

ABBREVIATIONS

ABC	.....	AGGREGATE BASE COURSE
A.F.F.	.....	ABOVE FINISHED FLOOR
C.I.	.....	CAST IRON
C.M.U.	.....	CONCRETE MASONRY UNIT
DW	.....	DISHWASHER
F.O.P.	.....	FACE OF POST
F.O.S.	.....	FACE OF STUD
F.F.	.....	FINISHED FLOOR
FG	.....	FIBER GLASS
FLUOR.	.....	FLUORESCENT (LIGHT FIXTURE)
F.V.	.....	FIELD VERIFY
GSM	.....	GALVANIZED SHEET METAL
GFI	.....	GROUND FAULT CIRCUIT
GYP. BRD.	.....	GYPNUM BOARD
I.B.C.	.....	INTERNATIONAL BUILDING CODE
I.C.C.	.....	INTERNATIONAL CODE COUNCIL
I.F.C.	.....	INTERNATIONAL FIRE CODE
I.M.C.	.....	INTERNATIONAL MECHANICAL CODE
I.P.C.	.....	INTERNATIONAL PLUMBING CODE
I.R.C.	.....	INTERNATIONAL RESIDENTIAL CODE
MFR.	.....	MANUFACTURER
MICRO	.....	MICROWAVE OVEN
N.E.C.	.....	NATIONAL ELECTRIC CODE
N.T.S.	.....	NOT TO SCALE
O.A.	.....	OVER ALL
O.C.	.....	ON CENTER
P.E.N.	.....	PERIMETER EDGE NAILING
PTDF	.....	PRESSURE TREATED DOUGLAS FIR
P.L.F.	.....	PER LINEAR FOOT
REF.	.....	REFRIGERATOR
R	.....	RISE (in 16in-16 RISERS)
SPECS.	.....	SPECIFICATIONS
SS	.....	STAINLESS STEEL
TEMP.	.....	TEMPERED GLASS
TC	.....	TRASH COMPACTOR
TYP.	.....	TYPICAL
U.O.N.	.....	UNLESS OTHERWISE NOTED
WC	.....	WATER CLOSET
WP	.....	WATER PROOF
WI	.....	WROUGHT IRON
WWF	.....	WELDED WIRE FABRIC

POOLS, SPA'S & HOT TUBS

SWIMMING POOL IS DEFINED AS ANY CONTAINED BODY OF WATER 18 INCHES (457 MM) AT ANY POINT. THIS INCLUDES IN-GROUND, ABOVE GROUND AND ON-GROUND SWIMMING POOLS AND HOT TUBS AND SPAS.

BARRIER REQUIREMENTS

THE PROVISIONS OF THIS CHAPTER SHALL CONTROL THE DESIGN OF BARRIERS FOR RESIDENTIAL SWIMMING POOLS, SPAS AND HOT TUBS. THESE DESIGN CONTROLS ARE INTENDED TO PROVIDE PROTECTION AGAINST POTENTIAL DROWNINGS AND NEAR DROWNINGS BY RESTRICTING ACCESS TO SWIMMING POOLS, SPAS AND HOT TUBS.

AN OUTDOOR SWIMMING POOL, INCLUDING AN IN-GROUND, ABOVE-GROUND OR ON-GROUND POOL, HOT TUB OR SPA SHALL BE SURROUNDED BY A BARRIER WHICH SHALL COMPLY WITH THE FOLLOWING:

- THE TOP OF THE BARRIER SHALL BE AT LEAST 60 INCHES (1524 MM) ABOVE GRADE MEASURED ON THE SIDE OF THE BARRIER WHICH FACES AWAY FROM THE SWIMMING POOL. THE TOP OF THE BARRIER THAT SEPARATES THE SWIMMING POOL ONLY FROM HABITABLE SPACES ON THE SAME PROPERTY SHALL BE AT LEAST 48 INCHES (1219 MM) ABOVE GRADE MEASURED ON THE SIDE OF THE BARRIER WHICH FACES AWAY FROM THE SWIMMING POOL. THE MAXIMUM VERTICAL CLEARANCE BETWEEN THE BARRIER AND THE BOTTOM OF THE BARRIER SHALL BE 2 INCHES (51 MM). THE MAXIMUM VERTICAL CLEARANCE AT THE BOTTOM OF THE BARRIER MAY BE INCREASED TO 4 INCHES (102 MM) WHEN GRADE IS A SOLID SURFACE SUCH AS CONCRETE. THE BARRIER SHALL BE AT LEAST 30 INCHES FROM THE WATER'S EDGE.
- OPENINGS IN THE BARRIER SHALL NOT ALLOW PASSAGE OF A 4 INCH DIAMETER (102 MM) SPHERE. ANY DECORATIVE DESIGN WORK SUCH AS PROTRUSIONS, INDENTATIONS OR CUTOUTS WHICH MAKE THE BARRIER EASILY CLIMBABLE IS PROHIBITED.
- SOLID BARRIERS WHICH DO NOT HAVE OPENINGS, SUCH AS MASONRY OR STONE WALL, SHALL NOT CONTAIN INDENTATIONS OR PROTRUSIONS EXCEPT FOR NORMAL CONSTRUCTION TOLERANCES AND TOOLED MASONRY JOINTS.
- THERE SHALL BE AT LEAST 45" INCHES BETWEEN HORIZONTAL ELEMENTS.
- MAXIMUM MESH SIZE FOR CHAIN LINK FENCES SHALL BE A 2 1/4 INCH (57 MM) SQUARE UNLESS THE FENCE HAS SLATS FASTENED AT THE TOP OR THE BOTTOM WHICH REDUCE THE OPENINGS TO NOT MORE THAN 1 3/4 INCHES (44 MM). CHAIN LINK FENCING SHALL NOT BE LESS THAN 11 GAUGE.
- WHERE THE BARRIER IS COMPOSED OF DIAGONAL MEMBERS, SUCH AS A LATTICE FENCE, THE MAXIMUM OPENING FORMED BY THE DIAGONAL MEMBERS SHALL NOT BE MORE THAN 1 1/4 INCHES (44MM).
- ACCESS GATES SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION, ITEMS 1 THROUGH 6, AND SHALL BE EQUIPPED TO ACCOMMODATE A LOCKING DEVICE. PEDESTRIAN ACCESS GATES SHALL OPEN OUTWARD AWAY FROM THE POOL AND SHALL BE SELF-CLOSING AND HAVE A SELF-LATCHING DEVICE. GATES OTHER THAN PEDESTRIAN ACCESS GATES SHALL BE LOCKABLE WHERE THE RELEASE MECHANISM OF THE SELF-LATCHING DEVICE IS LOCATED LESS THAN 54 INCHES (1372 MM) FROM THE BOTTOM OF THE GATE. THE RELEASE MECHANISM AND OPENINGS SHALL COMPLY WITH THE FOLLOWING:
 - THE RELEASE MECHANISM SHALL BE LOCATED ON THE POOL SIDE OF THE GATE AT LEAST 3 INCHES (76 MM) BELOW THE TOP OF THE GATE, AND
 - THE GATE AND BARRIER SHALL HAVE NO OPENING LARGER THAN 1/2 INCH (13 MM) WITHIN 18 INCHES (457 MM) OF THE RELEASE MECHANISM.
- WHERE A WALL OF A DWELLING SERVES AS PART OF THE BARRIER, ONE OF THE FOLLOWING CONDITIONS SHALL BE MET:
 - IN LIEU OF THE BARRIER BETWEEN THE DWELLING AND THE SWIMMING POOL, THE SWIMMING POOL SHALL BE EQUIPPED WITH A POWERED SAFETY COVER IN ACCORDANCE WITH ASTM F 1346; OR
 - DOORS WITH DIRECT ACCESS TO THE POOL THROUGH THAT WALL SHALL BE EQUIPPED WITH AN ALARM WHICH PRODUCES AN AUDIBLE WARNING WHEN THE DOOR AND/OR ITS SCREEN, IF PRESENT, ARE OPENED. THE ALARM SHALL BE LISTED IN ACCORDANCE WITH UL 2017. THE AUDIBLE ALARM SHALL ACTIVATE WITHIN 7 SECONDS AND SOUND CONTINUOUSLY FOR A MINIMUM OF 30 SECONDS AFTER THE DOOR AND/OR ITS SCREEN, IF PRESENT, ARE OPENED AND BE CAPABLE OF BEING HEARD THROUGHOUT THE HOUSE. DURING NORMAL HOUSEHOLD ACTIVITIES, THE ALARM SHALL AUTOMATICALLY RESET UNDER ALL CONDITIONS. THE ALARM SYSTEM SHALL BE EQUIPPED WITH A MANUAL MEANS, SUCH AS TOUCH PAD OR SWITCH, TO TEMPORARILY DEACTIVATE THE ALARM FOR A SINGLE OPENING. DEACTIVATION SHALL LAST FOR NOT MORE THAN 15 SECONDS. THE DEACTIVATION SWITCH(ES) SHALL BE LOCATED AT LEAST 54 INCHES (1372 MM) ABOVE THE THRESHOLD OF THE DOOR, OR
 - OTHER MEANS OF PROTECTION, SUCH AS SELF-CLOSING DOORS WITH SELF-LATCHING DEVICES, WHICH ARE APPROVED BY THE GOVERNING BODY, SHALL BE ACCEPTABLE SO LONG AS THE DEGREE OF PROTECTION AFFORDED IS NOT LESS THAN THE PROTECTION AFFORDED BY ITEM 8.1 OR 8.2 DESCRIBED ABOVE. SELF-CLOSING AND SELF-LATCHING DEVICES SHALL BE INSTALLED ON ALL DOORS WITH DIRECT ACCESS TO THE POOL AREA, WITH THE RELEASE MECHANISM LOCATED A MINIMUM OF FIFTY-FOUR INCHES ABOVE THE FLOOR.
- WHERE AN ABOVE-GROUND POOL STRUCTURE IS USED AS A BARRIER OR WHERE THE BARRIER IS MOUNTED ON TOP OF THE POOL STRUCTURE, AND THE MEANS OF ACCESS IS A LADDER OR STEPS:
 - THE LADDER OR STEPS SHALL BE CAPABLE OF BEING SECURED, LOCKED OR REMOVED TO PREVENT ACCESS, OR
 - THE LADDER OR STEPS SHALL BE SURROUNDED BY A BARRIER WHICH MEETS THE REQUIREMENTS OF THIS SECTION, ITEMS 1 THROUGH 8, WHEN THE LADDER OR STEPS ARE SECURED, LOCKED OR REMOVED, ANY OPENING CREATED SHALL NOT ALLOW THE PASSAGE OF A 4 INCH DIAMETER (102 MM) SPHERE.
- PET DOORS WHICH PROVIDE DIRECT ACCESS TO THE POOL AREA ARE PROHIBITED UNLESS THEY MEET THE REQUIREMENTS OF ITEM 2 OR ARE EQUIPPED WITH AN ALARM THAT MEETS ITEM 8.2.
- WINDOWS WITH ACCESS TO THE POOL AREAS WILL BE PROTECTED IN THE FOLLOWING WAYS:
 - EMERGENCY ESCAPE OR RESCUE WINDOWS FROM SLEEPING AREAS WITH ACCESS TO THE SWIMMING POOL WILL BE EQUIPPED WITH A LATCHING DEVICE NOT LESS THAN 54 INCHES (1372 MM) ABOVE THE FLOOR.
 - ALL OTHER OPENABLE WINDOWS WITH SIMILAR ACCESS WILL ALSO BE EQUIPPED WITH A LATCHING DEVICE NOT LESS THAN 54 INCHES (1372 MM) ABOVE THE FLOOR OR SHALL BE EQUIPPED WITH KEY LOCK DEVICE THAT PREVENTS OPENING THE WINDOW MORE THAN 4 INCHES (102 MM). WALLS SURROUNDING AN INDOOR SWIMMING POOL SHALL COMPLY WITH ITEM 8.
- BARRIERS SHALL BE LOCATED TO PROHIBIT PERMANENT STRUCTURES, EQUIPMENT OR SIMILAR OBJECTS FROM BEING USED TO CLIMB THEM.
- SPAS OR HOT TUBS WITH A SAFETY COVER WHICH COMPLIES WITH ASTM F 1346 SHALL BE EXEMPT FROM THE PROVISIONS OF THIS SECTION.

JACUZZI TYPE TUB

- PROVIDE REMOVABLE PANEL OF SUFFICIENT SIZE TO ACCESS PUMP.
- CIRCULATION PUMP SHALL BE LOCATED ABOVE THE CROWN WEIR OF THE TRAP.
- PUMP AND CIRCULATION PIPING SHALL BE SELF-DRAINING.
- SUCTION FITTINGS SHALL COMPLY WITH THE LISTED STANDARDS.
- PROVIDE G.F.I. CIRCUIT (N.E.C. ARTICLE 680-70).

GENERAL NOTES

- BUILDING CODE DESIGN DATA - ALL CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING CODES AND AMMENDMENTS PER THEIR ADOPTING ORDINANCES:
2015 INTERNATIONAL BUILDING CODE (ORD. #4059)
2015 INTERNATIONAL RESIDENTIAL CODE (ORD. #4060)
2015 INTERNATIONAL FIRE CODE (ORD. #4045)
2015 INTERNATIONAL PLUMBING CODE (ORD. #4061)
2015 INTERNATIONAL MECHANICAL CODE (ORD. #4062)
2014 NATIONAL ELECTRICAL CODE (ORD. #4064)
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL FUEL GAS CODE
- CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA - TABLE R301.2 (1) AMENDED

ROOF SNOW LOAD	WIND WIND SPEED (MPH)	SEISMIC DESIGN CATEGORY 1a	SUBJECT TO DAMAGE FROM WEATHERING: FRONT LINE DEPTH +	TERMINATE: DECAT +	WINTER DESIGN TEMP. 1	FLOOD HAZARDS
0	115 EXPOSURE B C		NEG. LOADABLE	FINAL GRADE TO HEAVY	MODERATE TO SLIGHT	34 DEGREES
- DRAWINGS MAY NOT BE SCALED. ALL DIMENSIONS RELATED TO DETAILS NOT SPECIFICALLY SHOWN, SHALL BE OF THE SAME NATURE AS OTHER SIMILAR CONDITIONS. VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL NOTIFY DREWETT WORKS OF ANY DISCREPANCIES ON DRAWINGS, REQUIRING CLARIFICATION OR REVISIONS PRIOR TO COMMENCING WITH WORK.
- ALL CHIMNEYS SHALL HAVE APPROVED SPARK ARRESTORS.
- ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, SHALL BEAR THE SEAL AND SIGNATURE OF AN ENGINEER REGISTERED IN ARIZONA.
- FINISH FLOOR ELEVATION (AS BUILT) SHALL BE CERTIFIED BY THE CITY FOR THE FEDERAL EMERGENCY MANAGEMENT ASSOCIATION WHERE REQUIRED.
- OPTIONS ARE FOR THE CONTRACTORS CONVENIENCE. HE SHALL BE RESPONSIBLE FOR ALL CHANGES NECESSARY IF HE CHOOSES AN OPTION AND SHALL COORDINATE ALL DETAILS. THE COST OF ADDITIONAL DESIGN WORK NECESSITATED BY SELECTION OF AN OPTION SHALL BE BORNE BY THE CONTRACTOR.
- THE COST OF ADDITIONAL DESIGN WORK DUE TO ERRORS OR OMISSIONS IN CONSTRUCTION SHALL BE INCURRED BY THE CONTRACTOR.
- DETAILS ON THE STRUCTURAL DRAWINGS ARE TYPICAL. VERIFY ALL DIMENSIONS WITH THE DESIGNER'S DRAWINGS. NO STRUCTURAL CHANGES FROM THE APPROVED PLANS SHALL BE MADE IN THE FIELD, UNLESS PRIOR TO MAKING CHANGES, WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER. IF CHANGES ARE MADE WITHOUT APPROVAL, SUCH CHANGES SHALL BE THE LEGAL AND FINANCIAL RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR INVOLVED AND IT SHALL BE THEIR RESPONSIBILITY TO REPLACE OR REPAIR PER ENGINEER.
- LEGAL DESCRIPTION OF LOT AS FOLLOWS:
LOT 1 & 2, MEADOWLARK LOT SPLIT, ACCORDING TO BOOK 1421 OF MAPS, PAGE 39, RECORDS OF MARICOPA COUNTY, ARIZONA

FIRE SPRINKLERS

- PROVIDE AUTOMATIC FIRE SPRINKLER SYSTEM PER 2015 IFC SEC. 903
- A 1" WATER METER IS ADEQUATE FOR THE RESIDENTIAL FIRE SPRINKLER SYSTEM.
- A "CONCEALED" FIRE SPRINKLER TO BE SPECIFIED, VERIFY WITH OWNER.
- DEFERRED SUBMITTAL.

