

MODULAR CLASSROOM BUILDINGS

BUILDING SIZE: 30' X 32'

~~EXPANDABLE TO 150' X 32'~~

PC 04-114119 HIGH SEISMIC

BY

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ELITE MODULAR MODULAR BUILDING STOCKPILE # 5 (X10) 30' X 32' BUILDINGS

GENERAL NOTES

- FIRE ALARM IS NOT PART OF THIS APPROVAL
- ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2013 CBC 706.3
- THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
- PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING
- FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS
- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES
- EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2013 CBC.
- EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1408.
- SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.
- PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY AN "EQUAL"
- BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC CHAPTER 7A.
- WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4 FOR THE SITE SPECIFIC LOCATION
- IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO THE SAME PC CLASSROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR-CEILING SHALL MEET THE MINIMUM REQUIREMENTS OF THE STC RATING OF 40 PER CALGREEN CODE, SECTION 5.507.4.3.

APPLICABLE STANDARDS

- NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CALIF. AMENDED) 2013 EDITION
NFPA 72 NAT. FIRE ALARM CODE (CALIF. AMENDED) 2013 EDITION
(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

APPLICABLE CODES

LIST OF 2013 CALIFORNIA CODE OF REGULATIONS

- 2013 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2013 CALIFORNIA FIRE CODE, PART 6, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (w/17.1a/CSA B44-08 ADDENDUM) SAFETY CODE FOR ELEVATORS AND ESCALATORS

BUILDING DATA

NUMBER OF STORIES:	1 - STORY
OCCUPANCY:	E 30' - 150' X 32' BUILDINGS (LECTURE CLASSROOM ONLY)
TYPE OF CONSTRUCTION:	VS
FLOOR LIVE LOAD:	☐ 50 PSF ☒ 50+15 PSF PARTITION LOAD
ROOF LIVE LOAD:	☐ 20 PSF
FLOOR DEAD LOAD:	☒ WOOD FLOOR - 8 PSF ☐ CONC FLOOR - 33 PSF
ROOF DEAD LOAD:	17 PSF (INCLUDING SPRINKLER LOAD)
RAMP LIVE LOAD:	100 PSF
BUILDING AREA:	☒ 30'X32' BLDG - 960'1188 (SF) ☐ 100'X32' BLDG - 3200'3856 (SF)
ALLOWABLE AREA:	☐ 40'X32' BLDG - 1280'1584 (SF) ☐ 110'X32' BLDG - 3520'4348 (SF)
FOUNDATION:	☒ 50'X32' BLDG - 1600'1976 (SF) ☐ 120'X32' BLDG - 3840'4740 (SF)
CEC CLIMATE ZONE:	☐ 60'X32' BLDG - 1920'2370 (SF) ☐ 130'X32' BLDG - 4160'5136 (SF)
	☐ 70'X32' BLDG - 2240'2784 (SF) ☐ 140'X32' BLDG - 4480'5568 (SF)
	☐ 80'X32' BLDG - 2560'3136 (SF) ☐ 150'X32' BLDG - 4800'5920 (SF)
	☐ 90'X32' BLDG - 2880'3552 (SF)

WIND DESIGN DATA SECTION 1603.A.1.4

1. ULTIMATE WIND SPEED, 3 SEC GUST (MPH)		$V_{ult}=150\text{MPH}$ $V_{ref}=100\text{ MPH}$ $Kz=1.0^*$	
2. RISK CATEGORY :		II	
3. WIND EXPOSURE :		C	
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT :		± 0.18	
5. COMPONENTS AND CLADDING : (STRENGTH LEVEL, PSF)			
ZONE 1 =	38.5	ZONE 4 =	58.1
ZONE 2 =	64.5	ZONE 5 =	48.0
ZONE 3 =	87.1		

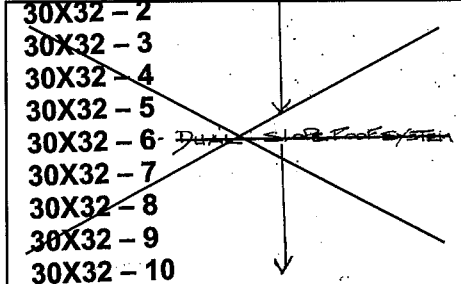
EARTHQUAKE DESIGN DATA SECTION 1603.A.1.5

1. SEISMIC IMPORTANCE FACTOR :	1.00		
2. MAPPED SPECTRAL RESPONSE:	DESIGN - $S_s = 2.60$ $S_1 = 1.00$		
3. SITE CLASS	D		
4. SPECTRAL RESPONSE COEFFICIENTS :	$S_{DS} = 1.493$ $S_{D1} = 1.00$		
5. SEISMIC DESIGN CATEGORY :	E		
6. BASIC SEISMIC-FORCE-RESISTING-SYSTEM :	STEEL OMF		
7. DESIGN BASE SHEAR (V_p) PER 10' X 32' MODULE :			
CONC FLOOR	PLY FLOOR	LL=100	LL=150
X	X	X	11.5
			16.4
X	X		11.6
			15.1
		X	
8. SEISMIC RESPONSE COEFFICIENT, C_s :	0.427		
9. RESPONSE MODIFICATION FACTOR, R :	2.5		
10. ANALYSIS PROCEDURE USED :	EQUILIBRIUM LATERAL FORCE		
11. MINIMUM SEISMIC SEPARATION FROM OTHER EXISTING OR FUTURE BUILDINGS	6' SEP.		

SNOW DESIGN DATA

FLAT-ROOF SNOW LOAD, P_f :	20 PSF
SNOW EXPOSURE FACTOR, C_e :	1
SNOW LOAD IMPORTANCE FACTOR, I :	1
THERMAL FACTOR, C_t :	1
THIS PC DOES NOT COVER ANY SITE SPECIFIC FLOOD DESIGN. ANY SITE SPECIFIC CONDITION OF FLOODING SHOULD BE ADDRESSED WITH ADDITIONAL CALCULATIONS.	

30X32 - 1 - MONO SLOPE ROOF SYSTEM



EML 1011 - ELITE MODULAR LEASING & SALES INC.
BUILDING RELOCATION PACKAGE FROM
EXISTING STOCKPILE TO SITE SPECIFIC.
FOR : BAKERSFIELD CSD / NICHOLS E.S.
(X1) 30X32 R.H. BLDG. - SN : 12262-12263-12264

SHEET INDEX

SHT NO.	ARCHITECTURAL	SHT NO.	FOUNDATION
A-0	COVER SHEET	F-0.01	WOOD FOUNDATION PLAN - 30' X 32' (60 PSF)
A-0.1	1 & 1 FORMS	F-0.02	WOOD FOUNDATION PLAN - 30' X 32' (60+15 PSF)
A-0.2	T & I FORMS	F-0.03	WOOD FOUNDATION PLAN - 30' X 32' (100 PSF)
A-0.3	BUILDING OPTIONS SCHEDULE	F-0.04	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.4	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE	F-0.05	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.5	SCHEDULES	F-0.06	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.6	TYPICAL KEY PLANS - 30' TO 140' X 32'	F-0.07	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.7	TYPICAL KEY PLANS - 150' TO 160' X 32'	F-0.08	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.8	ENERGY CALC'S - PRF FORMS - ZONE 11 WORST CASE	F-0.09	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.9	ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE	F-0.10	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.10	ENERGY CALC'S - PRF FORMS - ZONE 18 WORST CASE	F-0.11	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.11	ENERGY CALC'S - ELG FORMS - 30' X 32' BUILDINGS	F-0.12	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.12	ENERGY CALC'S - LTO / MCH FORMS - 30' X 32' BUILDINGS	F-0.13	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.13	ENERGY CALC'S - LTI FORMS - 30' X 32' BUILDINGS	F-0.14	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.14	ENERGY CALC'S - LTO / MCH FORMS - 150' X 32' BUILDINGS	F-0.15	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.15	ENERGY CALC'S - LTI FORMS - 150' X 32' BUILDINGS	F-0.16	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.16	ENERGY CALC'S - LTO / MCH FORMS - 150' X 32' BUILDINGS	F-0.17	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-0.17	DESIGN ENERGY VALUES BY ZONE & CALGREEN SPECIFICATIONS	F-0.18	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-1.01	FLOOR PLAN - 30' X 32'	F-0.19	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-1.02	FLOOR PLAN - 40' X 32'	F-0.20	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-1.03	FLOOR PLAN - 50' X 32'	F-0.21	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-1.04	FLOOR PLAN - 60' TO 140' X 32' - 150' X 32' BUILDINGS	F-0.22	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-1.05	OPTIONAL 40' X 32' TOILET MODULE PLANS & ELEVATIONS	F-0.23	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-1.06	OPTIONAL 40' X 32' TOILET MODULE PLUMBING PLAN & ISOMETRICS	F-0.24	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-2.01	REFLECTED CEILING PLAN - 30' X 32'	F-0.25	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-2.02	REFLECTED CEILING PLAN - 40' X 32'	F-0.26	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-2.03	REFLECTED CEILING PLAN - 50' X 32'	F-0.27	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-2.04	REFLECTED CEILING PLAN - 60' TO 140' X 32'	F-0.28	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-2.05	CEILING DETAILS - T-GRID	F-0.29	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-2.06	CEILING DETAILS - HARD-UP	F-0.30	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.01	ROOF PLAN - 0.018' METAL DECK - MONO OR DUAL SLOPE - 30' X 32'	F-0.31	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.02	ROOF PLAN - 0.018' METAL DECK - MONO SLOPE - 40' X 32'	F-0.32	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.03	ROOF PLAN - 0.018' METAL DECK - DUAL SLOPE - 40' X 32'	F-0.33	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.04	ROOF PLAN - 0.018' METAL DECK - MONO SLOPE - 50' X 32'	F-0.34	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.05	ROOF PLAN - 0.018' METAL DECK - DUAL SLOPE - 50' X 32'	F-0.35	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.06	ROOF PLAN - 0.018' METAL DECK - MONO SLOPE - 60' TO 140' X 32'	F-0.36	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.07	ROOF PLAN - 0.018' METAL DECK - DUAL SLOPE - 60' TO 140' X 32'	F-0.37	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.08	ROOF PLAN - 0.018' METAL DECK - MONO OR DUAL SLOPE - 30' X 32'	F-0.38	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.09	ROOF PLAN - 0.018' METAL DECK - MONO SLOPE - 40' X 32'	F-0.39	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.10	ROOF PLAN - 0.018' METAL DECK - DUAL SLOPE - 40' X 32'	F-0.40	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.11	ROOF PLAN - 0.018' METAL DECK - MONO SLOPE - 50' X 32'	F-0.41	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.12	ROOF PLAN - 0.018' METAL DECK - DUAL SLOPE - 50' X 32'	F-0.42	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.13	ROOF PLAN - 0.018' METAL DECK - MONO SLOPE - 60' TO 140' X 32'	F-0.43	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.14	ROOF PLAN - 0.018' METAL DECK - DUAL SLOPE - 60' TO 140' X 32'	F-0.44	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.15	ROOF PLAN - BUILT-UP ROOF - MONO OR DUAL SLOPE - 30' X 32'	F-0.45	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.16	ROOF PLAN - BUILT-UP ROOF - MONO SLOPE - 40' X 32'	F-0.46	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.17	ROOF PLAN - BUILT-UP ROOF - DUAL SLOPE - 40' X 32'	F-0.47	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.18	ROOF PLAN - BUILT-UP ROOF - MONO SLOPE - 50' X 32'	F-0.48	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.19	ROOF PLAN - BUILT-UP ROOF - DUAL SLOPE - 50' X 32'	F-0.49	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.20	ROOF PLAN - BUILT-UP ROOF - MONO SLOPE - 60' TO 140' X 32'	F-0.50	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.21	ROOF PLAN - BUILT-UP ROOF - DUAL SLOPE - 60' TO 140' X 32'	F-0.51	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.22	ROOF PLAN - PARAPET - MONO OR DUAL SLOPE - 30' X 32'	F-0.52	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.23	ROOF PLAN - PARAPET - MONO SLOPE - 40' X 32'	F-0.53	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.24	ROOF PLAN - PARAPET - DUAL SLOPE - 40' X 32'	F-0.54	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.25	ROOF PLAN - PARAPET - MONO SLOPE - 50' X 32'	F-0.55	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.26	ROOF PLAN - PARAPET - DUAL SLOPE - 50' X 32'	F-0.56	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.27	ROOF PLAN - PARAPET - MONO SLOPE - 60' TO 140' X 32'	F-0.57	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.28	ROOF PLAN - PARAPET - DUAL SLOPE - 60' TO 140' X 32'	F-0.58	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.29	ROOF PLAN - TPO - MONO OR DUAL SLOPE - 30' X 32'	F-0.59	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.30	ROOF PLAN - TPO - MONO SLOPE - 40' X 32'	F-0.60	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.31	ROOF PLAN - TPO - DUAL SLOPE - 40' X 32'	F-0.61	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.32	ROOF PLAN - TPO - MONO SLOPE - 50' X 32'	F-0.62	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.33	ROOF PLAN - TPO - DUAL SLOPE - 50' X 32'	F-0.63	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.34	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.64	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.35	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.65	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.36	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.66	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.37	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.67	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.38	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.68	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.39	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.69	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.40	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.70	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.41	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.71	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.42	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.72	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.43	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.73	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.44	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.74	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.45	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.75	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.46	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.76	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.47	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.77	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.48	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.78	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.49	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.79	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.50	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.80	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.51	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.81	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.52	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.82	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.53	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.83	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.54	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.84	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.55	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.85	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.56	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.86	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.57	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.87	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.58	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.88	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.59	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.89	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.60	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.90	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.61	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.91	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.62	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.92	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.63	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.93	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.64	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.94	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.65	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.95	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.66	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.96	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.67	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.97	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.68	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-0.98	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.69	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-0.99	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.70	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-1.00	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.71	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-1.01	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.72	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-1.02	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.73	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-1.03	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.74	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-1.04	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.75	ROOF PLAN - TPO - DUAL SLOPE - 60' TO 140' X 32'	F-1.05	WOOD FOUNDATION PLAN - 30' X 32' (160 PSF)
A-3.76	ROOF PLAN - TPO - MONO SLOPE - 60' TO 140' X 32'	F-1.06	WOOD FOUNDATION PLAN -

The example form DSA 103s shown on this sheet are for illustration purposes only. A form DSA 103 is to be completed for each application that this PC is being incorporated into and all example form DSA-103s are to be crossed out on this drawing.

DSA-103 rev 12/2013 Statement of Structural Tests & Special Inspections - 2013 CBC

INCREMENT # _____ DSA File No.: _____
Application No.: _____
Date Submitted: _____ Review: _____

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. This project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A. NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other factors. A shaded box can be checked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you have made will be cleared. Click on the "COMPLETE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

TEST OR SPECIAL INSPECTION	TEST	PERIODIC	BY	CODE REFERENCE AND NOTES
SOILS				
CONCRETE				
7. CAST IN PLACE CONCRETE				Table 1705A.3
a. Verify cast in place concrete	Periodic	SI & PI*	To be performed by both special inspector and project inspector.	
b. Perform slump, temperature, and (where required) air content tests	Test	Lab	ASTM C172, ASTM C91	
c. Test concrete (compression)	Test	Lab	ACI 318 Section 5.5 and 116A.1.2 (1913 S.41) ASTM C39	
d. Batch plant inspection - design complies with 1705A.3.3 item 2	Continuous	PI*	* May be performed by a special inspector when specifically approved by DSA.	
e. Inspect placement of formwork, reinforcing steel, embedded bars and concrete, inspect curing and form removal	Continuous	PI*		
MASONRY				TMS 402-11ACI 530-11ASCE 5-11 Table 1.10.5
STEEL				Table 1705A.2.1
17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES				
a. Verify that all materials are appropriately marked and that:	Periodic	SI	* By special inspector when performed off-site, by project inspector for steel shipped directly to project site without welding or fabrication.	
- Material certificates indicate material properties that comply with requirements.				
- Material sizes, types and grades comply with requirements.				
b. Test unidentified materials	Test	Lab	2203A.1 (2203.1), ASTM A370	
c. Examine seams welds of structural tubes and pipes	Periodic	SI	DSA IR 17-3	
d. Verify member locations, bracing and all details constructed in the field	Continuous	PI		
e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop	Periodic	SI		
19. WELDING:				DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).
a. Verification of Materials, Equipment, Welders, etc.	Periodic	SI		
b. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI		
c. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI		
d. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3	
18.1 SHOP WELDING:				
a. Inspect groove, multi-pass, and flat welds 5/16"	Continuous	SI	Per AWS 308 (and AWS 341 as applicable), DSA IR 17-3	
b. Inspect single pass flat welds 5/16"	Periodic	SI	Per AWS 308 (and AWS 341 as applicable), DSA IR 17-3	
c. Inspect welding of main and rafter systems.	Periodic	SI	1705A.2.2.1 Per AWS 308 (and AWS 341 as applicable), DSA IR 17-3	
20. NONDESTRUCTIVE TESTING:				
a. Ultrasonic	Test	Lab	AISC 341, App. G 5.2, AWS D1.1, D1.8 - AWS/ASNT CP-189, SNT-TC-1A - ASTM E643	
b. Magnetic Particle	Test	Lab	E1444, E1664 - DSA IR 17-2	
21. STEEL JOISTS AND TRUSSES:				
a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joint.	Continuous	SI	1705A.2.2.3 AND DSA IR 22-3 for steel joist only; 1705A.2.2.4 for steel trusses.	
23. OTHER STEEL:				
a. SHOP WELDING OF COLD FORMED STEEL	Periodic	SI		
b. SHOP WELD, INSPECT WELDING OF STEEL JOIST DECK WELDS	Periodic	SI		
WOOD				
OTHER				

NOTE:
THE DIFFERENCE BETWEEN "TESTS" AND "SPECIAL INSPECTIONS" IS ADDRESSED IN IR 17-4

FOOT NOTES / OPTIONS
1. NOT USED.
2. NOT USED.
3. THIS TEST / INSPECTION IS TBD BY AOR / DSA PER PROJECT SPECIFIC REQUIREMENTS. UT TESTING SHALL BE PERFORMED ON 100% OF CJP GROOVE WELDS WHEN THE COLUMNS PER SCHEDULE ON SHEETS S-3.01 THRU S-3.04 HAVE A THICKNESS OF 5/16" OR GREATER. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25% OF ALL BEAM TO COLUMN CJP GROOVE WELDS

DSA-103 rev 12/2013 Statement of Structural Tests & Special Inspections - 2013 CBC

INCREMENT # _____ DSA File No.: _____
Application No.: _____
Date Submitted: _____ Review: _____

IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. This project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A. NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other factors. A shaded box can be checked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you have made will be cleared. Click on the "COMPLETE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

TEST OR SPECIAL INSPECTION	TEST	PERIODIC	BY	CODE REFERENCE AND NOTES
SOILS				
CONCRETE				
MASONRY				TMS 402-11ACI 530-11ASCE 5-11 Table 1.10.5
STEEL				Table 1705A.2.1
17. STRUCTURAL STEEL AND COLD-FORMED STEEL USED FOR STRUCTURAL PURPOSES				
a. Verify that all materials are appropriately marked and that:	Periodic	SI	* By special inspector when performed off-site, by project inspector for steel shipped directly to project site without welding or fabrication.	
- Material certificates indicate material properties that comply with requirements.				
- Material sizes, types and grades comply with requirements.				
b. Test unidentified materials	Test	Lab	2203A.1 (2203.1), ASTM A370	
c. Examine seams welds of structural tubes and pipes	Periodic	SI	DSA IR 17-3	
d. Verify member locations, bracing and all details constructed in the field	Continuous	PI		
e. Verify stiffener locations, connection tab locations and all construction details fabricated in the shop	Periodic	SI		
19. WELDING:				DSA IR 17-3, AWS D1.1 and AWS D1.8 (AWS D1.3 for cold formed steel).
a. Verification of Materials, Equipment, Welders, etc.	Periodic	SI		
b. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI		
c. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI		
d. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3	
18.1 SHOP WELDING:				
a. Inspect groove, multi-pass, and flat welds 5/16"	Continuous	SI	Per AWS 308 (and AWS 341 as applicable), DSA IR 17-3	
b. Inspect single pass flat welds 5/16"	Periodic	SI	Per AWS 308 (and AWS 341 as applicable), DSA IR 17-3	
c. Inspect welding of main and rafter systems.	Periodic	SI	1705A.2.2.1 Per AWS 308 (and AWS 341 as applicable), DSA IR 17-3	
20. NONDESTRUCTIVE TESTING:				
a. Ultrasonic	Test	Lab	AISC 341, App. G 5.2, AWS D1.1, D1.8 - AWS/ASNT CP-189, SNT-TC-1A - ASTM E643	
b. Magnetic Particle	Test	Lab	E1444, E1664 - DSA IR 17-2	
21. STEEL JOISTS AND TRUSSES:				
a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joint.	Continuous	SI	1705A.2.2.3 AND DSA IR 22-3 for steel joist only; 1705A.2.2.4 for steel trusses.	
23. OTHER STEEL:				
a. SHOP WELDING OF COLD FORMED STEEL	Periodic	SI		
WOOD				
OTHER				

NOTE:
THE DIFFERENCE BETWEEN "TESTS" AND "SPECIAL INSPECTIONS" IS ADDRESSED IN IR 17-4

FOOT NOTES / OPTIONS
1. NOT USED.
2. NOT USED.
3. THIS TEST / INSPECTION IS TBD BY AOR / DSA PER PROJECT SPECIFIC REQUIREMENTS. UT TESTING SHALL BE PERFORMED ON 100% OF CJP GROOVE WELDS WHEN THE COLUMNS PER SCHEDULE ON SHEETS S-3.01 THRU S-3.04 HAVE A THICKNESS OF 5/16" OR GREATER. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25% OF ALL BEAM TO COLUMN CJP GROOVE WELDS

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SILVER CREEK INDUSTRIES, INC.

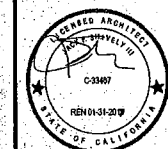


2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

T & I FORMS



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116128
ACS - PLS - SS - Tg
DATE 4/3/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
ACS - PLS - SS - KAC
DATE 11/1/2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 06-12-15

P.C. SHEET NUMBER

A-0B

CONCRETE FLOOR - CONCRETE FOUNDATION (STOCKPILE)

2 PLYWOOD FLOOR - STOCKPILE

1

REFLECTED CEILING NOTES

METAL SUSPENSION FOR LAY-IN PANEL CEILING:

- 12GA. (MIN.) HANGER WIRES MAY BE USED FOR UP TO THE INCLUDING 4'-0" X 4'-0" GRID SPACING. ALONG MAIN RUNNERS. SPACES WILL NOT BE PERMITTED IN ANY HANGER WIRES UNLESS SPECIFICALLY APPROVED BY DSA.
- PROVIDE 12GA. HANGER WIRES WITHIN 8" OF THE ENDS OF ALL MAIN & CROSS RUNNERS OR AT 1/4 OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS AT THE PERIMETER OF THE CEILING AREA.
- PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAINTAIN HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT THE CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 PLUMB ARE TO HAVE COUNTER SLOPING WIRES.
- CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 3/4" CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYS. RUNNERS, THE MAIN AND CROSS RUNNERS SHOULD BE FREE & A MIN. OF 3/4" CLEAR OF WALL.
- AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 1/2" DIA. WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNERS MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNERS IS 8" OR LESS, THIS INTERLOCK IS NOT REQ'D.
- PROVIDE BRACING ASSEMBLY CONSISTING OF A COMPRESSION STRUT (COMPRESSION STRUTS SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES, AND SHALL NOT BE MORE THAN 1 HORIZONTAL IN 8 VERTICAL) OUT OF PLUMB (IN) AND (4) 12GA. DISPLAY WIRES ORIENTED 90° FROM EA. OTHER AT THE FOLLOWING SPACING:
 - PLACE BRACING ASSEMBLIES AT A SPACING NOT MORE THAN 12'-0" X 12'-0" ON CENTER.
 - PROVIDE BRACING ASSEMBLIES AT LOCATIONS NOT MORE THAN 1/2 THE ABOVE SPACING FROM EA. PERIMETER WALL OR AT THE EDGE OF VERTICAL CEILING OFFSETS. THE SLOPE OF THESE WIRES SHALL NOT EXCEED 45° FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPACES IN BRACING WIRES ARE NOT PERMITTED WITHOUT SPECIAL DSA APPROVAL.
- FASTEN #12 HANGER WIRES WITH NOT LESS THAN THREE (3) TIGHT TURNS IN 3" HANGER WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION OF THE MEMBER WITHIN THE LOOPS (SEE ASTM E590, SECTION 5.2.7.2). FASTEN SPLAY WIRES WITH 4 TIGHT TURNS IN 1 1/2". HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE.
- SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6" FROM ALL UNBRACED DUCTS, PIPES, CONDUITS, ETC. HANGER WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. SEE FIGURE 3A, DETAIL F OF DSA IR 25-2.13. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS.

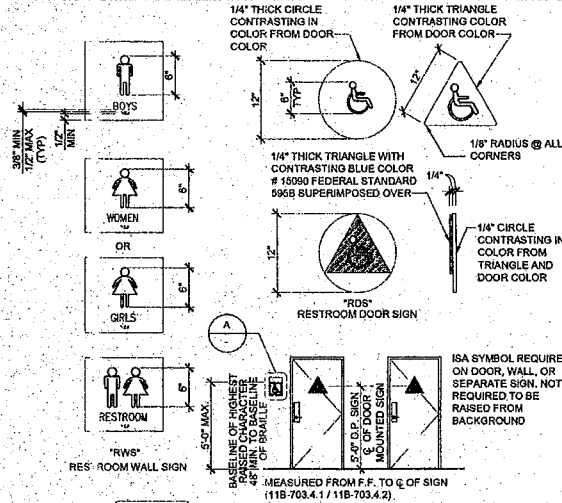
- CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS OR DEVICES. ATTACH ALL LIGHT FIXTURES CEILING MOUNTED AIR TERMINALS AND ALL OTHER DEVICES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES, SCREWS OR APPROVED FASTENERS ARE REQUIRED. MINIMUM OF TWO ATTACHMENTS ARE REQUIRED AT EACH LIGHT FIXTURE PER ASTM E580 SECTION 5.3.1. RECESSED OR DROP-IN LIGHT FIXTURES, GRILLES, MECHANICAL TERMINALS, AND FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES BE SUPPORTED DIRECTLY ON RUNNERS CLASSIFIED AS ASTM HEAVY DUTY, BUT THEY MUST ALSO HAVE A MINIMUM OF TWO (2) #12 GAGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE.
- ALL FLUSH OR RECESSED LIGHT FIXTURES, MECHANICAL TERMINALS, AND FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING GREATER THAN 50 LBS. MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR (4) TAUT #12 GAGE WIRES ATTACHED TO THE HANGING AND TO THE STRUCTURE ABOVE. THE FOUR (4) TAUT #12 GAGE WIRES, INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE, MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE UNIT.
 - ALL 4' x 4' LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER. SURFACE-MOUNTED FIXTURES SHALL BE ATTACHED TO THE MAIN RUNNER WITH AT LEAST TWO POSITIVE CLAMPING DEVICES MADE OF MATERIAL WITH A MINIMUM #14 GAGE. ROTATIONAL SPRING CATCHES DO NOT COMPLY. A #12 GAGE SUSPENSION WIRE SHALL BE ATTACHED TO EACH CLAMPING DEVICE TO THE STRUCTURE ABOVE. PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8' OR LONGER. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED 8 FEET. SUPPORT PENDANT-MOUNTED LIGHT FIXTURES DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER WIRES OR CABLES PASSING THROUGH EACH PENDANT HANGER AND CAPABLE OF SUPPORTING TWO (2) TIMES THE WEIGHT OF THE FIXTURE. A BRACING ASSEMBLY, PER FIGURE 1, IS REQUIRED WHERE THE PENDANT HANGER PENETRATES THE CEILING. SPECIAL DETAILS ARE REQUIRED TO ATTACH THE PENDANT HANGER TO THE BRACING ASSEMBLY TO TRANSMIT HORIZONTAL FORCE. IF THE PENDANT MOUNTED LIGHT FIXTURE IS DIRECTLY AND INDEPENDENTLY BRACED BELOW THE CEILING, AND AIRBORNE CABLES TO WALLS, THE PROPORTIONS ARE CORRECT. USE THE 20% RECTANGLE TO DETERMINE IF THE STROKE OF THE "I" IS TOO BROAD, AND THE 10% RECTANGLE TO SEE IF IT IS TOO NARROW. IF ALL THE TESTS ARE PASSED, THE TYPE STYLE IS COMPLIANT WITH PROPORTION CODE.

- CLASSIFICATION OF CEILING GRID: CLASSIFICATION OF CEILING GRID SHALL BE "HEAVY DUTY"
 - MAIN RUNNER: 7301
 - 4" CROSS TEE: XL7341
 - 2" CROSS TEE: XL7328
 - 2" WALL ANGLE: 7610
 ARMSTRONG PER ASTM C633, C636 AND ICC-ES ESR-1308. PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ACOUSTICAL PANELS SHALL BE 5/8" MINIMUM THICK MINERAL FIBERBOARD OR VINYL FACED FIBERGLASS LAY-IN PANELS SQUARE EDGE AND CBC CLASS C FLAME-SPREAD 76-200; SMOKE-DEVELOPED 0-450.

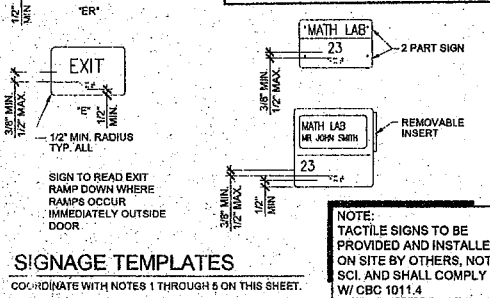
- FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET, A SEISMIC SEPARATION JOINT SHALL BE PROVIDED IN ACCORDANCE WITH DSA IR 26-2.13 SECTION 4, FIGURE 7, DETAIL A TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQUARE FEET. ALTERNATIVELY, COMPLY WITH ASTM E590-08 SECTION 5.2.1 - SEE 20A-2.20

- NOTE FOR FIRE BLK CONSTRUCTION: SECTION 718 PER CBC SECTION 718.2.1, FIRE BLOCKS MAY BE OF GYPSUM BOARD, CEMENT FIBER BOARD, BATTIS OR MINERAL OR GLASS FIBER, OR OTHER APPROVED MATERIAL INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE. LOOSE-FILL INSULATION MATERIAL SHALL NOT BE USED AS A FIRE BLOCK UNLESS SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE ITS ABILITY TO REMAIN IN PLACE AND TO RETARD THE SPREAD OF FIRE AND HOT GASES. (SECTION 718.2.1). FLAME SPREAD - 25 SMOKE DEVELOPMENT - 50 MAX. FIRE BLOCKING IS NOT REQUIRED WITH CONCEALED SPACES CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS

- DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES
- HANGER WIRES MORE THAN 1-IN-8 OUT OF PLUMB SHALL HAVE COUNTER SLOPING WIRES



MOUNTING HEIGHT NOTE:
48" MIN AFF TO BASELINE OF BRAILLE
60" MAX AFF TO BASELINE OF HIGHEST RAISED CHARACTER

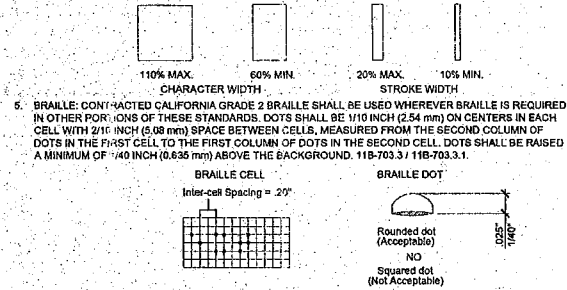


TACTILE EXIT SIGNS

- CHARACTER 1 - PE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32 INCH (0.794 mm) MINIMUM AND SHALL BE SANS SERIF. UPPERCASE CHARACTERS ACCOMPANIED BY CONTRACTED GRADE 2 BRAILLE (SEE NOTE 5 E) LOW).
- CHARACTER 5 - E: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH (15.9 mm) AND A MAXIMUM OF 2 INCHES (51 mm) HEIGHT BASED ON THE HEIGHT OF THE UPPERCASE "I".
- FINISH AND CONTRAST: CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH: 11B-703.5.1 / 11B-703.6.2 / 11B-703.7.1
- PROPORTIONS: CHARACTERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 60% MIN. AND 110% MAX. AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 10% MIN. AND 20% MAX. OF THE CHARACTER HEIGHT: 11B-703.2.4, 11B-703.2.6, 11B-703.3.7.

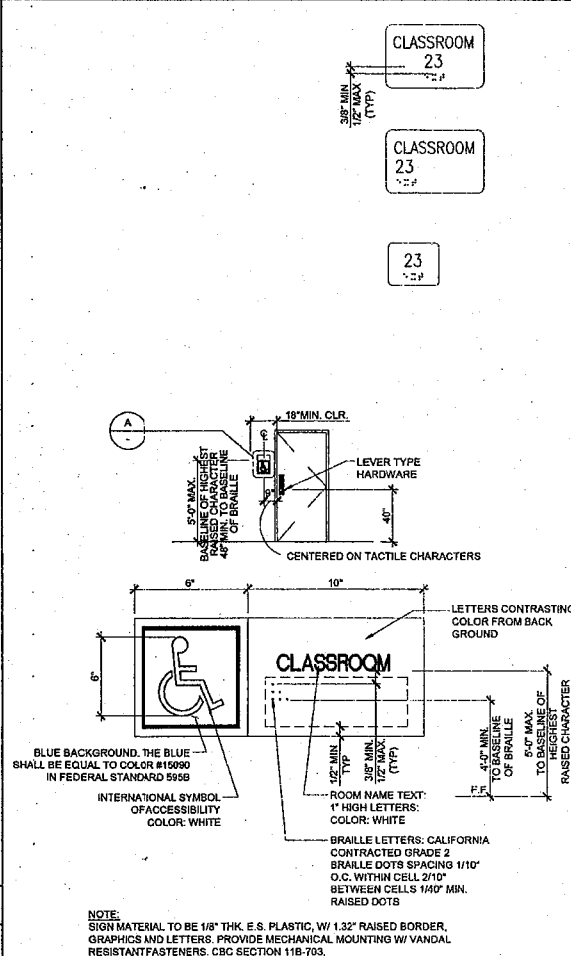
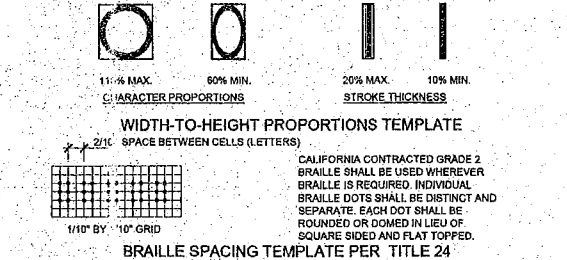
ALL LETTERS MEASURED MUST BE UPPERCASE. AFTER CHOOSING A TYPE STYLE TO TEST, BEGIN BY PRINTING THE LETTERS "O", "I", AND "A" AT 1 INCH HIGH PLACE THE TEMPLATES 110% SQUARE OVER "O", IF THE CHARACTER "I" IS NOT WIDER THAN 10% SQUARE, NOR THE CHARACTER "A" IS NOT WIDER THAN 10% SQUARE, THE PROPORTIONS ARE CORRECT. USE THE 20% RECTANGLE TO DETERMINE IF THE STROKE OF THE "I" IS TOO BROAD, AND THE 10% RECTANGLE TO SEE IF IT IS TOO NARROW. IF ALL THE TESTS ARE PASSED, THE TYPE STYLE IS COMPLIANT WITH PROPORTION CODE.

TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HEIGHT PROPORTIONS:



REQUIRED ROUNDED OR DOMED CALIFORNIA BRAILLED DOTS, EACH DISTINCT AND SEPARATE. DOTS WITH STRAIGHT SIDES AND FLAT TOPS ARE NOT READABLE FOR MANY BRAILLE USERS.

EXAMPLE OF HOW TO DEMONSTRATE FONT TO BE USED

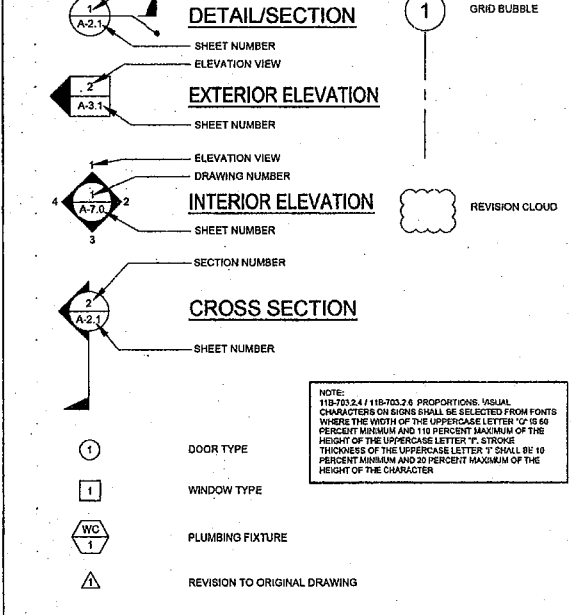


ROOM IDENTIFICATION ROOM SIGNAGE (BY DISTRICT)

FOR SITE SPECIFIC LOCATIONS ARCHITECT TO PROVIDE BUILDING / ROOM IDENTIFICATION SIGNS, DETAILS AND LOCATIONS OF SIGNAGE TO BE INDICATED.

COORDINATE WITH NOTES 1 THROUGH 5 ON THIS SHEET.

SYMBOLS LEGEND



ABBREVIATIONS

AB	ANCHOR BOLT	FA	FIRE ALARM	2 OR PL	PLATE
ABS	ABSOLUTE	FCO	FLOOR CLEAN OUT	PC	PRE-CHECKED
ABV	ABOVE	FF	FINISH FLOOR	PLAS	PLASTER
ACC	ADDRESS	FG	FINISH GRADE	PLYWD	PLYWOOD
ADCL	ADDITIONAL	FIN	FINISH	PANEL	PANEL
ADJ	ADJACENT	FLR	FLOOR	PNT	PAINT
AFF	ABOVE FINISH FLOOR	FN	FIELD NAILING	POT	POINT OF CONNECTION
AFS	ABOVE FINISH GRADE	FND	FOUNDATION	POT	PATH OF TRAVEL
AGC	ABOVE GRADE CONCRETE	FOS	FACE OF CONCRETE	PST	POUNDS PER SQUARE FOOT
ALT	ALTERNATE	FQC	FACE OF CONCRETE	PST	POUNDS PER SQUARE INCH
ACR	ARCHITECT OF RECORD	FOS	FACE OF STUD	PT	PRESSURE TREATED
APPROX	APPROXIMATE	FTG	FOOTING		
ARCH	ARCHITECTURAL / ARCHITECT	FOF	FACE OF FINISH	RAG	RETURN AIR GRILLE
		GA	GAUGE	RO	ROOF DRAIN
BD	BOARD	GALV	GALVANIZE	REF	REFERENCE
BGC	BELOW GRADE CONCRETE	GC	GENERAL CONTRACTOR	REG	REGISTER
BLOS	BUILDING BLOCK	GR	GRADE	REIN	REINFORCE
BLK	BLOCK	GR	GRADE	REQD	REQUIRED
BLKG	BLOCKING	GYP	GYPSUM	REV	REVISION
BM	BEAM	GYP BD	GYPSUM BOARD	RF	ROOF
BOT	BOTTOM			RM	ROOM
BTWN	BETWEEN	HB	HOSE BIBB	ROH	ROUGH OPENING
BU	BUILT UP	HD	HEAVY DUTY	ROH	ROUGH OPENING
		HDR	HEADER		
CAB	CABINET	HDW	HARDWARE	SCHED	SCHEDULE
CBC	CALIFORNIA BUILDING CODE	HF	HEM FIR	SEC	SECTION
CI	CAST IRON	HORIZ	HORIZONTAL	SHT	SHEET
CJ	CONTROL JOINT	HT	HEIGHT	SHTG	SHEATHING
CJP	COMPLETE JOINT	HYAC	HEATING, VENTILATING, AND AIR CONDITIONING	SIMIL	SIMILAR
	PENETRATION			SPEC	SPECIFICATION
CL	CENTER LINE			SO	SQUARE
CLG	CEILING	INCL	INCLUDED	SST	STAINLESS STEEL
CO	CLEAN OUT	INFO	INFORMATION	STD	STANDARD
COL	COLUMN	INT	INTERIOR	STIFF	STIFFENER
CONC	CONCRETE			STL	STEEL
CONN	CONNECTION	J-BOX	JUNCTION BOX	STS	SELF-TAPPING SCREW
CONST	CONSTRUCTION	JST	JOIST		
CONT	CONTINUOUS	JO	JOINT	STMS	SELF-TAPPING SHEET
CPT	CABINET				METAL SCREW
CSK	COUNTERSINK	KO	KNOCK OUT		
CTR	CENTER	LAB	LABORATORY	T&B	TOP AND BOTTOM
DBL	DOUBLE	LAM	LAMINATED	T&B	TONGUE AND GROOVE
DET	DETAIL	LAV	LAVATORY	TEL	TELEPHONE
DF	DOUGLAS FIR	LB	POUNDS	THK	THICK
DIA OR Ø	DIAMETER	LT	LIGHT	TOC	TOP OF COLUMN
DIAG	DIAGONAL	LT	LIGHT	TOS	TOP OF STEEL
DIM	DIMENSION	LT WT	LIGHT WEIGHT	TS	TUBE STEEL
DSA	DIVISION OF THE STATE ARCHITECT	LVR	LOUVER	TV	TELEVISION
				TYC	TYPICAL
DWG	DRAWING	MAX	MAXIMUM		
		MB	MACHINE BOLT	UBC	UNIFORM BUILDING CODE
(E)	EXISTING	MED	MEDIUM	UON	UNLESS OTHERWISE NOTED
EA	EACH	MFR	MANUFACTURER		
EJ	EXPANSION JOINT	MIN	MINIMUM	UR	URINAL
ELEV	ELEVATION	MISC	MISCELLANEOUS		
EN	END NAIL	MOD	MODULE	VERT	VERTICAL
EQ	EQUAL	MTL	METAL	VOT	VINYL COMPOSITION TILE
EQUIP	EQUIPMENT	(N)	NEW		
EW	EACH WAY	NT	NORTH	W	WITH
EXT	EXTERIOR	NC	NOT IN CONTRACT	WC	WATER CLOSET
			NOT IN SILVER CREEK'S SCOPE OF WORK	WCO	WALL CLEAN OUT
		NL	NAIL	WD	WOOD
		NO	NUMBER	WH	WATER HEATER
		NTS	NOT TO SCALE	WIC	WOODWORK INSTITUTE OF CALIFORNIA
		OC	ON CENTER	WIND	WINDOW
		OD	OUTSIDE DIAMETER	WO	WITHOUT
		OH	OPPOSITE HAND	WP	WATER PROOF
		OPNG	OPENING		
		OPP	OPPOSITE		

SPECIFICATIONS

- METALS:**
 - ALL WELDED JOINTS AND SURFACES SHALL BE GROUND SMOOTH, NO SHARP OR ABRASIVE CORNERS EDGES OR SURFACES. WALL SURFACES ADJACENT TO HANDRAIL SHALL BE SMOOTH.
- DOORS:**
 - IF THE DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LANDING SIDE OF THE DOOR. 11B-404.2.7 / 11B-309.4.
 - ALL HARDWARE SHALL MEET THE REQUIREMENTS OF CBC SECTIONS CHAPTER 10, SECTION 1008.1.9 / 11B-404.2.7 AND 11B-309.4.
 - THRESHOLDS SHALL COMPLY WITH CBC SECTIONS 1008.1.7 AND 11B-404.2.5.
 - FLOOR STOPS SHALL NOT BE LOCATED IN THE PATH OF TRAVEL AND 4" MAXIMUM FROM WALLS POLCY 99-08.
- EXIT DEVICES (WHERE APPLICABLE):**
 - MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LB (22.2 N) FOR EXTERIOR AND INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND TO THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, 5 LBS MAX OR THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 LBF (66.72 N) PER CBC SECTIONS 1008.1.3 AND 11B-404.2.6.
 - HAND-ACTIVATED DOOR OPENING HARDWARE, HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. MOUNTING HEIGHT OF LATCHING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES MIN AND 48 INCHES MAX ABOVE THE FLOOR FINISH. SECTION 1008.1.5.2. LATCHING AND LOCKING DEVICES THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE. LOCKED EXIT DOOR SHALL OPERATE AS ABOVE IN EGRESS DIRECTION PER CBC SECTION 1008.1.2.
- HARDWARE SHALL NOT BE PROVIDED WITH "NIGHT LATCH" FUNCTION FOR ANY ACCESSIBLE DOORS OR GATES UNLESS THE FOLLOWING CONDITIONS ARE MET PER DSA INTERPRETATION 10-08 DSAAC. SUCH CONDITIONS MUST BE CLEARLY DEMONSTRATED AND INDICATED IN THE SPECIFICATIONS:**
 - SUCH HARDWARE HAS A "DOGGING" FEATURE.
 - IT IS DOGGED DURING THE TIME THE FACILITY IS OPEN.
 - SUCH "DOGGING" OPERATION IS PERFORMED ONLY BY EMPLOYEES AS THEIR JOB FUNCTION (NON-PUBLIC USE).
- FINISHES:**
 - RESILIENT FLOORING DEMONSTRATING A COEFFICIENT OF FRICTION OF AT LEAST 0.6 PER ASTM D2047, WILL BE ACCEPTED AS MEETING THE INTENT OF SLIP RESISTANCE.
 - CARPETS SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL-CUT, OR LEVEL-CUT/IN-CUT PILE TEXTURE AND MAXIMUM PILE HEIGHT OF 1/2" PER CBC SECTION 11B-302.2.
 - CARPET EDGES SHALL COMPLY WITH CBC 11B-303.
- SPECIALTIES:**
 - TOILET COMPARTMENTS: CBC SECTION 11B-604.8.1.2 TOILET STALLS FOR DISABLED PERSONS SHALL HAVE SLIDE BOLT DOOR LATCH, U-SHAPE OR WIRE PULLS BOTH SIDES OF THE DOOR AND SELF-CLOSING HINGES. DOORS HARDWARE SHALL BE MOUNTED AT 34" MIN TO 44" MAX ABOVE FINISH FLOOR. DOORS AT FRONT ENTRY STALLS SHALL HAVE 32" MINIMUM CLEAR WIDTH WHEN THE DOOR IS OPEN 90°. DOORS AT SIDE ENTRY STALLS SHALL HAVE 34" MINIMUM CLEAR WIDTH WHEN THE DOOR IS OPEN 90°.
 - TOILET ACCESSORIES: TOILET ACCESSORIES REQUIRED TO BE ACCESSIBLE SHALL BE MOUNTED AT HEIGHTS ACCORDING TO CBC SECTION 11B-213.3. THE GRAB BAR CAN NOT PROJECT MORE THAN 3" MINIMUM CLEAR OF THE WALL FROM THE FRONT OF THE WATER CLOSET 11B-604.8.1.5 / 11B-604.8.2.3. TOILET PAPER AND FEMININE WIPKIN DISPENSERS LOCATED ON THE GRAB BAR SIDE OF AN ACCESSIBLE TOILET ROOM OR STALL SHALL PROJECT MORE THAN THE GRAB BAR. THE ACCESSORY SHALL NOT BE LOCATED CLOSER THAN 1 1/2" CLEAR OF THE TANGENT POINT OF THE GRAB BAR. ACCESSORIES SURFACE MOUNTED ABOVE GRAB BAR WILL RESTRICT USABILITY.
- MECHANICAL:**
 - ACCESSIBLE PLUMBING FIXTURES SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF CBC TABLE 11B-213.2 / 11B-603.2. HEIGHTS AND LOCATION OF ALL FIXTURES SHALL BE ACCORDING TO CBC TABLE 11B-604.9. FIXTURE CONTROLS SHALL COMPLY WITH CBC SECTION 11B-213.2 / 11B-603.2.

