

2. GRADING SHALL BE IN CONFORMANCE WITH 2015 IBC.
3. 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 FUTURE INSTALLATION.
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, BARBEQUE 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 MINIMUM 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 TITLE 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, 602-663-1100, 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 OBTAINED 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 CONTRACTORS 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 BUSINESS 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 THE 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 ANY POTENTIAL 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 ONE SIDE OF THE PROPERTY. 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 #661 IMPOSES RESTRICTIONS ON CONSTRUCTION WORK ON SATURDAYS, SUNDAYS AND PUBLIC HOLIDAYS. CONSTRUCTION OF ANY TYPE MAY HAVE ADDITIONAL RESTRICTIONS. EQUIPMENT WITH AUDIBLE REVERSE DIRECTION WARNINGS MUST NOT BE OPERATED PRIOR TO 7:00 A.M.
38. THE USE AND OPERATION OF FUEL-FIRED GENERATORS ON ANY CONSTRUCTION SITE, NEW, EXISTING OR REMODELING, IS PROHIBITED UNLESS DUE TO A HARSH TOWN APPROVAL IS OBTAINED.
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 ALL REQUIRED FEES ARE PAID IN FULL.
40. THE NATURAL, FLOW, 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 ALL WORK AT ALL TIMES. ALL MEASURES MUST BE USED BY THE OWNER OR GENERAL CONTRACTOR TO CONTROL THE EXISTENCE OF DUST CAUSED BY ANY AIRWORK, 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.

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.

3. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL REQUIRED STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTS PRIOR TO THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.

4. GRADING SHALL BE IN CONFORMANCE WITH 2012 IBC SEC. 1803 AND APPENDIX J.

5. 5% MINIMUM SLOPE AWAY FROM BUILDING FOR A MINIMUM 10', U.N.O.

6. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) SPECIFICATIONS AND STANDARD DETAILS.

7. A DUST CONTROL PLAN MEETING THE REQUIREMENTS OF RULE 310 OF THE MARICOPA COUNTY AIR POLLUTION CONTROL REGULATIONS, AS AMENDED, IS REQUIRED.

8. A SEPARATE PERMIT IS NECESSARY FOR ANY OFFSITE CONSTRUCTION.

9. 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.

10. 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.

11. ALL STRUCTURES AND LANDSCAPING WITHIN THE SIGHT VISIBILITY TRIANGLE SHALL HAVE A 2 FOOT MAXIMUM HEIGHT.

12. 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 WALLS 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.

13. ALL MATERIAL TO BE UNDER SLABS AND WALKS SHALL BE COMPACTED TO NOT LESS THAN 95% PER ASTM D698. 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 ANY 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-11) 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 MODIFICATIONS 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 ABLE TO BE CONSTRUCTED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AGENT IMMEDIATELY TO BE IN 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 ITS 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. 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.

34. ALL DRAINAGE FACILITIES TO BE MAINTAINED BY HOMEOWNER.

35. 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).

36. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING LAYOUT, DIMENSIONS AND ELEVATIONS.

37. REFER TO STRUCTURAL DRAWINGS, DETAILS AND CALCULATIONS FOR ALL PROPOSED RETAINING WALLS.

38. FOR CHANGE IN ELEVATION THAT ARE GREATER THAN 30", PROVIDE 36" HIGH GUARDRAILS FOR TOTAL OF 42" FILL PROTECTION BARRIER U.N.O.

39. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURE - 5% MIN SLOPE FOR FIRST 10 FEET, U.N.O.

40. ALL UTILITY AND SEWER LINES AND CONNECTIONS MUST BE INSTALLED PER IPC 2012, MAG AND TOWN OF PARADISE VALLEY SUPPLEMENT TO MAG.

41. WATERPROOF ALL EXTERIOR WALLS 18" ABOVE FINISH GRADE - (BITUTHENE @ 3000 HC MEMBRANE W/ GRACE PROTECTION 03 OR APPROVED EQUAL).

42. ALL PIPES AND FITTINGS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND DETAILS.

43. ABANDONMENT OF EXISTING AND INSTALLATION OF NEW SEPTIC SYSTEMS SHALL BE PERFORMED IN ACCORDANCE WITH THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT RULES AND STANDARDS, AND WILL REQUIRE SEPARATE PERMIT.

