

tech-check interiors | Complex

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1 GENERAL



MORE TECH-CHECKING TOOLS

FIND THESE UNDER “MORE TOOLS” IN THE WEBSITE

- **DIMENSIONING** - CHECK the “Dimensioning Guidelines - Interior Projects”.
- **NOTES** – “Drawing Notation”.



TITLE BLOCK

- Project name and Address.
- Owner’s legal name and address (check with Google).
- Issue Number, Description (Issue for Bid, Addendum A, etc.) and date of issue.
- Additional information such as general contractor, when known.
- Initials in “Drawn By” and “Checked By”; plot date.
- Stamp.
- Scale, Project Number.
- Drawing Title / Drawing Number.
- Deltas for Addenda and subsequent Bulletins when applicable.



ALWAYS DO THIS

- Number SIMILAR components and tag for clear notation: Countertop #1, Countertop #2; Wall Base #1, Wall Base #2, etc. Note the tags in the Schedule of Finishes and other schedules and refer to the components by their tag throughout the set.
- Check that the tags in the schedules match the tags on the drawings.
- Always talk to reps. Confirm capacities, sizes, configuration, availability, use. Send your plans for reviewing when applicable.
- If an item is typical and you know it, tag it “TYP” and do not add other labels. Add UON only when you know that there is, or probably is, a different condition or materials from the one documented.



GRAPHICS

- Indicate with dashed lines and label overhead components at building interior: soffits, mezzanines, and such. Label them, for example, “SOFFIT ABOVE”.
- Indicate with an “X” and label floor and wall openings “OPEN”.
- “North” arrow in every floor plan – oriented in the same way.
- Add graphic bars if required by the permitting agency.
- Graphically differentiate areas not in the contract and label “NIC”.

- ☐
 - Vertical (heights) dimensions for interior work are from finished floor, except at carpet flooring where vertical dimensions are from top of concrete (TOC).
 - Horizontal dimensions for interior work are to face of gypsum, except:
 - Critical dimensions (exiting, accommodate equipment, and such) are labeled “CLEAR” are to “face of finish”
 - When dimensioning from existing construction.
 - Critical dimensions.
 - Generally, do not set dimensioning to less than 1/8”. Go to 1/16” only when you know it can be done in the field or it can be manufactured to that precision level.

- ☐ **DIMENSIONING**
 - Vertical (heights) dimensions for interior work are from finished floor, except at carpet flooring where vertical dimensions are from top of concrete (TOC).
 - Horizontal dimensions for interior work are to face of finish to face of finish:
 - Critical dimensions (exiting, where equipment needs to fit, and such) are labeled “CLEAR”.
 - Generally, do not set dimensioning to less than 1/8”. Go to 1/16” only when you know it can be done in the field or it can be manufactured to that precision level.
 - Leave dimensions strings open where dimension is not critical so the Contractor can adjust.

- ☐ **COST MANAGEMENT**
 - Include a **SUMMARY OF ALTERNATES AND ALLOWANCES** where it is easily found and read.
 - **BASE BID AND ALTERNATE** work are graphically indicated and/or noted in the set everywhere where they are shown, including in the Schedules.
 - Alternate work is included in the Specifications (book or sheet).
 - The cost of alternate work is calculated by the Contractor and given to the Owner to decide if the alternate work proceeds or not, so **DO NOT mark ALTERNATE WORK as “DEDUCTIVE” or “ADDITIVE”**.
 - **ALLOWANCES**
 - Allowance work is graphically indicated and noted in the Drawings and included in the Specifications.
 - Allowance amount is indicated as Unit Price (cost per area or per unit) or as a Fixed Sum.
 - The allowance amount is fixed by the Owner and the Contractor confirms if the allowance is enough.

- ☐ **CONSISTENCY**
 - Terminology is the same throughout; check that:
 - Items are tagged with the same word throughout the set.
 - Work which is the same has the same tag (for example, “patching”, “removing”, etc.)
 - Address only the Contractor, no one else, as if it was in front of you: “Do this”, “Do that”.
 - Graphics representing the same item or work are consistent: Size, type, etc., (for example, finishes, types of partitions, and such).

- ☐ **MOCKUPS. (THESE ARE BUILD “IN-PLACE” OR BUILD IN A LAB FOR SELECTING OR TESTING)**
 - Indicate on the Drawings where do you want the mockups (location and extent), when applicable.
 - Mockups are included in the specs, so coordinate with the specifier

- ☐ **IMPORTANT NO-NOS**
 - Do not describe wall finishes and other elevation information in the floor plans.
 - Do not use periods in the abbreviations, (UON not U.O.N).
 - **DO NOT INCLUDE RATED ASSEMBLIES THAT DO NOT HAVE A UL NUMBER (or other number by any other testing agency). NEVER DESIGN YOUR OWN!**

2 COVER SHEET

- ☐ **COORDINATION WITH THE SET**
 - Coordinate abbreviations used in the set with list in Cover Sheet

- ☐ **CHECK THAT THIS IS INCLUDED:**
 - Abbreviations
 - General notes – check that they are applicable to the project.
 - Title 24 notes.
 - Drawing List.
 - Project Directory.
 - Vicinity Map.
 - Project Information and code data.
 - Separate permits and deferred submittals.
 - Project Legend - Graphic symbols used on the project.

3 EXITING AND CODE ANALYSIS PLAN (ONE OR MORE SHEETS)

- ☐
 - **Code analysis and calculations.**
 - **Calculations (Exiting and Number of Plumbing Fixtures requirements.)**
 - **CALGreen Checklist.**
 - **ADA/ Accessibility Path of Travel Layouts.**
 - **Compliance Statements if required by the local Authority Having Jurisdiction.**

4 ACCESSIBILITY and EXITING DETAILS

- ☐ **ACCESSIBILITY**
 - Accessibility Standard Details (maneuvering clearances, signage, etc.)
 - Door and wall accessible toilet signs as applicable to the Project.
 - Exit signage - Route and stairs when applicable
 - REFERENCE ONLY:
 - Accessibility clearances in bathroom floors.
 - Showers accessibility clearances.
 - Enlarged bathrooms or toilet plans showing accessibility clearances.

- ☐ **SIGNAGE**
 - Door and wall accessible toilet signs as applicable to the Project.
 - Exit signage - Exit route and stairs when applicable.

5 SITE PLAN(S)

- ☐ **IMPORTANT!**
- In this tech-check list it is assumed that site plans are included **ONLY TO DOCUMENT PATH OF TRAVEL**. If the project work includes other than minor modifications to the path of travel or to other sitework, use the list for "BASIC CORE&SHELL" list to check site plans.
 - For projects where **parking is in the building where the work will be done**, include the building parking plan to document path or travel.

- ☐ **PLANS SHOW THESE EXISTING CONDITIONS (AS APPLICABLE)**
- Building footprint, main access, secondary access.
 - Ramps, curb ramps, sidewalks/walkways, steps or stairs: Locations and configurations.
 - Signage.
 - Stripping.

- ☐ **MINOR WORK IF INCLUDED**
- Re-stripping.
 - New sign
 - Adding or remodeling access ramps.

- ☐ **TAG EXISTING CONDITIONS AS APPLICABLE**
- Access to site from point of connection to public road.
 - Access roads, driveways, turn-arounds, including with and slope.
 - Location of entrance signage.
 - Driveways, access, exiting.
 - Pedestrian traffic.
 - Accessible path of travel.
 - Accessible parking signage.
 - Stripping.
 - Accessible Details
 - Site Entry Sign.

