COMMON APP FOR AIA **DESIGN EXCELLENCE**

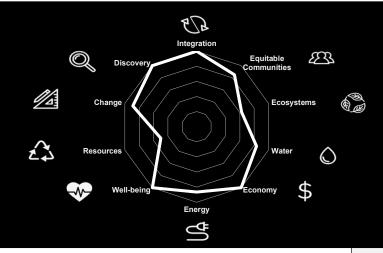
AIA COTE Top Ten Toolkit

v2023.1

Enter information into the below fields to the best of your knowledge. Fields that are not applicable or where information is unavailable can be left blank.

The spider chart to the right is a visual representation of your project's performance as it relates to the AIA's Frameworks for Design Excellence (F4DE). The intent is to use it as a comparative tool where you can quickly visualize areas of strength and opportunities for growth or improvement. Higher performing measures will have longer spokes that reach the outermost concentric circles, while measures that have greater potential will align more with the core of the chart.

Please report any bugs via this link: https://forms.gle/XXKfFB1Gg65PAwjo7. All reported issues will be reviewed by the COTE Network, and feedback will be incorporated into the next annual update.



PROJECT INFORMATION Project Name Client Is client to remain confidential?	INPUTS Uses Hollywood Aquatics and Recreation Center The City of West Hollywood	UNITS / DEFINITION	LINKS / SUPPORT
LOCATION + SIZE Address City State / Province Zip Code / Postal Code Country Climate Zone California Climate Zone (if located in California)	CA9	For proj outside the cont'l US + Hawaii, find your US equivalent climate zone here \rightarrow Find your US climate zone here \rightarrow Find your California climate zone here \rightarrow	<u>US Equivalent Zip Codes</u> ASHRAE climate zones CA climate zones
Building use Primary building use Percent of total area Additional building use Percent of total area (if any) Additional building use Percent of total area (if any)	Education - Preschool 10% Office 10%	 Find building type definitions here → Energy baselines are auto generated based on the Zero Tool → For laboratory buildings, assign 100% of the area to Laboratory → 	EIA building type definitions Zero Tool Lab21 Benchmarking
Proiect Scope Number of Stories Total Floor Area Site Area Floor Area Ratio	5 138,082 220,491	▼ GSF Conditioned space + non-conditioned programmed space SF This is the intensity of land use (higher is better in a an urban setting)	
COST DATA Permit vear Total Construction (Building) Cost Cost per GSF		USD Do not include land acquisition, soft costs, FFE, etc. USD/GSF This auto calculated field can be overwritten	
USE DATA Annual hours of operation (during normal use) Typical occupancy Total person hours	467 F	Hours/week For example, 24/7=168, Weekdays 9-5=40, Weekend 9-5=16 People Occupancy during normal use Person-hours/year This calculated value is the building's intensity of use	
2030 COMMITMENT + RATING SYSTEM 2030 Challenge Goal Is the submitting firm a signatory of the AIA 2030 Commitment? Is the project recorded in the AIA 2030 Design Data Exchange (DDx)? Is the project certified with a third party rating system? If so, record the certification(s) and year(s) achieved (not targeted)	70% Yes Yes Yes 2022	Energy reduction from the Zero Tool baseline (CBECS 2003) ✓ Learn more about the AIA 2030 Commitment here → Learn more about the DDX here → ✓	AIA 2030 AIA 2030 DDX
Measure 1	Good design elevates any project, no matter how small, with a th	roughtful process that delivers both beauty and function in balance.	AIA Framework for Design Excellence for

****▶ Design for Integration

It is the element that binds all the principles together with a big idea.

