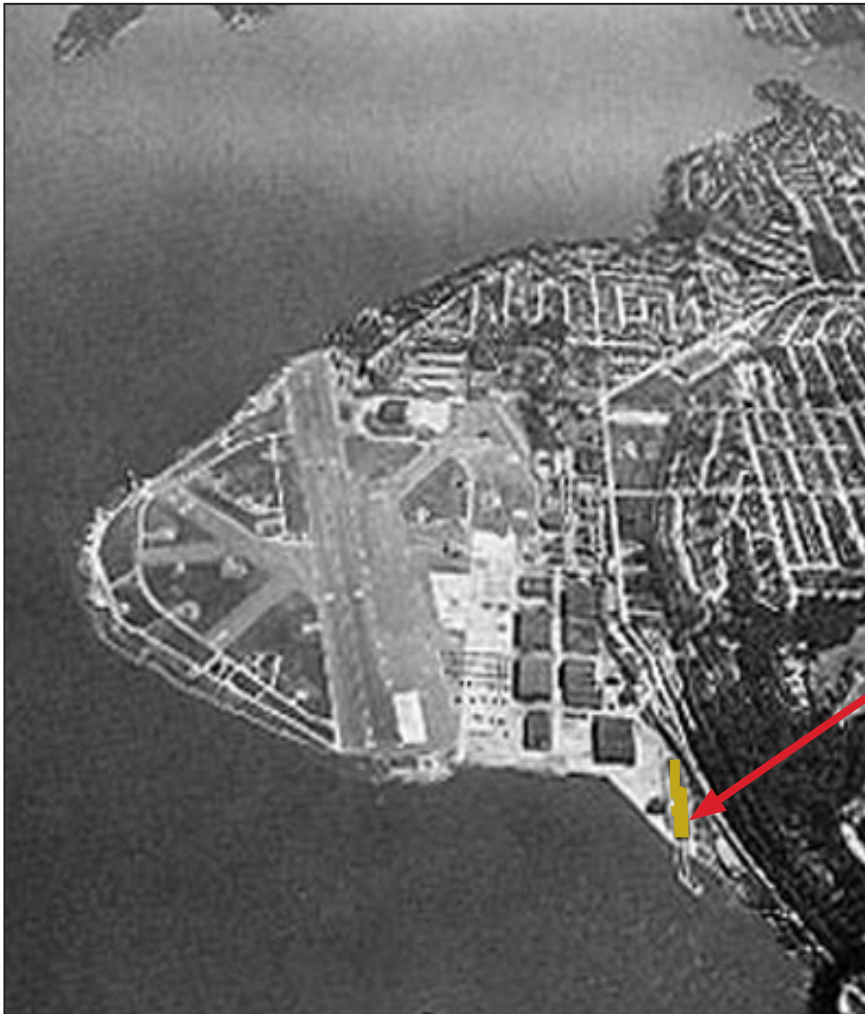


APRIL 2022
CERTIFICATE OF APPROVAL APPLICATION

SAIL SANDPOINT BUILDING 11, SANDPOINT NAVAL AIR STATION



BUILDING 11
1955

PREPARED BY:

JOHNSON OAKLIEF
ARCHITECTURE & PLANNING LLC

STUDIO
TJP

APRIL 2022

CONTENTS

LOCATION & EXISTING CONDITIONS PHOTOGRAPHS	pages 1-12
PLAN SET (BY JOHNSON OAKLIEF)	pages 13-16
SPECIFICATIONS	
PROPOSED DOOR	
framing and pad details	page 17
Overhead door company 521 - Heavy Duty Aluminum	pages 18-19
RSX Motor brochure	pages 20-25
RSX details	page 26
DOOR COLOR OPTIONS	pages 27-29
HVAC UNITS	
Specification	pages 30-31
mounting bracket	pages 32-34

LOCATION & EXISTING CONDITION PHOTOGRAPHS

Municode

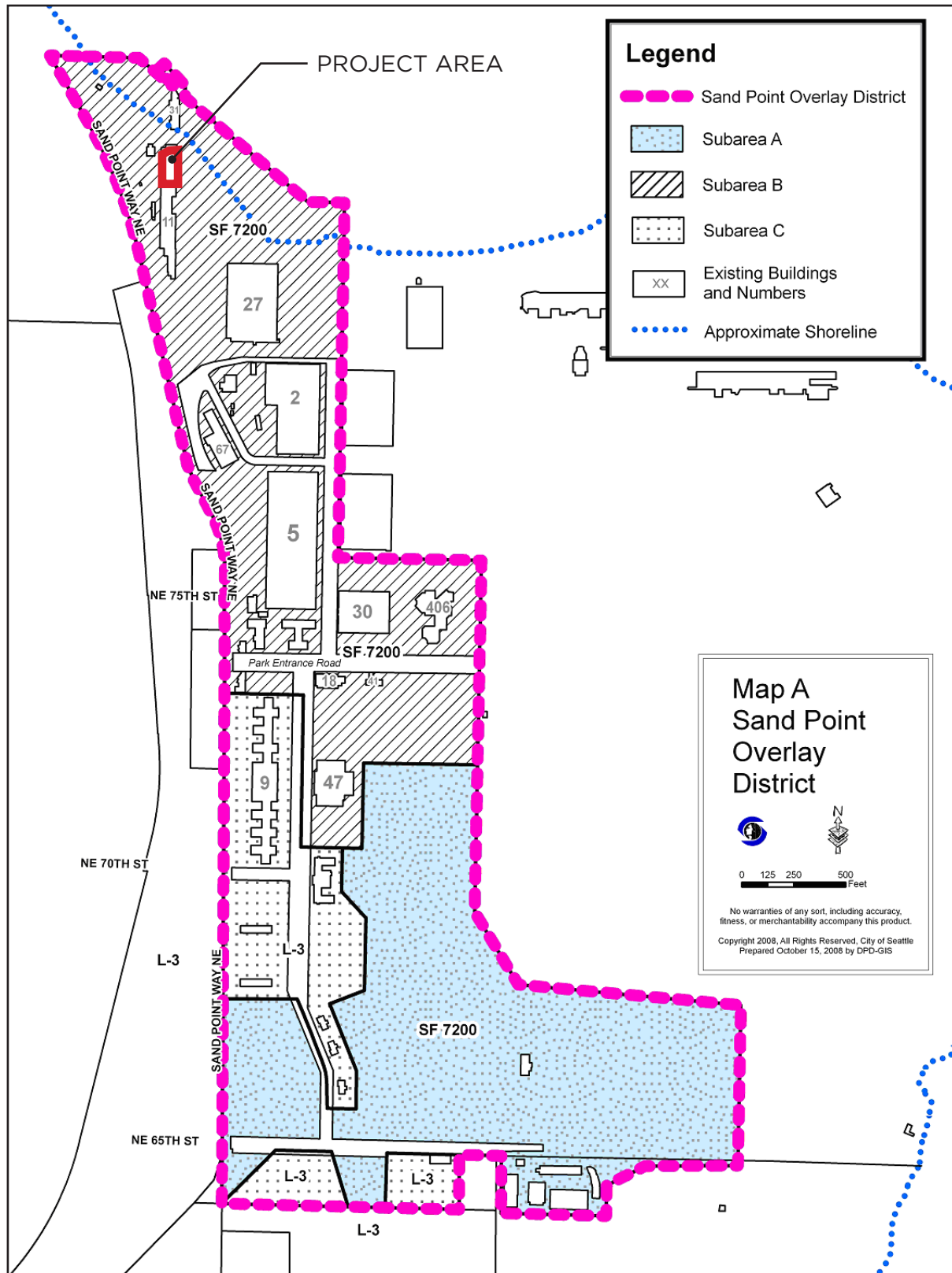


Figure 1 • Site Plan





Figure 2 • Aerial Photo Key

Studio TJP, April 2024



Figure 3 • Eastern facade

Studio TJP, April 2024



Figure 4 • Eastern facade

Studio TJP, April 2024



Figure 5 • Western facade

Studio TJP, April 2024



Figure 6 • Western facade

Studio TJP, March 2024



Figure 7 • Eastern facade

Studio TJP, March 2024



Figure 8 • Eastern facade detail of area for proposed new door



Figure 9 • Eastern facade, northern end



Figure 10 • Eastern facade, detail of Sail Sandpoint doors, southernmost roll-up door and mandoor



Figure 11 • Eastern facade, detail of Sail Sandpoint roll-up doors



Figure 12 • Eastern facade, detail of northern doors at Sail Sandpoint

Studio TJP, March 2024



Figure 13 • Northern end of eastern Facade

Studio TJP, March 2024



Figure 14 • Northern Facade



Figure 15 • Northern facade viewing southeast



Figure 16 • western end of northern facade viewing south down western facade at alley

Studio TJP, March 2024



Figure 17 • Western facade, northern end

Studio TJP, March 2024



Figure 18 • Western facade opposite loading dock, area of proposed new HVAC installation



Figure 19 • Detail of unit to remain



Figure 20 • Detail of screen vent to be re-used

Studio TJP, March 2024



Figure 21 • View of western facade from approach at trail

Studio TJP, March 2024



Figure 22 • View of western facade from upper trail

PROJECT DESCRIPTION:

A TENANT IMPROVEMENT FOR SAIL SANDPOINT, A COMMUNITY SAILING ORGANIZATION. THE PROJECT CONSISTS OF IMPROVEMENTS FOR BOAT AND GEAR STORAGE, ADA ACCESS, TWO NEW OFFICES AND A SMALL ASSEMBLY SPACE. ALL WORK IS INTERIOR WITH THE EXCEPTION OF THE REPLACEMENT OF ONE GARAGE DOOR, PAD MOUNTED HVAC EQUIPMENT AND LIMITED PENETRATIONS OF THE WEST WALL FOR MECHANICAL LOUVERS AND GRILLS. TOTAL PROJECT AREA IS 5,282 SF.

HISTORIC REVIEW ELEMENTS FOR BUILDING # 11:

REVIEW SCOPE INCLUDES EXTERIOR MODIFICATIONS REQUIRED FOR THE REPLACEMENT OF ONE OVERHEAD DOOR ON THE EAST ELEVATION, ADDITIONS OF TWO NEW MECHANICAL LOUVERS ON EXISTING ROOF MECHANICAL DOG HOUSE AND INSTALLATION ON WEST ELEVATION OF TWO WALL MOUNTED HVAC UNITS & ASSOCIATED INTAKE AND EXHAUST LOUVERS (ONE EACH)

PROJECT NAME: SAIL SAND POINT TENANT IMPROVEMENT

PROJECT ADDRESS: 7861 62ND AVE NE BUILDING 11 SEATTLE, WA 98115

LEGAL DESCRIPTION:

POR STR 02-25-04 DAF: COMMENCING AT QTR COR COMMON TO SECS 2 & 11-25-04 TH N15-58-06 W 2978.33 FT TO CONCRETE MOUNMENT STAMPED 10 AS SET BY NOAA; TH N 89-57-50 E 690.52 FT TO CONCRETE MOUNMENT STAMPED 9; TH S 00-01-58 E 546.89 FT TO TPOB TH CONT S 00-01-58 E 276.81 FT TO CONCRETE MOUNMENT STAMPED 10-6 TH 89-57-50 E 447.35 FT TO CONCRETE MOUNMENT STAMPED 10-5 TH N 20-12-50 E 298.36 FT TH S 89-38-18 W 5550.63 FT TO TPOB TGW PORTIONS STR 02-25-04 AS DESCRIBED IN DEED TO CITY OF SEATTLE UNDER REC NO 9905041194 AS PARCEL 1-LOT A, PARCEL 1-LOT B PARCEL 1-LOT C, PARCEL 1-LOT D, PARCEL 1-LOT E, PARCEL 3-LOT E, PARCEL 6-LOT A, PARCEL 6-LOT B, PARCEL 6-LOT, PARCEL 6-LOT D, PARCEL 6-LOT E, PARCEL 6-LOT F, PARCEL 6-LOT G, PARCEL 6B WESTERN SEGMENT, TGW PARCELS X & Y, SP #3013614

PARCEL NUMBER: 0225049062

OWNER: CITY OF SEATTLE DEPARTMENT OF PARKS AND RECREATION

STEPHEN LEVENGOD
Stephen.levengood@seattle.gov
(206) 930-2387

ARCHITECT: JOHNSON OAKLIEF ARCHITECTURE PLANNING
2124 THIRD AVE, SUITE 200
SEATTLE, WA 98121

JEFF OAKLIEF
(206) 448-7580
joaklief@j-arch.com

MECHANICAL/ PLUMBING: UMC, INC.

LOUS ZONTA
lzonta@unci.com
(206) 427-8389

ELECTERICAL: PRECISION ELECTRIC

JEREMY TIDBALL
jeremyt@precisionelectricgroup.com
(206) 518 2502

FIRE SPRINKLER: MCKINSTRY

COREY ROBINSON
coreyr@mckinstry.com
(206) 519-8640

CONTRACTOR: SELLEN CONSTRUCTION

DAVID DENHAM
david@sellen.com
(206) 316-6131

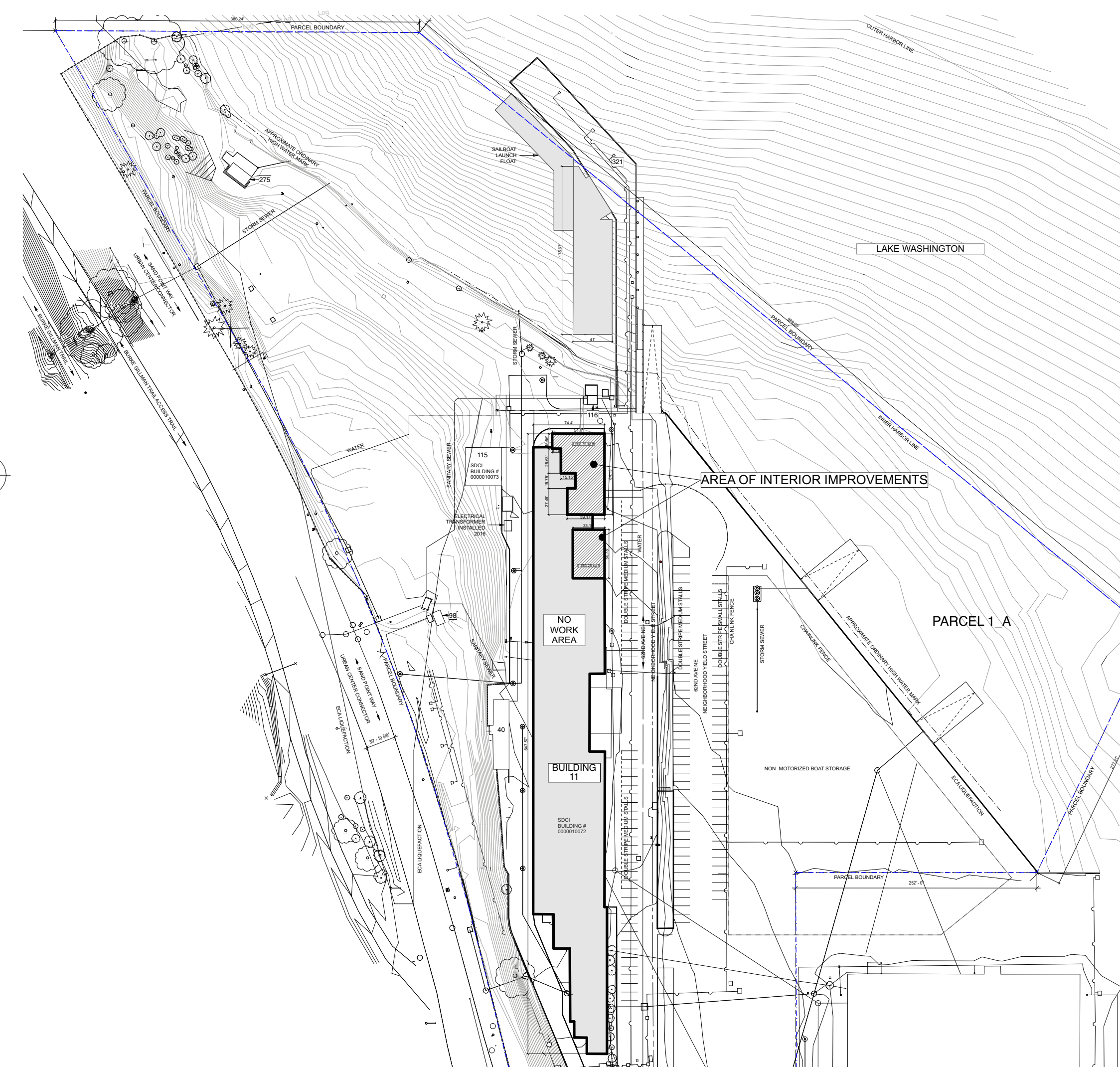
BUILDING CODE: IBC 2018
SBC 2018
SEBC 2018
SFC 2018