REQUIRED RESIDENTIAL NOTES

- ALL PRODUCTS LISTED BY I.C.N.E.R. NUMBER(S) SHALL BE INSTALLED PER THE REPORT AND MANUFACTURER'S WRITTEN INSTRUCTIONS. PRODUCTS SUBSTITUTIONS FOR PRODUCT(S) LISTED SHALL ALSO HAVE AN ICC APPROVED EVALUATION REPORT(S) OR BE APPROVED.
- EXTERIOR WALL, BOTH SHALL BE PRESSURE TREATED OR EQUAL, AND SHALL BEAR/EXTEND MINIMUM 6" ABOVE FINISH GRADE. (2015 IRC SEC. R317.1)
- MISCELLANEOUS SITE STRUCTURES, POOLS, SPAS, FENCES, SITE WALLS, RETAINING WALLS, AND GAS STORAGE TANKS REQUIRE PERMITS.
- ALL EXITS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.
- DOORS LEADING INTO HOUSE FROM GARAGE SHALL BE SELF-CLOSING, SELF-LATCHING. (2015 IRC R302.5.1)
- EXTERIOR WALL PENETRATIONS BY PIPES, DUCTS OR CONDUITS SHALL BE CALLED. (2015 IRC R302.4.1)
- PROVIDE ROOF ATTIC VENTILATION UNLESS INSULATION IS APPLIED DIRECTLY TO UNDERSIDE OF ROOF SHEATHING FOR CONDITIONED AREAS ONLY.
- ENERGY CONSERVATION REQUIREMENTS: CEILING/ATTIC R-VALUE = R-38 (MIN.), FRAME WALL R-VALUE = R-19 (MIN.), MASONRY WALL R-VALUE = R-4 (MIN.), WINDOW U-VALUE = 0.40 (MAX.), SOLAR HEAT GAIN COEFFICIENT = 0.25 (MAX.), SUPPLY AND RETURN AIR DUCT INSULATION VALUE OF R-8 (MIN.)
- LIEMER SHALL BEAR AN APPROVED GRADING STRIP PERMITS.
- PROVIDE ENGINEERED TRUSS DESIGNS FOR ALL PREFABRICATED TRUSSES FOR REVIEW AND APPROVAL BY THE TOWN OF PARADISE VALLEY
- FIRE BLOCKING SHALL COMPLY WITH (2015 IRC R302.11)
- WINDOWS LOCATED MORE THAN 72" ABOVE FINISHED GRADE SHALL HAVE THE LOWEST PART OF CLEAR OPENING OF THE WINDOW TO BE MINIMUM 24 INCHES ABOVE THE FLOOR IN WHICH IT SERVES (R613.2)
- GYPNUM BOARD APPLIED TO A CEILING SHALL BE 1/2" WHEN FRAMING MEMBERS ARE 16" O.C. OR 5/8" WHEN FRAMING MEMBERS 24" O.C. OR USE LABELED 1/2" SAG-RESISTANT GYPNUM CEILING BOARD. TABLE R702.3.5 (d)
- SHOWERS AND TUB-SHOWER COMBINATIONS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THERMOSTATIC MIXING VALVE TYPE (P2708.3)
- SHOWER AREA WALLS SHALL BE FINISHED WITH A SMOOTH, HARD NON-ABSORBENT SURFACE, SUCH AS CERAMIC TILE, TO A HEIGHT OF NOT LESS THAN 72 INCHES ABOVE THE DRAIN INLET. WATER-RESISTANT GYPNUM BOARD SHALL NOT BE INSTALLED OVER A VAPOR RETARDER IN A SHOWER OR TUB COMPARTMENT. CEMENT, FIBER-CEMENT OR GLASS MAT GYPNUM BACKERS INSTALLED WITH MANUFACTURER'S RECOMMENDATIONS SHALL BE USED AS BACKERS FOR WALL TILE IN TUB AND SHOWER AREAS AND WALL PANELS IN SHOWER AREAS (R702.3.4)
- PLUMBING FIXTURES SHALL COMPLY WITH THE FOLLOWING CONSERVATION REQUIREMENTS: TABLE P2903.2 WATER CLOSETS - TANK TYPE 1.6 GAL/FLUSH; SHOWER HEAD - 2.5 GAL/MINUTE; FAUCETS - 2.2 GAL/MINUTE PROVIDE AERATOR.
- WATER TREATMENT SYSTEMS - SHALL BE EQUIPPED WITH AND AUTOMATIC SHUTOFF TO PREVENT CONTINUOUS FLOW WHEN NOT IN USE
- DOMESTIC DISH WASHING MACHINES CONNECTED TO A DISPOSER SHALL HAVE THE DISCHARGE INSTALLED AS HIGH AS POSSIBLE (P2717.3)
- HOT WATER RECIRCULATION PUMPS, PROVIDE A HOT WATER DEMAND CONTROLLED RECIRCULATION PUMP FOR WATER HEATERS LOCATED MORE THAN 20 FEET FROM FURTHEST FIXTURE SERVED. A MANUAL CONTROL OR OCCUPANT SENSOR SWITCH SHALL OPERATE THE PUMP WITH AN AUTOMATIC TEMPERATURE SENSOR SHUT-OFF (M205.5 AMENDED)
- SUPPLY AND RETURN DUCTS SHALL BE INSULATED TO A MINIMUM R-6. DUCTS IN FLOOR TRUSSES SHALL BE INSULATED TO A MINIMUM R-6 (N1103.2.1)
- NO OTHERS, DIFFUSERS, DIFFUSERS AND GRILLES SHALL BE MECHANICALLY FASTENED TO RIGID SUPPORTS OR STRUCTURAL MEMBERS ON AT LEAST TWO OPPOSITE SIDES IN ADDITION TO BEING CONNECTED TO THE DUCTWORK THEY SERVE.
- THE CLOTHES DRYER SHALL BE PROVIDED WITH A 4-INCH DIAMETER EXHAUST DUCT TO THE EXTERIOR AND SHALL NOT EXCEED A TOTAL LENGTH OF 35 FEET, UNLESS AN ENGINEERED DUCT SYSTEM IS PROVIDED (M1501.3)
- EXHAUST AIR FROM KITCHENS, BATHROOMS AND TOILET ROOMS SHALL NOT BE RE-CIRCULATED WITHIN A RESIDENCE OR TO ANOTHER DWELLING UNIT AND SHALL BE EXHAUSTED DIRECTLY TO THE OUTDOORS. EXHAUST AIR FROM KITCHENS, BATHROOMS AND TOILET ROOMS SHALL NOT DISCHARGE INTO AN ATTIC, CRAWL SPACE OR OTHER AREAS INSIDE THE BUILDING. (M1506.2)
- PROVIDE IC-RATED RECESSED LIGHT FIXTURES INSTALLED IN INSULATED CEILINGS (N1102.4.3)
- FIXTURES LOCATED IN DAMP OR WET LOCATIONS SHALL BE "LISTED" TO BE SUITABLE FOR SUCH LOCATION. (E3903.3)
- PROVIDE GFCI PROTECTION FOR RECEPTACLES WITHIN 6' OF ALL LAVATORIES, SINKS AND BASINS. (E3802.7)
- PROVIDE GFCI PROTECTED RECEPTACLES AT AL EXTERIOR, BATHROOM AND GARAGE LOCATIONS. (E3801.6)
- PROVIDE A WALL MOUNTED GFCI PROTECTED RECEPTACLE OUTLET WITHIN 36" OF A BATHROOM OR POWDER ROOM LAVATORY (E3801.6)
- ALL 120-VOLT BRANCH CIRCUITS IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUN ROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS AND SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A COMBINATION TYPE AFCI (E3802.1.1)
- RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FEET, MEASURED HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLUDING ANY WALL SPACE BETWEEN TWO OR MORE IN WIDTH (E3802.1)
- PROVIDE A MINIMUM OF TWO 20-AMP SMALL APPLIANCE BRANCH CIRCUITS FOR THE KITCHEN/DINING/BREAKFAST. (E3803.3)
- THE TWO OR MORE 20-AMPERE SMALL APPLIANCE BRANCH CIRCUITS SHALL HAVE NO OTHER OUTLETS, EXCEPT THE RECEPTACLE INSTALLED SOLELY FOR ELECTRIC SUPPLY TO AN ELECTRICAL CLOCK IN THE KITCHEN/DINING/BREAKFAST AREAS OR RECEPTACLES FOR SUPPLEMENTAL EQUIPMENT AND LIGHTING (OR GAS-FIRED RANGES, OVENS OR COUNTER MOUNTED UNITS). (E3803.2)
- RECEPTACLE OUTLETS FOR RANGES AND CLOTHES DRYERS SHALL BE 3-POLE WITH GROUND TYPE, FOUR-WIRE, GROUNDING-TYPE FLEXIBLE CORDS WILL BE REQUIRED FOR CONNECTION OF RANGES AND CLOTHES DRYERS. THE BONDING JUMPER SHALL NOT BE CONNECTED BETWEEN THE NEUTRAL TERMINAL AND THE FRAME OF THE APPLIANCE. FLEXIBLE CORDS SHALL BE USED ONLY WHERE THE FLEXIBLE CORD SUPPLYING AN APPLIANCE SHALL TERMINATE IN A GROUNDING-TYPE ATTACHMENT PLUG. (E4001.3)
- PROVIDE A CONCRETE ENCASED GROUNDING ELECTRODE OF NOT LESS THAN 20 FEET OF #4 BARE COPPER (200 AMPERE SERVICE) (E3508.1, 2)
- PROVIDE BONDING TO THE WATER PIPING, GAS AND METAL BUILDING SYSTEMS. (MINIMUM #4 FOR 200-AMP SERVICE) (E3505.1)
- ALL METAL PIPING SYSTEMS, METAL PARTS OF ELECTRICAL EQUIPMENT, AND PUMP MOTORS ASSOCIATED WITH THE HYDRO MASSAGE TUB SHALL BE BONDED TOGETHER USING A CUMMER BONDING JUMPER. INSULATED COVERED OR BARE, NOT SMALLER THAN NO. 8 SOFT METAL PARTS OF LISTED EQUIPMENT INCORPORATING AN APPROVED SYSTEM OF DOUBLE INSULATION AND PROVIDING A MEANS FOR GROUNDING INTERNAL, NON-ACCESSIBLE, NON-CURRENT-CARRYING METAL PARTS SHALL NOT BE BONDED (E4104.2, 4)
- R607.2.1 MASONRY BED AND HEAD JOINTS, SHALL BE 3/8" THICK, THE THICKNESS OF THE BED JOINT TO THE STARTING COURSE PLACED OVER FOUNDATIONS SHALL NOT BE LESS THAN 1/4" INCH AND NOT MORE THAN 3/4 INCH. MORTAR JOINT THICKNESS SHALL BE WITHIN THE FOLLOWING TOLERANCES FROM THE SPECIFIED DIMENSIONS:
 - BED JOINT - 1/8 INCH
 - HEAD JOINT - 1/4 INCH + 3/8 INCH
 - COLLAR JOINTS - 1/4 INCH + 3/8 INCH
- PROVIDE COMBUSTION AIR TO ALL FIREPLACES IN ALL LOCATIONS WITH AIR INTAKE LOCATED AT AN ELEVATION NO HIGHER THAN THE FIREBOX. (R1006.1)

PERSPECTIVE VIEW



*RENDERING REPRESENTS AN ARCHITECTURAL CONCEPT AND IS INTENDED AS AN ILLUSTRATIVE EXAMPLE ONLY. FINAL DESIGN, CONSTRUCTION AND MATERIALS, INCLUDING LANDSCAPE, MAY VARY.

SQUARE FOOTAGES

TOTAL SQUARE FOOTAGES	
LOWER LEVEL LIVABLE	1274 SF
CASITA LIVABLE	707 SF
MAIN FLOOR LIVABLE	7229 SF
UPPER FLOOR LIVABLE	239 SF
OFFICE LIVABLE	679 SF
	10127 SF
GARAGE/MECH	2827 SF
GARAGE/MECH	422 SF
GARAGE/MECH	177 SF
GARAGE/MECH	3035 SF
GARAGE/MECH	22 SF
GARAGE/MECH	64 SF
GARAGE/MECH	25 SF
	6571 SF
LOWER LEVEL COVERED PATIO	1089 SF
MAIN FLOOR COVERED PATIO 2	2128 SF
MAIN FLOOR COVERED PATIO 1	1078 SF
MAIN FLOOR COVERED PATIO 3	1608 SF
MAIN FLOOR OVERHANG	173 SF
MAIN FLOOR COVERED PATIO 4	614 SF
UPPER FLOOR COVERED PATIO	188 SF
UPPER FLOOR OVERHANG 1	126 SF
OFFICE COVERED PATIO	412 SF
OFFICE COVERED ENTRY	62 SF
OFFICE OVERHANG	142 SF
UPPER FLOOR OVERHANG 2	291 SF
	8518 SF
CANTILEVER 1	29 SF
CANTILEVER 2	234 SF
CANTILEVER 4	67 SF
CANTILEVER 3	239 SF
	570 SF
TOTAL	25786 SF

F.A.R. SQUARE FOOTAGES

LOWER LEVEL LIVABLE	1274 SF
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MAIN FLOOR LIVABLE	7229 SF
UPPER FLOOR LIVABLE	239 SF
OFFICE LIVABLE	679 SF
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GARAGE/MECH	2827 SF
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GARAGE/MECH	3035 SF
GARAGE/MECH	22 SF
GARAGE/MECH	64 SF
GARAGE/MECH	25 SF
	6571 SF
LOWER LEVEL COVERED PATIO	1089 SF
MAIN FLOOR COVERED PATIO 1	1078 SF
MAIN FLOOR COVERED PATIO 3	1608 SF
MAIN FLOOR OVERHANG	173 SF
UPPER FLOOR COVERED PATIO	188 SF
UPPER FLOOR OVERHANG 1	126 SF
OFFICE COVERED PATIO	412 SF
OFFICE COVERED ENTRY	62 SF
OFFICE OVERHANG	142 SF
	5405 SF
CANTILEVER 1	29 SF
CANTILEVER 2	234 SF
CANTILEVER 4	67 SF
CANTILEVER 3	239 SF
	570 SF
F.A.R. SQUARE FOOTAGE	22733 SF

F.A.R. CALCULATIONS

DISTURBANCE AREA	40,669 SQFT
NET LOT AREA	166,907 SQFT
	84.186 SQFT (LOT 1) + 82,721 SQFT (LOT 2)
PROPOSED LOT COVERAGE	22,733 SQFT
ALLOWABLE F.A.R.	25%
TOTAL F.A.R.	13.63%

DISTURBED AREA CALCULATIONS

AREA OF LOTS (LOT 1 & 2):	LOT 1: 1.93 ACRES = 84,186 SF LOT 2: 1.9 ACRES = 82,721 SF TOTAL: 3.83 ACRES = 166,907 SQFT
AREA UNDER ROOF:	22,733 SF
FLOOR AREA NATIO:	13.63%
ALLOWABLE DISTURBED AREA:	51.7% = 43,524 SF
EXISTING DISTURBED AREA:	61.7% = 51,980 SF
GROSS DISTURBED AREA:	58,012
SUBTRACT BUILDING FOOTPRINT:	-10,294
SUBTRACT RESTORED AREAS:	-7,649
EQUALS NET PROPOSED DISTURBED AREA:	40.3% = 40,669 SF
VOLUME OF CUT:	5,761 C.Y.
VOLUME OF FILL:	1,207 C.Y.

SHEET INDEX

DRB100 SITE PLAN - GEOTECH
DRB200 COVER SHEET
DRB201 SITE PLAN
DRB202 HILLSIDE FLOOR PLANS
DRB203 HILLSIDE FLOOR PLANS
DRB204 HILLSIDE ELEVATIONS
DRB205 3D MASSING
DRB206 SITE CONTEXT
DRB207 CANTILEVER EXHIBIT

DW

DREWETT WORKS // ARCHITECTURE

7144 E. STETSON DR., SUITE 204

SCOTTSDALE, AZ 85251

P 855-373-9388 // F 855-373-9388

PLANS @ DREWETTWORKS.COM

OWNER

HUMMINGBIRD AZ, LLC
C/O KIERMAN LAW
ATTN: ALAN L. KIERMAN
14362 N FRANK LLOYD WRIGHT BLVD
SUITE 1000
SCOTTSDALE, AZ 85260

DESIGN

DREWETT WORKS
C.P. DREWETT
7144 E STETSON DR, SUITE 204
SCOTTSDALE, AZ 85251
PHONE: (855) 373-9388

CONSULTANTS

STRUCTURAL ENGINEER

PH STRUCTURAL
DOMINIC PETROCELLI
2812N NORWALK, SUITE 114
MESA, AZ 85215
PHONE: 480-854-3343

CIVIL ENGINEER

LAND DEVELOPMENT GROUP LLC
NICK PRODANOV
8808 N CENTRAL AVENUE, SUITE 288
PHOENIX, AZ 85020
PHONE: (602) 889-1984

MPE ENGINEER

LANDSCAPE ARCHITECT

INTERIOR DESIGNER

LIGHTING DESIGNER

CREATIVE DESIGNS IN LIGHTING
15862 N 78TH STREET, SUITE A
SCOTTSDALE, AZ 85260
P: 602-245-7822

GENERAL CONTRACTOR

ZONING

R-43

APN

174-52-002G

LEGAL ADDRESS

6519 E HUMMINGBIRD LN
PARADISE VALLEY 85253

NET SITE AREA

84,186 SQFT

FOR CONCEPTUAL HILLSIDE

DATE 9-2-2020

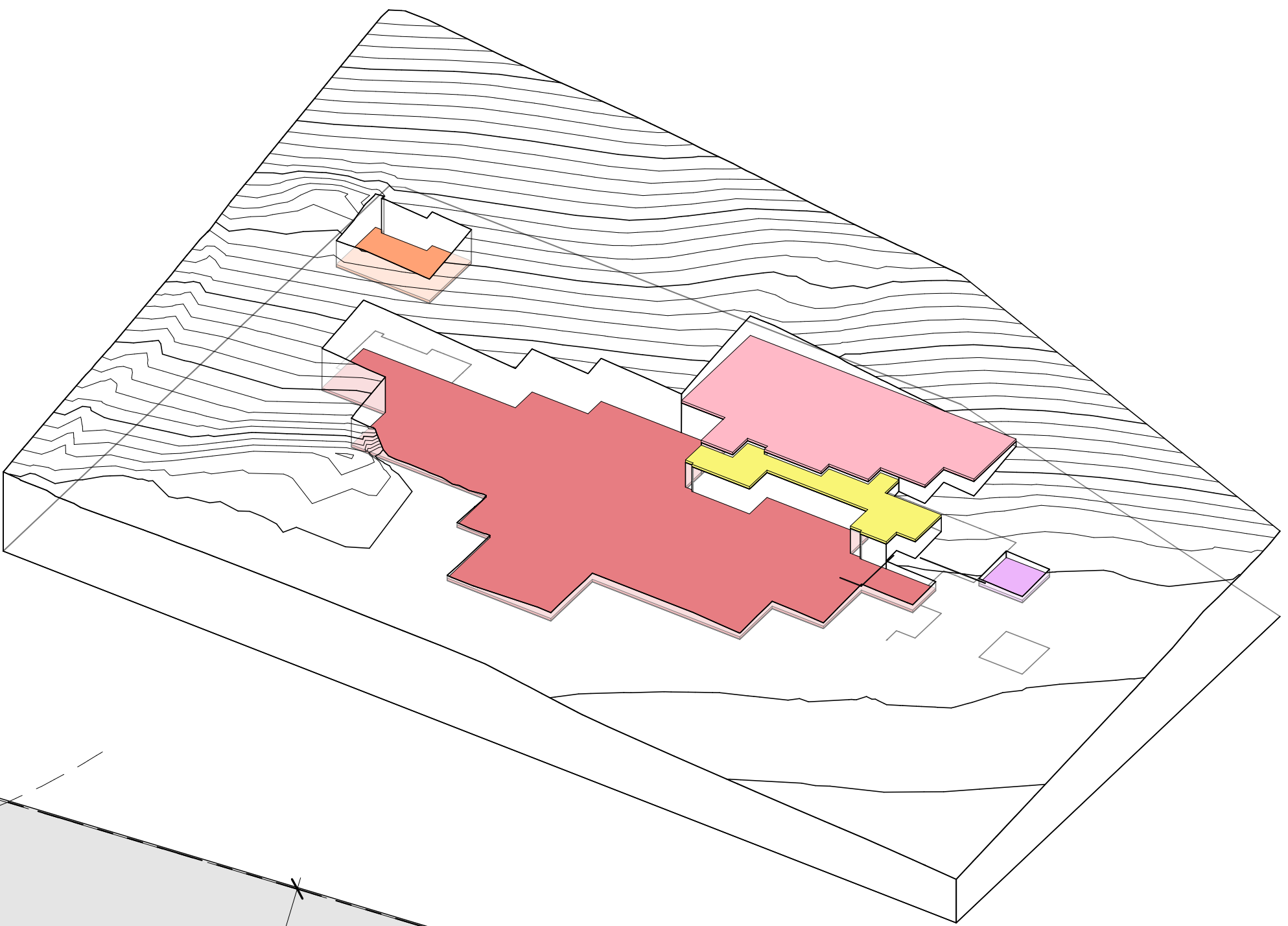
REV.

COVER SHEET

DRB200



[1] CUT/FILL DIAGRAM



[2] CONCEPTUAL SITE PLAN

3/32" = 1'-0"

FOR CONCEPTUAL HILLSIDE
DATE 9-2-2020
REV.



