

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0004230
Insp Area: 1

Site Address: 890 57TH ST SAC
Parcel No: 008-0122-001

Sub-Type: NCOM
Housing (Y/N): N

CONTRACTOR
SEV CO
1337 TRADE CENTER DR
RANCHO CORDOVA, CA 95670

OWNER
PACIFIC YEARLY MEETING HOLDI
4140
SACRAMENTO CA 95825

ARCHITECT

Nature of Work: NEW CHURCH BLDG. MASONRY WALL & SITE DEVELOPMENT

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C)

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B & PC License Number 3-23-01 Date 3-22-01 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00).

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code). The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code). The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law

I am exempt under Sec _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 3-22-01 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____ Policy Number _____ Exp Date _____

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall comply with those provisions.

Date 3-22-01 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

CITY OF SACRAMENTO

APPLICATION FOR COMMERCIAL BUILDING PERMIT

DEVELOPMENT SERVICES DIVISION
 PERMIT SERVICES SECTION

1231 I Street, Rm. 200
 Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

ACTIVITY # 000A230 Insp. Area C

Applicant **MUST** complete ALL Unshaded areas

ADDRESS 890 57th Street, Sacramento Suite -

PARCEL # APN 008-0122-001-0000

<p align="center">CONTACT</p> <p>Name <u>Ron Fairman</u></p> <p>Address <u>5008 M Str, Sacto, CA 95819</u></p> <p>Phone <u>day: 845-6218</u> <u>evening: 454-5964</u> FAX <u>- 447-4695</u></p> <p>E-mail <u>ron-fairman@ftb.ca.gov</u></p>		<p align="center">LICENSED CONTRACTOR Lic No. #<u>659890</u></p> <p>Name <u>Pat Farragher, OakCrest Company</u></p> <p>Address _____</p> <p>Phone <u>383-2324</u> FAX <u>-</u></p> <p>E-mail <u>-</u></p>	
<p align="center">ARCHITECT/ENGINEER</p> <p>Name <u>Ron Vrilakas</u></p> <p>Address <u>1109 22nd St, Sacto, CA 95816</u></p> <p>Phone <u>441-4685</u> FAX <u>-</u></p> <p>E-mail <u>-</u></p>		<p align="center">OWNER</p> <p>Name <u>Sacramento Meeting of the Religious Society of Friends</u></p> <p>Address <u>P.O. Box 163677, Sacto, CA 95816</u></p> <p>Phone <u>386-8783</u> FAX <u>-</u></p> <p>E-mail <u>-</u></p>	

→ Will permittee have any employees on the jobsite? No Yes → INSURANCE CO: _____

→ WORKER'S COMPENSATION POLICY # _____ EXPIRATION DATE: _____

NATURE OF WORK IN DETAIL: New Bldg & masonry wall, site development

OCCUPANT/TENANT: Sacramento Friends VALUATION: \$ 191972.40

FLOOD STATUS: <u>Zone X BT</u>		S.C.A.T.								
JOB DESCRIPTION		<input checked="" type="checkbox"/> BLDG	<input type="checkbox"/> SHELL	<input type="checkbox"/> APT	<input type="checkbox"/> TI ()	<input type="checkbox"/> REM ()	<input type="checkbox"/> SW	<input type="checkbox"/> FIRE	<input type="checkbox"/> ADD	<input type="checkbox"/> OTH
INSPECTION DISCIPLINES		<input checked="" type="checkbox"/> BLDG	<input checked="" type="checkbox"/> MECH	<input checked="" type="checkbox"/> PLUMB	<input checked="" type="checkbox"/> ELEC	<input checked="" type="checkbox"/> SITE	<input checked="" type="checkbox"/> FIRE			
# Stories	1st firArea	Total Area	Use Zone	Occp Group	Const type	Fire Req. <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	Fed Code	Vio. File		
		<u>1822</u>		<u>A3</u>	<u>V-N</u>	SPR	ALARM	<u>09</u>	[H]	[Quad]
<input checked="" type="checkbox"/> B	<input checked="" type="checkbox"/> L	<input checked="" type="checkbox"/> P	<input checked="" type="checkbox"/> M	<input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> R	<input checked="" type="checkbox"/> S	<input checked="" type="checkbox"/> D	<input checked="" type="checkbox"/> RW	<input checked="" type="checkbox"/> UTIL	

COMMENTS: _____

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No

WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? Provided Faxed

0064230

Date of Request: _____

By: _____

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST

X Project Address: 890 57th Street, Sacramento

Assessor's Parcel Number: 008-0122-001

Previous Use: Vacant

Description of Request/Proposed Use: New Church

Is This a Change of Use? _____

Prior Applications for Project Site(P#, Z#, DRPB#): P99-007 Zoning Designation: C-4

Comments: Subj. to conditions of P99-007

Are There Any Planning Issues?: (circle one) YES NO

- * Staff Site Plan Check Required? (Circle one) YES NO
- * Field Inspection Required? (Circle one) YES NO
- * Design Review/Preservation Required?: (Circle one) YES NO

Planning Review by/Date: W. J. Bourne 4/20/00

A list of items that must be reviewed by Planning is provided on the reverse side of this form.

