



PROPERTY INFORMATION	
PARCEL:	169-22-018
OWNERSHIP:	LYONS RICHARD T
PROPERTY ADDRESS:	6043 N 42ND ST PARADISE VALLEY 85253
LOT SIZE:	49.245
ZONING:	R-43
MCR:	70-02
S/T/R:	7 2N 4E
SUBDIVISION:	CAMELBACK FOOTHILLS
LOT:	23

BBB **A+** Rating

GENERAL ROOF 159441 (B)
POOL ROOF 282578 (B-C)
CALIFORNIA ROOF 975740

CREATIVE ENVIRONMENTS
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Lyons Residence
6043 NORTH 42ND STREET
PARADISE VALLEY, AZ 85253
CAMELBACK FOOTHILLS, LOT 23
APN: 169-22-018

FOR CONSTRUCTION ONLY - 06/02/2025

BACKYARD

PLANT SCHEDULE			
SYMBOL	COMMON / BOTANICAL NAME	SIZE	QTY
SHRUBS	BAJA RUELLIA	5 GAL	2
	RUELLIA PENINSULARIS	5 GAL	27
	CORAL FOUNTAIN GRASS	5 GAL	27
	RUSSELLIA EQUISETIIFORMIS	5 GAL	27
CACTI	GOLDEN BARREL CACTUS	10"-12"	5
	ECHINOCACTUS GRUSONII	10"-12"	5
GROUNDCOVERS	PURPLE LANTANA	5 GAL	19
	LANTANA MONTEVIDENSIS 'PURPLE'	5 GAL	19
SUCCULENTS	BLUE AGAVE	5 GAL	4
	AGAVE TEQUILIANA	5 GAL	4
	BLUE ELF ALOE	5 GAL	22
	ALOE X 'BLUE ELF'	5 GAL	22
	ELEPHANT FOOD	5 GAL	13
	PORTULACARIA AFRA	5 GAL	13

LAWN & TURF	
SYMBOL NAME	QUANTITY / SIZE
ARTIFICIAL TURF	1,338 SQFT
TURF AREA FOR INSTALL	1,158 SQFT
TURF WASTE FOR CUTS	180 SQFT
SIZE / COLOR: 96 OZ / SUMMER GOLD	
BANDING STRIPS	9 SQFT
NOTE: SPRINKLERS NOT INCLUDED (OPTIONAL)	
NO WARRANTY AGAINST SUN BURN AND OTHER EXTERIOR DAMAGE	

IRRIGATION	
SYMBOL NAME	QUANTITY / SIZE
DRIP LINE	1/2" BLACK POLY 500 L'
DRIP VALVES	3 TOTAL
150 MAX EMITTERS PER VALVE	
VALVE BOX (COLOR: TAN)	1 TOTAL
FOR SHRUBS	
FOR SUCCULENTS	
FOR CACTI	
BUG EMITTERS	2 GHR 92 TOTAL
NOTE: 1 GAL, 5 GAL, 7 GAL GET (1) EMITTER EA	
INSTALL @ UPHILL SIDE OF PLANT MATERIAL	
TIMER	EXISTING 1 TOTAL
P.V.B.	EXISTING 1 TOTAL
EXISTING VALVES / TIMER / PVB MAY AFFECT WARRANTY	

DRAINAGE & SLEEVING	
SYMBOL NAME	QUANTITY / SIZE
DS1 SLEEVING	2" SCH 40 82 L'
DS2 DRAIN BOX	12"x12" COLOR: TAN 8 TOTAL
DS3 DRAINAGE PIPE	4" CORRUGATED 124 L'
DS4 DECK-O-DRAIN	COLOR: TAN 81 L' UNDER MOUNT

HARDSCAPE	
SYMBOL NAME	QUANTITY / SIZE
H1 GRANITE	793 SQFT 6 TONS
SIZE: 12" @ 2" DEPTH	
COLOR: MADISON GOLD	
TYPE: WASHED	
W/ PRE-EMERGENT	
EXCAVATION NOT INCLUDED	
APPLY DELIVERY FEE IF LESS THAN 10 TONS	
H2 BEACH PEBBLE	210 SQFT
LOCATION: RAISED PLANTERS	
SIZE: 1" - 3"	
COLOR: BLACK MEXICAN PEBBLE UNPOLISHED	

SITE WORK	
SYMBOL NAME	QUANTITY / SIZE
1 SOIL KILL & REMOVAL	925 SQFT
REQUIRES HAUL AWAY	
2 CURB REMOVAL	75 L'
REQUIRES HAUL AWAY	
3 CONCRETE REMOVAL	2,100 SQFT
SAW CUT REQUIRED	
REQUIRES HAUL AWAY	
4 WALL REMOVAL	200 L'
REQUIRES HAUL AWAY	
5 STAIR REMOVAL	50 SQFT
REQUIRES HAUL AWAY	
6 SALT TILLO TILE CHIP-OUT & REMOVAL	500 SQFT
REQUIRES HAUL AWAY	
7 SITE DEBRIS CLEAN UP & HAUL AWAY	1,500 SQFT
8 GRANITE COLLECTION & RESPREAD	1,500 SQFT
COLLECTION REQUIRES STAGING AREA	
9 GRANITE COLLECTION & HAUL AWAY	1,500 SQFT
REQUIRES HAUL AWAY	
10 GRADING	3,000 SQFT
DIRT TO HAUL AWAY	
11 FINE GRADING	3,000 SQFT
DIRT TO REMAIN ON-SITE	
12 PLANT REMOVALS	12 TOTAL
SMALL SHRUBS	
MEDIUM SHRUBS	15 TOTAL
EXCAVATION REQUIRES HAUL AWAY	
13 POOL & SPA REMOVAL & BACKFILL	
POOL SURFACE AREA	92 L'
POOL PERIMETER	4' AVG
POOL DEPTH	4' AVG
POOL INTERIOR SURFACE AREA	785 SQFT
TONNAGE FOR BACKFILL	93 TONS
SPA SURFACE AREA	34 SQFT
SPA PERIMETER	23 L'
SPA DEPTH	3' AVG
SPA INTERIOR SURFACE AREA	103 SQFT
TONNAGE FOR BACKFILL	6 TONS
REMOVE & HAUL OFF EXISTING PIE	
EXCAVATION REQUIRES HAUL AWAY	
14 FILL DIRT	80 TONS
NOTE: FILL BY C.E.	
FILL DIRT AREA	1,250 SQFT @ 6" DEPTH
15 GATE REMOVAL	2 TOTAL
REQUIRES HAUL AWAY	
16 STEP PAD REMOVAL	7 TOTAL
REQUIRES HAUL AWAY	
17 RAILING REMOVAL	70 L'
REQUIRES HAUL AWAY	
18 NEW CAP FOR EXISTING STEPS	27 SQFT
NEW CAP: TRAVERTINE	
SUPPLIER: QDI	
COLOR: NOCE	
SIZE / PATTERN: 12" x 24", END x END	

PAVERS	
SYMBOL NAME	QUANTITY / SIZE
P1 LIMESTONE PAVERS (OVERLAY)	1,334 SQFT
SUPPLIER: MONTERREY TILE	
COLOR: 'SABBIA'	
SIZE / PATTERN: (12" x 24") / ALT. RUNNING	
BOND:	
FINISH: TUMBLED	
PERIMETER CUTS	149 L'
W/ OUT BASE (INCLUDES SAND ONLY)	
PAVER DELIVERY FEE REQUIRED	
P2 LIMESTONE PAVERS	2,854 SQFT
STEP PADS	82 SQFT
SUN DECK	415 SQFT
FIRESIDE RETREAT	191 SQFT
POOL SIDE BAR	176 SQFT
OUTDOOR DINING	445 SQFT
STAIR LANDINGS	77 SQFT
VIEW DECK	741 SQFT
STEP PADS IN POOL	53 SQFT
MORNING TERRACE	542 SQFT
OUTDOOR KITCHEN	132 SQFT
SUPPLIER: MONTERREY TILE	
COLOR: 'SABBIA'	
SIZE / PATTERN: (12" x 24") / ALT. RUNNING	
BOND:	
FINISH: TUMBLED	
PERIMETER CUTS	650 L'
W/ OUT BASE (INCLUDES SAND ONLY)	
PAVER DELIVERY FEE REQUIRED	
P3 LIMESTONE PAVER COPING	109 SQFT
SIZE: (12" x 24") / END x END	
SUPPLIER: MONTERREY TILE	
COLOR: 'SABBIA'	
EDGE: NATURAL	
FINISH: TUMBLED	
GROUT COLOR: #980 - HAYSTACK	
APPLY DELIVERY FEE	

BORDER & CURBING	
SYMBOL NAME	QUANTITY / SIZE
B1 STEEL EDGING	99 L' @ 1/8" THICK x 4" H
FINISH: 'NATURAL'	

STRUCTURES	
SYMBOL NAME	QUANTITY / SIZE
ST1 RAMADA	32'-0" L x 20'-0" W x 10'-0" H
W/ 4" x 12" TUBE STEEL FASCIA	104 L'
BEAMS PER STRUCTURAL	
RAFTERS PER STRUCTURAL	
TONGUE & GROOVE CEILING	640 SQFT
CEILING STAIN: 'CLEAR'	
MASONRY DELIVERY FEE REQUIRED	
STRUCTURE ADDITIONS	
ELECTRICAL RUN (FROM BBQ)	20 L'
GFCI	1 TOTAL
MIST 360° CEILING FAN	2 TOTAL
COLOR: 'BLACK'	
(PROVIDE & INSTALL BY C.E.)	
RECESSED CAN LIGHTS: NDR	2 TOTAL
RZR-OCT-600-'BLACK'	10 TOTAL
LIGHT SWITCH	1 TOTAL
HEATER MULTI-GANG BOXES	5 TOTAL
INFRA-RED HEATERS (WDS224SS-DUAL ELEMENT STAINLESS STEEL)	4 TOTAL
W/ 4-RELAY UNIVERSAL PANEL 30-4074 (4-ZONES)	1 TOTAL
W/ RECESS HEATER KITS	
(PROVIDE & INSTALLED BY C.E.)	
220V ELECTRIC HEATER RUN (FROM N.E. CORNER HOUSE PANEL)	265 L'
VIEW DECK ADDITION	
VIEW DECK FLOORING	(SEE P1) 673 SQFT
W/ B-DECK	113 L' ⚠️
W/ WIRE CABLE RAILING	37 L' ⚠️
FLOATING STEEL STAIRS	48 L'
W/ 6" RISERS, 1" TREADS	
FLOATING STEEL STAIR CAPS: LIMESTONE	90 L'
GFCI OUTLET W/ 5 L' OF ELECTRICAL RUN PER GFCI	26 SQFT
LOW VOLTAGE WIRE	350 L' @ 12-2 G
TOTAL WATT LOAD	59.0 WATTS

