
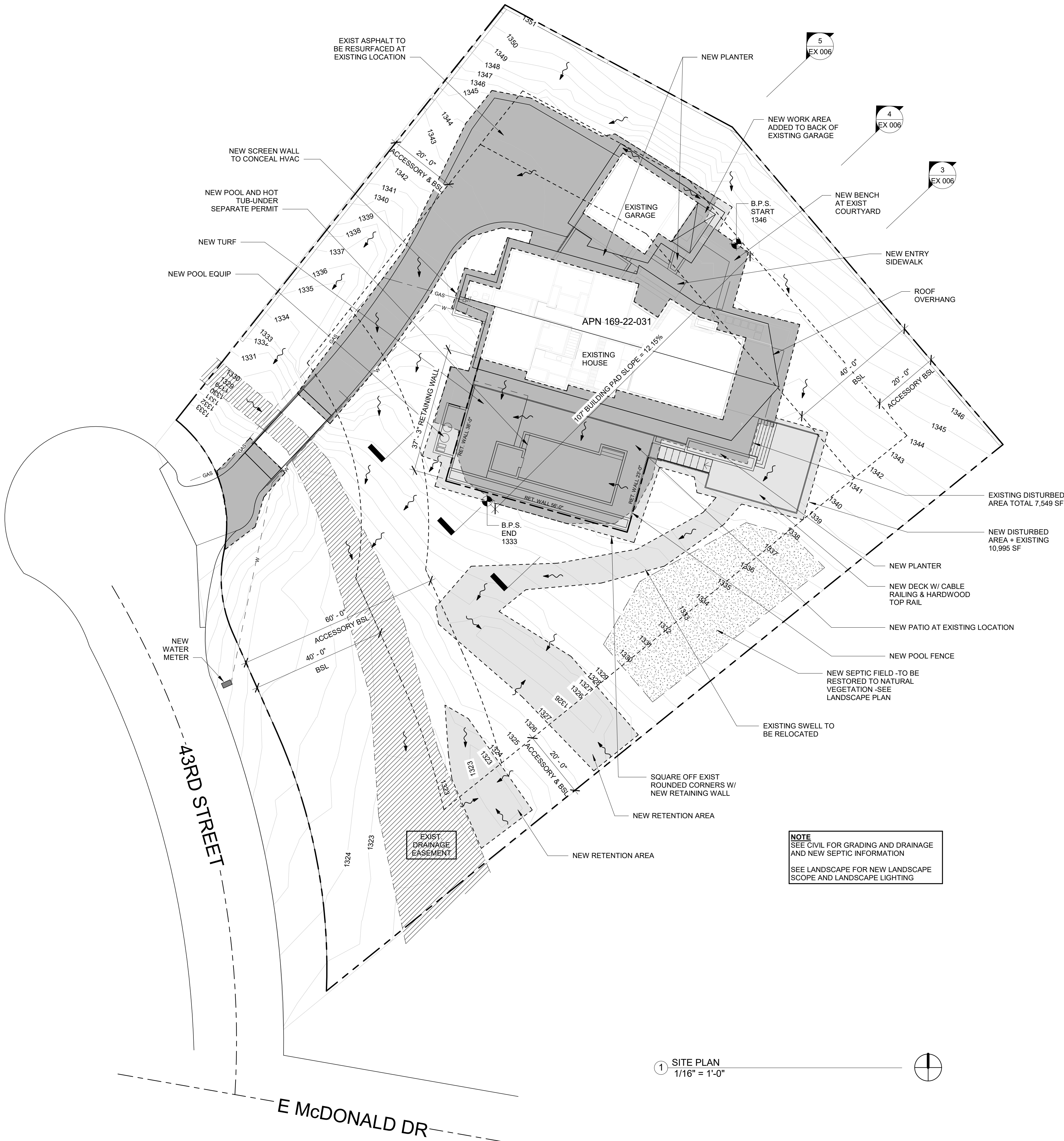


BUILDING DATA

| | | | |
|--------------------------|--|--|--|
| OWNER: | WILLIAM JONES | | |
| BUILDING ADDRESS: | 6033 NORTH 43RD ST PARADISE VALLEY, AZ 85253 | | |
| TELEPHONE: | 480.390.1044 | | |
| BUILDING CODES: | 2015 IRC 2015 IMC 2015 IPC 2010 ADAAG | 2015 IECC 2015 IFGC 2014 NEC 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 MAIN LEVEL LOWER LEVEL EXISTING GARAGE EXISTING COVERED PATIO EXISTING MECHANICAL TOTAL NEW GARAGE ADDED AREA NEW TOTAL + EXIST | 2314 484 537 1146 51 4532 88 4620 | SF SF SF SF SF SF SF SF |
| EXTERIOR AREA: | EXISTING HARDSCAPE *ADDED HARDSCAPE AREA TOTAL EXISTING DECK AREA ADDED DECK AREA | 2080 (-170) 1910 833 51 4532 | SF SF SF SF SF SF |
| | *NEW HARDSCAPE FORM SQ CORNERS & REMODEL = NEW TURF AREA = NEW HARDSCAPED AREA = | 170 SF 340 SF (-170) SF | |
| RETAINING WALLS | | | |
| | MAX RETAINING WALL LENGTH MAX VISIBLE RETAINING WALL MAX RETAINING WALL HEIGHT | 117 LF 94 LF 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 LESS SF PENALTY FOR CONCRETE & ASPHALT TOTAL ALLOWABLE | 16,864 SF (-1,494) SF 15,370 SF | |
| |  EXISTING DISTURBED AREA ADDED DISTURBED AREA NEW DISTURBED AREA TOTAL | 7,549 SF 3,446 SF 10,995 SF | |
| BUILDING HEIGHT | | | |
| | MAX BUILDING HEIGHT MAX OVERALL HEIGHT | 16'-11" 23'-3" | |
| ADDITIONAL HILLSIDE INFO | | | |
| | VOLUME CUT VOLUME FILL HILLSIDE ASSURANCE SLOPE OF DRIVEWAY % OF SLOPE STEEPER THAN NATURAL GRADE | 115 CF 110 CF \$5,375 0-13% <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"

DESIGNED BY

DESIGNLAB

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



EXPIRES 4/1/18

PROJECT ADDRESS

6033 NORTH 43RD ST
PARADISE VALLEY, AZ
85253

OWNER / PROJECT

JONES
RESIDENCE

EXTERIOR
IMPROVMENTS

| # | DATE | REVISIONS DESCRIPTION |
|---|------|--------------------------|
|---|------|--------------------------|

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Scale As indicated

SITE PLAN

EX 000

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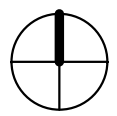
| | |
|----------------|---------------|
| Project Number | 160809 |
| Date | 8/27/17 |
| Scale | 1/16" = 1'-0" |

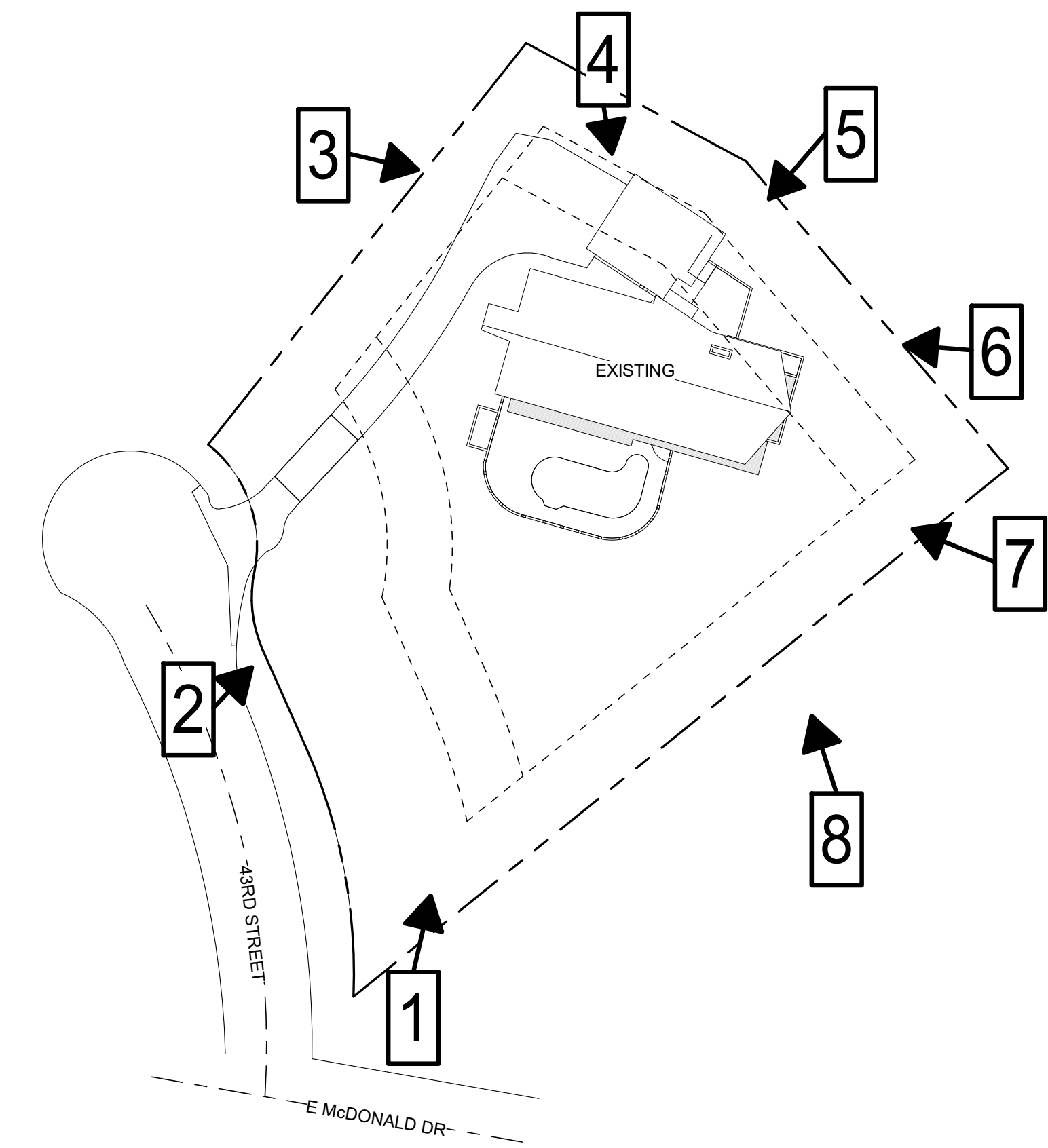
COLOR SITE PLAN

EX 001



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





1 EXISTING PHOTO KEY PLAN
1" = 40'-0"

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IMPROVMENTS**

| | | REVISIONS |
|---|------|-------------|
| # | DATE | DESCRIPTION |

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

EXISTING PHOTOS

EX 002



4



5



3



6



2



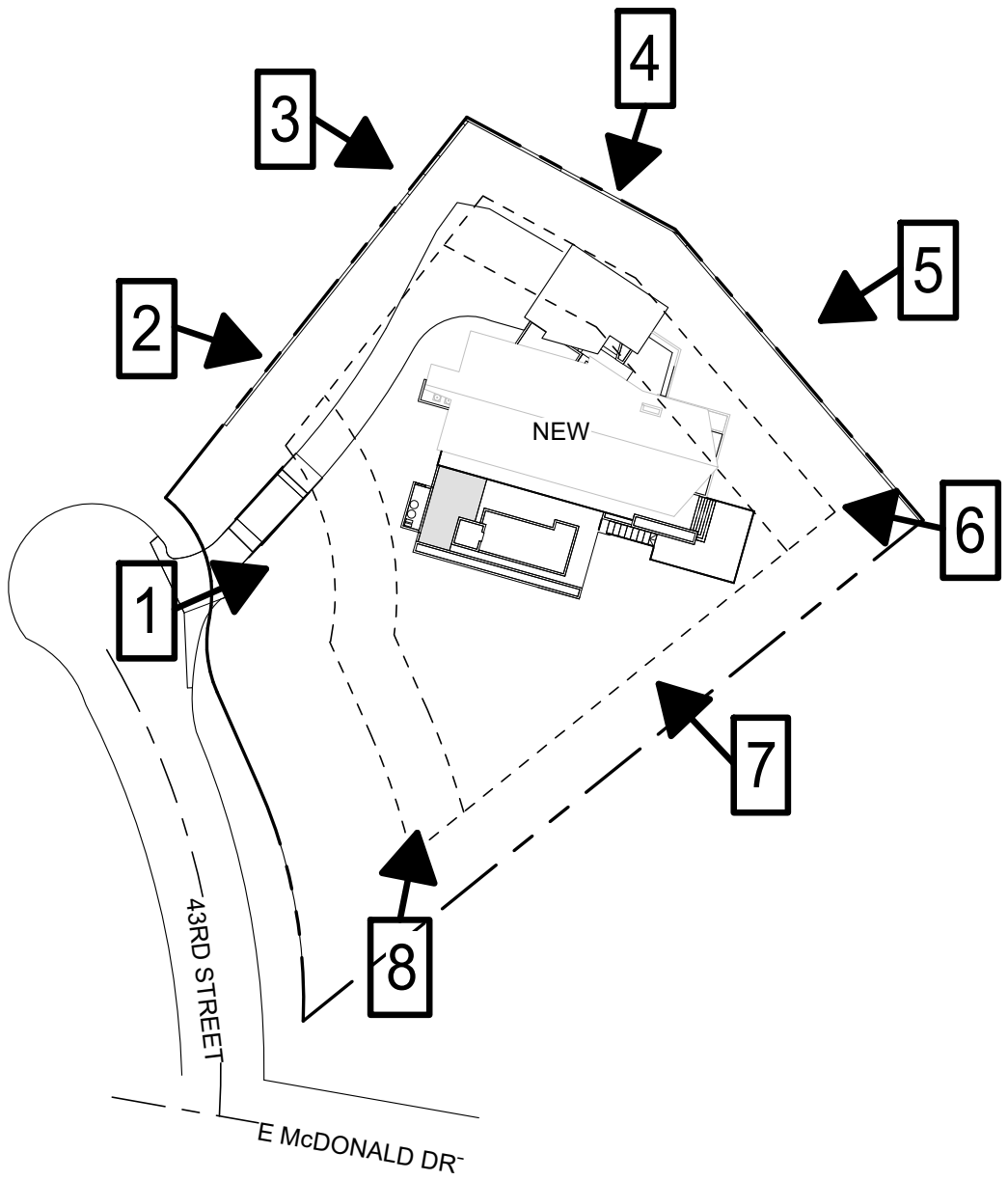
7



1



8



⑨ 3D VIEW KEY PLAN
1" = 60'-0"

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85253**

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**EXTERIOR
IMPROVMENTS**

| # | | DATE | REVISIONS DESCRIPTION |
|---|--|------|--------------------------|
|---|--|------|--------------------------|

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

3D VIEWS

EX 003



EXPIRES 4/1/18

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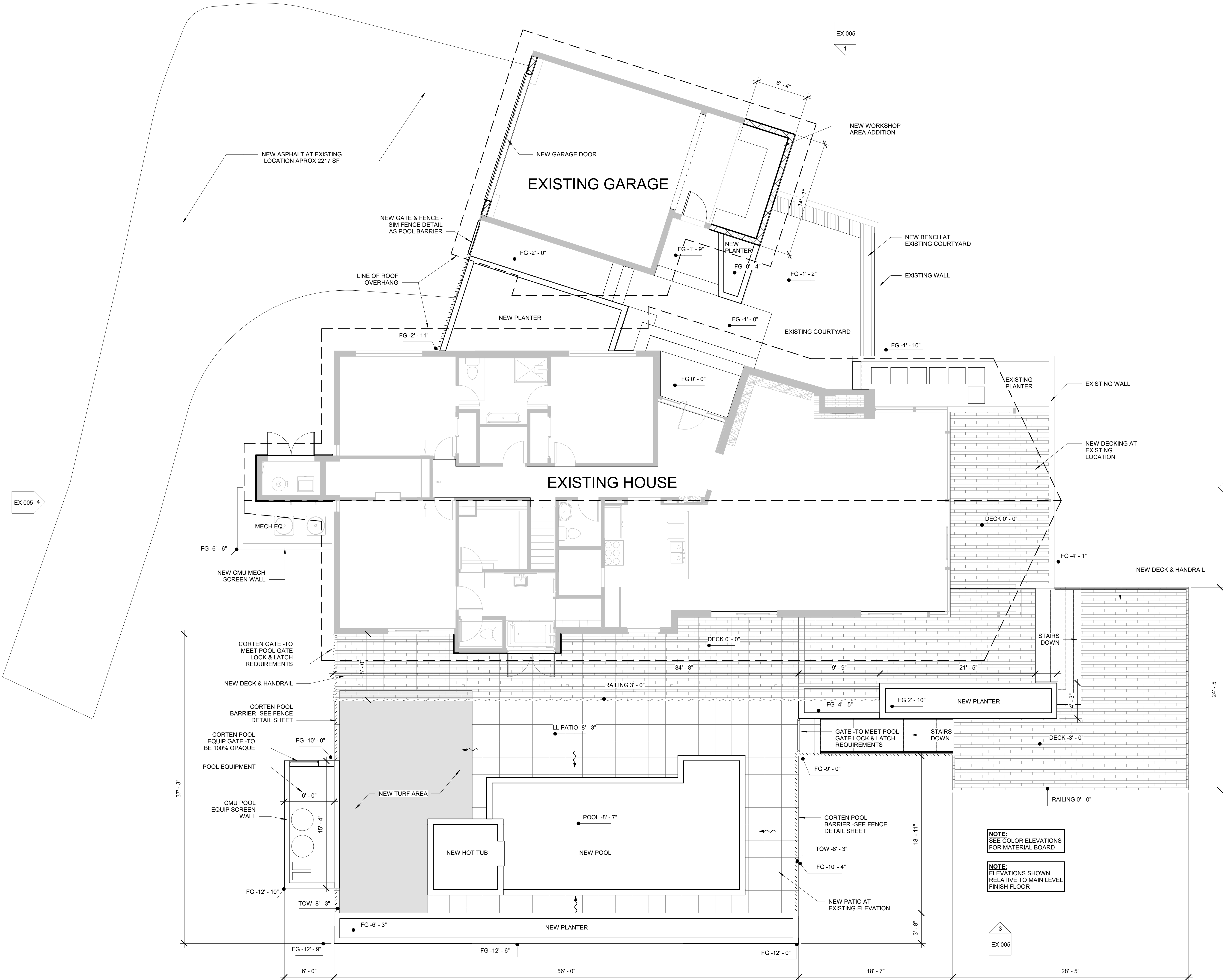
| # | DATE | REVISIONS DESCRIPTION |
|---|------|--------------------------|
|---|------|--------------------------|