44. COORDINATE RIPRAP COLOR WITH LANDSCAPE PLANS AND DETAILS.

45. VERIFY AND COORDINATE WITH LANDSCAPE PLANS FINAL LOCATION AND GRATE TYPE OF SPECIFIED AREA DRAINS AND TRENCH DRAINS.

46. VERIFY AND COORDINATE WITH ARCHITECTURAL AND LANDSCAPE PLANS LOCATION AND HEIGHT OF ALL SITE WALLS.

47. DISTURBED AREA: TOTAL ACRES = ____ ACRES < 1 ACRE; NPDES PERMIT IS NOT REQUIRED.

48. REFER TO ARCHITECTURAL PLANS AND DETAILS FOR DEMOLITION AND REMOVAL OF ANY EXISTING BUILDING STRUCTURES, SITE WALLS, POOL AND PAVEMENT ETC.

49. REFER TO GEOTECHNICAL REPORT FOR SPECIFIC RECOMMENDATIONS AND MAXIMUM ALLOWED FILL AND CUT SLOPES.

50. THE SCOPE OF THIS GRADING AND DRAINAGE PLAN COVERS THE PROPOSED MSSC. SITE IMPROVEMENTS AROUND THE EXISTING HOME AND NEW ADDITION. LAND DEVELOPMENT GROUP (LDG) ASSUMES NO RESPONSIBILITY FOR DRAINAGE ISSUES BEYOND THE LIMITS OF THE CONSTRUCTION WORK PROPOSED HEREIN.

51. ON-SITE RETENTION IS PROVIDED FOR THE ____.

	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
	SIGN
	WATER METER
	WATER VALVE
	FIRE HYDRANT
	ELECTRIC METER
	GAS VALVE
	TELEPHONE PEDESTAL
	CABLE TV RISER
	CATV, PHONE
	SEWER LINE
	WATER LINE
	ELECTRIC LINE
	COMMUNICATIONS LINE
	FENCE
	EXISTING CONTOUR
	EXIST. DRAINAGE FLOW
	EXIST. SPOT ELEVATION
	PALO VERDE
	MESQUITE TREE
	EXISTING DISTURBED AREA
	PROPOSED DISTURBED AREA
	FLOW LINE
	DRAINAGE FLOW ARROW
	PROPOSED SPOT ELEVATION
	PROPOSED CONTOUR
	TOP OF RAILING/NON-RET. WALL
	TOP OF RETAINING WALL
	FINISH GRADE
	TOP OF FOOTING
	FINISH GRADE AT BOTTOM OF WALL
	CATCH BASIN
	STORM DRAIN PIPE
	HISTORIC NATURAL GRADES PER FDCM&C COP AERIAL TOPOGRAPHY
	RETAINING WALL/AGAINST BUILDING
	EXTENDED BUILDING STEEM WALL
	REVEGETATED AREA

BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
BW	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
FL	FLOW LINE
FND	FOUND
G	GUTTER, GAS
INV	INVERT
MAG	MARICOPA ASSOCIATION OF GOVERNMENTS
(M)	MEASURED
MCR	MARICOPA COUNTY RECORDER
	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
TG	TOP OF GRATE
TF	TOP OF FOOTING
TR	TOP OF RAILING
TRW	TOP OF RETAINING WALL
TW	TOP OF WALL
WM	WATER METER

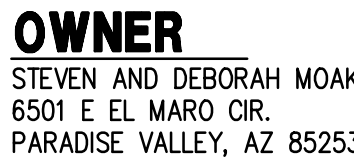
AREA OF LOT:	44,998 S.F. (1,033 AC)
TOTAL FLOOR AREA:	9,778 S.F.
FLOOR AREA RATIO: (TOTAL FLOOR AREA/AREA OF LOT)	21.7% < 25%
BUILDING PAD SLOPE:	38.7%
VERTICAL:	43'
HORIZONTAL:	111'
ALLOWABLE NET DISTURBED AREA:	4,499 S.F. (10.0%)
GROSS EXISTING DISTURBED AREA:	0 S.F.
GROSS PROPOSED DISTURBED AREA:	18,429 S.F.
LESS TEMPORARY AREAS OF DISTURBANCE TO BE RESTORED AND REVEGETATED:	1,184 S.F.
LESS 25% OF PROP. PAVERS D/W (2,361 S.F.)	590 S.F.
<u>LESS PROPOSED FOOTPRINT AREA:</u>	<u>7,327 S.F.</u>
PROPOSED NET DISTURBED AREA:	9,328 S.F. > 4,499 S.F.

