



THE BLOCK RESIDENCE ADDITION:

8229 N. 54TH STREET | TUCSON, AZ 85749

100% CONSTRUCTION DOCUMENTS

NOVEMBER 6, 2025

PROJECT DIRECTORY

OWNER:

MICHAEL & OLGA BLOCK
8229 N. 54TH STREET
PARADISE VALLEY, AZ 85253

ARCHITECT:

CARHUFF + CUEVA ARCHITECTS, LLC.
PHILIP CARHUFF, AIA
2930 N. SWAN ROAD, SUITE 210
TUCSON, ARIZONA 85712
(P): 520.577.4560

MECH. PLUMB. ELECT. ENGINEER:

ASEI ENGINEERING
DAVID MARTIN
2340 W. MISSION LANE, #3
PHOENIX, ARIZONA 85021
P: (602) 287-0300

STRUCTURAL ENGINEER:

A.V. SCHWAN & ASSOCIATES
NATHAN KLINE, P.E.
6000 E. THOMAS ROAD, #1
SCOTTSDALE, ARIZONA 85251
P: (602) 265-4331

DEFERRED SUBMITTALS

DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION AFTER BEING REVIEWED FOR CONFORMANCE WITH THE DESIGN BY THE ARCHITECT AND / OR STRUCTURAL ENGINEER THAT ARE DEFERRING THE ELEMENT. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE AUTHORITY HAVING JURISDICTION.

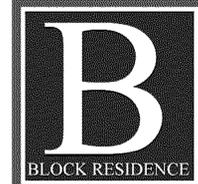
SPECIAL INSPECTIONS

REFERENCE SHEET S0.2 FOR SPECIFIC REQUIREMENTS. THESE INSPECTIONS SHALL BE CONDUCTED BY AN INDEPENDENT THIRD PARTY:

- CONCRETE
- STEEL DECK
- STRUCTURAL STEEL
- WELDING
- STRUCTURAL MASONRY
- POST-INSTALLED ANCHORS

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P0.1	PLUMBING ABBREVIATIONS AND SYMBOLS
P1.1	MAIN LEVEL PLUMBING PLAN, SCHEDULE, CALCS, & SCHEMATICS
P3.1	PLUMBING WASTE SCHEMATICS
E0.1	ELECTRICAL GENERAL NOTES / SHEET INDEX
E0.2	ELECTRICAL SYMBOLS
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E2.1	LIGHTING & POWER PLAN
E3.1	SINGLE-LINE DIAGRAM / CALCS



GENERAL NOTES & CONDITIONS

- GENERAL REQUIREMENTS:**
- ALL CONSTRUCTION SHALL CONFORM TO THE 2018 IRC INTERNATIONAL RESIDENTIAL CODE EDITION AS ADOPTED BY PARADISE VALLEY INCLUDING ALL AMENDMENTS FOR ALL AGENCIES HAVING JURISDICTION. CONFORM TO INDUSTRIAL COMMISSION OF ARIZONA GENERAL CONSTRUCTION SAFETY CODE AND OSHA REQUIREMENTS. POLICE ALL SUBCONTRACTORS TO COMPLY WITH THESE REQUIREMENTS.
 - DESIGN LOAD: REFER TO GENERAL STRUCTURAL NOTES.
 - CARE SHOULD BE TAKEN TO PROTECT AND PRESERVE ANY EXISTING LANDSCAPE, IRRIGATION, TREES, AND SHRUBS THAT ARE ON SITE, BUT NOT IN BUILDING AREA DURING SITE GRADING AND THROUGHOUT THE CONSTRUCTION PROCESS.
 - ALL TRADES SHALL FURNISH ALL LABOR, EQUIPMENT AND NEW MATERIALS TO PERFORM ALL WORK NECESSARY, INDICATED, REASONABLY INFERRED OR REQUIRED BY ANY CODE WITH JURISDICTION TO COMPLETE THEIR SPECIFIC SCOPE OF WORK FOR A COMPLETE AND PROPERLY FINISHED JOB. ALL WORK IS TO BE ACCOMPLISHED BY SKILLED WORKMEN AND IN STANDARD GOOD PRACTICES OF EACH SPECIFIC TRADE.
 - THESE CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OR SEQUENCE OF CONSTRUCTION.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE BEFORE COMMENCING WORK AND SHALL REVIEW ALL DOCUMENTS RELATED TO THIS WORK FOR ERRORS, OMISSIONS AND DISCREPANCIES PRIOR TO COMMENCING WORK AND SHALL REPORT ALL DISCREPANCIES TO THE DESIGNER. DETAILS ARE USUALLY KEYED ONCE ON THE PLANS OR ELEVATIONS AND ARE TYPICAL FOR SIMILAR CONDITIONS THROUGHOUT UNLESS NOTED OTHERWISE. DETAILS SHOWN SHALL BE INCORPORATED INTO THE PROJECT AT ALL APPROPRIATE LOCATIONS WHETHER SPECIFICALLY CALLED OUT OR NOT.
 - DETAILED DRAWINGS AND SPECIFICATIONS TAKE PRECEDENCE OVER GENERAL DRAWINGS AND SPECIFICATIONS. DO NOT SCALE FROM THE DRAWINGS OR USE SCALED DIMENSIONS. USE ONLY WRITTEN DIMENSIONS.
 - IF THERE IS A DISCREPANCY, CONSULT WITH THE DESIGNER FOR CLARIFICATIONS BEFORE PROCEEDING WITH WORK. THE WORD VERIFY AFTER A DIMENSION OR NOTE MEANS CONSULT WITH THE ARCHITECT IF THERE IS A DISCREPANCY WITH THE DIMENSION OR NOTE.
 - CONTRACTOR SHALL COORDINATE AND SCHEDULE HIS WORK TO ALLOW THE UNINTERRUPTED PROCESS OF ALL CONSTRUCTION TO BE COMPLETED WITHIN THE ESTABLISHED SCHEDULE. HE SHALL SCHEDULE AND COORDINATE ALL DELIVERY DATES FOR ANY LONG LEAD ITEMS AND MATERIALS TO ENSURE THEIR INSTALLATION IN THE PROPER SEQUENCE OF THE JOB.
 - ALL PERMIT COSTS TO BE PAID BY THE CONTRACTOR.
 - PROVIDE TWO (2) YEAR GUARANTEE FOR MATERIALS AND WORKMANSHIP.
 - CONTRACTOR SHALL MAINTAIN A CLEAN AND ORDERLY WORK AREA AT ALL TIMES. THEY SHALL CLEAN ALL AREAS AFFECTED BY DAILY WORK AND REMOVE DEBRIS AND MATERIALS FROM SITE UPON COMPLETION OF WORK.
 - DO NOT USE PAINT, PRIMERS, SEALERS OR GLUES THAT EMIT FLAMMABLE, TOXIC OR NOXIOUS FUMES. EACH TRADE SHALL BE RESPONSIBLE TO VERIFY THE MATERIALS HE IS USING AND COMPLY WITH THE MANUFACTURER'S WRITTEN INSTRUCTION FOR THEIR USE.
 - APPLY SOIL STERILIZER TO THE LIMITS OF THE PAVED AREA. TAKE CARE NOT TO CONTAMINATE AREAS DEFINED AS PLANTERS.
 - PROVIDE A SOILS PRECORT BY AN ARIZONA LICENSED GEOTECHNICAL ENGINEER FOR THE FILL PLACEMENT UNDER SLAB IF REQUIRED.
 - DAMAGED MATERIALS AND WORK SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

MISCELLANEOUS:

- SLOPE ALL PATIOS AWAY FROM RESIDENCE PER R401.3.

SYMBOLS KEY

- REVISION
- BUILDING SECTION
- INTERIOR/ EXTERIOR ELEVATION
- DETAIL SYMBOL
- ELEVATION TARGET (SECTION)
CEILING HEIGHT (RCP)
- DIRECTION OF SLOPE

MATERIAL SYMBOLS LEGEND

- CONCRETE DECKING
- BATT INSULATION
- RIGID INSULATION
- GYPSUM WALLBOARD
- METAL STUD WALL
- MASONRY WALL
- AGGREGATE BASE COURSE (A.B.C.)
- POURED CONCRETE
- EARTH CUT

PROJECT INFORMATION

MAIL NAME & ADDRESS:

GILA MONSTER LLC.
8229 N. 54TH STREET
PARADISE VALLEY, AZ 85253

SITE INFORMATION:

PARCEL# 168-65-030
ZONE: R-43
JURISDICTION: PARADISE VALLEY

SETBACKS:

FRONT: 40'-0", SIDES: 20'-0", REAR: 40'-0"

LOT: 37

LOT AREA: 46,761 SQ. FT.

RESIDENCE AREA CALCULATION

CODE TABULATIONS

LIVABLE AREA:
EXISTING LIVABLE AREA: 6,123 SF

ADDITION (THIS PROJECT):
GYM: 650 GSF

TOTAL LIVABLE AREA: 6,773 SF

ADDITION OVERHANGS (THIS PROJECT):

GYM LVL 1 ENTRY VESTIBULE:152 SF
GYM LVL 1 DECK OVERHANG:138 SF
GYM LVL 2 ROOF OVERHANG: 181 SF

TOTAL:471 SF

TOTAL NEW SQUARE FOOTAGE: 1,121 SF

CODE STANDARDS

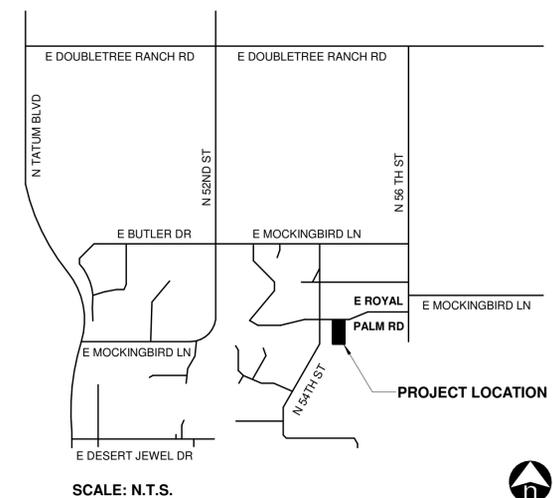
THIS PROJECT IS GOVERNED BY THE FOLLOWING CODE STANDARDS ADOPTED AND AMENDED BY PARADISE VALLEY.

- 2015 INTERNATIONAL RESIDENTIAL CODE
- 2015 INTERNATIONAL MECHANICAL CODE
- 2015 INTERNATIONAL PLUMBING CODE
- 2021 INTERNATIONAL FIRE CODE
- 2014 NATIONAL ELECTRIC CODE
- 2015 INTERNATIONAL ENERGY CONSERVATION CODE

SCOPE OF WORK

THE PROJECT INVOLVES THE CONSTRUCTION OF A 650 SF HOME GYM ADDITION TO AN EXISTING 6,123 SF SINGLE-FAMILY RESIDENCE. THE NEW ADDITION WILL INTEGRATE SEAMLESSLY WITH THE EXISTING STRUCTURE, PROVIDING A DEDICATED SPACE FOR EXERCISE AND WELLNESS WHILE MAINTAINING THE ARCHITECTURAL CHARACTER AND AESTHETIC CONTINUITY OF THE HOME.

LOCATION MAP



carhuff+cueva
architects, llc

2930 n swan rd #210
tucson, arizona 85712
phone 520.577.4560
www.cca-az.com

RESIDENTIAL ADDITION FOR:

BLOCK RESIDENCE
8229 N. 54TH STREET
PARADISE VALLEY, AZ 85253

CONSTRUCTION DOCUMENTS

REVISION	DATE	DESCRIPTION	BY
1	1/16/26	Hillside Comments	MS

PROJECT NO. PV25-25009

DATE JANUARY 16, 2026

SCALE As indicated DRAWN BY MS

DRAWING TITLE TITLE SHEET

DRAWING NUMBER T1.0

1/16/26 8:25:45 AM

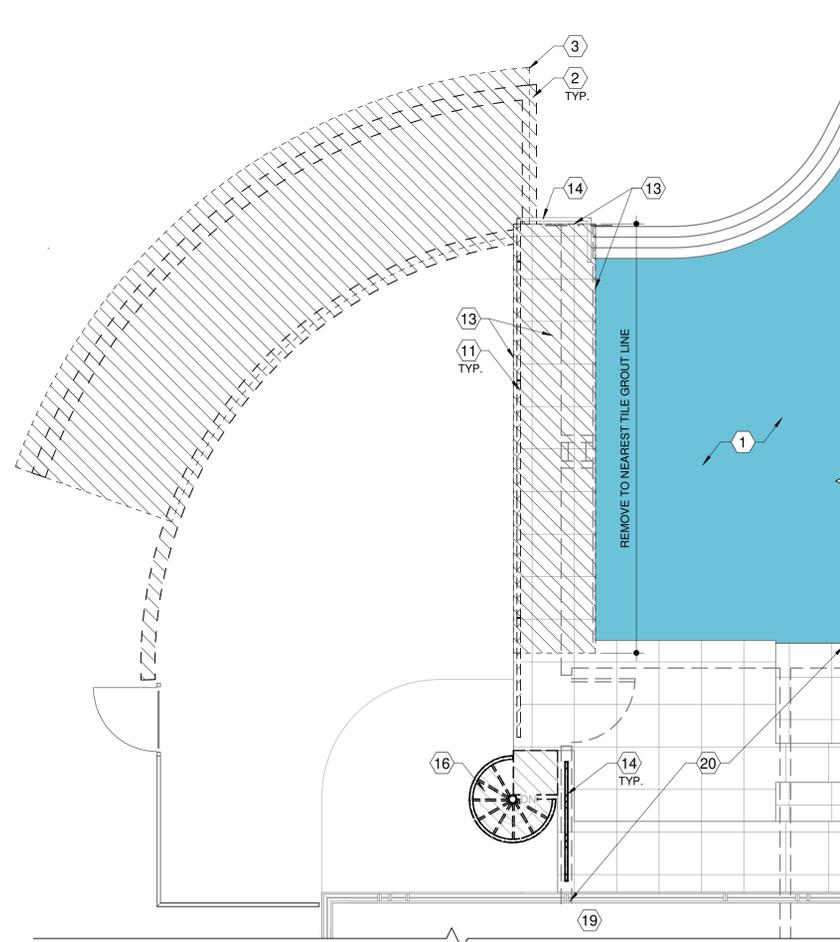


GENERAL NOTES:

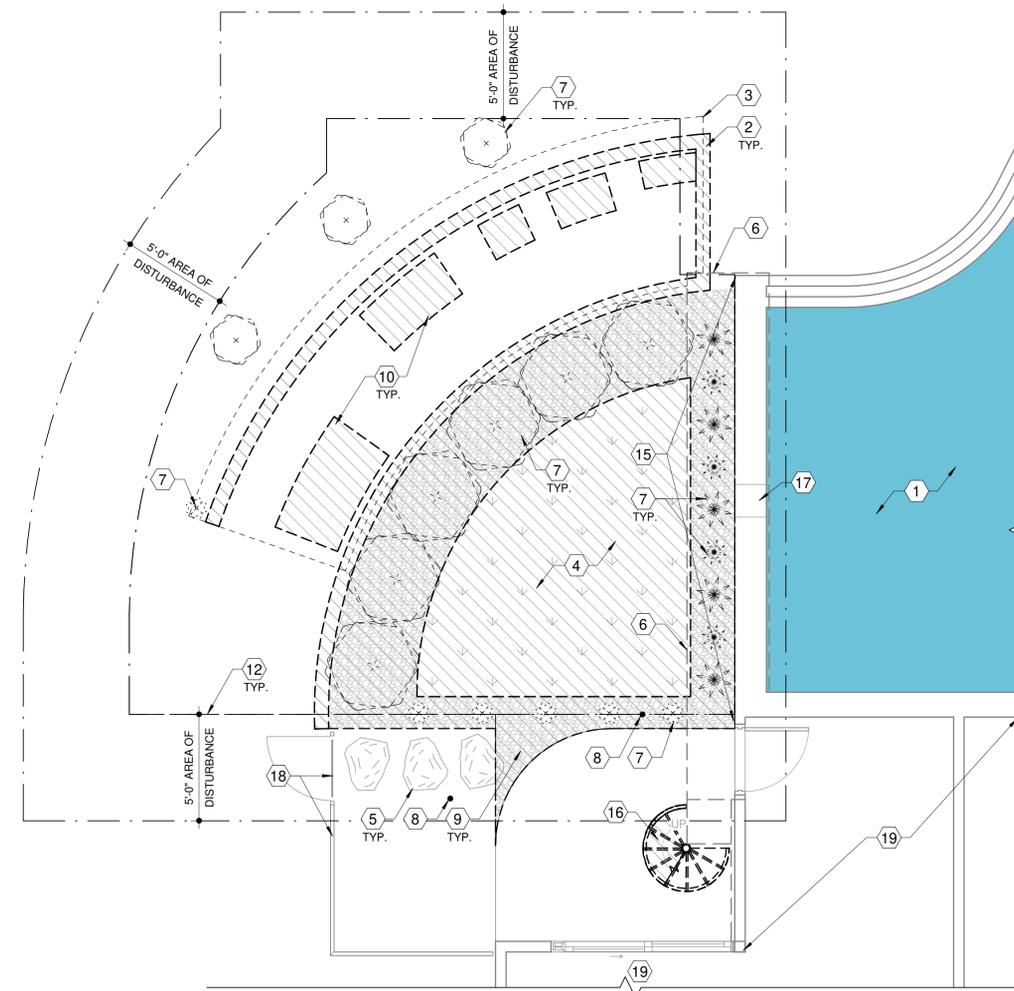
A. ALL POOL EQUIPMENT SHALL BE SALVAGED FOR RELOCATION.

KEYNOTES:

1. EXISTING POOL TO REMAIN. NO WORK IN THIS AREA. DRAIN AND PROTECT POOL DURING CONSTRUCTION.
2. REMOVE EXISTING NON-LOAD BEARING SITE WALL AND FOOTING COMPLETE.
3. EXISTING CANOPY OVERHANG TO BE REMOVED COMPLETE.
4. EXISTING TURF & FRAMEWORK TO BE REMOVED COMPLETE.
5. EXISTING FLAGSTONE WALKWAY TO BE REMOVED FOR CONSTRUCTION AND REPLACED IN PLACE AFTER CONSTRUCTION.
6. EXISTING SOFFIT / POOL DECK EDGE ABOVE TO REMAIN IN PLACE. REMOVE ALL TILE AND FINISHES TO EXPOSE CONCRETE.
7. EXISTING SHRUBBERY / PLANTS / CACTUS TO BE REMOVED FOR CONSTRUCTION, PRESERVED, AND REPLANTED PER PROPOSED PLAN.
8. EXISTING PATH LIGHTING TO BE REMOVED FOR CONSTRUCTION, PRESERVED, AND REPLACED PER PROPOSED PLAN, TYP.
9. GRAVEL TO BE SALVAGED, AND REPLACED PER PROPOSED PLAN, TYP.
10. EXISTING SLABS FOR POOL EQUIPMENT SHALL BE REMOVED COMPLETE, TYP. SALVAGE EXISTING EQUIPMENT FOR RELOCATION.
11. REMOVE EXISTING GUARDRAIL, AND SALVAGE FOR NEW LOCATION. PATCH, PRIME AND PAINT AND / OR PATCH AND REPLACE TILE, TYP.
12. PROPOSED BUILDING OUTLINE FOR REFERENCE. AREA OF DISTURBANCE 5' BEYOND.
13. REMOVE PORCELAIN TILE @ DECK AND FACE OF DECK EDGE (HATCHED AREA) FOR NEW WATERPROOFING MEMBRANE.
14. EXISTING GUARDRAIL TO REMAIN. CUT AND PATCH AS REQ'D.
15. REMOVE STUCCO UP TO DOOR TO EXPOSE CONCRETE.
16. EXISTING SPIRAL STAIR TO REMAIN. PROTECT DURING CONSTRUCTION.
17. EXISTING WINDOW TO REMAIN. PROTECT DURING CONSTRUCTION.
18. EXISTING FENCE AND GATE TO REMAIN. PROTECT DURING CONSTRUCTION.
19. EXISTING RESIDENCE. NO WORK IN THIS AREA.
20. EXISTING POOL DECK. NO WORK IN THIS AREA.



2 DEMOLITION PLAN - LVL 2 POOL DECK LEVEL
D1.0 1/4" = 1'-0"



1 DEMOLITION PLAN - GRADE LEVEL
D1.0 1/4" = 1'-0"

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CONSTRUCTION DOCUMENTS

REVISION	DATE	DESCRIPTION	BY

PROJECT NO. PV25-25009

DATE NOVEMBER 6, 2025

SCALE 1/4" = 1'-0" DRAWN BY SHD / MS

DRAWING TITLE DEMOLITION PLANS

DRAWING NUMBER D1.0

TOPOGRAPHIC SURVEY

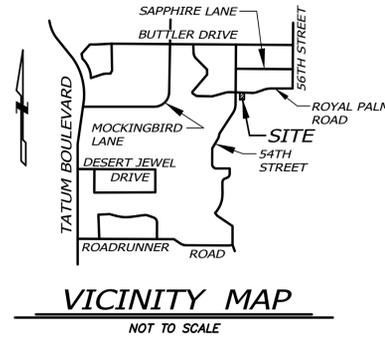
OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 NORTH, RANGE 4 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA

NOTES

- 1) The basis of bearing is the South line of the surveyed property using a bearing of South 89 degrees 46 minutes 00 seconds East, per the Subdivision of "TURQUOISE HILLS", Book 75 of Maps, Page 27, records of Maricopa County, Arizona.
- 2) This survey has been prepared without the benefit of a title report, and is subject to all easements of record.
- 3) The Benchmark used for this survey is the Maricopa County Control Network Unique Point ID 5806, being a 3" brass cap flush stamped "LS 17548" marking the North quarter corner of Section 32, having an elevation of 1356.609', NAVD88.
- 4) The underground utilities that have been shown are based on physical evidence or records provided by the respective utility companies, without verification by the surveyor. Due to the inconsistency inexact nature and ambiguity in the aforementioned records, no guarantee can be made as to the extent of the utilities available, either in service or abandoned, nor to their exact location. If this site is to be improved, the utilities and their locations shown on this survey should be verified. Please call an underground utility locator or "Arizona 811" at 263-1100 for the precise location and extent of all utilities in the area prior to any excavation.
- 5) According to FEMA Flood Insurance Rate Map, Map Number 04013C1765L, dated October 16, 2013, the subject property is located in Zone X. Zone X is defined as "Area of Minimal Flood Hazard."
- 6) The Surveyor has not obtained any information relating to, and has no knowledge of any proposed right of ways, easements, or dedications that any municipality, individual or governmental agency may require.
- 7) Use of the information contained in this instrument for other than the specific purpose for which it was intended is forbidden unless expressly permitted in writing in advance by Superior Surveying Services, Inc. Superior Surveying Services, Inc. shall have no liability for any such unauthorized use of this information without their written consent.

REFERENCES

- GENERAL LAND OFFICE RECORDS ON FILE WITH THE U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT
- SUBDIVISION OF "TURQUOISE HILLS" RECORDED IN BOOK 75 OF MAPS, PAGE 27, MARICOPA COUNTY RECORDS
- BOUNDARY SURVEY FOR "5430 E ROYAL PALM RD., PARADISE VALLEY, AZ 85253 LOT 28 - TURQUOISE HILLS" RECORDED IN BOOK 1755 OF MAPS, PAGE 1, MARICOPA COUNTY RECORDS
- LIMITED WARRANTY DEED IN 2023-0385383, MARICOPA COUNTY RECORDS
- RECORD OF SURVEY IN BOOK 763 OF MAPS, PAGE 38, MARICOPA COUNTY RECORDS



OWNER

A.P.N.: 168-65-030
OWNER: GILA MONSTER LLC
DEED: 2023-0385383, M.C.R.

