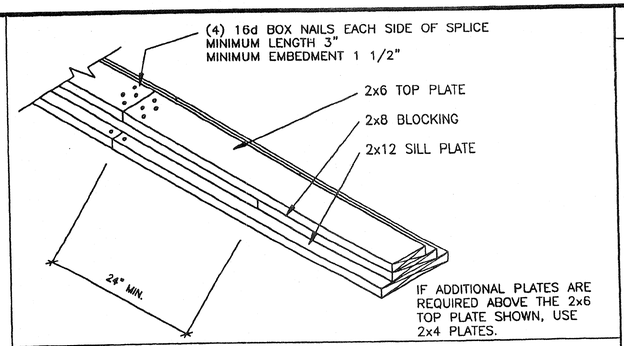
MODTECH Index No.

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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REVISIONS

1			
2			
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
ASSEMBLY ARCHITECT
Reg. C-31828
RENEWAL DATE
STATE OF CALIFORNIA

Architects Seal

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DATE OCT 25 1999

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

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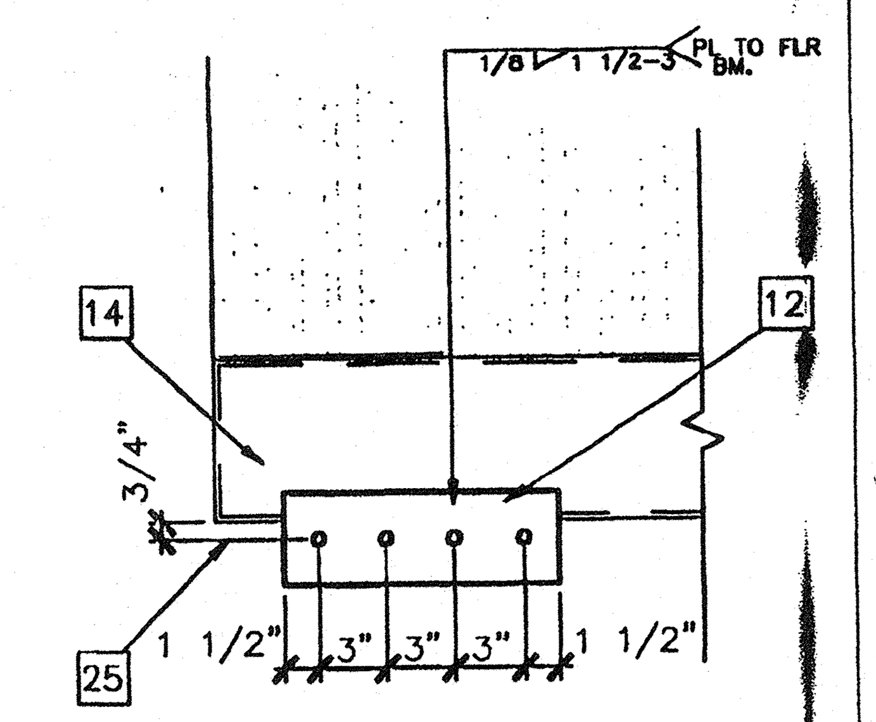
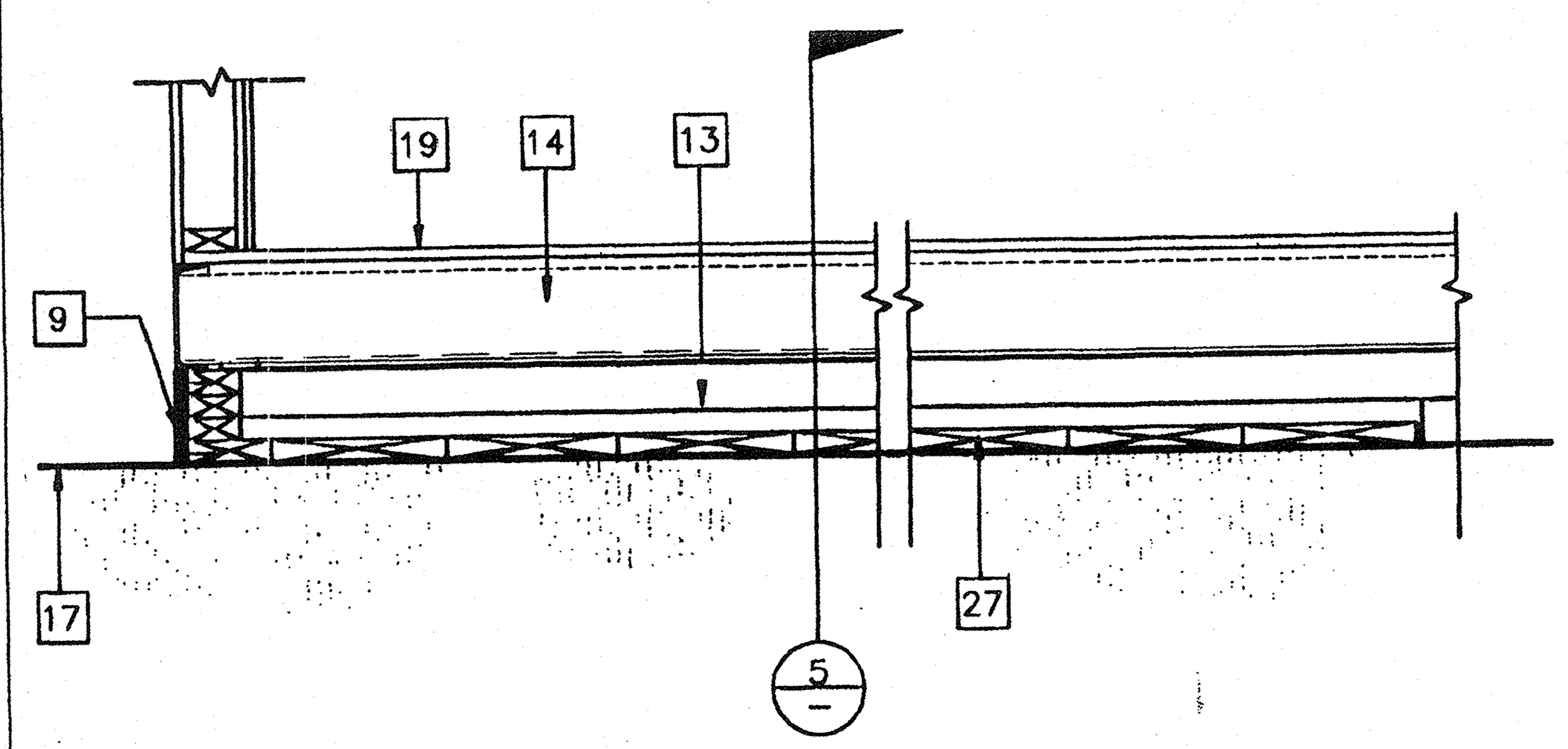
MODTECH Index No.
F1.0

