

January 30, 2019

TO: HOLDERS LIST

SUBJECT: EBC BLDG 326 HVAC AND ROOF REPLACEMENT AND BLDGS 407 AND

532 BIRD WIRE

CONTRACT NO. 070941

#### **ADDENDUM NUMBER #02**

This addendum is issued to add, remove, clarify and amend the following:

#### PROCUREMENT PROCESS

Please see attached drawings.

ECT: 101249.0	C.\Users
FILE: PROJECT:	7.10.07
TACOMA	/20/00/
OF	ATF. 4

SIDING

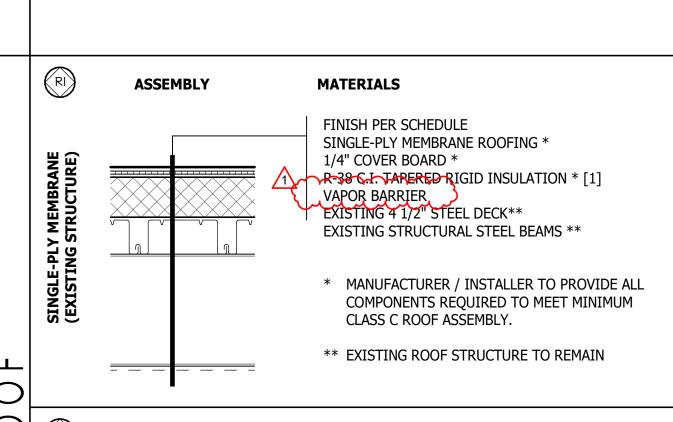
HORIZONTAL METAL

			ATION LIST		
A.F.F. ACT	ABOVE FINISH FLOOR ACOUSTICAL CEILING	IRGWB	IMPACT RESISTANT GYPSUM WALLBOARD	U.N.O.	UNLESS NOTED OTHERWISE
4 D D II	TILE	I.D.	INSIDE DIAMETER	VB	VAPOR BARRIER
ADD'L ADJ	ADDITIONAL ADJUSTABLE	INT JT	INTERIOR JOINT	VP VERT	VENEER PLASTER VERTICAL
ALUM	ALUMINUM	JST	JOIST	VEICT	VERTICAL METAL
ADA	AMERICANS WITH	LAV	LAVATORY		SIDING
	DIABILITIES ACT	LP	LIGHT POLE	W.C.	WATER CLOSET
AWP	ARCHITECTURAL WALL PANEL	MFR	MANUFACTURER	WH WRB	WATER HEATER WATER RESISTANT
ASMB	ASSEMBLY	MAS MAX	MASONRY MAXIMUM	WKD	BOARD
BM	BEAM	MECH	MECHANICAL	WRGWB	WATER RESISTANT
BRG	BEARING	MDF	MEDIUM DENSITY		GYPSUM WALLBOARD
BTWN	BETWEEN		FIBERBOARD	WT W.W.F.	WEIGHT WELDED WIRE FABRIC
BN BLKG	BIRD NETTING BLOCKING	MTL	METAL MALL BANG	w.w.r. W	WIDTH
BD BD	BOARD	MWP MIN	METAL WALL PANEL MINIMUM	WIN	WINDOW
ВОТ	BOTTOM	MISC.	MISCELLANEOUS	W/	WITH
BLDG	BUILDING	MR	MOISTURE RESISTANT	W/O	WITHOUT
B.U.	BUILT UP	M-R	MOLD RESISTANT	WD	WOOD DOINT
CLG	CEILING CEMENTITIONS BACKED	М	MORTAR	WP	WORK POINT
CBB	CEMENTITIOUS BACKER BOARD	NOM N/A	NOMINAL		
C.O.S.	CENTER OF STRUCTURE	N/A N.I.C.	NOT APPLICABLE NOT IN CONTRACT		
CLR	CLEAR	N.T.S.	NOT TO SCALE		
COL	COLUMN	NO	NUMBER		
CONC	COMPACT CONCRETE	O.C.	ON CENTER		
CMU	CONCRETE MASONRY	OPNG	OPPOSITE		
	UNIT	OPP OZ	OPPOSITE OUNCE		
CONST	CONSTRUCTION	0.D.	OUTSIDE DIAMETER		
CONT	CONTIUOUS	O.R.D.	OVERFLOW ROOF		
C.I.	CONTIUOUS INSULATION		DRAIN		
IJ	CONTROL JOINT	O.R.L.	OVERFLOW ROOF LEADER		
COORD	COORDINATE	O.S.	OVERFLOW SCUPPER		
:V	COVER	O.H.	OVERHEAD		
.U	CUBIC	PT	PAINT		
D) )	DEMOLISH DEPTH	PERP	PERPENDICULAR		
