

PORT OF TACOMA

EBC SILVERBACK TEMPORARY RELOCATION

PROJECT NO. 101686.01

CONTRACT NO. POT-PA-000000292

PORT COMMISSIONERS:

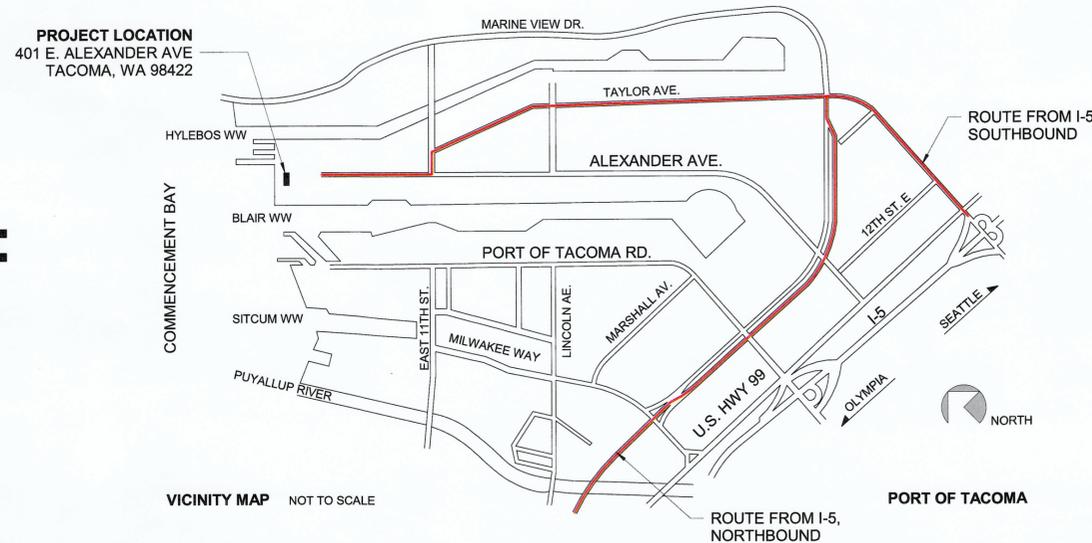
JOHN MCCARTHY
 JT WILCOX
 KRISTIN ANG
 RICHARD P. MARZANO
 DEANNA KELLER

PORT STAFF:

ERIC JOHNSON
 Port of Tacoma Executive Director

THAIS HOWARD, P.E.
 Sr. Director of Engineering

ELLY BULEGA, P.E.
 Project Manager



DEFERRED SUBMITTALS:

- PRE-ENGINEERED METAL BUILDING SYSTEM
- MODULAR OFFICE AND RESTROOM TRAILERS
- SITE FENCING
- SITE SAFETY PLAN

PRE-ENGINEERED METAL BUILDING SYSTEM:

CONTRACTOR SHALL SUBMIT ALL REQUIRED DEFERRED PERMIT SUBMITTAL DOCUMENTS FOR PRE-ENGINEERED METAL BUILDING SYSTEMS, INCLUDING STRUCTURAL DETAILS AND CALCULATIONS. CALCULATIONS AND DETAILS SHALL BE STAMPED BY A WASHINGTON STATE LICENSED ENGINEER. REFER TO SPECIFICATION SECTION 13 34 19 - METAL BUILDING SYSTEMS.

WSEC BUILDING ENVELOPE COMPLIANCE:

HEATING SYSTEMS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS FOR A LOW ENERGY BUILDING PER C402.1.1.1. THE BUILDING IS EXEMPT FROM THE ENERGY CODE PROVISIONS OF SECTION C402.

ADDRESS:

401 E. ALEXANDER AVE,
 TACOMA, WA 98422

PROJECT DIRECTORY



OWNER
 PORT OF TACOMA
 ELLY BULEGA, PE
 PROJECT MANAGER

ONE SITCUM WAY
 TACOMA, WA 98401
 TEL: 253-428-8638
 ebulega@portoftacoma.com



ELECTRICAL ENGINEER

CASNE ENGINEERING
 STEVEN GARRETT, PE

3545 FACTORIA BLVD SE STE 200
 BELLEVUE, WA 98006
 TEL: 760-359-8832
 Steven.Garrett@casne.com



ARCHITECT
 OSBORN ARCHITECTS INC, PS
 JERRY OSBORN, AIA

1001 SW KLINKITAT WAY, SUITE 204
 SEATTLE, WA 98134
 TEL: 206-631-8442
 josborn@oaiips.com



STRUCTURAL ENGINEER

PSM ENGINEERING
 DAVID STUBBS, PE, SE

2200 6TH AVENUE, SUITE #601
 SEATTLE, WA 98121
 TEL: 206-239-7712
 mdstubs@psm-engineers.com



MECHANICAL ENGINEER
 BOARD PASCUA ENGINEERS, PS
 LEE BOARD, PE

2111 SOUTH C STREET
 BOTHELL, WA 98201
 TEL: 425-415-6100
 lbogard@bp-eng.com

DRAWING LIST

GENERAL

- G1.0 COVER SHEET
- G1.1 GENERAL NOTES AND ABBREVIATIONS
- G1.2 CODE ANALYSIS
- G1.3 SITE PLAN

ARCHITECTURAL

- A0.1 ARCHITECTURAL SITE PLAN
- A0.2 ENLARGED UTILITY CONNECTIONS
- A0.3 SITE DETAILS
- A1.1 METAL BUILDING FLOOR PLAN
- A1.2 METAL BUILDING ROOF PLAN
- A1.3 MODULAR OFFICE #1 - BASIS OF DESIGN
- A1.4 MODULAR OFFICE #2 - BASIS OF DESIGN
- A1.5 RESTROOM TRAILER - BASIS OF DESIGN
- A1.6 MODULAR BUILDING SCOPE MATRIX
- A2.1 METAL BUILDING EXTERIOR ELEVATIONS
- A2.2 METAL BUILDING SECTIONS
- A5.0 ROOF AND WALL ASSEMBLIES
- A5.1 DETAILS
- A6.1 SCHEDULES AND DETAILS

STRUCTURAL

- S1.0 GENERAL NOTES & SPECIAL INSPECTIONS
- S1.1 LOADING DIAGRAMS & DETAILS
- S1.2 REFERENCE RECORD DRAWING

MECHANICAL

- M0.1 MECHANICAL LEGEND AND NOTES
- M0.2 MECHANICAL SCHEDULES
- M1.1 MECHANICAL FLOOR PLAN

ELECTRICAL

- E0.0 ELECTRICAL SYMBOLS
- E0.1 ABBREVIATIONS
- E1.0 SITE PLAN - POWER
- E2.0 FIRST FLOOR PLAN - POWER
- E3.0 FIRST FLOOR PLAN - LIGHTING
- E3.1 LIGHTING DETAILS
- E3.2 SILVERBACK BUILDING INTERIOR PHOTOMETRIC STUDY
- E3.3 SILVERBACK BUILDING EXTERIOR PHOTOMETRIC STUDY
- E5.0 FIRST FLOOR PLAN - FIRE ALARM
- E6.0 DETAILS
- E6.1 GROUNDING DETAILS
- E10.0 ONE-LINE DIAGRAM
- E10.1 PANEL SCHEDULES
- E10.2 PANEL SCHEDULES
- E10.3 PANEL SCHEDULES
- E10.4 TEMPORARY SERVICE MOUNTING DETAIL
- E10.5 WEATHERHEAD MAST AND MOUNTING DETAIL



APPROVED:	CHECKED BY:	DATE:
<i>Eric Johnson</i>	JIM	03/10/2026
DIRECTOR ENGR.	PROJ. ENGR.	DATE
PRINTED BY:	DATE	DATE
PORT ADDRESS:	401 E. ALEXANDER AVE	TACOMA, WA 98422

EBC SILVERBACK
 TEMPORARY RELOCATION

6710
G1.0
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CONT/CONS:	TOWNSHIP:	SECTION:
000000292	21	03
M. ID:	DATE-HRZ:	VERT:
101686.01	WA83-SF	3"
PHASE:	PARCEL:	DRAWING SCALE:
BID SET		3" = 1'-0"

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GENERAL NOTES

- DRAWINGS HAVE BEEN PREPARED USING AVAILABLE RECORD DOCUMENTS AND OTHER INFORMATION SUBMITTED, IN PART, BY OTHERS. WHILE THE INFORMATION USED IS BELIEVED TO BE RELIABLE, THE ENGINEER HAS NOT VERIFIED ACCURACY AND/OR COMPLETENESS OF THE INFORMATION, AND IS NOT RESPONSIBLE FOR ITS ACCURACY, NOR FOR ERRORS/OMISSIONS WHICH MAY BE INCORPORATED INTO THIS DOCUMENT AS A RESULT.
- CONTRACTOR TO VERIFY ALL DIMENSIONS, MEASUREMENTS AND CONDITIONS IN THE FIELD BEFORE BEGINNING WORK. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
- THE ENGINEER WILL HAVE A REPRESENTATIVE ON SITE, PART-TIME TO OBSERVE THE CONSTRUCTION FOR COMPLIANCE WITH THE DESIGN INTENT AND TO ASSIST THE CONTRACTOR IN RESOLVING VARIATIONS IN THE EXISTING CONSTRUCTION. THESE DOCUMENTS ADDRESS ALL KNOWN CONDITIONS, BUT IT IS ANTICIPATED THAT HIDDEN CONDITIONS WILL BE ENCOUNTERED DURING CONSTRUCTION. THE ENGINEER WILL OBSERVE ALL SUCH HIDDEN CONDITIONS AND ISSUE ADDITIONAL CLARIFICATIONS OR MODIFICATIONS TO THE DESIGN IN ORDER TO ADDRESS SUCH CONDITIONS, AND WILL DOCUMENT ALL CHANGES.
- UNLESS OTHERWISE NOTED, ALL ANGLES TO BE RIGHT ANGLES, ALL LINES WHICH APPEAR PARALLEL ARE TO BE PARALLEL, AND ALL ITEMS WHICH APPEAR CENTERED ARE TO BE CENTERED. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THAT ALL LINES TRUE, LEVEL, PLUMB AND SQUARE.
- DETAILED AND/OR LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER GENERAL AND SMALLER SCALE DRAWINGS. POSTED DIMENSIONS WILL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR TO VERIFY SCALED DIMENSIONS WITH ENGINEER BEFORE PROCEEDING WITH WORK.
- ALL ATTACHMENTS, CONNECTIONS AND FASTENINGS OF ANY NATURE ARE TO BE PROPERLY AND PERMANENTLY SECURED IN CONFORMANCE WITH THE BEST PRACTICES OF THE BUILDING INDUSTRY. DRAWINGS SHOW ONLY SPECIAL DETAILS OR REQUIREMENTS TO ASSIST THE CONTRACTOR AND DO NOT SHOW EVERY DETAIL.
- DETAILS SHOWN IN THESE DRAWINGS ARE TYPICAL AND WILL APPLY UNLESS OTHERWISE NOTED OR SHOWN. DETAILS OF CONSTRUCTION NOT FULLY SHOWN ARE TO BE OF THE SAME NATURE AS THOSE DRAWN FOR SIMILAR CONDITIONS.
- CONTRACTOR TO COORDINATE ALL OPERATIONS WITH ENGINEER, INCLUDING: SITE ACCESS, MATERIALS STORAGE AND STAGING, INTERRUPTION OF ELECTRICAL, MECHANICAL, FIRE-ALARM, LOW-VOLTAGE SERVICES AND TIMING OF NOISY OR DISRUPTIVE OPERATIONS. CONTRACTOR TO VERIFY SEQUENCE OF WORK WITH ENGINEER.
- ALL LUMBER OR PLYWOOD IN CONTACT WITH CONCRETE OR LUMBER INSTALLED AS NAILERS (EXCEPT PLYWOOD DECK OR CRICKETS) SHALL BE PRESSURE-TREATED WITH WATER-BORNE PRESERVATIVES.
- ALL WORK TO BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE CODES, LAWS AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION OVER THE WORK.

SCOPE OF WORK

- PROCURE AND INSTALL NEW PRE-ENGINEERED BUILDING (PEMB), COORDINATE SUBMITTAL OF PEMB TO THE CITY OF TACOMA AS A DEFERRED SUBMITTAL.
- PROCURE AND INSTALL TWO MODULAR TOILET ROOM BUILDINGS. COORDINATE SUBMITTAL OF THE TWO MODULARS WITH THE CITY OF TACOMA AS A DEFERRED PERMIT.
- PROCURE AND INSTALL TWO OFFICE MODULAR BUILDINGS. COORDINATE SUBMITTAL OF THE TWO MODULARS WITH THE CITY OF TACOMA AS A DEFERRED PERMIT.
- SITE PREPARATION AS SHOWN.

ABBREVIATIONS

A	ARCHITECT/ENGINEER	F	FLOOR CLEANOUT	N	NEW	S	SELF-ADHERED MEMBRANE
A/E	ANCHOR BOLT	FCO	FLOOR DRAIN	NA	NOT APPLICABLE	SAM	SPLASH BLOCK
AB	ABOVE	FD	FOIL FACED INSULATION	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	SB	SCHEDULE
ABV	ACCESSIBLE	FF INSUL	FOIL FACED SELF-ADHERED MEMBRANE	NIC	NOT IN CONTRACT	SCHED	SQUARE FOOT (FEET)
ACC	ACCESS DOOR	FFSAM	FINISH	NO	NUMBER	SFTWD	SOFTWOOD
ACS DR	ACCESS PANEL	FIN	FINISH FLOOR	NOM	NOMINAL	SHT MTL	SHEET METAL (FLASHING)
ACS PNL	ACOUSTICAL CEILING TILE	FIN FLR	FLOOR	NTS	NOT TO SCALE	SHTHG	SHEATHING
ACT	AMERICANS WITH DISABILITIES ACT	FM	FACTORY MUTUAL			SIM	SIMILAR
ADA	ABOVE FINISHED FLOOR	FPA	FALL PROTECTION ANCHOR	O	OVERALL	SKLT	SKYLIGHT
AFF	AIR HANDLING UNIT	FR	FIRE RESISTANT	OA	ON CENTER	SLNT	SEALANT
AHU	AIR INFILTRATION BARRIER	FRMNG	FRAMING	OC	OUTSIDE DIAMETER	SPEC	SPECIFICATION
AIB	ALTERNATE	FSTNR	FASTENER	OD	OVERFLOW DRAIN	SQ	SQUARE
ALT	ALUMINUM	FT	FEET	OFD	OPENING	SQ IN	SQUARE INCH
ALUM	ANODIZED	FTG	FOOTING	OPNG	OPPOSITE	SQ YD	SQUARE YARD
ANOD	APPROXIMATE	FV	FIELD VERIFY	OPP	OPAQUE	SSMR	STANDING SEAM METAL ROOF
APPROX	ARCHITECT			OPQ	OPERABLE	SST	STAINLESS STEEL
ARCH	ASSEMBLY	G	GALVANIZED	OPR	OVERFLOW ROOF DRAIN	STD	STANDARD
ASSY	AVERAGE	GALV	GRAB BAR	ORD	ORIGINAL	STRUCT	STRUCTURAL
AVG		GB	GLASS-FIBER-REINFORCED GYPSUM	ORIG		SUB FL	SUBFLOOR
		GFRG	GLAZING			SV	SHEET VINYL
B	BOARD	GLZ	GUTTER	P	PARAPET	SW	SIDEWALK
BD	BLOCKING	GTR	GYP BD	PAR	PATTERN		
BLDG	BOTTOM OF STEEL	GYP BD	GYPSUM BOARD	PAT	PERCENT	T	TONGUE & GROOVE
BLKG	BOTTOM	GYP PLAS	GYPSUM PLASTER	PCT	PERFORATED	T&G	TERRA COTTA
BOS	BUILDING PAPER	GWB	GYPSUM WALL BOARD	PERF	PERIMETER	TC	TRENCH DRAIN
BOT	BRACKET			PERIM	PHASE	TD	TEMPORARY
BP	BETWEEN	H	HIGH DENSITY POLYETHYLENE	PH	PROPERTY LINE	TEMP	TEMPORARY
BRKT	BUILT-UP ROOFING	HDPE	HARDWARE	PL	PLATE GLASS	TFF	TOP OF FINISH FLOOR
BTWN		HDW	HIGH EFFICIENCY PARTICULATE AIR (FILTER)	PL GL	PLASTIC LAMINATE	THK	THICKNESS
BUR		HEPA	HOLLOW METAL	PLAM	PLASTER	THRU	THROUGH
		HM	HORIZONTAL	PLAS	PLYWOOD	TMPD GL	TEMPERED GLASS
C	COUNTERFLASHING	HORIZ	HIGH TEMP SELF-ADHERED MEMBRANE	PLBG	POLYMETHYL METHACRYLATE FLASHING	TN	TRUE NORTH
CFLSH	CAST-IN-PLACE	HTSAM		PLYWD	PANEL	TOF	TOP OF FOOTING
CFMF	CONTROL JOINT			PMMA	PRECAST	TOM	TOP OF MASONRY
CIP	CENTER LINE	I	INTERNATIONAL BUILDING CODE	PNL	PREFINISHED	TOP	TOP OF PARAPET
CJ	CEILING	IBC	INSULATION	PRCST	PRESSURE TREATED	TOPO	TOPOGRAPHY
CL	CEILING HEIGHT	INSUL	INTERIOR	PREFIN	POLYVINYL CHLORIDE	TOS	TOP OF SLAB
CLG	COLOR	INT		PT		TOW	TOP OF WALL
CLG HT	CONCRETE MASONRY UNIT	K	KITCHEN	PVC		TRANS	TRANSOM
CLR	CLEANOUT	KIT	KICKPLATE			TRTD	TREATED
CMU	COLUMN	KPL		Q	QUANTITY	TYP	TYPICAL
CO	CONCRETE			QTY			
COL	CONTINUOUS	L	LAMINATE	R	RESILIENT BASE	U	UNLESS NOTED OTHERWISE
CONC	COORDINATE	LAM	LAVATORY	RB	REINFORCED BRICK MASONRY	V	VARIES
CONT	CENTER	LAV	LUMBER	RBM	RUBBER	VAR	VERIFY IN FIELD
COORD	CUBIC FEET	LBR	POUND	RBR	REFLECTED CEILING PLAN	VIF	VENT THROUGH ROOF
CTR		LBS	LINEAR FEET (FOOT)	RC	RECESSED	VTR	
CU FT		LF	LINEAR	RCP	REFERENCE	W	WITH
		LIN	LOUVER	RD	REMOVE	W/	WITHOUT
D	DOUBLE	LT		RDG INS	REPAIR	WO	WOOD
DBL	DEMOLISH	LVR		REC	REPLACE	WD	WATERPROOFING
DEMO	DETAIL	M	MATERIAL	REF	REQUIRED	WP	WEATHER RESISTIVE BARRIER
DET	DIAMETER	MATL	MAXIMUM	REM	RESTROOM	WRB	
DIA	DIRECTION	MECH	MECHANICAL	REPL	ROOFING		
DIR	DISTANCE	MEMB	MEMBRANE	REQD	ROOF HATCH		
DIST	DOWNSPOUT	MFR	MANUFACTURER	REST	ROOF LEADER		
DS		MID	MIDDLE	RFG	RAILING		
		MIN	MINIMUM	RH	ROOM		
E	EXISTING	MIRR	MIRROR	RL	ROUGH OPENING		
E	EACH	MISC	MISCELLANEOUS	RLG	ROLLING STEEL DOOR		
EA	EXPANSION JOINT	MOD	MODIFY	RM	ROOFTOP UNIT		
EJ	ELEVATOR	MB	MOISTURE BARRIER	RO	ROOF VENT		
ELEV	EXPANDED POLYSTYRENE	MTL	METAL	RSD			
EPS	EQUAL	MWP	METAL WALL PANEL	RTU			
EQ	EXISTING			RV			
EXIST	EXPOSED						
EXP	EXTERIOR						
EXT							

DRAWING LEGEND & SYMBOLS

	DEMOLITION KEYNOTE		GRIDLINE AND GRID MARK		DEMOLISH
	SHEET KEYNOTE		DETAIL MARK DRAWING NUMBER, SHEET NUMBER		(E) EXISTING WORK
	SUPPLEMENTAL KEYNOTE		ELEVATION/SECTION MARK DRAWING NUMBER, SHEET NUMBER		(N) NEW WORK
	ROOF/WALL ASSEMBLY		PROJECT NORTH DIRECTION		EXISTING WORK TO BE DEMOLISHED OR RELOCATED
	DOOR/WINDOW TAG		PHOTO REFERENCE PHOTO NUMBER, SHEET NUMBER		
	REVISION TAG		ELEVATION/LEVEL MARK		
	ROOM TAG ROOM NAME, OCCUPANCY ROOM NUMBER, ROOM AREA				

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PROJECT INFORMATION:

PROJECT NAME: EBC SILVERBACK TEMPORARY RELOCATION STRUCTURE

PROJECT ADDRESS: 407 E. ALEXANDER AVE
TACOMA, WA 98422

PARCEL NUMBER: 5000350013

LEGAL DESCRIPTION: Section 27 Township 21 Range 03 Quarter 13 PORT OF TACOMA ASSESSORS TRACTS & 227520-001-1 TR 1-B DESC AS B 1 ASHTONS RPT BLKS 13-48 TAC TLDS EXC FOLL BEG AT SE COR SD B 1 TH N 47 DEG 15 MIN W 887.14 FT TH N 42 DEG 45 MIN E 770 FT TO INT SLY LI OF ALEXANDER AVE EXT WLY TH S 47 DEG 15 MIN E 887.14 FT TH S 42 DEG 45 MIN 24 SEC W 770 FT TO POB ALSO EXC FOLL COM AT SE COR SD B 1 TH N 47 DEG 44 MIN 24 SEC E 910 FT TO NE COR SD B 1 TH N 47 DEG 15 MIN 36 SEC W 500 FT TH S 42 DEG 44 MIN 24 SEC W 910 FT TO INT WLY EXT OF NLY LI OF ALEXANDER AVE TH S 47 DEG 15 MIN 36 SEC E 500 FT TO POB EXC BLDG #580 & PIER 23 (IMP VALUE ONLY) ASSESSED AS 227520-001-2 OUT OF 001-2 SEG H-0668 JU 3/6/96JU.

PROJECT DESCRIPTION: CONSTRUCT A NEW, LOW-ENERGY PRE-ENGINEERED METAL BUILDING USED FOR THE FABRICATION AND MANUFACTURING OF MARINE VESSELS. SUPPLY AND INSTALL TWO MODULAR OFFICE BUILDINGS AND ONE MODULAR RESTROOM FACILITY.

JURISDICTION: CITY OF TACOMA
PLANNING AND DEVELOPMENT SERVICES
747 MARKET STREET, 3RD FLOOR
TACOMA, WA 98402
P. (253) 591-5030

BUILDING CODES: 2021 INTERNATIONAL BUILDING CODE WITH CITY OF TACOMA AMENDMENTS (IBC)
2021 WASHINGTON STATE BUILDING CODE
2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
2021 WASHINGTON STATE ENERGY CODE (WSEC); WAC 51-11C (COMMERCIAL)
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL FIRE CODE
2021 WASHINGTON STATE FIRE CODE
2021 UNIFORM PLUMBING CODE
2023 WASHINGTON ELECTRICAL CODE (NFPA 70)
TACOMA MUNICIPAL CODE, TITLES 2 AND 3

CONSTRUCTION TYPE: TYPE II-B

SQUARE FEET: 11,947 SQFT

OCCUPANCY: F-1, MODERATE-HAZARD FACTORY INDUSTRIAL

FIRE SPRINKLERS: NON-SPRINKLERED

DEFERRED SUBMITTALS & SEPARATE PERMITS:

- PRE-ENGINEERED METAL BUILDING ENGINEERING
- MANUFACTURED AND MODULAR STRUCTURES
- PERIMETER SITE FENCING

APPLICANT CONTACT INFORMATION:

OWNER: PORT OF TACOMA
ONE SITCUM PLAZA
TACOMA, WA 98421

ARCHITECT: OAI, PS
1001 SW KLUCKITAT WAY, SUITE 204
SEATTLE, WA 98134

ATTENTION: ELLY BULEGA, PE
P. (253) 428-8638
E. ebulega@portoftacoma.com

JERRY OSBORN | AIA, NCARB, LEED AP
P. (206) 631-8442
E. josborn@oaiips.com

JOE MULLER | AIA
P. (206) 227-0314
E. jmuller@oaiips.com

BUILDING CODE SUMMARY: PEMB

CHAPTER 3 - OCCUPANCY CLASSIFICATION AND USE:

306.2 - OCCUPANCY CLASSIFICATION:
F-1, MODERATE-HAZARD FACTORY INDUSTRIAL

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS:

502.1 - ADDRESS IDENTIFICATION:
BUILDING ADDRESS SIGNAGE TO BE POSTED ON THE EAST ELEVATION, ADDRESS NUMBERING TO BE COORDINATED WITH THE PORT OF TACOMA. ADDRESS CHARACTERS TO HAVE A MINIMUM HEIGHT OF 4" ON A CONTRASTING BACKGROUND.

504.3 - ALLOWABLE BUILDING HEIGHT:
PER TABLE 504.3 (F-1, NS, TYPE II-B) = 55'-0" HEIGHT ALLOWED.
PROPOSED BUILDING HEIGHT = 27'-6" (**COMPLIES**)

504.4 - ALLOWABLE NUMBER OF STORIES:
PER TABLE 504.4 (F-1, NS, TYPE II-B) = 2 STORIES ALLOWED.
PROPOSED NUMBER OF STORIES = 1 STORY (**COMPLIES**)

506.2 - ALLOWABLE BUILDING AREA:
PER TABLE 506.2 (F-1, NS, TYPE II-B) = 15,500 SQUARE FEET ALLOWED.
PROPOSED BUILDING AREA = 11,947 SQUARE FEET (**COMPLIES**)

519 - INCIDENTAL USES:
NOT APPLICABLE, NONE PROPOSED.

BUILDING CODE SUMMARY (CONTINUED):

CHAPTER 6 - TYPES OF CONSTRUCTION:

601 - REQUIRED FIRE RESISTANCE RATING FOR BUILDING ELEMENTS:
PER TABLE 601 (TYPE II-B)

	REQUIRED:	PROPOSED:
PRIMARY STRUCTURAL FRAME:	0 HOURS	0 HOURS
BEARING WALLS (INTERIOR & EXTERIOR):	0 HOURS	0 HOURS
NON-BEARING WALLS AND PARTITIONS:	0 HOURS	0 HOURS
FLOOR CONSTRUCTION:	0 HOURS	0 HOURS*
ROOF CONSTRUCTION & SECONDARY MEMBERS:	0 HOURS	0 HOURS

*FLOOR CONSISTS OF AN EXISTING CONCRETE SLAB ON GRADE.

602 - CONSTRUCTION CLASSIFICATION:
TYPE II-B, NON-COMBUSTIBLE BUILDING ELEMENT MATERIALS PER SECTION 602.2 (METAL BUILDING).

603 - COMBUSTIBLE MATERIALS ALLOWED IN TYPE I AND II CONSTRUCTION.
LIMITED TO THE ALLOWED MATERIALS LISTED IN SECTION 603.1.

603.1.2 - THERMAL INSULATION TO HAVE FLAME SPREAD INDEX OF NO MORE THAN 25.

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES:

705.3 - BUILDINGS ON THE SAME LOT:
WHERE A NEW BUILDING IS TO BE ERECTED ON THE SAME LOT AS AN EXISTING BUILDING, THE LOCATION OF THE ASSUMED IMAGINARY LINE WITH RELATION TO THE EXISTING BUILDING SHALL BE SUCH THAT THE EXTERIOR WALL AND OPENING PROTECTION OF THE EXISTING BUILDING MEET THE CRITERIA AS SET FORTH IN SECTIONS 705.5 AND 705.8.

705.5 - FIRE RESISTANCE RATINGS:
PER TABLE 705.5 (TYPE II-B, F-1), SEPARATION DISTANCE OF $10 \leq X < 30 = 0$ HOUR RATING REQUIRED.

A MINIMUM FIRE SEPARATION DISTANCE OF 20' WILL BE MAINTAINED FROM BUILDINGS ON THE LOT. EXISTING STRUCTURES INCLUDING AN ELECTRICAL EQUIPMENT SHED AND MODULAR OFFICE TRAILERS WILL BE DEMOLISHED OR RELOCATED TO MAINTAIN REQUIRED SEPARATION PRIOR TO OCCUPANCY, SEE SITE PLAN FOR ADDITIONAL DETAILS. RELOCATION AND DEMOLITION WORK TO BE COORDINATED BY THE PORT OF TACOMA UNDER A SEPARATE CONTRACT AND SEPARATE PERMIT.

705.8 - OPENINGS:
MAXIMUM AREA OF EXTERIOR WALL OPENINGS PER TABLE 705.8.
FIRE SEPARATION DISTANCE OF 20-25 FEET, UNPROTECTED, UNSPRINKLERED = 45% ALLOWED.

- PROPOSED EXTERIOR WALL AREA: 9,362 SQUARE FEET
- PROPOSED WALL OPENING AREA: 1,237 SQUARE FEET
- 1,237 SQFT / 9,362 SQFT = 13.2% (**COMPLIES**)

CHAPTER 9 - FIRE PROTECTION AND LIFE SAFETY SYSTEMS:

903 - AUTOMATIC SPRINKLER SYSTEMS:
PER 903.2.41, SPRINKLERS REQUIRED IF FIRE AREA EXCEEDS 12,000 SQUARE FEET IN F-1 OCCUPANCY.
PROPOSED FLOOR AREA = 11,947 SQUARE FEET. **11,947 SQFT < 12,000 SQFT = SPRINKLERS NOT REQUIRED.**

906 - PORTABLE FIRE EXTINGUISHERS:
PORTABLE FIRE EXTINGUISHERS REQUIRED IN F OCCUPANCY PER SECTION 906.1. ADDITIONAL PORTABLE FIRE EXTINGUISHERS REQUIRED PER TABLE 906.1 - MANUFACTURING ESTABLISHMENTS (IFC 5706.5.4.5).

TABLE 906.3(1) - ORDINARY (MODERATE) HAZARD OCCUPANCY = 1,500 SQFT PER UNIT OF "A".

- 2-A EXTINGUISHERS PROVIDED = 2 X 1,500 SQFT = 3,000 SQFT PER EXTINGUISHER.
- 11,947 SQUARE FEET TOTAL FLOOR AREA / 3,000 SQFT = 3.98 (**4 EXTINGUISHERS REQUIRED**).
- MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER = 75 FEET.

CHAPTER 9 - CONTINUED:

PORTABLE FIRE EXTINGUISHER LOCATIONS ARE INDICATED ON THE FLOOR PLAN ON SHEET A1.1.

907 - FIRE ALARM AND DETECTION SYSTEMS:
907.1.2 - FIRE ALARM SHOP DRAWINGS: SHOP DRAWINGS TO BE PREPARED IN ACCORDANCE WITH NFPA 72 AND SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

907.2.4 - WHERE REQUIRED (GROUP F OCCUPANCY): MANUAL FIRE ALARM REQUIRED IF TWO OR MORE STORIES IN HEIGHT, AND OCCUPANT LOAD GREATER THAN 500.

REFER TO ELECTRICAL DRAWINGS FOR FIRE ALARM SYSTEM DRAWINGS PER SECTION 907.1.2.

CHAPTER 10 - MEANS OF EGRESS:

1004 - OCCUPANT LOAD:
TABLE 1004.5 - AREAS WITHOUT FIXED SEATING: INDUSTRIAL AREAS, OCCUPANT LOAD FACTOR = 100 GROSS
11,947 SQFT GROSS FLOOR AREA / 100 OLF = 119.47 (**120 OCCUPANTS**)

1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS:
TABLE 1006.2.1: OCCUPANT LOAD EXCEEDS 49 = MORE THAN ONE EXIT REQUIRED (**7 PROVIDED**)

1017 - EXIT ACCESS TRAVEL DISTANCE:
TABLE 1017.2: F-1, NON SPRINKLERED = 200 FEET MAXIMUM TRAVEL DISTANCE (**COMPLIES**)

CHAPTER 29 - PLUMBING SYSTEMS:

2902 - MINIMUM PLUMBING FACILITIES:
TABLE 2902.1 - MINIMUM NUMBER OF FIXTURES: F-1 OCCUPANCY, 120 OCCUPANTS.

- WATER CLOSETS: 1 PER 100 = 2 REQUIRED
- LAVATORIES: 1 PER 100 = 2 REQUIRED

RESTROOM TRAILER INCLUDING THE MINIMUM NUMBER OF FIXTURES NOTED ABOVE TO BE INCLUDED UNDER THIS CONTRACT UNDER SEPARATE PERMIT AS A DEFERRED SUBMITTAL. SEE A1.0 FOR LOCATION.

2902.3.3 - LOCATION OF TOILET FACILITIES IN OCCUPANCIES OTHER THAN MALLS:
PATH OF TRAVEL SHALL NOT EXCEED A DISTANCE OF 500 FEET (**COMPLIES**).

ENERGY CODE SUMMARY (WSEC-C):

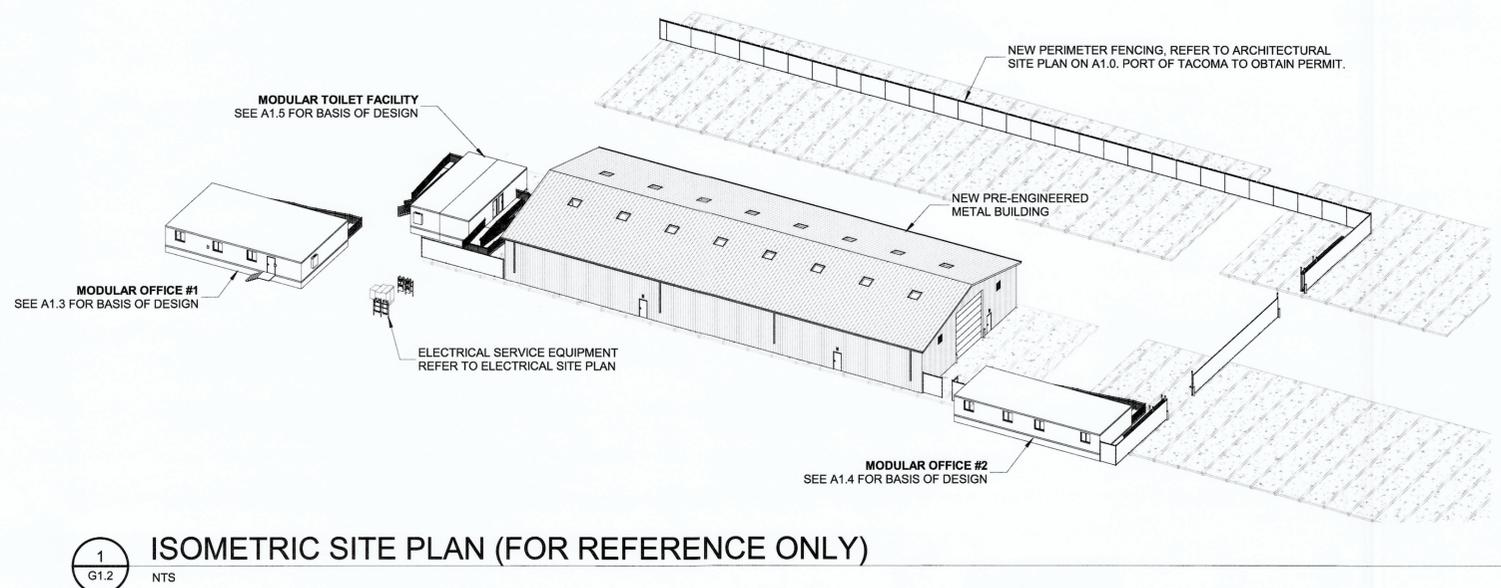
CHAPTER 4 (CEI) - COMMERCIAL ENERGY EFFICIENCY:

C402.1.1.1 - LOW ENERGY BUILDINGS:
THE FOLLOWING BUILDINGS, OR ENCLOSED PORTIONS THEREOF, SEPARATED FROM THE REMAINDER OF THE BUILDING BY BUILDING THERMAL ENVELOPE ASSEMBLIES COMPLYING WITH THIS CODE SHALL BE EXEMPT FROM ALL THERMAL ENVELOPE PROVISIONS OF THIS CODE

1. THOSE THAT ARE HEATED AND/OR COOLED WITH A PEAK DESIGN RATE OF ENERGY USAGE LESS THAN 3.4 BTU/H x FT² (10.7 W/M²) OR 1.0 WATT/FT² (10.7 W/M²) OF FLOOR AREA FOR SPACE CONDITIONING PURPOSES

HEATING SYSTEMS HAVE BEEN ENGINEERED TO MEET THE REQUIREMENTS FOR A LOW ENERGY BUILDING PER C402.1.1.1, REFER TO THE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. THE PROJECT IS EXEMPT FROM THERMAL ENVELOPE PROVISIONS OF SECTION C402.