YARD OF CUT+FILL:
ALL QUANTITIES LISTED ON THESE
THE CONTRACTOR SHALL MAKE THE
QUANTITIES AND BASE THEIR BIDS

1. EXCAVATION AND GRADING OF THIS SITE IS CLASSIFIED AS "ENGINEERED GRADING" PER 2015 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.C. 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.

MAXIMUM PARTICLE SIZE	6 INCHES
PERCENT PASSING NO. 4 SIEVE	25% MAX.
PERCENT PASSING NO. 200 SIEVE	35% 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: ALL MATERIAL MUST BE PLACED ON LEVELLED 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 $\pm$ 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 CONTRACT BY THE DEVELOPER. SHALL NOTIFY THE ADJOINING PROPERTY OWNER OF ANY WORKING 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.
10. NO CERTIFICATE OF OCCUPANCY SHALL BE ISSUED UNTIL ALL HILLSIDE STIPULATIONS AND ALL TOWN REQUIREMENTS ARE COMPLIED INCLUDING, BUT NOT LIMITED TO LANDSCAPING, GROUND RESTORATION, FIRE FLOW, FIRE SAFETY AND ALL ONSITE AND OFFSITE IMPROVEMENTS.
11. ALL OUTDOOR LIGHTING SHALL BE IN CONFORMANCE WITH ARTICLE XXII OF THE TOWN ZONING ORDINANCE.
12. ALL EXCESS FILL MATERIAL SHALL BE REMOVED FROM THE SITE WITH NO NEW SILL SLOPES.
13. 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.
14. CONSTRUCTION STAKING AND/OFF FENCING SHALL BE PLACED AROUND THE CONSTRUCTION SITE SO AS TO PROTECT THE UNDISTURBED NATURAL AREAS.

SHEET C-1 - COVER SHEET
SHEET C-2 - GRADING & DRAINAGE PLAN



APN: 169-06-099
ADDRESS: 5211 E CHENEY DR.
PARADISE VALLEY, AZ 85253
ZONING: R-43
LOT AREA: 44,998 S.F (1.033 AC.)
CONSTRUCTION YEAR: VACANT LAND

LOT 11, OF REPLAT OF MONTANA DE BONITAS CASAS, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF MARICOPA COUNTY, ARIZONA, RECORDED IN BOOK 221 OF MAPS, PAGE 11 AND THEREAFTER REPLATTED IN BOOK 266 OF MAPS, PAGE 25.

