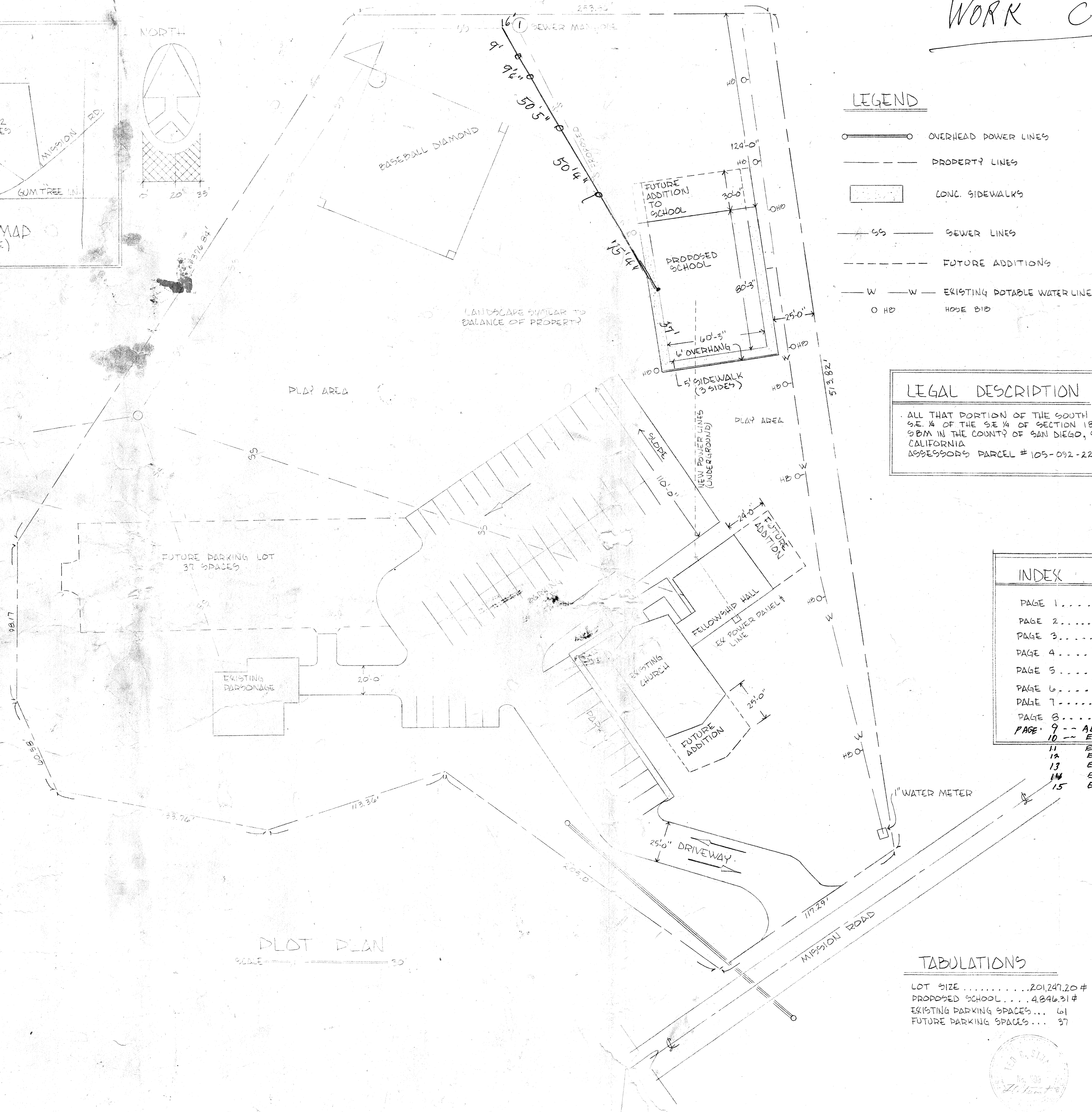
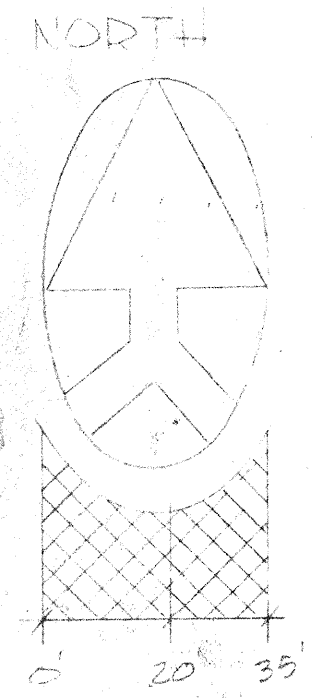
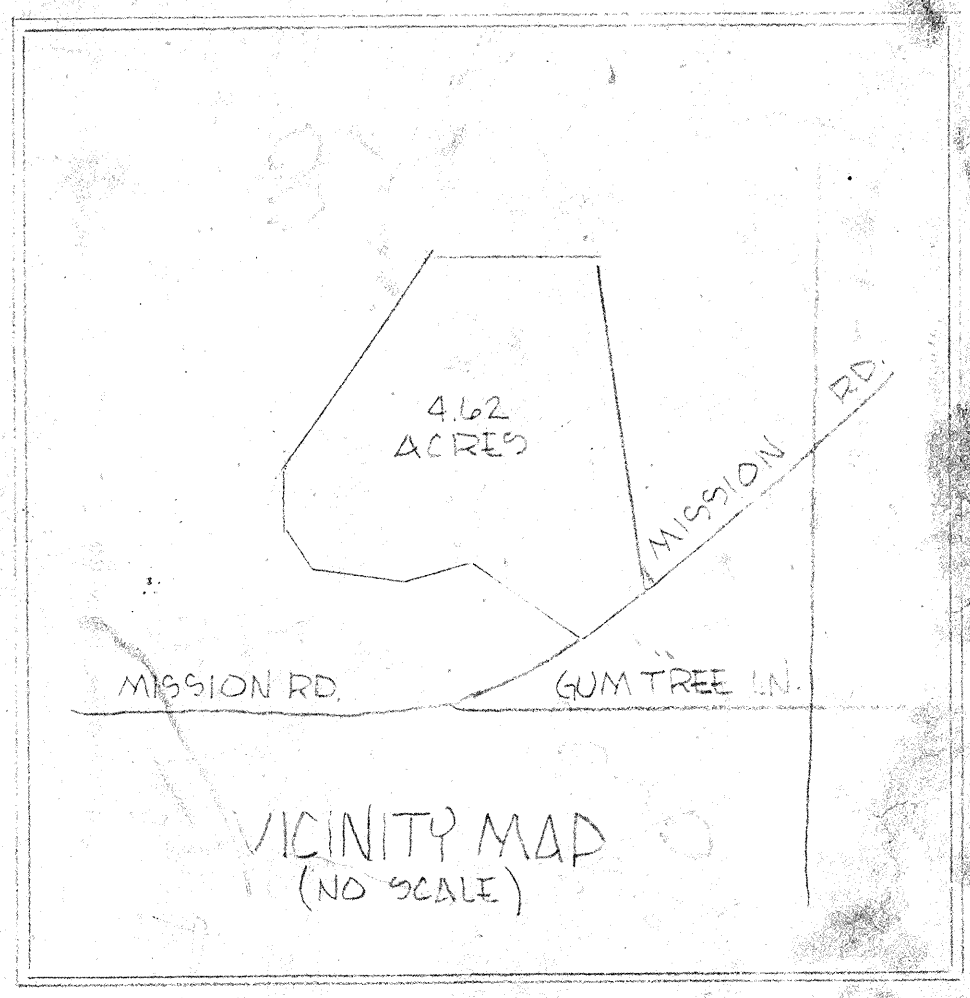


WORK COPY



- LEGEND**
- OVERHEAD POWER LINES
  - - - PROPERTY LINES
  - ▨ CONC. SIDEWALKS
  - SS SEWER LINES
  - - - FUTURE ADDITIONS
  - W— EXISTING POTABLE WATER LINE
  - HB HOSE BID

**LEGAL DESCRIPTION**

ALL THAT PORTION OF THE SOUTH 1/2 OF THE SE 1/4 OF THE SE 1/4 OF SECTION 18 T9S R5W 5BM IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA  
ASSESSORS PARCEL # 105-092-22

**INDEX**

PAGE 1	.....	PLOT PLAN
PAGE 2	.....	FOUNDATION PLAN
PAGE 3	.....	FLOOR & FLOOR JOIST PLAN
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PAGE 5	.....	REFLECTED CEILING PLAN
PAGE 6	.....	MECHANICAL FLOOR PLAN
PAGE 7	.....	PLUMBING PLAN
PAGE 8	.....	DETAILS, SCHEDULES, NOTES
PAGE 9	-- AB 1 OF 1	STEEL STRUCTURE
10	-- E1 OF 6	" "
11	E2 OF 6	" "
12	E3 OF 6	" "
13	E4 OF 6	" "
14	E5 OF 6	" "
15	E6 OF 6	" "

**PLOT PLAN**  
SCALE 1" = 30'

**TABULATIONS**

LOT SIZE	.....	201,247.20 #
PROPOSED SCHOOL	.....	4846.31 #
EXISTING PARKING SPACES	...	61
FUTURE PARKING SPACES	...	37

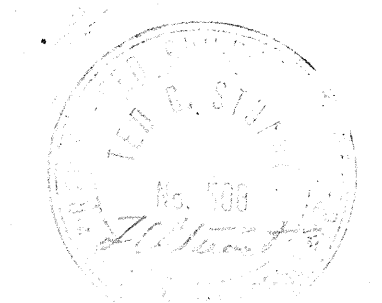
**GROUP E OCCUPANCY**

PAROCHIAL SCHOOL FOR:  
ST. STEPHAN BY LOTH. CHURCH  
1136 E. MISSION RD, FALLBROOK  
Rep: G.T. Clasen  
2125 Roche Rd Fallbrook  
92128-7055 # 619-41-962