MICROFILM AFTER FINAL

City of Sacramento
Water and Sewer Service Quotation
 FY 99/00

Date: 09/05/00	Time:	Planning No.: P99-007	Plan Check No.: 0004230
Address: 890 57th Street		Parcel No.: 008-0122-001	
Description: New Church Building			
Subdivision Map: J Street SUB (484)		Water Page No.: 16	
Estimate By: Dilley/JEE		Engineering Firm: Wong & Associates	
Project Engineer: Tim Wong		Phone No.: 737-3369	
Fax No.: 462-8324			
Sewer Jurisdiction: <input type="checkbox"/> County <input checked="" type="checkbox"/> City			
Comment No.1 1-1" meter only (existing 1" service) Comment No.2 No development fees required due to existing services Comment No.3 Comment No.4 Comment No.5 Comment No.6			
TOTAL WATER DEV. FEES: \$0		7 hrs x \$75 per hour = \$525	
TOTAL SEWER DEV. FEES: \$0		or \$300.00 (whichever is greater)	
		Total on-site grading and drainage review fee: \$525	

*ENTRUSTED
 10-12-00*

Water Service Quotations

Main Size	Serv. Size			St. Tap	Esmt. Tap	Description	No. of Tap	No. of Meter	Tap Fee/ea.	Meter Fee/ea.	Total Tap cost	Development Fees
	D	I	F									
8"	X					1" Meter only		1		\$340	\$340	
											\$0	
											\$0	
											\$0	
											\$0	
											\$0	
4" TAP AND 3" METER												
											n/a	
											n/a	
ABANDONMENT												
	Abandon			in.								
	Abandon			in.								
CREDIT												
	Credit for			in.				1				
	Credit for			in.				1				
								0		Fire Hydrant		
Total for Water											\$340	\$0

Sewer Service Quotations

Main Size	Service Size	Description	QTY	Full St W (FT)	No. OF MH	Total Tap cost	Development Fees
		Development Fee Only				\$0	
		Easement Tap + MH + Dev. Fee				\$0	
		Street Tap + MH + Dev. Fee				\$0	
		Credit					\$0
Total for Sewer						\$0	\$0

Note: Total cost = Qty. x Street/2 x Tap Fee + MH Fee, MH Fee is \$1200.00

Sewer Tap Construction Charge: \$0
 Water Main Construction Charge: \$340
Total For Address: \$340

Certification of Compliance

School District Development

Part I - To be completed by the APPLICANT

Owner's Name/Address Sacramento Meeting of the Religious Society of Friends
P.O. Box 163677 Sacramento, CA 95816

Project Address 890 57th Street, Sacramento

Parcel Number APN 008-0122-001-0000 Lot No. _____

Subdivision Name _____ No. of Units _____

Applicant's Signature Mathew R Newman Title clerk, Building Committee
Sac. Meeting of the Religious Society of Friends

Phone No. (916) 362-7566 Date October 17, 2000

Notice to Applicant: Pursuant to Government Code Section 66020(d), this will serve to notify you that the 90-day approval period in which you may protest the fees or other payment identified above will begin to run on the date in which the building or installation permit for this project is issued or on which they are paid to the district(s) or to another public entity authorized to collect them on behalf of the district(s), whichever is earlier.

Part II - To be completed by the BUILDING DEPARTMENT

Plan Identification Number 00000000

Building Type (check one) Residential Apartment/Condominium Commercial/Industrial

Square Feet of Chargeable Building Area 1,000

Signature/Title David M. [unclear] Date 10/16/00

Part III - To be completed by the SCHOOL DISTRICT

School District 4712000 Certificate No. 16900


Exempt Comments RELIGIOUS FACILITY - SD CODE SECTION 43022

Residential/Apartment/etc.	_____	Square ft. x \$ _____	= \$ _____
Commercial/Industrial	<u>1211</u>	Square ft. x \$ <u>0</u>	= \$ <u>0</u>
Total fees collected.....	<u>10-17-00ATE104 3098</u>		= \$ <u>EXEMPT</u>

This certification covers only the amount of square footage indicated above. Any additions or corrections to the square footage for this project will require an amendment to the Certificate of Compliance.

As the authorized school official, I hereby certify that the requirements of Government Code Section 65995 and any other authorized requirements have been complied with by the above signed applicant.

Signature _____ Date 10/17/00



May 1, 2000

Receiving Fax: 264-7046
Sending Fax: 875-6253

To: **BRIAN KRINKE**
City of Sacramento

From: **ROBERT ARMSTRONG**
Sacramento Regional County Sanitation District

Phone Number: 875-6756

Re: **SEWER FACILITY IMPACT FEES**
890 57th St.

APN # 008-0122-001

Plus Check # 00042306

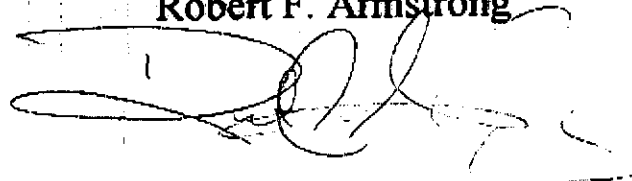
The Sewer Facility Impact Fees due for a 1,822sq.ft. "Meeting House" on the above-mentioned .24+N. parcel are as follows.

