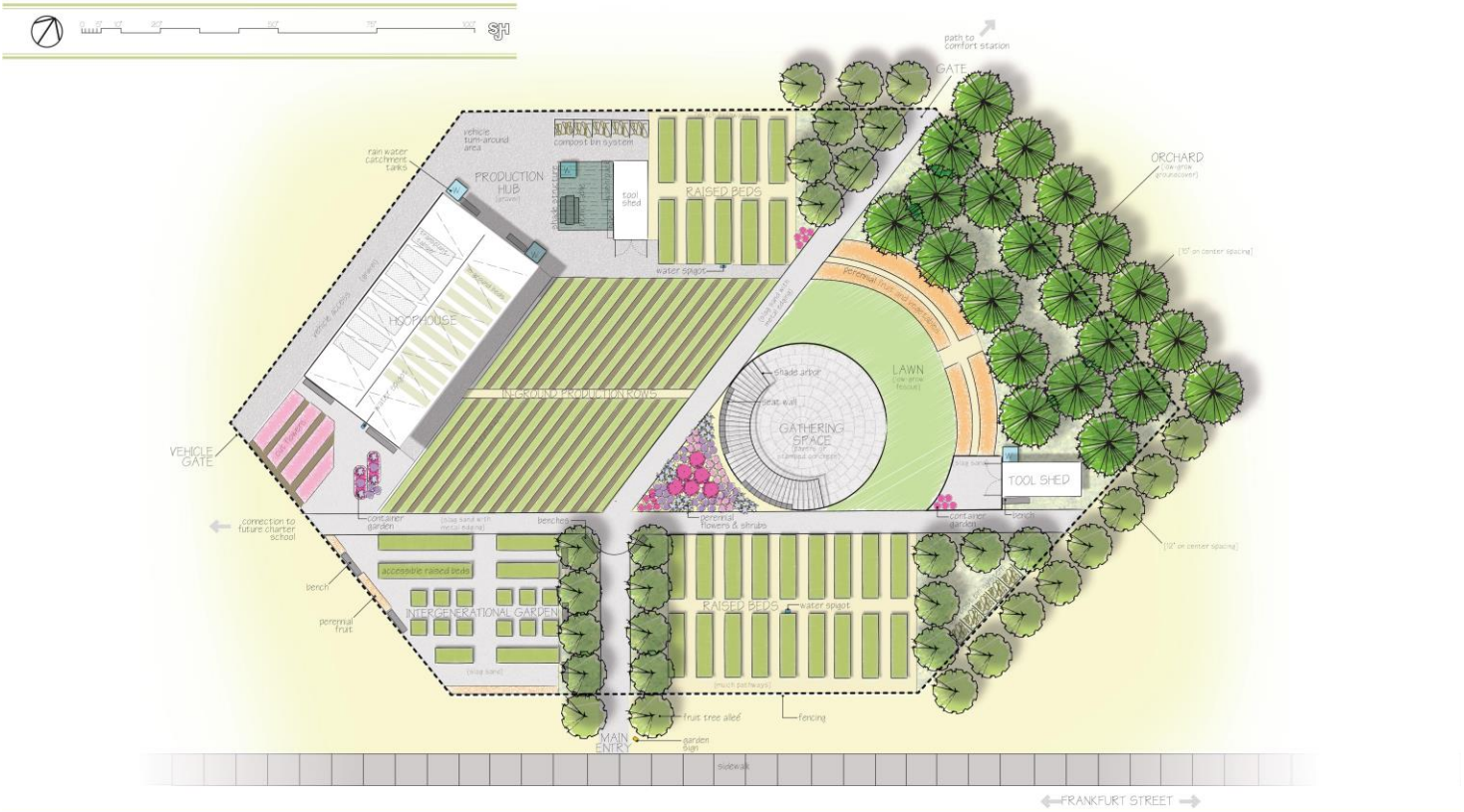

CHANDLER PARK COMMUNITY GARDEN

CHANDLER PARK CONSERVANCY DETROIT

KEEP GROWING DETROIT

SEPTEMBER 2016

The Chandler Park Conservancy's(CPC) overall vision includes the conversion – by a large collaborative of organizations - of this 200-acre regional park into an education-recreation-conservation campus serving as a living lab for a variety of sustainability strategies ranging from green infrastructure and renewable energy installations to greenways and community food gardens. CPC's Program and Outreach Advisory Committee is looking to generate partnerships that can fulfill its vision for a large-scale community food garden at Chandler Park. This Advisory Committee includes Friends of Parkside, Chandler Park Neighborhood Association, St. John Providence Hospital, Detroit Eastside Community Collaborative, Detroit Recreation Department, Wayne County Parks, Detroit PAL and others. The CPCs role will be overall planning process coordination, and facilitating access to the site at Chandler Park that will be utilized for the garden.

SEMI-CIRCLE LUMBER SHADE ARBOR in gathering patio.

HOOPHOUSE, 30'x60' with rain water catchment system

PRODUCTION HUB LEAN-TO, galvanized corrugated metal roof with lumber framing.