**DESIGN A LINE**  
829 HERMES AVE., LEUCADIA, CA. 92024  
436-3482

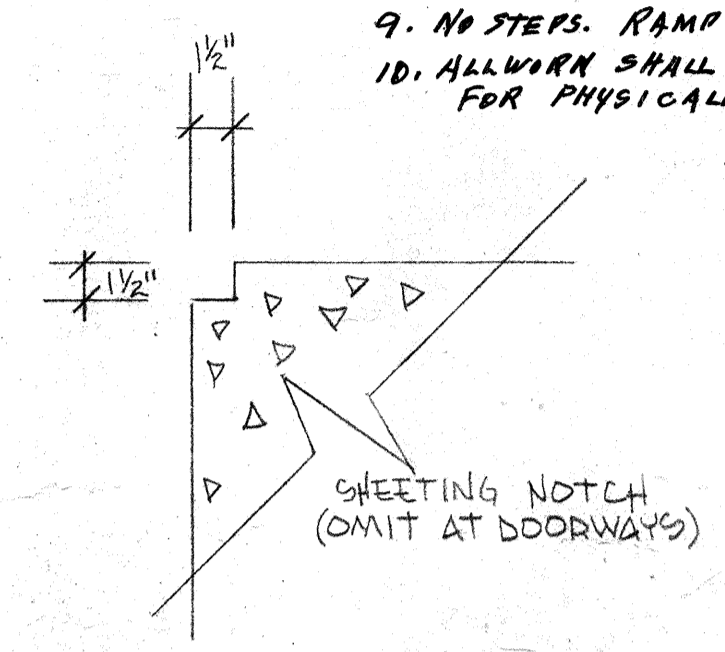
PAGE 1 of 15

DRAWN AND DESIGNED BY:



FOUNDATION CALCULATIONS  
 MAX. COL. LOAD = 4.5 KIPS  
 PAD FTGS 1'x2'x1.5' = 4.5<sup>2</sup> BEARING SURFACE  
 ∴ PAD FTO LOAD = 1.125 KSF  
 ABV OF FDN. BEARING SOIL = 2.00 KSK  
 SOILS REPORT RECOMMENDATIONS  
 PER ALPHA LAB LETTERS 4/22/82  
 4/29/82

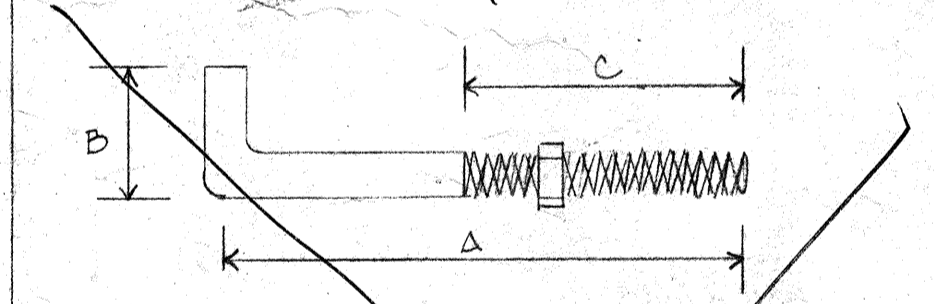
1. EXTERIOR FOOTINGS EXTEND 18" BELOW GRADE
2. FOOTINGS TO BE 12" WIDE, 24" WIDE AT TRANS PAPS
3. ONE #4 REBAR 3" FROM BOTTOM OF FTGS & ONE #4 REBAR 1" FROM TOP OF FLOOR CONTINUOUS
4. SLAB SHALL BE 4" WITH 4" SAND BLANKET
5. SLAB JOINTS @ 15' OC FOR CONTROLLED CRACKING
6. EXTERIOR WELDED STEEL WIRE MESH IN SLAB TO EXTEND 6" INTO FOOTING
7. CLAYEY SOIL TO BE PRESATURATED BEFORE PLACING CONCRETE
8. TEST MOISTURE CONTENT 24 HRS BEFORE PLACING CONCRETE @ 2' DEPTH (3/8 ABOVE OPTIMUM REQ.)
9. NO STEPS. RAMP SLOPE NOT OVER 1" IN 12"
10. ALL WORK SHALL CONFORM WITH CALIFORNIA ACCESS LAWS FOR PHYSICALLY HANDICAPPED PERSONS



SECTION A-2  
 SCALE = 1/2" = 1'

NOTES!!

1. ALL REACTIONS ARE GIVEN IN KIPS (1000 LBS.)
2. REACTIONS ARE FOR BUILDING THOSE FOR FOUNDATION WILL BE EQUAL & OPPOSITE.
3. THE VERTICAL REACTION OF THE ENDWALL COLUMN IS FOR DEADLOAD PLUS LIVELOAD W/ AN ENDWALL PARTER & COLUMNS AS FRAMING.
4. THE HORIZONTAL REACTION IS FROM WIND PRESSURE ON THE ENDWALL. FOR WIND IN THE OPPOSITE DIRECTION A SUCTION OF 62% OF THAT VALUE CAN OCCUR.
5. ALL ANCHOR BOLTS SHALL PROJECT FROM SAME ELEVATION UNLESS NOTED.
6. ALL CONCRETE & CONSTRUCTION SHALL BE BY OWNER/BUILDER.



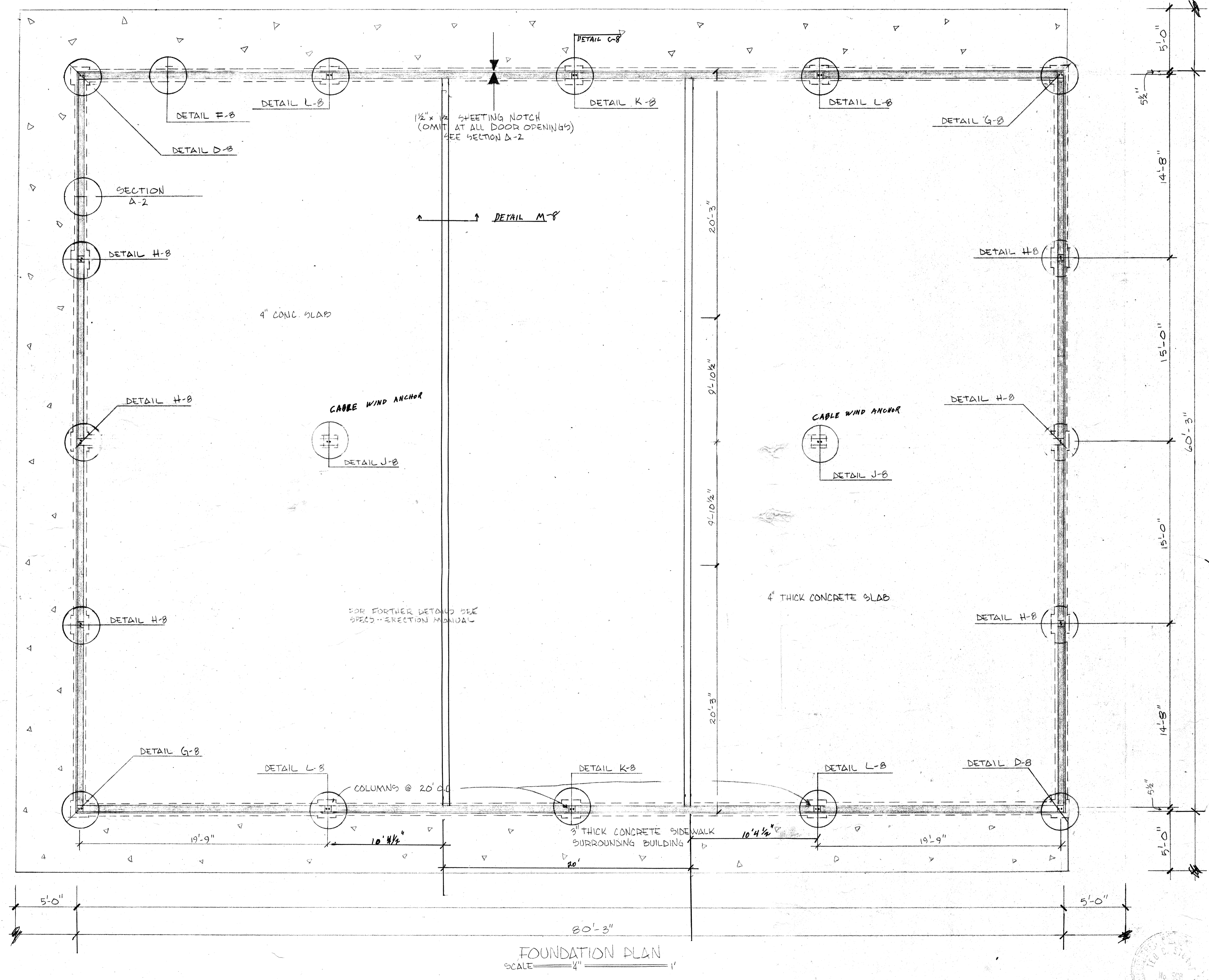
ANCHOR BOLT DETAIL  
 (NO SCALE)

ANCHOR BOLT SCHEDULE						
QTY.	DIA. IN.	LENGTH IN.	A IN.	B IN.	C IN.	PROJ. IN.
	3/4	16.0	1.0	4.0	4.0	2.0
	5/8	14.0	1.0	4.0	4.0	2.0
	1/2	10.0	1.0	2.0	4.0	2.0
	7/8	20.0	1.0	4.0	4.0	2.0