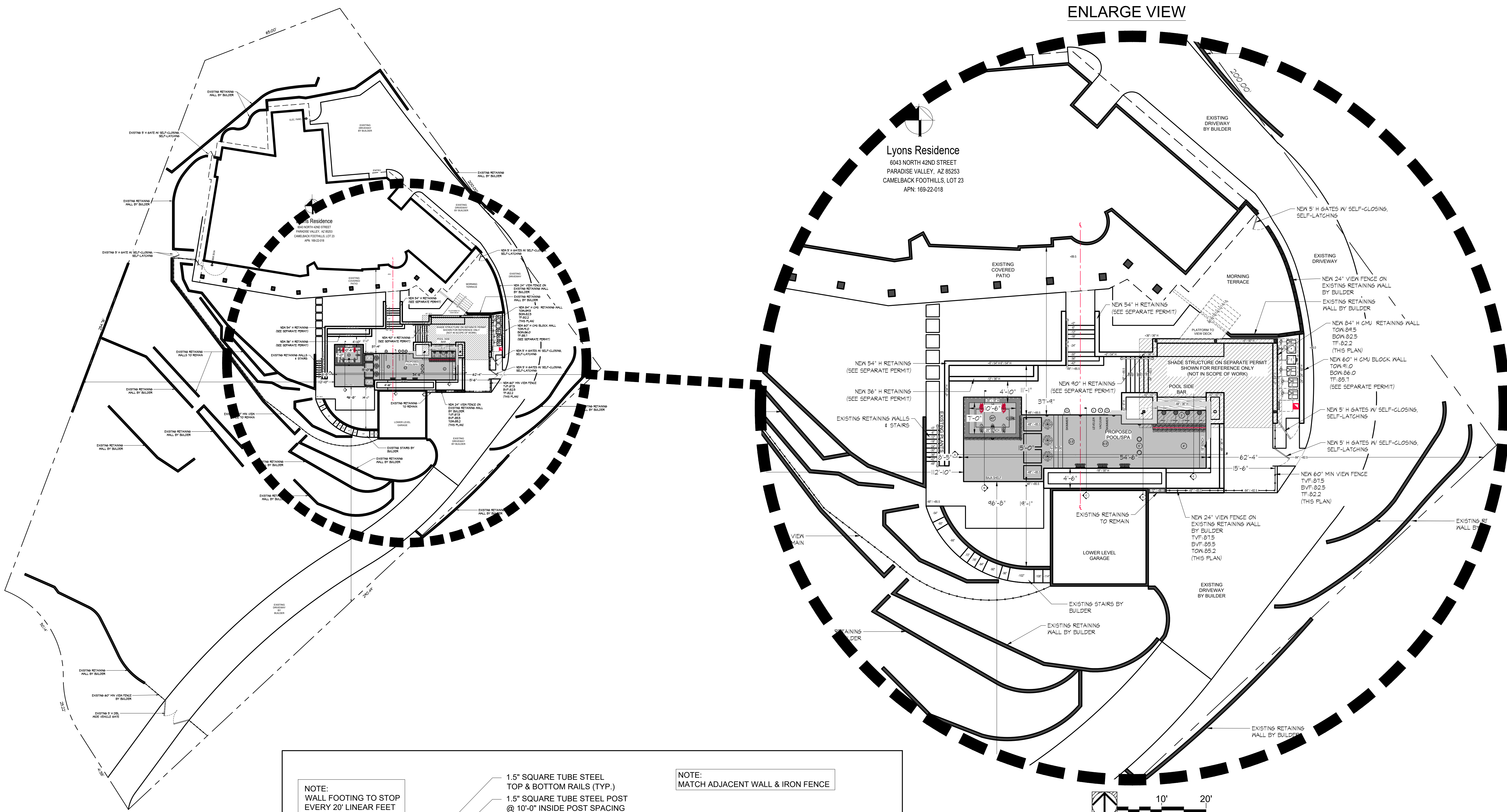
MASONRY	
SYMBOL NAME	QUANTITY / SIZE
M1 FREESTANDING WALL	18 L' @ 84" H
MASONRY TYPE: STRAIGHT ONLY	
STUCCO & PAINT: TO MATCH HOUSE	224 SQFT
PAINT COLOR: 'COLOR MATCH'	
CAP: LIMESTONE PAVER	18 L'
COLOR: 'SABBIA'	
SIZE / PATTERN: (12" x 24") / END x END	
MASONRY DELIVERY FEE REQUIRED	
M2 RETAINING WALLS	133 L' @ VARIED
RETAINING WALL	78 L' @ 54" H
RETAINING WALL	18 L' @ 60" H
RETAINING WALL	37 L' @ 90" H
MASONRY TYPE: STRAIGHT	
STUCCO & PAINT: TO MATCH HOUSE	719 SQFT
PAINT COLOR: 'COLOR MATCH'	
CAP: LIMESTONE PAVER	133 L'
COLOR: 'SABBIA'	
SIZE / PATTERN: (12" x 24") / END x END	
W/ TV SURFACE MOUNT - NO NICHE (TV AND INSTALL BY HV)	2 TOTAL
GFCI	2 TOTAL
CABLE/SATELLITE BOX	2 TOTAL
ELECTRICAL RUN (FROM P/E)	55 L'
MASONRY DELIVERY FEE REQUIRED	
TAR BACK MASONRY	
MASONRY DELIVERY FEE REQUIRED	
M3 RAISED PLANTER WALLS	90 L' @ VARIED
RETAINING WALL	29 L' @ 6" H
RETAINING WALL	38 L' @ 36" H
RETAINING WALL	23 L' @ 42" H
MASONRY TYPE: STRAIGHT	
VENEER: SPLIT-FACE STONE	230 SQFT
SUPPLIER: MSI	
COLOR: 'PHILADELPHIA'	
SIZE / PATTERN: 3 PC RANDOM	
VENEER CORNERS	48 L'
CAP: LIMESTONE PAVER	90 L'
SUPPLIER: MONTERREY TILE	
COLOR: 'SABBIA'	
SIZE / PATTERN: (12" x 24") / END x END	
TAR BACK MASONRY	
MASONRY DELIVERY FEE REQUIRED	
M4 STEPS	6" RISER, 1" TREAD 107 L'
MASONRY TYPE: STRAIGHT	
VENEER: TRAVERTINE PAVER	59 SQFT
SUPPLIER: MSI	
COLOR: 'WALNUT'	
SIZE: (12" x 24") (CUT TO SIZE)	
PATTERN: END x END	
CAP: LIMESTONE PAVER	93 SQFT
SUPPLIER: MONTERREY TILE	
COLOR: 'SABBIA'	
SIZE / PATTERN: (12" x 24") / END x END	
MASONRY DELIVERY FEE REQUIRED	

BACKYARD - CONTINUED

CUSTOM	
SYMBOL NAME	QUANTITY / SIZE
C1 METAL FIRE PIT (GAS)	8'-0" x 2'-6" x 18" H
TYPE: RECTANGULAR	
NOTE: TO BE BOLTED TO ROOFTOP DECK	
FIRE PIT BODY: ALUMINUM TUBE FRAME	27'-6"
FINISH: POWDERCOAT BLACK	
FIRE PIT TRAY: 1/4" STEEL PLATE	116 SQFT
FINISH: CERAKOTE 'BLACK'	
FIRE BAR	1 @ 72" L
HARD PIPE GAS INSTALLATION IN ROOF OF STRUCTURE BY C.E. (TEE FROM BBQ)	20 L'
W/ 8" x 8" ALUMINUM SUPPORT POSTS	
W/ 1/8" THICK SHEET PANEL BETWEEN POSTS	
W/ FIRE TRAY INSERT	1 TOTAL
LESS THAN 4" ACCESS REQUIRES HAND DIG	
INFLU LAVA ROCK	14 SQFT
MASONRY DELIVERY FEE REQUIRED	
C2 BBQ (GAS)	15'-0" L x 3'-0" W x 36" H
TYPE: STRAIGHT	
STUCCO & PAINT: TO MATCH HOUSE	102 SQFT
PAINT COLOR: 'COLOR MATCH'	
CAP: TRAVERTINE PAVER	50 SQFT
SUPPLIER: MSI	
COLOR: 'WALNUT'	
SIZE / PATTERN: (12" x 24") / ALT. RUNNING	
BOND	
GAS RUN (FROM P/E)	48 L'
MASONRY DELIVERY FEE REQUIRED	
BBQ ADDITIONS	
GFCI OUTLET (2 INSIDE, 2 ON ISLAND FACE)	4 EA
ELECTRIC RUN (FROM P/E)	53 L'
36" GRILL (COYOTE - C3SL36NG)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
20" ACCESS DOOR (COYOTE - C3-SA1420)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
31" ACCESS / DOUBLE DRAWER (COYOTE - C3-CD2DC31)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
18" PULL-OUT TRASH (COYOTE - C3-FBTRC)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
EQUIPMENT MUST BE ON SITE PRIOR TO CONSTRUCTION	
C3 SERVICE COUNTER	15'-0" L x 3'-0" W x 36" H
TYPE: STRAIGHT	
VENEER: 3PC RANDOM SPLIT-FACE STONE	60 SQFT
COLOR: 'PHILADELPHIA'	
SUPPLIER: MSI	
VENEER CORNERS	3 SQFT
CAP: TRAVERTINE PAVER	50 SQFT
SUPPLIER: MSI	
COLOR: 'WALNUT'	
SIZE / PATTERN: (12" x 24") / ALT. RUNNING	
BOND	
MASONRY DELIVERY FEE REQUIRED	
SERVICE COUNTER ADDITIONS	
GFCI OUTLET (2 INSIDE, 2 ON ISLAND FACE)	4 EA
ELECTRIC RUN (FROM P/E)	38 L'
17" ACCESS DOOR (COYOTE - C3-SA2417)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
24" BAR FRIDGE (COYOTE - C124R-S)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
BAR FRIDGE TO HAVE 1/4" STEEL PLATE TO SUPPORT COUNTER	
SINK & FAUCET (COYOTE - C3SINKF21)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
WATER RUN (FROM HOSE BIBB)	144 L'
SINK BACKWASH PIT	1 TOTAL
SINK DRAIN PIPE	20 L'
NOTE: HANDWASHING STATION ONLY. NOT SUITABLE FOR FOOD PREPARATION OR OTHER KITCHEN DEBRIS.	
18" DRAWER (COYOTE - C3-3DC)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
18" PULL-OUT TRASH (COYOTE - C3-FBTRC)	1 TOTAL
(PROVIDE & INSTALL BY C.E.)	
EQUIPMENT MUST BE ON SITE PRIOR TO CONSTRUCTION	

WATER FEATURE	
SYMBOL NAME	QUANTITY / SIZE
W1 RAISED PLANTER WITH W.F.	64'-0" L @ 15'-0" W
TYPE: RECTANGULAR	
RAISED PLANTER TOTAL LENGTH	64'-0"
ALUMINUM SCUPPER WATER FEATURE ALONG POOL EDGE:	
VENEER: 3PC RANDOM SPLIT-FACE STONE @ 42'-0" LENGTH ROUND PLANTER	116 SQFT
SUPPLIER: MSI	
COLOR: 'PHILADELPHIA'	
VENEER CORNERS	10 L'
CAP: TRAVERTINE PAVER	64 L'
SUPPLIER: MSI	
COLOR: 'WALNUT'	
SIZE / PATTERN: (12" x 24") / END x END	
USES POOL PUMP, LEVELER, & TIMER	
TIES INTO POOL PLUMBING	
VALVE BOX	1 TOTAL
W/ 3" H x 24" W ALUMINUM SCUPPERS 3 TOTAL	
PLUMBING RUN (FROM VALVE BOX(1) TO P/E)	73 L'
PLUMBING RUN FROM VALVE BOX(1) TO SCUPPERS	1/2" PVC @ 24 / 18 / 16 L'

