

U.L. STANDARD 488B TYPING RECOMMENDATIONS

Table with columns for WIDE, HEIGHT, and TYPE (UPPERCASE, LOWERCASE, NUMBER, PUNCTUATION, SPACE, TAB, OTHER). Includes rows for 10/10 AMP, 10/10 AMP, 10/10 AMP, etc.

- 1) WHEN USING A TYPE WRITER TO TYPE THESE RECOMMENDATIONS...
2) WHEN USING A TYPE WRITER TO TYPE THESE RECOMMENDATIONS...
3) WHEN USING A TYPE WRITER TO TYPE THESE RECOMMENDATIONS...

ABBREVIATIONS

Table listing abbreviations for electrical symbols and their corresponding full names (e.g., AMP, CIRCULAR CONNECTOR, FUSE).

Table with columns for WIRE SIZE, WIRE TYPE, and WIRE COLOR. Lists various wire sizes and their corresponding types and colors.

Table titled 'WIRE TABLE 70-18' listing wire sizes (14, 12, 10, 8, 6, 4, 2) and their corresponding values for different wire types.

NOTES: 1. THESE TABLES ARE BASED ON THE ASSUMPTION THAT THE WIRE IS USED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE... 2. THE VALUES IN THESE TABLES ARE APPROXIMATE...

WIRE TABLES 70-19 AND 70-20 (PARTIAL) LISTED IN THESE TABLES ARE NOT TO BE USED FOR THE PURPOSES OF THE NATIONAL ELECTRICAL CODE...

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WIRE TABLES 70-19 AND 70-20 (PARTIAL) LISTED IN THESE TABLES ARE NOT TO BE USED FOR THE PURPOSES OF THE NATIONAL ELECTRICAL CODE...

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WIRE TABLES 70-19 AND 70-20 (PARTIAL) LISTED IN THESE TABLES ARE NOT TO BE USED FOR THE PURPOSES OF THE NATIONAL ELECTRICAL CODE...

GENERAL ELECTRICAL WORK

1. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE... 2. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE...

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ELECTRICAL SYMBOL LIST

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ELECTRICAL SYMBOL LIST (continued)

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FAITH COMMUNITY CHURCH logo and address: 355 D Street, Fillmore CA, 94901

FERRANTI ENGINEERING CONSULTING ELECTRICAL ENGINEERS logo and contact info: 12111 WILSON AVE, SUITE 250, HWT, OAK, CA, 93023

Stitch studio logo and contact info: Contact: Jorge Escamilla, Ventura, California 93009

E1.0 logo and permit information: PERMIT SUBMITTAL, CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE

STATE OF CALIFORNIA
INDOOR LIGHTING
CERTIFICATE OF COMPLIANCE
Project Name: FAITH COMMUNITY CHURCH
Date: 11/17/2015
DALE FERRANTI CONSULTING

STATE OF CALIFORNIA
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STATE OF CALIFORNIA
INDOOR LIGHTING
CERTIFICATE OF COMPLIANCE
Project Name: FAITH COMMUNITY CHURCH
Date: 11/19/2015
DALE FERRANTI CONSULTING

STATE OF CALIFORNIA
INDOOR LIGHTING - LIGHTING CONTROLS
CERTIFICATE OF COMPLIANCE
Project Name: FAITH COMMUNITY CHURCH
Date: 11/17/2015
DALE FERRANTI CONSULTING

STATE OF CALIFORNIA
INDOOR LIGHTING
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DALE FERRANTI CONSULTING

PERMIT SUBMITTAL
E1.2
FAITH COMMUNITY CHURCH
CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE
355 D Street, Fillmore CA,
INDOOR LIGHTING
FORBANS



Stitch studio
Contact: Jorge Escobedo
16887 Portoma Street
Van Nuys, CA 91411
Phone: 818.337.2781
Email: info@stitchstudio.com

INDOOR LIGHTING POWER ALLOWANCE
 CERTIFICATE OF COMPLIANCE
 FAITH COMMUNITY CHURCH

11/17/2015

ALLOWED LIGHTING POWER
 A. COMPLETE BUILDING METHOD (SEE SECTION 130.1.1) (This compliance form is for use on all building types.)

TYPE OF BUILDING (From Table 130.1.1)	WATTS PER SQ. FT.	COMPLETE BLDG. AREA	ALLOWED WATTS
Church	1.2	2,963	2,635

C-3 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES (C-2 plus C-3)

TYPE OF BUILDING (From Table 130.1.1)	WATTS PER SQ. FT.	COMPLETE BLDG. AREA	ALLOWED WATTS
Church	1.2	2,963	2,635

INDOOR LIGHTING POWER ALLOWANCE
 CERTIFICATE OF COMPLIANCE
 FAITH COMMUNITY CHURCH

11/17/2015

AREA CATEGORY METHOD GENERAL LIGHTING POWER ALLOWANCE
 A. COMPLETE BUILDING METHOD (SEE SECTION 130.1.1) (This compliance form is for use on all building types.)

LOCATION (From Table 130.1.1)	AREA (SQ. FT.)	WATTS PER SQ. FT.	ALLOWED WATTS
CLASSROOM	354	1.2	2,635
HALLWAY	110	0.7	77
ELECTRICAL MECH. ROOM	1,37	1.0	1,37
SUPPORT AREA	16	0.6	9
TOTAL	4,009		4,856

INDOOR LIGHTING POWER ALLOWANCE
 CERTIFICATE OF COMPLIANCE
 FAITH COMMUNITY CHURCH

11/17/2015

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I, **DALE FERRANTI**, Engineer, License No. **61782A**, State of California, hereby certify that I am a duly licensed Professional Engineer in the State of California. I have prepared this Declaration Statement in accordance with the California Code of Regulations, Title 24, Part 01, Section 010300, and I have read and understand the requirements of this Declaration Statement. I have prepared this Declaration Statement in accordance with the California Code of Regulations, Title 24, Part 01, Section 010300, and I have read and understand the requirements of this Declaration Statement. I have prepared this Declaration Statement in accordance with the California Code of Regulations, Title 24, Part 01, Section 010300, and I have read and understand the requirements of this Declaration Statement.

Signature: *DALE FERRANTI*
 Date: 11/19/2015
 Address: 1211 MARICOPA HWY., SUITE 250, OVAL, CA 93023
 Phone: (865) 705-4772

INDOOR LIGHTING - LIGHTING CONTROLS
 CERTIFICATE OF COMPLIANCE
 FAITH COMMUNITY CHURCH

11/17/2015

MANDATORY LIGHTING CONTROL STATEMENTS (Indicate if the measure applies by checking yes or no below.)

MANDATORY LIGHTING CONTROL STATEMENTS	YES	NO
1. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
2. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
3. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
4. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
5. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
6. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
7. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
8. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
9. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	
10. All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1.1.6.	X	

INDOOR LIGHTING POWER ALLOWANCE
 CERTIFICATE OF COMPLIANCE
 FAITH COMMUNITY CHURCH

11/17/2015

ADDITIONAL LIGHTING WATTAGE ALLOWANCE (From Table 130.1.1 C-3)

AREA CATEGORY	FUNCTION	AREA (SQ. FT.)	WATTS PER SQ. FT.	ALLOWED WATTS
CLASSROOM	CLASSROOM	354	1.2	2,635
HALLWAY	HALLWAY	110	0.7	77
ELECTRICAL MECH. ROOM	ELECTRICAL MECH. ROOM	1,37	1.0	1,37
SUPPORT AREA	SUPPORT AREA	16	0.6	9
TOTAL	TOTAL	4,009		4,856

INDOOR LIGHTING - LIGHTING CONTROLS
 CERTIFICATE OF COMPLIANCE
 FAITH COMMUNITY CHURCH

11/17/2015

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I, **DALE FERRANTI**, Engineer, License No. **61782A**, State of California, hereby certify that I am a duly licensed Professional Engineer in the State of California. I have prepared this Declaration Statement in accordance with the California Code of Regulations, Title 24, Part 01, Section 010300, and I have read and understand the requirements of this Declaration Statement. I have prepared this Declaration Statement in accordance with the California Code of Regulations, Title 24, Part 01, Section 010300, and I have read and understand the requirements of this Declaration Statement.

