

PROPOSED TEMP BANK TRAILER

F & M BANK
2340 GEER RD
TURLOCK, CA 95382

PROJECT CONSULTANTS		
SCOPE - CO.	CONTACT - ADDR.	PHONE #S
ARCHITECTURAL &		
MECHANICAL/PLUMBING: Nexus Engineering	CONTACT: Gary Levisnik 1400 Lone Palm Ave, Suite A Modesto, CA. 95351	Ph: (209) 512-7999 Cell: Fax: e-Mail: g.levisnik@nexusengineering.net
ELECTRICAL: HCS ENGINEERING	CONTACT: RICHARD SMITH 4512 FEATHER RIVER DR. STOCKTON, CA 95207	Ph: (209) 478-8270 Cell: (209) 827-7519 Fax: (209) 478-2169 e-Mail: richard@HCS-eng.com

VICINITY MAP



PROJECT DATA:

PROJECT OWNER F&M BANK
121 W. PINE ST.
LODI, CA 95240

TENANT..... F & M BANK
121 W. PINE ST.
LODI, CA 95240

PROJECT LOCATION 2340 GEER ROAD
TURLOCK, CA 95382

PROJECT DESCRIPTION TRAILER LAYOUT & LOCATION

OCCUPANCY..... M/B

CONSTRUCTION TYPE VB

OCCUPANT LOAD 4 OCCUPANTS

FIRE SPRINKLERS NO

AREAS:

EXISTING BUILDING 1,564 S.F.

SHEET INDEX:

MIKE SMITH ENGINEERING, INC.

CS.....COVER SHEET, SITE PLAN &
PROJECT DATA

CP.....TRAILER COVER PAGE

1.....FLOOR PLAN & ELEVATIONS

2.....REFLECTED CEILING PLAN
FLOOR JOIST KEY PLAN
WASTE & VENT SCHEMATIC
COLD & HOT SCHEMATIC
ELECTRICAL & PLUMBING SCHEDULES

3.....FLOOR JOIST KEY PLAN
CABINET AND COUNTER DETAIL

4.....FOOTING DESIGN & TIEDOWN SCHEDS.

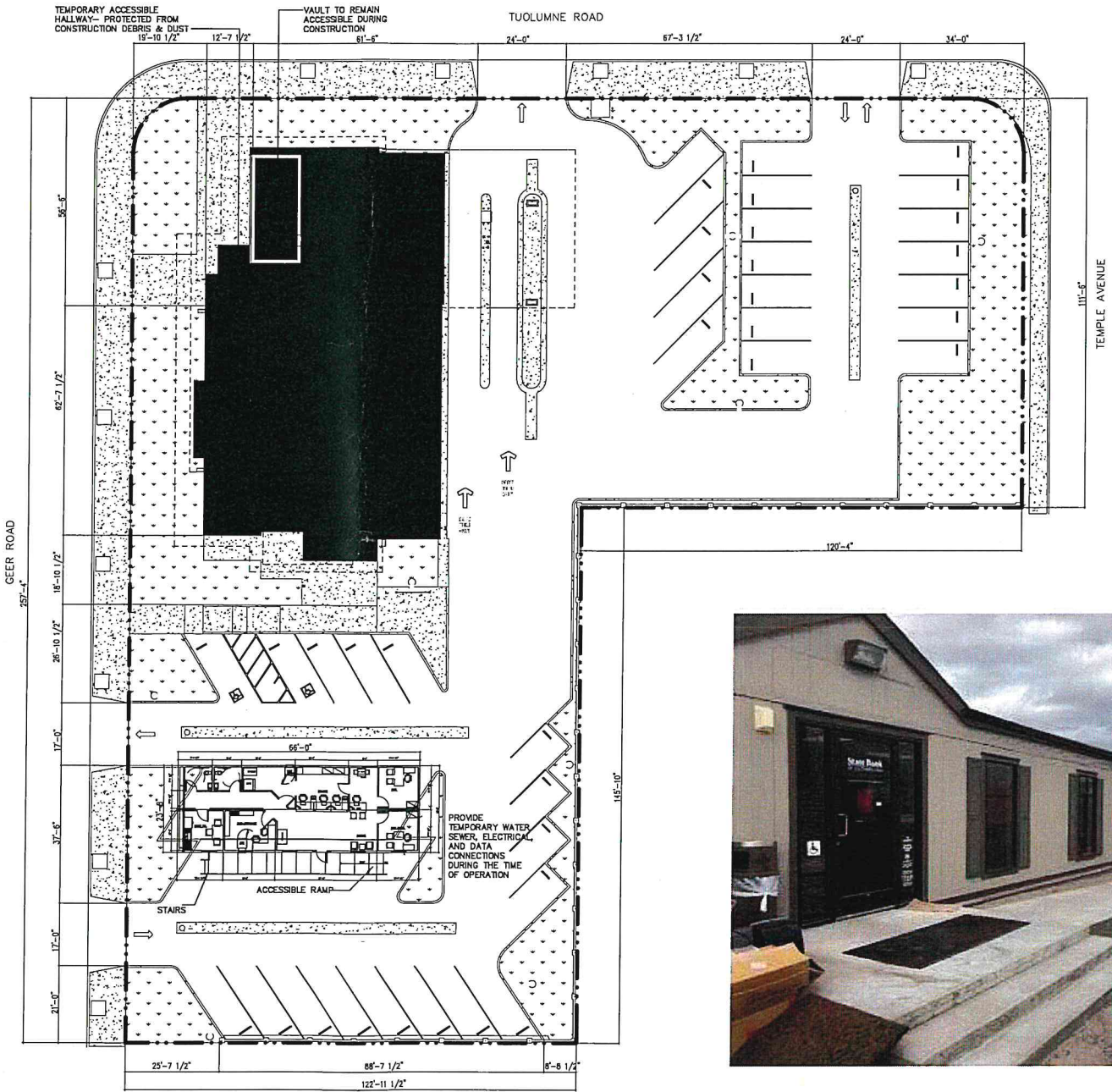
S-101.....FOUNDATION PLAN & SECTION

TID.....TEMPORARY POWER

CODE COMPLIANCE

ALL WORK PERFORMED SHALL BE IN ACCORDANCE TO THE LATEST EDITION OF APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO:

