KNOTWOOD - GENERIC PERGOLAS SHOP DRAWINGS

PROPERTY MANAGER: PER ARCHITECT / ENGINEER

DESIGN ENGINEER: PVE, LLC 2000 GEORGETOWN DRIVE, SUITE 101 SEWICKLEY, PA 15143

ABBREVIATIONS:

<u>ABBREVIA</u>	TIONS (CONT.):	<u>ABBREVI</u>	ATIONS (CONT.):	<u>ABBREVIA</u>	TIONS (CONT.):	<u>ABBREVI.</u>	ATIONS (CONT.):	<u>ABBREVIA</u>	ATIONS (CONT.):
CLSM	CONTROLLED LOW STRENGTH MATERIAL	EOS	EDGE OF SLAB	kN	KILONEWTON	(N)	NEW	SOG	SLAB-ON-GRADE
CMU	CONCRETE MASONRY UNIT	EQ	EQUAL	kPa	KILOPASCAL	OC	ON CENTER	STD	STANDARD
CO	CLEAN OUT	EQUIP	EQUIPMENT	I	LITER	OPNG	OPENING	STL	STEEL
COL	COLUMN	EW	EACH WAY	L	LENGTH	OPP	OPPOSITE	STRUCT	STRUCTURAL
CONC	CONCRETE	EXIST	EXISTING	LBS	POUNDS	O.F.	OUTER FACE	Т	TOP OF TREAD
CONT	CONTINUOUS	EXP	EXPANSION	Ld	REINF BAR DEVELOPMENT LENGTH	PJP	PARTIAL JOINT PENETRATION	Т/	TOP OF
COORD	COORDINATE	FT	FOOT/FEET	LLH	LONG LEG HORIZ	PSF	POUNDS PER SQUARE FOOT	TOF	TOP OF FOOTING
COTR	CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE	FTG	FOOTING	LLV	LONG LEG VERT	PSI	POUNDS PER SQUARE INCH	TOS	TOP OF STEEL
db	REINFORCING BAR DIAMETER	FE	FIRE ESCAPE	LP	LOW POINT	PT	POST-TENSION	ТНК	ТНІСК
DIA	DIAMETER	GALV	GALVANIZE	LTWT	LIGHT WEIGHT	R	RISER	TMS	THE MASONRY SOCIETY
DN	DOWN	GL	GRIDLINE	m	METER	REF	REFERENCE	ТҮР	TYPICAL
DTLS	DETAILS	Н	HIGH	mm	MILLIMETER	REINF	REINFORCING OR REINFORCEMENT	UNO	UNLESS NOTED OTHERWISE
DWG	DRAWING	HORIZ	HORIZONTAL	MAX	MAXIMUM	REQ'D	REQUIRED	VERT	VERTICAL
DWLS	DOWELS	HP	HIGH POINT	MANUF	MANUFACTURER	SCHED	SCHEDULE	W/C	WATER-CEMENTITIOUS MATERIAL RATIO
E	EXISTING	HS	HIGH STRENGTH	MECH	MECHANICAL	SC	SLIP CRITICAL	W	WIDTH
EA	EACH	HSA	HEADED SHEAR ANCHOR	MEP	MECH/ELECT/PLUMBING	SDI	STEEL DECK INSTITUTE	WD	WOOD
EF	EACH FACE	IN	INCH(ES)	MIN	MINIMUM	SDL	SUPERIMPOSED DEAD LOAD	WP	WORK POINT
EL	ELEVATION	IP	INFLECTION POINT	MPa	MEGAPASCAL	SEC	SECONDS	WWR	WELDED WIRE REINFORCEMENT
ELECT	ELECTRICAL	I.F.	INSIDE FACE	MTL	METAL	SIM	SIMILAR		
ELEV	ELEVATOR	JT	JOINT	Ν	NEWTON	SJI	STEEL JOIST INSTITUTE		
EMBED	EMBEDMENT	К	KIPS (1000 POUNDS)	NLWT	NORMAL WEIGHT	SLV	SHORT LED (DIM) VERTICAL		

DRAWI	NG LI	<u>ST</u>	LATEST REVISION	DATE
T-100	-	TITLE SHEET		
G-100	-	GENERAL NOTES		
A-100	-	9x9 PERGOLA W/ 4x4 POST PLAN & ELEVATIONS		
A-101	-	9x9 PERGOLA W/ 7x7 POST PLAN & ELEVATIONS		
A-102	-	9x18 PERGOLA W/ 4x4 POST PLAN & ELEVATIONS		
A-103	-	9x18 PERGOLA W/ 7x7 POST PLAN & ELEVATIONS		
A-104	-	18x18 PERGOLA W/ 4x4 POST PLAN & ELEVATIONS		
A-105	-	18x18 PERGOLA W/ 7x7 POST PLAN & ELEVATIONS		
A-300	-	4x4 POST TYPICAL DETAILS		
A-301	-	7x7 POST TYPICAL DETAILS		

PREPA	RED FOR:						
	Kĸ		W00	D			
	55	55 W Roosev	elt St	ım			
ISSUE	P D FOR:	hoenix, AZ 85	5043				
	-						
ISSUE	D DATE:	05/1	5/2024				
NO.	PL	AN REVIS		ON			
NO.	DATE		DESCRIPTI	UN			
LLC. THIS D PROJECT N PURPOSE C LAW. USE C COPIES OF MEDIA MA	N CONCEPTS, IDEAS, AND ALL ASS OCUMENT HAS BEEN PREPARED OTEO ON THIS DOCUMENT. THE DTHER THAN SPECIFIED, WITHOU OF THIS DOCUMENT IS WITH FUL THIS DOCUMENT SHALL BE SUBJ Y CONTAIN ERRORS OR SYSTEM I ES AS TO THE ACCURACY OF THE	SOLELY FOR BENEFIT OF REPRODUCTION, ALTERA T WRITTEN CONSENT FR(L RESPONSIBILITY OF ALL ECT TO THE SAME COPYR INCOMPATIBILITIES. PVE,	THE PERSON(S) NAME TION, USE BY ANY THI DM PVE LLC, IS PROHIE INHERENT ERRORS OF IGHT CONDITIONS AS LLC. IN ISSUANCE OF T	D ABOVE AND FOR THE RD PARTY, OR USE FOR ANY HTED AND A VIOLATION OF & OMISSIONS. ELECTRONIC STATED ABOVE. ELECTRONIC 'HIS DOCUMENT, MAKES NO			
	CT NAME:	GENERIC		A SHOP			
PROJE	CT LOCATION:						
DRAW	/ING NAME:						
	TITLE SHEET						
SEAL 8	& SIGNATURE		PROJECT NO:	202110314			
			DRAWN BY:				
			CHECKED BY:				
			DRAWING NO:	100			
			PAGE NO:				

PREPARED BY:

2000 GEORGETOWN DRIVE, S SEWICKLEY, PA 15143

FAX: (724) 444-1104

E-MAIL: STRUCTURES@PVE-LLC.COM

GENERAL NOTES:

- 1. **DRAWING REFERENCE:** N/A
- 2. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO INSTALLATION. DO NOT SCALE OFF DRAWINGS.
- 3. ALL MEMBERS SHALL BE SAW CUT IN FIELD AS REQUIRED.
- 4. NO SPLICES SHALL BE PERMITTED UNLESS INDICATED OTHERWISE ON DRAWINGS.
- 5. TOUCH UP ALL SCRATCHES WITH DEALER PROVIDED COLORS TO MATCH.
- 6. WELDING IS NOT PERMITTED, UNLESS OTHERWISE INDICATED ON DRAWINGS.
- 7. THE CONTENTS SHOW THE APPLICATION OF ALUMINUM KNOTWOOD FRAMING COMPONENTS ONLY. THE INSTALLING CONTRACTOR IS TO REFER TO THE PROJECT DOCUMENTS FOR ADDITIONAL REQUIREMENTS.
- DIMENSIONS HEREIN ARE FOR ENGINEERING PURPOSES ONLY AND MUST BE REVIEWED FOR THE PURPOSE OF APPROVAL. ALL CONDITIONS ARE SUBJECT TO APPROVAL AND TO FIELD VERIFICATION PRIOR TO FABRICATION OR INSTALLATION.
- BEFORE ORDERING, FABRICATING OR ERECTING ANY MATERIAL, MAKE ANY NECESSARY SURVEYS AND MEASUREMENTS TO VERIFY THAT IN PLACE WORK HAS BEEN BUILT ACCORDING TO THE CONTRACT DOCUMENTS AND ARE WITHIN ACCEPTABLE TOLERANCES. THIS INCLUDES THE ORIGINAL BUILDINGS AND ALL ADDITIONS THERETO. NOTIFY THE A/E AND OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- 10. TEMPORARY BRACING OF THE SYSTEM AND SAFETY DURING CONSTRUCTION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. TEMPORARY BRACING OF THE SYSTEM SHALL REMAIN IN PLACE UNTIL THE SYSTEM IS TOTALLY IN PLACE. CONTRACTOR SHALL COORDINATE LOCATIONS OF TEMPORARY BRACING WITH OTHER CONTRACTORS. REFER TO DRAWINGS FOR ADDITIONAL CRITERIA.
- 11. THIS SUBMITTAL IS SUBJECT TO THE REVIEW AND APPROVAL OF THE PROJECT ARCHITECT/ENGINEER OF RECORD PRIOR TO INSTALLATION.

BUILDING LOADS:

1.	SUPERIMPOSED DEAD LOAD AND LIVE LOADS						
	a.	DEAD LOAD					
		1.	2X2 - KEB5050M/KEB5050F	1.21 PLF			
		2.	2X4 - KEB5050M/KEB10050F	1.93 PLF			
		3.	2X6 - KEB5050M/KEB15050F	2.58 PLF			
		4.	2X8 - KEB5050M/KEB20050F	3.14 PLF			
		5.	KEGR20050	2.66 PLF			
		6.	KESG100100	2.77 PLF			
		7.	RT7x7x0.125	4.02 PLF			
	b.	LIVE LOADS					
		1.	DISTRIBUTED LOAD	5 PSF			
		2.	CONCENTRATED LOAD	200 LBS			
2.	SNO	W LO	ADS				
2.	a.	N/A - OPEN STRUCTURE					
3.	WIN	D (NC	TE ANY WIND SPEEDS GREATER THAN T	HOSE LISTED BELOW			
	PERC	GOLA	SHALL BE EVALUATED BY THE EOR - SEE	MAX WIND LOADS			
	CONSIDERED)						

ADS CONSIDERED) 180 MPH (ULTIMATE) a. WIND SPEED BUILDING CATEGORY b. WIND EXPOSURE C. 0.85 d. DIRECTIONALITY FACTOR, Kd 1.0 TOPOGRAPHIC FACTOR, Kzt e. IMPORTANCE FACTOR, Iw 1.0 109 PSF MAX WINDWARD LATERAL LOAD MAX LEEWARD LATERAL LOAD 74 PSF MAX NORMAL TO RIDGE DOWN ROOF LOAD 75 PSF MAX NORMAL TO RIDGE UPLIFT LOAD 68 PSF 50 PSF MAX PARALLEL TO RIDGE DOWN ROOF LOAD 50 PSF MAX PARALLEL TO RIDGE UPLIFT

4. SEISMIC

a. N/A - WIND CONTROLS

ALUMINUM NOTES:

- 2. MATERIAL NOTES: **TEMPERS**: 6061-T6 F_v: 35 KSI F_u: 38 KSI E: 10x10³ KSI
- 3. SCREWS:
- CADMIUM, OR ALUMINUM.
- 5. SERIES STAINLESS, ZINC, OR CADMIUM.
- 6.
- AS CHLORIDES ARE USED.

