# PROJECT NARRATIVE

# CCV - The Grill Building with Outdoor Community Space Central Scottsdale Campus 12344 N. 96<sup>TH</sup> Street Scottsdale, AZ 85260

#### Current Existing Buildings:

•	Building A:	Worship Building, 12301 N. 96th St.
•	Building B:	Student Building, 12344 N. 96th Place
•	Building C:	Administration Building, 9610 E. Cactus Rd.
•	New Building D:	New Coffee/Grill Building with Outdoor Community Space adjacent to the Worship Building, 12301 N. 96th St.
•	Zoning:	R1-35

### History of Christ's Church of The Valley (CCV):

Christ's Church of the Valley (CCV) was founded in 1982 in Phoenix, AZ. This church has greatly grown from the original Pastor's Living Room to renting a movie theatre to the first permanent campus location at 7007 W. Happy Valley Road in Peoria, AZ. CCV has always had a mission to evangelize, educate, and win the Phoenix Valley for Christ. Once CCV retained its permanent site in Peoria, its attendance started to grow incredibly. In the early 2010s, CCV embraced a multi-campus concept to physically go out and reach the Phoenix Valley for Christ. This concept started as building a small amount of tenant improvement campuses as well as a few new ground-up campuses around the Valley in different cities. Due to the incredible support, CCV has been able to increase its building power throughout the entire Valley. This expansion has supported advancements in digital technology, including online streaming and social media, which has helped the church connect with a larger audience and provide services to new diverse communities.

The Central Scottsdale Campus was established in the Fall of 2022 to meet the growing demand for CCV services in Scottsdale, AZ. Looking to the future, CCV does not plan on slowing down its expansion throughout the entire Phoenix Metro Valley to expand its campus network, deepen community outreach, and focus on sustainability and innovative practices and procedures to adapt to the area's future needs and continued growth.

#### CCV – Current Project Overview:

The Central Scottsdale Campus, inaugurated in 2022, serves as a hub for weekly services and various youth activities. The campus includes three existing buildings and an outdoor Baptistry, with the attached proposed plans for additional development on this campus.

#### Proposed Campus Project:

#### Building A – Worship Building:

 A-1 - Modification to Worship Building: Provide a new entry vestibule at the main entrance to the worship building and renovate the existing Office #130 to create a new egress side entry to access the new Grill Building structure to improve accessibility and enhance building functionality.

This front entry addition will be a new one-story, 190 sq. ft., 28'-0" high concrete and steel entry structure featuring a metal roof and EIFS exterior finish to match the existing building. This addition will include extending the existing building fire alarm and sprinkler system into this new structure.

The interior renovation will include a conversion of an existing Office 130 to a new egress access corridor with a double exterior door to access the new Coffee/Grill Building structure.

**Building B – Student Building:** (No building modifications proposed for this building)

• **B-1 – Improvements to the Existing Baptistry Area in front of the Student Building:** Provide upgraded landscaping and hardscape enhancements to improve the aesthetics and functionality of the Baptistry experience.

The new upgrades will include a new hardscape and landscaping, including the addition of three new landscaped walls for enhanced Baptistry privacy, replanting of existing trees, and implementing water-efficient landscaping practices to align with sustainability goals.

**Building C – Administration Building:** (No building modifications proposed for this building)

### Building D – New Coffee/Grill Building with Covered Outdoor Community Seating:

• D-1 - Construct a new Coffee/Grill Building with a Covered Outdoor Community Space: Provide an area for attendees to gather, provide fellowship, and enjoy the community spaces.

This new Coffee/Grill building structure (1,332 sq. ft.) and Covered Outdoor Community structure (10,111 sq. ft.) will be located 10'-0" away from the existing Worship and Student buildings. It has been designed to comply with the City of Scottsdale Planning and Development Code, featuring energy-efficient measures, solar panels, and comprehensive fire safety systems, including alarms and sprinklers. There will be multiple outdoor spaces for the community to gather for fellowship.

#### **Design Guidelines and Compliance**

### 1. Scottsdale Sensitive Design Program:

- The following Sensitive Design Principles follow the Scottsdale Sensitive Design program, established in August of 2000 and amended in March of 2001. It is understood that these Design principles will provide a comprehensive framework for guiding the design of all new developments to enhance the City of Scottsdale's aesthetic qualities and respect the Sonoran Desert Environment.
- Each Design principle is listed below followed by our specific response for how this principle is addressed within this project.

### **Design Principles:**

• <u>Enhance Design Character</u>: New developments should integrate distinctive local qualities and adapt to the evolving context of the community. This involves incorporating elements that reflect Scottsdale's unique identity while accommodating changes in the urban landscape.

 <u>Response:</u> The Coffee/Grill Building and Outdoor Community Space design incorporates elements that resonate with Scottsdale's architectural heritage. This includes using local materials and design motifs that reflect the area's identity. The choice of finishes and colors complement the existing Worship Building and surrounding campus, creating a cohesive visual narrative that reinforces Scottsdale's character.

The design ensures that the new building harmonizes with existing structures by reflecting similar architectural styles and integrating features consistent with the overall campus design. This helps in maintaining a unified aesthetic across the Central Scottsdale CCV campus.

- <u>Preserve Major Vistas and Natural Features</u>: Development projects must maintain important scenic views and protect historical and cultural resources. This principle ensures that new buildings do not obstruct or diminish the visual and historical value of the surrounding environment.
  - <u>Response</u>: The Coffee/Grill Building and Outdoor Community Space are positioned thoughtfully to avoid obstructing key scenic vistas. By carefully considering the placement and orientation of the building, the design preserves significant sightlines and enhances the site's visual experience.

