



PLANT SCHEDULE

PLANT	QTY	SIZE	SYMBOL	COMMON NAME	SCIENTIFIC NAME	PLANT	QTY	SIZE	SYMBOL	COMMON NAME	SCIENTIFIC NAME
NEW TREES						SUCCULENTS AND CACTI					
	1	36" BOX		BLUE PALO VERDE	Cercidium floridum		30	5 gal		DESERT MILKWEED	Asclepias subulata
	2	36" BOX		NATIVE MEQUITE	Prosopis juliflora		30	5 gal		LADY SLIPPER	Euphorbia macrocarpus
	2	36" BOX		IRONWOOD	Lomega tesota		5	4 gal		SAGUARO	Carregia gigantea
	2	36" BOX		SWEET ACACIA	Chilopsis lineris		20	5 gal		FEROCACTUS	
	5	36" BOX		TEXAS MOUNTAIN LAUREL	Sophora secimdollora		40	5 gal		ALOE BLUE ELF	
	4	36" BOX		DESERT WILLOW	Acacia smallii		15	5 gal		HEDGEHOG CACTUS	Echinocereus engelmannii
SHRUBS						WILDFLOWERS / GROUND COVER					
	20	5 gal		BRITTLEBUSH	Encelia farinosa		20	5 gal		PEDILANTHUS	Euphorbia bractata
	15	5 gal		CHUPAROSA	Justicia californica		20	5 gal		CANDELLILA	Euphorbia antispyllitica
	20	15 gal		CREOSOTE	Larrea tridentata		40	1 gal		DESERT MARIGOLD	Baileya multirallata
	30	5 gal		AUTUMN SAGE	Salvia greggii	EXISTING TREES					
	10	5 gal		LITTLE LEAF CORDIA	Cordia parvifolia					EXISTING DESERT TREE TO REMAIN	
	10	15 gal		MEXICAN YELLOW BIRD	Casalspinia mexicana	LAWN					
	40	5 gal		DWARF BOTTLEBRUSH	Callistemon citrinus	BOULDERS					
						EXISTING SAGUARO					
										ARTIFICIAL TURF	

EXISTING DRIVEWAY
RE-VEGETATION METHOD
• WE WILL USE CHOLLA SALVAGED FROM OTHER DISTURBED AREAS OF SITE.
• PROTECT EXISTING TREES AND SAGUAROS.
• SUPPLEMENT WITH NEW CREOSOTE, QUAIL BUSH, AND DESERT MARIGOLD WITH TEMPORARY IRRIGATION UNTIL ESTABLISHED.
• GROUND COVER SHALL BE SITE SALVAGED, SCATTERED TO ACHIEVE NATURAL DESERT FLOOR.
• MANAGE WEEDS AS NEEDED.

SITE LIGHTING FIXTURE SCHEDULE

TYPE	QTY.	MANUFACTURER	DESCRIPTION	LUMENS	WATTAGE	COLOR TEMP.	FINISH COLOR
PL	17	FX	SP10X, 12V-CU-SS 12V MINI PATH LIGHT	100	10 WATT	2700 K	DARK BRONZE
TD	14	LUMIERE	213-BZ 12V DANGLING TREE DOWN LIGHT NOTE: LIGHTING TO BE PLACED NO HIGHER THAN 8' ABOVE GRADE	100	12 WATT	2700 K	DARK BRONZE
GU	35	LUMIERE	201-BZ/GS08 12V GROUND MOUNTED TREE UP LIGHT	100	12 WATT	3000 K	DARK BRONZE

NEW LOCATIONS FOR SALVAGED TREES, SAGUARO, & FEROCACTUS

- 1 8" SINGLE SAGUARO
- 2 3' FEROCACTUS
- 3 5' SINGLE SAGUARO
- 4 10' SINGLE SAGUARO
- 5 6' SINGLE SAGUARO
- 6 8" BLUE PALO VERDE
- 7 10" BLUE PALO VERDE
- 8 3' FEROCACTUS
- 9 4' FEROCACTUS
- 10 12" BLUE PALO VERDE

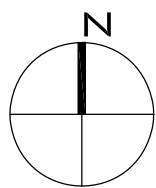
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4702 EAST INDIAN SCHOOL ROAD PHOENIX, ARIZONA 85018
PHONE 602.840.8625 FAX 602.840.8632
WWW.TENNENSTUDIO.COM

