

**PCT STRAD BAY ROOF & HUSKY MAINTENANCE
TOWER ROOF REPLACEMENTS
PROJECT NO. 201191.01 & 201204.01
CONTRACT NO. 072112**

6694 G1.00 SHT #1 OF 16	PCT STRAD BAY ROOF & HUSKY MAINTENANCE TOWER ROOF REPLACEMENTS COVER SHEET				APPROVED: _____		6273 REGISTERED ARCHITECT  JERRY D. OSBORN STATE OF WASHINGTON		JOAI ARCHITECTURE + PLANNING 1011 SW KLIKITTAT WAY, STE. 208 SEATTLE, WA 98134 (206) 631-8442		Part of Tacoma P.O. BOX 4377 TACOMA, WA 98401 (253) 383-5644			
	TOWNSHIP: 20	RANGE: 03	SECTION: 02			DIRECTOR	ENG.	DATE	PROJ.	ENGR	DATE	MARK:	REVISION:	BY:
	DAT-HRZ:		VERT:		PRINTED BY:		C Y		PORT ADDRESS:		3205 PORT OF TACOMA RD TACOMA, WA 98421		APPR:	DATE:
	PARCEL:		03200024098		DRAWING SCALE:		12" = 1'-0"							

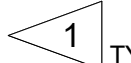
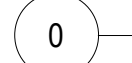
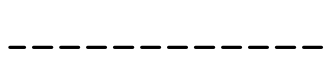
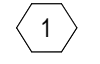
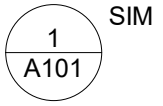
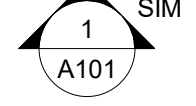
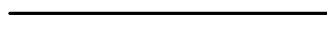
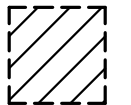
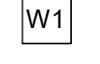
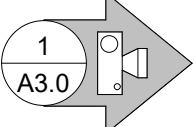
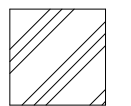
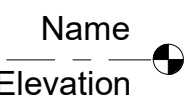
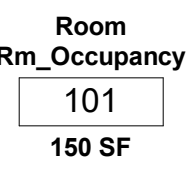
GENERAL NOTES

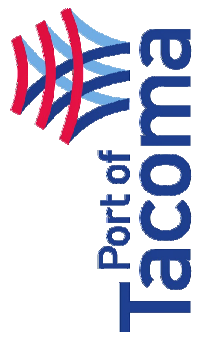
1. DRAWINGS HAVE BEEN PREPARED USING AVAILABLE RECORD DOCUMENTS AND OTHER INFORMATION SUBMITTED, IN PART, BY OTHERS. WHILE THE INFORMATION USED IS BELIEVED TO BE RELIABLE, THE ENGINEER HAS NOT VERIFIED ACCURACY AND/OR COMPLETENESS OF THE INFORMATION, AND IS NOT RESPONSIBLE FOR ITS ACCURACY, NOR FOR ERRORS/OMISSIONS 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 ARE 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.

ABBREVIATIONS

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

	1 TYP.	DEMOLITION KEYNOTE		0	GRIDLINE AND GRID MARK		DEMOLISH
	1	SHEET KEYNOTE		1 A101	DETAIL MARK DRAWING NUMBER, SHEET NUMBER		(E) EXISTING WORK
	A	SUPPLEMENTAL KEYNOTE		1 A101	ELEVATION/SECTION MARK DRAWING NUMBER, SHEET NUMBER		(N) NEW WORK
	S1	ROOF/WALL ASSEMBLY		NORTH	PROJECT NORTH DIRECTION		EXISTING WORK TO BE DEMOLISHED
	W1	DOOR/WINDOW TAG		1 A3.0	PHOTO REFERENCE PHOTO NUMBER, SHEET NUMBER		(N) SHEET METAL FLASHING
	1	REVISION TAG		Name Elevation	ELEVATION/LEVEL MARK		V.T.R. (E) VENT THROUGH ROOF
	Room Rm_Occupancy 101 150 SF	ROOM TAG ROOM NAME, OCCUPANCY ROOM NUMBER, ROOM AREA					



Port of Tacoma

P.O. BOX 1837 TACOMA, WA 98401 (206)353-5841



IOAI ARCHITECTURE + PLANNING

1011 SW KLOCKITAT WAY, STE. 208
SEATTLE, WA 98134 | (206) 651-8442



REGISTERED ARCHITECT

JERRY D. OSBORN

STATE OF WASHINGTON

CHECKED BY: DATE

DIRECTOR: ENC. DATE

PRINTED BY: C.Y.

PORT ADDRESS: 3205 PORT OF TACOMA RD TACOMA, WA 98421

APPROVED:

GEN. NOTES, SYMBOLS, & ABBREVIATIONS

REPLACEMENTS

PCT STRAD BAY ROOF & HUSKY MAINTENANCE TOWER ROOF

6694

G1.01

SHT #2 OF 16

CONTR/CONS: 072112

TOWNSHIP: 20

RANGE: 03

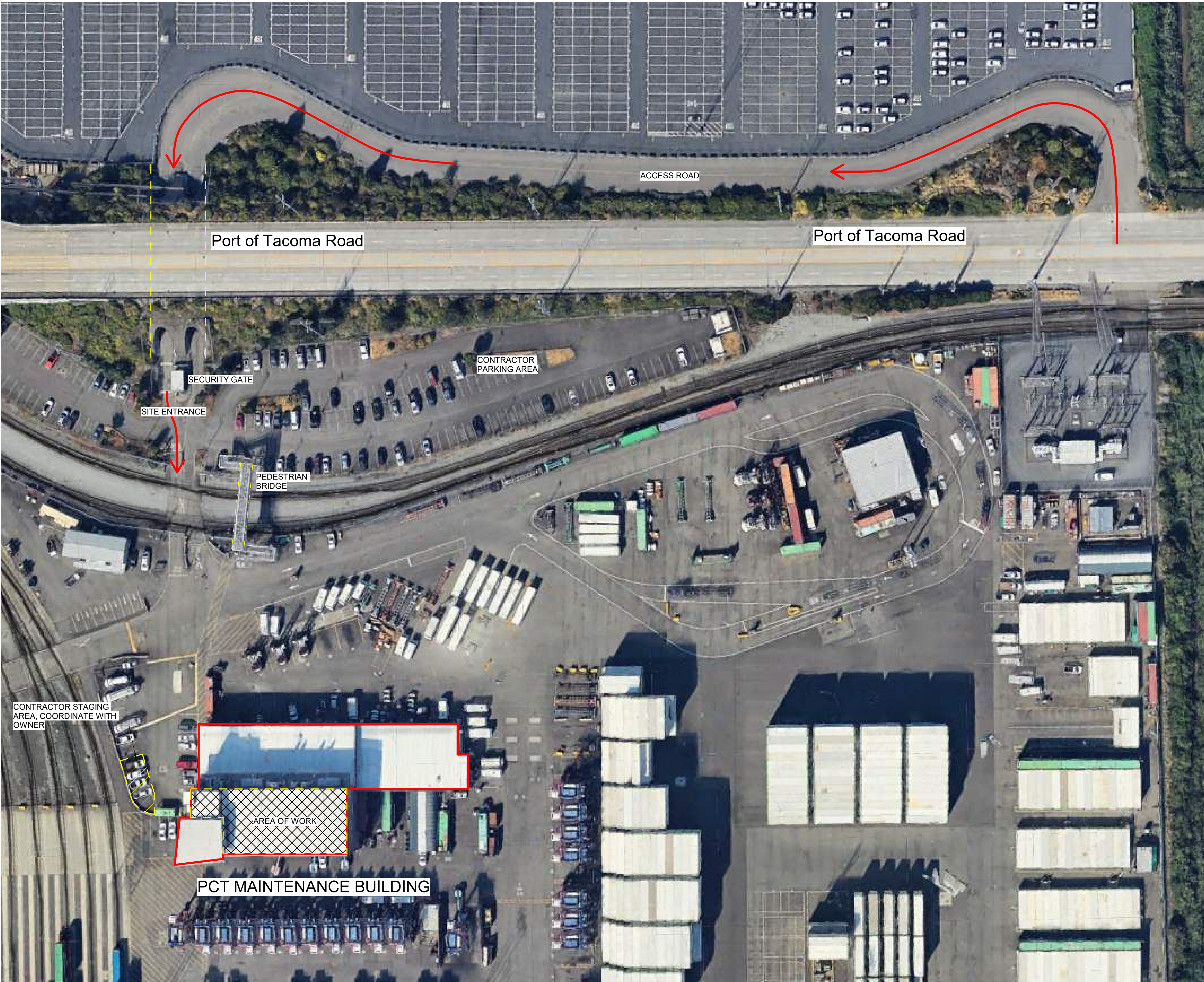
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PARCEL: 0320024098

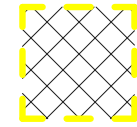
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MARK: REVISION: BY: DATE: APPR:

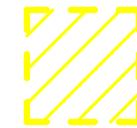
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LEGEND



AREA OF WORK



STAGING AREA, COORDINATE WITH OWNER

NOTE: TWIC REQUIRED BEYOND SECURITY GATE

CODE SUMMARY:

PROJECT NAME:	PCT STRAD BAY METAL ROOF REPLACEMENT
PROJECT ADDRESS:	3205 PORT OF TACOMA RD. TACOMA, WA 98421
PARCEL NUMBER:	0320024098
LEGAL DESCRIPTION:	NE 1/4 OF SECTION 2, T 20 N, R, 3E
SCOPE OF WORK:	REMOVE (E) METAL ROOF AND INSTALL (N) PVC ROOF ASSEMBLY
PROJECT DESCRIPTION:	ROOF MEMBRANE REPLACEMENT HIGH BAY LIGHT FIXTURE REPLACEMENT
JURISDICTION:	CITY OF TACOMA PLANNING AND DEVELOPMENT SERVICES 747 MARKET STREET, 3RD FLOOR TACOMA, WA 98402 P. (253) 591-5030
BUILDING CODE EDITION:	2018 INTERNATIONAL BUILDING CODE WITH CITY OF TACOMA AMENDMENTS 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC) 2018 WASHINGTON STATE ENERGY CODE (WSEC) - WAC 51-11C (COMMERCIAL)
CONSTRUCTION TYPE:	TYPE II-N, FULLY SPRINKLERED (PER ORIGINAL CONSTRUCTION DOCUMENTS, DATED 2004)
DATE BUILT:	2004
SQUARE FEET:	7,500 SF TOTAL
OCCUPANCY:	(B) BUSINESS
CODE SUMMARY:	S3 - REPAIR GARAGE

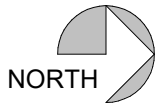
CONTACT INFORMATION:

OWNER:	PORT OF TACOMA ONE SITCUM PLAZA TACOMA, WA 98421 MARCUS VAN VALEN P. (253) 906-9407 E. mvanvalen@portoftacoma.com
ARCHITECT:	OAI, PS 1011 SW KICKITAT WAY, SUITE 208 SEATTLE, WA 98134 JERRY OSBORN AIA, NCARB, LEED AP

1
G1.10

SITE, STAGING, & ACCESS PLAN

NTS



6694

G1.10

SHT #3 OF 16

CONT/CONS: 072112

M. ID: 201191.01

PHASE: BID SET

PCT STRAD BAY ROOF & HUSKY
MAINTENANCE TOWER ROOF
REPLACEMENTS
SITE, STAGING & ACCESS PLAN - PCT

TOWNSHIP: 20

RANGE: 03

SECTION: 02

DATE-HRZ:

VERT:

PARCEL: 0320024098

DRAWING SCALE: As indicated

APPROVED:

CHECKED BY

DATE

DIRECTOR

ENG. DATE

PROJ. ENGR

DATE

PRINTED BY:

CY

PORT ADDRESS: 3205 PORT OF TACOMA RD

TACOMA, WA 98421

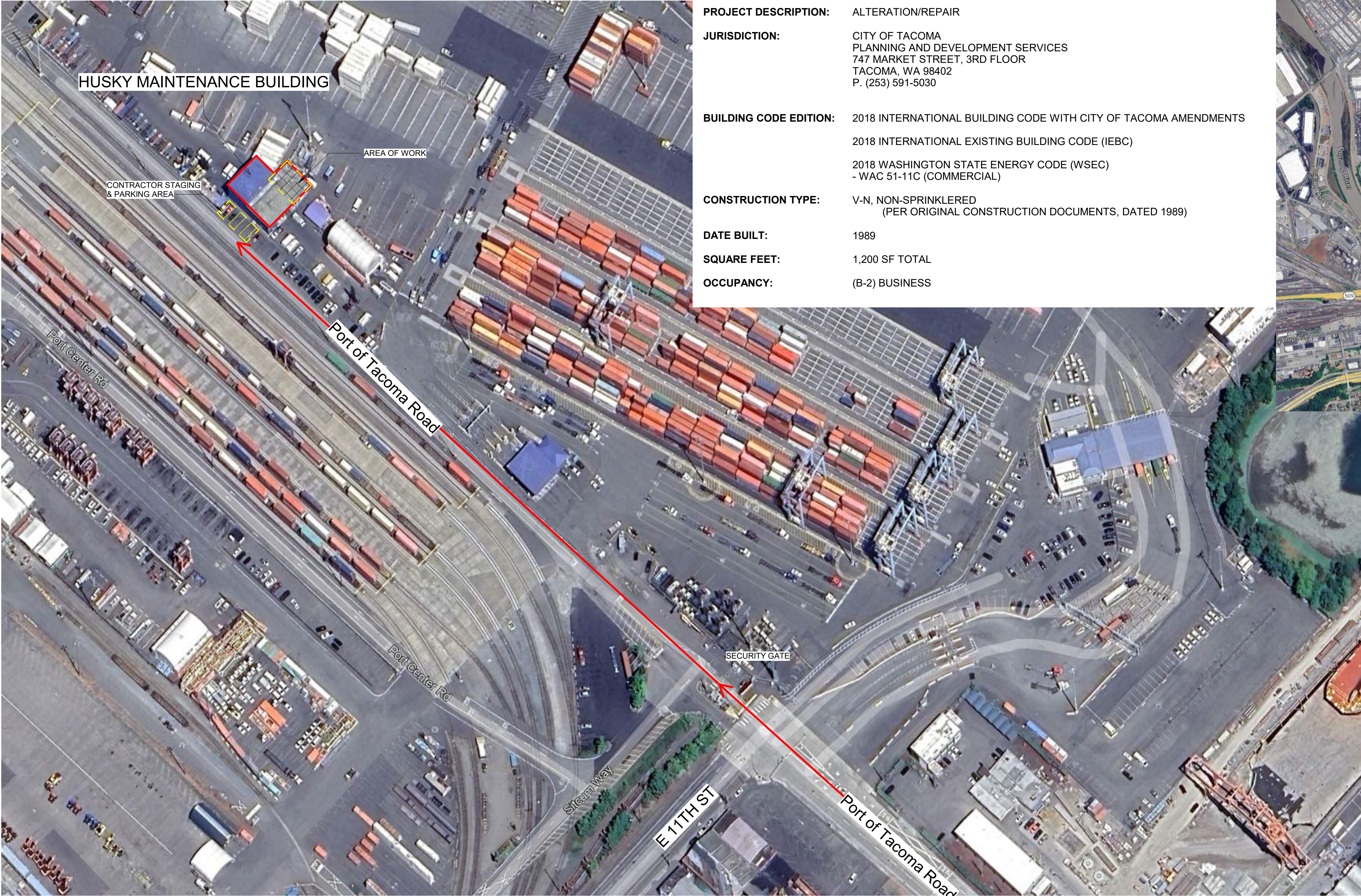


OAI ARCHITECTURE
+ PLANNING
1011 SW KICKITAT WAY, STE. 208
SEATTLE, WA 98134 | (206) 651-8442

MARK: REVISION: BY: DATE:

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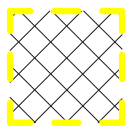
CODE SUMMARY:

PROJECT NAME:	HUSKY MAINTENANCE TOWER ROOF LEAK
PROJECT ADDRESS:	931 PORT OF TACOMA RD TACOMA, WA 98421
PARCEL NUMBER:	2275200610
LEGAL DESCRIPTION:	SECTION 27 TOWNSHIP 21 RANGE 03 QUARTER 34 ASHTONS RPT BLKS 13-48 TAC TDLDS 126.150 AC B 15 & 1.274 AC B 15A TOG/W POR VAC E 11TH ST ABUTT PER ORD 25746 DC7/1/98JU
SCOPE OF WORK:	NEW PVC ROOF MEMBRANE OVER (E) METAL ROOF PANELS
PROJECT DESCRIPTION:	ALTERATION/REPAIR
JURISDICTION:	CITY OF TACOMA PLANNING AND DEVELOPMENT SERVICES 747 MARKET STREET, 3RD FLOOR TACOMA, WA 98402 P. (253) 591-5030
BUILDING CODE EDITION:	2018 INTERNATIONAL BUILDING CODE WITH CITY OF TACOMA AMENDMENTS 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC) 2018 WASHINGTON STATE ENERGY CODE (WSEC) - WAC 51-11C (COMMERCIAL)
CONSTRUCTION TYPE:	V-N, NON-SPRINKLERED (PER ORIGINAL CONSTRUCTION DOCUMENTS, DATED 1989)
DATE BUILT:	1989
SQUARE FEET:	1,200 SF TOTAL
OCCUPANCY:	(B-2) BUSINESS



NOTE: TWIC REQUIRED BEYOND SECURITY GATE

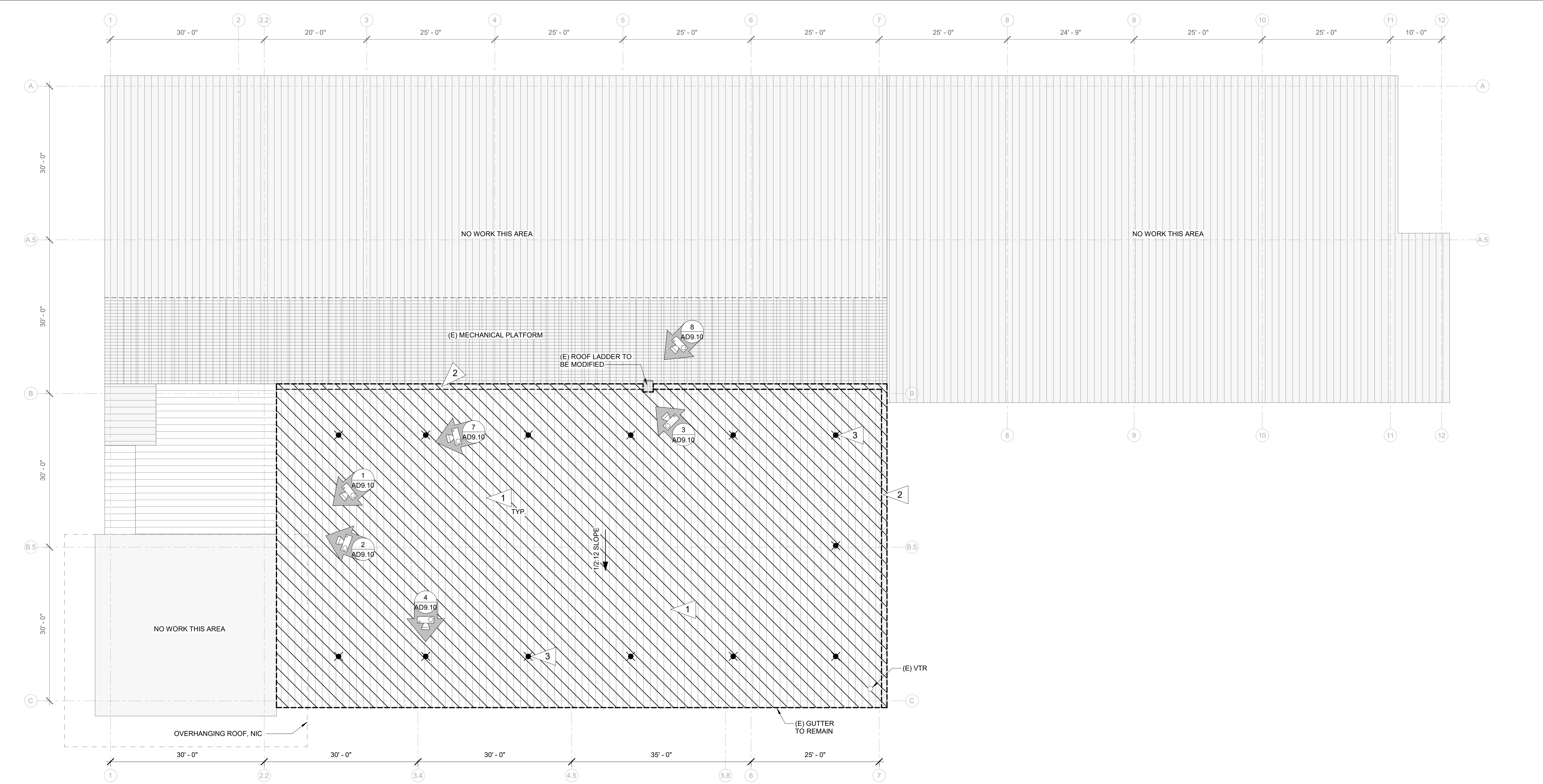
LEGEND

-  AREA OF WORK
-  STAGING AREA, COORDINATE WITH OWNER

CONTACT INFORMATION:

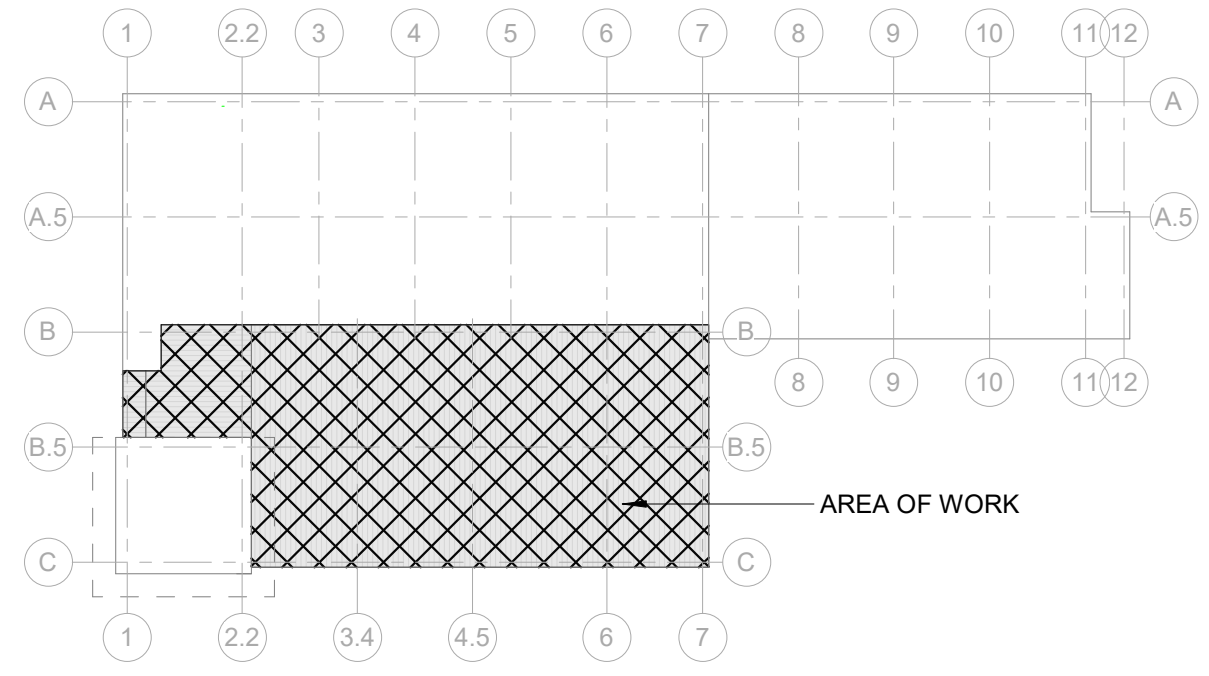
OWNER:	PORT OF TACOMA ONE SITCUM PLAZA TACOMA, WA 98421 MARCUS VAN VALLEN P. (253) 906-9407 E. mvanvalen@portoftacoma.com
ARCHITECT:	OAI, PS 1011 SW KICKITAT WAY, SUITE 208 SEATTLE, WA 98134 JERRY OSBORN AIA, NCARB, LEED AP

6694										PCT STRAD BAY ROOF & HUSKY MAINTENANCE TOWER ROOF REPLACEMENTS										APPROVED:										—																																																																																									
G1.20										SITE, STAGING & ACCESS PLAN - HUSKY										DIRECTOR										CHECKED BY										DATE																																																																															
SHT #4 OF 16																				TOWNSHIP: 20										RANGE: 03										SECTION: 02										DATE																																																																					
CONTRACT/CONS:										M. ID:										TOWNSHIP: 20										RANGE: 03										SECTION: 02										DATE																																																																					
PHASE: BID SET																				DATE-HRZ:										VERT:										DRAWING SCALE: As indicated																																																																															



1
AD1.00
PCT STRAD BAY ROOF PLAN
1" = 10'-0"
NORTH

DEMOLIATION KEYNOTES	DRAWING LEGEND
1 DEMOLISH (E) ACRYLIC COATED, STANDING SEAM METAL ROOF PANELS 18" WIDE	○ (E) VENT THROUGH ROOF (VTR)
2 DEMOLISH (E) FLASHING, TRIM, AND/OR VTR BOOT FLASHING. (E) GUTTER TO REMAIN	✱ (N) FALL PROTECTION ANCHOR
3 DEMOLISH (E) FALL PROTECTION ANCHORS, 13 QTY.	



PCT KEY PLAN

6694

AD1.00

SHT # 5 OF 16

CONTRACT/CONS: 072112
M. ID: 201191.01
PHASE: BID SET

PCT STRAD BAY ROOF & HUSKY MAINTENANCE TOWER ROOF REPLACEMENTS

ROOF PLAN - PCT

TOWNSHIP: 20
DATE-HRZ: 201191.01
PARCEL: 0320024098

SECTION: 02
VERT: 03
DRAWING SCALE: As indicated

APPROVED:

CHECKED BY: DATE

DIRECTOR ENG. DATE: PROJ. ENGR DATE: C.Y.

PRINTED BY: PORT ADDRESS: 3205 PORT OF TACOMA RD TACOMA, WA 98421

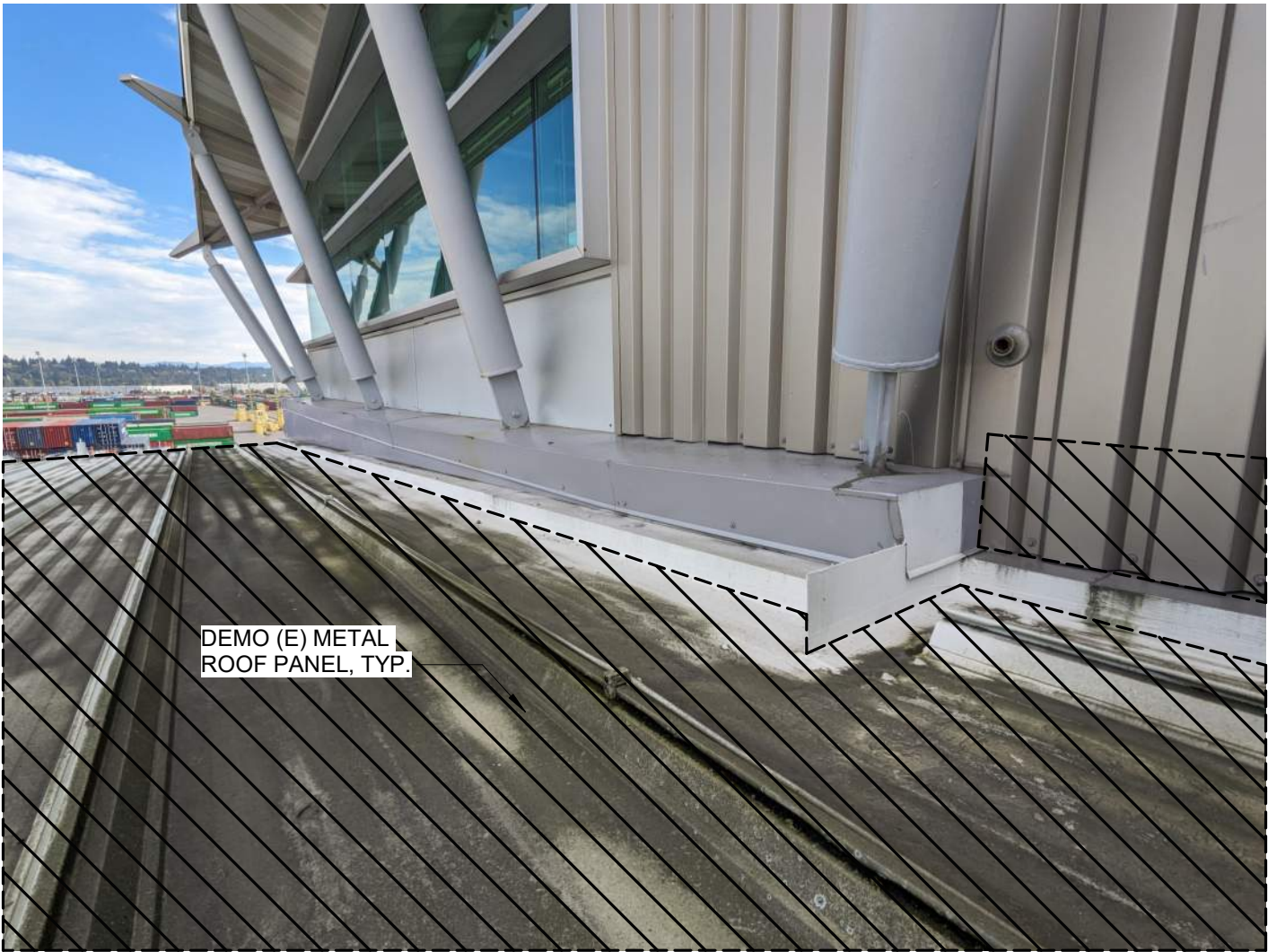
REGISTERED ARCHITECT
JERRY D. OSBORN
STATE OF WASHINGTON

ARCHITECTURE + PLANNING
1011 SW KICKTAT WAY, STE. 208
SEATTLE, WA 98134 | (206) 651-8442
P.O. BOX 1837 TACOMA, WA 98401 (253) 353-5841