DESCRIPTION

- PARCEL 1:**
Lot 37, of TURQUOISE HILLS, according to the plat of record in the office of the County Recorder of Maricopa County, Arizona, recorded in Book 75 of Maps, Page 27.
- PARCEL 2:**
An appurtenant easement for ingress and egress as set forth in Document No. 2012-0119802, in the office of the County Recorder of Maricopa County, Arizona.

CERTIFICATION

I, David S. Klein, hereby certify that I am a registered land surveyor in the State of Arizona and that the survey shown hereon was completed under my direct supervision during the month of December, 2025, and is true and correct to the best of my knowledge and belief and the monuments shown actually exist.

David S. Klein
R.L.S. #42137



DATE	REVISIONS	DESCRIPTION
12/18/2025	revised per comments	

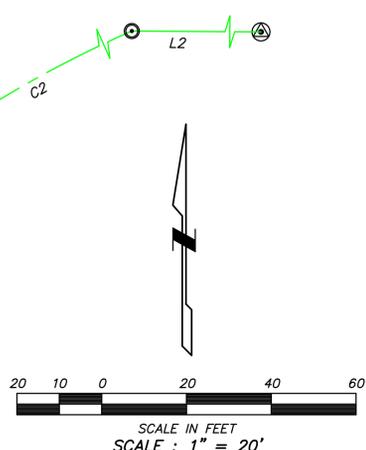
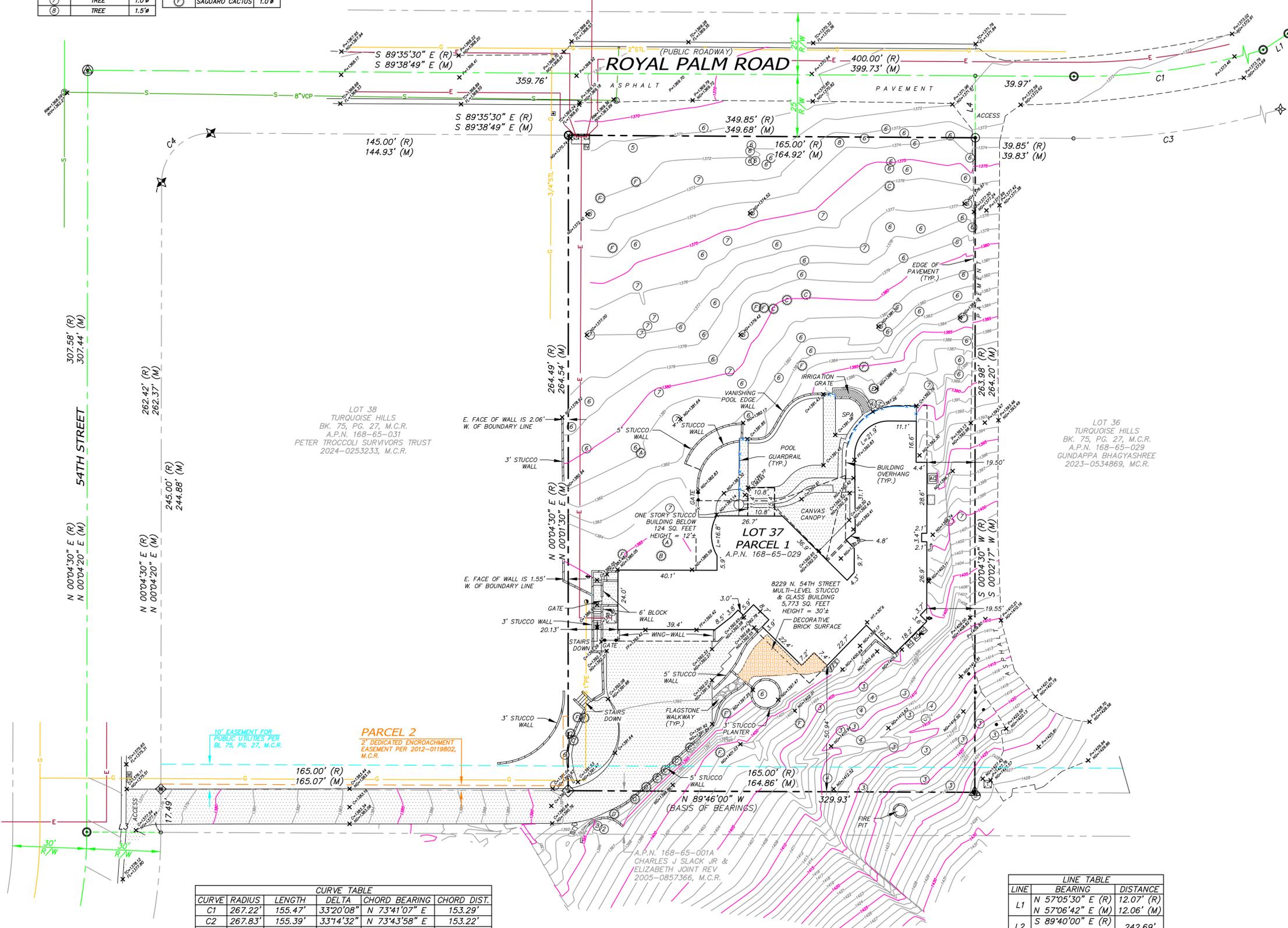
TOPOGRAPHIC SURVEY

BLOCK RESIDENCE ADDITION
8229 N. 54TH STREET, PARADISE VALLEY, AZ 85253

2122 W. Lone Cactus Drive, Suite 11
Phoenix, AZ 85027
623-869-0223 (office) 623-869-0726 (fax)
www.superiorsurveying.com
info@superiorsurveying.com

SUPERIOR
SURVEYING SERVICES, INC.

TREE TABLE			CACTUS TABLE		
TREE NO.	TREE TYPE	SIZE	TREE NO.	CACTUS TYPE	SIZE
1	MESQUITE TREE	1.0"	A	CACTUS	0.5"
2	MESQUITE TREE	2.5"	B	(8) CACTUS	0.5"
3	PALO VERDE	0.5"	C	CACTUS	1.0"
4	PALO VERDE	1.0"	D	SAGUARO CACTUS	0.5"
5	PALM TREE	1.0"	E	THREE SAGUARO	0.5"
6	TREE	0.5"	F	SAGUARO CACTUS	1.0"
7	TREE	1.0"			
8	TREE	1.5"			



LEGEND

- BOUNDARY LINE
- CENTER LINE OR MONUMENT LINE
- CONCRETE SURFACE
- 24 INCH ROLLED CURB
- INDICATES DRIVEWAY (MEANS OF ACCESS)
- WALL
- X FENCE
- HANDRAIL OR GUARDRAIL
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND SANITARY SEWER LINE
- ⊗ SET 1/2" REBAR WITH ALUMINUM CAP STAMPED "KLEIN 42137"
- ⊙ FOUND 1" BENT PIPE NO IDENTIFICATION SET WASHER STAMPED "KLEIN 42137"
- ⊙ FOUND CHASED "4" IN CONCRETE - SET TAG STAMPED "KLEIN 42137"
- ⊙ FOUND 1" IRON PIPE WITH NO IDENTIFICATION
- ⊙ FOUND 1/2" REBAR WITH YELLOW PLASTIC CAP STAMPED "ROPE 21081 (NO RECORD FOUND)"
- ⊙ FOUND 1/2" REBAR WITH NO IDENTIFICATION
- ⊙ FOUND 3" TOWN OF PARADISE VALLEY BRASS CAP FLUSH
- ⊙ CALCULATED POSITION NO MONUMENT FOUND OR SET PER BK. 75, PG. 27, M.C.R.
- ⊙ SCHEDULE B ITEM
- ⊙ AIR CONDITIONER
- ⊙ BACK FLOW PREVENTER
- ⊙ ROOF DRAIN
- ⊙ ELECTRIC TRANSFORMER
- ⊙ GAS METER
- ⊙ GUARD POST OR GATE POST
- ⊙ MAIL BOX
- ⊙ SEWER CLEAN OUT
- ⊙ SEWER MANHOLE
- ⊙ TELECOMMUNICATIONS RISER
- ⊙ CABLE TELEVISION RISER
- ⊙ WATER METER
- FL FLOW LINE
- FF FINISHED FLOOR
- TC TOP OF CURB
- NG NATURAL GROUND
- P PAVEMENT
- C CONCRETE
- RIM TOP OF RIM
- INV INVERT ELEVATION
- HT. HEIGHT
- A.P.N. ASSESSORS PARCEL NUMBER
- M.C.R. MARICOPA COUNTY RECORDS
- R/W RIGHT OF WAY
- BK BOOK
- PG. PAGE
- (TYP.) TYPICAL
- (R) RECORD PER BK. 75, PG. 27, M.C.R.
- (M) MEASURED

CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	CHORD BEARING	CHORD DIST.
C1	267.22'	155.47'	33°20'08"	N 73°41'07" E	153.29'
C2	267.83'	155.39'	33°14'32"	N 73°43'58" E	153.22'
C3	292.36'	129.15' (R) 129.09' (M)	25°17'52"	N 77°41'52" E	128.04'
C4	20.00'	31.25'	89°32'06"	N 45°05'19" E	28.17'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 57°05'30" E (R)	12.07' (R)
	N 57°06'42" E (M)	12.06' (M)
L2	S 89°40'00" E (R)	242.69'
	S 89°36'48" E (M)	
L3	S 89°46'00" E	30.00'
L4	S 00°02'17" W	25.00'



REVISIONS	DESCRIPTION
DATE	12/18/2025
	revised per comments

TOPOGRAPHIC SURVEY
BLOCK RESIDENCE ADDITION
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2122 W. Lone Cactus Drive, Suite 11
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www.superiorsurveying.com
info@superiorsurveying.com





13



9



5 - NOT CALLED OUT ON AERIAL PHOTO



16



12 - LOOKING DOWN



8



4 - DRONE



3 - FROM STREET



15



11 - LOOKING DOWN



7



2 - FROM STREET



14



10



6



1 - FROM STREET



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PROJECT NO. **PV25-25009**

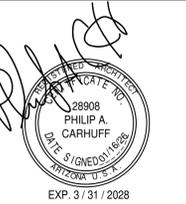
DATE **NOVEMBER 6, 2025**

SCALE **12" = 1'-0"** DRAWN BY **SHD**

DRAWING TITLE **SITE PHOTOGRAPHS**

DRAWING NUMBER **AC1.3**

11/06/2025 5:17:40 AM



carhuff+cueva architects, llc

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REVISION	DATE	DESCRIPTION	BY
1	1/16/26	Hillside Comments	MS

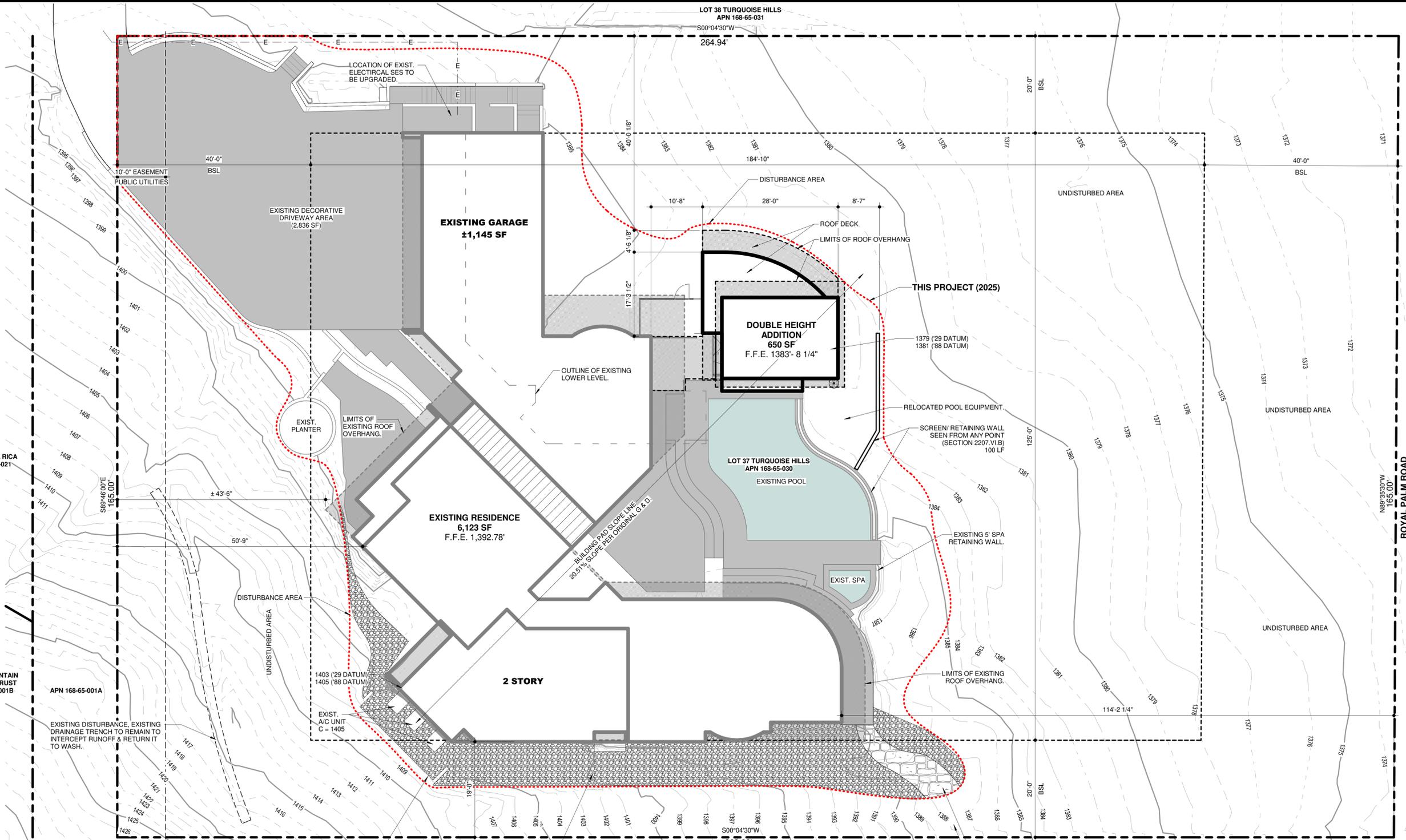
PROJECT NO. PV25-25009

DATE JANUARY 16, 2026

SCALE As indicated DRAWN BY SHD / MS

DRAWING TITLE REFERENCE SITE PLAN

DRAWING NUMBER AC1.0



SITE CALCULATIONS

APN: 168-65-030
 OWNER: GILA MONSTER LLC
 PROPERTY ADDRESS: 8229 N 54TH ST PARADISE VALLEY 85253
 ZONING: R-43
 LOT SIZE: 46,761 SF (1.07 AC)
 SUBDIVISION: TURQUOISE HILLS
 CONSTRUCTION YEAR: 1997
 LEGAL DESCRIPTION PER WARRANTY DEED 2011-1016858
 LOT 37 TURQUOISE HILLS, ACCORDING TO BOOK 75 OF MAPS, PAGE 27, RECORDS OF MARICOPA COUNTY, ARIZONA
 BENCHMARK
 GPS PID: 26089-1
 E/W STREET ALIGNMENT: DOUBLETREE RANCH ROAD N/S STREET
 ALIGNMENT: 52ND STREET

DESCRIPTION: BRASS CAP FLUSH, LS 17548, NORTH QUARTER CORNER SECTION 32; TOWNSHIP 3 NORTH, RANGE 5 EAST
 ELEVATIONS: 1356.61 (NAVD '88)
 SITE BENCHMARK
 SET PK NAIL IN PAVEMENT IN ROYAL PALM ROAD, AS SHOWN ON SURVEY ELEV = 1370.12 (NAVD '88)

CODE TABULATIONS

LIVABLE AREA:
 EXISTING LIVABLE AREA: 6,123 SF
 ADDITION (THIS PROJECT):
 GYM: 650 GSF
 TOTAL LIVABLE AREA: 6,773 SF
 ADDITION OVERHANGS (THIS PROJECT):
 GYM LVL 1 ENTRY VESTIBULE: 152 SF
 GYM LVL 1 DECK OVERHANG: 138 SF
 GYM LVL 2 ROOF OVERHANG: 181 SF
 TOTAL: 471 SF
 TOTAL NEW SQUARE FOOTAGE: 1,121 SF

HILLSIDE CALCULATION DATA

TOTAL AREA: 46,761 SF
 SITE SLOPE: (1,403 FT-1,379 FT) / 100 = 20.51%
 LOT DISTURBANCE LIMIT: (19.88+18.04) / 2 = 18.96%
 ALLOWABLE DISTURBANCE: 18.96% * 46,761 SF = 8,866 SF (NO NEW THIS PROJECT)

BUILDABLE AREA: 17,780 SF
 EXISTING STRUCTURE FOOTPRINT: 6,123 SF
 2025 ADDITION (THIS PROJECT): 650 SF
 AREA OF DISTURBANCE: 11,007 SF

THIS PROJECT DOES NOT ENCRoACH BEYOND THE EXISTING AREA OF DISTURBANCE.

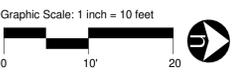
HILLSIDE NOTES

- NO CERTIFICATE OF OCCUPANCY SHALL BE ISSUED UNTIL ALL HILLSIDE STIPULATIONS AND ALL TOWN CODE REQUIREMENTS ARE COMPLIED WITH INCLUDING, BUT NOT LIMITED TO LANDSCAPING, FIRE FLOW, FIRE SAFETY AND ALL ONSITE AND OFFSITE IMPROVEMENTS. ALL OUTDOOR LIGHTING SHALL BE IN CONFORMANCE WITH SECTION 1023 OF TOWN CODE.
- ALL EXCESS FILL MATERIAL SHALL BE REMOVED FROM THE SITE WITH NO NEW SPILL SLOPES.
- THE USE OF HYDRAULIC RAM HAMMERS, OR HEAVY EQUIPMENT USED TO CUT THROUGH ROCK, INCLUDING MACHINERY WITH AUDIBLE BACKUP WARNING DEVICES SHALL BE LIMITED TO USE BETWEEN THE HOURS OF 7:00 AM OR SUNRISE, WHICHEVER IS LATER, AND 6:00 PM OR SUNSET, WHICHEVER IS EARLIER, MONDAY THROUGH FRIDAY, WITH LIMITED WORK ON SATURDAY AND NO WORK ON SUNDAY OR LEGAL HOLIDAYS.
- CONSTRUCTION STAKING AND/ OR FENCING SHALL BE PLACED AROUND THE CONSTRUCTION SITE SO AS TO PROTECT THE UNDISTURBED NATURAL AREAS.

P.V. NOTES

- ALL WALLS/ FENCES MUST HAVE DRAINAGE OPENING PER TOWN OF PV DETAILS OR WHERE NOTED ON PLANS.
- ALL EXISTING STRUCTURES AND IMPROVEMENTS IN AREA OF WORK TO BE REMOVED PRIOR TO CONSTRUCTION.
- ALL GRADING SHALL BE PER 2018 INTERNATIONAL BUILDING CODE.
- PRIOR TO FIRST FOOTING INSPECTION OF ANY TYPE, ALL PROPERTY PINS SHALL BE PLACED BY A REGISTERED LAND SURVEYOR OF THE STATE OF ARIZONA, AND PROPERTY LINES MUST BE PHYSICALLY IDENTIFIED PRIOR TO INSPECTION.
- ALL NATIVE PLANTS WILL REMAIN ON-SITE AND NOT DISTURBED.
- EXISTING POOL IS SECURED FROM UNWANTED ACCESS AND WAS APPROVED THROUGH SEPARATE PERMIT.
- ALL EXTERIOR LIGHTING TO COMPLY WITH PV ZONING ORD. 1023 FOR FIXTURE TYPE, LOCATION, HEIGHT, WATTAGE BASED ON FIXTURES INSTALLED. REFLECT A 25 WATT MAX FOR EXPOSED FIXTURES AND 75 WATT MAX FOR SHIELDED.
- PERIMETER WALLS TO BE FINISHED ON BOTH SIDES PER SECTION 2403 OF THE TOWN'S ZONING ORDINANCE.
- ALL NEW AND EXISTING ELECTRICAL SERVICE TO BE BURIED UNDERGROUND PER THE TOWN OF PV STANDARDS.

REFERENCE SITE PLAN
AC1.0 1" = 10'-0"



GENERAL NOTES:

- A. ALL WORK IS TO CONFORM TO THE 2015 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE WITH THE TOWN OF PARADISE VALLEY.
- B. ALL FINISHES (FLOORING, TILE, PAINT, BASE), FURNISHINGS, FIXTURES, EQUIPMENT, CABINETS AND COUNTERTOPS ARE TO BE SPECIFIED BY THE OWNER AND INSTALLED BY THE GENERAL CONTRACTOR (GC) AS REQUIRED.
- C. ALL FINISH INSTALLATIONS SHALL BE AS PER MANUFACTURER'S INSTRUCTIONS AND SHALL MEET ALL APPLICABLE CODES.
- D. CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
- E. ALL INTERIOR FURNISHINGS, EQUIPMENT, APPLIANCES, SINKS, PLUMBING FIXTURES, COUNTER TOPS AND MILLWORK SHALL BE SUPPLIED BY THE OWNER, AND INSTALLED BY THE GC.
- F. CAULK AND SEAL ALL JOINTS BETWEEN DISSIMILAR MATERIALS AND AT ALL WINDOW AND DOOR FRAMES.
- G. ALL WALL SURFACES INTERIOR / EXTERIOR TO BE PREPARED, PRIMED AND PAINTED THROUGHOUT.
- H. PROVIDE ALL HORIZONTAL AND VERTICAL BLOCKING FOR ALL ACCESSORIES, FIXTURES, ETC.
- I. VERIFY / COORDINATE MILLWORK REQUIREMENTS W/ OWNER.
- J. 1/2" MAXIMUM FLOOR ELEVATION CHANGE AT DOOR.
- K. 1/2" FLUSH THRESHOLD AT ALL EXTERIOR DOORS.
- L. BLACK LINES AND HATCHED PATTERNS DENOTE NEW.
- M. ALL EXISTING WALLS, WINDOWS, DOORS, FLOORS, POOL, ETC., SHOWN WITH A GRAY LINE, DENOTE EXISTING.
- N. REFER TO FOUNDATION PLAN FOR LOCATION OF NEW CONCRETE SLAB.
- O. NO WORK TO EXISTING SWIMMING POOL.
- P. LONG DASHED LINE DENOTES LEVEL BELOW / ABOVE.

KEYNOTES:

1. 15"x15" STAINLESS STEEL ONE COMPARTMENT SINK.
2. UPPER AND LOWER CABINETS.
3. SOLID SURFACE COUNTER TOP.
4. UNDER COUNTER REFRIGERATOR.
5. NEW CONCRETE SIDEWALK. ALIGN W/ EXISTING CONCRETE SIDEWALK.
6. BI-FOLD GLASS DOOR WITH MAN DOOR.
7. RECESSED FLOOR BOX OUTLETS.
8. MINI SPLIT COMPRESSOR. REFERENCE MECHANICAL.
9. RELOCATED POOL EQUIPMENT. PROVIDE 4" CONCRETE PAD FOR EACH PIECE OF EQUIPMENT.
10. RAIN CHAIN FOR ROOF DRAIN. DECORATIVE GRAVEL PIT 2' DIAMETER, BY 3' DEEP AT GRADE.
11. NEW WROUGHT IRON FENCE TO ATTACH TO ADDITION. MATCH EXISTING.
12. STOREFRONT WINDOW TO MATCH EXISTING.
13. STUCCO CMU SITE WALL TO MATCH EXISTING.
14. NEW / RELOCATED CUSTOM GUARDRAIL. MATCH EXISTING.
15. 18"x18" TILED PAVERS O/ PEDESTALS O/ 4" CONCRETE B-DECK. REFERENCE LEVEL 2 DECK PLAN FOR SLOPE. TILE TO MATCH EXISTING.
16. NEW 3 STEP PAINTED STEEL STAIRS. 18"x18" TILE IN PAN TO MATCH EXISTING.
17. 4" ULTRA THIN CHANNEL BALCONY & DECK SYSTEM DRAIN BY VODALAND. RUN DOWNSPOUT IN WALL. DAYLIGHT PAST EQUIPMENT YARD.
18. NEW HANDRAIL TO MATCH EXISTING GUARDRAILS.
19. NEW 18"x18" PORCELAIN TILE. SLOPE TO EXISTING POOL.
20. EXISTING RESIDENCE. NO WORK IN THIS AREA.
21. NEW CONCRETE DECK ATTACHED TO EXISTING.

