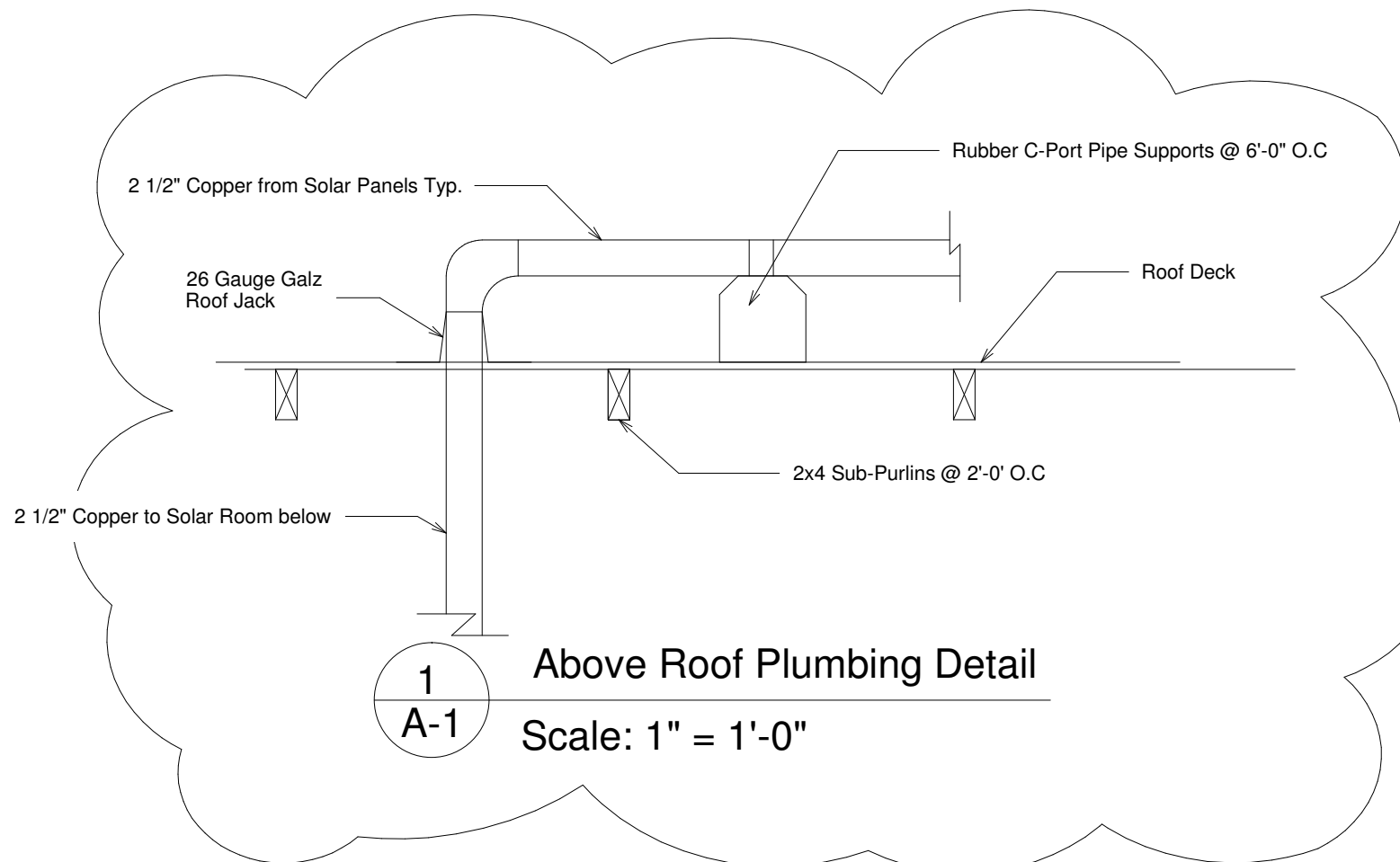
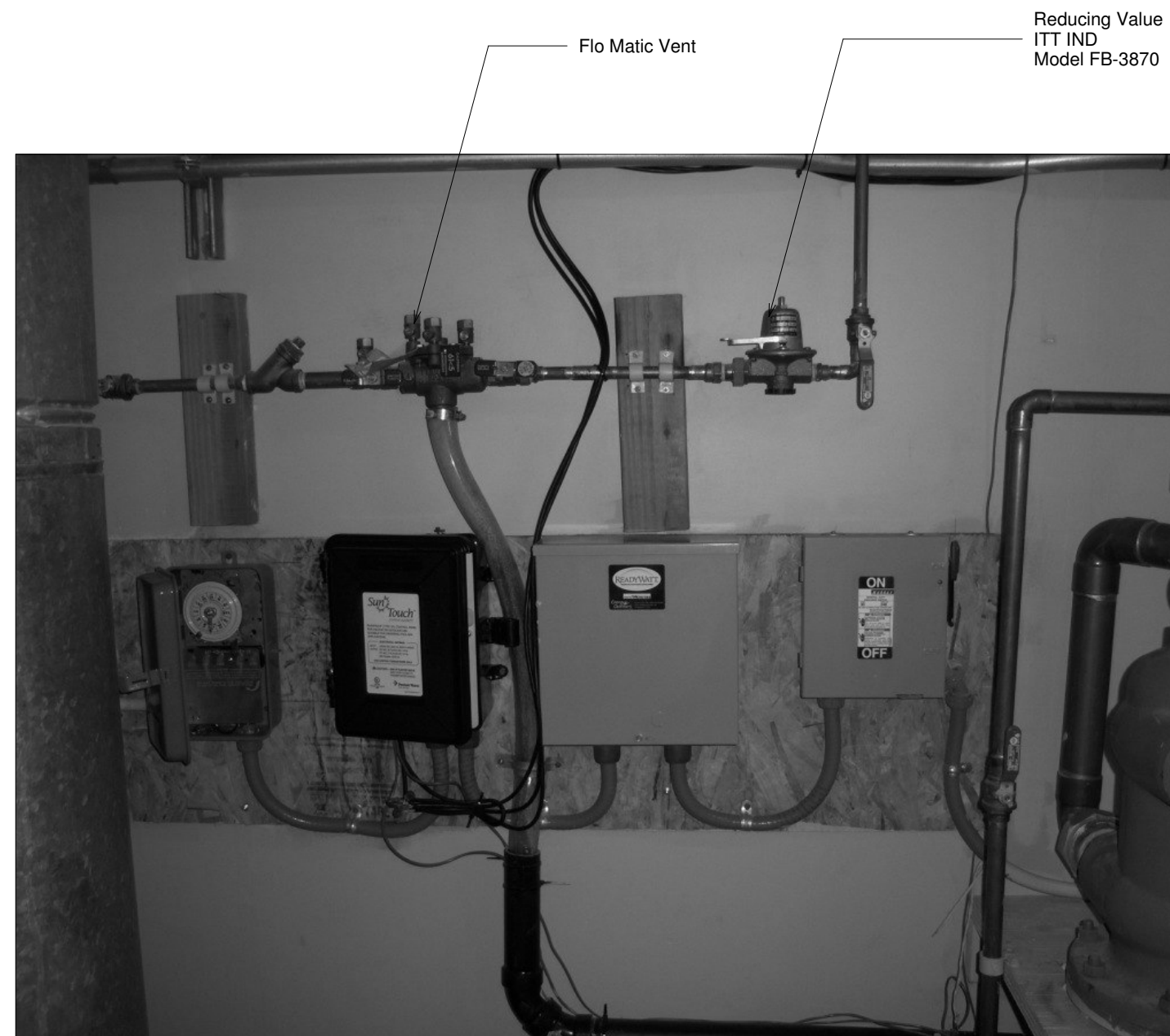