GROUP E OCCUPANCY

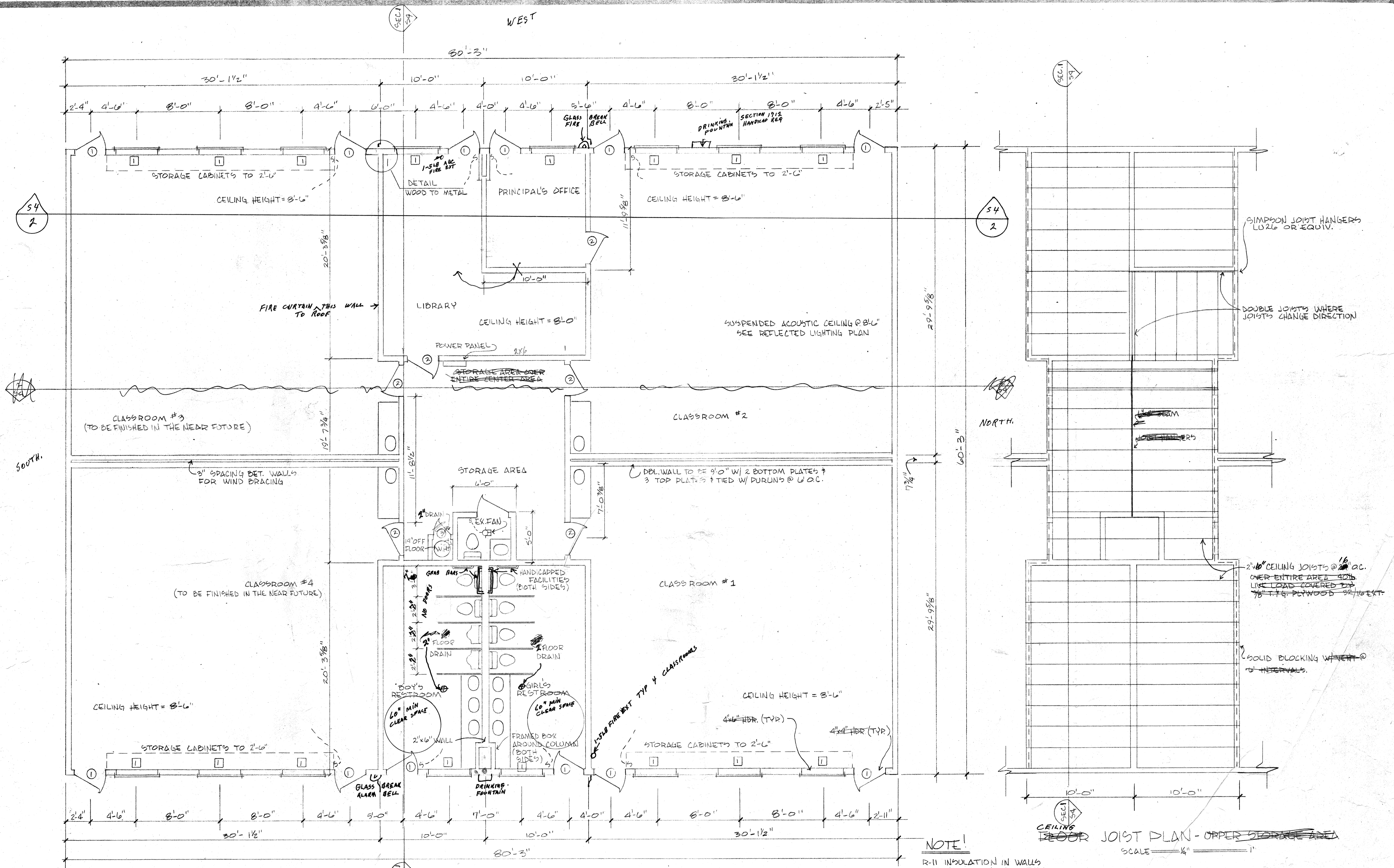
DAROCIAL SCHOOL FOR:  
 St. Stephen Ev. Luth. Church  
 1636 E. MISSION RD., FALLBROOK  
 REP. G.J. CLASTEN  
 2125 RECHE RD., FALLBROOK  
 728-7955 #BI-96062

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 829 HERMES AVE., LEUCADIA, CA. 92024  
 436-3482



FOUNDATION PLAN  
 SCALE = 1/4" = 1'



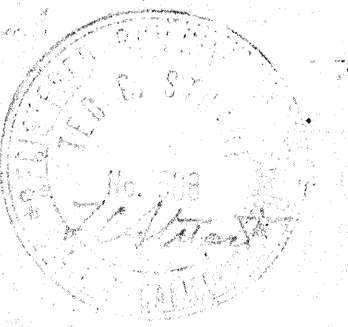


FLOOR PLAN  
SCALE = 1/4" = 1'

CEILING JOIST PLAN - UPPER STORAGE AREA  
SCALE = 1/4" = 1'

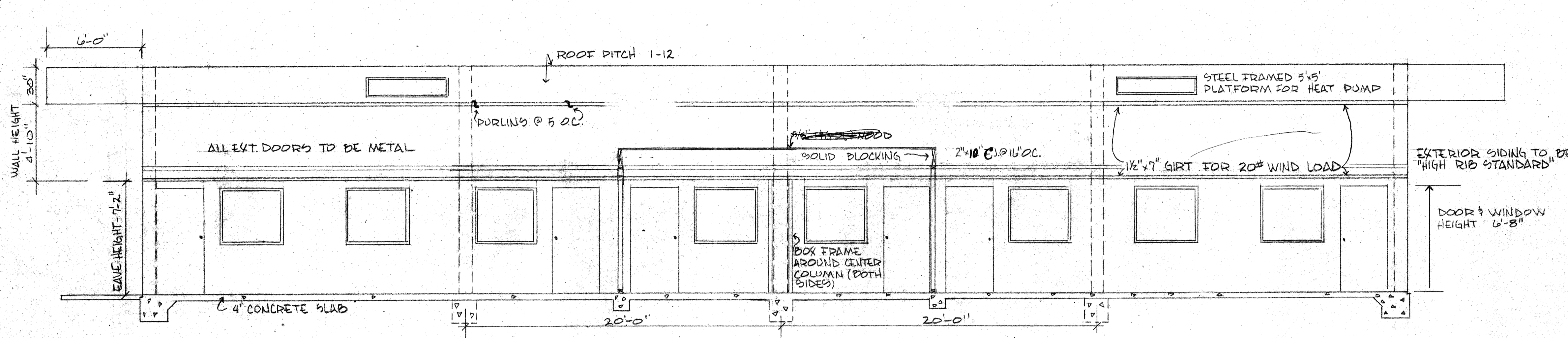
NOTE!  
R-11 INSULATION IN WALLS  
R-19 INSULATION IN CEILING

PAROCHIAL SCHOOL for:  
ST. STEPHAN'S EV. LUTHER CHURCH  
1636 E. MISSION RD., FALLBROOK  
Rep: G. J. Clasen  
2125 Reche Rd., Fallbrook, CA  
928-7955 #81-96962