LOWER LEVEL LIVABLE	1274 SF
CANTILEVER	707 SF
MAIN FLOOR LIVABLE	7229 SF
UPPER FLOOR LIVABLE	239 SF
OFFICE LIVABLE	679 SF
TOTAL	10127 SF
GARAGE/MECH	2827 SF
GARAGE/MECH	422 SF
GARAGE/MECH	177 SF
GARAGE/MECH	3035 SF
GARAGE/MECH	20 SF
GARAGE/MECH	64 SF
GARAGE/MECH	25 SF
GARAGE/MECH	6571 SF
LOWER LEVEL COVERED PATIO	1698 SF
MAIN FLOOR COVERED PATIO 2	2128 SF
MAIN FLOOR COVERED PATIO 1	1078 SF
MAIN FLOOR COVERED PATIO 3	1608 SF
MAIN FLOOR OVERHANG	173 SF
MAIN FLOOR COVERED PATIO 4	614 SF
UPPER FLOOR COVERED PATIO	188 SF
UPPER FLOOR OVERHANG 1	126 SF
OFFICE COVERED PATIO	412 SF
OFFICE COVERED ENTRY	62 SF
OFFICE OVERHANG	142 SF
UPPER FLOOR OVERHANG 2	291 SF
CANTILEVER 1	8816 SF
CANTILEVER 2	29 SF
CANTILEVER 3	234 SF
CANTILEVER 4	67 SF
CANTILEVER 5	239 SF
TOTAL	570 SF
TOTAL	25786 SF

AREA OF LOTS (LOT 1 & 2):

AREA UNDER ROOF:

FLOOR AREA RATIO:

ALLOWABLE DISTURBED AREA:

EXISTING DISTURBED AREA:

GROSS DISTURBED AREA:

SUBTRACT BUILDING FOOTPRINT:

SUBTRACT RESTORED AREAS:

EQUALS NET PROPOSED DISTURBED AREA:

VOLUME OF CUT:

VOLUME OF FILL:

LOT 1: 1.93 ACRES = 84,186 SF

LOT 2: 1.9 ACRES = 82,721 SF

TOTAL: 3.83 ACRES = 166,907 SQFT

22,753 SF

13.63%

51.7% = 43,524 SF

61.7% = 51,980 SF

58,012

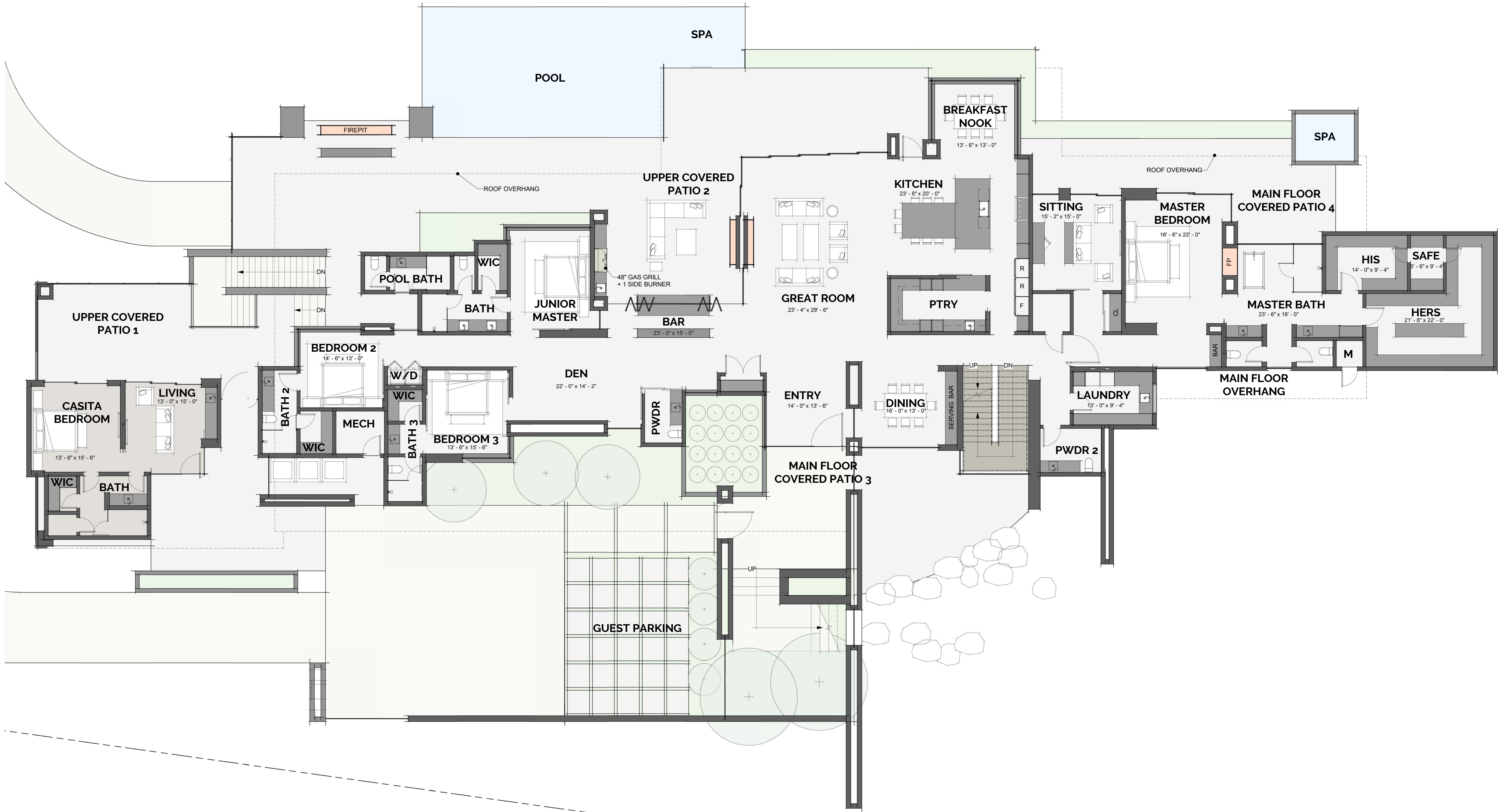
-10,284

-7,949

48.3% = 40,669 SF

5,761 C.Y.

1,207 C.Y.



HILLSIDE MAIN LEVEL
1/8" = 1'-0"

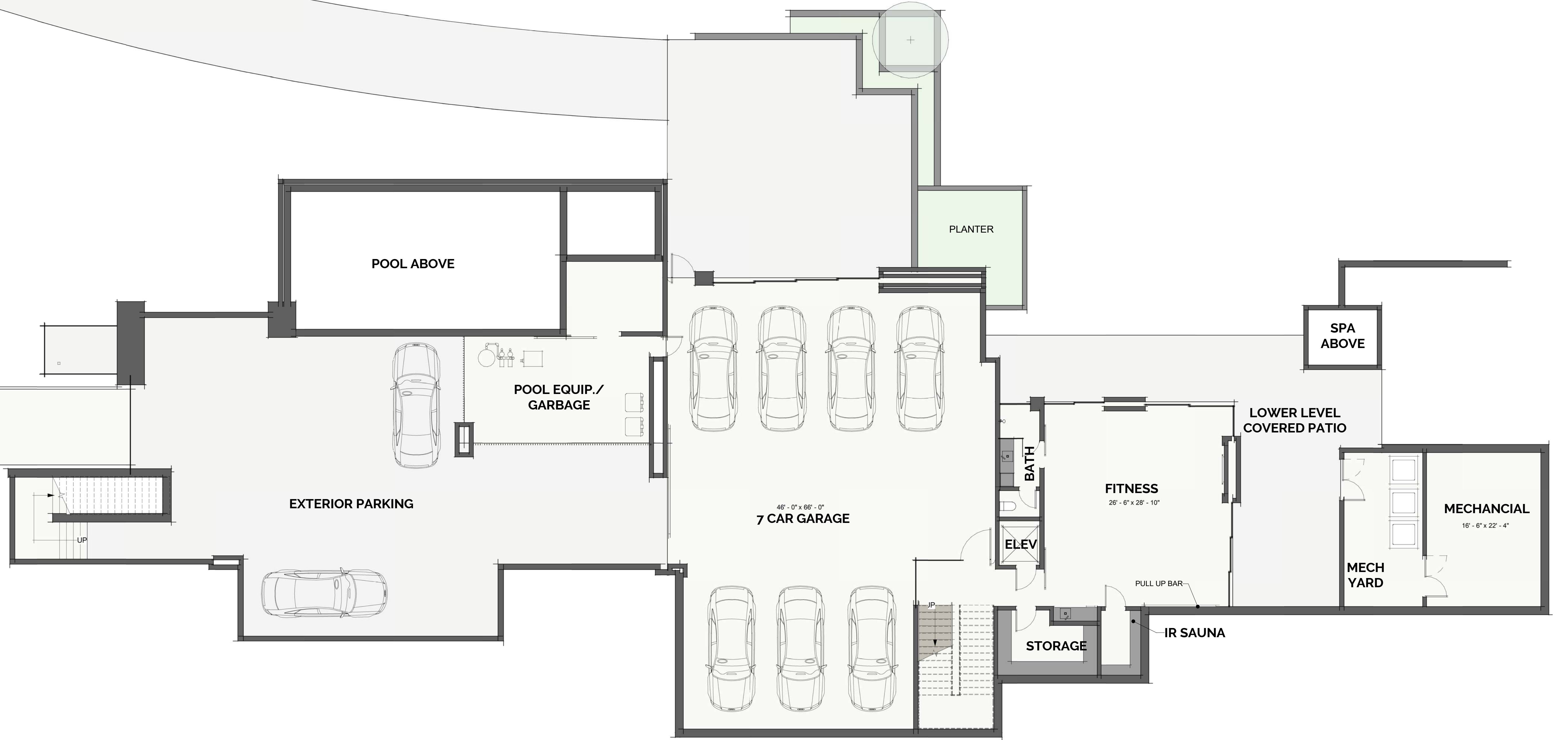
FOR	CONCEPTUAL HILLSIDE
DATE	9-2-2020
REV.	



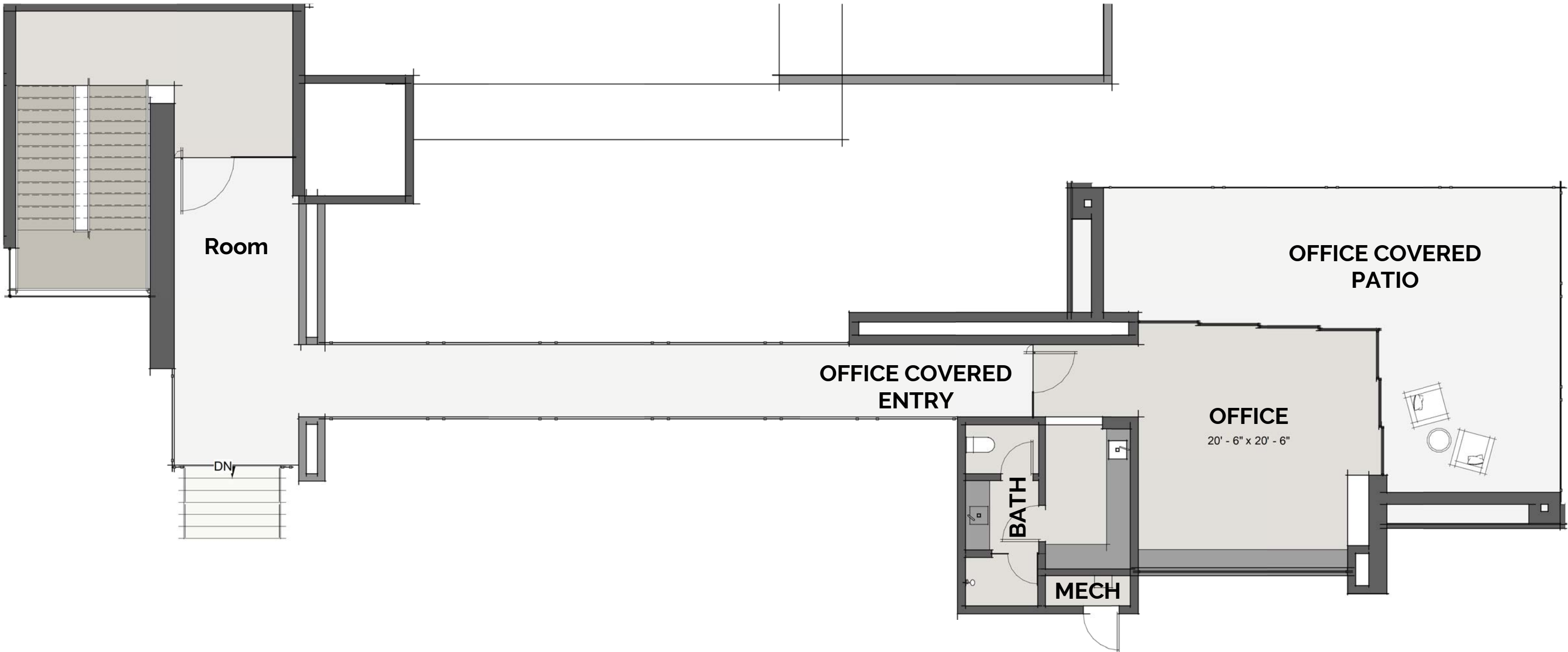


5530 E HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85355

RESIDENCE FOR HUMMINGBIRD AZ LLC



[K] HILLSIDE LOWER LEVEL
1/8" = 1'-0"



[K] HILLSIDE OFFICE LEVEL
1/8" = 1'-0"

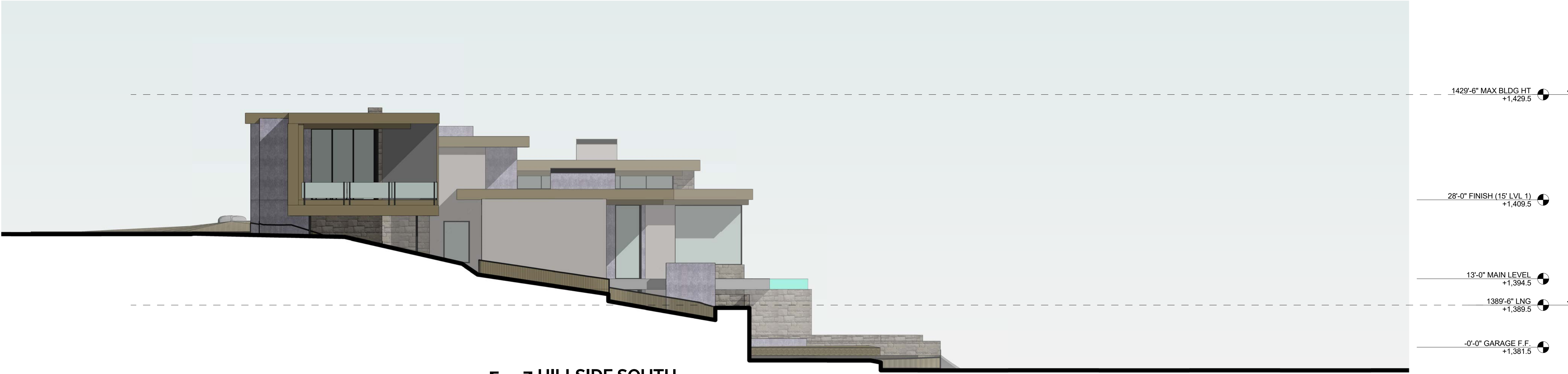
FOR	CONCEPTUAL HILLSIDE
DATE	9-2-2020
REV.	



[1] HILLSIDE EAST
3/32" = 1'-0"



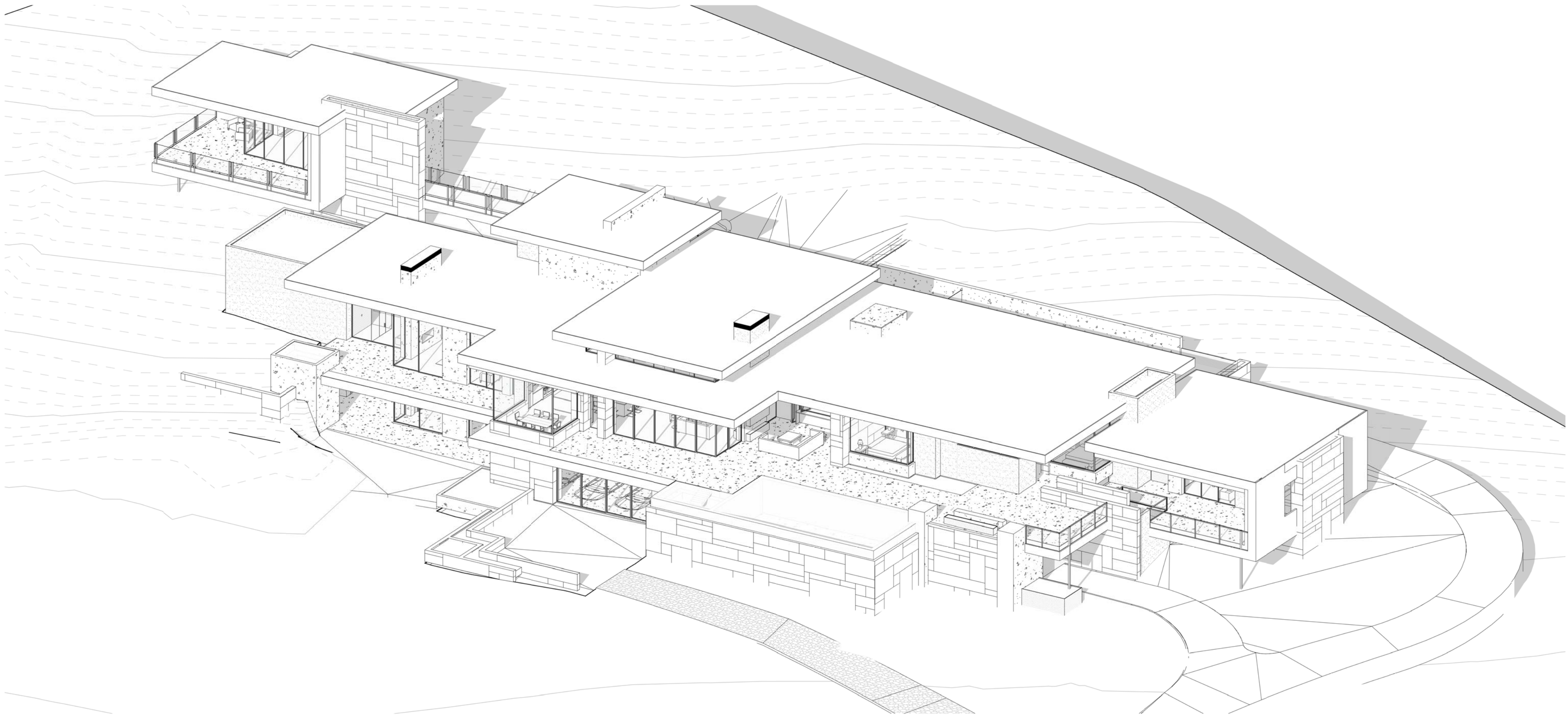
[2] HILLSIDE NORTH
3/32" = 1'-0"



[3] HILLSIDE SOUTH
3/32" = 1'-0"

MATERIAL LEGEND	
	STUCCO TO COMPLY WITH G1 COLOR TBD ESR #1807
	METAL FASCIA / ROLLED STEEL ESR #2046
	CAST IN PLACE CONCRETE EXPOSED
	GLASS
	TILE VENEER DC COBBLE

FOR	CONCEPTUAL HILLSIDE
DATE	9-2-2020
REV.	