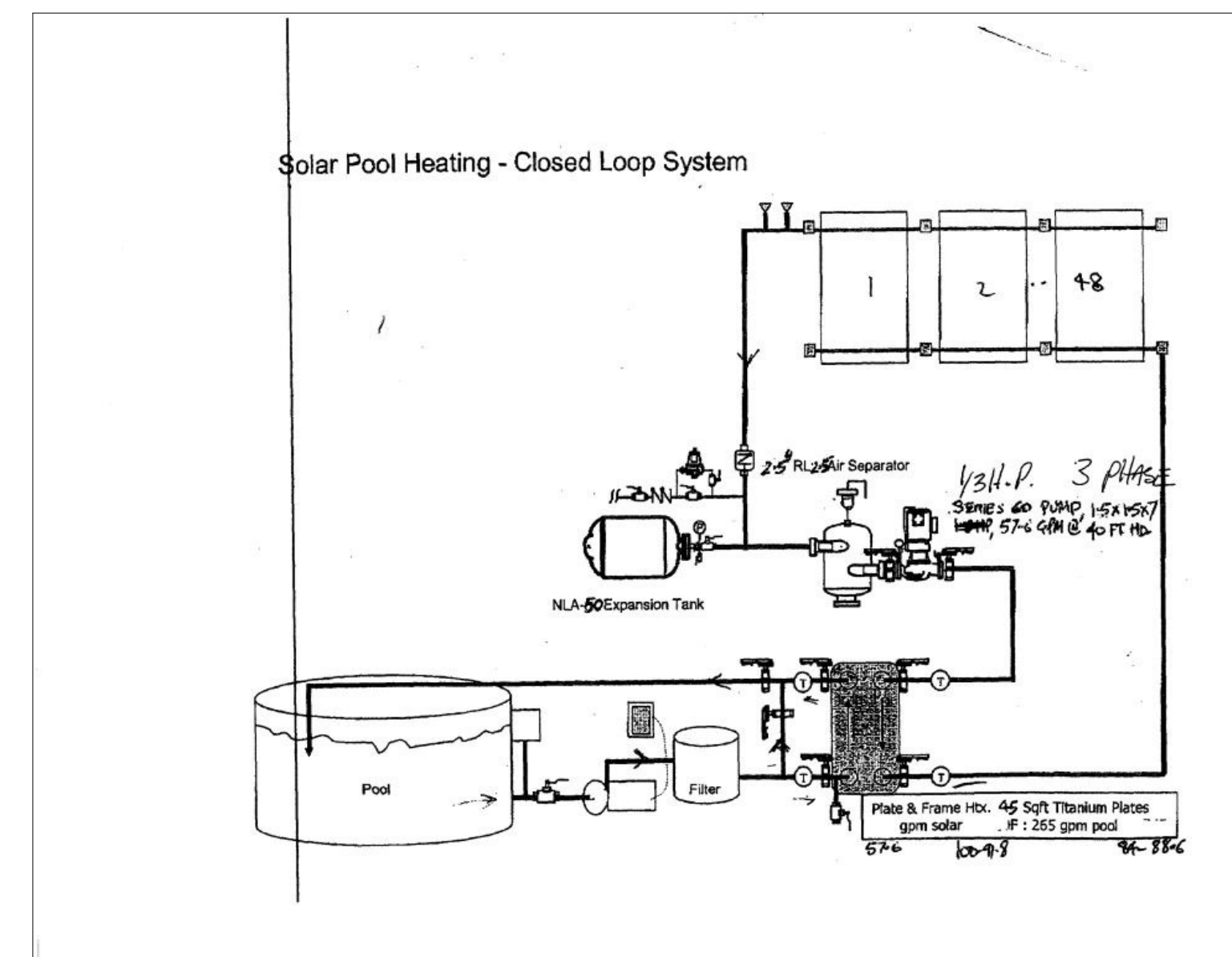
SOLAR ROOM



Above Roof Plumbing As-Built Photo

Bldg Data: Type V-H

Occupancy per CH. 3 Group A Div. 3/Group D
 City of Dublin April 18, 2006 per Meeting
 Owner to obtain Annual Assembly Permit
 No Fire Sprinklers required
 Posted 50 Occupants MAX- Per Cond. Of use Permit
 1 Hr Rated Equipment Room
 1 Story BLDG.
 Existing BLDG 10,832 sq ft
 New Solar Room 117 sq ft



