



EXPIRES 4/1/18

PROJECT ADDRESS

6033 NORTH 43RD ST
PARADISE VALLEY, AZ
85253

OWNER / PROJECT

**JONES
RESIDENCE**

**EXTERIOR
IMPROVMENTS**

REVISIONS

#	DATE	DESCRIPTION

BUILDING DATA

OWNER:	WILLIAM JONES	
BUILDING ADDRESS:	6033 NORTH 43RD ST PARADISE VALLEY, AZ 85253	
TELEPHONE:	480.390.1044	
BUILDING CODES:	2015 IRC	2015 IECC
	2015 IMC	2015 IFGC
	2015 IPC	2014 NEC
	2010 ADAAG	2015 IFC
OCCUPANCY:	R-3	
CONST. TYPE:	V-B	
ZONING:	R-43	
PARCEL:	169-22-031	
LOT NUMBER:	17	
SUBDIVISION:	CAMELBACK FOOTHILLS 2	
SITE AREA:	39,392 SQ. FT. / 0.40 ACRE	
LOT COVERAGE:	11.73%	
BUILDING AREA:	EXISTING LIVABLE	2314 SF
	MAIN LEVEL	484 SF
	LOWER LEVEL	537 SF
	EXISTING GARAGE	1146 SF
	EXISTING COVERED PATIO	51 SF
	EXISTING MECHANICAL	4532 SF
	TOTAL	
	NEW GARAGE ADDED AREA	88 SF
	NEW TOTAL + EXIST	4620 SF
EXTERIOR AREA:	EXISTING HARDSCAPE	2080 SF
	*ADDED HARDSCAPE AREA	(-170) SF
	TOTAL	1910 SF
	EXISTING DECK AREA	833 SF
	ADDED DECK AREA	51 SF
	TOTAL	4532 SF
	*NEW HARDSCAPE FORM SQ CORNERS & REMODEL	170 SF
	NEW TURF AREA	340 SF
	NEW HARDSCAPED AREA	(-170) SF

RETAINING WALLS

MAX RETAINING WALL LENGTH	117 LF
MAX VISIBLE RETAINING WALL	94 LF
MAX RETAINING WALL HEIGHT	6'-10"

BUILDING PAD SLOPE

VERT 13'-0" / HORIZONTAL 107'-0" = 12.15% (ROUND UP 13%)

ALLOWABLE DISTURBED AREA

PER TABLE 1 ZO-XXII-16	42.81%
SITE AREA = 39,392 SF x .4281	16,864 SF
LESS SF PENALTY FOR CONCRETE & ASPHALT	(-1,494) SF
TOTAL ALLOWABLE	15,370 SF

EXISTING DISTURBED AREA	7,549 SF
ADDED DISTURBED AREA	3,446 SF
NEW DISTURBED AREA TOTAL	10,995 SF

BUILDING HEIGHT

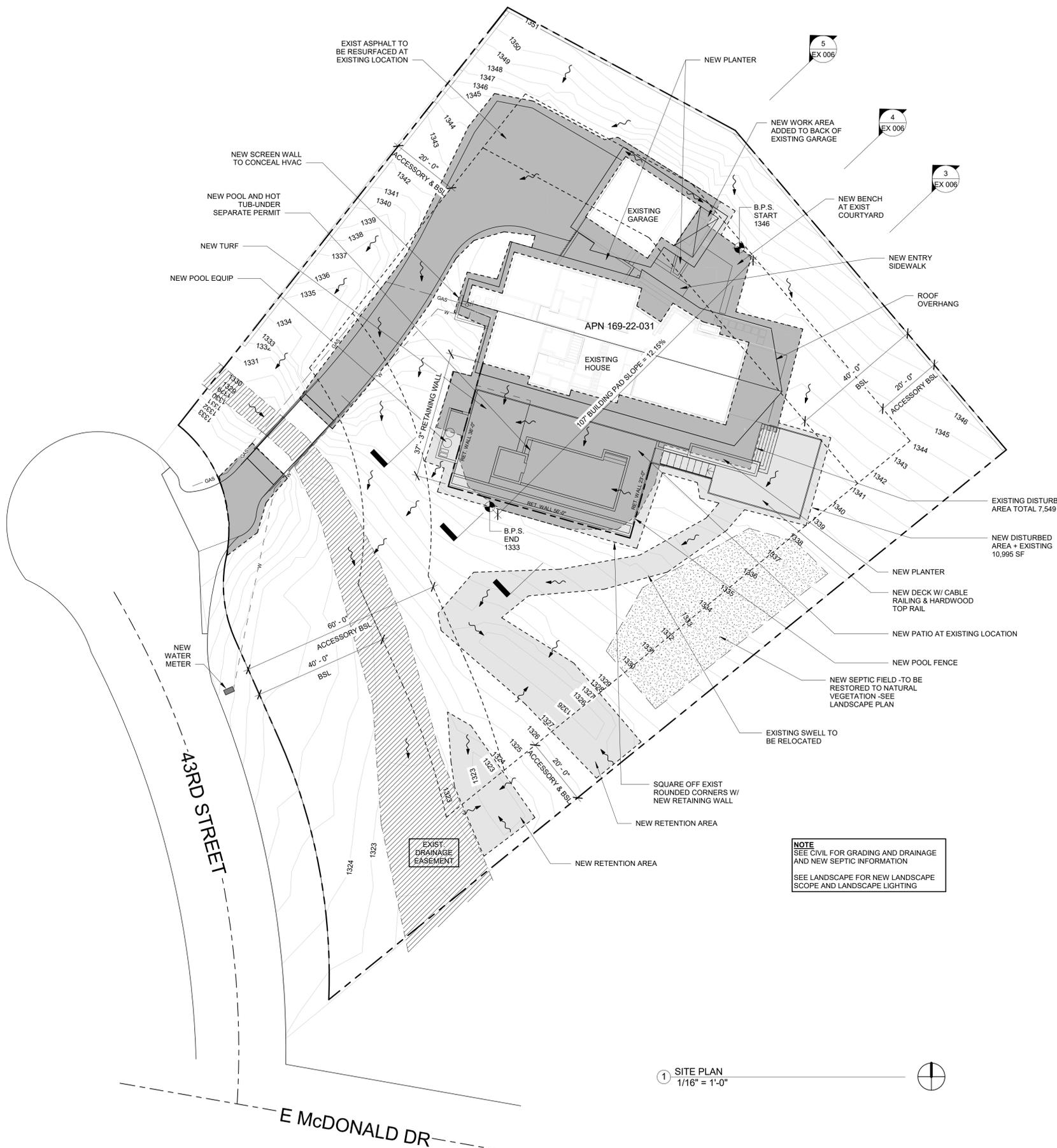
MAX BUILDING HEIGHT	16'-11"
MAX OVERALL HEIGHT	23'-3"

ADDITIONAL HILLSIDE INFO

VOLUME CUT	115 CF
VOLUME FILL	110 CF
HILLSIDE ASSURANCE	\$5,375
SLOPE OF DRIVEWAY	0-13%
% OF SLOPE STEEPER THAN NATURAL GRADE	<2%

SCOPE OF WORK

NEW WORK ON THE BACK OF THE HOUSE TO CONSIST OF NEW POOL (UNDER SEPARATE PERMIT) AND PATIO, NEW PORCH AND RAILING, NEW PLANTER AND NEW RETAINING WALL. THE ENTRY SIDE OF THE HOME WILL RECEIVE RESURFACED ASPHALT DRIVEWAY, NEW ENTRY SIDEWALK, PLANTER, SEATING AT EXISTING COURTYARD, NEW GARAGE DOOR IN EXISTING CARPORT OPENING, NEW WORK AREA EXTENDING OFF THE BACK OF THE EXISTING GARAGE AND NEW ROOF ON GARAGE TO ACCOMMODATE GARAGE DOOR AND ADDED WORK AREA. NEW DESERT COMPLIANT LANDSCAPING AND LANDSCAPE LIGHTING TO BE ADDED NEAR THE HOME AND LANDSCAPE ADDED AT DISTURBED AREAS. NEW CONCEALED LIGHTING WILL BE ADDED TO THE EXTERIOR OF REAR PORCH AND POOL AREA FOR AREA LIGHTING. ENTRY SIDE OF HOME WILL RECEIVE NEW DRIVEWAY MARKER LIGHTING, NEW SCONCES ON THE GARAGE, ENTRY LANDSCAPE LIGHTING AND NEW ENTRY SCONCES AT THE FRONT DOOR.



1 SITE PLAN
1/16" = 1'-0"

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Project Number 160809
Date 8/27/17
Scale As indicated

SITE PLAN

EX 000

DESIGN LAB
4525 N 36TH WAY
PHOENIX, ARIZONA 85018
480.217.9148



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EXTERIOR IMPROVMENTS

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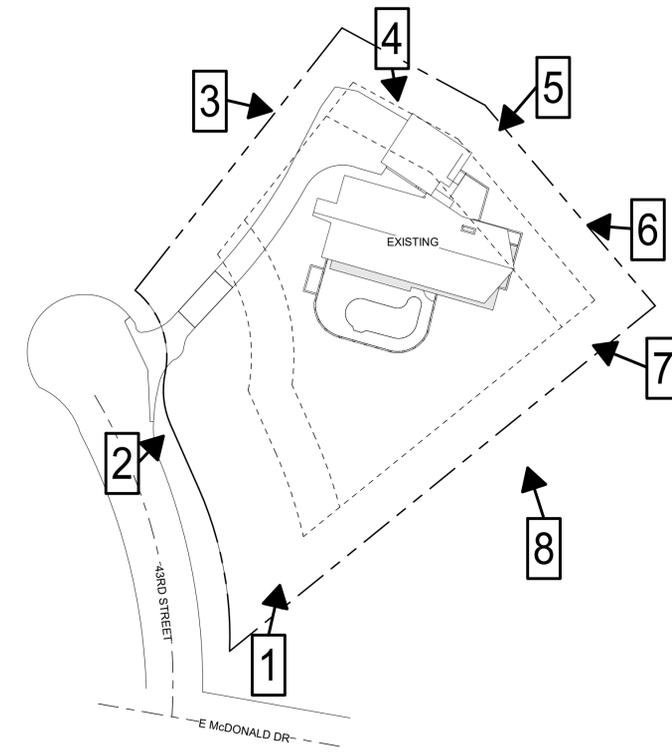
Project Number 160809
Date 8/27/17
Scale 1/16" = 1'-0"

COLOR SITE PLAN



① COLOR SITE PLAN
1/16" = 1'-0"





① EXISTING PHOTO KEY PLAN
1" = 40'-0"

DESIGNED BY
DESIGNLAB

DESIGN LAB
4525 N 36TH WAY
PHOENIX, ARIZONA 85018
480.217.9148



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Date 8/27/17
Scale 1" = 40'-0"

EXISTING PHOTOS

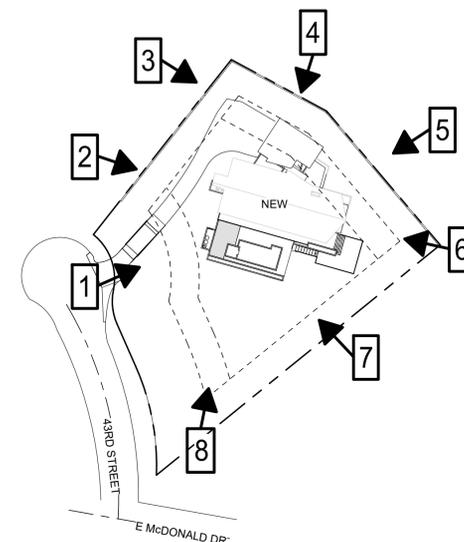
EX 002

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480.217.9148



EXPIRES 4/1/18

PROJECT ADDRESS
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⑨ 3D VIEW KEY PLAN
1" = 60'-0"

OWNER / PROJECT

JONES RESIDENCE

EXTERIOR IMPROVMENTS

#	DATE	REVISIONS DESCRIPTION

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Date 8/27/17
Scale 1" = 60'-0"