WALL TYPES:

- NOTE:**
- 5/8" DENSGLOSS OR EQ. AT ALL WET & TILED AREAS.
 - (WT-1) NO EIFS SYSTEM AT TPO DECK WHERE INDICATED.
- WT-1**
2x6 METAL STUD EXTERIOR WALL. W/ R-21 BATT INSULATION, 1 LAYER OF WATER RESISTIVE BARRIER (WRB), 5/8" DENSGLOSS SHEATHING, 1 1/2" RIGID FOAM INSULATION (EPS), REINFORCING FIBER MESH, BASE COAT O/ FIBER MESH, EIFS FINISH COAT O/ BASE COAT TO MATCH EXISTING. PROVIDE 5/8" GYPSUM BOARD @ INTERIOR, TEXTURED & PAINTED TO MATCH EXISTING.
- (WT-1A)** METAL CAP. MATCH EXISTING.
- WT-2**
2x6 METAL STUD INTERIOR WALL FURR-OUT. W/ R-21 BATT INSULATION, 1 LAYER OF WATER RESISTIVE BARRIER (WRB), 5/8" DENSGLOSS SHEATHING. @ INTERIOR, TEXTURED & PAINTED TO MATCH EXISTING.
- WT-3**
8X16 CMU EXTERIOR WALL W/ 1 COAT STUCCO FINISH. PAINT TO MATCH EXISTING.



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RESIDENTIAL ADDITION FOR:

BLOCK RESIDENCE

8229 N. 54TH STREET
PARADISE VALLEY, AZ 85253

CONSTRUCTION DOCUMENTS

REVISION	DATE	DESCRIPTION	BY
1	1/16/26	Hillside Comments	MS

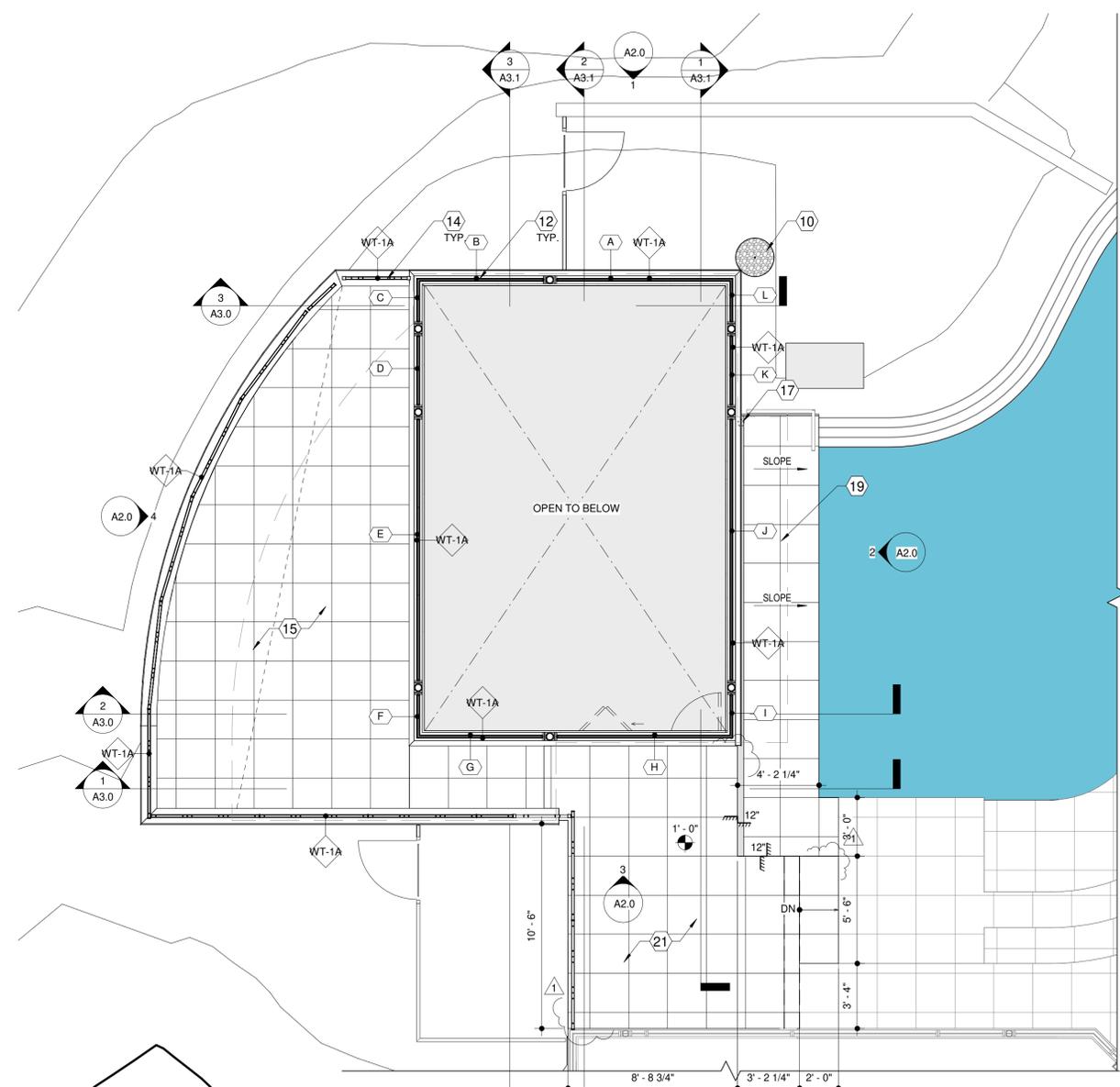
PROJECT NO. **PV25-25009**

DATE **JANUARY 16, 2026**

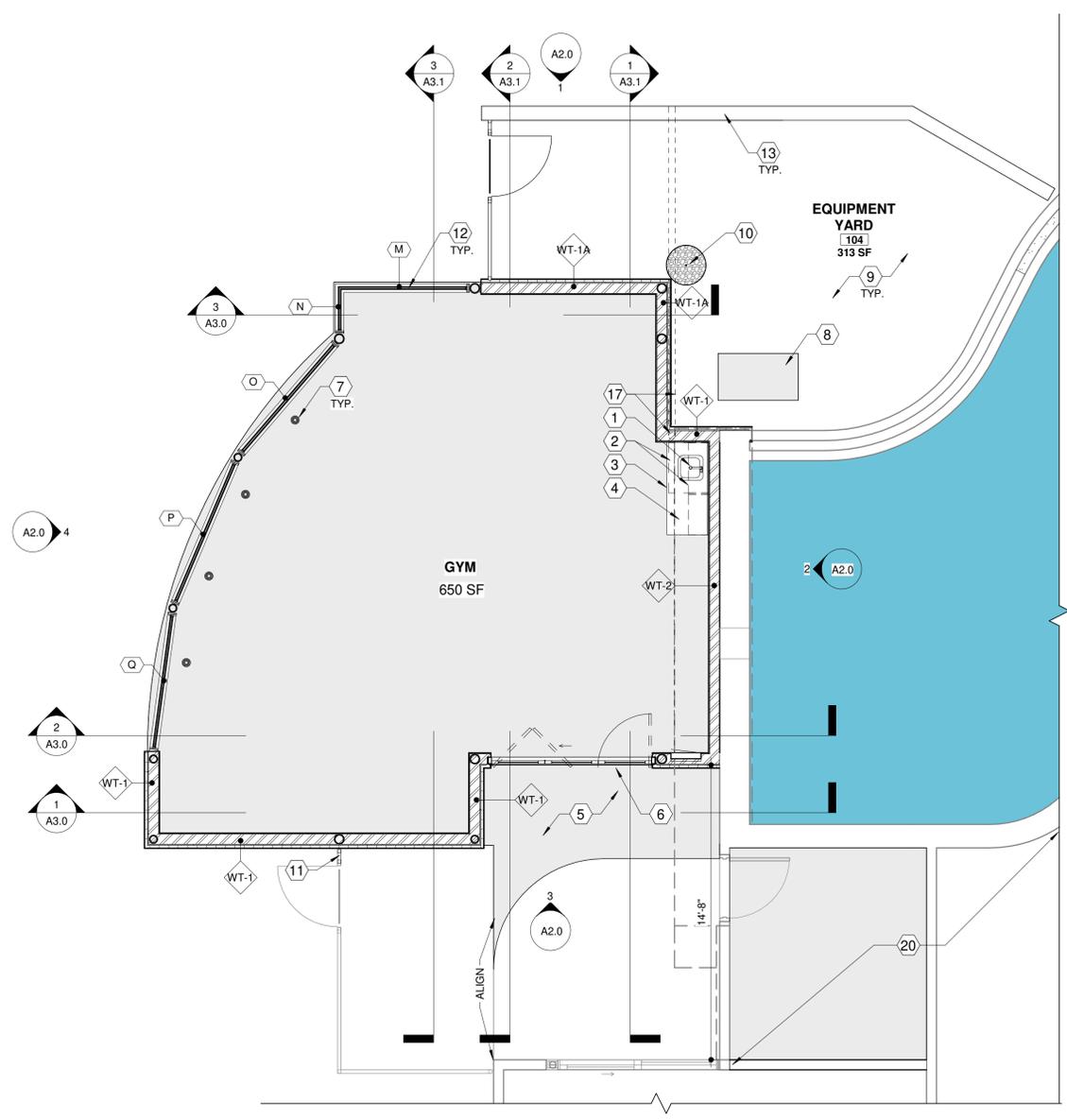
SCALE **As indicated** DRAWN BY **SHD / MS**

DRAWING TITLE **PROPOSED FLOOR PLANS & WALL TYPES**

DRAWING NUMBER **A1.0**



2 PROPOSED FLOOR PLAN - LEVEL 2
A1.0 1/4" = 1'-0"



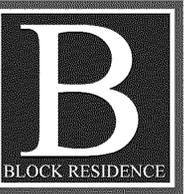
1 PROPOSED FLOOR PLAN - LEVEL 1
A1.0 1/4" = 1'-0"

GENERAL NOTES:

- A. ALL WORK IS TO CONFORM TO THE 2015 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE WITH THE TOWN OF PARADISE VALLEY, CONFORM TO INDUSTRIAL COMMISSION OF ARIZONA 'GENERAL CONSTRUCTION SAFETY CODE' AND OSHA REQUIREMENTS.
- B. ROOF UNVENTED PER 2015 IRC SECTION.
- C. ROOF DRAINAGE PER SECTION AND LOCAL MODIFICATIONS.
- D. CEILING CAVITIES FOR AIR CONDITIONED SPACES MUST BE SEPARATED FROM CEILING CAVITIES OF NON-INSULATED SPACES (PATIOS).
- E. INSULATED EXTERIOR WALLS SHALL CONTINUE TO UNDERSIDE OF ROOF DECK TO PROVIDE REQUIRED THERMAL ENVELOPE.
- F. SPOT ELEVATIONS SHOWN ARE BASED ON F.F.E. OF 0'-0".
- G. DETAIL CALL-OUTS ARE NOT SHOWN AT EVERY INSTANCE OF OCCURRENCE. ALL DETAILS ARE CONSIDERED 'TYPICAL' FOR THE CONDITIONS AT WHICH THEY APPLY.
- H. BISON DECK SYSTEM PEDESTALS ARE SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. INSTALL PER MANUFACTURER INSTRUCTIONS, TYP.

KEYNOTES:

- 1. TPO ROOF SYSTEM O/ 5/8" DENSDACK, O/ 4" COMPOSITE CONCRETE STEEL B-DECK. SEE STRUCTURAL DRAWINGS. SLOPE AWAY FROM BUILDING @ MIN 1/4" = 1'-0".
- 2. METAL PARAPET CAP W/ PREFORMED METAL DRIP EDGE PER BUILDING DETAILS. MATCH EXISTING.
- 3. STOREFRONT WINDOWS PER SCHEDULE.
- 4. STANDING SEAM METAL ROOF W/ COPPER COLOR. REFERENCE STRUCTURAL.
- 5. CONCEALED ROOF GUTTER WITH RAIN CHAIN.
- 6. TPO ROOF SYSTEM O/ 5/8" DENSDACK, O/ BUILT-UP FOAM CRICKET. SLOPE TO DRAIN.
- 7. SITE WALLS WITH STUCCO FINISH. PRIMED & PAINTED.
- 8. CANT STRIP ALONG WALL EDGE, TYP.
- 9. BISON DECK SYSTEM PEDESTALS, TYP.
- 10. STEEL STEPS PER STRUCTURAL.
- 11. 4" BALCONY DRAIN. SEE PLUMBING.
- 12. 4" ULTRA THIN CHANNEL BALCONY & DECK SYSTEM DRAIN BY VODALAND. RUN DOWNSPOUT IN WALL, UNDERGROUND, PAST EQUIPMENT YARD TO DAYLIGHT.
- 13. NEW / RELOCATED CUSTOM GUARDRAIL.
- 14. COLUMN PER STRUCTURAL DRAWINGS.
- 15. NEW HANDRAIL TO MATCH EXISTING GUARDRAILS.
- 16. 18"x18" TILED PAVERS O/ PEDESTALS O/ TPO ROOF SYSTEM, O/ 4" COMPOSITE CONCRETE STEEL B-DECK. TILE TO MATCH EXISTING.
- 17. NEW 18"x18" PORCELAIN TILE. SLOPE TO EXISTING POOL.



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RESIDENTIAL ADDITION FOR:

BLOCK RESIDENCE

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CONSTRUCTION DOCUMENTS

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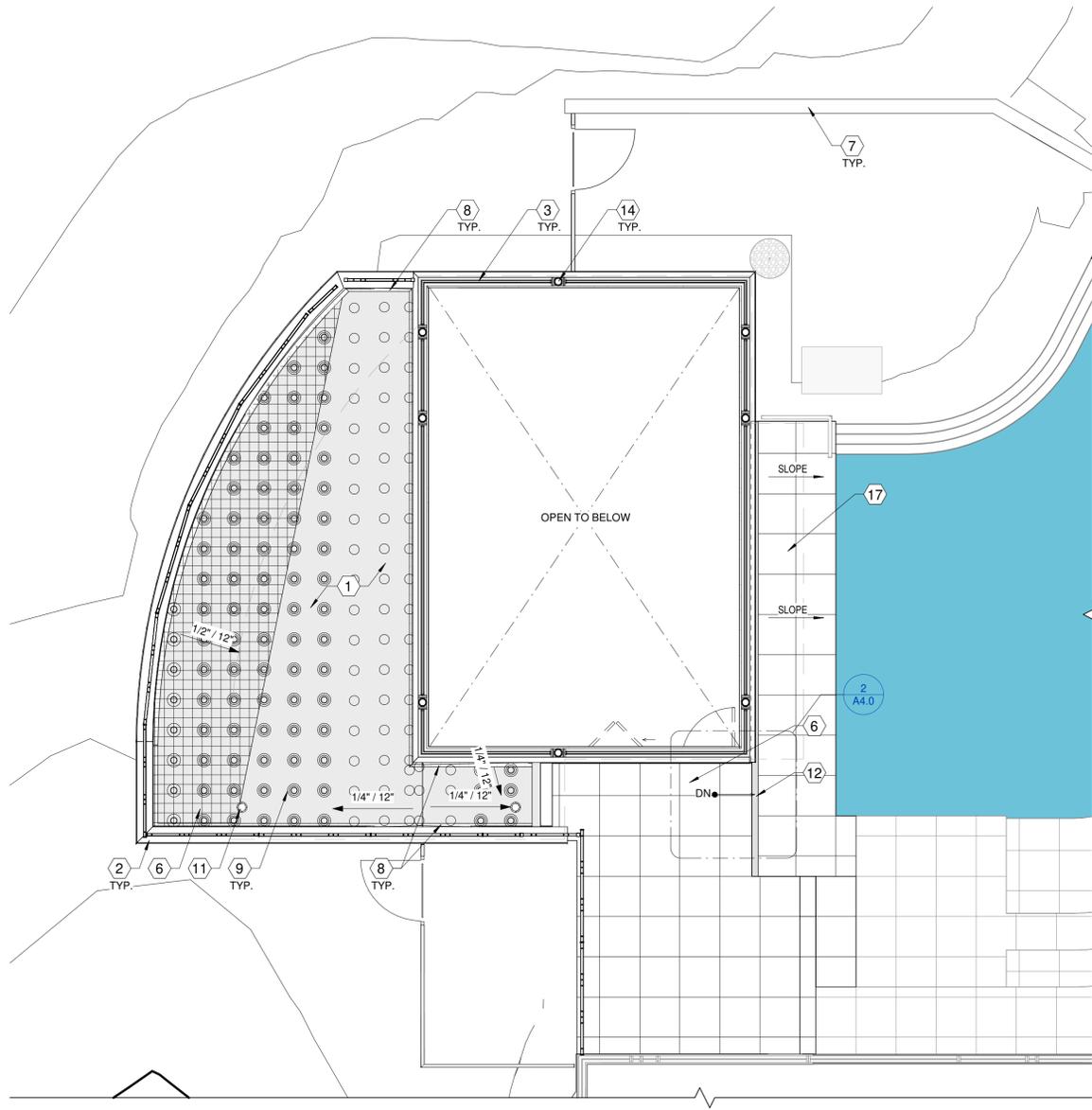
PROJECT NO. PV25-25009

DATE JANUARY 16, 2026

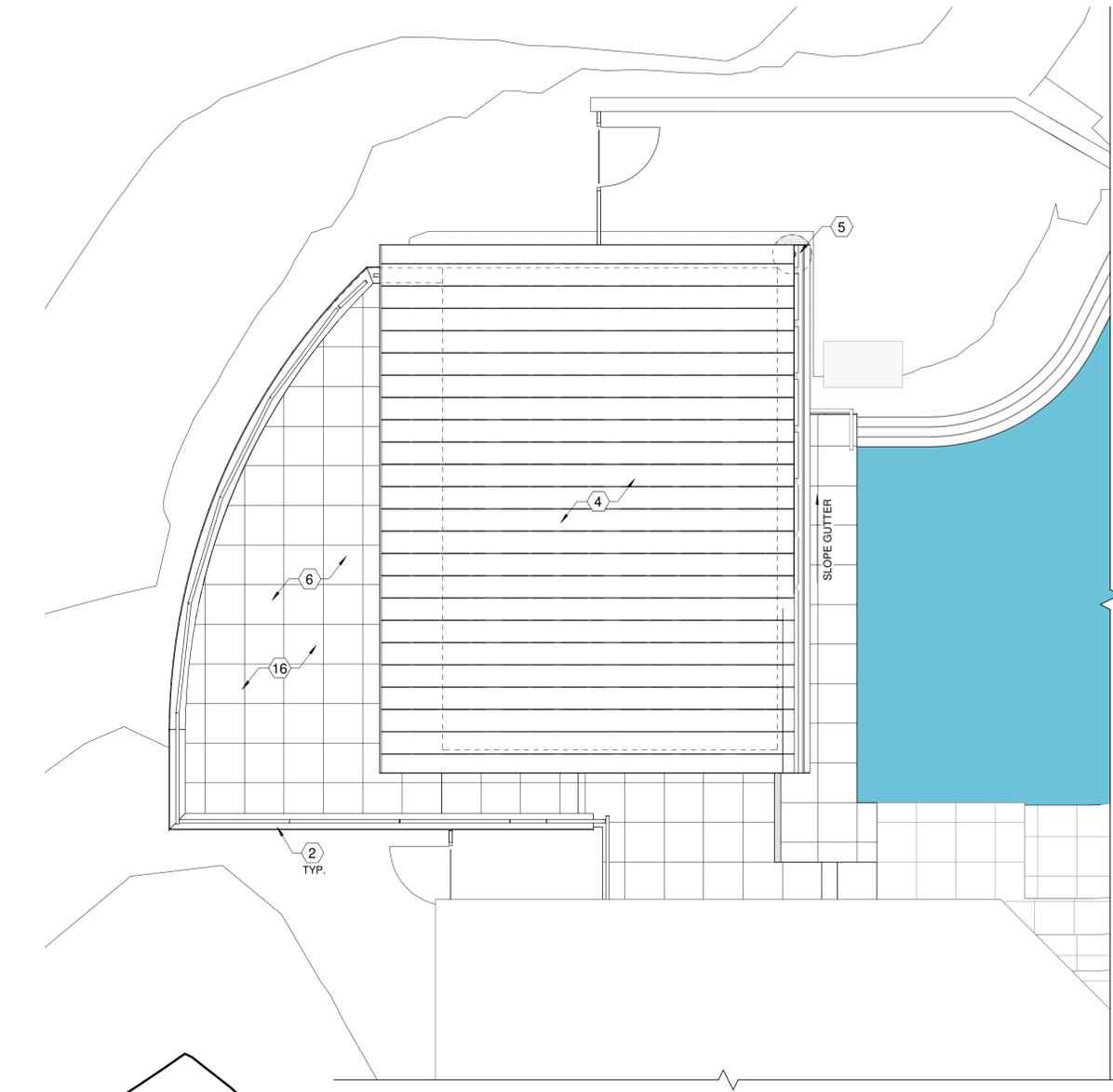
SCALE 1/4" = 1'-0" DRAWN BY SHD / MS

DRAWING TITLE PROPOSED ROOF PLAN & LEVEL 2 DECK PLAN

DRAWING NUMBER A1.3



2 FLOOR PLAN - LVL 2 DECK
A1.3 1/4" = 1'-0"



1 PROPOSED ROOF PLAN
A1.3 1/4" = 1'-0"

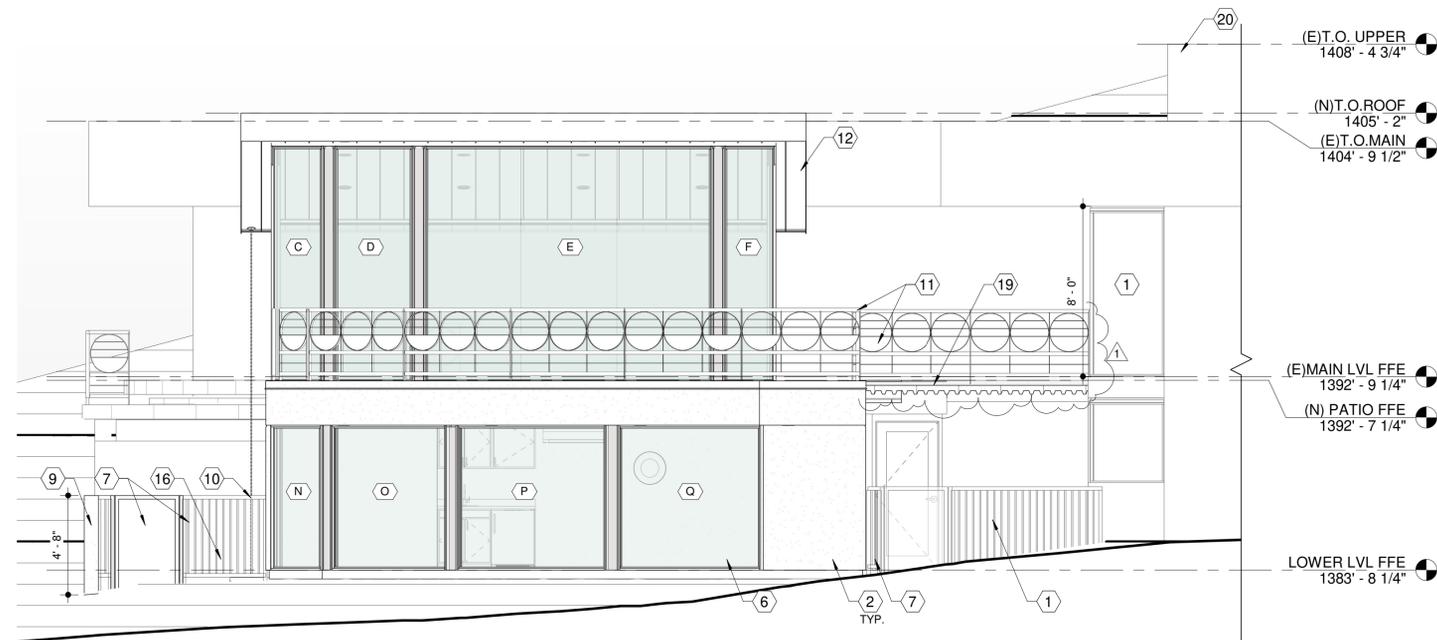
ADDITION MAXIMUM HEIGHTS		
MAXIMUM BUILDING HEIGHT FROM NATURAL GRADE	23' - 2"	MAX. 24' HEIGHT LIMIT PARALLEL TO NATURAL GRADE.
MAX. BUILDING HEIGHT FROM ADJACENT GRADE	22' - 8"	VERTICAL PLANE IS LIMITED TO 24' FROM ADJACENT GRADE WHEN THE NATURAL GRADE IS NOT RESTORED BACK.
MAXIMUM BUILDING HEIGHT	22' - 8"	MAXIMUM HEIGHT MEASURED FROM THE LOWEST FINISHED FLOOR TO THE HIGHEST POINT (ROOF, CHIMNEY, ETC.)
MAXIMUM OVERALL HEIGHT	21' - 8"	MAXIMUM HEIGHT FROM THE LOWEST STRUCTURE (RETAINING WALL, POOL, ETC.) TO THE HIGHEST (ROOF, CHIMNEY, ETC.)

