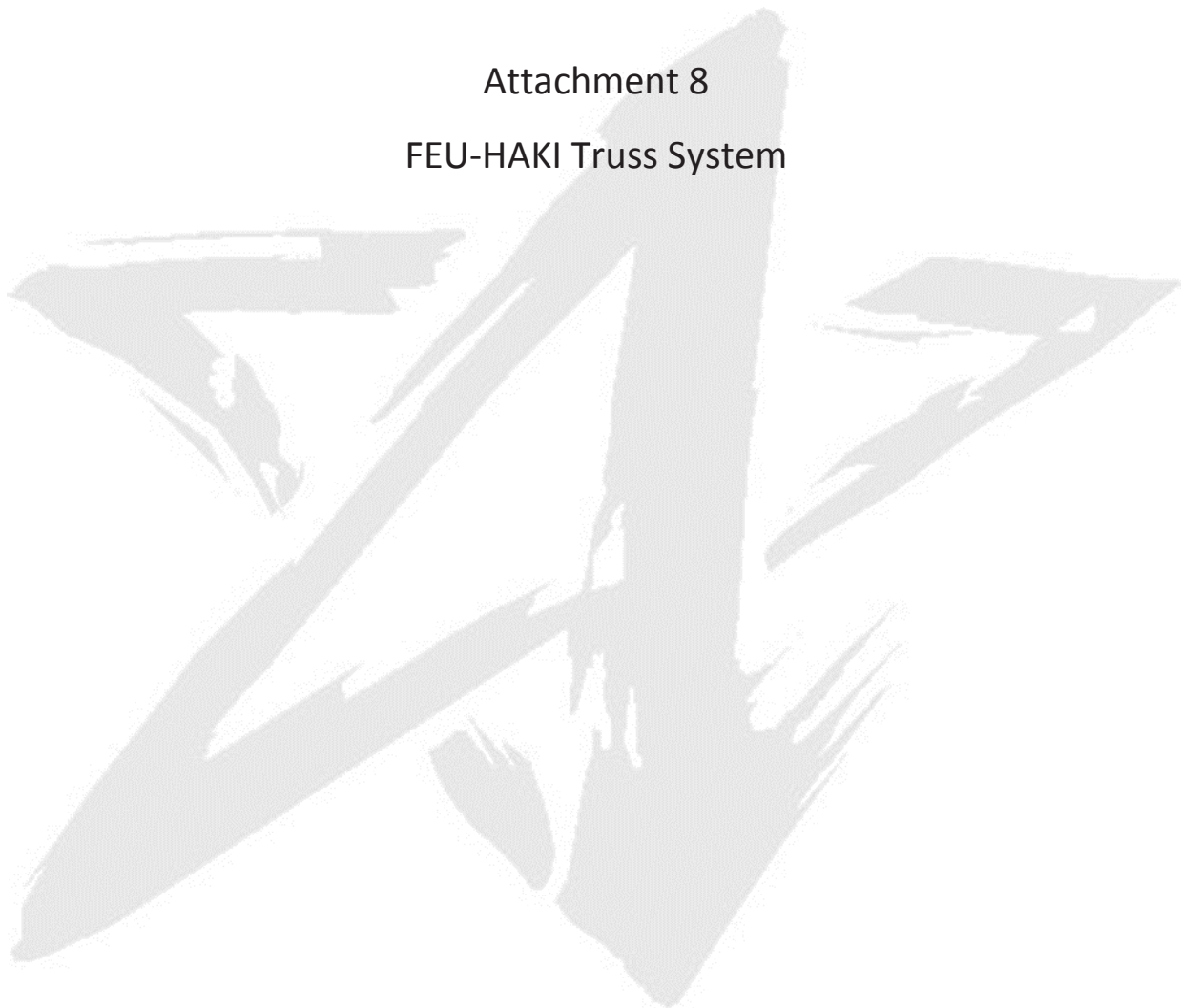
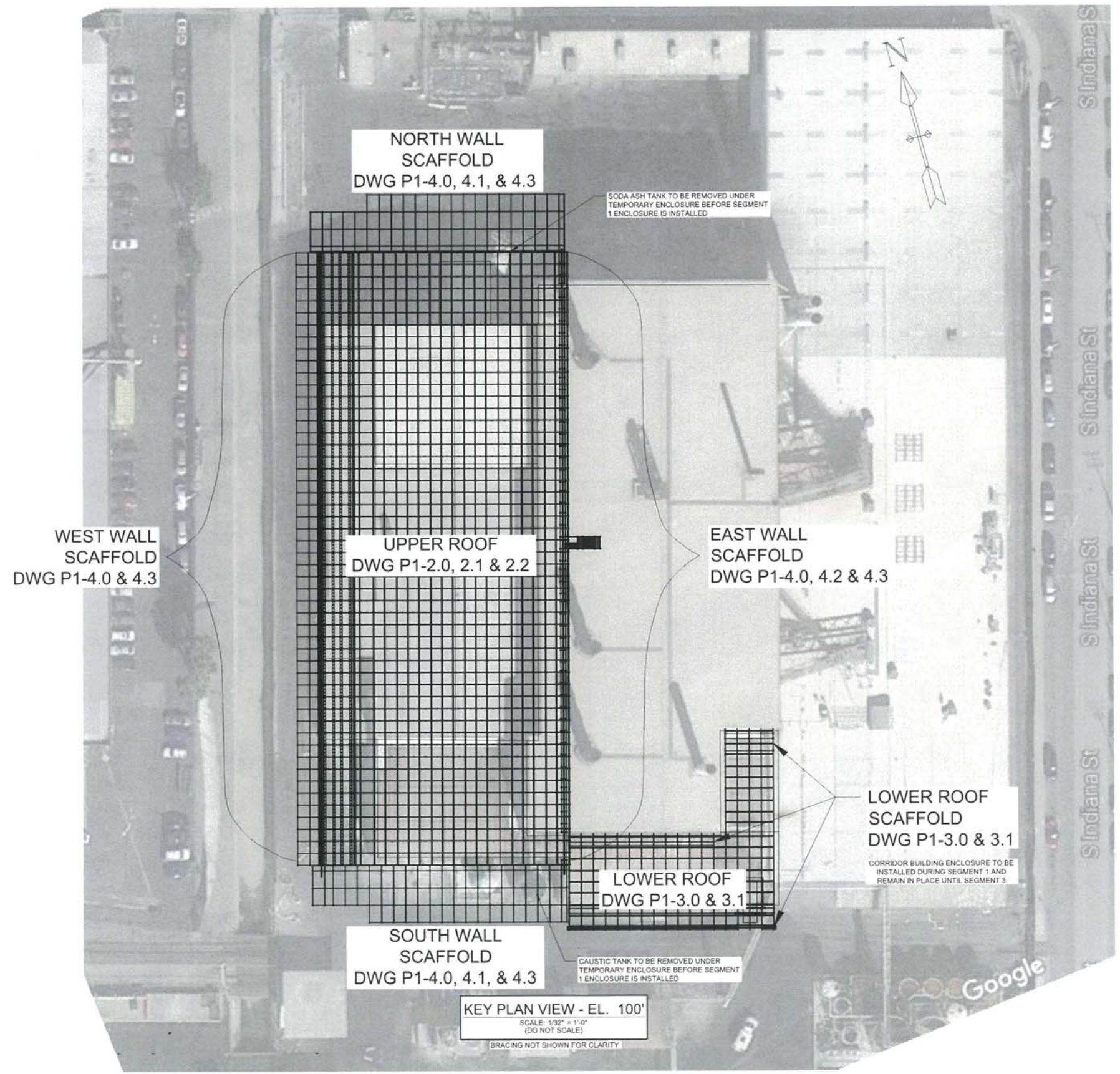


Attachment 8  
FEU-HAKI Truss System





**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING.

**DURING INSTALLATION**

THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLD MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)

- HAKI SYSTEM SHELTER NOTES:**
- USER/ERECTOR SHALL READ AND COMPLY WITH THE FOLLOWING "USER'S GUIDE FOR HAKITEC 750 SYSTEM SHELTER".
  - THIS SHELTER LAYOUT WAS DEVELOPED FROM LIMITED INFORMATION AND MAY VARY DUE TO ACTUAL FIELD CONDITIONS. CONTACT SAFWAY ENGINEERING FOR APPROVAL PRIOR TO MODIFYING.
  - CUSTOMER SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO ERECTING SHELTER.
  - VERTICAL DIAGONALS, HORIZONTAL DIAGONALS, STAND-OFFS AND TENSION/COMPRESSION TIES SHALL BE INSTALLED AS THE SUPPORT SCAFFOLD IS ERECTED.
  - SAFWAY WILL PROVIDE A MUD SILL. BASED ON A MAXIMUM LEG LOAD OF 7500 LBS., THE ENGINEER OF RECORD SHALL DETERMINE IF THE EXISTING GRADE CONDITION PROVIDES ADEQUATE BEARING TO SAFELY SUPPORT SAFWAY EQUIPMENT. CONTACT SAFWAY ENGINEERING IF GRADE CONDITIONS ARE INADEQUATE.
  - THE MAXIMUM ALLOWABLE JACK EXTENSION (TOTAL HEIGHT OF JACK ASSEMBLY) IS 12".
  - ACCESS TO THIS SHELTER SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND FEDERAL OSHA REGULATIONS AND LOCAL CODES.
  - THIS SHELTER IS DESIGNED AS A FULLY ENCLOSED STRUCTURE PER ASCE 7-10 & ASCE 37-02 GIVEN THE FOLLOWING:  
V=80 mph REDUCED 0% PER ASCE 37-02 TO 80 mph EXPOSURE C BUILDING OCCUPANCY CATEGORY I
  - THE ENGINEER OF RECORD SHALL CHECK AND APPROVE THE ABILITY OF THE EXISTING STRUCTURE TO SAFELY SUPPORT LOADS IMPOSED BY SHELTER.
  - ALL GENERAL HOUSEKEEPING SHALL BE THE RESPONSIBILITY OF THE CUSTOMER. AT NO TIME SHALL DEBRIS BE ALLOWED TO ACCUMULATE ON ANY DECKING OR SCAFFOLD COMPONENTS.
  - THIS SHELTER HAS **NOT** BEEN DESIGNED FOR SNOW LOADING. SAFWAY RECOMMENDS THAT MEASURES BE TAKEN BY THE CUSTOMER TO CREATE A WEATHER PLAN TO ADDRESS POTENTIAL SNOW LOADING SHOULD INCLIMATE WEATHER BE PREDICTED WHILE THE ENCLOSURE IS INSTALLED.

- SYSTEMS SCAFFOLD NOTES:**
- USER/ERECTOR SHALL READ AND COMPLY WITH THE FOLLOWING "SAFETY GUIDELINES FOR SAFWAY SYSTEMS SCAFFOLD" ORN 202.
  - THIS SCAFFOLD LAYOUT WAS DEVELOPED FROM LIMITED INFORMATION AND MAY VARY DUE TO ACTUAL FIELD CONDITIONS. CONTACT SAFWAY ENGINEERING FOR APPROVAL PRIOR TO MODIFYING.
  - CUSTOMER SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO ERECTING SCAFFOLD.
  - LEG STACK-UPS MAY VARY DEPENDING UPON ACTUAL FIELD CONDITIONS. ALL LEGS MUST BE BRACED EVERY 7' VERTICALLY IN TWO DIRECTIONS UNLESS OTHERWISE SHOWN.
  - VERTICAL DIAGONALS, HORIZONTAL DIAGONALS, STAND-OFFS AND TENSION/COMPRESSION TIES SHALL BE INSTALLED AS THE SCAFFOLD IS ERECTED.
  - SAFWAY WILL PROVIDE A MUD SILL. BASED ON A MAXIMUM LEG LOAD OF 7500 LBS., THE ENGINEER OF RECORD SHALL DETERMINE IF THE EXISTING GRADE CONDITION PROVIDES ADEQUATE BEARING TO SAFELY SUPPORT SAFWAY EQUIPMENT. CONTACT SAFWAY ENGINEERING IF GRADE CONDITIONS ARE INADEQUATE.
  - THE MAXIMUM ALLOWABLE JACK EXTENSION (TOTAL HEIGHT OF JACK ASSEMBLY) IS 12".
  - THE ENGINEER OF RECORD SHALL CHECK AND APPROVE THE ABILITY OF THE EXISTING STRUCTURE TO SAFELY SUPPORT LOADS IMPOSED BY SCAFFOLD.
  - ALL GENERAL HOUSEKEEPING SHALL BE THE RESPONSIBILITY OF THE CUSTOMER. AT NO TIME SHALL DEBRIS BE ALLOWED TO ACCUMULATE ON ANY DECKING OR SCAFFOLD COMPONENTS.

ORIGINAL P.E. SIGNATURE IN BLUE INK

REGISTERED PROFESSIONAL ENGINEER  
 THOMAS J. JEROME, M.S.E.  
 No. 0251041  
 Exp. 9-30-2017  
 CIVIL  
 STATE OF CALIFORNIA  
 01/04/2017

11/20/16	PAJ	FOR CONSTRUCTION	DATE
11/20/16	PAJ	FOR APPROVAL	
11/20/16	PAJ	FOR QUOTATION	
11/20/16	PAJ	PRELIMINARY	
11/20/16	PAJ	CONCEPT DRAWING	
11/20/16	PAJ	NOT FOR CONST.	

DESCRIPTION: HAKI ROOF ENCLOSURE

PROJECT: BRIDGE DIVISION

DATE: 06/01/2016

DRAWN BY: SMT

CHECKED BY: PAJ

PROJECT NUMBER: 152097

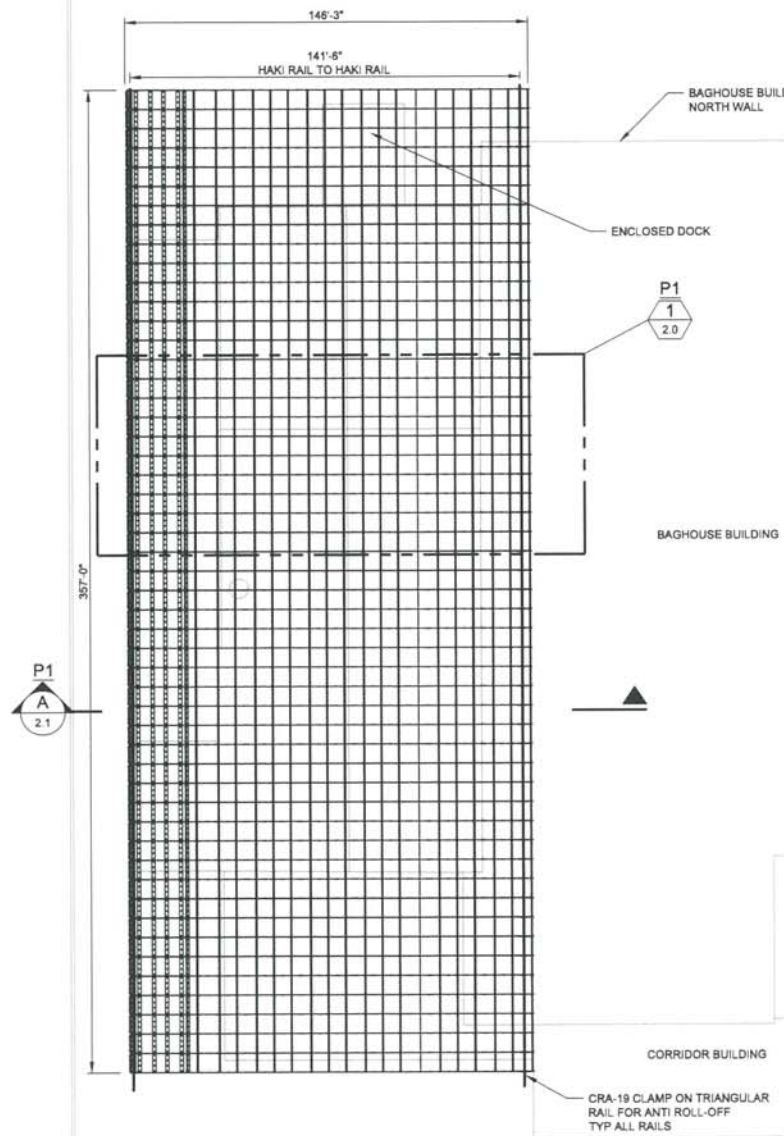
DWG NO: P1-1.0

REV. L1: O

SAFWAY SERVICES, LLC

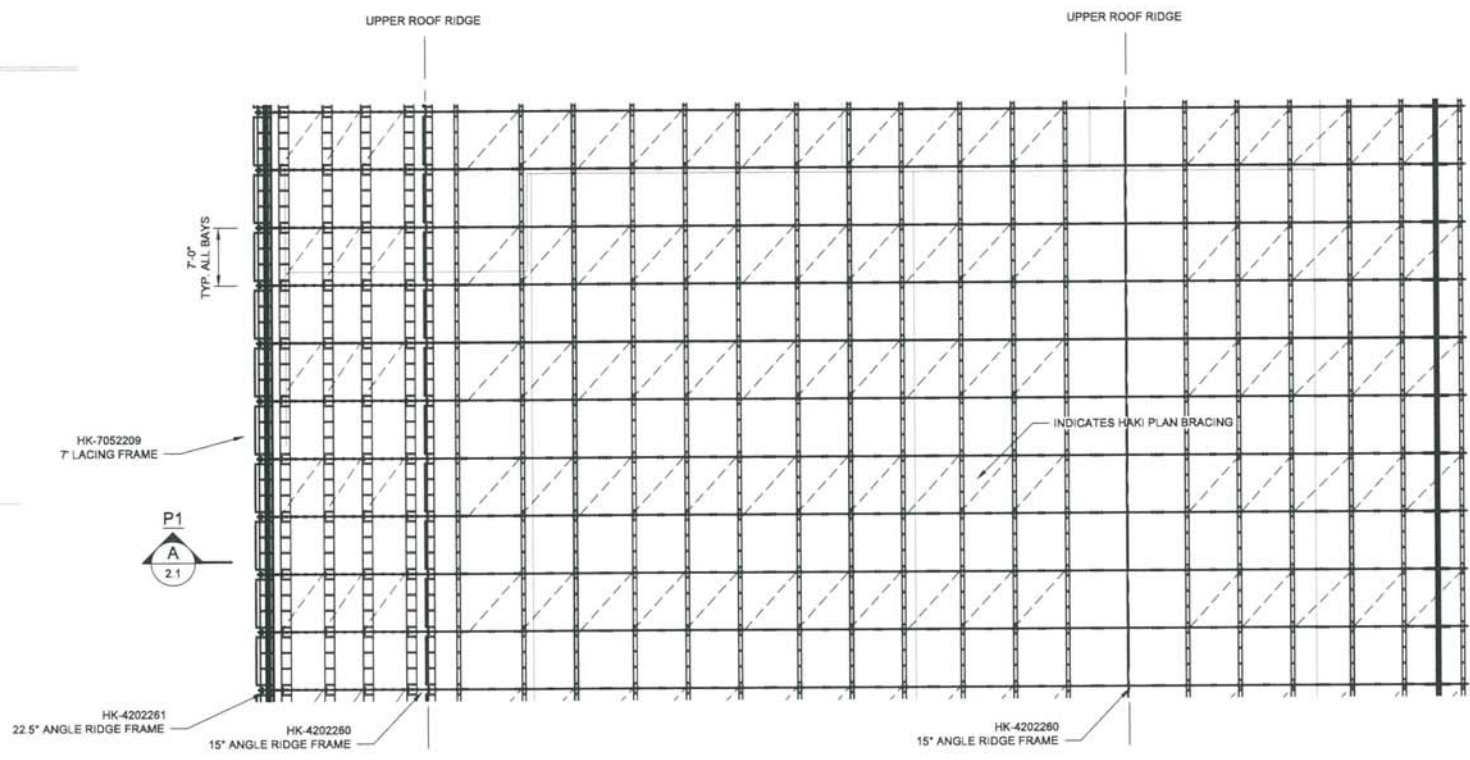


INDICATES EXIDE FACILITY FENCE



BRACING NOT SHOWN FOR CLARITY  
**UPPER ROOF PLAN VIEW**  
 SCALE: 1/16" = 1'-0"  
 (DO NOT SCALE)

INDICATES ACTIVE RAILROAD TRACKS



TYPICAL UPPER ROOF PLAN VIEW  
**DETAIL**  
 SCALE: 1/8" = 1'-0"  
 (DO NOT SCALE)

**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING.

**DURING INSTALLATION**

THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLD MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)

ORIGINAL P. E. SIGNATURE  
 IN BLUE INK



152097	SMT	PAJ	1/10/2016	12/29/2015	152097	P1-2.0	O
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152097	SMT	PAJ	1/10/2016	12/29/2015	152097	P1-2.0	O
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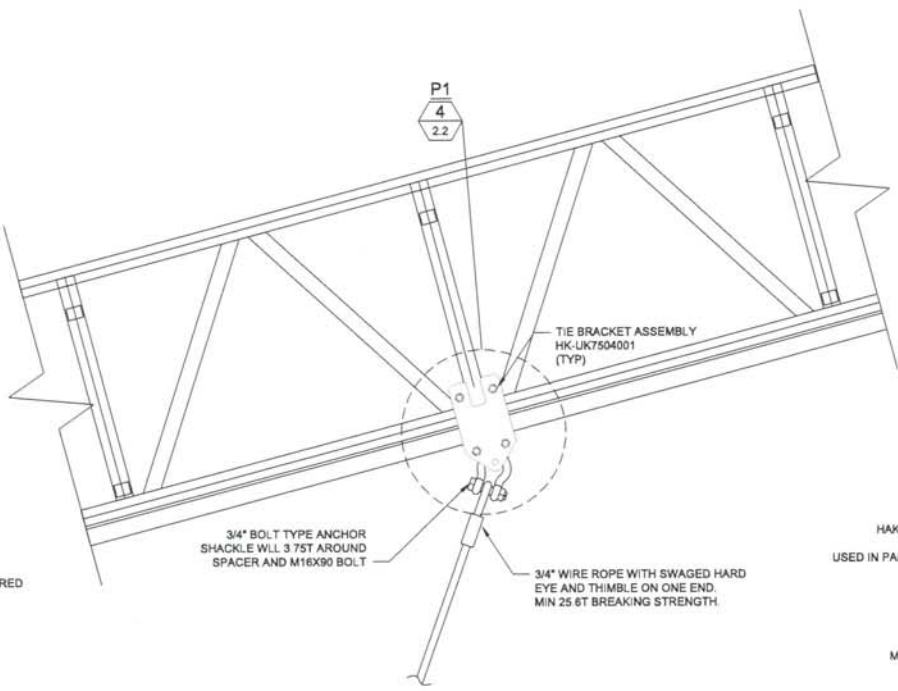
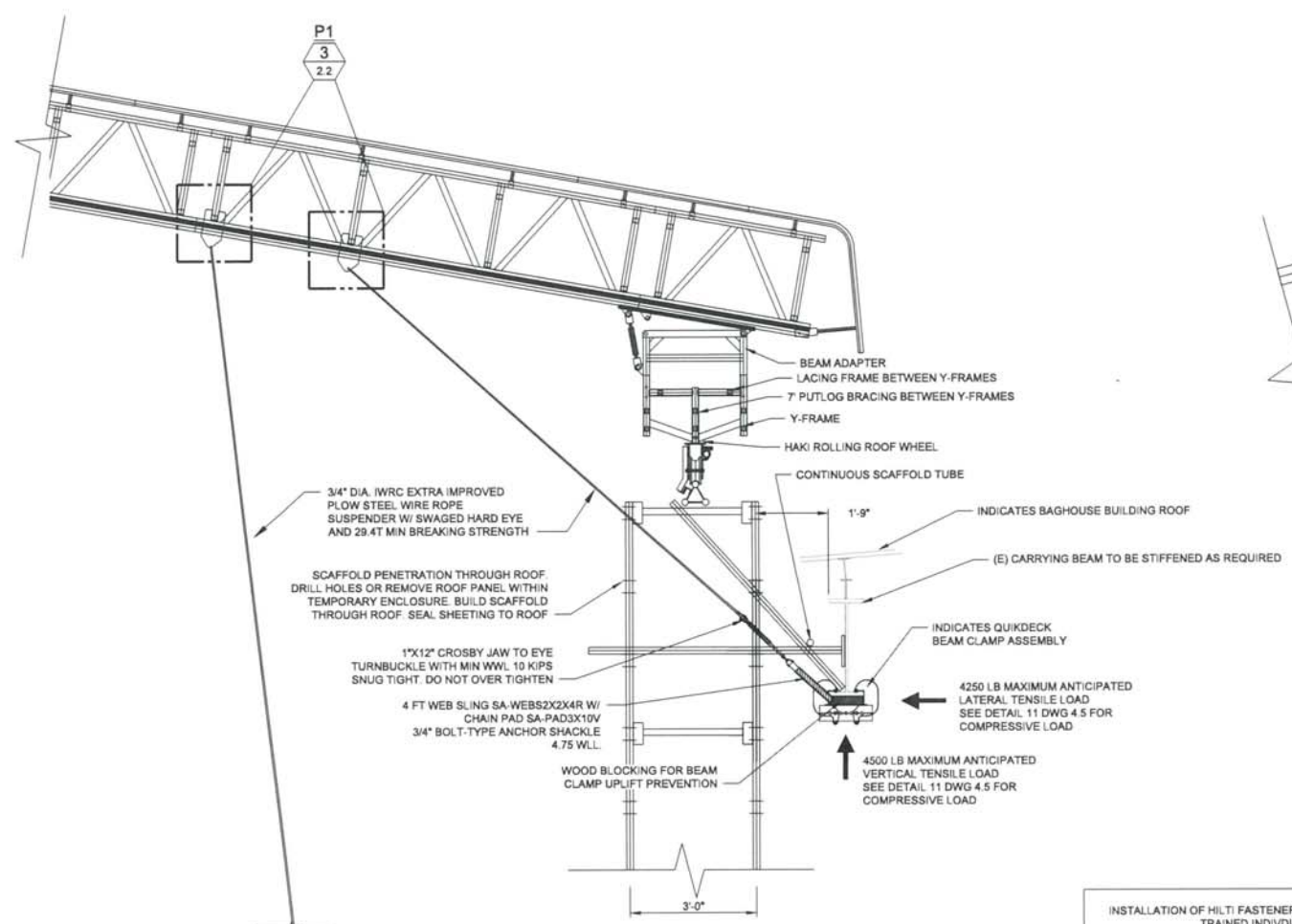
Rev	Description	Date	By	CHK
1	ADDED WINDING IN WIND LOADING CRITERIA			
2	ADDED STEERING NOTE TO CARRYING BEAM			
3	REVISED AS REQUIRED			
4	ADDED NOTES A ROOF PERFORMANCE ASSES AND AN UNCLAMP DETAIL AND CHANGES PER BEAM THICKNESS			
5	UPDATED WIND LOADING CRITERIA TO SLIP WITHOUT INTERIOR WIRE ROPE	11/10/2016	SMT	PAJ

**SAFWAY**  
 Safway Services, LLC  
 www.safway.com

Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	
Description: HAKI ROOF ENCLOSURE	
Upper Roof Plan View	
Drawn by: SMT	06/01/2016
Created: PAJ	12/29/2015
Project Number: 152097	Dwg. No. P1-2.0
Rev. Ltr: O	







**DETAIL 3**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)

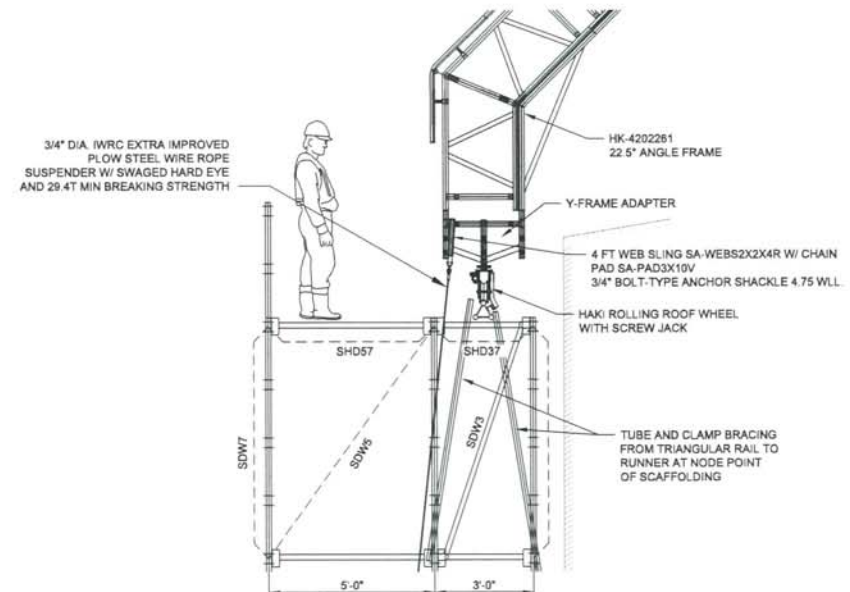
**DETAIL 4**  
SCALE: NTS = 1'-0"  
(DO NOT SCALE)

**DETAIL 2**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)

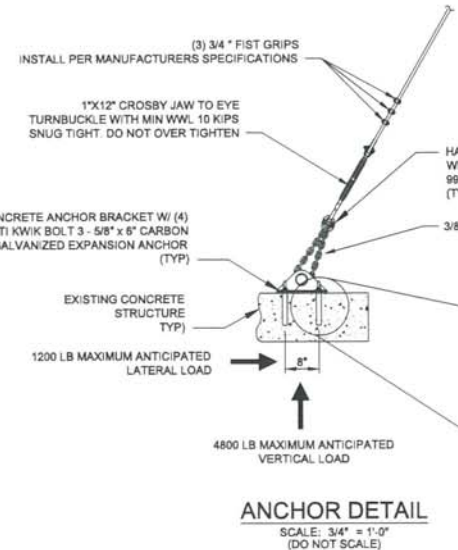
INSTALLATION OF HILTI FASTENERS IS TO BE COMPLETED BY TRAINED INDIVIDUALS ONLY. IT IS RECOMMENDED THAT A HILTI REPRESENTATIVE BE ON-SITE TO TRAIN AND ASSIST DURING THE INSTALLATION.

