

PROBABLE COST SUMMARY

Project ID:	*****Mart
Location:	Grand Ave. Chino, California 91710
Scope of work:	Structural Steel
Date:	02/25/2024

DIVISION NO.	BUILDING COMPONENTS	TOTAL DIV. COST
Div. 01	General Requirements	\$ 4,000
Div. 05	Metals	\$ 24,672
Projected Cost		\$ 28,672
Insurance	3%	\$ 860
Contingency	5%	\$ 1,434
Overhead and Profit	15%	\$ 4,301
TAX	0.00%	\$ -
Suggested Bid		\$ 35,267

Veracity Estimating

Item #	Ref. Sheet	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
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Building Data Summary	
Project ID:	*****Mart
Location:	Grand Ave. Chino, California 91710
Scope of Work:	Structural Steel
Date:	02/25/2024



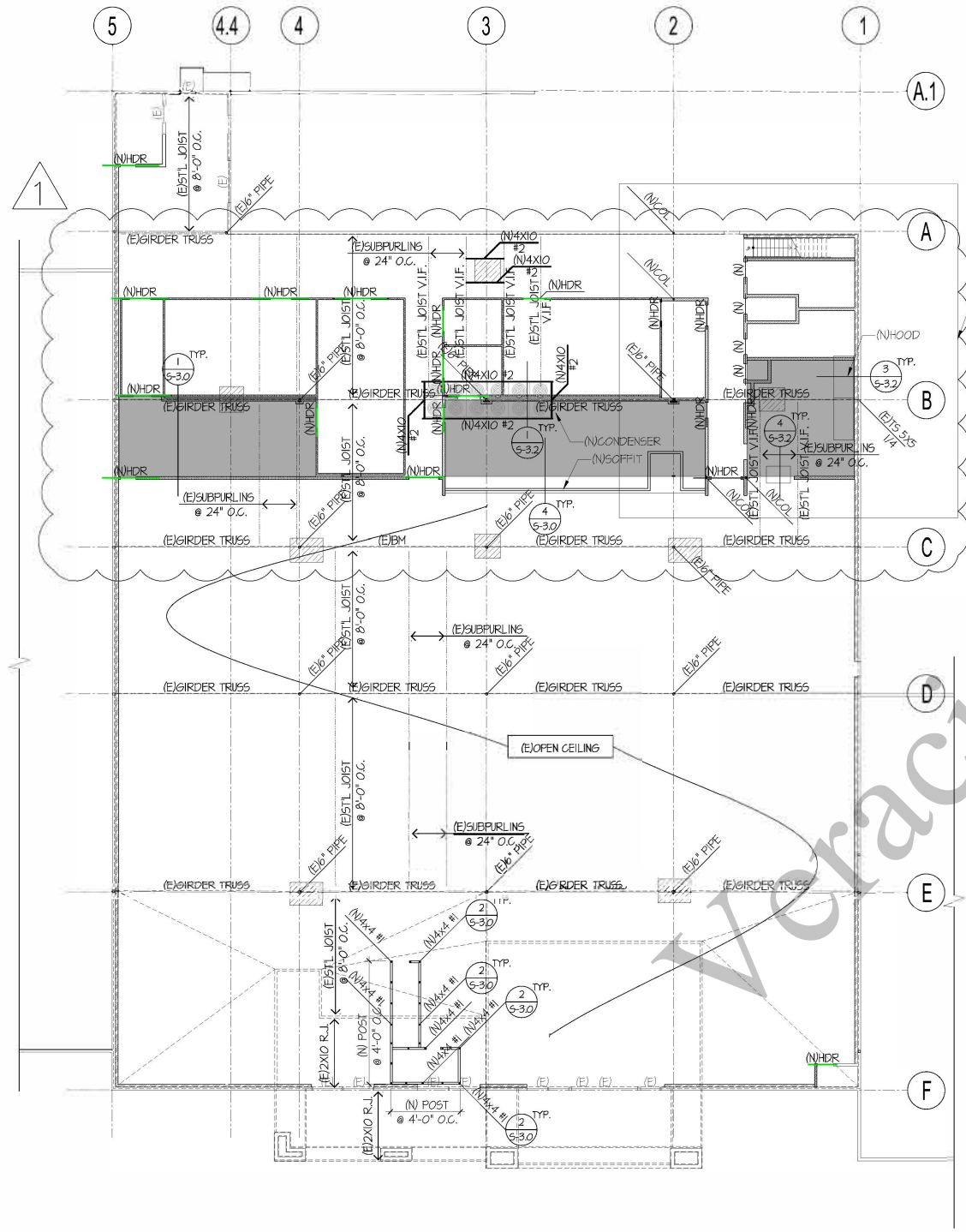
Bid Detail	
Projected Cost	\$ 28,672
Insurance	3% \$ 860
Contingency	5% \$ 1,434
Overhead and Profit	15% \$ 4,301
Tax	0.00% \$ -
Suggested Bid	\$ 35,267