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SILVER CREEK INDUSTRIES, INC.

"BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

SYMBOLS LEGEND, ABBREVIATIONS & ADA SIGNAGE

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116126
ACS 2-FLS-JSS Tg
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114110
DATE JUL 1 8 2015

REVISIONS

SILVER CREEK INDUSTRIES
30" x 32" PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

A-0.1

[illegible]

ANOD:	CLEAR ANODIZED ALUMINUM FRAME	DP:	3/16" MINIMUM DUAL PANE TEMPERED GLASS OF SOLAR
BROAZ:	BROWNED ANODIZED ALUMINUM FRAME	GLAZ:	GRAY - 3/16" ENERGYSHIELD, ALL OPERABLE SASH SHALL
PAINT:	PAINTED FRAME		HAVE SCREENS. (U-FACTOR = .510 MAX, VT = 0.500 MIN,
WF:	16GA WELDED FRAME		SHGC = .350 MAX, STC = 36 MIN.)
FRW:	FIRE RATED WINDOW		
	FRAME: MIN 0.048" THICK WELDED FRAME		
FRG:	FIRE RATED GLAZING: 1/4" GLASS. LABELED TO MEET THE REQUIREMENTS FOR A 34 HOUR FIRE		
	WINDOW ASSEMBLY PER CBC SECTION TABLE 715.5		

PROVIDE AT LEAST
ONE ACCESSIBLE
OPERABLE WINDOW
WITH ACCESSIBLE
PUSH HANDLING
TO COMPLY WITH
11B309.4

DOOR NO	WIDTH	HEIGHT	DOOR TYPE	QTY	DOOR MAT/FIN	FRAME MAT/FIN	HARDWARE SET	WALL THICKNESS	NOTES
①	3'-0"	7'-0"	A		HM	KD	HW - 1	5 1/4"	
①P	3'-0"	7'-0"	A1		HM	KD	HW - 2	5 1/4"	
②	3'-0"	7'-0"	A		SCL	KD	HW - 3	5 1/2"	
③	3'-0"	7'-0"	A		HM	KD	HW - 4	4 7/8"	
④	3'-0"	7'-0"	A		HM	KD	HW - 5	4 7/8"	NO CLOSER REQ'D.

HM:	18GA HOLLOW METAL	KD:	KNOCK DOWN FRAME	EXTERIOR DOORS TO BE UNINSULATED SINGLE LAYER DOORS W/ U-FACTOR OF 0.600 MAX
WF:	18GA WELDED FRAME	SC:	SOLID CORE WOOD LEGACY	
AL:	ALUMINUM	HC:	HOLLOW CORE WOOD	
SST:	STAINLESS STEEL	PT:	PAINTED	

The image contains two technical drawings of door types, labeled 'A' and 'A1'.

DOOR TYPE "A": This drawing shows a door with a total width of 3'-0" and a total height of 7'-0". The door is divided into two main vertical sections. The left section is 4'-0" high. The right section is 3'-0" wide. The door has a diagonal brace running from the top-left corner to the bottom-right corner. A handle is located on the right side of the door.

DOOR TYPE "A1": This drawing shows a door with a total width of 3'-0" and a total height of 7'-0". The door is divided into two main vertical sections. The left section is 3'-4" high. The right section is 3'-0" wide. The door has a diagonal brace running from the top-left corner to the bottom-right corner. A handle is located on the right side of the door.

1. DOOR HANDLE FOR LOOKIESIES AND PANIC HARDWARE TO BE CENTERED AT 40" AFF. HARDWARE TO BE OPENED FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL TOOLS, KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
2. ALL DOORS SHALL BE 1 3/4" THICK U.N.O.
3. CLOSER SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 5 LBS AT EXTERIOR AND INTERIOR DOORS.
4. PANIC HARDWARE IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER. CBC 1008.1.10
5. ALL HARDWARE SHALL COMPLY WITH SILVER CREEK'S SPEC'S ON THIS SHEET AND CBC SECTIONS 11B-206.5, 11B-404.1 AND 1008.
6. DOOR CLOSER SHALL BE ADJUSTED TO SO THAT FROM AN OPEN POSITION OF 70°, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LANDING SIDE OF THE DOOR
7. PANIC AND FIRE EXIT HARDWARE, WHERE THIS TYPE HARDWARE IS INSTALLED, IT SHALL COMPLY WITH THE FOLLOWING:
 - THE ACTUATING PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
 - THE MAXIMUM UNLATCHING FORCE SHALL NOT EXCEED 5 LBS PER THE 2013 CBCAPPROVED BY AUTHORITY W/ JURISDICTION, PANIC HARDWARE SHALL COMPLY WITH CBC SECTION 1008.1.10
8. THE FIRE PROTECTION FOR EXTERIOR WALL IS DETERMINED BASED UPON THE FIRE SEPARATION DISTANCE IN WHICH THE WALL IS LOCATED. SEE CBC TABLE 705.8 OR TABLE 602

[illegible]

FLOORING

CARP: CARPET PER STATE OF CALIFORNIA SPECIFICATIONS COMPLYING WITH GROUP 1: TYPE "A" OR TYPE "B", CLASS 2; DENSITY 4600; DIRECT GLUE DOWN

SV: SHEET VINYL FLOORING

VCT: VINYL COMPOSITION TILE

BASE

4" TS: 4" TOP SET BASE

6" TS: 6" TOP SET BASE

SC: 6" SELF-COVE BASE

WALLS

TACK: 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYPSUM BOARD BACKING

FRP: 1/8" FIBER REINFORCED PANEL OVER 1/2" WATER RESISTANT GYPSUM BOARD

GYP: 1/2" GYPSUM BOARD; TAPE, TEXTURE; PAINTED FINISH

PLY: 1/2" PLYWOOD FINISH

NP: NO FINISH

CEILING

CP: ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATION NOTES ON REFLECTED CEILING PLAN)

HC: 5/8" GYPSUM BOARD, TAPE; TEXTURE; PAINTED FINISH (HARD LID CEILING)

GBP: 1/2" GYPSUM BOARD WASHABLE PANELS (PAINTED)

1. ALL FINISHES SHALL COMPLY WITH CBC, CFC AND TITLE 19 CCR.
2. PREPARATION FOR SUB-FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB-FLOOR IS 2x4. PLYWOOD, OUTER PLYWOOD IS PLUGGED AND TOUCH SANDED. ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODLINE SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.
3. RESILIENT FLOORING DEMONSTRATING A COEFFICIENT OF FRICTION OF AT LEAST 0.6 PER ASTM D2047, WILL BE ACCEPTED AS MEETING THE INTENT OF SLIP RESISTANCE.
4. CARPET SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, OR LEVEL CUT / UN CUT PILE TEXTURE AND MAXIMUM PILE HEIGHT OF 1/2" PER THE 2013 CBC. CARPET EDGE SHALL COMPLY WITH THE 2013 CBC
5. INTERIOR WALL AND CEILING FINISHES SHALL HAVE A MIN CLASS "C" RATING. FLAME SPREAD INDEX 70-200 & SMOKE DEVELOPED INDEX 0-450 PER 2013 CBC 803.

<u>CLASSROOM -</u>		<u>EXTERIOR DOOR HW-2</u>	
LOCKSET	SCHLAGE ND70PDRH0626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
CLOSER	NORTON 8501 BFDA	Finish 689	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
<u>DOOR W/ PANIC HARDWARE -</u>		<u>EXTERIOR DOOR HW-2</u>	
EXIT DEVICE	VON DUPRIN AX-89L-2PA w/ SCHLAGE rim cylinder	Finish Alum	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
CLOSER	NORTON 8501 BFDA	Finish 689	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
<u>STAFF RESTROOM / SINGLE OCCUPANCY -</u>		<u>INTERIOR DOOR HW-3</u>	
LOCKSET	SCHLAGE ND40SRH0626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER 1279 4 1/2" x 4 1/2"	Finish 26D	or equal
<u>BOYS & GIRLS RESTROOM -</u>		<u>EXTERIOR DOOR HW-4</u>	
LOCKSET	SCHLAGE ND70PDRH0626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
CLOSER	NORTON 8501 BFDA (OPTIONAL)	Finish 689	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	or equal
<u>STAFF RESTROOM -</u>		<u>EXTERIOR DOOR HW-5</u>	
LOCKSET	SCHLAGE ND85PDRH0626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	or equal

MOISTURE PROTECTION INSULATION:

DESCRIPTION OF WORK: THE FURNISHING AND INSTALLING OF ALL INSULATION FOR ALL CEILING, FLOOR AREAS, AND EXTERIOR WALLS. (CLASS A = 0-25 FLAME SPREAD.) SMOKE DEVELOPMENT DENSITY LESS THAN 400.

MATERIAL: INSULATING MATERIAL FOR WALLS, CEILINGS, AND FLOORS SHALL BE FIBERGLASS BATTS (UNFACED) AND SHALL COMPLY WITH CBC 720.2 & 720.3. INSULATION SHALL BE A8 MANUFACTURED BY OWENS-CORNING FIBERGLASS CORPORATION, JOHNS-MANVILLE, CERTAINTEC, OR EQUAL.

INSULATION VALUES

SEE SHEETS A-6, A-7 FOR REQUIRED INSULATION VALUES PER CLIMATE ZONE

EXTERIOR WALL INSULATION (MIN.)

☐ R-13 (2x4)
☒ R-19 (2x6)
☐ R-30 (2x8)

INTERIOR WALL INSULATION (MIN.)

R-13

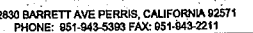
FLOOR INSULATION (MIN.)

☐ NONE
☐ R-13
☐ R-19

ROOF INSULATION (MIN.)

☐ R-19
☐ R-30
☐ R-36
☐ R-19 BETWEEN JOISTS AND R-19 BELOW JOISTS

SILVER CREEK INDUSTRIES, INC.



PROJECT NAME:

SHEET TITLE:

Professional Engineer Seal for Jack R. Trivelpiece III, State of California, License C-35487, expires 01-31-2019.

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116 126

ACS 2 FLS 1 SS Ty
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

PC 04-114119

AC *12* FLS *12* SS *RAF*
DATE JUL 16 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

SCALE: AS NOTED

DATE: 06-12-19

P.C. SHEET NUMBER

A-0.2

A-0.5B

A-0.5C

Lydia Barron

[illegible][illegible]

1. Name of the building: **INDOOR LIGHTING - LIGHTING CONTROLS**
 2. Name of the building owner: **THE UNIVERSITY OF CALIFORNIA**
 3. Name of the building manager: **INDOOR LIGHTING - LIGHTING CONTROLS**
 4. Name of the building engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 5. Name of the building electrician: **INDOOR LIGHTING - LIGHTING CONTROLS**
 6. Name of the building contractor: **INDOOR LIGHTING - LIGHTING CONTROLS**
 7. Name of the building architect: **INDOOR LIGHTING - LIGHTING CONTROLS**
 8. Name of the building interior designer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 9. Name of the building mechanical engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 10. Name of the building structural engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 11. Name of the building environmental engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 12. Name of the building fire engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 13. Name of the building security engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 14. Name of the building accessibility engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 15. Name of the building sustainability engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 16. Name of the building energy engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 17. Name of the building water engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 18. Name of the building waste engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 19. Name of the building air engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 20. Name of the building noise engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 21. Name of the building vibration engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 22. Name of the building thermal engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 23. Name of the building acoustical engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 24. Name of the building lighting engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 25. Name of the building heating engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 26. Name of the building cooling engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 27. Name of the building power engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 28. Name of the building communication engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 29. Name of the building information technology engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 30. Name of the building data engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 31. Name of the building network engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 32. Name of the building security system engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 33. Name of the building fire alarm engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 34. Name of the building access control engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 35. Name of the building surveillance engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 36. Name of the building intrusion detection engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 37. Name of the building perimeter security engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 38. Name of the building threat detection engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 39. Name of the building incident response engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 40. Name of the building disaster recovery engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 41. Name of the building business continuity engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 42. Name of the building risk management engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 43. Name of the building compliance engineer: **INDOOR LIGHTING - LIGHTING CONTROLS**
 44. Name of the building legal counsel: **INDOOR LIGHTING - LIGHTING CONTROLS**
 45. Name of the building insurance broker: **INDOOR LIGHTING - LIGHTING CONTROLS**
 46. Name of the building financial advisor: **INDOOR LIGHTING - LIGHTING CONTROLS**
 47. Name of the building tax advisor: **INDOOR LIGHTING - LIGHTING CONTROLS**
 48. Name of the building accounting firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 49. Name of the building law firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 50. Name of the building engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 51. Name of the building architecture firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 52. Name of the building interior design firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 53. Name of the building mechanical engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 54. Name of the building structural engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 55. Name of the building environmental engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 56. Name of the building fire engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 57. Name of the building security engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 58. Name of the building accessibility engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 59. Name of the building sustainability engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 60. Name of the building energy engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 61. Name of the building water engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 62. Name of the building waste engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 63. Name of the building air engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 64. Name of the building noise engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 65. Name of the building vibration engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 66. Name of the building thermal engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 67. Name of the building acoustical engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 68. Name of the building lighting engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 69. Name of the building heating engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 70. Name of the building cooling engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 71. Name of the building power engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 72. Name of the building communication engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 73. Name of the building information technology engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 74. Name of the building data engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 75. Name of the building network engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 76. Name of the building security system engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 77. Name of the building fire alarm engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 78. Name of the building access control engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 79. Name of the building surveillance engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 80. Name of the building intrusion detection engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 81. Name of the building perimeter security engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 82. Name of the building threat detection engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 83. Name of the building incident response engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 84. Name of the building disaster recovery engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 85. Name of the building business continuity engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 86. Name of the building risk management engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 87. Name of the building compliance engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 88. Name of the building legal counsel: **INDOOR LIGHTING - LIGHTING CONTROLS**
 89. Name of the building insurance broker: **INDOOR LIGHTING - LIGHTING CONTROLS**
 90. Name of the building financial advisor: **INDOOR LIGHTING - LIGHTING CONTROLS**
 91. Name of the building tax advisor: **INDOOR LIGHTING - LIGHTING CONTROLS**
 92. Name of the building accounting firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 93. Name of the building law firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 94. Name of the building engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 95. Name of the building architecture firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 96. Name of the building interior design firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 97. Name of the building mechanical engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 98. Name of the building structural engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 99. Name of the building environmental engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**
 100. Name of the building fire engineering firm: **INDOOR LIGHTING - LIGHTING CONTROLS**

Digitally signed by Lydia Barron
DN: cn=Carolina, o=San Mateo, ou=California Department of General Services, c=Division of the State Architect
c=www.verify.com, n=verify@CSInc.com, y=RAJ.AJAB@ETC.COM, email=raj@etrcenter.com, o=Enron, email=lydia.barron@gs.ca.gov
Date: 2011.06.10 12:13:06 -0700

A-0.6C

Lydia Barron

30'X30' BUILDING - WOOD STUDS - WOOD FLOOR - WALL MOUNTED HEAT PUMP - ANY ROOF TYPE	
ALL ZONES (MIN DESIGN)	
ZONE #	1 - 16
Wall (min. R value)	19
Floor (min. R value)	19
Roof (min. R value)	30
HVAC	
Max. Tonnage	5
Min. EER	9
Occupancy Sensor	YES
DCV	YES

15'X15' BUILDING - WOOD STUDS - WOOD FLOOR - WALL MOUNTED HEAT PUMP - ANY ROOF TYPE	
ALL ZONES (MIN DESIGN)	
ZONE #	1 - 16
Wall (min. R value)	19
Floor (min. R value)	19
Roof (min. R value)	30
HVAC	
Max. Tonnage	5
Min. EER	9
Occupancy Sensor	YES
DCV	YES

30'x32' BUILDING - WOOD STUDS - CONCRETE FLOOR - WALL MOUNTED HEAT PUMP - ANY ROOF TYPE	
ALL ZONES (MIN DESIGN)	
ZONE #	1 - 15
Wall (min. R value)	19
Floor (min. R value)	19
Roof (min. R value)	50
HVAC	
Max. Tonnage	5
Min. EER	9
Occupancy Sensor	YES
DCV	YES

150'x32' BUILDING - WOOD STUDS - CONCRETE FLOOR - WALL MOUNTED HEAT PUMP - ANY ROOF TYPE	
ALL ZONES (MIN DESIGN)	
ZONE #	1 - 15
Wall (min. R value)	13
Floor (min. R value)	19
Roof (min. R value)	30
HVAC	
Max. Tonnage	5
Min. EER	9
Occupancy Sensor	YES
DCV	YES

LEGEND

Occupancy Sensor: Ceiling mounted occupancy sensor with dimming controls. Automatic on for low level lighting only, full by manual activation.

DCV: Demand Control Ventilation

NOTE

Buildings utilizing an exterior wall constructed of steel stud framing that have min. RA continuous rigid insulation (EPS or EXX materials) on the interior side of the wall Windows that be IRC R-30 (uninsulated vinyl double or triple) or equal (Min) U-Factor = .10 (Max), SHGC = .350 (Max), Visual Transmittance > 0.500 (Min)

Doors shall be hollow metal, uninsulated single layer doors (Min), U-Factor = 0.300 (Max)

** Buildings located in climate zone 15 shall utilize a 5kw electric resistance heating strip for supplemental heating.

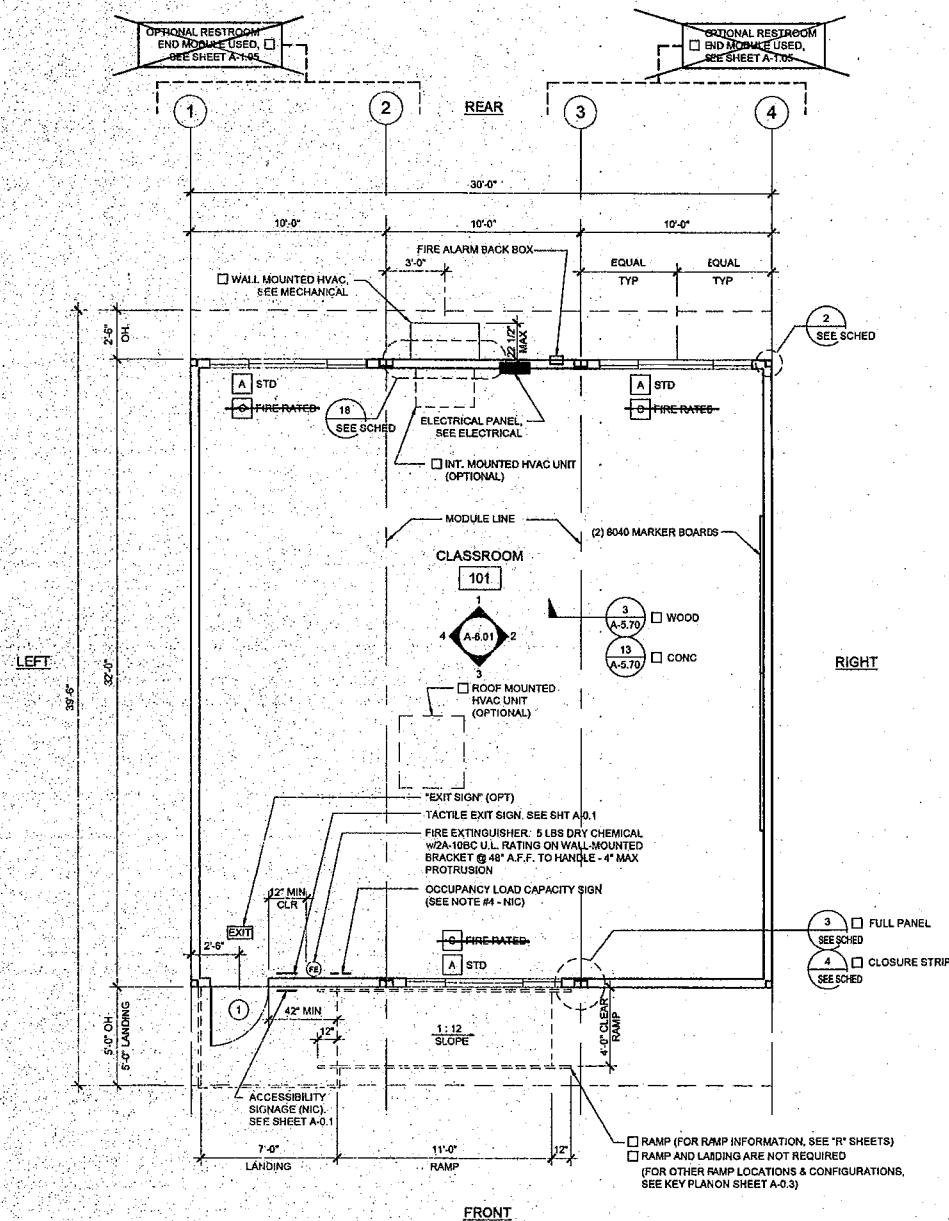
PROJECT NAME:

ARCHITECT OF RECORD
SUBMISSION DATE

HVAC, REFRIGERATION AND FIRE SUPPRESSION SYSTEMS SHALL NOT CONTAIN CFCs OR HALONS.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

A-0.7



OPTION - A FLOOR PLAN "AS SHOWN" (LEFT HAND DOOR)
 OPTION - B FLOOR PLAN "OPPOSITE" (RIGHT HAND DOOR)

RATED CONSTRUCTION

ALL RATED CONSTRUCTION (BOTH VERTICAL AND HORIZONTAL) MUST BE CLEARLY DEFINED, CORRECTLY IDENTIFIED, DETAILED, AND LISTED IN ACCORDANCE WITH CBC CHAPTERS 3, 5, 6, 7 & 10 (FIRE PARTITIONS, BARRIERS, WALLS, SHAFTS, EGRESS PROTECTION, CEILINGS, OPENING PROTECTION, PENETRATION, STRUCTURAL MEMBERS, ETC.)

PROVIDE AND CROSS-REFERENCE INSULATION DETAILS, SPECIFYING ASSEMBLY LISTING NUMBERS FOR ALL REQUIRED DESIGN ELEMENT. THESE DETAILS, INCLUDING ALL COMPONENTS AND ATTACHMENT SCHEDULE FOR FIRE-RESISTIVE MATERIALS TO THE FRAMING, SHALL CONFORM IN EVERY PARTICULAR WITH THE DESIGN NUMBER SPECIFIED.

PROVIDE AND CROSS-REFERENCE CONNECTION DETAILS AT ALL WALL TERMINATIONS (HEAD, BASE AND END) DEMONSTRATING CONTINUITY PER CBC 706.5.

PROVIDE AND CROSS-REFERENCE DETAILS OF ALL PENETRATIONS & OPENING PROTECTION IN RATED ASSEMBLIES.

COORDINATE PENETRATION PROTECTION REQUIREMENTS WITH ALL DESIGN ELEMENTS (ELECTRICAL, MECHANICAL, PLUMBING, STRUCTURAL, FIRE ALARMS, SPRINKLERS, ETC.)

NOTES

- PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. (PER IR 16-1.13)
 (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURER'S NAME, SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED, EXPOSURE CATEGORY, Kz + 1.0, 2015 CBC, DESIGN CLIMATE ZONE, SEISMIC PARAMETER S_s.
- VINYL TACKBOARD INTERIOR FINISH SHALL COMPLY WITH CBC SECTION 903.7.
- LOCATIONS OF DOORS AND WINDOWS MAY VARY PER JOB. (IF THE NUMBER OF WINDOWS INCREASE, A NEW TITLE 24 SHALL BE SUBMITTED TO DSA)
- POSTING OF OCCUPANCY LOAD SIGNS SHALL COMPLY WITH CBC 1004.3 & TITLE 19 C.C.R. (NOT IN MODULAR MANUFACTURER'S SCOPE OF WORK)
- IF BUILDING IS TO BE RELOCATED, SEE RELOCATION SHEETS REL-101 & REL-102.
- FOR BUILDINGS THAT ARE MANUFACTURED IN-PLANT, THE IN-PLANT INSPECTOR IS TO ATTACH A VERIFIED REPORT INSIDE EACH BUILDING, WHICH SHALL INDICATE THE MANUFACTURER'S NAME AND THE SERIAL NUMBER FOR EACH BUILDING MODULE AS WELL AS THE DSA FILE AND APPLICATION NUMBERS. PER IR-16-1.13

DETAIL SCHEDULE

FINISH:	SHEET #:
☐ SIDING OVER WOOD STUDS	A-5.50
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
☒ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

FOR APPLICABLE FIRE OPTIONS
 (RESTROOM/INTERIORS/ETC.)
 REFER TO SHEET(S) A-1.04/P-1.01

WALL LEGEND

- NOMINAL 4" WALL STUD ☐
- NOMINAL 6" WALL STUD ☒
- NOMINAL 8" WALL STUD ☐
- WINDOW PER SCHEDULE SHEET A-0.2
- DOOR PER SCHEDULE SHEET A-0.2

NOTE:
 IF PARAPET IS USED & HIGHER THAN 10', END WALLS MUST BE 2x6 @ 24" O.C.

THIS PLAN MAY INCLUDE THE VARIOUS EXERCISABLE OPTIONS APPLICABLE TO THE PC SUCH AS PARTITION WALLS, PLUMBING, ETC. FOR REFERENCE PURPOSES. OPTIONS CAN BE APPLIED AS REQUIRED TO THE PC'S BUILDING SIZES

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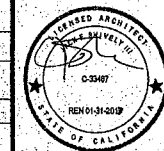


2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

FLOOR PLAN
 30' x 32'



ARCHITECT OF RECORD
 SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04116126
 ACS 2 FL 5 SS TH
 DATE 4/13/19

ORIGINAL PC STATE AGENCY APPROVAL

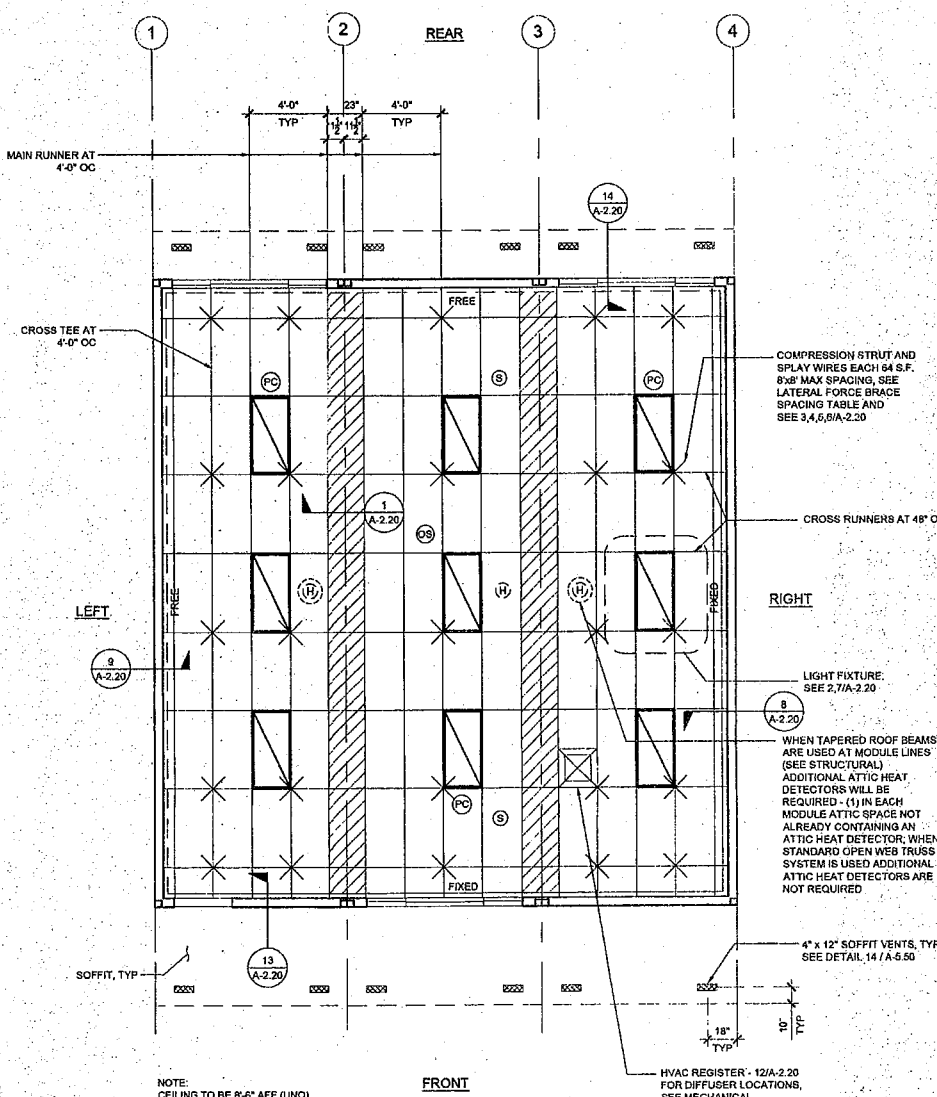
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 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114119
 ACS 2 FL 5 SS RAE
 DATE JUL 18 2015

REVISIONS
 A-1.01

SILVER CREEK INDUSTRIES
 30' x 32' PC (HIGH SEISMIC)

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 06-12-15
 P.C. SHEET NUMBER

A-1.01



LEGEND

T-BAR CEILING

FIELD INSTALLED PANEL AT MODULE LINE

2' x 4' RECESSED LIGHT FIXTURE

OPTIONAL 1' x 4' RECESSED LIGHT FIXTURE

SPLAY WIRE

RETURN AIR REGISTER

SUPPLY AIR REGISTER

CEILING EXHAUST FAN

CEILING MOUNTED OCCUPANCY SENSOR

CEILING MOUNTED PHOTOCELL

CEILING MOUNTED SMOKE DETECTOR

ATTIC MOUNTED HEAT DETECTOR

NOTE:
FOR ALL REFLECTED CEILING NOTES
SEE SHEET A-0.1

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SILVER CREEK INDUSTRIES, INC.

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

REFLECTED CEILING PLAN

30' x 32'

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116126

ACS: FLS SS: TJ
DATE: 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

PC 04-114119

AC: FLS SS: RAF
DATE: JUL 16 2015

LATERAL FORCE BRACE SPACING	
DESIGN SPECTRAL ACCELERATION PARAMETER (S_{DS})	BRACE ASSEMBLY SPACING
LESS THAN OR EQUAL TO 1.15	12' x 12' - FULL BUILDING HEIGHT
GREATER THAN 1.15 AND LESS THAN OR EQ. TO 1.73	8' x 12' - FOR z/h GREATER THAN 0.5 12' x 12' FOR z/h LESS THAN OR EQUAL TO 0.5
GREATER THAN 1.73	8' x 8' FOR z/h GREATER THAN 0.5 8' x 12' FOR z/h LESS THAN OR EQUAL TO 0.5

z = HEIGHT IN STRUCTURE OF POINT OF ATTACHMENT OF CEILING W/ RESPECT TO BASE.
 h = AVERAGE ROOF HEIGHT OF THE STRUCTURE WITH RESPECT TO THE BASE.
THERE SHALL BE A BRACE ASSEMBLY A DISTANCE NOT MORE THAN 1/2 OF THE ABOVE SPACING FROM EACH SURROUNDING WALL & EXPANSION JOINT.

T-BAR SCHEDULE	
ARMSTRONG PART NUMBERS ICC-ES ESR-1308	
MAIN RUNNER: 7301	
4' CROSS TEE: XL7341	
2' CROSS TEE: XL7328	
STANDARD 7/8" WALL ANGLE WITH BERC-2 CLIP (ICC #ESR-1308) 2"	
WALL ANGLE: 7810 (OPTIONAL)	

REVISIONS

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

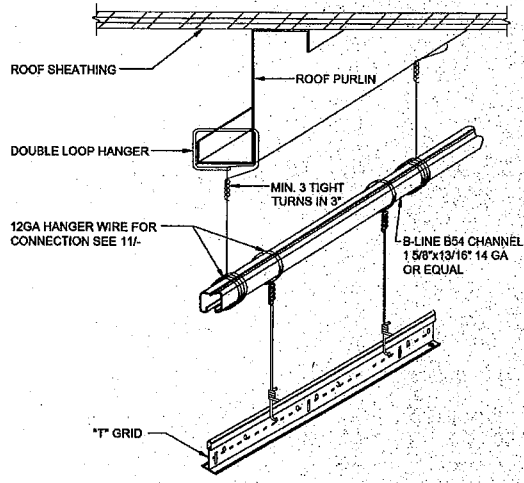
DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

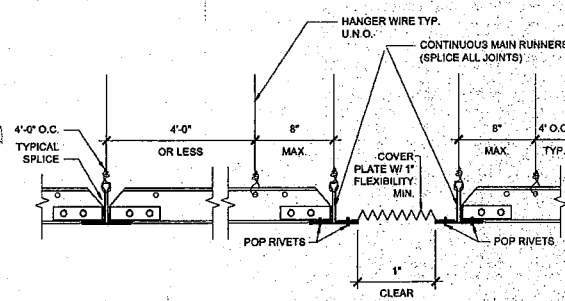
A-2.01



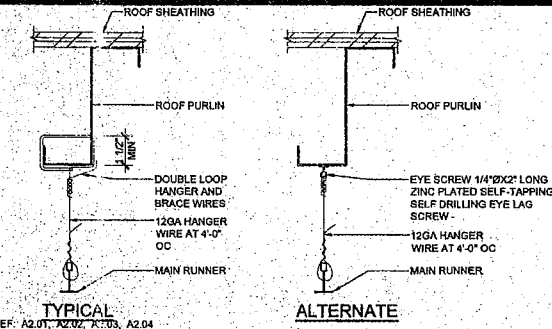
TRAPEZE DETAIL

FIXED SIDE

FREE SIDE



GRID SEISMIC SEPARATION JOINT

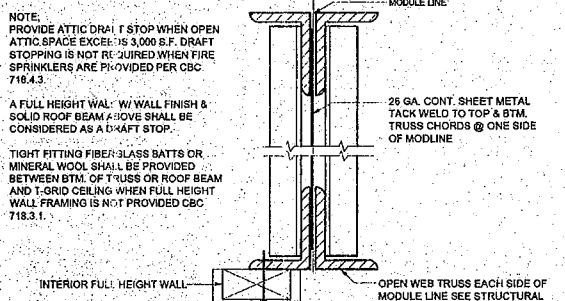


HANGER WIRE DETAIL

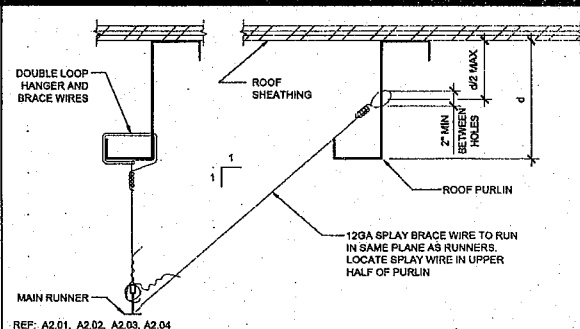
HVAC REGISTER MOUNTING

FIXED SIDE (ENDWALL)

FREE SIDE (ENDWALL)



ATTIC DRAFT STOP

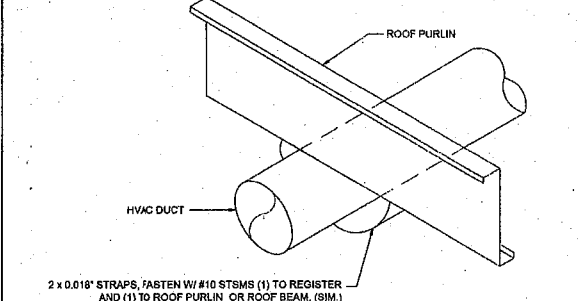


SPLAY BRACING WIRE

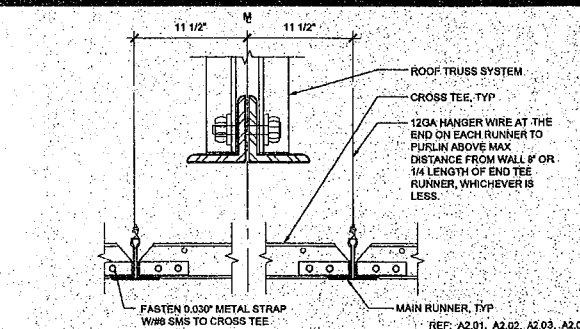
LIGHT FIXTURE MOUNTING

FIXED SIDE (SIDEWALL)

FREE SIDE (SIDEWALL)



HVAC DUCTWORK MOUNTING

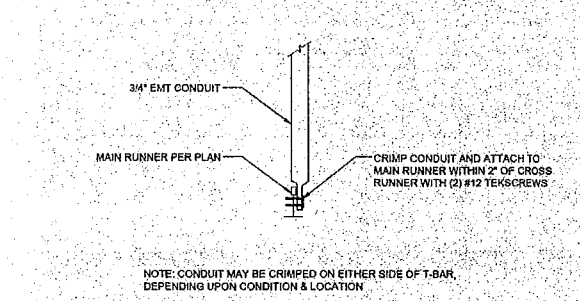


GRID AT MIDLINE

4' CROSS TEE AT LIGHTS

SEISMIC SPLAY - 4 WAY

COMPRESSION STRUT



COMPRESSION STRUT

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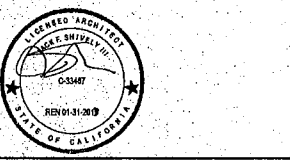
SILVER CREEK INDUSTRIES, INC.