C402.5 - AIR LEAKAGE (THERMAL ENVELOPE):
EXEMPT PER C402.1.1.1.



1
G1.2 NTS
ISOMETRIC SITE PLAN (FOR REFERENCE ONLY)

DATE: _____

APPR: _____

B.Y: _____

REVISION: _____

MARK: _____

03/10/2026

CHECKED BY: _____ DATE: _____

PROJ. ENGR: _____ DATE: _____

DIR. FOR ENG. DATE: _____

PRINTED BY: _____ J.M. _____

PORT ADDRESS: 401 E. ALEXANDER AVE, TACOMA, WA 98422

APPROVED: _____

6710
G1.2
3 OF 41

EBC SILVERBACK
TEMPORARY RELOCATION

CODE ANALYSIS

TOWNSHIP: 21 RANGE: 03 SECTION: 27

DAT-HRZ: WA83-SF VERT: _____

PARCEL: _____

CONTR/CONS: 000000292 TOWNSHIP: 21 RANGE: 03 SECTION: 27

M. ID: 101686.01 DAT-HRZ: WA83-SF VERT: _____

PHASE: BID SET

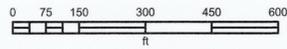
DRAWING SCALE: _____

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EBC OVERALL SITE PLAN



- KEYNOTES**
- ① PROPOSED PRE-ENGINEERED METAL BUILDING
 - ② PROPOSED 24' X 44' RESTROOM TRAILER
 - ③ PROPOSED 24' X 60' MOBILE OFFICE
 - ④ PROPOSED 36' X 56' MOBILE OFFICE
 - ⑤ PROPOSED SITE FENCING
 - ⑥ EXISTING FENCE TO REMAIN
- NOTE:** LOCATIONS SHOWN ARE APPROXIMATE. SEE ARCHITECTURAL SITE PLAN ON SHEET A1.0 FOR ADDITIONAL INFORMATION.



PROJECT NORTH
 * This map is not suitable for site-specific analysis or for utility location *
 See full disclaimer below:
<http://geohub.cityoftacoma.org/pages/disclaimer>

1
 G1.3
ZONING SITE PLAN
 1" = 200'-0"



IOAI ARCHITECTURE + PLANNING
 1001 SW KLUCKITAT WAY, STE. 204
 SEATTLE, WA 98134 | (206) 631-8442
 MARK: REVISION: B Y: APPR: DATE:

REGISTERED ARCHITECT
 JERRY D. OSBORN
 STATE OF WASHINGTON

CHECKED BY	DATE
PROJ. ENGR	DATE
DIRECTOR ENGR.	DATE
PRINTED BY:	JUM
PORT ADDRESS:	401 E. ALEXANDER AVE TACOMA, WA 98422

APPROVED:	
EBC SILVERBACK TEMPORARY RELOCATION	
SITE PLAN	
TOWNSHIP: 21	SECTION: 27
RANGE: 03	DATE: 03
DAT-HRZ: WA83-SF	VERT:
PARCEL:	DRAWING SCALE: 1" = 200'-0"

6710
G1.3
 4 OF 41
 CONT/CONS: 00000092
 M. ID: 101686.01
 PHASE: BID SET

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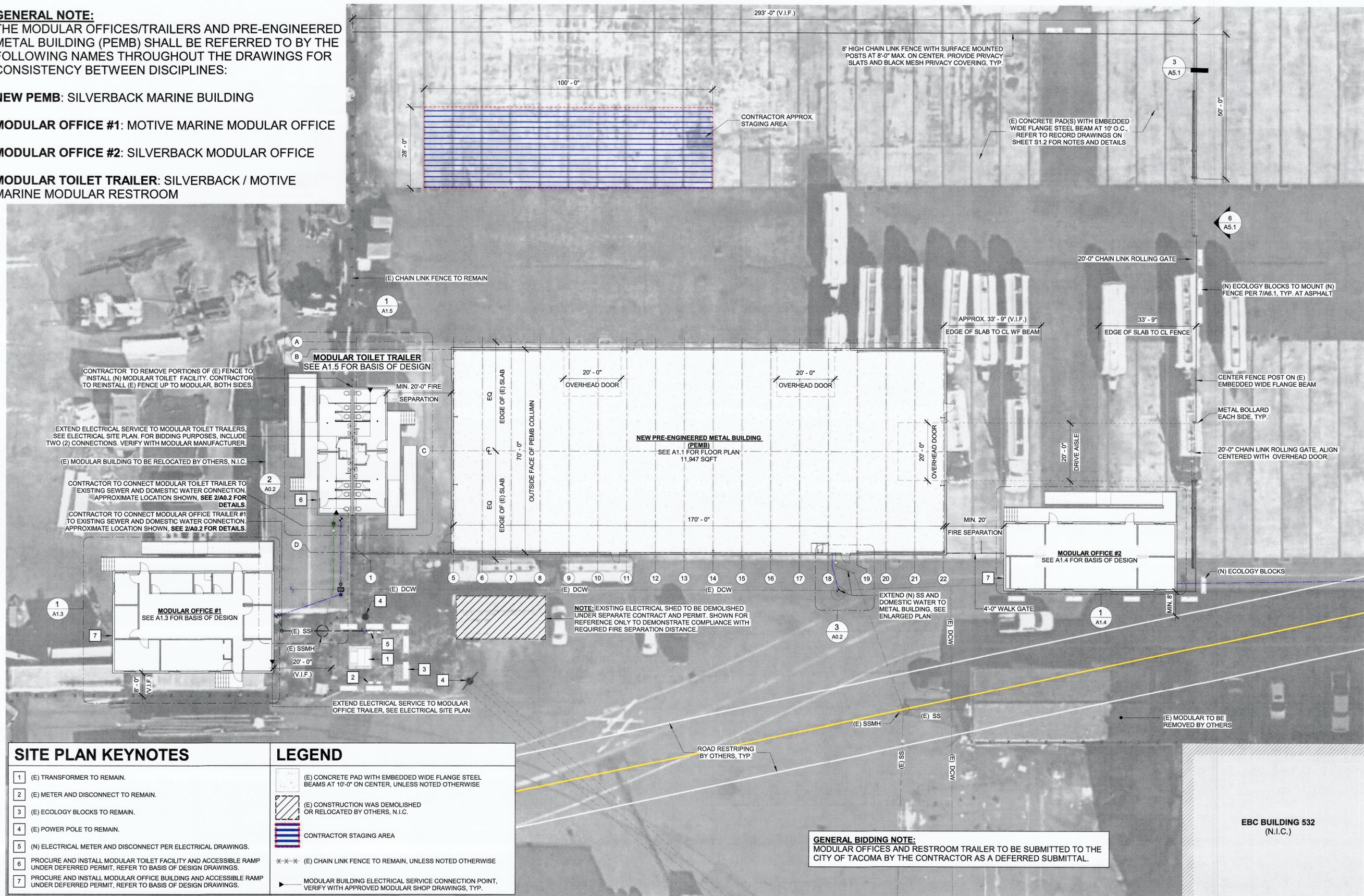
GENERAL NOTE:
THE MODULAR OFFICES/TRAILERS AND PRE-ENGINEERED METAL BUILDING (PEMB) SHALL BE REFERRED TO BY THE FOLLOWING NAMES THROUGHOUT THE DRAWINGS FOR CONSISTENCY BETWEEN DISCIPLINES:

NEW PEMB: SILVERBACK MARINE BUILDING

MODULAR OFFICE #1: MOTIVE MARINE MODULAR OFFICE

MODULAR OFFICE #2: SILVERBACK MODULAR OFFICE

MODULAR TOILET TRAILER: SILVERBACK / MOTIVE MARINE MODULAR RESTROOM



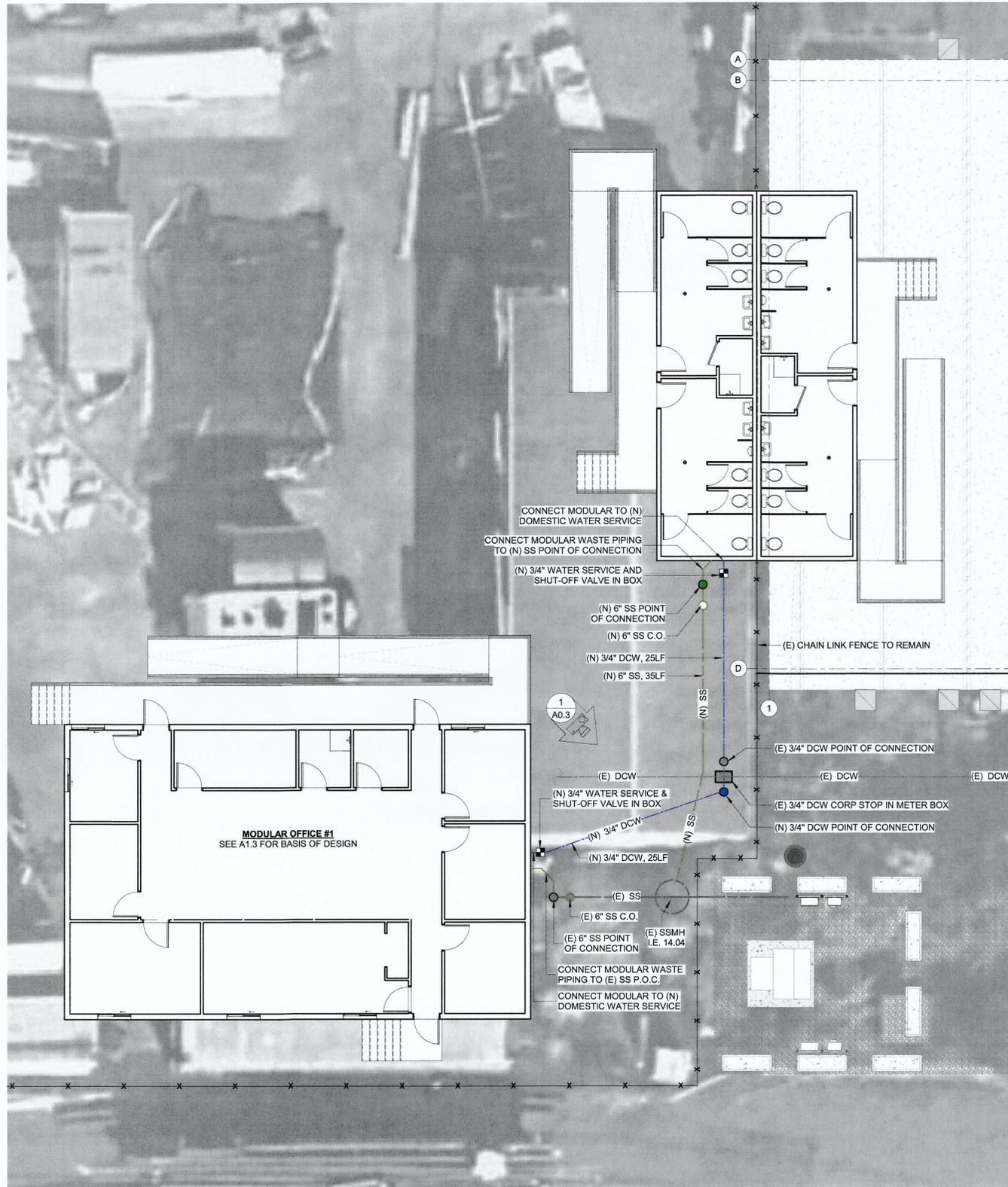
SITE PLAN KEYNOTES	
1	(E) TRANSFORMER TO REMAIN.
2	(E) METER AND DISCONNECT TO REMAIN.
3	(E) ECOLOGY BLOCKS TO REMAIN.
4	(E) POWER POLE TO REMAIN.
5	(N) ELECTRICAL METER AND DISCONNECT PER ELECTRICAL DRAWINGS.
6	PROCURE AND INSTALL MODULAR TOILET FACILITY AND ACCESSIBLE RAMP UNDER DEFERRED PERMIT, REFER TO BASIS OF DESIGN DRAWINGS.
7	PROCURE AND INSTALL MODULAR OFFICE BUILDING AND ACCESSIBLE RAMP UNDER DEFERRED PERMIT, REFER TO BASIS OF DESIGN DRAWINGS.

LEGEND	
	(E) CONCRETE PAD WITH EMBEDDED WIDE FLANGE STEEL BEAMS AT 10'-0" ON CENTER, UNLESS NOTED OTHERWISE
	(E) CONSTRUCTION WAS DEMOLISHED OR RELOCATED BY OTHERS, N.I.C.
	CONTRACTOR STAGING AREA
	--- (E) CHAIN LINK FENCE TO REMAIN, UNLESS NOTED OTHERWISE
	MODULAR BUILDING ELECTRICAL SERVICE CONNECTION POINT, VERIFY WITH APPROVED MODULAR SHOP DRAWINGS, TYP.

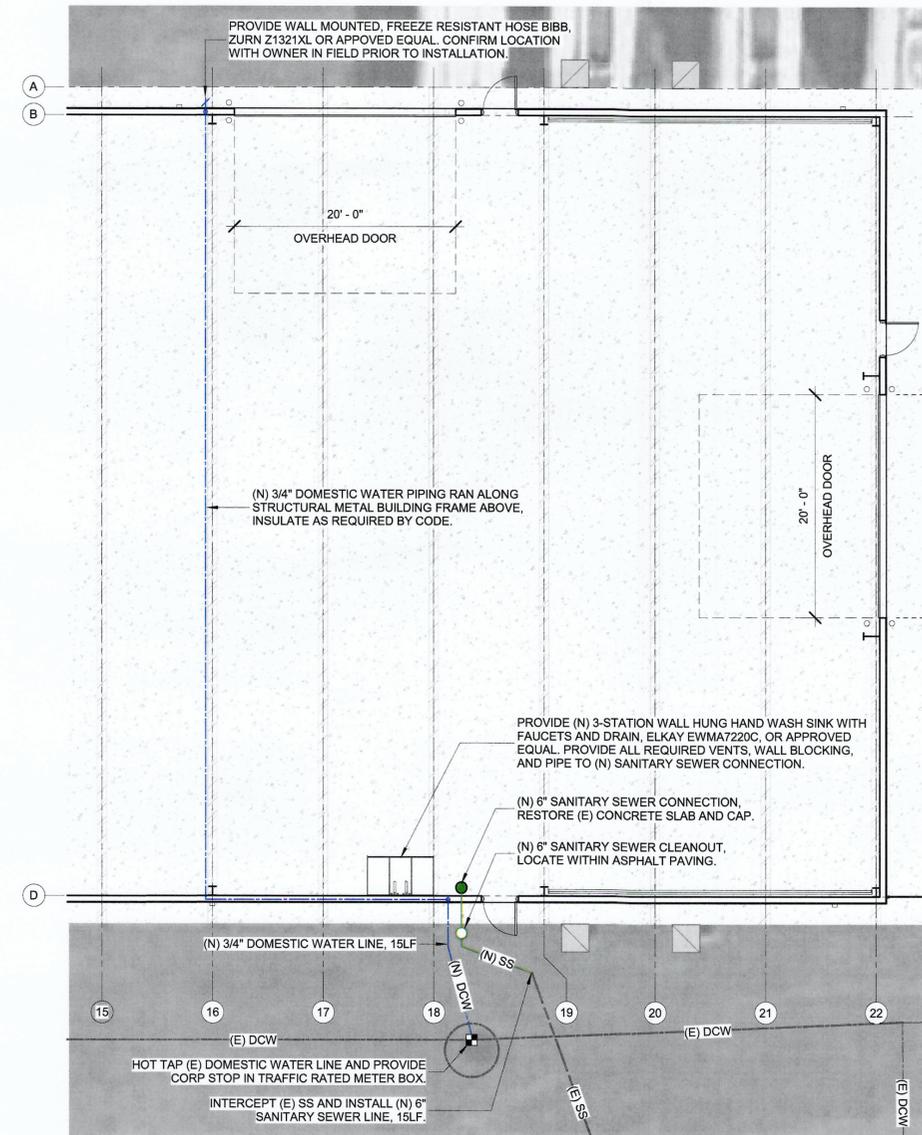
GENERAL BIDDING NOTE:
MODULAR OFFICES AND RESTROOM TRAILER TO BE SUBMITTED TO THE CITY OF TACOMA BY THE CONTRACTOR AS A DEFERRED SUBMITTAL.

1 ARCHITECTURAL SITE PLAN
A0.1 1/16" = 1'-0"

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2
A0.2
ENLARGED UTILITY CONNECTIONS - WEST
1/8" = 1'-0"



3
A0.2
ENLARGED UTILITY CONNECTIONS - PEMB
1/8" = 1'-0"



UTILITY CONNECTION GENERAL NOTES

1. PREPARE WORK PLAN AND SUBMITTAL PACKAGE FOR ENGINEER REVIEW PRIOR TO PROCUREMENT AND INSTALLATION OF ALL NEW UTILITY CONNECTIONS.
2. EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE, VERIFY IN FIELD. CONTRACTOR SHALL OBTAIN A PRIVATE LOCATE SERVICE TO IDENTIFY EXISTING UTILITIES SHOWN.
3. PATCH AND REPAIR ALL IMPACTED CONCRETE AND ASPHALT PAVING SURFACES.
4. CONTRACTOR TO OBTAIN ALL REQUIRED TRADE PERMITS REQUIRED FOR NEW CONNECTIONS.
5. ALL EXCAVATED SOILS TO REMAIN ON SITE, COORDINATE LOCATION WITH PORT ENGINEER.



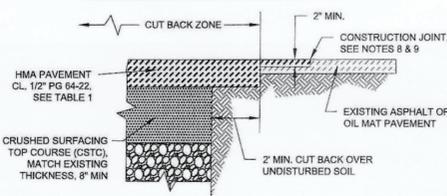
 Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401 (206)335-9441	ARCHITECTURE + PLANNING 1001 SW KLUCKITAT WAY, STE. 204 SEATTLE, WA 98134 (206) 631-8442	MARK: _____ REVISION: _____ B.Y: _____ APPR: _____ DATE: _____
	 REGISTERED ARCHITECT JERRY D. OSBORN STATE OF WASHINGTON 8273	CHECKED BY: _____ DATE: 03/10/2026 PROJECT ENG. DATE: _____ PRINTED BY: _____ PORT ADDRESS: 401 E. ALEXANDER AVE TACOMA, WA 98422
EBC SILVERBACK TEMPORARY RELOCATION		
A0.2 6 OF 41 ENLARGED UTILITY CONNECTIONS SECTION: 27 DRAWING SCALE: 1/8" = 1'-0"		
THIS DRAWING IS THE PROPERTY OF THE PORT OF TACOMA AND SHALL NOT BE USED ON OTHER WORK, DISCLOSED, COPIED, IN WHOLE OR IN PART, WITHOUT WRITTEN PERMISSION		

NOTES

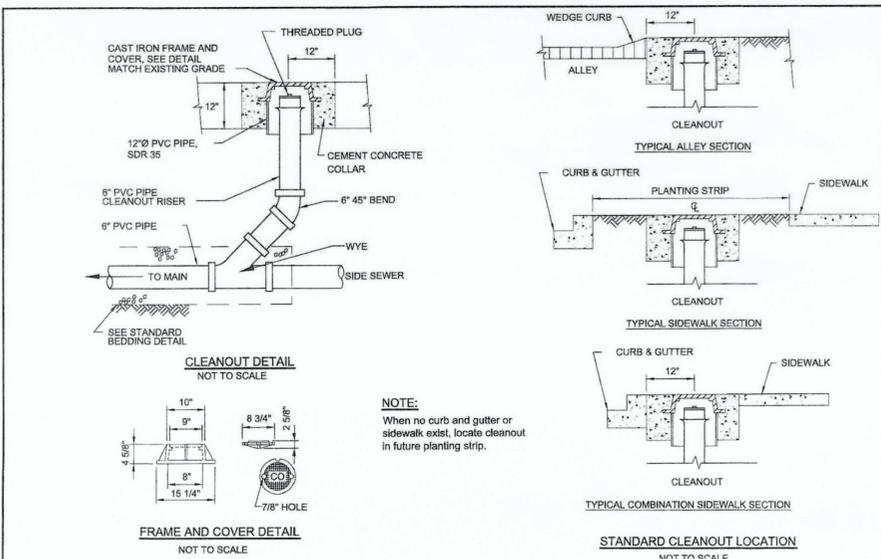
- All pavement restoration work shall also meet the requirements of the City of Tacoma's Right of Way Restoration Policy. See Standard Plan SU-15B for any streets exempt from this policy.
- Temporary Surface Restoration: Arterials, industrial areas and/or roads with bus traffic: Temporary patches shall be compacted and leveled to a minimum of 3-inches of hot-mix asphalt (HMA). Residential and alleys: Temporary patches shall be compacted and leveled to a minimum of 2-inches of either HMA or cold-mix asphalt. Temporary patches between October 1st and March 31st shall be made with HMA unless otherwise approved.
- All permanent final patches shall be rectangular in shape and constructed parallel and perpendicular to the road centerline.
- Where existing pavement defects are in close proximity to the new cut, the inspector may require additional pavement removal to eliminate the pavement defect.
- The final cut edge of paved surfaces shall be smooth and straight, consistent with grinding or saw cutting devices. No jagged, broken or undermined edges are allowed. Cutting wheel run-out beyond the limits of the opening shall be filled in accordance with WSDOT Standard Specification 5-05.3(8) for cement concrete surfaces and 5-04.3(5)C for asphalt concrete surfaces.
- Final compaction of HMA shall be 91% of maximum density. Isolated patches: Minimum 1 test per patch up to 150 square feet, and 1 test required every additional 300 square feet, thereafter. Trench patches: 1 test every 150 linear feet of trench with a minimum of 2 tests per trench. Testing shall be performed by a certified independent testing laboratory or certified tester, as approved by the City's Construction Division. Tests shall be completed and reports identifying the project number submitted to the City Construction Division within 48 hours of test.
- All joints between the new and original asphalt pavement shall be sealed with hot asphalt or asphalt emulsion and trenched with dry paving sand before the asphalt solidifies. Existing surfaces shall be prepared in accordance with WSDOT Standard Specification 5-04.3(5)A prior to placing any new pavement surfaces.
- Longitudinal construction joints shall only be located at the center or edge of affected lanes. Streets and courts 20 feet or less in width and all alleys are considered one-lane streets. Non-arterial streets and courts greater than 20 feet in width with no traffic channelization are considered two-lane streets with one-lane either side of the centerline of the street. Non-arterial streets greater than 32 feet in width with no traffic channelization may be considered three-lane streets upon prior approval from the City Engineer.
- Transverse construction joints terminate at the edge of the 2' cut back.
- HMA pavement shall not be placed over CDF until approved by the City.

**TABLE 1
PAVEMENT REPLACEMENT DEPTH
IN CUT BACK ZONE**

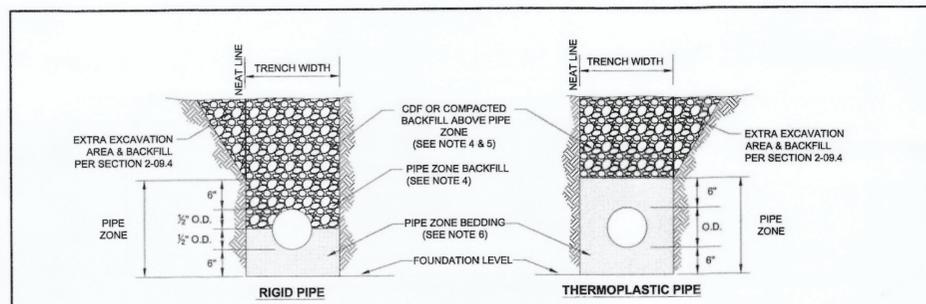
	MIN.	MAX.
ARTERIALS, INDUSTRIAL AREAS & ROADS WITH BUS TRAFFIC	MATCH EXISTING +1" OR 4", WHICHEVER IS GREATER	6"
RESIDENTIALS AND ALLEYS	MATCH EXISTING +1" OR 3", WHICHEVER IS GREATER	4"



CITY OF TACOMA DEPARTMENT OF PUBLIC WORKS	APPROVED FOR PUBLICATION <i>Jana Parney</i> 12 Jun 2009 CITY ENGINEER DATE	TYPICAL PAVEMENT RESTORATION FOR ASPHALT CONCRETE/OIL MAT PAVEMENT STANDARD PLAN NO. SU-15A
--	--	--

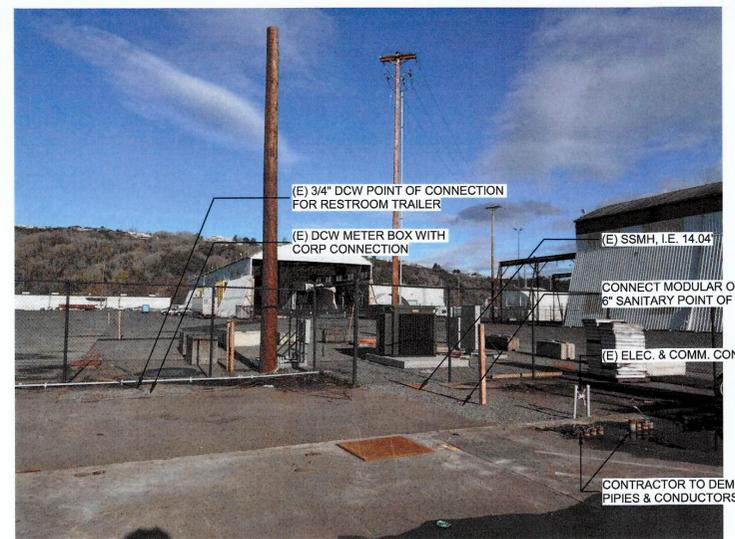


CITY OF TACOMA DEPARTMENT OF PUBLIC WORKS	APPROVED FOR PUBLICATION <i>Jana Parney</i> 12 Jun 2009 CITY ENGINEER DATE	SIDE SEWER CLEANOUT AND COVER DETAIL STANDARD PLAN NO. SU-24
--	--	---



- NOTES:**
- Provide uniform support under barrel and provide pockets in bedding for pipe bells.
 - Hand tamp under haunches.
 - Trench width shall be as specified in Section 2-09.4 of the WSDOT Standard Specifications.
 - Pipe zone backfill and backfill above pipe zone shall meet the material requirements of WSDOT Standard Specification Section 9-03.12(2) for gravel backfill for walls.
 - All trenches shall be compacted in accordance with SU-28.
 - Pipe zone bedding shall meet the material requirements of WSDOT Standard Specification Section 9-03.9(3) for crushed surfacing top course.

DCS PUBLIC WORKS TACOMA POWER	REVIEWED BY GMS ENVIRONMENTAL SERVICES TACOMA WATER	APPROVED FOR PUBLICATION <i>[Signature]</i> 8/11/16 CITY ENGINEER DATE	CITY OF TACOMA PIPE ZONE BEDDING AND BACKFILL FOR SANITARY AND STORM SEWERS STANDARD PLAN NO. SU-16
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(E) SITE UTILITY CONNECTIONS
1 A0.3 NTS

PLASTIC COVERING NOTES

- PLASTIC SHEETING SHALL HAVE A MINIMUM THICKNESS OF 6 MILS AND SHALL MEET THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
- COVERING SHALL BE INSTALLED AND MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR TIRES ON ROPES WITH A MAXIMUM 10-FOOT GRID SPACING IN ALL DIRECTIONS. ALL SEAMS SHALL BE TAPED OR WEIGHTED WITH A MAXIMUM 12-INCH OVERLAP OF ALL SEAMS.
- CLEAR PLASTIC COVERING SHALL BE INSTALLED IMMEDIATELY ON AREAS SEDED BETWEEN NOVEMBER 1 AND MARCH 31 AND REMAIN UNTIL VEGETATION IS FIRMLY ESTABLISHED.
- WHEN THE COVERING IS USED ON UN-SEEDED SLOPES, IT SHALL BE KEPT IN PLACE UNTIL THE NEXT SEEDING PERIOD.
- PLASTIC COVERING SHEETS SHALL BE BURIED TWO FEET AT THE TOP OF SLOPES IN ORDER TO PREVENT SURFACE WATER FLOW BENEATH SHEETS.
- PROPER MAINTENANCE INCLUDES REGULAR CHECKS FOR RIPS AND DISLODGED ENDS.

STOCKPILE NOTES

- PLACE STOCKPILES ON LAYERED PLASTIC SHEETS WITH A COMBINED THICKNESS OF NO LESS THAN 10 MIL.
- STOCKPILES SHALL BE STABILIZED (WITH PLASTIC COVERING OR OTHER APPROVED DEVICE) DAILY.
- IN ANY SEASON, SEDIMENT LEACHING FROM STOCK PILES MUST BE PREVENTED.
- TOPSOIL SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET OR WHEN CONDITIONS EXIST THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR PREVENT PROPER SODDING OR SEEDING.
- PREVIOUSLY ESTABLISHED GRADES ON THE AREAS TO BE TOPSOILED SHALL BE MAINTAINED ACCORDING TO THE APPROVED PLAN.

POLLUTION PREVENTION NOTES

- EQUIPMENT LUBRICATION AND FUELING OPERATIONS SHALL OCCUR AT THE DESIGNATED FUELING AREA OR AN APPROVED OFF-SITE LOCATION.
- PREVENT OILS AND FUELS FROM ENTERING THE STORM DRAINAGE SYSTEM AND WATERWAYS WITH PROPER CONTAINMENT DEVICE.
- ACCESS TO CONSTRUCTION SITE AND/OR EXISTING PAVED STREETS OF THE PROPOSED CONSTRUCTION ENTRANCE SHALL BE KEPT FROM TRACKING DAILY OR AS NEEDED. THE INTENT IS TO PROHIBIT DEBRIS FROM VEHICLES AND EQUIPMENT FROM BEING DEPOSITED ON PUBLIC STREET PAVEMENT.
- EROSION CONTROL PROCEDURES SHALL BE POSTED ON-SITE. IN CASE OF A SPILL THAT MAY ENTER GROUNDWATER, SURFACE WATER, OR STORM DRAIN SYSTEM, CONTACT THE EMERGENCY MANAGEMENT AT (800) 582-3828. SPILLS SHALL BE CLEANED UP IMMEDIATELY AND CONTAMINATED MATERIAL REMOVED PROPERLY. THE CONTRACTOR SHALL PREVENT ALL MATERIAL USED OR GENERATED ON-SITE FROM ENTERING THE STORM DRAINAGE SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE SEDIMENT AND EROSION CONTROL BMPS AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ONGOING MAINTENANCE OF BMPS FOR THE DURATION OF THE PROJECT AND SHALL TAKE ALL NECESSARY POLLUTION PREVENTION MEASURES THROUGHOUT ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL ATTEND A MINIMUM OF TWO (2) MEETINGS PRIOR TO THE START OF CONSTRUCTION. DOCUMENT CONTROL PROCEDURES SHALL BE POSTED ON-SITE. THE CONTRACTOR SHALL SUBMIT DOCUMENTATION SUPPORTING THE CURRENT CERTIFICATION OF THE PERSONS RESPONSIBLE FOR THE FIELD INSPECTIONS AND IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN. DOCUMENT SHALL INCLUDE THE FOLLOWING INFORMATION: NAME, CONTACT NUMBER, AND CERTIFICATION NUMBER.
- THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A SAMPLE OF THE SITE LOG BOOK TO BE USED ON THE PROJECT TO DOCUMENT DAILY EROSION CONTROL INSPECTION, OBSERVATION, INCIDENT, AND CORRECTION REPORTS. A COPY OF THE APPROVED SITE LOG BOOK SHALL BE MAINTAINED INSIDE THE LOG BOOK BOX ON SITE AT ALL TIMES.
- THE CONTRACTOR SHALL COMPLETE AN EROSION CONTROL CHECKLIST (CHECKLIST REVIEW, AND RE-INSPECTION) AT A MINIMUM DURING EROSION AND SEDIMENT BMPS INSTALLATION, DEMOLITION, AND POST-CONSTRUCTION CONDITIONS. STORE SITE LOG BOOK AND OTHER CHECKLIST FORMS INSIDE SITE LOG BOX.
- THE CONTRACTOR SHALL MAINTAIN THE INFORMATION AND ENTRY IN THE SITE LOG BOOK (MAINTAINED INSIDE THE LOG BOX) UNTIL THE CONSTRUCTION HAS BEEN ACCEPTED BY THE CITY, OWNER, ENGINEER, AND OTHER MUNICIPAL AGENCIES.
- UPON COMPLETING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A COPY OF ALL FIELD INSPECTION, OBSERVATION, INCIDENT, AND CORRECTION REPORTS TO THE OWNER AND ENGINEER.

EXCAVATION NOTES

- EXCAVATE TO ELEVATIONS, LINES, AND GRADES INDICATED TO NOT MORE THAN 1/2" ABOVE OR BELOW THAT REQUIRED.
- SLOPE SIDES OF EXCAVATION AS INDICATED OR COMPLY WITH LOCAL CODES AND ORDINANCES HAVING JURISDICTION. WHERE CODES ARE MORE STRINGENT, SLOPE AND BRACE.
- STOCKPILE SATISFACTORY EXCAVATED MATERIALS UNTIL REQUIRED FOR BACKFILL OR FILL. PLACE, GRADE AND SHAPE STOCKPILES FOR PROPER DRAINAGE. LOCATE AND RETAIN SOIL MATERIALS AWAY FROM EDGE OF EXCAVATIONS.
- DISPOSE OF EXCESS SOIL AND UNSUITABLE SOIL MATERIAL OFF-SITE AS DIRECTED

UTILITY NOTES

- DETECTABLE MARKING TAPE SHALL BE INSTALLED ALONG THE FULL LENGTH OF EACH PROPOSED UTILITY. DETECTION TAPE SHALL BE 6-INCH WIDTH (MINIMUM), CONTAIN A 0.35 MIL SOLID ALUMINUM CORE, BE A MINIMUM OF 3.0 MIL OVERALL THICKNESS, AND BE SUITABLE FOR UTILITY BURIAL. THE TAPE SHALL BE COLOR-CODED ACCORDING TO AWWA AND CONSISTENTLY IMPRINTED WITH THE TYPE OF UTILITY FOR EACH UTILITY SHOWN.
- ADJUST RIM OF ALL EXISTING UTILITIES WITHIN DISTURBED AREAS TO MATCH FINISH GRADE.
- ABANDONED / ABANDONING UTILITIES SHALL BE REMOVED WHERE IN CONFLICT WITH NEW CONSTRUCTION. IF NOT IN CONFLICT WITH NEW CONSTRUCTION, UTILITIES MAY BE ABANDONED IN PLACE, AS APPROVED BY THE OWNER, IF THE FOLLOWING IS PROVIDED:
 - UTILITY IS GREATER THAN 3.5 FEET FROM TOP OF FINISH GRADE; AND
 - PIPE 36" DIAMETER & BELOW FILLED WITH LOW STRENGTH LEAN CONCRETE (CLF) AND CAPPED AT ENDS (TO PREVENT FUTURE DAMAGE/SETTLEMENT). COMPLY WITH WSDOT STANDARD SPECIFICATION 7-08.7, 2023 ED.; AND
 - AS-BUILT MEASUREMENTS ARE TAKEN TO DETERMINE THE KNOWN TYPE, SIZE AND EXTENT OF THE ABANDONED UTILITY AND RECORDED ON THE RECORD DRAWINGS.

