

PORT OF TACOMA

PARCEL 1A (TOTE) INBOUND GATE ROOF REPLACEMENT

PROJECT NO. 201118.01

CONTRACT NO. 071249

PORT COMMISSIONERS:

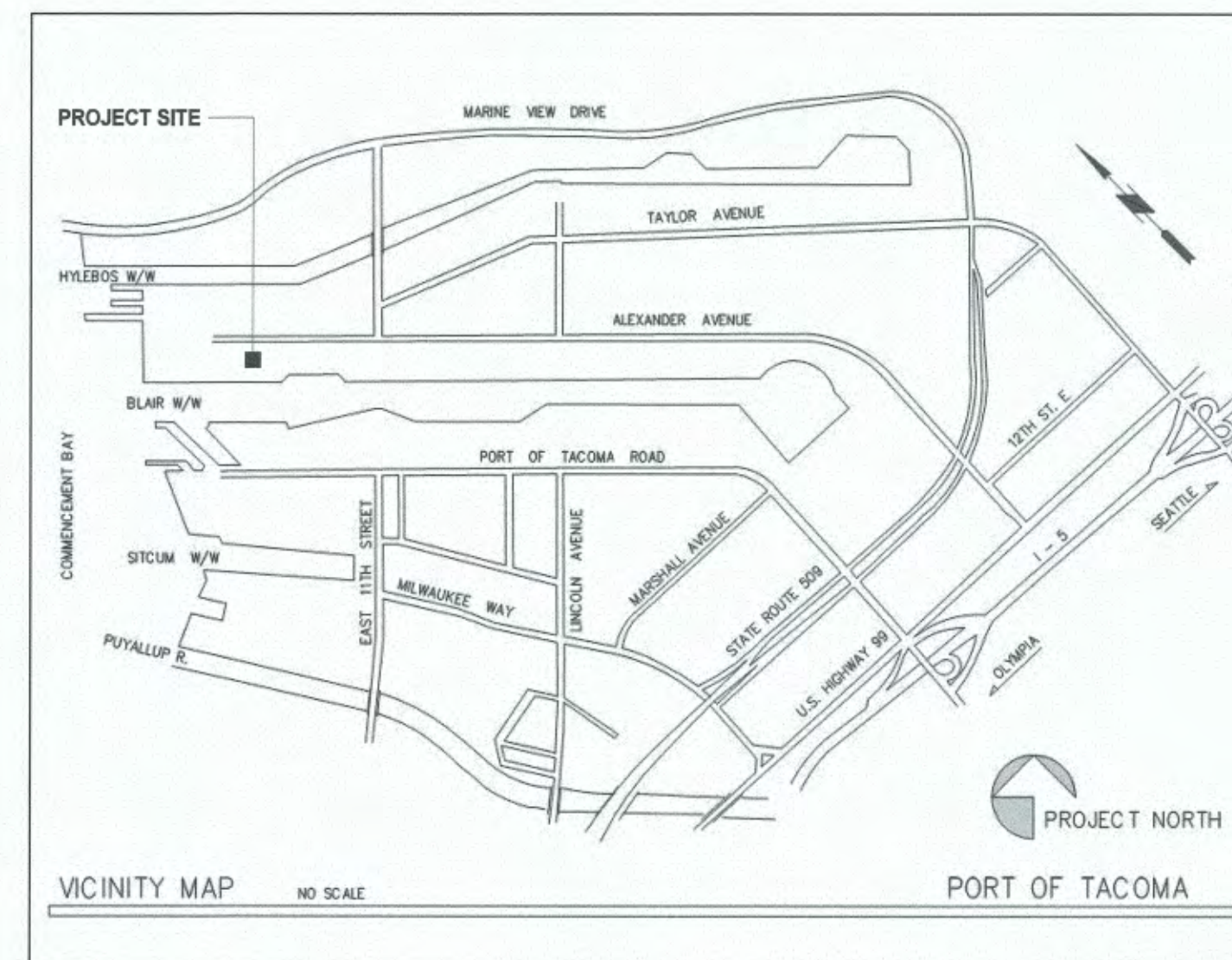
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DEANNA KELLER

PORT STAFF:

JOHN WOLFE
Chief Executive Officer

THAIS HOWARD, P.E.
Director of Engineering

NORMAN GILBERT, P.E.
Project Manager

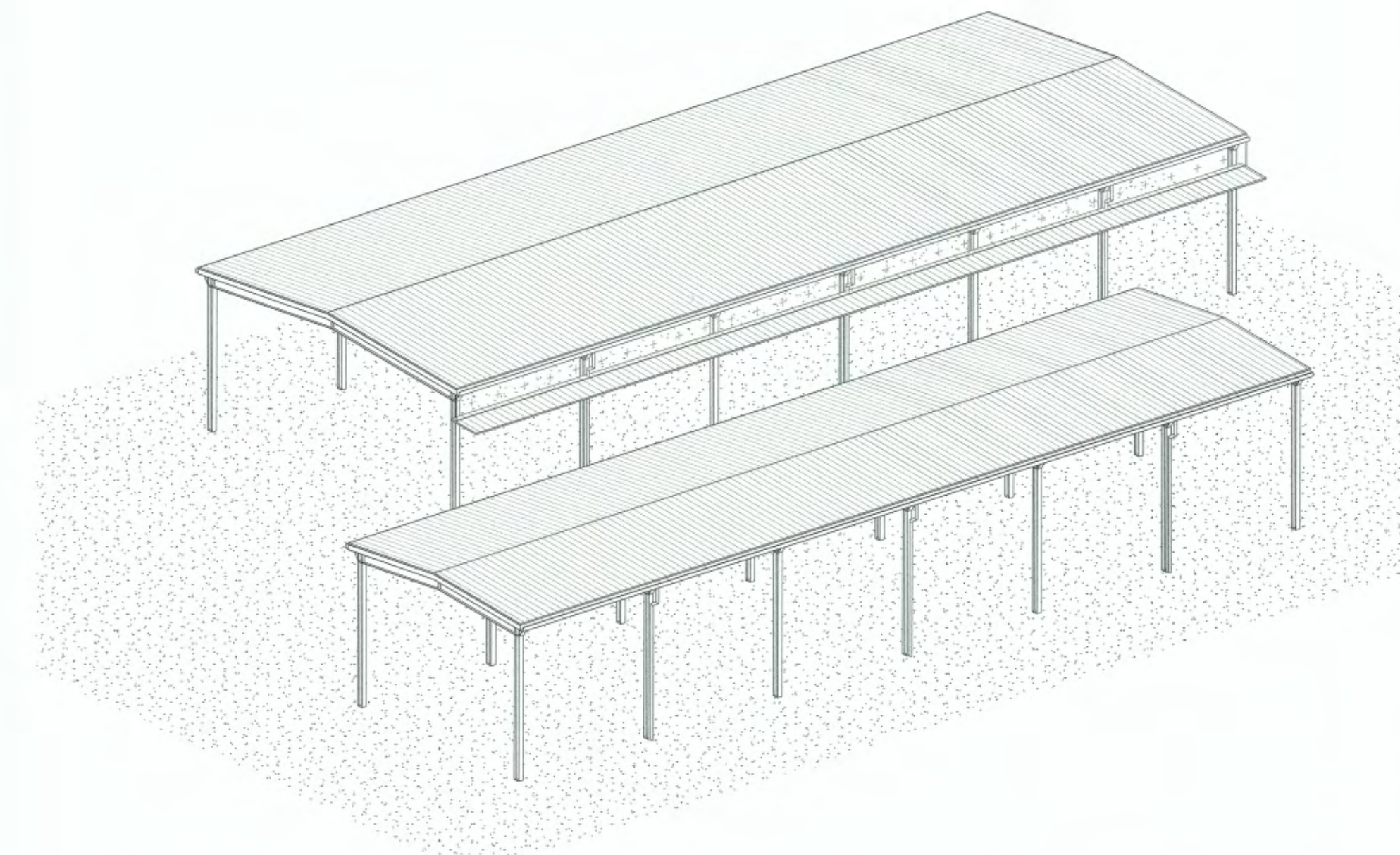


CONSULTANT:

OAI PS
Architecture & Planning

ARCHITECT:
OSBORN ARCHITECTS INC, PS
1011 SW Klickitat Way, Suite 208
Seattle, WA 98134-1162

Contact: Jerry Osborn, AIA
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DRAWING LIST			
SHEET DESIGNATION	SHEET #	SHEET TITLE	REVISION
G1.0	1	COVER SHEET	
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6655 G1.0 SHT #1 OF 10	PARCEL 1A (TOTE) INBOUND GATE ROOF REPLACEMENT COVER SHEET	APPROVED: <i>[Signature]</i>	CHECKED BY: _____	DATE: _____
		DIRECTOR: J. Howard	PROJ. ENGR: _____	DATE: _____
		PRINTED BY: JUM	PORT ADDRESS: 501 ALEXANDER AVE	TACOMA, WA 98421
		DRAWING SCALE: 12" = 1'-0"		
CONT/CONS: 071249	TOWNSHIP: 21	RANGE: 03	SECTION: 34	
M. ID: 201118.01	DAT-HRZ: WA83-SF	VERT: _____		
PHASE: 100% SUBMITTAL	PARCEL: _____			
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REGISTERED ARCHITECT
JERRY D. OSBORN
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6273

