NOTES:

ARE NOT ILLUSTRATED HEREIN.

KE DURASOL GENNIUS PERGOLA SYSTEM WITH RETRACTABLE FABRIC SHALL BE INSTALLED

PERGOLA FABRIC SHALL BE RETRACTED PRIOR TO HIGH WIND EVENTS (WIND 40MPH+) AS OUTLINED HEREIN.

THE AWNING OWNER SHALL BE NOTIFIED OF THESE CONDITIONS BY THE PERMIT HOLDER. USE OF THIS PLAN BY

REFER TO AFOREMENTIONED MANUFACTURER ISSUED ASSEMBLY MANUAL FOR ALL CONNECTION DETAILS THAT

THE CONTRACTOR CONSENTS TO WRITTEN NOTIFICATION TO THE END USER THE TERMS LISTED HEREIN.

PERGULA FABRIC SHALL BE RETRACTED PRIOR TO THOS WIND LIVERIS (WIND TO THE FORT TO BE RETRACTED DURING ALL TIMES OF SNOW, ICE, AND FREEZING RAIN
 PERGOLA FABRIC AND MECHANICAL CERTIFICATION IS BEYOND THE SCOPE OF THIS CERTIFICATION

KE DURASOL GENNIUS PERGOLA SYSTEMS

GENNIUS PERGOLA SYSTEM MASTER PLAN L1S MODEL

COPIES NOT VALID FOR PERMIT

DESIGN NOTES:

ALLOWABLE DESIGN PRESSURES FOR CANOPY ARE TO BE BE AS LISTED IN DESIGN SCHEDULES HEREIN. FOR ALI INSTALLATION CONDITIONS, FABRIC ROOF IS TO BE RETRACTED WHEN WIND SPEEDS REACH 40+ MPH. PER THIS DOCUMENT, SITE SPECIFIC CONDITIONS ARE NOT TO EXCEED 130 MPH WIND SPEEDS, EXPOSURE C (WITHIN 1000 FT OF COASTLINE), OR RISK CATEGORY 1. IF THESE CONDITIONS ARE EXCEEDED, ADDITIONAL ENGINEERING MAY BE REQUIRED

THE CONTRACTOR SHALL CONTACT THE AUTHORITY HAVING JURISDICTION TO ENSURE APPROPRIATE CRITERIA TO BE USED BEFORE CONSTRUCTION BEGINS.

DESIGN DEAD LOAD = 2 PSF

DESIGN LIVE LOAD = 0 PSF (WIND LOADING ONLY CONSIDERED - SEE DESIGN SCHEDULES)

GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 7TH EDITION (2020). ALSO APPLICABLE FOR THE FBC 6TH EDITION (2017), IBC/IRC (2015 & 2018), AS WELL AS CURRENT VERSIONS OF THE MN, NC, NJ, NY, OH, SC, & VA BUILDING CODES AS APPLICABLE. CODE ENFORCED COMPLIES WITH STATE OF SEAL AND IF MULTIPLE VERSIONS ARE LISTED THEN MOST STRINGENT APPLIES. DESIGN SHALL UTILIZE ASD DESIGN METHOD USING ASCE 7-16 OR ASCE 7-10 CODES FOR SITE SPECIFIC APPLICATIONS AS APPLICABLE. DESIGN CRITERIA OR SPANS BEYOND STATED HEREIN MAY REQUIRE ADDITIONAL SITE SPECIFIC SEALED ENGINEERING.

PRODUCT APPROVED FOR USE IN SEISMIC DESIGN CATEGORY A-B PER REQUIREMENTS OF ASCE 7-16 AND CALIFORNIA BUILDING CODE 2019. FOR SEISMIC DESIGN CATEGORY C-F AND ANY CONCRETE CONNECTIONS, ADDITIONAL REVIEW BY THIRD-PARTY ENGINEERS IS REQUIRED FOR THE VALIDITY OF THE DESIGN.

3. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.

4. THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING

THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.

THE CONTRACTOR SHALL CAREFULLY CONSIDER POSSIBLE IMPOSING LOADS ON ROOF, INCLUDING BUT NOT LIMITED TO ANY CONCENTRATED LOADS WHICH MAY JUSTIFY GREATER DESIGN CRITERIA. THIS ADDITIONAL ROOF LOAD CRITERIA SHALL BE PROPERLY ANALYZED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.

7. FABRIC AND FABRIC ATTACHMENT/SLIDING SYSTEM AND OPERABILITY ARE OUTSIDE THE SCOPE OF THIS CERTIFICATION.

ALL FASTENERS TO BE #14 OR GREATER SAE GRADE 5 UNLESS NOTED OTHERWISE, FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION 5.2.1 BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.

FOR ALUMINUM MEMBERS ALL ANCHORS SHALL BE SPACED WITH 2xDIAMETER END DISTANCE AND 2.5xDIAMETER MIN. SPACING TO ADJACENT ANCHORS, UNLESS NOTED OTHERWISE.

10. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS. MINIMUM EMBEDMENT SHALL BE AS NOTED HEREIN. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.