The project includes landscaping enhancements that frame and protect important views. Native plants and mature trees are strategically planted to enhance the natural beauty of the site and maintain visual continuity with the surrounding desert landscape. We have also provided a Native Plant Inventory to document the Native plants that would be disturbed by our project.

- <u>Respond to Topography and Landscaping</u>: Building designs should harmonize with the natural topography and landscaping of the site. This approach minimizes environmental impact and respects the natural contours and features of the land.
  - <u>Response</u>: The building design respects the natural topography of the site, ensuring minimal disruption to the land's contours. The layout adapts to the existing landforms, which helps in reducing grading and preserving the natural landscape.

The landscape plan features native plant species and uses water-efficient irrigation systems. This approach not only integrates the building with its environment but also supports local ecology and reduces water consumption.

- <u>Protect Sonoran Desert Character</u>: Projects must preserve natural habitats and ecological processes unique to the Sonoran Desert. This includes protecting native flora and fauna and ensuring that developments do not disrupt the desert's delicate ecological balance.
  - <u>Response:</u> The building uses materials that are suitable for the desert climate, including those that offer thermal insulation and are resistant to extreme temperatures. This helps in maintaining the Sonoran Desert's ecological balance and reducing environmental impact.

Design strategies include measures to protect existing natural habits and minimize disturbances to local flora and fauna. This approach aligns with the program's goal of safeguarding the desert's delicate ecological processes.

- <u>Design of Public Realm</u>: Create cohesive and engaging public spaces that foster community interaction and identity. This involves designing amenities and public areas that enhance the overall character of the community.
  - <u>Response:</u> The Coffee/Grill Building and Outdoor Community Space features outdoor covered patios and communal spaces to encourage interaction and community engagement. These areas are designed to be inviting and functional, fostering a sense of attendee community before and after church services.

The design includes pathways and access points that ensure the building is easily navigable and accessible to all users, including those with disabilities. This promotes inclusivity and supports the creation of a welcoming environment.

- <u>Integrate Alternative Transportation</u>: Incorporate facilities for bicycles and public transportation to promote connectivity and reduce reliance on single-occupancy vehicles.
  - <u>Response:</u> The project includes provisions for bicycle parking and amenities to encourage alternative transportation. This aligns with the city's goal of reducing reliance on single-occupancy vehicles and promoting sustainable transport options.

The site design incorporates well-defined pedestrian pathways that connect all key areas around the campus to the public ways for convenient bus transportation access. This also encourages local walking from local residences.

- <u>Consideration for Pedestrians:</u> Design pedestrian-friendly environments with appropriate landscaping, shading, and accessible entry points to encourage walking and enhance the overall experience of the space.
  - <u>Response:</u> The building's design includes shaded walkways and outdoor spaces to enhance pedestrian comfort and reduce heat gain. This project features a covered roof shade structure to provide relief from the sun and improve the overall experience. This covered roof structure allows for the installation of solar panels on the roof as well.

The design ensures that all pedestrian areas are accessible, with features like ramps and appropriate signage that facilitate easy navigation throughout the campus.

- <u>Logical Hierarchy of Building Masses:</u> Manage building heights and visual impacts to ensure that new structures fit harmoniously within their surroundings and do not overwhelm adjacent properties.
  - <u>Response:</u> The Coffee/Grill Building and Outdoor Community Space scale and massing are designed to blend seamlessly with the existing structures on the campus. The building's height and volume are managed to ensure that it fits harmoniously within the context of its surroundings, avoiding any visual overwhelming of the neighboring properties.
- **<u>Response to Desert Environment:</u>** Use materials and design features that are appropriate for the desert climate, including heat-resistant materials and passive cooling techniques.
  - <u>Response:</u> The building utilizes materials that are specifically chosen for their ability to withstand the harsh desert climate. This includes heat-resistant finishes, such as EIFS exterior finish, and construction techniques that enhance the building's durability and energy efficiency.

Design elements such as shading devices and natural ventilation strategies are incorporated to minimize heat gain and improve indoor comfort without excessive reliance on mechanical cooling systems.

- <u>Sustainable and Healthy Building Practices:</u> Emphasize practices that minimize environmental impact, such as energy efficiency, water conservation, and the use of sustainable materials.
  - **Response:** This project incorporates energy-efficient systems, including solar panels and advanced HVAC systems, to reduce overall energy consumption and support sustainable building practices.

The design features water-saving fixtures and irrigation systems that align with practices for water conservation, reflecting a commitment to sustainability.

- <u>Landscape Design and Efficient Water Use:</u> Employ indigenous and mature plant species in landscaping to complement the built environment and support local ecology. Implement water-saving practices in landscaping to conserve resources and promote sustainability.
  - **Response:** The landscaping plan emphasizes the use of indigenous plant species, which are well-adapted to the desert environment and require minimal water.

Efficient irrigation systems and drought-tolerant plantings are implemented to conserve water and reduce the environmental footprint of the landscaping.

- Lighting Design: Ensure that lighting meets practical needs while minimizing glare and reflecting the character of the area. This includes using fixtures that reduce light pollution and enhance safety.
  - **Response:** LED fixtures are used throughout the site to provide energy-efficient illumination, which helps in reducing overall energy consumption and supports the city's sustainability goals.

