

GENERAL NOTES

- THESE NOTES ARE TO BE USED FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, APPROVED ADDENDA, AND CHANGE ORDERS ASSOCIATED WITH THESE LANDSCAPE IMPROVEMENT DOCUMENTS.
- A QUALIFIED SUPERVISOR SHALL BE PRESENT ON SITE AT ALL TIMES DURING CONSTRUCTION.
- BEFORE WORK BEGINS ON THE PROJECT, THE LANDSCAPE AND GENERAL CONTRACTORS SHALL REVIEW THIS PROJECT WITH THE LANDSCAPE ARCHITECT/OWNER'S REPRESENTATIVE IN A PRECONSTRUCTION MEETING PRIOR TO STARTING WORK. THE LANDSCAPE ARCHITECT AND/OR OWNER IS TO APPROVE ANY CHANGES PRIOR TO THE START OF WORK. CONSTRUCTION SHALL NOT BEGIN WORK PRIOR TO THE PRECONSTRUCTION MEETING AND WRITTEN AUTHORIZATION TO PROCEED IS ISSUED BY THE OWNER.
- THE LANDSCAPE CONTRACTOR SHALL INSPECT WITH THE LANDSCAPE ARCHITECT OR OWNER'S AUTHORIZED REPRESENTATIVE AND/OR OWNER ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE AT THEIR OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL, OR OTHER ITEMS DESTROYED DURING CONSTRUCTION. LIKEWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR REPLACING ANY AND ALL DAMAGES TO ADJACENT PROPERTIES OR ANY OTHER AREA OUTSIDE THE CONTRACT LIMITS. THE DAMAGED ITEMS/AREAS WILL BE RESTORED TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND/OR OWNER.
- A PRE-GRADING INSPECTION IS REQUIRED BEFORE ANY GRADING WORK COMMENCES. ALL PROTECTED PLANTS ARE TO BE MOVED TO THE DESIGNATED NURSERY AREA AND THE LANDSCAPE ARCHITECT WILL BE CALLED FOR A PRE-GRADING INSPECTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND TO CROSS-CHECK DETAILS AND DIMENSIONS SHOWN ON THE DRAWINGS WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DRAWINGS. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO STARTING WORK.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL PLANT MATERIAL LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE LOCATIONS OF EXISTING AND FUTURE UNDERGROUND PRIOR TO THE START OF WORK. ALL UNDERGROUND UTILITIES ARE TO BE LOCATED AND PROTECTED. SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH THE WORK TO BE DONE. CONTRACTOR IS RESPONSIBLE FOR THE INITIAL CALL AND FUTURE UPDATES TO BLUE STAKES AT (800) STAKE IT (800.782.5348) OUTSIDE OF MARICOPA COUNTY.
- UNLESS OTHERWISE NOTED ON PLANS, DECOMPOSED GRANITE SHALL EXTEND UNDER SHRUBS AND BE RAKED UNIFORMLY ALONG WALKS, SIDEWALKS, AND CURBS.
- LANDSCAPE CONTRACTOR SHALL PROVIDE BARRICADES AND TRAFFIC CONTROL ALONG PUBLIC STREETS IF REQUIRED DURING CONSTRUCTION.
- IN ALL CASES WHERE A CONFLICT MAY OCCUR, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED AND WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.
- PRIOR TO THE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY CONSTRUCTION AND SHALL BE RESPONSIBLE FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND SHALL NOTIFY ALL UTILITY COMPANIES WITH UTILITIES ON THE SITE PRIOR TO THE CONSTRUCTION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS OR REGULATION PERTAINING TO THE PROJECT.
- ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO LOCAL CODES.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
- THE PROJECT LIMITS OF CONSTRUCTION SHALL BE FENCED OFF FROM SURROUNDING NATIVE VEGETATION. FENCE LOCATIONS TO BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S AUTHORIZED REPRESENTATIVE.
- ALL EXISTING VEGETATION, WEEDS, DEBRIS, ETC. SHALL BE REMOVED FROM THE PROJECT LIMITS OF CONSTRUCTION AND PROPERLY DISPOSED OF OFFSITE AT THE CONTRACTOR'S EXPENSE.
- IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
- REFER TO SPECIFIC NOTES AND LANDSCAPE NOTES FOR ADDITIONAL REQUIREMENTS.
- WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT.
- CONTRACTOR SHALL REFERENCE CIVIL ENGINEERING DRAWINGS FOR GRADING AND DRAINAGE FLOWS AND SHALL BE RESPONSIBLE FOR MAINTAINING THESE FLOWS FREE OF OBSTRUCTIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING ALL AREAS AT THE DIRECTION OF THE LANDSCAPE ARCHITECT AND/OR OWNER'S AUTHORIZED REPRESENTATIVE SO THAT ALL AREAS ARE SMOOTH AND APPEAR NATURAL.
- INSTALLATION OF SLEEVES SHALL BE COMPLETE PRIOR TO THE START OF ANY CONCRETE WORK.
- ALL AREAS TO BE DISTURBED BY CONSTRUCTION, INCLUDING ANY AREAS DISTURBED BEYOND WHAT IS SHOWN ON PLANS, SHALL BE REPLANTED AS INDICATED ON THESE PLANS OR TO EXISTING CONDITIONS AT START OF PROJECT. AT ALL TIMES THE PLANTS INSTALLED IN ALL AREAS ARE TO MATCH THE SURROUNDING AREA IN DENSITY AND PLANT TYPE.
- CLARIFICATION OF DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND THE SITE SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IMMEDIATELY.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY QUANTITIES INCLUDING TREES, SHRUBS, GROUNDCOVERS, DECOMPOSED GRANITE, MULCH AND OTHER ITEMS SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF MAJOR DISCREPANCIES. IN CASE OF DISCREPANCY BETWEEN THE NUMBER OF PLANTS INDICATED ON THE PLANT LIST, THE DRAWINGS SHALL GOVERN.
- NO PLANT SUBSTITUTIONS, TYPE OR QUANTITY DEVIATION FROM THE APPROVED LANDSCAPE OR IRRIGATION PLANS WITHOUT PERMISSION FROM THE LANDSCAPE ARCHITECT OR CLIENT. PLANT MATERIALS SPECIFIED SHALL BE SUBJECT TO HAND SELECTION BY THE LANDSCAPE ARCHITECT AT THE NURSERY. LANDSCAPE ARCHITECT MAY OPT TO WAIVE THIS SELECTION PROCESS. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE.
- SUBSTITUTIONS SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT OR OWNER.
- ALL R.O.W. PLANT MATERIAL TO BE IN COMPLIANCE WITH THE ARIZONA DEPARTMENT OF WATER RESOURCES LOW WATER USE PLANT LIST.
- THE SUBCONTRACTOR SHALL MARK AND CONFIRM LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION. CONFLICTS SHALL BE REPORTED TO THE LANDSCAPE DESIGNER FOR RESOLUTION. CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY COVER, BOXES, LIDS AND MANHOLES IN AN EXPOSED CONDITION.
- ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS SET FORTH IN THE AMERICAN STANDARDS OF NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND BY THE AMERICAN ASSOCIATION OF RECOMMENDED TREE SPECIFICATIONS.
- LOCATE PLANTS AWAY FROM SPRINKLER HEADS, LIGHT FIXTURES AND OTHER OBSTRUCTIONS.
- ALL PLANT MATERIAL MUST BE MAINTAINED IN HEALTH AND VISOR, AND BE ALLOWED TO ATTAIN NATURAL SIZE AND SHAPE IN ACCORDANCE WITH A.N.A. SPECIFICATIONS.
- PLANT TREES AND SHRUBS PLUMB AND FACED TO GIVE THE BEST APPEARANCE OR RELATIONSHIP TO ADJACENT PLANTS, STRUCTURES, AND VIEWS.
- ALL PLANTING AREAS SHALL RECEIVE WEED CONTROL/PRE-EMERGENT PER THE GUIDELINES SET FORTH WITHIN THE SPECIFICATIONS.
- THE CONTRACTOR SHALL REQUEST INSPECTION OF PLANT LAYOUT IN THE FIELD BY THE LANDSCAPE DESIGNER A MINIMUM OF 48 HOURS IN ADVANCE FOR APPROVAL UNLESS OTHERWISE AGREED UPON.
- WATER TEST ALL TREE PLANTING HOLES PRIOR TO PLANTING. IF TREE HOLE DOES NOT DRAIN WITHIN A 48 HOUR PERIOD, REFER TO HARDPAN DETAIL.
- SEE DETAILS FOR PLANTING BACK FILL MIX.
- ALL TOP SOIL MIXTURES FOR PLANTS SHALL BE FREE OF GRASS AND NOXIOUS WEEDS. SEE SECTION 795 OF THE M.A.G. SPECIFICATION.
- PLANTING AND IRRIGATION DESIGN MAY BE MODIFIED TO ADAPT TO WALK CONFIGURATIONS THAT DIFFER FROM THESE PLANS OR BECAUSE OF GRADE LIMITATIONS ON SITE. CONTACT LANDSCAPE ARCHITECT FOR DIRECTION.
- SHRUBS AND GROUNDCOVER SHALL BE PLANTED A MINIMUM OF 3' AWAY FROM THE EDGE OF WALKS, WALLS, BUILDINGS AND CURBS UNLESS OTHERWISE NOTED.
- MAINTAIN 5' RADIUS CLEARANCE OF CACTI FROM ALL PEDESTRIAN ROUTES UNLESS OTHERWISE NOTED.
- MAINTAIN 5' RADIUS CLEARANCE OF PLANT MATERIAL FROM ALL FIRE HYDRANTS AND/OR FIRE DEPARTMENT CONNECTIONS ON SITE.
- SIGHT DISTANCE TRIANGLES SHALL BE CLEAR OF LANDSCAPING AND OTHER VISIBILITY OBSTRUCTIONS OVER 3' IN HEIGHT.
- THE CONTRACTOR SHALL PROVIDE THE LANDSCAPE ARCHITECT WITH A LETTER CERTIFYING THE CHEMICAL, DATE AND RATE OF APPLICATION FOR BOTH WEED KILLER AND PRE-EMERGENT.