3D VIEWS

EX 003



4



5



3



6



2



7



1



8



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EXTERIOR IMPROVMENTS

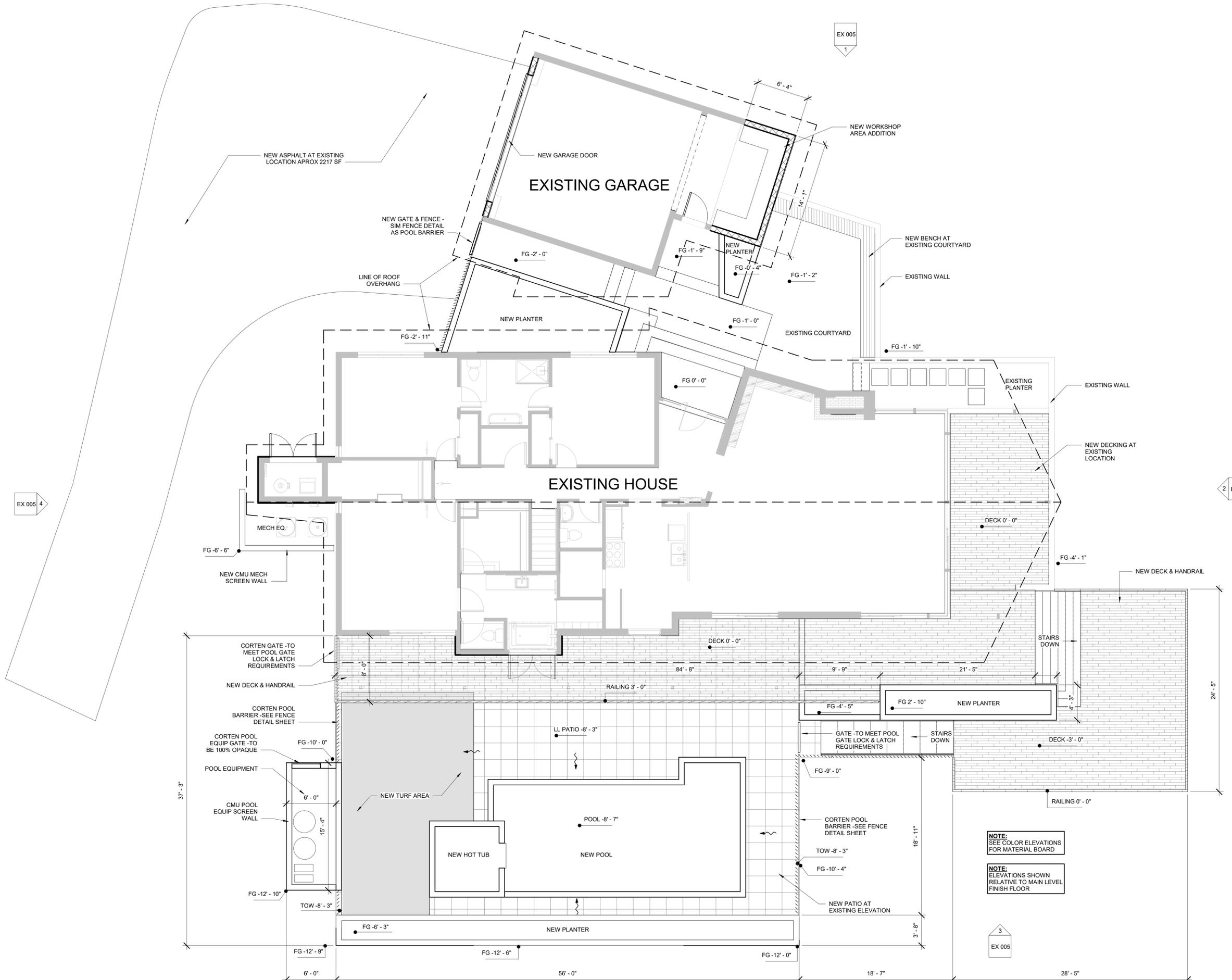
#	DATE	REVISIONS DESCRIPTION

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Scale 3/16" = 1'-0"

FLOOR PLAN

EX 004



NOTE:
SEE COLOR ELEVATIONS
FOR MATERIAL BOARD

NOTE:
ELEVATIONS SHOWN
RELATIVE TO MAIN LEVEL
FINISH FLOOR



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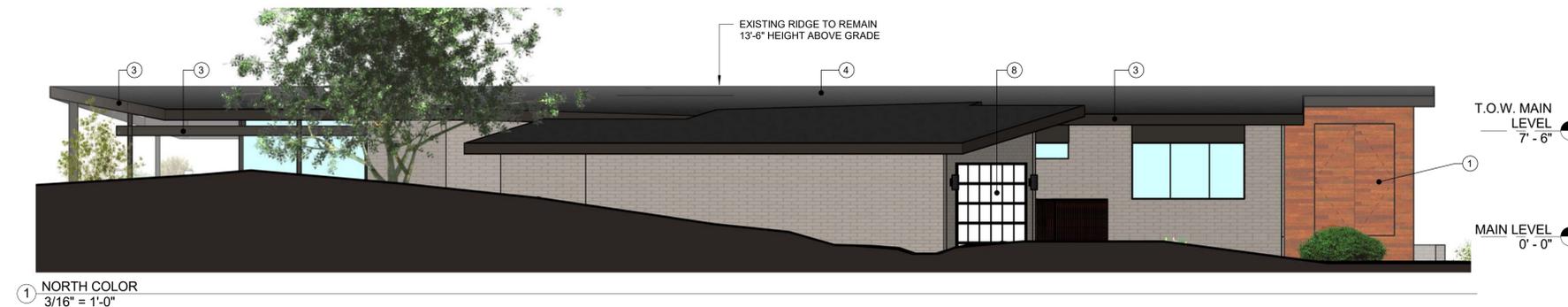
**EXTERIOR
IMPROVMENTS**

REVISIONS
DESCRIPTION

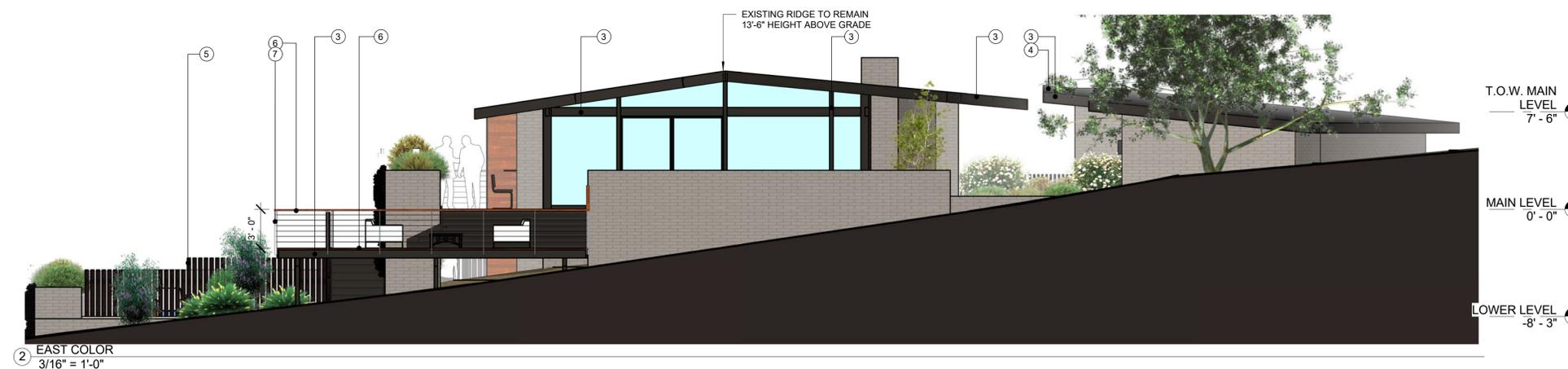
FINISH LEGEND

①	CUMARU HARDWOOD RAINSCREEN LAP w/ BLIND FASTNER. NATURAL FINISH STAIN & SEAL LRV = 18	
②	PAINTED CMU SHERMAN WILLIAMS: SW9170 ACIER LRV = 32	
③	PAINTED WOOD ELASTOMERIC DECK PAINT SHERMAN WILLIAMS: SW7020 BLACK FOX LRV = 7	
④	ASPHULT SHINGLE ROOF GAF ROYAL SOVEREIGN CHARCOAL LRV = 4	
⑤	CORTEN STEEL LRV = 10	
⑥	CUMARU HARDWOOD DECK & TOP RAIL LRV = 18	
⑦	BRUSHED STAINLESS STEEL CABLE RAILING (ACCENT) LRV = 40	
⑧	GARAGE DOOR FRAME LRV = 6 GLASS REFLECTANCE = 14%	

DATE



① NORTH COLOR
3/16" = 1'-0"



② EAST COLOR
3/16" = 1'-0"



③ SOUTH COLOR
3/16" = 1'-0"



④ WEST COLOR
3/16" = 1'-0"

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COLOR ELEVATIONS

EX 005



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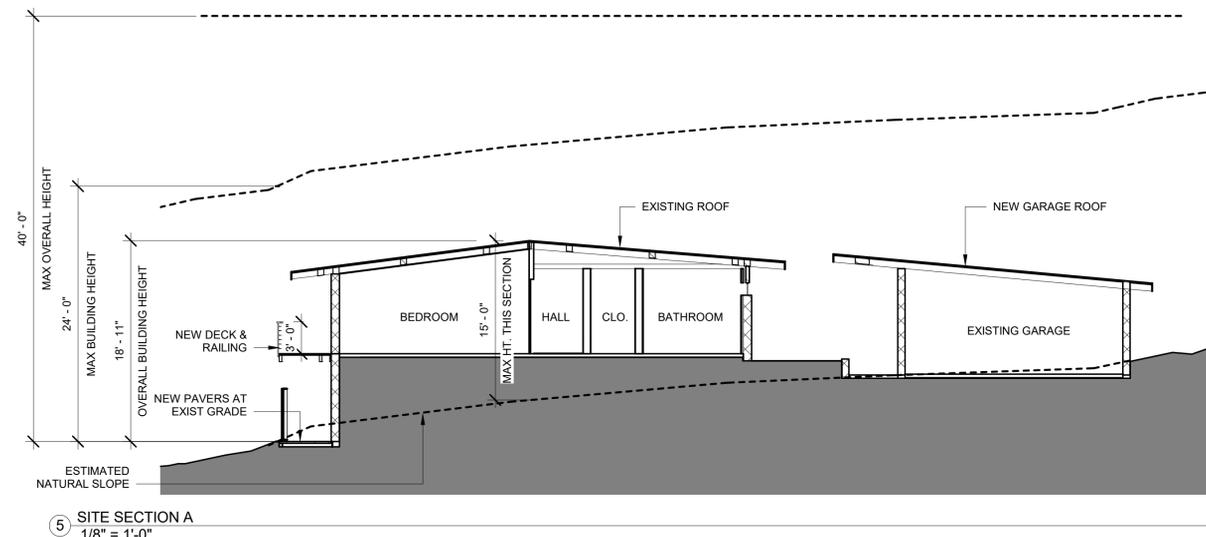
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85253

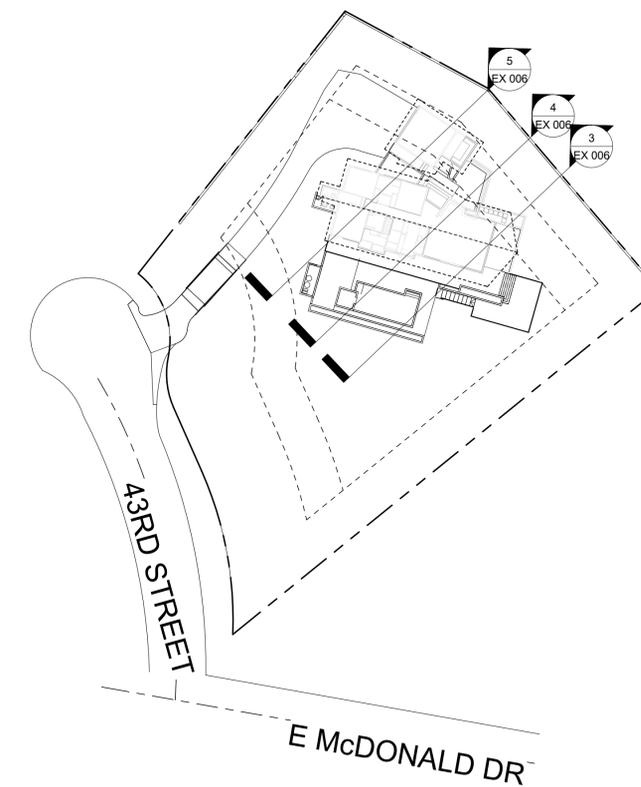
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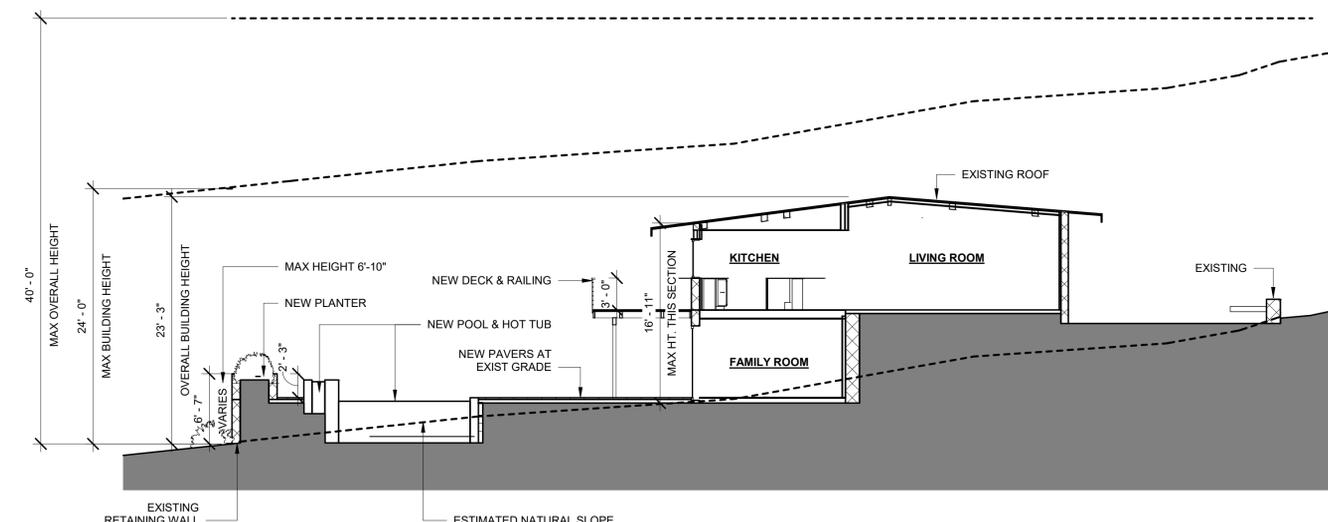
**EXTERIOR
IMPROVMENTS**