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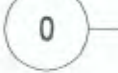
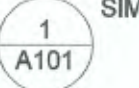
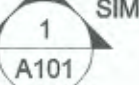
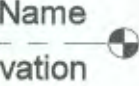
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ABBREVIATIONS

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

DRAWING LEGEND & SYMBOLS

 TYP.	DEMOLITION KEYNOTE		GRIDLINE AND GRID MARK		DEMOLISH		(N) EXPANDED POLYSTYRENE INSULATION
	SHEET KEYNOTE		DETAIL MARK DRAWING NUMBER, SHEET NUMBER		(E) EXISTING WORK		(N) HEAT WELD AT PVC MEMBRANE
	SUPPLEMENTAL KEYNOTE		ELEVATION/SECTION MARK DRAWING NUMBER, SHEET NUMBER		(N) NEW WORK		(N) SHEET METAL FLASHING
	ROOF/WALL ASSEMBLY		PROJECT NORTH DIRECTION		EXISTING WORK TO BE DEMOLISHED		(E) VENT STACK TO REMAIN
	DOOR/WINDOW TAG		PHOTO REFERENCE PHOTO NUMBER, SHEET NUMBER		INDICATES FASTENING PATTERN AT CORNERS		(E) VENT THROUGH ROOF
	REVISION TAG		ELEVATION/LEVEL MARK		INDICATES FASTENING PATTERN AT PERIMETER		
	ROOM TAG ROOM NAME, OCCUPANCY ROOM NUMBER, ROOM AREA						

GENERAL NOTES

1. 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.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS, PROPERTY LINES, MEASUREMENTS AND CONDITIONS IN THE FIELD BEFORE BEGINNING WORK. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.
10. ALL WORK TO BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE CODES, LAWS AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION OVER THE WORK.



Part of Tacoma



OAI PS
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APPR: DATE:

BY:

REVISION:

MARK:

REGISTERED ARCHITECT
JERRY D. OSBORN
STATE OF WASHINGTON

CHECKED BY: DATE:

PROJ. ENGR. DATE:

PRINTED BY: JUM

PORT ADDRESS: 501 ALEXANDER AVE
TACOMA, WA 98421

DRAWING SCALE: As indicated

6655

PARCEL 1A (TOTE)

INBOUND GATE ROOF REPLACEMENT

GEN. NOTES, SYMBOLS, & ABBREVIATIONS

SHT #2 OF 10

CONTR/CONS: 071249

TOWNSHIP: 21

RANGE: 03

SECTION: 34

M. ID: 201118.01

DATE-HRZ: WA83-SF

PHASE: 100% SUBMITTAL

PARCEL:

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101 SW Main Street, Suite 280 | Portland, OR 97204 | 503.232.3746
www.pcs-structural.com

November 19, 2020

Osborn Architects Inc., PS
1011 SW Klickitat Way, Suite 208
Seattle, WA 98134

ATTN: Jerry Osborn

RE: Tote Maritime
Entry Canopy Roof Replacement
500 Alexander Avenue
Tacoma, Washington
Project No. 201118.01

Dear Jerry:

As requested, we have performed a review of the structural aspects of the roof replacement for the two Tote Maritime canopies at the above noted address. The proposed roof replacement involves removal of the existing standing seam roof and replacement with AEP Span Span-Lok hp roofing with 16" width and 22 gage galvanized steel. The supporting roof structure is cold-formed steel Z-purlins spaced at approximately 5-ft. on center. We conclude that the proposed roofing is acceptable for the proposed application, and the items that we evaluated and addressed are as follows:

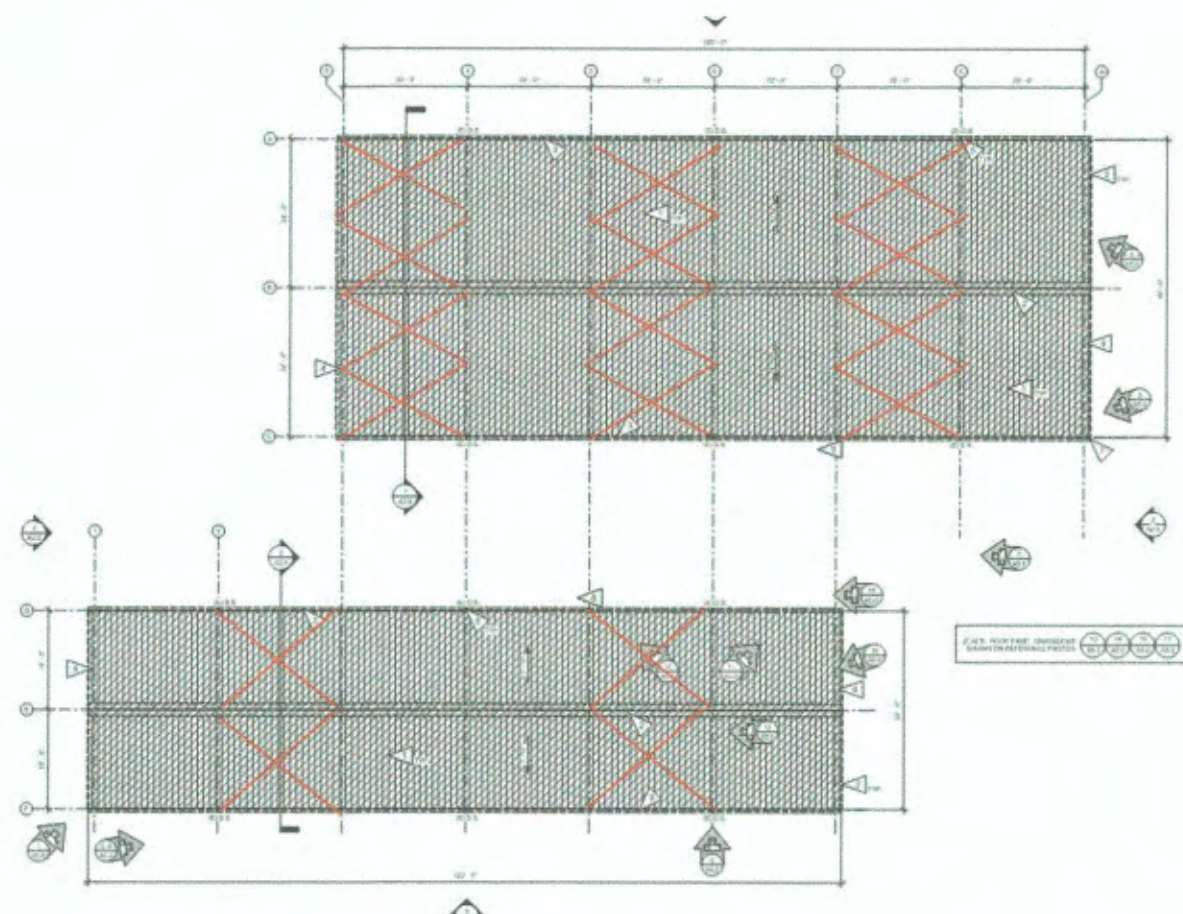
1. Roof vertical loads. As noted in the permit review comments from the city, they requested documentation regarding the capacity of the new roof to support design roof vertical loads. We have evaluated this roofing per the manufacturer's literature and it can safely support the design roof loads.
2. Roof diaphragm. We performed a site visit to the property and we observed that the existing structures have cross bracing in the plane of the roof framing that provides the function of the roof diaphragm. The cross bracing locations are as shown on the drawing below. Based on this evaluation the new roofing does not need to function as a diaphragm.

Page 1



Connected Teams.
Bold Solutions.

Osborne Architects Inc., PS
Jerry Osborn
Tote Maritime
Entry Canopy Roof Replacement



3. Wind load. The capacity of the new roof to resist design wind pressures, particularly wind uplift, has been confirmed. Per the AEP Span manufacturer's literature, the 16" Span-Lok hp roofing meets UL580 Class 90 wind uplift requirements for 5' span with the standard purlin clips. Based on this and the load tables the proposed roofing is acceptable for this application.
4. Roofing connections. It appears that the existing roofing is attached with clips, and the proposed connections for the new roofing will also use clips. Per the manufacturer's literature, the connection of the roofing to purlins should be accomplished with a minimum of two screws at each panel, at each purlin. The selected clips and screws should be as recommended by the manufacturer. During our site visit we observed purlin bracing on the existing purlins and therefore it is our conclusion that the use of roofing clips to attach the roofing is acceptable. A photo showing the purlin bracing is attached, showing one end attached to the high side of a purlin and the other end attached to the low side of the adjacent purlin.