- LANDSCAPE AREAS NOT OTHERWISE COVERED BY TURF, PAVING OR BUILDINGS SHALL BE DECOMPOSED GRANITE- 2" DEPTH UNLESS OTHERWISE NOTED. FINISH GRADE SHALL BE 2" BELOW ADJACENT PAVEMENT PRIOR TO INSTALLATION OF D.G. DIFFERENCE BETWEEN TOP OF PAVED AREAS AND/OR TURF SHALL BE 12". LANDSCAPE CONTRACTOR TO SUBMIT 5 LB SAMPLE BAGS OF DECOMPOSED GRANITE TO LANDSCAPE ARCHITECT FOR APPROVAL.
- NO PRE-EMERGENT SHALL BE APPLIED TO AREAS RECEIVING SEED MIX.
- AREAS OF DECOMPOSED GRANITE SHALL NOT EXCEED MORE THAN 7 FEET IN ANY DIRECTION WITHOUT PLANT MATERIAL UNLESS OTHERWISE NOTED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- ALL DEBRIS OF 1" DIAMETER SIZE OR LARGER SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF PRIOR TO THE PLACEMENT OF DECOMPOSED GRANITE - WITH THE EXCEPTION OF ANY AREAS RECEIVING LARGER SIZE COBBLE. SEE PLANS FOR LOCATIONS. RETAIN FOR RE-USE ANY UNEARTHED BOULDERS.
- ALL REVEGETATED PLANTING AREAS AND ANY DISTURBED AREA, INCLUDING ALL SEED MIX AREAS SHALL RECEIVE A FINE GRADE OF NATIVE SOIL AND COBBLE TO REPRESENT THE NATIVE TOPDRESS ADJACENT TO THE PROJECT - REFER TO PLANTING DETAILS. FINAL PRODUCT SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
- GROUNDCOVER, DECOMPOSED GRANITE AND/OR NATIVE TOPDRESS SHALL EXTEND UNDER SHRUBS UNLESS OTHERWISE NOTED ON PLANS.
- ALL TREES SHALL BE INSTALLED PRIOR TO INSTALLATION OF RIP-RAP.
- SEE ELECTRICAL AND/OR LOW VOLTAGE LIGHTING PLANS FOR LOCATIONS OF LIGHTING AND ELECTRICAL ITEMS.
- ALL NEW PLANTING SHALL BE INSTALLED SO AS TO MATCH THE EXISTING NATIVE SPECIES AND DENSITIES ADJACENT TO THE AREA OF REVEGETATION - NOT USED.
- PROTECTED MATERIAL SALVAGED FROM SITE THAT DOES NOT SURVIVE THE SALVAGE PROCESS, OR DIES WITHIN THE FIRST TWO YEARS AFTER TRANSPLANT, SHALL BE REPLACED BY THE LANDSCAPE CONTRACTOR IN LIKE KIND AND SIZE.
- SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION, SALVAGE TREE DESIGNATIONS/LOCATIONS MAY BE ADJUSTED BASED ON SALVAGE MATERIAL CONDITION AFTER SALVAGE PROCESS IS COMPLETE.
- FINISH GRADE IN ALL AREAS SHALL BE SMOOTH, EVEN AND 1/2" BELOW TOP OF CURBS, PAVING AND ADJACENT WALKS.
- WHEN BOXED TREES ARE INSTALLED, THE BOTTOM OF THE TREE BOXES SHALL NOT BE REMOVED UPON PLANTING. THE SOIL LINE OF THE PLANTED TREE SHALL MATCH THE SURROUNDING FINISH GRADE. ACID ETCH AS REQUIRED IMPERVIOUS SOILS AT TREE LOCATIONS TO ENSURE PLANT HEALTH.
- A TEMPORARY NURSERY LOCATION SHALL BE ESTABLISHED ON SITE OR OFF-SITE FOR SALVAGE MATERIALS, CONTRACTOR SHALL PROVIDE TEMPORARY IRRIGATION TO SALVAGED MATERIAL IN NURSERY.
- NEW LANDSCAPING, SALVAGED PLANT MATERIAL AND LANDSCAPING INDICATED TO REMAIN WHICH IS DESTROYED, DAMAGED OR EXPIRES DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE SIZE, KIND AND QUANTITY PRIOR TO THE ACCEPTANCE OF THE WORK AND FINAL PAYMENT.
- THE LANDSCAPE CONTRACTOR SHALL PROVIDE A (1) YEAR WARRANTY ON THE IRRIGATION SYSTEM, A (1) YEAR WARRANTY ON ALL TREES, CACTI AND PLANT MATERIAL.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ENTIRE PROJECT FOR A MAINTENANCE PERIOD OF 90 DAYS AFTER ACCEPTANCE OF WORK BY THE OWNER. UPON COMPLETION OF THE MAINTENANCE PERIOD THE OWNER WILL ASSUME MAINTENANCE RESPONSIBILITIES.
- WHERE RIP-RAP IS REQUIRED AND THE SLOPE WILL HOLD IT, AN APPROVED PLANTING SOIL SHALL BE ADDED ON TOP OF THE RIP-RAP A MINIMUM OF EIGHT INCHES IN DEPTH. THE PLANTING DENSITIES IN THESE AREAS SHALL BE CONSISTENT WITH ALL OTHER AREAS AND THE ORDINANCE.
- ALL RIP-RAP SHALL BE SALVAGED FROM SITE OR A COLOR CONSISTENT WITH ROCK FOUND ON SITE. RIVER ROCK SHALL NOT BE ALLOWED, UNLESS OTHERWISE NOTED.
- ALL IRRIGATION LINES SHALL BE INSTALLED AND PRESSURE TESTED PRIOR TO THE INSTALLATION OF RIP-RAP.
- COBBLE SHALL BE INSTALLED IN THOSE AREAS DEEMED APPROPRIATE BY THE CIVIL ENGINEER.
- PLANTING AREAS SHALL BE WATERED WITH AN AUTOMATIC DRIP IRRIGATION SYSTEM.
- ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS SET FORTH IN THE AMERICAN STANDARDS OF NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND BY THE AMERICAN ASSOCIATION OF RECOMMENDED TREE SPECIFICATIONS.
- ALL AREAS TO BE DISTURBED BY CONSTRUCTION, INCLUDING ANY AREAS DISTURBED BEYOND WHAT IS SHOWN ON PLANS, SHALL BE REPLANTED AS INDICATED ON THESE PLANS. AT ALL TIMES THE PLANTS INSTALLED IN ALL AREAS ARE TO MATCH THE SURROUNDING AREA IN DENSITY AND PLANT TYPE.
- PLANTING AREAS SHALL BE WATERED WITH AN AUTOMATIC DRIP IRRIGATION SYSTEM.
- THE SUBCONTRACTOR SHALL MARK AND CONFIRM LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION. CONFLICTS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR RESOLUTION. CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY COVER, BOXES, LIDS AND MANHOLES IN AN EXPOSED CONDITION.

GENERAL HILLSIDE NOTES

- 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.
- ALL OUTDOOR LIGHTING SHALL BE IN CONFORMANCE WITH ARTICLE XXII OF THE TOWN ZONING ORDINANCE.
- ALL EXCESS FILL MATERIAL SHALL BE REMOVED FROM THE SITE WITH NO NEW SPILL SLOPES.
- THE USE OF HYDRAULIC RAM HAMMERS, OR OTHER HEAVY EQUIPMENT USED TO CUT THROUGH ROCK, INCLUDING MACHINERY WITH AUDIBLE HOURS OF 7:00AM OR SUNRISE, WHICHEVER IS LATER AND 8:00PM OR SUNSET, WHICHEVER IS EARLIER, MONDAY THROUGH FRIDAY, WITH LIMITED WORK ON SATURDAY AND NO WORK ON SUNDAY OR LEGAL HOLIDAYS.
- CONSTRUCTION STAKING AND/OR FENCING SHALL BE PLACED AROUND THE CONSTRUCTION SITE SO AS TO PROTECT THE UNDISTURBED NATURAL AREAS CONSTRUCTION FENCE SHALL BE 6" HIGH CHAIN LINK FENCE, CONSTRUCTION FENCE HAS BEEN INSTALLED. FENCE TO BE APPROVED BY TOWN ENGINEER PRIOR TO ANY CONSTRUCTION ON THIS SITE.
- CONSTRUCTION BASE AND SURFACE MATERIAL PER ARCHITECT SPECIFICATIONS (SEE BUILDING PLANS).
- EXCAVATION AND BACKFILL BENEATH THE BUILDING PAD SHALL CONFORM TO M.A.G. SPECIFICATIONS SECTION 206.
- SEWER TRENCH, WATER TRENCH, AND AREAS ADJACENT TO CUT SLOPES, BUILDINGS, CURBS AND WALLS NOT SHOWN AS DISTURBED ARE TO BE REPAIRED TO APPEAR AS ORIGINAL GROUND AND TO BE COLOR TREATED AND REPLANTED.
- PROVIDE WATER PRESSURE TO MEET P.V. FIRE SAFETY STANDARDS (1500GPM).
- SEE LANDSCAPE PLAN FOR NATIVE PLANT INVENTORY AND DISPOSITION.
- ALL CUT AND SPILL SLOPES TO BE TREATED WITH AN AGING AGENT AND/OR SEED MIX.

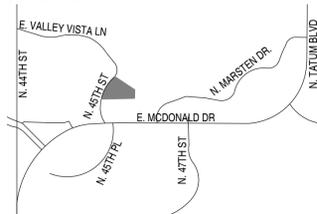
ENGINEERS NOTES

- A THOROUGH ATTEMPT HAS BEEN MADE TO SHOW THE LOCATIONS OF ALL UNDERGROUND OBSTRUCTIONS AND UTILITY LINES IN THE WORK AREA. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO OBSTRUCTIONS AND UTILITY LINES ENCOUNTERED DURING CONSTRUCTION AND SHALL DETERMINE THE EXACT LOCATION OF UTILITIES IN THE AREA IN ADVANCE OF TRENCHING.
- PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE TO THE ACTUAL CONDITIONS, EARTHWORK QUANTITIES, AND REQUIREMENTS OF WORK AND EXCESS OR DEFICIENCY IN EARTHWORK QUANTITIES, IF ANY. NO CLAIM SHALL BE MADE AGAINST THE OWNER/DEVELOPER OR ENGINEER FOR ANY EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
- THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO THE VARYING FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE ENGINEER.
- NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND HE WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR TO FIELD VERIFY EXISTING SEWER MANHOLE LOCATIONS AND INVERTS PRIOR TO BEGINNING CONSTRUCTION AND IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCY.
- SEE LANDSCAPE PLANS FOR TOP OF RETAINING WALL ELEVATIONS.
- SEE LANDSCAPE PLANS FOR POOL BARRIER DESIGN, NOTES, AND DETAILS.
- ALL PROPOSED CUT SLOPES TO BE VERIFIED AND APPROVED BY THE OWNERS GEOTECHNICAL ENGINEER PRIOR TO BEGINNING CONSTRUCTION. CIVIL ENGINEER IS NOT RESPONSIBLE FOR TESTING OR VERIFYING CUT SLOPE STABILITY OR DESIGN.

PLANT LEGEND

SYM	BOTANICAL NAME COMMON NAME	SIZE	QTY	NOTES (H X W X CAL.)
	TREES			
	EXISTING TREE	-	-	PROTECT-IN-PLACE
	BAUHINIA LUNARIODES WHITE ORCHID TREE	36" BOX	1	MULTI-TRUNK
	CERCIDIUM MICROPHYLLUM FOOTHILLS PALO VERDE	54" BOX 48" BOX	1 7	MULTI-TRUNK DESERT SALVAGED
	SHRUBS			
	ENCELIA FARINOSA BRITTLEBUSH	1 GAL	32	CAN FULL
	JUSTICIA CALIFORNICA CHUPAROSA	5 GAL	35	CAN FULL
	LARREA TRIDENTATA CREOSOTE	5 GAL	21	CAN FULL
	MUHLENBERGIA DUBIA PINE MUHLY	1 GAL	13	CAN FULL
	ACCENTS			
	SALVAGE CACTI	-	3	REFER TO SALVAGE PLAN
	AGAVE ATTENUATA 'BLUE FLAME' BLUE FLAME AGAVE	5 GAL	11	CAN FULL
	AGAVE PARRYII PARRY'S AGAVE	5 GAL	7	CAN FULL
	AGAVE WEBERI 'ARIZONA STAR' VARIEGATED WEBER AGAVE	5 GAL	2	CAN FULL
	ALOE BARBADENSIS 'YELLOW' YELLOW ALOE	5 GAL	20	CAN FULL
	ALOE X 'BLUE ELF' BLUE ELF ALOE	5 GAL	30	CAN FULL
	ALOE DAWEI DAWE'S ALOE	5 GAL	10	CAN FULL
	CYCAS REVOLUTA SAGO PALM	24 GAL	19	CAN FULL
	DASYLYRIUM WHEELERI DESERT SPOON	15 GAL	27	CAN FULL
	EUPHORBIA MILII CROWN OF THRONES	15 GAL	6	CAN FULL
	EUPHORBIA RESINIFERA MOROCCAN MOUND	24 GAL	38	CAN FULL
	FOQUIERIA SPLENDENS OCOTILLO	24" BOX	8	7 WHIP MIN
	MANFREDA MACULOSA TEXAS TUBEROSE	15 GAL	16	CAN FULL
	OPUNTIA ENGELMANNII ENGELMANN'S PRICKLY PEAR	15 GAL	21	5 PAD MIN.
	OPUNTIA MICRODASYS BUNNY EARS PRICKLY PEAR	15 GAL	15	5 PAD MIN.
	YUCCA PALLIDA PALE LEAF YUCCA	5 GAL	28	CAN FULL
	VINES			
	PARTHENOCISSUS SP. HACIENDA CREEPER	5 GAL	11	CAN FULL
	INERT MATERIALS			
	DESERT PAVEMENT TOP DRESSING @ 2" DEPTH. COLOR: SALVAGED & STOCKPILED FROM SITE			
	SALVAGED LAVA ROCK TOPDRESSING			
	HYDROSEED MIX, SONORAN DESERT NATIVE WILDFLOWER MIX. 1#/2000 SQ. FT. WILDSEED / 602.276.3536			