6 SELECTIVE DEMOLITION PLANS

- ☐ **COORDINATION WITH PROJECT TEAM:**
- Coordinate items to be removed, replaced, and restored and MAY AFFECT LAYOUT OR CAN CONFLICT WITH ARCHITECTURAL ITEMS, with Owner's Representative or Building Owner's Representative, and if included in the project team, with mechanical / plumbing / electrical engineers.
 - Use DASH LINES to indicated items to be removed.
 - Indicate areas NIC by shading or other graphic method that clearly shows which they are.

- ☐ **SCOPE OF WORK**
- Demolition areas clearly indicated.
 - Scope of Work notes named and grouped per type of action indicated:
 - REMOVE - USE to tag items to be detached and disposed off.
 - REMOVE AND RE-INSTALLED - USE to tag Items to be removed, restored, and re-installed.
 - REMAIN - USE to tag items to stay in place (include in final cleanup where applicable).

- ☐ **EXISTING HARDWARE TO REMAIN**
 - Add the following sheet notes:
 - Make an inventory of existing hardware that can be re-used with little or no repair work.
 - Compare the existing re-usable hardware inventory with the Contract Documents and determine which items of existing hardware can be re-used and which new items must be provided to complete the hardware requirements of the Project. See specifications.

7 FLOOR PLANS

- ☐ **COORDINATION WITHIN THE SET**
 - The following key references are indicated and correctly tagged:
 - Enlarged plans.
 - Interior Elevations by room, numbered clockwise.
 - Details.
- ☐ **COORDINATION WITH THE PROJECT TEAM**
 - Coordinate dimensions of chase walls with mechanical / plumbing engineers, if already part of the Project Team, particularly where plumbing fixtures are back-to-back rows of water closets.
 - Coordinate location and type of the following:
 - Light fixtures, outlets, with equipment or furnishings that require power, etc.
 - Type and location of security components with Owner's representative.
 - Type and location of food preparation equipment with Consultant.
- ☐ **GRAPHIC INFORMATION AND SHEET NOTATION**
 - North Arrow in all floor plans in the same direction.
 - NIC areas clearly marked by shading or any other graphic way.
 - Move notes and Information describing items located in walls, partitions, and ceilings to Elevations and RCPs sheets.
 - Sheet Notes and Key Notes:
 - Review notes to check they all apply to the Project.
 - Notes that address the same thing should be repeated exactly (copy-paste) and if possible keep the same number throughout the set. If a note is not used in a sheet, leave the number in place and write "NOT USED".
 - Check that the terminology is the same as the terminology on the drawings (tags, schedules and notes).
BASICALLY, CALL THE SAME THING THE SAME WAY THROUGHOUT the set.

**PARTITIONS**

- Partition types selected do not exceed the maximum height indicated in the partition details. If you have questions on this, call Gloria or Josie.
- Partitions are tagged one by one or in group (for example, "PARTITION TYPE A, UON").
- Fire ratings at partitions and doors at electrical and IT/computer server have been coordinated with the electrical engineer.
- Chase walls selected are:
 - Correct for the fire-ratings required.
 - Their purpose has been checked with the mechanical / plumbing consultants.
 - Chase is large enough to accommodate what is scheduled to be carried in it (piping, ducts, etc.)
- Fire rated partitions are correct for the fire ratings required.
- At rated partitions with wall reveals an additional layer of gypsum has been added to maintain the fire rating.
- Depths required by fully-recessed or semi-recessed items, such as toilet and shower accessories, are adequate.

**DOORS**

- All doors are tagged; tag doors only in the floor plans, not in the enlarged plans.
- Door numbers correspond to the room numbers.
- Doors in rooms with multiple doors are tagged sequentially, for example, doors in Room 1001 are tagged as 1001A, 1001B, 1001C, etc.
- Sidelights are tagged as one unit along with the adjacent door, not separately.
- Door tags are coordinated with the Door & Frame Schedule and the Hardware Groups.
- Required clearances at doorways (doors and gates) are correct and labeled.
- Direction of door swing meets code.

**EXITING WIDTHS**

- Required minimum clear exiting widths at stairs, hallways and corridors are provided or exceeded and labeled as "CLEAR".
- Aisles with cabinets that open towards the aisle (in the full-open position) do not reduce the required minimum clear exiting width.

**FIRE EXTINGUISHERS**

- Travel distances to nearest fire extinguisher are indicated (max. 75').
- Cabinet types are labeled: Rated or non-rated, recessed; semi-recessed; surface-mounted.
- Partition type widths are sufficient to accommodate recessed and semi-recessed cabinets.
- References to drawing and detail number that show accessible mounting heights for cabinets are included.

8 REFLECTED CEILING PLANS

**COORDINATION WITH THE DESIGN TEAM**

- Items such as motors, projection screens and overhead coiling grilles or coiling doors concealed in the ceiling space do not conflict with Structural or MEP elements and that required clearances are provided.
- If MEP work is design-build, email to the Contractor so this coordination is done and we have a written record.
- Location of electrical and mechanical items.

**CEILINGS**

- Schedule: Products including tiles or panels and suspension system are included.
- “Heavy Duty” type is noted for all.
- Areas without ceilings are marked ‘NO CEILING’ or ‘OPEN TO STRUCTURE ABOVE’ are indicated.
- Location of overhead items is coordinated and indicated
- Layout does not include tiles or panels smaller than ½ a unit or are cut in a way they cannot be suspended.
- Extent of each new ceiling is clearly shown.
- Ceiling and Soffit heights indicated as follows: 9'-0" AFF, UON (or applicable height).
- Light fixtures are indicated and location dimensioned if necessary.
- Layout of ceiling grids.
- Locations of “cloud” ceilings are dimensioned if necessary.
- Ceiling-mounted items, such as screens, air supply diffusers, return air grilles, exit signs, operable partitions, overhead doors, etc. are indicated and located.

**COORDINATION WITH FF&E:**

- Access to items such as light switches, outlets, thermostats, access panels, electrical panels and similar items are not blocked by fixed furniture.

9 POWER AND COMMUNICATION PLANS

**COORDINATION WITH THE DESIGN TEAM**

- Location of furniture.
- Location of floor, ceiling, and wall mounted electrical components.

10 FINISH PLANS

**FINISH SCHEDULES TEMPLATES ARE INCLUDED AT THE END OF THIS DOCUMENT****COORDINATION WITH the PRODUCT REPS**

- Finishes are correct for intended use.
- Finishes are available and ready for sale.
- If needed, extra materials for replacements or patching are available.
- Warranties are available.
- Installation is easy.
- Maintenance is easy.

**DRAWINGS**

- Locations and extent of finishes are clearly indicated and finishes are tagged and scheduled.
- Finish products are described correctly.

11 ENLARGED PLANS

**BEFORE YOU ENLARGE A PLAN, MAKE SURE IT IS NECESSARY!**

**ITEMS INDICATED**

- Locations and extent of finishes are clearly indicated and finishes are tagged and scheduled.
- References to details are correct.
- Elevations are selected and referenced correctly.

12 INTERIOR ELEVATIONS

**COORDINATION WITHIN THE SET**

- References to floor plans are the correct.
- References in elevations to details are correct.

**ITEMS INDICATED**

- Locations and extent of finishes are clearly indicated and finishes are tagged and scheduled.
- Elevation is complete and enclosed: Floor, ceiling (show changes in ceiling and floor levels if applicable), side walls or end of walls.
- Openings are crossed and labeled "OPEN".
- Heights are indicated as AFF.
- Room doors and cabinet doors show swing.
- Elevations of the same room are together.
- Elevations of the same room are together.
- Coordinate elevator finishes with elevator representative.

