Edible Schoolyard Outdoor Classroom
Helmina Kim Design
Scale: 1/4" = 1'-0"  2011-06-27

Pavilion Components:
-- Slab on grade
-- 6x6 wood posts on metal base caps cast into slab
-- wood beams mechanically fastened to posts
-- 2x wood framing for roof
-- horizontal lap galvanized metal roof

Design Issues to address:
-- swale design and construction (GC)
-- slab detail (GC)
-- faucet mounting detail at sinks (Geoff)
-- how to mount sinks (Geoff)
-- sourcing of reclaimed lumber (GC)
-- connector specs for wood structure (GC)

Slab area:
13'-6" x 9'-0" = 121.5 sq. ft.
(slightly over 120 sq. ft. max.)

Volunteer (e) Table 1
Volunteer (e) Table 2
dbl sink

match pitch of (e) tool shed roof at north end of garden (meas. from edge of (e) eave 90" run to center of (e) shed, 74" rise, . 117" surface of roof slope)
12'x3' ribbed steel roof panel w/ Ribs spaced @ 9 inches on center
reclaimed or new 4x8 wood joist
reclaimed or new 4x4 wood joists @ 18" o.c.

downspout drains to swale
planted area at swale/
uptake of water

trench
gravel drainage area

22 x 42 stainless steel
double bowl sink with pipe down
to metal drain below, TBD

metal connectors to slab
6 x 6 reclaimed or new wood post

reclaimed or new 4x8 wood joist

4" perforated drainage pipe,
slope min. 1/4" per foot to swale/ subsurface irrigation area

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