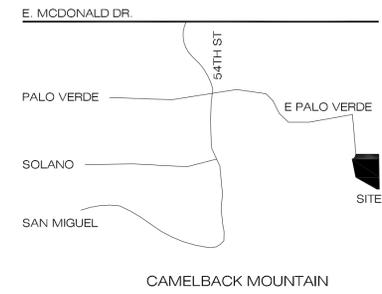


DRAWING INDEX

- G100 ARCHITECTURE
- G101 RENDERED ELEVATION
- G101 SITE PHOTOS
- A100 SITE PLAN & PROJECT DATA
- A101 AERIAL CONTEXT PLAN
- A300 ELEVATIONS
- A301 ELEVATIONS
- A400 SECTIONS
- A401 SECTIONS
- A500 3D MODEL PERSPECTIVES



VICINITY MAP
N.T.S.



PROJECT TEAM

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30 WEST OAK STREET - 7B
CHICAGO, ILLINOIS, 60610
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1729 EAST OSBORN ROAD
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ROBERT ATHERTON, PE, FLS
RATHERTON@ATHERTONENGINEERING.COM

PROJECT DATA

PROJECT DESCRIPTION	NEW SINGLE FAMILY RESIDENCE
PROJECT ADDRESS	5564 EAST PALO VERDE LANE PARADISE VALLEY, ARIZONA 85253
LEGAL DESCRIPTION	LOT 13, STONE CANYON EAST, BOOK 81 OF MAPS, PAGE 34., MARICOPA COUNTY RECORDER
APN	168-68-027
ZONING	R-43 (HILLSIDE)
AREA OF LOT (NET)	1.154 ACRES± (60,256 SF)
BUILDING SETBACKS	FRONT 40 FT REAR 40 FT SIDE 20 FT

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office 602.230.0383
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HILLSIDE
CONCEPT REVIEW

melinden residence
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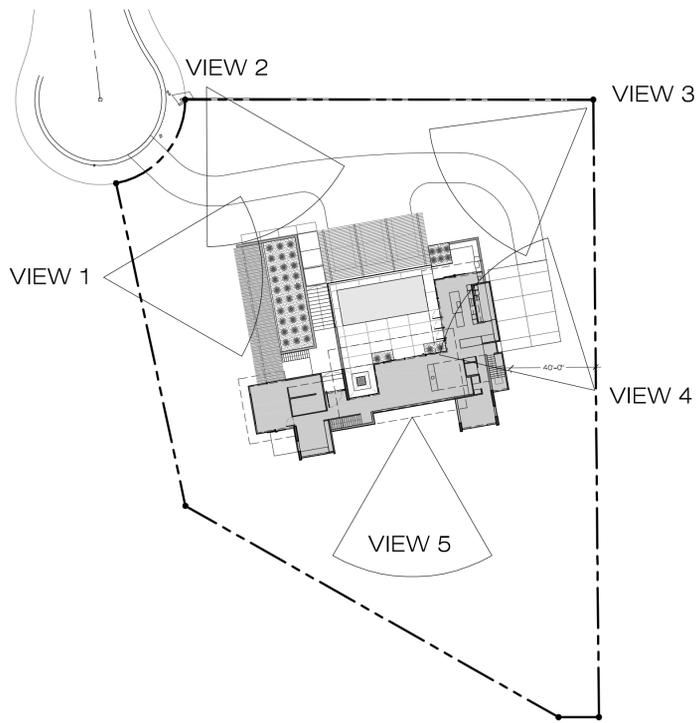
RENDERED ELEVATION

03.21.17

G100



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SITE KEY PLAN
SCALE: 1"=40'