[1] CONCEPTUAL AXONOMETRIC



DW

DREWETT WORKS // ARCHITECTURE

7144 E. STETSON DR., SUITE 204
SCOTTSDALE, AZ 85251
P 855-373-9388 // F 855-373-9388
PLANS @ DREWETTWORKS.COM



6535 E HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85355

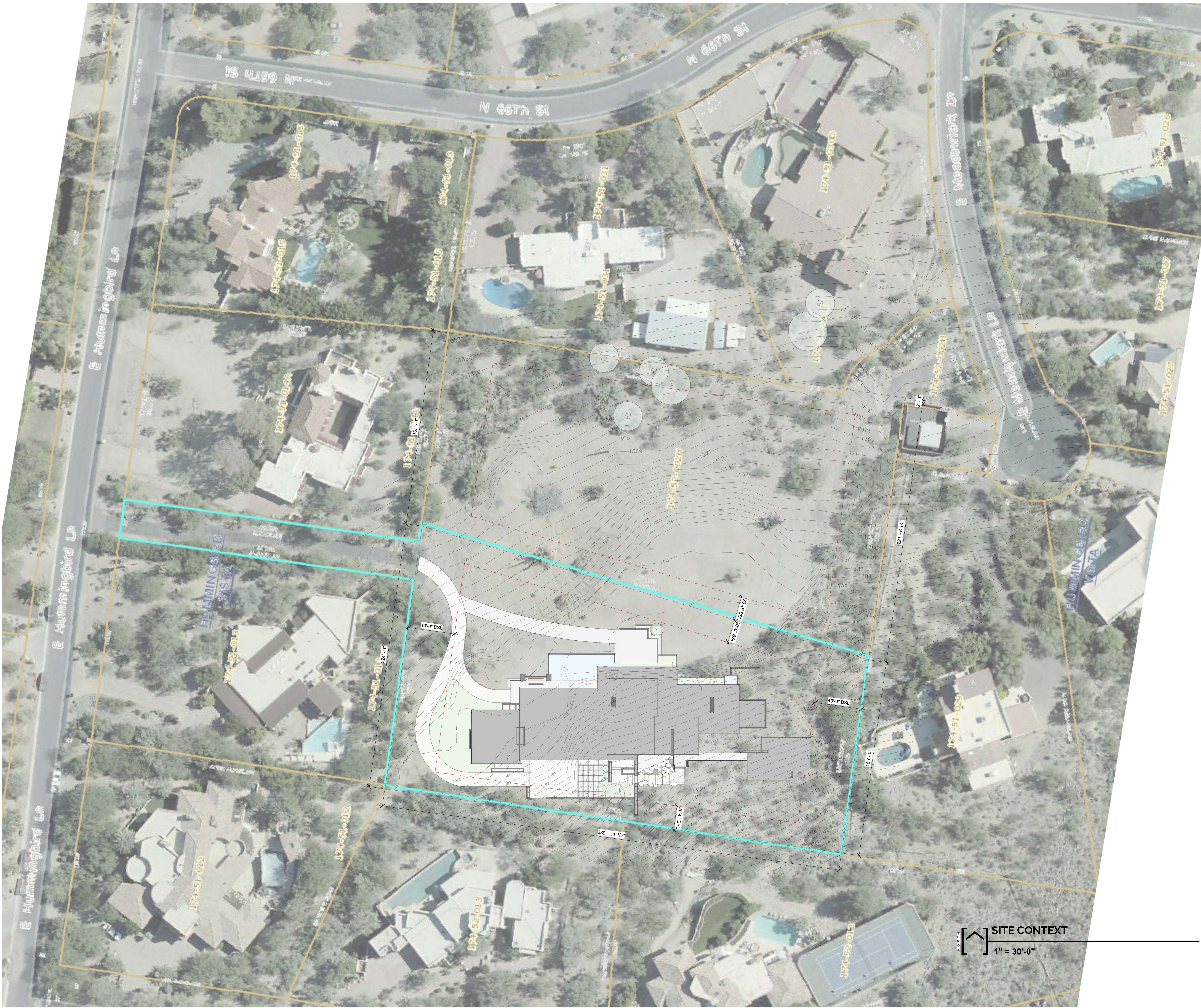
KEYNOTES

RESIDENCE FOR HUMMINGBIRD AZ LLC

FOR CONCEPTUAL HILLSIDE
DATE 9-2-2020
REV.

3D MASSING
DRB205
20-10





DREWETT WORKS // ARCHITECTURE

7144 E. STETSON DR., SUITE 204
SCOTTSDALE, AZ 85251
P 855-373-9388 // F 855-373-9388
PLANS @ DREWETTWORKS.COM

5535 E HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85355

KEYNOTES

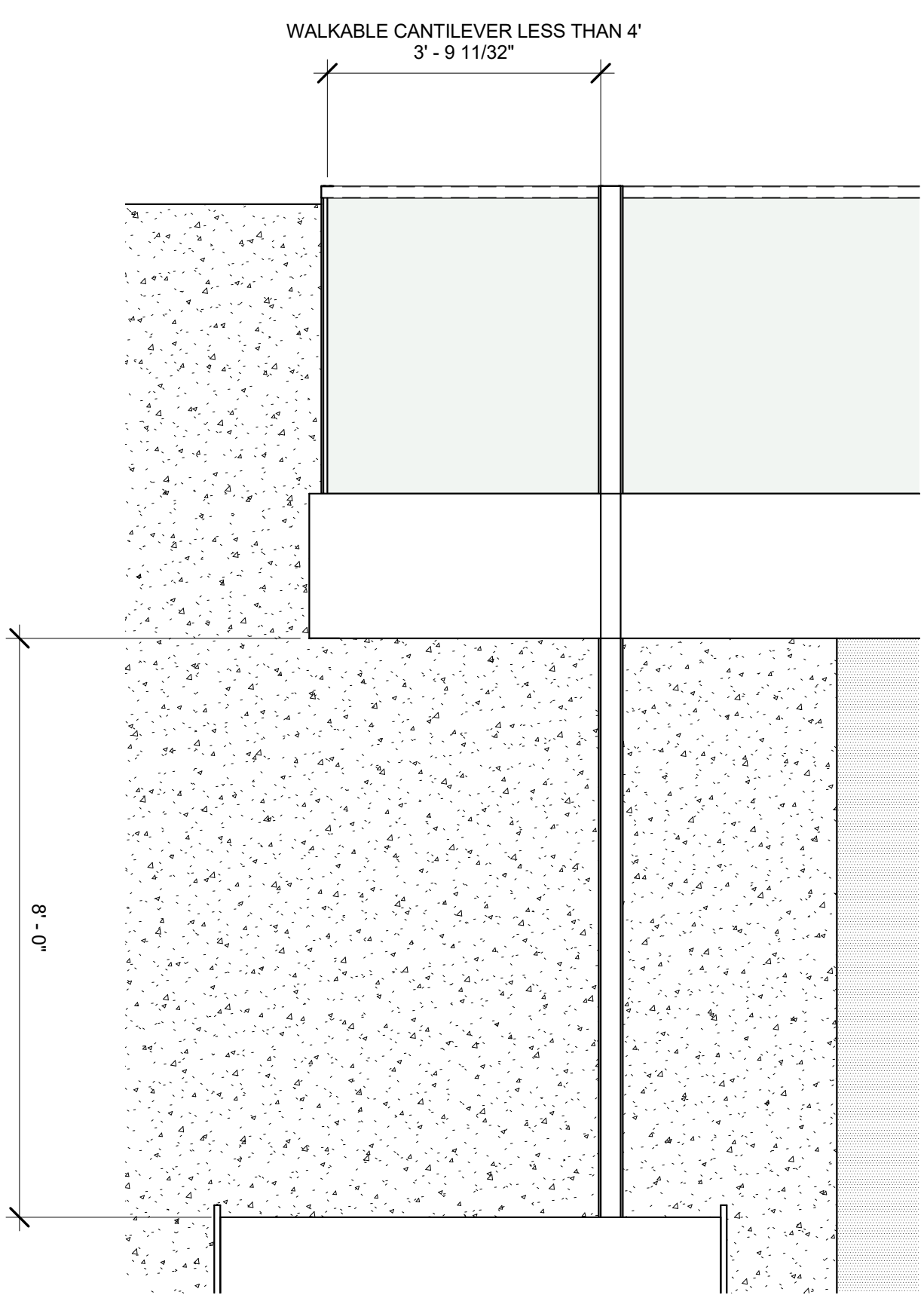
FOR	CONCEPTUAL HILLSIDE
DATE	9-2-2020
REV.	

RESIDENCE FOR HUMMINGBIRD AZ LLC

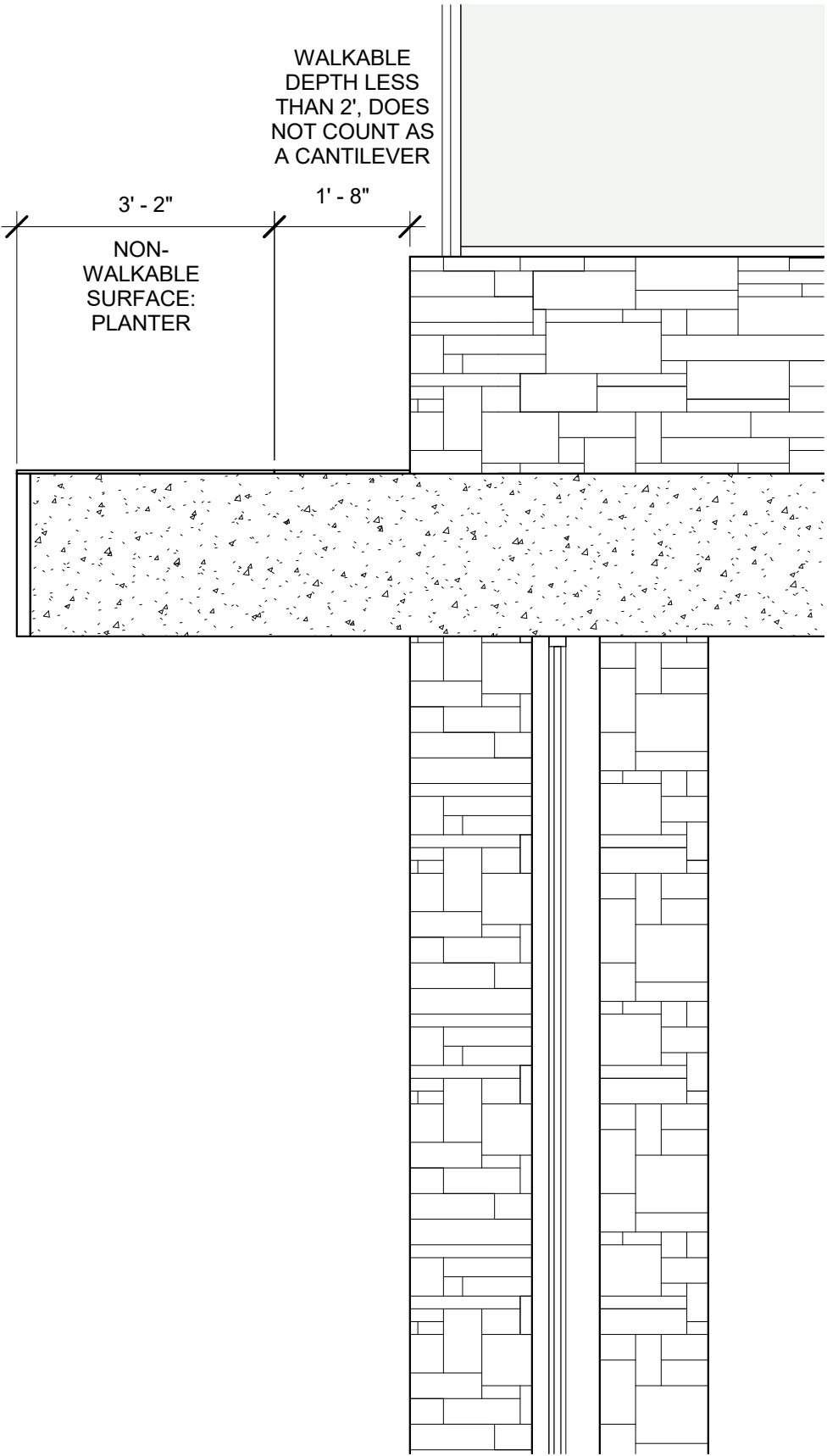
SITE CONTEXT



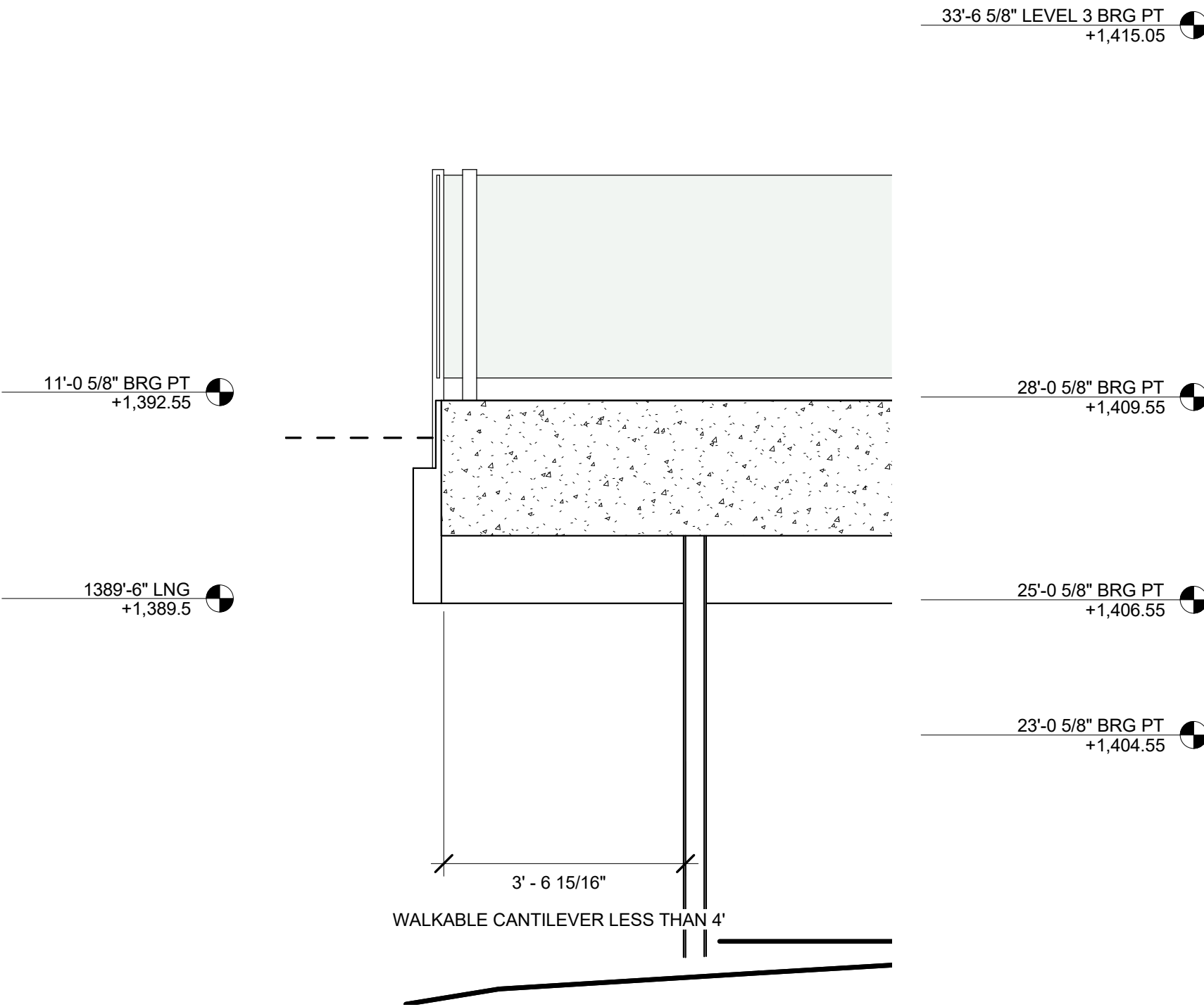
DRB206



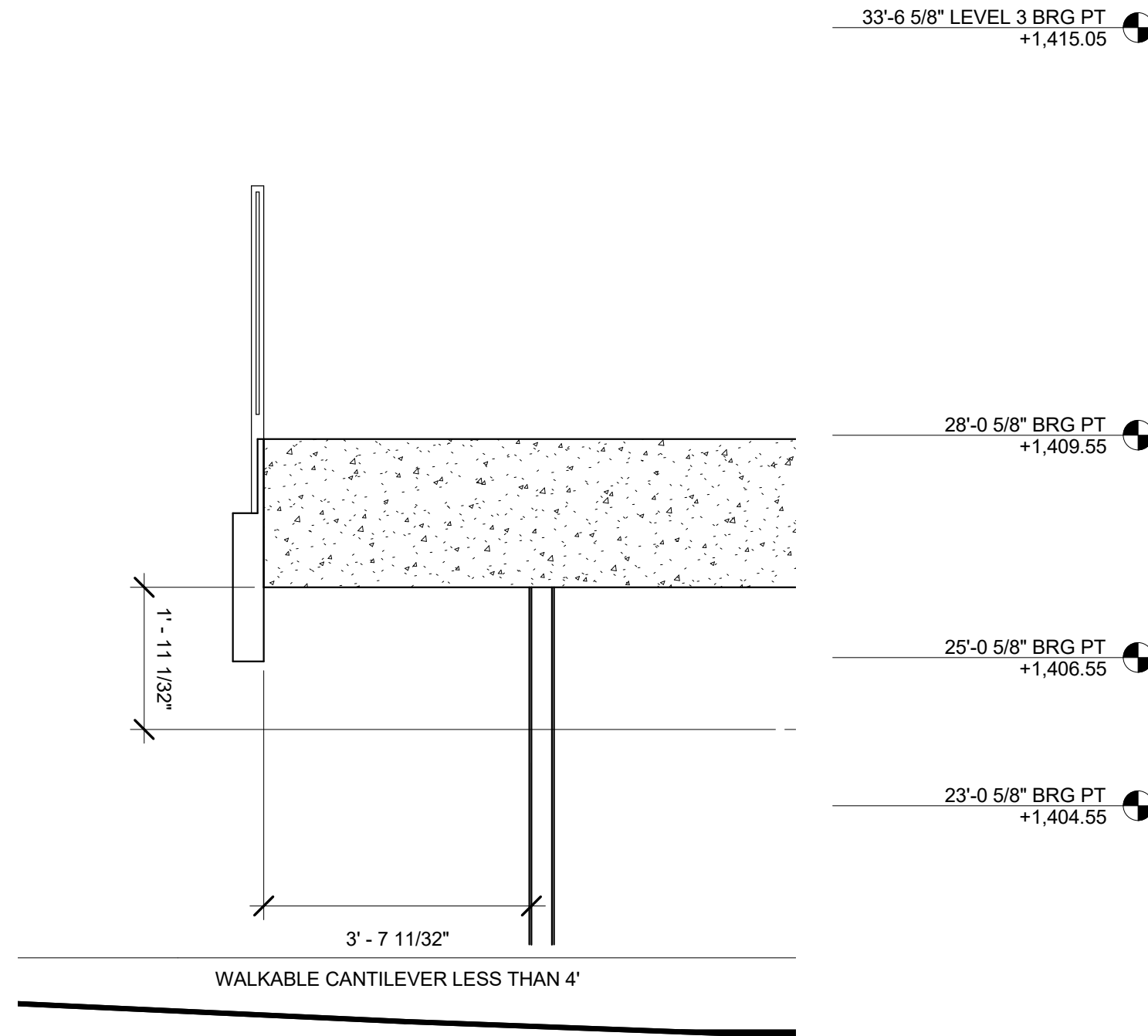
[1] CANTILEVER 1
1/2" = 1'-0"