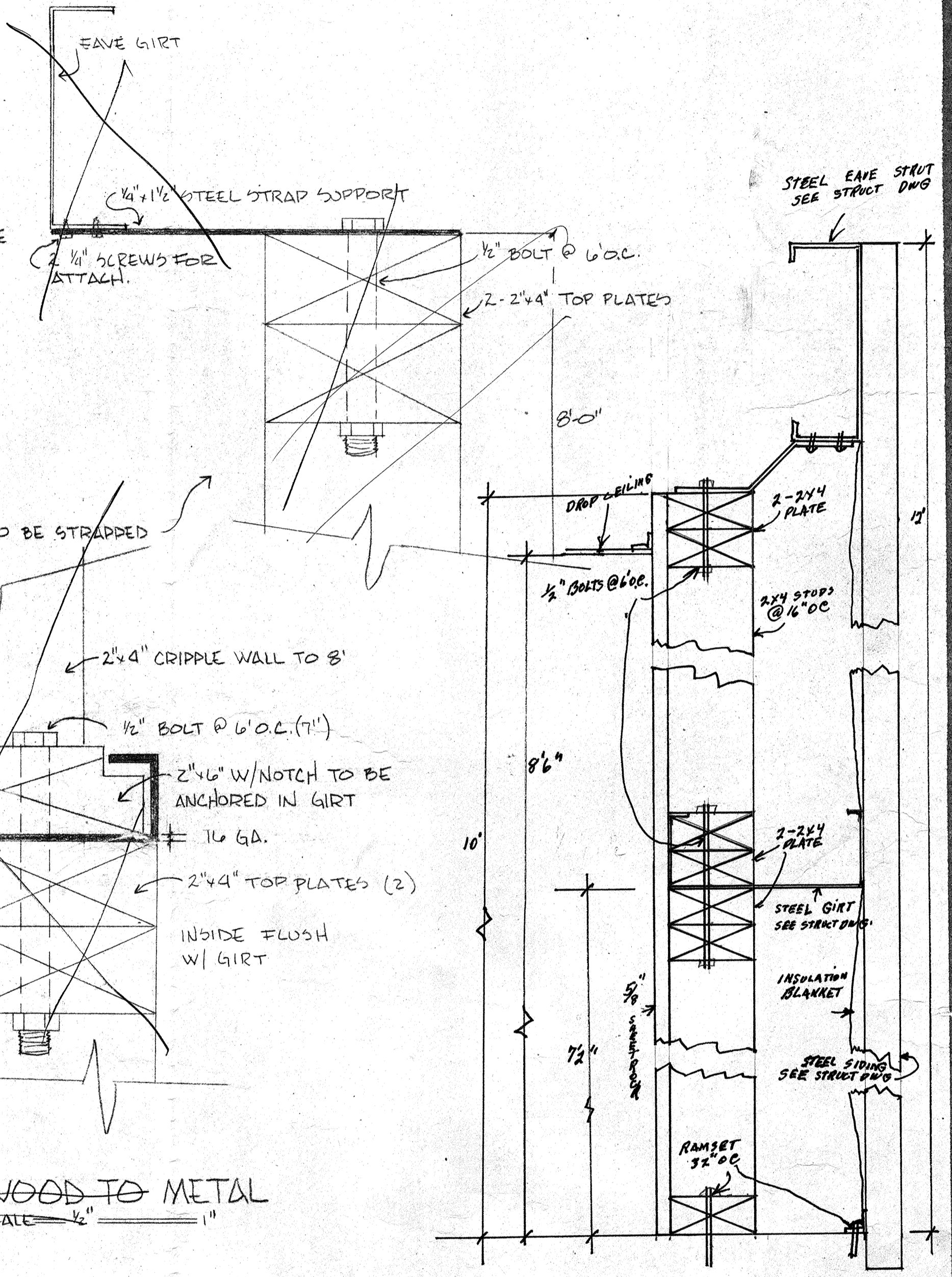


PAGE  
3 of 15

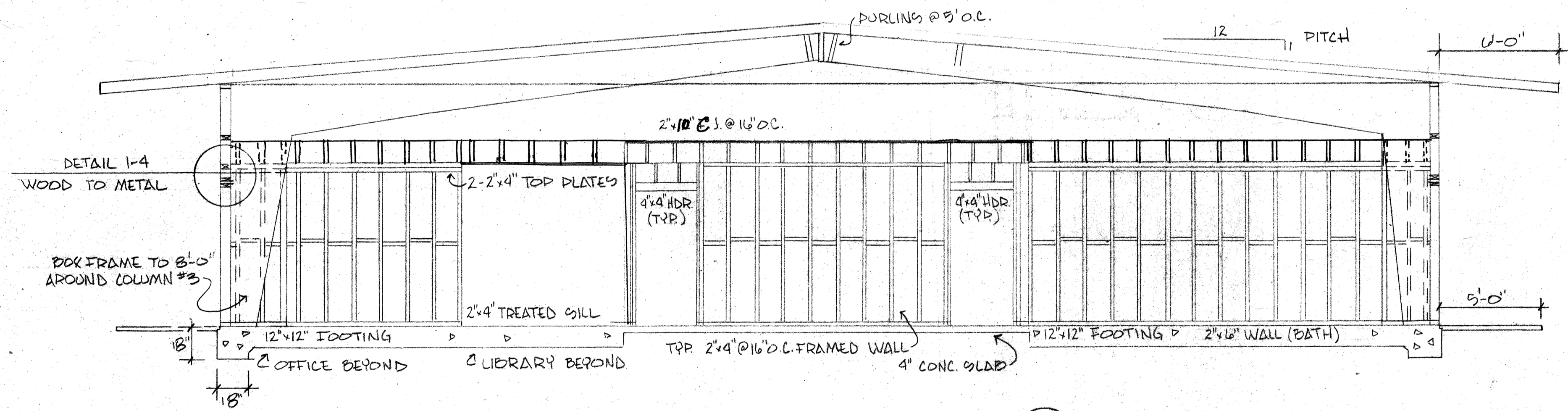
DRAWN AND DESIGNED BY:  
**DESIGN A LINE**  
829 HERMES AVE., LEUCADIA, CA. 92024  
436-3482



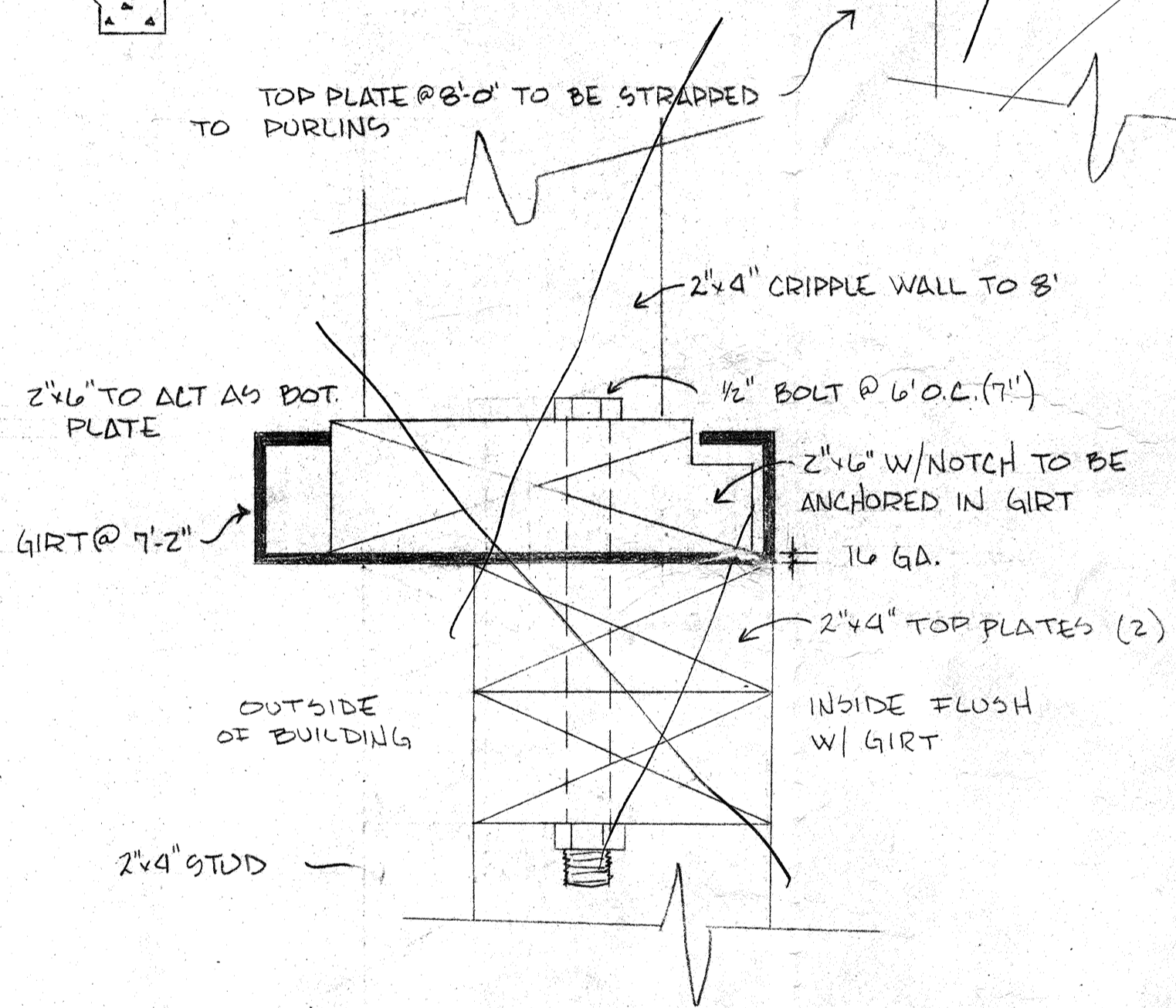
EAST SECTION  
SCALE = 1/4" = 1'  
54  
2



DETAIL 1-4 TYPICAL EXTERIOR WALL  
SCALE 1/4" = 1'