VIEW 4



VIEW 3



VIEW 2



VIEW 5



VIEW 1

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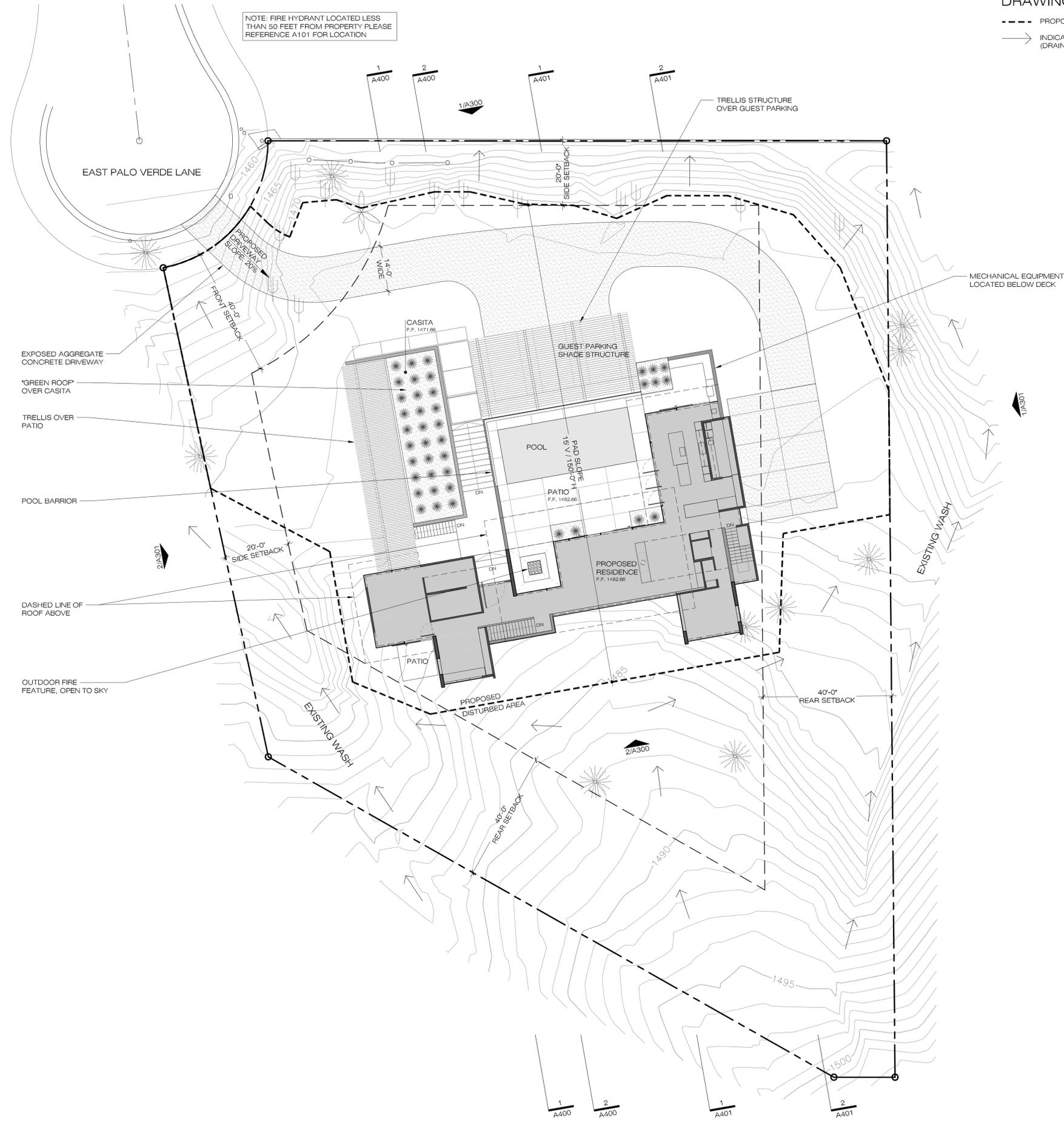
HILLSIDE
CONCEPT REVIEW

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03.21.17
SITE PHOTOS

G101

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DRAWING KEY

- PROPOSED DISTURBED AREA
- INDICATES PATH OF WATER FLOW (DRAINAGE)

PROJECT DATA

PROJECT DESCRIPTION	NEW SINGLE FAMILY RESIDENCE
PROJECT ADDRESS	5564 EAST PALO VERDE LANE PARADISE VALLEY, ARIZONA 85253
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ZONING	R-43 (HILLSIDE)
AREA OF LOT (NET)	1.154 ACRES ± (50,256 SF)
BUILDING SETBACKS	FRONT 40 FT REAR 40 FT SIDE 20 FT

SQUARE FOOTAGES & FLOOR AREA RATIO

FLOOR AREAS	4,000 SF (MAIN LEVEL) 918 SF (CASITA) 1,064 SF (LOWER LEVEL) 1,233 SF (GARAGE) 1,400 SF (OVERHANGS) 384 SF (COVERD MECH) 625 SF (1,250 SF 50% OPEN TRELLIS) 439 SF (877 SF 50% OPEN TRELLIS) 352 SF (EXTERIOR COURTYARD)
	10,415 SF (TOTAL FLOOR AREA)
ALLOWABLE F.A.R.	12,564 SF (50,256 SF x 25%)
PROPOSED F.A.R.	20.72 % (AREA UNDER ROOF / AREA OF LOT)
DISTURBANCE	
BUILDING PAD SLOPE	10% (15' VERT. / 150'-0" HORIZ.)
ALLOWABLE DISTURBED AREA	30,153.6 SF (50,256 SF x 60%)
EXISTING EST. DISTURBED AREA	18,355 SF
DRIVEWAY REDUCTION	1,231.25 SF (4,925 SF x 25%)
BUILDING FOOTPRINT	4,000 SF (MAIN HOUSE) 918 SF (CASITA)
PROPOSED DISTURBED AREA	27,470 SF (GROSS AREA) - 4,918 SF (BUILDING FOOT PRINT) - 1,231 SF (DRIVEWAY REDUCTION)
	21,321 SF (PROPOSED NET DISTURBANCE)