LEGEND

- PROPOSED AREA OF DISTURBANCE
- PREVIOUS AREA OF DISTURBANCE
- AREA TO BE RESTORED TO HISTORIC TERRAIN AND REVEGETATED
- BUILDING FOOTPRINT

NO. ISSUES/REVISIONS DATE



PROJECT HBL

7550 N. HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85253

DATE 23 OCTOBER 2018

SCALE 1/16"=1'-0"

LANDSCAPE
SITE PLAN

SHEET

SPL1.0

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Y 1

3" HALOGEN ADJUSTABLE DOWNLIGHT

ELEMENT
by TRULIN Lighting

Small aperture recessed downlight fully adjustable with ELEMENT's unique patented high-low lamp positioning. The innovative design allows the lamp to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim. Additional adjustability allows for hot aiming including 0°, 40° tilt and 360° rotation to stimulate direct spots. All aiming functions are lockable. Wood ceiling options allow for a smooth, flangeless appearance using any flangeless trim.

- Patented high-low lamp positioning
- Hot aiming including 0°, 40° tilt and 360° rotation
- Flangeless wood ceiling option accommodates variable ceiling thickness
- Accepts 3 optical controls and an optional trim mounted lens
- Compatible with LED MR16-replacement lamp. LED MR16 requires no load electronic transformer (12 watt max).
- Power supplies can be accessed through the aperture
- Grease reducing smudg resistant
- Lensed and shower options include Solite® soft focus lens of aperture

Installation

- Includes adjustable hanger bars. Includes butterfly brackets that attach to the side of the housing and are vertically adjustable with a wing nut.
- Incorporates integral gaskets for positioning with less level or string

SPECIFICATIONS

LAMP	Low-voltage Halogen MR16 (75W max) or Auto-C, DIM max (50 watt max) Compatible with LED MR16-replacement lamp. See Note
WATTS (WALL)	Halogen: 25W max
VOLTAGE	120V or 277V
DIMMING**	ELV or MV (Dimming dependent on transformer used)
ADJUSTABILITY	0°-40° tilt, 360° rotation, and high-low lamp positioning
CEILING APERTURE	Flange (Accommodates up to 2" of gravel ceiling thickness, depending on trim or flangeless)
CEILING APERTURE	2-3/8"
HOUSING	C-Aluminum, Black-A, Chrome-Plated (A suitable up to 600 volts max. temperature)
POWER SUPPLY	Halogen: Transformer or Magnetron Transformer Auto-Load Transformer required for LED MR16 -replacement with LED MR16
GENERAL LISTING	E.T. Listing, Energy Efficient, Shatter Resistant and listed.
CONSTRUCTION	Heavy-duty heavy-gauge steel shell Trim: Die-cast aluminum
FINISH	Halogen: Black Trim: Anodized Aluminum, Black, Satin Nickel, White (optional)
WARRANTY***	7 years

**See UL1593-1 listings on dimmer compatibility.
***See UL1634-MF listings on fire safety listings and details.

See Note

shown in flangeless bezel option

Prices

Element 3" MR16 Halogen Light Bulb (9-Pack)

Element 3" MR16 Halogen Light Bulb (1-Pack)

Element 3" MR16 Halogen Light Bulb (1-Pack)

Element 3" MR16 Halogen Light Bulb (1-Pack)

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Element 3" MR16 Halogen Light Bulb (1-Pack)

Element 3" MR16 Halogen Light Bulb (1-Pack)

ELEMENT Lighting.com

DESIGN NAME: OMAR CARACALLA - 2080
SUSPENSION LAMP - METAL

16100003	MATT WHITE	120 V - 40 W - 5.5 W LED - 3000K - 420 mm
16100003	MATT BLACK	WIRE CABLE - WHITE CEILING ROSE - NOT DIMMABLE
16100003	BRUSHED BRASS	120 V - 40 W - 5.5 W LED - 3000K - 420 mm
		BLACK CABLE - BLACK CEILING ROSE - NOT DIMMABLE

LineLED LL Series Wet

IP 65 rated linear LED strip - 24V

lumini

Applications: outdoor / wet location, above cabinet, cove lighting, counter accent, architectural corners, under banners, desks, barbeques, stairways and web bars.