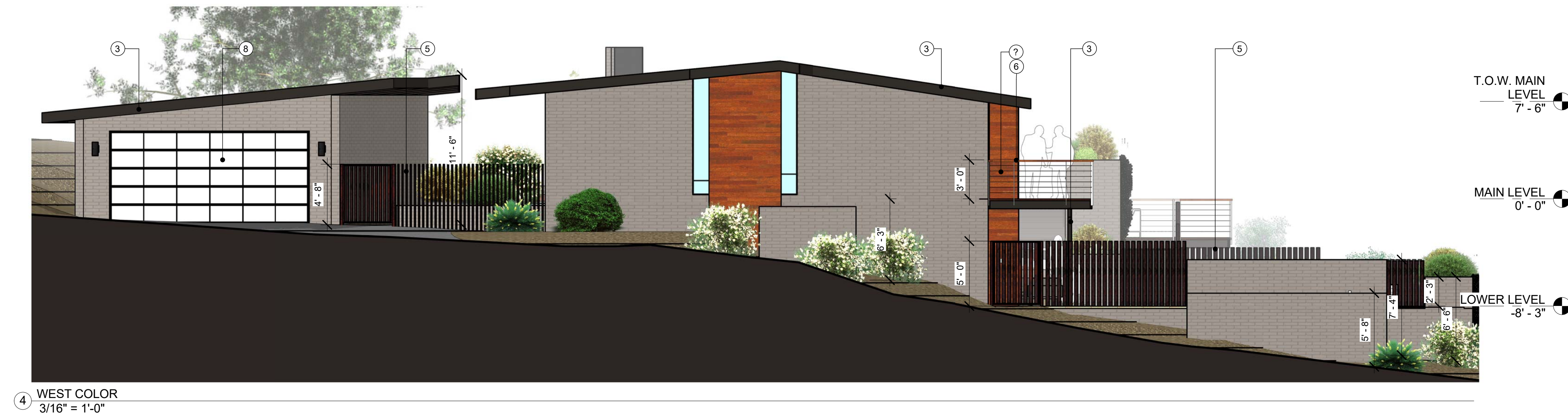
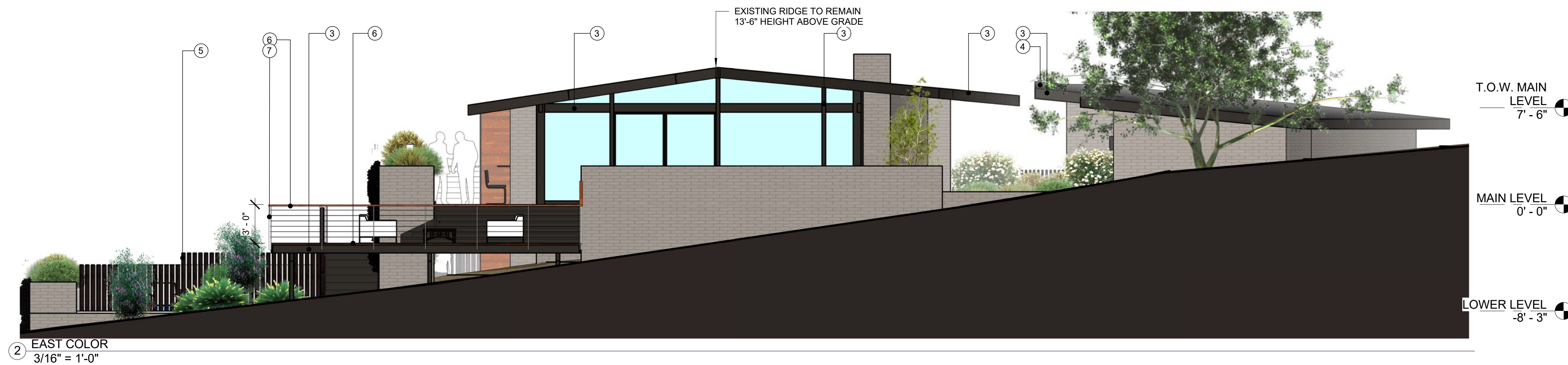
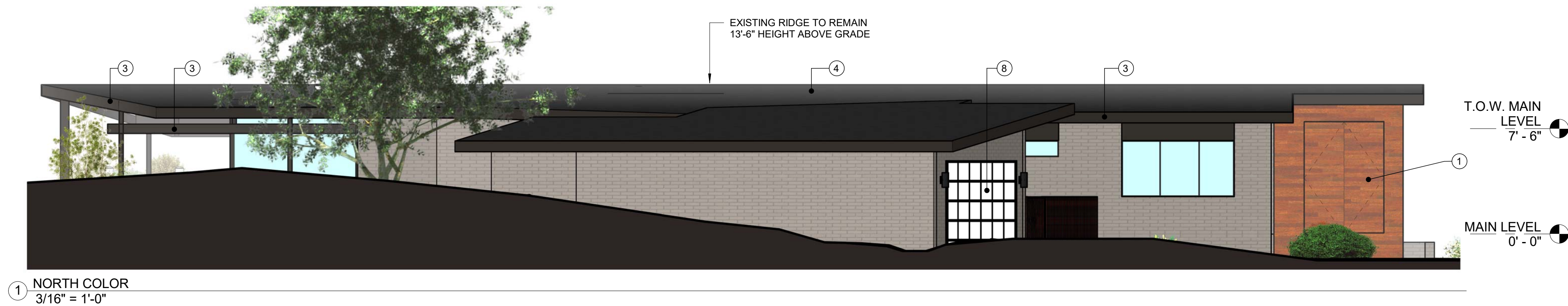
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Date 8/27/17
Scale 3/16" = 1'-0"

FLOOR PLAN

EX 004





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% | |

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COLOR ELEVATIONS

EX 005

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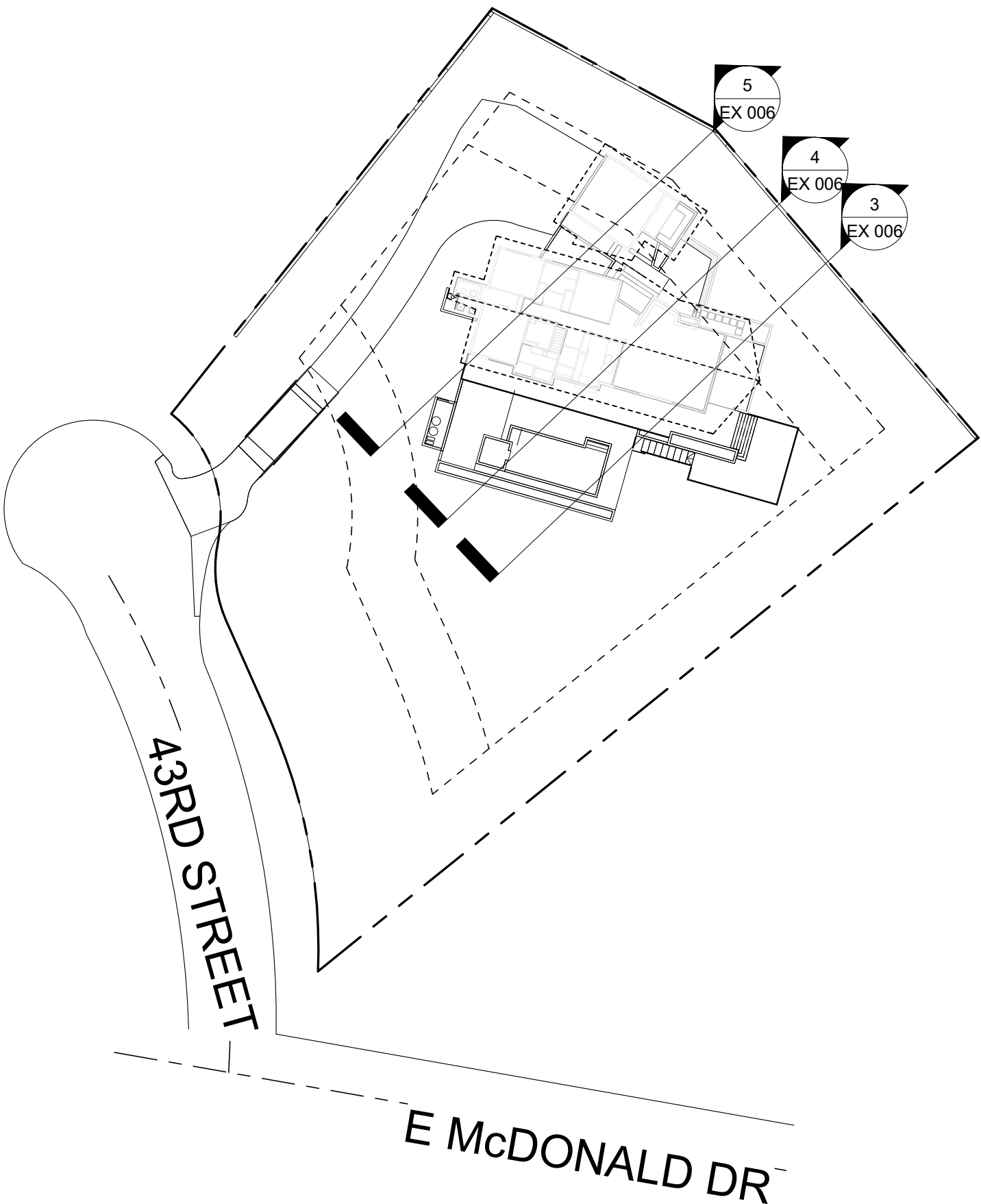
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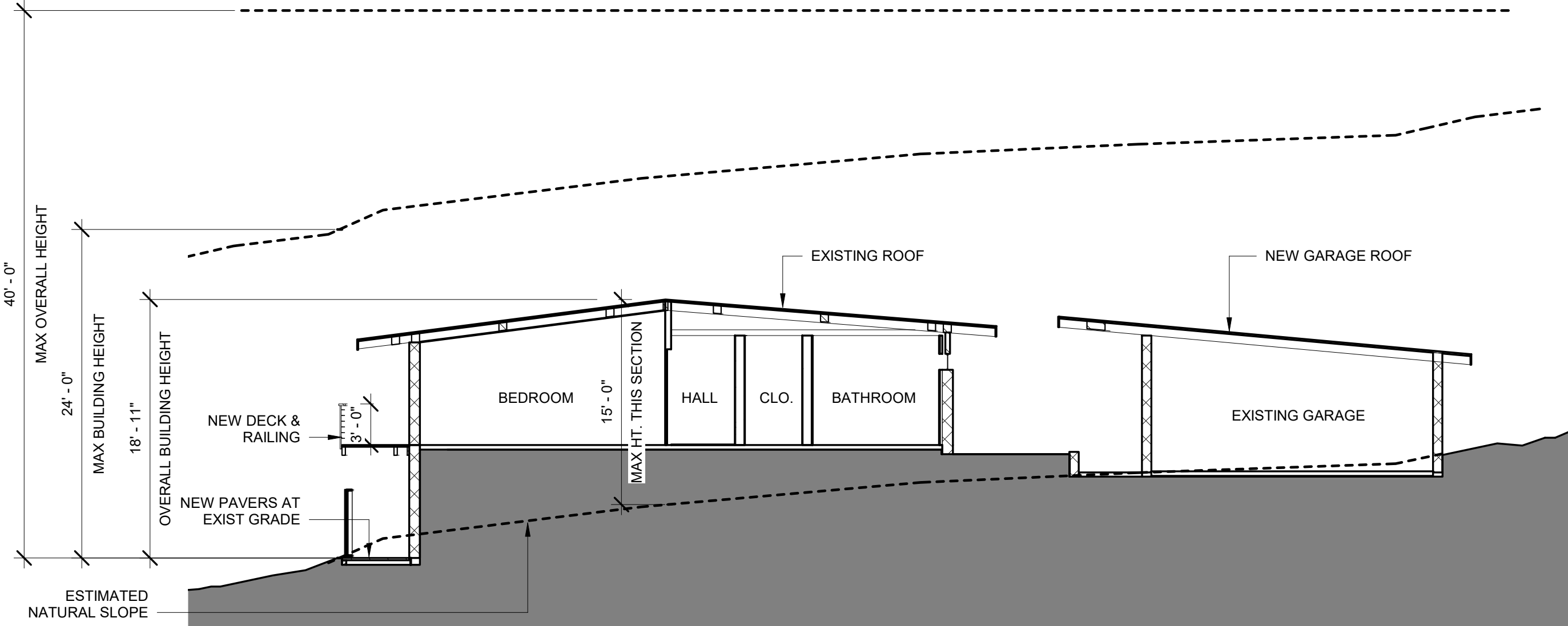
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Date 8/27/17
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SECTIONS

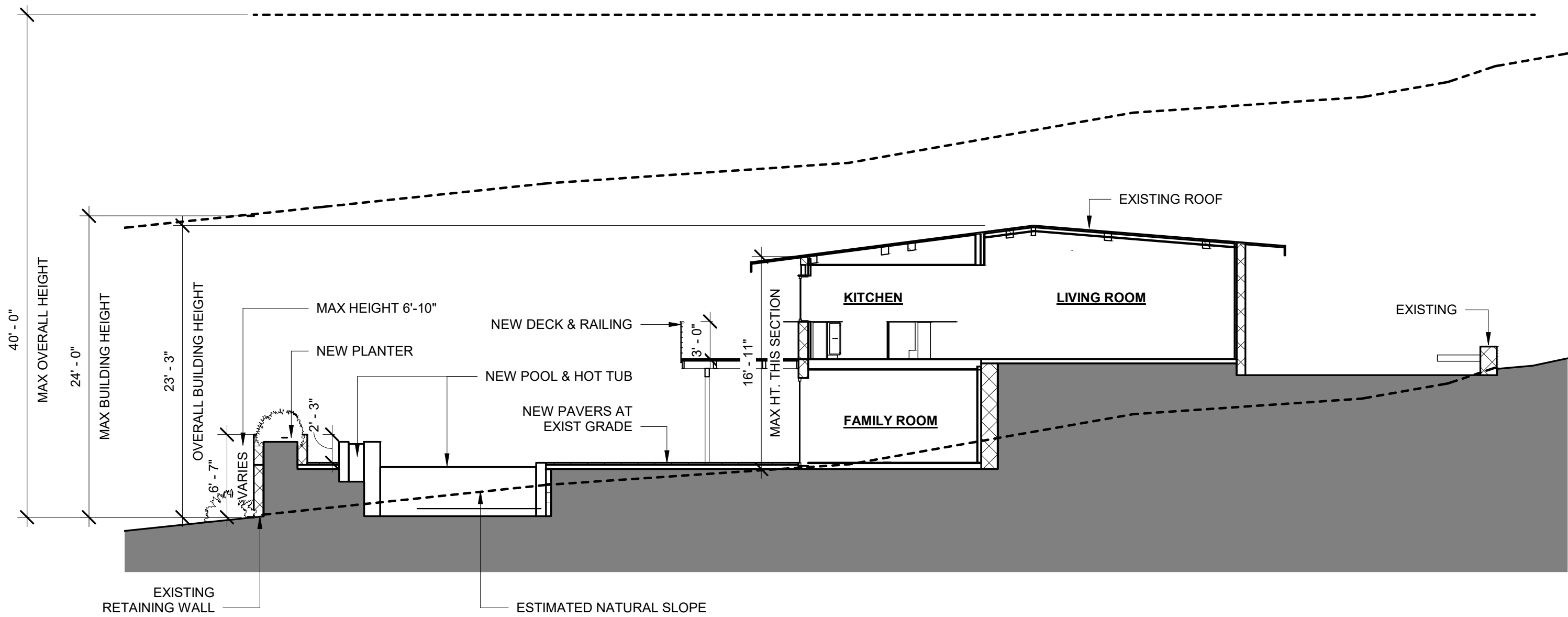
EX 006



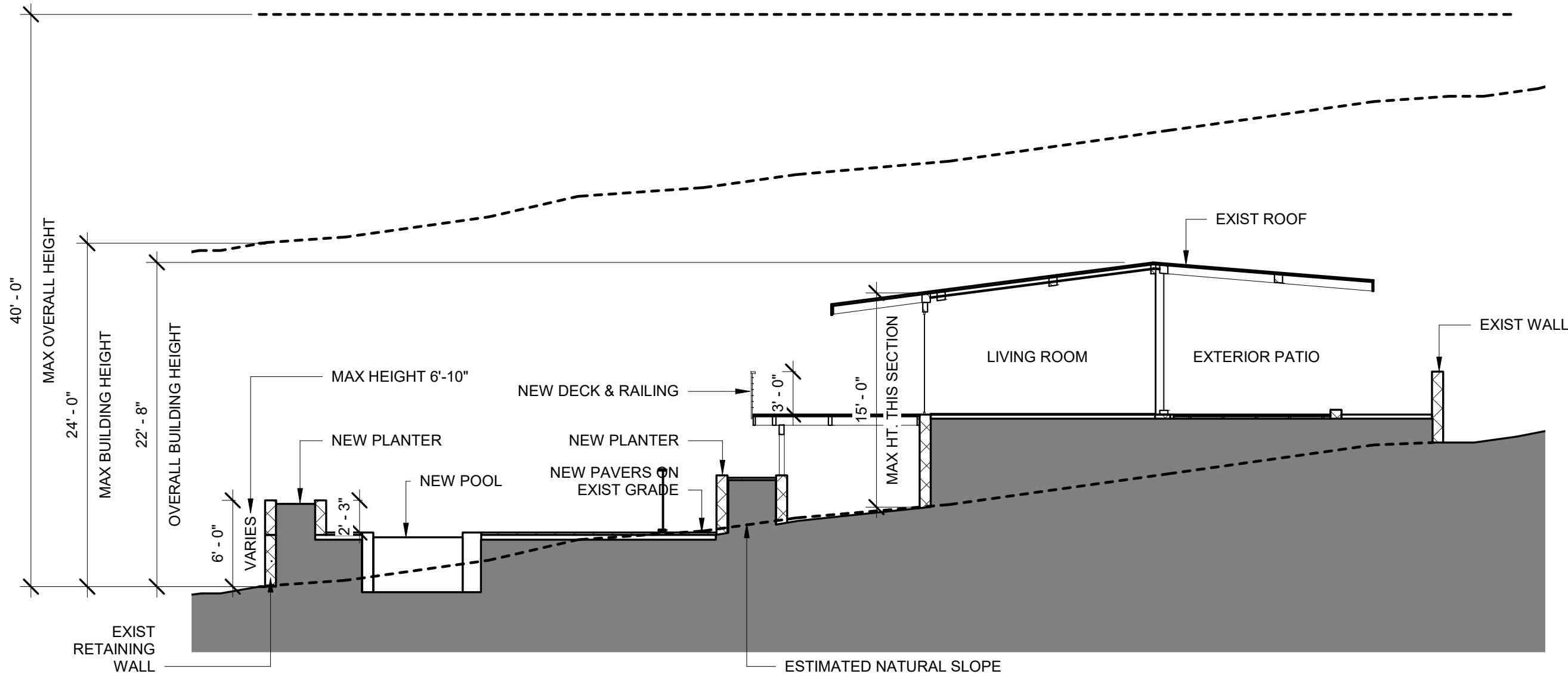
1 SITE SECTION KEY PLAN
1" = 40'-0"