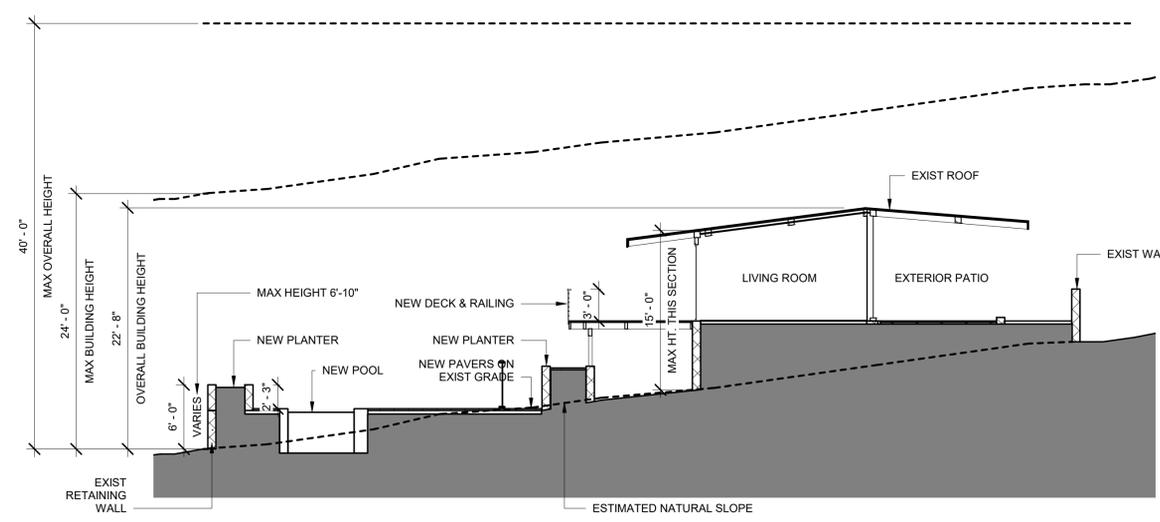
5 SITE SECTION A
1/8" = 1'-0"



1 SITE SECTION KEY PLAN
1" = 40'-0"



4 SITE SECTION B
1/8" = 1'-0"



3 SITE SECTION C
1/8" = 1'-0"

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SECTIONS

EX 006



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IMPROVMENTS**

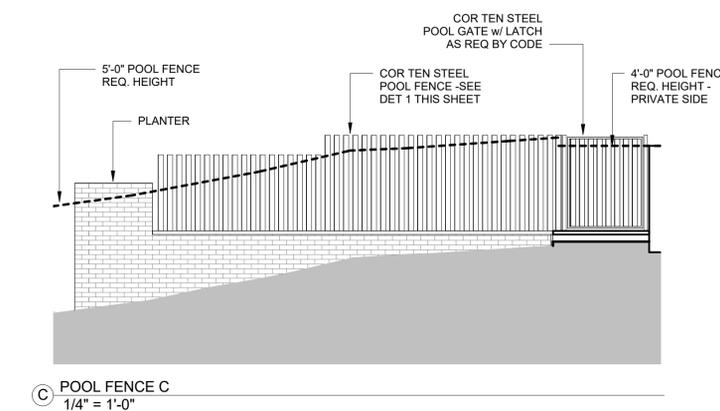
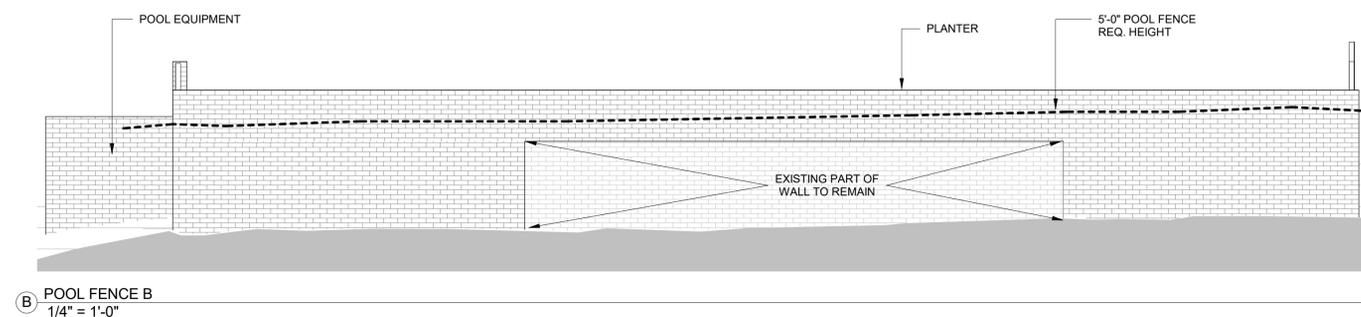
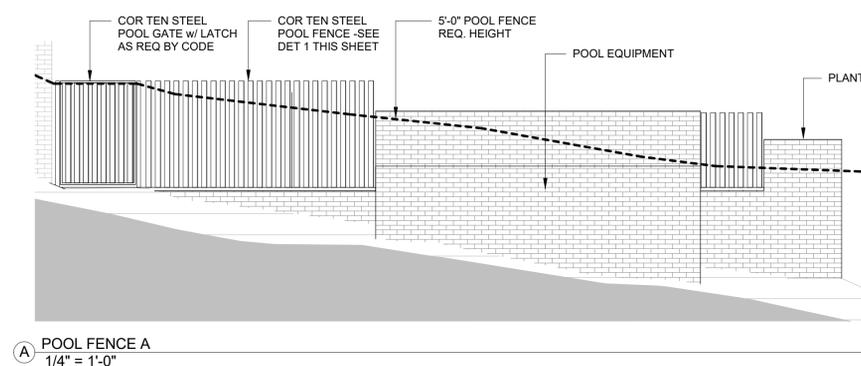
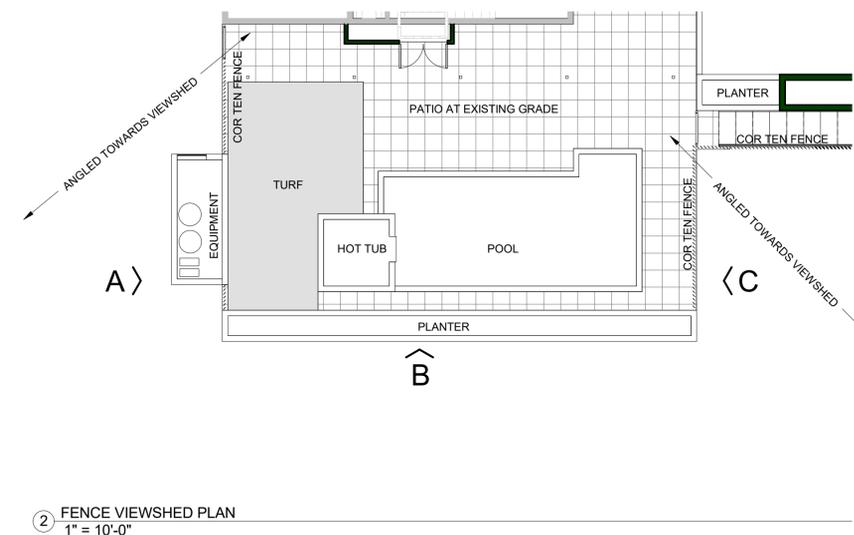
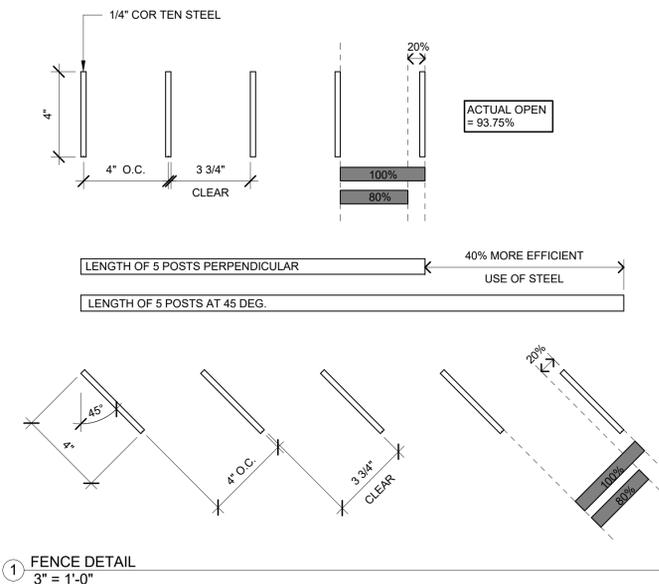
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**FENCE ELEVATIONS &
DETAILS**

EX 007



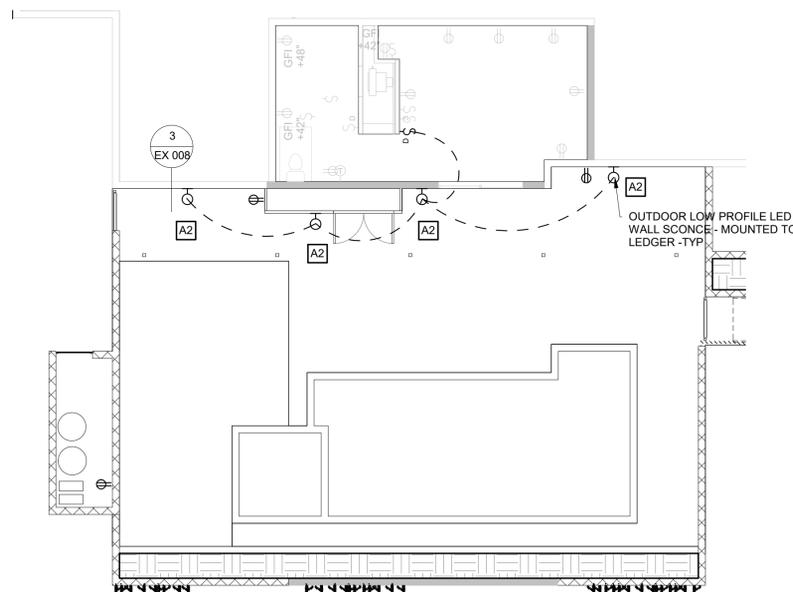


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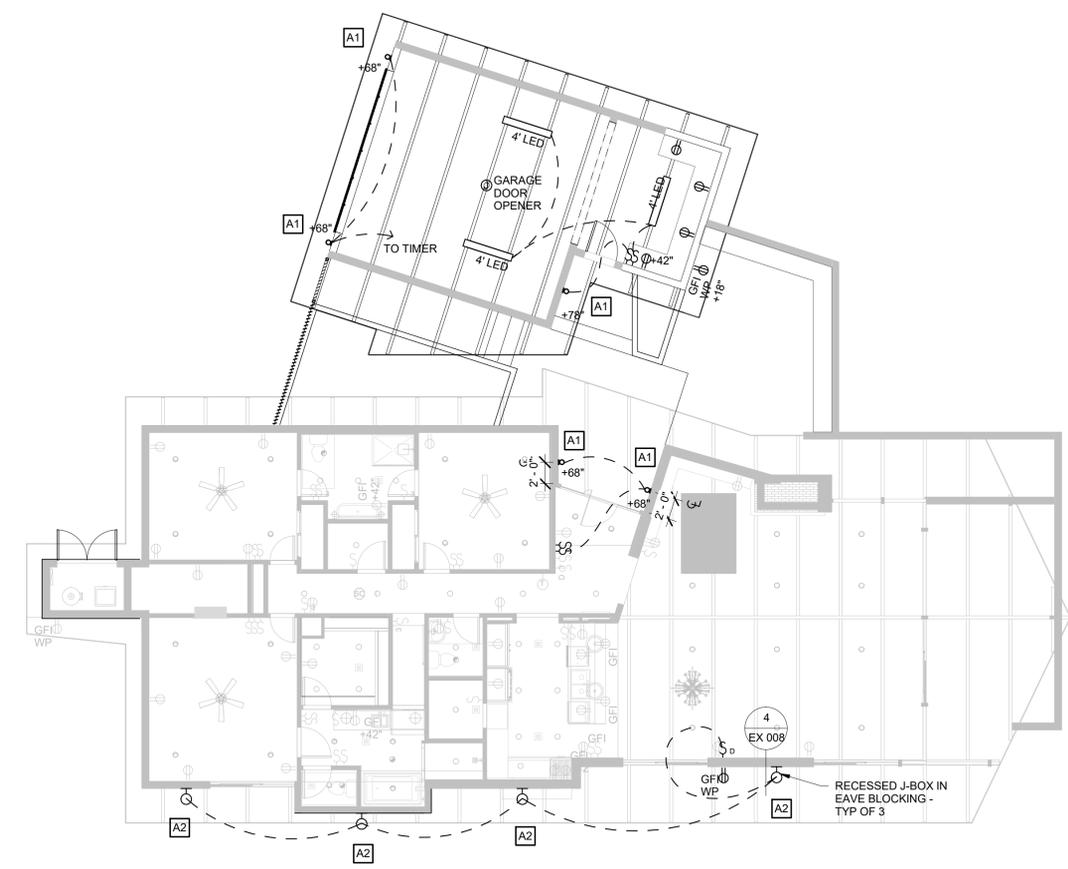
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**EXTERIOR
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2 LOWER LEVEL ELECTRICAL PLAN
1/8" = 1'-0"



1 MAIN LEVEL ELECTRICAL PLAN
1/8" = 1'-0"

EXTERIOR LIGHTING TABLE

TAG	PRODUCT	MANUFACTURER	MODEL	WATTS	LUMENS	COUNT
A1	DOWNLIGHT SCENCE	WAC LIGHTING	WS-W36610	11	735	5
A2	DOWNLIGHT SCENCE	TECH LIGHTING	700WSPIT-S-B-LED830	10	700	8

NOTE
SEE LANDSCAPE LIGHTING PLAN FOR ADDITIONAL LOW VOLTAGE EXTERIOR LIGHTING

WALL COLLECTION

Pitch Wall

DESCRIPTION
Architectural design and significant light output define this modern LED wall fixture suitable for both indoor and outdoor applications. A recessed metal body available in three sizes houses powerful LED light sources that create visual appeal as light cascades from one side to the rest of the Pitch wall sconce light from Tech Lighting. **Single includes 12 watt, 735 lumens, 3000K LED. Double includes 24 watt, 1470 lumens, 3000K LED. Triple includes 36 watt, 2100 lumens, 3000K LED.** Dimmable with low-voltage electronic dimmer. Mounts down only. Suitable for wet locations. ADA compliant.