FINISH FLOOR ELEVATIONS

LOWER LEVEL F.F. = 1471.66
UPPER LEVEL F.F. = 1482.66

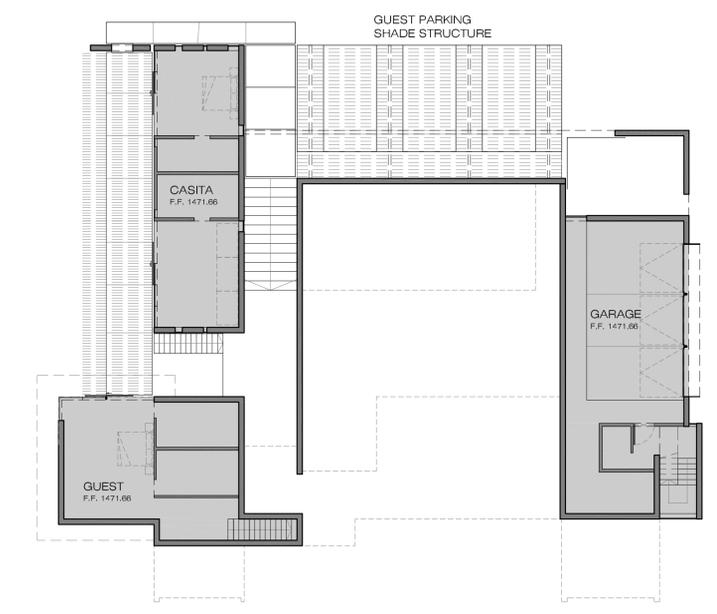
PROPOSED DRAINAGE

THE NEW PROPOSED SINGLE FAMILY RESIDENCE DOES NOT IMPACT DRAINAGE CONDITIONS OF ADJOINING LOTS.

WATER FLOW FROM THE HIGHER ELEVATION TO THE SOUTH IS PRIMARILY DIVERTED TO THE EAST AND WEST PRIOR TO REACHING THE NEW IMPROVEMENTS.

DRAINAGE WILL BE COLLECTED UPHILL OF THE NEW IMPROVEMENTS AND DRAINED AWAY AND AROUND THE PROPOSED IMPROVEMENTS.

HISTORIC DRAINAGE PATTERNS ARE PRESERVED.



1 | SITE & MAIN LEVEL PLAN
SCALE: 1/16"=1'-0"

2 | LOWER LEVEL
SCALE: 1/16"=1'-0"

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HILLSIDE
CONCEPT REVIEW

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A100

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LOCATION OF FIRE HYDRANT LESS THAN 50 FEET FROM PROPERTY

LOT 7
172-47-052
R-43

LOT 6
172-47-051
R-43

LOT 21
172-02-087
SUP-R

LOT 33
172-02-077
SUP-R

LOT 34
172-02-078
SUP-R

LOT 36
172-02-080
SUP-R

LOT 35
172-02-079
SUP-R

LOT 38
172-02-082
SUP-R

LOT 37
172-02-081
SUP-R

LOT 41
172-02-085
SUP-R

LOT 40
172-02-084
SUP-R

LOT 39
172-02-083
SUP-R

LOT 15
172-47-060
R-43

LOT 14
172-47-059
R-43

LOT 3
172-02-088
SUP-R



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AERIAL CONTEXT PLAN

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GENERAL NOTES

1. SEE CIVIL DRAWINGS FOR MAXIMUM BUILDING HEIGHT FROM FINISH GRADE
2. MAXIMUM BUILDING HEIGHT SHALL NOT EXCEED 24'-0" FROM NATURAL GRADE
3. OVERALL HEIGHT OF BUILDING SHALL NOT EXCEED 40'-0"
4. THE MAXIMUM HEIGHT OF ALL RETAINING WALLS SHALL BE 8'-0"

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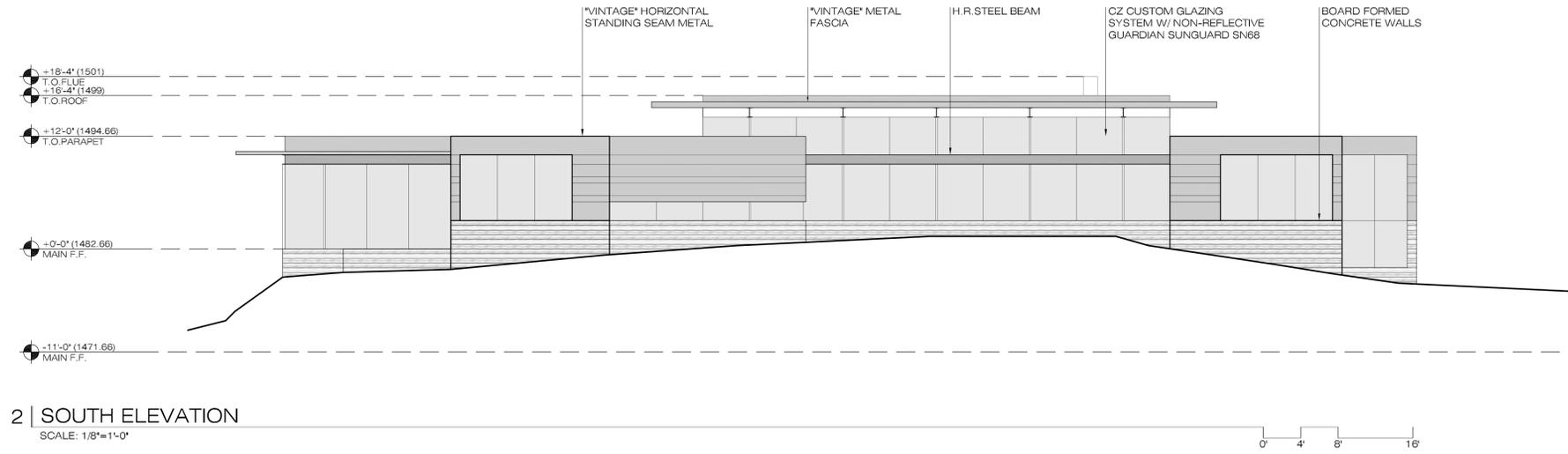
**HILLSIDE
 CONCEPT REVIEW**