DIA	DIAMETER	PLY	PLYWOOD		
BL	DOUBLE	PSF	POUND PER SQUARE FOOT		
N	DOWN	LBS	POUNDS (WEIGHT)		
.S.	DOWNSPOUT	PP	POWER POLE		
A	EACH	P.T.	PRESSURE TREATED		
LECT P.	ELECTRICAL ELECTRICAL PANEL	QTY	QUANTITY		
 :L	ELEVATION	R REINF	RADIUS REINFORCED		
Q	EQUAL	RLT	RELITE		
QUIP	EQUIPMENT	(R)	RELOCATE		
<b>=</b> )	EXISTING	(r)	REMOVABLE		
IJ XT	EXPANSION JOINT EXTERIOR	REQD	REQUIRED		
.O.S.	FACE OF STRUCTURE	R R.D.	RISER ROOF DRAIN		
T	FEET / FOOT	RTU	ROOF DRAIN		
IG	FIGURE	R.O.	ROUGH OPENING		
IN	FINISH	SG	SAFETY GLASS		
F	FINISH FLOOR	(S)	SALVAGE		
.Е. .н.	FIRE EXTINGUISHER FIRE HYDRANT	SCH	SCHEDULE		
·.п. ·LR	FLOOR	SCR SLR	SCREEN SEALER		
TG	FOOTING	SLK	SEISMIC JOINT		
DN	FOUNDATION	SHTG	SHEATHING		
RMG	FRAMING	SHT	SHEET		
H	FULL HEIGHT	SV	SHEET VINYL		
I.C.	FURNISHED AND INSTALLED BY	SDG	SIDING		
	CONTRACTOR	SIM S.O.G.	SIMILAR SLAB ON GRADE		
.I.O.	FURNISHED AND	S.O.G. SC	SOLID CORE		
.O.I.C.	INSTALLED BY OWNER FURNISHED BY OWNER,	S	SOUND		
.0.1.0.	INSTALLED BY	SPEC	SPECIFICATIONS		
->	CONTRACTOR	SQ	SQUARE SEET		
F)	FUTURE	SF STN	SQUARE FEET		
SALV SEN	GALVANIZED GENERAL	STN SS	STAIN STAINLESS STEEL		
GC	GENERAL CONTRACTOR	STD	STANDARD		
SL SL	GLASS	STL	STEEL		
SA .	GUAGE	ST	STONE		
GYP	GYPSUM	THK	THICK		
S.A.	GYPSUM ASSOCIATION	TRTD	THREADED		
SWB	GYPSUM WALL BOARD	T&G T.O.	TONGUE AND GROOVE TOP OF		
ł.C. łDW	HANDICAPPED HARDWARE	T.O. T.O.B.	TOP OF BEARING		
HDR	HEADER	T.O.F.	TOP OF FLOOR		
iT	HEIGHT	T.O.W.	TOP OF WALL		
НМ	HOLLOW METAL	TFR	TRANSFORMER		
НK	HOOK	TS	TUBE STEEL		
HOR	HORIZONTAL	TYP	TYPICAL		

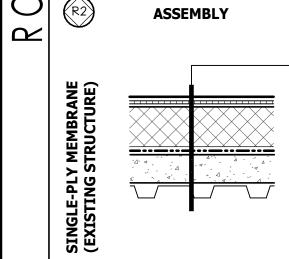
UNFIN UNFINISHED

## BUILDING ASSEMBLY LEGEND

(M) **ASSEMBLY MATERIALS** FINISH PER SCHEDULE SINGLE PLY MEMBRANE ROOFING \* 1/2" PLYWOOD SHEATHING 2X8, 24" O.C. WOOD STUD FRAMING 1/2" PLYWOOD SHEATHING WEATHER RESISTIVE BARRIER (SPRAY APPLIED) \*\* METAL WALL PANEL (RAINSCREEN SYSTEM) \* FINISH PER SCHEDULE ے ا  $\triangleleft$ \* FASTENED TO WOOD STUD FRAMING. \*\* VAPOR PERMEABLE AIR BARRIER.