CONCRETE ANCHOR BRACKETS SHALL BE INSTALLED AS ROOF IS INSTALLED. WIRE ROPE SHALL BE SECURED TO ANCHOR BRACKETS IN ACCORDANCE WITH THE WIND LOADING CRITERIA. ANCHOR BRACKETS INTERIOR TO THE CONTAINED AREAS SHALL BE PROPERLY SEALED FROM WATER PENETRATION

INSTALLATION OF HILTI FASTENERS IS TO BE COMPLETED BY TRAINED INDIVIDUALS ONLY. IT IS RECOMMENDED THAT A HILTI REPRESENTATIVE BE ON-SITE TO TRAIN AND ASSIST DURING THE INSTALLATION.



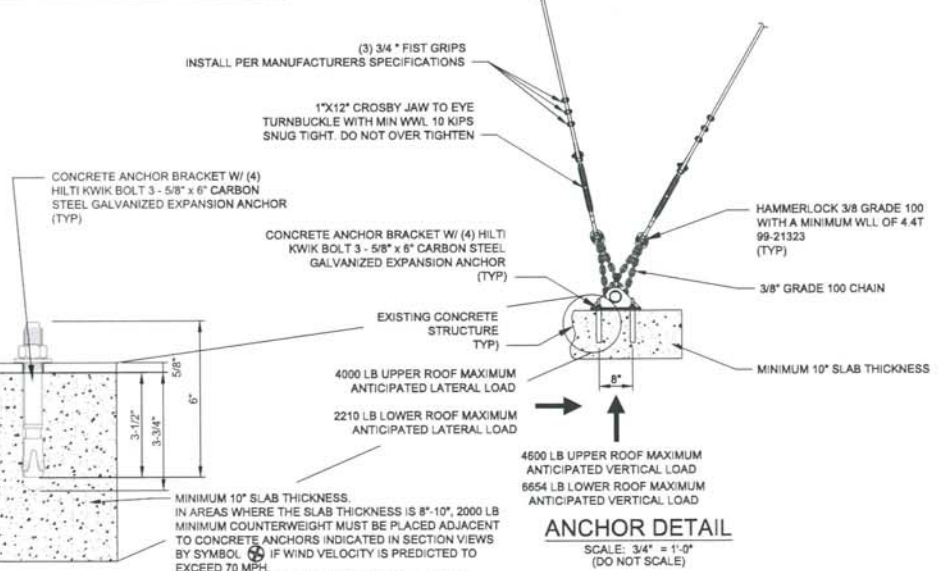
**DETAIL 5**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)



**ANCHOR DETAIL**  
SCALE: 3/4" = 1'-0"  
(DO NOT SCALE)

NOTE: CONCRETE ANCHOR(S) SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTION AND RECOMMENDATION AVOID REBAR WHEN DRILLING FOR ANCHOR. IF CONTACT WITH REBAR IS MADE, RELOCATE ANCHOR IN ACCORDANCE WITH UNIVERSAL CONCRETE ANCHOR INSTALLATION GUIDELINES.

**DETAIL 6**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)



**ANCHOR DETAIL**  
SCALE: 3/4" = 1'-0"  
(DO NOT SCALE)

NOTE: CONCRETE ANCHOR(S) SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTION AND RECOMMENDATION AVOID REBAR WHEN DRILLING FOR ANCHOR. IF CONTACT WITH REBAR IS MADE, RELOCATE ANCHOR IN ACCORDANCE WITH UNIVERSAL CONCRETE ANCHOR INSTALLATION GUIDELINES.

**DETAIL 7**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)

ORIGINAL P.E. SIGNATURE IN BLUE INK

REGISTERED PROFESSIONAL ENGINEER  
THOMAS JEROME METZGER  
No. 0051041  
Exp. 9-30-2017  
CIVIL  
STATE OF CALIFORNIA  
01/04/2017

NO.	DATE	BY	CHK.	DESCRIPTION
1	11/02/16	SMT		ISSUED FOR CONSTRUCTION
2	11/02/16	SMT		FOR APPROVAL
3	11/02/16	SMT		FOR QUOTATION
4	11/02/16	SMT		PRELIMINARY
5	11/02/16	SMT		CONCEPT DRAWING
6	11/02/16	SMT		NOT FOR CONSTRUCTION

**SAFWAY**  
Safway Services, LLC

© 2009 Safway Services, LLC

Branch	LOS ANGELES [072]	Bridge Division
Project	EXIDE HAKI HAKI ROOF ENCLOSURE	
Description	UPPER ROOF DETAILS	
Contractor		
Drawn by	SMT	06/01/2016
Checked	PAJ	12/29/2015
Project Number	152097	Dwg. No. P1-22
Rev.	Lz	O



**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

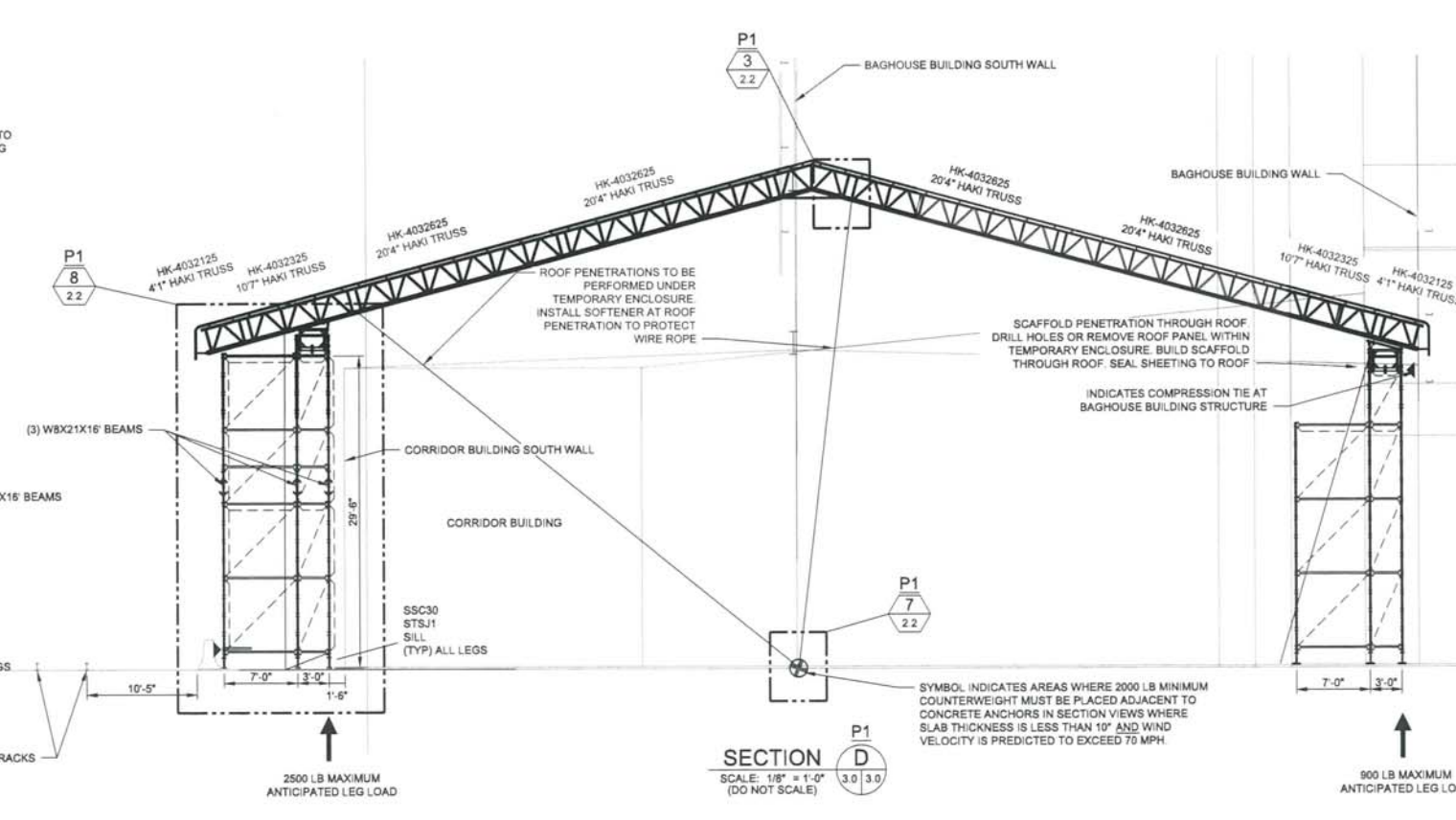
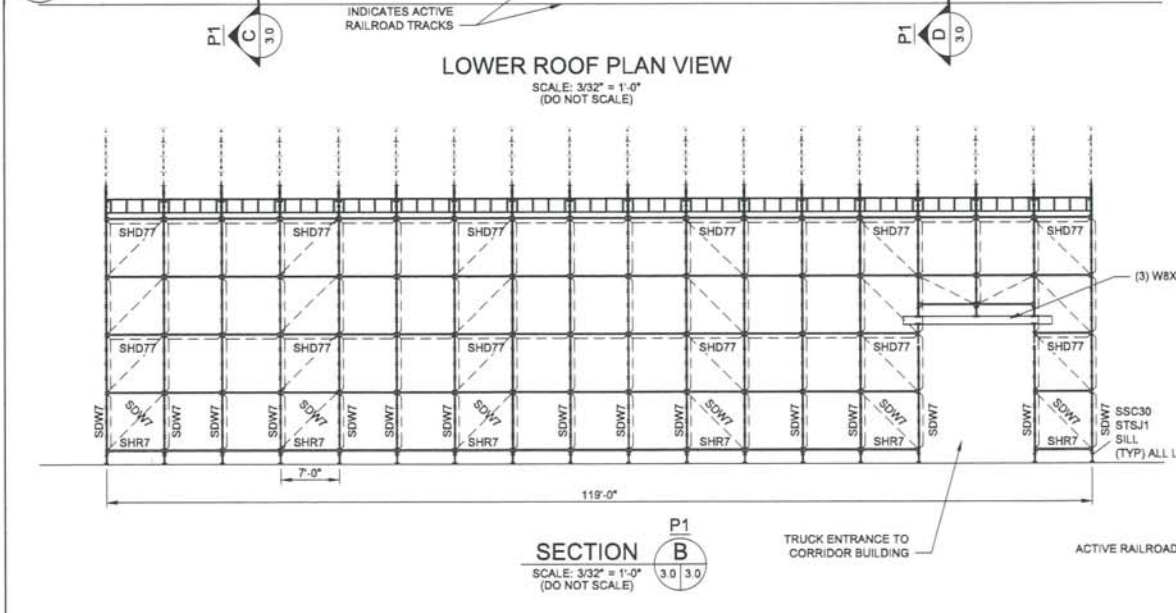
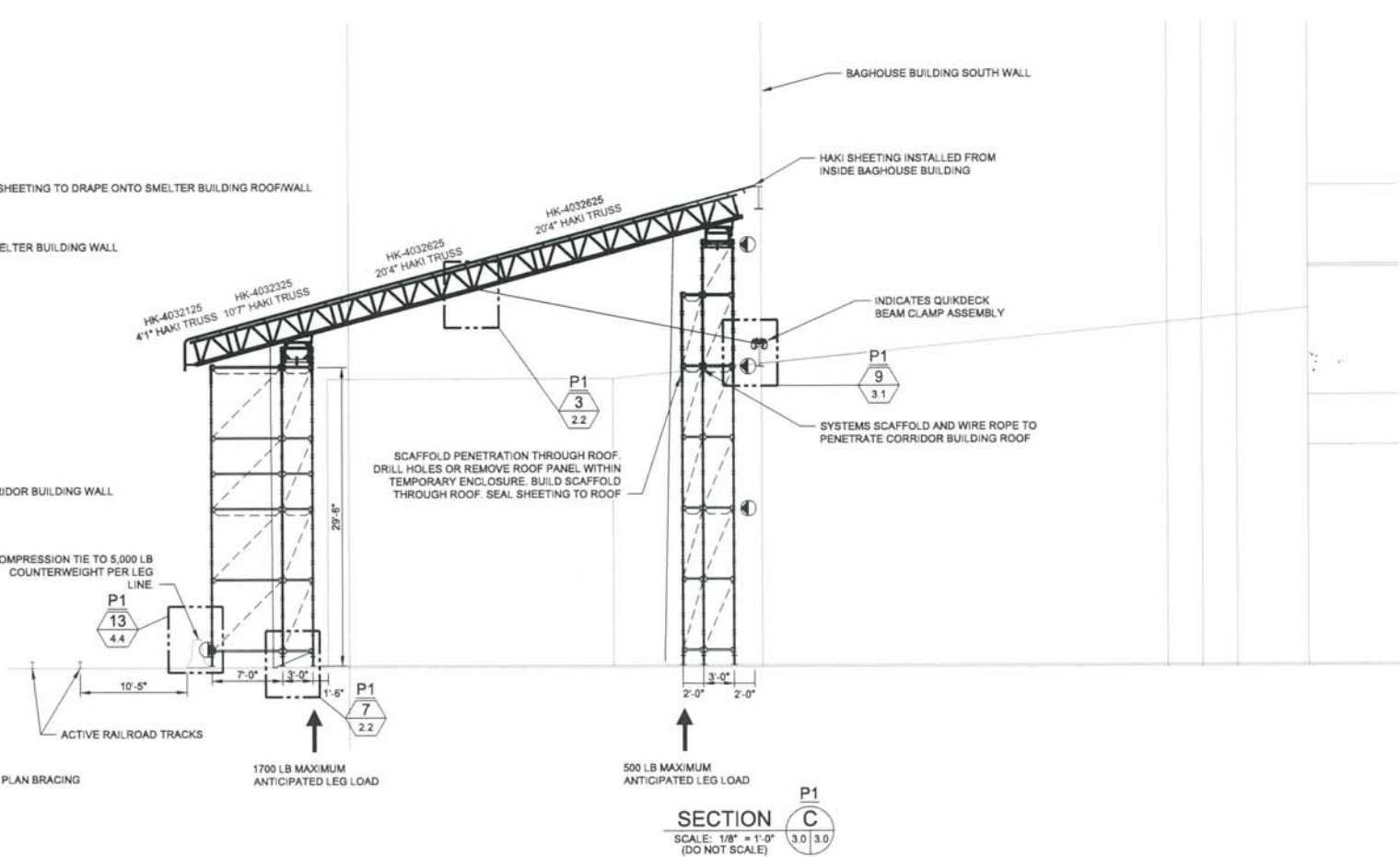
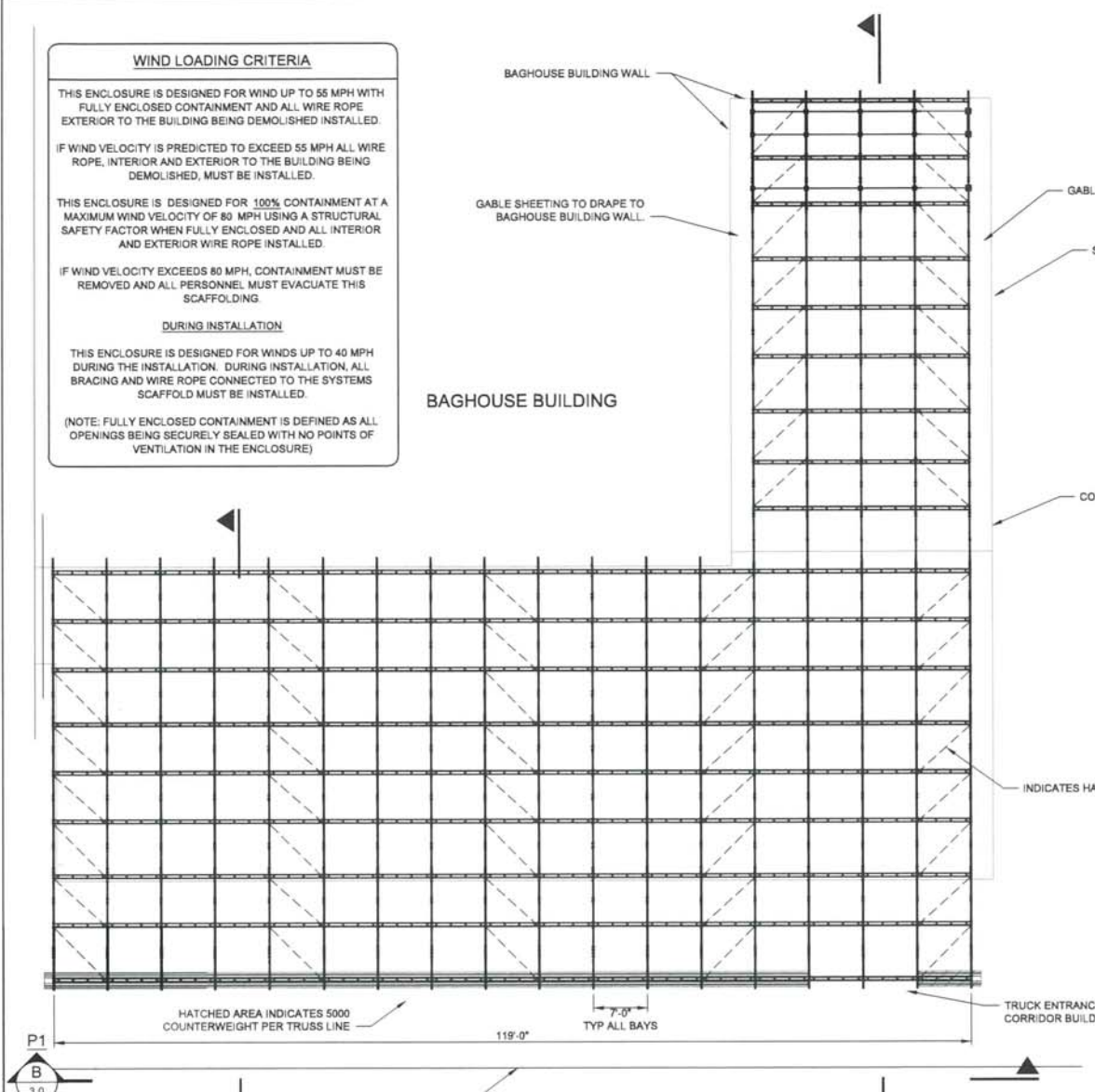
THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING.

**DURING INSTALLATION**

THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLD MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)



ORIGINAL P.E. SIGNATURE  
IN BLUE INK

REGISTERED PROFESSIONAL ENGINEER  
THOMAS JEROME MAYER  
No. 0051041  
Exp. 9-30-2017  
CIVIL  
STATE OF CALIFORNIA  
01/04/2017

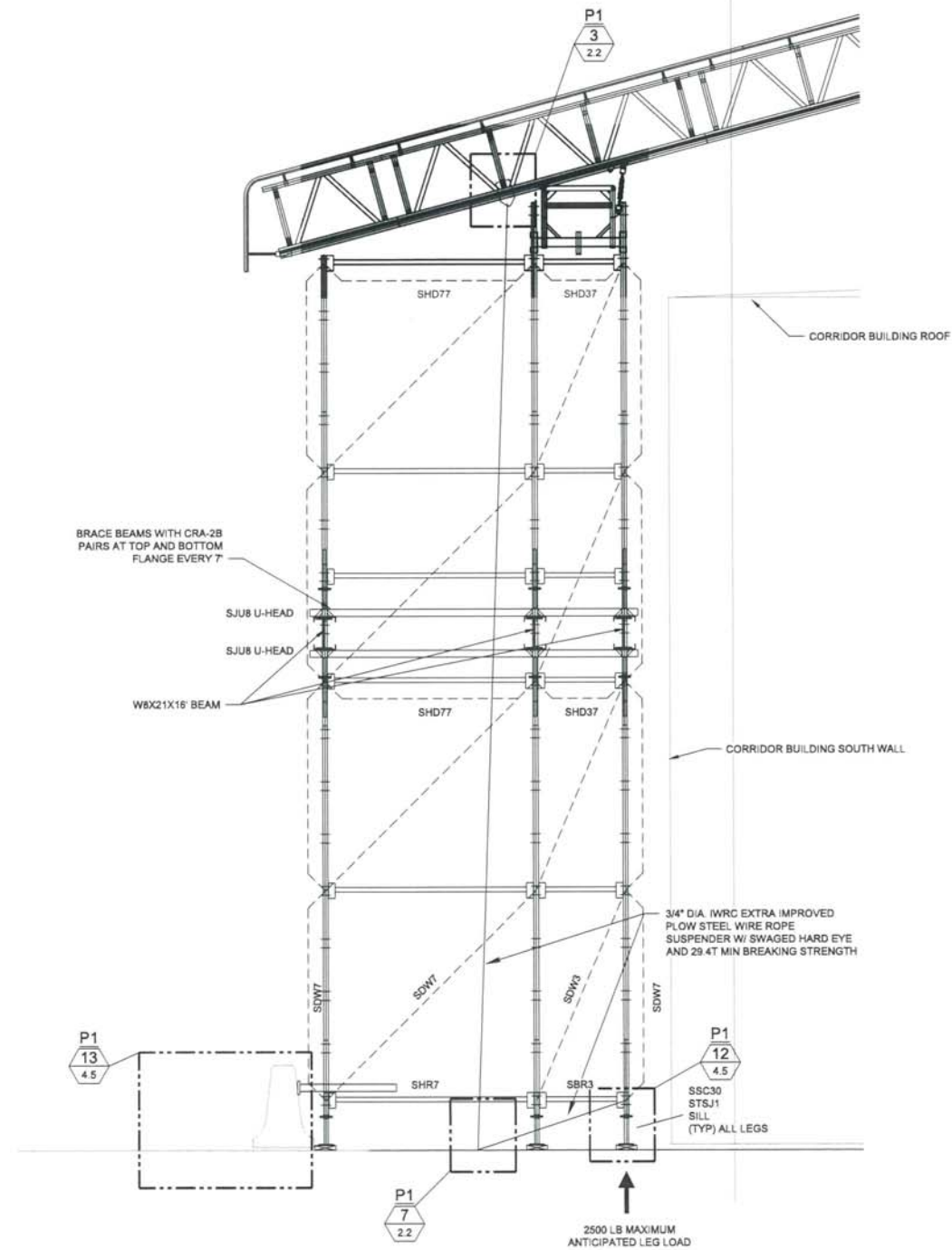
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13/02/18	SMT		13/02/18
12/02/19	SMT		12/02/19
11/02/20	SMT		11/02/20