Page 2



Connected Teams.
Bold Solutions.

Osborne Architects Inc., PS
Jerry Osborn
Tote Maritime
Entry Canopy Roof Replacement



Thank you for the opportunity to be of service. Please contact us if you have any questions.

Very truly yours,

PCS STRUCTURAL SOLUTIONS

Jack J. Pinkard, S.E.
Senior Principal

JJPdls
21-068

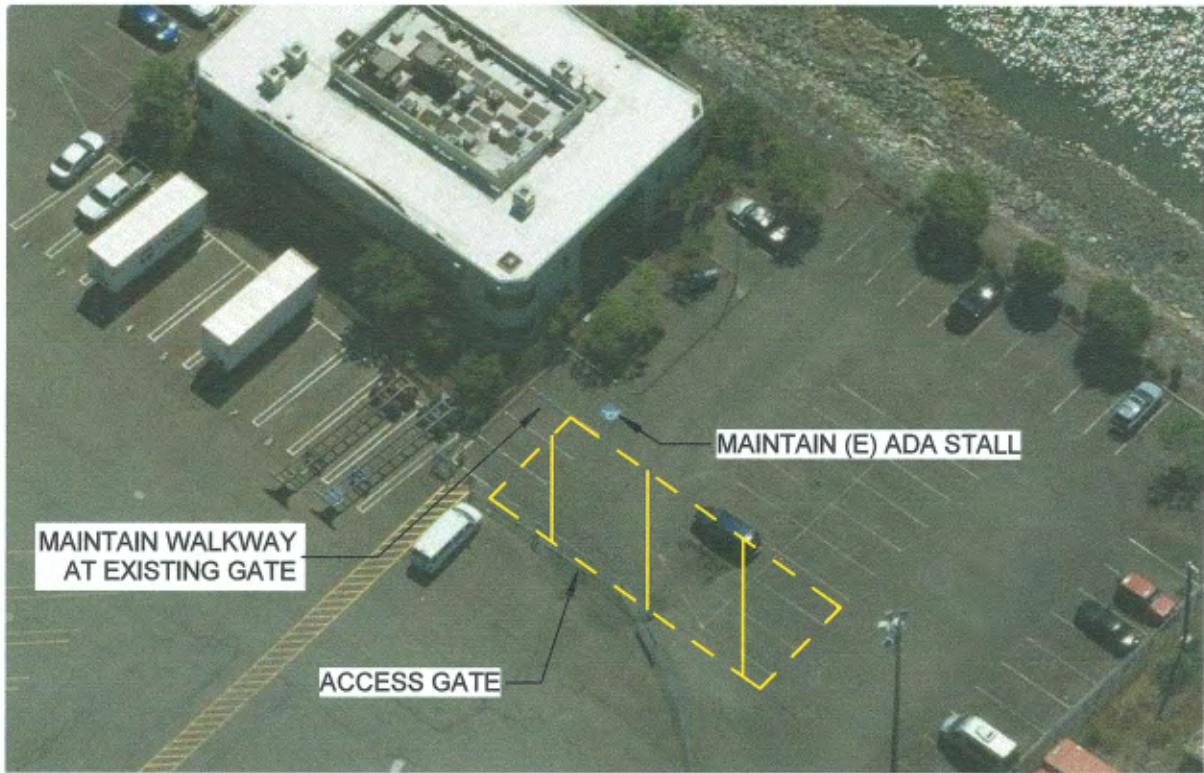


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Page 3

6655 G1.2 SHT #3 OF 10 CONT/CONS: 071249 M. ID: 201118.01 PHASE: 100% SUBMITTAL	PARCEL 1A (TOTE) INBOUND GATE ROOF REPLACEMENT STRUCTURAL NOTES TOWNSHIP: 21 DATE: 201118.01 RANGE: 03 DAT-HRZ: WA83-SF SECTION: 34 VERT: PARCEL: DRAWING SCALE:	APPROVED: [Signature] DIRECTOR, ENG. DATE: JUN PRINTED BY: JIM PORT ADDRESS: 501 ALEXANDER AVE TACOMA, WA 98421	Checker C H E C K E D BY DATE PROJ. ENGR DATE	Port of Tacoma 1011 SW KICKITAT WAY, STE. 208 SEATTLE, WA 98134 (206) 631-6442 P.O. BOX 1877 TACOMA, WA 98401 (253) 383-2441 DATE: APPR: B Y: MARK: REVISION:	

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2
A0.1
NTS

LAYDOWN AND STAGING AREA

1
A0.1
NTS

REFERENCE SITE PLAN



6655
A0.1

SHT #4 OF 10

CONT/CONS: 071249
M. ID: 201118.01
PHASE: 100% SUBMITTAL

PARCEL 1A (TOTE)
INBOUND GATE ROOF REPLACEMENT

SITE PLAN

TOWNSHIP: 21
RANGE: 03
SECTION: 34
DATE: 03/18/2021
DAT-HRZ: WA83-SF
VERT: 100% SUBMITTAL

APPROVED:
DIRECTOR: *Theresa H. Hines*
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PORT ADDRESS: 501 ALEXANDER AVE
TACOMA, WA 98421

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REGISTERED
ARCHITECT
James D. Osborn
JAMES D. OSBORN
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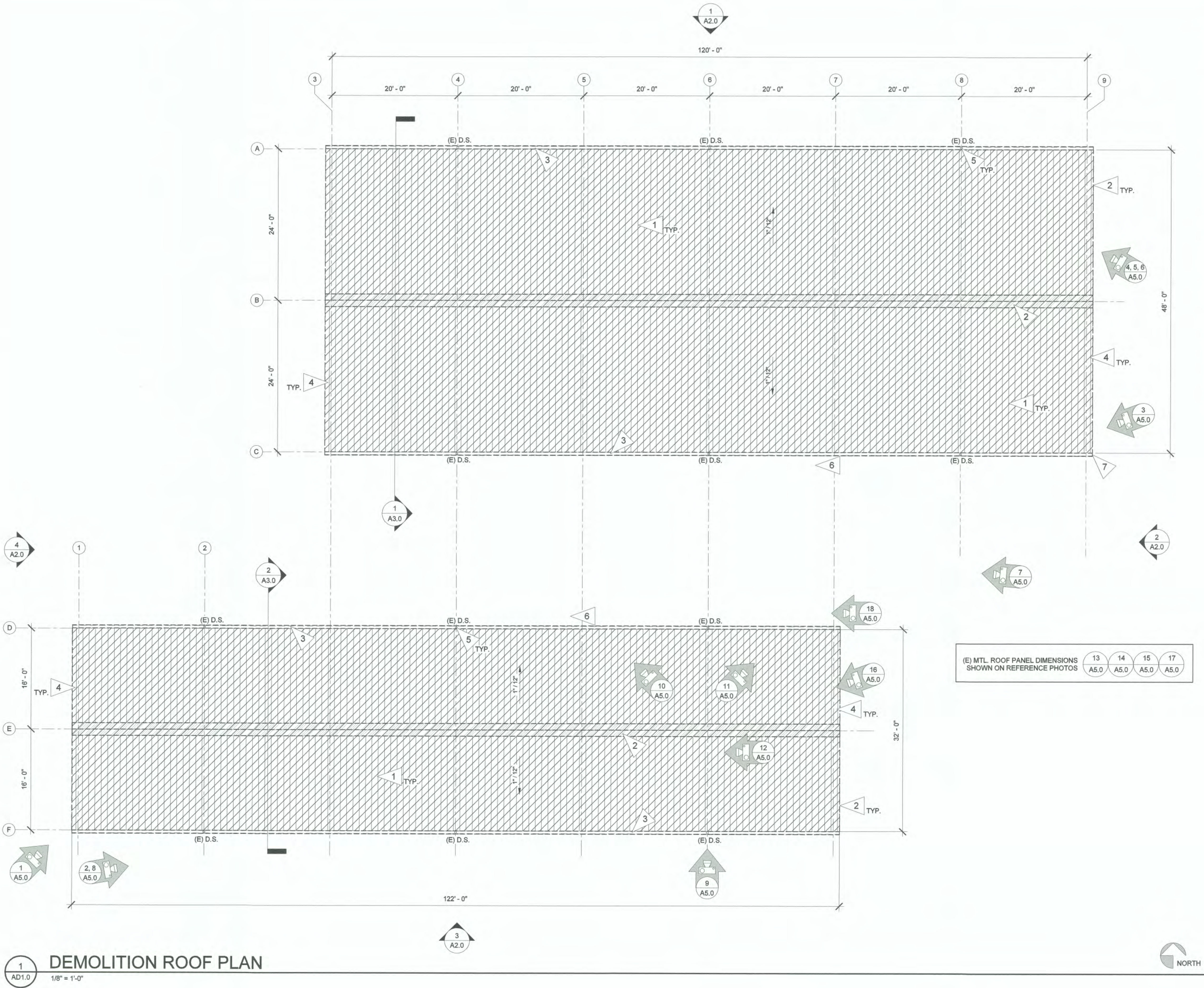
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DEMOLITION KEYNOTES