CONSTRUCTION TYPE: VB

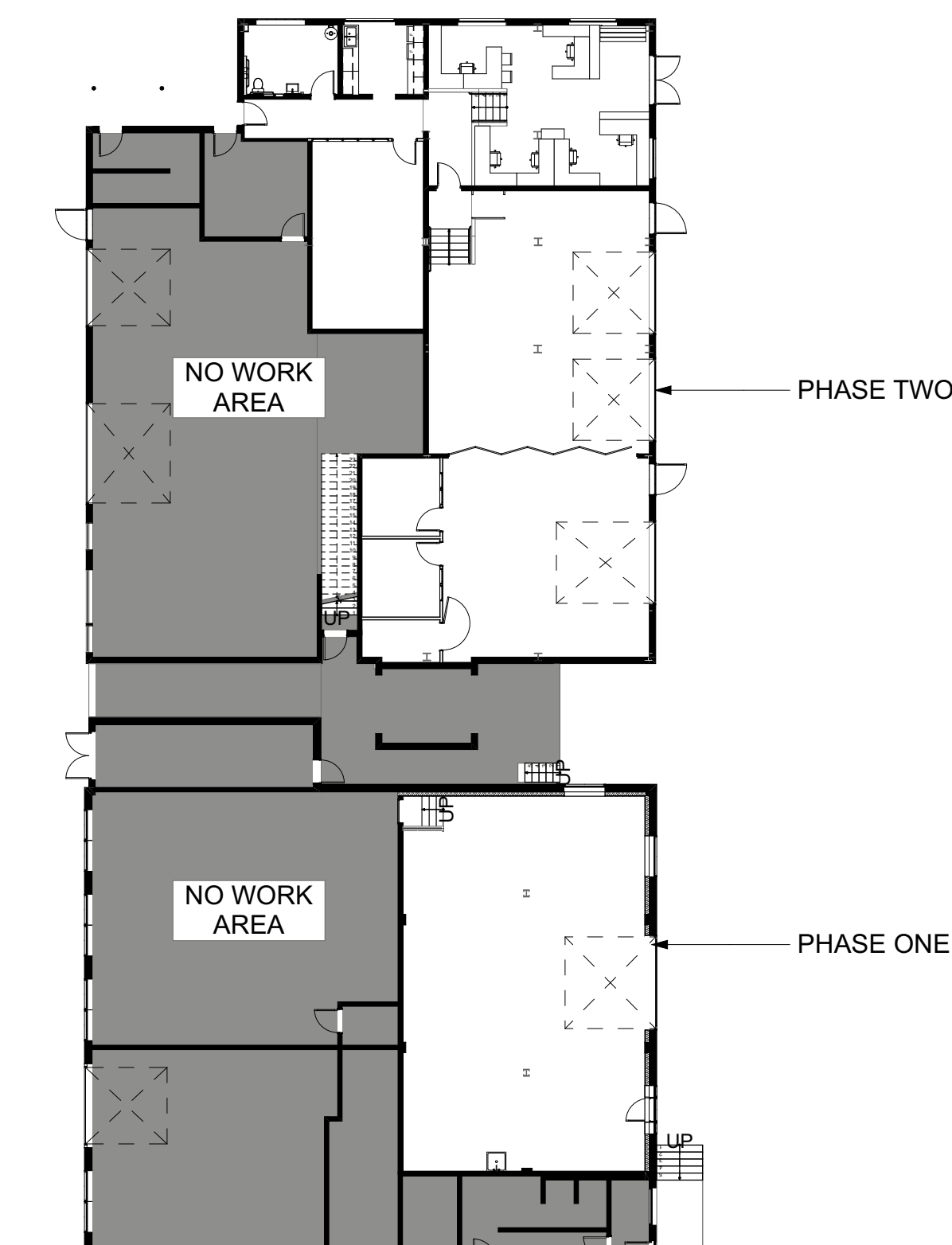
BUILDING AREA: EXISTING STRUCTURE: 41,606.5 SF (NO CHANGE)
TENANT IMPROVEMENT AREA: 5,282 SF



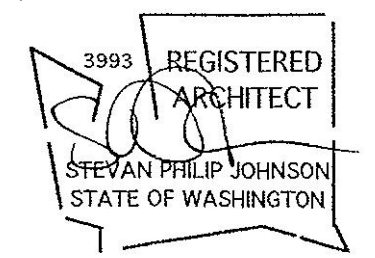
1 VICINITY MAP
NOT TO SCALE



2 SITE PLAN
SCALE: 1" = 100'



3 OVERALL FLOOR PLAN-PHASES
SCALE: 1" = 20'



1 PERMIT REVISION 04/29/2024

PROJECT NO: 2024_04

DATE: 5/6/24

DRAWN BY: JH

APPROVAL: JO

**SAIL SAND POINT
TENANT
IMPROVEMENT**

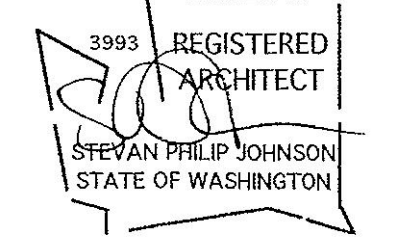
ADDRESS:
7861 62ND AVE NE BLDNG 11
SEATTLE WA 98115

**GENERAL
INFORMATION**

LANDMARK REVIEW

SHEET NO:

A0.0



1 PERMIT REVISION 04/29/2024

PROJECT NO: 2024_04
DATE: 5/6/24
DRAWN BY: JH
APPROVAL: JO

**SAIL SAND POINT
TENANT
IMPROVEMENT**
ADDRESS:
7861 62ND AVE NE BLDNG 11
SEATTLE WA 98115

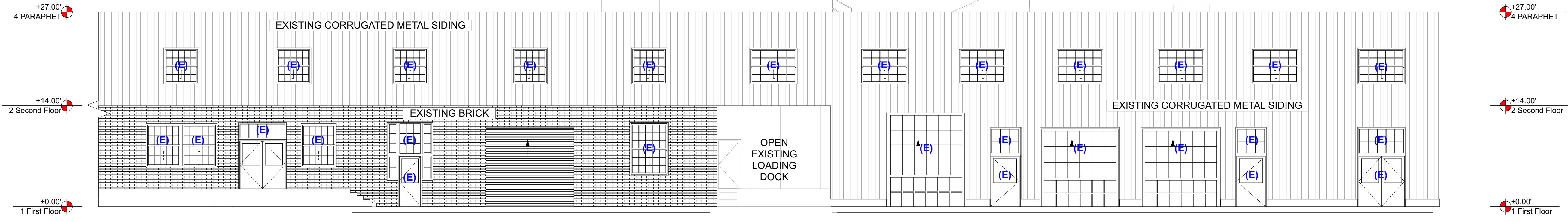
**EXISTING
ELEVATIONS**

LANDMARK REVIEW

SHEET NO:

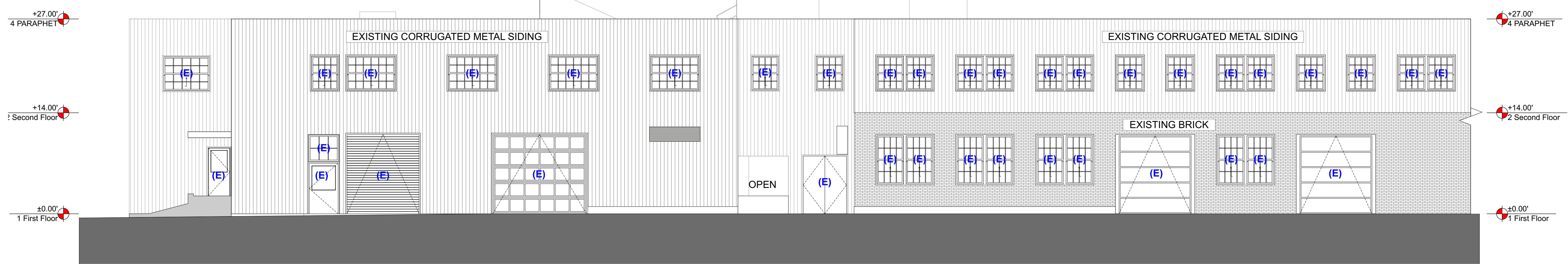
A1.1

01



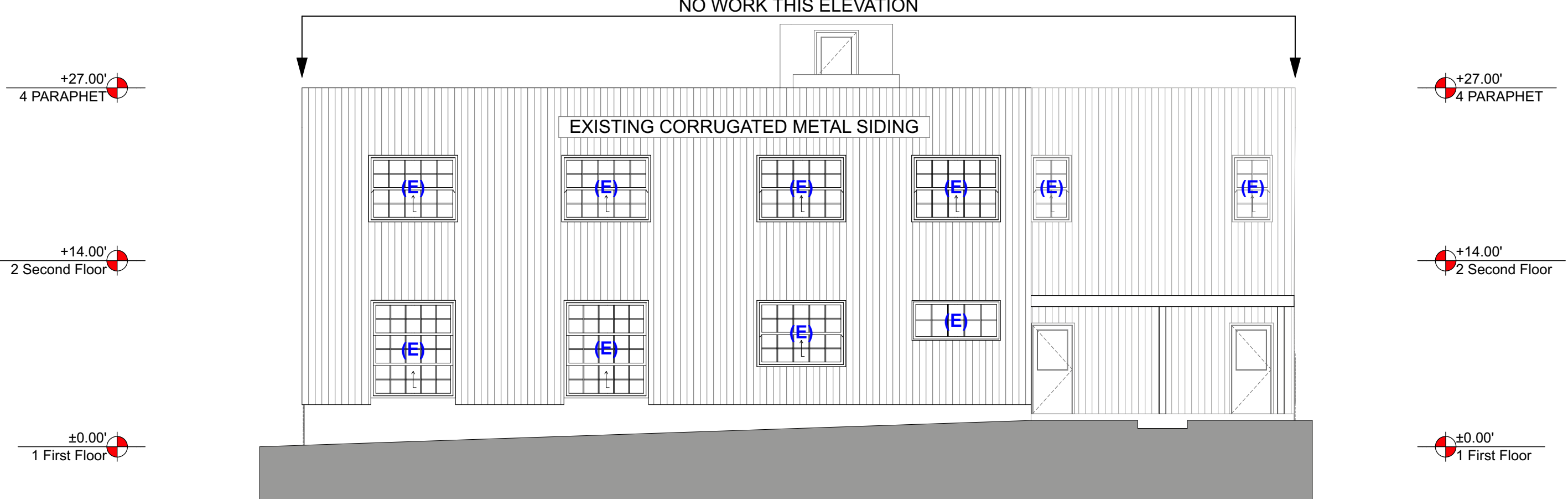
1 EXISTING EAST ELEVATION
SCALE: 1/8" = 1'-0"

01



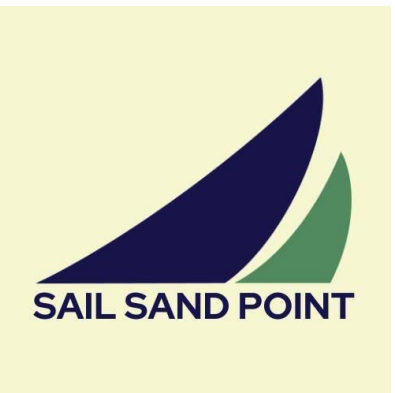
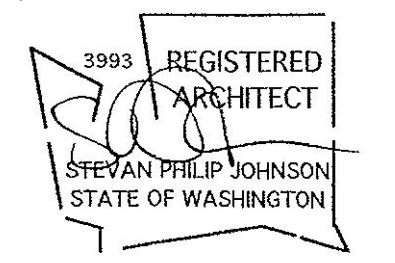
2 EXISTING WEST ELEVATION
SCALE: 1/8" = 1'-0"

01



3 EXISTING NORTH ELEVATION
SCALE: 1/8" = 1'-0"

BIMcloud: Bach-2021 - BIMcloud Basic for Archicad 25/2024_04 SAIL SAND POINT



1 PERMIT REVISION 04/29/2024

PROJECT NO: 2024_04
DATE: 5/6/24
DRAWN BY: JH
APPROVAL: JO

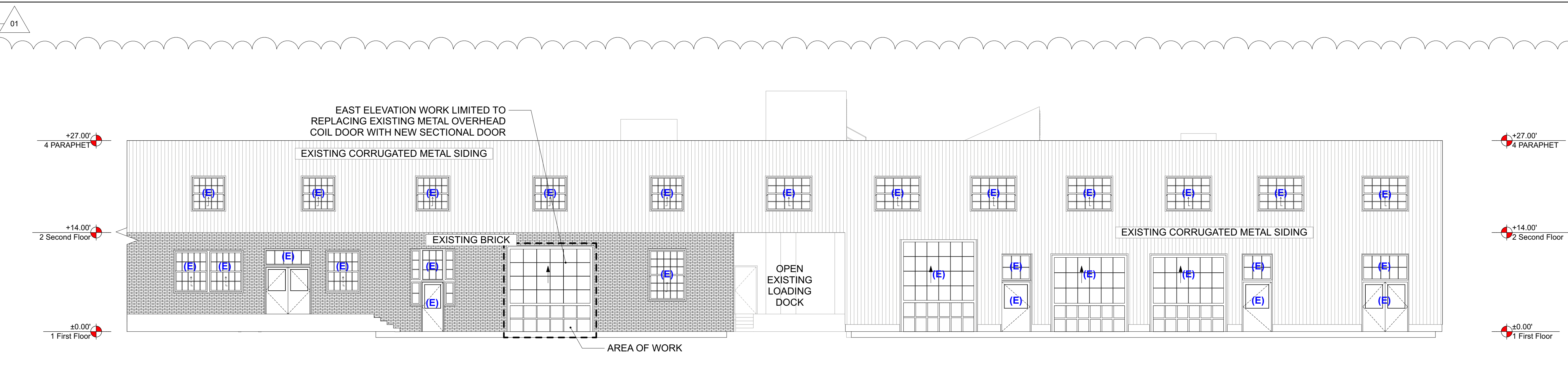
**SAIL SAND POINT
TENANT
IMPROVEMENT**
ADDRESS:
7861 62ND AVE NE BLDNG 11
SEATTLE WA 98115

**PROPOSED
ELEVATIONS &
DETAILS**

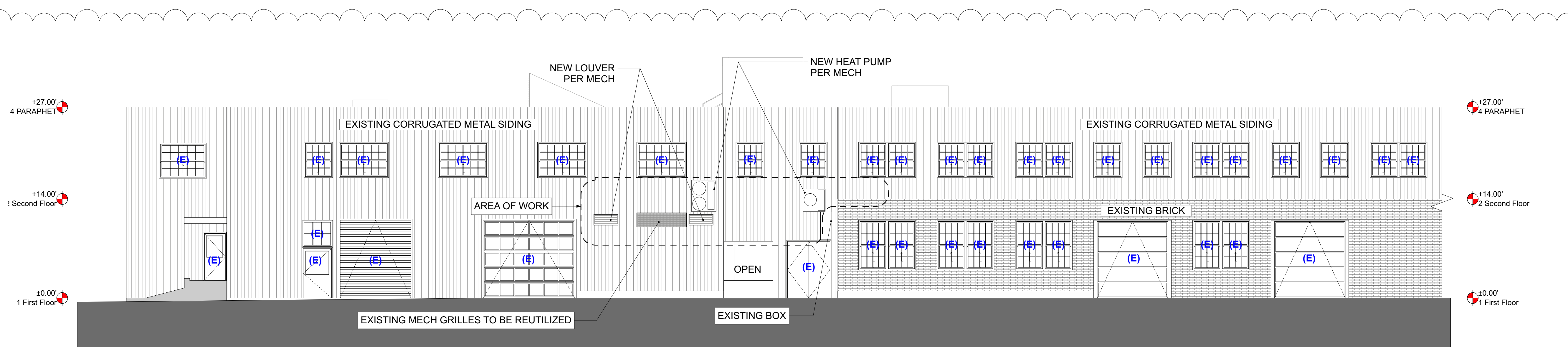
LANDMARK REVIEW

SHEET NO:

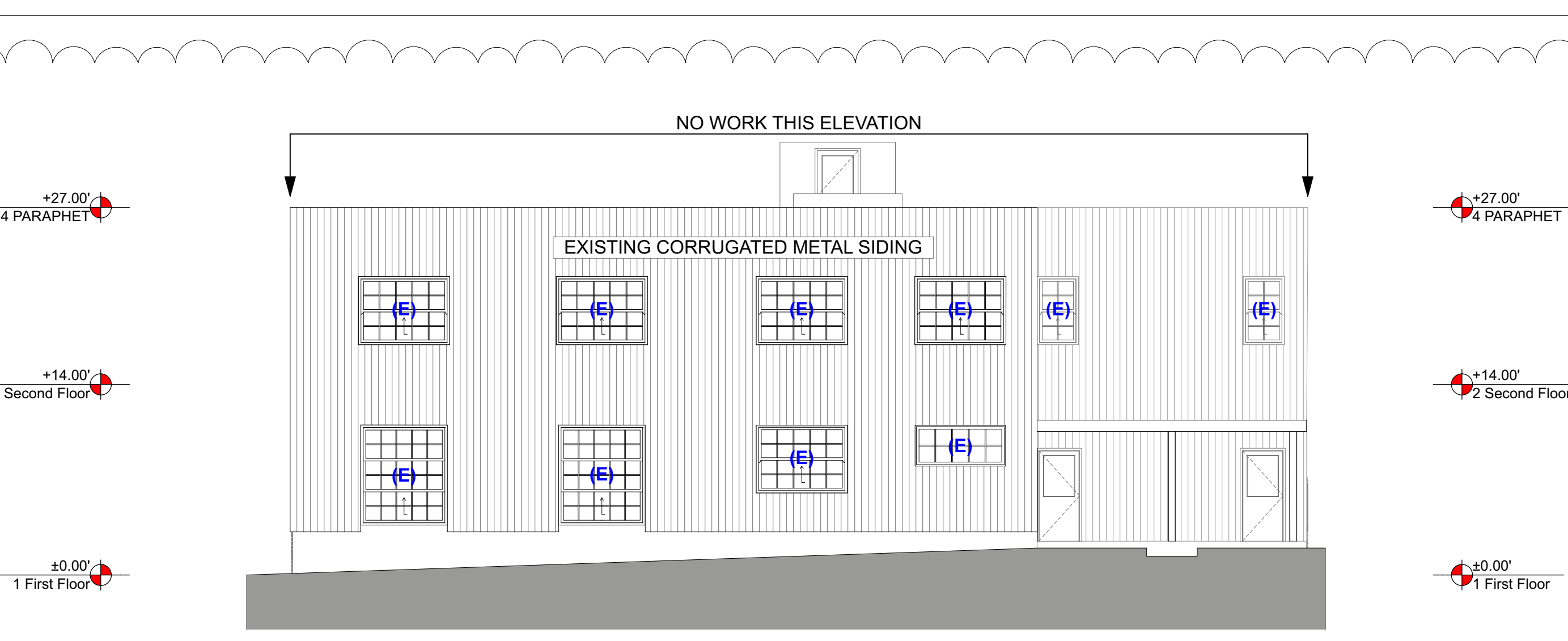
A1.2



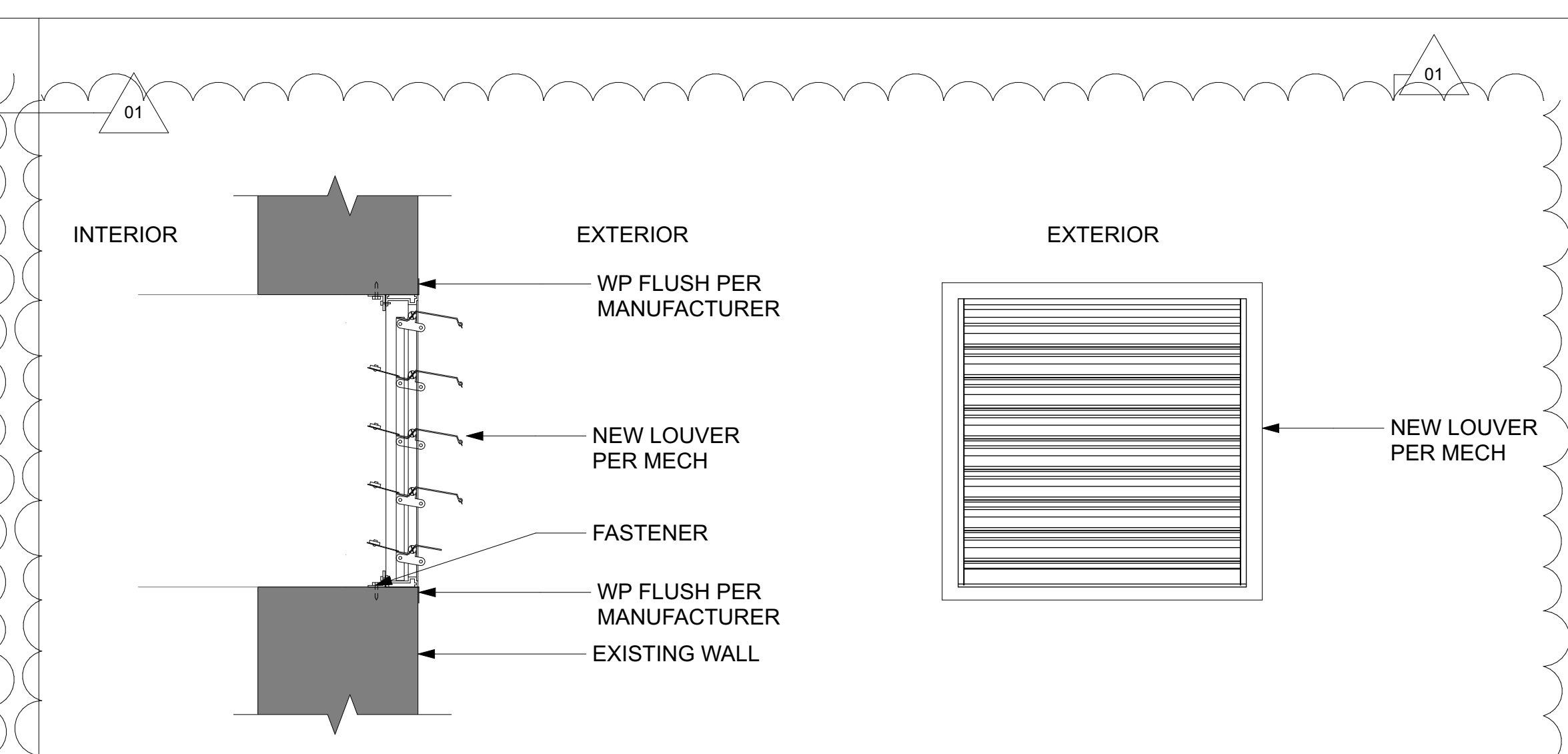
1 PROPOSED EAST ELEVATION
SCALE: 1/8" = 1'-0"



2 PROPOSED WEST ELEVATION
SCALE: 1/8" = 1'-0"



3 EXISTING NORTH ELEVATION (NO CHANGES PROPOSED)
SCALE: 1/8" = 1'-0"



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

BIMcloud: Bach-2021 - BIMcloud Basic for Archicad 25/2024_04 SAIL SAND POINT

GRILLE, REGISTER AND DIFFUSER SCHEDULE															
EQUIP. ID NO.	SERVICE	MANUFACTURER	MODEL	STYLE	MATERIAL	FRAME	FRAME MODEL	DESCRIPTION	FACE SIZE	NECK SIZE	MAX CFM	BRANCH DUCT	INC	COLOR	NOTES
A1	CEILING DIFFUSER	PRICE INDUSTRIES	SMCD	MODULAR	STEEL	LAY-IN	BORDER TYPE 3	24x24	8x8	100	6	<15	WHITE		
G5	SUPPLY GRILLE	PRICE INDUSTRIES	520	DOUBLE DEF	STEEL	SURFACE	BORDER TYPE 1	14x12	12x10	360	PER PLAN	16	WHITE		
G6	SUPPLY GRILLE	PRICE INDUSTRIES	520	DOUBLE DEF	STEEL	SURFACE	BORDER TYPE 1	16x12	14x10	440	PER PLAN	16	WHITE		

NOTES:

REFRIGERANT LIQUID, REFRIGERANT SUCTION, REFRIGERANT VENT	
ITEMS	6" And Smaller
PIPE MATERIALS	Pipe, Copper Type ACR B280
JOINT TYPE	Brz - AWS A5.8, BA9-1 or BA9-2 Silver Solder
FITTING MATERIAL	Wrot Copper B16.22 (Long Radius)
FLANGES	150# Swt Companion Flange, Cast Bronze B16.24
GASKETS	Gasket, 1/8" Non-Asbestos Ring, B16.21
BOLT TYPE	Bolts, A307 Grade B Plated
VALVES	
GLOBE VALVE: SWT	500# Globe Valve, Packless Brass Swt - Henry Type 626
ANGLE VALVE: SWT	500# Angle Valve, Packless Brass Swt - Henry Type 647
HAND EXPANSION VALVE: SWT	500# Hand Expansion Valve, Packless Brass Swt - Henry Type 629
CHARGING / PURGING: SWT	500# Globe Valve, Packless Brass Swt - Henry Type 623
GLOBE: SWT	450# Globe Valve, Brnz Swt - Henry Type 203
CHECK : STRAIGHT, SWT	500# Check Valve, Straight Through Brass Swt - Henry 120
SPECIALTIES	
SOLENOID VALVES	Sporlan E3 or E5 Series
FILTER / DRYER: R-22, LIQUID LINE	Sporlan Catch-All CW-Series
STRAINER, Y-PATTERN	Sporlan Type 6000
PRESSURE GAUGE	N/A
MOISTURE-INDICATING SIGHT GLASS	Sporlan "See All" SA Series
NOTES:	

LOUVER SCHEDULE		
TAG	L-01-01	L-01-02
SERVICE	EXHAUST	OUTSIDE AIR
LOCATION	PER PLAN	PER PLAN
EQUIPMENT		
MANUFACTURER	RUSKIN	RUSKIN
MODEL	ELF375D0H	ELF375D0H
PHYSICAL		
DIMENSIONS (IN)	42"W x 18"H	42"W x 18"H
FREE AREA (SQ. FT)	2.44	
FINISH [1]	BONE WHITE	BONE WHITE
NOTES:		

- COORDINATE WITH BUILDING OWNER
- FIELD TO VERIFY FINAL LOUVER SIZE BEFORE ORDERING
- GC TO INSTALL LOUVER AND WEATHERPROOF

EQUIPMENT AND LIGHTS WATTAGE CALCULATION							
ROOM NAME	OCCUPANCY TYPE	ROOM (SQFT)	EQUIPMENT (WATTS)	LIGHT (W/SF)	EQUIPMENT (W/SF)	TOTAL	MEETS C403.5 EXCEPTION 1
100 BOAT MAINTENANCE	STORAGE	1570	1500	1	1.0	2.0	YES
105 ASSEMBLY	BUSINESS	1720	1500	1	0.9	1.9	YES
107 OFFICE	BUSINESS	104	150	1	1.4	2.4	YES
108 OFFICE	BUSINESS	104	150	1	1.4	2.4	YES
109 STORAGE	BUSINESS	55	0	1	0.0	1.0	YES
NOTES:							

- 2018 SEC C403.5 EXCEPTION 1.

PLUMBING AND PIPE INSULATION SCHEDULE [4]												
INSULATION SERVICE	PIPING SYSTEM	TEMP RANGE (DEGREES F)	CONDUCTIVITY BTU*IN/(HR*FT^2*F)	MEAN RATING TEMP (DEGREES F)	INSULATION TYPE	VAPOR BARRIER REQUIRED?	PIPE INSERT NOTE	PIPE SIZE				
								<1"	1" TO <1 1/2"	1 1/2" TO <4"	4" TO <8"	8" & OVER
REFRIGERATION [2]	REFRIGERATION SUCTION	<40	0.20 - 0.26	75	ELASTOMERIC	YES	H	1/2" [1, 5]	1"	1"	1"	1-1/2"
CONDENSATE DRAIN [3]	COIL CONDENSATE DRAIN	ALL	0.20 - 0.26	75	ELASTOMERIC	YES	H	1/2" [1]	1/2" [6]	1"	1"	1"
COMPLIANT WITH 2018 SEATTLE COMMERCIAL ENERGY CODE (SCEC).												

NOTES:

- MINIMUM THICKNESS OF 1/2" IS REQUIRED BY TABLE C403.10.3 OF THE ENERGY CODE FOR THIS PIPE SIZE. 1" THICK INSULATION IS ALSO ACCEPTABLE AT NO ADDED COST IF PREFERRED BY SUBCONTRACTOR.
- VERIFY REQUIREMENTS FOR REFRIGERANT SUCTION LINES FOR EACH APPLICATION.
- INSULATE COIL CONDENSATE PIPING WHERE LOCATED IN CONDITIONED SPACE OR ABOVE CEILING OF CONDITIONED SPACE.
- CODE REFERENCE SECTION FOR PLUMBING INSULATION IS SECTION 609.11 WA STATE AMENDMENT TO THE UPC AND FOR PIPING INSULATION IS SECTION C403.10.3 WA STATE ENERGY CODE.
- PER SEC C403.10.4, MINIMUM INSULATION THICKNESS SHALL BE 1" FOR PIPING OUTDOORS.

THERMAL BARRIER SHIELD INSERT NOTES:

- PROVIDE THERMAL SHIELD INSERTS FOR ELASTOMERIC INSULATION OR USE WOOD DOWEL INSERTS WHERE REQUIRED PER MANUFACTURER'S INSTRUCTIONS.
- FOR SMALL PIPING (<1-1/4") WITH ELASTOMERIC INSULATION, INSERTS AND DOWELS MAY NOT BE REQUIRED, BUT DO NOT CRUSH INSULATION OR COMPROMISE THE VAPOR BARRIER.

SPLIT-SYSTEM AIR-COOLED HEAT PUMP SCHEDULE		
TAG	CU-01-01 / FCU-01-01	CU-01-02 / FCU-01-02
SERVICE	BOAT MAINTENANCE	ASSEMBLY
LOCATION	1ST FLOOR	1ST FLOOR
EQUIPMENT		
MANUFACTURER	MITSUBISHI	MITSUBISHI
FAN COIL INDOOR MODEL	PLA-A30EA8	PEAD-A42A7
CONDENSING UNIT OUTDOOR MODEL	PLU-A30NH47	PLU2-A42KA7
EFFICIENCY SEER (1)(3)	19.4	18.4
MIN SEC SEER	14	14
NOMINAL TONS COOLING	2.5	3.5
REFRIGERANT	R410a	R410a
SUPPLY FAN		
CFM	780	1,400
OUTSIDE AIR (6)(7)	110	1,210
COOLING PERFORMANCE		
TOTAL MGH (1)	30	42
CONDENSING UNIT		
COMPRESSOR TYPE	INVERTER-DRIVEN	INVERTER-DRIVEN
STAGES	VARIABLE SPEED	VARIABLE SPEED
OUTDOOR UNIT MOP (AMPS)	26	31
OUTDOOR UNIT MCA (AMPS)	19	25
RLA (AMPS)	---	---
VOLT/PHASE	208 / 1	208 / 1
MOUNTING	WALL MOUNTED	WALL MOUNTED
SOUND PRESSURE (dBA)	55	55
FAN COIL		
FAN POWER (AMPS)	0.56	3.5
VOLT/PHASE	208/1	208/1
MOUNTING (4)	WALL	WALL
SOUND PRESSURE (dBA)	46	44
PHYSICAL		
FAN COIL WEIGHT (LBS)	57	91
FAN COIL DIMENSIONS W X D X H (IN X IN X IN)	38 X 38 X 12	56 X 29 X 10
CONDENSER WEIGHT (LBS) (5)	151	214
CONDENSER DIMENSIONS W X D X H (IN X IN X IN)	38 X 15 X 38	42 X 13 X 53
LIQUID LINE PIPING SIZE (IN)	3/8	3/8
VAPOR LINE PIPING SIZE (IN)	3/8	3/8
MAX PIPE LENGTH (FT)	225	225
MAX PIPE ELEVATION CHANGE (FT)	100	100
ACCESSORIES		
1" THERMINARY FILTERS	NO	NO
PROGRAMMABLE THERMOSTAT: TAR-40MAU	YES	YES
LOW AMBIENT KIT TO -40 F	YES	YES
WIND BAFFLE: WB-PA, WB-S04, WB-RE4	YES	YES
NOTES:		

NOTES:

- FOR COOLING, RATINGS AT INDOOR CONDITIONS OF 80/67 F DB/WB, OUTDOOR CONDITIONS OF 95/75 F DB/WB.
- INDOOR UNIT POWERED VIA OUTDOOR UNIT, FIELD INSTALLED POWER WIRING.
- APSIDE ECONOMIZERS ARE NOT REQUIRED AS THIS EQUIPMENT SHALL COMPLY WITH 2018 SEC C403.5 EXCEPTION 1.
- PROVIDE CONDENSATE SENSOR CONFORMING TO UL 508 THAT SHALL SHUT OFF THE EQUIPMENT IF THE DRAIN IS BLOCKED. THIS SHALL COMPLY WITH WSMC 307.2.3 AUXILIARY PROTECTION METHOD #4.
- UNIT WEIGHT IS LESS THAN 400 POUNDS, STRUCTURAL CALCS ARE NOT REQUIRED FOR THIS PERMIT.
- FCU-01-02 VENTILATION AIR BEING SERVED BY HRV-01-01.
- FCU-01-01 VENTILATION AIR BEING SERVED BY NATURAL VENTILATION SMC PER C402.2. EXISTING ROLL UP DOOR WILL SERVE AS "OPERABLE AREA TO OUTDOORS". ROLL UP DOOR AREA IS 105 SF, BOAT MAINTENANCE AREA IS 1570 SF. PERCENTAGE OF OF OPENABLE AREA TO THE OUTDOORS IS 6.7%, GREATER THAN THE 4% MINIMUM REQUIREMENTS.