APN # 008-0122-001 = .24+N. x 5.5 ESD's = 1.32 ESD's

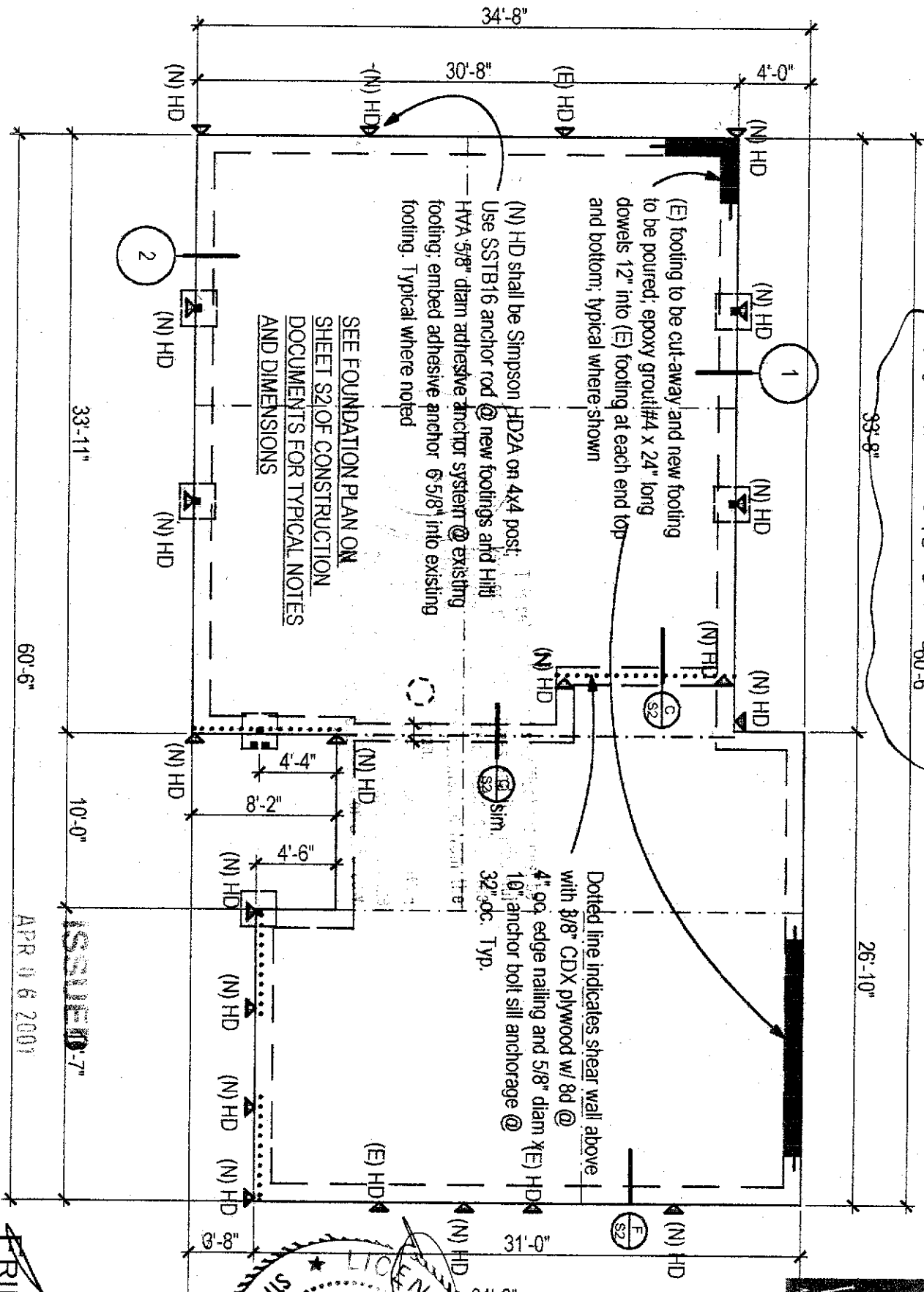
1.32 x \$2,404 = \$3,173 SRCSD

Please address any questions or concerns regarding this fee to Water Quality Engineering, Customer Service Section @ 875-6756.

Thank you,
Robert F. Armstrong



Permit No. 0004230 C
 Address: 890 57th St
 60'-6"



FOUNDATION PLAN

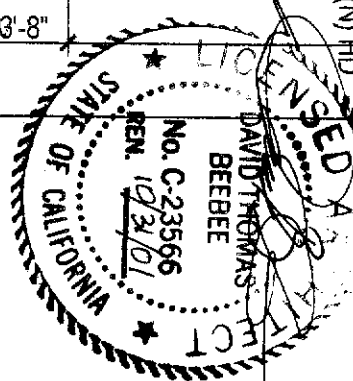
1/8" = 1'-0"