811 Know what's below. Call before you dig.	6710	A0.3	OF 41	7	PHASE: BID SET
	CONT/CONS: 000000292	M. ID: 101686.01	TOWNSHIP: 21	RANGE: 03	SECTION: 27
ARCHITECTURE + PLANNING IOAI	REGISTERED ARCHITECT <i>[Signature]</i> LEROY D. OSBORN STATE OF WASHINGTON	REVISION: 1	BY: [Signature]	DATE: [Signature]	DATE: [Signature]
CITY OF TACOMA DEPARTMENT OF PUBLIC WORKS	APPROVED FOR PUBLICATION <i>Jana Parney</i> 12 Jun 2009 CITY ENGINEER DATE	EBC SILVERBACK TEMPORARY RELOCATION SITE DETAILS	DRAWING SCALE: As indicated	TACOMA, WA 98422	PORT ADDRESS: 401 E. ALEXANDER AVE

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GENERAL NOTES

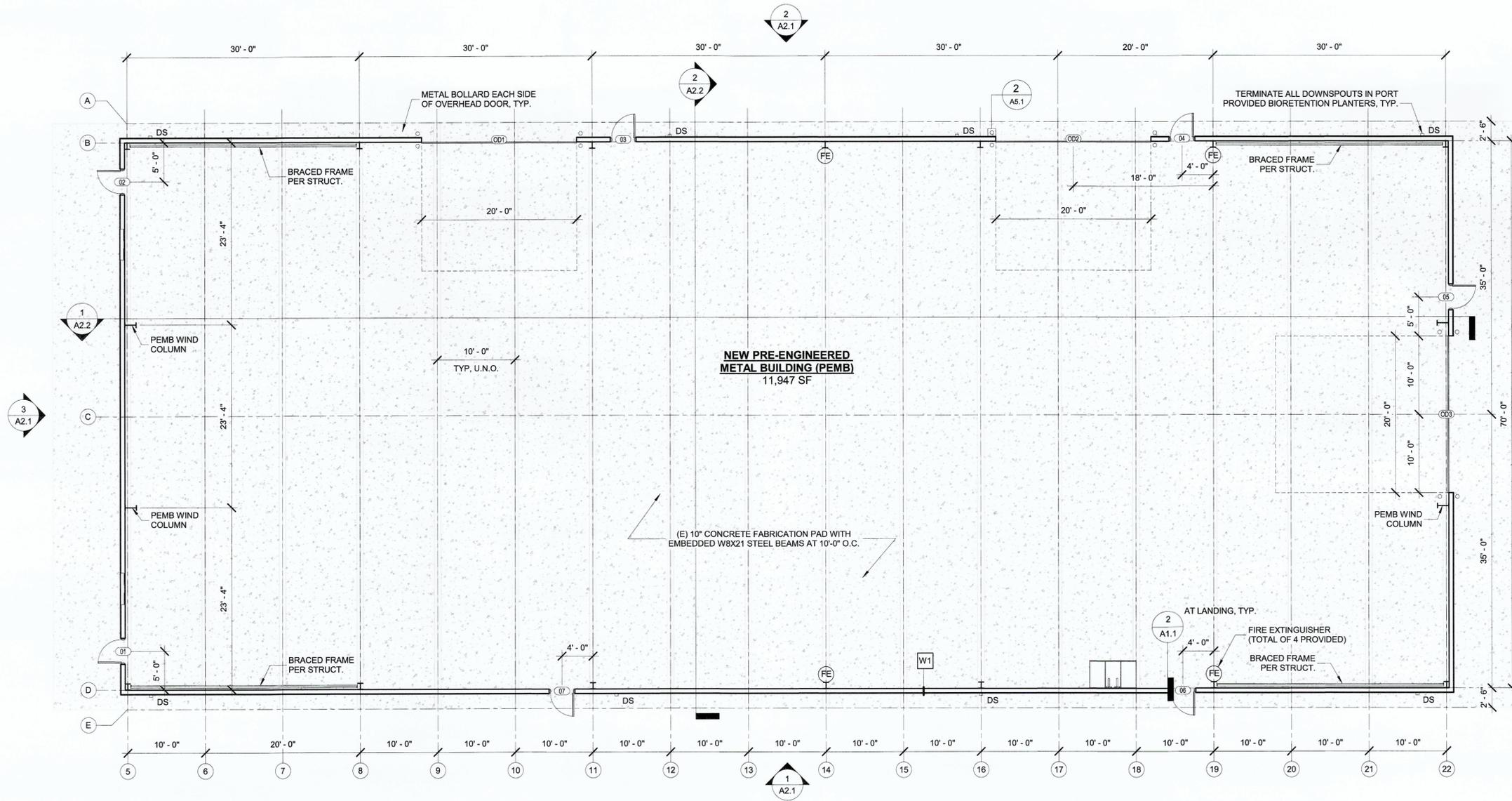
- A. STRUCTURAL FRAMING AND CONNECTION DETAILS TO BE DESIGNED BY THE PRE-ENGINEERED METAL BUILDING MANUFACTURER. REFER TO STRUCTURAL DRAWINGS FOR DESIGN LOADS.
- B. CONTRACTOR IS RESPONSIBLE FOR SUBMISSION OF ALL DEFERRED SUBMITTALS TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL.
- C. COORDINATE AND VERIFY ALL DIMENSIONS WITH THE APPROVED PRE-ENGINEERED METAL BUILDING (PEMB) SHOP DRAWINGS.
- D. PROVIDE SHEET METAL TRIM AT PERIMETER OF ALL EXTERIOR OPENINGS. STANDARD BASE, CORNER, AND J-TRIM PROFILES TO BE PROVIDED BY THE PEMB MANUFACTURER. INCLUDE ALL CLOSURES FOR A COMPLETE AND WEATHERTIGHT INSTALL.
- E. REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR ITEMS NOT SHOWN THIS SHEET INCLUDING BUT NOT LIMITED TO FIXTURES, POWER RECEPTACLES SWITCHES, ELECTRICAL EQUIPMENT, AND THE LIKE.
- F. CONTRACTOR SHALL PROVIDE ALL BACKING AND FRAMING SUPPORTS AS NEEDED TO MOUNT AND INSTALL FIXTURES AND EQUIPMENT.



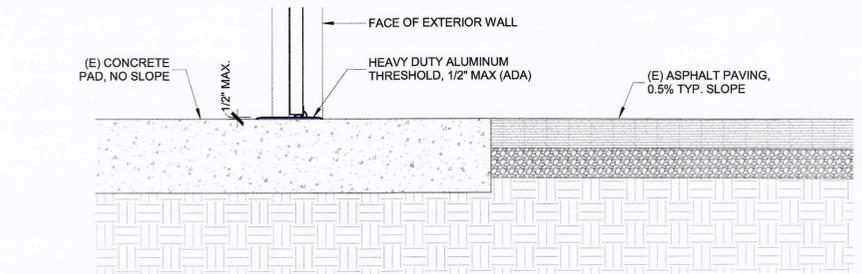
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03/10/2026	
APPROVED:	
DIRECTOR ENGR.	DATE
JIM	
PRINTED BY:	
PORT ADDRESS:	
401 E. ALEXANDER AVE	
TACOMA, WA 98422	

EBC SILVERBACK	
TEMPORARY RELOCATION	
METAL BUILDING FLOOR PLAN	
SECTION: 27	
RANGE: 03	
TOWNSHIP: 21	
DATE: WA83-SF	
PARCEL:	
DRAWING SCALE:	As indicated
6710	
A1.1	
8 OF 41	
CONT/CONS:	000000292
M. ID:	101686.01
PHASE:	BID SET

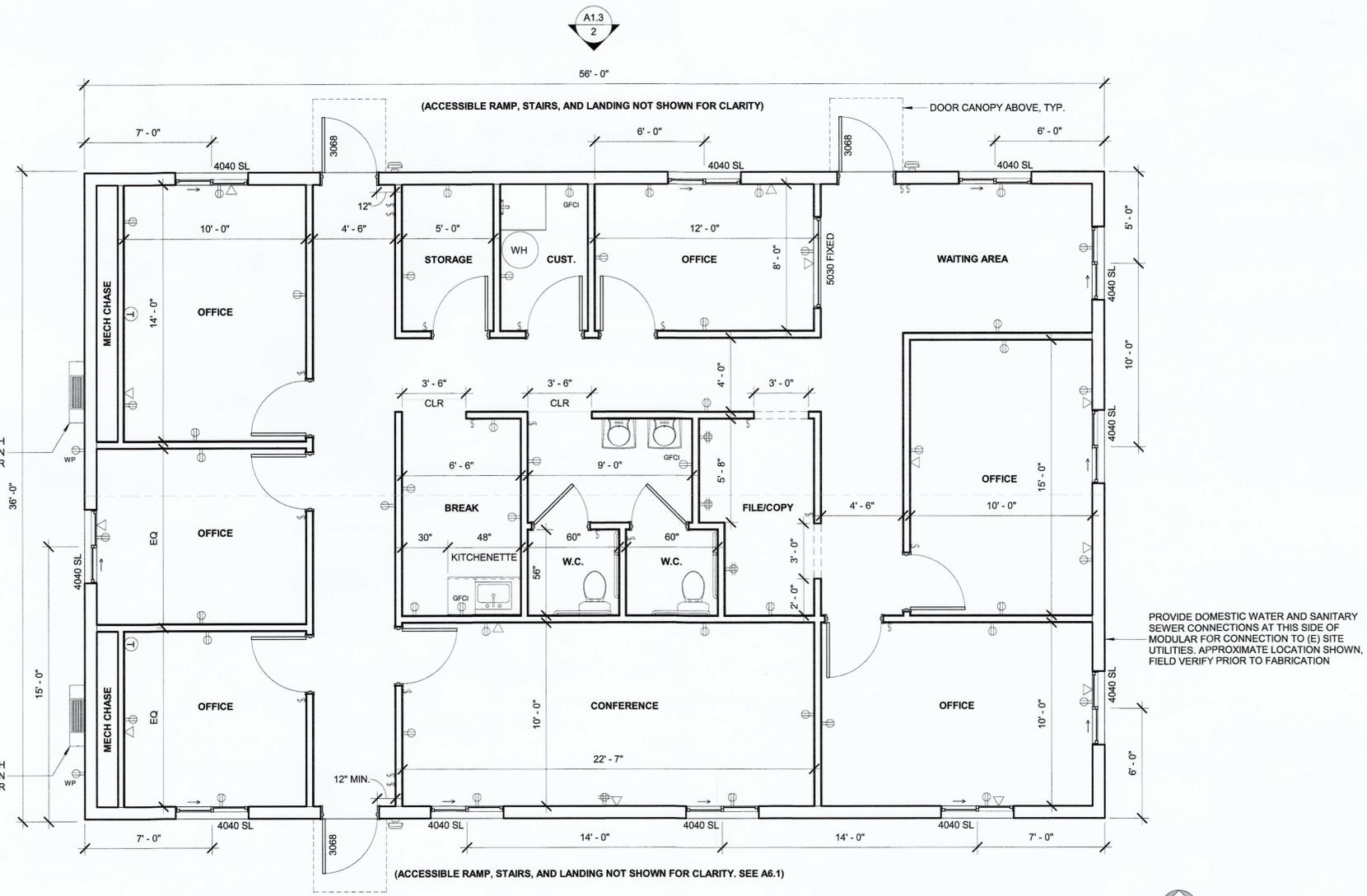
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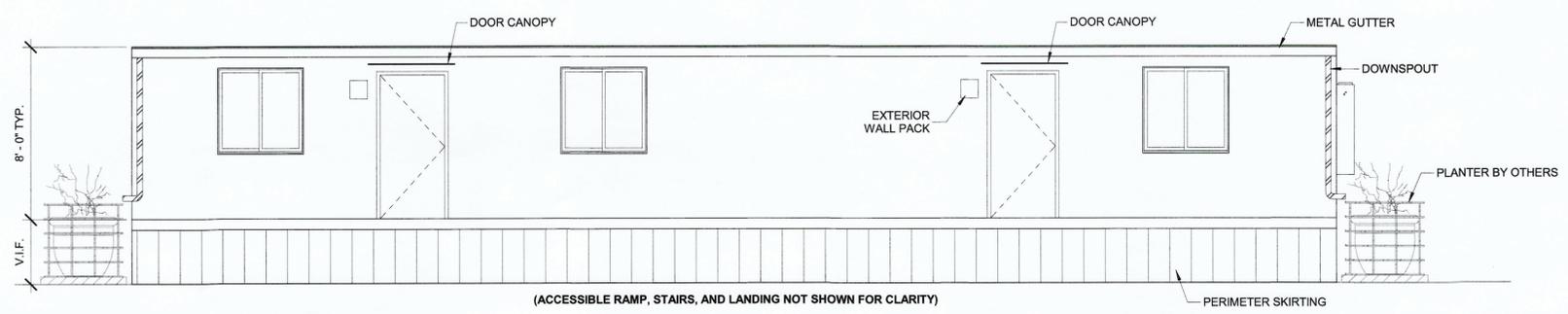
1 METAL BUILDING FLOOR PLAN
1/8" = 1'-0"



2 TYPICAL LANDING DETAIL
1" = 1'-0"



1 MODULAR OFFICE #1 FLOOR PLAN
A1.3 1/4" = 1'-0"



2 MODULAR OFFICE #1 ELEVATION
A1.3 1/4" = 1'-0"

**MODULAR OFFICE #1:
BASIS OF DESIGN SPECIFICATIONS**

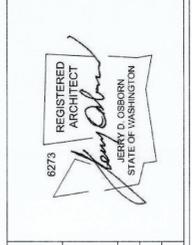
EXTERIOR SIDING:	MANUFACTURER'S STANDARD FIBER-CEMENT/WOOD CLADDING.
ROOFING:	PVC OR EPDM MEMBRANE, 60-MIL MINIMUM THICKNESS.
FLASHING:	PROVIDE ALUMINUM GUTTER AND DOWNSPOUTS.
WINDOWS:	4030 HORIZONTAL SLIDING WINDOW WITH BLINDS.
EXTERIOR DOORS:	3068 FLUSH PAINTED STEEL, 16-GAUGE SKIN AND FRAME.
EXTERIOR DOOR HARDWARE:	GRADE 1 HEAVY-DUTY WITH DEADBOLT, 6-PIN CORE. PROVIDE 30" KICKPLATE, DOOR CLOSER, AND OPTIONAL SECURITY BAR.
DOOR CANOPY:	PROVIDE EXTERIOR DOOR CANOPY.
INTERIOR DOORS:	3068 PREFINISHED WITH TIMELY DOOR AND FRAME.
INTERIOR DOOR HARDWARE:	GRADE 2 COMMERCIAL PASSAGE LATCH AT OFFICE DOORS. PROVIDE PRIVACY LOCK AT TOILET ROOM DOOR.
FLOORING:	COMMERCIAL GRADE VCT AT OFFICE AREAS, VINYL SHEET AT TOILET ROOM. 4" RUBBER BASE THROUGHOUT. STANDARD COLOR.
INTERIOR WALLS:	VINYL WRAPPED GYPSUM.
INTERIOR CEILINGS:	2'-0" X 4'-0" SUSPENDED ACOUSTICAL CEILING TILES AT 8'-0" A.F.F.
INTERIOR LIGHTING:	2'X4' LED TROFFER LIGHTS, 3500K.
EXTERIOR LIGHTING:	LED WALL PACK AT EACH EXTERIOR DOOR, TYP. 4000K.
TOILET ROOM ACCESSORIES:	WALL MOUNTED SOAP DISPENSER, PAPER TOWEL DISPENSER, MIRROR. PROVIDE GRAB BARS AT ADA ACCESSIBLE STALLS.
PLUMBING FIXTURES - RESTROOM #1:	2 LAVATORIES, 1 STANDARD WATER CLOSET STALL, 1 ADA ACCESSIBLE WATER CLOSET STALL.
PLUMBING FIXTURES - RESTROOM #2:	2 LAVATORIES, 1 STANDARD WATER CLOSET STALL, 1 ADA ACCESSIBLE WATER CLOSET STALL.
HVAC:	PACKAGED ENDWALL HVAC WITH DUCTED SUPPLY AND RETURN.
ELECTRICAL:	PROVIDE ELECTRICAL OUTLETS AS REQUIRED BY CODE.
COMM/DATA:	PRE-WIRE CAT-6 DATA CONNECTION AT LOCATIONS SHOWN PER PLAN. TEST, LABEL, AND TERMINATE AT HEADEND LOCATION.

GENERAL MODULAR BUILDING NOTES:

- MODULAR STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2021 WASHINGTON STATE BUILDING, MECHANICAL, PLUMBING, AND ENERGY CODES.
- ALL EXTERIOR ASSEMBLIES SHALL COMPLY WITH THE COMMERCIAL PROVISIONS OF THE 2021 WASHINGTON STATE ENERGY CODE (WSEC-C).
- ALL MODULAR STRUCTURES SHALL BE PROVIDED WITH AN ADA ACCESSIBLE RAMP. MANUFACTURER RESPONSIBLE FOR THE DESIGN AND LAYOUT OF RAMPS AND STAIRS.
- INTERIOR PARTITION LAYOUTS TO BE CONFIRMED BY THE PORT/TENANT DURING SHOP DRAWING REVIEW. MINIMUM CEILING HEIGHT TO BE 8'-0" A.F.F.
- UNLESS NOTED OTHERWISE, MODULAR BUILDING SUPPLIER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND DEFERRED SUBMITTALS. CONTRACTOR IS RESPONSIBLE FOR ALL DEFERRED SUBMITTAL FEES.
- COORDINATE DOMESTIC WATER AND SANITARY SEWER CONNECTION POINTS WITH LOCATION OF EXISTING SITE UTILITIES. LOCATIONS SHOWN ARE APPROXIMATE. FIELD VERIFY PRIOR TO FABRICATION OF NEW MODULAR BUILDING, TYPICAL.
- PROVIDE SMOKE DETECTORS AND CO2 DETECTORS AS REQUIRED PER CODE.
- MODULAR STRUCTURES MUST BEAR A GOLD SEAL INSIGNIA AND COMPLY WITH THE WASHINGTON STATE BUILDING, MECHANICAL, PLUMBING, AND ENERGY CODES, AND MUST BE PLACED ON A PERMANENT FOUNDATION CONFORMING TO THE CURRENT INTERNATIONAL BUILDING CODE (IBC). THE GOLD SEAL INSIGNIA MUST BE PLACED ON OR NEAR THE METER BASE OR NEAR THE LOCATION WHERE ELECTRICAL SERVICE ENTERS THE STRUCTURE.
- MODULAR BUILDING MUST INCLUDE A VIN PLATE (STAMPED/ENGRAVED) INDICATING MANUFACTURER'S NAME, MANUFACTURE DATE, SERIAL NUMBER, AND GVWR.
- ANCHORING TO MEET LOCAL CODE REQUIREMENTS SHALL BE UTILIZED TO SECURE THE MODULAR BUILDING TO THE GROUND. CONTRACTOR AND/OR MODULAR BUILDING MANUFACTURER ARE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL REQUIRED FOUNDATIONS, ANCHORS, PIERS, AND RELATED SUPPORTS.

DRAWING LEGEND:

- ▽ CAT-6 DATA OUTLET
- ⊕ DUPLEX WALL OUTLET
- ⊞ WALL SWITCH
- Ⓣ THERMOSTAT
- Ⓜ WATER HEATER

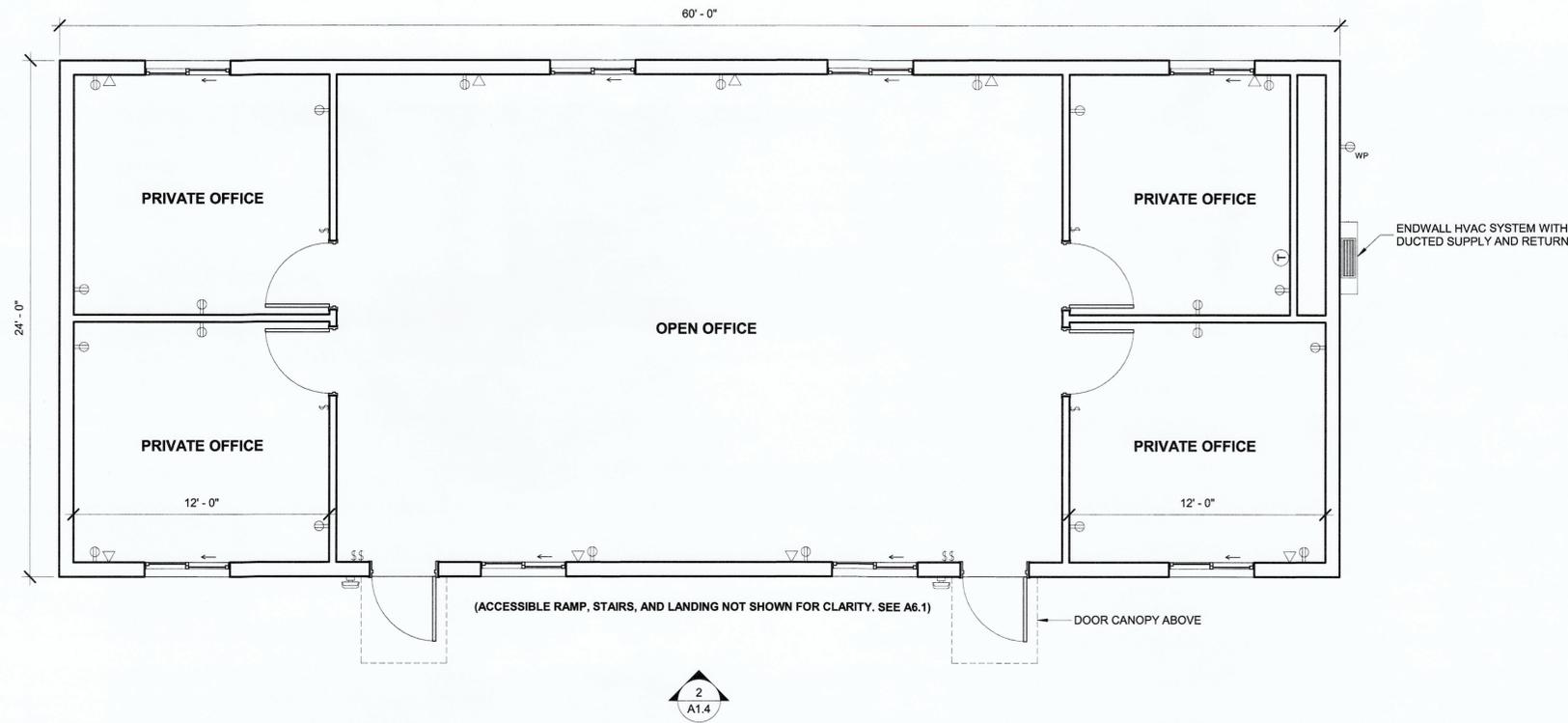


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<i>Jerry Gibborn</i>	
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PRINTED BY:	DATE:
JUM	
PORT ADDRESS:	DATE:
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TACOMA, WA 98422	

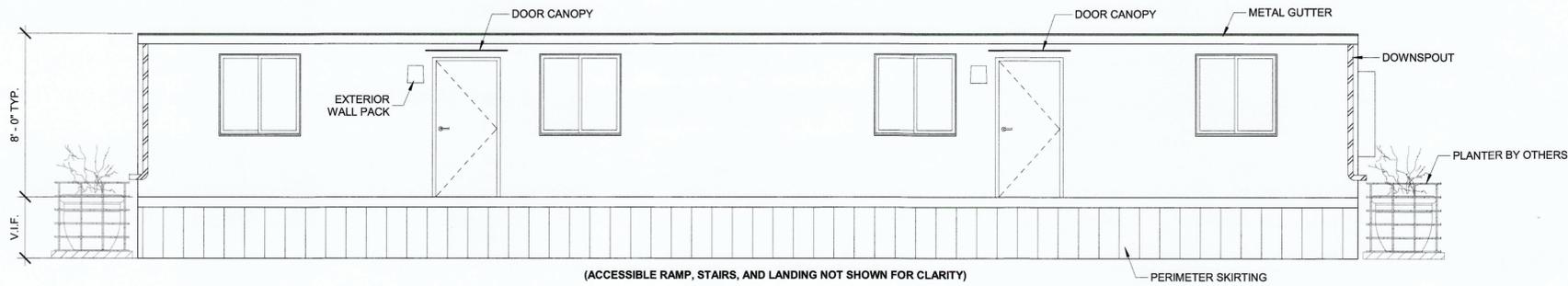
EBC SILVERBACK	SECTION: 27
TEMPORARY RELOCATION	RANGE: 03
MODULAR OFFICE #1 - BASIS OF DESIGN	DATE: _____
TOWNSHIP: 21	DATE: _____
M. ID: 101686.01	DATE: _____
PHASE: BID SET	DATE: _____

6710	CONTRACTOR'S NO.:	000000292
A1.3	M. ID.:	101686.01
10 OF 41	PHASE:	BID SET

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1
A1.4
MODULAR OFFICE #2 FLOOR PLAN
1/4" = 1'-0"



2
A1.4
MODULAR OFFICE #2 ELEVATION
1/4" = 1'-0"

**MODULAR OFFICE #2:
BASIS OF DESIGN SPECIFICATIONS**

EXTERIOR SIDING:	MANUFACTURER'S STANDARD FIBER-CEMENT/WOOD CLADDING.
ROOFING:	PVC OR EPDM MEMBRANE, 60-MIL MINIMUM THICKNESS.
FLASHING:	PROVIDE ALUMINUM GUTTER AND DOWNSPOUTS.
WINDOWS:	4030 HORIZONTAL SLIDING WINDOW WITH BLINDS.
EXTERIOR DOORS:	3068 FLUSH PAINTED STEEL, 16-GAUGE SKIN AND FRAME.
EXTERIOR DOOR HARDWARE:	GRADE 1 HEAVY-DUTY WITH DEADBOLT, 6-PIN CORE. PROVIDE 30" KICKPLATE, DOOR CLOSER, AND OPTIONAL SECURITY BAR.
DOOR CANOPY:	PROVIDE EXTERIOR DOOR CANOPY.
INTERIOR DOORS:	3068 PREFINISHED WITH TIMELY DOOR AND FRAME.
INTERIOR DOOR HARDWARE:	GRADE 2 COMMERCIAL PASSAGE LATCH AT OFFICE DOORS. .
FLOORING:	COMMERCIAL GRADE VCT WITH 4" RUBBER BASE THROUGHOUT. STANDARD COLOR TBD.
INTERIOR WALLS:	VINYL WRAPPED GYPSUM.
INTERIOR CEILINGS:	2'-0" X 4'-0" SUSPENDED ACOUSTICAL CEILING TILES AT 8'-0" A.F.F.
INTERIOR LIGHTING:	2'X4' LED TROFFER LIGHTS, 3500K.
EXTERIOR LIGHTING:	LED WALL PACK AT EACH EXTERIOR DOOR, TYP. 4000K.
HVAC:	PACKAGED ENDWALL HVAC WITH DUCTED SUPPLY AND RETURN.
ELECTRICAL:	PROVIDE ELECTRICAL OUTLETS AS REQUIRED BY CODE.
COMM/DATA:	PRE-WIRE CAT-6 DATA CONNECTION AT LOCATIONS SHOWN PER PLAN. TEST, LABEL, AND TERMINATE AT HEADEND LOCATION.

GENERAL MODULAR BUILDING NOTES:

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- PROVIDE SMOKE DETECTORS AND CO2 DETECTORS AS REQUIRED PER CODE.
- MODULAR STRUCTURES MUST BEAR A GOLD SEAL INSIGNIA AND COMPLY WITH THE WASHINGTON STATE BUILDING, MECHANICAL, PLUMBING, AND ENERGY CODES, AND MUST BE PLACED ON A PERMANENT FOUNDATION CONFORMING TO THE CURRENT INTERNATIONAL BUILDING CODE (IBC). THE GOLD SEAL INSIGNIA MUST BE PLACED ON OR NEAR THE METER BASE OR NEAR THE LOCATION WHERE ELECTRICAL SERVICE ENTERS THE STRUCTURE.
- MODULAR BUILDING MUST INCLUDE A VIN PLATE (STAMPED/ENGRAVED) INDICATING MANUFACTURER'S NAME, MANUFACTURE DATE, SERIAL NUMBER, AND GWWR.
- ANCHORING TO MEET LOCAL CODE REQUIREMENTS SHALL BE UTILIZED TO SECURE THE MODULAR BUILDING TO THE GROUND. CONTRACTOR AND/OR MODULAR BUILDING MANUFACTURER ARE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL REQUIRED FOUNDATIONS, ANCHORS, PIERS, AND RELATED SUPPORTS.

DRAWING LEGEND:

- ⊕ DUPLEX WALL OUTLET
- ▽ CAT-6 DATA OUTLET
- Ⓢ WALL SWITCH
- Ⓣ THERMOSTAT

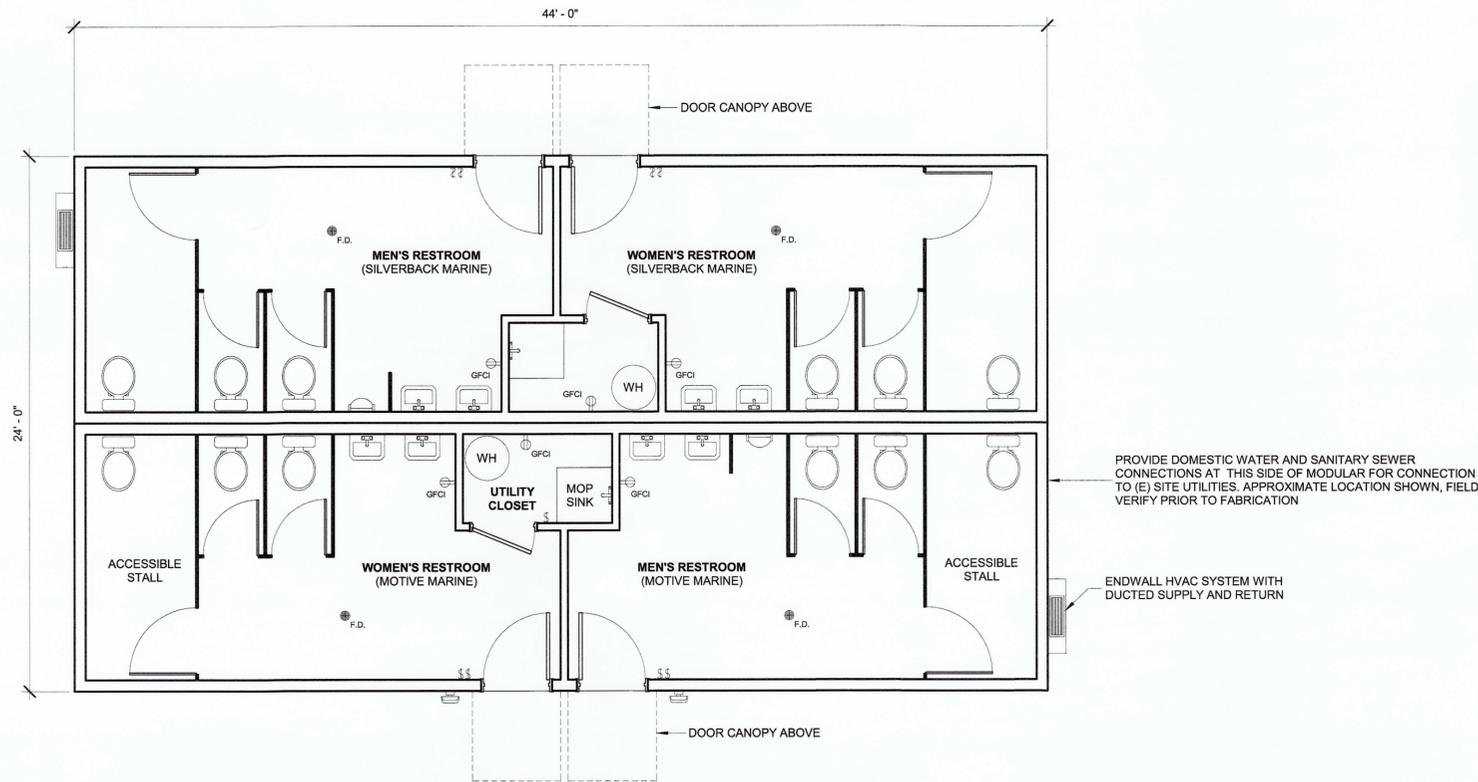


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<i>Jerry Osborn</i>	<i>Jerry Osborn</i>	03/10/2026
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<i>Jerry Osborn</i>	JJM	JJM
PRINTED BY:	PORT ADDRESS:	TACOMA, WA 98422
<i>Jerry Osborn</i>	401 E. ALEXANDER AVE	

EBC SILVERBACK TEMPORARY RELOCATION	
MODULAR OFFICE #2 - BASIS OF DESIGN	
CONTRACTOR:	TOWNSHIP:
101686.01	21
PHASE:	RANGE:
BID SET	03
DATE:	SECTION:
10/16/2025	27
PARCEL:	DRAWING SCALE:
WA83-SF	As indicated

6710
A1.4
11 OF 41
CONT/CONS: 000000292
M. ID: 101686.01
PHASE: BID SET

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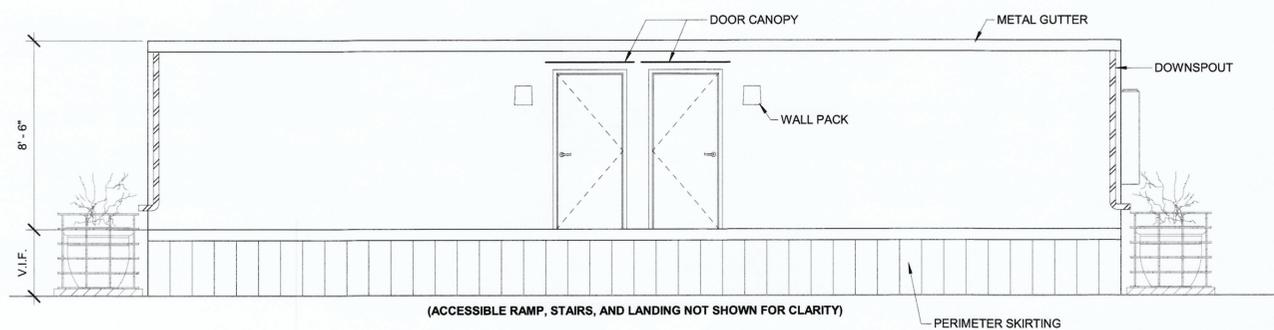


(ACCESSIBLE RAMP, STAIRS, AND LANDING NOT SHOWN FOR CLARITY. SEE A6.1)

NOTE: GRAB BARS AND TOILET ROOM ACCESSORIES NOT SHOWN FOR CLARITY.

1
A1.5
1/4" = 1'-0"

TYPICAL MODULAR TOILET TRAILER PLAN



2
A1.5
1/4" = 1'-0"

TYPICAL MODULAR TOILET TRAILER ELEVATION

MODULAR TOILET TRAILER: BASIS OF DESIGN SPECIFICATIONS

EXTERIOR SIDING:	MANUFACTURER'S STANDARD FIBER-CEMENT/WOOD CLADDING.
ROOFING:	PVC OR EPDM MEMBRANE, 60-MIL MINIMUM THICKNESS.
FLASHING:	PROVIDE ALUMINUM GUTTER AND DOWNSPOUTS.
EXTERIOR DOORS:	3068 FLUSH PAINTED STEEL, 16-GAUGE SKIN AND FRAME.
DOOR HARDWARE:	GRADE 1 HEAVY-DUTY WITH DEADBOLT, 6-PIN CORE. PROVIDE 30" KICKPLATE, DOOR CLOSER, AND OPTIONAL SECURITY BAR.
DOOR CANOPY:	PROVIDE EXTERIOR DOOR CANOPY.
FLOORING:	COMMERCIAL GRADE VINYL SHEET WITH 4" RUBBER BASE.
INTERIOR WALLS:	FULL HEIGHT PVC PANELING. PROVIDE BLOCKING AT GRAB BARS.
INTERIOR CEILINGS:	2'-0" X 4'-0" SUSPENDED ACOUSTICAL CEILING TILES AT 8'-0" A.F.F.
INTERIOR LIGHTING:	2'X4' LED TROFFER LIGHTS, 3500K.
EXTERIOR LIGHTING:	LED WALL PACK AT EACH EXTERIOR DOOR, TYP. 4000K.
TOILET ROOM ACCESSORIES:	WALL MOUNTED SOAP DISPENSER, PAPER TOWEL DISPENSER, MIRROR. PROVIDE GRAB BARS AT ADA ACCESSIBLE STALLS.
PLUMBING EQUIPMENT:	MOP SINK AND WATER HEATER WITH CIRCULATION PUMP IN UTILITY CLOSET. PROVIDE FLOOR DRAIN IN EACH RESTROOM.
PLUMBING FIXTURES - MENS RR:	2 LAVATORIES, 1 URINAL, 2 STANDARD WATER CLOSET STALLS, 1 ADA ACCESSIBLE WATER CLOSET STALL.
PLUMBING FIXTURES - WOMENS RR:	2 LAVATORIES, 2 STANDARD WATER CLOSET STALLS, 1 ADA ACCESSIBLE WATER CLOSET STALL.
HVAC:	PACKAGED ENDWALL HVAC WITH DUCTED SUPPLY AND RETURN.
ELECTRICAL:	PROVIDE GFCI OUTLETS AS REQUIRED BY CODE.

