

FULL SIZE SHEET IS 30" x 42"

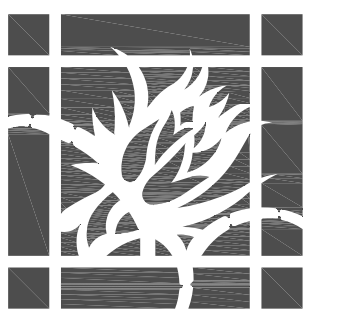
# HAWAII CONVENTION CENTER GUTTER REPAIR AND SAFETY ROOF ANCHOR

## 1801 KALAKAUA AVE HONOLULU, HAWAII. 96815

### T.M.K.: 2-3-035:001

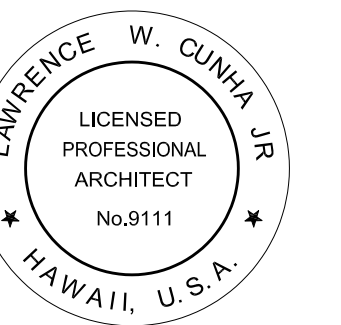
## 100% CONSTRUCTION DOCUMENTS

Architect:



WCITARCHITECTURE

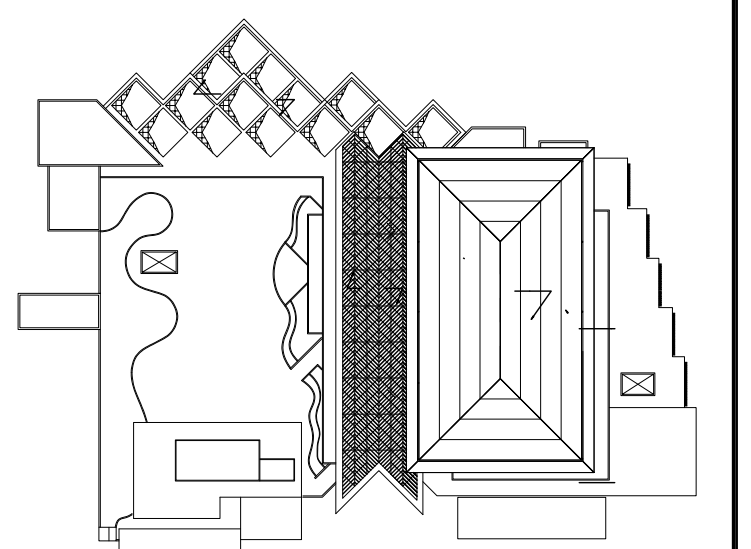
725 Kapiolani Boulevard, Suite C400  
Honolulu, Hawaii 96813 Ph 808.592.2345  
Fax 808.592.2350



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*Lawrence W. Cunha Jr.* 4/30/26  
Lawrence W. Cunha Jr., AIA Exp. Date  
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:

Project:  
**HAWAII CONVENTION CENTER  
GUTTER REPAIR AND ROOF SAFETY ANCHOR**  
1801 Kalakaua Ave  
Honolulu, Hawaii, 96815  
T.M.K.: 2-3-035-001



Drawing:  
**TITLE SHEET**

Revisions

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△	△
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△	△

Phase: **100% CD**

Proj Number: **24110**

Date: **JULY 9, 2024**

Sheet:

# T-01

OF SHEETS

### APPLICABLE CODES:

INTERNATIONAL BUILDING CODE (IBC) 2018  
LAND USE ORDINANCE 2021  
IECC CODE 2020 OF HAWAII  
FIRE CODE 2018 OF HAWAII – NFPA 1 W/ AMENDMENTS  
NATIONAL ELECTRICAL CODE 2017 OF HAWAII  
UNIFORM PLUMBING CODE 2018 & LOCAL ADMMENDMENTS

### FIRE SAFETY NOTES

Structures undergoing construction, alteration, or demolition operations, including those in underground locations, shall comply with NFPA 241, Standard for Safeguarding Construction, Alteration, and Demolition Operations, and this chapter, 2018 NFPA 1.

Portable Fire Extinguishers  
13.6.1 general requirements.

13.6.1.1 The installation, maintenance, selection, and distribution of portable fire extinguishes shall be in accordance with NFPA 10, standard for portable fire extinguishers, and section 13.6, 2018 NFPA 1.

Access and Water Supply  
16.4.3.1.3- Where underground water mains and hydrants are to be provided, they shall be installed, completed, and in service prior to construction. NFPA 1, Chapter 16.

16.1.4 Fire department access roads provided in accordance with 18.2.3 shall be provided at the start of a project and shall be maintained throughout construction.

16.1.5 Permanent fire department access road markings shall not be required until the building is complete or occupied for use.

18.2.3.2 Access to Building.

18.2.3.2.1 A fire department access road shall extend to within 50 ft (15 m) of at least one exterior door that can be opened from the outside and that provides access to the interior of the building, provide a fire apparatus access road for every facility, building, or portion of a building hereafter constructed or moved into or within the jurisdiction when any portion of the facility or any portion of an exterior wall of the first story of the building is located more than 150 feet (45 720 mm) from a fire apparatus access road as measured by an approved route around the exterior of the building or facility. (2018 NFPA 1, section 18.2.3.2.2)

18.2.3.2.1- When buildings are protected throughout with an approved automatic sprinkler system that is installed in accordance with NFPA 13, NFPA 13d, or NFPA 13r the distance in 18.2.3.2.2 shall be permitted to be increased to 450ft.

18.2.3.4.1.1- Fire access roads shall have an unobstructed width of not less than 20ft. and an unobstructed vertical clearance of 13 ft. 6 in. NFPA 1, Chapter 18.

18.2.3.4.2 Surface, fire department access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with an all-weather driving surface.

18.2.3.4.3.1 The turning radius of a fire apparatus access road shall meet county requirements.

18.2.3.4.3.2 Turns in fire department access roads shall maintain the minimum road width, a fire department access road shall extend to within 50 ft (15 m) of at least one exterior door that can be opened from the outside and that provides access to the interior of the building (2018 NFPA 1, section 18.2.3.2.1) provide a water supply, approved by the county, capable of supplying the required fire flow for fire protection to all premises upon which facilities or buildings, or portions thereof, are hereafter constructed or moved into or within the county, on-site fire hydrants and mains capable of supplying the required fire flow shall be provided when any portion of the facility or building is in excess of 150 feet (45 720 mm) from a water supply on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building. (2018 NFPA 1, section 18.3.1, as amended) fire department hose connections shall be located within 20 feet of a fire apparatus access road, not less than 18 inches and not more than 4 feet above grade, or as approved by the ahj, appropriate fire department hose connections shall be located within 20 feet of a fire apparatus access road, not less than 18 inches and not more than 4 feet above grade, or as approved by the ahj, appropriate identification signs shall be provided as required by the ahj, section 13.2.2.2 and 13.3.1.2.1 of nfpa 1 2018, as amended.

13.7.1.4.9.5 Unless otherwise provided in 13.7.1.4.9.5.1 through 13.7.1.4.9.5.6, notification signals for occupants to evacuate shall be audible and visible signals in accordance with NFPA 72 and ICC/ANSI

q117.1, American national standard for accessible and usable buildings and facilities, or other means of notification acceptable to the ahj shall be provided. [101:9.6.3.5] visibility

72.7.5.1\*Visible signaling, public mode visible signaling shall meet the requirements of section 7.5 using visible notification

72.a.7.5.1 There are two methods of visible signaling, these are methods in which notification of an emergency condition is conveyed by direct viewing of the illuminating appliance or by means of illumination of the surrounding area, visible notification appliances used in the public mode must be located and must be of a type, size, intensity and number so that the operating effect of the appliance is seen by the intended viewers regardless of the viewer's orientation.

72.7.5.4\* Appliance location, wall-mounted appliances shall be mounted such that the entire lens is not less than 80in. and not greater than 96in. above the finished floor.

72.7.5.4.1.2 visible notification appliances shall be installed in accordance with table 7.5.4.1.1(a), using one of the following:  
(1) A single visible notification appliance  
(2) Two visible notification appliances located on opposite walls  
(3)\*more than two visible notification appliances in the same room or adjacent space within the field of view that flash in synchronization

72:4.4.5\* protection of fire alarm control unit(s), in areas that are not continuously occupied, automatic smoke detection shall be provided at the location of each fire alarm control unit(s) to provide notification of fire at that location.

### CODE INFORMATION

LAND USE ORDINANCE (CITY & COUNTY OF HONOLULU)

PARCEL ADDRESS:  
1801 KALAKAUA AVE, HONOLULU, HAWAII. 96815

TAX MAP KEY: LOT AREA: ACRES:  
2-3-035:001 420,540 S.F. 9.6543,0024

ZONING:  
BMX-3 COMMUNITY BUSINESS DISTRICT

USE:  
COMMERCIAL

ALLOWABLE FLOOR AREA:  
402,540 S.F. x 2.5 (FAR) = 1,006.35 S.F.

COUNTY ZONING:  
DLNR: REFER TO DLNR-SHPD (808) 692-8015  
PRIMARY URBAN CENTER  
FLOOD ZONES AE - 100 YEAR FLOOD BASE FLOOD ELEVATION DETERMINED  
AO - 100 YEAR FLOOD, 1 TO 3 FEET WITH SHEET FLOWS  
FLOOD ZONES X - BEYOND 500 YEAR FLOOD PLAIN  
FLOOD ZONES 350 ft  
HEIGHT LIMIT 350 ft  
TSUNAMI EVACUATION ZONE NO  
SMA NOT IN SMA  
STATE LAND USE URBAN DISTRICT  
STREET SETBACK YES--SEE DTS MAP PUC-14. VERIFY WITH TRB 768-8083  
ZONING (LUO) BMX-3

### PROJECT TEAM

OWNER:  
HAWAII CONVENTION CENTER  
1801-1809 Kalakaua Ave  
Honolulu, Hawaii. 96815  
T: (808)

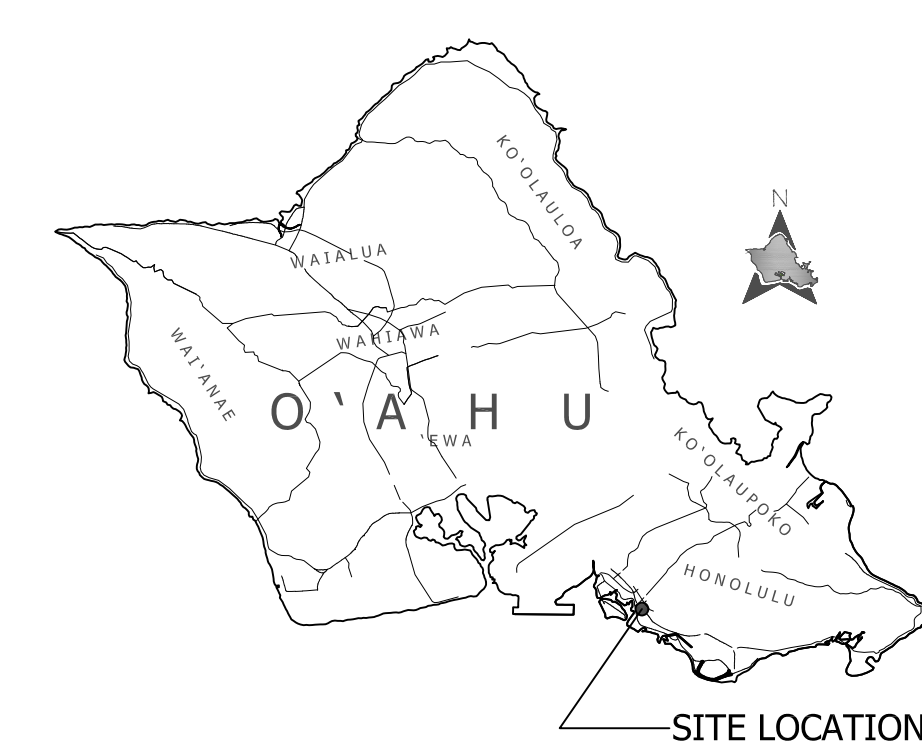
ARCHITECT:  
WCIT Architecture  
725 Kapiolani Blvd., Suite C-400  
Honolulu, Hawaii. 96813  
T: (808) 592-2345  
F: (808) 592-2350

ALLANA BUICK & BERS INC.  
737 Bishop Street, Suite 2900  
Honolulu, Hawaii. 96813  
T: (808) 538-0115

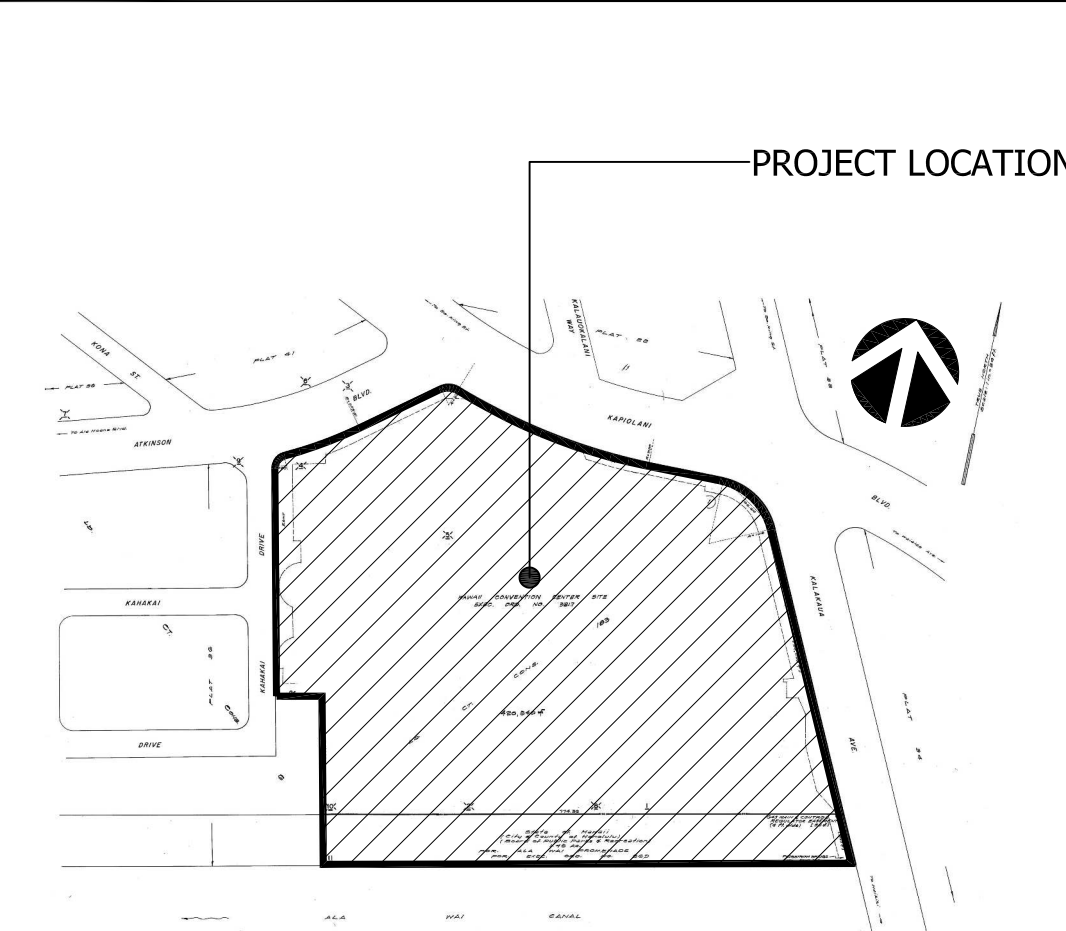
### INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
	<b>ARCHITECTURAL</b>
	<b>GENERAL DRAWINGS</b>
T-01	TITLE SHEET, CODE INFORMATION AND INDEX OF DRAWINGS
A1-01	OVERALL ROOF PLAN
A1-02	PARTIAL ENLARGED ROOF PLAN AND SAFETY ANCHOR DETAILS
	<b>WATERPROOFING</b>
WP0-01	WATERPROOFING COVER SHEET
WP1-01	BALLROOM ROOF - DEMOLITION PLAN
WP1-02	BALLROOM ROOF - CONSTRUCTION PLAN
WP1-03	PENTHOUSE REFLECTED CEILING PLAN
WP1-04	BALLROOM REFLECTED CEILING PLAN
WP5-01	BALLROOM GUTTER - DETAILS
WP5-02	WALL AND SOFFIT REPAIR - DETAILS
WP9-01	EXISTING CONDITIONS PHOTO REFERENCES
WP9-02	EXISTING CONDITIONS PHOTO REFERENCES
WP9-03	DRAIN LOCATIONS PHOTO REFERENCES
P0-01	PLUMBING COVER SHEET
P1-01	BALLROOM ROOF - PLUMBING PLAN
P1-02	PENTHOUSE LEVEL STORM DRAIN PLUMBING - CONSTRUCTION PLAN
P1-03	BALLROOM LEVEL STORM DRAIN PLUMBING - CONSTRUCTION PLAN
P5-01	BALLROOM GUTTER DETAILS
P7-01	STORM DRAIN ISOMETRIC PLUMBING DIAGRAM

### LOCATION MAP:



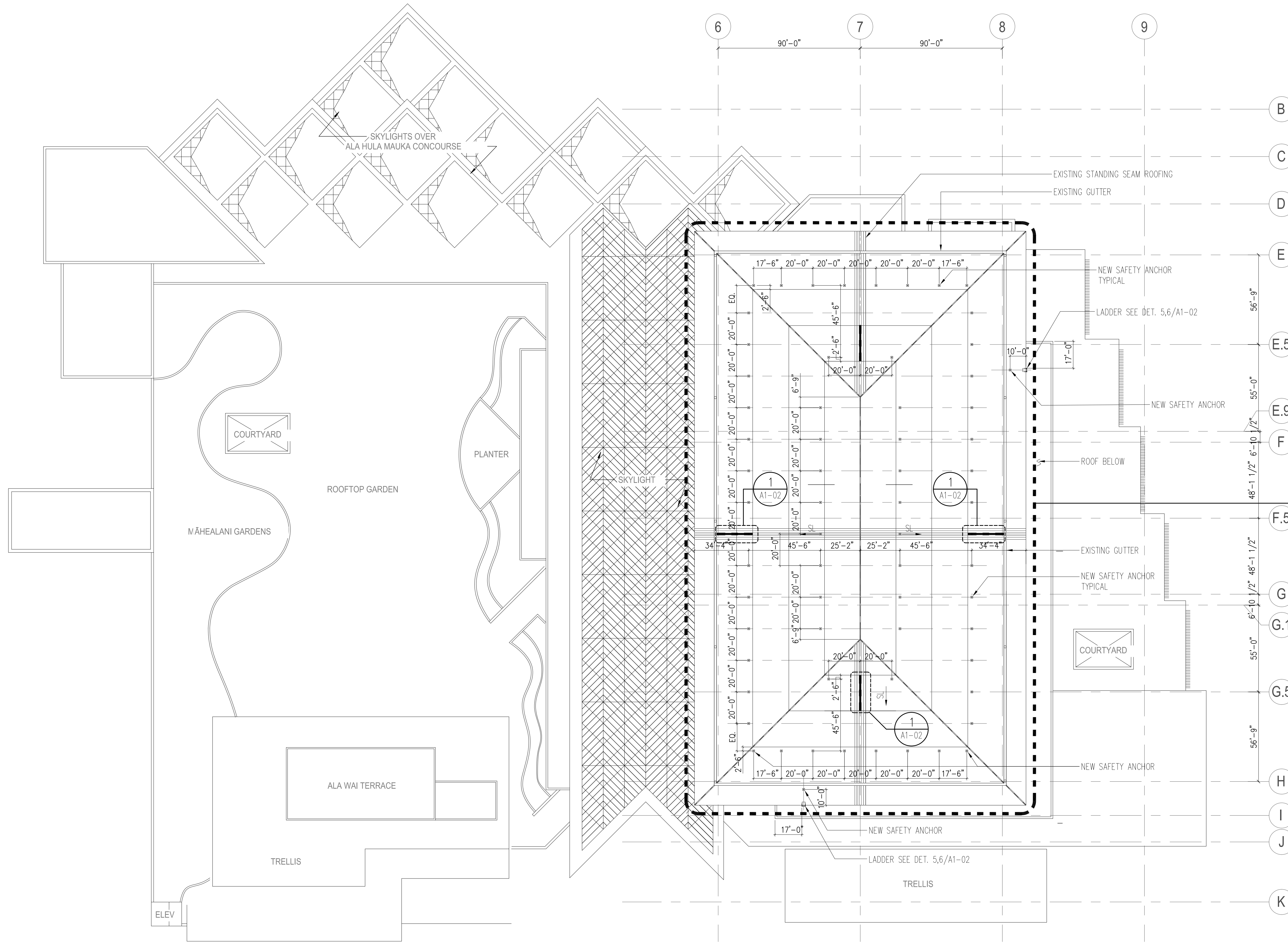
### VICINITY MAP: N.T.S.



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FULL SIZE SHEET IS 30" x 42"

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**MAIN DESIGN NOTES:**

- REMOVE AN ENTIRE LENGTH OF ROOF PANEL.
- CUT A HOLE FOR TIE-OFF POST PENETRATION IN PANEL.
- REPAIR UNDERPAYMENTS WHERE FOUND TO SEAL AROUND TIE-OFF POST.
- INSTALL POST BOOT.
- INSTALL A CONTINUOUS BEAD OF BUTYL SEALANT IN THE SEAM JOINT, REFIT PANELS TOGETHER, AND RE-CRIMPED ALONG THE ENTIRE LENGTH OF THE PANEL, AND INSTALL REPLACEMENT FASTENERS WHERE EXISTING.

**SAFETY ANCHOR NOTES:**

METAL INSTALL (PART #S 00654, 00657, AND 00659)

MINIMUM SUBSTRATE REQUIREMENT: 18 GAUGE OF REINFORCED WITH CB SPANNER PLATE (PAT # 00604, CONTACT GUARDIAN FOR MORE INFORMATION).

- PLACE CB-18 SELECTED INSTALLATION LOCATION.
- INSTALL ALL (60) FASTENERS UNTIL SNUG, AND ENSURE CB ANCHOR IS FULLY SECURED TO SUBSTRATE.
- ALL FASTENER MUST PENETRATE METAL DECKING BY AT LEAST 1/4".

METAL: #14x1/4, 2" METAL DECK SCREWS. QTY. 60. PLEASE NOTE THAT LONGER SCREWS MAY BE REQUIRED IN ORDER TO ACHIEVE THE MINIMUM NECESSARY SUBSTRATE PENETRATION. ALL FASTENERS MUST PENETRATE METAL DECKING BY AT LEAST 1/4".

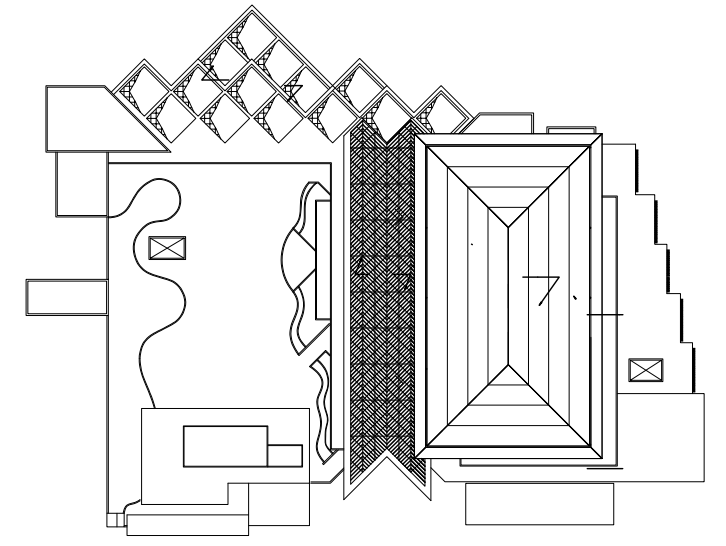
**A OVERALL ROOF PLAN**  
1/32" = 1'-0"



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 Lawrence W. Cunha Jr., AIA Exp. Date 4/30/26  
 NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:

**Project:**  
**HAWAII CONVENTION CENTER**  
**GUTTER REPAIR AND ROOF SAFETY ANCHOR**  
 1801 Kalakaua Ave  
 Honolulu, Hawaii, 96815  
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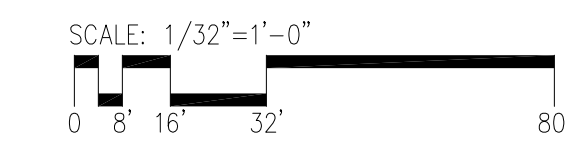
**Drawing:**  
**OVERALL ROOF PLAN**

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Phase: 100% CD  
 Proj Number: 24110  
 Date: JULY 9, 2024  
 Sheet:

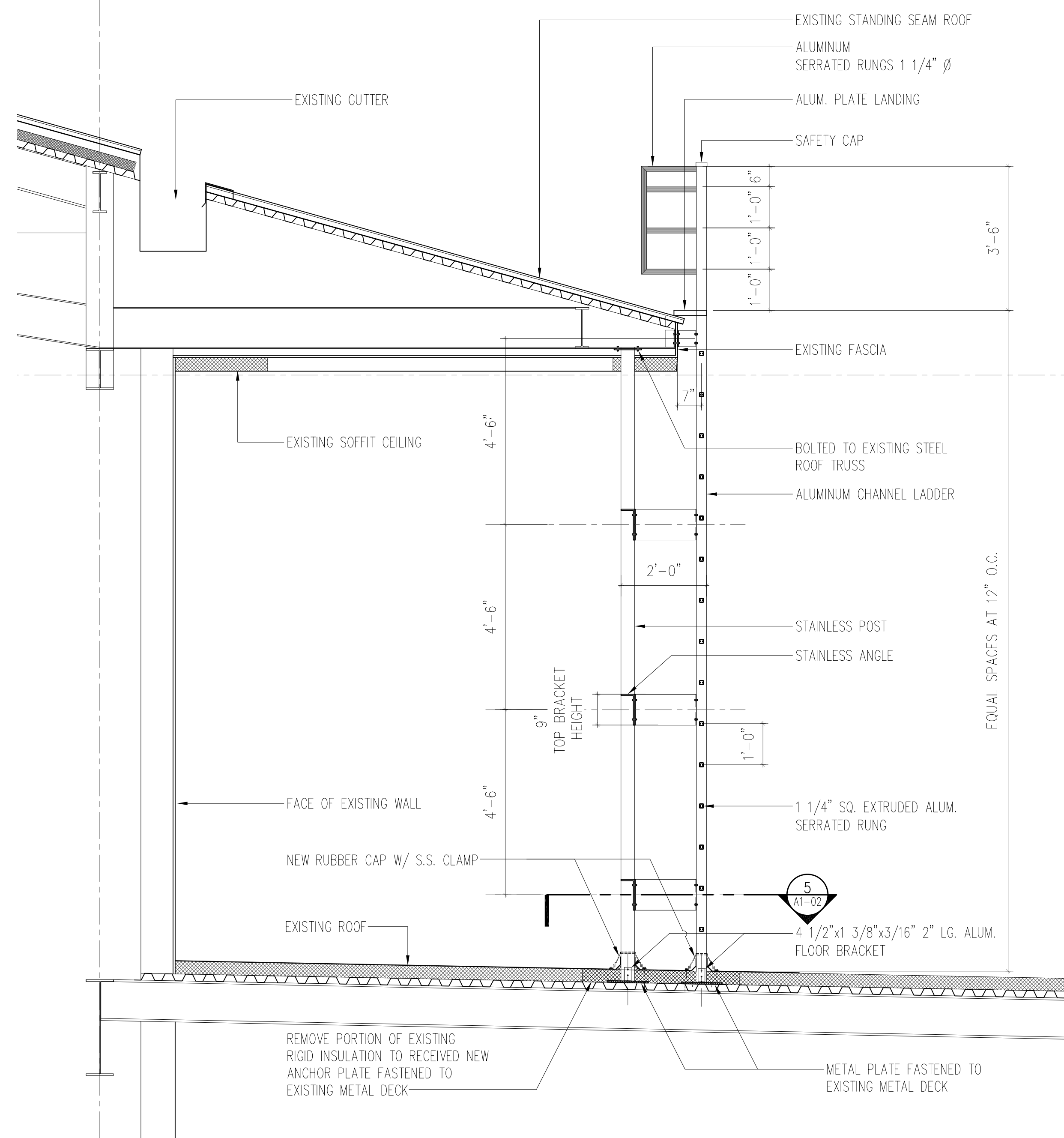
**A1-01**

OF SHEETS



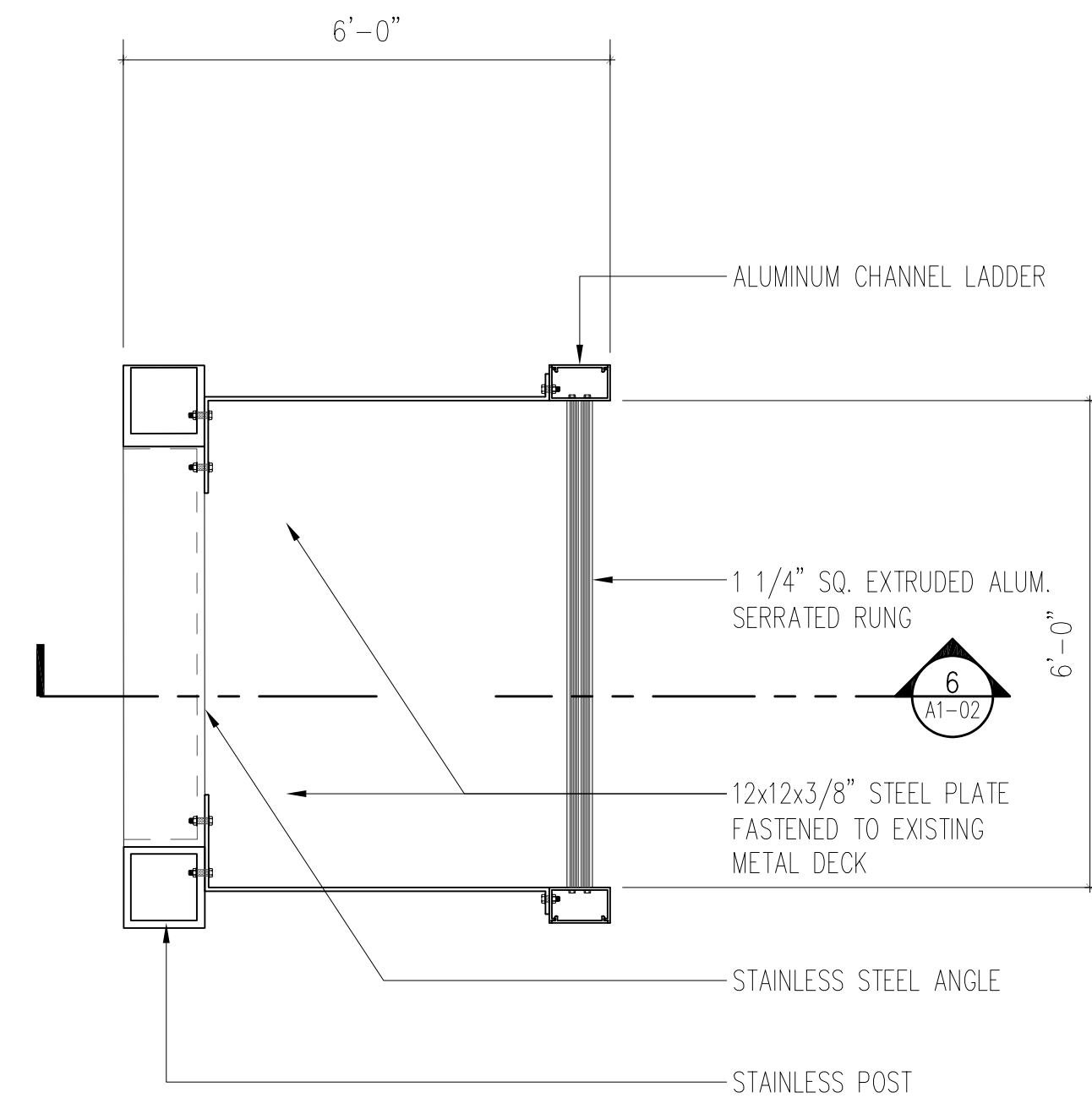
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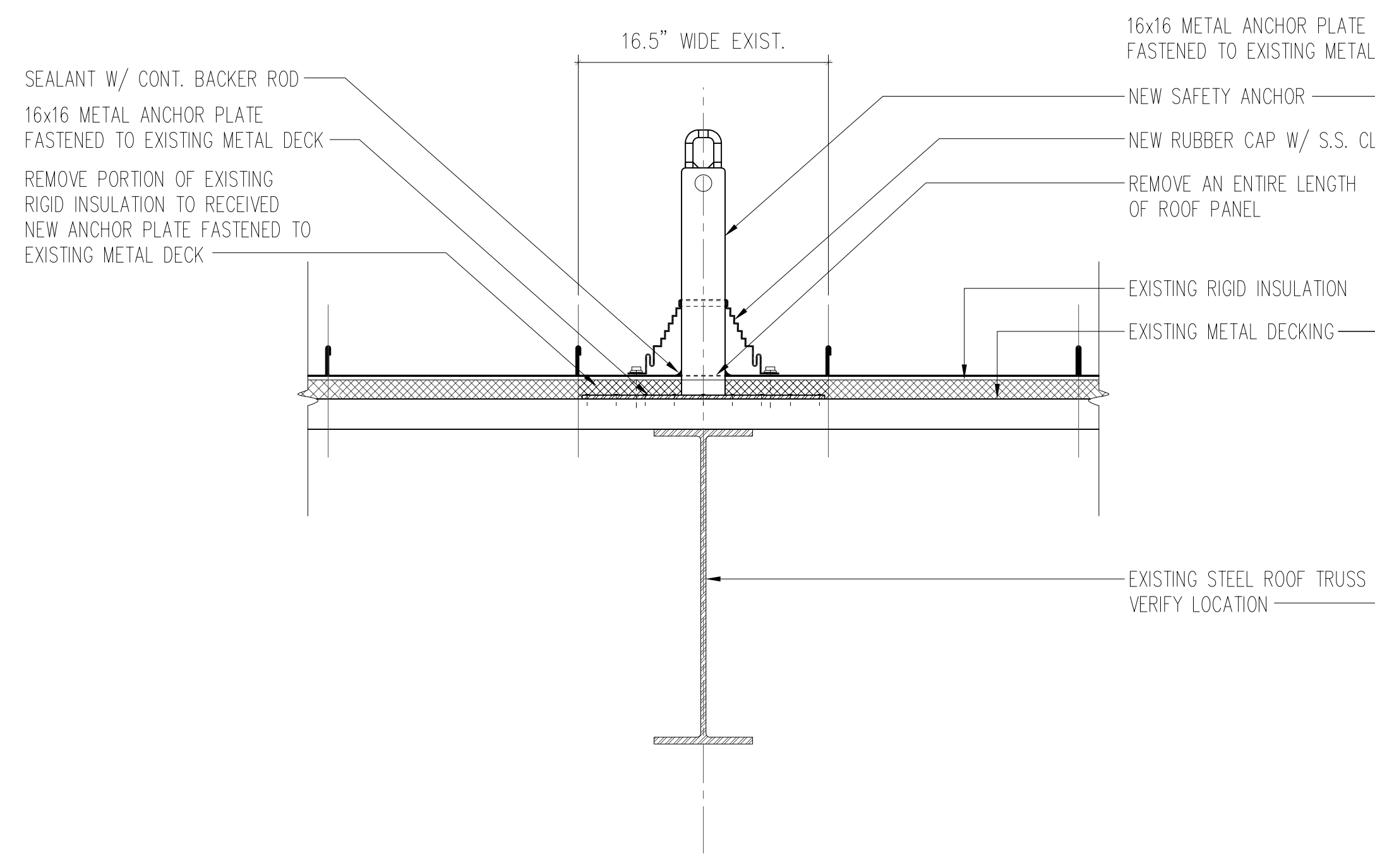
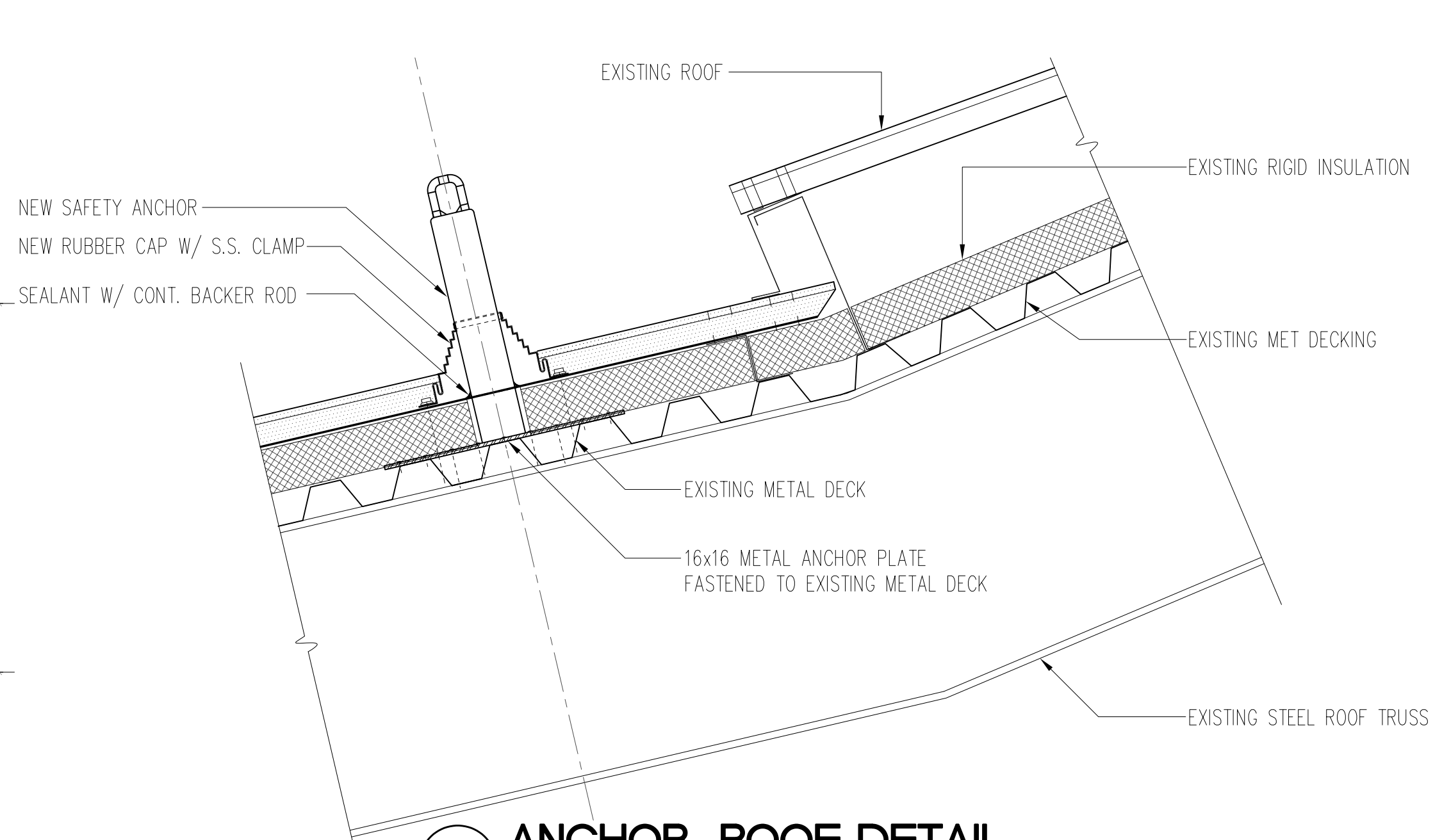