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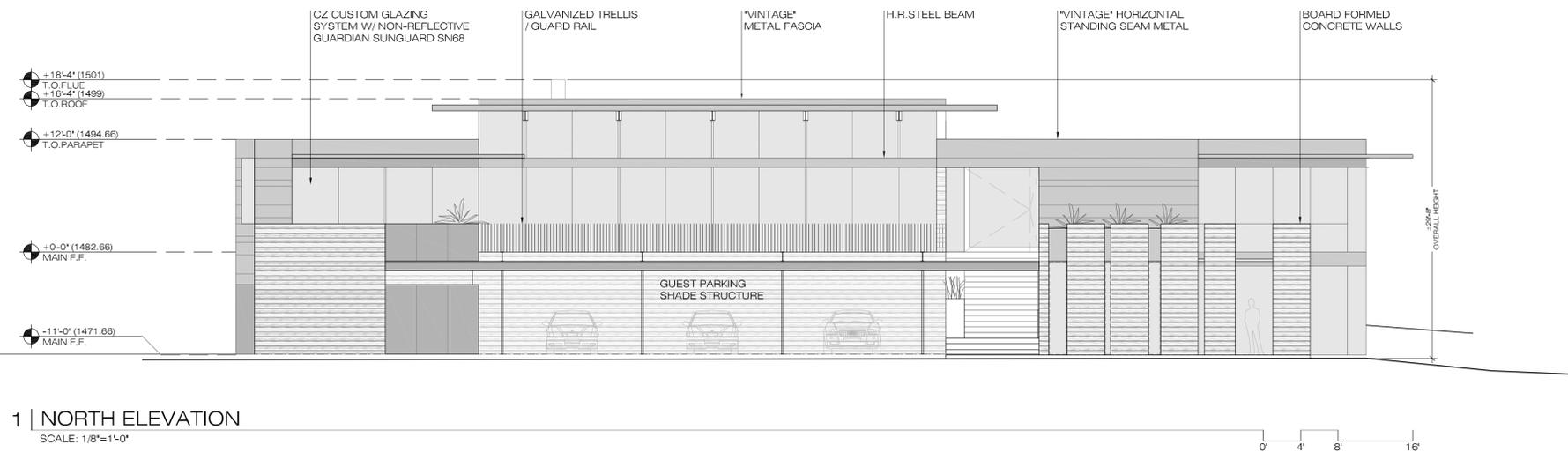
ELEVATIONS

03.21.17

A300



2 | SOUTH ELEVATION
 SCALE: 1/8"=1'-0"

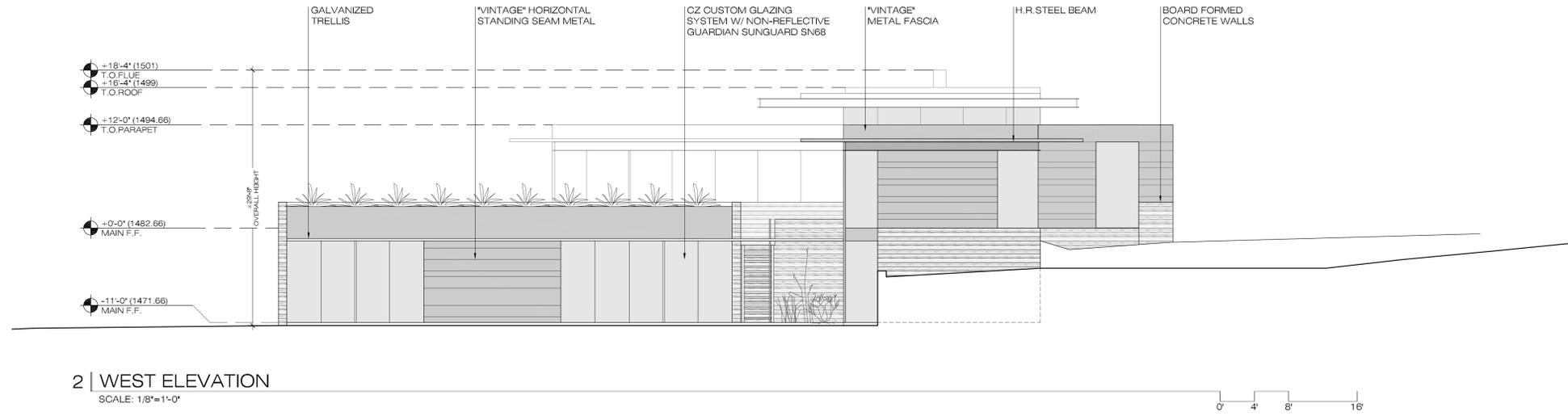


1 | NORTH ELEVATION
 SCALE: 1/8"=1'-0"