Sacramento Building Division

APR 06 2001

MEETINGHOUSE

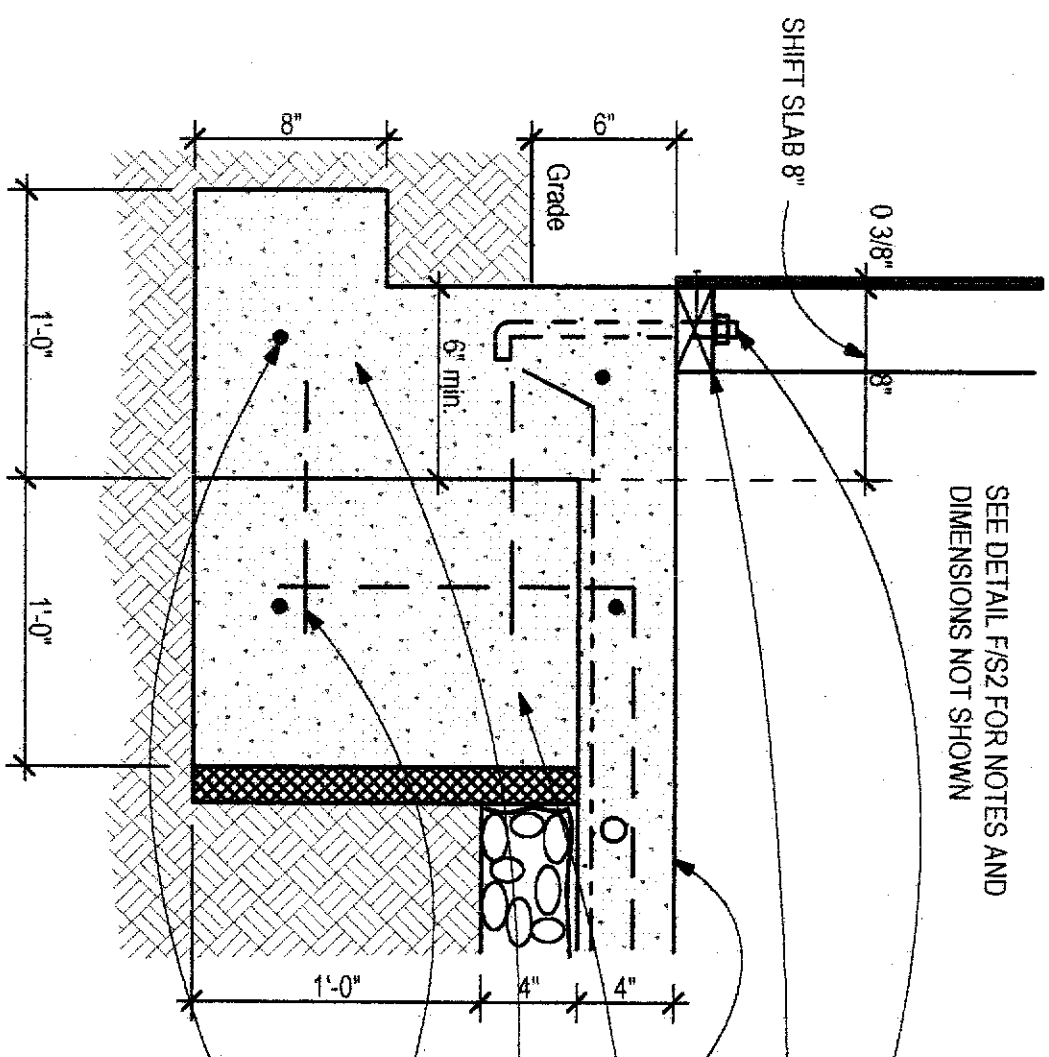
John Tang
 FRIENDS



916.441.4685



SEE DETAIL F/S2 FOR NOTES AND DIMENSIONS NOT SHOWN



5/8" dia x 10" w/ 7" Min. Emb.
 anchor bolt, tp. u.n.o.
 2"x2"x3/16" washer min.

Pressure treated
 bottom plate

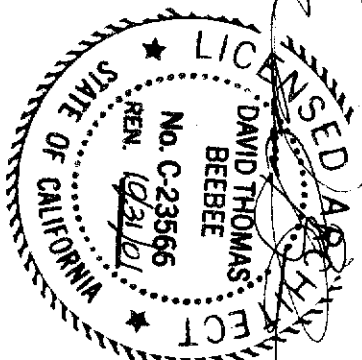
Concrete slab

Existing footing to remain

New concrete footing

Epoxy grout #4 dowels
 6" into existing footing;
 Use 12" long dowels; Typ.
 top and bottom @ 4'-0" oc.

#4 rebar continuous
 top & bottom



Perimeter Footing

Scale 1 1/2" = 1'-0"

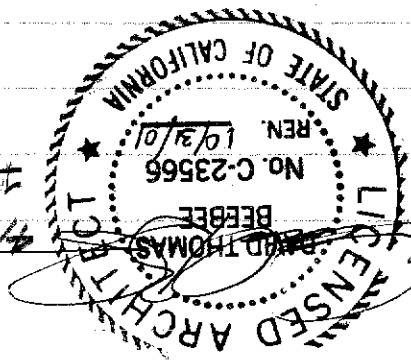
2

File A-21

FRIENDS MEETINGHOUSE

REVISION TO FOUNDATION PLAN

BY DAVID BEEBEE ARCHITECT



4/2/01
1 of 5

CHECK SHEAR WALLS

LINE ③ CENTRAL LOAD (CUT B" OFF 11' STEAR WALL)

$V = 5.03k$

$V_{wall} = 5.03 / (10.33 + 8.5) = 0.267 k$

USE ③ 1-SIDE

CENTRAL HOLDOWN

LINE ③ : UPLIFT @ 11' WALL = 1.98k

(CUT B" OFF WALL LENGTH)

$UPLIFT = 1.98 (11/10.33) = 2.11k$

EXISTING
HDPHDD2
NDGARD

USE HD24 ON

4x4 POST

ALL OTHER HOLDOWNS O.K. BY INSPECTION

SILL ANCHORAGE: USE 5/8" ϕ HILTI - KWIK BOLT II

ALLOW STRENGTH = 3840* / BOLT O.K.

(4000 psi conc)

HOLDOWN ANCHORAGE: USE 5/8" ϕ HVA ANCHORS

SYSTEM BY HILTI

ALLOWABLE TENSION = 4520* / BOLT O.K.