- 2016 CALIFORNIA BUILDING CODE, (CBC)
- 2016 CALIFORNIA RESIDENTIAL CODE, (CRC)
- 2016 CALIFORNIA ELECTRICAL CODE, (CEC)
- 2016 CALIFORNIA GREEN BUILDING CODE, (CGBC)
- 2016 CALIFORNIA MECHANICAL CODE, (CMC)
- 2016 CALIFORNIA PLUMBING CODE, (CPC)
- 2016 CALIFORNIA ENERGY CODE, (CEC)
- 2016 CALIFORNIA FIRE CODE, (CFC)
- 2016 CALIFORNIA HISTORICAL BUILDING CODE
- 2016 CALIFORNIA EXISTING BUILDING CODE
- 2016 CALIFORNIA REFERENCED STANDARDS CODE



SITE PLAN



REVISIONS	BY
1	

TITLE:
COVER SHEET
SITE PLAN

PROJECT:
PROPOSED TRAILER LOCATION
F&M BANK
PROJECT LOCATION:
2340 Geer Rd.
TURLOCK, CA. 95380

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CHECKED MS
DATE 02/15/19
SCALE AS NOTED
JOB NO.
SHEET CS
1 OF 4 SHEETS

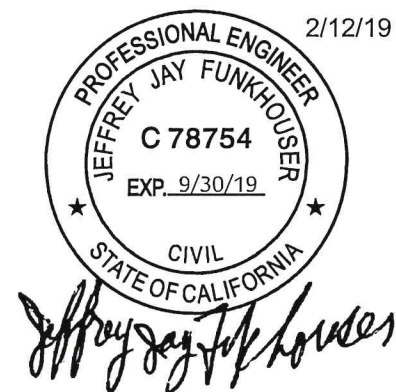
MODTECH

Manufacturing and Construction

NORTH AMERICAN BUILDINGS INC.

P.O. BOX 12306
WICHITA KA 67277
PH(316)821-9590 FAX(316)821-9597

SERIAL #:: 55213
JOB #: 6567
BUILDING SIZE: 24 X 66



SHEET INDEX

SHEET	CP	COVER	PAGE
SHEET 1		FLOOR PLAN STATE APPROVAL STAMP CUSTOMER SIGN-OFF SHIP LOOSE MATERIAL GENERAL NOTES FINISH NOTES DOOR SCHEDULE WINDOW SCHEDULE CONSTRUCTION NOTES EXTERIOR ELEVATIONS EXTERIOR PAINT SCHEDULE	
SHEET 2		REFLECTIVE CEILING PLAN ELECTRIC SCHEDULE ELECTRIC PANEL/S MECHANICAL PLAN HVAC SCHEDULE PLUMBING SCHEDULE PLUMBING ISOMETRIC	
SHEET 3		FLOOR JOIST KEY PLAN CABINET DETAILS	
SHEET 4		N/A	
SHEET 5		N/A	
SHEET 6		N/A	
SHEET 7		N/A	
SHEET 8		N/A	
SHEET 9		N/A	
SHEET 10		N/A	
SHEET WS		N/A	

MODTECH Manufacturing and Construction																																		
CALIFORNIA PROFESSIONAL ENGINEER C 78754 EXP. 9/30/19	KANSAS PROFESSIONAL ENGINEER K 00000 EXP. 12/31/19																																	
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DATE: 19/DEC/05 DRAWN BY: RICK/LOUIS SALES PERSON: RICK/LOUIS STATE: CA FACTORY: PERRIS JOB: 6567																																		
SHEET NO. CP 3 OF 3																																		

PROVIDE CONTINUOUS BLOCKING ACROSS END WALL @HEADER & SILL LINE. ADD CS-18" x 11"-10" OVERHEAD & SILL. NAIL w/8d 08" TO HEADER SILL & BLOCKING PROVIDE TYPE (1) SHEARWALL FULL WIDTH OF BUILDING & NAIL w/8d NAIL 04" E.M. & 12" F.N. USE DOUBLE HOLD-DOWNS w/2 STUDS PER HOLD-DOWNS @ EACH SHEAR PANEL.

PROVIDE MBI SEALS ON UNIT

FINISH SCHEDULE

	INTERIOR	REMARKS
FLOOR	1. .08D LINO (RESTROOMS ONLY) COLOR: 50057 2. 28 OZ. CARPET (REMAINDER OF BUILDING) COLOR: SAND PEPPLES	
BASE	1. 6" SELF COVE BASE (RESTROOMS ONLY) COLOR: COOL GRAY 2. 4" VINYL COVE BASE (REMAINDER OF BUILDING) COLOR: COOL GRAY	
WALLS	1. 1/2" TRIP OVER 1/2" M.H. GTP TO CEILING HEIGHT (RESTROOMS ONLY) COLOR: WHITE 2. 1/2" V.C.G. (REMAINDER OF BUILDING) COLOR: LIGHT GRAY	
TRIM	1. STANDARD FRP TRIM (RESTROOMS ONLY) COLOR: TO MATCH WALL COVERING 2. VINYL COVERED TRIM (REMAINDER OF BUILDING) COLOR: TO MATCH WALL COVERING	
CEILING	1. 2x4 SUSPENDED CEILING 8' - 10" AFF. (ROOM TO ROOM) 750B OF EQUAL COLOR: WHITE	PROVIDE SPACING TABS AND STAPLES AS PER CODE

DOOR SCHEDULE

SYM	SIZE	THK	DOOR	JAMB	HRD.FIN	QTY	ROUGH	REMARKS
			MAT'L	TYPE	GRP		OPENING	
1	3070	1 3/4"	---	SF	---	1	1	72" x 86 1/4"
2	3068	1 3/4"	24ga	HU	ALUM	2	2	37 1/2" x 81 1/4"
3	3068	1 3/4"	WOOD	SC	20ga	1 1/2"	3	37 1/2" x 81 1/4"
4	3068	1 3/4"	WOOD	SC	20ga	1 1/2"	4	37 1/2" x 81 1/4"
5	3068	1 3/4"	WOOD	SC	20ga	1 1/2"	5	37 1/2" x 81 1/4"
6	3068	1 3/4"	WOOD	SC	20ga	1 1/2"	3	37 1/2" x 81 1/4"