PROJECT NO. PC-04-101419

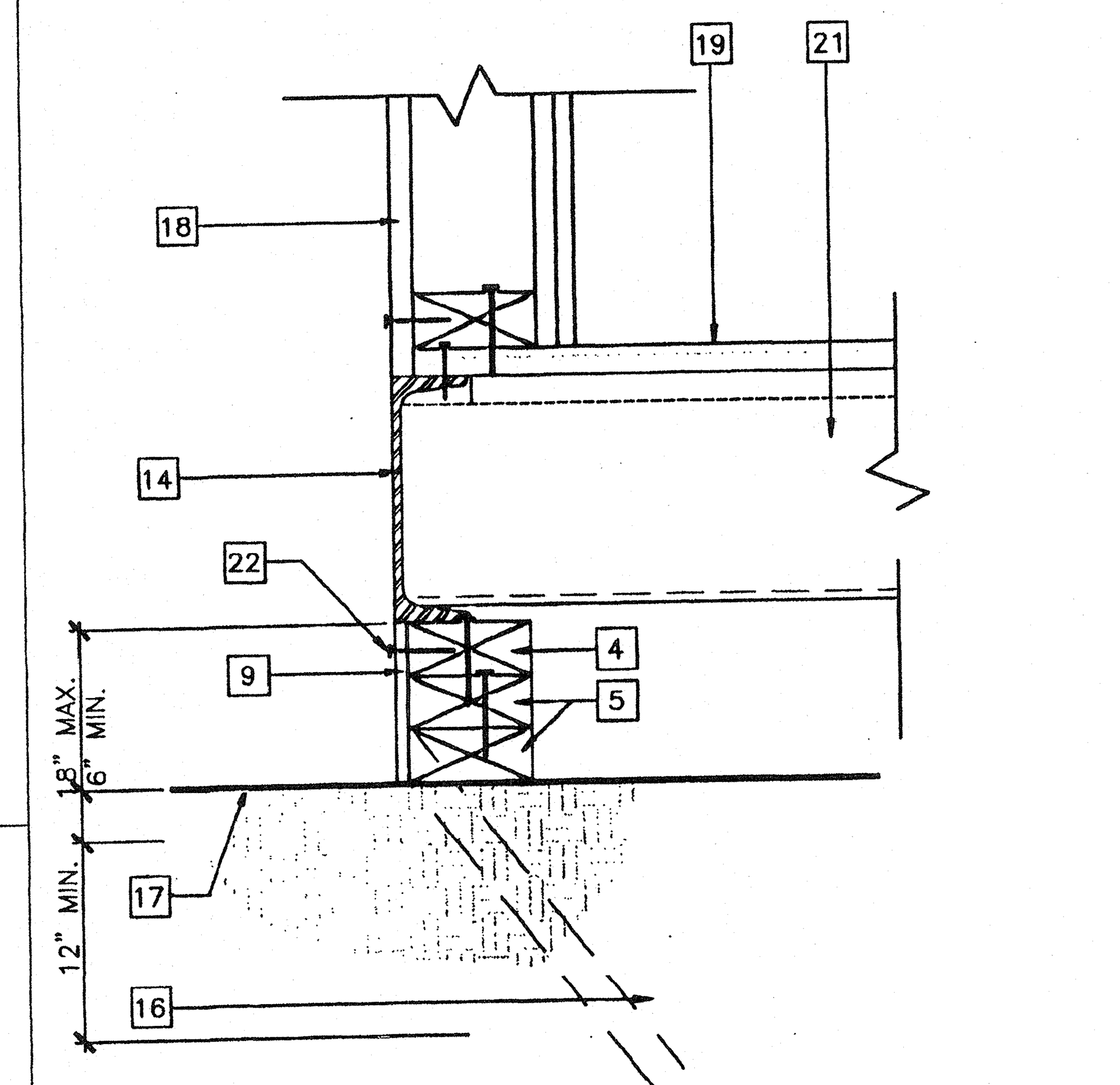
FILE PATH: 2440-0-F1-0.DWG



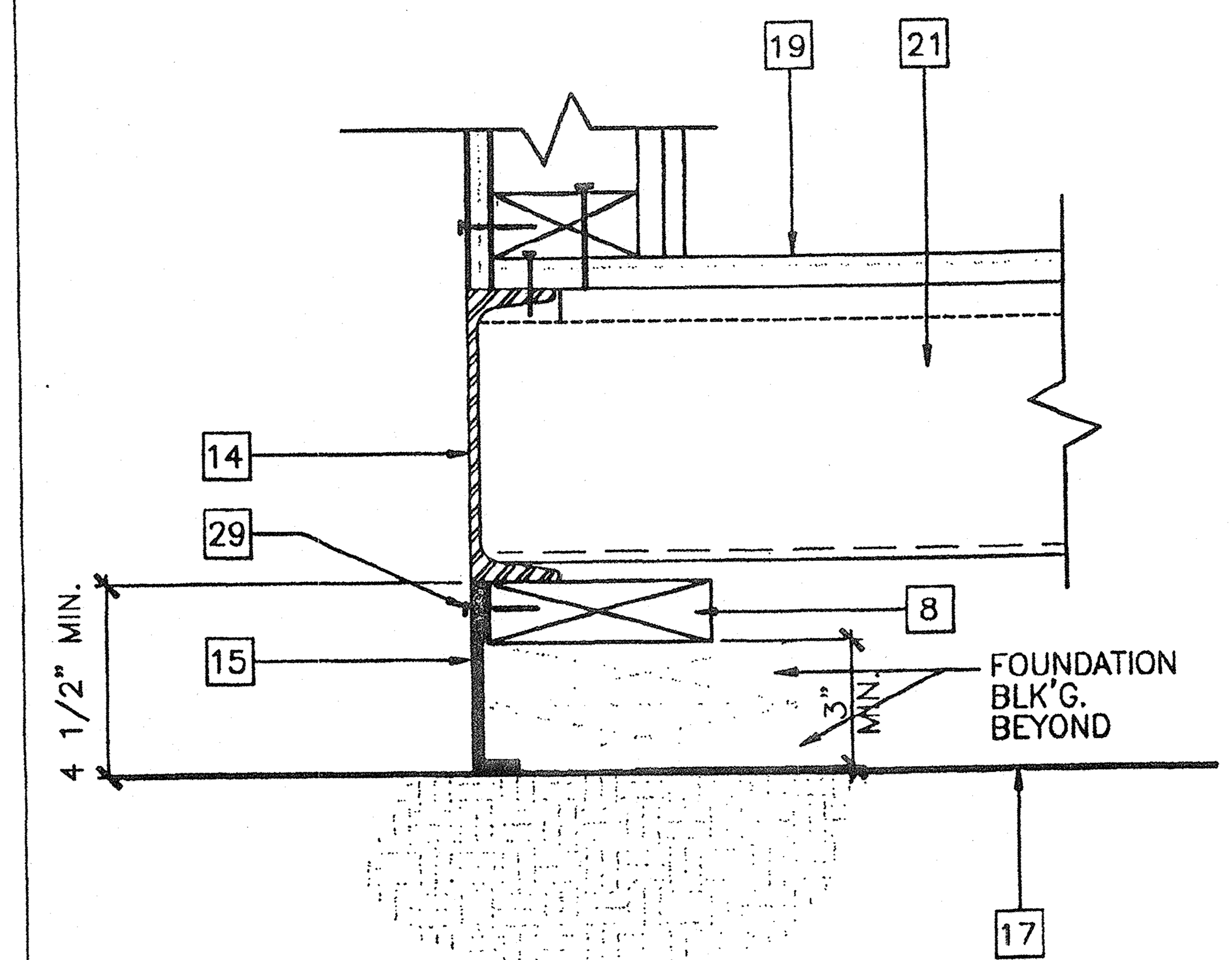
9 SCALE: 1 1/2"=1'-0"
ALTERNATE TIE PLATE



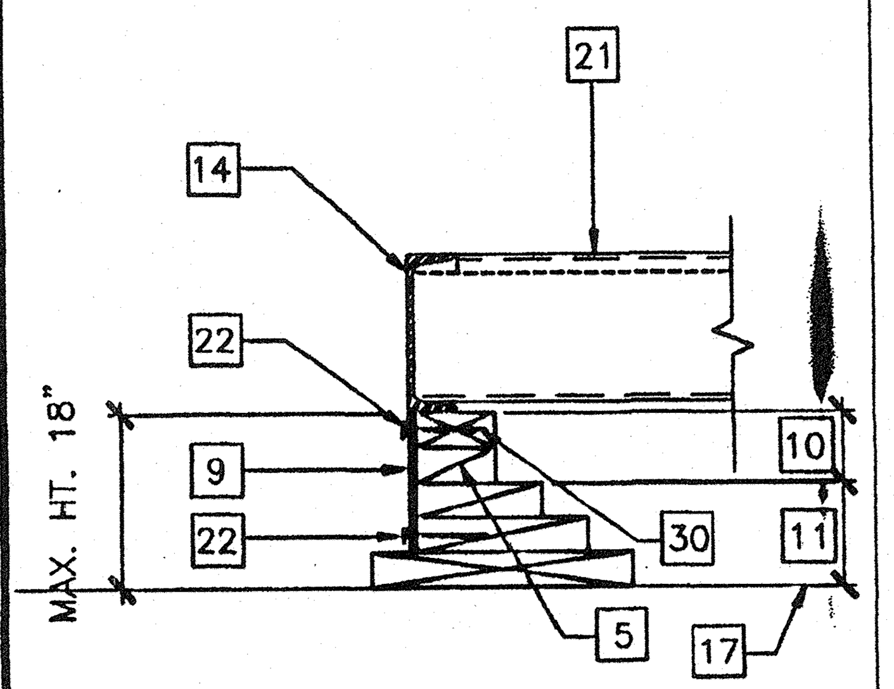
6 SCALE: 1 1/2"=1'-0"
MODLINE PAD @ END WALL