INSTALLATION
This product can mount to either a 4" square electrical box with round plaster ring or an octagonal electrical box (not included).

WEIGHT
1.98lb (0.79kg)

ORDERING INFORMATION

700WSPIT SHAPE OR SIZE	FINISH	LAMP
D DOUBLE	BLACK	4800K LED or CW 3000K 120V
T TRIPLE	BRONZE	4800K LED or CW 3000K 120V

TECH LIGHTING
7400 Linder Avenue
Skokie, Illinois 60077
Tech Lighting, L.L.C.

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WAC LIGHTING
Responsible Lighting®

CALIBER - model: WS-W366
dwellLED™ LED Outdoor

THIS MODEL IS DOWNLIGHT ONLY

Fixture Type:
Catalog Number:
Project:
Location:

PRODUCT DESCRIPTION
Light projection tuned with precision, Caliber is a discrete cylinder with minimal mounting hardware. Available in a single or double light configuration which can be mounted both vertically and horizontally. The light engine is factory sealed for maximum protection against the harshest elements.

FEATURES

- Discrete cylinder with minimal mounting hardware
- WS-W36614 is up & down light, WS-W36610 is one-direction
- Light engine is factory sealed for maximum protection against the harshest elements
- Can be mounted vertically or horizontally
- Solid aluminum construction
- Driver located in standard 4" junction box
- Universal driver (120V-220V-277V)
- Color Temp: 3000K
- CR: 90
- Dimming: 100% - 10% ELV
- Rated Life: 72,000 hours
- Input: 120 - 277V

ORDER NUMBER

FINISH	WATT	LED LUMENS	DIFFUSER	FINISH
AL	11W	735	580	Brushed Aluminum
AL	22W	1470	1160	Black

Example: WS-W36614-AL

SPECIFICATIONS
Construction: Aluminum and White Diffuser Lens
Light Source: High output LED.
Finish: Brushed Aluminum (AL), Black (BK), Bronze (BZ)
Standards: ETL & CUL wet location listed, IP 65, CEC Title 24

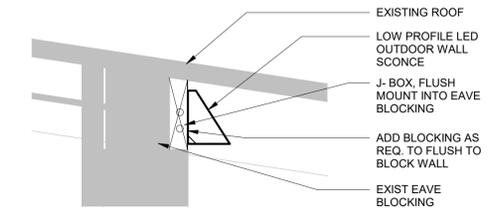
wacighting.com
Phone: (800) 526-2588
Fax: (800) 526-2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

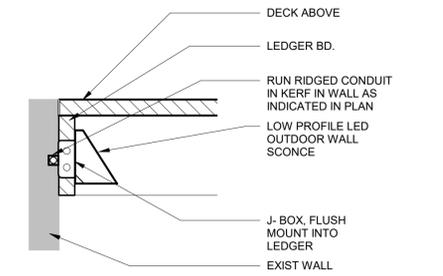
Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program.



4 EAVE LIGHT
1 1/2" = 1'-0"



3 DECK LIGHT
1 1/2" = 1'-0"

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EXTERIOR ELECTRICAL PLANS

EX 008

A2

A1

Landscape Plans

Jones Residence

6033 North 43rd Street
Paradise Valley, Arizona 85253

Project Information

Landscape Architect: Gilliland Design, llc
Contact: Eric Gilliland
4702 North 41st Place
Phoenix, AZ 85018
eric@gilliland.biz
480.699.7823 tel
480.699.7812 fax

Architect: Design Lab
4525 N 36th Way
Phoenix, AZ 85018
480.217.9148 tel

Owner: William Jones
6033 North 43rd Street
Paradise Valley, AZ 85253

Sheet Index

Cover Sheet	1
Hardscape & Planting Plan	2
Native Plant Inventory	3
Planting Details	4
Lighting Plan	5
Lighting Details	6



30 August 2017

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BEFORE YOU DIG
263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

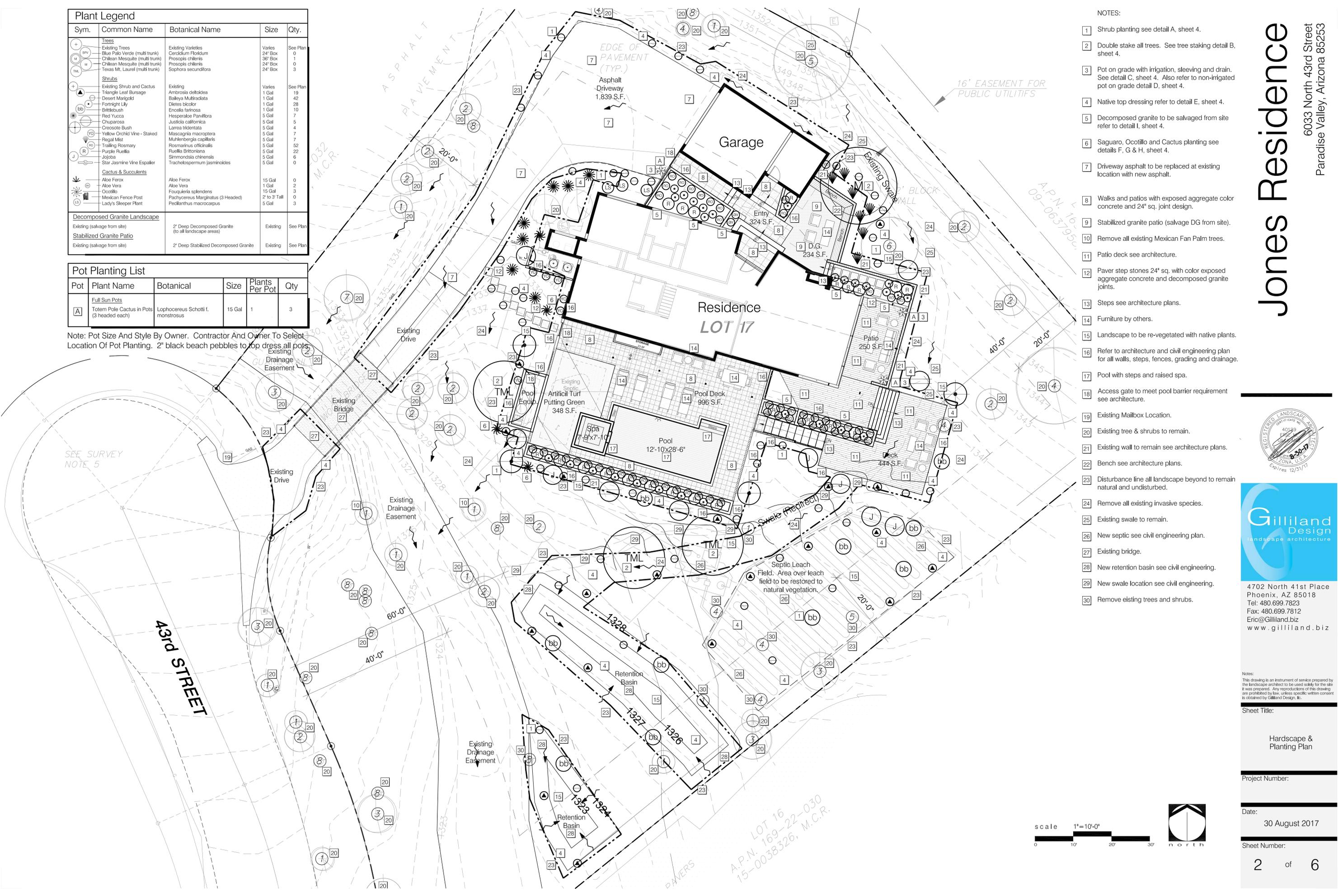


4702 North 41st Place
Phoenix, AZ 85018
480.699.7823 tel
480.699.7812 fax
eric@gilliland.biz
www.gilliland.biz

Plant Legend				
Sym.	Common Name	Botanical Name	Size	Qty.
Trees				
(+)	Existing Trees	Existing Varieties	Varies	See Plan
(BPV)	Blue Palo Verde (multi trunk)	Cercidium floridum	24" Box	0
(M)	Chilean Mesquite (multi trunk)	Prosopis chilensis	36" Box	1
(M)	Chilean Mesquite (multi trunk)	Prosopis chilensis	24" Box	0
(M)	Texas Mt. Laurel (multi trunk)	Sophora secundiflora	24" Box	3
Shrubs				
(+)	Existing Shrub and Cactus	Existing	Varies	See Plan
(▲)	Triangle Leaf Bursage	Ambrosia deltoidea	1 Gal	19
(▲)	Desert Marigold	Baileya Multiradiata	1 Gal	42
(▲)	Fortnight Lily	Dietes bicolor	1 Gal	28
(▲)	Bittobush	Ercodia latifolia	1 Gal	10
(▲)	Red Yucca	Hesperaloe Parviflora	5 Gal	7
(▲)	Chuparosa	Justicia californica	5 Gal	5
(▲)	Creosote Bush	Larrea tridentata	5 Gal	4
(▲)	Yellow Orchid Vine - Staked	Mascagnia macroptera	5 Gal	7
(▲)	Regal Mist	Muhlenbergia capillaris	5 Gal	7
(▲)	Trailing Rosemary	Rosmarinus officinalis	5 Gal	52
(▲)	Purple Rueflia	Ruellia Brittoniana	5 Gal	22
(▲)	Jobba	Simmondsia chinensis	5 Gal	6
(▲)	Star Jasmine Vine Espalier	Trachelospermum jasminoides	5 Gal	0
Cactus & Succulents				
(▲)	Aloe Ferax	Aloe Ferax	15 Gal	0
(▲)	Aloe Vera	Aloe Vera	1 Gal	2
(▲)	Ocotillo	Fouquieria splendens	15 Gal	3
(▲)	Mexican Fence Post	Pachycereus Marginatus (3 Headed)	2 to 3 Tall	0
(▲)	Lady's Sleeper Plant	Pedicularis macrocarpus	5 Gal	3
Decomposed Granite Landscape				
(▲)	Existing (salvage from site)	2" Deep Decomposed Granite (to all landscape areas)	Existing	See Plan
Stabilized Granite Patio				
(▲)	Existing (salvage from site)	2" Deep Stabilized Decomposed Granite	Existing	See Plan

Pot Planting List					
Pot	Plant Name	Botanical	Size	Plants Per Pot	Qty
Full Sun Pots					
(A)	Totem Pole Cactus in Pots (3 headed each)	Lophocereus Schottii f. monstrosus	15 Gal	1	3

Note: Pot Size And Style By Owner. Contractor And Owner To Select Location Of Pot Planting. 2" black beach pebbles to top dress all pots.



- NOTES:
- Shrub planting see detail A, sheet 4.
 - Double stake all trees. See tree staking detail B, sheet 4.
 - Pot on grade with irrigation, sleeving and drain. See detail C, sheet 4. Also refer to non-irrigated pot on grade detail D, sheet 4.
 - Native top dressing refer to detail E, sheet 4.
 - Decomposed granite to be salvaged from site refer to detail I, sheet 4.
 - Saguaro, Ocotillo and Cactus planting see details F, G & H, sheet 4.
 - Driveway asphalt to be replaced at existing location with new asphalt.
 - Walks and patios with exposed aggregate color concrete and 24" sq. joint design.
 - Stabilized granite patio (salvage DG from site).
 - Remove all existing Mexican Fan Palm trees.
 - Patio deck see architecture.
 - Paver step stones 24" sq. with color exposed aggregate concrete and decomposed granite joints.
 - Steps see architecture plans.
 - Furniture by others.
 - Landscape to be re-vegetated with native plants.
 - Refer to architecture and civil engineering plan for all walls, steps, fences, grading and drainage.
 - Pool with steps and raised spa.
 - Access gate to meet pool barrier requirement see architecture.
 - Existing Mailbox Location.
 - Existing tree & shrubs to remain.
 - Existing wall to remain see architecture plans.
 - Bench see architecture plans.
 - Disturbance line all landscape beyond to remain natural and undisturbed.
 - Remove all existing invasive species.
 - Existing swale to remain.
 - New septic see civil engineering plan.
 - Existing bridge.
 - New retention basin see civil engineering.
 - New swale location see civil engineering.
 - Remove existing trees and shrubs.