GENERAL NOTES:

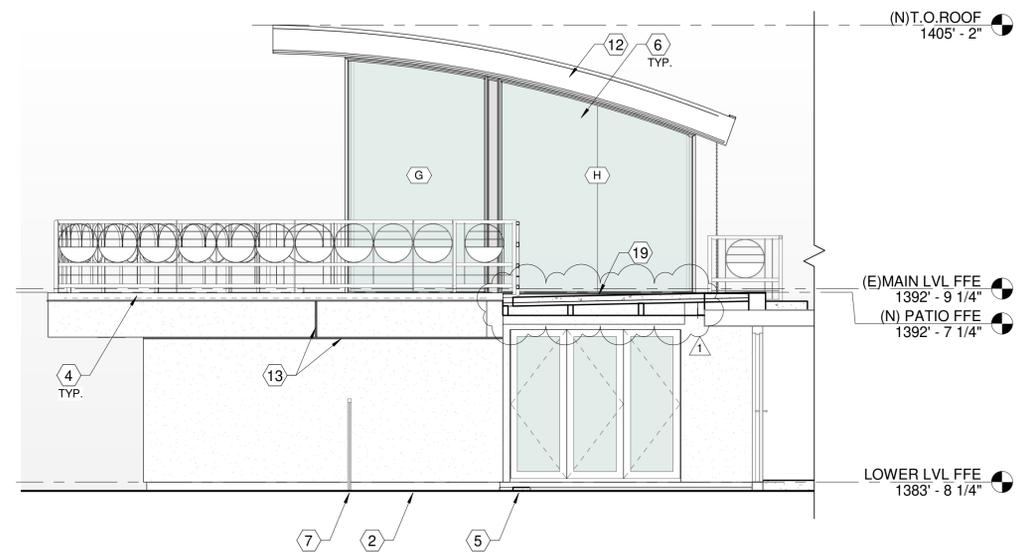
- A. ALL WORK IS TO CONFORM TO THE 2015 EDITION OF THE INTERNATIONAL RESIDENTIAL CODE WITH THE TOWN OF PARADISE VALLEY. CONFORM TO INDUSTRIAL COMMISSION OF ARIZONA GENERAL CONSTRUCTION SAFETY CODE AND OSHA REQUIREMENTS.
- B. ROOF UNVENTED PER 2015 IRC SECTION.
- C. ROOF DRAINAGE PER SECTION AND LOCAL MODIFICATIONS.
- D. CEILING CAVITIES FOR AIR CONDITIONED SPACES MUST BE SEPARATED FROM CEILING CAVITIES OF NON-INSULATED SPACES (PATIOS).
- E. INSULATED EXTERIOR WALLS SHALL CONTINUE TO UNDERSIDE OF ROOF DECK TO PROVIDE REQUIRED THERMAL ENVELOPE.
- F. SPOT ELEVATIONS SHOWN ARE BASED ON F.F.E. OF 0'-0".
- G. DETAIL CALL-OUTS ARE NOT SHOWN AT EVERY INSTANCE OF OCCURRENCE. ALL DETAILS ARE CONSIDERED 'TYPICAL' FOR THE CONDITIONS AT WHICH THEY APPLY.

KEYNOTES:

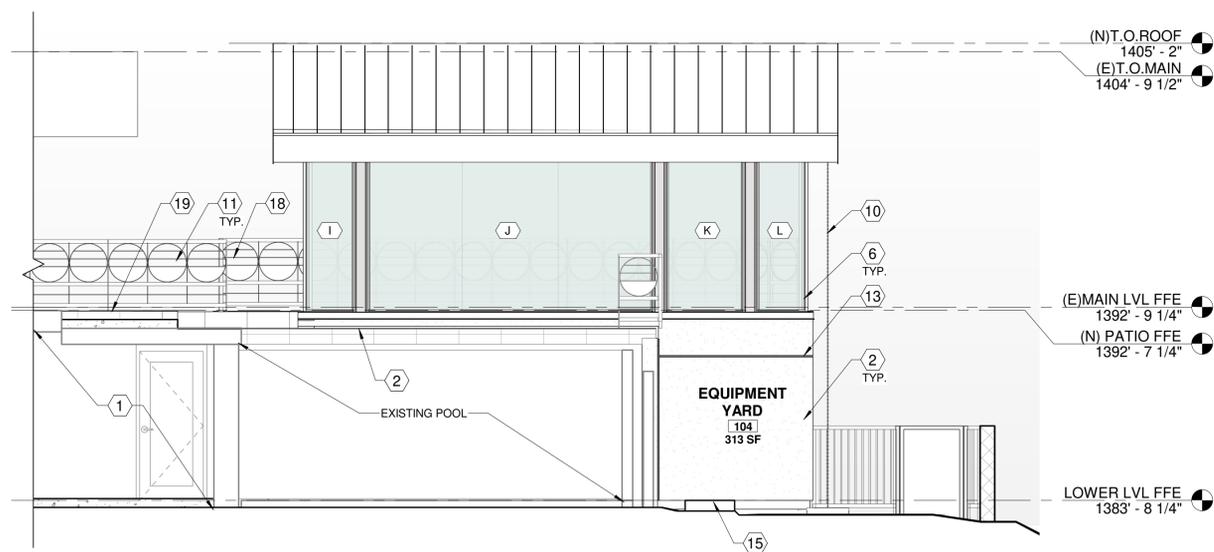
- 1. EXISTING RESIDENCE. NO WORK IN THIS AREA.
- 2. METAL STUD WALL WITH EIFS SYSTEM AND METAL CAP. TEXTURE TO MATCH EXISTING RESIDENCE.
- 3. 5" CONCRETE SLAB ON GRADE. SEE STRUCTURAL DRAWINGS. SLOPE AWAY FROM BUILDING @ MIN 1%.
- 4. METAL PARAPET CAP W/ PREFORMED METAL DRIP EDGE PER BUILDING DETAILS.
- 5. BI-FOLD GLASS DOOR WITH MAN DOOR.
- 6. STOREFRONT WINDOW PER SCHEDULE.
- 7. NEW WROUGHT IRON FENCE / GATE TO ATTACH TO ADDITION. MATCH EXISTING.
- 8. 4" ULTRA THIN CHANNEL BALCONY & DECK SYSTEM DRAIN BY VODALAND. RUN DOWNSPOUT IN WALL. DAYLIGHT PAST EQUIPMENT YARD. REFER TO SITE PLAN FOR LOCATION.
- 9. SITE WALLS WITH STUCCO FINISH. PRIMED AND PAINTED.
- 10. RAIN CHAIN FOR ROOF DRAIN. DECORATIVE GRAVEL PIT 2' DIAMETER. BY 3" DEEP AT GRADE.
- 11. NEW / RELOCATED CUSTOM GUARDRAIL. MATCH EXISTING.
- 12. STANDING SEAM METAL ROOF W/ COPPER COLOR.
- 13. EIFS CONTROL JOINT. PROFILE TO MATCH EXISTING RESIDENCE.
- 14. EXTEND EIFS SYSTEM AND FOAM ON EXISTING POOL DECK / WALL.
- 15. MINI SPLIT COMPRESSOR BY MECHANICAL.
- 16. RELOCATED POOL EQUIPMENT. PROVIDE 4" CONCRETE PAD FOR EACH PIECE OF EQUIPMENT.
- 17. NEW 3 STEP PAINTED STEEL STAIRS. 18"x18" TILE IN PAN TO MATCH EXISTING.
- 18. NEW HANDRAIL TO MATCH EXISTING GUARDRAILS.
- 19. NEW CONCRETE DECK ATTACHED TO EXISTING.
- 20. EXISTING HIGHEST PARAPET BEYOND.



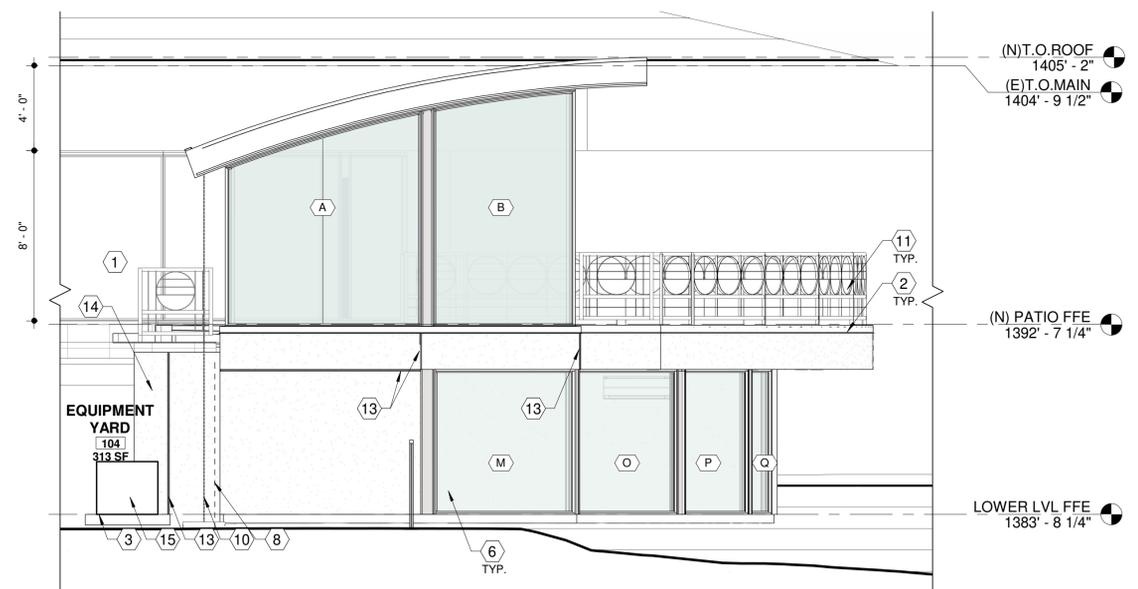
4 WEST BUILDING ELEVATION
A2.0 1/4" = 1'-0"



3 SOUTH BUILDING ELEVATION
A2.0 1/4" = 1'-0"



2 EAST BUILDING ELEVATION
A2.0 1/4" = 1'-0"



1 NORTH BUILDING ELEVATION
A2.0 1/4" = 1'-0"

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CONSTRUCTION DOCUMENTS

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PROJECT NO. PV25-25009

DATE JANUARY 16, 2026

SCALE 1/4" = 1'-0" DRAWN BY SHD / MS

DRAWING TITLE EXTERIOR BUILDING ELEVATIONS

DRAWING NUMBER A2.0



RESIDENTIAL ADDITION FOR:

BLOCK RESIDENCE

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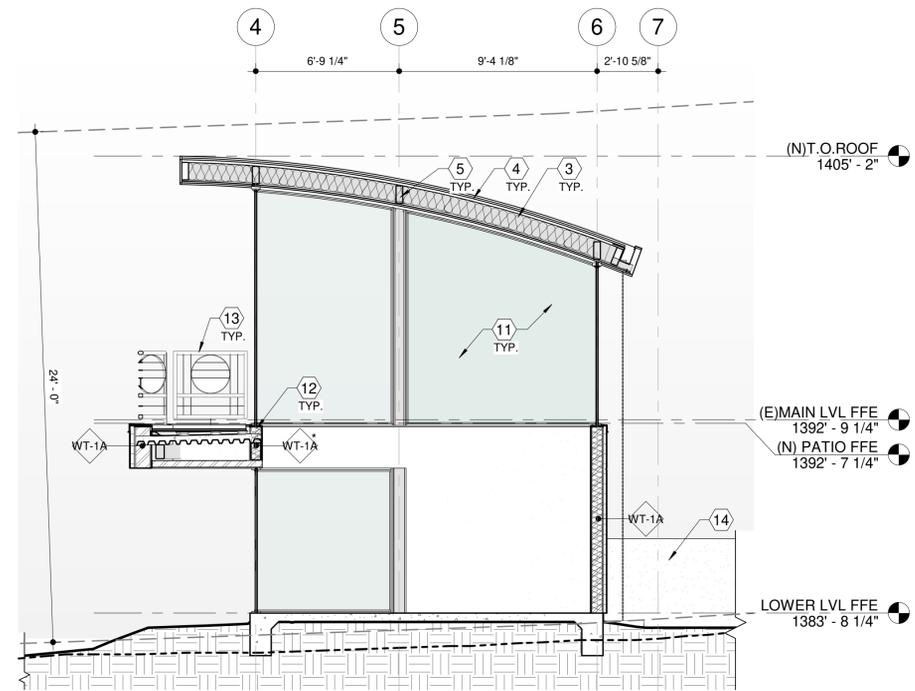
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DATE **JANUARY 16, 2026**

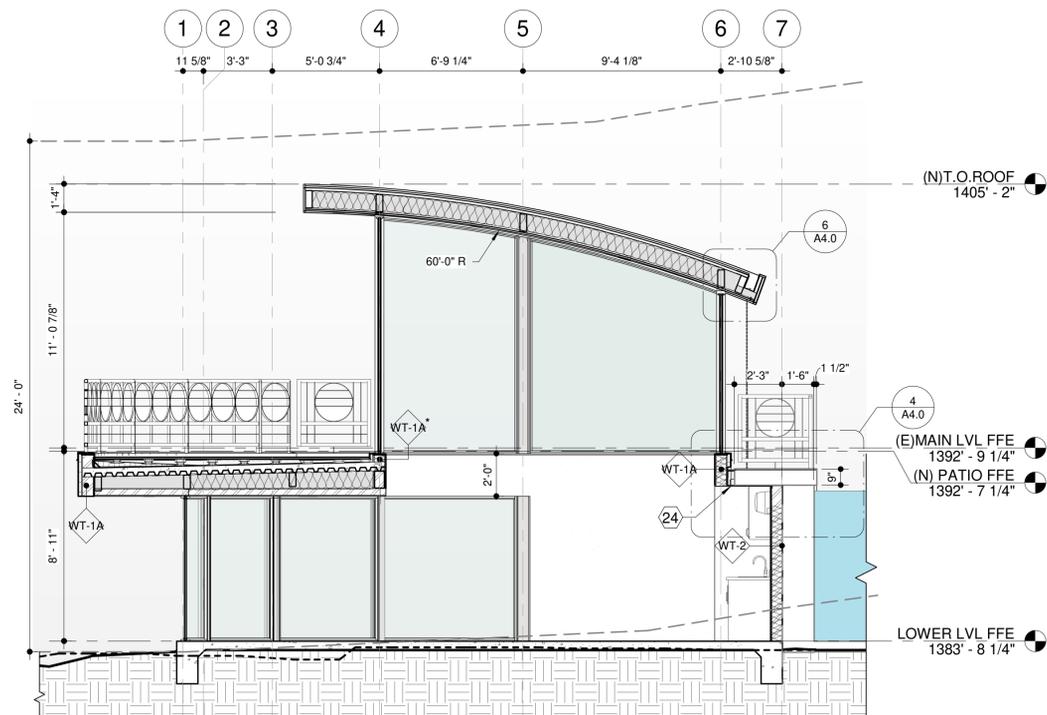
SCALE **1/4" = 1'-0"** DRAWN BY **SHD / MS**

DRAWING TITLE **BUILDING SECTIONS**

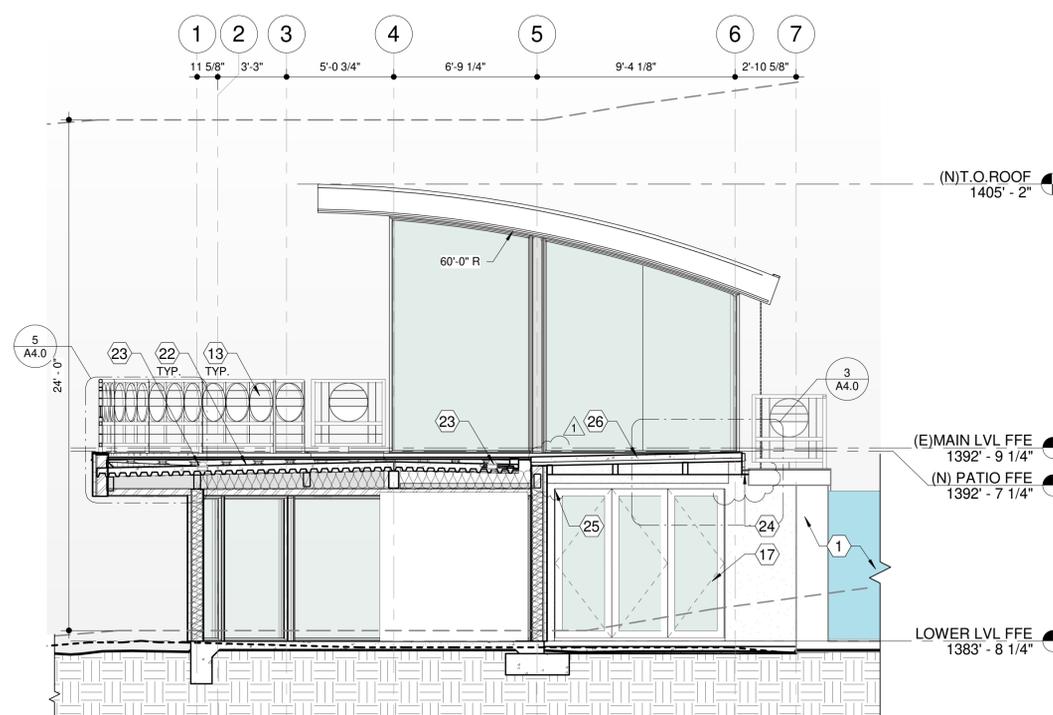
DRAWING NUMBER **A3.0**



3
A3.0 **BUILDING SECTION 3**
1/4" = 1'-0"



2
A3.0 **BUILDING SECTION 2**
1/4" = 1'-0"



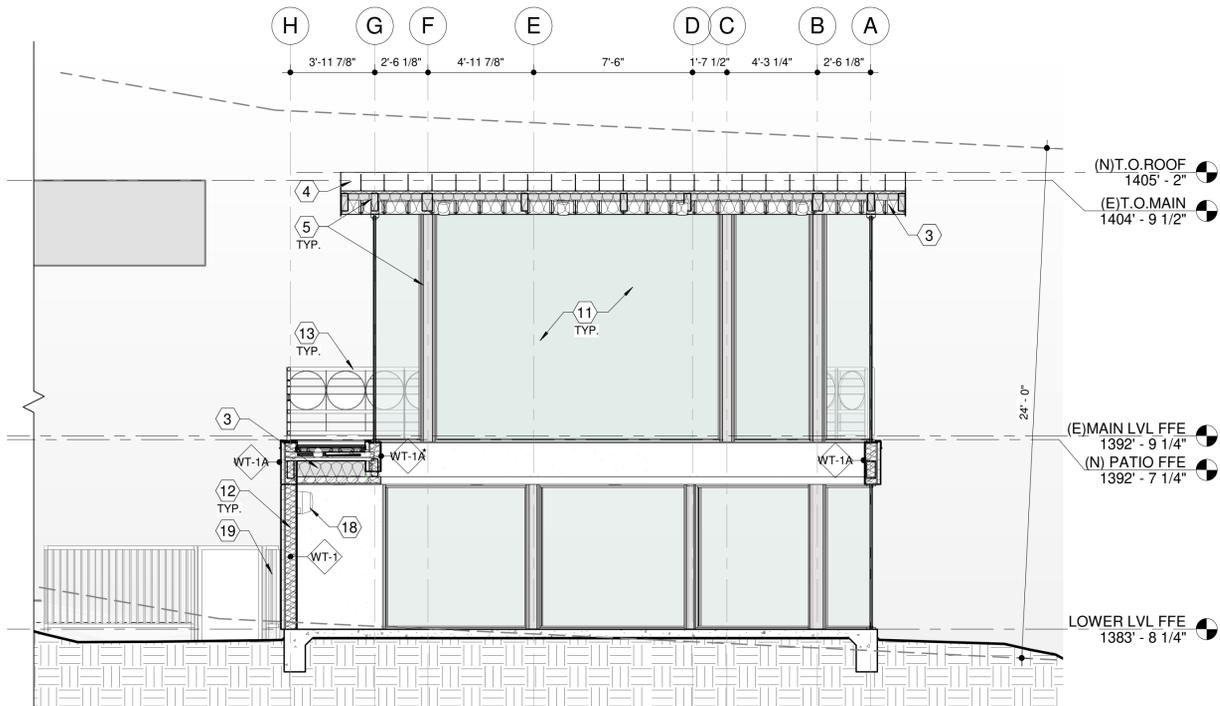
1
A3.0 **BUILDING SECTION 1**
1/4" = 1'-0"

GENERAL NOTES:

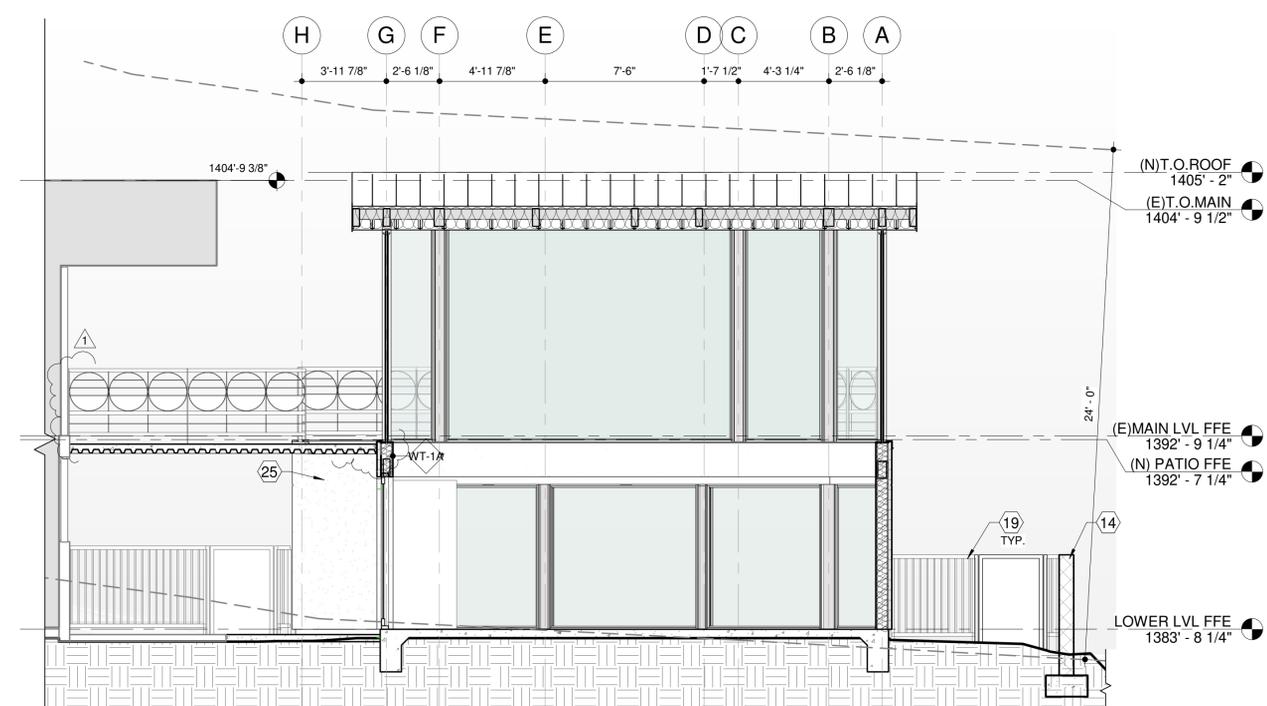
- A. 2" x 6" METAL STUD FRAME PARTITION UP TO CEILING. PROVIDE 5/8" DUROCK BOARD, TEXTURED AND PAINTED.
- B. TYPICAL WALL TEXTURE TO MATCH EXISTING.
- C. BISON DECK SYSTEM PEDESTALS ARE SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. INSTALL PER MANUFACTURER INSTRUCTIONS, TYP.