The lighting design incorporates full-cut-off fixtures and controls to minimize light spills and glare, preserving the natural night environment and enhancing the visual appeal of the campus.

#### Scottsdale Sensitive Design Program Conclusion:

We have meticulously tried to adhere to all of the Scottsdale Sensitive Design Program Guidelines for the new Coffee/Grill Building and Outdoor Community Space area, by including its principles in every aspect of this project design. This approach ensures that the development not only meets regulatory requirements but also contributes positively to the aesthetic, environmental, and functional qualities of the existing CCV – Central Scottsdale Campus. By aligning with these guidelines, the project enhances the community's character, respects the natural environment, and supports the city's goals for sustainable and thoughtful development.

### 2. The City of Scottsdale Design Standards and Policies Manual:

- <u>Purpose:</u> The Design Standards and Policies Manual aims to ensure that new developments contribute positively to the city's character, functionality, and quality of life. This manual provides a comprehensive set of guidelines to guide the design and implementation of new projects.
- Integration of Design Standards into the project: The design and development of the Coffee/Grill Building with the Outdoor Community Structure and Covered Seating space is to adhere to the following City of Scottsdale

comprehensive design guidelines. The guidelines encompass a range of principles and standards aimed at ensuring new developments harmonize with the city's aesthetic, environmental, and functional expectations.

#### **Design Standards:**

• <u>Site Design</u>: The main components of Project Design that should be considered throughout the design development process include: Buildings, Walls, and other architectural features; service, loading and refuse collection areas and storage areas; Utility Infrastructure and wireless communications infrastructure; Required Open Spaces, Special User amenities, and other special features; Parking lots, parking structures, parking canopies, and vehicular circulation/access; Pedestrian circulation systems, transit facilities, and bicycle facilities; Outdoor Dining Areas; Linkages to surrounding areas.

#### <u>Response:</u>

- The new building structures (Worship Entry Vestibule and Coffee/Grill Building with associated covered Roof Structure will incorporate the exterior finishes to match the rest of the existing campus buildings, i.e. EIFS and steel structure.
- Since this is an existing developed church campus, there is currently a single trash enclosure provided; however, with our proposed project, we are adding a second trash enclosure next to the existing structure.
- The outdoor community space will provide approximately 10,000 sq ft. of covered roof and support the new solar panels which will be used for the community gathering of the church attendees. Under this covered roof structure there will be multiple areas for gathering, (i.e. turf area for kids to play and a seating area for parents to gather and eat meals provided by the outdoor grill area).
- The existing parking lot to the east of the worship building will be redesigned to provide retention underground and reallocate the parking lot spaces to prepare the space for the new Grill Building / Outdoor Community Covered Structure. The parking lot has been redesigned to allow for the required vehicular and fire truck circulation around the property.
- There have been bicycle parking spaces provided on the south side of the Worship building to provide direct access to the public ways.
- <u>Architectural Design</u>: The architectural guidelines intend to ensure a base level of quality architecture that is responsive to its context and builds upon the aesthetic identity of the community rather than a design solution(s) that is based on the standardized formula or market prototype superimposed on the selected sites. Over time, certain projects and landmark buildings begin to define the dominant character of the area. Not all buildings in the surrounding area contribute equally to the area's character and each example should be weighed against the balance of all other projects. The architectural guidelines intend to encourage proposals that will fit within and contribute to the established or planned architectural character and context of the specific area. Areas with little, no, or poor immediate context should expand the area of influence to identify the architectural context or establish a new design vocabulary consistent with the Scottsdale Sensitive Design Principles.

#### o Response:

 Character and Context: The new Grill Building / Outdoor Covered Community Structure design takes into account the on-site design elements from the existing campus buildings. The intent was to make this structure look as if it was always part of the original construction but yet, provide all of the needed amenities that this church campus requires to be prosperous. With this new building design, we have matched the existing building's repeating patterns, rhythms, and proportions that are found in the existing buildings.

- Scale and Proportion of Development: We have divided the overall Grill Building / Outdoor Community space structure into different massing structures. The covered Community Roof structure will extend over the entire area; however, the Grill building is designed in the middle to break up the continuous roof line and provide an appealing visual look at the east side of the property looking towards the Worship Building. Under the Covered Roof Canopy, we have placed various spaces for community gatherings: 1) Outdoor seating for the Coffee Shop Area (between the new front entry vestibule to the Worship building and the Coffee Shop area); 2) Interior Seating for the Coffee Shop Area; 3) Grill Order and Queueing Line Area; 4) Raised Seating Area (surrounded by Landscape planter areas); and 5) Artificial Turf area for kids to play.
- Massing: We have provided a gabled roof structure over the Outdoor Community Space areas and have provided a parapet roof structure over the Grill Building which divides the roof line into different masses for visual acceptance.
- Design of Pedestrian Frontages: This new building structure is located away from the public way on the east side of the existing Worship building and the only portion of the roof structure visible from the public way is the covered Turf Play area between the Student and Worship Buildings along 96<sup>th</sup> Street. There is an existing public access walkway from 96<sup>th</sup> Street into the Worship Building and adjacent to our new Coffee / Grill Building. Also, this new building is located 10'-0" away from the existing Worship Building which will provide a shaded walkway between structures. The design of the Coffee / Grill Building was to provide the proper human scale for all pedestrian areas.
- <u>Climatic Response</u>: This project has been designed to address the Arizona environment by
  providing a covered roof Community Area for church attendees. The intent was to provide as
  many covered shade areas as possible to welcome community engagement.
- <u>Architectural Details, Materials, and Colors:</u> We have provided a completely new Worship Building Front Entry Vestibule to eliminate some of the heat gain that is currently received at the entry to this building. The exterior finishes and colors will match exactly the existing Worship building colors. The new Coffee Shop / Grill Building will consist of the same wood framed / EIFS construction that the Worship Building possesses. We have provided a parapet roof structure over the Coffee Shop / Grill Building area to screen all of the HVAC and roof units required for this structure.
- <u>Landscape Design</u>: Landscaping should be integral to the overall design concept and should be carefully planned to serve more than one purpose. These guidelines intend to ensure that landscape design contributes to the overall appearance and function of the site as well as the streetscape.