**SAFWAY**  
Safway Services, LLC

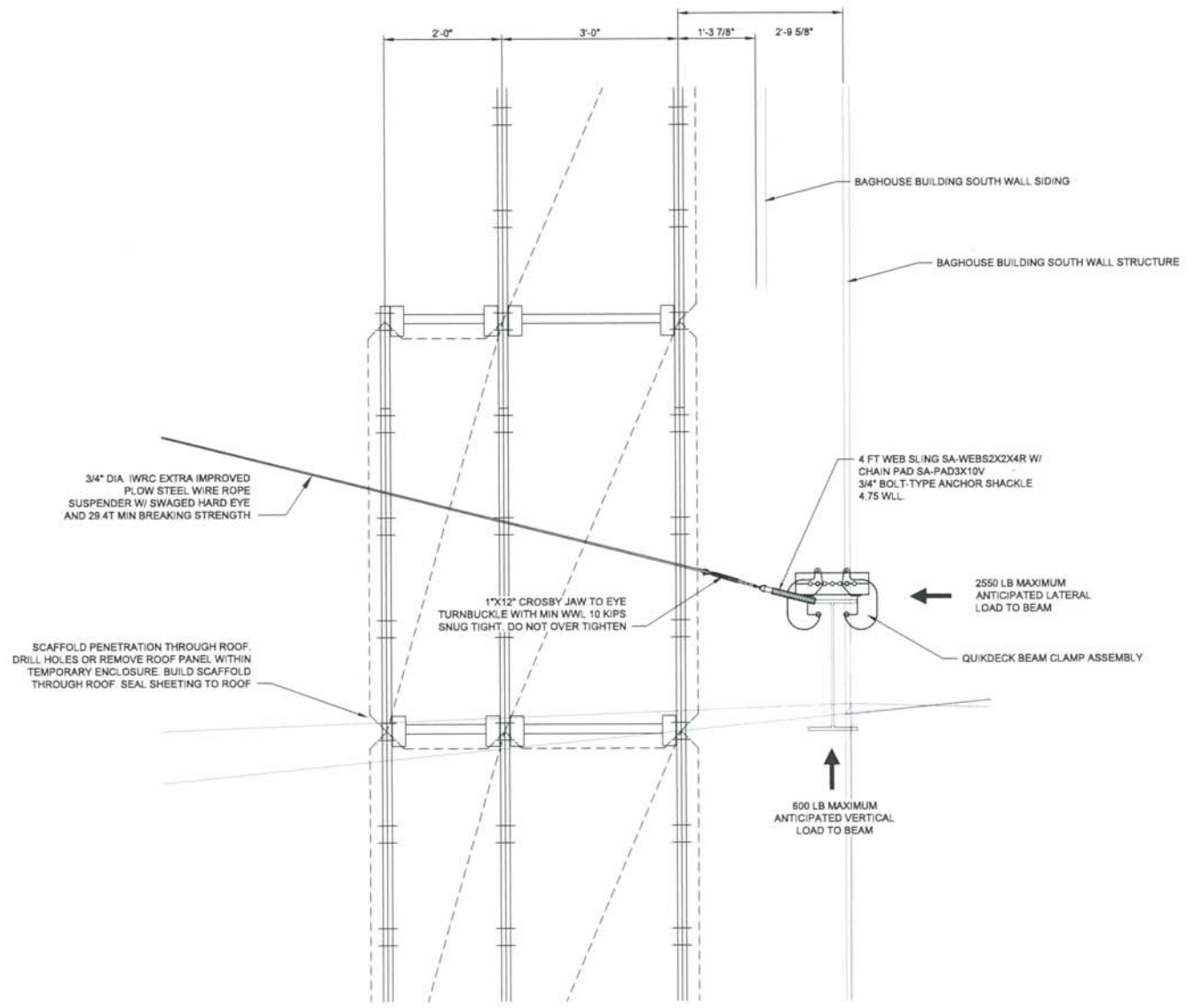
www.safway.com

Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	Contractor:
Description: LOWER ROOF PLAN AND SECTION VIEWS	Drawn by: SMT
	Checked: PAJ
	Project Number: 152097
	Rev. Lr: P1-3.0
	Rev. Lr: O





**DETAIL 8**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)



**DETAIL 9**  
SCALE: 3/4" = 1'-0"  
(DO NOT SCALE)

ORIGINAL P.E. SIGNATURE  
IN BLUE INK



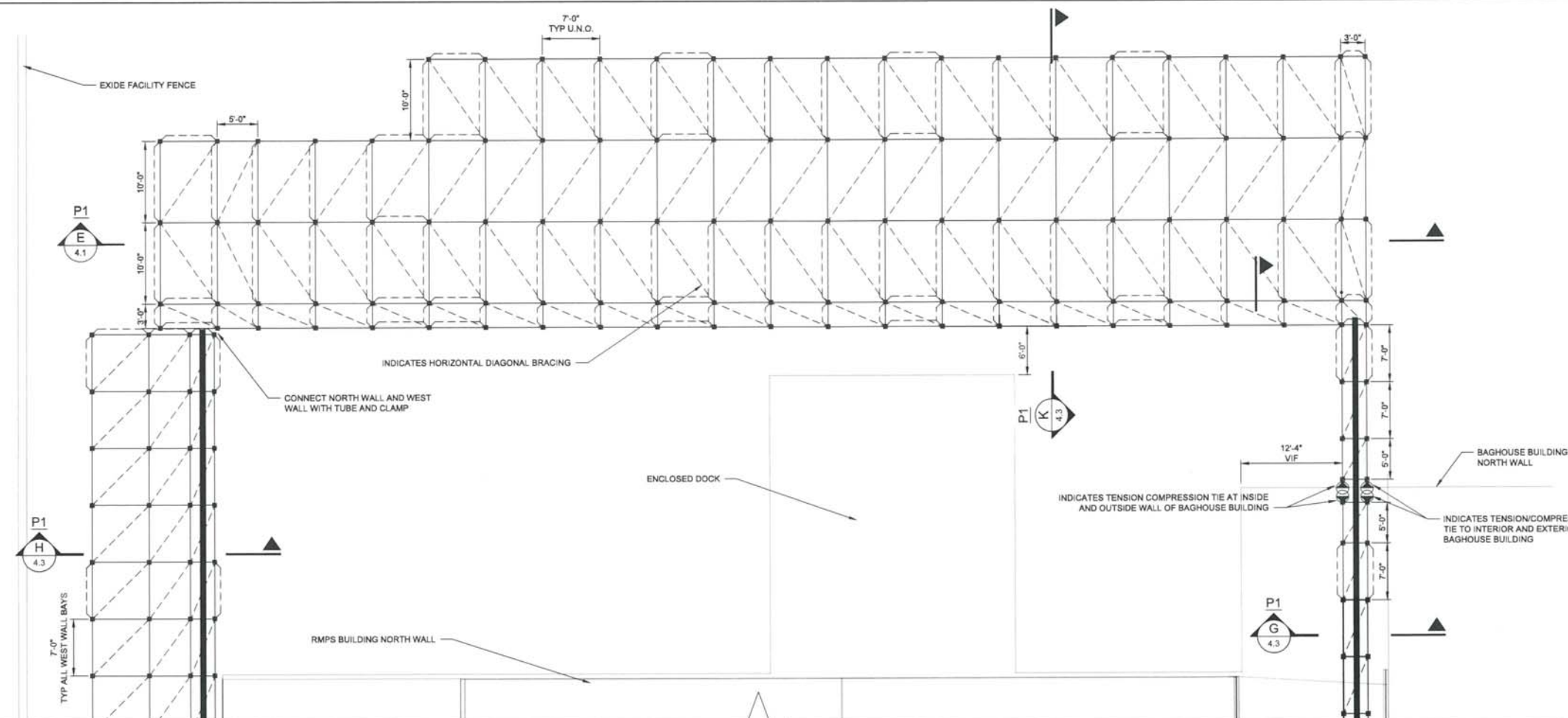
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11/02/16	SMT	PAJ	FOR CONSTRUCTION
12/02/16	SMT	PAJ	FOR APPROVAL
12/02/16	SMT	PAJ	FOR QUOTATION
12/02/16	SMT	PAJ	PRELIMINARY
11/02/16	SMT	PAJ	CONCEPT DRAWING
			NOT FOR CONST.

Date	By	Chg

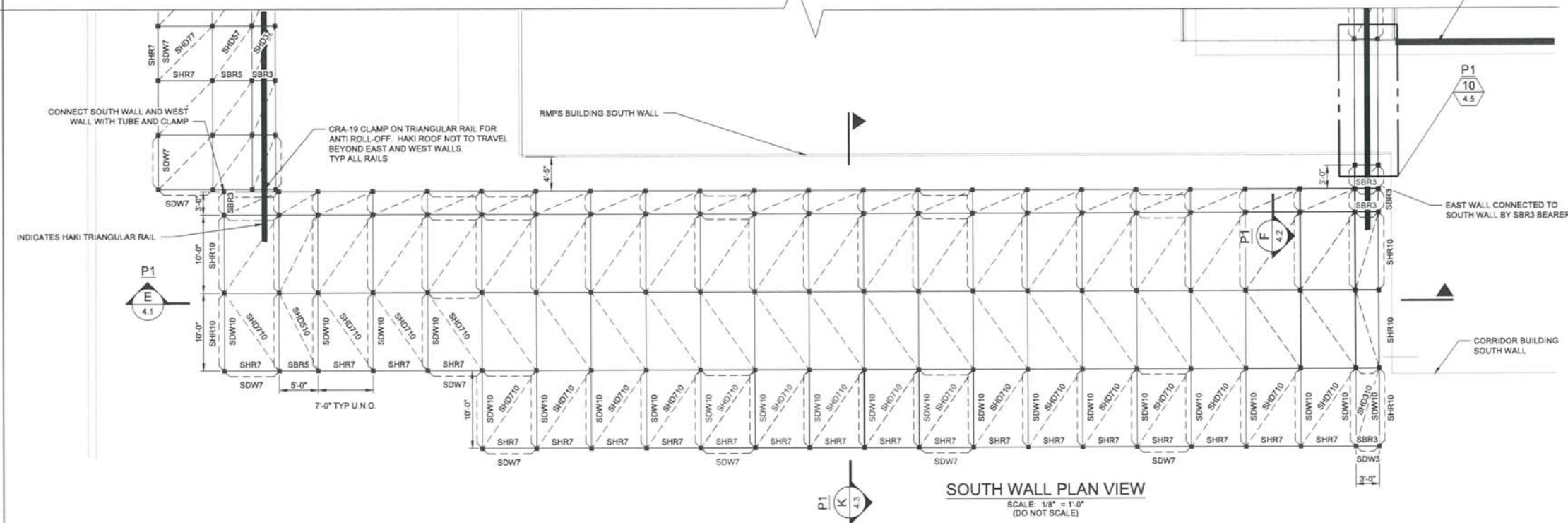
Rev	Description
1	MADE ED WORKING IN WIND LOADING CRITERIA
2	ADDED ESTIMATING NOTE TO CARRYING BEAM
3	REVISED AS REQUIRED
4	ADDED NOTE TO ROOF PENETRATION AND CHANGES PER ILM THICKNESS
5	UPDATED WIND LOADING CRITERIA TO SUPPLY WITHOUT INTERIOR WIND



Branch:	LOS ANGELES [072]	Eng. Loc:	BRIDGE DIVISION
Project:	HAKI ROOF ENCLOSURE		
Description:	LOWER ROOF PLAN AND SECTION VIEWS		
Drawn by:	SMT	Date:	06/01/2016
Checked:	PAJ	Date:	12/29/2015
Project Number:	152097	Dwg. No.:	P1-3.1
		Rev. I.P.:	0



**NORTH WALL PLAN VIEW**  
SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)



**SOUTH WALL PLAN VIEW**  
SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)

**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING.

**DURING INSTALLATION**

THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLD MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)

- SYSTEMS SCAFFOLD NOTES:**
1. USER/ERECTOR SHALL READ AND COMPLY WITH THE FOLLOWING: "SAFETY GUIDELINES FOR SAFWAY SYSTEMS SCAFFOLD" ORN 202.
  2. THIS SCAFFOLD LAYOUT WAS DEVELOPED FROM LIMITED INFORMATION AND MAY VARY DUE TO ACTUAL FIELD CONDITIONS. CONTACT SAFWAY ENGINEERING FOR APPROVAL PRIOR TO MODIFYING.
  3. CUSTOMER SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO ERECTING SCAFFOLD.
  4. LEG STACK-UPS MAY VARY DEPENDING UPON ACTUAL FIELD CONDITIONS. ALL LEGS MUST BE BRACED EVERY 7' VERTICALLY IN TWO DIRECTIONS UNLESS OTHERWISE SHOWN.
  5. VERTICAL DIAGONALS, HORIZONTAL DIAGONALS, STAND-OFFS AND TENSION/COMPRESSION TIES SHALL BE INSTALLED AS THE SCAFFOLD IS ERECTED.
  6. SAFWAY WILL PROVIDE A MUD SILL. BASED ON A MAXIMUM LEG LOAD OF 7500 LBS. THE ENGINEER OF RECORD SHALL DETERMINE IF THE EXISTING GRADE CONDITION PROVIDES ADEQUATE BEARING TO SAFELY SUPPORT SAFWAY EQUIPMENT. CONTACT SAFWAY ENGINEERING IF GRADE CONDITIONS ARE INADEQUATE.
  7. THE MAXIMUM ALLOWABLE JACK EXTENSION (TOTAL HEIGHT OF JACK ASSEMBLY) IS 12'.
  8. THE ENGINEER OF RECORD SHALL CHECK AND APPROVE THE ABILITY OF THE EXISTING STRUCTURE TO SAFELY SUPPORT LOADS IMPOSED BY SCAFFOLD.
  9. ALL GENERAL HOUSEKEEPING SHALL BE THE RESPONSIBILITY OF THE CUSTOMER. AT NO TIME SHALL DEBRIS BE ALLOWED TO ACCUMULATE ON ANY DECKING OR SCAFFOLD COMPONENTS.

ORIGINAL P.E. SIGNATURE  
IN BLUE INK



NO.	DATE	BY	CHK	DESCRIPTION
1	11/02/15	SMT		
2	11/02/15	PAJ		
3	12/29/15	PAJ		
4	12/29/15	PAJ		
5	12/29/15	PAJ		
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20	12/29/15	PAJ		

NO.	DATE	BY	CHK	DESCRIPTION
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20	12/29/15	PAJ		

**SAFWAY**  
Safway Services, LLC

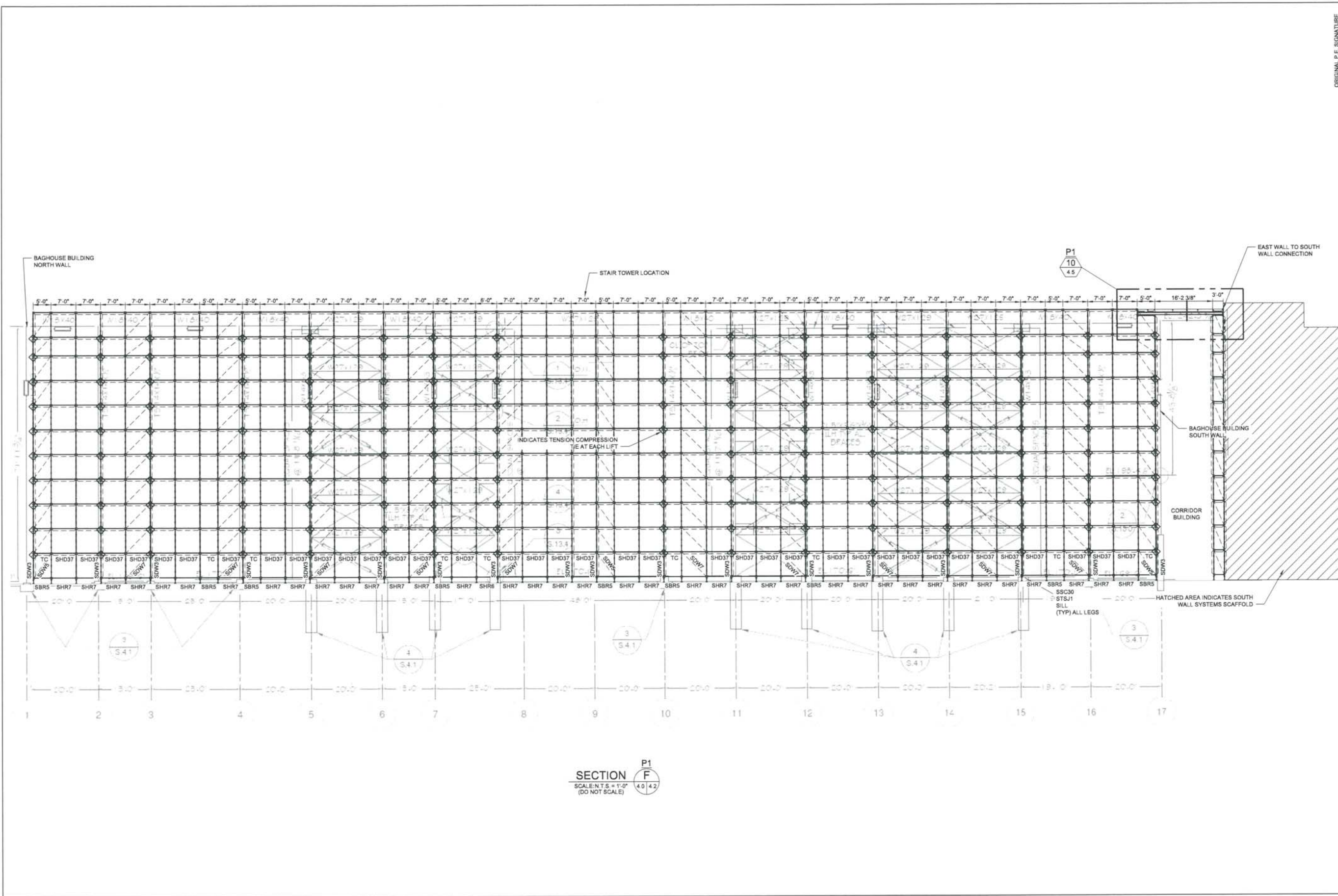
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Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI	Project: HAKI ROOF ENCLOSURE
Description: HAKI ROOF ENCLOSURE	Description: SYSTEMS SCAFFOLD PLAN VIEW
Drawn by: SMT	06/01/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Dwg. No. P1-4.0
Rev. 1.2	Rev. 1.2









SECTION P1  
 SCALE: N.T.S. = 1/4" = 1'-0"  
 (DO NOT SCALE)

ORIGINAL P.E. SIGNATURE  
 IN BLUE INK

REGISTERED PROFESSIONAL ENGINEER  
 THOMAS J. JEROME  
 No. 0051041  
 Exp. 9-30-2018  
 CIVIL  
 STATE OF CALIFORNIA  
 01/04/2017

11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN

11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN	11/02/16	SMT	PN

MADE BY WORKING IN WIND LOADING CRITERIA

ADDED STEERING NOTE TO CARRYING BEAM

REVISED AS REQUIRED

ADDED NOTES & ROOF PINE WATERS

ADDED HATCHED AREA TO SOUTH WALL CHANGES PER S&B THICKNESS

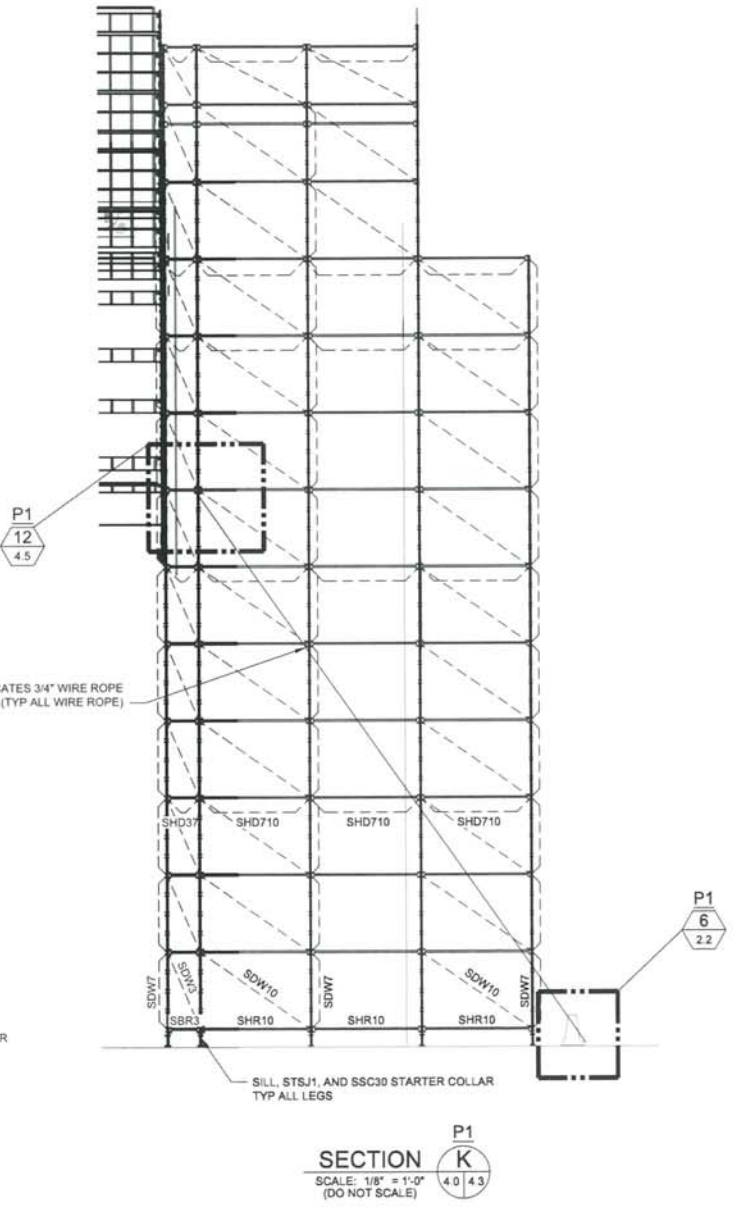
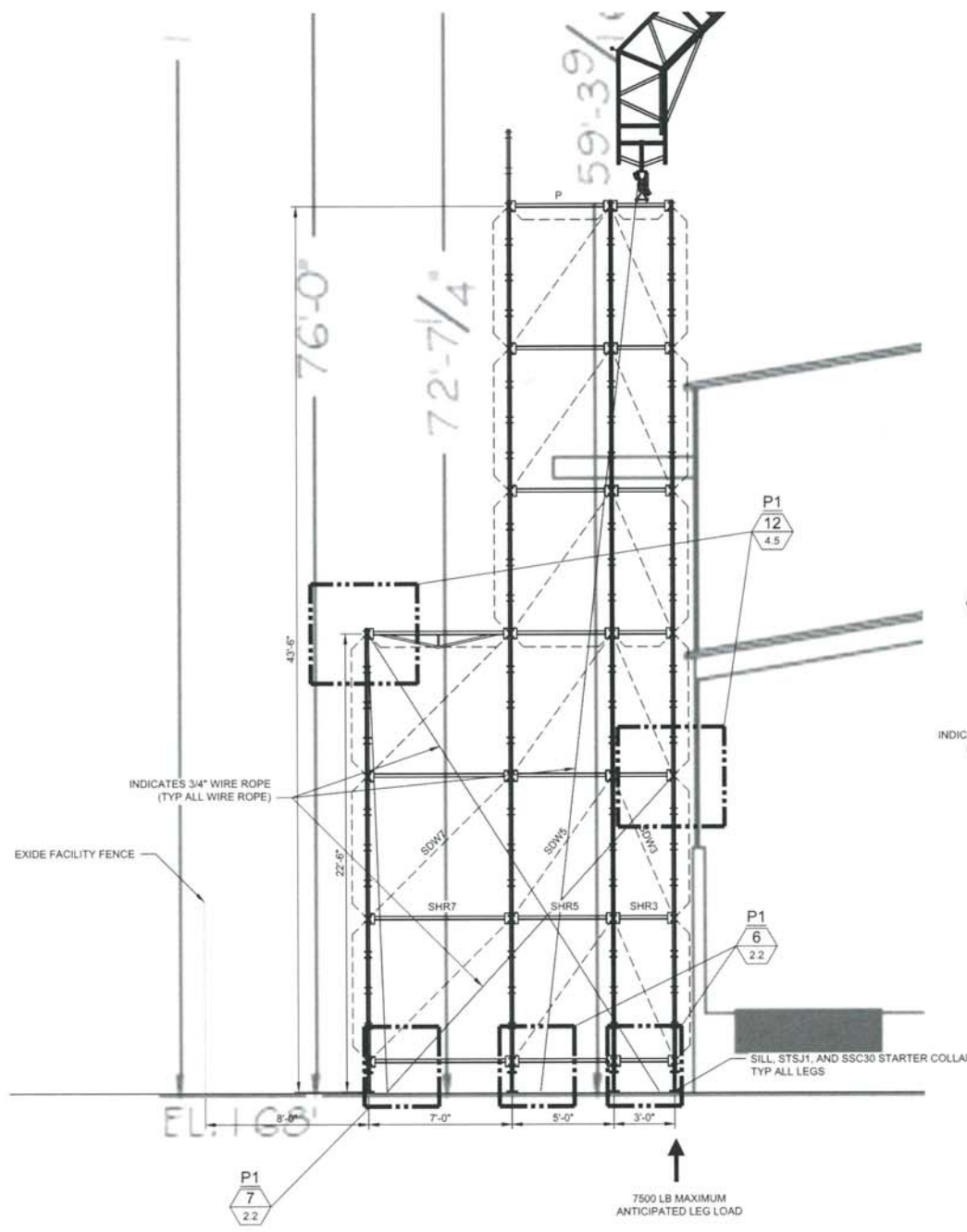
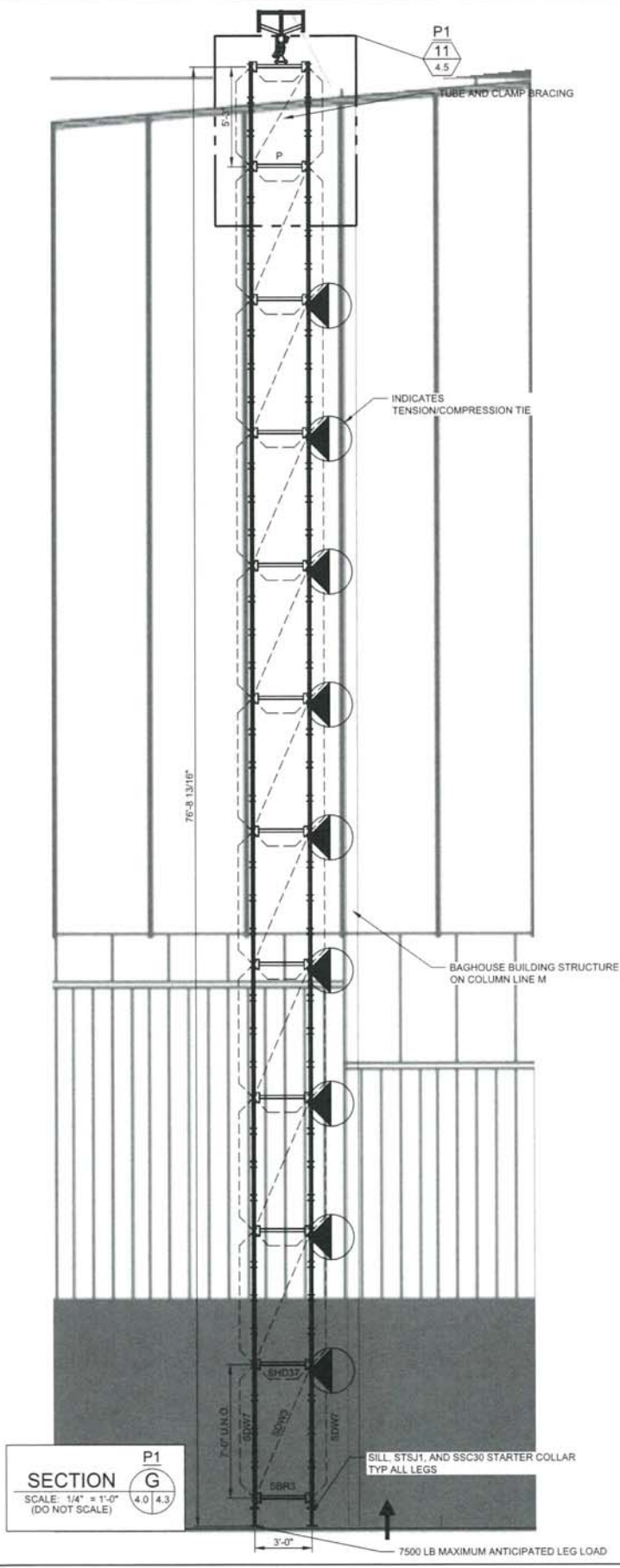
UPDATED WIND LOADING CRITERIA TO BE WITH INTERIOR WIND HOPE