Technical information

MODEL	LL18 WET	LL30 WET	LL36 WET	LL54 WET
LEDs/m	18	30	36	54
Light output 3000K	113 lm/m	192 lm/m	228 lm/m	395 lm/m
Average power consumption for T _a ambient	1.5 VA/m	3.1 VA/m	3.0 VA/m	4.5 VA/m
Cutting increment	4.00"	2.00"	2.00"	1.3"
Maximum run length (no wires)	30 m	30 m	30 m	20 m
Maximum system length	100 m	60 m	30 m	20 m
Dimensions	0.67" x -0.15" min	0.67" x -0.15" min	0.67" x -0.15" min	0.67" x -0.15" min

Mounting
LED strip is equipped with 3M™ adhesive flexible tape (9427Z1).

Approvals
IP65

Beam Angle
120°

Operating voltage
24 VDC

Average life
50,000 hours

Warranty
3 years

CCT INDEX/LUMEN MULTIPLEPLIER	Multiplier		TM-30-15		
	Color temperature	Multiplying factor	CRI	R _f	R _a
2200K	0.87	83	81	99	-
2700K	0.78	58	93	98	-
2900K	0.81	98	93	101	-
3000K	0.86	98	93	100	-
3500K	1.00	92	90	99	-
3000K	1.03	94	90	99	-
4100K	1.28	90	85	95	-

SECTION START-END OPTIONS

Ordering code

ENCLOSURE	COLOR TEMPERATURE	SECTION END*	SECTION END	REMARK
LL18WET	22K	S1	S1	* one side shown N/C = No connector see installation manual for more details
LL30WET	24K	S1	S1	
LL36WET	27K - 7100K	S1	S1	
LL54WET	29K - 5000K	S1	S1	
	33K - 3000K	S1	S1	
	41K - 4000K			

* The 24 Vdc Connector

REV2 / 02/2022B

page 1 of 3

www.lumini.com | tel: +34 234 233 033

luminii

KM Channel | Extruded aluminum profile

The KM Channel linear aluminium extrusion has been designed to fit many LED lighting needs. Multiple mounting and lens options allow for great flexibility and adaptability for any application. Extrusion and diffuser lenses are also field cuttable. Substantial aluminium mass in profile provides excellent heat sink for high power LEDs. Mounting brackets and endcaps are available in multiple finishes and sold separately.

Technical information

Finish: Silver anodized, White

Diffuser lens: polycarbonate, acrylic plate, UV resistant

Mounting: multiple mounting brackets (page 2)

	48"	96"	144"
Actual length	48"	96"	144"
Available lenses	clear frosted	clear frosted	clear frosted
	half frosted clear 10° beam angle	half frosted clear 10° beam angle	half frosted clear 10° beam angle
	raised	raised	raised

Ordering code

LUMINII	(LENGTH)	(FINISH)	(LENS)
XXXX	48" 96" 144"	C Clear F Frosted HF Half frosted R Raised	SA Silver anodized W White

REV3.0 02/2016

page 1 of 2

www.luminii.com tel: 234.323.0023

ORDERING INFORMATION

INCANDESCENT

SP: Path Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 + 4

Step	Description	Code
1	FEATURE	
2	LAMP	10, 15, 20 (5.0W 10 W Amax), 20, 25 (5.0W 10 W Amax), 10H, 20H (2.0W 10 W Amax)
3	RISER OPTIONS	88, 126, 188, 248, 368
4	FINISH	CU, NF, WD, WF, AL, BZ, DQ, W, VF, SS, FB

EXAMPLE: SP-12H CU + SP-20W Amax Lamp - 12" Riser - Copper Finish

FIELD INSTALLED OPTIONS: Order Individually

Materials

Super Slim Spike (759002) 2" x 10" Included *

Long Slim Spike (25007860000) 2" x 10"

Spike Mount (35-XXXX) 2" x 2" x 12"

Post Mount (PMS-XXXX) 2" x 2" x 12"

EXAMPLE: SP-8S - Super 2-Box - Natural Brass Finish

PHOTOMETRICS:

Spacing for minimum footcandle illumination

Distance	FF-10	FF-20
10'	2	2.7
12'	4	5.3
14'	6	7.7
16'	8	10.1
18'	9	12.5
20'	10	14.9
22'	11	17.3
24'	12	19.7
26'	13	22.1
28'	14	24.5
30'	15	26.9
32'	16	29.3
34'	17	31.7
36'	18	34.1
38'	19	36.5
40'	20	38.9
42'	21	41.3
44'	22	43.7
46'	23	46.1
48'	24	48.5
50'	25	50.9
52'	26	53.3
54'	27	55.7
56'	28	58.1
58'	29	60.5
60'	30	62.9
62'	31	65.3
64'	32	67.7
66'	33	70.1
68'	34	72.5
70'	35	74.9
72'	36	77.3
74'	37	79.7
76'	38	82.1
78'	39	84.5
80'	40	86.9
82'	41	89.3
84'	42	91.7
86'	43	94.1
88'	44	96.5
90'	45	98.9
92'	46	101.3
94'	47	103.7
96'	48	106.1
98'	49	108.5
100'	50	110.9

* 20 ft. for unobstructed projects

* 30 ft. for unobstructed projects

For conversion to lumens, multiply footcandles by 10. See Fig. 63 (page 9) for a full description of FC and lumens.

MATERIALS

	CU - Copper
	NP - Nickel Plate*

POWDER COAT

	WG - White Glass
	FW - Flame White

	AL - Anodized
	BZ - Bronze Material

	DG - Dark Granite
	WI - Weathered Iron

	VS - Veneer Stainless
	SB - Sedona Brass

	FB - Flat Black
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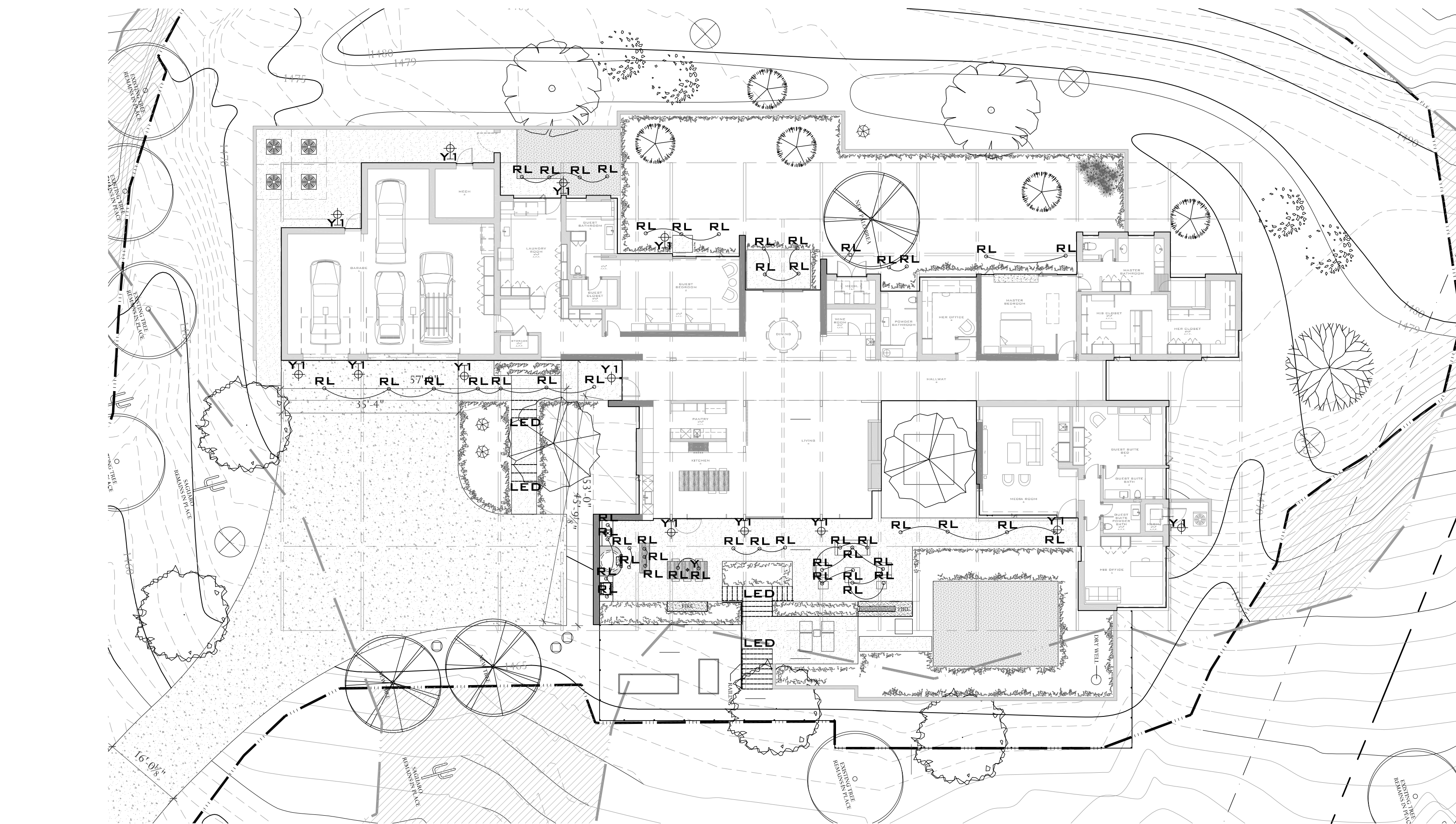
The SP includes choice of lamp, color, finish, and a Super Slim Spike.