HEAT RECOVERY DOAS UNIT SCHEDULE	
TAG	HRV-01-01
LOCATION	CEILING
MANUFACTURER	FANTECH
MODEL NO.	SHR 1400
TYPE	HEAT RECOVERY CORE
AREAS SERVED	ASSEMBLY 105
SUPPLY FAN(S)	
ARFLOW (CFM)	1210
ESP (IN)	0.75
EFFICIENCY SEER (1)(3)	18.4
PERCENT OUTDOOR AIR	100%
FAN RPM	---
DRIVE	DIRECT
NOMINAL HP	0.5
RETURN/ EXHAUST FAN(S)	
ARFLOW (CFM)	1210
ESP (IN)	0.75
FAN RPM	---
DRIVE	DIRECT
TOTAL HP	0.50
HEAT EXCHANGER	
INLET ARFLOW (CFM)	1210
EXHAUST ARFLOW (CFM)	1210
WINTER CONDITIONS:	
UNIT'S ENTHALPYX (1)	55
SUPPLY FINAL FILTERS	
TYPE	PANEL
MERV RATING	6
FILTER THICKNESS (IN)	1
MAX FACE VELOCITY (FPM)	900
EXHAUST FILTERS	
TYPE	PANEL
MERV RATING	6
FILTER THICKNESS (IN)	1
MAX FACE VELOCITY (FPM)	900
ELECTRICAL DATA	
VOLT/PHASE	120/1
AMPS	2.7
PHYSICAL DATA	
LENGTH (IN)	48
WIDTH (IN)	26
HEIGHT (IN)	35
OPERATING WEIGHT (LBS)	236
ACCESSORIES	
FANS - SPRING ISOLATORS	NA
INVERTER DUTY MOTORS	NA
HRV FURNISH/INSTALL/WIRE CONTROLS	MC/MC/EC STANDALONE
NOTES:	

- HRV-01-01 IS UNDER 5,000 CFM. ENERGY RECOVERY VENTILATOR IS NOT REQUIRED PER SECTION C403.7.6 AND TABLE C403.7.3(1)(2)
- OCCUPANCY CLASSIFICATION: BUSINESS (GROUP B).

DUCT INSULATION SCHEDULE [10]					
DUCT TYPE [5]	LOCATION	CLIMATE ZONE	TEMP RANGE (DEGREES F)	INSULATION R-VALUE REQUIREMENT	INSULATION TYPE [6]
OUTSIDE AIR [2,7]	INSIDE CONDITIONED SPACE AND UPSTREAM OF AUTOMATIC SHUTOFF DAMPER[3]	4C	ALL	R-16 [1]	FIBERGLASS
	INSIDE CONDITIONED SPACE AND DOWNSTREAM OF AUTOMATIC SHUTOFF DAMPER	4C	ALL	R-8 [1]	FIBERGLASS
SUPPLY AIR [4,7]	WITHIN CONDITIONED SPACE THAT THE DUCT DIRECTLY SERVES WHERE THE DUCT CONVEYS AIR THAT IS LESS THAN 55 F OR GREATER THAN 105 F	4C	<55 OR >105	NONE	NA
	WITHIN CONDITIONED SPACE WHERE THE DUCT CONVEYS AIR THAT IS 55 F OR GREATER; AND 105 F OR LESS	4C	55-105	NONE	NA
RETURN AIR [4, 8]	WITHIN CONDITIONED SPACE, DOWNSTREAM OF AN ENERGY RECOVERY MEDIA, UPSTREAM OF AN AUTOMATIC SHUTOFF DAMPER	4C	ALL	R-8	FIBERGLASS
EXHAUST AIR	WITHIN CONDITIONED SPACE, DOWNSTREAM OF AN ENERGY RECOVERY MEDIA, UPSTREAM OF AN AUTOMATIC SHUTOFF DAMPER	4C	ALL	R-8	FIBERGLASS
	WITHIN CONDITIONED SPACE AND DOWNSTREAM OF AUTOMATIC SHUTOFF DAMPER [9]	4C	ALL	R-16	FIBERGLASS
COMPLIANT WITH 2018 SEATTLE COMMERCIAL ENERGY CODE (SCEC).					

NOTES:

- OUTSIDE AIR DUCTS SERVING INDIVIDUAL SUPPLY AIR UNITS WITH LESS THAN 2,800 CFM TOTAL SUPPLY AIR CAPACITY ONLY NEED R-7 INSULATION.
- NOT REQUIRED IN UNHEATED EQUIPMENT ROOMS WITH COMBUSTION AIR LOUVERS PROVIDED THE ROOM IS ISOLATED FROM CONDITIONED SPACE WITH MINIMUM R-11 INSULATION.
- INSULATE BETWEEN EXTERIOR ENVELOPE (WALL OR ROOF PENETRATION) AND AUTOMATIC SHUTOFF DAMPER.
- INSULATION NOT REQUIRED FOR DUCTWORK WITHIN EQUIPMENT.
- INSULATION FOR SHEET METAL PLENUMS SHALL BE THE SAME AS INDICATED FOR DUCTS. REFER TO OUTSIDE AIR, SUPPLY, RETURN, OR EXHAUST FOR SERVICE APPLICATION.
- PROVIDE FSK INSULATION FOR DUCTS AND PLENUMS, EXCEPT PROVIDE FSK INSULATION WITH WEATHERPROOF ALUMINUM JACKET FOR DUCTS OUTSIDE THE BUILDING.
- PROVIDE VAPOR-RETARDER MASTIC ON SUPPLY AIR AND OUTSIDE AIR DUCTS AND PLENUMS.
- RETURN AIR PLENUMS WITH PERMANENT OPENINGS TO CONDITIONED SPACE ARE CONSIDERED CONDITIONED SPACE.
- INCLUDES DUCTS AND PLENUMS USED AS RELIEF AIR.
- CODE REFERENCE IS SECTION C403.10.1 WA STATE ENERGY CODE.

Legal:
THIS DRAWING AND THE DESIGN HEREIN ARE THE PROPERTY OF UNIVERSITY MECHANICAL CONTRACTORS, INC. FOR THEIR USE IN CONSTRUCTION OF THIS PROJECT. NO OTHER USE SHALL BE PERMITTED WITHOUT THE WRITTEN CONSENT OF UNIVERSITY MECHANICAL CONTRACTORS, INC.

03/29/2024

Date

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

FOR PERMIT

Issue:

Rev. Desc.

Project/Owner Information
SAIL SAND POINT
Project Address:
7861 62ND AVE NE
SEATTLE WA 98115
Owner:

Project/Owner Information
SAIL SAND POINT
Project Address:
7861 62ND AVE NE
SEATTLE WA 98115
Owner:

Project/Owner Information
SAIL SAND POINT
Project Address:
7861 62ND AVE NE
SEATTLE WA 98115
Owner:

Project/Owner Information
SAIL SAND POINT
Project Address:
7861 62ND AVE NE
SEATTLE WA 98115
Owner:

Drawn By UMC

Checked By RAG

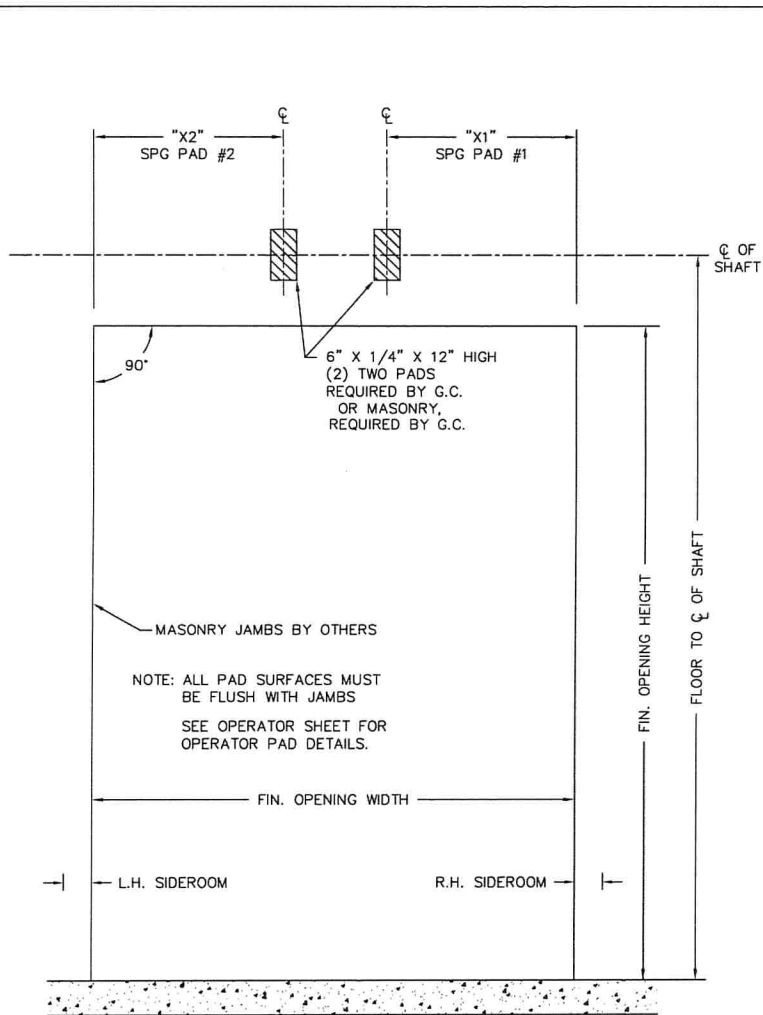
Original Issue Date 03/29/2024

Job No. 9292

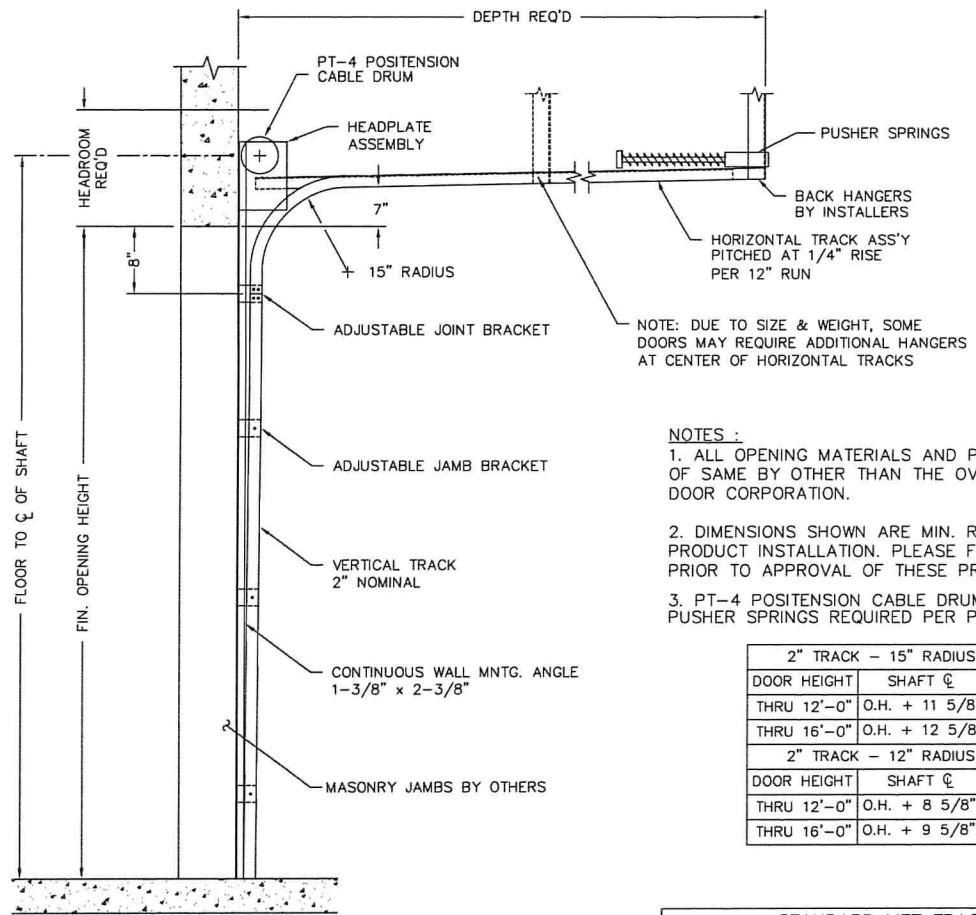
Scale AS SHOWN

Sheet No.

M1.01



INTERIOR ELEVATION



SIDE VIEW OF MOUNTED TRACK

NOTE: DUE TO SIZE & WEIGHT, SOME DOORS MAY REQUIRE ADDITIONAL HANGERS AT CENTER OF HORIZONTAL TRACKS

- NOTES :
1. ALL OPENING MATERIALS AND PREPARATION OF SAME BY OTHER THAN THE OVERHEAD DOOR CORPORATION.
 2. DIMENSIONS SHOWN ARE MIN. REQUIRED FOR PRODUCT INSTALLATION. PLEASE FIELD VERIFY PRIOR TO APPROVAL OF THESE PRINTS.
 3. PT-4 POSITENSION CABLE DRUMS AND PUSHER SPRINGS REQUIRED PER PIB-572

2" TRACK - 15" RADIUS - SHAFT CL		
DOOR HEIGHT	SHAFT CL	MIN HEADROOM
THRU 12'-0"	O.H. + 11 5/8"	14 1/4"
THRU 16'-0"	O.H. + 12 5/8"	20 1/2"
2" TRACK - 12" RADIUS - SHAFT CL		
DOOR HEIGHT	SHAFT CL	MIN HEADROOM
THRU 12'-0"	O.H. + 8 5/8"	11 1/4"
THRU 16'-0"	O.H. + 9 5/8"	17 1/2"

STANDARD LIFT TRACK	
PROJECT	Sail Sand Point
ARCHITECT	Johnson Oak Life
CONTRACTOR	
DISTRIBUTOR Overhead door Company of Seattle	
PLANT Nebraska	
DISTRIBUTOR DWG. NO.	DATE:
The Genuine. The Original.	
SHEET	BY: Anthony Holcombe
1-1	

ARCHITECT DOOR NUMBER	OVERHEAD DOOR MARK	QTY	OPENING SIZE		TRACK TYPE	TRACK PITCH	LIFT CLEARANCE	SHAFT CENTERLINE	"X1" SPRING PAD #1	"X2" SPRING PAD #2	HEADROOM REQUIRED	DEPTH REQUIRED (OPEN HT+1'-6")	LEFT HAND SIDEROOM	RIGHT HAND SIDEROOM
			WIDTH	HEIGHT										
	521	1	12'0"	12'0"	2"	(STD) 1/4:12	7"	13'-5/8"	concrete	concrete	14'2"	15'-6 1/2"	5"	5"
					2"	(STD) 1/4:12	7"						5"	5"
					2"	(STD) 1/4:12	7"						5"	5"
					2"	(STD) 1/4:12	7"						5"	5"



Overhead Door Company of Seattle

9800 40th Ave S
Seattle, WA 98118-5603

Contact: Anthony Holcombe
Phone: +1206-394-3323
Email: aholcombe@odcseattle.com

This proposal is valid till Thursday, May 2, 2024

Quote: SQHN001337-1 | Created: 4/2/2024 6:55 AM

Job:

Johnson Oak life(Sail Sand Point)
Architect: Jennifer Harris
Contractor: Oak Life Architecture & Planning

Prepared For:

Jennifer Harris (jharris@j-arch.com)
7861 62nd Ave NE Building 11
Seattle WA 98115

Item	Qty
1 521.CS 521, 12' 2" x 12' 1", 9010 Pure White	1
DOOR: 521, 12' 2" x 12' 1", Standard Panel, 9010 Pure White, 6 Sect, 6 Pnl, Extra Center Stiles: 3, SES, Pneumatic Sensing Edge Bottom Seal, Dual Flap	
OPERATOR: RSX - Standard Duty, Posi-Tension (PT-4), 1/2 HP, 115/208/230V 1Phase 60Hz, Hoist, Left, PhotoEyes-Standard (Monitored), Chain Couple, 24.7 RPM, #41 1:1 Chain Couple Kit, Brake, Receiver,Built-In,Std, Hand Chain,18', Non-Monitored Pneumatic Edge, Include Take-up Reel, 1" Tension Plate Kit	
WEATHERSTRIP: Sides Only, Side: Saverstrip, Black, Black	
SENSING EDGE: Include Take-up Reel	
LITES: Custom, AFV, 1/8",Tempered,Clear, S3: AFV, S4: AFV, S5: AFV, Top: AFV	
RAILS: Top: 2.375", Bottom: 3.750", Finned	
STRUTS: Standard, S1: NONE, S2: NONE, S3: NONE, S4: NONE, S5: NONE, S6: NONE	
LOCK: ISL, 1	
TRK/HDW: 2", 15"R, Angle In, Masonry, Pusher Springs Bumper, 0.055 V.Trk, 0.067 H.Trk, 1.375" x 2.375" x .099" H.Ang, 156.625 FTSC	
SPRING: Torsion, Qty: 2, Front, 10K, 1" Solid, Two-Piece Split Solid Shaft w/Coupler, 2" x 0.273 x 56.75, 12.52 Turns, PT-4, 1/8" x 164", Bal Wt: 398.68	
OPERATION: JackShaft, Side Mount	
Last Changed: 4/29/2024 11:09 AM PST	

Total (USD): \$17,094.45

Terms and Conditions

- Due to the volatility of steel, if we have an increase in material costs between quoting and procurement of materials, that cost will be passed on.
- All Electrical interconnection, if necessary, including primary and low voltage wiring of controls, push buttons, disconnects, motors, photo eyes and limit switches, excluded. All installation, supply of wiring and conduit, including core drilling of walls and floors, excluded.
- All Permits and Bonds, if necessary, done by others.
- All liquidated and consequential damages are excluded.
- All Assessments and Inspections, if necessary, done by others.
- Necessary steel to mount door by others.
- Structural requirements for jamb and header construction (Load Data Sheets) will be provided following award.