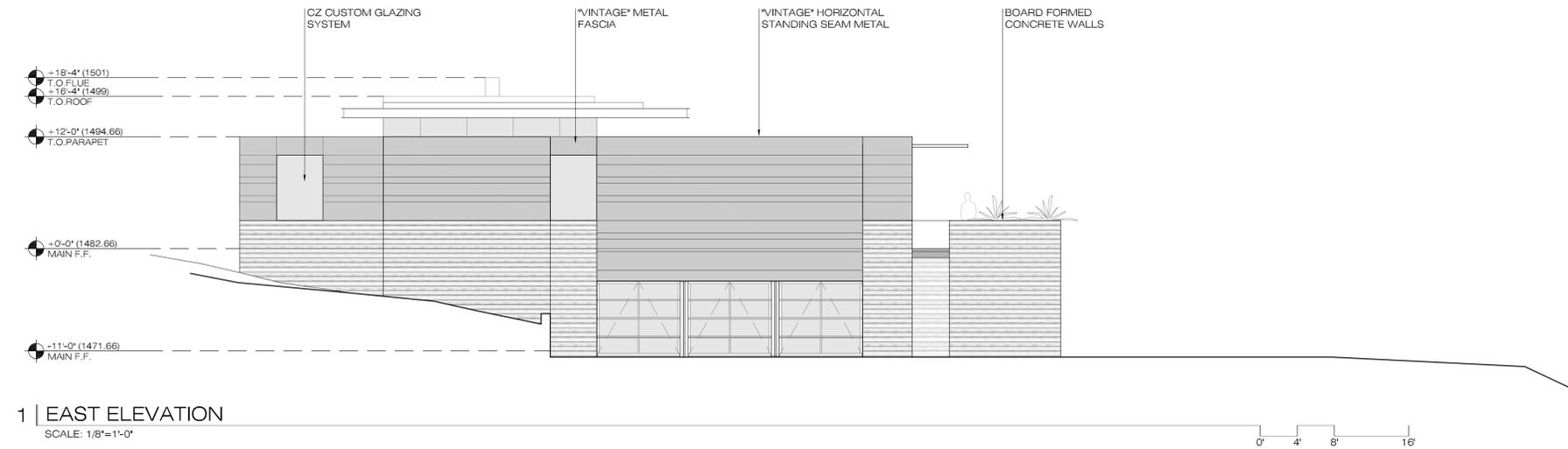
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2 | WEST ELEVATION
 SCALE: 1/8"=1'-0"



1 | EAST ELEVATION
 SCALE: 1/8"=1'-0"