GENERAL MODULAR BUILDING NOTES:

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- UNLESS NOTED OTHERWISE, MODULAR BUILDING SUPPLIER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND DEFERRED SUBMITTALS. DEFERRED SUBMITTAL FEES WILL BE PAID BY THE PORT OF TACOMA.
- COORDINATE DOMESTIC WATER AND SANITARY SEWER CONNECTION POINTS WITH LOCATION OF EXISTING SITE UTILITIES. LOCATIONS SHOWN ARE APPROXIMATE, FIELD VERIFY PRIOR TO FABRICATION OF NEW MODULAR BUILDING, TYPICAL.
- PROVIDE SMOKE DETECTORS AND CO2 DETECTORS AS REQUIRED PER CODE.
- MODULAR STRUCTURES MUST BEAR A GOLD SEAL INSIGNIA AND COMPLY WITH THE WASHINGTON STATE BUILDING, MECHANICAL, PLUMBING, AND ENERGY CODES, AND MUST BE PLACED ON A PERMANENT FOUNDATION CONFORMING TO THE CURRENT INTERNATIONAL BUILDING CODE (IBC). THE GOLD SEAL INSIGNIA MUST BE PLACED ON OR NEAR THE METER BASE OR NEAR THE LOCATION WHERE ELECTRICAL SERVICE ENTERS THE STRUCTURE.
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DRAWING LEGEND:

⊕	DUPLEX WALL OUTLET	⊕	WATER HEATER
▽	CAT-6 DATA OUTLET		
⊕	WALL SWITCH		
⊕	THERMOSTAT		

MODULAR BUILDING SCOPE & RESPONSIBILITY MATRIX			
DESCRIPTION:	CONTRACTOR	PORT OF TACOMA	ADDITIONAL NOTES & REQUIREMENTS:
GENERAL REQUIREMENTS:			
SHIPPING AND DELIVERY TO SITE, INCLUDING ALL REQUIRED PERMITS	X		
COMPLETE ASSEMBLY, SETUP, AND CONFIGURATION PER SCOPE OF WORK	X		
MANUFACTURER'S WARRANTY ON STRUCTURAL AND MECHANICAL COMPONENTS	X		PROVIDE 1-YEAR WORKMANSHIP AND MATERIAL WARRANTIES
OFF-SITE DISPOSAL OF ALL DEBRIS ASSOCIATED WITH SETUP AND INSTALLATION	X		
SUBMITTALS: PREPARE SHOP DRAWINGS FOR PORT/TENANT REVIEW AND APPROVAL	X		SUBMIT SHOP DRAWINGS PRIOR TO PERMIT SUBMITTAL.
INCLUDE ONE SHOP DRAWING REVISION TO ADDRESS PORT/TENANT COMMENTS	X		
PROVIDE COLOR AND MATERIAL SAMPLES FOR FINISHED NOTED BELOW AS "TBD"	X		ASSUME MANUFACTURER'S STANDARD OFFERING FOR ALL MATERIALS AND FINISHES, UNLESS NOTED OTHERWISE.
COMPLY WITH 2021 WASHINGTON STATE BUILDING CODE REQUIREMENTS	X		INCLUDING CITY OF TACOMA AMENDMENTS.
COMPLY WITH 2021 COMMERCIAL ENERGY CODE REQUIREMENTS (2021 WSEC-C)	X		PROVIDE WSEC COMPLIANCE DOCUMENTS FOR PERMIT REVIEW.
ATTEND 6 DESIGN COORDINATION MEETINGS PRIOR DELIVERY, SEE NOTES	X		FOR BIDDING PURPOSES, INCLUDE 2 IN-PERSON SITE VISITS AND 4 VIRTUAL MEETINGS VIA MICROSOFT TEAMS.
PERMITTING REQUIREMENTS:			
PREPARATION AND SUBMITTAL OF PERMIT DOCUMENTS	X		GOLD SEAL INSIGNIA REQUIRED, UNLESS DETERMINED OTHERWISE BY MODULAR BUILDING MANUFACTURER.
BUILDING PERMIT ISSUED BY CITY OF TACOMA PDS	X		CONTRACTOR TO SUBMIT ALL REQUIRED DEFERRED SUBMITTAL DOCUMENTS.
BUILDING PERMIT REVIEW AND ISSUANCE FEES		X	
ELECTRICAL PERMIT ISSUED BY TACOMA PUBLIC UTILITIES	X		
ELECTRICAL PERMIT REVIEW AND ISSUANCE FEES		X	
PLUMBING PERMIT ISSUED BY CITY OF TACOMA PDS	X		
PLUMBING PERMIT REVIEW AND ISSUANCE FEES		X	
COORDINATE AND COMPLETE ALL REQUIRED AHJ INSPECTIONS	X		
AS-BUILT AND RECORD DRAWINGS AS REQUIRED BY AHJ	X		
FOUNDATIONS AND MODULAR ACCESSORIES:			
VERIFY SITE CONDITIONS AND COORDINATE FINAL PLACEMENT LOCATION	X		INCLUDE A SEPARATE SITE VISIT WITH THE PORT OF TACOMA 2-WEEKS PRIOR TO SCHEDULED DELIVERY.
DESIGN/INSTALL PERMANENT FOUNDATIONS AS REQUIRED BY AHJ	X		AS REQUIRED FOR "GOLD SEAL" INSIGNIA PLATE PER CITY OF TACOMA GUIDELINES.
STRUCTURAL ANCHORAGE AND TIE-DOWNS	X		TO INCLUDE ALL ENGINEERING BY A WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER.
DESIGN, SUPPLY, AND INSTALL ADA ACCESSIBLE RAMP	X		RAMP'S SHOWN FOR REFERENCE ONLY. MANUFACTURER TO PROVIDE AN ADA COMPLIANT RAMP CONFIGURATION BASED ON FINAL DESIGN.
DESIGN, SUPPLY, AND INSTALL STAIRS AND LANDING PLATFORM	X		MAY BE COMBINED WITH AN EXPANDED ADA RAMP/PLATFORM CONFIGURATION ACCEPTABLE TO THE PORT.
CONTINUOUS PERIMETER SKIRTING BELOW MAIN FLOOR	X		PROVIDE ACCESS PANELS AS REQUIRED.
REMOVAL OF TRAILER HITCH AND TIRES	X		SALVAGE, PACKAGE, AND DELIVER TO THE PORT OF TACOMA FOR FUTURE USE.
BUILDING ADDRESS SIGNAGE	X		PROVIDE STEEL SIGN WITH 12" HEIGHT NUMBERING ON CONTRASTING BACKGROUND.
SECURITY DOOR BAR AT ALL DOORS	X		
WINDOW SECURITY BARS AT ALL WINDOWS	X		
CANOPY SYSTEM AT ALL EXTERIOR DOORS	X		PROVIDE MANUFACTURER'S STANDARD CANOPY AT ALL EXTERIOR DOORS. NO GUTTER REQUIRED.
SITE UTILITIES & CONNECTIONS:			
EXTEND ELECTRICAL SERVICE TO MODULAR LOCATION	X		REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF EXISTING ELECTRICAL INFRASTRUCTURE.
CONNECT ELECTRICAL SERVICE TO NEW MODULAR	X		
EXTEND COMM/DATA SERVICE TO MODULAR LOCATION	X		
CONNECT COMM/DATA SERVICE TO NEW MODULAR	X		
EXTEND DOMESTIC WATER TO MODULAR LOCATION	X		TRENCH AND EXTEND NEW PIPING TO EXISTING DOMESTIC WATER CONNECTION, REFER TO SITE PLANS.
CONNECT DOMESTIC WATER TO NEW MODULAR	X		
EXTEND SANITARY SEWER TO MODULAR LOCATION	X		TRENCH AND EXTEND TO EXISTING SANITARY SEWER MANHOLE, REFER TO SITE PLANS.
CONNECT SANITARY SEWER TO NEW MODULAR	X		
PROVIDE GUTTERS AND DOWNSPOUTS PER PLAN	X		SEE BELOW FOR BASIS OF DESIGN.
SUPPLY AND PLACE BIOFILTRATION PLANTERS		X	PLANTERS PROVIDED AND PLACED BY PORT OF TACOMA.
CONNECT DOWNSPOUTS TO BIOFILTRATION PLANTERS	X		PLANTERS PROVIDED AND INSTALLED BY PORT OF TACOMA. CONFIRM DOWNSPOUT LENGTH AND LOCATION WITH PORT.
EXTERIOR			
ALL EXTERIOR ASSEMBLIES TO COMPLY WITH 2021 WSEC-C	X		
SIDING: MANUFACTURER'S STANDARD FIBER-CEMENT/WOOD CLADDING	X		PROVIDE MANUFACTURER'S STANDARD COLOR OPTION.
ROOFING: INDUSTRIAL GRADE PVC OR EPDM MEMBRANE ROOFING - SEE NOTES	X		60-MIL MINIMUM THICKNESS, NO EXCEPTIONS. BASIS OF DESIGN - ELEVATE RUBBERGUARD EPDM PLATINUM.
FLASHING: EXTENDED EAVE FLASHING AS NEEDED FOR GUTTERS	X		OF COMPARABLE MATERIAL AND COLOR TO MATCH GUTTERS.
GUTTERS: CONTINUOUS ROLL FORMED BOX GUTTER PROFILE, 24-GAUGE PVDF	X		STANDARD COLOR. TBD. GUTTERS REQUIRED ALONG THE LOW EDGE OF ALL SLOPING ROOFS.
DOWNSPOUTS: 2" X 3" BRAKE FORMED, MATERIAL TO MATCH GUTTERS	X		ROUTE TO BIOFILTRATION PLANTERS. COORDINATE FINAL LOCATION AND REQUIRED LENGTHS WITH PORT OF TACOMA.
EXTERIOR DOORS: 3068 PAINTED STEEL, FLUSH, INSULATED POLYSTYRENE CORE	X		COMPLY WITH THERMAL REQUIREMENTS OF 2021 WSEC-C.
PROVIDE 16-GAUGE FACE SKIN, 16-GAUGE STEEL CHANNEL AT EDGES	X		EXTERIOR DOORS TO BE OF HEAVY-DUTY, INDUSTRIAL STYLE CONSTRUCTION.
HARDWARE: GRADE 1 HEAVY-DUTY WITH DEADBOLT, 6-PIN, CONSTRUCTION CORE	X		FOR BIDDING PURPOSES, INCLUDE FALCON HARDWARE OR COMPARABLE. HARDWARE TO BE CONFIRMED DURING THE SUBMITTAL PHASE.
FINAL CORES AND KEYING	X		FOR BIDDING PURPOSES, INCLUDE 6-PIN CORES. KEYING TO BE CONFIRMED DURING THE SUBMITTAL PHASE.
30" HIGH INDUSTRIAL KICKPLATE AT EXTERIOR FACE, STAINLESS STEEL	X		INDUSTRIAL TYPE KICKPLATE, FLAT OR DIAMONDPLATE ACCEPTABLE.
DOOR SWEEPS, CLOSER, WEATHERSEAL, RAINCAP, SECURITY BAR, AND CANOPY	X		PROVIDE STANDARD EXTERIOR DOOR HARDWARE. INCLUDE OPTIONAL CANOPY ASSEMBLY AT EXTERIOR DOORS.
ALL HARDWARE AND THRESHOLDS TO BE ADA COMPLIANT	X		
INTERIOR			
INTERIOR PARTITIONS PER PLAN, FINAL LOCATION PER APPROVED SHOP DRAWINGS	X		WALL DIMENSIONS AND LAYOUT SHOW FOR BIDDING PURPOSES ONLY. FINAL LAYOUT TO BE DETERMINED DURING THE SUBMITTAL PHASE.
OFFICE WALLS: VINYL WRAPPED GYPSUM, STANDARD COLOR TBD	X		
RESTROOM WALLS: VINYL WRAPPED GYPSUM, PVC PANELING TO 48" A.F.F.	X		
OFFICE FLOORING: COMMERCIAL GRADE CARPET TILES	X		
RESTROOM FLOORING: COMMERCIAL GRADE VINYL SHEET, COLOR TBD	X		
FLOOR BASE: 4" RUBBER BASE THROUGHOUT, STANDARD COLOR TBD	X		
CEILINGS: 2'-0" X 4'-0" ACOUSTICAL CEILING TILE THROUGHOUT	X		
OFFICE DOORS: 3068 PREFINISHED INTERIOR DOOR, TIMELY FRAME, PASSAGE LATCH	X		
BATHROOM DOOR: 3068 PREFINISHED INTERIOR DOOR, TIMELY FRAME, PRIVACY LOCK	X		
ELECTRICAL/COMMUNICATIONS			
COORDINATE AND CONFIRM RECEPTACLE LOCATIONS WITH TENANT/PORT OF TACOMA	X		INCLUDE 2 COORDINATION MEETINGS VIA MICROSOFT TEAMS.
PROVIDE RECEPTACLES AND DATA OUTLETS PER PLAN	X		
SUPPLY, PLACE, AND INSTALL COMMUNICATIONS/DATA HEADEND	X		
TERMINATE, TEST, AND LABEL CAT-6 CONNECTIONS PER PLAN	X		TERMINATE AT HEADEND LOCATION NOTED PER PLAN. LOCATION TO BE CONFIRMED BY PORT/TENANT DURING SHOP DRAWING REVIEW.



IOAI ARCHITECTURE + PLANNING
 1001 SW KLUCKITAT WAY, STE. 204
 SEATTLE, WA 98134 | (206) 631-8442



APPROVED: *[Signature]*
 DIRECTOR, ENG. DATE: 03/10/2026
 PRINTED BY: JUM
 PORT ADDRESS: 401 E. ALEXANDER AVE
 TACOMA, WA 98422

CHECKED BY: DATE: 03/10/2026
 PROJ. ENGR. DATE: 03/10/2026
 TACOMA, WA 98422

EBC SILVERBACK
TEMPORARY RELOCATION
MODULAR BUILDING SCOPE MATRIX

RANGE: 03 SECTION: 27
 TOWNSHIP: 21 DATE: 03/10/2026
 M. ID: 101686.01
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6710
A1.6
 13 OF 41

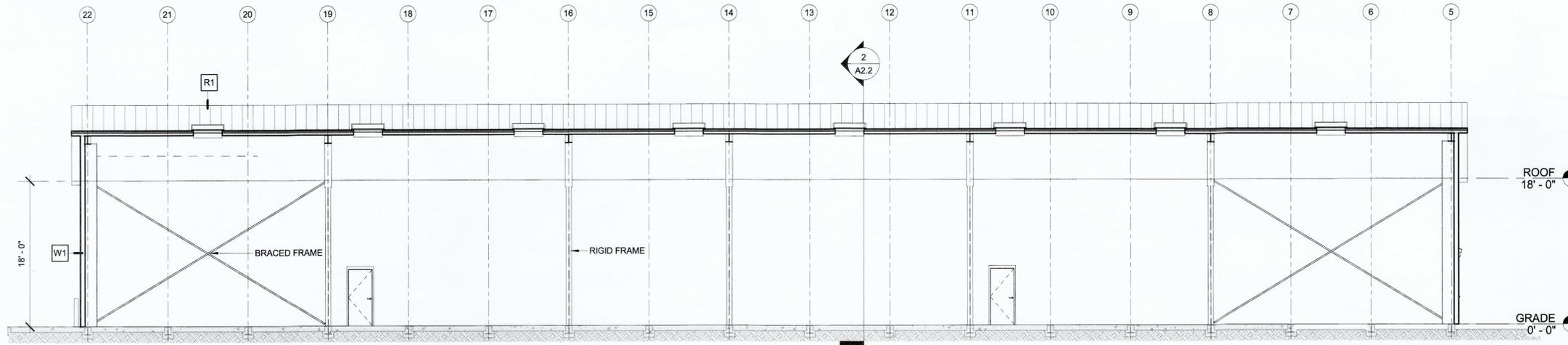
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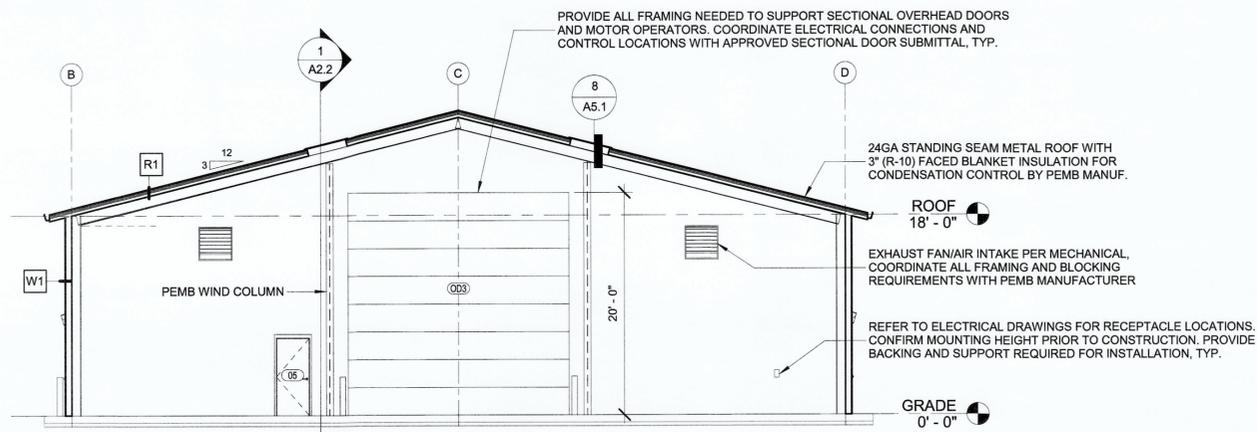
GENERAL NOTES

- A. STRUCTURAL FRAMING AND CONNECTION DETAILS TO BE DESIGNED BY THE PRE-ENGINEERED METAL BUILDING MANUFACTURER. REFER TO STRUCTURAL DRAWINGS FOR DESIGN LOADS.
- B. CONTRACTOR IS RESPONSIBLE FOR SUBMISSION OF ALL DEFERRED SUBMITTALS TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL.
- C. COORDINATE AND VERIFY ALL DIMENSIONS WITH THE APPROVED PRE-ENGINEERED METAL BUILDING (PEMB) SHOP DRAWINGS.
- D. PROVIDE SHEET METAL TRIM AT PERIMETER OF ALL EXTERIOR OPENINGS. STANDARD BASE, CORNER, AND J-TRIM PROFILES TO BE PROVIDED BY THE PEMB MANUFACTURER. INCLUDE ALL CLOSURES FOR A COMPLETE AND WEATHERTIGHT INSTALL.
- E. REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR ITEMS NOT SHOWN THIS SHEET INCLUDING BUT NOT LIMITED TO FIXTURES, POWER RECEPTACLES SWITCHES, ELECTRICAL EQUIPMENT, AND THE LIKE.
- F. CONTRACTOR SHALL PROVIDE ALL BACKING AND FRAMING SUPPORTS AS NEEDED TO MOUNT AND INSTALL FIXTURES AND EQUIPMENT.

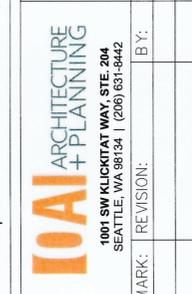
WSEC BUILDING ENVELOPE COMPLIANCE:
HEATING SYSTEMS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS FOR A LOW ENERGY BUILDING PER C402.1.1.1. THE BUILDING IS EXEMPT FROM THE ENERGY CODE PROVISIONS OF SECTION C402.



1 E/W BUILDING SECTION
1/8" = 1'-0"



2 N/S BUILDING SECTION
1/8" = 1'-0"

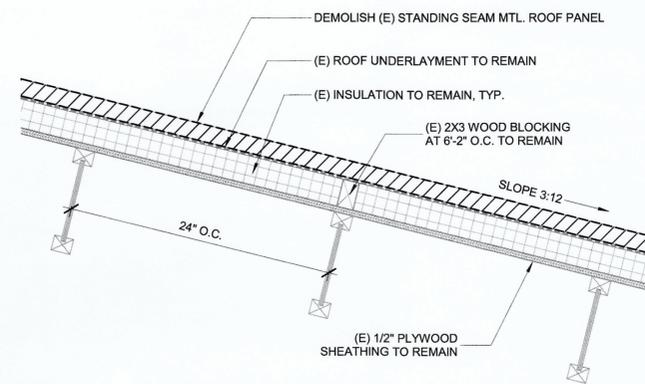


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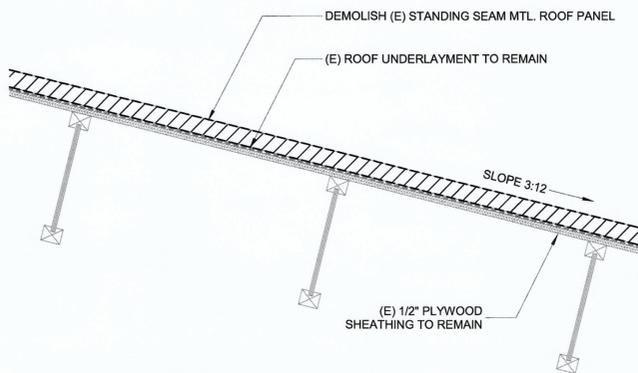
EBC SILVERBACK TEMPORARY RELOCATION	
METAL BUILDING SECTIONS	
TOWNSHIP: 21	SECTION: 27
RANGE: 03	DATE: 03
PARCEL: 101686.01	DATE-HRZ: WA83-SF
PHASE: BID SET	DRAWING SCALE: As indicated

6710
A2.2
15 OF 41
CONT./CONS: 00000292
M. ID: 101686.01
PHASE: BID SET

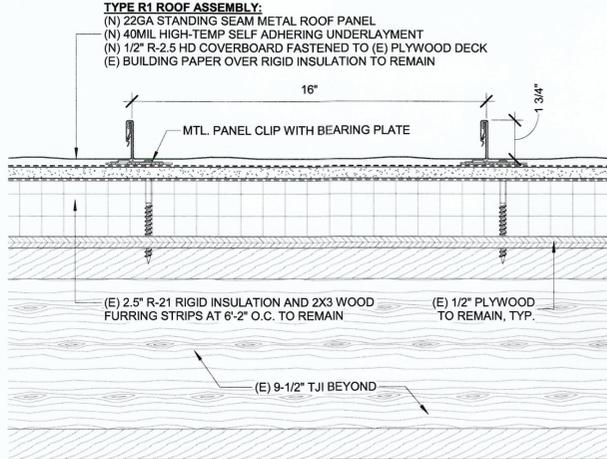
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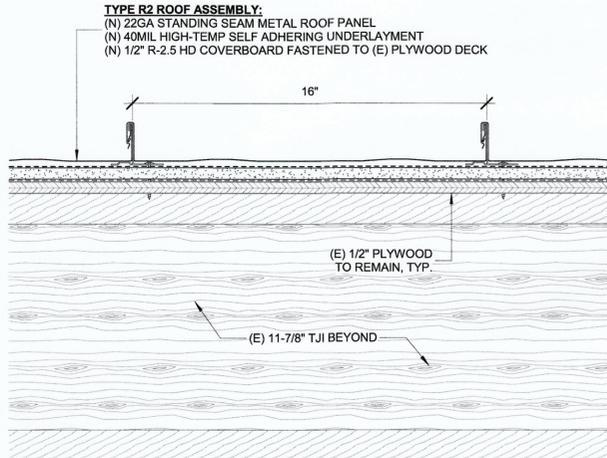
7
A5.0
R1: (E) ASSEMBLY SECTION
1 1/2" = 1'-0"



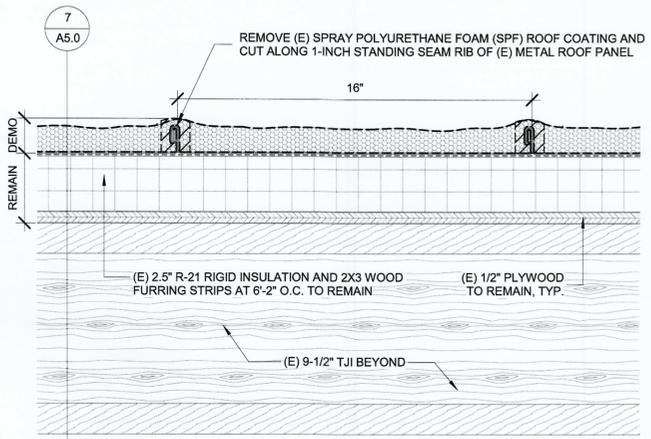
8
A5.0
R2: (E) ASSEMBLY SECTION
1 1/2" = 1'-0"



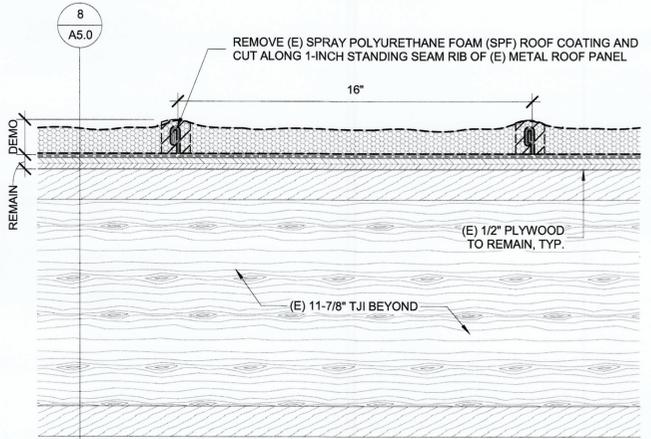
4
A5.0
R1: (N) MTL. ROOF AT (E) INSUL.
3" = 1'-0"



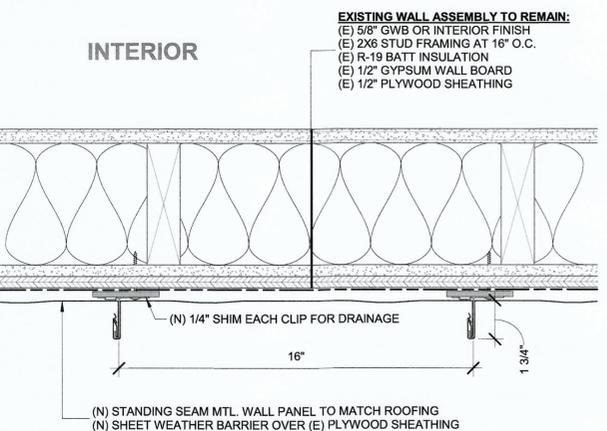
5
A5.0
R2: (N) MTL. ROOF AT (E) PLYWD.
3" = 1'-0"



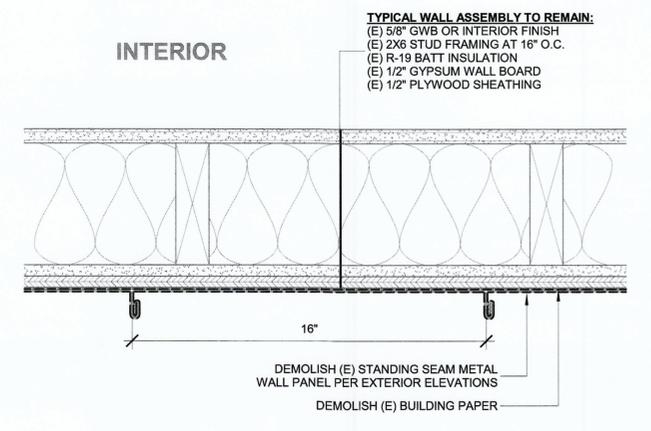
1
A5.0
R1: (E) MTL. ROOF DEMO AT INSUL.
3" = 1'-0"



2
A5.0
R2: (E) MTL. ROOF DEMO AT PLYWD.
3" = 1'-0"



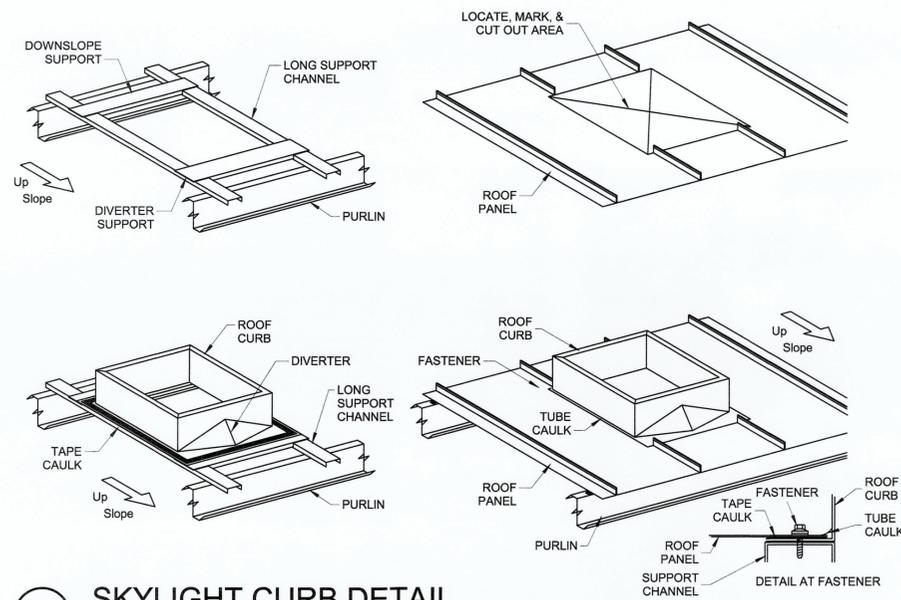
6
A5.0
W1: (N) MTL. SIDING ASSEMBLY
3" = 1'-0"



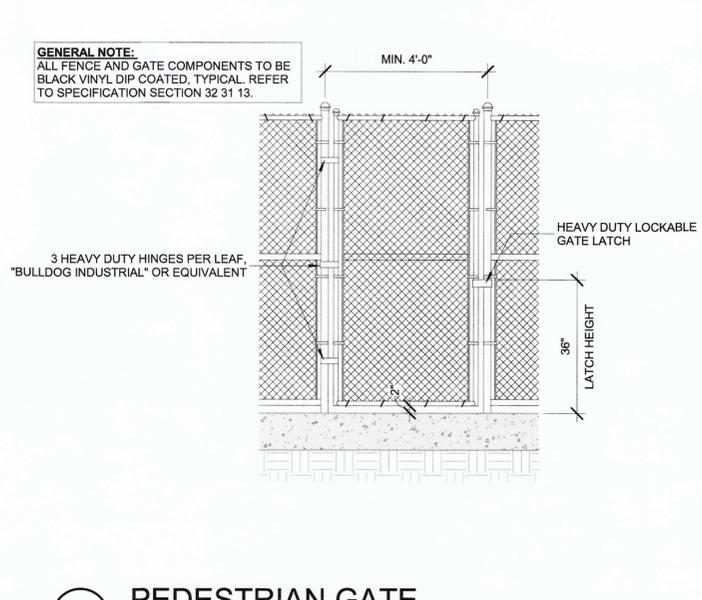
3
A5.0
W1: (E) MTL. SIDING DEMO DETAIL
3" = 1'-0"

				REGISTERED ARCHITECT JERRY D. OSBORN STATE OF WASHINGTON 6273	
1001 SW KLUCKITAT WAY, STE. 204 SEATTLE, WA 98154 (206) 631-6442		MARK: REVISION:		APPR: DATE:	
03/10/2026		CHECKED BY:		DATE:	
APPROVED:		DIRECTOR ENG. DATE:		PROJ. ENGR DATE:	
PRINTED BY:		JMM		ALEXANDER AVE	
PORT ADDRESS: 401 E.		TACOMA, WA 98422		DRAWING SCALE: As indicated	
EBC SILVERBACK ROOF REPLACEMENT		ROOF AND WALL ASSEMBLIES		SECTION: 27	
6710 A5.0		RANGE: 03		TOWNSHIP: 21	
16 OF 40		DAT-HRZ: WA83-SF		TOWN: 03	
CONT/CONS: 000000292		PARCEL:		VERT:	
M. ID: 101686.01		PHASE: BID SET		DATE:	

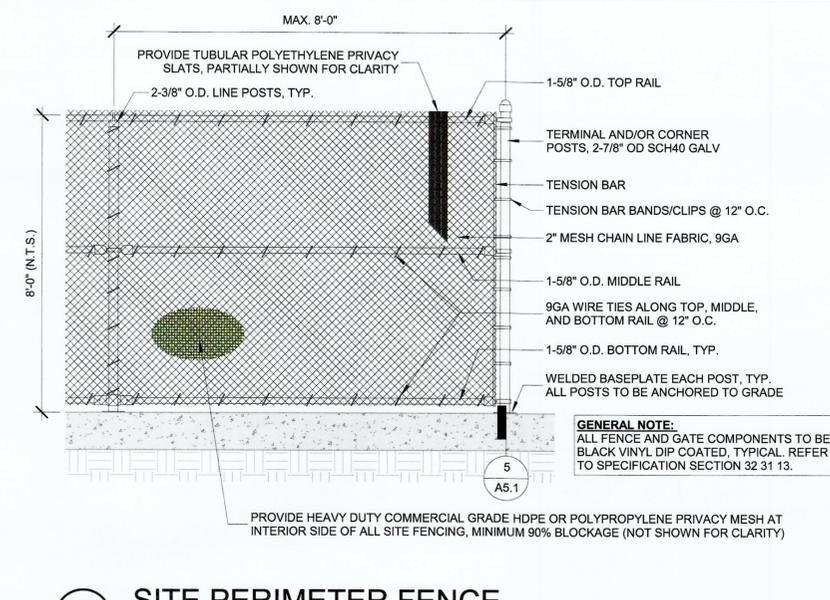
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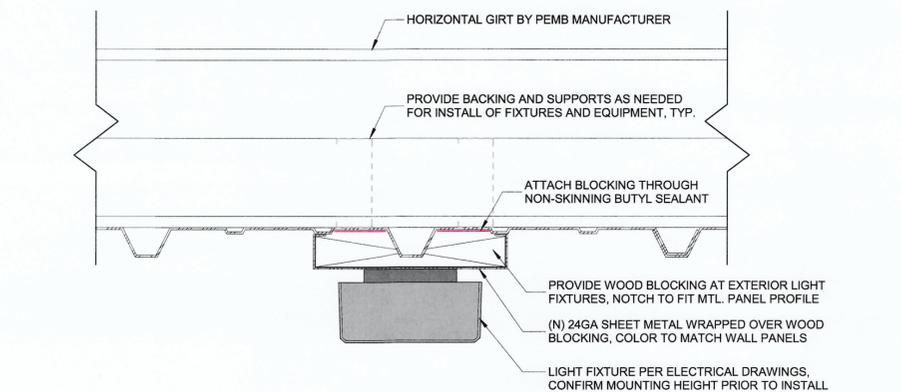
8 SKYLIGHT CURB DETAIL
A5.1 NTS



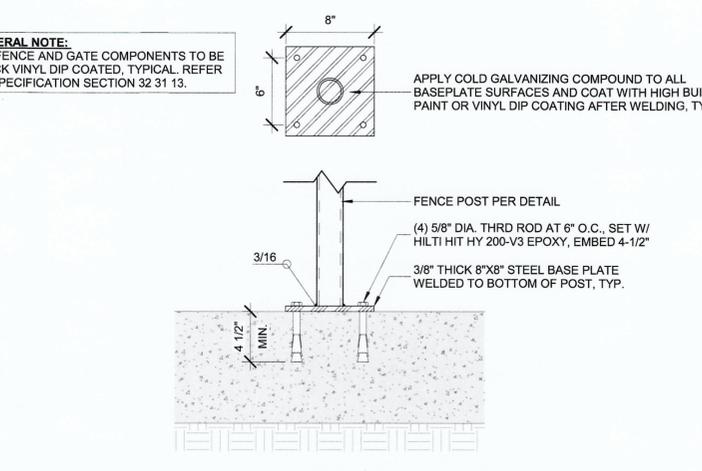
4 PEDESTRIAN GATE
A5.1 1/2" = 1'-0"



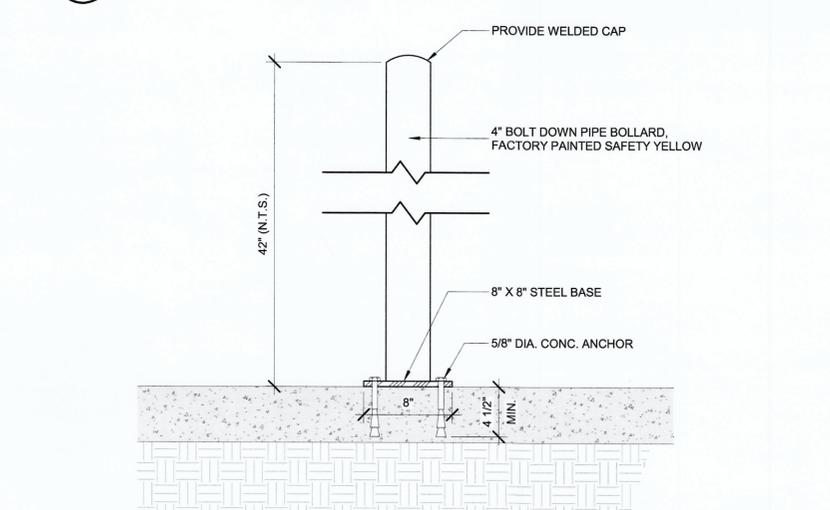
3 SITE PERIMETER FENCE
A5.1 1/2" = 1'-0"



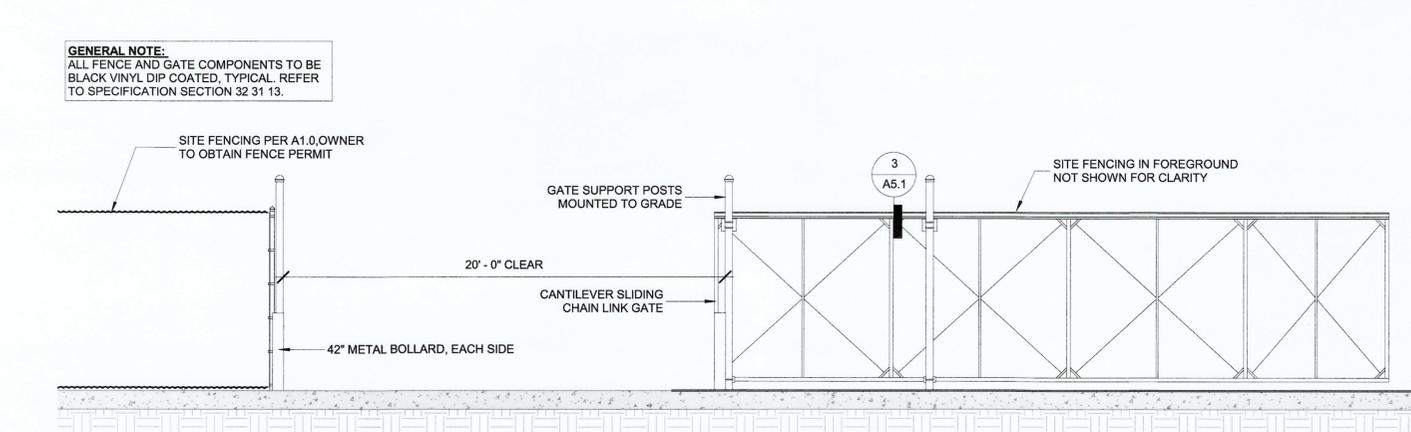
7 FIXTURE MOUNTING DETAIL
A5.1 3" = 1'-0"