KEYNOTES:

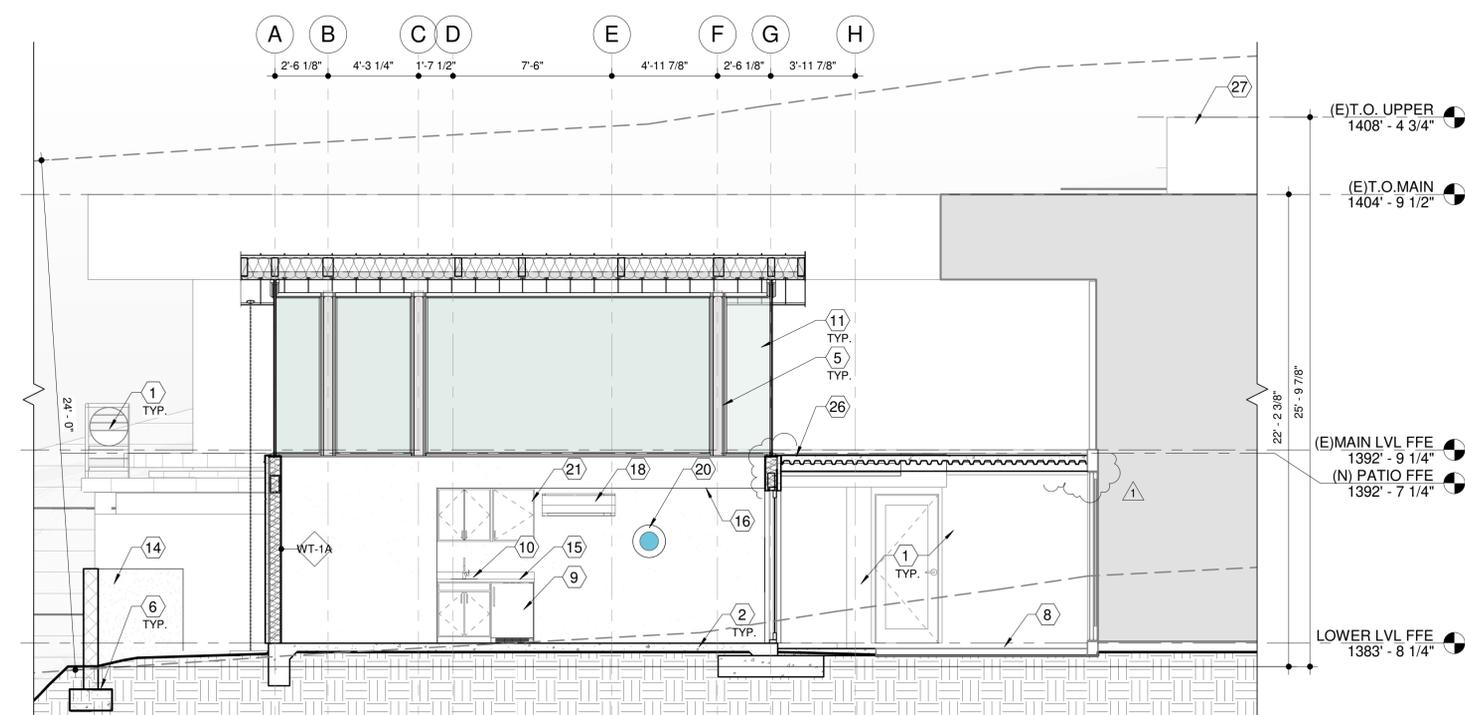
1. EXISTING TO REMAIN.
2. 5" CONCRETE SLAB ON GRADE O/ VAPOR BARRIER O/ 4" AGGREGATE BASE COURSE. SEE STRUCTURAL DRAWINGS. SLOPE AWAY FROM BUILDING @ MIN 1%.
3. R-38 BATT INSULATION ATTACHED TO ROOF.
4. STANDING SEAM METAL ROOF OVER B-DECK PER ROOF PLAN.
5. HSS BEAM / COLUMN PER STRUCTURAL DRAWINGS.
6. CONCRETE FOOTINGS PER STRUCTURAL DRAWINGS.
7. STEEL STEPS PER STRUCTURAL.
8. EXIST. CONCRETE SLAB TO REMAIN.
9. UNDER COUNTER REFRIGERATOR.
10. 15"X15" STAINLESS STEEL ONE COMPARTMENT SINK.
11. STOREFRONT WINDOW PER SCHEDULE.
12. R-21 BATT INSULATION.
13. NEW / RELOCATED CUSTOM GUARDRAIL. MATCH EXISTING.
14. NEW SITE WALLS WITH STUCCO FINISH. PRIMED AND PAINTED.
15. SOLID SURFACE COUNTERTOP W/ WOOD BASE CABINETS 36" A.F.F.
16. 5/8" DENSGLOSS SHEATHING TO UNDERSIDE OF EXISTING CONCRETE POOL EDGE. REF. DETAILS FOR ADHERING APPLICATION.
17. DOOR PER SCHEDULE.
18. MINI SPLIT PER MECHANICAL.
19. NEW WROUGHT IRON FENCE TO ATTACH TO ADDITION. MATCH EXISTING.
20. EXISTING PORTHOLE WINDOW TO REMAIN.
21. UPPER CABINETS WOOD CABINETS.
22. TPO ROOF SYSTEM O/ 5/8" DENSDACK, O/ 4" COMPOSITE CONCRETE STEEL B-DECK. SEE STRUCTURAL DRAWINGS.
23. 4" BALCONY DRAIN. SEE PLUMBING.
24. 4" ULTRA THIN CHANNEL BALCONY & DECK SYSTEM DRAIN BY VODALAND.
25. LIGHT FIXTURE PER ELECTRICAL.
26. NEW CONCRETE DECK ATTACHED TO EXISTING.
27. EXISTING HIGHEST PARAPET BEYOND.



3 BUILDING SECTION 6
A3.1 1/4" = 1'-0"



2 BUILDING SECTION 5
A3.1 1/4" = 1'-0"



1 BUILDING SECTION 4
A3.1 1/4" = 1'-0"

GENERAL NOTES:

- A. 2" x 6" METAL STUD FRAME PARTITION UP TO CEILING. PROVIDE 5/8" DUROCK BOARD, TEXTURED AND PAINTED.
- B. TYPICAL WALL TEXTURE TO MATCH EXISTING.
- C. BISON DECK SYSTEM PEDESTALS ARE SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. INSTALL PER MANUFACTURER INSTRUCTIONS, TYP.

KEYNOTES:

- 1. EXISTING TO REMAIN.
- 2. 5" CONCRETE SLAB ON GRADE O/ VAPOR BARRIER O/ 4" AGGREGATE BASE COURSE. SEE STRUCTURAL DRAWINGS. SLOPE AWAY FROM BUILDING @ MIN 1%.
- 3. R-38 BATT INSULATION ATTACHED TO ROOF.
- 4. STANDING SEAM METAL ROOF OVER B-DECK PER ROOF PLAN.
- 5. HSS BEAM / COLUMN PER STRUCTURAL DRAWINGS.
- 6. CONCRETE FOOTINGS PER STRUCTURAL DRAWINGS.
- 7. STEEL STEPS PER STRUCTURAL.
- 8. EXIST. CONCRETE SLAB TO REMAIN.
- 9. UNDER COUNTER REFRIGERATOR.
- 10. 15"X15" STAINLESS STEEL ONE COMPARTMENT SINK.
- 11. STOREFRONT WINDOW PER SCHEDULE.
- 12. R-21 BATT INSULATION.
- 13. NEW / RELOCATED CUSTOM GUARDRAIL. MATCH EXISTING.
- 14. NEW SITE WALLS WITH STUCCO FINISH. PRIMED AND PAINTED.
- 15. SOLID SURFACE COUNTERTOP W/ WOOD BASE CABINETS 36" A.F.F.
- 16. 5/8" DENSGLOSS SHEATHING TO UNDERSIDE OF EXISTING CONCRETE POOL EDGE. REF. DETAILS FOR ADHERING APPLICATION.
- 17. DOOR PER SCHEDULE.
- 18. MINI SPLIT PER MECHANICAL.
- 19. NEW WROUGHT IRON FENCE TO ATTACH TO ADDITION. MATCH EXISTING.
- 20. EXIST. PORTHOLE WINDOW TO REMAIN.
- 21. UPPER CABINETS WOOD CABINETS.
- 22. TPO ROOF SYSTEM O/ 5/8" DENSGLOSS, O/ 4" COMPOSITE CONCRETE STEEL B-DECK. SEE STRUCTURAL DRAWINGS.
- 23. 4" BALCONY DRAIN. SEE PLUMBING.
- 24. 4" ULTRA THIN CHANNEL BALCONY & DECK SYSTEM DRAIN BY VODALAND.
- 25. LIGHT FIXTURE PER ELECTRICAL.
- 26. NEW CONCRETE DECK ATTACHED TO EXISTING.
- 27. EXISTING HIGHEST PARAPET BEYOND.



carhuff+cueva
architects, llc

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tucson, arizona 85712
phone 520.577.4560
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RESIDENTIAL ADDITION FOR:

BLOCK RESIDENCE

8229 N. 54TH STREET
PARADISE VALLEY, AZ 85253

CONSTRUCTION DOCUMENTS

REVISION	DATE	DESCRIPTION	BY
1	1/16/26	Hillside Comments	MS

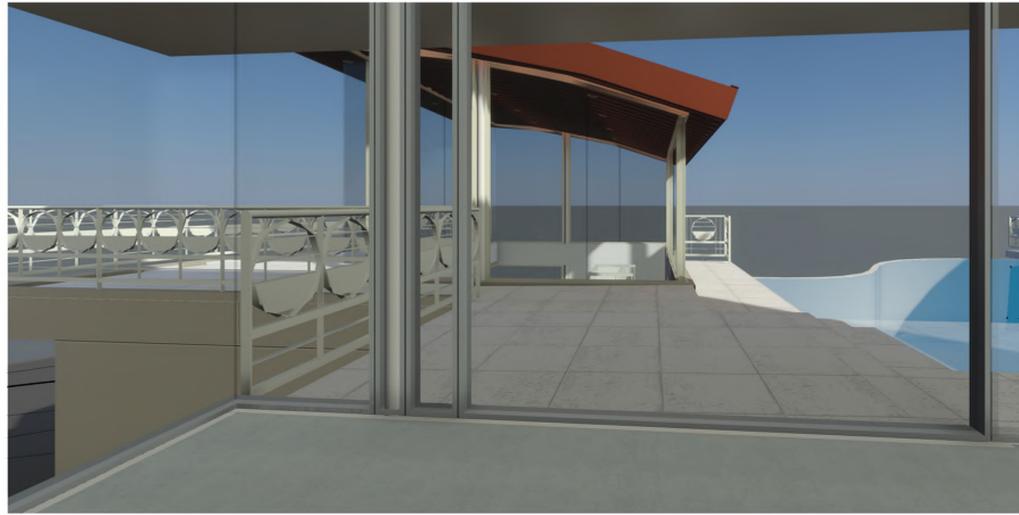
PROJECT NO. **PV25-25009**

DATE **JANUARY 16, 2026**

SCALE **1/4" = 1'-0"** DRAWN BY **MS**

DRAWING TITLE **BUILDING SECTIONS**

DRAWING NUMBER **A3.1**



6
A6.0 PERSPECTIVE FROM POOL DECK



3
A6.0 PERSPECTIVE NORTHWEST



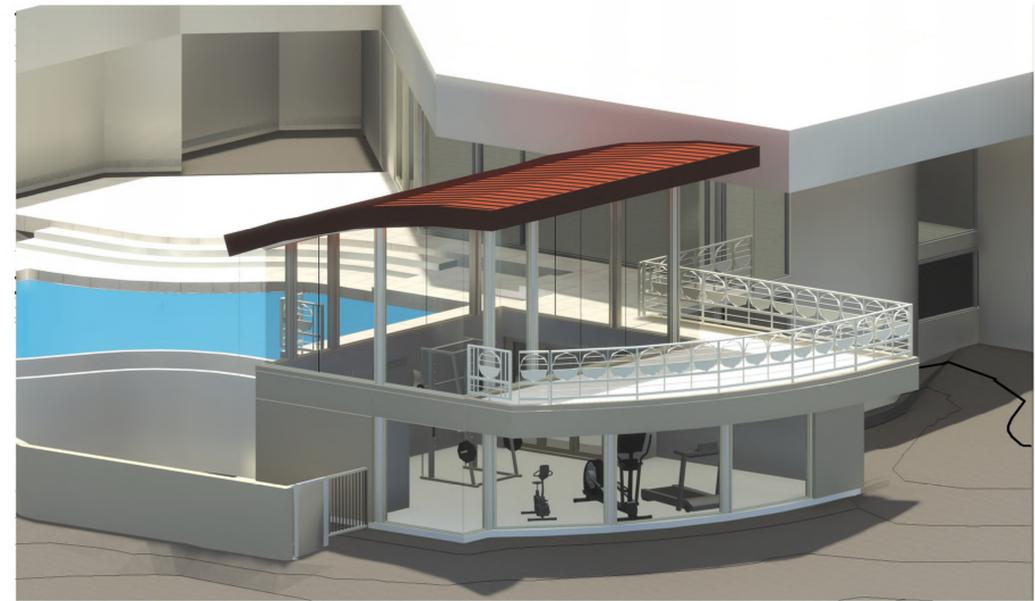
5
A6.0 PERSPECTIVE FROM LIVING ROOM



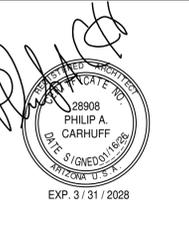
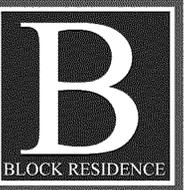
2
A6.0 PERSPECTIVE SOUTHEAST



4
A6.0 PERSPECTIVE - NORTHEAST LOOKING SOUTHWEST



1
A6.0 AXONOMETRIC SOUTHEAST



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RESIDENTIAL ADDITION FOR:

BLOCK RESIDENCE
8229 N. 54TH STREET
PARADISE VALLEY, AZ 85253

CONSTRUCTION DOCUMENTS

REVISION	DATE	DESCRIPTION	BY

PROJECT NO. PV25-25009

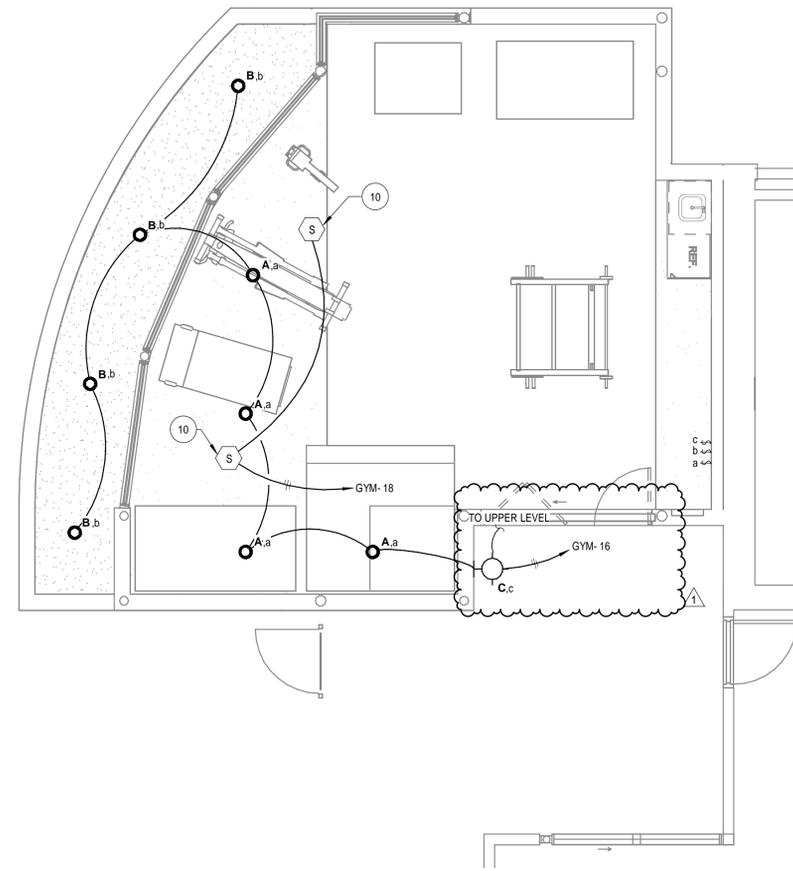
DATE JANUARY 16, 2026

SCALE DRAWN BY SHD / MS

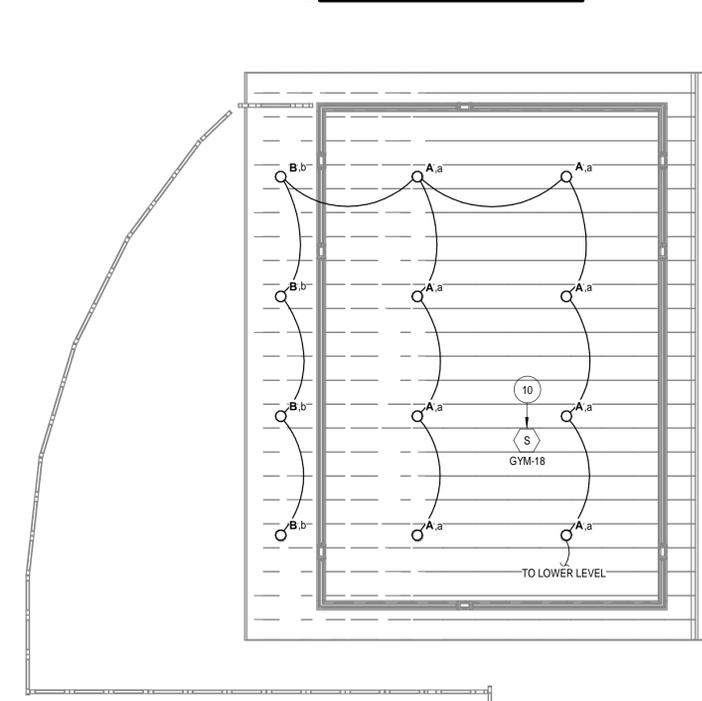
DRAWING TITLE
BLDG EXTERIOR AXON. & PERSPECTIVE VIEWS

DRAWING NUMBER
A6.0

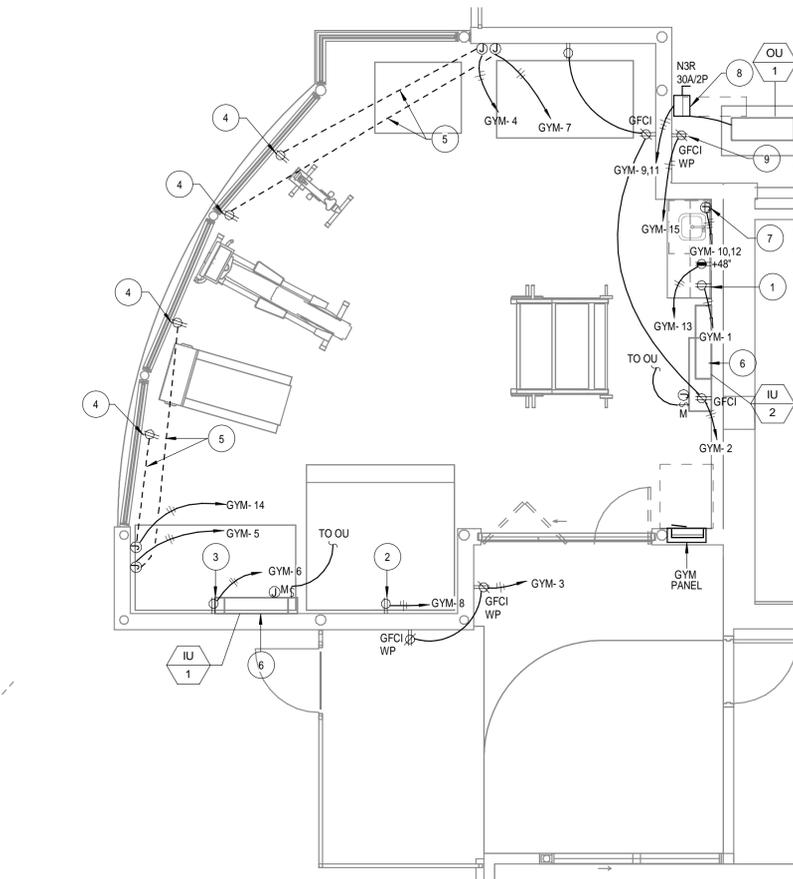
7/20/2025 8:52:40 AM



LIGHTING PLAN - MAIN LEVEL
SCALE: 1/4" = 1'-0"



LIGHTING PLAN - GYM CEILING
SCALE: 1/4" = 1'-0"



POWER PLAN - MAIN LEVEL
SCALE: 1/4" = 1'-0"

TYPE	MARK	SYMBOL	QUANTITY	FINISH	LUMENS	TEMPERATURE
EXTERIOR RECESSED CAN (FIXTURE TYPE "B")		○	8	BW & BZ/CO	750	3000K
EXTERIOR WALL SCONCE (FIXTURE TYPE "C")		⊖	1	BK02	604	3000K

TYPE	MARK	COUNT	MANUFACTURER	MODEL	VOLTAGE	INPUT WATTS	LAMP TYPE	MOUNTING	MOUNTING HEIGHT	REMARKS
A		12	NORA LIGHTING	NHIC-6LMRAT / NRM3-62-L1-30-S (FINISH)	120 V	12 W	LED	RECESSED	RECESSED	6" LED DOWNLIGHT. WATTAGE NOT TO EXCEED 15W.
B		8	NORA LIGHTING	NHIC-6LMRAT / NRM3-62-L1-30-S (FINISH)	120 V	12 W	LED	RECESSED	RECESSED	6" LED DOWNLIGHT. WATTAGE NOT TO EXCEED 15W.
C		1	KUZCO LIGHTING	EW39506-UNV	120 V	11 W	LED	WALL	12'-0" AFF	WET LOCATION RATED. 6" WALL SCONCE. WATTAGE NOT TO EXCEED 15W.