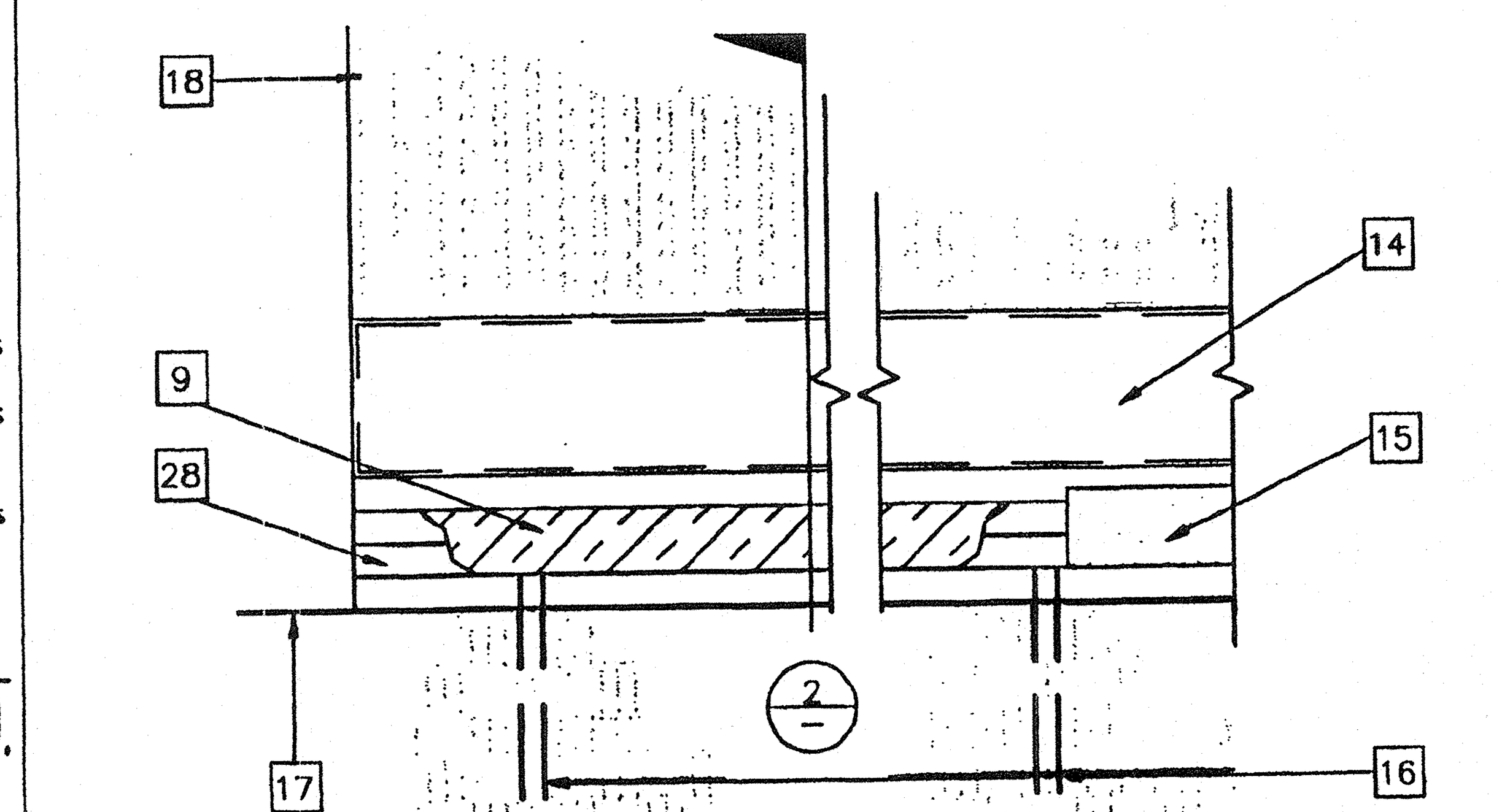
3 SCALE: 3"=1'-0"
FOUNDATION @ END WALL



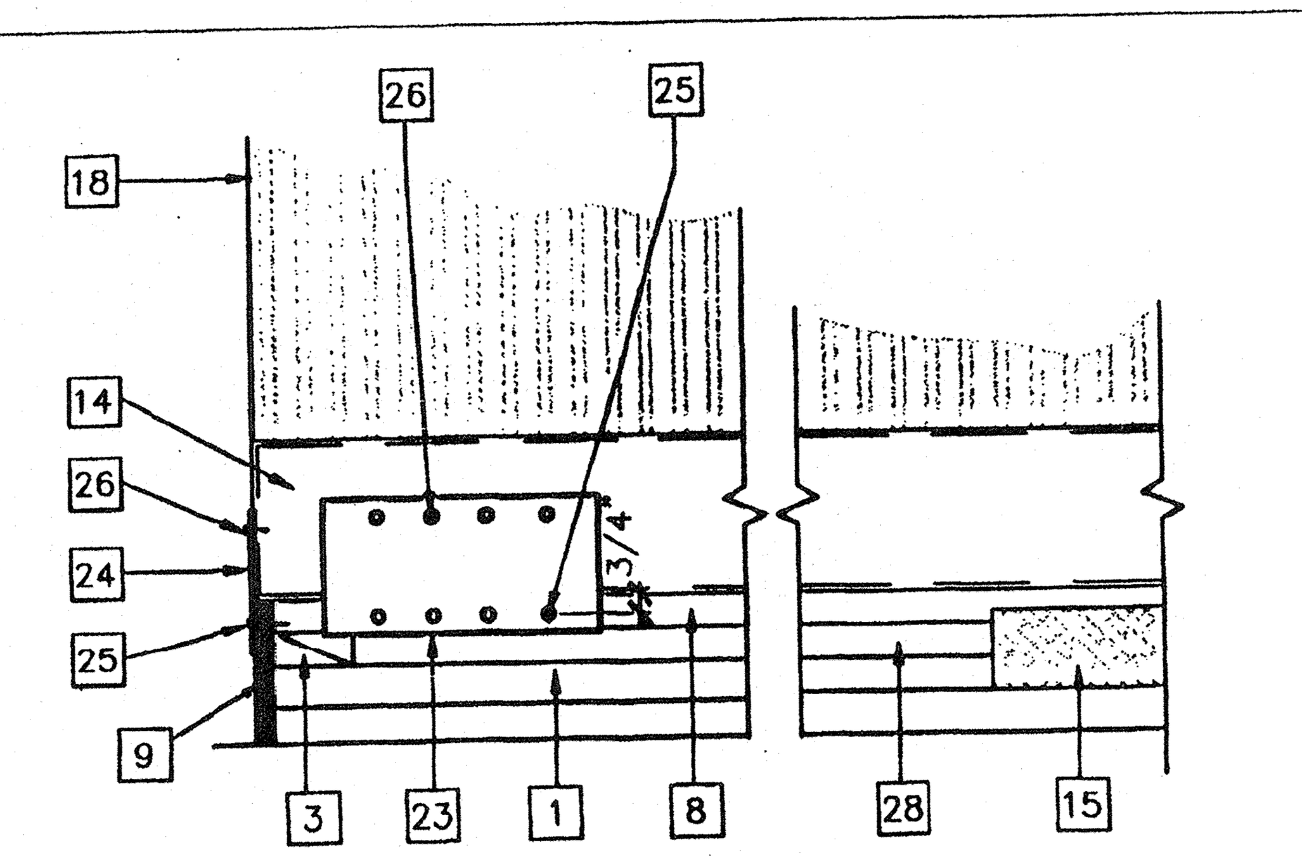
1 SCALE: 3" = 1'-0"
FOUNDATION VENT



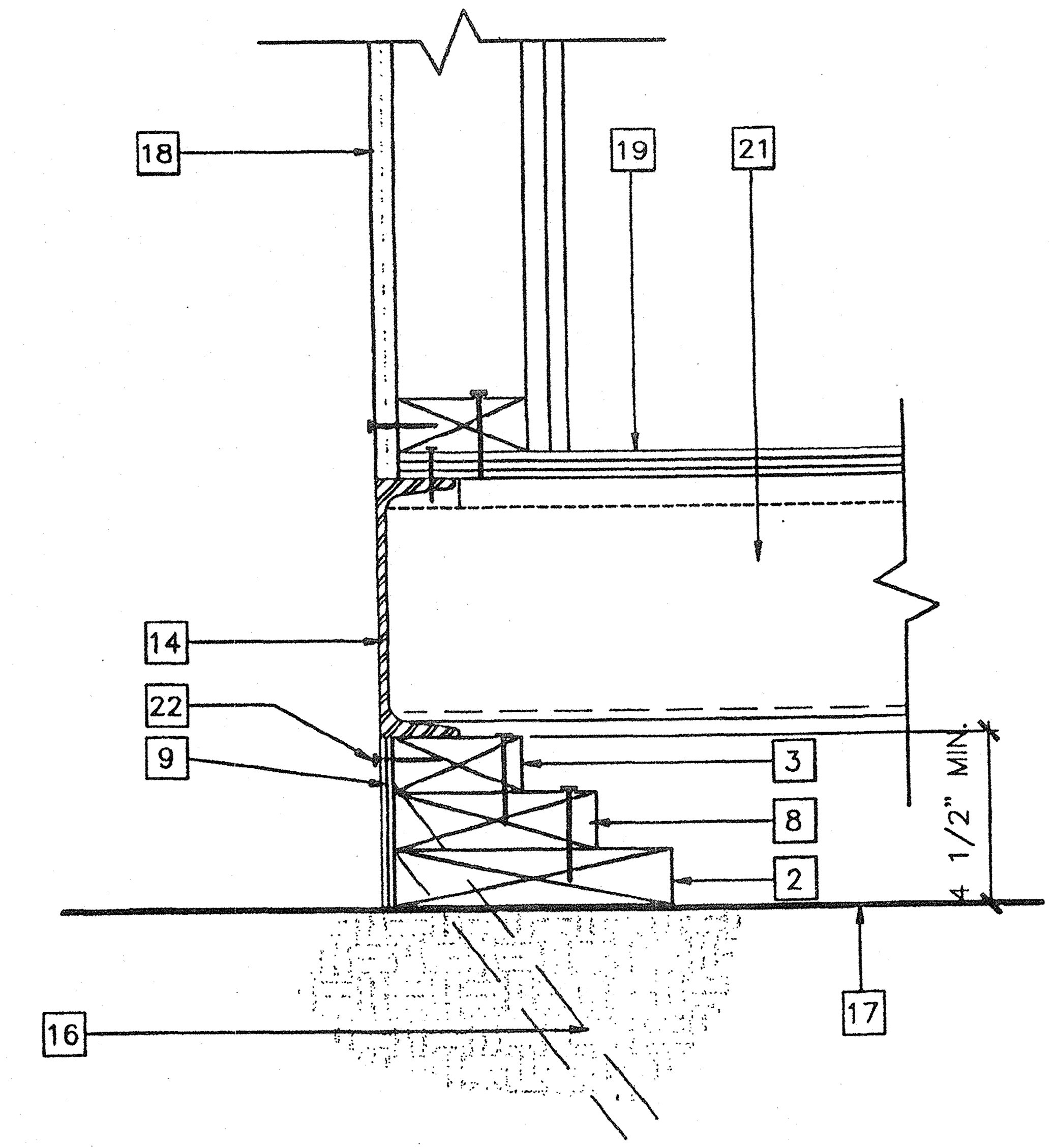
10 SCALE: 1 1/2"=1'-0"
ADD BLK'S/SHIMS TO LEVEL FOUND.



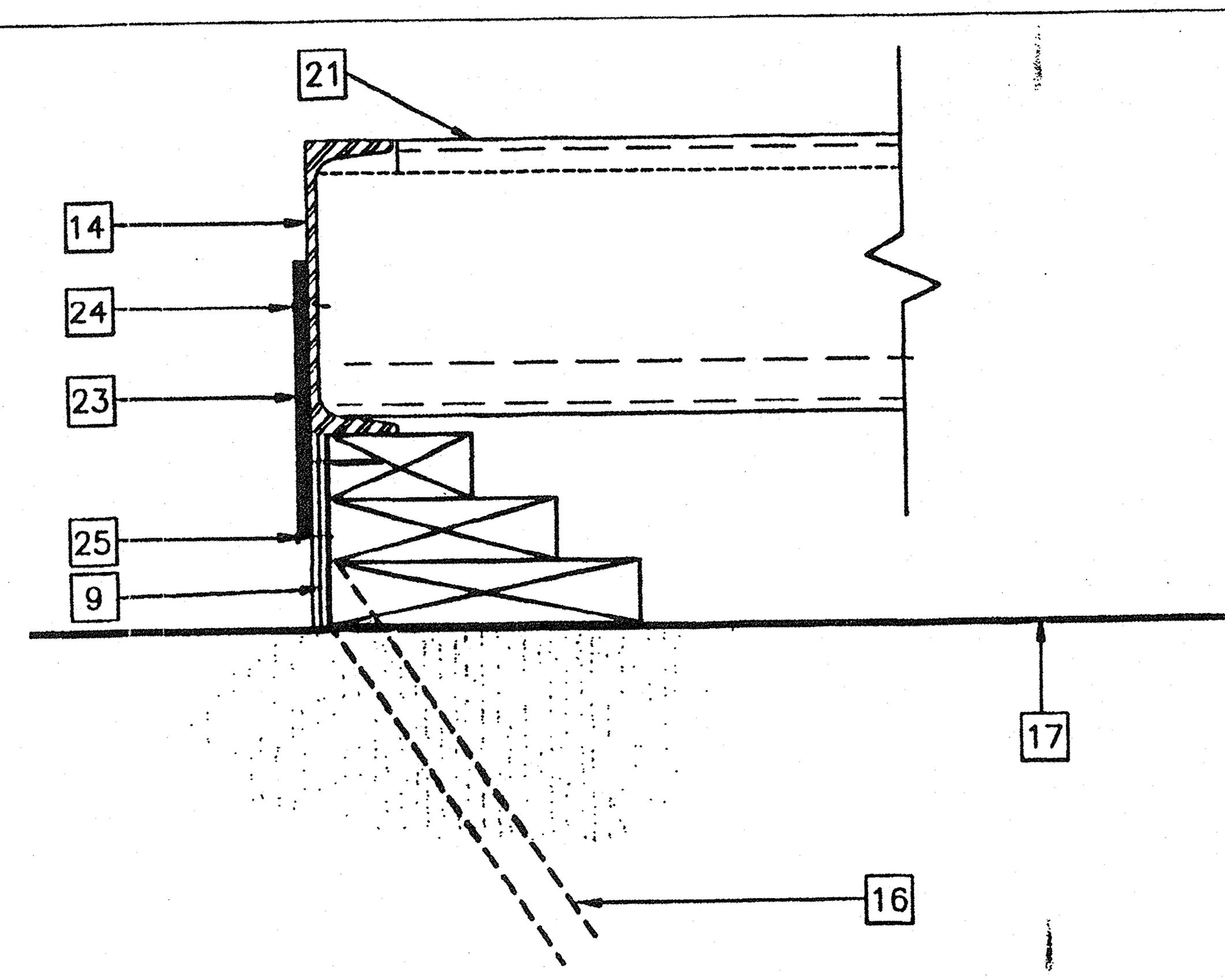
7 SCALE: 1 1/2"=1'-0"
FOUNDATION ELEVATION @ SIDE WALL



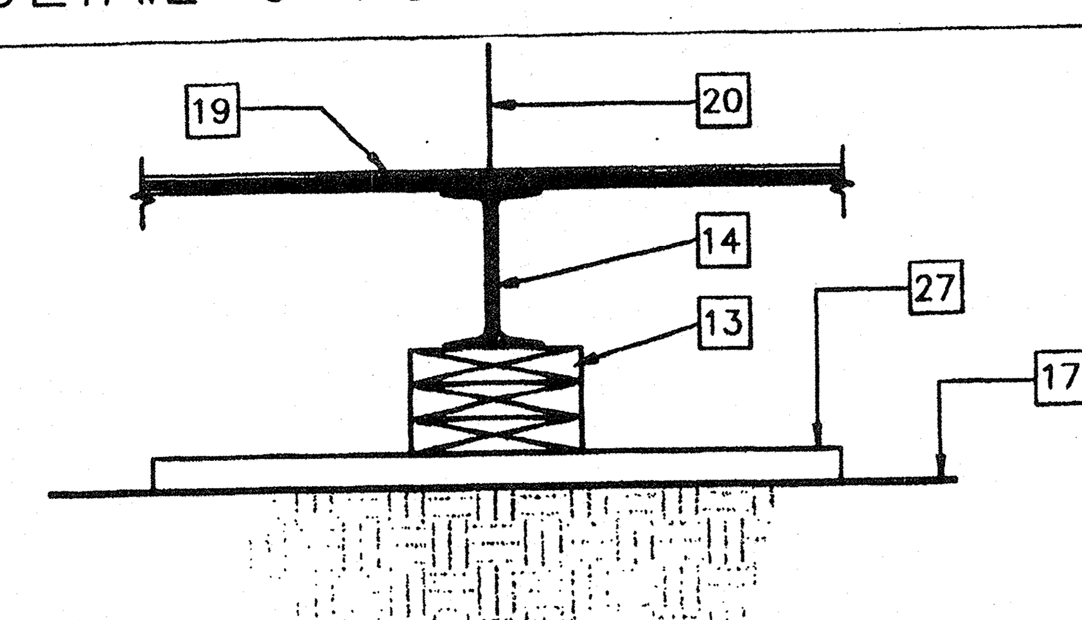
4 SCALE: 1 1/2"=1'-0"
DETAIL @ FOUNDATION CORNER