11. ALL CONCRETE ANCHORS SHALL BE INSTALLED TO NON-CRACKED CONCRETE ONLY.

12. WOOD HOST STRUCTURE & ALL WOOD MEMBERS SHALL BE "SOUTHERN YELLOW PINE" G=0.55 OR GREATER DENSITY.

13. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS, I.E. ALUMINUM PER THE CODES AND STANDARDS STATED HEREIN

14. ALL ALUMINUM SHALL BE 6061-T6 ALLOY AND TEMPER UNLESS NOTED OTHERWISE.

15. ALL CONCRETE AND EPOXY TO REACH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 7 DAYS.

16. THIS SYSTEM IS ONLY APPROVED FOR FROST PROTECTION WHEN THE TOTAL AREA OF THE STRUCTURE DES NOT EXCEED 600 SQUARE FEET WITH AN EAVE HEIGHT OF 10 FEET OR LESS, PER IBC 403. FOR USE WITH ANY OTHER CONFIGURATION REQUIRING FROST CERTIFICATION, THIS ENGINEER SHALL BE CONTACTED FOR FURTHER DESIGN CRITERIA. THIS SYSTEM HAS NOT BEEN DESIGNED FOR USE WITH FROZEN SOILS OR FILL. ANY FILL PLACED FOR FOUNDATION SUPPORT WITH THIS DESIGN SHALL BE PROTECTED AGAINST FREEZING TEMPERATURES BY OTHERS. PROPER PRECAUTIONS SHALL ALSO BE TAKEN TO PREVENT FROST PENETRATION BENEATH THE FOUNDATIONS FOLLOWING CONSTRUCTION WHICH IS OUTSIDE THE SCOPE OF THIS DOCUMENT CERTIFICATION.

17. ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.

18. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.

19. ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.

VISIT ECALC.IO/35091

FOR ENGINEER CERTIFIED ORIGINALS & MORE INFORMATION ABOUT THIS DOCUMENT OR SCAN THIS QR CODE

VISIT ENGINEERINGEXPRESS.COM/STORE FOR ADDITIONAL PLANS, REPORTS & RESOURCES



E VERIFIED BY ELECTRONIC MEAN

OES NOTCONTAIN AN ENGINEER'S RIGINAL SIGNATURE & SEAL, THE OCUMENT IS VOID & NOT VALID SE. PHOTOCOPIES ARE NOT ERMITTED FOR USE.