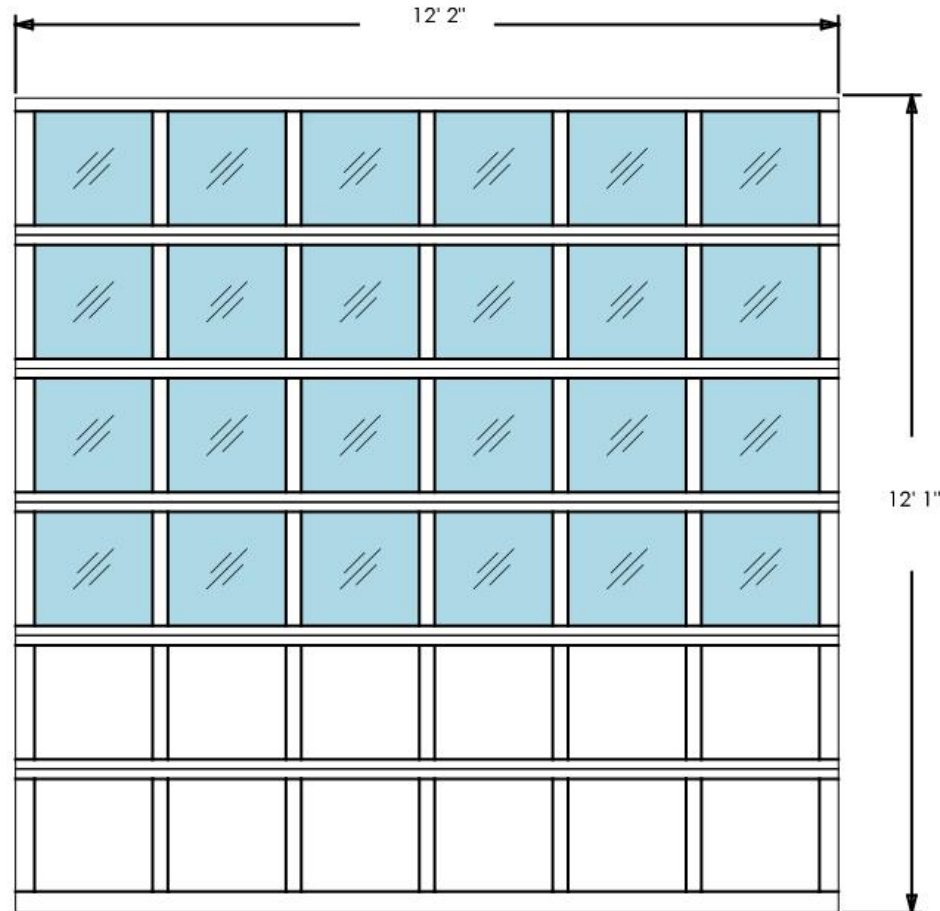
GENERAL TERMS AND CONDITIONS:

The Genuine. The Original.



Last Change: 4/29/2024 11:09 AM
PST

Exterior View



Model: 521 - Heavy Duty Aluminum

Design: Standard Panel

Door Width & Height (Ft): 12'2" x 12'1"

Window Style: Aluminum Full View

Options: ,Solid Panel Shown

RSX[®]

STANDARD DUTY COMMERCIAL OPERATOR



ADVANCED INNOVATION.
SUPERIOR FUNCTIONALITY.



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS

Standard features at a glance

Progressive braking*

An advanced DC brake system similar to anti-lock brakes brings the door to a soft stop for less wear and tear on the system.

Easy limit setting with LimitLock®

An electro/mechanical limit sensor that makes it easy to set and maintain limits.

Advanced radio receiver system with auto seek frequency range

Quickly and easily learns up to 250 CodeDodger® equipped transmitters. This system will automatically cycle between 315 and 390 frequencies. It can add and delete transmitters from the menu and easily identify which transmitters are operating the door.

16-character LCD display

Simplifies installation and troubleshooting. Intelligent menu structure and expanded self-diagnostics.

Voltage freedom with Voltamatic®

Voltamatic® provides 115/208/230V single phase in one unit, and 208/230/460V three phase in another unit. A separate 575V three phase unit is also available.

Auto-tensioning SuperBelt®

Automatically adjusts itself to the correct tension.

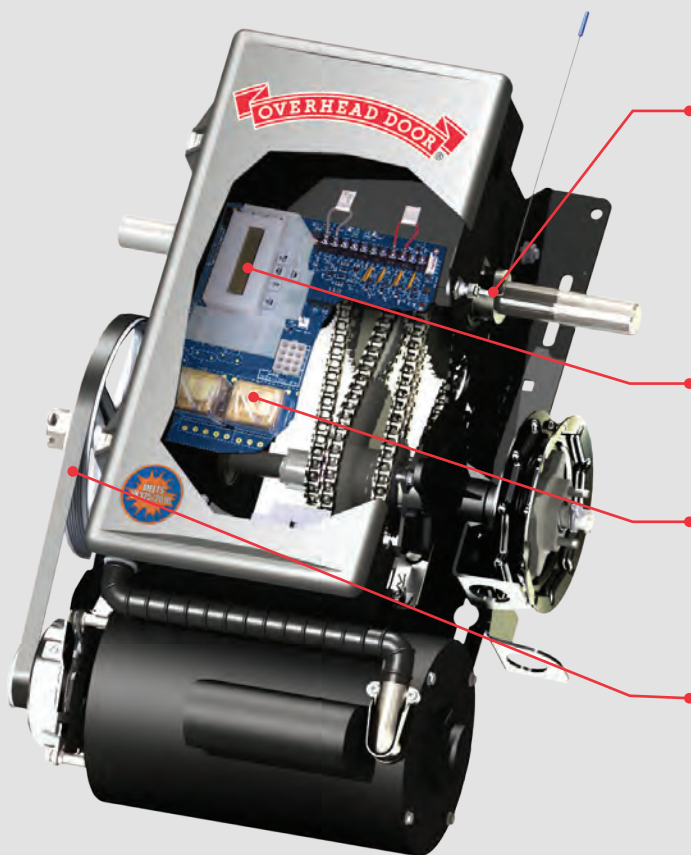
UL325 2010 compliant

This new standard requires the addition of monitored external entrapment devices prior to the operator working in momentary contact in the close direction.

Adjustable timed closed feature

Standard feature on the main logic board can close door automatically. Timer delay can be set from zero to five minutes in two second increments through the LCD display.

*Patents # 6,737,823 and # 6,388,412



STANDARD DUTY COMMERCIAL OPERATOR

Sectional Steel Door square foot limits

Commercial Steel Insulated & Non-insulated													
Model	HP	UL Listed	Door Series →		416	418	420	422	424	426	430	432	470
			Mounting type	Max. door weight (Lbs)	16 GA. flush steel	16 GA. flush steel insulated	20 GA. ribbed steel	20 GA. ribbed steel insulated	24 GA. ribbed steel	24 GA. ribbed steel insulated	Normal 24 GA. ribbed steel	Normal 24 GA. ribbed steel insulated	Styrene steel back insulated
RSX®	1/2	Yes	T/S/C	1120	294	230	366	294	448	330	326	326	281
RSX®	3/4	Yes	T/S/C	1370	366	294	448	366	490	406	326	326	281
RSX®	1	Yes	T/S/C	1620	448	366	536	448	536	490	326	326	281

Thermacore													Aluminum	
Model	HP	UL Listed	Door Series →		591	592	593	594	596	598	599	850	511	521
			Mounting type	Max. door weight (Lbs)	Ribbed steel 1-5/8"	Ribbed steel 2"	Ribbed steel 1-3/8"	Raised panel steel 1-3/8"	20 GA. flush steel 2"	Ribbed steel 1"	Ribbed steel 2"	20 GA. flush steel 3"		
RSX®	1/2	Yes	T/S/C	1120	406	406	326	326	360	200	406	360	326	406
RSX®	3/4	Yes	T/S/C	1370	490	448	326	326	404	200	448	400	326	506
RSX®	1	Yes	T/S/C	1620	591	494	326	326	448	200	494	460	326	526

T = Trolley S = Jackshaft, Side Mount C = Jackshaft, Center Mount

Note: Total door weight, and not the square footage, is the critical factor in selecting the proper operator. Square foot measurements are based on "square doors". (Example = 16' x 16')

Note: Doors that require special windloading and wide doors normally require increased strutting (reinforcement). Strutting doors can significantly increase door weight beyond maximum weight shown. Consult the technical support group at 1-800-275-6187.

Rolling Steel Door square foot limits

Model	HP	UL listed	Rolling Steel Doors									
			600	610/620			625			627		
			Coil-Away™	22 GA.	20 GA.	18 GA.	24 GA.	22 GA.	20 GA.	18 GA.	24 GA.	22 GA.
RSX®	1/2	Yes	256*	292	255	194	179	156	145	123	190	192
RSX®	3/4	Yes	256*	375	327	249	230	200	185	158	228	192
RSX®	1	Yes	256*	480	419	319	294	256	237	202	266	252

Model	HP	UL listed	FireKing® Rolling Fire Doors/Shutters					Counter	Grilles		
			635**		630/631/634**			640/641	650/651/652	670	671
			24/24 GA.	22/24 GA.	22 GA.	20 GA.	18 GA.	22 GA.	22 GA. /Alum	Alum	Steel
RSX®	1/2	Yes	100	81	168	169	132	N/A	All*	450	156
RSX®	3/4	Yes	100	81	168	169	132	N/A	All*	500	215
RSX®	1	Yes	100	81	168	169	132	N/A	All*	600	285



Note: Door chart represents max. door height of 24ft., over 24ft high consult factory.

* Operator must be wall mounted.

** Must use the Auxiliary Input/Output Module part number OPABIOXS when used in conjunction with a Fire Sentinel® Release Device.



Optional accessories

Accessory	Description
<p>Transmitters</p> 	<p>The RSX® operator features a built-in Radio Receiver System that can store up to 250 transmitters, giving the customer the ability to identify which transmitters have been operating the door. Radio transmitters may be single-button, two-button, three-button, four-button, or Open-Close-Stop. They are easily programmed or erased using the LCD display. The patented CodeDodger® technology cycles between 315 and 390 MHz with the touch of a button.</p>
<p>Motors</p> 	<p>The following motors are available when specified*:</p> <ul style="list-style-type: none"> • Totally Enclosed Non Ventilated (TENV) • Totally Enclosed Fan Cooled (TEFC) • Environmental modifications: TENV, TEFC, NEMA 4 and NEMA 4X
<p>Auxiliary modules</p> 	<ul style="list-style-type: none"> • Timer to Close Module – provides auxiliary control inputs, auxiliary safety inputs auxiliary timer hold input, and an automatic door closing feature with a user- selectable time delay. Safety inputs can be enabled or disabled using the on board keypad. A monitored safety edge or photo eyes must be installed when using the timer to close feature. • Auxiliary Output Module – this plug-in module will provide several auxiliary sets of dry contacts that are microprocessor controlled. Outputs can be configured using the on-board keypad.
<p>Sensing devices</p> 	<ul style="list-style-type: none"> • Bottom Sensing Edge – stops and reverses the door upon contact with an obstruction. • Safe-T-Beam® – senses an obstruction and signals the operator to stop or reverse the door.

*TENV, TEFC, NEMA 4 and NEMA 4X environmental options not available on all horsepower models. See price book for details.

RSX® advantages

Mounting

A wide variety of mounting options are available to fit any application including:

Sectional Doors: Standard, side mount, and dual trolley applications. Side mount and center mount direct couple to the door shaft with or without hoist. Hoist models are left-hand or right-hand.

Rolling Steel Doors: With or without hoist, front of hood, top of hood, bench mount and wall mount. Hoist models are left-hand or right-hand.

Motor*

Open drip-proof motor available in ½, ¾ and 1 horsepower, single or three-phase. Totally enclosed non-ventilated (TENV) construction and totally enclosed fan cooled (TEFC) construction units, NEMA 4 and NEMA 4X are available as options.

On-board radio receiver

This standard feature can add radio functionality to every job with no additional cost for the receiver. Stores up to 250 CodeDodger® transmitters including the commercial dual frequency cycling versions.

Drive reduction

Primary reduction is SuperBelt®, an auto tension poly-V flex belt that does not require adjustment. Secondary reduction is by chain and sprocket.

Direct coupling (optional on sectional doors only)

Provides fast, easy installation and prevents chain slacking. Available on sectional side/center mount jackshaft and hoist units.

Timed Close

Doors can be set to automatically close after a two second to five minute delay.

Mechanical brake system

24V DC Disc Brake. Fewer mechanical parts for improved reliability.

Clutch

Adjustable disc-type helps protect door and operator from major damage should the door meet an obstruction.

Cycle counter

LCD (liquid crystal display) clearly indicates the exact number of cycles logged for easy maintenance support.

Adjustable shaft

Output shaft can be moved from one side to the other, providing flexible installation options.

Trolley rail assembly

High strength 2 inch structural angle for added strength and durability.

NEMA 4/4X operators (optional)

Available for wet, dusty and corrosive environments.

CodeDodger® commercial dual frequency cycling transmitters (optional)

Available in 1, 2, 3, 4-button and Open/Close/Stop versions. Automatically operates at both 315 and 390 MHz every time a button is pressed.

Limited Warranty

RSX® operator features a 2-year or 20,000 cycle limited warranty. See installation manual for complete limitations and details.

*TENV, TEFC, NEMA 4 and NEMA 4X environmental options not available on all horsepower models. See price book for details.



Tools to help you
get the job done.

Architect's Corner

A resource for architects, containing comprehensive technical and resource materials to support your project, including drawings and specifications for commercial doors.

overheaddoor.com

The original, innovative choice for unequalled quality and service.

Overhead Door Corporation pioneered the sectional garage door industry, inventing the first sectional garage door in 1921 and the first electric door operator in 1926. Today, we continue to be the industry leader through the strength of our product innovation, superior craftsmanship and outstanding customer support, underscoring a legacy of quality, expertise and integrity. That's why design and construction professionals specify Overhead Door™ products more often than any other brand. Our family of over 400 Overhead Door™ Distributors across the U.S. and Canada not only share our name and logo, but also our commitment to excellence.