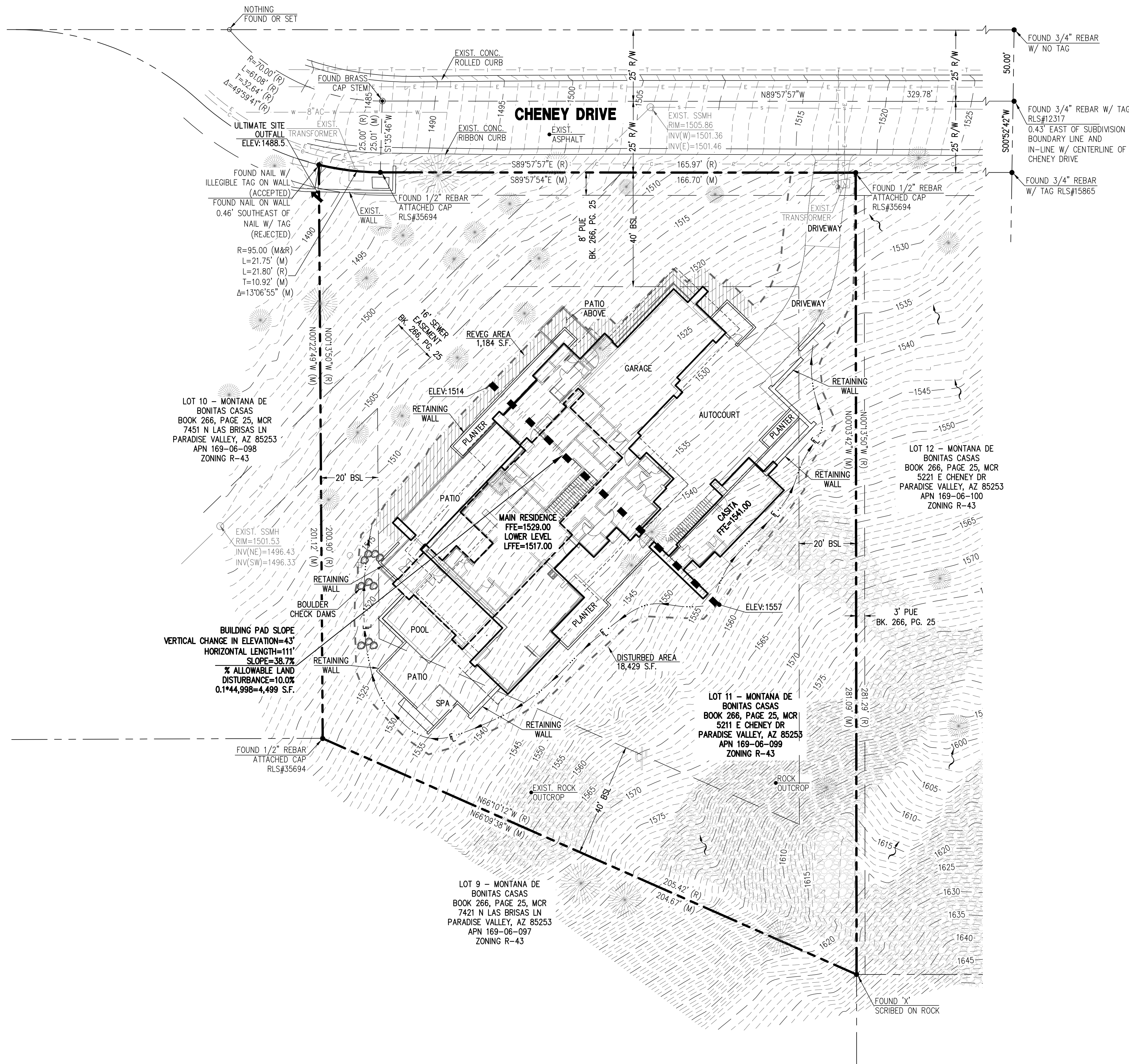
THE MONUMENT LINE OF CHENEY DRIVE, THE BEARING OF WHICH IS N89°57'57"W.

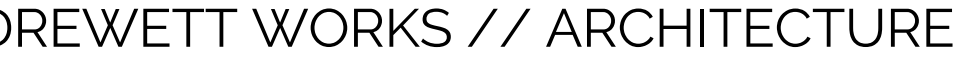
ALUMINUM CAP IN HAND HOLE BEING THE NORTH 1/4 CORNER OF SECTION 5, T2N,R4E HAVING AN ELEVATION OF 1397.343 TOWN OF PARADISE VALLEY (NAVD 88) DATUM, GDACS# 24502-1M.

COMMUNITY # 040049	PANEL # 1765 OF 4425	SUFFIX L	BASED FLOOD ELEVATION N/A
MAP # 04013C	PANEL DATE 10/16/2013	ZONE X*	

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

TOWN ENGINEER
TOWN OF PARADISE VALLEY





3211 E CHILNET DRIVE
PARADISE VALLEY, AZ 85253

OWNER

STEVEN & DEBORAH MOAK

DESIGN

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

CONSULTANTS

STRUCTURAL ENGINEER
PH STRUCTURAL

CIVIL ENGINEER

LAND DEVELOPMENT GROUP

LANDSCAPE ARCHITECT
GREEY/PICKETT

GENERAL CONTRACTOR

SONORA WEST DEVELOPMENT

ZONING

R-43

APN

169-06-099

LEGAL ADDRESS

5221 E CHENEY DRIVE
PARADISE VALLEY, AZ 85253

NET SITE AREA

44,991SF

FOR : VARIANCE

DATE : 5-30-2017

REV

ARCHITECTURAL SITE PLAN

1/16" = 1'-0'

PROJECT NARRATIVE: NEW TWO-STORY, CONTEMPORARY RESIDENCE WITH MAIN LEVEL 4-CAR GARAGES. TWO BEDROOMS ON MAIN LEVEL AND TWO BEDROOMS ON LOWER LEVEL WALK-OUT MEDIA ROOM. PROPOSED HOME WILL HAVE A SEMI-DETACHED CASITA ON THE SOUTH SIDE OF AUTOCOURT. PROPOSED ACCESS TO THE SITE IS FROM E. CHENEY DRIVE TO THE NORTH