Jones Residence

6033 North 43rd Street
Paradise Valley, Arizona 85253



4702 North 41st Place
Phoenix, AZ 85018
Tel: 480.699.7823
Fax: 480.699.7812
Eric@Gilliland.biz
www.gilliland.biz

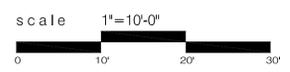
Notes:
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Sheet Title:
Hardscape & Planting Plan

Project Number:

Date:
30 August 2017

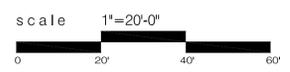
Sheet Number:
2 of 6





TREE TABLE		
TREE NO.	TREE TYPE	SIZE
1	TREE	6"
2	TREE	8"
3	TREE	10"
4	TREE	4"
5	TREE	20"
6	TREE	15"
7	TREE	12"
8	CACTUS	

NATIVE PLANT VENDOR:
 Tree Relocators, Inc.
 6502 N. 81st Place
 Scottsdale, AZ
 480-947-6118
 treerelocators@cox.net
 Contact: Neil Price 602-376-9986



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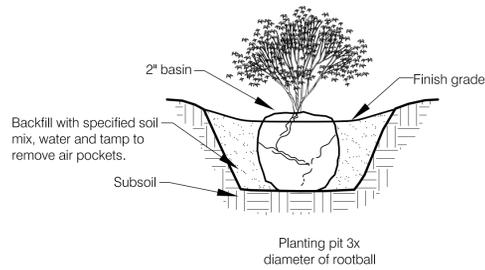
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Sheet Title:
 Native Plant Inventory

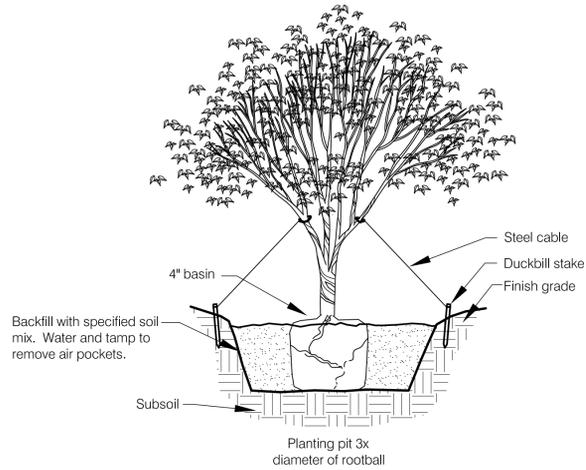
Project Number:

Date:
 30 August 2017

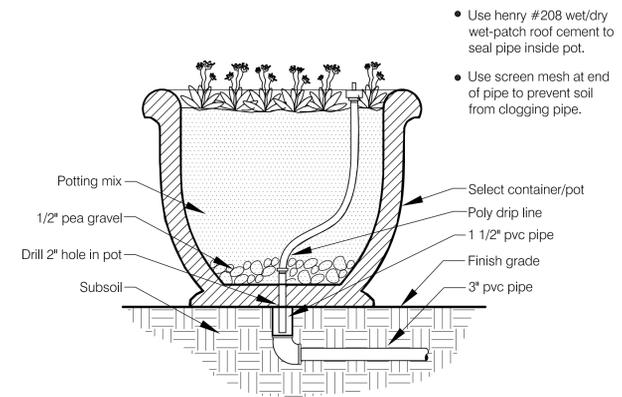
Sheet Number:
 3 of 6



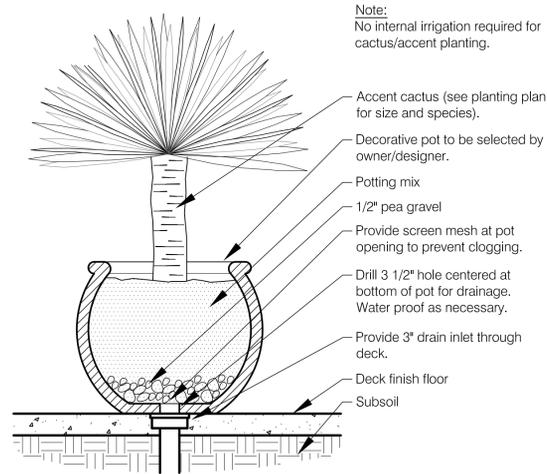
A Shrub Planting
Scale: 1-1/2"=1'-0"



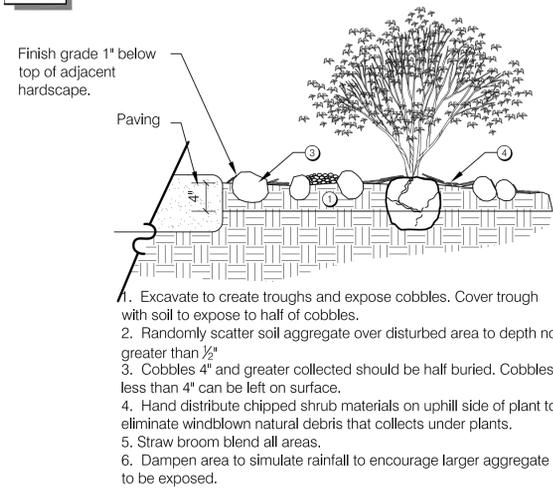
B Tree Staking and Planting
Scale: 1-1/2"=1'-0"



C Pot On Grade
Scale: 1 1/2"=1'-0"



D Non Irrigated Pot on Grade
Scale: 1 1/2"=1'-0"



E Native Topdressing
Scale: 1 1/2"=1'-0"

General Notes:

Collecting and storing of desert pavement:

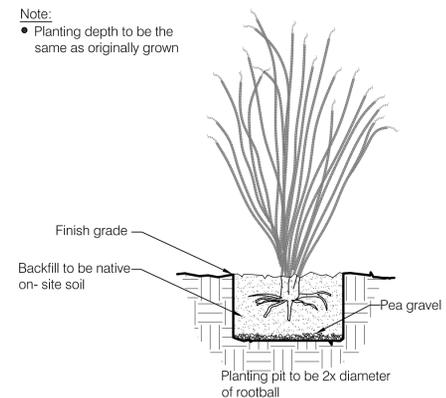
Upon completion of native plant salvage operations, and prior to other excavations or surface disturbances, the owner shall salvage and stockpile all items left on the surface plus the top half-inch of the existing surface soil, cobble, sticks, etc., from all project areas disturbed by construction activity.

Collect bursage and small shrubs by pulling plant materials from the ground using a skid loader fitted with a grapple bucket.

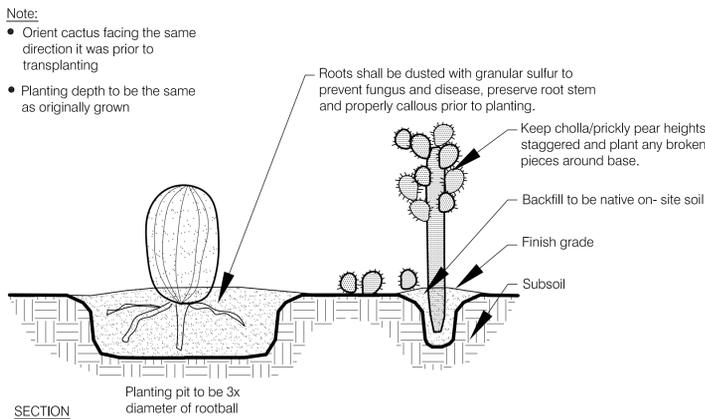
Scarify and collect the top 1/2" of the surface soil.

Stockpile shrubs separate from topsoil. The stockpiles must be consolidated in an approved storage location, taking care to prevent contamination of salvaged material.

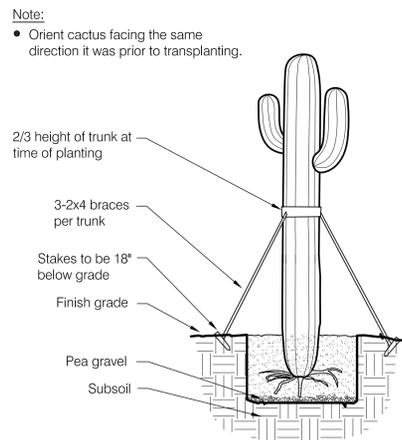
Bursage and stockpiled shrub material must be chipped at the storage location site, preserved and protected for the duration of construction.



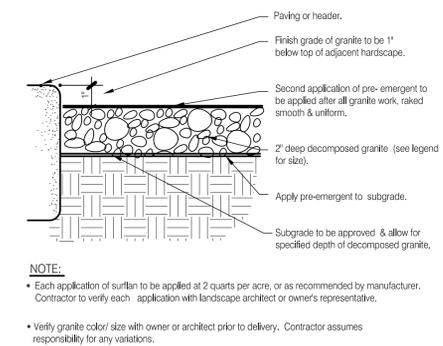
F Ocotillo Planting
Scale: 1 1/2"=1'-0"



G Cactus Planting
Scale: 1 1/2"=1'-0"



H Saguaro Planting
Scale: 1 1/2"=1'-0"



I Decomposed Granite
Scale: N.T.S.



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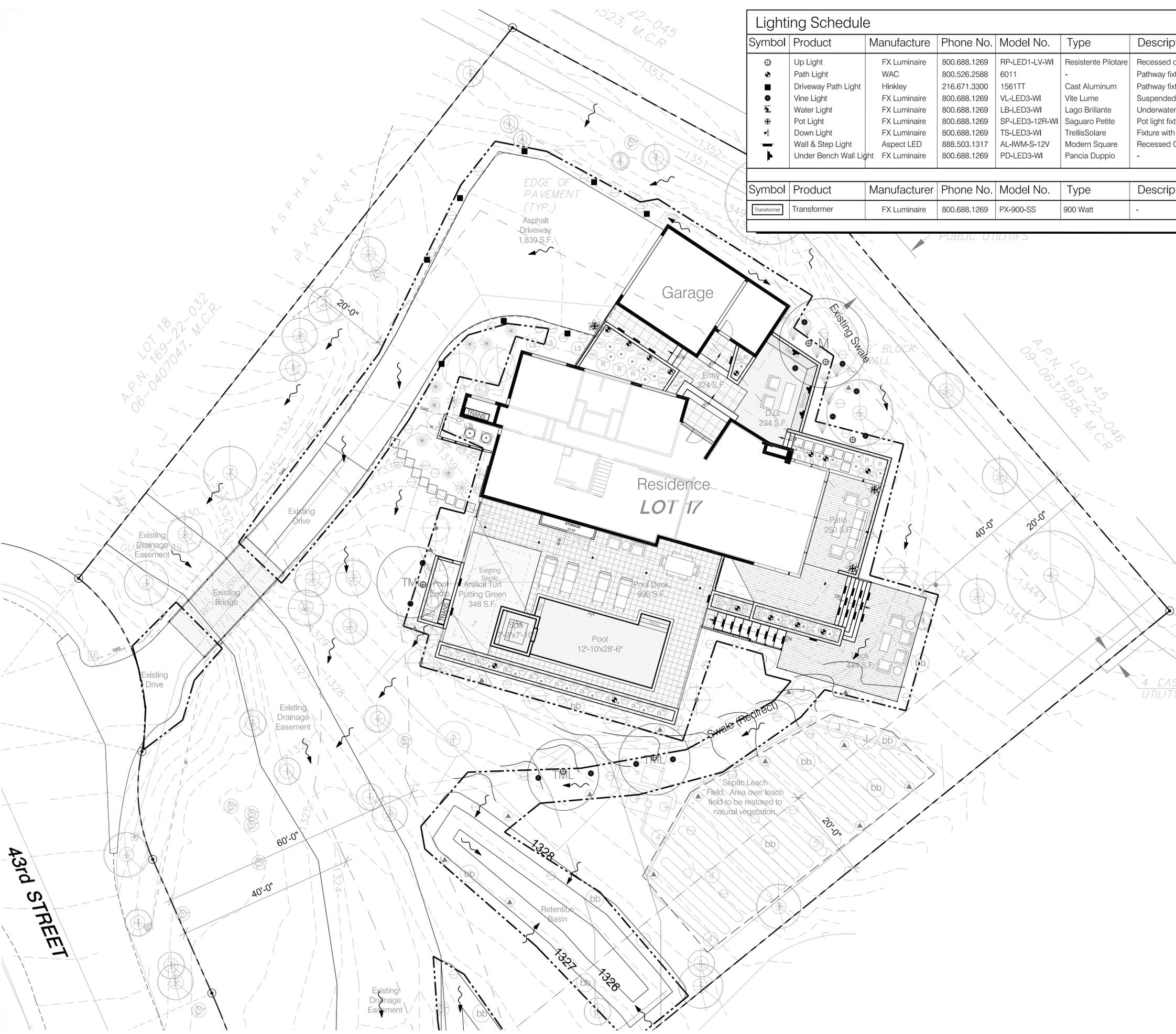
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Sheet Title:
 Planting Details

Project Number:

Date:
 30 August 2017

Sheet Number:
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Lighting Schedule											
Symbol	Product	Manufacture	Phone No.	Model No.	Type	Description	Watts	Volts	Lumes	Detail	Total
⊙	Up Light	FX Luminaire	800.688.1269	RP-LED1-LV-WI	Resistente Pilotare	Recessed directional fixture	15w	12v	150 lm	A-6	6
⊙	Path Light	WAC	800.526.2588	6011	-	Pathway fixture	20w	12v	200 lm	B-6	14
⊙	Driveway Path Light	Hinkley	216.671.3300	1561TT	Cast Aluminum	Pathway fixture	18w	12v	200 lm	BB-6	8
⊙	Vine Light	FX Luminaire	800.688.1269	VL-LED3-WI	Vite Lume	Suspended fixture (vine mounted)	20w	12v	200 lm	C-6	12
⊙	Water Light	FX Luminaire	800.688.1269	LB-LED3-WI	Lago Brillante	Underwater light with base	20w	12v	200 lm	-	0
⊙	Pot Light	FX Luminaire	800.688.1269	SP-LED3-12R-WI	Saguaro Petite	Pot light fixture	20w	12v	200 lm	B-6	3
⊙	Down Light	FX Luminaire	800.688.1269	TS-LED3-WI	TrellisSolare	Fixture with VersaBoX mount	20w	12v	200 lm	-	0
⊙	Wall & Step Light	Aspect LED	888.503.1317	AL-IWM-S-12V	Modern Square	Recessed Outdoor LED In-Wall Lt	1.8w	12v	90 lm	D-6	28
⊙	Under Bench Wall Light	FX Luminaire	800.688.1269	PD-LED3-WI	Pancia Duppio	-	20w	12v	200 lm	E-6	3
										Total Fixture Quantity	74
Symbol	Product	Manufacturer	Phone No.	Model No.	Type	Description			Detail	Total	
⊙	Transformer	FX Luminaire	800.688.1269	PX-900-SS	900 Watt	-			F-6	2	
									Transformer Quantity	2	

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 Paradise Valley, Arizona 85253



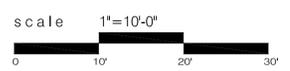
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Sheet Title:
Lighting Plan
 Project Number:

Date:
 30 August 2017

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5 of 6



FX | LUMINAIRE®
RP-20, RP-35, RP-50

RESISTENTEPILOTARE® | FX LUMINAIRE®

READY TO MEET YOUR SUBTERRANEAN DEMANDS
When power and control are demanded from a subterranean fixture, you will not find a more versatile product than the Resistente Pilotare RP. It can be configured to wall wash from right angles with a spread beam or provide a long narrow projection of light for a wall pillar... needs after installation. There is a whole family of accessories to allow the lighting designer to shape color and glare control light for maximum effect.