CENTER SECTION  
SCALE = 1/4" = 1'  
54  
1



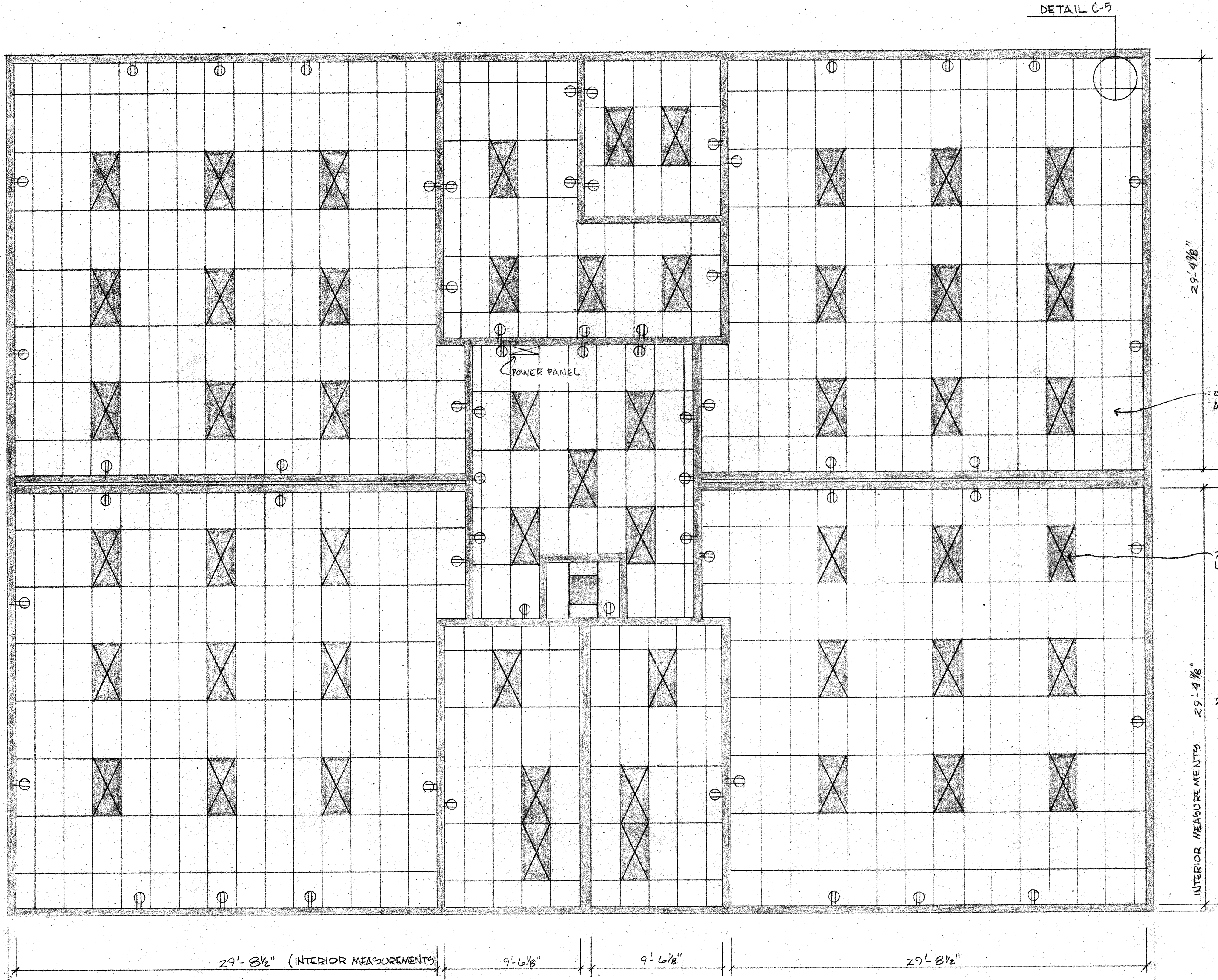
DETAIL 1-4 WOOD TO METAL  
SCALE = 1/4" = 1'

PAROCHIAL SCHOOL FOR:  
St. Stephan Ev. Luth. Church  
1636 E. MISSION RD, FALLBROOK  
Rep. G.J. Clasen  
2125 Reche Ed, Fallbrook  
928-7955 #B1-96962

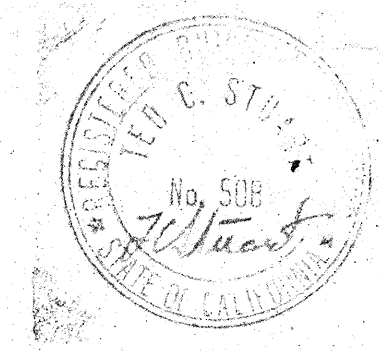
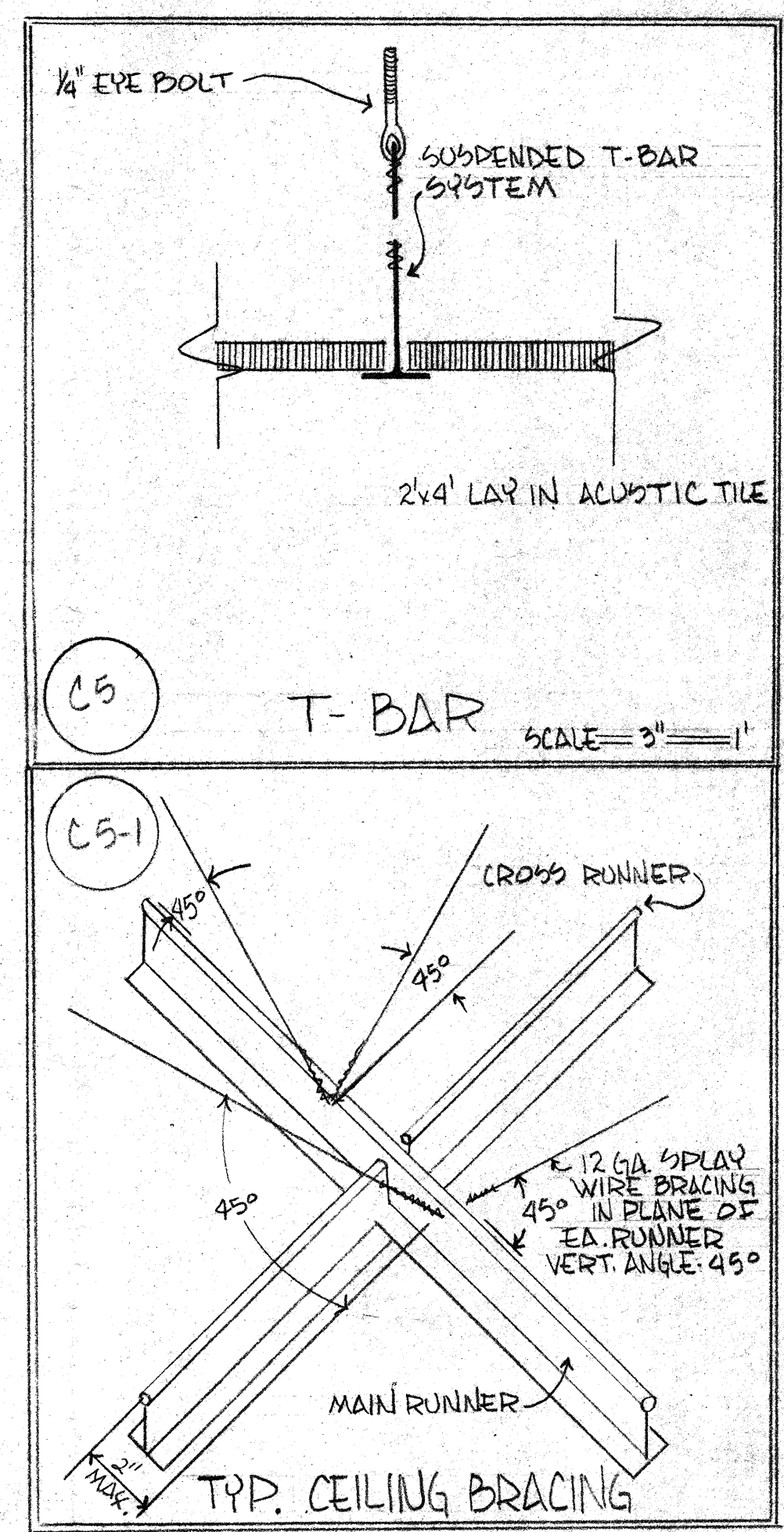
PAGE  
4 of 15

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**DESIGN A LINE**  
829 HERMES AVE., LEUCADIA, CA. 92024  
436-3482





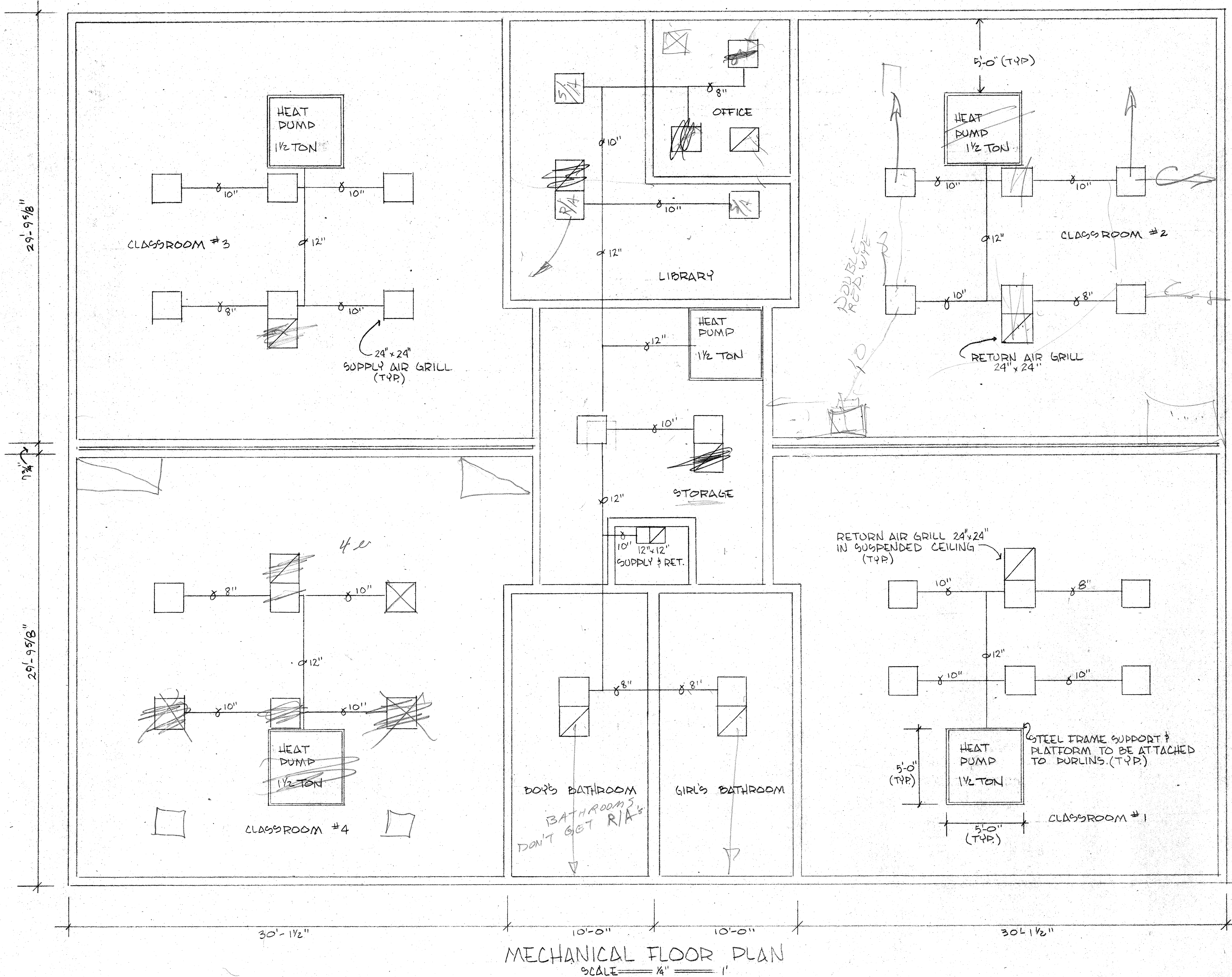
REFLECTED CEILING PLAN & ELECTRICAL  
SCALE = 1/4" = 1'