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



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



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

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REVISIONS

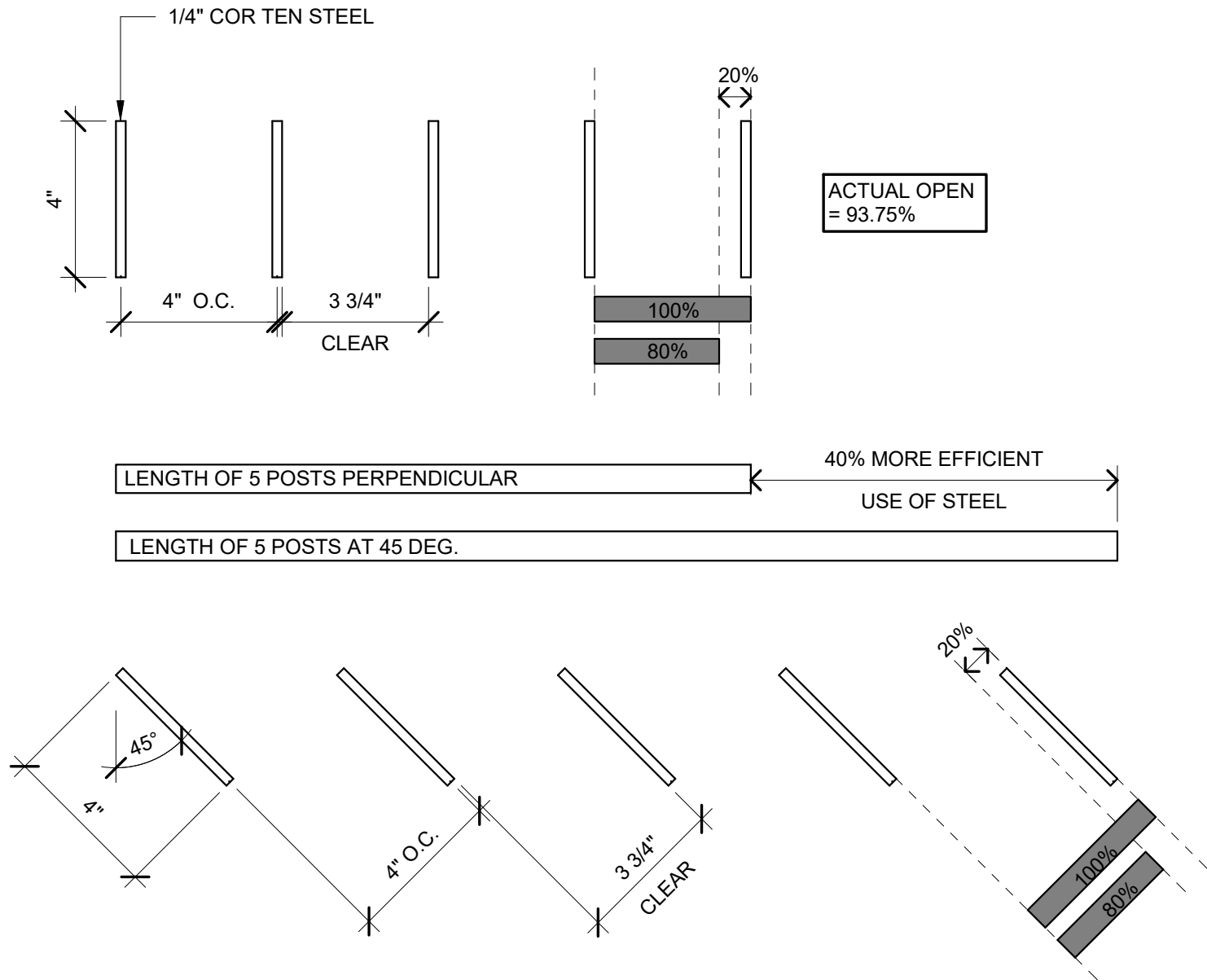
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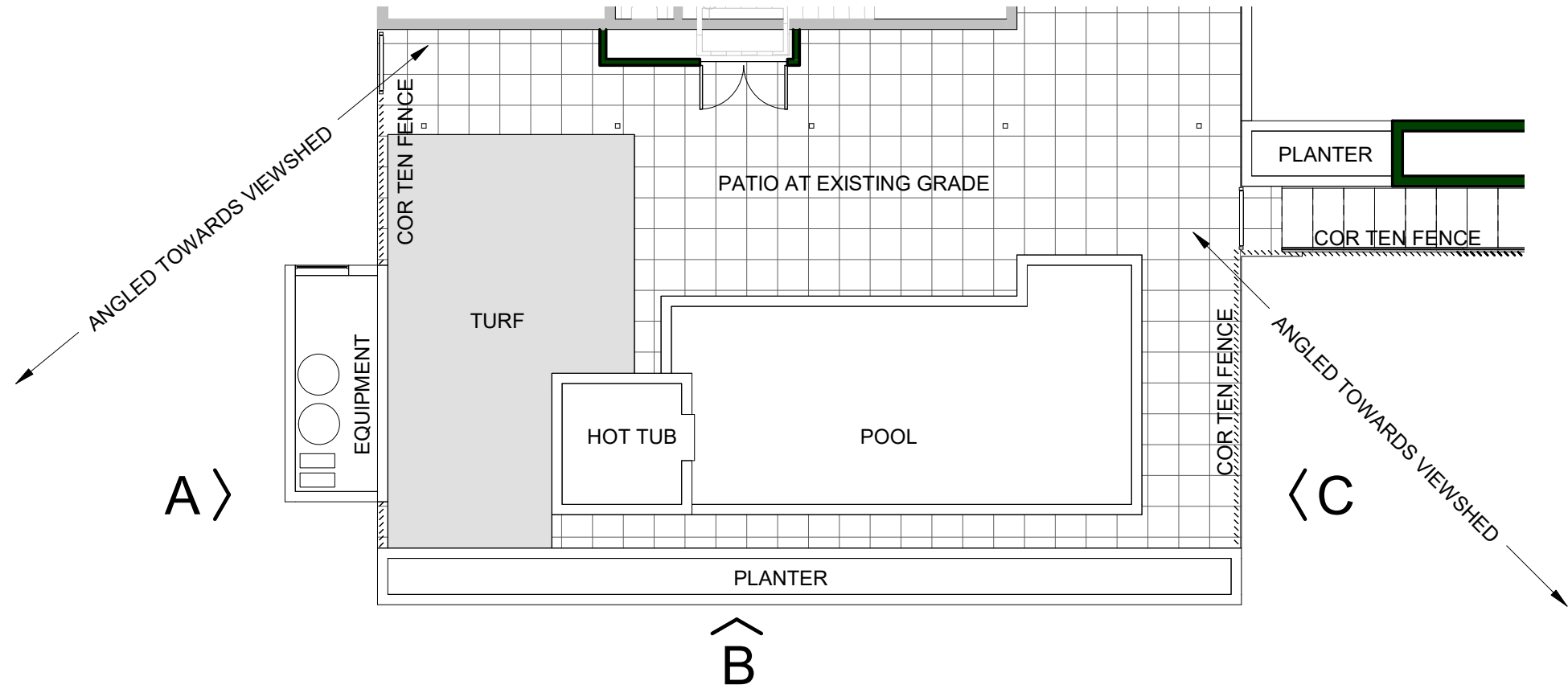
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|----------------|--------------|
| Project Number | 160809 |
| Date | 8/27/17 |
| Scale | As indicated |

FENCE ELEVATIONS &
DETAILS

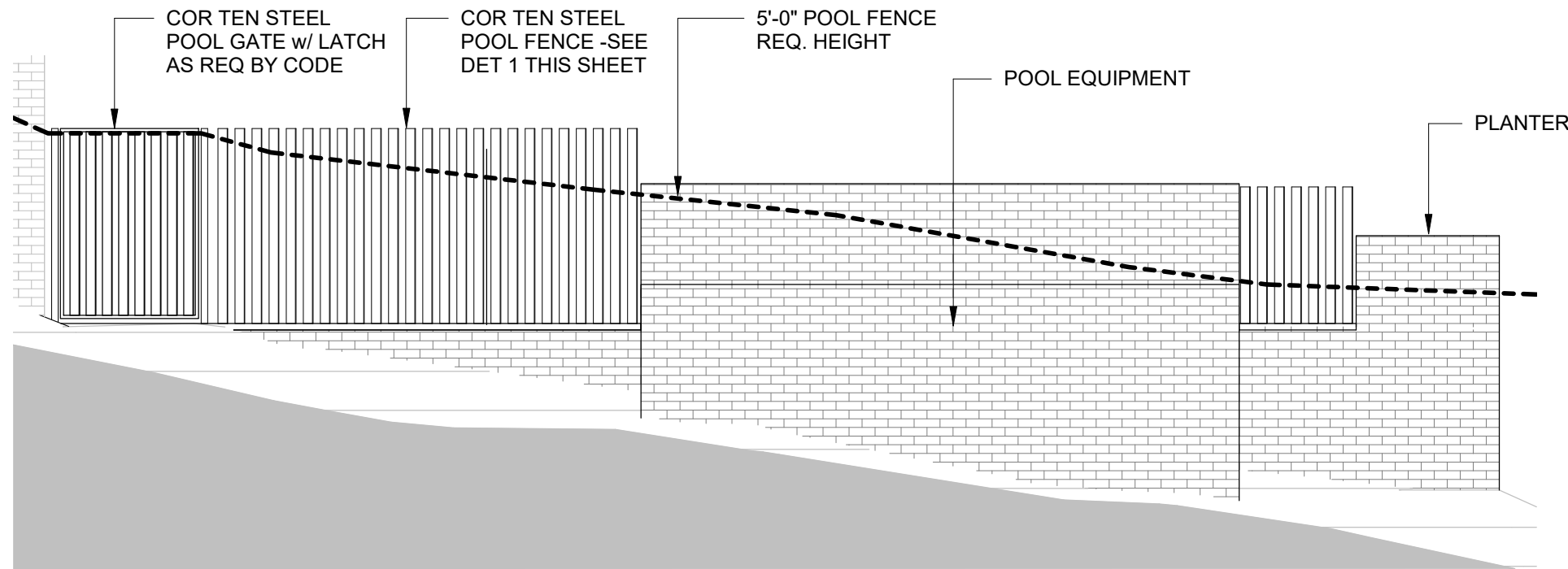
EX 007



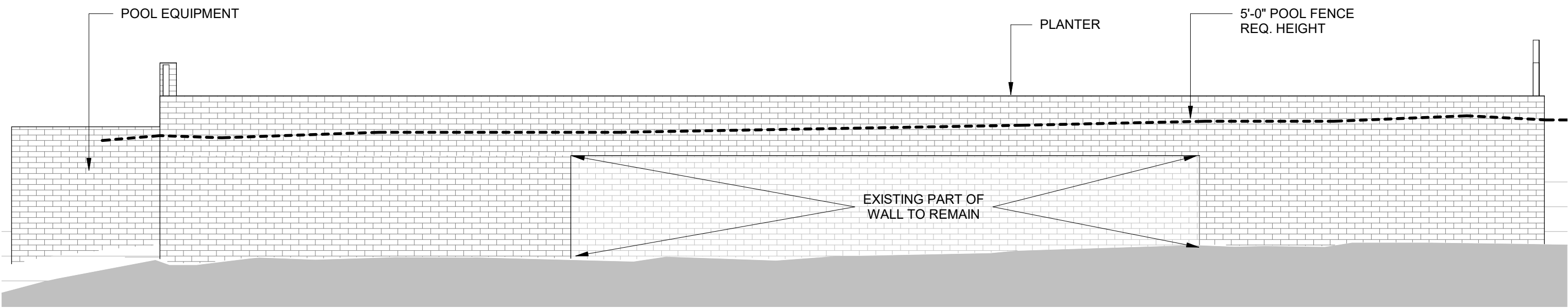
1 FENCE DETAIL
3" = 1'-0"



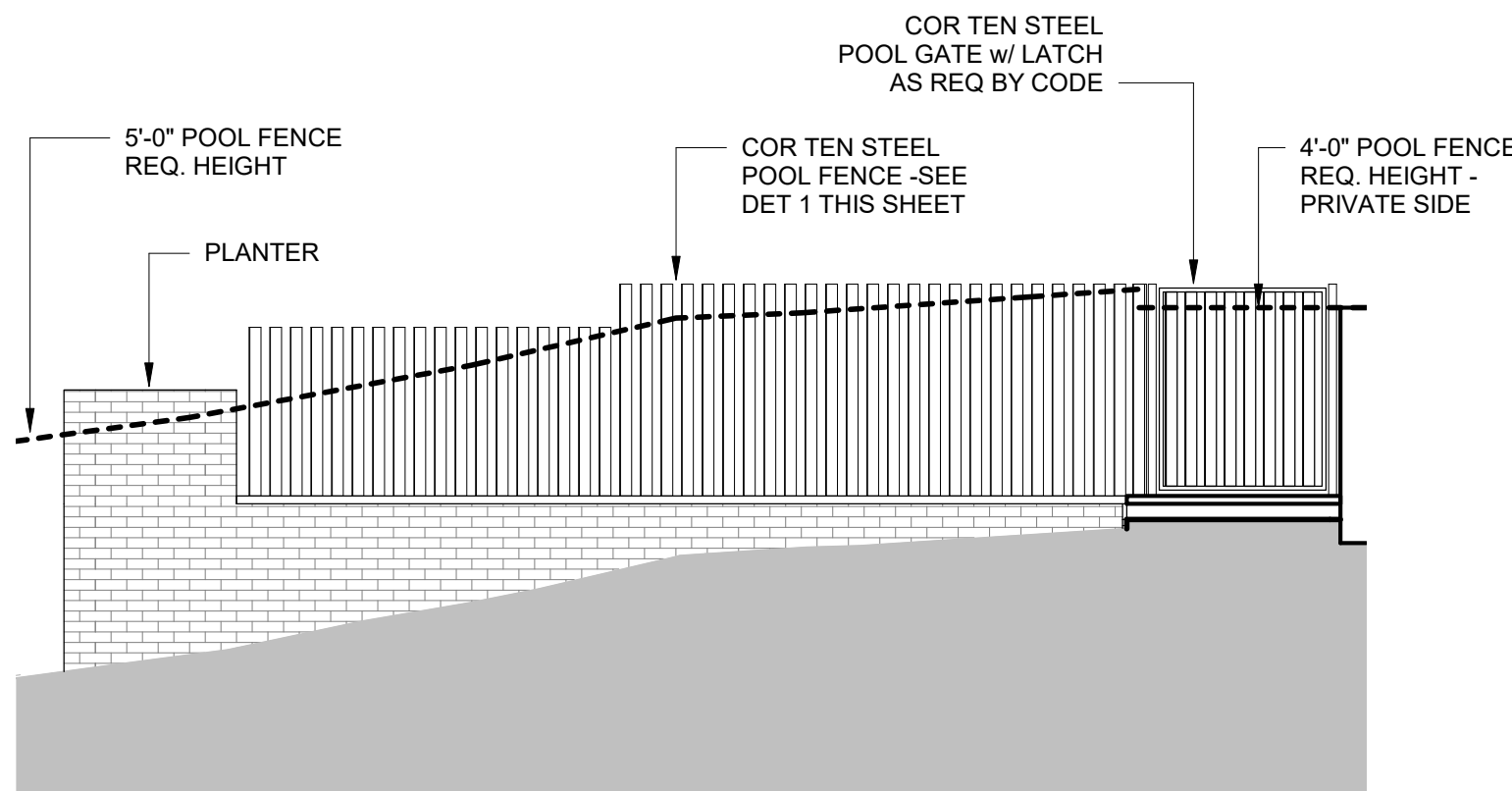
2 FENCE VIEWSHED PLAN
1" = 10'-0"



A POOL FENCE A
1/4" = 1'-0"



B POOL FENCE B
1/4" = 1'-0"



C POOL FENCE C
1/4" = 1'-0"