SAFWAY®  
 Safway Services, LLC

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 www.safway.com

Branch:	LOS ANGELES [072]	Expt. Loc.:	BRIDGE DIVISION
Project:	EXIDE HAKI HAKI ROOF ENCLOSURE	Drawn by:	SMT
Description:	EAST WALL SECTION VIEWS	Checked:	PAJ
Contractor:		Project Number:	152097
		Drawn Date:	06/12/16
		Checked Date:	12/29/15
		Project No.:	P1-4.2
		Rev. Ltr.:	0





ORIGINAL P.E. SIGNATURE  
IN BLUE INK

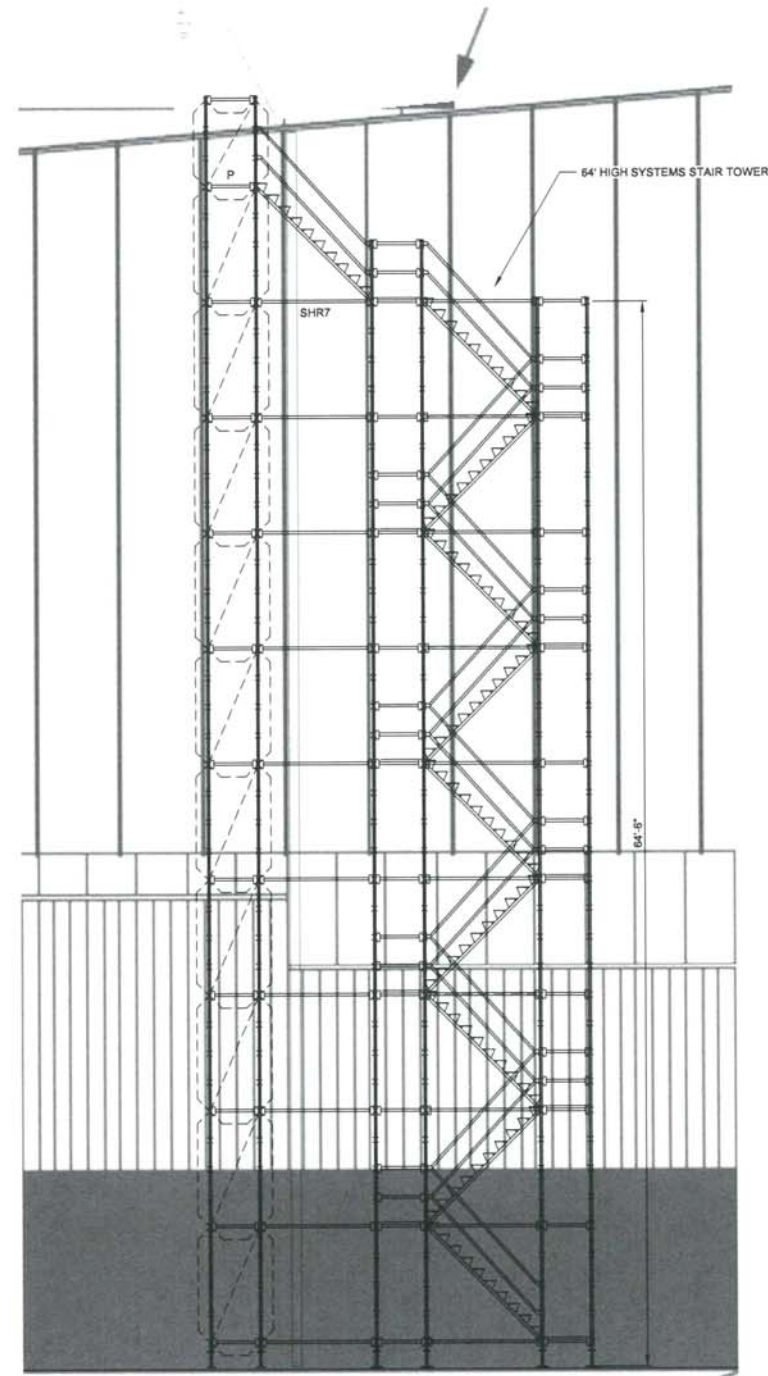


DATE	BY	CHKD.	DESCRIPTION
19/02/18	SMT	PAJ	ADDED STIFFENING NOTE TO CARRYING BEAM
14/02/17	SMT	PAJ	REVISED AS REQUIRED
19/02/18	SMT	PAJ	ADDED INSIDE & INSIDE DIMENSIONS FOR CONSTRUCTION
19/02/18	SMT	PAJ	ADDED INSIDE & INSIDE DIMENSIONS FOR APPROVAL
19/02/18	SMT	PAJ	ADDED INSIDE & INSIDE DIMENSIONS FOR QUOTATION
19/02/18	SMT	PAJ	ADDED INSIDE & INSIDE DIMENSIONS FOR PRELIMINARY
19/02/18	SMT	PAJ	ADDED INSIDE & INSIDE DIMENSIONS FOR CONCEPT DRAWING
19/02/18	SMT	PAJ	ADDED INSIDE & INSIDE DIMENSIONS FOR NOT FOR CONSTRUCTION

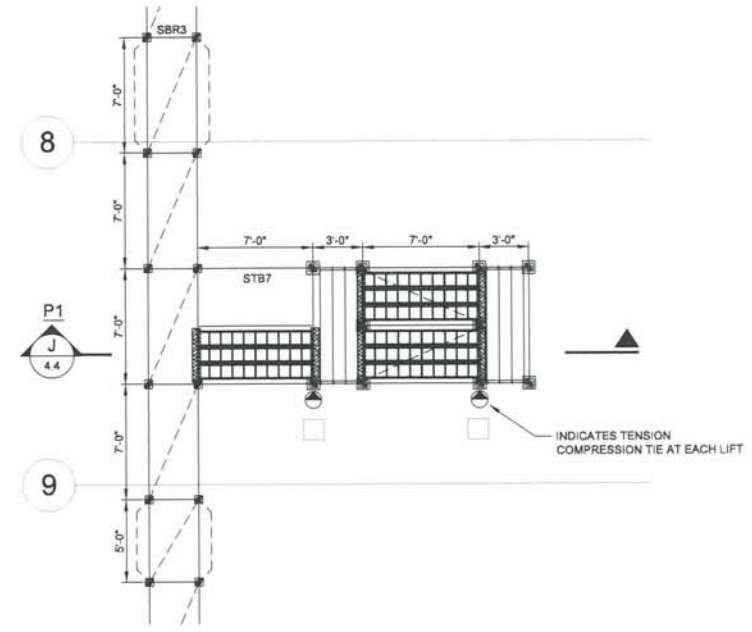
**SAFWAY**  
Safway Services, LLC

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Branch: LOS ANGELES [072]	Edge Loc: BRIDGE DIVISION
Project: EXIDE HAKI	
Description: HAKI ROOF ENCLOSURE	
Contractor: UPPER ROOF WALL SECTION VIEWS	
Drawn by: SMT	06/01/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Rev. No: P1-4.3
	Rev. Lz: O



SECTION P1  
SCALE: 3/16" = 1'-0"  
(DO NOT SCALE)



STAIRS PLAN VIEW  
SCALE: 3/16" = 1'-0"  
(DO NOT SCALE)

**SYSTEMS STAIR TOWER NOTES:**

1. USER/ERECTOR SHALL READ AND COMPLY WITH THE FOLLOWING: "SAFETY GUIDELINES FOR SAFWAY SYSTEMS SCAFFOLD" ORN 202.
2. NO MORE THAN 36 WORKERS ALLOWED ON THIS STAIR TOWER AT ANY ONE TIME TO BE EVENLY DISTRIBUTED THROUGHOUT THE HEIGHT OF THE TOWER WITH NOT MORE THAN TWO MEN ON EACH FLIGHT AT ONE TIME.
3. SIGNS MUST BE POSTED AT ENTRANCE AND EXIT OF TOWER ADVISING USER OF THE MAXIMUM NUMBER OF WORKERS ALLOWED ON THE TOWER.
4. STAIR TOWER SHALL BE LATERALLY RESTRAINED AT HEIGHT INTERVALS NOT EXCEEDING 21'-0" VERTICALLY. RESTRAINTS SHALL OCCUR WHERE HORIZONTAL MEMBERS MEET THE VERTICAL LEG AND NOT BETWEEN. RESTRAINTS SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND INSTALLED AS SCAFFOLD IS ERECTED.
5. VERTICAL DIAGONALS, HORIZONTAL DIAGONALS, STAND-OFFS AND TENSION/COMPRESSION TIES SHALL BE INSTALLED AS THE SCAFFOLD IS ERECTED.
6. ALL OPEN ENDS OF STAIR LANDINGS MUST BE PROTECTED WITH GUARDRAIL.
7. SAFWAY WILL PROVIDE A MUD SILL BASED ON A MAXIMUM LEG LOAD OF 4000 LBS. THE ENGINEER OF RECORD SHALL DETERMINE IF THE EXISTING GRADE CONDITION PROVIDES ADEQUATE BEARING TO SAFELY SUPPORT SAFWAY EQUIPMENT. CONTACT SAFWAY ENGINEERING IF GRADE CONDITIONS ARE INADEQUATE.
8. ACCESS TO AND FROM THIS STAIR TOWER SHALL MEET AND COMPLY WITH ALL APPLICABLE STATE AND FEDERAL OSHA REGULATIONS AND LOCAL CODES.
9. CUSTOMER SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO ERECTING SCAFFOLD.
10. THE ENGINEER OF RECORD SHALL CHECK AND APPROVE THE ABILITY OF THE EXISTING STRUCTURE TO SAFELY SUPPORT LOADS IMPOSED BY STAIR TOWER.
11. STAIR TOWER IS NOT DESIGNED FOR WIND ENCLOSURE. CONTACT SAFWAY ENGINEERING PRIOR TO ERECTION IF WIND ENCLOSURE IS REQUIRED.
12. THIS STAIR UNIT IS INTENDED TO PROVIDE TEMPORARY ACCESS TO THE SCAFFOLD AS REQUIRED IN OSHA REGULATION 29 CFR 1926.451(E)(4).

ORIGINAL P.E. SIGNATURE  
IN BLUE INK



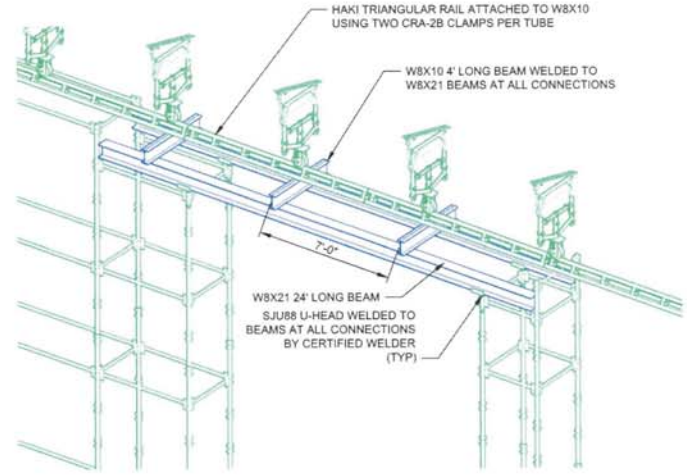
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16/02/17	SMT	PN	FOR APPROVAL
17/02/18	SMT	PN	FOR QUOTATION
18/02/19	SMT	PN	PRELIMINARY...
19/02/20	SMT	PN	CONCEPT DRAWING
20/02/21	SMT	PN	NOT FOR CONST.

Rev	Description
1	ADDED WORKING DRAWING LOADING CRITERIA
2	ADDED ESTIMATING NOTE TO CARRYING BEAM
3	REVISED AS REQUIRED
4	ADDED NOTES TO CHECK FOR BRACE
5	ADDED NOTES TO CHECK FOR BRACE
6	ADDED NOTES TO CHECK FOR BRACE
7	ADDED NOTES TO CHECK FOR BRACE
8	ADDED NOTES TO CHECK FOR BRACE
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48	ADDED NOTES TO CHECK FOR BRACE
49	ADDED NOTES TO CHECK FOR BRACE
50	ADDED NOTES TO CHECK FOR BRACE

**SAFWAY**  
Safway Services, LLC  
www.safway.com

Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI	Project: HAKI ROOF ENCLOSURE
Project: SYSTEMS STAIR TOWER	Project: PLAN AND SECTION VIEWS
Drawn by: SMT	Date: 06/01/2016
Checked: PAJ	Date: 12/29/2015
Project Number: 152097	Dwg. No: P1-4.4
Rev. L: O	Rev. L: O



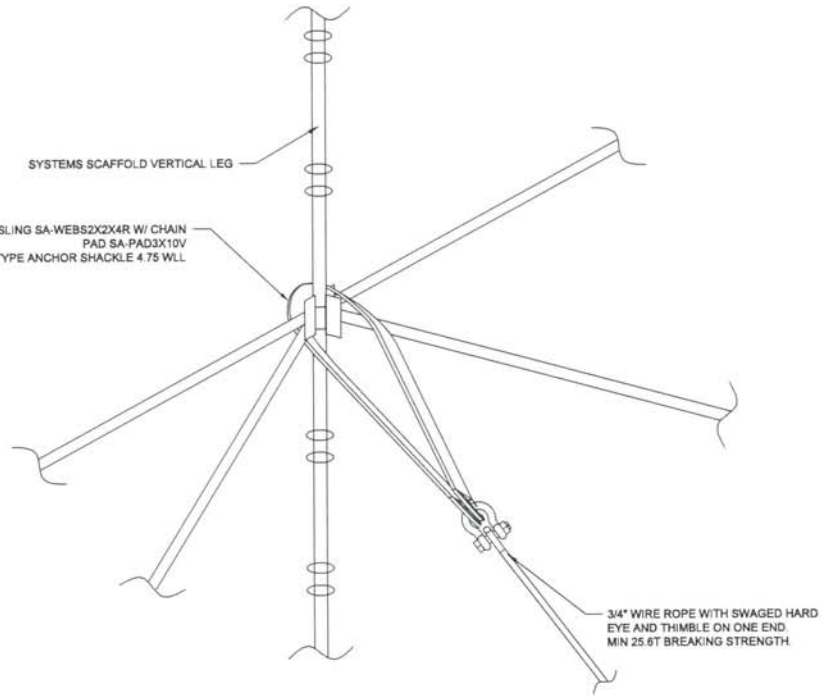


HAKI FRAMING AND SYSTEMS BRACING NOT SHOWN FOR CLARITY

DETAIL 10

SCALE: N.T.S. = 1'-0" (DO NOT SCALE)

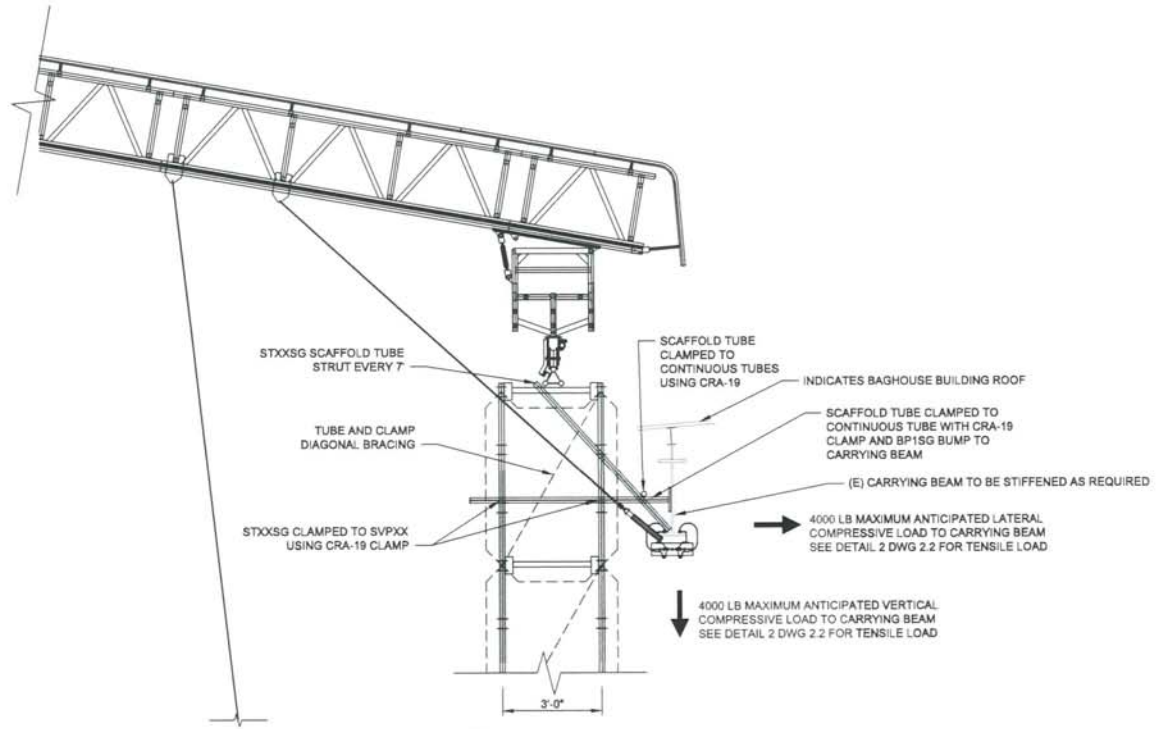
P1 4.2 4.5



DETAIL 12

SCALE: N.T.S. = 1'-0" (DO NOT SCALE)

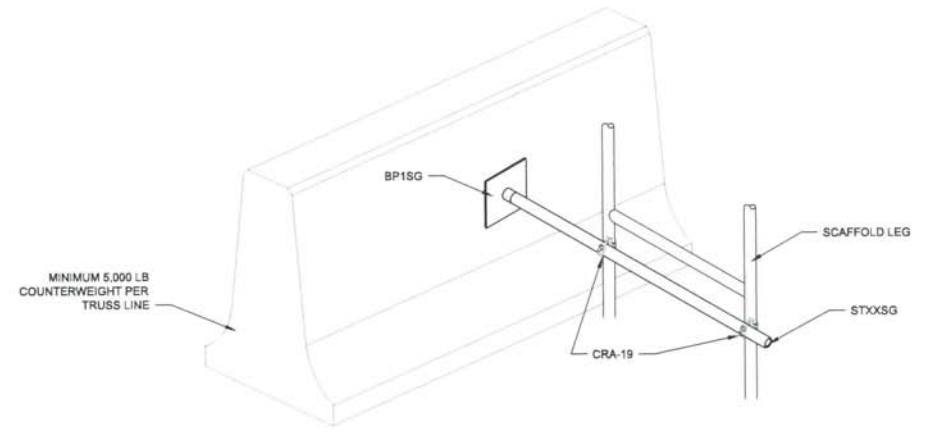
P1 ALL 4.5



DETAIL 11

SCALE: N.T.S. = 1'-0" (DO NOT SCALE)

P1 4.3 4.5



DETAIL 13

SCALE: N.T.S. = 1'-0" (DO NOT SCALE)

P1 3.0 4.5

ORIGINAL P. E. SIGNATURE IN BLUE INK



1/10/2016	PAJ	PAJ	PAJ	PAJ	PAJ	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ

1/10/2016	PAJ	PAJ	PAJ	PAJ	PAJ	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
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1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
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1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ
1/10/2016	SMT	SMT	SMT	SMT	SMT	TM	CHZ

MADE TO WORK IN WIND LOADING CRITERIA

ADDED STIFFENING NOTE TO CARRYING BEAM

REVISED AS REQUIRED

ADDED NOTES A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

ADDED AND CHANGED DETAIL 1 AND CHANGED PER BEAM THICKNESS

UPDATED WIND LOADING CRITERIA TO BEAM WITHOUT INTERIOR PIPE HOPE

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Branch: LOS ANGELES [072]	Eng Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	
Description: SYSTEMS SCAFFOLD DETAILS	
Contractor:	
Drawn by: SMT	06/01/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Dwg. No. P1-4.5
Rev. Lt.:	0







**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

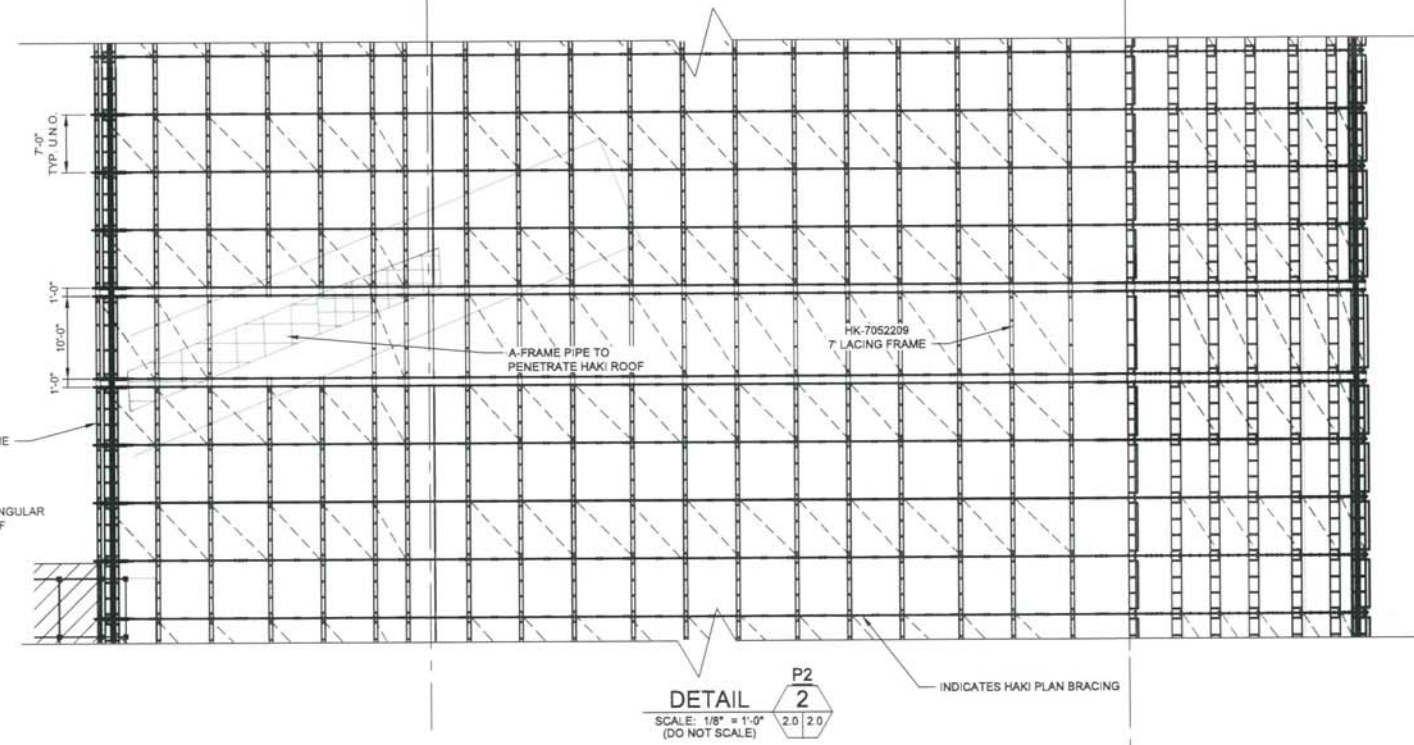
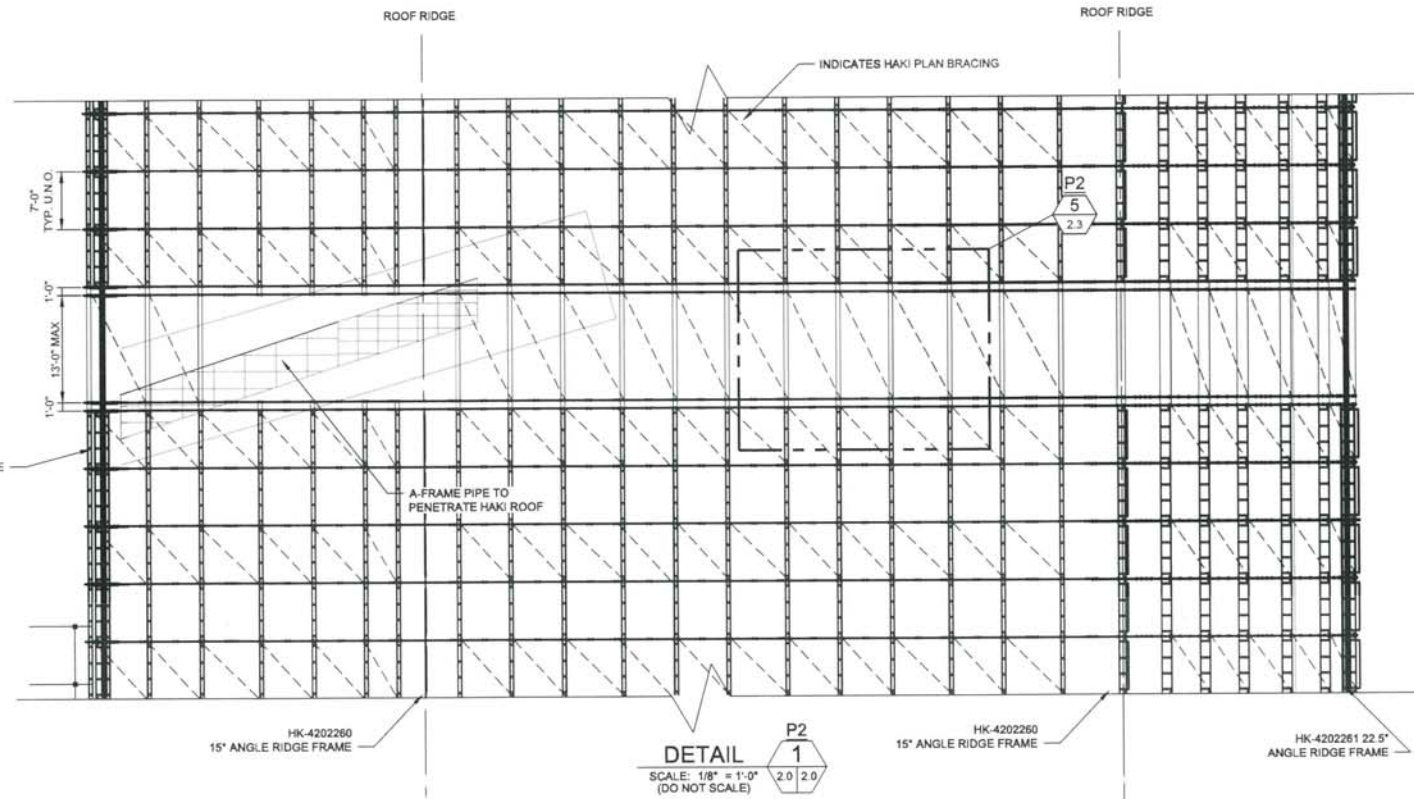
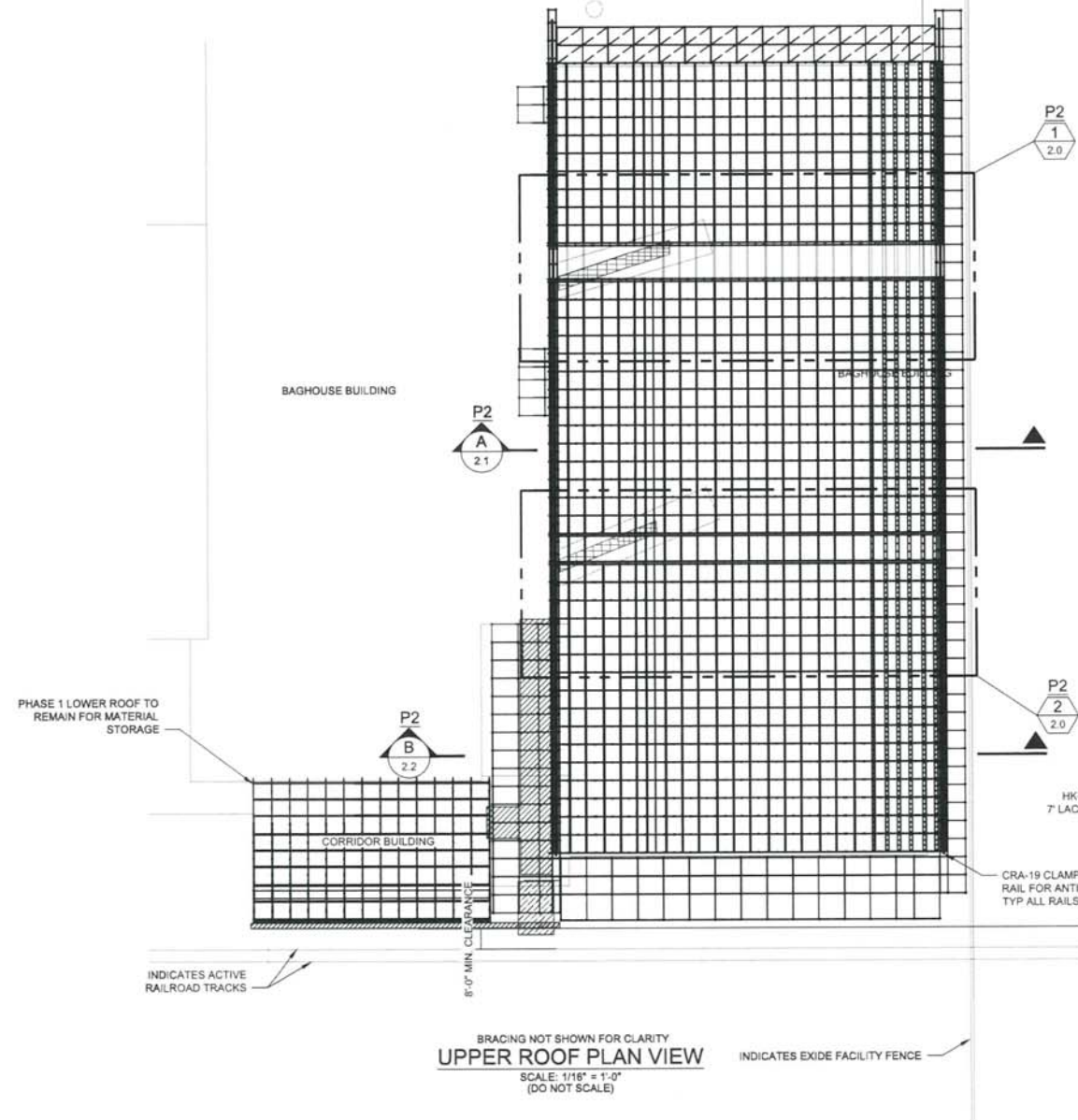
THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING

**DURING INSTALLATION**

THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLDING MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)



ORIGINAL P.E. SIGNATURE IN BLUE INK



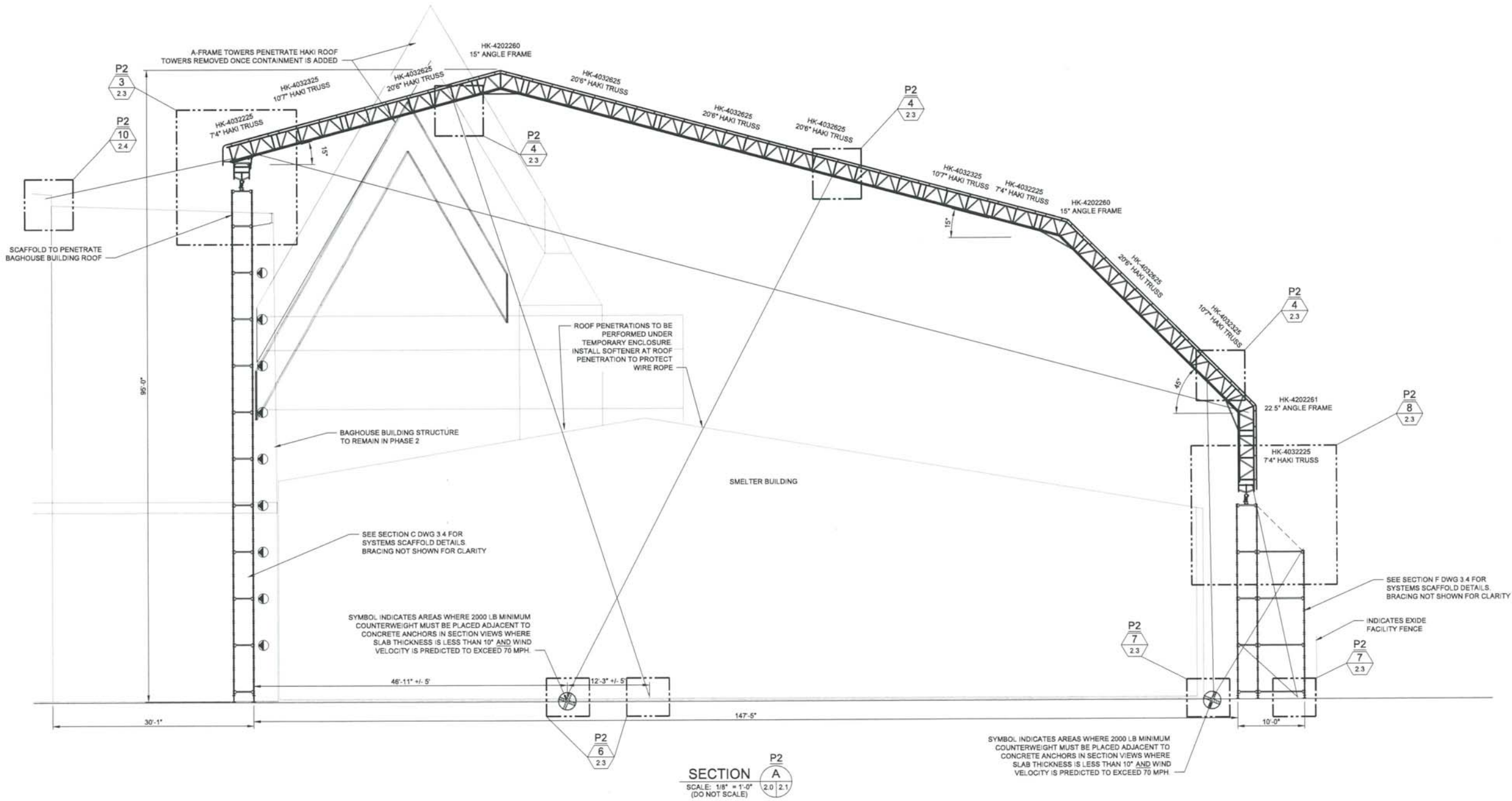
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06/24/2016	SMT	FOR CONSTRUCTION
12/29/2015	PAJ	FOR APPROVAL
12/29/2015	PAJ	PRELIMINARY
01/04/2017	PAJ	CONCEPT DRAWING
		NOT FOR CONST.

Rev	Date	Description
1	12/29/2015	FOR QUOTATION
2	06/24/2016	FOR CONSTRUCTION
3	12/29/2015	FOR APPROVAL
4	12/29/2015	PRELIMINARY
5	01/04/2017	CONCEPT DRAWING

**SAFWAY**  
Safway Services, LLC

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Branch:	LOS ANGELES [072]	Engr Loc:	BRIDGE DIVISION
Project:	EXIDE HAKI HAKI ROOF ENCLOSURE		
Description:	SMELTER ROOF PLAN VIEW		
Contributor:			
Drawn by:	SMT	Date:	06/24/2016
Checked:	PAJ	Date:	12/29/2015
Project Number:	152097	Dwg. No.:	P2-2.0
Rev. Ltr.:		Rev. Ltr.:	G



**SECTION A**  
 SCALE: 1/8" = 1'-0"  
 (DO NOT SCALE)

ORIGINAL P.E. SIGNATURE  
 IN BLUE INK

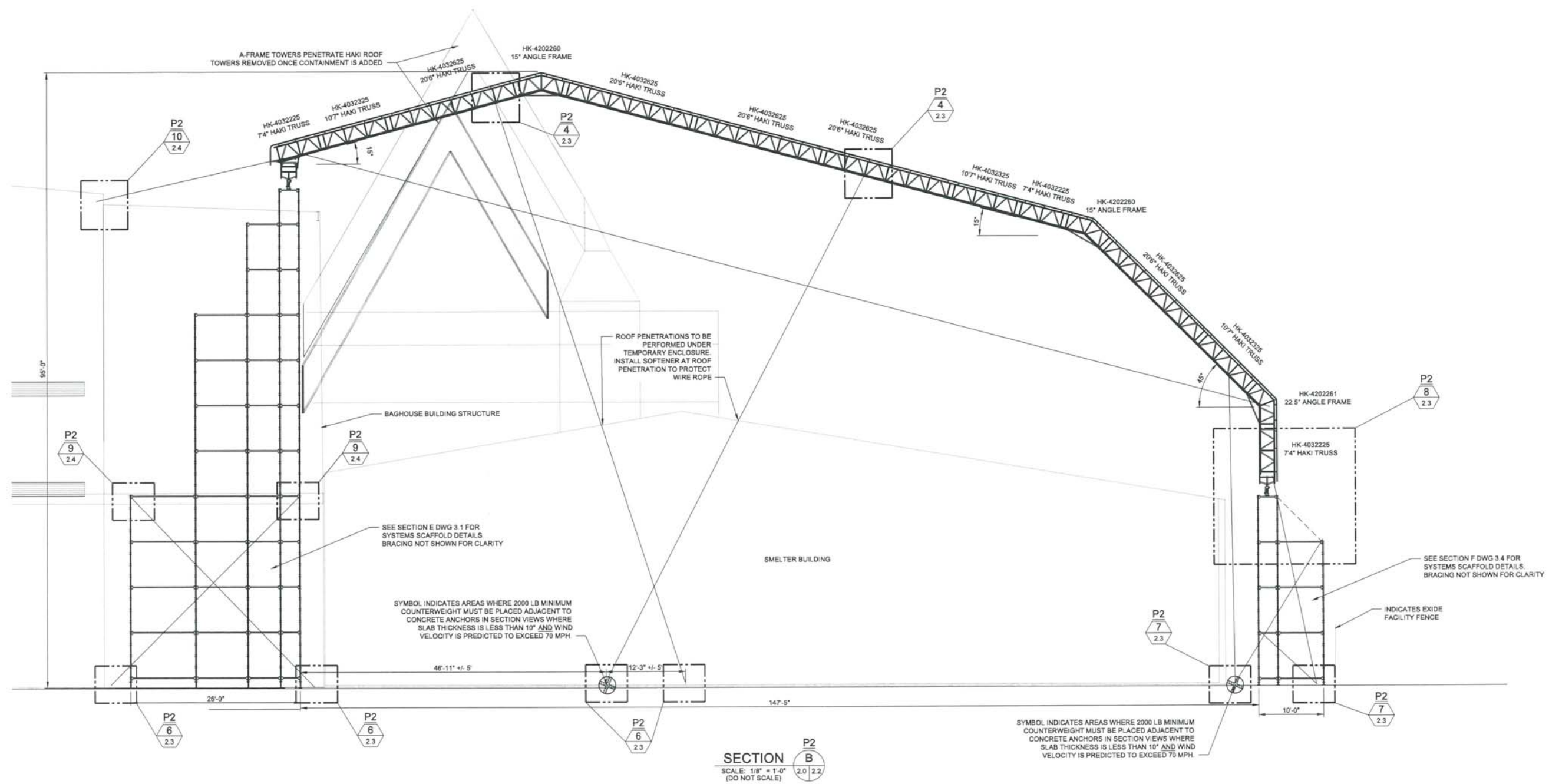


NO.	DATE	BY	CHKD	DESCRIPTION
1	12/29/16	SMT	PAJ	ISSUED FOR CONSTRUCTION
2	11/29/16	SMT	PAJ	FOR APPROVAL
3	11/29/16	SMT	PAJ	FOR QUOTATION
4	10/27/16	SMT	PAJ	PRELIMINARY
5	10/27/16	SMT	PAJ	CONCEPT DRAWING
6	10/27/16	SMT	PAJ	NOT FOR CONST.

**SAFWAY**  
 Safway Services, LLC

Branch: LOS ANGELES (072)	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	
Description: SMELTER ROOF SECTION VIEW	
Contributor:	
Drawn by: SMT	06/24/2016
Checked: PAJ	12/29/2016
Project Number: 152097	Dwg. No: P2-2.1
	Rev. Ltr: G





**SECTION B**  
 SCALE: 1/8" = 1'-0"  
 (DO NOT SCALE)

ORIGINAL P.E. SIGNATURE  
 IN BLUE INK



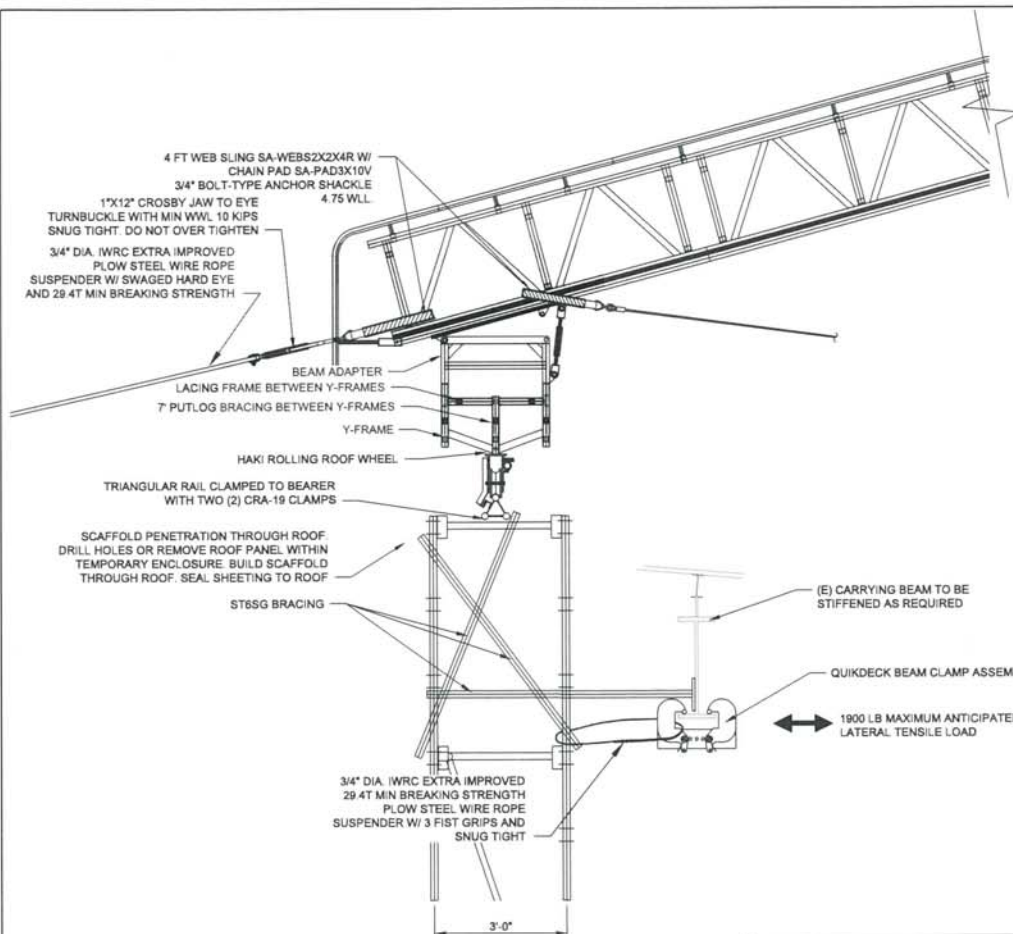
AS-BUILT	FOR CONSTRUCTION	FOR APPROVAL	FOR QUOTATION	PRELIMINARY	CONCEPT DRAWING	NOT FOR CONST.
X						

NO.	DATE	BY	CHK.
152097	12/29/2015	PAJ	
	11/16/2016	SMT	
	1/4/2017	SMT	
	1/26/2018	SMT	

NO.	DATE	BY	CHK.	DESCRIPTION
1				ADDED NOTES & REVISED PER COMMENTS
2				ADDED WIND LOADS TO BEAD TRUSS
3				REMOVED QUANTITY CHANGE
4				UPDATED WIND LOADS (REFER TO SMT WITHOUT INTERFERING ROPE)
5				ADDED EFFICIENCY NOTE TO CARRYING BEAM
6				REVISED AS REQUIRED



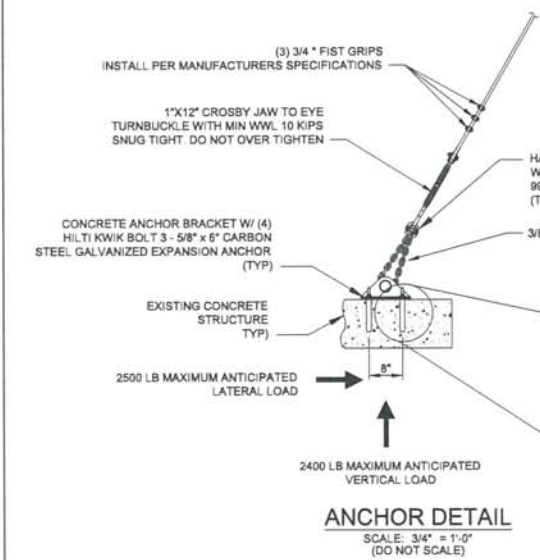
Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	
Description: SMELTER ROOF SECTION VIEW	
Contractor:	
Drawn by: SMT	06/24/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Dwg. No: P2.2.2
	Rev. L: G



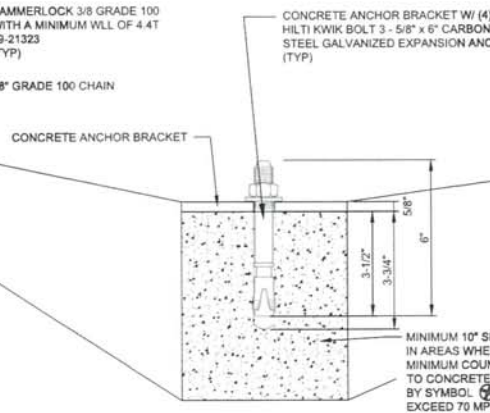
**DETAIL 3**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)

CONCRETE ANCHOR BRACKETS SHALL BE INSTALLED AS ROOF IS INSTALLED. WIRE ROPE SHALL BE SECURED TO ANCHOR BRACKETS IN ACCORDANCE WITH THE WIND LOADING CRITERIA. ANCHOR BRACKETS INTERIOR TO THE CONTAINED AREAS SHALL BE PROPERLY SEALED FROM WATER PENETRATION

INSTALLATION OF HILTI FASTENERS IS TO BE COMPLETED BY TRAINED INDIVIDUALS ONLY. IT IS RECOMMENDED THAT A HILTI REPRESENTATIVE BE ON-SITE TO TRAIN AND ASSIST DURING THE INSTALLATION.



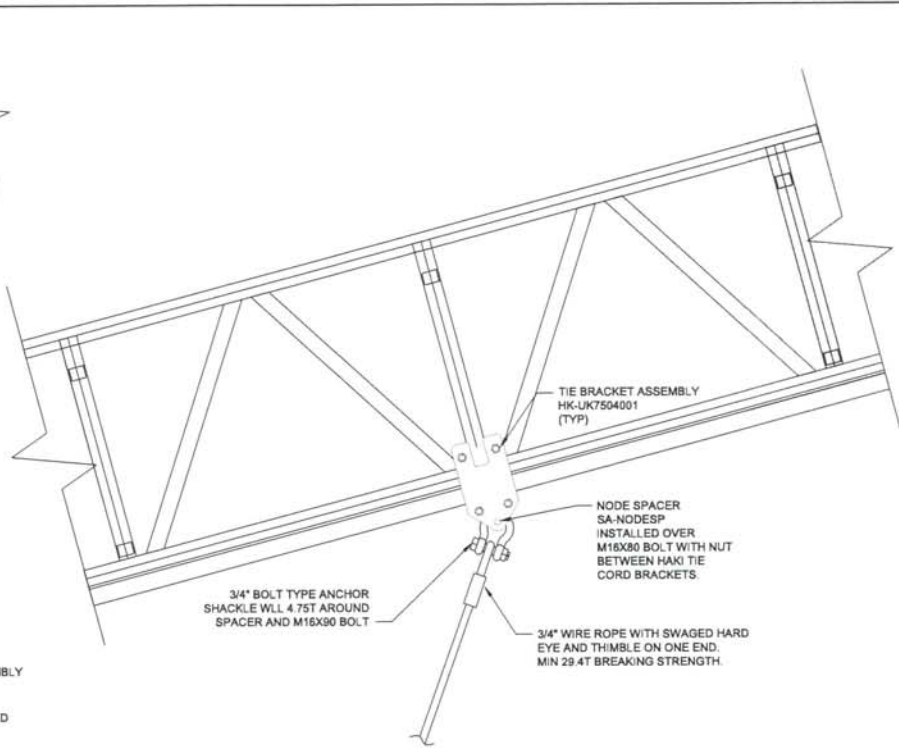
**DETAIL 6**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)



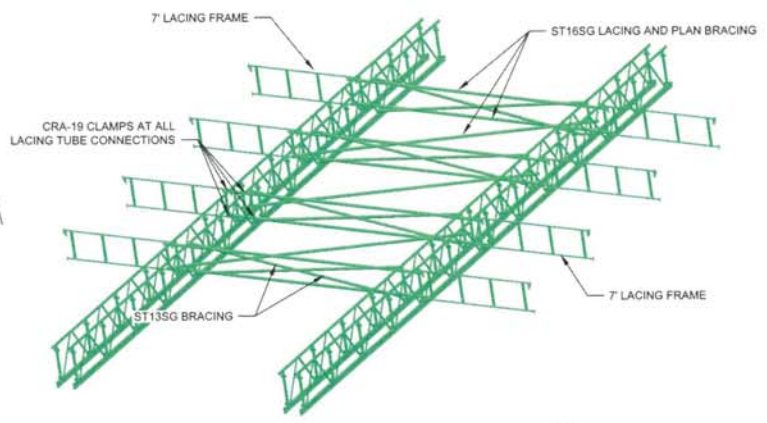
**DETAIL 8**  
SCALE: N.T.S. = 1'-0"  
(DO NOT SCALE)

NOTE: CONCRETE ANCHOR(S) SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTION AND RECOMMENDATION. AVOID REBAR WHEN DRILLING FOR ANCHOR. IF CONTACT WITH REBAR IS MADE, RELOCATE ANCHOR IN ACCORDANCE WITH UNIVERSAL CONCRETE ANCHOR INSTALLATION GUIDELINES.