**6 LADDER DETAIL**  
1/2" = 1'-0" SCALE: 1/2" = 1'-0"

**5 LADDER PLAN**  
1 1/2" = 1'-0" SCALE: 1 1/2" = 1'-0"

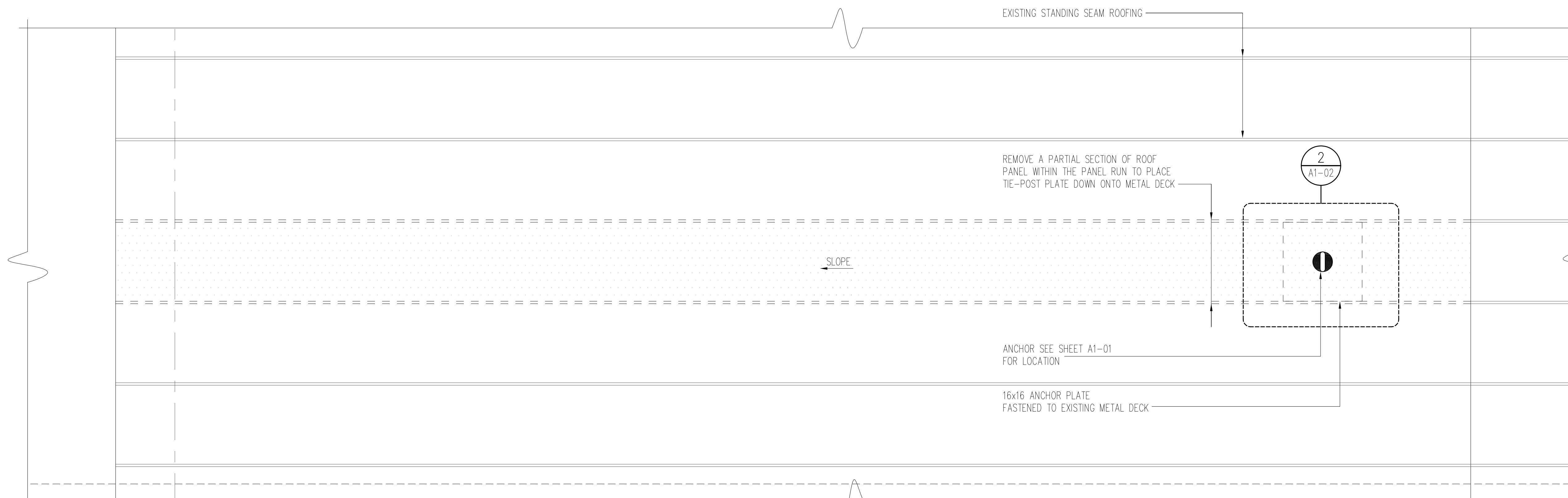
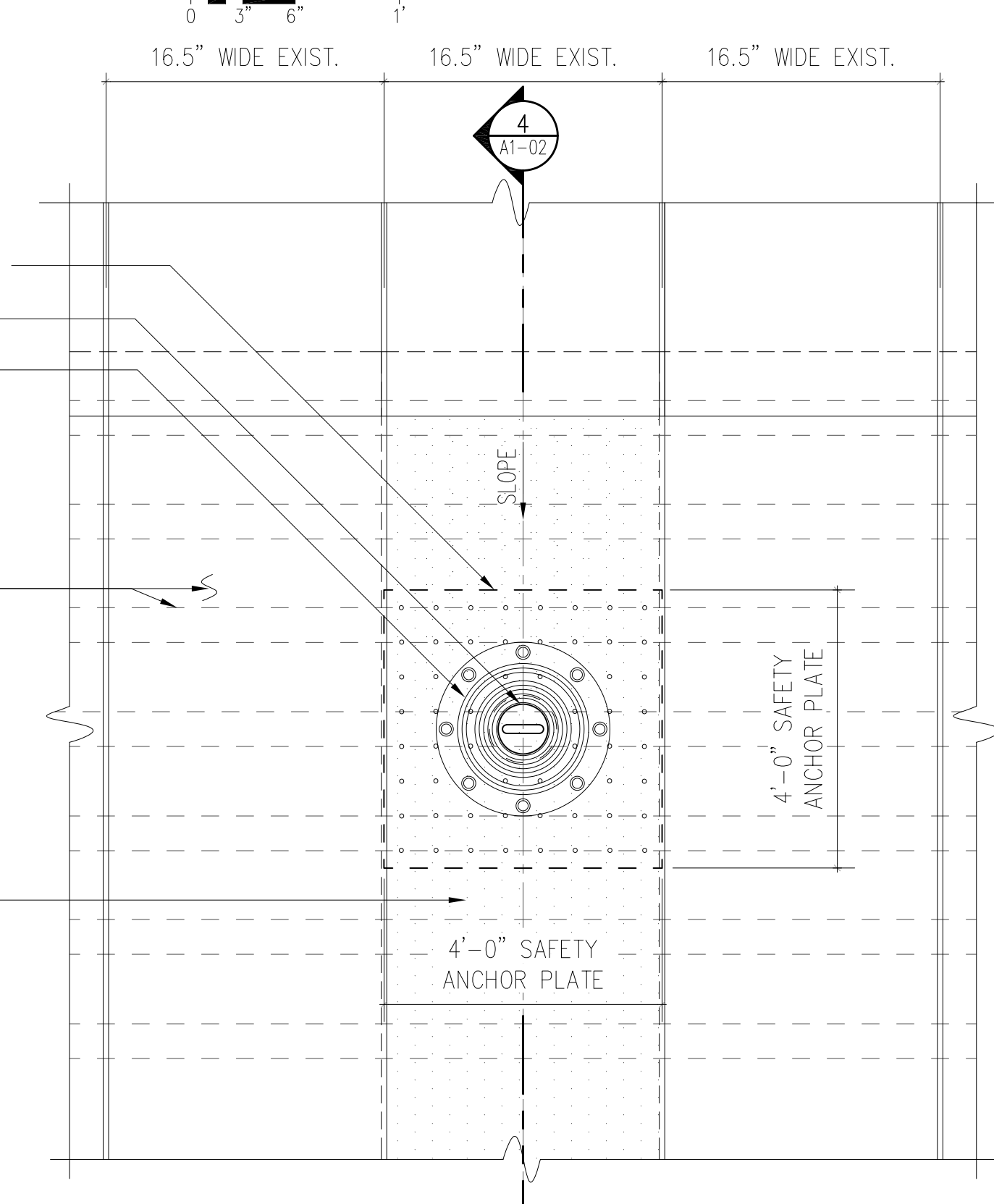


**4 ANCHOR ROOF DETAIL**  
1 1/2" = 1'-0" SCALE: 1 1/2" = 1'-0"



**3 ANCHOR ROOF DETAIL**  
1 1/2" = 1'-0" SCALE: 1 1/2" = 1'-0"

**2 ENLARGED ANCHOR PLAN DETAIL**  
1 1/2" = 1'-0" SCALE: 1 1/2" = 1'-0"



**1 ENLARGED PARTIAL ROOF PLAN**  
1 1/2" = 1'-0" SCALE: 1 1/2" = 1'-0"

- MAIN DESIGN NOTES:**
1. REMOVE AN ENTIRE LENGTH OF ROOF PANEL.
  2. CUT A HOLE FOR TIE-OFF POST PENETRATION IN PANEL.
  3. REPAIR UNDERLAYMENT WHERE FOUND TO SEAL AROUND TIE-OFF POST.
  4. INSTALL POST BOOT.
  5. INSTALL A CONTINUOUS BEAD OF BUTYL SEALANT IN THE SEAM JOINT, REFIT PANELS TOGETHER, AND RE-CRIMP ALONG THE ENTIRE LENGTH OF THE PANEL, AND INSTALL REPLACEMENT FASTENERS WHERE EXISTING.
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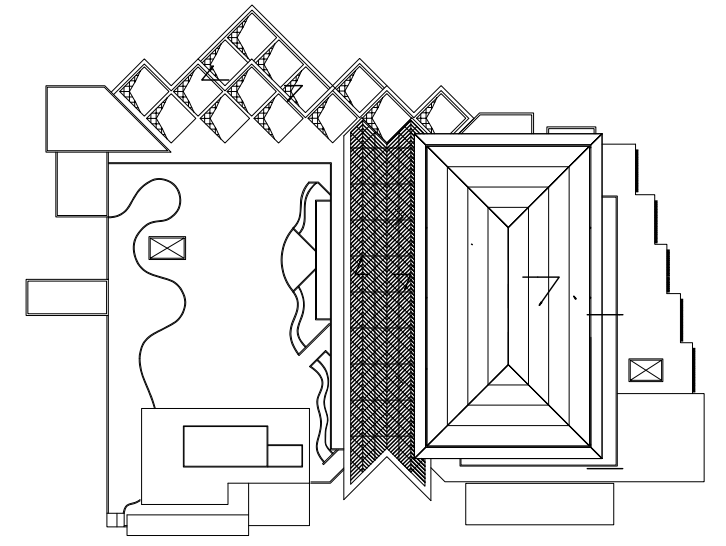
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*Lawrence W. Cunha, Jr.* 4/30/26  
Lawrence W. Cunha, Jr., AIA Exp. Date  
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Consultant:

Project:  
**HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR**  
1801 Kalakaua Ave  
Honolulu, Hawaii, 96815  
T.M.K.: 2-3-035:001



Drawing:  
**PARTIAL ENLARGED ROOF PLAN ANCHOR AND LADDER DETAILS**

Revisions	
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Phase: **100% CD**  
Proj Number: **24110**  
Date: **JULY 9, 2024**  
Sheet:

**A1-02**

OF SHEETS

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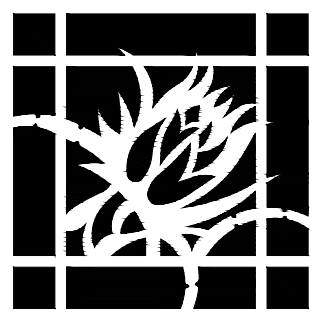
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# HAWAI'I CONVENTION CENTER

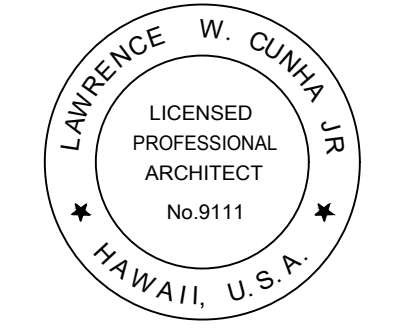
1801 KALĀKAUA AVE  
HONOLULU, HI 96815

## GUTTER REPAIR AND ROOF SAFETY ANCHOR

Architect:



**WCITARCHITECTURE**  
725 Kapiolani Boulevard, Suite C400 Honolulu, Hawaii 96813 Ph 808.592.2345 Fax 808.592.2350



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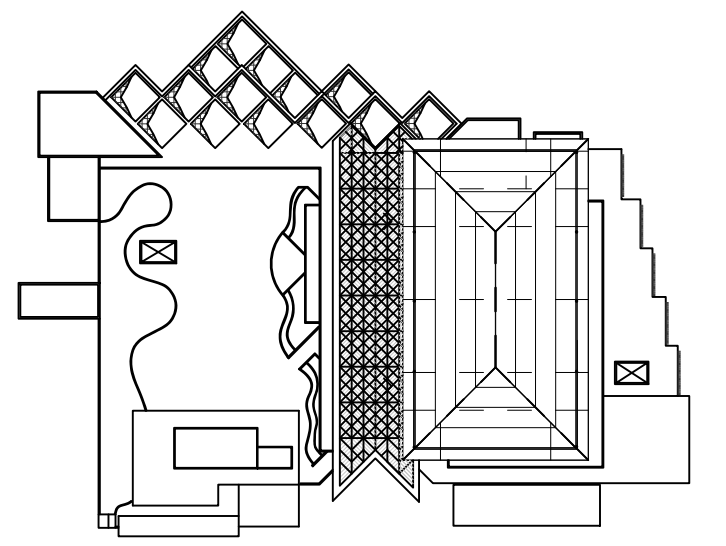
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Making Buildings Perform Better  
737 Bishop Street, Suite 2900 Honolulu, HI 96813  
p 808.538.0115 f 808.538.0117 abbae.com

100%  
CONSTRUCTION DOCUMENTS

Project:

**HAWAI'I CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR**

1801 Kalakaua Ave  
Honolulu, Hawaii, 96815



Drawing:  
**WATERPROOFING COVER SHEET**

Revisions

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Phase:

Proj Number: 24110

Date: JULY 9, 2024

Sheet:

# WP0.01

4 OF 19 SHEETS

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- WP1.02 - BALLROOM ROOF - CONSTRUCTION PLAN
- WP1.03 - PENTHOUSE REFLECTED CEILING PLAN
- WP1.04 - BALLROOM REFLECTED CEILING PLAN
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- WP9.01 - EXISTING CONDITIONS PHOTO REFERENCES
- WP9.02 - EXISTING CONDITIONS PHOTO REFERENCES
- WP9.03 - DRAIN LOCATIONS PHOTO REFERENCES

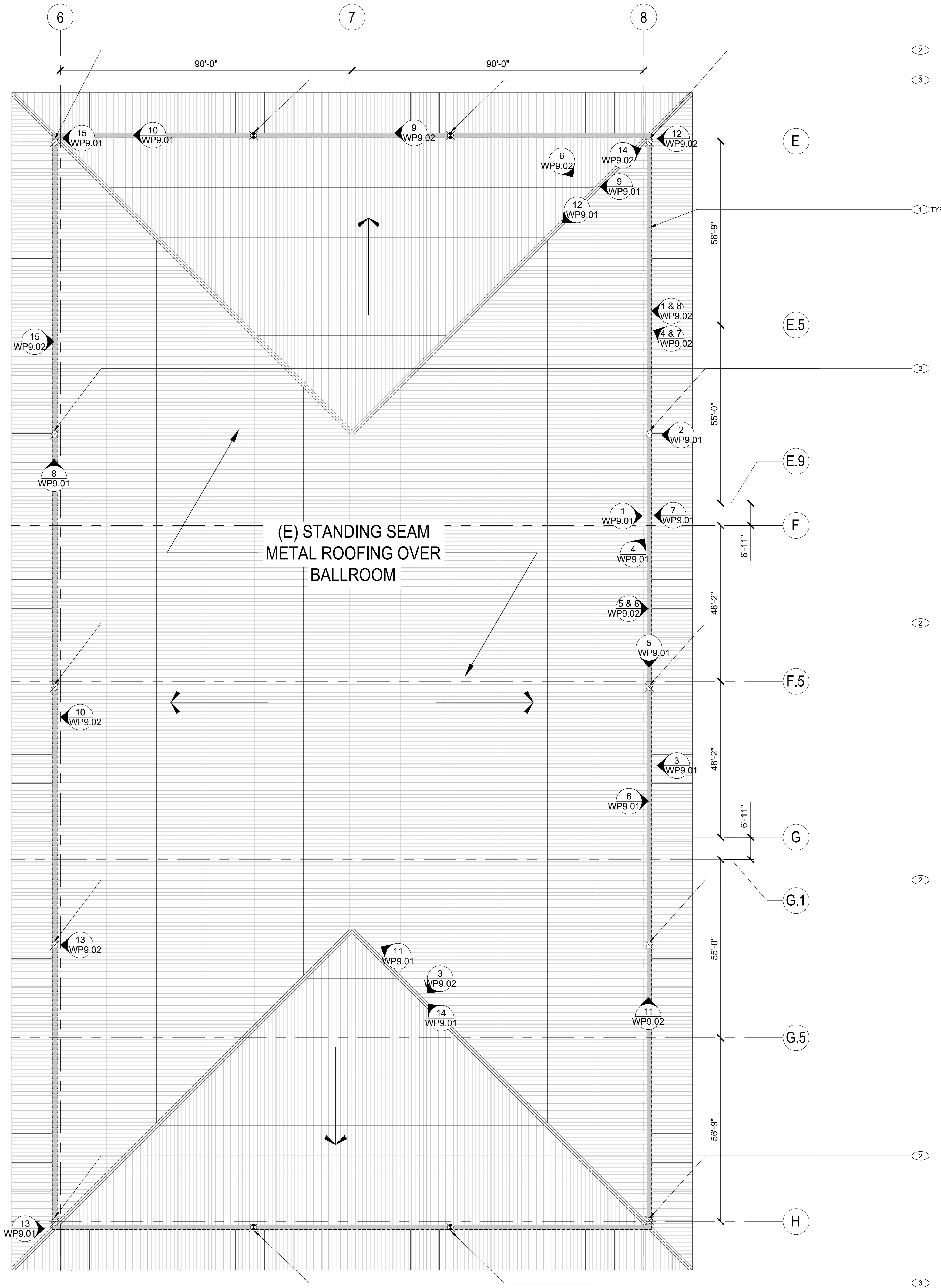
### ABBREVIATIONS

∠	ANGLE	EQUIP.	EQUIPMENT	N.T.S.	NOT TO SCALE	T.O.C.	TOP OF CONCRETE
CL	CENTERLINE	E.W.	EACH WAY	T.O.S.	TOP OF SLAB	T.O.S.	TOP OF SLAB
∅	DIAMETER, ROUND	EXP.	EXPANSION	TYP.	TYP.	TYP.	TYPICAL
⊥	PERPENDICULAR	EXT.	EXTERIOR	OA	OVERALL	UNF.	UNFINISHED
#	POUND, NUMBER	F.D.	FLOOR DRAIN	OBSC.	OBSCURE	U.O.N.	UNLESS OTHERWISE NOTED
A.B.	ANCHOR BOLT	FND.	FOUNDATION	O.C.	ON CENTER	UR.	URINAL
ABBAE	ALLANA, BUICK AND BERS	F.E.	FIRE EXTINGUISHER	O.F.C.I.	OWNER FURNISHED AND CONTRACTOR INSTALLED		
A.C.	ASPHALTIC CONCRETE	F.E.B.	FIRE EXTINGUISHER CABINET	OFF.	OFFICE	V.C.T.	VINYL COMPOSITION TILE
A/C	AIR CONDITIONING	F.F.	FINISH FLOOR	O.H.	OVERHEAD	VERT.	VERTICAL
ACOUS.	ACOUSTICAL	FIN.	FINISH	OPNG.	OPENING	VEST.	VESTIBULE
A.A.	AREA DRAIN	FIX.	FIXTURE	OPP.	OPPOSITE	V.I.F.	VERIFY IN FIELD
ADJ.	ADJUSTABLE, ADJACENT	FL.	FLOOR	PART.	PARTITION	W	WIDE / WIDTH
A.F.F.	ABOVE FINISH FLOOR	FLASH.	FLASHING	P.B.	PARTICLE BOARD	W/	WITH
ALUM.	ALUMINUM	FLOOR.	FLUORESCENT	P.D.	PLANTER DRAIN	W.C.	WATER CLOSET
ALT.	ALTERNATE	F.O.	FACE OF	PLBG.	PLUMBING	W.H.	WATER HEATER
A.P.	ACCESS PANEL	F.O.C.	FACE OF CONCRETE	PNT.	PAINT	W.I.	WROUGHT IRON
APPROX.	APPROXIMATE	F.O.F.	FACE OF FINISH	PREFAB.	PREFABRICATED	WD.	WOOD
ARCH.	ARCHITECT	F.O.S.	FACE OF STUDS	P.T.	PRESSURE TREATED	W.O.	WHERE OCCURS
BD.	BOARD	F.P.	FIREPROOF	PL.	PLATE	W/O	WITHOUT
BIT.	BITUMINOUS	F.R.	FIRE RESISTANT	P.LAM.	PLASTIC LAMINATE	W/P	WATERPROOFING
BLDG.	BUILDING	FRMG.	FRAMING	PLAS.	PLASTER	W.R.	WATER RESISTANT
BLK.	BLOCK	FT.	FOOT, FEET	PLWD.	PLYWOOD	WRB	WEATHER RESISTIVE BARRIER
BLKG.	BLOCKING	FTG.	FOOTING	P.O.C.	POINT OF CONNECTION	W.S.	WOOD SCREW
BM.	BEAM	FURR.	FURRING	PR.	PAIR	WNSCT.	WAINSCOT
BOT.	BOTTOM	GA.	GAUGE	R	RADIUS	WT.	WEIGHT
B.O.S.	BOTTOM OF SILL	GAL.	GALVANIZED	(R)	REMOVE	W.W.F.	WELDED WIRE FABRIC
BTWN.	BETWEEN	G.B.	GRAB BAR	R.B.	RESILIENT BASE		
B.U.R.	BUILT-UP ROOFING	GYB.	GYPSUM BOARD	R.D.	ROOF DRAIN		
CAB.	CABINET	G.I.	GALVANIZED IRON	R.D.M.	REMOVE DAMAGED MATERIAL		
CARP.	CARPET	G.F.I.	GROUND FAULT INTERRUPT	RDWD.	REDWOOD		
CEM.	CEMENT	GL.	GLASS	REF.	REFERENCE		
CNTR.	CENTER	GLB.	GLUE-LAMINATED BEAM	REFG.	REFRIGERATOR		
CER.	CERAMIC	GND.	GROUND	REG.	REGISTER		
C.J.	CONTROL JOINT	GR.	GRADE	REINF.	REINFORCED		
CLO.	CLOSET	GYP.	GYPSUM	RESIL.	RESILIENT		
CLG.	CEILING	H.R.	HAND RAIL	RET.	RETAINING		
CLKG.	CAULKING	H.B.	HOSE BIBB	REV.	REVISION, REVISED		
C.O.	CLEAN-OUT	H.C.	HOLLOW CORE	RM.	ROOM		
CLR.	CLEAR	HDR.	HEADER	R.O.	ROUGH OPENING		
COL.	COLUMN	HDWE.	HARDWARE	RSR.	RISER		
COMP.	COMPOSITION	H.M.	HOLLOW METAL	RWL.	RAIN WATER LEADER		
CONC.	CONCRETE	HR.	HOUR	S.A.C.	SUSPENDED ACOUSTICAL CEILING		
CONN.	CONNECTION	HT.	HEIGHT	SAF.	SELF ADHERED FLASHING		
CONST.	CONSTRUCTION	I.D.	INSIDE DIAMETER	S.C.	SOLID CORE		
CONT.	CONTINUOUS	INSUL.	INSULATION	SCHED.	SCHEDULE		
CORR.	CORRIDOR	INT.	INTERIOR	S.D.	SOAP DISPENSER		
CTSK.	COUNTERSINK	JAN.	JANITOR	SDBO.	SEE DRAWINGS BY OTHERS		
COUNT.	COUNTER	JST.	JOIST	SECT.	SECTION		
DBL.	DOUBLE	JT.	JOINT	S.E.D.	SEE ELECTRICAL DWGS.		
DEMO.	DEMOLISH	LAM.	LAMINATE	SHLF.	SHELF		
DET.	DETAIL	LAV.	LAVATORY	SHT.	SHEET		
D.F.	DOUGLAS FIR	LIN.	LINEAR	SIM.	SIMILAR		
DRF.	DRINKING FOUNTAIN	LOC.	LOCATION	S.M.	SHEET METAL		
DIA.	DIAMETER	LNG.	LONG	S.M.D.	SEE MECH. DRAWINGS		
DIAG.	DIAGONAL	LT.	LIGHT	SPEC.	SPECIFICATION		
DIM.	DIMENSION	MAX.	MAXIMUM	SQ.	SQUARE		
DISP.	DISPENSER	M.B.	MACHINE BOLT	S.S.	STAINLESS STEEL		
DN.	DOWN	MECH.	MECHANICAL	S.S.D.	SEE STRUCTURAL DWGS.		
DR.	DOOR	MEM.	MEMBRANE	STD.	STANDARD		
D.S.	DOWN SPOUT	MFR.	MANUFACTURER	STL.	STEEL		
DWG.	DRAWING	MIN.	MINIMUM	STOR.	STORAGE		
DRW.	DRAWER	MIR.	MIRROR	STRUCT.	STRUCTURAL		
E	EAST	MISC.	MISCELLANEOUS	SPD.	SUSPENDED		
(E)	EXISTING	MTD.	MOUNTED	S.V.	SHEET VINYL		
EA.	EACH	MTL.	METAL	SYM.	SYMMETRICAL		
E.B.	EXPANSION BOLT	MULL.	MULLION	T.B.	TOWEL BAR		
E.F.	EXHAUST FAN	N	NORTH	T.O.C.	TOP OF CURB		
E.J.	EXPANSION JOINT	N.I.C.	NOT IN CONTRACT	T.D.	TIE DOWN		
ELEC.	ELECTRICAL	NO.	NUMBER	TEL.	TELEPHONE		
ELEV.	ELEVATION	NOM.	NOMINAL	TEMP.	TEMPERED		
ELENG.	EMERGENCY			THK.	THICK		
ENCL.	ENCLOSURE			THR.	THRESHOLD		
E.P.	ELECTRICAL PANEL			T.O.	TOP OF		
EQ.	EQUAL						

### SYMBOLS LEGEND

SYMBOL	DESCRIPTION	DETAIL NO. (IF ANY)	SYMBOL	DESCRIPTION	DETAIL NO. (IF ANY)
CRICKETS / SLOPE			MISCELLANEOUS		
←	SLOPE		#	DETAIL NUMBER	
			#	SECTION CUT	
			AXXX	SHEET NUMBER	
			#	DETAIL NUMBER	
			AXXX	ELEVATION CALL OUT	
			#	SHEET NUMBER	
			#	DETAIL NUMBER	
			AXXX	DETAIL CALL OUT	
			#	SHEET NUMBER	
			#	WINDOW TYPE	
			#	DOOR NO. (EXISTING TO REMAIN)	
			#	SHEET KEY NOTE	
			○	ALIGN	

FULL SIZE SHEET IS 30" x 42"



LEGEND:

- (N) DRAIN LOCATION - MODIFY GUTTER SHELL AND METAL DECKING AS DETAILED TO INSTALL NEW DRAIN LOCATION
- (E) ROOF DRAINS (INSIDE ROOF GUTTER) TO BE REMOVED AND REPLACED
- (E) GUTTER WATERPROOFING ASSEMBLY TO BE REMOVED AND DISPOSED OF
- ROOF SLOPE
- (E) STANDING SEAM METAL ROOFING
- PHOTO REFERENCE MARKER

GENERAL NOTES

- A. (E) STANDING SEAM METAL ROOFING PANELS TO REMAIN, PROTECT IN PLACE (STAND SEAM RIDGES NOT SHOWN FOR CLARITY).
- B. OTHER ADJACENT ROOFS OF BALLROOM ROOF NOT DEPICTED ON DRAWING.

GENERAL SUMMARY OF WORK

- A. ALL (E) EXPOSED ROOFING SCREWS TO BE REMOVED AND REPLACED, SEE GENERAL SHEET NOTE A ON WP1.02.
- B. REMOVE AND DISPOSE OF ALL (E) WATERPROOFING WITHIN GUTTERS.
- C. REMOVE AND DISPOSE OF ALL (E) DRAINS.
- D. CUT HOLES IN GUTTER SHELL AND METAL DECKING FOR NEW DRAIN LOCATIONS.

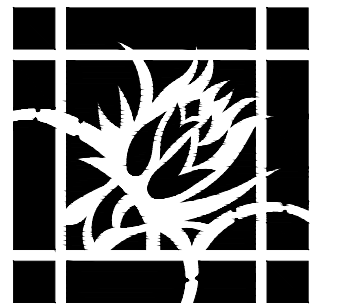
SHEET NOTES (AS NOTED WITH #):

1. (E) CONTINUOUS INTEGRAL ROOF GUTTER:
  - A. (E) SHEET METAL FLASHING AT EACH SIDE OF GUTTER WHICH IS SECURED TO (E) STANDING SEAM METAL ROOFING TO BE REMOVED, PROTECTED AND REINSTALLED AFTER WATERPROOFING IS INSTALLED
  - B. (E) GUTTER WATERPROOFING ASSEMBLY COMPRISED OF A SHEET MEMBRANE OVER COVER BOARD OVER RIGID INSULATION TO BE REMOVED AND DISPOSED OF.
  - C. PREPARE SURFACE OF (E) GUTTER METAL SHELL TO BE CLEANED AND RENDERED A SHINY METAL IN ACCORDANCE WITH WATERPROOFING MANUFACTURERS WRITTEN INSTRUCTIONS.
2. REMOVE AND DISPOSE OF (E) GUTTER DRAINS FOR REPLACEMENT.
3. CUT HOLE IN (E) METAL GUTTER SHELL AND METAL DECK FOR PLACEMENT OF NEW DRAIN AND LOCATION. CONFIRM IN FIELD ALL LOCATIONS TO ENSURE THERE ARE NO CONFLICTS WITH ITEMS SUCH AS; ROOF FRAMING, PIPING AND MECHANICAL EQUIPMENT.

GENERAL DEMOLITION NOTES

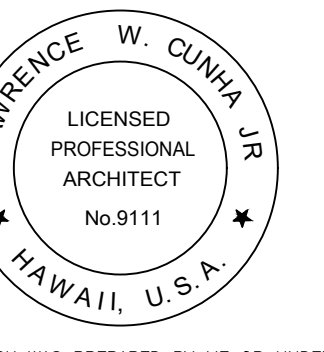
- A. THE DRAWINGS ARE BASED UPON THE LIMITED AVAILABLE ORIGINAL CONSTRUCTION DRAWINGS (HISTORICAL). THE CONTRACTOR SHALL VISIT THE JOB SITE TO FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND OBSTRUCTIONS.
- B. THE CONTRACTOR SHALL REVIEW ALL DOCUMENTS AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL CONFIRM THAT WORK IS CONSTRUCTABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS, ETC., SHALL BE IMMEDIATELY REPORTED TO THE OWNER'S REPRESENTATIVE. CONSTRUCTION MANAGER, WATERPROOFING CONSULTANT, AND ARCHITECT IN WRITING FOR CLARIFICATION PRIOR TO PERFORMANCE OF ANY WORK IN QUESTION.
- C. THE EXTENT OF REMOVAL AS INDICATED IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXTENT OF REMOVAL WORK TO PROPERLY ACCOMMODATE THEIR METHOD OF CONSTRUCTING FOR NEW WORK AS REQUIRED. ADDITIONAL REMOVAL, PATCHING, AND RESTORATION REQUIRED TO ACCOMMODATE CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO THE NEW WORK.
- D. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND OTHER SITE CONDITIONS TO REMAIN. ANY DAMAGES RESULTING DIRECTLY OR INDIRECTLY FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AND/OR REPLACED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- E. LOCATIONS OF ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN WORKING NEAR UTILITIES. ANY AND ALL DAMAGE SHALL BE IMMEDIATELY REPAIRED AND/OR RESTORED TO ITS ORIGINAL CONDITION BY THE CONTRACTOR AT THEIR COST. UTILITIES SHALL INCLUDE BUT NOT BE LIMITED TO STORM DRAIN PIPING, FIRE SPRINKLERS, ELECTRICAL, TELEPHONE/DATA, SEWER, WATER, ETC.
- F. THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO UTILITIES PRESENT BEFORE DEMOLITIONS OF ANY SORT. SHOULD ANY UTILITIES BE DAMAGED IN THE PROCESS OF DEMOLITION THE CONTRACTOR SHALL REPAIR THE UTILITIES AT NO EXTRA COST TO THE OWNER. ANY CLAIMS FILED DUE TO THE DISRUPTION OF THE UTILITY SERVICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- G. PROTECT THAT DEBRIS DOES NOT ENTER EXISTING STORM DRAIN PIPING WHEN DRAINS ARE REMOVED OR REPLACED.

Architect:



WCITARCHITECTURE

735 Kapiolani Boulevard, Suite C400 Honolulu, Hawaii 96813 Ph 808.592.2345 Fax 808.592.2350



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. Lawrence W. Cunha, Jr., AIA, Exp. Date: 4/30/26. NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:



Making Buildings Perform Better

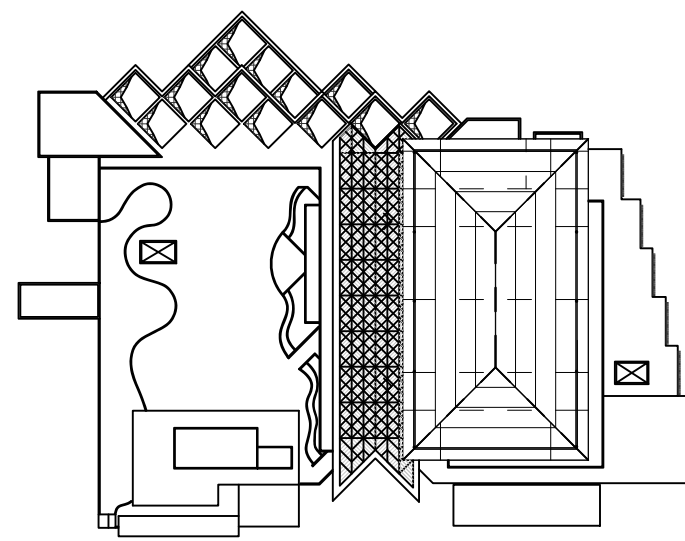
737 Bishop Street, Suite 2900 Honolulu, HI 96813 p 808.538.0115 f 808.538.0117 abbae.com

100% CONSTRUCTION DOCUMENTS

Project:

HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR

1801 Kalakaua Ave Honolulu, Hawaii, 96815



Drawing:

BALLROOM ROOF - DEMOLITION PLAN

Revisions

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△	△
△	△
△	△

Phase:

Proj Number: 24110

Date: JULY 9, 2024

Sheet:

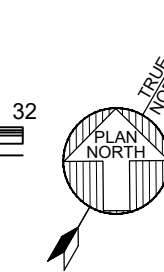
WP1.01

5 OF 19 SHEETS

1 BALLROOM ROOF - DEMOLITION PLAN

WP1.01

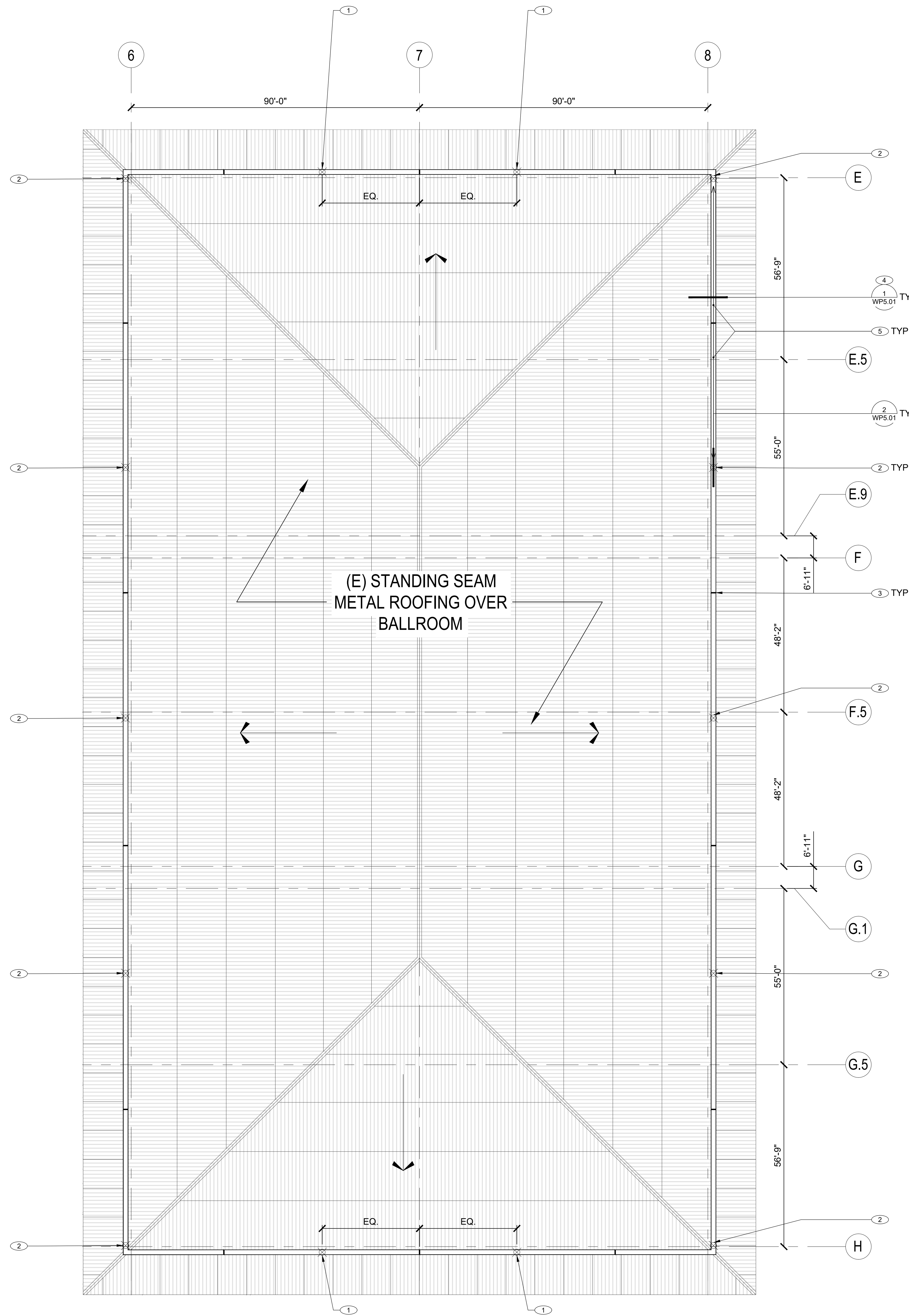
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1 INCH AT FULL SCALE. IF NOT 1 INCH THIS DRAWING HAS BEEN REPRODUCED (NOT TO SCALE SHOWN)

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FULL SIZE SHEET IS 30" x 42"



**LEGEND:**

- ⊗ (N) DRAIN LOCATION AND CONNECTED TO (N) STORM DRAIN PIPING, SEE PLUMBING DRAWINGS
- ⊗ REPLACEMENT ROOF DRAINS (INSIDE ROOF GUTTER) AND CONNECTED TO (E) & (N) STORM DRAIN PIPING, SEE PLUMBING DRAWINGS
- RIDGE (HIGH POINT) AT ROOF GUTTER SLOPING 2% MIN. TO GUTTER DRAINS
- ↘ (E) ROOF SLOPE

**GENERAL SUMMARY OF WORK**

- A. ALL (E) EXPOSED ROOFING SCREWS TO BE REPLACED WITH LARGER DIAMETER STAINLESS STEEL HIGH PERFORMANCE SELF-DRILLING SELF-TAPPING (SDST) ROOFING SCREWS w/ BONDED EPDM SEALING WASHERS, TYP.
  1. SELF TAPPING, BACKOUT RESISTANT, TYPE 304 STAINLESS STEEL, 3/8" DIA. HEX HEAD WITH .001" THK. EPDM SEALING WASHER, 14 PT. X 1/4" DIA. AND LENGTH TO MATCH EXISTING. (BOD: BLAZER BI-METAL SELF-DRILLING SCREWS, OR APPROVED SUBSTITUTE.
- B. CLEAN AND PREPARE (E) GUTTER SHELL TO RECEIVE FLUID-APPLIED WATERPROOFING MEMBRANE PER MANUFACTURERS RECOMMENDATIONS.
- C. INSTALL FLUID-APPLIED WATERPROOFING WITHIN GUTTERS.
- D. INSTALL REPLACEMENT DRAINS, REFER ALSO TO PLUMBING DRAWINGS.
- E. INSTALL DRAINS AT NEW DRAIN LOCATIONS, REFER ALSO TO PLUMBING DRAWINGS.

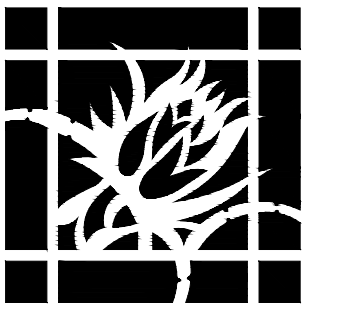
**SHEET NOTES (AS NOTED WITH #):**

1. INSTALL GUTTER DRAINS AT NEW LOCATIONS AND PROVIDE STORM DRAIN PIPING TO (E) RISERS, SEE PLUMBING DRAWINGS.
2. INSTALL REPLACEMENT GUTTER DRAIN IN (E) LOCATION, SEE PLUMBING DRAWINGS.
3. WATERPROOFING ASSEMBLY WITH A RIDGE CONDITION LOCATED MID DISTANCE BETWEEN DRAINS, TYPICAL.
4. INSTALL FULLY ADHERED ROOFING ASSEMBLY WITHIN GUTTER COMPRISED OF RIGID INSULATION, GEMENT COVER BOARD AND REINFORCED PMMA FLUID-APPLIED WATERPROOFING, SEE 1/WP5.01.
5. SLOPE WITHIN GUTTER TYPICAL FROM RIDGE (HIGH POINT) DOWN TO DRAIN / SUMP, TYP.

