Design Assist Services

Our fabrication process is strengthened by our design assist services which streamline aesthetic development and engineering in the early phases of a project.

Working with architects, designers and artists, the Design Assist refines project details, expedites production schedules, resolves materiality exploration, reduces cost and better expresses the design intent.
Situated at a crucial point between design and fabrication development, a Design Assist with a specialty fabricator is catered to develop scope with architects, contractors or clients to accommodate feasible fabrication methodologies and efficient installation. This streamlines the production workflow to clear up any potential roadblocks that could occur during the project’s implementation.
Key focus areas include:

- Design Intent
- Detail Refinement
- Fabrication Means
- Material Specifications
- Budget Confirmation
- Trade Coordination
Design Intent

Projects require sensitive attention to maintain aesthetic visions. We bring our expertise to develop designs for feasibility while preserving design intent with fabrication in mind.
Detail Refinement

There are many occasions when the simplest design conditions become the most complex to develop for fabrication. Some designs are so complex, they require a fabricator to be onboard early in the design process to develop the system prior to CDs.

With thoughtful design engineering we refine project conditions to be realized in our shop or in the field, while still maintaining design intent. Using both computational design and traditional fabrication knowledge, we are able to translate design solutions into feasible construction methodologies. Considerations for these details are also developed with safety, practicality and efficiency in mind.
Material Specification

Material choices are critical to overcoming project challenges. Whether these include exterior applications, aesthetics, durability or maintenance, our team is ready to assess various project conditions and undertake material explorations to best advise on a product that will perform and contribute to your design’s success.
All additional charges will be the responsibility of the signatory, whether written or verbal, during the drawing review process, and/or after the date of signature will be subject to the project. Any changes in design intent or to these details by the signatory, whether written or verbal, during the drawing review process, and/or after the date of signature will be subject to additional design, manufacturing and installation charges.

ARCHITECT NOTE:
- Eased edge, Typ.
- 1/16" GAP
- Horizontal seams approximately 1 1/2" high.
- Horizontal joint, dry stack, Typ.
- Vertical butt joint, no gaps.
- Faceted bottom of transition, Typ.
- Glued to plywood with 1" Typ.
- Glued to plywood with 1/8" GAP
- Armature, Armature
- Lettered, Typ.

SHOP ISSUES AND REVISIONS
- Date
- Item
- Description
- Qty
- DN
- Unit
- Price
- Comments

14

404.00

1/16" HORIZONTAL SEAM, BY OTHERS, TYP.

CEILING, WD-03-INT, T&G, ATTACHED TO BLOCKING BY OTHERS, TYP.

ATTACHED TO BLOCKING BY & INSTALLED BY OTHERS, TYP.

TOE BOX 4 1/4"

TYP.

2 1/2" 2"

ATTACHMENT @ VESTIBULE - SECTION DETAIL @ CANOPY

F.O. SS 1 3/8"

18 GA STAINLESS STEEL, #3 FINISH, GLUED TO TOE BOX.

ABOVE

+ 9'-10 3/4"

B.O. STEEL 2 3/4"

VERIFIED

+ 0'-5"

+ 13'-2"

CONC. BEAM B.O. EXST.

07 1'-9 13/16"

GYP. WALL, PROVIDED & INSTALLED BY OTHERS, TYP.

1/4" GAP

SEAM

HORIZ. SEAM

2'-4" TYP.

2'-1 1/2"

2'-6"

2'-10 1/2" F.O. PLYWOOD BLOCKING, BY

WD-01-INT ON PLYWOOD

WD-03-INT, MITERED & STACKED, TYP.

HORIZONTAL JOINT, DRY FINISH FLOOR

1/8" GAP

1" TYP.

2'-4" TYP.

3" 1/16" GAP

WD-01-INT, NAILED & INSTALLED BY OTHERS, TYP.

WD-03-INT, T&G, ATTACHED TO BLOCKING BY OTHERS, TYP.

WD-01-EXT, NAILED & INSTALLED BY OTHERS, TYP.

WD-03-EXT, T&G, TYP.

3/4" THICK, FSC CERTIFIED, ACCOYA PINE GRADE A1

3/4" THICK, FSC CERTIFIED, ACCOYA PINE GRADE A1

7" 7" 7"

7 1/4" 2'-7" VIF

CAF WALL, PROVIDED & INSTALLED BY OTHERS, TYP.