**SHOWERS AND JANITOR ROOMS**

- Showers:
 - Elevations: Show fixtures, bench, shelf for shampoo, soap dish, hook, and curtain/rod.
 - Plans: Indicate curb at non-accessible showers, ramp extension at accessible showers.
 - Partitions on Wet Side: Backboard (not gypsum) on wet side, tile over mortar over waterproofing.
 - Shower Receptacle: Waterproofing under pre-manufactured receptacle and extending to the room (preferred).
- Janitor Rooms:
 - Elevations: Show shelf for cleaning stuff and protective panels to waist height.
 - Plans: Show janitor floor sink.

13 DETAILS

**COORDINATION IN THE SHEET**

- As much as possible keep details of the same family together.
- Check that in details of the same assembly, the assembly shown is the same (size of door frames, type of floor slab, etc).
- Check that items in the details in one group are tagged in the same manner (overhead deck is always "overhead deck", "window" is always "window", etc).

**GRAPHICS**

- Details are grouped by families.
- Tags in the floor plans, interior elevations, and details are the same as in the Finish Schedule.
- Graphic representation of items is consistent.
- Terminology is consistent and correct.

14 GLAZED RAILINGS



COORDINATION WITHIN THE SHEET

- Tag handrails and railings in floor plans, interior elevations, stair details, and as applicable. Check that the tags are the same for each type of handrails and railings.
- Check that in details that include the same assembly specified.



DECORATIVE GLASS RAILINGS

- Locations and extent of railings are clearly indicated, tagged, and dimensioned. Details are labeled correctly.
- Material sizes and types are tagged and indicated. Coordinate terminology with the Specifications.
- Each type of glazing and metals/finish are shown and tagged. Coordinate terminology with the Specifications.
- Anchorage and connection details are included.
- Glazing details are included.
- Railing details at bends and returns, handrail bracket design and connections, and connections of railings to building structure are included.

15 ARCHITECTURAL WOODWOORK



GENERAL

- It is recommended that you download a free PDF of the AWI Standards from here: <https://www.naaws-committee.com/>.
 - Refer to this manual for questions, or call the specifier.
- Do not include construction details which are published in the AWI STANDARDS.
- Do not call out for tolerances or finishes not included in the AWI standards for Custom Grade (for plastic-laminate-faced work) or Premium Grade (for veneer-faced work).
- Refer to the AWI Manual for all questions regarding architectural woodwork.
- You can get a free PDF from here: <https://www.naaws-committee.com/>
- If working in a LEED project make sure that you coordinate either with the specifier or the LEED consultant before you choose your products.
- Each type of wood veneer or plastic laminate used in the project is tagged and scheduled correctly.
- Tags in the interior elevations and details are the same as in the Finish Schedule.
- Correct terminology is used. Use AWI standards or ask specifier.
- Grounds, furring, blocking, and reinforcements needed for installing interior architectural woodwork are shown.

**WOOD VENEERED WALL PANELING**

- Extent of work is indicated correctly, including dimensions of total installation, layout, and panel perimeters.
- Details of panels at floor and ceiling are indicated.
- For wall base matching wood panels, indicate MDF base veneered with same veneer as panel (solid lumber because it never looks like veneer even if same species and cut.)
- The following is scheduled for each type of veneer in the project. (If you do not know what this is, consult the AWI Manual or ask the specifier.)
 - Wood species and cut.
 - Core: MDF (this is important).
 - Layout of veneers within the panel area.
 - Layout of panels at the wall.
 - Finish.
 - Joint Type (reveal, insert, etc.)
 - Installation method (usually clips).
 - Grade: AWI Premium (do not do Custom Grade unless you have a good reason).

**WOOD VENEERED CABINET WORK**

- Extent of work is indicated correctly, including dimensions of all components and relationships to adjacent construction shown.
- Swing of cabinet doors is indicated.
- The following is scheduled:
 - Wood species and cut.
 - Core: MDF (this is important).
 - Layout of veneers within the cabinets (base and wall cabinets).
 - Finish.
 - Grade: AWI Premium (do not do Custom Grade unless you have a good reason).
 - Door pulls (type and finish). Other hardware, like drawer slides and hinges, is indicated in the specs).

**PLASTIC-LAMINATE-CLAD CABINETS**

- Each type of plastic-laminate-clad architectural cabinet is included.
- Extent of work is indicated correctly, including dimensions of all components and relationships to adjacent construction shown.
- Swing of cabinet doors is indicated.
- The following is scheduled:
 - Plastic laminate manufacturer and color.
 - Core: MDF (this is important).
 - Grade: AWI Custom.
 - Door pulls (type and finish). Other hardware, like drawer slides and hinges, is indicated in the specs).

**WOOD VENEERED TRIM**

- This includes door frames, case openings frames, wall base, and other trim.
- Extent of work is indicated.
- Show locations of joints when possible.
- The following is scheduled:
 - Wood species and cut.
 - Core: MDF (this is important).
 - Finish: Match panels.
 - Grade: AWI Premium.

**PAINTED WOOD TRIM**

- Choose Custom Grade.
- This includes door frames, case openings frames, wall base, and other trim.
- Extent of work is indicated.
 - Material: MDF
 - Finish: Painted (painted means opaque)
 - Grade: AWI Custom.

16 COUNTERTOPS

**PLASTIC-LAMINATE-CLAD COUNTERTOPS**

- Extent of countertops and splashes in plan, elevation, and section with dimensions are indicated. If more than one type of countertop or plastic laminate is required, tag.
- Large-scale section details of profiles of countertop edges and splashes.
- Schedule of plastic-laminate products, patterns, colors, and finishes.
- Locations of items requiring cutouts or drilled holes, such as sinks, faucets, soap dispensers, cooktops, etc.

**STONE COUNTERTOPS**

- Extent of stone countertops and splashes in plan, elevation, and section with dimensions indicated. If more than one type of stone or countertop, tag.
- Large-scale section details of profiles of countertop edges and splashes.
- Type of stone and its finish is scheduled.
- Orientation of veining or other pattern.
- Locations, sizes, and configurations of mockups if any.
- Thicknesses of stone. If more than one thickness is required, indicate location of each.
- Locations of items requiring cutouts or drilled holes, such as sinks, faucets, soap dispensers, etc. are indicated.

**SOLID SURFACING COUNTERTOPS**

- Extent of countertops and splashes is indicated and dimensioned in plan, elevation, and section. If more than one type of countertop or solid surface is required, tag
- Large-scale section details of profiles of countertop edges and splashes is included.
- Locations of joints, if any, are shown, unless joint location is left up to the Contractor.
- Locations of items requiring cutouts or drilled holes, such as sinks, faucets, soap dispensers, cooktops, etc.

**QUARTZ AGGLOMERATE COUNTERTOPS (these are products like Cesar Stone)**

- Extent of countertops and splashes is indicated and dimensioned in plan, elevation, and section. If more than one type of countertop is required, indicate each. Tag
- Large-scale section details of profiles of countertop edges and splashes.
- Locations of joints are indicated.
- Locations of items requiring cutouts or drilled holes, such as sinks, faucets, soap dispensers, etc. are indicated.

17 FIRE PROTECTION

**APPLIED FIREPROOFING**

- Locations and extent of fireproofing. **DO NOT indicate thickness unless YOU GET THEM FROM THE MANUFACTURER'S TECHNICAL REPRESENTATIVE.**
- Schedule or details indicating UL-design designations or designations of another testing and inspecting agency for each assembly if required for permitting.
- Locations of restrained beams if designated by the structural engineer.
- Finishes (texture and paint) required for fireproofing exposed to view are indicated - this includes exposed under deck fireproofing. **COORDINATE WITH FIREPROOFING MANUFACTURER.**
- Locations and types of auxiliary materials required.
- Details of fireproofing assemblies using metal lath and lathing accessories, if any.
- Details of construction that encloses or covers fireproofing. Coordinate with fireproofing thickness.
- Details of penetrations through fireproofing showing coordination with firestopping.