: OFFICE: E, SUITE 106 CH, FL 33442 866) 396-999

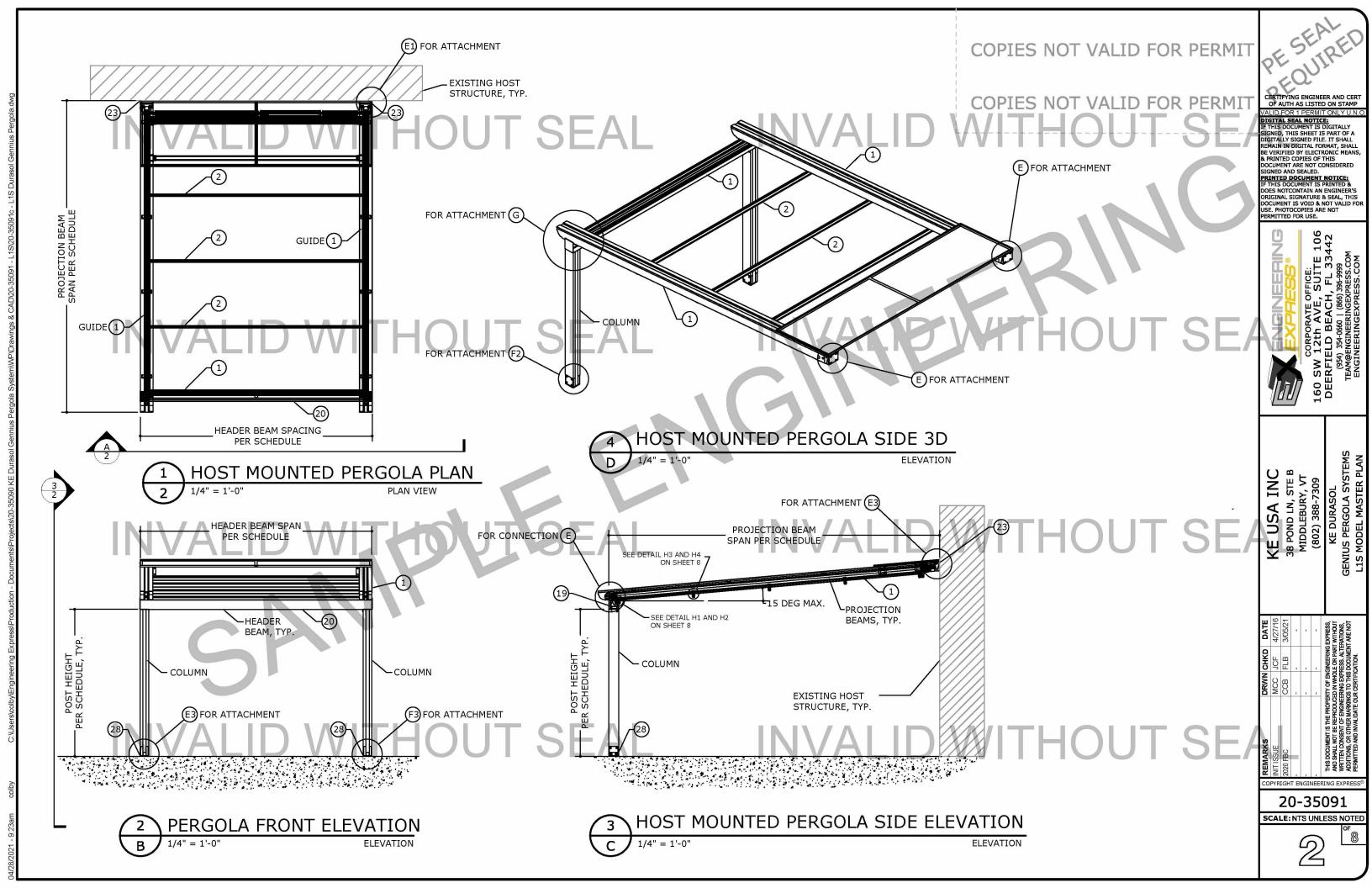
INC STE B

ž

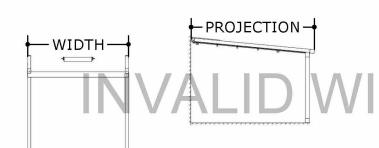
PYRIGHT ENGINEERING EXPRES

20-35091 SCALE: NTS UNLESS NOTED

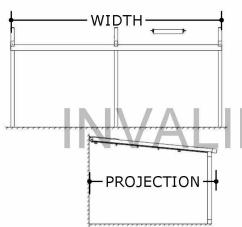




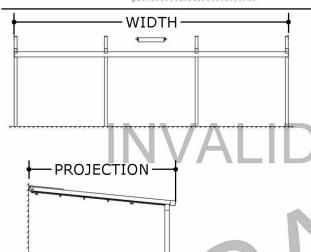
HOST MOUNTED CANOPY - ALLOWABLE WIND PRESSURE SCHEDULES



	99		e was not come have	or their time desired					
SCHEDULE 3: 3 GUIDES (2 BAYS)									
ALLOWABLE WIND PRESSURE (ASD) - PSF									
PROJECTION	TOTAL WIDTH								
	16'5"	18'1"	19'8"	21'4"	23'0"	24'7"			
8'2"	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF			
9'10"	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF			
11'6"	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF			
13'1"	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF			
14'9"	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF			
16'5"	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF			
18'1"	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF			
19'8"	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF	± 2 PSF			



SCHEDULE 3: 3 GUIDES (2 BAYS)											
ALLOWABLE WIND PRESSURE (ASD) - PSF											
PROJECTION	TOTAL WIDTH										
	16' 5"	18' 1"	19' 8"	21' 4"	23' 0"	24' 7"	26' 3"	27' 10"	29' 6"		
8'2"	±8 PSF	± 8 PSF	± 8 PSF	± 8 PSF	± 8 PSF	± 7 PSF	± 7 PSF	± 6 PSF	± 6 PSF		
9'10"	± 7 PSF	± 7 PSF	± 7 PSF	± 7 PSF	± 6 PSF	± 6 PSF	± 6 PSF	± 5 PSF	± 5 PSF		
11'6"	± 6 PSF	± 6 PSF	± 6 PSF	± 6 PSF	± 5 PSF	± 5 PSF	± 5 PSF	± 4 PSF	± 4 PSF		
13'1"	± 6 PSF	± 6 PSF	± 5 PSF	± 5 PSF	± 5 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF		
14'9"	± 5 PSF	± 5 PSF	± 5 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 3 PSF	± 3 PSF		
16'5"	± 5 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF		
18'1"	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 2 PSF		
19'8"	± 4 PSF	± 4 PSF	± 4 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 2 PSF	± 2 PSF		



								1		
SCHEDULE 4: 4 GUIDES (3 BAYS)										
ALLOWABLE WIND PRESSURE (ASD) - PSF										
PROJECTION	TOTAL WIDTH									
	31' 2"	32' 9"	34' 5"	36' 1"	37' 8"	39' 4"	41' 0"	42' 8"		
8'2"	± 9 PSF	± 8 PSF	±8 PSF	± 7 PSF	± 7 PSF	± 7 PSF	± 6 PSF	± 6 PSF		
9'10"	± 7 PSF	± 7 PSF	± 6 PSF	± 6 PSF	± 6 PSF	± 6 PSF	± 5 PSF	± 5 PSF		
11'6"	± 6 PSF	± 6 PSF	± 5 PSF	± 5 PSF	± 5 PSF	± 5 PSF	± 4 PSF	± 4 PSF		
13'1"	± 5 PSF	± 5 PSF	± 5 PSF	± 4 PSF						
14'9"	± 5 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 4 PSF	± 3 PSF	± 3 PSF		
16'5"	± 4 PSF	± 4 PSF	± 4 PSF	± 3 PSF						
18'1"	± 4 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF		
19'8"	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 3 PSF	± 2 PSF	± 2 PSF		