SHEET INDEX

A-1	SOLAR ROOM FLOOR PLAN
A-1-1	(REFERENCE) SITE PLAN
A-2	EXTERIOR ELEVATIONS
E-1	ELECTRICAL PLAN
S-1	ROOF FRAMING PLAN

Solar Room Floor Plan
 Scale: 1" = 1'-0"

DATE	REVISIONS
8-29-08	Added Bldg Data, Above Roof plumbing

AMERICAN SWIM ACADEMY
 6948 SIERRA COURT, DUBLIN, CA 94568
SOLAR ROOM FLOOR PLAN

INFORMATION

OWNER NAME	MATT ALBERTI
OWNER MAILING ADDR:	6948 SIERRA COURT DUBLIN, CA 94568
OWNER PH.	Business: 530-268-2743 Cell: 510-714-8514
SITE ADDRESS	6948 SIERRA COURT DUBLIN, CA 94568
SITE APN	941-2756-5

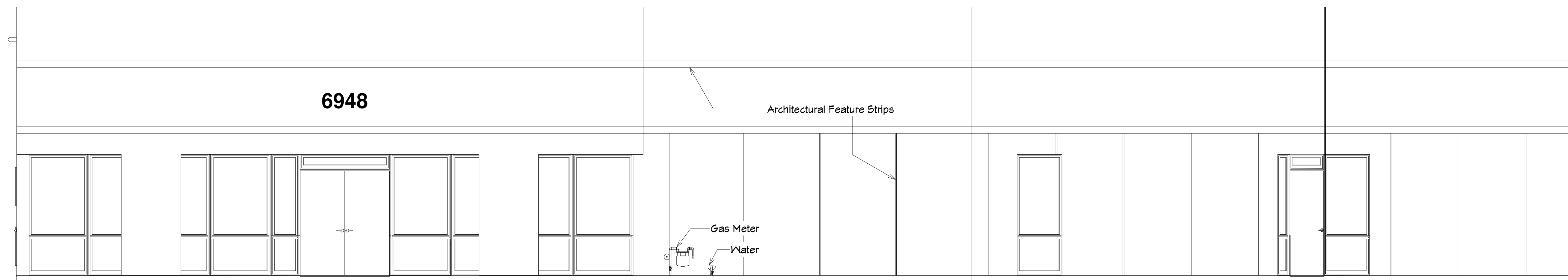
DATE	9-15-2008
DRAWN BY	Mark Sweeney DBA Sweeney Builders CSL #630896, 530.368.3640
SCALE	1" = 1'-0"
JOB NO.	1498