**INTUMESCENT FIREPROOFING**

MAKE ABSOLUTELY SURE YOU ARE WORKING WITH INTUMESCENT FIREPROOFING AND NOT INTUMESCENT PAINT". STICK WITH "ALBI" TO MAKE SURE YOU HAVE THE RIGHT PRODUCT.

- Locations and extent of fireproofing. **DO NOT indicate thickness unless YOU GET THEM FROM THE MANUFACTURER'S TECHNICAL REPRESENTATIVE.**
- Finishes required for fireproofing exposed to view are indicated. **COORDINATE WITH FIREPROOFING MANUFACTURER.**
- Schedule or details indicating UL-design designations or designations of another testing and inspecting agency for each assembly if required for permitting.
- Locations and types of auxiliary materials required.
- Locations and extent of mockups.

**PENETRATION FIRESTOPPING - THIS IS FOR PENETRATIONS (HOLES) IN RATED ASSEMBLIES**

- Most of the locations of fireproofing in the project are only known at the time of construction. A few we can identify at the time of documenting the project (for example, electrical boxes in rated partitions) and those are in the Detail library. At the time of construction, a licensed subcontractor will make an inventory of the penetrations and should submit a schedule with the selected assemblies for each case. We only acknowledge that the inventory was made and received by us; we **DO NOT REVIEW IT** for accuracy or completeness.
- If you are adding a detail because of permitting authority requires it, **MAKE SURE** that the assembly was tested by UL or another testing agency. If you cannot find one, call either TREMCO or HILTI.
- **NEVER NEVER NEVER** design your own firestopping assembly.

**JOINT FIRESTOPPING - THIS IS FOR JOINTS IN RATED ASSEMBLIES (HEAD OF RATED PARTITIONS, FOR EXAMPLE)**

- Locations and fire-resistance ratings of joint firestopping are identified. Coordinate with fire-resistance ratings of constructions in which fire-resistive joints are located. In architectural projects, **ALWAYS TALK TO THE MANUFACTURER (TREMCO OR HILTI)** and get the appropriate assembly from them. For interior partitions, if the detail is not in the Detail Library, look in the manufacturers website for tested assemblies or call the manufacturer.
- **DO NOT EVER DESIGN YOUR OWN ASSEMBLY.** If the manufacturer hasn't tested an assembly exactly like yours, they can give you an "engineering judgement".
- Make sure you work with actual joint widths. Coordinate with maximum widths allowed for selected fire-resistive joint systems.
- Details of perimeter fire-resistive joint systems. Show relationships to curtain-wall assemblies, spandrels, and adjoining floor assemblies.

18 DOORS

**DOOR SCHEDULE**

- SEE DOOR SCHEDULE REQUIREMENTS AT THE END OF THIS DOCUMENT.

**COORDINATION WITHIN THE SET**

- All doors types are tagged and tags are the same throughout.
- Coordinate with the Door Schedule, Hardware Groups, and elevations of door types.

**ALUMINUM FRAMES**

- Locations and elevations of aluminum frames. Clearly delineate between aluminum framing systems and other aluminum framing system applications such as interior aluminum framed doors, and glazed partitions.
- Fire ratings for fire-rated doors including temperature rise if applicable.
- Type, color, and type of finish are indicated.
- Glass at sidelines is indicated as "safety glass".
- Glass type(s) and thicknesses if not specified or scheduled.
- Anchorage and support system are indicated.

**FLUSH WOOD DOORS**

- Location and swing of each door.
- Fire ratings for fire-rated doors including temperature rise if applicable. Do not exceed maximum size of vision panels in rated doors.
 - Core: MDF.
 - Material for faces for painted doors (opaque finish): Medium density overlay.
 - Material for faces of veneer doors (transparent finish): Indicate wood veneer species and cut and arrangement of veneers on the door face.
 - Material for faces of plastic-laminate-clad doors: Plastic-laminate product and colors.
- Indicate vision panels on door elevations.
- Doors are finished on four sides - long sides and faces. ONLY if door is visible from above, note FINISH FIVE SIDES INCLUDING TOP. Bottom of door is never finished.

**ALL GLASS ENTRANCES (FRAMELESS GLASS DOORS)**

- Locations and extent of all-glass entrance systems are indicated.
- Type, color, and finish if more than one of each is required are tagged.
- Glass type and thickness is indicated.
- Dimensions and configuration requirements of all-glass systems, including swing (hand) or slide directions for all-glass entrance doors is indicated.
- Patch-,rail-,and accessory-fitting requirements are indicated.
- Locations and requirements of push-pull and exit devices and other hardware, to the extent not specified. Use a hardware schedule if requirements are not fully specified.
- Anchorage and overhead steel support requirements is indicated.
- Coordination with adjacent construction has been done.

**OVERHEAD ROLLING FIRE DOORS - INTERIOR**

- Door types, locations, and dimensions.
- Details of head and jamb conditions and guide mounting.
- Door operation method. Indicate chain or electric motor operator and location of these devices.
- Mounting details for door.
- Coordinate with electrical Drawings.
- Locations of smoke and fire-alarm indicators.
- Check related walls and construction for fire-rated doors. Ensure equal or greater fire resistance. Verify that fire-tested door has the same wall construction rating.

19 INTERIOR GLAZED PARTITIONS

**COORDINATION WITHIN THE SET**

- Coordinate with Floor Plans Elevations, Door Schedule, Hardware Schedule, and door/frame elevations, and with glass partitions and windows.

**INTERIOR GLAZED PARTITIONS**

- Extent and the location of each different glass product and glazing system.
- Detail of joints for butt glazing.
- Tag different types of glazing units.
- Dimensions of assemblies. Show framing system or glass opening dimensions rather than actual sizes (width and height) of glass lites.
- Complete glazing details. Show glazing channels or rabbets and the kind of glazing method required for each. If wet glazing is specified, indicate "silicone sealant" - product should be in the specs.
- Indicate locations of glass with patterns, film, or designs in plans and show layout in interior elevations.

20 DOOR HARDWARE

**COORDINATE WITH FLOOR PLANS, ELEVATIONS, DOOR SCHEDULE AND DOOR/FRAME ELEVATIONS**

- Tag of each door opening on plans and in a door and frame schedule.
- Hardware group for each door, tag with the door and in the Door Schedule.
- Hand of each door and degree of swing.
- Size, exposure, special clearances, and so forth, for each door
- Special characteristics of doors. Include fire-protection rating, sound rating, and radiation protection requirements.
- For pairs of doors, location of active leaf.
- Special door hardware installation requirements if any. Include unusual security or fasteners, and so forth.
- Mounting locations if different from those specified or indicated in referenced standards.
- Heights and locations of armor, kick, mop, and stretcher plates.
- Locations and details of weather stripping, sound seals, and thresholds.
- Coordination of electrified hardware locations with electrical power supply.

- The following information for each is included the door schedule:
 - Door mark or number.
 - Key to door elevation.
 - Door dimensions including thickness.
 - Door construction.
 - Frame material and finish.
 - Hardware set required.

20 GLAZING

**COORDINATION WITHIN THE SET**

- Coordinate with Floor Plans Elevations, Door Schedule, Hardware Schedule, and door/frame elevations, and with glass partitions and windows.

**GLASS**

- Extent and the location of each different glass product and glazing system.
- Detail of joints for butt glazing.
- Tags for different types of glazing units.
- Dimensions of assemblies. Show framing system or glass opening dimensions rather than actual sizes (width and height) of glass lites.
- Complete glazing details. Show glazing channels or rabbets and the kind of glazing method required for each. If wet glazing is specified, indicate the silicone sealant.
- Indicate locations of glass with patterns, film, or designs in plans and show layout in interior elevations.