TAG	MARK	NOMINAL CAPACITY TONS	AMBIENT TEMP	ELECTRICAL DATA	REFRIGERANT TYPE	OPERATING WEIGHT	BASIS OF DESIGN	REMARKS			
				VOLTAGE	PHASE	MCA	MOCF				
OU	1	2	115 °F	240 V	1	16 A	20 A	R410-A	100.00 lb	CARRIER 37MRAQ18CA3	

TAG	MARK	SYSTEM	LOCATION	TYPE	MAX KW	VOLTAGE	PHASE	MANUFACTURER	MODEL	REMARKS
IWH	1	DOMESTIC		ELECTRIC	4.1 KW	208 V	1	EEMAX	SP4208	

TAG	MARK	AIRFLOW	REFRIGERANT	MOTOR DATA	COOLING COIL DATA	OPERATING WEIGHT	BASIS OF DESIGN	REMARKS		
				VOLTAGE	PHASE	TOTAL CAPACITY	MANUFACTURER	MODEL		
IU	1	441 CFM	R410-A	240 V	1	7550 Btu/h	CARRIER	45MAHAQ09XA3		SEE NOTES BELOW
IU	2	441 CFM	R410-A	240 V	1	7550 Btu/h	CARRIER	45MAHAQ09XA3		SEE NOTES BELOW

- NOTE:
1. MANUFACTURER SHALL SIZE REFRIGERANT LINES AND PROVIDE NECESSARY REFRIGERANT SPECIALTIES FOR LONG LINE APPLICATIONS, IF APPLICABLE.
 2. MANUFACTURER SHALL GUARANTEE AND ASSURE PROPER OPERATION OF REFRIGERANT SYSTEM.
 3. PROVIDE FACTORY WIRE-LESS CONTROLLER.
 4. PROVIDE FACTORY CONDENSATE PUMP.
 5. SINGLE POINT POWER TO OUTDOOR UNIT. INDOOR UNIT POWERED FROM OUTDOOR UNIT.

KEYED NOTES

1. PROVIDE DEDICATED RECEPTACLE FOR UNDERCOUNTER REFRIGERATOR. COORDINATE FINAL LOCATION WITH ARCHITECT AND WITH OWNER PRIOR TO INSTALLATION ROUGH-IN.
2. PROVIDE DEDICATED RECEPTACLE FOR 2 PERSON SAUNA. COORDINATE FINAL LOCATION WITH ARCHITECT AND WITH OWNER PRIOR TO INSTALLATION ROUGH-IN.
3. PROVIDE DEDICATED RECEPTACLE FOR HYPERBARIC CHAMBER. COORDINATE FINAL LOCATION WITH ARCHITECT AND WITH OWNER PRIOR TO INSTALLATION ROUGH-IN.
4. PROVIDE FLUSH ROUND SINGLE SERVICE FLOOR MOUNTED DUPLEX RECEPTACLE WITH BRASS RING AND CAP FOR FUTURE GYM EQUIPMENT. HUBBELL SYSTEM ONE OR ENGINEER APPROVED EQUAL. WITH ALL APPURTENANCES AS REQUIRED. VERIFY COLOR PRIOR TO ORDERING. COORDINATE FINAL LOCATION WITH ARCHITECT AND WITH OWNER PRIOR TO INSTALLATION ROUGH-IN.
5. PROVIDE 3/4" U.G. CONDUIT FROM FLOOR MOUNTED RECEPTACLE TO JUNCTION BOX AS SHOWN. COORDINATE FINAL CONDUIT ROUTING WITH ARCHITECT PRIOR TO INSTALLATION ROUGH-IN.
6. ELECTRICAL CONTRACTOR SHALL PROVIDE J-BOX & 240V MOTOR-RATED SWITCH (SWITCH IS TO BE RATED FOR THE HORSEPOWER OF THE MOTOR) AS DISCONNECTING MEANS FOR INDOOR UNIT; CONNECT TO OUTDOOR UNIT FOR POWER CONNECTION.
7. 4.1KW WATER HEATER, 240V., 1PH. PROVIDE LOCK OFF DEVICE AT THE BREAKER TO SERVE AS DISCONNECTING MEANS. COORDINATE WITH PLUMBING FOR EXACT REQUIREMENTS.
8. ELECTRICAL CONTRACTOR SHALL PROVIDE N3R, HD, 30A/2P DISC. SWITCH. INSTALL RKS FUSES PER MANUFACTURER RECOMMENDATION. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING.
9. PROVIDE GFCI, WEATHERPROOF RECEPTACLE WITHIN 25' OF EQUIPMENT PER NEC ARTICLE 210.63
10. PROVIDE COMBINATION SMOKE/CO2 DETECTOR WITH INTEGRAL BATTERY BACK UP AND HARDWIRED TO PANEL. VERIFY TYPE AND LOCATION BEFORE INSTALLATION ROUGH-IN.

N1104.1 (R404.1) LIGHTING EQUIPMENT (MANDATORY)
A MINIMUM OF 90% OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS OR A MINIMUM OF 90% OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS.
EXCEPTION: LOW-VOLTAGE LIGHTING SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS.

LISTED TAMPER-RESISTANT RECEPTACLES TO BE INSTALLED IN 210.52 AREAS.

GENERAL NOTES

- A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2014 NATIONAL ELECTRICAL CODE.
- B. IN EVERY KITCHEN, FAMILY ROOM, DINING ROOM, LIVING ROOM, PARLOR, LIBRARY, DEN, SUNROOM, BEDROOM, RECREATION ROOM, OR SIMILAR ROOM OR AREA OF DWELLING UNITS, RECEPTACLES SHALL BE SPACED SO THERE IS NOT A POINT ALONG THE FLOOR LINE WHICH IS MORE THAN 6'-0" FROM AN RECEPTACLE. PROVIDE (1) ONE RECEPTACLE MIN. FOR EACH COUNTER WHICH IS 12" OR WIDER. IN KITCHEN AREAS, (MAX. 4'-0" O.C.). PROVIDE MINIMUM (1) RECEPTACLE FOR EVERY WALL SPACE GREATER THAN 2'-0".
- C. RECEPTACLES IN BATHROOMS, GARAGES, KITCHENS, WITHIN 6'-0" OF SINKS AND ANY EXTERIOR LOCATIONS SHALL BE GROUND FAULT INTERRUPTION (GFCI) PROTECTED.
- D. SMOKE DETECTORS SHALL BE PROTECTED BY A COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER(S) AND PLACED NO MORE THAN 12" FROM THE CEILING IF WALL MOUNTED AND 2'-0" FROM DUCT OPENINGS. S.D.'s SHALL BE PERMANENTLY WIRED AND INTERCONNECTED, AND SHALL PROTECT ALL SLEEPING AREAS. ALL S.D.'s SHALL HAVE A BATTERY BACK-UP. WHERE THE HIGHEST POINT IN A ROOM THAT OPENS TO A HALLWAY SERVING THE SLEEPING AREAS EXCEEDS THAT OF THE OPENING INTO THE HALLWAY BY 24" OR MORE, SMOKE DETECTORS SHALL BE INSTALLED IN THE HALLWAY AND THE ADJACENT ROOM. ALL SMOKE DETECTORS SHALL BE INSTALLED PER THE MFG.'S INSTRUCTIONS.
- E. PROVIDE CARBON MONOXIDE DETECTORS PER 2015 IRC R315.
- F. SWITCH PLATES AND OUTLET HEIGHTS: (UNLESS SPECIFIED BY ARCHITECT)
- G. SWITCH PLATES 46" TO CENTER LINE.
- H. OUTLETS 18" TO CENTER LINE.
- I. KITCHEN OUTLETS 44" TO TOP OF BOX.
- J. BATHROOM OUTLETS 46" TO CENTER LINE.
- K. WASHER & DRYER OUTLETS 36" TO CENTER LINE.
- L. LAUNDRY OUTLETS 46" TO CENTER LINE (EXCEPT WASHER).
- M. GARAGE OUTLETS 42" TO CENTER LINE.
- N. WATER HEATERS 60" TO CENTER LINE.
- O. DOOR BELL BUTTON 42" TO CENTER LINE.
- P. ARC-FAULT PROTECTION SHALL BE PROVIDED FOR ALL BRANCH CIRCUITS IN ALL HABITABLE SPACES (EXCEPT WHERE GFCI ARE REQUIRED), HALLWAYS, CLOSETS, AND SIMILAR AREAS. ONLY A COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER IS PERMITTED AND IT MUST PROTECT THE ENTIRE BRANCH CIRCUIT.
- Q. ALL RECEPTACLE OUTLETS FOR RANGES AND CLOTHES DRYERS SHALL BE A 3-POLE WITH GROUND TYPE. FOUR WIRE, GROUNDING TYPE FLEXIBLE CORDS WILL BE REQUIRED FOR CONNECTION OF RANGES AND CLOTHES DRYERS. THE BONDING JUMPER SHALL NOT BE CONNECTED BETWEEN THE NEUTRAL TERMINAL AND THE FRAME OF THE APPLIANCE.
- R. PROVIDE (1) ONE, MIN., 20 AMP BRANCH CIRCUIT TO SERVE THE WASHER. SUCH CIRCUIT SHALL HAVE NO OTHER OUTLETS.
- S. KITCHEN COUNTER TOP RECEPTACLES SHALL BE INSTALLED PER N.E.C.
- T. EXTERIOR WATER PROOF G.F.I. OUTLETS TO BE 16" TO CENTER LINE ABOVE GRADE. PHONE JACKS & T.V. JACKS SHALL MATCH RECEPTACLE HEIGHT IN ALL AREAS.
- U. LIGHT FIXTURES LOCATED IN CLOTHES CLOSETS MUST MAINTAIN 12" CLEARANCE FROM SHELVES TO INCANDESCENT FIXTURE WITH GLOBE AND 6" CLEARANCE FOR RECESSED AND FLUORESCENT FIXTURES. INCANDESCENT FIXTURES WITH OPEN OR PARTIALLY ENCLOSED LAMPS, PENDANT FIXTURES, LAMP HOLDERS ARE NOT PERMITTED IN CLOSETS.
- V. PROVIDE CONVENIENCE RECEPTACLE & LIGHT @ EA. AIR HANDLER IN ATTIC SPACE. LOCATE SWITCH @ ATTIC ACCESS.
- W. FIXTURES LOCATED IN DAMP OR WET LOCATIONS SHALL BE LISTED TO BE SUITABLE FOR SUCH LOCATION.
- X. THE TWO OR MORE 20-AMPERE SMALL APPLIANCE BRANCH CIRCUITS SHALL HAVE NO OTHER OUTLETS, EXCEPT THE RECEPTACLE INSTALLED SOLELY FOR ELECTRIC SUPPLY TO AN ELECTRICAL CLOCK IN THE KITCHEN, DINING, BREAKFAST AREAS OR RECEPTACLES FOR SUPPLEMENTAL EQUIPMENT AND LIGHTING FOR GAS-FIRED RANGES, OVENS, OR COUNTER MOUNTED UNITS OR REFRIGERATOR.
- Y. BATHROOM RECEPTACLE OUTLETS SHALL BE SUPPLIED BY ONE 20 AMPERE GFCI BRANCH CIRCUIT. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS. EACH BATHROOM SHALL HAVE ONE DEDICATED CIRCUIT.
- Z. PROVIDE BONDING TO WATER PIPING, GAS AND METAL BUILDING SYSTEMS (MINIMUM #4 AWG FOR 200 AMPERE SERVICE)
- AA. OUTLET BOXES SHALL NOT BE USED AS SOLE SUPPORT FOR CEILING FANS. EXCEPT BOXES LISTED FOR THE APPLICATION SHALL BE PERMITTED AS THE SOLE MEANS OF SUPPORT.
- AB. CONTRACTOR SHALL DISTINGUISH CIRCUIT IDENTIFICATION WITHIN CIRCUIT DIRECTORY. LOCATED ON THE FACE OR INSIDE THE DOOR OF THE PANEL BOARD. PER NEC 408.4
- AC. A ONE-LINE DIAGRAM SIGNED BY AN ENGINEER OR LICENSED CONTRACTOR MUST BE PRESENT AT THE SITE AT TIME OF INSPECTION. IF THE SIGNED ONE-LINE DIAGRAM IS NOT ON SITE, AN INSPECTION WILL NOT BE PERFORMED.
- AD. PROVIDE JUNCTION BOX FOR CEILING FAN. CEILING-SUSPENDED (PADDE) FANS SHALL BE SUPPORTED INDEPENDENTLY OF AN OUTLET BOX. PROVIDE INDEPENDENT SUPPORT AND SWAY BRACING FOR MINIMUM 100 POUND UNIT, & PENDANT MOUNTED FAN (36" STEM). LOCATE J-BOX AT CEILING STRUCTURE FOR FAN.
- AE. ALL RECESSED CAN LIGHTING SHALL HAVE HOUSINGS THAT ARE DESIGNED FOR INSULATED CEILINGS AND CAN BE IN DIRECT CONTACT WITH CEILING INSULATION.
- AF. ALL RECEPTACLE IN GARAGE SHALL BE GFCI TYPE.
- AG. NO MULTI-WIRE BRANCH CIRCUITS ALLOWED.
- AH. LISTED TAMPER-RESISTANT RECEPTACLES TO BE INSTALLED IN 210.52 AREAS.
- AI. INSTALL RKS FUSES, SIZED PER NAMEPLATE IN LOCAL DISCONNECTS FOR MECHANICAL EQUIPMENT.



DESIGN APPROVAL
OWNER/CLIENT: _____ DATE APPROVED: _____



carhuff+cueva architects, llc

2930 n swan rd #210
tucson, arizona 85712
phone 520.577.4560
www.cca-az.com

ROOM ADDITION FOR:
OWNER
8229 N. 54th St. Paradise Valley, AZ 85253

REVISION	DATE	DESCRIPTION	BY
1	01.16.26	LIGHTING REVISION	

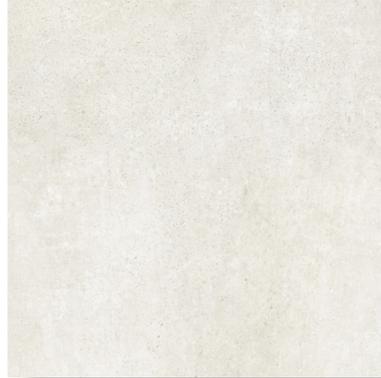
PROJECT NO. **PV25-8229**
DATE **NOVEMBER 7, 2025**
SCALE **1/4" = 1'-0"** DRAWN BY **-**
DRAWING TITLE **LIGHTING & POWER PLANS**
DRAWING NUMBER **E2.1**

Materials Board

8229 N. 54th Street_PA-25-57

All materials to match existing finishes (excludes metal roof).

Tile: Deck_Option 1



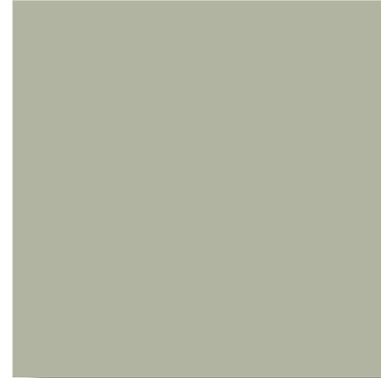
Sand NM10_Nominee_Color Body
Porcelain Pavers_Daltile_2'x2'

Tile: Deck_Option 2



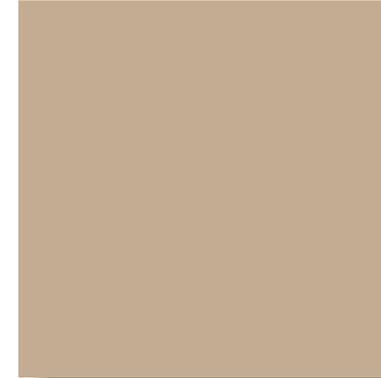
Luminary WhiteDR07_Dignitary_
Textured_Daltile_2'x2'

EIFS: Walls_Option 1



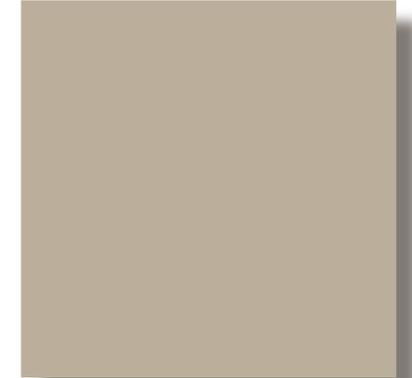
Simply Sage PPU10-16_Behr Paint
LRV: 39 RGB: 167 / 169 / 150

EIFS: Walls_Option 2



Latte SW 6108_Sherwin Williams
LRV: 38 RGB: 186 / 161 / 133

EIFS: Walls_Option 3



Tony Taupe SW 7038_
Sherwin Williams
LRV: 37 RGB: 177 / 162 / 144

Light Fixture: Wall



Black_RENE_EW39506-UNV
Wall Light (Attached Cutsheets).

Light Fixture: Ceiling



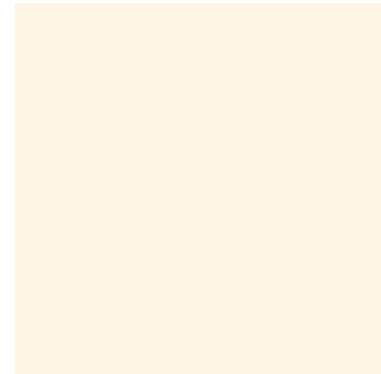
BB, BZBZ_NHIC-6LMRAT* 6" ICAT
Dedicated LED_Nora Lighting
(Attached Cutsheets).

Light Fixture: Ceiling



BW_NHIC-6LMRAT* 6" ICAT Dedicated
LED_Nora Lighting (Attached
Cutsheets).

View Fencing: Accent



Creamy SW 7012_Sherwin Williams
LRV: 81 RGB: 239 / 232 / 219

View Fencing: Accent



Creamy SW 7012_Sherwin Williams
LRV: 81 RGB: 239 / 232 / 219

Roof: Standing Seam



Metallic Copper (Cool)_SRI 53_LRV 29_
ASC Building Products_Curved
Span-Lok™ Metal Roofing

Metal Roofing and Siding COLOR CHART



Not all colors and profiles are available at all locations. Please see back of color card for details. We recommend you request a physical sample to review before ordering. We are not responsible for color variations.



ZINCALUME® Plus*
SRI: 64 • LRV: 67



WINTER WHITE
SRI: 88 • LRV: 74



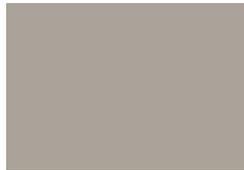
SURF WHITE
SRI: 74 • LRV: 59



LIGHT STONE
SRI: 70 • LRV: 53



DESERT BEIGE
SRI: 58 • LRV: 39



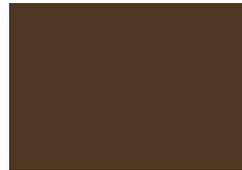
CASCADE GRAY
SRI: 58 • LRV: 41



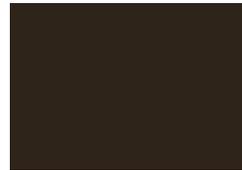
TAUPE
SRI: 53 • LRV: 28



PATINA STEEL
SRI: 38 • LRV: 17



CHESTNUT BROWN
SRI: 36 • LRV: 12



CLASSIC BROWN
SRI: 29 • LRV: 7



MATTE BLACK**
SRI: N/A • LRV: 5



CANYON RED
SRI: 45 • LRV: 16



RUSTIC RED
SRI: 43 • LRV: 13



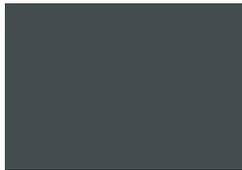
OLD TOWN GRAY
SRI: 43 • LRV: 27



OLD ZINC GRAY
SRI: 43 • LRV: 22



WEATHERED COPPER
SRI: 32 • LRV: 11



SLATE GRAY
SRI: 32 • LRV: 13



TAHOE BLUE
SRI: 33 • LRV: 14



EVERGLADE
SRI: 35 • LRV: 19



DENALI GREEN
SRI: 29 • LRV: 11



FOREST GREEN
SRI: 36 • LRV: 8



COPPER PENNY¹
SRI: 53 • LRV: 28



NATURAL RUST²
SRI: 32 • LRV: 10
(Subject to upcharge)



IRONOX²
SRI: N/A • LRV: N/A

MEASURED ON A SCALE OF 0 - 100

Light Reflective Value (LRV)
Measures how much visible light a color reflects and how much it absorbs. The **higher** the LRV, the **lighter** it will be.

Solar Reflective Index (SRI)
Measures the amount of **heat reflected** from painted metal roof. The higher the SRI value, the cooler the metal will be, helping cut down on **energy costs** to keep your **home cool**.

SRI values in accordance with ASTM E1980 and are based on independent testing. Cool Roof Rating Council (CRRC) performance values (for CA Title 24) are based on color families and will differ from above.

*Unpainted with a clear acrylic coating. **Not a rated product by the CRRC.

¹Please note, these colors are batch sensitive (may have color variation) and are directional in nature. Different batches are not to be mixed on projects.

²IronOx is black steel (uncoated and unpainted), that rusts naturally. No warranty is offered or implied. Only available in 22 gauge Nu-Wave® Corrugated.

REPRESENTATION OF COLORS MAY VARY DUE TO PRINTING LIMITATIONS.

Sample color chips are available upon request. Consult your ASC Building Products representative for more information.

Customer Service Centers

Salem, OR: 503-390-7174 or 800-272-7023 | Spokane, WA: 509-536-4097 or 800-776-8771

www.ascbp.com

PRODUCT DETAILS AND SPECS



Paint System Color Key																									
Dura Tech™ xl (SMP)																									
ColorGuard 25 with Spectrascape® (Polyester)																									
Dura Tech™ nt (SMP)																									
ZINCALUME® Plus (Unpainted; Clear acrylic coated)																									
Premium Color (Subject to upcharge)																									
Colors & Gauges		12" - Skyline Roofing®		16" - Skyline Roofing®		24" - 2½" Corrugated		24" - Delta Rib™		36" - Nor-Clad®		36" - Strata Rib®		36" - Delta Rib™ III		36" - PBR Panel		36" - Nu-Wave® Corrugated							
		26	26	29	26	29	26	29	26	29	26	29	26	29	26	26	26	26							
ZINCALUME® Plus			CA OR/WA		1	WA			CA OR/WA			CA OR/WA													
Winter White			CA OR/WA						CA OR/WA	OR WA			CA OR/WA	WA											
Surf White									OR WA				OR WA												
Light Stone			CA OR/WA							CA OR/WA				CA OR/WA											
Desert Beige									CA OR/WA	OR WA			CA OR/WA	WA											
Cascade Gray									OR				OR												
Taupe									CA OR/WA				CA OR/WA												
Patina Steel			CA OR/WA						CA OR/WA				CA OR/WA												
Chestnut Brown			CA OR/WA						CA OR/WA	OR WA			CA OR/WA	WA											
Classic Brown			CA OR/WA						CA OR/WA				CA OR/WA												
Matte Black*			CA OR/WA						CA OR/WA				CA OR/WA												
Canyon Red									CA OR/WA				CA OR/WA												
Rustic Red			CA OR/WA						CA OR/WA	OR WA			CA OR/WA	WA											
Old Town Gray			CA OR/WA						CA OR/WA	OR WA			CA OR/WA	WA											
Old Zinc Gray			CA OR/WA						CA OR/WA				CA OR/WA												
Weathered Copper			CA OR/WA						CA OR/WA				CA OR/WA												
Slate Gray			CA OR/WA			CA			CA OR/WA				CA OR/WA												
Tahoe Blue			CA OR/WA			WA			CA OR/WA		OR		CA OR/WA		OR										
Everglade			CA OR/WA						CA OR/WA				CA OR/WA												
Denali Green			CA OR/WA						CA OR/WA	OR WA			CA OR/WA	WA											
Forest Green			CA OR/WA						CA OR/WA	OR WA			CA OR/WA	WA											
Copper Penny**			CA OR/WA						OR/WA				OR/WA												
Natural Rust**			CA OR/WA		1				WA				WA												
IronOx ²																		2							
Production Location Key																									
CA - Sacramento, California OR - Salem, Oregon WA - Spokane, Washington		Salem, OR.		Multiple Locations (See Key)		Sacramento, CA.		Sacramento, CA, Spokane, WA.		Sacramento, CA.		Multiple Locations (See key)		Sacramento, CA., Salem, OR.		Multiple Locations (See key)		Sacramento, CA., Salem, OR.		Salem, OR.		Sacramento, CA.		Sacramento, CA.	