VICINITY MAP



SHEET INDEX

L0.0	COVER SHEET
L0.1	EXISTING SITE
L0.2	EXISTING SITE PHOTOS
L0.3	INVENTORY/SALVAGE PLAN
L1.0	HILLSIDE DISTURBANCE
L1.1	PROPOSED SITE PLAN w/ AERIAL
L1.2	DEMO PLAN
L1.3	HARDSCAPE PLAN
L1.4	DIMENSION PLAN
L2.0	MODEL VIEWS
L3.0	HARDSCAPE DETAILS
L4.0	LANDSCAPE PLAN
L5.0	LANDSCAPE DETAILS
L6.0	LIGHTING PLAN

LANDSCAPE INVENTORY LIST

#	BOTANICAL NAME	COMMON NAME	PIP, SALVAGE, OR DEMO
01	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
02	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
03	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
04	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
05	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
06	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
07	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
08	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
09	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
10	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
11	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
12	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
13	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
14	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	DEMO
15	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
16	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
17	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP
18	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	DEMO
19	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	DEMO
20	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	S
21	CYCAS REVOLUTA	SAGO PALM (CLUSTER)	S
22	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	DEMO
23	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	DEMO
24	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	DEMO
25	PACHYCEPERUS SCHOTTII	SENITA	S
26	ALOE MACULATA	SOAP ALOE	DEMO
27	HESPERALOE PARVIFLORA	YELLOW HESPERALOE	DEMO
28	FOQUIERIA SPLENDENS	OCOTILLO	PIP
29	LARREA TRIDENTATA	CREOSOTE	PIP
30	LARREA TRIDENTATA	CREOSOTE	PIP
31	LARREA TRIDENTATA	CREOSOTE	PIP
32	LARREA TRIDENTATA	CREOSOTE	PIP
33	LARREA TRIDENTATA	CREOSOTE	PIP
34	LARREA TRIDENTATA	CREOSOTE	PIP
35	LARREA TRIDENTATA	CREOSOTE	PIP
36	LARREA TRIDENTATA	CREOSOTE	PIP
37	LARREA TRIDENTATA	CREOSOTE	PIP
38	LARREA TRIDENTATA	CREOSOTE	PIP
39	LARREA TRIDENTATA	CREOSOTE	PIP
40	LARREA TRIDENTATA	CREOSOTE	PIP
41	LARREA TRIDENTATA	CREOSOTE	PIP
42	LARREA TRIDENTATA	CREOSOTE	PIP
43	LARREA TRIDENTATA	CREOSOTE	PIP
44	LARREA TRIDENTATA	CREOSOTE	PIP
45	LARREA TRIDENTATA	CREOSOTE	PIP
46	LARREA TRIDENTATA	CREOSOTE	PIP
47	LARREA TRIDENTATA	CREOSOTE	PIP
48	LARREA TRIDENTATA	CREOSOTE	PIP
49	LARREA TRIDENTATA	CREOSOTE	PIP
50	LARREA TRIDENTATA	CREOSOTE	PIP
51	LARREA TRIDENTATA	CREOSOTE	PIP
52	LARREA TRIDENTATA	CREOSOTE	PIP
53	LARREA TRIDENTATA	CREOSOTE	PIP
54	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	DEMO
55	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	DEMO
56	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	DEMO
57	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	DEMO
58	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	DEMO
59	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	DEMO
60	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	PIP

PROJECT NARRATIVE

THIS SUBMITTAL INCLUDES LANDSCAPE IMPROVEMENTS FOR THE REAR YARD OF THIS CUSTOM SINGLE FAMILY HOME. THE IMPROVEMENTS INCLUDE A NEW POOL & PATIO, A CUSTOM FIREPLACE, A PERFORATED SCREEN WALL AND LANDSCAPING. PART OF THE EXISTING 6H SITE WALL FENCE WILL BE REPLACED WITH A STEEL PANEL VIEW FENCE.

PROJECT INFORMATION

OWNER	CHRIS THOMPSON 6031 N 45TH ST PARADISE VALLEY, AZ 85253
LANDSCAPE ARCHITECT	COLWELL SHELOR LANDSCAPE ARCHITECTURE 4450 N. 12TH STREET SUITE 104 PHOENIX, AZ 85014
LEGAL DESCRIPTION	LOT 5, CAMELHEAD VISTA TWO, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF MARICOPA COUNTY, ARIZONA, RECORDED IN BOOK 78 OF MAPS, PAGE 24.
ZONING	R-43, HILLSIDE
ASSESSOR PARCEL NUMBER	169-50-005
SITE ADDRESS	6031 N 45TH STREET PARADISE VALLEY, AZ 85253
BENCHMARK	BRASS CAP IN HANDHOLE AT THE INTERSECTION OF MCDONALD DRIVE AND 44TH STREET. GDACS PAINT NO. 24540-1. ELEVATION = 1312.266 FEET (TOWN OF PARADISE VALLEY NAVD 88 DATUM).
LOT AREA	53,047 SQ. FT. = 1.22 ACRES
QUANTITIES	CUT 0 C.Y. FILL 7,614 C.Y. NET 7,614 C.Y. HILLSIDE ASSURANCE @ \$25.00 PER CUBIC YARD = \$190,350.00

REVISIONS

No.	DATE



COLWELL SHELOR LANDSCAPE ARCHITECTURE
 4450 N. 12TH STREET
 SUITE 104
 PHOENIX, AZ 85014
 T: 602.633.2195



THOMPSON RESIDENCE
 6031 N 45TH ST
 PARADISE VALLEY, AZ 85253

FOR	HILLSIDE REVIEW
DATE	11.17.2017
SCALE	AS SHOWN
DRAWN	CGR
JOB	17023

DRAWING
COVER SHEET

SHEET No.

L0.0

APPROVED BY: _____ DATE _____
 PARADISE VALLEY PLANNER

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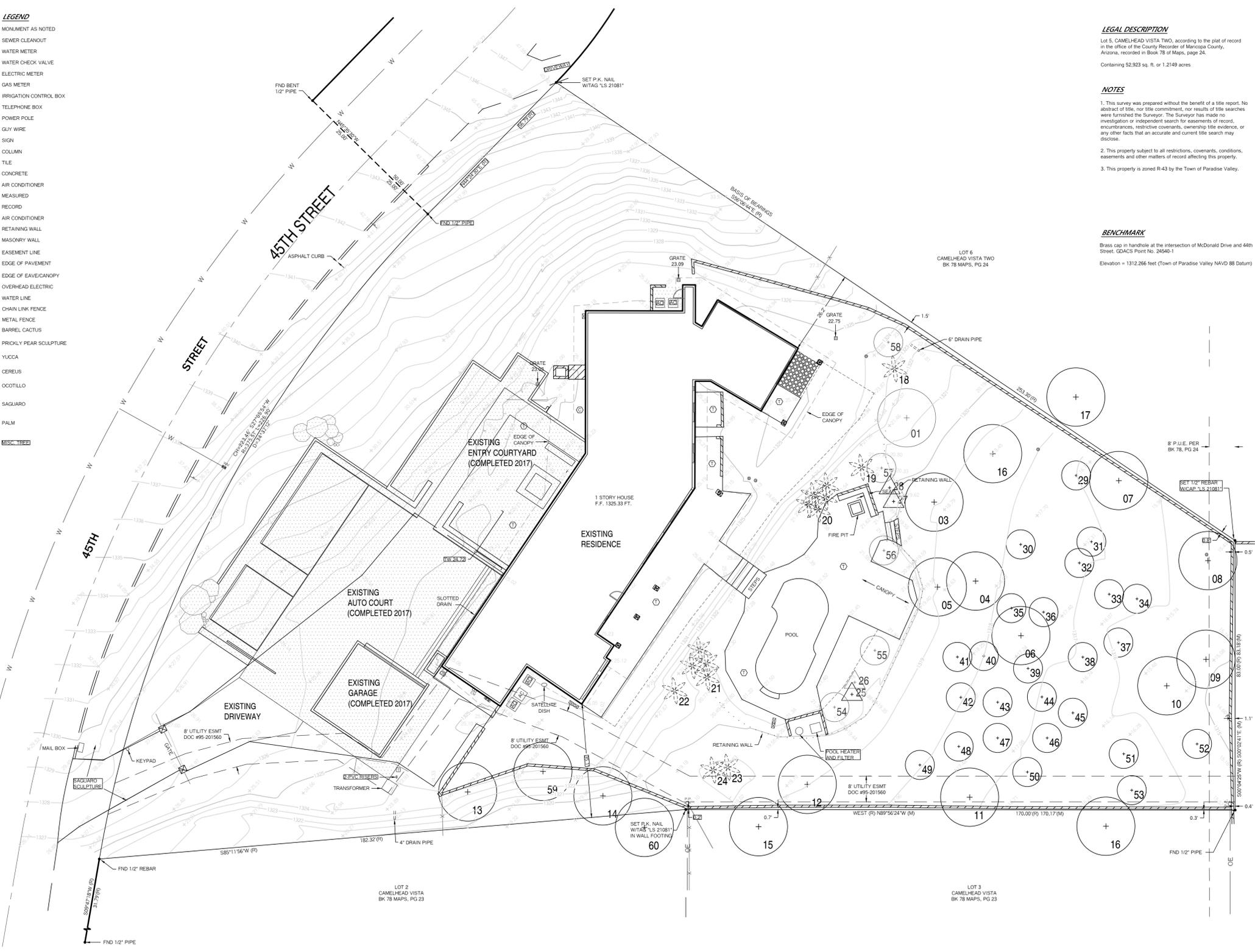


THOMPSON RESIDENCE
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FOR	HILLSIDE REVIEW
DATE	11.17.2017
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JOB	17023
DRAWING	EXISTING SITE

SHEET No.
L0.1

- LEGEND**
- MONUMENT AS NOTED
 - SEWER CLEANOUT
 - WATER METER
 - WATER CHECK VALVE
 - ELECTRIC METER
 - GAS METER
 - IRRIGATION CONTROL BOX
 - TELEPHONE BOX
 - POWER POLE
 - GUY WIRE
 - SIGN
 - COLUMN
 - TILE
 - CONCRETE
 - AC AIR CONDITIONER
 - (M) MEASURED
 - (R) RECORD
 - AC AIR CONDITIONER
 - RETAINING WALL
 - MASONRY WALL
 - EASEMENT LINE
 - EDGE OF PAVEMENT
 - EDGE OF EAVE/CANOPY
 - OVERHEAD ELECTRIC
 - WATER LINE
 - CHAIN LINK FENCE
 - METAL FENCE
 - BARREL CACTUS
 - PRICKLY PEAR SCALPTURE
 - YUCCA
 - CEREBUS
 - OCOTILLO
 - SAGUARO
 - PALM
 - MISCELLANEOUS

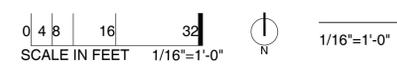


LEGAL DESCRIPTION
 Lot 5, CAMELHEAD VISTA TWO, according to the plat of record in the office of the County Recorder of Maricopa County, Arizona, recorded in Book 78 of Maps, page 24.
 Containing 52,923 sq. ft. or 1.2149 acres.

NOTES

- This survey was prepared without the benefit of a title report. No abstract of title, nor title commitment, nor results of title searches were furnished the Surveyor. The Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
- This property subject to all restrictions, covenants, conditions, easements and other matters of record affecting this property.
- This property is zoned R-43 by the Town of Paradise Valley.