Solar Room Floor Plan

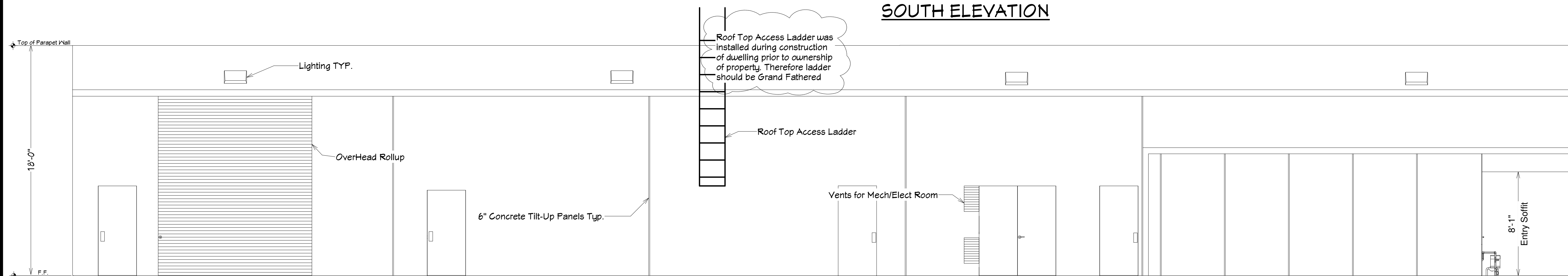
PAGE	A-1
SHEET	1 OF 5



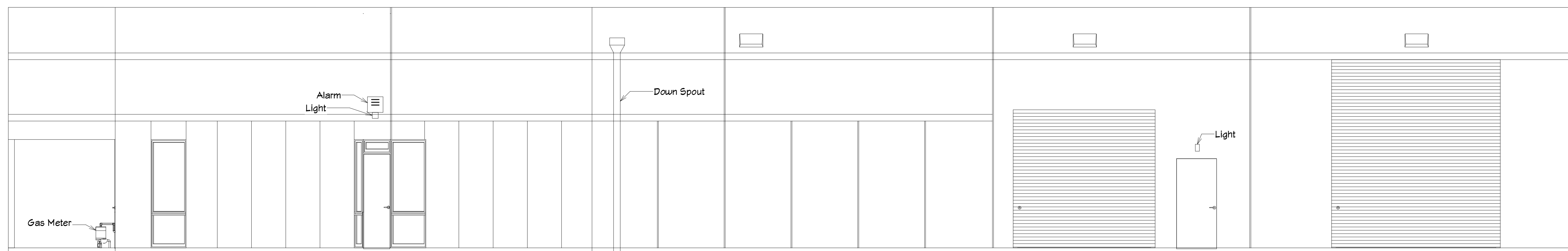
NORTH ELEVATION



SOUTH ELEVATION



WEST ELEVATION



EAST ELEVATION

Exterior Elevations

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

DATE	REVISIONS

AMERICAN SWIM ACADEMY

6948 SIERRA COURT, DUBLIN, CA 94568

EXTERIOR ELEVATIONS

INFORMATION	
OWNER NAME	MATT ALBERTI
OWNER MAILING ADDR:	6948 SIERRA COURT DUBLIN, CA 94568
OWNER PH.	Business: 530-268-2743 Cell: 510-714-8514
SITE ADDRESS	6948 SIERRA COURT DUBLIN, CA 94568
SITE APN	941-2756-5
DATE	9-15-2008
DRAWN BY	Mark Sweeney DBA Sweeney Builders CSL #630896, 530.368-3640
SCALE	1/4" = 1'-0"
JOB NO.	1498

EXTERIOR ELEVATIONS	
PAGE	3 OF 5
SHEET	A-2

PANEL M (E)		120 208 VOLTS PBASE		4 WIRE		60 BUS AMPS		
MIN. C.B. INTER. CAPACITY 14,000 AMPS 480V.		NEMA TYPE 1		MOUNTING		MAIN		
10,000 AMPS 208V.		LOAD CENTER PANELBOARD U.O.N.		SURFACE FLUSH		LUGS ONLY CIRC.BRKR. AMPERAGE		
PANEL TO HAVE TYPED CIRCUIT DIRECTORY								
CIRC NO.	LOAD DESCRIPTION AND LOCATION	LTD	BRKR	PHASE KVA LOADS			LOAD DESCRIPTION AND LOCATION	CIRC NO.
1	PUMP (E)		3 20	1 / 1.5			POOL HEATER (E)	2
3				1 / 1.5				4
5				1 / 1.5				6
7	PUMP (E)		3 20	1 / 0.2			NEW TIME CLOCK	NEW 8
9				1 / 0.2			NEW TIME CLOCK	NEW 10
11	PUMP, NEW		3 15	0.2 /			REC. SOLAR ROOM	NEW 12
13				0.2 /			SPACE	14
15				0.2 /				16
17				0.2 /				18
19								20
21								22
23								24
25								26
27								28
29								30
SUB TOTALS				3.9	3.9	3.9		
TOTAL CONNECTED LOADS				11.7 KVA			LCL 0	KVA 25% KVA AMP 32.5

PANEL A (E)		120 208 VOLTS PBASE		4 WIRE		200 BUS AMPS		
MIN. C.B. INTER. CAPACITY 14,000 AMPS 480V.		NEMA TYPE 1		MOUNTING		MAIN		
10,000 AMPS 208V.		LOAD CENTER PANELBOARD U.O.N.		SURFACE FLUSH		LUGS ONLY CIRC.BRKR. 200 AMPERAGE		
PANEL TO HAVE TYPED CIRCUIT DIRECTORY								
CIRC NO.	LOAD DESCRIPTION AND LOCATION	LTD	BRKR	PHASE KVA LOADS			LOAD DESCRIPTION AND LOCATION	CIRC NO.
1	PANEL M, SUBFEED		3 60	3.9 / 1.2			REC. TOILETS	2
5				3.9 / 1.2			REC. TOILETS OFF. HALL	4
7	LTS. POOL AREA		1 20	1.8 / .8			OFFICE AREAS	6
9	LTS. POOL AREA			1.8 / .2			PLAY AREA	10
11	EXITS AND EMER.						ROOF/WP/GFCI	12
13	RESTROOM + EF.			.9 /			SPACE	14
15	HALL, OFFICE, ELECT			.9 /				16
17	EXTERIOR SIDES			1.5 /				18
19	EXTERIOR, FRONT			1.5 /				20
21	SPACE							22
23								24
25				4.8 /			4 TON HVAC	26
27				4.8 /				28
29				4.8 /				30
31								32
33								34
35								36
37								38
39								40
41								42
SUB TOTALS				14.9	12.8	12.1		
TOTAL CONNECTED LOADS				39.8 KVA			LCL 0	KVA 25% KVA AMP 110.6