2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:
**CEILING DETAILS
T-GRID**



ARCHITECT OF RECORD
SUBMISSION DATE:

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116126
ACS FLS SS T4
DATE 4/13/19

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
ACS FLS SS R4F
DATE JUL 16 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 08-12-15
P.C. SHEET NUMBER

A-2.20

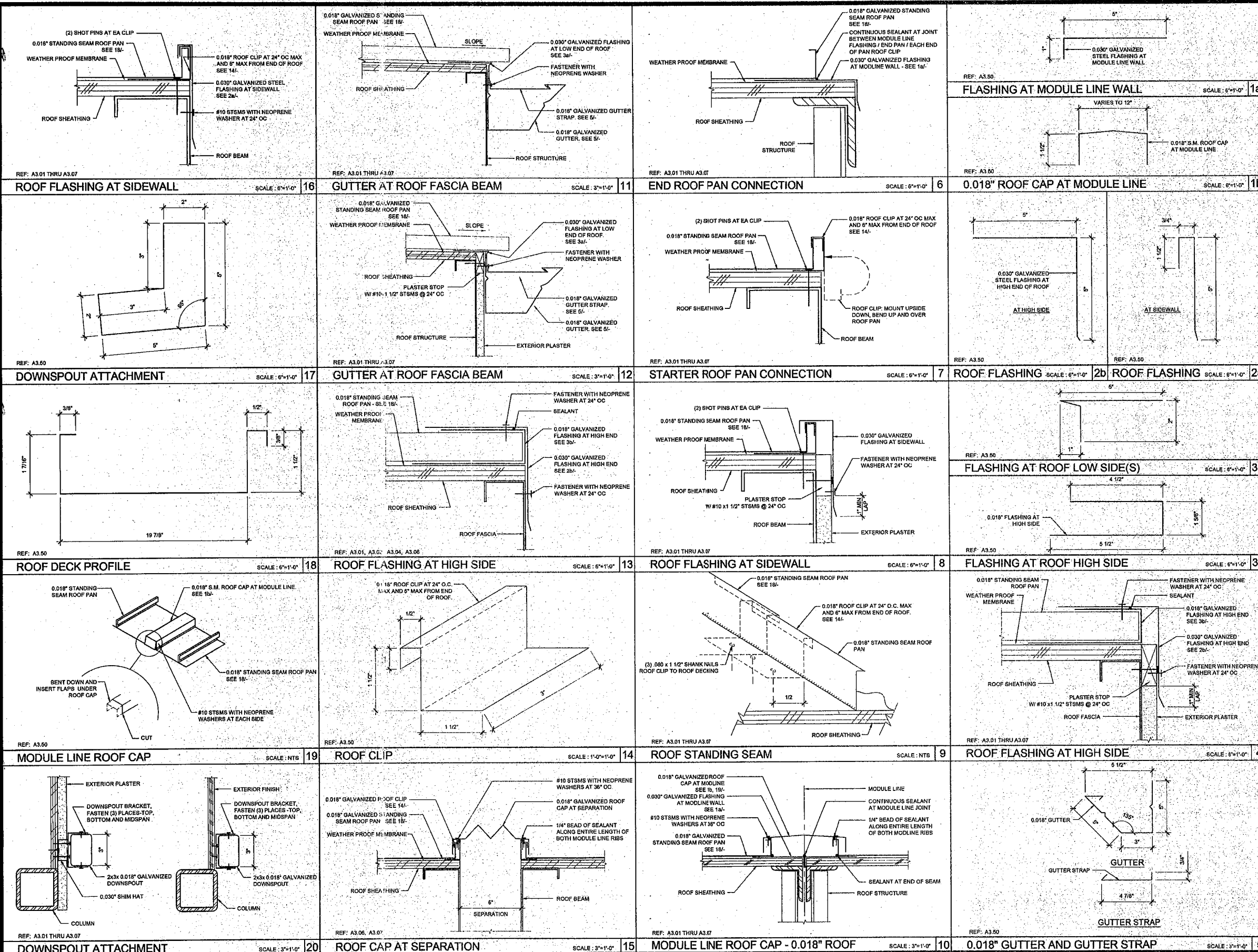


SCALE 1/4" = 1'-0"



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

- A-3.01**



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SILVER CREEK
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-843-5393 FAX: 951-843-2211

PROJECT NAME: _____

SHEET TITLE:
ROOF DETAILS
0.018" STANDING SEAM
ROOF DECK

ARCHITECT OF RECORD
SUBMISSION DATE: _____

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116126
ACS FLS SS
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
ACS FLS SS
DATE JUL 16 2015

REVISIONS

NO.	DESCRIPTION	DATE

SILVER CREEK INDUSTRIES
37 x 32 PC (HIGH SEISMIC)

PROJECT NO: _____

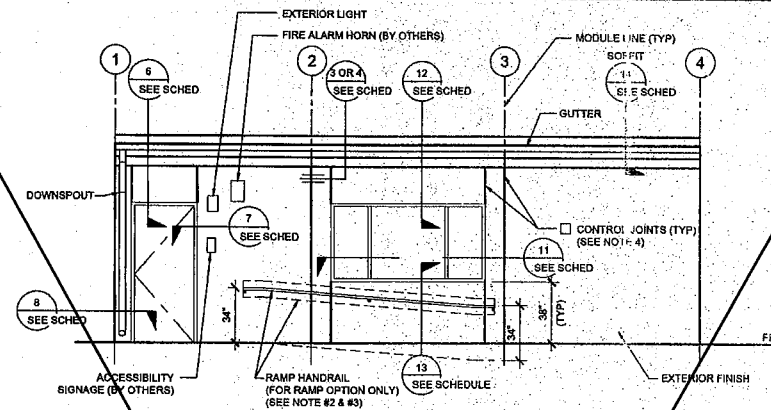
DRAWN BY: _____

SCALE: AS NOTED

DATE: 06-12-15

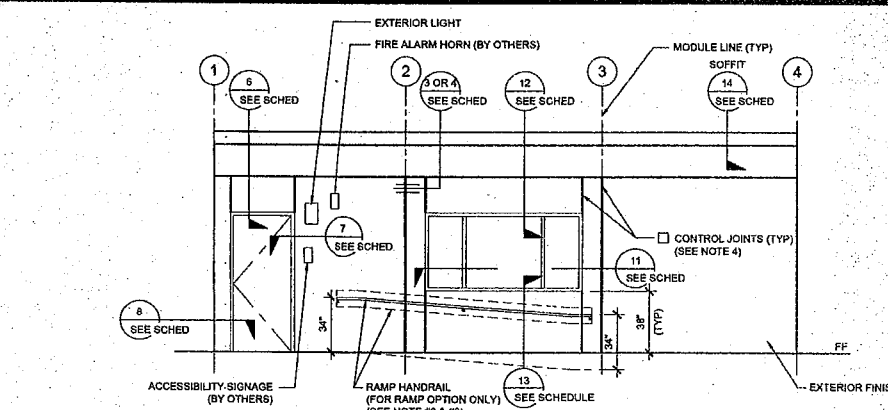
P.C. SHEET NUMBER

A-3.50



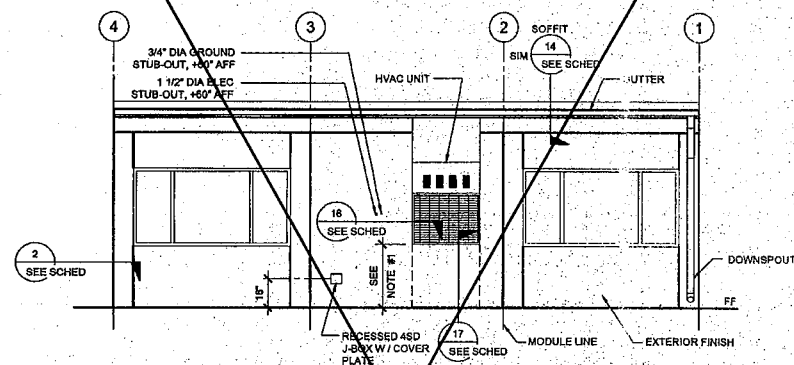
EXTERIOR ELEVATIONS - FRONT - DUAL SLOPE

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



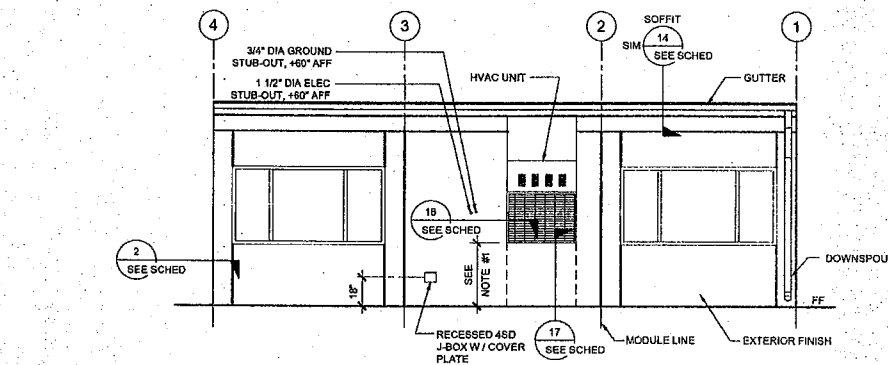
EXTERIOR ELEVATIONS - FRONT - MONO SLOPE

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



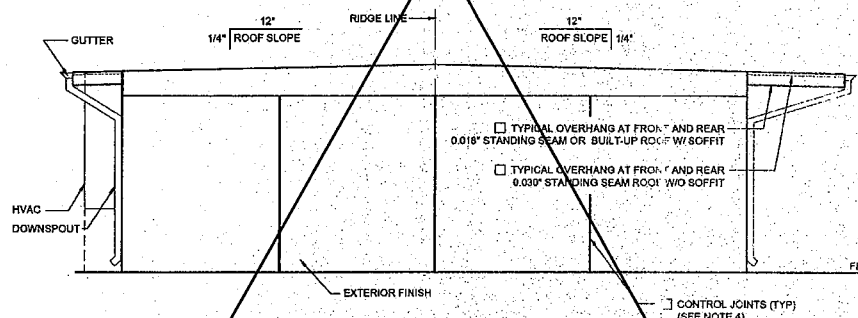
EXTERIOR ELEVATIONS - REAR - DUAL SLOPE

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



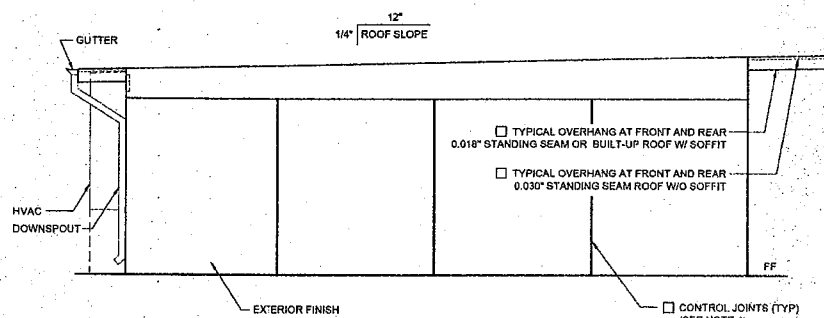
EXTERIOR ELEVATIONS - REAR - MONO SLOPE

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



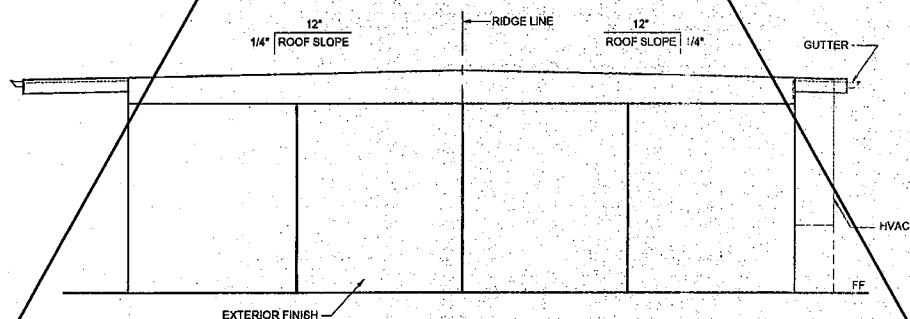
EXTERIOR ELEVATIONS - LEFT - DUAL SLOPE

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



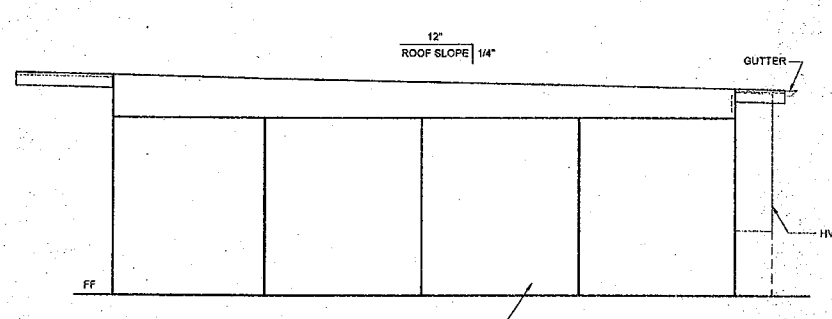
EXTERIOR ELEVATIONS - LEFT - MONO SLOPE

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



EXTERIOR ELEVATIONS - RIGHT - DUAL SLOPE

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



EXTERIOR ELEVATIONS - RIGHT - MONO SLOPE

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

NOTES (EXTERIOR ELEVATION)

1. PROVIDE PROTECTION RAIL AROUND HVAC UNIT(S) IF LOCATED IN A PEDESTRIAN WAY IF THE HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" (N/C). REFERENCE TO DET. # 2/A5.81 FOR WOOD STUDS, # 17/A5.81 FOR STEEL STUDS.
2. RAMP (WHERE OCCURS), NOT SHOWN FOR CLARITY.
3. WALL BEYOND HANDRAIL SHALL NOT HAVE ANY SHARP OR ABRASIVE SURFACE ADJACENT TO HANDRAILS. (GRIND SMOOTH ALL METAL RAILING CONNECTIONS - SMOOTH SURFACE TO EXTEND 6" ABOVE HANDRAIL)
4. FOR PLASTER ONLY, PROVIDE CONTROL JOINT AT EACH MODLINE, ON END WALLS, 10'-0" OC AT SIDE WALLS, AND /OR ABOVE AND BELOW OPENINGS. WHERE FIRE RATED WALLS ARE REQUIRED, MATERIALS AND METHODS OF CONSTRUCTION USED TO PROTECT JOINTS WILL COMPLY WITH CBC SECTION 703.2 AND 705.
5. HANDRAIL IS NOT ALLOWED AT PLASTER WALL OPTION WHERE RAMP & HANDRAIL IS AGAINST THE WALL. SEE DETAIL 1/R-1.02 FOR ALTERNATE RAMP APPLICATION.
6. EXTERIOR PROJECTIONS THAT ARE REQUIRED TO BE FIRE PROTECTED SHALL COMPLY W/ SECTION 705 AND 1406, 2013 CBC.

DETAIL SCHEDULE

EXTERIOR FINISH:	SHEET #:
☒ SIDING OVER WOOD STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY	A-5.61
WITH WOOD STUDS	
☐ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY	A-5.61
WITH STEEL STUDS	

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY	A-5.63
WITH WOOD STUDS	
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY	A-5.63
WITH STEEL STUDS	

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SILVER CREEK INDUSTRIES, INC.

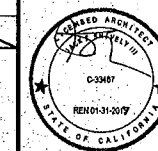


2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

EXTERIOR ELEVATION
30' X 32'
MONO + DUAL SLOPE



ARCHITECT OF RECORD
SUBMISSION DATE

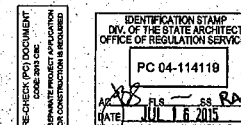
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116 126

ACS: *ACS* *SS* *ty*
DATE: *7/13/17*

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

1	
2	
3	
4	
5	
6	
7	
8	

SILVER CREEK INDUSTRIES
30' X 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

A-4.01

DETAIL SCHEDULE	
FINISH:	SHEET #:
☒ SIDING OVER WOOD STUDS	A-5.50
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
☐ SIDING OVER STEEL STUDS	A-5.52
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.53
FIRE RATED DETAIL SCHEDULE	
FINISH:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.53
FLOOR OPTION	
☒ WOOD FLOOR	
☐ CONCRETE FLOOR	

NOTES

MOISTURE PROTECTION AND CAULKING:
GENERAL: FURNISH AND INSTALL ALL CAULKING AS REQUIRED TO PROVIDE A WEATHERTIGHT BUILDING.
MATERIALS: SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONE CAULKING.
APPLICATIONS: AT JOINTS WHERE SHOWN, APPLY SEALANT AS FOLLOWS - JOINTS SHALL BE CLEAN, DRY, AND FREE FROM DUST, WAX, AND FOREIGN MATERIALS. SEALANT SHALL BE APPLIED WITH A GUN IN A STRICT COMPLIANCE WITH MANUFACTURER'S DIRECTIONS. COMPLETELY FILL THE JOINT AND FIRMLY TOOL AGAINST THE BACKING, MAKING A SMOOTH CONVEX BEAD. COLOR: COLOR OF MATERIAL SHALL MATCH THAT OF ADJACENT FINISHED SURFACES.

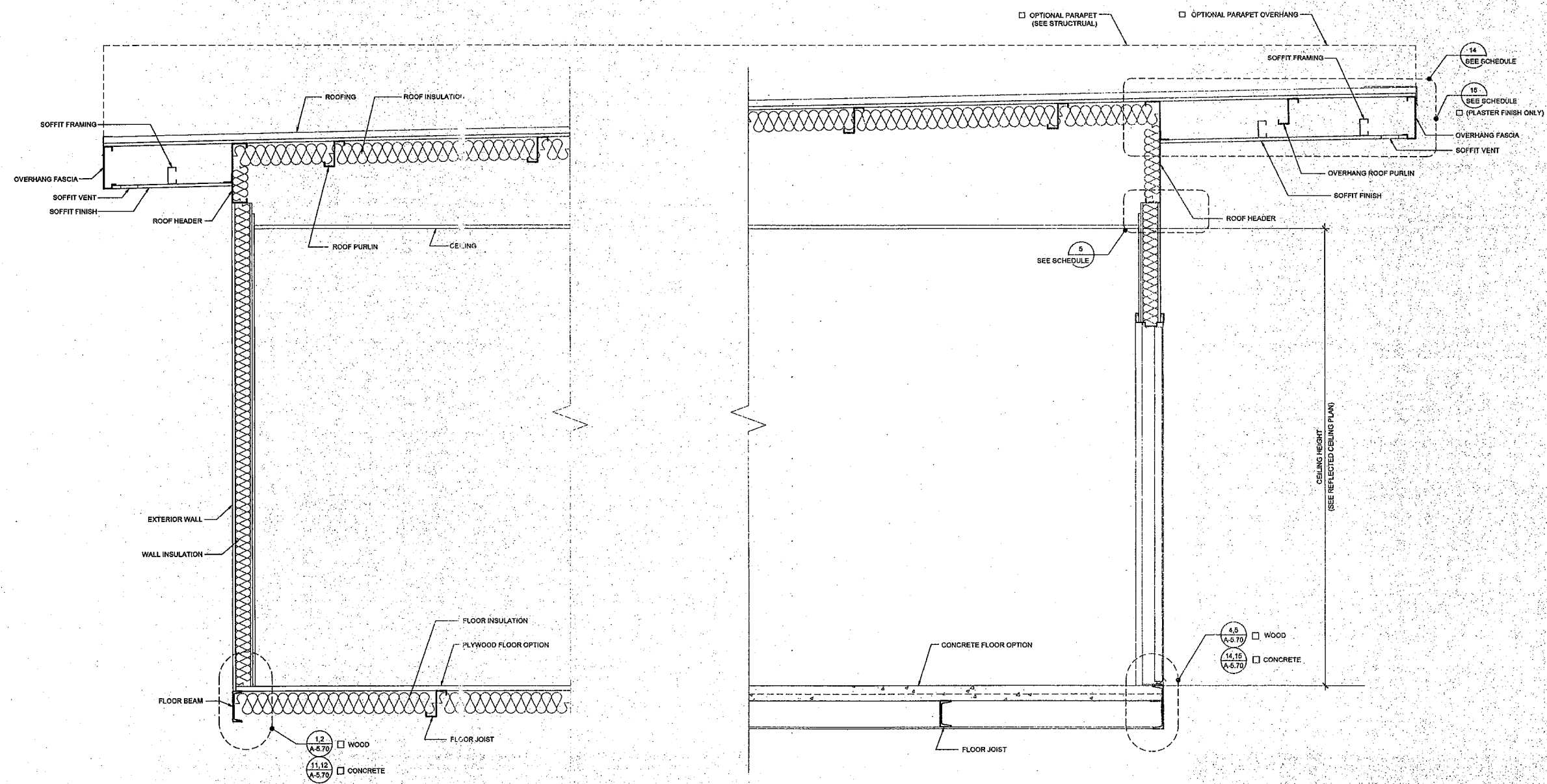
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SILVER CREEK INDUSTRIES, INC.

SILVER CREEK

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:



SHEET TITLE:

CROSS SECTION
MONO SLOPE
0.018" OR BUILT UP ROOF DECK
OR PARAPET

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118126
ACS FILE # 15
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
ACS FILE # 15
DATE JUL 16 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 05-12-15

P.C. SHEET NUMBER

A-5.01

BUILDING SECTION

SCALE: 1" = 1'-0" 1

DETAIL SCHEDULE	
FINISH:	SHEET #:
☐ SIDING OVER WOOD STUDS	A-5.50
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
☐ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61
FIRE RATED DETAIL SCHEDULE	
FINISH:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63
FLOOR OPTION	
☒ WOOD FLOOR	
☐ CONCRETE FLOOR	

NOTES

MOISTURE PROTECTION AND CAULKING:
GENERAL: FURNISH AND INSTALL ALL CAULKING AS REQUIRED TO PROVIDE A WEATHERTIGHT BUILDING.
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COLOR: COLOR OF MATERIAL SHALL MATCH THAT OF ADJACENT FINISHED SURFACES.

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SILVER CREEK INDUSTRIES, INC.

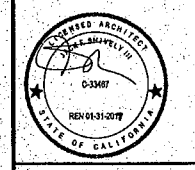
SILVER CREEK

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

CROSS SECTION



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04-116126

ACS: FLS SS TS
DATE: 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (P.O. DOCUMENT)
CONSTRUCTION DOCUMENTS
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

PC 04-114118

AC: FLS SS RAE
DATE: JUL 16 2015

REVISIONS

1	
2	
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8	
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SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

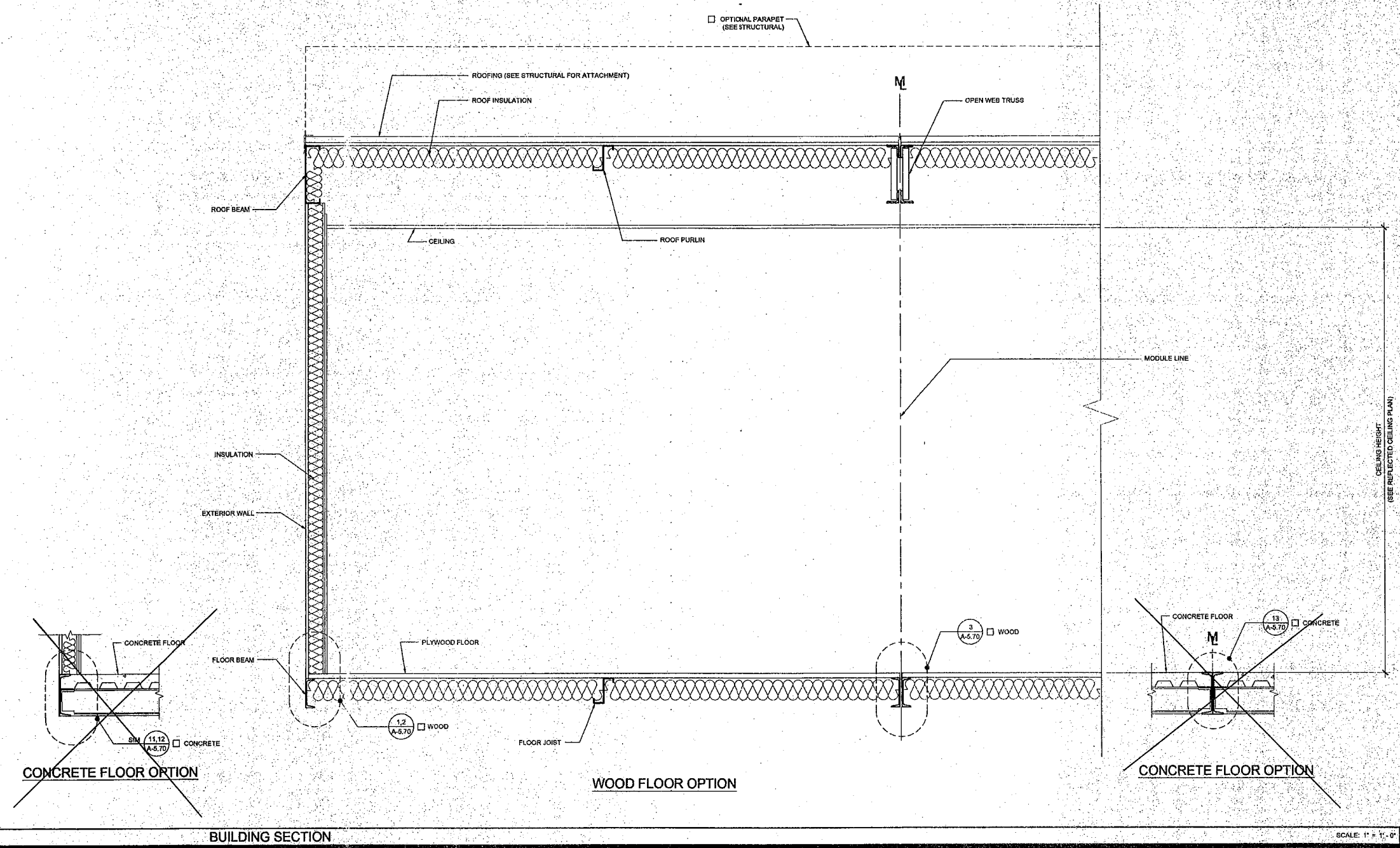
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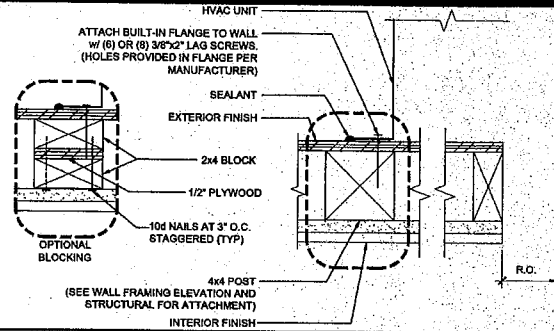
SCALE: AS NOTED

DATE: 06-12-15

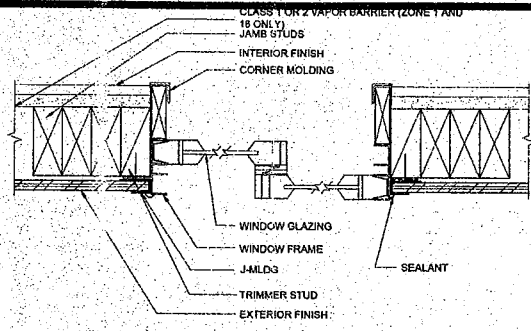
P.C. SHEET NUMBER

A-5.05

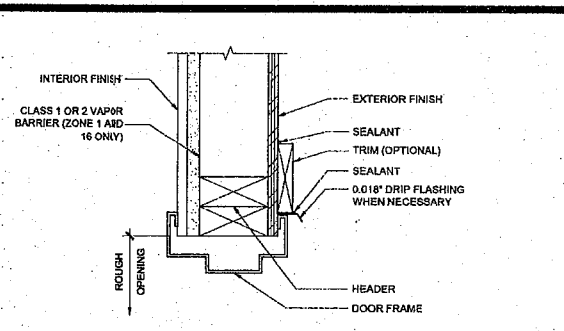




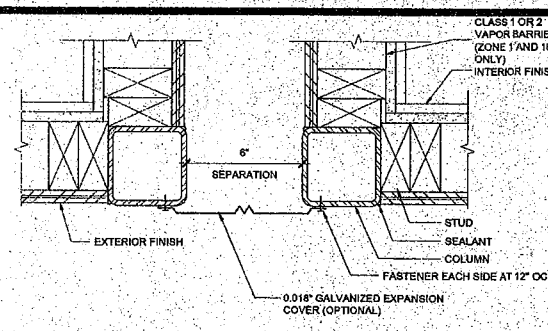
HVAC MOUNT AT JAMBS SCALE: 3/4"=1'-0" 16



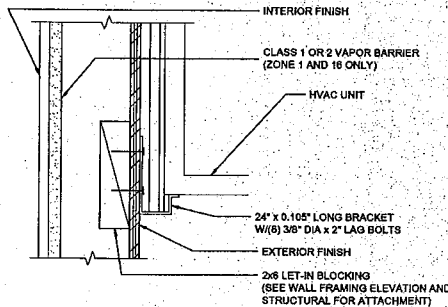
WINDOW SECTION AT JAMBS SCALE: 3/4"=1'-0" 11



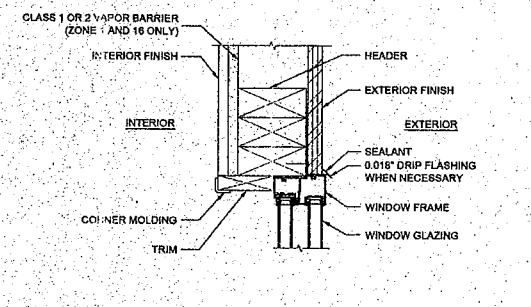
EXTERIOR DOOR HEADER SCALE: 3/4"=1'-0" 6



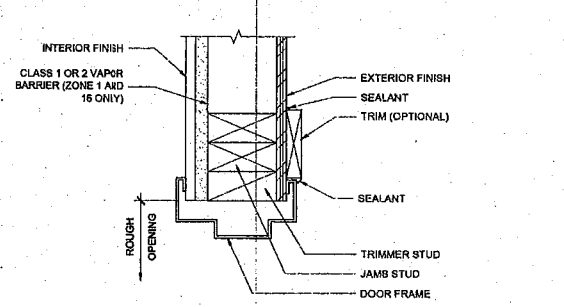
CLOSURE BETWEEN BUILDINGS SCALE: 3/4"=1'-0" 1



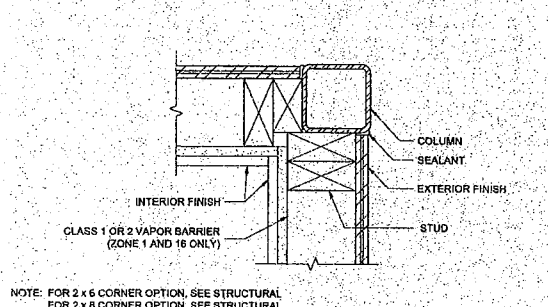
HVAC UNIT AT BOTTOM SCALE: 3/4"=1'-0" 17



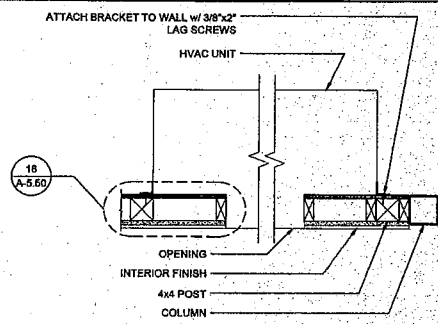
WINDOW HEADER SCALE: 3/4"=1'-0" 12



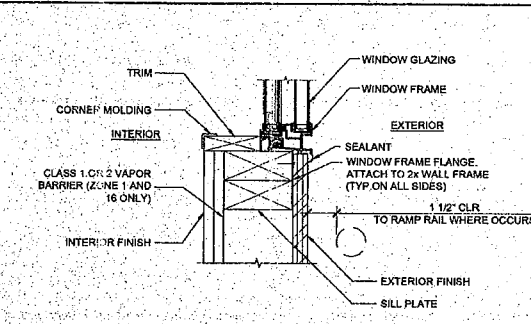
EXTERIOR DOOR JAMB SCALE: 3/4"=1'-0" 7



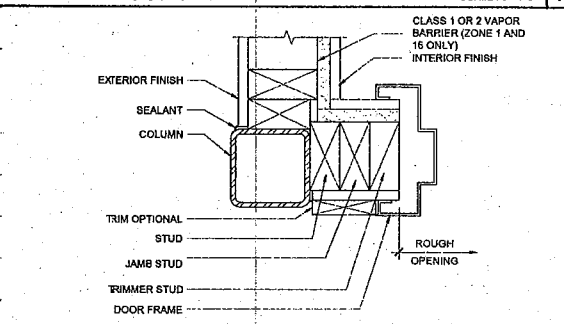
COLUMN AT CORNER SCALE: 3/4"=1'-0" 2



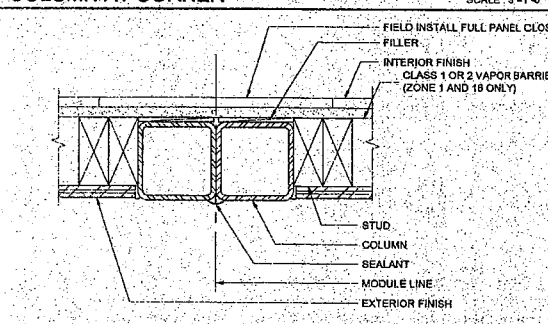
HVAC UNIT (PLAN) SCALE: 1"=1'-0" 18



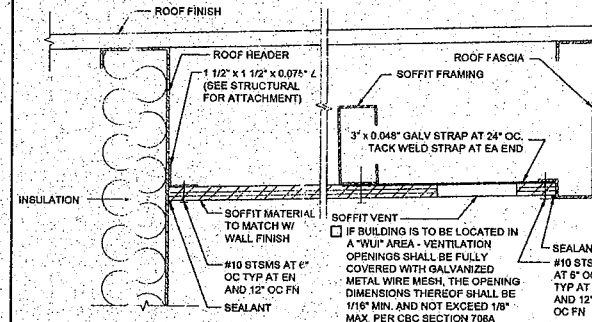
WINDOW SILL SCALE: 3/4"=1'-0" 13



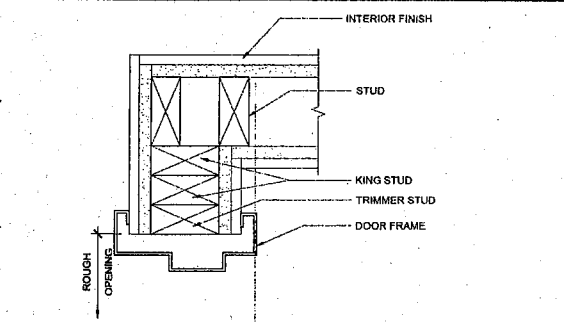
EXTERIOR DOOR JAMB SCALE: 3/4"=1'-0" 8



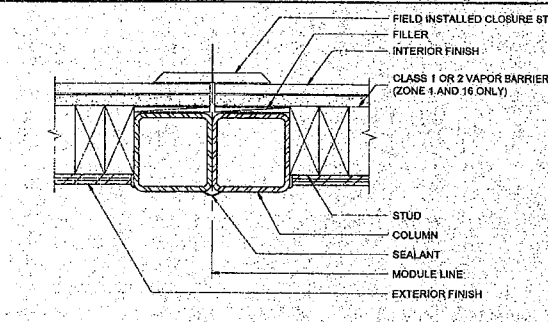
COLUMN AT MODULE LINE (FULL PANEL CLOSE-UP) SCALE: 3/4"=1'-0" 3



SOFFIT AT ROOF HEADER WITH VENT SCALE: 3/4"=1'-0" 14



INTERIOR DOOR JAMB SCALE: 3/4"=1'-0" 9



COLUMN AT MODULE LINE (CLOSURE STRIP) SCALE: 3/4"=1'-0" 4

NOT USED 19

NOT USED 20

NOT USED 15

INTERIOR DOOR JAMBS SCALE: 3/4"=1'-0" 10

TOP PLATE AT ROOF HEADER SCALE: 3/4"=1'-0" 5

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SILVER CREEK INDUSTRIES, INC.



2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

ARCHITECTURAL DETAILS

WOOD STUD - WOOD SIDING



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116126
ACS FLS SS Tg
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
ACS FLS SS BDF
DATE JUL 16 2015

REVISIONS	
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SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 08-12-15

P.C. SHEET NUMBER

A-5.50



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



SCALE: 1 IN=1 FT





1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

**"BUILDING FOR THE
NEXT GENERATION"**

PROJECT NAME

SHEET TITLE

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL _____

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116120

ACS 72 FLS SS 74
DATE 4/13/1

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
CODE 2013 CBC
SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICE
PC 04-114119
AC 10 FLS 1 SS RAY
DATE JUL 16 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO.

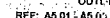
DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-1

P.C. SHEET NUMBERS

A-5.70

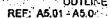




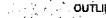
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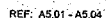
Days since start of study (x)	Days since last rainfall (y)
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1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

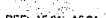


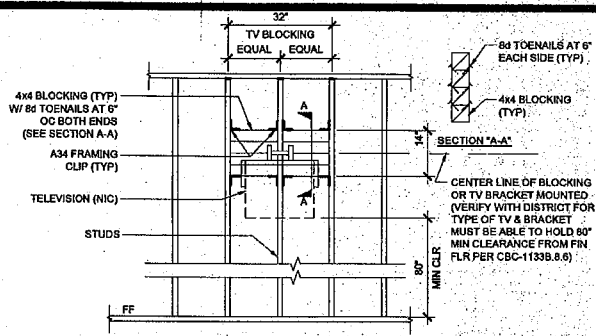
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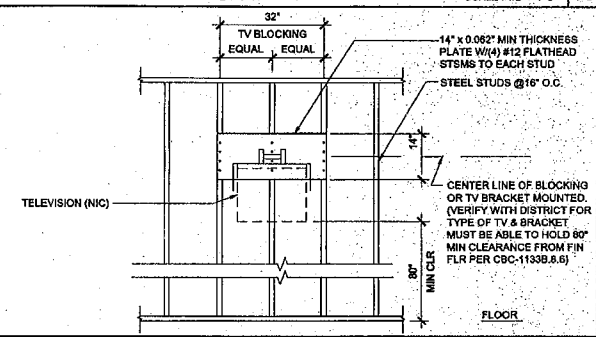




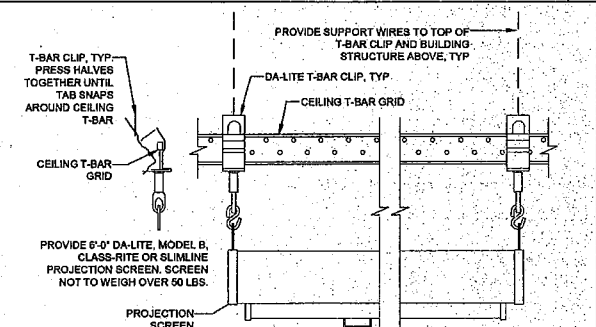




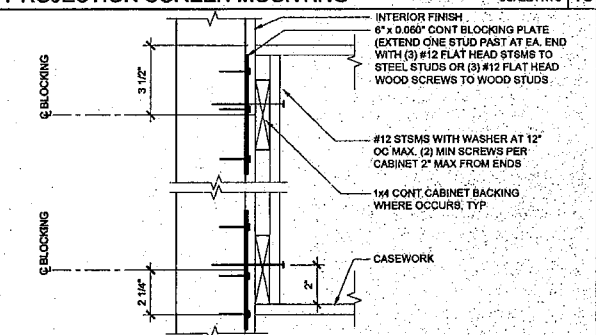
T.V. BLOCKING ATTACHMENT AT WOOD STUD SCALE: 1/2" = 1'-0" 16



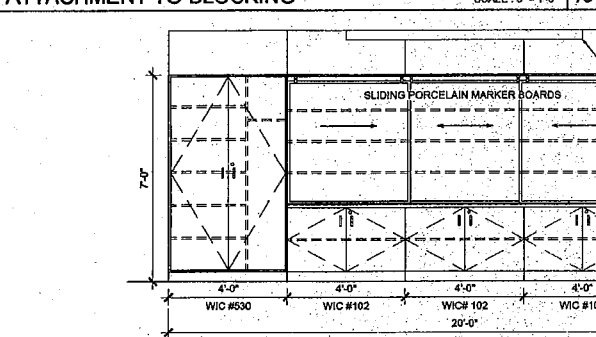
T.V. BLOCKING ATTACHMENT AT STEEL STUD SCALE: 1/2" = 1'-0" 17



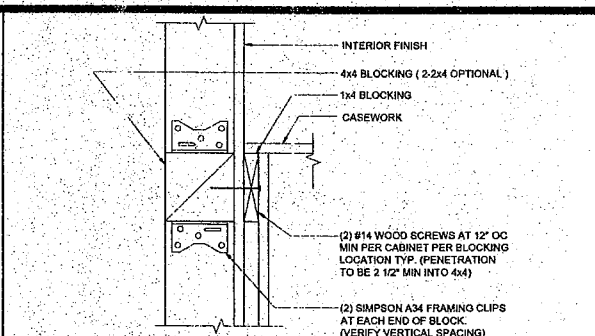
PROJECTION SCREEN MOUNTING SCALE: NTS 18



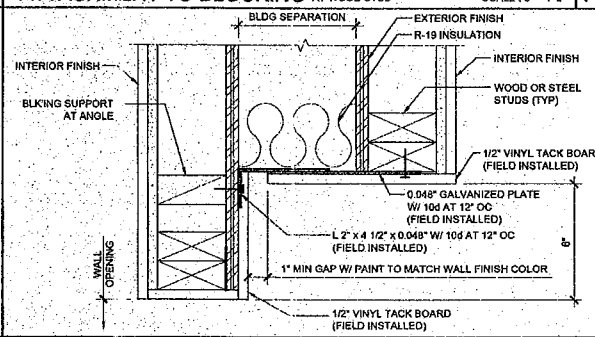
ATTACHMENT TO BLOCKING SCALE: 3" = 1'-0" 19



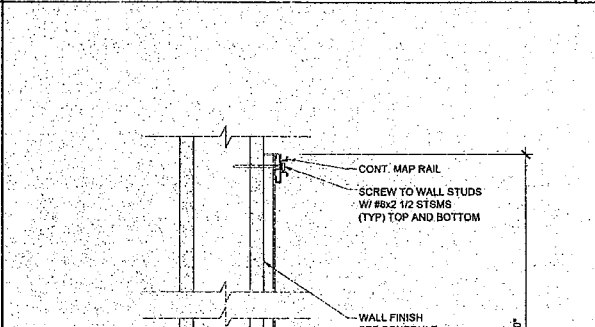
TEACHING WALL - ELEVATION / SECTION - OPTION SCALE: 3/8" = 1'-0" 15



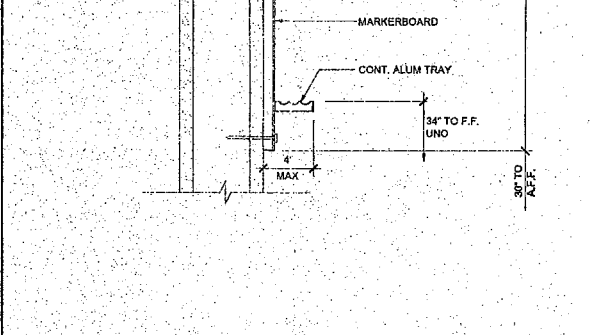
ATTACHMENT TO BLOCKING AT WOOD STUD SCALE: 3" = 1'-0" 11



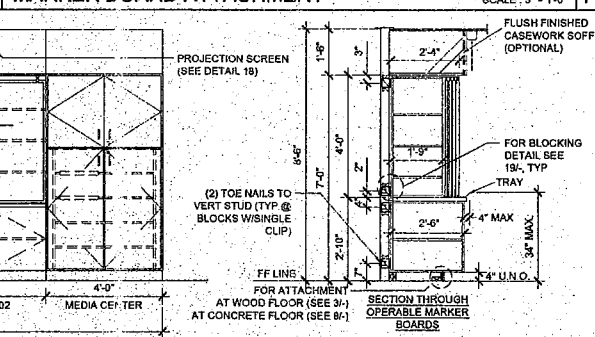
WALL OPENING AT HEADER AND JAMB SCALE: 3" = 1'-0" 12



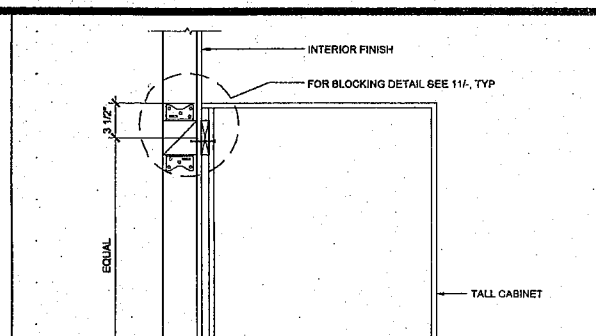
MARKER BOARD ATTACHMENT SCALE: 3" = 1'-0" 14



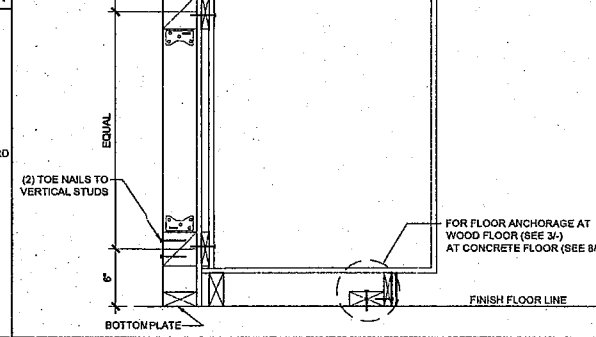
TALL CABINET WALL ANCHORAGE AT WOOD STUD SCALE: 1 1/2" = 1'-0" 7



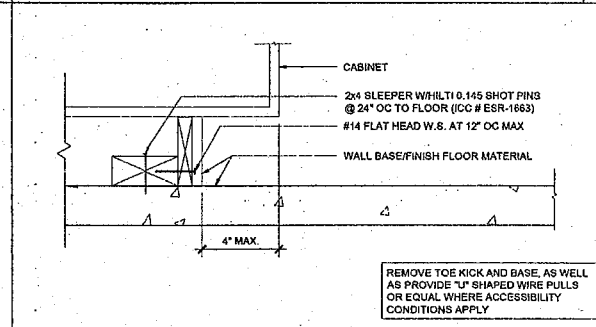
TALL CABINET WALL ANCHORAGE SCALE: 1 1/2" = 1'-0" 10



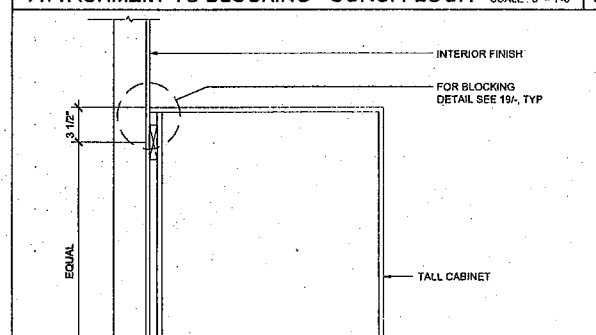
BASE CABINET WALL ANCHORAGE AT WOOD STUD SCALE: 1" = 1'-0" 1



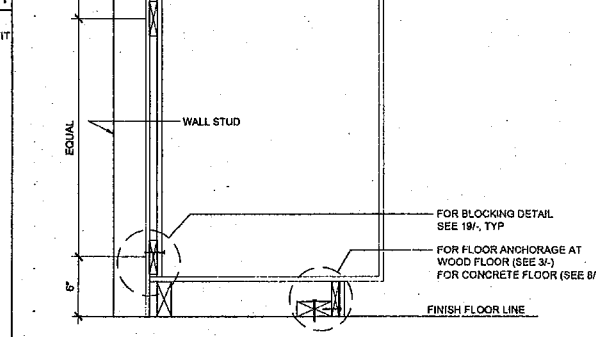
WALL HUNG ANCHORAGE CABINET AT WOOD STUD SCALE: 1 1/2" = 1'-0" 2



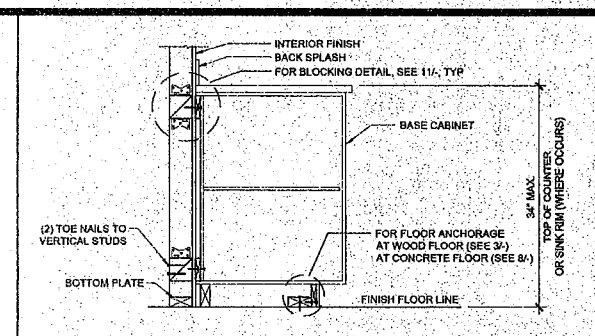
ATTACHMENT TO BLOCKING - CONC. FLOOR SCALE: 3" = 1'-0" 8



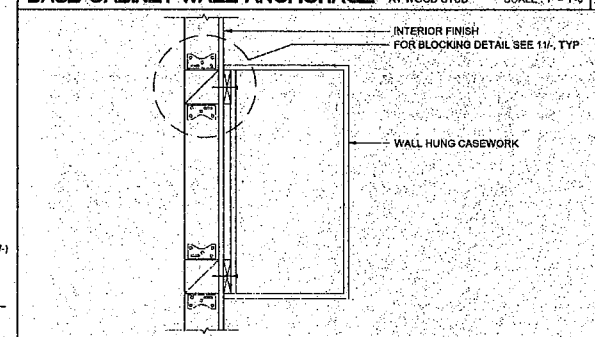
ATTACHMENT TO BLOCKING - WOOD FLOOR SCALE: 3" = 1'-0" 3



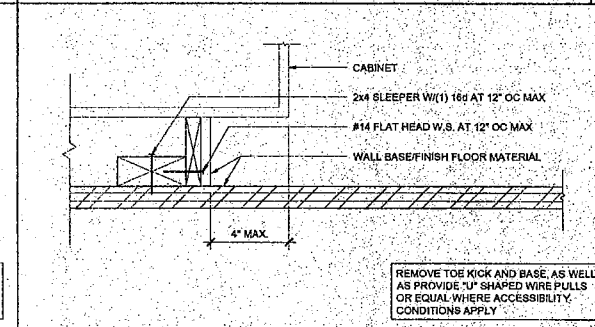
BASE CABINET WALL ANCHORAGE SCALE: 1" = 1'-0" 4



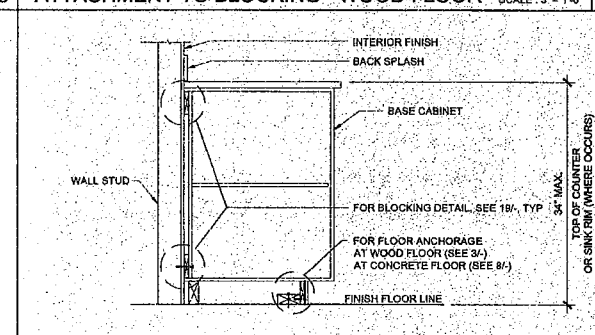
WALL HUNG ANCHORAGE CABINET AT WOOD STUD SCALE: 1 1/2" = 1'-0" 2



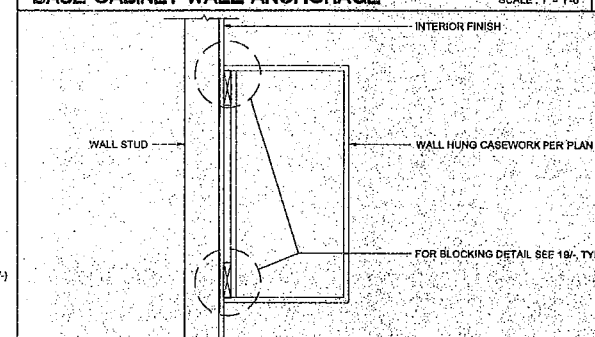
ATTACHMENT TO BLOCKING - CONC. FLOOR SCALE: 3" = 1'-0" 8



ATTACHMENT TO BLOCKING - WOOD FLOOR SCALE: 3" = 1'-0" 3



BASE CABINET WALL ANCHORAGE SCALE: 1" = 1'-0" 4



WALL HUNG ANCHORAGE CABINET SCALE: 1 1/2" = 1'-0" 5

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SILVER CREEK INDUSTRIES, INC.

"BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

ARCHITECTURAL DETAILS
MISCELLANEOUS / OPTIONS

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116126
ACS, FLS, SS, RMP
DATE: 10/18/17

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
DATE: 10/18/17

REVISIONS:

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

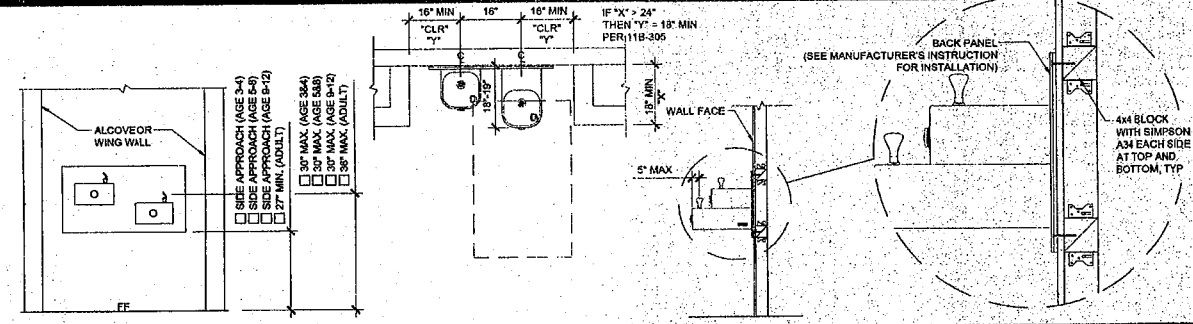
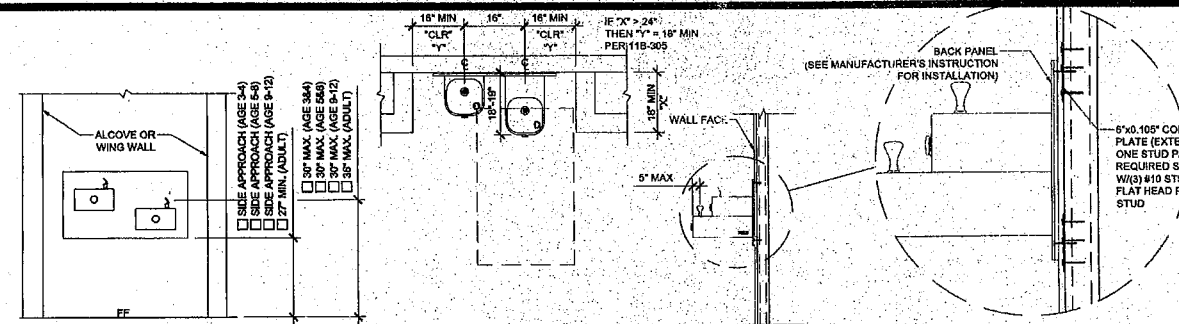
DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

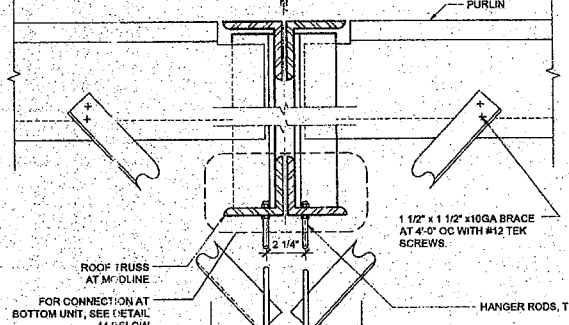
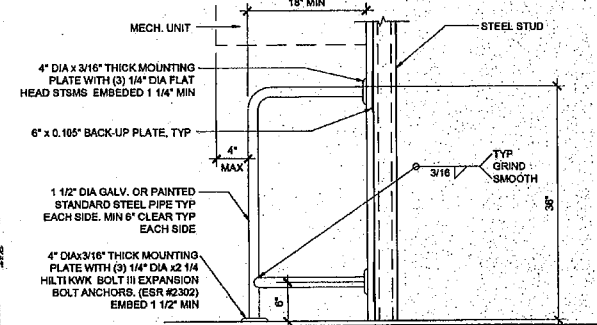
P.C. SHEET NUMBER

A-5.80



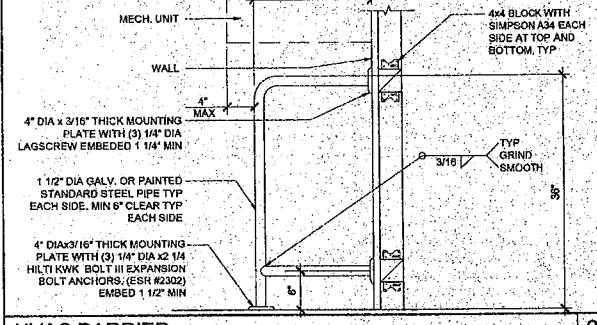
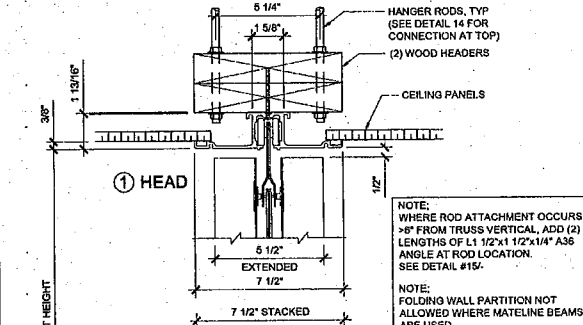
DRINKING FOUNTAIN BLOCKING DETAIL AT STEEL STUD SCALE: 1/2" = 1'-0"

DRINKING FOUNTAIN BLOCKING DETAIL AT WOOD STUD SCALE: 1/2" = 1'-0"



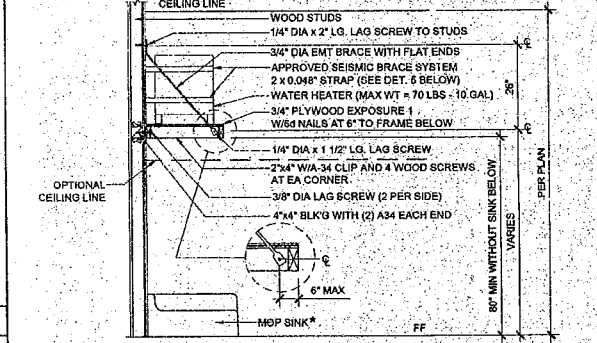
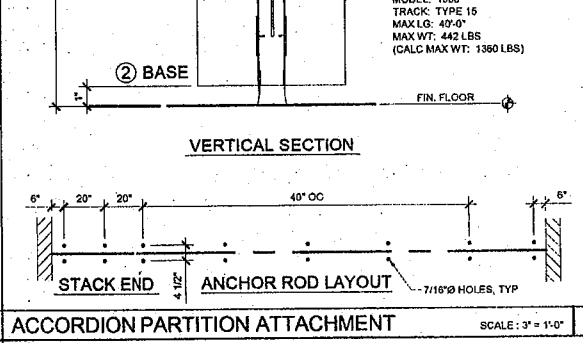
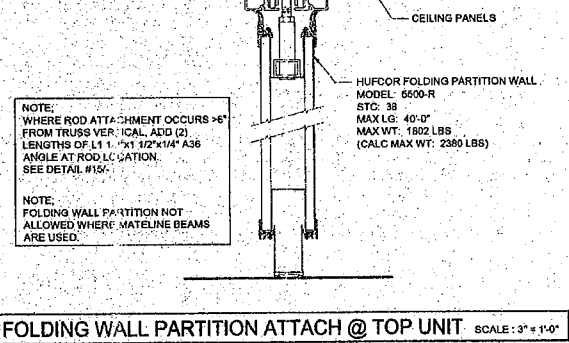
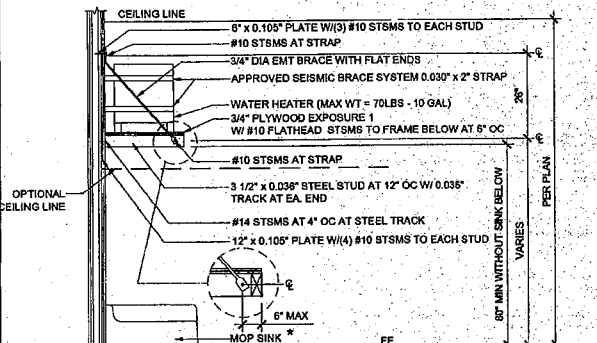
HVAC BARRIER AT STEEL STUD SCALE: 1" = 1'-0"

FOLDING WALL PARTITION ATTACH @ TOP UNIT SCALE: 3" = 1'-0"



VERTICAL SECTION SCALE: 3" = 1'-0"

HVAC BARRIER AT WOOD STUD SCALE: 1" = 1'-0"

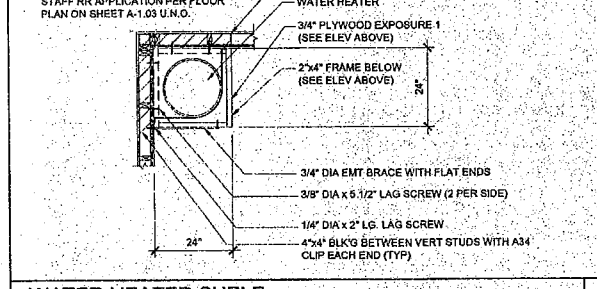
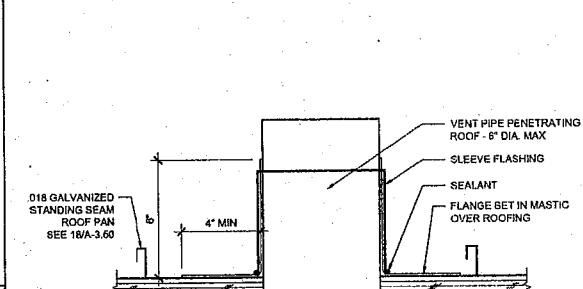
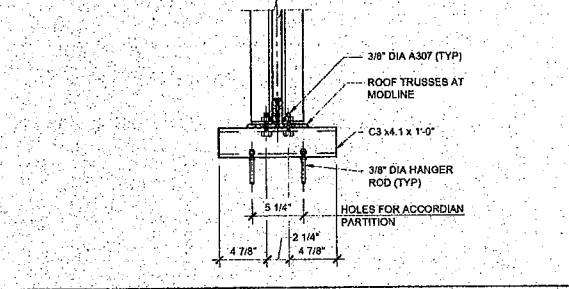
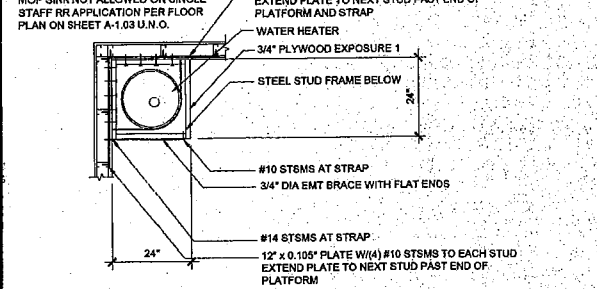


WATER HEATER SHELF AT STEEL STUD SCALE: 1/2" = 1'-0"

ACCORDIAN PARTITION ATTACHMENT SCALE: 3" = 1'-0"

PIPE PENETRATION THROUGH ROOF SCALE: 3" = 1'-0"

WATER HEATER SHELF AT WOOD STUD SCALE: 1/2" = 1'-0"

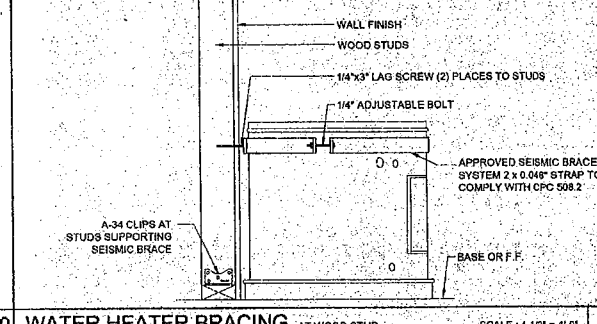
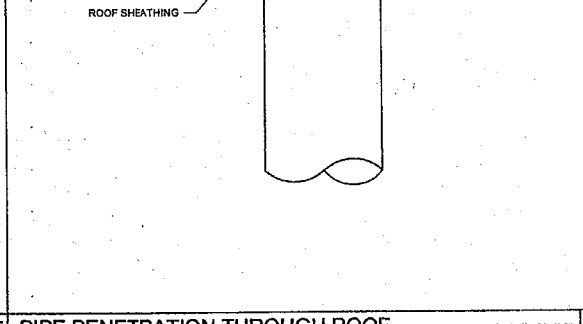
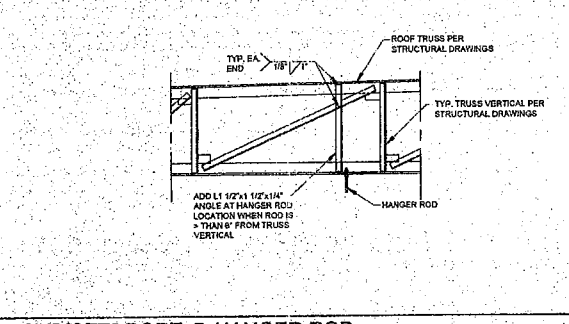
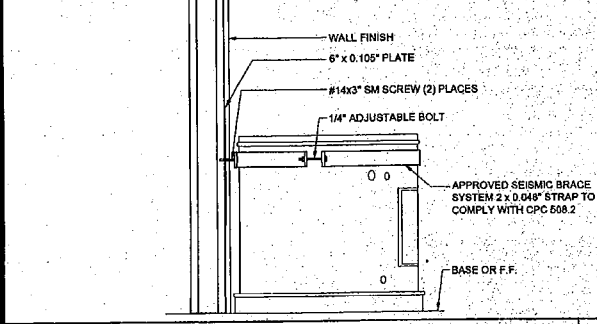


WATER HEATER BRACING AT STEEL STUD SCALE: 1 1/2" = 1'-0"

ACCORDIAN DOOR - TOP CONN AT TRUSS SCALE: 1 1/2" = 1'-0"

WATER HEATER BRACING AT WOOD STUD SCALE: 1 1/2" = 1'-0"

WATER HEATER BRACING AT WOOD STUD SCALE: 1 1/2" = 1'-0"



WATER HEATER BRACING AT STEEL STUD SCALE: 1 1/2" = 1'-0"

ACCORDIAN DOOR - TOP CONN AT TRUSS SCALE: 1 1/2" = 1'-0"

WATER HEATER BRACING AT WOOD STUD SCALE: 1 1/2" = 1'-0"

WATER HEATER BRACING AT WOOD STUD SCALE: 1 1/2" = 1'-0"

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SILVER CREEK
"BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

ARCHITECTURAL DETAILS
MISCELLANEOUS/OPTIONS

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116128
ACS 2-FLS 18
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
DATE JUL 16 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

A-5.81

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SILVER CREEK INDUSTRIES, INC.



"BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

INTERIOR ELEVATION
30' x 32'



ARCHITECT OF RECORD
SUBMISSION DATE

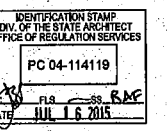
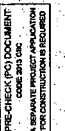
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116128

ACS RFLS 08.17
DATE 4/15/17

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

1	
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SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

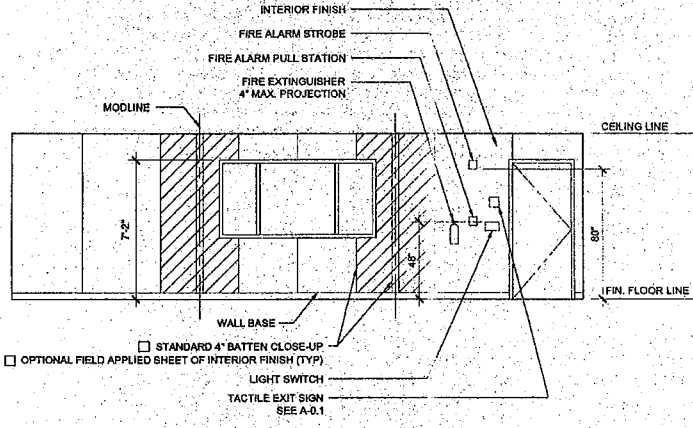
DRAWN BY:

SCALE: AS NOTED

DATE: 08-12-15

P.C. SHEET NUMBER

A-6.01



FRONT ELEVATION

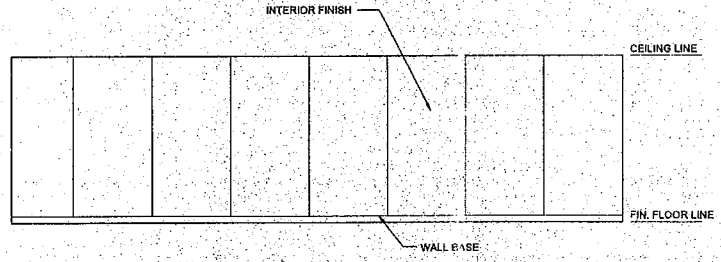
SCALE: 1/4" = 1'-0"

3

REAR ELEVATION

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

1



SIDE ELEVATION

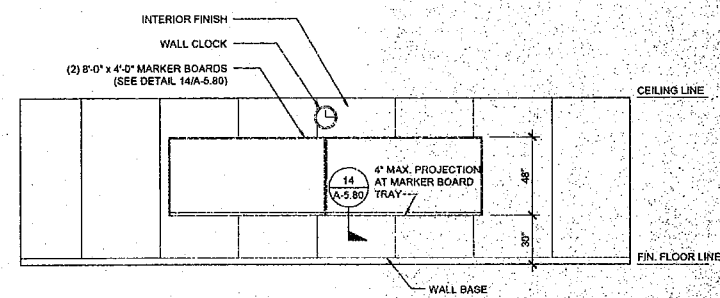
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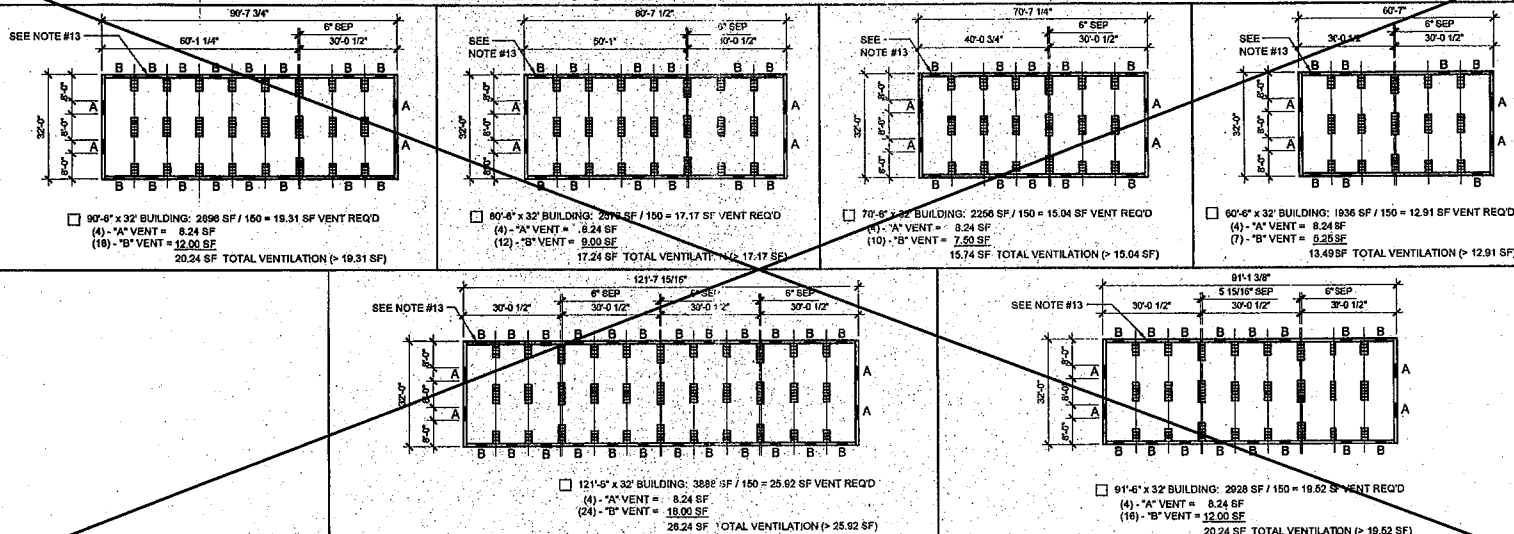
SIDE ELEVATION

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

2



KEY PLAN VENTING CALCULATIONS



WOOD FOUNDATION PLATE SCHEDULE

50 +15 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL (SEPARATE BLDGS)	ONE BLDG	SEPARATION PAD AT INTERIOR (SEPARATE BLDGS)	ONE BLDG
ADDITIONAL (AS NEEDED)	2x4	2x4	2x6	2x8	(2) ROWS OF 2x4	2x8	(2) ROWS OF 2x4	2x8
TOP	2x8	2x8	2x6	2x8	(2) ROWS OF 2x6	2x8	(2) ROWS OF 2x6	2x8
BLOCK	2x8	2x8	2x10	2x10	(2) ROWS OF 2x8	2x10	(2) ROWS OF 2x8	2x10
SILL	2x12	2x12	(5) 2x12 x 2'-0"	(9) 2x12 x 2'-0"	(2) ROWS OF 2x14	(7) 2x12 x 2'-0"	(2) ROWS OF 2x14	(9) 2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE

VENT "A" (SIDEWALL): 4'-1 1/2" x 6" = 2.06 S.F. VENTILATION

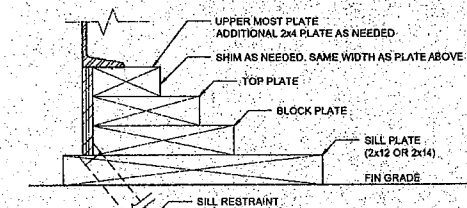
"VENT OPENING BELOW CONT. UPPER PLATE"

VENT "B" (ENDWALL): 3'-0" x 3" = 0.75 S.F. VENTILATION

(OPTIONAL AT MULTIPLE BLDG SETS)

"VENT OPENING ABOVE CONT. SILL AND BLOCK PLATE"

FOUNDATION PLATE DESCRIPTION



NOTES

- BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 1.4.
- FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
- FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
- WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
- SILL RESTRAINT: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMP, AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO USA FOR REVIEW AND APPROVAL.
- STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153.
- VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
- VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
- FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/F-0.50
- IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE SEPARATION.
- FOR FOUNDATION SPLICE - SEE 5/F-0.50
- CRAWLSPACE VAPOR RETARDERS (OPTIONAL): THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2). MATERIALS: GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHYLENE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHYLENE FILM WITH RAT SLAB INSTALLATION RECOMMENDATIONS: OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/F-0.50; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
- ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 10'-0" MODULE.
- CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION.
- IF PARAPET IS HIGHER THAN 16", COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING.
- 160 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OPTION.
- VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
A. VENTS HAVE A MINIMUM OF 2 SILL BLOCKING PLATES BENEATH.
B. VENTS ARE A MAXIMUM OF 1' LONG x 3" MIN. HIGH.
C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.

NAILING SCHEDULE

BUILDING SIZE	PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
30' x 32'	8" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50 12" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQUIRED VENTING	SIDE VENTING	TOTAL VENTING SUPPLIED
30' x 32'	960 SF	(1/1500)	(4) 4.125' x 6" = 2.06 SF/EA	8.24 SF SEE NOTE #8

TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATE	END WALL TIE PLATE	TOTAL NUMBER OF TIE PLATES
30' x 32'	3	6	18

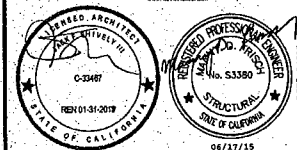
SILVER CREEK INDUSTRIES, INC.



2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

WOOD FOUNDATION PLAN 30x32 (50 + 15 PSF)



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04.116128
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DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
ACS / FLS / SS / RAE
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REVISIONS



SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

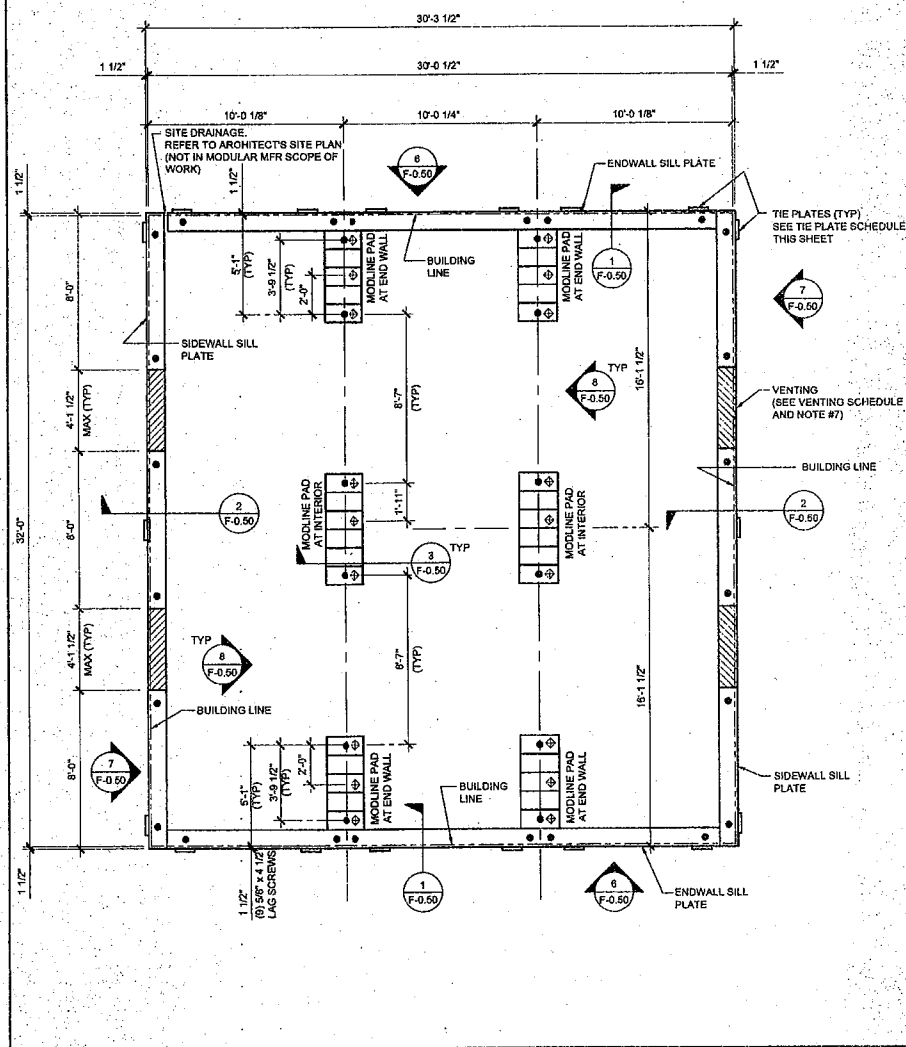
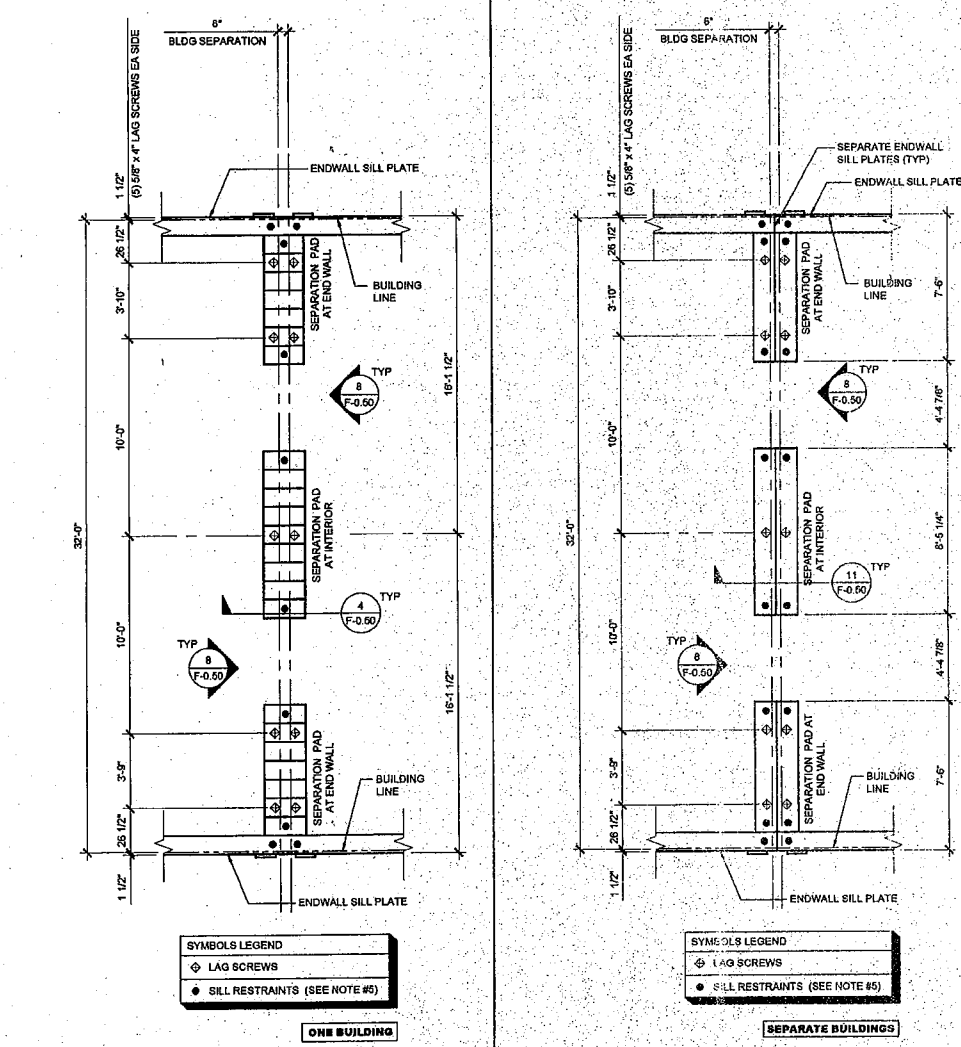
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DATE: 08-12-16

P.C. SHEET NUMBER

F-0.02

-- HIGH SEISMIC --



FOOTING AT SEPARATION

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

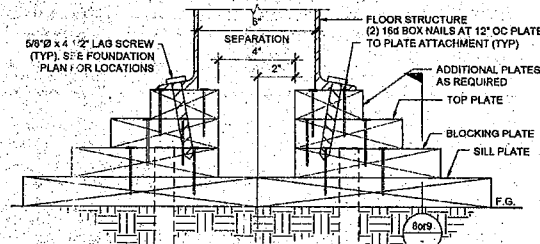
3 FOOTING AT SEPARATION

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

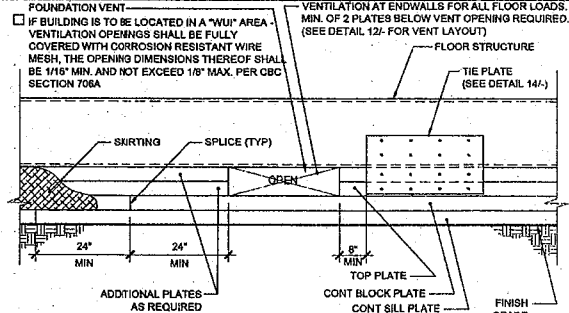
2 FOUNDATION PLAN

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

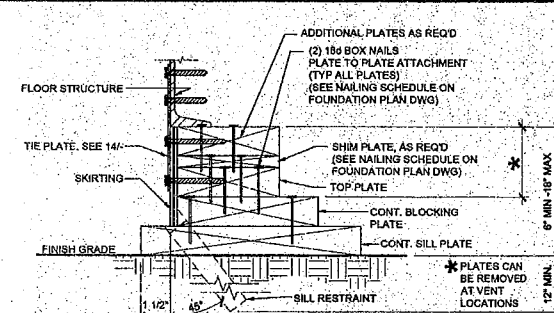
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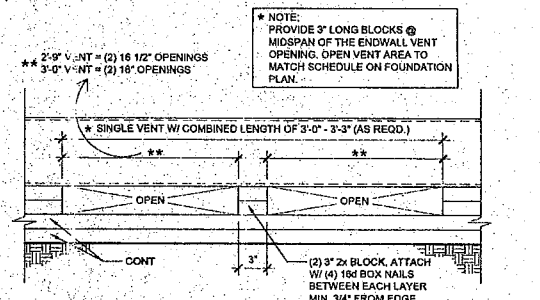
16 FOUNDATION AT ADJACENT BUILDING SCALE: 3/4"=1'-0"



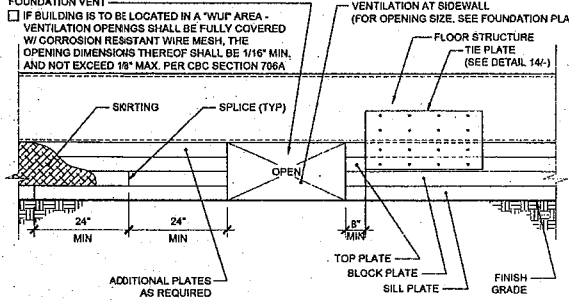
11 FOUNDATION ASSEMBLY END WALL ELEVATION SCALE: 1 1/2"=1'-0"



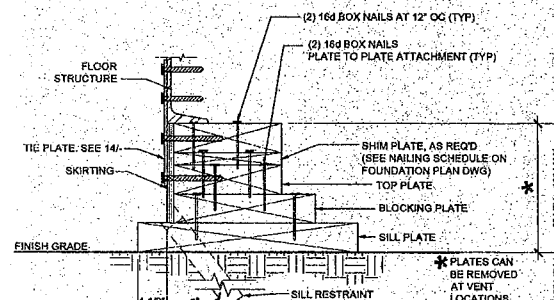
6 FOUNDATION AT END WALL SCALE: 3/4"=1'-0"



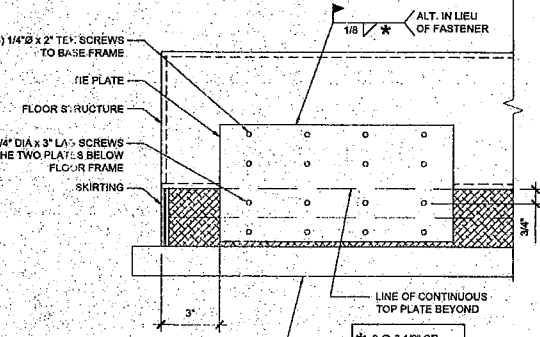
17 END WALL VENT SCALE: 1 1/2"=1'-0"



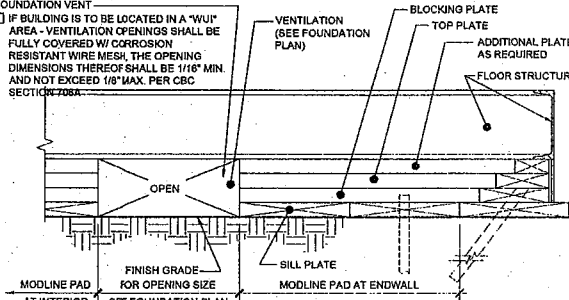
12 FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE: 1 1/2"=1'-0"



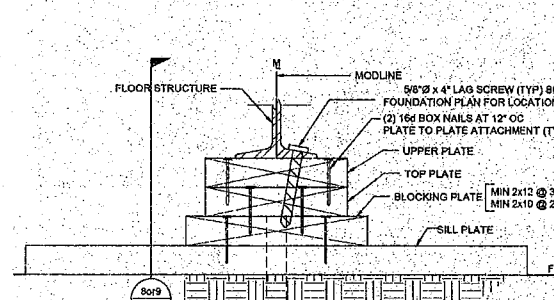
7 FOUNDATION AT SIDE WALL SCALE: 3/4"=1'-0"



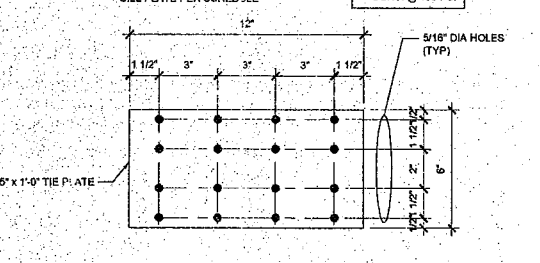
18 FOUNDATION AT MODLINE & SEPARATION SCALE: 1 1/2"=1'-0"



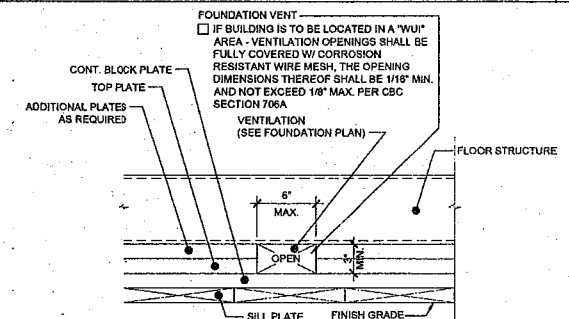
8 FOUNDATION AT MODLINE SCALE: 3/4"=1'-0"



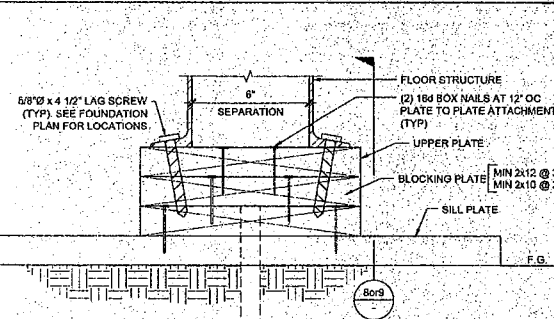
3 FOUNDATION AT ADJACENT BUILDING SCALE: 3/4"=1'-0"



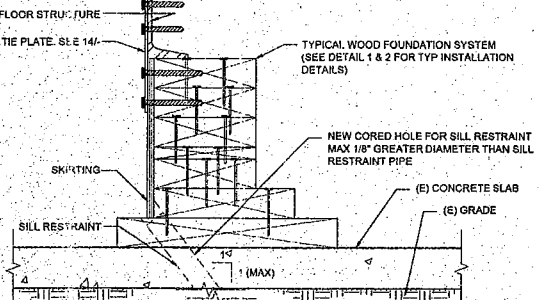
19 TIE PLATE SCALE: 3/4"=1'-0"



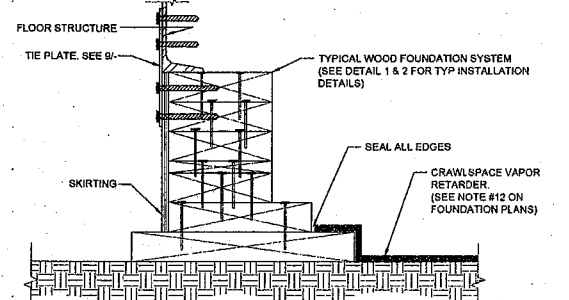
14 VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE: 3/4"=1'-0"



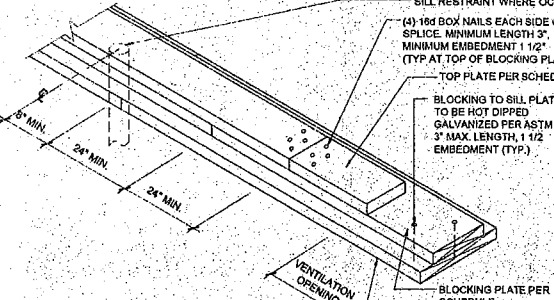
4 FOUNDATION AT ADJACENT BUILDING SCALE: 3/4"=1'-0"



20 FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE: 3/4"=1'-0"



15 CRAWLSPACE VAPOR RETARDER SCALE: 3/4"=1'-0"



5 FOUNDATION SPLICE SCALE: NTS

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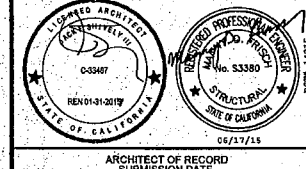
PROJECT NAME:

SHEET TITLE:

FOUNDATION DETAILS
WOOD FOUNDATION



ARCHITECT OF RECORD
SUBMISSION DATE:



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116128
ACS - FLS - SS - TY
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

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PC 04-114118
ACS - FLS - SS - RDE
DATE JUL 1 6 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

F-0.50

-- HIGH SEISMIC --

STRUCTURAL SPECIFICATIONS

FOUNDATIONS:

GEOTECHNICAL INVESTIGATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH SECTIONS 1803A.3 THROUGH 1803A.8. EXCEPTIONS, 1) GEOTECHNICAL REPORTS ARE NOT REQUIRED FOR ONE-STORY, WOOD-FRAME AND LIGHT-STEEL-FRAME BUILDINGS OF TYPE II OR TYPE V CONSTRUCTION AND 4,000 SQUARE FEET OR LESS IN FLOOR AREA, NOT LOCATED WITHIN EARTHQUAKE FAULT ZONES OR SEISMIC HAZARD ZONES AS SHOWN IN THE MOST RECENTLY PUBLISHED MAPS FROM THE CALIFORNIA GEOLOGICAL SURVEY (CGS) OR IN SEISMIC HAZARD ZONES AS DEFINED IN THE SAFETY ELEMENT OF THE LOCAL GENERAL PLAN, 2) A PREVIOUS REPORT FOR A SPECIFIC SITE MAY BE RESUBMITTED, PROVIDED THAT A REEVALUATION IS MADE AND THE REPORT IS FOUND TO BE CURRENTLY APPROPRIATE, ALLOWABLE FOUNDATION AND LATERAL SOIL PRESSURE VALUES MAY BE DETERMINED FROM TABLE 1806A.2 PER CBC SECTION 1803A.2

CONCRETE

PROVIDE NECESSARY SHIMS ON FOOTINGS NOT LEVEL WITHIN THE 1/2" ALLOWABLE TOLERANCE. THE CONTRACTOR SHALL PROVIDE CLEAR AND UNOBSTRUCTED ACCESS TO THE SITE. THE DISTRICT IS RESPONSIBLE FOR ALL SURVEYING, STAKING THE BUILDING CORNERS, SETTING THE FINISH FLOOR ELEVATION, RIGGING, CRANING, EXCAVATION, SPOIL REMOVAL, AND BACKFILL.