LOCAT	ION	HOST STRUCTURE	DESIGNATION	DESCRIPTION	QUANTITY
WAL BRACKE HOS	T TO	3000 PSI CONCRETE	ANCHOR TYPE #1	DEWALT SCREW BOLT 3/8" DIAMETER CARBON STEEL W/ 2.5" EMBEDMENT INTO HOST, 3.3" SPACING, 6" EDGE DISTANCE	4
WAL BRACKE HOS	T TO	3000 PSI CONCRETE	ANCHOR TYPE #2	HILTI KWIK-BOLT 3 ANCHOR. 3/8" DIAMETER CARBON STEEL W/ 2" EMBEDMENT INTO HOST, 3.3" SPACING, 6" EDGE DISTANCE	4
WAL BRACKE HOS	T TO	WOOD #2 SYP (G=0.55)	ANCHOR TYPE #3	STAINLESS STEEL 3/8" DIAMETER WOOD LAG SCREW W/ 2.8" THREAD PENETRATION, 2" EDGE DISTANCE	4
LOCAT	ION	HOST STRUCTURE	DESIGNATION	DESCRIPTION	QUANTITY
BASI BRACKE FOUNDA	T TO	3000 PSI CONCRETE	ANCHOR TYPE #1	DEWALT SCREW BOLT 3/8" DIAMETER CARBON STEEL W/ 3.5" EMBEDMENT INTO HOST, 2.75" SPACING, 6" EDGE DISTANCE	2
BASI BRACKE FOUNDA	T TO	3000 PSI CONCRETE	ANCHOR TYPE #2	HILTI KWIK-BOLT 3 ANCHOR. 3/8" DIAMETER CARBON STEEL W/ 3.5" EMBEDMENT INTO HOST, 2.75" SPACING, 6" EDGE DISTANCE	2

COPIES NOT VALID FOR PERMIT

COPIES NOT VALID FOR PERMI

ASD LOAD COMBINATION PRESSURE (+ / -

6.7 psf

6.7 psf

7.1 psf

7.1 psf

7.6 psf

7.6 psf

8.0 psf

8.5 psf

8.9 psf

8.9 psf

9.4 psf

9.8 psf

10.3 psf

10.7 psf

11.2 psf

12.1 psf

12.5 psf

13.0 psf

13.4 psf

-1.0 psf

-1.2 psf

-1.8 psf

-1.8 psf

-3.0 psf

-3.0 psf

-4.2 psf

-4.8 psf

-5.4 psf

-6.6 psf

-7.2 psf

-8.4 psf

-9.0 psf

-10.2 psf

-11.4 psf

-12.6 psf

-13.8 psf

-15.6 psf

-16.2 psf

-18.0 psf

OR SCAN

THIS CODE

-1.0 psf

-1.0 psf

-1.0 psf

-1.0 psf

-1.2 psf

-1.2 psf

-1.8 psf

-2.4 psf

-3.0 psf

-3.0 psf

-3.6 psf

-4.2 psf

-4.8 psf

-5.4 psf

-6.0 psf

-7.2 psf

-7.8 psf

-8.4 psf

-9.0 psf

14.3 psf | -10.2 psf | 14.3 psf

6.7 psf

6.7 psf

7.1 psf

7.1 psf

7.6 psf

7.6 psf

8.0 psf

8.5 psf

8.9 psf

8.9 psf

9.4 psf

9.8 psf

10.3 psf

10.7 psf

11.2 psf

12.1 psf

12.5 psf

13.0 psf

13.4 psf

VISIT ECALC.IO/WIND

TO ORDER ENGINEER-CERTIFIED

CALCULATIONS FOR PERMIT

WIND SPEED TO WIND PRESSURE

USE OUR ONLINE CALCULATORS

WITH BETTER ANSWERS

HELPFUL EXPLANATIONS

& MORE WIND RESOURCES

М

REBAR NOT SHOWN

FOR CLARITY

PLAN VIEW

(3) #5 BARS

-30"

TYPICAL FOOTER

VERT SECTION

EACH WAY,

TOP AND воттом

В

ULT WIND

SPEED

40 MPH

50 MPH

60 MPH

70 MPH

80 MPH

90 MPH

100 MPH

110 MPH

120 MPH

130 MPH

LOADING VALUES SHOWN ARE ASD LOAD SCHEDULE 5: WIND SPEED TO DESIGN PRESSURE COMBINATIONS WHICH REPRESENT ABSOLUTE FOR HOST ATTACHED CANOPY (ASCE 7-16 CH 30.11) MINIMUM DESIGN REQUIRED FOR THIS STRUCTURE. NOTE THAT DURING ANY WIND, RAIN, CANOPY ATTACHED CANOPY ATTACHED OR WEATHER EVENT, PERGOLA FABRIC IS TO BE ASCE 1FT OR MORE 1FT OR LESS **EXPOSURE BELOW EAVE BELOW EAVE** CATEGORY

IMPOSED DEAD LOAD OF +2 PSF & NO LIVE LOADING. NO 10PSF MINIMUM HAS BEEN

SITE SPECIFIC BASIS PER ASCE 7 ROOF OVER OPEN STRUCTURE WITH OBSTRUCTED WIND FLOW DESIGN CRITERIA PER THE CODES STATED HEREIN WIND LOADS SHOWN INCLUDE REDUCTION TO CONSIDER POROSITY OF STRUCTURE. NO FURTHER REDUCTIONS ARE TO BE TAKING FOR POROSITY

DESIGN PROFESSIONAL SHALL CONSIDER ALL FORCES, INCLUDING SNOW LOADS PER GOVERNING BUILDING CODES.

DEFLECTION LIMIT FOR HOST-ATTACHED PERGOLA TAKEN AS L/60 FOR THESE CALCULATIONS.