Signature: *DALE FERRANTI*
 Date: 11/19/2015
 Address: 1211 MARICOPA HWY., SUITE 250, OVAL, CA 93023
 Phone: (865) 705-4772

FERRANTI ENGINEERING CONSULTING
 ELECTRICAL ENGINEERS
 1211 MARICOPA HWY., SUITE 250
 OVAL, CA 93023
 DALE.FERRANTI@LIVE.COM

13081144
 11/19/2015
 CLOUGH
 D.FERRANTI

Project number
 Date
 Checked by



FAITH COMMUNITY CHURCH
 CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE
 355 D Street, Fillmore CA.
 INDOOR TITLE 24 LIGHTING FORMS

PERMIT SUBMITTAL
E1.3
 Scale
 AS NOTED

OUTDOOR LIGHTING POWER ALLOWANCES
 FAITH COMMUNITY CHURCH
 11/17/2015

C.1. ADDITIONAL 'USE IT OR LOSE IT' OUTDOOR LIGHTING POWER ALLOWANCES FOR SPECIFIC APPLICATIONS
 Did the additional outdoor lighting power allowance listed in the table above apply to the actual lighting power use?
 Did the outdoor lighting zone (LOZ) that is documented on page 1 of MSCLD-010-B to calculate the specific wattage allowance?

C.2. WATTAGE ALLOWANCE PER SQUARE FOOT OF SPECIFIC AREAS
 Emergency Vehicle Facilities, Drive-Up Windows, Vehicle Service Stations, Uncovered Fuel Dispenser
 Did all exterior zone luminaires listed in table 1 of MSCLD-010-B to calculate the specific wattage allowance?

A	B	C	D	E	SEASON WATTS								
					F	G	H	I	J				
Number of luminaire for each application in the lighting zone	Wattage per luminaire (Wattage per luminaire = Wattage per luminaire / luminaire efficiency)	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone

C.3. WATTAGE ALLOWANCE PER UNIT LENGTH (LENGTH) FROM TABLE 140.7-B
 Did all exterior zone luminaires listed in table 1 of MSCLD-010-B to calculate the specific wattage allowance?

A	B	C	D	E	SEASON WATTS							
					F	G	H	I	J			
Number of luminaire for each application in the lighting zone	Wattage per luminaire (Wattage per luminaire = Wattage per luminaire / luminaire efficiency)	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone

DATE: 11/17/2015

OUTDOOR LIGHTING POWER ALLOWANCES
 FAITH COMMUNITY CHURCH
 11/17/2015

C-3. WATTAGE ALLOWANCE PER SQUARE FOOT OF HARDWARE AREA (OVERHEAD LIGHTING) - TABLE 140.7-B
 Section 100.010.1 and 100.010.2 of the California Building Code (CBC) are amended to read as follows:
 100.010.1.1. Overhead lighting power allowance shall be based on the actual lighting power use.
 100.010.2.1. Overhead lighting power allowance shall be based on the actual lighting power use.

C-4. WATTAGE ALLOWANCE PER SQUARE FOOT OF SPECIFIC AREAS - TABLE 140.7-B
 Emergency Vehicle Facilities, Drive-Up Windows, Vehicle Service Stations, Uncovered Fuel Dispenser
 Did all exterior zone luminaires listed in table 1 of MSCLD-010-B to calculate the specific wattage allowance?

A	B	C	D	E	SEASON WATTS						
					F	G	H	I	J		
Number of luminaire for each application in the lighting zone	Wattage per luminaire (Wattage per luminaire = Wattage per luminaire / luminaire efficiency)	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone	Number of luminaire in the lighting zone

DATE: 11/17/2015

OUTDOOR LIGHTING POWER ALLOWANCES
 FAITH COMMUNITY CHURCH
 11/17/2015

RECORDING INFORMATION
 DATE: 11/17/2015
 DRAWN BY: DALE FERRANTI
 CHECKED BY: DALE FERRANTI

PROJECT INFORMATION
 PROJECT NAME: FAITH COMMUNITY CHURCH
 PROJECT ADDRESS: 1211 MARCOPIA HWY STE. 250
 CITY: OAKLAND, CA 94612
 PHONE: (908) 705-4772

DESIGNER INFORMATION
 DESIGNER: DALE FERRANTI
 ADDRESS: 1211 MARCOPIA HWY STE. 250
 CITY: OAKLAND, CA 94612
 PHONE: (908) 705-4772

PERMIT INFORMATION
 PERMIT NUMBER: 11/19/2015
 PERMIT DATE: 11/19/2015
 PERMIT OFFICE: 1211 MARCOPIA HWY STE. 250
 CITY: OAKLAND, CA 94612
 PHONE: (908) 705-4772

DATE: 11/17/2015

OUTDOOR LIGHTING POWER ALLOWANCES
 FAITH COMMUNITY CHURCH
 11/17/2015

A. OUTDOOR LIGHTING POWER ALLOWANCE SUMMARY

Area	Area (sq. ft.)	Power Density (W/sq. ft.)	Total Power (Watts)
Overall Area	3,328		3,328

B. GENERAL HARDWARE LIGHTING POWER ALLOWANCE FROM TABLE 140.7-A

Area	Area (sq. ft.)	Power Density (W/sq. ft.)	Total Power (Watts)
PARKING LOT, WALKWAY	27,036	0.090	2,433
Other		0.60	895
TOTAL			3,328

DATE: 11/17/2015

OUTDOOR LIGHTING POWER ALLOWANCES
 FAITH COMMUNITY CHURCH
 11/17/2015

A. OUTDOOR LIGHTING POWER ALLOWANCE SUMMARY

Area	Area (sq. ft.)	Power Density (W/sq. ft.)	Total Power (Watts)
Overall Area	3,328		3,328

B. GENERAL HARDWARE LIGHTING POWER ALLOWANCE FROM TABLE 140.7-A

Area	Area (sq. ft.)	Power Density (W/sq. ft.)	Total Power (Watts)
PARKING LOT, WALKWAY	27,036	0.090	2,433
Other		0.60	895
TOTAL			3,328

DATE: 11/17/2015

OUTDOOR LIGHTING CONTROLS
 FAITH COMMUNITY CHURCH
 11/17/2015

RECORDING INFORMATION
 DATE: 11/17/2015
 DRAWN BY: DALE FERRANTI
 CHECKED BY: DALE FERRANTI

PROJECT INFORMATION
 PROJECT NAME: FAITH COMMUNITY CHURCH
 PROJECT ADDRESS: 1211 MARCOPIA HWY STE. 250
 CITY: OAKLAND, CA 94612
 PHONE: (908) 705-4772

DESIGNER INFORMATION
 DESIGNER: DALE FERRANTI
 ADDRESS: 1211 MARCOPIA HWY STE. 250
 CITY: OAKLAND, CA 94612
 PHONE: (908) 705-4772

PERMIT INFORMATION
 PERMIT NUMBER: 11/19/2015
 PERMIT DATE: 11/19/2015
 PERMIT OFFICE: 1211 MARCOPIA HWY STE. 250
 CITY: OAKLAND, CA 94612
 PHONE: (908) 705-4772

DATE: 11/17/2015

No.	Description	Date

Project number: 10391444
 Drawn by: G.GARCIA
 Checked by: D.FERRANTI

FERRANTI ENGINEERING
 CONSULTING ELECTRICAL ENGINEERS
 1211 MARCOPIA HWY, SUITE 250
 OAKLAND, CA 94612
 (908) 705-4772
 DALEFERRANTI@LIVE.COM