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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APP03 113890
AC YW FLS SS TB
DATE 7/24/14

PROJECT NO.
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REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	~~Structural Engineer's Seal~~	Architects Seal
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MODTECH INC.
2830 BARRETT AVENUE
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PH (909) 943-4014
FAX (909) 940-0427

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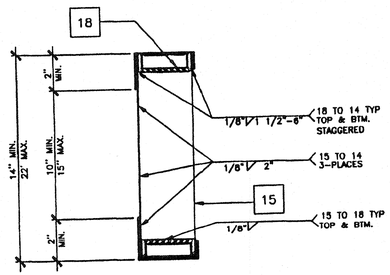
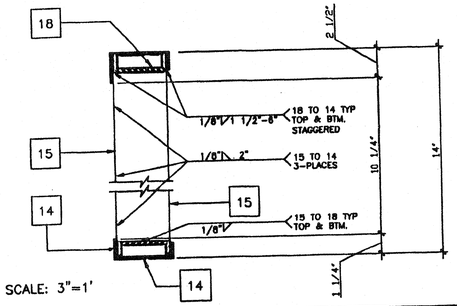
FOUNDATION DETAILS



SCALE: 3"=1'

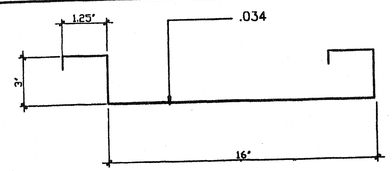
SEE MECH. PLAN FOR LOCATION

MECH. DUCT OPENING IN ROOF BM. 8



SCALE: 3"=1'

MECH. DUCT OPENING IN HEADER 4

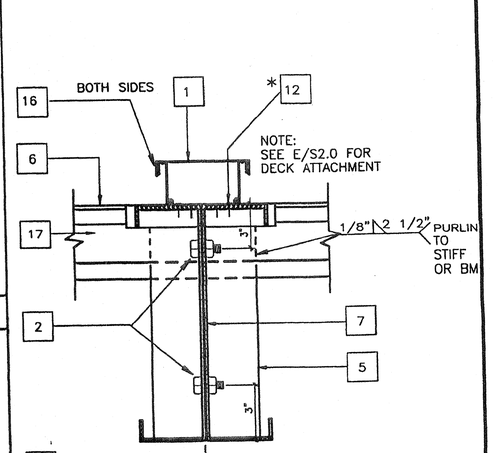


Sx(MIN) = 0.296 IN3
1x(MIN) = 0.446 IN4

Sx(MAX) = 0.33 IN3
1x(MAX) = 0.603 IN4

SCALE: NTS

ROOF PAN (22GA.) 5



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

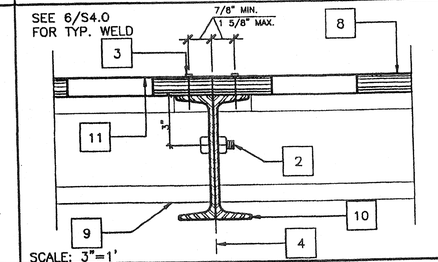
* DO NOT PENETRATE METAL ROOF DECK

SCALE: 3"=1'

ROOFING @ MODLINE 1

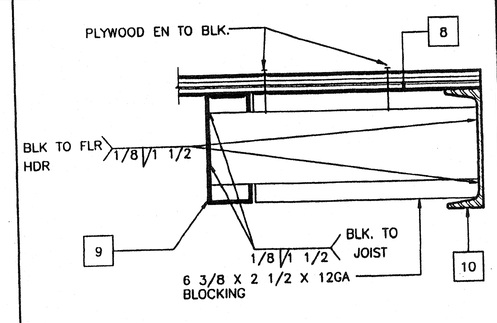
SCALE: 3"=1'

FLOOR FRAME/JOIST TO BEAM 6



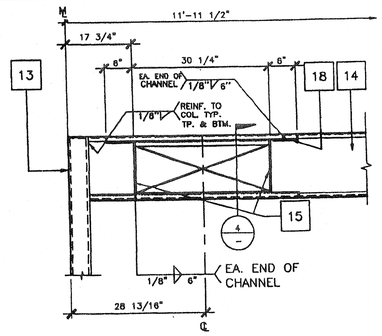
SCALE: 3"=1'

MODULE JOINT AT FLR. 12'-0" 2



SCALE: 3"=1'

BLOCK AT MIDSPAN 7



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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AC FLS SS G
DATE MAR 09 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 115899
AC / FLS / SS JB
DATE 7/24/14

CBC 1998

PC

10

REVISIONS

1			
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — LICENSED ARCHITECT — No. 12429 — 12/31/99 RENEWAL DATE — STATE OF CALIFORNIA

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101419
AC FLS SS GW
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.

STRUCTURAL DETAILS

S1.2

PROJECT NO. PC-04-101419

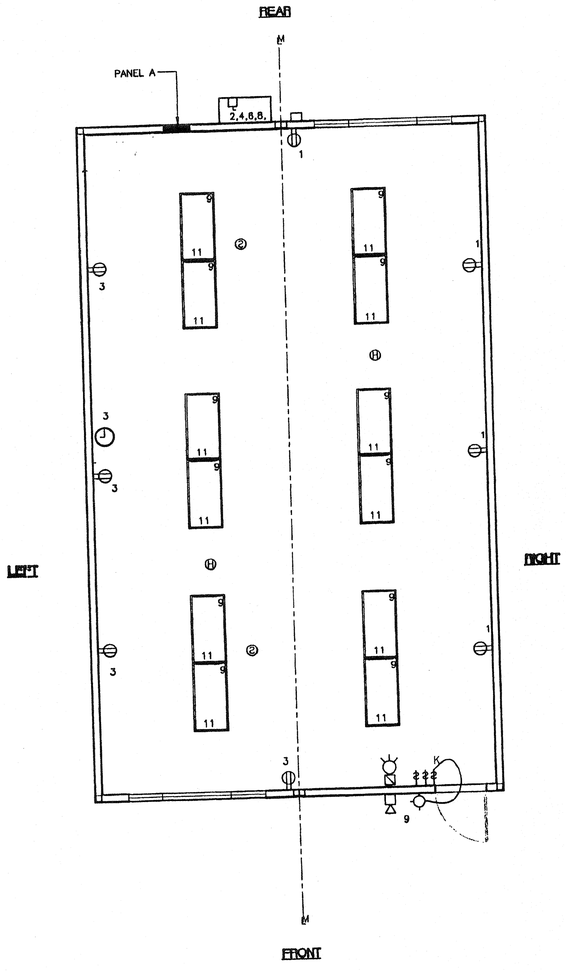
S1.2 PARK 2440-0-31-2.DWG

ELECTRICAL PANEL SCHEDULE

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

LOAD		WATTS A∅	WATTS B∅	BREAKER Amps	BREAKER P	CKT	A	B	CKT	BREAKER P	BREAKER Amps	WATTS A∅	WATTS B∅	LOAD
RECEPTACLE	(4)	720		20	1	1			2	2	50	3360		HVAC (3 1/2T)
RECEPTACLE/CLOCK	(5)		720	20	1	3			4	–	–		3360	HVAC (3 1/2T)
						5			6	2	30	2500		HEAT STRIPS (5KW)
						7			8	–	–		2500	HEAT STRIPS (5KW)
INT/EXT LIGHTS	(11)	760		20	1	9			10					
INT. LIGHTS	(10)		700	20	1	11			12	–	–	40		FIRE ALARM (DEDICATED)
WATTS/PHASE	A = 7340	1480	1420									5880	5900	B = 7320 WATTS/PHASE
TOTAL 14810 WATTS		62 AMPS					120/240 VOLTS					SINGLE ∅		THREE WIRE
NCL = 13060 WATTS														

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



ELECTRICAL PLAN (24'x40')

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

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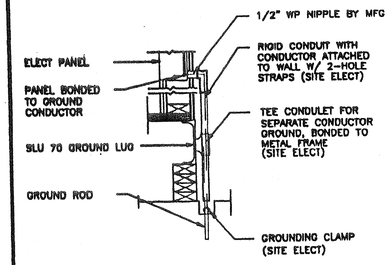
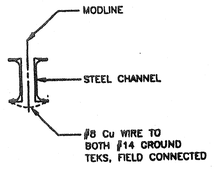
GENERAL GROUNDING NOTES

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 UON
- HVAC UNIT (HV)
- 4SD J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, 3/4" CO TO ○ OR □ . PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE AT +80" AFF 3/4" CO TO ⊠ PULLSTRING
- 4SD J-BOX FOR FIRE ALARM HORN AT +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 +80" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- CLOCK AT +90" AFF
- DATA LINE
- (S) 4SJ BOX FOR OPTIONAL SMOKE DETECTOR (CEILING) ★
- (11) 4SJ BOX FOR OPTIONAL HEAT DETECTOR (ATTIC) ★

NOTES

1. SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:

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

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 04 101984 AC FLS SS DATE MAR 0 6 2000

IDENTIFICATION STAMP DIV OF THE STATE ARCHITECT APP03 115889 AC FLS SS TB DATE 7/24/2014

FILE PATH: 2440-0-E1.0.DWG

REVISIONS

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2			
3			
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Electrical Engineer's Seal | Mechanical Engineer's Seal | Architects Seal