DO YOU LIKE TO BE IN CONTROL?
They go underground with the power control RP. Designed to wall wash from right angles. No glare. No heat. Perfect for long narrow light for a long wall. Color. From that too with effect. For those who appreciate excellent. This is the light your landscape can't be without.

This lighting fixture is rated for constant landscape moisture - it is not an underwater light.

UP LIGHTING **ARCHITECTURAL ACCENTS**

© 2009 FX LUMINAIRE® 800-688-1249 www.FXL.com®

RESISTENTEPILOTARE® - ORDERING INFORMATION

STANDARD OPTIONS:
1 x 3 x 3 ORDERED TOGETHER ON SAME LINE

AVAILABLE LAMP CONFIGURATIONS:

Model	Power	Beam Angle	Color
RP-20	20W	120°	Clear
RP-35	35W	120°	Clear
RP-50	50W	120°	Clear

FINISHES:

Code	Finish
AL	Anodized Aluminum
BR	Brushed Brass
CU	Copper
SS	Stainless Steel

© 2009 FX LUMINAIRE® 800-688-1249 www.FXL.com®

AREA LIGHT
6011

WAC
LANDSCAPE LIGHTING

PRODUCT DESCRIPTION:
Broad spread makes this fixture suitable for varying landscape designs.

FEATURES:

- IP68 rated. Protected against powerful water jets.
- Factory sealed water tight fixture.
- Translucent lens provides uniform light distribution.
- Solid brass or corrosion resistant aluminum alloy.
- Mounting stake, 6 foot lead wire, and direct burial gFI'd cable are included.
- Marine grade stainless steel mounting pins for ground mounting or surface mounts with four screws or over a junction box.
- UL E850000.

Specifications:
Input: 90 VAC
Power: 5.9W / 0.027 A
Brightness: 100 lm
CRI: 90+
Rated Life: 40,000 hours

Color Temp: 27 2700K
Finish: BR Brushed Brass, SS Stainless Steel

Accessories:
5000-SCP-BZ Surface on Aluminum
5000-SCP-BBR Surface on Brass
5000-ST-BK Corundum PVC stake

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HINKLEY LIGHTING
life as low

190TT
Path Lighting

Width: 7.5"
Height: 21"
Weight: 4 lbs.
Material: Cast Aluminum
Bulb: One 10w T5 Wedge Base (Included)
Leadwire: 30'
Certification: cULus Wet
LPC: 4600050146

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FX | LUMINAIRE®
VL-20

VITELUME® | FX LUMINAIRE®

SMALL, POWERFUL HANGING LIGHT
When a moonlighting effect is desired, but the caliber of a tree is too small to use the Vitellume® Vitale, specify the Vitellume® Vitale™.

This moonlighting fixture actually hangs from the host tree by a clamp on existing or new permanent hardware. A small brass hook is also included for beam mounted applications.

Milled from heavy copper and solid brass hardware, the Vitellume Vitale incorporates a long life halogen lamp originally designed for accent lighting. The lens is made of clear acrylic which has an integral flood lens. Use two or more fixtures per tree for an even illumination.

An elegant moonlight effect is produced when an evening breeze gently swings the Vitellume Vitale's shadow patterns dance on the ground below.

THE EASE OF LIGHT
Use low voltage lighting to transform and protect the use of your garden. Highlight or accent areas and create dramatic effects with simple clear lenses. As the sky turns to a deeper shade of blue, your garden can come to life with the golden glow of copper fixtures. Let your guests, children, and friends enjoy the shadow of branches dance on a sidewalk.

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VITELUME® - ORDERING INFORMATION

STANDARD OPTIONS:
1 x 3 x 3 ORDERED TOGETHER ON SAME LINE

AVAILABLE LAMP CONFIGURATIONS:

Model	Power	Beam Angle	Color
VL-20	20W	120°	Clear
VL-35	35W	120°	Clear
VL-50	50W	120°	Clear

FINISHES:

Code	Finish
AL	Anodized Aluminum
BR	Brushed Brass
CU	Copper
SS	Stainless Steel

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A Up Light Scale: N.T.S. **B** Path Light and Pot Light Scale: N.T.S. **BB** Driveway Light Scale: N.T.S. **C** Vine Light Scale: N.T.S.

aspectLED
FLEXIBLE STRIPS | RECESSED IN-CEILING | FLOOD LIGHTS | COMMERCIAL | RESIDENTIAL

Modern Square Recessed Indoor/Outdoor LED In-wall Light

© 2009 FX LUMINAIRE® 800-688-1249 www.FXL.com®

FX | LUMINAIRE®
PD-20

PANCIADUPPIO® | FX LUMINAIRE®

COMMERCIAL QUALITY, RESIDENTIAL PRICE POINT
This is the highest quality LED in-wall light to bring light to areas such as walkways, stairways and decks as well as to other foot traffic areas that don't have an adjacent planter area for planting or tree and rock walls from which to downlight.

Incorporated into the design is the LED® feature. The LED® feature is the lighting feature that the faceplate of these permanently mounted fixtures will remain perfectly level upon completion of the installation. Many are and will light as the market today are designed so that if the mounting box is installed incorrectly, the faceplate, once installed, will also be incorrectly out of level.

Some of the features of the PD include: fixture is permanently mounted in concrete or wood wall combined with multiple threaded stainless steel mounting pins for maximum fixture protection; fixture is designed to be installed in a wall for repair and corrosion-free stainless steel faceplate.

PERFECTION EVERY TIME
The Resistente Pilotare RP™ system allows the installer to be in a 1/2" or less in a thin direction, while still allowing the fixture to be level.

© 2009 FX LUMINAIRE® 800-688-1249 www.FXL.com®

PANCIADUPPIO® - ORDERING INFORMATION

STANDARD OPTIONS:
1 x 3 x 3 ORDERED TOGETHER ON SAME LINE

AVAILABLE LAMP CONFIGURATIONS:

Model	Power	Beam Angle	Color
PD-20	20W	120°	Clear
PD-35	35W	120°	Clear
PD-50	50W	120°	Clear

FINISHES:

Code	Finish
AL	Anodized Aluminum
BR	Brushed Brass
CU	Copper
SS	Stainless Steel

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FX | LUMINAIRE®
PX-300, PX-600, PX-900

POTENZAX® | FX LUMINAIRE®

SAFE, COMPLIANT AND INNOVATIVE
This is the high tech heart of the FX Luminaire® low voltage lighting system. The Potenzax® is available in 300, 600 and 900 watt capacities with a variety of control options. The enclosure is fabricated from heavy gauge stainless steel for long life in corrosive exterior locations.

Actual function of transformer is to supply the halogen lamps with a constant non-fluctuating voltage current to prevent premature lamp burnout. Any well designed lighting system starts with a solid power supply that will provide safe, clean power to energy-efficient components... the FX Potenzax® is engineered for the task.

An important consideration in designing a lighting system is how it will be accessed. It often opens existing control architecture. Like any standard three phase, manual switch or "smart home" device to control the transformer.

ULC Patent No. 6,443,783; 6,497,591
Other patents pending.

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POTENZAX® - ORDERING INFORMATION

STANDARD OPTIONS:
1 x 3 x 3 ORDERED TOGETHER ON SAME LINE

AVAILABLE LAMP CONFIGURATIONS:

Model	Power	Beam Angle	Color
PX-300	300W	120°	Clear
PX-600	600W	120°	Clear
PX-900	900W	120°	Clear

FINISHES:

Code	Finish
AL	Anodized Aluminum
BR	Brushed Brass
CU	Copper
SS	Stainless Steel

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D Wall & Step Light Scale: N.T.S. **E** Under Bench Wall Light Scale: N.T.S. **F** Transformer Scale: N.T.S.

Gilliland Design
landscape architecture

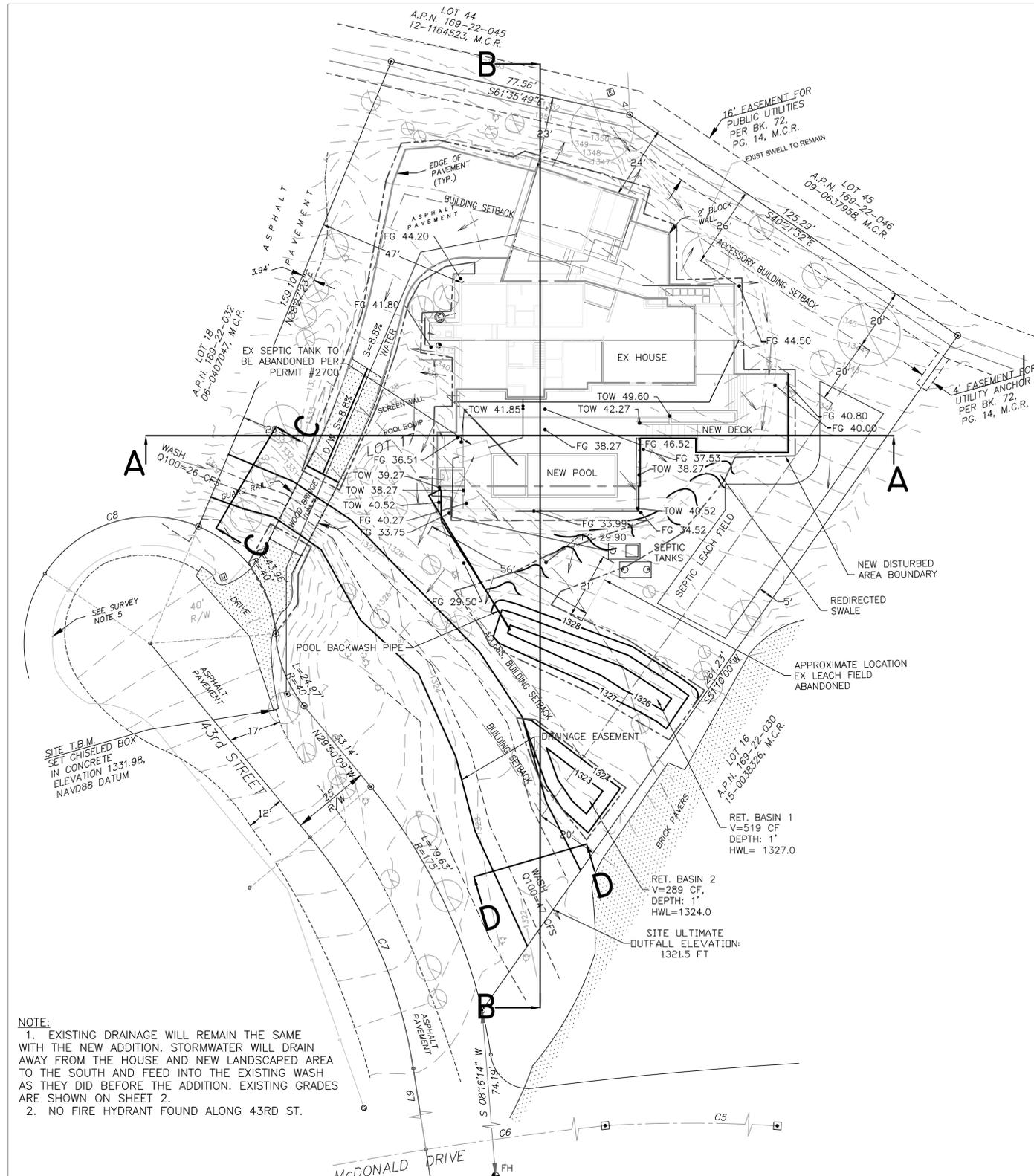
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Sheet Title:
Lighting Details

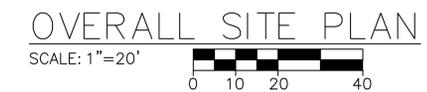
Project Number:
Date:
30 August 2017

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- NOTE:**
- EXISTING DRAINAGE WILL REMAIN THE SAME WITH THE NEW ADDITION. STORMWATER WILL DRAIN AWAY FROM THE HOUSE AND NEW LANDSCAPED AREA TO THE SOUTH AND FEED INTO THE EXISTING WASH AS THEY DID BEFORE THE ADDITION. EXISTING GRADES ARE SHOWN ON SHEET 2.
 - NO FIRE HYDRANT FOUND ALONG 43RD ST.