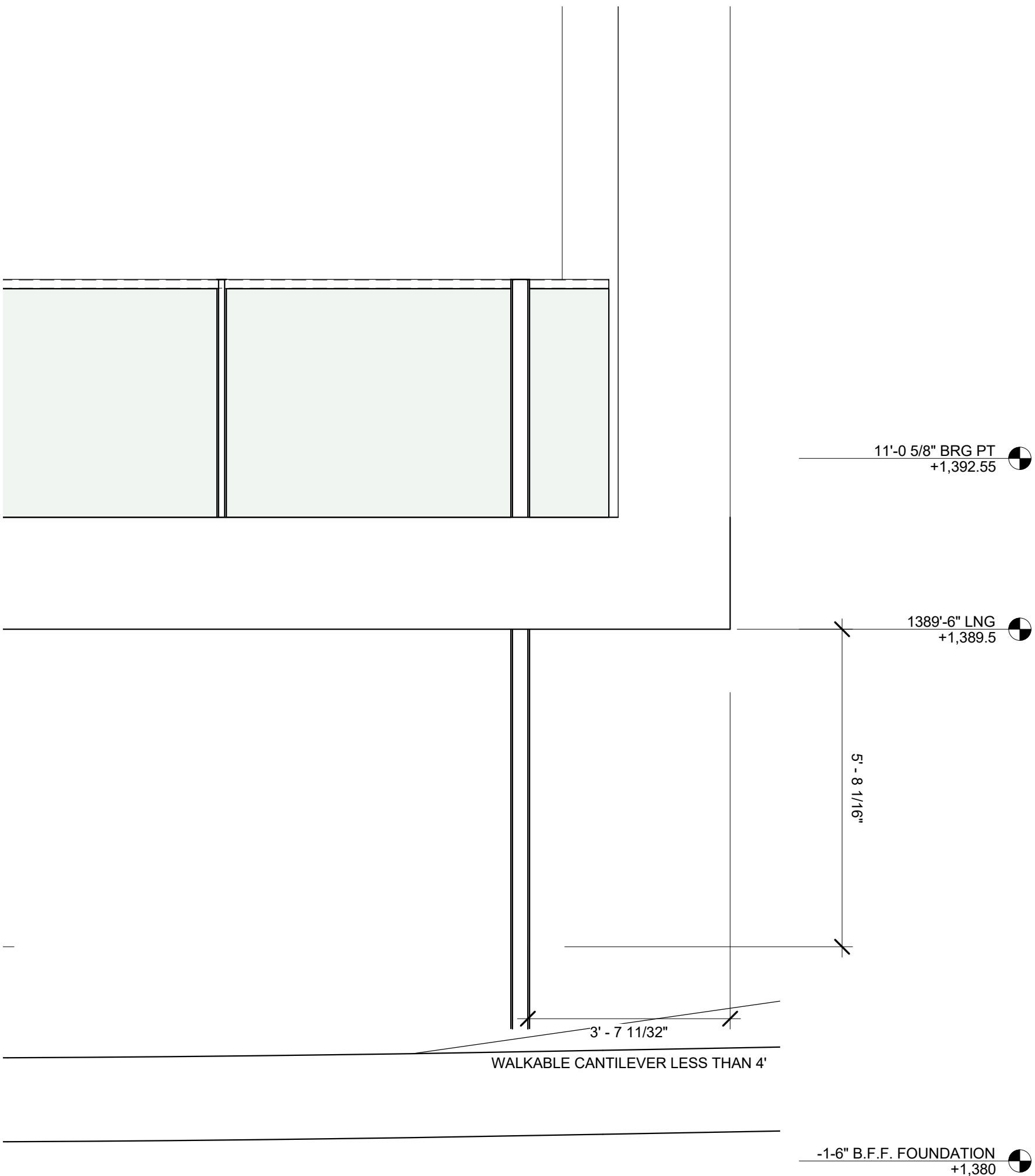
[2] CANTILEVER 2
1/2" = 1'-0"



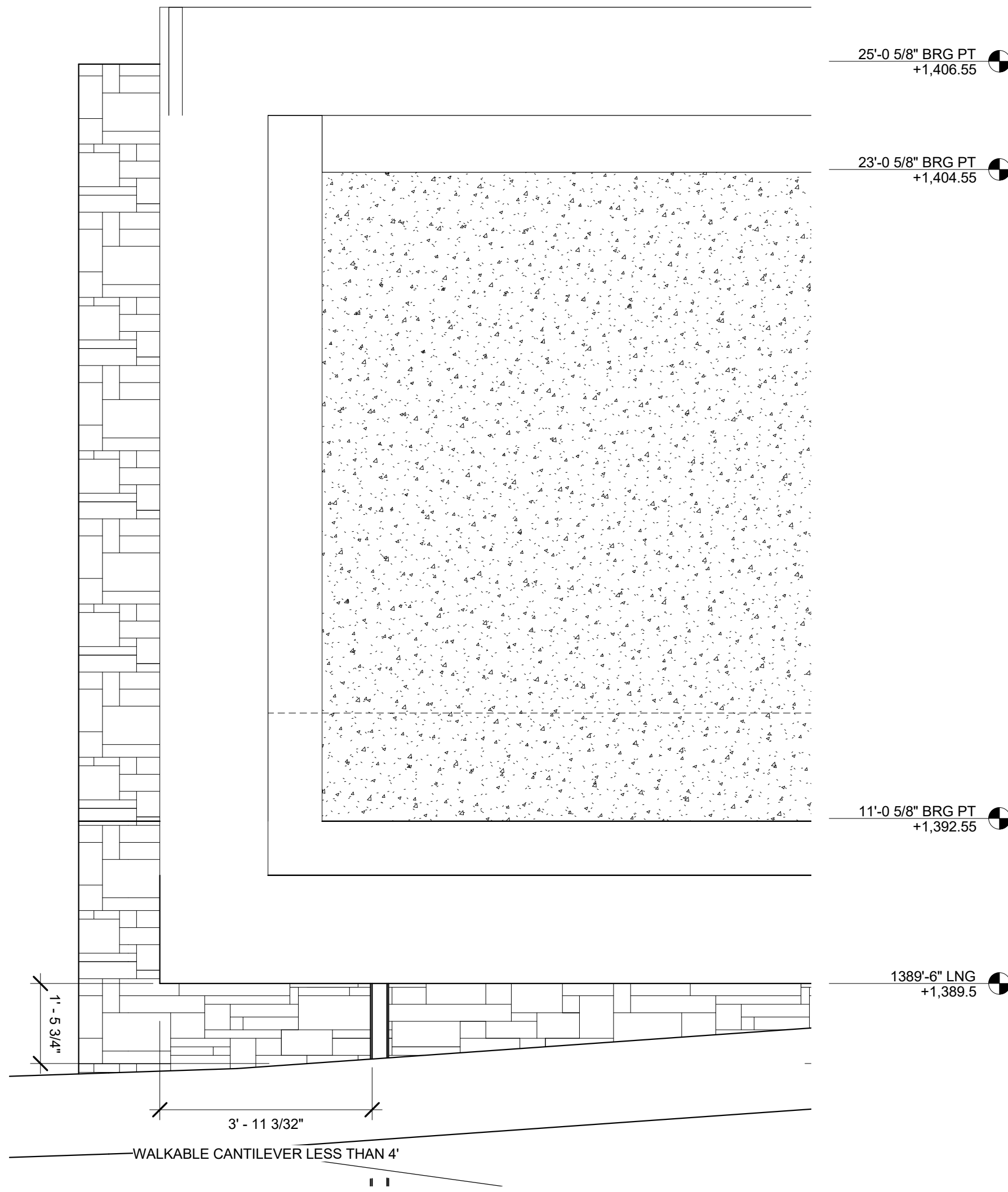
[3A] CANTILEVER 3A
1/2" = 1'-0"



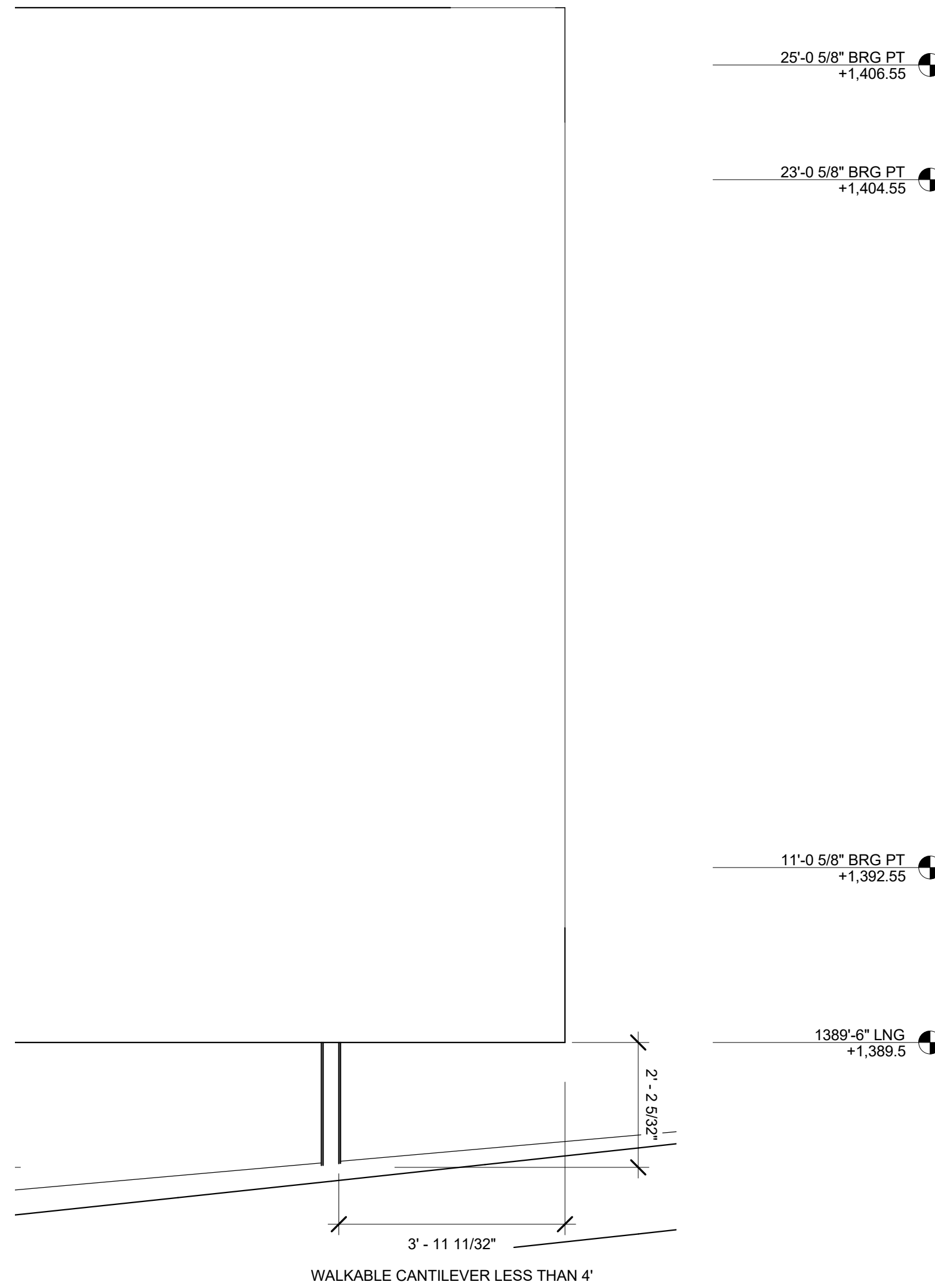
[3B] CANTILEVER 3B
1/2" = 1'-0"



[4] CANTILEVER 4
1/2" = 1'-0"



[5A] CANTILEVER 5A
1/2" = 1'-0"



[5B] CANTILEVER 5B
1/2" = 1'-0"



DREWETT WORKS // ARCHITECTURE

7144 E. STETSON DR., SUITE 204
SCOTTSDALE, AZ 85251
P 855-373-9388 // F 855-373-9388
PLANS @ DREWETTWORKS.COM



5545 HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85355

KEYNOTES

FOR CONCEPTUAL HILLSIDE
DATE 9-2-2020
REV.



CANTILEVER EXHIBIT

DRB207

RESIDENCE FOR HUMMINGBIRD AZ LLC

ALTA/NSPS LAND TITLE SURVEY

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 3,
TOWNSHIP 2 NORTH, RANGE 4 EAST, GILA AND SALT RIVER
BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

SCHEDULE B NOTES:

- 10

ALL MATTERS SET FORTH IN AGREEMENT AND MUTUAL GRANTS OF EASEMENTS AS RECORDED IN BOOK 85 OF MISCELLANEOUS, PAGE 189. NO PLOTTABLE EASEMENTS ON PROPERTY AND IS NOT PLOTTED HEREON.
- 11

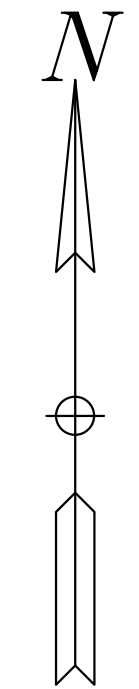
ALL MATTERS SER FORTH IN AGREEMENT AND MUTUAL GRANTS OF EASEMENTS RECORDED IN DOCKET 146, PAGE 141. IS PLOTTED HEREON.
- 12

EASEMENT AND RIGHTS INCIDENT THERETO, AS SET FORTH IN INSTRUMENT: RECORDED IN DOCKET 10094, PAGE 1500; PURPOSE: UNDERGROUND ELECTRIC LINES. IS PLOTTED HEREON.
- 13

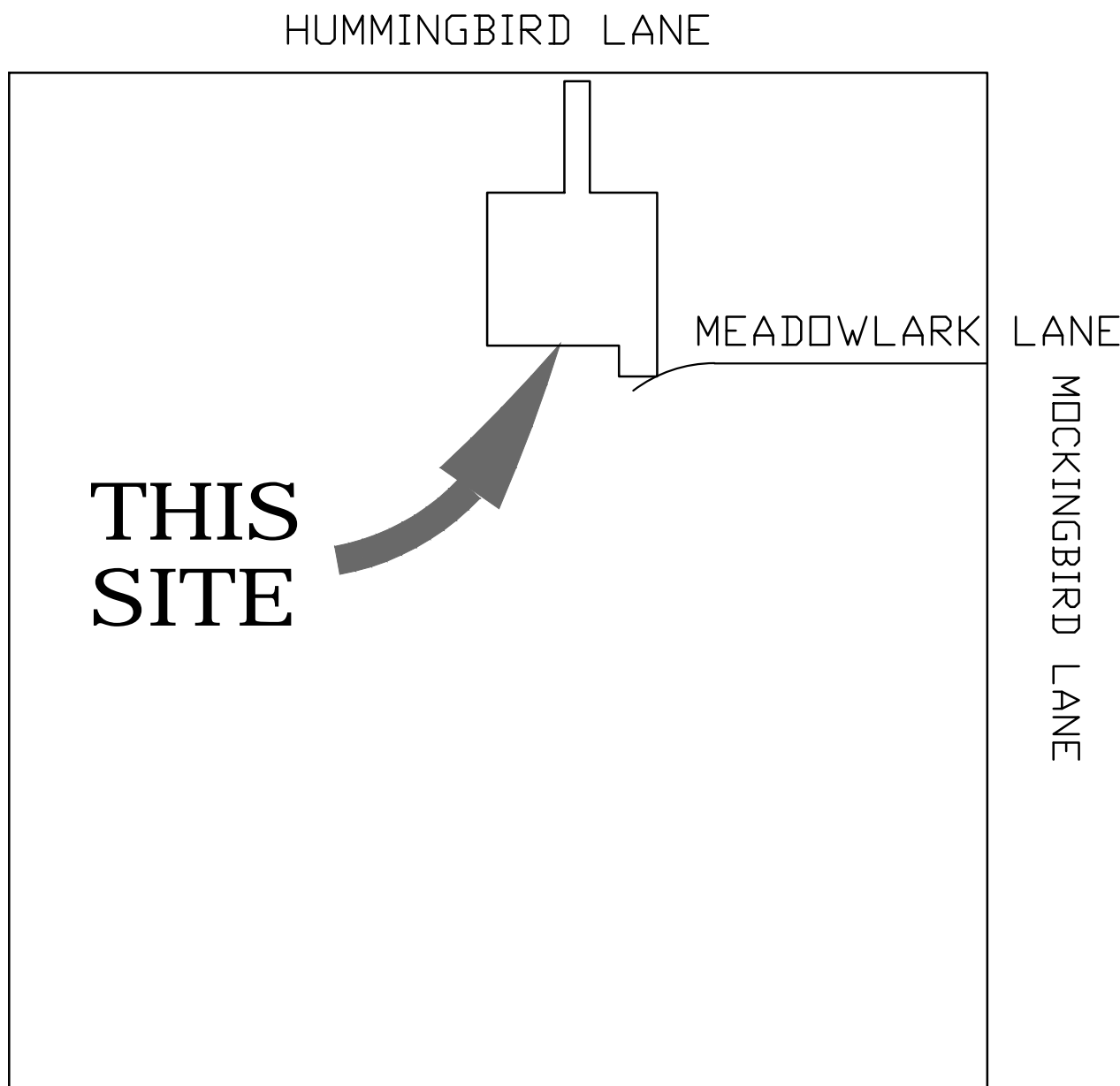
ALL MATTERS SET FORTH IN RESOLUTION NO. 523, RECORDED IN 1987-217524. NO PLOTTABLE EASEMENTS, IS NOT PLOTTED HEREON.
- 14

EASEMENTS AS SHOWN ON THE PLAT OF RECORD RECORDED IN BOOK 1421 OF MAPS, PAGE 39. IS PLOTTED HEREON.
- 15

EASEMENT AND RIGHTS INCIDENT THERETO AS SET FORTH IN INSTRUMENT: RECORDED IN DOCUMENT NO. 2018-823660; PURPOSE: DRAINAGE. IS PLOTTED HEREON.



NTS



LINCOLN DRIVE
VICINITY MAP
NTS

LEGAL DESCRIPTIONS

LOT 1 & 2, MEADOWLARK LOT SPLIT, ACCORDING TO BOOK 1421 OF MAPS, PAGE 39, RECORDS OF MARICOPA COUNTY, ARIZONA.