HILLSIDE
 CONCEPT REVIEW

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ELEVATIONS

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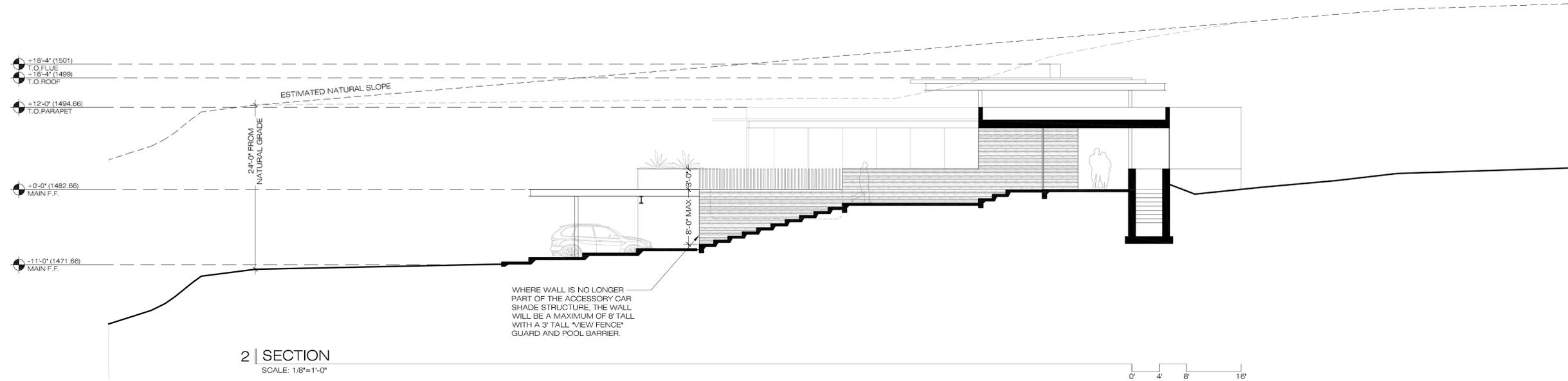
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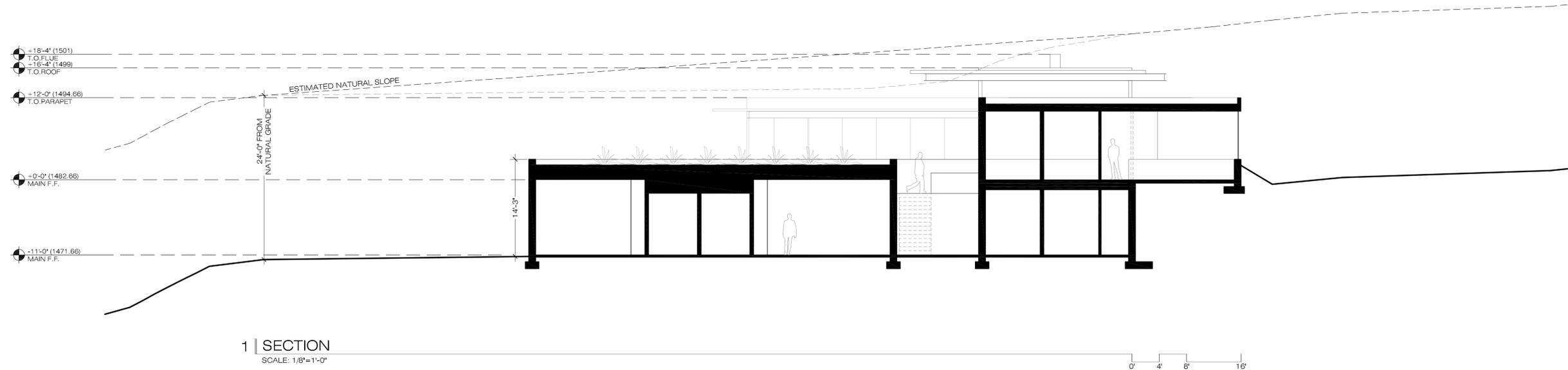
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2 | SECTION
 SCALE: 1/8"=1'-0"



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

HILLSIDE
 CONCEPT REVIEW

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SECTIONS

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A400

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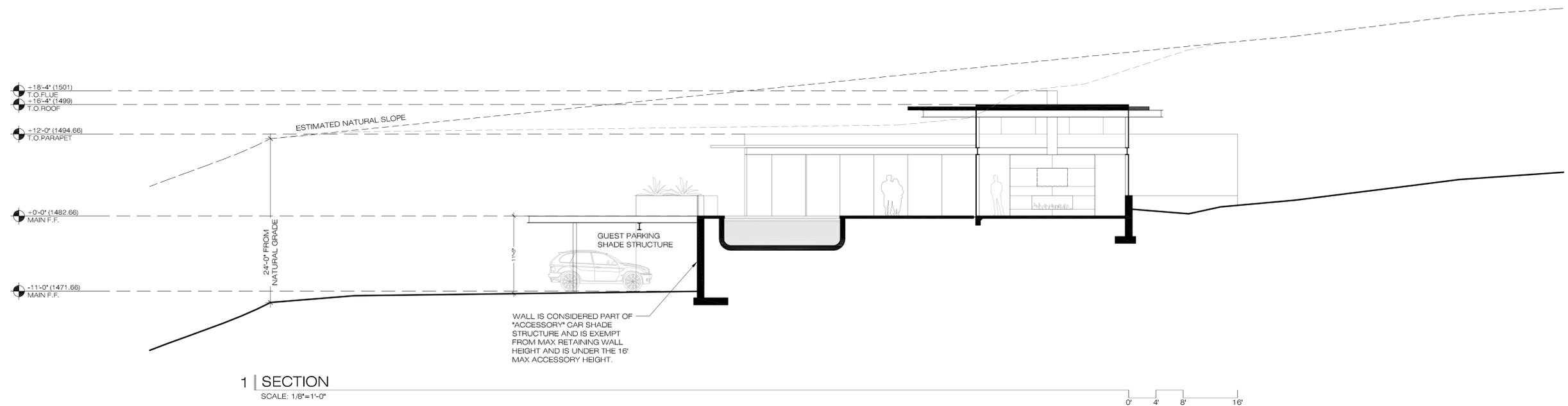
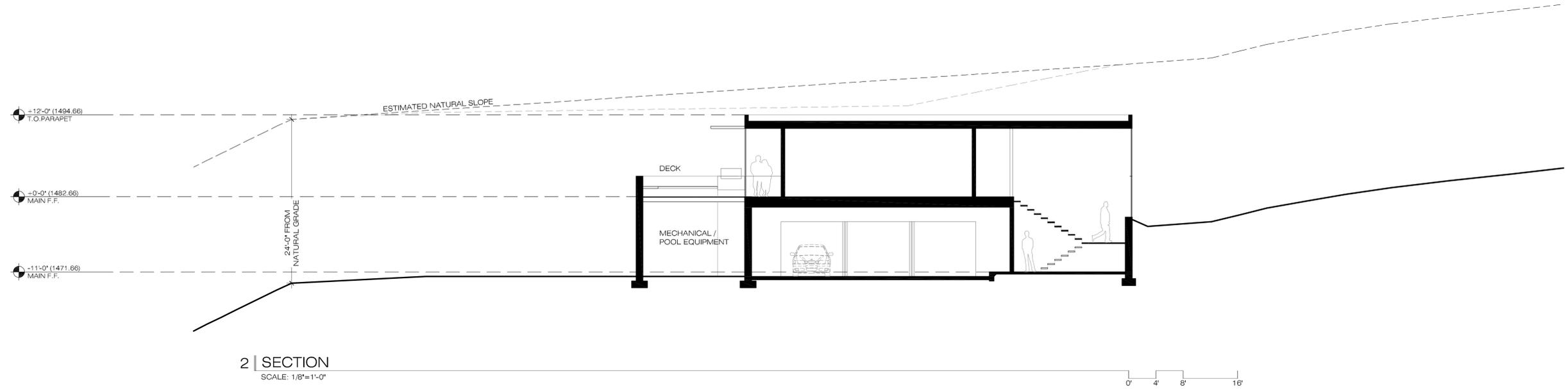
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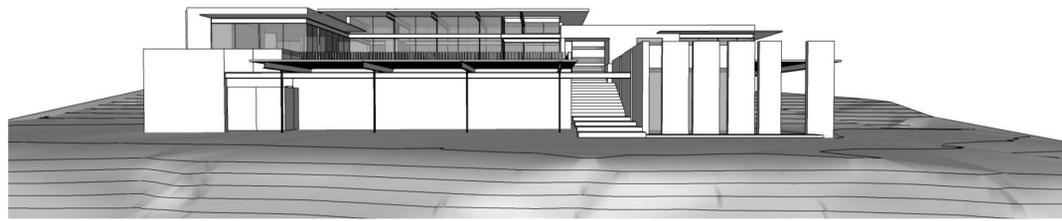
SECTIONS