PAROCHIAL SCHOOL FOR St. Stephan Ev. Luth. Church 1636 E. Mission Rd, Fallbrook	PAGE 5 of 15
Rep: G.J. Clasen 2125 Reche Rd, Fallbrook, CA 728-7955 #01-96062	
DRAWN AND DESIGNED BY: <b>DESIGN A LINE</b> 829 HERMES AVE., LEUCADIA, CA. 92024 436-3482	

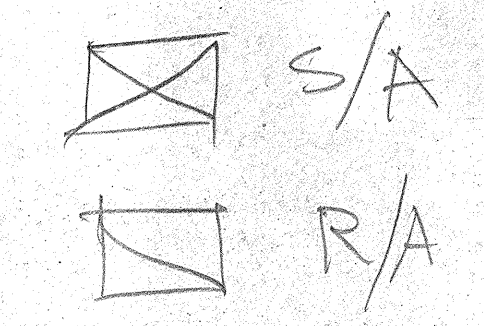
1-5

2 = 400 CFM  
 800 CFM  
 500 fpm  
 13.2 fps  
 VA = CFM  
 VA = 200  
 .842  
 1000



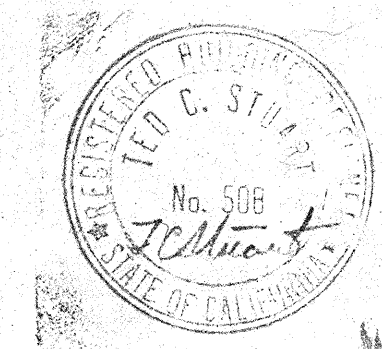
**GENERAL NOTES**

1. ALL DUCT DIMENSIONS INDICATED, ARE NET INSIDE DIMENSIONS.
2. VERIFY EXACT DUCT ROUTING & DIMENSIONS BY FIELD MEASUREMENTS PRIOR TO FABRICATION.
3. ALL DUCTWORK SHALL BE INDEPENDANTLY SUSPENDED FROM THE OVERHEAD STRUCTURE.
4. PROVIDE FELT STRIPS FOR SUPPORT STRAPS ON ALL DUCTWORK SUBJECT TO RATTLING.
5. PROVIDE LATERAL BRACES ON ALL VERTICAL & HORIZONTAL DUCTWORK IN ACCORDANCE WITH SMACNA. ALL DIFFUSERS SHALL BE SECURED TO ADJACENT DUCTWORK BY APPROVED METHODS. ALL EXPOSED DUCT JOINTS SHALL BE RIVETED, OR OTHERWISE SECURED IN AN APPROVED MANNER TO PREVENT SEPERATION.
6. HEAT PUMPS: GE SINGLE PACKAGE WEATHERTRON HEAT PUMPS 2 TON MODEL # BWC24E 100 BD @ 200 CFM 200V SINGLE PHASE 60 CYCLE 30 AMP NO STRIP HEATERS COMPRESSOR R304 17.6 AMP
7. DUCTS TO BE FIBRE GLASS FLEX AND OR GALVANIZED WITH 1" 1/2 LB FIBREGLAS DUCT RAP (TYPE I DUCT)



**NOTE!!**

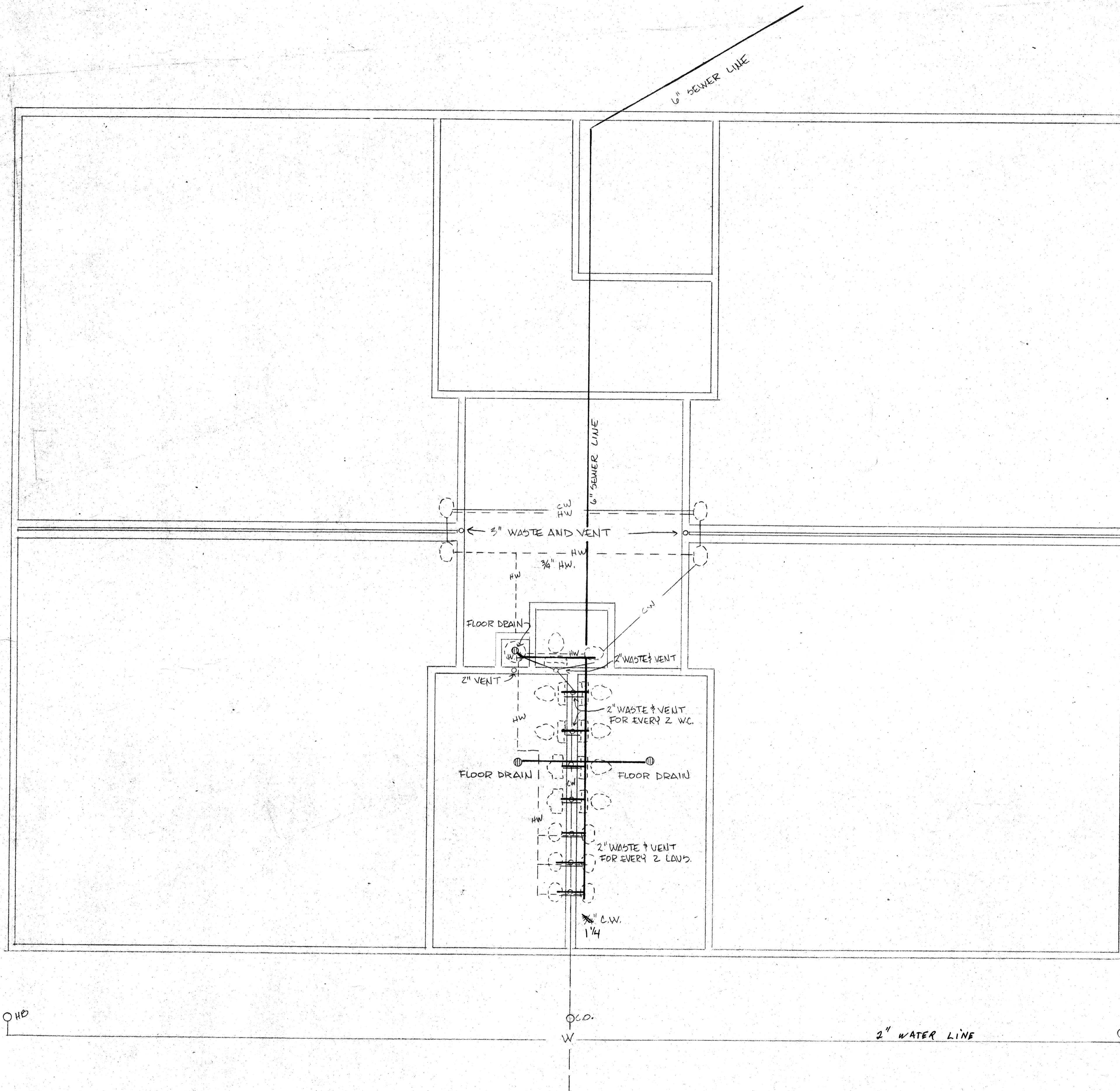
ALL HEAT PUMPS ARE ROOF MOUNTED PLACED ATOP & DET. PURLINS FOR SUPPORT.



PARCHIAL SCHOOL FOR:  
 St. Stephen Ev. Luth. Church  
 1636 E. MISSION RD, FALLBROOK  
 REP: G.J. Clesen, 2125 Roche Rd.  
 Fallbrook 728-7955 #B1-96762

PAGE  
 6 of 15

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 436-3482



LEGEND

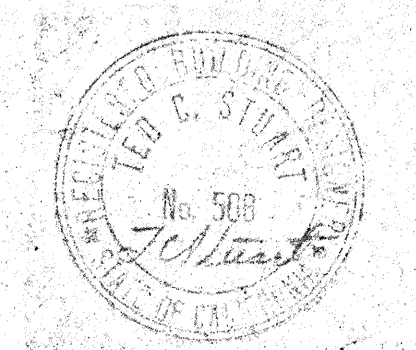
- CW ——— COLD WATER LINE
- HW ——— HOT WATER LINE
- — — SEWER LINE
- ..... VENT
- ⊕..... FLOOR DRAIN