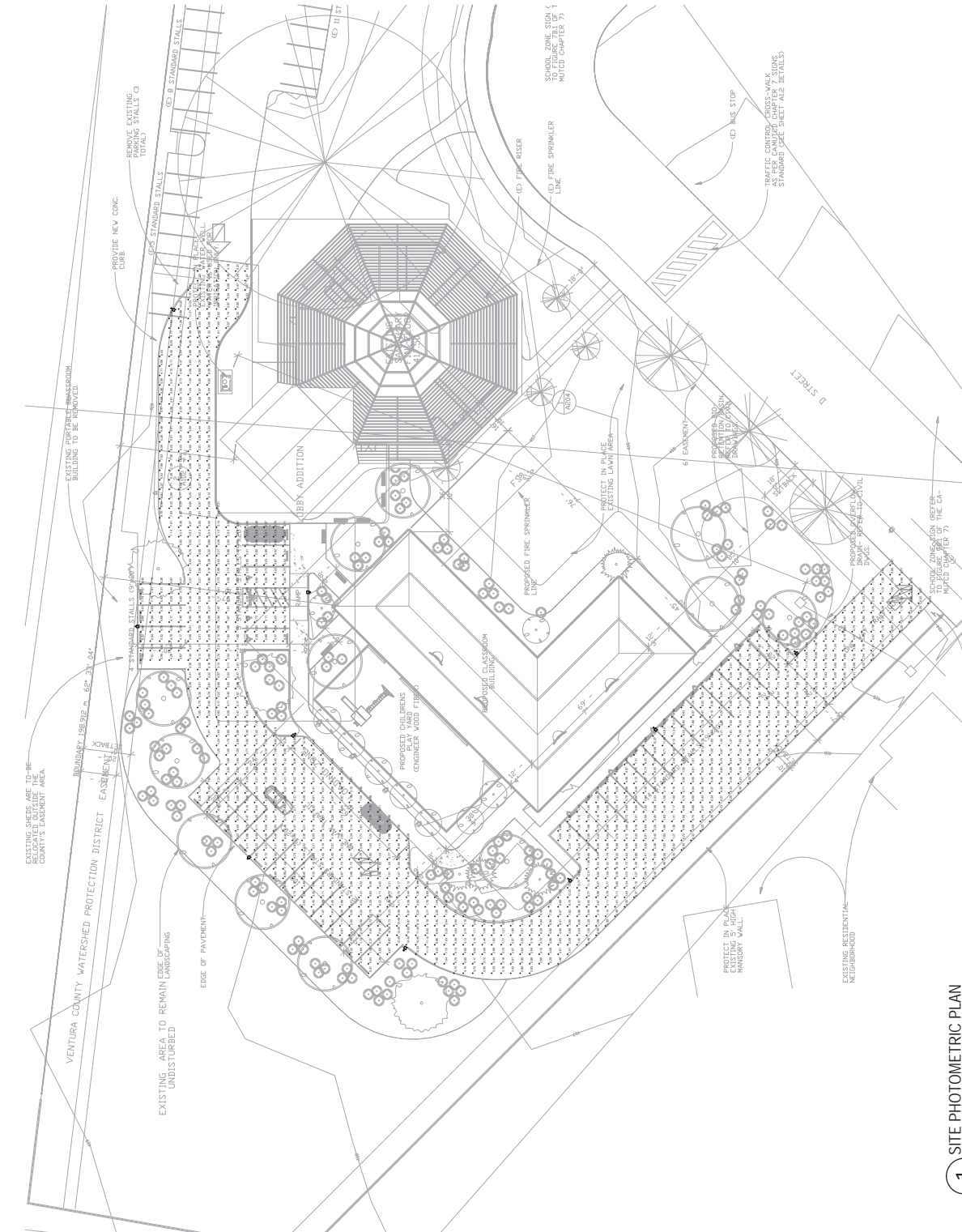
Stitch studio
 Contact: Jorge Escobedo
 6087 Pomona Street
 West Hollywood, CA 90069
 Email: info@stitchdesign.com

FAITH COMMUNITY CHURCH
 CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE
 355 D Street, Fillmore CA.
 OUTDOOR TILE & LIGHTING FORMS

PERMIT SUBMITTAL
E1.5
 AS NOTED

SHEET NOTES

1. VERIFY ALL PERMITS, ORDINANCES, STANDARDS, AND REGULATIONS BEFORE CONSTRUCTION. CONTRACTOR SHALL VERIFY ALL PERMITS AND STANDARDS BEFORE CONSTRUCTION.
2. VERIFY ALL PERMITS, ORDINANCES, STANDARDS, AND REGULATIONS BEFORE CONSTRUCTION.
3. VERIFY ALL PERMITS, ORDINANCES, STANDARDS, AND REGULATIONS BEFORE CONSTRUCTION.
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15. VERIFY ALL PERMITS, ORDINANCES, STANDARDS, AND REGULATIONS BEFORE CONSTRUCTION.
16. VERIFY ALL PERMITS, ORDINANCES, STANDARDS, AND REGULATIONS BEFORE CONSTRUCTION.
17. VERIFY ALL PERMITS, ORDINANCES, STANDARDS, AND REGULATIONS BEFORE CONSTRUCTION.



LUMINAIRE SCHEDULE

Symbol	Label	Qty	Category Number	Description	Lamp	Fixture	Lumens	LF	Watt
□	1	4	BCP-100A-RB	BCP100M	(1) 300W ARMY OF 64 LED (DISTRIBUTION)	BCP-100A-RB	4800	100	100
□	2	6	BCP-100A-RB	BCP100M	(1) 300W ARMY OF 64 LED (DISTRIBUTION)	BCP-100A-RB	4800	100	100

STATISTICS

Description	Symbol	Qty	Min	Max	Min	Max	Height	Height
Parking Lot	+	3.8 LR	14.04%		0.23%	0.23%	0.23%	18.71

FERRANTI ENGINEERING
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OAKLAND, CA 94623
(510) 705-4772
DALEFERRANTI@LIVE.COM

1 SITE PHOTOMETRIC PLAN
1" = 20'

Project number: 130911.44
Date: 11/19/2015
Drawn by: G. GARCIA
Checked by: D. FERRANTI

Permit Submittal
E2.1
Scale: As Noted

FAITH COMMUNITY CHURCH
CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE
355 D Street, Fillmore CA.
SITE: PHOTO MERIC PLAN

Stitch studio
Creative: Jorge Escamilla
Ventura, California 93003
Email: stitchstudio@gmail.com