**GENERAL CONSTRUCTION NOTES**

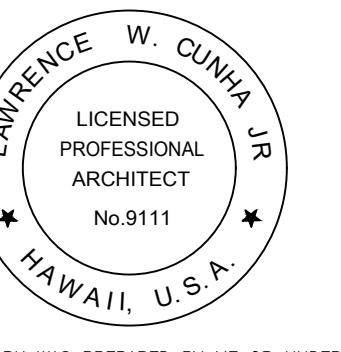
- A. WHERE NEW CONSTRUCTION ABUTS (E) CONSTRUCTION TO REMAIN, ALL CONDITIONS AFFECTING WORK PROGRESS AND CONFORMANCE TO PLANS AND SPECIFICATIONS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF WORK.
- B. ALL WORK MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF APPLICABLE STATE AND/OR LOCAL CODES, LAWS OR ORDINANCES, STATUTES AND REGULATIONS. NOTHING IN THE DRAWINGS OR SPECIFICATIONS SHALL BE CONSTRUED AS REQUIRING OR PERMITTING WORK CONTRARY TO THESE RULES, REGULATIONS AND CODES.
- C. CONTRACTOR SHALL ASSUME THAT ALL THE MATERIALS CALLED OUT ON THE DRAWINGS ARE NEW (N) UNLESS NOTED AS EXISTING (E).
- D. THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS AND TYPICAL DETAILS OF CONSTRUCTION. THE DRAWINGS DO NOT ILLUSTRATE EVERY CONDITION; WORK NOT EXPRESSLY DETAILED SHALL BE OF CONSTRUCTION SIMILAR TO PARTS THAT ARE DETAILED. WHERE DISCREPANCIES OCCUR, THEY SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE, CONSTRUCTION MANAGER, WATERPROOFING CONSULTANT, AND ARCHITECT IN WRITING FOR RESOLUTION BEFORE PROCEEDING WITH WORK.
- E. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR WATERPROOFING ASSEMBLY, FASTENERS, COATINGS AND OTHER INDICATED COMPONENTS FOR REVIEW THAT THEY MEET DESIGN INTENT.
- F. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR REVIEW FOR ALL SPECIALTY CONNECTIONS, TRANSITIONS, AND TERMINATIONS OF ALL ITEMS OF THE WORK INCLUDING SADDLES, FLASHINGS, SHEET METAL FABRICATIONS AND OTHER INDUSTRY RECOGNIZED ITEMS THAT MAKE THE WORK COMPLETE.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE TO PLAN AND CONSTRUCT BEST MANAGEMENT PRACTICES (BMP) AS REQUIRED BY THEIR OPERATIONS TO COMPLY WITH ALL LAWS, STANDARDS, RULES, AND OR POLICIES OF THE CITY, STATE OR FEDERAL REGULATORY AGENCIES. UPON ACCEPTANCE OF THE PROJECT BY THE CITY, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL BEST MANAGEMENT PRACTICES AND TO RESTORE THE PROJECT SITE TO ITS ORIGINAL CONDITIONS OR BETTER.
- H. ALL SEALANT WORK SHALL BE IN ACCORDANCE WITH THE SWRI AND THE SEALANT MATERIAL MANUFACTURER. REQUIREMENTS SHOWN IN THE CONSTRUCTION DOCUMENTS ARE ABOVE AND BEYOND THAT REQUIRED BY THE REFERENCED STANDARDS. IF CONFLICTS SHOULD OCCUR BETWEEN STANDARDS AND/OR THE CONSTRUCTION DOCUMENTS, UTILIZE THE HIGHEST QUALITY OR MORE STRINGENT REQUIREMENT.
- I. PHOTO REFERENCES, REFER TO WP1.01.

Architect:



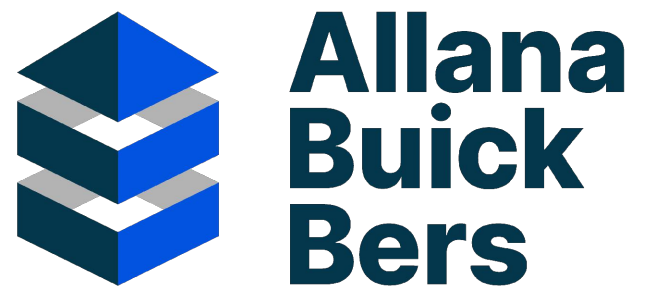
**WCITARCHITECTURE**

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 Lawrence W. Cunha, Jr., AIA Exp. Date 4/30/26  
 NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:



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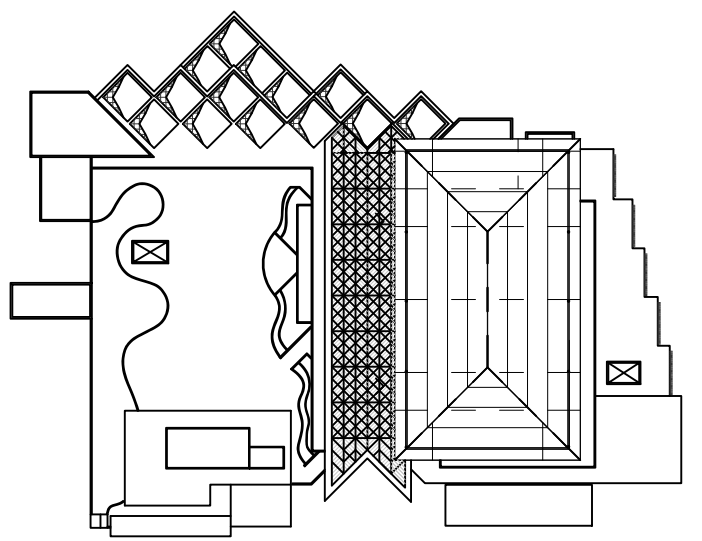
737 Bishop Street, Suite 2900 Honolulu, HI 96813 p 808.538.0115 f 808.538.0117 abbae.com

**100% CONSTRUCTION DOCUMENTS**

Project:

**HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR**

1801 Kalakaua Ave Honolulu, Hawaii 96815



Drawing:

**BALLROOM ROOF - CONSTRUCTION PLAN**

Revisions

△	△
△	△
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△	△

Phase:

Proj Number: 24110

Date: JULY 9, 2024

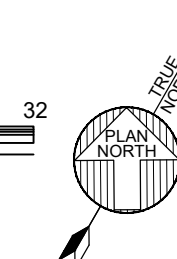
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**WP1.02**

6 OF 19 SHEETS

**BALLROOM ROOF - CONSTRUCTION PLAN**

SCALE: 1/16" = 1'-0"

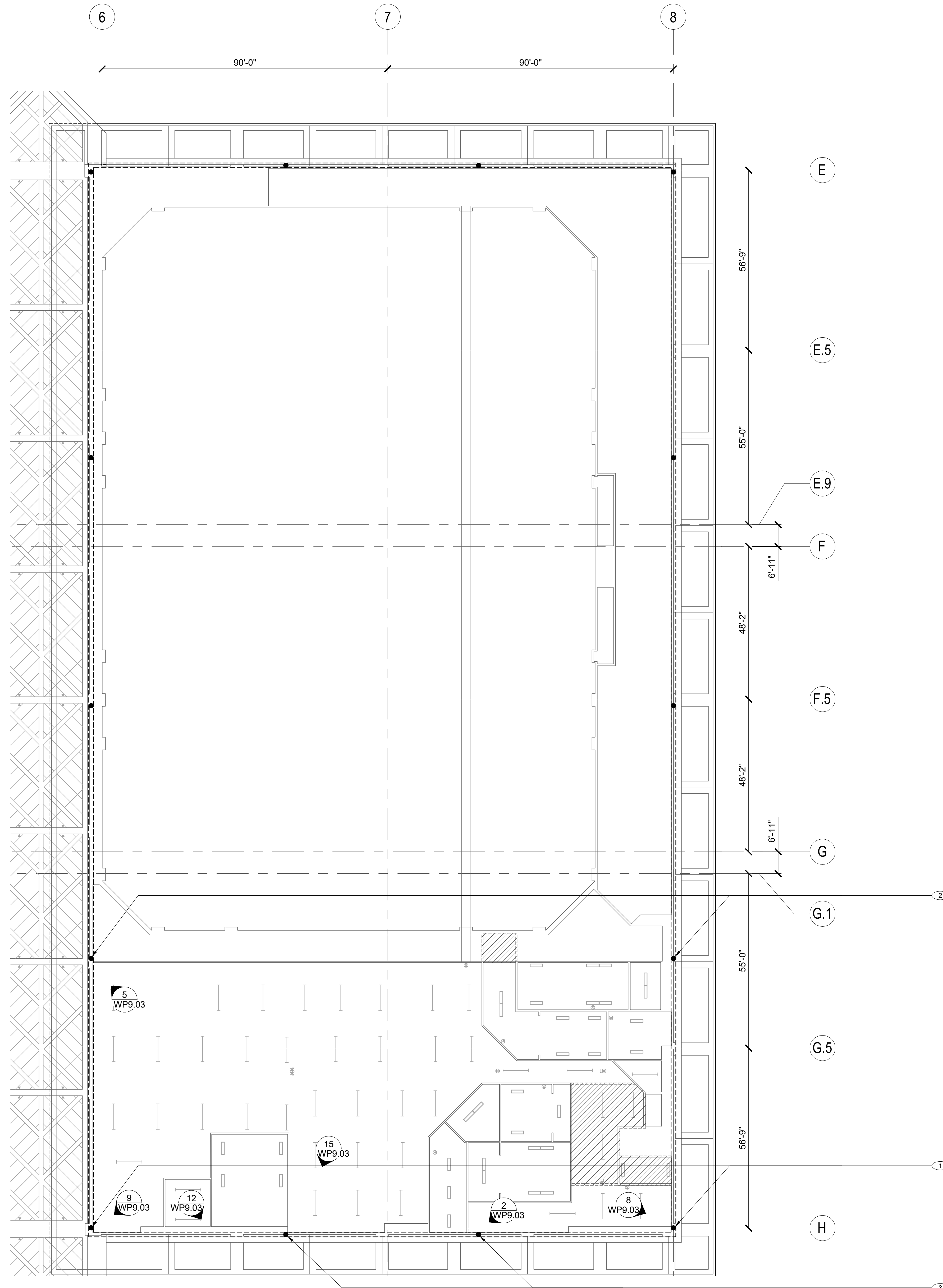


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FULL SIZE SHEET IS 30" x 42"

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1 PENTHOUSE REFLECTED CEILING PLAN  
WP1.03

SCALE: 1/16" = 1'-0"

LEGEND:

- DRAIN LOCATION ABOVE - REMOVE (E) FINISHES TO ATTACH STORM DRAIN PIPING, SEE ALSO WP1.04, AND REFER TO PLUMBING DRAWINGS
- (E) GUTTER ABOVE
- ⊗ WPX.XX PHOTO REFERENCE MARKER

GENERAL SCOPE NOTES

- A. CONNECT (E) STORM DRAIN PIPING TO REPLACEMENT GUTTER DRAIN LOCATIONS, SEE PLUMBING DRAWINGS & WP9.03.
- B. CONNECT (N) GUTTER DRAINS AND STORM DRAIN PIPING TO (E) STORM DRAINS RISERS, SEE PLUMBING DRAWINGS & WP9.03.
- C. INTERIOR PENTHOUSE AND BALLROOM SPACES SHALL BE PROTECTED DURING COURSE OF DEMOLITION AND CONSTRUCTION, DAILY CLEANED, AND ALL DAMAGED MATERIALS, ITEMS, ETC. SHALL BE REPAIRED/REPLACED AT NO COST TO OWNER.

SHEET NOTES (AS NOTED WITH (E)):

1. (E) DRAIN LOCATION: REMOVE AND REPLACE (E) BATT INSULATION AT CEILING AND WALLS TO ACCESS STORM DRAIN PIPING, INSULATION TO BE REPLACED LIKE IN KIND, SEE PLUMBING DRAWINGS & WP9.03.
2. (E) DRAIN LOCATION: REMOVE (E) GYPSUM SHEATHING, INSULATION, AND FRAMING AT WALLS AND CEILING TO ACCESS STORM DRAIN PIPING. SEE PLUMBING DRAWINGS & WP9.03. RESTORE ALL FINISHES TO MATCH ORIGINAL CONDITION AFTER NEW PIPING IS INSTALLED.
3. (N) DRAIN LOCATION: REMOVE AND REPAIR (E) GYPSUM SHEATHING, INSULATION, AND FRAMING AT CEILING AND WALLS TO ROUTE (N) STORM DRAIN PIPING TO (E) RISERS, SEE PLUMBING DRAWINGS & WP9.03.

GENERAL NOTES

- A. THE DRAWINGS ARE BASED UPON THE LIMITED ORIGINAL CONSTRUCTION DRAWINGS (HISTORICAL). THE CONTRACTOR SHALL VISIT THE JOB SITE TO FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND OBSTRUCTIONS
- B. THE CONTRACTOR SHALL REVIEW ALL DOCUMENTS AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL CONFIRM THAT WORK IS CONSTRUCTIBLE AS SHOWN. ANY CONFLICTS OR OMISSIONS, ETC. SHALL BE IMMEDIATELY REPORTED TO THE OWNER'S REPRESENTATIVE, CONSTRUCTION MANAGER, WATERPROOFING CONSULTANT, AND ARCHITECT IN WRITING FOR CLARIFICATION PRIOR TO PERFORMANCE OF ANY WORK IN QUESTION.
- C. THE EXTENT OF REMOVAL AS INDICATED IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXTENT OF REMOVAL WORK TO PROPERLY ACCOMMODATE THEIR METHOD OF CONSTRUCTING FOR NEW WORK AS REQUIRED. ADDITIONAL REMOVAL, PATCHING, AND RESTORATION REQUIRED TO ACCOMMODATE CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO THE NEW WORK.
- D. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND OTHER SITE CONDITIONS TO REMAIN. ANY DAMAGES RESULTING DIRECTLY OR INDIRECTLY FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AND/OR REPLACED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- E. LOCATIONS OF ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN WORKING NEAR UTILITIES. ANY AND ALL DAMAGE SHALL BE IMMEDIATELY REPAIRED AND/OR RESTORED TO ITS ORIGINAL CONDITION BY THE CONTRACTOR AT THEIR COST. UTILITIES SHALL INCLUDE BUT NOT BE LIMITED TO STORM DRAIN PIPING, FIRE SPRINKLERS, ELECTRICAL, TELEPHONE/DATA, SEWER, WATER, ETC.
- F. THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO UTILITIES PRESENT BEFORE DEMOLITIONS OF ANY SORT. SHOULD ANY UTILITIES BE DAMAGED IN THE PROCESS OF DEMOLITION THE CONTRACTOR SHALL REPAIR THE UTILITIES AT NO EXTRA COST TO THE OWNER. ANY CLAIMS FILED DUE TO THE DISRUPTION OF THE UTILITY SERVICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- G. PROTECT THAT DEBRIS DOES NOT ENTER EXISTING STORM DRAIN PIPING WHEN DRAINS ARE REMOVED OR INSTALLED.
- H. WHERE NEW CONSTRUCTION ABUTS (E) CONSTRUCTION TO REMAIN, ALL CONDITIONS AFFECTING WORK PROGRESS AND CONFORMANCE TO PLANS AND SPECIFICATIONS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF WORK.
- I. ALL WORK MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF APPLICABLE STATE AND/OR LOCAL CODES, LAWS OR ORDINANCES, STATUTES AND REGULATIONS. NOTHING IN THE DRAWINGS OR SPECIFICATIONS SHALL BE CONSTRUED AS REQUIRING OR PERMITTING WORK CONTRARY TO THESE RULES, REGULATIONS AND CODES.
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- K. THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS AND TYPICAL DETAILS OF CONSTRUCTION. THE DRAWINGS DO NOT ILLUSTRATE EVERY CONDITION; WORK NOT EXPRESSLY DETAILED SHALL BE OF CONSTRUCTION SIMILAR TO PARTS THAT ARE DETAILED. WHERE DISCREPANCIES OCCUR, THEY SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE, CONSTRUCTION MANAGER AND ARCHITECT IN WRITING FOR RESOLUTION BEFORE PROCEEDING WITH WORK.
- L. CONTRACTOR SHALL PROVIDE SUBMITTAL AND SHOP DRAWINGS FOR WATERPROOFING ASSEMBLY, FASTENERS, COATINGS AND OTHER COMPONENTS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- M. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL FOR ALL SPECIALTY CONNECTIONS, TRANSITIONS, AND TERMINATIONS OF ALL ITEMS OF THE WORK INCLUDING SADDLES, FLASHINGS, SHEET METAL FABRICATIONS AND OTHER INDUSTRY RECOGNIZED ITEMS THAT MAKE THE WORK COMPLETE.
- N. THE CONTRACTOR SHALL BE RESPONSIBLE TO PLAN AND CONSTRUCT BEST MANAGEMENT PRACTICES (BMP) AS REQUIRED BY THEIR OPERATIONS TO COMPLY WITH ALL LAWS, STANDARDS, RULES, AND OR POLICIES OF THE CITY, STATE OR FEDERAL REGULATORY AGENCIES. UPON ACCEPTANCE OF THE PROJECT BY THE CITY, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL BEST MANAGEMENT PRACTICES AND TO RESTORE THE PROJECT SITE TO ITS ORIGINAL CONDITIONS OR BETTER.
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- P. PHOTO REFERENCES, REFER TO WP9.03.

Architect:

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Ph 808.592.2345  
Fax 808.592.2350

LAWRENCE W. CUNHA JR.  
LICENSED PROFESSIONAL ARCHITECT  
No. 9111  
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Lawrence W. Cunha Jr., AIA  
Exp. Date: 4/30/26  
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:

**Allana Buick Bers**  
Making Buildings Perform Better

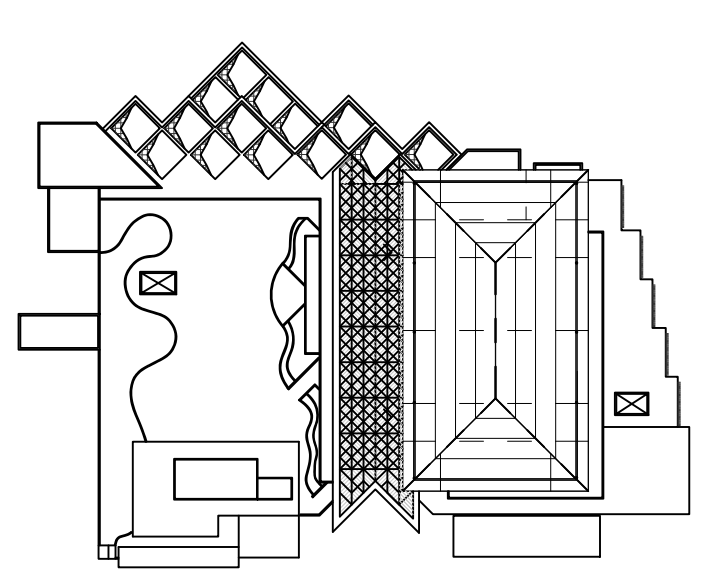
737 Bishop Street, Suite 2900 Honolulu, HI 96813  
p 808.538.0115 f 808.538.0117 abbae.com

100%  
CONSTRUCTION DOCUMENTS

Project:

**HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR**

1801 Kalakaua Ave  
Honolulu, Hawaii. 96815



Drawing:

**PENTHOUSE REFLECTED CEILING PLAN**

Revisions	
△	△
△	△
△	△
△	△

Phase:

Proj Number: 24110

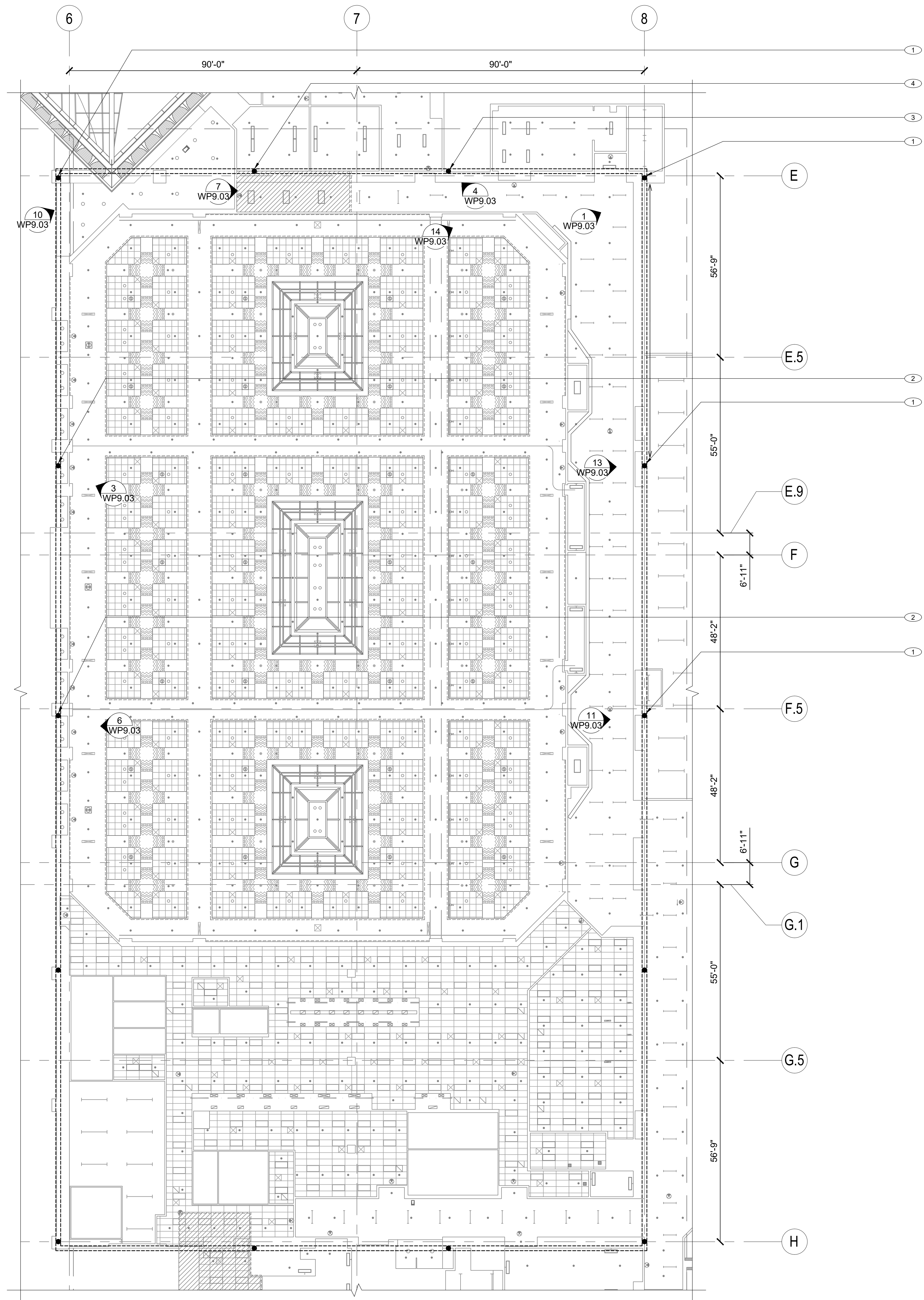
Date: JULY 9, 2024

Sheet:

WP1.03

FULL SIZE SHEET IS 30" x 42"

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**LEGEND:**

- DRAIN LOCATION ABOVE - REMOVE (E) FINISHES TO ATTACH STORM DRAIN PIPING, SEE PLUMBING DRAWINGS
- ⋯ (E) GUTTER ABOVE
- ▨ (E) FINISH CEILING SHOWN FOR REFERENCE, VERIFY ALL CONDITIONS IN THE FIELD
- ⊗ WPXX PHOTO REFERENCE MARKER

**GENERAL SCOPE NOTES**

- A. CONNECT (E) STORM DRAIN PIPING TO REPLACEMENT GUTTER DRAIN LOCATIONS, SEE PLUMBING DRAWINGS & WP9.03.
- B. CONNECT (N) GUTTER DRAINS AND STORM DRAIN PIPING TO (E) STORM DRAINS RISERS, SEE PLUMBING DRAWINGS & WP9.03.
- C. INTERIOR SPACES WITH PENTHOUSE AND BALLROOM SHALL BE PROTECTED DURING COURSE OF DEMOLITION AND CONSTRUCTION, DAILY CLEANED, AND ALL DAMAGED MATERIALS, ITEMS, ETC. SHALL BE REPAIRED/REPLACED AT NO COST TO OWNER

**SHEET NOTES (AS NOTED WITH Ⓢ):**

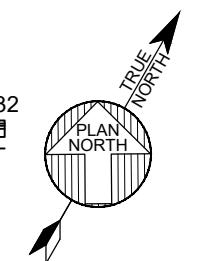
1. (E) DRAIN LOCATION: REMOVE AND REPLACE (E) BATT INSULATION AT CEILING AND WALLS TO ACCESS STORM DRAIN PIPING, INSULATION TO BE REPLACED LIKE IN KIND, SEE PLUMBING DRAWINGS & WP9.03.
2. (E) DRAIN LOCATION: REMOVE (E) GYPSUM SHEATHING, INSULATION, AND FRAMING AT WALLS AND CEILING TO ACCESS STORM DRAIN PIPING, SEE PLUMBING DRAWINGS & WP9.03. RESTORE ALL FINISHES TO MATCH ORIGINAL CONDITION AFTER NEW PIPING IS INSTALLED.
3. (N) DRAIN LOCATION: REMOVE AND REPAIR (E) GYPSUM SHEATHING, INSULATION, AND FRAMING AT CEILING AND WALLS TO ROUTE (N) STORM DRAIN PIPING TO (E) RISERS, SEE PLUMBING DRAWINGS & WP9.03.
4. (N) DRAIN LOCATION: REMOVE AND REPAIR (E) GYPSUM SHEATHING, INSULATION, AND FRAMING TO ROUTE (N) STORM DRAIN PIPING TO (E) RISERS, SEE PLUMBING DRAWINGS & WP9.03.

**GENERAL NOTES**

- A. THE DRAWINGS ARE BASED UPON THE LIMITED ORIGINAL CONSTRUCTION DRAWINGS (HISTORICAL). THE CONTRACTOR SHALL VISIT THE JOB SITE TO FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND OBSTRUCTIONS
- B. THE CONTRACTOR SHALL REVIEW ALL DOCUMENTS AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL CONFIRM THAT WORK IS CONSTRUCTABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS, ETC., SHALL BE IMMEDIATELY REPORTED TO THE OWNER'S REPRESENTATIVE, CONSTRUCTION MANAGER, WATERPROOFING CONSULTANT, AND ARCHITECT IN WRITING FOR CLARIFICATION PRIOR TO PERFORMANCE OF ANY WORK IN QUESTION.
- C. THE EXTENT OF REMOVAL AS INDICATED IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXTENT OF REMOVAL WORK TO PROPERLY ACCOMMODATE THEIR METHOD OF CONSTRUCTING FOR NEW WORK AS REQUIRED. ADDITIONAL REMOVAL, PATCHING, AND RESTORATION REQUIRED TO ACCOMMODATE CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO THE NEW WORK.
- D. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND OTHER SITE CONDITIONS TO REMAIN. ANY DAMAGES RESULTING DIRECTLY OR INDIRECTLY FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AND/OR REPLACED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- E. LOCATIONS OF ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN WORKING NEAR UTILITIES. ANY AND ALL DAMAGE SHALL BE IMMEDIATELY REPAIRED AND/OR RESTORED TO ITS ORIGINAL CONDITION BY THE CONTRACTOR AT THEIR COST. UTILITIES SHALL INCLUDE BUT NOT BE LIMITED TO STORM DRAIN PIPING, FIRE SPRINKLERS, ELECTRICAL, TELEPHONE/DATA, SEWER, WATER, ETC.
- F. THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO UTILITIES PRESENT BEFORE DEMOLITIONS OF ANY SORT. SHOULD ANY UTILITIES BE DAMAGED IN THE PROCESS OF DEMOLITION THE CONTRACTOR SHALL REPAIR THE UTILITIES AT NO EXTRA COST TO THE OWNER. ANY CLAIMS FILED DUE TO THE DISRUPTION OF THE UTILITY SERVICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- G. PROTECT THAT DEBRIS DOES NOT ENTER EXISTING STORM DRAIN PIPING WHEN DRAINS ARE REMOVED OR INSTALLED.
- H. WHERE NEW CONSTRUCTION ABUTS (E) CONSTRUCTION TO REMAIN, ALL CONDITIONS AFFECTING WORK PROGRESS AND CONFORMANCE TO PLANS AND SPECIFICATIONS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF WORK.
- I. ALL WORK MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF APPLICABLE STATE AND/OR LOCAL CODES, LAWS ORDINANCES, STATUTES AND REGULATIONS. NOTHING IN THE DRAWINGS OR SPECIFICATIONS SHALL BE CONSTRUED AS REQUIRING OR PERMITTING WORK CONTRARY TO THESE RULES, REGULATIONS AND CODES.
- J. CONTRACTOR SHALL ASSUME THAT ALL THE MATERIALS CALLED OUT ON THE DRAWINGS ARE NEW (N) UNLESS NOTED AS EXISTING (E).
- K. THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS AND TYPICAL DETAILS OF CONSTRUCTION. THE DRAWINGS DO NOT ILLUSTRATE EVERY CONDITION; WORK NOT EXPRESSLY DETAILED SHALL BE OF CONSTRUCTION SIMILAR TO PARTS THAT ARE DETAILED. WHERE DISCREPANCIES OCCUR, THEY SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE, CONSTRUCTION MANAGER AND ARCHITECT IN WRITING FOR RESOLUTION BEFORE PROCEEDING WITH WORK.
- L. CONTRACTOR SHALL PROVIDE SUBMITTAL AND SHOP DRAWINGS FOR WATERPROOFING ASSEMBLY, FASTENERS, COATINGS AND OTHER COMPONENTS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- M. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL FOR ALL SPECIALTY CONNECTIONS, TRANSITIONS, AND TERMINATIONS OF ALL ITEMS OF THE WORK INCLUDING SADDLES, FLASHINGS, SHEET METAL FABRICATIONS AND OTHER INDUSTRY RECOGNIZED ITEMS THAT MAKE THE WORK COMPLETE.
- N. THE CONTRACTOR SHALL BE RESPONSIBLE TO PLAN AND CONSTRUCT BEST MANAGEMENT PRACTICES (BMP) AS REQUIRED BY THEIR OPERATIONS TO COMPLY WITH ALL LAWS, STANDARDS, RULES, AND OR POLICIES OF THE CITY, STATE OR FEDERAL REGULATORY AGENCIES. UPON ACCEPTANCE OF THE PROJECT BY THE CITY, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL BEST MANAGEMENT PRACTICES AND TO RESTORE THE PROJECT SITE TO ITS ORIGINAL CONDITIONS OR BETTER.
- O. ALL SEALANT WORK SHALL BE IN ACCORDANCE WITH THE SWRI AND THE SEALANT MATERIAL MANUFACTURER. REQUIREMENTS SHOWN IN THE CONSTRUCTION DOCUMENTS ARE ABOVE AND BEYOND THAT REQUIRED BY THE REFERENCED STANDARDS. IF CONFLICTS SHOULD OCCUR BETWEEN STANDARDS AND/OR THE CONSTRUCTION DOCUMENTS, UTILIZE THE HIGHEST QUALITY OR MORE STRINGENT REQUIREMENT.
- P. PHOTO REFERENCES, REFER TO WP9.03.

1 BALLROOM REFLECTED CEILING PLAN

SCALE: 1/16" = 1'-0"



Architect:

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Ph 808.592.2345  
Fax 808.592.2350

LAWRENCE W. CUNHA JR.  
LICENSED PROFESSIONAL ARCHITECT  
No. 9111  
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Lawrence W. Cunha Jr., AIA  
Exp. Date: 4/30/26  
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:

Making Buildings Perform Better

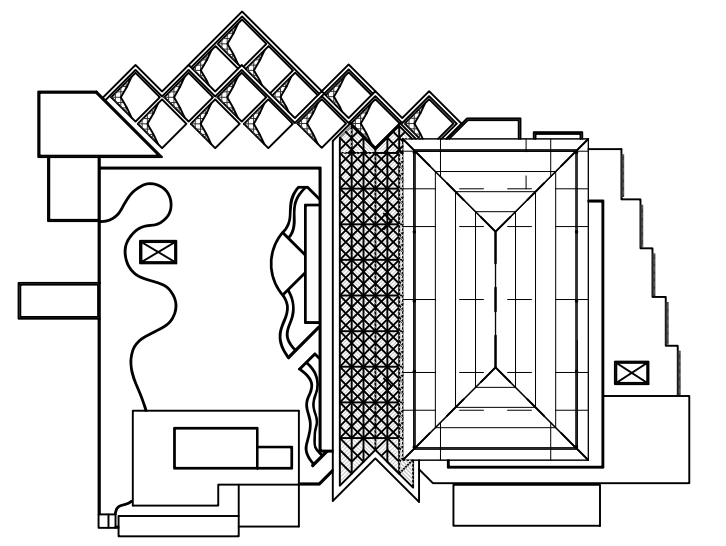
737 Bishop Street, Suite 2900 Honolulu, HI 96813  
p 808.538.0115 f 808.538.0117 abbae.com

100% CONSTRUCTION DOCUMENTS

Project:

**HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR**

1801 Kalakaua Ave  
Honolulu, Hawaii, 96815



Drawing: BALLROOM REFLECTED CEILING PLAN

Revisions

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Phase:

Proj Number: 24110

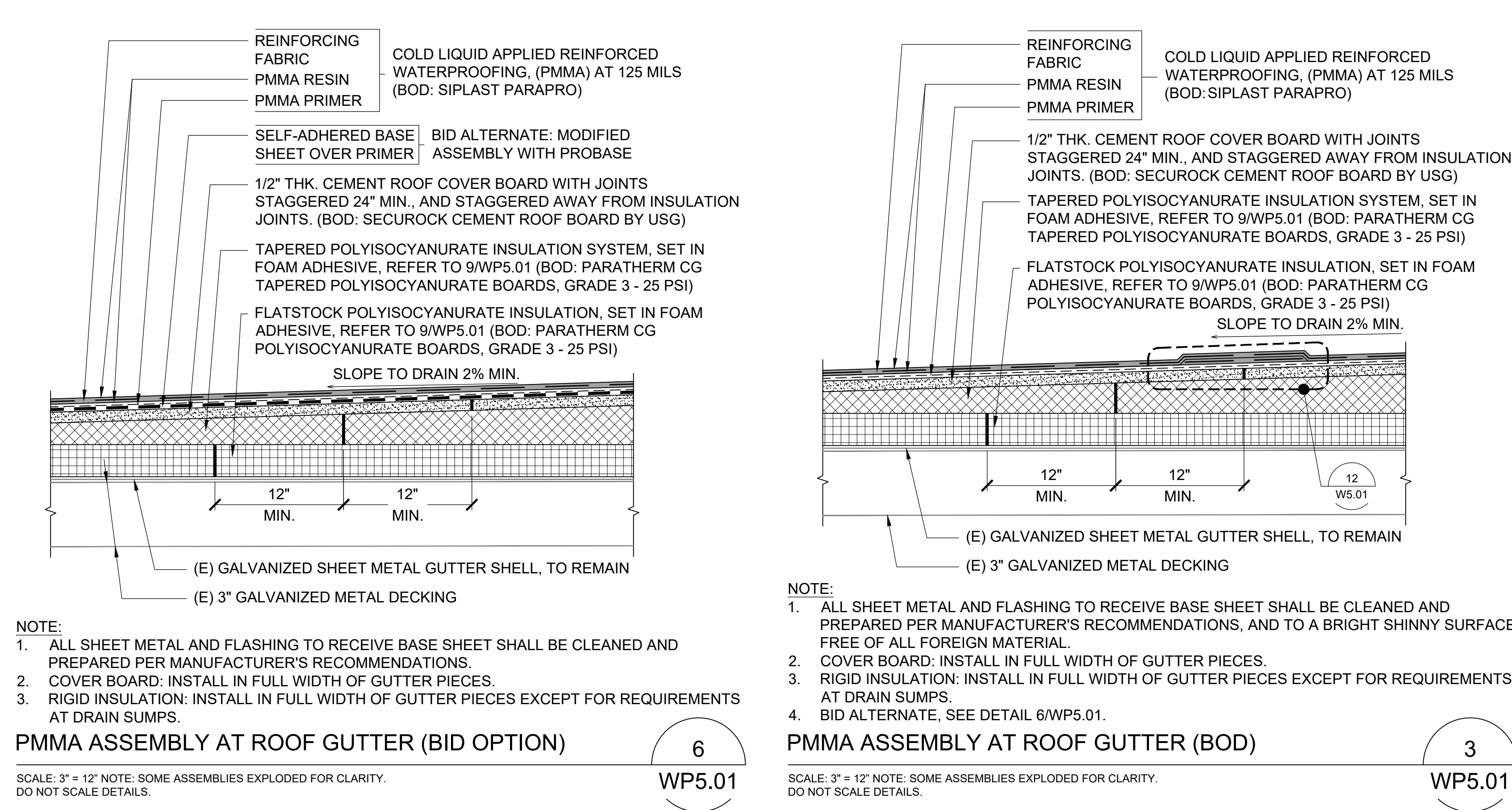
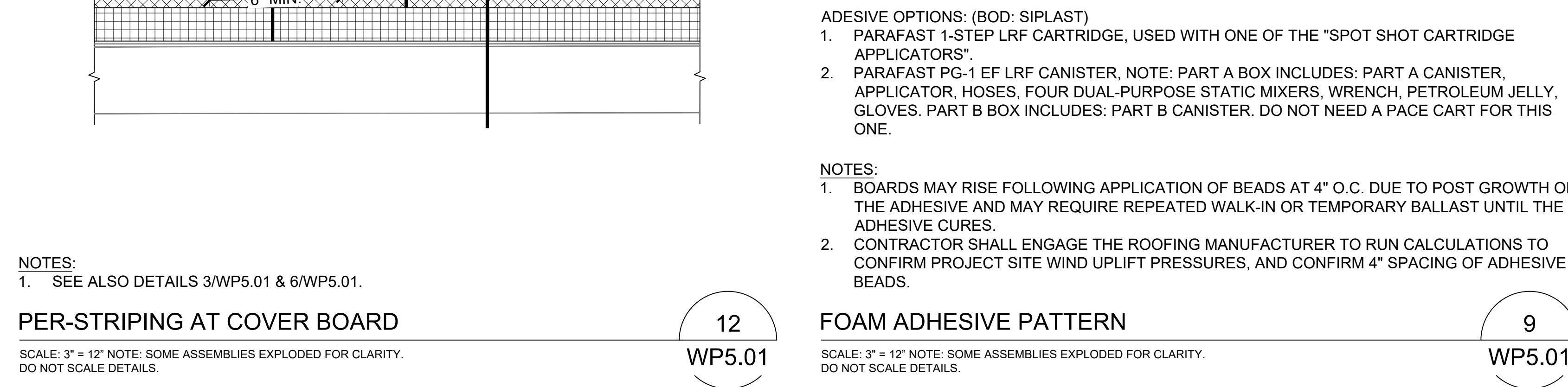
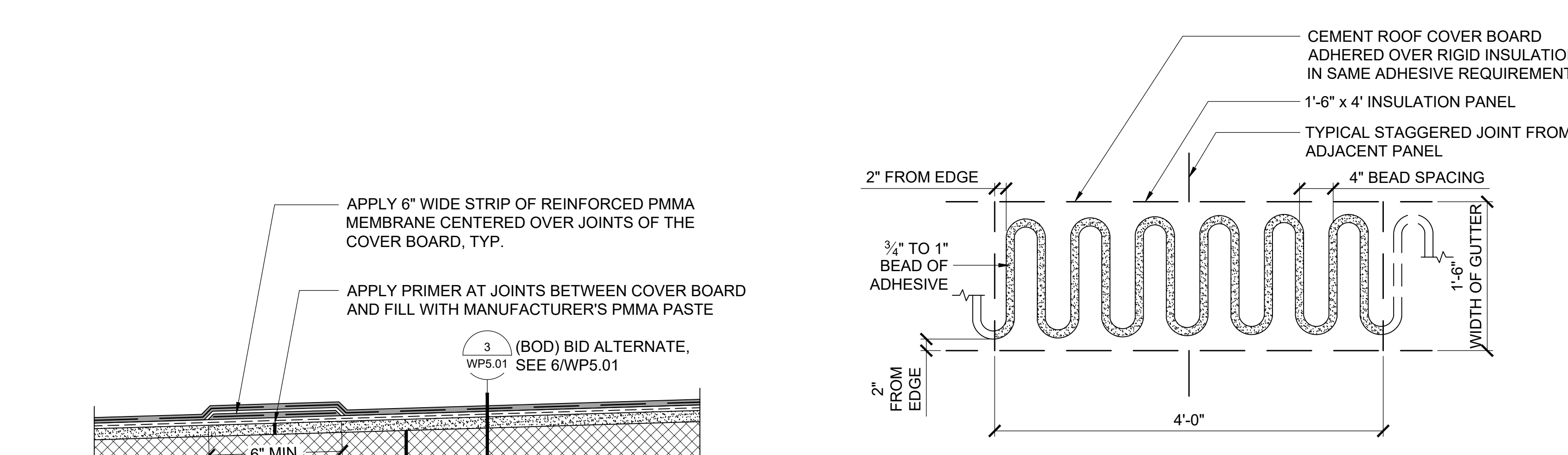
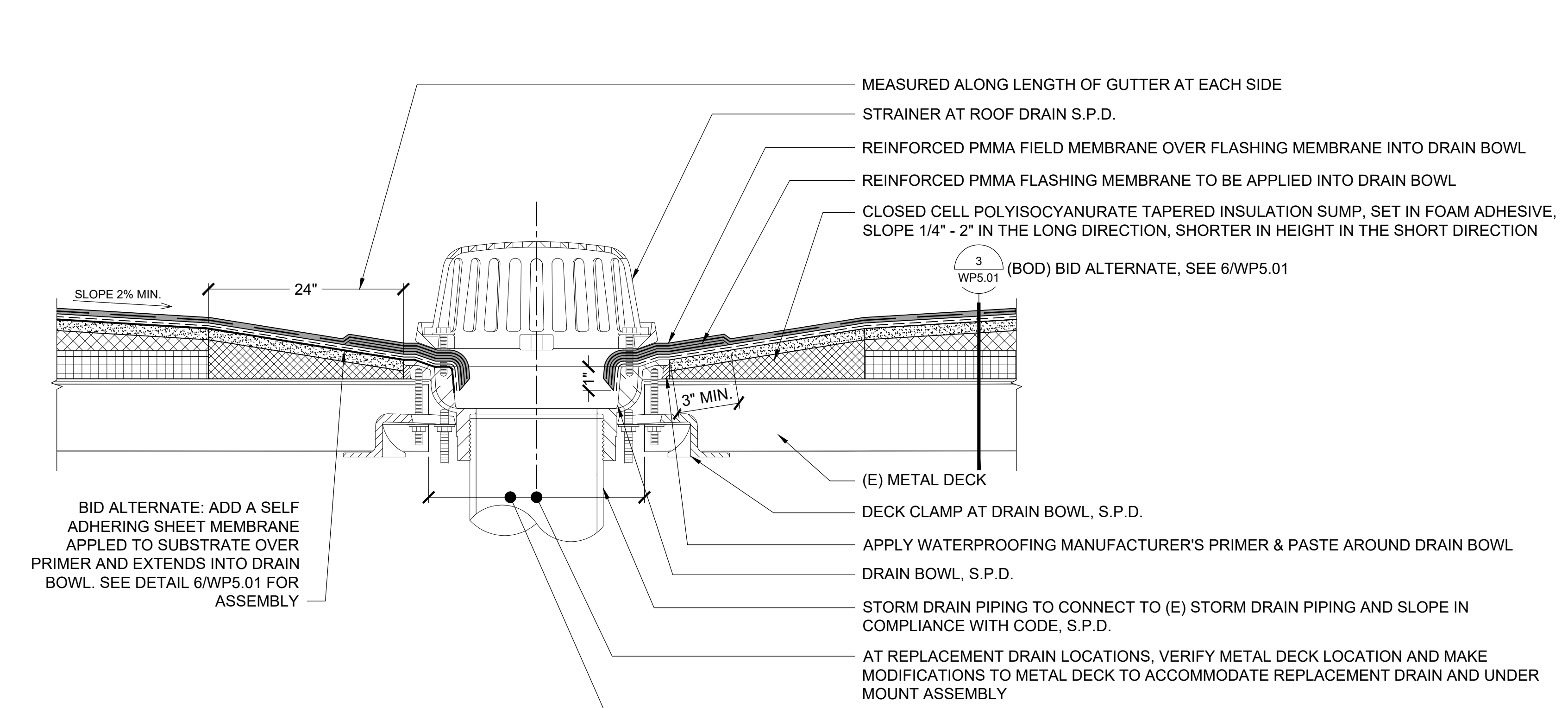
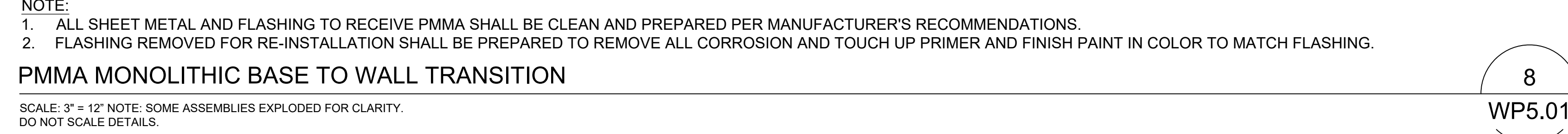
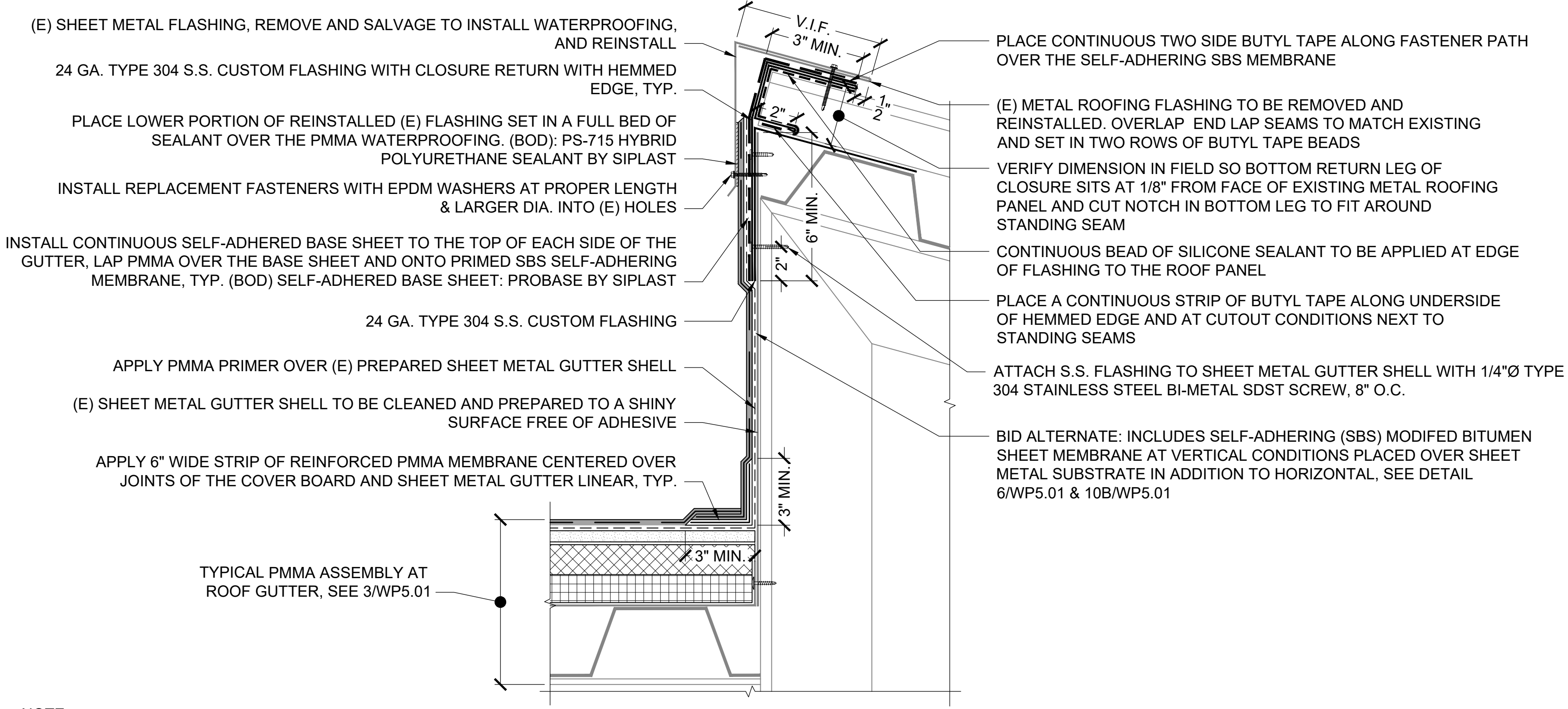
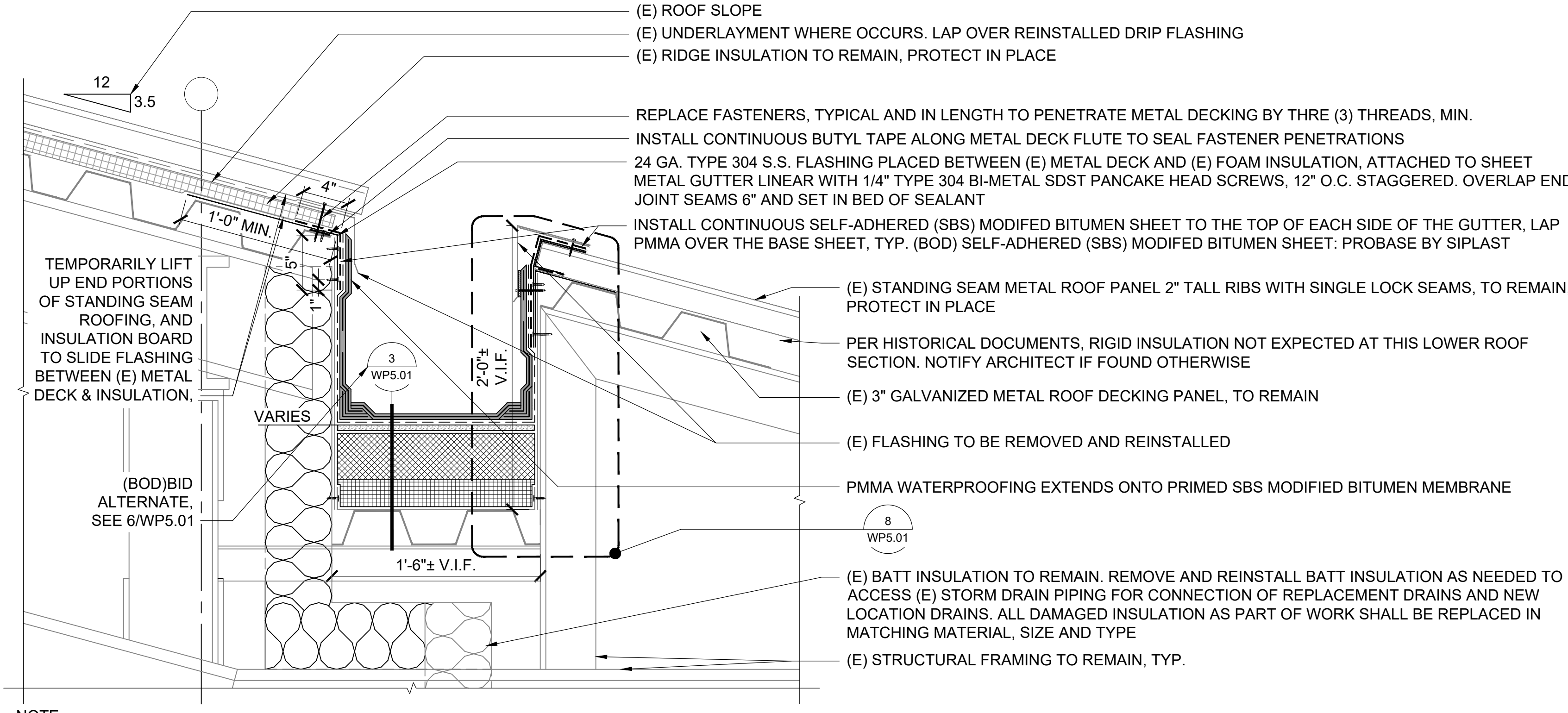
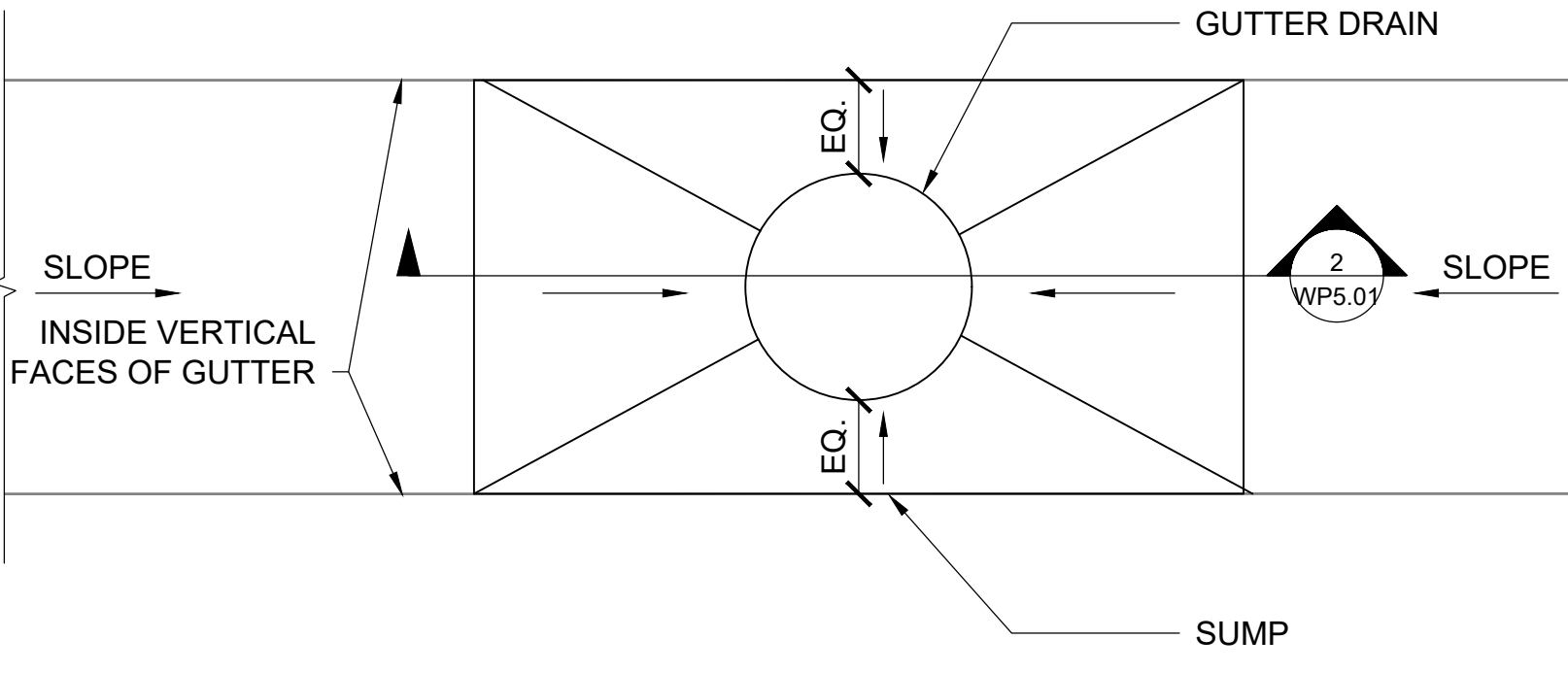
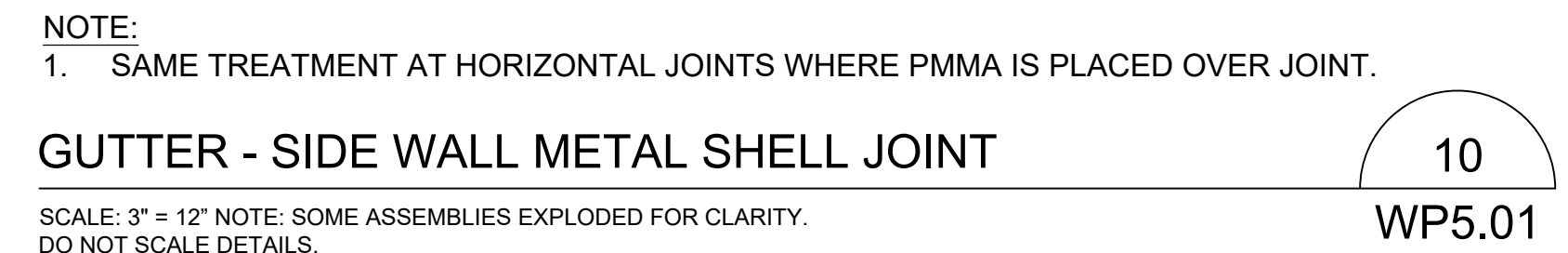
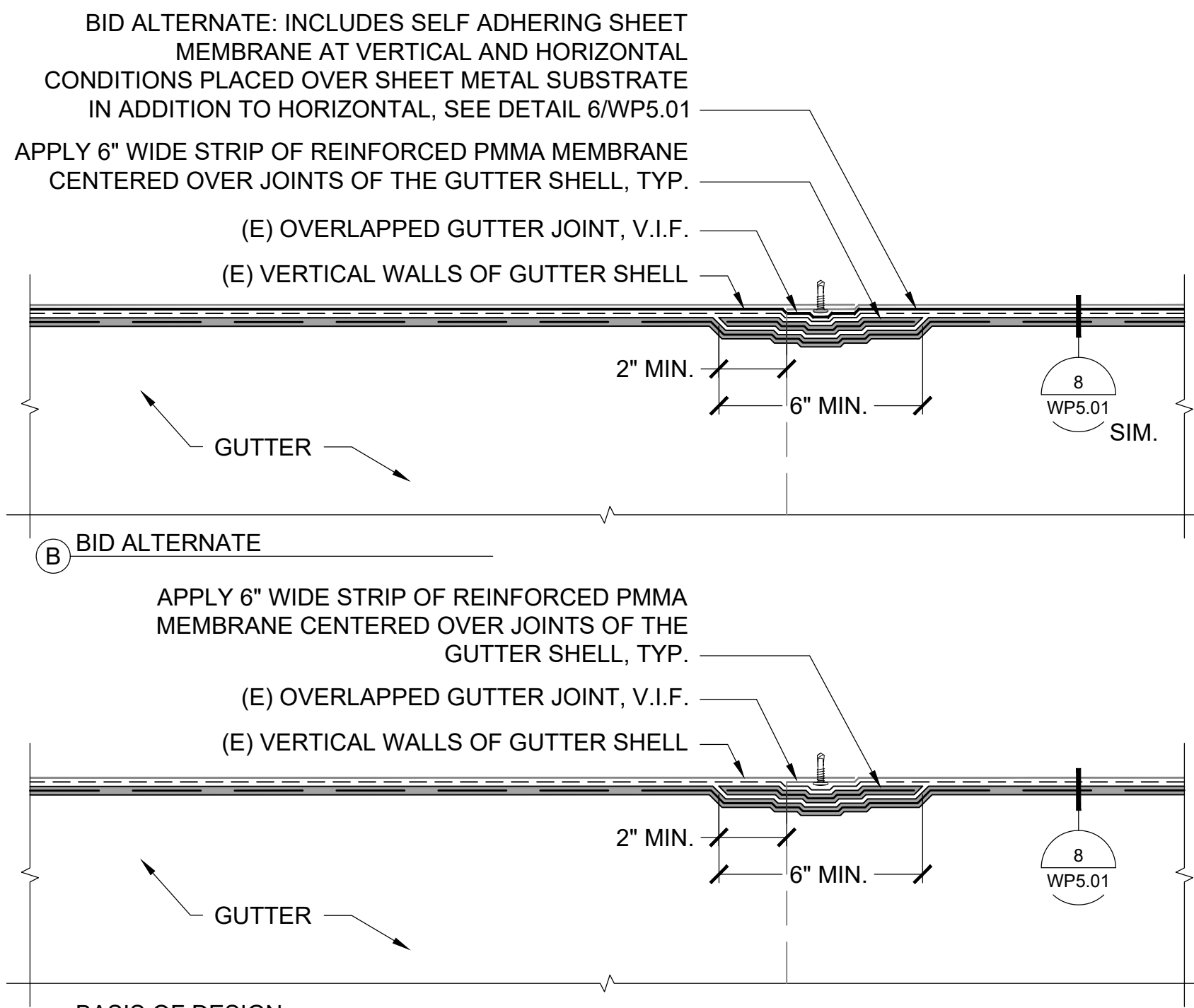
Date: JULY 9, 2024

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WP1.04



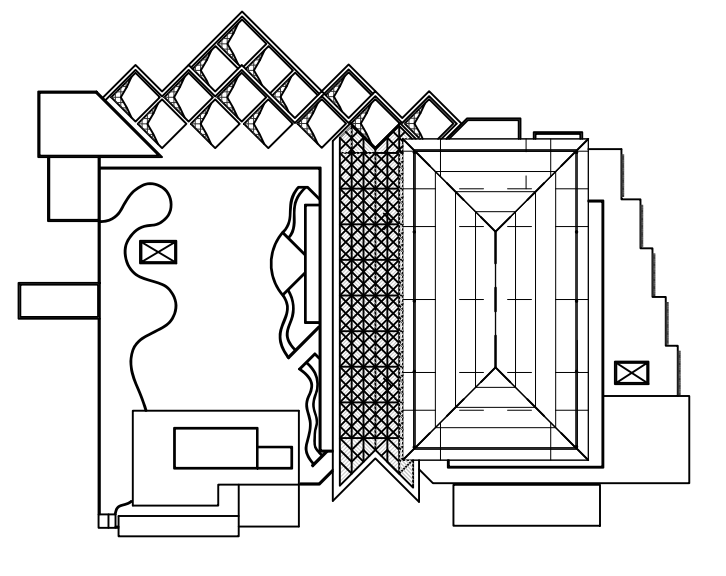
FULL SIZE SHEET IS 30" x 42"



100% CONSTRUCTION DOCUMENTS

Project: HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR

1801 Kalakaua Ave  
Honolulu, Hawaii, 96815



Drawing: BALLROOM GUTTER - DETAILS

Revisions

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Phase:

Proj Number: 24110

Date: JULY 9, 2024

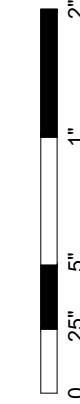
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WP5.01

9 OF 19 SHEETS

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FULL SIZE SHEET IS 30" x 42"



NOT USED

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

10  
WP5.02

NOT USED

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

7  
WP5.02

EXISTING GYPSUM WALL ASSEMBLY - PLAN VIEW

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

1  
WP5.02

NOTES:

1. CONTRACTOR SHALL VERIFY IN FIELD THE QUANTITY OF PIPES AND IF THEY DIFFER FROM HOW INDICATED ON PLANS.
2. CONTRACTOR SHALL DETERMINE THE AMOUNT OF WALL SHEATHING TO REMOVE AS THEIR MEANS & METHODS.
3. SCREWS: (BOD)SELF-DRILLING, BUGLE HEAD, CORROSION RESISTANT COATED SCREWS, TYPE 316 SS OR TYPE 410 SS. IN TYPE FOR ATTACHMENT TO METAL FRAMING, AND LENGTH TO PENETRATE METAL FRAMING/BACKING BY THREE THREADS.
4. SHEATHING: (BOD) DENSARMOR PLUS INTERIOR PANELS, FIREGUARD C BY GEORGIA PACIFIC WITH GLASS FACES EACH SIDE, OR APPROVED SUBSTITUTE.
5. PRIME AND PAINT REPLACED GYPSUM SHEATHING, MATCH EXISTING COLOR AND EXTEND PAINTED FINISH TO AN INSIDE, OR OUTSIDE CORNER.

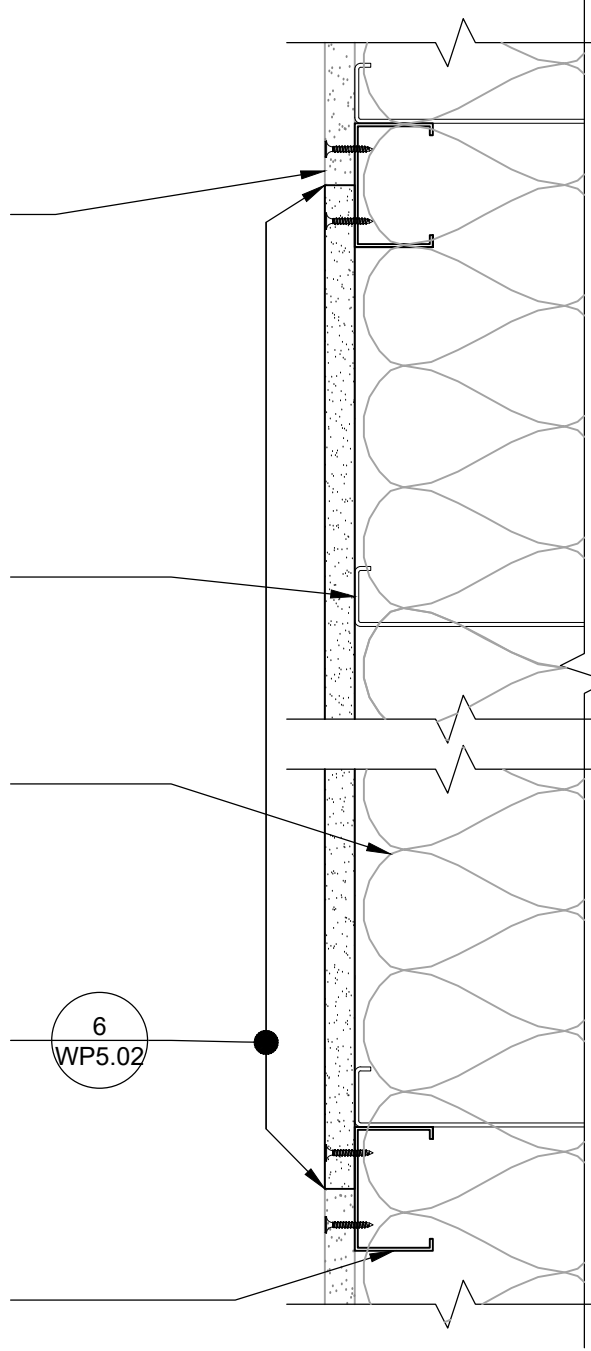
SECURE (E) AND REPLACEMENT GYPSUM BOARD AT 6" O.C. WITH SS DRYWALL SCREWS TO (E) AND ADDED METAL STUB BACKING. TAPE ALL JOINTS, AND TRANSITION TO EXISTING GYP. BD. FEATHER FOR A LEVEL 5 SMOOTH FINISH (E) SMOOTH AND PREPARE, PRIME AND PAINT SURFACE BLENDED TO AN OUTSIDE CORNER OF WALL, AND FLOOR TO CEILING

(E) VERTICAL WALL FRAMING, PROTECT IN PLACE. REMOVE AND REPLACE IN LIKE KIND WHERE NECESSARY AS PART OF CONTRACTOR MEANS & METHODS

(E) BATT INSULATION REMOVE AND REINSTALL AS NECESSARY TO ACCESS STORM DRAIN PIPING

REMOVE AND DISPOSE OF SECTION OF (E) GYPSUM BOARD WALL SHEATHING TO ACCESS PIPE, REPLACE (E) GYPSUM BOARD FIBERGLASS MAT FACED MOISTURE RESISTANT WITH GYPSUM BOARD IN SAME THICKNESS.

INSTALL 20 GAUGE GSM 2-1/2" X 1-5/8" FLANGE BLOCKING ALONG GYPSUM BOARD EDGES AND CLIP TO (E) HORIZONTAL FRAMING, SECURE WITH #10 SMS.



NOT USED

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

11  
WP5.02

NOT USED

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

8  
WP5.02

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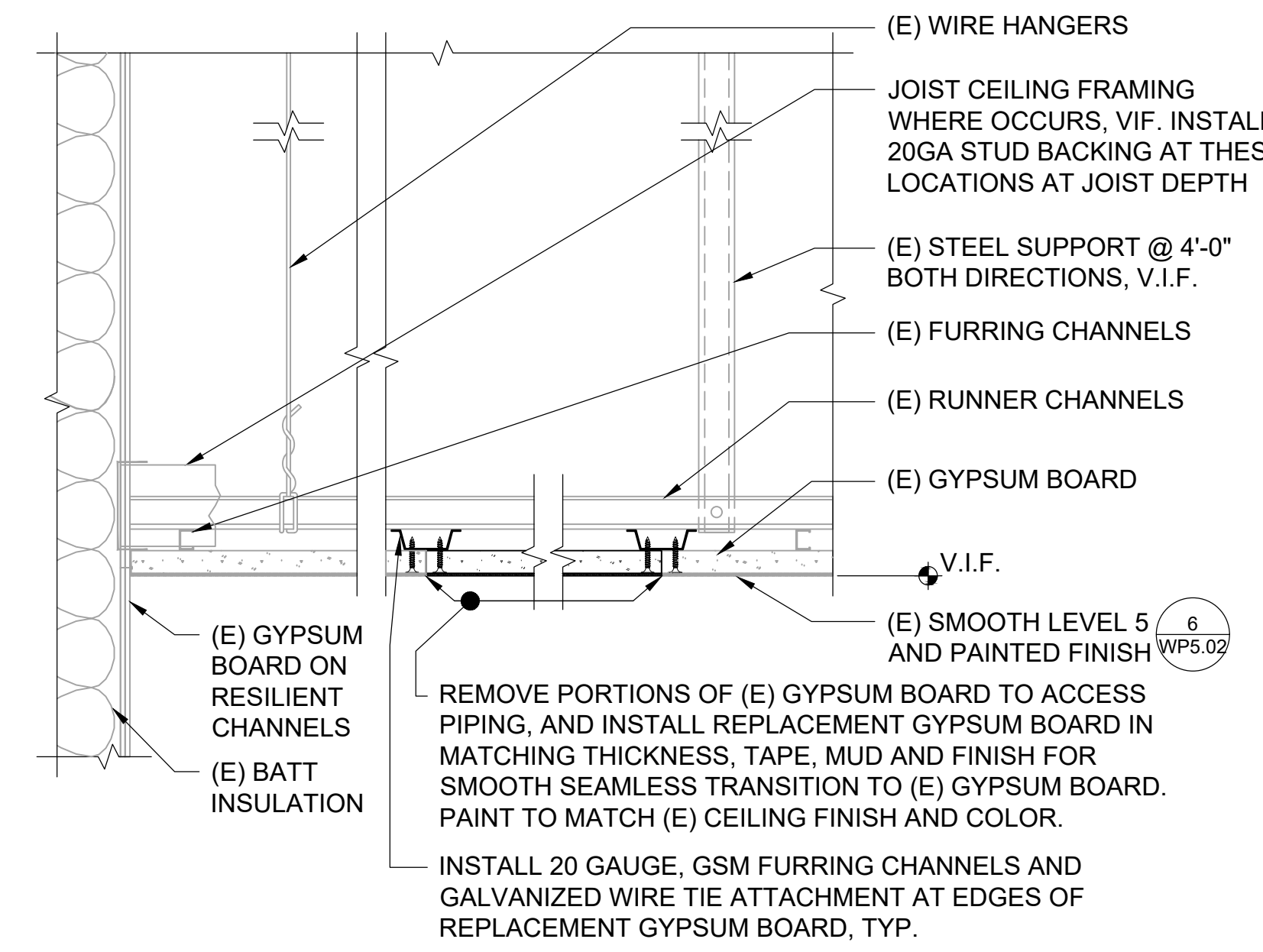
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5  
WP5.02

(E) SUSPENDED GYPSUM CEILING ASSEMBLY

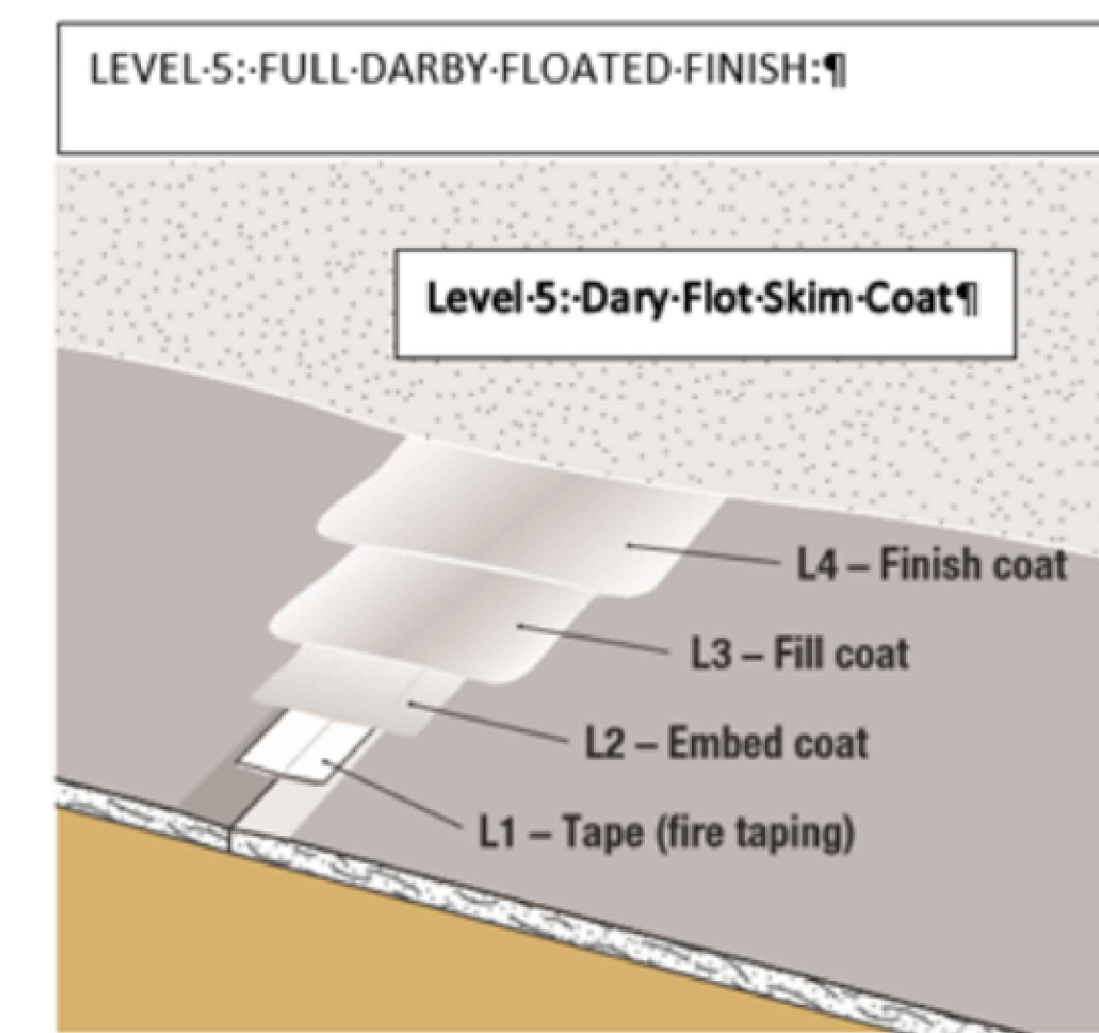
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WP5.02



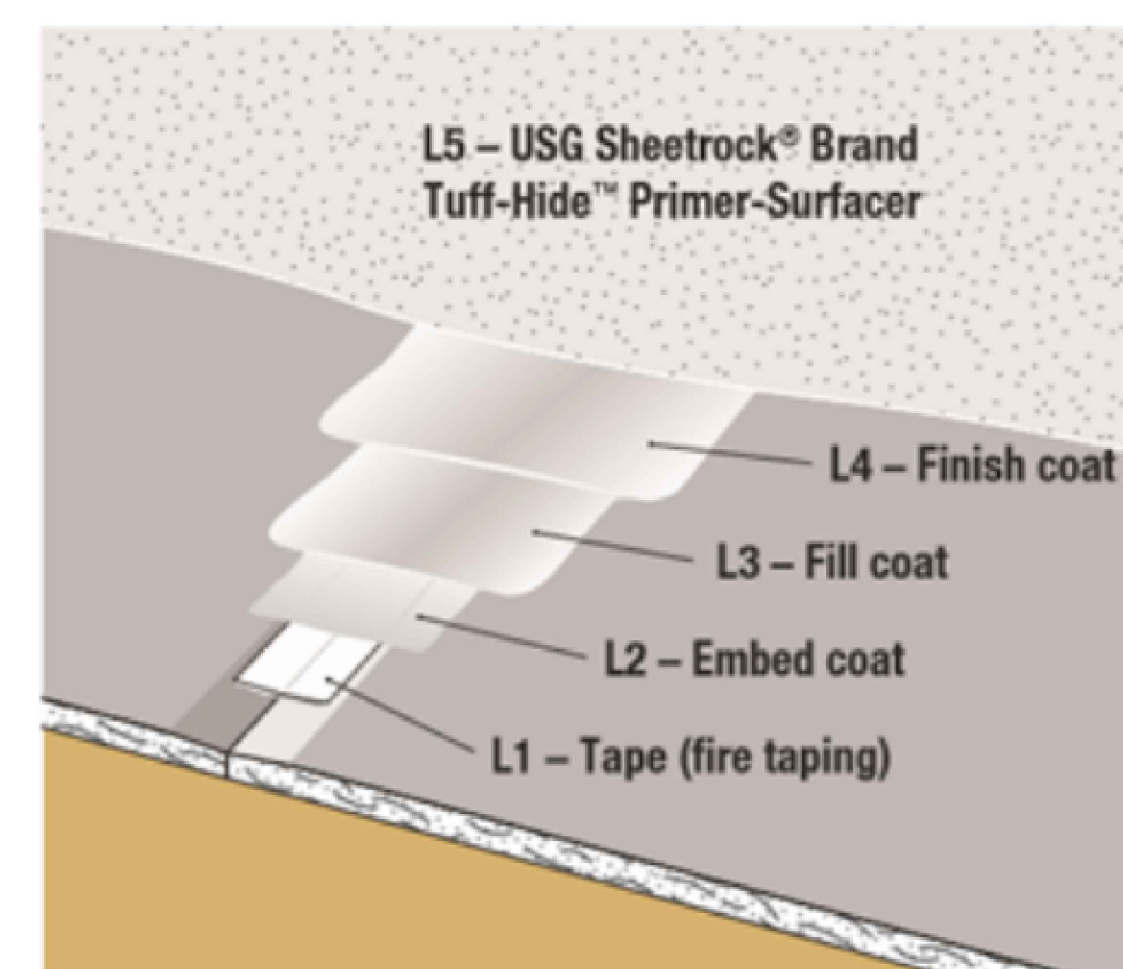
NOTES:

1. MATERIALS REMOVED ARE TO BE REPLACED LIKE IN KIND TO MATCH EXISTING CONDITIONS, TYP.
2. EXISTING HVAC DUCT WORK, LOW VOLTAGE CABLING, AND OTHER ITEMS WITHIN THE CEILING CAVITY NOT SHOWN, VERIFY ALL THESE IN FIELD AND PROTECT IN PLACE.
3. SCREWS: (BOD)SELF-DRILLING, BUGLE HEAD, CORROSION RESISTANT COATED SCREWS, TYPE 316 SS, OR TYPE 410 SS FOR ATTACHMENT TO METAL FRAMING, AND LENGTH TO PENETRATE METAL FRAMING/BACKING BY THREE THREADS



LEVEL 5: EXPOSED WALLS, AND CEILINGS AT BALLROOM

USG Sheetrock® Brand Tuff-Hide™ Primer-Surfer Level 5 Finish



LEVEL 4/5 EXPOSED WALLS, AND CEILINGS AT BACK OF HOUSE

NOTES:

1. PRIME AND PAINT REPLACED GYPSUM SHEATHING, MATCH EXISTING COLOR AND EXTEND PAINTED FINISH TO AN INSIDE, OR OUTSIDE CORNER.