- 1 DEMOLISH (E) STANDING SEAM METAL ROOF PANEL
- 2 DEMOLISH (E) RIDGE CAP/RAKE EDGE FLASHING
- 3 DEMOLISH (E) METAL GUTTER AND EAVE TRIM
- 4 DEMOLISH (E) C-CHANNEL ALONG ENTIRE RAKE EDGE
- 5 (E) STEEL DOWNSPOUT TO REMAIN, TYP.
- 6 (E) METAL ROOFING AT LOWER CANOPY TO REMAIN, TYP.
- 7 REMOVE & RE-INSTALL (E) WINDSOCK

SHEET LEGEND

- DEMOLISH (E) CONSTRUCTION PER KEYNOTES
- (E) ROOFING TO REMAIN AT LOWER CANOPY ROOF
- (E) D.S. (E) STEEL DOWNSPOUT TO REMAIN, TYP.
- EXISTING CONDITION REFERENCE PHOTO

6655

AD1.0

SHT # 10

CONT/CONS: 071249
M. ID: 201118.01
PHASE: 100% SUBMITTAL

PARCEL 1A (TOTE)
INBOUND GATE ROOF REPLACEMENT

ROOF DEMOLITION PLAN

TOWNSHIP: 21
RANGE: 03
SECTION: 34
DAT-HRZ: WA83-SF
PARCEL: As indicated

APPROVED:

DIRECTOR ENG. DATE: JUN

PRINTED BY: 501 ALEXANDER AVE

TACOMA, WA 98421

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PROJ. ENGR DATE

REGISTERED ARCHITECT
JERRY D. OSBORN
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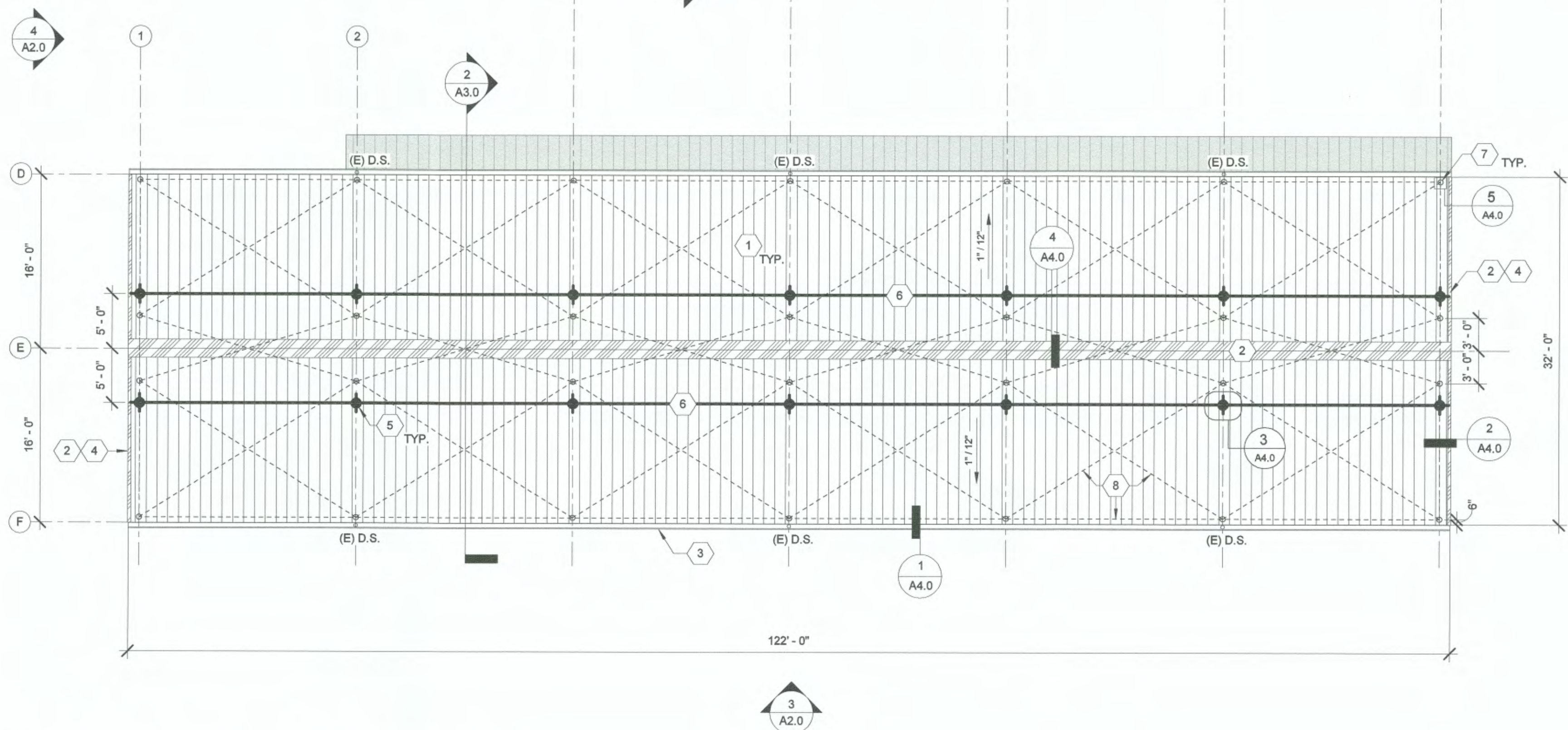
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1
A1.0

ROOF REPLACEMENT PLAN

1/8" = 1'-0"



ROOF PLAN KEYNOTES

- 1 (N) 22GA STANDING SEAM METAL ROOF PANEL, TYP.
- 2 (N) 22GA PREFINISHED RAKE/RIDGE FLASHING PER DETAIL
- 3 (N) 22GA PREFINISHED GUTTER/EAVE TRIM PER DETAIL
- 4 (N) 16GA C-CHANNEL AT EACH EDGE TO MATCH EXISTING
- 5 (N) FALL PROTECTION ANCHOR WELDED TO (E) STRUCTURE
- 6 (N) HORIZONTAL LIFELINE WITH SHOCK ABSORBER
- 7 (N) BIRD DETERRENT SUPPORT POLE AND BRACKET
- 8 (N) BIRD DETERRENT GRID WIRE AT 7'-0" ABOVE ROOF

SHEET LEGEND

- (N) STANDING SEAM METAL ROOFING
- (E) ROOFING TO REMAIN AT LOWER CANOPY ROOF
- (E) D.S. (E) STEEL DOWNSPOUT TO REMAIN, TYP.
- (N) FALL PROTECTION ANCHOR
- (N) HORIZONTAL LIFELINE WITH SHOCK ABSORBER
- (N) BIRD DETERRENT WIRE SUPPORT POLE
- (N) BIRD DETERRENT WIRE GRID AT 7'-0" ABOVE ROOF

6655
A1.0

SHT # OF 10

CONT/CONS: 07/249

M. ID: 201118.01

PHASE: 100% SUBMITTAL

PARCEL 1A (TOTE)
INBOUND GATE ROOF REPLACEMENT

ROOF REPLACEMENT PLAN

TOWNSHIP: 21

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APPROVED: [Signature]

DIRECTOR: [Signature]

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SECTION: 34

RANGE: 03

VERT: 100%

CHECKER: [Signature]

DATE: [Signature]

PROJ. ENR: [Signature]

DATE: [Signature]