SHEET NOTES

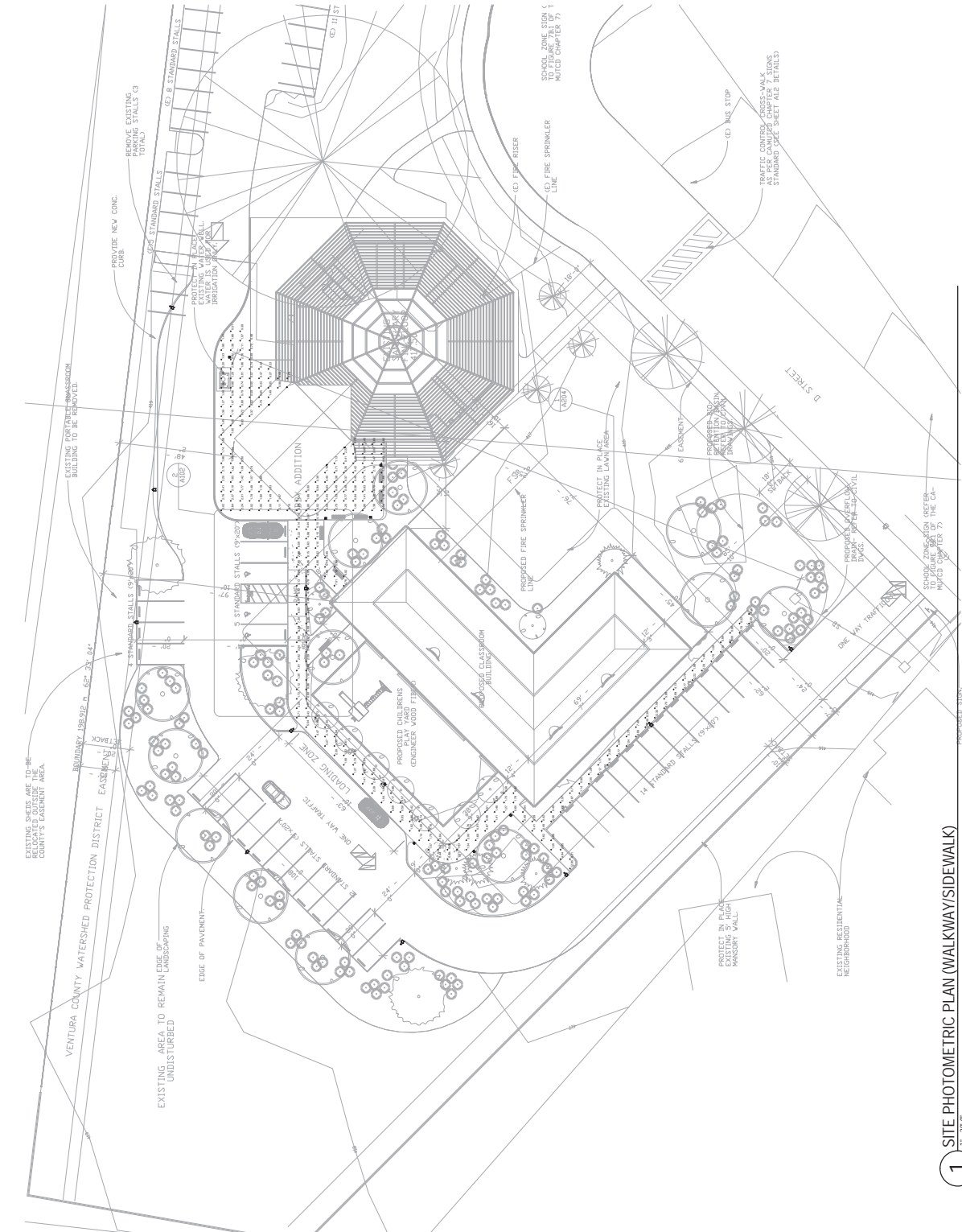
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF VENTURA.
2. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF VENTURA.
3. ALL MATERIALS SHALL BE NEW UNLESS OTHERWISE SPECIFIED AND SHALL BE OF THE HIGHEST QUALITY AVAILABLE.
4. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME AND SHALL BE SUBJECT TO THE CITY OF VENTURA'S SCHEDULE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF VENTURA.
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20. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME AND SHALL BE SUBJECT TO THE CITY OF VENTURA'S SCHEDULE.

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Category Number	Duration	Lamp	Height	Beam	LF	Watt
□	B15	4	ADJUSTABLE ATTACHED TO AN RISER, ROOM CLEARANCES	11.000	11.000	15.000	15.000	0.00	18.1
□	B10	4	ADJUSTABLE ATTACHED TO AN RISER, ROOM CLEARANCES	11.000	11.000	15.000	15.000	0.00	24.2
—	ST	4	ADJUSTABLE ATTACHED TO AN RISER, ROOM CLEARANCES	11.000	11.000	15.000	15.000	0.00	4.06

STATISTICS

Description	Symbol	Avg	Min	Max	Height	Watt
Car2:Area42	+	2.99	1.8886	0.0210	0.0811	9.51



1 SITE PHOTOMETRIC PLAN (WALKWAY/SIDEWALK)
1" = 20'

PERMIT SUBMITTAL

E2.2

FAITH COMMUNITY CHURCH
CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE
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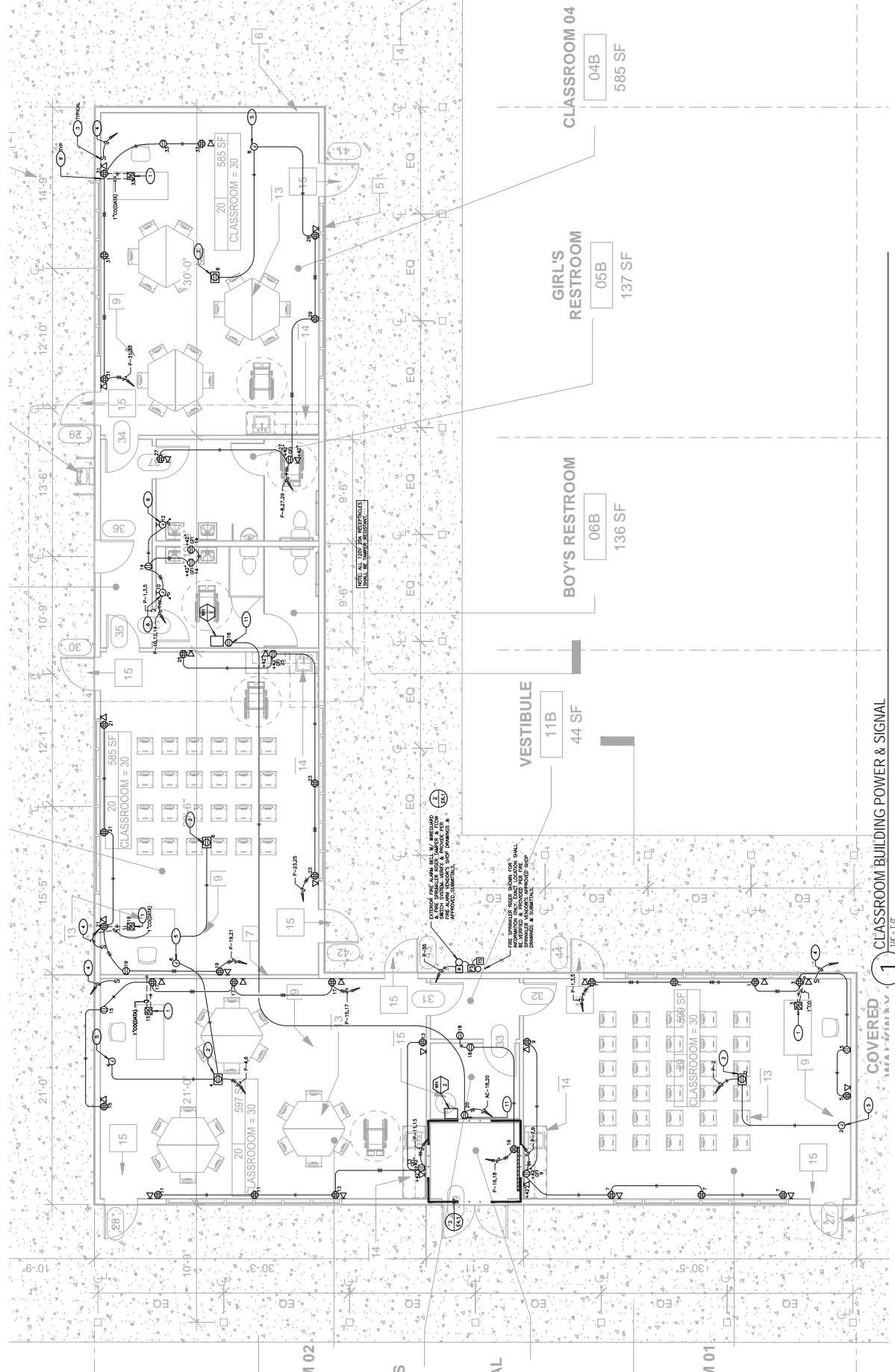
Project number: 130911.44
Date: 11/19/2015
Drawn by: G. GARCIA
Checked by: D. FERRANTI