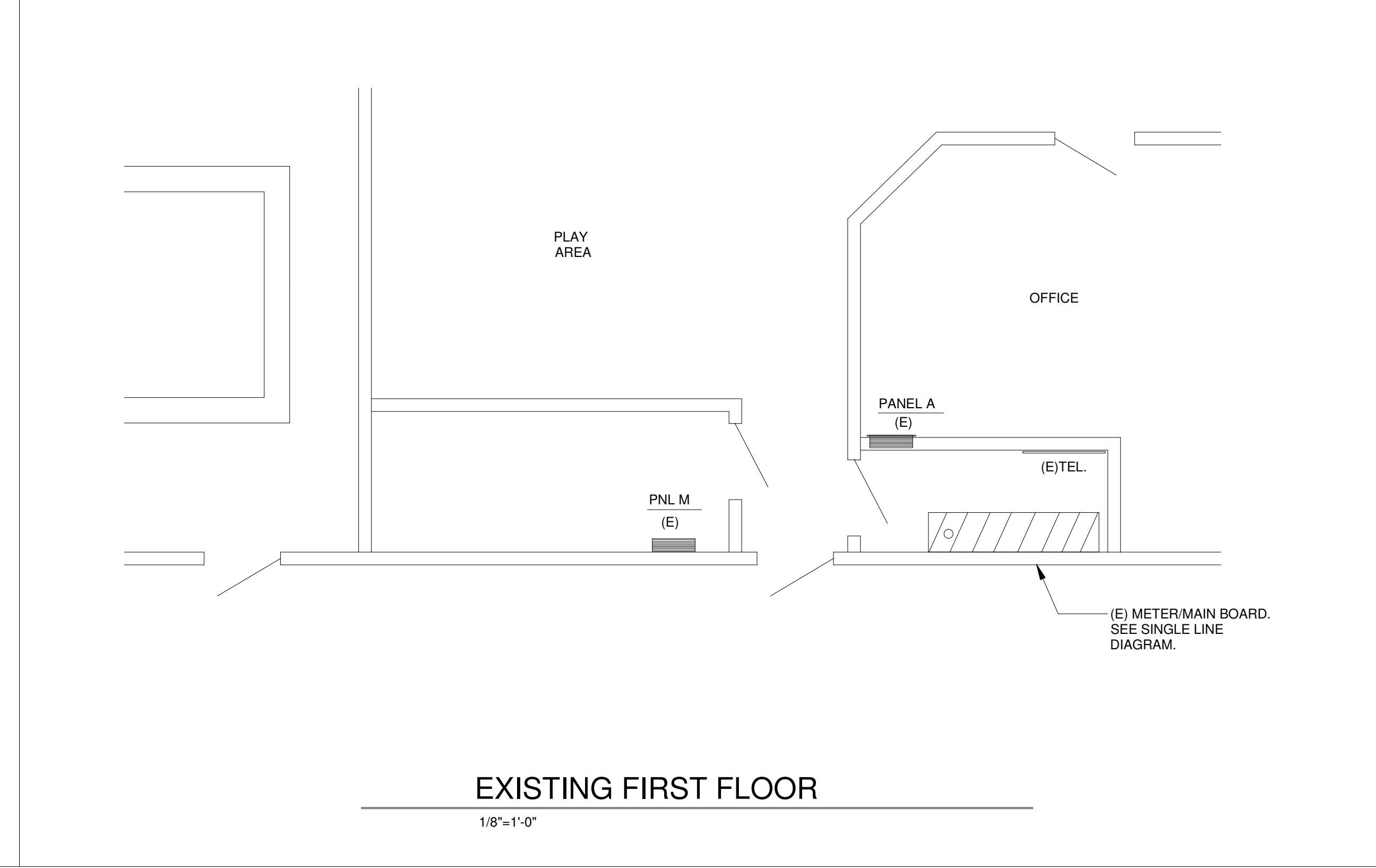
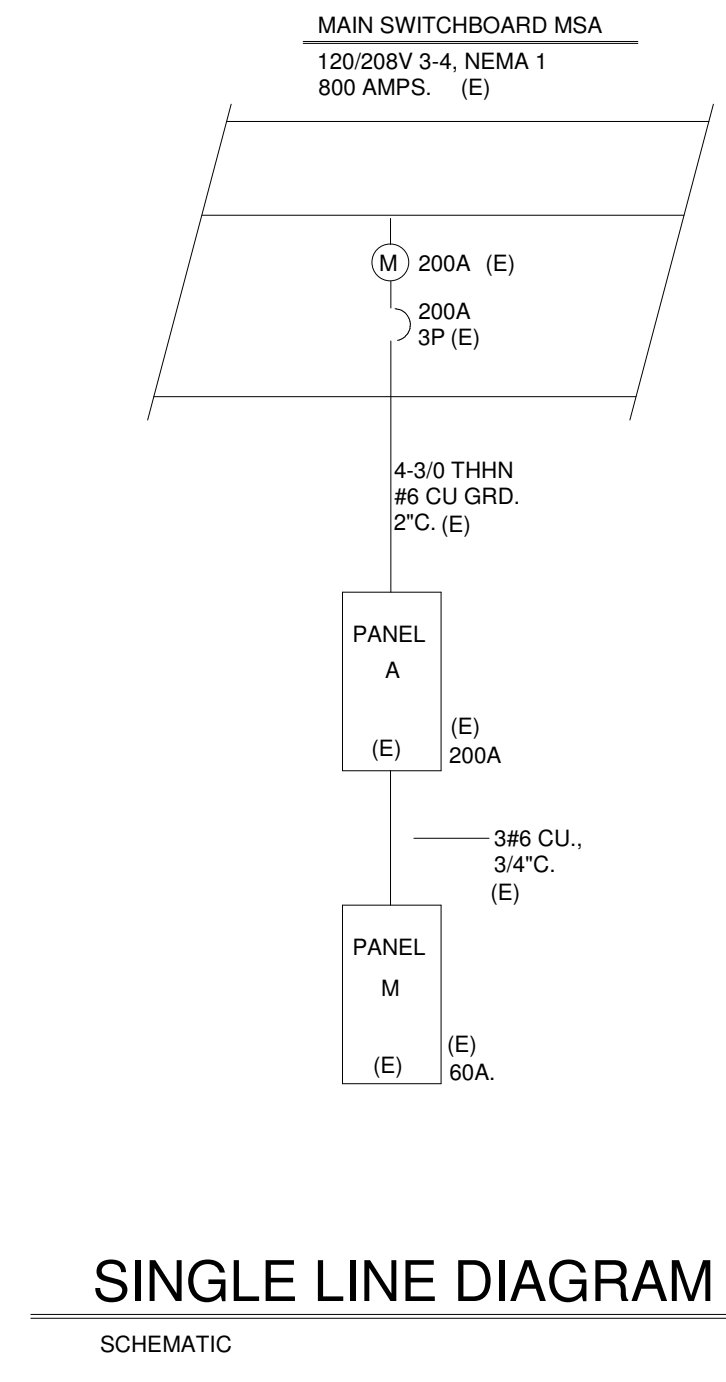
