

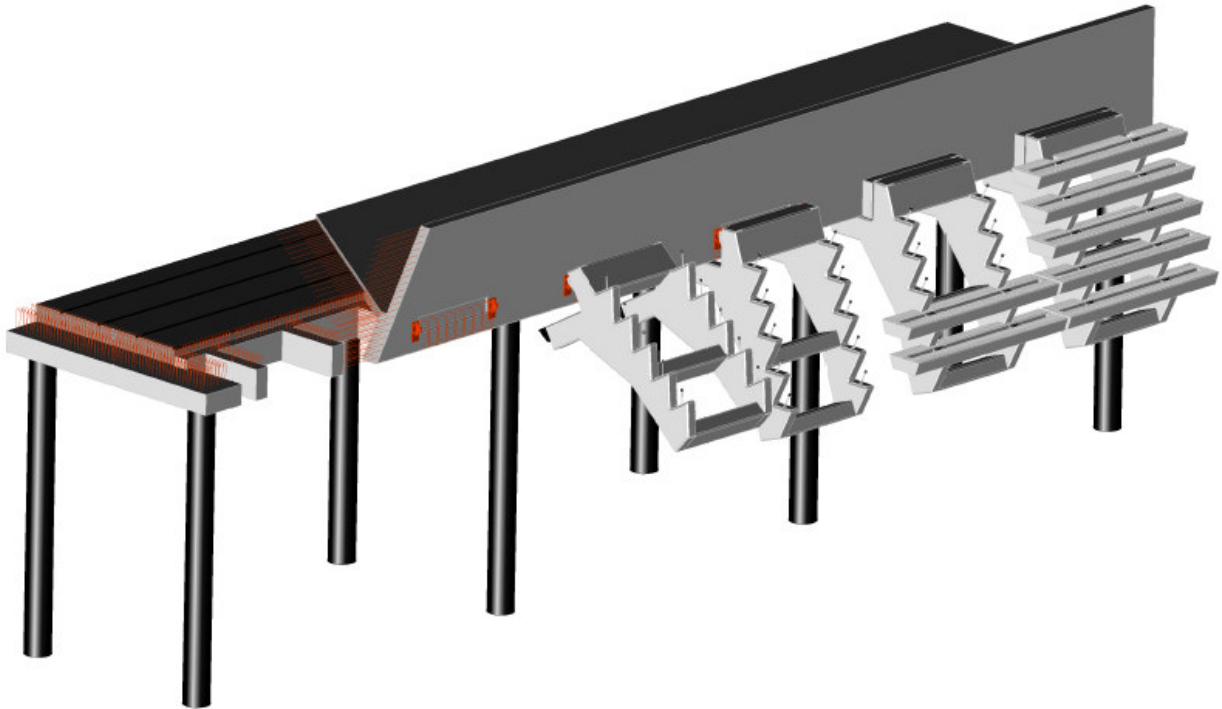
FACT SHEET

ENTRY CATEGORY: COMMERCIAL

ENTRY CODE: P1

PRIMARY USE OF STRUCTURE: Creation of artificial marine reef habitat surrounding a new convention center facility.

NUMBER AND DIMENSIONS OF PRECAST CONCRETE COMPONENTS:



FRAMES:



Number	Length (feet)	Width (feet)	Height (feet)	Weight (tons)
76	12.6	16.4	21.7	42.9

BENCHES:

Number	Length (feet)	Width (feet)	Height (feet)	Weight (tons)
362	22.0	4.2	1.5	9.4

MATERIALS USED:

- Concrete with a minimum of 25% flyash by weight
- Deformed steel reinforcing
- Seven wire strand pre-stressing cables

BUILDING DESCRIPTION:

Building Footprint (square feet)	Total Structure Space (square feet)	Number of Supporting Piles	New Habitat Area Created
490,000	1.1 million	1000	11.4 acres

PROJECT COSTS:

Total Project Costs	Building Construction Costs	Habitat Skirt Supply and Install Cost
US \$883 million	US \$604 million	US \$8.3 million

HABITAT SKIRT PROJECT TIMELINE:

Description	Starting Date
Conceptual Design	April 2003
Preliminary Design	August 2004
Detailed Design	June 2005
Issued for Tender	September 2006
Issued for Construction	March 2007
Precast Concrete Manufacture	August 2007
Installation	January 2008
Project Completion	May 2008
Building Occupancy	October 2009