A Framework for Design Excellence for detailed strategies

	UNITS / DEFINITION	LINKS / SUPPORT
Project Summary Statement Built as a replacement for an aging community gym and aguatics center to create more contiguous park space, the stacked ARC reaches beyond the	Describe your project. Emphasize design achievements including design intent and program	
bound as a reporting to an aging community grin and aquatics content to create more complotes park against active receives beyond the boundaries of the park, spanning across a public street, resting in a parking lot 35 feet below the finished grade of the park. The goal of the project was to creat		
a bridge to the adjacent rootop tennis courts, create a main entry to the ARC at the park level and land the bulk of the facility 35 below.	requirements and any other distinguishing aspects of your project.	
The project has achieved LEED Gold Certification and is tracking petal certification protect has achieved LEED Gold Certification and is tracking petal certification protect has achieved LEED Gold Certification and is tracking petal certification protect has achieved LEED Gold Certification and is tracking petal certification protect has achieved LEED Gold Certification and is tracking petal certification protect has achieved LEED Gold Certification and is tracking petal certification protect has achieved LEED Gold Certification and is tracking petal certification protect has achieved LEED Gold Certification and is tracking petal certification protect has achieved here achieved h		
systems beat Title 24 by 25%. The constraints of the site caused the building to have a minimal footprint and there is mitigation of 100% of the stormwater runol		
on site.		
Passive heating and cooling are achieved through natural ventilation, thermal mass, and large format fans. Natural daylight fills the public spaces, and a stacked,		
automated parking system minimizes the impact of cars on the site. The project gives back open space to the community while providing an effective mix of		
recreation, education, and meeting spaces.		
Daver is supplemented by a CELML reaction abstruction array		
Client Impact Statement	_	
The project was the final phase of the completion of a masterplan for the park and community buildings. The main goal of the project was to create a state-of-the	Relate how the project came to be, including the client's goals and what impact the finished project	
art community recreation and aquatic facility while taking the bulk of the square footage out of the park creating more contiguous open park space in an	has made on the client, users, and/or the community.	
extremely dense community. The city of West Hollywood is one of extremes. A robust senior population, a vibrant Russian immigrant population, movie stars an	1	
entertainers, athletes and one of the largest LGBTQ communities in the State. Creating a solution that brought this diverse population together involved intense		
community and business leader interaction throughout the design process. The project is also designed to serve large scale public and private events such as		
the Elton John Foundation and Vanity Fair.		
Since its very recent completion, the park and building have hosted a new summer day camp program, a local LBGTQ pride celebration, an artist reception and		
multiple dodge and pickle ball competitions. The project was designed to embrace the diversity of the community and enable them to connect in new and varie ways. To that end, after only a few months of operation, the project is a success.	1	
ways. To that end, after only a few months of operation, the project is a success.		
Statement of Design Excellence	1 • • • • • • • • • • • • • • • • • • •	
The ARC was designed to create more contiguous park area while still increasing the size and program of the existing community buildings. The city is only 1.9	Describe this project's approach to sustainability through design. How does the project use	
square miles total with a population of 35,000 residents. With no opportunities for additional open space within the city boundaries, the design goal of the ARC	architectural design to benefit the occupants, community, and planet. For example, when outdoor	
was more program in less space. A stacked solution provided the necessary public and community space while extending the park area by almost 1 acre. With population ranging from young families to a vibrant LGBTQ community and active seniors, the need for open space is imperative. Studies confirmed the benefit	temperatures are extreme and air quality is poor due to pollution or wildfire smoke, how does the project conserve energy and protect the occupants? (This question addresses real impact. No fluff.)	
population ranging irom young tamiles to a viorain Losi or community and active semiols, the need to open space is imperative, studies commend in benefic of urban public spaces including the facilitation of opportunities for social interaction and connection, improved physical and mental health, environmental	project conserve energy and protect the occupants? (This question addresses real impact. No hun.)	
or to bail public spaces including the radiatation of opportunities for social interaction and contenction, improved physical and interact neurit, environmental benefits, and in the case of West Hollywood, economic value creation. The park and building are also designed for universal access providing an equitable		
experience for all. West Hollywood can reach temperatures in the summer well over 100 degrees. With many residents living in older, unairconditioned		
apartments the building provides refuge through large community social spaces, public pools, and shaded respite decks which also provide an opportunity for		
citizens to come together as a community.		

