

ERLIN & THINH THRUONG
156 CLAREMONT AVE. SANTA CLARA, CA

HC CONSTRUCTION
HAIXU (CHEN)

UNDER FLOOR

→	3	3X6	PT	20'
→	3	3X6	PT	16'
→	1	4X6	PT	16'
→	4	2X8	PT	16'
	1	4X8	DF#1	20'
→	16	2X8	DF#2	20'
	20	2X8	DF#2	14'
	22	2X8	↓	12'
	26	4X8 X 3/4	DURASTRAID	
→	20	2X6	DF#	16'
→	1	4X4	PT	8'
	10	2X6	TNG	16'

Mudsill →
Mudsill
Mudsill
LEDORIN
Girders
F/S
↓
Subfloor
Post
Post
Decking

4 Box 3X3X5/8 Sqw
1 USWH 18X10
1 USWH 18X12
1 CCA 44
1 HU 48 Z-MAX
2 Box A-3S Z-MAX
60 HU 28 Z-MAX
16 5/8 Coupls
16 5/8 ALUTRUD
2 Box Subfloor Gler
1 Box 2 3/8 X .148 SCREW SHANK
1 Box 1 1/2 X .148 ST
1 Box 1 1/2 X .131 ST HDG
1 Box 3 1/4 X .131 HDG
1 Box 3 1/2 X .131
2 Epoxy SET
10 1 1/2 X 8" TITANS
50 5/8 X 6" TITAN

FIRST FLOOR FRAMING

	50	2X6	DF#2	20'
	40	2X4	DF#2	20'
	160	2X6		104 1/4
	80	2X6		128 1/4
	160	2X4		104 1/4
	2	6X6		18'
	12	4X6		18'
	12	4X4		18'
	5	4X6		121
	4	3X6		20'
	8	3X4		20'
→	2	5 1/4 X 11 7/8	PSL	15'
→	1	5 1/4 X 9 1/2	PSL	22'
	1	3 1/2 X 9 1/2	PSL	13'
→	1	3 1/2 X 11 7/8	PSL	20'
→	2	6X10	DF#2	20'
	2	4X8	DF#2	20'
	1	4X8	DF#2	16'
→	65	4X12 X 1/2	OSB	
→	30	4X10 X 1/2	OSB	
	40	2X4	DF#2	14'
	3	4X4	DF#2	12'
	1	4X10	↓	18'
	1	3 1/2 X 5 1/2	↓	10'
→	2	5 1/4 X 14"	PSL	14'
→	1	8X8	LUL	12'

PLATE
↓
SLDS
SLDS
↓
Post
↓
SW →
SW →
HDR-2 RB-4
HDR-3
HDR-1
HDR 6x6x6
HDR
HDR
SHEAR
SHEAR
BRACING
Post Front
HDR Front
↓
CB-10 HDR
Post

FIRST FLOOR FRAMING

2 HDU8
6 HDU5
25 HDU2
8 EPZ 4
16 EPZ 6
1 PCZ 4
1 Box 12S 4 1/2 SDS
1 Box 7S 6" SDS
1 Box 50 8" SDS
6 Box 3 1/4 X .131
5 Box 2 1/2 X .131
1 Box 2 1/2 X .131 HDG
2 Box D11B4
2 10 1/4 D11B4 60 foot

SECOND FLOOR JOIST & BEAMS

→ 1	7 X 14"	PSL	25'	CB-6	ONE HOUR FIRE RATED BEAM
→ 3	7 X 14"	PSL	20'	CB-5, 3, 2	
→ 1	3 1/2 X 14"		8'	CB-9	
1	7 X 14		20'	CB-4	
1	7 X 14		15'	CB-8	
→ 1	3 1/2 X 14		7'	CB1	
→ 2	5 1/4 X 14		20'	CB 1.2 1.3	
1	3 1/2 X 14		24'	STAIRS CB's	
→ 2	7 X 11 7/8	U	18'	CB-7	
26	1 3/4 X 14"	LVL	20'	Run Blocks	
10	2 10-14"	TJI	24'	F/J under 2nd	
12			31'		
6			20'		
10			16'	F/J and c/t	
9			18'		
4			17'		
12			13'		
6			12'		
→ 21	1 3/4 X 11 7/8	LVL	20'	F/J and c/t / Deck	
→ 16	1 3/4 X 11 7/8	LVL	17'		
→ 11	1 3/4 X 11 7/8	LVL	13'		
11	1 3/4 X 11 7/8	LVL	19'		
100	4 X 8 X 3/4	DRAGSTRAND		Subfloor	
1	5 1/4 X 14	PSL	10'	CB-10	ONE HOUR FIRE RATED BEAM