- GENERAL NOTES AND CONDITIONS**
- SEE GRADING PERMIT FOR ADDITIONAL CONDITIONS.
 - HISTORIC DRAINAGE PATTERNS SHALL BE MAINTAINED AS SHOWN ON THE APPROVED PLANS.
 - ANY WORK PERFORMED WITHOUT APPROVAL OF THE APPLICABLE COUNTY DEPARTMENT OR AFFECTED UTILITY COMPANY AND/OR ALL WORK AND MATERIAL NOT IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE OWNER'S EXPENSE.
 - THE ISSUANCE OF ANY CONSTRUCTION PERMIT SHALL NOT RELIEVE THE OWNER OR OWNER'S AGENT FROM COMPLIANCE WITH ALL OTHER GOVERNMENTAL REGULATIONS INCLUDING BUT NOT LIMITED TO ZONING & BUILDING REQUIREMENTS.
 - CONTACT THE TOWN OF PARADISE VALLEY TO SCHEDULE INSPECTIONS.
 - SHOULD ANY PROPOSED DEVELOPMENT REQUIRE CLARIFICATION AS DETERMINED BY MARICOPA COUNTY, A PLAN ADDENDUM SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER SHALL BE SUBMITTED FOR APPROVAL. SUBMITTAL OF AN ADDENDUM MAY REQUIRE FORMAL PLAN MODIFICATION AS DEMAND BY MARICOPA COUNTY.
 - ALL CONSTRUCTION FILL SHALL MEET OR EXCEED MAG SPECIFICATION 211.
 - ALL CONSTRUCTION SHALL MEET OR EXCEED CURRENT MAG SPECIFICATIONS AND STANDARDS.
 - AN APPROVED SET OF PLANS SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES PERMIT IS ACTIVE.
 - OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD AND RESOLVED PRIOR TO PROCEEDING WITH THE WORK.



OWNER: JAMES WILLIAM JONES
 6033 N 43RD ST
 PARADISE VALLEY, ARIZONA 85253
SITE INFORMATION:
 ASSESSOR'S PARCEL #: 169-22-031
 ZONING: R-43
 ADDRESS: 6033 N 43RD ST
 PARADISE VALLEY, ARIZONA 85253
 SUBDIVISION: CAMELBACK FOOTHILLS 2 LOT 17
 THIS PARCEL CONTAINS 39,392 SQ. FT. OR 0.871 ACRE.

LEGAL DESCRIPTION
 LOT 17, CAMELBACK FOOTHILLS UNIT II, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE MARICOPA COUNTY RECORDER IN BOOK 72 OF MAPS, PAGE 14.

DISCLAIMER: SURVEY PERFORMED BY G. BRYAN GOETZENBERGER, R.L.S. #31020 MARCH 22ND 2016.
BASIS OF BEARINGS:
 THE MONUMENT LINE OF 44TH STREET, USING A BEARING OF NORTH 03 DEGREES 24 MINUTES 30 SECONDS WEST, PER THE PLAT OF CAMELBACK FOOTHILLS, RECORDED IN BOOK 70, PAGE 2, M.C.R.

BENCHMARK:
 THE SOUTH QUARTER CORNER OF SECTION 7, BEING GDACS POINT NUMBER 24540-1 HAVING AN ELEVATION OF 1312.255, NAVD88 DATUM, PER R.O.S. BK. 734, PG. 10, M.C.R.
SITE TEMPORARY BENCHMARK
 SET CHISELED BOX IN CONCRETE ELEVATION 1331.98, NAVD88 DATUM.
REFERENCE DOCUMENTS
 DEED 2007-1050504, M.C.R.
 PLAT PER BOOK 72, PAGE 14, M.C.R.

FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

COMMUNITY NUMBER	PANEL NUMBER (PANEL DATE)	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	(IN AD ZONE, USE DEPTH)
040037	1765 10/16/13	L	10/16/13	X	-

ENGINEER'S FINISHED FLOOR CERTIFICATION
 FINISHED FLOORS ARE SAFE FROM INUNDATION DURING A 100-YEAR PEAK RUNOFF EVENT IF CONSTRUCTED IN ACCORDANCE TO THE APPROVED PLANS. FINISHED FLOOR OF NEW ADDITION IS 1362.62 FOR UPPER FLOOR AND 1336.0 FOR THE LOWER FLOOR AND POOL DECK. HIGH WATER LEVEL FOR 100-YEAR, 2-HOUR STORM IS 1327.7 AT CLOSEST LOCATION TO HOUSE.

FLOOD ZONE
 THIS PROPERTY IS LOCATED ON THE FLOOD INSURANCE RATE MAP(FIRM) ZONE X. COMMUNITY NUMBER 040037 MAP NUMBER AND SUFFIX PANEL NUMBER 1765L EFFECTIVE DATE OF FIRM OCTOBER 16, 2013.

PROJECT NARRATIVE:
 THE NEW ADDITION WILL COVER THE EXISTING POOL AREA PLUS ADDITIONAL AREA ON THE EAST AND SOUTH SIDES. THERE WILL BE AN ADDED YARD/POOL AREA THAT WILL BE CUT TO LOWER IT BELOW EX. GRADE. STORMWATER RUNOFF WILL CONTINUE TO DRAIN AWAY FROM THE HOUSE AND TO THE SOUTH TO THE RETENTION BASINS AND WASH. OFFSITE FLOWS WILL CONTINUE TO ENTER AND EXIT THE SITE AS THEY HAVE DONE HISTORICALLY.

***DISTURBED AREA (SEE ARCHITECT'S PLAN FOR DETAILS):**

TOTAL EX. DISTURBED AREA:	7,549 SF
TOTAL NEW DISTURBED AREA:	3,446 SF
TOTAL EX AND NEW DISTURBED AREA:	10,995 SF
ALLOWABLE DISTURBED AREA:	17,726 SF
AREA UNDER ROOF:	4,719 SF

BUILDING PAD SLOPE IN CENTER:
 VERTICAL 13 FEET/HORIZONTAL 107 FEET=12.15%
 SLOPE=13%

PERCENT OF LOT STEEPER THAN NATURAL GRADE (5% MAX.): <2%
 VOLUME OF CUT 115 CY
 VOLUME OF FILL 110 CY

*DISTURBED AREA FOR SEPTIC SYSTEM AND POOL BACKWASH LINE TO RET. BASIN NOT INCLUDED IN CALCULATION. THE DISTURBED AREAS WILL BE BROUGHT BACK TO ORIGINAL NATURAL GRADE CONTOURS AND TREATED WITH AN APPROVED AGING AGENT AND PLANTED TO BLEND WITH SURROUNDING NATURAL GROWTH.

RETAINING WALLS

MAX RETAINING WALL LENGTH	117 LF
MAX VISIBLE RETAINING WALL	94 LF
MAX RETAINING WALL HEIGHT	6'10"

- NOTES**
- MAINTENANCE OF ANY DRAINAGE STRUCTURES OR OTHER WORKS OF DRAINAGE OR FLOOD CONTROL CONSTRUCTED PER THIS PLAN SHALL BE THE RESPONSIBILITY OF THE LOT OWNER.
 - ENGINEER QUANTITIES SHOWN ARE FOR PERMITTING PURPOSES ONLY. CONTRACTOR TO VERIFY.
 - COMPACT FINISHED GRADES TO 95% STANDARD PROCTOR.

- CIVIL SITE PLAN NOTES**
- NO CERTIFICATE OF OCCUPANCY SHALL BE ISSUED UNTIL ALL HILLSIDE STIPULATIONS AND ALL TOWN CODE REQUIREMENTS ARE COMPILED INCLUDING, BUT NOT LIMITED TO LANDSCAPING, GROUND RESTORATION, FIRE FLOW, FIRE SAFETY AND ALL ONSITE AND OFFSITE IMPROVEMENTS.
 - ALL OUTDOOR LIGHTING SHALL BE IN CONFORMANCE WITH ARTICLE XXII OF THE TOWN ZONING ORDINANCE.
 - ALL EXCESS FILL MATERIAL SHALL BE REMOVED FROM THE SITE WITH NO NEW SPILL SLOPES.
 - THE USE OF HYDRAULIC RAM HAMMERS, OR OTHER HEAVY EQUIPMENT USED TO CUT THROUGH ROCK, INCLUDING MACHINERY WITH AUDIBLE BACK UP WARNING DEVICES SHALL BE LIMITED TO USE BETWEEN THE HOURS OF 7:00AM OR SUNRISE, WHICHEVER IS LATER, AND 6:00PM OR SUNSET, WHICHEVER IS EARLIER, MONDAY THROUGH FRIDAY, WITH LIMITED WORK ON SATURDAY AND NO WORK ON SUNDAY OR LEGAL HOLIDAYS. RAM HAMMERS AND OTHER HEAVY EQUIPMENT CANNOT BE USED ON SATURDAYS WITHOUT A WAIVER FROM THE TOWN MANAGER.
 - CONSTRUCTION STAKING AND/OR FENCING SHALL BE PLACED AROUND THE CONSTRUCTION SITE SO AS TO PROTECT THE UNDISTURBED NATURAL AREA.

- ENGINEER'S NOTES:**
- AN ATTEMPT HAS BEEN MADE TO SHOW THE LOCATIONS OF UNDERGROUND OBSTRUCTIONS AND UTILITY LINES IN THE WORK AREA. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF UTILITIES IN THE AREA.
 - TYPICAL DETAILS SHOWN SHALL BE USED IN THE APPROPRIATE INSTALLATION WHETHER OR NOT THEY ARE SPECIFICALLY REFERENCED OR REFERRED TO ON A DRAWING.
 - THE CONTRACTOR SHALL OBTAIN AND SATISFY ALL DUST CONTROL PERMITS AND CRITERIA AS SET FORTH BY THE COUNTY. CONTRACTOR MUST KEEP PUBLIC STREETS CLEAR OF SOIL, MUD, AND DEBRIS AT ALL TIMES. CONTRACTOR MUST PREVENT DAMAGE TO DRAINAGE DURING GRADING CONSTRUCTION. CONTRACTOR MUST CORRECT ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY THAT RESULTS FROM WORK DONE UNDER THE APPROVAL OF GRADING PERMIT. ALL ON-SITE GRADING MUST COMPLY WITH APPENDIX CHAPTER 33 OF THE UNIFORM BUILDING CODE.
 - ANY ALTERATIONS OR ADDITIONS TO THE PLANS MUST BE CONFIRMED WITH THE ENGINEER, TOWN INSPECTOR, TOWN REVIEW ENGINEER AND OWNER PRIOR TO CONSTRUCTION BEING DONE IN THE FIELD. THE CONTRACTOR SHALL KEEP ACCURATE RECORDS OF THE ALTERATIONS AND INCLUDE THEM IN THE "AS-BUILT" SUBMITTAL REQUIRED AT PROJECT CLOSEOUT.
 - ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE PLANS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
 - ANY DEFECTS THAT APPEAR IN THE WORKMANSHIP OR MATERIALS WITHIN TWO YEARS OF ACCEPTANCE BY THE OWNER SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR. THE PROJECT WARRANTY PERIOD IS 2 YEARS FOR ALL MATERIALS AND LABOR.
 - APPROVAL OF A PORTION OF THE WORK IN PROGRESS DOES NOT GUARANTEE ITS FINAL ACCEPTANCE.
 - CALL BLUE STAKE AND ANY NON-PARTICIPATING UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO BEGINNING ANY WORK FOR FIELD LOCATION OF ALL EXISTING UTILITIES WITHIN PROPOSED CONSTRUCTION AREA. CALL BLUESTAKE AT LEAST 48 HOURS BEFORE EXCAVATION AT 1-800-STAKE IT OR 602-263-1100.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING PEOPLE WHO ARE AUTHORIZED AND CERTIFIED UNDER TITLE 32-142 OF THE ARIZONA REVISED STATUTES TO PERFORM ALL PROFESSIONAL WORK REQUIRED TO COMPLETE THIS PROJECT INCLUDING CONSTRUCTION SURVEYING.
 - ALL CONSTRUCTION SHALL CONFORM TO THE UNIFORM PLUMBING, ELECTRICAL & BUILDING CODES AS ADOPTED BY MARICOPA COUNTY. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED FOLLOWING THE MANUFACTURER'S RECOMMENDATIONS.
 - THE CONTRACTOR SHALL FOLLOW THE GUIDELINES AND REGULATIONS AS SET FORTH BY OSHA.
 - IT IS THE RESPONSIBILITY OF THE INSTALLER TO VERIFY DIMENSIONS, MATERIALS REQUIRED AND ELEVATIONS PRIOR TO BIDDING OR CONSTRUCTION.

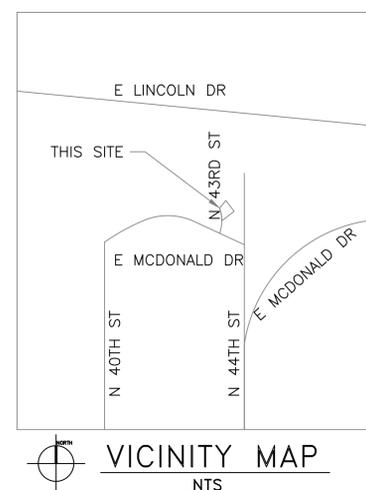
ENGINEER: KATHRYN MILLS, P.E.
 MILLS ENGINEERING, LLC
 P.O. BOX 93392
 PHOENIX, AZ 85070
 480-235-5052
 KMILLS@MILLSENG.COM

INDEX OF SHEETS

01 COVER SHEET: SITE PLAN, LEGEND, NOTES
02 CROSS SECTIONS AND CALCULATIONS



DIRECTIONS: FROM SR-51, EXIT AT E INDIAN SCHOOL RD AND TURN EAST. TURN NORTH ON N 44TH ST UNTIL YOU REACH E MCDONALD DR AND TURN SLIGHTLY WEST. FROM E MCDONALD DR, TURN RIGHT ON N 43RD ST. SITE IS THE FIRST HOUSE ON THE EAST SIDE OF N 43RD ST.