REGISTERED PROFESSIONAL ENGINEER No. C-27978 ELECTRICAL STATE OF CALIFORNIA

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

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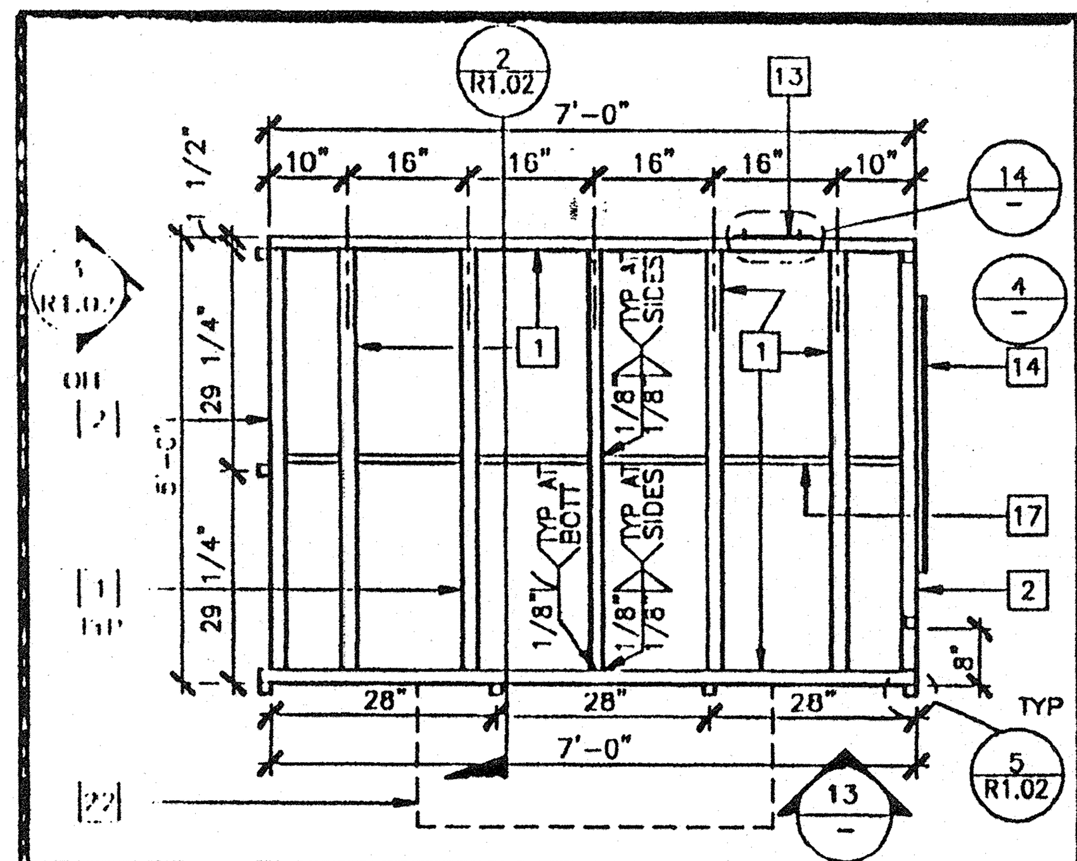
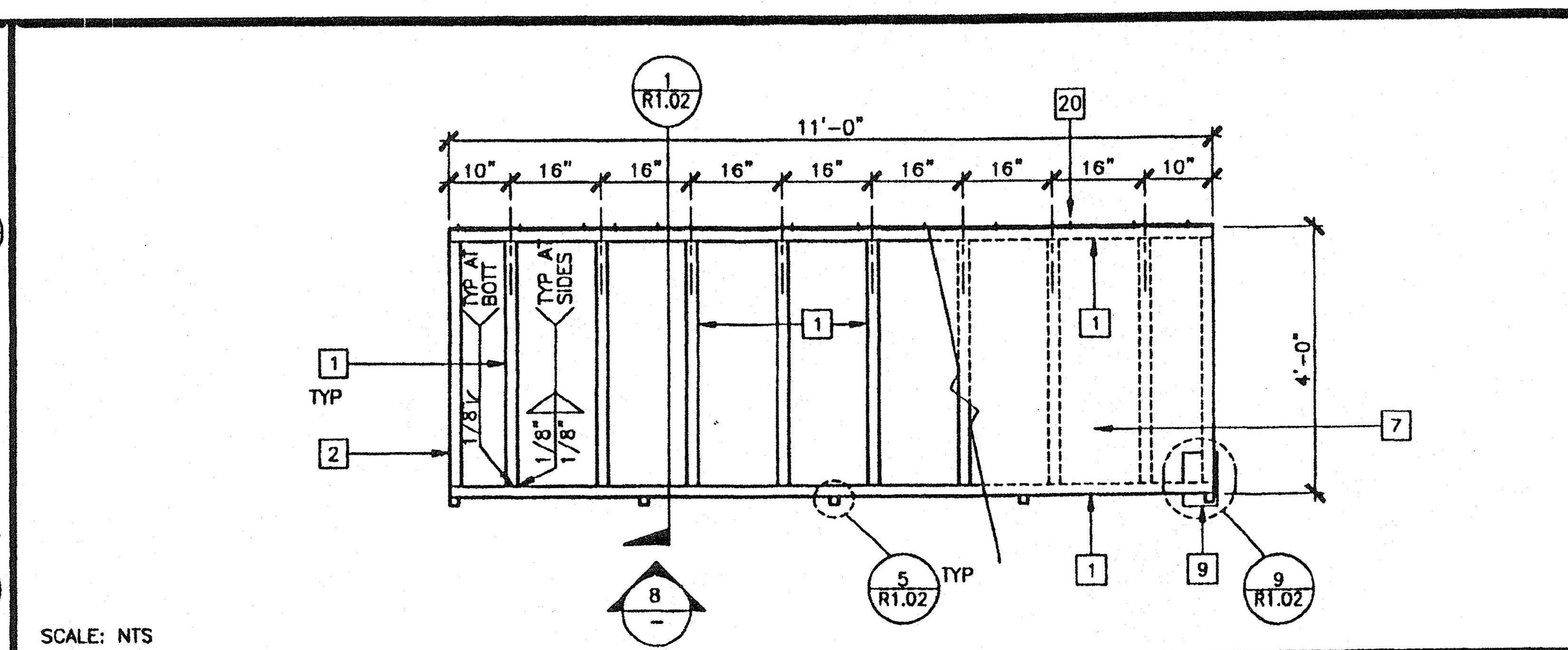
ELECTRICAL PLAN w/o DATA 24'x40'