EXPIRES 4/1/18

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85253**

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EXTERIOR IMPROVMENTS

REVISIONS
DESCRIPTION

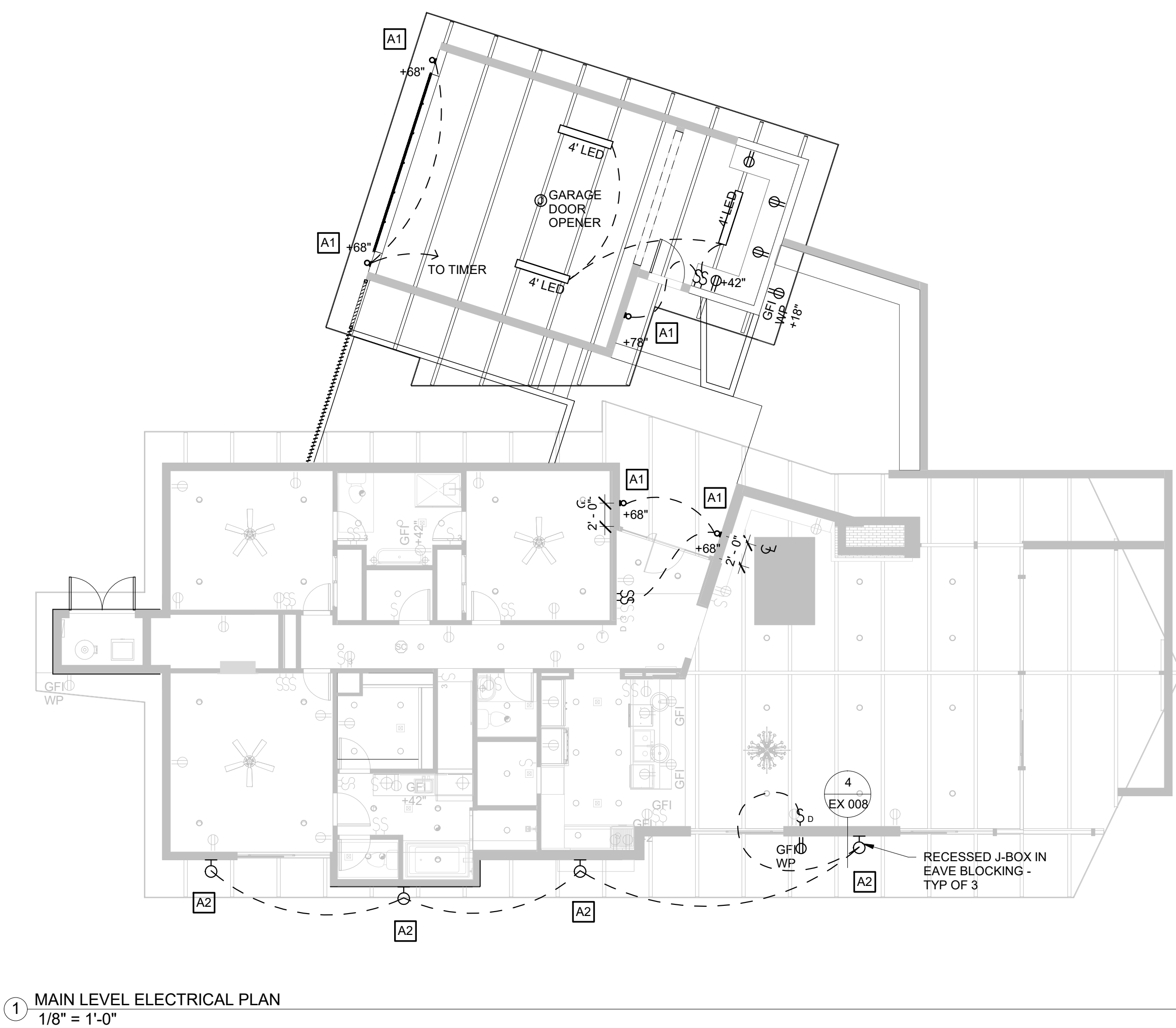
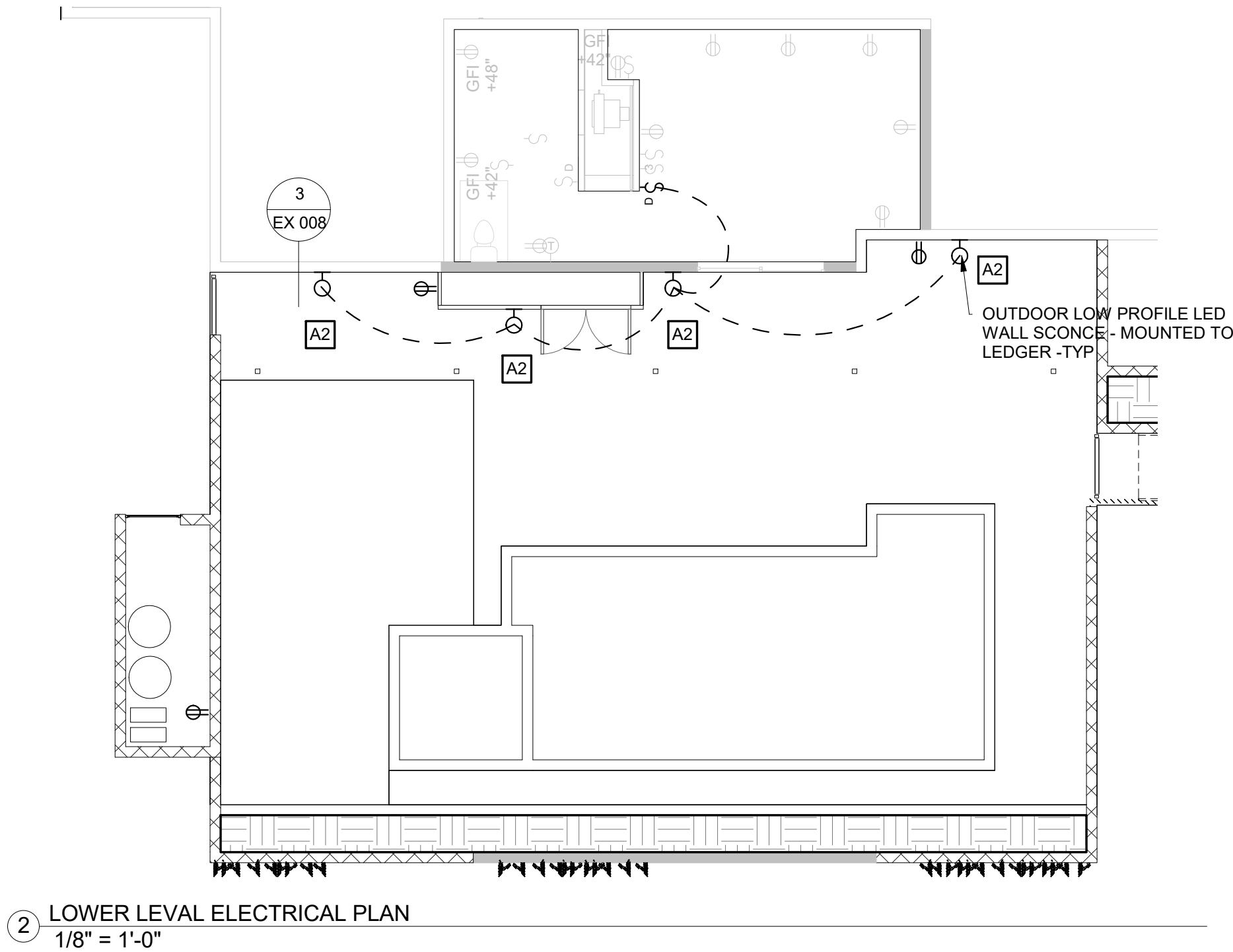
DATE

Project Number
Date
Scale

160809
8/27/17
As indicated

EXTERIOR ELECTRICAL PLANS

EX 008



EXTERIOR LIGHTING TABLE

| TAG | PRODUCT | MANUFACTURER | MODEL | WATTS | LUMENS | COUNT |
|-----|------------------|---------------|---------------------|-------|--------|-------|
| A1 | DOWNLIGHT SCONCE | WAC LIGHTING | WS-W36610 | 11 | 735 | 5 |
| A2 | DOWNLIGHT SCONCE | 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 face to the rest of the Pitch wall sconce light from Tech Lighting. Single includes 10 watt, 700 lumens, 3000K LED. Double includes 20 watt, 1400 lumens, 3000K LED. Triple includes 30 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 / 0.77kg ±



ORDERING INFORMATION

| 700WSPIT | SHAPE OR SIZE | FINISH | LAMP |
|----------|---------------|--------|----------------------------|
| D | DOUBLE | BLACK | 4000K LED 10-20W 220V-277V |
| S | SINGLE | SILVER | 4000K LED 10-20W 220V-277V |
| T | TRIPLE | | |



700WSPIT [D] [S] [T] [4000K] [277V]

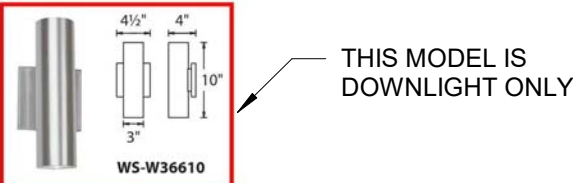
PROFILE TYPE: _____

JOB NAME: _____

NOTES: _____

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CALIBER - model: WS-W366 dwellLED™ LED Outdoor



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 from the elements
- Can be mounted vertically or horizontally
- 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

| | | Watt | LED Lumens | Delivered Lumens | Finish | |
|-----------------------|-----------|------|------------|------------------|--------|------------------|
| 10" | WS-W36610 | 11W | 735 | 500 | AL | Brushed Aluminum |
| | | | | | BZ | Bronze |
| 14" | WS-W36614 | 21W | 1500 | 1140 | BK | Black |
| Example: WS-W36614-AL | | | | | | |

Example: WS-W36614-AL

WAC LIGHTING Responsible Lighting®

Fixture Type: _____

Catalog Number: _____

Project: _____

Location: _____

SPECIFICATIONS

Construction: Aluminum and White Diffuser Lens

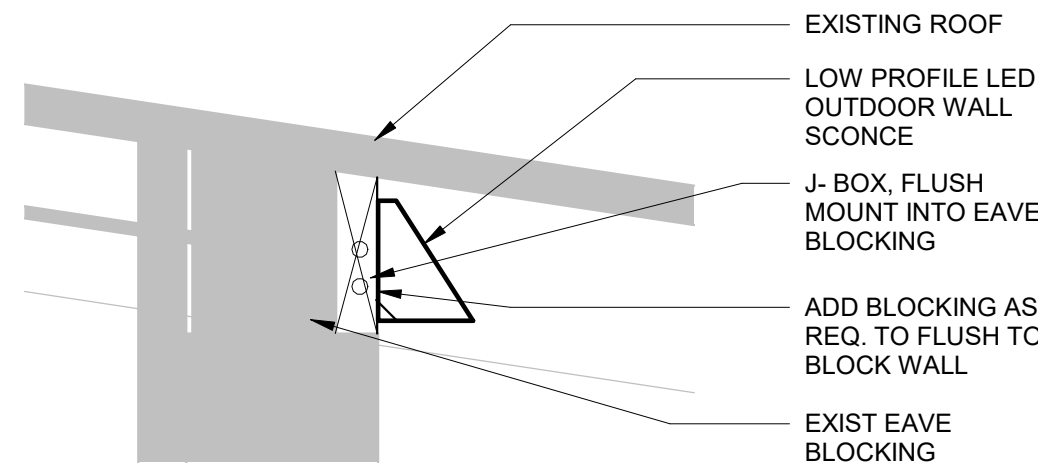
Light Source: High output LED.

Finish: Brushed Aluminum (AL), Black (BL), Bronze (BZ)

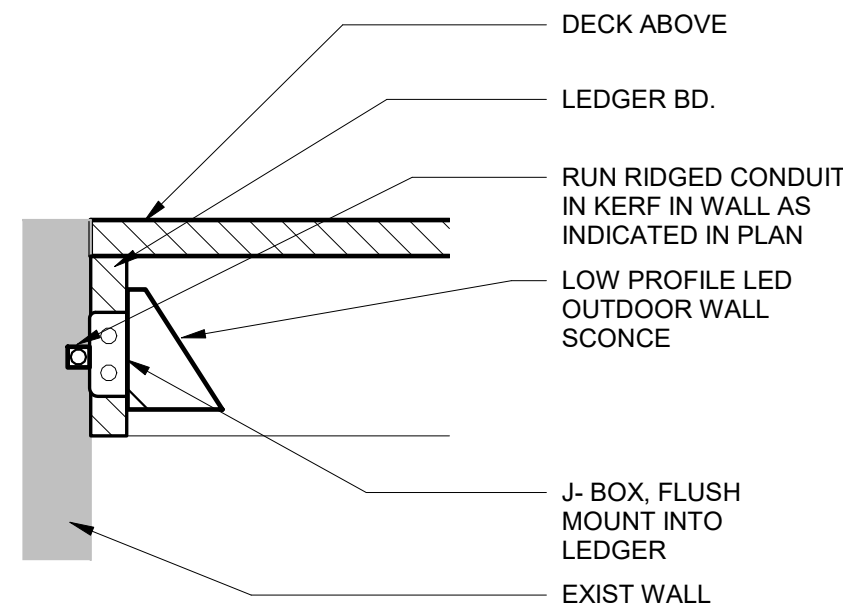
Standards: ETL & cETL wet location listed, IP 65, CEC Title 24

wacighting.com
Phone: (800) 526-2388
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"



A2

A1

③ DECK LIGHT 1 1/2" = 1'-0"

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 |

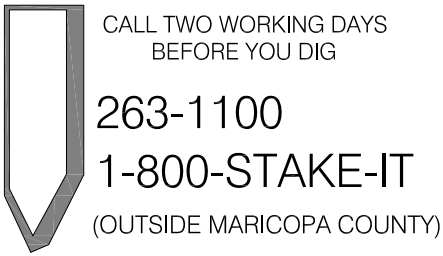


30 August 2017

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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 |
| | Blue Palo Verde (multi trunk) | Cercidium floridum | 24" Box | 0 |
| | Chilean Mesquite (multi trunk) | Prosopis chilensis | 36" Box | 1 |
| | Chilean Mesquite (multi trunk) | Prosopis chilensis | 24" Box | 0 |
| | 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 |
| | Groundcover | | | |
| | Brittlebush | Eriodolia latifolia | 1 Gal | 10 |
| | Red Yucca | Hesperaloe parviflora | 5 Gal | 7 |
| | Chuparosa | Justicia californica | 5 Gal | 5 |
| | Creosote Bush | Larrea tridentata | 5 Gal | 4 |
| | Vines | | | |
| | Yellow Orchid Vine - Staked | Mascagnia macroptera | 5 Gal | 7 |
| | Regal Mist | Muhlenbergia capillaris | 5 Gal | 7 |
| | Trailing Rosemary | Rosmarinus officinalis | 5 Gal | 52 |
| | Purple Rue | Ruellia brittoniana | 5 Gal | 22 |
| | Succulents | | | |
| | Jojoba | Simmondsia chinensis | 5 Gal | 6 |
| | Star Jasmine Vine Espalier | Trachelospermum jasminoides | 5 Gal | 0 |
| | Cactus & Succulents | | | |
| | Aloe Ferox | Aloe Ferox | 15 Gal | 0 |
| | Other | | | |
| | 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 |
| Stabilized Granite Patio | | Existing (salvage from site) | 2" Deep Stabilized Decomposed Granite | Existing |

| Pot Planting List | | | | | |
|-------------------|---|------------------------------------|--------|----------------|-----|
| Pot | Plant Name | Botanical | Size | Plants Per Pot | Qty |
| | Full Sun Pots | | | | |
| | 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

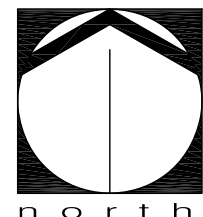
Project Number:

Date:
30 August 2017

Sheet Number:

2 of 6

scale 1"=10'-0"



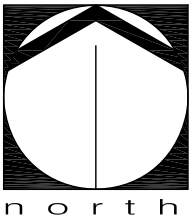
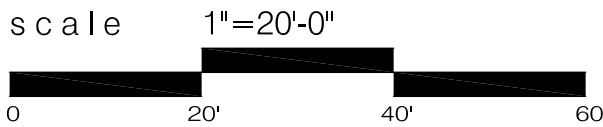


| TREE TABLE | | |
|------------|-----------|------|
| TREE NO. | TREE TYPE | SIZE |
| 1 | TREE | 6" |
| 2 | TREE | 8" |
| 3 | TREE | 10" |
| 4 | TREE | 4" |
| 5 | TREE | 20" |
| 6 | TREE | 15" |
| 7 | TREE | 12" |
| 8 | CACTUS | |

NATIVE PLANT VENDOR:

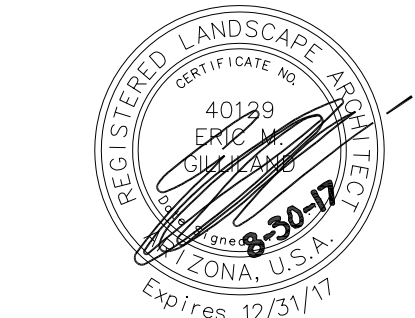
Tree Relocators, Inc.
6502 N. 81st Place
Scottsdale, AZ
480-947-6118
treerelocators@cox.net

Contact: Neil Price 602-376-9986



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Paradise Valley, Arizona 85253



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Sheet Title:

Native Plant
Inventory

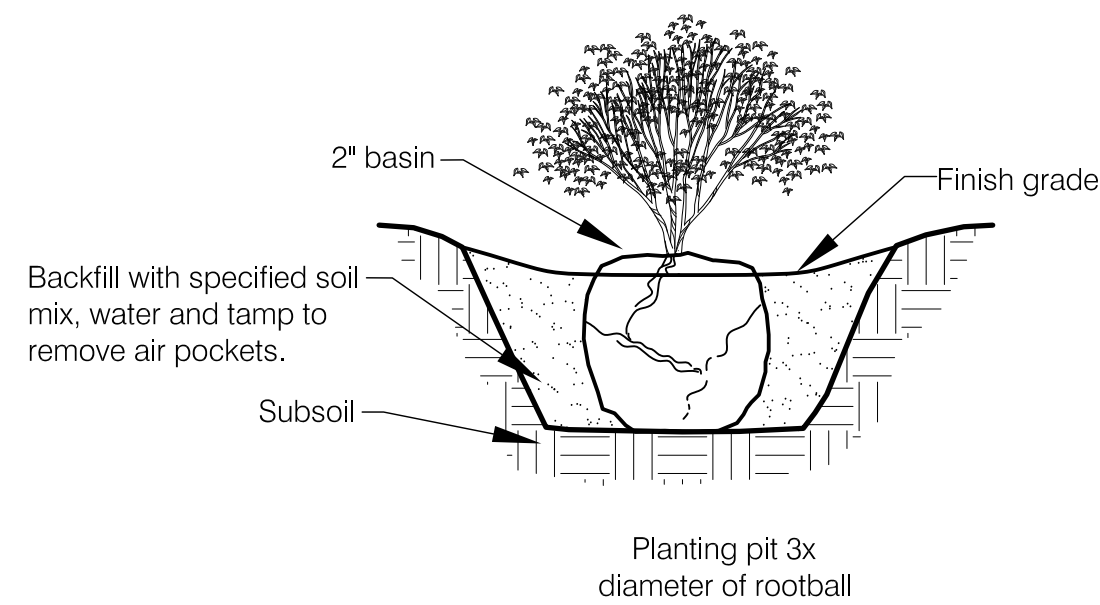
Project Number:

Date:

30 August 2017

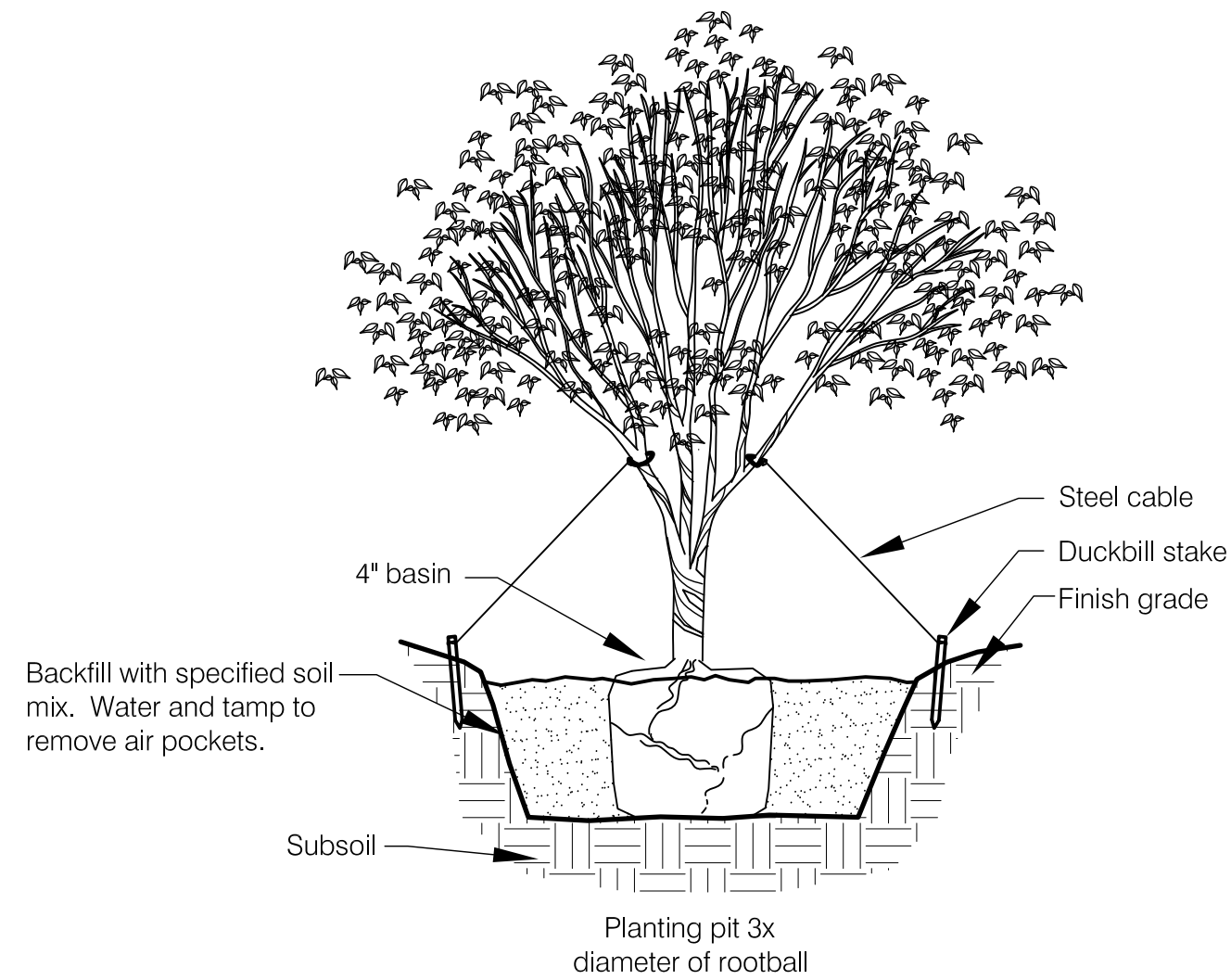
Sheet Number:

3 of 6



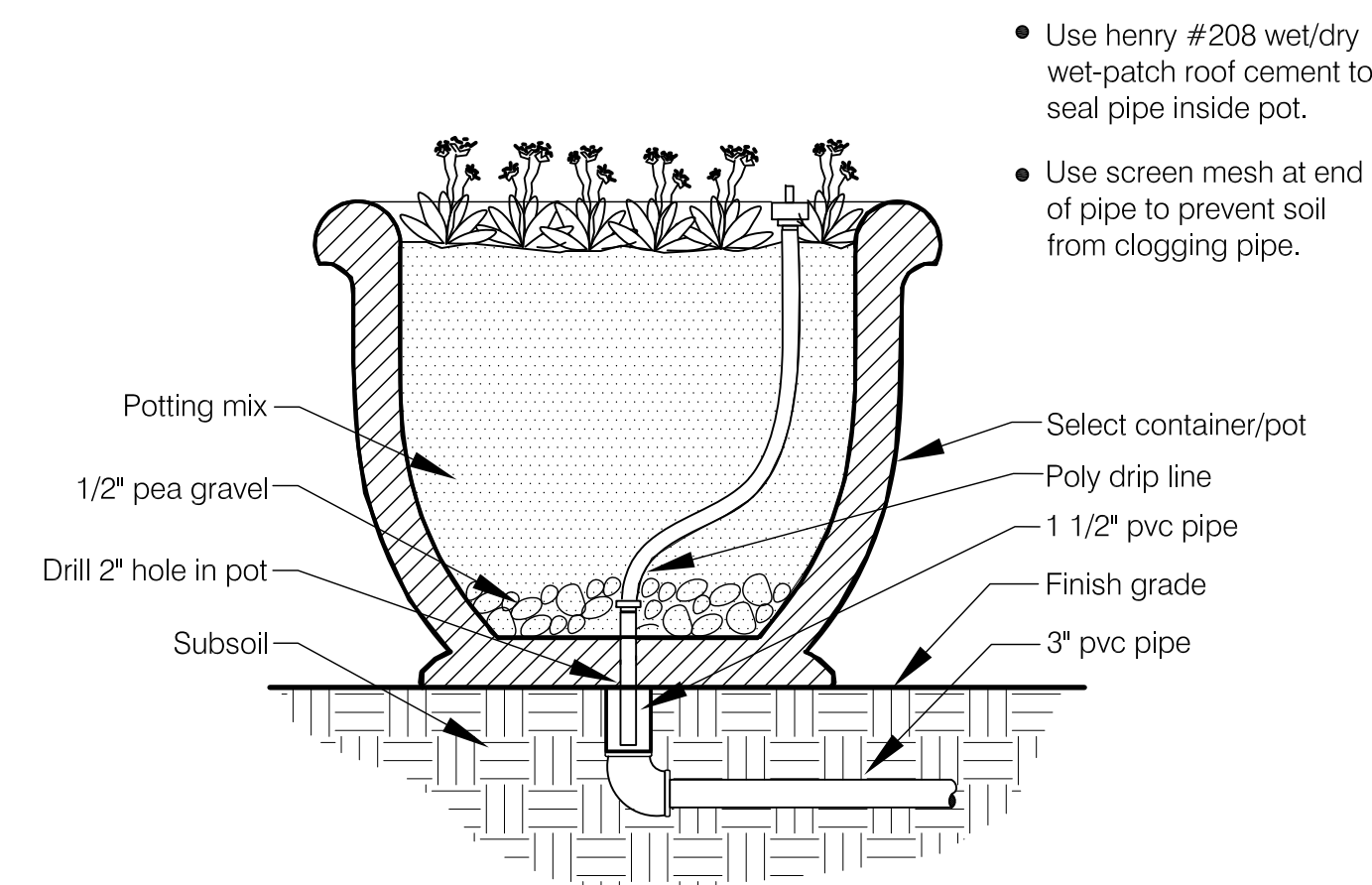
A Shrub Planting

Scale: 1-1/2"=1'-0"



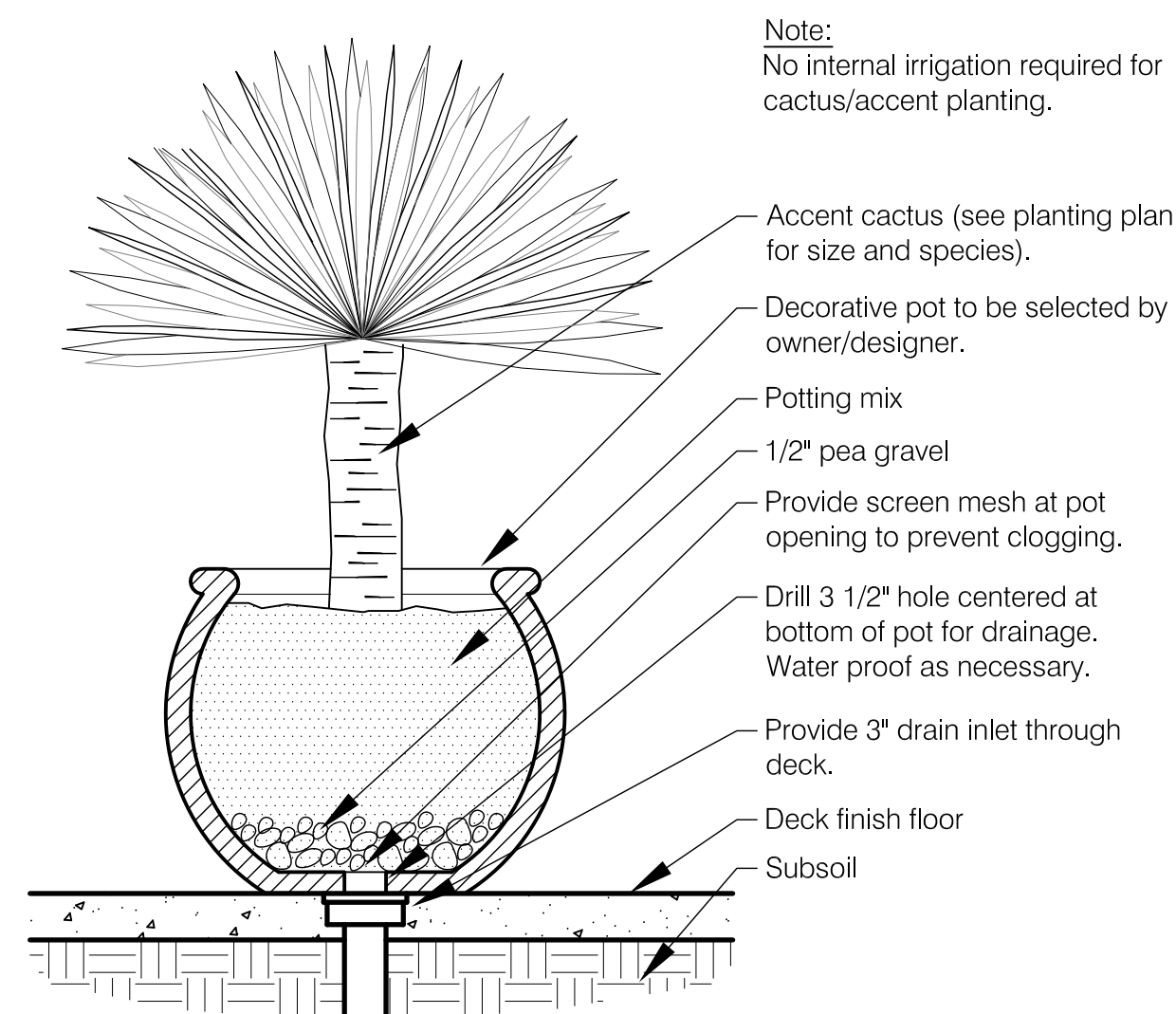
B Tree Staking and Planting

Scale: 1-1/2"=1'-0"



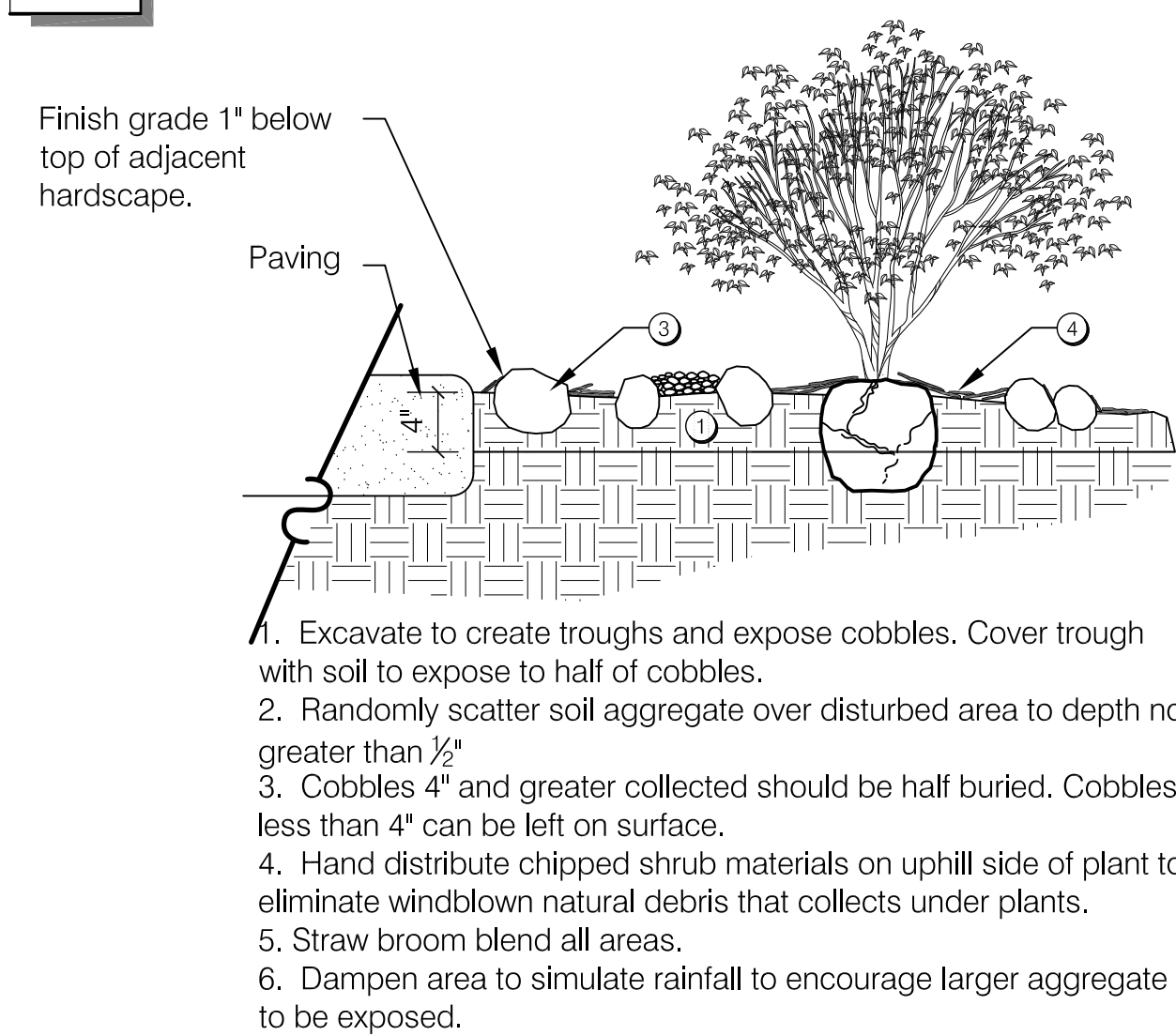
C Pot On Grade

Scale: 1 1/2"=1'-0"



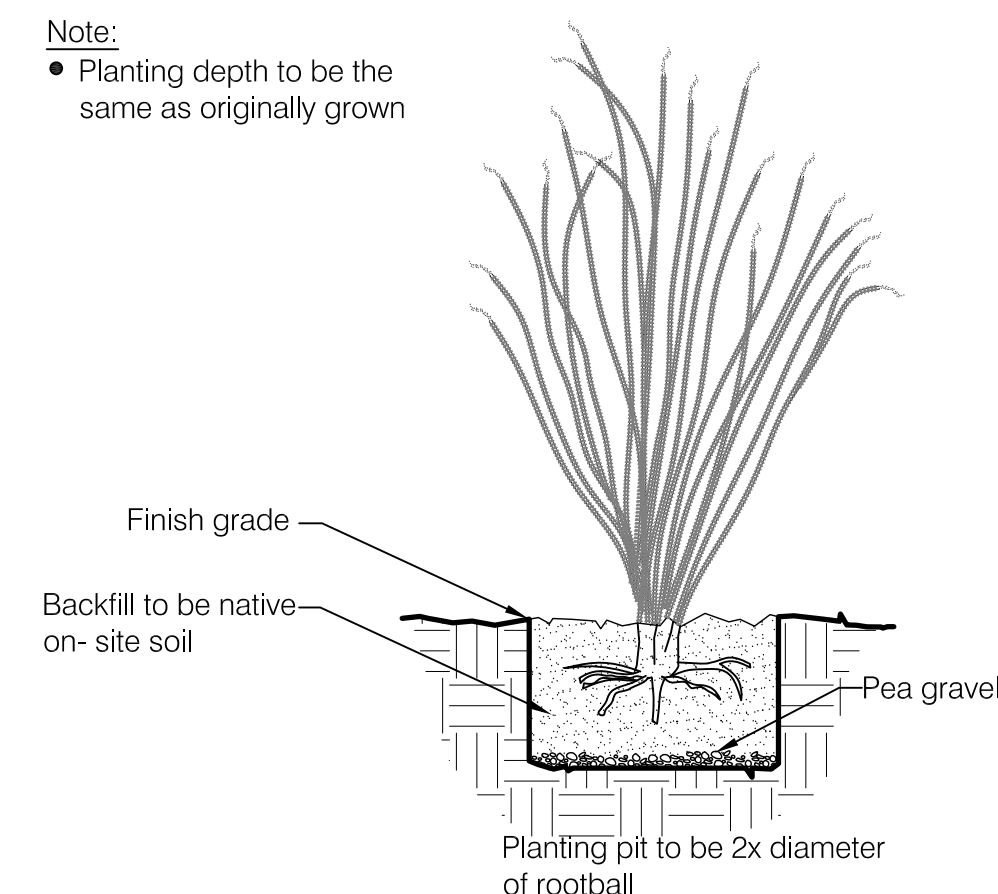
D Non Irrigated Pot on Grade

Scale: 1 1/2"=1'-0"