PRELIMINARY POOL SPECS.	
SYMBOL NAME	QUANTITY / SIZE
PL1 POOL	54'-6" L x 15'-0" W
SURFACE AREA	647 SQFT
PERIMETER	147 L'
DEPTHS: (3.5', 4.5', 5', 4') 4.25' AVG	
INTERIOR AREA FOR INTERIOR FINISH	1,272 SQFT
INTERIOR AREA FOR SHOTCRETE	1,304 SQFT
ADDITIONAL SHOTCRETE (RAISED AREA)	144 SQFT
EXCAVATION TONNAGE	153 TONS
ADDITIONAL EXCAVATION TONNAGE (SUNKEN AREA)	127 TON
GALLONS	20,568 GALLONS
STEPS / BAJA SHELF	57 L'
PENTAIR COLOR MICROBRITE LIGHT	6 TOTAL
(1 RUN PER LIGHT TO P/E, MIN DEPTH 3")	
CLEANING SYSTEM: VACUUM PORT / P/3 IN-FLOOR	
IN-FLOOR ACTUATOR PLUMBING RUN	59 L'
SANITATION SYSTEM: IN-LINE CHLORINATOR HOME RUN	1" GRAY PVC @ 15' L' (@ LOCATION)
PLUMBING RUN	3" PVC @ 60' L'
(MAIN DRAIN TO P/E)	
PLUMBING RUN	2" PVC @ 69 / 60' L'
(SKIMMER) **OVER 500 SQFT REQUIRES 2ND**	
PLUMBING RUN	3/4" PVC @ 131 L'
(AUTOMATIC WATER LEVELER TO WATER SOURCE)	
PLUMBING RUN	2" PVC @ 62 L'
(VACUUM PORT TO P/E)	
WATERLINE TILE: GLASS TILE	100 SQFT
SUPPLIER: NOBLE	
COLOR / SIZE: BLEND SERIES 'GREY BLEND' (NNRB160) / (1" x 1")	
GROUT COLOR: 'STEEL BLUE'	
SPA INTERIOR: MINI PEBBLE 'MIDNIGHT'	
SUPPLIER: UNIVERSAL	
HEATER: PENTAIR 400K BTU NG	1 TOTAL
EXCAVATION ACCESS	OPEN
POOL PUMP: PENTAIR INTELLIFLO 3 VSF	4 TOTAL
POOL FILTER: PENTAIR S20 CARTRIDGE	1 TOTAL



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 PARADISE VALLEY 85253

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 MCR: 70-02
 S/T/R: 7 2N 4E
 SUBDIVISION: CAMELBACK FOOTHILLS
 LOT: 23

LOT SIZE: 49,245 sqft
 EXISTING PERVIOUS COVERAGE: 5,055 sqft or 10.2%
 IMPERVIOUS SURFACE: 13,854 sqft or 28%
 SIDEWALK/DRIVEWAY: 7,775 sqft
 POOL DECK: 540 sqft
 DRIP LINE: 5,451 sqft
 NEW PERVIOUS COVERAGE: 87 sqft or 0.1%
 MIN. OPEN & PERVIOUS: 38.3%

POOL/SPA LEGEND

POOL 54'-6" L x 15'-0" W
 SURFACE AREA 647 SQFT
 PERIMETER 147 L'
 GALLONS 20,568 GALLONS

RAISED SPA 10'-6" L x 7'-0" W @ 21" H
 TYPE: NEGATIVE EDGE
 SURFACE AREA 74 SQFT
 PERIMETER 35 L'

POOL BARRIER/WALL/HANDRAILS LEGEND

TUBULAR STEEL FENCE 62 L' @ 60" H
 TYPE: STRAIGHT
 PAINT: 'BLACK', LOW SHEEN

TUBULAR STEEL FENCE 13 L' @ 24" H
 TYPE: STRAIGHT
 PAINT: 'BLACK', LOW SHEEN

TUBULAR STEEL GATE 3 @ 4 L' @ 60" H
 TYPE: SINGLE
 SELF CLOSING SPRING 2 TOTAL

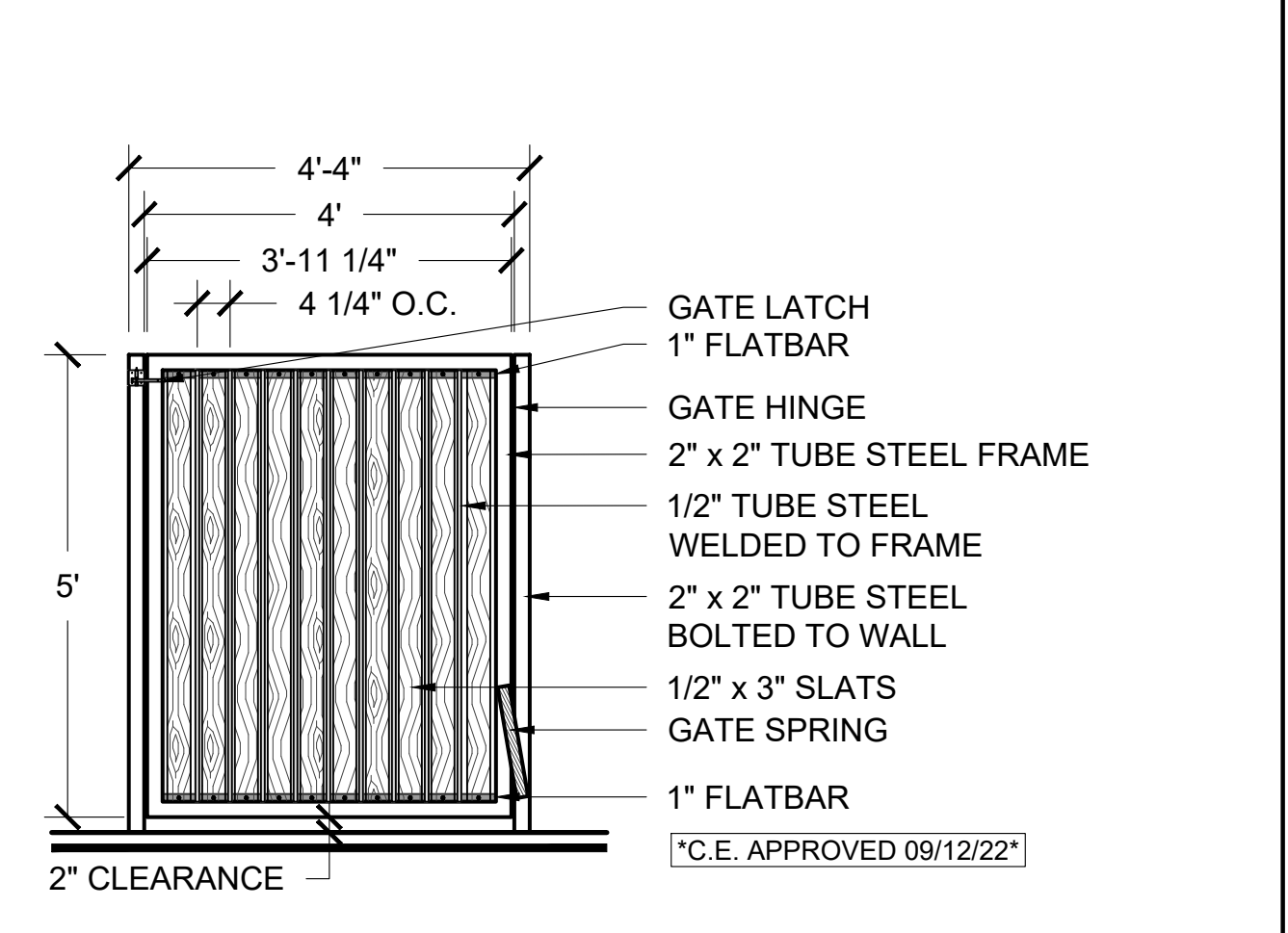
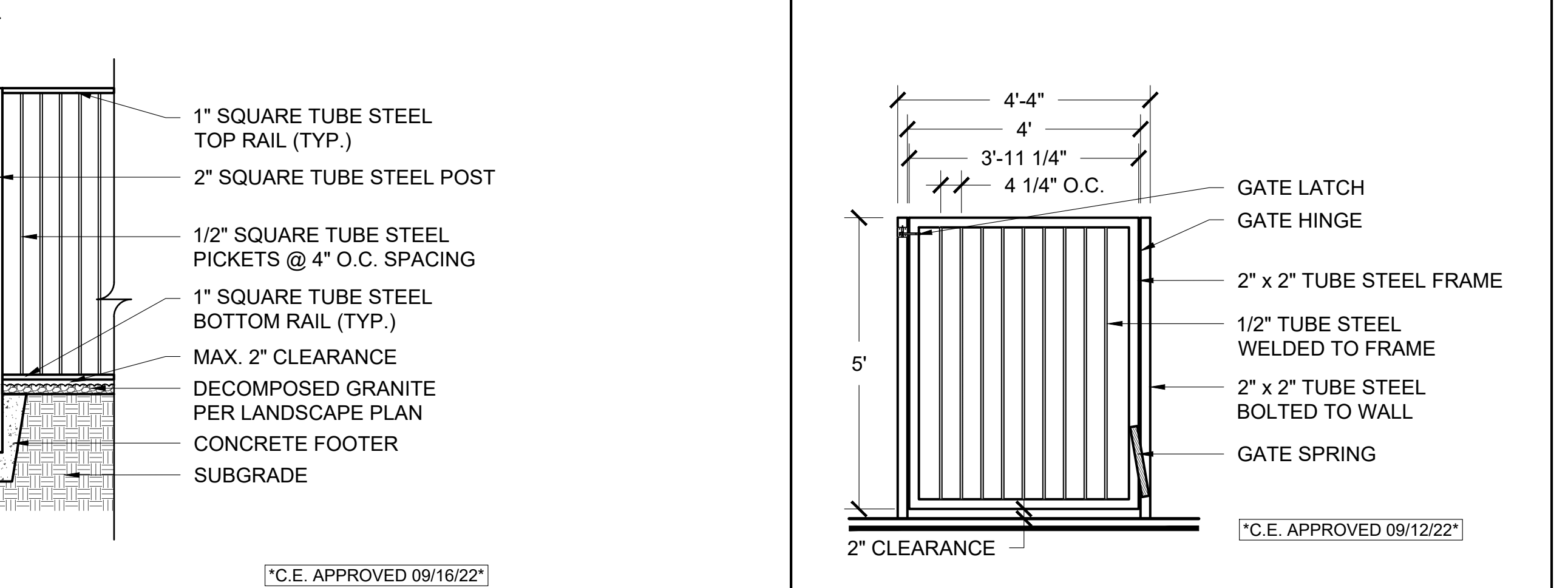
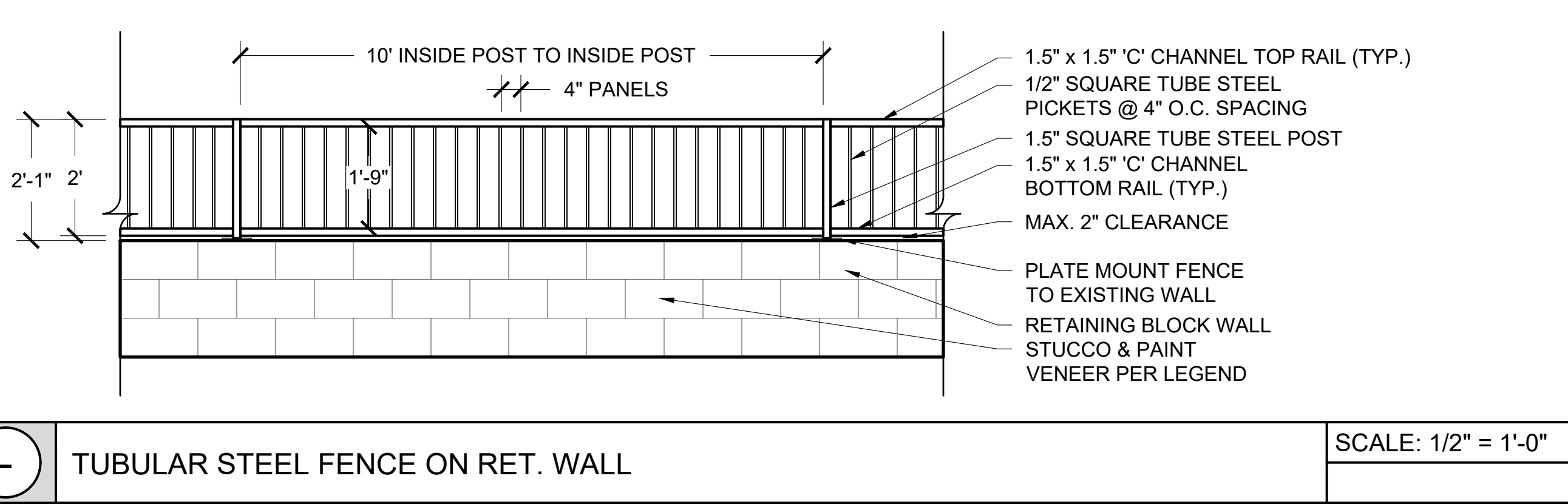
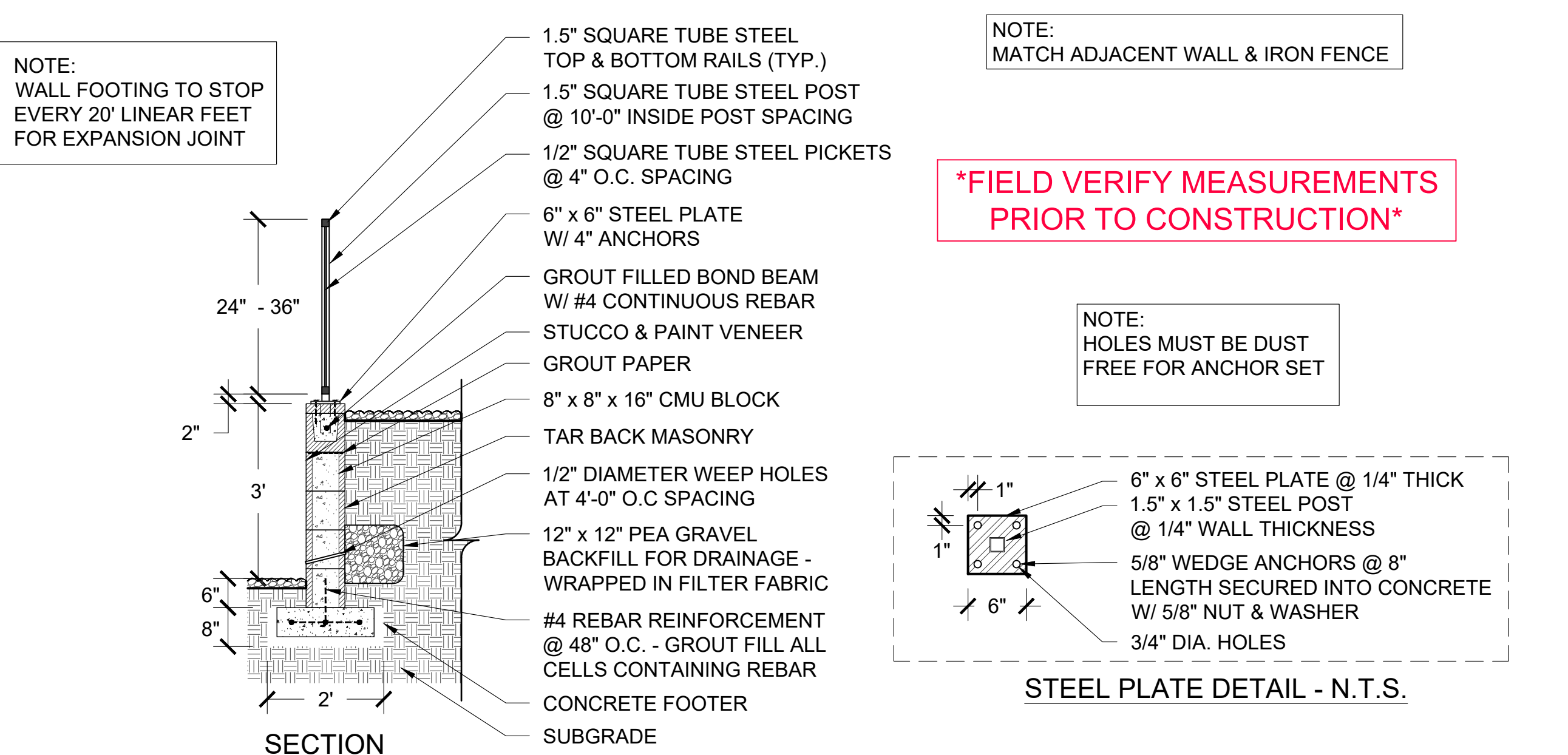
FREESTANDING WALL 18 L' @ 84" H
 MASONRY TYPE: STRAIGHT ONLY
 CAP: LIMESTONE PAVER 18 L'