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
DIVISION 01 GENERAL REQUIREMENTS														
1		Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	
2		Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 500.00	
3		Final Cleaning	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 500.00	
4		Mobilization Costs	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	
5		Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 500.00	
Subtotal (General Requirements)													\$ 4,000	

DIVISION 05- METAL														
Mezzanine Foundation														
6		Steel Column HSS(3x3x1/4) Steel Column (9 EA) (10'-6" H)	Lbs.	833	0%	833	\$ 2.30	\$ 1,915.90	0.012	\$ 100.00	\$ 1.20	\$ 999.60	\$ 2,915.50	
7		Anchor Bolt HDU 4 (5/8" Dia) Anchor Bolts	EA	9	0%	9	\$ 2.30	\$ 20.70	0.012	\$ 100.00	\$ 1.20	\$ 10.80	\$ 31.50	
8		Base Plate (3x3x5/16) Washer Plate (9 EA)	Lbs.	20	0%	20	\$ 1.82	\$ 36.40	0.014	\$ 100.00	\$ 1.40	\$ 28.00	\$ 64.40	
9		(9"x9"x3/4") Base Plate w/ (4) - (3/4" Dia - 18" Embed) (7 EA)	Lbs.	121	0%	121	\$ 1.82	\$ 220.22	0.014	\$ 100.00	\$ 1.40	\$ 169.40	\$ 389.62	
10		(6"x21"x1/2" Thick) Base Plate w/ (4) - (5/8" Dia) Epoxy A.B (2 EA)	Lbs.	36	0%	36	\$ 1.82	\$ 65.52	0.014	\$ 100.00	\$ 1.40	\$ 50.40	\$ 115.92	
11		Top Plate ((1/4" Thick) Cap Plate w/ (4-1/2" Dia) Anchor Bolt	EA	5	0%	5	\$ 1.82	\$ 9.10	0.014	\$ 100.00	\$ 1.40	\$ 7.00	\$ 16.10	
12		(8"x8"x1/2") End Plate w/ (2)-(3/4" Dia) A307 (4 EA)	Lbs.	37	0%	37	\$ 1.82	\$ 67.34	0.014	\$ 100.00	\$ 1.40	\$ 51.80	\$ 119.14	
Mezzanine Floor Framing														
13		Steel Beam BM1 W(8x28) Steel Beam (71 LF)	Lbs.	1988	0%	1988	\$ 1.62	\$ 3,220.56	0.010	\$ 100.00	\$ 1.00	\$ 1,988.00	\$ 5,208.56	
14		BM 2 W(8x35) Steel Beam (27 LF)	Lbs.	945	0%	945	\$ 1.62	\$ 1,530.90	0.010	\$ 100.00	\$ 1.00	\$ 945.00	\$ 2,475.90	
15	S-2.01	BM 3 W(8x35) Steel Beam (14 LF)	Lbs.	490	0%	490	\$ 1.62	\$ 793.80	0.010	\$ 100.00	\$ 1.00	\$ 490.00	\$ 1,283.80	
16	S-2.02	BM 4 W(8x48) Steel Beam (31 LF)	Lbs.	1488	0%	1488	\$ 1.62	\$ 2,410.56	0.010	\$ 100.00	\$ 1.00	\$ 1,488.00	\$ 3,898.56	
17	S-2.03	Header HDR (2) - C140 (18 GA) Steel Header	LF	39	0%	39	\$ 1.62	\$ 63.18	0.010	\$ 100.00	\$ 1.00	\$ 39.00	\$ 102.18	
18		Floor Joist 1200S-300-54(16SA) @ 16" O.C (790 SF)	LF	593	0%	593	\$ 1.92	\$ 1,138.56	0.010	\$ 100.00	\$ 1.00	\$ 593.00	\$ 1,731.56	
19		(4)1200S-300-54(16SA) @ 16" O.C (1124 SF)	LF	844	0%	844	\$ 1.92	\$ 1,620.48	0.010	\$ 100.00	\$ 1.00	\$ 844.00	\$ 2,464.48	
20		Shear Plate (1/4") Shear Plate	LF	40	0%	40	\$ 1.87	\$ 74.80	0.012	\$ 100.00	\$ 1.20	\$ 48.00	\$ 122.80	
21		Hand Rail (1-1/2" Dia) Metal Hand Rail	LF	45	0%	45	\$ 55.65	\$ 2,504.25	0.012	\$ 100.00	\$ 1.20	\$ 54.00	\$ 2,558.25	
22		Header HDR (2) - C140 (18 GA) Steel Header	LF	155	0%	155	\$ 2.30	\$ 356.50	0.012	\$ 100.00	\$ 1.20	\$ 186.00	\$ 542.50	
23		Plate Connections (4"x14"x1/2") Plate (8 EA)	Lbs.	64	0%	64	\$ 1.82	\$ 116.48	0.014	\$ 100.00	\$ 1.40	\$ 89.60	\$ 206.08	
24		Metal Bracing 800T150-043(18GA) Metal Track	LF	77	0%	77	\$ 2.12	\$ 163.24	0.012	\$ 100.00	\$ 1.20	\$ 92.40	\$ 255.64	
25		800CS20 Staggered @ 48" O.C (20 EA) (2'-4" Long)	LF	47	0%	47	\$ 2.41	\$ 113.27	0.012	\$ 100.00	\$ 1.20	\$ 56.40	\$ 169.67	
Subtotal (Metals)													\$ 16,442	

PROJECTED COST		\$ 28,672
INSURANCE	3%	\$ 860
CONTINGENCY	5%	\$ 1,434
OVERHEAD AND PROFIT	15%	\$ 4,301
TAX	0.00%	\$ -
SUGGESTED BID		\$ 35,267

Note:
1. Please verify the equipment's and their prices with owner.
2. Online sources are used for pricing.
3. Prices can vary depending upon field conditions.