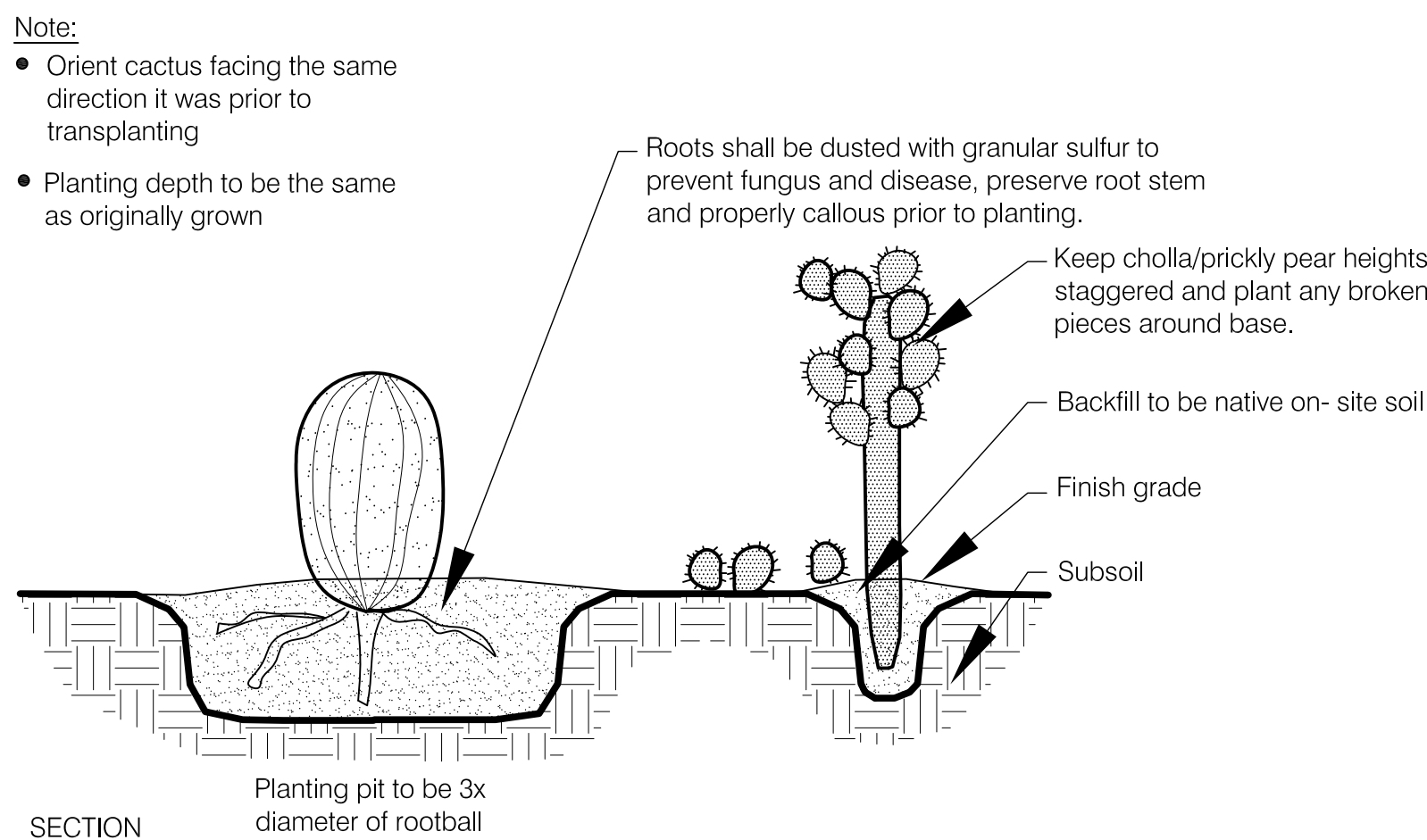
E Native Topdressing

Scale: 1 1/2"=1'-0"



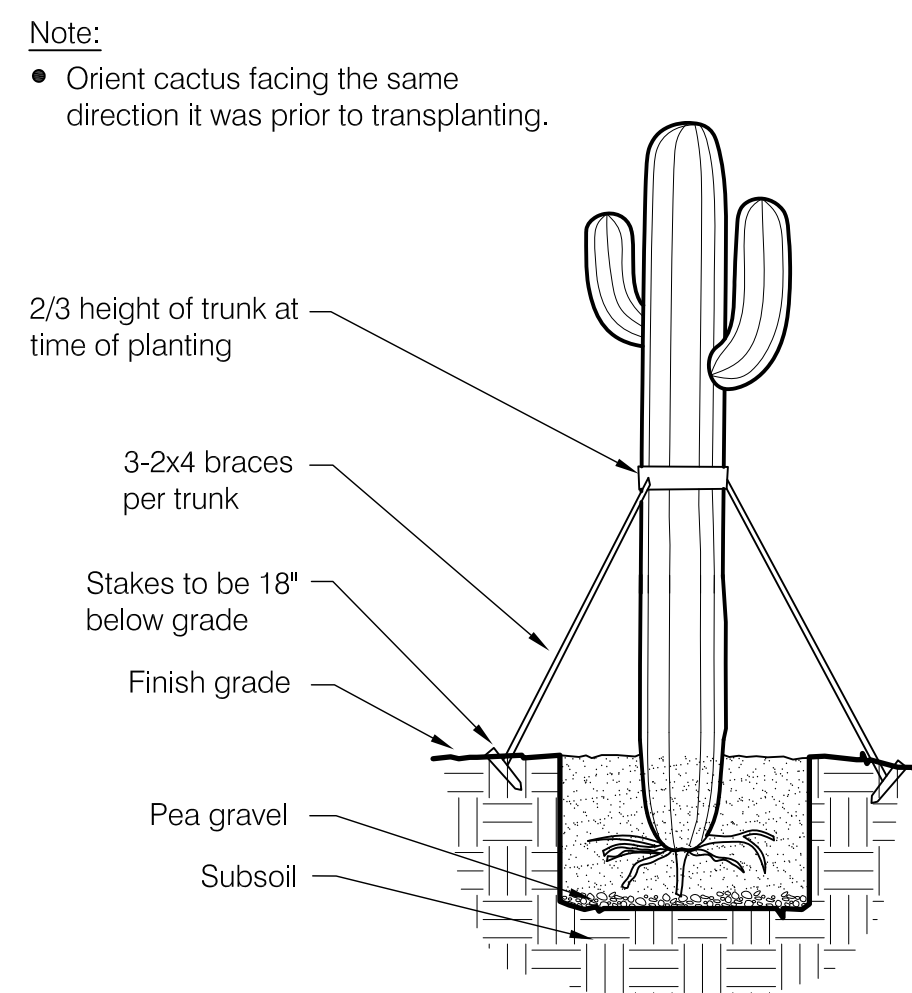
F Ocotillo Planting

Scale: 1 1/2"=1'-0"



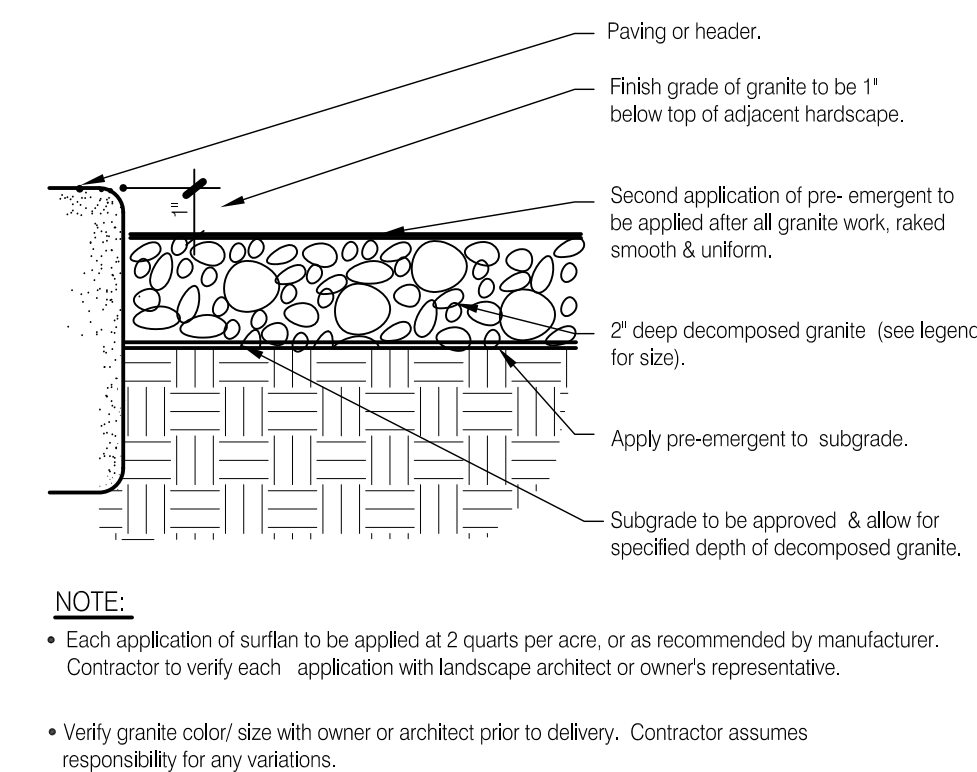
G Cactus Planting

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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Sheet Title:

Planting Details

Project Number:

Date:

30 August 2017

Sheet Number:

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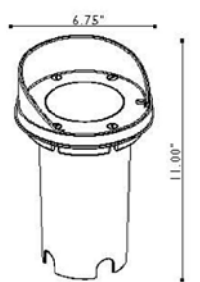
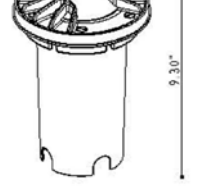
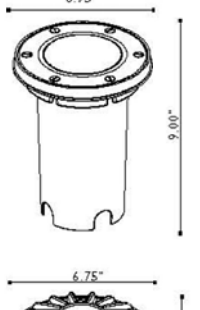
FX | LUMINAIRE®
RP-20, RP-35, RP-50



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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 Potent Posing 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... even 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?
That is, underground with the potent posing RP? Grounded in wall wash from right angles? No problem. But what you need is long projection of light for a long wall? Can't you do that too with other installation for those who appreciate the light your landscape can't be without.

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

RESISTENTPILOTARE® - ORDERING INFORMATION

Standard Options: 1 x 2 x 3 x 4 ORDERED TOGETHER ON SAME LINE

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| RP-20 | 20W |
| RP-35 | 35W |
| RP-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| RP-20 | 20W |
| RP-35 | 35W |
| RP-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

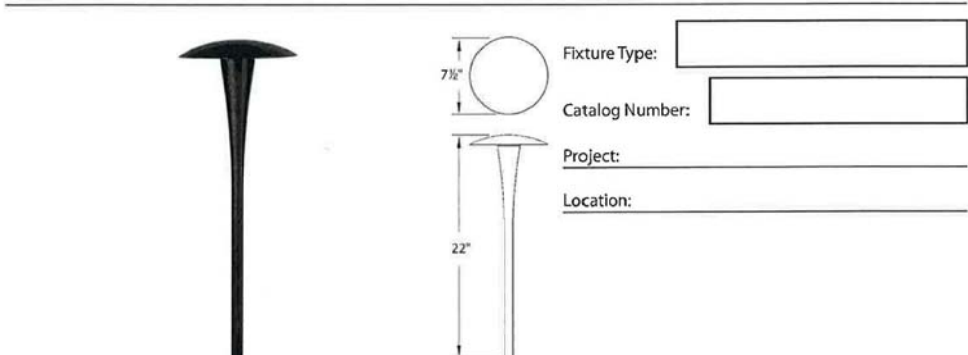
| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| RP-20 | 20W |
| RP-35 | 35W |
| RP-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| RP-20 | 20W |
| RP-35 | 35W |
| RP-50 | 50W |

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WAC
LANDSCAPE LIGHTING



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

FEATURES

- IP66-rated. Protected against powerful water jets.
- Factory sealed water-tight fixtures.
- Translucent lens provides uniform light distribution.
- Solid brass or corrosion resistant aluminum alloy.
- Mounting plate, foot, lead wire, and direct burial lead/gilded wire nuts are included.
- Mainstream constant current output against voltage drop.
- UL LISTED.

ORDERING NUMBER

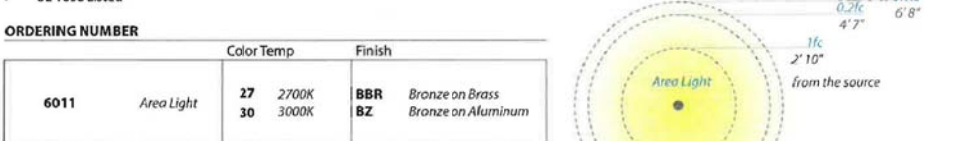
6011-___BBR

Example: 6011-3082

ACCESSORIES

Surface Mount Flange/Stake

Additional Mounting Stake



Color Temp: 27 2700K 30 3000K BBR BZ Bronze on Brass Bronze on Aluminum

5000-SCP-BZ Bronze on Aluminum 5000-SCP-BBR Bronze on Brass 5000-STB-BK Double/PC stake

Includes three 7 inch threaded stainless steel stabilizing pins for ground mounting or surface mounts with four screws or over a junction box.

5000-SCP-BZ Bronze on Aluminum 5000-SCP-BBR Bronze on Brass 5000-STB-BK Double/PC stake

Headquarters/Eastern Distribution Center 44 Foster Park Drive Port Washington, NY 11053 Central Distribution Center 1600 Constitution Ct Lithia Springs, GA 30122 Western Distribution Center 1700 Highland 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. 1/08/2008



1901TT Path Lighting

Width: 7.5" Height: 21" Weight: 4 lbs. Material: Cast Aluminum Bolt: One 1/8" x 1/4" Washer (Included) Leadwire: 30' Certification: cULus Wet UPC: 650005108146



Notes

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Notes

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VL-20



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VITELUME® - ORDERING INFORMATION

Standard Options: 1 x 2 x 3 x 4 ORDERED TOGETHER ON SAME LINE

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| VL-20 | 20W |
| VL-35 | 35W |
| VL-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

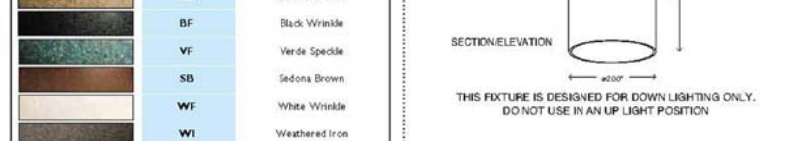
| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| VL-20 | 20W |
| VL-35 | 35W |
| VL-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| VL-20 | 20W |
| VL-35 | 35W |
| VL-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| VL-20 | 20W |
| VL-35 | 35W |
| VL-50 | 50W |



Color Temp: 27 2700K 30 3000K BBR BZ Bronze on Brass Bronze on Aluminum

5000-SCP-BZ Bronze on Aluminum 5000-SCP-BBR Bronze on Brass 5000-STB-BK Double/PC stake

Includes three 7 inch threaded stainless steel stabilizing pins for ground mounting or surface mounts with four screws or over a junction box.

5000-SCP-BZ Bronze on Aluminum 5000-SCP-BBR Bronze on Brass 5000-STB-BK Double/PC stake

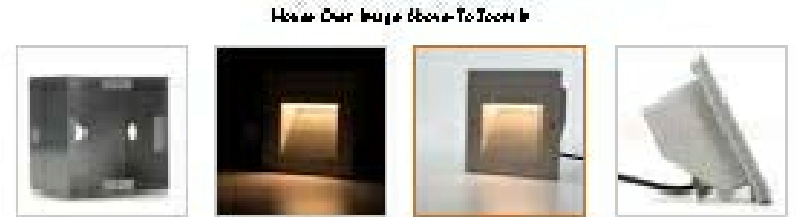
Headquarters/Eastern Distribution Center 44 Foster Park Drive Port Washington, NY 11053 Central Distribution Center 1600 Constitution Ct Lithia Springs, GA 30122 Western Distribution Center 1700 Highland Avenue Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. 1/08/2008

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.

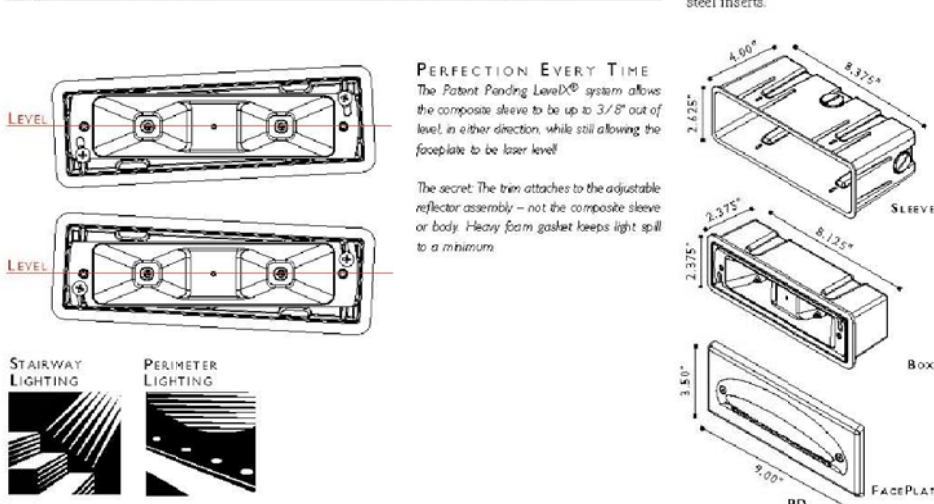


Modern Square Recessed Indoor/Outdoor LED In-wall Light



How Our Image Shows to Zoom In

FX | LUMINAIRE®
PD-20



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PANGIADUPPIO® - ORDERING INFORMATION

Standard Options: 1 x 2 x 3 x 4 ORDERED TOGETHER ON SAME LINE

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| PD-20 | 20W |
| PD-35 | 35W |
| PD-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| PD-20 | 20W |
| PD-35 | 35W |
| PD-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| PD-20 | 20W |
| PD-35 | 35W |
| PD-50 | 50W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| PD-20 | 20W |
| PD-35 | 35W |
| PD-50 | 50W |

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



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POTENZAX® - ORDERING INFORMATION

Standard Options: 1 x 2 x 3 x 4 ORDERED TOGETHER ON SAME LINE

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| PX-300 | 300W |
| PX-600 | 600W |
| PX-900 | 900W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| PX-300 | 300W |
| PX-600 | 600W |
| PX-900 | 900W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| PX-300 | 300W |
| PX-600 | 600W |
| PX-900 | 900W |

AVAILABLE LAMP CONFIGURATIONS:

| STANDARD OPTIONS | AVAILABLE LAMP CONFIGURATIONS |
|------------------|-------------------------------|
| PX-300 | 300W |
| PX-600 | 600W |
| PX-900 | 900W |

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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.