OWNER

CENTRAL STANFIELD SERVICE
COMPANY, LLC
8181 E MERCER LANE
SCOTTSDALE, AZ 85260

SITE DATA

APN: 174-52-002G &
174-52-002H

ZONING: R-43 HILLSIDE

TOTAL NET AREA:
166,907 S.F.
3.8316 AC.

LOT 1 AREA:
84,186 S.F.
1.9326 AC.

LOT 2 AREA:
82,721 S.F.
1.899 AC.

BASIS OF BEARINGS

THE WEST PROPERTY LINE AND BEARS
NORTH 01°30'54" WEST AS SHOWN HEREON.

BENCHMARK

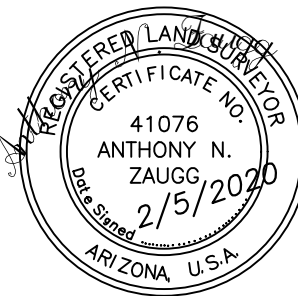
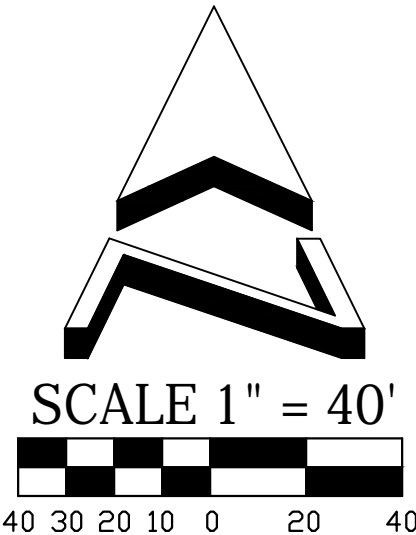
BENCHMARK = FD 3" PV BC FL, NO
STAMPING ON T2N, R4E, 10N, ON INDIAN
BEND RD. POINT NAME 24526-1.
ELEVATION = 1316.441 NAVD88.
MARICOPA COUNTY GEODETIC DENSIFICATION
AND CADASTRAL SURVEY.

TO ANTHONY WANGER AND ALYSE WANGER, HUSBAND AND WIFE,
4NUGGETS, LLC, AN ARIZONA LIMITED LIABILITY COMPANY; AND FIRST
AMERICAN TITLE INSURANCE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON
WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016
MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE
SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND
INCLUDES ITEMS 1-4,8,11,13,16-18 OF TABLE A THEREOF. THE FIELD
WORK WAS COMPLETED ON FEBRUARY 03, 2020.

DATE OF MAP: FEBRUARY 05, 2020

Anthony N. Zaugg
SIGNATURE REGISTRATION NO. 41076



NOTES

- THIS SURVEY IS BASED ON FIRST AMERICAN TITLE INSURANCE CO. COMMITMENT NO. 08102220-837-DXP-MTH, DATED JANUARY 28, 2020.
- THIS SITE LIES IN FLOOD ZONE "X" AS STATED IN FEMA MAP NO. 04013C1765L, DATED OCTOBER 16, 2013.
- NO CURB CUTS OR DRIVE WAYS EXIST ON THE SUBJECT PROPERTY FOR ACCESS TO PUBLIC STREETS.

NOTED:

- THERE IS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.
- THERE ARE NO CHANGES IN STREET RIGHT OF WAY LINES EITHER COMPLETED OR PROPOSED, AND AVAILABLE FROM THE CONTROLLING JURISDICTION. OBSERVABLE EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.
- THERE IS NO OBSERVABLE EVIDENCE OF SITE USE AS A SOLID WASTE DUMP, SUMP OR SANITARY LANDFILL.
- THERE IS NO EVIDENCE OBSERVED OR RECORDED THAT THE SITE WAS PREVIOUSLY A CEMETERY.
- BUILDING SETBACKS ARE PROVIDED MUST BE VERIFIED BY THE ARCHITECT AND/OR DESIGN PROFESSIONAL PRIOR TO SITE DESIGN.
- UTILITIY LOCATIONS SHOWN ARE FROM ABOVE GROUND OBSERVATIONS ONLY. SOURCE INFORMATION FROM MUNICIPALITY PLANS AND/OR BLUESTAKE MARKINGS, NOT AVAILABLE AT THE TIME OF SURVEY.

REVISION		DATE
A		
A		
A		
A		
4111 E VALLEY AUTO TRAIL #103		PHONE (480)844-1866
MESA, ARIZONA 85206		EMAIL: ace@allenconsultengr.com
6560 E. MEADOW LARK LANE		
PARADISE VALLEY, ARIZONA		
ALTA SURVEY		
JOB NUMBER	SHEET	1 OF 2
DRAWING	CHECKED BY	DATE 02-05-2020
DRAFTSMAN		

CURVE DATA:

Curve Number	Delta	Radius	Arc Length	Tangent Length
C1	65° 09' 03"	51.00'	57.99'	32.59'
C2	66° 58' 12"	38.00'	46.13'	23.50'
C3	67° 11' 08"	33.93'	34.56'	18.52'
C4	03° 51' 45"	643.93'	40.10'	21.71'
C5	12° 34' 53"	300.00'	65.88'	33.07'
C6	31° 39' 34"	250.00'	138.14'	70.88'
C7	97° 44' 00"	643.93'	51.77'	26.97'
C8	28° 02' 18"	643.93'	315.11'	160.78'
C9	33° 42' 14"	618.91'	364.07'	187.47'
C10	45° 13' 20"	275.00'	217.05'	114.83'
C11	44° 37' 13"	275.00'	212.61'	112.84'
C12	18° 30' 35"	643.93'	208.09'	110.99'
C14	183° 37' 57"	45.00'	144.22'	-----
C15	37° 57' 53"	30.00'	19.88'	10.32'

LINE DATA:

Line Number	Bearing	Distance
L1	S 35° 30' 50" E	24.13'
L2	N 38° 08' 56" W	8.67'
L3	S 01° 24' 49" E	33.00'
L4	S 01° 24' 49" E	46.94'
L5	S 01° 24' 49" E	50.34'
L6	N 88° 32' 42" E	50.00'

NOT A PART

LOT 1
APN #174-51-012
CHAFOULIAS, JAMES A
6501 E. HUMMINGBIRD LANE
PARADISE VALLEY, ARIZONA
85253

NOT A PART

APN #174-51-013
JOHNSON, STEPHEN L/ DONNA
6511 E. HUMMINGBIRD LANE
PARADISE VALLEY, ARIZONA
85253

NOT A PART

LOT 3
APN #174-51-014
MELTON FAMILY LIMITED
PARTNERSHIP
6527 E. HUMMINGBIRD LANE
PARADISE VALLEY, ARIZONA 85253

NOT A PART

LOT 4
APN #174-51-015
SCHERER, JOHN W
6543 E. HUMMINGBIRD LANE
PARADISE VALLEY, ARIZONA 85253

NOT A PART

LOT 10
APN #174-51-013
BRISSON GILLES D/ MARY JO T.
7171 N. 64TH PLACE PARADISE
VALLEY, ARIZONA 85253

NOT A PART

LOT 4
APN #174-51-012
KOESTER WOLFGANG J/KIM M
7121 N. 64TH PLACE
PARADISE VALLEY, ARIZONA
85253

LOT 1

LOT 2

~~NOT A PART~~

LOT 19
APN #174-51-030D
ZUCKER FAMILY TRUST
6544 E. MEADOWLARK LANE
PARADISE VALLEY, ARIZONA 85253

NOT A PART

LOT 15
APN #174-51-026 KBR FAMILY
TRUST
6563 E. MEADOWLARK LANE
PARADISE VALLEY, ARIZONA 85253

NOT A PART

LOT 17
APN #174-51-028
BENNETT MATTHEW ELJE
6515 E. MEADOWLARK LANE
PARADISE VALLEY, ARIZONA 85253

NOT A PART



LEGEND

- SET 1/2" REBAR LS#41076
 - BRASS CAP
 - ▲ FOUND ¾" REBAR LS#17461
 - FOUND PK NAIL WITH TAG LS#17461
- (N.A.) NOT ACCEPTED
- PUE PUBLIC UTILITY EASEMENT
- ROW RIGHT OF WAY
- M.C.R. MARICOPA COUNTY RECORDER
- BSL BUILDING SETBACK LINE
- BK BOOK
- PG PAGE
- AE ACCESS EASEMENT

TOWN OF PARADISE VALLEY NOTES

1. GRADING SHALL BE IN CONFORMANCE WITH 2018 IBC.
2. PRIOR TO FIRST FOOTING INSPECTION OF ANY TYPE, ALL PROPERTY PINS SHALL BE PLACED BY A REGISTERED LAND SURVEYOR OF THE STATE OF ARIZONA, AND PROPERTY LINES MUST BE PHYSICALLY IDENTIFIED PRIOR TO INSPECTION.
3. WHERE EXCAVATION IS TO OCCUR THE TOP 4" OF EXCAVATED NATIVE SOIL SHALL REMAIN ON THE SITE AND SHALL BE REUSED IN A MANNER THAT TAKES ADVANTAGE OF THE NATURAL SOIL SEED BANK IT CONTAINS.
4. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) SPECIFICATIONS AND STANDARD DETAILS.
5. ALL EXTERIOR SITE LIGHTING SHALL COMPLY WITH REQUIREMENTS OF SECTION 2208 OF THE TOWN OF PARADISE VALLEY ZONING ORDINANCES FOR FUTURE TYPE, LOCATION, HEIGHT, WATTAGE BASED UPON FIXTURES INSTALLED.
6. A DUST CONTROL PLAN MEETING THE REQUIREMENTS OF RULE 310 OF THE MARICOPA COUNTY AIR POLLUTION CONTROL REGULATIONS, AS AMENDED, IS REQUIRED.
7. A SEPARATE PERMIT IS NECESSARY FOR ANY OFFSITE CONSTRUCTION.
8. AN APPROVED GRADING AND DRAINAGE PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
9. EAVE PROJECTIONS INTO REQUIRED SETBACKS ARE LIMITED TO A MAXIMUM OF 24" PURSUANT TO SECTION 1008 OF THE TOWN OF PARADISE VALLEY ZONING ORDINANCES.
10. ALL STRUCTURES AND LANDSCAPING WITHIN THE SIGHT VISIBILITY TRIANGLE SHALL HAVE A 2 FOOT MAXIMUM HEIGHT.
11. ALL NEW AND EXISTING ELECTRICAL SERVICE TO BE BURIED UNDERGROUND PER THE TOWN OF PARADISE VALLEY STANDARDS.
12. POOL, SPA, BARBECUE AND ANY PROPOSED STRUCTURES OVER 8 INCHES ABOVE GRADE REQUIRE SEPARATE PERMIT APPLICATIONS.
13. POOLS SHALL BE CONSTRUCTED BY SEPARATE PERMIT AND SECURED FROM UNWANTED ACCESS PER SECTION 5-2-2 OF THE TOWN OF PARADISE VALLEY ORDINANCES.
14. A SETBACK CERTIFICATION IS REQUIRED AND MUST BE GIVEN TO TOWN INSPECTOR AT STEM WALL INSPECTION.
15. MAIL BOX TO COMPLY WITH THE TOWN OF PARADISE VALLEY STANDARDS FOR MAIL BOXES IN THE R.O.W. FOR HEIGHT, WIDTH AND BREAK AWAY FEATURES.
16. ALL PATIOS, WALKS, AND DRIVES TO SLOPE AWAY FROM BUILDING AND GARAGES AT A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS SPECIFIED OTHERWISE. ALL LAWN AREAS ADJOINING WALKS OR SLABS WILL BE GRADED TO 2" BELOW THE TOP OF SLAB. TYPICAL FINISHED GRADE AROUND PERIMETER OF BUILDING IS MINUS 6" BELOW FINISHED FLOOR UNLESS SPECIFIED OTHERWISE.
17. ALL MATERIAL TO BE UNDER SLABS AND WALKS SHALL BE COMPACTED TO NOT LESS THAN 95% PER ASTM D698.
18. SOILS COMPACTION TEST RESULTS MUST BE SUBMITTED TO THE TOWN ENGINEER'S OFFICE FOR BUILDING PADS THAT HAVE ONE (1) FOOT OR MORE OF FILL MATERIAL INDICATED. THIS INFORMATION MUST BE SUPPLIED PRIOR TO REQUEST FOR FINAL INSPECTION.
19. TRENCH BED SHALL BE FREE OF ROCKS AND DEBRIS.
20. REGULATION II RULE 20-3 OF THE MARICOPA COUNTY HEALTH DEPARTMENT, BUREAU OF AIR POLLUTION CONTROL SHALL BE OBSERVED AND ENFORCED.
21. ALL WORK REQUIRED TO COMPLETE THE CONSTRUCTION COVERED BY THIS PLAN SHALL BE IN ACCORDANCE WITH THE M.A.G. STANDARD SPECIFICATIONS AND DETAILS AND CURRENT SUPPLEMENTS THEREOF PER THE LOCAL CITY OR TOWN UNLESS SPECIFIED OTHERWISE IN THESE PLANS OR ELSEWHERE IN THE CONTRACT DOCUMENTS. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL REQUIRED STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
22. THE CONTRACTOR IS TO COMPLY WITH ALL LOCAL STATE, AND FEDERAL LAWS AND REGULATIONS APPLICABLE TO THE CONSTRUCTION COVERED BY THIS PLAN.
23. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO COMPLETE ALL WORK COVERED BY THIS PLAN.
24. ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION.
25. THE TOWN ONLY APPROVES THE SCOPE, NOT THE DETAIL, OF ENGINEERING DESIGNS; THEREFORE, IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE TOWN.
26. THE APPROVAL OF PLANS IS VALID FOR SIX (6) MONTHS; IF AN ENCROACHMENT PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN SIX MONTHS, THE PLANS MUST BE RESUBMITTED TO THE TOWN FOR RE-APPROVAL.
27. A PUBLIC WORKS INSPECTOR WILL INSPECT ALL WORKS WITHIN THE TOWN OF PARADISE VALLEY RIGHTS-OF-WAY AND IN EASEMENTS. NOTICE INSPECTION SERVICES 24 HOURS PRIOR TO BEGINNING CONSTRUCTION BY CALLING 480- 312-5750.
28. WHENEVER EXCAVATION IS NECESSARY, CALL THE BLUE STAKE CENTER, 602-263-1100, TWO WORKING DAYS BEFORE EXCAVATION BEGINS. THE CENTER WILL SEE THAT THE LOCATION OF THE UNDERGROUND UTILITY LINES IS IDENTIFIED FOR THE PROJECT. CALL "COLLECT" IF NECESSARY.
29. ENCROACHMENT PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. AN ENCROACHMENT PERMIT WILL BE ISSUED BY THE TOWN ONLY AFTER THE REGISTRANT HAS PAID A BASE FEE PLUS A FEE FOR INSPECTION SERVICES. COPIES OF ALL PERMITS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.
30. ALL EXCAVATION AND GRADING THAT IS NOT IN THE PUBLIC RIGHTS-OF-WAY OR NOT IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO CHAPTER 70, EXCAVATION AND GRADING, OF THE LATEST EDITION OF THE IBC BY THE ICC. A PERMIT FOR THIS GRADING MUST BE SECURED FROM THE TOWN FOR A FEE ESTABLISHED BY THE UNIFORM BUILDING CODE.
31. EXCAVATIONS SHALL COMPLY WITH REQUIREMENTS OF OSHA EXCAVATION STANDARDS (29 CFR, PART 1926, SUBPART P). UNDER NO CIRCUMSTANCES WILL THE CONSTRUCTION BE ALLOWED TO WORK IN A TRENCH LOCATED WITHIN THE TOWN'S RIGHT-OF-WAY WITHOUT PROPER SHORING OR EXCAVATION METHODS.
32. ON DEMOLITION, GRADING, REMODELING AND NEW CONSTRUCTION PROJECTS, PERMITTEE MUST NOTIFY ADJACENT PROPERTY OWNERS REGARDING THE NATURE OF THE PROJECT, THE TIME PERIOD FOR CONSTRUCTION, AND ANY UNUSUAL ACTIVITIES THAT MAY CAUSE DISRUPTION OF THE NORMAL COURSE OF TRAFFIC DURING CONSTRUCTION.
33. ALL PERMITTEES MUST POST A 6 SQUARE FOOT (2'X3') IDENTIFICATION SIGN, MADE OF DURABLE MATERIAL, IN THE FRONT YARD OF SUBJECT PROPERTY AND NOT IN THE TOWN RIGHT-OF-WAY. THE SIGN MAY NOT EXCEED A MAXIMUM OF 6 FEET IN HEIGHT FROM GRADE TO TOP OF THE SIGN. THE SIGN MUST INCLUDE THE PERMITTEE OR COMPANY NAME, PHONE NUMBER, TYPE OF WORK, AND ADDRESS OF PROJECT.
34. WHEN DEEMED NECESSARY, A 6-FOOT HIGH CHAIN LINK FENCE MUST BE INSTALLED AROUND THE CONSTRUCTION AREA TO PREVENT SAFETY HAZARD FOR THE PUBLIC. THE FENCE SHALL BE SETBACK AT LEAST 10 FEET FROM ALL RIGHTS-OF-WAY AND HAVE A 50-FOOT STREET CORNER SITE TRIANGLE WHERE APPLICABLE.
35. CLEAR ACCESS FOR NEIGHBORING PROPERTIES AND EMERGENCY VEHICLES MUST BE MAINTAINED AT ALL TIMES. CONSTRUCTION RELATED VEHICLES MUST BE LEGALLY PARKED ONLY ON ONE SIDE OF THE STREET OR JOB SITE PROPERTY. IF A STAGING AREA IS NEEDED ON A PROPERTY OTHER THAN THE CONSTRUCTION SITE FOR CONSTRUCTION SUPPLIES AND EQUIPMENT, THE PERMITTEE MUST OBTAIN PROPERTY OWNER AND TOWN APPROVAL FIRST AND MUST INFORM THE ADJACENT PROPERTY OWNERS OF THE LOCATION OF STAGING AREA, AND TIME AND HOURS DURING THE DAY THE AREA WILL BE USED.
36. EXCEPT AS OUTLINED IN ITEM 4, ALL CONSTRUCTION DEBRIS AND EQUIPMENT MUST BE CONTAINED ON SITE AT ALL TIMES. CONTRACTOR AND PROPERTY OWNER MUST MAINTAIN THE JOB SITE FREE OF LITTER AND UNSIGHTLY MATERIALS AT ALL TIMES. CONSTRUCTION MATERIALS ARE PROHIBITED IN THE TOWN RIGHT-OF-WAY OR NEAR ADJACENT PROPERTIES.
37. BUILDING CONSTRUCTION MUST NOT START SOONER THAN SUNRISE AND MUST STOP NO LATER THAN SUNSET. ALSO, ORDINANCE #561 IMPOSES RESTRICTIONS ON CONSTRUCTION WORK ON SATURDAYS, SUNDAYS AND MAJOR BUSINESS HOLIDAYS. HILLSIDE PROJECTS MAY HAVE ADDITIONAL RESTRICTIONS. EQUIPMENT WITH AUDIBLE REVERSE DIRECTION WARNINGS MUST NOT BE OPERATED PRIOR TO 7:00 A.M. THE USE AND OPERATION OF FUEL-FIRED GENERATORS ON ANY CONSTRUCTION SITE, NEW, EXISTING OR REMODELING, IS PROHIBITED UNLESS DUE TO A HARSH WEATHER CONDITION.
39. THE CONTRACTOR AND PROPERTY OWNER WILL BE LIABLE FOR ANY DAMAGE DONE TO ANY PUBLIC PROPERTY AS A RESULT OF ANY CONSTRUCTION OR CONSTRUCTION RELATED ACTIVITIES. NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL AFFECTED RIGHTS-OF-WAY ARE CLEANED AND/OR REPAIRED TO THEIR ORIGINAL CONDITION AND UNTIL ANY AND ALL DAMAGES TO AFFECTED PROPERTIES ARE RESTORED TO ORIGINAL CONDITION, OR UNTIL SUCH TIME THAT A WRITTEN, SIGNED AND LEGALLY BINDING AGREEMENT HAS BEEN REACHED BY THE PARTIES INVOLVED TO REMEDY ANY VIOLATION WITHIN A REASONABLE TIME PERIOD, AND UNTIL ALL REQUIRED FEES ARE PAID IN FULL.
40. THE NATURAL FLOW OF RAINWATER AND OTHER SURFACE DRAINAGE FROM THE PROPERTY MAY NOT BE ALTERED IN ANY WAY.
41. A KEY SWITCH SHALL BE REQUIRED ON ALL NEW AND EXISTING ELECTRIC ENTRY CONTROL GATES. THE KEY SWITCH SHALL BE INSTALLED IN A LOCATION ON THE GATE CONTROL PANEL THAT IS READILY VISIBLE AND ACCESSIBLE. KNOX BOX ORDER FORMS ARE AVAILABLE AT THE PARADISE VALLEY BUILDING DEPARTMENT.
42. ALL EQUIPMENT OF ALL TRADES ON OR AFFECTING THE JOB MUST BE CLEANED ONLY IN A PRE-DETERMINED AND DESIGNATED AREA. DEBRIS AND RUNOFF FROM SAID AREA MAY NOT EXTEND BEYOND THE BUILDING AREA.
43. PROPERTY OWNER, BUILDER, OR GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR CONTROLLING DUST FROM THE SITE AT ALL TIMES. ALL MEANS NECESSARY SHALL BE USED BY THE BUILDER OR GENERAL CONTRACTOR TO CONTROL THE EXISTENCE OF DUST CAUSED BY ANY EARTHWORK, SPRAY APPLICATION OF MATERIALS, OR OTHER DUST-CAUSING PRACTICES REQUIRED BY THE CONSTRUCTION PROCESS.
44. AN INSPECTION FEE WILL BE CHARGED IF THE INSPECTION IS REQUIRED AS A RESULT OF A CODE VIOLATION.
45. FOR DEMOLITION INSPECTION OWNER OR PERMITTEE SHALL NOTIFY OSHA FOR ASBESTOS INSPECTION. ALL DEMOLITIONS AND ALL RENOVATION ACTIVITIES THAT WILL DISTURB FRIABLE ASBESTOS CONTAINING MATERIALS MUST BE REPORTED TO THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT.