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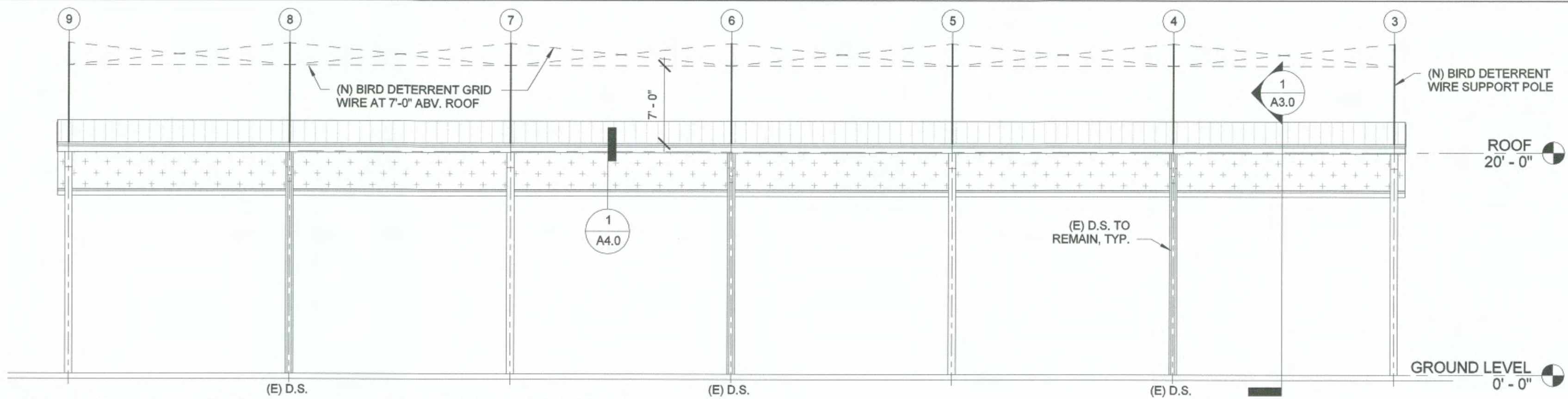
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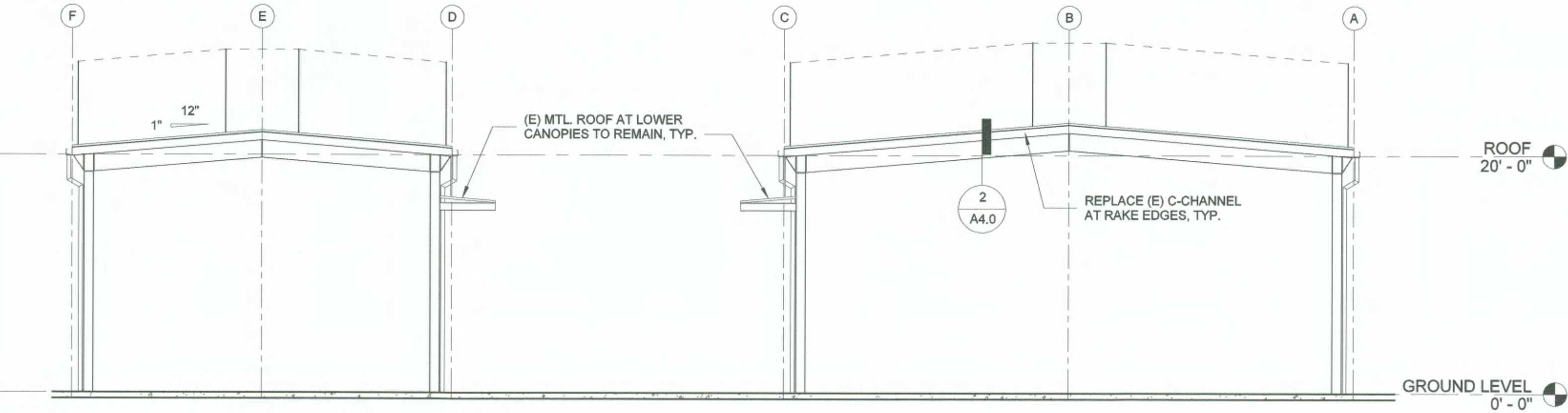
APPR: [Signature]

DATE: [Signature]

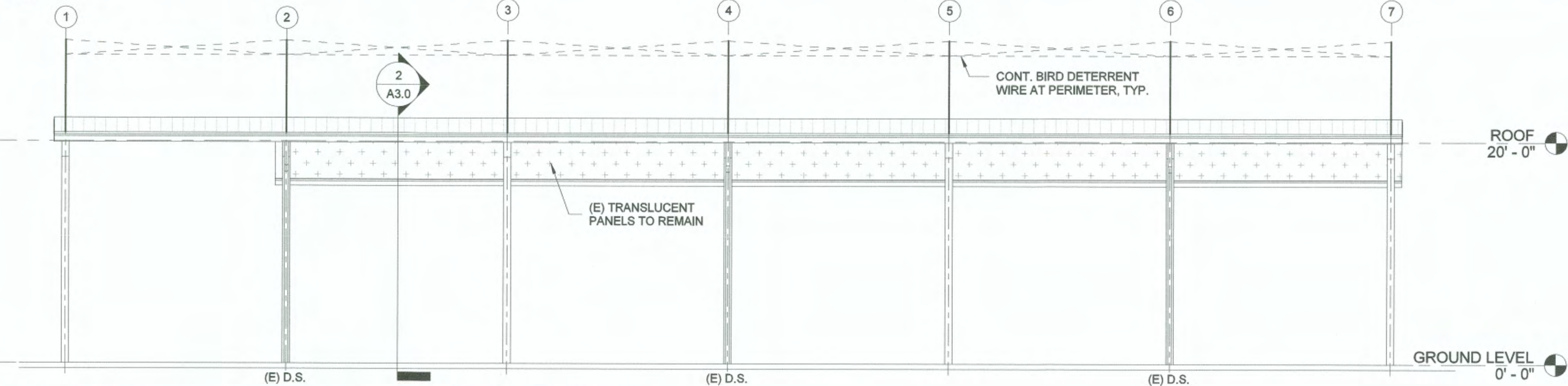
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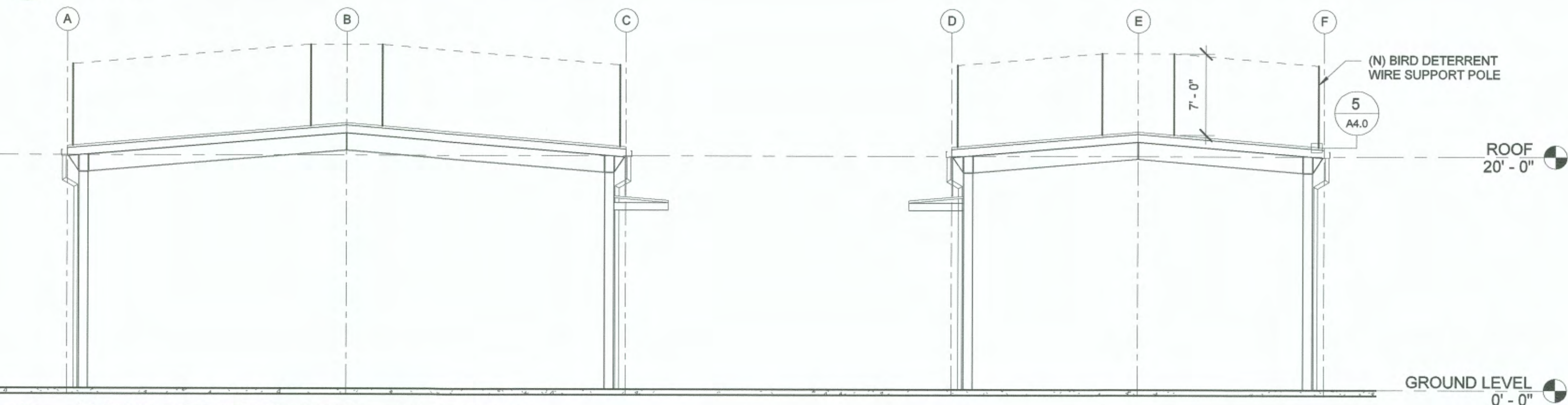
1 NORTH ELEVATION - NORTH CANOPY
1/8" = 1'-0"



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



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



4 WEST ELEVATION - OVERALL
1/8" = 1'-0"

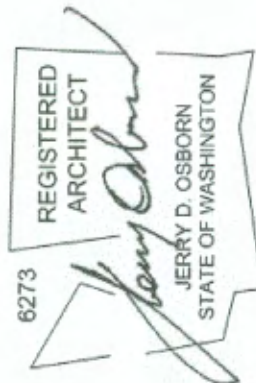
SHEET NOTES

- FALL PROTECTION ANCHORS AND HORIZONTAL LIFELINES NOT SHOWN FOR CLARITY, REFER TO A1.0 - ROOF REPLACEMENT PLAN.
- BIRD DETERRENT GRID WIRE SHOWN FOR REFERENCE ONLY, FINAL LAYOUT AND PLACEMENT OF DETERRENT WIRES AND SUPPORT POLES TO BE DETERMINED BY THE MANUFACTURER.
- ALL BIRD DETERRENT GRID WIRE TO BE SET 7'-0" ABOVE THE ROOF.