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Paradise Valley, Arizona 85253



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Phoenix, AZ 85018
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Fax: 480.699.7812
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Sheet Title:

Lighting Details

Project Number:

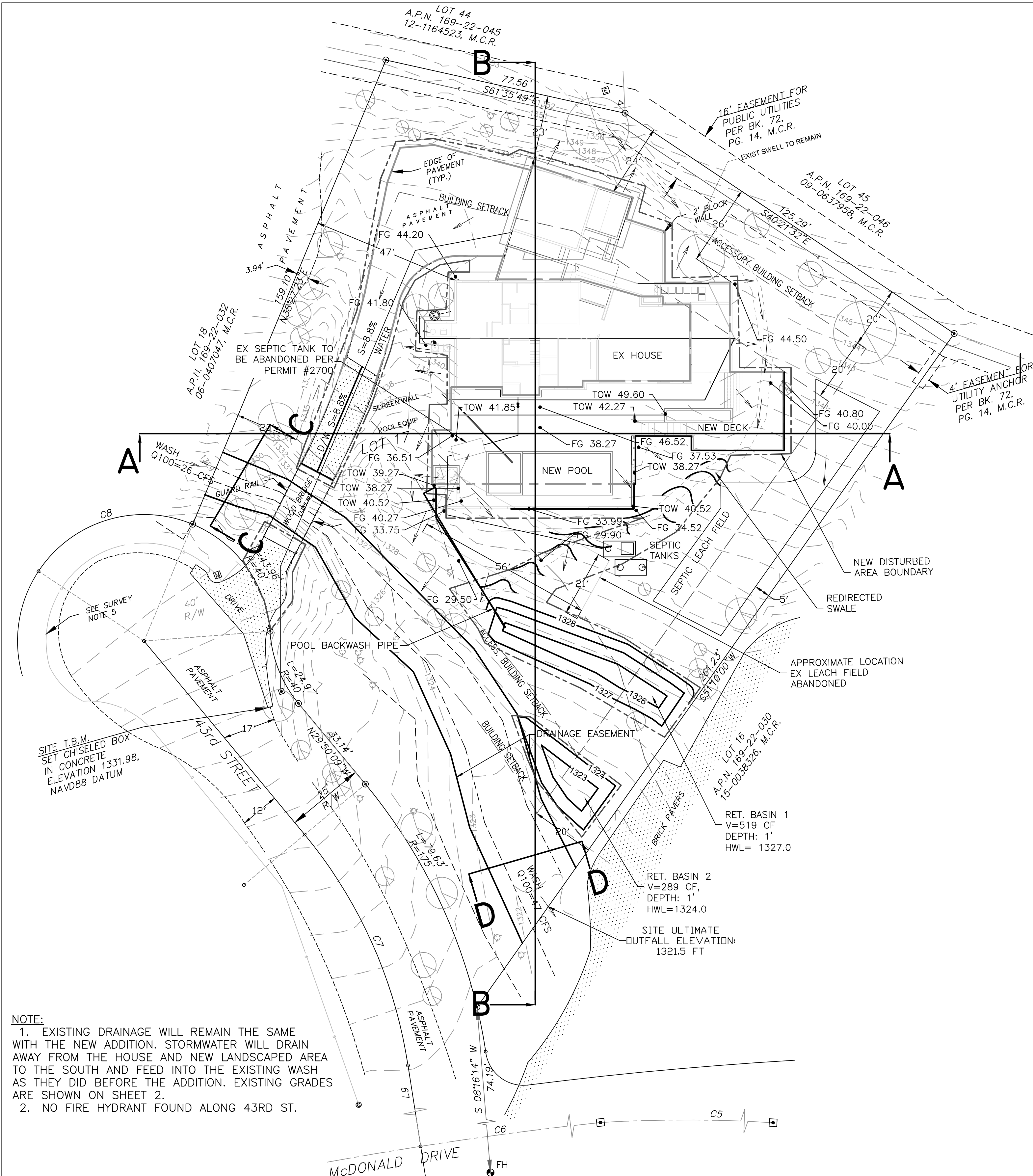
Date:
30 August 2017

Sheet Number:

6 of 6

6033 N 43RD ST, PARADISE VALLEY

GRADING AND DRAINAGE PLAN



NOTE:
1. 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.
2. NO FIRE HYDRANT FOUND ALONG 43RD ST.

GENERAL NOTES AND CONDITIONS
1. SEE GRADING PERMIT FOR ADDITIONAL CONDITIONS.
2. HISTORIC DRAINAGE PATTERNS SHALL BE MAINTAINED AS SHOWN ON THE APPROVED PLANS.
3. 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.
4. 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.
5. CONTACT THE TOWN OF PARADISE VALLEY TO SCHEDULE INSPECTIONS.
6. 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 DEEMED BY MARICOPA COUNTY.
7. ALL CONSTRUCTION FILL SHALL MEET OR EXCEED MAG SPECIFICATION 211.
8. ALL CONSTRUCTION SHALL MEET OR EXCEED CURRENT MAG SPECIFICATIONS AND STANDARDS.
9. AN APPROVED SET OF PLANS SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES PERMIT IS ACTIVE.
10. 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
1. 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.
2. ENGINEER QUANTITIES SHOWN ARE FOR PERMITTING PURPOSES ONLY. CONTRACTOR TO VERIFY.
3. COMPACT FINISHED GRADES TO 95% STANDARD PROCTOR.

CIVIL SITE PLAN NOTES
1. 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.
2. ALL OUTDOOR LIGHTING SHALL BE IN CONFORMANCE WITH ARTICLE XXII OF THE TOWN ZONING ORDINANCE.
3. ALL EXCESS FILL MATERIAL SHALL BE REMOVED FROM THE SITE WITH NO NEW SPILL SLOPES.
4. 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.
5. CONSTRUCTION STAKING AND /OR FENCING SHALL BE PLACED AROUND THE CONSTRUCTION SITE SO AS TO PROTECT THE UNDISTURBED NATURAL AREA.

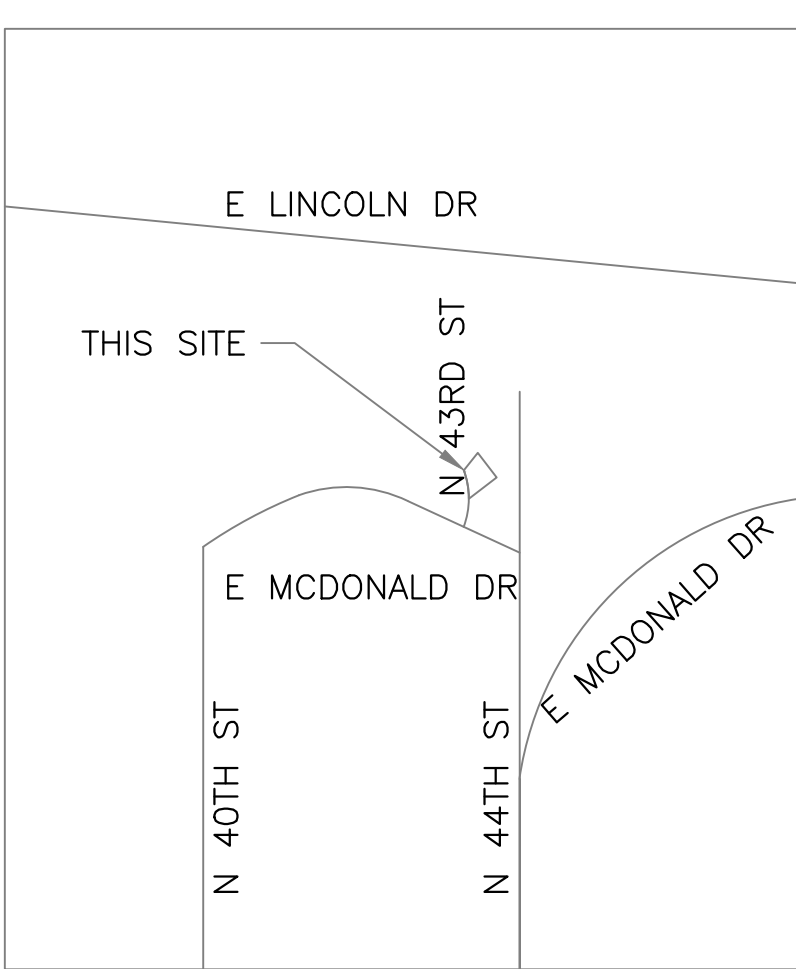
ENGINEER'S NOTES:
1. AN ATTEMPT HAS BEEN MADE TO SHOW THE LOCATIONS OF UNDERGROUND OBSTRUCTIONS AND UTILITY LINES IN THE WORK AREA. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF UTILITIES IN THE AREA.
2. TYPICAL DETAILS SHOWN SHALL BE USED IN THE APPROPRIATE INSTALLATION WHETHER OR NOT THEY ARE SPECIFICALLY REFERENCED OR REFERRED TO ON A DRAWING.
3. 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.
4. 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.
5. ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE PLANS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
6. 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.
7. APPROVAL OF A PORTION OF THE WORK IN PROGRESS DOES NOT GUARANTEE ITS FINAL ACCEPTANCE.
8. 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.
9. 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.
10. 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.
11. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES AND REGULATIONS AS SET FORTH BY OSHA.
12. 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@MILLS-ENG.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.



VICINITY MAP
NTS

| LEGEND | |
|--------|-------------------------------|
| | BUILDING SETBACK LINE |
| | PROPERTY LINE |
| | CENTER LINE |
| | EASEMENT LINE |
| | GAS BLUESTAKE LINE |
| | WATER BLUESTAKE LINE |
| | SWALE/WASH |
| | NEW DISTURBED AREA BOUNDARY |
| | 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 |
| | SAGUARO CACTUS |

REV:

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

GRADING AND DRAINAGE PLAN

COVER SHEET, SITE PLAN, DETAILS AND NOTES

DESIGNED:
KM

DRAWN:
ST

APPROVED:
KM

DATE:
08/17

SHEET:
1 OF 2

SEAL:

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

31118
KATHRYN H.
MILLS
08-31-17
EXPIRES: 03/31/2018

RETENTION CALCULATIONS:

RETENTION VOLUME REQUIRED= $V = (A \times D \times C) / 12$

C = 0.35 PRIOR TO CONSTRUCTION

C = 0.95 CONCRETE AND ROOF

P = 2.82 INCHES

A(onsite) TOTAL AREA = 39,392 SF

EX DRIVEWAY: 2782 SF

EX ROOF: 4532 SF

TOTAL EX HARDSCAPE = 7314 SF: 20%

NEW ADDITION HARDSCAPE = 187 SF

TOTAL EX AND NEW HARDSCAPE = 7501 SF: 19.0%

NEW WEIGHTED C VALUE = $0.95(0.19) + 0.35(0.81)=0.46$

VOLUME REQUIRED $V_r = (39392 \times 2.2 \times (0.46-0.35))/12 = 794$ CF

VOLUME PROVIDED= $V_p = ((\text{TOP AREA} + \text{BOTTOM AREA})/2) \times \text{DEPTH}$

| | BASIN | TOP AREA | BOTTOM AREA | DEPTH | VOLUME | |
|-------|-------|----------|-------------|-------|---------|--------|
| 1 | 788 | SQ FT | 250 | SQ FT | 1.00 FT | 519 CF |
| 2 | 446 | SQ FT | 132 | SQ FT | 1.00 FT | 289 CF |
| TOTAL | 1234 | SQ FT | | | | 808 CF |

PERCOLATION CALCULATIONS

FLOW = 0.100 CF/HR/SF

V_p = VOLUME PROVIDED (CF)

BA = BASIN AREA (SF)

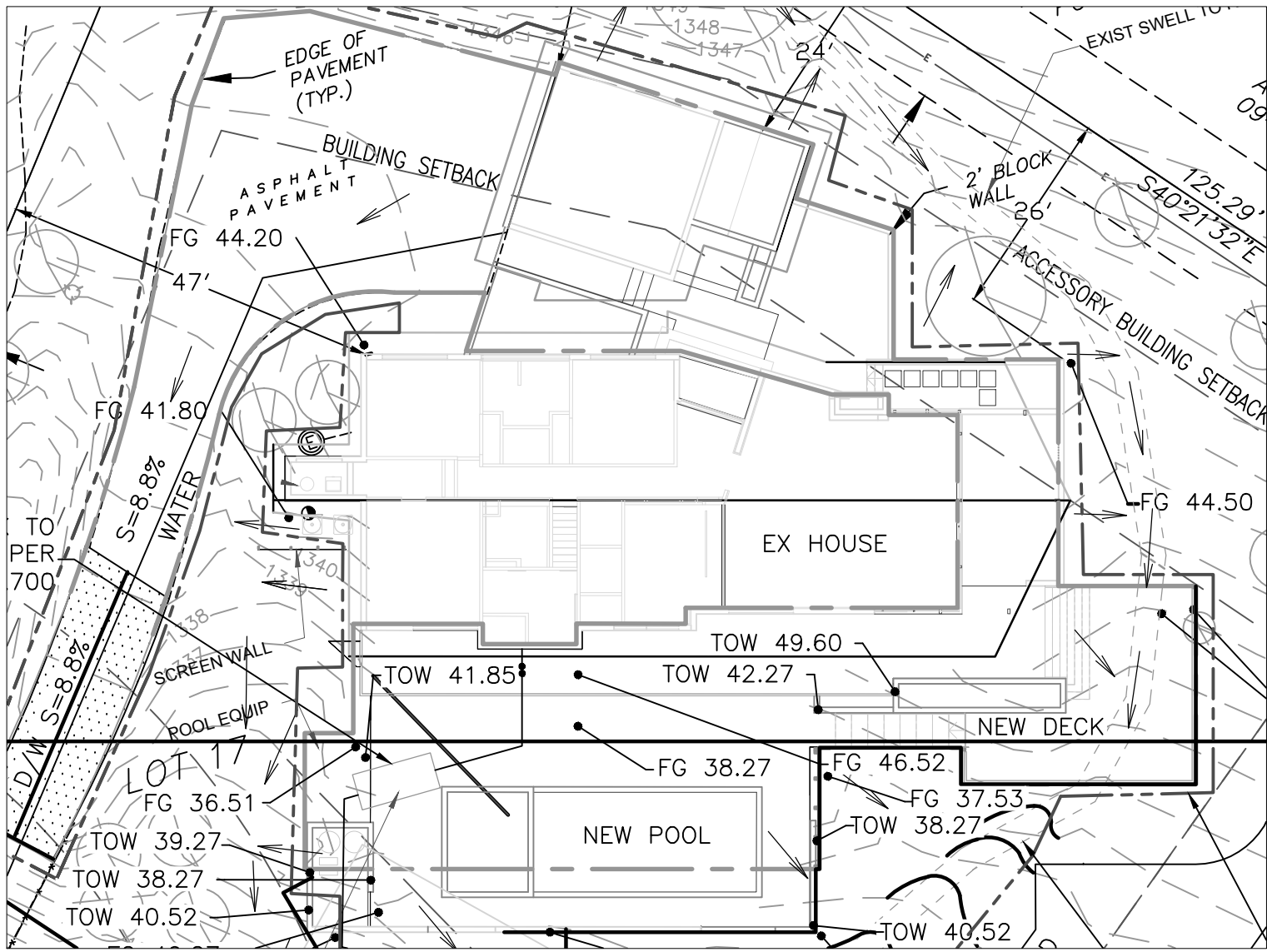
$Q_d = \text{VOL_PROV} \times \text{SAFETY_FACTOR} (1.5) = \text{DRAIN TIME, HRS}$

$BA \times 0.100 \text{ CF/HR/SF}$

$V_p = 808 \text{ CF}$

BA = 1234 SF

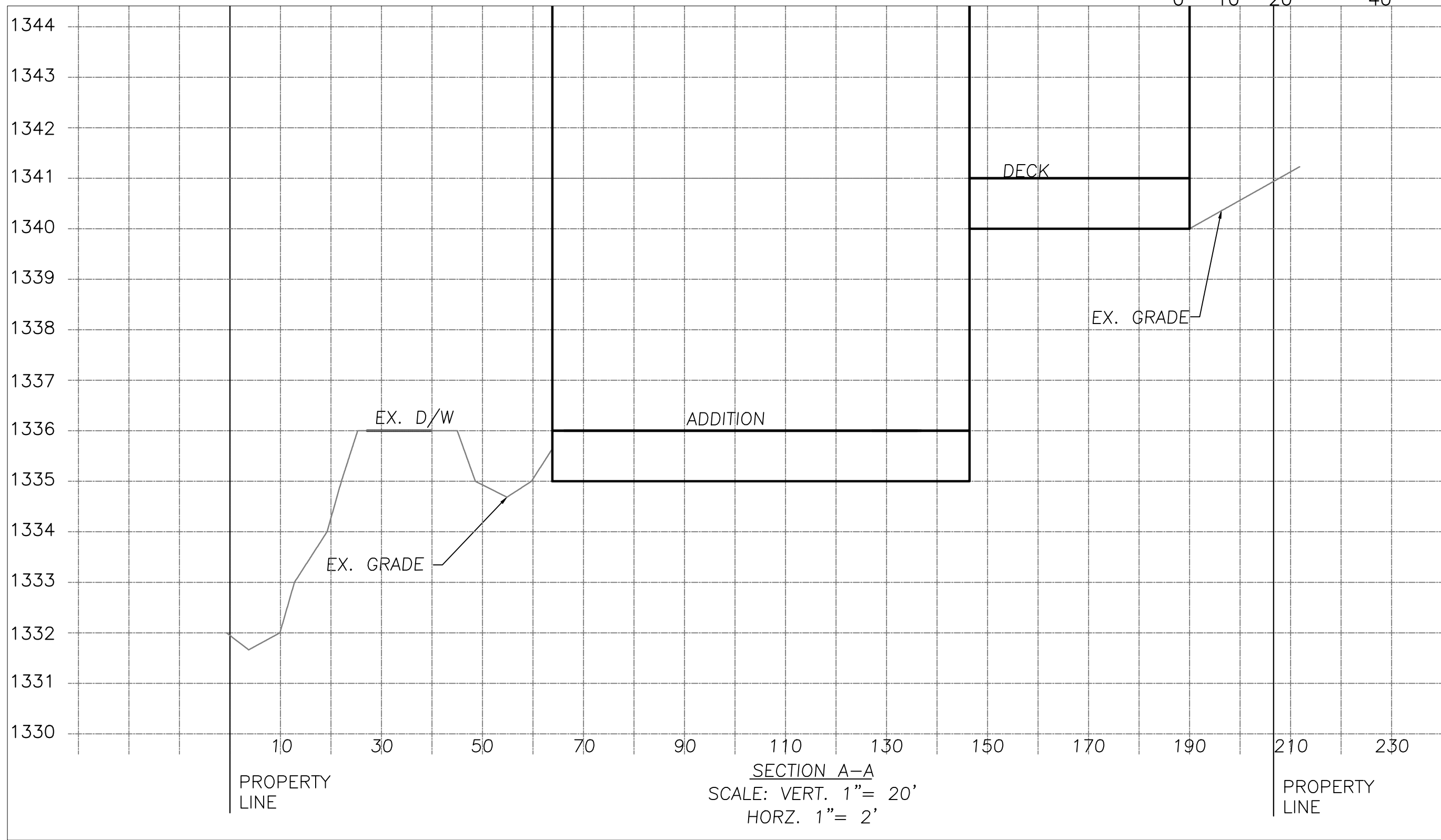
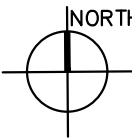
TIME FOR BASIN TO PERC = 9.82 HRS