03.21.17

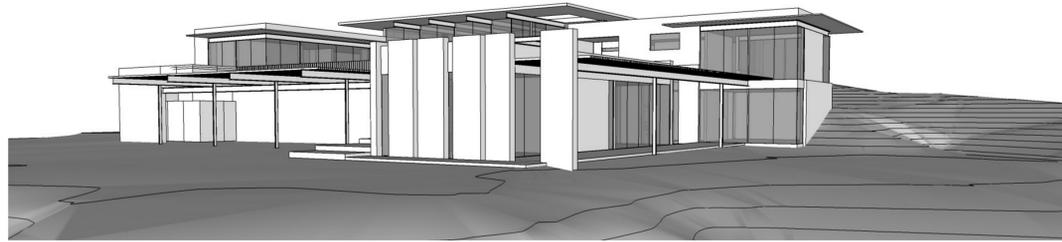
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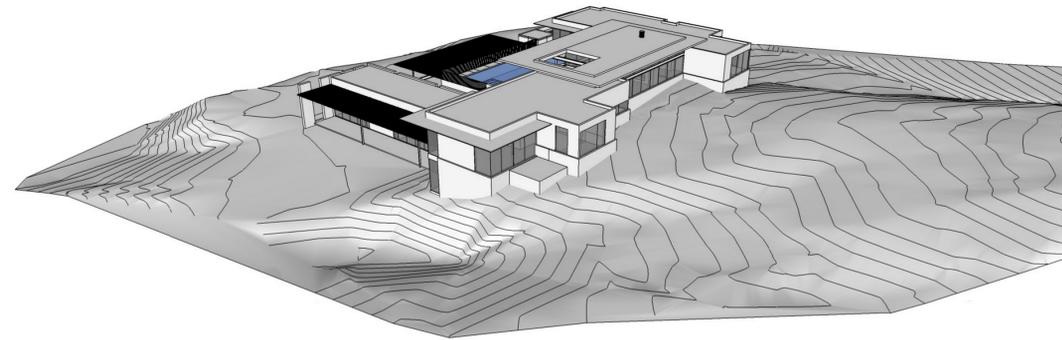
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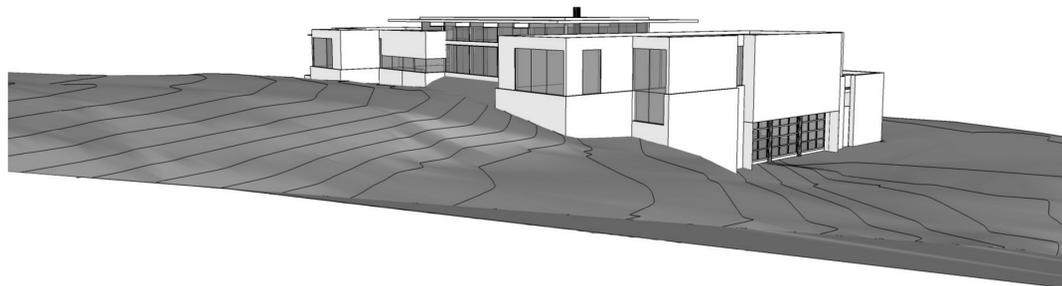
7 | NORTH ELEVATION
N.T.S.