HARDWARE GROUP

- STD. HARDWARE BY DOOR MANUFACTURER TO INCLUDE: CRASH BAR, CLOSURE, DEADBOLT, PULL HANDLE.
- TELL. PASSAGE LV. TELL. SGL. CYL. DEAD BOLT, DRIP CAP, DOOR SWEEP, THRESHOLD, WEATHER STRIPPING, CLOSURE SC-95 (1) HINGE, (2) STD. HINGES.
- TELL. ENTRANCE/OFFICE LEVER GR2/LC2482CTL (3) STD. HINGES, WALL MNTD DOOR STOP.
- TELL. PRIVACY LEVER, (3) STD. HINGES, WALL MOUNTED DOOR STOP.
- BANK TOUCH W/ KEY ALARM LOCKSET (3) STD. HINGES, WALL MNTD DOOR STOP.

FINISH GROUP

- STOREFRONT DOOR: DOOR COLOR: BRONZE, GLASS: BRONZE, TEMPERED, SAFETY GLAZED.
- VINYL LAMINATE: INTERIOR COLOR: WHITE, EXTERIOR COLOR: WHITE, JAMB COLOR: BRONZE.
- DOOR GRADE: WOOD DOOR, LUMBER: OAK, JAMB COLOR: BRONZE.

WINDOW SCHEDULE

SYM	SIZE	WINDOW	FRAME	GLASS	QTY	ROUGH	REMARKS
		TYPE				OPENING	
1	3060	FIXED	BRONZE	DUAL GLAZE	8	36" x 72"	INTERNATIONAL (1900) SERIES
2	3060	FIXED	BRONZE	SINGLE GLAZE	2	36" x 72"	INTERNATIONAL (1900) SERIES (TEMPERED)
3							POINING CUSTOMER'S WINDOW OUT SHEETS

WINDOW HEADER HEIGHT

B1.1/4" AFF

MISCELLANEOUS

CONSTRUCTION NOTES

CHASSIS	FLOOR	EXTERIOR WALLS	INTERIOR WALLS
1. 1/2" TRIP OVER 1/2" M.H. GTP TO CEILING HEIGHT (RESTROOMS ONLY)	1. 28 OZ. CARPET (REMAINDER OF BUILDING)	1. 28 OZ. CARPET (REMAINDER OF BUILDING)	1. 28 OZ. CARPET (REMAINDER OF BUILDING)
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(EXTERIOR BUILDING) PAINT SCHEDULE (ICI PAINTS)

BODY/HOOD:	548 BEACHCOMBER
VERTICAL CORNER TRIM:	1108 PEPPER TREE
VERTICAL MODLINE TRIM:	TO MATCH BODY/HOOD
Z-BAR TRIM:	TO MATCH BODY/HOOD
EXTERIOR WINDOW/DOOR TRIM:	1108 PEPPER TREE
EXTERIOR WINDOW SHUTTERS:	N/A
TOP/BOTTOM HORIZ. TRIM:	PEPPER TREE
GUTTER/DOWNSPOUTS:	N/A
CAULKING:	FACTORY STANDARD

GENERAL NOTES -CALIFORNIA-

- B2 OCCUPANCY AND TYPE. V.N. CONSTRUCTION. THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS.
- THIS STRUCTURE IS NOT TO BE LOCATED LESS THAN 20 FEET FROM ACTUAL OR ASSUMED PROPERTY LINES.
- OCCUPANCY LOAD SHALL BE UNDER 15 MAXIMUM. WILL HAVE EXITS AS INDICATED.
- EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT USE OF KEY OR ANY SPECIAL KNOWLEDGE.
- LANDINGS AT EXIT DOWNWAYS SHALL COMPLY WITH 13306 (G) UBC 1991 EDITION.
- INSTALL A MECHANICALLY OPERATED VENTILATING SYSTEM PROVIDING A MINIMUM OF 15 CFM PER OCCUPANT WITH 5 CFM OF OUTSIDE AIR. ROOF COVERING SYSTEM SHALL BE PER CHAPTER 32 OF THE 1991 UBC.
- GLAZING SHALL COMPLY WITH CHAPTER 54 OF THE 1991 UBC.
- SYSTEM TO BE USED FOR PLUMBING: AS SHOWN.
- BUILDING IN ACCORDANCE WITH 1991 UBC, 1991 UMC, 1991 UPE, AND 1993 NEC.
- DESIGN LOADS: LIVE FLOOR 50 LBS/SQ. FT., LIVE ROOF 20 LBS/SQ. FT., WIND 22.8 LBS/SQ. FT., SEISMIC ZONE.
- SEPARATE TOILET FACILITIES TO BE PROVIDED FOR EACH SEX IN ADJACENT BUILDING(S) ON SAME PROPERTY IF ADEQUATE TOILET FACILITIES ARE NOT PROVIDED IN BUILDING.
- BUILDING IS FOR OFFICE/BANK USE.
- THIS PLAN MAY BE REVISED AND OR AMENDED.
- CALIFORNIA STATE STRUCTURAL PACKAGE APPROVAL # 3-20
- PROPOSED ADDRESS AND/OR LOCATION OF UNIT.

SHIP LOOSE MATERIAL

- ATTENTION: THE FOLLOWING ITEMS WILL NEED TO BE SITE INSTALLED BY OTHERS DUE TO:
- (M) MATERIAL CROSSING MATERIALS
 - (R) RESTRICTIONS
 - (C) CUSTOMER REQUEST
 - (T) TOILET
 - (P) TOILET PARTITION
 - (V) VENT
 - (W) WATER HEATER
 - (S) SINK
 - (D) DOOR
 - (L) LIGHT

LOCATION FOR STATE APPROVAL STAMP

APPROVED C.M.J. ENGINEERING INC. These plans have been approved according to the rules and regulations in the California Code of Regulations Title 25, Chapter 3, Subchapter 2. This approval does not authorize or approve any omissions or deviations from the plans shown.