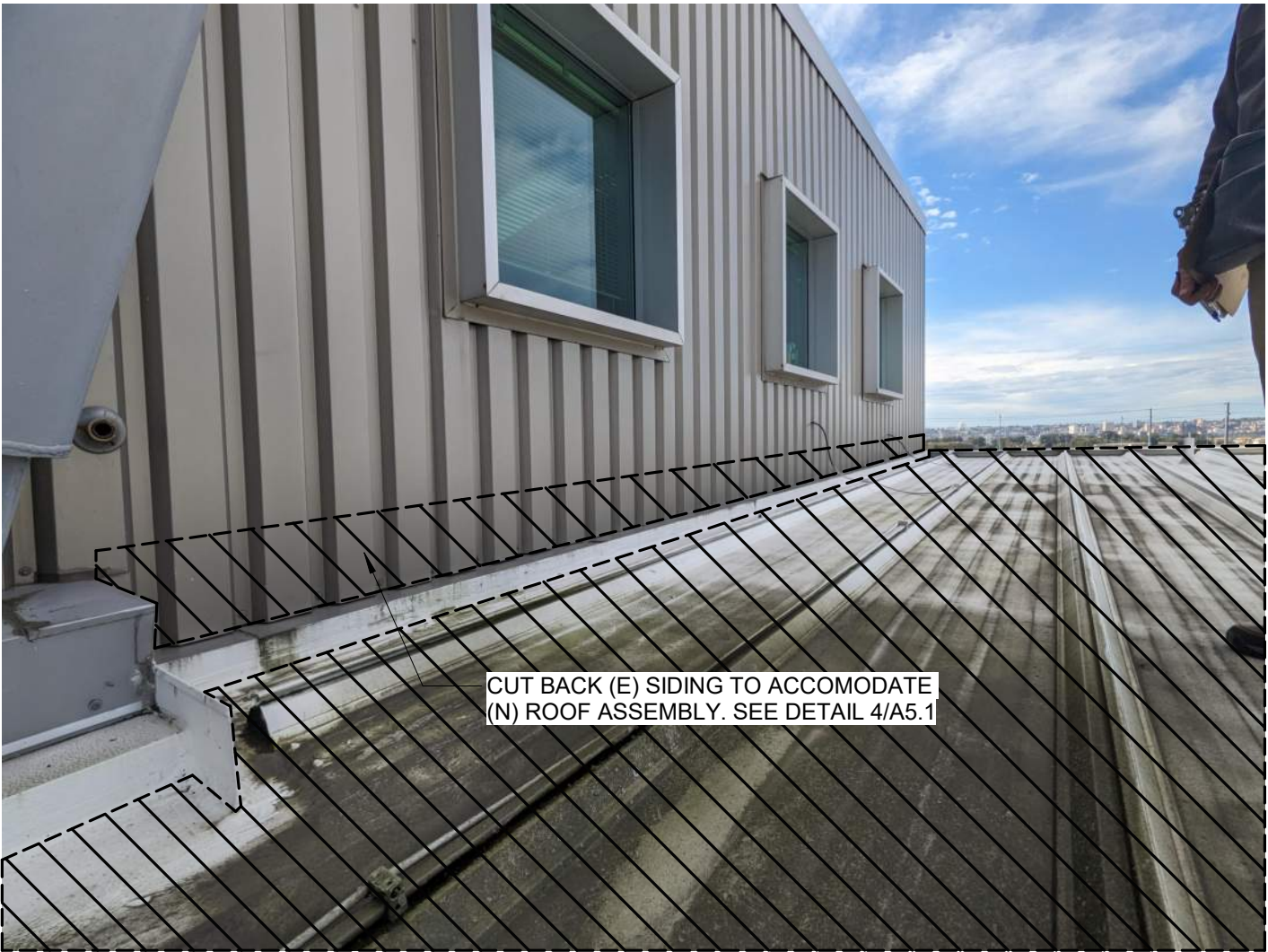
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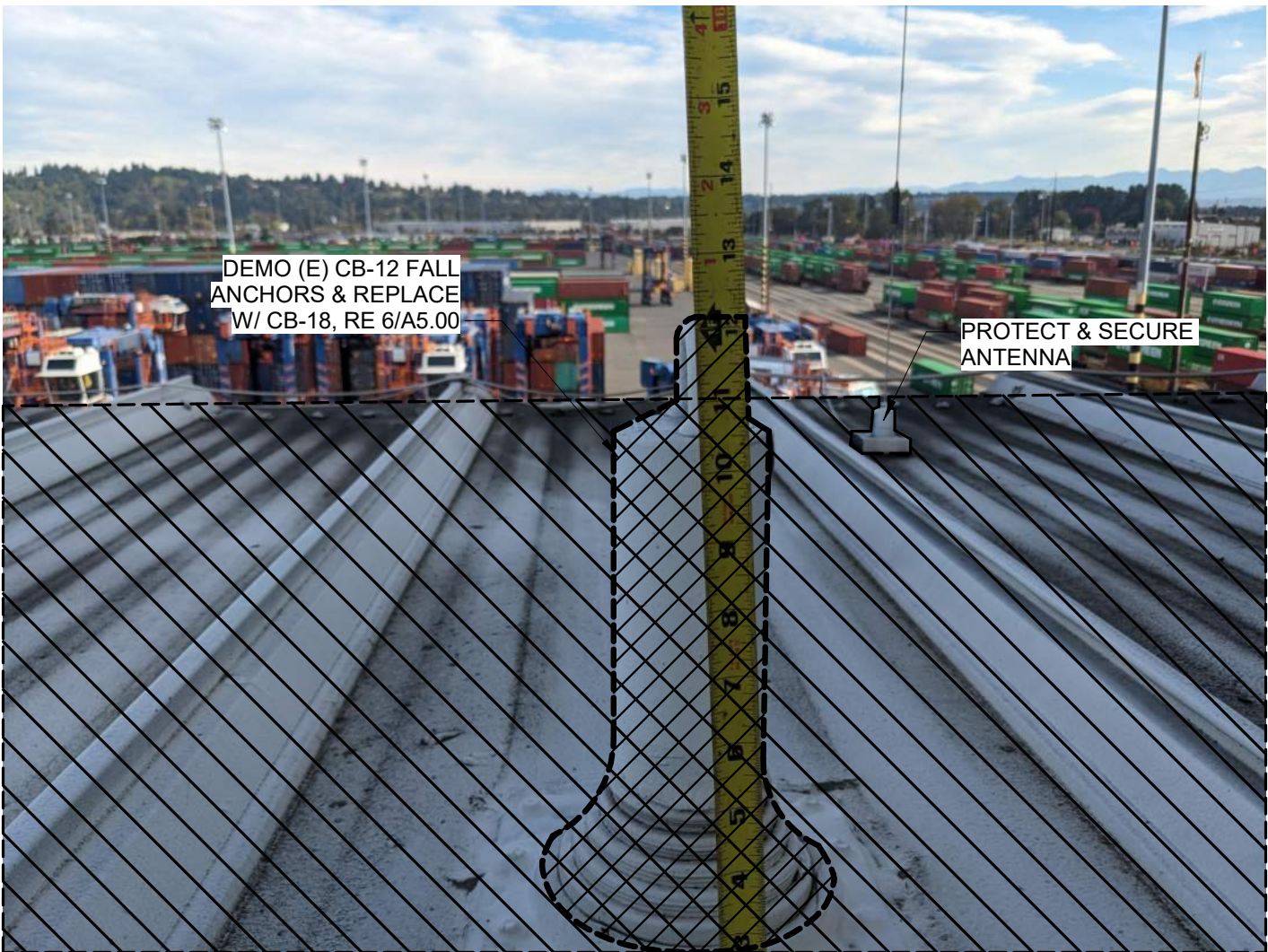
1 SOUTHEAST VIEW
AD9.10 NTS