**MATERIALS** 



FINISH PER SCHEDULE SINGLE-PLY MEMBRANE ROOFING \* 1/4" COVER BOARD \* R-38 C.I. TAPERED RIGID INSULATION \* [1] VAPOR BARRIER EXISTING CONCRETE SLAB\*\* EXISTING STEEL DECK \*\*

- \* MANUFACTURER / INSTALLER TO PROVIDE ALL COMPONENTS REQUIRED TO MEET MINIMUM CLASS C ROOF ASSEMBLY.
- \*\* EXISTING ROOF STRUCTURE TO REMAIN

F.O.S.

# SYMBOLS

**GRID LINE DESIGNATION** C.O.S. = center of structure F.O.S. = face of structure (E) = existing

 $-\frac{1}{1} - \frac{F.O.S.}{C.O.S.}$ F.O.S.

**BUILDING SECTION** SECTION NUMBER SHEET NUMBER **WALL SECTION** SECTION LETTER SHEET NUMBER

**DETAIL NUMBER** SHEET NUMBER **REVISION** 

REVISION

**DETAIL** 

**MATCHLINE** 

**NORTH ARROW** 

# MATCHLINE

NORTH

## BUILDING THERMAL ENVELOPE LEGEND

#### **EXTERIOR ENVELOPE:**

ROOFS: R-38 C.I. TAPERED RIGID INSULATION, MAXIMUM AREA WEIGHTED EFFECTIVE U-FACTOR 0.027 IN ACCORDANCE WITH SECTION A102.2.2.6 WASHINGTON STATE ENERGY CODE.

- 1. ALL INSULATION MATERIALS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS TO ACHIEVE PROPER DENSITIES, MAINTAIN CLEARANCES, AND MAINTAIN UNIFORM R-VALUES. R-VALUE IDENTIFICATION MARKS SHALL BE APPLIED TO ALL INSULATION MATERIALS AND READILY VISIBLE FOR INSPECTION WHEN INSTALLED.
- 2. ALL INSULATION R-VALUES INDICATED FOR ASSEMBLY TYPES ARE MINIMUMS. INSTALL INSULATION IN A MINIMUM OF TWO LAYERS WITH JOINTS STAGGERED BETWEEN LAYERS.
- 3. POLYISOCYANURATE RIGID INSULATION R-VALUE: R-5.7 PER 1" THICKNESS (MAXIMUM CALCULATION).

## CODE INFORMATION

**GOVERNING CODE** 

2015 INTERNATIONAL BUILDING CODE (IBC) WASHINGTON STATE AMENDMENTS

OCCUPANCY CLASSIFICATION **IBC CHAPTER 3** 

F-1 FACTORY INDUSTRIAL B BUSINESS

CONSTRUCTION TYPE IBC SECTION 602

VB (NON-FIRE RATED) (COMBUSTIBLE CONSTRUCTION)

#### **BUILDING INFORMATION**

**BUILDING 326** 9,579 SQ FT

**BUILING 407** 

124,965 SQ FT: SPRINKLERED 69,712 SQ FT: SPRINKLERED

**BUILDING 532** 

# BUILDING ASSEMBLY NOTES

[1] EXISTING ROOF DECK STEPS DOWN APPROXIMATELY 2" AT SHADED LOCATIONS SHOWN ON ROOF PLAN. PROVIDE AN ADDITIONAL BASE LAYER OF INSULATION AS INDICATED. EXISTING ROOF DECKS ARE FLAT, SLOPE PROVIDED BY TAPERED INSULATION.

#### GENERAL NOTES

- ALL WORK SHALL CONFORM TO APPLICABLE BUILDING CODES AND ORDINANCES. WHERE MORE THAN ONE CODE OR ORDINANCE CONFLICT WITH EACH OTHER, THE MORE RESTRICTIVE CODE SHALL GOVERN.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AT THE SITE AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY UNCERTAINTIES OR DISCREPANCIES WITH DRAWINGS.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES AT THE SITE, PROTECT THEM FROM DAMAGE AND REPORT ANY DISCREPANCIES WITH DRAWINGS.
- THE CONTRACTOR SHALL INSURE THE HEALTH AND SAFETY OF THE PUBLIC AND ALL WHO ENTER THE BUILDING DURING CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE THE WORK OF SUBCONTRACTORS AND ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION.
- DRAWINGS SHALL NOT BE SCALED. NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS.
- ALL CONSTRUCTION SHALL MEET OR EXCEED LOCAL INDUSTRY STANDARDS. DETAILS ARE PROVIDED TO INDICATE MINIMUM QUALITY AND TO GIVE STANDARDS OF CONSTRUCTION. IF A CONDITION IS NOT SPECIFICALLY DETAILED, SUBMIT A SUGGESTED DETAIL FOR GUIDANCE AND APPROVAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION OF MECHANICAL AND ELECTRICAL WORK AS REQUIRED TO ACCOMMODATE CONSTRUCTION AND SHALL PROVIDE ALL NECESSARY SHAFTS, OPENINGS, BASES AND STRUCTURAL SUPPORT FOR DUCTS, PIPES, CONDUITS AND EQUIPMENT.
- DIMENSIONS ON PLANS ARE TO FACE OF STUD, CENTER OF COLUMN, CENTER OF MULLION, FACE OF CONCRETE, FACE OF MASONRY, FACE OF FRAME OR FACE OF ROUGH OPENING, UNLESS OTHERWISE NOTED.
- 10. REPAIR / REPLACE EXISTING WALL AND CEILING FINISHES TO MATCH EXISTING ADJACENT FINISHES WHEN DAMAGED DURING COURSE OF CONSTRUCTION.