Note: Only the copper portions of the path lights are powder coated. The brass pieces remain natural.

* May require longer lead time
* Copper finish only

LAMP	COMMENTS	WATTAGE	BEAM ANGLE	FOR USE WITH
Amax Lamp	10,000 Average Life Hours (for fixtures using 50/75 Watts)	10	N/A	BD, CA, CL, CV, DL, DM, CR, CU, DL, DS, DQ, SC, SP, SL, SS, UN
Amax Lamp	5,000 Average Life Hours (for fixtures using 10 Watts)	10	N/A	BD, CA, CL, CV, DL, DM, CR, CU, DL, DS, DQ, SC, SP, SL, SS, UN
Amax Lamp	5,000 Average Life Hours (for fixtures using 10 Watts)	20	N/A	BD, CA, CL, CV, DL, DM, CR, CU, DL, DS, DQ, SC, SP, SL, SS, UN

RL



LED

1 BUILDING LIGHTING PLAN

TYPE	QTY.	MANUFACTURER	DESCRIPTION	LUMENS	WATTAGE	COLOR TEMP.	FINISH COLOR
Y1	13	LUMIERE	WESTWOOD 715 DOWN LIGHTING ONLY; NO UPLIGHTING; METAL HALIDE	657	39 WATT	3000 K	DARK BRONZE
RL	50	TECH LIGHTING	ELEMENT ERLIF MR16 3" HALOGEN ADJUSTABLE DOWN LIGHT W/ GLARE REDUCING LENS	400	50 WATT	2800 K	N/A
Y	1	DAVIDE GROPPI	MISS FULLY SHIELDED, DOWNWARD DIRECTED, AND PROPERLY DIRECTED	420	5.5 WATT	3000 K	BRUSHED BRASS
LED	162 LF	LUMINII	LL18 WET & KM CHANNEL STAIR RISER LIGHT, DOWNWARD DIRECTED	113LM/FT	1.5 WATT/FT	3000 K	N/A

SITE LIGHTING FIXTURE SCHEDULE

TYPE	QTY.	MANUFACTURER	DESCRIPTION	LUMENS	WATTAGE	COLOR TEMP.	FINISH COLOR
PL	17	FX	SP10X-12R-CU-SS 12V MINI PATH LIGHT	100	10 WATT	2700 K	DARK BRONZE
TD	14	LUMIERE	213-BZ 12V DANGLING TREE DOWN LIGHT NOTE: LIGHTING TO BE PLACE NO HIGHER THAN 8' ABOVE GRADE	100	12 WATT	2700 K	DARK BRONZE
GU	35	LUMIERE	203-BZ/CNR8 12V GROUND MOUNTED TREE UP LIGHT	100	12 WATT	3000 K	DARK BRONZE