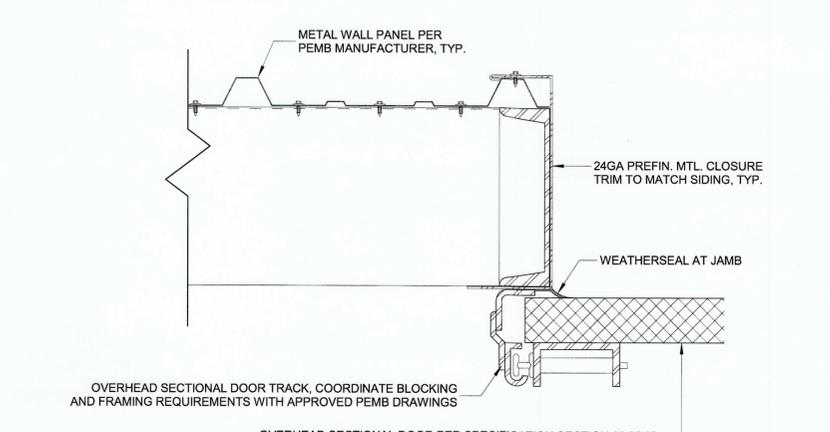
5 FENCE BASEPLATE DETAIL
A5.1 1 1/2" = 1'-0"



2 METAL BOLLARD
A5.1 1 1/2" = 1'-0"



6 ROLLING GATE ELEVATION
A5.1 1/4" = 1'-0"



1 OVERHEAD DOOR JAMB (HEAD SIM.)
A5.1 3" = 1'-0"

P.O. BOX 1807 TACOMA, WA 98401 (206) 861-8441
 DATE: _____
 APPR: _____
 BY: _____
 REVISION: _____

IOAI ARCHITECTURE + PLANNING
 1001 SW KLIKIKITAT WAY, STE. 204
 SEATTLE, WA 98134 | (206) 631-8442
 MARK: _____
 REVISION: _____

6273 REGISTERED ARCHITECT

 JERRY D. OSBORN
 STATE OF WASHINGTON

APPROVED:	CHECKED BY: DATE	DATE	DATE
<i>[Signature]</i>	<i>[Signature]</i>	03/10/2026	03/10/2026
DIRECTOR ENGR. DATE	PROJ. ENGR. DATE	ENGR. DATE	DATE
JUM	JUM	JUM	JUM
PRINTED BY: JUM		PORT ADDRESS: 401 E. ALEXANDER AVE TACOMA, WA 98422	
DRAWING SCALE: As indicated			

EBC SILVERBACK
TEMPORARY RELOCATION
DETAILS

RANGE: 03 SECTION: 27
 TOWNSHIP: 21 DATE: 03
 M. ID: 101886.01 DAT-HRZ: WA83-SF VERT: _____
 PHASE: BID SET PARCEL: _____

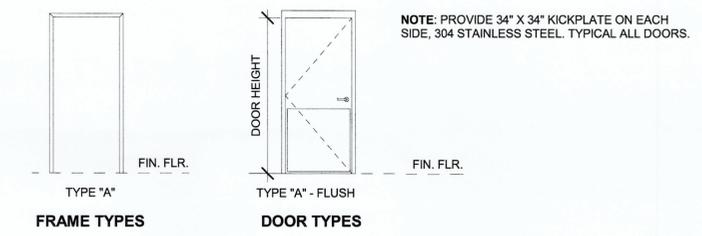
6710
A5.1
 17 OF 41

CONT/CONS: 000000292
 M. ID: 101886.01
 PHASE: BID SET

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DOOR SCHEDULE

MARK	DOOR TYPE	WIDTH	HEIGHT	THICKNESS	DOOR MATL.	FRAME MATL.	FRAME TYPE	DETAILS			HARDWARE GROUP	REMARKS
								HEAD	JAMB	SILL		
01	A	3' - 0"	7' - 0"	1 3/4"	HM	HM	TYPE A	3/A6.1	3/A6.1	1/A6.1	HWG1	PAINT HOLLOW METAL DOOR AND FRAME PER 09 91 00.
02	A	3' - 0"	7' - 0"	1 3/4"	HM	HM	TYPE A	3/A6.1	3/A6.1	1/A6.1	HWG1	PAINT HOLLOW METAL DOOR AND FRAME PER 09 91 00.
03	A	3' - 0"	7' - 0"	1 3/4"	HM	HM	TYPE A	3/A6.1	3/A6.1	1/A6.1	HWG1	PAINT HOLLOW METAL DOOR AND FRAME PER 09 91 00.
04	A	3' - 0"	7' - 0"	1 3/4"	HM	HM	TYPE A	3/A6.1	3/A6.1	1/A6.1	HWG1	PAINT HOLLOW METAL DOOR AND FRAME PER 09 91 00.
05	A	3' - 0"	7' - 0"	1 3/4"	HM	HM	TYPE A	3/A6.1	3/A6.1	1/A6.1	HWG1	PAINT HOLLOW METAL DOOR AND FRAME PER 09 91 00.
06	A	3' - 0"	7' - 0"	1 3/4"	HM	HM	TYPE A	3/A6.1	3/A6.1	1/A6.1	HWG1	PAINT HOLLOW METAL DOOR AND FRAME PER 09 91 00.
07	A	3' - 0"	7' - 0"	1 3/4"	HM	HM	TYPE A	3/A6.1	3/A6.1	1/A6.1	HWG1	PAINT HOLLOW METAL DOOR AND FRAME PER 09 91 00.
OD1	B	20' - 0"	16' - 0"	2"	MTL			1/A5.1 (SIM)	1/A5.1			COORDINATE MOTOR OPERATOR REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
OD2	B	20' - 0"	16' - 0"	2"	MTL			1/A5.1 (SIM)	1/A5.1			COORDINATE MOTOR OPERATOR REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
OD3	B	20' - 0"	20' - 0"	2"	MTL			1/A5.1 (SIM)	1/A5.1			COORDINATE MOTOR OPERATOR REQUIREMENTS WITH ELECTRICAL CONTRACTOR.



Port of Tacoma
P.O. BOX 1007 TACOMA, WA 98404-1007

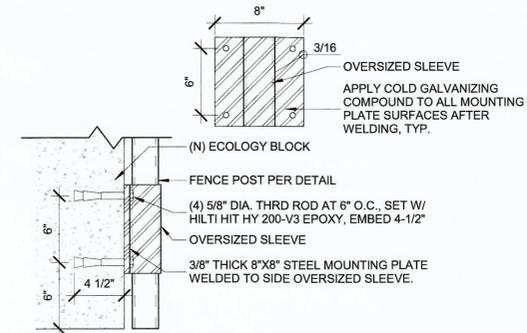
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1001 SW KLUCKITAT WAY, STE. 204
SEATTLE, WA 98134 | (206) 631-8442

DATE: _____
APPR: _____
BY: _____
REVISION: _____

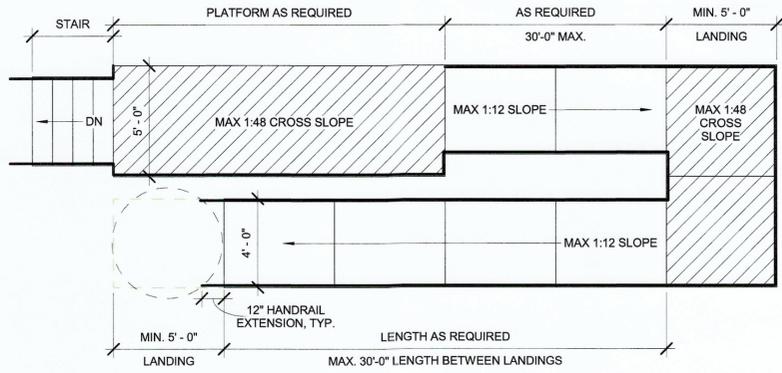
REGISTERED ARCHITECT
JERRY D. COBURN
STATE OF WASHINGTON
6273

- MODULAR RAMP AND STAIR NOTES:**
- RAMP AND STAIR STANDARDS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR AND/OR MODULAR BUILDING MANUFACTURER ARE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL STAIRS AND ACCESSIBLE RAMPS.
 - ALL RAMPS AND STAIRS SHALL BE OSHA AND ADA COMPLIANT.
 - PROVIDE SHOP DRAWINGS DESIGNED AND STAMPED BY A WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER. CONTRACTOR TO SUBMIT AND OBTAIN ALL AHJ APPROVALS.
 - ALL RAMP AND STAIR COMPONENTS SHALL BE FABRICATED FROM ALUMINUM.
 - CONTRACTOR TO PROVIDE TRANSITION AT TOE END OF RAMPS.
 - PROVIDE BLOCKING AND LEVELING AS NEEDED.

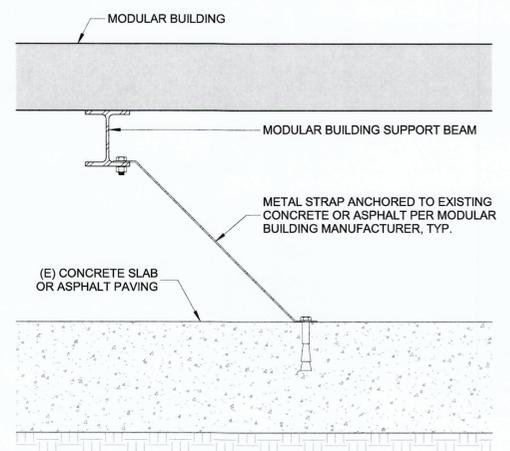
- MODULAR BUILDING FOUNDATION NOTES:**
- ANCHORING TO MEET LOCAL CODE REQUIREMENTS SHALL BE UTILIZED TO SECURE THE MODULAR BUILDING TO THE GROUND. CONTRACTOR TO SUBMIT AND OBTAIN ALL AHJ APPROVALS.
 - ANCHORING DETAILS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR AND/OR MODULAR BUILDING MANUFACTURER ARE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL REQUIRED FOUNDATIONS, ANCHORS, PIERS, AND RELATED SUPPORTS.
 - PROVIDE FOUNDATION SHOP DRAWINGS DESIGNED AND STAMPED BY A WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER.
 - PROVIDE BLOCKING AND LEVELING AS NEEDED.



7 FENCE BRACE AT ASPHALT
A6.1 1 1/2" = 1'-0"

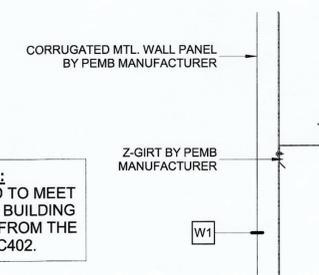


4 MODULAR RAMP STANDARDS
A6.1 NTS

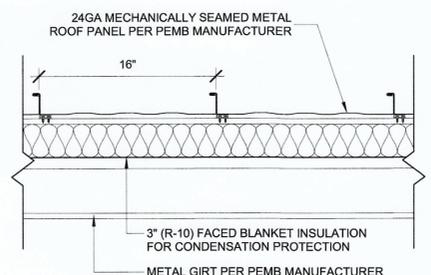


2 MODULAR ANCHOR NOTES
A6.1 NTS

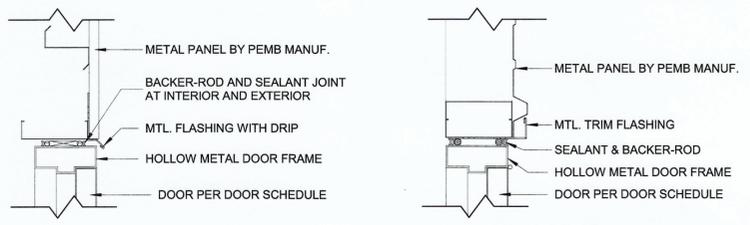
WSEC BUILDING ENVELOPE COMPLIANCE:
HEATING SYSTEMS HAVE BEEN DESIGNED TO MEET THE REQUIREMENTS FOR A LOW ENERGY BUILDING PER C402.1.1.1. THE BUILDING IS EXEMPT FROM THE ENERGY CODE PROVISIONS OF SECTION C402.



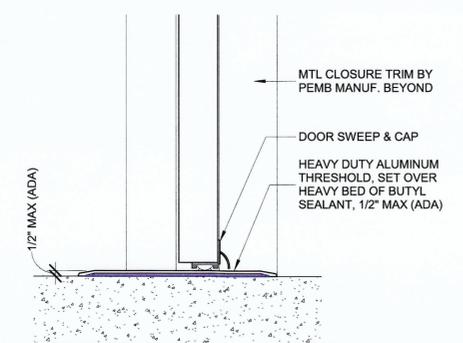
6 WALL TYPE W1
A6.1 1 1/2" = 1'-0"



5 ROOF TYPE R1
A6.1 1 1/2" = 1'-0"



3 TYPICAL DOOR DETAILS
A6.1 1 1/2" = 1'-0"



1 TYPICAL DOOR THRESHOLD
A6.1 3" = 1'-0"

EBC SILVERBACK
TEMPORARY RELOCATION
SCHEDULES AND DETAILS

6710 OF 18 OF 41
A6.1

CONT/CONS: 000000292 TOWNSHIP: 21 RANGE: 03 SECTION: 27
M. ID: 101686.01 DAT-HRZ: WA83-SF VERT: AS INDICATED
PHASE: BID SET

CHECKED BY: DATE: 03/10/2026
PROJ. ENGR: DATE: _____
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GENERAL NOTES

THE FOLLOWING NOTES APPLY EXCEPT WHERE SHOWN OTHERWISE

CODE: INTERNATIONAL BUILDING CODE IBC (2021)

STRUCTURAL LOADS

ROOF LOADS: SEE LOADING DIAGRAMS ON SHEET S1.1

ROOF SNOW LOADS: GROUND SNOW LOAD, $P_g = 25\text{PSF}$
SNOW EXPOSURE FACTOR, $C_e = 1.0$
SNOW LOAD IMPORTANCE FACTOR, $I_s = 1.0$
THERMAL FACTOR, $C_t = 1.0$

WIND LOADS: ULTIMATE WIND SPEED, $V_{ult} = 97\text{MPH}$
RISK CATEGORY: II
WIND IMPORTANCE FACTOR, $I_w = 1.00$
WIND EXPOSURE: 'C'
 $K_{zt} = 1$
INTERNAL PRESSURE COEFFICIENT = ± 0.18

EARTHQUAKE LOADS: SEISMIC RISK OCCUPANCY CATEGORY: II
SEISMIC IMPORTANCE FACTOR, $I_e = 1.00$
MAPPED ACCELERATIONS, $S_s = 1.33$ $S_1 = 0.46$
SITE CLASS = D
DESIGN ACCELERATIONS, $S_{ds} = 1.06$ $S_{d1} = N/A$
SEISMIC DESIGN CATEGORY: D

SHOP DRAWINGS

SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT, BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED, AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED. SUBMITTAL REVIEW IS FOR GENERAL CONFORMANCE ONLY; THIS REVIEW DOES NOT CHECK DIMENSIONS OR QUANTITIES.

ANCHORAGE TO HARDENED CONCRETE:

WHERE EXPANSION ANCHORS ARE SPECIFIED, USE "HILTI KWIK BOLT TZ" (REFERENCE ICC REPORT ESR-1917.)

WHERE SCREW ANCHORS ARE SPECIFIED, USE "SIMPSON TITEN HD" (REFERENCE ICC REPORT ESR-2713).

WHERE EPOXY ANCHORS ARE SPECIFIED, USE "HILTI HY-200" OR "SIMPSON SET-3G" (REFERENCE ICC REPORT ESR-3187 AND ESR-4057). "HILTI HIT-RE 500", AND "SIMPSON SET" MAY NOT BE USED, UNLESS SPECIFICALLY PRE-APPROVED BY THE STRUCTURAL ENGINEER.

FOR EPOXY ANCHORS, USE ASTM A193 GRADE B7 THREADED ROD, UNLESS OTHERWISE NOTED. HOLES MUST BE CLEANED OF DUST AND DEBRIS AND BE FREE OF STANDING WATER WHEN EPOXY IS INSTALLED. SPECIAL INSPECTION OF EPOXY ANCHORS IS REQUIRED. DO NOT CUT ANY REINFORCING BARS TO INSTALL ANCHORS. DEFECTIVE HOLES SHALL BE FILLED SOLID WITH EPOXY.

FOR ANY SUBSTITUTIONS TO THE ABOVE, THE CONTRACTOR SHALL SUBMIT TO THE STRUCTURAL ENGINEER MANUFACTURER'S LITERATURE DESCRIBING THE ANCHORS AND LISTING ICC APPROVED ALLOWABLE SHEAR AND TENSION VALUES.

STRUCTURAL STEEL:

CHANNELS, ANGLES, AND PLATES TO BE ASTM A36, $F_y = 36$ KSI; UNO.
PIPE COLUMNS TO BE ASTM A53, GRADE B, $F_y = 35$ KSI.
HSS RECTANGULAR AND SQUARE STRUCTURAL TUBE TO BE ASTM A500, GRADE B, $F_y = 46$ KSI.
HSS ROUND STRUCTURAL TUBE TO BE ASTM A500, GRADE B, $F_y = 42$ KSI.

ALL STEEL EXCEPT STEEL EMBEDDED IN CONCRETE SHALL BE GIVEN ONE SHOP COAT OF APPROVED PAINT. WELDS TO BE 3/16" MINIMUM CONTINUOUS FILLET, BY CERTIFIED WELDERS USING E70XX ELECTRODES. ALL WELDING SHALL BE PERFORMED IN STRICT ADHERENCE TO A WRITTEN WELDING PROCEDURE SPECIFICATION (WPS) PER AWS D1.1. ALL WELDING PARAMETERS SHALL BE WITHIN THE ELECTRODE MANUFACTURER'S RECOMMENDATIONS. WELDING PROCEDURES SHALL BE SUBMITTED TO THE OWNER'S TESTING AGENCY FOR REVIEW BEFORE STARTING FABRICATION OR ERECTIONS. COPIES OF THE WPS SHALL BE ON SITE AND AVAILABLE TO ALL WELDERS AND THE SPECIAL INSPECTOR.

ANCHOR BOLTS EMBEDDED IN CONCRETE OR MASONRY ARE ASTM F1554 GRADE 36, UNLESS OTHERWISE NOTED. USE HEADED ANCHOR BOLTS, NOT "J" BOLTS. THREADED ANCHOR RODS ARE OK TO USE AS SUBSTITUTE, MATCH STRENGTH, DIAMETER AND EMBEDMENT DEPTH WITH PROVIDED ANCHORS. DO NOT ENLARGE HOLES IN BASE PLATE BY BURNING. BENDING OF ANCHOR BOLTS IS PERMITTED ONLY WITH THE PRIOR APPROVAL FROM THE ENGINEER.

HIGH STRENGTH ANCHOR BOLTS TO BE ASTM F1554, A354, OR ASTM A193 GRADE B7, MINIMUM YIELD STRENGTH PER DRAWINGS. NO WELDING TO OR BENDING OF HIGH STRENGTH ANCHOR BOLTS IS PERMITTED.

SCOPE OF STRUCTURAL ENGINEERING SERVICES:

THE STRUCTURAL ENGINEER HAS PERFORMED THE STRUCTURAL DESIGN AND PREPARED THE STRUCTURAL WORKING DRAWINGS FOR THIS PROJECT. THE CONSTRUCTION MUST BE PERFORMED IN STRICT ACCORDANCE WITH THE STRUCTURAL DRAWINGS. ANY DEVIATION FROM THE DRAWINGS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER. ERRORS AND/OR OMISSIONS FOUND ON THE STRUCTURAL DRAWINGS MUST BE BROUGHT TO THE STRUCTURAL ENGINEER'S ATTENTION IMMEDIATELY.

ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. PRIMARY STRUCTURAL ELEMENTS ARE DIMENSIONED ON THE STRUCTURAL PLANS AND DETAILS. THE GENERAL CONTRACTOR SHALL VERIFY AND COORDINATE DIMENSIONS AMONG ALL DRAWINGS. ANY DISCREPANCIES, CONTRADICTIONS, OR OMISSIONS SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION PRIOR TO PROCEEDING WITH WORK OR FABRICATION OF THE ITEM(S) IN QUESTION.

THE STRUCTURAL ENGINEER IS RESPONSIBLE FOR THE DESIGN OF THE PRIMARY STRUCTURAL SYSTEM, EXCEPT FOR ANY COMPONENTS NOTED ABOVE. RESPONSIBILITY FOR ANY SECONDARY STRUCTURAL AND NON-STRUCTURAL SYSTEMS NOT SHOWN ON THE STRUCTURAL PLANS RESTS WITH SOMEONE OTHER THAN THE STRUCTURAL ENGINEER.

THE STRUCTURE SHOWN ON THESE DRAWINGS IS STRUCTURALLY SOUND ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BRACING TO STABILIZE THE BUILDING DURING CONSTRUCTION.

THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR, AND WILL NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK, NOR WILL HE BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

FIELD MEASUREMENTS AND THE VERIFICATION OF FIELD DIMENSIONS ARE NOT PART OF THE STRUCTURAL ENGINEER'S RESPONSIBILITY. THE CONTRACTOR MUST CHECK ALL (ASSUMED) EXISTING CONDITIONS SHOWN ON THESE DRAWINGS FOR ACCURACY AND NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES.

OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OR THE INADVERTENT MISLABELING OF DETAILS OF WORK WHICH ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, OR WHICH ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR INADVERTENT MISLABELED DETAILS OF THE WORK BUT THEY SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FORTH AND DESCRIBED IN THE DRAWINGS AND SPECIFICATIONS.

PEMB DESIGN:

BUILDER PROVIDE A COMPLETE PACKAGE WITH ALL NEEDED PERMANENT AND TEMPORARY BRACING AND ACCESSORIES. PROVIDE CALCULATIONS AND DRAWINGS SIGNED BY AN ENGINEER LICENSED IN WASHINGTON.

SPECIAL INSPECTION SCHEDULE

REQUIRED INSPECTIONS, VERIFICATION AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS	PERIODIC	REFERENCE STANDARD	IBC REFERENCE
INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS (b)				
a. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS	X		ACI 318: 17.8.2.4	
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN (a)		X	ACI 318: 17.8.2	

REQUIRED INSPECTIONS AND VERIFICATIONS FOR STEEL CONSTRUCTION

TYPE	FREQUENCY OF INSPECTIONS	REFERENCE STANDARD
1. THE FABRICATOR'S QCI SHALL INSPECT THE FOLLOWING AS A MINIMUM, AS APPLICABLE:		AISC 360 CH. M AND N
a. SHOP WELDING, HIGH STRENGTH BOLTING.	PER AISC	SECTION N5
b. SHOP CUT AND FINISHED SURFACES.	PER AISC	SECTION M2
c. SHOP HEATING FOR STRAIGHTENING, CAMBERING AND CURVING.	PER AISC	SECTION M2.1
d. TOLERANCES FOR SHOP FABRICATION.	PER AISC	CODE OF STANDARD PRACTICE SECTION 6.4
2. THE ERECTOR'S QCI SHALL INSPECT THE FOLLOWING AS A MINIMUM, AS APPLICABLE:		
a. FIELD WELDING	PER AISC	SECTION N5

STRUCTURAL SUBMITTAL: REPORTS, CERTIFICATES, AND OTHER DOCUMENTS RELATED TO STRUCTURAL SPECIAL INSPECTIONS AND TESTS AS STATED BELOW AND AS PERFORMED PER SCHEDULE PROVIDED ON THIS SHEET SHOULD BE SUBMITTED BY CONTRACTOR TO THE BUILDING DEPARTMENT. THE CERTIFICATES OF COMPLIANCE ARE REQUIRED TO STATE THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

NOTE:

- ALL TESTING AND INSPECTIONS AS STIPULATED IN THIS SHEET TO BE CONDUCTED ONLY BY QUALIFIED SPECIAL INSPECTORS AS STATED IN SECTION N4 OF AISC 360.
- SPECIAL INSPECTION IS PERMITTED TO BE WAIVED OFF WHEN FABRICATION OF STRUCTURAL STEEL IS PERFORMED IN A SHOP OR BY AN ERECTOR APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION IN ACCORDANCE WITH IBC 2018 SECTION 1704.2.5.1 (AND SECTION N6 AISC 360).



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1001 SW KLUCKITAT WAY, STE. 204
SEATTLE, WA 98134 | (206) 631-8442



APPROVED: *David S. Jones*
DIRECTOR ENG. DATE: JIM
PRINTED BY: 407 E. ALEXANDER AVE
PORT ADDRESS: TACOMA, WA 98422

EBC SILVERBACK
GENERAL NOTES AND SPECIAL INSPECTIONS

19 OF 41
CONT/CONS: 00000292
M. ID: 101686.01
PHASE: PERMIT SUBMITTAL

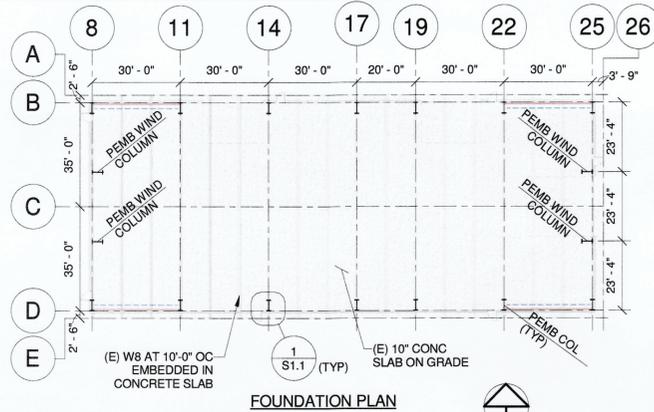
TOWNSHIP: 21
RANGE: 03
SECTION: 27
DATE-HRZ: WAB3-SF
VERT: AS INDICATED
DRAWING SCALE:

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7614 195TH SW, SUITE 201
EDMONDS, WA 98026
P: 206.622.4580
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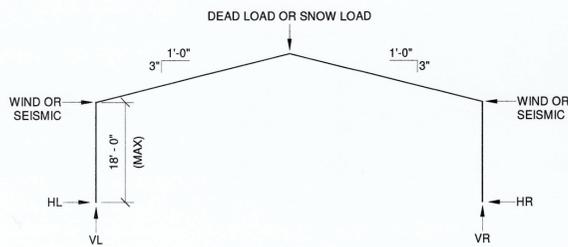
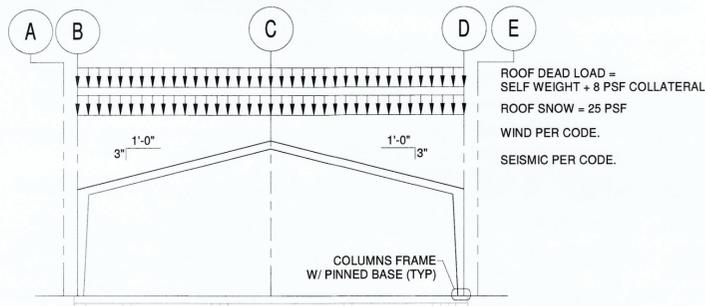
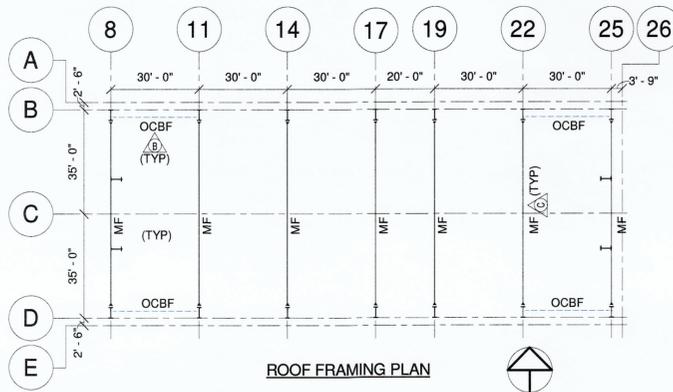
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LOADING DIAGRAMS



- NOTES FOR PEMB DESIGN / BUILDER**
- DESIGN FOR LOADS AS STIPULATED ON S1.0 AND AS SHOWN IN LOADING DIAGRAMS.
 - SEE S1.1 FOR ASSUMED LATERAL LOAD RESISTING SYSTEM USED FOR FOUNDATION DESIGN.
 - MF-MOMENT FRAME.
 - OCBF-ORDINARY CONCENTRIC BRACED FRAME.

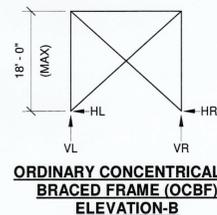
- FOUNDATION DESIGN**
- EXISTING FOUNDATION FOR THIS CLOSED STRUCTURE HAS BEEN ANALYZED FOR THE LOADS SPECIFIED ABOVE.
 - BUILDING'S LATERAL FORCE RESISTING SYSTEM IS CONSIDERED AS ORDINARY MOMENT FRAME W/ PINNED BASE IN SHORTER DIRECTION AND ORDINARY STEEL CONCENTRICALLY BRACED FRAMES IN LONGER DIRECTION.
 - COLUMN REACTIONS HAVE BEEN DEDUCED BASED ON ABOVE LOADS & EXISTING FOUNDATION HAS BEEN DESIGN CHECKED FOR THESE REACTIONS.
 - IN CASE OF ANY REVISION PLEASE REPORT TO ENGINEER OF RECORD BEFORE PROCEEDING FURTHER.



RIGID FRAME REACTIONS (KIPS)

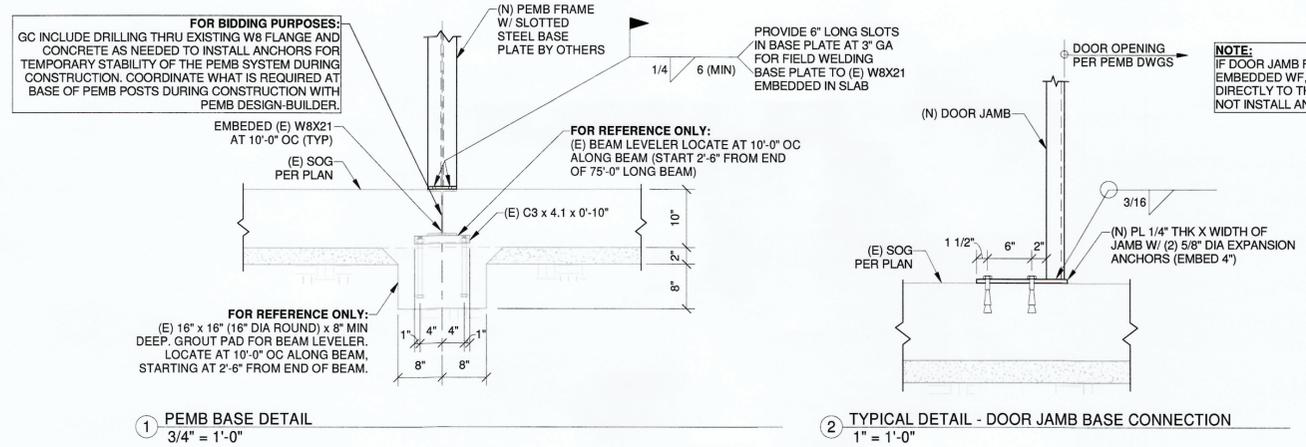
	DEAD LOAD		SNOW LOAD		WIND LOAD*		SEISMIC LOAD*	
	VL	VR	HL	HR	VL	VR	HL	HR
INTERIOR BAY	17.20	7.90	28.60	13.15	-21.3	-5.44	-2.83	-5.50
END BAY	8.60	3.95	14.30	6.57	-6.4	-2.72	-1.42	-2.75
WIND COL	5.2	-	8.67	-	-8.2	-7.2	-	-

* WIND AND SEISMIC LOADS ARE SPECIFIED AT STRENGTH LEVEL PER ASCE7-16.



BRACED FRAME REACTIONS (KIPS)

WIND LOAD		SEISMIC LOAD	
VL	VR	HL	HR
-22.55	-1.71	-10.47	-8.72



- NOTES**
- GC INCLUDE SURVEY OF THE EXISTING W8 EMBEDDED BEAMS AND VERIFY THESE ARE LEVEL TO RECEIVE THE PEMB SYSTEM; ADVISE ENGINEER IF NOT LEVEL.
 - FOR BIDDING PURPOSES: GC ASSUME SOME FIELD WELDED STEEL SHIMS WILL BE REQUIRED TO LEVEL THE BUILDING. ASSUME 1/2" SHIMS AT 50% OF COLUMN LOCATION.