2 SOUTHWEST VIEW
AD9.10 NTS



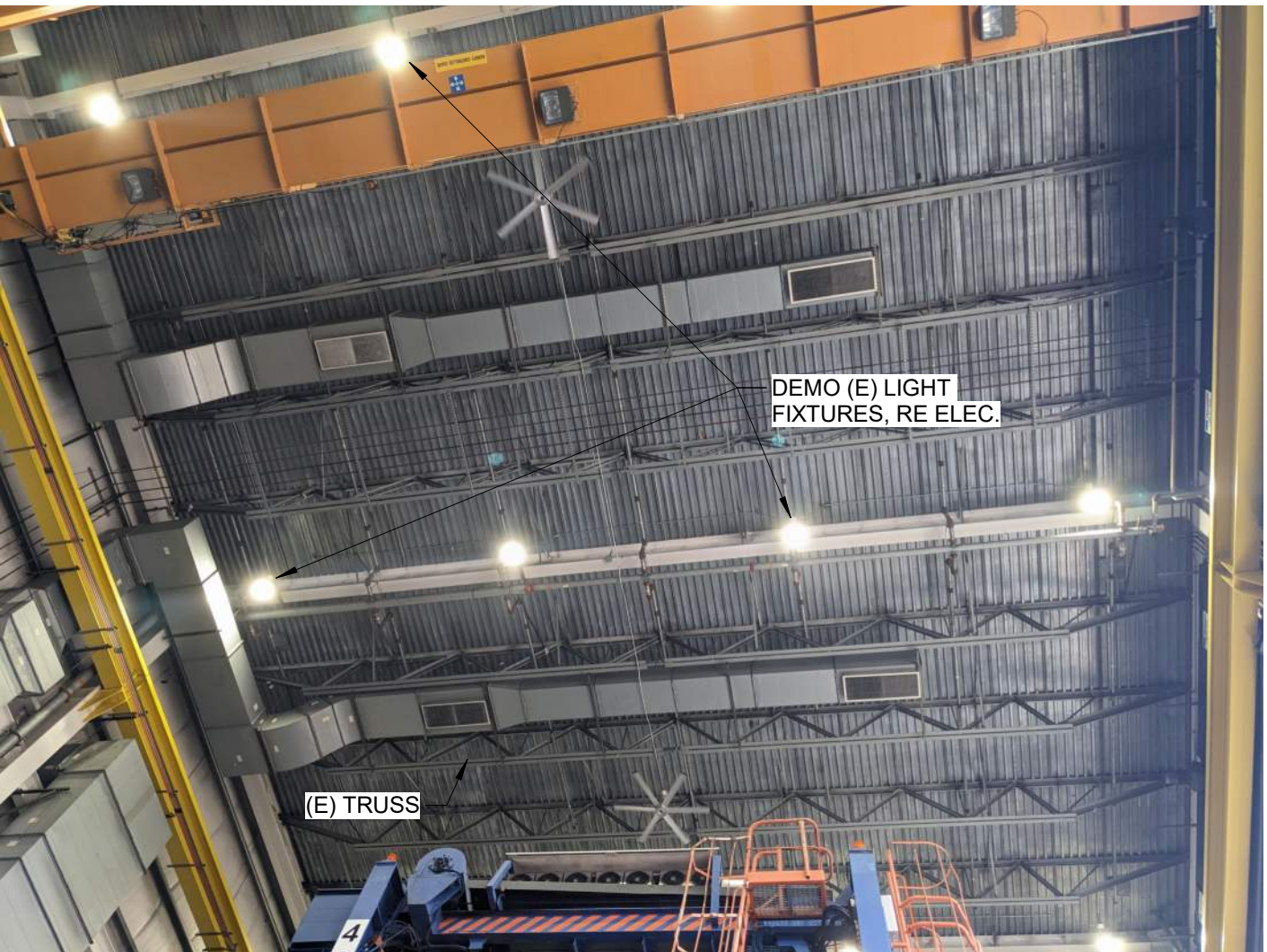
3 (E) ROOF ACCESS LADDER
AD9.10 NTS



4 (E) FALL ANCHOR
AD9.10 NTS



5 CEILING
AD9.10 NTS



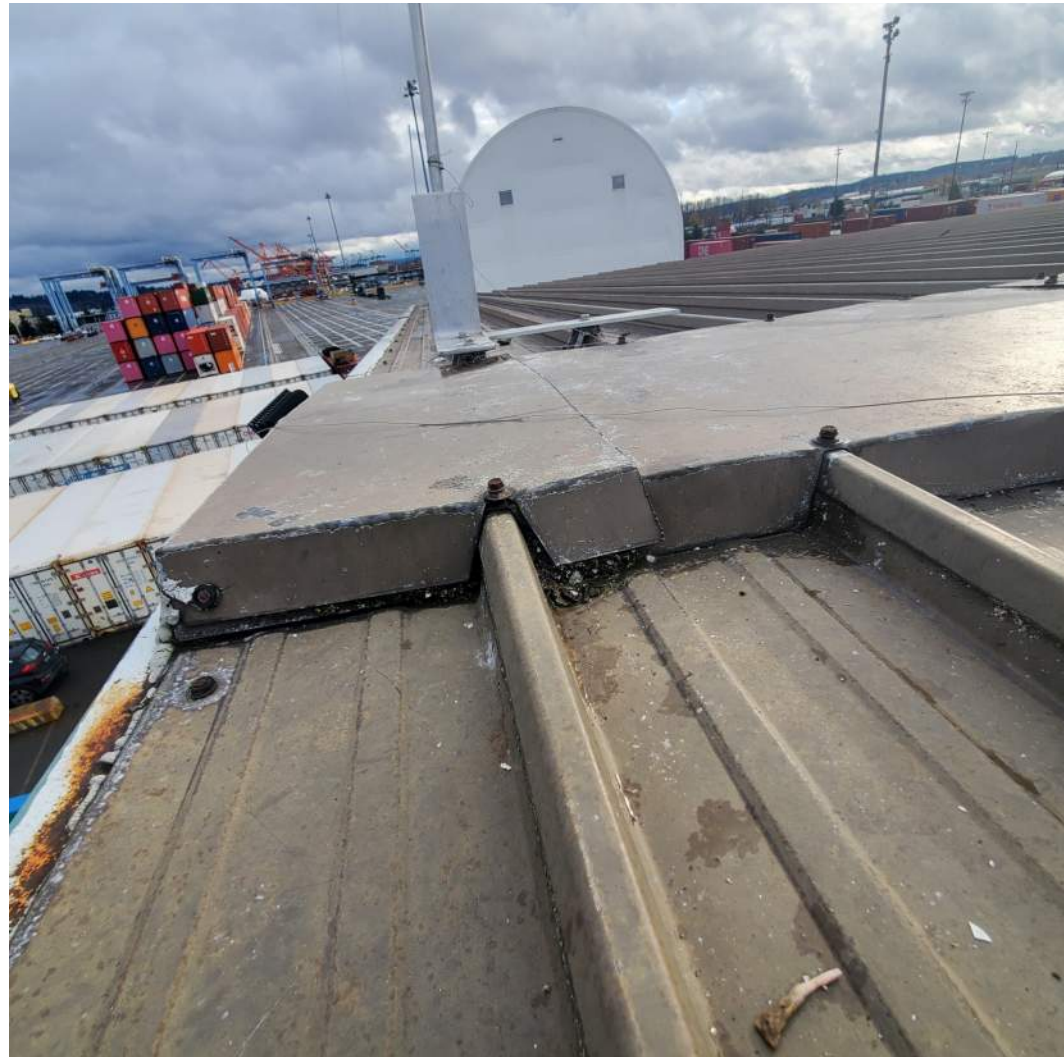
6 CEILING
AD9.10 NTS



7 UPPER ROOF AREA
AD9.10 NTS



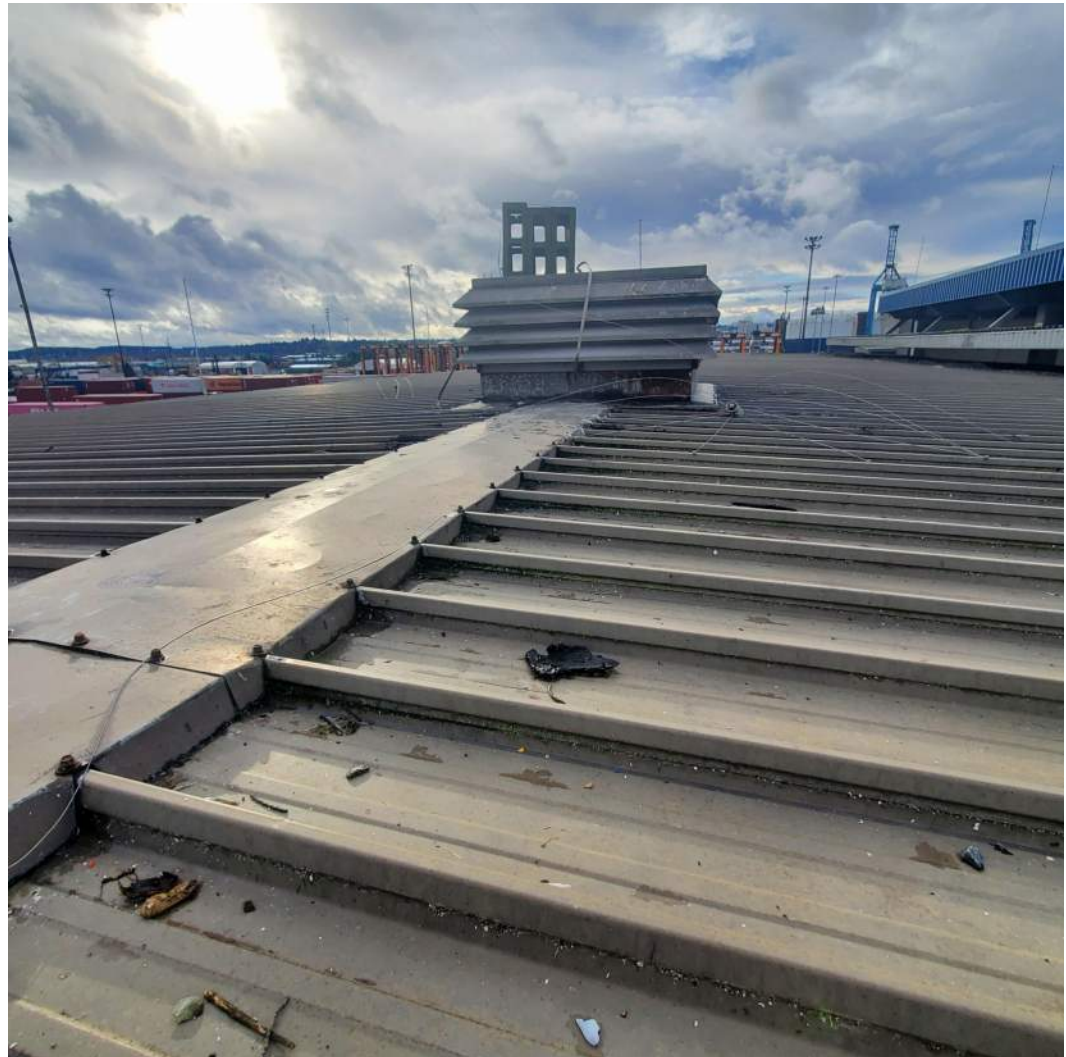
8 (E) ROOF ACCESS LADDER
AD9.10 NTS



1
AD9.20

RIDGE CAP

NTS



2
AD9.20

WEST VIEW

NTS



3
AD9.20

(E) LOUVERED DOGHOUSE

NTS



4
AD9.20

LOUVERED DOGHOUSE EAST

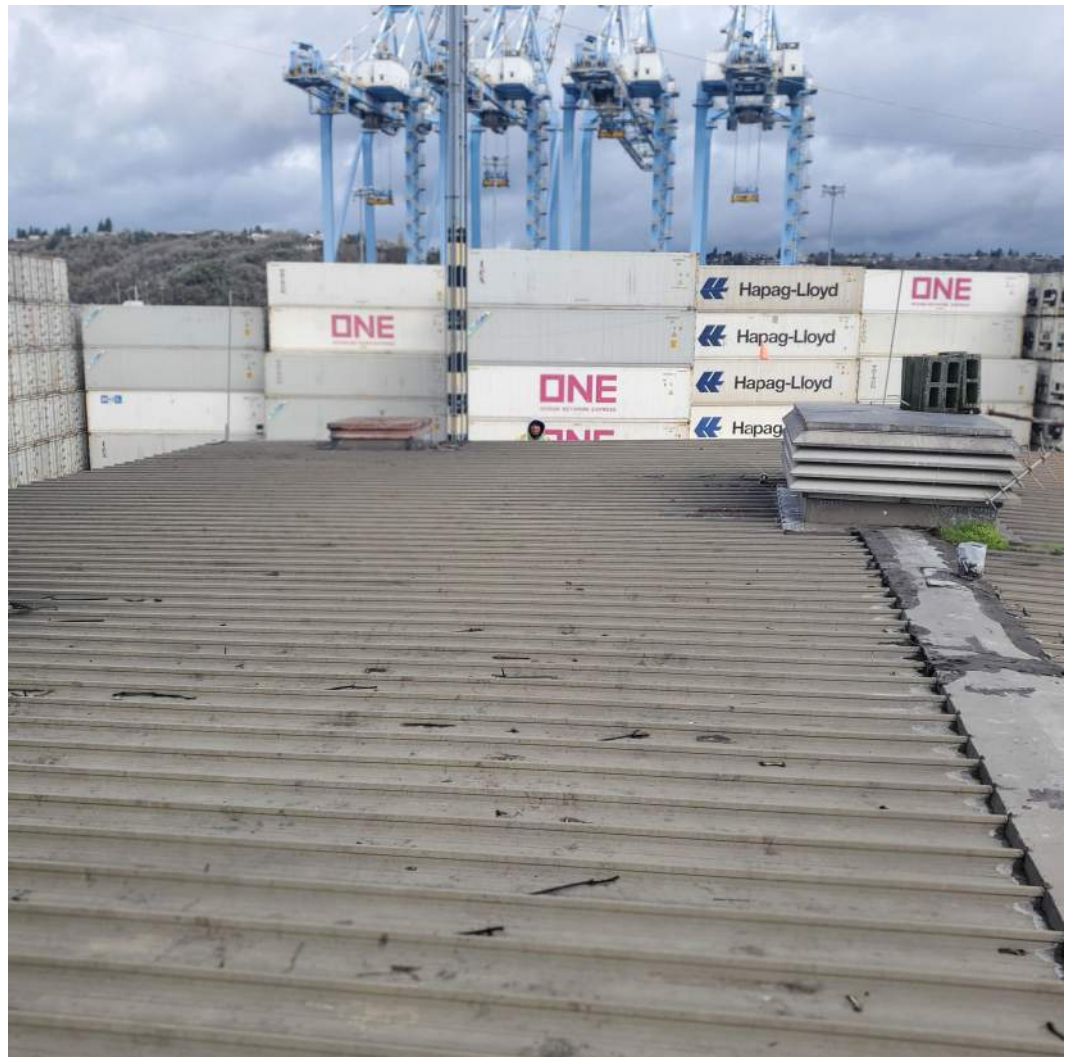
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5
AD9.20

LOUVERED DOGHOUSE WEST

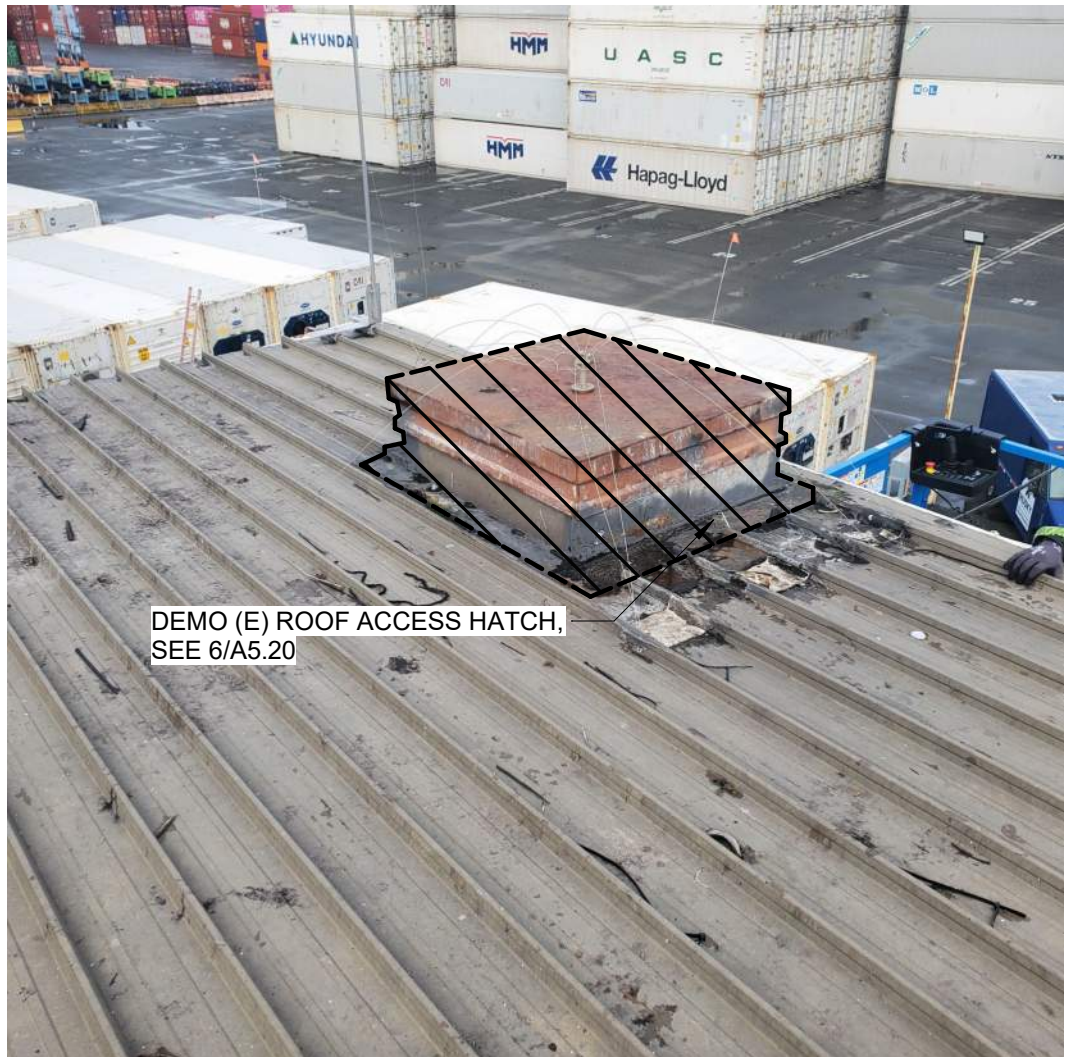
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6
AD9.20

EAST VIEW

NTS



7
AD9.20

(E) ROOF HATCH

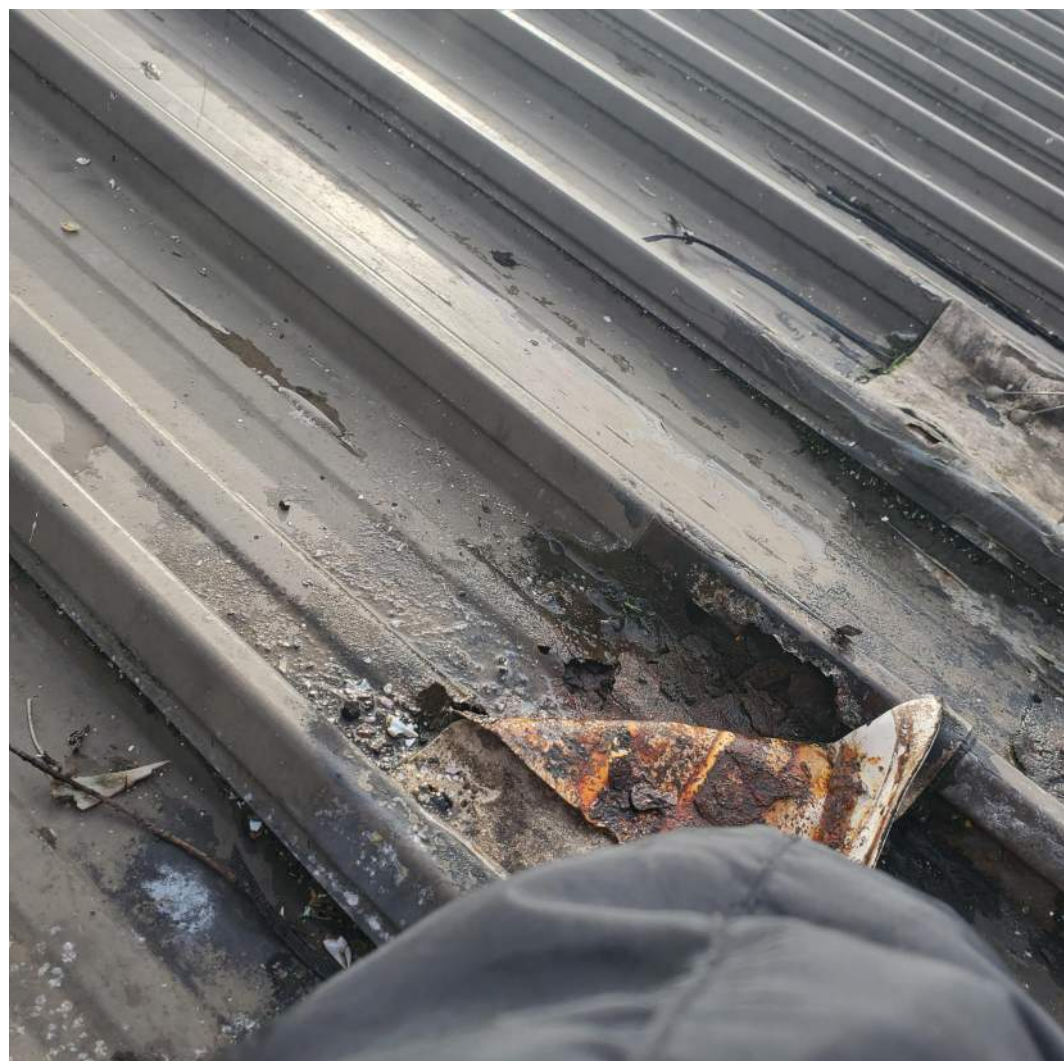
NTS



8
AD9.20

RUSTING AT ROOF HATCH

NTS



9
AD9.20

(E) ROOF PATCHING

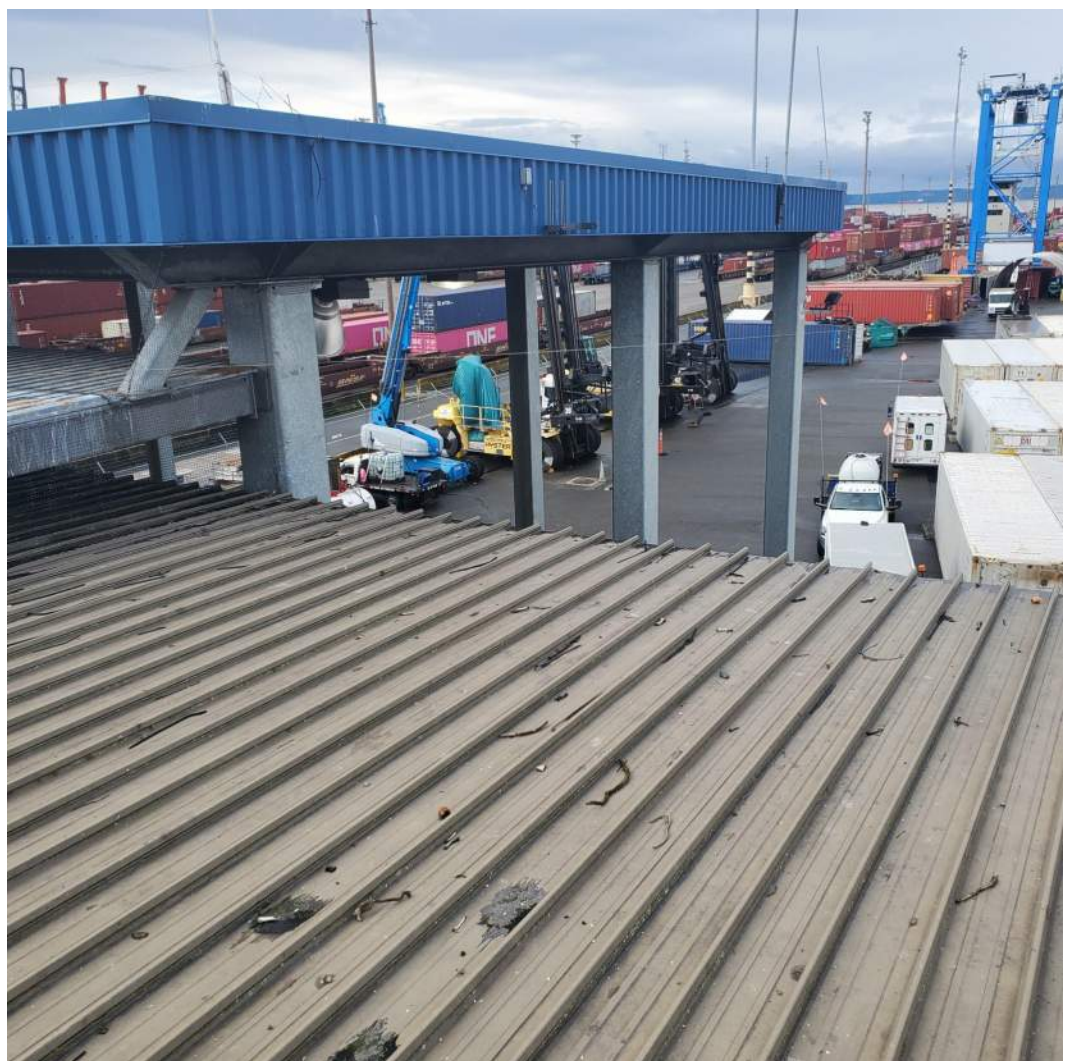
NTS



10
AD9.20

(E) ROOF HATCH

NTS



11
AD9.20

UPPER ROOF AREA

NTS

6694

AD9.20

SHT #7 OF 16

CONTRACT/CONS: 072112
M. ID: 201191.01
PHASE: BID SET

PCT STRAD BAY ROOF & HUSKY
MAINTENANCE TOWER ROOF
REPLACEMENTS
REFERENCE PHOTOS - HUSKY

TOWNSHIP: 20
DATE-HRZ: 072112
PARCEL: 0320024098

SECTION: 02
VERT: 03
DRAWING SCALE: 12" = 1'-0"

APPROVED:

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DIRECTOR ENG. DATE: PROJ. ENGR DATE:

PRINTED BY: C.Y.

