

TERMS & CONDITIONS

MP DRAFTING & DESIGN AND THE ENGINEERING EXCHANGE ARE DBA'S OF PINNACLE ENGINEERED PRODUCTS, LLC.

TERMS & CONDITIONS APPLY ACROSS ALL SERVICES OFFERED; READ ALL SECTIONS CAREFULLY.

10087 COLONIAL INDUSTRIAL DRIVE, SOUTH LYON, MI 48178



DRAFTING SPECIFIC TERMS & CONDITIONS

- 1) PAYMENT TERMS ARE NET 30 DAYS. ANY APPLICABLE DISCOUNTING TERMS WILL BE LABELED ON THE INVOICE.
- 2) PROJECTS WILL NOT BE SCHEDULED UNTIL WE RECEIVE ACCEPTANCE OF THE QUOTED PRICE AND THESE TERMS & CONDITIONS, ALONG WITH COMPLETE AND THE MOST UP TO DATE ARCHITECTURAL DRAWINGS (OR AN ELECTRONIC LINK TO THE MOST CURRENT DOCUMENTS), AND APPLICABLE ADDENDUMS, AND THE CUSTOMER'S SCOPE OF WORK REQUIRED FOR THE PROJECT INCLUSIVE OF ALTERNATES / ADDS / DEDUCTS.
- 3) MP DRAFTING & DESIGN IS NOT RESPONSIBLE FOR MONITORING ONGOING CHANGES TO DOCUMENTS THAT ARE POSTED TO FTP SITES OR OTHER ELECTRONIC DOCUMENT SUBMITTAL SERVICES. IF CHANGES TO DRAWINGS OCCUR DURING OR AFTER THE SUBMITTAL PROCESS, IT IS THE CUSTOMER'S RESPONSIBILITY TO ADVISE WHEN CHANGES ARE MADE AND THE EXTENT OF THE CHANGES.
- 4) ADDITIONAL WORK OUTSIDE OF OUR STANDARD SCOPE INCLUDES, BUT IS NOT LIMITED TO:
 - CHANGES TO THE CONTRACT DOCUMENTS AFTER COMPLETION OF ANY PORTION OF THE SHOP DRAWINGS
 - FIELD CHANGES AND/OR MODIFICATIONS
 - FULL SIZE ISOMETRIC DETAILS OF EACH VERTICAL-TO-HORIZONTAL INTERSECTION
 - SIGNING AND SEALING OF SHOP DRAWINGS BY A PROFESSIONAL ENGINEER
 - REVISIONS TO SUBMITTALS BASED ON A THIRD PARTY / CONSULTANT REVIEW
 - ADDITIONAL SHOP DRAWING SETS BEYOND THAT STATED IN THE PROPOSAL
 - DESIGN OF PERIMETER FASTENERS (SIZE, SPACING, ETC.)
- 5) MP DRAFTING & DESIGN AND THE ENGINEERING EXCHANGE ASSUME NO RESPONSIBILITY FOR MATERIALS ORDERED PRIOR TO DRAWINGS BEING REVIEWED, ACCEPTED, APPROVED AND CORRECTED. MATERIALS ORDERED PRIOR TO COMPLETION OF THE DRAFTING AND FORMAL CALCULATION PROCESS (IF REQUIRED), WILL BE DONE AT THE CUSTOMER'S RISK.
- 6) MP DRAFTING & DESIGN WILL ASSUME NO RESPONSIBILITY FOR ERRORS RESULTING FROM THE USE OF PREPARED SHOP DRAWINGS, BY OTHER TRADES.
- 7) DRAWINGS ARE PREPARED IN ACCORDANCE WITH MP DRAFTING & DESIGN QUOTATION OR PER AN ACCEPTED CHANGE ORDER AND OTHER APPLICABLE CONTRACT DOCUMENTS.

8) ALL PRODUCTS SHOWN ON THE PREPARED DRAWINGS MUST BE INSTALLED PER MANUFACTURER'S STANDARD INSTALLATION INSTRUCTIONS. NO DETAILING SHOWN WITHIN THE DRAWINGS ARE INTENDED TO SUPERCEDE MANUFACTURER REQUIREMENTS FOR PROPER INSTALLATION.

9) FINAL APPROVAL BY THE CUSTOMER CONSTITUTES ACCEPTANCE OF ALL DEVIATIONS TO THE CONTRACT DOCUMENTS MADE BY MP DRAFTING & DESIGN IN THE PREPARED SHOP DRAWINGS.

