

IntegraSpec ICF Wall Systems



POWAY PROJECT

**IntegraSpec of San Diego
Distributor**

Frost Custom Builders Inc.

**PHASE TWO
Main Level**

IntegraSpec of San Diego Poway Project





Basement level waterproofing is applied before backfilling.



Backfill is complete allowing the main level to be started.

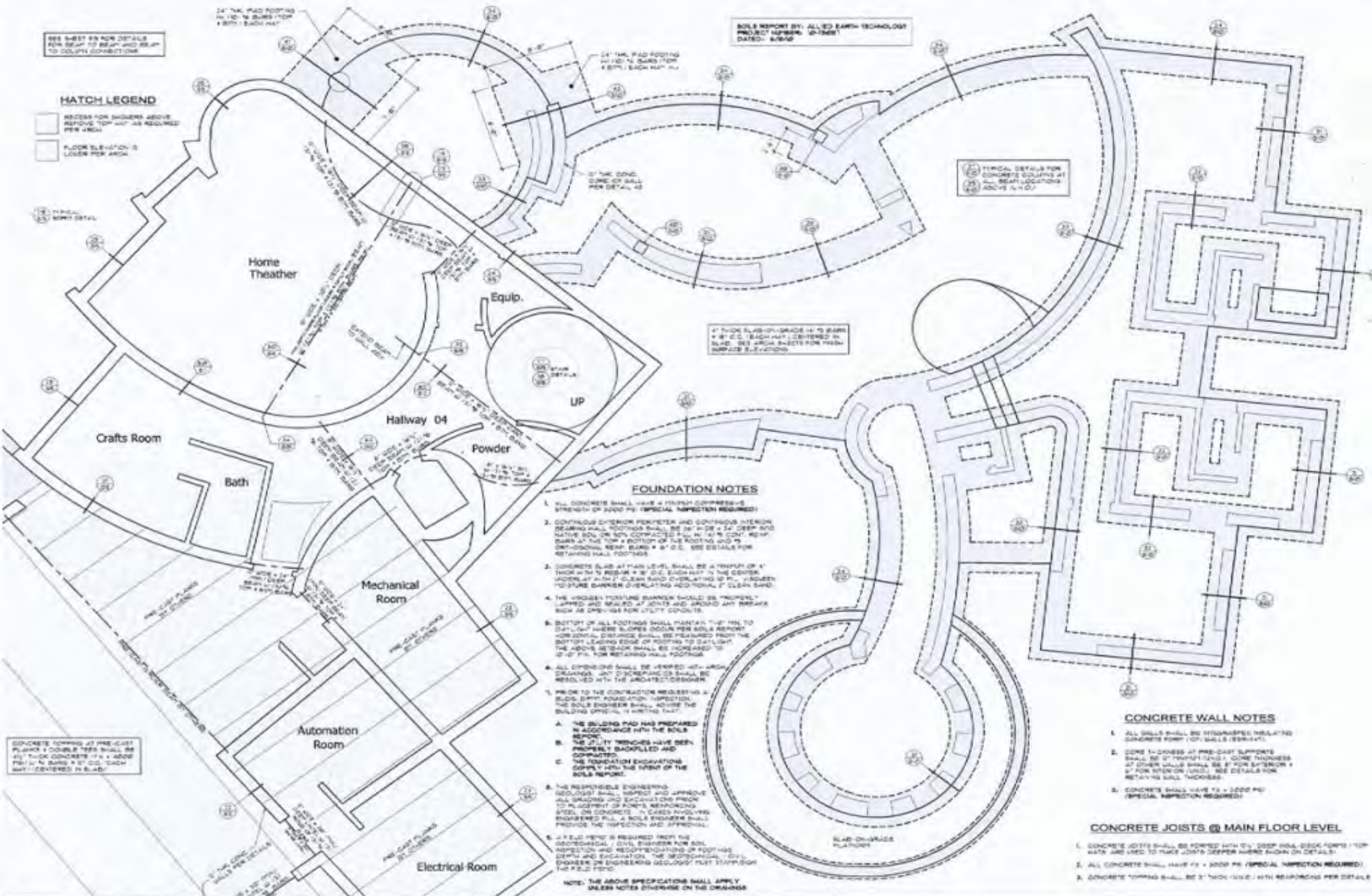
ICF floor system installed on 10 ft high IntegraSpec ICF walls.



ICF floor system after concrete pour



Layout Plans of Main Level



Main level footprint is started as additional IntegraSpec ICF material is brought to the site.





IntegraSpec Installers solve many design challenges such as taper walls, multiple conduits, and curved walls.

Main Floor walls continue to grow.