TUBULAR STEEL HANDRAILS 4 TOTAL
 TYPE: SINGLE
 (PROVIDED & INSTALL BY C.E.)
 METAL PAINT: 'BLACK', LOW SHEEN
 1-1/2" x 1-1/2" TUBE STEEL HANDRAILS
 LENGTHS VARIES BELOW:
 W/ 1-1/2" x 1-1/2" x 4'-9" LONG 2 TOTAL
 W/ 1-1/2" x 1-1/2" x 6'-5" LONG 1 TOTAL
 W/ 1-1/2" x 1-1/2" x 8'-1" LONG 1 TOTAL

SCOPE OF WORK:

- NEW INGROUND POOL/SPA WITH ATTACHED SWIM-UP BAR.
- NEW POOL BARRIER/GATE.

ALL UTILITIES AND RETAINING WALL SUBMITTED UNDER SEPARATE PERMIT



SWIMMING POOLS, SPAS AND HOT TUBS

SWIMMING POOL is defined as any contained body of water 18 inches (457 mm) or more in depth at any point and that is wider than 8 feet (240 mm) at any point. This includes in-ground, above ground and on-ground swimming pools and hot tubs and spas.

BARRIER REQUIREMENTS

The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drownings and near drownings by restricting access to swimming pools, spas and hot tubs.

An outdoor swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be surrounded by a barrier which shall comply with the following:

- The top of the barrier shall be at least 40 inches (1024 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The top of the barrier that separates the swimming pool only from habitable space on the same property shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between the top of the barrier and the bottom of the barrier shall be 2 inches (51 mm). The maximum vertical clearance at the bottom of the barrier may be increased to 4 inches (102 mm) when grade is a solid surface such as concrete. The barrier shall be at least 20 inches from the water's edge.
- Openings in the barrier shall not allow passage of a 4 inch diameter (102 mm) sphere. Any decorative design work such as protrusions, indentations or cutouts which make the barrier easily climbable is prohibited.
- Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and needed masonry joints.
- There shall be at least 45" inches between horizontal elements.
- Maximum mesh size for chain link fences shall be 2 1/4" inch (57 mm) square unless the fence has slats fastened at the top or the bottom which reduce the openings to not more than 1 1/4" inches (44 mm). Chain link fencing shall not be less than 11 gauge.
- Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1 1/4" inches (44 mm).
- Access gates shall comply with the requirements of this section, Items 1 through 6, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool and shall be self-latching and have a self-latching device. Gates other than pedestrian access gates shall be lockable. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate, the release mechanism and opening shall comply with the following:
 - The release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate; and
 - The gate and barrier shall have no opening larger than 1/2 inch (13 mm) within 18 inches (457 mm) of the release mechanism.
- Where a wall of a dwelling serves as part of the barrier, one of the following conditions shall be met:
 - In lieu of the barrier between the dwelling and the swimming pool, the swimming pool shall be equipped with a powered safety cover in compliance with ASTM F1346 or;
 - Doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door is open. If present, any opening shall be listed in accordance with UL 2017. The audible alarm shall activate within 7 seconds and sound continuously for a minimum of 30 seconds after the door and/or its screen, if present, are opened and be capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touch pad or switch, to temporarily deactivate the alarm for a single opening. Deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or
 - Other means of protection, such as self-closing doors with self-latching devices, which are approved by the governing body, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by Items 8.1 or 8.2 described above. Self-closing and self-latching devices shall be installed on all doors with direct access to the pool area, with the release mechanism located a minimum of fifty-four inches above the floor.
- Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps:
 - The ladder or steps shall be capable of being secured, locked or removed to prevent access; or
 - The ladder or steps shall be surrounded by a barrier which meets the requirements of this section, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4 inch diameter (102 mm) sphere.
- Pet doors which provide direct access to the pool area are prohibited unless they meet the requirements of Item 2 or are equipped with an alarm that meets Item 8.2.
- All other openable windows with similar access will also be equipped with a latching device not less than 54 inches (1372 mm) above the floor or shall be equipped with key lock device that prevents opening the window more than 4 inches (102 mm).

Walls surrounding an indoor swimming pool shall comply with Item 8.

Barriers shall be located to prohibit permanent structures, equipment or similar objects from being used to climb them.

Spas or hot tubs with a safety cover which complies with ASTM F 1346 shall be exempt from the provisions of this section.

TUBULAR STEEL FENCE ON RET. WALL	SCALE: 1/2" = 1'-0"	TUBULAR STEEL GATE	SCALE: 1/2" = 1'-0"	TUBULAR STEEL GATE WITH SLATS	SCALE: 1/2" = 1'-0"	BLOCK WALL WITH PAVER CAP	SCALE: 1/2" = 1'-0"
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BBB A+ Rating

GENERAL ROOF 159441 (B)
 POOL ROOF 282576 (B-C)
 CALIFORNIA ROOF 575740

CREATIVE ENVIRONMENTS
 8620 SOUTH HARDY DRIVE
 TEMPE, ARIZONA 85284
 (480) 777-8305

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 3A,3A.04 ARCHITECTURE/INTERIOR/SCULPTURE/PAINTING/DESIGN/PLANTING/CONSTRUCTION

Lyons Residence
 6043 NORTH 42ND STREET
 PARADISE VALLEY, AZ 85253
 CAMELBACK FOOTHILLS, LOT 23
 APN: 169-22-018

FOR CONSTRUCTION ONLY - 06/02/2025

CONSTRUCTION ONLY

REVISIONS

NO.	DESCRIPTION	DATE

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DATE: 10/27/2025
 DESIGN: JW
 DRAFT: GT