1) Also available in 32" net coverage.

2) IronOx is black steel (uncoated and unpainted), that rusts naturally. No warranty is offered or implied. Only available in 22 gauge Nu-Wave® Corrugated.

* Matte Black is not a rated product by the Cool Roof Rating Council.

** Please note these colors are batch sensitive (may have color variation) and are directional in nature. Different batches are not to be mixed on projects.

We recommend you request a sample of current stocked material to review actual color before ordering to ensure color accuracy. WE ARE NOT RESPONSIBLE FOR COLOR VARIATIONS.



NHIC-6LMRAT

6" IC Air-Tight LED Dedicated New Construction Housing
(Compatible with Cobalt, Marquise, Onyx and Pearl)

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Dedicated new construction housing for use in insulated ceilings can be in direct contact with insulation. Air-tight construction provides energy savings by reducing the flow of air through the ceiling. The housing is dedicated and labeled for use with LED retrofit luminaires.

FEATURES

- IC Air-Tight energy saving by reducing the flow of air through the ceiling
- Rated for direct contact with insulation
- cULus listed for damp location and through branch circuit wiring

CONSTRUCTION

Plaster Frame: High quality 0.04" steel die cut one piece frame.

Housing: 0.040 galvanized steel housing with riveted cap adjusts for ceiling thicknesses from 5/8" to 1-1/4". Spring brackets accept torsion wing trim springs; slots on socket plate surface accept standard coil springs.

Air Flow Restriction: Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance to ASTM 283.

Clearance: "IC" Insulated ceiling housings are direct contact rated. Not to be used in direct contact with spray foam insulation.

Bar Hangers: Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allow for easy installation in a suspended ceiling.

Junction Box: Prewired 25 cubic inch 0.064" thick galvanized steel box with six 1/2" trade size knockouts and hinged junction box door. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

Romex Strain Relief: Junction box includes two Romex tabs with two slots at each tab for NM-cables of 12/2 to 14/2. The strain relief allows for easy installation and less materials.

ELECTRICAL

Input Voltage: 120/277V or 277V (must specify)

Socket: Quick connect for LED downlights

Operating Temperature: 122°F (50°C) max.

Dimming: Specified by downlight

COMPATIBILITY

NLCBC-669: 6" Cobalt Adjustable Downlight

NLCBC2-6: 6" Cobalt Click Downlights

NOX-56 / NOXAC-56 / NOXTW-56: 5"/6" Onyx Downlights

NOXAC-636: 6" AC Onyx Square Reflector

NPR-56: 5"/6" Pearl Downlights

NRMC3-61: 6" Marquise III Reflector

NRMC3-62: 6" Marquise III Baffle

Step Down Transformer (converts 277V input to 120V):

Optional 50W step down transformer installed (NHIC-6LMRAT/277). Maximum of 6 no. 12 AWG through branch circuit conductors in junction box.

Emergency: Housing can be specified with an emergency battery installed on frame (Cobalt only). Requires top access.

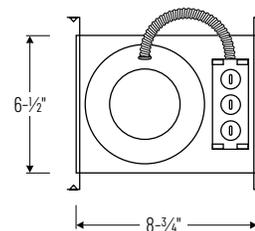
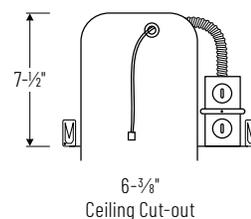
- Up to 7.5W emergency illumination with LEDs
- Illumination Time: 90min
- Voltage: 120/277 VAC, 60Hz
- Output Voltage: 15.0-50.0 VDC
- Remote test switch included

LABELS AND LISTINGS

- cULus or cETLus Listed for Damp Location (wet location when used with compatible downlights)
- Airtight in accordance to ASTM 283
- Certified to the high efficacy requirements of California Title 24 JA8-2022 (when used with compatible downlight)
- RoHS compliant



PRODUCT IMAGES & DIMENSIONS



6" IC Air-Tight LED Dedicated New Construction Housing

Catalog No.

NHIC-6LMRAT = 6" IC Air-Tight Housing, 120/277V input (120V Triac/ELV dimming)

NHIC-6LMRAT/277 = 6" IC Air-Tight Housing, 277V input with 50W Step Down Transformer

NHIC-6LMRAT/EM = 6" IC Air-Tight Housing with Emergency Battery and Remote Test Switch, 120/277V input (Cobalt only - EM required)

NHIC-6LMRAT/277EM = 6" IC Air-Tight Housing with Emergency Battery and Remote Test Switch, 277V input with 50W Step Down Transformer (Cobalt only - EM required)

NHIC-6LMRAT/4W = 6" IC Air-Tight Housing, 120/277V input (120V Triac/ELV/0-10V & 277V 0-10V dimming, Cobalt only - LE4 required)

NHIC-6LMRAT/6WEM = 6" IC Air-Tight Housing with Emergency Battery and Remote Test Switch, 120/277V input (120V Triac/ELV/0-10V & 277V 0-10V dimming, Cobalt only - LE4EM required)

Example: **NHIC-6LMRAT** = 6" IC Air-Tight LED Dedicated New Construction Housing, 120/277V input

NRMC3-61 / NRMC3-62

6" Marquise III Retrofit Downlights

Source: 12W
1300lm

Type	
Project	
Catalog No.	
Notes	

PRODUCT DESCRIPTION

The Marquise III Retrofit Series replaces existing recessed trims and light sources. Series includes Signify® COB LED with optimized beam spreads, dimmable driver and medium base socket to replace old light sources with the latest LED technology.

FEATURES

- Retrofit existing architectural or commercial housings with the latest LED technology
- Over 80% energy savings when compared to incandescent
- Signify® Fortimo COB LED technology
- Spot, narrow or flood beam spreads
- 1300lm LED package
- Dedicated CCT (27K, 30K, 35K & 40K) @ 90+CRI
- 5-year Limited Warranty

CONSTRUCTION

Reflector: Aluminum spun reflector with deep set diffused lens for excellent visual comfort while providing high lumen output.

Mounting: Trim includes torsion springs to mount trim securely to housing.

ELECTRICAL

Input Voltage: 120VAC

Lumens / Wattage: 1300lm / 12W

Color Temperature: 2700K, 3000K, 3500K, 4000K

Color Rendering Index: 90+CRI

Beam Spread: Spot, Narrow Flood, Flood

Operating Temperature: 0°C to 30°C

Lifetime: 50,000 hours @ L70

Dimming: Dimmable down to 10% with Triac or ELV

[Click Here](#) or check complete dimmer list at

www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE HOUSINGS

Marquise retrofit downlights are compatible with most 6" IC and Non-IC housings by Nora Lighting and others.

FIRE BOX

NFBIC-6INCATA

6" ICAT Fire Box

NFBIC-6LMRATA*

6" ICAT Dedicated LED Fire Box

NEW CONSTRUCTION

NHIC-6LMRAT*

6" ICAT Dedicated LED

NHIC-6LMRAT/277*1

6" ICAT Dedicated LED, 277V

NHICCP-6LMRAT*

6" Chicago Plenum Dedicated LED

NHIC-170AT

6" ICAT Line Voltage

NHIC-170NBAT

6" ICAT Line Voltage (No Bracket)

NH-26Q

6" Line Voltage

NHIC-6G24ATFL

6" ICAT GU24

NHIC-6LEDAT

REMODEL

NHRIC-6LMRAT*

6" ICAT Dedicated LED

NHRIC-170AT

6" ICAT Line Voltage

NHRIC-170NBAT

6" ICAT Line Voltage (No Bracket)

NHR-26Q

6" Line Voltage

Retrofit: Marquise retrofit series includes medium base screw-socket adapter (NRA-211SM) for retrofitting into existing medium base downlight housings. GU24 socket adapter is available for use with GU24 housings, must specify NRA-212SM.

LABELS AND LISTINGS

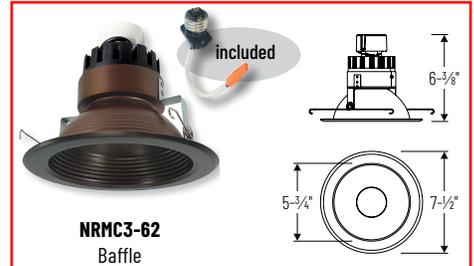
- cULus classified for Wet Location when used with compatible housing
- [5-Year Limited Warranty](#)
- Air tight in accordance to ASTM 283
- FCC compliant



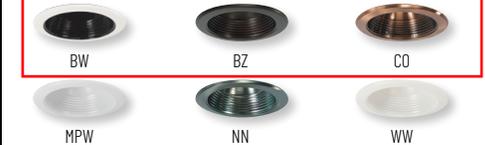
PRODUCT IMAGES AND DIMENSIONS



NRMC3-61
Reflector



NRMC3-62
Baffle



6" Marquise III Retrofit Downlight

Trim Type	Lumens / Wattage	CCT	Beam Spread	Finish (see chart below)
NRMC3-61 = Reflector	L1 = 1300lm / 12W	27 = 2700K	S = Spot	BB = Black / Black Flange
NRMC3-62 = Baffle		30 = 3000K	N = Narrow Flood	BW = Black / White Flange
		35 = 3500K	F = Flood	BZ = Bronze / Bronze Flange
		40 = 4000K		CO = Copper / Copper Flange
				DB = Diffused Clear / Black Flange
				DW = Diffused Clear / White Flange
				HZ = Haze / Haze Flange
				HZW = Haze / White Flange
				MPW = Matte Powder White
				NN = Natural Metal / Natural Metal Flange
				WW = White / White Flange

Available Finishes											
	BB	BW	BZ	CO	DB	DW	HZ	HZW	MPW	NN	WW
61	•	•	•	•	•	•	•	•	•	•	•
62	•	•	•	•					•	•	•

Example: **NRMC3-61L0930WW** = 6" Marquise III Round Open Retrofit Reflector, 1300lm / 12W, 3000K, White Reflector / White Flange

Optional Accessories

Description
NRA-211SM = Medium base screw-in socket (included)
NRA-212SM = Socket adapter for use with GU24 housings

PHOTOMETRICS

6" Marquise III Retrofit Downlights
1300 lumens

Type

Project

Catalog No.

Notes

Test Information

Test Number: NTR2438R2

Part Number: NRM3-61L140SMPW

Beam Spread: 30° Spot

Lumens: 1275lm

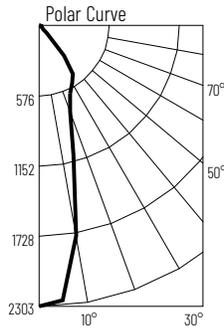
Wattage: 11.85W

Efficacy: 108lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 0.5

Spacing Criteria (90°-270): 0.52



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	144fc	2'-1"
6'	64fc	3'-1"
8'	36fc	4'-2"
10'	23fc	5'-2"
12'	16fc	6'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	816	64
0-40	1097	86.1
0-60	1233	96.8
0-90	1275	100
90-180	0	0
0-180	1275	100

Candela Table

Vertical Angles	Candela
0	2303
5	2261
15	1100
25	612
35	483
45	85

Test Information

Test Number: NTR2439R2

Part Number: NRM3-61L140NMPW

Beam Spread: 53° Narrow Flood

Lumens: 1322lm

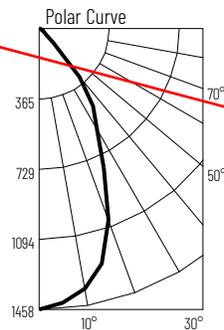
Wattage: 11.85W

Efficacy: 112lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 0.84

Spacing Criteria (90°-270): 0.82



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	91.1fc	4'
6'	40.5fc	6'-1"
8'	22.8fc	8'-1"
10'	14.6fc	10'-1"
12'	10.1fc	12'-1"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	842	63.7
0-40	1136	85.9
0-60	1278	96.6
0-90	1322	100
90-180	0	0
0-180	1322	100

Candela Table

Vertical Angles	Candela
0	1458
5	1429
15	1265
25	799
35	491
45	104

Test Information

Test Number: NTR2440R2

Part Number: NRM3-61L140FMPW

Beam Spread: 78° Flood

Lumens: 1159lm

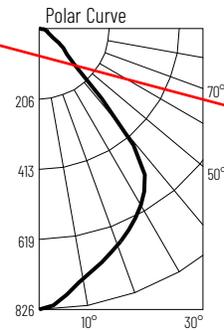
Wattage: 11.85W

Efficacy: 98lpw

CCT / CRI: 4000K / 90 CRI

Spacing Criteria (0°-180): 1.1

Spacing Criteria (90°-270): 1.1



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	51.6fc	6'-7"
6'	22.9fc	9'-10"
8'	12.9fc	13'-1"
10'	8.3fc	16'-5"
12'	5.7fc	19'-8"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	569	49.1
0-40	869	75
0-60	1096	94.5
0-90	1159	100
90-180	0	0
0-180	1159	100

Candela Table

Vertical Angles	Candela
0	826
5	
15	
25	
35	
45	

Lumen Output Multipliers

Color Temperature: 2700K (0.5), 3000K (0.91), 3500K (0.97), 4000K (1.00)

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: EW39506-BK - Rene

Luminaire: LED 5

Luminaire Cat: EW39506

Lamp Output: Total luminaire Lumens: 604

Max Candela: 176.6 at Horizontal: 45°, Vertical: 5°

Input Wattage: 11.15

Luminous Opening: Rectangle (L: 5.12", W: 3.94")

Test Date: 2022/12/28

Test Lab: LCTECH

Photometry : Type C

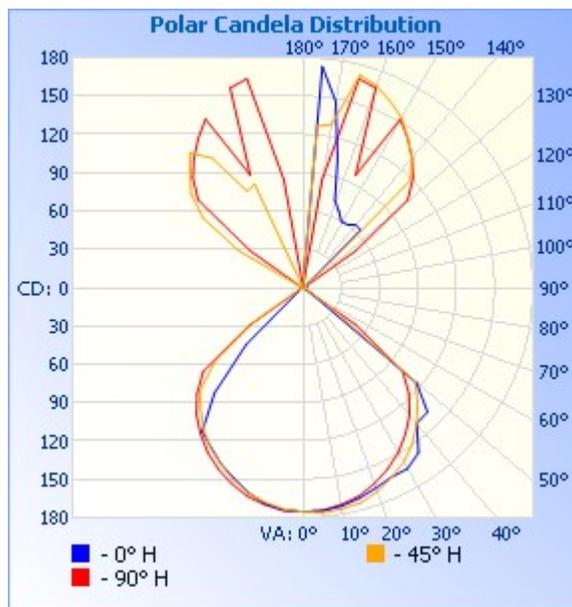
CIE Class: General Diffuse

Cutoff Class: Noncutoff

Nema Type: 6 X 6

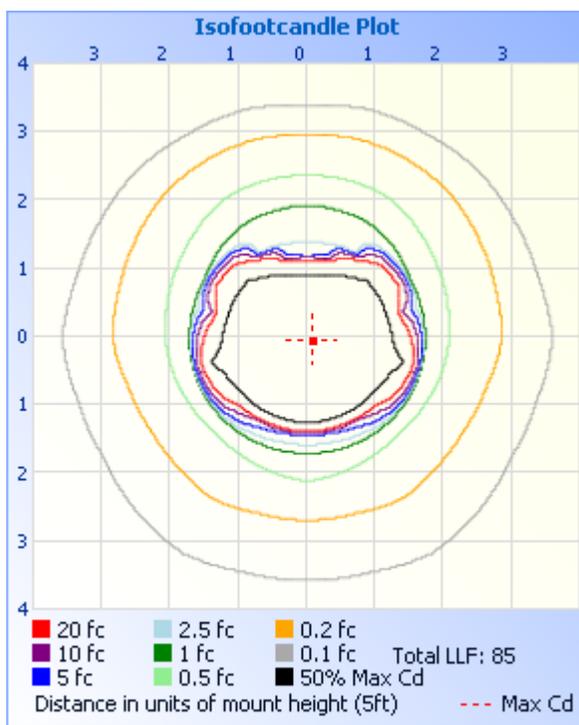
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	137.1	22.7%
0-40	225.7	37.4%
0-60	345.1	57.1%
60-90	4.7	0.8%
70-100	4.4	0.7%
90-120	8.9	1.5%
0-90	349.7	57.9%
90-180	254.2	42.1%
0-180	604.0	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	16.6	2.7%	90-100	1.7	0.3%
10-20	47.7	7.9%	100-110	2.3	0.4%
20-30	72.8	12.1%	110-120	4.9	0.8%
30-40	88.7	14.7%	120-130	29.7	4.9%
40-50	85.5	14.2%	130-140	62.7	10.4%
50-60	33.9	5.6%	140-150	67.3	11.1%
60-70	2.0	0.3%	150-160	52.1	8.6%
70-80	1.5	0.2%	160-170	27.7	4.6%
80-90	1.3	0.2%	170-180	5.9	1%



	Center Beam fc	Beam Width	
2.5R	28.1 fc	5.3 ft	6.3 ft
5.0R	7.01 fc	10.6 ft	12.6 ft
7.5R	3.12 fc	15.9 ft	19.0 ft
10.0R	1.75 fc	21.2 ft	25.3 ft
12.5R	1.12 fc	26.5 ft	31.6 ft
15.0R	0.78 fc	31.8 ft	37.9 ft

■ Vert. Spread: 93.4°
■ Horiz. Spread: 103.3°

Photometrics Pro 1.3.29 copyright 2003-2023 by jSolutions, Inc.
 Reported data calculated from manufacturer's data file, based on IES recommended methods.

Dimmer Compatibility

NRMC3

Phase Dimming (Triac / ELV)

Leading Edge (Triac)		
Brand	Model	Notes
LUTRON	SLV-600X	Dimmers can be loaded up to 80% of their max power rating. The minimum number of drivers per dimmer is 1.
	S2-LX	
	GL-600H	
	NFTU-5A	
	DVCL-153P	
	DVLV-600P	
LEVITON	6602-X	
	6681-X	
	6683-X	
	6684-X	
	700-X	
	705-X	
	6633	
	6674	
	IPI06-1LZ	
COOPER	9530XXX	
LIGHTOLIER	MP600X	
PHILIPS	SR150LED120	

Trailing Edge (ELV)		
Brand	Model	Notes
LUTRON	NTELV-600-XX	Dimmers can be loaded up to 80% of their max power rating. The minimum number of drivers per dimmer is 1.
	SELV-303P	
	MAELV-600-XX	
	DVELV-300P-XX	
	SELV-300P-XX	
LEVITON	IPE04-1LZ	
	VZE06-1LX	
	6615-POT	
PHILIPS	SR400RPC120	

CONSULT THE DIMMER MANUFACTURER PRIOR TO INSTALLATION TO ENSURE COMPATIBILITY

NLCBC2-65 Series

6" Cobalt Click LED Retrofit Reflectors

Source: 10W to 13.5W LED
750lm to 1000lm

Type **NLCBC2-652**

Project **Block**

Catalog No.

Notes **750 lm**

PRODUCT DESCRIPTION

Cobalt retrofit series is cULus classified for use in existing IC or Non-IC housings manufactured by Nora and others. The 6" retrofit click luminaires product up to 1000 lumen output at 90+ CRI. The Cobalt series integrates an array of LEDs, giving bright spectacular light output and low power consumption.

SPECIFICATION

Trim: UTM thermal management features an integral driver, large heat sink and the latest LED technology. The patented "Click" system allows the aluminum spun trims to be easily changed in the field with the help of spring mounting clips which properly secure them to the LED module.

Mounting: Two steel, spring mounting blades allow for easy and secure mounting in most 6" housings.

Retrofit: Cobalt retrofit series includes medium base screw-socket adapter ([NRA-21ISM](#)) for retrofitting into existing medium base downlight housings. GU24 socket adapter is available for use with GU24 housings, must specify [NRA-212SM](#).

ELECTRICAL

Input Voltage: 120V or 120V-277V, must specify

Lumens / Wattage: See chart below

LED Module	Lumens / Wattage	Color Temperature
Dedicated CCT	750lm / 10W or 1000lm / 12W	2700K, 3000K, 3500K, 4000K
Selectable CCT	1000lm / 13.5W	2700K, 3000K, 3500K, 4000K, 5000K
Comfort Dim	900lm / 12W	3000K to 2000K

Color Temperature: Dedicated, Selectable or Comfort Dim

Color Rendering Index: 90+ CRI

Operating Temperature: 0-35°C

Lifetime:

36,000 hours @ L70 (Selectable CCT)

50,000 hours @ L70 (Dedicated CCT & Comfort Dim)

Comfort Dim: Comfort Dim color tunes the temperature from a bright 3000K, to a romantic and comfortable 2000K on a gradual, even curve. Available in 900lm / 12W / 120V only.

Dimming: Available in Triac/ELV0-10V, must specify

[Click Here](#) or check complete dimmer list at

[www.NoraLighting.com](#) in the "Compatibility" page under "Resources" tab

COMPATIBLE HOUSINGS

Cobalt retrofit reflectors are compatible with most 6" IC and Non-IC housings by Nora and others.

Fire Box

[NFBIC-6LMRATA*](#)

ICAT Dedicated LED

[NFBIC-6LMRATA/4W*](#)

ICAT Dedicated LED for LE4

[NFBIC-6INCATA](#)

ICAT Line Voltage

New Construction

[NHIC-27LMRAT*](#)

Shallow ICAT Dedicated LED

[NHIC-6LMRAT*](#)

ICAT Dedicated LED

[NHIC-6LMRAT/4W*](#)

ICAT Dedicated LED for LE4

[NHIC-6LMRAT/EM*](#)

ICAT Dedicated LED w/EM

[NHIC-6LMRAT/6WEM*](#)

ICAT Dedicated LED w/EM+LE4

[NHICCP-6LMRAT*](#)

Chicago Plenum Dedicated LED

[NHIC-27QAT](#)

Shallow ICAT Line Voltage

[NHIC-17QAT](#)

ICAT Line Voltage

[NH-26Q](#)

Non-IC Line Voltage

[NHIC-6G24ATFL](#)

ICAT GU24

Remodel

[NHRIC-27LMRAT*](#)

Shallow ICAT Dedicated LED

[NHRIC-6LMRAT*](#)

ICAT Dedicated LED

[NHRIC-27QAT](#)

Shallow ICAT Line Voltage

[NHRIC-17QAT](#)

ICAT Line Voltage

[NHR-26Q](#)

Non-IC Line Voltage

* Nora Dedicated LED housings are cULus listed for use only with Nora LED Retrofits.