- 1/16" (U.O.N.).

CODES AND STANDARDS:

1

THE F	OLLOWING CC
REFFE	RENCED WITH
PROJ	ECT WITH LATE
a.	ASCE 7-16, "N
	STRUCTURES"
b.	IBC 2018, "INT
C.	AA ADM-2015
d.	ACI 318-14. "E
	CONCRETE"

TYPICAL SCREW FASTENER LEGEND:

1. ALL STRUCTURAL ALUMINUM COMPONENTS SHALL BE FABRICATED AND ERECTED ACCORDING TO THE GOVERNING BUILDING CODE AND ADM-2015.

ALL SHAPES SHALL BE ONE OF THE FOLLOWING ALUMINUM ALLOYS AND

6063-T6	6063-T5
F _y : 25 KSI	F _y : 16 KSI
F _u : 30 KSI	F _u : 22 KSI
E: 10x10 ³ KSI	E: 10x10 ³ KSI

SELF-TAPPING METAL SCREWS (AS NOTED) - #10 MINIMUM GALVANIZED UNLESS NOTED OTHERWISE ALUMINUM WHERE NOTED AT HIGH/SALT EXPOSURE

4. WHERE ALUMINUM IS IN CONTACT WITH OTHER METALS EXCEPT 300 SERIES STAINLESS TELL, ZINC OR CADMIUM AND THE FAYING SURFACES ARE EXPOSED TO MOISTURE, THE OTHER METALS SHALL BE PAINTED OR COATED WITH ZINC,

UNCOATED ALUMINUM SHALL NOT BE EXPOSED TO MOISTURE OR RUNOFF THAT HAS COME IN CONTACT WITH OTHER UNCOATED METALS EXCEPT 300

ALUMINUM SURFACES TO BE PLACED IN CONTACT WITH WOOD, FIBERBOARD, OR OTHER POROUS MATERIAL THAT ABSORBS WATER SHALL BE PAINTED.

7. ALUMINUM SURFACES SHALL BE PAINTED IF THEY ARE TO BE PLACED IN CONTACT WITH CONCRETE OR MASONRY UNLESS THE CONCRETE OR MASONRY REMAINS DRY AFTER CURING AND NO CORROSIVE ADDITIVES SUCH

ALUMINUM SHALL NOT BE EMBEDDED IN CONCRETE WITH CORROSIVE ADDITIVES SUCH AS CHLORIDES IF THE ALUMINUM IS ELECTRICALLY CONNECTED TO STEEL. ALUMINUM EMBEDDED IN CONCRETE SHALL BE WRAPPED WITH 10 MIL PIPE WRAP OR PLASTIC TAPE. WRAP MUST PROTECT ALL ALUMINUM SURFACES FROM EXPOSURE TO CONCRETE.

AS AN ALTERNATIVE TO THE PREVIOUS REQUIREMENTS FOR ALUMINUM IN CONTACT WITH OTHER MATERIALS, ALUMINUM SHALL BE SEPARATED FROM THE MATERIALS OF THIS SECTION BY A NONPOROUS ISOLATOR COMPATIBLE WITH THE ALUMINUM AND THE DISSIMILAR MATERIAL.

10. STEEL FASTENERS WITH A MINIMUM TENSILE ULTIMATE STRENGTH GREATER THAN 120 KSI IN THE LOAD BEARING PORTION OF THE SHANK SHALL NOT BE USED IN CONTACT WITH ALUMINUM. ALL FASTENERS SHALL BE LOCATED AT A SPACING THAT CONFORMS TO AISC STANDARD GAGE AND PITCH.

11. BOLT HOLES SHALL BE DRILLED THE SAME NOMINAL DIAMETER AS THE BOLT +

12. PREDRILL ALL HOLES FOR MATERIAL THICKER THAN 3/16".

13. NOMINAL DIAMETER OF UNTHREADED HOLES FOR SCREWS SHALL NOT EXCEED THE NOMINAL DIAMETER OF THE SCREWS BY MORE THAN 1/16".

14. THE SPACING BETWEEN SCREW CENTERS SHALL NOT BE LESS THAN 2.5 TIMES THE NOMINAL DIAMETER OF THE SCREWS.

15. THE DISTANCE FROM THE EDGE OF A PART TO THE CENTER OF THE SCREWS SHALL NOT BE LESS THAN 1.5 TIMES THE NOMINAL DIAMETER OF THE SCREW.

16. WASHERS SHALL HAVE A NOMINAL DIAMETER NOT LESS THAN 5/16" AND SHALL HAVE A NOMINAL THICKNESS NOT LESS THAN 0.050".

ODES AND STANDARS, INCLUDING ALL SPECIFICATIONS HIN, APPLY TO THE DESIGN AND CONSTRUCTION OF THIS EST EDITION PER GOVERNING BUILDING CODE TO BE USED: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER

ITERNATIONAL BUILDING CODE"

5 "ALUMINUM DESIGN MANUAL"

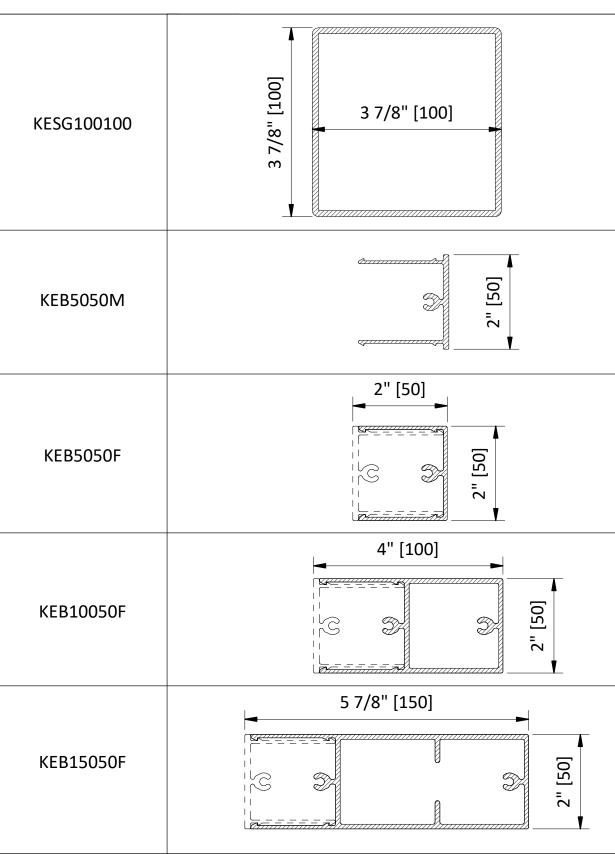
'BUILDING CODE REQUIREMENTS FOR STRUCTURAL

e. 7TH EDITION - 2020 FLORIDA BUILDING CODE

NOTE: SCREWS SHOWN BELOW ARE TYPICAL EXAMPLES AND ALL MAY NOT BE USED IN MAY ELECT TO USE OTHER TYPES. SCREW MATERIAL PER THE GENERAL NOTES AND MIN PER THE DETAILS MUST BE MAINTAINED. DRILL POINT, HEAD STYLE, AND THREAD COUI SELECTED BY THE CONTRACTOR BASED ON THE APPLICATION.

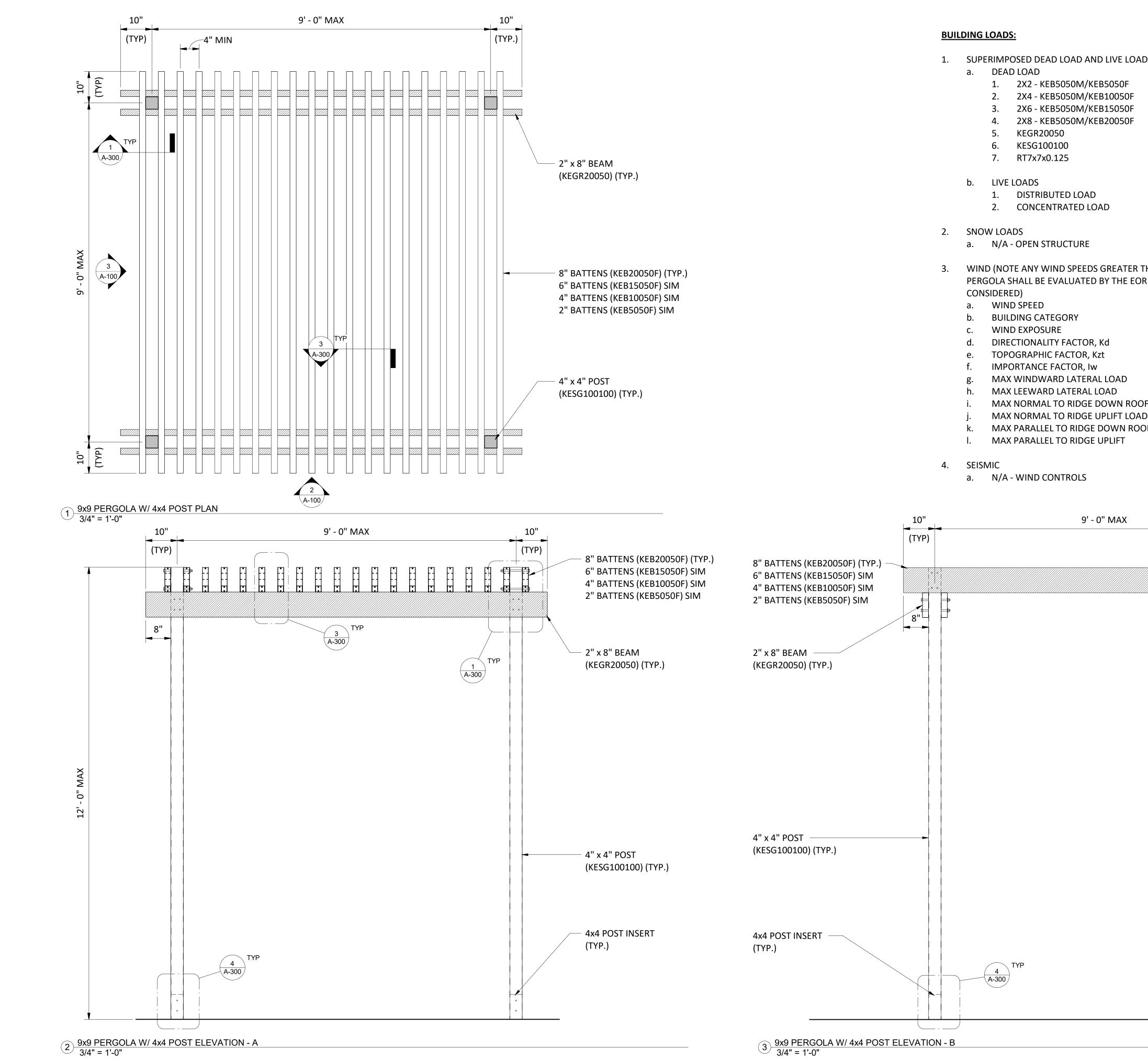
#10-16X1" HEX WASHER HEAD (HWH) SELF DRILLING SCREW (5/16" HEX-HEAD) (METAL TO METAL) MANUF. PART NO. 10100HW3CS	
#12-11X1" GP SELF DRILLING SCREW (2/2 QUADREX DRIVE) (THIN METAL) MANUF. PART NO. 12100SPCGCSTS	
#10-16X5/8" BLAZER LO PROFILE PANCAKE HEAD SELF DRILLING SCREW (2/2 QUADREX DRIVE) (METAL TO METAL) MANUF. PART NO. CSSD5-#10X5/8"-PC-QX-F	
1/2" Ø THRU BOLT	