NEW HARDSCAPE

SCALE: 1"=20'

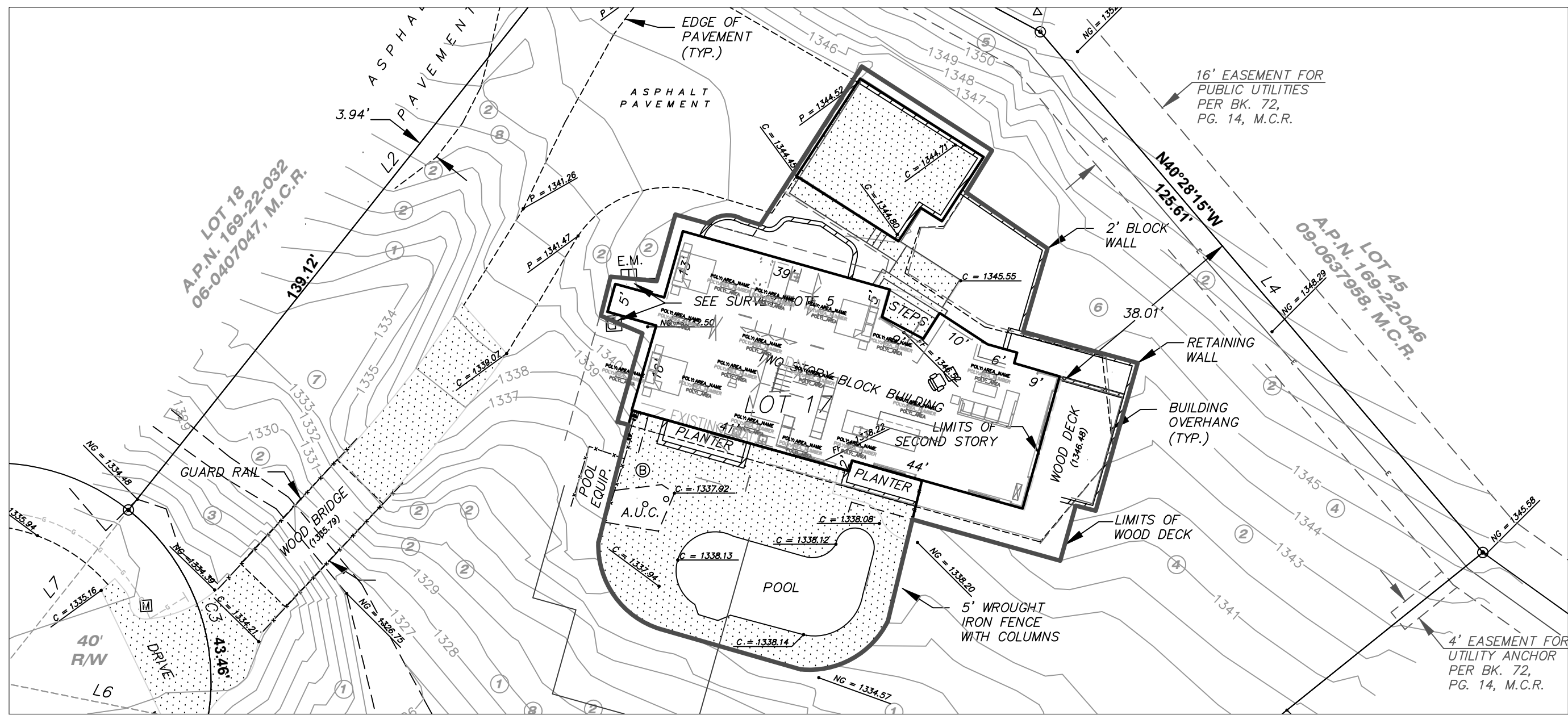
0 10 20 40



SECTION A-A

SCALE: VERT. 1"= 20'

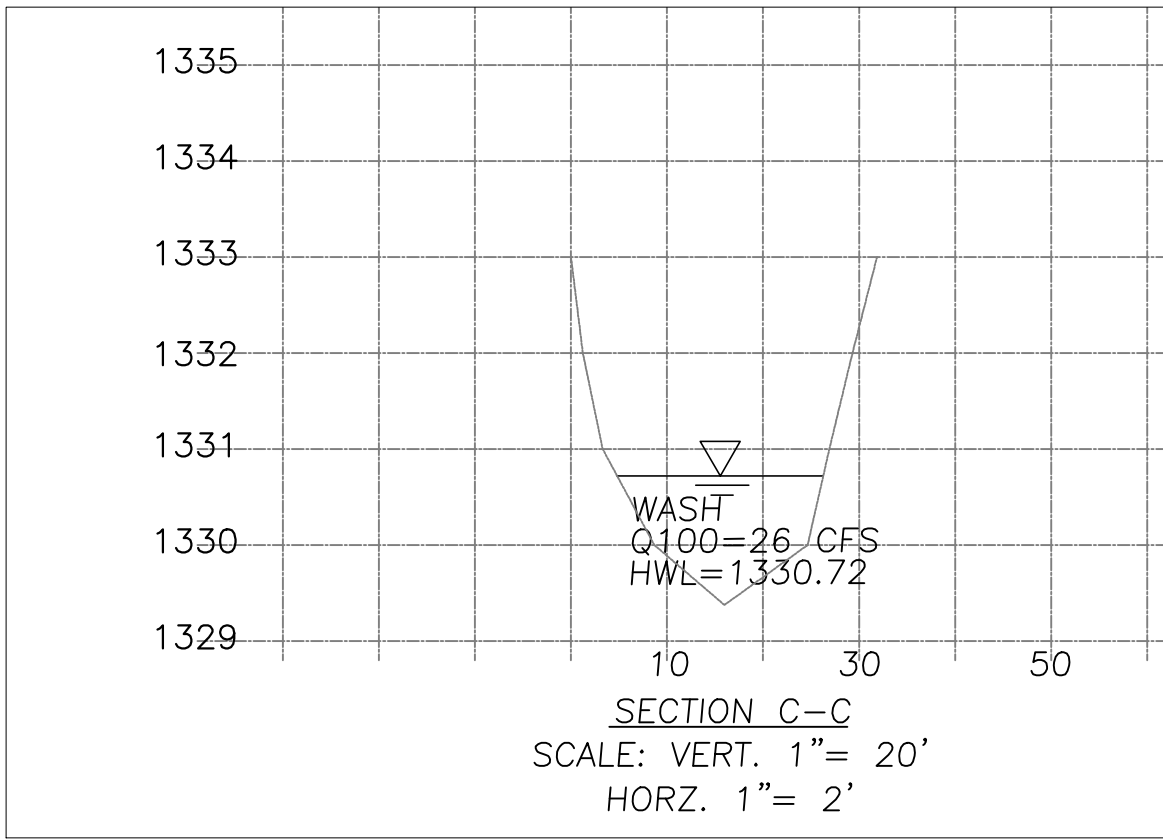
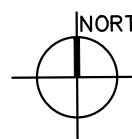
HORIZ. 1"= 2'



EXISTING GRADING

SCALE: 1"=20'

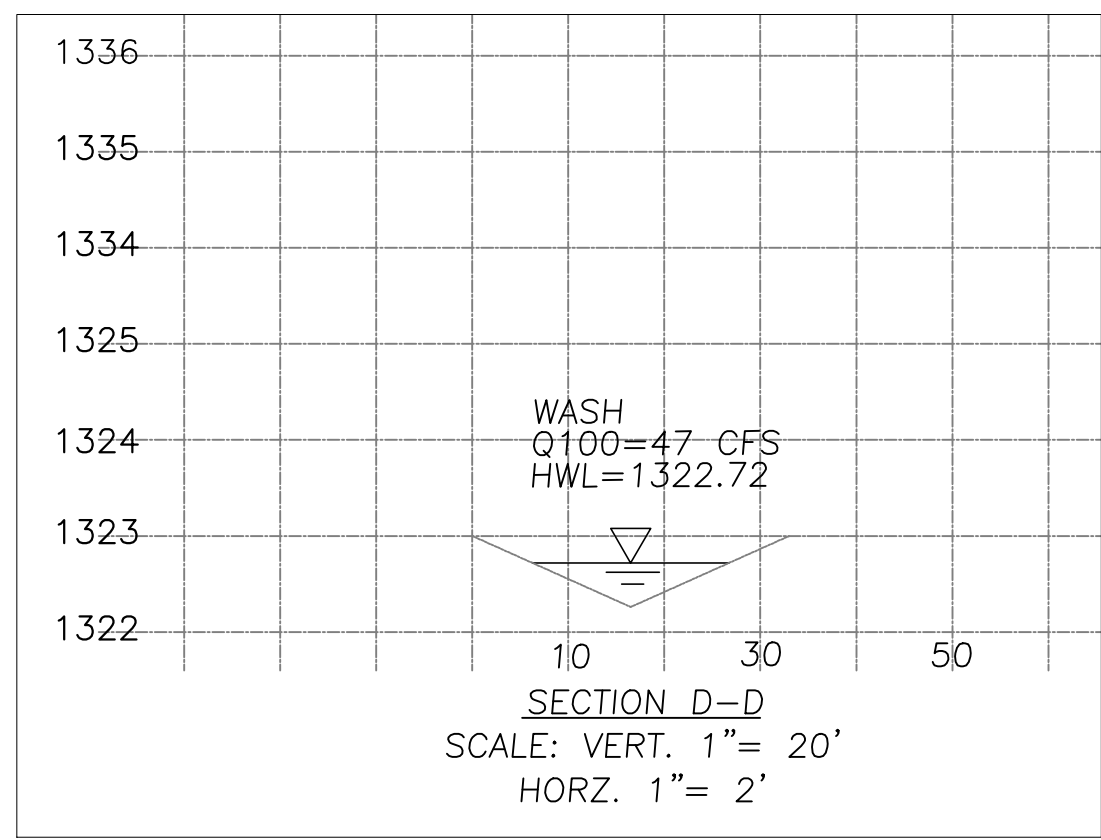
0 10 20 40



SECTION C-C

SCALE: VERT. 1"= 20'

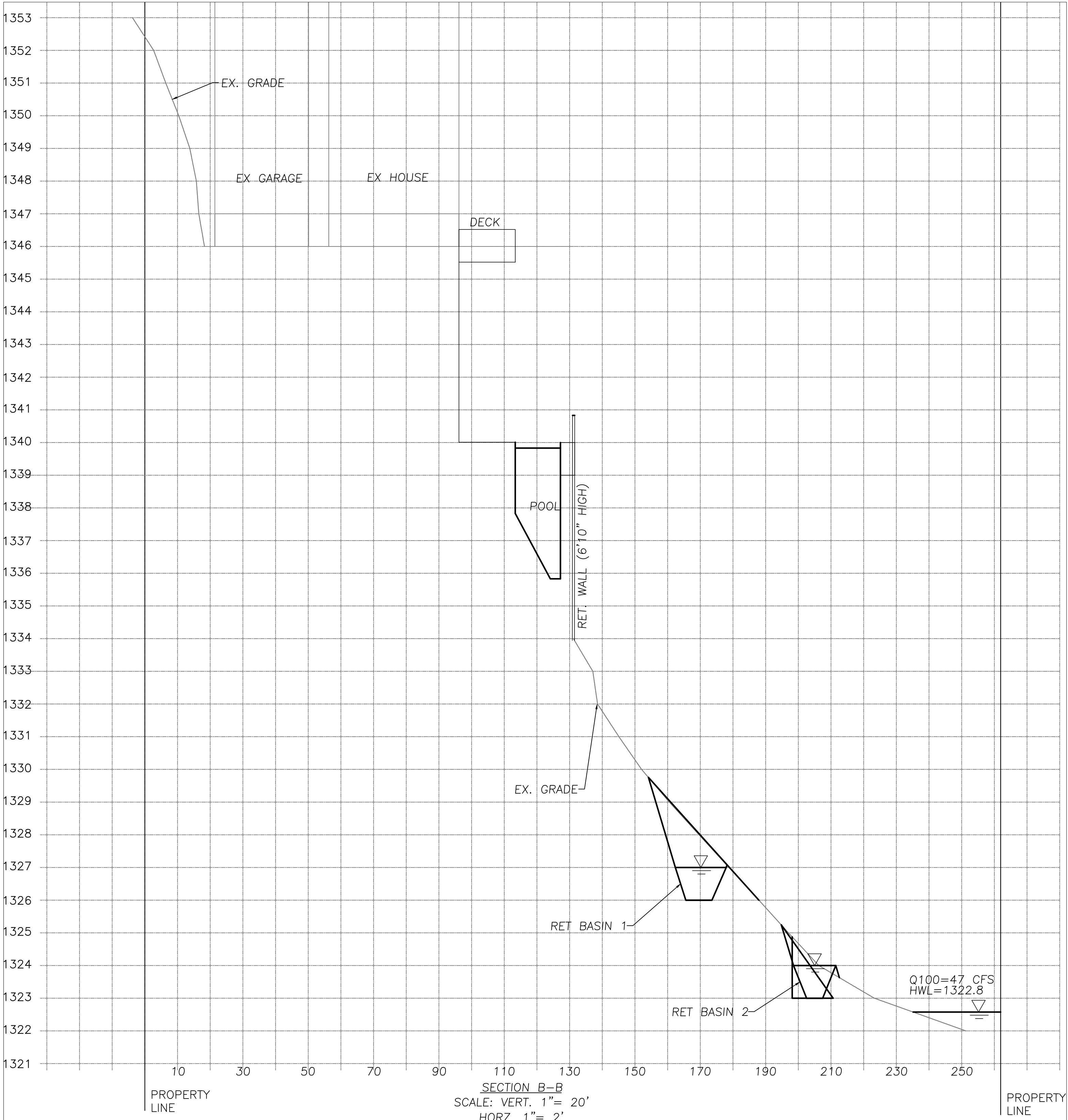
HORIZ. 1"= 2'



SECTION D-D

SCALE: VERT. 1"= 20'

HORIZ. 1"= 2'



SECTION B-B

SCALE: VERT. 1"= 20'

HORIZ. 1"= 2'



REV:

JONES RESIDENCE

APN: 169-22-031

6033 N 45RD ST

GRADING AND DRAINAGE PLAN

SECTIONS AND DETAILS

DESIGNED:

KM

DRAWN:

ST

APPROVED:

KM

DATE:

08/17

SHEET:

2 OF 2

SEAL:



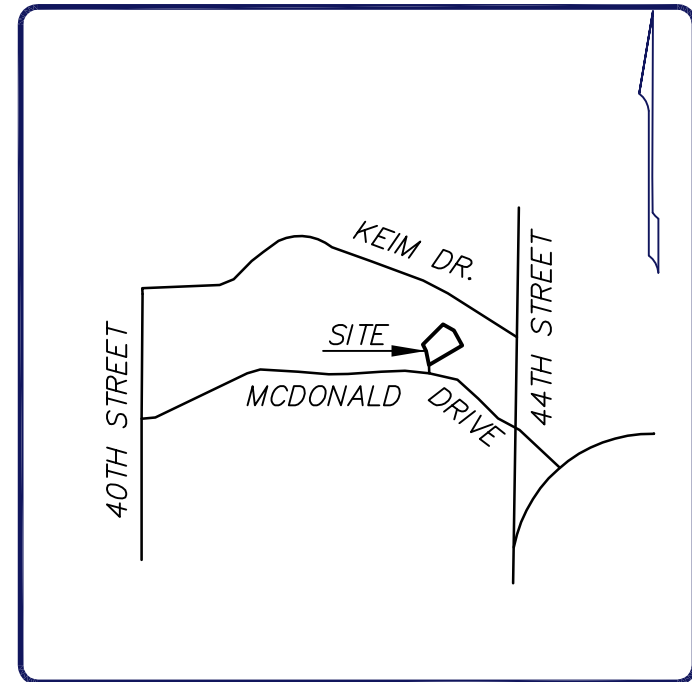
EXPIRES: 03/31/2018

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
- End Survey Monument
(See Monument Table)
- (See Monument Table)
- Schedule "B" Item
- Indicates Driveway (means of access)
- Concrete Surface
- 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

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.

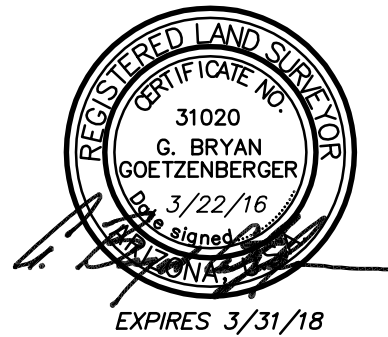
REFERENCE DOCUMENTS

- (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



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 | |
|----------------|---|
| 1 | 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 | |

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. _____

SHEET: 1 OF 1 DATE: 3/22/16 JOB NO: 160307