Measure 2 Design for Equitable Communities	Design solutions affect more than the client and current occu Good design positively impacts future occupants and the larg		AIA Framework for Design Excellence for detailed strategies
COMMUNITY ENGAGEMENT Community engagement level Community stakeholder narrative	INPUTS Partnership	UNITS / DEFINITION ▼ Learn more about community engagement →	LINKS / SUPPORT Arnstein's Ladder of Citizen Participation
The community of West Hollywood is extremely engaged in all public building projects. From the st contributor to the design process. A large and very involved community design commitee was form community were heard. The group was made up of a variety of community users from athletes and Prominent business leaders and local event planners were also engaged to ensure all the commun	ned and met regularly to ensure that all members of the seniors to the mobility challenged and even children.	Were notable community engagement efforts part of the process? If so, briefly describe them. For all submittals, describe ways in which the project improves or contributes to the surrounding community or natural landscape.	
SOCIAL JUSTICE, EQUITY, DIVERSITY, AND INCLUSION Does the project benefit people who are not directly associated with the project?	Yes	•	
If so, provide an example: The ARC was designed to accommodate universal access and gender-neutral strategies. Additional looked outside the city boundaries to potentially meet the needs of surrounding areas and business as many community members as possible. Areas are provided to accommodate the more active cit local businesses and event planners, created a park designed to be flexible and adaptable to a wide	ses. Spaces are designed to be flexible, meeting the needs of tizens as well as children and the elderly. Engagement with		
MOBILITY AND ACCESS Walk Score Transit Score Bike Score	94 62 76	This link will assign a score (0-100) for non-vehicle transportation opportunities based on the project's address. Report a unique score for walking, biking, and public transit—	Walk Score
Alternative strategies for remote / rural projects (if applicable): With a walk score of 94, a transit score of 62 and a bike score of 76, West Hollywood is considered reinvestment, a more robust network of pedestrian walks, plazas, public art and retail and restaurar effectively with the surrounding neighborhoods. The building itself is designed to connect to the co park, the library and from the street 35' below the grade of the park were all enhanced and emphasite the stress of the street and the street stress of the stress o	nts are all planned to engage the project even more ommunity on many levels. Pedestrian connections from the	Briefly describe design strategies used to limit the negative impacts of vehicular transportation that might not be reflected by the scores above.	
NARRATIVE Design for Equitable Communities Narrative From the start of the project, the community was an integral contributor to the design process. A la was formed and met regularly to ensure that the community was heard. Much of the discussion rev previously only accessed from two points around the perimeter which changed a walkable solution permeable, allowing meaningful access from all sides. Stairs, ramps, fitness traits, and public art en	volved around neighborhood connections. The park was ninto a driving solution. The new design is much more	Optional prompts: - Alternative transportation strategies to decrease dependence on cars - Specific social equity issues addressed - Unique strategies for community outreach	
Measure 3 Design for Ecosystems	Good design mutually benefits human and nonhuman inhabit	ants.	AIA Framework for Design Excellence for detailed strategies
Site Context / Environment Was the site previously developed? Does the landscape design provide habitat for local fauna and pollinators? What percentage of the landscape design is native vegetation? Does the site design align with dark sky standards? Does project comply with recognized bird collision deterrence criteria? If yes, identify the standard or legislation used. Design for Ecosystems Narrative From the start of the project, the community was an integral contributor to the design process. A la was formed and met regularly to ensure that the community was heard. Much of the discussion rev previously only accessed from two points around the perimeter which changed from a walkable value.	volved around neighborhood connections. The park was lution into a driving solution. The new design is much more	 UNITS / DEFINITION This will help the jury understand the project's context Building on previously developed sites is generally preferable Answer yes if the images in the design awards submission demonstrate clear design strategies for supporting wildlife Answer yes if all exterior lighting is full cutoff and indoor lighting does not leak onto the site at night Answer yes if you used a standard, i.e. ABC Prescriptive Criteria, LEED Credit; NYC Local Law15, CSA A460; or other from a list of "recommended" or "recommended with reservation" legislation summarized by ABC. Optional prompts: How can the design support the ecological health of its place over time? How can the design help users become more aware and connected with the project's place and regional ecosystem? 	LINKS / SUPPORT Int'l Dark-Sky Association ABC's Bird-Friendly Building Design Existing Ordinances List
Measure 4 Design for Water	Good design conserves and improves the quality of water as		AIA Framework for Design Excellence for detailed strategies
	INPUTS	UNITS / DEFINITION	LINKS / SUPPORT