GYPSUM BOARD JOINT TREATMENT AND SURFACE FINISHING

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

12  
WP5.02

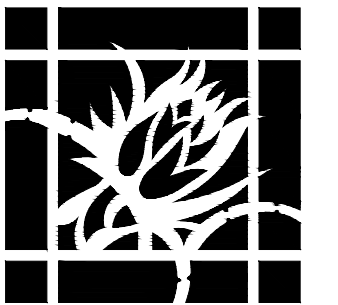
6  
WP5.02

DRYWALL/GYPSUM PAINTING

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

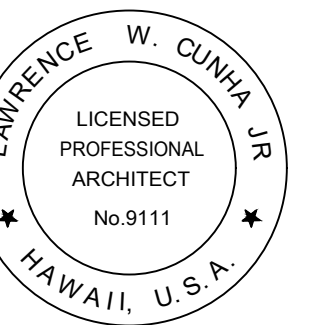
3  
WP5.02

Architect:



WCITARCHITECTURE

725 Kapiolani Boulevard, Suite C400 Honolulu, Hawaii 96813 Ph 808.592.2345 Fax 808.592.2350

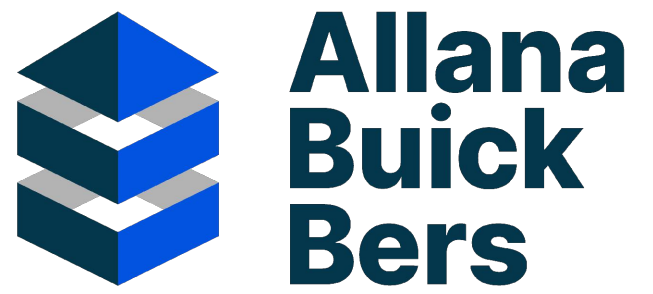


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

4/30/26

Lawrence W. Cunha, Jr., AIA Exp. Date  
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:



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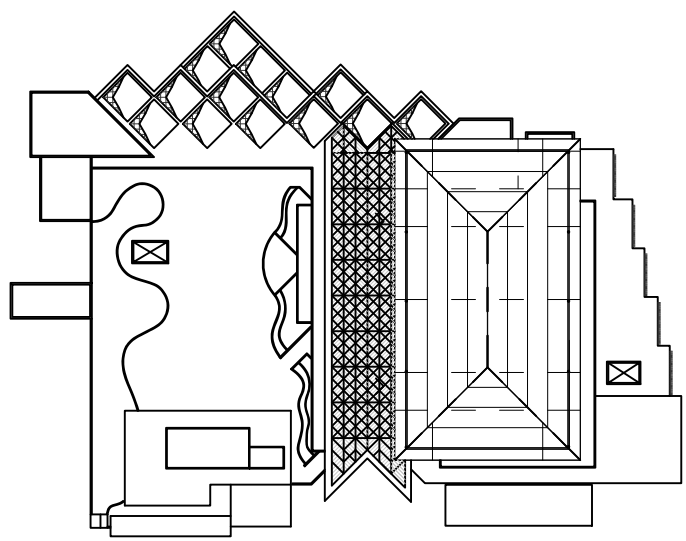
737 Bishop Street, Suite 2900 Honolulu, HI 96813 p 808.538.0115 f 808.538.0117 abbae.com

100% CONSTRUCTION DOCUMENTS

Project:

HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR

1801 Kalakaua Ave Honolulu, Hawaii 96815



Drawing:

WALL AND SOFFIT REPAIR - DETAILS

Revisions

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Phase:

Proj Number: 24110

Date: JULY 9, 2024

Sheet:

WP5.02

10 OF 19 SHEETS

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SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

12  
WP5.02

FULL SIZE SHEET IS 30" x 42"

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PONDING WATER IN EXISTING GUTTER. REMOVE ALL (E) WATERPROOFING AND ASSEMBLIES DOWN TO METAL GUTTER SHELL, AND REPLACE GUTTER WATERPROOFING ASSEMBLY

REMOVE AND REPLACE ALL EXPOSED FASTENERS AT METAL PANELS, AND FLASHING, TYP. (E) DEPTH ON THE HIGH SIDE OF THE GUTTER VARIES WITH THE SLOPE OF THE GUTTER

INSTALL CONTINUOUS BEAD OF BUTYL SEALANT ALONG STANDING SEAM SINGLE LAP WHERE PANELS ARE REMOVED, AND REINSTALLED

(E) DEPTH ON THE LOW SIDE OF THE GUTTER VARIES WITH THE SLOPE OF THE GUTTER



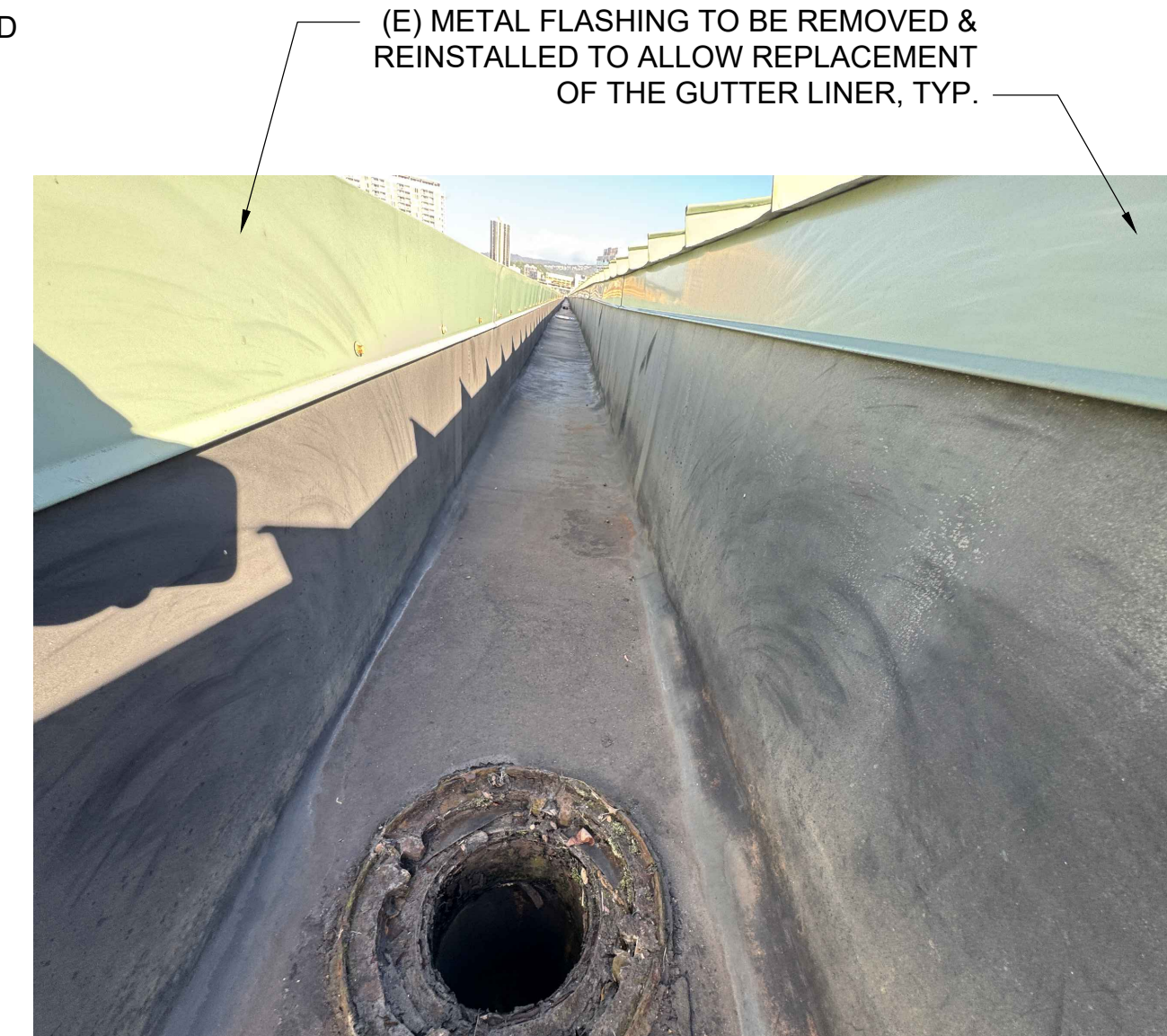
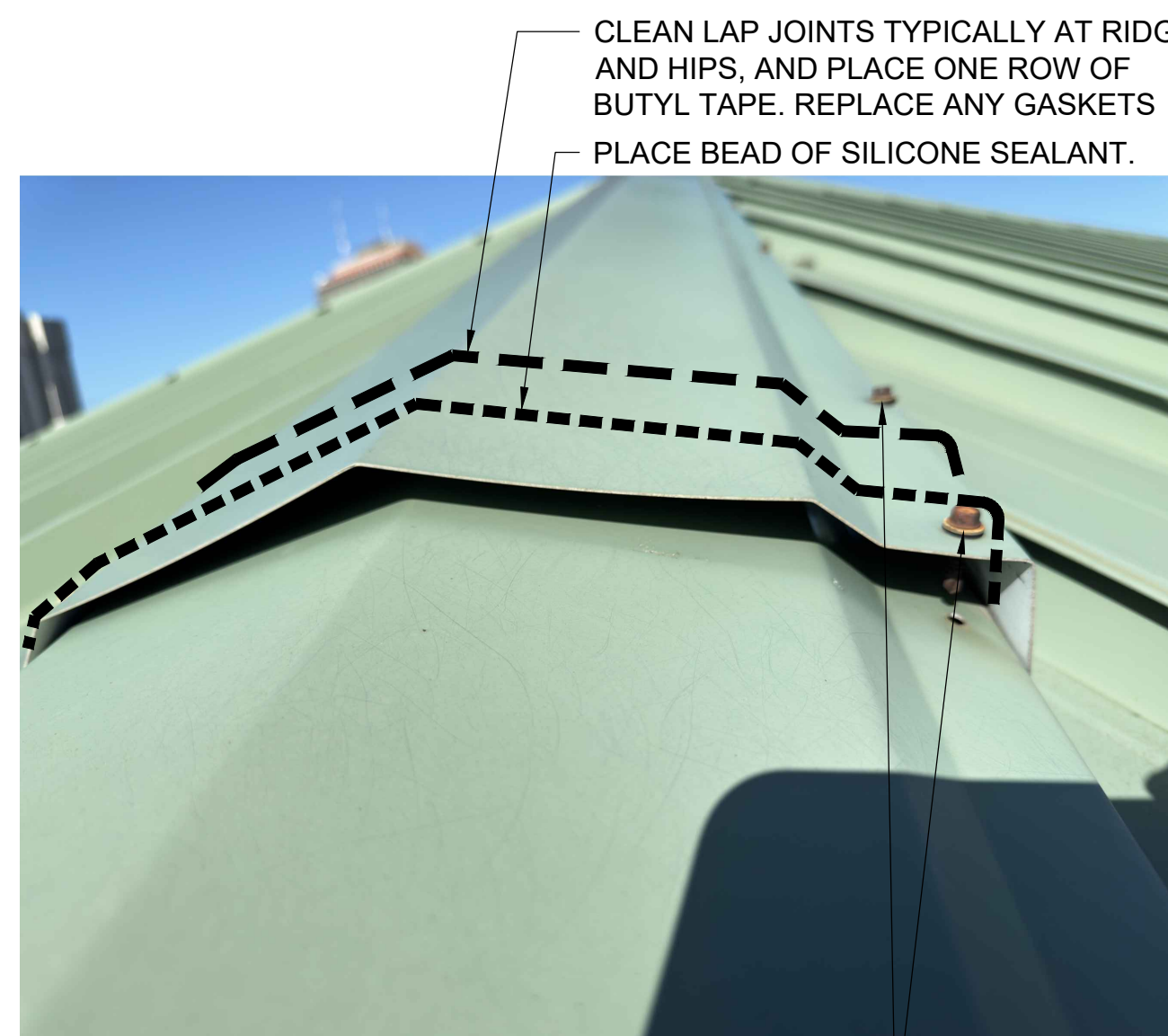
NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 13  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 10  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 7  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 4  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
2. LAPPED JOINT TREATMENT, SEE 6/WP9.01  
EXISTING CONDITION PHOTO REFERENCE 1  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01



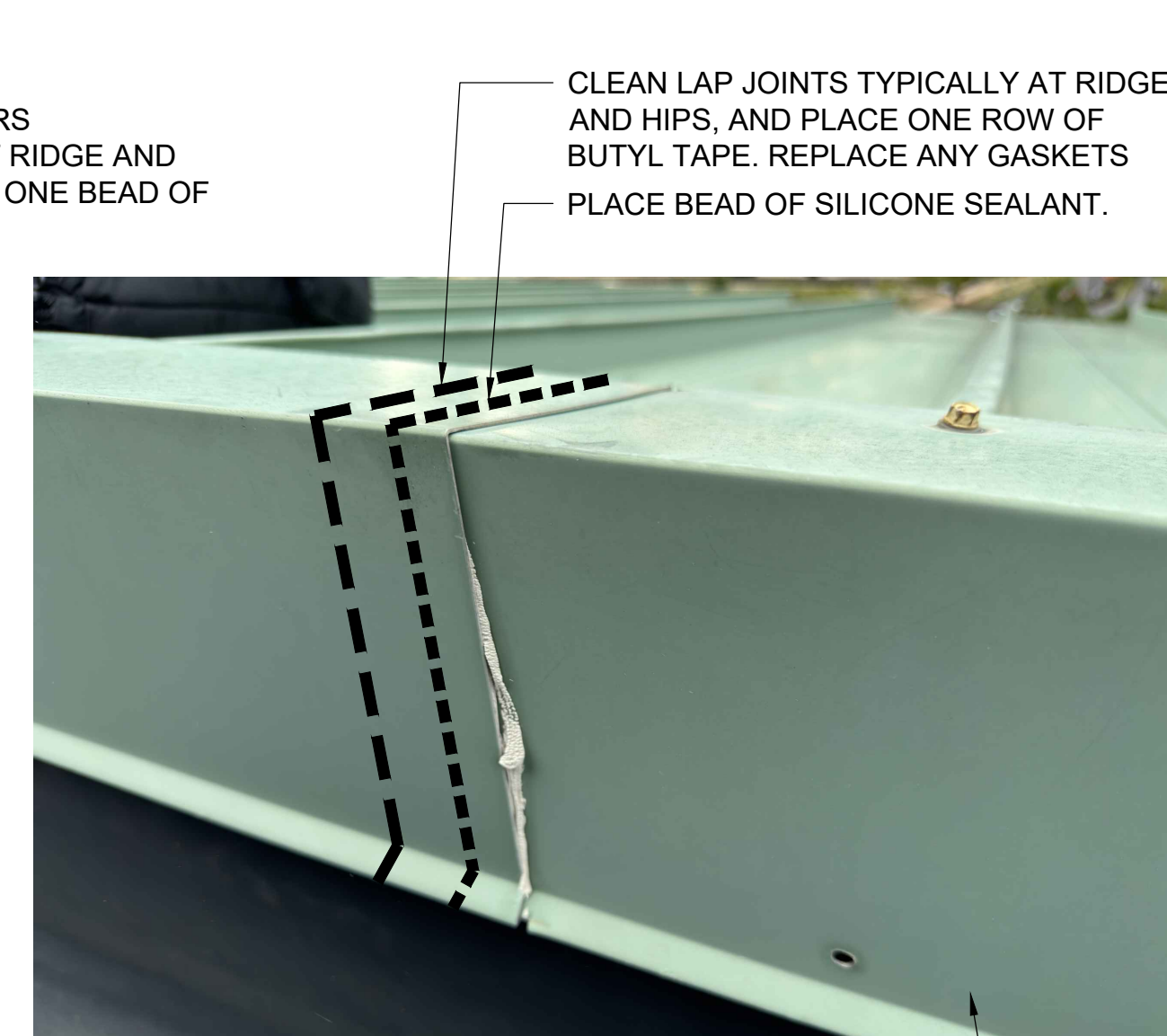
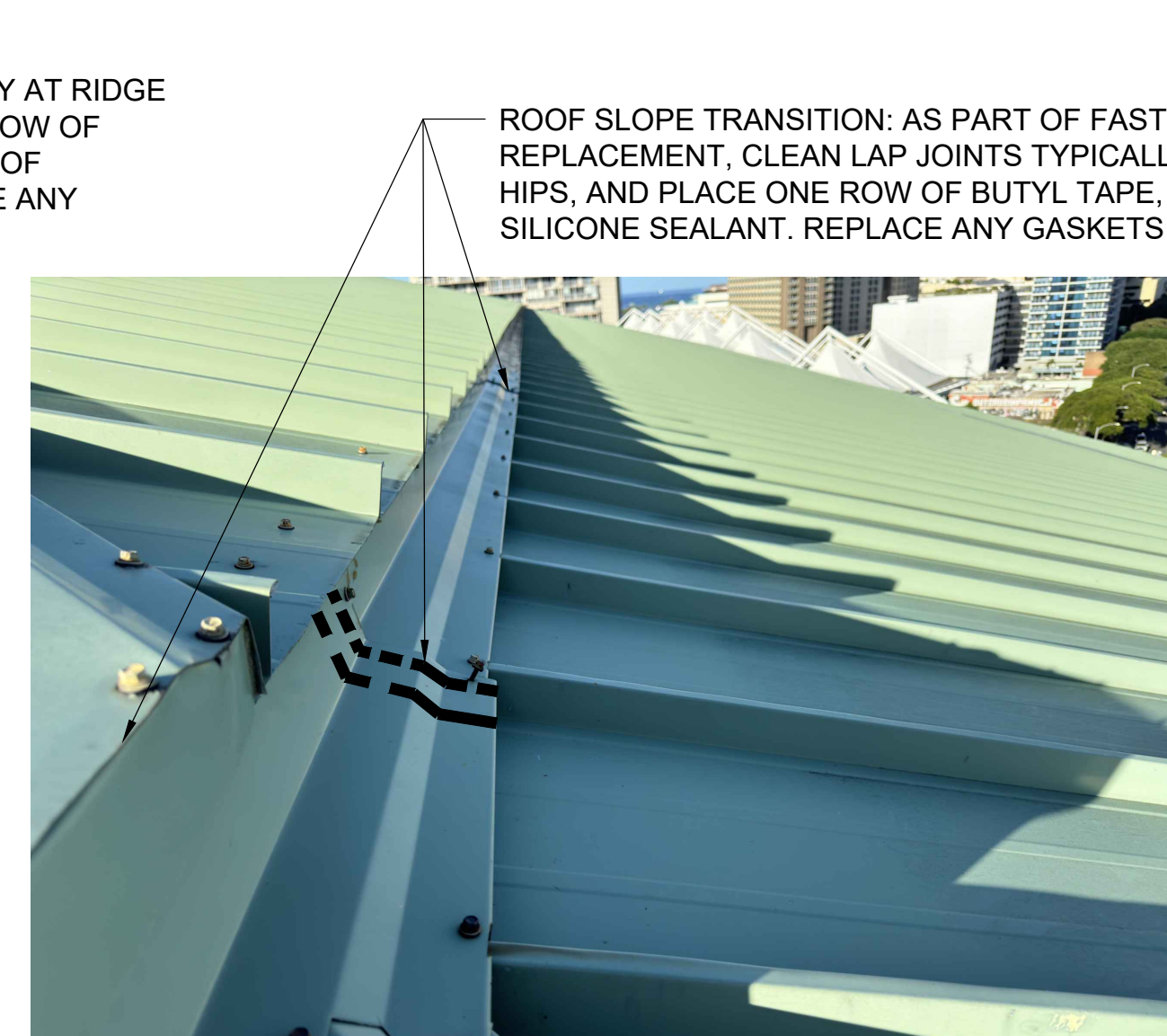
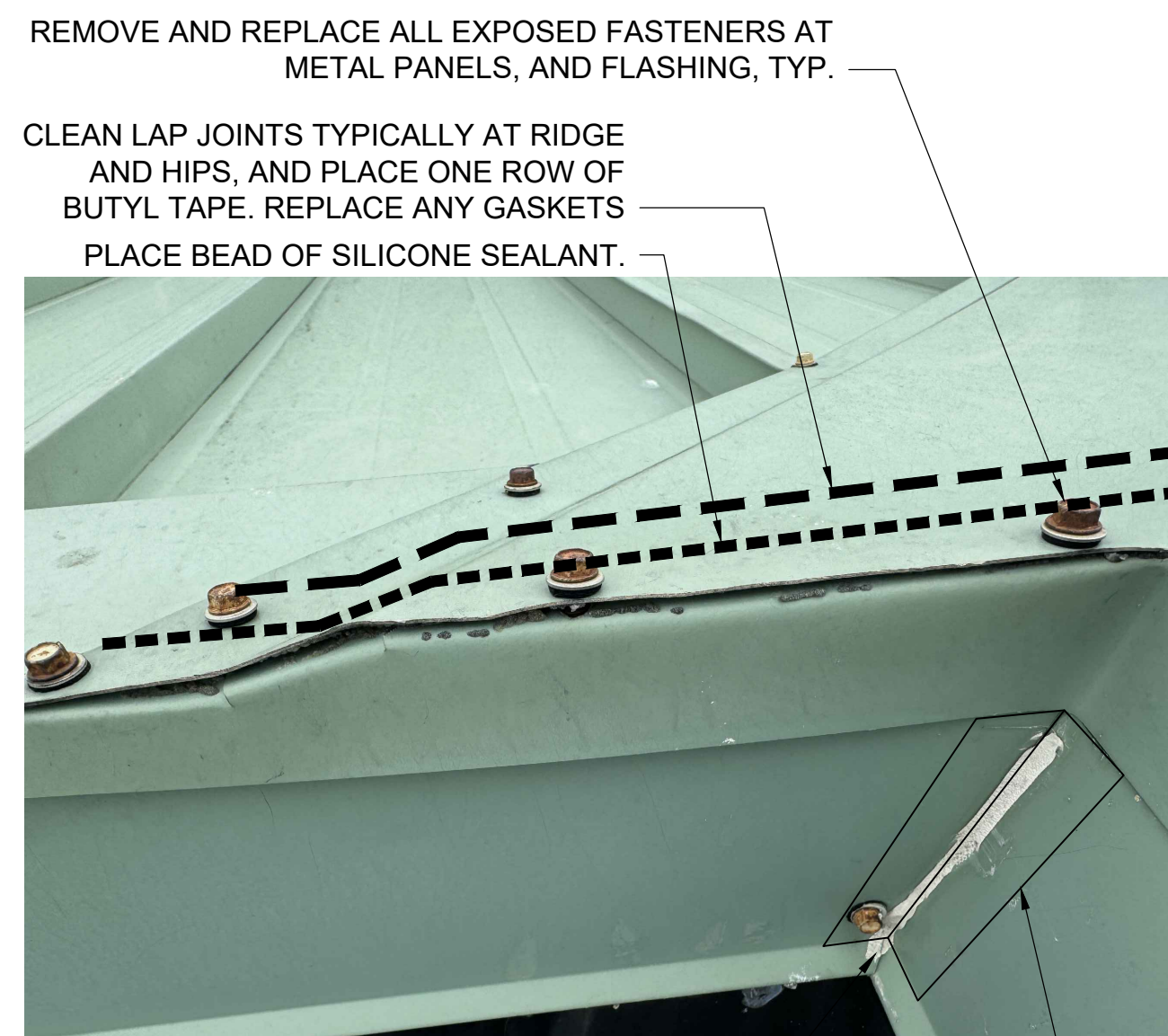
NOTE:  
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EXISTING CONDITION PHOTO REFERENCE 14  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 11  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 8  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 5  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 2  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01



INSTALL BUTYL TAPE AT RIDGE CAPS LAPS AND REPLACE ANY (E) SEALS IN PLACE, TYP.

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 15  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 12  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

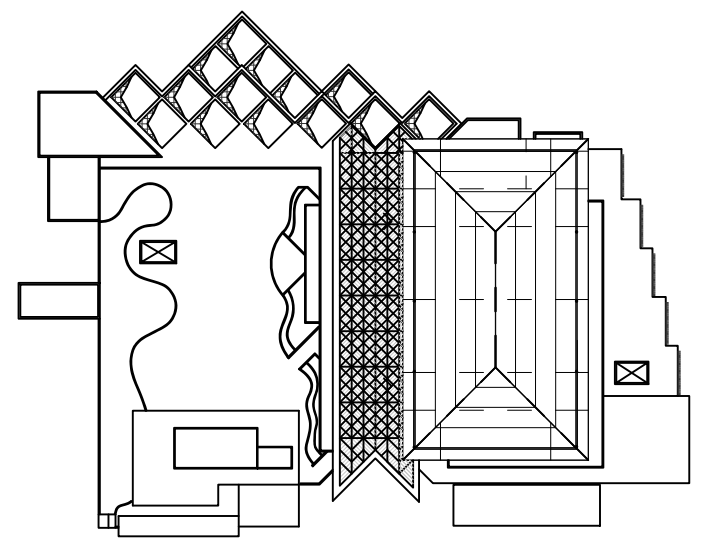
NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 9  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 6  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02  
EXISTING CONDITION PHOTO REFERENCE 3  
N.T.S. DO NOT SCALE PHOTO REFERENCES. WP9.01

100%  
CONSTRUCTION DOCUMENTS

Project:  
**HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR**  
1801 Kalakaua Ave  
Honolulu, Hawaii, 96815



Drawing:  
EXISTING CONDITIONS PHOTO REFERENCES

Revisions

△	△
△	△
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△	△

Phase:  
Proj Number: 24110  
Date: JULY 9, 2024  
Sheet:

**WP9.01**

FULL SIZE SHEET IS 30" x 42"

REMOVE AND REPLACE ALL (E) DRAINS. DRAIN PIPING TO BE CLEARED FROM THE ROOF TO THE OUTLET



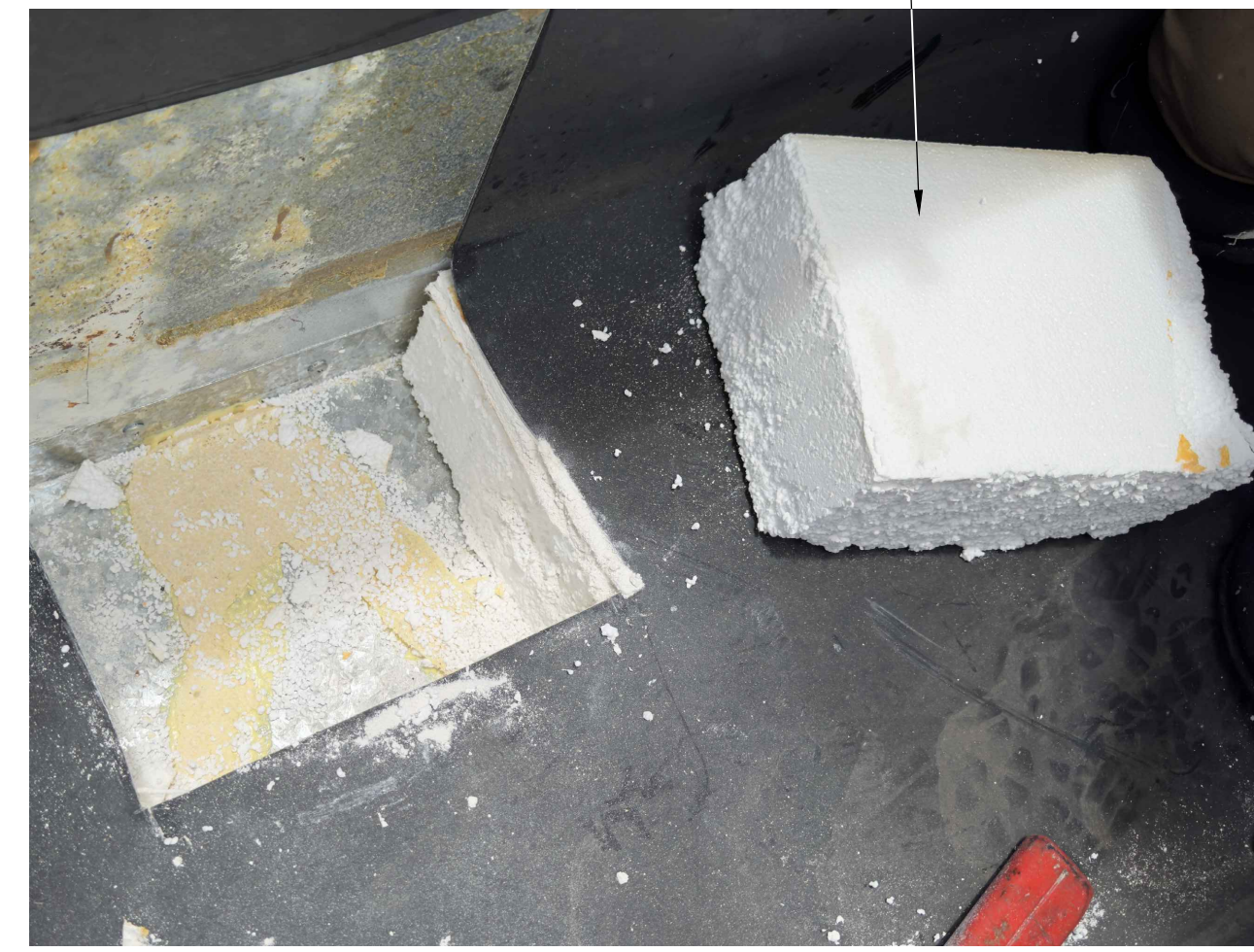
REMOVE AND DISPOSE OF ALL DEBRIS WITHIN GUTTER



(E) 1/4" COVER BOARD TO BE REMOVED AND DISPROVED OF, TYP.



(E) FOAM TO BE REMOVED AND DISPROVED OF, THICKNESS VARIES



(E) EPDM MEMBRANE TO BE REMOVED AND DISPROVED OF, TYP.  
(E) 1/4" COVER BOARD TO BE REMOVED AND DISPROVED OF, TYP.  
(E) FOAM TO BE REMOVED AND DISPROVED OF, TYP.



REMOVE ALL (E) ADHESIVE AND PREPARE SURFACE TO RECEIVE WATERPROOFING

(E) SHEET METAL LINER AT GUTTER TO REMAIN, PROTECT IN PLACE

PREPARE (E) SHELL TO REMOVE ALL FOREIGN MATERIAL IN ACCORDANCE WITH WATERPROOFING MFG'S REQUIREMENTS FOR PPMA APPLICATION, AND HORIZONTAL PLANE FOR ADHESIVE PLACED RIGID INSULATION

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

13

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

10

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

7

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

EXISTING CONDITION PHOTO REFERENCE

4

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

EXISTING CONDITION PHOTO REFERENCE

1

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

REMOVE AND REPLACE ALL (E) DRAINS. DRAIN PIPING TO BE CLEARED FROM THE ROOF TO THE OUTLET

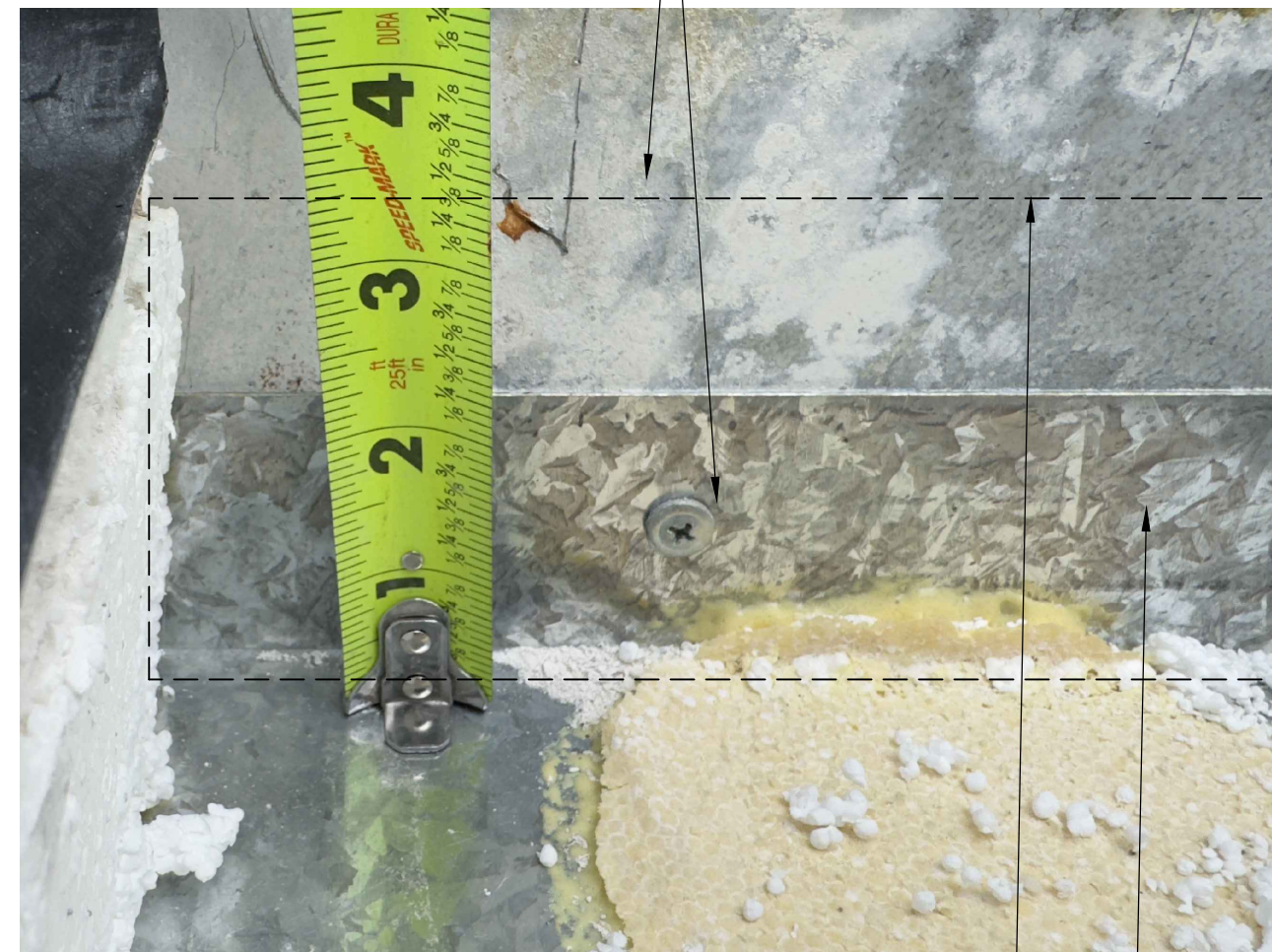


METAL FLASHING AT BOTH SIDES OF GUTTER WILL BE REMOVED, SALVAGED AND REINSTALLED AFTER GUTTER WATERPROOFING ASSEMBLY IS COMPLETE

REMOVE AND REPLACE ALL (E) DRAINS. DRAIN PIPING TO BE CLEARED FROM THE ROOF TO THE OUTLET



(E) SHEET METAL SHELL AT GUTTER TO REMAIN, PROTECT IN PLACE



(E) FOAM TO BE REMOVED AND DISPROVED OF, THICKNESS VARIES



(E) EPDM MEMBRANE TO BE REMOVED AND DISPROVED OF, TYP.  
(E) 1/4" COVER BOARD TO BE REMOVED AND DISPROVED OF, TYP.  
(E) FOAM TO BE REMOVED AND DISPROVED OF, TYP.



REMOVE ALL (E) ADHESIVE AND PREPARE SURFACE TO A SHINY PROFILE TO RECEIVE WATERPROOFING

(E) GALVANIZED SHEET METAL SHELL AT GUTTER PREPARE (E) SHELL WALLS TO REMOVE ALL FOREIGN MATERIAL IN ACCORDANCE WITH WATERPROOFING MFG'S REQUIREMENTS FOR PPMA APPLICATION, AND HORIZONTAL PLANE FOR ADHESIVE PLACED RIGID INSULATION

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

14

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

11

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

8

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

EXISTING CONDITION PHOTO REFERENCE

5

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

EXISTING CONDITION PHOTO REFERENCE

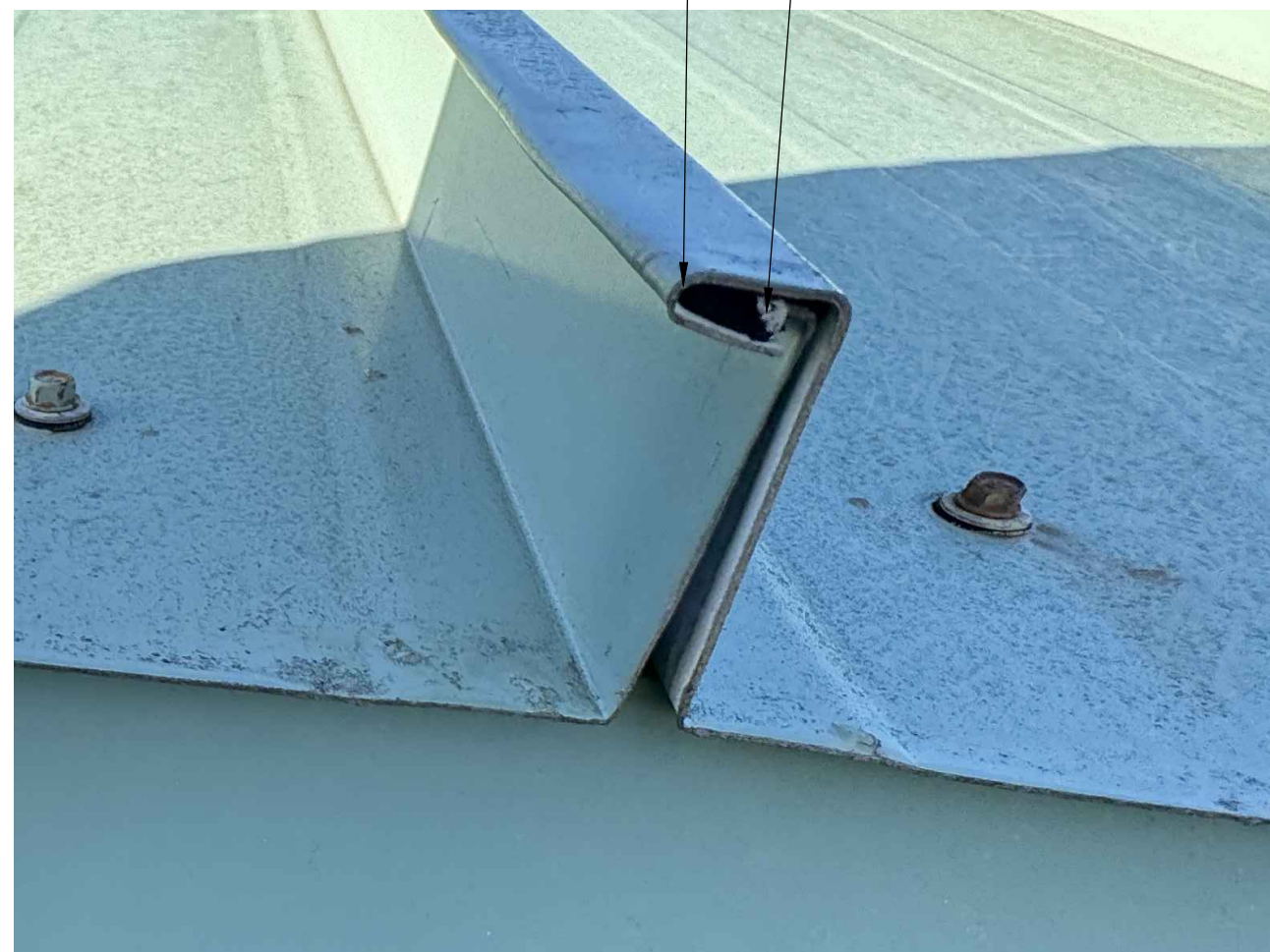
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WP9.02

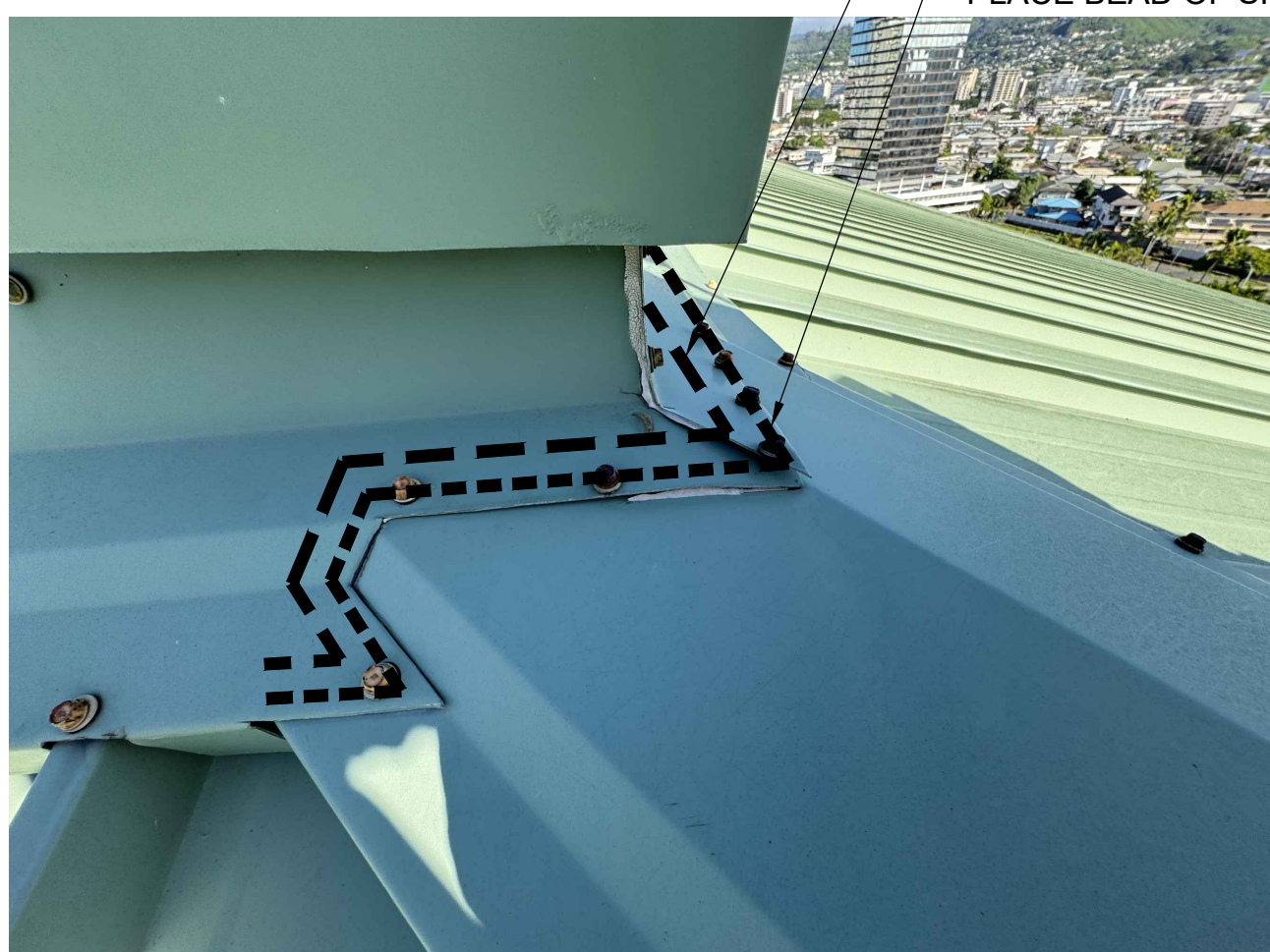
N.T.S. DO NOT SCALE PHOTO REFERENCES.