Every room is curved and all the interior partitions are
IntegraSpec ICF



The IntegraSpec 'H' Clip makes curved walls easier to form.



The IntegraSpec Independant Panel and sliding web allows rebar columns to be preformed prior to the wall system installed.



The Main Floor walls that interconnect with the garage area, final assembly before the concrete pour.



Pouring the curved walls of the Main Floor walls.





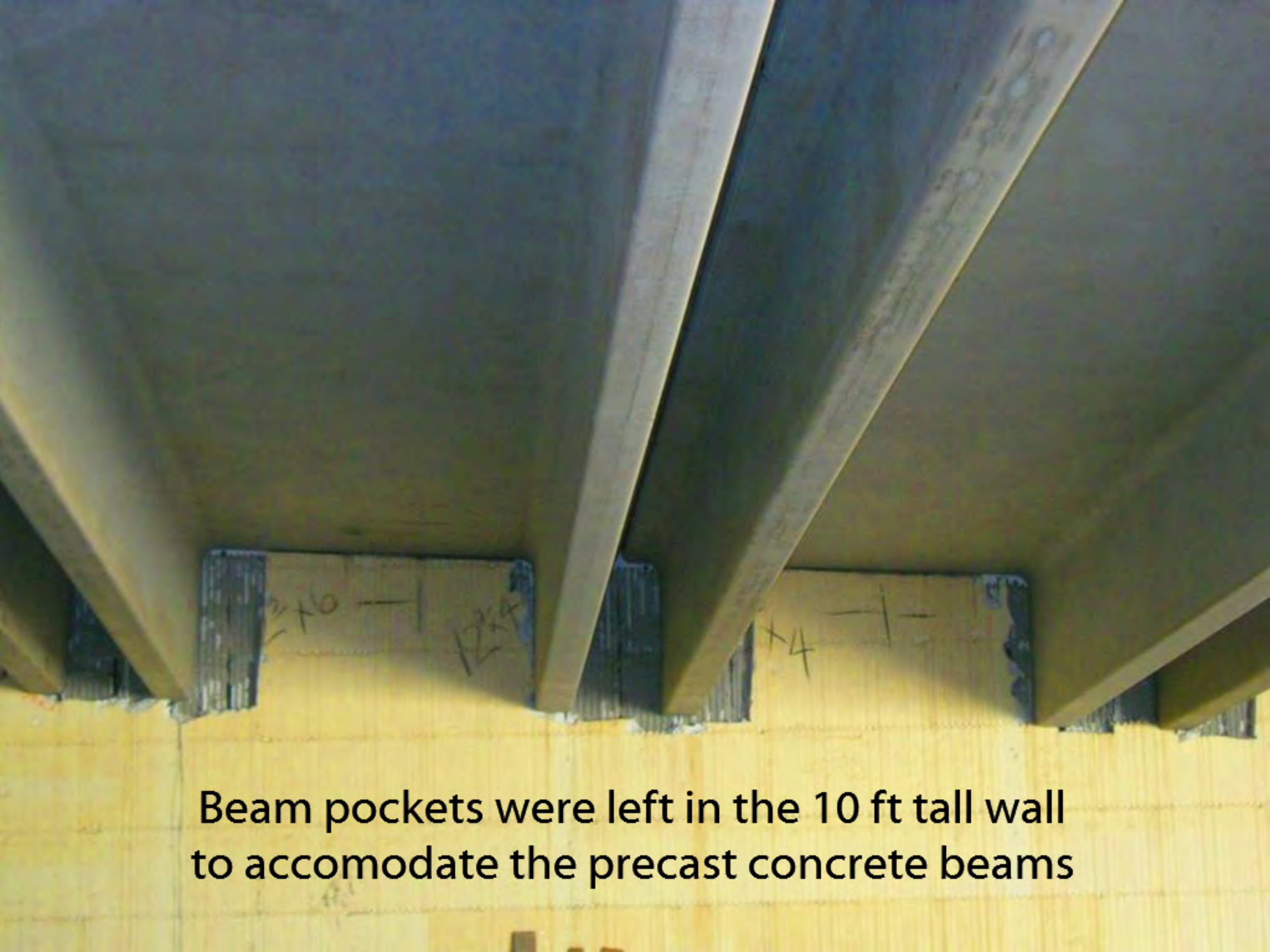
Driveway retaining wall forming a 'V' shape

Driveway retaining wall side view



Entrance to garage and driveway retaining wall





Beam pockets were left in the 10 ft tall wall to accommodate the precast concrete beams

The Roof of the Garage was constructed of precast concrete beams to support vehicle traffic



View of the main entrance to the house and the garage
with the precast concrete roof



The driveway to the Main entrance is to the right
with the 4800 sq ft 6 car garage entrance below



Footings are laid out for the Main Floor with rebar staged



Rebar cradles prior to IntegraFooting installation.