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MARK: REVISION: B Y: APPR: DATE:



CHECKED BY DATE

PROJ. ENGR DATE

DIRECTOR ENGR. DATE
PRINTED BY: JUM
PORT ADDRESS: 501 ALEXANDER AVE
TACOMA, WA 98421

APPROVED: *[Signature]*
PARCEL 1A (TOTE)
INBOUND GATE ROOF REPLACEMENT

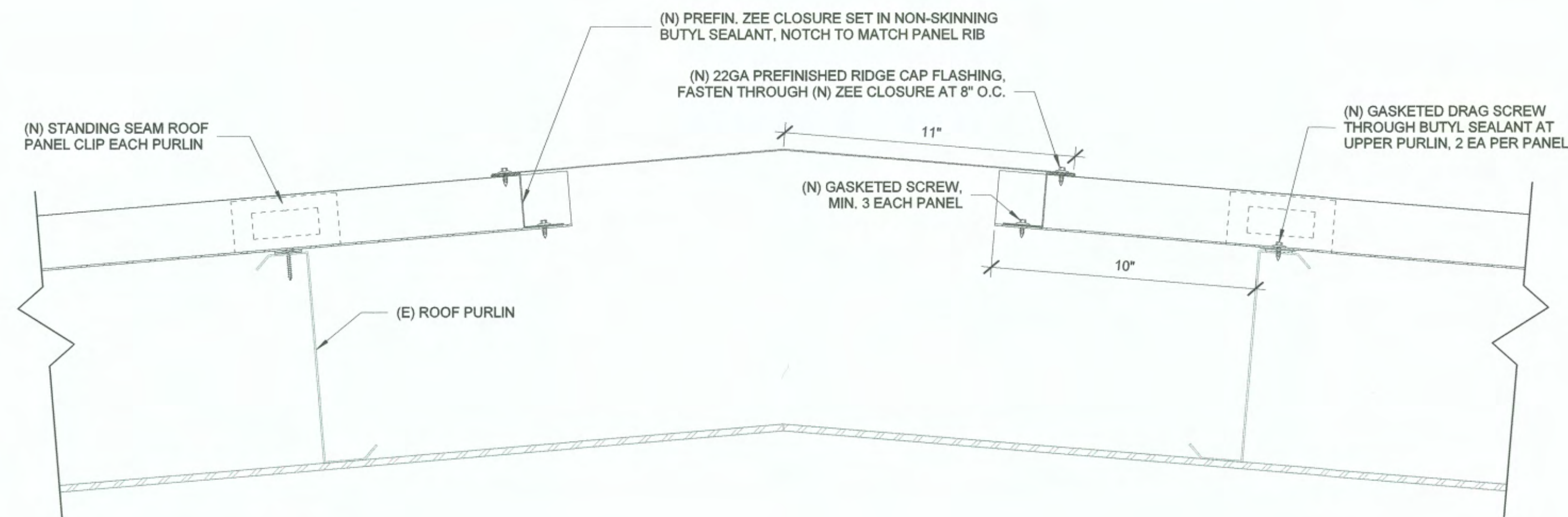
EXTERIOR ELEVATIONS

TOWNSHIP: 21
RANGE: 03
SECTION: 34
DATE: 201118.01
DAT-HRZ: WA83-SF