THE FOUNDATION AND THE METHOD OF FASTENING THE UNITS SHALL BE AS SHOWN ON DRAWINGS WHERE APPLICABLE. HIGH STRENGTH GROUT SHALL BE EMBECO 685 NON-SHRINK, METALLIC AGGREGATE GROUT OR A DSA APPROVED EQUAL.

THE DESIGN OF CONCRETE FOUNDATIONS WILL BE AS FOLLOWS:

- FURNISH AND INSTALL ALL CONCRETE WORK AS SHOWN ON THE DRAWINGS AND AS SPECIFIED.
- EXCEPT AS MODIFIED BY THE REQUIREMENTS SPECIFIED HEREIN AND / OR THE DETAILS ON THE DRAWINGS, ALL WORK INCLUDED IN THIS SECTION SHALL CONFORM TO THE APPLICABLE PROVISIONS OF CODES AND STANDARDS.
 - ALL WORK AND MATERIALS SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS, CHAPTER 19A.
 - AMERICAN CONCRETE INSTITUTE (ACI): BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AC318-11.
 - SOCIETY FOR TESTING AND MATERIALS (ASTM): THE SPECIFICATIONS AND STANDARDS HEREINAFTER REFERENCED TO SHALL BE OF THE LATEST EDITION.
- CONCRETE FOUNDATION TESTS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT AND OR INSPECTOR.
- DESIGN MIXES SHALL BE AS SPECIFIED IN TITLE 24. CONCRETE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS: (UNLESS REQUIRED OTHERWISE PER ACI 318-11 TABLE 4.3.1).

CONCRETE COMPRESSIVE STRENGTH $f_{c'}$ 3000 PSI

WATER-CEMENT RATIO SHALL NOT EXCEED 0.60 BY WEIGHT

PORTLAND CEMENT TYPE I

NORMAL WEIGHT
- FORMS SHALL BE SUBSTANTIAL, PLUMB, LEVEL, SQUARE, TRUE TO LINE, WATER TIGHT AND ACCURATE TO THE DIMENSIONS REQUIRED.
- THE ARCHITECT SHALL APPROVE LOCATION OF:
 - OPENINGS FOR MECHANICAL AND ELECTRICAL: PROVIDE FOR OPENINGS IN THE CONCRETE WITH THE TRADE(S) INVOLVED AND INSTALL SLEEVES AS MAY BE REQUIRED.
 - OPENINGS FOR VENT WELLS FOR UNDER FLOOR VENTILATION: PROVIDE FOR ALL OPENINGS IN THE CONCRETE WITH THE TRADE(S) INVOLVED. INSTALL ALL SLEEVES AS MAY BE REQUIRED.
- VARIANCE IN CONCRETE SLAB SURFACE SHALL BE NO MORE THAN 1/16" IN 10 FEET
- ALL CEMENT SHALL BE TYPE I OR II PER ASTM C-150, (UNLESS REQUIRED OTHERWISE PER ACI 318-11 TABLE 4.3.1)
- WATER CONTENT SHALL NOT EXCEED 7 1/4 GALLONS PER SACK OF CEMENT (UNLESS REQUIRED OTHERWISE PER ACI 318-11 TABLE 4.3.1)
- AGGREGATE SHALL BE 3/4" TO 1 1/2" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING
- ANCHOR BOLTS, DOWELS, REINFORCING STEEL, AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED. "NET SETTING" IS NOT ALLOWED.
- REFER TO ARCHITECTURAL, ELECTRICAL, AND MECHANICAL PLANS FOR SLEEVES, INSERTS CURBS, DEPRESSED AREAS, AND ETC.
- CONCRETE MIX REQUIRED: CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGN FOR FOOTINGS TO PROFESSIONAL OF RECORD FOR APPROVAL PRIOR TO POURING CONCRETE.

1705A.3.3. WAIVER OF BATCH PLAN INSPECTION

- WHEN BATCH PLAN INSPECTION IS WAIVED, THE FOLLOWING REQUIREMENTS SHALL APPLY:
 - QUALIFIED TECHNICIAN OF THE TESTING LABORATORY SHALL CHECK THE FIRST BATCHING AT THE START OF DAY.
 - LICENSED WEIGHTMASTER TO POSITIVELY IDENTIFY MATERIALS AS TO QUANTITY AND CERTIFY TO EACH LOAD BY A TICKET.
 - BATCH TICKETS, INCLUDING ACTUAL MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD AND SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY A TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR WILL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, ITS LOAD, TIME OF RECEIPT AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND WILL TRANSMIT A COPY OF THE DAILY RECORD TO THE ENFORCEMENT AGENCY.

REINFORCING STEEL:

- MATERIAL: ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 MIN. GRADE 40. EXCEPT #3 ANCHOR REINFORCEMENT SHALL BE GRADE 60.
- SPICES: ALL SPICES SHALL BE LAPPED A MINIMUM 48" #5 BARS AND 30" #4 BARS UNLESS OTHERWISE DETAILED.
- REINFORCING FABRICATION AND PLACEMENT: FABRICATION AND PLACING OF REINFORCING SHALL CONFORM TO THE "CODE OF STANDARD PRACTICE AND SPECIFICATIONS FOR PLACING REINFORCEMENT OF THE CONCRETE REINFORCING STEEL INSTITUTE".
- MINIMUM COVERAGE: ALL REINFORCING SHALL HAVE THE FOLLOWING MINIMUM COVERAGE WITH CONCRETE:

LOCATION	AMOUNT
FORMED EARTH	2"
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
WALL-EXPOSED FACE	2"
#5 OR SMALLER	2"
#6 OR LARGER	2"
WALL-UNEXPOSED FACE	3/4"

STRUCTURAL STEEL:

- ALL STRUCTURAL STEEL OTHER THAN TUBE AND PIPE COLUMNS SHALL CONFORM TO ASTM A-36.
- TUBE COLUMNS SHALL CONFORM TO ASTM A500 GRADE B, OR A1085
- PIPE COLUMNS SHALL CONFORM TO ASTM A501 OR ASTM A53, TYPE E OR S, GRADE B, OR A1085
- TUBE STEEL USED FOR RAMPS & STAIRS SHALL CONFORM TO ASTM A513 GRADE MT1020 OR BETTER

STEEL FRAME BUILDINGS/STEEL FRAME CONSTRUCTION SHALL MEET THE MINIMUM DESIGN REQUIREMENTS OF STUD SPACING, ETC. PER LATEST EDITION OF 2013 CALIFORNIA BUILDING CODE. ALL WORK AND MATERIALS SHALL CONFORM TO THE "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES," AMERICAN INSTITUTE OF STEEL CONSTRUCTION, TITLE 24, CCR, AND UNIFORM BUILDING CODE. STRUCTURAL STEEL SHALL BE MADE EITHER THE OPEN-HEARTH OR ELECTRIC FURNACE PROCESS ONLY AND SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL STEEL," ASTM DESIGNATION A36, CURRENT EDITION.

ROOF FRAMING, FLOOR FRAMING, AND WALL FRAMING SHALL BE PER MANUFACTURER'S PC PLANS AND PER APPLICABLE CODES.

ALL STRUCTURAL MEMBERS BELOW THE SUB-FLOOR, IE, GIRDERS, JOISTS, HEADERS, BLOCKING, SHALL BE STEEL. MINIMUM JOIST SPACING SHALL BE PER PLAN.

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE AISC STANDARD SPECIFICATIONS, THE APPLICABLE REGULATORY AGENCY AND THE AMERICAN IRON AND STEEL INSTITUTE SPECIFICATIONS FOR DESIGN OR LIGHT GAUGE STEEL STRUCTURAL MEMBERS. WELDING SHALL COMPLY WITH THE PERTINENT PROVISIONS OF THE APPLICABLE REGULATORY AGENCY. ALL WELDING SHALL BE DONE BY OPERATORS WHO ARE QUALIFIED AS PRESCRIBED IN THE "QUALIFICATION PROCEDURE" OF THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPE OF WORK REQUIRED.

STEEL SHALL BE COATED WITH ONE SHOP COAT OF MANUFACTURER'S STANDARD CHASSIS PAINT OR EQUAL.

BOLTS:

ALL COMMON BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A-307.

STRUCTURAL WELDING: SPECIAL INSPECTOR REQUIRED

GENERAL: DURING THE WELDING OF ANY MEMBER OR CONNECTION THAT IS DESIGNED TO RESIST LOADS AND FORCES REQUIRED BY THIS CODE.

ALL WELDS USED: IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT MINUS 20 DEGREES F AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION.

ALL STRUCTURAL WELDING SHALL BE BY "ELECTRIC ARC PROCESS" PER AWS STANDARD CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION. ALL LIGHT GAUGE STEEL (SHEET STEEL) SHALL BE WELDED PER AWS D1.3. ALL REINFORCING STEEL SHALL BE WELDED WITH LOW HYDROGEN RODS PER AWS D1.4, OR REINFORCING STEEL SHALL CONFORM TO ASTM A-706. ALL SHOP WELDED MUST BE PERFORMED BY APPROVED WELDERS IN A SHOP OF A LICENSED FABRICATOR. ALL FIELD WELDING SHALL BE PERFORMED BY APPROVED WELDERS. ELECTRODES SHALL BE E70XX FOR STRUCTURAL STEEL AND REBAR AND SHALL BE E60XX FOR LIGHT GAUGE STEEL. * (SEE OPTIONAL PROCESS)

THE SPECIAL INSPECTOR NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF THE FOLLOWING ITEMS, PROVIDED: THE MATERIALS, WELDING PROCEDURES AND QUALIFICATION OF WELDERS ARE VERIFIED PRIOR TO THE START OF WORK; PERIODIC INSPECTIONS ARE MADE OF WORK IN PROGRESS, AND A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO SHIPMENT OF SHOP WELDING.

- FLOOR AND ROOF DECK WELDING.
- WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM OR COMPOSITE SYSTEMS.
- WELDED SHEET STEEL FOR COLD-FRAMED STEEL FRAMING MEMBERS SUCH AS STUDS AND JOISTS WHICH ARE NOT PART OF AN ORDINARY MOMENT FRAME.
- SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16".

MATERIAL SHALL BE IDENTIFIED BY MARKING OR STAMPING THE I.D. NUMBER ON STRUCTURAL STEEL COMPONENTS BY LICENSED FABRICATION SHOP.

ALL BUTT, BEVEL GROOVE, VEE, U AND J WELDS SHALL BE PREQUALIFIED COMPLETE PENETRATION WELDS.

FILLER MATERIAL: FOR WELDING: SHIELDED METAL-ARC: AWS A5.1 OR 15.5 E70XX ELECTRODES.

HOLES IN STRUCTURAL STEEL SHALL NOT BE PERMITTED UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS.

STRUCTURAL STEEL SHALL BE THOROUGHLY CLEANED BY SCRAPING OR WIRE BRUSHING AND SHOP PRIMED.

ALL STEEL WORK, INCLUDING WELD AND CONNECTIONS EXCEPT WHERE ENTIRELY ENCASED IN CONCRETE SHALL BE GIVEN ONE COAT OF ACCEPTABLE METAL PROTECTION WELL WORKED INTO JOINTS AND CORNERS/SPICES.

* OPTIONAL USE OF: FCAW PROCESS: E71T-F FOR STRUCTURAL REBAR (MEETS ALL CHARPY REQUIREMENTS) E71T-F11 FOR METAL DECKING

COLD-FORMED STEEL FRAMING:

STRUCTURAL LIGHT GAUGE STEEL FRAMING AND ACCESSORIES SHALL BE FABRICATED IN ACCORDANCE WITH ASTM A-1011/A GRADE AS LISTED BELOW. SEE PLAN FOR MINIMUM YIELD.

MATERIAL THICKNESS: 0.120" OR LESS: ASTM A-1011/A GRADE 33 (UNO)

MATERIAL THICKNESS: 0.135" - ASTM A-1011/A GRADE 40

SHEET STEEL DESIGNATION THICKNESS (INCHES)	MINIMUM DELIVERED THICKNESS (INCHES)
0.018	0.017
0.030	0.029
0.036	0.034
0.049	0.046
0.060	0.057
0.075	0.071
0.105	0.100
0.120	0.114
0.135	0.128

LIGHT GAUGE STEEL STUDS AND TRACKS SHALL COMPLY WITH ASTM A-1003 STRUCTURAL GRADE 33 TYPE H

ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.3, "STRUCTURAL WELDING CODE - SHEET STEEL". QUALIFICATION: WELDERS SHALL BE IN ACCORDANCE WITH AWS D1.1, CHAPTER 5, PART C, "WELDER QUALIFICATIONS".

BOLTS, SCREWS, ETC. EXPOSED TO THE EXTERIOR SHALL BE GALVANIZED

MACHINE BOLTS USED SHALL CONFORM TO SPECIFICATIONS OF ASTM STANDARD A-307.

NOT:

CJP GROOVE WELD NOT

ULTRASONIC TESTING SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 5/16 IN. (8mm) THICK OR GREATER. ULTRASONIC TESTING IN MATERIALS LESS THAN 5/16 IN. (8mm) THICK IS NOT REQUIRED. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25 PERCENT OF ALL BEAM-TO-CORNER CJP GROOVE WELDS.

WOOD:

FRAMING: ALL FRAMING LUMBER SHALL BE GRADE MARKED BY AN APPROVED GRADING AGENCY AND SHALL BE OF THE FOLLOWING MINIMUM GRADES OR BETTER, PER WCLB RULES #16. PLATES AND BLOCKING - STANDARD GRADE OR BETTER STUDS AND HEADERS - #2 OR BETTER

SHEATHING:

AMERICAN PLYWOOD ASSOCIATION PS-1-07. EACH SHEET SHALL BE GRADE MARKED BY THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL CONFORM TO THE REQUIREMENTS OF STANDARD GRADE GROUP 1 OR BETTER GRADE STAMPED AND IDENTIFIED UNDER THE PROCEDURES AND QUALIFICATIONS SET FORTH BY PS-1-07.

- PLYWOOD SUB FLOOR: 1 1/8" T&G UNBLOCKED PLYWOOD. PROVIDE SEAMLESS WOVEN POLYFLEX BOTTOM BOARD FOR MOISTURE PROTECTION
- OPTIONAL PLYWOOD ROOF DECK: APA RATED 3/4" T&G OSB OR EQUIVALENT RATED SHEATHING WITH APPROVAL FROM DSA
- EXTERIOR WALL SIDING:
 - STANDARD: 5/8" DURATEMP OR 5/8" SMART PANEL
 - OPTIONAL: 5/8" MDO
 - OPTIONAL: 1/2" OSB OR CDX PLYWOOD FOR PLASTER/STUCCO FINISH
- EXTERIOR WALL SIDING ATTACHMENT: FASTENERS: USED FOR THE ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE HOT-DIPPED GALVANIZED, MECHANICALLY DEPOSITED ZINC-COATED, STAINLESS STEEL, SILICON BRONZE OR COPPER PER CBC SECTION 2304.9.1.1

TREATED WOOD:

ALL WOOD INCLUDING WOOD SHEATHING IN CONTACT WITH CONCRETE OR MASONRY AND LOCATED LESS THAN 18" FROM EXPOSED EARTH SHALL BE "PRESERVATIVE TREATED" OR SHALL BE "NATURALLY DURABLE" MATERIAL PER (CBC SECTION 2304.11.2.2)

- ALL ROADSIDE LUMBER SHALL BE DF #2 OR BETTER.
- WOOD FASTENERS OTHER THAN SCREWS:
 - ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC® ESR-1663 OR RAMSET POWER DRIVEN FASTENERS (ICC® ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC® ESR-2138, OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA.
 - FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE: IF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER PER CBC 2304.9.5.1

CONTINUOUS INSPECTION:

PROJECT INSPECTOR TO PROVIDE CONTINUOUS FIELD INSPECTION.

IN-PLANT INSPECTOR SHALL PROVIDE CONTINUOUS INSPECTION IN-PLANT - CLASS 3

METALS, STRUCTURAL, AND MISC. STEEL:

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, AND SERVICES REQUIRED FOR STRUCTURES AND MISCELLANEOUS STEEL AS SPECIFIED AND INDICATED IN THE DRAWINGS.

MATERIALS: ALL STRUCTURAL STEEL IDENTIFICATION SHALL CONFORM WITH TITLE 24, SECTION 2203A.1.

STEEL SHAPES: ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-36, OPEN HEARTH OR ELECTRIC FURNACE ONLY.

STEEL TUBES: ALL STRUCTURAL TUBES SHALL CONFORM TO REQUIREMENTS OF ASTM A-500 GRADE B (Y=46 KSI), ASTM A51 OR A1085 TYPICAL.

STEEL SHEETS: STEEL SHEETS FOR LIGHT GAUGE STEEL SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-1011/A, GRADE 40 U.O.N. SHEET METAL GRAVEL STOPS AND FLASHINGS SHALL BE MINIMUM 0.030 THICKNESS AND SHALL BE GALVANIZED.

ERECTION:

ALL STRUCTURAL STEEL SHALL BE ERECTED TRUE, STRAIGHT, PLUMB AND TO ITS DESIGNED LOCATION. TEMPORARY BRACING OR SHORING SHALL BE INSTALLED WHEREVER NECESSARY TO TAKE CARE OF LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING ERECTION EQUIPMENT AND THE OPERATION OF SAME. CONNECTIONS SHALL BE ADEQUATE TO WITHSTAND STRESSES TO WHICH THEY ARE NORMALLY SUBJECTED. CONNECTIONS SHALL BE STEEL EXCEPT AS OTHERWISE NOTED. FIELD CONNECTIONS SHALL BE BOLTED OR WELDED AS SHOWN ON THE DRAWINGS.

SHOP PAINT:

- * EXPOSED STEEL COATED WITH ONE SHOP COAT OF PRIMER.
- * NON-EXPOSED STEEL COATED WITH ON SHOP COAT OF PRIMER.
- * ALL SURFACES THOROUGHLY CLEANED BY EFFECTIVE MEANS PRIOR TO APPLICATION OF SHOP COATS.

POWER DRIVEN FASTENERS FOR SILL PLATE, WOOD NAILERS TO STEEL COLUMNS, AND SHEET METAL TO STRUCTURAL STEEL

ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC® ESR-1663, OR RAMSET POWER DRIVEN FASTENERS (ICC® ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC® ESR-2138, OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA.

WOOD ROUGH CARPENTRY:

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS AND STEPS NECESSARY TO PROTECT ALL COMPLETED, SEMI-COMPLETED, AND TEMPORARY WORK FROM COMMENCEMENT OF PROJECT TO COMPLETE. SEMI-COMPLETION OF SAME ANY PORTION OF THE WORK DAMAGED OR DISFIGURED SHALL BE SATISFACTORILY REPAIRED OR REPLACED AND THE WORK AS A WHOLE LEFT WITHOUT BLEMISH AT FINAL ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY MEASUREMENTS AT THE BUILDING, THE ACCURATE FITTING OF ALL WORK AND PROPER ACCOMMODATION OF OTHER TRADES.

DESCRIPTION OF WORK:

THIS SECTION INCLUDES FURNISHING OF ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, TRANSPORTATION, AND FACILITIES TO COMPLETE ROUGH CARPENTRY AS INDICATED IN THE DRAWINGS AND AS SPECIFIED HEREIN.

WORKMANSHIP:

ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE, SHALL BE ACCURATE AS TO MEASUREMENT AND SHALL BE CAREFULLY DONE. PLYWOOD SHEATHING SUBFLOOR SHALL PROVIDE A SMOOTH UNIFORM SURFACE CAPABLE PROPERLY ACCEPTING A CARPET FINISH.

ROOF DIAPHRAGM:

3/4" T&G APA RATED SHEATHING - STRUCTURE 1 EXPOSURE 1

SPAN RATING 4024 UN.

FASTEN TO SHEET METAL SUPPORTS W/ #8 x 1 1/4" LG. SELF DRILLING SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEK'S SCREWS (ICC ESR-1676)

AT 6" OC AT BOUNDARIES, AT 6" OC AT EDGES, AND 12" OC AT INTERMEDIATE SUPPORTS. MIN. 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2308.2. NOTE: SEE DRAWING FOR DETAIL.

2-16d COMMON (3"x0.162")

2-3"x0.131" NAILS

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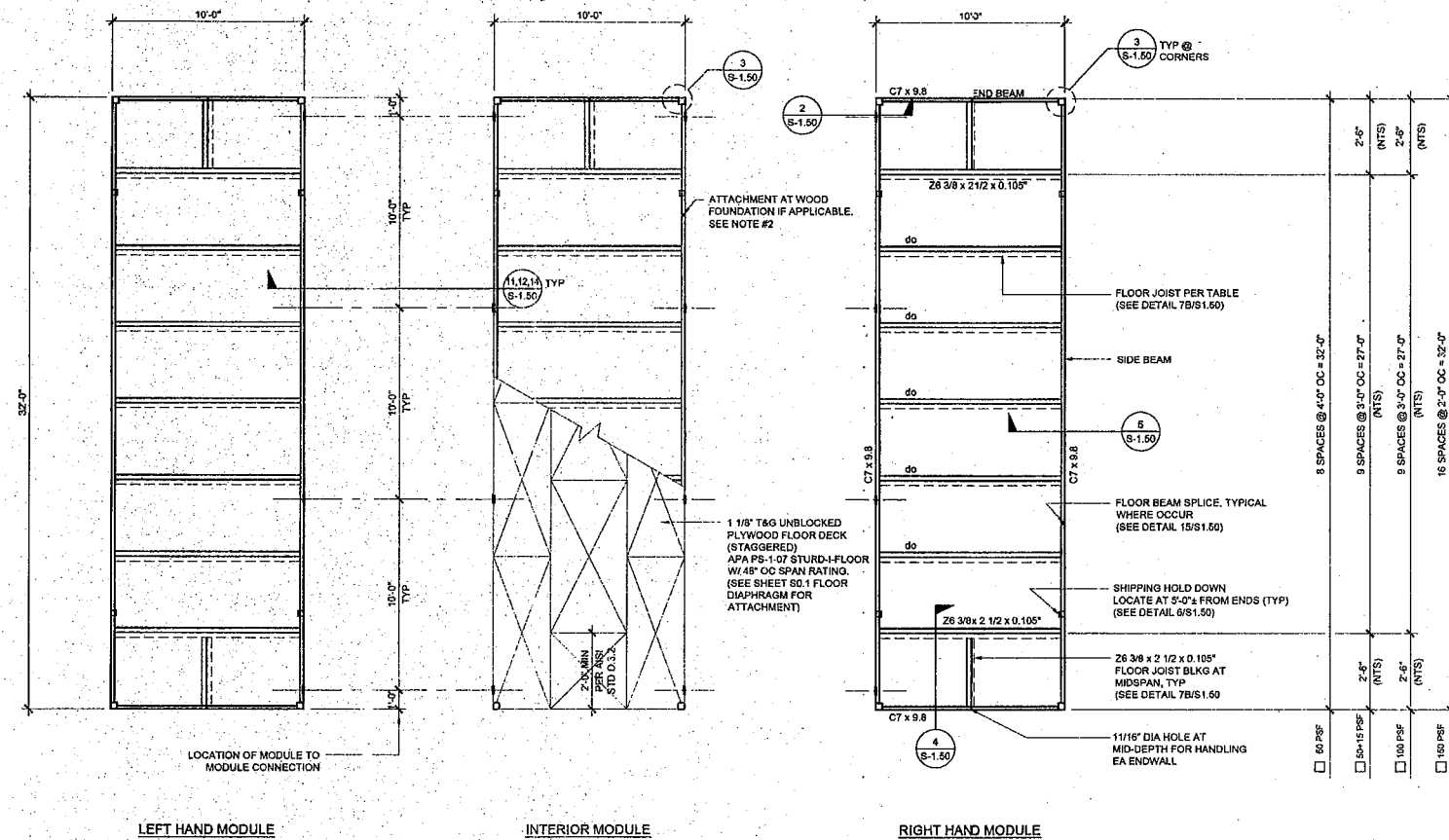
2-16d COMMON (3"x0.162")

2-3"x0.131" NAILS

FASTENING SCHEDULE

CBC - TABLE 2304.9.1

1. JOIST TO SILL OR GIRDER	3- 8d COMM 3- 3" x 0.131"	TOENAIL
2. BRIDGING TO JOIST	2- 8d COMM (2 1/2" x 131") 2- 3" x 0.131"	TOENAIL EACH END
3. 1" x 6" SUBFLOOR OR LESS TO EACH JOIST	2- 8d COMM (2 1/2" x 131")	FACE NAIL
4. WIDER THAN 1" x 6" SUBFLOOR TO EACH JOIST	3- 8d COMM (2 1/2" x 131")	FACE NAIL
5. 2" SUBFLOOR TO JOIST OR GIRDER	2- 16d COMM	BLIND AND FACE NAIL
6. SOLE PLATE TO JOIST OR BLOCKING	16d (3 1/2" x 135") AT 16" O.C. 3"x0.131" NAILS AT 8" O.C.	TYPICAL FACE NAIL
SOLE PLATE TO JOIST OR BLKING AT BRACED WALL PANEL	3- 16d (3 1/2" x 135") AT 16" O.C. 4- 3"x0.131" NAILS AT 16" O.C.	BRACED WALL PANELS
7. TOP PLATE TO STUD	2- 16d COMM (3 1/2" x 0.162") 3- 3"x0.031" NAILS	END NAIL
8. STUD TO SOLE PLATE	4- 8d COMM (3 1/2" x 0.131") 4- 3"x0.131" NAILS	TOENAIL
9. DOUBLE STUDS	2- 16d COMM (3 1/2" x 0.162") 3- 3"x0.131" NAILS	END NAIL
10. DOUBLE TOP PLATES	16d (3 1/2" x 135") AT 24" O.C. 3"x0.131" NAILS AT 12" O.C.	FACE NAIL
DOUBLE TOP PLATES	8- 16d COMM (3 1/2" x 0.162") 12- 3"x0.131" NAILS	FACE NAIL
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3- 8d COMM (3 1/2" x 0.131")	FACE NAIL
12. RIM JOIST TO TOP PLATE	8d (2 1/2" x 131") AT 16" O.C. 3"x0.131" N	FACE NAIL
13. TOP PLATES, LAPs, AND INTERSECTIONS	2- 16d COMM (3 1/2" x 0.162") 3- 3"x0.131" NAILS	FACE NAIL
14. CONTINUOUS HEADER, TWO PIECES	16d COMM (3 1/2" x 135") AT 16" O.C.	FACE NAIL
15. CEILING JOISTS TO PLATE	3- 8d COMM (3 1/2" x 0.131") 5- 3"x0.131" NAILS	FACE NAIL
16. CONTINUOUS HEADER TO STUD	4- 8d COMM (3 1/2" x 0.131")	FACE NAIL
17. CEILING JOISTS, LAPs OVER PARTITIONS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	3- 16d COMM (3 1/2" x 0.162") TABLE 2308.10.4.1 4- 3"x0.131" NAILS	FACE NAIL
18. CEILING JOISTS TO PARALLEL RAFTERS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	3- 16d COMM (3 1/2" x 0.162") TABLE 2308.10.4.1 4- 3"x0.131" NAILS	FACE NAIL
19. RAFTER TO PLATE (SEE SECTION 2308.10.1, TABLE 2308.10.1)	3- 8d COMM (3 1/2" x 0.131") 3- 3"x0.131" NAILS	FACE NAIL
20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE	2- 8d COMM (3 1/2" x 0.131") 2- 3"x0.131" NAILS	FACE NAIL
21. 1" x 8" SHEATHING TO EACH BEARING	3- 8d COMM (3 1/2" x 0.131")	FACE NAIL
22. WIDER THAN 1" x 8" SHEATHING TO EACH BEARING	3- 8d COMM (3 1/2" x 0.131")	FACE NAIL
23. BUILT-UP CORNER STUDS	16d COMM (3 1/2" x 135") AT 16" O.C.	FACE NAIL
24. BUILT-UP GIRDER AND BEAMS	20d COMM (3 1/2" x 135") AT 16" O.C. 2- 20d COMM (3 1/2" x 135") AT 16" O.C. 3- 3"x0.131" NAILS	FACE NAIL
25. 2" PLANKS	16d COMM (3 1/2" x 135") AT 16" O.C.	FACE NAIL
26. COLLAR TIE TO RAFTER	3- 16d COMM (3 1/2" x 0.162") 4- 2- 3"x0.131" NAILS	FACE NAIL
27. JACK RAFTER TO HIP	3- 16d COMM (3 1/2" x 0.162") 4- 3"x0.131" NAILS	FACE NAIL
28. ROOF RAFTERS TO 2-BY RIDGE BEAM	2- 16d COMM (3 1/2" x 0.162") 3- 3"x0.131" NAILS	FACE NAIL
29. JOIST TO BAND JOIST	3- 16d COMM (3 1/2" x 0.162") 4- 3"x0.131" NAILS	FACE NAIL
30. LEDGER STRIP	3- 16d COMM (3 1/2" x 0.162") 4- 3"x0.131" NAILS	FACE NAIL
31. WOOD STRUCTURAL PANELS AND PARTICLEBOARD ⁸ SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	1/2" AND 1 1/2" AND 1 3/4" O.C. 18/32" TO 3/4" O.C. 7/8" TO 1 1/8" TO 1 3/4" O.C. 3/4" AND 1 1/8" TO 1 3/4" O.C.	FACE NAIL
32. PANEL SIDING (TO FRAMING)	1/2" AND 1 1/2" AND 1 3/4" O.C. 5/8"	FACE NAIL
33. FIBERBOARD SHEATHING ⁹	1/2" AND 1 1/2" AND 1 3/4" O.C. 26/32"	FACE NAIL
34. INTERIOR PANELING	1/4" TO 3/8"	FACE NAIL



NOTES:

- FOR FLOOR BLOCKING SEE DETAILS 4.7B / S-1.50 (STD), 4.7A / S-1.50 (ALT)
- FOR BUILDINGS ON WOOD FOUNDATION SYSTEMS, PROVIDE 11/16" DIA. HOLE AT BOTTOM FLANGE OF FLOOR BEAM FOR LAG SCREW ATTACHMENT TO FOUNDATION PLATES BELOW. FOR EXACT HOLE LOCATIONS, SEE FOUNDATION PLAN.

FLOOR JOIST TABLE

	LIVE LOAD PSF	JOIST SPACING
□	50	48"
▣	50 + 15	36"
▤	100	36"
▥	150	24"

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SILVER CREEK

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PHONE: 951-943-5383 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

**FLOOR FRAMING PLAN
WOOD FLOOR**

STAVARES ASSOCIATES

REGISTERED ARCHITECT
STATE OF CALIFORNIA
C-33487
REN 01-31-2017

REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
STATE OF CALIFORNIA
No. 53380
06/17/15

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116126

ACS FLS JSS
DATE 7/13/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

PC 04-114119

AC FLS RBF
DATE JUL 16 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

S-1.01

-- HIGH SEISMIC --

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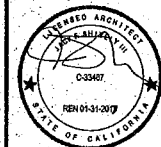


2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5383 FAX: 951-943-2211

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SHEET TITLE:

FLOOR FRAMING DETAILS WOOD FLOOR



ARCHITECT OF RECORD
SUBMISSION DATE

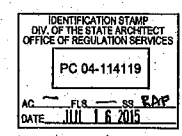
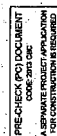
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 118128

ACS: FLS SS TH
DATE: 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

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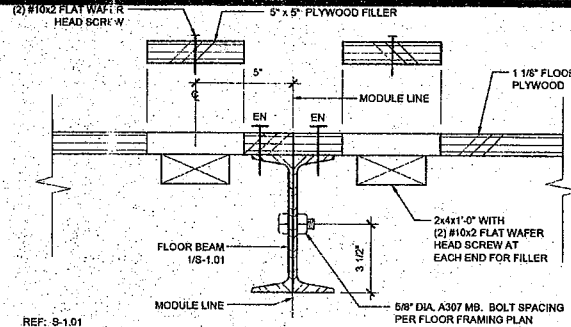
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DATE: 06-12-16

P.C. SHEET NUMBER

S-1.50

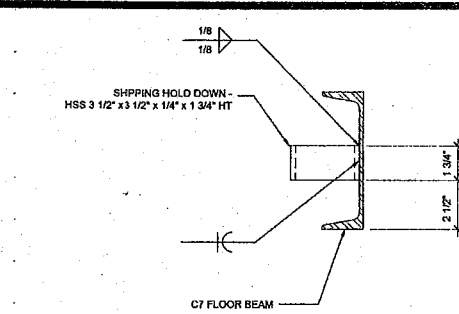
-- HIGH SEISMIC --



REF: S-1.01

16 MODULE LINE - BOLTED CONNECTION

SCALE: 3" = 1'-0"



REF: S-1.01

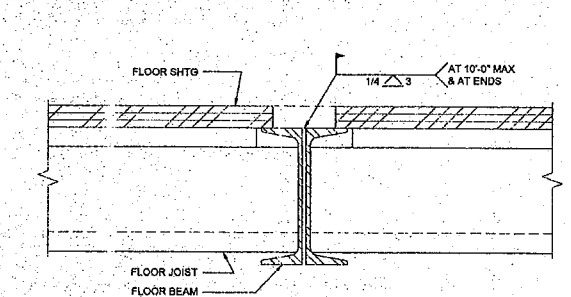
11 SHIPPING HOLD DOWN DETAIL

SCALE: 3" = 1'-0"

REF: S-1.01

6 FLOOR BEAM TO COLUMN CONNECTION

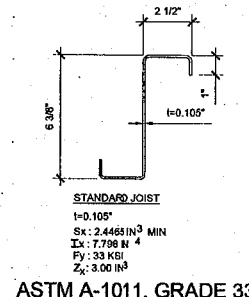
SCALE: 1 1/2" = 1'-0"



REF: S-1.01

17 MODULE LINE CONNECTION (OPTION 1)

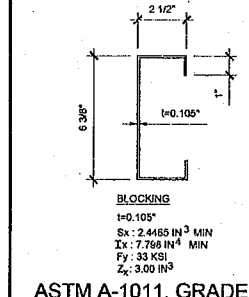
SCALE: 3" = 1'-0"



REF: S-1.01

12 FLOOR JOIST

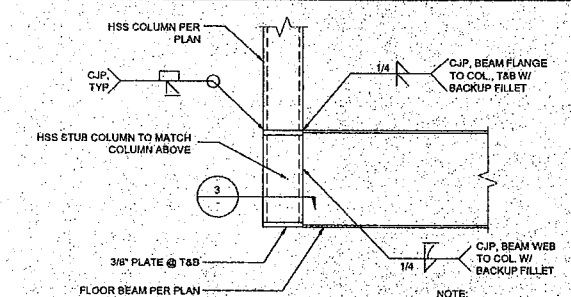
SCALE: 3" = 1'-0"



REF: S-1.01

7B BLOCKING

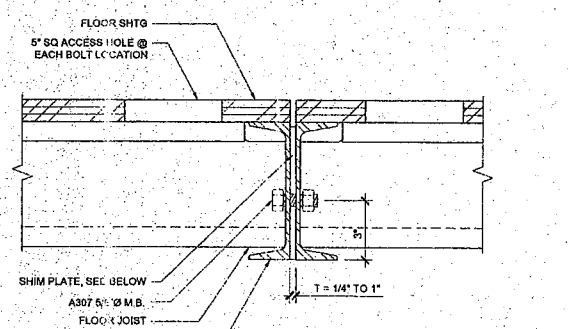
SCALE: 3" = 1'-0"



REF: S-1.01

2 FLOOR BEAM TO COLUMN CONNECTION

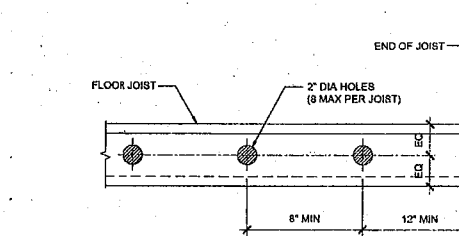
SCALE: 1 1/2" = 1'-0"



REF: S-1.01

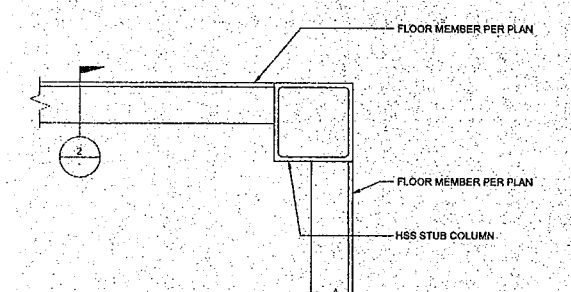
18 MODULE LINE CONNECTION (OPTION 2)

SCALE: 3" = 1'-0"



8 FLOOR JOIST HOLES (OPTIONAL)

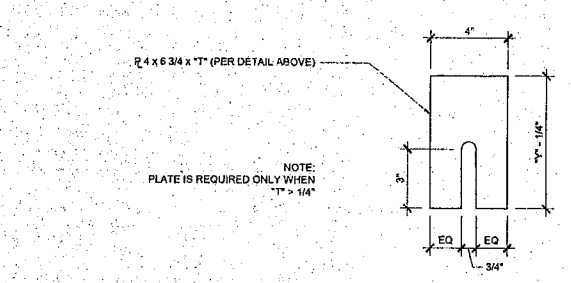
SCALE: 1/8" = 1'-0"



REF: S-1.01

3 CORNER CONNECTION

SCALE: 3" = 1'-0"



REF: S-1.01

19 MODULE LINE CONNECTION (OPTION 2)

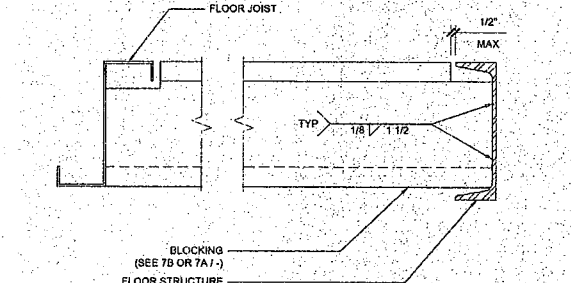
SCALE: 3" = 1'-0"



REF: S-1.01

14 BLOCKING TO END BEAM

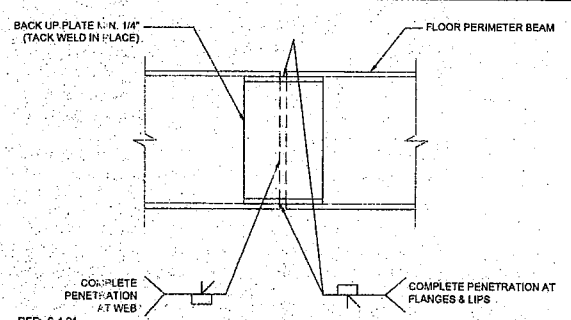
SCALE: 3" = 1'-0"



REF: S-1.01

10 JOIST TO SIDE BEAM

SCALE: 3" = 1'-0"



REF: S-1.01

20 FLOOR BEAM SPLICE

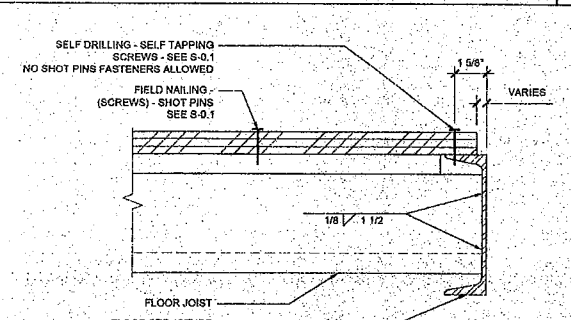
SCALE: 3" = 1'-0"



REF: S-1.01

15 FLOOR BEAM SPLICE

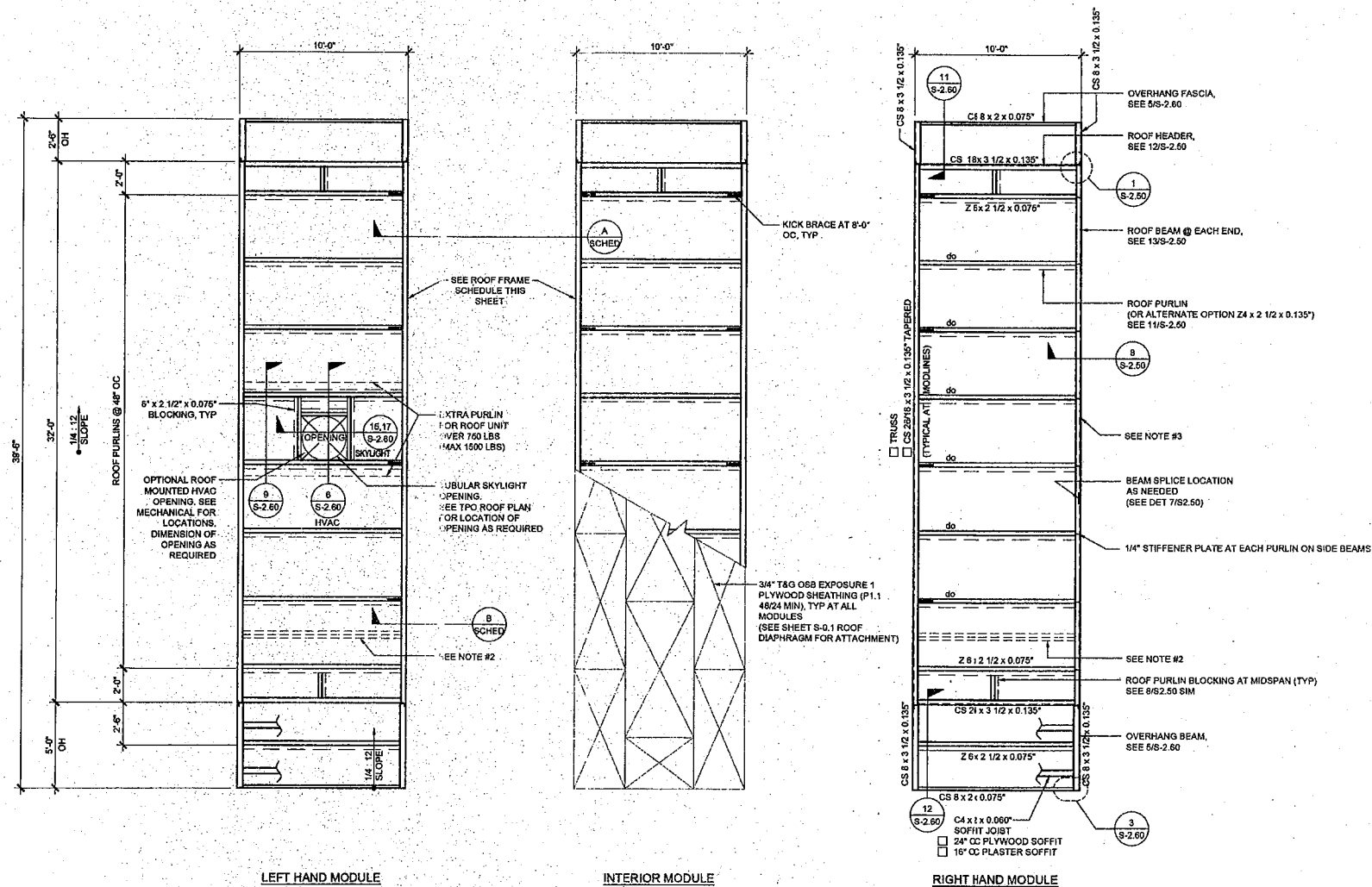
SCALE: 3" = 1'-0"



REF: S-1.01

16 FLOOR BEAM SPLICE

SCALE: 3" = 1'-0"



NOTES

- FOR WALL MOUNTED HVAC UNIT, PROVIDE OPENING THROUGH REAR ROOF HEADER WHERE IT OCCURS. SEE FLOOR PLAN FOR HVAC LOCATION. SEE 5, 16 / S-2.60 OR 8, 19 / S-2.51 FOR DETAILS.
- OPTIONAL PURLIN FOR FIRE SPRINKLER LINE AS NEEDED. LOCATION OF FIRE SPRINKLER PURLIN TO BE DETERMINED BY SITE STIFFENER PLATE OR ANGLE BRACE REQUIRED AT THIS LOCATION. FOR FIRE SPRINKLER LINE SIDE BEAM PENETRATION, SEE 14 / S2.50 OR 14 / S2.51 DETAILS.
- FOR OPTIONAL SIDE BEAM OPENING SEE 10, 15/9-2.50 OR 10, 15/5-2.51 FOR DETAILS.

