

## THE KSC APPROACH

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KSC works with architects and contractors to design, fabricate and install architectural facade systems.

We are committed to excellence in safety, quality, and constructibility through the entire design/build process. Our standards and procedures ensure that we consistently deliver best-in-class service to our clients.

Coordinating construction effectively is the most important activity contributing to a smoothly running project. Preparation of an accurate, concise, and properly sequenced construction schedule is paramount to successfully coordinating the fabrication, delivery, and installation of our work. Our timeline and quality assurance procedures ensure that all work required prior to the start of installation is complete and ready for the next system being installed. With an accurate start date, KSC can forecast, track, and execute efficiently to keep you on schedule and within budget.

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## CONTACT

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# UNDERSTANDING THE KSC PROCESS

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KSC works with architects and contractors to design, fabricate and install a wide variety of architectural façade solutions.

We forecast, track and execute efficiently to keep you on schedule and within budget. KSC's state-of-the-art technology integrates the latest software tools such as Revit, Auto CAD and Building Information Modeling (BIM), and laser scanning to monitor and address discrepancies between construction drawings and field conditions. And our collaborative approach—including design input—means fewer surprises throughout the process while maintaining the intent of the original design.

# 1

## PRECISE MEASUREMENT

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### 1. ESTIMATING

On-Center software – used for takeoff and estimating based on the architectural plans.

### 2. MEASURING PREP

FARO scanning of actual construction site for precise measurements, prior to starting any CAD work.

### 3. IN-DEPTH MEASURING

Using Autodesk REVIT to get further measurements and information for shops.

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## DYNAMIC CREATION

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### 4. DRAWING

Autodesk AutoCAD for creating shop drawings based on the REVIT model and FARO scan/hand-measurements of the construction site.

### 5. FABRICATING

ENROUTE CAM software for creating dynamic programs for fabrication of panels, based on the shop drawings.

### 6. PROCESSING + CUTTING

MULTI-Cam CNC router table & Pat Mooney Automatic Saw for processing the ACM panels and cutting the aluminum extrusions. Both programmed with CAM software.

# 3

## FLAWLESS EXECUTION

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### 7. IN-HOUSE PRODUCTION

In-house construction/production of precise CNC panels and extrusions, assembled and packaged for delivery.

### 8. ON-SITE INSTALLATION

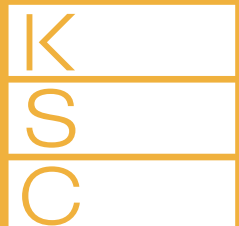
On-site installation of ACM panels includes precise layouts per elevation and sequencing to accommodate on-site workflow.

## CONTACT

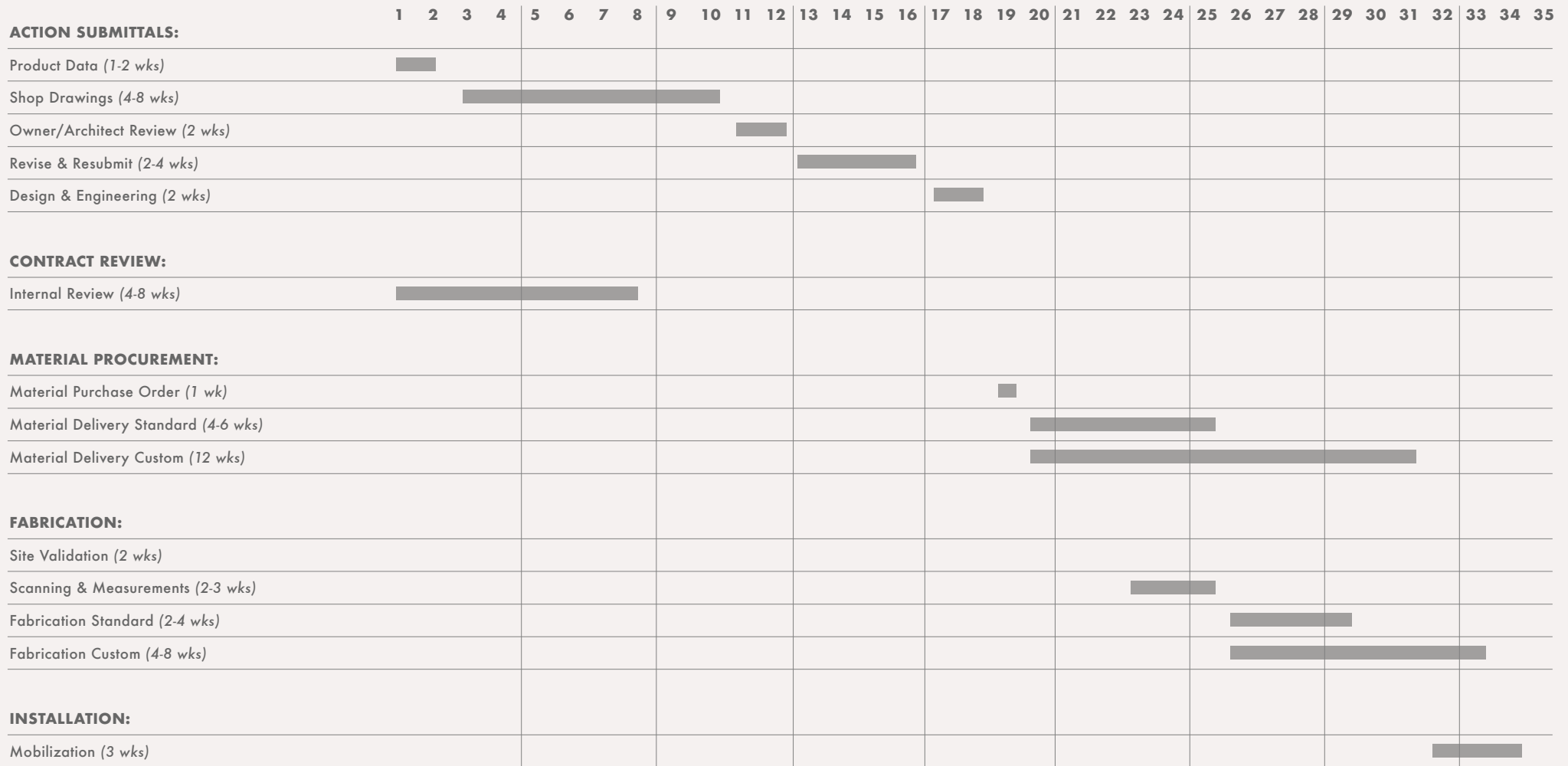
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*Please contact KSC Technical Representative for confirmation in regard to project specific performance.*

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# UNDERSTANDING THE TIMELINE



# UNDERSTANDING THE REQUIREMENTS

## SHOP DRAWINGS:

1. NTP & final scope of work
2. CAD/Revit files
3. Product information on fixtures to be installed within panel system
4. Shop drawings for adjacent systems

## RELEASE OF MATERIALS:

1. Executed contract
2. Product data approved
3. Product samples approved
4. Shop drawings reviewed & approved

## RELEASE FOR FABRICATION:

1. Adjacent materials in place
2. All substrate behind panel system completed
3. All fixtures to be installed within panel system in place