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STATE OF WASHINGTON
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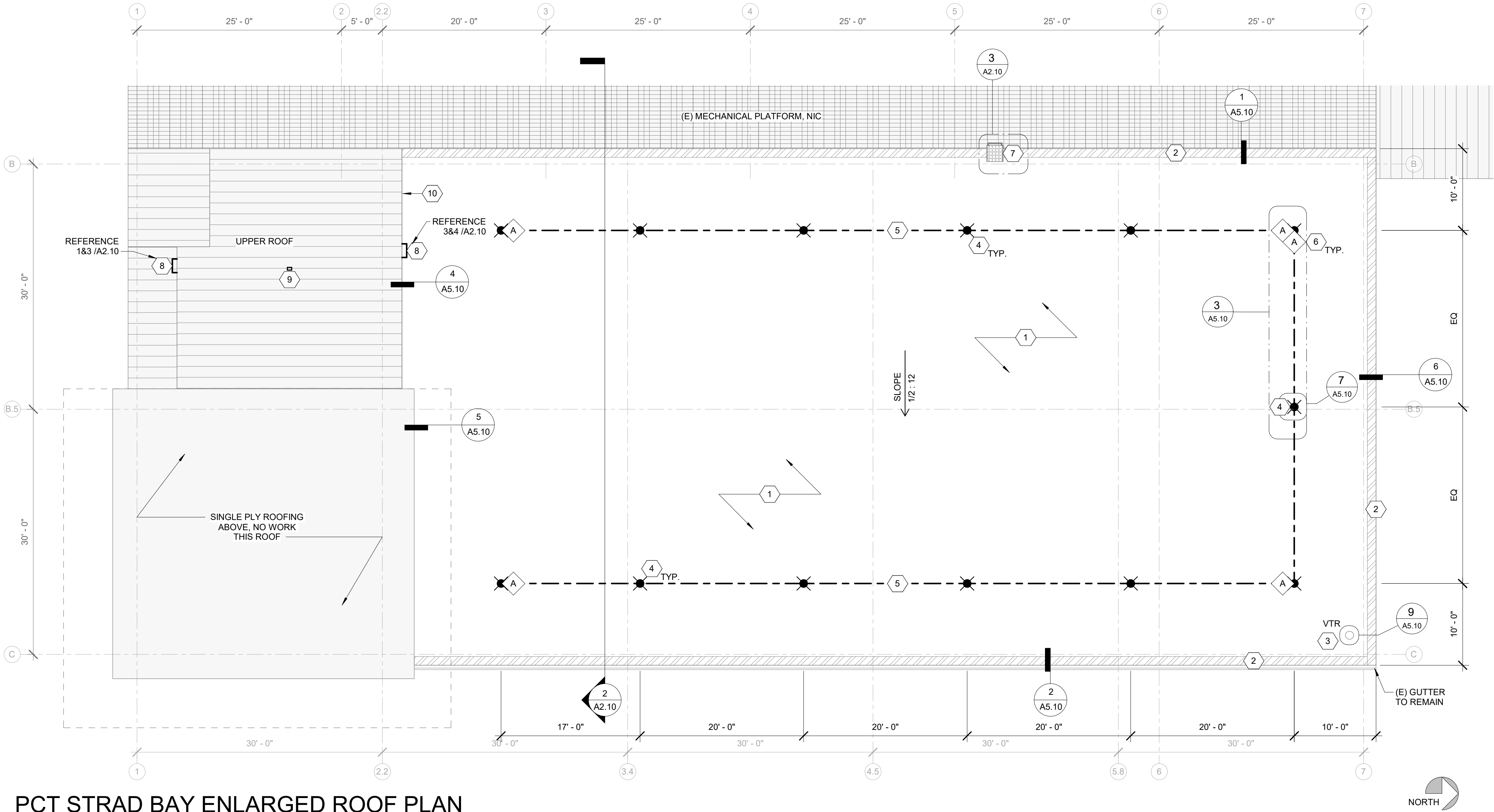
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BY: _____
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IAI ARCHITECTURE + PLANNING

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1
A1.10
1/8" = 1'-0"

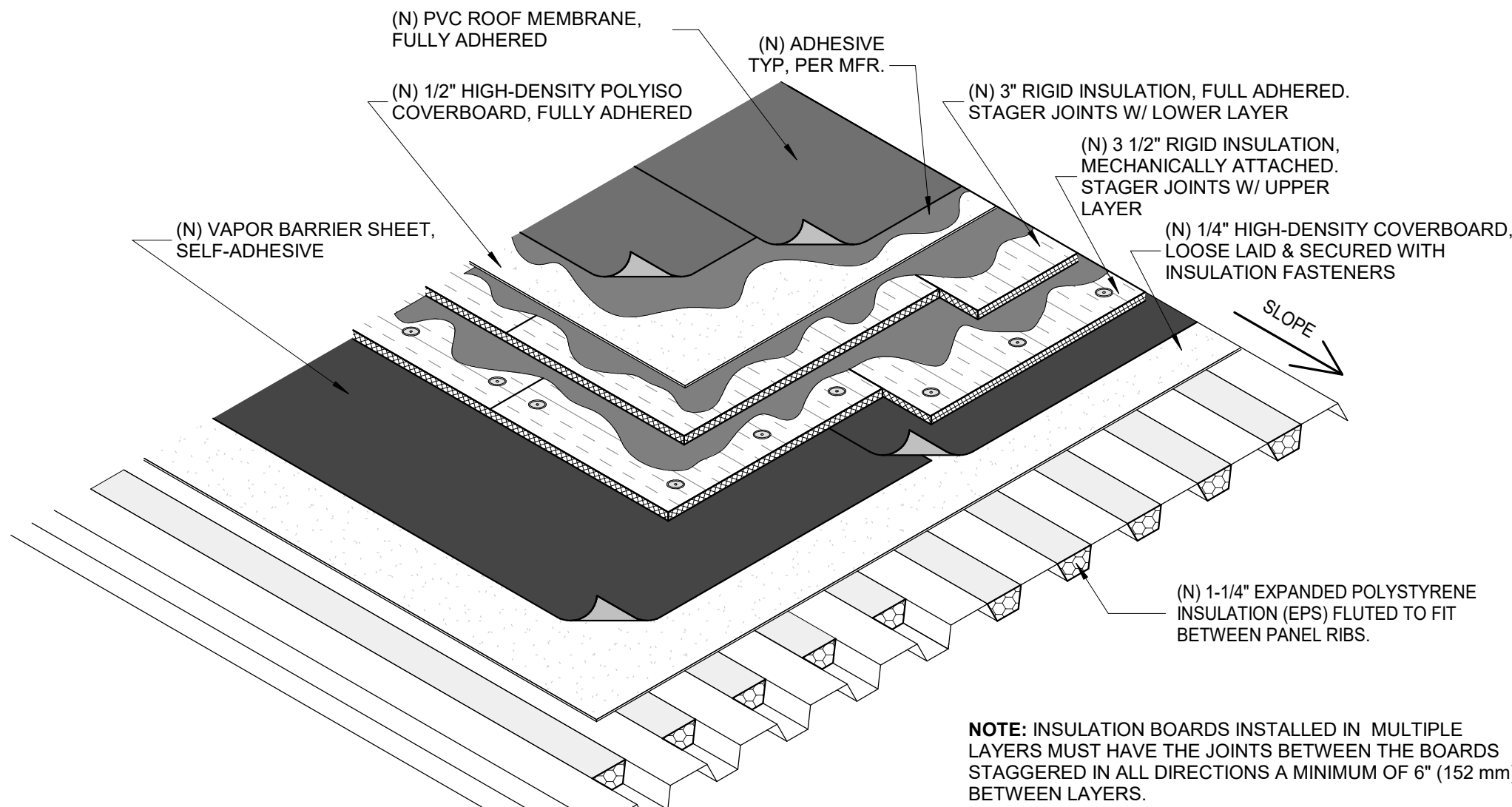
PCT STRAD BAY ENLARGED ROOF PLAN

ROOF REPLACEMENT KEYNOTES

- | | |
|--|---|
| 1 INSTALL (N) PVC ROOF ASSEMBLY, PER DETAIL 2/A1.10 | 6 (N) IMPACT ABSORBER AT LIFELINE CONNECTION PER 11 01 00 |
| 2 (N) 22GA PREFINISHED METAL ROOF FLASHING, SEE DETAILS | 7 CUT & EXTEND (E) ROOF ACCESS LADDER, PER 10/A5.10 |
| 3 (N) BOOT FLASHING AT EXISTING VENT THRU ROOF (VTR), PER 9/A5.10. | 8 PROVIDE (N) ROOF ACCESS LADDER FOR UPPER ROOF |
| 4 INSTALL (N) CB-18 FALL PROTECTION ANCHORS, PER 7/A5.10 | 9 2-WAY STANDING SEAM ROOF CLAMP |
| 5 (N) STAINLESS STEEL HORIZONTAL CABLE LIFELINE PER 11 01 00 | 10 FURNISH & INSTALL "ROOF INSTALLATION INFORMATION PLAQUE" @ LOCATION DETERMINED BY THE ARCHITECT. |

DRAWING LEGEND

- | | |
|--|---|
| | (E) VENT THROUGH ROOF (VTR) PER NOTE 3 |
| | (N) FALL PROTECTION ANCHOR PER KEYNOTE 4 |
| | (N) HORIZONTAL LIFELINE CABLE PER KEYNOTE 5 |
| | (N) LIFELINE IMPACT ABSORBER PER KEYNOTE 6 |

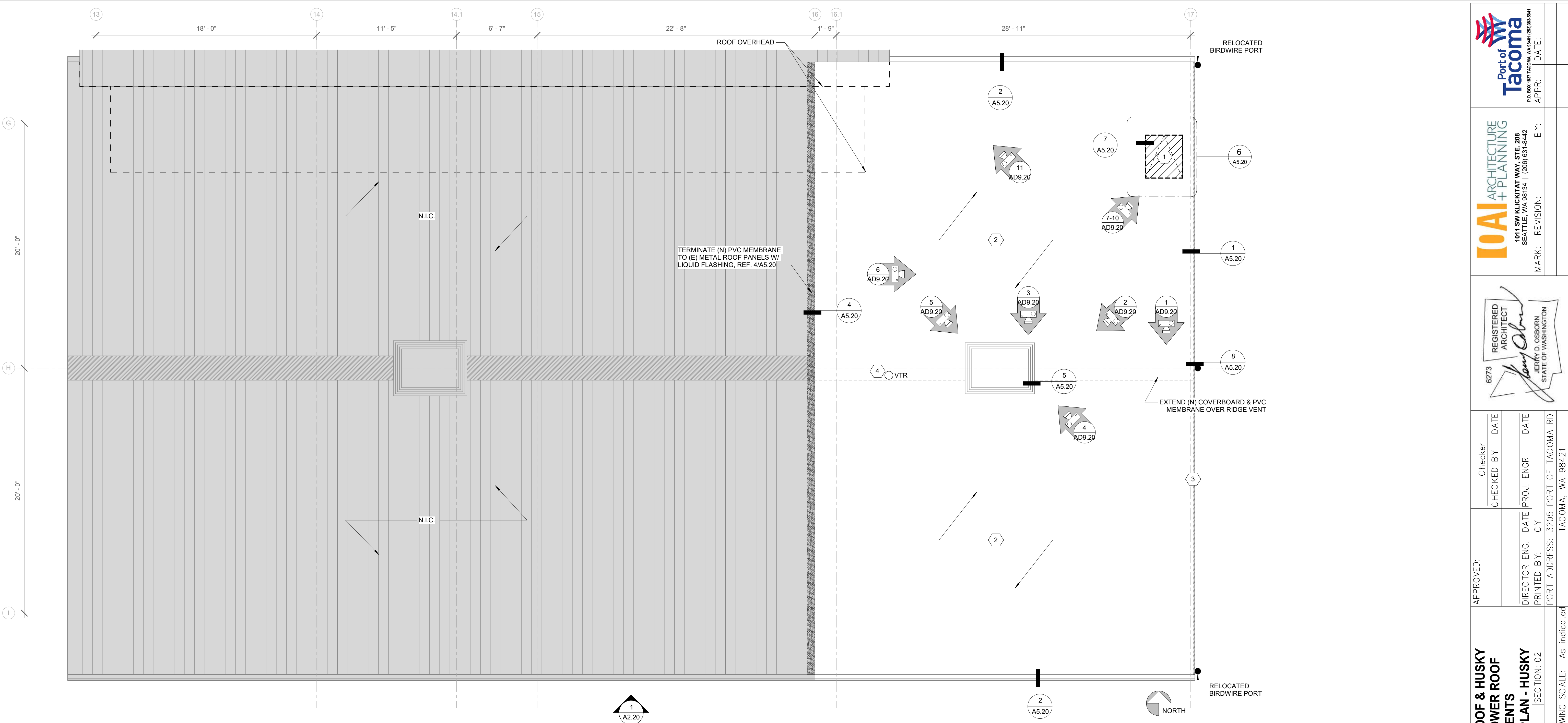


NOTE: INSULATION BOARDS INSTALLED IN MULTIPLE LAYERS MUST HAVE THE JOINTS BETWEEN THE BOARDS STAGGERED IN ALL DIRECTIONS A MINIMUM OF 6" (152 mm) BETWEEN LAYERS.