No.	Description	Date

Scale: AS NOTED

- POWER SHEET NOTES**
1. CONDUCTOR SHALL VERIFY LOCATION & REQUIREMENTS PRIOR TO ANY FIELDWORK, INCLUDING AND FINISH.
 2. CONDUCTOR SHALL VERIFY LOCATION & REQUIREMENTS PRIOR TO ANY FIELDWORK, INCLUDING AND FINISH.
 3. CONDUCTOR SHALL VERIFY LOCATION & REQUIREMENTS PRIOR TO ANY FIELDWORK, INCLUDING AND FINISH.
 4. CONDUCTOR SHALL VERIFY LOCATION & REQUIREMENTS PRIOR TO ANY FIELDWORK, INCLUDING AND FINISH.
 5. 3/4" CONDUIT MINIMUM SIZE.
 6. PROVIDE SCHEDULED EQUIPMENT (INCLUDING CONDUITORS) FOR ALL ROOMS.
 7. PROVIDE SCHEDULED EQUIPMENT (INCLUDING CONDUITORS) FOR ALL ROOMS.
 8. PROVIDE SCHEDULED EQUIPMENT (INCLUDING CONDUITORS) FOR ALL ROOMS.
 9. PROVIDE SCHEDULED EQUIPMENT (INCLUDING CONDUITORS) FOR ALL ROOMS.
 10. ALL PENETRATIONS THROUGH FLOOR SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 11. WORKING HEIGHT OF ALL RECEPTABLES AT COUNTER SHALL BE 48" UNLESS OTHERWISE NOTED.
 12. PROVIDE GFCI TYPE RECEPTABLE WITHIN 6 FEET OF ANY SINK, UNLESS OTHERWISE NOTED.
 13. DESIGNATED RECEPTABLE SHALL BE RUN WITH 120V, 15A & 20A BRANCH CIRCUIT.

- KEY NOTES**
1. PROVIDE ALL ELECTRICAL WORK AS SHOWN ON ALL SHEETS.
 2. PROVIDE ALL ELECTRICAL WORK AS SHOWN ON ALL SHEETS.
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 18. PROVIDE ALL ELECTRICAL WORK AS SHOWN ON ALL SHEETS.
 19. PROVIDE ALL ELECTRICAL WORK AS SHOWN ON ALL SHEETS.
 20. PROVIDE ALL ELECTRICAL WORK AS SHOWN ON ALL SHEETS.
 21. PROVIDE ALL ELECTRICAL WORK AS SHOWN ON ALL SHEETS.



PERMIT SUBMITTAL

E4.0

Scale

AS NOTED

FAITH COMMUNITY CHURCH

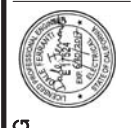
CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE

355 D Street, Fillmore CA.

CLASSROOM POWER & SIGNAL PLAN

Stitch studio

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Project number
130911.44

Date
11/19/2015

Drawn by
G. GARCIA

Checked by
D. FERRANTI

No.	Description	Date

MECHANICAL PLAN SHEET NOTES

1. FIELD VERIFY MECHANICAL EQUIPMENT LOCATION.
2. FIELD VERIFY MECHANICAL EQUIPMENT LOCATION.
3. THE LOCATION OF ALL ROOF PENETRATIONS SHALL BE IDENTIFIED ON THIS PLAN.
4. ROOF PENETRATIONS SHALL BE IDENTIFIED ON THIS PLAN.
5. THE FINAL CONNECTIONS TO EQUIPMENT SHALL BE IDENTIFIED ON THIS PLAN.
6. DEVICES IN ALL EXTERIOR AREAS SHALL BE IDENTIFIED ON THIS PLAN.
7. PROVIDE ALL DEVICES AND CONNECTIONS AS IDENTIFIED ON THIS PLAN.
8. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
9. CONTRACTOR SHALL VERIFY LOCATION, AND IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
10. CONTRACTOR SHALL VERIFY LOCATION, AND IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
11. EACH DISCONNECT OR SWITCH AND A SPACE SET AS IDENTIFIED ON THIS PLAN.
12. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
13. 3/4" CONDUIT MINIMUM SIZE.
14. CONDUCTORS IN ALL OCCUPIED SPACES SHALL BE IDENTIFIED ON THIS PLAN.
15. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.

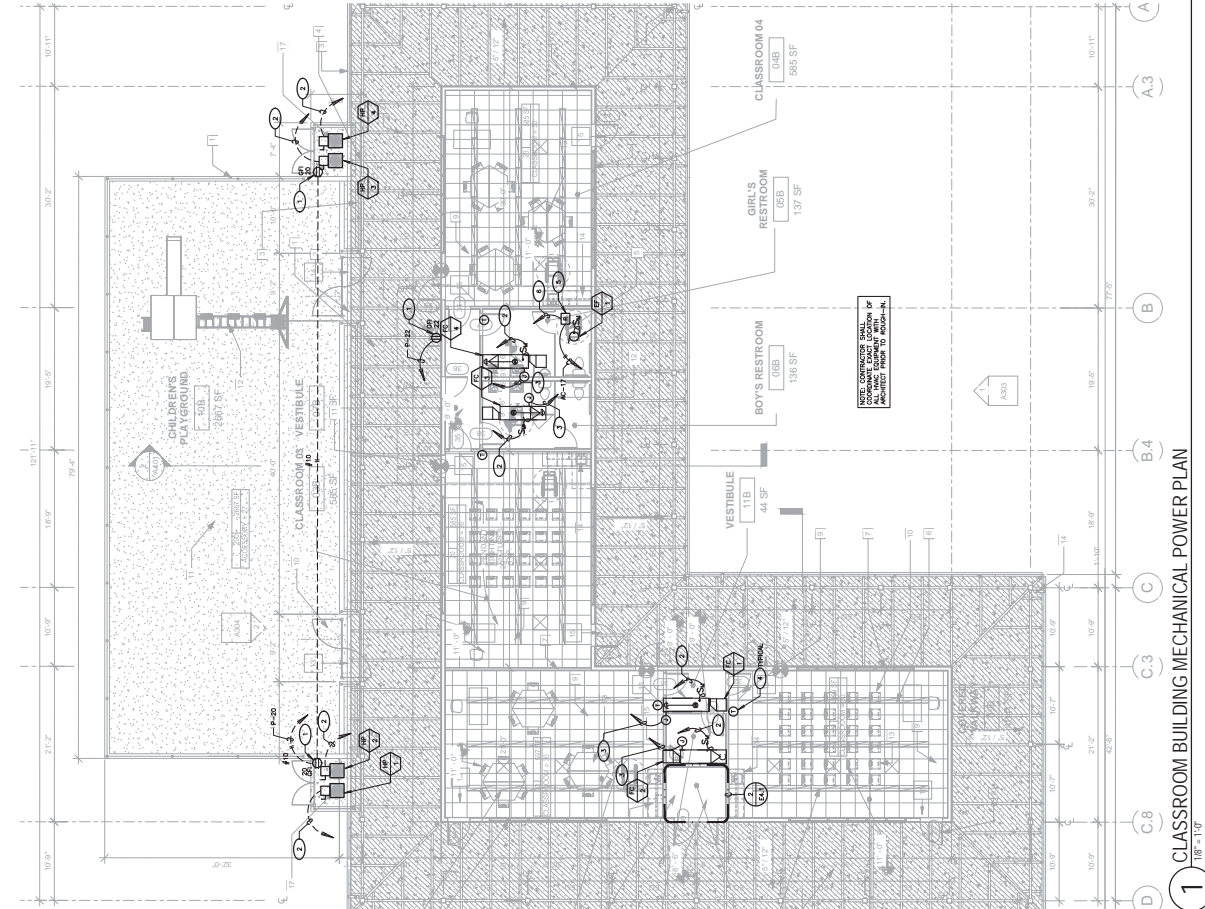
- KEY NOTES:**
- 1. PROVIDE ALL DEVICES AND CONNECTIONS AS IDENTIFIED ON THIS PLAN.
 - 2. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
 - 3. CONTRACTOR SHALL VERIFY LOCATION, AND IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
 - 4. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
 - 5. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
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 - 9. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
 - 10. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
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 - 13. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
 - 14. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
 - 15. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.

