

GREEN BUILDING INITIATIVES EXHIBIT
SCALE: 1" = 40'-0"

HEAT ISLAND MITIGATION

- = APPROVED HARDSCAPE > 29 SRI (24,094 SF NEW CONSTRUCTION) (COOL PAVEMENT OR CONCRETE)
- = CONCRETE > 29 SRI (21,004 SF NEW CONSTRUCTION)
- = ASPHALT (44,266 SF NEW CONSTRUCTION)

45,098 SF OF CoS APPROVED NEW CONSTRUCTION SURFACES, AND/OR ≥ 29 SRI
 89,364 SF OF TOTAL HARDSCAPE SURFACES
 = 50.47% OF THE SITE HARDSCAPE IS CoS APPROVED AND/OR ≥ 29 SRI
 (THIS IS NOT INCLUDING SHADING PROVIDED BY TREES, WHICH WOULD ADD TO THE OVERALL % OF ACCEPTABLE HARDSCAPE)

ELECTRIC VEHICLE CHARGING INFRASTRUCTURE

EV CHARGERS ARE NO LONGER REQUIRED PER CITY OF SCOTTSDALE DIRECTION B/C ESTIMATED SITE PARKING IS < 2HRS

ENERGY COMPLIANCE PATH

PRESCRIPTIVE BASED COMPLIANCE: TOTAL VERTICAL FENESTRATION IS ≤ 40% (SEE BUILDING ELEVATION PDF FILE "40. BUILDING ELEVATIONS")

ONSITE RENEWABLE ENERGY SYSTEM

PER IGCC SECTION 701.3 ON-SITE RENEWABLE ENERGY SYSTEMS EXCEPTION #3 WE ARE TAKING THE TOTAL BUILDING PERFORMANCE COMPLIANCE PATH IN IECC SECTION C407 OF THE CITY ENERGY CODE.

IF A 20% ENERGY SAVINGS OVER THE STANDARD REFERENCE DESIGN IS NOT POSSIBLE A SOLAR PV ARRAY WILL BE PROVIDED.

REFUSE AND RECYCLING COLLECTION

PER ANTHONY FLOYD'S DIRECTIVE WE ARE TO FOLLOW DAVID GUE'S APPROVAL OF OUR (1) DOUBLE REFUSE ENCLOSURE PER COS STANDARD DETAILS #2147-1 BECAUSE THE CHURCH'S PRIMARY USE BEING ONLY ON SUNDAYS. (WE ARE ALREADY INCREASING THE REFUSE FROM ONE ENCLOSURE TO A DOUBLE ENCLOSURE.)

GREEN BUILDING INITIATIVES:

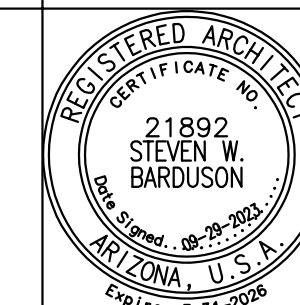
NOTE: AT THE TIME OF THIS RE-SUBMITTAL, THE CHURCH HAS NOT BEEN INFORMED BY THE COS THAT THE NEW GREEN BUILDING PROGRAM INITIATIVES NEED TO BE MET, BUT THE DESIGN TEAM IS WORKING ON A DRB APPROVAL FOR A NEARBY PROJECT THAT IS REQUIRED TO MEET THE INITIATIVE REQUIREMENTS. DESERT FOOTHILLS CHURCH IS FORMALLY REQUESTING TO BE "GRANDFATHERED" INTO DRB APPROVAL WITHOUT REQUIRING THE GREEN BUILDING PROGRAM INITIATIVES, ESPECIALLY SINCE THE DRB PROCESS HAS BEEN EXTENDED SO LONG (JULY 2021 PREAPP, FEBRUARY 2022 DRB SUBMITTAL #1). THE PROCESS AND THE POTENTIAL IGCC REQUIREMENTS HAVE BECOME AN UNDUDE HARDSHIP ON THE CHURCH'S PROJECT BUDGET AND IS NEARING \$500K OF INCREASED COSTS TO MEET THE NEW REQUIREMENTS. THE CHURCH HAS A SMALL CONGREGATION THAT WILL NOT BE ABLE TO FUND THESE ADDITIONAL COSTS. IF THE INITIATIVES ARE STILL GOING TO BE APPLIED TO THIS PROJECT, WE ARE PROVIDING THE FOLLOWING NARRATIVE, ALONG WITH A NEW A113 GREEN BUILDING INITIATIVE SITE PLAN SHEET.

revisions

DESERT FOOTHILLS CHURCH

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A113

DRB SUBMITTAL #3

8-DR-2022, 479-PA-2021, 138-DR-1995, 102-DR-1996, 6-UP-1998

GREEN BUILDING INITIATIVES