Is stormwater managed on site?	Yes	Answer yes if design strategies prevent most runoff into municipal sewers or natural waterways	
Is potable water used for irrigation?	No	 Projects are encouraged to develop irrigation strategies based on collected or recycled water 	
Is potable water used for cooling?	Yes	 Projects are encouraged to develop HVAC strategies that conserves potable water 	
Is grey/blackwater reused on site? Does the project design meet EPA "Water Sense" goals for indoor plumbing fixtures?	Yes Yes	 Answer yes if recycled water is reused on site, such as for toilet flushing or irrigation Answer yes if indoor fixture flowrates are at least 20% more efficient than code 	
Is rainwater collected and stored on site?	Yes	 Answer yes if indoor fixture flowrates are at least 20% more efficient than code Answer yes if collected water offsets potential potable water use 	
Design for Water Narrative			
Water conservation and storm water management are crucial to understanding the holistic v		Does the project incorporate approaches to water conservation that go beyond code requirements? If	
use throughout the project has been redesigned to reflect a drought tolerant and native app	roach. A 7,000 SF green roof balances the respite deck and assists	so, briefly describe them.	
in storm water mitigation of which 100% happens on site.			
An underground cistern collects water for onsite irrigation. Grey water collected from the sh	lowers and restrooms is also filtered and used for park irrigation.		
*			
C Measure 5	Good design adds value for owners, occupants, community,	and	AIA Framework for Design Excellence for
Design for Economy	planet, regardless of project size and budget.		detailed strategies
	INPUTS	UNITS / DEFINITION	LINKS / SUPPORT
Building efficiency / right sizing	296	GSF/Occupant Based in the inputs above	
Cost Per GSF	\$ 637	USD/GSF Reference from Cost Data above	
Describe strategies taken to "right size" the building Right sizing is very important when designing a public facility. While it is imperative that the	facility in a second the communities desired encoder it is also	Reference the above autogenerated metric to describe efforts taken to "right size" the building	
financially and politically smart not to over build. Parks and recreation experts worked with t		Reference the above autogenerated metric to describe enorts taken to right size, the building	
program as well as projections into the future use and size of the community. Fortunately, W			
building on the opposite end of town was also being planned for expansion giving the design			
Does the project address issues of affordability?	Yes	 If yes, elaborate in the narrative below 	
Does the project reduce built area by designing spaces for multiple purposes?	Yes	 If yes, elaborate in the narrative below 	
Design for Formers, Nerretive			
Design for Economy Narrative The West Hollywood ARC project was one based on program and function rather than trend	As a low bid public project, every effort needed to be made to	Optional prompts:	
create affordable, maintainable, and durable solutions. Materiality was based primarily on su		- Place the cost/GSF number in context	
were selective and much of the space and structure was left raw to reduce cost and comple		- How does the project provide more with less?	
The compact, stacked nature of the structure provides minimal spatial impact while maximiz		- Design strategies to get multiple uses out of one space?	
which was mostly due to the robust structural systems and strategies.		- Cost saving strategies that result in a better project	
Measure 6	Good design reduces energy use and eliminates dependence	ce on	
	fossil fuels while improving building performance, function, o	comfort,	AIA Framework for Design Excellence for
Design for Energy	and enjoyment		detailed strategies
BASELINE + CODE	INPUTS	UNITS / DEFINITION	LINKS / SUPPORT
Energy Code that the project was designed to meet?	California Title-24 2016	. ▼	
Benchmark EUI	69 36	kBtu/sf/yr ← This is baseline is auto generated based on building type	
Estimated EUI based on applicable energy code	30	kBtu/sf/yr ← This is baseline is auto generated based on the local energy code	
ENERGY PERFORMANCE		How to determine EUI from Title 24 $ ightarrow$	EUI from Title 24
How are you reporting energy performance for this project?	Modeled / Predicted (from Energy Model)	 Measured energy is always preferred 	
EUI Gross (Energy consumed on site from all sources)	10	kBtu/sf/yr Add up the total annual energy and divide it by gross square feet	Note: Interior only, landscape, and master
EUI offset from onsite renewables	0.69 9.31	kBtu/sf/yr For projects with solar or wind, divide annual generation by GSF	planning projects do not need to list an EUI. If
EUI Net (Gross EUI minus EUI offset from onsite renewables) Reduction from benchmark, including renewables		kBtu/sf/yr If no onsite renewables, enter 0 ← This autogenerated metric is the project's total energy reduction	EUI is not applicable to you project, list energy
Does the project meet the 2030 Challenge?		\leftarrow This autogenerated metric is the project's total energy reduction \leftarrow It's important for our industry to aim high	conservation strategies here.
Percentage of project's total energy use met by renewables	7%	. Komponancior our matada y to ann nign	
ENERGY CONSERVATION PROCESS + STRATEGIES If the project was modeled, what type of energy model was performed?	Code or LEED compliance model	 A design energy model is best. Compliance models have limited ability to influence design 	
Was the energy model used to inform decisions during design?	Yes	 A design energy model is best. Compliance models have inflited ability to influence design Modeling energy is a good start, but the real benefit is when its used a tool to improve design 	
Did the project follow prescriptive performance to meet the energy code?	No	 Best practice is to achieve the prescriptive code criteria at a minimum 	
Design for Energy Narrative	a da bar ha shika sa da sa lika bar 🐨 ka ka di di sa sa sa da shi sha ta shi		
The main sustainable objective of the project was to provide cost and energy savings and m natural ventilation incorporating bi-fold doors which open directly to the park. Daylight and v		Optional prompts: - Enclosure / glazing strategies	
environment is also tempered by thermal mass walls and large format fans. An energy efficie		- Enclosure / grazing strategies - Solar and renewable strategies	
photovoltaic array supplements the power for the building as well as the park and LED light		- User education and operational strategies	
,		- Equipment strategies - Energy model use and response during design	