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1001 SW KLUCKITAT WAY, STE. 204
SEATTLE, WA 98134 | (206) 831-8442



APPROVED: *Mark David Stiles*
DIRECTOR ENG. DATE: JUN
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TACOMA, WA 98422

EBC SILVERBACK
LOADING DIAGRAMS AND DETAILS

TOWNSHIP: 21
RANGE: 03
SECTION: 27
DATE-HRZ: WA83-SF
PARCEL: AS INDICATED

S1.1
20 OF 41

CONT/CONS: 00000292
M. ID: 101686.01
PHASE: PERMIT SUBMITTAL

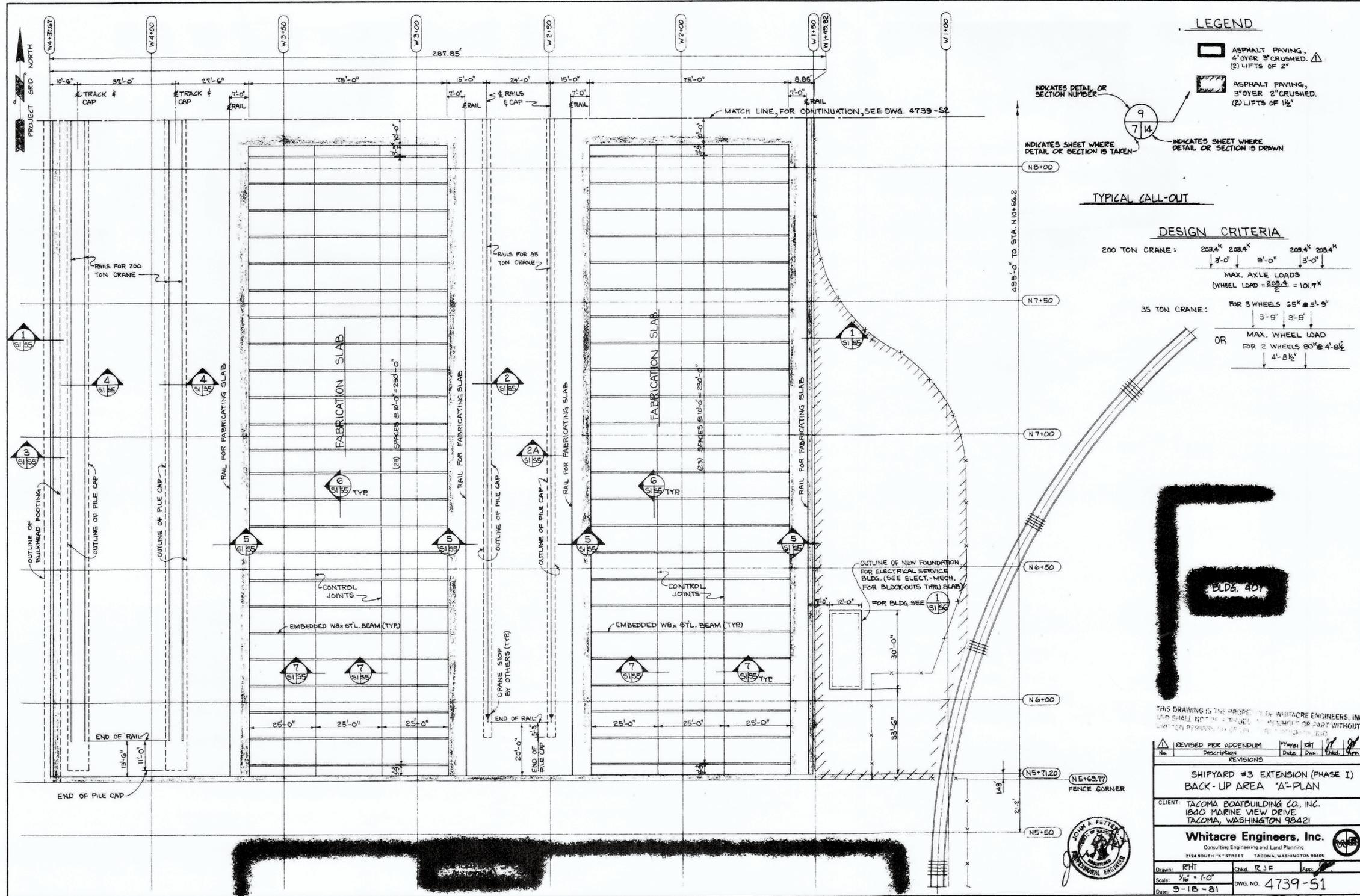
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FOR REFERENCE ONLY

NOTE:
THIS PLAN IS ROTATED 90 DEGREES FROM
PEMB PLAN ON PREVIOUS SHEET:



1 (E) SLAB PLAN

LEGEND

- ASPHALT PAVING, 4" OVER 3" CRUSHED, (2) LIFTS OF 2"
- ASPHALT PAVING, 3" OVER 2" CRUSHED, (2) LIFTS OF 1 1/2"

TYPICAL CALL-OUT

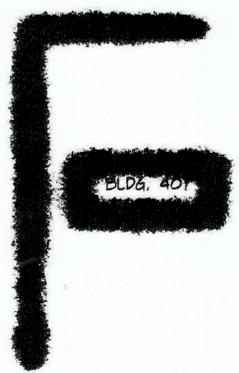
DESIGN CRITERIA

200 TON CRANE: 203A^K 208A^K 209A^K 208A^K

MAX. AXLE LOADS
WHEEL LOAD = 200A^K = 101.7K

35 TON CRANE: FOR 3 WHEELS 65K @ 3'-9"

OR
MAX. WHEEL LOAD FOR 2 WHEELS 80K @ 4'-8 1/2"



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NO.	REVISIONS	DATE	BY	CHKD.	APP.
1	REVISED PER ADDENDUM	1/11/81	RJT		

SHIPYARD #3 EXTENSION (PHASE I)
BACK-UP AREA 'A'-PLAN

CLIENT: TACOMA BOATBUILDING CO., INC.
1840 MARINE VIEW DRIVE
TACOMA, WASHINGTON 98421

Whitacre Engineers, Inc.
Consulting Engineering and Land Planning
2124 SOUTH "K" STREET TACOMA, WASHINGTON 98405

Drawn: RHT
Scale: 1/4" = 1'-0"
Date: 9-18-81

Checked: R J F
App: [Signature]

DWG. NO. 4739-S1



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SEATTLE, WA 98134 | (206) 651-8442



APPROVED: [Signature]
DIRECTOR ENGR. DATE: JUM
PRINTED BY: 407 E. ALEXANDER AVE
PORT ADDRESS: TACOMA, WA 98422

EBC SILVERBACK
REFERENCE RECORD
DRAWING

RANGE: 03 SECTION: 27
TOWNSHIP: 21 DAT-HRZ: WA483-SF
VERT: DRAWING SCALE: AS INDICATED

S1.2
21 OF 41
CONT/COONS: 00000092
M.I.D.: 101686.01
PHASE: PERMIT SUBMITTAL

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MECHANICAL ENERGY CODE NOTES

- MECHANICAL SYSTEMS HAVE BEEN DESIGNED PER THE REQUIREMENTS OF THE FOLLOWING CODES:
 - 2021 WASHINGTON STATE ENERGY CODE (WASHINGTON ADMINISTRATIVE CODE (WAC) CHAPTER 51-11C)
 - 2021 INTERNATIONAL BUILDING CODE WITH WASHINGTON STATE AMENDMENTS (WAC CHAPTER 51-50)
 - 2021 INTERNATIONAL MECHANICAL CODE WITH WASHINGTON STATE AMENDMENTS (WAC CHAPTER 51-52)
 - 2021 UNIFORM PLUMBING CODE WITH WASHINGTON STATE AMENDMENTS (WAC CHAPTER 51-56)
 - 2021 INTERNATIONAL FUEL GAS CODE WITH WASHINGTON STATE AMENDMENTS (WAC CHAPTER 51-52)
 - 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- HEATING SYSTEMS HAVE BEEN SIZED IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICES AND AS REQUIRED BY 2021 WSEC SECTION C402.1.1.1 LOW ENERGY BUILDINGS. HVAC SYSTEMS HAVE BEEN DESIGNED TO PROVIDE A PEAK DESIGN RATE OF 3.4 BTU/H PER SF OR 1.0 WATT PER SF.
- OUTSIDE AIR VENTILATION AND EXHAUST SHALL BE PROVIDED IN ACCORDANCE WITH 2021 IMC WITH WASHINGTON STATE AMENDMENTS TABLE 403.3.1.1 (OR TABLE 403.4.2 FOR RESIDENTIAL) FOR MINIMUM REQUIRED RATES AND NO MORE THAN 150% OF THE MINIMUM RATES PER 2021 WSEC SECTION C403.2.2.1.
- CONTROLS FOR SYSTEMS THAT DO NOT OPERATE CONTINUOUSLY SHALL BE CAPABLE OF PROVIDING SEVEN DAY PROGRAMMABLE TEMPERATURE SETTINGS, AUTOMATIC SETBACK AND SHUTOFF AND OPTIMUM START AS REQUIRED BY 2021 WSEC SECTION C403.4.2.
- MOTORIZED DAMPERS SHALL BE PROVIDED FOR POSITIVE SHUT OFF AS REQUIRED BY 2021 WSEC SECTION C403.7.8.1, INCLUDING MAXIMUM LEAKAGE RATES. GRAVITY DAMPERS USED FOR OUTSIDE AIR INTAKE SHALL BE PROTECTED FROM WIND INFLUENCES.
- PROVIDE WITH AT LEAST 70% EFFICIENT OR ELECTRONICALLY COMMUTATED MOTOR (ECM) AS REQUIRED BY 2021 WSEC SECTION C405.8 FOR FRACTIONAL HORSEPOWER FAN MOTORS THAT ARE 1/12 HORSEPOWER AND LARGER AND ARE NOT OTHERWISE REGULATED BY THE CODE.
- COPIES OF ALL APPLICABLE SERVICE AND EQUIPMENT DATA, AND PROJECT DOCUMENTATION THAT RELATES, SHALL BE PROVIDED TO THE BUILDING OWNER AND/OR THEIR REPRESENTATIVES WITHIN 90 DAYS OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY AS REQUIRED BY 2021 WSEC SECTION C103.6 INCLUDING:
 - RECORD DRAWINGS DEPICTING FINAL INSTALLATION CONFIGURATIONS OF SYSTEMS AND EQUIPMENT
 - OPERATION AND MAINTENANCE EQUIPMENT MANUALS INCLUDING: MANUFACTURER'S INFORMATION ON SPECIFIC MODEL NUMBERS AND OPTIONS INSTALLED, CONTROLS DATA INCLUDING CALIBRATION AND DESIGN SETPOINT INFORMATION, AND RECOMMENDED MAINTENANCE SCHEDULE WITH A REPUTABLE SERVICE CONTRACTOR'S CONTACT INFORMATION.
 - REPORTS SUCH AS START-UP AND/OR PRESSURE TESTING DATA AS APPLICABLE.
 - TRAINING OF THE MAINTENANCE STAFF SHALL BE PROVIDED, INCLUDING REVIEW OF DOCUMENTATION, HANDS-ON DEMONSTRATION OF OPERATION AND START-UP PROCEDURES AS WELL AS A TRAINING COMPLETION REPORT.

OTHER CODE NOTES

AMERICANS WITH DISABILITIES ACT

- ROOM THERMOSTATS, SENSORS AND SWITCHES SHALL BE MOUNTED ON WALLS NO MORE THAN 48" ABOVE FINISHED FLOOR FOR ADA ACCESSIBILITY.

ASHRAE 62.1

- PRODUCT CONVEYING EXHAUST DUCTWORK THAT IS LOCATED IN AN OCCUPIED SPACE SHALL BE UNDER NEGATIVE PRESSURE OR SHALL BE SEALED TO SMACNA SEAL CLASS 'A' AS REQUIRED BY ASHRAE 62.1.

INTERNATIONAL BUILDING CODE

- PROVIDE SEISMIC BRACING AND SUPPORTS IN ACCORDANCE WITH THE 2021 IBC FOR SEISMIC DESIGN CATEGORY D AND BASED ON A SEISMIC IMPORTANCE FACTOR OF 1.0 FOR ALL SYSTEMS, EXCEPT THE GAS PIPING SHALL USE AN IMPORTANCE FACTOR OF 1.5.
- THROUGH PENETRATIONS OF FIRE-RESISTANCE RATED ASSEMBLIES SHALL COMPLY WITH 2021 IBC SECTION 714.4.1 AND 714.5.1; REFER TO THE ARCHITECTURAL DRAWINGS FOR LOCATIONS. MEMBRANE PENETRATIONS OF FIRE RESISTANCE RATED WALLS AND ASSEMBLIES SHALL COMPLY WITH 2021 IBC SECTIONS 714.4.2 AND 714.5.2.

INTERNATIONAL MECHANICAL CODE

- MAINTAIN 10'-0" MINIMUM DISTANCE BETWEEN AIR INTAKE OPENINGS AND PLUMBING VENTS, EXHAUST AND COMBUSTION AIR OUTLETS AS REQUIRED BY 2021 IMC WITH WASHINGTON STATE AMENDMENTS SECTION 401.4.

GENERAL NOTES

- THE FOLLOWING NOTES APPLY TO ALL MECHANICAL DRAWINGS. ADDITIONAL MECHANICAL NOTES MAY BE INDICATED ON EACH MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWING. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL DETAILS.
- REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR GENERAL CONSTRUCTION INCLUDING LOUVERS, CONCRETE EQUIPMENT PADS, FLASHING DETAILS, ETC.
- ENGINEERED DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT NECESSARILY REFLECT EVERY REQUIRED OFFSET, FITTING OR ACCESSORY. REFER TO SYSTEM SCHEMATIC DIAGRAMS FOR ADDITIONAL DESIGN INFORMATION INCLUDING VALVE SIZES AND LOCATIONS.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BEGINNING WORK IN ORDER TO OBSERVE EXISTING CONDITIONS. VERIFY EXACT SIZE, LOCATION AND CONDITION OF ALL EXISTING SYSTEMS, DUCTS, PIPES, UTILITIES AND BUILDING STRUCTURE. VERIFY VOLTAGES AT THE SITE PRIOR TO ORDERING ANY EQUIPMENT.
- ARRANGE MECHANICAL EQUIPMENT SO THAT NO LESS THAN THE MINIMUM OPERATING AND SERVICE CLEARANCES ARE PROVIDED AS REQUIRED BY CODE AND/OR THE EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- ALL MECHANICAL EQUIPMENT THAT REQUIRE ELECTRICAL CONNECTION SHALL HAVE AN 8-1/2" X 11" LAMINATED SIGN PERMANENTLY MOUNTED ON THE ELECTRICAL ENCLOSURES THAT INDICATES: "THIS EQUIPMENT MUST HAVE A MINIMUM ACCESS OF 36" (LESS THAN 460V) AND 42" (460V AND ABOVE).
- A 120-VOLT SERVICE RECEPTACLE SHALL BE LOCATED WITHIN 25' OF EACH PIECE OF EQUIPMENT. DISCONNECT AND ALL LINE VOLTAGE SYSTEMS SHALL BE PROVIDED BY DIVISION 26.
- MECHANICAL DRAWINGS SHOW RECOMMENDED LOCATIONS FOR GRILLES AND DIFFUSERS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ROOM ELEVATIONS AND PLUMBING FIXTURE MOUNTING HEIGHTS. LOCATE MECHANICAL DEVICES SUCH AS THERMOSTATS, PANELS, ETC. SO THAT THEY DO NOT CONFLICT WITH GENERAL CONSTRUCTION, OR ELECTRICAL SYSTEM (LIGHT SWITCHES, PANELS, OUTLETS, ETC.).
- PROVIDE AIR DISTRIBUTION (SUPPLY/ RETURN/EXHAUST) SHOP DRAWINGS COORDINATED WITH OTHER TRADES. REFER TO SPECIFICATIONS FOR ADDITIONAL SHOP DRAWING REQUIREMENTS.
- SMOKE DETECTOR WIRE SHALL BE PROVIDED BY DIVISION 26; SIGNAL SHALL BE RECEIVED BY DIVISION 28. SMOKE DETECTION SHALL SHUT DOWN ASSOCIATED EQUIPMENT AND PROVIDE ALARM TO THE FIRE ALARM CONTROL PANEL.

ABBREVIATIONS

- AFF ABOVE FINISHED FLOOR
- AHJ AUTHORITY HAVING JURISDICTION
- ARCH ARCHITECT/ARCHITECTURAL
- BDD BACKDRAFT DAMPER
- BHP BRAKE HORSEPOWER
- BLDG BUILDING
- CFM CUBIC FEET PER MINUTE
- CLG CEILING
- CO CARBON MONOXIDE
- CO2 CARBON DIOXIDE
- Ø DIAMETER
- DBA DECIBELS, A-WEIGHTED
- DEG F DEGREES IN FAHRENHEIT
- DIA DIAMETER
- DWG DRAWING
- EA EXHAUST AIR OR EACH
- ECM ELECTRONICALLY COMMUTATED MOTOR
- ELECT ELECTRICAL
- ETC ET CETERA
- EXH EXHAUST
- FT FOOT OR FEET
- H HEIGHT
- HP HORSEPOWER
- HVAC HEATING, VENTILATING AND AIR-CONDITIONING
- IBC INTERNATIONAL BUILDING CODE
- IMC INTERNATIONAL MECHANICAL CODE
- IN INCHES
- KW KILOWATTS
- L LENGTH
- LBS POUNDS
- MAX MAXIMUM
- MBH 1,000 BTU/HR
- MCA MINIMUM CIRCUIT AMPS
- MD MOTORIZED DAMPER
- MECH MECHANICAL
- NA, N/A NOT APPLICABLE
- OSA OUTSIDE AIR
- RPM REVOLUTIONS PER MINUTE
- SA SUPPLY AIR
- SP STATIC PRESSURE
- SS STAINLESS STEEL
- TSTAT THERMOSTAT
- TYP TYPICAL
- UL UNDERWRITERS LABORATORIES
- UNO UNLESS NOTED OTHERWISE
- V VOLTS
- VEL VELOCITY
- WSEC WASHINGTON STATE ENERGY CODE

DUCTWORK SYMBOLS

- DUCT SECTION - SUPPLY
- DUCT SECTION - RETURN
- RECTANGULAR DUCT (INSIDE DIMENSION)
- ROUND DUCT
- FLEX CONNECTION
- LINED DUCT (INSIDE DIMENSION)
- LINED DUCT (INSIDE DIMENSION)
- 90° CONICAL SPIN-IN FITTING
- FLEXIBLE DUCT
- TURNING VANE
- CEILING DIFFUSER
- RETURN / EXHAUST / TRANSFER GRILLE OR REGISTER
- VOLUME DAMPER
- MOTORIZED DAMPER
- COMBINATION SMOKE/FIRE DAMPER
- DUCT FIRE DAMPER
- BACKDRAFT DAMPER
- SENSOR OR SCREEN FOR CONTROL
- THERMOSTAT

GENERAL SYMBOLS

- MECHANICAL EQUIPMENT IDENTIFICATION
- AIR TERMINAL MARK**
 - TYPE (SEE SCHEDULE)
 - DESIGN CFM
- DETAIL REFERENCE**
 - DETAIL NUMBER
 - DRAWING ON WHICH DETAIL IS LOCATED
- SECTION REFERENCE**
 - SECTION NUMBER
 - DRAWING ON WHICH SECTION IS LOCATED
- REVISION IDENTIFICATION
- FLAG NOTE

DRAWING INDEX	
#	DESCRIPTION
M0.1	MECHANICAL LEGEND AND NOTES
M0.2	MECHANICAL SCHEDULES
M1.1	MECHANICAL FLOOR PLAN

6710
M0.1
22 OF 41

CONT'CONS: 00000292
M. ID: 101686.01
PHASE: BID SET

**EBC SILVERBACK
TEMPORARY RELOCATION**

MECHANICAL LEGEND AND NOTES

TOWNSHIP: 21 RANGE: 03 SECTION: 27
DAT-HRZ: WA83-SF VERT:
PARCEL: As indicated

APPROVED:

DIRECTOR ENG. DATE: 02/11/2026

PRINTED BY: BN
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TACOMA, WA 98422

02/11/2026
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PROJ. ENGR. DATE

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P.O. BOX 1000 TACOMA, WA 98401-1000

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DATE: _____
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BY: _____
REVISION: _____
MARK: _____

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EXHAUST FAN SCHEDULE															
EQUIP. NO.	AREA SERVED	FAN TYPE	AIRFLOW CFM	EXT SP IN WG	MOTOR				SONES (INLET)	FEI	DRIVE	MANUFACTURER & MODEL	WEIGHT	CONTROL	NOTES
					RPM	HP (W)	VOLTS	PHASE							
EF-1	SHOP	SIDEWALL	6,000	0.5	1,172	2.0	208	1	18.1	1.33	DIRECT	GREENHECK AER-24-02-0625-VG	223	ECM MOTOR WITH REMOTE DIAL	1, 2
EF-2	SHOP	SIDEWALL	6,000	0.5	1,172	2.0	208	1	18.1	1.33	DIRECT	GREENHECK AER-24-02-0625-VG	223	ECM MOTOR WITH REMOTE DIAL	1, 2

- NOTES:
1. PROVIDE WITH DISCONNECT SWITCH.
2. PROVIDE WITH REMOTE ACCESSIBLE SPEED CONTROL DIAL 42" A.F.F.

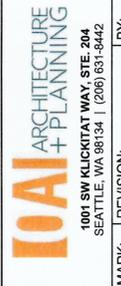
UNIT HEATER SCHEDULE - ELECTRIC												
EQUIP. NO.	AREA SERVED	TYPE	CFM	EXT TP IN WG	HEATING CAP		VOLTS	PHASE	AMPS	MAXIMUM MOUNTING HEIGHT	MANUFACTURER & MODEL	NOTES
					INPUT KW	STAGES						
UH-1	SHOP	UTILITY	520	-	3	1	208	1	15.9	8'-0" AFF	KING KBS2003-1-B1-CT24-RT	1, 2, 3
UH-2	SHOP	UTILITY	520	-	3	1	208	1	15.9	8'-0" AFF	KING KBS2003-1-B1-CT24-RT	1, 2, 3
UH-3	SHOP	UTILITY	520	-	3	1	208	1	15.9	8'-0" AFF	KING KBS2003-1-B1-CT24-RT	1, 2, 3
UH-4	SHOP	UTILITY	520	-	3	1	208	1	15.9	8'-0" AFF	KING KBS2003-1-B1-CT24-RT	1, 2, 3

- NOTES:
1. PROVIDE 24V REMOTE THERMOSTAT.
2. PROVIDE WALL MOUNTING BRACKET.
3. HEATING SYSTEMS HAVE BEEN SIZED IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICES AND AS REQUIRED BY 2021 WSEC SECTION C402.1.1.1 LOW ENERGY BUILDINGS. HVAC SYSTEMS HAVE BEEN DESIGNED TO PROVIDE A PEAK DESIGN RATE OF 3.4 BTU/H PER SF OR 1.0 WATT PER SF.

LOUVER SCHEDULE								
EQUIP TAG	APPLICATION	CFM	FREE AREA (SQ. FT.)	FREE AREA AIR VELOCITY (FPM)	STATIC PRESSURE (IN. W.G.)	LOUVER SIZE (IN.)	MANUFACTURER & MODEL	NOTES
L-1	INTAKE	6,000	9.95	603	0.047	48 x 48	RUSKIN ELF6350DMP	1
L-2	INTAKE	6,000	9.95	603	0.047	48 x 48	RUSKIN ELF6350DMP	1
L-3	EXHAUST	6,000	5.32	1129	0.2	36 x 36	RUSKIN ELF6350DMP	2
L-4	EXHAUST	6,000	5.32	1129	0.2	36 x 36	RUSKIN ELF6350DMP	2

- NOTES:
1. PROVIDE WITH CLASS 1 MOTORIZED DAMPER INTERLOCKED WITH EF-1 AND EF-2.
2. PROVIDE WITH BACKDRAFT DAMPER.

HVAC DUCT SPECIFICATION (WSEC): CLIMATE ZONE 4C									
DUCT SYSTEM	PRESSURE CLASS	DUCT MATERIALS	FITTINGS	FLEX DUCT/ FLEX CONNECTION	SEAL CLASS	CLEANLINESS DURING CONSTRUCTION	INSULATION	LINING MATERIALS	SEISMIC IMPORTANCE FACTOR
HVAC LOW PRESSURE SUPPLY; FURNACE TO AIR TERMINALS	SMACNA +2" PRESSURE	GALVANIZED DUCT: GAUGE AND REINFORCEMENT SHALL BE SMACNA OR BETTER	ELBOWS: PURCHASED ADJUSTABLE ELBOWS IN ACCORDANCE WITH SMACNA +2" STANDARDS	8" MAXIMUM LENGTH WITH NO OFFSETS USE THERMA FLEX, GKM OR EQUAL	SMACNA SEAL CLASS LEVEL C 1/2" NO SEAL	FOLLOW BASIC "LEVEL A" SMACNA SMACNA GUIDELINES	SUPPLY AIR DUCT WITHIN CONDITIONED SPACE: R-3.3	PROVIDE 1" INTERIOR LINING WHERE INDICATED ON PLANS	IP=10
HVAC LOW PRESSURE RETURN; AIR TERMINALS TO FURNACE	SMACNA -2" PRESSURE	SMACNA +2" PRESSURE ROUND MAY BE SNAPLOCK	CONICAL SPIN-IN FITTINGS ON ROUND BRANCHED DUCTS	FLEX AT EQUIPMENT CONNECTIONS TO COMPLY WITH SPEC APPLICABLE PRESSURE LEVEL C CLASS			RETURN AIR DUCT WITHIN CONDITION SPACE: R-8		
OUTSIDE AIR INTAKE	SMACNA -2" PRESSURE	GALVANIZED DUCT: GAUGE AND REINFORCEMENT SHALL BE SMACNA OR BETTER RECTANGULAR MAY BE S DRIVE ROUND MAY BE SNAPLOCK	ELBOWS: PURCHASED ADJUSTABLE ELBOWS IN ACCORDANCE WITH SMACNA -2" STANDARDS CONICAL SPIN-IN FITTINGS ON ROUND BRANCHED DUCTS	FLEX AT EQUIPMENT CONNECTIONS TO COMPLY WITH SPEC APPLICABLE PRESSURE LEVEL C CLASS	SMACNA SEAL CLASS LEVEL C	FOLLOW BASIC "LEVEL A" SMACNA GUIDELINES	WITHIN CONDITIONED SPACE: R-7	PROVIDE 1" INTERIOR LINING WHERE INDICATED ON PLANS	IP=10
EXHAUST LOW PRESSURE	SMACNA -2" PRESSURE	GALVANIZED DUCT: GAUGE AND REINFORCEMENT SHALL BE SMACNA OR BETTER RECTANGULAR MAY BE S DRIVE ROUND MAY BE SNAPLOCK	ELBOWS: PURCHASED ADJUSTABLE ELBOWS IN ACCORDANCE WITH SMACNA -2" STANDARDS CONICAL SPIN-IN FITTINGS ON ROUND BRANCHED DUCTS	FLEX AT EQUIPMENT CONNECTIONS TO COMPLY WITH SPEC APPLICABLE PRESSURE CLASS	SMACNA SEAL CLASS LEVEL C	FOLLOW BASIC "LEVEL A" SMACNA GUIDELINES	WITHIN CONDITIONED SPACE, UPSTREAM OF SHUT-OFF DAMPER: R-8 WITHIN CONDITIONED SPACE, DOWNSTREAM OF SHUT-OFF DAMPER: R-16	PROVIDE 1" INTERIOR LINING WHERE INDICATED ON PLANS	IP=10
VOLUME DAMPERS	N/A	SMACNA REQUIREMENTS	N/A	N/A	PER APPLICABLE DUCT SYSTEM	PER APPLICABLE DUCT SYSTEM	PER APPLICABLE DUCT SYSTEM	N/A	N/A



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EBC SILVERBACK
TEMPORARY RELOCATION
MECHANICAL SCHEDULES

6710
M0.2
23 OF 41

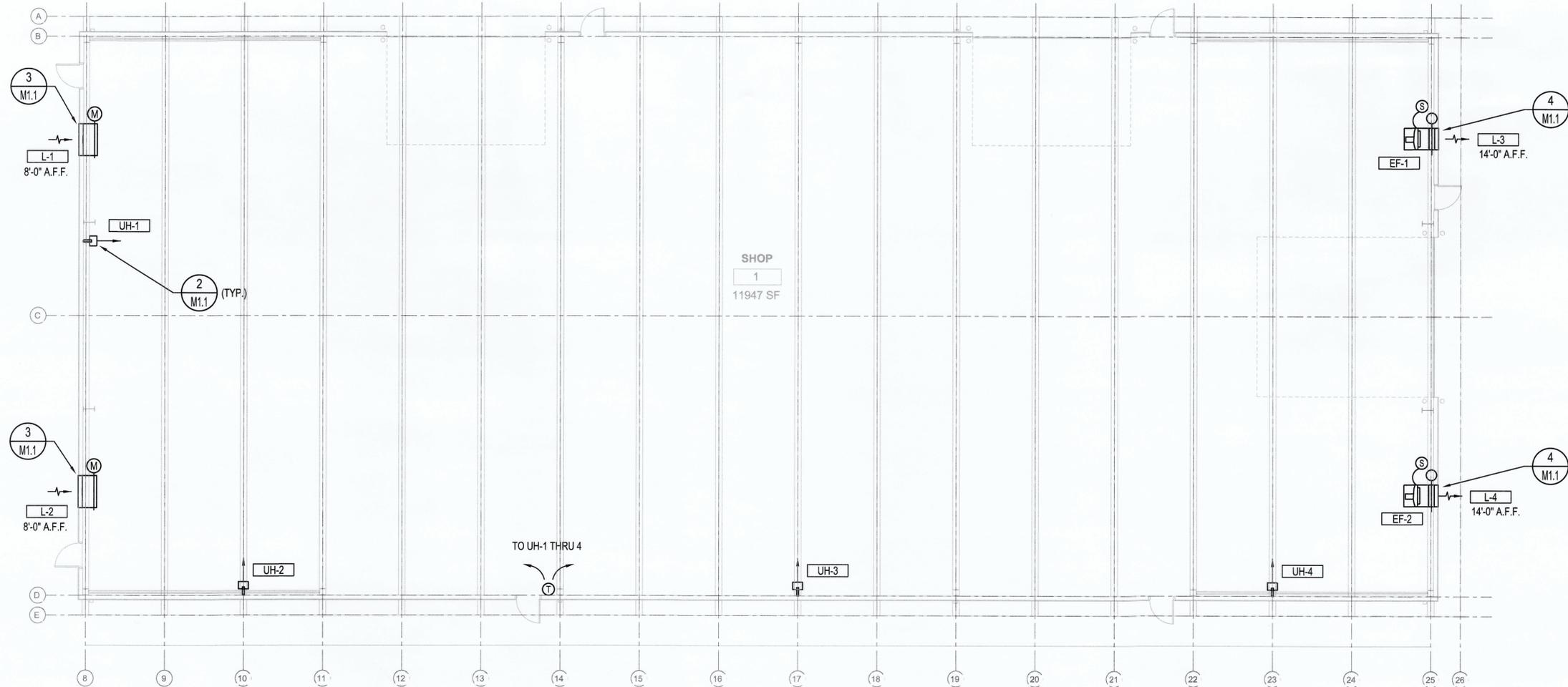
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M.I.D.: 101686.01
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TOWNSHIP: 21
DATE-HRZ: WA83-SF
PARCEL:

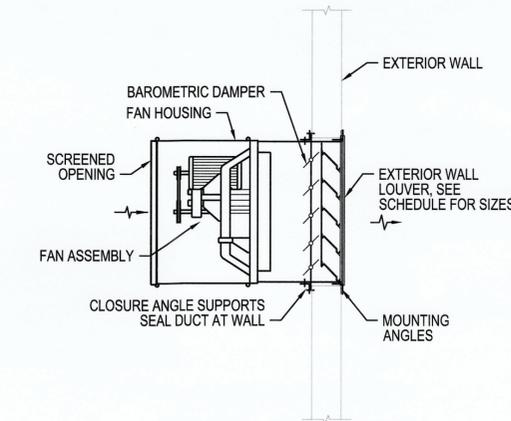
RANGE: 03
SECTION: 27
DRAWING SCALE: As indicated

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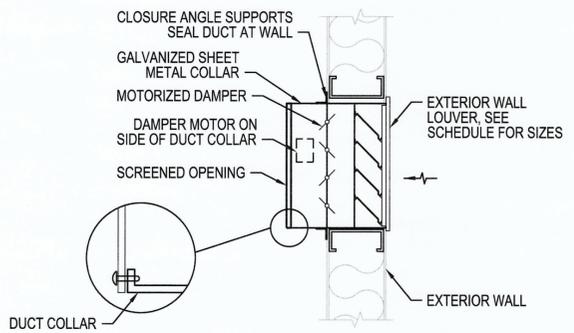
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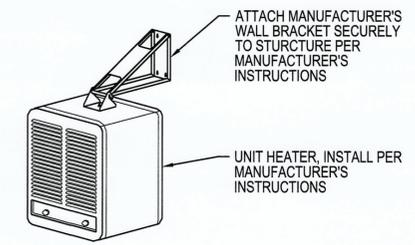
1 MECHANICAL FLOOR PLAN
 M1.1 SCALE: 1/8" = 1'-0"



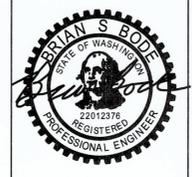
4 EXHAUST FAN DETAIL
 M1.1 SCALE: NOT TO SCALE



3 WALL AIR INTAKE GRILLE DETAIL
 M1.1 SCALE: NOT TO SCALE



2 WALL MOUNTED ELECTRIC HEATER
 M1.1 SCALE: NOT TO SCALE



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EBC SILVERBACK		TEMPORARY RELOCATION	
MECHANICAL FLOOR PLAN			
TOWNSHIP: 21	RANGE: 03	SECTION: 27	
CONTRACTS: 00000292	DATE-HRZ: WA83-SF	VERT: As indicated	
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M1.1
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1 SITE PLAN - POWER
 E1.0 SCALE: 1/16" = 1'-0"

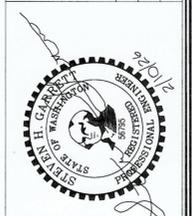
0 8 16 32 48
 SCALE: 1/16" = 1'-0"

- LEGEND:**
- REFER TO DRAWING E.O.O FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS.
- GENERAL NOTES:**
- PER TO SPECIFICATIONS FOR GENERAL PROJECT NOTES.
 - COORDINATE LOCATION OF MODULAR BUILDING FEEDERS, DISCONNECT AND TRANSFORMERS WITH MODULAR BUILDING PROVIDER.
- CONSTRUCTION NOTES:**
- PROVIDE SERVICE CONDUCTORS IN CONDUIT, INSTALLED PER TACOMA POWER STANDARD. COORDINATE INSTALLATION WITH UTILITY.
 - PROVIDE ABOVE GROUND CONDUIT, FITTINGS AND SUPPORTS. UNDERGROUND CONDUIT PROVIDED BY OTHERS. PROVIDE CONDUCTORS IN CONDUIT.
 - PROVIDE NEMA 4X PANELBOARD ON OUTDOOR UTILITY RACK SEE DWG. E10.4 DETAIL 1 FOR RACK DETAILS.
 - PROVIDE NEMA 4X PANELBOARD ON OUTDOOR UTILITY RACK SEE DWG. E10.4 DETAIL 1 FOR RACK DETAILS.

- CONSTRUCTION NOTES:**
- PROVIDE TRANSFORMER AS PER SPECIFICATION 26-22-00. PAD MOUNT OR MOUNT TO MODULAR BUILDING WALL. SEE E10.4 DETAIL 2.
 - PROVIDE MAST, WEATHERHEAD, AND ASSOCIATED HARDWARE FOR OVERHEAD CONDUCTORS. REFER TO E10.5 MAST DETAIL.
 - PROVIDE NEMA 1 PANELBOARD PER PANEL SCHEDULE AND SPECIFICATION 26-24-16.
 - PROVIDE NEMA 4X FUSED DISCONNECT SIZED AS SHOWN. MOUNT TO MODULAR BUILDING WALL SEE E10.4 DETAIL 2.
 - PROVIDE (2) 3/4" X 8' CU GROUND RODS FOR SUPPLEMENTAL BUILDING GROUNDING. SPACE 6' MIN.
 - PANELBOARD BY OTHERS.
 - PANELBOARD OVERHEAD CONDUCTORS.
 - PROVIDE NEMA 4X FUSED DISCONNECT SIZED AS SHOWN. SEE E10.4 DETAIL 3 FOR MOUNTING.



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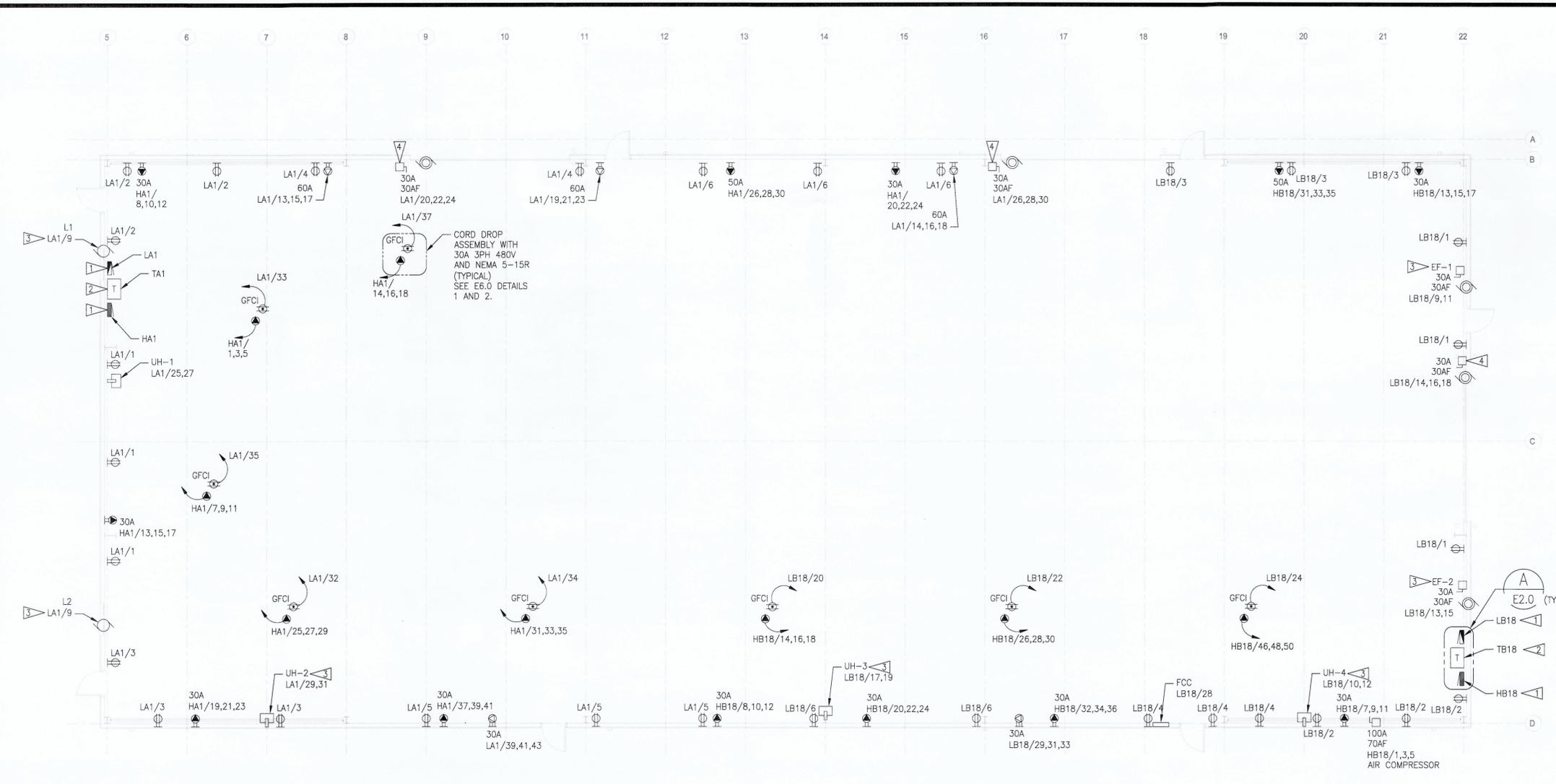


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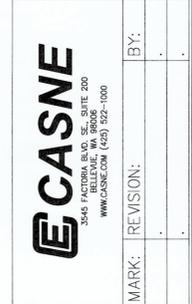
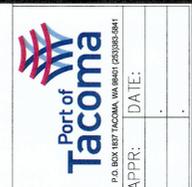
EBC SILVERBACK TEMPORARY RELOCATION		SITE PLAN - POWER	
PA: POT-PA-00000292	TOWNSHIP: 21 NORTH	RANGE: 03	SECTION: 27
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E1.0
 27 OF 41

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- LEGEND:**
- REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS
- GENERAL NOTES:**
- REFER TO TYPICAL FEEDER SCHEDULE ON DRAWING E10.1 FOR BRANCH CONDUCTOR SIZES WHERE NOT INDICATED OTHERWISE.
 - COORDINATE 50A AND 60A RECEPTACLE TYPES WITH OWNER EQUIPMENT.
 - PROVIDE CONDUCTORS, CONDUIT, SUPPORTS, RECEPTABLES AND ANCILLARY HARDWARE FOR CIRCUITS AS SHOWN.
- CONSTRUCTION NOTES:**
- PROVIDE NEMA 1 PANELBOARD.
 - PROVIDE DRY-TYPE DISTRIBUTION TRANSFORMER.
 - PROVIDE CONDUCTORS AND CONDUIT FOR MECHANICAL EQUIPMENT. MECHANICAL EQUIPMENT AND DISCONNECT PROVIDED BY MECHANICAL.
 - PROVIDE FUSED DISCONNECT FOR OVERHEAD DOOR AND MISCELLANEOUS CONDUIT/CONDUCTORS FOR OVERHEAD DOOR CONTROLS. REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR REQUIREMENTS.