**MIRRORS**

- Location of each type of mirror.
- Size and shape of each mirror unit; sizes, shapes, and locations of cutouts and notches.
- All mirrors are safety glass.
- Method of mounting or support.

**FIRE-RESISTANT GLAZING**

- Extent and location of each different fire-resistant glass product. Tag each type of product and rating.
- Dimensions of assemblies.
- Unless Contractor is allowed to use any glazing method approved by testing agencies that list and label fire-resistant glazing products, show complete glazing details. Show glazing channels and the kind of glazing method required for each.

20 CERAMIC AND STONE TILING

**CERAMIC TILING**

- Show extent of tile work on plans, elevations, and sections. If more than one type is included (size, variety, finish, etc.) each type is scheduled; show extent of each. All tile products are tagged and tags are the same throughout.
- Location of each floor and wall installation. Coordinate tagging.
- Jointing patterns. Show where tile joints must line up with one another and with other joints.
- Locations and details of trim, thresholds, and special shapes. Coordinate threshold profiles with requirements for accessibility by disabled persons.
- Extent of tile backing panels and waterproofing at "wet walls" (walls that get water or steam).
- Locations of slopes to drain.
- Locations of metal edge strips.
- Locations of accessories and specialties affecting tile work.
- Location of control and expansion joints.
- Type and finish of stone tile are scheduled.
- Large format tile or heavy stone tile at walls: Check installation type and backing board.
- Large format tile at floors: Check installation type.

21 CEILINGS

**GENERAL**

- Tags in floor plans and details are the same as in the Finish Schedule.
- Use correct terminology. Refer to Template attached.
- Ceiling tags are the same correct and the same throughout the set.
- All suspended ceilings systems are **Heavy Duty** structural classification. **NO EXCEPTIONS!**

**SUSPENDED ACOUSTICAL PANEL CEILING**

- Extent of acoustical panel ceilings.
- Heights of ceilings above finish floors.
- Location where each type of panel is required.
- Locations of other ceiling features such as edge moldings, trim accessories, rolling shades pockets, partition pockets, light fixtures, air diffusers, speakers, sprinklers, safety and security devices, ceiling mounted equipment, and other ceiling-mounted items, in relation to the acoustical ceiling layout.
- Locations where ceilings are integral with fire-resistance-rated construction.
- Details of conditions at changes in the ceiling elevation such as soffits, fasciae, drapery pockets, and beams; and condition at changes in the ceiling construction such as from acoustical panel to gypsum board ceiling or at building expansion joints.
- Tenant Spaces: Extent of partial installation, if any.
- Layout of units and exposed suspension members. Show sizes, placement, and directions of long dimensions of units; layout of border; transition; and special accent areas.
- Details of seismic restraints, including clips, stabilizer bars, and struts.
- Details of partition bracing in the plenum and partitions higher than ceilings.
- Details of hangers attachment to under deck and structural supports.

**ACOUSTICAL METAL PAN CEILINGS**

- Extent of acoustical metal pan ceilings. Show details of condition at changes in ceiling elevation such as soffits, fasciae, drapery pockets, and beams, and condition at changes of ceiling construction such as from acoustical panel to gypsum board ceiling or at building expansion joints.
- Indicate the location of acoustical metal pan ceiling on the RCPs and tag.
- Extent of mockups. Show sizes, locations, and details.
- Extent of partial installation in tenant spaces. Show locations or add requirements to the Section Text if some units are installed to receive other ceiling features.
- Layouts of metal pans. Show sizes, placement, and directions of long dimensions of units; layout of border, transition, and special accent areas.
- Locations of other ceiling features such as edge moldings, trim accessories, rolling shade pockets, partition pockets, light fixtures, air diffusers, speakers, sprinklers, safety and security devices, and other ceiling-mounted items, in relation to the acoustical metal pan ceiling layout.
- Details of seismic restraints.
- Anchorage and installation details.

**LINEAR METAL CEILINGS**

- Extent of each type of linear metal ceiling. Show details of changes in ceiling height, such as soffits, fasciae, drapery pockets, and beams as well as details at changes in ceiling construction, such as from linear metal ceiling to gypsum board ceiling or at building expansion joints.
- Extent of mockups. Show sizes, locations, and details.
- Extent of expansion carriers and flexible radius carriers if any.
- Extent of partial installation in tenant spaces. Show locations or add requirements to the Section Text if some units are installed to receive other ceiling features.
- Layouts of linear metal pans. Show sizes, placement, and directions of long dimensions of units; and layouts of border, transition, and special accent areas. Show locations of filler strips.
- Locations of other ceiling features, such as edge moldings, trim accessories, drapery pockets, light fixtures, air diffusers and grilles, speakers, sprinklers, safety and security devices, audio/visual equipment, and other ceiling-mounted items, in relation to ceiling layout.
- Special ceiling patterns created by using different units, arrangement of units with directional patterns, combinations of colors among units, and unperforated units in conjunction with areas of perforated units.
- End cap, edge molding, and trim details.
- Details of seismic restraints.
- Anchorage and installation details.

**STRETCHED-FABRIC CEILING SYSTEMS**

- Location and extent of each color, pattern, and type of stretched-fabric ceiling system product. Tag different types of stretched-fabric ceiling systems if more than one.
- Sizes of stretched-fabric ceiling system installations and panels.
- Planar relationship to adjacent construction, mounting height, and alignment with other systems.
- Orientation of fabric directional weaves, placement of matching and repeating patterns, and location and type of seams if any.
- Details of joints and reveals between systems and panels and at corners if critical to the Project.
- Dimensions of frame-edge profiles and profile radius or angle if critical to the Project.
- Edge reveals and decorative trim if any.
- Details at wall and ceiling intersections. Show location of doors, lighting fixtures, air outlets and inlets, speakers, sprinklers, access panels, and other adjacent work.
- Details at cutouts and penetrations for other work.
- Locations, sizes, and other details of mockups if not specified.

22 FLOORING

**RESILIENT SHEET FLOORING**

- Location and extent of each different type, color, texture, and pattern of resilient sheet flooring in finish schedules or on floor plans. Tags are the same throughout.
- Locations and extent of resilient base and accessories.
- Details of integral-flash-cove base.
- Details of special patterns.
- Location of built-in items and demountable partitions set on top of resilient sheet floor coverings.
- Details of special installation conditions. Include seam-location requirements.

**RESILIENT TILE FLOORING**

- Location and extent of each different color, size, type, material, style, and design of resilient floor tile in finish schedules or on floor plans. Tag each type of tile flooring.
- Locations and extent of resilient base and accessories'
- Details of special patterns.
- Built-in items and demountable partitions set on top of resilient floor tile.
- Details of special installation conditions.

**WOOD FLOORING**

- Location and extent of each type, species, cut, finish, color, pattern, and size of wood flooring. Check the wood flooring types are tagged and that the tags are the same throughout.
- Borders and patterns created by wood flooring. Include wood species and the orientation of flooring in the space.
- Details and locations of wood and metal feature strips if any.
- Details and locations of trim and moldings that match wood flooring. Include thresholds, reducer strips, nosings, base, shoe, and stair risers and treads. Indicate sizes to extent not specified.
- Details to accommodate expansion.
- Details of wood flooring interface with supporting construction. Include locations of sleepers, vapor retarders, underlayment, and underfloor ventilation.
- Details of unusual edge conditions, profiles, plugged screw holes, and similar features.
- If used, locations of acoustical underlayment.