DEC 23 2005 Plan Approval No. 9834 Expires MAR 2007

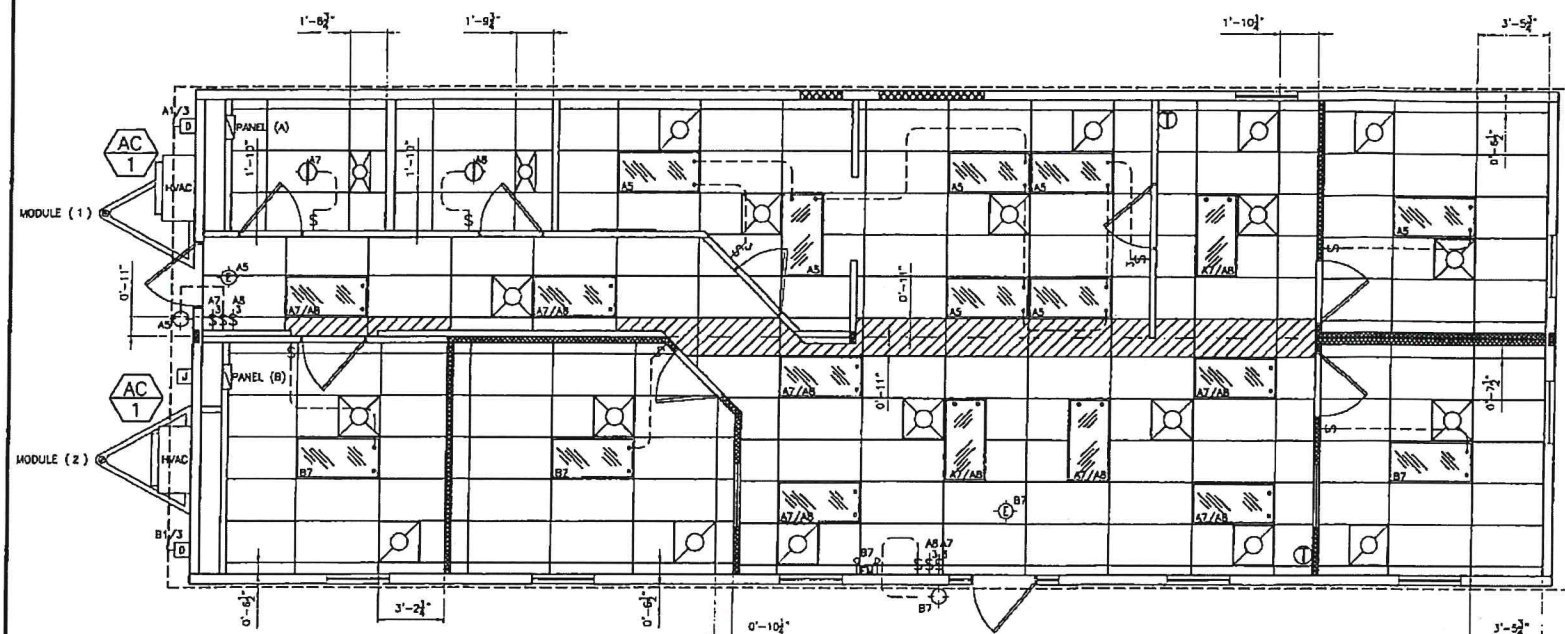
DATE: 19/DEC/05
DRAWN BY: FIL
SALES PERSON: RICK/LOUIS
STATE: CA
FACTORY: PERRIS
JOB #: 6567

SHEET NO. 1 OF 3

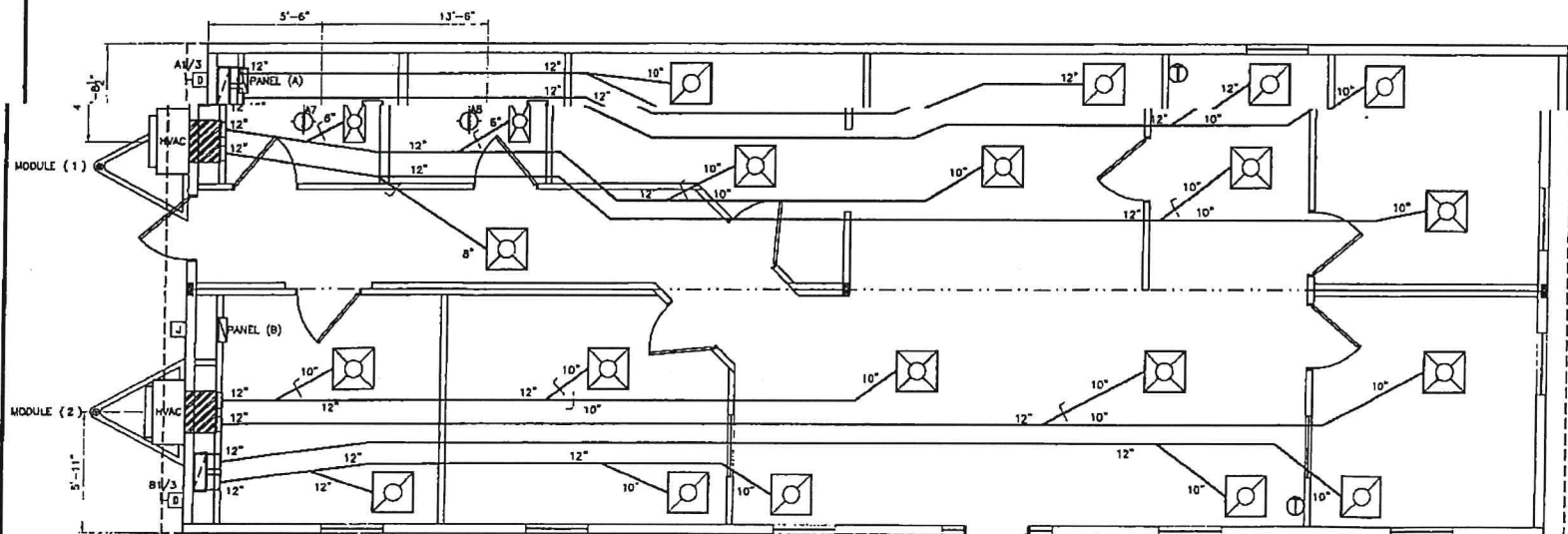
MODTECH
Manufacturing and Construction

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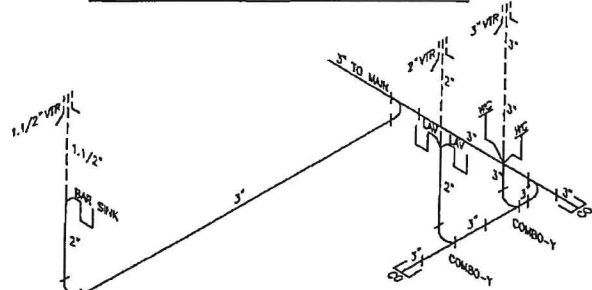
NOTE: T-GRID CEILING TO BE ROOM TO ROOM