#### <u>Response:</u>

 The existing campus currently has the required landscape provided and with this new proposed project, we will be enhancing the existing landscape. In the Parking areas that will be revised, we will be planting new trees and shrubs within the landscape islands. Under the Outdoor Covered Community Roof Structure, we are providing new shade-tolerant plants and trees in the raised planters areas.  <u>Lighting</u>: Site Lighting, security lighting, and architectural/landscape lighting should provide the user with illumination levels appropriate for the designed activity (i.e. parking, walking, outdoor dining). Illumination levels should also be reasonably uniform throughout the site and strive to minimize glare.

#### o Response:

- Since this is an existing church campus, all of the existing parking site lights are in place, except for the new relocated parking spaces which will include new parking site lights to meet required lighting levels and also provide full cut-off lighting fixtures. Light glare or excess brightness will be minimized in this project as much as possible. There will be no light trespass beyond property lines for this campus. The lighting design will adhere to the dark sky principles to protect the night environment and reduce light pollution. This includes using light fixtures that minimize upward light and support the preservation of the sky.
- All the lighting under the covered roof structure will meet all of the City of Scottsdale code requirements. The lighting design will aim to reduce light spillage, glare, and skyglow. This involves using fixtures and technologies that limit light pollution and preserve the natural nightscape. Adequate lighting will be provided in the key areas required, such as pathways, parking lots, and entrances to ensure safety and security. Proper illumination helps prevent accidents and deter criminal activity. Lighting will be designed to highlight the architectural features of the Coffee Shop / Grill Building and Outdoor Covered Community Space structure. The goal is to create an appealing environment that complements the overall church campus design.
- Strategic accent lighting will highlight key landscape features, such as trees, shrubs, and any
  architectural elements, enhancing the visual appeal of the environment. Lighting will be integrated
  with landscape elements to improve usability and safety, ensuring that outdoor spaces are wellilluminated for various outdoor activities.
- LED Lighting will be utilized for both exterior and interior applications due to its energy efficiency, longevity, and low maintenance requirements. LEDs also offer better control over light distribution, which helps reduce light pollution. Light sources will be chosen for their color temperature, generally around 3000K for outdoor applications, to enhance visibility and minimize impact on nocturnal wildlife.

### The City of Scottsdale Shading Guidelines:

• **Objectives:** The shading guidelines aim to reduce heat gain and glare while enhancing pedestrian comfort. Effective shading strategies contribute to energy efficiency and the overall sustainability of the development. The following shading strategies should be coordinated: Building Orientation, Overhangs and Awnings, Shade Trees, Pergolas and Trellises, Shade Structures, and Energy Efficiency.