ELECTRICAL SCHEDULE FOR MECHANICAL EQUIPMENT

TAG #	DESCRIPTION	H.P.	MCA	MOCF	VOLTAJE	PHASE	NEMA 3R SIZE	DISCONNECT	RECOMMENDED FUSE SIZE	REMARKS	PANEL/CIRCUIT NO.	FEEDER
10	SHF HEAT PUMP UNIT	---	19	30	240	1	NEMA 3R 30A	---	---	---	AC-2.4	1" 2#10 & 1#10 GND
11	SHF HEAT PUMP UNIT	---	19	30	240	1	NEMA 3R 30A	---	---	---	AC-6.8	1" 2#10 & 1#10 GND
12	SHF HEAT PUMP UNIT	---	19	30	240	1	NEMA 3R 30A	---	---	---	AC-1.3	1" 2#10 & 1#10 GND
13	SHF HEAT PUMP UNIT	---	19	30	240	1	NEMA 3R 30A	---	---	---	AC-5.7	1" 2#10 & 1#10 GND
14	FAN COIL	1/2	---	15	240	1	MOTOR	---	---	---	AC-10.12	3/4" 2#12 & 1#12 GND
15	FAN COIL	1/2	---	15	240	1	MOTOR	---	---	---	AC-14.16	3/4" 2#12 & 1#12 GND
16	FAN COIL	1/2	---	15	240	1	MOTOR	---	---	---	AC-9.11	3/4" 2#12 & 1#12 GND
17	FAN COIL	1/2	---	15	240	1	MOTOR	---	---	---	AC-13.15	3/4" 2#12 & 1#12 GND
18	RAISED RATED SWITCH	---	---	---	---	---	---	---	---	325W	---	---
19	SHF HEAT PUMP UNIT	---	19	30	240	1	NEMA 3R 30A	---	---	---	A-25.27	1" 2#10 & 1#10 GND
20	SHF HEAT PUMP UNIT	---	19	30	240	1	NEMA 3R 30A	---	---	---	A-29.31	1" 2#10 & 1#10 GND
21	FAN COIL	1/2	---	15	240	1	MOTOR	---	---	---	A-33.35	3/4" 2#12 & 1#12 GND
22	FAN COIL	1/2	---	15	240	1	MOTOR	---	---	---	A-37.35	3/4" 2#12 & 1#12 GND

ELECTRICAL SCHEDULE FOR MECHANICAL EQUIPMENT KEY NOTES:

- 1. PROVIDE ALL DEVICES AND CONNECTIONS AS IDENTIFIED ON THIS PLAN.
- 2. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
- 3. CONTRACTOR SHALL VERIFY LOCATION, AND IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
- 4. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
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- 13. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
- 14. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.
- 15. IDENTIFY ON MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SUBMITTALS.



PERMIT SUBMITTAL

E4.2

CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE

355 D Street, Fillmore CA.

CLASSROOM BUILDING MECHANICAL POWER PLAN

Scale

AS NOTED

Stitch studio

Contract: Jorge Escamilla
Ventura, California 93003
Email: sstitchstudio@gmail.com

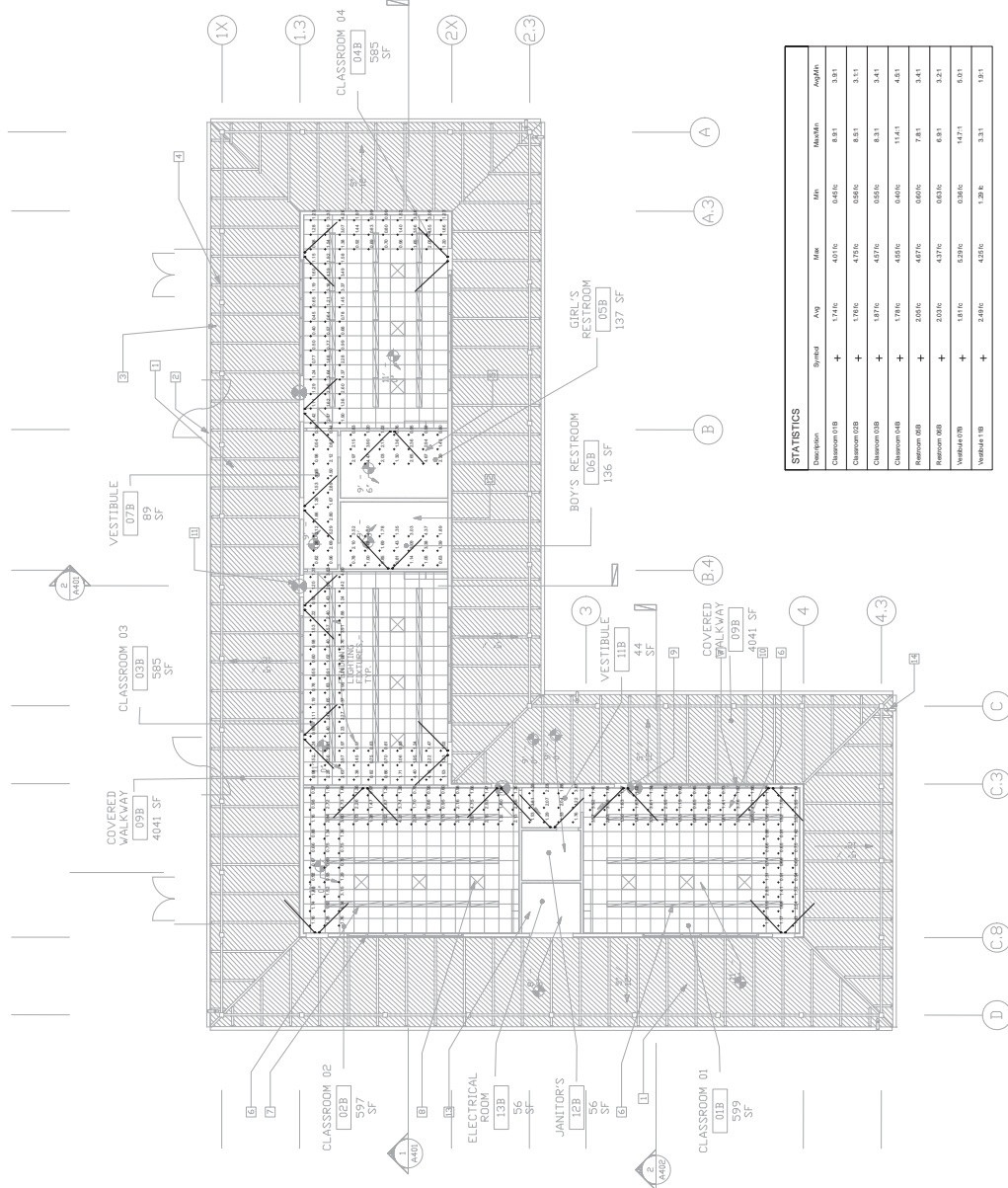
FERRANTI ENGINEERING

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(805) 705-4772
DALEFERRANTI@LIVE.COM