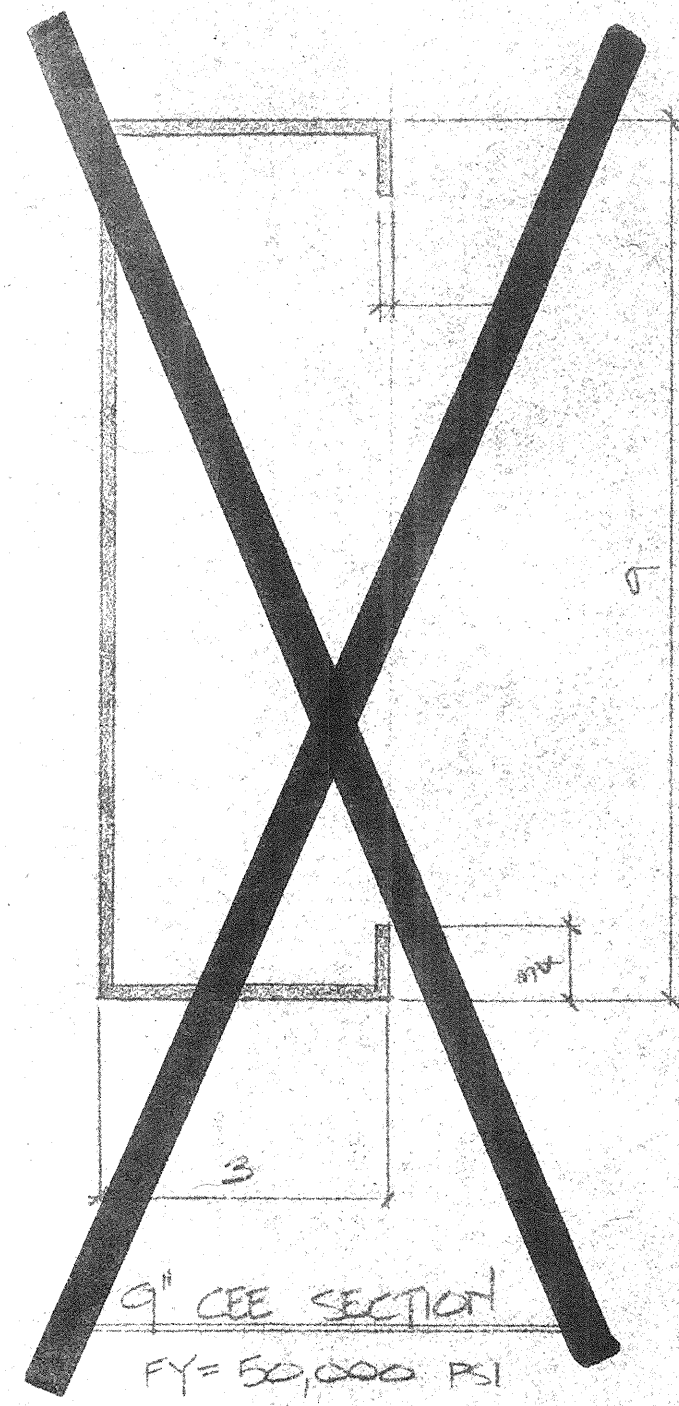
NOTES!!

1. ALL PIPE IN WATER SUPPLY SYSTEM IN BLDG. TO BE TYPE L COPPER W/ SOLDERED JOINTS.
2. ALL VENT AND WASTE PIPE SMALLER THAN 4" IS TO BE TYPE M COPPER.
3. ALL SOIL AND WASTE PIPE WHICH IS 4" IS TO BE NO HUB CAST IRON W/ GLEEVE COUPLINGS.
4. ALL STOP VALVES ARE BRASS.
5. ALL TRIM IS CHROME PLATED.
6. ALL SPRINKLERS PROVIDED WITH BACK FLOW PREVENTERS.
7. COMPLY SECTION 53.122 WATER CONSERVATION. LAVATORY FAUCETS SHALL BE SELF CLOSING. ALL NEW LANDSCAPE IRRIGATION TO BE EQUIPPED WITH AUTOMATIC CONTROL DEVICE.

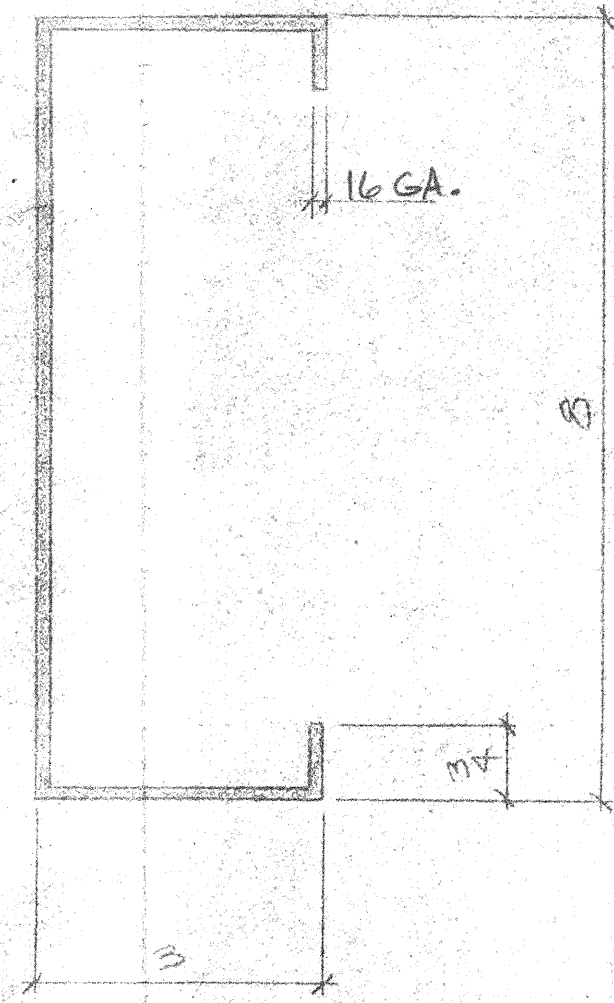
PLUMBING PLAN  
SCALE = 1/4" = 1'

PAROCHIAL School FOR St. Stephan Ev. Luth. Church 11636 E. Mission Rd., Fallbrook REP: G.J. CLAGEN 2125 RECREATION RD., FALLBROOK 728-7955 #B1-96962	PAGE 7 of 15
DRAWN AND DESIGNED BY: <b>DESIGN A LINE</b> 829 HERMES AVE., LEUCADIA, CA. 92024 436-3482	