(4000 psi conc)

SHEAR WALL SCHEDULE

KEY	3/8" OSB or Plywd. Shg.	Items located on details					Maximum Allowable Shear Capacity (PLF)	Remarks	
		a		b	c	d			e
		Nailing edges	Nailing field	Sole Plate connection	Top Plate connect.	Blk'g.			Anchor Bolts: size & spacing
A	1 side	8d @ 6" o.c.	8d @ 12" o.c.	20d @ 6" o.c.	A35 @ 16" oc.	2x	5/8" diam x 10" @ 48" oc.	260.	
	2 sides	6" o.c.	12" o.c.	3/8" diam x 5" lags bolts @ 8" oc..	A35 @ 12" oc.		5/8" diam x 10" @ 32" oc.	520.	
B	1 side	8d @ 4" o.c.	8d @ 12" o.c.	20d @ 4" o.c.	A35 @ 16" oc.	3x	5/8" diam x 10" @ 32" oc.	380.	Use 3x studs @ pw. panel joints; 3x sills
	2 sides	4" o.c.	12" o.c.	3/8" diam x 5" lags bolts @ 4" oc..	A35 @ 8" oc.		5/8" diam x 10" @ 24" oc.	760.	
C	1 side	8d @ 3" o.c.	8d @ 12" o.c.	3/8" diam x 5" lags bolts @ 8" oc..	A35 @ 12" oc.	3x	5/8" diam x 10" @ 32" oc.	490.	Use 3x studs @ pw. panel joints; 3x sills
	2 sides	3" o.c.	12" o.c.	3/8" diam x 5" lags bolts @ 4" oc..	A35 @ 6" oc.		5/8" diam x 10" @ 16" oc.	980.	
D	1 side	8d @ 2" o.c.	8d @ 12" o.c.	3/8" diam x 5" lags bolts @ 6" oc..	A35 @ 8" oc.	3x	5/8" diam x 10" @ 24" oc.	640.	Use 3x studs @ pw. panel joints; 3x sills
	2 sides	2" o.c.	12" o.c.	3/8" diam x 5" lags bolts @ 3" oc..	A35 @ 4" oc.		5/8" diam x 10" @ 12" oc.	1280.	

Setting Details

Anchor Size	HKB		HKB		HKB		HKB		HKB		HKB	
	BD = D drill bit size = anchor diameter	E depth of embedment (minimum/standard)	HD hole depth E + D (min./std.)	DC wedge clearance hole	L anchor length min./max.	TL thread length std./extra thread length	M Installation torque (ft. lb.)	Stainless	Steel	Carbon	Steel	BMT Min. Base Material Thickness (inches)
1"	1"	4 1/2" / 6"	2"	2 1/4"	7"	3/4" / 4 1/2"	min. E	min. E	min. E	std. E	25	
1 1/2"	1 1/2"	5 1/2" / 7"	2 1/4"	2 3/4"	7"	1 1/2" / 4"	min. E	min. E	min. E	std. E	40	
2"	2"	6" / 7"	2 3/4"	3"	7"	1 1/2" / 4"	min. E	min. E	min. E	std. E	65	
2 1/2"	2 1/2"	6" / 7"	3"	3 3/4"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	85	
3"	3"	6" / 7"	3 3/4"	4"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	110	
3 1/2"	3 1/2"	6" / 7"	4"	4 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	150	
4"	4"	6" / 7"	4 1/2"	5"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	200	
4 1/2"	4 1/2"	6" / 7"	5"	5 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	250	
5"	5"	6" / 7"	5 1/2"	6"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	300	
5 1/2"	5 1/2"	6" / 7"	6"	6 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	350	
6"	6"	6" / 7"	6 1/2"	7"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	400	
6 1/2"	6 1/2"	6" / 7"	7"	7 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	450	
7"	7"	6" / 7"	7 1/2"	8"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	500	
7 1/2"	7 1/2"	6" / 7"	8"	8 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	550	
8"	8"	6" / 7"	8 1/2"	9"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	600	
8 1/2"	8 1/2"	6" / 7"	9"	9 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	650	
9"	9"	6" / 7"	9 1/2"	10"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	700	
9 1/2"	9 1/2"	6" / 7"	10"	10 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	750	
10"	10"	6" / 7"	10 1/2"	11"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	800	
10 1/2"	10 1/2"	6" / 7"	11"	11 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	850	
11"	11"	6" / 7"	11 1/2"	12"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	900	
11 1/2"	11 1/2"	6" / 7"	12"	12 1/2"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	950	
12"	12"	6" / 7"	12 1/2"	13"	10"	1 1/2" / 4"	min. E	min. E	min. E	std. E	1000	