ROOF FRAME SCHEDULE AT MODLINES

- STANDARD TRUSS
 - *A* SEE DETAIL 7 / S-2.90
 - *B* SEE DETAIL 8 / S-2.90
- ALTERNATE OPTION - TAPERED ROOF BEAM
 - *A* SEE DETAIL 9 / S-2.50
 - *B* SEE DETAIL 8 / S-2.50

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SILVER CREEK INDUSTRIES, INC.



2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

ROOF FRAMING PLAN 0.018", B.U.R., OR TPO MONO SLOPE



ARCHITECT OF RECORD
SUBMISSION DATE

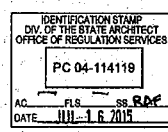
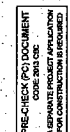
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116126

ACS PLS SS Tg
DATE 11/13/17

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

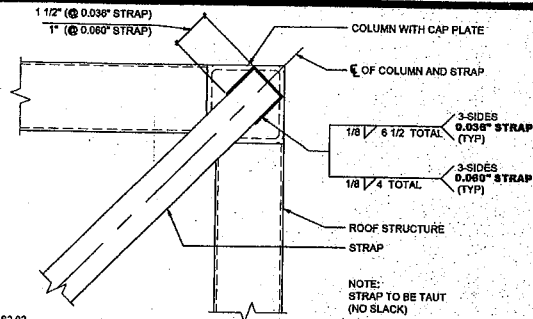
S-2.01

-- HIGH SEISMIC --

ROOF FRAMING PLAN

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

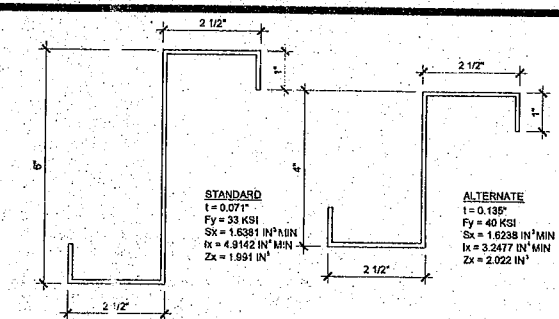
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REF: S2.02

ROOF BRACING STRAP @ END WALL

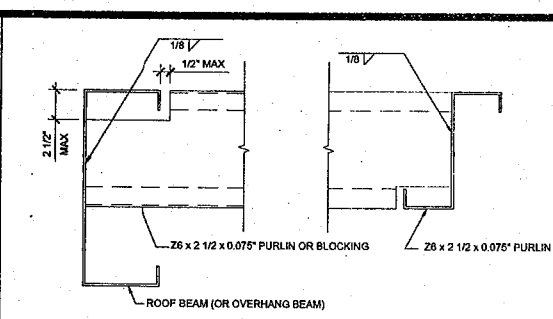
SCALE: 3"=1'-0"



REF: S2.01, S2.02, S2.03

ROOF PURLIN

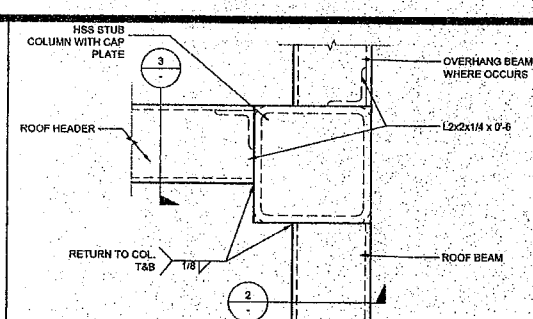
SCALE: 6"=1'-0"



REF: S2.02

TYPICAL PURLIN CONNECTION DETAIL

SCALE: 3"=1'-0"



REF: S2.01, S2.02, S2.03

COLUMN AT ROOF - PLAN

SCALE: 3"=1'-0"

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SILVER CREEK INDUSTRIES, INC.

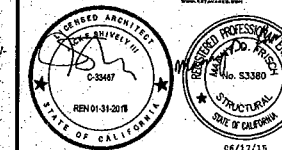


2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

ROOF FRAMING
DETAILS
MONO SLOPE



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116126
ACS FLS T4
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

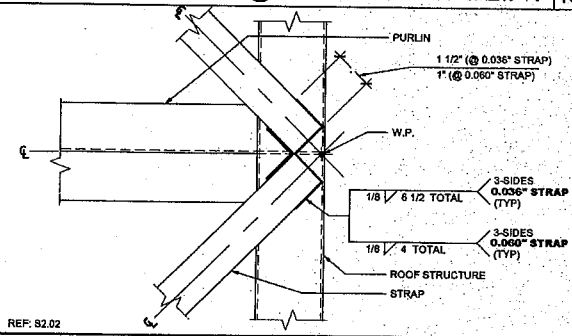
PRE-CHECK (PC) DOCUMENT
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
ACS FLS SS RMP
DATE 11/6/2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 06-12-15
P.C. SHEET NUMBER

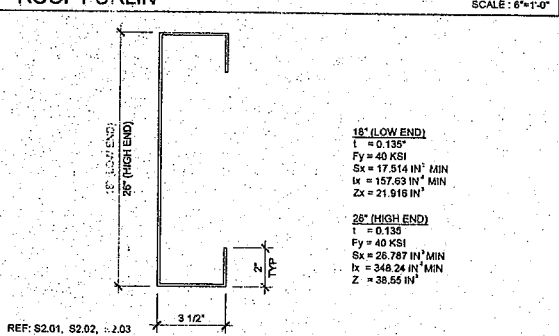
S-2.50
-- HIGH SEISMIC --



REF: S2.02

ROOF BRACING STRAP @ SIDE WALL

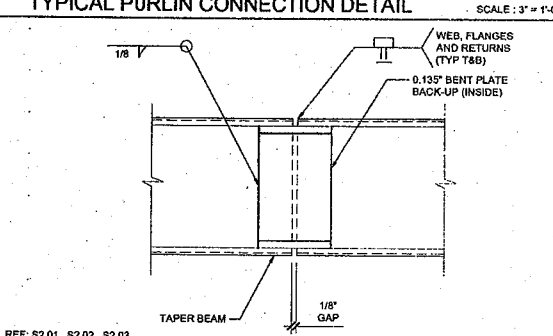
SCALE: 3"=1'-0"



REF: S2.01, S2.02, S2.03

ROOF HEADER

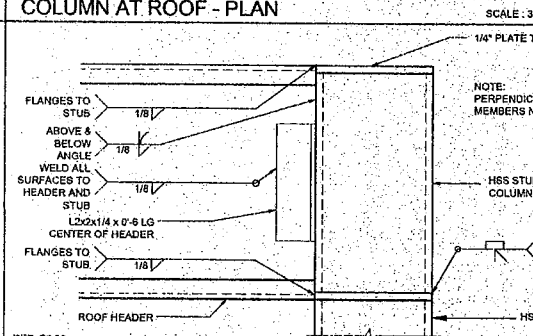
SCALE: NTS



REF: S2.01, S2.02, S2.03

BEAM SPLICE

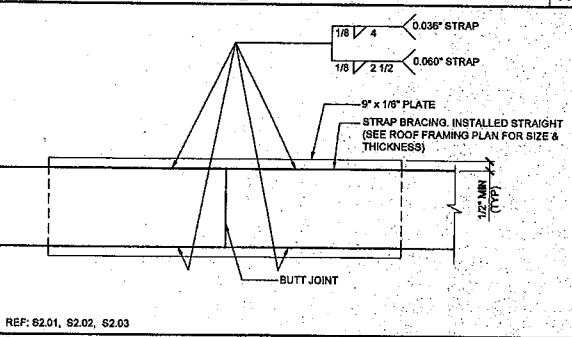
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REF: S2.50

COLUMN AT ROOF - SECTION

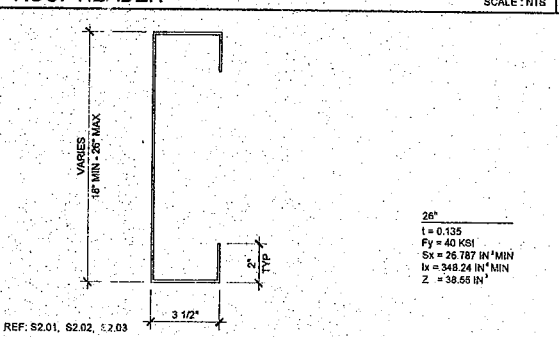
SCALE: 3"=1'-0"



REF: S2.01, S2.02, S2.03

STRAP SPLICE DETAIL

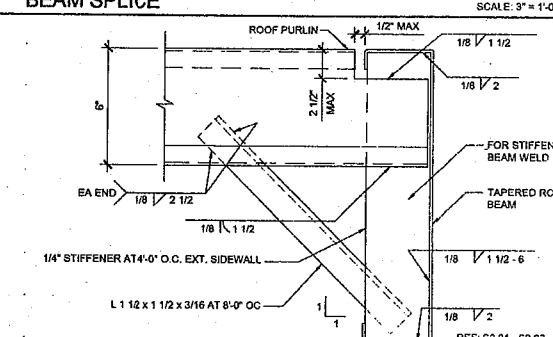
SCALE: 6"=1'-0"



REF: S2.01, S2.02, S2.03

SIDE BEAM

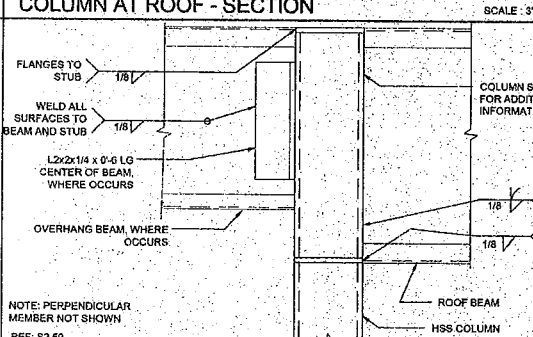
SCALE: NTS



REF: S2.01, S2.02, S2.03

PURLIN TO ROOF BEAM @ STIFFENER

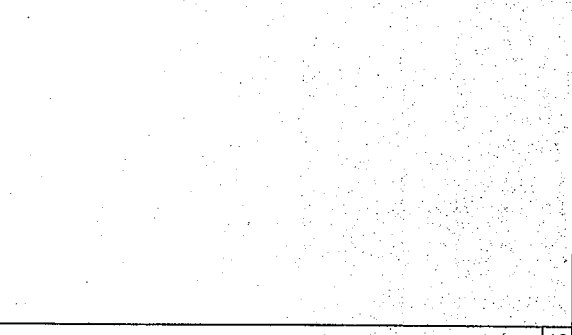
SCALE: 3"=1'-0"



REF: S2.50

COLUMN AT ROOF OVERHANG

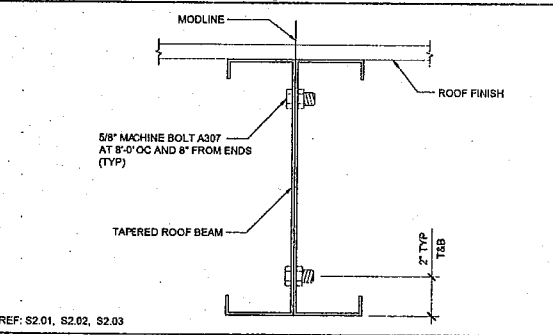
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REF: S2.01, S2.02, S2.03

SIDEWALL BEAM PENETRATION

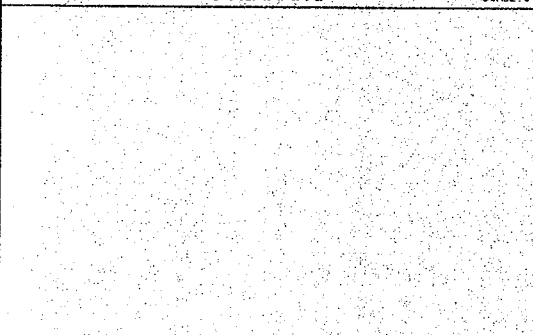
SCALE: 1 1/2"=1'-0"



REF: S2.01, S2.02, S2.03

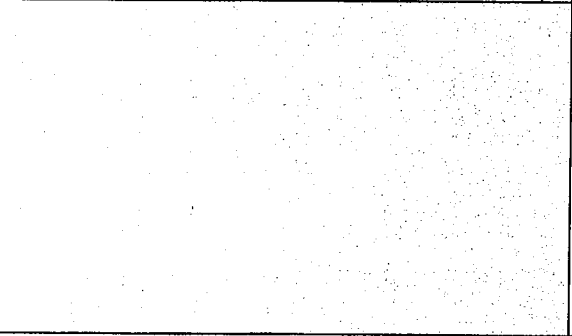
MODULE CONNECTION AT ROOF (OPTION)

SCALE: 3"=1'-0"



NOT USED

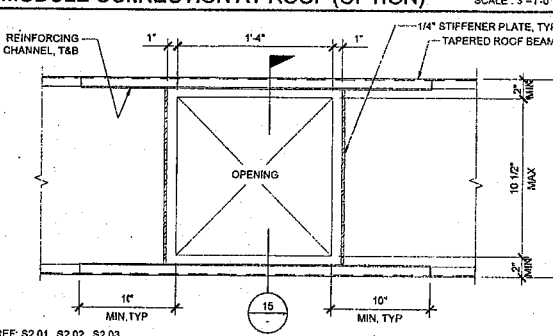
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REF: S2.01, S2.02, S2.03, S2.50

WEB OPENING AT ROOF BEAM (OPTION)

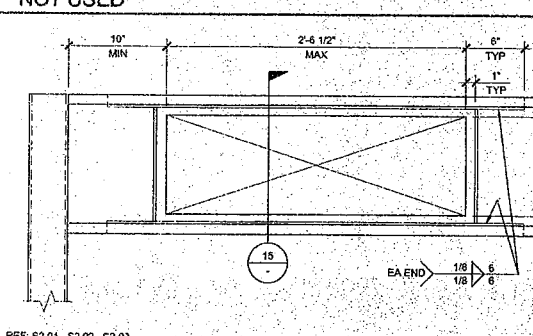
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REF: S2.01, S2.02, S2.03

OPENING AT ROOF BEAM (OPTION)

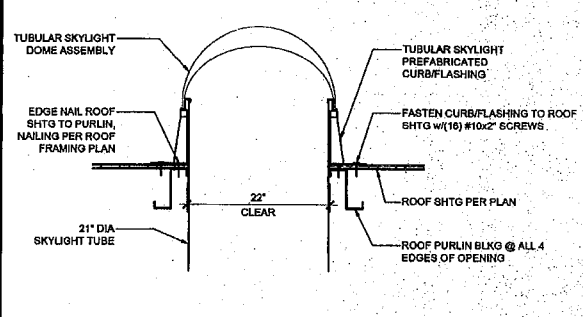
SCALE: 1 1/2"=1'-0"



REF: S2.01, S2.02, S2.03

OPENING AT HEADER

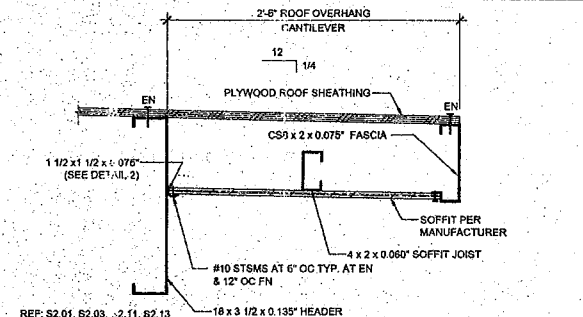
SCALE: 1 1/2"=1'-0"



TUBULAR SKYLIGHT SECTION

SCALE: 1" = 1'-0"

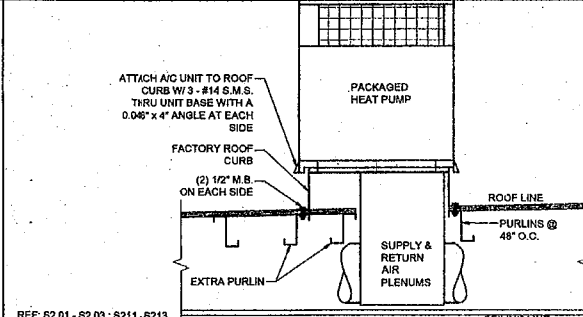
16



REAR OVERHANG SECTION

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

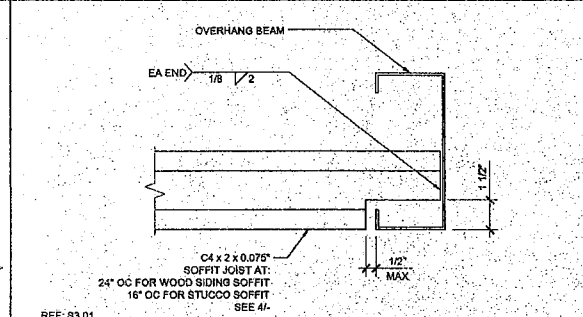
11



HVAC CURB ATTACHMENT

SCALE: 3/4" = 1'-0"

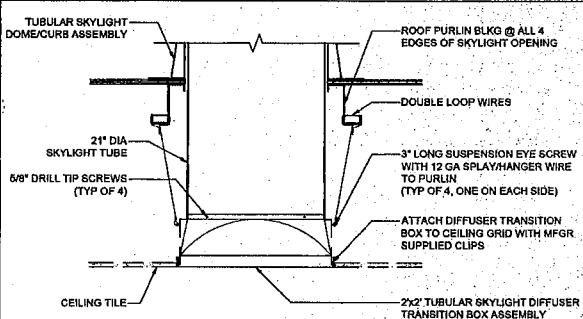
6



SOFFIT JOIST TO OVERHANG BEAM

SCALE: 3" = 1'-0"

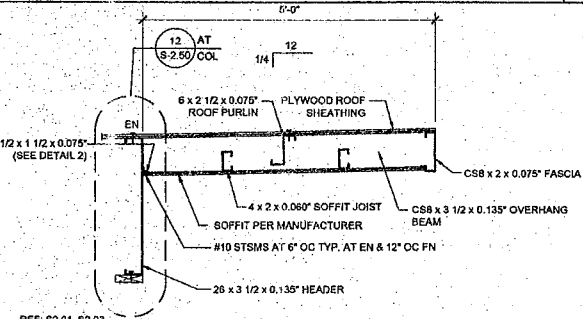
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TUBULAR SKYLIGHT DIFFUSER SECTION

SCALE: 1" = 1'-0"

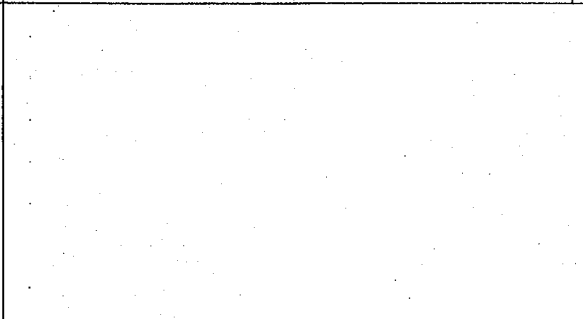
17



FRONT OVERHANG SECTION - MONO SLOPE

SCALE: 3/4" = 1'-0"

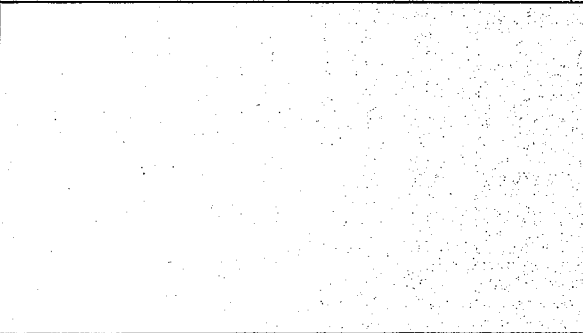
12



SOFFIT ANGLE TO HEADER CONNECTION

SCALE: 3" = 1'-0"

2



FRONT OVERHANG SECTION - DUAL SLOPE

SCALE: 3/4" = 1'-0"

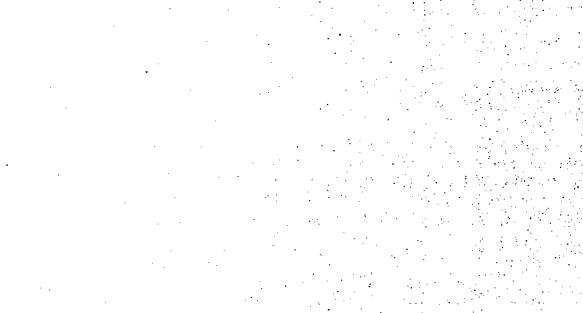
13



OVERHANG FASCIA TO BEAM CONNECTION

SCALE: 8" = 1'-0"

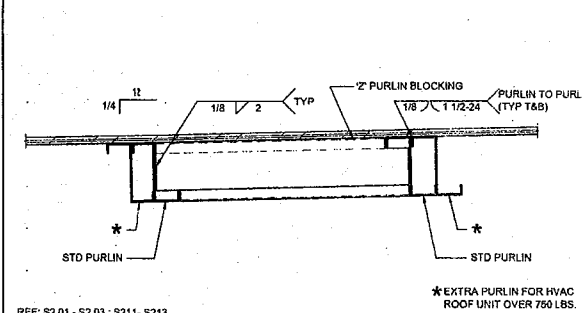
3



5'-0" ROOF OVERHANG AT 0.030" ROOF

SCALE: 3" = 1'-0"

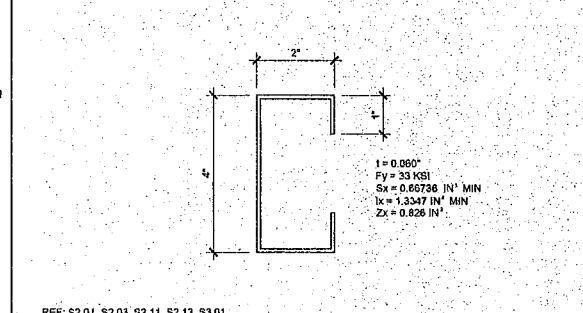
14



DOUBLE PURLINS AT HVAC

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

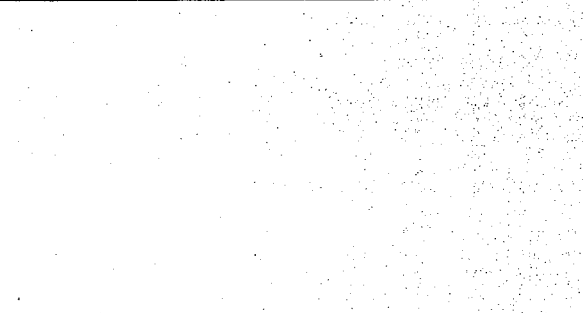
9



SOFFIT JOIST

SCALE: 8" = 1'-0"

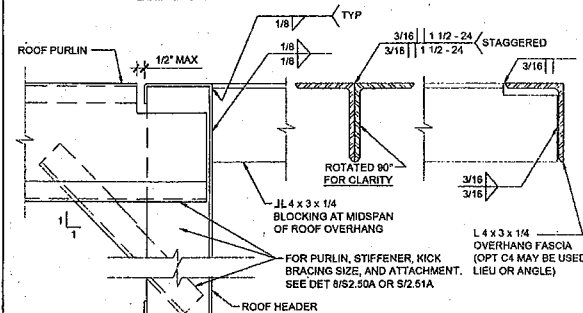
4



5'-0" ROOF OVERHANG AT 0.030" ROOF

SCALE: 3" = 1'-0"

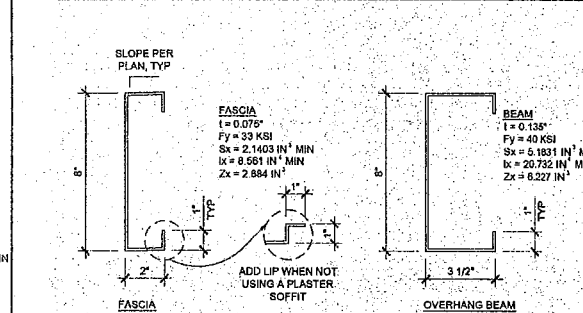
15



OVERHANG SUPPORT TO ROOF HDR @ STIFFENER

SCALE: 3" = 1'-0"

10



OVERHANG FASCIA & BEAM

SCALE: 3" = 1'-0"

5

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SILVER CREEK INDUSTRIES, INC.



2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

ROOF FRAMING DETAILS



ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116126
ACS FLS
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
AC FLS
DATE 11/18/2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

S-2.60

-- HIGH SEISMIC --

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2830 BARRETT AVE PERRIS, CALIFORNIA 92571

PHONE: 951-843-5393 FAX: 951-843-2211

PROJECT NAME:

SHEET TITLE:

ROOF FRAMING DETAILS TRUSS



ARCHITECT OF RECORD
SUBMISSION DATE

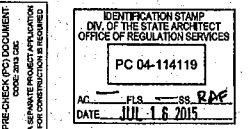
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116126

ACS FLS SJS
DATE 6/13/17

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

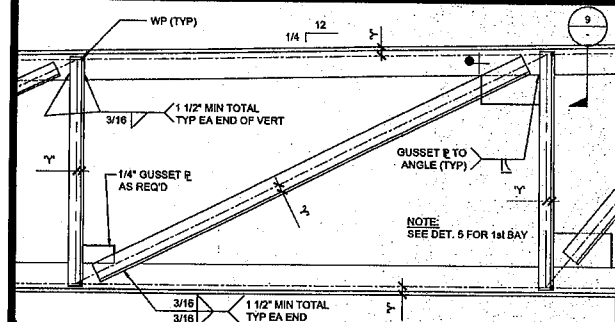
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DATE: 06-12-15

P.C. SHEET NUMBER

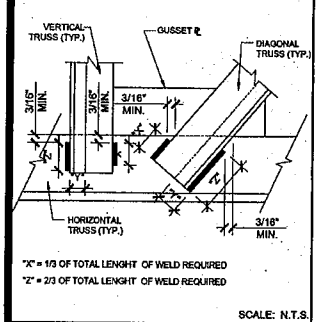
S-2.90

-- HIGH SEISMIC --



TYP. VERTICAL & DIAGONAL (U.N.O.)

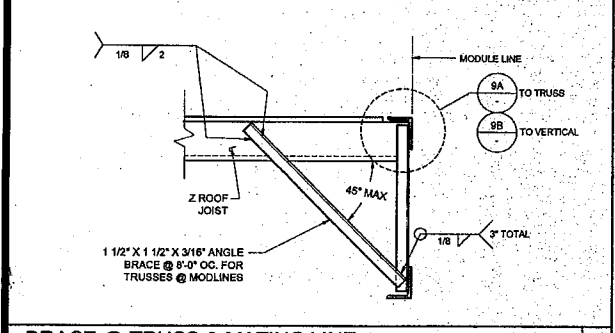
SCALE: 1 1/2" = 1'-0"



WELD REQUIREMENTS

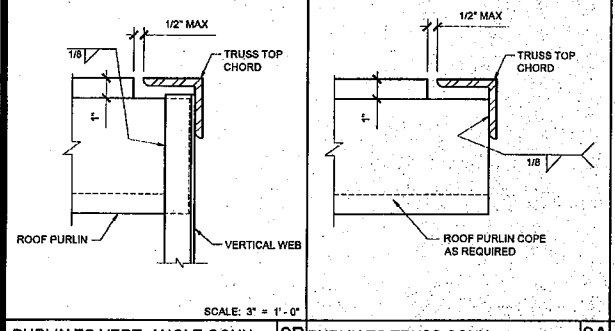
7A CONNECTION @ MODULE LINE

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



BRACE @ TRUSS & MATING LINE

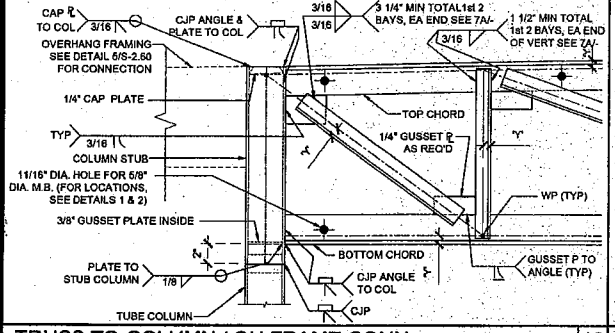
SCALE: 1 1/2" = 1'-0"



PURLIN TO VERT. ANGLE CONN.

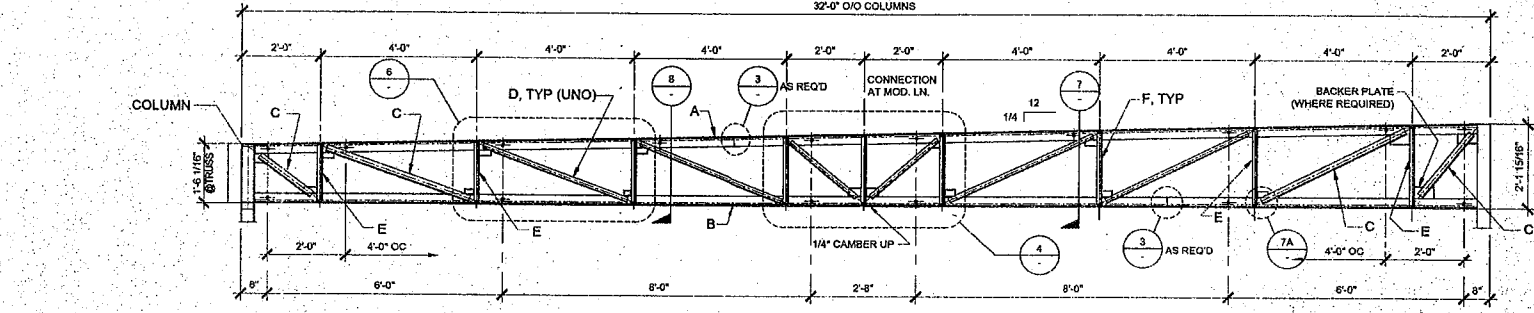
9B PURLIN TO TRUSS CONN.

SCALE: 3" = 1'-0"



TRUSS TO COLUMN / OH FRAME CONN.

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



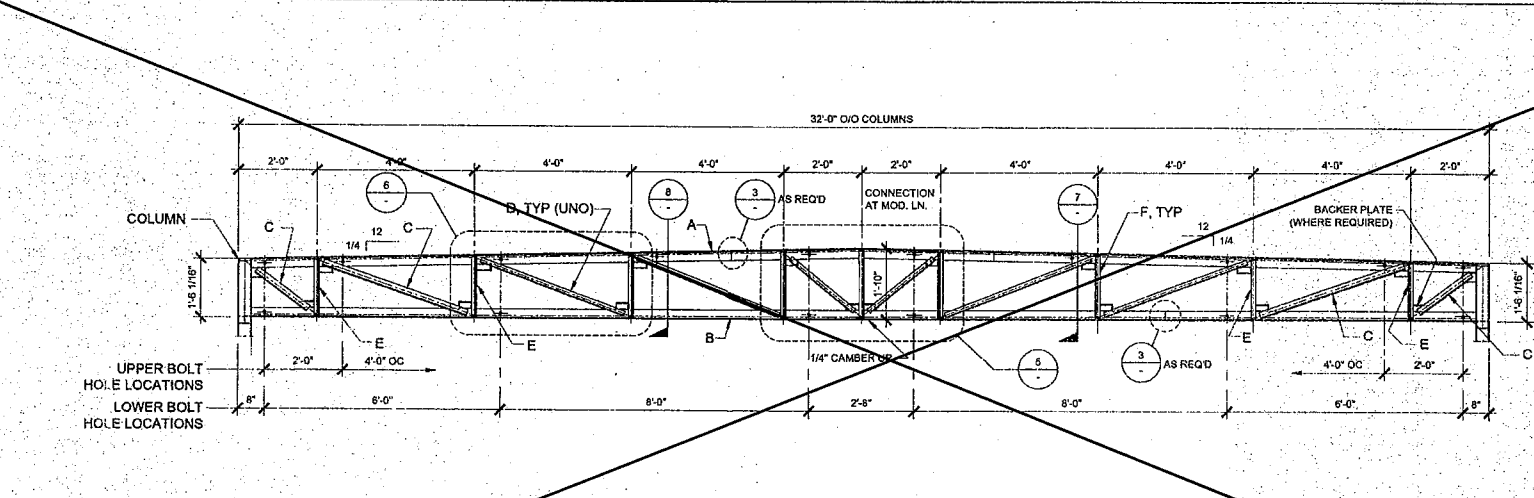
NOTES:

1. ALL STEEL GRADES TO BE A-36 WITH 36 K.S.I. MIN. YIELD
2. REQUIRED ELECTRODES FOR ALL WELDS TO BE E-70
3. VOLTAGE & AMPERAGE SHALL BE PER ELECTRODE MANUFACTURERS SPECIFICATIONS
4. BOLTS AND NUTS GRADES TO BE A307

REF: ROOF FRAMING PLAN

MONO SLOPE TRUSS

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



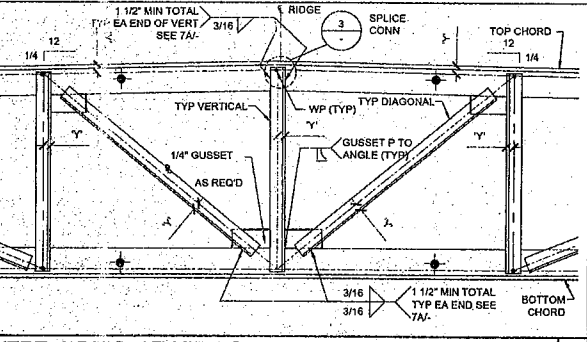
NOTES:

1. ALL STEEL GRADES TO BE A-36 WITH 36 K.S.I. MIN. YIELD
2. REQUIRED ELECTRODES FOR ALL WELDS TO BE E-70
3. VOLTAGE & AMPERAGE SHALL BE PER ELECTRODE MANUFACTURERS SPECIFICATIONS
4. BOLTS AND NUTS GRADES TO BE A307

REF: ROOF FRAMING PLAN

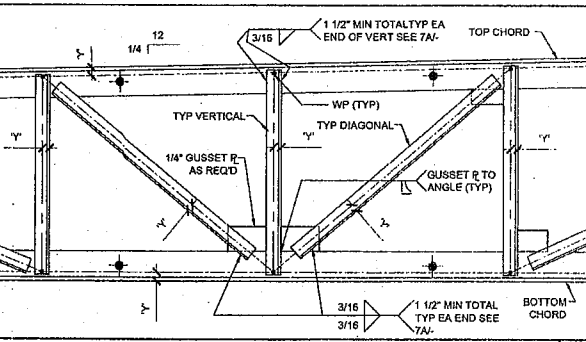
DUAL SLOPE TRUSS

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



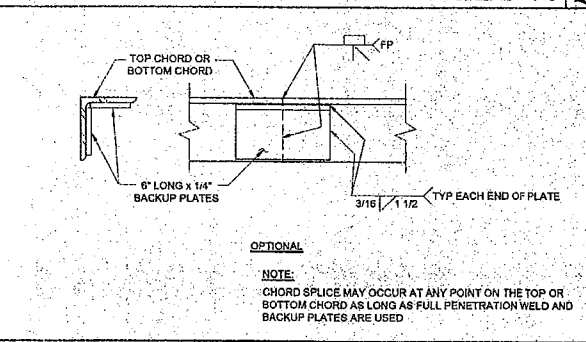
VERT. & DIAG. AT MID-POINT

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



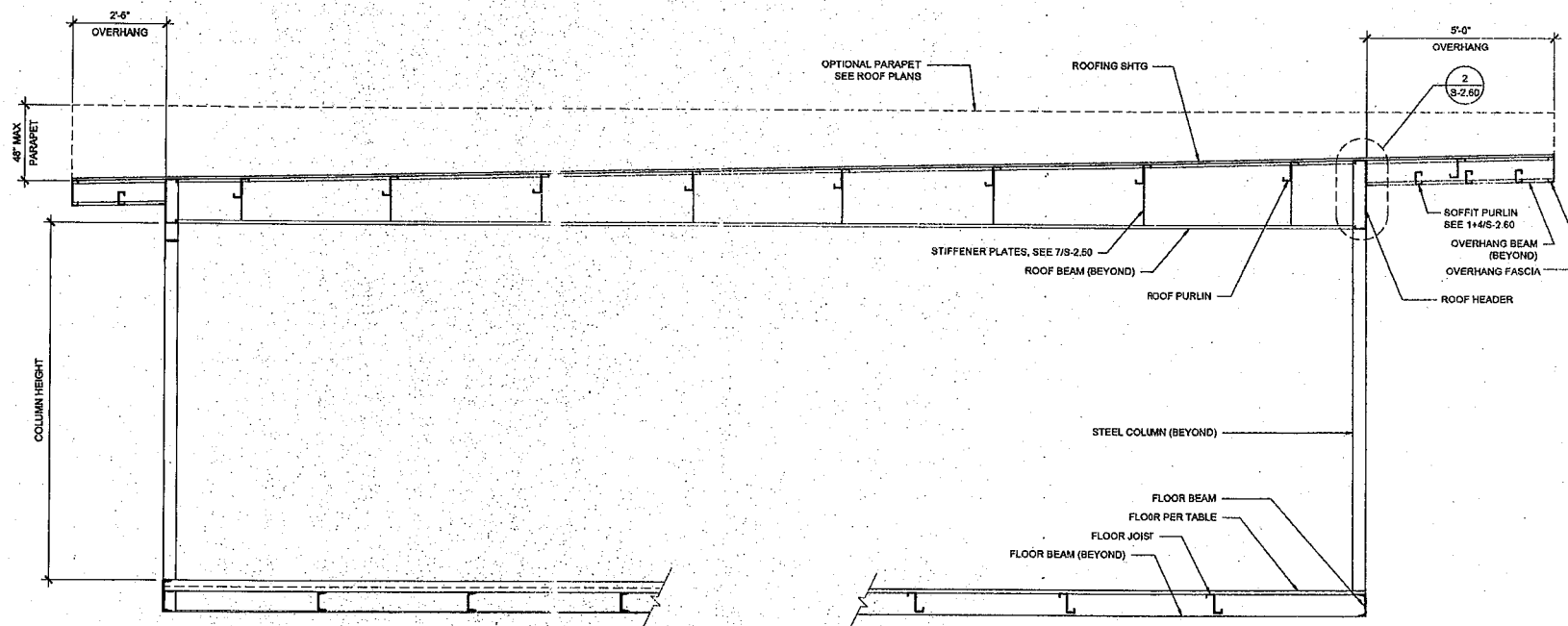
VERT. & DIAG. AT MID-POINT

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



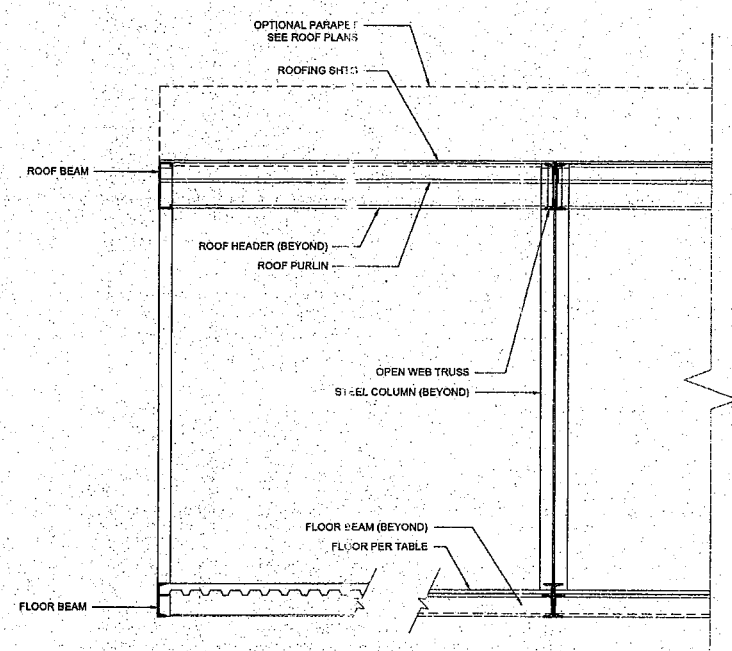
TRUSS CHORD SPLICE

SCALE: 3" = 1'-0"



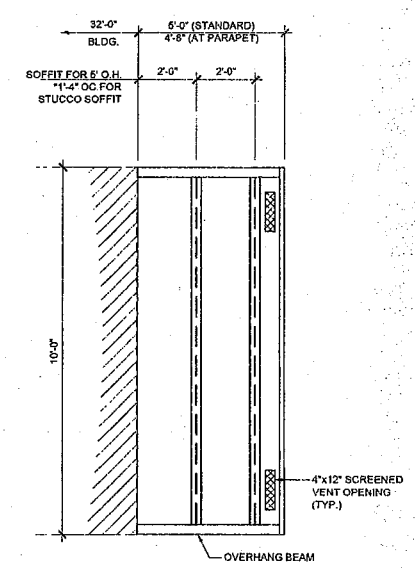
BUILDING SECTION

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



BUILDING SECTION

SCALE: 1/2" = 1'-0" 3



ENCL. SOFFIT PLAN-OPT.