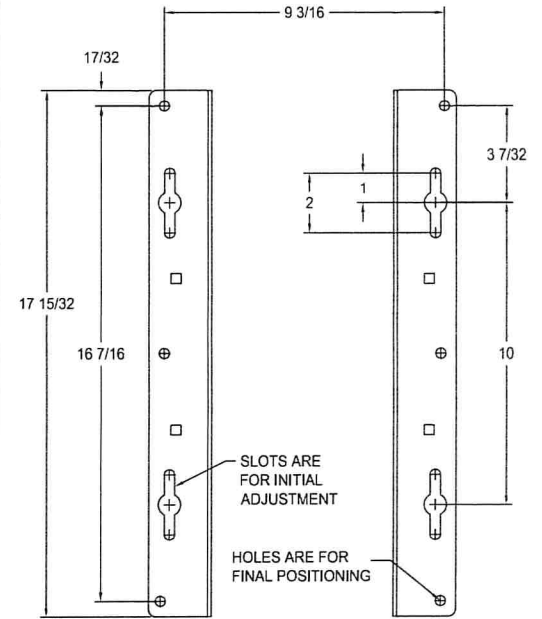
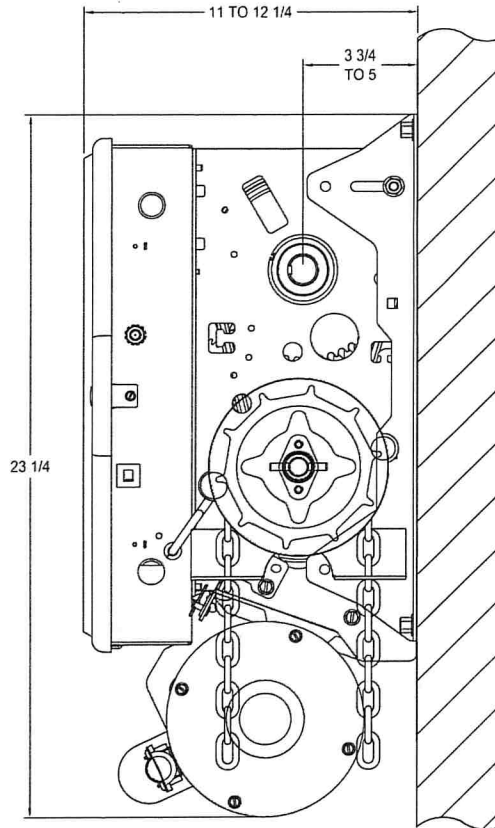
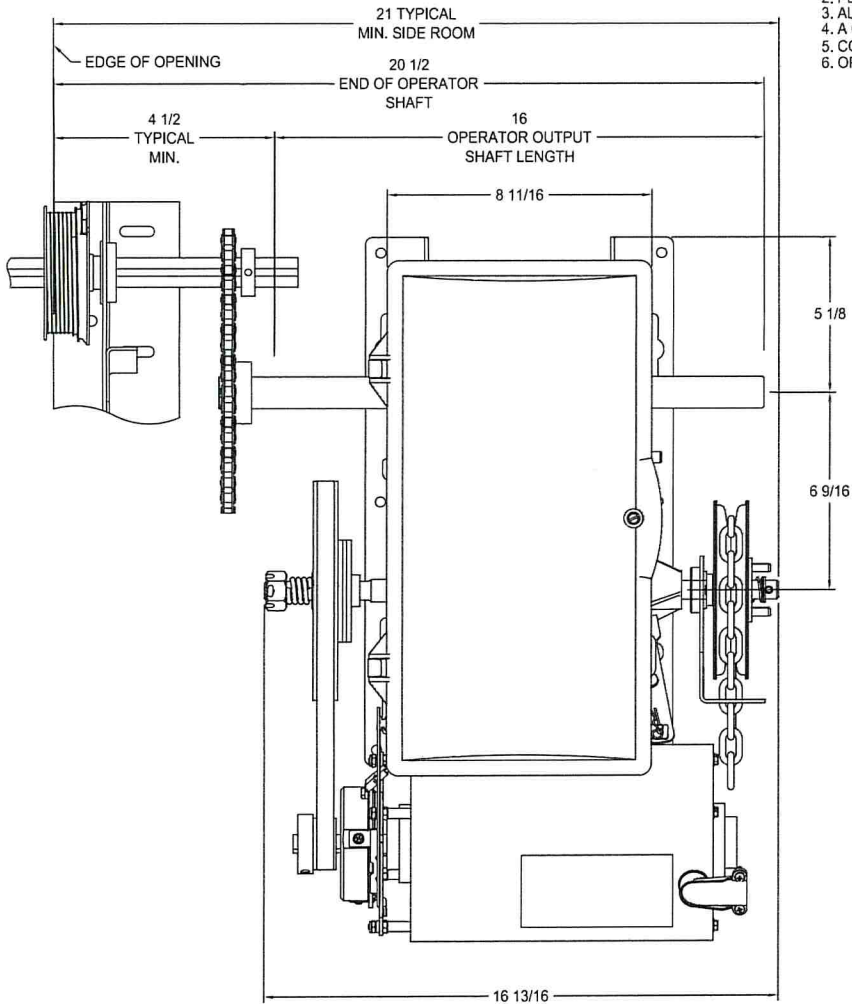
INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS



2501 S. State Hwy. 121 Bus., Suite 200, Lewisville, TX 75067
1-800-929-DOOR • sales@overheaddoor.com
overheaddoor.com

NOTES:

1. AVERAGE DOOR TRAVEL SPEED VARIES PER DRUM USED.
2. PLEASE VERIFY VOLTAGE, PHASE & MOUNTING.
3. ALL OPTIONS ARE AT ADDED COST.
4. A CLEARANCE OF 6" SHOULD BE ALLOWED FOR ACCESS TO ELECTRIC BOX.
5. CONTROL VOLTAGE IS A NEC CLASS 2 CIRCUIT.
6. OPERATOR MOUNTING BRACKETS MOUNT TO WALL.



MOUNTING BRACKETS

ARCHITECT DOOR NUMBER	OVERHEAD DOOR MARK	QTY	OPENING SIZE		HP	VOLTS	PHASE	HERTZ
			WIDTH	HEIGHT				
	RSX	1	12'0"	12'0"	1	115/208/230	1	60

NOTES

Motor Will Be Mounted on the left Side inside looking out

RSX SIDE MOUNT OPERATOR		
PROJECT	Sail Sand Point	
ARCHITECT	Johnson Oak Life	
CONTRACTOR		
DISTRIBUTOR	Overhead Door Co of Seattle	
PLANT	Nebraska	
DWG. NO.	DATE:	The Genuine. The Original. OVERHEAD DOOR
SHEET	BY: Anthony Holcombe	

PHOTOGRAPHS OF COLOR SAMPLES FOR PROPOSED DOOR:

Preferred color-blue RAL 5007



at location of proposed door replacement



in proximity to existing Sail Sandpoint blue



in proximity to other materials on building

PHOTOGRAPHS OF COLOR SAMPLES FOR PROPOSED DOOR:

Alternate color 1-white



at location of proposed door replacement



in proximity to existing Sail Sandpoint blue



in proximity to other materials on building

PHOTOGRAPHS OF COLOR SAMPLES FOR PROPOSED DOOR:

Alternate color 2-aluminum



at location of proposed door replacement



in proximity to existing Sail Sandpoint blue



in proximity to other materials on building

SMMS-e Single VRF Outdoor Unit MCY-MAP0367HS-UL—Heat Pump

TOSHIBA Carrier

Submittal Data

Job Name _____ Location _____

Tag _____



SMMS-e VRF Heat Pump Features

- 3, 4, and 5-ton single-phase modules available
- Modules have inverter-driven twin rotary compressor
- 591 ft (180 m) actual total system piping (liquid line)
- 328 ft (100 m) actual piping length from outdoor unit to furthest fan coil
- Up to 330 ft (100 m) control wiring between outdoor units
- Up to 6560 ft (2000 m) control wiring between the outdoor units and indoor units

- Operating temperature range Cooling (db): 23 to 122 F (–5 to 50 C)
- Heating (wb): –13 to 60 F (–25 to 15.6 C)
- Protection: high pressure sensor and switch, low pressure sensor, process controller board fuse, inverter overload protection
- 7-year compressor limited warranty, 5-year parts limited warranty

Header Unit Model	MCY-MAP0367HS-UL	
PERFORMANCE		
Nominal Cooling Capacity	Btu/h	36,000
Nominal Heating Capacity	Btu/h	40,000
Maximum Total Connected Indoor Unit Capacity		Up to 135%
COOLING EFFICIENCY†		
SEER2, Ducted FCUs	Btu/Wh	20.10
SEER2, Ductless FCUs	Btu/Wh	22.80
HEATING EFFICIENCY†		
HSPF2, Ducted FCUs		10.00
HSPF2, Ductless FCUs		10.90
Fan Type (Qty)		Propeller (2)
Airflow	CFM	4520
Combined System Sound Pressure, Cooling/Heating	dBA	52.0/56.0
ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/1/60
Minimum Circuit Amps (MCA)	A	36.3
Recommended Fuse Size	A	40

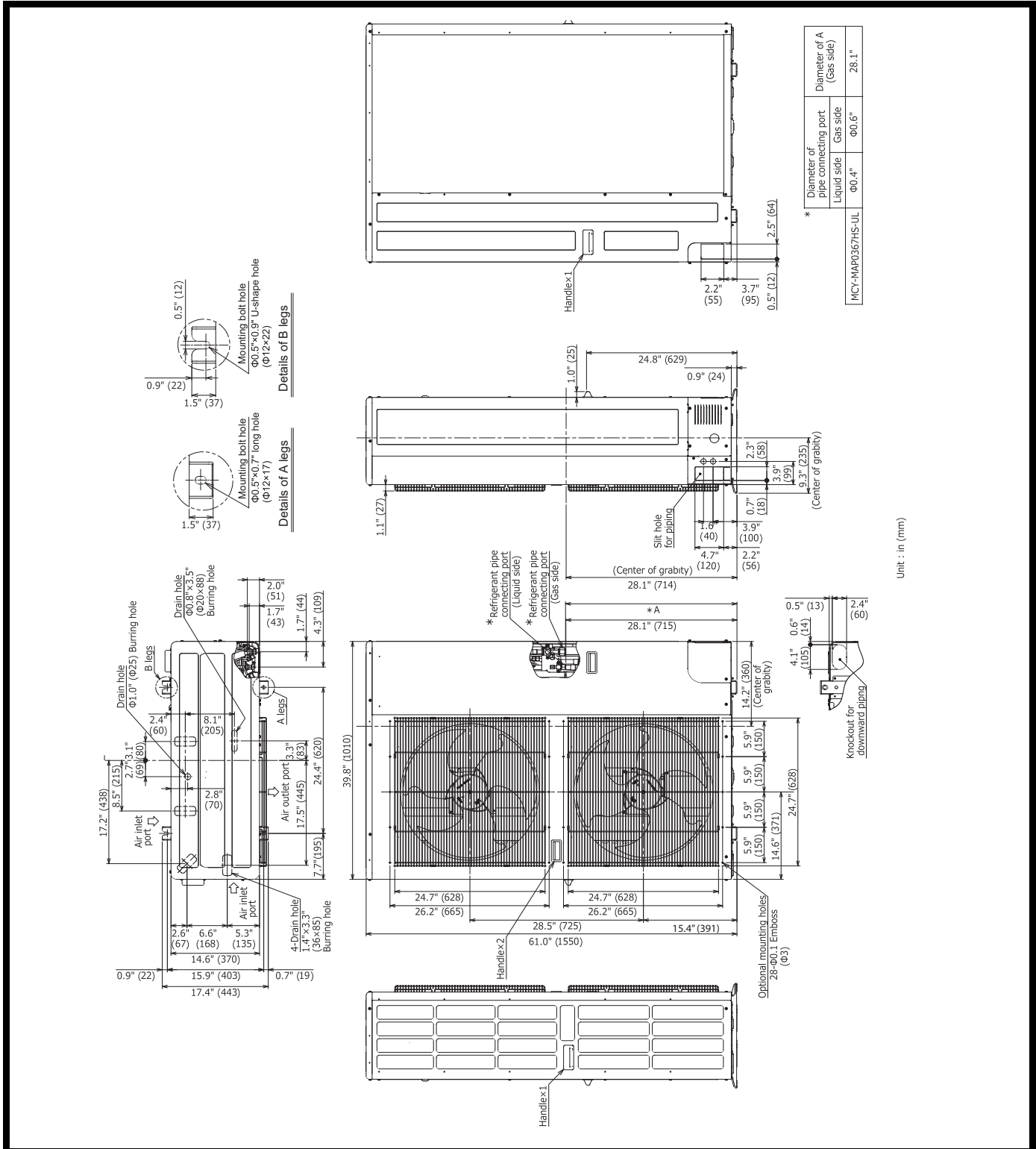
COMPRESSORS		
Type (Number)		Hermetic Twin Rotary (1)
Motor Output	kW	3.75
FAN MOTOR		
Motor Type (Steps)		Propeller Fan (2)
Motor Output	kW	0.10 + 0.10
PHYSICAL DATA		
Pipe Connection Size - Liquid (High Pressure)	in.	3/8 (Flare)
Pipe Connection Size - Gas (Low Pressure)	in.	5/8 (Flare)
Refrigerant		R-410A
Factory Charge††	lb	14.8
External Finish		Munsell 1Y8.5/0.5
Unit Width	in.	39.8
Unit Height	in.	61.0
Unit Depth	in.	14.6
Unit Net Weight	lb	311

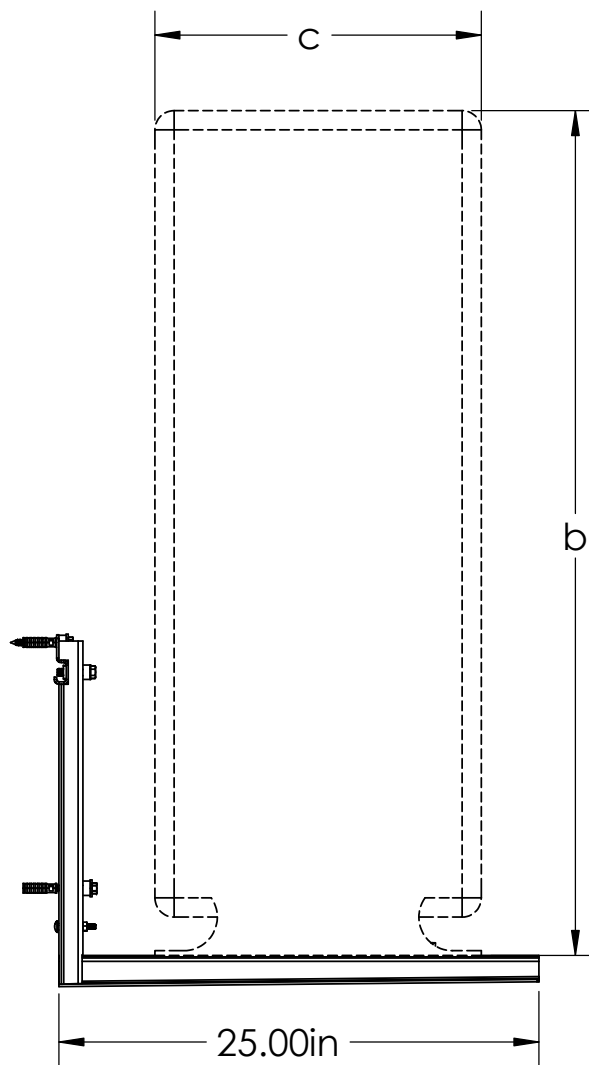
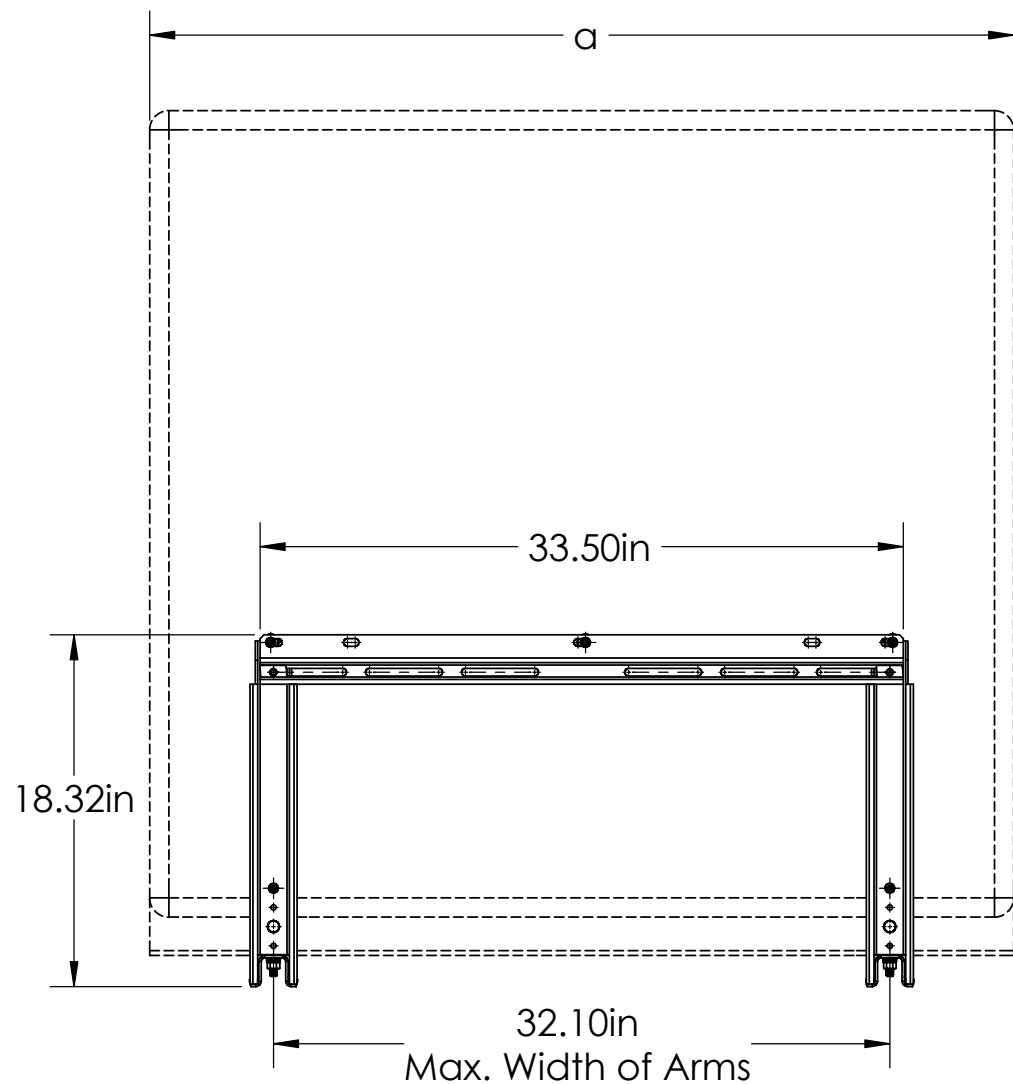
LEGEND

db	—	Dry Bulb
SEER	—	Seasonal Energy Efficiency Ratio
FCU	—	Fan Coil Unit
HSPF	—	Heating Seasonal Performance Factor
wb	—	Wet Bulb