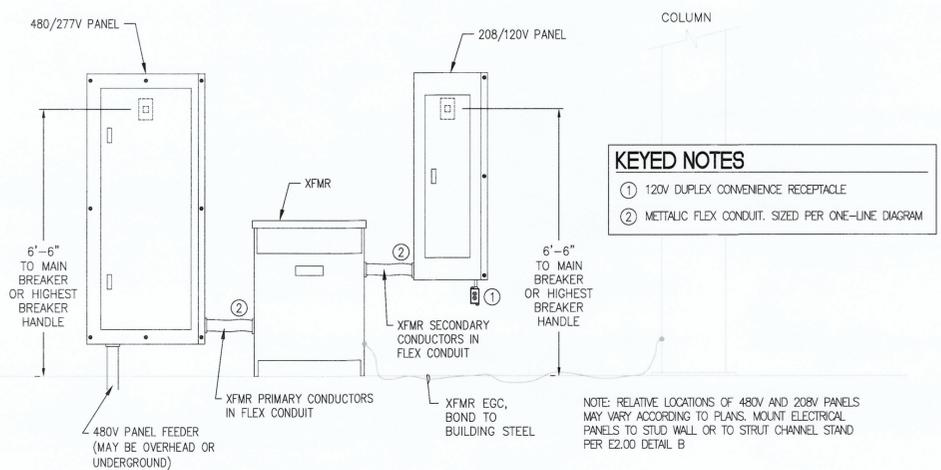
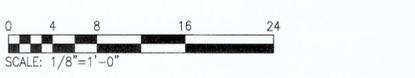


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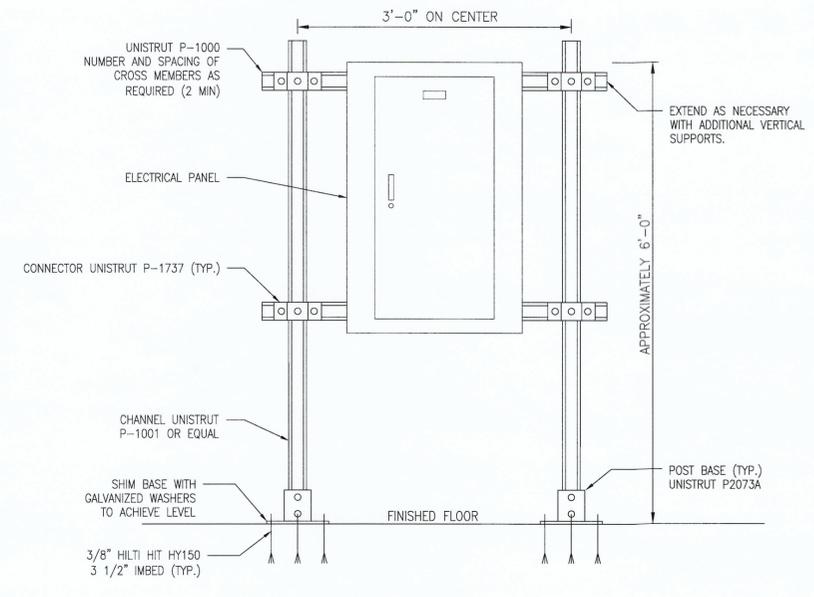
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EBC SILVERBACK TEMPORARY RELOCATION	
FIRST FLOOR PLAN - POWER	
TOWNSHIP: 21 NORTH	SECTION: 27
RANGE: 03	DATE-HRZ: WA83-SF
VERT: 1/8" = 1'-0"	PARCEL:

6710 OF 28
E2.0
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 PROJ ID: 101686.01
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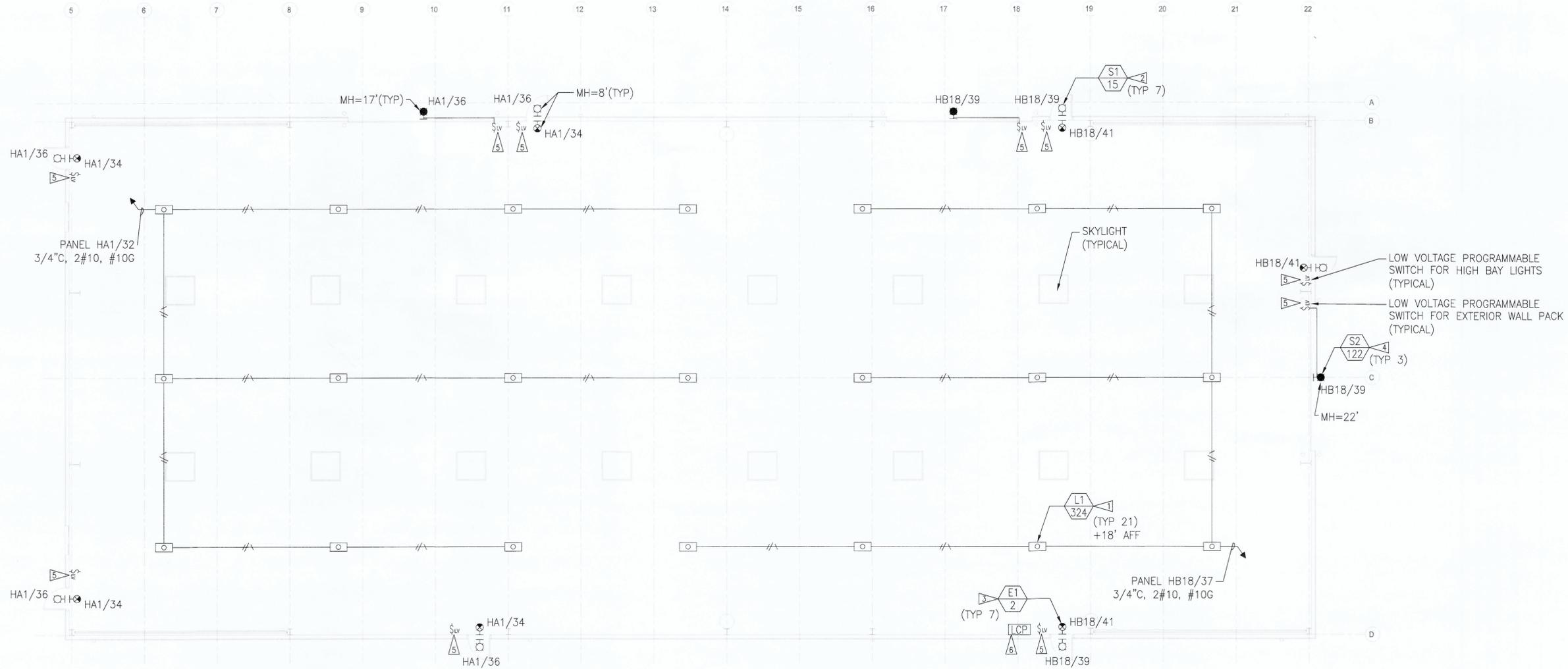
1 FIRST FLOOR PLAN - POWER
 E2.0 SCALE: 1/8" = 1'-0"



TYPICAL PANELBOARD ARRANGEMENT DETAIL
 SCALE: NTS



TYPICAL ELECTRICAL PANEL MOUNTING DETAIL
 SCALE: NTS



1 FIRST FLOOR PLAN - LIGHTING
E3.0 SCALE: 1/8" = 1'-0"



LEGEND:

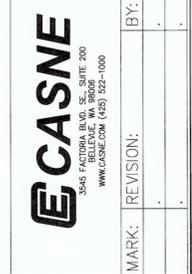
- REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS

GENERAL NOTES:

- REFER TO DRAWING E3.1 FOR HIGH BAY FIXTURE MOUNTING DETAIL.
- PROVIDE COMPLETE LIGHTING CONTROL SYSTEM WITH OCCUPANCY SENSING, DAYLIGHT SENSING, AND TIME BASED CONTROLS FOR ALL FIXTURES. CONTROLS SHALL HAVE CUSTOMIZABLE ZONES TO WORK WITH ANY OF THE LOW VOLTAGE SWITCHES INSTALLED.
- PROVIDE CONDUIT, CONDUCTORS AND ANCILLARY HARDWARE.

CONSTRUCTION NOTES:

- PROVIDE HIGH-BAY LED LIGHT FIXTURE APPROX. 18' ABOVE GRADE. PROVIDE MOUNTING HARDWARE.
- PROVIDE LED LIGHT FIXTURE APPROX. 8' ABOVE GRADE. PROVIDE MOUNTING HARDWARE.
- PROVIDE LED EXIT SIGN APPROX. 8' ABOVE GRADE. PROVIDE MOUNTING HARDWARE.
- PROVIDE LED LIGHT FIXTURE APPROX. MOUNTING HEIGHT AS INDICATED ON PLANS. PROVIDE MOUNTING HARDWARE.
- PROVIDE AIRLINK BLUE BLUETOOTH LIGHT SWITCH OR SIMILAR APPROVED CONTROLLER IN LOCATION AS SHOWN.
- PROVIDE AIRLINK BLUE TIME KEEPER MODULE OR SIMILAR APPROVED CONTROLLER.



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EBC SILVERBACK TEMPORARY RELOCATION			
FIRST FLOOR PLAN - LIGHTING			
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PARCEL: 101686.01	DATE-HRZ: WA83-SF	VERT:	
PARCEL:	DRAWING SCALE: 1/8" = 1'-0"		

6710	29	OF	41
E3.0			
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PROJ. ID: 101686.01			
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▶ LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	LAMPS	VOLTAGE	MANUFACTURER	CATALOG NUMBER	REMARKS	SYMBOL
LT 324	28" X 14" LED HIGH BAY FIXTURE	CHAIN	LED - 5000K - 48,000 LUMENS WATTAGE RATING: 48L: 48,000LM=324W	MVOLT	LSI LIGHTING	MHB-2-LED-48L-CPW-UNV-50-ALBCS1	AIRLINK BLUE WIRELESS MOTION AND PHOTO SENSOR CONTROLLER	
ST 15	13" x 8" LED EXIT DOOR SCONCE	WALL MOUNT	LED - 5000K - 2,000 LUMENS WATTAGE RATING: 2L: 2,000LM=15W	MVOLT	LSI LIGHTING	XWS-LED-2L-MTPD-UNV-DIM-50-80CRI-ALSCSI-BLK	AIRLINK BLUE WIRELESS MOTION AND PHOTO SENSOR CONTROLLER	
S2 122	20" x 13" LED ROLL-UP DOOR SCONCE	WALL MOUNT	LED - 5000K - 18,000 LUMENS WATTAGE RATING: 18L: 17,885LM=122W	MVOLT	LSI LIGHTING	XWM 2-LED-18L-50-UE-BLK-ALBMR2LR	AIRLINK BLUE WIRELESS MOTION AND PHOTO SENSOR CONTROLLER	
E1 2	25" X 8.8" LSI RED EXIT SIGN WITH LAMP HEADS	WALL MOUNT	LED - 4000K - 7,610 LUMENS	MVOLT	LSI LIGHTING	LPRX-R-U-WH-LD1.1-SD2		

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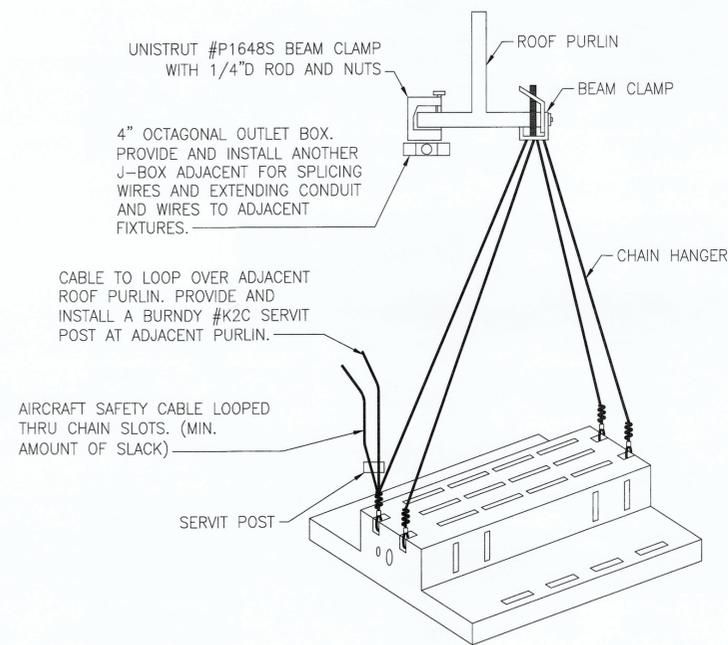
- REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS

GENERAL NOTES:

- PROVIDE FIXTURES COMPLETE WITH LAMPS AND MOUNTING HARDWARE. PROVIDE HANGARS, BRACKETS, PLATES, ANCHORS, AUXILIARY SUPPORTS AND OTHER MOUNTING ACCESSORIES REQUIRED BY BUILDING CONSTRUCTION AND CEILING CONDITIONS. PROVIDE CONCRETE BASE FOR OUTDOOR POLE LIGHTS AND SIGN LIGHTS.
- PROVIDE ADDITIONAL SUPPORTS AS NECESSARY TO PREVENT FIXTURE SWINGING IN AREAS WITH SUBSTANTIAL AIRFLOW.
- PROVIDE SHOP DRAWINGS INDICATING QUANTITY, LAYOUT, AND WIRING OF ALL SYSTEM COMPONENTS, AND SEQUENCE OF OPERATION. INSTALL SYSTEM IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND APPROVED SHOP DRAWINGS. PROVIDE REQUIRED PROGRAMMING FOR INITIAL AND FINAL SET UP OF SYSTEM AS DIRECTED BY OWNER.

CONSTRUCTION NOTES:

- PROVIDE LIGHT FIXTURES INSTALLED PER MANUFACTURER INSTALLATION GUIDELINES. SEE E3.0 FOR FIXTURE LOCATIONS.



1 MODULAR HIGH BAY FIXTURE MOUNTING
E3.1 NOT TO SCALE

Port of Tacoma
P.O. BOX 1807 TACOMA, WA 98401 (253)883-5841

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SECTION: 27

DRAWING SCALE: _____

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E3.1
30 OF 41

TOWNSHIP: 21 NORTH

RANGE: 03

SECTION: 27

DATE-HRZ: WA83-SF

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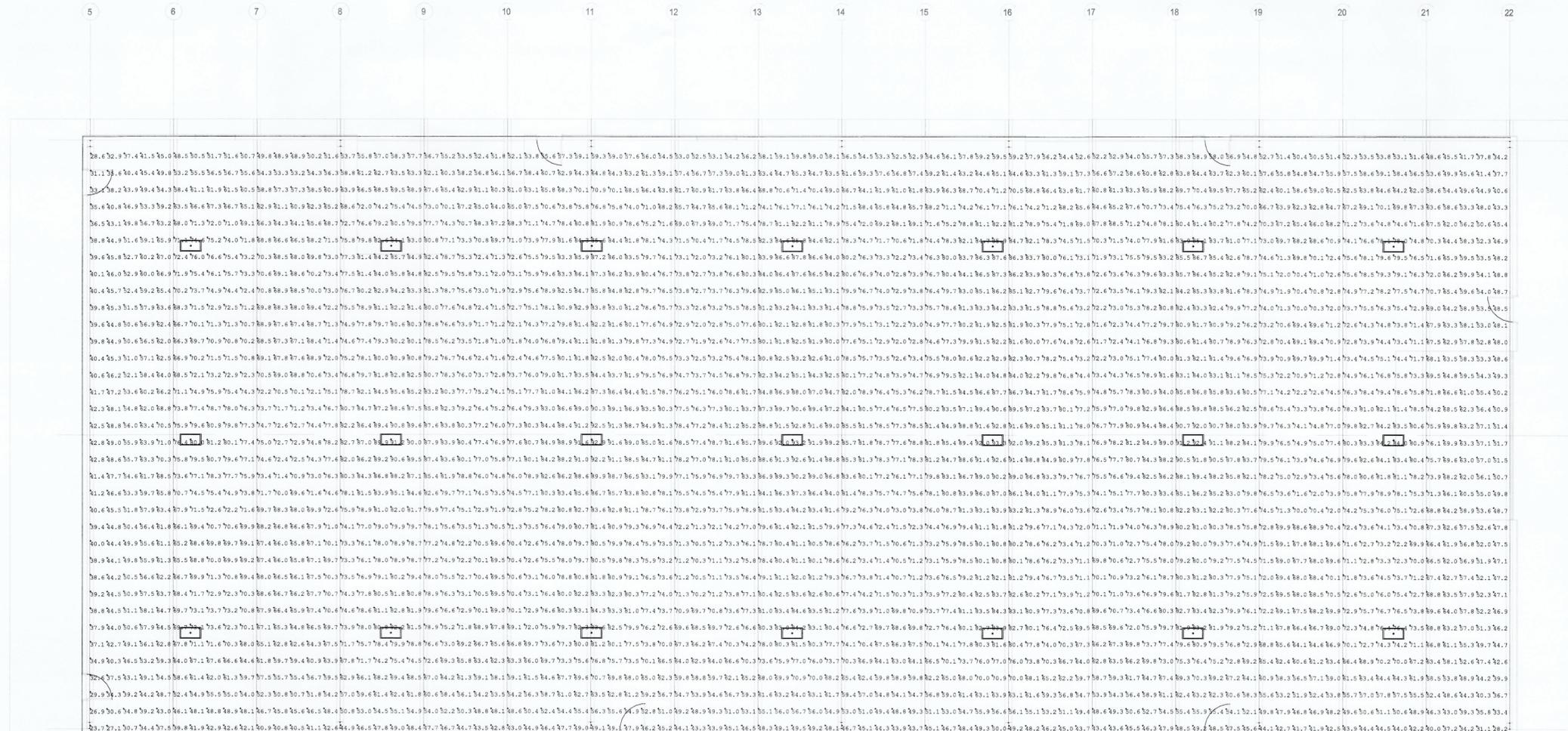
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DATE: _____

LEGEND:
1. REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS



Luminaire Schedule						
Symbol	Qty	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
□	21	MHB-02-LED-48L-CPW-50-80CRI	0.850	47798	324	6804

Calculation Summary					
Label	Units	Avg	Max	Min	Avg/Min
SilverBack 1 1 Floor	Fc	70.32	93.3	23.7	2.97

1 INTERIOR PHOTOMETRIC PLAN
E3.2 SCALE: 1/8" = 1'-0"





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BELLEVUE, WA 98008-1000
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SECTION: 27

TOWNSHIP: 21 NORTH | RANGE: 03

DAT-HRZ: WA83-SF | VERT: _____

PARCEL: _____

DRAWING SCALE: 1" = 1'-0"

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E3.2

31 OF 41

PA: POT-PA-000000292

PROJ. ID: 101686.01

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EBC SILVERBACK TEMPORARY RELOCATION

SILVERBACK BUILDING INTERIOR PHOTOMETRIC STUDY

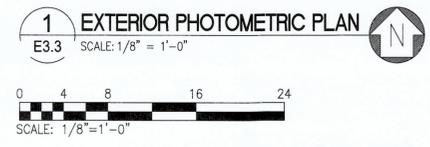


LEGEND:
 1. REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS

GENERAL NOTES:
 1. REFER TO PROJECT SPECIFICATIONS FOR GENERAL NOTES.

Luminaire Schedule						
Symbol	Qty	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
□	3	XWM-2-LED-18L-50	0.850	17534	122	366
□	7	XWS-LED-02L-MTPD-50-80CRI	0.850	1928	15	105

Calculation Summary					
Label	Units	Avg	Max	Min	Avg/Min
External Floor Planar	Fc	3.07	16.7	0.0	N.A.
SilverBack_1_1_Floor	Fc	0.00	0.0	0.0	N.A.



1 EXTERIOR PHOTOMETRIC PLAN
 E3.3 SCALE: 1/8" = 1'-0"

Port of Tacoma
 500 PACIFIC AVE. SUITE 200
 BELLEVUE, WA 98005-1000
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SECTION: 27

RANGE: 03

DATE-HRZ: WA83-SF

VERT: _____

DRAWING SCALE: 1" = 1'-0"

6710

E3.3

32 OF 41

PA: POT-PA-000000292

PROJ. ID: 101686.01

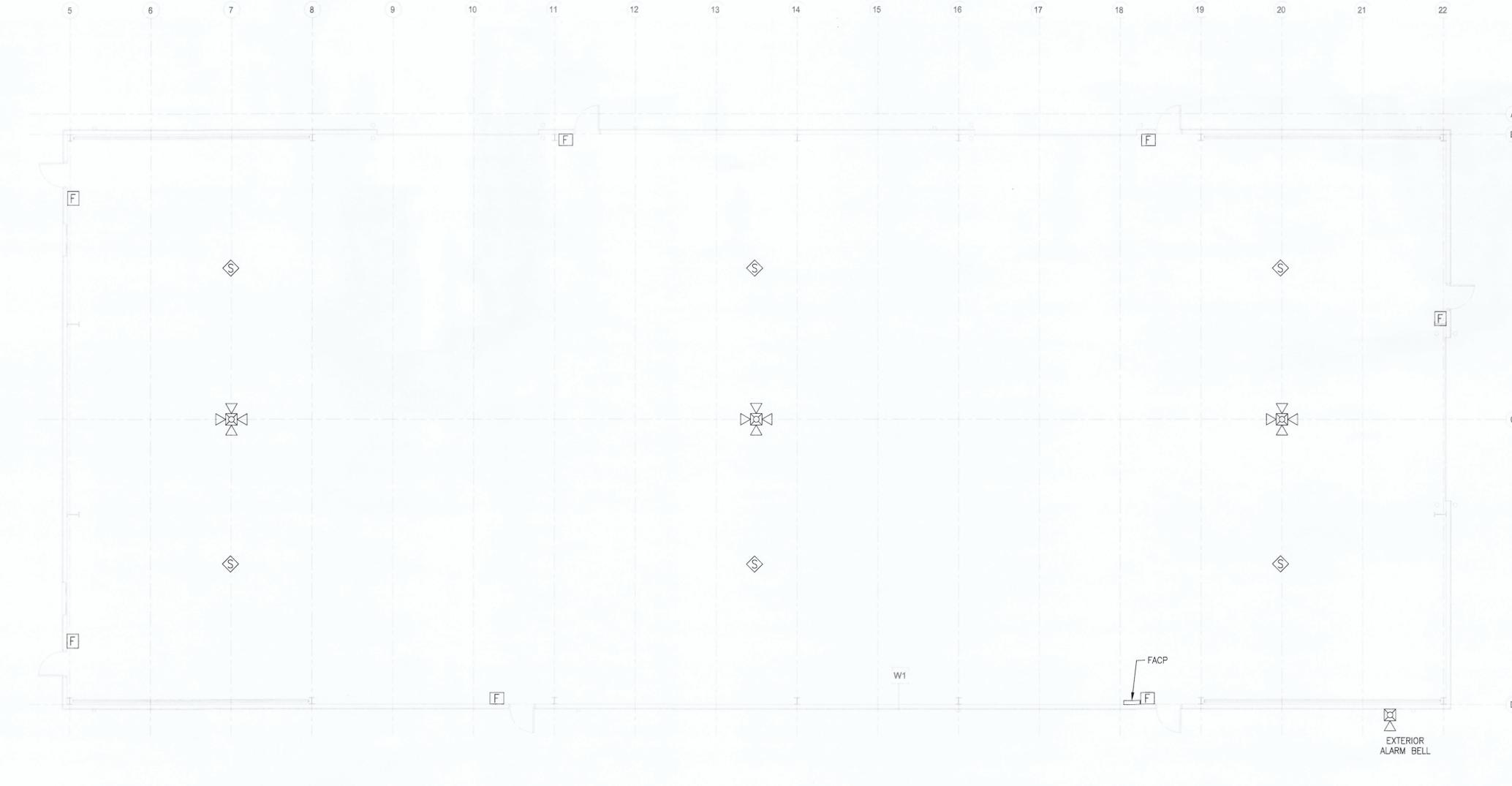
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EBC SILVERBACK TEMPORARY RELOCATION

SILVERBACK BUILDING EXTERIOR PHOTOMETRIC STUDY

TOWNSHIP: 21 NORTH

DAT-HRZ: WA83-SF



1 FIRST FLOOR PLAN - FIRE ALARM
 E1.0 SCALE: 1/8" = 1'-0"



LEGEND:

1. REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS

GENERAL NOTES:

1. FIRE ALARM SYSTEM
 - A. APPLICABLE CODES AND STANDARDS
 - IBC
 - NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE
 - B. PROVIDE BIDDER DESIGN FIRE ALARM SYSTEM. COMPLY WITH ALL REQUIREMENTS OF LOCAL AUTHORITY HAVING JURISDICTION (AHJ), INCLUDING PREPARING, SUBMITTING, AND OBTAINING SHOP DRAWING APPROVAL, PERMITTING, AND REQUIRED INSPECTIONS.
 - C. SYSTEM REQUIREMENTS: COMPLY WITH ALL REQUIREMENTS OF THE INTERNATIONAL FIRE CODE, INTERNATIONAL BUILDING CODE, AND LOCAL FIRE ALARM CODE AS ADOPTED AND SUPPLEMENTED BY THE AHJ AND APPLICABLE FOR THE BUILDING OCCUPANCY, BY GROUP AND DIVISION, INDICATED IN THE CONSTRUCTION DOCUMENTS. ALL SPACES CONSIDERED PUBLIC AREAS BY THE AHJ SHALL HAVE ADA VISUAL SIGNALING DEVICES INSTALLED.
 - D. PROVIDE WIRING PER APPROVED SHOP DRAWINGS. INSTALL CONDUCTORS IN RACEWAY DEDICATED FOR FIRE ALARM SYSTEM.

CONSTRUCTION NOTES:

1. PROVIDE COMPLETE BIDDER DESIGNED FIRE ALARM SYSTEM AS SHOWN.



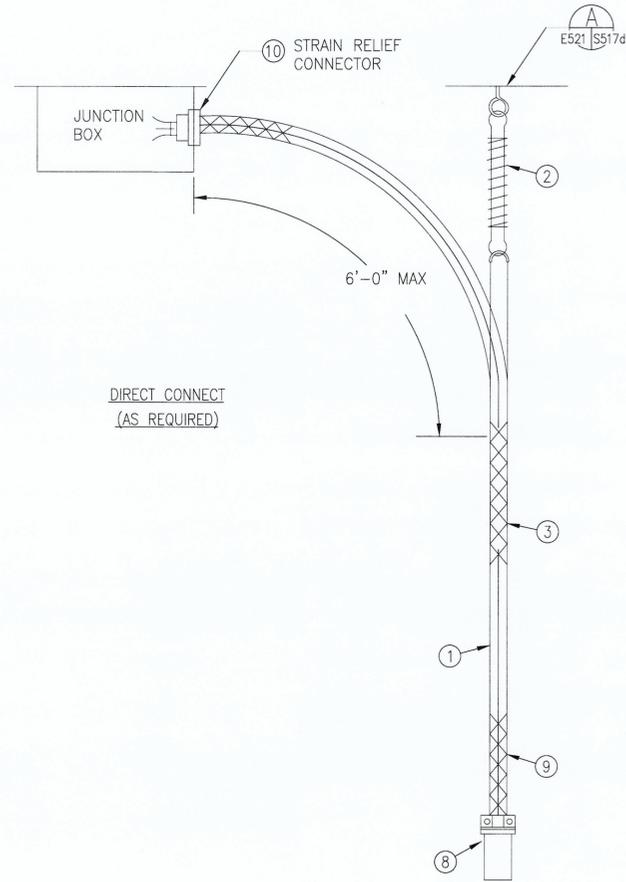
CHECKED BY	DATE
PROJECT ENGR	DATE
PRINTED BY: steven.garrett	Feb 10, 2026
PORT ADDRESS:	

EBC SILVERBACK TEMPORARY RELOCATION			
FIRST FLOOR PLAN - FIRE ALARM			
TOWNSHIP: 21 NORTH	RANGE: 03	SECTION: 27	
DAT-HRZ: WA83-SF	VERT:		
PARCEL:	DRAWING SCALE:	1/8"=1'-0"	

6710	E5.0
33 OF 41	
PA: POT-PA-000000292	
PROJ. ID: 101686.01	
PHASE: BID SET	

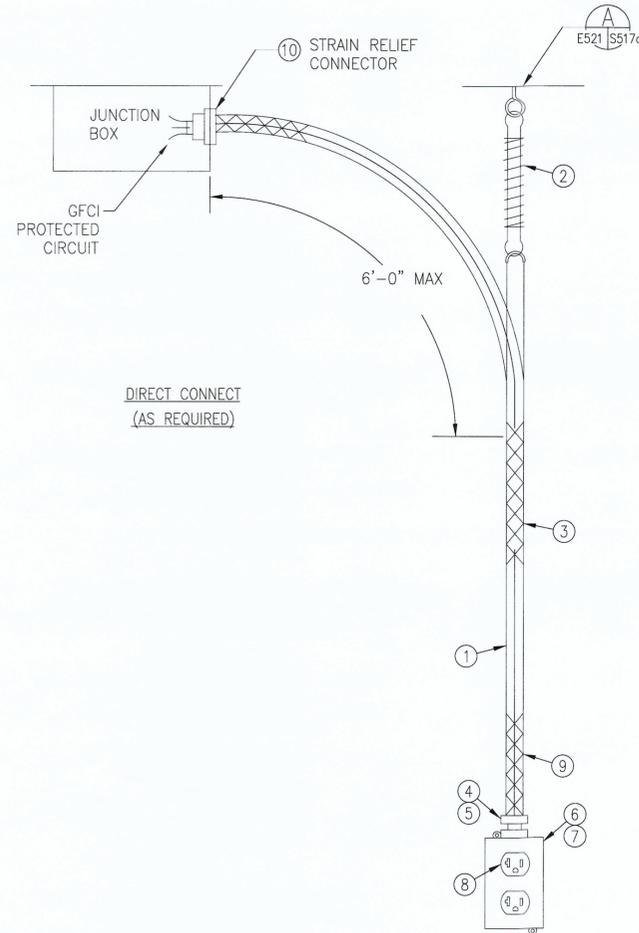
MARK:	REVISION:	BY:	DATE:

MATERIAL LIST		
ITEM	PART DESCRIPTION	30 AMP DROP DESCRIPTION
1	CABLE, 600V, 90 DEG. TYPE 'SO'	3C, NO. 10AWG
2	SPRING, BUS DROP	KELLEMS NO. 203-02-001
3	CABLE GRIP	KELLEMS NO. 022-16-008 OR NO. 073-04-1279
8	CONNECTOR BODY	LEVITON 30A 480V 3-PH L16-30R CAT# 2733
9	STRAIN RELIEF, CABLE	KELLEMS NO. 073-10-003
10	STRAIN RELIEF CONNECTOR	KELLEMS NO. 073-03-1209



1 480V 30A DROP CORD CONNECTOR DETAIL
E6.0 SCALE: NONE

MATERIAL LIST		
ITEM	PART DESCRIPTION	20 AMP DROP DESCRIPTION
1	CABLE, 600V, 90 DEG. TYPE 'SOOW'	3C, NO. 12AWG
2	SPRING, BUS DROP	KELLEMS NO. 203-02-001
3	CABLE GRIP	KELLEMS NO. 022-16-008 OR NO. 073-04-1279
4	CROUSE HINDS CABLE GLAND, 1/2" NPT	CGB196
5	CROUSE HINDS CABLE GLAND STRAIN RELIEF	RPE417-116
6	O.Z. GEDNEY CAST GANG BOX	FS-1-50
7	O.Z. GEDNEY BOX COVER	FS1-DCS
8	RECEPTACLE, 20A DUPLEX, 2P, 3W, STRAIGHT BLADE NEMA 5-20 GROUNDING	HUBBELL NO. 5362
9	STRAIN RELIEF, CABLE	KELLEMS NO. 073-10-003
10	STRAIN RELIEF CONNECTOR	KELLEMS NO. 073-03-1209



2 DUPLEX DROP CORD CONNECTOR DETAIL
E6.0 SCALE: NONE

LEGEND:

- REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS



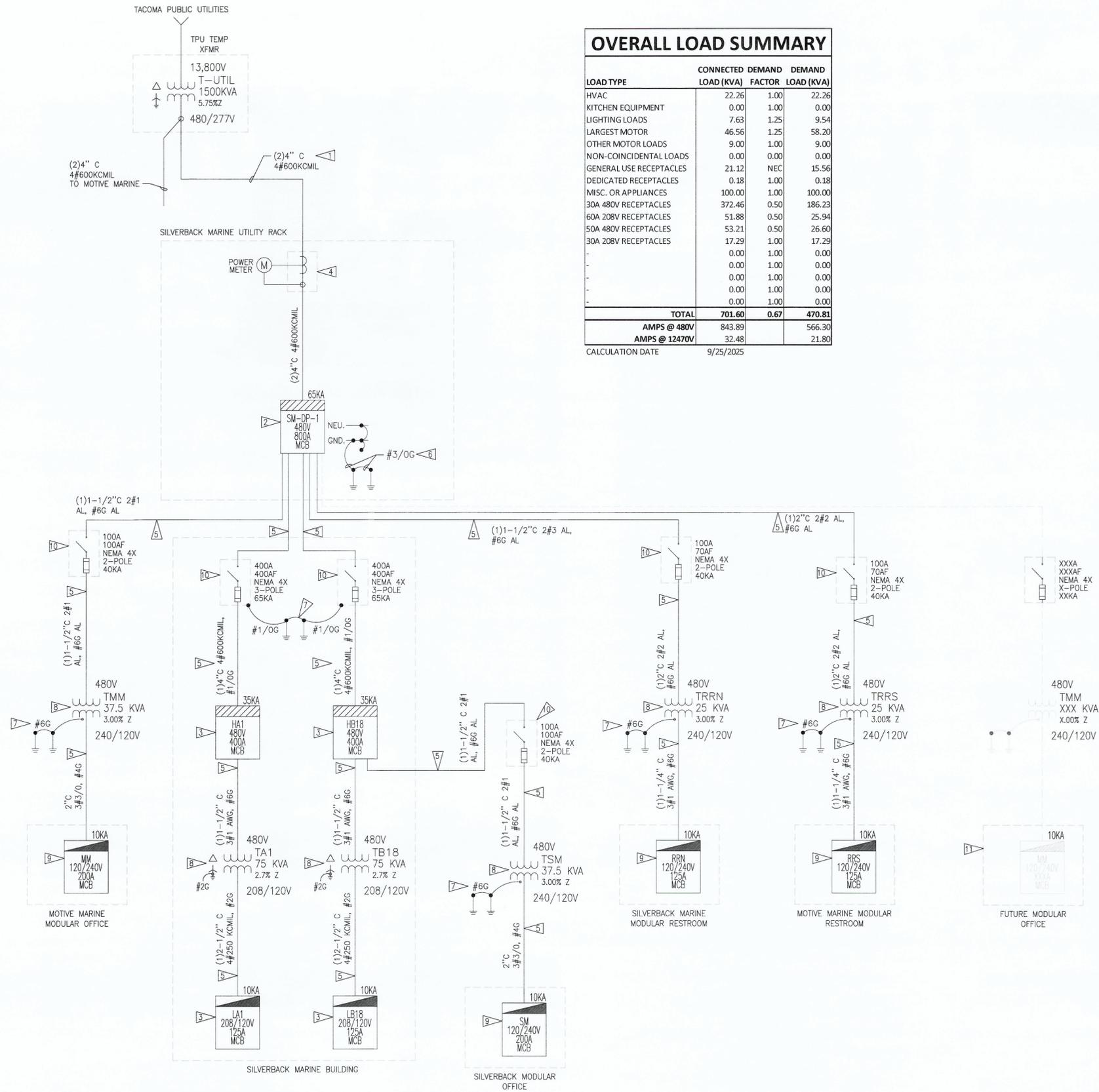
APPROVED: *Steven Garrett*
 DIRECTOR ENG. DATE: 2/10/26
 CHECKED BY: *Steven Garrett* DATE: 2/10/26
 PROJECT: POT-PA-00000292
 PRINTED BY: steven.garrett
 PORT ADDRESS: 101686.01

EBC SILVERBACK TEMPORARY RELOCATION
 DETAILS
 TOWNSHIP: 21 NORTH RANGE: 03 SECTION: 27
 DAT-HRZ: WA83-SF VERT: 1/8"=1'-0"

6710 **E6.0** OF 41
 PA: POT-PA-00000292
 PROJ. ID: 101686.01
 PHASE: BID SET



DATE: _____
 APPR: _____
 BY: _____
 REVISION: _____



OVERALL LOAD SUMMARY

LOAD TYPE	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)
HVAC	22.26	1.00	22.26
KITCHEN EQUIPMENT	0.00	1.00	0.00
LIGHTING LOADS	7.63	1.25	9.54
LARGEST MOTOR	46.56	1.25	58.20
OTHER MOTOR LOADS	9.00	1.00	9.00
NON-COINCIDENTAL LOADS	0.00	0.00	0.00
GENERAL USE RECEPTACLES	21.12	NEC	15.56
DEDICATED RECEPTACLES	0.18	1.00	0.18
MISC. OR APPLIANCES	100.00	1.00	100.00
30A 480V RECEPTACLES	372.46	0.50	186.23
60A 208V RECEPTACLES	51.88	0.50	25.94
50A 480V RECEPTACLES	53.21	0.50	26.60
30A 208V RECEPTACLES	17.29	1.00	17.29
	0.00	1.00	0.00
	0.00	1.00	0.00
	0.00	1.00	0.00
	0.00	1.00	0.00
	0.00	1.00	0.00
TOTAL	701.60	0.67	470.81
AMPS @ 480V	843.89		566.30
AMPS @ 12470V	32.48		21.80

CALCULATION DATE 9/25/2025

- LEGEND:**
- REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS
- GENERAL NOTES:**
- REFER TO SPECIFICATIONS FOR GENERAL PROJECT NOTES.
- CONSTRUCTION NOTES:**
- PROVIDE CONDUCTORS IN CONDUIT PER TACOMA PUBLIC UTILITY STANDARDS. COORDINATE INSTALLATION WITH TACOMA PUBLIC UTILITIES.
 - PROVIDE NEMA 4X SERVICE ENTRANCE RATED PANELBOARD PER SPECIFICATION 26-24-16.
 - PROVIDE NEMA 1PANELBOARD WITH RATINGS AS SHOWN, PER SPECIFICATION 26-24-16. SEE PANEL SCHEDULE ON E10.2 FOR DETAILS.
 - PROVIDE UTILITY INSTRUMENT METERING SOCKET AND 800A CT ENCLOSURE PER TACOMA PUBLIC UTILITIES STANDARD.
 - PROVIDE CONDUCTORS, CONDUITS, FITTINGS, SUPPORTS AND ANCILLARY HARDWARE.
 - PROVIDE SERVICE GROUND RODS, GROUNDING ELECTRODE CONDUCTOR, AND BONDING HARDWARE.
 - PROVIDE GROUND RODS, GROUNDING ELECTRODE CONDUCTOR AND BONDING HARDWARE.
 - PROVIDE TRANSFORMER AS PER SPECIFICATION 26-22-00. MOUNT TO MODULAR BUILDING WALL.
 - PANEL PROVIDED BY OTHERS.
 - PROVIDE NEMA 4X DISCONNECT SWITCH.
 - PANEL SHOWN FOR FUTURE SERVICE. ALL EQUIPMENT REQUIRED TO SUPPLY THIS PANEL, INCLUDING SOURCE AND PROTECTIVE DEVICES, SHALL BE SPECIFIED AT THE TIME OF FUTURE INSTALLATION.