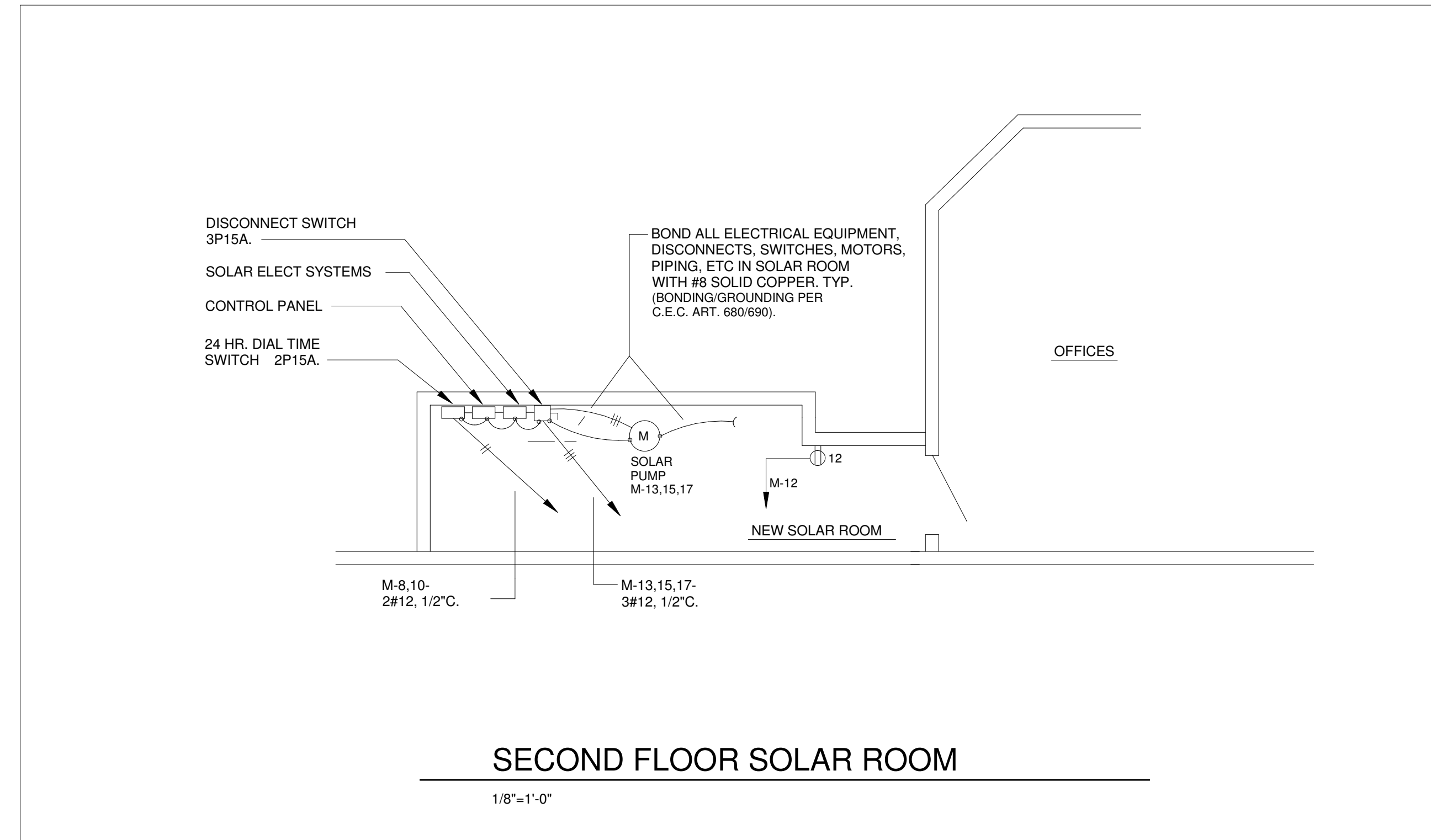
SYMBOLS LIST