### • Response:

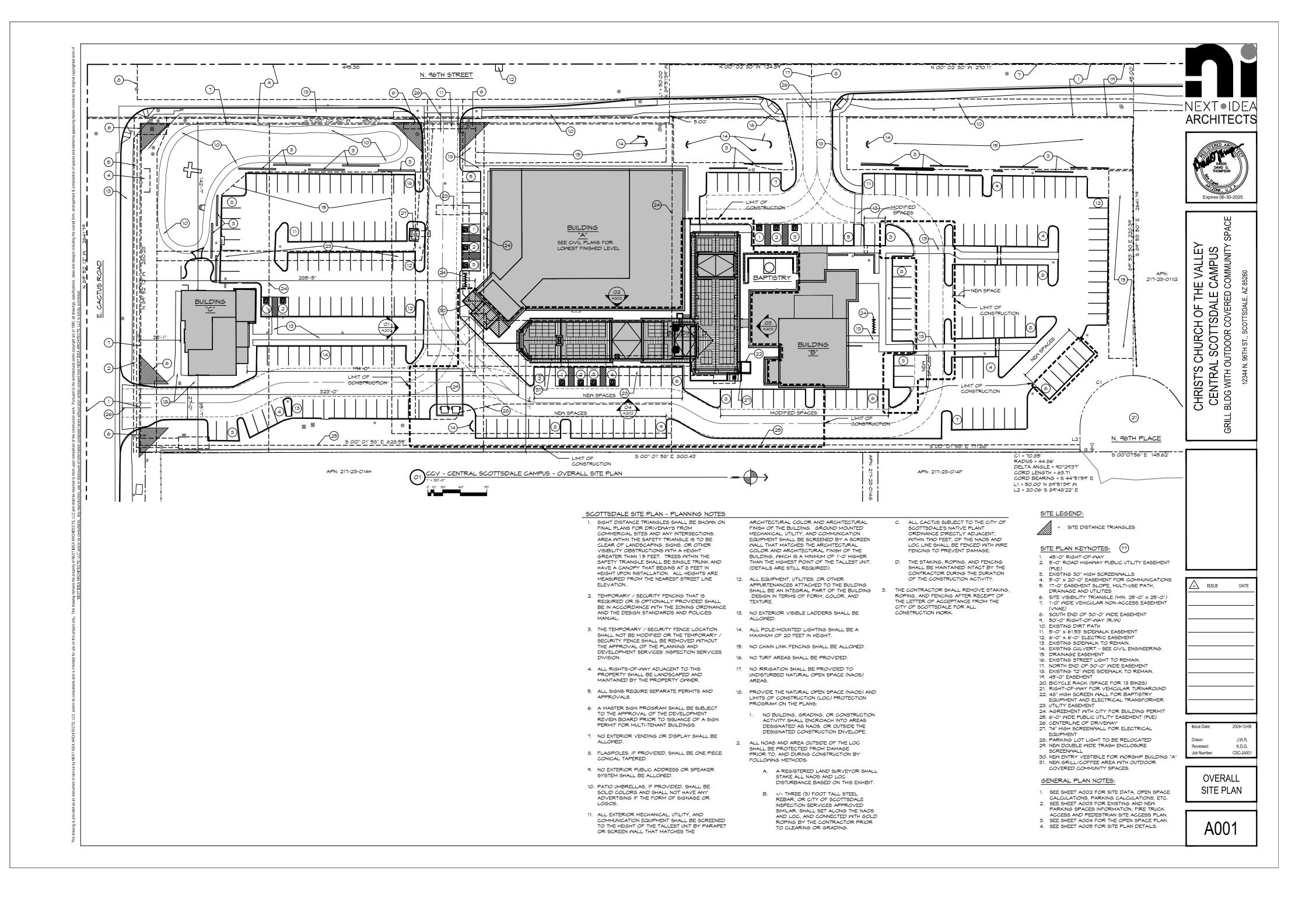
 The shading design for the Coffee/Grill Building and Outdoor Community Space Roof Structure aims to minimize solar heat gain, enhancing comfort and reducing cooling loads. This approach meets and contributes to energy efficiency and sustainability. Shading elements (covered roof structure) have been incorporated to create a comfortable outdoor space for the church attendees, providing relief from the intense Arizona Sun and enhancing the usability of campus outdoor spaces.

- The design includes overhangs and awnings above windows and entrances to block direct sunlight and reduce heat gain. These features will also contribute to the architectural aesthetic of the building.
- Shade trees have been strategically planted around the new roof structure and along pathways to
  provide natural shading. These trees have been selected for their ability to thrive in the desert
  environment and offer significant shade benefits.
- High-performance window treatments (films) or tinted glazing will be utilized to reduce the solar heat gain through windows and building entrances while allowing natural light to enter the building. This will improve indoor comfort and decrease reliance on mechanical cooling. Exterior finishes will include reflective and light-colored materials to reduce heat absorption and minimize the heat island effect around the building.
- By incorporating the proposed shading solutions, the Coffee/Grill Building and Outdoor Community Space Structure will achieve greater energy efficiency, reducing the air conditioning needs and lowering the overall energy consumption.
- Shading elements have been designed to integrate seamlessly with the campus's overall
  architectural and landscape design of the church campus. This ensures that functional shading
  solutions also contribute to the visual appeal of the building and its surroundings. The shading
  design also adheres to the City of Scottsdale Shading Guidelines, ensuring that all solutions are in
  line with city standards for energy efficiency, environmental impact, and aesthetic quality.

#### **Conclusion:**

The proposed development for Christ's Church of The Valley – Central Scottsdale Campus complies with all applicable criteria, guidelines, and standards set forth by the City of Scottsdale. The project enhances the campus's functionality, aesthetic appeal, and sustainability while promoting a harmonious relationship with the surrounding neighborhood and environment. The Coffee/ Grill Building and Outdoor Community Space Roof Structure and related campus improvements will significantly contribute to the quality of life in Central Scottsdale, providing a modern, functional, and aesthetically pleasing space that reflects the values and aspirations of Christ's Church of The Valley. This development underscores the church's dedication to excellence in design and its commitment to enhancing community connections through thoughtfully executed projects.

This proposed building project aligns with the City of Scottsdale's Sensitive Design Program, Design Standards and Policies Manual, Lighting Design Guidelines, and Shading Guidelines. The project ensures a desirable relationship between structures, open spaces, and topography, avoiding excessive variety and repetition. The design responds to the Sonoran Desert environment, conforming to the recommendations of the Environmentally Sensitive Lands (ESL) Ordinance and incorporating characteristic architectural features.