(N)MEZZANINE AREA
SEE THE PLAN S-2.2 AND S-2.3

ROOF FRAMING PLAN
SCALE: 1/16" = 1'-0"

- SEE SHEET S-1 FOR MATERIAL SPECIFICATIONS AND FLOOR FRAMING NOTES.
- ROOF DIAPHRAGM TO BE 15/32" PLYWOOD (PANEL INDEX 32/16) DOC P5-1 AND P5-2 "CDX" W/ #8 SCREW @6/12 BLOKED.
- SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- ALL BUILDING SIZE AND LOCATIONS SHALL BE VERIFIED AT JOB SITE. IF ANY DIFFERENCES OCCURS, REPORT TO ENGINEER FOR SOLUTION PRIOR TO CONSTRUCTION.
- ROOF SLOPE SEE ARCH.
- PROVIDE #8 SCREW @6" O.C. BOUNDARY NAILS AT THE PERIMETER OF BUILDING.
- ALL METAL STUDS SHALL BE ICC, LARR, IAPMO APPROVED, AND/OR TESTED PER APPROVED AGENCY.
- ALL FASTENERS FOR PRESERVATIVE-TREATED OR FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL ACCORDANCE WITH ASTM A153.

LEGEND
HDR : INDICATES HEADERS TO BE (2)-C140(18GA) U. N. O. 1/5-3.0

130.4 FT

FOUNDATION & WALL LEGEND

	: INDICATES (N) PARTITION WALL (FULL HEIGHT)
	: INDICATES (N) PARTITION WALL (CEILING HEIGHT)
	: INDICATES (N) FURRING WALL
	: INDICATES (N) PREFABRICATED WALK-IN COOLER & FREEZER PANEL
	: INDICATES (N) LOW-HEIGHT WALL
	: INDICATES (E) WALL TO REMAIN
	: INDICATES (N) MECHANICAL EQUIPMENT. SEE DETAIL #1/5-3.2
	: INDICATES (N) T-BAR CEILING