## COLORS AND MATERIALS SCHEDULE

#### **SECTION 05 50 00 - METAL FABRICATIONS MANUFACTURER** SYMBOL **MATERIAL** COLOR / PATTERN / TYPE STL-1 PRE-FINISHED GALVANIZED STEEL COLOR: BLUE, MFR'S STANDARD COLOR SIMILAR TO EXISTING DOOR STL-2 PRE-FINISHED GALVANIZED STEEL COLOR: GRAY MFR'S STANDARD COLOR SIMILAR TO EXISTING SIDING STL-3 POWDER COATED GALVANIZED STEEL COLOR: GRAY

#### SCHEDULE:

- STL-1: SHEET METAL GUTTERS, FASCIA FLASHING, COPINGS AND RELATED COMPONENTS AND FASTENERS.
- STL-2: SHEET METAL CONDUCTOR HEADS AND DOWNSPOUTS
- STL-3: GALVANIZED STEEL LADDER

SYMBOL	MATERIAL	MANUFACTURER	COLOR / PATTERN / TYPE
MWP-1	PRE-FINISHED GALVANIZED STEEL	-	PROFILE: AEP SPAN BOX RIB
			COLOR: MFR'S STANDARD COLOR SIMILAR TO EXISTING GRAY COLOR SIDING

SECTION 07 92 00 - JOINT SEALANTS	
	SECTION 07 92 00 - JOINT SEALANTS

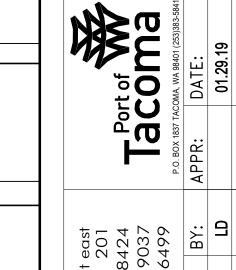
SPMR-1 MEMBRANE ROOFING

MWP-1: HORIZONTAL METAL SIDING

SYMBOL	MATERIAL	MANUFACTURER	COLOR / PATTERN / TYPE	
JTS-1	SEALANT (EXPOSED TO VIEW)	-	COLOR: TO MATCH ADJACENT MATERIALS	

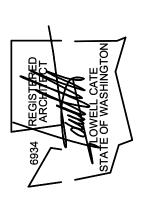
JEC11011 07 54	23 - TPO ROOFING			
SYMBOL	MATERIAL	MANUFACTURER	COLOR / PATTERN / TYPE	
SPMR-1	TPO MEMBRANE ROOFING	-	COLOR: WHITE	
SPMR-1	TPO MEMBRANE ROOFING	-	COLOR: WHITE WALK PADS: GRAY	

**BID SET** 



la, wc 253. 253.