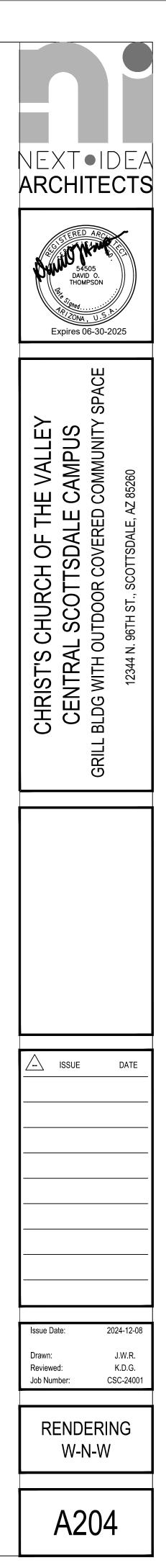


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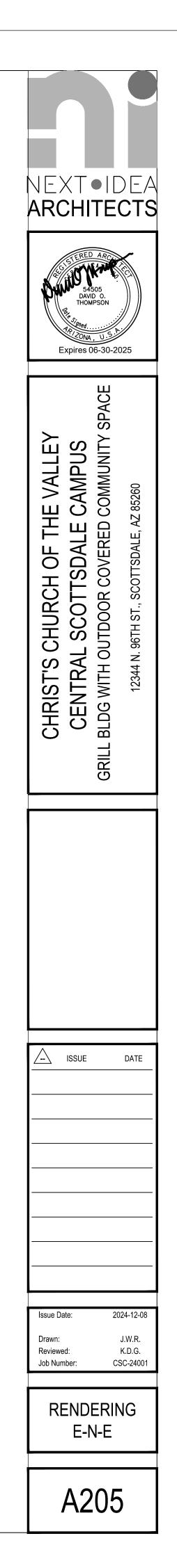


T.O. PARAPET	EXTERNAL MATERIAL AND COLOR SCHEDULE: * NOT ALL MATERIALS IN THIS SCHEDULE MAY BE USED / CALLED OUT ON THIS DRAWING / SHEET.	
24'-6" T.O. PARAPET	GENERAL NOTES: 1. ALL SIGNAGE WILL BE A PART OF A SEPARATE PERMIT	
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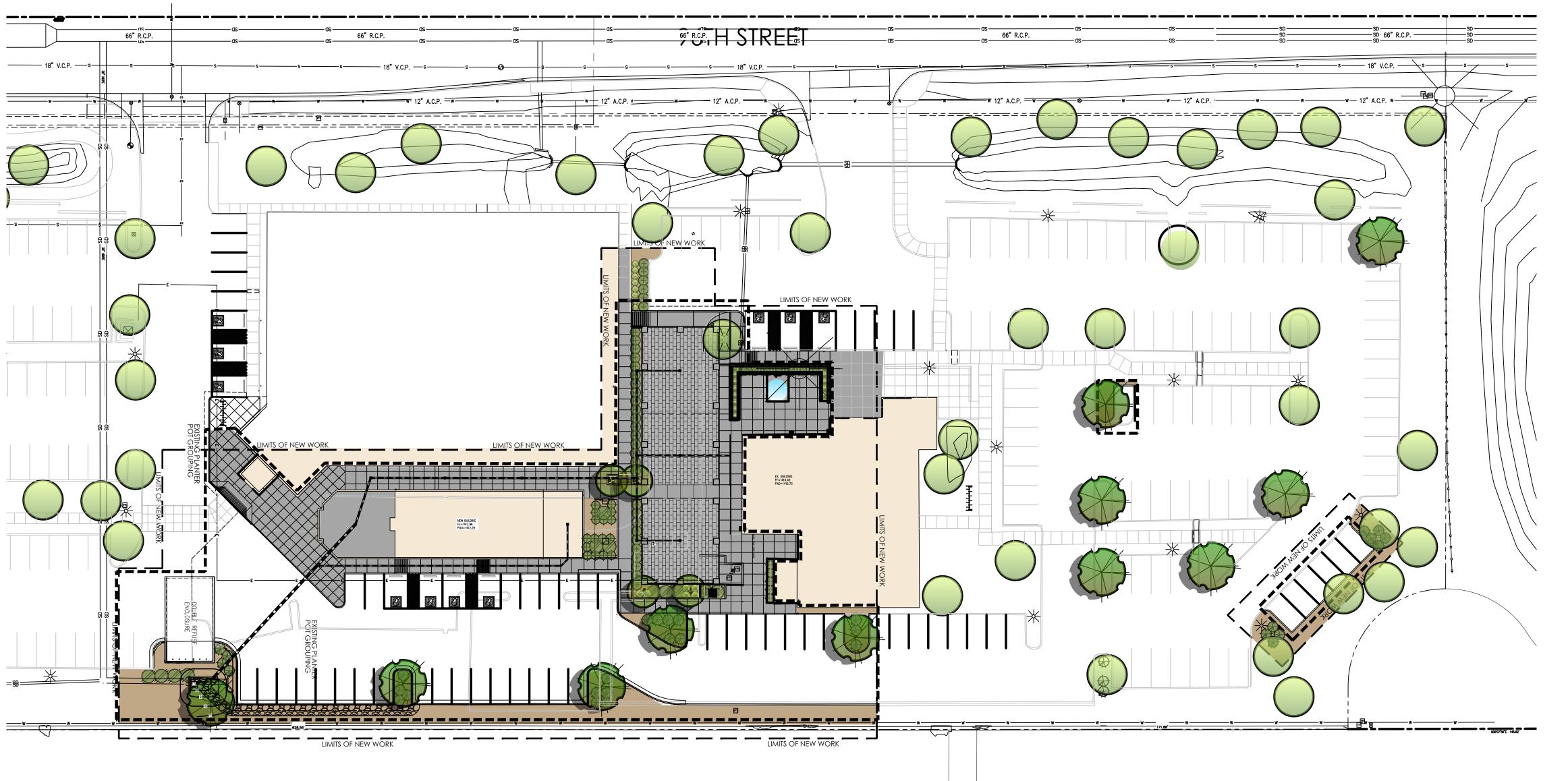






DATE 2024-12-08 JWR. K.D.G. CSC-24001 RENDERING E-S-E A206





# CITY OF SCOTTSDALE LANDSCAPE NOTES:

AN AUTOMATIC IRRIGATION SYSTEM WILL BE INSTALLED GUARANTEEING 100% COVERAGE TO ALL LANDSCAPE AREAS.