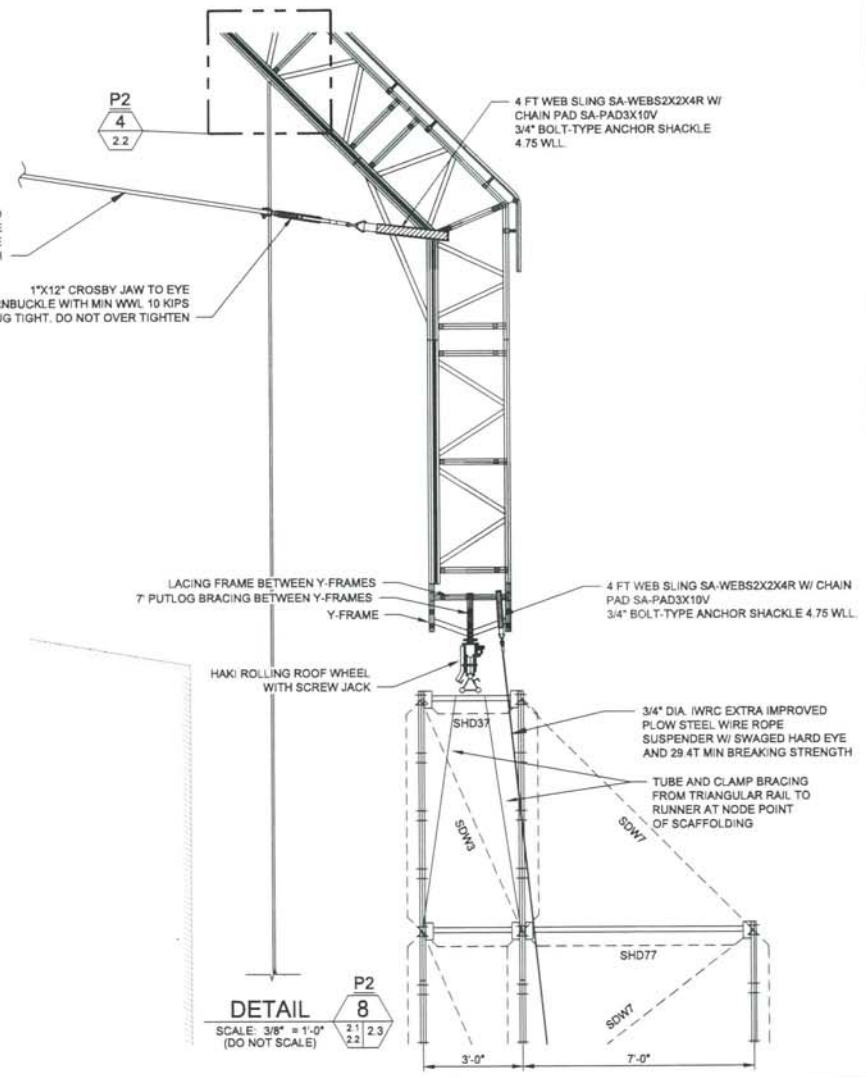
**DETAIL 7**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)



**DETAIL 4**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)



**DETAIL 5**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)



**DETAIL 8**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)

ORIGINAL P.E. SIGNATURE IN BLUE INK



NO. OF SHEETS IN PROJECT	NO. OF SHEETS USED	DATE	BY	CHKD.
15	15	11/20/15	SMT	

DATE	BY	CHKD.
11/20/15	SMT	
11/20/15	SMT	
11/20/15	SMT	
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11/20/15	SMT	
11/20/15	SMT	

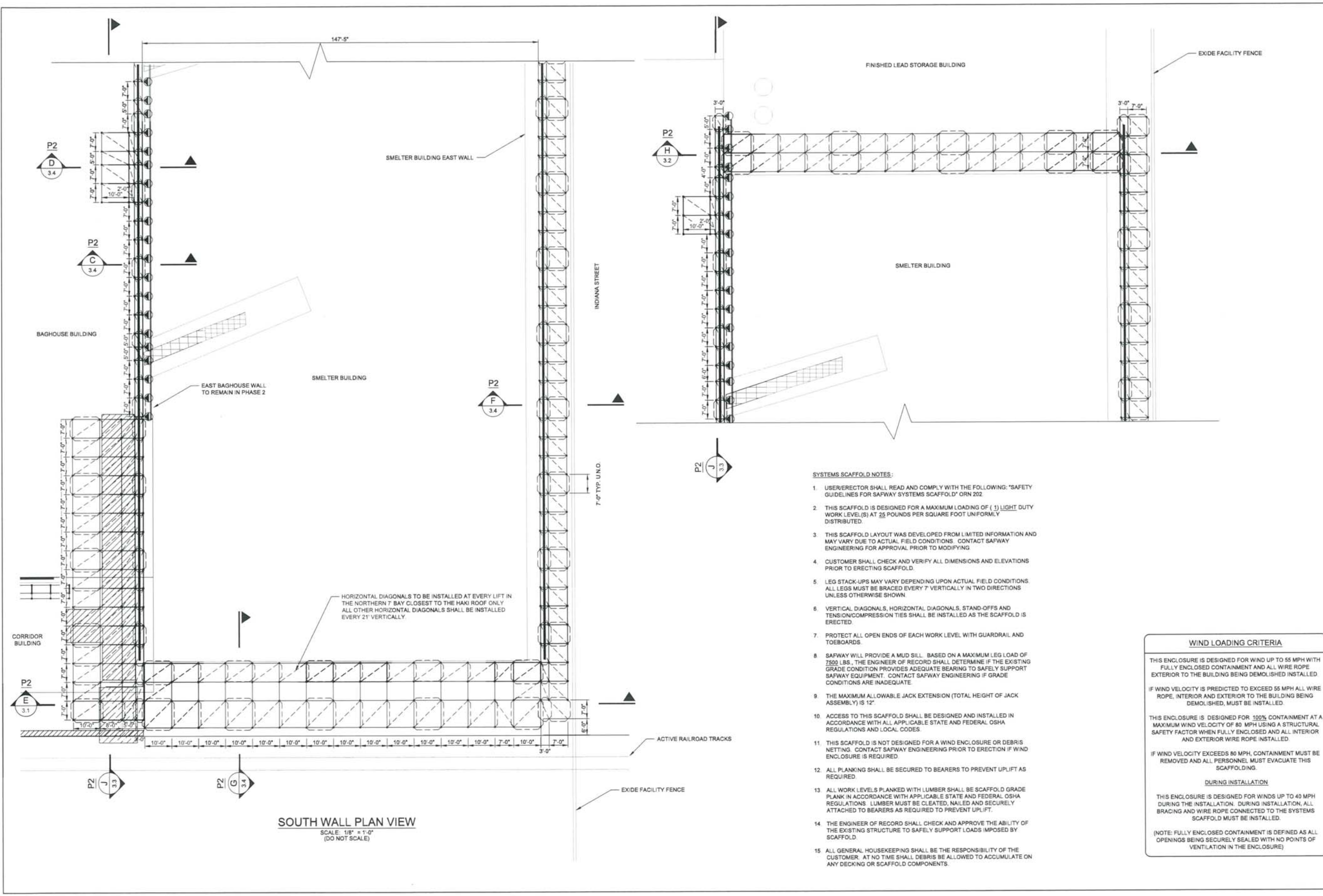
NO.	DATE	DESCRIPTION
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2	11/20/15	FOR APPROVAL
3	11/20/15	FOR QUOTATION
4	11/20/15	PRELIMINARY
5	11/20/15	CONCEPT DRAWING
6	11/20/15	NOT FOR CONST.



Branch: LOS ANGELES (072)	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	SMELTER ROOF DETAILS
Drawn by: SMT	06/24/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Dwg. No. P2-2.3
Rev. L.F.	G







**SOUTH WALL PLAN VIEW**  
SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)

- SYSTEMS SCAFFOLD NOTES:**
1. USER/ERECTOR SHALL READ AND COMPLY WITH THE FOLLOWING: 'SAFETY GUIDELINES FOR SAFWAY SYSTEMS SCAFFOLD' ORN 202.
  2. THIS SCAFFOLD IS DESIGNED FOR A MAXIMUM LOADING OF ( 1 ) LIGHT DUTY WORK LEVEL(S) AT 25 POUNDS PER SQUARE FOOT UNIFORMLY DISTRIBUTED.
  3. THIS SCAFFOLD LAYOUT WAS DEVELOPED FROM LIMITED INFORMATION AND MAY VARY DUE TO ACTUAL FIELD CONDITIONS. CONTACT SAFWAY ENGINEERING FOR APPROVAL PRIOR TO MODIFYING.
  4. CUSTOMER SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO ERECTING SCAFFOLD.
  5. LEG STACK-UPS MAY VARY DEPENDING UPON ACTUAL FIELD CONDITIONS. ALL LEGS MUST BE BRACED EVERY 7' VERTICALLY IN TWO DIRECTIONS UNLESS OTHERWISE SHOWN.
  6. VERTICAL DIAGONALS, HORIZONTAL DIAGONALS, STAND-OFFS AND TENSION/COMPRESSION TIES SHALL BE INSTALLED AS THE SCAFFOLD IS ERECTED.
  7. PROTECT ALL OPEN ENDS OF EACH WORK LEVEL WITH GUARDRAIL AND TOEBOARDS.
  8. SAFWAY WILL PROVIDE A MUD SILL. BASED ON A MAXIMUM LEG LOAD OF 7500 LBS., THE ENGINEER OF RECORD SHALL DETERMINE IF THE EXISTING GRADE CONDITION PROVIDES ADEQUATE BEARINGS TO SAFELY SUPPORT SAFWAY EQUIPMENT. CONTACT SAFWAY ENGINEERING IF GRADE CONDITIONS ARE INADEQUATE.
  9. THE MAXIMUM ALLOWABLE JACK EXTENSION (TOTAL HEIGHT OF JACK ASSEMBLY) IS 12'.
  10. ACCESS TO THIS SCAFFOLD SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND FEDERAL OSHA REGULATIONS AND LOCAL CODES.
  11. THIS SCAFFOLD IS NOT DESIGNED FOR A WIND ENCLOSURE OR DEBRIS NETTING. CONTACT SAFWAY ENGINEERING PRIOR TO ERECTION IF WIND ENCLOSURE IS REQUIRED.
  12. ALL PLANKING SHALL BE SECURED TO BEARERS TO PREVENT UPLIFT AS REQUIRED.
  13. ALL WORK LEVELS PLANKED WITH LUMBER SHALL BE SCAFFOLD GRADE PLANK IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL OSHA REGULATIONS. LUMBER MUST BE CLEATED, NAILED AND SECURELY ATTACHED TO BEARERS AS REQUIRED TO PREVENT UPLIFT.
  14. THE ENGINEER OF RECORD SHALL CHECK AND APPROVE THE ABILITY OF THE EXISTING STRUCTURE TO SAFELY SUPPORT LOADS IMPOSED BY SCAFFOLD.
  15. ALL GENERAL HOUSEKEEPING SHALL BE THE RESPONSIBILITY OF THE CUSTOMER. AT NO TIME SHALL DEBRIS BE ALLOWED TO ACCUMULATE ON ANY DECKING OR SCAFFOLD COMPONENTS.

**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING.

**DURING INSTALLATION**

THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLD MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)

ORIGINAL P.E. SIGNATURE  
IN BLUE INK

REGISTERED PROFESSIONAL ENGINEER  
JEROME J. HAYES  
No. 0051041  
Exp. 9-30-2017  
CIVIL  
STATE OF CALIFORNIA  
01/04/2017

DATE	BY	CHKD.	DESCRIPTION
12/22/15	SMT	PAJ	
1/13/2016	SMT	PAJ	
1/19/2016	SMT	TM	
1/20/17	SMT	PAJ	
12/22/15	SMT	PAJ	

REVISION	DATE	DESCRIPTION
1		ADDED HAZARDOUS MATERIALS TO ROOF PENETRATIONS
2		ADDED HAZARDOUS MATERIALS TO ROOF PENETRATIONS
3		REMOVED GUNITE CURB
4		UPDATED WIND LOADING CRITERIA TO 55 MPH WITH INTERIOR WIRE ROPE
5		ADDED STIFFENING RIBS TO CARRYING BEAM
6		REVISED AS REQUIRED

**SAFWAY**  
Safway Services, LLC

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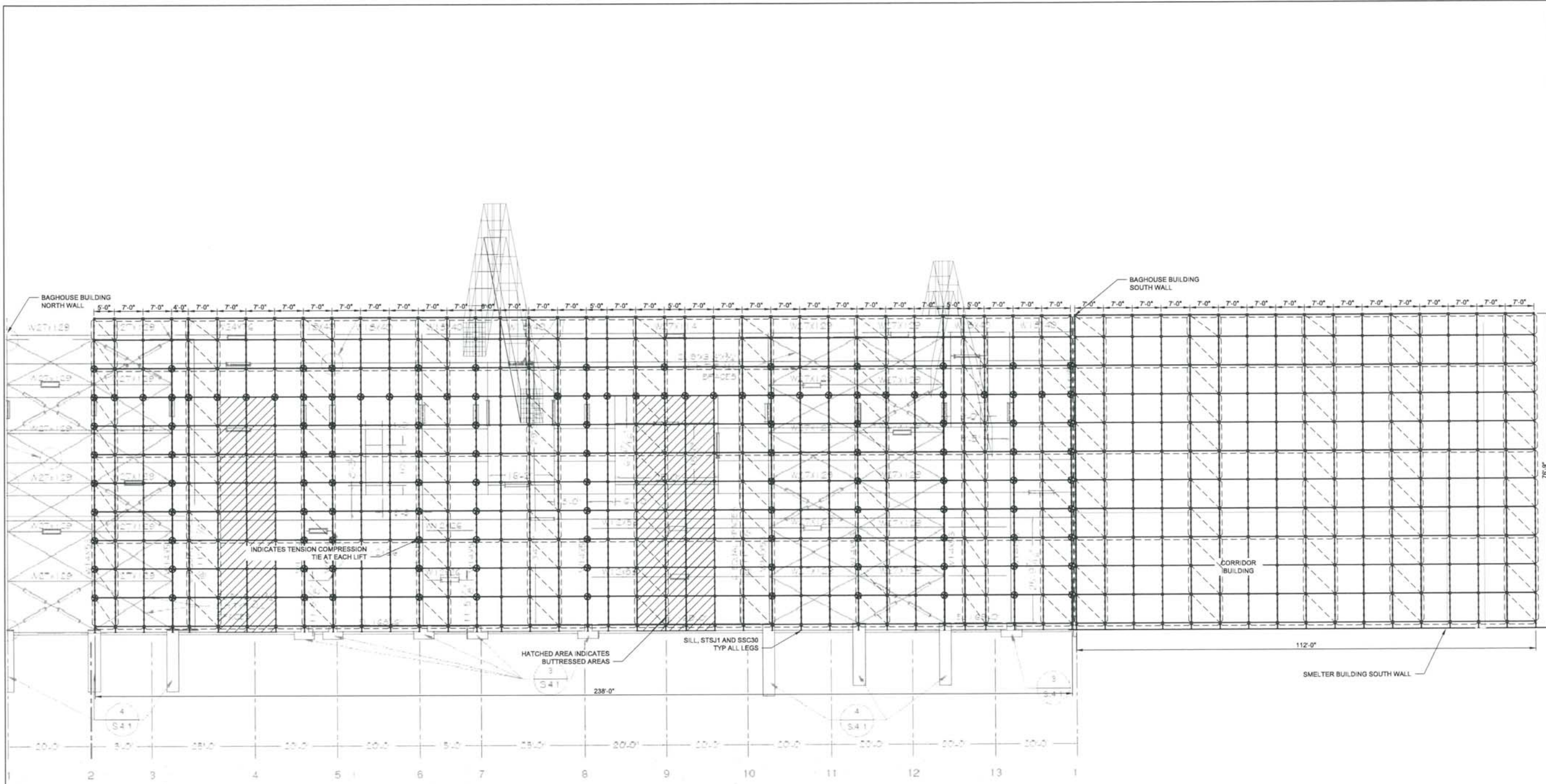
Branch	LOS ANGELES [072]
Exp. Loc.	BRIDGE DIVISION
Project	EXIDE HAKI HAKI ROOF ENCLOSURE
Description	SYSTEMS SCAFFOLD PLAN VIEW
Contractor	
Drawn by	SMT
Checked	PAJ
Project Number	152097
Dwg. No.	P2-3.0
Rev. L.	G
Date	06/24/2016
	12/29/2015











SECTION P2  
 SCALE: T.S. = 1'-0" / 3.0 / 3.3  
 (DO NOT SCALE)

NOTE: SEE BRACED DETAILS OF S.I.S. 4.  
 NOTE: ELEVATIONS ARE TO T.O. BEAM AND

ORIGINAL P.E. SIGNATURE  
 IN BLUE INK



152097	10/20/15	PAJ	12/29/2015
152097	10/20/15	SMT	06/24/2016

152097	10/20/15	PAJ	12/29/2015
152097	10/20/15	SMT	06/24/2016

152097	10/20/15	PAJ	12/29/2015
152097	10/20/15	SMT	06/24/2016

152097	10/20/15	PAJ	12/29/2015
152097	10/20/15	SMT	06/24/2016

**SAFWAY.**  
 Safway Services, LLC

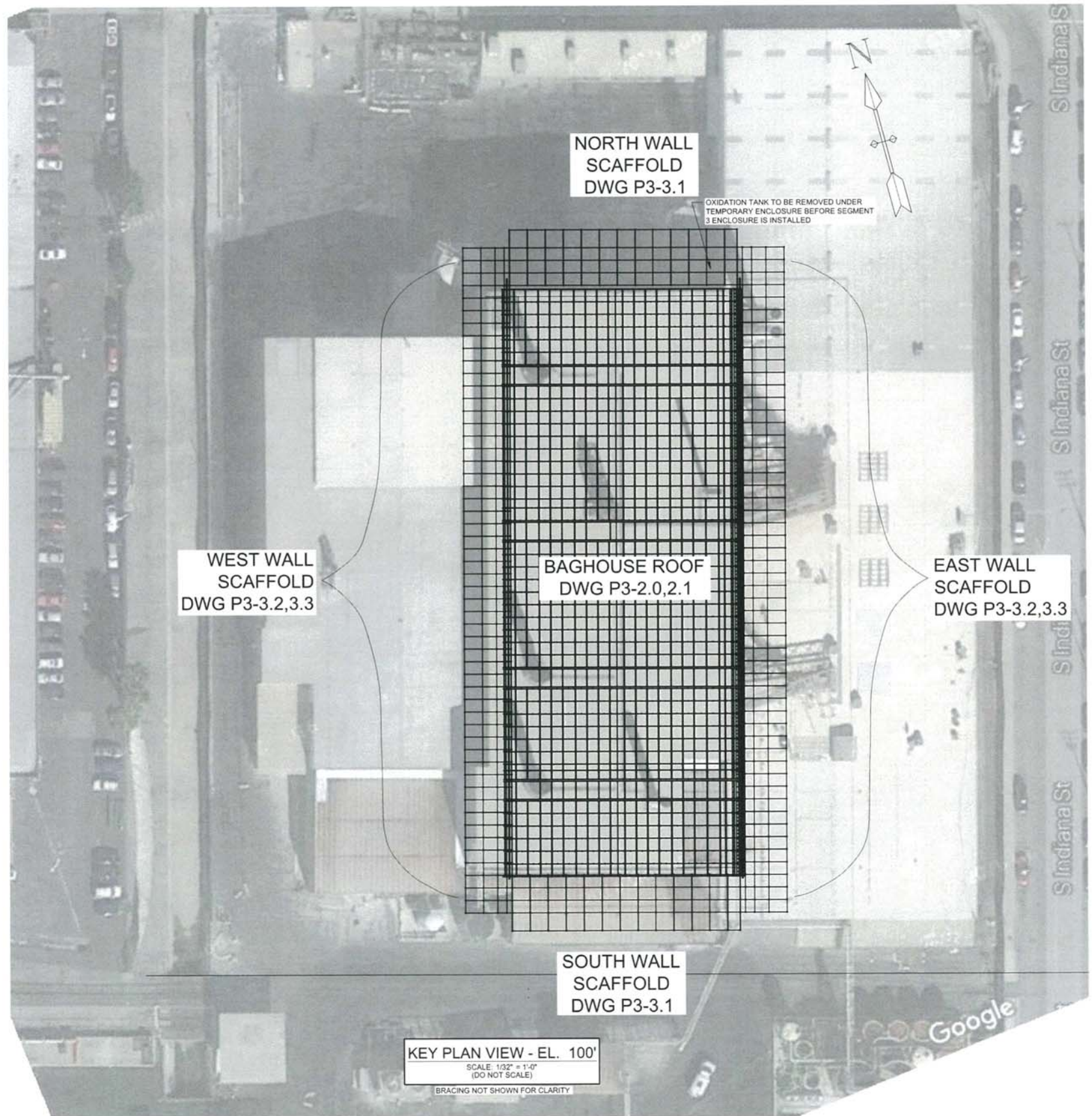
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 www.safway.com

Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	Drawn by: SMT
Description: WEST WALL SECTION VIEW	Checked: PAJ
Contractor:	Project Number: 152097
	Dwg. No. P2-3.3
	Rev. 1: G









**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING.

**DURING INSTALLATION**

THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLD MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)

- HAKI SYSTEM SHELTER NOTES:**
1. USER/ERECTOR SHALL READ AND COMPLY WITH THE FOLLOWING: "USER'S GUIDE FOR HAKITEC 750 SYSTEM SHELTER"
  2. THIS SHELTER LAYOUT WAS DEVELOPED FROM LIMITED INFORMATION AND MAY VARY DUE TO ACTUAL FIELD CONDITIONS. CONTACT SAFWAY ENGINEERING FOR APPROVAL PRIOR TO MODIFYING.
  3. CUSTOMER SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO ERECTING SHELTER.
  4. VERTICAL DIAGONALS, HORIZONTAL DIAGONALS, STAND-OFFS AND TENSION/COMPRESSION TIES SHALL BE INSTALLED AS THE SUPPORT SCAFFOLD IS ERECTED.
  5. SAFWAY WILL PROVIDE A MUD SILL. BASED ON A MAXIMUM LEG LOAD OF 7500 LBS. THE ENGINEER OF RECORD SHALL DETERMINE IF THE EXISTING GRADE CONDITION PROVIDES ADEQUATE BEARING TO SAFELY SUPPORT SAFWAY EQUIPMENT. CONTACT SAFWAY ENGINEERING IF GRADE CONDITIONS ARE INADEQUATE.
  6. THE MAXIMUM ALLOWABLE JACK EXTENSION (TOTAL HEIGHT OF JACK ASSEMBLY) IS 12".
  7. ACCESS TO THIS SHELTER SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND FEDERAL OSHA REGULATIONS AND LOCAL CODES.
  8. THIS SHELTER IS DESIGNED AS A FULLY ENCLOSED STRUCTURE PER ASCE 7-10 & ASCE 37-02 GIVEN THE FOLLOWING:  
 V=80 mph REDUCED 0% PER ASCE 37-02 TO 80 mph  
 EXPOSURE C  
 BUILDING OCCUPANCY CATEGORY I
  9. THE ENGINEER OF RECORD SHALL CHECK AND APPROVE THE ABILITY OF THE EXISTING STRUCTURE TO SAFELY SUPPORT LOADS IMPOSED BY SHELTER.
  10. ALL GENERAL HOUSEKEEPING SHALL BE THE RESPONSIBILITY OF THE CUSTOMER. AT NO TIME SHALL DEBRIS BE ALLOWED TO ACCUMULATE ON ANY DECKING OR SCAFFOLD COMPONENTS.
  11. THIS SHELTER HAS **NOT** BEEN DESIGNED FOR SNOW LOADING. SAFWAY RECOMMENDS THAT MEASURES BE TAKEN BY THE CUSTOMER TO CREATE A WEATHER PLAN TO ADDRESS POTENTIAL SNOW LOADING SHOULD INCLIMATE WEATHER BE PREDICTED WHILE THE ENCLOSURE IS INSTALLED.

ORIGINAL P.E. SIGNATURE  
IN BLUE INK

12/09/2016

<input type="checkbox"/> AS-BUILT	<input checked="" type="checkbox"/> FOR CONSTRUCTION	<input type="checkbox"/> FOR QUOTATION	<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> CONCEPT DRAWING	<input type="checkbox"/> NOT-FOR-CONST.
PAJ	PAJ	TM	PAJ	Chd:	
SMT	SMT	SMT	SMT	By:	
12/02/16	12/29/16	11/02/16	11/02/16	Date:	

REVISIONS REQUIRED

Rev	Description
1	ADDED WIND LOADING CRITERIA TO 55 MPH W/OUT REDUCED WIRE ROPE
2	ADDED WIND LOADING CRITERIA TO 80 MPH W/OUT REDUCED WIRE ROPE

**Safway Services, LLC**

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Branch: LOS ANGELES (072)	Eng. Div: BRIDGE DIVISION	Project: EXIDE HAKI HAKI ROOF ENCLOSURE	Contractor: SAFWAY SERVICES, LLC
Drawn by: SMT	06/27/2016	Checked: PAJ	12/29/2016
Project Number: 152097	Dwg. No: P3-1.0	Rev. L1: D	



**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED/INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

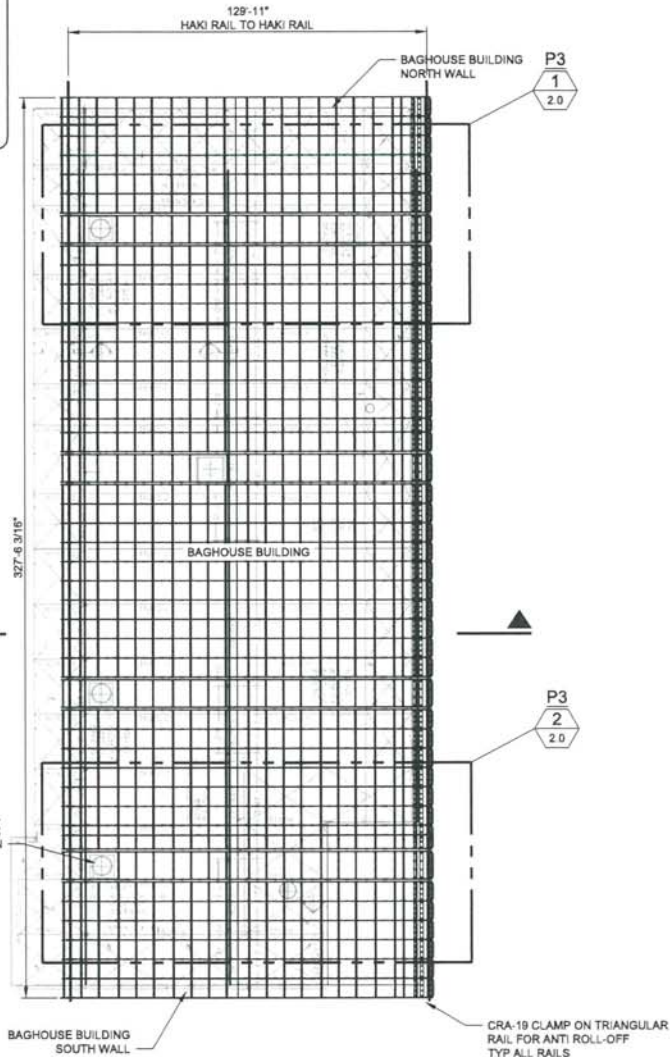
IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING.