PL

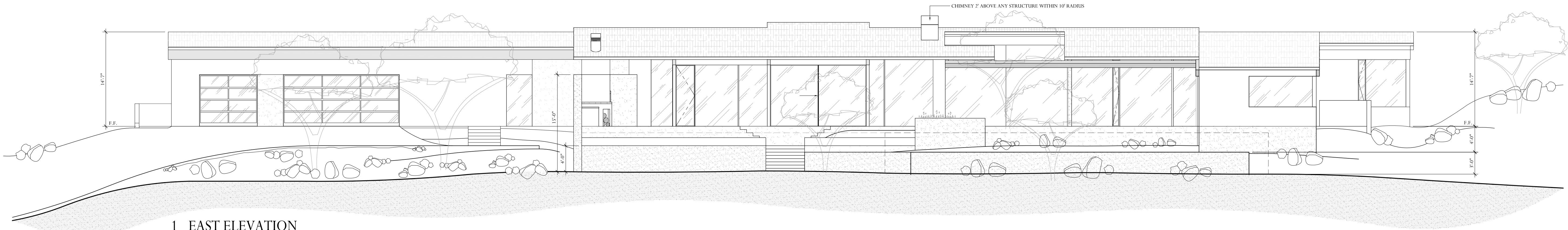
[illegible]The logo for Tennen Studio features a stylized vertical line that splits into two thin, slightly curved lines extending upwards and outwards, resembling a pair of diverging paths or a stylized 'N'. Below this graphic, the words "TENNEN STUDIO" are written in a bold, black, sans-serif font.

TENNEN STUDIO

4702 EAST INDIAN SCHOOL ROAD PHOENIX, ARIZONA 85018
PHONE 602.840.8625 FAX 602.840.8652
WWW.TENNENSTUDIO.COM

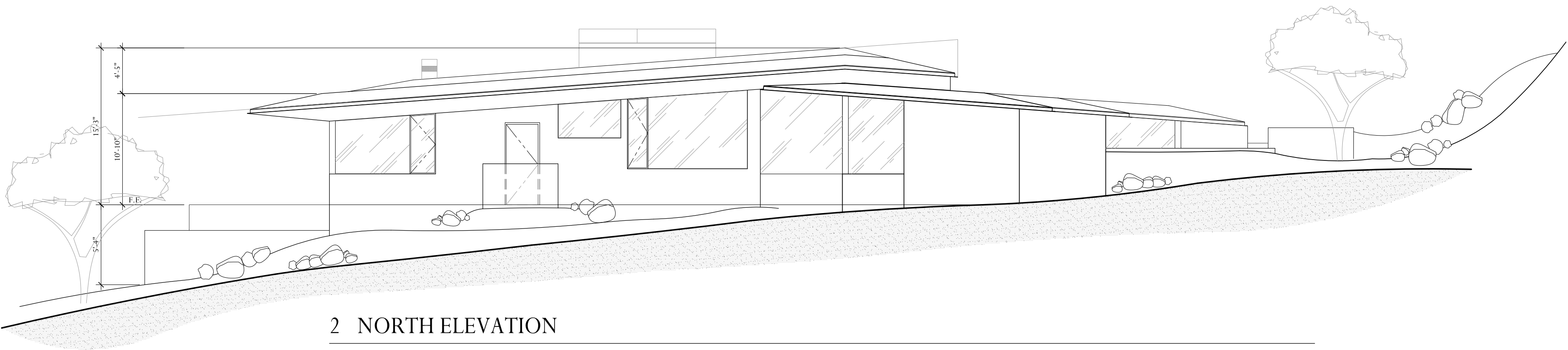
NO.	ISSUES/REVISIONS	DATE
		
PROJECT	HBL	
7550 N. HUMMINGBIRD LANE PARADISE VALLEY, AZ 85253		
DATE	23 OCTOBER 2018	
SCALE	1/16"=1'-0"	
BUILDING LIGHTING PLAN		
SHEET	B EL1.0	

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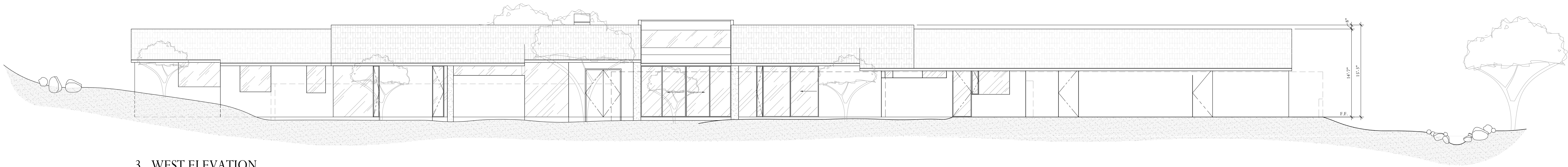
1 EAST ELEVATION