ALL LANDSCAPE AREAS WILL BE TOP-DRESSED WITH A 2" DEPTH OF DECOMPOSED GRANITE,

PROVIDE 8% SLOPE AWAY FROM WALK OR CURB FOR 5' ALONG ALL STREETS.

ALL RIGHT OF WAYS ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER

ANY EXISTING LANDSCAPE MATERIALS INCLUDING TREES DAMAGED OR DESTROYED AS A RESULT OF THIS CONSTRUCTION SHALL BE REPLACED, TO THE SATISFACTION OF CITY STAFF, WITH LIKE KIND AND SIZE PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.

AREAS WITHIN THE SIGHT DISTANCE TRIANGLES IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBILITY **OBSTRUCTIONS WITH A HEIGHT GREATER THAN 1'-6".** TREES WITHIN THE SAFETY TRIANGLE SHALL HAVE A CANOPY THAT BEGINS AT 8 FEET IN HEIGHT UPON INSTALLATION. ALL HEIGHTS ARE MEASURED FROM NEAREST STREET LINE ELEVATION.

ALL RIGHT-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER.

ALL SLOPES ON SITE ARE 4:1 MAX

NO TURF AREAS ARE TO BE PROVIDED.

SEE ARCHITECTURAL SITE PLAN FOR SETBACK DIMENSIONS.

SEE ARCHITECTURAL FOR SITE LIGHTING LOCATIONS. SEE ELECT. DRAWINGS FOR ALL LIGHTING SPECIFICATIONS.

SEE ARCHITECTURAL FOR SITE WALL ELEVATIONS, COLORS

SEE CIVIL DRAWINGS FOR ALL RETENTION AREAS, SECTIONS, AND SLOPE RATIOS.

SEE ARCHITECTURAL FOR BIKE RACK DETAILS. ALL SIGNS REQUIRE SEPARATE APPROVALS & PERMITS.

"SETBACK ALL SPRAY & STREAM TYPE IRRIGATION HEADS 1'-0" FROM BACK OF CURB OR SIDEWALK TO REDUCE OVER SPRAY".

A MINIMUM 50 PERCENTAGE (UNLESS OTHERWISE STIPULATED BY THE DEVELOPMENT REVIEW BOARD, and/or THE ZONING ORDINANCE REQUIREMENTS) OF THE PROVIDED TREES SHALL BE MATURE TREES, PURSUANT TO THE CITY OF SCOTTSDALE'S ZONING ORDINANCE ARTICLE X, SECTION 10.301, AS DEFINED IN THE CITY OF SCOTTSDALE'S ZONING ORDINANCE ARTICLE III, SECTION 3.100.

A SINGLE TRUNK TREE'S CALIPER SIZE, THAT IS TO BE EQUAL TO OR LESS THAN 4-INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 6-INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK.

A TREE CALIPER SIZE, FOR SINGLE TRUNK TREES WHICH HAVE A DIAMETER GREATER THAN 4-INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST SMALLEST DIAMETER OF THE TRUNK 12-INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK.

A MULTI TRUNK TREE'S CALIPER SIZE IS MEASURED AT 6-INCHES ABOVE THE LOCATION THAT THE TRUNK SPLITS ORIGINATES, OR 6-INCHES ABOVE FINISHED GRADE OF ALL TRUNKS ORIGINATE FROM THE SOIL

**RETENTION/DETENSION BASINS SHALL BE CONSTRUCTED SOLELY** FROM THE APPROVED CIVIL PLANS. ANY ALTERATION OF THE APPROVED DESIGN (ADDITIONAL FILL, BOULDERS, ECT.) SHALL REQUIRE ADDITIONAL FINAL PLANS STAFF REVIEW AND APPROVAL. NO LIGHTING IS APPROVED WITH THE SUBMITTAL

THE LANDSCAPE SPECIFICATION SECTION'S) OF THESE PLANS HAVE NOT REVIEWED AND SHALL NOT BE A PART OF THE CITY OF SCOTTSDALE'S APPROVAL.

NEW LANDSCAPING, INCLUDING SALVAGED PLANT MATERIAL, AND LANDSCAPING INDICATED TO REMAIN, WHICH IS DESTROYED, DAMAGED, OR EXPIRES DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE SIZE, KIND, AND QUALITY PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY / LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE INSPECTION SERVICES STAFF.

THORNY TREES, SHRUBS AND CACTI SHALL BE PLANTED SO THAT THEIR MATURE SIZE / CANOPY WILL BE AT LEAST 4 FEET AWAY FROM ANY WALKWAYS OR PARKING AREA CURBING.

THORNY TREES, SHRUBS AND CACTI SHALL BE PLANTED SO THAT THEIR MATURE SIZE/CANOPY WILL BE AT LEAST 4 FEET AWAY FROM ANY WALKWAYS OR PARKING AREA CURBING.