BENCHMARK
 Brass cap in handhole at the intersection of McDonald Drive and 44th Street. GDACS Point No. 24540-1
 Elevation = 1312.266 feet (Town of Paradise Valley NAVD 88 Datum)



EXISTING SITE 01
PLAN



NTS VIEW SOUTH ALONG PATIO 01
EXISTING SITE



NTS POOL - SOUTH VIEW 02
EXISTING SITE



NTS POOL - EAST VIEW 03
EXISTING SITE



NTS POOL - NORTH VIEW 04
EXISTING SITE



NTS NORTH YARD 05
EXISTING SITE



NTS VIEW NORTH TO MASTER BDRM 06
EXISTING SITE



NTS VIEW SOUTH OFF MASTER BDRM PATIO 07
EXISTING SITE



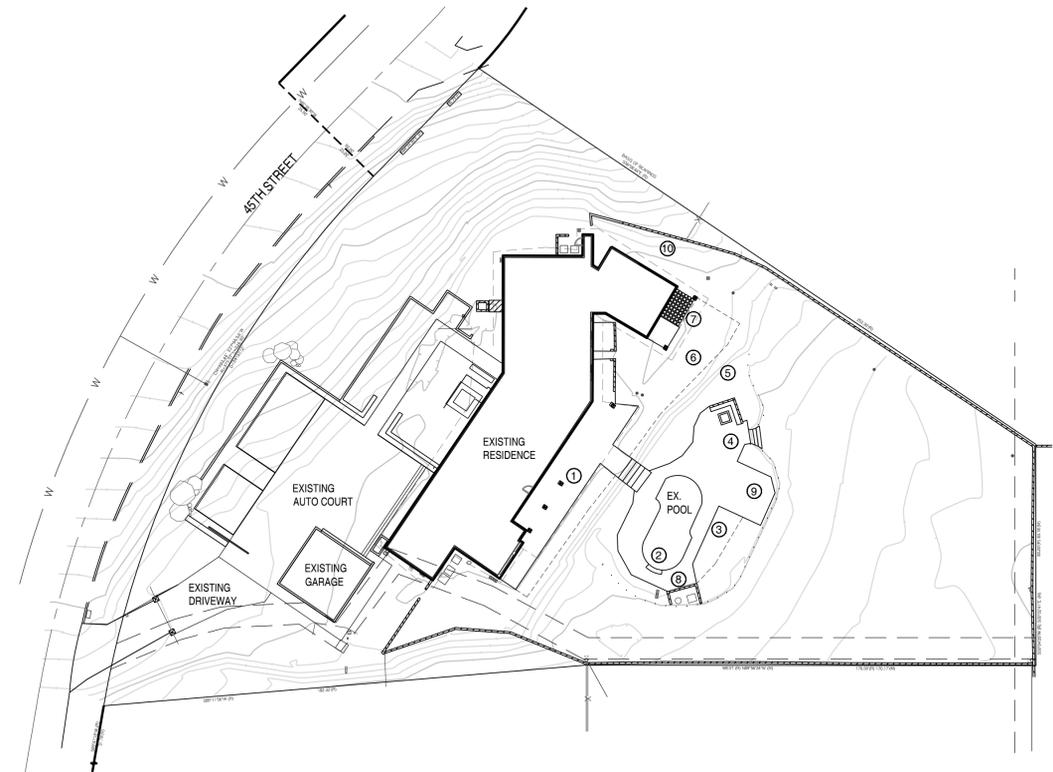
NTS POOL EQUIPMENT 08
EXISTING SITE



NTS GAZEBO 09
EXISTING SITE



NTS SIDE YARD NORTH 10
EXISTING SITE



NTS KEY MAP A

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JOB	17023
DRAWING	EXISTING SITE PHOTOS

SHEET No.

L0.2



0 10 20 40
SCALE IN FEET 1"=20'-0"

1"=20'-0"

INVENTORY/SALVAGE PLAN 01

LANDSCAPE INVENTORY LIST

#	BOTANICAL NAME	COMMON NAME	CONDITION	PIP, SALVAGE, OR DEMO
01	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
02	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
03	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
04	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
05	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
06	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
07	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
08	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
09	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
10	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
11	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
12	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
13	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=LOCATED ON ADJACENT PROPERTY
14	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	DEMO=UNABLE TO SALVAGE ON SLOPE
15	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=LOCATED ON ADJACENT PROPERTY
16	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=LOCATED ON ADJACENT PROPERTY
17	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=LOCATED ON ADJACENT PROPERTY
18	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	GOOD	DEMO=NON-NATIVE/IN DISTURBED AREA
19	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	GOOD	DEMO=NON-NATIVE/IN DISTURBED AREA
20	PHOENIX CANARIENSIS	CANARY ISLAND DATE PALM	GOOD	S=SALVAGE & RELOCATE PER LANDSCAPE PLANS
21	CYCAS REVOLUTA	SAGO PALM (CLUSTER)	GOOD	S=SALVAGE & RELOCATE PER LANDSCAPE PLANS
22	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	GOOD	DEMO=NON-NATIVE/IN DISTURBED AREA
23	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	GOOD	DEMO=NON-NATIVE/IN DISTURBED AREA
24	WASHINGTONIA FILIFERA	CALIFORNIA FAN PALM	GOOD	DEMO=NON-NATIVE/IN DISTURBED AREA
25	PACHYCREUS SCHOTTII	SENITA	FAIR	S=SALVAGE & RELOCATE PER LANDSCAPE PLANS
26	ALOE MACULATA	SOAP ALOE	POOR	DEMO=DECLINING
27	HESPERALOE PARVIFLORA	YELLOW HESPERALOE	GOOD	DEMO=NON-NATIVE/IN DISTURBED AREA
28	FOQUIERIA SPLENDENS	OCOTILLO	GOOD	S=SALVAGE & RELOCATE PER LANDSCAPE PLANS
29	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
30	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
31	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
32	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
33	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
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35	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
36	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
37	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
38	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
39	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
40	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
41	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
42	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
43	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
44	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
45	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
46	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
47	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
48	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
49	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
50	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
51	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
52	LARREA TRIDENTATA	CREOSOTE	GOOD	PIP=NATIVE PLANT IN NON-DISTURBANCE AREA
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54	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	GOOD	DEMO=NON-NATIVE
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56	LEUCOPHYLLUM FRUTESCENS	TEXAS RANGER	GOOD	DEMO=NON-NATIVE
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59	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	DEMO=UNABLE TO SALVAGE ON SLOPE
60	CERCIDIUM MICROPHYLLA	FOOTHILLS PALO VERDE	GOOD	PIP=LOCATED ON ADJACENT PROPERTY

INVENTORY/SALVAGE NOTES:

1. A TEMPORARY NURSERY LOCATION SHALL BE ESTABLISHED ON SITE FOR SALVAGE MATERIAL. CONTRACTOR SHALL PROVIDE TEMPORARY IRRIGATION TO SALVAGED MATERIAL IN NURSERY
2. THE CONTRACTOR SHALL MARK AND CONFIRM LOCATION OF UNDERGROUND UTILITIES PRIOR TO SALVAGE OPERATION.
3. BOXING PROCEDURE PER SPECIFICATIONS.
4. UPON REMOVAL OF THE SALVAGEABLE NATIVE PLANTS THE SALVAGE CONTRACTOR SHALL SUBMIT A LIST IDENTIFYING THE TAG NUMBER OF THE PLANTS SURVIVING SALVAGE OPERATIONS TO THE LANDSCAPE ARCHITECT.
5. FINAL LOCATION OF ALL SAVAGE TREES IS SUBJECT TO LANDSCAPE DESIGNER OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. SALVAGE TREE DESIGNATIONS/LOCATIONS MAY BE ADJUSTED BASED ON SALVAGE MATERIAL CONDITION AFTER SALVAGE PROCESS IS COMPLETE.
6. PROTECTED MATERIAL SALVAGED FROM SITE THAT DOES NOT SURVIVE THE SALVAGE PROCESS, OR DIES WITHIN THE FIRST TWO YEARS AFTER TRANSPLANT, SHALL BE REPLACED BY THE LANDSCAPE CONTRACTOR IN LIKE KIND, SIZE AND QUANTITY.
7. SALVAGE ALL BOULDERS & STOCKPILE. LANDSCAPE ARCHITECT WILL RELOCATE IN-FIELD.

- (4) SALVAGE ACCENTS
- (0) SALVAGE TREES
- (5) NO SALVAGE/DESTROY CACTI/TREES
- (14) TO REMAIN/PROTECT-IN-PLACE CACTI/TREES

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©2017 MICHELLA SHELOR ARCHITECTURE

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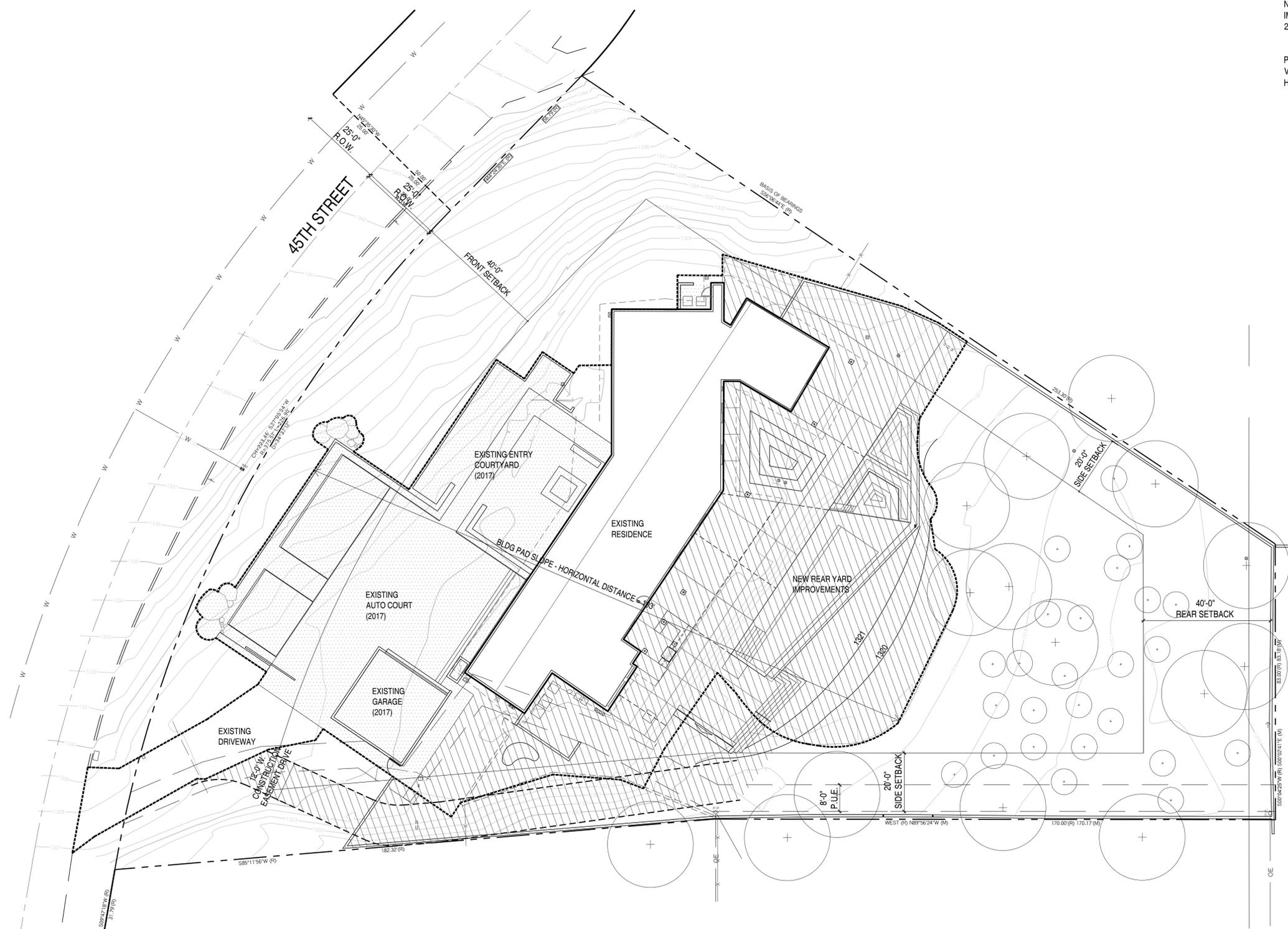


THOMPSON RESIDENCE
6031 N 45TH ST
PARADISE VALLEY, AZ 85253

FOR	HILLSIDE REVIEW
DATE	11.17.2017
SCALE	AS SHOWN
DRAWN	CGR
JOB	17023
DRAWING	INVENTORY/ SALVAGE PLAN

SHEET No.

L0.3



DRAINAGE & GRADING NARRATIVE

SITE WILL CONTINUE TO DRAIN TOWARDS THE SOUTHEAST OF THE LOT.

EXISTING IMPERVIOUS SURFACE: 9,503 S.F.
 PROPOSED IMPERVIOUS SURFACE: 9,022 S.F.

THE PROPOSED REAR IMPROVEMENTS WILL DECREASE THE AMOUNT OF IMPERVIOUS SURFACE BY 481 S.F. NO EXTRA RETENTION AREAS ARE NEEDED.

THE EXISTING POOL PAD WILL BE RE-GRADED TO A NATURAL LOOKING SLOPE AND REVEGETATED.