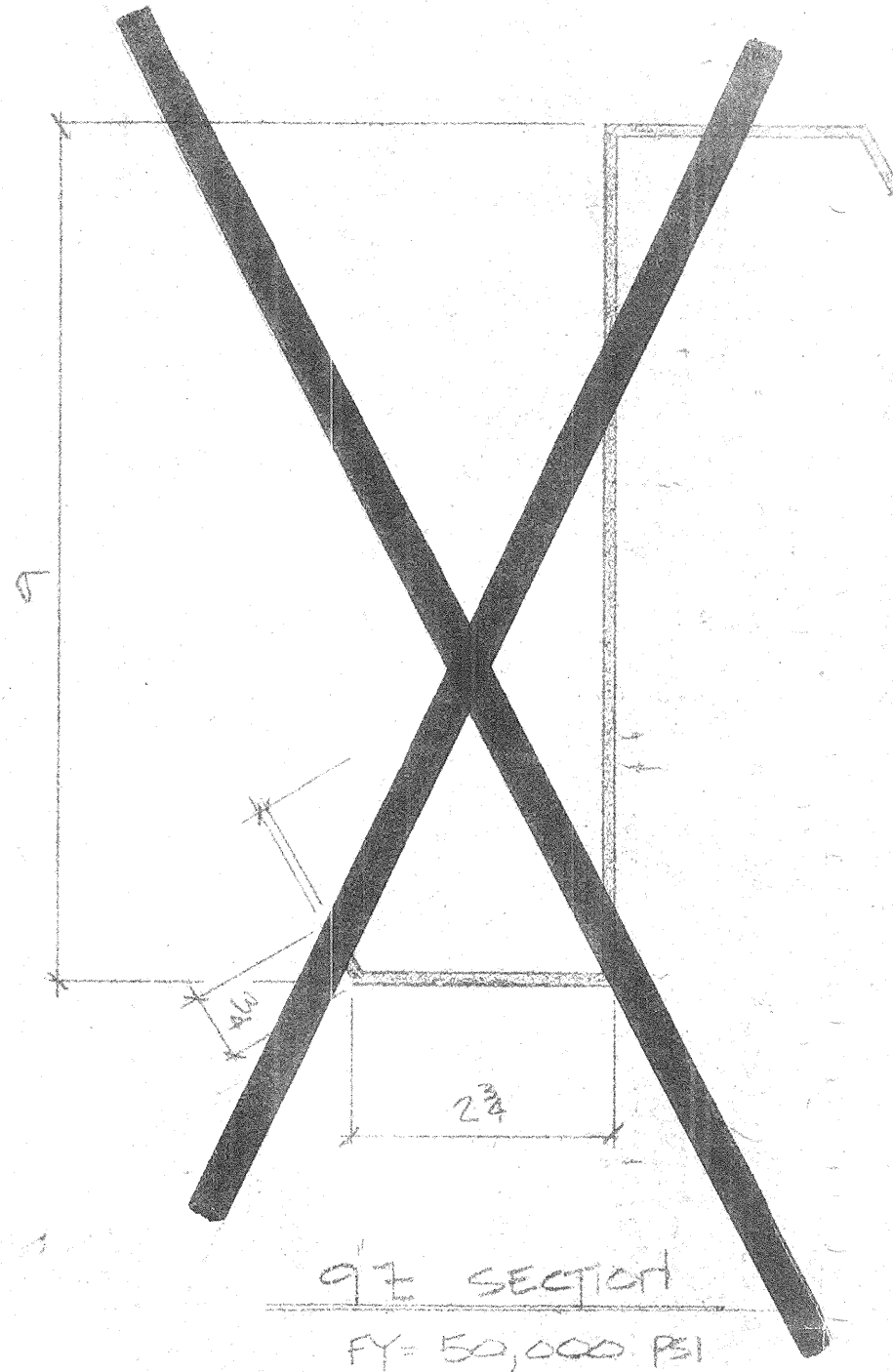




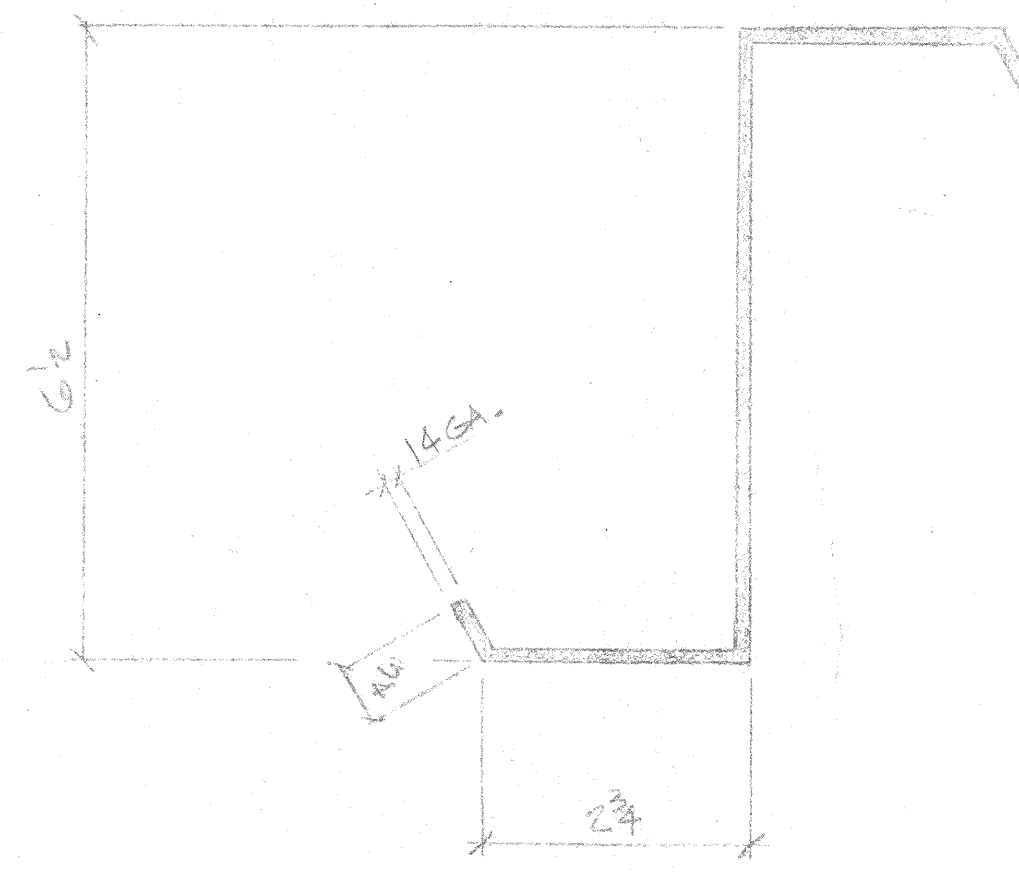
9" CEE SECTION  
FY = 50,000 PSI



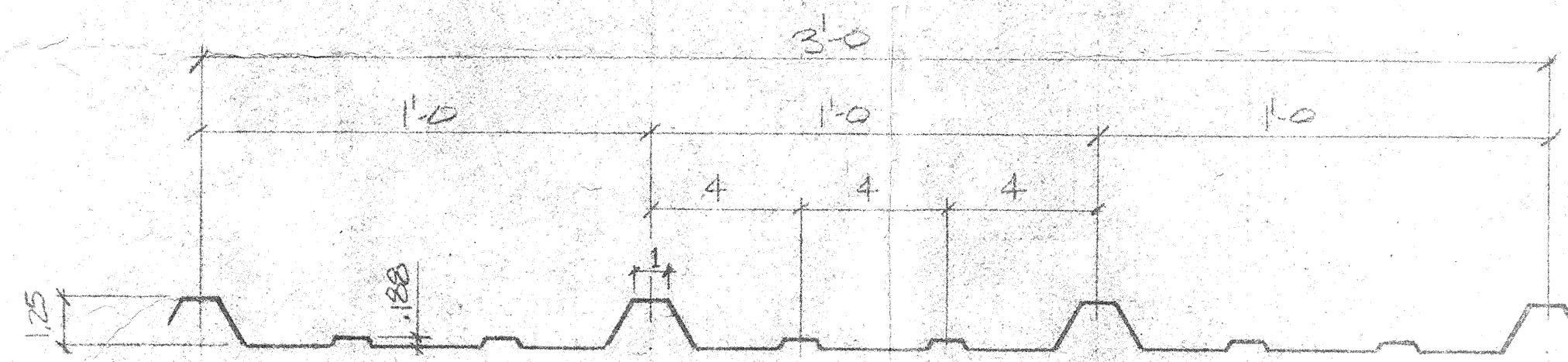
8" CEE SECTION  
FY = 50,000 PSI



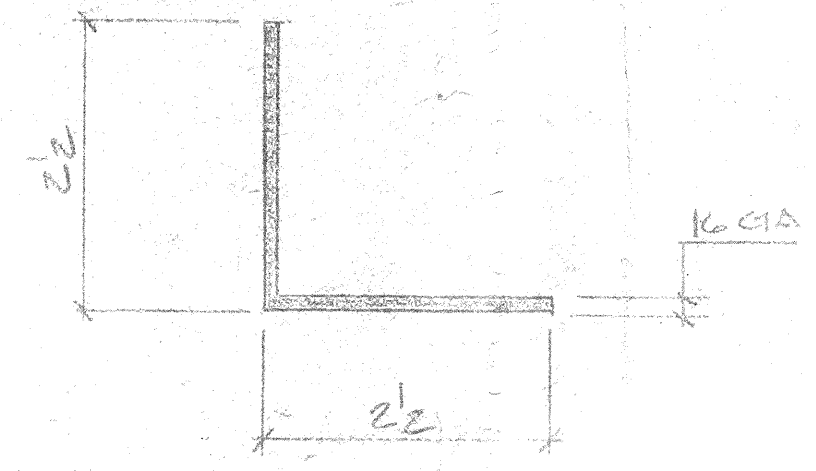
9" E SECTION  
FY = 50,000 PSI



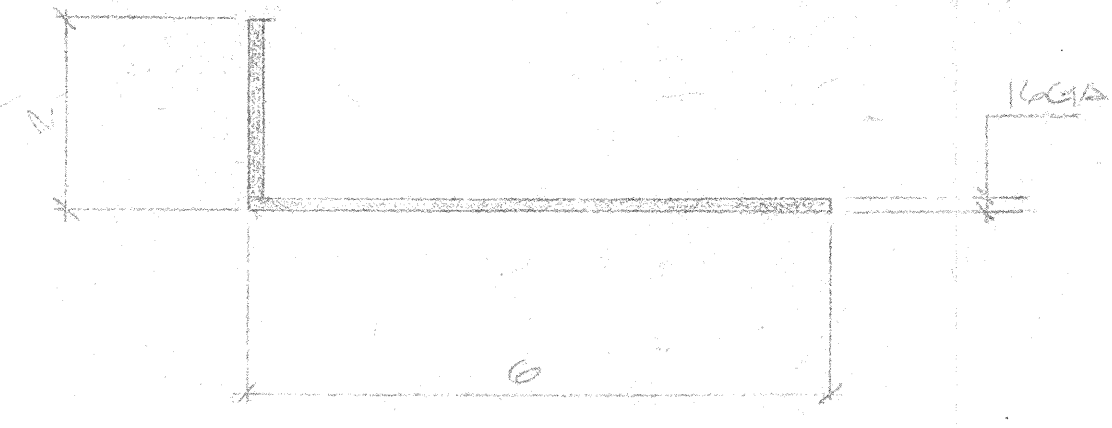
6 1/2" E SECTION  
FY = 50,000 PSI



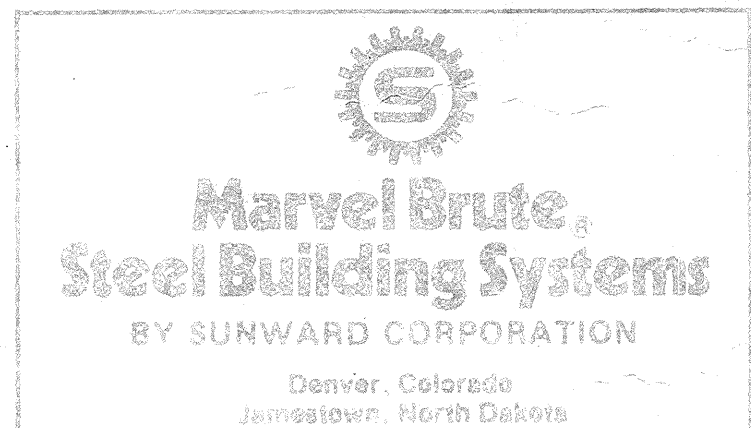
TYPICAL ROOF & WALL PANEL  
FY = 50,000 PSI



BASE ANGLE  
FY = 35,000 PSI



SHEETING ANGLE  
FY = 50,000 PSI



REV.	DESCRIPTION	BY	DATE	CUSTOMER	DRAWN BY
				TERRY TEIGEN	DB
	PROJECT REF: CHRT/PANEL - PANEL DETAILS				DATE: 10/13/81
	PANEL DESCR: 60 x 80 x 12				NO. 1
	JOB SITE: TUTUNGA, CA				DATE: 10/13/81
	DESIGNER: SOLL, ZOWIL (NO SCALE NONE)				FILE
	PART NO: P-5-001512				NOV 17 1981