Design for Well-Being	Good design supports health and well-being for all people, considering physical, mental, and emotional effects on buildi occupants and the surrounding community.	ing	AIA Framework for Design Excellence for detailed strategies
o regularly occupied spaces have operable windows? /ere glazing strategies studied to optimize daylight against excess heat gain? indoor air filtered with MERV 13 or better? /as ventilation, either natural or mechanical, optimized for occupant health? /as a "Chemicals of Concerns" list used to inform material selection? esign for Well-being Narrative	Yes Yes Yes Yes Yes Yes Yes Yes Yes	 UNITS / DEFINITION Generally, can an occupant easily access fresh air? This would most likely take the form of building simulation modeling Is air being filtered to protect equipment or to protect occupants? (>MERV 13) Answer yes if the project is designed to achieve a maximum CO2 of less than 1000ppm Were specific toxic chemical intentionally avoided, resulting in material substitutions? 	LINKS / SUPPORT Living Product Challenge / Living Buildir Challenge Red List / Declare HPD Collaborative Cradle to Cradle / Level / UL Lense WELL Building Standard Healthier Hospitals Initiative Safer Chem
esign to Wein-generative the weight of the second state of the sec		Optional prompts: - Human health: toxicity, chemicals of concern - Daylight metrics used (sDA, ASE, UDI, etc)– link to explanation, calculator - Did you do a spatial daylight analysis? - Natural ventilation, outdoor air strategies	Kaiser Permanente Facilities Desion Pro
Measure 8 Design for Resources	Good design depends on informed material selection, baland durable, safe, and healthy projects with an equitable, sustain minimize possible negative impacts to the planet.		AIA Framework for Design Excellence for detailed strategies
id the project reuse an existing structure? hat percent of the existing structure was reused? entify the primary structural system as a whole building environmental Life Cycle Analysis (LCA) conducted? rovide total predicted embodied carbon results and units fere design strategies implemented to substantially reduce material or embodied carbon? yes, please select from the following: as local and/or recycled content a major criterion for material selection? as wood used on this project FSC certified? esign for Resources Narrative Jublic buildings need to be built to last through a robust needs analysis, and smart design that it is bilic, low bid project, careful consideration was given to materials that were locally sourced while omposite woods were combined with reclaimed woods while natural rubber flooring, linoleum an arpet tiles containing heavy recycled content. Materials were left natural and unfinished to elimin.	never possible. Id polished concrete dominated the interior spaces along with	UNITS / DEFINITION	LINKS / SUPPORT High impact Visualization
		- What factors (priorities) were considered in making material selection decisions? - How do project materials and products reduce embodied carbon and environmental impacts? How does the project promote proceed to prove which the info curled?	
Measure 9 Decision for Change	Adaptability, resilience, and reuse are essential to good desi which seeks to enhance usability, functionality, and value ov	 How do project materials and products reduce embodied carbon and environmental impacts? How does the project promote zero waste throughout its life cycle? How long will the project last, and how does that affect your material? 	AIA Framework for Design Excellence f
At is the designed lifespan of the building? At is the designed lifespan of the building? As the building designed for disassembly? As future flexibility design into the program? an the building remain useful for the short term without utility power? as the design considered the impact of climatic change over the building's lifespan? lentity a local risk that the project has been designed to mitigate lentity a local risk that the project has been designed to mitigate If other, list here:	Adaptability, resilience, and reuse are essential to good desi which seeks to enhance usability, functionality, and value ov INPUTS 100yrs Yes Yes Yes Yes Extreme Temperatures	 How do project materials and products reduce embodied carbon and environmental impacts? How does the project promote zero waste throughout its life cycle? How long will the project last, and how does that affect your material? 	AIA Framework for Design Excellence detailed strategies LINKS / SUPPORT AIA Guide

Was a post occupancy evaluation planned for or will it be conducted on this project?	I any of the above performance criteria nding and providing for occupants needs
Were improvements made (or will they be made) during occupancy based on findings? Yes Discovery should lead to improvements Design for Discovery Narrative The ARC story is one that has already been shared throughout the 8 years of planning and construction of the facility. The design and design process was presented to community groups, school groups and industry organizations. Optional prompts: - Strategies for future change/adaptation Since much of the construction was completed during the pandemic, a virtual outreach to local business and community groups as well as a virtual tour for local - Lesson learned – what would you do different The story was one of community, connection, and smart sustainable design. - How did the project's design process foster a operators to ensure design intentions are realize over time? - Was a post occupancy evaluation planned for	Jong-term relationship between designers, users, and ted and the building project performance can improve or conducted on this project? If not, how are the pries shared, even if the findings fall short of the vision?