**STATIC CONTROL RESILIENT FLOORING**

- Location and extent of each different color, size, and type of static-control resilient flooring in finish schedule or on floor plans. Check that all types of static control flooring are tagged and that the tags are the same throughout.
- Locations of grounding strips and details of ground connections. If more than one static- control resilient flooring product is acceptable, show locations for the maximum number of ground connections that could be required for the products selected.
- Locations and extent of resilient accessories.
- Special details of integral-flash-cove base.
- Special seaming patterns requiring graphic depiction.
- Built-in items and demountable partitions set on top of static-control resilient flooring.
- Details of special installation conditions.

**SHEET CARPETING**

- Location and extent of each type, material, pattern, and color of carpet specified in this Section. Show in a finish schedule or on floor plans. Check that all carpet types are tagged and the tags are the same throughout.
- Carpet Cushion: Location and extent of each type and thickness of carpet cushion. Show in a finish schedule or on floor plans. Use carpet cushion designations inserted in Part 2 to coordinate the Drawings with the Specifications.
- Locations and details of carpet patterns and borders if any.
- Direction of pattern established by seaming plan.
- Direction of pile.
- Locations and extent of resilient accessories if any. Add requirements to the Section Text.
- Location and the height of carpet when used as wall base.
- Carpet joint details at access doors, expansion joints, flooring transitions, and edges.
- Built-in items and demountable partitions set on top of carpet.

- Details of other special installation conditions if any.

**TILE CARPETING**

- Location and extent of each type, material, pattern, and color of carpet tile specified in this Section. Show in a finish schedule or on floor plans. Use carpet tile designations inserted in Part 2 to coordinate the Drawings with the Specifications.
- Locations and extent of resilient accessories.
- Carpet tile joint details at access doors, doorways, expansion joints, flooring transitions, and edges.
- Built-in items and demountable partitions set on the top of carpet tile.
- Details of special installation conditions such as carpet tile wall base.
- Pile-direction patterns. Pile direction is commonly indicated on the back of the carpet tile.

23 WALL FINISHES

**GENERAL**

- Make sure that materials chosen are allowed to be used as wall coverings.
- In all cases consider maintenance.
- Tags in the interior elevations and details are the same as in the Finish Schedule.
- Correct terminology. Refer to Template attached.

**FABRIC-WRAPPED PANELS (SITE ASSEMBLED)**

- Extent of work is indicated correctly, including dimensions of total installation, layout, and panel size.
- Relationship to adjacent construction, mounting heights, and alignment with other units
- Details of joints between panels and at corners if critical to the Project.
- Mounting details.
- Details at ceiling, floor base, and wall intersections.
- Coordinate location of outlets, switches, thermostats, and other work.
- The following is scheduled:
 - Tag.
 - Core material (Micore from USG IS recommended).
 - Fabric material.
 - Contact.

**STRETCHED-FABRIC WALL SYSTEMS**

- Extent of work is indicated correctly, including dimensions of total installation, layout, and panel size.
- Relationship to adjacent construction, mounting heights, and alignment with other units
- Details of joints between panels and at corners if critical to the Project.
- Mounting details.
- Details at ceiling, floor base, and wall intersections.
- Coordinate location of outlets, switches, thermostats, and other work.
- The following is scheduled:
 - Tag.
 - Core material (Micore from USG IS recommended).
 - Fabric material (product, color, width).
 - Contact.

**FABRIC WALL COVERINGS**

- Extent and the location of each type of wall covering and orientation.
 - Details and locations of perimeter-edge molding.
 - Horizontal and vertical terminations.
 - Seam locations, if applicable.
- The following is scheduled:
- Tag.
 - Material (product, color, width).
 - Contact.

**WOOD BOARD PANELS**

- Extent of work is indicated correctly, including dimensions of total installation, layout, and panel size.
- Relationship to adjacent construction, mounting heights, and alignment with other units
- Details of joints between panels and at corners if critical to the Project.
- Mounting details.
- Details at ceiling, floor base, and wall intersections.
- Coordinate location of outlets, switches, thermostats, and other work.
- The following is scheduled:
 - Tag.
 - Material (MDF when possible).
 - Finish: [Painted] [Transparent stained] [Insert].

25 SPECIALTIES

**FOODSERVICE EQUIPMENT**

- Coordinate the following:
 - Locations and the extent of foodservice equipment including dimensioned equipment layouts, elevations, and sections.
 - Fire-extinguishing system requirements.
 - Interconnections with the building's fire-alarm system.
 - Details of retainer curbs, floor depressions, and raised equipment bases.
 - Locations and details of floor sinks and drains coordinated with locations of the equipment they serve.

**ACCESS FLOORING**

- Locations and extent of access flooring.
- Basic floor-grid sizes. The standard dimensions are 24 by 24 inches.
- Locations of perforated panels or grates, and of underfloor plenum dividers.
- Details of sealing underfloor plenum against air leakage.
- Details of system applications not standard with manufacturers.
- Elevations of substrate and finished floor.
- Locations, dimensions, and details of stairs, ramps, and railings if any.
- Locations and sizes of cutouts, service outlets, grilles, registers, closures, and other accessories. Indicate locations of cutouts requiring grommets or trimmed edges.
- Types, colors, and patterns (as applicable) of floor coverings.
- Floor loading if in excess of that specified.

**FOLDING PANEL PARTITIONS**

- Locations and extent of operable panel partitions.
- Locations of pass doors. Show the swing of each pass door.
- Reflected ceiling plan with panel stacking configuration(s), pocket and pocket-door dimensions, track, switches, and intersections.
- Elevations of operable panel partitions with dimensions. Indicate pass doors, chalkboards, markerboards, tackboards, chalk trays, exit signs, chair rails, or other partition-mounted accessories.
- Joint and seam locations and pattern matching of facings and work surfaces if any.
- Details of jambs, closures, trim, and intersections at ceilings, columns, posts, and permanent walls.
- Details showing continuity of acoustical construction at walls and jambs in rooms formed by operable panel partitions. Include acoustical details of plenum sound closure, sound attenuating ducts, and floor sound barrier. See ASTM E 557 for recommended details.
- Continuity of fire-rated construction at ends and above operable fire-rated panel systems.
- Details of intersections of multiple operable panel partitions.
- Details of overhead support structure and mounting for track.
- Seismic-restraint details for overhead support structure and attachment of track.
- Schedule of partition finishes.
- Locations of motor operators and controls if any, and details of mounting and support.
- Locations of sprinklers required by some model codes for use with some finish-facing options.
- Sheet Notes (USE when the structural engineer has not provided these items):
 - Provide blocking and reinforcement, overhead support and mounting of track, and seismic restrains as required for installation of folding partitions.

**ENTRANCE FLOOR MATS AND FRAMES**

- Identification and location of each mat or mat area, with dimensions on plans. Indicate whether mats are recessed or surface type. Tag.
- Types, colors, patterns, and material or finish variations if not specified.
- Layouts of joint locations in multiple-unit mats unless manufacturer's recommended size limitations are acceptable.
- Primary traffic direction if the mat is directional by nature and there is cross traffic.
- Layout of interwoven or inlaid designs and directions of the mat's exposed elements if the mat is directional.
- Dimensioned layout of concrete floor depressions where recessed mat frames are to be installed.
- Details of top surface of recessed mats and frames and relationship with top surface of adjoining floor surfaces.
- Details of frames showing specific profile requirements, anchorages, and recess depths. Note where and how surface-applied frames are anchored to the floor.
- Details of conditions requiring special coordination. Include adjoining wall bases, floor finishes, and integration with terrazzo stripping and similar features.