Anchor Program Carbon Steel Kwik Bolt II Sizes

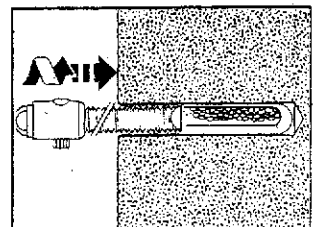
Item Number	Description	Hole Dia. (in.)	Anchor Length (in.)	Embed. Depth (in.)	Thread Length	HRH D=H	Qty. Per Box/Cm.	Average Working Loads in 4000 psi Concrete at Std. Embed. Depth	Tension (lbs.)	Shear (lbs.)
000453597	KB II 14-134	1 1/4"	2 1/4"	1 1/4"	1"	1%	100/900	2000	2"	2350
000453605	KB II 14-214	1 1/4"	2 1/4"	1 1/4"	1"	1%	100/900	2000	2"	2350
000453613	KB II 14-314	1 1/4"	3 1/4"	1 1/4"	2"	1%	100/400	4100	1 1/2"	2825
000453621	KB II 38-214	3/8"	2 1/4"	1 1/4"	1"	1%	100/500	4100	1 1/2"	2825
000453639	KB II 38-3	3/8"	3"	1 1/4"	1 1/2"	1%	100/400	5500	2 1/2"	5150
000453647	KB II 38-334	3/8"	3 3/4"	1 1/4"	1 1/2"	1%	100/400	5500	2 1/2"	5150
000453654	KB II 38-5	3/8"	5"	1 1/4"	1 1/2"	1%	100/400	5500	2 1/2"	5150
000453662	KB II 12-234	1/2"	2 1/4"	1 1/4"	1"	2%	50/200	9200	3 1/2"	9000
000453670	KB II 12-334	1/2"	3 3/4"	1 1/4"	1 1/2"	2%	50/200	9200	3 1/2"	9000
000453688	KB II 12-412	1/2"	4 1/2"	1 1/4"	1 1/2"	2%	50/200	9200	3 1/2"	9000
000453696	KB II 12-512	1/2"	5 1/2"	1 1/4"	1 1/2"	2%	50/200	9200	3 1/2"	9000
000453704	KB II 58-334	3/8"	3 3/4"	1 1/4"	1 1/2"	2%	25/100	14200	4"	12350
000453712	KB II 58-434	3/8"	4 3/4"	1 1/4"	1 1/2"	2%	25/100	14200	4"	12350
000453720	KB II 58-6	3/8"	6"	1 1/4"	1 1/2"	2%	25/75	14200	4"	12350
000453738	KB II 58-7	3/8"	7"	1 1/4"	1 1/2"	2%	25/75	14200	4"	12350
000453746	KB II 34-434	3/4"	4 3/4"	1 1/4"	1 1/2"	3%	20/80	19200	4 1/2"	18000
000453753	KB II 34-512	3/4"	5 1/2"	1 1/4"	1 1/2"	3%	20/80	19200	4 1/2"	18000
000453761	KB II 34-7	3/4"	7"	1 1/4"	1 1/2"	3%	20/80	19200	4 1/2"	18000
000453779	KB II 34-8	3/4"	8"	1 1/4"	1 1/2"	3%	10/40	19200	4 1/2"	18000
000454124	KB II 1-6	1"	6"	4 1/2"	2 1/2"	2%	5/25	34500	6"	22000
000454132	KB II 1-9	1"	9"	4 1/2"	2 1/2"	2%	5/25	34500	6"	22000

Extra Thread Length Carbon Steel Kwik Bolt II Sizes

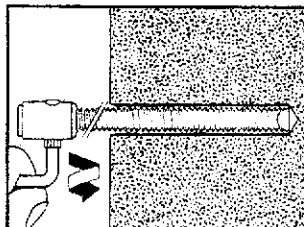
Item Number	Description	Hole Dia. (in.)	Anchor Length (in.)	Embed. Depth (in.)	Thread Length	HRH D=H	Qty. Per Box/Cm.	Average Working Loads in 4000 psi Concrete at Std. Embed. Depth	Tension (lbs.)	Shear (lbs.)
000453787	KB II 14-412 Extra Trd	1 1/4"	4 1/2"	1 1/4"	3"	1%	100/400	2000	2"	2350
000454140	KB II 38-7 Extra Trd	3/8"	7"	1 1/4"	4"	1%	50/200	5500	2 1/2"	5150
000453795	KB II 12-7 Extra Trd	1/2"	7"	1 1/4"	4"	2%	25/125	9200	3 1/2"	9000
000453803	KB II 58-812 Extra Trd	3/8"	8 1/2"	1 1/4"	3 1/2"	2%	25/100	14200	4"	12350
000453811	KB II 58-10 Extra Trd	3/8"	10"	1 1/4"	4 1/2"	2%	25/75	14200	4"	12350
000453829	KB II 34-10 Extra Trd	3/4"	10"	1 1/4"	3 1/2"	3%	10/30	19200	4 1/2"	18000
000454157	KB II 34-12 Extra Trd	3/4"	12"	1 1/4"	4 1/2"	3%	10/30	19200	4 1/2"	18000
000454165	KB II 1-12 Extra Trd	1"	12"	4 1/2"	4 1/2"	4%	5/15	34500	6"	22000

Values shown are for a shear plane acting through the anchor bolt shank. When the shear plane is acting through the anchor bolt threads, reduce the shear value by 20%. All other values shown are for shear plane acting through either body or threads. See Hill Product Technical Guide for complete performance data.

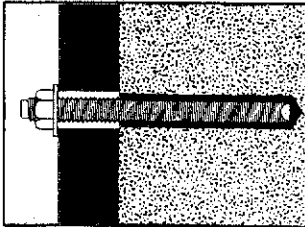
HAS Rod (Option #2)



3. HAS (Option #2)
Insert the shaft in the rotary hammer chuck, screw the anchor rod in the adaptor and place the adaptor on the shaft. At the rotary hammer drilling setting, drive in the rod to the embedment mark. Remove the drill and shaft assembly from the adaptor.

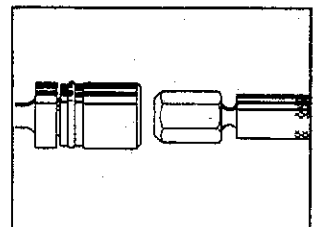


4. HAS (Option #2)
Rotate the hex bolt adaptor and unscrew the adaptor from the anchor rod immediately. When removing the adaptor, do not pull out the rod. If the adaptor is removed immediately, movement of the rod will not be detrimental to the fastening.