ENLARGED PART DETAILS (DIMENSIONS IN [] ARE MM):

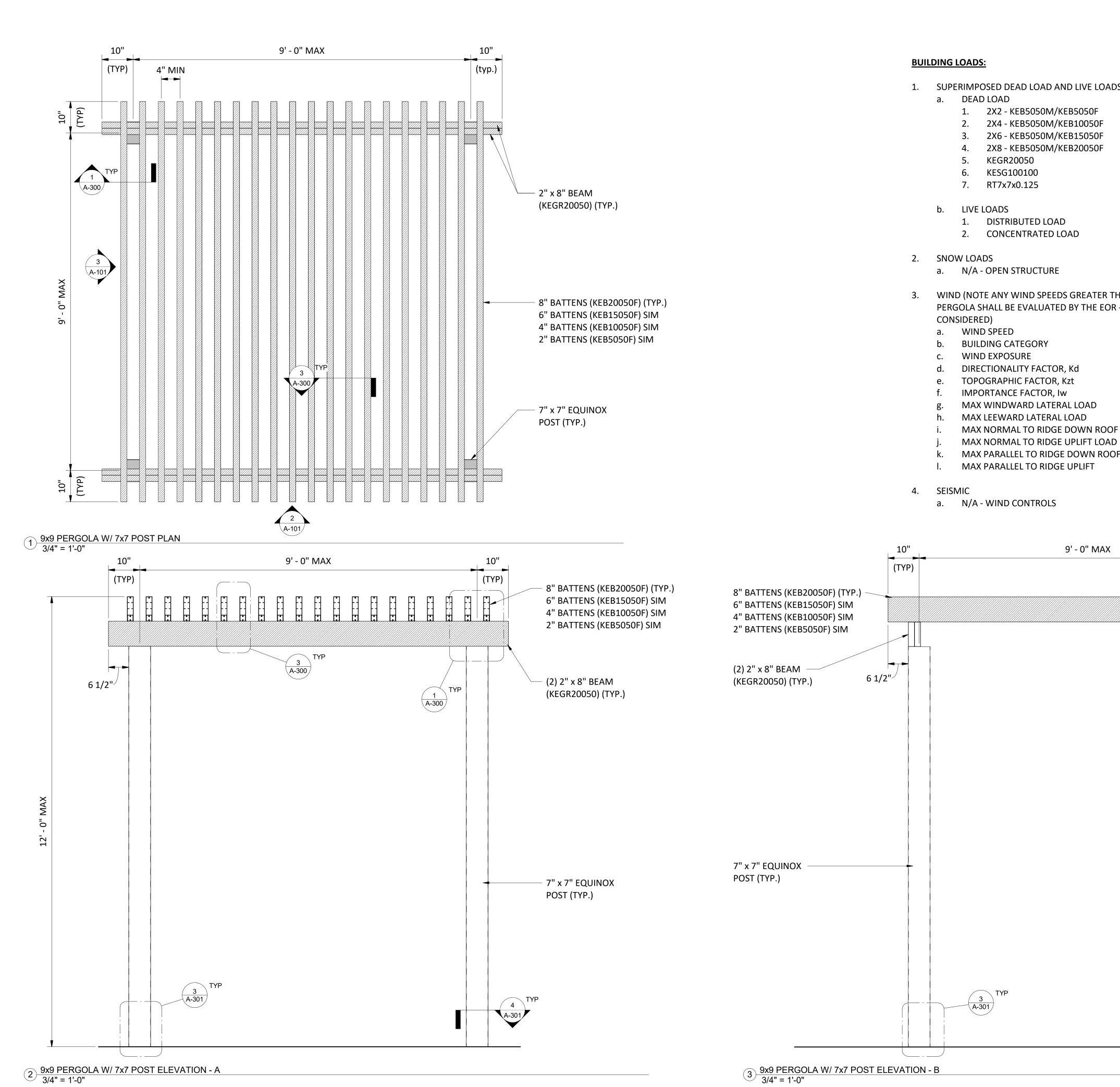


		2000 GEORGETOWN DRIVE, SUITE 101 SEWICKLEY, PA 15143 PHONE: (724)-444-1100 FAX: (724) 444-1104 E-MAIL: STRUCTURES@PVE-LLC.COM
IN PROJECT. CONTR MINIMUM SCREW DI DUNT PER INCH SHAL	AMETER	
IGLE FASTENER 1-800	0-486-1832	
GLE FASTENER 1-800	-486-1832	
IGLE FASTENER 1-800	-486-1832	
	7 7/8" [200]	
KEB20050F		PREPARED FOR: KNOTWOOD [™] Stunning Aluminum 5555 W Roosevelt St
	7 7/8" [200]	Phoenix, AZ 85043 ISSUED FOR:
KEGR20050	2" [50]	ISSUED DATE: 05/15/2024
		PLAN REVISIONS NO. DATE DESCRIPTION
		Image:
RT 7x7x0.125	7" [178] [L []	THE DESIGN CONCEPTS, IDEAS, AND ALL ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF PVE, LLC. THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE PROJECT NOTED ON THIS DOCUMENT. THE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR ANY PURPOSE OTHER THAN SPECIFIED, WITHOUT WRITTEN CONSENT FROM PVE LLC, IS PROHIBITED AND A VIOLATION OF LAW. USE OF THIS DOCUMENT IS WITH FULL RESPONSIBILITY OF ALL INHERENT RERORS OR OMISSIONS. ELECTRONIC COPIES OF THIS DOCUMENT SHALL BE SUBJECT TO THE SAME COPYRIGHT CONDITIONS AS STATED ABOVE. ELECTRONIC MEDIA MAY CONTAIN ERRORS OR SYSTEM INCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MAKES NO GUARANTEES AS TO THE ACCURACY OF THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT. © PVE, LLC. 2023 PROJECT NAME:
		KNOTWOOD - GENERIC PERGOLA SHOP DRAWINGS
		PROJECT LOCATION:
		DRAWING NAME:
		GENERAL NOTES
		SEAL & SIGNATURE PROJECT NO: 202110314 DRAWN BY:
		CHECKED BY:

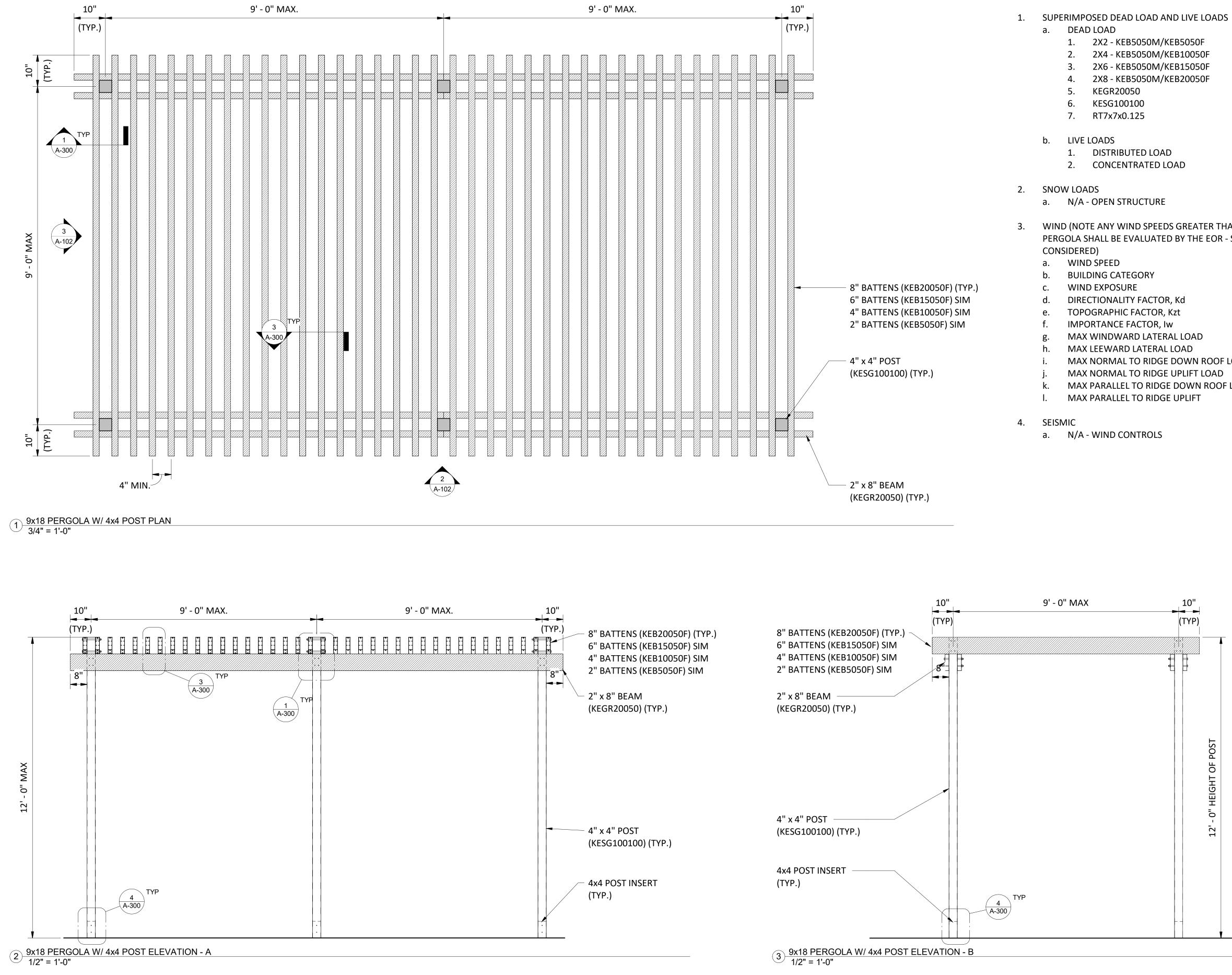
PREPARED BY:



			PRE	PARED BY:	
			2	000 GEORGETOWN DRIVE, S EWICKLEY, PA 15143	UITE 101 PHONE: (724)-444-1100 FAX: (724) 444-1100 FAX: (724) 444-1104 E-MAIL: STRUCTURES@PVE-LLC.COM
DS			1.	CONTRA	AYOUT MAY VARY, THE ACTOR SHALL FIELD VERIFY ENSIONS PRIOR TO
	1.21 PLF 1.93 PLF 2.58 PLF 3.14 PLF 2.66 PLF 2.77 PLF 4.02 PLF				ENCEMENT OF ANY WORK
	5 PSF 200 LBS				
	SE LISTED BELOW AX WIND LOADS				
	180 MPH (ULTIMATE) II D 0.85 1.0 1.0 109 PSF 74 PSF				
LOAD LOAD	74 PSF 75 PSF 68 PSF 50 PSF 50 PSF				
		0" YP)	PRE	55	CNOTWOOD [™] tunning Aluminum ^{55 W Roosevelt St} hoenix, AZ 85043
			ISSU	PED FOR:	100111X, AZ 83043
			ISSU	IED DATE:	05/15/2024
				PL	AN REVISIONS
			NO.	DATE	DESCRIPTION
		HEIGHT OF POST	LLC. TH PROJEC PURPO LAW. U COPIES MEDIA GUARA	IS DOCUMENT HAS BEEN PREPARED T, NOTED ON THIS DOCUMENT. THE SE OTHER THAN SPECIFIED, WITHOU ISE OF THIS DOCUMENT IS WITH FUL OF THIS DOCUMENT SHALL BE SUBJ MAY CONTAIN ERRORS OR SYSTEM	SOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF PVE, SOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF PVE, SOLELY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR ANY T WAITTEN CONSENT FROM PVE LLC, IS PROHIBITED AND A VIOLATION OF L RESPONSIBUTIV OF ALL INHERENT FERRORS OR OMISSIONS. ELECTRONIC ECT TO THE SAME COPYRIGHT CONDITIONS AS STATED ABOVE, ELECTRONIC INCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MAKES NC ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT.
		12' - 0" HE			GENERIC PERGOLA SHOP DRAWINGS
			PRO	JECT LOCATION:	
			DRA		_A W/ 4x4 POST PLAN & ELEVATIONS
			SEA	L & SIGNATURE	PROJECT NO: 202110314 DRAWN BY: CHECKED BY:
					DRAWING NO:



				PREPA	ARED BY:	
				2000	D GEORGETOWN DRIVE, ICKLEY, PA 15143	SUITE 101 PHONE: (724)-444-1100 FAX: (724) 444-1104 E-MAIL: STRUCTURES@PVE-LLC.COM
S				1.	CONTR	AYOUT MAY VARY, THE ACTOR SHALL FIELD VERI /IENSIONS PRIOR TO
	1.21 PLF					ENCEMENT OF ANY WOR
	1.93 PLF 2.58 PLF					
	3.14 PLF 2.66 PLF					
	2.77 PLF 4.02 PLF					
	4.02 T Li					
	5 PSF 200 LBS					
	200 LB3					
	OSE LISTED BELOW AX WIND LOADS					
	180 MPH (ULTIMATE) II					
	D 0.85					
	1.0 1.0					
	109 PSF					
LOAD	74 PSF 75 PSF					
LOAD	68 PSF 50 PSF					
	50 PSF					
		10" (TYP)		PREPA	5	CNOTWOOD [™] Stunning Aluminum 5555 W Roosevelt St Phoenix, AZ 85043
					K	555 W Roosevelt St
				ISSUEI	K	555 W Roosevelt St
				ISSUE	D FOR: D DATE:	5555 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS
				ISSUEI	D FOR:	5555 W Roosevelt St Phoenix, AZ 85043 05/15/2024
				ISSUE	D FOR: D DATE:	5555 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS
				ISSUE	D FOR: D DATE:	5555 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS
		(TYP)		ISSUE	D FOR: D DATE:	5555 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS
		(TYP)	POST	ISSUEI ISSUEI NO.	N CONCEPTS, IDEAS, AND ALL OCUMENT HAS BEEN PREPAR OTED ON THIS DOCUMENT. IT JTHER THAN SPECIFIED, WITH	SS55 W Roosevelt St Phoenix, AZ 85043 O5/15/2024 LAN REVISIONS DESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF CONCUMPTER AND OF THE PERSON(S) NAMED ABOVE AND FOR THE HEREPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR OUT WRITTER CONSENT FROM YOL LLC, IS PROHIBITED AND A VIOLATION
		(TYP)	HT OF POST	ISSUE ISSUE NO.	D FOR: D DATE D DATE D DATE	S555 W Roosevelt St Phoenix, AZ 85043 O5/15/2024 LAN REVISIONS DESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF DS SOLELY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR
		(TYP)	HEIGHT OF POST	ISSUEI ISSUEI NO.	D FOR: D DATE D DATE D DATE	SS55 W Roosevelt St Phoenix, AZ 85043 O5/15/2024 LAN REVISIONS DESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF SOLUTY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIND THE SOLE PROPERTY OF SOLUTY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIND THE SOLE PROPERTY OF SOLUTY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIND THE SOLE PROPERTY OF SOLUTY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIND THE SOLE PROPERTY OF INTERPONSIBILITY OF ALL INHEENT ERRORS OR OMISSIONS. ELECTRO INTO WHAT THE NORSENT FROM YOUL LL, IS POINTONS AS STATED ABOVE. ELECTR IN INCOMPATIBLITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MAKE
		(TYP)	12' - 0" HEIGHT OF POST	ISSUEI ISSUEI NO.	D FOR: D FOR: D DATE: D DATE: P DATE N CONCEPTS, IDEAS, AND ALL OCUMENT HAS BEEN PREPAR OTED ON THIS DOCUMENT. IT JOHRN THAS BEEN PREPA	SS55 W Roosevelt St Phoenix, AZ 85043 O5/15/2024 LAN REVISIONS DESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF SOLUTY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIND THE SOLE PROPERTY OF SOLUTY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIND THE SOLE PROPERTY OF SOLUTY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIND THE SOLE PROPERTY OF SOLUTY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIND THE SOLE PROPERTY OF INTERPONSIBILITY OF ALL INHEENT ERRORS OR OMISSIONS. ELECTRO INTO WHAT THE NORSENT FROM YOUL LL, IS POINTONS AS STATED ABOVE. ELECTR IN INCOMPATIBLITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MAKE
		(TYP)	-0	ISSUEI ISSUEI NO.	D FOR: D FOR: D DATE: D DATE: D DATE: D DATE DATE	SS55 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS DESCRIPTION BESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF SOLEV FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE HE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR OUT WRITTEN CONSENT FROM TYPE LLC, IS PROHIBITED AND A VIOLATION BESCTI TO THE SAME COPYRIGHT CONDITIONS AS STATED ABOVE. ELECTRO MINCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MARE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION DEPICTED HEREIN WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION THE GENERAL WORKABILITY OF THIS DOCUMENT MINCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MARE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION DEPICTED FROM THE DEFENSION OF THE SOLE PROPERTY OF THE PERSON(S) NAMED ABOVE AND FOR THE PERSON(S) NAMED AB
		(TYP)	-0	ISSUEI ISSUEI NO.	D FOR: D FOR: D DATE: D DATE: P DATE N CONCEPTS, IDEAS, AND ALL OCUMENT HAS BEEN PREPAR OTED ON THIS DOCUMENT. IT JOHRN THAS BEEN PREPA	SS55 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS DESCRIPTION BESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF SOLEV FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE HE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR OUT WRITTEN CONSENT FROM TYPE LLC, IS PROHIBITED AND A VIOLATION BESCTI TO THE SAME COPYRIGHT CONDITIONS AS STATED ABOVE. ELECTRO MINCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MARE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION DEPICTED HEREIN WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION THE GENERAL WORKABILITY OF THIS DOCUMENT MINCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MARE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION DEPICTED FROM THE DEFENSION OF THE SOLE PROPERTY OF THE PERSON(S) NAMED ABOVE AND FOR THE PERSON(S) NAMED AB
		(TYP)	-0	ISSUEI ISSUEI NO.	D FOR: D FOR: D DATE: D DATE: D DATE: P DATE NOTEOLOGY CT NAME: NOTWOOD	SS55 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS DESCRIPTION SECRIPTION
		(TYP)	-0	ISSUEI ISSUEI NO.	D FOR: D FOR: D DATE: D DATE: D DATE: P DATE NOTEOLOGY CT NAME: NOTWOOD	SS55 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS DESCRIPTION BESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF SOLEV FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE HE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR OUT WRITTEN CONSENT FROM TYPE LLC, IS PROHIBITED AND A VIOLATION BESCTI TO THE SAME COPYRIGHT CONDITIONS AS STATED ABOVE. ELECTRO MINCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MARE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION DEPICTED HEREIN WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION THE GENERAL WORKABILITY OF THIS DOCUMENT MINCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MARE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION DEPICTED FROM THE DEFENSION OF THE SOLE PROPERTY OF THE PERSON(S) NAMED ABOVE AND FOR THE PERSON(S) NAMED AB
		(TYP)	-0	ISSUE ISSUE NO.	D FOR: D FOR: D DATE: D DATE: D DATE: P DATE NOTEOLOGY CT NAME: NOTWOOD	SS555 W Roosevelt St Phoenix, AZ 85043 O5/15/2024 LAN REVISIONS DESCRIPTION SS00ATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF SOLELY FOR EXPERT OF THE PERSON(S) MAKED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR DUT WHITEN CONSENT FORM PVE LLC, SPROHIBITED AND A VIOLATIO SS00LT ON THE GENERAL WORKABILITY OF THIS DOCUMENT, MAKE HE REPRODUCTION AN THE GENERAL WORKABILITY OF THIS DOCUMENT, MAKE PRODUCT NOL DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT, MAKE ELEVATIONS PROJECT NO: 20211031
		(TYP)	-0	ISSUE ISSUE NO.	I FOR: D FOR: D FOR: D DATE: D DATE: D DATE D DATE	SS555 W Roosevelt St Phoenix, AZ 85043 05/15/2024 LAN REVISIONS DESCRIPTION BESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF CONTRACT ON THE ORDER OF THE PERSONS IN AMED ABOVE AND FOR THE HE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF DED SOLELY FOR BENEFT OF THE PERSONS IN AMED ABOVE AND FOR THE HE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF DUI MUTTENT CONSENT FOOM PULL, IS PROHIBITED AND A VIOLATIO ULL RESPONSIBILITY OF ALL INHERENT ERRORS OR OMISSIONS. ELECTOR HINCOMPATIBULITY OF THE GENERAL WORKABILITY OF THIS DOCUMENT, MAKE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT, MAKE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT, MAKE THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT, MAKE DEPOLIECT ING: DEDUCTOR AND ADD ADD ADD ADD ADD ADD ADD ADD ADD
		(TYP)	-0	ISSUE ISSUE NO.	I FOR: D FOR: D FOR: D DATE: D DATE: D DATE D DATE	SS555 W Roosevelt St Phoenix, AZ 85043 O5/15/2024 LAN REVISIONS DESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF DE SOLEY FOR BENEFT OF THE FRESONS) NAMED ABOVE AND FOR THE RERPORUCTION, ALTERATION, USE 92 AN THIND PARTY, OR USE FOR OUT WRITTEN CONSENT FROM PVE LLC. IS SUBANCE OF THIS DOCUMENT, MARE HE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT ASSOCIATED INFORMATION DEPICTED MEREIN IS THE SOLE PROPERTY OF DUT WRITTEN CONSENT FROM PVE LLC. IS SUBANCE OF THIS DOCUMENT, MARE HE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT NUL RESPONDING S DUTAWINGS DUTAWINGS PROJECT NO: 20211031 DRAWIN BY:
		(TYP)	-0	ISSUE ISSUE NO.	I FOR: D FOR: D FOR: D DATE: D DATE: D DATE D DATE	SS555 W Roosevelt St Phoenix, AZ 85043 O5/15/2024 LAN REVISIONS DESCRIPTION ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF DISOLELY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE REPRODUCTION, ALTERATION, USE BY ANY THED PARTY, OR USE FOR OUT WRITTN CONSENT FROM PVE LLC, SPROHIBITED AND VICATIO SIJECT TO THE SAME COPYRIGHT CONDITIONS AS STATED ABOVE. AUDOR THE REPRODUCTION, ALTERATION, USE BY ANY THED PARTY, OR USE FOR OUT WRITTN CONSENT FROM PVE LLC, SPROHIBITED AND SOLULA AUX LESSONSIBURT OF ALL INHERN TERNOS FOR OMISSIONS. ELECTRO DUT WRITTN CONSENT FROM PVE LLC, SPROHIBITED AND SOLUCION CONSENT FROM PVE LLC, SPROHIBITED AND SOLUCION CONSENT FROM PVE LLC, SPROHIBITED AND SOLUCIONE CONSENT FOR SOLUCION, ALTERATION, USE BY ANY THEOP PARTY, OR USE FOR DUT WRITTN CONSENT FROM PVE LLC, SPROHIBITED AND SOLUCIONE CONSENT FOR SOLUCION, ALTERATION, USE BY ANY THEOP CONDITIONS AS STATED ABOVE, ELECTRO DUT WRITTN CONSENT FROM PVE LLC, SPROHIBITED AND A VICLATION PROJECT NO: 20211031 DRAWN BY: CHECKED BY: CHECKED BY:



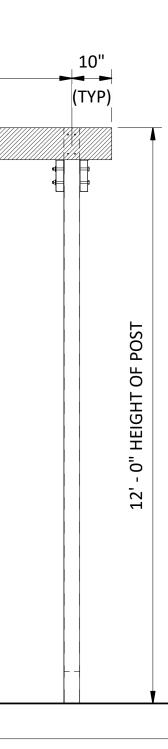
BUILDING LOADS:

B5050M/KEB5050F	1.21 PLF
B5050M/KEB10050F	1.93 PLF
B5050M/KEB15050F	2.58 PLF
B5050M/KEB20050F	3.14 PLF
050	2.66 PLF
0100	2.77 PLF
.125	4.02 PLF

5 PSF 200 LBS

3. WIND (NOTE ANY WIND SPEEDS GREATER THAN THOSE LISTED BELOW PERGOLA SHALL BE EVALUATED BY THE EOR - SEE MAX WIND LOADS

	180 MPH (ULTIMATE)
EGORY	II
IRE	D
TY FACTOR, Kd	0.85
C FACTOR, Kzt	1.0
FACTOR, Iw	1.0
ARD LATERAL LOAD	109 PSF
D LATERAL LOAD	74 PSF
TO RIDGE DOWN ROOF LOAD	75 PSF
. TO RIDGE UPLIFT LOAD	68 PSF
L TO RIDGE DOWN ROOF LOAD	50 PSF
L TO RIDGE UPLIFT	50 PSF

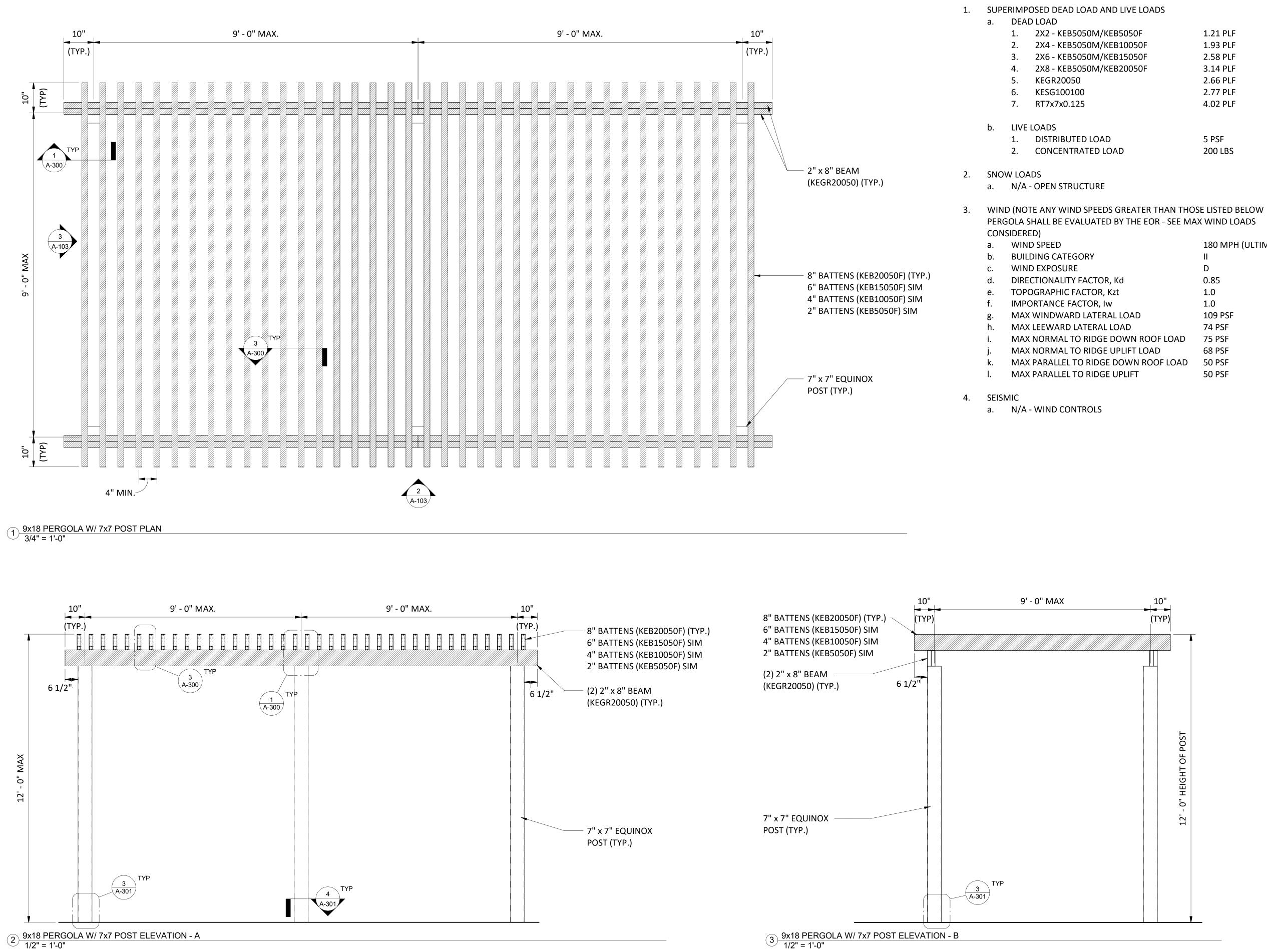


PREP	ARED FOR:				
	55	LUNNOT tunning <i>J</i> 55 W Roosev hoenix, AZ 85	elt St	I D ™ Jm	
ISSUE	ED FOR:				
ISSUE	ED DATE:	05/1	5/2024		
	PL	AN REVIS	IONS		
NO.	DATE		DESCRIPTI	ON	
LLC. THIS PROJECT PURPOSE LAW. USI COPIES C MEDIA M GUARAN	THE DESIGN CONCEPTS, IDEAS, AND ALL ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF PVE, LLC. THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR BENEFIT OF THE PRESON(5) NAMED ABOVE AND FOR THE PROJECT NOTED ON THIS DOCUMENT. THE REPRODUCTION, ALTERATION, USE BY ANY THIND PARTY, OR USE FOR ANY PURPOSE OTHER THAN SPECIFIED, WITHOUT WRITTEN CONSENT FROM PVE LLC, IS PROHIBITED AND A VIOLATION OF LAW. USE OF THIS DOCUMENT IS WITH FULL RESPONSIBILITY OF ALL INHERENT ERRORS OR OMISSIONS. ELECTRONIC COPIES OF THIS DOCUMENT IS WITH FULL RESPONSIBILITY OF ALL INHERENT ERRORS OR OMISSIONS. ELECTRONIC COPIES OF THIS DOCUMENT IS WITH FULL RESPONSIBILITY OF ALL INHERENT ERRORS STATED ABOVE. ELECTRONIC MEDIA MAY CONTAIN ERRORS OR SYSTEM INCOMPATIBILITIES. PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MAKES NO GUARANTEES AS TO THE ACCURACY OF THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT.				
PROJ	PROJECT NAME:				
l k	KNOTWOOD - GENERIC PERGOLA SHOP				
	DRAWINGS				
PROJECT LOCATION:					
DRAV	DRAWING NAME:				
	9x18 PERGOLA W/ 4x4 POST PLAN & ELEVATIONS				
SFAI	& SIGNATURE		PROJECT NO:		
	& SIGNATURE		DRAWN BY:	202110314	
			CHECKED BY:		
			DRAWING NO:		

A-102

PAGE NO:





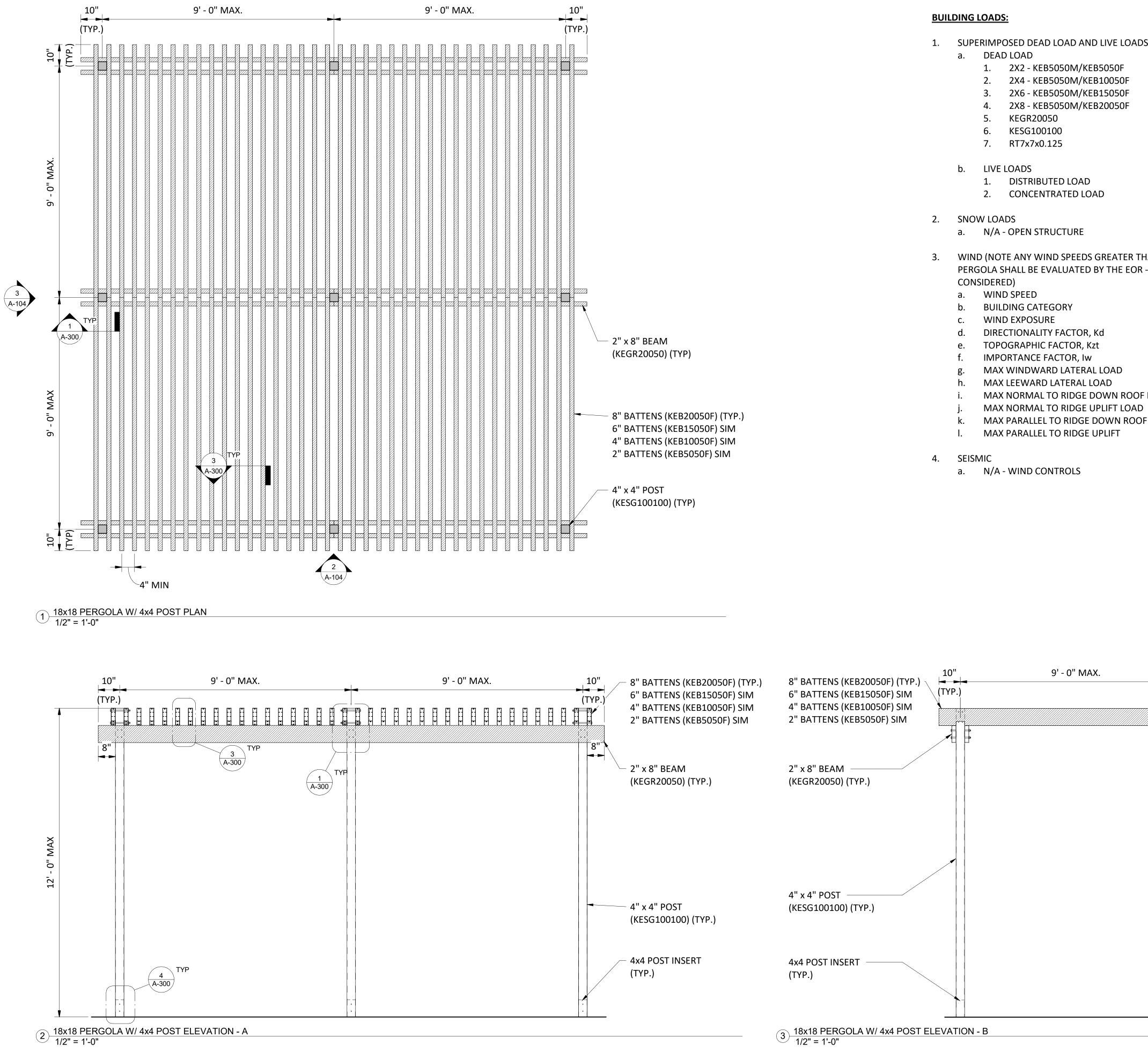
BUILDING LOADS:

50M/KEB5050F	1.21 PLF
050M/KEB10050F	1.93 PLF
050M/KEB15050F	2.58 PLF
50M/KEB20050F	3.14 PLF
	2.66 PLF
0	2.77 PLF
5	4.02 PLF

5 PSF 200 LBS

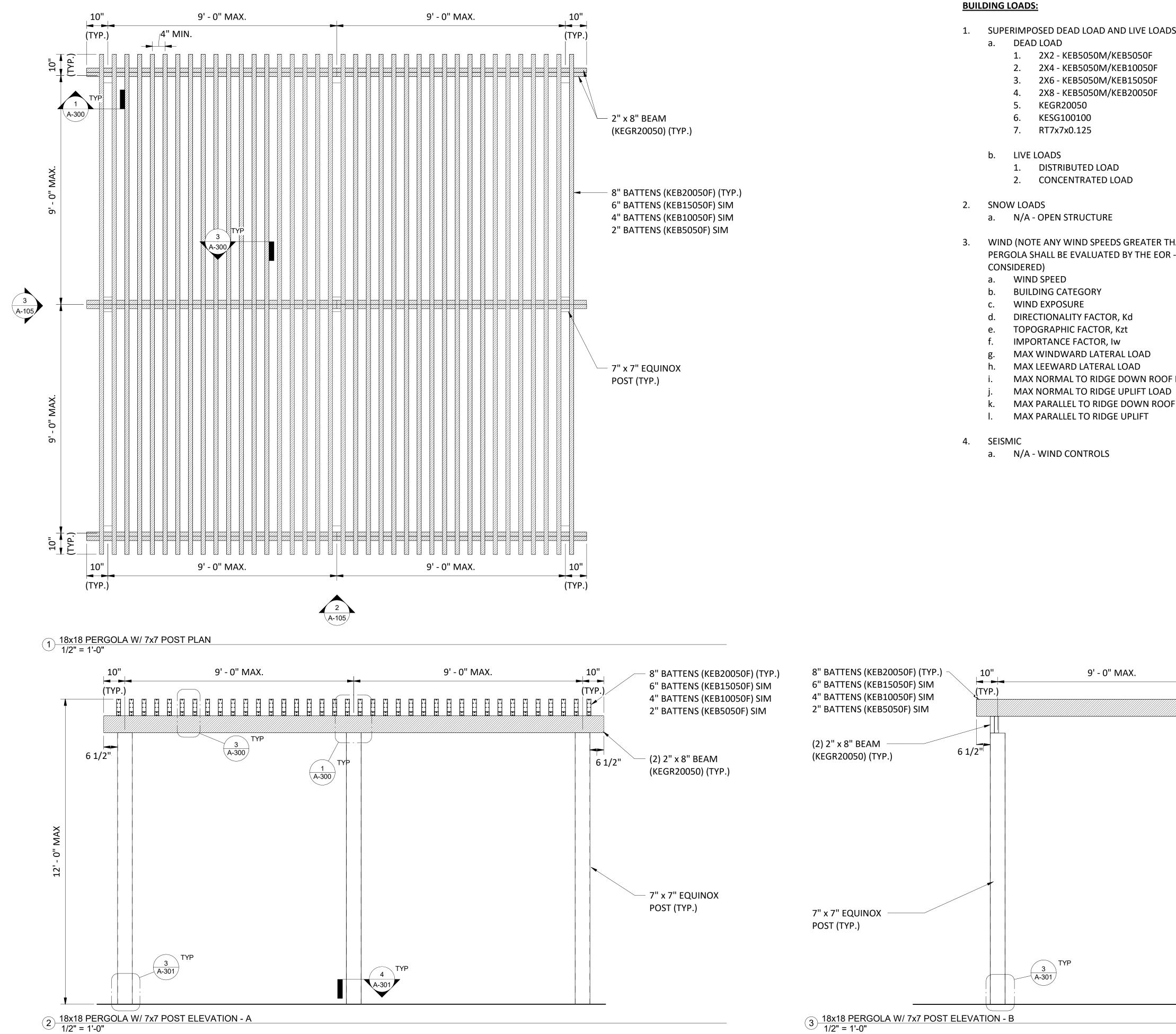
	180 MPH (ULTIMATE)
ORY	II
	D
FACTOR, Kd	0.85
ACTOR, Kzt	1.0
CTOR, Iw	1.0
D LATERAL LOAD	109 PSF
ATERAL LOAD	74 PSF
RIDGE DOWN ROOF LOAD	75 PSF
) RIDGE UPLIFT LOAD	68 PSF
O RIDGE DOWN ROOF LOAD	50 PSF
O RIDGE UPLIFT	50 PSF

	-			
2000	GEORGETOWN DRIVE	E, SUITE 101	PHONE: (724)-444-1100	
SEWI	CKLEY, PA 15143		FAX: (724) 444-1104 E-MAIL: STRUCTURES@PVE-LL	.C.COM
PREPAI	RED FOR:		•ד\\\/∩∩ח™	
PREPA	K	Stunni	TWOOD ng Aluminum	
	K	Stunni 5555 w Ra	DTWOOD	
	K	Stunni 5555 w Ra	DTWOOD ng Aluminum posevelt St	
ISSUED	FOR:	Stunni 5555 W Ro Phoenix,	DTWOOD ng Aluminum posevelt St	
ISSUED	FOR:	Stunni 5555 W Ro Phoenix, C	DTWOOD ng Aluminum posevelt St AZ 85043	
ISSUED	FOR:	Stunni 5555 W Ro Phoenix, C	DTWOOD ng Aluminum posevelt St AZ 85043 95/15/2024 EVISIONS	
ISSUED	FOR:	Stunni 5555 W Ro Phoenix, C	DTWOOD ng Aluminum posevelt St AZ 85043 95/15/2024 EVISIONS	
ISSUED	FOR:	Stunni 5555 W Ro Phoenix, C	DTWOOD ng Aluminum posevelt St AZ 85043 95/15/2024 EVISIONS	
ISSUED	FOR:	Stunni 5555 W Ro Phoenix, C	DTWOOD ng Aluminum posevelt St AZ 85043 95/15/2024 EVISIONS	
ISSUED	CONCEPTS, IDEAS, AND ALL CONCEPTS, IDEAS, AND ALL	Stunni 5555 W Ro Phoenix, C PLAN RE	TWOOD ng Aluminum oosevelt St AZ 85043	ND FOR THE OR USE FOR A VIOLATION
ISSUED	FOR: DATE: DATE: DATE: CONCEPTS, IDEAS, AND ALL CONCEPTS, IDEAS, AND AL	Stunni 5555 W Rc Phoenix, CC PLAN RE	DTWOOD ng Aluminum oosevelt St AZ 85043	ND FOR THE OR USE FOR A VIOLATION S. ELECTROM OVE. ELECTR MENT, MAKE
ISSUED	FOR: DATE: DATE: DATE: CONCEPTS, IDEAS, AND ALL CONCEPTS, IDEAS, AND AL	Stunni 5555 W Rc Phoenix, CC PLAN RE	Comparison of the person of the state of the second person p	ND FOR THE OR USE FOR A VIOLATION S. ELECTRON OVE. ELECTRON MENT, MAKE
ISSUED	FOR: DATE: DATE: DATE: DATE DATE	Stunni 5555 W Ro Phoenix, C PLAN RE LASSOCIATED INFO RED SOLELY FOR BE THE REPRODUCTION HOLL RESPONSIBILI UNDECT TO THE SAI EM INCOMPATIBILI THE ELECTRONIC C	A Contraction of the person (s) named a body and the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction.	ND FOR THE OR USE FOR A VIOLATION VS. ELECTRON OVE. ELECTR MENT, MAKE IIS DOCUMEN
ISSUED	FOR: DATE: DATE: DATE: DATE DATE	Stunni 5555 W Ro Phoenix, C PLAN RE LASSOCIATED INFO RED SOLELY FOR BE THE REPRODUCTION HOLL RESPONSIBILI UNDECT TO THE SAI EM INCOMPATIBILI THE ELECTRONIC C	COMPARISH CONDITIONS AS STATE DAB THE GENERAL WORKABILITY OF TH	ND FOR THE OR USE FOR A VIOLATION VS. ELECTRON OVE. ELECTR MENT, MAKE IIS DOCUMEN
ISSUED	FOR: DATE: DATE: DATE: DATE DATE	Stunni 5555 W Ro Phoenix, C PLAN RE LASSOCIATED INFO RED SOLELY FOR BE THE REPRODUCTION HOLL RESPONSIBILI UNDECT TO THE SAI EM INCOMPATIBILI THE ELECTRONIC C	A Contraction of the person (s) named a body and the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction.	ND FOR THE OR USE FOR A VIOLATION VS. ELECTRON OVE. ELECTR MENT, MAKE IIS DOCUMEI
ISSUED	FOR: DATE: DATE: DATE: F DATE DATE CONCEPTS, IDEAS, AND ALL COMENT HAS BEEN PREPAR DATE CONCEPTS, IDEAS, AND ALL COMENT HAS BEEN PREPAR CONCEPTS, IDEAS, AND ALL COMENT HAS BEEN PREPAR CONCEPTS, IDEAS, AND ALL CONCEPTS, ID	Stunni 5555 W Ro Phoenix, C PLAN RE LASSOCIATED INFO RED SOLELY FOR BE THE REPRODUCTION HOLL RESPONSIBILI UNDECT TO THE SAI EM INCOMPATIBILI THE ELECTRONIC C	A Contraction of the person (s) named a body and the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction.	ND FOR THE OR USE FOR A VIOLATION VS. ELECTRON OVE. ELECTR MENT, MAKE IIS DOCUMEI
ISSUED	FOR: DATE: DATE: DATE: DATE DATE DATE DATE DATE DATE DATE DATE	Stunni 5555 W Rc Phoenix, C C PLAN RE LASSOCIATED INFO RED SOLELY FOR BE THE REPRODUCTION FULL RESPONSIBILI UBJECT TO THE SALE INFORMATION CO FULL RESPONSIBILI UBJECT TO THE SALE INFORMATION CO C D - GENIE DRAV	A Conservent St Az 85043	ND FOR THE OR USE FOR A VIOLATION SS. ELECTRON OVE. ELECTRON OVE. ELECTRON HIST, MAKE HIS DOCUMEN
ISSUED	FOR: DATE: DATE: DATE: DATE DATE DATE DATE DATE DATE DATE DATE	Stunni 5555 W Rc Phoenix, C PLAN RE LAN RE LASSOCIATED INFO RED SOLELY FOR BE LASSOCIATED INFO RED SOLELY FOR BE DEN SOLATED INFO RED SOLELY FOR BE DEN SOLELY F	A Contraction of the person (s) named a body and the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction of the general workability of the second at a contraction.	ND FOR THE OR USE FOR A VIOLATION SS. ELECTRON OVE. ELECTRON OVE. ELECTRON HIST, MAKE HIS DOCUMEN
ISSUED	FOR: DATE: DATE: DATE: DATE DATE DATE DATE DATE DATE DATE DATE	Stunni 5555 W Rc Phoenix, C PLAN RE LAN RE LASSOCIATED INFO RED SOLELY FOR BE LASSOCIATED INFO RED SOLELY FOR BE DEN SOLATED INFO RED SOLELY FOR BE DEN SOLELY F	A Correct No. Control of the person of the sole pe	ND FOR THE OR USE FOR A VIOLATION SS. ELECTRON OVE. ELECTRON OVE. ELECTRON HOOP
ISSUED	FOR: DATE: DATE: DATE: DATE DATE DATE DATE DATE DATE DATE DATE	Stunni 5555 W Rc Phoenix, C PLAN RE LAN RE LASSOCIATED INFO RED SOLELY FOR BE LASSOCIATED INFO RED SOLELY FOR BE DEN SOLATED INFO RED SOLELY FOR BE DEN SOLELY F	A Contraction of the person of the sole of	ND FOR THE OR USE FOR A VIOLATION SS. ELECTRON OVE. ELECTRON OVE. ELECTRON HIST, MAKE HIS DOCUMEN
ISSUED	FOR: DATE: DATE: DATE: DATE DATE DATE DATE DATE DATE DATE DATE	Stunni 5555 W Rc Phoenix, C PLAN RE LAN RE LASSOCIATED INFO RED SOLELY FOR BE LASSOCIATED INFO RED SOLELY FOR BE DEN SOLATED INFO RED SOLELY FOR BE DEN SOLELY F	A Constrained by the second se	ND FOR THE OR USE FOR A VIOLATION SS. ELECTRON OVE. ELECTRON OVE. ELECTRON HOOP
ISSUED	FOR: DATE: DATE: DATE: DATE DATE DATE DATE DATE DATE DATE DATE	Stunni 5555 W Rc Phoenix, C PLAN RE LAN RE LASSOCIATED INFO RED SOLELY FOR BE LASSOCIATED INFO RED SOLELY FOR BE DEN SOLATED INFO RED SOLELY FOR BE DEN SOLELY F	A Contraction of the person of the sole of	HOP FOR THE OR USE FOR A VIOLATION SS. ELECTRO OVE. ELECTRO WENT, MAKE HIS DOCUME