SCALE: 1/4" = 1'-0" 2

NOTES

1. ALL INFORMATION SUCH AS DETAILS, SECTIONS, CONNECTIONS, AND MATERIAL ATTACHMENT SHALL BE REFERENCED FROM OTHER SHEETS WITHIN THIS SET WHERE IT APPLIES.

FLOOR CONSTRUCTION

- ☒ WOOD FLOOR
- ☐ CONCRETE FLOOR

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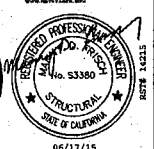
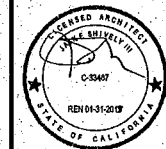


2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

BUILDING SECTIONS
MONO SLOPE



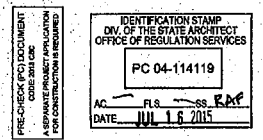
ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116126
ACS: FLS
DATE: 7/13/17

ORIGINAL PC STATE AGENCY APPROVAL

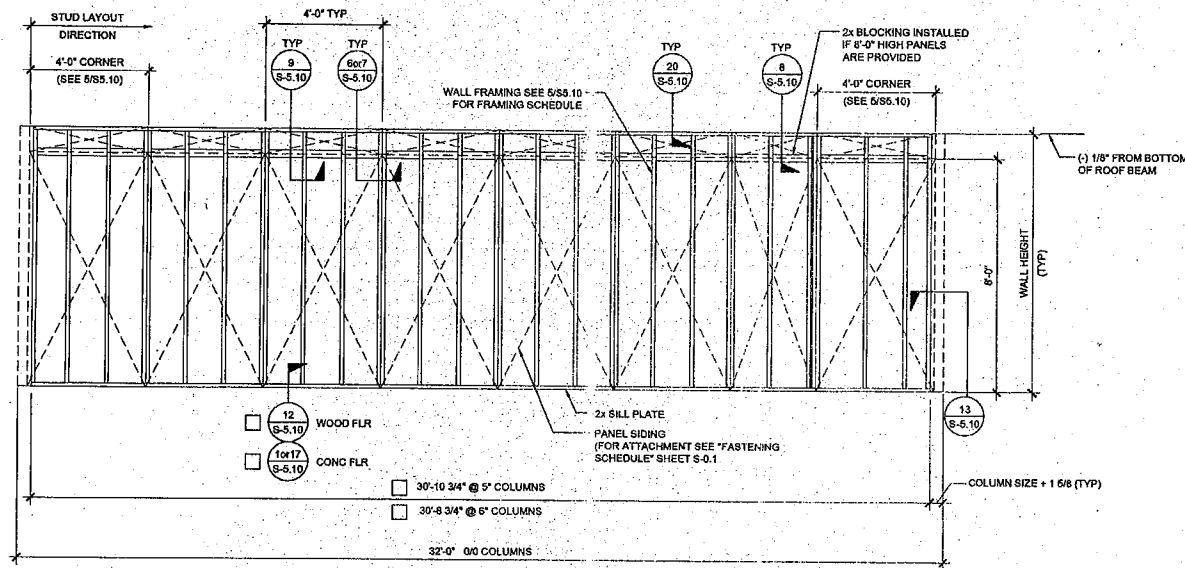


REVISIONS

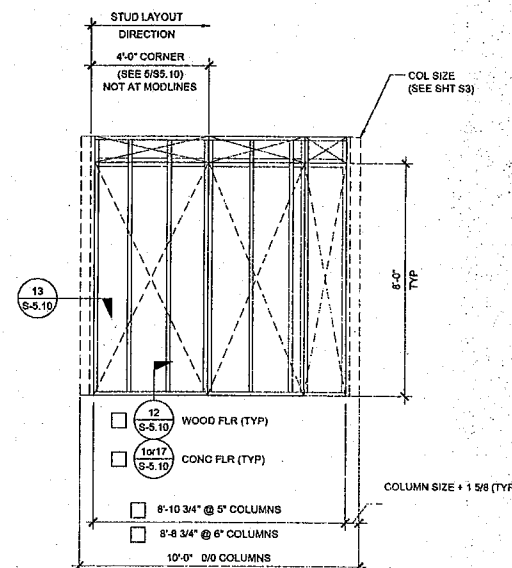
SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO.:
DRAWN BY:
SCALE: AS NOTED
DATE: 06-12-15
P.C. SHEET NUMBER

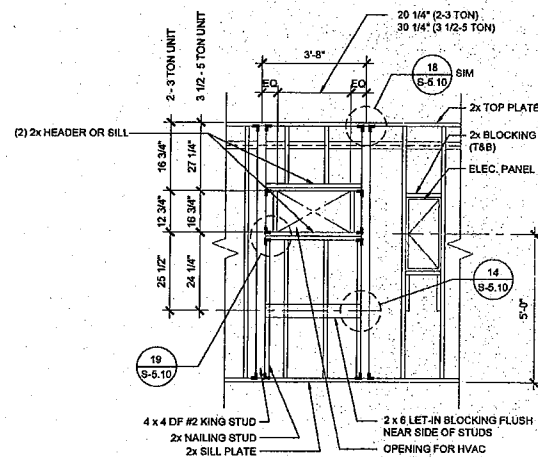
S-3.01
-- HIGH SEISMIC --



TYPICAL SIDE WALL

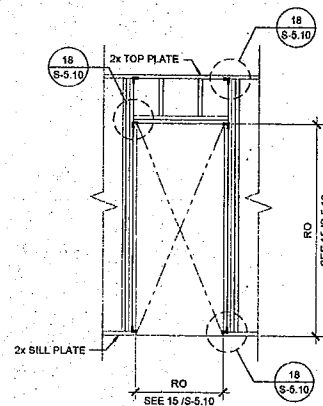
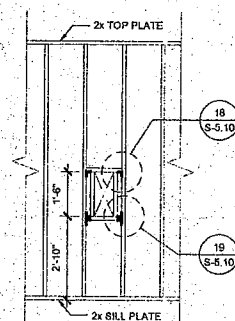


TYPICAL END WALL

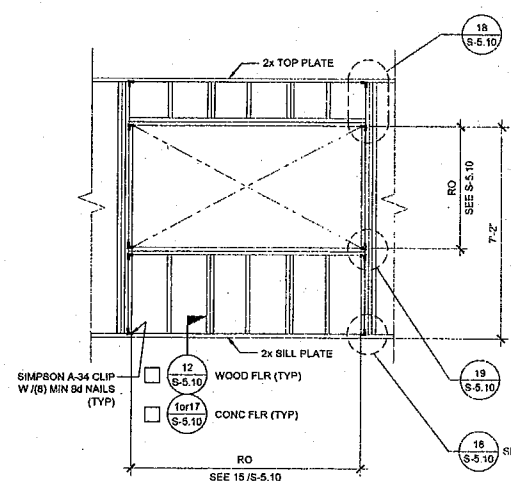


TYPICAL HVAC

FIRE EXTINGUISHER
CABINET BLOCKOUT



TYPICAL DOOR



TYPICAL WINDOW

NOTES

WALL HEIGHT SCHEDULE

COLUMN HEIGHT	9'-0"	9'-6"	10'-0"	10'-6"
CONCRETE FLOOR	8'-11 7/8"	9'-5 7/8"	9'-11 7/8"	10'-5 7/8"
WOOD FLOOR	8'-10 3/4"	9'-4 3/4"	9'-10 3/4"	10'-4 3/4"

NOTE:
IF PARAPET USED IS HIGHER THAN 18" END
WALLS MUST BE 2x6 @ 24" O.C.

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SILVER CREEK INDUSTRIES, INC.



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PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

FRAMING ELEVATIONS
WOOD STUDS



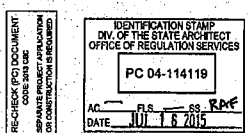
ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116126
ACS FLS SS Tg
DATE 9/17/15

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

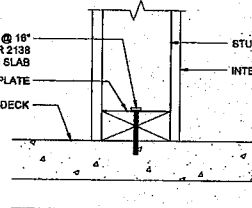
DATE: 08-12-15

P.C. SHEET NUMBER

S-5.00

- HIGH SEISMIC -

SIMPSON 0.145 SHOT PIN @ 16" OC PER ESR 2138 1" MIN. EMBED IN SLAB
SILL PLATE
LT WT CONC OVER B-DECK
STUD
INTERIOR FINISH

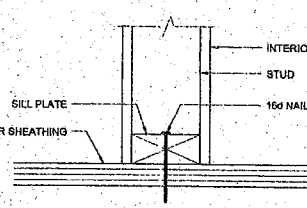


PARTITION CONNECTION AT CONC FLOOR

SCALE: 3/4"=1'-0"

16

INTERIOR FINISH
STUD
16d NAILS AT 16" OC
SILL PLATE
FLOOR SHEATHING

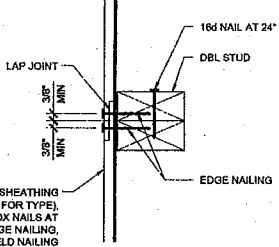


PARTITION CONNECTION AT WOOD FLOOR

SCALE: 3/4"=1'-0"

11

16d NAIL AT 24" OC
DBL STUD
EDGE NAILING
EXTERIOR SHEATHING (SEE SHEET S-0.1 FOR TYPE)
ATTACH W/ 8d GALV (ASTM A153) BOX NAILS AT 6" OC EDGE NAILING, 12" OC FIELD NAILING

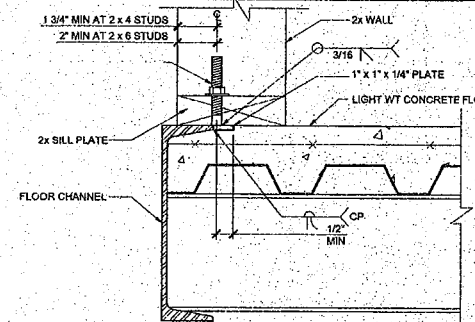


VERTICAL SHEATHING LAP JOINT

SCALE: 3/4"=1'-0"

6

1 3/4" MIN AT 2 x 4 STUDS
2" MIN AT 2 x 6 STUDS
2x WALL
1" x 1" x 1/4" PLATE
LIGHT WT CONCRETE FLOOR
2x SILL PLATE
FLOOR CHANNEL
CP
1/2" MIN

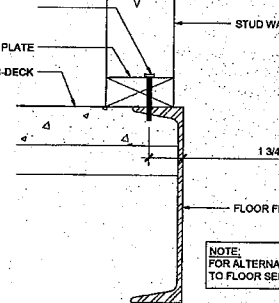


OPTIONAL BOLTED WALL TO FLOOR

SCALE: NTS

1

PRESSURE TREATED SILL PLATE
LT WT CONC OVER B-DECK
STUD WALL
1 3/4"



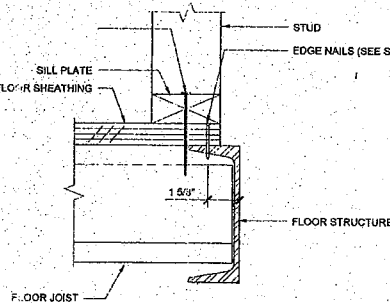
NOTE:
FOR ALTERNATE BOLTED TO FLOOR SEE DETAIL #1

WALL SILL AT CONCRETE FLOOR

SCALE: 3/4"=1'-0"

17

STUD
EDGE NAILS (SEE SPEC SHEET S-0.1A)
SILL PLATE
FLOOR SHEATHING
1 5/8"
FLOOR STRUCTURE
FLOOR JOIST

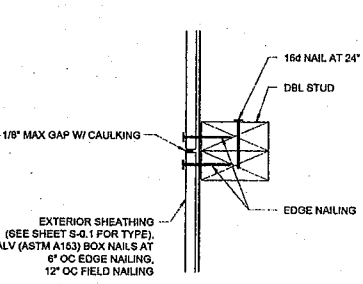


WALL SILL AT WOOD FLOOR

SCALE: 3/4"=1'-0"

12

16d NAIL AT 24" OC
DBL STUD
EDGE NAILING
EXTERIOR SHEATHING (SEE SHEET S-0.1 FOR TYPE)
ATTACH W/ 8d GALV (ASTM A153) BOX NAILS AT 6" OC EDGE NAILING, 12" OC FIELD NAILING

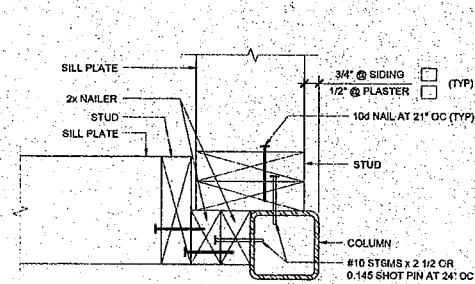


VERTICAL SHEATHING BUTT JOINT

SCALE: 3/4"=1'-0"

7

SILL PLATE
2x NAILER
STUD
SILL PLATE
3/4" @ SIDING (TYP)
1/2" @ PLASTER (TYP)
10d NAIL AT 21" OC (TYP)
STUD
COLUMN
#10 STMS x 2 1/2 CR
0.145 SHOT PIN AT 24" OC

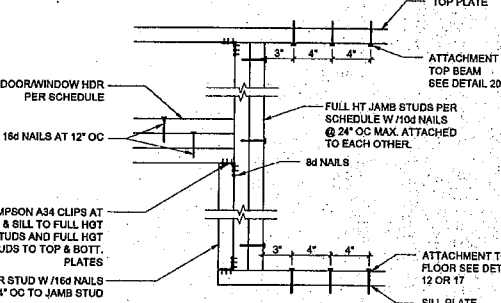


COLUMN AT ENDWALL (2x4)

SCALE: 3/4"=1'-0"

2

TOP PLATE
ATTACHMENT TO TOP BEAM SEE DETAIL 20
DOOR/WINDOW HDR PER SCHEDULE
16d NAILS AT 12" OC
SIMPSON A34 CLIPS AT HDR & SILL TO FULL HT STUDS AND FULL HT STUDS TO TOP & BOT. PLATES
2x TRIMMER STUD W/ 16d NAILS @ 24" OC TO JAMB STUD
FULL HT JAMB STUDS PER SCHEDULE W/ 10d NAILS @ 24" OC MAX. ATTACHED TO EACH OTHER
8d NAILS
ATTACHMENT TO FLOOR SEE DETAIL 12 OR 17
SILL PLATE

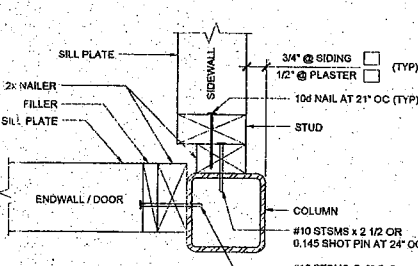


DOOR/WINDOW HEADER AND JAMB

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

18

SILL PLATE
2x NAILER
FILLER
SILL PLATE
SIDING
10d NAIL AT 21" OC (TYP)
STUD
ENDWALL / DOOR
COLUMN
#10 STMS x 2 1/2 OR 0.145 SHOT PIN AT 24" OC
#10 STMS @ 6" O.C.

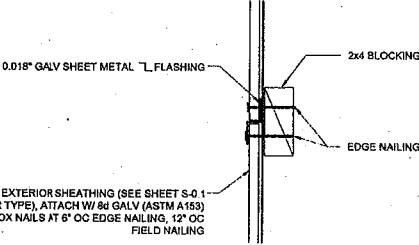


COLUMN AT ENDWALL (2x4)

SCALE: 3/4"=1'-0"

13

0.018" GALV SHEET METAL FLASHING
2x4 BLOCKING
EDGE NAILING
EXTERIOR SHEATHING (SEE SHEET S-0.1 FOR TYPE)
ATTACH W/ 8d GALV (ASTM A153) BOX NAILS AT 6" OC EDGE NAILING, 12" OC FIELD NAILING

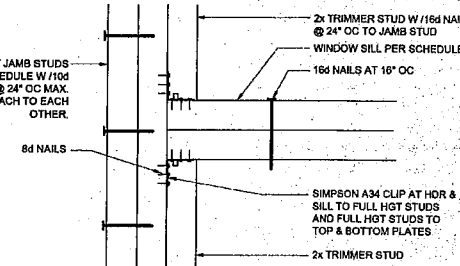


HORIZONTAL SHEATHING JOINT

SCALE: 3/4"=1'-0"

8

2x TRIMMER STUD W/ 16d NAILS @ 24" OC TO JAMB STUD
WINDOW SILL PER SCHEDULE
16d NAILS AT 16" OC
FULL HT JAMB STUDS PER SCHEDULE W/ 10d NAILS @ 24" OC MAX. ATTACH TO EACH OTHER
8d NAILS
SIMPSON A34 CLIP AT HDR & SILL TO FULL HT STUDS AND FULL HT STUDS TO TOP & BOTTOM PLATES
2x TRIMMER STUD

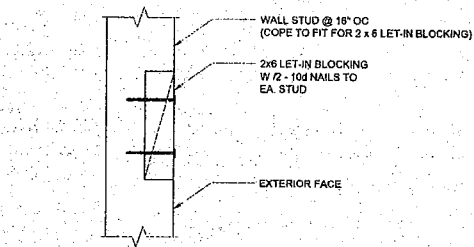


WINDOW SILL AND JAMB

SCALE: 3/4"=1'-0"

19

WALL STUD @ 16" OC (COPE TO FIT FOR 2 x 6 LET-IN BLOCKING)
2x6 LET-IN BLOCKING W/ 2 - 10d NAILS TO EA STUD
EXTERIOR FACE

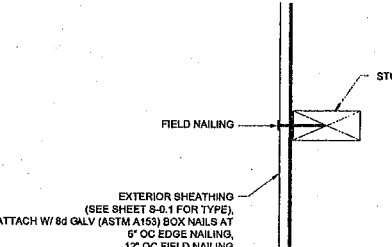


LET-IN BLOCK ATTACHMENT

SCALE: 3/4"=1'-0"

14

STUD
FIELD NAILING
EXTERIOR SHEATHING (SEE SHEET S-0.1 FOR TYPE)
ATTACH W/ 8d GALV (ASTM A153) BOX NAILS AT 6" OC EDGE NAILING, 12" OC FIELD NAILING



SECTION AT SHEATHING TO STUD ATTACHMENT

SCALE: 3/4"=1'-0"

9

2x4 OPENING STUDS SCHEDULE

SCALE: NTS

4

COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING				4" CORNER OF WOOD WALL FRAMING (ZONE 5)					
		NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC		
LESS THAN 9'-6"	NO PLASTER	(1)	2X4	HF	#2	16" OC	(1)	2X4	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X4	DF	#2	16" OC	(1)	2X4	DF	#2	16" OC
9'-6" TO 10'-6"	NO PLASTER	(1)	2X4	HF	#2	16" OC	(1)	2X4	HF	#2	12" OC
	NO PLASTER (OPT)	(1)	2X4	DF	#2	16" OC	(1)	2X4	DF	#2	16" OC

NOTE:
2X4 WALL FRAMING NOT ALLOWED WITH PLASTER WALL FINISH

REVISIONS

NO.	DESCRIPTION
1	ADD 12" OC FIELD NAILING
2	ADD 12" OC FIELD NAILING
3	ADD 12" OC FIELD NAILING
4	ADD 12" OC FIELD NAILING

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 06-12-15

P.C. SHEET NUMBER

S-5.10

--- HIGH SEISMIC ---

15

COLUMN AT ENDWALL (2x8)

SCALE: 3/4"=1'-0"

10

2x4 WALL FRAMING SCHEDULE

SCALE: NTS

5

TOP PLATE AT ROOF BEAM

SCALE: 3/4"=1'-0"

20

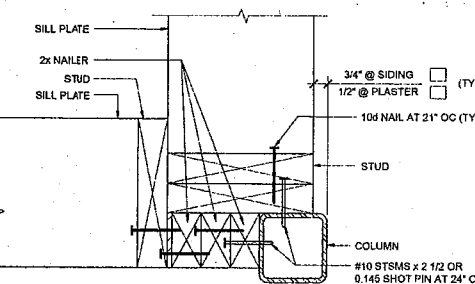
ROUGH OPENING SCHEDULE

SCALE: 3/4"=1'-0"

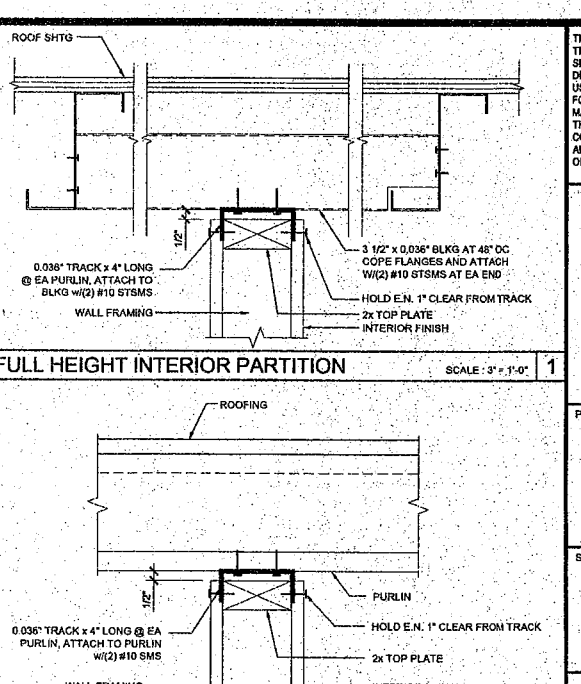
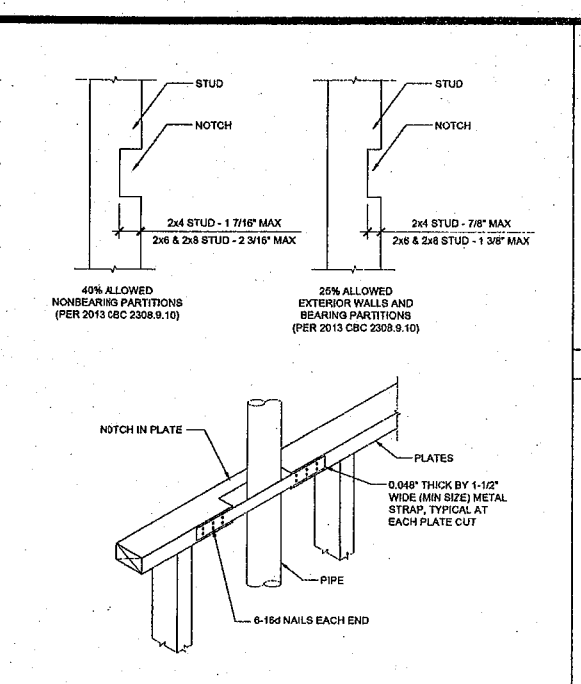
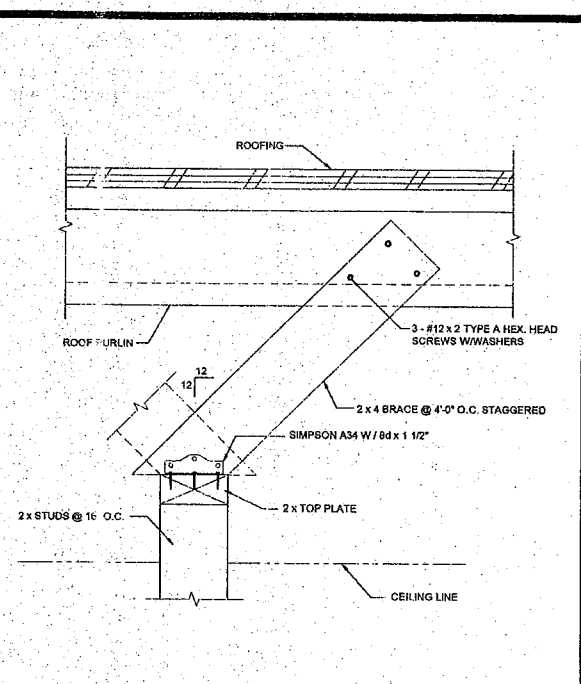
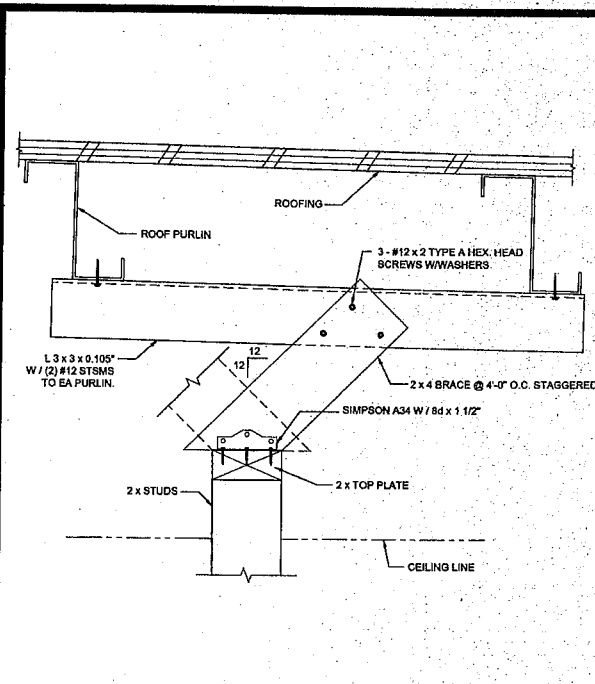
15

DOOR	WINDOW	STANDARD	WELDED FRAME
2070	26"	65"	28 1/4" 86 1/4"
3070	38"	65"	40 1/4" 86 1/4"
4070	60"	65"	52 1/4" 86 1/4"
6070	74"	65"	76 1/4" 86 1/4"
4040	47 3/4"	47 5/8"	52 1/4" 52 1/4"
6040	71 3/4"	47 5/8"	76 1/4" 52 1/4"
8040	95 3/4"	47 5/8"	100 1/4" 52 1/4"
6020	71 3/4"	23 5/8"	76 1/4" 28 1/4"
8020	95 3/4"	23 5/8"	100 1/4" 28 1/4"

SILL PLATE
2x NAILER
STUD
SILL PLATE
3/4" @ SIDING (TYP)
1/2" @ PLASTER (TYP)
10d NAIL AT 21" OC (TYP)
STUD
COLUMN
#10 STMS x 2 1/2 OR 0.145 SHOT PIN AT 24" OC

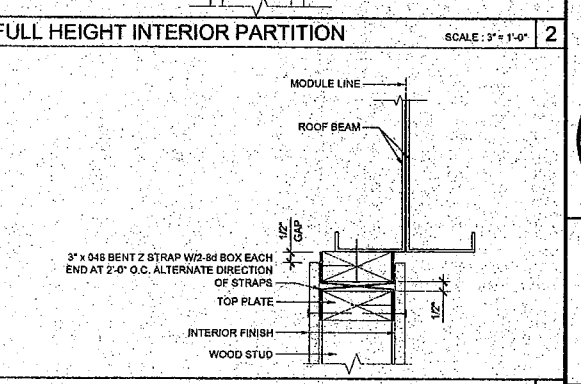
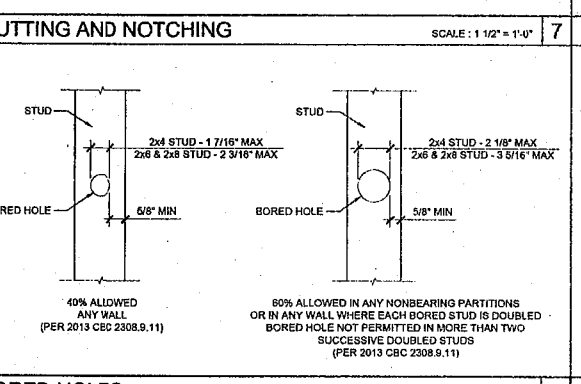


NOTE:
2X4 WALL FRAMING NOT ALLOWED WITH PLASTER WALL FINISH



INTERIOR PARTITION													SCALE: 3" = 1'-0"			14
COLUMN HEIGHT	OPENING SIZE	EXT FINISH	HEADER				SILL				FULL HEIGHT KING STUD					
			NUMBER	SIZE **	LUMBER TYPE	NUMBER **	SIZE **	LUMBER TYPE	NUMBER	SIZE **	LUMBER TYPE					
LESS THAN 9'-0"	3070	NO PLASTER	(1)	2X6	HF	#2	N/A	(1)	2X6	HF	#2	(1)	2X6	HF	#2	
		NO PLASTER (OPT)	(1)	2X6	DF	#2	N/A	(1)	2X6	DF	#2	(1)	2X6	DF	#2	
		W/PLASTER	(1)	2X6	HF	#2	N/A	(2)	2X6	HF	#2	(2)	2X6	HF	#2	
		W/PLASTER (OPT)	(1)	2X6	DF	#2	N/A	(1)	2X6	DF	#2	(1)	2X6	DF	#2	
	4070	NO PLASTER	(1)	2X6	HF	#2	N/A	(1)	2X6	HF	#2	(1)	2X6	HF	#2	
		NO PLASTER (OPT)	(1)	2X6	DF	#2	N/A	(1)	2X6	DF	#2	(1)	2X6	DF	#2	
		W/PLASTER	(1)	2X6	HF	#2	N/A	(2)	2X6	HF	#2	(2)	2X6	HF	#2	
		W/PLASTER (OPT)	(1)	2X6	DF	#2	N/A	(1)	2X6	DF	#2	(1)	2X6	DF	#2	
	6040	NO PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2		
		NO PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(1)	2X6	DF	#2		
		W/PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2		
		W/PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2		
8040	NO PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2			
	NO PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2			
	W/PLASTER	(2)	2X6	HF	#2	(2)	2X6	HF	#2	(2)	2X6	HF	#2			
	W/PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2			

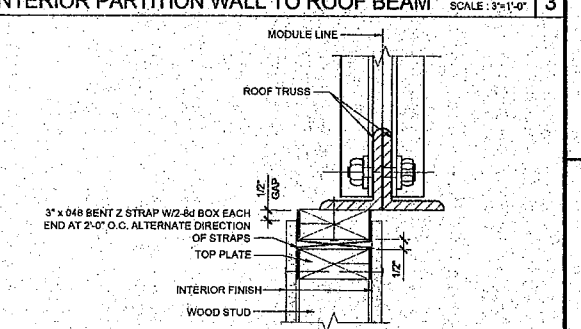
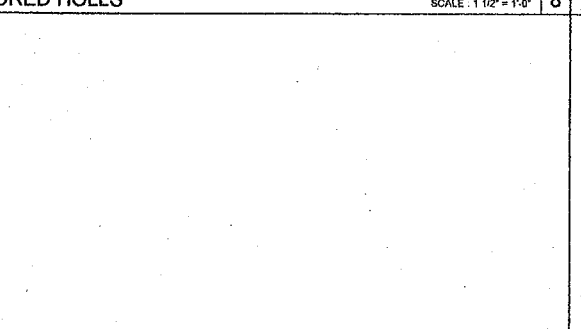
INTERIOR PARTITION													SCALE: 3" = 1'-0"				12	
COLUMN HEIGHT	OPENING SIZE	EXT. FINISH	HEADER				SILL				FULL HEIGHT KING STUD							
			NUMBER	SIZE	LUMBER TYPE		NUMBER	SIZE	LUMBER TYPE		NUMBER	SIZE	LUMBER TYPE					
LESS THAN 9'-0"	3070	NO PLASTER	(1)	2X6	HF	#2		N/A		(1)	2X6	HF	#2		(1)	2X6	HF	#2
		NO PLASTER (OPT)	(1)	2X6	DF	#2		N/A		(1)	2X6	DF	#2		(1)	2X6	DF	#2
		W/ PLASTER	(1)	2X6	HF	#2		N/A		(1)	2X6	HF	#2		(1)	2X6	HF	#2
		W/ PLASTER (OPT)	(1)	2X6	DF	#2		N/A		(1)	2X6	DF	#2		(1)	2X6	DF	#2
4070	NO PLASTER	(1)	2X6	HF	#2		N/A		(1)	2X6	HF	#2		(1)	2X6	HF	#2	
	NO PLASTER (OPT)	(1)	2X6	DF	#2		N/A		(1)	2X6	DF	#2		(1)	2X6	DF	#2	
	W/ PLASTER	(1)	2X6	HF	#2		N/A		(1)	2X6	HF	#2		(2)	2X6	HF	#2	
	W/ PLASTER (OPT)	(1)	2X6	DF	#2		N/A		(1)	2X6	DF	#2		(1)	2X6	DF	#2	
6040	NO PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2	
	NO PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2	
	W/ PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2	
	W/ PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2	
8040	NO PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(1)	2X6	HF	#2	
	NO PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(1)	2X6	DF	#2	
	W/ PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2	
	W/ PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2	



COLUMN HEIGHT	OPENING SIZE	FINISH	WOOD WALL FRAMING				4" CORNER OF WOOD WALL FRAMING (ZONE 5)							
			NUMBER #*	SIZE #*	LUMBER TYPE	OC	NUMBER #*	SIZE #*	LUMBER TYPE	OC				
9'-0" TO 10'-0"	3070	NO PLASTER	(1)	2X6	HF	#2	N/A		(1)	2X6	HF	#2		
		NO PLASTER (OPT)	(1)	2X6	DF	#2	N/A		(1)	2X6	DF	#2		
		W/ PLASTER	(1)	2X6	HF	#2	N/A		(2)	2X6	HF	#2		
		W/ PLASTER (OPT)	(1)	2X6	DF	#2	N/A		(2)	2X6	DF	#2		
	4070	NO PLASTER	(1)	2X6	HF	#2	N/A		(1)	2X6	HF	#2		
		NO PLASTER (OPT)	(1)	2X6	DF	#2	N/A		(1)	2X6	DF	#2		
		W/ PLASTER	(1)	2X6	HF	#2	N/A		(2)	2X6	HF	#2		
		W/ PLASTER (OPT)	(1)	2X6	DF	#2	N/A		(2)	2X6	DF	#2		
	6040	NO PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2
		NO PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2
		W/ PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2
		W/ PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2
8040	NO PLASTER	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2	
	NO PLASTER (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2	
	W/ PLASTER	(2)	2X6	HF	#2	(2)	2X6	HF	#2	(3)	2X6	HF	#2	
	W/ PLASTER (OPT)	(2)	2X6	DF	#2	(2)	2X6	DF	#2	(3)	2X6	DF	#2	

* 2x6 and 2x6 STUD OPTIONS MAY BE SUBSTITUTED IN LIEU OF 2x4 - NUMBER OF STUDS DO NOT CHANGE AND SHALL REMAIN THE SAME

COLUMN HEIGHT	OPENING SIZE	FRISH	WOOD WALL FRAMING				4" CORNER OF WOOD WALL FRAMING (ZONE 5)							
			NUMBER #1	SIZE	LUMBER TYPE	OC	NUMBER #2	SIZE	LUMBER TYPE	OC				
LESS THAN 9'-0"	3070	NO PLASTER	(1)	2X8	HF	#2	N/A	(1)	2X8	HF	#2			
		NO PLASTER (OPT)	(1)	2X8	DF	#2	N/A	(1)	2X8	DF	#2			
		W/ PLASTER	(1)	2X8	HF	#2	N/A	(1)	2X8	HF	#2			
		W/ PLASTER (OPT)	(1)	2X8	DF	#2	N/A	(1)	2X8	DF	#2			
9'-0" TO 10'-0"	4070	NO PLASTER	(1)	2X8	HF	#2	N/A	(1)	2X8	HF	#2			
		NO PLASTER (OPT)	(1)	2X8	DF	#2	N/A	(1)	2X8	DF	#2			
		W/ PLASTER	(1)	2X8	HF	#2	N/A	(1)	2X8	HF	#2			
		W/ PLASTER (OPT)	(1)	2X8	DF	#2	N/A	(1)	2X8	DF	#2			
10'-0" TO 11'-0"	5040	NO PLASTER	(1)	2X8	HF	#2	(1)	2X8	HF	#2	(1)	2X8	DF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2	(1)	2X8	DF	#2	(1)	2X8	DF	#2
		W/ PLASTER	(1)	2X8	HF	#2	(1)	2X8	DF	#2	(1)	2X8	HF	#2
		W/ PLASTER (OPT)	(1)	2X8	DF	#2	(1)	2X8	DF	#2	(1)	2X8	DF	#2
11'-0" TO 12'-0"	6040	NO PLASTER	(1)	2X8	HF	#2	(1)	2X8	DF	#2	(1)	2X8	HF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2	(1)	2X8	DF	#2	(1)	2X8	DF	#2
		W/ PLASTER	(1)	2X8	HF	#2	(1)	2X8	DF	#2	(2)	2X8	HF	#2
		W/ PLASTER (OPT)	(1)	2X8	DF	#2	(1)	2X8	DF	#2	(2)	2X8	DF	#2



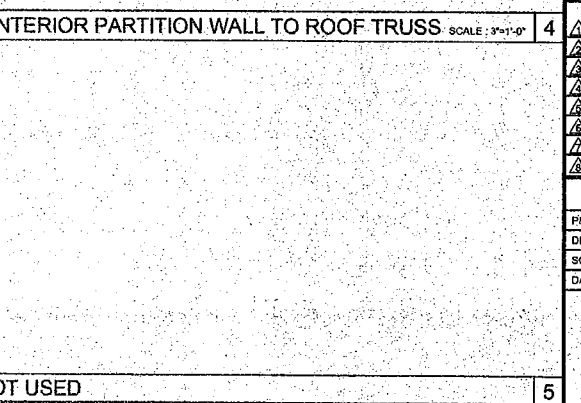
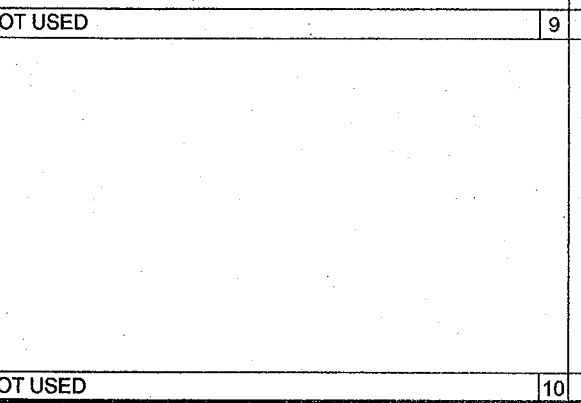
2x6 OPENING STUDS SCHEDULE											20
COLUMN HEIGHT	EXT. FINISH	WOOD WALL FRAMING					4" CORNER OF WOOD WALL FRAMING (ZONE 5)				
		NUMBER **	SIZE #3	LUMBER	TYPE	OC	NUMBER **	SIZE #3	LUMBER	TYPE	OC
LESS THAN 9'-0"	NO PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC
	W/ PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC
9'-0" TO 10'-0"	NO PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC
	W/ PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC
2x6 and 2x8 STUD OPTIONS MAY BE SUBSTITUTED IN LIEU OF 2x4 - NUMBER OF STUDS DO NOT CHANGE AND SHALL REMAIN THE SAME AS SHOWN ON SCHEDULE.											
NOTE: 2x6 & 2x8 SPACING MAY BE 24" O.C. OPTIONAL.											
2x6 WALL FRAMING SCHEDULE											20

2x8 OPENING STUDS SCHEDULE											15
COLUMN HEIGHT	EXT. FINISH	WOOD WALL FRAMING					4" CORNER OF WOOD WALL FRAMING (ZONE 5)				
		NUMBER **	SIZE **	LUMBER	TYPE	OC	NUMBER **	SIZE **	LUMBER	TYPE	OC
LESS THAN 9'-0"	NO PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC
	W/ PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC
9'-0" TO 10'-0"	NO PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC
	W/ PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC

NOTE: 2x8 AND 2x6 STUD OPTIONS MAY BE SUBSTITUTED IN LIEU OF 2x4 - NUMBER OF STUDS DO NOT CHANGE AND SHALL REMAIN THE SAME AS SHOWN ON SCHEDULE.

NOTE: 2x8 & 2x6 SPACING MAY BE 24" O.C. OPTIONAL

2x8 WALL FRAMING SCHEDULE											15
---------------------------	--	--	--	--	--	--	--	--	--	--	----



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SILVER CREEK INDUSTRIES, INC.

"BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

WALL FRAMING DETAILS WOOD STUDS

STAVARES ASSOCIATES

REGISTERED ARCHITECT
STATE OF CALIFORNIA
C-33467
RENEWED 01-01-2019

REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
C-33380
RENEWED 06/27/2015

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116126
ACS FLS SS Rg
DATE JUL 13/19

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK PC DOCUMENT
A SEPARATE PRE-CHECK APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
ACS FLS SS Rg
DATE JUL 16 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

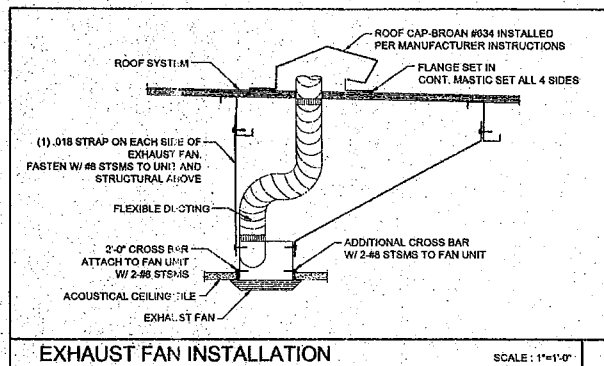
DATE: 06-12-15

P.C. SHEET NUMBER

S-5.11

-- HIGH SEISMIC --

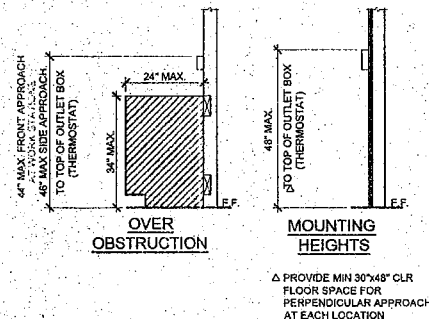
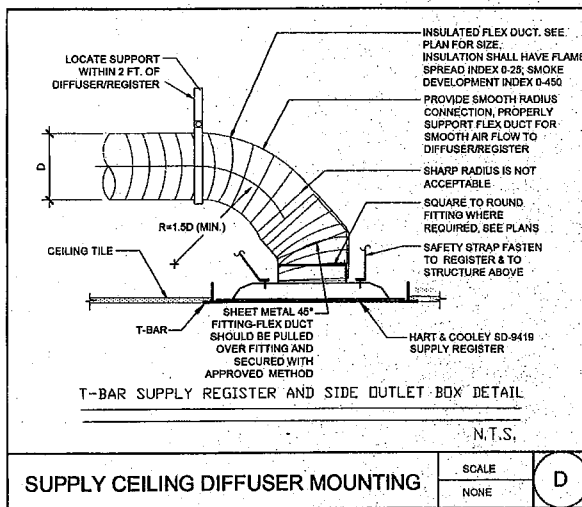
LEGEND		
SYMBOL	ABB.	DESCRIPTION
	SAD	SUPPLY AIR DUCT
	RAD	RETURN AIR DUCT
	EAD	EXHAUST AIR DUCT
	(L)	LINED DUCTWORK
	CD	SUPPLY CEILING DIFFUSER
	CR	RETURN CEILING REGISTER
	ER	EXHAUST CEILING REGISTER
	VTR	VENT THRU ROOF
	FD	FIRE DAMPER
	MVD	MANUAL VOLUME DAMPER
	UC	UNDERCUT DOOR
	STAT	THERMOSTAT
	BT	BYPASS TIMER
	P.O.C.	POINT OF CONNECTION



CEILING MOUNTED EXHAUST FAN SCHEDULE												
SYM.	LOCATION	SERVICE	MANUF.	MODEL	CFM	SONES	SP	ELECTRICAL			WGT.	REMARKS
								VOLTS	Ø	POWER		
EF 1	CEILING	TOILET EXHAUST	BROAN	678	100	4.0	0.25	120	1	158 WATTS	7 LB.	WITH BROAN ROOF CAP #636. PROVIDE 4" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 2	CEILING	TOILET EXHAUST	BROAN	L100	108	1.0	0.25	120	1	87 WATTS	22.0 LB.	WITH BROAN ROOF CAP #634. PROVIDE 6" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 3	CEILING	TOILET EXHAUST	BROAN	L200	210	2.0	0.25	120	1	127 WATTS	23.0 LB.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 4	CEILING	TOILET EXHAUST	BROAN	L300	308	2.6	0.25	120	1	212 WATTS	23.9 LB.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.