GRADING & DRAINAGE PLAN
WANGER RESIDENCE

6519 E HUMMINGBIRD LN., PARADISE VALLEY, AZ 85253
LOCATED IN A PORTION OF THE NE 1/4 OF THE SW 1/4 OF THE SW 1/4 OF SECTION 3, T.2N, R.4E
OF THE GILA & SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA

ENGINEERS NOTES

1. MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION INCLUDING LATEST REVISION AND CURRENT SUPPLEMENTS THEREOF PER THE LOCAL TOWN OR CITY) ARE INCORPORATED INTO THIS PLAN IN THEIR ENTIRETY.
2. ALL WORK REQUIRED TO COMPLETE THE CONSTRUCTION COVERED BY THIS PLAN SHALL BE IN ACCORDANCE WITH THE M.A.G. STANDARD SPECIFICATIONS AND DETAILS AND CURRENT SUPPLEMENTS THEREOF PER THE LOCAL CITY OR TOWN UNLESS SPECIFIED OTHERWISE IN THESE PLANS OR ELSEWHERE IN THE CONTRACT DOCUMENTS. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL REQUIRED STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
3. GRADING SHALL BE IN CONFORMANCE WITH 2018 IBC SEC. 1803 AND APPENDIX J.
4. 5% MINIMUM SLOPE AWAY FROM BUILDING FOR A MINIMUM 10', U.N.O.
5. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) SPECIFICATIONS AND STANDARD DETAILS.
6. A DUST CONTROL PLAN MEETING THE REQUIREMENTS OF RULE 310 OF THE MARICOPA COUNTY AIR POLLUTION CONTROL REGULATIONS, AS AMENDED, IS REQUIRED.
7. A SEPARATE PERMIT IS NECESSARY FOR ANY OFFSITE CONSTRUCTION.
8. AN APPROVED GRADING AND DRAINAGE PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
9. ALL DRAINAGE PROTECTIVE DEVICES SUCH AS SWALES, INTERCEPTOR DITCHES, PIPES, PROTECTIVE BERMS, BARRIER WALLS, CONCRETE CHANNELS OR OTHER MEASURES DESIGNED TO PROTECT ADJACENT BUILDINGS OR PROPERTY FROM STORM RUNOFF MUST BE COMPLETED PRIOR TO BUILDING CONSTRUCTION.
10. ALL STRUCTURES AND LANDSCAPING WITHIN THE SIGHT VISIBILITY TRIANGLE SHALL HAVE A 2 FOOT MAXIMUM HEIGHT.
11. ALL PATIOS, WALKS, AND DRIVES TO SLOPE AWAY FROM BUILDING AND GARAGES AT A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS SPECIFIED OTHERWISE. ALL LAWN AREAS ADJOINING WALKS OR SLABS WILL BE GRADED TO 2" BELOW THE TOP OF SLAB. TYPICAL FINISHED GRADE AROUND PERIMETER OF BUILDING IS MINUS 6" BELOW FINISHED FLOOR UNLESS SPECIFIED OTHERWISE.
12. ALL MATERIAL TO BE UNDER SLABS AND WALKS SHALL BE COMPACTED TO NOT LESS THAN 95% PER ASTM D698.
13. THE QUANTITIES AND SITE CONDITIONS DEPICTED IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE SUBJECT TO ERROR AND OMISSION. CONTRACTORS SHALL SATISFY THEMSELVES AS TO ACTUAL QUANTITIES AND SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
14. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO COMPLETE ALL WORK COVERED BY THIS PLAN.
15. THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, SEQUENCING, AND SAFETY CONCERNS ASSOCIATED WITH THIS PROJECT DURING CONSTRUCTION, UNLESS SPECIFICALLY ADDRESSED OTHERWISE IN THIS PLAN OR ELSEWHERE.
16. A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND/OR FACILITIES CAUSED DURING THEIR CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CALL 48 HOURS IN ADVANCE FOR BLUE STAKE (1-800-STAKE-IT) PRIOR TO ANY EXCAVATION.
17. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK.
18. ALL PAVING, GRADING, EXCAVATION, TRENCHING, PIPE BEDDING, CUT, FILL AND BACKFILL SHALL COMPLY WITH THE RECOMMENDATIONS SET FORTH IN THE SOILS (GEOTECHNICAL) REPORT FOR THIS PROJECT IN ADDITION TO THE REFERENCED REQUIRED SPECIFICATIONS AND DETAILS.
19. THE CONTRACTOR IS TO VERIFY THE LOCATION AND THE ELEVATIONS OF ALL EXISTING UTILITIES AT POINTS OF TIE-IN PRIOR TO COMMENCING ANY NEW CONSTRUCTION. SHOULD ANY LOCATION OR ELEVATION DIFFER FROM THAT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AGENT.
20. CONTRACTOR TO VERIFY AND COORDINATE ALL DIMENSIONS AND SITE LAYOUT WITH ARCHITECTURE'S FINAL SITE PLAN AND FINAL BUILDING DIMENSIONS BEFORE STARTING WORK. REPORT DISCREPANCIES TO OWNER'S AGENT.
21. COORDINATION BETWEEN ALL PARTIES IS ESSENTIAL PART OF CONTRACT.
22. CONTRACTOR IS RESPONSIBLE FOR PROJECT AND SITE CONDITIONS, AND TO WORK WITH WEATHER CONDITIONS AS THE PROJECT SITE MAY BE LOCATED IN A FLOOD PRONE AREA AND SUBJECT TO FLOODING AND ITS HAZARDS.
23. THE CONTRACTOR IS TO VERIFY THE LOCATION, ELEVATION, CONDITION, AND PAVEMENT CROSS-SLOPE OF ALL EXISTING SURFACES AT POINTS OF TIE-IN AND MATCHING, PRIOR TO COMMENCEMENT OF GRADING, PAVING, CURB AND GUTTER, OR OTHER SURFACE CONSTRUCTION. SHOULD EXISTING LOCATIONS, ELEVATIONS, CONDITION, OR PAVEMENT CROSS-SLOPE DIFFER FROM THAT SHOWN ON THESE PLANS, RESULTING IN THE DESIGN INTENT REFLECTED ON THESE PLANS NOT BEING TO BE CONSTRUCTED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AGENT IMMEDIATELY FOR DIRECTION ON HOW TO PROCEED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL COSTS ASSOCIATED WITH CORRECTIVE ACTION IF THESE PROCEDURES ARE NOT FOLLOWED.
24. CONTRACTOR IS RESPONSIBLE TO COORDINATE UTILITY CROSSINGS AT CULVERT CROSSINGS BEFORE STARTING WORK ON CULVERT. COORDINATE WITH OWNER REPRESENTATIVE. VERIFY UTILITY LINES AND/OR CONDUITS ARE IN PLACE BEFORE STARTING CULVERT WORK.
25. ALL ON-SITE UTILITIES PER OTHERS.
26. THIS PROJECT REQUIRES A REGULAR ONGOING MAINTENANCE PROGRAM FOR THE DESIGNED DRAINAGE SYSTEM(S) TO PRESERVE THE DESIGN INTEGRITY AND THE ABILITY TO PERFORM ITS OPERATIONAL INTENT. FAILURE TO PROVIDE MAINTENANCE WILL JEOPARDIZE THE DRAINAGE SYSTEM(S)' PERFORMANCE AND MAY LEAD TO IT'S INABILITY TO PERFORM PROPERLY AND/OR CAUSE DAMAGE ELSEWHERE IN THE PROJECT.
27. IF A DISCREPANCY IS FOUND BETWEEN ENGINEER'S PLAN OR SURVEYOR'S STAKING AND THE ARCHITECTURAL PLAN, ENGINEER SHALL BE NOTIFIED IMMEDIATELY. FAILURE TO NOTIFY ENGINEER SHALL NEGATE ENGINEER'S LIABILITY.
28. ALL DISTURBED AREAS ARE TO BE ROPED AND ROPING MUST MATCH PLAN.
29. VEGETATION OUTSIDE OF CONSTRUCTION AREA TO REMAIN.
30. AREAS OUTSIDE THE WALL AND CUT AND FILL SLOPES SHALL BE REVEGETATED WITH SIMILAR PLANT TYPES AND DENSITIES FOUND ON THE SITE. REVEGETATION SHALL BE COMPLETED PRIOR TO OCCUPANCY AND THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
31. MECHANICAL EQUIPMENT SHALL BE SCREENED TO A MINIMUM OF ONE FOOT ABOVE TOP OF EQUIPMENT.
32. ANY FUTURE IMPROVEMENTS SHOWN HEREON SHALL REQUIRE A SEPARATE PERMIT.
33. ANY POINTS OF DRAINAGE CONCENTRATION SHOULD BE PROTECTED AGAINST EROSION WITH NATIVE STONE.
34. THIS PLAN IS DESIGNED TO SHOW SITE GRADING AND DRAINAGE CONTRACTOR SHALL USE THE ARCHITECTURAL SITE PLAN TO DETERMINE FINAL HOUSE, WALL, STEP, ETC., LOCATIONS AND ELEVATIONS.
35. ALL DRAINAGE FACILITIES TO BE MAINTAINED BY HOMEOWNER.
36. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR SITE AND RETAINING WALLS LAYOUT, DIMENSIONS, AND DETAILS. TOP OF FOOTING ELEVATIONS SHOWN IN PLAN ARE APPROXIMATE ONLY. ACTUAL TOP OF FOOTINGS TO BE DETERMINED AT TIME OF CONSTRUCTION AND TO BE A MINIMUM OF SIX INCHES BELOW EXISTING NATURAL GRADE OR FINISHED GRADE WHICHEVER IS LOWER (TYPICAL).
37. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING LAYOUT, DIMENSIONS AND ELEVATIONS.
38. REFER TO STRUCTURAL DRAWINGS, DETAILS AND CALCULATIONS FOR ALL PROPOSED RETAINING WALLS.
39. FOR CHANGE IN ELEVATION THAT ARE GREATER THAN 30", PROVIDE 36" HIGH GUARDRAILS FOR TOTAL OF 42" FALL PROTECTION BARRIER U.N.O.
40. ALL WATER AND SEWER LINES AND CONNECTIONS MUST BE INSTALLED PER IPC 2018, MAG AND CITY OF PHOENIX SUPPLEMENT TO MAG.
41. ALL PIPES AND FITTINGS SHALL BE INSTALLED PER MANUFACTURE'S SPECIFICATIONS AND DETAILS.
42. ABANDONMENT OR REMOVAL OF EXISTING SEPTIC SYSTEMS SHALL BE PERFORMED IN ACCORDANCE WITH THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT RULES AND STANDARDS, AND WILL REQUIRE SEPARATE PERMIT.
43. COORDINATE RIPRAP COLOR WITH LANDSCAPE PLANS AND DETAILS.
44. VERIFY AND COORDINATE WITH ARCHITECTURAL AND LANDSCAPE PLANS LOCATION AND HEIGHT OF ALL SITE WALLS.
45. DISTURBED AREA XX > 1 ACRE: NPDES PERMIT IS REQUIRED.
46. REFER TO ARCHITECTURAL PLANS AND DETAILS FOR DEMOLITION OF EXISTING BUILDING STRUCTURE, SITE WALLS AND PAVEMENT.
47. VERIFY AND COORDINATE WITH LANDSCAPE PLANS FINAL LOCATION AND GRATE TYPE OF SPECIFIED AREA DRAINS AND TRENCH DRAINS.
48. CONTRACTOR TO COORDINATE ALL ELEVATIONS OF RETAINING, FREE STANDING AND STEM WALLS WITH ARCHITECT, LANDSCAPE ARCHITECT AND STRUCTURAL ENGINEER. LDG ASSUMES NO LIABILITY FOR LACK OF COORDINATION BETWEEN THE PROJECT STAKEHOLDERS.

FIRE SPRINKLER SYSTEM

FIRE SPRINKLER SYSTEM TO BE INSTALLED PER THE REQUIREMENTS OF THE TOWN OF PARADISE VALLEY AND IN ACCORDANCE WITH I.B.C. SECT. 904.2.2 AMD. AND I.F.C. SECT. 1003.2.1 AMD.

UTILITIES NOTES

HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE ONLY AND WILL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO START OF CONSTRUCTION WORK. CALL BLUE STAKE @ (602) 263-1100.

LEGEND

- ✕ SCRIBED "X" IN CONCRETE
- ⊗ BRASS CAP IN HANDHOLE
- ⊗ BRASS CAP FLUSH
- FOUND 1" IRON PIPE
- SET 1/2" REBAR & TAG OR AS NOTED
- CALCULATED POINT
- — — — — PROPERTY LINE
- — — — — EASEMENT LINE
- — — — — MONUMENT LINE
- SEWER MANHOLE
- WM SIGN
- WM WATER METER
- ⊗ WATER VALVE
- ⊗ FIRE HYDRANT
- ⊗ IRRIGATION CONTROL BOX
- ⊗ ELECTRIC METER
- ⊗ GAS VALVE
- ⊗ TELEPHONE PEDESTAL
- ⊗ MANHOLE
- T — CABLE TV RISER
- S — CATV, PHONE
- W — SEWER LINE
- W — WATER LINE
- E — ELECTRIC LINE
- C — COMMUNICATIONS LINE
- — — — — FENCE
- — — — — EXISTING CONTOUR
- — — — — EXIST. DRAINAGE FLOW
- — — — — EXIST. SPOT ELEVATION
- — — — — TREE
- — — — — EXISTING DISTURBED AREA
- — — — — PROPOSED DISTURBED AREA
- — — — — DRAINAGE FLOW ARROW
- — — — — PROPOSED SPOT ELEVATION
- — — — — PROPOSED CONTOUR
- — — — — TOP OF RAILING/NON-RET. WALL
- — — — — TOP OF RETAINING WALL
- — — — — FINISH GRADE
- — — — — FINISH GRADE AT BOTTOM OF WALL
- — — — — TOP OF FOOTING
- — — — — STORM DRAIN PIPE
- — — — — HISTORIC NATURAL GRADES PER FCDMC & COP AERIAL TOPOGRAPHY
- — — — — RETAINING WALL/AGAINST BUILDING
- — — — — EXTENDED BUILDING STEM WALL

ABBREVIATIONS

- BC BACK OF CURB
- BSL BUILDING SETBACK LINE
- BL BOTTOM OF WALL
- C CONCRETE, CALCULATED
- TPV TOWN OF PARADISE VALLEY
- DE DRAINAGE EASEMENT
- ESMT EASEMENT
- EXIST. EXISTING
- EG EXISTING GRADE
- FG FINISH GRADE
- FFE FINISH FLOOR ELEVATION
- F FLOW LINE
- FND FOUND
- G GUTTER, GAS
- INV INVERT
- MAG MARICOPA ASSOCIATION OF GOVERNMENTS
- (M) MEASURED
- MCR MARICOPA COUNTY RECORDER
- P PAVEMENT
- PUE PUBLIC UTILITY EASEMENT
- (R) RECORDED
- R RADIUS
- R/W RIGHT OF WAY
- T TANGENT, TELEPHONE
- W WEST, WATERLINE
- TP TOP OF PARAPET
- TC TOP OF CURB
- TO TOP OF GRATE
- TF TOP OF FOOTING
- TR TOP OF RAILING
- TRW TOP OF RETAINING WALL
- TW TOP OF WALL
- WM WATER METER

NATIVE PLANTS

ALL NATIVE PLANTS IMPACTED BY CONSTRUCTION SHALL BE RELOCATED ON SITE. SEE LANDSCAPE PLAN AND NATIVE PLANT INVENTORY AND SALVAGE PLAN.