130911.44
11/19/2015
G. GARCIA
D. FERRANTI

Project number
Date
Drawn by
Checked by

No.	Description	Date



1 CLASSROOM BUILDING PATH OF EGRESS PHOTOMETRIC PLAN

No.	Description	Date

130811.44
 11/16/2016
 C. GIORGI
 D. FERRANTI

Project number
 Date
 Checked by



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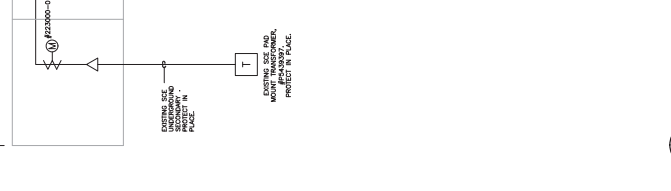
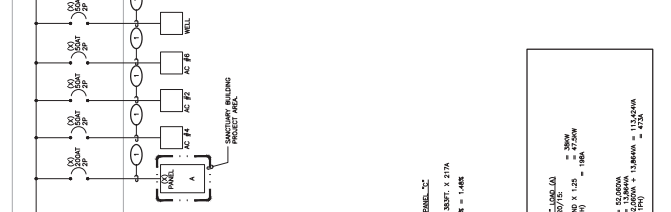
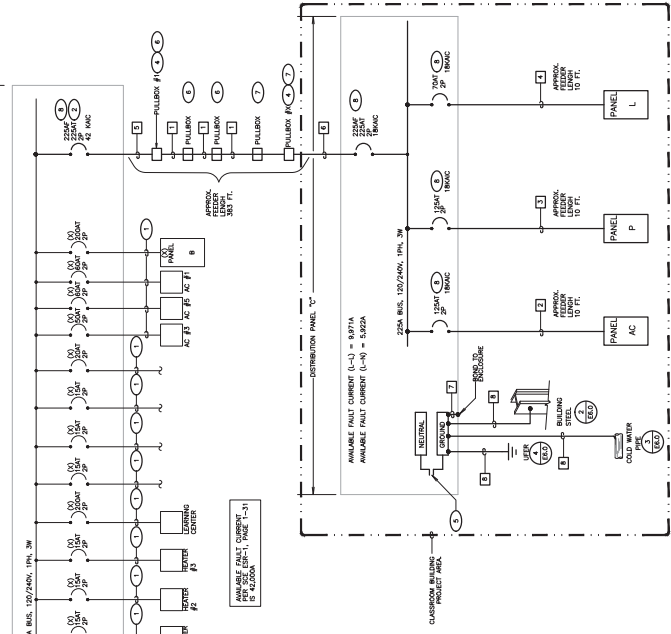
Stitch studio
 Contact: Jorge Escamilla
 4882 Porvira Street
 Woodland Hills, CA 91367-2081
 Email: info@stitchstudio.com

FAITH COMMUNITY CHURCH
 CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE
 355 D Street, Fillmore CA
 CLASSROOM BUILDING PART OF
 GROSS PHOTOGRAPHIC PLAN

PERMIT SUBMITTAL
E4.3
 Scale
 AS NOTED

SHEET NOTES

1. VERIFY LOCATION OF ALL BUILDINGS AND APPURTENANCES ON ARCHITECTURAL AND CIVIL PLANS.
2. PROVIDE ALL NECESSARY CONDUITS AND RACEWAYS FOR ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.
3. ALL CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS. ALL CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS.
4. ALL 90 DEGREE CONDUIT BENDS AND FITTINGS SHALL BE PVC COATED IRON STEEL.
5. PROVIDE ONE (1) USED EQUIPMENT GROUNDING CONDUCTOR PER EACH EQUIPMENT GROUNDING POINT.
6. 1" CONDUIT MINIMUM SCHEDULE.
7. COORDINATE WORK WITH OTHER TRADES, DESIGN PROFESSIONALS, ELECTRICAL, MECHANICAL, AND PLUMBING CONTRACTORS TO VERIFY THE LOCATION OF ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.
8. COORDINATE WORK WITH OTHER TRADES, DESIGN PROFESSIONALS, ELECTRICAL, MECHANICAL, AND PLUMBING CONTRACTORS TO VERIFY THE LOCATION OF ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.
9. FIELD CONDITIONS COVER DIMENSION AND NEW CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS.
10. ALL WIRE CONDUITS SHALL BE PROVIDED WITH THE FOLLOWING INFORMATION:
 - (a) TYPE OF CONDUIT
 - (b) SIZE OF CONDUIT
 - (c) LOCATION OF CONDUIT
 - (d) NUMBER OF CONDUITS
 - (e) TYPE OF WIRING
 - (f) FIELD TERMINATION POINT TO DETAIL.
11. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.
12. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.
13. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.
14. ALL CONDUITS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS.
15. PER SEC. 110.24, SERVICE EQUIPMENT SHALL BE AVAILABLE FAULT CURRENT. THE FIELD APPROVED CALCULATION WILL BE PROVIDED AND BE SUFFICIENT TO WITHSTAND THE ENVIRONMENT.
16. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.
17. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.
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30. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL DEVICES/CONDUITS ASSUMING RIGIDITY, AND FINISH.



FEDDER SCHEDULE

TAG	CONDUIT/CONDUCTOR	FROM	TO
D1	3" 3/4" EMT WITH 3600 WGA & 1# 1/2" O&G	PULLBOX #1	PULLBOX #2
D2	1"-1/2" PVC 3/4" & 1# 1/2" O&G	PANEL #1	PANEL #2
D3	1"-1/2" PVC 3/4" & 1# 1/2" O&G	PANEL C	PANEL P
D4	1" 3/4" EMT WITH 3600 WGA & 1# 1/2" O&G	PANEL C	PANEL L
D5	3" 3/4" EMT WITH 3600 WGA & 1# 1/2" O&G	WIR	PULLBOX #1
D6	3" 3/4" EMT WITH 3600 WGA & 1# 1/2" O&G	PULLBOX #1	PANEL C
D7	1# 1/2" O&G	---	---
D8	1" 3/4" EMT WITH 3600 WGA & 1# 1/2" O&G	---	---
D9	---	---	---
D10	---	---	---
D11	---	---	---
D12	---	---	---

LONG CALCULATION
 AVAILABLE FAULT CURRENT (A-F) = 8971A
 AVAILABLE FAULT CURRENT (A-N) = 5492A

LONG CALCULATION
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 AVAILABLE FAULT CURRENT (A-N) = 5492A

1 SINGLE LINE DIAGRAM
 SCALE: NOT TO SCALE

I.E.M. CONTACTS

ITEM	REMARKS	DATE
1	PAID	01/11/2015
2	PAID	01/11/2015

PERMIT SUBMITTAL
E5.0

FAITH COMMUNITY CHURCH
 CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE
 355 D Street, Fillmore CA.