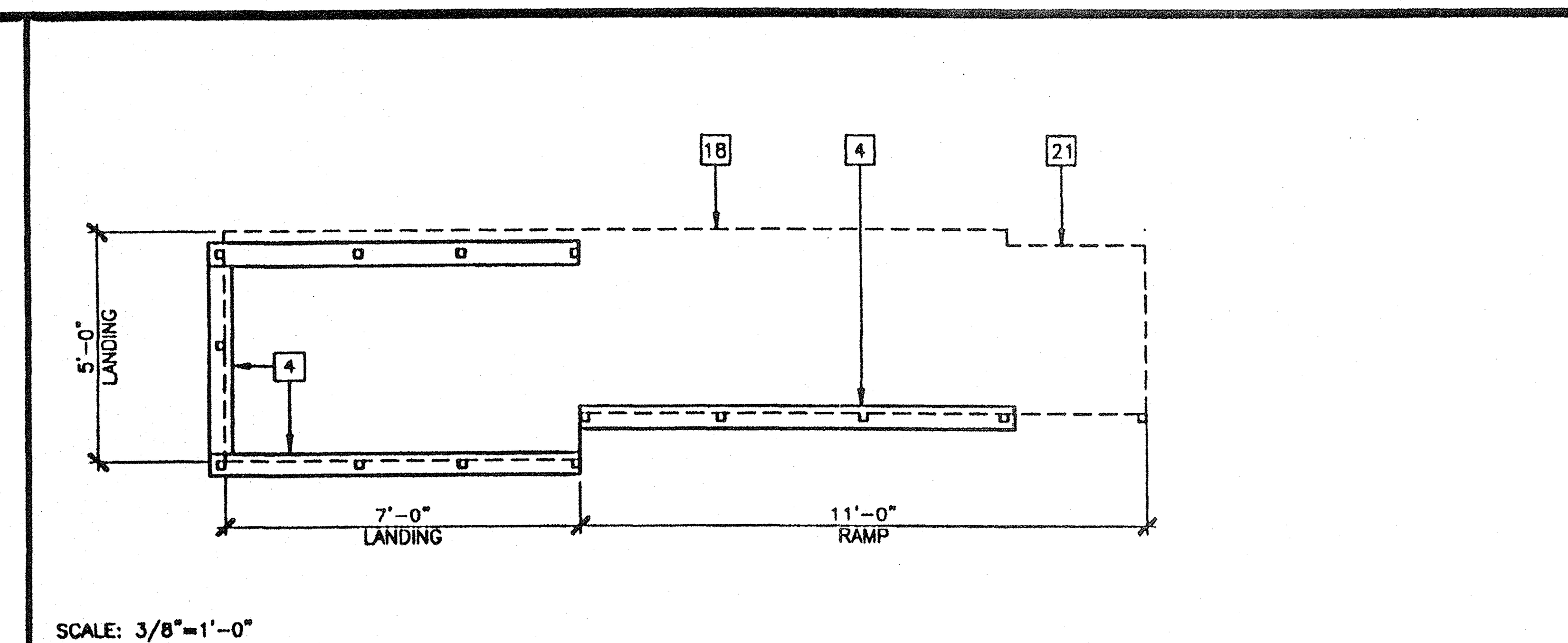
E1.0



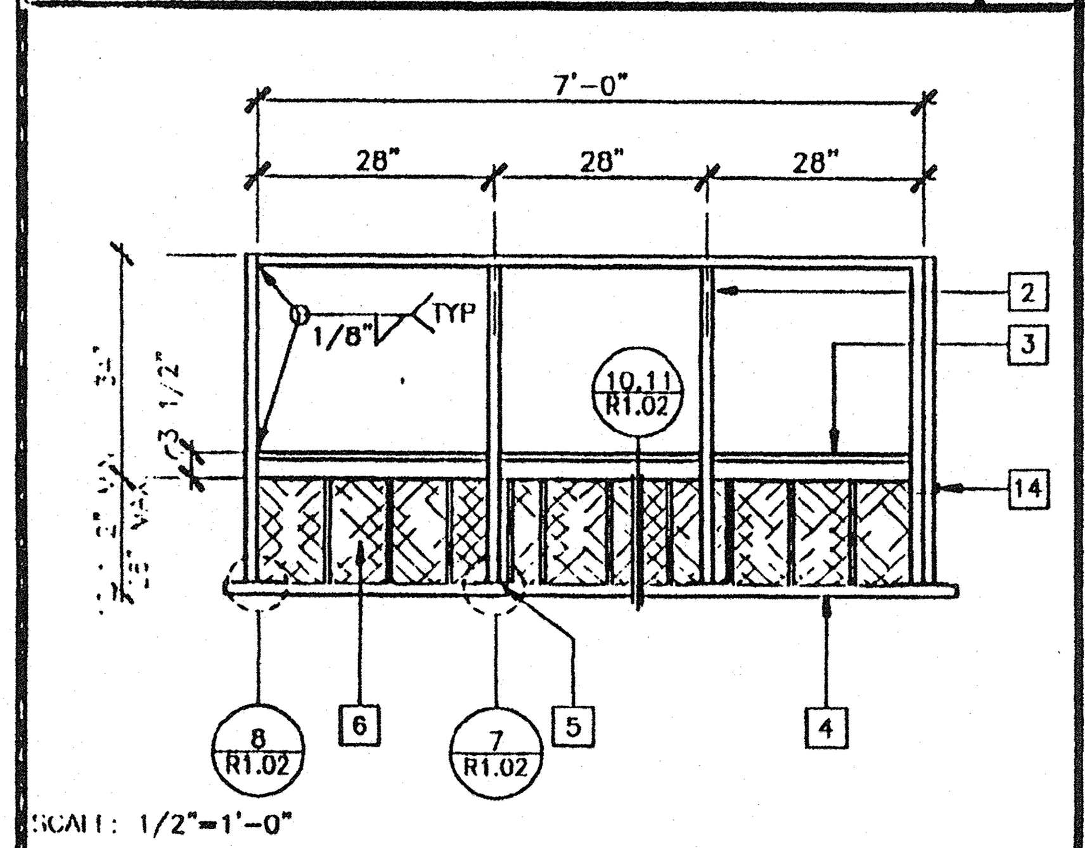
LANDING FRAME 12



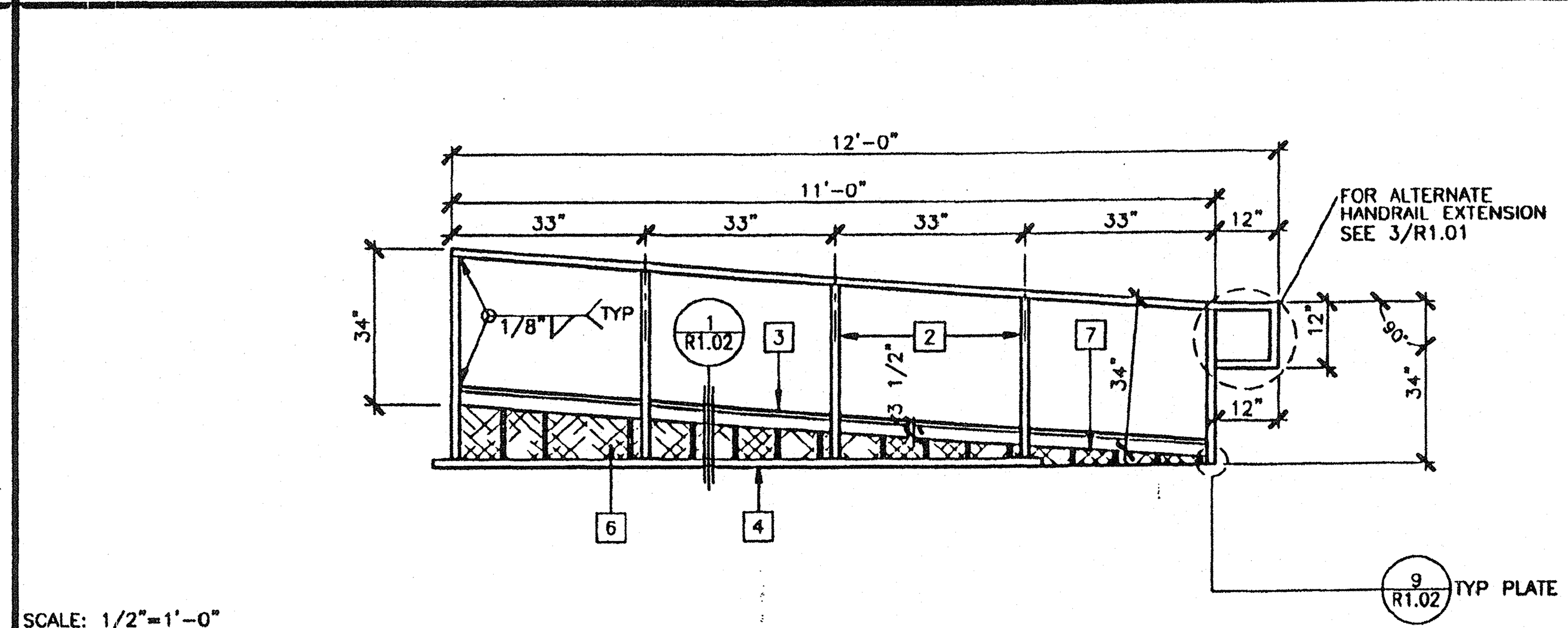
RAMP FRAME 7



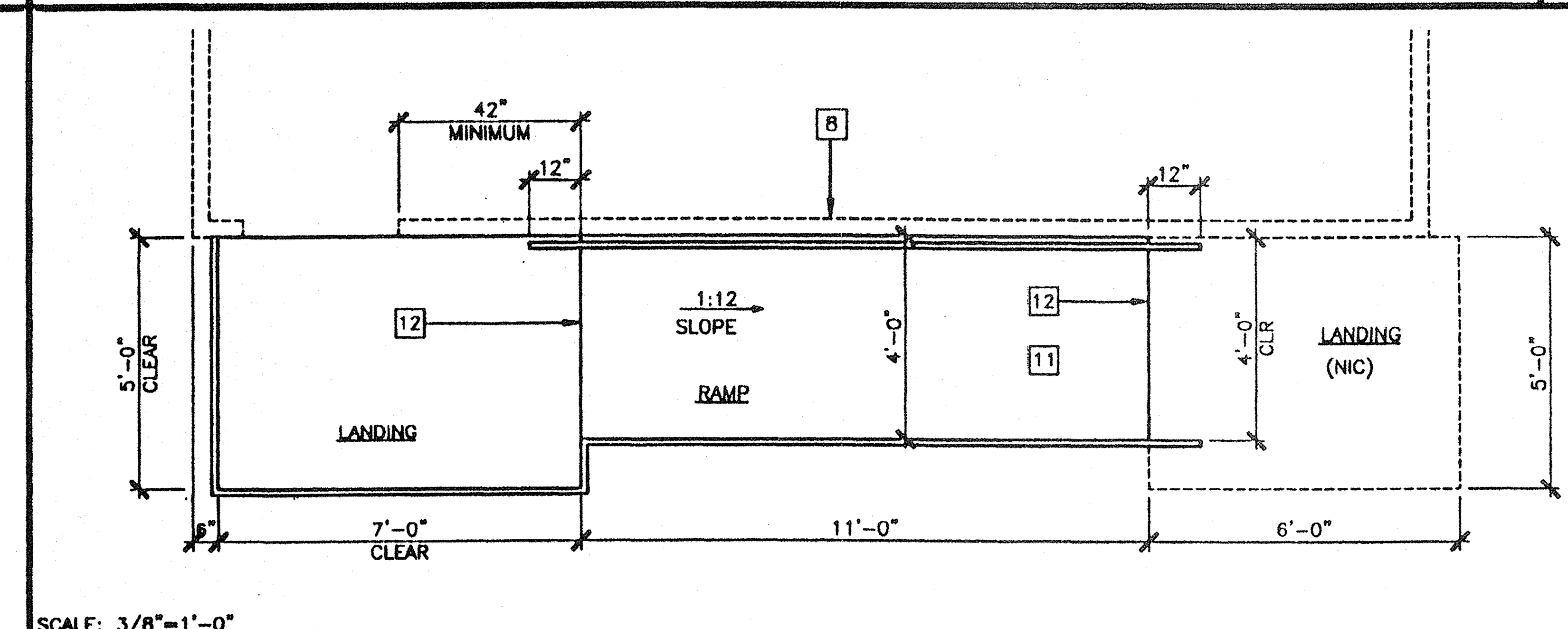
SILL PLAN FOR RAMP AND LANDING 1



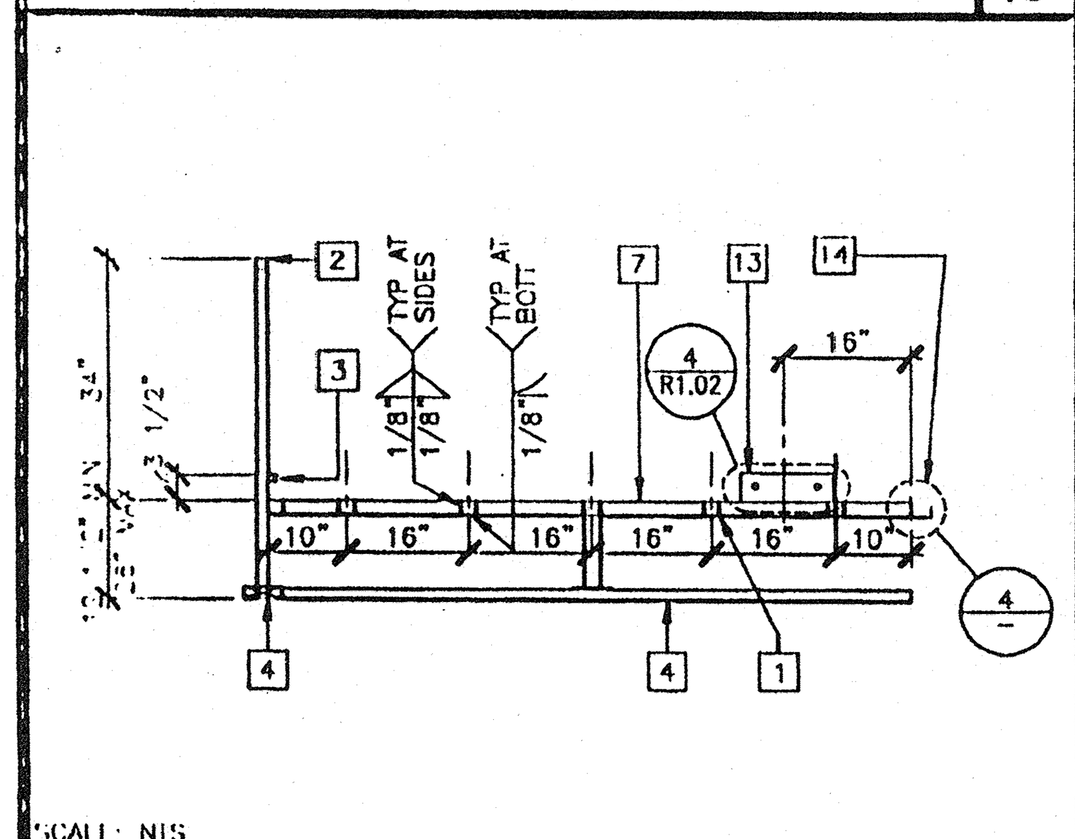
LANDING ELEVATION 13



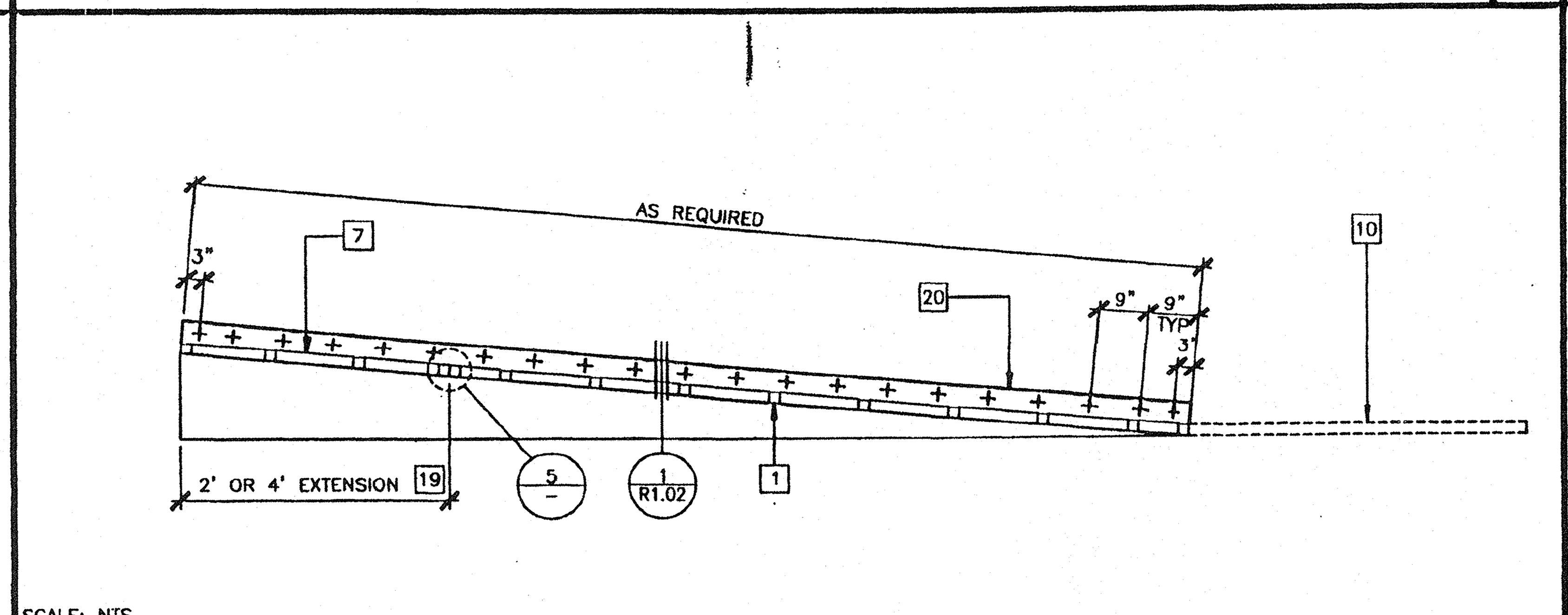
RAMP ELEVATION 8