10) THE PREPARED DRAWINGS REPRESENT MP DRAFTING & DESIGN'S INTERPRETATION OF THE APPLICATION OF PRODUCTS TO THE PROJECT IN FUNCTIONAL COMPLIANCE WITH THE ARCHITECTS DRAWINGS AND SPECIFICATIONS. IT IS IMPORTANT THAT THIS INTERPRETATION BE REVIEWED DIMENSIONALLY AND FUNCTIONALLY WITH RESPECT TO ACTUAL ARCHITECT INTENT, INTERFACING CONDITIONS, MATERIALS AND JOB SITE CONDITIONS.

11) ALL DIMENSIONS SHALL BE FIELD VERIFIED AND / OR APPROVED BY THE CONTRACTOR PRIOR TO GLASS ORDERING AND FABRICATION. MP DRAFTING & DESIGN WILL NOT BE RESPONSIBLE FOR INCORRECT FRAMING, FABRICATION AND GLASS SIZES ORDERED FROM CUSTOMER APPROVED SHOP DRAWINGS, OR FABRICATED MATERIALS (DOORS, ETC.).

12) MP DRAFTING & DESIGN HAVE NOT REVIEWED ANY PRODUCTS / APPLICATIONS TO MEET LIFE SAFETY / EGRESS REQUIREMENTS. MANY STATES AND CITIES HAVE THEIR OWN LOCAL BUILDING CODES. INTERPRETATION OF THESE CODES IS BEYOND THE SCOPE OF OUR SERVICE.

13) IT IS THE RESPONSIBILITY OF THE INSTALLER TO CONFIRM THAT THE GLAZING MATERIALS (SETTING BLOCKS, GASKETS, ANTI-WALK BLOCKS, ETC) ARE COMPATIBLE WITH THE GLASS PRODUCTS BEING USED.

14) A GLASS SCHEDULE WILL BE SHOWN FOR REFERENCE ONLY. MP DRAFTING & DESIGN WILL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE SCHEDULE, NOR SHOULD THAT SCHEDULE BE TAKEN TO BE THE PRODUCT SUBMITTAL FOR THE CUSTOMER SUPPLIED GLASS.

15) A HARDWARE SCHEDULE WILL BE SHOWN FOR REFERENCE ONLY. MP DRAFTING & DESIGN WILL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE SCHEDULE, NOR SHOULD THAT SCHEDULE BE TAKEN TO BE THE PRODUCT SUBMITTAL FOR ANY CUSTOMER SUPPLIED HARDWARE.

16) SHOP DRAWINGS ARE ONLY INCLUSIVE OF INFORMATION FOUND IN THE CONTRACT DOCUMENTS AND AS LISTED ON THE COVER SHEET OF THE SHOP DRAWINGS.

17) FLOOR PLANS PROVIDED IN THE SHOP DRAWINGS ARE FOR ELEVATION LOCATION PURPOSES ONLY AND SHOULD NOT BE SCALED OR USED FOR CONSTRUCTION.

18) ELEVATIONS SHOWN IN THE SHOP DRAWINGS ARE TYPICALLY DRAWN FROM THE EXTERIOR OF THE BUILDING UNLESS NOTED OTHERWISE. INTERIOR ELEVATIONS SHOULD BE REFERENCED ON THE FLOOR PLAN TO DETERMINE DIRECTION OF VIEW.

19) DOOR SWINGS ARE SHOWN TO MATCH WHAT IS SPECIFIED IN THE ARCHITECTURAL DRAWINGS. NEITHER MP DRAFTING & DESIGN OR THE ENGINEERING EXCHANGE ARE RESPONSIBLE FOR VERIFICATION OF DOOR SWINGS TO MEET EGRESS REQUIREMENTS OF CODES.

20) DETAILS ARE TYPICALLY DRAWN WITH THE EXTERIOR SIDE TO THE LEFT SIDE OF THE DETAIL UNLESS NOTED OTHERWISE.

21) MP DRAFTING & DESIGN WILL SHOW OUR INTERPRETATION OF PERIMETER CONDITIONS IN OUR DETAILS TO ASSIST WITH COORDINATION OF TRADES AND ANCHORAGE OF THE FRAMES. MP DRAFTING & DESIGN IS NOT RESPONSIBLE FOR THE

ACCURACY OF THESE PERIMETER CONDITIONS. THESE CONDITIONS SHOULD BE VERIFIED BY THE ARCHITECT AND / OR GENERAL CONTRACTOR.

22) IT IS UNDERSTOOD THAT SUBMITTAL DOCUMENTS ARE OFTEN RETURNED WITH A STATUS OF "REVIEWED". THESE SHOP DRAWINGS PREPARED IN CONJUNCTION WITH THESE TERMS AND CONDITIONS REPRESENT A CONTRACT BETWEEN MP DRAFTING & DESIGN AND OUR CUSTOMER. REVIEWED DRAWINGS THAT ARE RETURNED FOR CORRECTIONS ARE DEEMED TO BE APPROVED BY THE CUSTOMER ONCE THE NOTED CORRECTIONS ARE MADE.