THE ASCE 7-16 MINIMUM WIND PRESSURE LOADING OF 10 PSF HAS NOT BEEN APPLIED HEREIN. FOR INSTALLATIONS RATED TO LESS THAN 5 PSF, FABRC IS TO REMAIN RETRACTED AT ALL TIMES WHEN NOT IN USE. VERIFY ANY LIMITATION ACCEPTANCE WITH LOCAL BUILDING OFFICIAL

IT SHALL BE THE USER'S RESPONSIBILITY TO FULLY RETRACT THE FABRIC IN THE EVENT OF A WIND STORM (FOR ALL INSTALLATION

SCHEDULE 5: WIND SPEED & EXPOSURE TO WIND PRESSURE MAY BE USED DIRECTLY WITH THE INCLUDED DESIGN SCHEDULES, BUT ASSUMES NO ADDITIOAL LOADING IS APPLIED (INCLUDING ADDITIONAL DEAD, LIVE, SNOW, RAIN, OR SEISMIC LOADS). ADDITIONAL SITE-SPECIFIC DESIGN PRESSURE CALCULAITONS MAY BE REQUIRED PER THE AUTHORITY HAVING

FOR INSTALLATION CONDITIONS EXCEEDING THE ALLOWABLE PRESSURES LISTED HEREIN,

SCHEDULE 2-5 NOTES:

RETRACTED.

LOAD COMBINATIONS CONSIDER ONLY A SELF ASSUMED HEREIN.

WIND PRESSURES ARE TO BE DETERMINED ON A CONSIDERATION.

CONDTIONS).

JURISDICTION.

ADDITIONAL ENGINEERING MAY BE REQUIRED.

FOOTER NOTES:

- PROVIDES THE REQUIRED FOOTER REINFORCEMENT FOR THE RESPECTIVE FOOTER SIZE
- REQUIRED REINFORCEMENT IS BASED ON 30" DEEP
- ALL REINFORCEMENT SHALL HAVE A MINIMUM CLEAR
- ALL REINFORCEMENT SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO CURRENT REQUIREMENTS OF ASTM A615, GRADE 60 (U.N.O.), FREE FROM OIL, LOOSE SCALE AND LOOSE RUST; AND BENT, LAPPED, PLACED, SUPPORTED AND FASTENED ACCORDING TO THE "ACI DETAILING MANUAL" AND ACI 318. ALL STEEL SHALL BE SECURELY HELD IN PLACE DURING POURING OF CONCRETE. IF REQUIRED, ADDITIONAL BARS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS ADHERE TO ALL JURISDICTIONS THAT REQUIRE FOOTINGS

PLACED BELOW THE FROSTLINE. IN CASES THAT APPLY, THE BOTTOM 6" OF THICKENED EDGE MUST BE BELOW THE FROSTLINE OR DESIGNED PER ASCE 7-32.

IF THIS DOCUMENT IS DIGITALLY SIGNED, THIS SHEET IS PART OF A DIGITALLY SIGNED FILE. IT SHALL REMAIN IN DIGITAL FORMAT, SHAL E VERIFIED BY ELECTRONIC MEANS PRINTED COPIES OF THIS OCUMENT ARE NOT CONSIDERED

PRINTED DOCUMENT NOTICE: IF THIS DOCUMENT IS PRINTED 8

OES NOTCONTAIN AN ENGINEER'S RIGINAL SIGNATURE & SEAL, THIS OCUMENT IS VOID & NOT VALID FO SE. PHOTOCOPIES ARE NOT ERMITTED FOR USE.

CORPORATE OFFICE:
160 SW 12th AVE, SUITE 106
DEERFIELD BEACH, FL 33442
(954) 354-060 | (86) 306-999
TEAM@ENGINEERINGEXPRESS.COM
ENGINEERINGEXPRESS.COM

KE DURASOL GENIUS PERGOLA SYSTEMS L15 MODEL MASTER PLAN INC STE B KE USA INC 38 POND LN, STE P MIDDLEBURY, VT (802) 388-7309