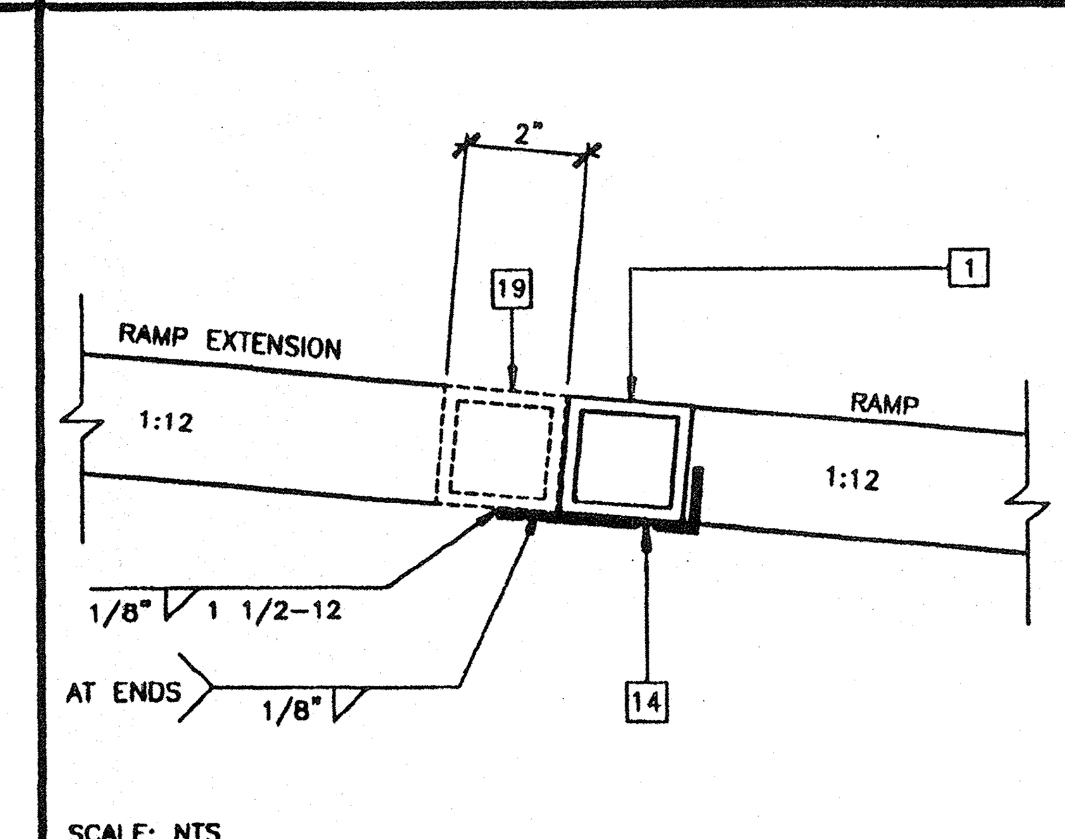
RAMP AND LANDING AT BUILDING 2



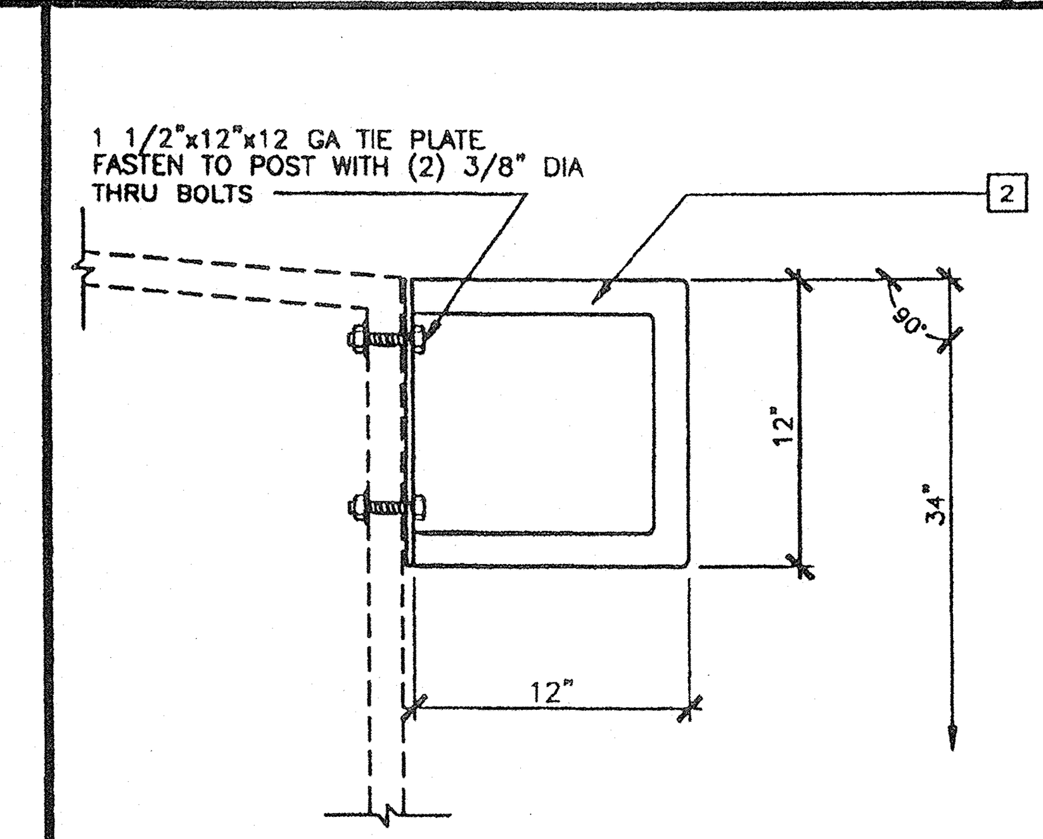
SECTION AT LANDING 14



LONGITUDINAL SECTION AT RAMP 9



RAMP EXTENSION TO RAMP 5



ALTERNATE GUARD RAIL EXTENSION 3

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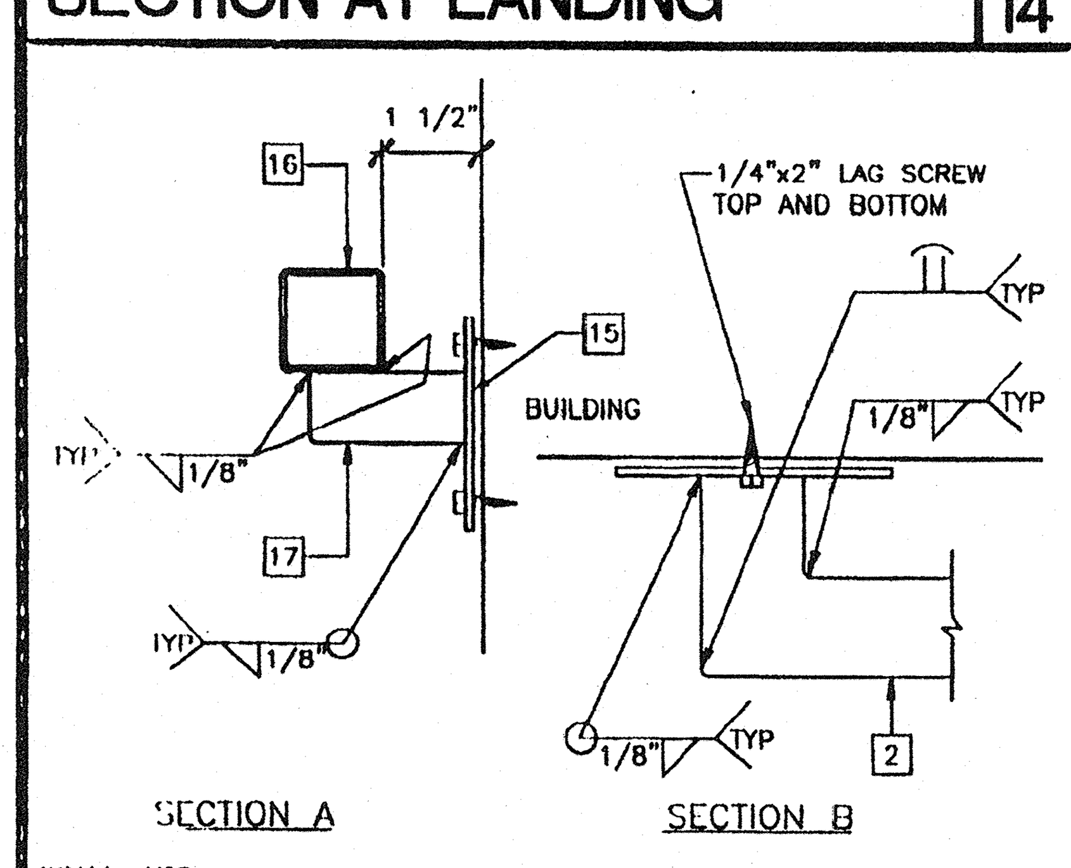
APP03 113000
AC FLS SS TB
7/24/14