SHEET NAME
HS-2

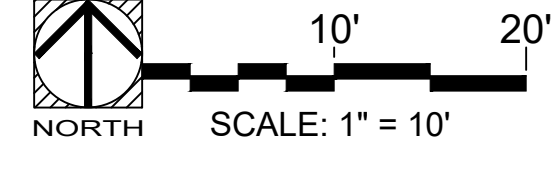
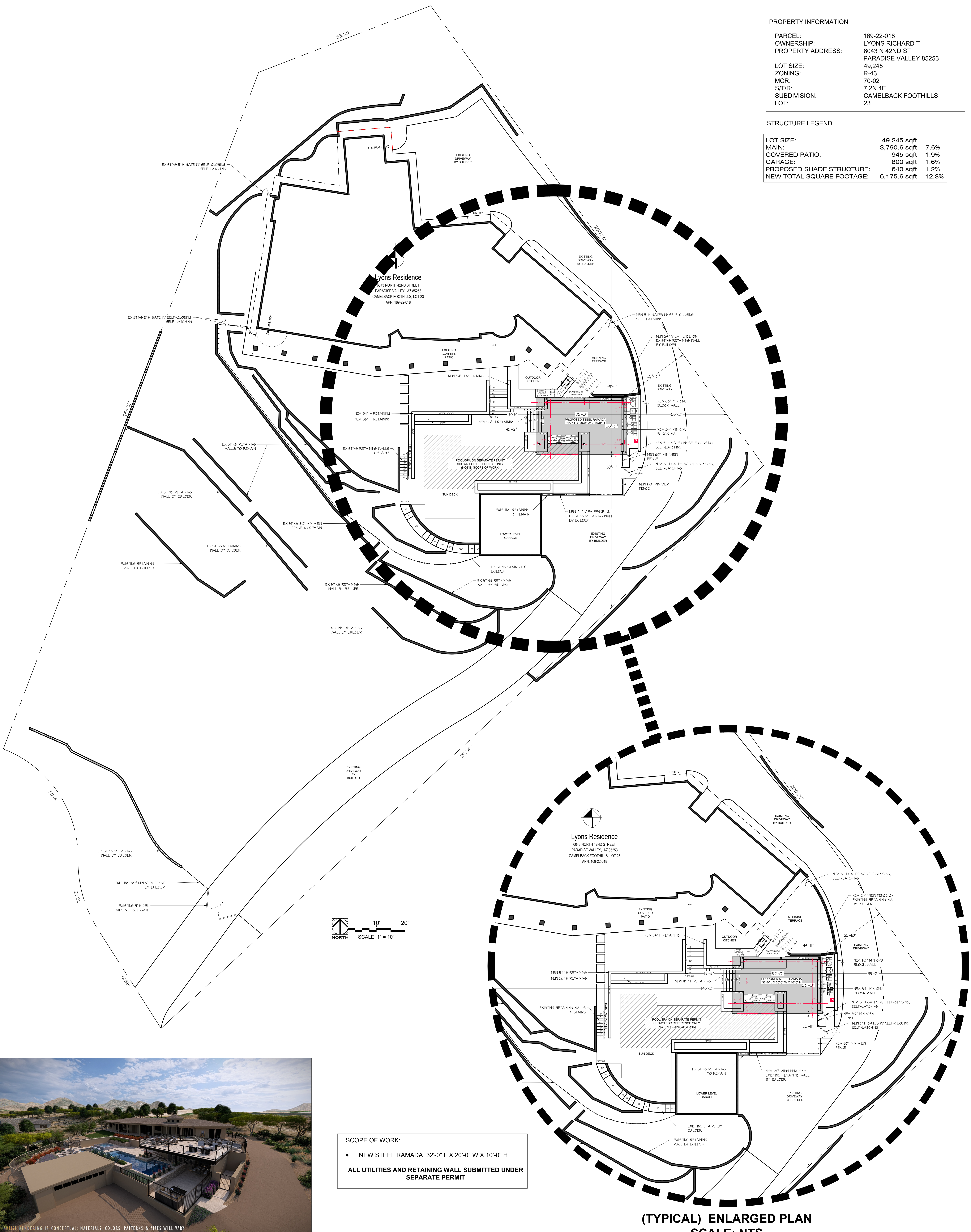
SHEET 02/06

PROPERTY INFORMATION

PARCEL: 169-22-018
 OWNERSHIP: LYONS RICHARD T
 PROPERTY ADDRESS: 6043 N 42ND ST
 PARADISE VALLEY 85253
 LOT SIZE: 49,245
 ZONING: R-43
 MCR: 70-02
 S/T/R: 7 2N 4E
 SUBDIVISION: CAMELBACK FOOTHILLS
 LOT: 23

STRUCTURE LEGEND

LOT SIZE:	49,245 sqft	
MAIN:	3,790.6 sqft	7.6%
COVERED PATIO:	945 sqft	1.9%
GARAGE:	800 sqft	1.6%
PROPOSED SHADE STRUCTURE:	640 sqft	1.2%
NEW TOTAL SQUARE FOOTAGE:	6,175.6 sqft	12.3%



SCOPE OF WORK:

- NEW STEEL RAMADA 32'-0" L X 20'-0" W X 10'-0" H

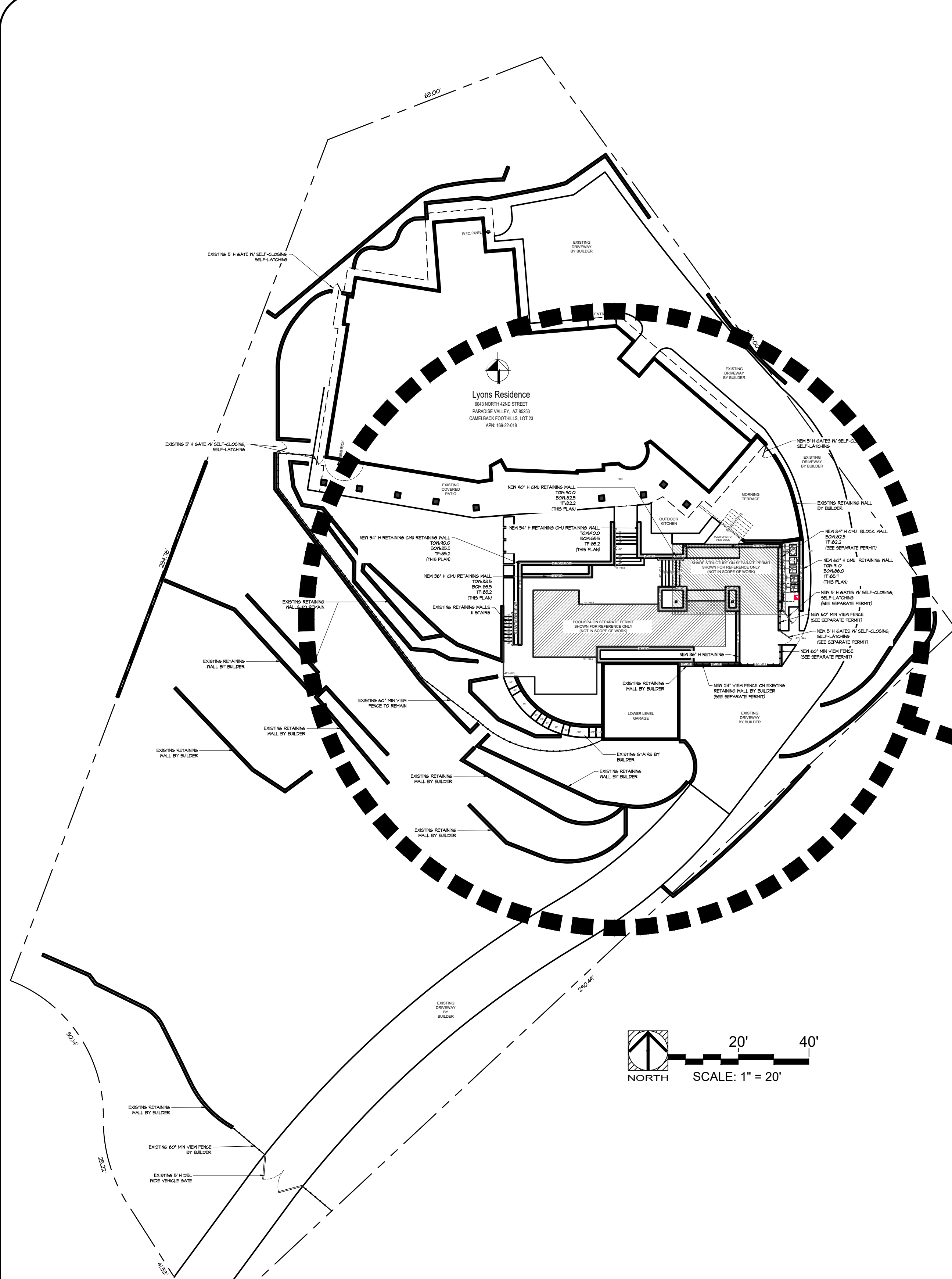
ALL UTILITIES AND RETAINING WALL SUBMITTED UNDER SEPARATE PERMIT



ARTIST RENDERING IS CONCEPTUAL. MATERIALS, COLORS, PATTERNS, & SIZES WILL VARY

(TYPICAL) ENLARGED PLAN
SCALE: NTS

<p>HS-3</p> <p>SHEET NAME</p> <p>SHEET 0002</p>	<p>DATE: 11/07/2025</p> <p>DESIGN: JW</p> <p>DRAWN: CT</p>	<p>CONSTRUCTION ONLY</p> <p>REVISIONS</p>	<p>Lyons Residence</p> <p>6043 NORTH 42ND STREET PARADISE VALLEY, AZ 85253 CAMELBACK FOOTHILLS, LOT 23 APN: 169-22-018</p>	<p>CREATIVE ENVIRONMENTS</p> <p>Design, Pool, Spa & Landscape</p> <p>1500 N. CENTRAL EXPRESSWAY, SUITE 100 PHOENIX, AZ 85004 (480) 777-8333</p>	<p>GENERAL CONTRACTOR: [REDACTED]</p> <p>PAINT CONTRACTOR: [REDACTED]</p> <p>CREATIVE ENVIRONMENTS</p> <p>DESIGN, POOL, SPA & LANDSCAPE</p> <p>1500 N. CENTRAL EXPRESSWAY, SUITE 100 PHOENIX, AZ 85004 (480) 777-8333</p>	<p>BBB</p> <p>A+ Rating</p>
	<p>FOR CONSTRUCTION ONLY - 06/02/2026</p>					



RETAINING WALL LEGEND

RETAINING WALLS	133 L' @ VARIED
RETAINING WALL	78 L' @ 54" H
RETAINING WALL	18 L' @ 60" H
RETAINING WALL	37 L' @ 90" H
MASONRY TYPE: STRAIGHT	
CAP: LIMESTONE PAVER	133 L'
RAISED PLANTER WALLS	90 L' @ VARIED
RETAINING WALL	29 L' @ 6" H
RETAINING WALL	38 L' @ 36" H
RETAINING WALL	23 L' @ 42" H
MASONRY TYPE: STRAIGHT	
CAP: LIMESTONE PAVER	90 L'

SCOPE OF WORK:

- NEW RETAINING WALLS & RAISED PLANTERS.