PLACE CONTINUOUS BEAD OF BUTYL SEALANT (BOD: MILLENNIUM WATER BLOCK MASTIC BY H.B. FULLER OR SIKALASTOMER 511 BY SIKA OR 777 BLACK BY CRL IN THE SEAM RETURN LEG AT ALL PANELS THAT HAVE BEEN PARTIAL OR FULLY REMOVED PRIOR TO REINSTALLING AND CLAMPING THE SEAM

(E) SINGLE BEND STANDING SEAM JOINT



CLEAN LAP JOINTS TYPICALLY AT RIDGE AND HIPS, AND PLACE ONE ROW OF BUTYL TAPE. REPLACE ANY GASKETS PLACE BEAD OF SILICONE SEALANT.

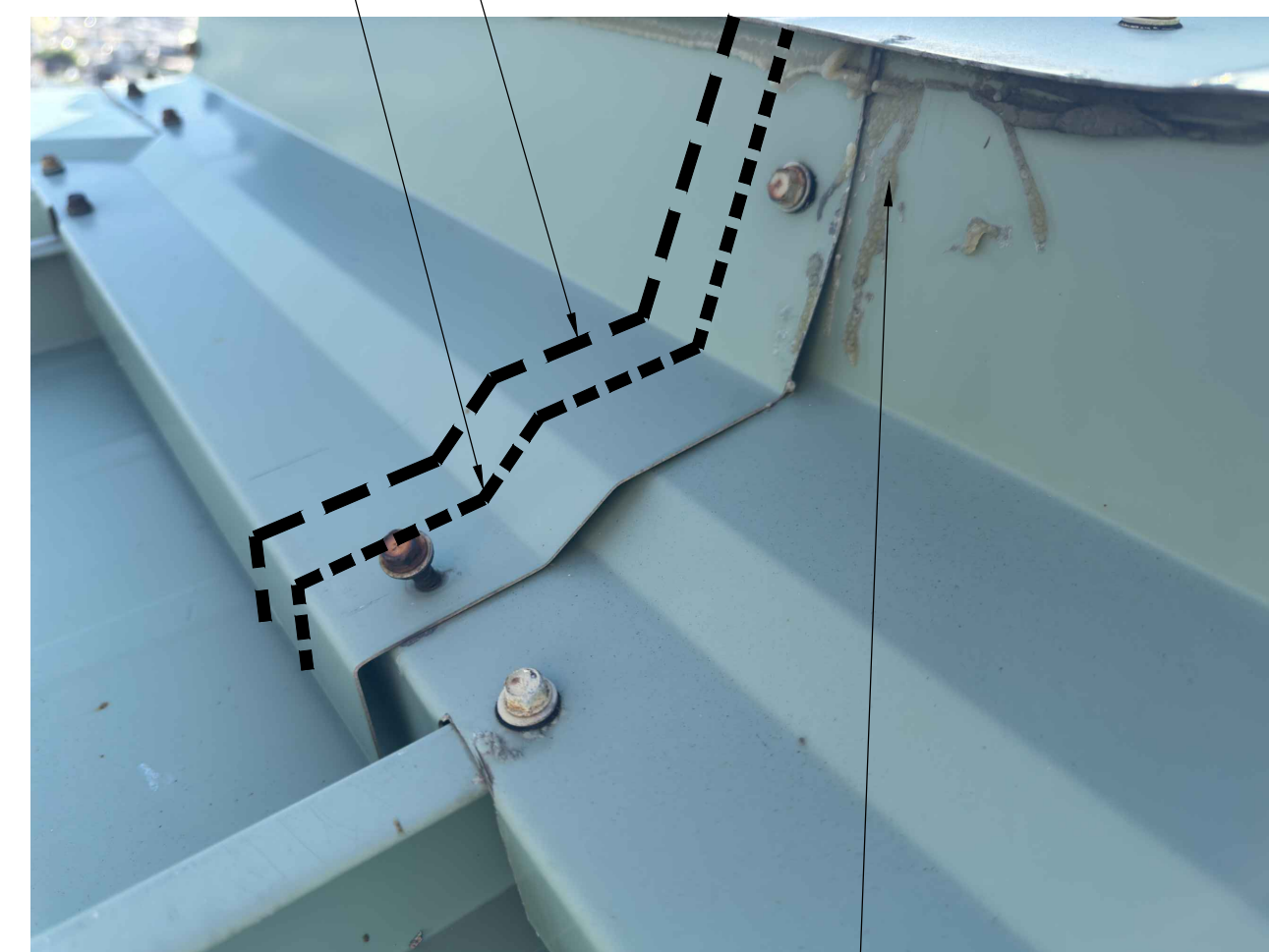


CLEAN LAP JOINTS TYPICALLY AT RIDGE AND HIPS, AND PLACE ONE ROW OF BUTYL TAPE. REPLACE ANY GASKETS PLACE BEAD OF SILICONE SEALANT.



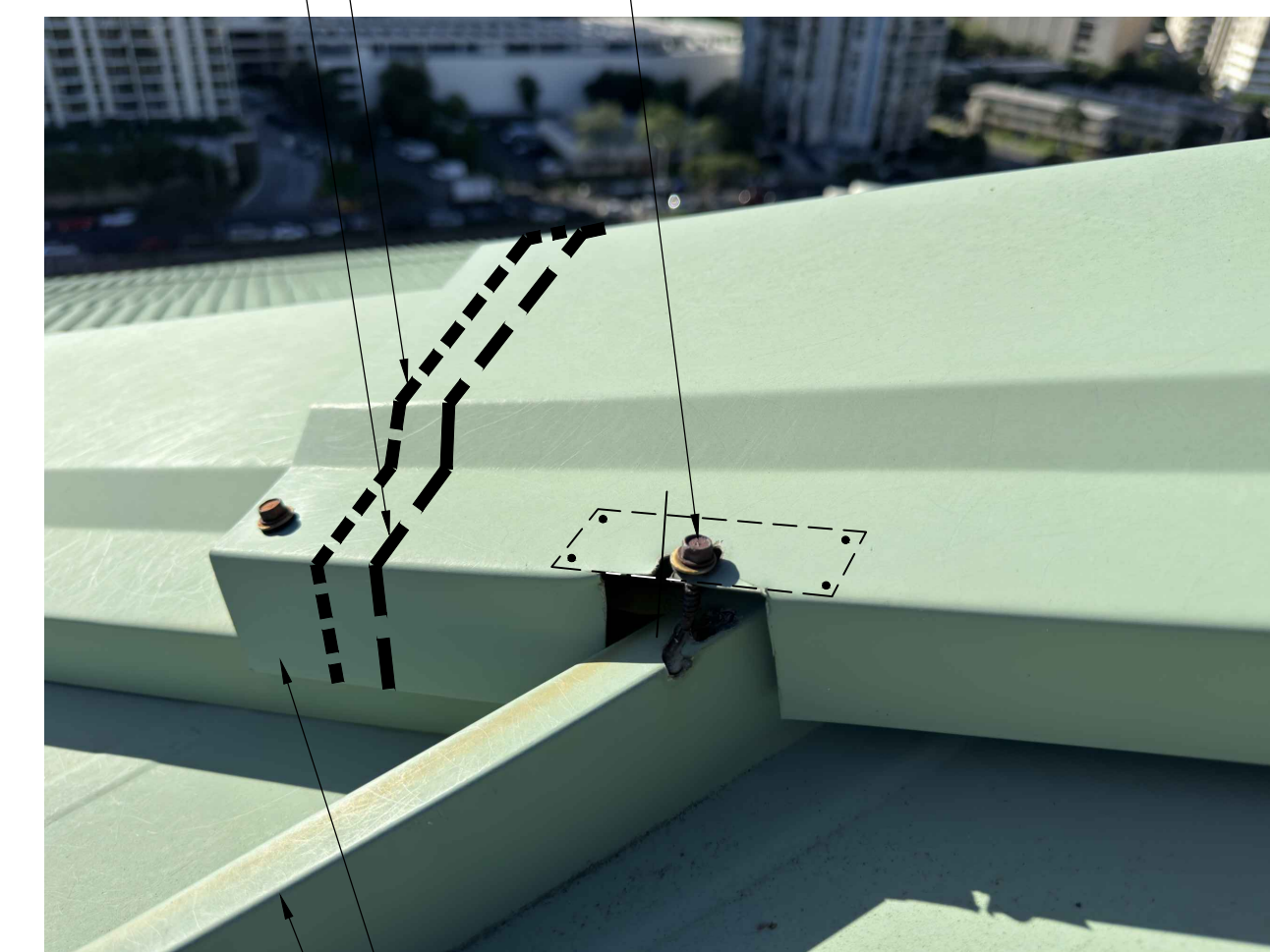
INSTALL 24 GA SS BACKING, SET IN FULL BED OF BUTYL SEALANT, SECURE TO (E) FLASHING WITH SS RIVETS, AND THEN SECURE DOWN INTO SOLID METAL AT STANDING SEAM WITH REPLACEMENT FASTENER

CLEAN LAP JOINTS TYPICALLY AT RIDGE AND HIPS, AND PLACE ONE ROW OF BUTYL TAPE. REPLACE ANY GASKETS PLACE BEAD OF SILICONE SEALANT.



REMOVE ALL (E) SEALANT WHERE PREVIOUS REPAIRS HAVE BEEN MADE, TYP.

WHERE EXISTING FLASHING HAS SHIFTED OUT OF PROPER PLACEMENT, REFIT TO FIT TIGHT AGAINST ADJACENT FLASHING



(E) STANDING SEAM

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

15

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

12

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

NOTE:  
1. ALL (E) EXPOSED FASTENERS TO BE REMOVED AND REPLACED, REFER TO WP1.01 & WP1.02

EXISTING CONDITION PHOTO REFERENCE

9

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

EXISTING CONDITION PHOTO REFERENCE

6

WP9.02

N.T.S. DO NOT SCALE PHOTO REFERENCES.

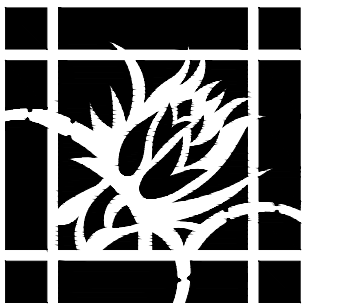
EXISTING CONDITION PHOTO REFERENCE

3

WP9.02

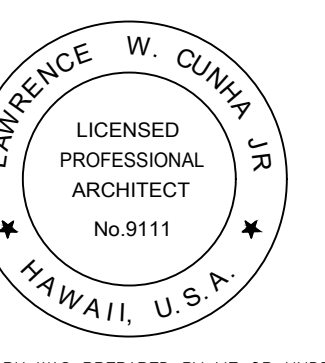
N.T.S. DO NOT SCALE PHOTO REFERENCES.

Architect:



WCITARCHITECTURE

725 Kapiolani Boulevard, Suite C400 Honolulu, Hawaii 96813 Ph 808.592.2345 Fax 808.592.2350



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION  
Lawrence W. Cunha, Jr., AIA Exp. Date 4/30/26  
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:



Making Buildings Perform Better

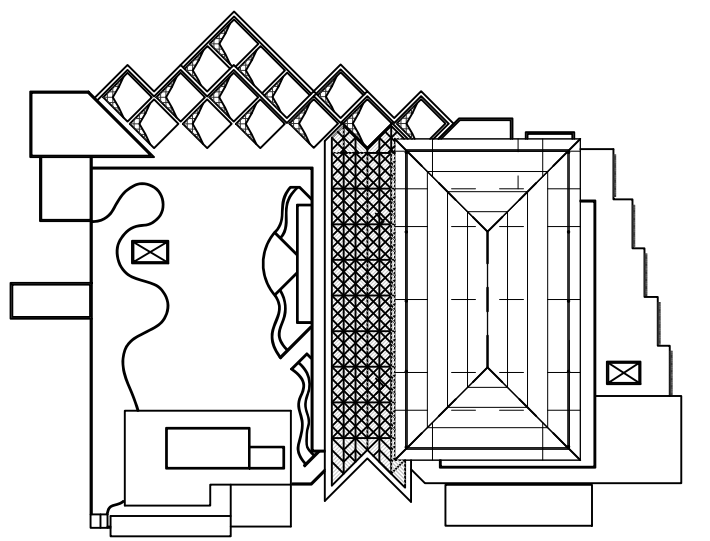
737 Bishop Street, Suite 2900 Honolulu, HI 96813 p 808.538.0115 f 808.538.0117 abbae.com

100% CONSTRUCTION DOCUMENTS

Project:

HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR

1801 Kalakaua Ave Honolulu, Hawaii, 96815



Drawing:

EXISTING CONDITIONS PHOTO REFERENCES

Revisions

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△	△
△	△
△	△

Phase:

Proj Number: 24110

Date: JULY 9, 2024

Sheet:

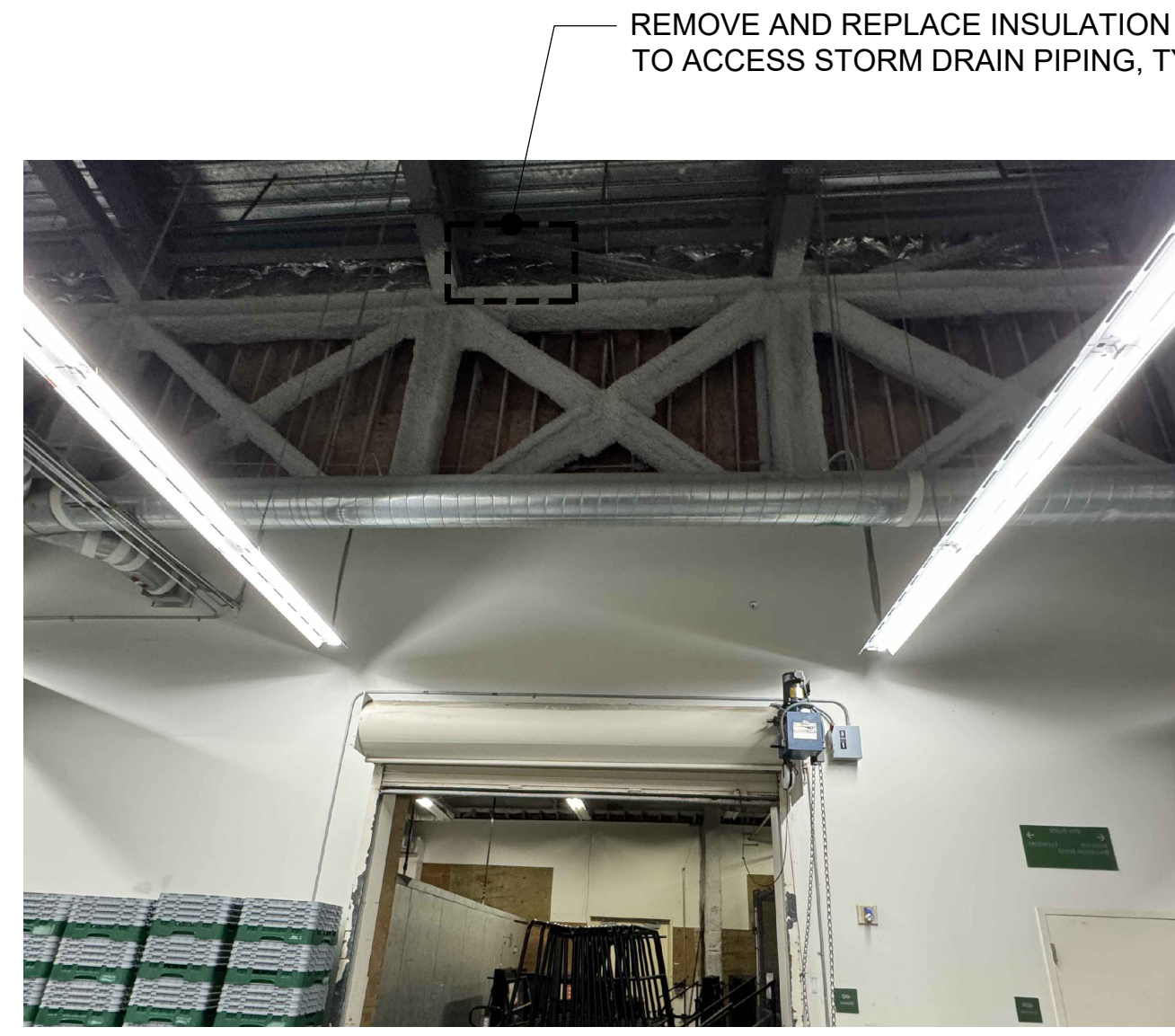
WP9.02

12 OF 19 SHEETS

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FULL SIZE SHEET IS 30" x 42"

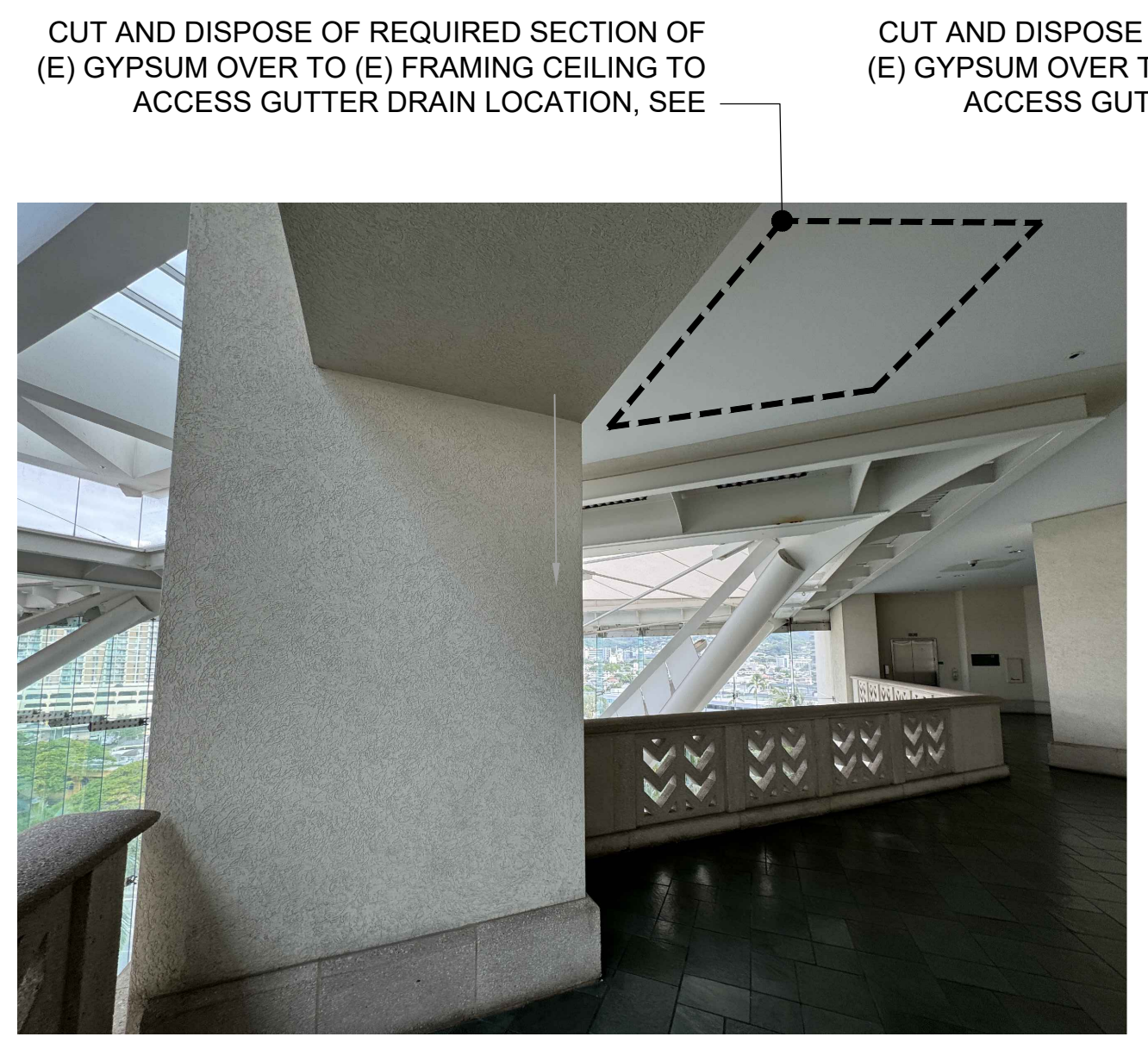
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NOTES:  
1. INSULATION REMOVED SHALL BE REINSTALLED AFTER PLUMBING WORK IS COMPLETE. AND DAMAGED INSULATION SHALL BE REPLACED IN MATCHING TYPE, AND THICKNESS.  
2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.

**DRAIN LOCATIONS PHOTO REFERENCE** 13  
WP9.03

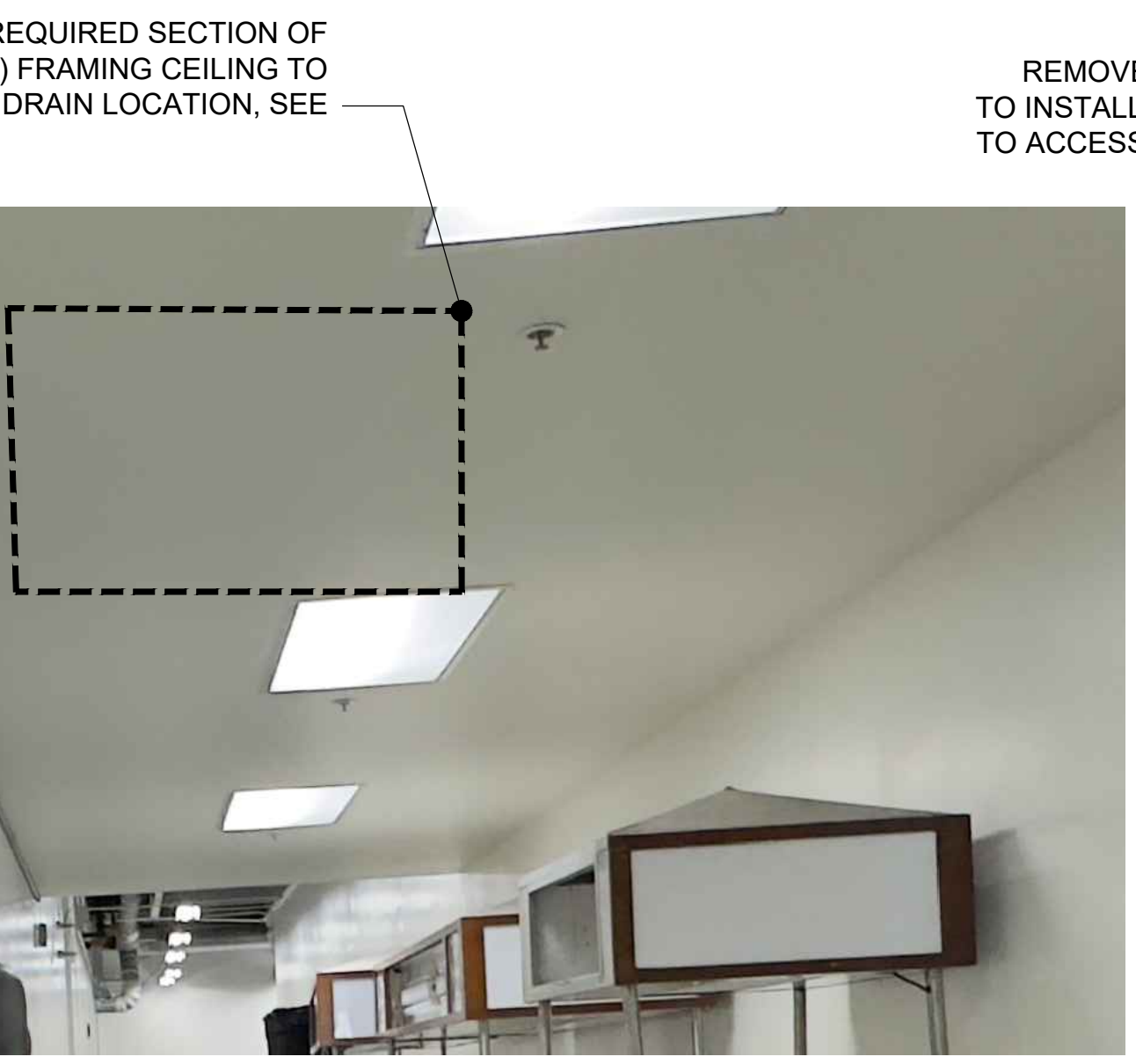
N.T.S. DO NOT SCALE PHOTO REFERENCES.



NOTE:  
1. CEILING GYPSUM BOARD TO BE REMOVED TO ACCESS DRAINS AND STORM DRAIN PIPING. REPLACE GYPSUM BOARD AND REPLACE WITH SAME MATERIAL IN MATCHING THICKNESS AND TYPE. TAPE AND DARBY FLOAT REPLACEMENT GYPSUM BOARD AND FEATHER ONTO (E) GYPSUM BOARD FOR A LEVEL 5 FINISH. PRIME AND PAINT IN MATCHING COLOR TO A INSIDE OR OUTSIDE CORNER.  
2. SEE DETAIL 2/WP5.02

**DRAIN LOCATIONS PHOTO REFERENCE** 10  
WP9.03

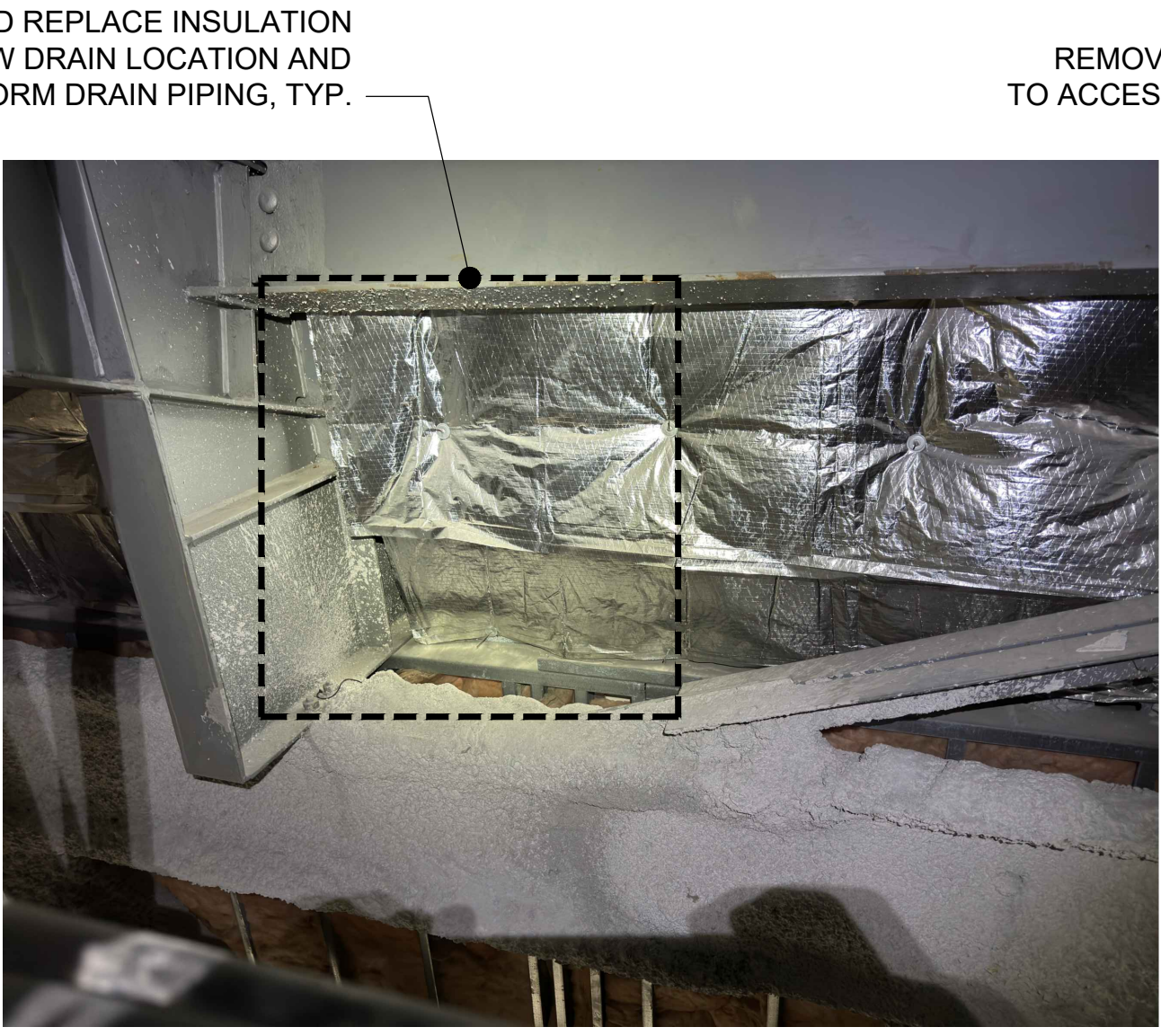
N.T.S. DO NOT SCALE PHOTO REFERENCES.



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2. SEE DETAIL 2/WP5.02

**DRAIN LOCATIONS PHOTO REFERENCE** 7  
WP9.03

N.T.S. DO NOT SCALE PHOTO REFERENCES.



NOTES:  
1. INSULATION REMOVED SHALL BE REINSTALLED AFTER PLUMBING WORK IS COMPLETE. AND DAMAGED INSULATION SHALL BE REPLACED IN MATCHING TYPE, AND THICKNESS.  
2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.

**DRAIN LOCATIONS PHOTO REFERENCE** 4  
WP9.03

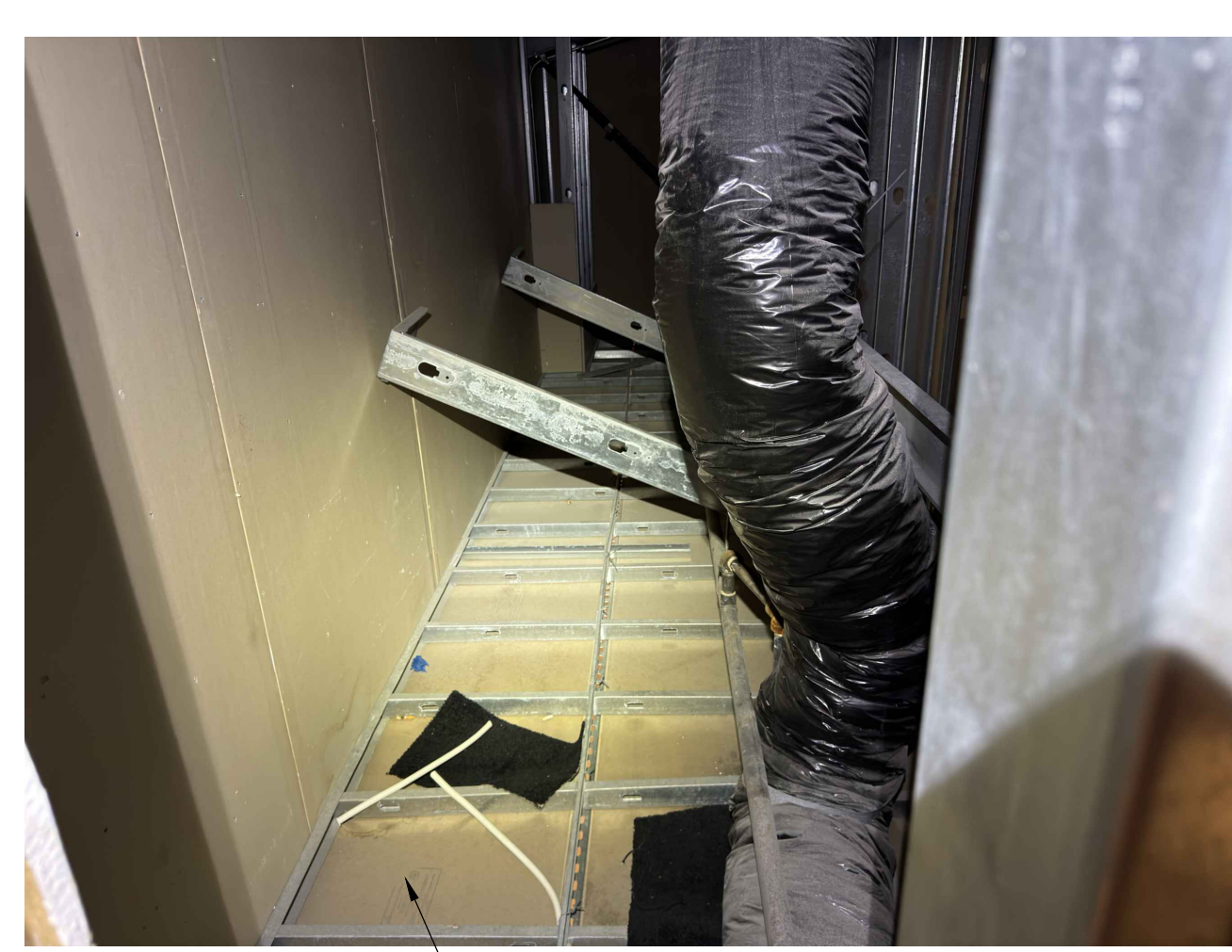
N.T.S. DO NOT SCALE PHOTO REFERENCES.



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2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.

**DRAIN LOCATIONS PHOTO REFERENCE** 1  
WP9.03

N.T.S. DO NOT SCALE PHOTO REFERENCES.



NOTES:  
1. INSULATION REMOVED SHALL BE REINSTALLED AFTER PLUMBING WORK IS COMPLETE. AND DAMAGED INSULATION SHALL BE REPLACED IN MATCHING TYPE, AND THICKNESS.  
2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.

**DRAIN LOCATIONS PHOTO REFERENCE** 14  
WP9.03

N.T.S. DO NOT SCALE PHOTO REFERENCES.



NOTES:  
1. INSULATION REMOVED SHALL BE REINSTALLED AFTER PLUMBING WORK IS COMPLETE. AND DAMAGED INSULATION SHALL BE REPLACED IN MATCHING TYPE, AND THICKNESS.  
2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.

**DRAIN LOCATIONS PHOTO REFERENCE** 11  
WP9.03

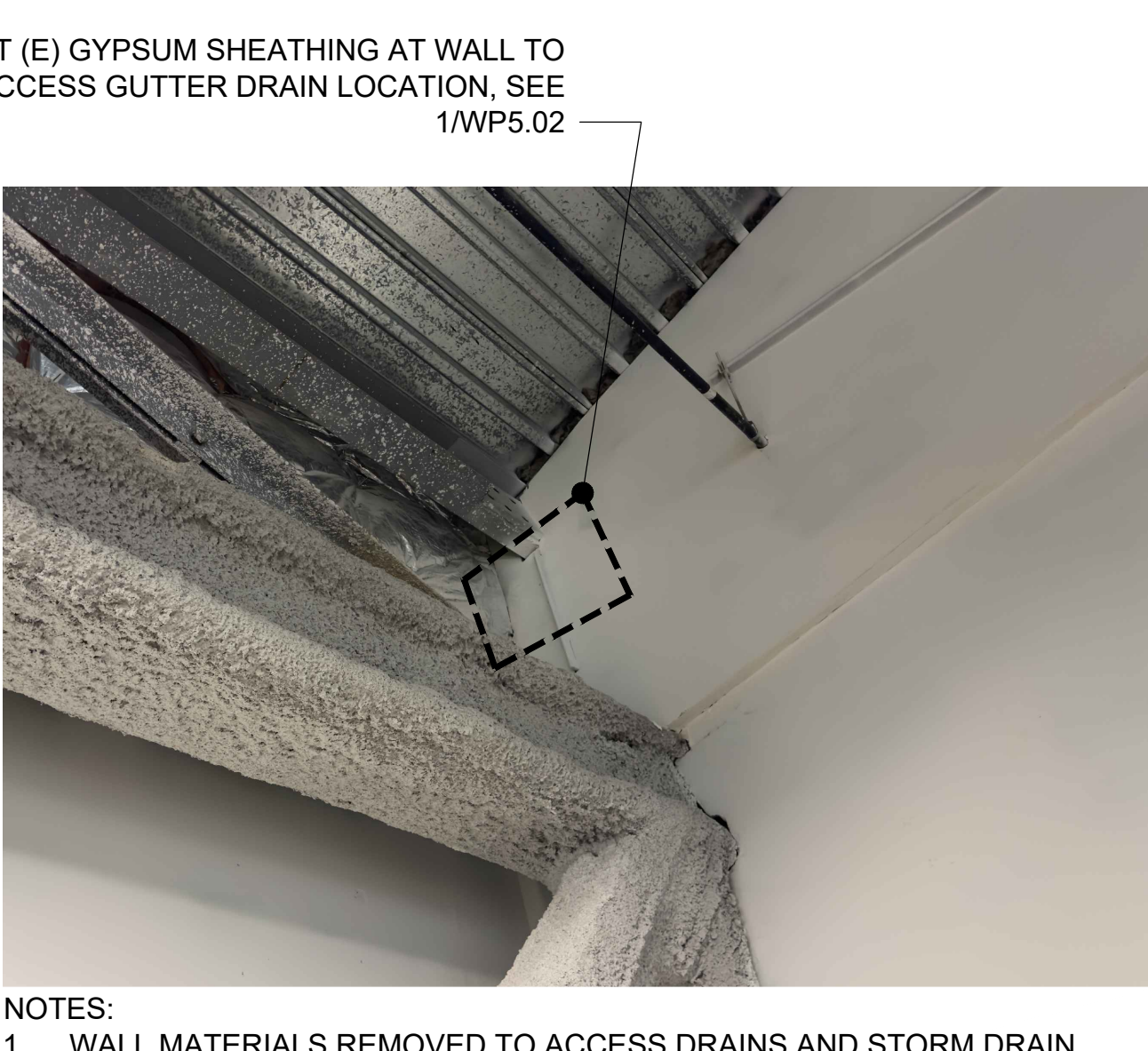
N.T.S. DO NOT SCALE PHOTO REFERENCES.