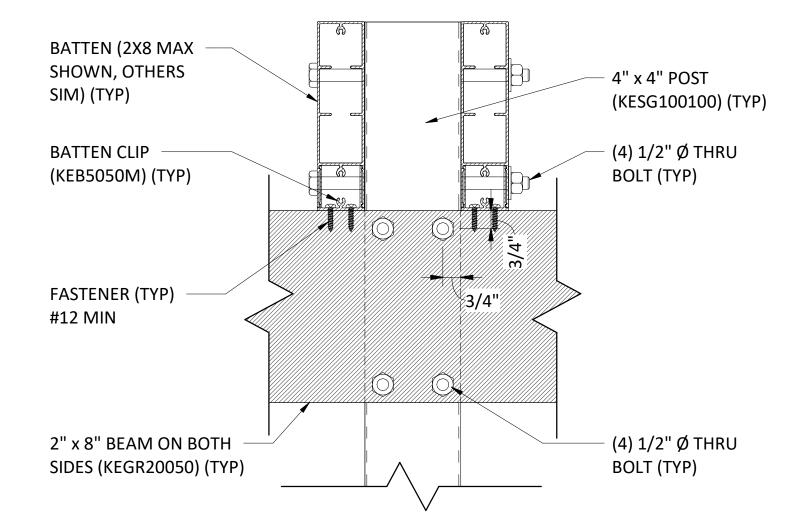
		GEORGETOWN DRIVE, S KLEY, PA 15143	FAX	DNE: (724)-444-1100 6: (724) 444-1104 IAIL: STRUCTURES@PVE-LLC.COM
S 1.21 PLF 1.93 PLF 2.58 PLF 3.14 PLF 2.66 PLF 2.77 PLF 4.02 PLF				
5 PSF 200 LBS				
HAN THOSE LISTED BELOW - SEE MAX WIND LOADS				
180 MPH (ULTIMATE) II D 0.85 1.0 1.0 109 PSF 74 PSF 74 PSF 68 PSF 68 PSF 50 PSF 50 PSF	PREPAR	55	CNOT Stunning	
	ISSUED			
_	ISSUED		05/1 AN REVIS	.5/2024 SIONS
9' - 0" MAX. 10"	NO.	DATE		DESCRIPTION
(LLC. THIS DOC PROJECT NOT PURPOSE OT TH MEDIA MAY. USE OF COPIES OF TH MEDIA MAY. GUARANTEES © PVE, LLC. 2 PROJECC KN PROJECC DRAWII	CUMENT HAS BEEN PREPARE TED ON THIS DOCUMENT. THE HER THAN SPECIFIED, WITHOU HIS DOCUMENT IS WITH FU HIS DOCUMENT IS WITH FU HIS DOCUMENT SHALL BE SUB CONTAIN ERRORS OR SYSTEM TO THE ACCURACY OF THE TO THE ACCURACY	D SOLELY FOR BENEFT OF E REPRODUCTION, ALTER UT WRITTEN CONSENT FR ILL RESPONSIBILITY OF ALL USECT TO THE SAME COPY IN INCOMPATBILITIES. PVE HE ELECTRONIC DATA OR DRAWIN	X4 POST PLAN & DNS PROJECT NO: 202110314 DRAWN BY: CHECKED BY: DRAWING NO:
				A-104

PREPARED BY:

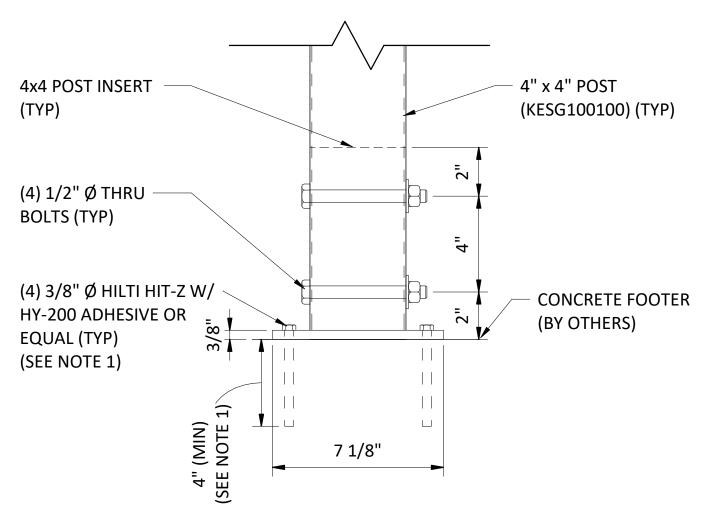


		2000 GEORGETOWN DRIVE, SUITE 101 SEWICKLEY, PA 15143 PHONE: (724)-444-1100 FAX: (724) 444-1104 E-MAIL: STRUCTURES@PVE-LLC.COM
S	1.21 PLF 1.93 PLF 2.58 PLF 3.14 PLF 2.66 PLF 2.77 PLF 4.02 PLF	
	200 LBS	
	E LISTED BELOW (WIND LOADS	
LOAD F LOAD	180 MPH (ULTIMATE) II D 0.85 1.0 1.0 109 PSF 74 PSF 75 PSF 68 PSF 50 PSF 50 PSF	
		PREPARED FOR: KNOTWOOD Stunning Aluminum 5555 W Roosevelt St Phoenix, AZ 85043 ISSUED FOR:
		ISSUED DATE: 05/15/2024
		PLAN REVISIONS
		NO. DATE DESCRIPTION
	9' - 0" MAX. 10"	
	(TYP.)	
	LI LSO JO LT LSO	THE DESIGN CONCEPTS, IDEAS, AND ALL ASSOCIATED INFORMATION DEPICTED HEREIN IS THE SOLE PROPERTY OF PVE, LLC. THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR BENEFIT OF THE PERSON(S) NAMED ABOVE AND FOR THE PROJECT NOTED ON THIS DOCUMENT. THE REPRODUCTION, ALTERATION, USE BY ANY THIRD PARTY, OR USE FOR ANY PURPOSE OTHER THAN SPECIFIED, WITHOUT WRITTEN CONSENT FROM PVE LLC, IS PROHIBITED AND A VIOLATION OF LAW. USE OF THIS DOCUMENT IS WITH FOUL RESPONSIBILITY OF ALL INHERENT FERRORS OR OMISSIONS. ELECTRONIC COPIES OF THIS DOCUMENT IS WITH FOUL RESPONSIBILITY OF ALL INHERENT FERRORS OR OMISSIONS. ELECTRONIC MEDIA MAY CONTAIN ERRORS OR SYSTEM INCOMPATIBILITIES, PVE, LLC. IN ISSUANCE OF THIS DOCUMENT, MAKES NO GUARANTEES AS TO THE ACCURACY OF THE ELECTRONIC DATA OR THE GENERAL WORKABILITY OF THIS DOCUMENT. 0 PVE, LLC. 2023 PROJECT NAME: KNOTWOODD - GENERIC PERGOLA SHOP DRAWINGS
	0, HEIGH	PROJECT LOCATION:
	12'- 0	DRAWING NAME: 18x18 PERGOLA W/ 7x7 POST PLAN & ELEVATIONS
		SEAL & SIGNATURE PROJECT NO: 202110314 DRAWN BY:
		DRAWING NO: A-105 PAGE NO:

PREPARED BY:

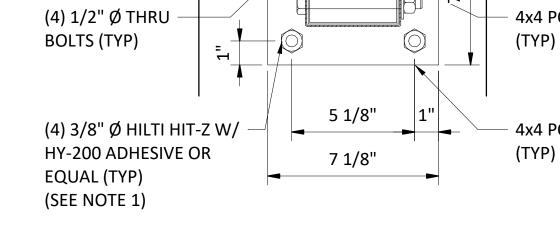


1 BEAM TO 4x4 POST CONNECTION DETAIL 3" = 1'-0"



4 4x4 POST CONNECTION DETAIL 3" = 1'-0"

5 4x4 POST CONNECTION PLATE DETAIL 3" = 1'-0"



 \bigcirc

MIN VOTE 1)

6" N

- 4x4 POST INSERT (TYP) - 4x4 POST BASEPLATE

- 4" x 4" POST

(KESG100100) (TYP)