DISTURBED AREA CALCULATIONS

AREA OF LOT: 1.22 ACRES / 53,047 S.F.
 AREA UNDER ROOF: 5,986 S.F.
 FLOOR AREA RATIO: 11.3%
 BUILDING SLOPE: 11/193 = 6%
 MAX. ALLOWABLE DISTURBED AREA: 60% = 31,828 S.F.

----- EXISTING DISTURBED AREA BOUNDARY =
 25,703 - 5,307 (HOUSE) - 679 (GARAGE) - 3,447 (PAVER DRIVEWAY) = 16,270 S.F.

[Pattern] FRONT YARD IMPROVEMENTS COMPLETED IN 2017

[Pattern] PROPOSED DISTURBED AREA WITH REAR YARD IMPROVEMENTS

NEW DISTURBED AREA WITH EXISTING CONDITIONS & PROPOSED REAR YARD IMPROVEMENTS=
 28,605 - 5,307 (HOUSE) - 679 (GARAGE) - 3,447 (PAVER DRIVEWAY) = 19,172 S.F.

PERCENT OF LOT STEEPER THAN NATURAL GRADE (5%MAX.): N/A
 VOLUME OF CUT/VOLUME OF FILL: CUT - 0 CU.FT. / FILL + 7614 CU.FT.
 HILLSIDE ASSURANCE @ \$25/CUBIC YARD OF CUT + FILL \$190,350

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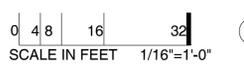
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FOR	HILLSIDE REVIEW
DATE	11.17.2017
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JOB	17023
DRAWING	HILLSIDE DISTURBANCE PLAN

SHEET No.



1/16"=1'-0"

HILLSIDE DISTURBANCE AREA 01

L1.0



0 4 8 16 32
SCALE IN FEET 1"=32'-0"



1/16"=1'-0"

SITE PLAN w/ AERIAL 01

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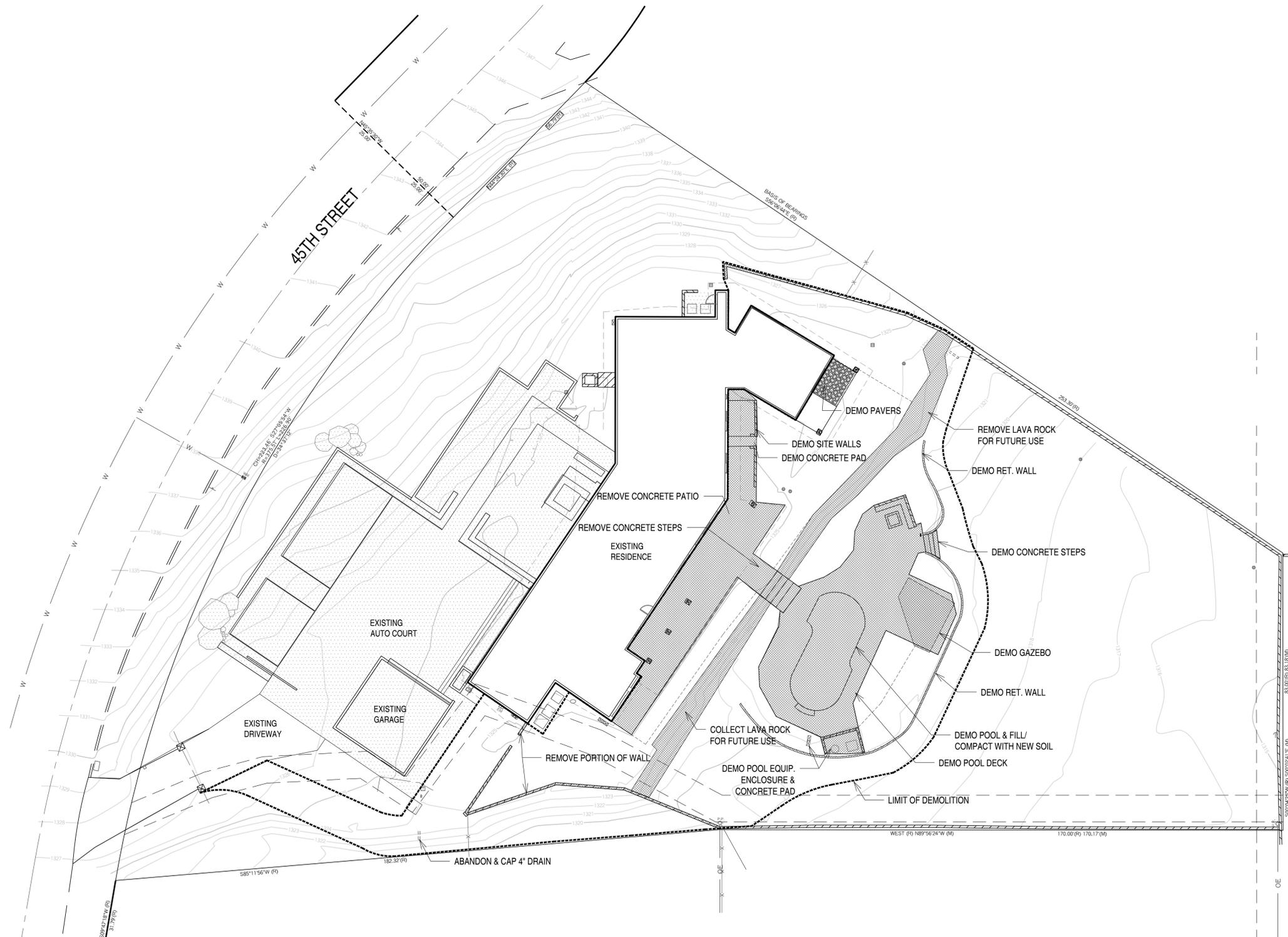
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DATE	11.17.2017
SCALE	AS SHOWN
DRAWN	CGR
JOB	17023
DRAWING	PROPOSED SITE PLAN w/ AERIAL
SHEET No.	

L1.1



0 4 8 16 32
SCALE IN FEET 1/16"=1'-0"



1/16"=1'-0"

DEMOLITION PLAN 01

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DRAWING	DEMOLITION PLAN

SHEET No.

L1.2

SITE PLAN DATA:
 NUMBER OF RETAINING WALLS: 3
 TOTAL LENGTH OF ALL RETAINING WALLS: 129'
 MAX. HT. OF RETAINING WALLS: 3.5'
 MAX. CONT. LENGTH OF RETAINING WALLS: 97' (NEEDS TO BE LESS THAN 100')
 MAX. LENGTH OF VISIBLE RETAINING WALL MEASURED FROM ANY POINT AROUND THE PROPERTY: 97'
 DRIVEWAY: N/A - EXISTING DRIVE - NOT PART OF THIS SUBMITTAL
 POOL FENCE DETAIL: REFER TO DETAIL 5/L3.1
 ADEQUATE WATER PRESSURE TO MEET FIRE SAFETY STANDARDS: YES
 FIRE HYDRANT INSTALLATION REQ'D: NO
 WASH EASEMENT REQ'D: NO
 RESTORATION OF CUT AND FILL SLOPES: SEED MIX - REFER TO LANDSCAPE PLANS.
 HALF STREET OR RIGHT-OF-WAY IMPROVEMENTS REQ'D: NO

- KEYNOTES**
- PROPERTY LINE.
 - EXISTING UTILITIES.
 - EXISTING CACTI & TREES, PROTECT-IN-PLACE, TYP.
 - LIMIT OF DISTURBANCE.
 - EXISTING SITE WALL.
 - ROOF OVERHANG.
 - NEW 7'H PICKET VIEW FENCE. REFER TO DETAIL 5/L3.1
 - NEW 4'H CMU SCREEN WALL. REFER TO DETAIL 3/L3.0
 - HANDRAIL. REFER TO DETAIL 5/L3.0.
 - 7'H CAST-IN-PLACE CONCRETE FIREPLACE w/ 18"H CONCRETE HEARTH. COLOR: DAVIS CONCRETE - OUTBACK #677 (LRV 37%). REFER TO DETAIL 7&8/L3.0.
 - 7"H X 12"W RISE CAST-IN-PLACE CONCRETE STEPS. REFER TO DETAIL 6/L3.0. SEEDED ROUND PEBBLES. COLOR: DAVIS CONCRETE - OUTBACK #677 (LRV 37%)
 - DRY CONVERSATION PIT. REFER TO DETAIL 6/L3.0.
 - CIP CONCRETE PATIO w/ SEEDED ROUND PEBBLES. COLOR: DAVIS CONCRETE - OUTBACK #677 (LRV 38%). REFER TO DETAIL 1/L3.0.
 - SAW-CUT JOINT. REFER TO DETAIL 1/L3.0.
 - COLD-CUT JOINT. REFER TO DETAIL 2/L3.0.
 - NEGATIVE EDGE POOL & SPA w/ PEBBLETEC POOL FINISH. COLOR: PEBBLESHEEN - PRISM BLUE.
 - 3.5'H EXPOSED RET. WALL/SURCHARGE TANK. REFER TO DETAIL 1/L3.1
 - BANCO SEATING @ CONVERSATION PIT.
 - BERMED PLANTER w/ SALVAGED LAVA ROCK TOPDRESSING.
 - AT-GRADE PLANTER w/ SALVAGED LAVA ROCK TOPDRESSING.
 - BBQ. REFER TO DETAIL 2-4/L3.1.
 - FIRE PIT. REFER TO DETAIL 4/L3.0.
 - SALVAGED LAVA ROCK ON SLOPED RETENTION. REFER TO DETAIL 5/L3.0.
 - AT-GRADE PLANTER w/ 2" D.G. TOPDRESSING. COLOR TO MATCH EXISTING SOIL ON-SITE.
 - PROPOSED POOL EQUIPMENT LOCATION.
 - PROPOSED IRRIGATION CONTROLLER LOCATION.
 - NEW ACCESS GATE. REFER TO DETAIL 6/L3.1.
 - RETENTION AREA FOR POOL BACK WASH.
 - ABANDONED & CAPPED PIPE. REFER TO DEMO PLAN L1.2.

REVISIONS	
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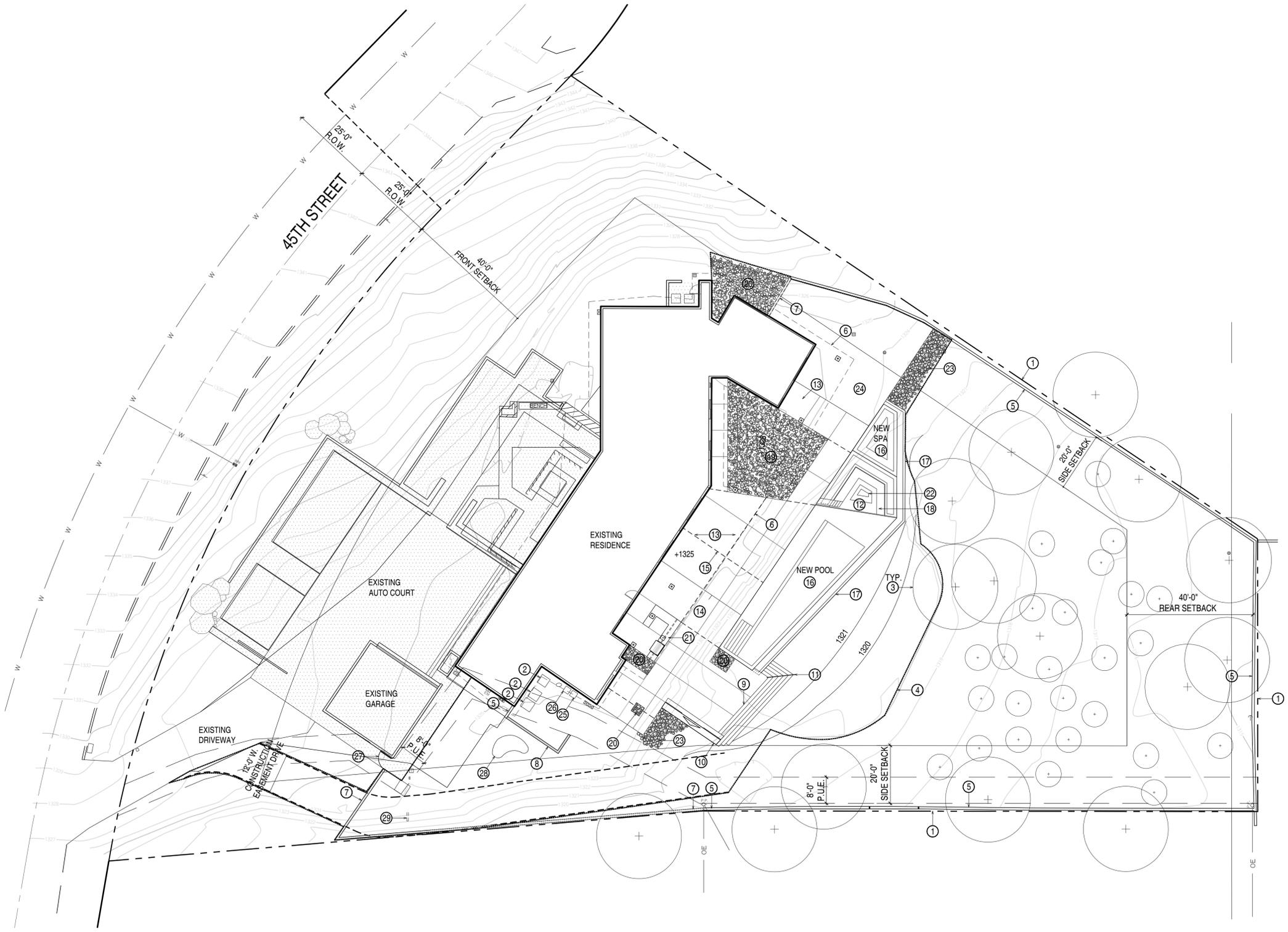


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DRAWN	CGR
JOB	17023
DRAWING	HARDSCAPE PLAN

SHEET No.