VERT: 100% SUBMITTAL

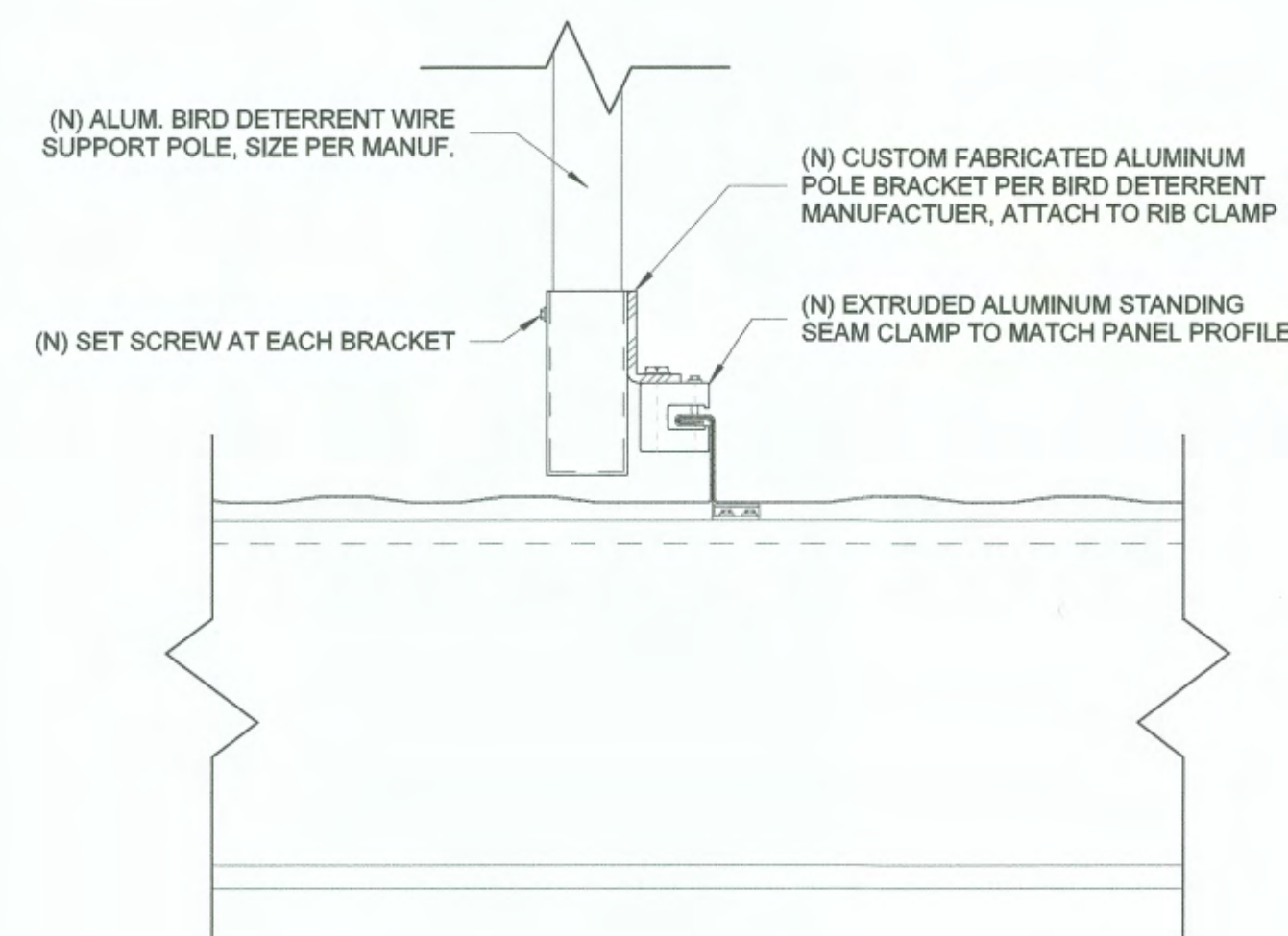
6655
A2.0
SHT #7 OF 10

CONTR/CONS: 071249
M. ID: 201118.01
PHASE: 100% SUBMITTAL

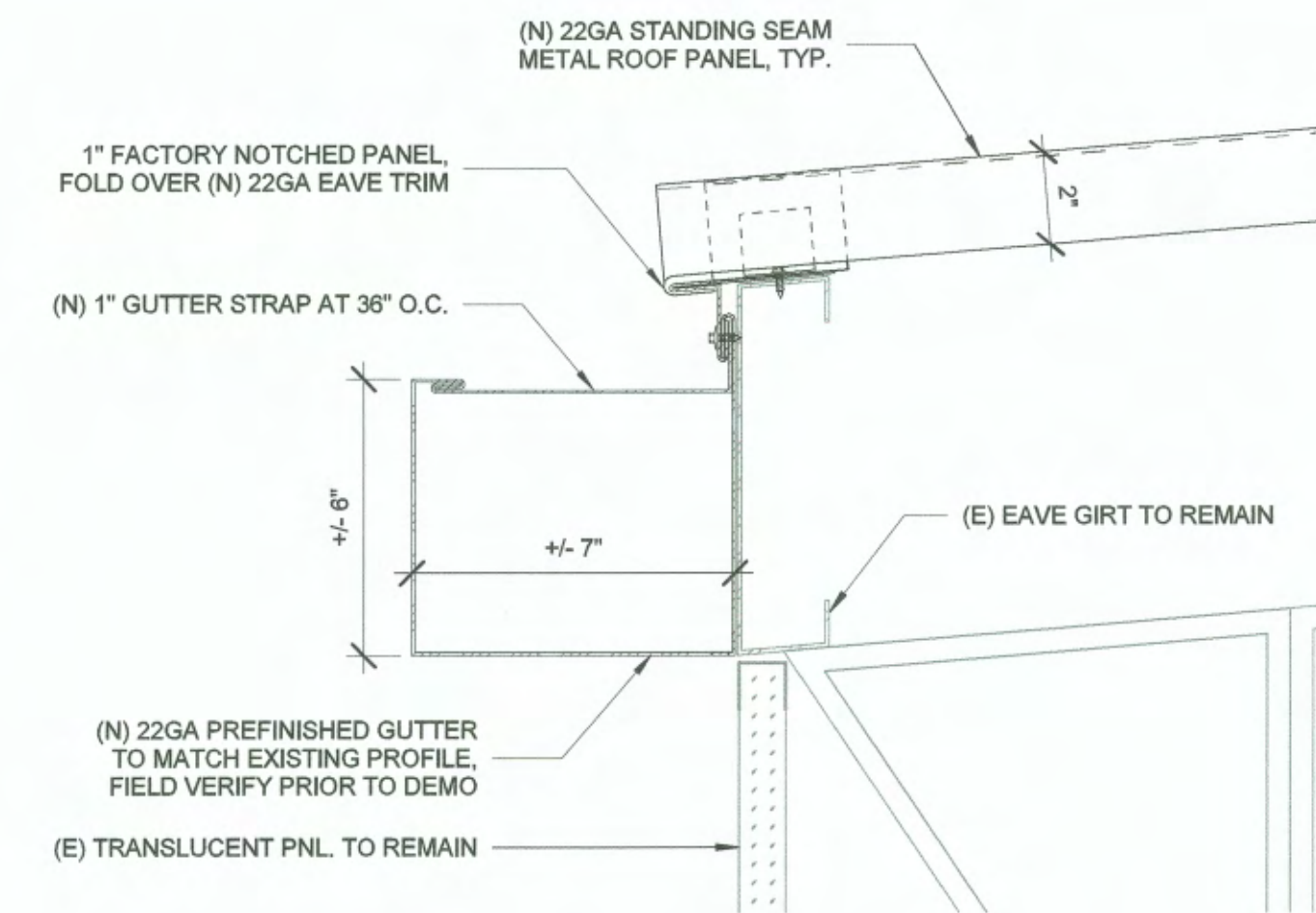
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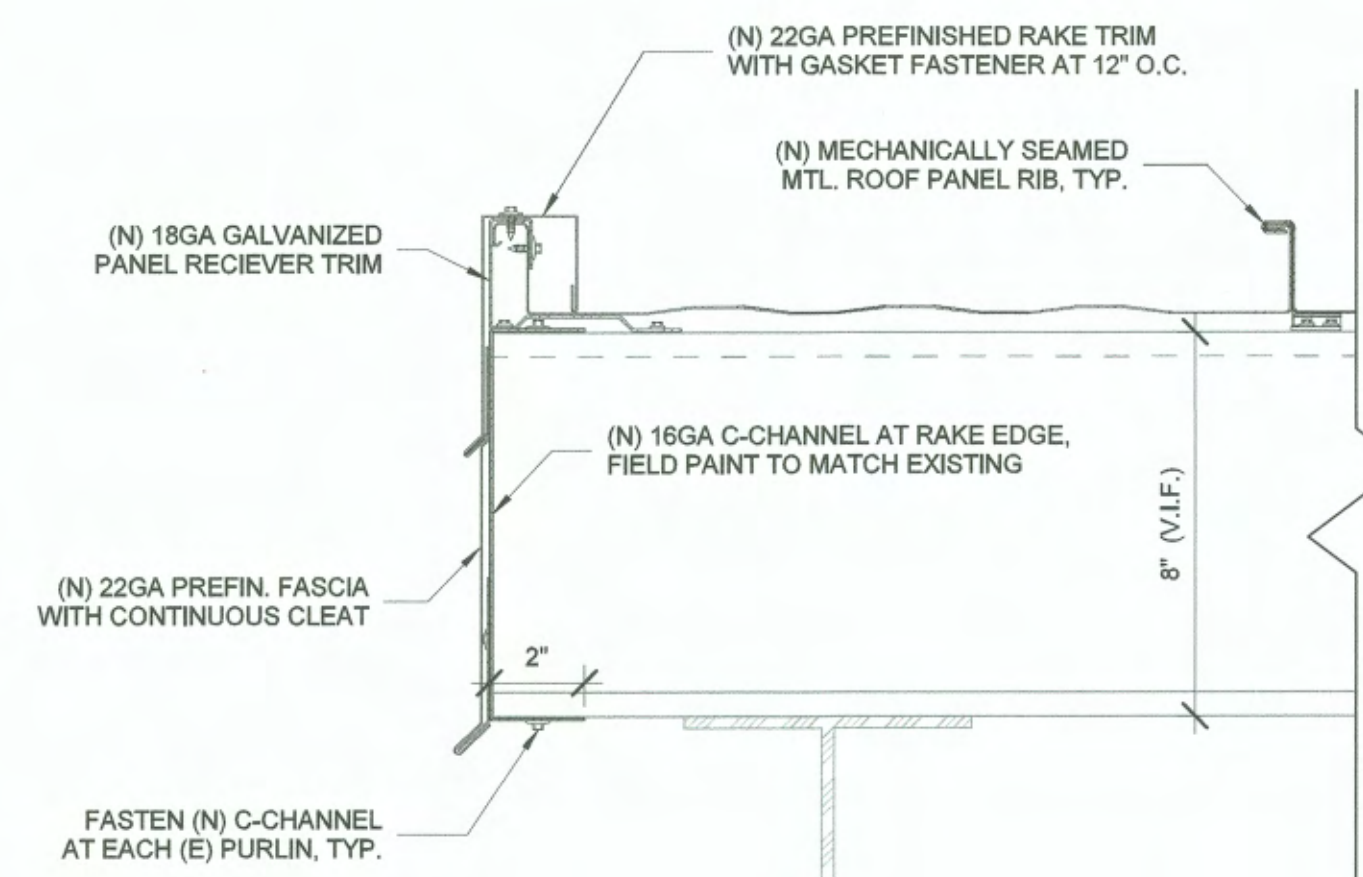
4 (N) RIDGE CAP
A4.0 3" = 1'-0"



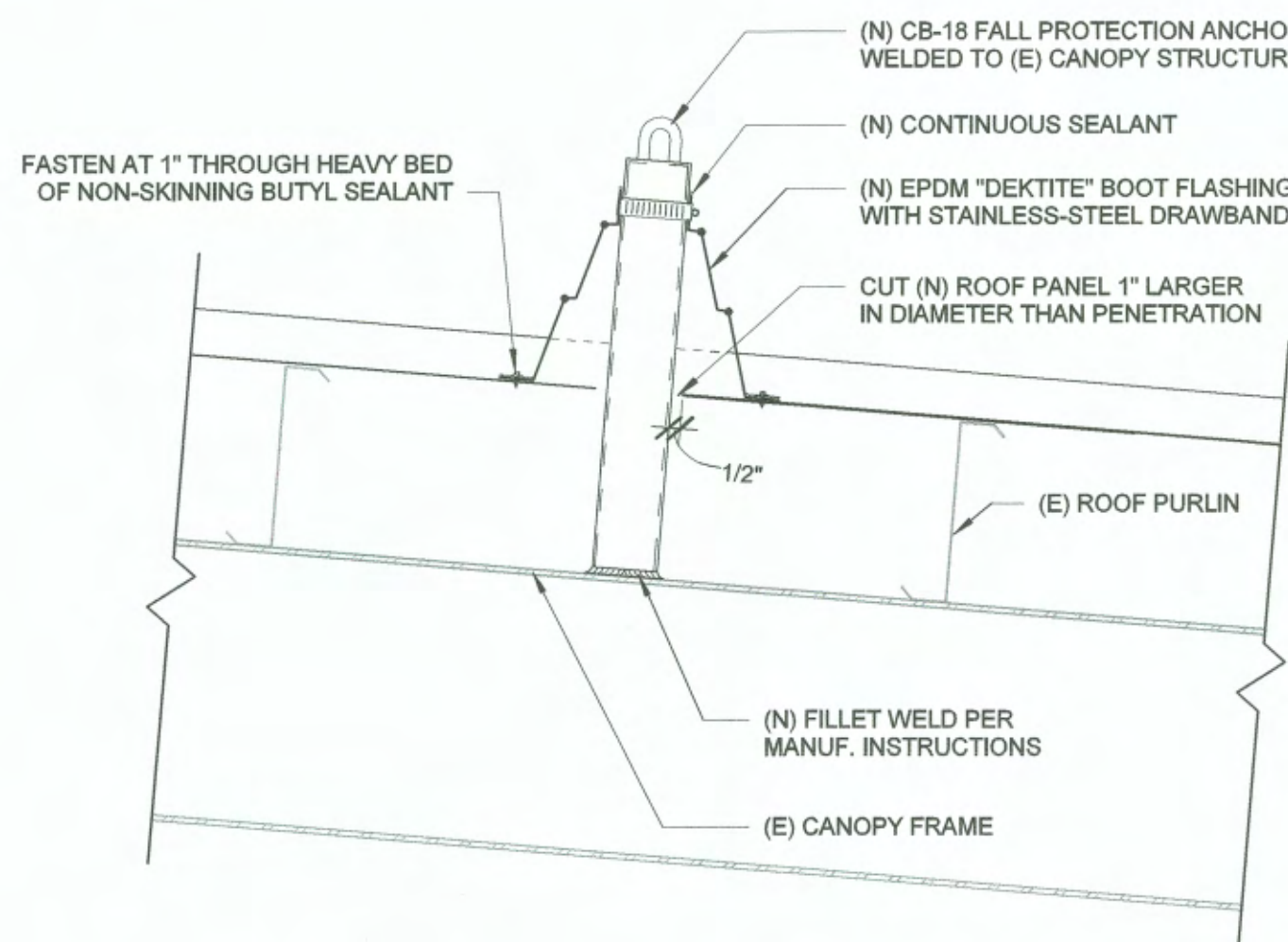
5 (N) BIRD DETERRENT POLE
A4.0 3" = 1'-0"