Main Floor area above the garage and footings work in progress for the next phase.





IntegraFootings being assembled for the Main Level

IntegraFootings can be made any width or height or shape.



IntegraFootings used to make curves,
as the web spacers cradle the rebar.



Changing web sizes allows a wall step for beam support or brick ledge



IntegraSpec ICF wall system grows closer to pour height.



Pre constructed
rebar columns

IntegraSpec ICF
tapered walls.



Multiple curves and rebar columns



Framed openings for large windows



Base for circular staircase

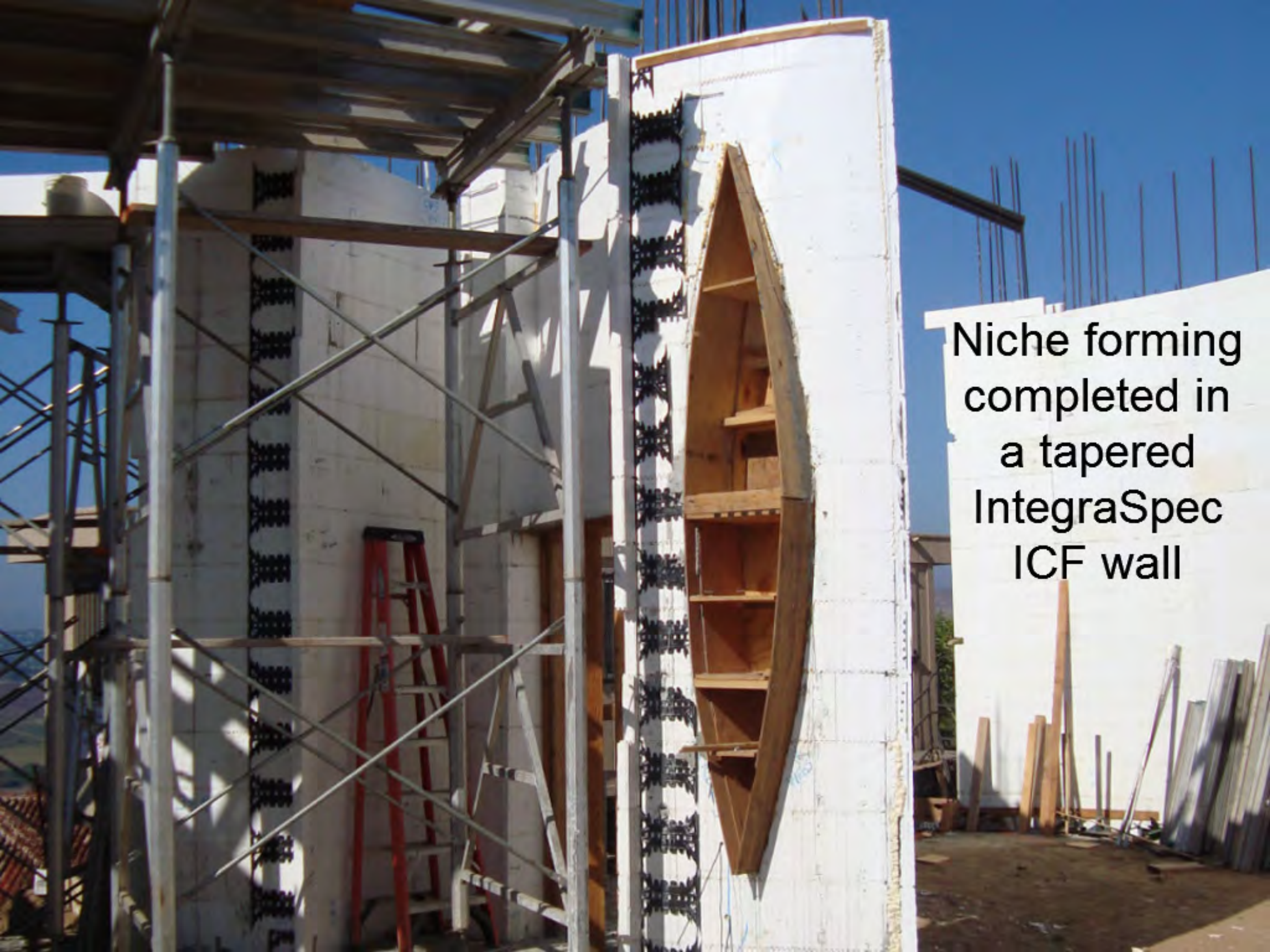


Formwork for decorative niche