SITE PLAN

DR201

15-39





DREWETT WORKS // ARCHITECTURE

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



5211 E CHENEY DRIVE
PARADISE VALLEY, AZ 85253

5211 E CHENEY DRIVE ~ LOT 11



PROPOSED GROSS DISTURBANCE:	18,429SF
PROPOSED NET DISTURBANCE	9,832SF
GROSS DISTURBANCE:	31,197SF
MAXIMUM NET DISTURBANCE: (based upon 38% slope of MIN 5.2 acre lot per HILLSIDE ORDINANCE, TABLE 2):	22,600SF

ZONING	R-43
APN	169-06-099
LEGAL ADDRESS	5211 E CHENEY DRIVE PARADISE VALLEY, AZ 85253
NET SITE AREA	44,991SF

FOR	VARIANCE
DATE	5-30-2017
REV.	

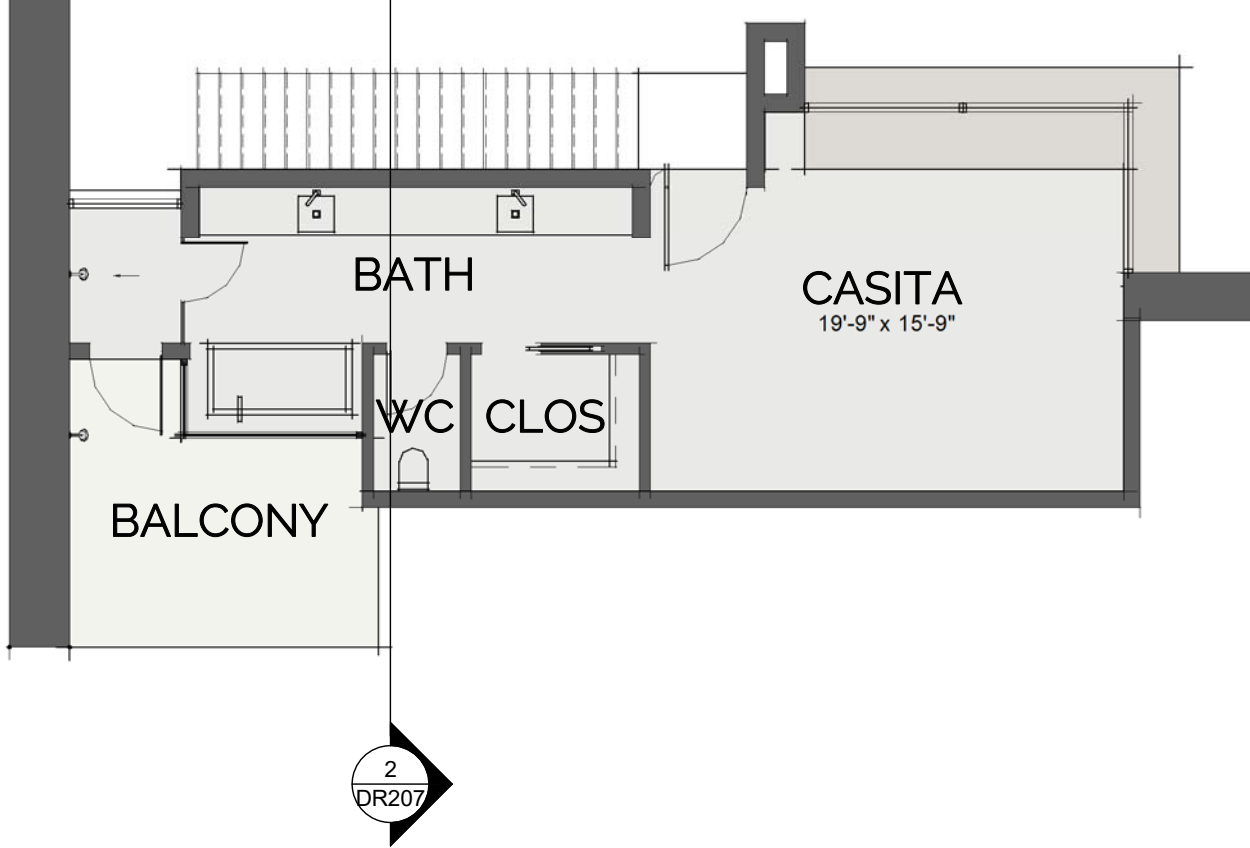
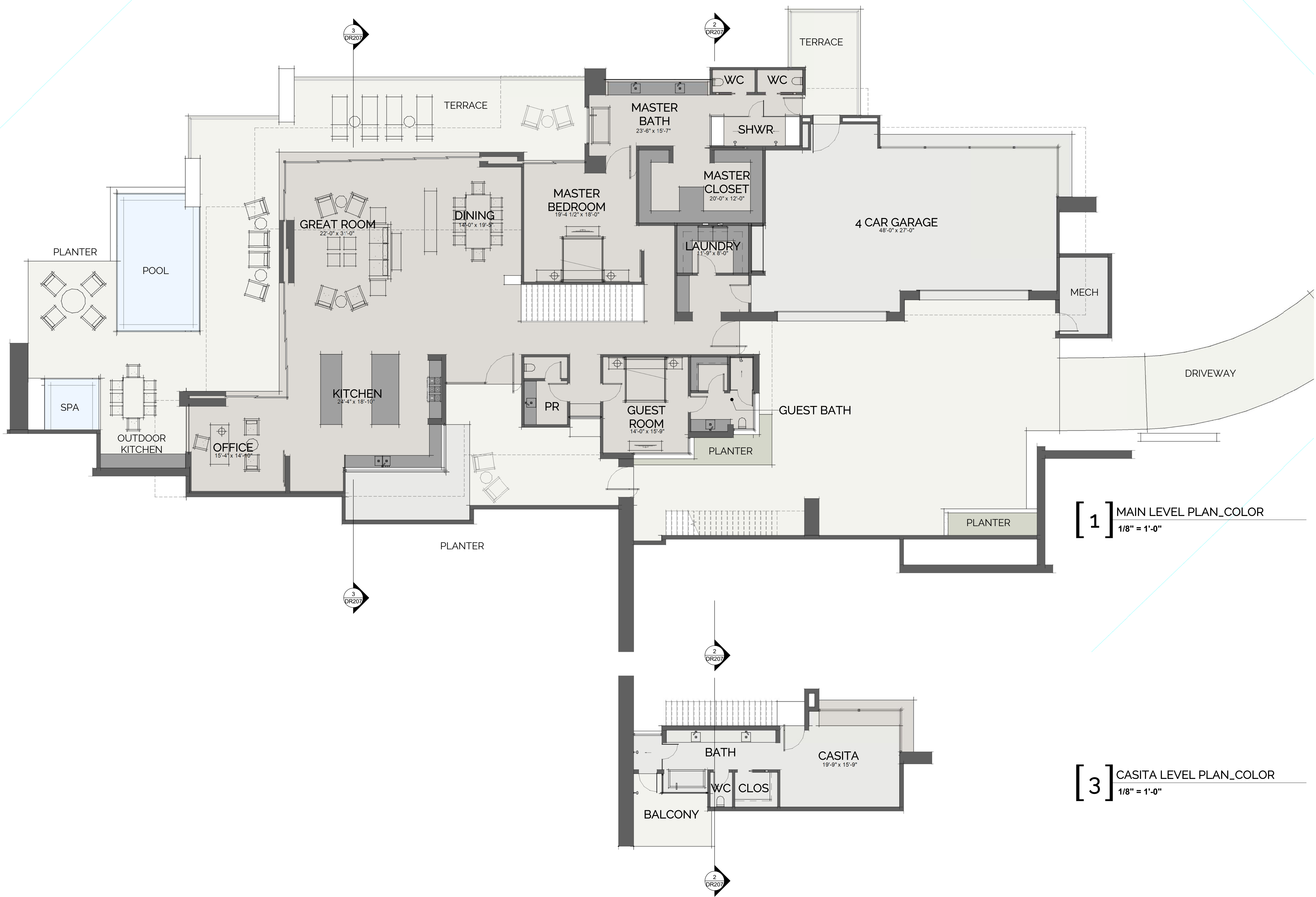
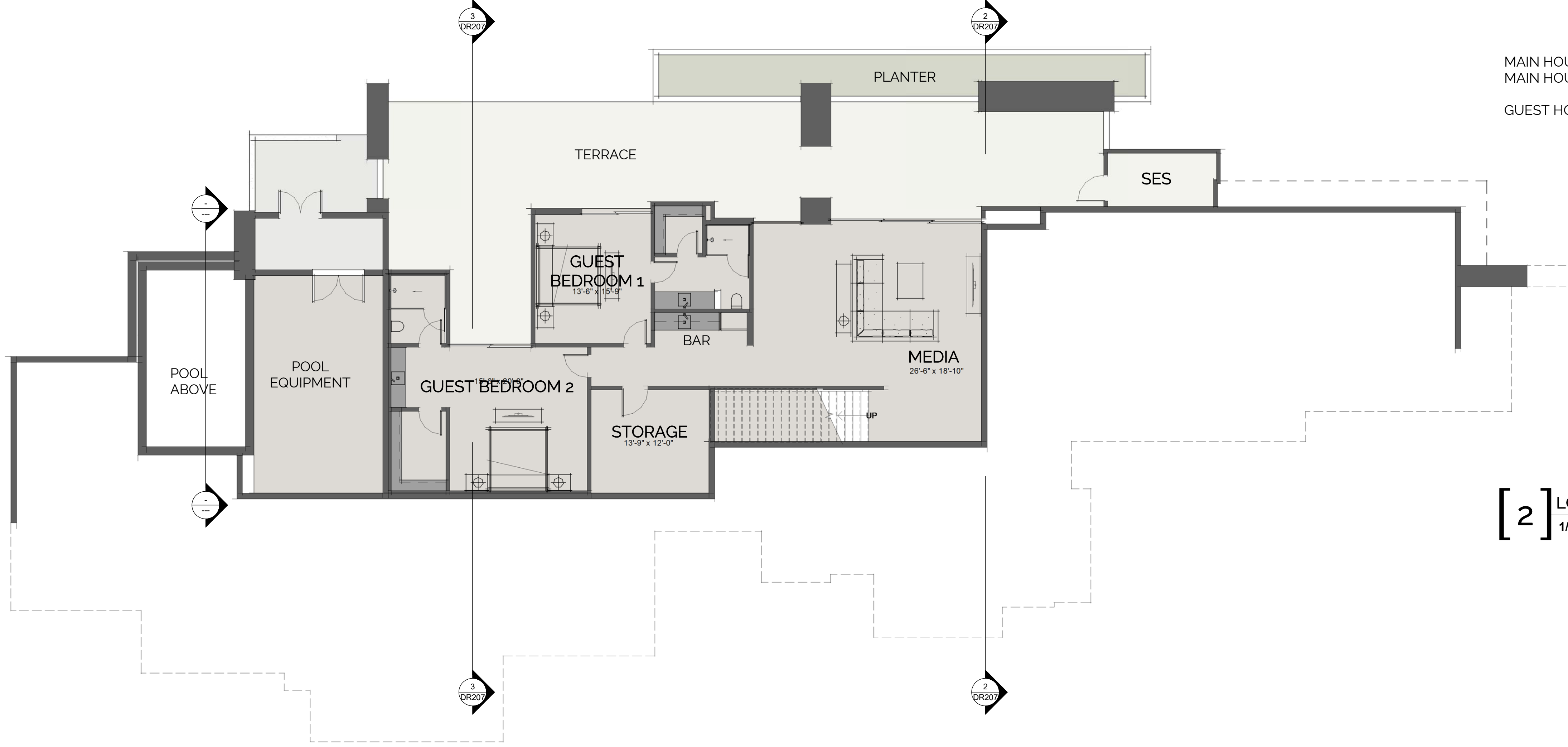
[1] ARCHITECTURAL SITE PLAN_ALTERNATE
1/16" = 1'-0"