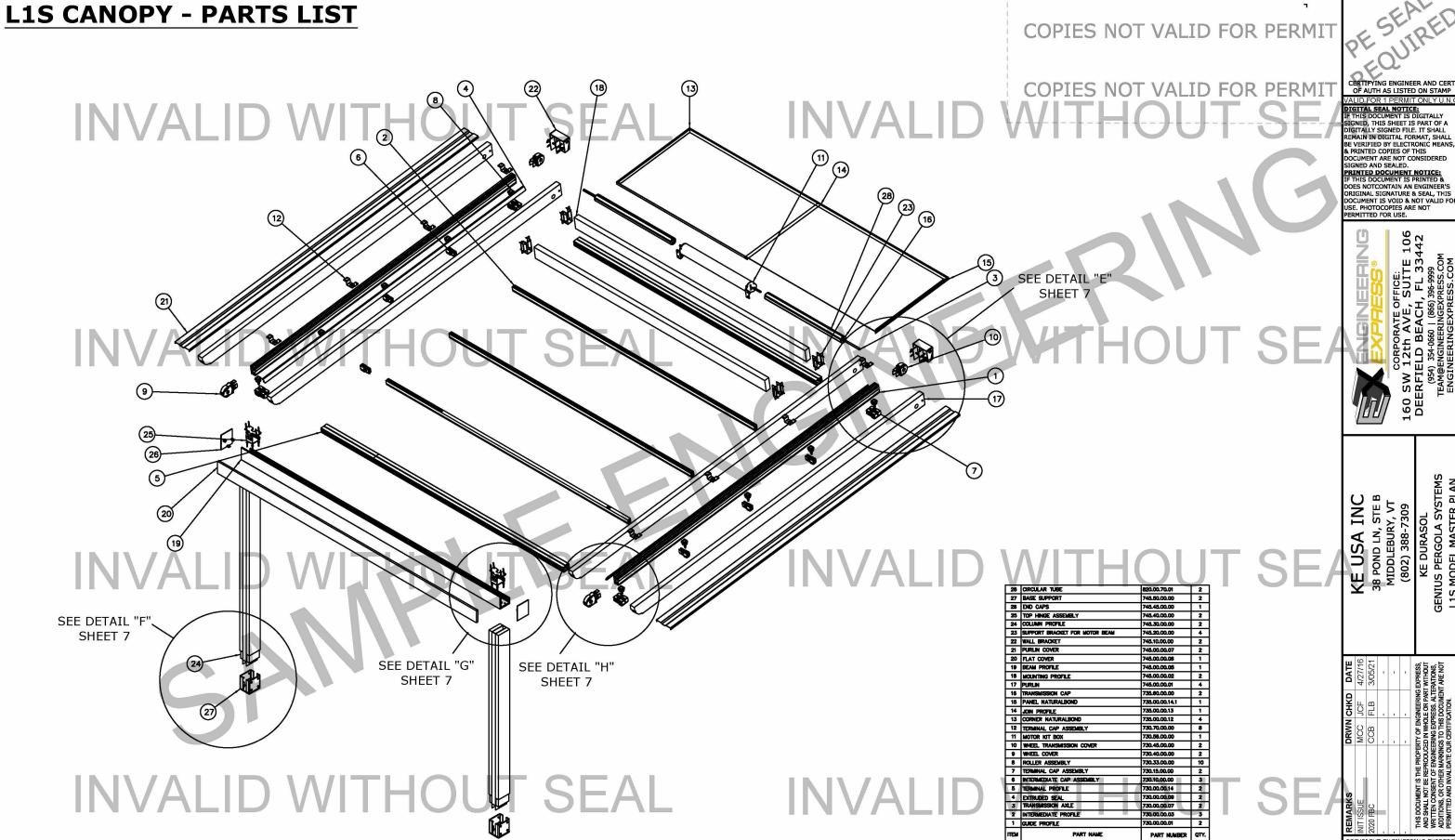
불병뿐

PYRIGHT ENGINEERING EXPRES

20-35091

SCALE: NTS UNLESS NOTED





CORPORATE OFFICE:
160 SW 12th AVE, SUITE 106
DEERFIELD BEACH, FL 33442
(954) 354-0660 | (866) 396-999
TEAM@ENGINEERINGEXPRESS.COM
ENGINEERINGEXPRESS.COM

OPYRIGHT ENGINEERING EXPRESS

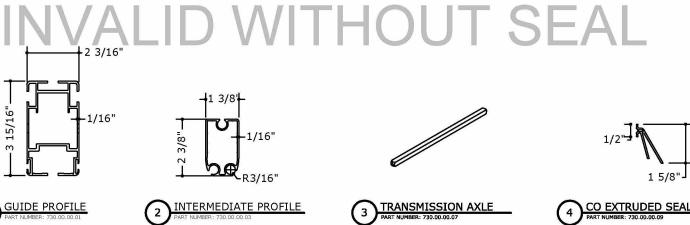
20-35091 SCALE: NTS UNLESS NOTED

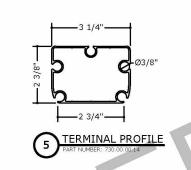


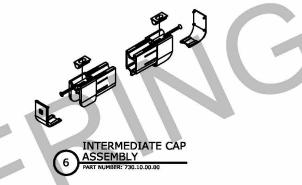
L1S CANOPY - NON-STRUCTURAL COMPONENTS

FOR REFERENCE ONLY - NON-STRUCTURAL COMPONENTS ARE NOT PART OF CERTIFICATION

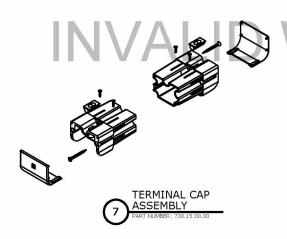
PARTS:

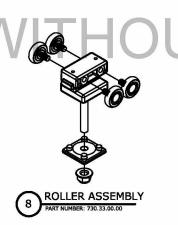


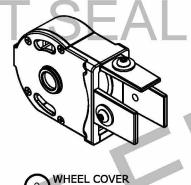




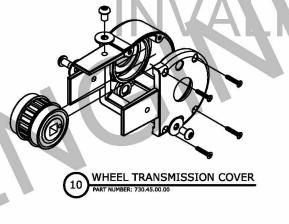
COPIES NOT VALID FOR PERMIT

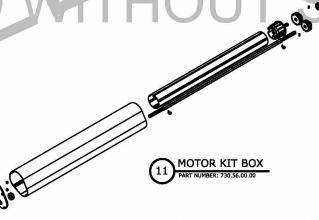


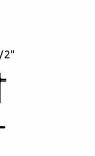


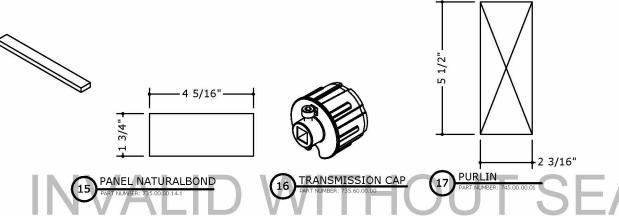








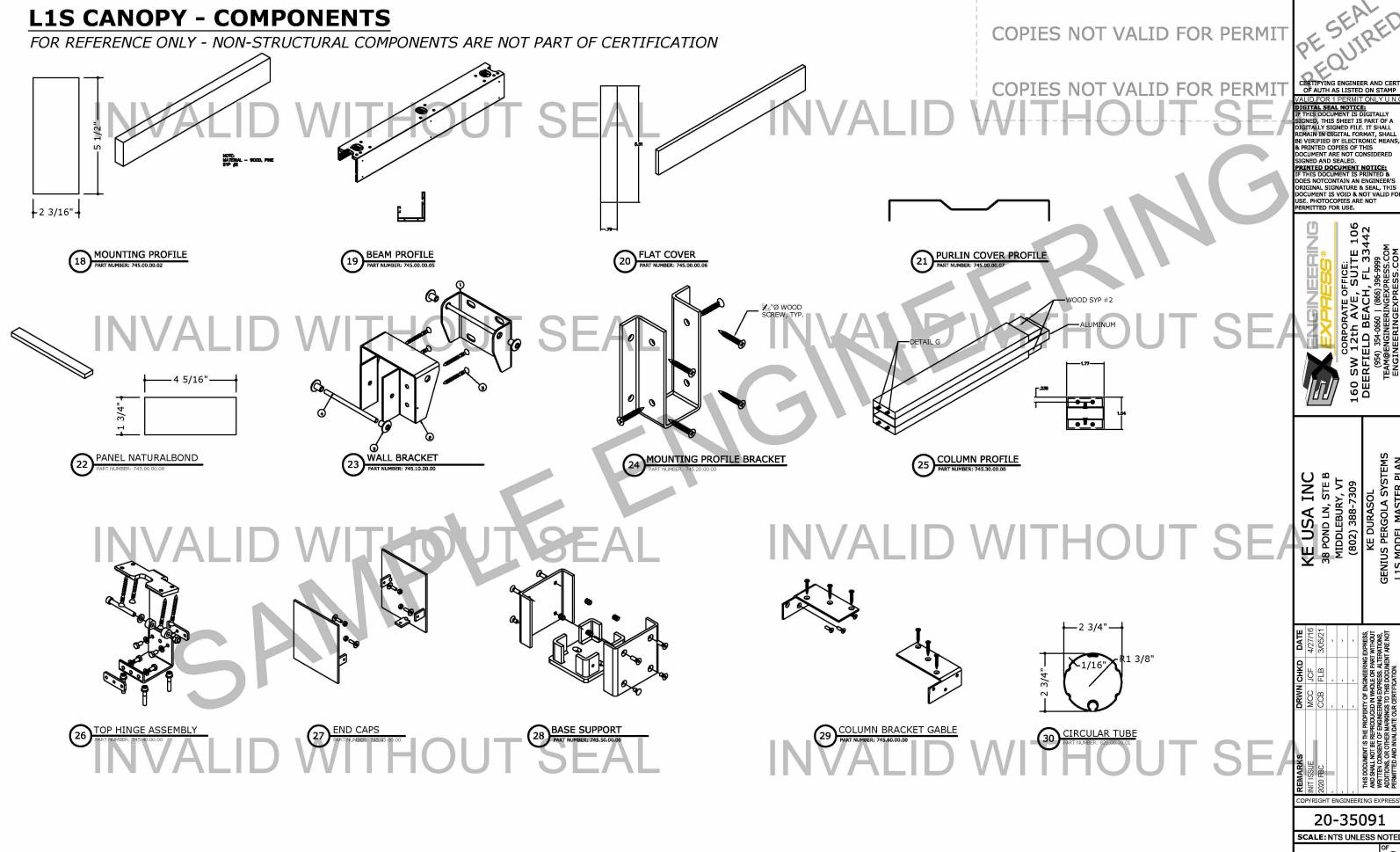




OPYRIGHT ENGINEERING EXPRESS

20-35091 SCALE: NTS UNLESS NOTED

5

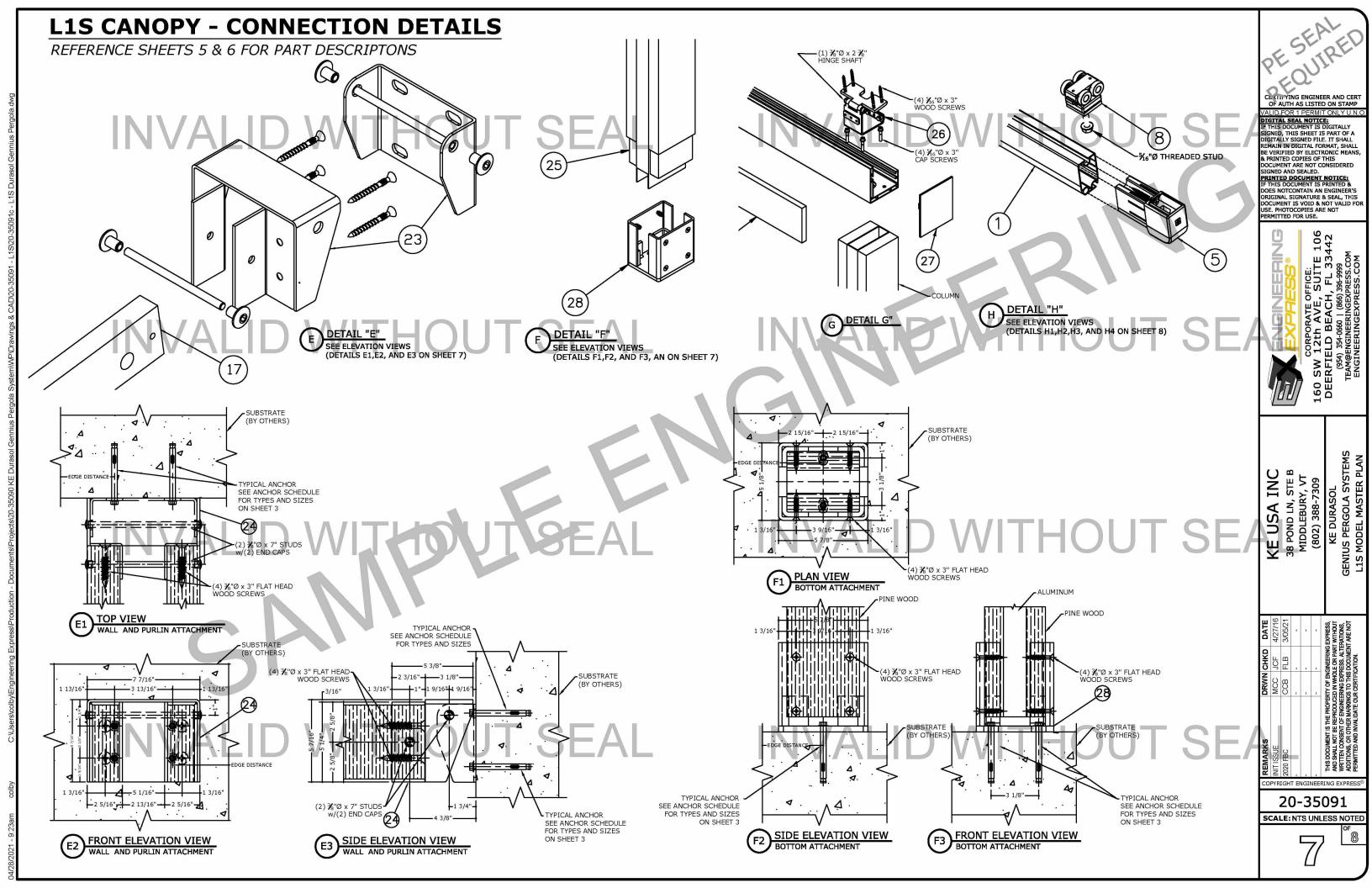


106 442

OPYRIGHT ENGINEERING EXPRESS

SCALE: NTS UNLESS NOTED





L1S CANOPY - ROLLER CONNECTION