IN THE EVENT THAT ANY OF THE EXISTING TREE IDENTIFIED ON THE LANDSCAPE PLAN AS EXISTING-TO-REMAIN DO NOT SURVIVE CONSTRUCTION, THEY SHALL BE REPLACED WITH A COMBINATION OF IRONWOOD AND NATIVE MESQUITE WITH HIGH BREAKING MULTI-TRUNK SPECIMENS ADJACENT TO THE SIDEWALK. THE TREE SIZE SHALL BE OF LARGE ENOUGH CALIPER TO PROVIDE A MINIMUM OF 7' VERTICAL BRANCH CLEARANCE OVER SIDEWALK AT TIME **ÖF PLANTING**.

**CITY OF SCOTTSDALE** 

- **RRIGATION SYSTEMS**
- CONTROL VALVE
- LANDSCAPE EMITTERS
- 1. THE DRIP IRRIGATION CONTROL VALVE SHALL BE EQUIPPED WITH A PRESSURE REGULATOR AND A CLEANABLE WYE STRAINER FILTER. 2. AT THE END OF EACH LATERAL, A FLUSH CAP SHALL BE INSTALLED IN A SIX (6) INCH ROUND PIT BOX.
- **IRRIGATION CONTROLLERS**

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SHALL BE POSTE				
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2.	PLANT FAC			
3.	SOIL TYPE			
4.	RAIN SENS			
5.	PEAK DEM			
e				

LANDSCAPE LEGEND PROSOPIS 'RIO-SALADO' HYBRID THORNLESS MESQUITE 1.5" CALIP., 6'T, 3.5'W CAESALPINIA CACALACO ••• 'SMOOTHIE' CASCALOTE 1.5" CALIP.(MULTI) 4'T, 3.5'W TECOMA 'ORANGE JUBILEE'  $\bigotimes$ ORANGE JUBILEE 5 GALLON **TECOMA STANS**  $\bigotimes$ 

- YELLOW BELLS 5 GALLON
- PODRANEA RICASOLINA Ð PINK TRUMPET VINE 5 GALLON
- **HESPERALOE PARVIFLORA**  $\oplus$ **RED YUCCA** 5 GALLON
- EREMOPHILA MACULATA (+)VALENTINE EMU BUSH 5 GALLON
- RUSSELLIA EQUIFORMIS  $(\mathbf{\tilde{s}})$ CORAL FOUNTAIN 5 GALLON
- LEUCOPHYLLUM FRUTESCENS  $\mathbf{R}$ 'GREEN CLOUD' 5 GALLON
- LANTANA MONTEVIDENSIS 'GOLD MOUND' 5 GALLON
- 1/2" MINUS MADISON GOLD DECOMPOSED GRANITE 2" DEPTH IN ALL LANDSCAPE AREAS

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IgCC AMENDED SECTION 601.3.1.2

- 1. SHALL BE BASED ON HYDROZONES. TURFGRASS AREAS SHALL BE ON THEIR OWN IRRIGATION STATIONS.TREES IN TURFGRASS SHALL HAVE A SEPARATE DRIP IRRIGATION ZONE. 2. SHALL HAVE BACKFLOW PREVENTION IN ACCORDANCE WITH CITY PLUMBING CODE (IPC) 3. SHALL HAVE A MASTER VALVE ON MUNICIPALLY SUPPLIED WATER SOURCES THAT ALLOWS PRESSURIZATION OF THE IRRIGATION MAINLINE ONLY WHEN IRRIGATION IS SCHEDULED. THE MASTER VALVE SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE BACK FLOW PREVENTION DEVICE.
- 4. SHALL HAVE AN ISOLATION VALVE INSTALLED IMMEDIATELY UPSTREAM OF EACH IRRIGATION

# IRRIGATION TURFGRASS SPRINKLERS

- 1. SHALL NOT SPRAY WATER DIRECTLY ON BUILDINGS OR HARDSCAPE AREA. 2. SHALL BE PROHIBITED ON LANDSCAPE AREAS HAVING ANY DIMENSION LESS THAN 8FT. 3. SHALL BE LIMITED TO USE WITH TURFGRASS.
- 4. SPRINKLER HEADS INCLUDING ROTORS, HEADS WITH ROTATING AND FIXED SPRAY NOZZLES SHALL CONTAIN PRESSURE REGULATING SPRINKLER BODIES.
- 3. DRIP EMITTERS SHALL BE OF PRESSURE COMPENSATING TYPE.

N SYSTEMS SHALL USE A WEATHER BASED SMART IRRIGATION CONTROLLER THAT IS ABELED OR EQUIVALENT AND CAPABLE OF FREQUENCY ADJUSTMENT AND DAY FOLLOWING SETTINGS AND SCHEDULE FOR THE IRRIGATION CONTROL SYSTEM ED ON OR ADJACENT TO THE CONTROLLER: ATION RATE OF EACH IRRIGATION STATION. CTORS FOR EACH HYDROZONE.

# SOR SETTINGS.

MAND SCHEDULE, INCLUDING RUN TIMES, CYCLE STARTS, AND SOAK TIMES. 6. MAXIMUM RUNTIMES TO PREVENT WATER RUNOFF AND STANDING WATER. 7. GALLONS PER MINUTE FOR EACH IRRIGATION STATION.

> T.J. McQUEEN & ASSOCIATES, INC. LANDSCAPE ARCHITECTURE **URBAN DESIGN** SITE PLANNING







VALLEY BUILDING AMPUS 뀌  $\mathbf{O}$ CENTRAL SCOTTSDALE NEW GRILL/COMMUNIITY CHRIST'S CHURCH OF

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