**ENTRANCE FLOOR GRILLES**

- Identification and location of each floor grille or grille area. Include dimensions. Tag.
- Types, colors, patterns, profiles, and material or finish variations if not specified.
- Layouts of joint locations in multiple-unit floor grilles unless manufacturer's recommended size limitations are acceptable.
- Primary traffic direction and secondary cross-traffic direction if any can be anticipated.
- Dimensioned layout of concrete floor depressions where recessed floor grilles and frames are to be installed. Include any necessary reinforcement adjustments.
- Details of frames showing specific profile requirements, anchorages, recess or pit depths, and drainage requirements, if any, coordinated with plumbing Drawings.
- Details of conditions requiring special coordination. Include adjoining wall bases, floor finishes, and integration with terrazzo stripping and similar features.

**METAL LOCKERS**

- Locations, widths, depths, heights, door swings, and the number of metal locker units on plans.
- Numeric designation for each type of locker unit indicated on plans. Coordinate with drawing designation indicated in the Specifications.
- Types, configurations, combinations, and arrangements of locker units on elevations. Coordinate with drawing designation indicated in the Specifications.
- Locations of different colors or combinations of colors among metal lockers or groups of metal lockers if more than one is specified.
- Sizes of any recessed openings. Include detail sections of jamb, base, and head showing trim conditions.
- Locations of ventilation perforations on plans or sections if other than the manufacturer's standard.
- Locker numbering sequence.
- Typical interior layout of equipment and shelving if other than the manufacturer's standard. Include locations and dimensions of security boxes, security compartments, and footlockers.
- Locations and sizes of corner and filler panels.
- Identification of accessible lockers and benches. Include accessible door and lock/latch heights, shelf heights, and the location of accessible lockers. Show accessible route through locker room, turning spaces, and locations, dimensions, and construction of accessible benches.
- Types, arrangements, sizes, construction, and details of metal locker bases.
- Locations, dimensions, and construction of locker benches.
- Sheet Notes:
 - Provide furring and blocking needed for locker installation.
 - Provide attachments for seismic restraint.

**ROLLER SHADES (MECHOSHADE TYPE)**

- Locations, sizes, and details of mockups if any.
- Locations of roller shades along with their various lengths, shade-band materials, installation accessories, special components, fire-test-response characteristics, types of operation (manual or motorized), and control locations and types.
- Locations of inline, multi-band roller shades operated by a single drive roller if any.
- Installation details. Include support locations and mounting details of rollers, fasciae, head-boxes, shade pockets, side channels, and sill channels or angles.
- Positions of installed shades relative to glazing surfaces, glazing frames, and adjacent construction.
- Locations of HVAC supply and return devices relative to locations of shades.
- Coordination of roller shade assemblies with ceiling-plane elements.
- Coordination of roller shades with audio-visual system if any.
- Connections of motor operators and controls to electrical supply on electrical Drawings. Indicate shades to be operated by each control.

24 TOILETS AND BATHROOMS

**PLASTIC LAMINATE TOILET COMPARTMENTS**

- For RMW projects, the preferred installation method for new or remodeling work is “OVERHEAD BRACED” which will give stability to the compartments but does not involve extensive coordination with the ceiling which increases cost and complicates the work.
- Extent of toilet compartments. Identify each type and style required.
- Dimensioned plan layouts indicate door swings and non-standard door sizes (if any).
- Urinal screens in elevations and plans, if used.
- Coordination of compartment layout with plumbing layout, including location of floor drain.
- Coordination of compartment and bracing heights with wall tile layout.
- Dimensioned elevations showing accessories.
- Schedules include the following:
 - Plastic laminate manufacturer and color.
 - Compartment manufacturer and product (check with specifier).

**STAINLESS STEEL TOILET COMPARTMENTS**

- Extent of toilet compartments. Tag types of compartments.
- Dimensioned plan layouts showing door swings and door sizes for accessible units.
- Compartments and toilet-room areas accessible to people with disabilities, minimum dimensions required for accessibility, accessories, and grab bars attached to compartments; according to the requirements of authorities having jurisdiction.
- Coordination of compartment layout with plumbing layout, including location of floor drains.
- Coordination of compartment and bracing heights with wall tile layout.
- Dimensioned elevations. Indicate accessory locations. Indicate pilaster, door, panel, and screen heights.
- Stainless steel finish designations for each bathroom if more than one is required.

**TOILET ACCESSORIES**

- Location, mounting height, type, and size of each accessory specified.
- Coordinate locations with required use and service clearances.
- Coordinate locations with requirements for access by people with disabilities.
- Coordinate accessories that are recessed into wall or partition construction with wall depth, and coordinate requirements for fire-resistance-rated construction.
- Show configurations and lengths of grab bars to extent not specified.
- Details of special installation conditions, including anchorage to substrates.
- Electrical connections to warm-air dryers.

25 FIRE PROTECTION SPECIALTIES

**FIRE EXTINGUISHER CABINETS**

- Proposed locations of fire-protection cabinets (for permitting).
- Indication of recessed, semi-recessed, or surface mounting for each cabinet and coordination with partitions types (widths and fire-ratings, sound -ratings, and such).
- Elevations showing mounting heights of fire-protection cabinets and mounting brackets.
- Details of fire-protection cabinet installations, whether recessed, semi-recessed, or surface mounted.
- Details of wall construction supporting mounting brackets or fire-protection cabinets, and locations of concealed blocking and reinforcement.
- Sizes of recessed openings, with detail sections of jamb, sill, and head. Coordinate with wall thicknesses and other dimensions required for recessed and semi-recessed fire-protection cabinets.
- Details of installation of fire-rated, fire-protection cabinets in fire-rated walls.
- Critical dimensions for accessibility.
- Placement, sizes, graphic content, and colors of custom graphics or signage on cabinets or adjacent walls if any.
- Locations of knockouts for hose and valve cabinets and hose-valve cabinets. Coordinate with mechanical Drawings.
- Locations of fire-protection cabinets with door-activated alarms if audible alarms are required to discourage or detect vandalism.
- Wiring for indicator lights and audible alarms. Coordinate with electrical Drawings.

**FIRE EXTINGUISHERS**

- Proposed locations of portable fire extinguishers mounted on the wall without cabinet.
- Elevations showing mounting heights of mounting brackets.
- Placement, sizes, graphic content, and colors of custom graphics or signage on adjacent walls if any.
- Schedule and location of fire extinguishers if more than one type.

26 SCHEDULES ORGANIZATION

**FINISHES SCHEDULE**

- Materials are grouped by types (all carpet products together; paint colors together, etc.)
- Tags in the interior elevations and details are the same as in the Finish Schedule.
- Correct terminology. Refer to Template attached.
- **TAGS ARE TAKEN FROM THE SPECS.** Change them if you are used to other designations.

27 RCP SCHEDULE

CHECK typical info (entries are examples only)

APC1

- Type: Acoustical Panel Ceiling
- Classification: Heavy Duty
- Panel Product: [Insert manufacturer and product]
- Color: White [Insert]
- Size: 24" by 24" [Insert]
- Suspension System Product: [Insert manufacturer and product]
- Suspension System Color: White [Insert]

GC1

- Type: Gypsum Suspended Ceiling
- Panel Product: USG SHEETROCK® Ultra-light panels
- Thickness: 1/2"
- Suspension System Typ: USG Drywall Suspension System
- Suspension System at Corridors: USG Drywall
- Classification: Heavy Duty

NOTE: GYPSUM BOARD CEILINGS CAN ALSO BE SUSPENDED WITH REGULAR STEEL FRAMING (STUDS AND CHANNELS.)