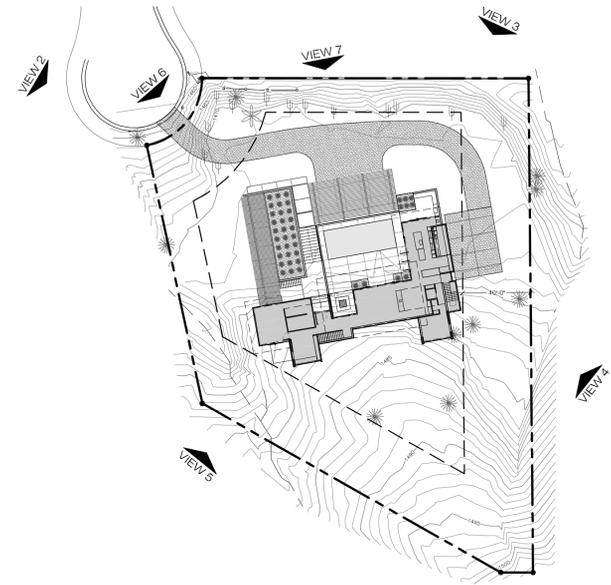
6 | VIEW FROM DRIVEWAY
N.T.S.



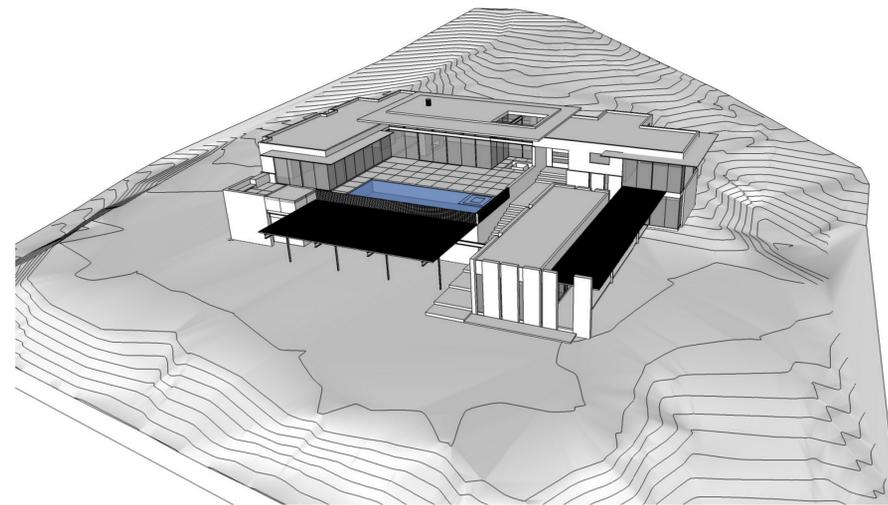
5 | AERIAL VIEW
N.T.S.



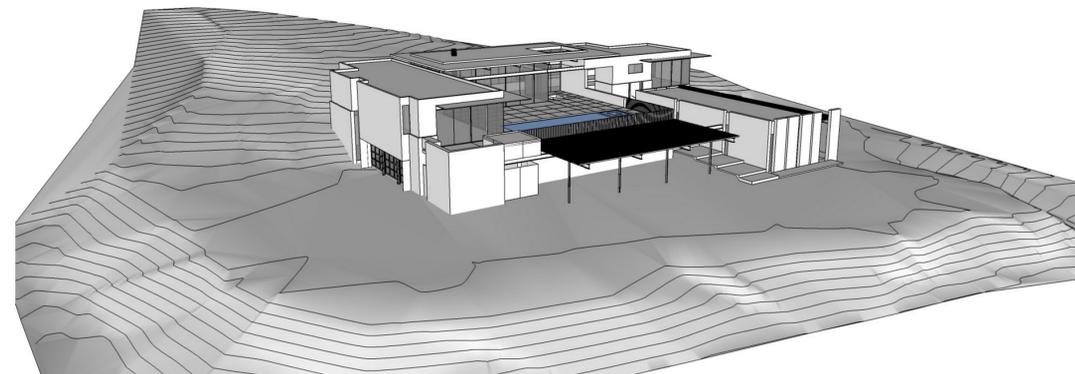
4 | AERIAL VIEW
N.T.S.



1 | KEY PLAN
N.T.S.



2 | AERIAL VIEW
N.T.S.



3 | AERIAL VIEW
N.T.S.

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3D MODEL PERSPECTIVES
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