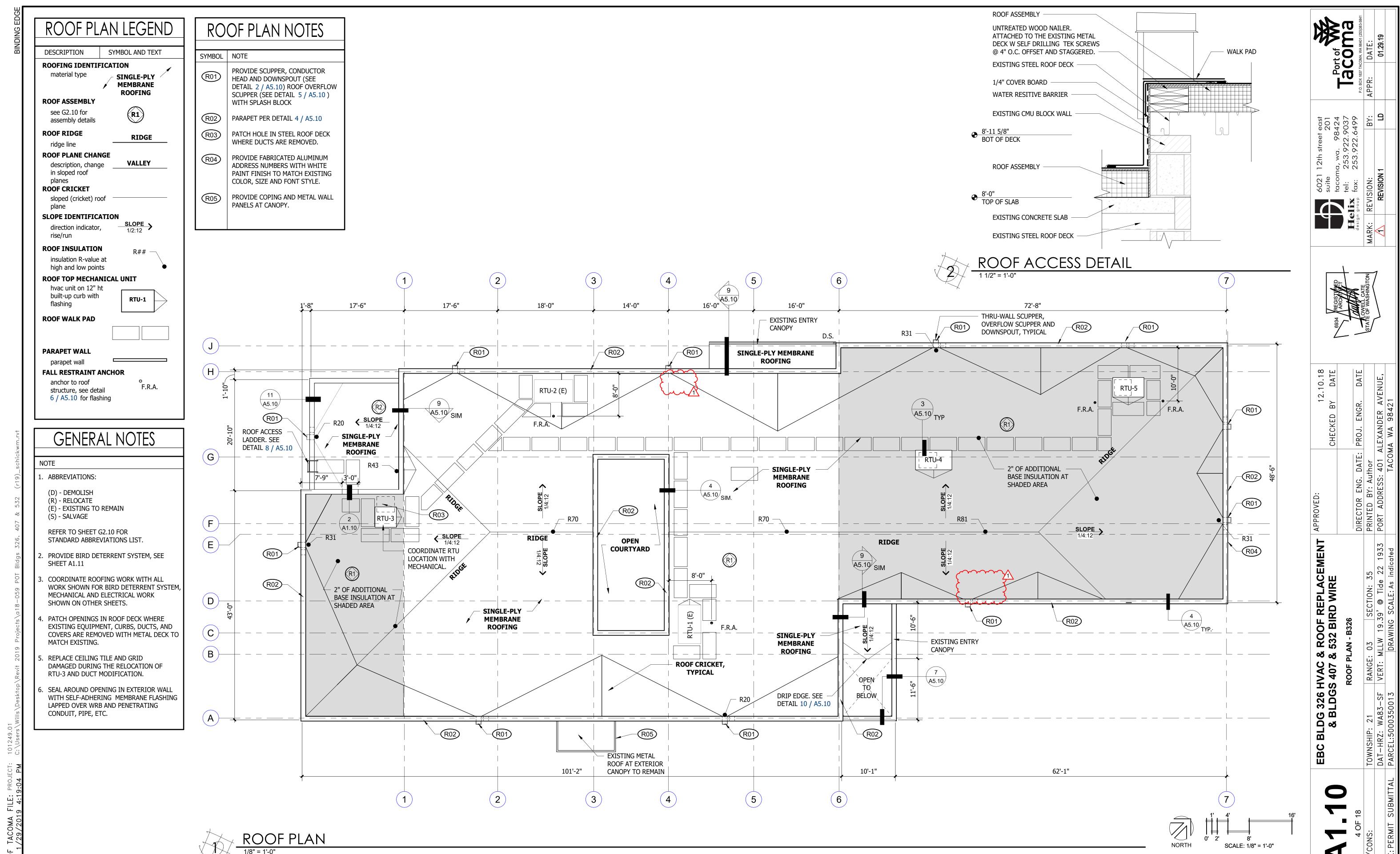
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2.

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ROOF REPLACEMENT 532 BIRD WIRE

DG 326 HVAC 8 BLDGS 407 8



**BID SET** 

(D) - DEMOLITION (R) - RELOCATE (E) - EXISTING TO REMAIN (S) - SALVAGE

REFER TO SHEET G2.10 FOR STANDARD ABBREVIATIONS LIST.

SYMBOL AND TEXT

**BIRD DETERRENT SYSTEM** 

PARAPET MOUNTED POST\*

\* SEE GENERAL NOTE C POLE MOUNTING

GENERAL NOTES

PARAPET BIRD SPIKES

REQUIREMENTS

. ABBREVIATIONS:

(E) ROOF POST\*

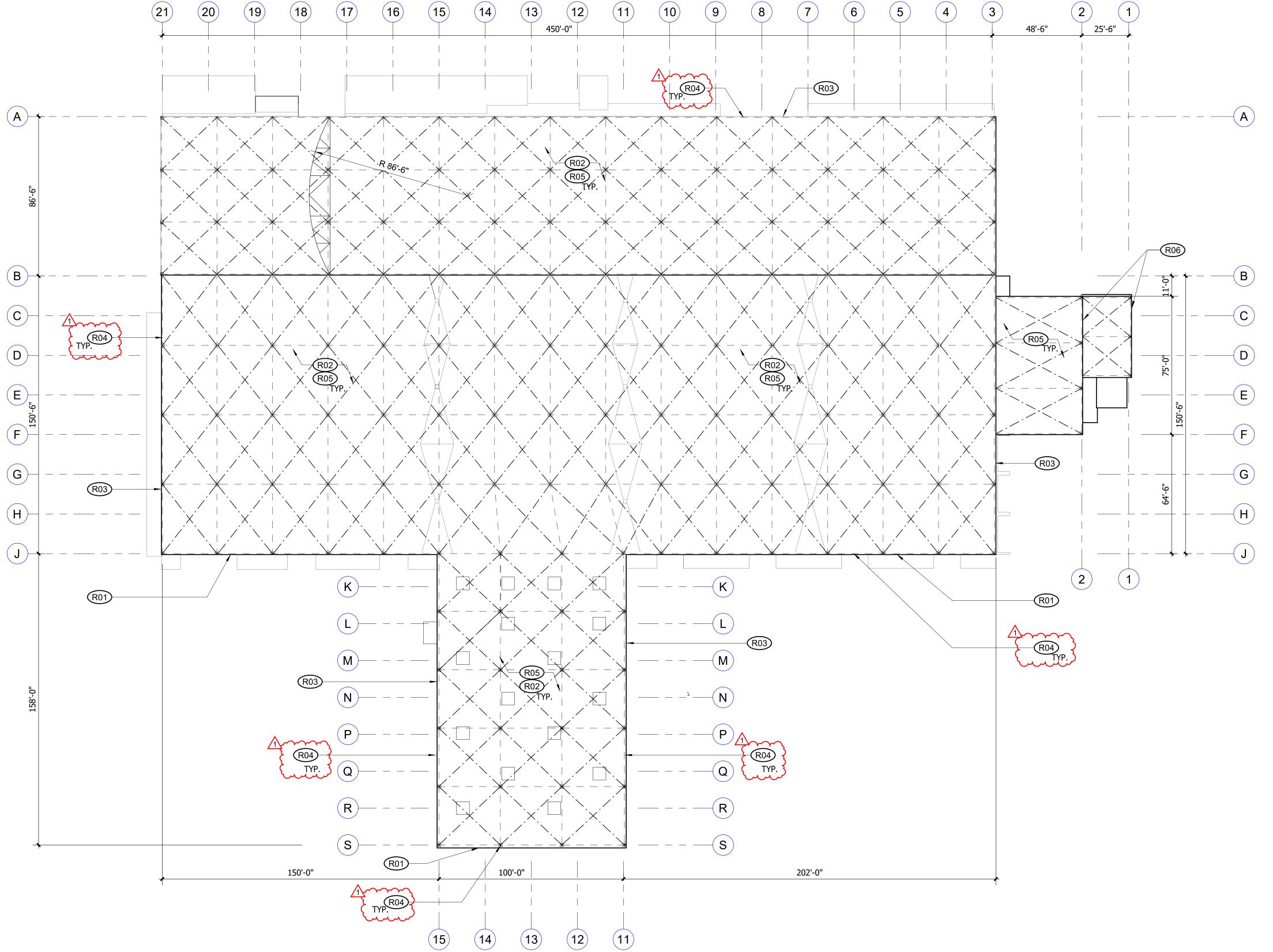
**ROOF POST\*** 

(E) WIRES

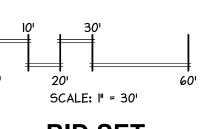
NOTE

# **ROOF PLAN NOTES**

SYMBOL	NOTE
	PROVIDE BIRD DETERRENT SYSTEM IN ACCORDANCE WITH SPECIFICATION SECTION 10 81 13, AS FOLLOWS:
R01	PROVIDE BIRD SPIKES ON PERIMETER PARAPET WALLS.
R02	EXISTING POLES AND WIRE GRID BETWEEN POLES TO REMAIN.
R03	EXISTING BIRD SPIKES AT GUTTERS TO REMAIN.
R04)	PROVIDE HORIZONTAL WIRES AT APPROXIMATELY 18" O.C. VERTICALLY BETWEEN POLES, ALONG PERIMETER ROOF, TYPICAL. BOTTOM WIRE SHALL BE LOCATED 8" ABOVE ROOF.
R05)	PROVIDE CROSS WIRES DIAGONALLY BETWEEN POLES, TYPICAL IN FIELD OF ROOF.
R06	PROVIDE BIRD DETERRENT WIRE APPROXIMATELY 8 INCHES ABOVE EXISTING GUTTERS.
R07	NOT USED
	1







Tacoma

12th street east 201 na, wa. 98424 253.922.9037 253.922.6499

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DATE

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**BID SET** 

ROOF PLAN - BLDG 407