PARTITION WALL
METAL STUD 1 800 562-0330 @ 16" O.C. UNO (RSR-3016)
METAL TRACK 1 800 750-0450 @ 16" O.C. UNO

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Email: email@basisinc.net

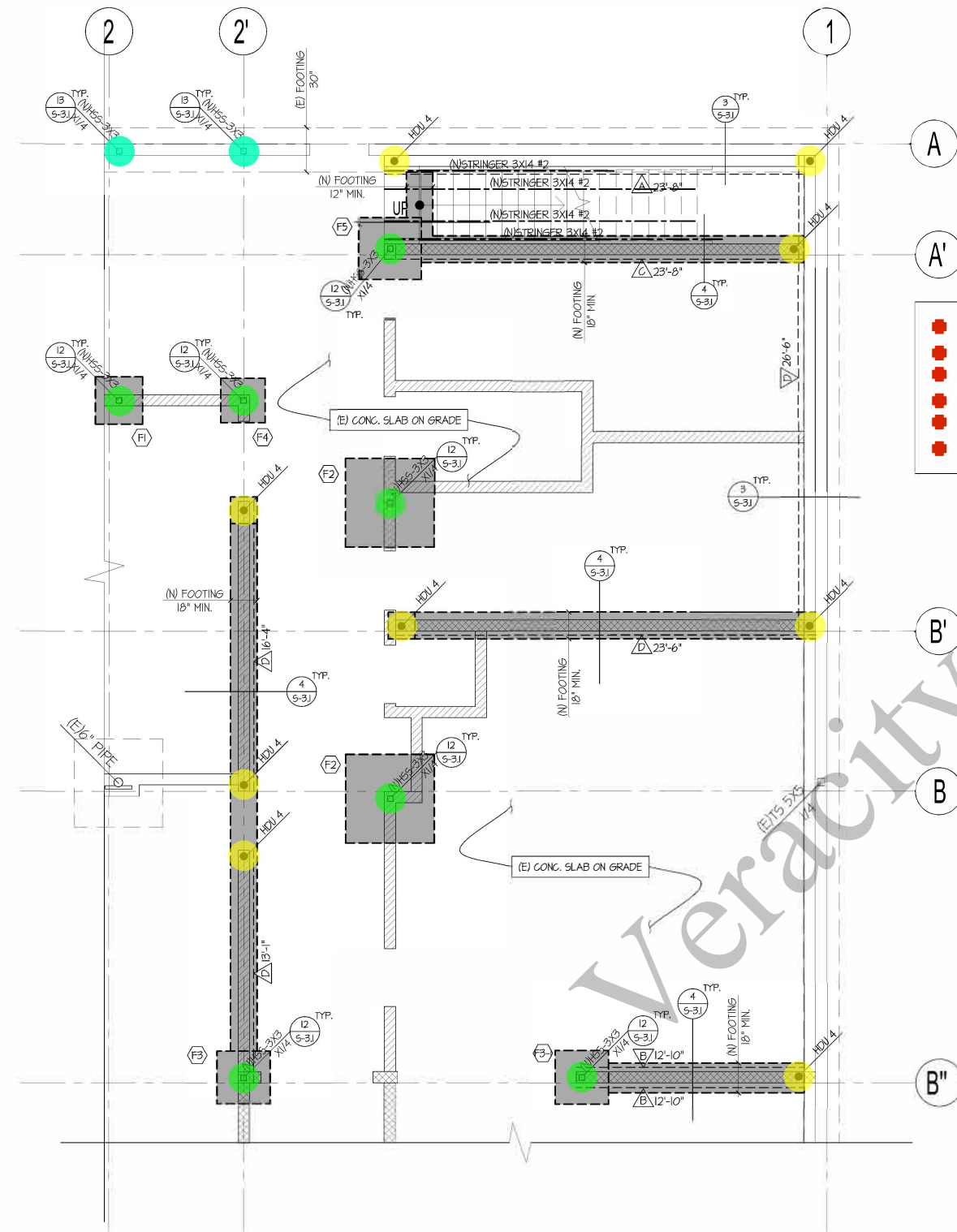


DRAWING TITLE
ROOF FRAMING PLAN

REVISIONS



DATE: FEB. 27, 2023
DRAWN: J
CHECKED:
JOB NO:
SCALE: AS SHOWN
SHEET NO:
S-2.1



FOUNDATION & WALL LEGEND

- [Hatched Box] : INDICATES (N) FOUNDATION
- [Dotted Box] : INDICATES (E) FOUNDATION
- [Cross-hatched Box] : INDICATES (N) PARTITION WALL (FULL HEIGHT)
- [Diagonal Hatched Box] : INDICATES (N) PARTITION WALL (CEILING HEIGHT)
- [Horizontal Hatched Box] : INDICATES (N) FURRING WALL
- [White Box] : INDICATES (E) WALL TO REMAIN

- HSS(3x3x1/4) Steel Column (10'-6" H) 9.0
- HDU 4 9.0
- (6"x21"x1/2" Thick) Base Plate w/ (4) - (5/8" Dia) Epoxy A.B 2.0

7. ALL BUILDING SIZE AND LOCATIONS SHALL BE VERIFIED AT JOB SITE. IF ANY DIFFERENCES OCCURS, REPORT TO ENGINEER FOR SOLUTION PRIOR TO CONSTRUCTION.
 8. ALL METAL STUDS SHALL BE ICC, LARR, IAPMO APPROVED, AND/OR TESTED PER APPROVED AGENCY.
 9. ALL FASTENERS FOR PRESERVATIVE-TREATED OR FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL ACCORDANCE WITH ASTM A153.

LEGEND

- OR [Symbol] INDICATES METAL STUD HOLDDOWN. SEE (1) (5-31) HOLES SHALL BE 1/16" OVERSIZED AT THE CONNECTOR OF THE HOLD-DOWN TO POST WHICH SHALL BE VERIFIED AT THE JOB SITE BY THE INSPECTOR.
- [Symbol] INDICATES SHEAR WALL. SEE SHEAR WALL SCHEDULE TABLE.

FOUNDATION SCHEDULE

TYPE	FOUNDATIONS
(F1)	2'-0" x 2'-0" x 30" MIN (FROM N.G.) CONG. PAD w/ (5) - #5 E.W.
(F2)	5'-0" x 5'-0" x 30" MIN (FROM N.G.) CONG. PAD w/ (6) - #6 E.W.
(F3)	3'-0" x 3'-0" x 30" MIN (FROM N.G.) CONG. PAD w/ (5) - #6 E.W.
(F4)	3'-3" x 3'-3" x 30" MIN (FROM N.G.) CONG. PAD w/ (5) - #6 E.W.
(F5)	2'-6" x 2'-6" x 30" MIN (FROM N.G.) CONG. PAD w/ (4) - #5 E.W.
(F6)	3'-6" x 3'-6" x 30" MIN (FROM N.G.) CONG. PAD w/ (6) - #6 E.W.