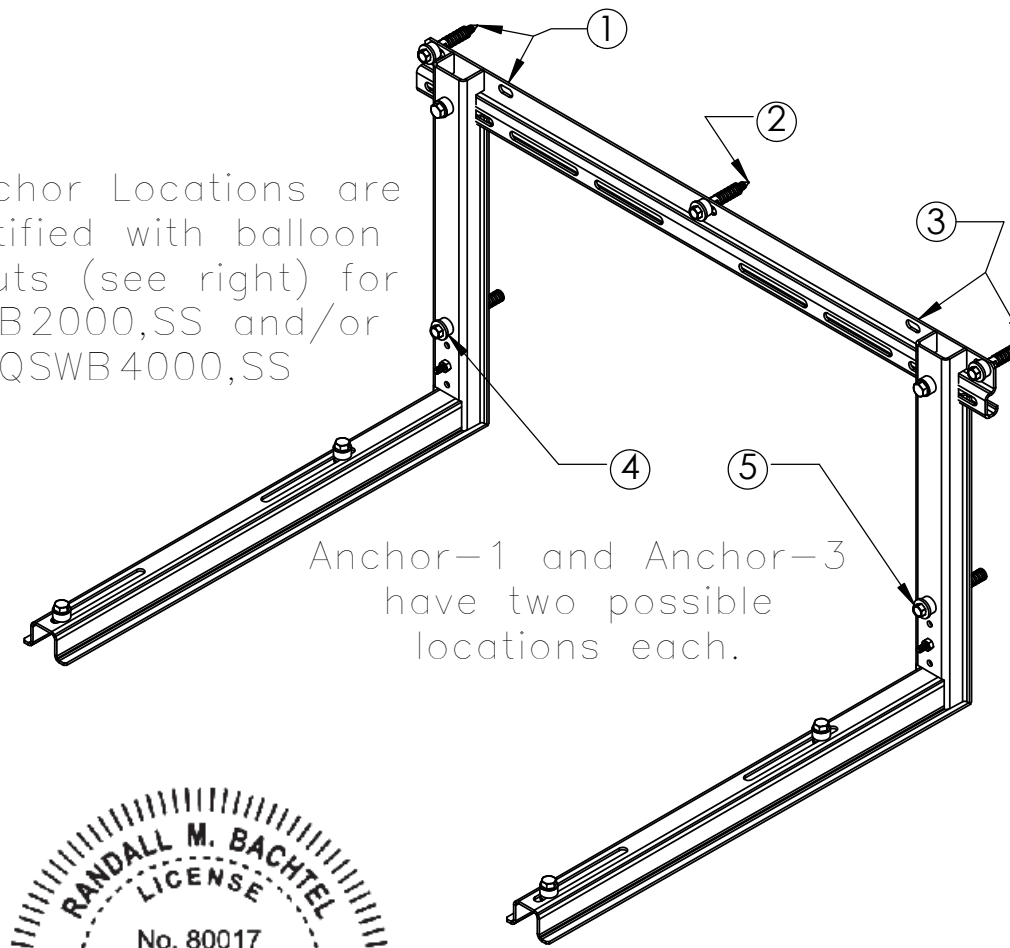
†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 Standard.
Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db
Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb
††Additional charge required.

OUTDOOR UNIT HEAT PUMP MCY-MAP0367HS-UL DIMENSIONAL DRAWING

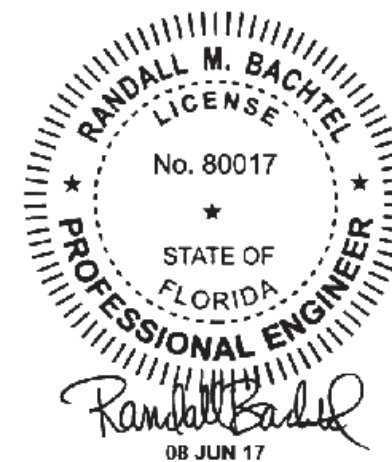




5 Anchor Locations are identified with balloon callouts (see right) for QSWB2000,SS and/or QSWB4000,SS



Anchor-1 and Anchor-3 have two possible locations each.



FL-22529.2

TABLE-3 CONDENSER UNIT (MAXIMUM) SPECIFICATIONS

Item	QSWB 2000 QSWB 2000SS	QSWB 4000 QSWB 4000SS
Max. Length (a) in.	42	48
Max. Height (b) in.	48	54
Max. Depth (c) in.	20	20
Max. Frontal Area (a x b) sq. in.	2020	2300
Max. Lateral Area (b x c) sq. in.	960	1100
Max. Weight (lbs.)	350	500

QSWB Part Number Notation

Diversitech QSWB4000 is equivalent to QSWB2000M-1. QSWB2000 and QSWB4000 each come in stainless steel versions. These two part numbers have a suffix "SS" Ex. QSWB2000SS and QSWB4000SS

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MILLIMETERS]
TOLERANCES ARE: ANGLES ±1.0°
FRACTIONAL SIZES X/Y ±1/64

INCHES	MILLIMETERS
X = ±0.1	[X = ±2.5]
.XX = ±0.01	[.X = ±1.3]
.XXX = ±0.005	[.XX = ±0.13]

THIRD ANGLE PROJECTION



CONFIDENTIAL - PROPRIETARY - DO NOT COPY
THE INFORMATION SET FORTH IN THIS DOCUMENT AND RELATED INFORMATION IS THE CONFIDENTIAL PROPERTY OF DIVERSITECH CORPORATION, AND IS NOT TO BE COPIED OR REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT PRIOR WRITTEN PERMISSION FROM DIVERSITECH CORPORATION.

MATERIAL: AISI 1045 Steel / Sy >= 59ksi
DWG. NO. A/C Condensing Unit Wall Bracket Systems
DESCRIPTION: Models: QSWB2000, QSWB2000SS, QSWB4000 & QSWB4000SS

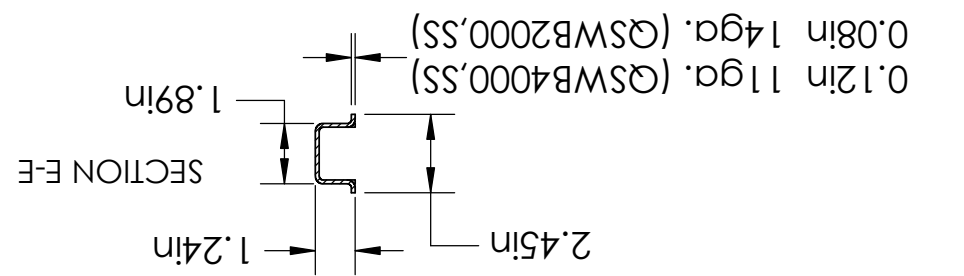
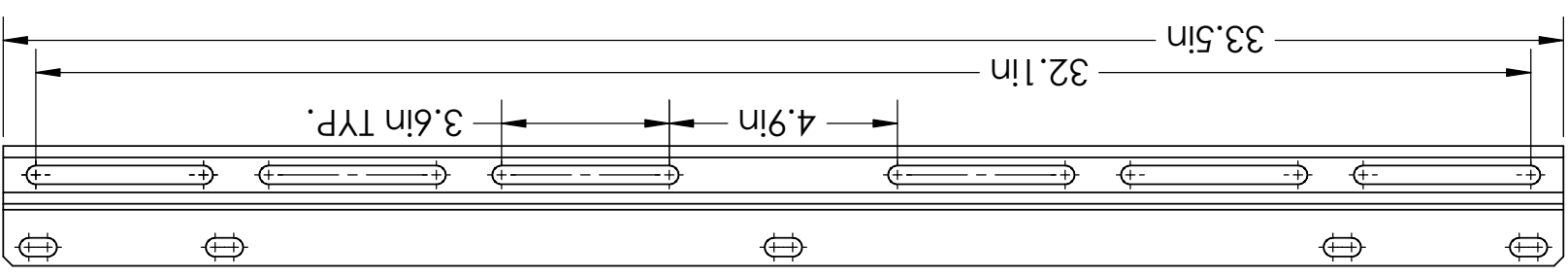
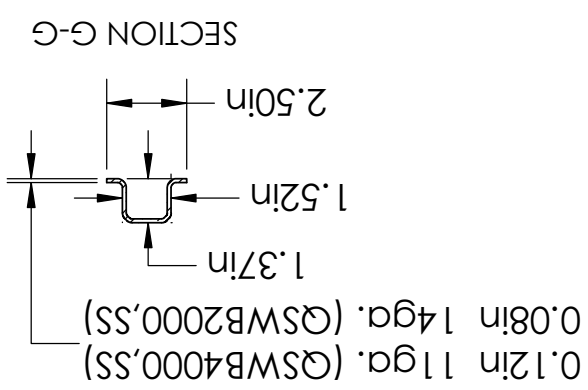
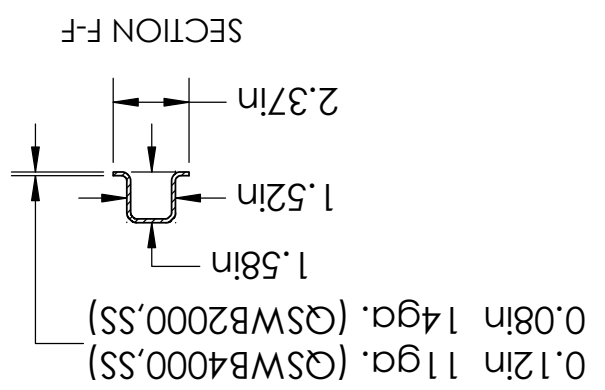
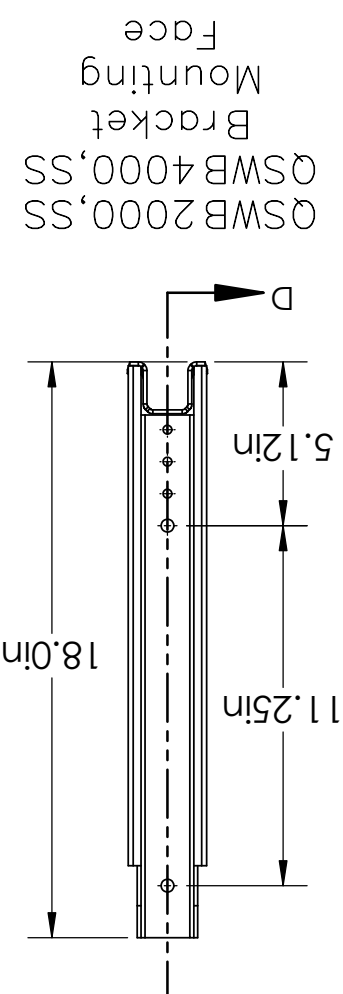
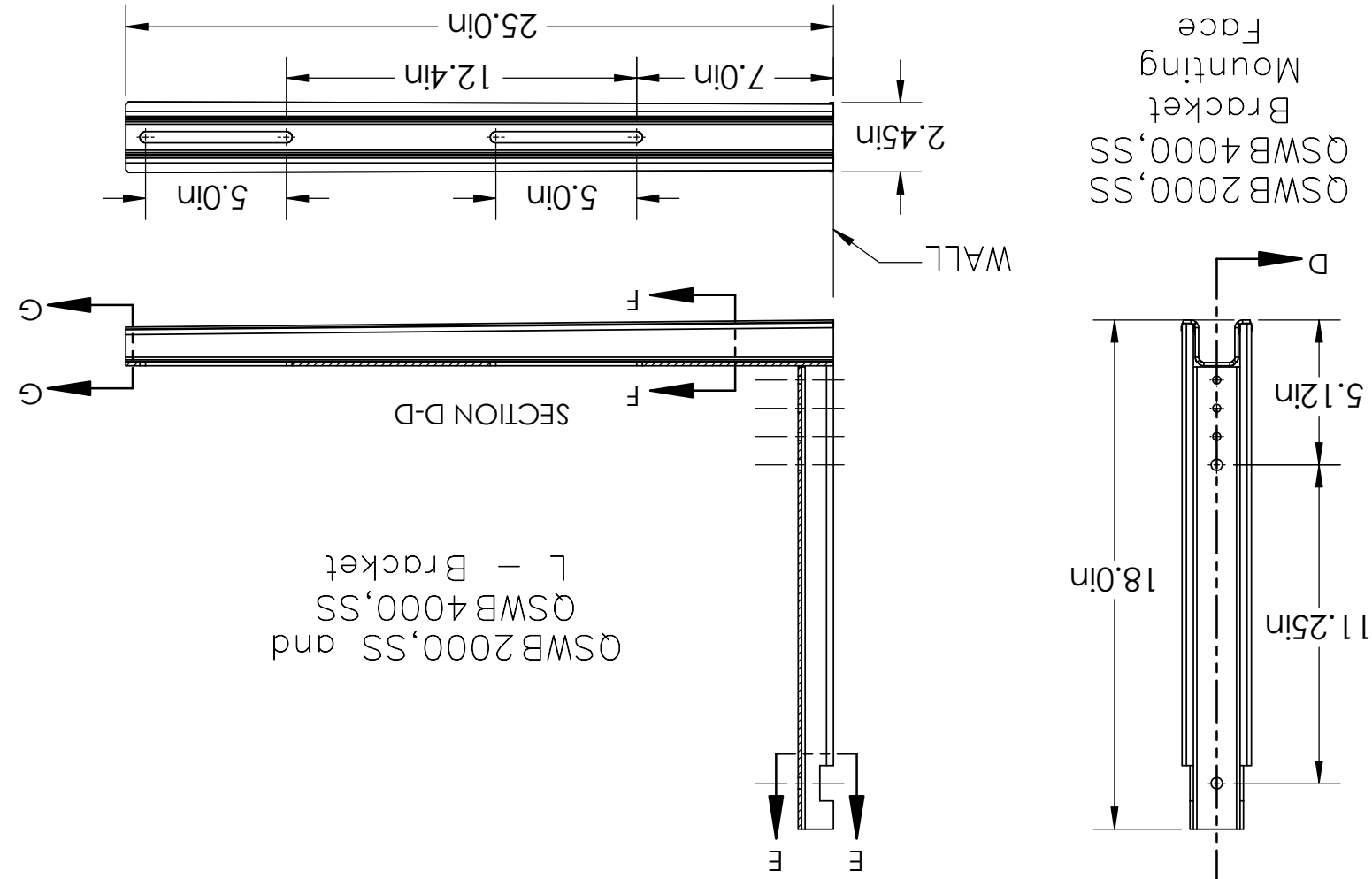
REV. **A**
28AUG17
SHEET 1 OF 5

REV	A	MATERIAL: AISI 1045 Steel / Sy >= 59ksi
		DWG. NO. 28AUG17
SHEET 2 OF 5		DESCRIPTION: Models: QSWB2000, QSWB2000SS, QSWB4000 & QSWB4000SS

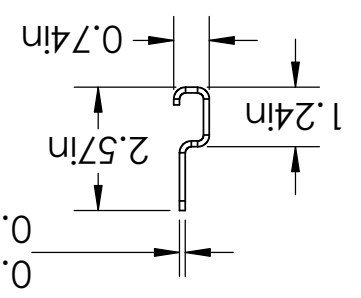


UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES (MILLIMETERS)
 TOLERANCES ARE: ANGLES ±1.0°
 FRACTIONAL SIZES X/Y ±1/64
 INCHES (MILLIMETERS)
 X = ±0.1 [X = ±2.5]
 XX = ±0.01 [XX = ±1.3]
 XXX = ±0.005 [XXX = ±0.13]
 THIRD ANGLE PROJECTION

Equipment Mounting Face
 QSWB2000,SS/QSWB4000,SS



QSWB2000,SS and QSWB4000,SS Wall Bracket Systems are dimensionally identical except for the sheet metal thickness used to form each of the components. QSWB2000 uses 14ga. stock. QSWB4000 uses 11ga. stock.