SLAG SAND MATERIAL for pathways and accessible garden. Install with metal edging.

FRUIT ORCHARD with low-grow ground cover, such as clover or fescue.

STACKED LUMBER RAISED BEDS

CONTAINER PLANTERS, galvanized, corrugated metal for showy annual and perennial flowers.

METAL EDGING, between lawn and crushed gravel pathway.

CIRCULAR PAVING pattern for gathering space. Alternative material- stamped concrete.

WIRE PANEL FENCE-galvanized metalwire mesh "hog panels" and lumber framing.

materials sheet

CHANDLER PARK COMMUNITY GARDEN

SEPTEMBER 2016

CHANDLER PARK COMMUNITY GARDEN				
YEAR ONE BUDGET				
ITEM	**QTY**	**COST**	**TOTAL COST**	**DETAIL**
INFRASTRUCTURE				
hoophouse	1	$ 12,000	$ 12,000	30'x60'
tables for hoophouse	7	$ 375	$ 2,625	
bench (standard)	9	$ 790	$ 7,110	metal like the one at the new garden
bench (long)	3	$ 900	$ 2,700	metal like the one at the new garden
shipping containers	2	$ 3,000	$ 6,000	8'x20'
CONTRACTORS				
project manager			$ 15,000	hire contractors, oversee work, 3 months x 25 hours a week x $50/hour
hoophouse construction	1	$ 1,400	$ 1,400	
site prep			$ 1,200	
arbor and seat wall			$ 25,000	
stamped concrete pad	1425	$ 13	$ 18,525	1425 square feet x $12 foot
fence	600	$ 25	$ 15,000	600 linear feet with 2 pedestrian gates and 1 vehicle gate (estimates ranged from $6-$35 linear foot)

water spigots	3	$ 2,500	$ 7,500	average for 3, first will be more expensive others will be less expensive
labor (raised beds)			$ 12,000	lead volunteers in construction of 49 raised beds including moving soil and mulch this includes cutting lumber, 15 days x 8 hr/day x 2ppl x $50/hour average
installation of slag pathways with edge			$ 22,500	labor for preping approx 7,500 x$2 square feet of area, 1750 linear feet of edging at $3/foot, providing slag 80 cubic yards at $28/cubic yard
shade structure for wash pack	1		$ 4,000	
PERSONNEL				
program coordinator			$ 10,200	40 weeks x 15 hours/week x $17/hour for gardener recruitment and engagement incuding volunteer coordination
garden manager			$ 12,090	31 weeks x 30 hours/week x $13/hour
SUPPLIES				
seed and plants			$ 2,500	
lumber/hardware	385	$ 45	$ 17,325	4"x 6" 16' pressure treated boards
(hoophouse) raised bed, lumber and soil			$ 860	
soil/compost	178	$ 30	$ 5,340	cubic yards soil/compost mix, 50 cubic yards IG, 67 yards for SB and NB, 4" or 30 yards FB, 12 yards HH, 10 yards for CF, 9 yards PF + FP
woodchips	48	$ 25	$ 1,200	cubic yards woodchips, 20 yards SB +NB, 10 yards IG, 8 yards FB, 10 yards FP + PF + Fruit Trees
fruit trees	38	$ 32	$ 1,216	1/4" whips, includes shipping
serviceberry	14	$ 90	$ 1,260	1"-1.5" b&b
tree gaurds	52	$ 3	$ 156	to protect from mowers
ground cover	16.5	na	$ 150	5,200 square feet x 3lbs/1,000 square feet. 75% white clover, 25% red clover
flowering bulbs	13	$ 32	$ 416	naturalizing daffodils for tree understory, bag of 100 x $32/ea
perennial fruit			$ 500	strawberry 225 x .25/ea, asparagus 14 x .50/ea, blackberry 9 x $4.50/ea, gooseberry 23 x $3.50/ea, raspberry 25 x $2/ea, currant 13 x $15/ea, black raspberry 16 x $4/ea
grass seed	4	$ 7	$ 28	low grow fescue
perennial flowers	76	na	$ 710	pee wee 6 x $25/ea, anise hyssop 26 x $8/ea, salvia 21 x $8/ea, yarrow 6 x $8/ea, sedum 17 x $8/ea
sign/bullentin board	1	$ 400	$ 400	
greenhouse supplies			$ 1,200	potting soil, germination trays, web flats, pots
picnic table	1	$ 600	$ 600	8'x4', cedar

prep tables	1	$ 100	$ 100	stainless steel, used
containers (small)	13	$ 20	$ 260	galvanized steel
containers (large)	2	$ 80	$ 160	stock tank
tiller	1	$ 2,000	$ 2,000	
garden cart	1	$ 300	$ 300	
tools			$ 1,200	shovels, rakes, loppers, trowels, buckets, harvest bins, harvest knives, pruners, etc.
water totes and hardware			$ 680	$70 x 275 gallon totes, $100 x 4 connecting hardware
compost bin systems	2	$ 500	$ 1,000	2 x 5 bin systems
TOTAL			**$ 214,411**	