CHARACTER AREA 3

DESIGN GUIDELINES + PLACEMAKING PRINCIPLES





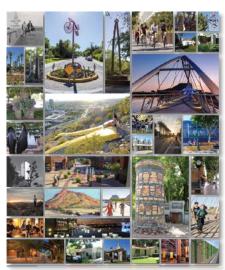


TEMPE CHARACTER AREA 3



Downtown Tempe ● Rio Salado | Town Lake ● ASU ● NW Neighborhoods

- 34,417 people, 11,808 households, 14 NA's, 16 HOA's
- 55,000 residents and 75,000 new jobs [2040]
- Work conducted from early 2016 fall of 2017
- Community workshops, online surveys, social media engagement, door-hangers, meetups at locally-owned businesses, and dot ocracy voting on area priorities / vision
- 4,094+ contributions
- Advances Goals + Objectives in General Plan 2040







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DESIGN GUIDELINES + PLACEMAKING PRINCIPLES

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RAFT DOWNTOWN TEMPE











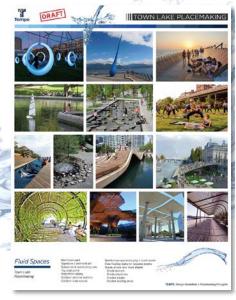


















AFT) ASU NOVUS INNOVATION CORRIDOR 🗶



SUSTAINAB

TEMIC

INTEG

330 acres in the heart of Tempe. An unprecedented vision for a future-forward urban environment. Conceived from 4 important commitments:











The Novus Innovation Corridor is a powerful expression of the adaptive capacity of innovation. By creating a place of opportunity for the continuous introduction of new ideas, technologies and methodologies. Novus innovation Corridor will become the central point in a region already brimming with possibility.

Global-caliber sports performance, training & entertainment destination

Throughout Novus Innovation Corridor, enhanced sports facilities will push the boundaries of performance, health and wellness. With ASU as both its foundation and engine, Novus Innovation Corridor is designed with a competitive edge-integration of world-class facilities and world-changing technologies that dare us to push harder, achieve more, and experience excellence. Not simply an athletic destination, Novus Innovation Corridor serves as a premier entertainment destination, with multiple stadium venues, sports facilities, open spaces and walkable connections, all enhanced by new, adaptive technology. Concerts, performances, competitions, training, and straight-up fun will all happen at Novus Innovation Corridor.

Novus Innovation Corridor expands upon ASU's leadership and commitment to smart city technologies and

sustainability, making this new urban environment responsive to shifts in the global market. No empty promise, ASU is already the nation's leader among universities in sustainable design, incorporating nearly 90 solar power systems into the campus landscape that generate enough power to serve more than 10,000 homes each year. With the world watching, Novus Innovation Corridor is committed to implementing best solutions in transportation, resource and utility usage, responsible waste management and more.

Corridor Understanding that smart partnerships catalyze a culture of educational commercial and social innovation, Novus Innovation Corridor is dedicated to bringing companies, organizations and ideas together in ways

JOINT REVIEW COMMITTEE PLANNING APPLICATION PROCESS The Joint Review Committee is created for the purpose of reviewing and making decisions and recommendations on development actions in lieu of the Board of Adjustment and Development Review Commission for projects within the MU-Ed zoning district. Joint Review Committee

TEMPE CITY COUNCIL STRATEGIC PRIORITY #4 SUSTAINABLE GROWTH + DEVELOPMENT

Implementing suggested or swith and development strategies

including improving Tempe's public transit system to meet future needs, by actively seeking innovetive technologies and leading the way

in creating a more systainable community

SUSTAINABLE TEMPE www.tempe.gov/residents/sustainable-tempe

- * Tempe Sustainability Commission www.tempe.gra/city-tait/public-script/sustainable-tempe
- + Energy Conservation + Solar http://www.tempe.gov/oty-hill/public-works/energy-curservation
- + Solid Waste + Recycling www.tempe.gov/tescenti/trest-recycling
- Tempe Composting Program www.tempe.gov/cty-hall.gublic-works/water/tempe-grease-cooperates Tempe Grease Cooperative www.tempe.cou/Lib-bull/bubble-ecrits/water/tempe-record cooperative
- Urban Forest www.tempe.gov/cty-hall/community-services/serks/udian-forest
- Adaptive Reuse Program | www.tempe.pov/adaptiversuse |