THE ENGINEERING E X C H A N G E

ENGINEERING SPECIFIC TERMS & CONDITIONS

MP DRAFTING OFFERS A SERVICE VIA THE "ENGINEERING EXCHANGE". WE HAVE DEVELOPED RELATIONSHIPS WITH VARIOUS ENGINEERING FIRMS AROUND THE COUNTRY AND THIS SERVICE ALLOWS US TO CONTRACT WITH THE ENGINEER THAT BEST FITS A SPECIFIC PROJECT. ANY TERMS AND CONDITIONS IN EFFECT FROM THOSE FIRMS ALSO APPLIES. MP DRAFTING WILL CONTRACT AND PAY THE ENGINEERING FIRM, AND IN TURN CHARGE YOU FOR THE SERVICES.

- 1)** PAYMENT TERMS ARE NET 30 DAYS. ANY APPLICABLE DISCOUNTING TERMS WILL BE LABELED ON THE INVOICE.

- 2)** PROJECTS WILL NOT BE SCHEDULED UNTIL WE RECEIVE ACCEPTANCE OF THE QUOTED PRICE AND THESE TERMS & CONDITIONS, ALONG WITH COMPLETE AND THE MOST UP TO DATE ARCHITECTURAL DRAWINGS (OR AN ELECTRONIC LINK TO THE MOST CURRENT DOCUMENTS), AND APPLICABLE ADDENDUMS, AND THE CUSTOMER'S SCOPE OF WORK REQUIRED FOR THE PROJECT INCLUSIVE OF ALTERNATES / ADDS / DEDUCTS.

- 3)** ALL PERIMETER SEALANT JOINTS ARE ASSUMED TO HAVE A MOVEMENT CAPABILITY OF 50% FOR BOTH TENSION AND COMPRESSION WHEN USING DOW 795 OR A SIMILAR PRODUCT.

- 4)** ALL PARTIAL LENGTH STEEL REINFORCEMENT IS TO BE CENTERED BETWEEN ANCHOR POINTS, U.N.O.

- 5)** THE ENGINEERING EXCHANGE AND MP DRAFTING & DESIGN ASSUME NO RESPONSIBILITY FOR MATERIALS ORDERED PRIOR TO DRAWINGS BEING REVIEWED, ACCEPTED, APPROVED AND CORRECTED. MATERIALS ORDERED PRIOR TO COMPLETION OF THE DRAFTING AND FORMAL CALCULATION PROCESS (IF REQUIRED), WILL BE DONE AT THE CUSTOMER'S RISK.

- 6)** THE PROJECT DESIGN CRITERIA AND DESIGN PRESSURES SHOWN ON THE COVER SHEET ARE MP DRAFTING & DESIGN'S INTERPRETATION OF THE DATA PROVIDED AT THE TIME OF SHOP DRAWING PREPARATION. MP DRAFTING & DESIGN IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS INFORMATION. IT IS THE RESPONSIBILITY OF THE PROJECT ENGINEER OR RECORD TO VERIFY THIS INTERPRETATION/CALCULATION IS CORRECT.

- 7)** CURTAIN WALL MULLIONS WILL BE SPLICED (WHEN REQUIRED) AS CLOSE TO THE INFLECTION POINT (ZERO MOMENT) AS POSSIBLE, IN ORDER TO LIMIT ANY ADDITIONAL REINFORCEMENT REQUIRED IN THE MULLION. WHEN A SPLICE LOCATION IS MOVED AWAY FROM THIS INFLECTION POINT TO COINCIDE WITH A CONCEALED LOCATION, HORIZONTAL, CEILING LINE, ETC., ADDITIONAL REINFORCEMENT MAY BE REQUIRED AT AN ADDITIONAL COST.