to be inset into the IntegraSpec ICF wall



Niche forming inset
into the IntegraSpec ICF
tapered wall





Niche forming
completed in
a tapered
IntegraSpec
ICF wall



Circular staircase up to main level

Main level walls reaching pour height

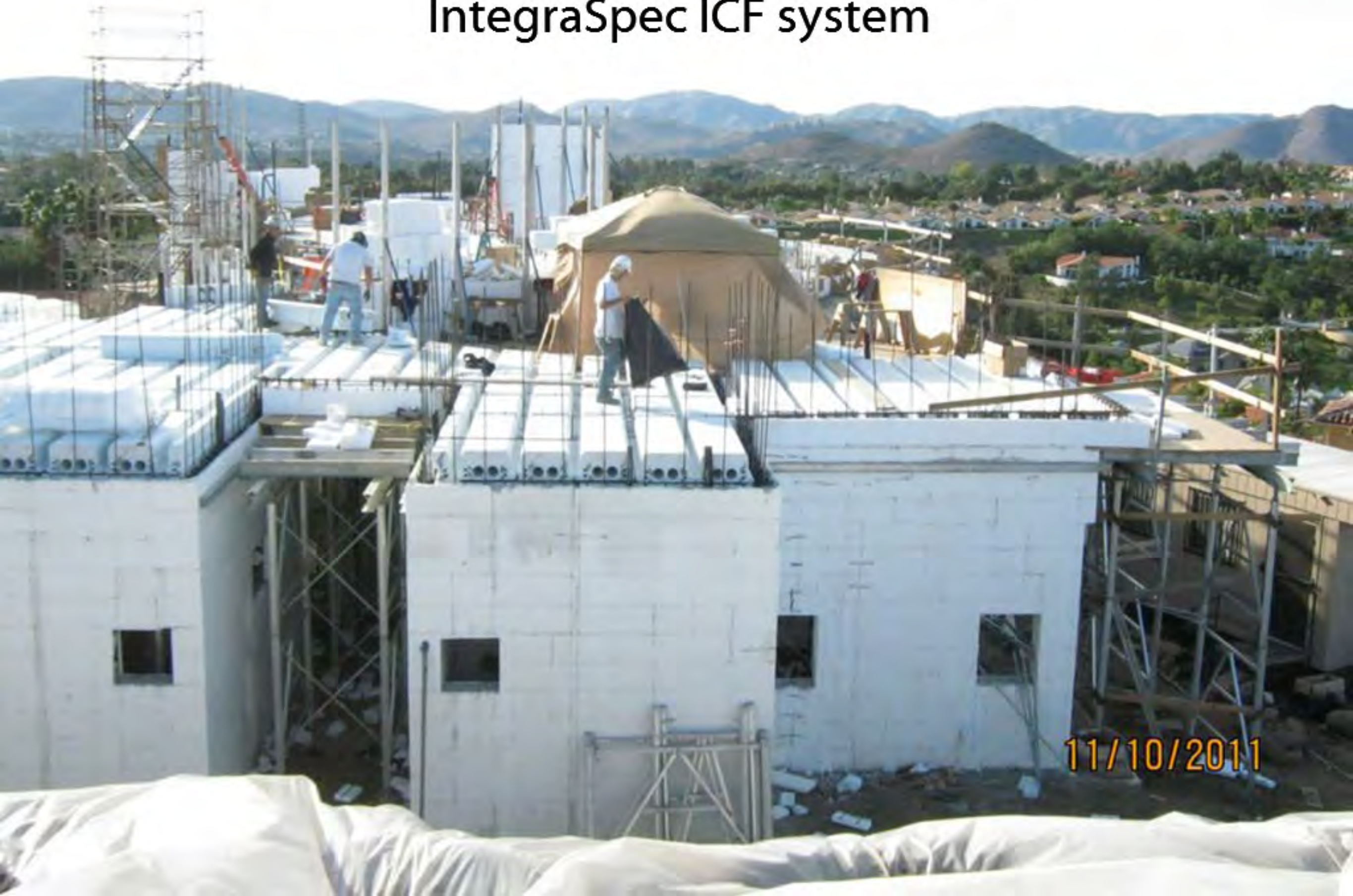


IntegraBucks creating concrete dams
for the end of the IntegraSpec ICF walls.

The webs are placed
just past the bucks
for additional support



Main Level poured, crew installing second floor IntegraSpec ICF system



11/10/2011

IntegraSpec ICF Wall System

POWAY CA



The project continues to progress as the building emerges out of the hillside and prepares to stage the second story.