REFLECTIVE CEILING PLAN



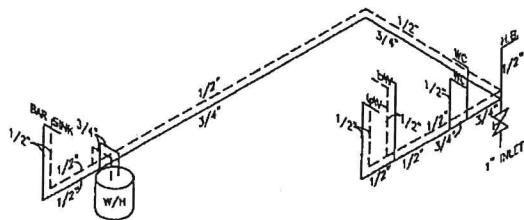
FLOOR JOIST KEY PLAN



WASTE & VENT SCHEMATIC

ALL PIPE TO BE ABS SCHEDULE 40
AND WILL SLOPE 1/4" PER FOOT

NOTE: WASTE MANIFOLD SUPPLIED AND
INSTALLED ON SITE BY OTHERS



COLD & HOT SCHEMATIC

SUPPLY: COPPER (TYPE M)

3.0 Ton* Air Conditioner, Bard Wallmount, WA37-A15XX4 15.0KW
(15 KW) 36,000 Nom Btu Cooling Capacity - 10.00 SEER
3.195 Nom Btu Heating Capacity
Dual Circuit: Circuit A MCA 57, MDDP 30, Min. Wire Size #6
Circuit B: MCA 26, MDDP 30, Min. Wire Size #10
1205 CFM @ 3 Esp. Unit Weight 355 lbs.
230 Volt, 60 Cycle, Single Phase
REQUIRES 90 AMP CIRCUIT

SUPPLY DIFFUSER-CEILING, MODULAR METAL FABRICATORS,
PDS2424 24 X 24, T-BAR, 4 WAY, PERFORATED FACE,
FIBERBOARD BACK, 10" COLLAR, U.N.O.

RETURN GRILLE-CEILING, MODULAR METAL FABRICATORS,
PDR2424 24 X 24, T-BAR, PERFORATED FACE,
FIBER BOARD BACK, 12" COLLAR, U.N.O.

SUPPLY DIFFUSER-CEILING, MODULAR METAL FABRICATORS,
PDS1224, 12 X 24, T-BAR, 4 WAY, PERFORATED FACE,
FIBERBOARD BACK, 6" COLLAR, U.N.O.

28'XB' SHORT SUPPLY PLENUM
W/2 EA. 12" COLLARS, 24 GA., BARE, RAW,
WRAPPED W/1/2" FOIL BACKED INSULATION.

MECHANICAL AND GRAVITY VENTILATION REQUIREMENTS SHALL COMPLY WITH STATE OF CALIFORNIA, DEPARTMENT OF HOUSING & COMMUNITY DEVELOPMENT, 1991 UBC, 5 CFM/PERSON INTAKE AND EXHAUST.

FLEXIBLE DUCT SHALL BE MODULAR METAL FABRICATORS SERIES
- EDMA 84.2 WITH INSULATION, A POLY JACKET, AND A WIRE
UNINSULATED NON-PERFORATED CORE THAT COMPLIES
WITH ASTM C-516, 1991, FLEXIBLE DUCTING SHALL BE
UL LISTED CLASS 1 AIR DUCT WITH A FLAME SPREAD
RATING NOT TO EXCEED 25, AND A SMOKE-DEVELOPED RATING NOT
TO EXCEED 50 IN ACCORDANCE WITH NFPA 90A & 90B.

ALL SUPPLY AND RETURN BRANCH FITTINGS SHALL HAVE
TAB LOCK SHEET METAL COLLARS WITH SCOOP AND
NO DAMPER ABOVE HARD LID CEILING

ALL HVAC EQUIPMENT LEAVES THE FACTORY WIRED FOR 208 VOLT OPERATION.
THE ACCEPTABLE OPERATING RANGE FOR THE 240 & 208 TAPS ARE:

<u>TAP</u>	<u>RANGE</u>
240	253-216
208	220-187

AIR FILTERS IN HVAC UNITS OR SYSTEMS ARE TO BE CHANGED EVERY 30 DAYS BY OTHERS ON SITE.

TEST AND BALANCE OF HVAC SYSTEM TO BE PROVIDED AND PERFORMED BY OTHERS ON SITE.

SET-UP AND TESTING OF ECONOMIZERS, AND
CLASSROOM VENTILATORS TO BE PROVIDED
AND PERFORMED BY OTHERS ON SITE.

PLUMBING SCHEDULE

SYMBOL	DESCRIPTION	QTY
	FLOOR MNT'D ELONGATED BOWL FOR THE HANDICAPPED w/STANDARD TANK (NO BRAND SPECIFIED)	2
	WALL HUNG LAVATORY w/28" SPACE UNDERNEATH RIM FOR HANDICAPPED w/STANDARD FAUCET". (NO BRAND SPECIFIED)	2
	15" x 15" BAR SINK w/GOOSENECK FAUCET (NO BRAND SPECIFIED).	1
	6 GAL ELECTRIC WATER HEATER. (110v) (NO BRAND SPECIFIED).	1
	ONE SET GRAB BARS, INCLUDES: (1) 36" LONG & (1) 48" LONG. MOUNTED @34" AFF.	2 SETS
	TOILET PAPER HOLDER (NO BRAND SPECIFIED).	2
	16" x 36" MIRROR @40" AFF. (NO BRAND SPECIFIED).	2
	LIQUID SOAP DISPENSER. (NO BRAND SPECIFIED).	2
	FROST PROOF HOSE BIBB	1

NOTE:

ELECTRICAL SCHEDULE

SYMBOL	DESCRIPTION	CLR	QTY	REMARKS
	DUPLEX RECEPTACLE w/COVER PLATE @16" AFF.LINO. (NO BRAND SPECIFIED)	IVORY	34	
	GROUND FAULT CIRCUIT INTERRUPT RCPT. w/COVER PLATE @42" AFF.UNO. (NO BRAND SPECIFIED)	WHITE	3	1/2" x 1/2" BRACK BODY ON SILEN : IVORY
	HARD WIRED SINGLE CANNED J-BOX FOR WATER HEATER w/COVER PLATE (NO BRAND SPECIFIED)	N/A	1	
	GFCI DUPLEX RCPT w/WEATHER PROOF J-BOX & COVER PLATE INSTALLED PER CODE. UNO.	N/A	2	
	DEDICATED DUPLEX RECEPTACLE w/COVER PLATE @16" AFF. UNO. (NO BRAND SPECIFIED)	IVORY	2	
	SINGLE POLE SWITCH w/COVER PLATE @46" AFF. UNO. (NO BRAND SPECIFIED)	IVORY	8	1/2" x 1/2" #1 INSTRUCTIONS ONLY COLOR : WHITE
	THREE-WAY SWITCH w/COVER PLATE @46" AFF.UNO.	IVORY	2	
	(2) 1-WIRE-MAX & SINGLE POLE SWITCH w/COVER PLATE @44" AFF. UNO. (NO BRAND SPECIFIED)	IVORY	2	
	PORCH LIGHTS @84" AFF.LINO.	N/A	2	
	100 CFM FAN/LIGHT COMBO (NO BRAND SPECIFIED)	N/A	2	
	THERMOSTAT @46" AFF.UNO.	N/A	2	
	BRAND: WHITE RODGERS 1F55W444	N/A	2	
	2x4 - 4 TUBE FLUORESCENT FIXTURE, RECESSED, DIFFUSED T-12 LAMPS (NO BRAND SPECIFIED)	N/A	19	
	125 AMP 1 PHASE 120/240 w/ 125 AMP LAMP 8047" TO 10" GFI PANEL INTERIOR FLUSH MOUNTED PANEL (NBS)	N/A	2	w/ CONDUIT BOTTOM TIED
	2x6 J-BOX w/(3/4") CONDUIT STUBBED TO CEILING CAVITY UNO w/COVER PLATE	IVORY	15	SEE PLAN FOR MOUNTING NEEDLES
	CEILING MOUNTED EXIT LIGHT w/(BATTERY BACK UP AND (RED) FACE LETTERS. UNO.	N/A	2	
	WALL MOUNT EMERGENCY LIGHT MNT'D @68" AFF w/BATTERY BACKUP. UNO.	N/A	1	
	EXTERIOR MOUNTED DISCONNECT MOUNTED @38" AFF. UNO. (NO BRAND SPECIFIED)	N/A	2	SEE ELECTRICAL PANELS FOR SIZES
	6x6x6 NEMA J-BOX SEMI-RECESSED MNT'D @16" A.F.F. w/3/4" CONDUIT STUBBED TO CEILING CAVITY UNO.	METAL	1	
	4x4 J-BOX @16" A.F.F. w/ 3/4" CONDUIT STUBBED TO CEILING CAVITY w/COVER PLATE U.N.O.	N/A	1	FOR FUTURE DATA
	4x4 J-BOX @48" AFF w/(3/4") CONDUIT STUBBED TO CEILING CAVITY w/COVER PLATE. UNO.	IVORY	1	

NOTE:

1. ALL MEASUREMENTS FOR DEVICES WHICH REQUIRE A HEIGHT ARE TO THE BOTTOM OF DEVICE UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR ELECTRICAL DEVICES TO BE WEATHERPROOF.
3. FIRE ALARM SYSTEM PROVIDED AND INSTALLED ON SITE BY OTHERS. (WHEN APPLICABLE).

125 AMP 120/240 1 PHASE
INTERIOR RECESSED PANEL w/ 125 amp MAIN BRKR

DESCRIPTION	CIR	BRK	WS	A	B	WS	BRK	CIR	DESCRIPTION	
TON HVAC UNIT 15KW	1	90	#	9545			#12	20	2	(8) RECEPT
	3	2	#	1440			#12	20	4	(8) RECEPT
(9) GEN LIGHTS (1)EXT JEXT	5	20	#12	1374			#12	20	6	(8) RECEPT
(9) GEN LIGHTS F.L.C.	7	20	#12	1164			#12	20	8	(9) GEN LIGHTS (1) F.L.C.
FACE	9	20	#12	1800					10	SPACE
FACE	11	20	#12	1800					12	SPACE

ELECTRICAL CALCULATIONS:

GENERAL LIGHTING:			
1150 sq/ft x 3.5 x 1.25	=		5,031.25
(1) HVAC UNIT	=		19,090w
(22) RECPTS.	=		3,950w
(2) DED. RECPTS	=		3,600w

$$27,781.25w \div 240v = 115.75$$

125 AMP 120/240 1 PHASE
INTERIOR RECESSED PANEL w/ 125 amp MAIN BRKR

DESCRIPTION	CIR	BK	WS	A	B	WS	BK	CIR	DESCRIPTION
TION HVAC UNIT 15KW	1	90	#4	2545 1086		#12	20	2	(5) RECEP
	3	2		APPROV		#12	20	2	E.I. ENGINEER MODIFIED
GAL W/H	5	20		THESE		#12	20	2	REVISIONS TO THE 2007
GEN LIGHTS (1) EXT.	7	20		IN THE		#12	20	2	FIVE 25, CHAPTER 1 - SUPPLEMENTARY
EXT. (1) ELM.	7	20		2. THE		#12	20	2	OR APPROVE ALTERNATIVE
	9							8	- JOEL
SPACE								DEC 23	2005 SPACE
SPACE								12	9834 SPACE
SPACE	11					Pan Approved		12	2007 SPACE

ELECTRICAL CALCULATIONS:

GENERAL LIGHTING:			
384	sq/ft x 3.5 x 1.25	=	1,680w
(1)	HVAC UNIT	=	18,090w
(17)	RECPITS.	=	3,060w
(1)	WATER HEATER	=	1,650w

$$25,480w \div 240y = 106.16$$

MODTECH
Manufacturing and Construction

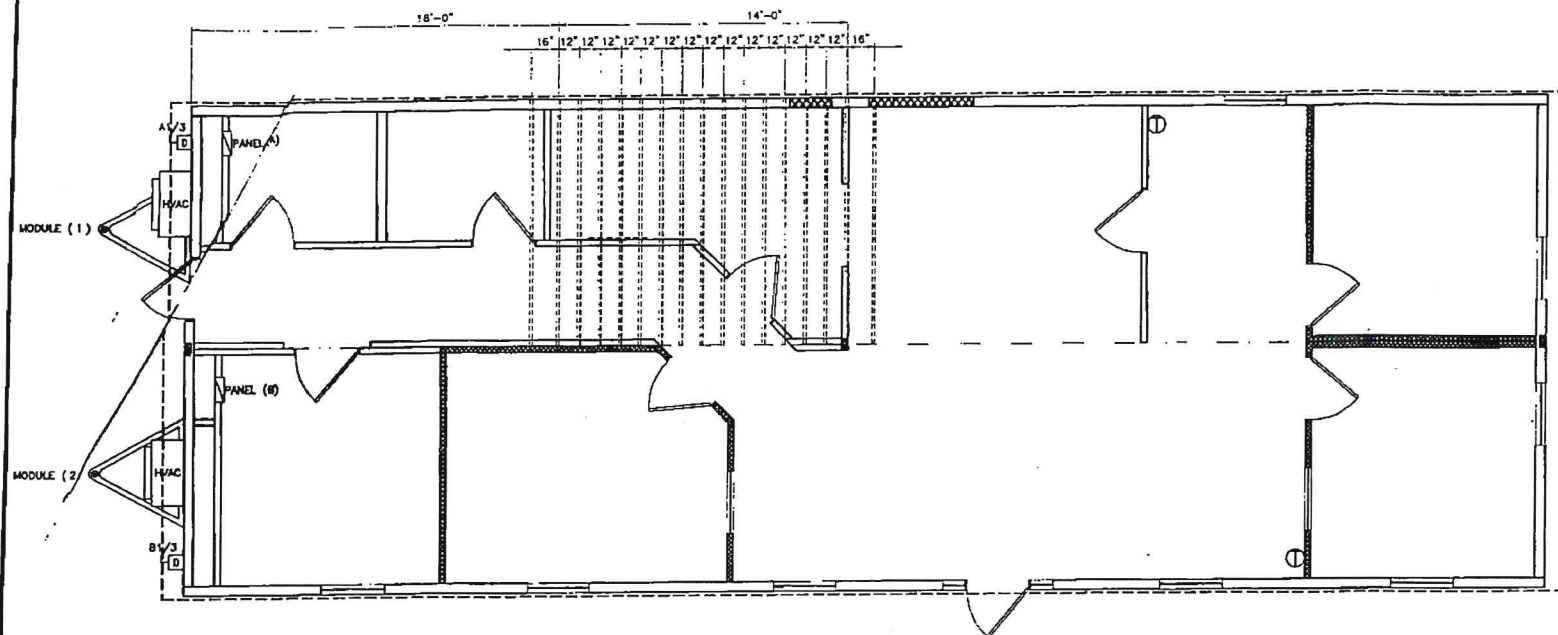
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NORTH AMERICAN BLDG'S

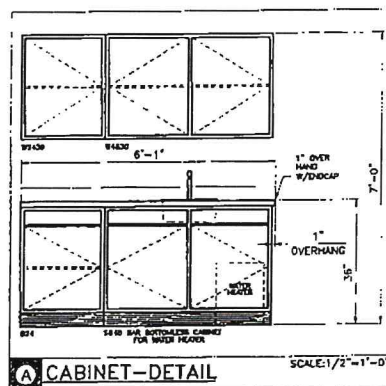
SERIAL #55213

DATE:	19/DEC/05
DRAWN BY:	FIL
SALES PERSON:	RICK/LOUIS
STATE:	CA
FACTORY	PERRIS
JOB #	6567

SHEET NO. 2 OF 3

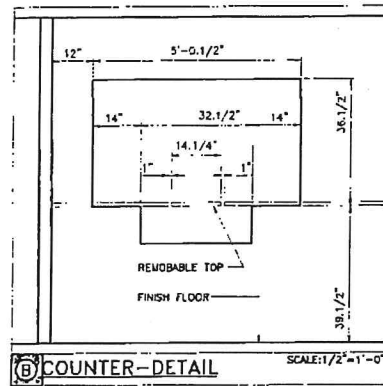


FLOOR JOIST KEY PLAN
FOR 12" O.C. FLOOR JOIST LOCATION



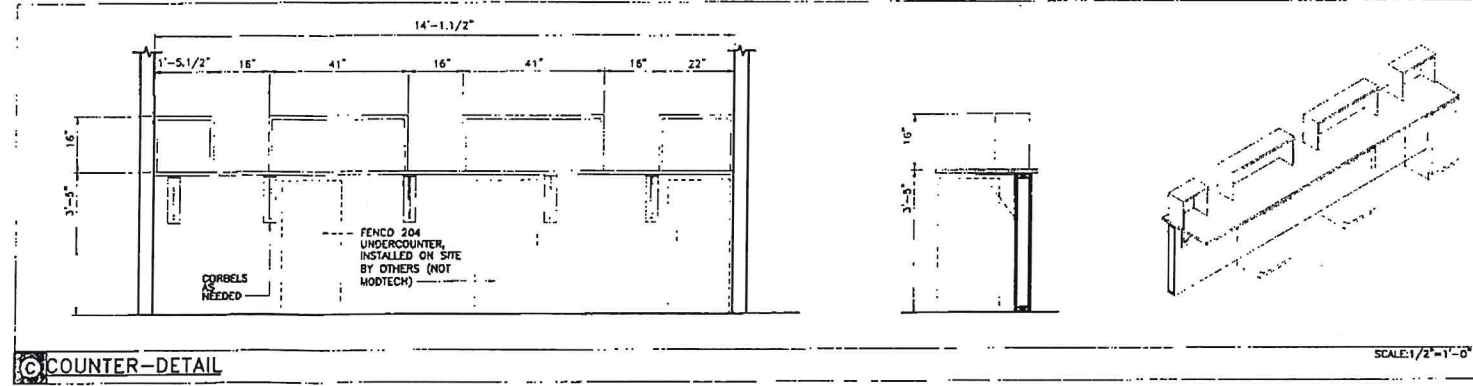
A CABINET-DETAIL

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



B COUNTER-DETAIL

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



C COUNTER-DETAIL

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

APPROVED C.M.J. ENGINEERING, INC.
These plans have been approved according to the requirements found
in the California Code of Regulations Title 25, Chapter 1, Subchapter
2. This approval does not authorize or approve any omissions or
deviations from state laws.