LANDSCAPES + ROOFTOPS

- . Cultivate native and drought-tolerant plants [exception: use Historic Plant Palette in Cultural Resource Areas [CRA] and/or SRP's flood-irrigation service areas] Use permeable paying techniques to reduce urban heat island and surface run-off.
- Implement Urban Forestry program to promote walkability, human health, and biodiversity . Balance / offset heat gains to built environment [reflective heat, paved surfaces, roo/tops] with organic roofs, coatings [white paint, etc.]



GREEN INFRASTRUCTURE

- Balance life-cycle costs for buildings, new construction, and redevelopment projects. . Require green infrastructure investments in Planned Area Development [PAD] overlay applications and other planning requests
- + Utilize the efficiency of natural systems including rainwater harvesting, permeable paving, stormwater redirects to landscape areas, solar shade, cool roofs, green roofs, etc. Require water management plans to provide environmental and community benefits

PASSIVE + ACTIVE SOLAR MITIGATION

- . Cover sidewalks / walkways with structural projections or overhangs throughout the T.O.D
- . Incorporate photovoltaic canopies for parking areas, rooftops, and shade structures . Shade exterior windows [fins, overhangs, etc.] to mitigate heat and energy demand
- . When buildings are not sited on the Jeffersonian grid, the most efficient solar crientation for siting is within 15% of east/west axis, which can reduce energy demand by up to 85% (Victor Olgvey, Design with Climate: Bioclimatic Approach to Architectural Regionalism, 2015) See Shade Matters for additional solutions



TRIPLE BOTTOM LINE MISSION 2

The Triple Bottom Line Mission is systemic approach to Planning and (re)development which fosters a community that can successfully thrive incorporating a "Do Less Harm" ethic. A community balanced in three parts: social [health + safety], economic [financial performance], and environmental [ecological]. These are the 3 Ps or Three Pillars of Sustainability: People, Profit, Planet.







A Network of Options

How can the character of Downtown Tempe and Town Lake best support a walkable environment?

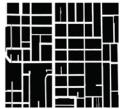
There are numerous grid disruptors throughout Tempe which effect circulation, commute times, ground floor activation, walkability, placemaking, and economic development.

Grid disnustors are elements in the urban form which are both natural features (Salt River / Rio Salado, Tempe (Hayden) Buttel, as well as

built features [canals, railroads, light rail corridors, educational and corporate camouses, large shopping malls, etc.].

Reinforcing the grid is the preferred treatment for walkable downtown environments, for the following reasons:

(+) PREFERRED TREATMENT



GRID CHARACTERISTICS

- + form follows function
- + orid pattern woven into existing street system. * predictable / easy to pavipate / extroverted urban form
- + numerous options for turns, events, and street closures
- + immediate parking in front of retail / restaurants / businesses
- + encourages structured / underground parking vs. surface parking + promotes economic development through active ground floor
- * extends walking range due to increased activity / shade . buildings shade pedestrian realm
- + reduces multi-trip generations due to compact urban form
- + promotes to-and-through connectivity to surrounding areas + maintains view corridors [i.e. across Town Lake to mountains]
- * facilitates emergency response efficiencies and options
- Ex: traditional downtowns, Kierland Commons, Scottsdale Quarter, Uptown ABQ, The Grove Los Angeles, campuses woven into existing grid-supporting environments [NYU, GWU, UC Boulder]