- EXISTING ELECTRICAL PANEL TO REMAIN.
- ⊕ DUPLEX RECEPTACLE +15" UON, 1P20A, (WHITE).
- Ⓜ MOTOR OUTLET AND CONNECTION TO MOTOR
- ⏏ DISCONNECT SWITCH, WP. WITH LOCKING HANDLE.
- |— BRANCH CIRCUIT HOMERUN TO PANEL. 2#12, 1/2" C. MIN. ADDITIONAL CONDUCTORS AS INDICATED.
- |—| BRANCH CIRCUIT RACEWAY, 3#12, 1/2" C. INDICATED. ADDITIONAL CONDUCTORS AS INDICATED.

REVISIONS	BY

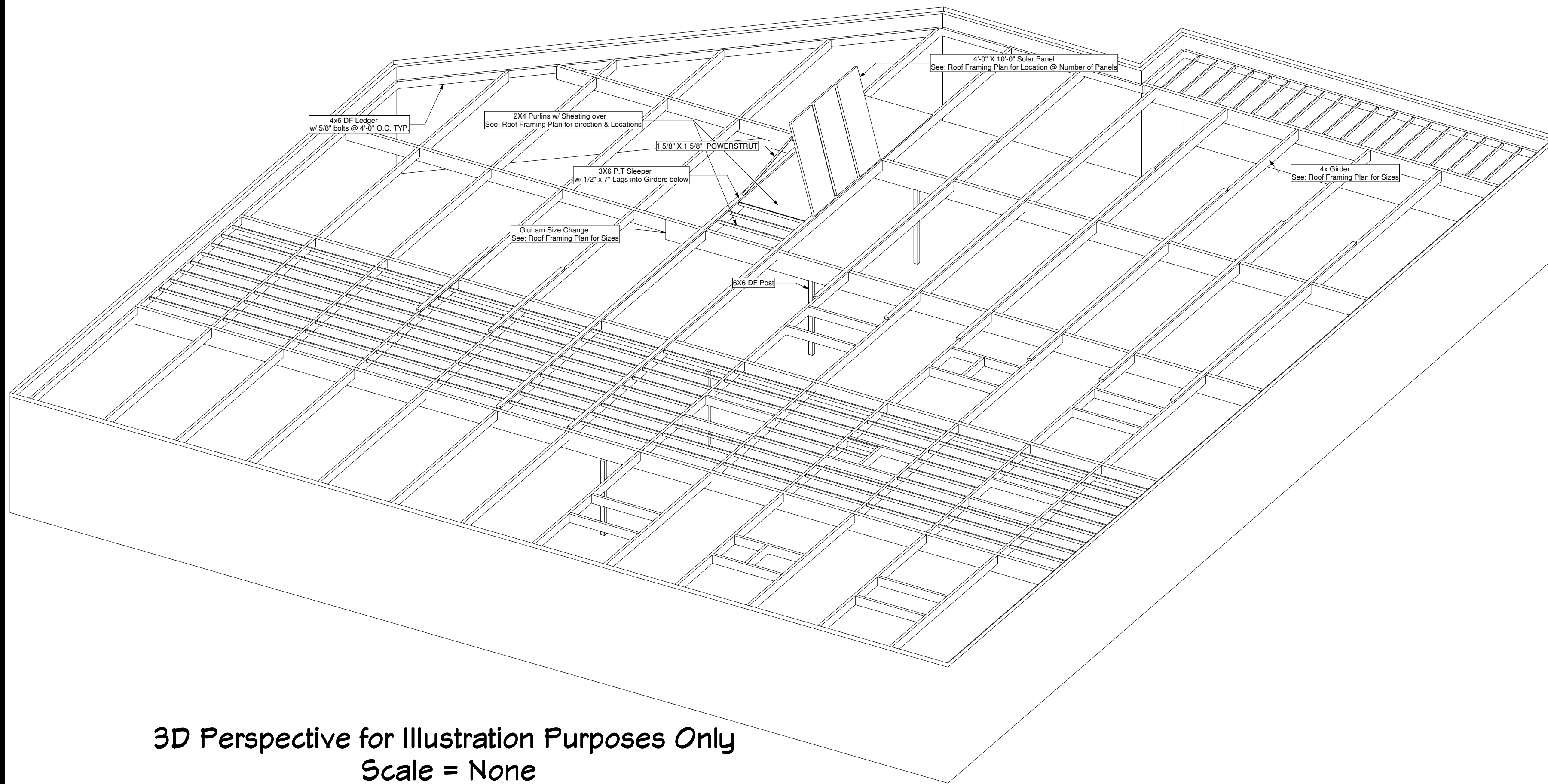
Peter Irving Electric Inc.
109 First St.
Alamo, CA 94507
510-867-0616

THE WITHIN SCOPE OF THE SOLE AND EXCLUSIVE USE OF PETER IRVING ELECTRIC INC. IN THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