POOL, UTILITIES, FENCING AND RAMADA SUBMITTED UNDER SEPARATE PERMIT



PROPERTY INFORMATION

PARCEL: 169-22-018
 OWNERSHIP: LYONS RICHARD T
 PROPERTY ADDRESS: 6043 N 42ND ST
 PARADISE VALLEY 85253

LOT SIZE: 49,245
 ZONING: R-43
 MCR: 70-02
 S/T/R: 7 2N 4E
 SUBDIVISION: CAMELBACK FOOTHILLS
 LOT: 23

BBB ACCREDITED BUSINESS **A+ Rating**

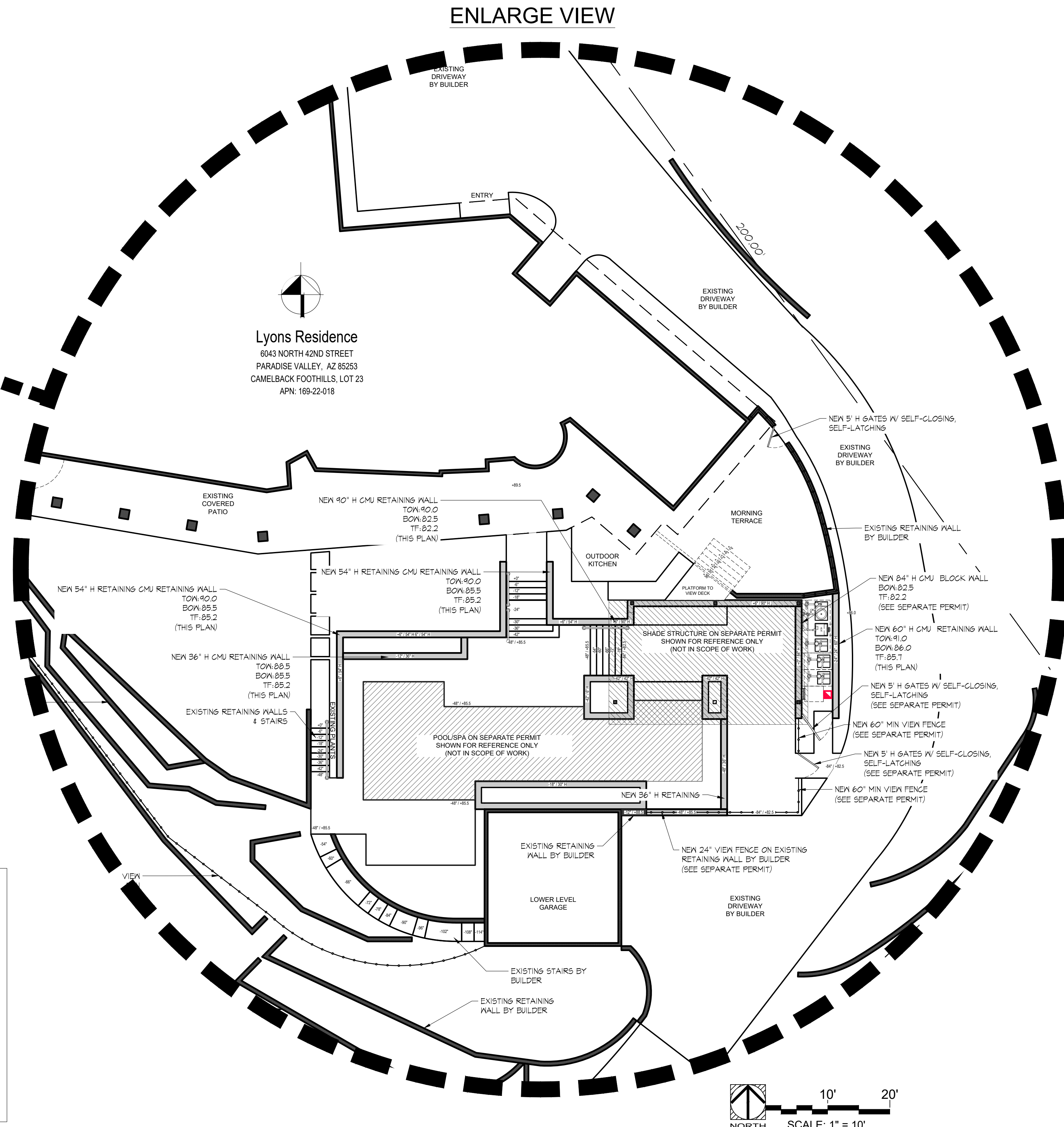
GENERAL ROC# 159441 (B)
 POOL ROC# 282578 (B-5)
 CALIFORNIA ROC# 975740

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 Design, Pool, Spa & Landscape

Lyons Residence
 6043 NORTH 42ND STREET
 PARADISE VALLEY, AZ 85253
 CAMELBACK FOOTHILLS, LOT 23
 APN: 169-22-018



CONSTRUCTION ONLY

REVISIONS

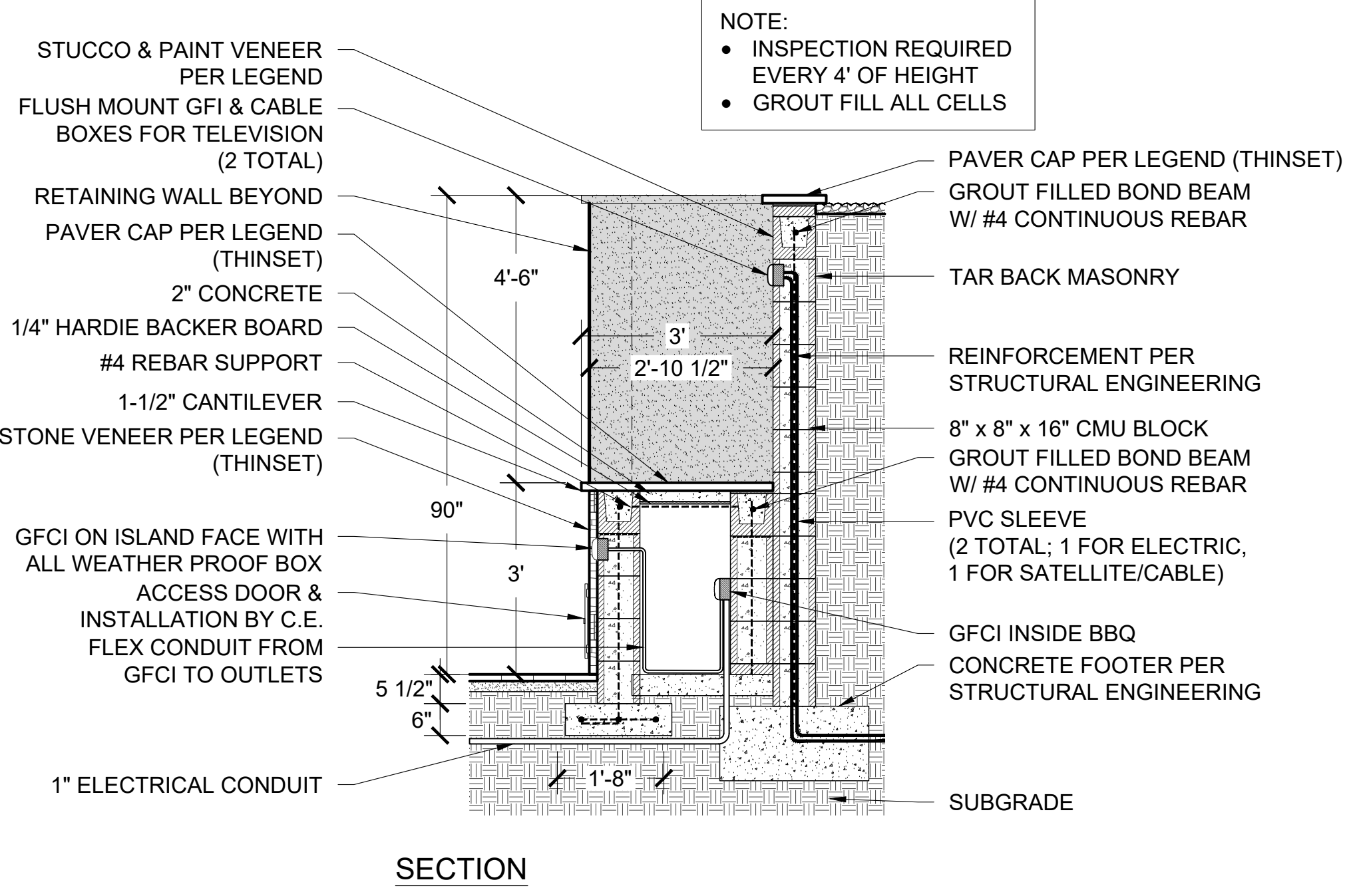
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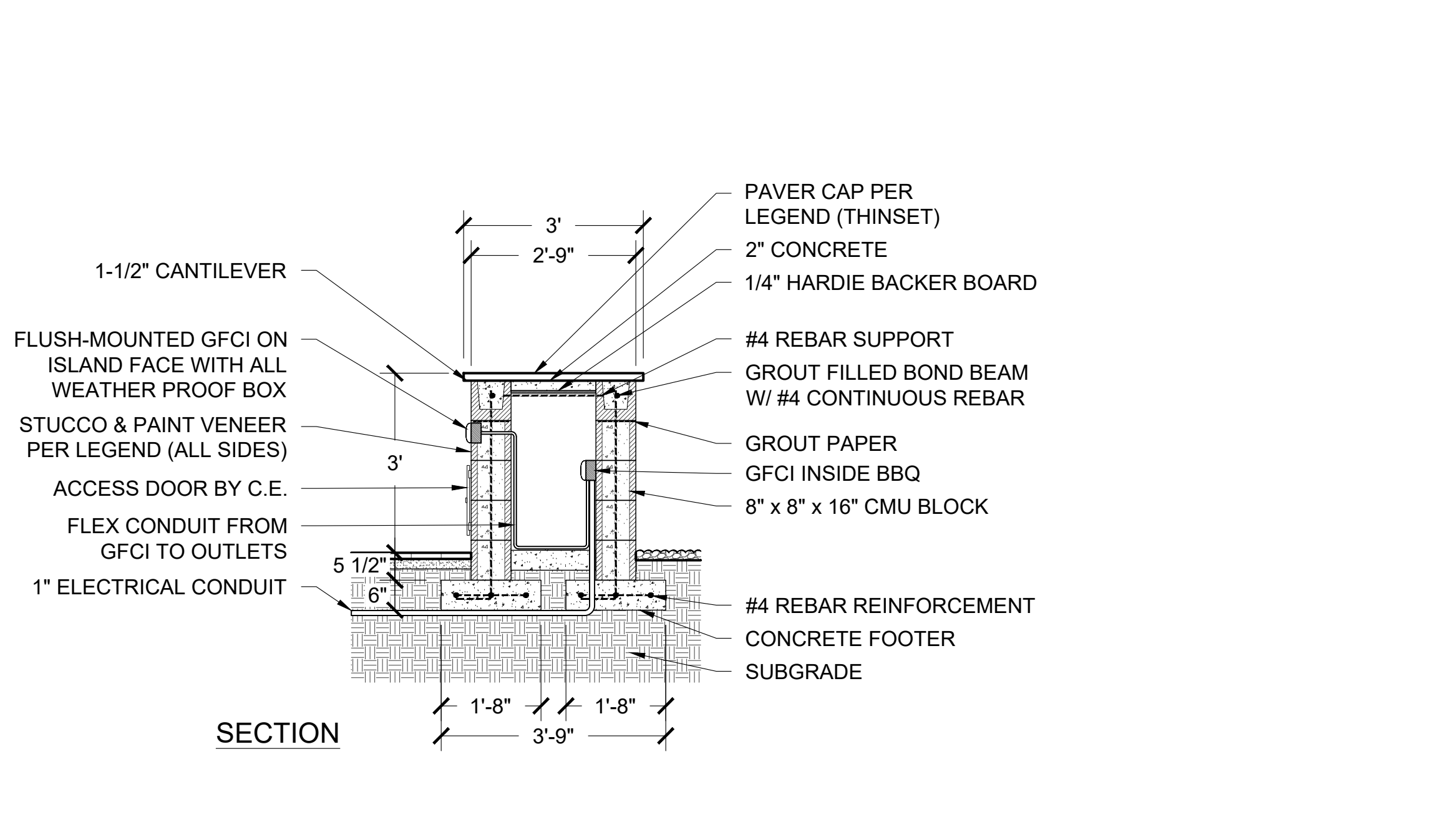
DATE: 10/27/2025
 DESIGN: JW
 DRAFT: CT

PLAN LAYOUT
HS-4
 SHEET XX/26

FOR CONSTRUCTION ONLY - 06/02/2026



C3 SERVING COUNTER UNDER VIEW DECK SCALE: 1/2" = 1'-0"



BBQ ISLAND/BEVERAGE STATION SCALE: 1/2" = 1'-0"

GAS PLUMBING MUST BE SUBMITTED SEPARATELY



PROPERTY INFORMATION

PARCEL:	169-22-018
OWNERSHIP:	LYONS RICHARD T
PROPERTY ADDRESS:	6043 N 42ND ST PARADISE VALLEY 85253
LOT SIZE:	49,245
ZONING:	R-43
MCR:	70-02
S/T/R:	7 2N 4E
SUBDIVISION:	CAMELBACK FOOTHILLS
LOT:	23