THIS EXHIBIT IS A VISUAL COMPARISON BETWEEN WHAT DISTURBANCE IS BEING PROPOSED AND WHAT PORTION OF THE LOT COULD BE DISTURBED BASED UPON THE MINIMUM LOT SIZE FOR THE 38% SLOPE CATEGORY.



Expires: 12/31/2019

DR201a



MAIN HOUSE LIVABLE 6,113 SF
MAIN HOUSE GARAGE/STORAGE 2,025 SF
GUEST HOUSE LIVABLE 590 SF



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5211 E CHENEY DRIVE
PARADISE VALLEY, AZ 85535

5211 E CHENEY DRIVE ~ LOT 11

FOR	VARIANCE
DATE	5-30-2017
REV.	



FLOOR PLANS

DR202



DREWETT WORKS // ARCHITECTURE

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5211 E CHENEY DRIVE
PARADISE VALLEY, AZ 85535

5211 E CHENEY DRIVE ~ LOT 11

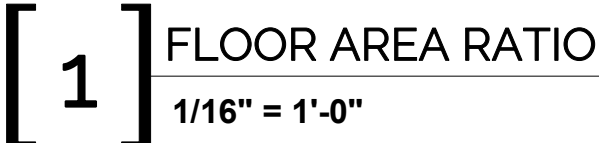
FOR	VARIANCE
DATE	5-30-2017
REV.	