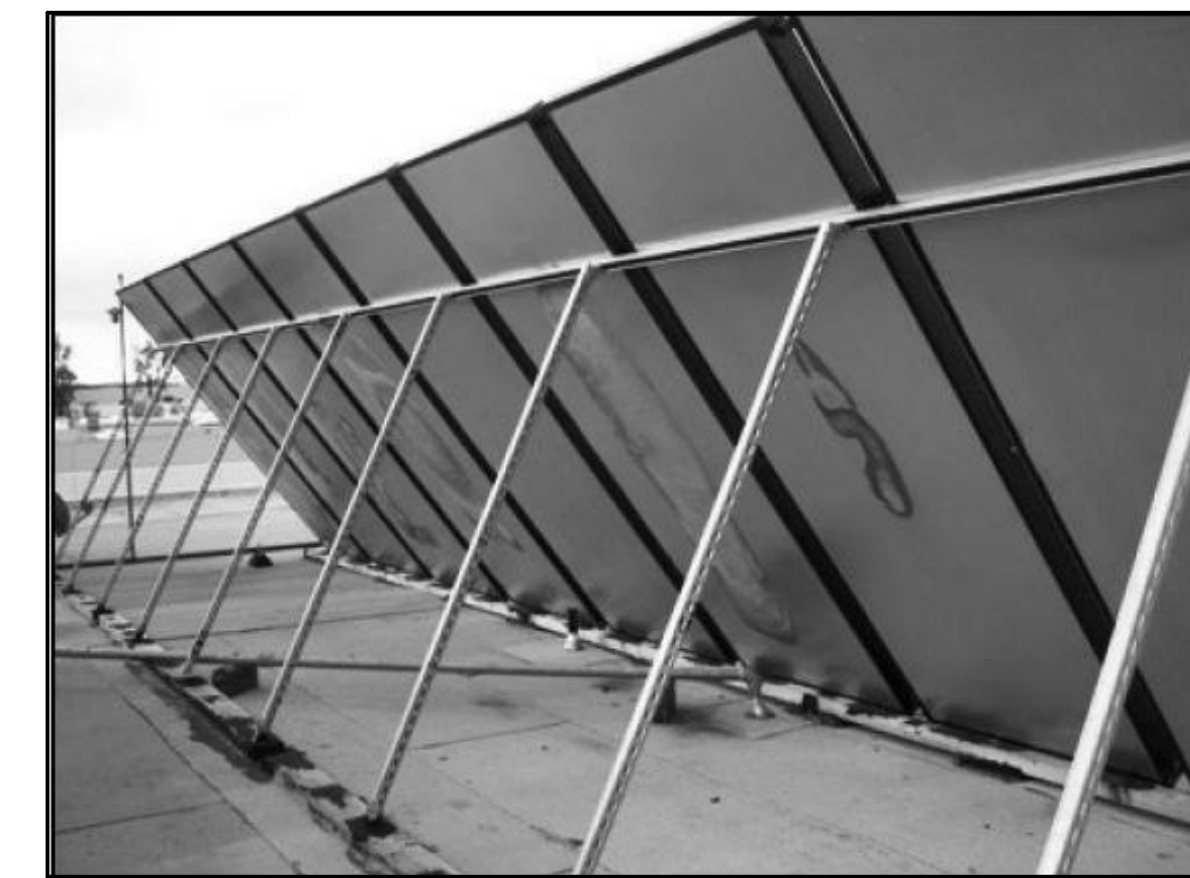


AMERICAN SWIM ACADEMY
6948 SIERRA COURT
DUBLIN, CALIFORNIA

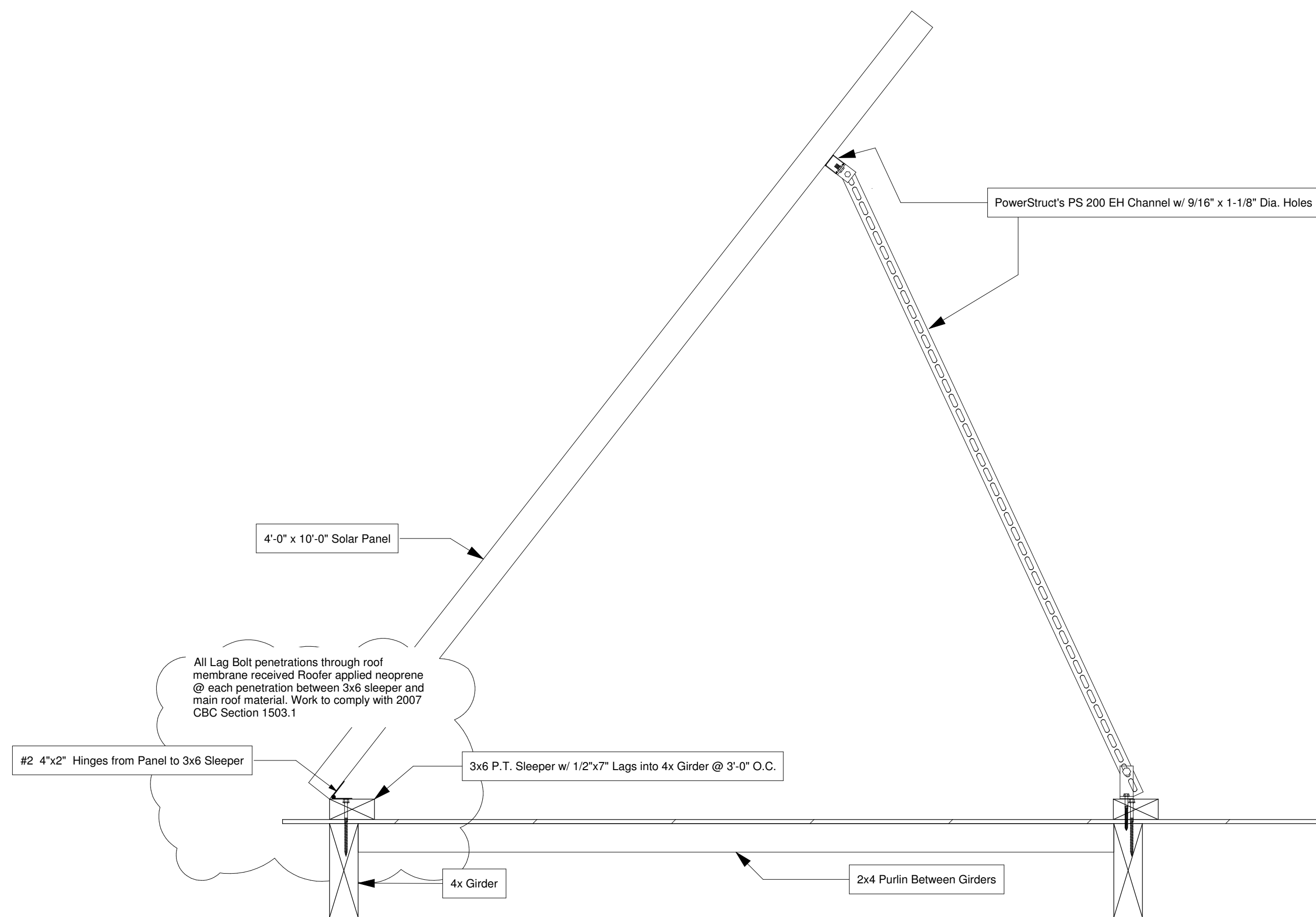
DRAWN PETER IRVING ELECTRIC
CHECKED PETER IRVING ELECTRIC
DATE 9-10-2008
SCALE AS NOTED
JOB NO.
SHEET
E-1
OF SHEETS



3D Perspective for Illustration Purposes Only
Scale = None



Sample Photo of Existing Solar Panel Install



SOLAR PANEL INSTALL DETAIL
SCALE: 1" = 1'-0"

FRAMING LEGEND	
Glulams	
Girders	
Ledgers	
Purlins	



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

DATE	REVISIONS

AMERICAN SWIM ACADEMY

6948 SIERRA COURT, DUBLIN, CA 94568

ROOF FRAMING PLAN

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DATE	9-15-2008
DRAWN BY	Mark Sweeney DBA Sweeney Builders CSL #630896, 530.368-3640
SCALE	AS NOTED
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ROOF FRAMING PLAN

PAGE	5 OF 5
SHEET	S1