FOR REFERENCE ONLY - NON-STRUCTURAL COMPONENTS ARE NOT PART OF CERTIFICATION

2 3/16" 8 5√16"Ø THREADED STUD W/NUT AND WASHER

> **ROLLER FRONT VIEW** CONNECTION AT TERMINAL PROFILE

COPIES NOT VALID FOR PERMIT

|--------8 %6"Ø THREADED STUD W/NUT AND WASHER

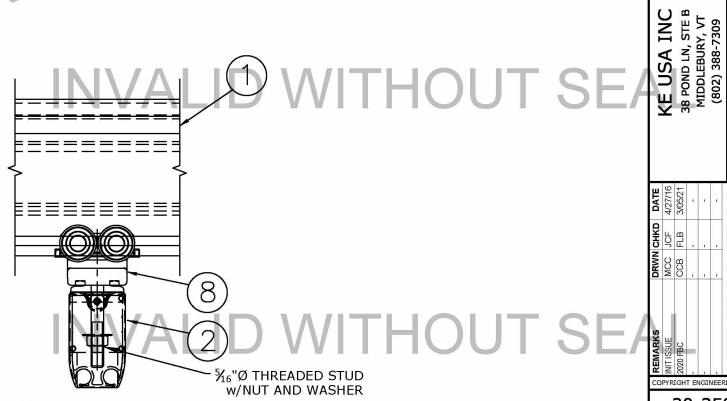
ROLLER SIDE VIEW CONNECTION AT TERMINAL PROFILE

H2

8 $\frac{1}{2}$ % THREADED STUD w/NUT AND WASHER

ROLLER FRONT VIEW

CONNECTION AT INTERMEDIATE PROFILE



ROLLER SIDE VIEW CONNECTION AT INTERMEDIATE PROFILE

20-35091 SCALE: NTS UNLESS NOTED