SHEAR WALL SCHEDULE A 9 523-01 TABLE G21-3

TYPE	MATERIAL DESCRIPTION	BLOCKING	ALLOWABLE SHEAR (PLF)	SILL ATTACHMENT		SIMPSON LTPS	NOTES
				FLOOR	CONCRETE		
[Symbol]	15/32" APA STRUCTURAL-1 w/ #8 SCREWS @ 6/12	BLOCKING (43 mills)	356	#10 SCREWS @ 6" O.C.	5/8" A.B. @ 32" O.C.	@ 32" O.C.	SEE NOTES
[Symbol]	15/32" APA STRUCTURAL-1 w/ #8 SCREWS @ 4/12	BLOCKING (43 mills)	532	#10 SCREWS @ 4" O.C.	5/8" A.B. @ 24" O.C.	@ 24" O.C.	SEE NOTES
[Symbol]	15/32" APA STRUCTURAL-1 w/ #8 SCREWS @ 3/12	BLOCKING (43 mills)	710	#10 SCREWS @ 3" O.C.	5/8" A.B. @ 16" O.C.	@ 16" O.C.	SEE NOTES
[Symbol]	15/32" APA STRUCTURAL-1 w/ #8 SCREWS @ 2/12	BLOCKING (43 mills)	876	#10 SCREWS @ 2" O.C.	5/8" A.B. @ 16" O.C.	@ 12" O.C.	SEE NOTES
[Symbol]	15/32" APA STRUCTURAL-1 w/ #8 SCREWS @ 4/12 (BOTH SIDE)	BLOCKING (43 mills)	1064	#10 SCREWS @ 2" O.C.	5/8" A.B. @ 2" O.C.	@ 12" O.C.	SEE NOTES
[Symbol]	15/32" APA STRUCTURAL-1 w/ #8 SCREWS @ 3/12 (BOTH SIDE)	BLOCKING (43 mills)	1420	(2) #10 SCREWS @ 3" O.C.	5/8" A.B. @ 8" O.C.	@ 8" O.C.	SEE NOTES
[Symbol]	15/32" APA STRUCTURAL-1 w/ #8 SCREWS @ 2/12 (BOTH SIDE)	BLOCKING (43 mills)	1752	(2) #10 SCREWS @ 2" O.C.	5/8" A.B. @ 8" O.C.	@ 6" O.C.	SEE NOTES
NON-SHEAR WALL	15/32" APA STRUCTURAL-1 w/ #8 SCREWS @ 8/12	-	-	#10 SCREWS @ 8" O.C.	5/8" A.B. @ 48" O.C.	@ 32" O.C.	SEE NOTES

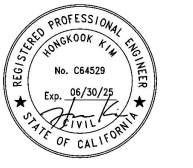
NOTES :
 a. WOOD STRUCTURAL PANELS SHALL BE MANUFACTURED USING EXTERIOR GLUE AND SHALL COMPLY WITH THE FOLLOWING, AS APPLICABLE ; (DOC P51 OR P5 2)
 b. WOOD STRUCTURAL PANELS SHALL BE ATTACHED TO STEEL FRAMING WITH A MINIMUM NO. 8 COUNTERSINK TAPPING SCREWS WITH A MINIMUM HEAD DIAMETER OF 0.285 INCH OR NO. 10 COUNTERSINK TAPPING SCREWS WITH A MINIMUM HEAD DIAMETER 0.333 INCH IN ACCORDANCE WITH TABLE G21-3.
 c. SCREWS USED TO ATTACH WOOD STRUCTURAL PANEL SHEATHING SHALL BE IN ACCORDANCE WITH ASTM C615.

Basis Engineering
 Total solution & consulting for building Structure
 3400 Wilshire Blvd. # 1903 LA, CA 90010
 Tel. 213-385-0080 Fax. 213-385-0000
 Email: emc@basisinc.net