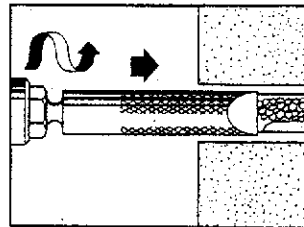


5. HAS (Option #2)
The set anchor rod may not be disturbed or loaded before the end of the specified curing time.

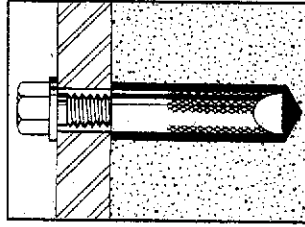
Rebar



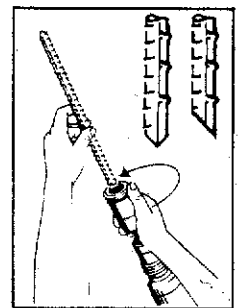
3. HFA
Insert the shaft with socket into the hammer drill, screw the setting tool into the HFA and place in the socket.



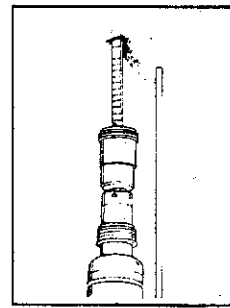
4. HFA
At the rotary hammer drill setting, drive the HFA flush with the surface of the concrete.



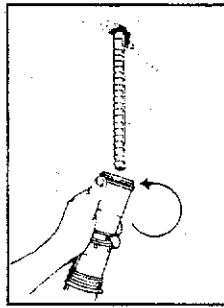
5. HFA
The set anchor can not be disturbed or loaded before the specified curing time.



3. Rebar
Rotate knurled locking sleeve and insert appropriate diameter rebar. End of rebar being inserted into base material must have a 45° cut or a 90° chisel point.



4. Rebar
Place chisel pointed end of rebar on top of HFA capsule and switch on hammer drill. Drill rebar to bottom of hole.



5. Rebar
The set rebar may not be disturbed or loaded before the end of the specified curing time.

Specification Table - Standard HAS Rod and HFA Inserts

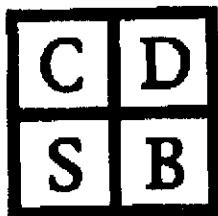
Description	Hole Diameter (in.)	Hole Depth (in.)	Maximum Thickness of Object Fastened (in.)	Drill Bit	Average Working Load ^{2,3} 4000 psi Concrete Tension (lbs)	Shear (lbs)	Average Ultimate Load ^{2,3} 4000 psi Concrete Tension (lbs)	Shear (lbs)	Maximum Tightening Torque (ft-lbs)	Minimum Size ¹ (in.)
HAS 38-518	15/32	3 1/2	1	TE-C+ 1/8"-12	1560	1070	4680	4015	18	8/16
HAS 12-612	9/16	4 1/4	1 1/2	TE-C+ 9/16"-12	2840	2090	8520	7850	35	3/4
HAS 58-758	1 1/16	5	1 1/2	TE-C+ 1 1/16"-12	4520	3000	13560	11240	80	15/16
HAS 34-958	1 1/8	6 5/8	2	TE-C+ 7/8"-10	6680	4800	18200	20040	18010	1 1/8
HAS 78-10 HDG	1 1/2	8 1/2	2 1/2	TE-FY 1-13	9240	6350	27720	23805	200	1 3/8
HAS 1-12	1 1/2	8 1/2	2 1/2	TE-FY 1 1/4"-17	12120	7630	36360	28615	330	1 3/8
HAS 114-16	1 1/2	12	2 1/2	TE-FY 1 1/4"-23	19380	13070	58140	49000	550	1 3/8
HFA 3/4 x 3 1/2	3/4	3 1/2	N/A	TE-C+ 5/8	2880	1820	10810	6827	18	N/A
HFA 1/2 x 4 1/2	1 1/4	4 1/2	N/A	TE-C+ 1 1/4"-12	3690	2635	13830	9890	35	N/A
HFA 3/8 x 5	1	5	N/A	TE-FY 1-13	7295	5055	27365	18965	80	N/A
HFA 3/8 x 6 5/8	1 1/8	6 5/8	N/A	TE-FY 1 1/4"-17	9750	7315	36560	27405	160	N/A

1. Based on standard rod material. Also stocked: High strength steel rods, stainless steel (304) rods. Available through special order, stainless steel (316) rods extra length rods (all materials), longer capsules. 2. For allowable loads of stainless steel, high strength steel, or extra length rods, consult Hill Product Technical Guide. 3. HFA data obtained using SAE Grade 5 bolt.

NOTE:
1. The rebar setting tool can be cleaned by soaking it in a solvent and then blowing dry with compressed air.
2. The locking rollers of the setting tool should be lubricated every 100 installations, or as required, using Hill Spray Lube or equivalent.

Base Material Temperature	Curing Time		
	3/4"-1" φ	1 1/4" φ	1 3/8" φ
Above 68°F	20 Min.	40 Min.	Above 68°F
50°F to 68°F	30 Min.	1 Hr.	50°F to 68°F
32°F to 50°F	1 Hr.	2 Hr.	32°F to 50°F
23°F to 32°F	5 Hr.	5 Hr.	23°F to 32°F

Below 23°F, consult your Hill field engineer.



CERTIFIED • DESIGN • SYSTEM • BALANCE

COMPLETION REPORT

August 8, 2001

JOB DESCRIPTION: Friends Meeting House
890 57th Street
Sacramento, CA 95819

CONTRACTOR: Serv. Co. General Contractors

ARCHITECT: Vrilakas Architectural Builders

ENGINEER: The McDermott Group

TEST PERFORMED BY: Gary Oulrey

CHECKED BY:

Gary Oulrey
GARY OULREY



GENERAL NOTES SHEET

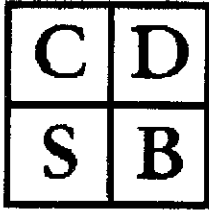
The outside air damper was set and marked.