GRADING SPECIFICATIONS

1. EXCAVATION AND GRADING OF THIS SITE IS CLASSIFIED AS "ENGINEERED GRADING" PER 2018 I.B.C. AND WILL BE PERFORMED ACCORDINGLY.
2. THE CONTRACTOR WILL RETAIN A SOILS ENGINEER DURING CONSTRUCTION TO INSPECT PROGRESS OF CONSTRUCTION, CONCERNING PREPARATION OF GROUND TO RECEIVE FILLS, TESTING AND REQUIRED COMPACTION STABILITY OF ALL FINISH SLOPES INCLUDING CUT SLOPES.
3. COMPACTION SHALL COMPLY WITH M.A.G. SECTION 601 AND PROVISIONS AS SET FORTH IN THE SOILS REPORT.
4. BEARING MATERIALS FOR FILL UNDER RESIDENCE PAD IF NATIVE MATERIAL IS USED. LARGE ROCK FRAGMENTS MUST BE REMOVED THAT ARE IN EXCESS OF SIX INCHES. REMAINING MATERIAL MUST BE SMALLER PARTICLES OF SAND AND ROCK THAT CAN BE COMPACTED INTO A DENSE CONDITION.
5. MAXIMUM PARTICLE SIZE 6 INCHES
- PERCENT PASSING NO. 4 SIEVE 35% TO 70%
- PERCENT PASSING NO. 200 SIEVE 25% MAX.
- PLASTICITY INDEX 10% MAX.
5. CUT-SLOPES: MAXIMUM ROCK CUT SLOPE TO BE 1.0 FEET HORIZONTAL TO 3.0 FEET VERTICAL PER GEOTECHNICAL STUDY.
6. FILL SLOPES: MAXIMUM FILL SLOPE TO BE 2.0 FEET HORIZONTAL TO 1.0 FEET VERTICAL.
7. COMPACTION FILL MATERIAL MUST BE PLACED ON LEVELED BENCHES CUT INTO UNDISTURBED EXISTING HILLSIDE. PLACE FILL IN HORIZONTAL LIFTS OF THICKNESS COMPATIBLE WITH THE COMPACTION EQUIPMENT USED. COMPACT TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM A.S.T.M. DENSITY AT THE OPTIMUM MOISTURE CONTENT OF ± TWO PERCENT. THIS PERTAINS TO ALL ENGINEERED STRUCTURAL FILL SUPPORTING STRUCTURES AND INCLUDING FILL UNDER ANY OF THE RETAINING WALLS. COMPACTION TEST RESULTS SHALL BE SUBMITTED TO THE SOILS ENGINEER AND TOWN OF PARADISE VALLEY BUILDING AND SAFETY DEPARTMENT.
8. ANY RETAINING WALLS ADJACENT TO THE PROPERTY LINES WILL BE UNDER THE SCOPE OF SPECIAL INSPECTION BY THE SOILS ENGINEER. THE DEVELOPER SHALL NOTIFY THE ADJOINING PROPERTY OWNERS IN WRITING, TEN DAYS PRIOR TO START OF CONSTRUCTION ON THESE WALLS PER SECTION 2903-B OF IBC. THE DEVELOPER WILL HAVE TO PROVIDE MEANS OF PROTECTION OF ADJACENT PROPERTY WHILE THIS WORK IS UNDER CONSTRUCTION.
9. ALL EXPOSED CUT AND FILL SHALL BE TREATED WITH AN APPROVED AGING AGENT TO MINIMIZE TO VISUAL CONTINUITY.

TOWN OF PARADISE VALLEY HILLSIDE NOTES

- A. NO CERTIFICATE OF OCCUPANCY SHALL BE ISSUED UNTIL ALL HILLSIDE STIPULATIONS AND ALL TOWN CODE REQUIREMENTS ARE COMPLIED INCLUDING, BUT NOT LIMITED TO LANDSCAPING, GROUND RESTORATION, FIRE FLOW, FIRE SAFETY, AND ALL ONSITE AND OFFSITE IMPROVEMENTS.
- B. ALL OUTDOOR LIGHTING SHALL BE IN CONFORMANCE WITH ARTICLE XXII OF THE TOWN ZONING ORDINANCE.
- C. ALL EXCESS FILL MATERIAL SHALL BE REMOVED FROM THE SITE WITH NO NEW SPILL SLOPES.
- D. THE USE OF HYDROLOGIC 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.
- E. CONSTRUCTION STAKING AND/OR FENCING SHALL BE PLACES AROUND THE CONSTRUCTION SITE SO AS TO PROTECT THE UNDISTURBED NATURAL AREA.
- F. ALL RETAINING WALLS SHALL NOT EXTEND MORE THAN 6 INCHES ABOVE THE MATERIAL THEY RETAIN (WITH EXCEPTION OF DRIVEWAY RETAINING WALLS IN ACCORDANCE WITH 2207.VI.6).

UTILITIES

WATER: CITY OF PHOENIX
SANITARY SEWER: TOWN OF PARADISE VALLEY
ELECTRIC: APS
TELEPHONE: CENTURY LINK, COX COMMUNICATIONS
NATURAL GAS: SOUTHWEST GAS
CABLE TV: CENTURY LINK, COX COMMUNICATIONS

DISTURBED AREA CALCULATIONS

EXIST. LOT AREA: 166,907 S.F. (3,832 AC.)
84,186 S.F. (LOT 1) + 82,721 S.F. (LOT 2)

TOTAL FLOOR AREA: 22,753 S.F.
FLOOR AREA RATIO: 13.63% > 25%

BUILDING PAD SLOPE: 11.3%
VERTICAL: 23 FT
HORIZONTAL: 204 FT

ALLOWABLE NET DISTURBED AREA: 43,524 S.F. (51.7%)

EXIST. GROSS DISTURBED AREA: 51,980 S.F. (61.7%)

GROSS NEW DISTURBED AREA: 58,012 S.F. (68.9%)

LESS TEMPORARY AREAS OF DISTURBANCE

TO BE RESTORED AND REVEGETATED: 7,049 S.F. (8.4%)

LESS BUILDING FOOTPRINT AREA: 10,294 S.F.

PROPOSED NET DISTURBED AREA: 40,669 S.F. (48.3%)

ALLOWED SLOPES STEEPER

THAN NATURAL GRADE (5% MAX.): 4,209 S.F. (5%)

PROPOSED SLOPES STEEPER

THAN NATURAL GRADE (AREA): 1,686 S.F. (2.1%)

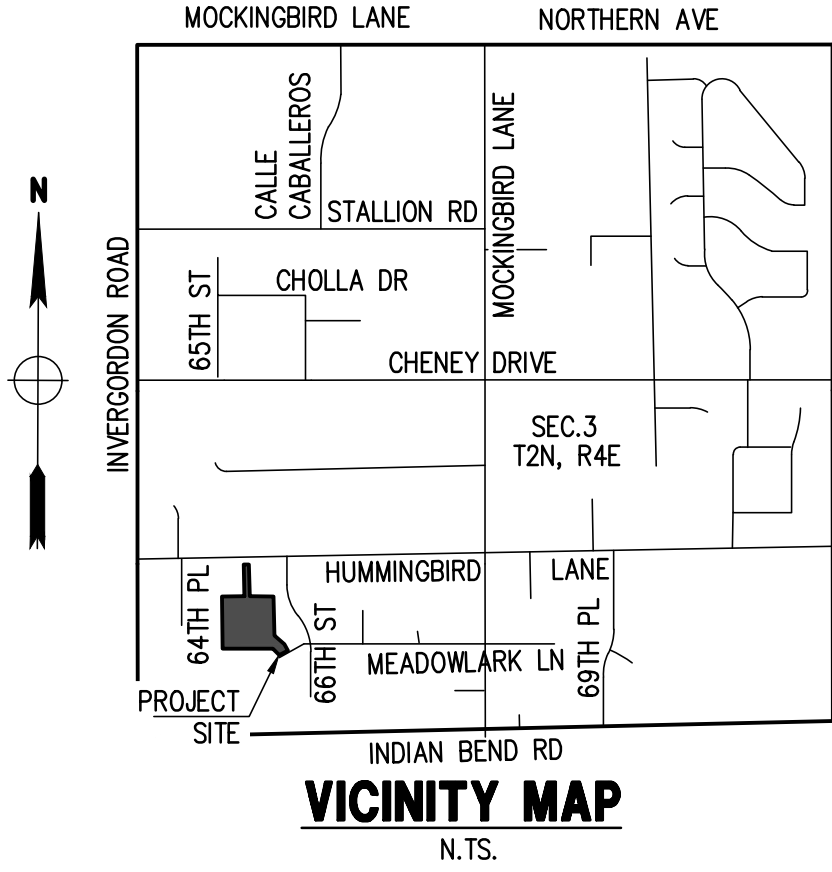
VOLUME OF CUT: 5,761 C.Y.

VOLUME OF FILL: 1,207 C.Y.

TOTAL CUT&FILL: 6,968 C.Y.

HILLSIDE ASSURANCE = 35 TIMES THE GRADING PERMIT FEE=35*(\$142 FIRST 100 CY / \$95 EA. ADDITIONAL 100 CY)=35*\$6,667=\$233,331

ALL QUANTITIES LISTED ON THESE PLANS ARE ESTIMATES ONLY. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF THE QUANTITIES AND BASE THEIR BIDS ON THEIR ESTIMATES.



VICINITY MAP
N.T.S.

OWNER

HUMMINGBIRD AZ, LLC
14362 FRANK LLOYD WRIGHT BLVD NO 1000,
SCOTTSDALE, AZ 85260

ARCHITECT

DREWLE WORKS/ARCHITECTURE
7144 E STETSON DR., SUITE 204,
SCOTTSDALE, AZ 85251
P: 855-373-9388
F: 855-373-9388
PLANS@DREWLEWORKS.COM

SITE DATA

LOT 1
APN: 174-52-002G
ADDRESS: 6519 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253

LOT 2
APN: 174-52-002H
ADDRESS: 6528 E MEADOWLARK LN
PARADISE VALLEY, AZ 85253

TOTAL LOT AREA: 166,907 S.F. (3,832 AC.)
QS #: 23-43
ZONING: R-43

BASIS OF BEARING

THE WEST PROPERTY LINE THE BEARING OF WHICH IS N01°30'54"W AS SHOWN HEREON.

BENCHMARK

PARADISE VALLEY BRASS CAP FLUSH, NO STAMPING ON T2N, R4E, 10N, ON INDIAN BEND ROAD, HAVING AN ELEVATION OF 1316.441, TOWN OF PARADISE VALLEY (NAVD 88) DATUM, GDACS# 24526-1.

LEGAL DESCRIPTION

LOT 1 AND 2, MEADOWLARK LOT SPLIT, ACCORDING TO BOOK 1421 OF MAPS, PAGE 39, RECORDS OF MARICOPA COUNTY, ARIZONA.

NOTE: CIVIL ENGINEERING DESIGN PRESENTED HEREIN IS BASED ON THE TOPOGRAPHIC SURVEY MAP, PROVIDED IN AN ELECTRONIC FORMAT BY SURVEYOR LISTED ABOVE.
LAND DEVELOPMENT GROUP, LLC ASSUMES NO LIABILITY FOR ERRORS AND OMISSIONS SHOWN ON THE SURVEY AND INFORMATION PROVIDED BY OTHERS.

FLOOD INSURANCE RATE MAP (FIRM) DATA

COMMUNITY #	PANEL #	SUFFIX	BASE FLOOD ELEVATION
040049	1765 OF 4425	X*	N/A
MAP #	PANEL DATE	FIRM INDEX DATE	ZONE
04013C	10/16/2013	11/04/2015	X*

*AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED ENGINEER/ LAND SURVEYOR	DATE
REGISTRATION NUMBER	

FINISH FLOOR CERTIFICATION

I HEREBY CERTIFY THAT FINISHED FLOOR ELEVATION SHOWN ON THE PLAN OF 1381.50 IS MINIMUM OF 12" ABOVE THE 100-YEAR STORM ELEVATION ACCORDING TO THE TOWN OF PARADISE VALLEY CODE OF ORDINANCE.

<i>Nick Prodanov</i>	10/22/20
REGISTERED CIVIL ENGINEER	DATE:

APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH TOWN OF PARADISE VALLEY REQUIREMENTS PRIOR TO ISSUANCE OF PERMIT. THE TOWN NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE TOWN ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN THE PLANS TO BE FOUND IN VIOLATION OF LAWS OR ORDINANCES.

TOWN ENGINEER	DATE
TOWN OF PARADISE VALLEY	

DATE: 10/22/20
JOB: 2007186
VERSION: 1.1
PLOT DATE: 10/22/20

SCALE: N.T.S.
DESIGNED BY: NP
DRAWN BY: AT
CHECKED BY: JJ

REVISIONS:

DATE: 10/22/20
JOB: 2007186
VERSION: 1.1
PLOT DATE: 10/22/20

GRADING & DRAINAGE PLAN
COVER SHEET

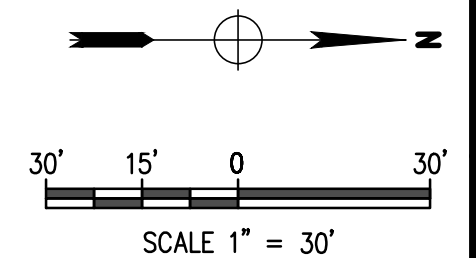
WANGER RESIDENCE
6528 E MEADOWLARK LN., &
6519 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253

P 602 889 1984 | F 602 445 9482
8808 N CENTRAL AVE., SUITE 288
PHOENIX, AZ 85020
PHOENIX@LDG.COM

REGISTERED PROFESSIONAL ENGINEER
NO. 11005
NICKOLA J. PRODANOV
LICENSED IN THE U.S.A.
Nick Prodanov

C-1
1 OF 3

LOT 19 - HUMMINGBIRD VISTA
BK. 153, PG. 07, MCR
6544 MEADOWLARK LN.,
PARADISE VALLEY, AZ 85253
APN 174-51-030D
ZONING R-43
SINGLE FAMILY RESIDENCE



Contact Arizona 811 at least two full working days before you begin excavation

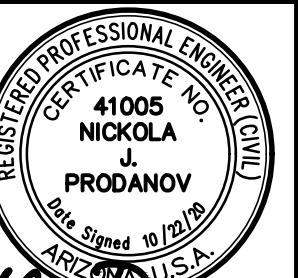
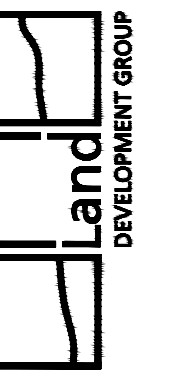


Call 811 or click Arizona811.com

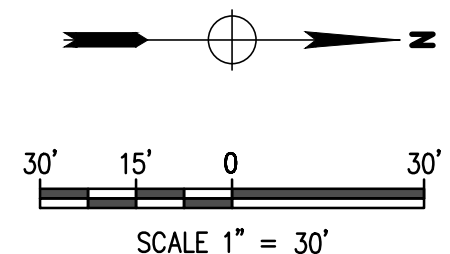
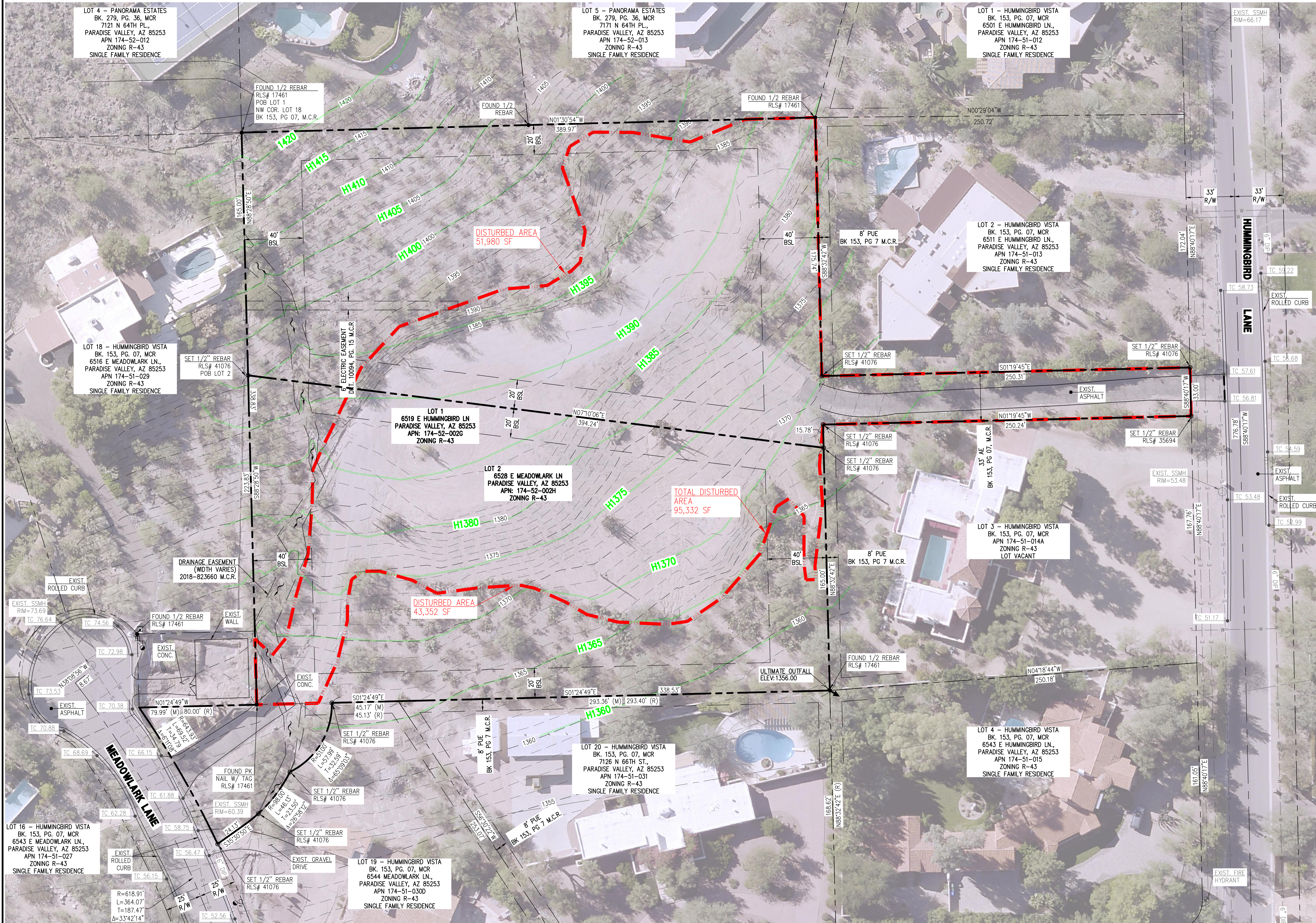
GRADING & DRAINAGE IMPROVEMENT PLAN ON HILLSIDE LOT OVERALL SITE PLAN

**WANGER RESIDENCE
6528 E MEADOWLARK LN., &
6519 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253**

P 602 889 1984 | F 602 445 9482
8808 N CENTRAL AVE., SUITE 288
PHOENIX, AZ 85020
PHOENIX@DGENG.COM



DATE: 10/22/20
JOB: 2007186
VERSION: 1.1
PLOT DATE: 10/22/20
PREPARED:



REVISIONS:		DATE:	SCALE: 1"=30'	DESIGNED BY: NP	DATE: 08/31/20
				DRAWN BY: AT	JOB: 2007186
				CHECKED BY: JJ	VERSION: 1.1
					PLOT DATE: 08/31/20

**HISTORIC GRADES
EXISTING DISTURBANCE
EXHIBIT**

**WANGER RESIDENCE
6528 E MEADOWLARK LN., &
6519 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253**

P. 602.889.1984 | F. 602.445.9482
8808 N CENTRAL AVE., SUITE 288
PHOENIX, AZ 85020
PHOENIXVALDESIGN.COM

**Land
DEVELOPMENT GROUP**

REGISTERED PROFESSIONAL ENGINEER
41005
NICKOLA
J. PRODANOV
SINCE 2018
SINCE 2018
SINCE 2018

HC
1 OF 1