**DURING INSTALLATION**

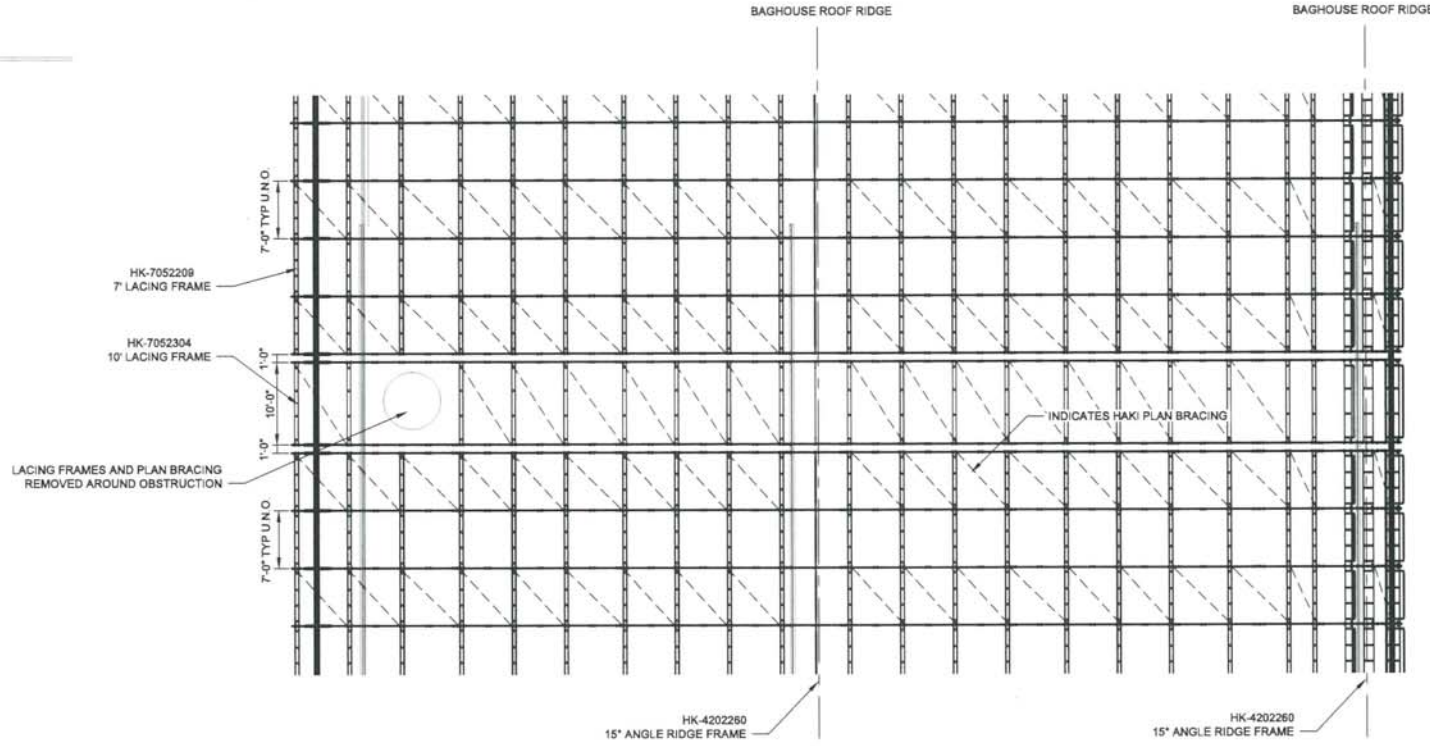
THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLD MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)

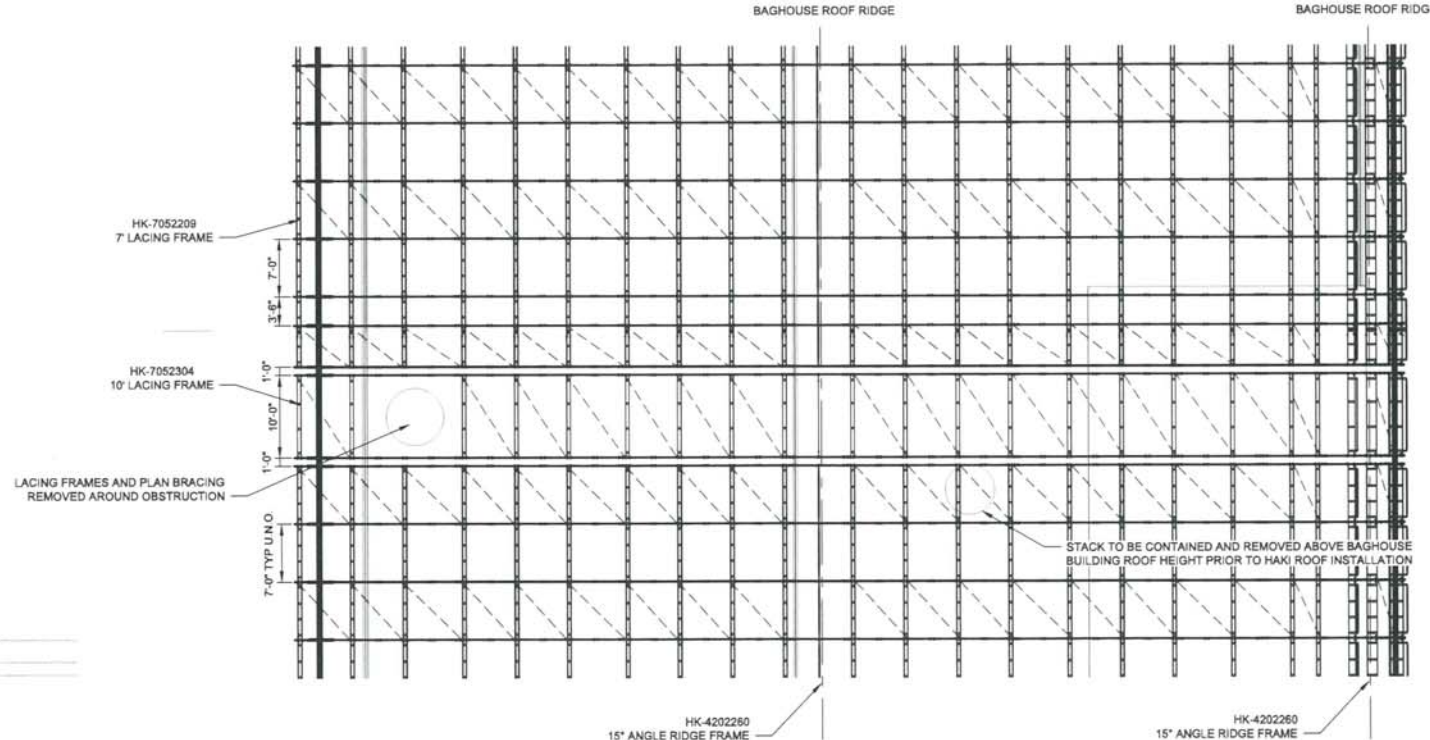
INDICATES EXIDE FACILITY NORTH FENCE



**UPPER ROOF PLAN VIEW**  
SCALE: 1/16" = 1'-0"  
(DO NOT SCALE)



**DETAIL 1**  
SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)



**DETAIL 2**  
SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)

ORIGINAL P.E. SIGNATURE IN BLUE INK



12/09/2016

DESIGNED BY	PAJ	DATE	12/09/2015
CHECKED BY	PAJ	DATE	12/29/2015
PROJECT NUMBER	152097	DWG. NO.	P3-2.0
REVISED AS REQUIRED	NO	DATE	
ADDED NOTES AT ROOF PENETRATIONS	NO	DATE	
ADDED HAKI PLAN BRACING	NO	DATE	
UPDATED WIND LOADING CRITERIA TO 55 MPH WITHOUT INTERIOR WIRE ROPE	NO	DATE	
MODIFIED WIND LOADING CRITERIA	NO	DATE	

STATUS	AS-BUILT	FOR CONSTRUCTION	FOR APPROVAL	FOR QUOTATION	PRELIMINARY	CONCEPT DRAWING	NOT FOR CONSTRUCTION
PKU	PKU	PKU	PKU	PKU	PKU	PKU	PKU
MT	MT	MT	MT	MT	MT	MT	MT
12/09/16	12/09/16	11/19/2016	11/19/2016	11/19/2016	11/19/2016	11/19/2016	11/19/2016

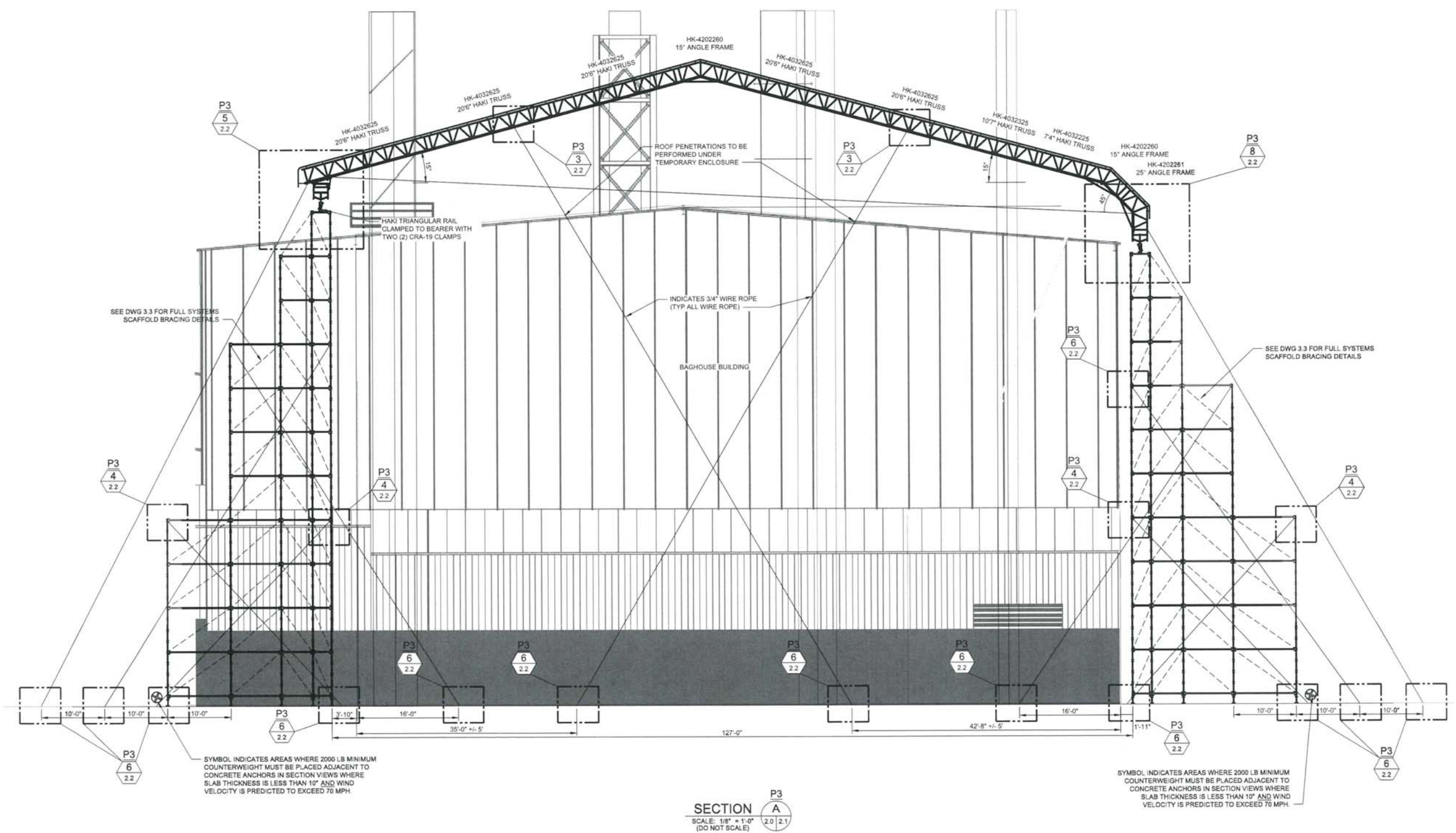
REVISED AS REQUIRED	DESCRIPTION	DATE	BY	CHKD
NO				
NO				
NO				
NO				



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Branch	LOS ANGELES [072]	Eng. Loc.	BRIDGE DIVISION
Project	EXIDE HAKI HAKI ROOF ENCLOSURE		
Description	BAGHOUSE ROOF PLAN VIEW		
Contractor	Safway Services, LLC		
Drawn by	SMT	Date	06/27/2015
Checked by	PAJ	Date	12/29/2015
Project Number	152097	Dwg. No.	P3-2.0
Rev. Lr.	D	Rev. Lr.	D





SEE DWG 3.3 FOR FULL SYSTEMS SCAFFOLD BRACING DETAILS

INDICATES 3/4" WIRE ROPE (TYP ALL WIRE ROPE)

SEE DWG 3.3 FOR FULL SYSTEMS SCAFFOLD BRACING DETAILS

SYMBOL INDICATES AREAS WHERE 2000 LB MINIMUM COUNTERWEIGHT MUST BE PLACED ADJACENT TO CONCRETE ANCHORS IN SECTION VIEWS WHERE SLAB THICKNESS IS LESS THAN 10" AND WIND VELOCITY IS PREDICTED TO EXCEED 70 MPH.

SYMBOL INDICATES AREAS WHERE 2000 LB MINIMUM COUNTERWEIGHT MUST BE PLACED ADJACENT TO CONCRETE ANCHORS IN SECTION VIEWS WHERE SLAB THICKNESS IS LESS THAN 10" AND WIND VELOCITY IS PREDICTED TO EXCEED 70 MPH.

SECTION A  
SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)

ORIGINAL P.E. SIGNATURE IN BLUE INK



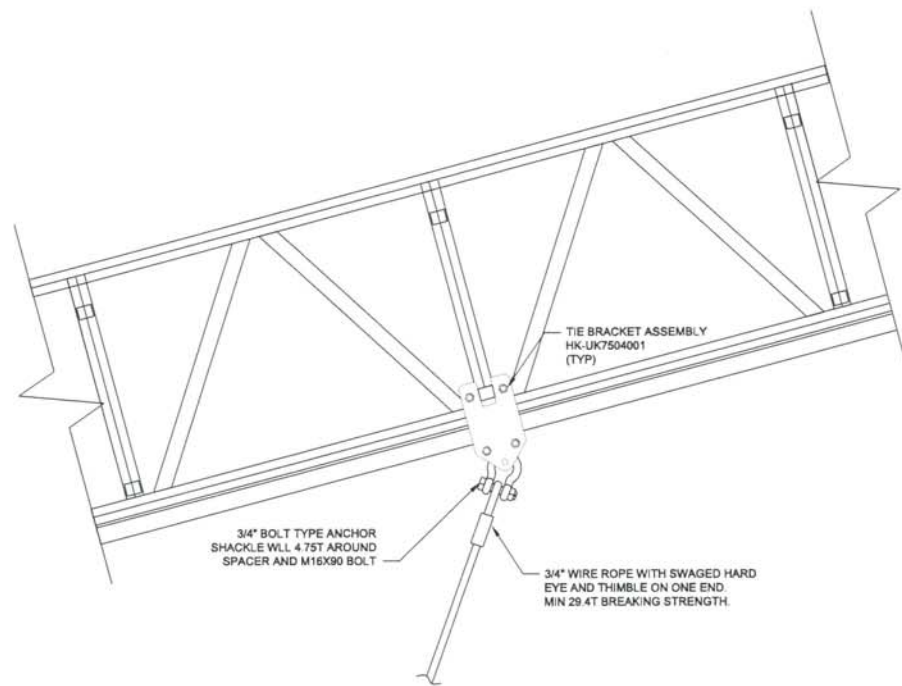
DATE BUILT	NO. OF CONSTRUCTION PERMITS	NO. OF QUOTATIONS	PRELIMINARY	CONCERN-DRAWING	NOT FOR CONST.
	X				

NO.	DATE	BY	CHKD.	DESCRIPTION
1502018		SMT		
1502018		SMT		
1510018		SMT		
1502018		SMT		

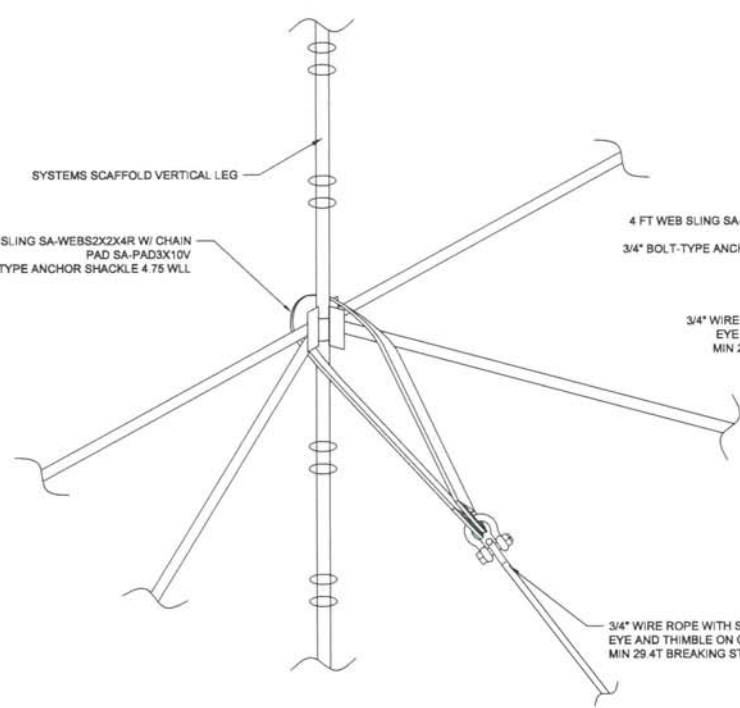
NO.	DATE	BY	CHKD.	DESCRIPTION
1502018		SMT		ADDED NOTES: ROOF PENETRATIONS ADDED FOR ROOF PENETRATIONS. CHANGES PER SLAB THICKNESS.
1510018		SMT		UPDATED WIND LOADING CRITERIA TO SURF WITH INTERIOR WIRE ROPE.
1502018		SMT		MODIFIED WIND LOADING CRITERIA.

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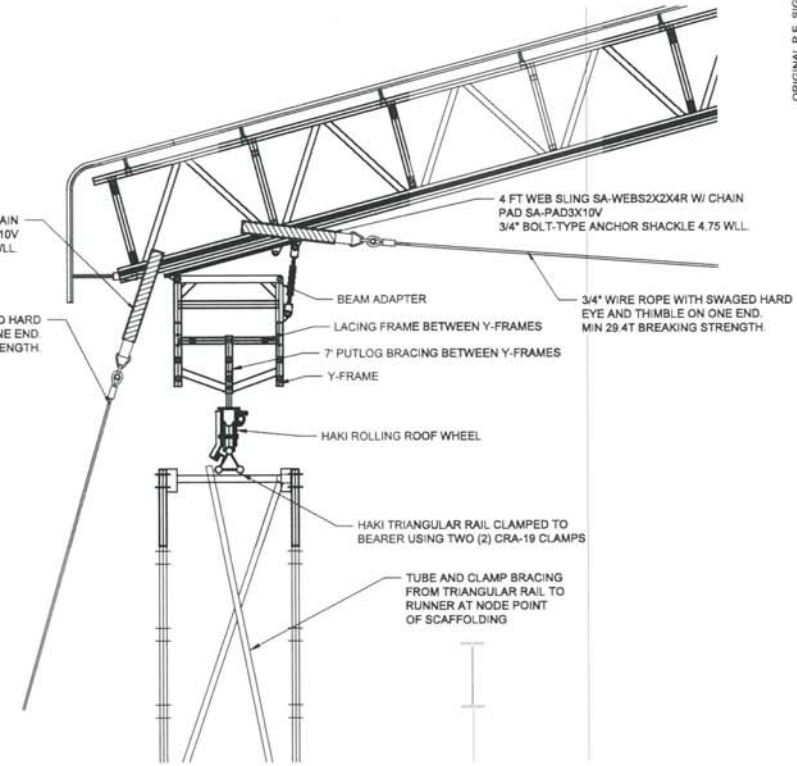
Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	
Description: BAGHOUSE ROOF SECTION VIEW	
Contractor:	
Drawn by: SMT	06/27/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Dwg. No. P3-2.1
Rev. Ltr:	D



**DETAIL 3**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)



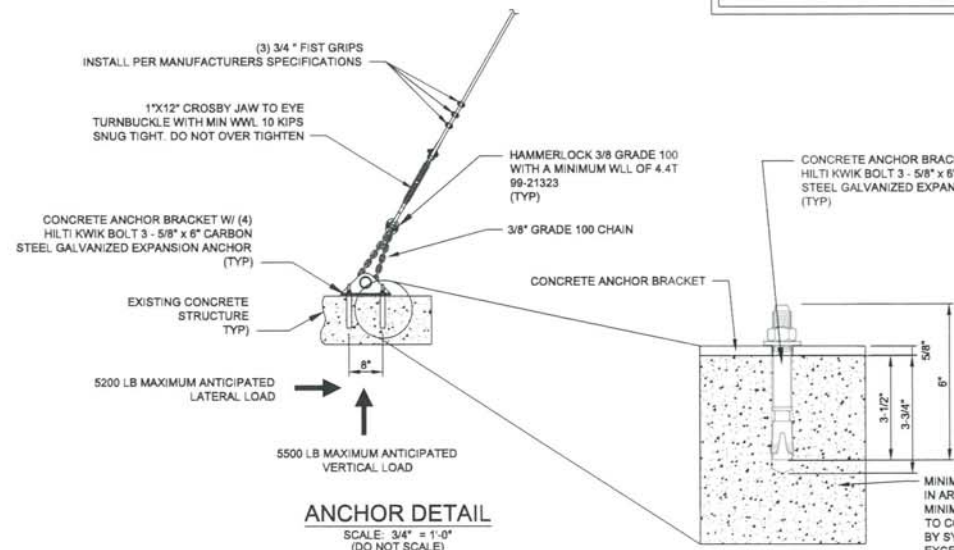
**DETAIL 4**  
SCALE: N.T.S. = 1'-0"  
(DO NOT SCALE)



**DETAIL 5**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)

INSTALLATION OF HILTI FASTENERS IS TO BE COMPLETED BY TRAINED INDIVIDUALS ONLY. IT IS RECOMMENDED THAT A HILTI REPRESENTATIVE BE ON-SITE TO TRAIN AND ASSIST DURING THE INSTALLATION.

CONCRETE ANCHOR BRACKETS SHALL BE INSTALLED AS ROOF IS INSTALLED. WIRE ROPE SHALL BE SECURED TO ANCHOR BRACKETS IN ACCORDANCE WITH THE WIND LOADING CRITERIA. ANCHOR BRACKETS INTERIOR TO THE CONTAINED AREAS SHALL BE PROPERLY SEALED FROM WATER PENETRATION.

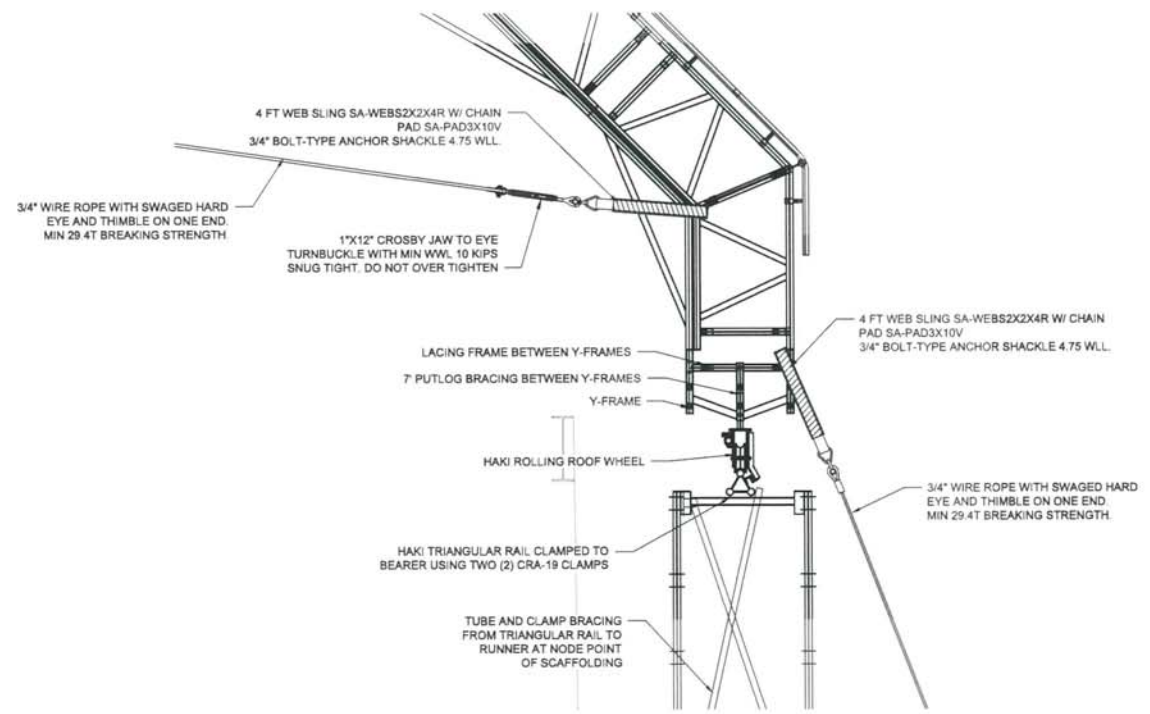


**ANCHOR DETAIL**  
SCALE: 3/4" = 1'-0"  
(DO NOT SCALE)

NOTE: CONCRETE ANCHOR(S) SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTION AND RECOMMENDATION. AVOID REBAR WHEN DRILLING FOR ANCHOR. IF CONTACT WITH REBAR IS MADE, RELOCATE ANCHOR IN ACCORDANCE WITH UNIVERSAL CONCRETE ANCHOR INSTALLATION GUIDELINES.