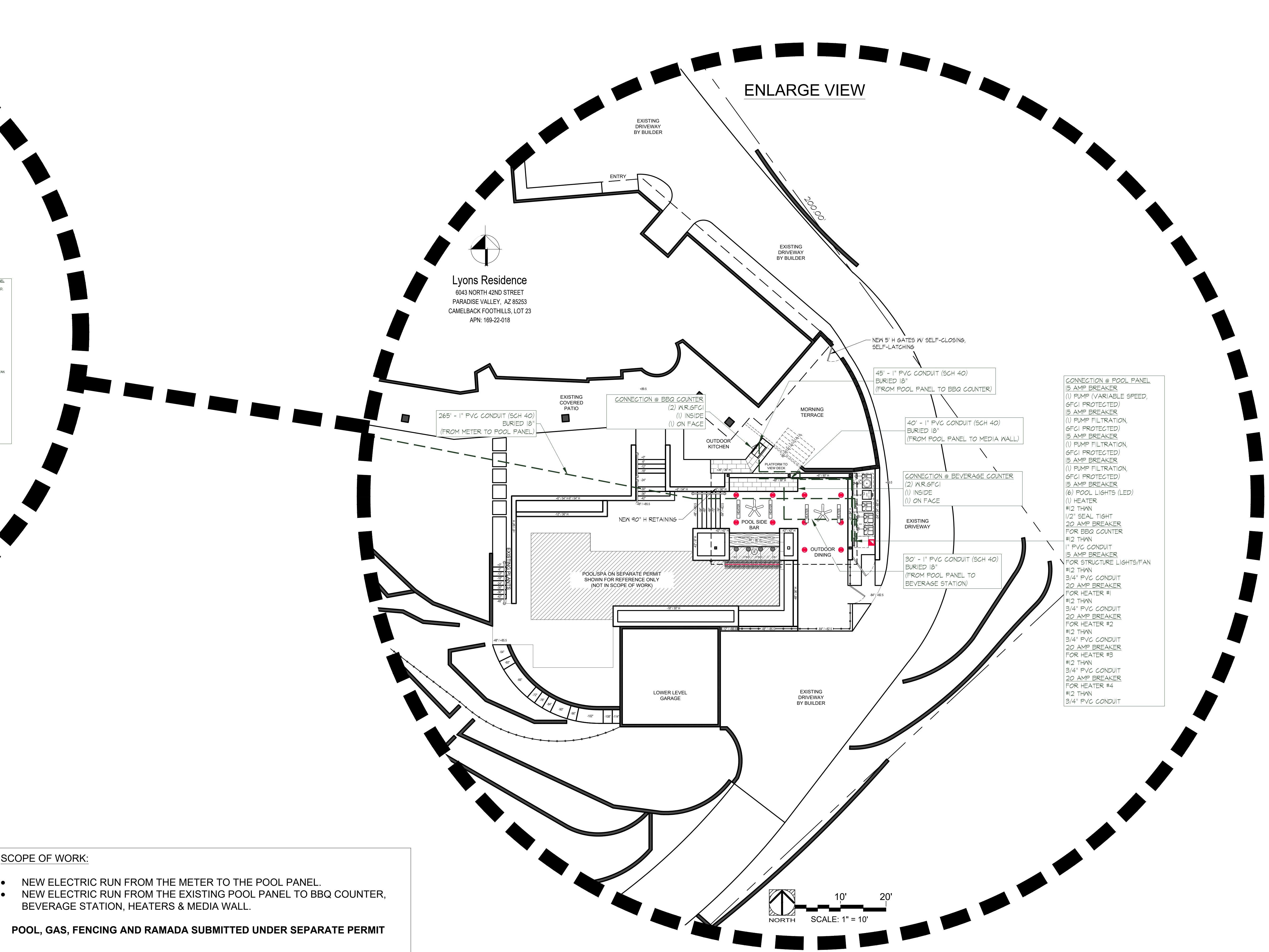
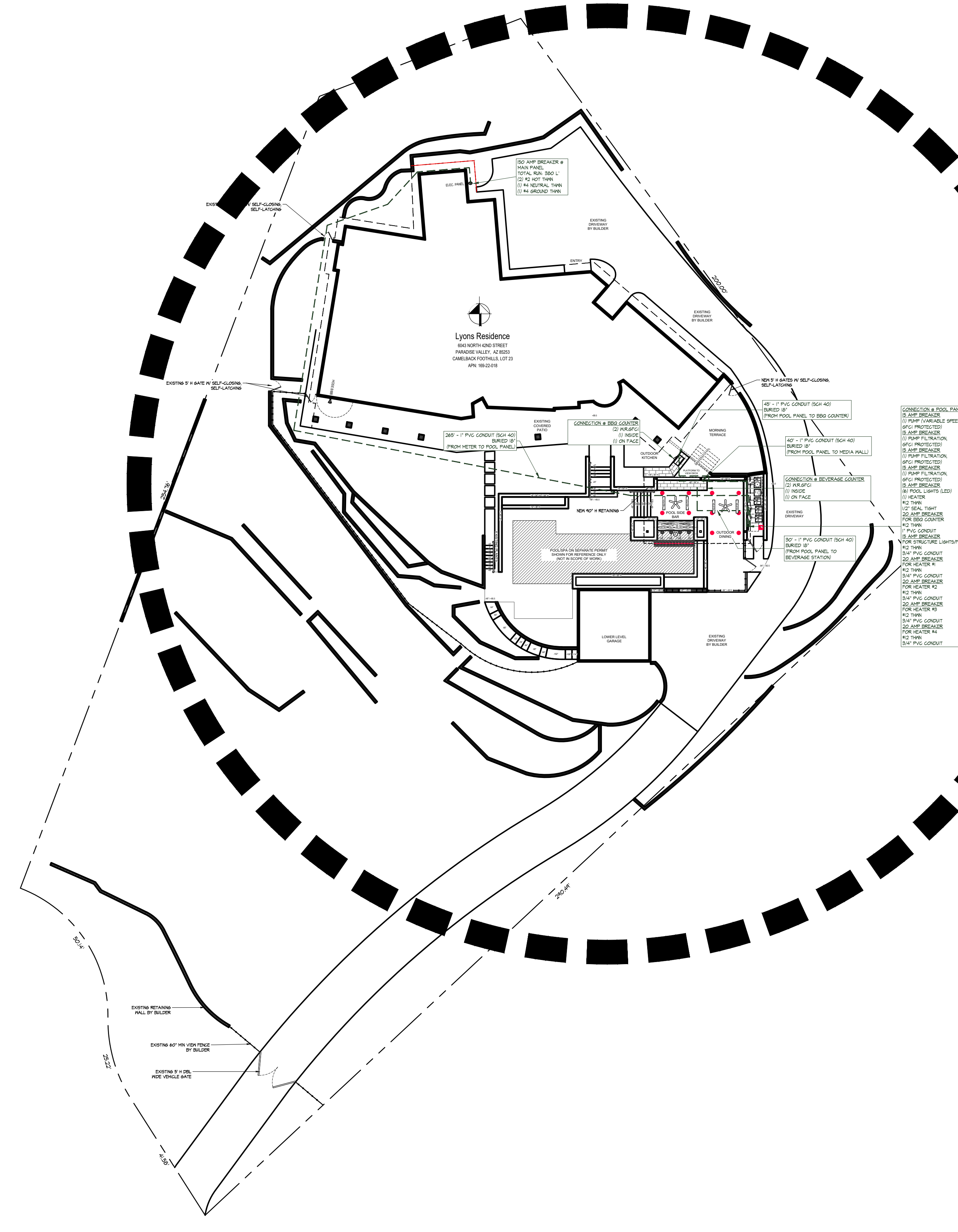
BBB A+ Rating

GENERAL ROOF 159441 (B)
POOL ROOF 282578 (B-S)
CALIFORNIA ROOF 975740

CREATIVE ENVIRONMENTS
8620 SOUTH HARDY DRIVE
TEMPE, ARIZONA 85284
(480) 777-8305

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134.000.0000 (PH) 134.000.0000 (FAX)

CREATIVE ENVIRONMENTS
Design, Fabrication & Construction



SCOPE OF WORK:

- NEW ELECTRIC RUN FROM THE METER TO THE POOL PANEL.
- NEW ELECTRIC RUN FROM THE EXISTING POOL PANEL TO BBQ COUNTER, BEVERAGE STATION, HEATERS & MEDIA WALL.

POOL, GAS, FENCING AND RAMADA SUBMITTED UNDER SEPARATE PERMIT

Lyons Residence
6043 NORTH 42ND STREET
PARADISE VALLEY, AZ 85253
CAMELBACK FOOTHILLS, LOT 23
APN: 169-22-018

CONSTRUCTION ONLY

NO.	DATE	DESCRIPTION

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DATE: 10/27/2025
DESIGN: JW
DRAFT: CT

SHEET NAME
HS-5
SHEET 0006

Lyons Exterior Colors

6043 N. 42nd Street, Paradise valley, AZ 85253

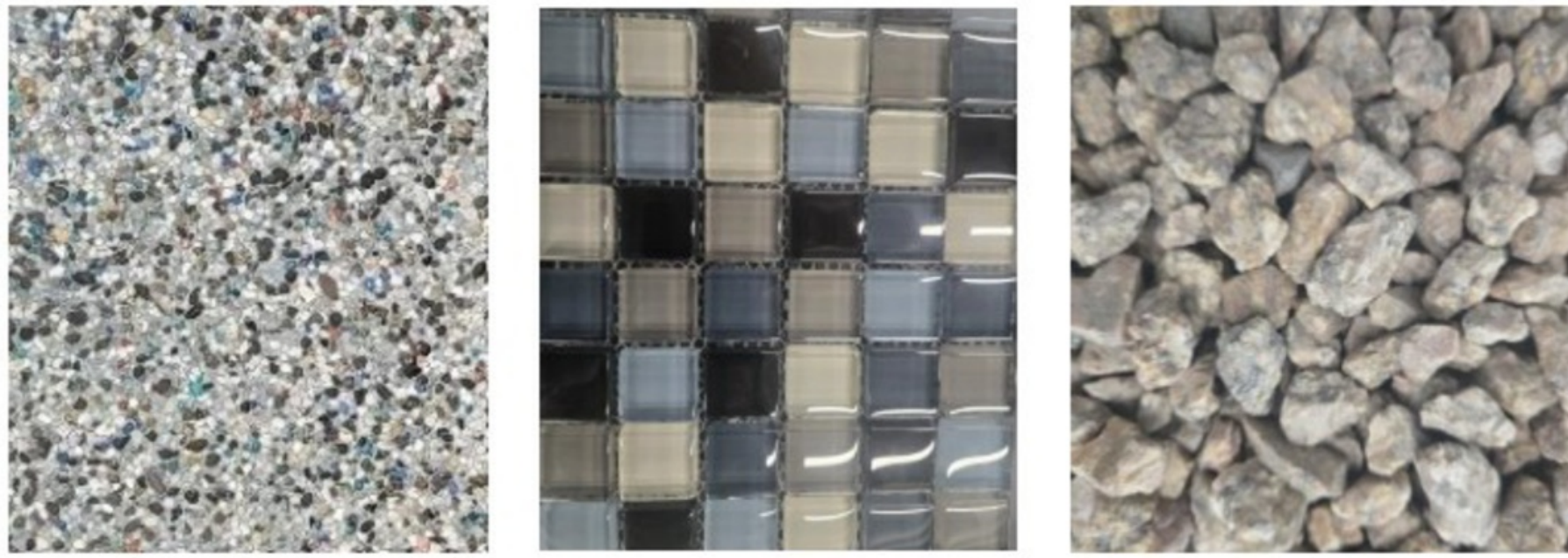
Actual colors may appear differently in natural light and at installation



Sand Finish Stucco walls SW7658 'Neutral Ground'
 Ramada, Scuppers and Fire Pit 'Black'
 Ramada Ceiling Tongue and Groove Pine 'Clear Stain'
 Stainless Steel Railing with black Posts



Decking, Coping and BBQ Countertop 'Sabbia' 12"x24"
 Select retaining, planter and water feature 'Philadelphia' 3-piece random Split face Travertine
 Artificial turf 'Summer Gold' 96 oz'
 Mexican Beach Pebbles in Planters Black 1"-3"