ACCESSORIES

[NLCBC-6EYELID](#): Round eyelid for reflector or baffle

[NLCBC-6OR](#): Round oversize ring for holes up to 8"

[NEPK-23LEDUNV](#): 23W Emergency with Remote Test Switch

[NEPKA-20/23LEDRTS](#): Ribbon Test Switch for NEPK-23LEDUNV

Emergency:

Selectable CCT is compatible with NEPK-23LEDUNV (ordered separately).

Dedicated CCT and Comfort Dim require a housing with EM.

LABELS AND LISTINGS

• cULus classified for Wet Locations

• [5-Year Limited Warranty](#)

• Airtight in accordance to ASTM E283

• FCC Compliant

• Certified to the requirements of CA Title 24 JA8-2025

• [Patented \(noralighting.com/patents\)](#)



TRIM FINISHES

	BB	BW	BZBZ	COCO	DW	HZMPW	HZW	MPW	NN	PW	WW
651	•	•	•	•	•	•	•	•	•	•	•
652	•	•	•	•	•	•	•	•	•	•	•
653	•	•	•	•	•	•	•	•	•	•	•
656	•	•	•	•	•	•	•	•	•	•	•

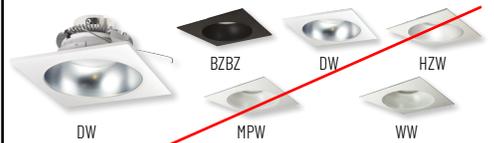
PRODUCT IMAGES & DIMENSIONS



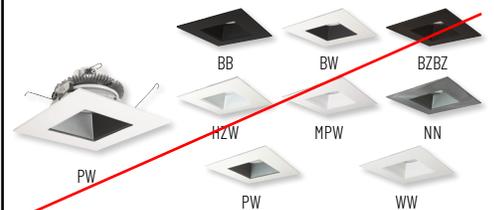
NLCBC2-651
Round Reflector



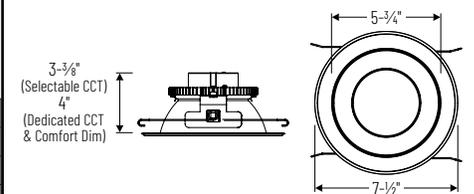
NLCBC2-652
Round Baffle



NLCBC2-653
Square Reflector with Round Aperture



NLCBC2-656
Square Reflector with Square Aperture



6" Cobalt Click LED Retrofit Reflectors

Reflector Type	Color Temperature	Finish (see chart above)	Lumens	Dimming & Emergency
<input type="checkbox"/> NLCBC2-651 = Round Reflector	27 = 2700K	<input checked="" type="checkbox"/> BB = Black / Black	<input checked="" type="checkbox"/> /A = 750lm	<input type="checkbox"/> (blank) = 120V Phase (Triac/ELV)
<input checked="" type="checkbox"/> NLCBC2-652 = Round Baffle	<input checked="" type="checkbox"/> 30 = 3000K	<input checked="" type="checkbox"/> BW = Black / White	<input type="checkbox"/> /10 = 1000lm	<input checked="" type="checkbox"/> LE4 = 120-277V Phase or 0-10V (requires Nora 4W housing)
<input type="checkbox"/> NLCBC2-653 = Square Round	<input type="checkbox"/> 35 = 3500K	<input checked="" type="checkbox"/> BZBZ = Bronze / Bronze		<input type="checkbox"/> EM = 120V with Emergency Wiring ³ (requires Nora EM housing)
<input checked="" type="checkbox"/> NLCBC2-656 = Square Regress	<input type="checkbox"/> 40 = 4000K	<input type="checkbox"/> COCO = Copper / Copper		<input checked="" type="checkbox"/> LE4EM = LE4 w/ Emergency Wiring ³ (requires Nora 6WEM housing)
	<input type="checkbox"/> TW = Selectable CCT ¹	<input type="checkbox"/> DW = Diffused / White		
	<input type="checkbox"/> CD = Comfort Dim ²	<input type="checkbox"/> HZMPW = Haze / MPW		
		<input type="checkbox"/> HZW = Haze / White		
		<input type="checkbox"/> MPW = Matte Powder White		
		<input type="checkbox"/> NN = Natural Metal		
		<input type="checkbox"/> PW = Pewter / White		
		<input type="checkbox"/> WW = White / White		

Notes:

¹ Available in 1000lm & 120V only. Compatible with NEPK-23LEDUNV

² Available in 900lm & 120V only. Compatible with EM housings

³ Available with Dedicated CCT & Comfort Dim only

Optional Accessories

Description
<input type="checkbox"/> NLCBC-6EYELIDB = 6" Round Eyelid, Black
<input type="checkbox"/> NLCBC-6EYELIDBZ = 6" Round Eyelid, Bronze
<input type="checkbox"/> NLCBC-6EYELIDMPW = 6" Round Eyelid, Matte Powder White
<input type="checkbox"/> NLCBC-6EYELIDW = 6" Round Eyelid, White
<input type="checkbox"/> NLCBC-6OR-B = 6" Round Oversize Ring, Black
<input type="checkbox"/> NLCBC-6OR-BZ = 6" Round Oversize Ring, Bronze
<input type="checkbox"/> NLCBC-6OR-MPW = 6" Round Oversize Ring, Matte Powder White
<input type="checkbox"/> NLCBC-6OR-W = 6" Round Oversize Ring, White
<input type="checkbox"/> NRA-21ISM = Medium base screw-in socket (included)
<input type="checkbox"/> NRA-212SM = Socket adapter for use with GU24 housings
<input type="checkbox"/> NEPK-23LEDUNV = 23W Emergency LED Driver w/Remote Test Switch

Example: **NLCBC2-65130MPW/A** = 6" Cobalt Click LED Retrofit Reflector, 750lm / 10W LED, 3000K, Matte Powder White Finish

NLCBC2-65 Series

6" Cobalt Click LED Retrofit Downlight Accessories

Type	
Project	
Catalog No.	
Notes	



Round Eyelid

- NLCBC-6EYELIDB
- NLCBC-6EYELIDBZ
- NLCBC-6EYELIDMPW
- NLCBC-6EYELIDW

- Black Finish
- Bronze Finish
- Matte Powder White
- White Finish

Round eyelid used to convert round reflector or baffle to half moon wall wash trim.



Oversize Ring

- NLCBC-6OR-B
- NLCBC-6OR-BZ
- NLCBC-6OR-MPW
- NLCBC-6OR-W

- Black Finish
- Bronze Finish
- Matte Powder White
- White Finish

Round oversize ring used to cover ceiling cut-outs up to 8"



Medium Base Socket Adapter

NRA-21ISM

Retrofit adapter allows luminaire to be installed over recessed housings with a medium base socket.
Note: Each luminaire includes one adapter



GU24 Socket Adapter

NRA-212SM

Retrofit adapter allows luminaire to be installed over recessed housings with a GU24 socket.

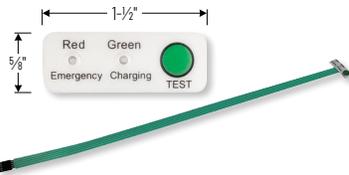


23W Emergency LED Driver with Remote Test Switch

NEPK-23LEDUNV

120-277V Emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to charge the battery.

Note: Compatible with Selectable CCT only



Ribbon Test Switch for NEPK-23LEDUNV

NEPKA-20/23LEDRTS

Ribbon test switch replaces remote test switch included with emergency driver. Double sided tape is pre-installed.

PHOTOMETRICS

6" Cobalt Click LED Retrofit Downlights
750 lumens / Dedicated CCT

Type

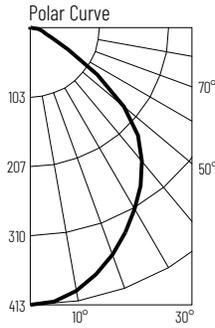
Project

Catalog No.

Notes **NTR1298**

Test Information

Test Number: NTR1298
Part Number: NLCCB2-65127WW/A
Beam Spread: 95° Wide Flood
Lumens: 844lm
Wattage: 9.56W
Efficacy: 88lpw
CCT / CRI: 2700K / 90 CRI
Spacing Criteria (0°-180°): 1.14
Spacing Criteria (90°-270°): 1.14



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	25.8fc	8'-10"
6'	11.5fc	13'-1"
8'	6.5fc	17'-6"
10'	4.1fc	21'-11"
12'	2.9fc	26'-4"

Zonal Lumen Summary

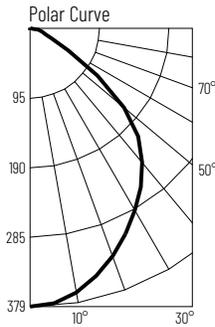
Zone	Lumens	% Luminaire
0-30	301	35.7
0-40	481	57
0-60	770	91.2
0-90	839	99.5
90-180	4	0.5
0-180	844	100

Candela Table

Vertical Angles	Candela
0	413
5	409
15	381
25	336
35	287
45	227

Test Information

Test Number: NTR1299
Part Number: NLCCB2-65130WW/A
Beam Spread: 101° Wide Flood
Lumens: 857lm
Wattage: 9.54W
Efficacy: 90lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.22



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	23.7fc	9'-8"
6'	10.5fc	14'-7"
8'	5.9fc	19'-5"
10'	3.8fc	24'-4"
12'	2.6fc	29'-2"

Zonal Lumen Summary

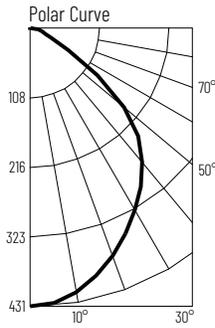
Zone	Lumens	% Luminaire
0-30	289	33.7
0-40	468	54.6
0-60	774	90.4
0-90	853	99.5
90-180	4	0.5
0-180	857	100

Candela Table

Vertical Angles	Candela
0	379
5	378
15	361
25	330
35	289
45	234

Test Information

Test Number: NTR1254
Part Number: NLCCB2-65135WW/A
Beam Spread: 101° Wide Flood
Lumens: 977lm
Wattage: 10W
Efficacy: 98lpw
CCT / CRI: 3500K / 90 CRI
Spacing Criteria (0°-180°): 1.24
Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	26.9fc	9'-11"
6'	11.9fc	14'-10"
8'	6.7fc	19'-8"
10'	4.3fc	24'-7"
12'	3fc	29'-7"

Zonal Lumen Summary

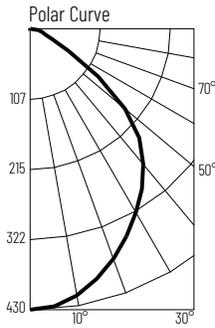
Zone	Lumens	% Luminaire
0-30	329	33.7
0-40	535	54.7
0-60	889	91
0-90	974	99.7
90-180	3	0.3
0-180	977	100

Candela Table

Vertical Angles	Candela
0	430
5	428
15	411
25	375
35	329
45	268

Test Information

Test Number: NTR1255
Part Number: NLCCB2-65140WW/A
Beam Spread: 101° Wide Flood
Lumens: 962lm
Wattage: 10W
Efficacy: 96lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.22



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	26.8fc	9'-10"
6'	11.9fc	14'-7"
8'	6.7fc	19'-6"
10'	4.3fc	24'-5"
12'	3fc	29'-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	327	33.9
0-40	530	55.1
0-60	879	91.3
0-90	960	99.8
90-180	2.2	0.2
0-180	962	100

Candela Table

Vertical Angles	Candela
0	429
5	427
15	408
25	371
35	326
45	265

Finish Multipliers

Finish: Black (0.74), Bronze (0.72), Diffused Clear (0.92), Haze (0.91), Matte Powder White (0.99), Natural Metal (0.94)

PHOTOMETRICS

6" Cobalt Click LED Retrofit Downlights 1000 lumens / Dedicated CCT

Type

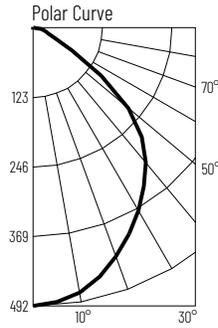
Project

Catalog No.

Notes

Test Information

Test Number: NTR1304
Part Number: NLCCB2-65127WW/10
Beam Spread: 95° Wide Flood
Lumens: 1006lm
Wattage: 11.58W
Efficacy: 87lpw
CCT / CRI: 2700K / 90 CRI
Spacing Criteria (0°-180°): 1.14
Spacing Criteria (90°-270°): 1.14



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	30.8fc	8'-8"
6'	13.7fc	13'-1"
8'	7.7fc	17'-6"
10'	4.9fc	21'-10"
12'	3.4fc	26'-2"

Zonal Lumen Summary

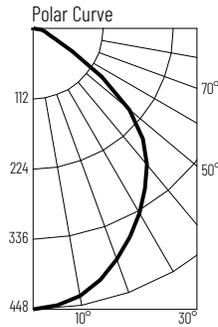
Zone	Lumens	% Luminaire
0-30	359	35.7
0-40	573	57
0-60	917	91.2
0-90	1001	99.5
90-180	5	0.5
0-180	1006	100

Candela Table

Vertical Angles	Candela
0	492
5	487
15	456
25	403
35	343
45	273

Test Information

Test Number: NTR1305
Part Number: NLCCB2-65130WW/10
Beam Spread: 101° Wide Flood
Lumens: 1021lm
Wattage: 11.35W
Efficacy: 90lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.22



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	28fc	9'-10"
6'	12.4fc	14'-8"
8'	7fc	19'-7"
10'	4.5fc	24'-6"
12'	3.1fc	29'-5"

Zonal Lumen Summary

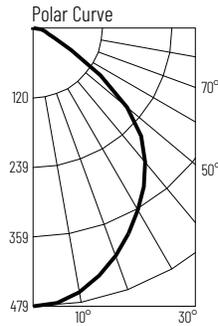
Zone	Lumens	% Luminaire
0-30	341	33.4
0-40	553	54.1
0-60	918	89.9
0-90	1013	99.2
90-180	8	0.8
0-180	1021	100

Candela Table

Vertical Angles	Candela
0	448
5	446
15	427
25	388
35	341
45	278

Test Information

Test Number: NTR2581R1
Part Number: NLCCB2-65135WW/10
Beam Spread: 101° Wide Flood
Lumens: 1082lm
Wattage: 11.35W
Efficacy: 95lpw
CCT / CRI: 3500K / 90 CRI
Spacing Criteria (0°-180°): 1.24
Spacing Criteria (90°-270°): 1.22



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	29.9fc	9'-10"
6'	13.3fc	14'-8"
8'	7.5fc	19'-7"
10'	4.8fc	24'-6"
12'	3.3fc	29'-5"

Zonal Lumen Summary

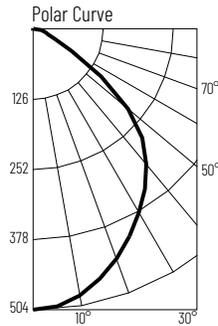
Zone	Lumens	% Luminaire
0-30	365	33.7
0-40	591	54.7
0-60	981	90.7
0-90	1082	100
90-180	0	0
0-180	1082	100

Candela Table

Vertical Angles	Candela
0	479
5	477
15	458
25	420
35	366
45	294

Test Information

Test Number: NTR2582R1
Part Number: NLCCB2-65140WW/10
Beam Spread: 101° Wide Flood
Lumens: 1132lm
Wattage: 11.22W
Efficacy: 101lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 1.22
Spacing Criteria (90°-270°): 1.2



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	31.5fc	9'-8"
6'	14fc	14'-7"
8'	7.9fc	19'-5"
10'	5fc	24'-4"
12'	3.5fc	29'-2"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	384	33.9
0-40	620	54.8
0-60	1027	90.7
0-90	1132	100
90-180	0	0
0-180	1132	100

Candela Table

Vertical Angles	Candela
0	504
5	501
15	480
25	438
35	380
45	305

Finish Multipliers

Finish: Black (0.74), Bronze (0.72), Diffused Clear (0.92), Haze (0.91), Matte Powder White (0.99), Natural Metal (0.94)

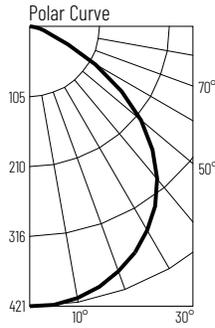
PHOTOMETRICS

6" Cobalt Click LED Retrofit Downlights 1000 lumens / Selectable CCT

Type	
Project	
Catalog No.	
Notes	

Test Information

Test Number: NTR2563R1
 Part Number: NLBCB2-65127WWW/10
 Beam Spread: 102° Wide Flood
 Lumens: 985lm
 Wattage: 13.15W
 Efficacy: 75lpw
 CCT / CRI: 2700K / 90 CRI
 Spacing Criteria (0°-180°): 1.26
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	26.3fc	10'
6'	11.7fc	15'
8'	6.6fc	20'
10'	4.2fc	25'
12'	2.9fc	29'-11"

Zonal Lumen Summary

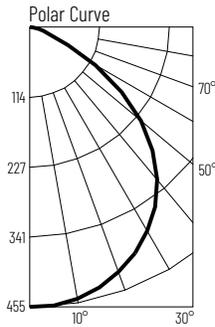
Zone	Lumens	% Luminaire
0-30	269	27.3
0-40	447	45.4
0-60	868	88.1
0-90	985	100
90-180	0	0
0-180	985	100

Candela Table

Vertical Angles	Candela
0	421
5	420
15	406
25	377
35	332
45	266

Test Information

Test Number: NTR2564R1
 Part Number: NLBCB2-651TWWW/10
 Beam Spread: 102° Wide Flood
 Lumens: 1061lm
 Wattage: 13.39W
 Efficacy: 79lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 1.26
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	28.4fc	9'-11"
6'	12.6fc	14'-10"
8'	7.1fc	19'-10"
10'	4.5fc	24'-8"
12'	3.2fc	29'-8"

Zonal Lumen Summary

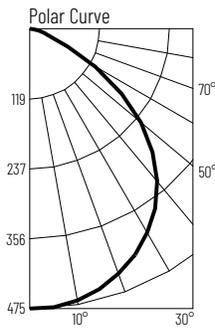
Zone	Lumens	% Luminaire
0-30	351	33.1
0-40	572	54
0-60	953	89.8
0-90	1061	100
90-180	0	0
0-180	1061	100

Candela Table

Vertical Angles	Candela
0	454
5	452
15	437
25	405
35	357
45	284

Test Information

Test Number: NTR2565R1
 Part Number: NLBCB2-651TWWW/10
 Beam Spread: 102° Wide Flood
 Lumens: 1105lm
 Wattage: 13.58W
 Efficacy: 81lpw
 CCT / CRI: 3500K / 90 CRI
 Spacing Criteria (0°-180°): 1.26
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	29.6fc	9'-11"
6'	13.2fc	14'-10"
8'	7.4fc	19'-10"
10'	4.7fc	24'-8"
12'	3.3fc	29'-7"

Zonal Lumen Summary

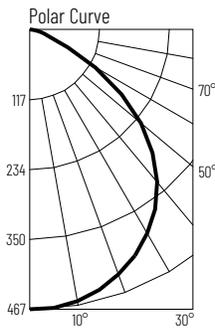
Zone	Lumens	% Luminaire
0-30	367	33.2
0-40	597	54.1
0-60	993	89.9
0-90	1105	100
90-180	0	0
0-180	1105	100

Candela Table

Vertical Angles	Candela
0	474
5	473
15	457
25	424
35	373
45	297

Test Information

Test Number: NTR2566R1
 Part Number: NLBCB2-651TWWW/10
 Beam Spread: 101° Wide Flood
 Lumens: 1087lm
 Wattage: 13.46W
 Efficacy: 81lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 1.26
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	29.2fc	9'-10"
6'	13fc	14'-10"
8'	7.3fc	19'-8"
10'	4.7fc	24'-7"
12'	3.2fc	29'-6"

Zonal Lumen Summary

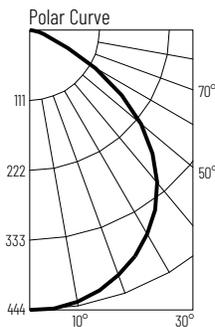
Zone	Lumens	% Luminaire
0-30	361	33.2
0-40	588	54.1
0-60	976	89.8
0-90	1087	100
90-180	0	0
0-180	1087	100

Candela Table

Vertical Angles	Candela
0	467
5	465
15	449
25	417
35	367
45	291

Test Information

Test Number: NTR2567R1
 Part Number: NLBCB2-651TWWW/10
 Beam Spread: 101° Wide Flood
 Lumens: 1028lm
 Wattage: 13.2W
 Efficacy: 78lpw
 CCT / CRI: 5000K / 90 CRI
 Spacing Criteria (0°-180°): 1.26
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	27.7fc	9'-10"
6'	12.3fc	14'-8"
8'	6.9fc	19'-7"
10'	4.4fc	24'-6"
12'	3.1fc	29'-5"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	284	27.6
0-40	470	45.7
0-60	906	88.1
0-90	1028	100
90-180	0	0
0-180	1028	100

Candela Table

Vertical Angles	Candela
0	444
5	441
15	426
25	395
35	348
45	277

RENE EW39506-UNV

WALL

PROJECT



EW39506-BK-UNV

Black

SPECIFICATION DETAILS

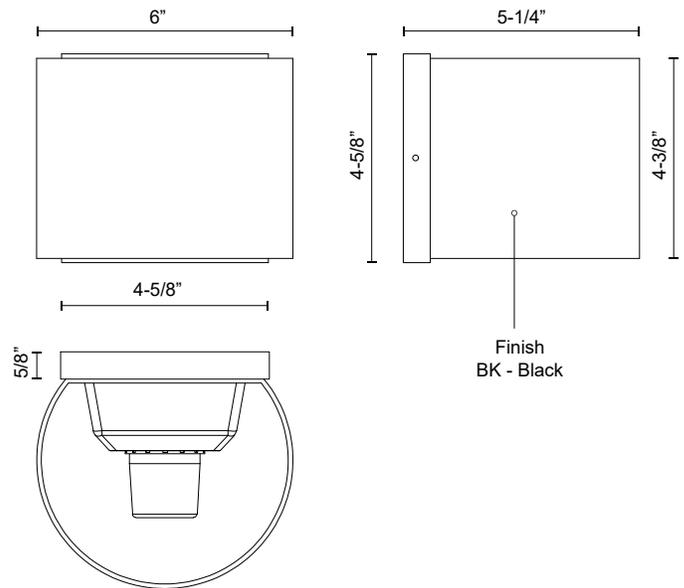
Fixture Dimensions	W6" x H4-3/8" x E5-1/4"
Light Source	LED with DC Driver
Wattage	11W
Total Lumens	930lm
Delivered Lumens	604lm
Voltage	120-277V
Color Temperature	3000K
CRI (Ra)	90CRI
Optional Color Temps	2700K - 5000K Available, Minimum Order Quantities Apply
LED Rated Life	50,000 hours
Dimming	100% - 10%, TRIAC or ELV Dimmer (Not Included)
Location	Wet, IP65
Illumination Direction	Up/Down
Mounting Style	Up or Down
Canopy Dimensions	L4-5/8" x H4-5/8" x E5/8"
Paint Finish	BK02

* For custom options, consult factory for details.

* For warranty information, please visit www.kuzcolighting.com/warranty

DESCRIPTION

The Rene Collection is the soft spoken exterior wall fixture you've been looking for. Make a striking statement with the angular, square variation, or choose a softer feel with the curved option. Both offer an excellent balance between architectural and decorative with their stark black cast-aluminum bodies.



KUZCO

CANADA: 19054 28TH AVENUE - SURREY, BC V3Z 6M3

USA: 3035 E. LONE MOUNTAIN ROAD - LAS VEGAS, NV 89081

WWW.KUZCOLIGHTING.COM

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COMMENT