

Preapproved fabricated components & systems (PCS):

1. Background, (Cody contractor, Scott Mackey Designer, HCAI Richard or Chris)
 - a. Introduction to why its important from different aspects of business
 - b. HCAI Facilities Development Division has five distinct preapproval programs that operate under the Structural Support Unit (SSU) and Inspection Services Unit (ISU).
 1. [HCAI Preapproved Prefabricated Components and Systems \(PCS\)](#)
 2. [HCAI Preapproval of Manufacturer's Certification \(OPM\)](#)
 3. [HCAI Special Seismic Certification Preapproval \(OSP\)](#)
 4. [HCAI Preapproved Agency \(OPAA\)](#)
 5. [HCAI Preapproved Details \(OPD\)](#)
 6. [HCAI Preapproval of Anchorage \(OPA\) *Discontinued](#)
2. Definitions
 - a. Focus on off-site fabrication and pcs (From HCAI Staff, standardize terms possible PIN, Theresa to help with content, Richard, Chris, or Mia will present)
 - i. Title 24
 - ii. It is an option if they goes this direction this is what is required
 - iii. If fabricated offsite how do building codes apply and quality control, inspections
 - iv. Chris – seeing 2 prefabrication approaches, in another state and adjacent to the site.
 - v.
 - b. PCS Types and systems (Teresa or Ali, Cody)
 - i. For a specific building
 - ii. For a specific product
 - iii. Modular, universal grid, fully volumetric OR, trailers for building
 - iv. Clarify Modules vs Modular components
 1. Focus of meeting on Modular components
3. Purpose
 - a. The Why (Teresa)
 - b. The [HCAI Preapproved Prefabricated Components and Systems \(PCS\)](#) program is created to provide a multi-discipline preapproval for prefabricated components and systems for healthcare construction projects. This will streamline the review process for components and systems as there will be multiple disciplines that are preapproved. PCS eliminates the need for manufacturers to find a healthcare construction project to get their systems reviewed, not only saving time from repetitive plan review, but also greatly reducing uncertainty of getting approval.

4. Designing for prefabricated system (Scott & Teresa)
 - a. Timing early, don't chop up design after the fact
 - b. Timeline for designing with prefabrication
5. Review of prefabrication – Ali summer
 - a. Approval for a project versus approval for a product
 - b. How to get PCS approved
 - c. PSC Application Submittal Requirements
 - d. Inspection/Off-site
6. Case study
 - a. Why? advantages: Speed to market, labor availability & value, consistency. Demonstrate Application **Sprinkler these throughout**
 - i. How to use PCS on a HCAI Project
 - ii. Examples Panelized System, Sutter Santa Rosa. Chris Tokas asking Carl
 - iii. Surepods and offsite fabrication at UCD Ambulatory - Cody
 - iv. Kaiser Roseville – Husain
 - v. Kaiser San Marcos – fabricated close to site, headwalls. plumbing pipe fittings, exterior system. DPR, Joe Stazney
 - vi. Focus on process not success, encouraging people to use prefabrication and make it clear on how they get approved and reviewed (Scott Summary and Intro)

Off-site fabrication:

Off-site fabrication of structural parts CBC 1704A.2.5 “Where fabrication of structural, loadbearing or lateral load-resisting members or assemblies is being conducted on the premises of a fabricator’s shop, special inspections of the fabricated items shall be performed during fabrication.”

The DPOR consult with the contractor and prior to commencement of related fabrication/construction and, shall identify all special inspections to be performed off-site.

SECTION D		NOTE: Approved agencies, individuals, and all changes to the TIO program shall be identified, evaluated by the DPOR and approved by CSHPD prior to proceeding with the related work.	
Facility #:	Facility Name:	Project #:	Sub #:
DURING CONSTRUCTION DOCUMENT		DURING CONSTRUCTION	
Index # REQUIRED (Select)	OFF-SITE SPECIAL INSPECTIONS	COMPLIANCE VERIFICATION BY COR (Initials/Date)	OSHPD/DO USE (Initials/Date)
	RESPONSIBLE APPROVED AGENCY AND/OR INDIVIDUAL (IDENTIFY SPECIAL INSPECTOR)		

Changes to the TIO Form
Tab D
Off-site Special Inspections (new)

General areas of special inspection:

Concrete	Nonstructural Components, Supports and Attachments
Masonry	Mechanical Special Inspections
Steel	Plumbing Special Inspections
Wood	Fire Protection Special Inspections
Other Structural Materials	Other Special Inspections
Alternative Systems	

Note: the project may contain additional special inspections other than those listed above