**DETAIL 6**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)

**DETAIL 7**  
SCALE: N.T.S. = 1'-0"  
(DO NOT SCALE)



**DETAIL 8**  
SCALE: 3/8" = 1'-0"  
(DO NOT SCALE)

ORIGINAL P.E. SIGNATURE  
IN BLUE INK



12/09/2016

DESIGNED BY	SAJ	DATE	12/09/2016
CHECKED BY	SAJ	DATE	12/29/2015
PROJECT NUMBER	152097	DESIGN NO.	PS-22
REVISIONS		REV. I.D.	D

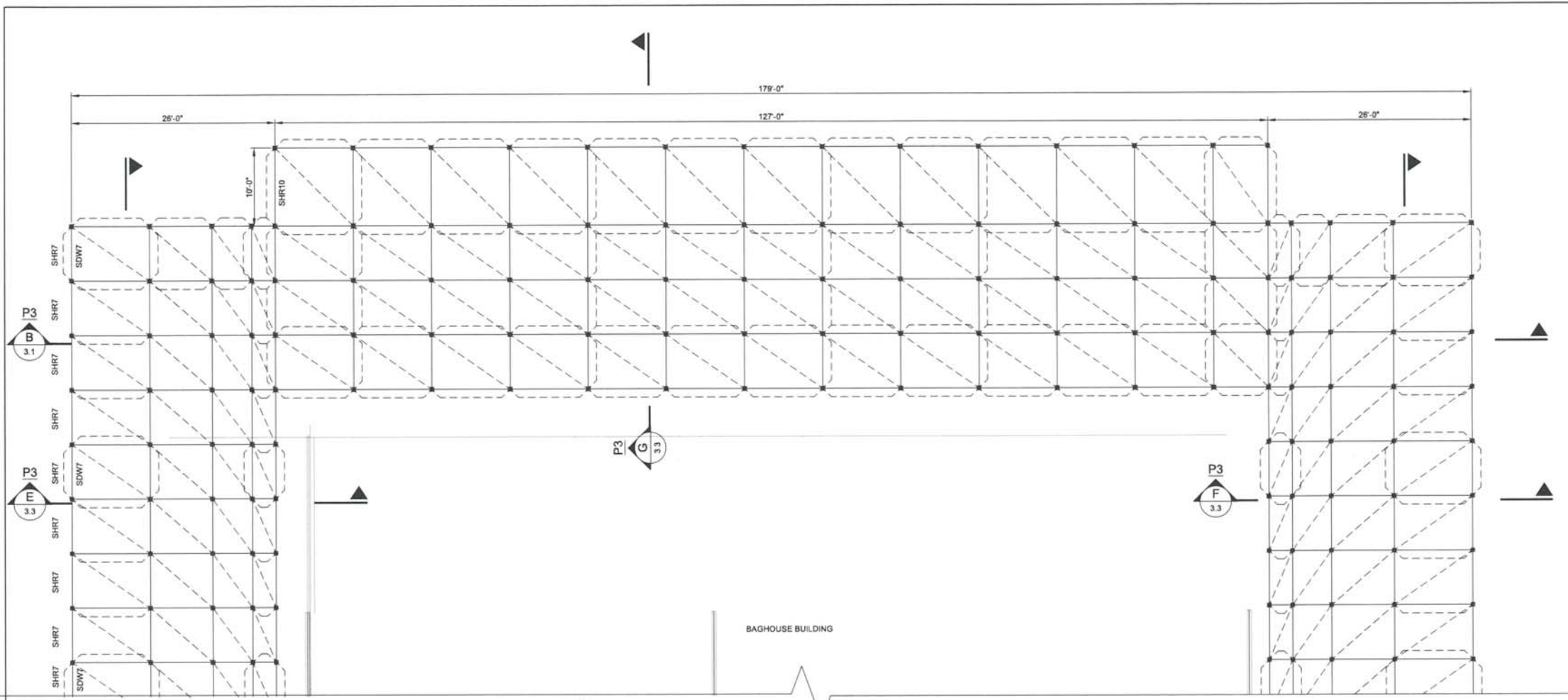
NO. OF SHEETS	1
TOTAL SHEETS	1

REVISIONS REQUIRED	
REVISIONS BY	
REVISIONS DATE	
REVISIONS DESCRIPTION	



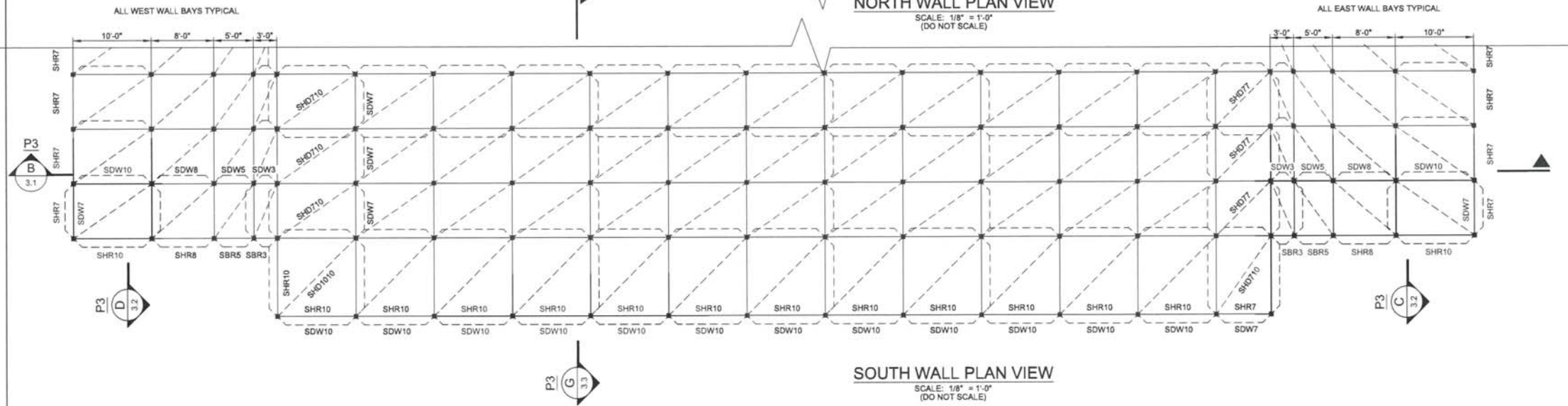
Branch	LOS ANGELES [072]
Eng. Loc.	BRIDGE DIVISION
Project	EXIDE HAKI HAKI ROOF ENCLOSURE
Description	DETAILS
Contractor	
Drawn by	SMT
Checked	PAJ
Project Number	152097
Design No.	PS-22
Rev. I.D.	D





**NORTH WALL PLAN VIEW**

SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)



**SOUTH WALL PLAN VIEW**

SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)

**WIND LOADING CRITERIA**

THIS ENCLOSURE IS DESIGNED FOR WIND UP TO 55 MPH WITH FULLY ENCLOSED CONTAINMENT AND ALL WIRE ROPE EXTERIOR TO THE BUILDING BEING DEMOLISHED INSTALLED.

IF WIND VELOCITY IS PREDICTED TO EXCEED 55 MPH ALL WIRE ROPE, INTERIOR AND EXTERIOR TO THE BUILDING BEING DEMOLISHED, MUST BE INSTALLED.

THIS ENCLOSURE IS DESIGNED FOR 100% CONTAINMENT AT A MAXIMUM WIND VELOCITY OF 80 MPH USING A STRUCTURAL SAFETY FACTOR WHEN FULLY ENCLOSED AND ALL INTERIOR AND EXTERIOR WIRE ROPE INSTALLED.

IF WIND VELOCITY EXCEEDS 80 MPH, CONTAINMENT MUST BE REMOVED AND ALL PERSONNEL MUST EVACUATE THIS SCAFFOLDING.

**DURING INSTALLATION**

THIS ENCLOSURE IS DESIGNED FOR WINDS UP TO 40 MPH DURING THE INSTALLATION. DURING INSTALLATION, ALL BRACING AND WIRE ROPE CONNECTED TO THE SYSTEMS SCAFFOLD MUST BE INSTALLED.

(NOTE: FULLY ENCLOSED CONTAINMENT IS DEFINED AS ALL OPENINGS BEING SECURELY SEALED WITH NO POINTS OF VENTILATION IN THE ENCLOSURE)

**SYSTEMS SCAFFOLD NOTES:**

1. USER/ERECTOR SHALL READ AND COMPLY WITH THE FOLLOWING: "SAFETY GUIDELINES FOR SAFWAY SYSTEMS SCAFFOLD" ORN 202
2. THIS SCAFFOLD IS DESIGNED FOR A MAXIMUM LOADING OF (1) LIGHT DUTY WORK LEVEL(S) AT 25 POUNDS PER SQUARE FOOT UNIFORMLY DISTRIBUTED.
3. THIS SCAFFOLD LAYOUT WAS DEVELOPED FROM LIMITED INFORMATION AND MAY VARY DUE TO ACTUAL FIELD CONDITIONS. CONTACT SAFWAY ENGINEERING FOR APPROVAL PRIOR TO MODIFYING.
4. CUSTOMER SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO ERECTING SCAFFOLD.
5. LEG STACK-UPS MAY VARY DEPENDING UPON ACTUAL FIELD CONDITIONS. ALL LEGS MUST BE BRACED EVERY 7' VERTICALLY IN TWO DIRECTIONS UNLESS OTHERWISE SHOWN.
6. VERTICAL DIAGONALS, HORIZONTAL DIAGONALS, STAND-OFFS AND TENSION/COMPRESSION TIES SHALL BE INSTALLED AS THE SCAFFOLD IS ERECTED.
7. PROTECT ALL OPEN ENDS OF EACH WORK LEVEL WITH GUARDRAIL AND TOEBOARDS.
8. SAFWAY WILL PROVIDE A MUD SILL. BASED ON A MAXIMUM LEG LOAD OF 7800 LBS. THE ENGINEER OF RECORD SHALL DETERMINE IF THE EXISTING GRADE CONDITION PROVIDES ADEQUATE BEARING TO SAFELY SUPPORT SAFWAY EQUIPMENT. CONTACT SAFWAY ENGINEERING IF GRADE CONDITIONS ARE INADEQUATE.
9. THE MAXIMUM ALLOWABLE JACK EXTENSION (TOTAL HEIGHT OF JACK ASSEMBLY) IS 12'.
10. ACCESS TO THIS SCAFFOLD SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND FEDERAL OSHA REGULATIONS AND LOCAL CODES.
11. THIS SCAFFOLD IS NOT DESIGNED FOR A WIND ENCLOSURE OR DEBRIS NETTING. CONTACT SAFWAY ENGINEERING PRIOR TO ERECTION IF WIND ENCLOSURE IS REQUIRED.
12. ALL PLANKING SHALL BE SECURED TO BEARERS TO PREVENT UPLIFT AS REQUIRED.
13. ALL WORK LEVELS PLANKED WITH LUMBER SHALL BE SCAFFOLD GRADE PLANK IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL OSHA REGULATIONS. LUMBER MUST BE CLEATED, NAILED AND SECURELY ATTACHED TO BEARERS AS REQUIRED TO PREVENT UPLIFT.
14. THE ENGINEER OF RECORD SHALL CHECK AND APPROVE THE ABILITY OF THE EXISTING STRUCTURE TO SAFELY SUPPORT LOADS IMPOSED BY SCAFFOLD.
15. ALL GENERAL HOUSEKEEPING SHALL BE THE RESPONSIBILITY OF THE CUSTOMER. AT NO TIME SHALL DEBRIS BE ALLOWED TO ACCUMULATE ON ANY DECKING OR SCAFFOLD COMPONENTS.



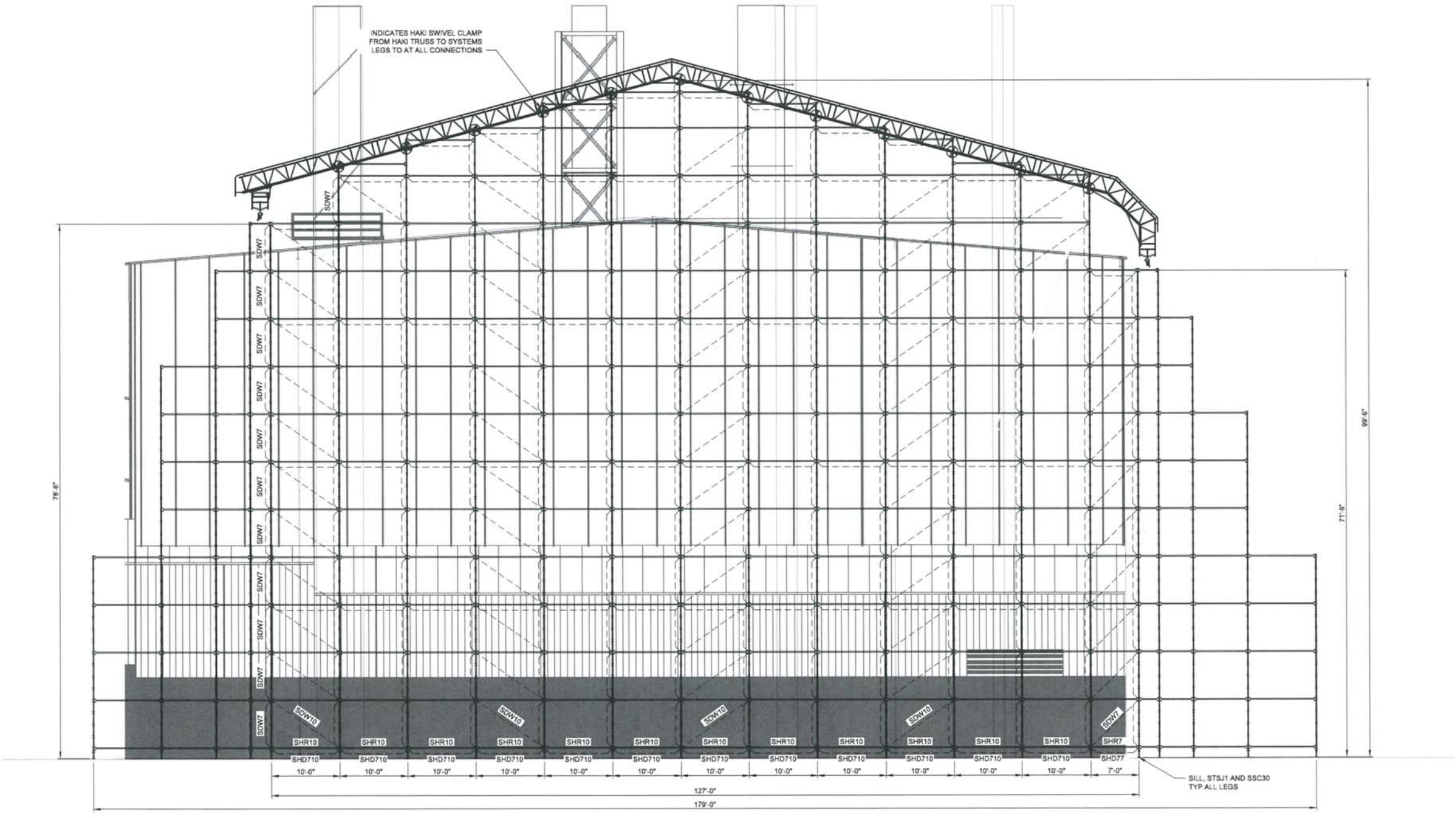
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FOR CONSTRUCTION	NO	NO	NO	NO	NO	NO
FOR APPROVAL	X	X	X	X	X	X
FOR QUOTATION	NO	NO	NO	NO	NO	NO
PRELIMINARY	NO	NO	NO	NO	NO	NO
CONCEPT DRAWING	NO	NO	NO	NO	NO	NO
NOT-FOR-CONST.	NO	NO	NO	NO	NO	NO

NO	DATE	BY	CHKD	DESCRIPTION
1	12/09/16	SMT		REVISED AS REQUIRED
2	12/09/16	SMT		REVISED AS REQUIRED
3	11/16/2016	SMT		REVISED AS REQUIRED
4	11/02/16	SMT		REVISED AS REQUIRED

**SAFWAY.**  
Safway Services, LLC

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Branch: LOS ANGELES [072]	Eng. Lic: BRIDGE DIVISION
Project: EXIDE HAKI	Project: HAKI ROOF ENCLOSURE
Project Number: 152097	Dwg. No: P3-3.0
Drawn by: SMT	08/27/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Dwg. No: P3-3.0
Rev. 1: D	



REFERENCE ELEVATION DIMENSIONS

SECTION **P3**  
**B**  
SCALE: 1/8" = 1'-0"  
(DO NOT SCALE)

ORIGINAL P.E. SIGNATURE  
IN BLUE INK



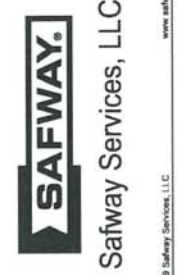
12/09/2015

AS-BUILT	PN	Chd:
FOR CONSTRUCTION	X	By:
FOR APPROVAL	PN	Date:
FOR QUOTATION	TM	
PRELIMINARY	PN	
CONCEPT-DRAWING	PN	
NOT FOR CONST.	PN	

12/02/15	SMT	
12/29/15	SMT	
11/30/15	SMT	
10/20/15	SMT	

Revised As Required	Description
△	ADDED NOTES AT ROOF PENETRATIONS
△	ADDED HOOKS TO ALL SYSTEMS LEGS AND CHANGES PER PLAN THICKNESS
△	UPDATED WIND LOADING CRITERIA TO BE WITHIN INTERIOR WIND SCOPE
△	ROOF ED WIND LOADING CRITERIA

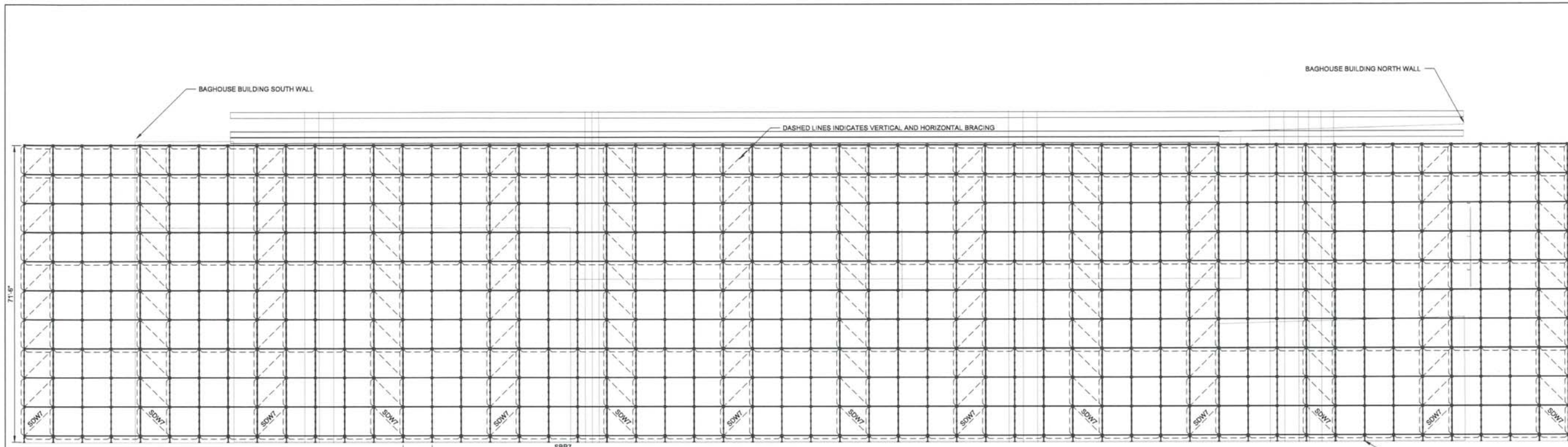
△	Row
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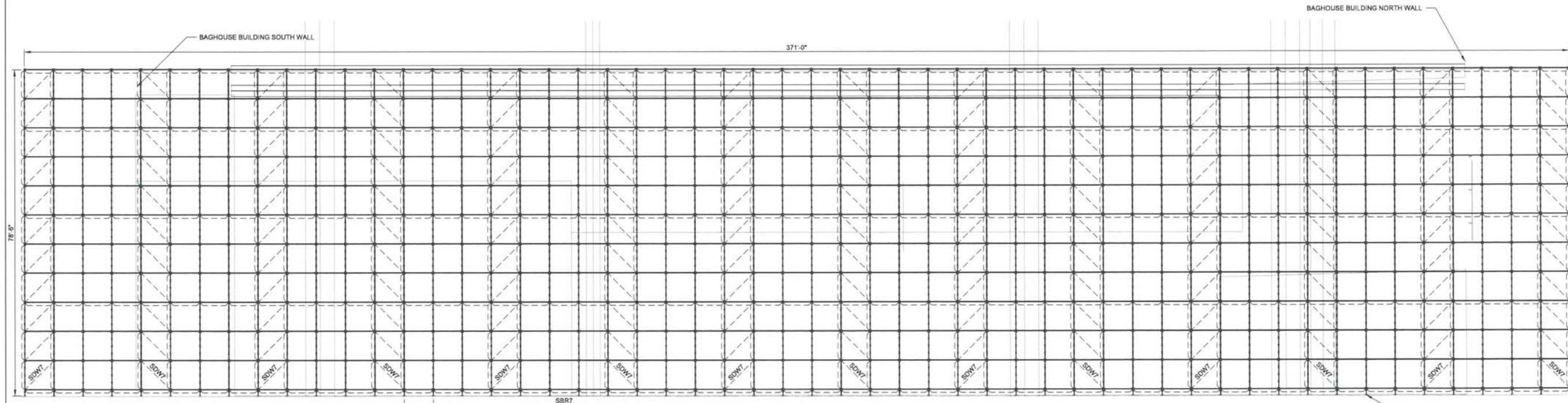
Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	
Description: NORTH AND SOUTH WALL SECTION VIEWS	
Contractor:	

Drawn by: SMT	06/27/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Desig. No: PS-3.1
Rev. Lr: D	





SECTION C  
SCALE: N.T.S. = 1'-0"  
(DO NOT SCALE)



SECTION D  
SCALE: N.T.S. = 1'-0"  
(DO NOT SCALE)

ORIGINAL P.E. SIGNATURE  
IN BLUE INK

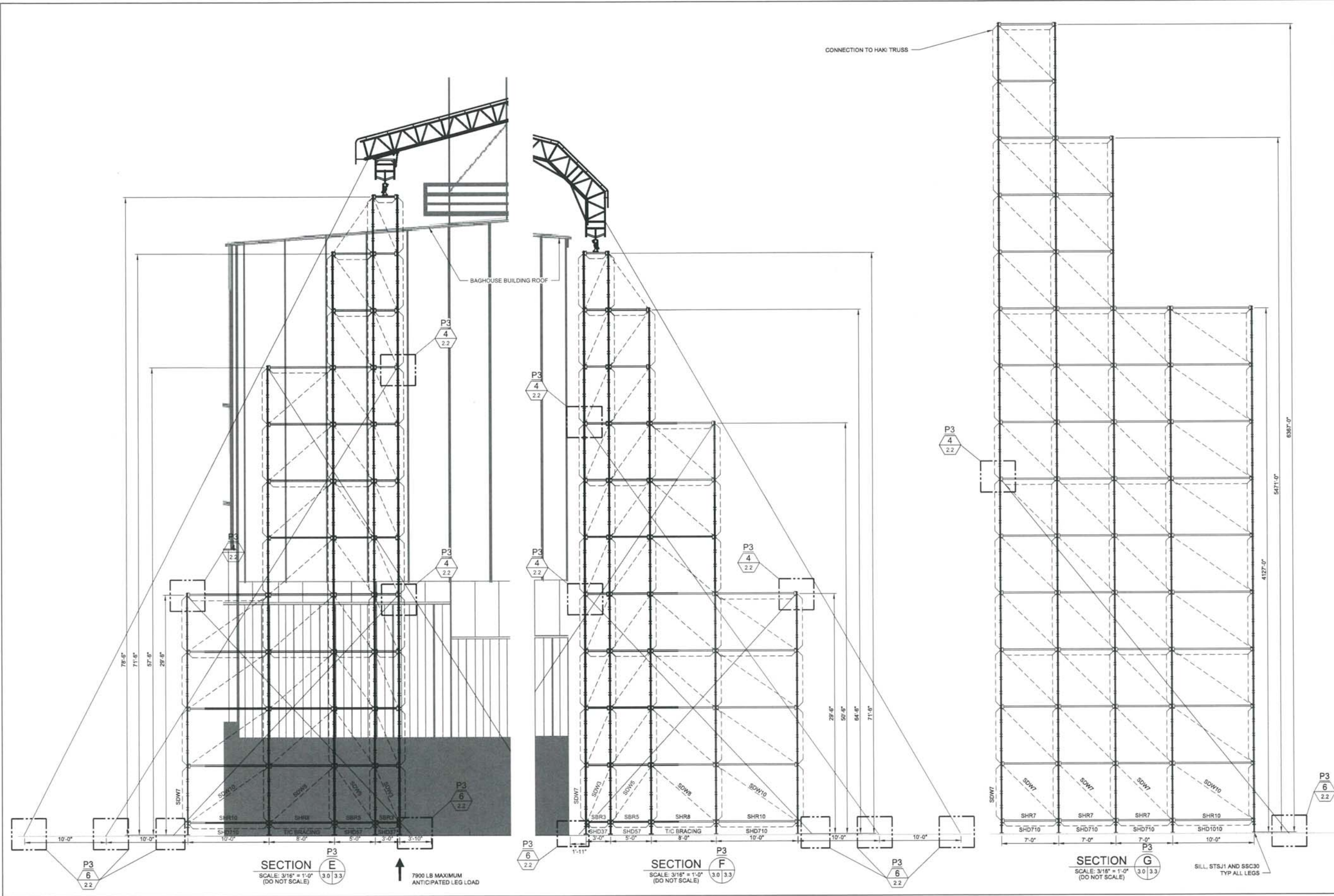
REGISTERED PROFESSIONAL ENGINEER  
THOMAS JEROME LINDEN  
No. 0051041  
Exp. 9-30-2017  
CIVIL  
STATE OF CALIFORNIA  
12/09/2016

REVISIONS AS REQUIRED	NO. 1	DATE	DESCRIPTION
ADD SILL AND BRACING			
ADD SILL AND BRACING			
UPDATE WIND LOADING CRITERIA TO SBR WITHOUT METEOROLOGICAL			
MODIFIED WIND LOADING CRITERIA			

**SAFWAY**  
Safway Services, LLC  
www.safway.com

Branch: LOS ANGELES [072]	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI	HAKI ROOF ENCLOSURE
Description: EAST AND WEST WALL SECTION VIEWS	Contractor:
Drawn by: SMT	06/27/2016
Checked: PAJ	12/29/2015
Project Number: 152097	Rev. No: P3-3.2
	Rev. Ltr: D





ORIGINAL P.E. SIGNATURE  
IN BLUE INK

REGISTERED PROFESSIONAL ENGINEER  
THOMAS JEROME HAYES  
No. 0051041  
Exp. 9-30-2017  
CIVIL  
STATE OF CALIFORNIA  
12/09/2016

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DATE	BY	CHKD.	DESCRIPTION
12/09/16	SMT		AS-BUILT
12/09/16	PAJ		FOR CONSTRUCTION FOR APPROVAL
11/02/16	SMT		FOR QUOTATION
11/02/16	SMT		PRELIMINARY
11/02/16	SMT		CONCEPT DRAWING
			NOT FOR CONST.

REV.	DESCRIPTION
1	REVISED AS REQUIRED
2	REVISIONS FOR PERMITS AND ADDITIONAL BRACING FOR ALL LEGS AND CHANGES PER BAR THICKNESS
3	UPDATED WIND LOADING CRITERIA TO BE WITHIN WIND RETROFIT CODE
4	MOOF TO WIND LOADING CRITERIA

**SAFWAY.**  
Safway Services, LLC  
www.safway.com

Branch: LOS ANGELES (072)	Eng. Loc: BRIDGE DIVISION
Project: EXIDE HAKI HAKI ROOF ENCLOSURE	Drawn by: SMT
Description: SYSTEMS SCAFFOLD SECTION VIEWS	Checked: PAJ
Contractor:	Date: 06/27/2016
Project Number: 152097	Drawn No: P3-3.3
Rev. L: D	