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PANEL HB18

VOLTS: 480/277V MAIN BREAKER: 400A FEEDER CONDUCTORS: 4#600KCMIL CU INSTALL DATE: XX/XX/XXXX
 PH & WIRE: 3Ø, 4W PANEL AIC RATING: 40kA MOUNTING: SURFACE SURGE PROTECTOR: YES REV. VERSION: ORIGINAL
 BUS RATING: 400 A FED FROM: UTILITY DISCONNECT ENCLOSURE: NEMA 1 ACCESSORIES: REV. DATE: 9/25/2025

CKT. #	BKR. AMPS	BKR. POLES	WIRE SIZE	CIRCUIT DESCRIPTION	LOAD TYPE	LOAD (KVA)	NOTES	CKT. #	CIRCUIT PHASE			CKT. #	BKR. AMPS	BKR. POLES	WIRE SIZE	CIRCUIT DESCRIPTION	LOAD TYPE	LOAD (KVA)	NOTES	CKT. #
									A	B	C									
1	70	3	#4	AIR COMPRESSOR	LM	16		1				2	90	3	#1	PANEL LB18 VIA 75KVA XFMR TB18	10	10.45		2
3	70	-	#4	-	LM	16		3				4	90	-	#1	-	10	12.29		4
5	70	-	#4	-	LM	16		5				6	90	-	#1	-	10	11.64		6
7	30	3	#10	30A RECEPTACLE	1	7		7				8	30	3	#10	30A RECEPTACLE	1	7		8
9	30	-	#10	-	1	7		9				10	30	-	#10	-	1	7		10
11	30	-	#10	-	1	7		11				12	30	-	#10	-	1	7		12
13	30	3	#10	30A RECEPTACLE	1	7		13				14	30	3	#10	30A RECEPTACLE	1	7		14
15	30	-	#10	-	1	7		15				16	30	-	#10	-	1	7		16
17	30	-	#10	-	1	7		17				18	30	-	#10	-	1	7		18
19	30	3	-	SPARE	G			19				20	30	3	#10	30A RECEPTACLE	1	7		20
21	30	-	-	-	G			21				22	30	-	#10	-	1	7		22
23	30	-	-	-	G			23				24	30	-	#10	-	1	7		24
25	30	3	-	SPARE	G			25				26	30	3	#10	30A RECEPTACLE	1	7		26
27	30	-	-	-	G			27				28	30	-	#10	-	1	7		28
29	30	-	-	-	G			29				30	30	-	#10	-	1	7		30
31	50	3	#6	50A RECEPTACLE	3	11		31				32	30	3	#10	30A RECEPTACLE	1	7		32
33	50	-	#6	-	3	11		33				34	30	-	#10	-	1	7		34
35	50	-	#6	-	3	11		35				36	30	-	#10	-	1	7		36
37	20	1	#10	LIGHTING	L	3.564		37				38	100	2	#1 AL	SILVERBACK MODULAR OFFICE	G	15		38
39	20	1	#10	EXTERIOR LIGHTS	L	0.289		39				40	100	-	#1 AL	-	G	15		40
41	20	1	#10	EXIT LIGHTS	L	0.015		41				42	70	2	-	SPARE	G			42
43								43				44	70	-	-	-	G			44
45								45				46	30	3	#10	30A RECEPTACLE	1	7		46
47								47				48	30	-	#10	-	1	7		48
49								49				50	30	-	#10	-	1	7		50
51								51				52				-	G			52
53								53				54				-	G			54

NOTES:	CONNECTED LOAD SUBTOTAL (PER PHASE)	109 107 91 (KVA)	NEW LOAD WORKSHEET
		393 388 330 (AMPS)	
	TOTAL CONNECTED LOAD	307.68 3Ø LOAD (KVA)	
		370 3Ø LOAD (AMPS)	
	TOTAL DEMAND LOAD	223.85 3Ø LOAD (KVA)	
	269 3Ø LOAD (AMPS)		
METERED LOAD (PER PHASE)	0 0 0 (KVA)		
	(AMPS)		
Available Fault Current:	TOTAL METERED LOAD	0.00 3Ø LOAD (KVA)	
Date of Calculation:		0 3Ø LOAD (AMPS)	
			METERED DATA COLLECTION NOTES:
			SUBTRACTED LOAD: 0.00 (KVA)
			ADDED LOAD: 0.00 (KVA)
			125% METERED LOAD: 0.00 (KVA)
			TOTAL EXPECTED LOAD: 0.00 (KVA)
			TOTAL EXPECTED LOAD: 0 (AMPS)

PANEL LB18

VOLTS: 208/120V MAIN BREAKER: 250 A FEEDER CONDUCTORS: INSTALL DATE: XX/XX/XXXX
 PH & WIRE: 3Ø, 4W PANEL AIC RATING: 10KA MOUNTING: SURFACE SURGE PROTECTOR: YES REV. VERSION: ORIGINAL
 BUS RATING: 250 A FED FROM: HA1 ENCLOSURE: NEMA 1 ACCESSORIES: REV. DATE: 9/25/2025

CKT. #	BKR. AMPS	BKR. POLES	WIRE SIZE	CIRCUIT DESCRIPTION	LOAD TYPE	LOAD (KVA)	NOTES	CKT. #	CIRCUIT PHASE			CKT. #	BKR. AMPS	BKR. POLES	WIRE SIZE	CIRCUIT DESCRIPTION	LOAD TYPE	LOAD (KVA)	NOTES	CKT. #
									A	B	C									
1	20	1	#12	RECEPTACLES	R	0.54		1				2	20	1	#12	RECEPTACLES	R	0.54		2
3	20	1	#12	RECEPTACLES	R	0.54		3				4	20	1	#12	RECEPTACLES	R	0.54		4
5	20	1	-	SPARE	G			5				6	20	1	#12	RECEPTACLES	R	0.36		6
7	20	1	-	SPARE	G			7				8	20	1	#12	SPARE	R			8
9	30	2	#10	EF-1, 2.0HP	H	1.66		9				10	20	2	#12	UH-4	H	1.91		10
11	30	-	#10	-	H	1.66		11				12	20	-	#12	-	H	1.91		12
13	30	2	#10	EF-2, 2.0HP	H	1.66		13				14	20	3	#12	OVERHEAD DOOR	M	1		14
15	30	-	#10	-	H	1.66		15				16	20	-	#12	-	M	1		16
17	20	2	#12	UH-3	H	1.91		17				18	20	-	#12	-	M	1		18
19	20	-	#12	-	H	1.91		19				20	20	1	#12	DED. RECEPT	R	1.92	2	20
21	20	1	#12	SPARE	R			21				22	20	1	#12	DED. RECEPT	R	1.92	2	22
23	20	1	#12	SPARE	R			23				24	20	1	#12	DED. RECEPT	R	1.92	2	24
25	20	1	#12	SPARE	R			25				26	20	1	#12	SPARE	R			26
27	20	1	#12	SPARE	R			27				28	20	1	#12	FIRE ALARM PANEL	S	0.18	1	28
29	30	3	#10	30A RECEPTACLE	4	2.88213		29				30	20	1	-	SPARE	G			30
31	30	-	#10	-	4	2.88213		31				32	20	1	-	SPARE	G			32
33	30	-	#10	-	4	2.88213		33				34	20	1	-	SPARE	G			34
35					G			35				36					G			36
37					G			37				38					G			38
39					G			39				40					G			40
41					G			41				42					G			42
43					G			43				44					G			44
45					G			45				46					G			46
47					G			47				48					G			48
49					G			49				50					G			50
51					G			51				52					G			52
53					G			53				54					G			54

NOTES: 1.) INCLUDE BREAKER LOCK FOR FIRE ALARM PANEL 2.) GFCI BREAKER	CONNECTED LOAD SUBTOTAL (PER PHASE)	10 12 12 (KVA)	NEW LOAD WORKSHEET
		87 102 97 (AMPS)	
	TOTAL CONNECTED LOAD	34.37 3Ø LOAD (KVA)	
		95 3Ø LOAD (AMPS)	
	TOTAL DEMAND LOAD	34.37 3Ø LOAD (KVA)	
	95 3Ø LOAD (AMPS)		
METERED LOAD (PER PHASE)	0 0 0 (KVA)		
	(AMPS)		
Available Fault Current:	TOTAL METERED LOAD	0.00 3Ø LOAD (KVA)	
Date of Calculation:		0 3Ø LOAD (AMPS)	
			METERED DATA COLLECTION NOTES:
			SUBTRACTED LOAD: 0.00 (KVA)
			ADDED LOAD: 0.00 (KVA)
			125% METERED LOAD: 0.00 (KVA)
			TOTAL EXPECTED LOAD: 0.00 (KVA)
			TOTAL EXPECTED LOAD: 0 (AMPS)

- LEGEND:**
- REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS
- GENERAL NOTES:**
- REFER TO ONE-LINE DRAWING E10.0 FOR LOAD TYPE ABBREVIATIONS USED IN PANEL SCHEDULES.

- CONSTRUCTION NOTES:**
- PROVIDE PANEL WITH SPECIFIED BREAKERS AND CIRCUITS AS SHOWN.



P.O. BOX 1077 TACOMA, WA 98402-0107



3540 FACTORY BLVD. SUITE 200
 BELLEVUE, WA 98005
 WWW.ECASNE.COM (425) 552-1000

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PROJ. ENGR: _____ DATE: _____

PRINTED BY: steven.garrett Feb 10, 2026

PORT ADDRESS: _____

SECTION: 27

DRAWING SCALE: NONE

E10.2

6710 OF 41

38 OF 41

POT-PA-00000292

PROJ. ID: 101686.01

PHASE: BID SET

EBC SILVERBACK TEMPORARY RELOCATION

PANEL SCHEDULES

TOWNSHIP: 21 NORTH RANGE: 03 SECTION: 27

DAT-HRZ: WA83-SF VER: 1

PARCEL: _____

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PANEL SM-DP-1																			
VOLTS: 480/277V			MAIN BREAKER: 800A			FEEDER CONDUCTORS: 4#600KCMIL			INSTALL DATE: XX/XX/XXXX										
PH & WIRE: 3Ø, 4W			PANEL AIC RATING: 65kA			MOUNTING: SURFACE			SURGE PROTECTOR: YES			REV. VERSION: ORIGINAL							
BUS RATING: 800 A			FED FROM: UTILITY SERVICE XFMR			ENCLOSURE: NEMA 3R			ACCESSORIES:			REV. DATE: 9/25/2025							
CKT. #	BKR. AMPS	BKR. POLES	WIRE SIZE	CIRCUIT DESCRIPTION	LOAD TYPE	LOAD (KVA)	NOTES	CIRCUIT PHASE			CKT. #	BKR. AMPS	BKR. POLES	WIRE SIZE	CIRCUIT DESCRIPTION	LOAD TYPE	LOAD (KVA)	NOTES	CKT. #
								A	B	C									
1	400	3	600kcmil	PANEL HA1	10	65.52		1				2	400	3	600kcmil	PANEL HB18	10	81.45	2
3	400	-	600kcmil		10	59.54		3				4	400	-	600kcmil		10	79.19	4
5	400	-	600kcmil		10	57.46		5				6	400	-	600kcmil		10	63.20	6
7	70	2	#2 AL	RESTROOM TRAILER SOUTH	G	10.00		7				8	100	2	#1 AL	MOTIVE MODULAR OFFICE	G	15	8
9	70	-	#2 AL		G	10.00		9				10	100	-	#1 AL		G	15	10
11	70	2	#2 AL	RESTROOM TRAILER NORTH	G	10.00		11				12	70	2		FUTURE MODULAR	G		12
13	70	-	#2 AL		G	10.00		13				14	70	-			G		14
15	70	2		SPARE	G			15				16	100	2		SPARE	G		16
17	70	-			G			17				18	100	2			G		18
19					G			19				20					G		20
21					G			21				22					G		22
23					G			23				24					G		24
25					G			25				26					G		26
27					G			27				28					G		28
29					G			29				30					G		30
31					G			31				32					G		32
33					G			33				34					G		34
35					G			35				36					G		36

CONNECTED LOAD SUBTOTAL (PER PHASE)			
182	164	131	(KVA)
657	591	472	(AMPS)
TOTAL CONNECTED LOAD			
476.37		3Ø LOAD (KVA)	
573		3Ø LOAD (AMPS)	
TOTAL DEMAND LOAD			
476.37		3Ø LOAD (KVA)	
573		3Ø LOAD (AMPS)	
METERED LOAD (PER PHASE)			
0	0	0	(KVA)
			(AMPS)
TOTAL METERED LOAD			
0.00		3Ø LOAD (KVA)	
0		3Ø LOAD (AMPS)	

NEW LOAD WORKSHEET	
METERED DATA COLLECTION NOTES:	
SUBTRACTED LOAD:	0.00 (KVA)
ADDED LOAD:	0.00 (KVA)
125% METERED LOAD:	0.00 (KVA)
TOTAL EXPECTED LOAD:	0.00 (KVA)
TOTAL EXPECTED LOAD:	0 (AMPS)

NOTES:
Available Fault Current:
Date of Calculation:

- LEGEND:**
- REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS
- GENERAL NOTES:**
- REFER TO ONE-LINE DRAWING E10.0 FOR LOAD TYPE ABBREVIATIONS USED IN PANEL SCHEDULES.
- CONSTRUCTION NOTES:**
- PROVIDE PANEL WITH SPECIFIED BREAKERS AND CIRCUITS AS SHOWN.

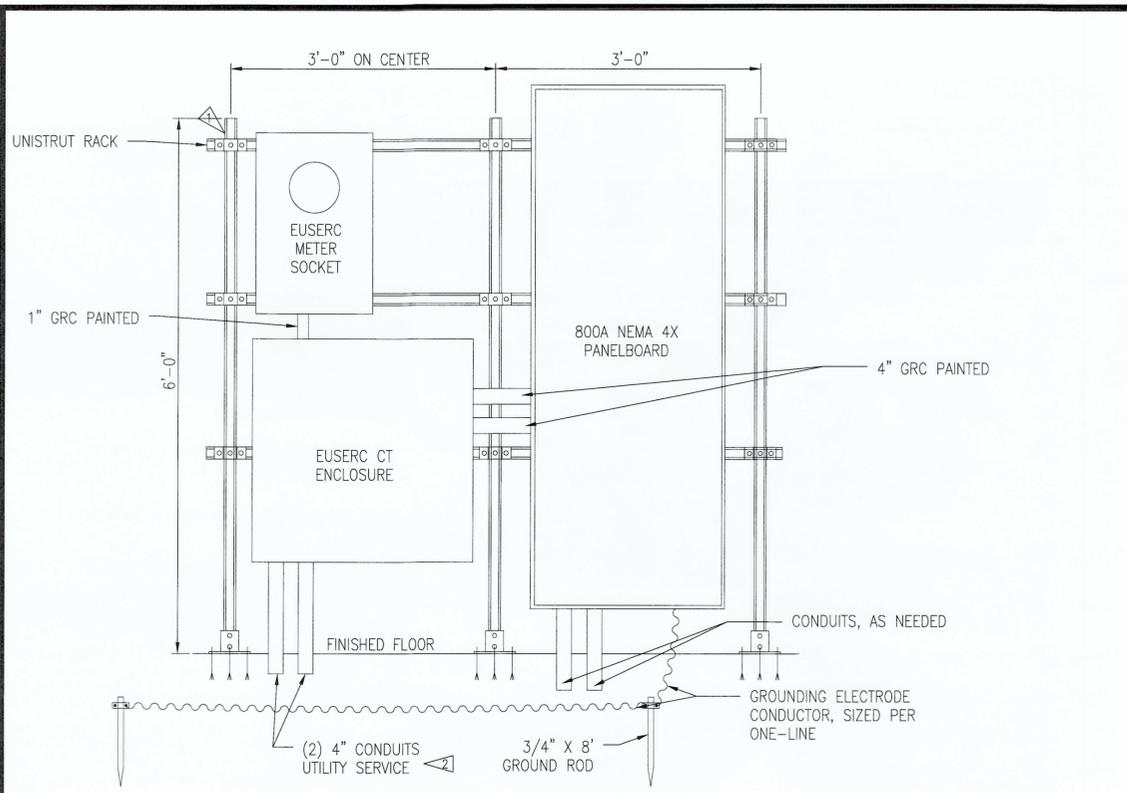
6710
E10.3
39 OF 41
PA: POT-PA-00000292
PROJ. ID: 101686.01
PHASE: BID SET

EBC SILVERBACK TEMPORARY RELOCATION
TOWNSHIP: 21 NORTH RANGE: 03 SECTION: 27
DATE-HRZ: WA83-SF VERT: PARCEL: DRAWING SCALE: NONE

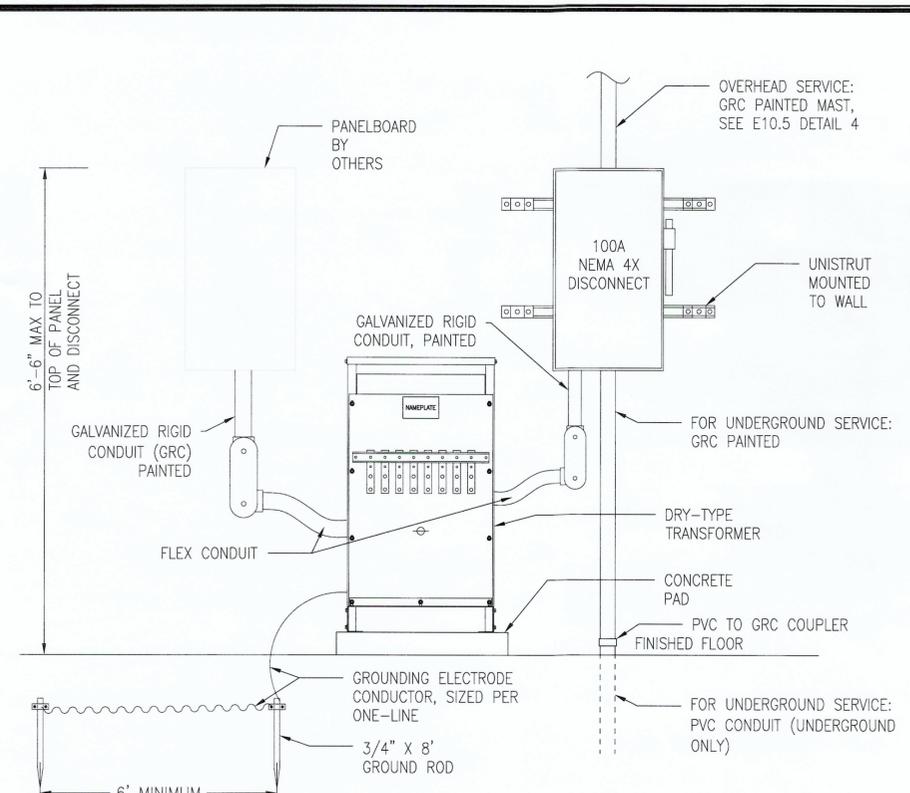
APPROVED: *Steven Garrett*
DIRECTOR ENGR. DATE: 2/6/26
PRINTED BY: steven.garrett Feb 10, 2026
PORT ADDRESS:

CHECKED BY: DATE:
PROJ. ENGR: DATE:
BY: REVISION:
DATE:

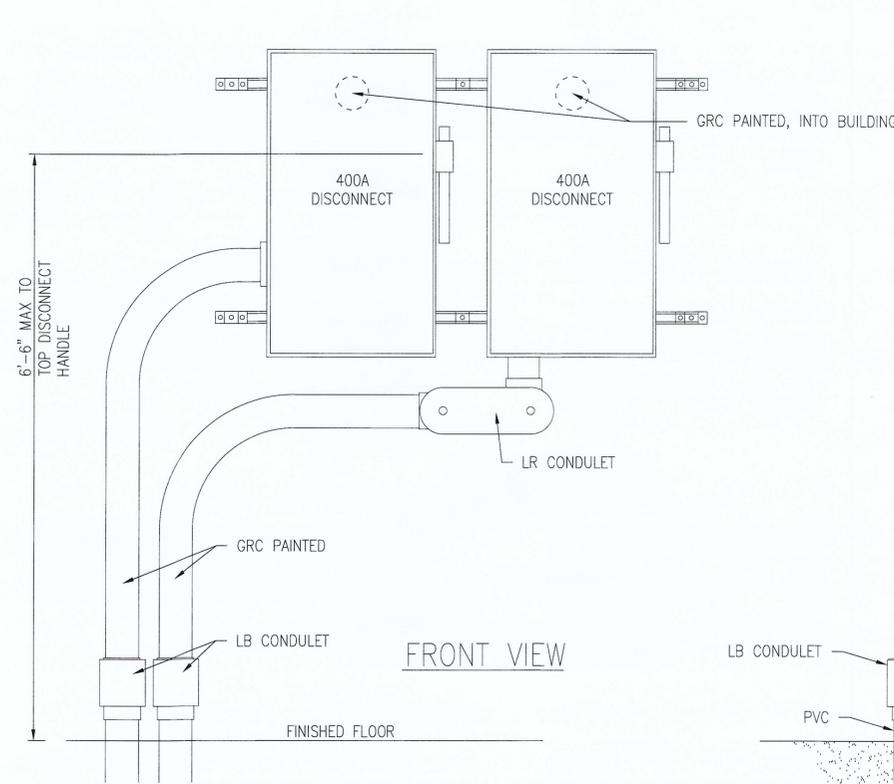
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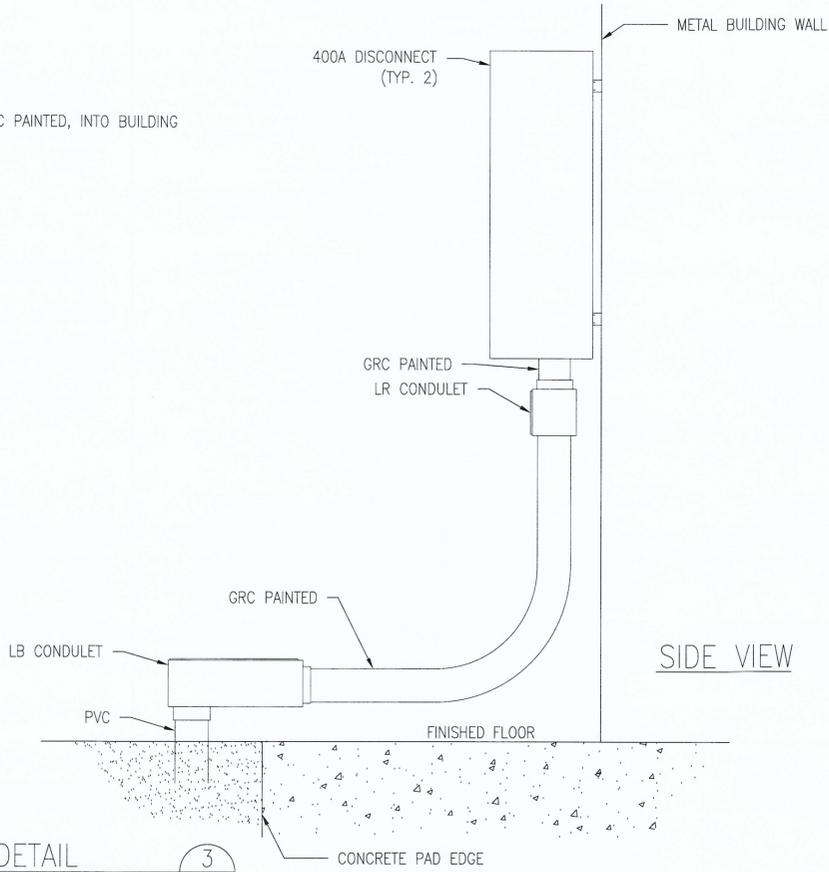
TEMPORARY SERVICE MOUNTING DETAIL
SCALE: NTS



TYPICAL MODULAR BUILDING SERVICE DETAIL
SCALE: NTS



400A DISCONNECT MOUNTING DETAIL
SCALE: NTS



LEGEND:
1. REFER TO DRAWING E0.0 FOR COMMON SYMBOLS AND E0.1 FOR ABBREVIATIONS

CONSTRUCTION NOTES:
▶ PROVIDE GREEN PAINTED C-CHANNEL STRUT RACK WITH EQUIPMENT AS SHOWN. REFER TO ONE-LINE DIAGRAM E10.0 FOR EQUIPMENT DETAILS.
▶ PROVIDE CONDUIT ONLY FOR FUTURE SERVICE.

6710 E10.4
40 OF 41
PA: POT-PA-00000292 TOWNSHIP: 21 NORTH RANGE: 03 SECTION: 27
PROJ. ID: 101686.01 DAT-HRZ: WA83-SF VERT: PARCEL:
PHASE: BID SET

EBC SILVERBACK TEMPORARY RELOCATION
TEMPORARY SERVICE MOUNTING DETAIL

APPROVED: *Steven Garrett*
DIRECTOR ENG. DATE: steven.garrett Feb 10, 2026
PRINTED BY: PORT ADDRESS:

CHECKED BY: DATE
PROJ. ENGR: DATE

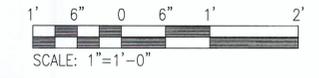
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Port of Tacoma
P.O. BOX 1887 TACOMA, WA 98401 (206) 861-1000
www.portoftacoma.com

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3546 PULASKI AVE. SUITE 200
TACOMA, WA 98404
WWW.CASNE.COM (252) 522-1000

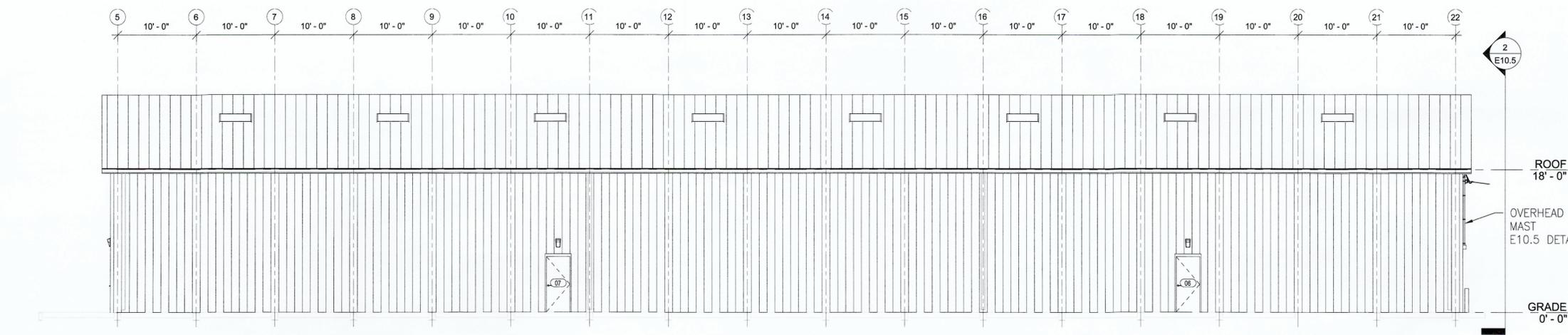
STEVEN H. GARRETT
REGISTERED PROFESSIONAL ENGINEER
STATE OF WASHINGTON
NO. 101686
EXPIRES 12/31/2026

SCALE: 1"=1'-0"

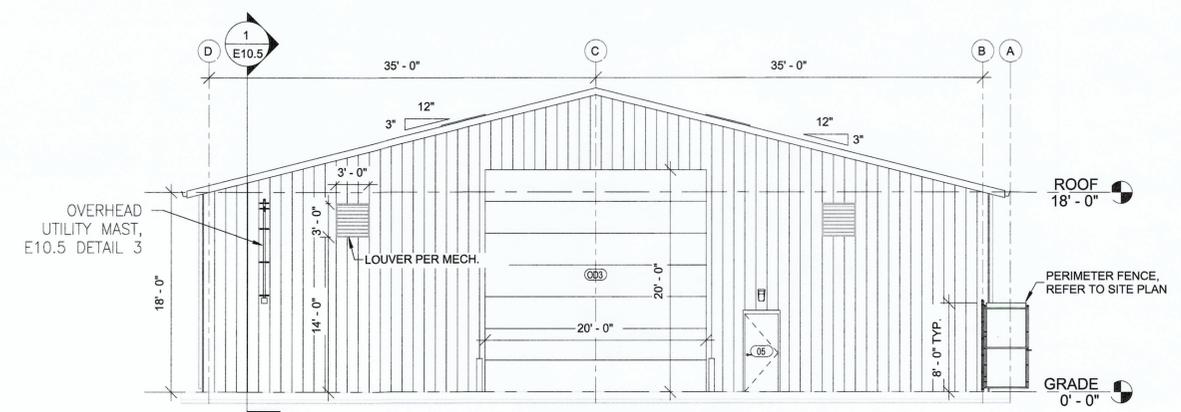


C:\Users\steveng\OneDrive - Casne Engineering\Proj\Port of Tacoma\241160-001 POT EBC Tenant Relocation\Drawings\E10.5 - Ahmed.abdelraheem - LAST SAVE: 2/10/26 11:06:19 - PLOTTED: 2/10/26 13:23:45

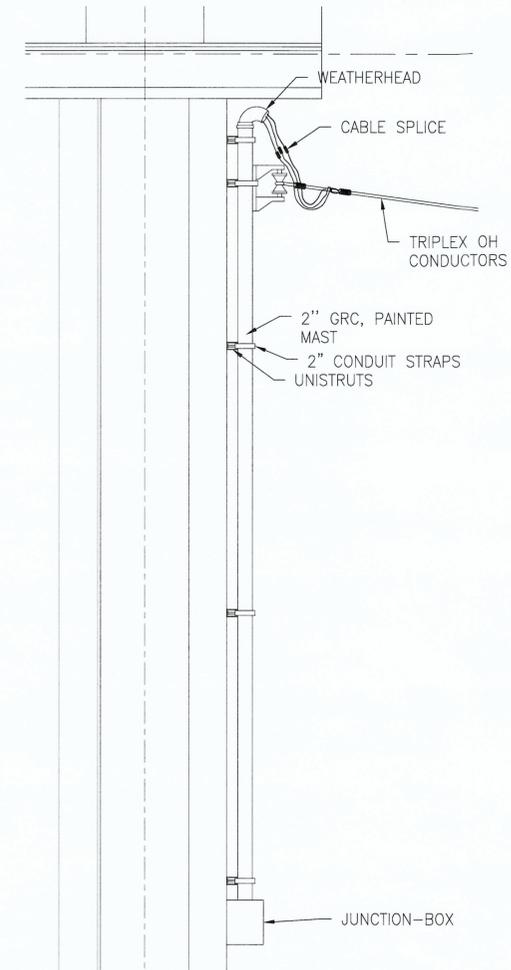
BINDING EDGE



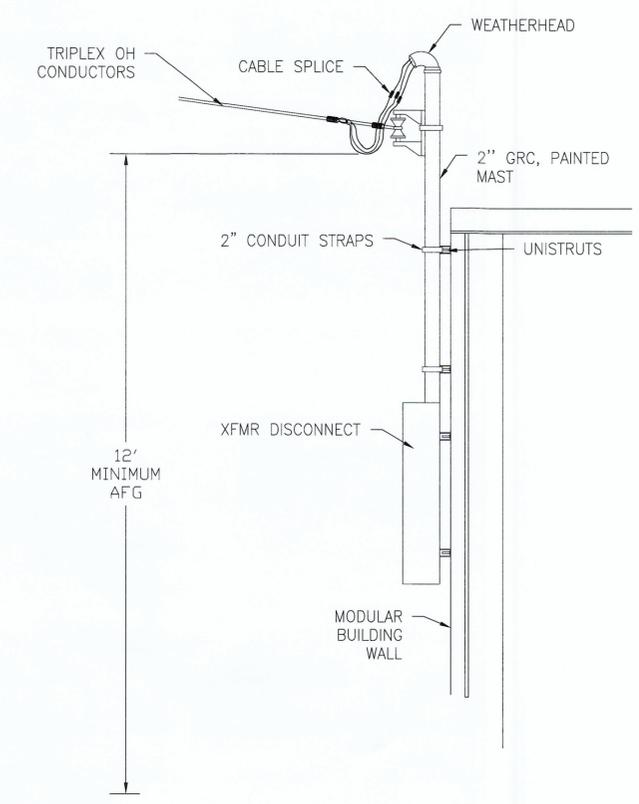
1 SOUTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION
1/8" = 1'-0"



3 SILVERBACK BLDG MAST DETAIL
1" = 1'-0"



4 MODULAR BLDG MAST DETAIL
1" = 1'-0"

	P.O. BOX 1837 TACOMA, WA 98401 (202)395-0441 APPROVED: <i>Steven Gorrett</i> 2/23/26 DATE:
	BY:
	MARK:
	REVISION:
	CHECKED BY:
	DATE:
EBC SILVERBACK TEMPORARY RELOCATION	PROJECT ENG. DATE:
	PRINTED BY:
E10.5	TOWNSHIP: 21 NORTH RANGE: 03 SECTION: 27
	DAT-HRZ: WA83-SF VERT:
PHASE: BID SET	DRAWING SCALE: 1" = 1'-0"