PROJECT: _____
 NO, CA 91770

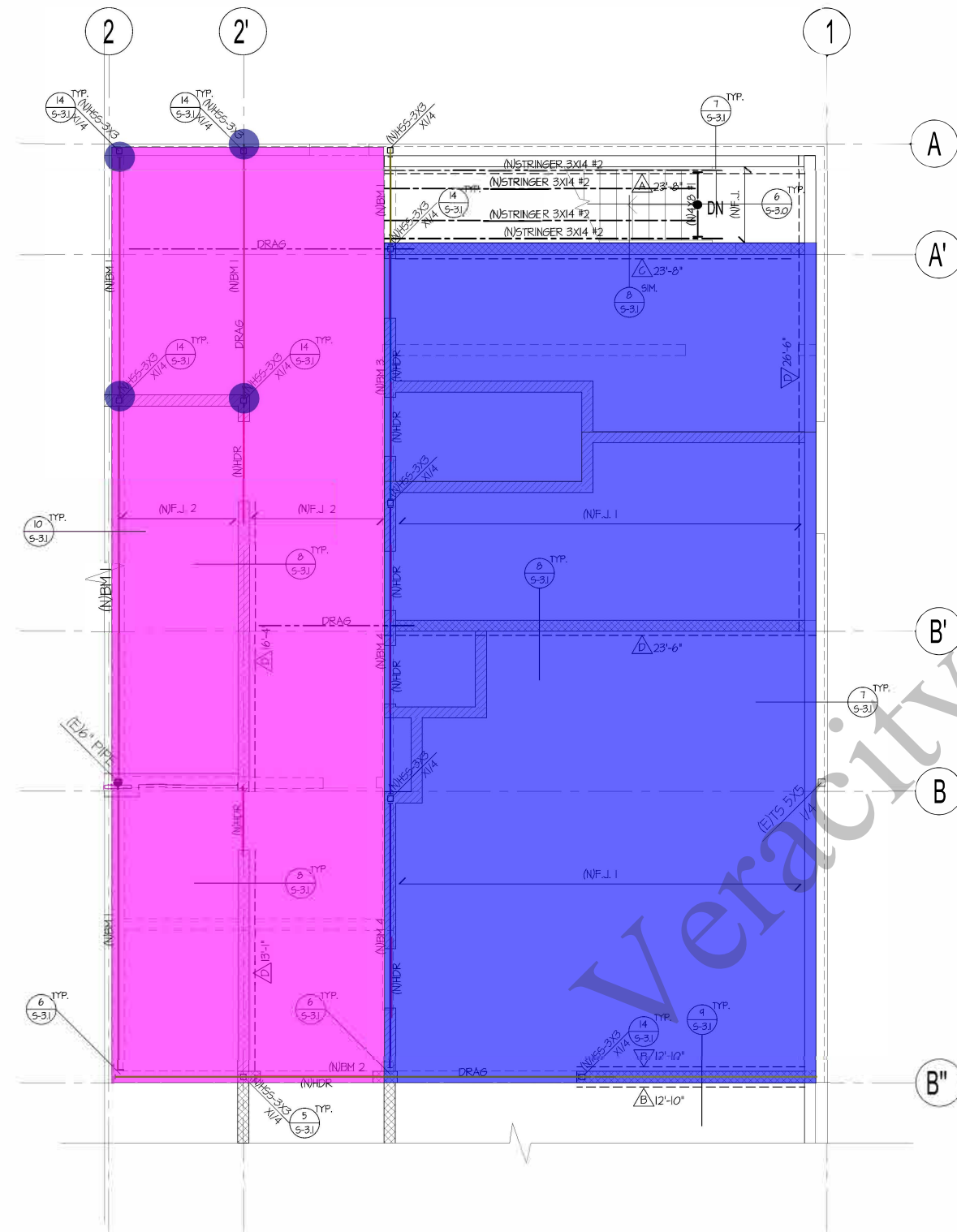
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FOUNDATION PLAN
MEZZANINE AREA

REVISIONS
 [Symbol] [Symbol] [Symbol] [Symbol] [Symbol] [Symbol]



DATE: FEB. 27, 2023
 DRAWN: [Symbol]
 CHECKED: [Symbol]
 JOB NO: [Symbol]
 SCALE: AS SHOWN
 SHEET NO: [Symbol]

S-2.2



FOUNDATION & WALL LEGEND

	: INDICATES (N) PARTITION WALL (FULL HEIGHT)
	: INDICATES (N) PARTITION WALL (CEILING HEIGHT)
	: INDICATES (N) FURRING WALL
	: INDICATES (E) WALL TO REMAIN
	: INDICATES (N) WALL ABOVE

MEZZANINE FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

- SEE SHEET S-1 FOR MATERIAL SPECIFICATIONS AND FLOOR FRAMING NOTES.
- FLOOR DIAPHRAGM TO BE 1/2" PLYWOOD (PANEL INDEX 32/16) DOC P5-1 AND P5-2 "CDX" W/ #8 SCREW @ 6/16" BLOCKED.
- SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.

	BM1	70.1 FT
	BM 2	26.0 FT
	BM 4	30.6 FT
	BM 3	13.9 FT
	HDR	38.3 FT
	F.J.1	1,123.4 SQ FT
	F.J.2	789.8 SQ FT
	(1/4") Shear Plate	39.1 FT
	(8"x8"x1/2") End Plate w/ (2)-(3/4" Dia) A307	4.0

JOIST & BEAM SCHEDULE

TYPE	SIZE
(NEM 1)	W 8X28
(NEM 2)	W 8X35
(NEM 3)	W 8X35
(NEM 4)	W 8X48
(NF.J. 1)	(4)2005-300-54(165A) @16' O.C.
(NF.J. 2)	12005-300-54(165A) @16' O.C.
(NF.J.(STAIR))	2X10 #2 @16' O.C.

SHEAR WALL SCHEDULE

TYPE	MATERIAL DESCRIPTION	BLOCKING	ALLOWABLE SHEAR (PLF)	SILL ATTACHMENT		SIMPSON LTPS	NOTES
				FLOOR	CONCRETE		
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 8/12	BLOCKING (43 mills)	356	#10 SCREW @ 6" O.C.	5/8" A.B. @ 32" O.C.	@ 32" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 4/12	BLOCKING (43 mills)	532	#10 SCREW @ 4" O.C.	5/8" A.B. @ 24" O.C.	@ 24" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 3/12	BLOCKING (43 mills)	710	#10 SCREW @ 3" O.C.	5/8" A.B. @ 16" O.C.	@ 16" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 2/12	BLOCKING (43 mills)	876	#10 SCREW @ 2" O.C.	5/8" A.B. @ 12" O.C.	@ 12" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 4/12 (BOTH SIDE)	BLOCKING (43 mills)	1064	#10 SCREW @ 2" O.C.	5/8" A.B. @ 2" O.C.	@ 2" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 3/12 (BOTH SIDE)	BLOCKING (43 mills)	1420	(2) #10 SCREW @ 3" O.C.	5/8" A.B. @ 8" O.C.	@ 8" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 2/12 (BOTH SIDE)	BLOCKING (43 mills)	1752	(2) #10 SCREW @ 2" O.C.	5/8" A.B. @ 8" O.C.	@ 8" O.C.	SEE NOTES
NON-SHEAR WALL	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 8/12	-	-	#10 SCREW @ 8" O.C.	5/8" A.B. @ 48" O.C.	@ 32" O.C.	SEE NOTES