28 FINISHES SCHEDULE

FLOOR FINISHES

CF1 CONCRETE FLOOR

- Finish: Polished.
- Product: [Insert].
- Color: [Insert].
- Polish Level: [Insert].
- Contact: [Insert rep's info]

CF2 CONCRETE FLOOR

- Finish: Sealed
- Product: [Insert Sealer-Densifier]
- Contact: [Insert rep's info]
- Contact: [Insert rep's info]

CS1 CARPET SHEET

- Product: [Insert manufacturer and product].
- Color: [Insert]
- Installation: [Direct-glue-down installation [Double-glue-down installation]
- Contact: [Insert rep's info]

CT1 CARPET TILE

- Product: [Insert].
- Color:[Insert]
- Size: [Insert]

- Contact: [Insert rep's info]

RF1 RESILIENT FLOORING

- Product: [Insert].
- Material: Sheet, Vinyl.
- Thickness: 1/8 inch.
- Color: [Insert]
- Contact: [Insert rep's info]

RF2 RESILIENT TILE FLOORING

- Product: [Insert Manufacturer and Product]
Material: Recycled Rubber [Insert]
Thickness: 1/8 inch [Insert]
Size: 36" by 36" [Insert]
Color: [Insert]
- Contact: [Insert rep's info]

CERAMIC OR STONE TILE FLOORING

- Product: [Insert].
- Material: Ceramic Tile.
- Size: [Insert]
- Thickness: 1/8 inch.
- Color: [Insert]
- Finish (for stone)
- Contact: [Insert rep's info]

WB1 WALL BASE

- Wall Base Type: [Coved] [Straight]
- Wall Base Product: [Insert]
- Wall Base Color: [Insert]
- Contact: [Insert rep's info]

WALL FINISHES

WP1 WALL PAINT

- Color: [Insert]
- Manufacturer: [Insert]

NOTE: PAINT MANUFACTURERS IN THE FINISH SCHEDULES ARE LISTED **ONLY FOR COLOR IDENTIFICATION**. THE MANUFACTURES of products to be used in the project are included in the Specifications, scheduled by substrates and listed as systems.

WC1 WALL COVERING

- Product: [Insert]
- Material: [Insert]
- Color: [Insert]
- Module Size: [Insert]
- Installation: Adhered
- Contact: [Insert rep's info]

WP1 FIBER-REINFORCED WALL PANELS (FRP) at Janitor Rooms (utilitarian):

- Product: [Insert].
- Color: [Insert]
- Contact: [Insert rep's info]

WP3 PLASTIC PANELS:

- Product: [Insert].
- Color: [Insert]
- Module Size: [Insert]
- Installation: Adhered
- Contact: [Insert rep's info]

WT1 WALL TILE

- Product: [Insert product and manufacturer]
- Type: [Ceramic tile] [Insert]
- Face Size: [Insert]
- Thickness: [Insert]
- Color: [Insert]
- Installation: [Thin set over gypsum board] [Thinset over waterproofing over tile backer board]
- Grout Product:
- Grout Color:
- Contact: [Insert rep's info]

WP1 WALL PROTECTION

- Type: [Corner Guards]
- Product: [Insert product and manufacturer]
- Material: [Plastic] [Stainless steel]
- Size: [2" wide each side] [Insert]
- Length: 48 inches [Insert]
- Color: [Insert]
- Installation: Adhered [Insert]
- Contact: [Insert rep's info]

ARCHITECTURAL WOODWORK

CW1 CABINET WORK plastic laminate clad

- AWI Grade: Custom, Flush Overlay
- Core Material: MDF
- Exposed Surfaces Material: Plastic Laminate
- Product: [Insert]
- Color: [Insert]
- Semi-Exposed Surfaces Material: Melamine
- Color: White [Insert]
- Hinges: European Type, 180 degree opening unless opening is restricted by adjacent construction, self-closing
- Shelf Support: Adjustable, installed at sides
- Wire Pulls: Back Mounted, 5" long
- Drawer Slides: Side mounted, full extension
- Exposed Hardware Finish: [Satin Stainless Steel] [Insert]

CT1 COUNTERTOP

- AWI Grade: Custom
- Core Material: MDF

- Exposed Surfaces Material: Plastic Laminate
- Product: [Insert]
- Color: [Insert]
- Contact: [Insert rep's info]
- Semi-Exposed Surfaces: Melamine
- Color: [White] [Black]
- Edge: As detailed [Insert]
- Backsplash: As detailed [Insert]

CT2 COUNTERTOP

- Material: Quartz Agglomerate [1/2"] [3/4"] thick
- Product: [Insert]
- Color: [Insert]
- Contact: [Insert rep's info]
- Edge: As detailed [Insert]
- Backsplash: [1/2"] [3/4"]
- Backsplash Top: As detailed
- Joints: Bonded.

GLAZED ASSEMBLIES**GL1 GLASS for ceiling height partitions and sidelines; butt glazing; all-glass doors**

- Type: Safety Glass - [Fully Tempered Single Panel] [Laminated]
- Color: [Clear] [Insert]
- Thickness: As required by structural performance but not less than 1/2inch
- Butt Edges: Smooth ground.

GL2 GLASS for locations that do not require safety glass USE CAREFULLY!

- Type: Annealed or Heat Strengthened Single Panel
- Color: [Clear] [Insert]
- Provide heat strengthened glass where required by structural performance.
- Thickness: As required by structural performance but not less than [1/4"] [1/2"]

GL1 DECORATIVE GLASS this is glass with film

- Type: Safety Glass: [Fully Tempered Single Panel] [Laminated]
- Color: Clear
- Thickness: As required by structural performance but not less than 1/2 inch.
- Glass Film: Apply as indicated in the interior elevations
- Film Product; [Insert]
- Contact: [Insert rep's info]

MI1 MIRROR

- Grade: Glazing
- Coating: No copper or lead.
- Glass: [Clear, fully tempered] [Annealed Film Backed] complying with 6 CFR 1201, Category II
- Hardware: Aluminum J Channels and Clip
- Installation: Mastic and mirror hardware.
- Thickness: As required by structural performance but not less than [1/4"] [1/2"].

29 BATHROOM ACCESSORIES

ENTRIES ARE EXAMPLES ONLY; CHECK YOUR PROJECT.

SHOWER ACCESSORIES

- Bench for side wall in Dressing/Shower Area, roll-in compartment.
- Product: Bobrick B5193 Folding Shower/Dressing Area
- Towel Bar wall mounted 24" long
- Product: Bobrick B 530 x 24 Extra-Heavy Towel Bar
- Surface-Mounted Soap Dish:
- Product; Bobrick B68
- Curtain Rod 48" long
- Bobrick B6103 x48
- Shower Vinyl Curtain:
- Product: Bobrick V204 curtain with B204 hooks
- Contact: [Insert rep's info]

30 DOOR SCHEDULE

CHECK Typical Information (entries are examples only)

- Room Name and Number
- Door Number
- Door Dimensions
- Door Thickness:
- Wood doors:
 - Product:
 - Door Type: Flush wood
 - AWI Grade: Custom
 - Door Face: MDF painted.
 - Color: [Insert]
- Hollow Metal Doors:
 - Product:
 - Grade:
 - Door Type: Flush SDI
 - Face: Primed steel to be field painted
- Aluminum Frames:
 - Product:
 - Details at Head, Jamb and Threshold
- Glass Type
- Louver Type
- Assembly Rating (be consistent; indicate either minutes or hours, not both; i.e. 20-MINS, 90-MINS; not 20-MINS, 1 ½ Hrs.)
- Hardware groups and threshold.
- Miscellaneous information, such as Card Reader where applicable, etc.
- Remarks – for example: "OWNER-PROVIDED, CONTRACTOR TO INSTALL".

GRAPHICS

- Doors:

[INSERT Project Name.]
[INSERT Project Number]
[INSERT date]

- Sizes and types of units, by elevation.
- Details of head, jamb at door and sidelight.
- Hardware mounting heights.
- Security and access systems mounting heights.
- Aluminum or hollow metal frames.
- Vision panels and louvers shown.
- Frames material and finish.

END OF TECH-CHECKLIST