1	ECC Q 14 1/4 6	2
3	ECC Q 7.1 4	
3	ECC Q 6 4.1	
2	CCQ 6 4.1	
→ 4	HGUS 6 14 6.5/14	
→ 4	HGUS 7 14 7.13	
1	CCQ 7.1-6	
1	HGUS 7.1-14	RIGHT FLANGE CONCEALED
6	ECC Q 7.1 6	
1	ECC Q 4.4	
4	ECC Q 6 6	
20	MST 48	
→ 24	MST 60	
1	HGLTV 14 1/4 X 14"	
300	LSTA 30	
1	Roll CS16	
6	Box A-35	
2	Box H.25	
100	US 2.06 / 14	
40	HU 11	
4	MIT 4.28 / 14	
8	HU 4 14	
3	Box 2 3/8 X 148	SCREW SHANK
2	Box 1 1/2 X 131	ST
2	Box 2 1/2 X 131	ST
2	Box 2 1/2 X 148	ST
4	Box 3 1/4 X 131	
8	Box SubFloor 6LUF	
1	PARAPET WALL PATIO	
1	Box 2 3/8 X 148	SCREW SHANK HDG
1	Box SubFloor 6LUF 3X	
1	Box 3 1/4 X 131	HDG
2	Box 7 1/4 DIABLO	
1	Box 6 1/2 DIABLO	
2	10 1/4 DIABLO	
4	25 PR 9" By Welded Corner	

PARAPET WALLS and PATIO Slopes

40	2X6	DF#2	20'	PARAPET WALLS
20	4X10X1/2	CDX		
10	2X6	PT	20'	Slope
10	2X6	PT	16'	
12	2X4	PT	20'	
20	4X8X3/4	PT		SubFloor

STAIRS

4	1 3/4 X 11 7/8	LVL	16'	STAIRS
3	4 X 8 X 1 1/8	CDX		TRUSS
20	2X6	DF#2	16'	LANDING

SECOND FLOOR FRAMING

3

32	2X6	DF#2	20'	PLATE	6	MST48
160	2X6	DF#2	104 1/4	Studs	2	MST60
30	2X4	↓	20'	PLATE	1	HU 412
140	2X4	↓	104 1/4	Studs	4	ST6236
8	4X6	↓	18'	Post	1	ECCA44
5	4X4	↓	18'	↓	1	EP24
6	3X6	↓	20'	SW	1	Roll CS14
2	3X4	↓	20'	SW	100	LST30
6	4X10	DF#2	20'	HDL EXT	1	Box H2.5
3	4X8	DF#2	20'	HDL INT	3	Box A-35
1	5 1/4 X 9 1/2	PSL	16'	RB-1	12	ST22
24	2X10	DF#2	20'	Rim/Wos of P/R	60	LUS210
6	2X10	↓	16'	P/R	6	LUS210-2
30	2X10	↓	14'	↓	6	Box 3 1/4 X 131
12	2X10	↓	12'	↓	4	Box 2 1/2 X 131
36	4X8 X 3/4	Duroston		Subfloor	2	Box 2 3/8 X 148 SCREW SHANK
36	4X12 X 1 1/2	CDX		EXT SHEET	2	Box 1 1/2 X 131 ST
20	4X10 X 1 1/2	CDX		INT	1	Box 2 1/2 X 131 ST
32	2X6	DF#2		PARAMET WALL	1	Box 2 1/2 X 148 ST

MISC PICK UP

40	2X6	DF#2	20'
40	2X4	↓	20'
160	4X8 X 1 1/2	CDX	SHEET

8	Rolls Forty Flush 12"
8	Rolls forty Fus. 6"
1	Box 24 Most sator
4	Box 1 5/8 #8 Self Tap Screw