1 (N) EAVE & GUTTER AT MTL. ROOF
A4.0 3" = 1'-0"



2 (N) RAKE EDGE AT MTL. ROOF
A4.0 3" = 1'-0"



3 (N) ROOF ANCHOR AT BEAM
A4.0 1 1/2" = 1'-0"

6655 A4.0 SHT #9 OF 10 CONT/CONS: 071249 M. ID: 201118.01 PHASE: 100% SUBMITTAL		PARCEL 1A (TOTE) INBOUND GATE ROOF REPLACEMENT DETAILS TOWNSHIP: 21 DAT-HRZ: WA83-SF RANGE: 03 SECTION: 34 DRAWING SCALE: As indicated		APPROVED: <i>[Signature]</i> DIRECTOR ENG. DATE: JUN PRINTED BY: JUN PORT ADDRESS: 501 ALEXANDER AVE TACOMA, WA 98421		CHECKED BY: <i>[Signature]</i> DATE: <i>[Date]</i> PROJECT ENGR. DATE: <i>[Date]</i> PORT ADDRESS: 501 ALEXANDER AVE TACOMA, WA 98421		REGISTERED ARCHITECT JERRY D. OSBORN STATE OF WASHINGTON 6273		OAI PS Architecture & Planning 1041 SW KLUCKITAT WAY, STE. 208 SEATTLE, WA 98134 (206) 851-4442 MARK: REVISION: BY: APPR: DATE:		Port of Tacoma P.O. BOX 107 TACOMA, WA 98402	
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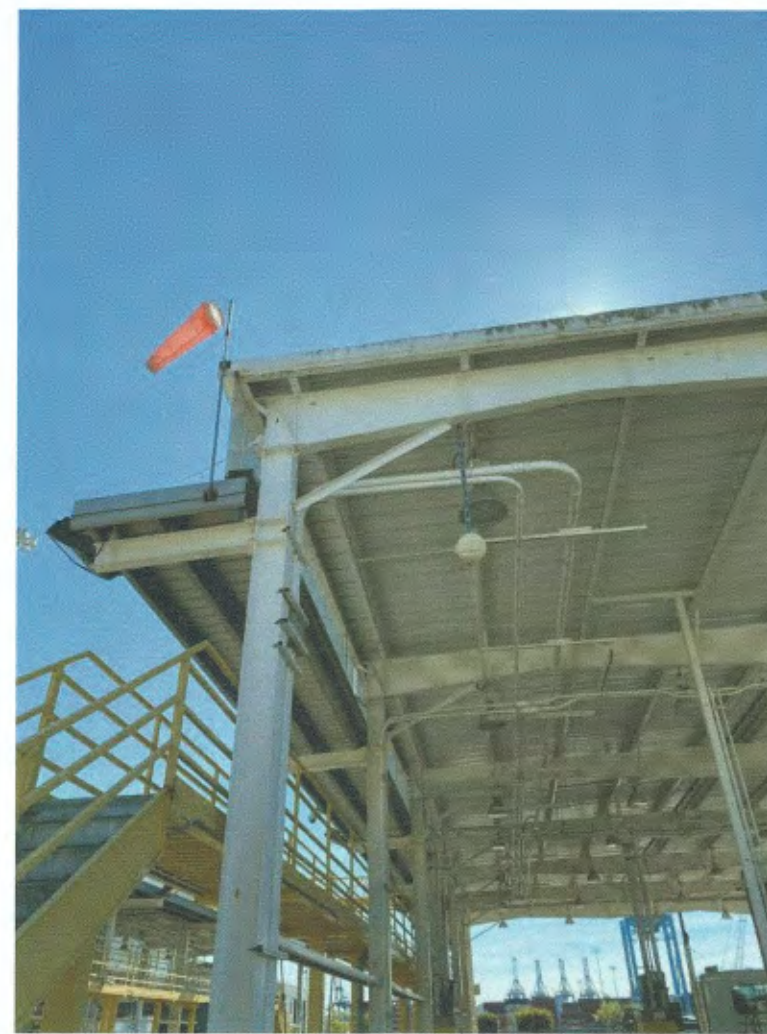
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1
A5.0
CANOPY ELEVATION
NTS



2
A5.0
CANOPY ELEVATION
NTS



3
A5.0
CANOPY ELEVATION
NTS



4
A5.0
CANOPY ELEVATION
NTS



5
A5.0
CANOPY FRAMING
NTS



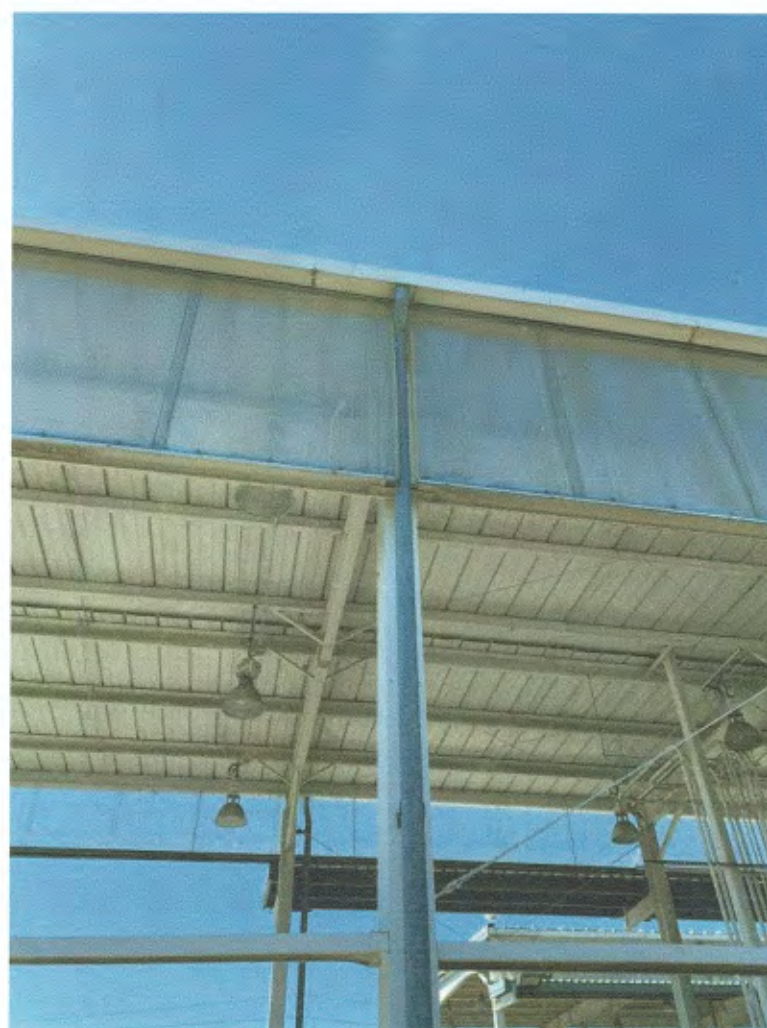
6
A5.0
CANOPY FRAMING
NTS



7
A5.0
CANOPY ELEVATION
NTS



8
A5.0
CANOPY ELEVATION
NTS



9
A5.0
(E) DOWNSPOUT
NTS



10
A5.0
CANOPY ROOF
NTS



11
A5.0
CANOPY ROOF
NTS



12
A5.0
CANOPY ROOF
NTS



13
A5.0
(E) ROOF PANEL
NTS



14
A5.0
(E) ROOF PANEL
NTS



15
A5.0
(E) ROOF PANEL
NTS



16
A5.0
(E) CHANNEL AT RAKE
NTS



17
A5.0
(E) PANEL CLIP
NTS



18
A5.0
(E) CANOPY ROOF
NTS

6655 A5.0 SHT #10 OF 10 CONT/CONS: 071249 M. ID: 201118.01 PHASE: 100% SUBMITTAL	PARCEL 1A (TOTE) INBOUND GATE ROOF REPLACEMENT		APPROVED: <i>Chris Howard</i> DIRECTOR ENG. DATE: 12/16/2020 PRINTED BY: JIM		CHECKED BY: DATE: PROJECT: ENGR: DATE: 501 ALEXANDER AVE TACOMA, WA 98421	OAI PS Architecture & Planning 1011 SW KLUCKITAT WAY, STE. 208 SEATTLE, WA 98134 (206) 531-8442 MARK: REVISION: B.Y: APPR: DATE:	Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401 (253) 895-5641
	REFERENCE PHOTOS TOWNSHIP: 21 RANGE: 03 SECTION: 34 DAT-HRZ: WA83-SF VERT: PARCEL:		DRAWING SCALE: 1" = 1'-0"				

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