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 Ventura, California 93003
 Email: jescamilla@stitch.com

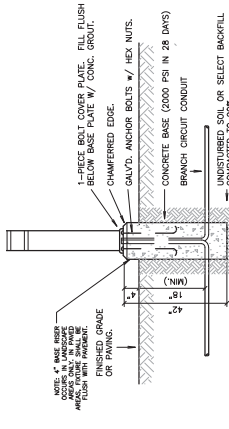


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Project number: 130011.44
 Date: 11/19/2015
 Drawn by: G. GARCIA
 Checked by: D. FERRANTI

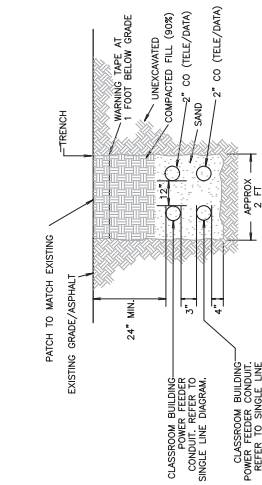
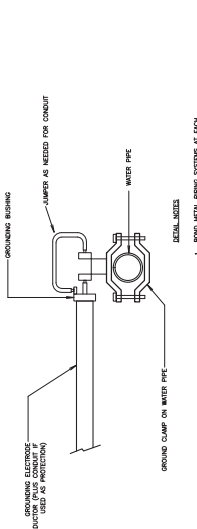
No.	Description	Date

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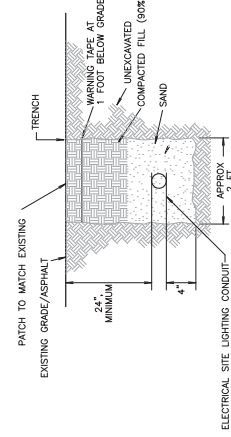


6 TYPICAL BOLLARD LIGHT MOUNTING DETAIL
NOT TO SCALE

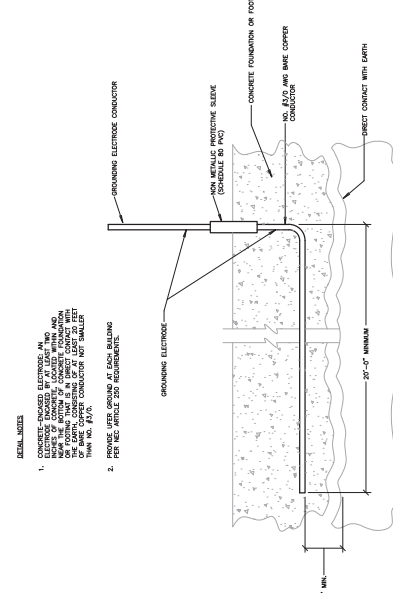
3 METAL PIPE GND
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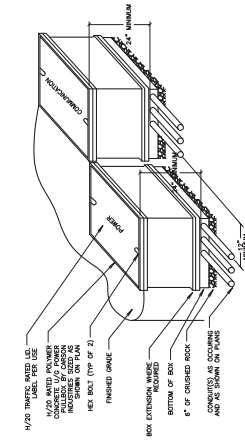
7 CLASSROOM BUILDING POWER & COMM TRENCH DETAIL
NOT TO SCALE



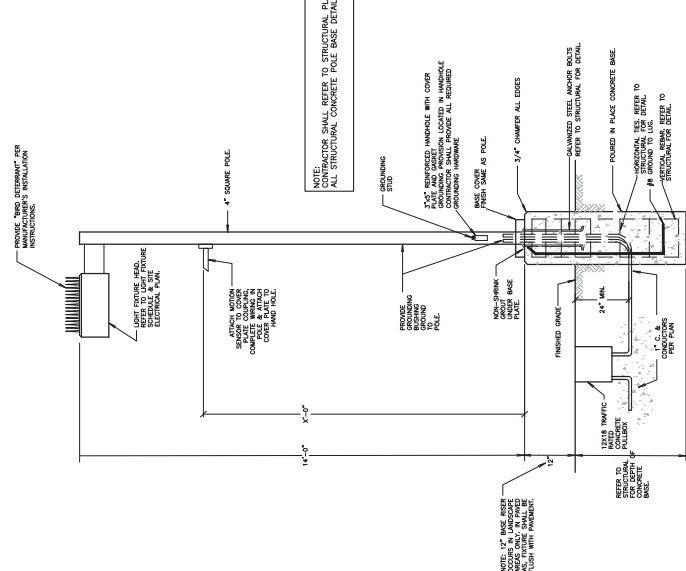
8 SITE LIGHTING ELECTRICAL TRENCH DETAIL
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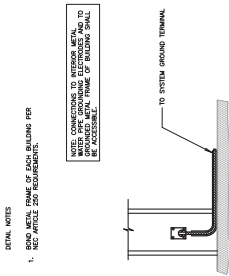
4 UFER GROUND DETAIL
NOT TO SCALE



5 TYPICAL PULL BOX DETAIL
SCALE: NOT TO SCALE



1 TYPICAL POLE LIGHT DETAIL
NOT TO SCALE



2 METAL FRAME GROUND
NOT TO SCALE

No.	DESCRIPTION	DATE

Project number
10891144
Drawn by
C. GARCIA
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CLASSROOM BUILDING - CONSTRUCTION DOCUMENT PHASE
355 D Street, Fillmore CA.

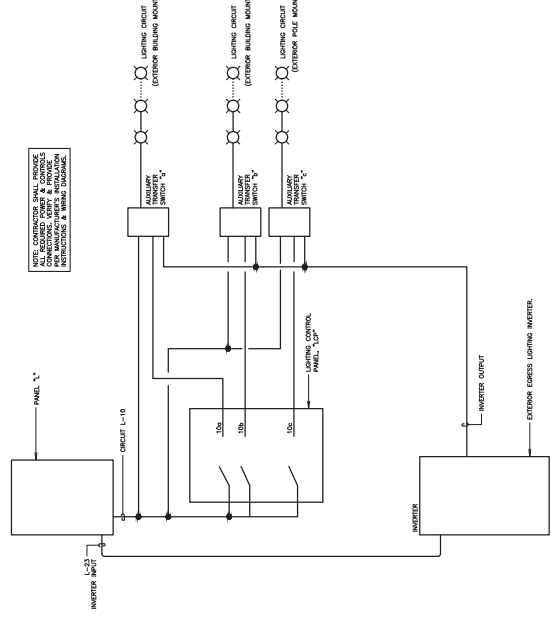
PERMIT SUBMITTAL
E6.0
SCALE
AS NOTED



EXISTING SPACE FOR NEW CLASSROOM BUILDING CIRCUIT BREAKER.

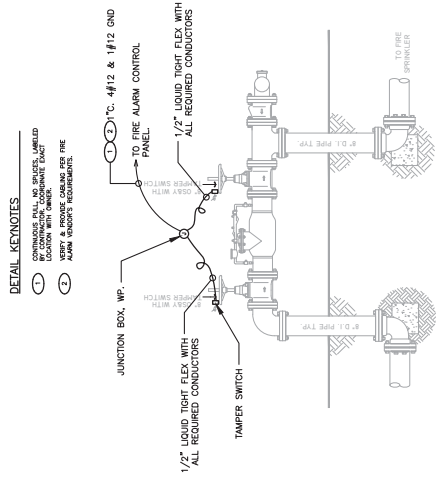
3 EXISTING MAIN SWITCH BOARD DISTRIBUTION

NOT TO SCALE



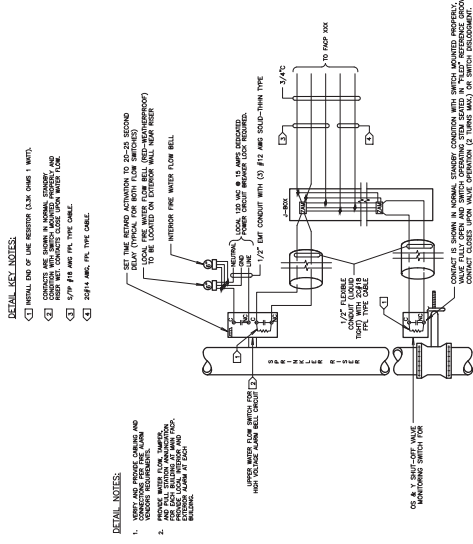
1 TYPICAL AUXILIARY SWITCHING DEVICE WIRING DIAGRAM

NOT TO SCALE



4 TYPICAL FIRE SPRINKLER BACKFLOW WIRING DIAGRAM

SCALE: NOT TO SCALE



2 SPRINKLER RISER WITH OSY VALVE WIRING DIAGRAM

SCALE: NOT TO SCALE

No.	DESCRIPTION	DATE

Project number: 19081144
 Drawn by: C. GARCIA
 Checked by: D. FERRANTI

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