AERIAL PHOTO



DR205





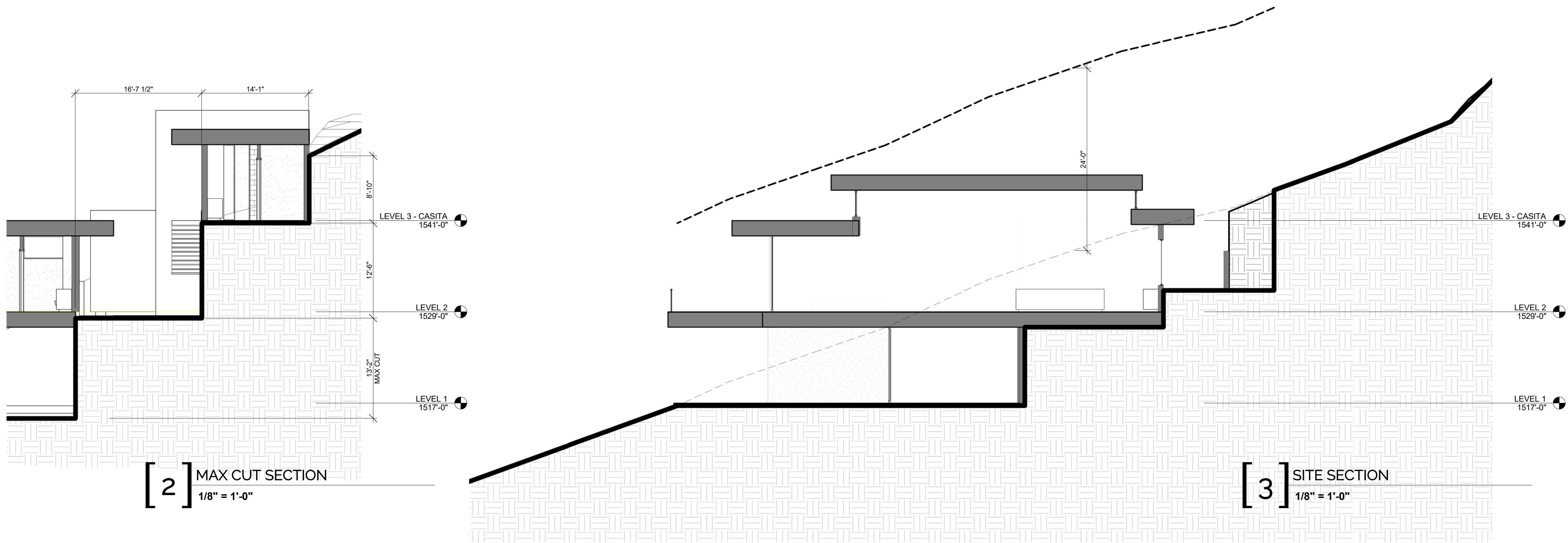


DREWETT WORKS // ARCHITECTURE

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5211 E CHENEY DRIVE
PARADISE VALLEY, AZ 85535



FOR	VARIANCE
DATE	5-30-2017
REV.	

SITE SECTIONS



DR207

5211 E CHENEY DRIVE ~ LOT 11



[1] NORTH ELEVATION
1/8" = 1'-0"



DREWETT WORKS // ARCHITECTURE

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5211 E CHENEY DRIVE
PARADISE VALLEY, AZ 85535

5211 E CHENEY DRIVE ~ LOT 11

FOR	VARIANCE
DATE	6-30-2017
REV.	



NOT FOR CONSTRUCTION

ELEVATIONS

DR208



[1] WEST ELEVATION
1/8" = 1'-0"



[2] EAST ELEVATION
1/8" = 1'-0"



[3] SOUTH ELEVATION
1/8" = 1'-0"

FOR	VARIANCE
DATE	5-30-2017
REV.	



ELEVATIONS

DR209



DW

DREWETT WORKS // ARCHITECTURE

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

5211 E CHENEY DRIVE
PARADISE VALLEY, AZ 85353

5211 E CHENEY DRIVE ~ LOT 11

FOR	VARIANCE
DATE	6-30-2017
REV.	



DR210