Mini Pebble - Pool interior 'Midnight'
 1" x 1" Pool Water Line Tile 'NNRB 160-Gray Blend'
 Granite Cover 'Madison Gold' 1/2" screened



ARTIST RENDERING IS CONCEPTUAL. MATERIALS, COLORS, PATTERNS & SIZES WILL VARY



ARTIST RENDERING IS CONCEPTUAL. MATERIALS, COLORS, PATTERNS & SIZES WILL VARY

STRUCTURE LIGHTS - RZR-OCT-600-BLACK
 1000 OR 750 LUMENS
 3000 KELVIN
 (10) TOTAL

PROPERTY INFORMATION

PARCEL: 169-22-018
 OWNERSHIP: LYONS RICHARD T
 PROPERTY ADDRESS: 6043 N 42ND ST
 PARADISE VALLEY 85253
 49,245
 ZONING: R-43
 MCR: 70-02
 S/T/R: 7 2N 4E
 SUBDIVISION: CAMELBACK FOOTHILLS
 LOT: 23

BBB A+ Rating
 GENERAL ROOF 159441 (B)
 POOL ROOF 282576 (B-3)
 CALIFORNIA ROOF 975740
 CREATIVE ENVIRONMENTS
 8620 SOUTH HARDY DRIVE
 TEMPE, ARIZONA 85284
 (480) 777-8305
 WWW.CREATIVEENVIRONMENTS.COM
 18A DULCE AVENUE, IRVING, CA 92614
 (951) 251-1000
 Design, Fabrication & Installation

NDR LIGHTING SPECIFICATION SHEETS RZR-CCT-600

3K - 4K - 5K SELECTABLE COLOR TEMPERATURE DOWNLIGHT

NAME	TYPE	DATE	NOTES

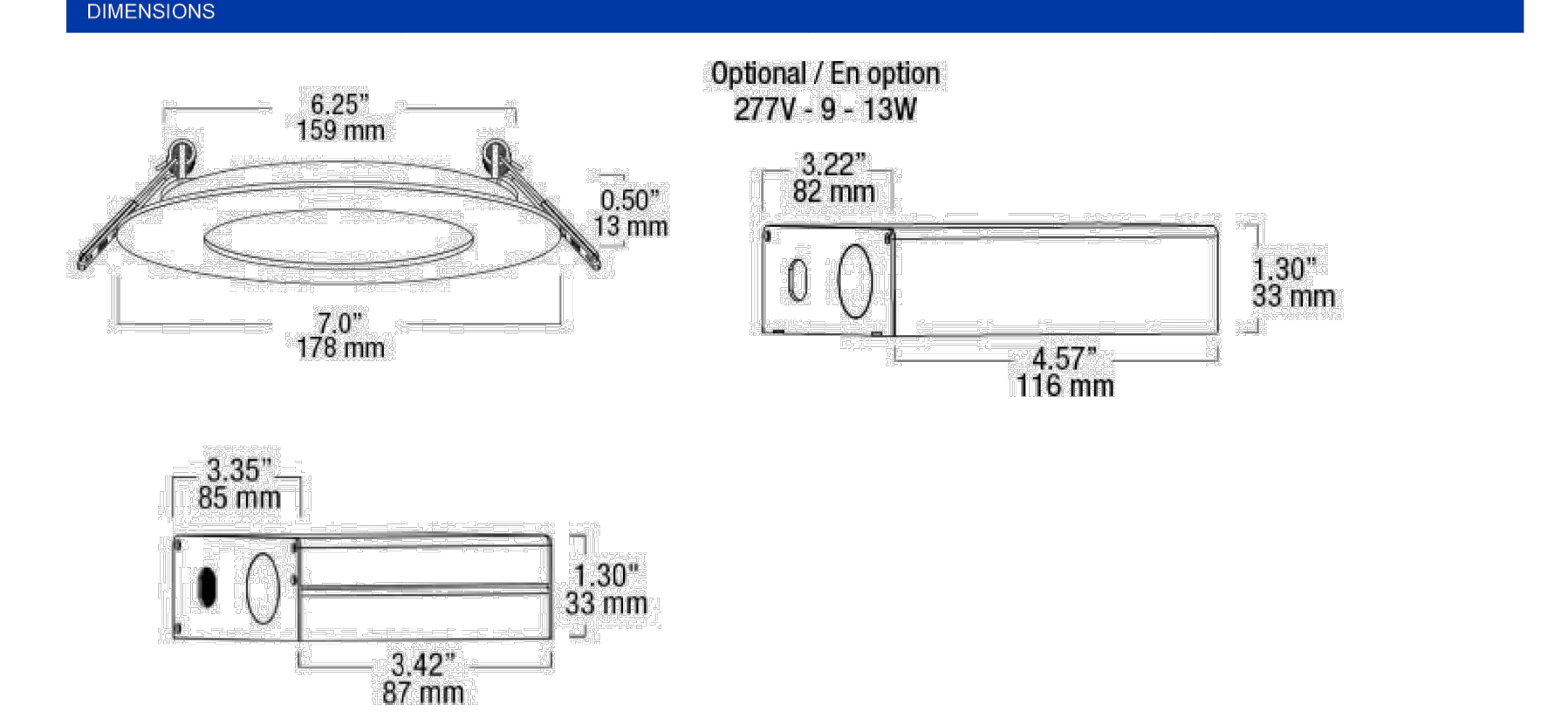
SPECIFICATIONS	
LIGHT UNIT:	Aluminum Die cast with powder paint coat preventing discoloring and rusting.
INSTALLATION:	Ideal for shallow ceiling installations with no housing required. Steel spring clip for easy installation and suitable in 5-grid and drop ceiling applications.
WIRING:	Plenum rated cable used to connect light unit and junction box.
JUNCTION BOX:	Aluminum extrusion, with full 1/2" knockouts on each side and the end of the junction box. Wiring compartment allows for (6) 12 gauge (AWG) or (8) 14 gauge (AWG) insulated conductors. Connection to one (1) downstream unit is permitted within the junction box compartment. The compartment satisfies junction box volume requirements of CSA C22.2 No. 250.0UL, 1598.
OPTICS:	EDGE-4 LED technology uses light guided plate to distribute light. A polycarbonate lens is used to provide even illumination throughout the installation. The recessed design offers an anti-glare feature.
ELECTRICAL & PHASE CONTROL:	Easily connected to a 120V power supply via provided UL recognized driver. Dimming down to 10% with most standard LED dimmers (see list of approved dimmers). Ambient operating temperature: -40°C (-40°F) to +40°C (+104°F). IC, WET Location and AIR-TIGHT rated. Phase Control: Forward Phase. Certifications: This product is ETL listed in USA & Canada, certified to UL standard 1598 and CSA standard C22.2 No. 250.0-08.

APPLICATIONS	
	This latest CCT (Correlated Color Temperature) technology is offered in a low-profile design. It features (3) color temperatures 3K, 4K & 5K to select from. The color temperature selector is located on the light unit, which allows for color selection to be made at final install stage. It allows installation in almost any location, even directly under a ceiling joint. Whether Remodel or New Construction installation, this unit is well suited for indoor / outdoor residential, hospitality, commercial and multifamily applications.

1 855 739 8228 | www.adrlighting.com

NDR LIGHTING SPECIFICATION SHEETS RZR-CCT-600

3K - 4K - 5K SELECTABLE COLOR TEMPERATURE DOWNLIGHT



1 855 739 8228 | www.adrlighting.com

STEP LIGHTS - MODEL FX-LF-1-LED-FB
 95 LUMENS
 2700 KELVIN
 (21) TOTAL

PATH LIGHTS - MODEL FX-MPZ-1-LED-FB
 43 LUMENS
 2700 KELVIN
 (10) TOTAL

FXLuminaire LF LED Wall Light DESIGNER PREMIUM

PROJECT: _____
 CATALOG # _____
 TYPE _____
 NOTES _____

The LF is our LED under-the-cap hardcap wall light. It can easily be fitted between a block wall and capstone for a neat, clean installation. Due to its modular bracket design, the LF can even be installed under railings and existing construction.

Quick Facts

- Die-cast brass housing
- Natural, powder coated, or antiqued brass finishes
- Lumileds® integrated LEDs
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V

LANDSCAPE AND ARCHITECTURAL LIGHTING | Learn more. Visit: fx.com | +1 760 744-5240

1 of 6 | Generated 2 Jun 2026 17:34:33

FXLuminaire M-PZ Path Light DESIGNER PLUS

PROJECT: _____
 CATALOG # _____
 TYPE _____
 NOTES _____

Engineered with highly durable die-cast aluminum, the versatile M-PZ path light is a perfect addition to modern lighting designs.

Quick Facts

- Tamper-resistant features
- Die-cast aluminum
- Two-layer marine-grade anodization and powder coat finish
- Creel® integrated LEDs
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15 V

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1 of 6 | Generated 2 Jun 2026 17:36:00

NDR LIGHTING SPECIFICATION SHEETS RZR-CCT-600

3K - 4K - 5K SELECTABLE COLOR TEMPERATURE DOWNLIGHT

ACCESSORIES	
MOUNTING PLATE Versatile square mounting plate allows for installation of all models of ndr lighting recessed lighting products. Refer to our mounting plate compatibility chart to ensure the proper mounting plate is selected.	RAZOR CABLES These connecting cables are for use with the ndr lighting razor series. These cables allow for greater flexibility in designing custom layout needs.
REMODEL VAPOUR BARRIER The remodel vapour barrier may be used with all ndr lighting remodel housings. It is designed to prevent air leakage from your living space into the attic, or any unsealed spaces.	ADJUSTABLE MOUNTING PLATE Versatile adjustable mounting plate allows for installation of all models of ndr lighting recessed lighting products. Refer to our mounting plate compatibility chart to ensure the proper mounting plate is selected.
VAPOUR BARRIER The vapour barrier unit may be used with all ndr lighting recessed lighting products. It is designed to prevent air leakage from your living space into the attic, or any unsealed spaces.	GOOF RINGS This goof ring is used when the ceiling hole is wider than the retrofit light unit being installed. Refer to our goof ring compatibility chart to ensure the proper goof ring is selected.
UNIVERSAL MOUNTING PLATE WITH ADJUSTABLE HANGER BARS This multi-size adjustable mounting plate allows for installation of all models of ndr lighting recessed lighting products. Refer to our mounting plate compatibility chart to ensure the proper mounting plate is selected.	

RATINGS	
AIRTIGHT RATED	DIMMABLE
IC RATED	WET LOCATIONS

ORDERING GUIDE		
RAZOR 600 CCT SERIES		
Series	Color Temperature	Finish
RZR-CCT-600	3000K-4000K-5000K/RCRU13W	WH White
	3000K-4000K-5000K/RCRU13W	BLK Black
	3000K-4000K-5000K/RCRU13W	BRZ Bronze
	3000K-4000K-5000K/RCRU13W	SC Satin Chrome

Notes: Configure product using **BOLD** options. Ex: **RZR-CCT-600-WH**

1 855 739 8228 | www.adrlighting.com

NDR LIGHTING SPECIFICATION SHEETS RZR-CCT-600

3K - 4K - 5K SELECTABLE COLOR TEMPERATURE DOWNLIGHT

For 120-277V, (0-10v Dim) Application:

Series	Multi-Volt Description	0-10V dimming
RZR-277V-913W	120-277V Driver	0-10V dimming

Notes: Order Driver Model above: (sold separately)

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CONSTRUCTION ONLY

REVISIONS	
NO.	DESCRIPTION

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DATE: 10/27/2025
 DESIGNER: JW
 DRAFTER: CT

SHEET NAME: HS-7
 SHEET: 0006