LEGEND

---	BUILDING SETBACK LINE
---	PROPERTY LINE
---	CENTER LINE
---	EASEMENT LINE
---	GAS BLUESTAKE LINE
---	WATER BLUESTAKE LINE
---	SWALE/WASH
---	NEW DISTURBED AREA BOUNDARY
M.C.R.	MARICOPA COUNTY RECORDER
○	FND PARADISE VALLEY BRASS CAP
○	FND 1/2" REBAR
○	FND 1/2" IRON PIPE
○	CABLE TELEVISION
○	ELECTRIC METER/PHONE
○	FIRE HYDRANT
○	GAS METER
○	JUNCTION BOX
○	MAILBOX
○	TRANSFORMER
○	WATER METER
○	WATER VALVE
○	PALM TREE
○	TREE
○	PINE TREE
○	SAGUARD CACTUS

REV: _____

JONES RESIDENCE
 APN: 169-22-031
 6033 N 43RD ST

GRADING AND DRAINAGE PLAN
 COVER SHEET, SITE PLAN, DETAILS AND NOTES

Mills Engineering LLC
 P.O. Box 93392, Phoenix, AZ 85070-3392, 480-235-5052, www.millseng.com

DESIGNED: KM
 DRAWN: ST
 APPROVED: KM
 DATE: 08/17
 SHEET: 1 OF 2
 SEAL: _____

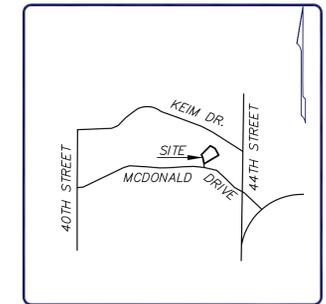
EXPIRES: 03/31/2018

TOPOGRAPHIC SURVEY

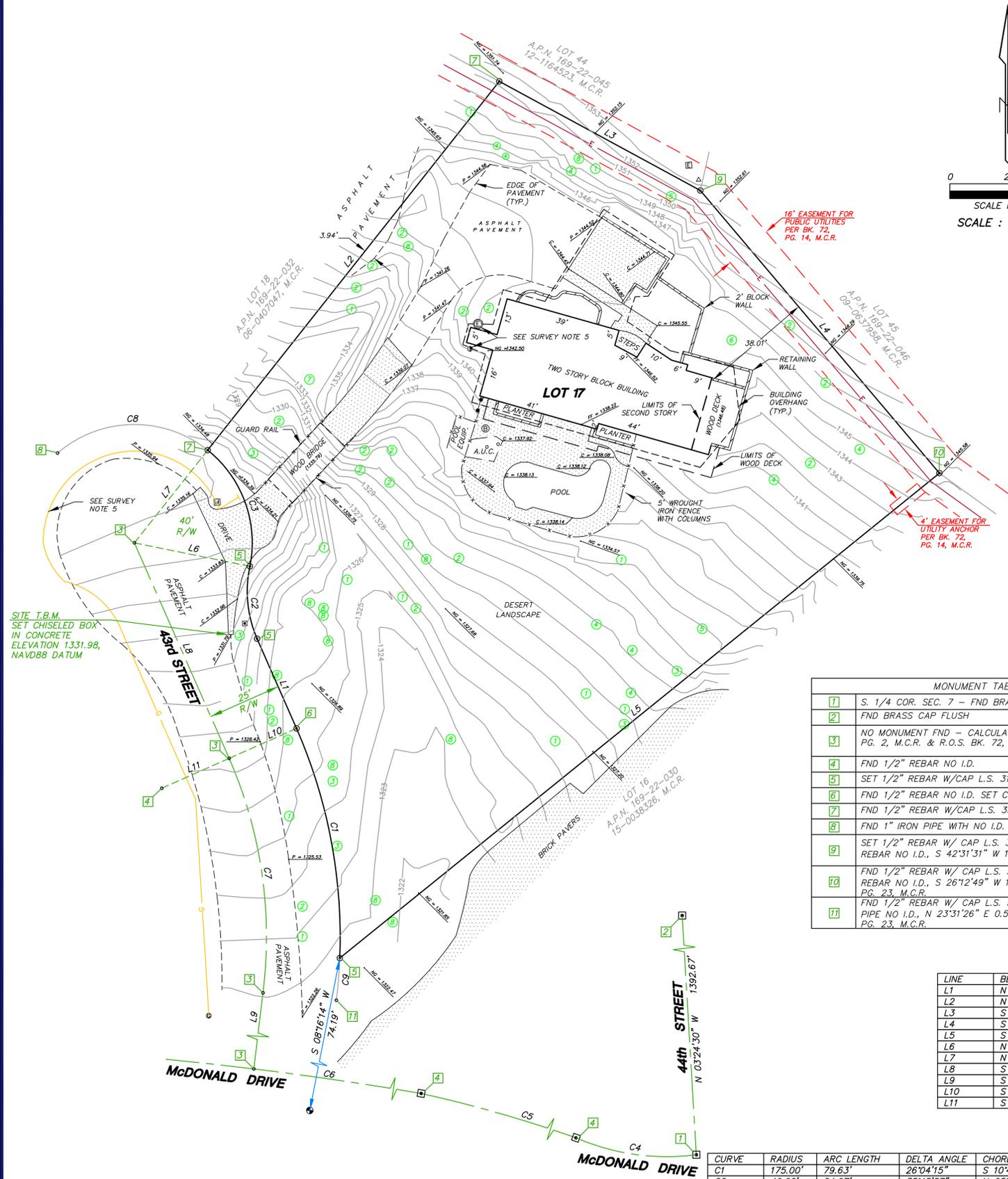
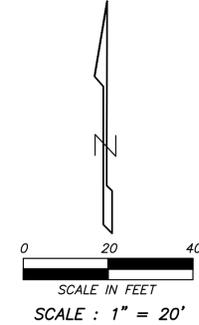
A PORTION OF THE SOUTHWEST QUARTER OF SECTION 7,
TOWNSHIP 2 NORTH, RANGE 4 EAST OF THE GILA AND SALT
RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA

LEGEND

- Property Corner (See Monument Table)
- Property Line
- Fnd Survey Monument (See Monument Table)
- ⑦ (See Monument Table)
- ④ Schedule "B" Item
- DRIVE Indicates Driveway (means of access)
- Concrete Surface
- X Fence
- Wall
- Underground Gas Line
- Underground Electric Line
- Electric Box
- Barbecue Grill
- Electric Meter
- Fire Hydrant
- Gas Meter
- Gas Valve
- Guard Post or Gate Post
- Mail Box
- Septic Lid
- Telephone Riser
- Water Meter
- A.U.C. Area Under Construction
- Tree (See Tree Table)
- P Pavement
- NG Natural Ground
- C Concrete
- T.B.M. Temporary Bench Mark
- FF Finish Floor



VICINITY MAP
NOT TO SCALE



SURVEY NOTES

- This survey has been prepared without the benefit of a title report, and is subject to all easements of record. The description used for this survey is per Deed No. 2007-1050504, M.C.R.
- BASIS OF BEARING: The monument line of 44th Street, using a bearing of North 03 degrees 24 minutes 30 seconds West, per the Plat of CAMELBACK FOOTHILLS, recorded in Book 70, Page 2, M.C.R.
- The bearings and distances depicted indicate actual field or computed measurements performed during the course of this survey. This information may vary from documents of record used for this survey.
- The building footprint and dimensions depict the general configuration of the building based on exterior measurements of the building.
- The utility information shown is limited to visible above ground evidence and/or records provided by the respective utility companies without verification by the surveyor. This survey may not depict all of the underground utilities either in service or abandoned that may exist adjacent to or within the boundaries of the subject property. No representation is made to the accuracy or completeness of any third party maps, records or information used to depict the underground utilities. An underground utility locator was not contacted and should be retained prior to excavation or construction to determine the precise location of all utilities that may exist adjacent to or within the boundaries of the subject property. There is no guarantee or warranty to the exact location or presence of any underground utilities that may actually exist adjacent to or within the boundaries of the subject property. 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 "BLUE STAKE" at 263-1100 for the precise location and extent of all utilities in the area prior to any design and/or excavation.
- The Benchmark used for this survey is the South quarter corner of Section 7, being GDACS Point Number 24540-1 having an elevation of 1312.266, NAVD88 datum, per R.O.S. Bk. 734, Pg. 10, M.C.R..

MONUMENT TABLE	
⑦	S. 1/4 COR. SEC. 7 - FND BRASS CAP IN HANDHOLE
②	FND BRASS CAP FLUSH
③	NO MONUMENT FND - CALCULATED POSITION PER BK. 70, PG. 2, M.C.R. & R.O.S. BK. 72, PG. 14, M.C.R.
④	FND 1/2" REBAR NO I.D.
⑤	SET 1/2" REBAR W/CAP L.S. 31020
⑥	FND 1/2" REBAR NO I.D. SET CAP L.S. 31020
⑦	FND 1/2" REBAR W/CAP L.S. 39130
⑧	FND 1" IRON PIPE WITH NO I.D.
⑨	SET 1/2" REBAR W/ CAP L.S. 31020 - ALSO FND 1/2" REBAR NO I.D., S 42°31'31" W 1.34' - NOT ACCEPTED
⑩	FND 1/2" REBAR W/ CAP L.S. 54404 - ALSO FND 1/2" REBAR NO I.D., S 26°12'49" W 1.15' - PER R.O.S. BK. 1252, PG. 23, M.C.R.
⑪	FND 1/2" REBAR W/ CAP L.S. 54404 - ALSO FND 1" IRON PIPE NO I.D., N 23°31'26" E 0.50' - PER R.O.S. BK. 1252, PG. 23, M.C.R.

LINE	BEARING	DISTANCE
L1	N 23°50'09" W	33.14'
L2	N 38°27'23" E	159.10'
L3	S 61°35'49" E	77.56'
L4	S 40°21'32" E	125.29'
L5	S 51°10'00" W	261.23'
L6	N 78°34'32" W	40.00'
L7	N 38°27'23" E	40.00'
L8	S 23°50'09" E	79.57'
L9	S 06°55'52" W	76.46'
L10	S 66°09'51" W	25.00'
L11	S 66°09'51" W	25.00'

CURVE	RADIUS	ARC LENGTH	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	175.00'	79.63'	26°04'15"	S 10°42'21" E	78.94'
C2	40.00'	24.97'	35°45'57"	N 05°39'48" W	24.57'
C3	40.00'	43.96'	62°58'05"	S 20°03'34" E	41.78'
C4	388.74'	339.13'	49°59'01"	N 62°08'20" W	328.48'
C5	452.97'	319.37'	40°23'50"	S 57°19'53" E	312.80'
C6	1190.00'	115.04'	05°32'20"	S 80°17'58" E	115.00'
C7	150.00'	81.03'	30°57'09"	S 08°14'58" E	80.05'
C8	40.00'	55.23'	79°07'05"	N 88°53'50" E	50.95'
C9	175.00'	14.78'	04°50'21"	S 04°44'56" W	14.78'

TREE TABLE		
TREE NO.	TREE TYPE	SIZE
①	TREE	6"
②	TREE	8"
③	TREE	10"
④	TREE	4"
⑤	TREE	20"
⑥	TREE	15"
⑦	TREE	12"
⑧	CACTUS	

PARCEL DESCRIPTION

Lot Seventeen (17), CAMELBACK FOOTHILLS UNIT II, according to the plat of record in the office of the Maricopa County Recorder, Arizona in Book 72 of Maps, Page 14.

SITE INFORMATION

ADDRESS: 6033 N. 43RD STREET, PARADISE VALLEY, ARIZONA
A.P.N.: 169-22-031
LAND AREA: 0.871 ACRES - 37,932 SQ. FT.

REFERENCE DOCUMENTS

- (R) DEED 2007-1050504, M.C.R.
- (R1) PLAT PER BOOK 70, PAGE 2, M.C.R.
- (R2) PLAT PER BOOK 72, PAGE 14, M.C.R.
- (R3) PLAT PER BOOK 375, PAGE 4, M.C.R.
- (R4) R.O.S. PER BOOK 734, PAGE 10, M.C.R.
- (R5) R.O.S. PER BOOK 1001, PAGE 38, M.C.R.
- (R6) R.O.S. PER BOOK 1023, PAGE 13, M.C.R.
- (R7) R.O.S. PER BOOK 1130, PAGE 31, M.C.R.
- (R8) R.O.S. PER BOOK 1151, PAGE 41, M.C.R.
- (R9) R.O.S. PER BOOK 1225, PAGE 2, M.C.R.
- (R10) R.O.S. PER BOOK 1252, PAGE 23, M.C.R.

SURVEYOR'S STATEMENT

I, G. Bryan Goetzenberger, hereby state 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 March, 2016, and is correct to the best of my knowledge and the monuments shown actually exist.

G. Bryan Goetzenberger
R.L.S. #31020



TOPOGRAPHIC SURVEY
6033 N. 43RD STREET, PARADISE VALLEY, ARIZONA



STATEWIDE SERVICE IN ARIZONA
www.alliancelandsurveying.com

7900 N. 70th AVENUE TEL (623) 972-2200
SUITE 104 FAX (623) 972-1616
GLENDALE, AZ 85303 contactus@azals.com

REV. _____
REV. _____