THE CHARACTER OF THE URBAN FORM

[-] NOT PREFERRED TREATMENT



NON-GRID CHARACTERISTICS

aesthetic form with exclusive / internal audiences disrupted street system

confusing to navigate / introverted urban form

suburban in nature / curvilienar

random / arbitrary placement of buildings dead-end streets with forced turns / choke points limited access points increase traffic / congestion

produces multi-trip generations; drive-and-repark lack of pedestrian grid adds time / distance

inaclequate shade adds to urban heat islands

restricts or cuts off view corridors / visual access inhibits emergency response efficiencies

Ex: aged shopping malls corporate business parks. hotel resorts, campuses apart from surrounding context / environments [USC, USD]



TEMPE Design Guidelines + Placemaking Principles





DRAFT NW NEIGHBORHOODS











Preserve the neighborhood character character of the neighborhoods.



and protect our older

VISION in the plan and by



W FLOOD IRRIGATION

General Manuel Ann Acres

and integration of all of the mazing expertise in our community



it combines older bearing.

ded, erren, bicyele puels, dog pæl This is threatened by the steady

A. PRESERVATION RESOURCES

· Actoma State Historic Preservation Office ----Four Southern School College Resource Working School in the a East Shore Home Markonna Indian Community



B. PRESERVATION PLANNING

and the amonities, with an emphasis on equity and diversity [Tempe City Council Strategic Initiative E.S. Guality of [Life]. floridate the City of Temper's status as a **Certified Local Government** (CLQ).

Promote preservation of floridate buildings, pre- / post-war subdivisions, flood impation, anthreenings a stee, and floridate (flacred Sites

Special bod history and rubust requires - brighte and etamphic conscious to the past are less to interrup placemakes. Contact a Multiple Recount Aires Survey for Temps properties for the time percent of 1960-8175 to build sport the previous Temps Multiple Recount Area Survey (Scott Solidey, 2001) which surveyed ene properties condituded from 1961–1960

C. PREHISTORIC + CULTURAL PRESERVATION

Access Antiquities Act. Section TM Brokew, and USEOC Section 475 Fragation Amountain areaspassion and, souther has element, and copy or southern and professional collection and congruitative request. The area's ancient butter classified as **Proditional Cultural Properties**Empartd Archaeologically Semither ("AS") classifications and distribute to include new file. work and known sites as a means to comply with \$2,56 and Federal exponements



D. HISTORIC PROPERTIES

of existing last on and cultural represent Flow Mathetic & Cultural Supportion man Constact a multi-family housing survey to identified eligible property according the loost garden-style apartments throughout the area

Listable the Renge Historic Preservation Ordinance (1997) and Senge Historic Pr



E. HISTORIC DISTRICTS / CRAs / P.A.D.s

 Identify potential Hoboric Eligible ("ME") Notice; distincts, pre- and post-wirr solidov (Mitchell Park, Clark Park, University Estates, Euley Park, etc.), for formal listing in the Constact a Building Conditions Assessment Report [InCAF) as part of a new accondition
and as requirement for development agreements and/or P.A.D. application requests.
 Ensure feature districts obtain both riscs and national listings to cultivate highest levels.



F. LANDSCAPES + FLOOD IRRIGATION

Cultivate native and drought follower parity Severation; use Wildork Plant Paintle Cultural Resource AssociCRA1 angles SRPs food impation service areas (BP's Rood Irrigation Service Avers (see **Rood Irrigation** map) Collaborate with 188 and 2.9 for engaging profession radio; ascerpant of profes portion of expressed **Richland-McKhevey Canal** near the SWC of Runal Rd. and I



he historic flood irrigation is one of the key character-defining elements throughout the NW Neighborhoods, missing to succeed with established landscapes and offset the urban heat island.



deminish femor's urban frost island, increase evapotronopeution, decrease everyy consumption, and effect day and night time temperatures up to 10°F witting canals — to increase access, amenities, and public awareness of the latery's canal delivery systems, water utility districts, and pre-historic history

Cultural Beanurge Areas ("CBA"), other Book imported subdivisions enve to resintain the character of flemps s historic and potentiary historic fatricts, neighborhoods, and properties for future generations.

so the Historic Plant Palette as a resource to inform plant selections in appropriate areas (Historic Districts, post-war / flood-irrigated vibidivisions)

Support public art and neighborhood practs which predicate the area's

. Preserve the last remnant portion of exposed **Kinkland-McKlaney Canal** ear the SWC of Rural Road and University Drive . Continue to support the which are flood irrigation in sees parks, including





CHARACTER AREA 3



NEIGHBORHOOD CHARACTER [1]

mutals, category, tree clantings, neighborhood signs, street barners, community blook, block parties, etc.