12" DIA. (MIN) CONCRETE FOOTER

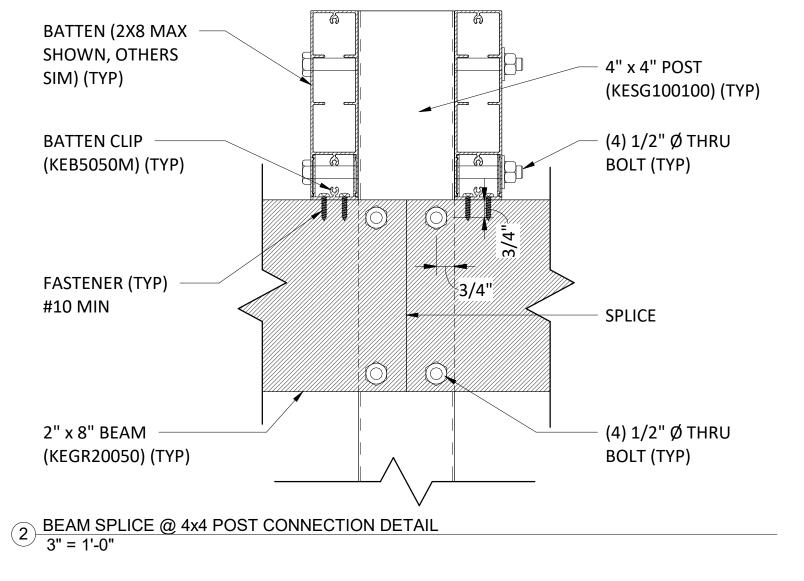
POST (TYP)

(2) #3 TIES @ 3" SPACING (TYP)

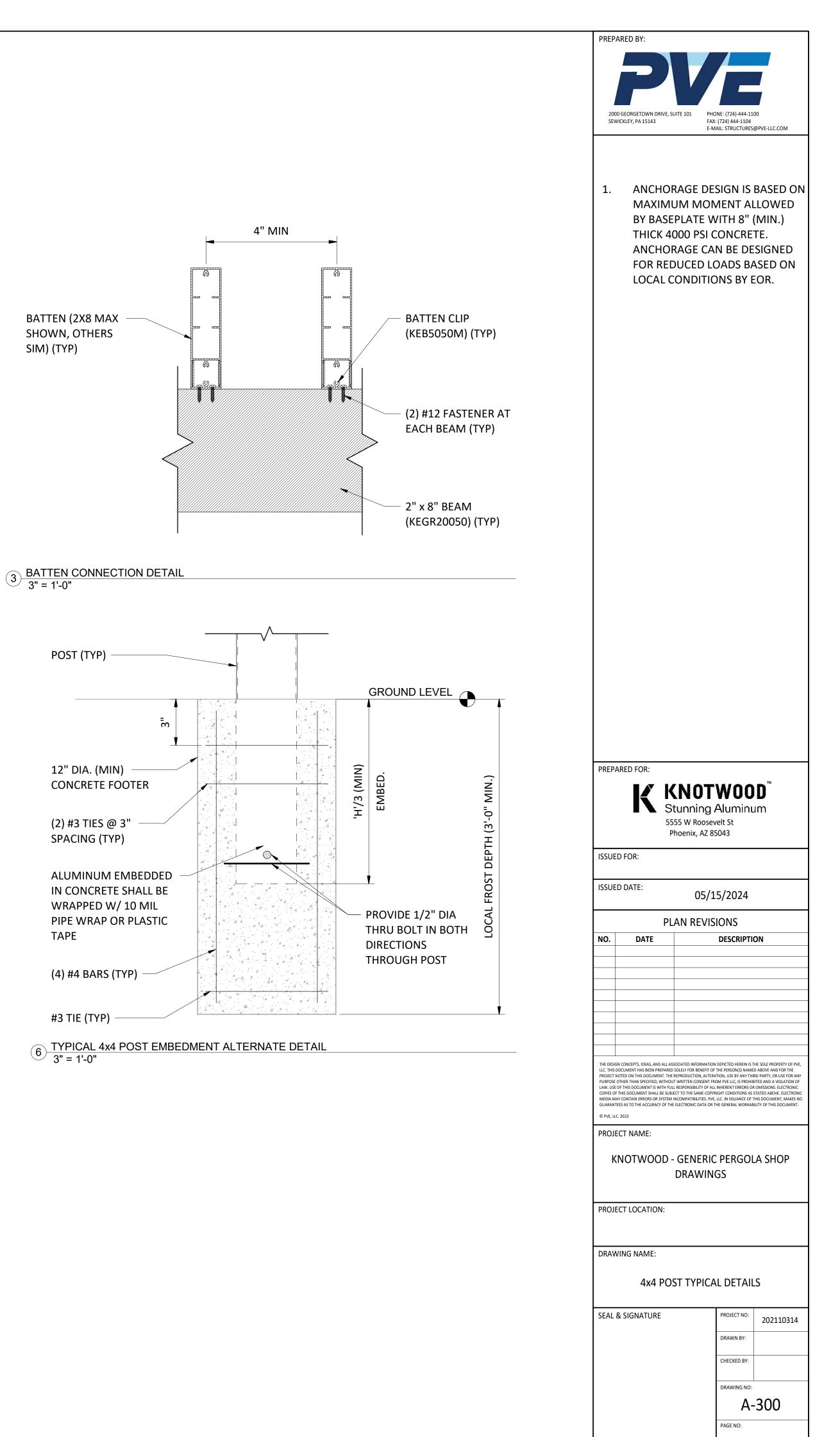
ALUMINUM EMBEDDED IN CONCRETE SHALL BE WRAPPED W/ 10 MIL PIPE WRAP OR PLASTIC TAPE

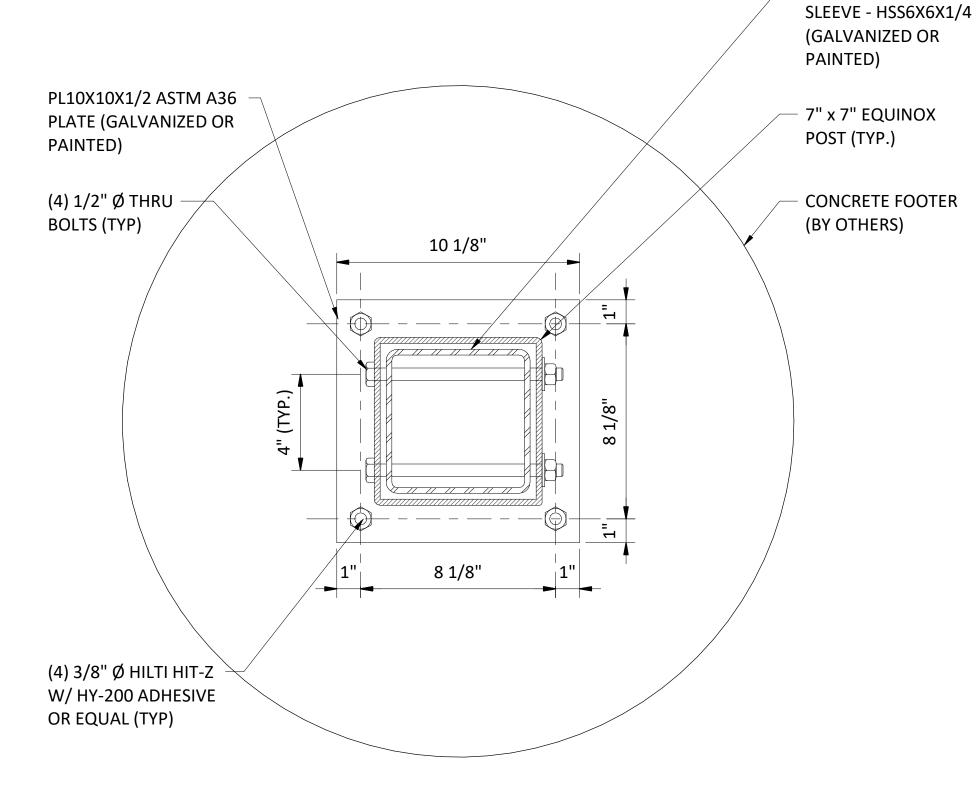
(4) #4 BARS (TYP)

#3 TIE (TYP)



BATTEN (2X8 MAX SHOWN, OTHERS SIM) (TYP)

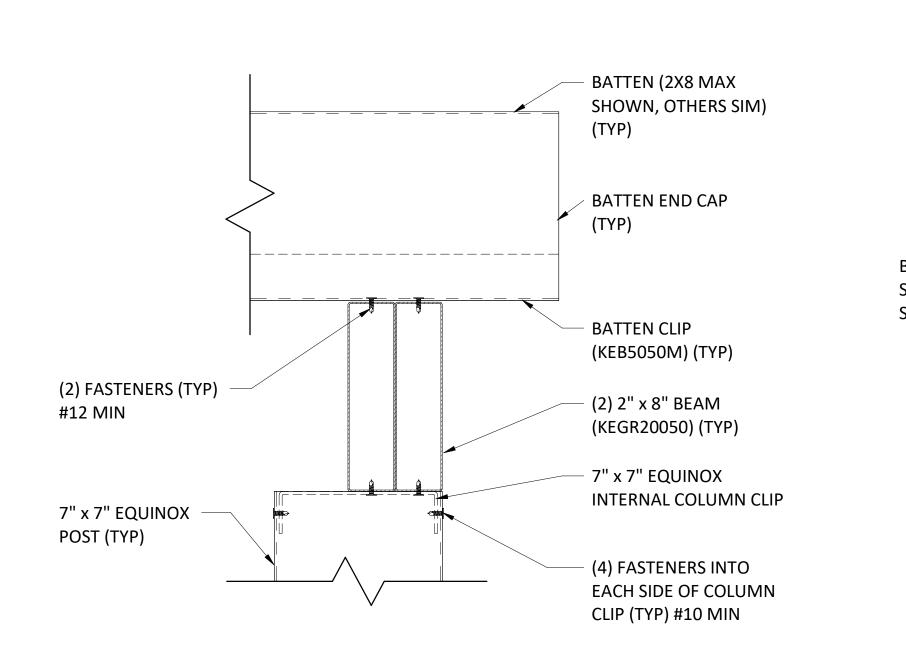




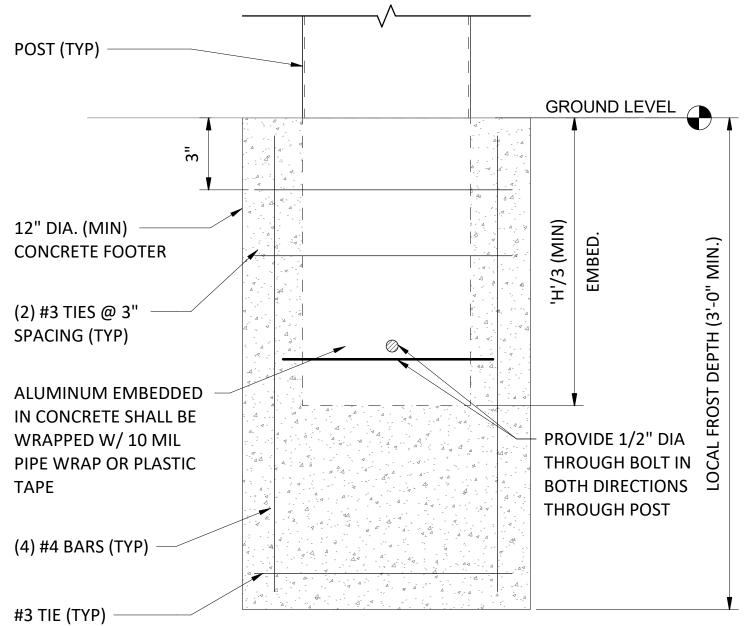
1 BEAM TO 7x7 POST CONNECTION DETAIL 3" = 1'-0"

4 7x7 POST CONNECTION PLATE DETAIL 3" = 1'-0"

EQUINOX POST



5 TYPICAL 7x7 POST EMBEDMENT ALTERNATE DETAIL 3" = 1'-0"



2 BATTEN CONNECTION DETAIL 3" = 1'-0"