A ShorrIDGE Electronic Flowhood was used to measure all supply return/exhaust terminal units unless noted otherwise.

A Fluke multi meter was used to measure all voltages and amperages

BALANCE REPORT ABBREVIATIONS

CD	CEILING DIFFUSER
CEG	CEILING EXHAUST GRILLE
CER	CEILING EXHAUST REGISTER
CRG	CEILING RETURN GRILLE
CSR	CEILING SUPPLY REGISTER
DNA	DATA NOT AVAILABLE
DNL	DATA NOT LISTED
FEG	FLOOR EXHAUST GRILLE
FRR	FLOOR RETURN REGISTER
FSR	FLOOR SUPPLY REGISTER
NA	NON ACCESSIBLE
NI	NOT INSTALLED
NT	NOT TAKEN, DUE TO IRREGULAR READINGS
NVL	NO VALID LOCATION FOR TESTING
OPEN	NO TERMINAL, DUCT OPEN
WEG	WALL EXHAUST GRILLE
WRG	WALL RETURN GRILLE
WSR	WALL SUPPLY REGISTER
LSD	LINEAR SUPPLY DIFFUSER
LRR	LINEAR RETURN REGISTER
LER	LINEAR EXHAUST REGISTER

DESIGN  CERTIFIED SYSTEM BALANCE		CERTIFIED • DESIGN • SYSTEM • BALANCE P.O. BOX 1249 CITRUS HEIGHTS, CA 95611-1249 PHONE/FAX (916) 725-6317				SB JOB NO.						
						CD01-0436						
						SECTION		PAGE		4		
FAN AND OUTLET TEST SHEET						DATE						
						8/8/2001						
AREA SERVED						UNIT						
MEETING ROOM, CLASSROOM, FOYER KICHENETTE						FCU-1						
MOTOR NAMEPLATE DATA				DATA ITEM		TEST 1		TEST 2		TEST 3		
MFG GE				VOLTS				241				
HP 3/4 V 230 FLA 4.40				AMPS				3.41				
PH 1 SF THERM RPM 3speed				BHP				-				
SHEAVE DATA												
DIA		SHAFT										
ADJ		% FIXED										
FAN NAMEPLATE DATA												
MFG RHEEN				RPM		HIGH		HIGH				
MODEL RRKA-A060CK10E				SP -		-		0.16				
TYPE PACKAGE				SP +		-		0.33				
SIZE 5 TON				ESP		-		0.49				
SHEAVE DATA				FILTER SP		-		0.08				
DIA		SHAFT		CFM TOTAL		1938		1920				
BELTS				CFM RA		1378		1083				
				CFM OSA MIN.		560		837				
FAN SUBMITTAL DATA				CFM 2000		SP 0.50		RPM		DNL BHP DNL		
ROOM	OPENING			FACTOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	1	CD	8X4		84		137		55			
	2	CD	8X4		84		124		58			
	3	CD	12X6		119		190		110			
	4	CD	18X8		376		311		338			
	5	CD	12X8		261		262		341		correct	
	6	CD	18X8		379		290		325		X	
	7	WSR	18X8		380		352		367			
	8	CD	18X8		379		272		326		X	
FCU-1 SUPPLY AIR TOTAL						2022		1938		1920		
	9	CRR	18X12		1720		1126		924			
	10	CRR	30X24		320		253		159			
FCU-1 RETURN AIR TOTAL						2040		1378		1083		
OSA						0		560		837		
REMARKS DESIGN MIN OSA 600												

MEMORANDUM

SACRAMENTO FIRE DEPARTMENT

TO: BUILDING DEPARTMENT

DATE: 8-14-01

FROM: Troy Malaspino
Fire Marshal

SUBJECT: FIRE SYSTEM INSPECTION

A final inspection of the newly installed fire system at:

890 57^{1/2} ST

Has been conducted by Inspector

S. Bodick

On

8-13-01

00-04230
Permit Number

1861
Square Footage

Building frame
Type of Inspection

They system is acceptable by this department.

R. Woodman
By: Ross L. Woodman,
Fire Prevention Officer II

TJ-884
F.D. Reference Number

ci

CITY OF SACRAMENTO

CERTIFICATE OF OCCUPANCY

For Information Contact (916) 264-5716

Building Address: 890 - 57TH ST Permit No. 0004230

Building Use: CHURCH Occupancy: A3

Building Owner: PACIFIC YEARLY MEETING HO. Construction Type: VN

Owner Address: P.O. BOX 163677 SAC. Sprinkled? [] Yes [X] No

Portion of Building Occupied: ENTIRE Area: 1811 Sq. Ft.

11/2/01 Walter Harris DENNIS RICHARDSON
Date By:Print Sign CITY BUILDING OFFICIAL

[Finaled By:DP,MJS,RDH,GRS,SB]

This Certificate, issued pursuant to the requirements of Section 109 of the Uniform Building Code, certifies that at time of issuance the described portion of the building has been inspected for compliance with the Uniform Building Code, as adopted per Title 15 of the Sacramento City Code for the group and division of occupancy and use for which the proposed occupancy is classified. Issuance of this certificate shall not be construed as an approval of a violation of any Codes, or Federal, State and City Laws or Ordinances. Certificates presuming to give authority to such violation shall not be valid. This certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the City Building Official. No changes shall be made in the character of occupancy or use without approval of the City Building Official.

POST IN A CONSPICUOUS PLACE