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**DRAIN LOCATIONS PHOTO REFERENCE** 8  
WP9.03

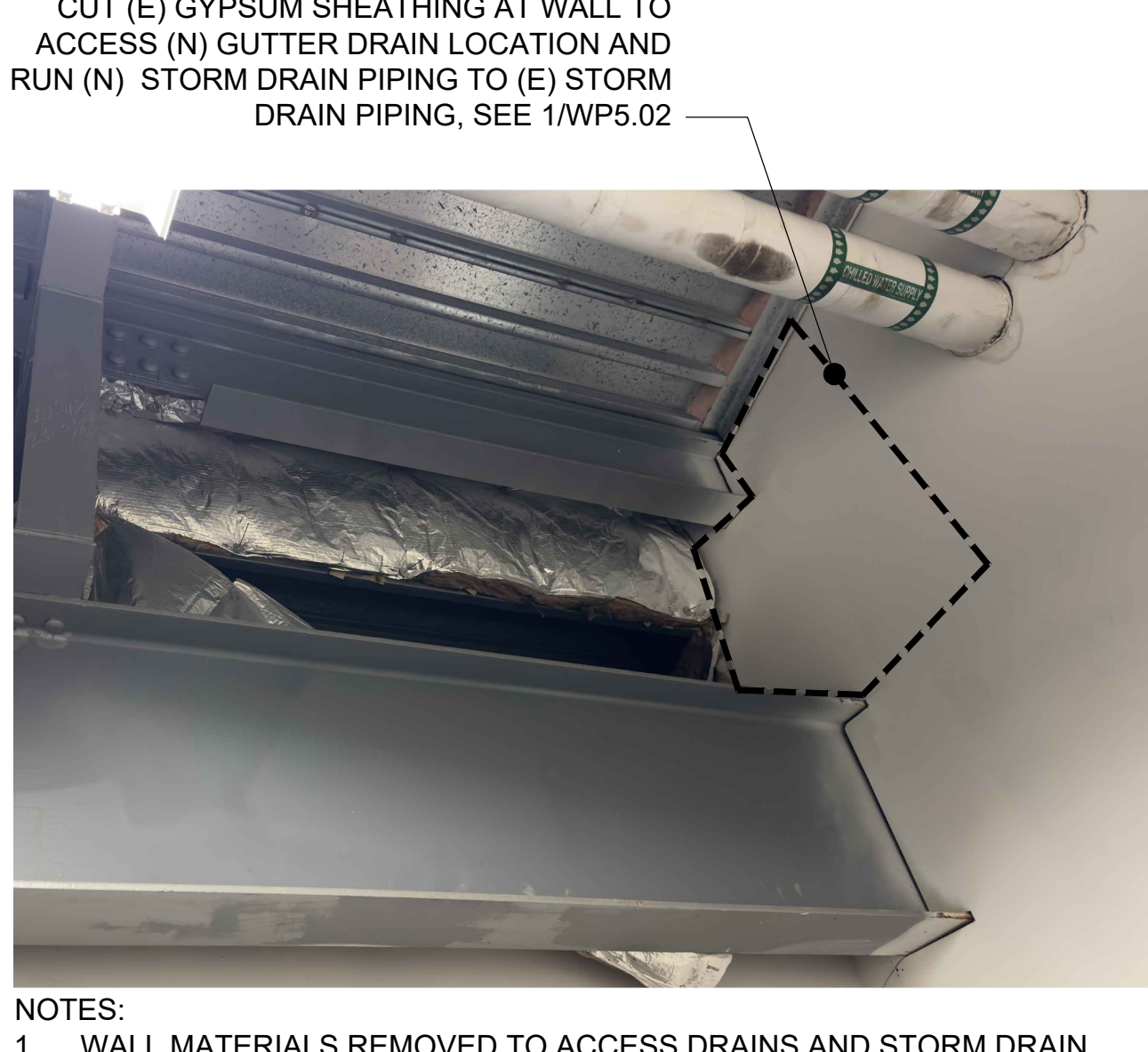
N.T.S. DO NOT SCALE PHOTO REFERENCES.



NOTES:  
1. WALL MATERIALS REMOVED TO ACCESS DRAINS AND STORM DRAIN PIPING SHALL BE REPLACED WITH SAME MATERIALS IN MATCHING THICKNESS AND TYPE, AND INCLUDING TAPING AND MUDDING SEAMS TO MATCH EXISTING FINISH AND PRIMING AND PAINTING IN MATCHING COLOR.  
2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.  
3. SEE DETAIL 1/WP5.02

**DRAIN LOCATIONS PHOTO REFERENCE** 5  
WP9.03

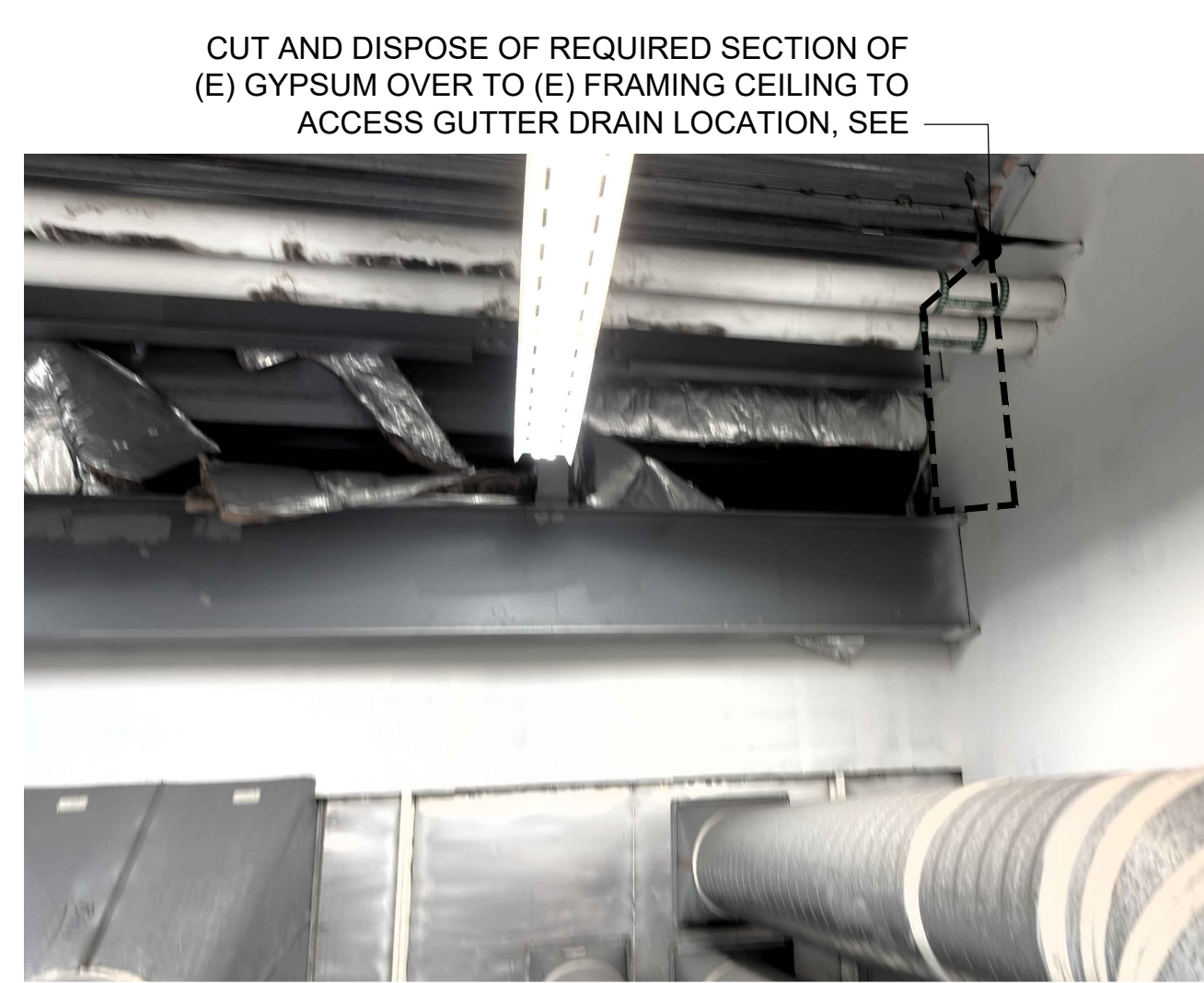
N.T.S. DO NOT SCALE PHOTO REFERENCES.



NOTES:  
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2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.  
3. SEE DETAIL 1/WP5.02

**DRAIN LOCATIONS PHOTO REFERENCE** 2  
WP9.03

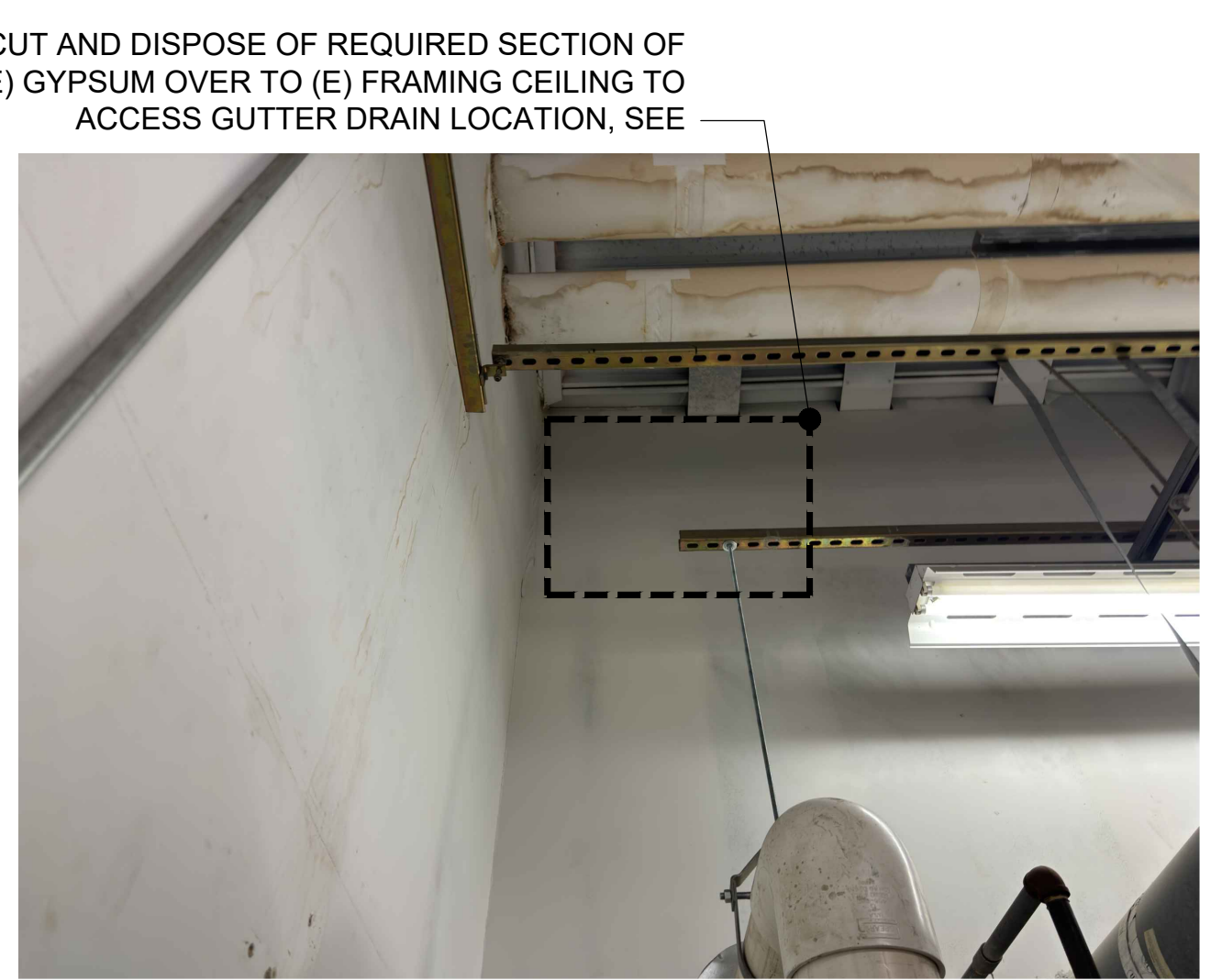
N.T.S. DO NOT SCALE PHOTO REFERENCES.



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2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.  
3. SEE DETAIL 1/WP5.02

**DRAIN LOCATIONS PHOTO REFERENCE** 15  
WP9.03

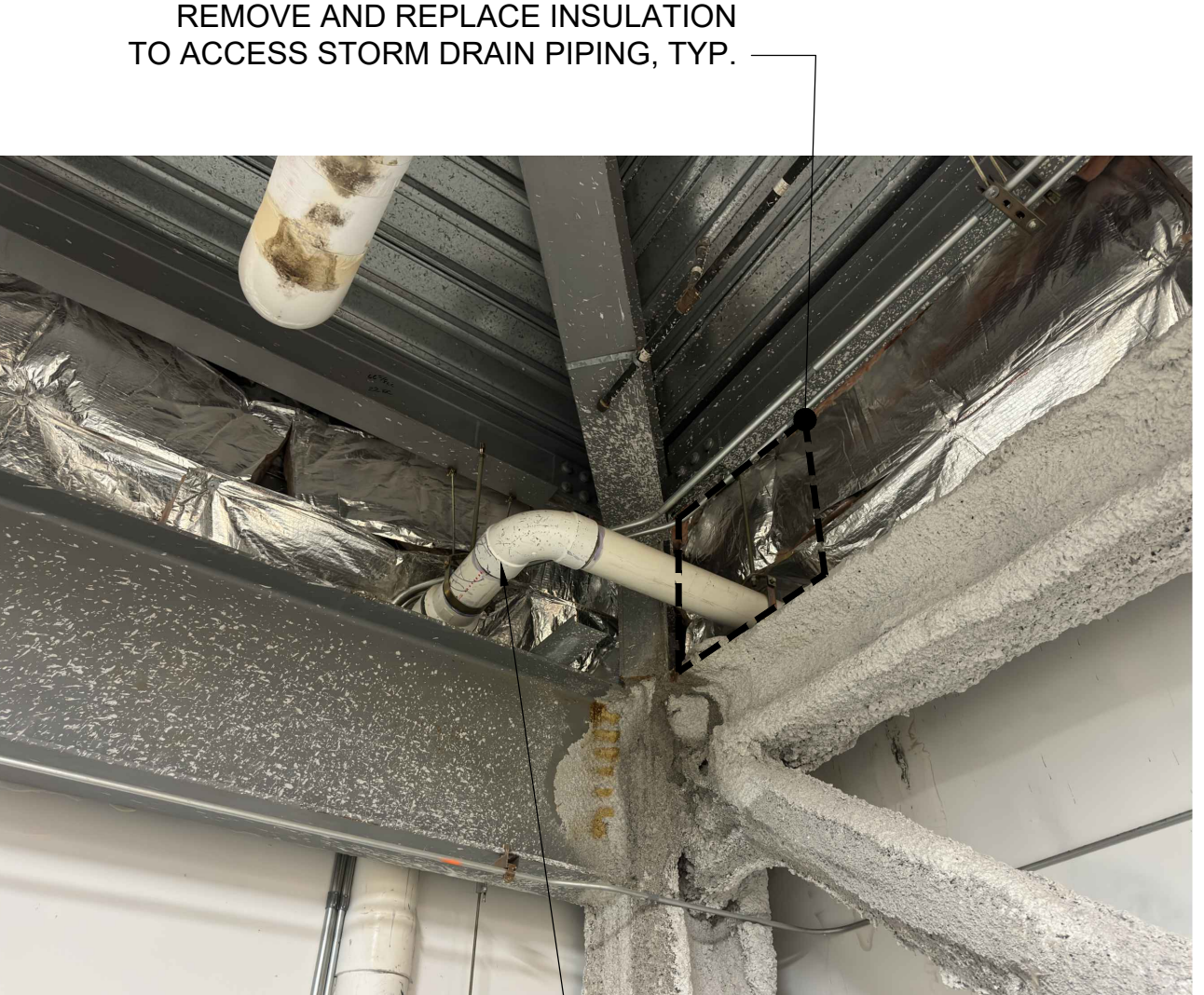
N.T.S. DO NOT SCALE PHOTO REFERENCES.



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2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.  
3. SEE DETAIL 1/WP5.02

**DRAIN LOCATIONS PHOTO REFERENCE** 12  
WP9.03

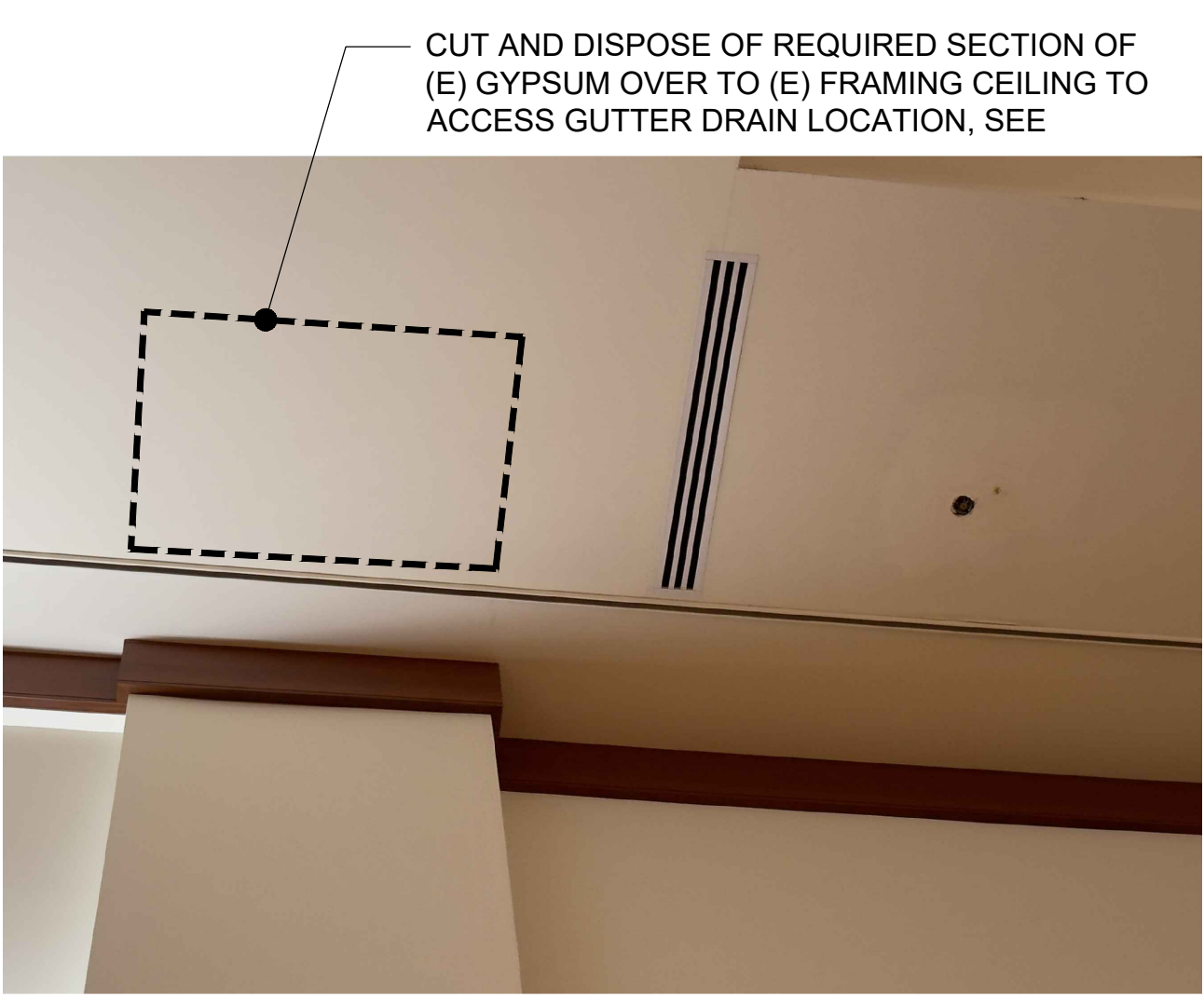
N.T.S. DO NOT SCALE PHOTO REFERENCES.



NOTES:  
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2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.

**DRAIN LOCATIONS PHOTO REFERENCE** 9  
WP9.03

N.T.S. DO NOT SCALE PHOTO REFERENCES.



NOTES:  
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2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.  
3. SEE DETAIL 1/WP5.02

**DRAIN LOCATIONS PHOTO REFERENCE** 6  
WP9.03

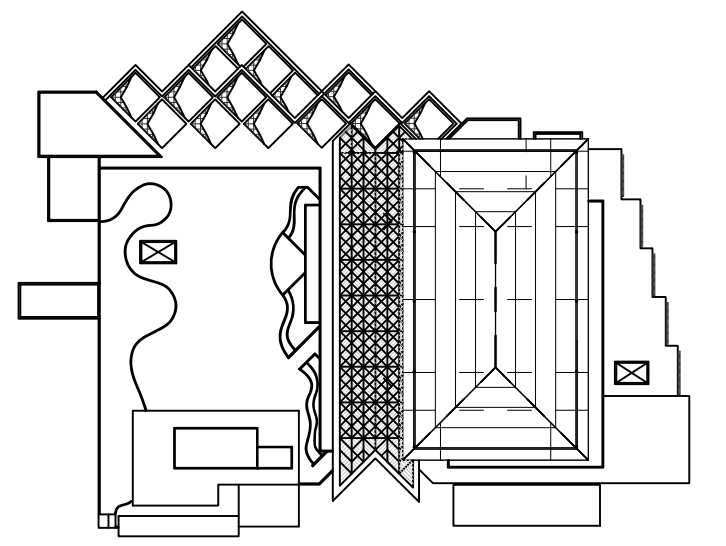
N.T.S. DO NOT SCALE PHOTO REFERENCES.



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2. REPLACE DAMAGED FIREPROOFING IN LIKE KIND.  
3. SEE DETAIL 1/WP5.02

**DRAIN LOCATIONS PHOTO REFERENCE** 3  
WP9.03

N.T.S. DO NOT SCALE PHOTO REFERENCES.



Revisions

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△	△
△	△
△	△

FULL SIZE SHEET IS 30" x 42"

19/04/2024 3:46:36 PM

# HAWAI' CONVENTION CENTER

## 1801 KALĀKAUA AVE HONOLULU, HI 96815

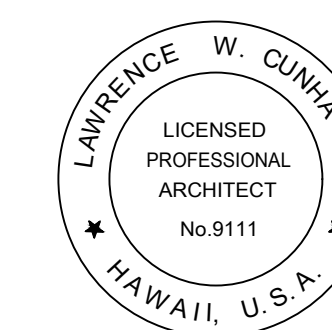
# GUTTER REPAIR AND ROOF SAFETY ANCHOR

Architect:



**WCITARCHITECTURE**

735 Kapiolani Boulevard, Suite C400 Honolulu, Hawaii 96813  
PH 808.592.2345 Fax 808.592.2350



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.  
Lawrence W. Cunha, Jr., AIA, Esq. DBM  
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:



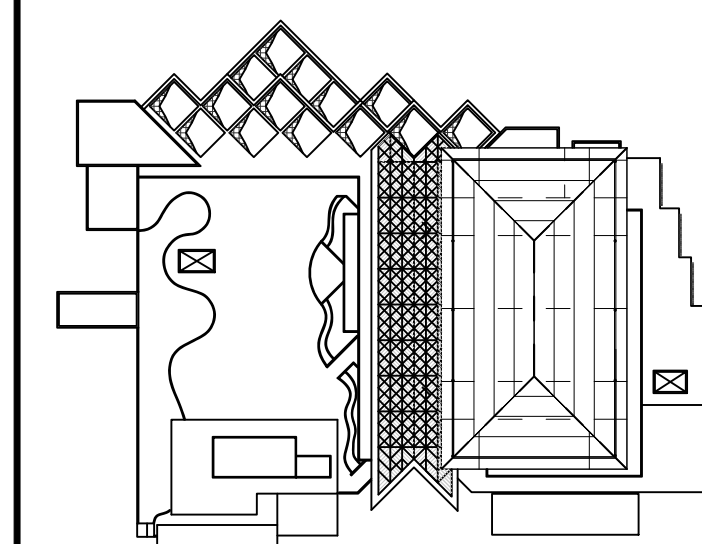
Making Buildings Perform Better

737 Bishop Street, Suite 2900 Honolulu, HI 96813  
p 808.538.0115 f 808.538.0117 abbae.com

### 100% CONSTRUCTION DOCUMENTS

Project: **HAWAI' CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR**

1801 Kalakaua Ave  
Honolulu, Hawaii, 96815



Drawing: **PLUMBING COVER SHEET**

Revisions

△	△
△	△
△	△
△	△

Phase:

Proj Number: 24110

Date: JULY 9, 2024

Sheet:

# P0.01

14 OF 19 SHEETS

### BUILDING DEPARTMENT REQUIREMENTS

PLANS COMPLY WITH THE FOLLOWING CODES, ORDINANCES AND REGULATIONS OF THE CITY AND COUNTY OF HONOLULU (CCHON) AND THE STATE OF HAWAII (SH).

INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION WITH LOCAL AMENDMENTS  
INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2018 EDITION WITH LOCAL AMENDMENTS  
UNIFORM PLUMBING CODE (UPC), 2018 EDITION WITH LOCAL AMENDMENTS  
UNIFORM FIRE CODE (UFC), NFPA 1 2018 EDITION WITH LOCAL AMENDMENTS  
NATIONAL ELECTRICAL CODE, 2017 EDITION WITH LOCAL AMENDMENTS  
DEPARTMENT OF HEALTH (DOH), HAWAII ADMINISTRATIVE RULES, TITLE 11, CH 39 - AIR CONDITIONING & VENTILATING

Project conforms with the design and construction requirements of the Americans with Disabilities Act Accessibility guideline

I ACKNOWLEDGE THAT ANY AND ALL APPROVED CHANGES/MODIFICATIONS/CORRECTIONS TO THE BUILDING PERMIT SET OF PLANS WILL BE REFLECTED ON THE BUILDING DIVISION FILE COPY AND JOB SITE COPY.

Joseph J. Higgins \_\_\_\_\_ Date \_\_\_\_\_  
Licensed Professional Engineer  
NO. 13391

### CITY AND COUNTY OF HONOLULU REVISED ORDINANCE CHAPTER 32 HONOLULU COUNTY CODE 1990, AS AMENDED

To the best of my knowledge, this project's design sustainability conforms to the Building Energy Conservation Code for:

- Building Component Systems
- Electrical Component Systems
- Mechanical Component Systems

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

License No: \_\_\_\_\_

### GENERAL NOTES

**CODES AND STANDARDS**  
ALL WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, COUNTY, MUNICIPAL CODES, AND ALL LOCAL ORDINANCES. WHERE PROVISIONS OF PERTINENT CODES AND STANDARDS CONFLICT WITH THESE DOCUMENTS, THE MORE STRINGENT PROVISIONS SHALL GOVERN.

**QUALITY ASSURANCE / GUARANTEE**  
A. MATERIALS TO BE NEW AND IN PERFECT CONDITION. WORKMANSHIP TO BE BEST STANDARD PRACTICE OF TRADE.

**VERIFYING EXISTING CONDITIONS**  
A. PLANS FOR THIS PROJECT HAVE BEEN PREPARED FROM EXISTING DRAWINGS AND LIMITED FIELD SURVEY INFORMATION, HOWEVER, LOCATIONS OF CONCEALED PIPING AND BUILDING SYSTEMS ARE NOT GUARANTEED. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING PIPING AND BUILDING ELEMENTS.  
B. BEFORE SUBMITTING BID, THE CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH ACTUAL EXISTING CONDITIONS AT THE SITE OF THE PRESENT INSTALLATION TO WHICH CONNECTIONS MUST BE MADE OR WHICH MUST BE CHANGED OR ALTERED.  
C. ANY EXISTING CONDITION FOUND NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANTS IMMEDIATELY, PRIOR TO BIDDING OR START OF ANY WORK.

**SUBMITTALS**  
CONTRACTOR MUST SUBMIT SHOP DRAWINGS OF MATERIALS AND EQUIPMENT DATA INFORMATION FOR APPROVAL PRIOR TO COMMENCEMENT OF HIS WORK.

**RESPONSIBILITY**  
A. THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO PREVENT THE GENERATION OF UNNECESSARY NOISE DURING THE WORK, AND SHALL KEEP NOISE LEVELS TO THE MINIMUM POSSIBLE.  
B. EXTREME CARE SHALL BE EXERCISED TO ENSURE PROTECTION OF EXISTING PIPING CONDUITS, EQUIPMENT AND THE PREMISES FROM DAMAGE. ALL DISCONNECTED PIPING SHALL BE SUITABLY CAPPED, PLUGGED AND PROTECTED UNTIL NEW CONNECTIONS ARE MADE. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR ANY AND ALL DAMAGE RESULTING FROM HIS MODIFICATION WORK.  
C. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY AND GOOD CONDITION OF ALL MATERIAL AND EQUIPMENT OF THE ENTIRE INSTALLATION UNTIL FINAL ACCEPTANCE BY THE OWNER. HE SHALL ERECT AND MAINTAIN SUITABLE BARRIERS, PROTECTIVE DEVICES, LIGHTS OR WARNING SIGNS, WHERE REQUIRED, FOR THE PROTECTION OF THE PUBLIC AND EMPLOYEES IN THE BUILDING AND SHALL BE FULLY RESPONSIBLE FOR ANY LOSS OR INJURY TO PERSONS OR PROPERTIES RESULTING FROM HIS NEGLIGENCE OF THESE PRECAUTIONS, HIS OWN CARELESSNESS, OR THE CARELESSNESS OF HIS EMPLOYEES.

**COORDINATION**  
A. DRAWINGS ARE DIAGRAMMATIC AND CLOSE COORDINATION WITH OTHER TRADES AND EXISTING CONDITIONS IS NECESSARY. DRAWINGS DO NOT SHOW ALL NECESSARY OFFSETS, FITTINGS, AND OTHER COMPONENTS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.  
B. CAREFULLY CHECK SPACE REQUIREMENTS WITH OTHER TRADES TO ENSURE THAT ALL MATERIALS CAN BE INSTALLED IN THE SPACES ALLOTTED THERETO.  
C. TRANSMIT TO TRADES DOING WORK OF OTHER SECTIONS ALL INFORMATION REQUIRED FOR THE WORK TO BE PROVIDED UNDER THEIR RESPECTIVE SECTIONS IN AMPLE TIME FOR INSTALLATION.  
D. WHEREVER THIS CONTRACTOR'S WORK INTERCONNECTS WITH WORK OF OTHER CONTRACTORS, THIS CONTRACTOR SHALL COORDINATE THE WORK WITH THESE CONTRACTORS TO ENSURE THAT ALL CONTRACTORS HAVE THE INFORMATION NECESSARY SO THAT THEY MAY PROPERLY INSTALL THE NECESSARY CONNECTIONS AND EQUIPMENT.  
E. WHILE THE DRAWINGS SHALL BE ADHERED TO AS CLOSELY AS POSSIBLE, THE CONTRACTOR MAY VARY THE RUNS OF PIPING AND SIZES OF DUCTWORK, AND MAY MAKE OFFSETS WHERE NECESSARY TO ACCOMMODATE CONDITIONS ARISING AT THE SITE.  
F. THE CONTRACTOR SHALL REQUEST APPROVAL FOR INTERRUPTION OF UTILITY SERVICE TO THE OWNER IN WRITING 14 DAYS IN ADVANCE OF SUCH WORK. WHERE REQUEST IS DENIED, THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY SERVICES NECESSARY AS DETERMINED BY THE OWNER.  
G. CONCRETE SLABS SHALL BE X-RAY SCANNED BEFORE ANY CORING.

**RECORD DRAWINGS:**  
CONTRACTOR TO PROVIDE OWNER WITH ACCURATE REPRODUCIBLE DRAWINGS OF THE INSTALLED MECHANICAL WORK UPON COMPLETION OF WORK. QUALITY OF DRAWINGS SHALL BE AS GOOD AS OR BETTER THAN THE CONTRACT DRAWINGS.

**SEISMIC REQUIREMENTS:**  
A. OCCUPANCY CATEGORY: IV  
B. IMPORTANCE FACTOR: 1.5

### SYMBOLS & ABBREVIATION LEGEND

GENERAL SYMBOL LEGEND		PIPING SYMBOL LEGEND		PIPING SYMBOL LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SECTION NUMBER SECTION CUT SHEET NUMBER		BALL VALVE		ROOF DRAIN
	DETAIL NUMBER DETAIL CALL OUT SHEET NUMBER		GATE VALVE		W.M. WATER METER
	SHEET KEYED NOTE		WATER FLOW DIRECTION		FS FLOOR SINK
	P.O.C. POINT OF CONNECTION		PIPE FLANGE		DOMESTIC COLD WATER PIPE
	RISER STACK NUMBER		PIPE UNION		DOMESTIC HOT WATER PIPE
	WALL THERMOSTAT		PIPE REDUCER		DOMESTIC HOT RECIRC. PIPE
	WALL TEMPERATURE SENSOR		PETE'S PLUG ACCESS PORT		CONDENSATE DRAIN PIPE
	EQUIPMENT TAG LABEL		PRESSURE GUAGE		PLUMBING VENT PIPE
	CEILING OR DUCT ACCESS PANEL/DOOR		TEMPERATURE GUAGE		WASTE PIPE
	POWER DISCONNECT		FLOOR CLEAN OUT		PREHEAT HW PIPE
<b>PIPING SYMBOL LEGEND</b>			2 WAY YARD CLEAN OUT		SOLAR COLLECTOR SUPPLY PIPE
	PIPE UP		CLEAN OUT		SOLAR COLLECTOR RETURN PIPE
	PIPE DOWN		FLEXIBLE CONNECTION		PUMP
	HOSE BIBB/ DRAIN VALVE		STRAINER W/ DRAIN VALVE		AUTOMATIC CONTROL VALVE
	VALVE ON PIPE RISER		FLOOR DRAIN		AQUASTAT
	MANUAL AIR VENT		VENT THROUGH ROOF		TEMPERATURE SENSOR
	BUTTERFLY SHUTOFF VALVE		PRESSURE RELIEF VALVE		DIFFERENTIAL PRESSURE TRANSDUCER
	CHECK VALVE		TEMP.-PRESS. RELIEF VALVE		IN-LINE FLOW METER

### DRAWING INDEX

- P0.01 - PLUMBING COVER SHEET
- P1.01 - BALLROOM ROOF -PLUMBING PLAN
- P1.02 - PENTHOUSE LEVEL STORM DRAIN PLUMBING -CONSTRUCTION PLAN
- P1.03 - BALLROOM LEVEL STORM DRAIN PLUMBING -CONSTRUCTION PLAN
- P5.01 - PLUMBING DETAILS & SCHEDULES
- P7.01 - STORM DRAIN ISOMETRIC PLUMBING DIAGRAM

### ABBREVIATIONS

ABB	ALLANA, BUICK AND BERS	FF	FINISH FLOOR	PLBG	PLUMBING
ABV	ABOVE	FIN	FINISH	PNT	PAINT
AD	AREA DRAIN	FIXT	FIXTURE	POC	POINT OF CONNECTION
ADA	AMERICAN DISABILITY ACT	FL	FLOOR	PRV	PRESSURE REDUCING VALVE
ADJ	ADJUSTABLE, ADJACENT	FO	FACE OF	PSI	POUNDS PER SQUARE INCH
AFF	ABOVE FINISH FLOOR	FOC	FACE OF CONCRETE	R	RADIUS
ALT	ALTERNATE	FOF	FACE OF FINISH	(R)	REMOVE
AP	ACCESS PANEL	FOS	FACE OF STUDS	RD	ROOF DRAIN
APPROX	APPROXIMATE	FRMG	FRAMING	REF	REFERENCE
ARCH	ARCHITECT	FS	FLOW SWITCH	REV	REVISION, REVISED
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	FT	FOOT, FEET	RM	ROOM
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS	FND	FOUNDATION	RPM	REVOLUTIONS PER MINUTE
ASSE	AMERICAN SOCIETY OF SANITARY ENGINEERS	G	GAS	R	RISER
AW	ACID WASTE	GA	GAUGE	RWL	RAIN WATER LEADER
		GAL	GALLON	S	SINK
		GALV	GALVANIZED	SAN	SANITARY/WASTE PIPE
		GND	GROUND	SCHED	SCHEDULE
		GR	GRADE	SD	STORM DRAIN PIPE
BLDG	BUILDING	GCO	GRADE CLEANOUT	SECT	SECTION
BLKG	BLOCKING	GPM	GALLONS PER MINUTE	SF	SQUARE FEET
BM	BEAM			SFU	SUPPLY FIXTURE UNIT
BOT	BOTTOM			SH	SHOWER
BS	BOTTOM OF SILL	HB	HOSE BIBB	SIM	SIMILAR
BT	BATHTUB	HP	HORSEPOWER	SPEC	SPECIFICATION
BTU	BRITISH THERMAL UNIT	HR	HOUR	SQ	SQUARE
BTUH	BRITISH THERMAL UNIT PER HOUR	HT	HEIGHT	SS	STAINLESS STEEL
		HW	HOT WATER SUPPLY	ST	STORM WATER
		HWR	HOT WATER RETURN	STD	STANDARD
				STG	STORM WATER FROM GREEN ROOF
CA	COMPRESSED AIR	ID	INSIDE DIAMETER	STL	STEEL
CD	CONDENSATE DRAIN	INT	INTERIOR	STRUCT	STRUCTURAL
CI	CAST IRON	INV	INVERT	SUSP	SUSPENDED
CLG	CEILING	JAN	JANITOR	SYM	SYMMETRICAL
CLKG	CAULKING	JST	JOIST	TD	TRENCH DRAIN
CLR	CLEAR	JT	JOINT	TEMP	TEMPERATURE
CO	CLEAN-OUT			TMV	THERMOSTATIC MIXING VALVE
CONC	CONCRETE	KS	KITCHEN SINK	TO	TOP OF
CONN	CONNECTION	LAV	LAVATORY	TOC	TOP OF CONCRETE
CONST	CONSTRUCTION	LAM	LAMINATE	TOS	TOP OF SLAB
CONT	CONTINUOUS/CONTINUATION	LOC	LOCATION	TP	TRAP PRIMER TUBE
COTG	CLEANOUT TO GRADE	L	LONG	TW	TEMPERED WATER
CTR	CENTER	LT	LIGHT	TYP	TYPICAL
CW	COLD WATER			U	URINAL
		MAX	MAXIMUM	UON	UNLESS OTHERWISE NOTED
		MBH	THOUSAND BTUH	UNF	UNFINISHED
DBL	DOUBLE	MCA	MINIMUM CIRCUIT AMPACITY	V	VENT
DCW	DOMESTIC COLD WATER	MECH	MECHANICAL	VERT	VERTICAL
DEMO	DEMOLISH	MFR	MANUFACTURER	VIF	VERIFY IN FIELD
DET	DETAIL	MGCV	MASTER GAS CONTROL VALVE	VTR	VENT THROUGH ROOF
DF	DRINKING FOUNTAIN			W	WIDE / WIDTH / WASHER / WASTE
DFU	DRAINAGE FIXTURE UNIT	MIN	MINIMUM	W/	WITH
DHW	DOMESTIC HOT WATER	MISC	MISCELLANEOUS	WC	WATER CLOSET
DIA	DIAMETER	MOCP	MAXIMUM OVERCURRENT PROTECTION	WCO	WALL CLEANOUT
DIAG	DIAGONAL			WF	WATER FOUNTAIN
DIM	DIMENSION	MS	MOP SINK	WFO	WASTE FIXTURE UNIT
DN	DOWN	MTD	MOUNTED	WH	WATER HEATER
DS	DOWN SPOUT			WI	WROUGHT IRON
DWG	DRAWING	NG	NATURAL GAS	WM	WATER METER
DWH	DOMESTIC WATER HEATER	NO	NOT IN CONTRACT	WO	WHERE OCCURS
DVV	DRAIN, WASTE, AND VENT	NIC	NOT IN CONTRACT	WO	WITHOUT
		NO	NUMBER	WT	WEIGHT
		NOM	NOMINAL		
(E)	EXISTING	NFWS	NON-FREEZE WALL HYDRANT	UBC	UNIFORM BUILDING CODE
EA	EACH	NT	ACID NEUTRALIZATION TANK	NEC	NATIONAL ELECTRICAL CODE
ELEC	ELECTRICAL	NTS	NOT TO SCALE	UPC	NATIONAL PLUMBING CODE
ELEV	ELEVATION			HBC	HAWAII BUILDING CODE
EMER	EMERGENCY	OD	STORM OVERFLOW DRAIN PIPE	HEC	HAWAII ELECTRICAL CODE
EST	EMERGENCY STORM WATER	O.D.	OUTSIDE DIAMETER	HMC	HAWAII MECHANICAL CODE
ETR	EXISTING TO REMAIN	OFCl	OWNER FURNISHED, CONTRACTOR INSTALLED	HMC	HAWAII PLUMBING CODE
ENCL	ENCLOSURE				
EQ	EQUAL	OH	OPPOSITE HAND		
EQUIP	EQUIPMENT	P	PUMP		
EW	EACH WAY	PD	PLANTER DRAIN		
EXT	EXTERIOR	PDI	PLUMBING DRAIN INSTITUTE		
		PH	PHASE (ELECTRICAL)		
F	WATER FILTER				
FD	FLOOR DRAIN				

### SUMMARY OF WORK

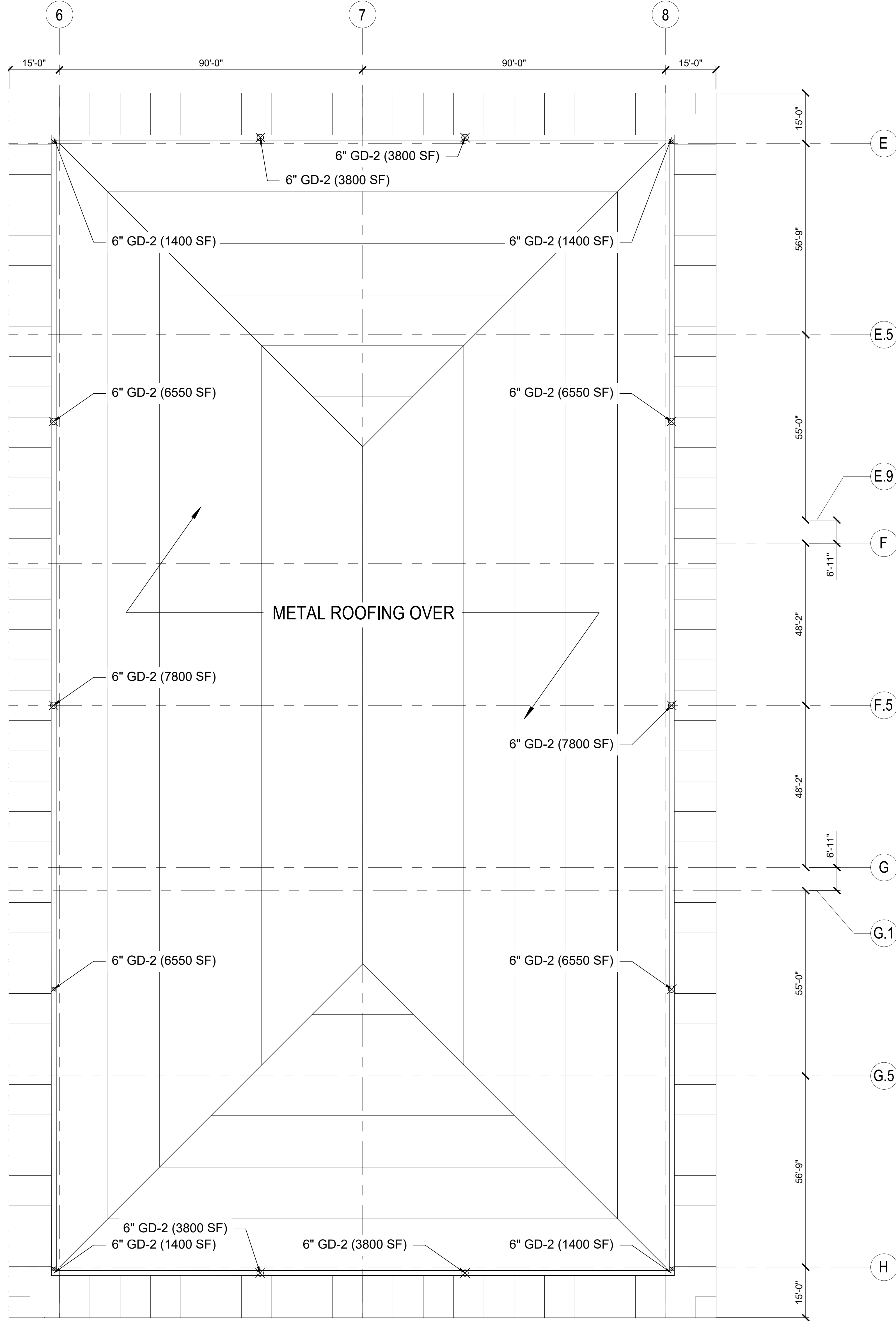
THE MECHANICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND TRANSPORTATION REQUIRED TO PRODUCE COMPLETE AND OPERATING INSTALLATION OF THE WORK OF THE SYSTEMS SHOWN IN THE CONTRACT DOCUMENTS, AS PROVIDED IN THE SPECIFICATIONS AND SHOWN ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING PRINCIPAL ITEMS OF WORK:

- A. FURNISH FIELD INVESTIGATION AND SURVEY OF EXISTING SYSTEMS
- B. FURNISH COORDINATION WITH ALL OTHER TRADES AND RESOLVE CONFLICTS, IF ANY, TO ACCOMMODATE THE REQUIRED SEQUENCE PHASING OF CONSTRUCTION.
- C. PROVIDE DEMOLITION.
- D. FURNISH AND INSTALL EQUIPMENT SCHEDULED ON DRAWINGS.
- E. FURNISH/INSTALL NEW PIPING AND ACCESSORIES.
- F. PROVIDE SUPPORT AND SEISMIC RESTRAINT FOR PIPING.
- G. PROVIDE SYSTEM TESTING, PER AHJ REQUIREMENTS.