4

3

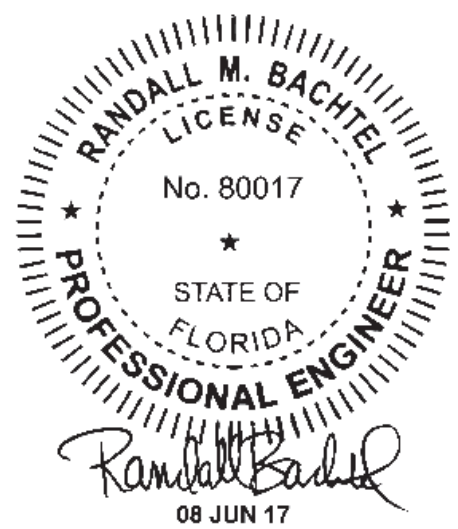
2

1

QSWB Wall Mounting Brackets

Installation Instructions – Professional Installation Required

1. Ensure that the supporting wall structure that the bracket will be mounted on is capable of supporting the weight of the air conditioner unit and bracket and can support the anchor loads as indicated on the QSWB specification sheet, Pgs. 1 & 3.
2. Use the correct size wall mounting bracket (QSWB2000 or QSWB4000) to match up with the condenser unit weight. See Pg-1.
3. Remove the three wall mounting bracket parts and bag of hardware from the box.
4. Mount the horizontal glide track to the wall using 3 of the 5 anchors. Lag screws for wood and expansion anchors for concrete. Alternate anchors can be used by following the anchor schedule found in the QSWB specification sheet, Pg-4.
5. Mount the L-brackets to the guide track by using the hardware provided. (NOTE: Insert the 1 \square x 3/8 \square bolts and washers thru the L-bracket into the spring nuts).
6. Insert 1/4-20 carriage bolts with nuts through the bottom side of the L-bracket for equipment mounting. Place rubber washer (vibration and noise reducers) and nut to the top of the L-bracket equipment mounting bar.



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES [MILLIMETERS]
 TOLERANCES ARE: ANGLES $\pm 1.0^\circ$
 FRACTIONAL SIZES X/Y $\pm 1/64$

INCHES	MILLIMETERS
.X = ± 0.1	[X = ± 2.5]
.XX = ± 0.01	[.X = ± 1.3]
.XXX = ± 0.005	[.XX = ± 0.13]

THIRD ANGLE PROJECTION



CONFIDENTIAL - PROPRIETARY - DO NOT COPY THE INFORMATION SET FORTH IN THIS DOCUMENT AND RELATED INFORMATION IS THE CONFIDENTIAL PROPERTY OF DIVERSITECH CORPORATION, AND IS NOT TO BE COPIED OR REPRODUCED OR DISTRIBUTED IN ANY FORM WITHOUT PRIOR WRITTEN PERMISSION FROM DIVERSITECH CORPORATION. DO NOT SCALE DRAWING	MATERIAL: AISI 1045 Steel / Sy \geq 59ksi	REV. A
	DWG. NO. A/C Condensing Unit Wall Bracket Systems	28AUG17
DESCRIPTION Models: QSWB2000, QSWB2000SS, QSWB4000 & QSWB4000SS	SHEET 5 OF 5	

4

3

2

1

ELF375DX/ELF375DXH

Drainable Stationary Louvers
Extruded Aluminum



APPLICATION

The ELF375DX/ELF375DXH are 4" deep, extruded aluminum, drainable, stationary louvers that are designed to protect air intake and exhaust openings on exterior walls. These louvers are designed with drainable gutter systems that channel water from the blades to downspouts in the jambs. Here, water is exhausted out of the front of the louvers.

STANDARD CONSTRUCTION

Frame	4" (102) deep, 6063T6 extruded aluminum. ELF375DX: .081" (2.1) nominal wall thickness. ELF375DXH: .125" (3.2) nominal wall thickness. Downspouts and caulking surfaces provided.
Blades	6063T6 extruded aluminum. ELF375DX: .081" (2.1) nominal wall thickness. ELF375DXH: .125" (3.2) nominal wall thickness. Drainable blades are positioned at 37 1/2° angle and spaced approximately 5 3/32" (129) center to center.
Screen	5/8" x .040" (16 x 1) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.
Finish	Mill.
Minimum Size	12" w x 12" h (305 x 305).
Approximate Shipping Weight	ELF375DX: 4 lbs./ft. ² (19.5 kg/m ²). ELF375DXH: 6 lbs./ft. ² (29.3 kg/m ²).
Maximum Factory Assembly Size	Single sections shall not exceed 120" w x 90" h (3048 x 2286) or 90" w x 120" h (2286 x 3048). Louvers larger than the maximum single section size will require field assembly of smaller sections.
Blade Supports	Louvers may be provided with rear mounted blade supports that increase overall louver depth depending on louver size, assembly configuration or windload.

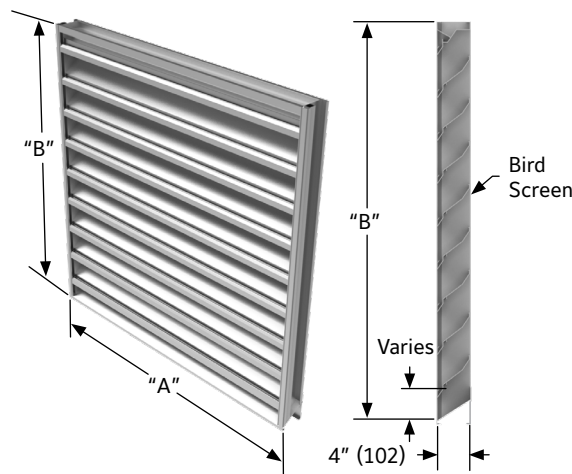
Consult Ruskin for additional information.

LEED Material Information

Contact Ruskin for Recycled Material and Manufacturing Location Information.

FEATURES

- ▶ 54% Free Area
- ▶ Published performance ratings based on testing in accordance with AMCA Publication 511
- ▶ High performance frame system
- ▶ Beginning point of water penetration at .01 oz./sq.ft. is 873 fpm (266 m/min)
- ▶ Drain gutter in each blade minimizes water cascade between blades
- ▶ Architecturally styled, hidden mullions
- ▶ Aluminum construction for low maintenance and high resistance to corrosion
- ▶ All welded construction



5
YEAR LIMITED
WARRANTY

ISO9001
CERTIFIED

LOUVER VARIATIONS

Variations to the basic design of these louvers are available at additional cost. They include:

- ▶ Extended sill
- ▶ Hinged frame
- ▶ Front or rear security bars
- ▶ Filter racks
- ▶ Universal sleeve
- ▶ Blank off panels
- ▶ A variety of bird and insect screens
- ▶ Optional finishes available at additional cost: Prime coat, 50% PVDF (modified fluoropolymer), Epoxy, Pearledize, 70% PVDF, Clear and Anodized finishes. (Some variation in anodize color consistency is possible)

Consult Ruskin for other special requirements.

NOTES:

- Dimensions are in inches, parenthesis () indicate millimeters.
- Units furnished 1/4" (6) smaller than given opening dimensions.

RUSKIN® LOUVER COLORS



STANDARD COLORS

BONE WHITE
 DARK BRONZE
 PORTLAND STONE
 LIGHT STONE
 SHELBURNE
 FOREST GREEN
 SANDSTONE
 HERRINGBONE
 CORONADO RED
 SAHARA TAN
 STONE GRAY
 ASCOT WHITE
 BLACK
 MEDIUM BRONZE
 TAUPE

PEARLEDIZE COLORS

DARK BRONZE
 MEDIUM BRONZE
 CHAMPAGNE BRONZE
 BRIGHT SILVER
 WARM SILVER
 ASTI
 COPPER
 CORAL REEF
 BLUE



***We can match any color!**

PROPOSED: COLOR MATCH TO THE EXISTING SIDING

Extended Sill & Extended Sill with End Dams

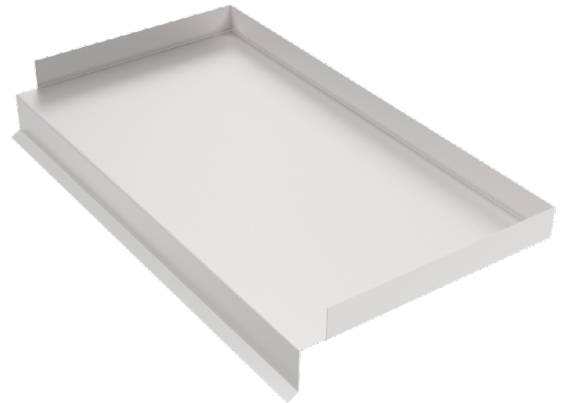


APPLICATION

Extended sill are used as a secondary water protection barrier to help keep water from entering.

STANDARD CONSTRUCTION

1	Formed Extended Sill With End Dams	Formed Aluminum 0.08" Sheet
2	Formed Extended Sill Without End Dams	Formed Aluminum 0.08" Sheet
3	Formed Intermediate Gutter	Formed Aluminum .080" Sheet
4	Extruded Extended Sill 4.50" Deep	6063-T6 Extruded Aluminum .063"
5	Formed Sill Lap Strip 3.00" Wide	Formed Aluminum .040" Sheet



YEAR LIMITED WARRANTY

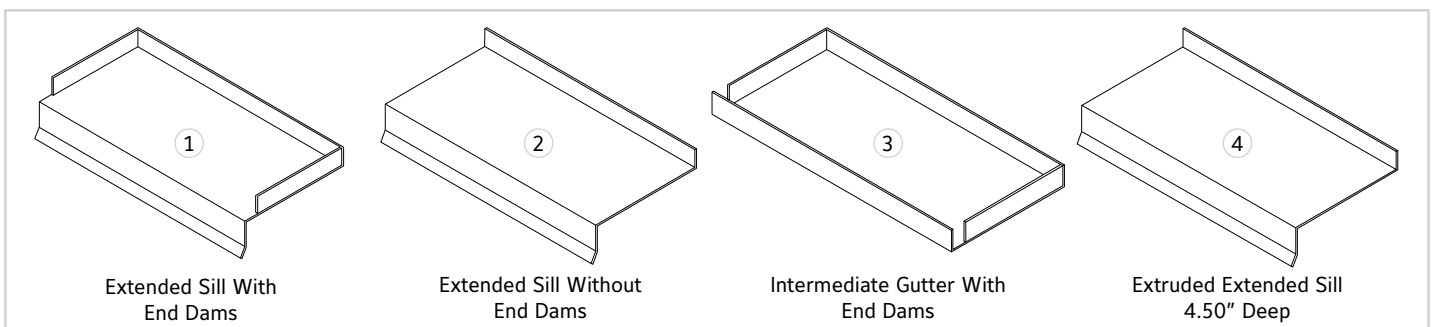
ISO9001 CERTIFIED

SUBSTITUTIONS, CONSTRUCTION

1	Formed Extended Sill With End Dams	Formed Aluminum .080" Sheet
2	Formed Extended Sill Without End Dams	Formed Aluminum 0.125" Sheet, Galvanized, 304SS, 316SS
3	Formed Extended Sill Without End Dams	Formed Aluminum 0.125" Sheet, Galvanized, 304SS, 316SS

Consult Ruskin for additional information.

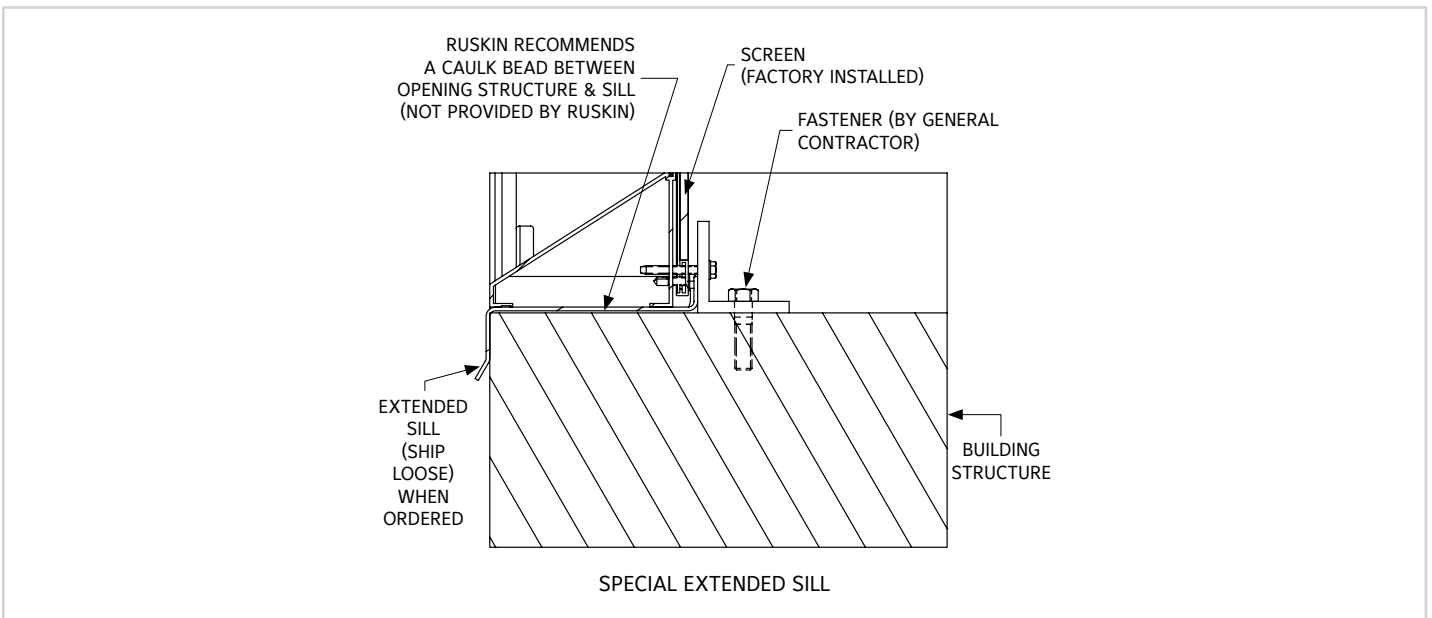
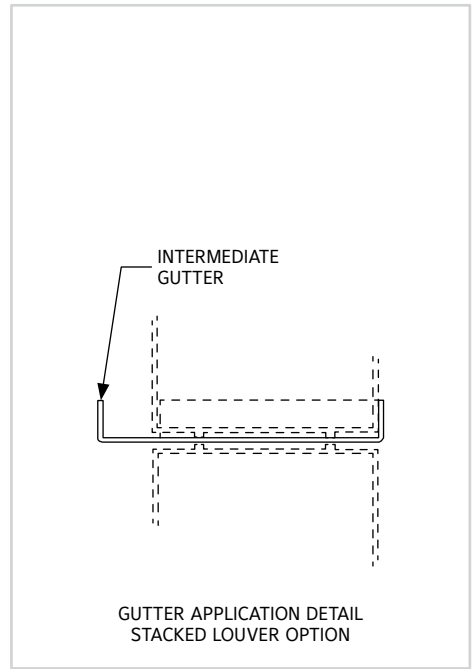
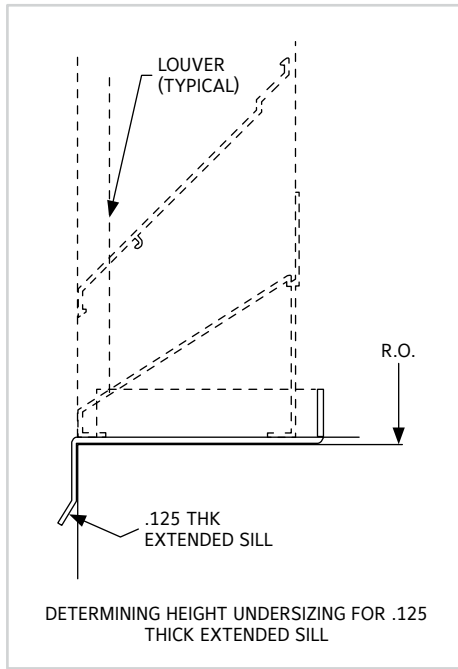
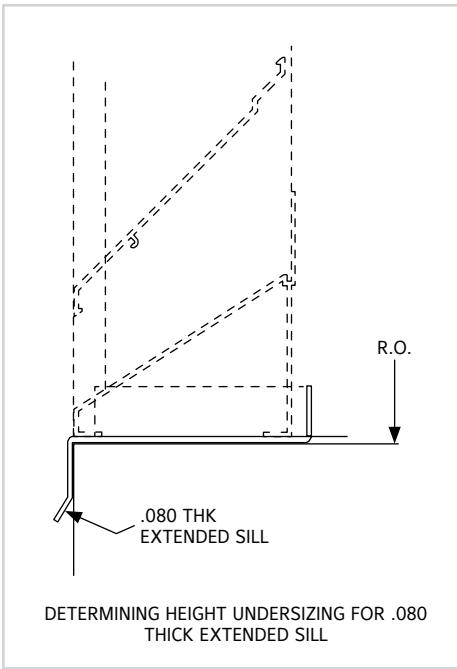
STANDARD DRAWING



NOTES:

- When painted - .080" Thk. material is to be the minimum thickness.
- Sills 4.50" deep or deeper are formed of .080" Thk. material or thicker.
- Penthouse Sill application - Sill is formed of .125" Thk. material.
- Material used - 5005-H34 for mill finish and anodized sills. (Note: Sills formed prior to anodizing)

STANDARD DRAWING



LINKS TO IMPORTANT DOCUMENTS

Document Title

Paint Finishes and Color Guide

Limited Warranty Document



3900 Doctor Greaves Road
Grandview, MO 64030
Website: www.ruskin.com
Phone: (816) 761-7476