- NOTES:
- WOOD STRUCTURAL PANELS SHALL BE MANUFACTURED USING EXTERIOR GLUE AND SHALL COMPLY WITH THE FOLLOWING, AS APPLICABLE; DOC P5-T OR P5-2
 - WOOD STRUCTURAL PANELS SHALL BE ATTACHED TO STEEL FRAMING WITH A MINIMUM NO. 8 COUNTERSINK TAPPING SCREWS WITH A MINIMUM HEAD DIAMETER OF 0.285 INCH OR NO. 10 COUNTERSINK TAPPING SCREWS WITH A MINIMUM HEAD DIAMETER 0.333 INCH IN ACCORDANCE WITH TABLE G21-3.
 - SCREWS USED TO ATTACH WOOD STRUCTURAL PANEL SHEATHING SHALL BE IN ACCORDANCE WITH ASTM C645.

Basis Engineering
Total solution & consulting for building Structure

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Email: emc@basisinc.net

PROJECT: _____

91770

VERACITY ESTIMATING
Construction Estimation Services

DRAWING TITLE: _____

FRAMING PLAN
MEZZANINE AREA

REVISIONS



DATE: FEB. 27, 2023

DRAWN: _____

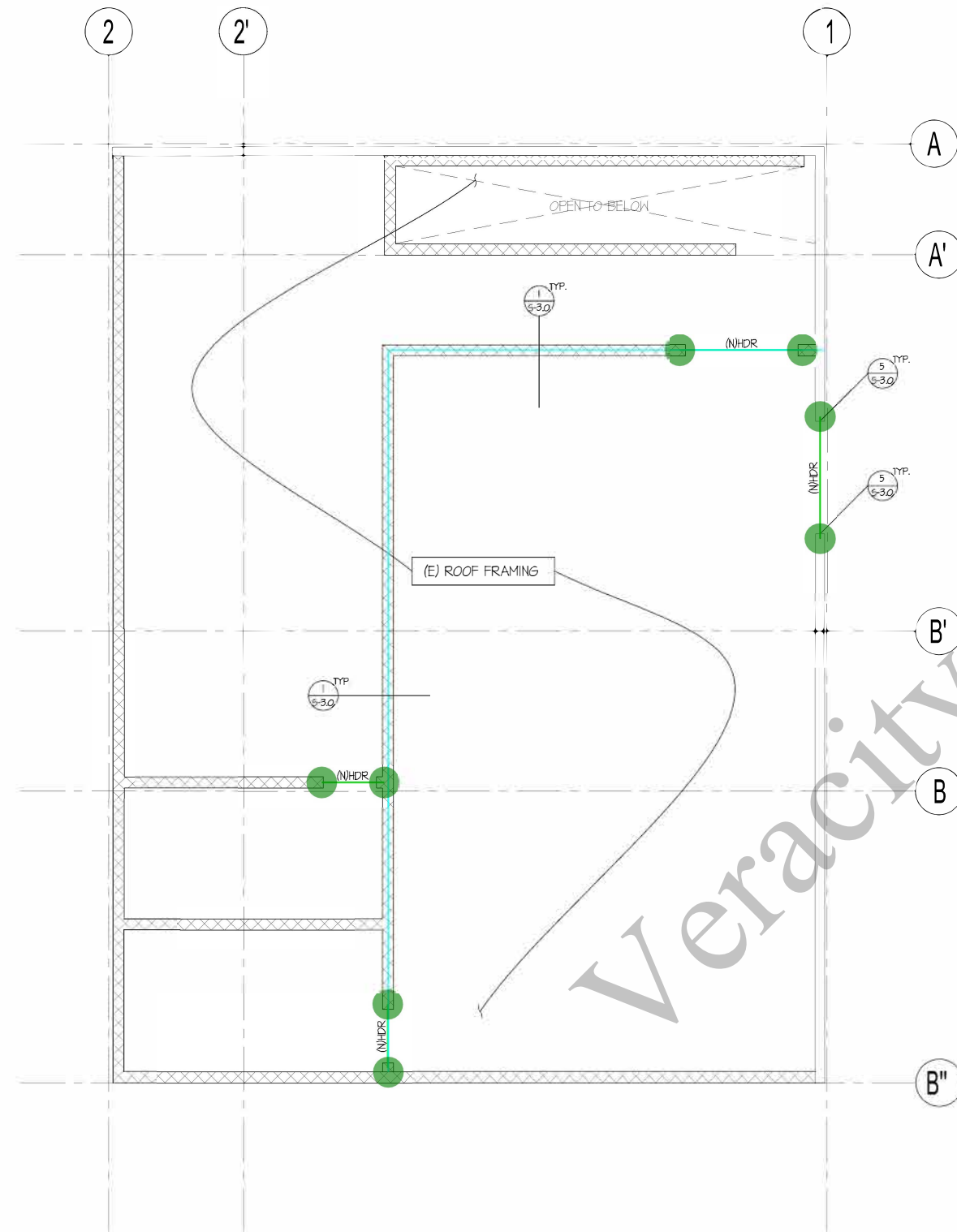
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JOB NO: _____