2
A1.10
3/4" = 1'-0"

(N) ROOF ASSEMBLY - PCT

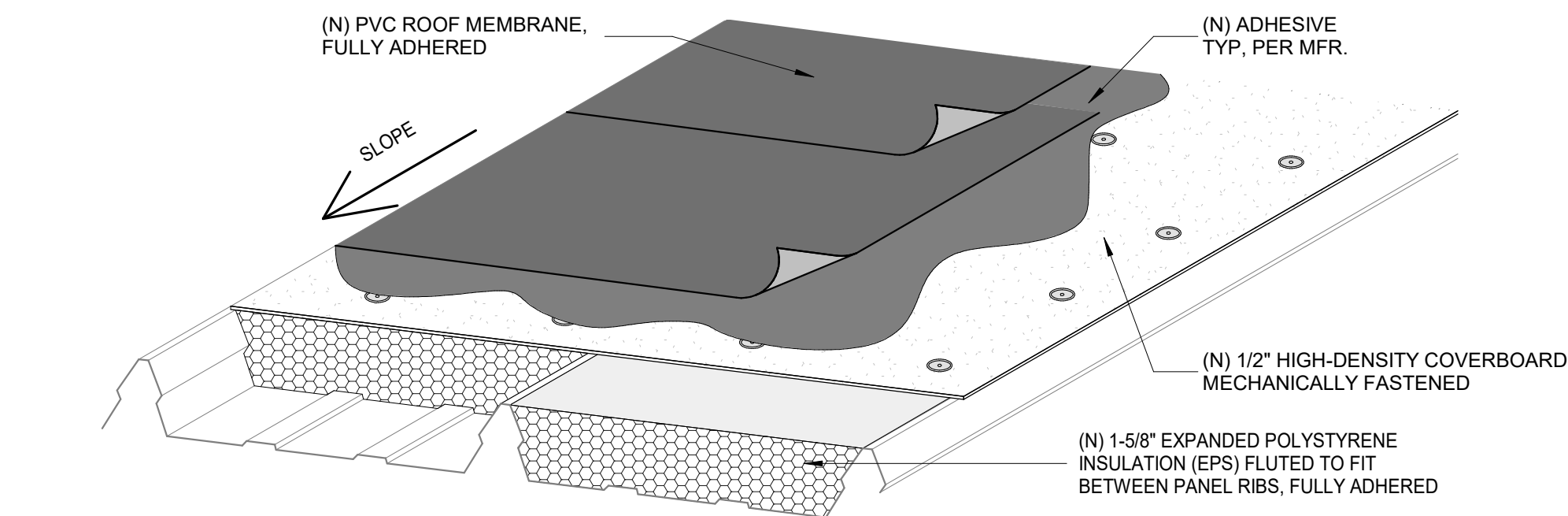
6694 A1.10 SHT # 8 OF 16	PCT STRAD BAY ROOF & HUSKY MAINTENANCE TOWER ROOF REPLACEMENTS ENLARGED ROOF PLAN - PCT		Port of Tacoma P.O. BOX 1837 TACOMA, WA 98401 (253) 353-5841	
	CONT/CONS: 072112	TOWNSHIP: 20	DAT-HRZ: 201191.01	PARCEL: 0320024098
M. ID: 201191.01	DATE: 07/21/12	TIME: 10:00	SCALE: As indicated	DATE: 07/21/12
PHASE: BID SET	PROJECT: 3205	LOCATION: PORT OF TACOMA RD	DATE: 07/21/12	DATE: 07/21/12
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DIRECTOR: [Signature]		DATE: [Signature]	DATE: [Signature]	DATE: [Signature]
PRINTED BY: [Signature]		DATE: [Signature]	DATE: [Signature]	DATE: [Signature]
PORT ADDRESS: 3205		PORT ADDRESS: 3205	PORT ADDRESS: 3205	PORT ADDRESS: 3205
TACOMA, WA 98421		TACOMA, WA 98421	TACOMA, WA 98421	TACOMA, WA 98421
DRAWING SCALE: As indicated		DRAWING SCALE: As indicated	DRAWING SCALE: As indicated	DRAWING SCALE: As indicated
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1
A1.20
1/4" = 1'-0"

HUSKY ENLARGED ROOF PLAN

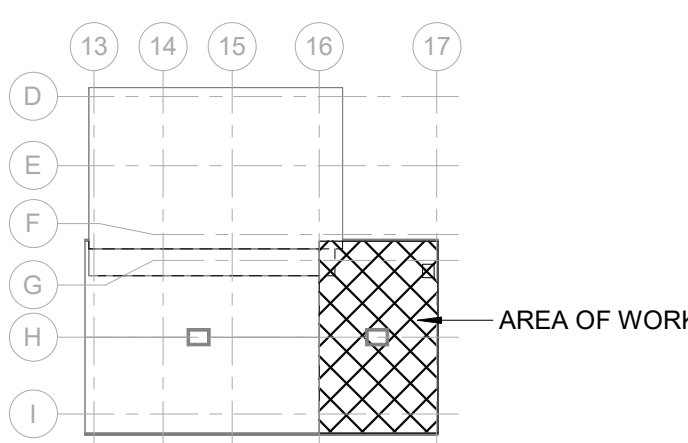
ROOF REPLACEMENT KEYNOTES	DRAWING LEGEND
1 DEMOLISH (E) ROOF ACCESS HATCH AND INFILL DECK, PER 6/A5.20	○ (E) VENT THROUGH ROOF (VTR) PER KEYNOTE 4
2 INSTALL (N) PVC ROOF ASSEMBLY, PER DETAIL 2/A1.20	● (E) BIRDWIRE POST PER DETAIL 8/A5.20
3 (N) 22GA PREFINISHED METAL ROOF FLASHING, SEE DETAILS	□ (E) LOUVERED DOGHOUSE
4 (N) BOOT FLASHING AT EXISTING VENT THRU ROOF (VTR), SEE DETAIL 3/A5.20	



2
A1.20
NTS

(N) ROOF ASSEMBLY - HUSKY

GENERAL NOTE: THOROUGHLY CLEAN AND PREPARE ALL EXISTING METAL SURFACE TO BE ADHERED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, TYP.



HUSKY KEY PLAN

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A1.20

SHT # 9 OF 16

CONTRACT/CONS: 072112

M. ID: 201191.01

PHASE: BID SET

TOWNSHIP: 20

RANGE: 03

DAT-HRZ: VERT:

PARCEL: 0320024098

DRAWING SCALE: As indicated

PCT STRAD BAY ROOF & HUSKY MAINTENANCE TOWER ROOF REPLACEMENTS

ENLARGED ROOF PLAN - HUSKY

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1
A1.30

REFLECTED CEILING PLAN

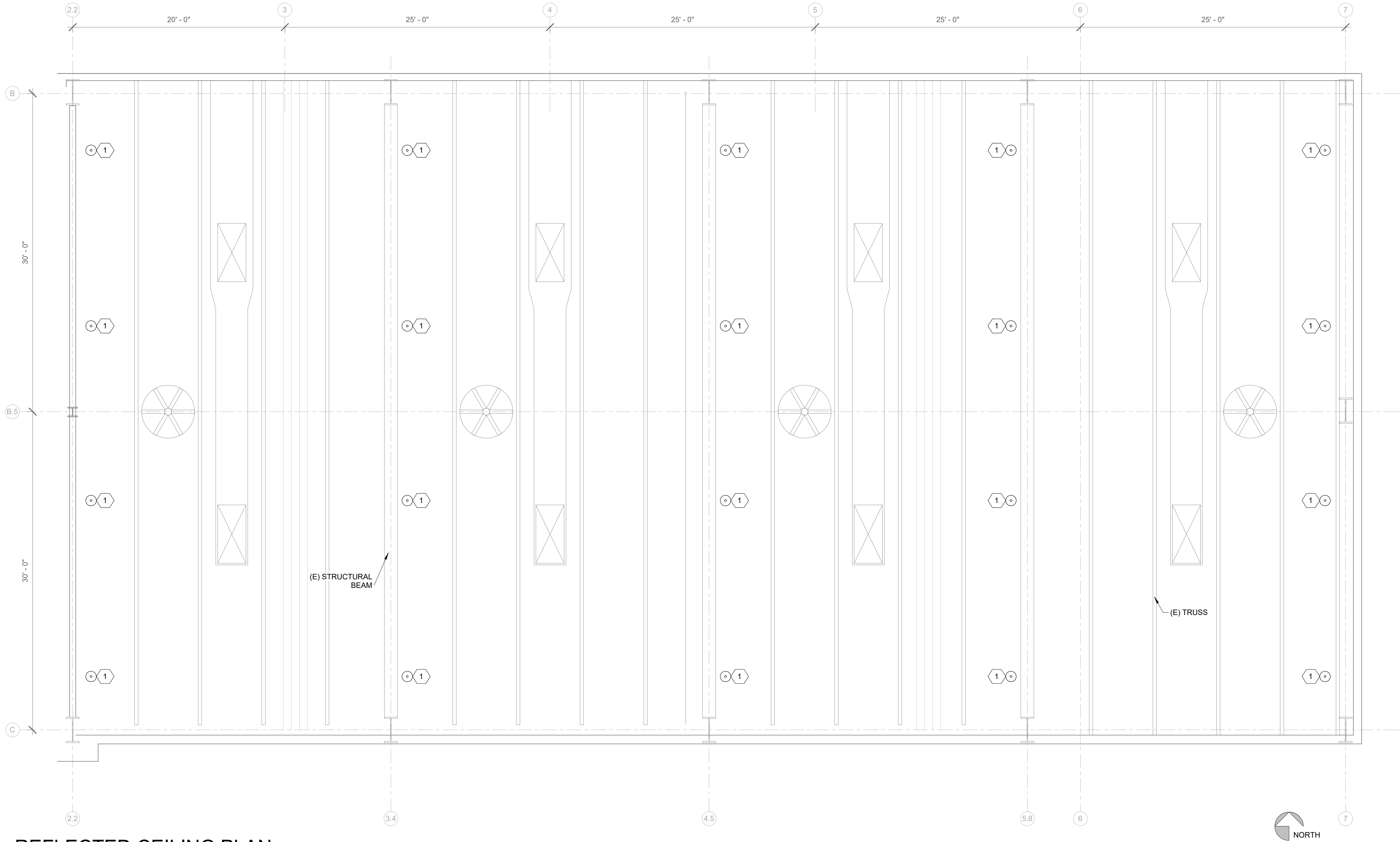
3/16" = 1'-0"

RCP KEYNOTES

1 DEMOLISH EXISTING PENDANT LIGHTS AND REPLACE WITH NEW LED LIGHTS, REF. E1.00

DRAWING LEGEND

- (N) PENDANT LIGHT
- (E) HVAC DUCT WORK
- (E) CEILING FAN
- (E) LUBRICANT/UTILITY LINES



6694

A1.30

SHT # 10 OF 16

CONT/CONS: 072112

M. ID: 201191.01

PHASE: BID SET

PCT STRAD BAY ROOF & HUSKY
MAINTENANCE TOWER ROOF
REPLACEMENTS

REFLECTED CEILING PLAN - PCT

TOWNSHIP: 20 RANGE: 03 SEC TION: 02

DAT-HRZ: VERT: 0320024098

DRAWING SCALE: 3/16" = 1'-0"

APPROVED:

CHECKED BY

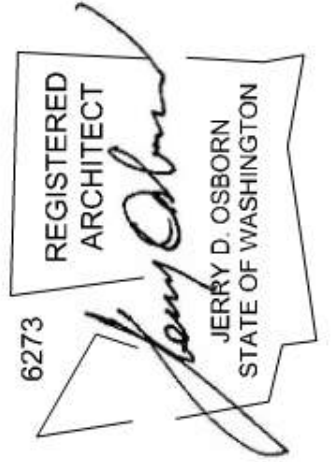
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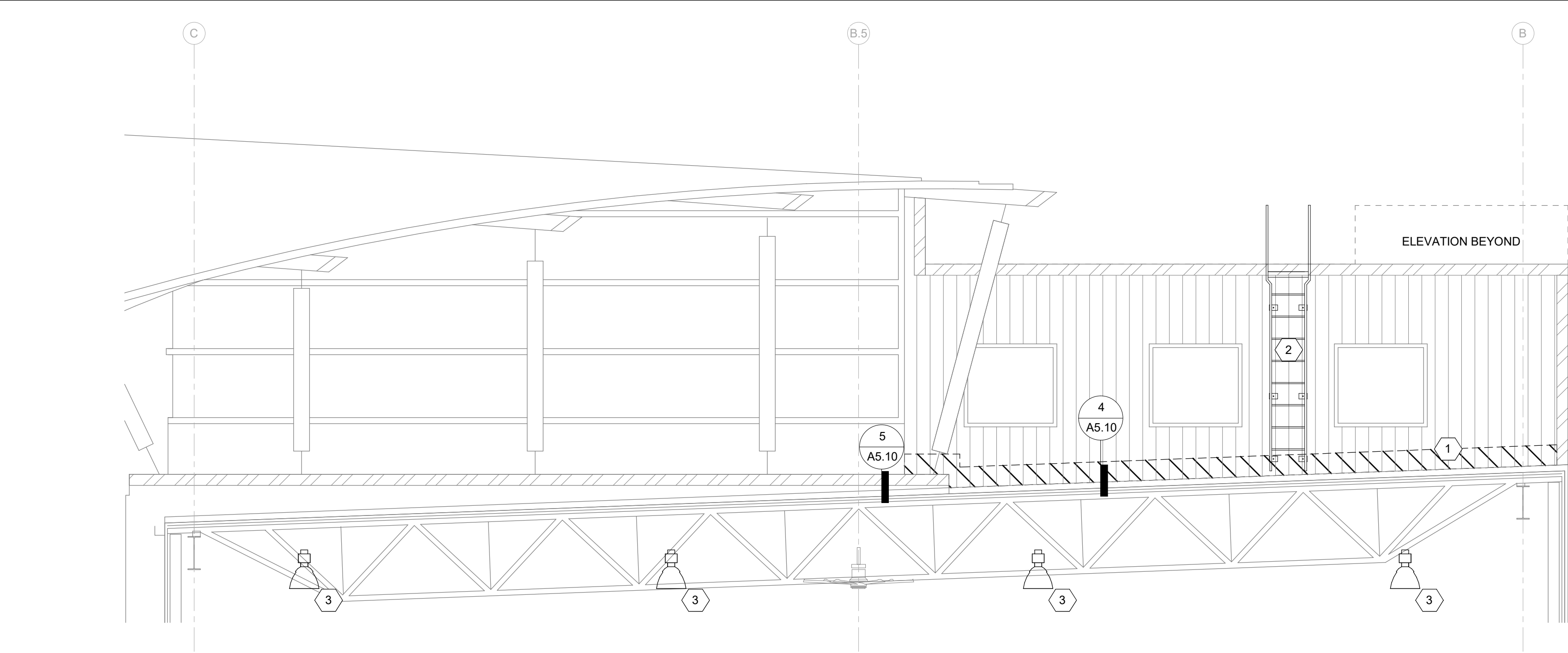
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APPR: DATE:

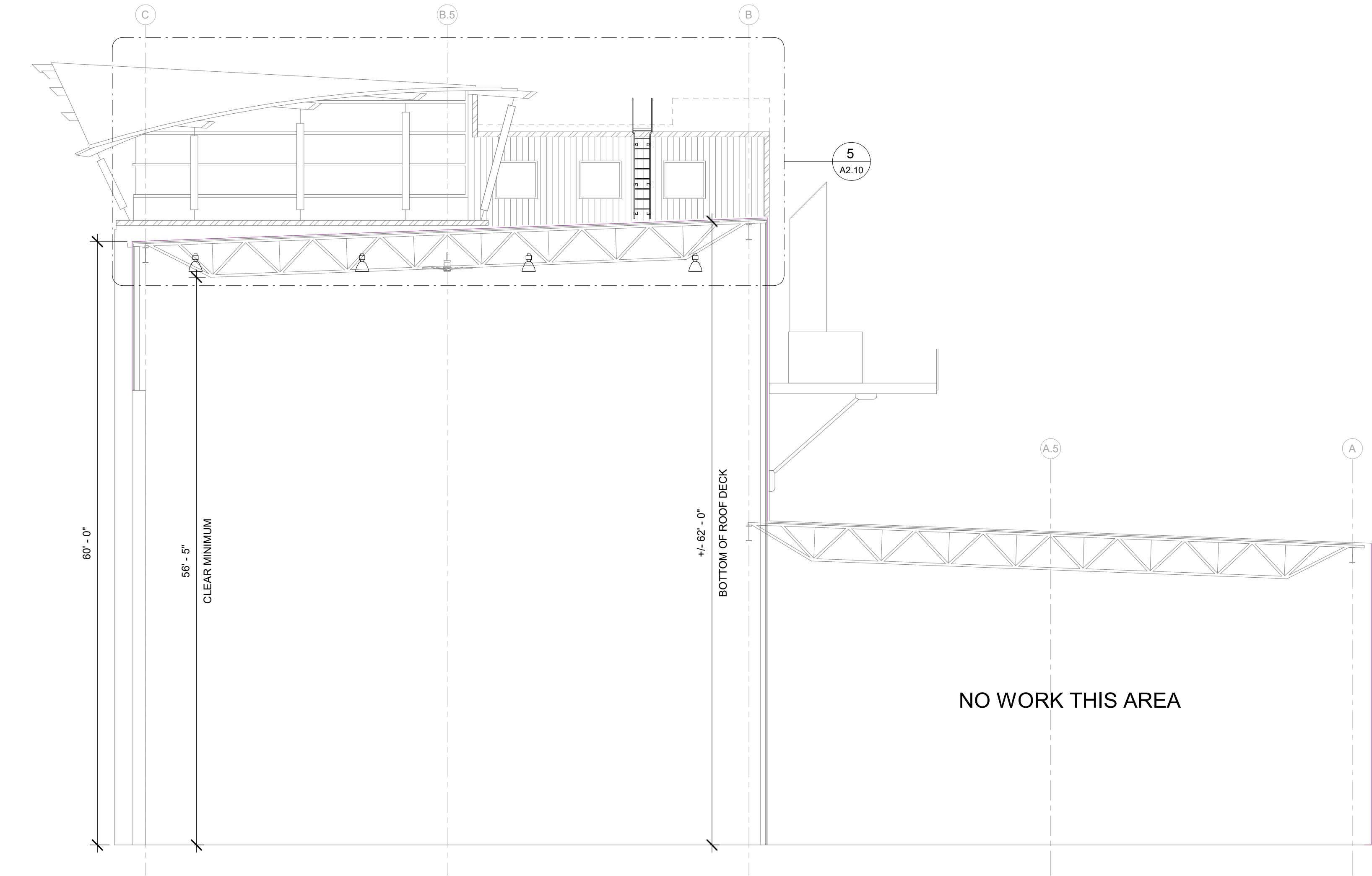
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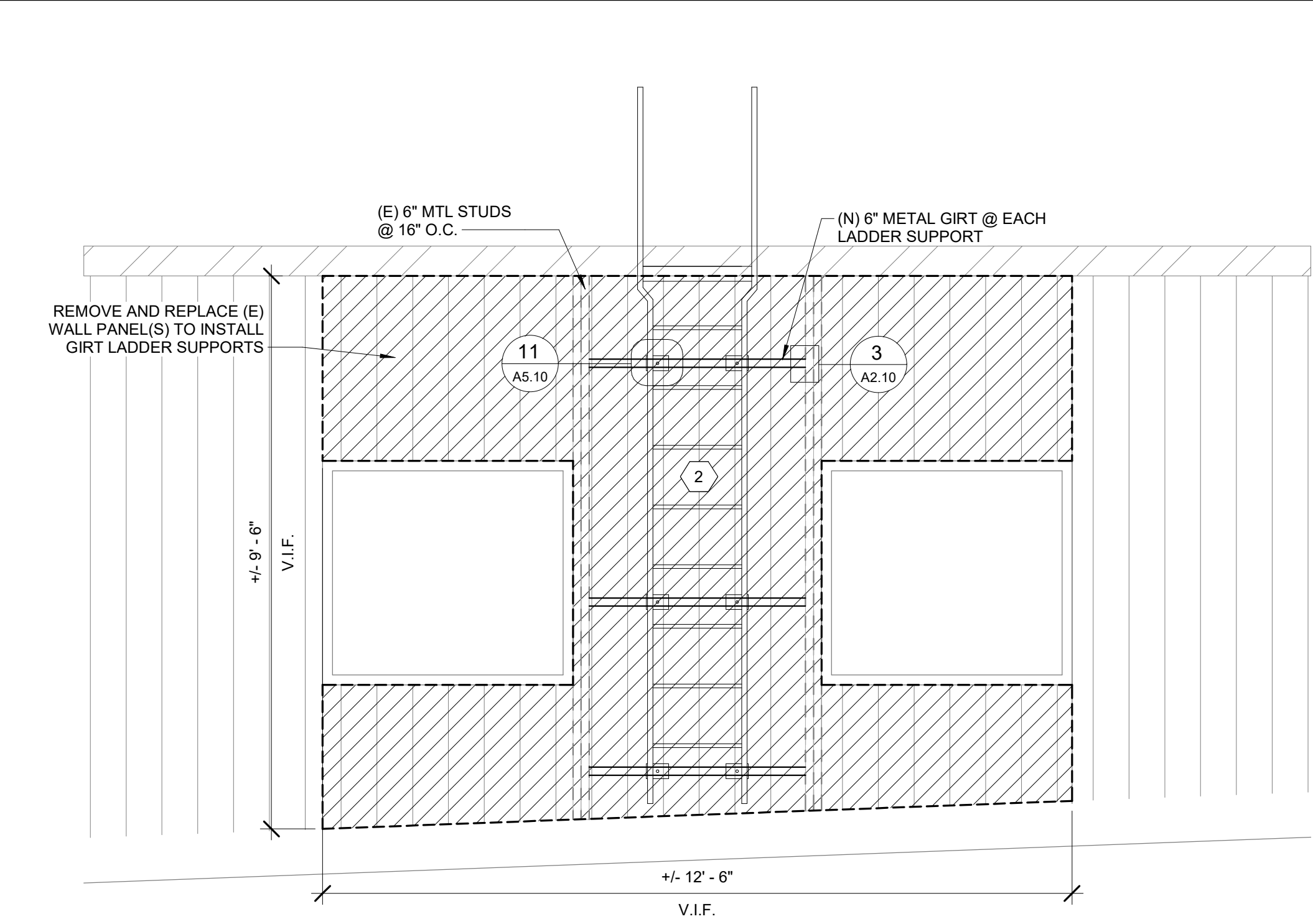
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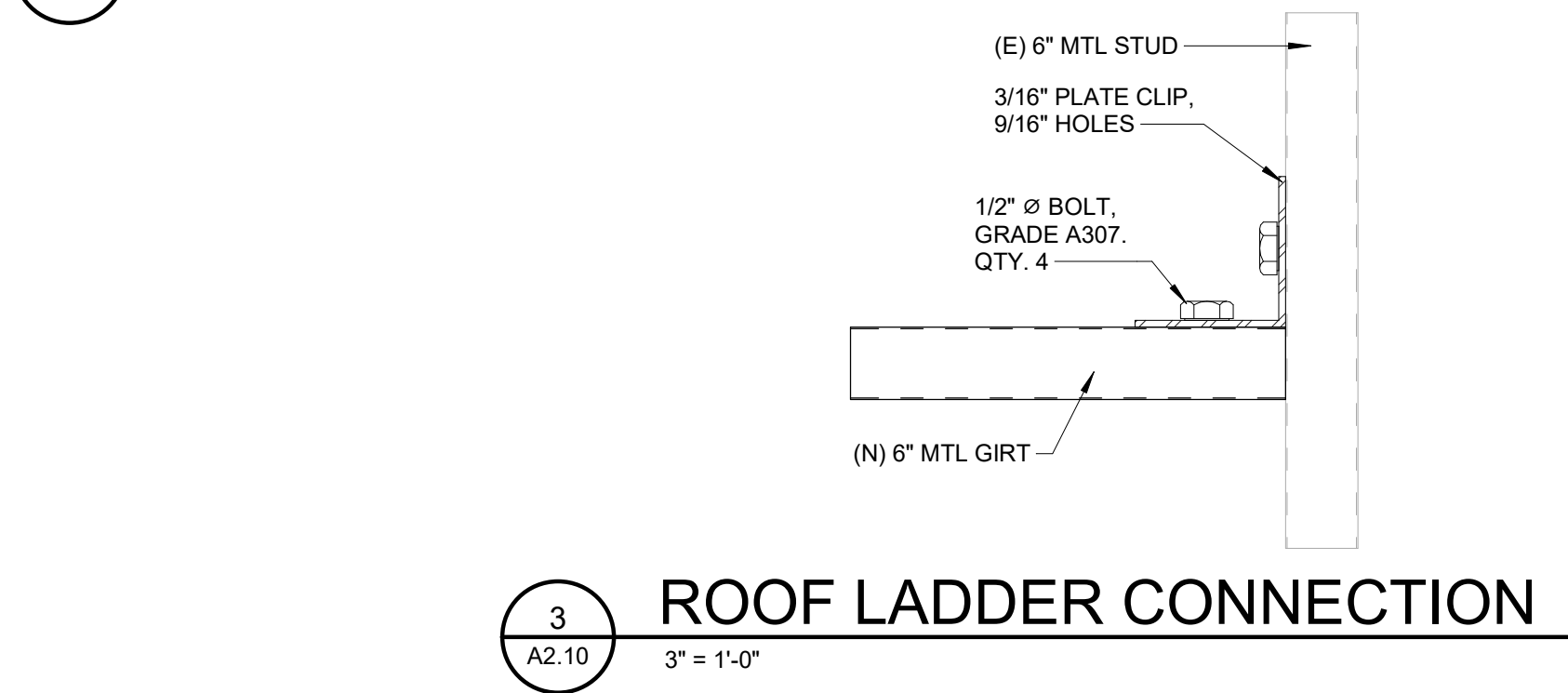
5 PCT - EAST ELEVATION
1/4" = 1'-0"



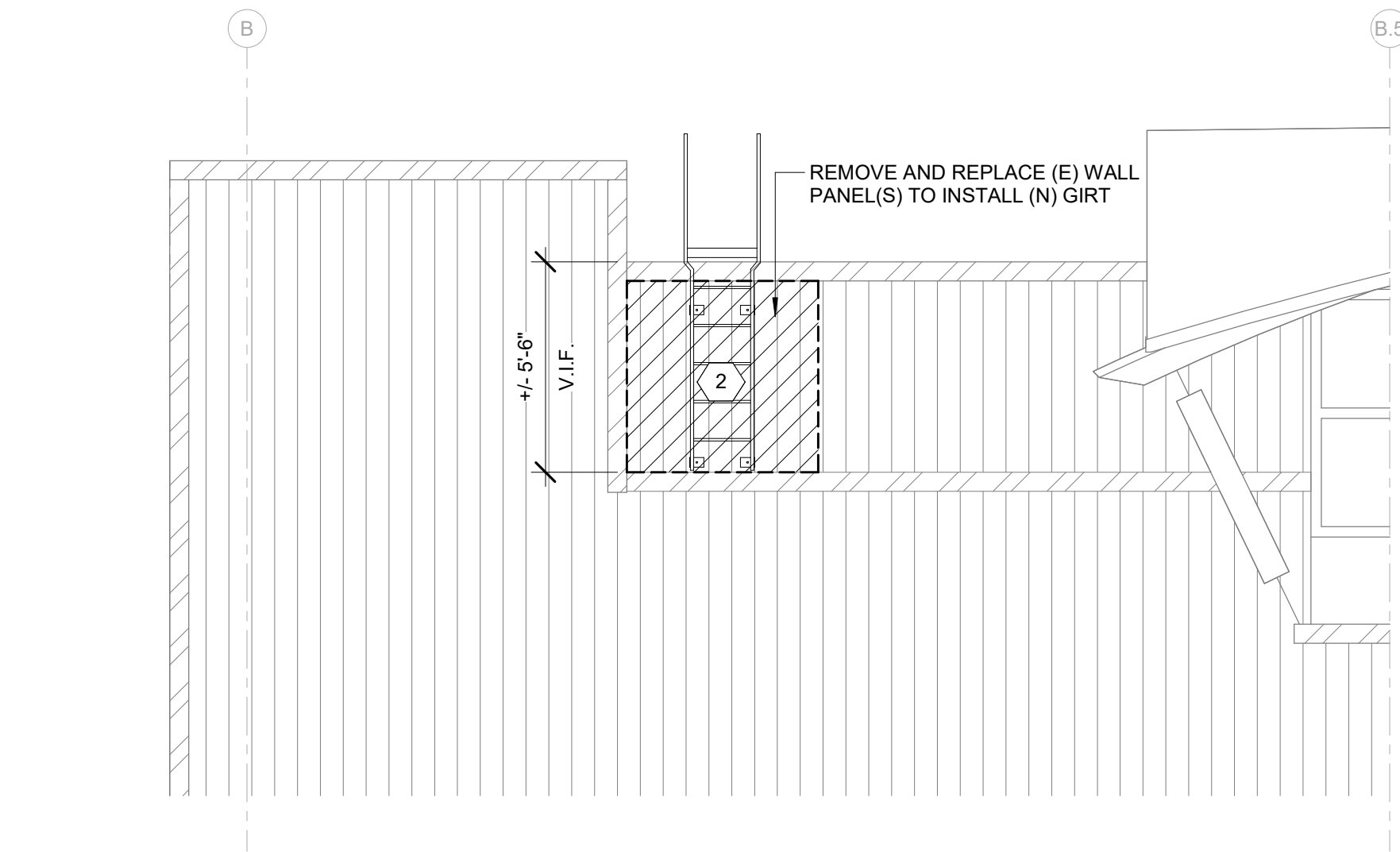
2 BUILDING SECTION
1/8" = 1'-0"



4 ROOF LADDER ENLARGED ELEVATION
1/2" = 1'-0"



3 ROOF LADDER CONNECTION
3" = 1'-0"



1 UPPER ROOF - WEST ELEVATION
1/4" = 1'-0"

ELEVATION KEYNOTES	
1	CUT (E) SIDING UP 11 INCHES, SEE DETAIL 4/A5.10
2	PROVIDE (N) ROOF ACCESS LADDER TO UPPER ROOF
3	DEMOLISH (E) PENDANT LIGHTS AND REPLACE W/ (N) LED LIGHTS, REFERENCE ELECTRICAL

6694
A2.10
SHT #11 OF 16

PCT STRAD BAY ROOF & HUSKY
MAINTENANCE TOWER ROOF
REPLACEMENTS

PARTIAL BUILDING ELEVATIONS - PCT

TOWNSHIP: 20
RANGE: 03
SECTION: 02

DAT-HRZ: 201191.01
VERT: 0320024098

PARCEL: 0320024098

DRAWING SCALE: As indicated

CONTRACTOR: 072112
M. ID: 201191.01
PHASE: BID SET

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DATE

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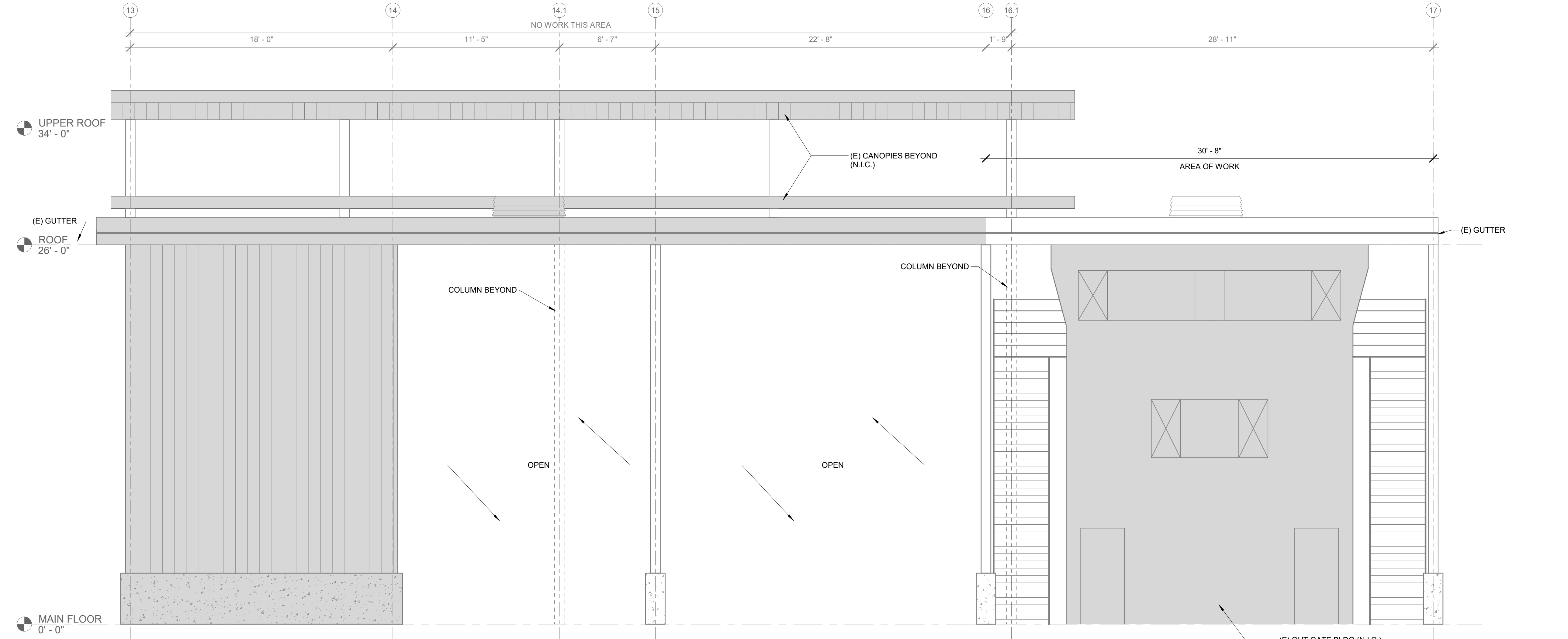
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STATE OF WASHINGTON