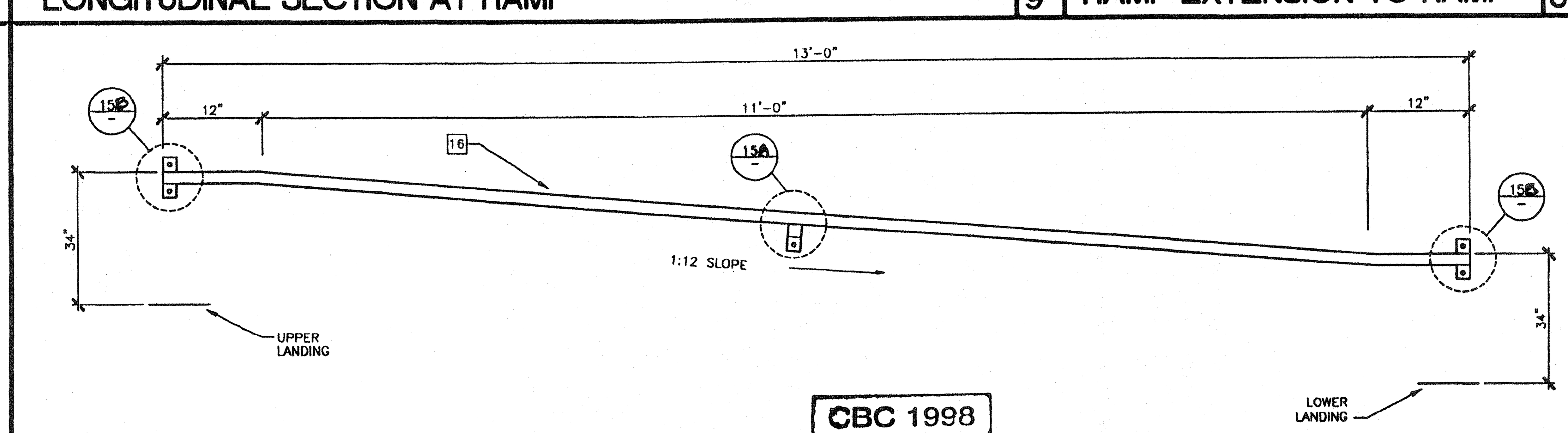
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 113000
AC FLS SS
DATE

KEY NOTES

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



HANDRAIL CONNECTION 15



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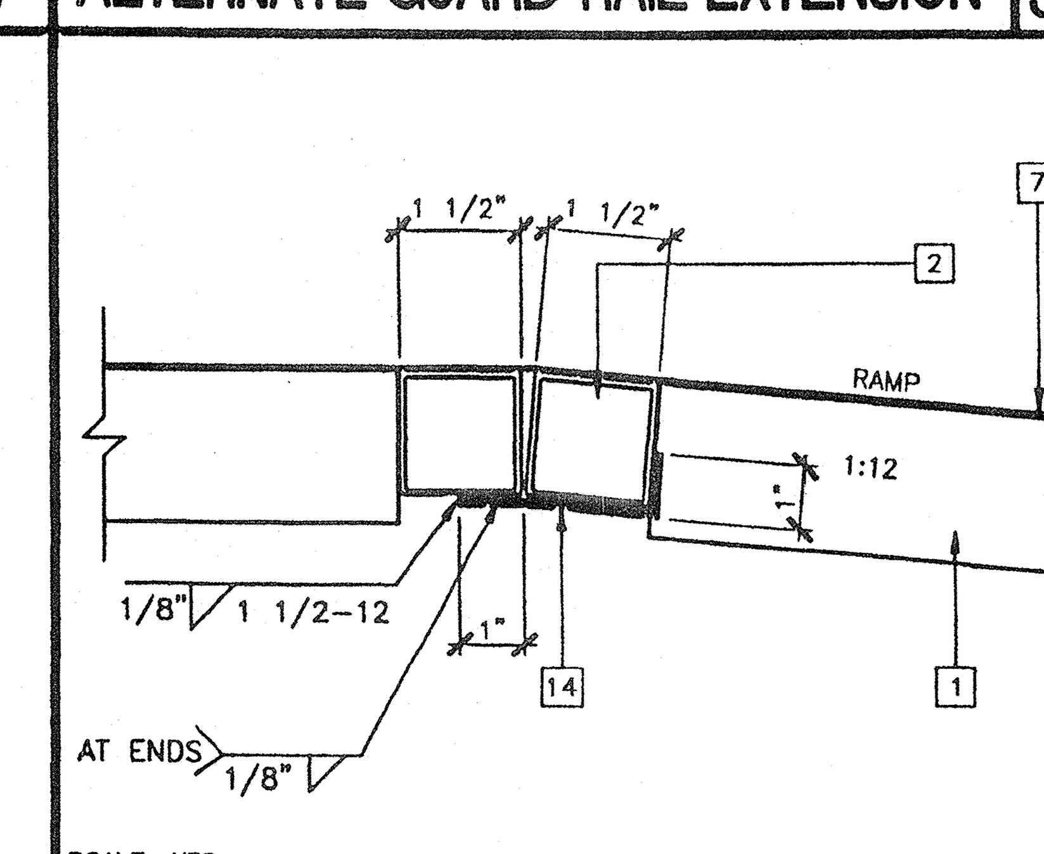
HANDRAIL ATTACHED TO BUILDING (OPTIONAL) 6



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	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal
1 2 3 4 5			LICENSED ARCHITECT, STATE OF CALIFORNIA	

PC

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OFFICE OF REGULATION SERVICES
PC-04
101419
AC
DATE OCT 25 1999

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

PROJECT NUMBER:

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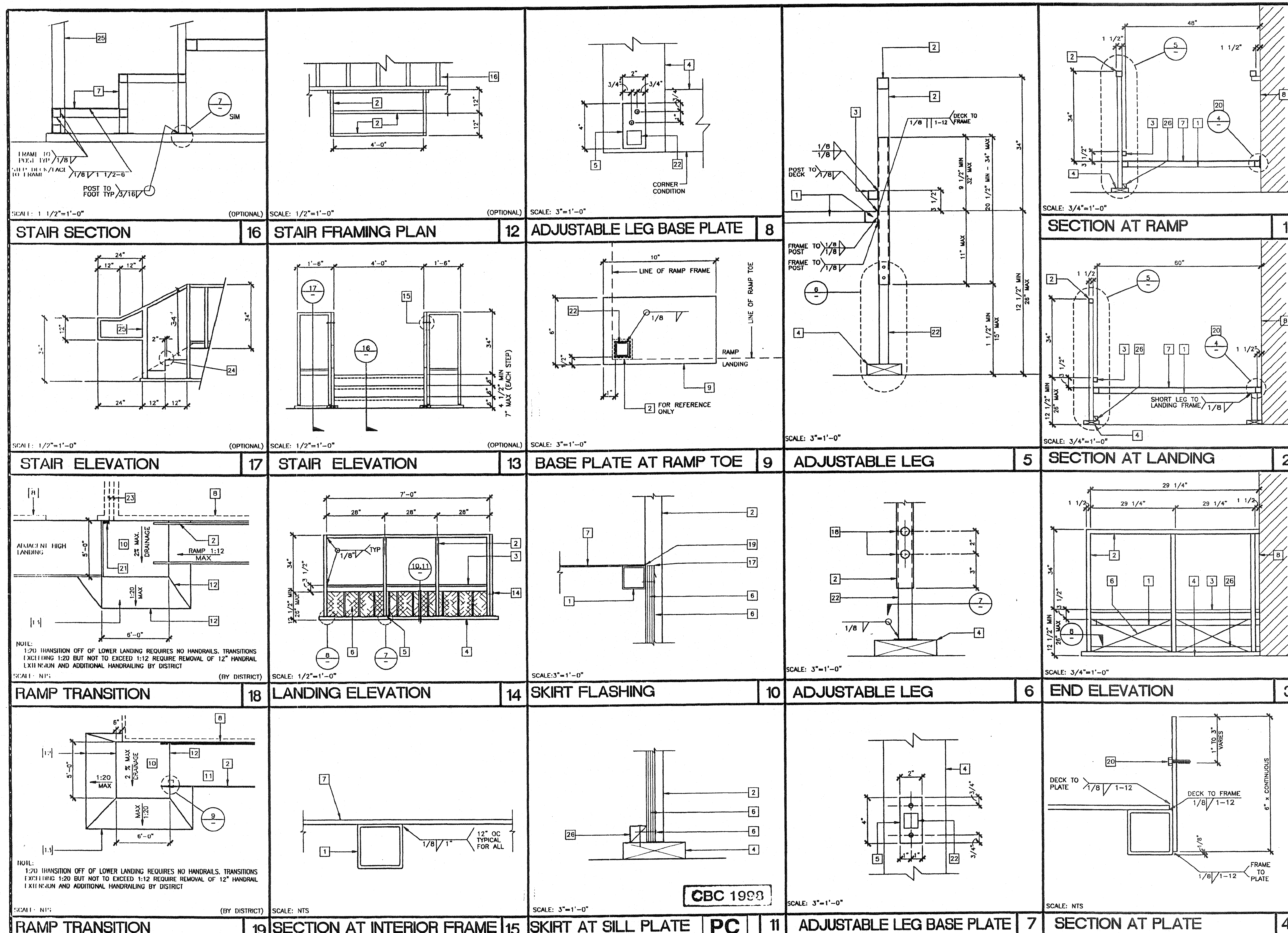
DATE: 10/22/99
MODTECH Index No.

RAMP/LANDING 11' RAMP

R1.00



KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI). ROUNDED OR BEVELED AT CORNERS.
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH 2-1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TS. USE #14x2" TEK SCREWS AT 6" OC
7. 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR 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 & WASHERS
19. CAULKING
20. 6"x10GA CONTINUOUS PLATE WITH #14x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO METAL AT 9" OC
21. PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
22. TS 1 1/4"x1 1/4"x14 GA (Fy = 39 KSI)
23. 4" MINIMUM BUILDING SEPARATION
24. 2" SLIP RESISTANT WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
25. TS 2 1/2"x1 1/2"x8 GA ASTM A500 GRADE A
26. 2"x2" NAILER WITH 16d AT 12" OC

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AC FLS SS
DATE MAR 0 9 2000

REVISIONS

Electrical Engineer's Seal	Mechanical Engineer's Seal	~~Structural Engineer's Seal~~	Architects Seal
		LICENSED ARCHITECT FRED VINCENT HALLOCK No. C-24528 RENEWAL DATE STATE OF CALIFORNIA	

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OFFICE OF REGULATION SERVICES
PC-04
101419
DATE OCT 2 5 1999

MODTECH INC.
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PROJECT NUMBER:

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DATE:
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MODTECH Index No.

RAMP/LANDING DETAILS

R1.02

PC-04-101419