L1.3



0 8 16 32
 SCALE IN FEET 1/16"=1'-0"

1/16"=1'-0"

SITE PLAN 01



NTS OVERALL MODEL 01



NTS NORTH SIDE VIEW MODEL 02



NTS SOUTH SIDE VIEW MODEL 03



NTS FIREPLACE MODEL 04



NTS VIEW OF STAIRS MODEL 05



NTS VIEW OF SPA / POOL MODEL 06

REVISIONS	
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△3	
△4	

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DESIGN LANDSCAPE ARCHITECTURE

COLWELL SHELOR LANDSCAPE ARCHITECTURE
 4450 N. 12TH STREET
 SUITE 104
 PHOENIX, AZ 85014
 T: 602.633.2195

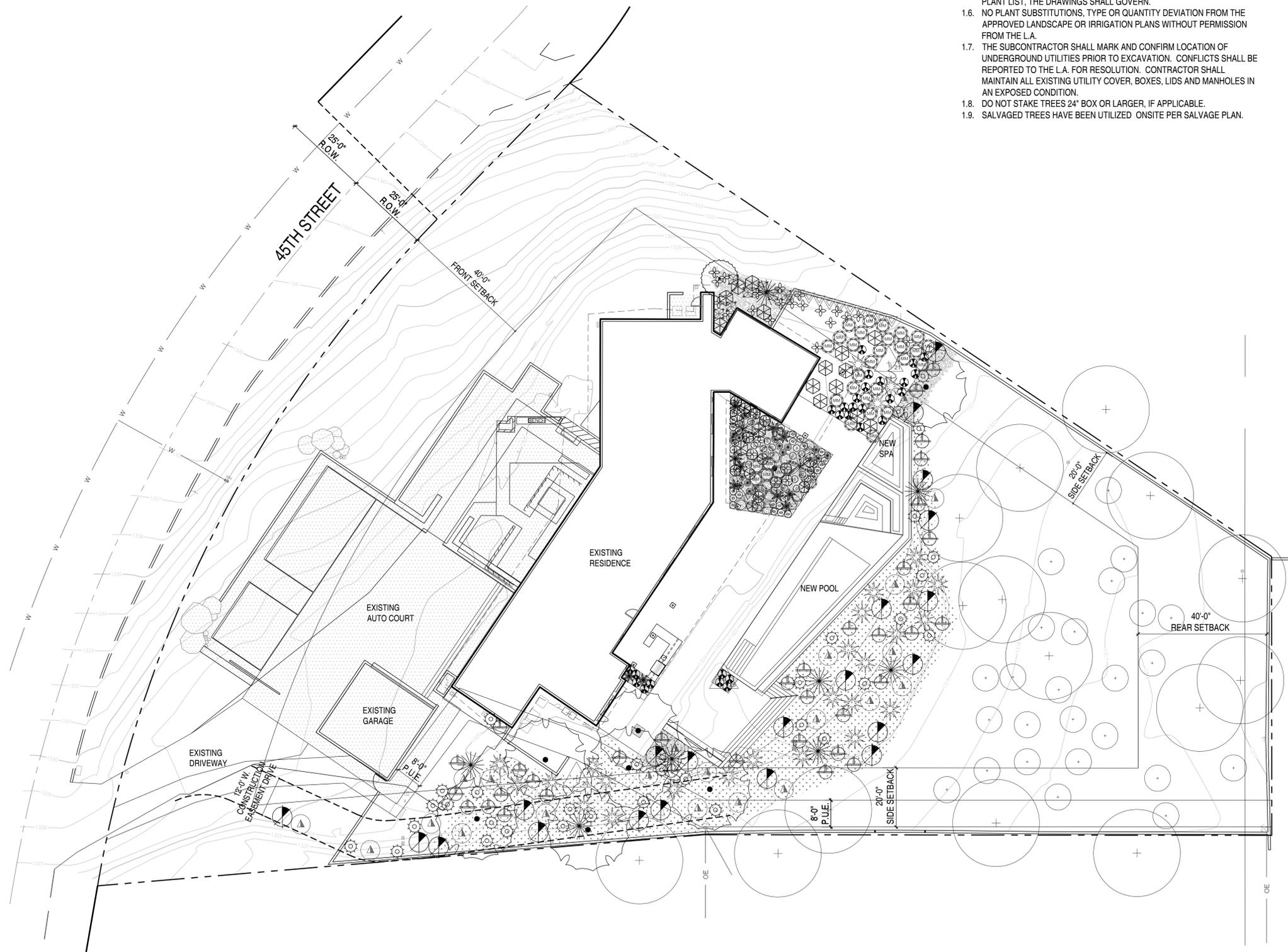


THOMPSON RESIDENCE
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FOR	HILLSIDE REVIEW
DATE	11.17.2017
SCALE	AS SHOWN
DRAWN	CGR
JOB	17023
DRAWING	MODEL VIEWS

SHEET No.

L2.0



- PLANTING GENERAL NOTES:**
- 1.1. PLANTING AREAS SHALL BE WATERED WITH AN AUTOMATIC DRIP IRRIGATION SYSTEM.
 - 1.2. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS SET FORTH IN THE AMERICAN STANDARDS OF NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND BY THE AMERICAN ASSOCIATION OF RECOMMENDED TREE SPECIFICATIONS.
 - 1.3. ALL AREAS TO BE DISTURBED BY CONSTRUCTION, INCLUDING ANY AREAS DISTURBED BEYOND WHAT IS SHOWN ON PLANS, SHALL BE REPLANTED AS INDICATED ON THESE PLANS. AT ALL TIMES THE PLANTS INSTALLED IN ALL AREAS ARE TO MATCH THE SURROUNDING AREA IN DENSITY AND PLANT TYPE.
 - 1.4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY QUANTITIES INCLUDING TREES, SHRUBS, GROUNDCOVERS, DECOMPOSED GRANITE, MULCH AND OTHER ITEMS SHOWN ON THE PLANS.
 - 1.5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE L.A. PRIOR TO CONSTRUCTION OF MAJOR DISCREPANCIES. IN CASE OF DISCREPANCY BETWEEN THE NUMBER OF PLANTS INDICATED ON THE PLANT LIST, THE DRAWINGS SHALL GOVERN.
 - 1.6. NO PLANT SUBSTITUTIONS, TYPE OR QUANTITY DEVIATION FROM THE APPROVED LANDSCAPE OR IRRIGATION PLANS WITHOUT PERMISSION FROM THE L.A.
 - 1.7. THE SUBCONTRACTOR SHALL MARK AND CONFIRM LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION. CONFLICTS SHALL BE REPORTED TO THE L.A. FOR RESOLUTION. CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY COVER, BOXES, LIDS AND MANHOLES IN AN EXPOSED CONDITION.
 - 1.8. DO NOT STAKE TREES 24" BOX OR LARGER, IF APPLICABLE.
 - 1.9. SALVAGED TREES HAVE BEEN UTILIZED ONSITE PER SALVAGE PLAN.

SYM	BOTANICAL NAME COMMON NAME	SIZE	QTY	NOTES (H X W X CAL.)
TREES				
(+)	EXISTING TREE	-	-	PROTECT-IN-PLACE
(•)	BAUHINIA LUNARIODES WHITE ORCHID TREE	36" BOX	1	MULTI-TRUNK
(•)	CERCIDIUM MICROPHYLLUM FOOTHILLS PALO VERDE	54" BOX 48" BOX	1 7	MULTI-TRUNK DESERT SALVAGED
SHRUBS				
(•)	ENCELIA FARINOSA BRITTLEBUSH	1 GAL	32	CAN FULL
(•)	JUSTICIA CALIFORNICA CHUPAROSA	5 GAL	35	CAN FULL
(•)	LARREA TRIDENTATA CREOSOTE	5 GAL	21	CAN FULL
(•)	MUHLENBERGIA DUBIA PINE MUHLY	1 GAL	13	CAN FULL
ACCENTS				
(▲)	SALVAGE CACTI	-	3	REFER TO SALVAGE PLAN
(★)	AGAVE ATTENUATA 'BLUE FLAME' BLUE FLAME AGAVE	5 GAL	11	CAN FULL
(★)	AGAVE PARRYII PARRY'S AGAVE	5 GAL	7	CAN FULL
(★)	AGAVE WEBERI 'ARIZONA STAR' VARIEGATED WEBER AGAVE	5 GAL	2	CAN FULL
(★)	ALOE BARBADENSIS 'YELLOW' YELLOW ALOE	5 GAL	20	CAN FULL
(★)	ALOE X 'BLUE ELF' BLUE ELF ALOE	5 GAL	30	CAN FULL
(★)	ALOE DAWEI DAWE'S ALOE	5 GAL	10	CAN FULL
(★)	CYCAS REVOLUTA SAGO PALM	24 GAL	19	CAN FULL
(★)	DASYLIRION WHEELERI DESERT SPOON	15 GAL	27	CAN FULL
(★)	EUPHORBIA MILII CROWN OF THRONES	15 GAL	6	CAN FULL
(MM)	EUPHORBIA RESINIFERA MOROCCAN MOUND	24 GAL	38	CAN FULL
(★)	FOUQUIERA SPLENDENS OCOTILLO	24" BOX	8	7 WHIP MIN
(★)	MANFREDA MACULOSA TEXAS TUBEROSE	15 GAL	16	CAN FULL
(▲)	OPUNTIA ENGELMANNII ENGELMANN'S PRICKLY PEAR	15 GAL	21	5 PAD MIN.
(3)	OPUNTIA MICRODASYS BUNNY EARS PRICKLY PEAR	15 GAL	15	5 PAD MIN.
(•)	YUCCA PALLIDA PALE LEAF YUCCA	5 GAL	28	CAN FULL
VINES				
(▽)	PARTHENOCISSUS SP. HACIENDA CREEPER	5 GAL	11	CAN FULL
INERT MATERIALS				
(□)	DESERT PAVEMENT TOP DRESSING @ 2" DEPTH. COLOR: SALVAGED & STOCKPILED FROM SITE			
(■)	SALVAGED LAVA ROCK TOPDRESSING			
(•••)	HYDROSEED MIX. SONORAN DESERT NATIVE WILDFLOWER MIX. 1#/2000 SQ. FT. WILDSEED / 602.276.3536			

0 4 8 16 32
SCALE IN FEET 1/16"=1'-0"

1"=16'-0"

