ESTMEP: TIPS & TRICKS

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MEP FORGE

ESTMEP: TIPS & TRICKS

- Profiles
  - Hold pricing & labor at date of creation
  - Project specific specifications, services and information
- How to update existing profile material costs & labor
  - Supplier.map (supplier information, discount multipliers, etc.)
  - cost.map (material costs)
  - etimes.map (erection/installation labor hours)
  - ftimes.map (fabrication labor hours)
- Ancillaries for additional costs and/or labor
  - Misc. additional costs.
    - (E.g. Welded Joints: Oxygen, Acetylene, Welding Rod)
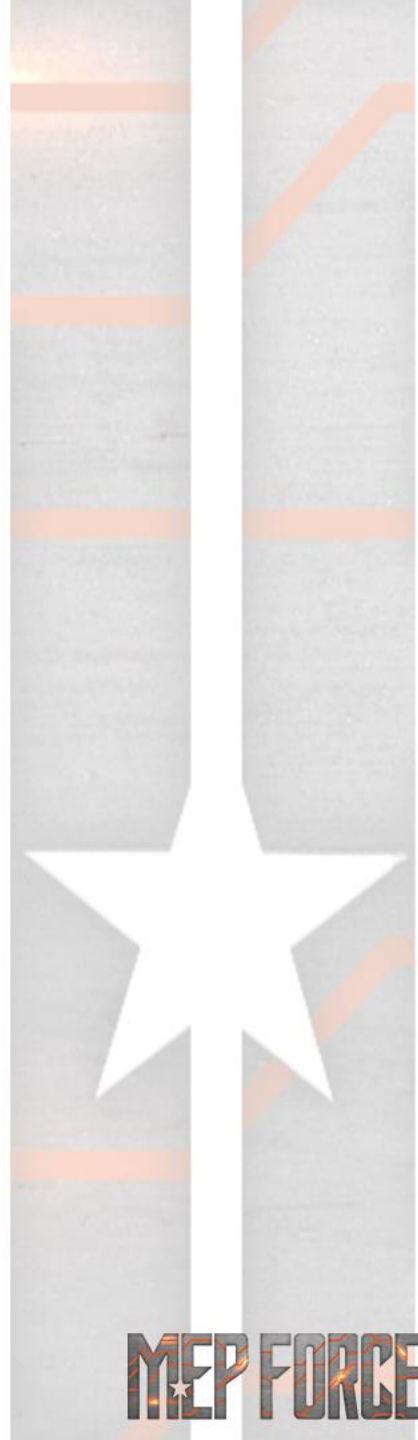
ESTMEP: TIPS & TRICKS

- Commonly used hotkeys
  - "F3D" – Fill 3D Items
  - "E3D" – Erase 3D Items
  - "EDDOBJ" – Edit Design Objects (Edit Designline)
  - "A" – Get Attacher Arrow (Rotate Attacher Arrow)
  - "HA" – Hide Attacher Arrow
  - "GI" – Goto Items (from 3D Viewer to "Items" tab)
  - "SAVE" – Save Project

ESTMEP: TRIPS & TRICKS

- Multiple PDF/Underlay Import
  - Can import multiple underlays & scale them individually.
- Scaling Underlays can be done in multiple ways.
  - During import
    - Easiest if drawing is to correct scale.
  - Command "USETSCALE" or "USS"
    - This one is somewhat funky and rarely if ever used.
  - Command "ALIGNSCALE" or "AS"
    - Most commonly if no scale is given or drawing is not to correct scale.
- Toggle Lock & Underlay Snapping

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- Line>Copy
  - Copies a designline.
  - Can be rotated (in 90 degree increments) with "R".

- Command "OffsetLine" or "OL"
  - Duplicates a designline and offsets it a set variable.
    - x=plan north, -x=plan south
    - y=vertical up, -y=vertical down

- Pick Constraint & Pick Eleveation
  - Sets your current constraint & elevation or just elevation to the same as the line selected.

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MEP FORCE

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- Command "UCS"
  - Changes the global orientation.
  - Great for drawing in isometric view.

- Camera Views
  - Can be used to view specific areas & can be used for Layout Sheets

- Command "LAYOUTSHEET" or "LOS"
  - Creates Worksheets (Visual and/or Descriptive)
  - Can be based on Camera Views.

ESTMEP: TIPS & TRICKS

- How to Separate or Breakout parts of Estimate
  - Alternates
  - Zones (Cannot be deleted, if created as admin will exist forever)
  - Sections
  - Drawings (Cannot be deleted, if created as admin will exist forever)
  - *All of these can be used individually or together*

- "Estimating Summary"
  - Change pricing and labor for items
    - Recommended to only use in profiles (This will overwrite the pricing in the database).

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- Setup Processes
  - Standardize what Reports and/or Exports to run at a specific point or at Estimate completion.

- Product Information Editor (Madprodinfo)
  - Essential to managing your own database

- "Custom Fields"
  - Utilize these for reporting company or project specific information.

ESTMEP: TRIPS & TRICKS

- "Takeoff All Product Sizes"
    - Shift+Ctrl+Right Click in "Item Folders"
    - Great for checking data and/or pricing & labor

- "Node Movable"
    - Utilize for stacking fittings

- Insulation Material vs Insulation Specification
    - If your VDC/BIM Department is using Revit _DO NOT_ use Insulation Materials, you must use Insulation Specs.

- Single Item Takeoff
    - Disable "CAD Mode" in the "Takeoff" toolbar.
    - Pay attention to items being added as it will add items not requested.

ESTMEP: TIPS & TRICKS

- .MAJ vs .ESJ
  - .MAJ is an Active Job File Utilizing the latest information available to it in the database or profile.

- Batching Jobs
  - Job files can be "batched" together to create a single larger file typically for reporting purposes.
  - Only 3D items and Designlines are brought into the batched file, no underlays.

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PLEASE FILL OUT THE SURVEY FOR THIS SESSION IN THE APP.

GO TO "MY SCHEDULE" ➡ SELECT THIS SESSION ➡ SCROLL DOWN TO "SESSION SURVEY"