SCALE: 1/8"=1'-0"



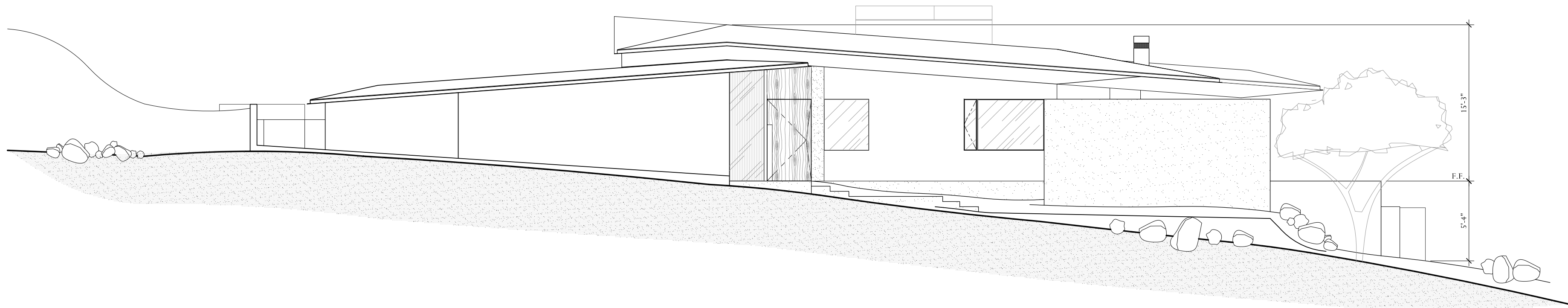
2 NORTH ELEVATION

SCALE: 1/8"=1'-0"



3 WEST ELEVATION

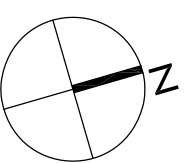
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4 SOUTH ELEVATION

SCALE: 1/8"=1'-0"

NO. ISSUES/REVISIONS DATE



PROJECT HBL

7550 N. HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85253

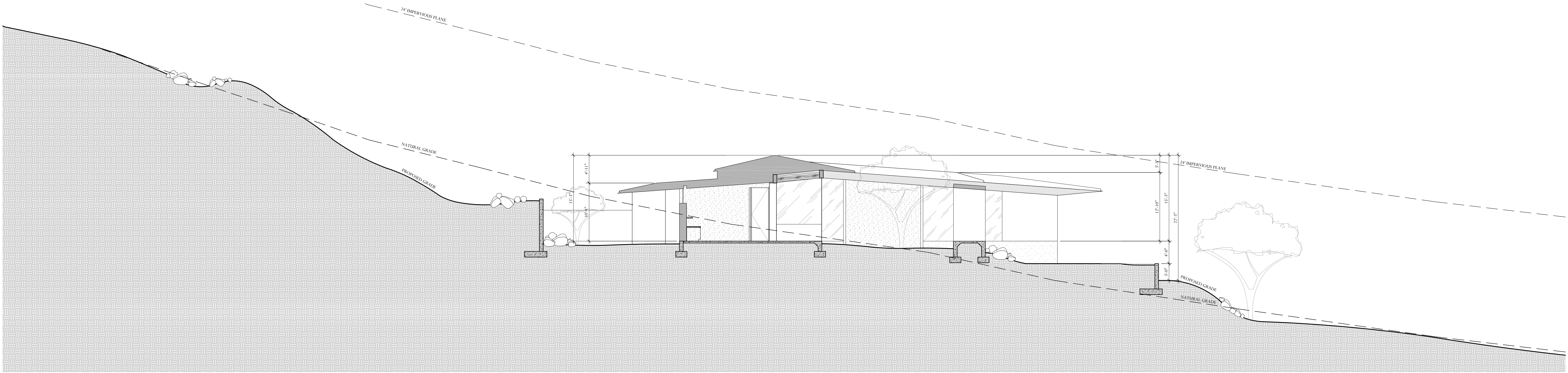
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BUILDING ELEVATIONS