LANDSCAPE PLAN 01

REVISIONS	
No.	DATE

CALL FOR INFORMATION
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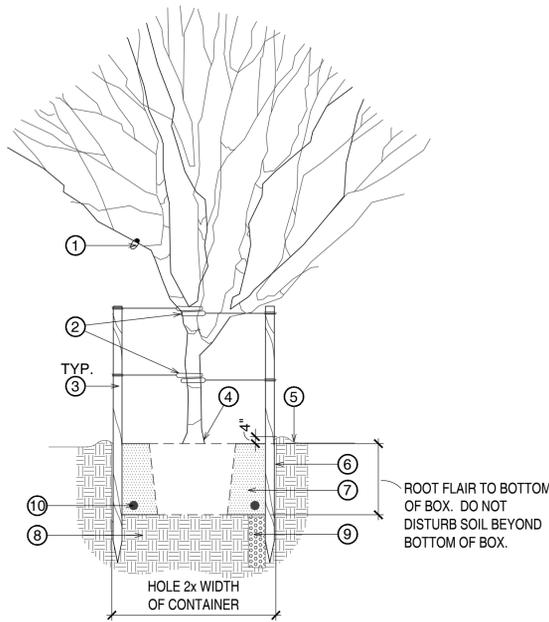


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LANDSCAPE PLAN

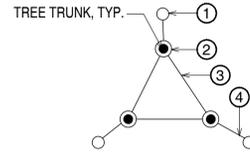
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L4.0



KEYNOTES

1. ALL TREE IDENTIFICATION, TRADEMARK, SALVAGE TAGS TO REMAIN ON TREE.
2. 2 STRAND TWISTED 10 GA. WIRE ENCASED IN 1" DIA. RUBBER HOSE.
3. 2 MIN.-12' LODGE POLE STAKES DRIVEN OUTSIDE ROOTBALL INTO SUBGRADE (18" MIN.) PRIOR TO BACKFILLING AS NECESSARY FOR FIRM SUPPORT.
4. ROOT FLARE SHALL BE ABOVE FINISH GRADE.
5. FINISH GRADE OF DECOMPOSED GRANITE, KEEP AWAY FROM TRUNK.
6. SCARIFY SIDES OF PLANTING HOLE TO PREVENT GLAZING.
7. BACKFILL w/ NATIVE SOIL OR APPROVED TOPSOIL. WATER & TAMP TO REMOVE AIR POCKETS
8. UNDISTURBED SOIL.
9. 8" WIDE X 5' DEEP AUGER DUG WELL w/ 1-2" DIA. CRUSHED ROCK FOR DRAINAGE WHEN IN HARDPAN CONDITIONS.
10. PLANT TABLET, TYP.



TREE STAKING

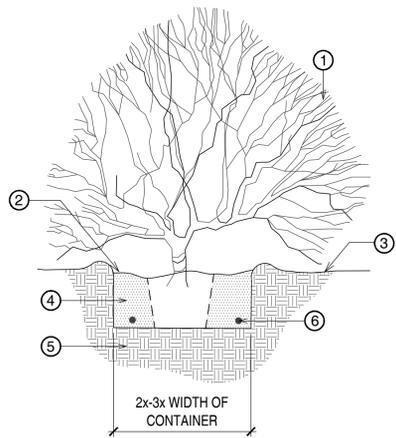
MULTI-TRUNK STAKING PROCEDURE

1. INSTALL LODGEPOLES, (3) PER TREE AS NEEDED - (2) MIN.
2. ATTACH RUBBER HOSE TO ALL TRUNKS. 1/2" Ø RUBBER HOSE, 2x TRUNK CALIPER.
3. SECURE INTERIOR 10 GA. WIRE TO RUBBER HOSES.
4. SECURE 10 GA. WIRE FROM RUBBER HOSES TO LODGEPOLES.

NOTES:

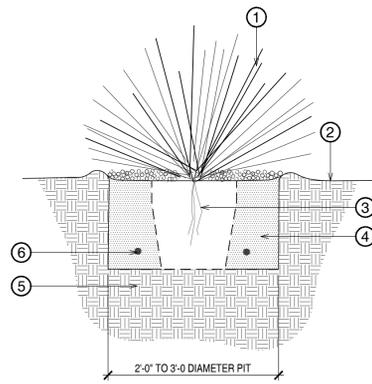
- ROOTBALL AND TOP OF WELL TO BE FLUSH WITH FINISH GRADE.
- PAINT CUTS OVER 1" DIAMETER
- POSITION STAKES TO AVOID RUBBING ROOTBALL, BRANCHES & PIERCING (AS PER SPECIFICATIONS)
- PLACE TREE TIES FOR MAXIMUM SUPPORT WITH TOP TIE ABOVE SCAFFOLD BRANCHES AND SECOND TIE MIDWAY TO THE GROUND LEVEL.
- ALLOW FOR SOME TRUNK MOVEMENT.

NTS **TREE PLANTING 01**



KEYNOTES

1. SHRUB.
2. TOP OF ROOTBALL AND WELL TO BE 2" BELOW SAUCER.
3. FINISH GRADE OF DECOMPOSED GRANITE, KEEP OFF BASE OF PLANT.
4. BACKFILL w/ NATIVE SOIL OR APPROVED TOPSOIL. WATER & TAMP TO REMOVE AIR POCKETS.
5. UNDISTURBED SOIL.
6. PLANT TABLET, TYP.



KEYNOTES

1. ACCENT PLANT.
2. FINISH GRADE OF DECOMPOSED GRANITE, KEEP OFF BASE OF PLANT.
3. ROOT ZONE
4. BACKFILL w/ NATIVE SOIL OR APPROVED TOPSOIL. WATER & TAMP TO REMOVE AIR POCKETS.
5. UNDISTURBED SOIL.
6. PLANT TABLET, TYP.

NOTES:

- ROOT PRUNE ALL DAMAGED ROOTS.
- INSPECTION & APPROVAL OF ALL ACCENTS REQUIRED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- USE DRY SITE SOIL IN PIT - NO MULCH.
- DO NOT WATER FOR 3 WEEKS.
- AT SITE, DUST ENTIRE ROOT STRUCTURE WITH WETTABLE DUSTING SULPHUR (1.5# MINIMUM).
- RETAIN ORIGINAL ORIENTATION TO SUN WHEN PLANTING.

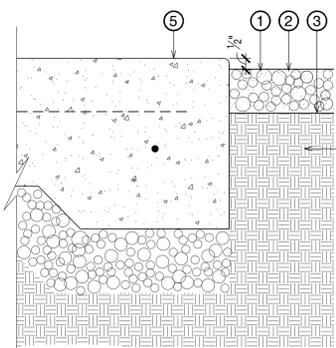
NTS **SHRUB PLANTING 02**

KEYNOTES

1. DECOMPOSED GRANITE IN ALL PLANTING AREAS UNLESS OTHERWISE NOTED. SIZE, COLOR AND DEPTH SHALL BE AS NOTED ON PLANT LEGEND.
2. FINISHED GRADE OF PLANTING AREA.
3. FINISHED GRADE @ SOIL.
4. SUBGRADE/PLANTING SOIL, COMPACT 85% MAX.
5. CONCRETE PAVING/WALK.

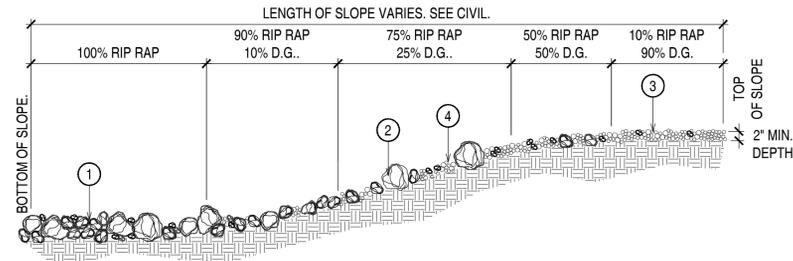
NOTES:

1. SIZE, COLOR AND OF DECOMPOSED GRANITE NOTED ON PLANT LEGEND. PRE-EMERGENT SHALL BE APPLIED TO FINISH GRADE BEFORE INSTALLATION OF DECOMPOSED GRANITE & MULCH AFTER INSTALLATION.



3"=1'-0" **DECOMPOSED GRANITE 04**

1"=1'-0" **ACCENT PLANTING 03**



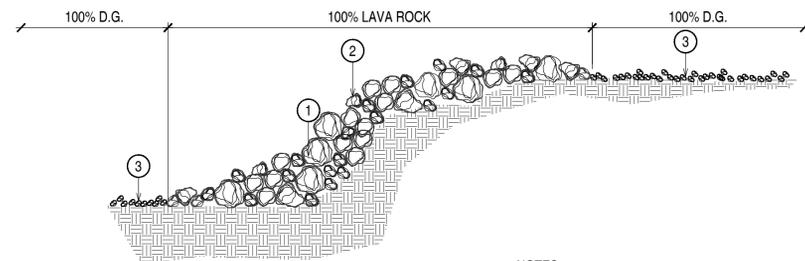
KEYNOTES:

1. DEPTH OF RIPRAP AT INLET/OUTLET & FINISH GRADE.
2. 6" RIPRAP. COLOR OF ALL GRANITE RIP RAP SHALL MATCH DECOMPOSED GRANITE COLOR SPECIFIED IN PLANT LEGEND. CONTRACTOR SHALL SUBMIT RIPRAP SAMPLE TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION.
3. FINISH GRADE.
4. COVER w/ SOIL FROM SITE. NOT SHOWN HERE FOR CLARITY.

NOTES:

1. REFER TO LANDSCAPE PLANS FOR COLOR & SIZE OF D.G.
2. ORGANIC PRE-EMERGENT SHALL BE APPLIED TO FINISH GRADE PRIOR TO INSTALLATION.
3. COMPACT GRADE ADJACENT TO EDGING TO AVOID SETTLING.
4. ALL RIP RAP SHALL BE 1/2" BELOW TOP OF ADJACENT WALK.

1"=1'-0" **DESERT PAVEMENT 05**



KEYNOTES:

1. 4"-12" LAVA ROCK. RESUED FROM SITE.
2. FINISH GRADE.
3. D.G. PLANTING AREA.

NOTES:

1. REFER TO LANDSCAPE PLANS FOR COLOR & SIZE OF D.G.
2. ORGANIC PRE-EMERGENT SHALL BE APPLIED TO FINISH GRADE PRIOR TO INSTALLATION.
3. COMPACT GRADE ADJACENT TO EDGING TO AVOID SETTLING.
4. ALL LAVA ROCK & D.G. SHALL BE 1/2" BELOW TOP OF ADJACENT WALK.

1"=1'-0" **LAVA ROCK SLOPE 05**

REVISIONS	
No.	DATE
1	
2	
3	
4	

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THOMPSON RESIDENCE
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FOR	HILLSIDE REVIEW
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LANDSCAPE DETAILS	

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L5.0

LIGHTING LEGEND

SYMBOL	DESCRIPTION	QTY
	DIRECTIONAL UPLIGHT	
	UP-LIGHT UNIQUE, STELLAR = STEL-12-L1 CAST BRASS, GLARE CONTROL LENS KIT, PVC MOUNTING STAKE, 25' WIRE LEAD, FLEX SERIES 1 WATT LED (shall be used as a landscape lighting fixture only) COLOR: WARM WHITE, 100 LUMENS, 3000K	31
	STRIP LIGHTING BRILLIANCE LED STRIP LIGHTING = BRI-SL3-2700 65 FLEXIBLE STRIP LIGHTING COLOR: WARM WHITE, 45 LUMENS PER FT. 2700K	208 l.f.