SCALE: AS SHOWN

SHEET NO: _____

S-2.3



FOUNDATION & WALL LEGEND

: INDICATES (N) PARTITION WALL (FULL HEIGHT)
 : INDICATES (E) WALL TO REMAIN

HDR
 1/S-3.0
 (4"x14"x1/2") Plate

24.4 FT
 76.2 FT
 8.0

ROOF FRAMING PLAN

- ROOF SLOPE SEE ARCH.
- PROVIDE #8 SCREW @6" O.C. BOUNDARY NAILS AT THE PERIMETER OF BUILDING.
- ALL METAL STUDS SHALL BE ICC, LARR, IAPMO APPROVED, AND/OR TESTED PER APPROVED AGENCY.
- ALL FASTENERS FOR PRESERVATIVE-TREATED OR FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL ACCORDANCE WITH ASTM A153.

LEGEND

: INDICATES SHEAR WALL. SEE SHEAR WALL SCHEDULE TABLE.
 : INDICATES HEADERS TO BE (2)-C140(18GA) U. N. O.

SHEAR WALL SCHEDULE

AISI S213-01 TABLE G21-3

TYPE	MATERIAL DESCRIPTION	BLOCKING	ALLOWABLE SHEAR (PLF)	SILL ATTACHMENT		SIMPSON LTP5	NOTES
				FLOOR	CONCRETE		
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 6/12	BLOCKING (43 mills)	356	#10 SCREW @ 6" O.C.	5/8" A.B. @ 32" O.C.	@ 32" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 4/12	BLOCKING (43 mills)	532	#10 SCREW @ 4" O.C.	5/8" A.B. @ 24" O.C.	@ 24" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 3/12	BLOCKING (43 mills)	710	#10 SCREW @ 3" O.C.	5/8" A.B. @ 16" O.C.	@ 16" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 2/12	BLOCKING (43 mills)	876	#10 SCREW @ 2" O.C.	5/8" A.B. @ 16" O.C.	@ 12" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 4/12 (BOTH SIDE)	BLOCKING (43 mills)	1064	#10 SCREW @ 2" O.C.	5/8" A.B. @ 12" O.C.	@ 12" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 3/12 (BOTH SIDE)	BLOCKING (43 mills)	1420	(2) #10 SCREW @ 3" O.C.	5/8" A.B. @ 8" O.C.	@ 8" O.C.	SEE NOTES
	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 2/12 (BOTH SIDE)	BLOCKING (43 mills)	1752	(2) #10 SCREW @ 2" O.C.	5/8" A.B. @ 8" O.C.	@ 8" O.C.	SEE NOTES
NON-SHEAR WALL	15/32" APA STRUCTURAL-1 W/ #8 SCREW @ 8/12	-	-	#10 SCREW @ 8" O.C.	5/8" A.B. @ 48" O.C.	@ 32" O.C.	SEE NOTES

- NOTES :
- WOOD STRUCTURAL PANELS SHALL BE MANUFACTURED USING EXTERIOR GLUE AND SHALL COMPLY WITH THE FOLLOWING, AS APPLICABLE ; DOC P51 OR P5 2
 - WOOD STRUCTURAL PANELS SHALL BE ATTACHED TO STEEL FRAMING WITH A MINIMUM NO. 8 COUNTERSUNK TAPPING SCREWS WITH A MINIMUM HEAD DIAMETER OF 0.285 INCH OR NO. 10 COUNTERSUNK TAPPING SCREWS WITH A MINIMUM HEAD DIAMETER 0.333 INCH IN ACCORDANCE WITH TABLE G21-3.
 - SCREWS USED TO ATTACH WOOD STRUCTURAL PANEL SHEATHING SHALL BE IN ACCORDANCE WITH ASTM C615.

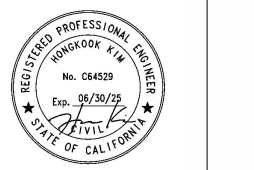
Basis Engineering
 Total solution & consulting for building Structure
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Construction Estimation Services

DRAWING TITLE
ROOF FRAMING PLAN
MEZZANINE AREA

REVISIONS



DATE: FEB. 27, 2023
 DRAWN:
 CHECKED:
 JOB NO:
 SCALE: AS SHOWN
 SHEET NO:

S-2.4