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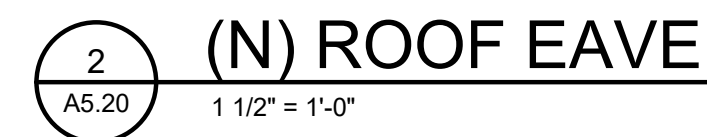
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HUSKY - SOUTH ELEVATION







ABBREVIATIONS			
(SOME ABBREVIATIONS MAY NOT BE USED ON DRAWINGS)			
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A or AMP	AMPERES	MECH	MECHANICAL
AC	ALTERNATING CURRENT	MH	MANHOLE
A/C	AIR CONDITIONING	MIN	MINIMUM
AIC	AMPERE INTERRUPTING CAPACITY	MLO	MAIN LUGS ONLY
AL	ALUMINUM	MOP, MOCp	MAXIMUM OVERCURRENT PROTECTION
ARCH	ARCHITECTURAL	MTD	MOUNTED
ATC	AUTOMATIC TEMPERATURE CONTROL	MTG	MOUNTING
ATS	AUTOMATIC TRANSFER SWITCH	NC	NORMALLY CLOSED
AWG	AMERICAN WIRE GAUGE	N, NEUT	NEUTRAL
BIL	BASIC IMPULSE LEVEL	NIC	NOT IN CONTRACT
BKR	BREAKER	NO	NORMALLY OPEN
BLDG	BUILDING	NTS	NOT TO SCALE
C	CONDUIT	OC	ON CENTER
C.O.	CONDUIT ONLY	OD	OUTSIDE DIAMETER
°C	DEGREES CELSIUS	OH	OVERHEAD
CB	CIRCUIT BREAKER	PA	PUBLIC ADDRESS
CCTV	CLOSED CIRCUIT TELEVISION	PB	PULLBOX
CFM	CUBIC FEET PER MINUTE	PF	POWER FACTOR
CKT	CIRCUIT	Ø or PH	PHASE
CL	CENTER LINE	PNL	PANEL
CLG	CEILING	PR	PAIR
CONC	CONCRETE	PRI	PRIMARY
CT	CURRENT TRANSFORMER	PT	POTENTIAL TRANSFORMER
CU	COPPER	PVC	POLYVINYL CHLORIDE
CW	COLD WATER	RECPT	RECEPTACLE
BD	DECIBELS	REQ	REQUIRED
DC	DIRECT CURRENT	RF	RADIO FREQUENCY
DIA	DIAMETER	RM	ROOM
DIV	DIVISION	RMS	ROOT MEAN SQUARE
DPDT	DOUBLE POLE, DOUBLE THROW	SEC	SECONDARY
DPST	DOUBLE POLE, SINGLE THROW	SHT	SHEET
DWG	DRAWING	SMR	SURFACE METAL RACEWAY
EGC	EQUIPMENT GROUND CONDUCTOR	SN	SOLID NEUTRAL
ELEC	ELECTRIC	SP	SINGLE POLE
EMT	ELECTRICAL METALLIC TUBING	SPD	SURGE PROTECTIVE DEVICE
EXST, (E)	EXISTING	SPDT	SINGLE POLE, DOUBLE THROW
EV	ELECTRIC VEHICLE	SPST	SINGLE POLE, SINGLE THROW
°F	DEGREES FAHRENHEIT	SS	STAINLESS STEEL
FA	FIRE ALARM	STD	STANDARD
FC	FOOTCANDLE	SW	SWITCH
FLA	FULL LOAD AMPS	SWBD	SWITCHBOARD
FLEX	FLEXIBLE CONDUIT	TEL	TELEPHONE
GALV	GALVANIZED	TV	TELEVISION
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TTB	TELECOMMUNICATIONS TERMINAL BOARD
GND	GROUND	TYP	TYPICAL
H-O-A	HAND – OFF – AUTO	UL	UNDERWRITERS LABORATORY
HP	HORSEPOWER	UF	UNDERFLOOR
HPF	HIGH POWER FACTOR	UG	UNDERGROUND
H & V	HEATING AND VENTILATION	V	VOLTS
HVAC	HEATING, VENTILATION & AIR CONDITIONING	VA	VOLT AMPERES
HZ	HERTZ	VAC	VOLTS ALTERNATING CURRENT
IDF	INTERMEDIATE DISTRIBUTION FRAME	VAR	REACTIVE VOLT AMPERES
J-BOX	JUNCTION BOX	VAV	VARIABLE AIR VOLUME
KV	KILOVOLTS	VD	VOLTAGE DROP
KVA	KILOVOLT AMPERES	VDC	VOLTS DIRECT CURRENT
KVAR	REACTIVE KILOVOLT AMPERES	VFD	VARIABLE FREQUENCY DRIVE
KW	KILOWATTS	VT	VAPORTIGHT
KWH	KILOWATT HOURS	W	WATTS
LT	LIGHT	WP	WEATHERPROOF
LTG	LIGHTING	/W	WITH
MAX	MAXIMUM	W/O	WITHOUT
MCA	MINIMUM CIRCUIT AMPS	XFER	TRANSFER
MCB	MAIN CIRCUIT BREAKER	XFMR	TRANSFORMER
MCC	MOTOR CONTROL CENTER	XLP	CROSS-LINKED POLYETHYLENE
MCM, KCM	THOUSAND CIRCULAR MILS	XP	EXPLOSION PROOF
MDF	MAIN DISTRIBUTION FRAME	Z	IMPEDANCE

ELECTRICAL LEGEND	
(SOME SYMBOLS MAY NOT BE USED ON DRAWINGS)	
SYMBOL	DESCRIPTION
	SURFACE FIXTURE – ROUND
	PHOTOCONTROL
	PANELBOARD – EXISTING (SURFACE PANEL SHOWN)
	WIRING CONCEALED UNDERGROUND OR BELOW FLOOR
	TRANSFORMER
	GROUNDDED WYE CONNECTION
	DELTA CONNECTION
	UTILITY COMPANY METER
	GROUND ELECTRODE SYSTEM
	BUBBLE NOTE TAG SYMBOL:
	# – IDENTIFYING NUMBER
NOTE: STANDARD LINE WEIGHT INDICATES EXISTING CONDITIONS. HEAVY LINE WEIGHT INDICATES NEW WORK.	

ENERGY CODE COMPLIANCE NOTES FOR ELECTRICAL POWER AND LIGHTING

1. EXTERIOR LIGHTING CONTROL: PROVIDE AUTOMATIC CONTROL OF EXTERIOR LIGHTING USING ASTRONOMICAL TIME SWITCH WITH 10 HOUR MINIMUM POWER BACKUP PHOTOSENSOR OR COMBINATION PHOTOSENSOR AND AUTOMATIC TIME SWITCH WITH 10 HOUR MINIMUM POWER BACKUP, AS INDICATED.

GENERAL ELECTRICAL NOTES:

1. SEE ARCHITECTURAL PLANS FOR LOCATION OF FIRE RATED CONSTRUCTION.
2. BRANCH CIRCUIT NOTES:
 - A. VERIFY BRANCH CIRCUIT WIRE COUNT BEFORE PULLING CONDUCTORS. PROVIDE REQUIRED CONDUCTORS TO EACH OUTLET AND DEVICE FOR PHASE, NEUTRAL AND EQUIPMENT GROUND BASED ON CIRCUIT DESIGNATIONS SHOWN AND AS OTHERWISE INDICATED ON PLANS OR NOTED BELOW.
 - B. MINIMUM BRANCH CIRCUIT CONDUCTOR SIZE FOR OUTDOOR AND EXTERIOR BUILDING LIGHTING SHALL BE MINIMUM NO. #10 AWG. PROVIDE LARGER SIZE FEEDER PER CODE WHERE EQUIPMENT MCA EXCEEDS 30 AMPS.
 - C. HOMERUNS LONGER THAN 75 FEET OF CONDUCTOR LENGTH TO THE FIRST DEVICE SHALL BE NO. #10 AWG.
 - D. PROVIDE SEPARATE NEUTRAL CONDUCTOR FOR BRANCH CIRCUITS SERVING RECEPTACLE OUTLETS UNLESS OTHERWISE INDICATED.
3. MINIMUM CONDUIT SIZE FOR HOMERUNS AND FOR CONDUIT INSTALLED BELOW GRADE OUTDOORS SHALL BE 3/4 INCH.
4. LIGHTING, POWER, AND MECHANICAL EQUIPMENT CONDUCTORS SHALL NOT BE COMBINED IN THE SAME RACEWAY UNLESS NOTED OTHERWISE.
5. REFER TO ARCHITECTURAL PLANS FOR LIGHT FIXTURE LOCATIONS AND FOR MOUNTING HEIGHT OF SUSPENDED AND WALL MOUNTED LIGHT FIXTURES. REFER TO REFLECTED CEILING PLANS, INTERIOR ELEVATIONS, EXTERIOR ELEVATIONS, ROOM SECTIONS, AND DETAILS SHOWN ON ARCHITECTURAL CONTRACT DOCUMENTS PRIOR TO ROUGH-IN. REPORT CONFLICTS TO ARCHITECT/ENGINEER FOR RESOLUTION.
6. SEAL RACEWAYS AND SLEEVES WHERE PASSING FROM INTERIOR BUILDING TO EXTERIOR OR TO COLD STORAGE LOCATIONS, AND WHERE SUBJECTED TO DIFFERENT TEMPERATURES BETWEEN LOCATIONS.

6694

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SHT# 15 OF 16

CONT/CONS: 072112

M. ID: 201191.01

PHASE: BID SET

PCT STRAD BAY ROOF & HUSKY
MAINTENANCE TOWER ROOF
REPLACEMENTS

LEGEND, NOTES, & ABBREVIATIONS

TOWNSHIP: 20

RANGE: 03

SECTION: 02

DAT-HRZ:

PARCEL: 0320024098

DRAWING SCALE:

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CHECKED BY

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03/28/2024

03/28/2024

Port of Tacoma

P.O. BOX 487 TACOMA, WA 98401 (253) 383-5841

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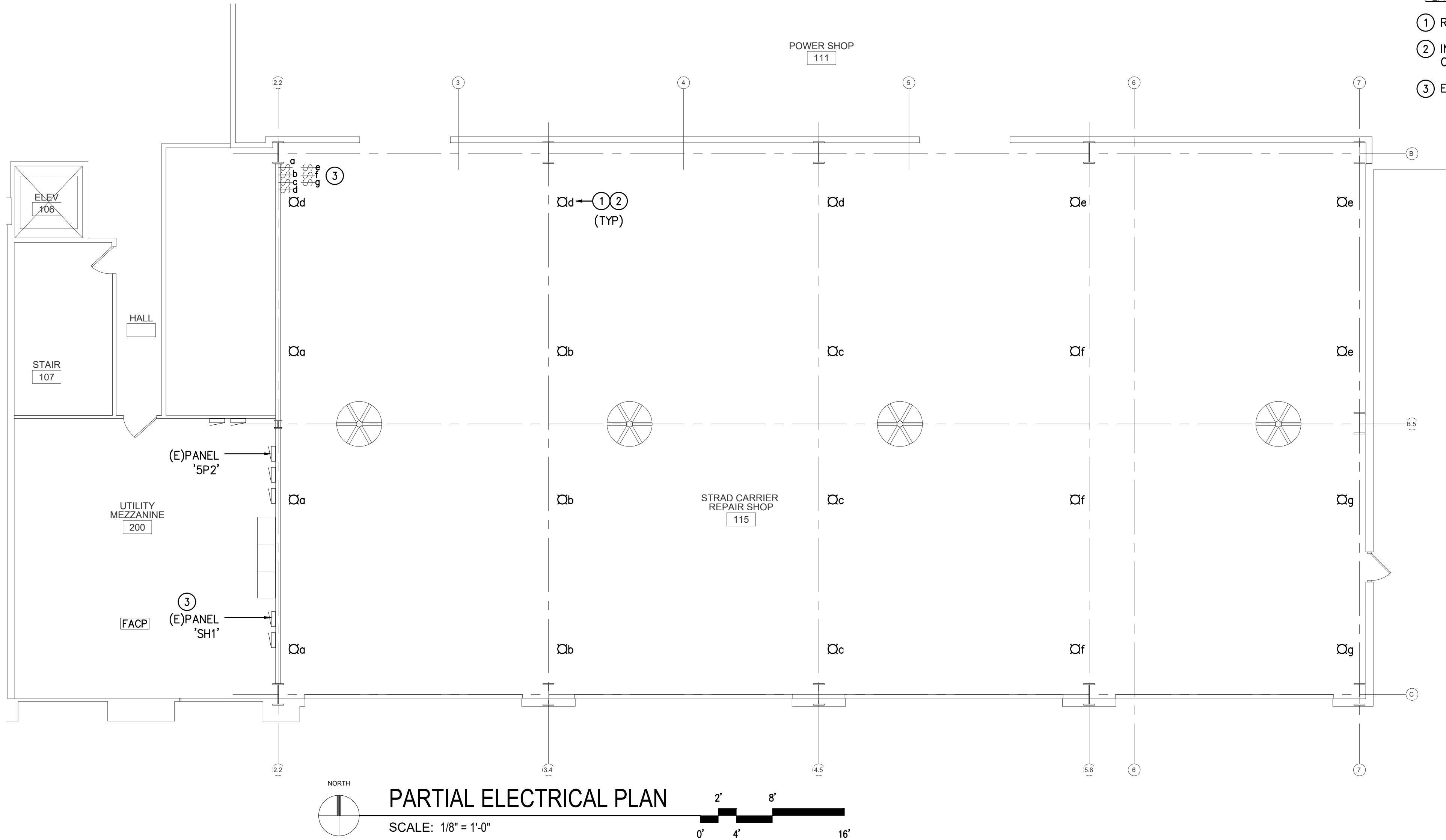
03/28/2024

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LUMINAIRE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER	LAMP	VOLTAGE	INPUT WATTS	BALLAST/ DRIVER	REMARKS
HB1	CIRCULAR HIGH-BAY LED LIGHT FIXTURE, SUGRE PROTECTION, SUSPENSION MOUNT, IK06 IMPACT RESISTANT GLASS LENS, DAYLIGHT HARVESTING SENSOR, DLC STANDARD LISTING.	HOLOPHANE PHUZION	LED 4000K 80 CRI 37,223 LMS	120-277VAC	288	LED	

LUMINAIRE SCHEDULE NOTES:

1. LED LUMENS ARE BASED ON TOTAL ILLUMINATION OUTPUT OF THE LUMINAIRE UNLESS OTHERWISE INDICATED.
2. VERIFY STEM, CHAIN, OR CABLE LENGTH WITH FIXTURE VENDOR AS REQUIRED TO ACCOMMODATE THE INDICATED MOUNTING HEIGHT MEASURED TO BOTTOM OF FIXTURE.
3. LED DRIVERS FOR LOW VOLTAGE DIMMING SHALL BE 0-10 VOLTS [DIGITAL SIGNAL DIMMING INTERFACE TYPE] UNLESS OTHERWIS INDICATED.



- PLAN NOTES:
- 1 REMOVE EXISTING LIGHT FIXTURES AT LOCATION SHOWN.
- 2 INSTALL NEW FIXTURE, REVISE EXISTING CONDUCTORS, CONDUIT, CIRCUITING AND SWITCH LAYOUT.
- 3 EXISTING SWITCHES AND CIRCUIT BREAKERS TO REMAIN.

6694

E1.0

SHT# 16 OF 16

CONT/CONS: 072112

M. ID: 201191.01

PHASE: BID SET

PCT STRAD BAY ROOF & HUSKY MAINTENANCE TOWER ROOF REPLACEMENTS

PARTIAL ELECTRICAL PLAN

TOWNSHIP: 20

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DIRECTOR ENG. DATE C.Y

PRINTED BY: 3205 PORT OF TACOMA RD TACOMA, WA 98421

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Fax: (253) 383-3283

Job Number: 23-168

MARK:

REVISION:

DATE:

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BY:

DATE:

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