PERFORATED FACE GRILLE SCHEDULE (SUPPLY)			
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR SUPPLY  TEXTS-4W	6"Ø	0 - 150	Fixed Curve Blade, 4-way throw For lay-in T-bar ceilings use Harth & Cooley SD-9419 (Sizes as shown on Mech Plan)
	8"Ø	150 - 230	
	10"Ø	230 - 350	
	12"Ø	350 - 460	
	14"Ø	460 - 640	

PERFORATED FACE GRILLE SCHEDULE (RETURN)			
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR RETURN 	6" x 6"	0 - 230	Perforated face
	10" x 10"	230 - 460	For Isy-in T-bar ceilings use Shoemaker 105P with 24 ga., 45 deg. angle. (Sizes as shown on Mech Plan.)
	14" x 14"	460 - 710	



GENERAL NOTES

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

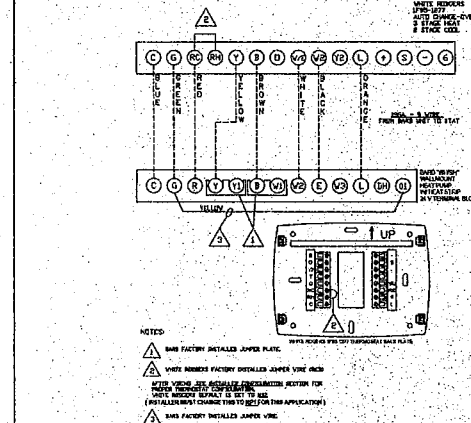
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.6.6, 13.6.7, 13.6.8 AND 2013 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPA #).

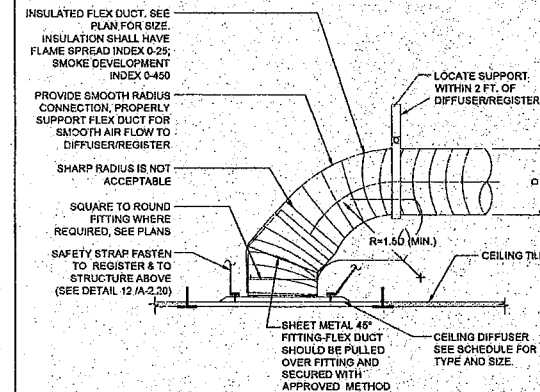
COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING ANY BRACING OF THE PIPE, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.



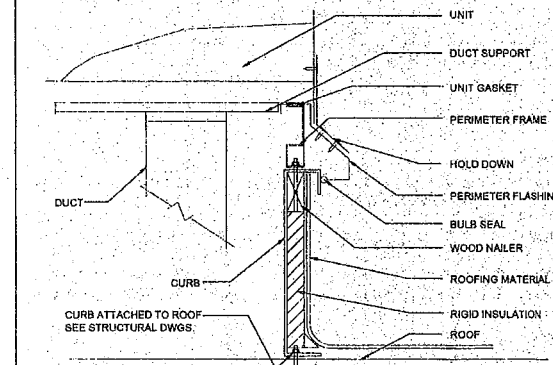
UNIT TO THERMOSTAT WIRING

SCALE
NONE



RETURN CEILING DIFFUSER MOUNTING

SCALE
NONE



A/C UNIT MOUNTING

SCALE
NONE

BUILDING SIZES VARY. SEE KEY PLANS ON SHEET A-0.3 FOR APPROPRIATE HVAC TONNAGE PER BUILDING SIZE.

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2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

MECHANICAL NOTES, SCHEDULES, & DETAILS



ARCHITECT OF RECORD
SUBMISSION DATE

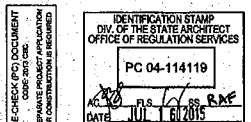
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 118126

ACS, PLS, JLS, RLF
DATE: JUL 16 2015

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

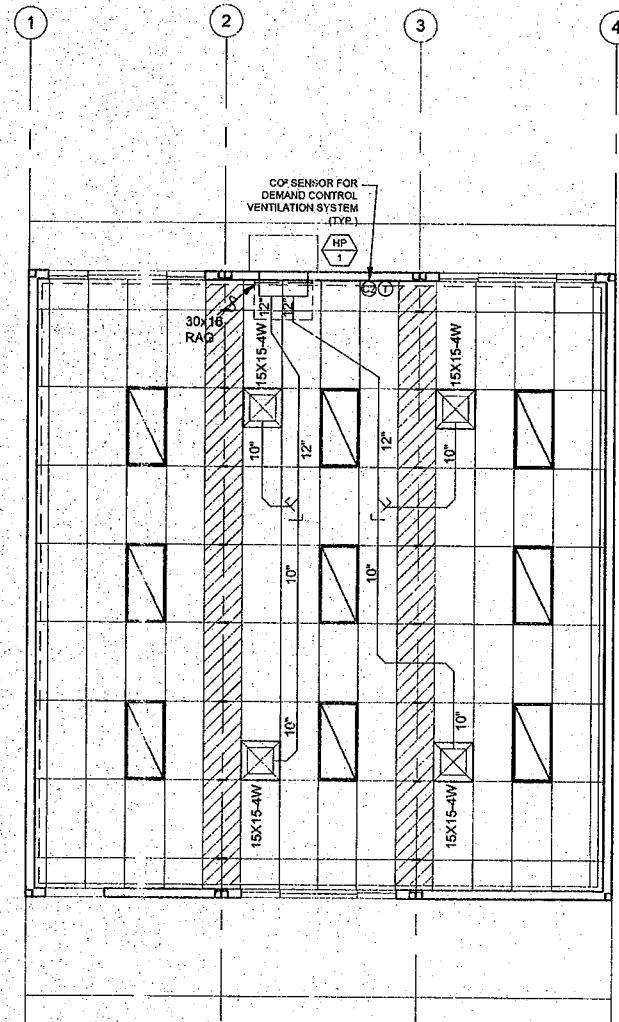
SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

M-0.1

NOTE:
BUILDINGS LOCATED IN CLIMATE ZONE 16 SHALL UTILIZE A 6 KW ELECTRIC
RESISTANCE HEATING STRIP FOR SUPPLEMENTAL HEATING



MECHANICAL PLAN - STANDARD 3 LIGHT CONFIGURATION

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

9 EER			
SINGLE PACKAGE VERTICAL HEAT PUMP SCHEDULE			
TAG	STANDARD	OPTION #1	OPTION #2
NOMINAL TONNAGE	4.0 TONS	5 TONS	3.5 TONS
MANUFACTURER	BARO	BARO	BARO
MODEL#	W48H2-A04	W60H2-A05	W42H2-A04
CFM	1550	1700	1400
STATIC PRESSURE	0.3	0.3	0.3
DRIVE	DIRECT	DIRECT	DIRECT
MCA	58	67	57
MOCP	60	80	80
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#4/#8	#6/#10
DESIGN RETURN AIR (DBWB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F	35,600	38,600	32,700
TOTAL COOLING @ 95° F	48,000	54,000	42,000
HEATING CAP. BTUH @ 47° F	44,000	54,000	42,000
HEATING CAP. BTUH @ 17° F	26,000	32,000	25,000
OPERATING WEIGHT	550#	580#	550#
EER	9.00	9.00	9.00
COP @ 47° F	3.00	3.00	3.00
COP @ 17° F	2.00	2.00	2.00

NOTES:
PROVIDE SET-BACK THERMOSTAT.
MODEL# SHOWN IS FOR UNIT WITH OPTIONAL AUXILIARY HEAT STRIP, IF
HEAT STRIP IS NOT USED THE MCA AND MOCP MUST BE REVISED. HEAT
STRIPS LARGER THAN THE SIZE SHOWN MAY NOT BE USED.
MINIMUM OUTSIDE AIR SHALL BE NO LESS THAN 15 CFM PER EXPECTED
OCCUPANT LOAD.
THE UNIT SHALL UTILIZE DEMAND CONTROL VENTILATION. THE CO2
SENSOR SHALL BE LOCATED SO THAT IT IS NOT EXPECTED TO BE
OBSTRUCTED BY FURNITURE OR EQUIPMENT AND SHALL BE INSTALLED NO
LESS THAN 36" AFF AND NO MORE THAN 72" AFF.
AIR HANDLERS WITH OTHER VOLTAGES SHALL BE ACCEPTABLE.
AIR HANDLERS OTHER THAN THE MAKE AND MODEL LISTED ABOVE SHALL
BE ACCEPTABLE WHEN THE NOMINAL TONNAGE DOES NOT EXCEED 5 TONS
AND THE EER AND COP VALUES ARE NO LESS THAN THOSE SHOWN ABOVE.

10 EER			
SINGLE PACKAGE VERTICAL HEAT PUMP SCHEDULE			
TAG	STANDARD	OPTION #1	OPTION #2
NOMINAL TONNAGE	4.0 TONS	5 TONS	3.5 TONS
MANUFACTURER	BARO	BARO	BARO
MODEL#	S49H2-A05	S81H2-A05	S43H2-A04
CFM	1400	1450	1250
STATIC PRESSURE	0.2	0.2	0.15
DRIVE	DIRECT	DIRECT	DIRECT
MCA	65	69	55
MOCP	70	80	60
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#4/#8	#6/#10
DESIGN RETURN AIR (DBWB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F	34,400	37,500	31,200
TOTAL COOLING @ 95° F	45,600	55,000	41,500
HEATING CAP. BTUH @ 47° F	45,000	52,000	39,000
HEATING CAP. BTUH @ 17° F	26,000	30,000	23,000
OPERATING WEIGHT	550#	580#	550#
EER	10.00	10.40	10.50
COP @ 47° F	3.00	3.00	3.20
COP @ 17° F	2.00	2.00	2.10

NOTES:
PROVIDE SET-BACK THERMOSTAT.
MODEL# SHOWN IS FOR UNIT WITH OPTIONAL AUXILIARY HEAT STRIP, IF
HEAT STRIP IS NOT USED THE MCA AND MOCP MUST BE REVISED. HEAT
STRIPS LARGER THAN THE SIZE SHOWN MAY NOT BE USED.
MINIMUM OUTSIDE AIR SHALL BE NO LESS THAN 15 CFM PER EXPECTED
OCCUPANT LOAD.
THE UNIT SHALL UTILIZE DEMAND CONTROL VENTILATION. THE CO2
SENSOR SHALL BE LOCATED SO THAT IT IS NOT EXPECTED TO BE
OBSTRUCTED BY FURNITURE OR EQUIPMENT AND SHALL BE INSTALLED NO
LESS THAN 36" AFF AND NO MORE THAN 72" AFF.
AIR HANDLERS WITH OTHER VOLTAGES SHALL BE ACCEPTABLE.
AIR HANDLERS OTHER THAN THE MAKE AND MODEL LISTED ABOVE SHALL
BE ACCEPTABLE WHEN THE NOMINAL TONNAGE DOES NOT EXCEED 5 TONS
AND THE EER AND COP VALUES ARE NO LESS THAN THOSE SHOWN ABOVE.

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SILVER CREEK INDUSTRIES, INC.



2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

MECHANICAL PLAN
WALL MOUNT
30' x 32'



ARCHITECT OF RECORD
SUBMISSION DATE

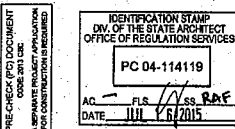
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 118128

ACS: FLS: SS: Tg
DATE: 04/18/17

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

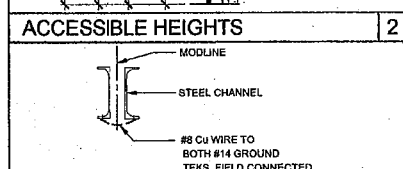
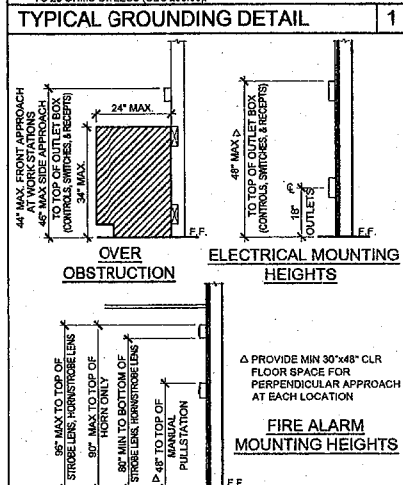
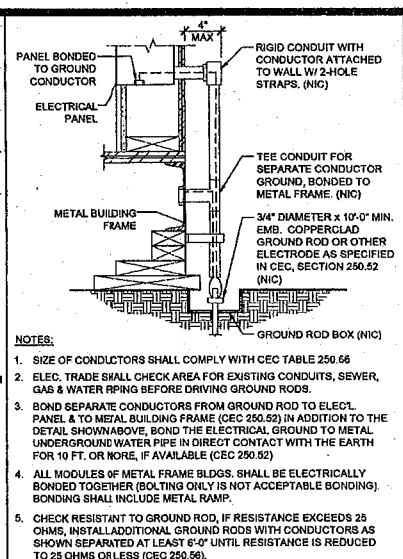
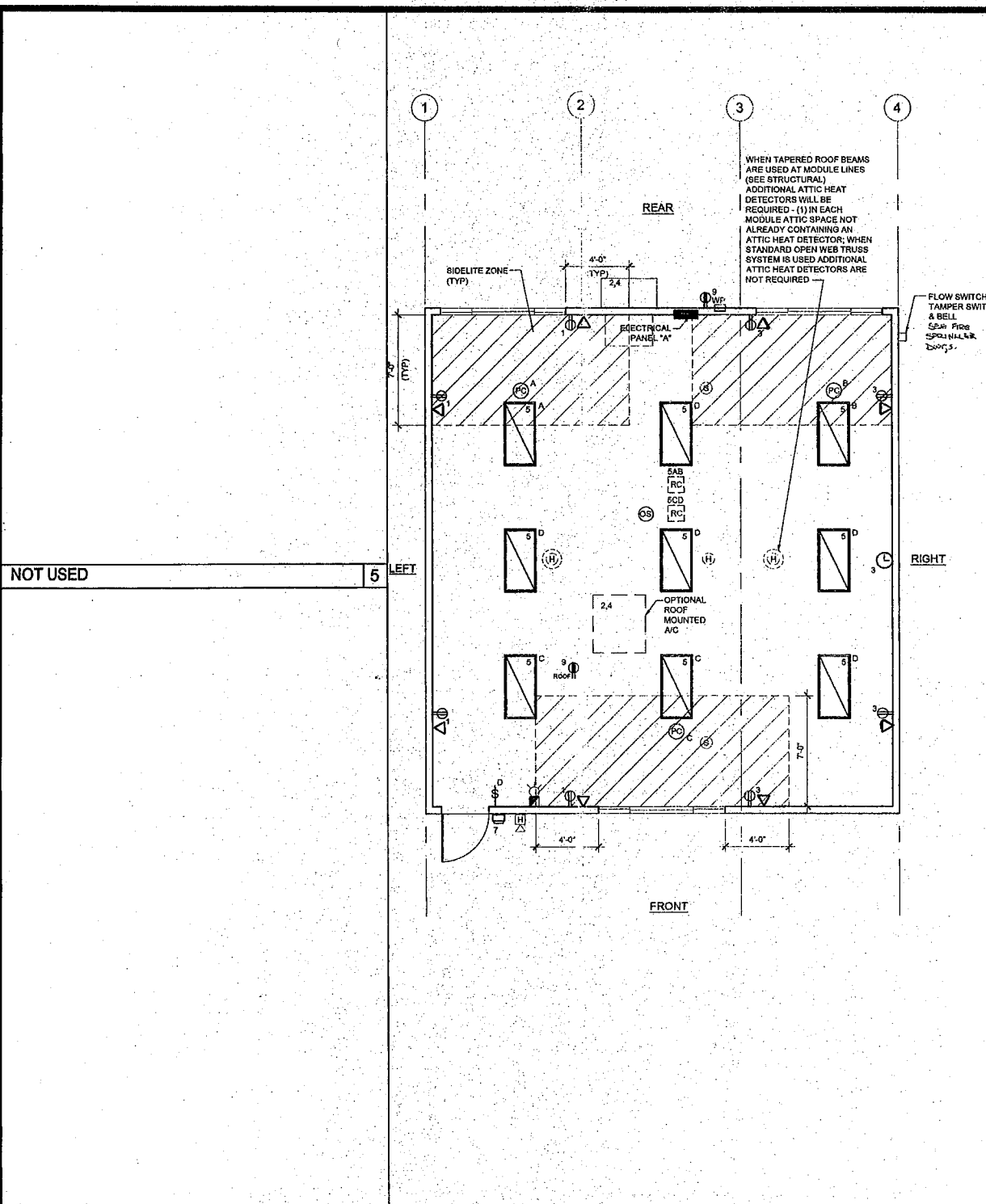
DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-16

P.C. SHEET NUMBER

M-1.01



GENERAL GROUNDING NOTES

EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4\"/>

SCHOOL EQUIPMENT ANCHORAGE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1610A.1.18 THROUGH 1610A.1.26 AND ASCE 7-10 CHAPTER 15, 28 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.

2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.

3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 6 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7.10 SECTION 13.3 AS DEFINED IN ASCE 7.10 SECTION 13.6.7, 13.6.7.1, 13.6.7.2 AND 2013 CBC SECTIONS 1610A.1.23, 1610A.1.24, 1610A.1.25 AND 1610A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHDP PRE-APPROVALS (OPA #).

COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AN BRACING OF THE PIPE, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

1. SMOKE AND HEAT DETECTOR CONDUIT AND DEVICES PROVIDED AND INTERCONNECTED BY OTHERS TO FIRE ALARM SYSTEM

2. PROVIDE DEDICATED FIRE ALARM 120 VOLT CIRCUIT CONNECTED TO LOCKED-ON BREAKER. THE CIRCUIT BREAKER SHALL BE LOCKED-ON WITH APPROVED LOCKING DEVICE, MARKED RED AND IDENTIFIED AS "FIRE ALARM CONTROL CIRCUIT" NFPA 72, 10.6.5.2.

CONDUIT FILL AND CONDUCTOR CAPACITY TABLE

(ALL CONDUCTORS SHALL BE TYPE THHN/THWN 75 DEG. C. COPPER)

WIRE SIZE	CAPACITY	WIRE TYPE	NO. OF CONDUCTORS PERMITTED
TYPE		TYPE	1/2" C 3/4" C 1" C 1 1/4" C
#12	20A	THHN	9 16 25 45
#10	30A	THHN	6 10 18 28
#8	45A	THHN	2 5 8 14
#6	65A	THHN	1 3 5 10
#4	85A	THHN	1 2 4 7

#12	20A	THHN	9	16	25	45
#10	30A	THHN	6	10	18	28
#8	45A	THHN	2	5	8	14
#6	65A	THHN	1	3	5	10
#4	85A	THHN	1	2	4	7

JUNCTION BOX SIZE TABLE

BOX	SIZE	CU. IN.	MAX. NO. OF CONDUCTORS			
			#12	#10	#8	#6
4SS	1 1/4" x 4" SQ	18.0	8	7	6	0
4S	1 1/2" x 4" SQ	21.0	9	8	7	0
4SD	2 1/8" x 4" SQ	30.3	13	12	10	6
4SX	2 7/8" x 4" SQ	43.5	23	21	17	10
5SD	2 1/8" x 4 1/16" SQ	42.0	18	16	14	8
5SX	3 7/8" x 4 1/16" SQ	56.0	39	34	28	17
6BX	4" x 6" SQ	144.0	64	67	48	28

* DEDUCT ONE CONDUCTOR FOR (1) OR MORE GROUNDING CONDUCTORS ENTERING THE BOX

- LEGEND**
- 2x4 CEILING LIGHT WITH (3) T-8 LAMPS, LAY-IN FLUORESCENT LIGHT FIXTURE WITH DIMMABLE BALLAST ORACLE LIGHTING - MODEL 24 OT.332.2T8A12L41KC4 WATTAGE: 32W T8 (48\"/>
 - WALL MOUNTED HVAC UNIT- SEE MECHANICAL DWGS
 - ROOF MOUNTED HVAC UNIT-SEE MECHANICAL DWGS
 - ELECTRICAL PANEL AT 6\"/>
 - CEILING MOUNTED OCCUPANCY SENSOR, WATTSTOPPER #MPC-100 OR EQUAL
 - CEILING MOUNTED PHOTOCELL, WATTSTOPPER #MLS-500
 - ULTRASONIC CEILING OCCUPANCY SENSOR, WATTSTOPPER W-500A OR EQUAL, SENSOR TO BE CONNECTED TO KEYED LIGHT SWITCHES FOR MANUAL OVERRIDE AND USE FOR RESTROOM W/ PARTITIONS.
 - SINGLE SWITCH WALL OCCUPANCY SENSOR, WATTSTOPPER PW-100 OR EQUAL, SENSOR TO BE MOUNTED AT 44\"/>
 - LIGHTING MANAGEMENT SYSTEM ROOM CONTROLLER, INSTALLED ABOVE CEILING, LOCATION AND # OF LOADS/ZONES TO BE VERIFIED, WATTSTOPPER #LMRS-20X
 - SINGLE BUTTON DIMMER SWITCH, AT 46\"/>
 - LIGHT SWITCH, MOUNT AT 48\"/>
 - 3-WAY LIGHT SWITCH, MOUNT AT 48\"/>
 - DUPLEX (WALL MOUNTED) RECEPTACLE 15A - 120V - 3 WIRE, MOUNT AT 18\"/>
 - EXTERIOR WEATHER PROOF GFI RECEPTACLE AT 24\"/>
 - GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITHIN 6'-0\"/>
 - ROOF MOUNTED WEATHER PROOF GFI RECEPTACLE
 - EXTERIOR LED LIGHT FIXTURE W/ 90 MIN. EMERGENCY BATTERY BACKUP WHEN EM IS DESIGNATED NEXT TO FIXTURE W/ PHOTOCELL W/ 30w MAX. MOUNT AT 49\"/>
 - CLOCK OUTLET AT 49\"/>
 - EXIT SIGN WITH 90 MIN. BATTERY BACK UP, EXIT SIGN REQUIRED FOR CLASSROOMS WITH TWO OR MORE EXTERIOR DOORS. CLASSROOMS WITH ONE EXTERIOR DOOR - OPTIONAL
 - 4SD J-BOX FOR FIRE ALARM PULL STATION (DEVICE BY OTHERS), MOUNT AT 48\"/>
 - 4SD J-BOX FOR FIRE ALARM STROBE OR VOICE EVAC SPEAKER (DEVICE BY OTHERS), BOTTOM OF LENS SHALL BE BETWEEN 66\"/>
 - 4SD J-BOX FOR EXTERIOR FIRE ALARM HORN (DEVICE BY OTHERS), MOUNT AT 49\"/>
 - RECESSED 4SD J-BOX W/ COVER PLATE FOR FUTURE FIRE ALARM SYSTEM BY OTHERS, MOUNT AT 418\"/>
 - 4SD J-BOX IN ATTIC FOR CEILING MOUNTED SMOKE DETECTOR (DEVICE BY OTHERS), MAXIMUM 24'-0\"/>
 - 4SD J-BOX IN ATTIC FOR ATTIC MOUNTED HEAT DETECTOR (DEVICE BY OTHERS), MAXIMUM 36'-0\"/>
 - 4SD J-BOX FOR WATER HEATER LOCATE ABOVE CEILING W/ COVER PLATE, HARD WIRE TO UNIT
 - 100 CFM CEILING MOUNTED EXHAUST FAN, INTERLOCKED WITH LIGHT SWITCH
 - 2x4 CEILING LIGHT WITH (3) T-8 LAMPS, LAY-IN FLUORESCENT LIGHT FIXTURE WITH DIMMABLE BALLAST ORACLE LIGHTING - MODEL 24 OT.332.2T8A12L41KC4 WATTAGE: 32W T8 (48\"/>
 - 4SD J-Box @ 10' AFF (W/COVER) 3/4\"/>

ELECTRICAL PANEL

PANEL: "A" WALL MOUNTED HVAC

FEED: REAR

LOCATION: INTERIOR ACCESS

LOAD	QTY	WATTS	BREAKER	AMPS	P
RECEPTACLES	4	720	20	1	1
RECEPTACLES/CLOCK	5	900	20	1	3
INTERIOR LIGHTING	9	1080	20	1	5
EXTERIOR LIGHTING	1	40	20	1	7
GFI RECEPTACLE	1	180	20	1	9
A = 8,650 WATTS / PHASE					
TOTAL = 16,300 WATTS					

WATTS 78 AMPS 120/208 VOLTS 1 Ø

ELECTRICAL PANEL

PANEL: "A" ROOF MOUNTED HVAC

FEED: REAR

LOCATION: INTERIOR ACCESS

LOAD	QTY	WATTS	BREAKER	AMPS	P
RECEPTACLES	4	720	20	1	1
RECEPTACLES/CLOCK	5	900	20	1	3
INTERIOR LIGHTING	9	1080	20	1	5
EXTERIOR LIGHTING	1	40	20	1	7
GFI RECEPTACLE	1	180	20	1	9
A = 9,340 WATTS / PHASE					
TOTAL = 17,880 WATTS					

WATTS 85 AMPS 120/208 VOLTS 1 Ø

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SILVER CREEK INDUSTRIES, INC.

SILVER CREEK

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5363 FAX: 951-643-2211

PROJECT NAME:

SHEET TITLE:

ELECTRICAL PLAN AND SCHEDULE

30' x 32'

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

04 118128

ACS 2 FLS 1/25/19

DATE 7/3/19

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES

PC 04-114119

DATE JUL 1 5 2019

REVISIONS

SILVER CREEK INDUSTRIES 30' x 32' PG (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 08-12-15

P.C. SHEET NUMBER

E-1.01

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2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

BUILDING RELOCATION DETAILS



ARCHITECT OF RECORD
SUBMISSION DATE

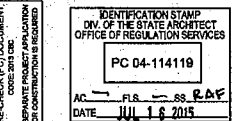
PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 116126

ACS: FLS SS Tg
DATE: 4/13/19

ORIGINAL PC STATE AGENCY APPROVAL



REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

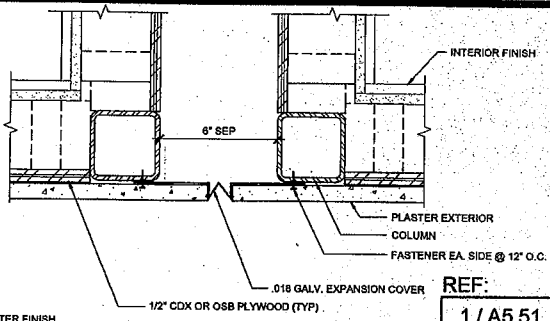
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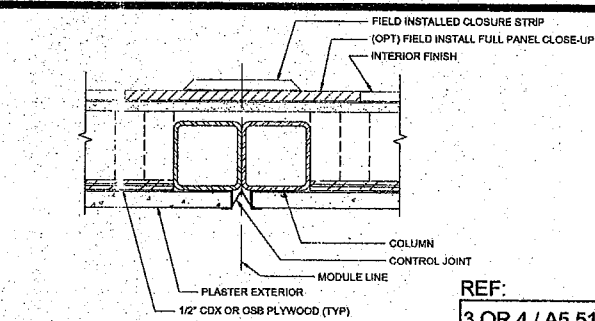
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P.C. SHEET NUMBER

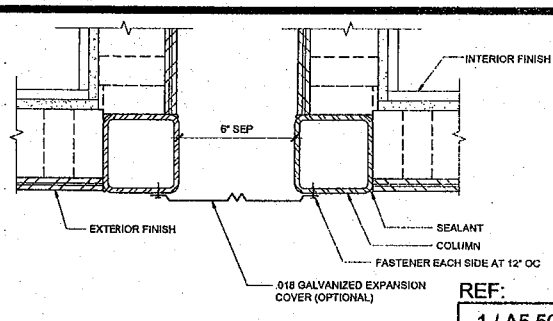
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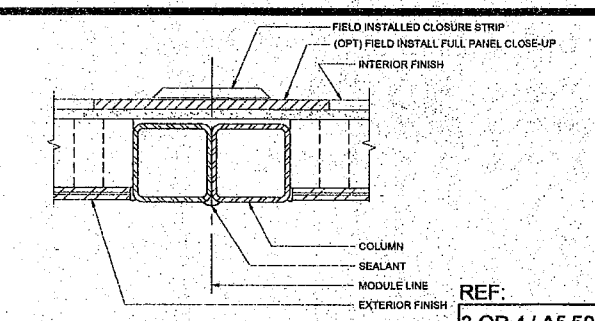
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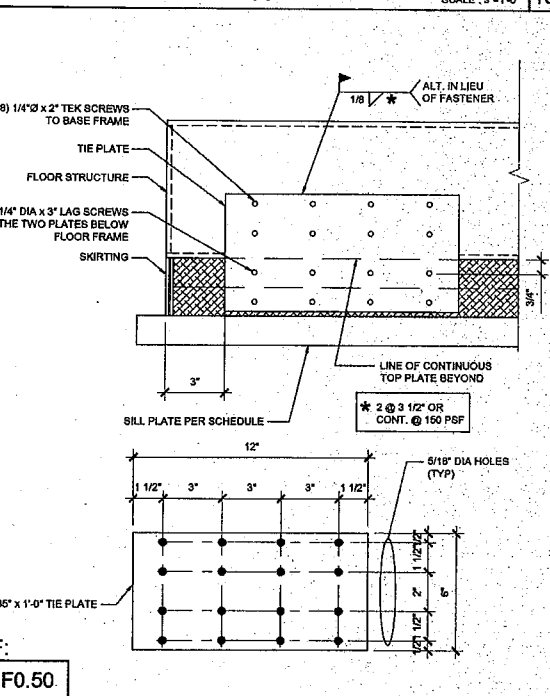
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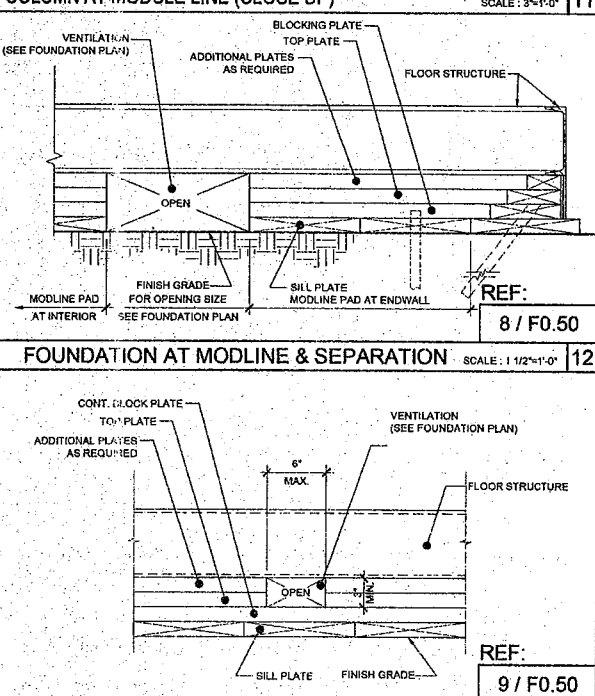
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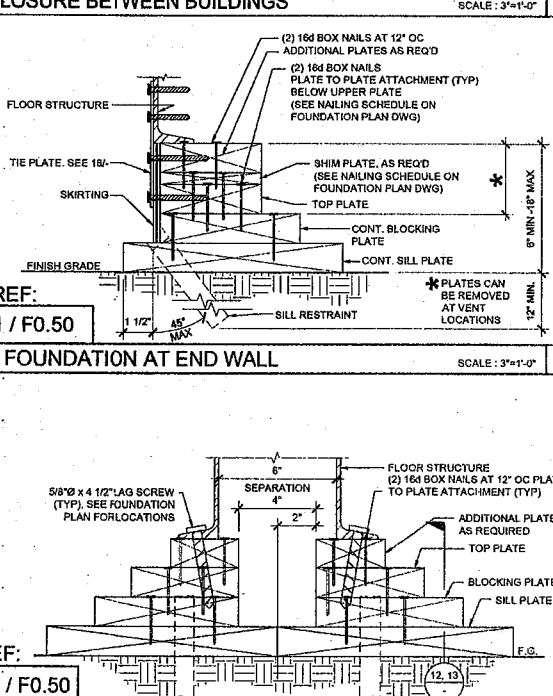
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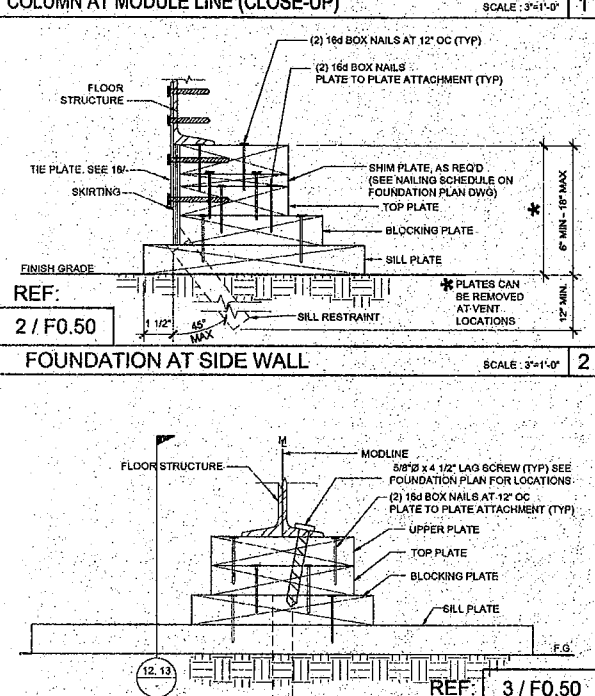
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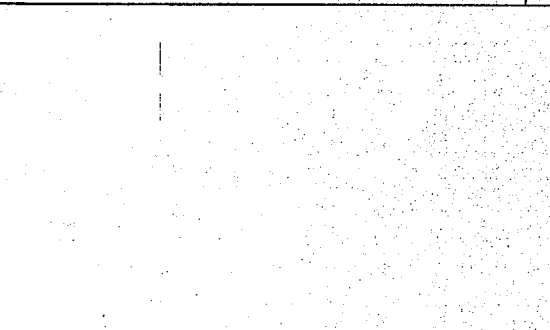
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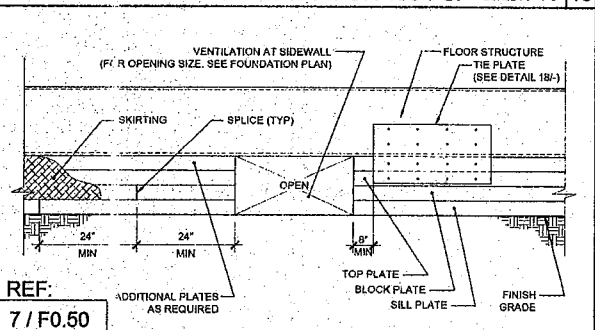
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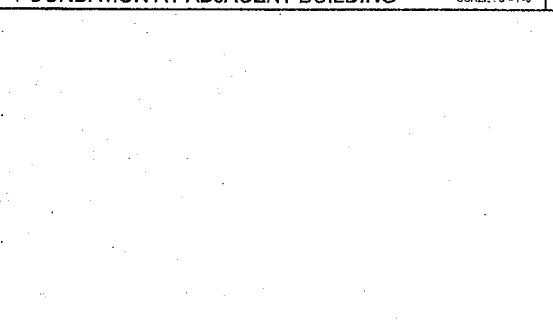
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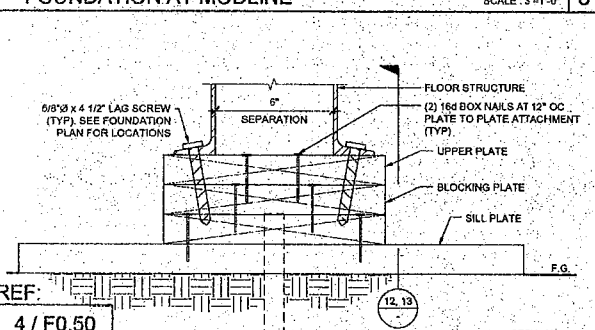
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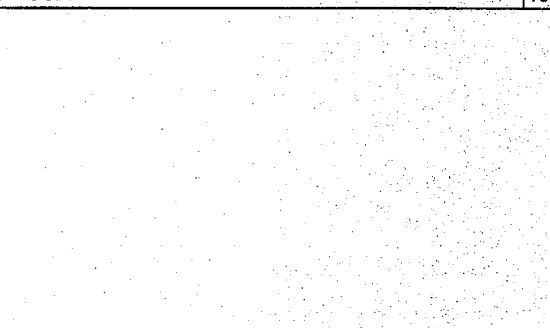
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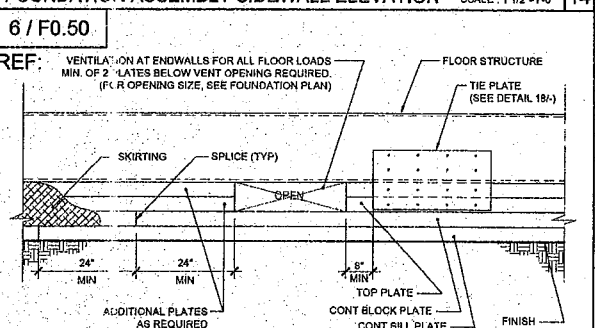
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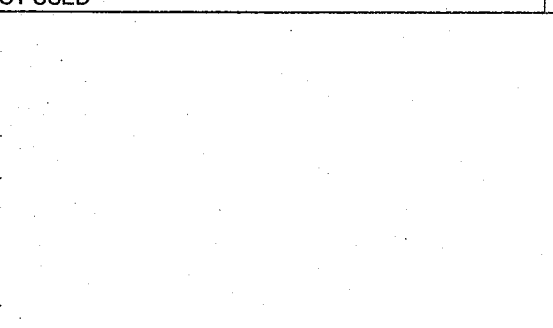
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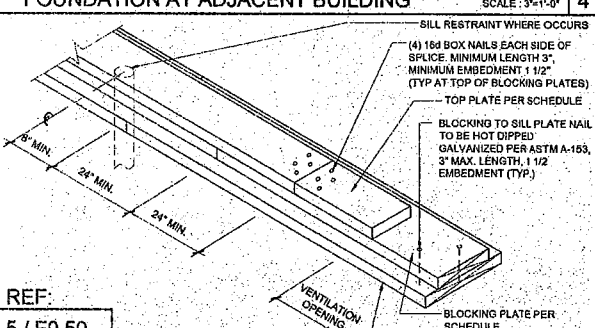
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SCALE: 3/4"=1'-0"



SCALE: 3/4"=1'-0"



SCALE: 3/4"=1'-0"

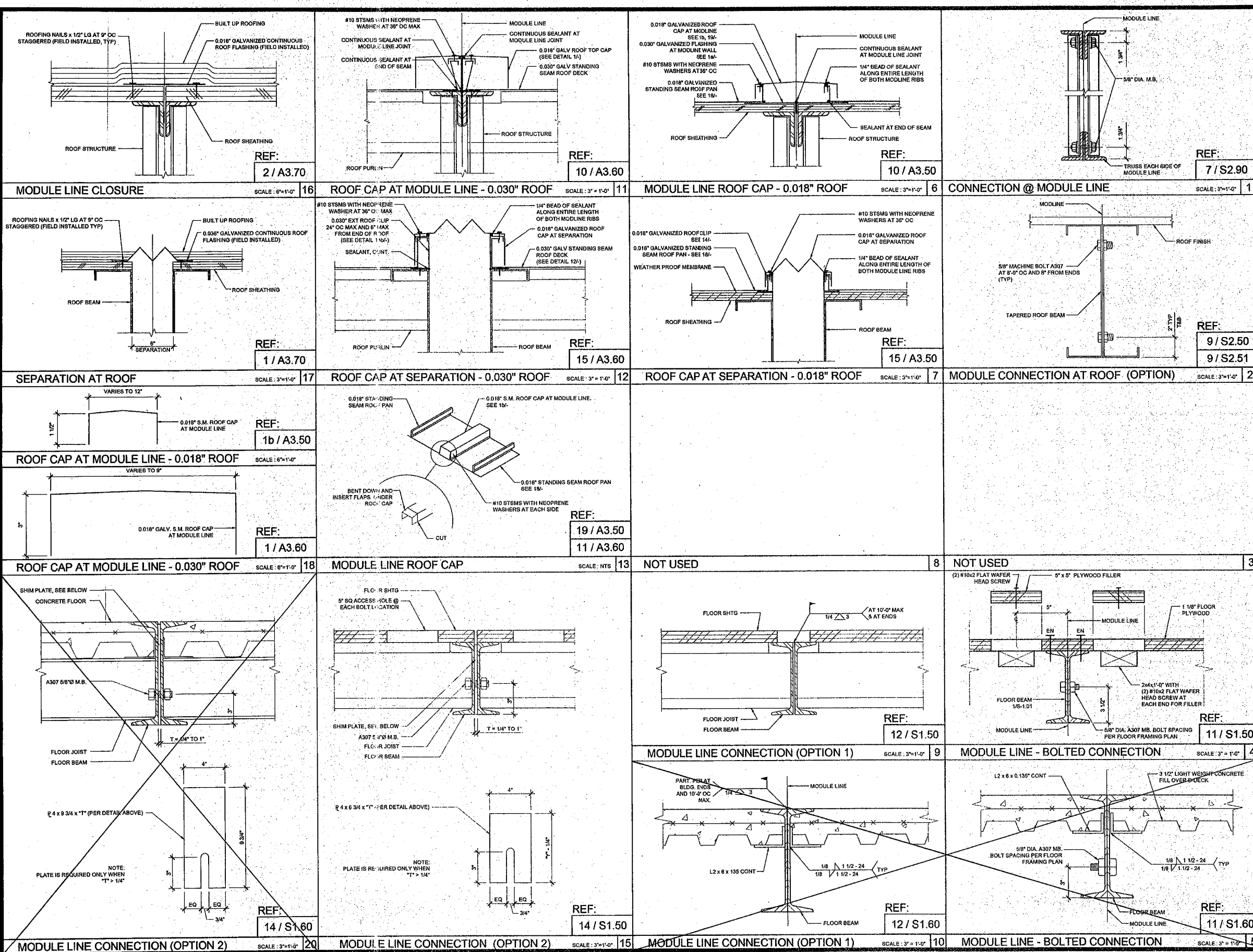
NOT USED

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NOT USED

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NOT USED



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SILVER CREEK INDUSTRIES, INC.

SILVER CREEK

"BUILDING FOR THE NEXT GENERATION"

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

SHEET TITLE:

BUILDING RELOCATION DETAILS

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118126
ACS
DATE 4/13/17

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114119
DATE JUL 16 2015

REVISIONS

SILVER CREEK INDUSTRIES
30' x 32' PC (HIGH SEISMIC)

PROJECT NO:

DRAWN BY:

SCALE: AS NOTED

DATE: 06-12-15

P.C. SHEET NUMBER

REL-102