### PERMITS

CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR INSTALLATION AND CONSTRUCTION OF THE PLUMBING WORK REQUIRED BY AUTHORITIES HAVING JURISDICTION AND PAY ALL REQUIRED FEES. ARRANGE AND PAY FOR INSPECTIONS AND EXAMINATIONS SO REQUIRED AND DELIVER CERTIFICATES OF ALL INSPECTIONS TO THE OWNER.

FULL SIZE SHEET IS 30" x 42"



**LEGEND:**

- × ROOF DRAINS (INSIDE ROOF GUTTER)

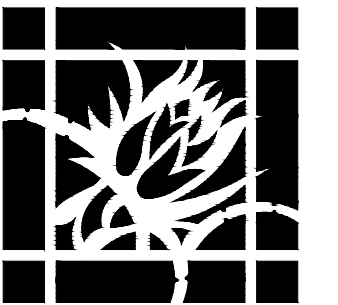
**GENERAL SHEET NOTES**

- FURNISH AND INSTALL NEW ROOF DRAINS IN BALLROOM ROOF GUTTER WHERE SHOWN.
- COORDINATE WITH ROOFING CONTRACTOR FOR SLOPE REQUIREMENTS

**SHEET NOTES (AS NOTED WITH #):**

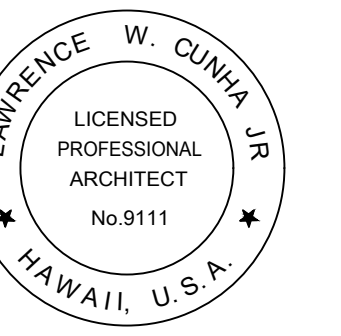
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Architect:



**WCITARCHITECTURE**

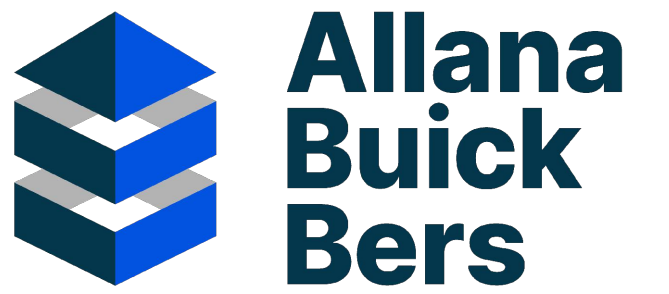
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4/30/26  
Lawrence W. Cunha, Jr., AIA, Esq. Date  
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:



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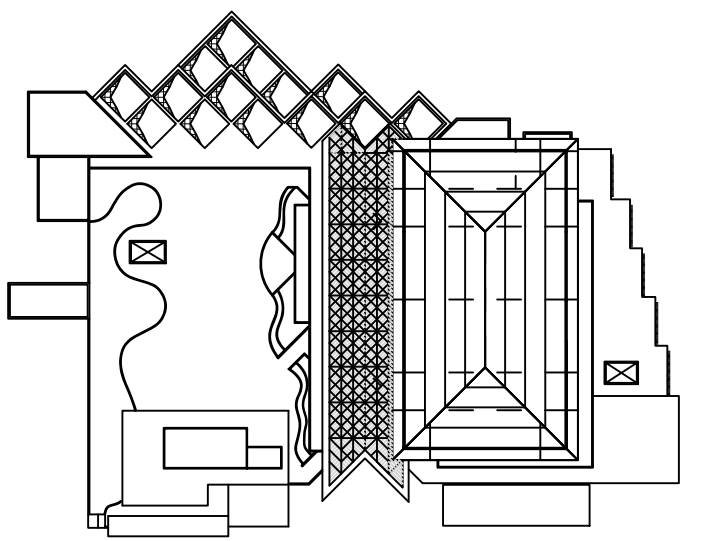
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p 808.538.0115 f 808.538.0117 abbae.com

100%  
CONSTRUCTION  
DOCUMENTS

Project:

**HAWAII  
CONVENTION  
CENTER GUTTER  
REPAIR AND ROOF  
SAFETY ANCHOR**

1801 Kalakaua Ave  
Honolulu, Hawaii, 96815



Drawing:

**BALLROOM ROOF -  
PLUMBING PLAN**

Revisions

△	△
△	△
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Phase:

Proj Number: 24110

Date: JULY 9, 2024

Sheet:

**P1.01**

15 OF 19 SHEETS

**BALLROOM ROOF - PLUMBING PLAN**

P1.01

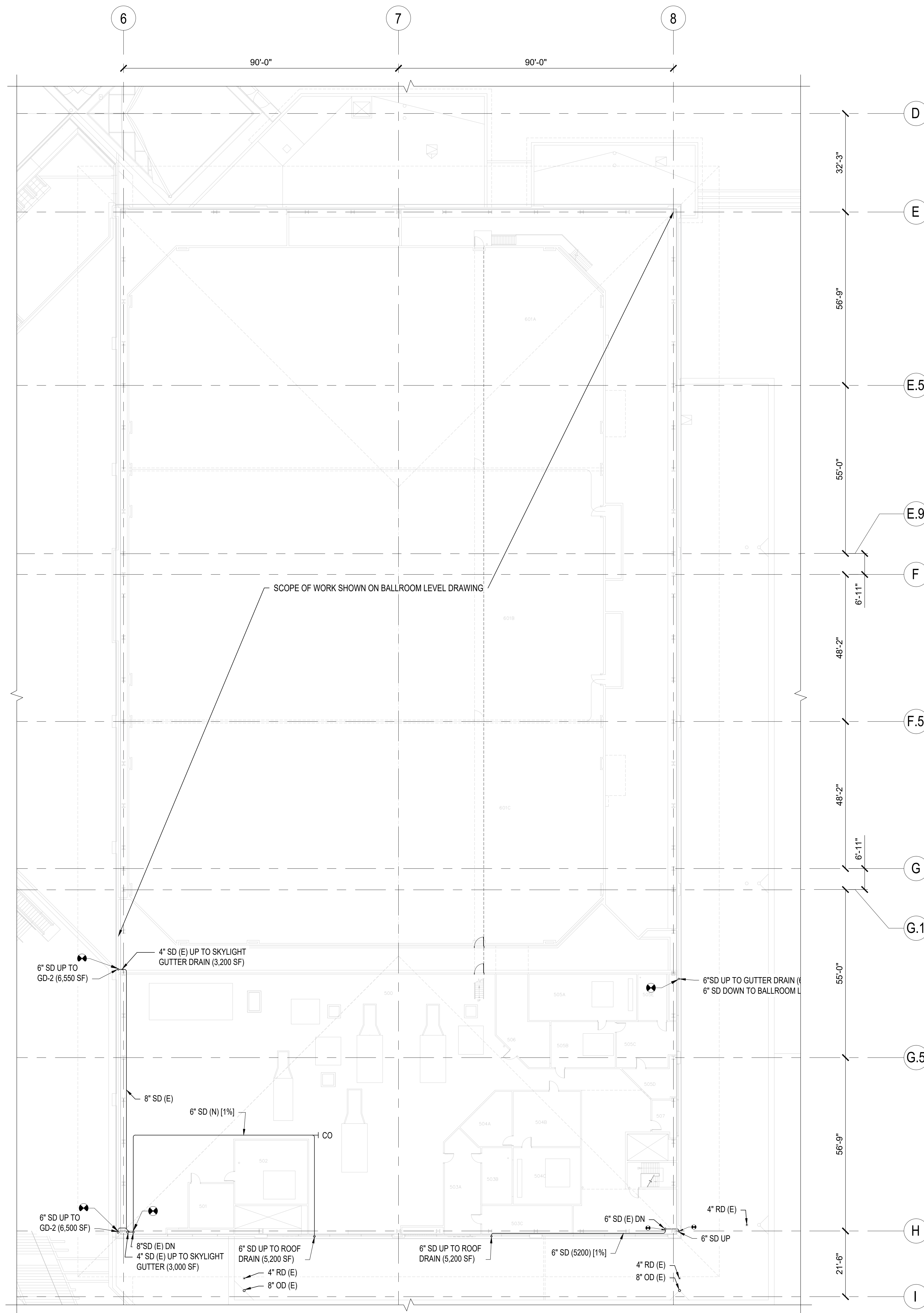
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NOT TO SCALE SHOWN

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FULL SIZE SHEET IS 30" x 42"

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19/04/2024 3:48:36 PM



BALLROOM LEVEL STORM DRAIN PLUMBING - CONSTRUCTION PLAN

SCALE: 1/16" = 1'-0"

Architect:

**WCITARCHITECTURE**  
725 Kapiolani Boulevard, Suite C400 Honolulu, Hawaii 96813  
Ph 808.592.2345 Fax 808.592.2350



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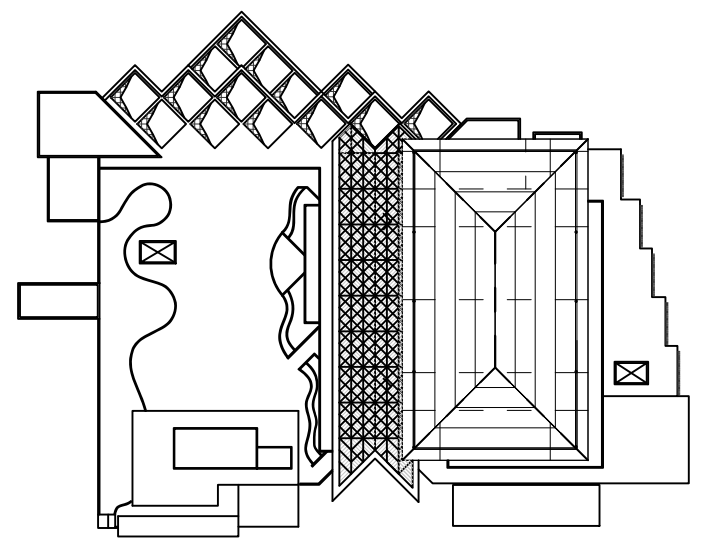
4/30/26  
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Consultant:

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Project:  
**HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR**  
1801 Kalakaua Ave  
Honolulu, Hawaii, 96815



Drawing:  
**PENTHOUSE LEVEL STORM DRAIN PLUMBING - CONSTRUCTION PLAN**

Revisions	
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Phase:  
Proj Number: 24110  
Date: JULY 9, 2024  
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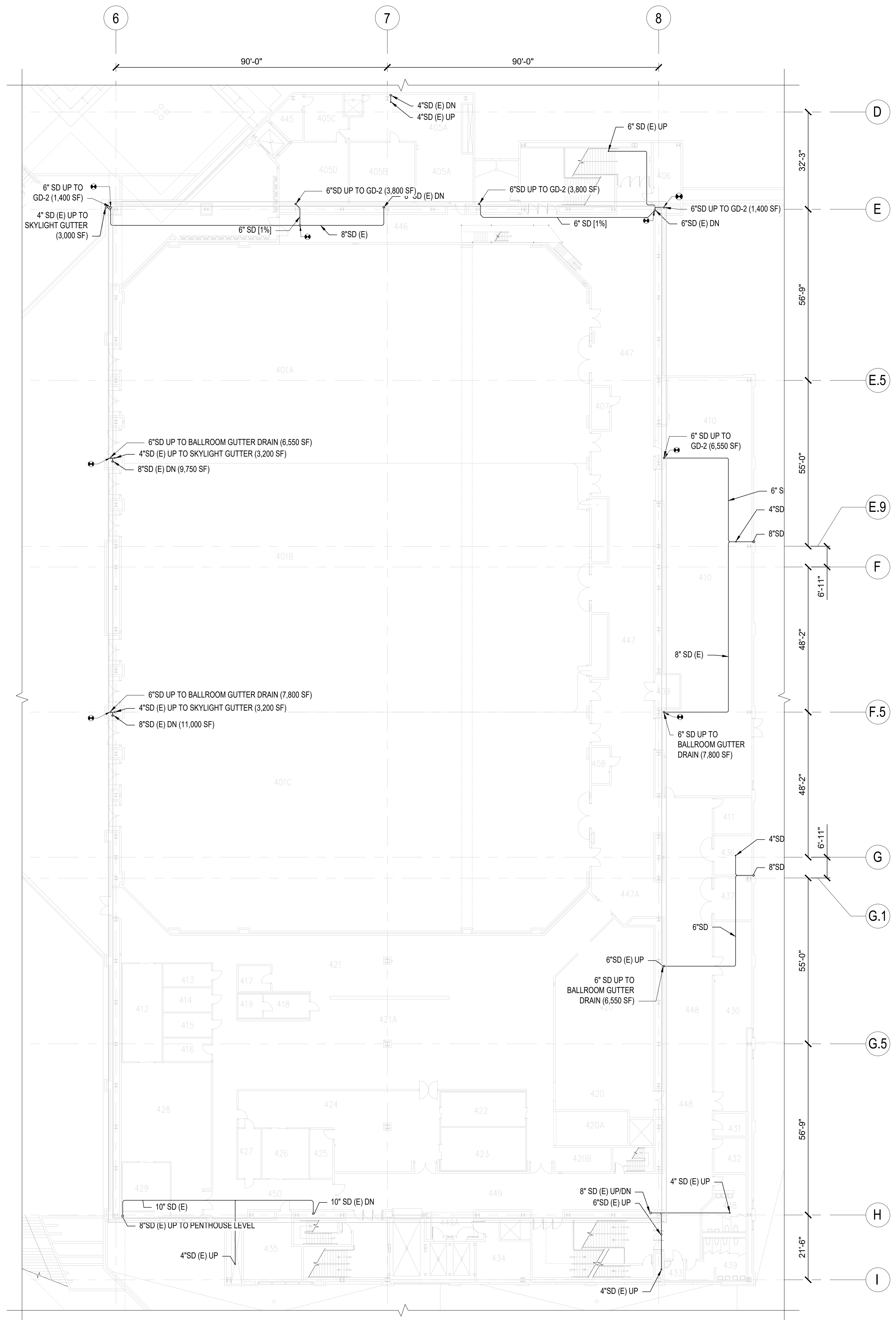
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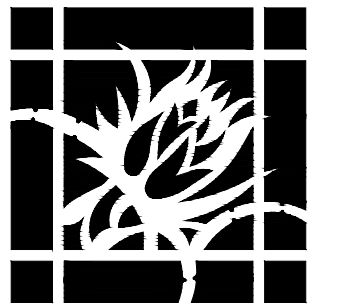
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BALLROOM LEVEL STORM DRAIN PLUMBING - CONSTRUCTION PLAN

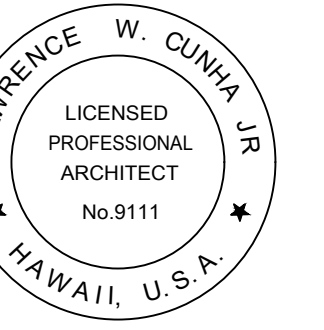
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Architect:



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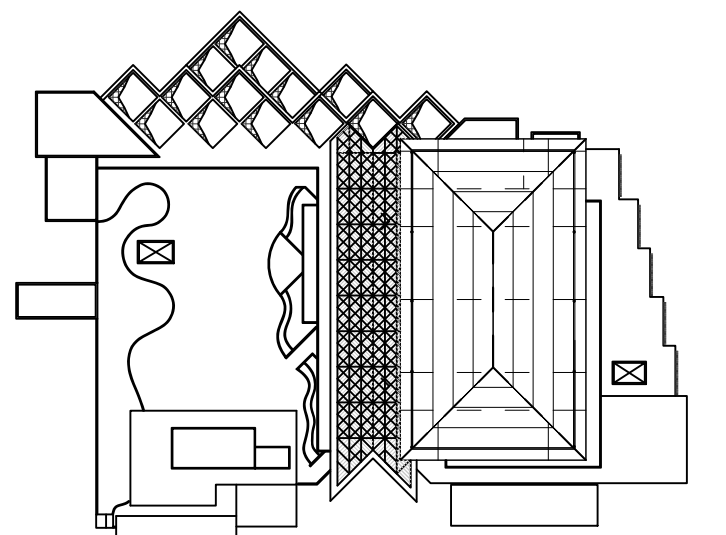
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Drawing:

BALLROOM LEVEL STORM DRAIN PLUMBING - CONSTRUCTION PLAN

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Proj Number: 24110

Date: JULY 9, 2024

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P1.03

17 OF 19 SHEETS

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10

P5.01

NOT USED

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

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P5.01

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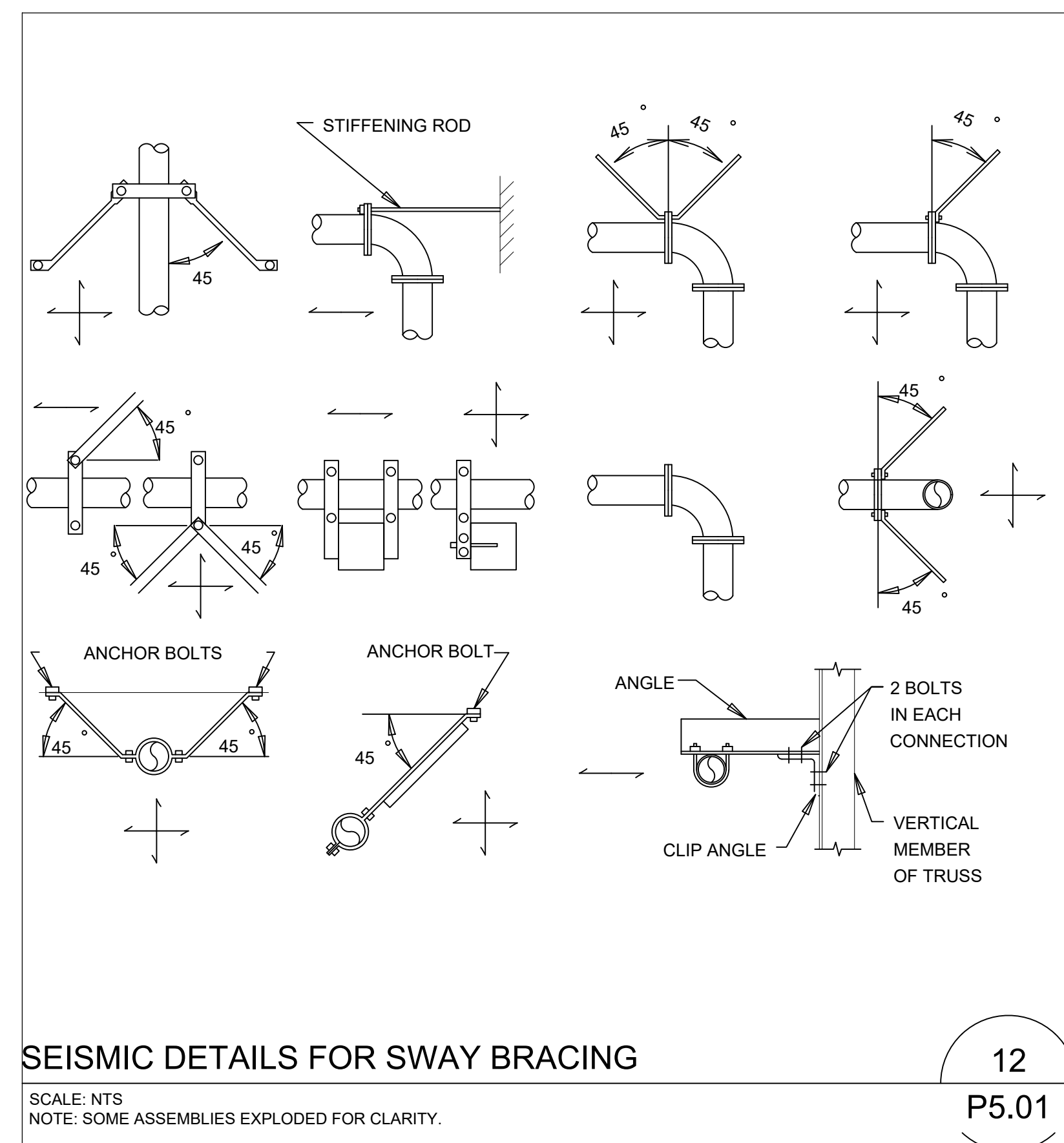
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1

P5.01



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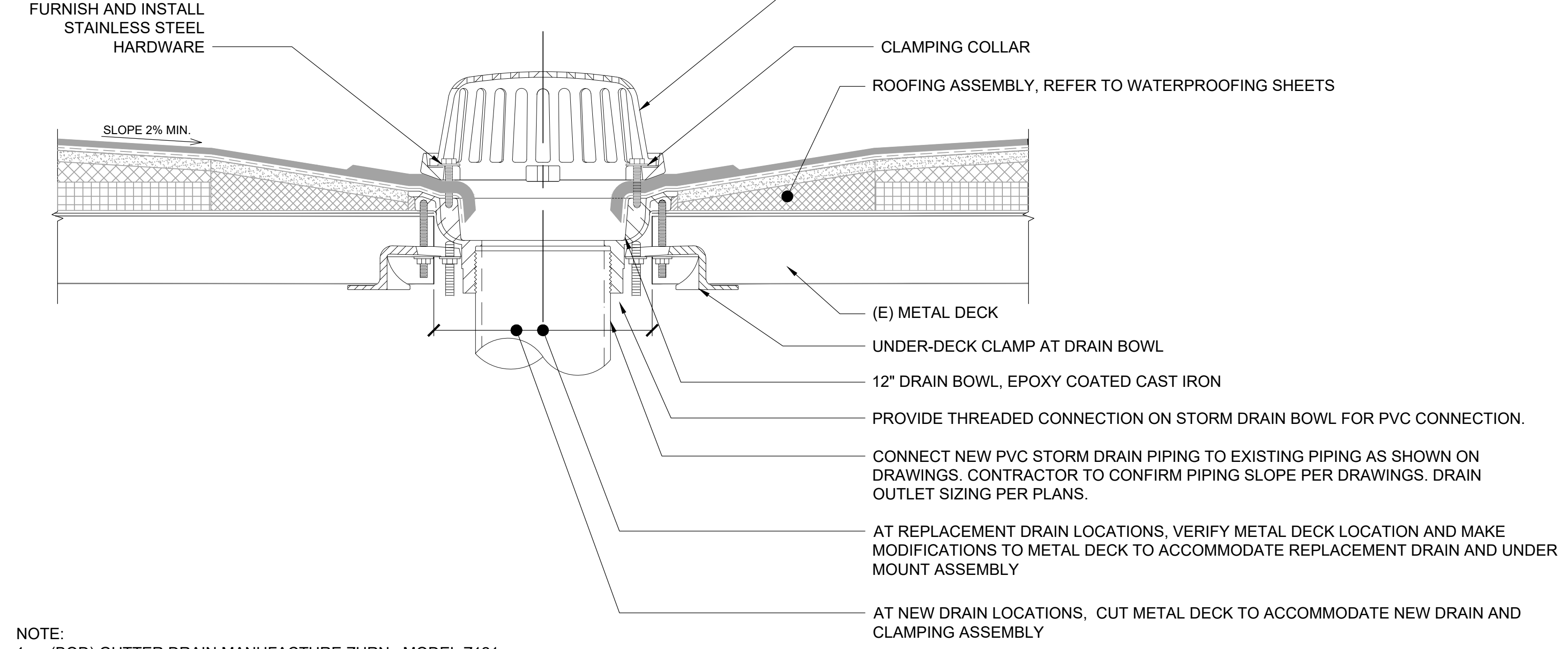
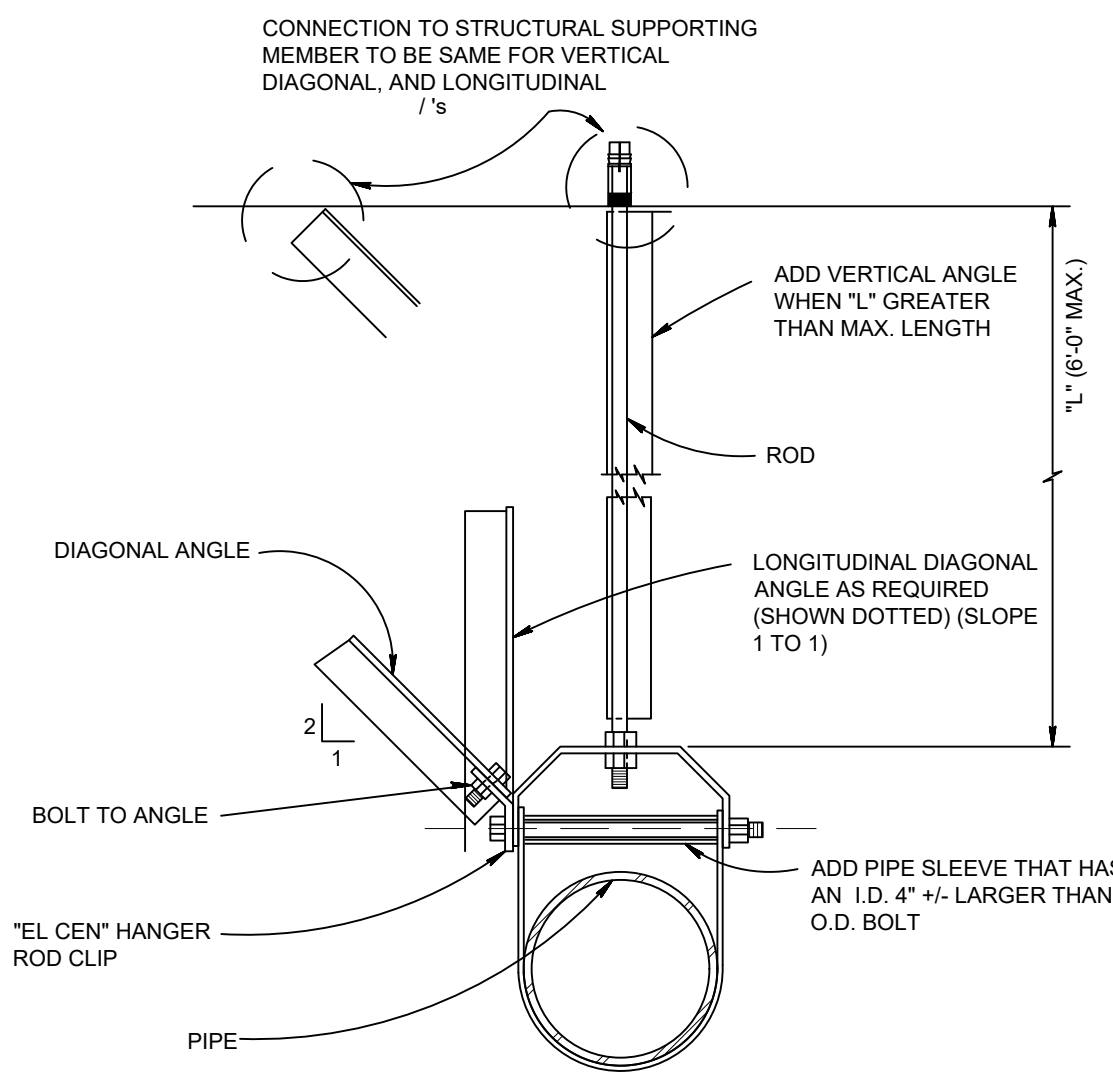
P5.01

SEISMIC PIPE BRACING

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NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY.

8

P5.01



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P5.01

NOT USED

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

12

P5.01

NOT USED

SCALE: 3" = 12" NOTE: SOME ASSEMBLIES EXPLODED FOR CLARITY. DO NOT SCALE DETAILS.

9

P5.01

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6

P5.01

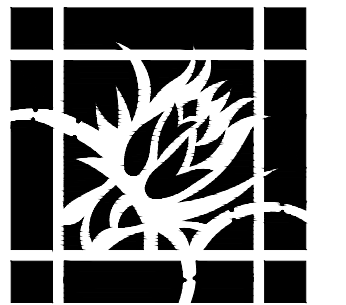
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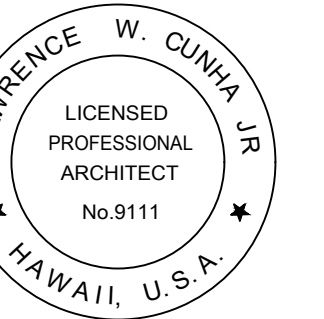
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Architect:



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Consultant:



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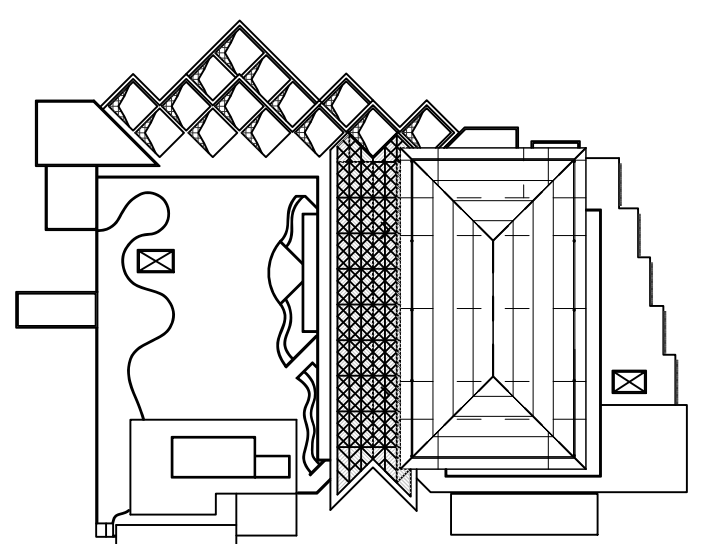
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100% CONSTRUCTION DOCUMENTS

Project:

HAWAII CONVENTION CENTER GUTTER REPAIR AND ROOF SAFETY ANCHOR

1801 Kalakaua Ave Honolulu, Hawaii 96815



Drawing:

BALLROOM GUTTER - DETAILS

Revisions

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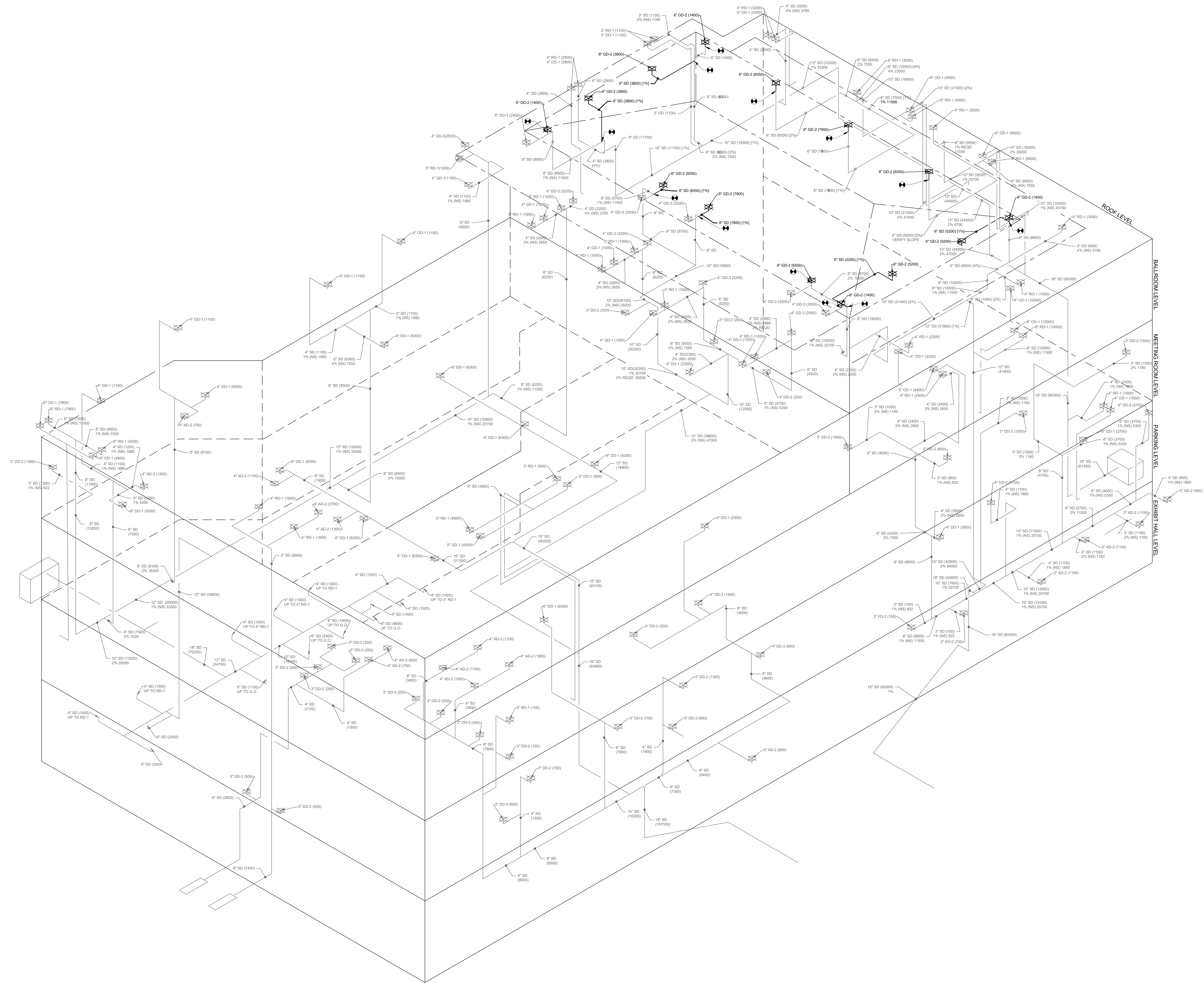
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18 OF 19 SHEETS

FULL SIZE SHEET IS 30" x 42"

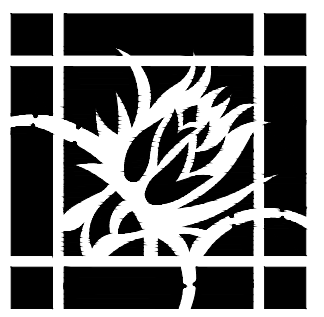
19/04/2024 3:46:36 PM



1 STORM DRAIN ISOMETRIC PLUMBING DIAGRAM  
P7.01

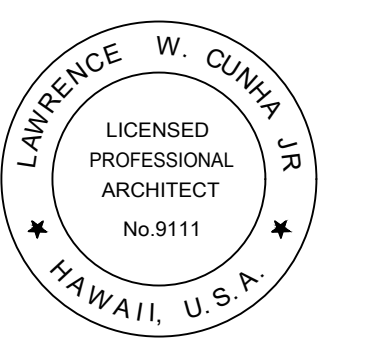
16 12 8 4 0 16 32  
SCALE: 1/16" = 1'-0"

Architect:



WCITARCHITECTURE

735 Kapiolani Boulevard, Suite C400 Honolulu, Hawaii 96813 P: 808.592.2345 Fax: 808.592.2350



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.  
4/30/26  
Lawrence W. Cunha, Jr., AIA  
NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

Consultant:

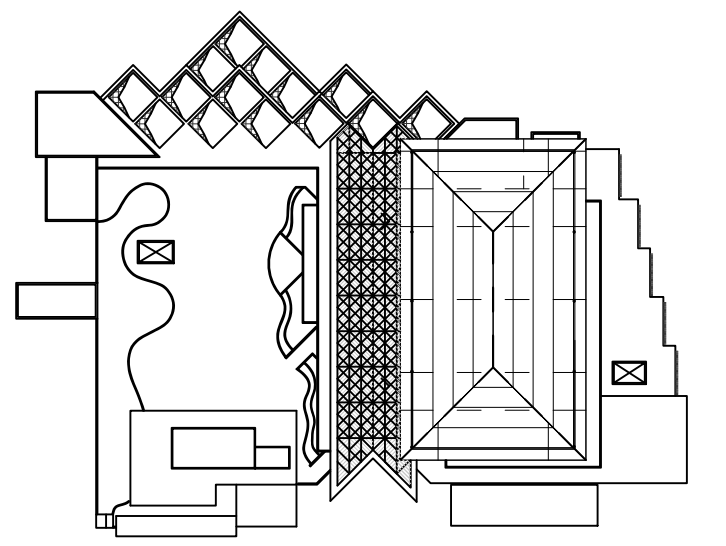


737 Bishop Street, Suite 2900 Honolulu, HI 96813  
p 808.538.0115 f 808.538.0117 abbae.com

100%  
CONSTRUCTION  
DOCUMENTS

Project:  
**HAWAII  
CONVENTION  
CENTER GUTTER  
REPAIR AND ROOF  
SAFETY ANCHOR**

1801 Kalakaua Ave  
Honolulu, Hawaii, 96815



Drawing:  
STORM DRAIN ISOMETRIC  
PLUMBING DIAGRAM

Revisions

△	△
△	△
△	△
△	△

Phase:  
Proj Number: 24110  
Date: JULY 9, 2024  
Sheet:

WP7.01