- 8)** UNLESS SPECIFIC DEFLECTION CRITERIA IS NOTED ON THE ARCHITECTURAL DRAWINGS AND / OR IN PROJECT SPECIFIC SPECIFICATIONS, THE PRODUCTS DESIGNED IN THE SHOP DRAWINGS WILL BE DESIGNED WITHIN THE INDUSTRY RECOGNIZED STANDARD PARAMETERS FOR STRUCTURE DEFLECTION ($\frac{1}{4}$ " MAXIMUM FOR CURTAIN WALL AND $\frac{1}{8}$ " MAXIMUM FOR STOREFRONT AND WINDOWS). NEITHER MP DRAFTING & DESIGN NOR THE ENGINEERING EXCHANGE WILL BE RESPONSIBLE FOR CALCULATING STRUCTURE DEFLECTION USING STRUCTURAL DRAWINGS AND / OR REFERENCED ALLOWABLE DEFLECTIONS FROM PRODUCT SPECIFICATIONS. THE VALUES SHALL BE PROVIDED TO US BY THE ARCHITECT OR ENGINEER OF RECORD FOR THE PROJECT. DEVIATIONS FROM THESE STANDARD CRITERIA WILL REQUIRE ADDITIONAL ENGINEERING AND PRICING.



FABRICATION SPECIFIC TERMS & CONDITIONS

- 1)** ALL PRODUCTS SHOWN ON THE PREPARED DRAWINGS MUST BE INSTALLED PER MANUFACTURER'S STANDARD INSTALLATION INSTRUCTIONS. NO DETAILING SHOWN WITHIN THE DRAWINGS ARE INTENDED TO SUPERCEDE MANUFACTURER REQUIREMENTS FOR PROPER INSTALLATION.
- 2)** ALL DIMENSIONS SHALL BE FIELD VERIFIED AND / OR APPROVED BY THE CONTRACTOR PRIOR TO GLASS ORDERING AND FABRICATION. PINNACLE ENGINEERED PRODUCTS, LLC WILL NOT BE RESPONSIBLE FOR INCORRECT FRAMING, FABRICATION AND GLASS SIZES ORDERED FROM CUSTOMER APPROVED SHOP DRAWINGS, OR FABRICATED MATERIALS (DOORS, ETC.).
- 3)** ALL GASKET JOINTS, BUTT JOINTS, LAP JOINTS, HEEL BEADS, TOE BEADS AND CAP BEADS SHOULD BE SEALED WATERTIGHT FOLLOWING SEALANT MANUFACTURER RECOMMENDATIONS AS TO SIZE, METHOD OF APPLICATION AND COMPATIBILITY WITH ADJOINING MATERIAL. SEALANT APPLICATION SHOULD BE DONE IN A TEMPERATURE RANGE THAT HAS BEEN DEEMED ACCEPTABLE BY THE SEALANT MANUFACTURER.
- 4)** IN ACCORDANCE WITH MANUFACTURER'S STANDARD INSTALLATION INSTRUCTIONS AND PER THE RECOMMENDATION OF THE GLASS ASSOCIATION OF NORTH AMERICA (GANA) GLAZING MANUAL, GLASS SETTING BLOCKS ARE LOCATED AT 1/4 POINTS, UNLESS NOTED OTHERWISE.
- 5)** PINNACLE ENGINEERED PRODUCTS, LLC ADVISES AGAINST THE USE OF ANY TREATED LUMBER PRODUCTS CONTAINING COPPER (CCA, ACQ, ETC.) AS BLOCKING WITHIN ALUMINUM FRAMING WITHOUT BEING PROPERLY TREATED AND / OR WRAPPED TO AVOID DIRECT CONTACT WITH THE ALUMINUM. DIRECT CONTACT OF TREATED LUMBER CONTAINING COPPER WITH ALUMINUM (FINISHED OR UNFINISHED) MAY RESULT IN A CHEMICAL REACTION THAT CAN DETERIORATE THE ALUMINUM.
- 6)** PINNACLE ENGINEERED PRODUCTS, LLC HAS NOT REVIEWED ANY PRODUCTS / APPLICATIONS TO MEET LIFE SAFETY / EGRESS REQUIREMENTS. MANY STATES AND CITIES HAVE THEIR OWN LOCAL BUILDING CODES. INTERPRETATION OF THESE CODES IS BEYOND THE SCOPE OF OUR SERVICE.
- 7)** IT IS THE RESPONSIBILITY OF THE INSTALLER TO CONFIRM THAT THE GLAZING MATERIALS (SETTING BLOCKS, GASKETS, ANTI-WALK BLOCKS, ETC) ARE COMPATIBLE WITH THE GLASS PRODUCTS BEING USED.
- 8)** PINNACLE ENGINEERED PRODUCTS, LLC'S CUSTOM FABRICATED DOORS (BI-FOLDS, SLIDERS, ETC.), SUNSHADES AND OTHER CUSTOM PRODUCTS HAVE NOT BEEN TESTED IN ANY WAY. PINNACLE ENGINEERED PRODUCTS, LLC USES COMPONENTS FROM VARIOUS SOURCES THAT MAY OR MAY NOT HAVE BEEN TESTED INDIVIDUALLY TO CREATE JOB SPECIFIC PRODUCTS.