DEC 23 2005

Plan Approval No. **9834**

Expires **MAR 2007**

DATE: 19/DEC/05
DRAWN BY: FIL

SALES PERSON: RICK/LOUIS
STATE: CA
FACTORY: PERRIS
JOB # 6567

SHEET NO. **3**
OF 3

NORTH AMERICAN BLDG'S
P.O. BOX 13008
PH(310)211-6590 FAX(310)211-6597
SERIAL #55213

NO.	DATE	BY	DESCRIPTION
1			
2			
3			

MODTECH
Manufacturing and Construction

SALES PERSON: RICK/LOUIS
STATE: CA
FACTORY: PERRIS
JOB # 6567

DATE: 19/DEC/05
DRAWN BY: FIL
SALES PERSON: RICK/LOUIS
STATE: CA
FACTORY: PERRIS
JOB # 6567

SERIAL #55213 / QUOTE #2001-AB

NORTH AMERICAN BUILDINGS, INC.
WICHITA, KS

SUBJECT: FOOTING DESIGN AND
TIEDOWN SCHEDULE

ENGR: KEVIN M. FINN
815 WATERBURY PARK LANE
ELKHART, IN 46517

THIS CALCULATION REVIEWS THE SPACING OF PIERS ALONG THE MAIN RAIL AND THE ROOF, WALL AND FLOOR LOADS AND THE SOIL BEARING CAPACITY TO DETERMINE THE SIZE OF FOOTINGS. THE CONCENTRATED LOAD FROM THE PIER TO INCLUDE A PIER DEAD WEIGHT.

MAIN RAIL LOADING = $[(20 \text{ PSF ROOF} + 50 \text{ PSF FLOOR}) \times 0.75 + 30 \text{ PSF UNIT DEAD LOAD}] \times 11.67/2$
= 481.3875 PLF

x PIER SPACING OF 7 FT O.C.= 3369.713 LBS ACTUAL REACTION - MAIN RAIL
VS. SOIL BEARING CAPACITY = 2000 PSF X (12 x 24") = 4000 LBS

ROOF MATE LINE REACTION = $(20 \text{ PSF} + 10 \text{ PSF}) \times 11.83' \times (11.33' \text{ TRIBUTARY LENGTH})$
= 4021.017 LBS VS. 4000 LBS CAPACITY - OK

WIND / SEISMIC TIEDOWN - HORIZONTAL WIND FORCE TO FRAME : 126.324 PLF SEISMIC = 84.8 PLF (WIND CONTROLS)

FOR WIND LOAD ON THE LONGITUDINAL WALL - WIND UPLIFT < 30 PSF X 0.6; THEREFORE, USE DIAGONAL TIEDOWNS FOR HORIZONTAL RESIST.

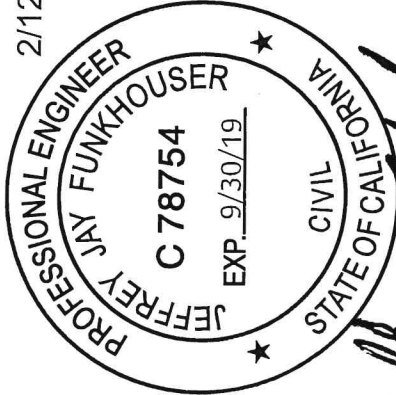
HORIZONTAL COMPONENT OF 3150 LBS RATED STRAP - ANCHOR - ANGLE 36.02 DEGREES
= 1852.295 LBS

SPACE ANGLE / STRAP = 14.66305 FT O.C.

FOR WIND LOAD ON ENDWALL - DIAGONALS RESIST WIND UPLIFT

100 % OF DEAD LOAD $(30 \text{ PSF} \times 0.6) \times 0.15 \text{ FRICTION FACTOR} \times 66 \text{ FT LENGTH}$
= 178.2 PLF > 151.5888 PLF

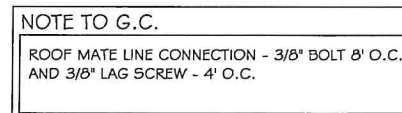
ANCHORS NOT REQUIRED ON ENDWALL



2/12/19

Jeffrey Jay Funkhouser

P:\PROJECTS\Lease Fleet\24x66\24x66 99.5 SC, Above Ground - Pier Pads - Jack Stands - Cross Drive Anchors.rvt



2/12/19

PROFESSIONAL ENGINEER
JEFFREY JAY FUNKHOUSER
C 78754
EXP. 9/30/19
CIVIL
STATE OF CALIFORNIA

Jeffrey Jay Funkhouser

NOTE TO G.C.

- ROOF TRUSS CONNECTION - SIMPSON H2.5 CLIP
- SOIL BEARING CAPACITY - 2000 PSF

2013 CA BUILDING CODE (2012 IBC)
WIND SPEED - 115 MPH VULT, EXP. C
SEISMIC DESIGN CATEGORY - D
FLOOR LIVE LOAD - 50 PSF
FOOR LIVE LOAD - 20 PSF
RISK CAT - II

REF: MODTECH MFG. & CONST.
JOB # 6567
SN: 55213

SHEET: FOUNDATION PLAN

BUILDING #283

TURLOCK, CA

SEAL

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REVISIONS

[illegible]

DATE: 01/23/19
☐ ISSUED ☒ PRELIMINARY

DRAWN BY: C. GLASS
DRAWN ON: 01/23/19
PROJECT#: 2466AG

S-101