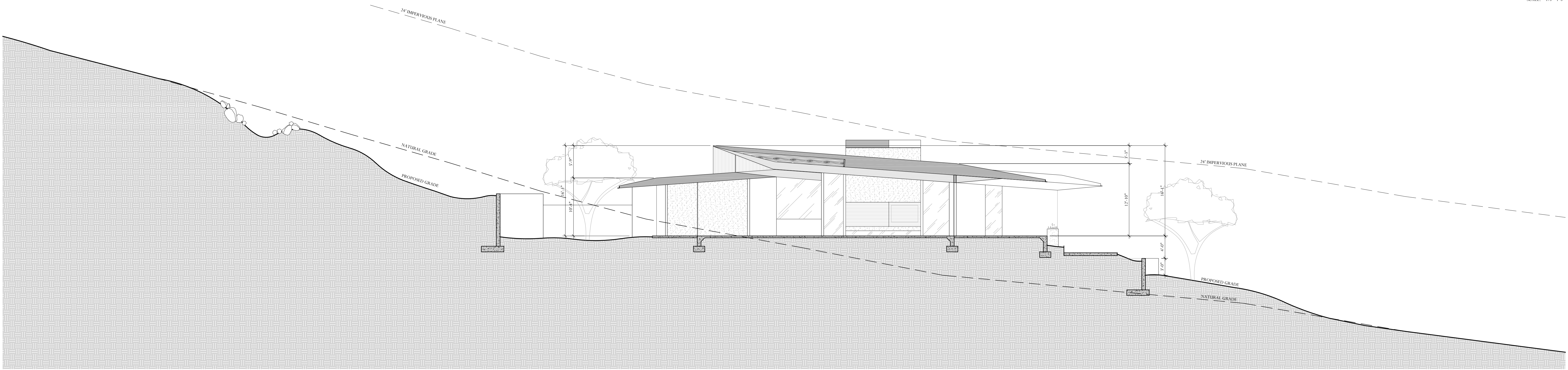
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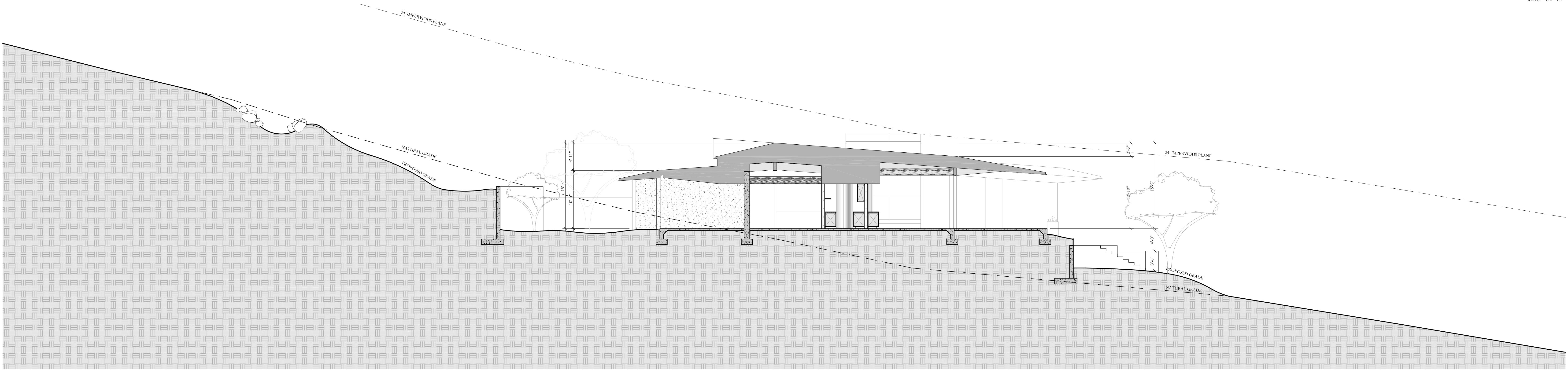
1 SITE SECTION @ BUILDING

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2 SITE SECTION @ BUILDING

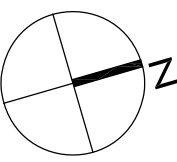
SCALE: 1/8"=1'-0"



3 SITE SECTION @ BUILDING

SCALE: 1/8"=1'-0"

NO. ISSUES/REVISIONS DATE



PROJECT HBL

7550 N. HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85253

DATE 23 OCTOBER 2018

SCALE 1/8"=1'-0"

BUILDING &
SITE SECTIONS

SHEET

B A3.0

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