 Cultural Resource Areas ("CRA") were to maintain the character of pois historic and potentially listoric districts, neighborhoods, and porties; so well as to balance the rights of property owners with the to the community derived from the conservation and enhancement of unity significant properties and to maintain the choiceties of these was.

Gonzalez-Hartinez House), as well as one histories and traditions.

D. Promote NW Neighborhood area destinations to showcase its unique restaurants (Café Lalibele Ethiopian Caleire, Carey Prome's Cyster House, etc.) coffee shops, breweres, and fevorite local sports.

Road, others] to foster community identity and differentiation

F. Encourage grant applications for the City of Tempo's Maryanne Corder Encourage grant appropriate for the City of hymbox Puryanne Carbon Meighborhood Brants, State Historic Preservation Office / hoderal-pass strough genets, Sib-Mit Gaming Grants, and others for area projects which focus on neighborhood signage, identify, placemaking, etc.

6. Promote the role of outdoor art throughout the area to keep the NW



T CHARACTER AREA 3 | | Flacemarkop Proceses + Design Guidelines

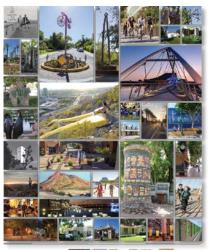


NEXT STEPS

PUBLIC COMMENTS

Open for Public Comment | Friday, 20 October 2017 Last Day for Public Comment | **Friday, 1 December 2017**

- BOARDS + COMMISSIONS
- DRAFT REVISIONS
- FORMAL REVIEW FOR CITY COUNCIL RESOLUTION







TACTICAL URBANISM

is an unionella term used to describe a collection of extra small, low-cost, emporary changes to the built environment, intended to improve local neighborhoods, downtowns, and city gathering places.

Adapted from Mile Lydon and Anthory Ganis, in titud Whamen: Short-Term fation for Long-Term Change

XS EXTRA SMALL

"Tactical Placemaking", bottom-up, decentralized, agile, low-cost, low-tech, independent, organic, often temporary in nature, experiential based, selfle moments

EX: "Before / Die..." chaldboard, movable chairs in a park, Adult Recess, mobile vendors, public art, 3-D art murals, self-guided historic sites tour, Trees of Tempe walking tour, stamped concrete matching surrounding content / landscape, wayfinding



Individual site-level / often a single building

EX: Valley Art [College] Theatre + pizzita, Tempe Woman's Club, Casa Loma Building, Casey Moore's, Hackett House, Hayden House



'XS' TEMI

M MEDIUM

collection / grouping of small or individual buildings / site elements

EX: ASU Art Annex [Postino / Snooze], The Shops on Mill Ave, Islamic Cultural Center



L LARGE

block-scale developments including buildings + open spaces

EX: Centerpoint, Brickyard, One Hundred Mill, Hayden Flour Mill, Hanover on Mill, Farmer Arts District, Regarta Point, SkyWater, Crescent Rio, Tempe Mission Palms, Hayden Square + plaza, Tempe City Hall Complex



XL EXTRA-LARGE

monocultures, high-cost, high-tech, dependent, market-driven, introverted urban form, board- / corporate-controlled

EX: Morina Heights, Hayden Ferry Lakeside, Tempe Marketplece, Arizona Mils Moll. The Grand at Passapa Center, Emerald Center, Discovery Business Campus, ASU Research, ASU Main Campus, ASU Novus Innovation Contider, U.E.E.A. Technology Park, The Pier





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