2'-6" 2'-6" 2'-10 1/2" F.O. PLYWOOD BLOCKING, BY

WD-01-INT ON PLYWOOD

WD-03-INT

WD-01-INT, MITERED & STACKED, TYP.

HORIZONTAL JOINT, DRY FINISH FLOOR

+ 9'-6 1/2"

+ 11'-6 1/2" + 11'-6 1/2"

CEILING PROVISIONS, WD-03-INT

WD-01-INT, MITERED & STACKED, TYP.

HORIZONTAL JOINT, DRY FINISH FLOOR

+ 9'-6 1/2"

+ 11'-8 3/4" + 11'-8 3/4" + 11'-8 3/4"

CEILING

GYP. CEILING

2'-1 1/2" 2'-6"

2'-10 1/2" 2'-10 1/2" 2'-10 1/2" F.O. PLYWOOD BLOCKING, BY

WD-01-INT ON PLYWOOD

WD-03-INT

WD-01-INT, MITERED & STACKED, TYP.

HORIZONTAL JOINT, DRY FINISH FLOOR

+ 9'-0 1/2" + 9'-0 1/2" + 9'-0 1/2"

GYP. CEILING

2'-4" TYP.

2'-4" TYP.

13"

2'-6" V.I.F.

GLUED TO PLYWOOD W/ 07 08

2'-7" VIF

GLUED TO PLYWOOD W/

07 08

2'-7" VIF

30.0° 30.0°

WORKING DRAWING

DRAWN BY NEW YORK, NY 10036

ONE BRYANT PARK 57 CORNER LLC

212 257 6600

NEW YORK, NY 10041

STUDIO V ARCHITECTURE 917 993 1126

SITU Fabrication

Helena 57 West | STUDIO V Architecture

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Fabrication Means

By consulting with our project management, engineering and fabrication teams, all projects are developed with fabrication feasibility as one of the top priorities.

Design Assist services can be coupled with mockup phases in which we fabricate particular scope conditions for review and approval by the project team. These mockups inform our process while reassuring stakeholders of scope progress and providing reference for project approvals.

Informed by the system’s development and various conclusions made during the design assist phase, we ultimately provide a bid to fabricate the projects in our 10,000 sq ft shop.
Budget Confirmation

Projects often need to adapt to accommodate budget parameters. Value engineering is provided during the Design Assist to provide architects and contractors with material alternates, design edits or deducts to help achieve target budgets.

Together with the project team, we enhance costs savings through design engineering, expediting schedules and reducing revisions with Design Assist services.
Trade Coordination

Engaged leadership is necessary for projects that require detailed coordination between trades. Our experienced project management and fabrication staff step into those necessary roles to maintain clear lines of communication to ensure the success of design development, fabrication, installation and schedule.

Some groups we coordinate between include, but are not mutually exclusive to, are:

- Architects
- General Contractors
- Lighting Designers
- Mechanical Engineers
- Union Trades
- Specialty Subcontractors
- Client Representatives
Value

By developing designs with fabrication methodology expertise, the Design Assist enhances these specific benefits to ensure a project’s success.

We develop projects in a clear and thoughtful manner to mitigate project roadblocks pertaining to design and estimation that ultimately expedite schedules, reduce revisions and save costs.

Value engineering is also accommodated, as our project teams are capable of seeing various material, design and engineering possibilities to complete projects through an economical and innovative approach.

- Cost Savings
- Clearing Roadblocks
- Reduced Revisions
- Expedited Schedule
- Fabrication/Installation Expertise
Deliverables

In our Design Assist, we deliver important services and resources to project teams.

Deliverables often include:

- Design development
- Value engineering towards target budgets
- Material exploration / samples
- Sustainability strategies
- Engineering
- 3D rendering
- Detail drawings
- Fabrication estimation
SITU Fabrication is a firm of design-oriented fabricators who specialize in architectural features, interior furnishing, art production and public infrastructure projects.

Founded in 2005, our fabrication work is rooted in complex detailing and problem solving for various project scales. With our advanced digital fabrication capabilities and skilled craftsmanship, we produce unique and complex projects for hundreds of architects, contractors, designers, artists and innovative institutions.

Contact Us

Please contact us to start your Design Assist today:

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