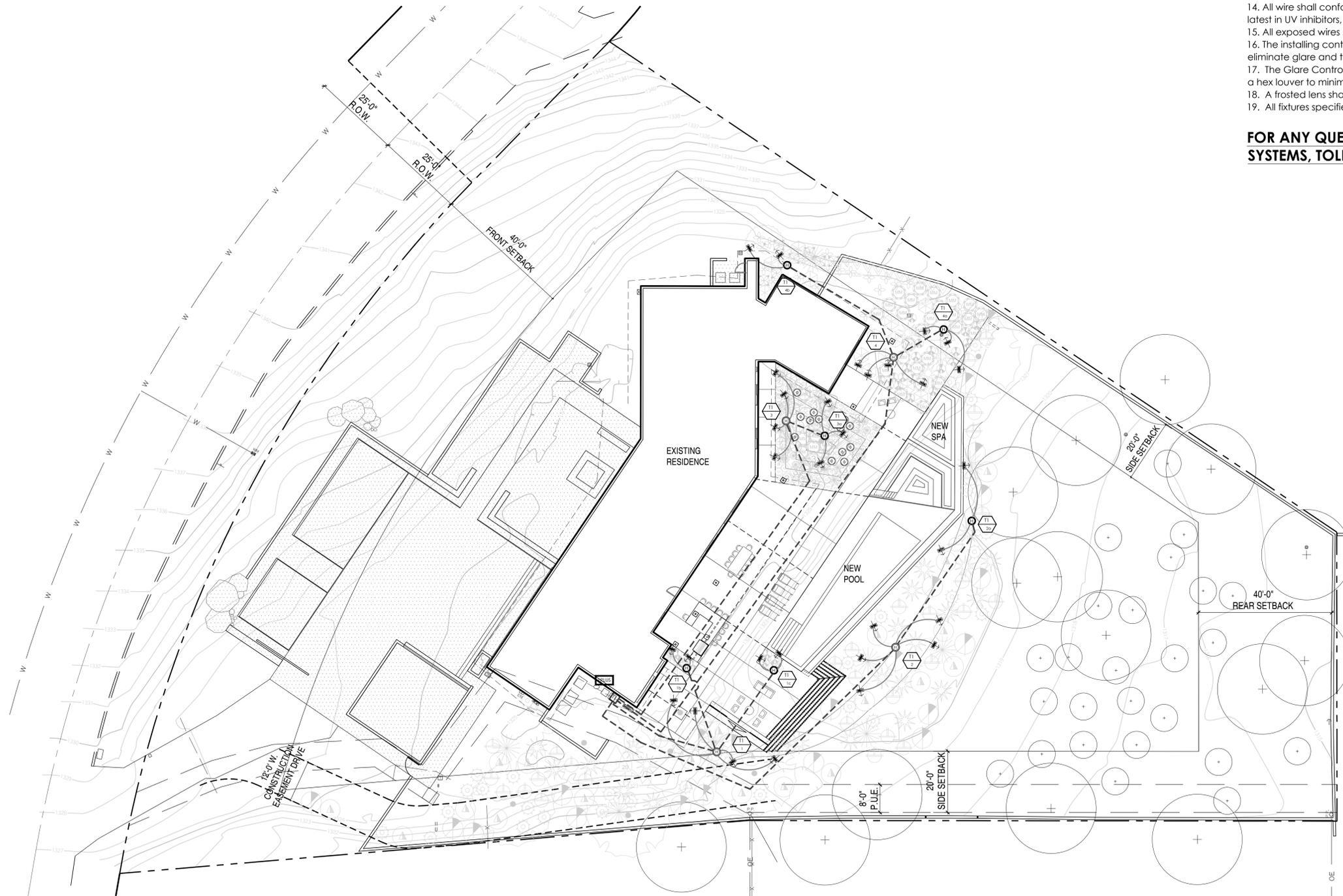
TRANSFORMERS & HUBS

	UNIQUE, INTELLI-MATIC TRANSFORMER, 500IFSF SINGLE CORE, MULTI TAP, 12 VOLT TRANSFORMER, STAINLESS STEEL HOUSING WITH LIGHT LOGIC (LPCU-A)	1
	UNIQUE LIGHT LOGIC PROGRAMMING MODULE (LPLUS)	1
	UNIQUE, INTELLI-HUB	4
	UNIQUE, SATELLITE HUB	8
	UNIQUE, THW UV BROWN WIRE (SEE TRANSFORMER LOAD CALCS FOR SIZE AND QTY)	
	TRANSFORMER NO.	
	HUB NO.	

LIGHTING GENERAL NOTES:

- This plan is intended for landscape lighting purposes only. All lighting fixtures and transformers shall be installed per manufacturer's specifications. It is the contractor's responsibility to maintain compliance with the National Electric Code (current edition) and all local building safety codes and ordinances.
- Fixtures are shown in approximate location. The contractor shall field verify the actual placement of each fixture upon completion of landscape installation.
- All pathlights to be installed at a minimum of 18" from any sidewalk or structure.
- All hubs shall be labeled and installed primarily in planter areas 2" above finished grade; or in a readily accessible area that does not obstruct pathways, drainage swales or common areas.
- All "Home Run" wire shall be labeled and installed at a minimum depth of 6". All fixture lead wires shall be installed at a minimum depth of 6".
- In order to minimize future disturbance, all wire runs shall be installed parallel and adjacent to hard surfaces such as sidewalks, driveways and walls.
- The installing contractor shall be responsible for installing sleeves under the hardscape surfaces, using a minimum 1-inch PVC pipe.
- Contractor shall not cut the wire leads from the fixtures. Leave excess wire at the fixture when and a minimum of 2' at each hub.
- All underground splices shall be installed in approved in-ground hubs with water-tight connections.
- All exterior 120-Volt electrical outlets shall be GFI protected as per National Electrical Code.
- All transformers plugged into an outdoor receptacle shall have an "in use" cover. Contractor shall install **Taymac** type covers at all outlets.
- All plug-in transformers shall have a "Drip Loop" in the power cord.
- All exposed conduits shall be painted to match surroundings.
- All wire shall conform to ASTM B-49 and B-115 standards: 99% pure PVC plastic mixed with the latest in UV inhibitors, 99.5% pure copper.
- All exposed wires shall be protected and painted.
- The installing contractor shall be responsible for adjusting the fixtures at night to help eliminate glare and to ensure optimum lighting effect.
- The Glare Control kit shall consist of a rotational shroud, frosted, linear and spread lens and a hex louver to minimize glare up to a 45 degree angle.
- A frosted lens shall be used in any down light that is placed under 12' in height.
- All fixtures specified have led lamps that emit max. 3000 kelvin color temperature.

FOR ANY QUESTIONS, PLEASE CONTACT UNIQUE LIGHTING SYSTEMS, TOLL FREE @ 1-800-955-4831



1"=10'-0"

LIGHTING PLAN 01

REVISIONS	
No.	DATE



COLWELL SHELOR LANDSCAPE ARCHITECTURE
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THOMPSON RESIDENCE
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PARADISE VALLEY, AZ 85253

FOR	HILLSIDE REVIEW
DATE	11.17.2017
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JOB	17023
DRAWING	LIGHTING PLAN

SHEET No.

L6.0

UNIQUE LIGHTING SYSTEMS®

Up Light
Stake Mounted Up Light
Odyssey™ Series



STELLAR: 12V & 24V Brass Up Light

PROJECT: _____

TYPE: _____

CATALOG NUMBER: _____

LAMP(S): _____

NOTES: _____

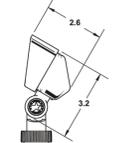
FIXTURE ORDERING INFORMATION

Example: STEL-12-L1 (Stellar, 12 Volt, 1 Watt, 3000K LED T3, 25' Wire Lead, Weathered Brass)

MODEL NAME	VOLTAGE	WATTAGE	WIRE LENGTH	FINISH	OPTIONS
STEL	12-12 Volt 24-24 Volt	L1= LED, 1W, 3000K L2= LED, 2W, 3000K 200-200W halogen NL=No Lamp	Leave blank for standard 25' length * 0= 3' wire lead * 50= 50' wire lead	leave blank for standard WB finish P= Standard powder coat finishes. List your desired color in the order comments area.	* 6P= Six Pack

NOTE: Pre-lamped LED fixtures are NOT available with 24V lamps. LED fixtures are available ONLY with a 25' wire lead. For additional painted finishes or six pack options contact our factory.

DIMENSIONS:



Powder Coated Finishes	Standard Finish
Tuscan Tan TT	Weathered Brass WB
White WH	
Black BK	
Versle Green VG	
Titanium Knight TK	

FLEX™ Unique Lighting System® fixtures are available with LED strips. Please specify the strip code when ordering. * Only available with the NL wattage option. Unique Lighting System® reserves the right to modify the design and/or construction of the fixture shown without further notification.

SPECIFICATIONS

Our Commitment
Unique Lighting System's highest commitment is to set the standard for manufacturing innovative and quality products. This commitment is evident through our detailed inspection processes and extensive field testing. From the initial design process of each product, to the final assembly of each custom-made individual part, our manufacturing process accomplishes the highest level of performance and durability carried through to final delivery to the end user. Durable construction and beautiful styling make Unique™ fixtures the ideal solution for any residential or commercial application. Unique Lighting™ already holds numerous product patents and we are constantly developing innovative ideas to help expand the lighting industry.

Body
Precision machined from solid brass casting. Body design provides enclosed, water resistant wiring to protect wires. Features an integral knuckle for maximum mechanical strength.

Gasket
High temperature silicone gasket for water-tight seal.

Knuckle
Machined brass knuckle with a solid brass adjustable thumb screw. Vertical tilt of 270° and horizontal rotation of 360° for easy aiming. The Orbital Lock Nut™ allows for locking the horizontal rotation without adjusting the stakes.

Shroud
Precision machined and comes with a factory sealed shock resistant tempered glass lens to prevent water intrusion. Includes external injection molded hex spacer. Accepts up to one additional lens.

Lens
Comes with a complete set of optical designer lenses including: spread lens, frosted.

Electrical Requirements
A remote 12V or 24V transformer required, may be ordered separately from Unique Lighting System®. Voltage range for 12V halogen lamps is 10.8V to 12V. Voltage range for 24V halogen lamps is 21.6V to 24V. Voltage range for FLEX™ Series LED T3 lamps is 10V-18V.

Lamp Connection
Specification grade, beryllium copper lamp holder. GUS.3 base.

Wiring
Exclusive UF-Intelli-Flex wire with anti-moisture migration connections.

Mounting Stake
Standard mounting stake is injection molded PVC with a 1/2" NPS "swaged" female fitting.

Finish
Exclusive Weathered Brass finish is standard. Unique™ Lighting's weathered brass finish is a "living finish" and will naturally patina and change over time. Polyester powder coat finishes are also available (see chart above).

Warranty
The Odyssey Family of products from Unique Lighting System® carries a limited lifetime warranty against manufacturer's defects. Manufactured to ISO 9001:2008 Quality Systems Standard.



Unique Lighting System® 8255 Jasmine Street, Riverside, CA 92504 T: 800-955-4831 F: 800-955-9852
www.unique-lighting.com

UNIQUE LIGHTING SYSTEMS®

Lamps
T3 LED Lamp



FLEX™ Series T3 LED Lamp

PROJECT: _____

TYPE: _____

CATALOG NUMBER: _____

LAMP(S): _____

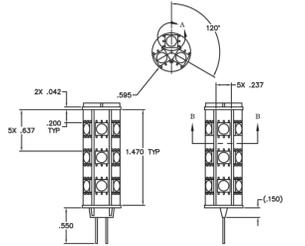
NOTES: _____

LAMP ORDERING INFORMATION

Example: LED-2W-T330K-12

LED	Wattage	Lamp Type	Color Temp.	Voltage
	1W = 1 watt 2W = 2 watt	T3	30K = 3000K 50K = 5000K	12 = 12 volt

DIMENSIONS:



* Only available in 2 watt. Unique Lighting System® reserves the right to modify the design and/or construction of the fixture shown without further notification.

SPECIFICATIONS

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Materials
Each led package is mounted to an aluminum backed board to continuously dissipate heat and assure the LEDs operate at a safe and optimal temperature ensuring a long life.

LED Package
Unique Lighting utilizes high-efficiency white CREE LED chip packages. The long life, 40,000 hour chips are manufactured by U.S. based CREE. CREE is a proven manufacturer with years of lighting experience. The maximum junction temperature of the LED is 150°C.

Rated Life
The FLEX™ Series T3 LEDs are rated for 20,000 hours. This is about seven years at eight hours per day. LEDs do not burn out like traditional lamps, they just continue to get dimmer. After 20,000 hours the LED will continue to illuminate, but at a diminished level.

Energy Savings
LED lamps provide energy saving up to 85% over traditional lamp sources. The Light Emitting Diode consumes substantially less wattage while providing similar light output as a halogen lamp.

CCT-Color Correlated Temperature
Unique Lighting LED lamps are available in various color temperatures. White 3000K is closer to halogen, and 5000K closer to mercury vapor lamps. The tolerance on CCT is +/-150K.

CRI - Color Rendering Index
CRI is a measurement of "how true and vibrant colors look". Reds look red, greens look green. The CRI of our LED lamps is between 82.1 and 84.2. A typical fluorescent lamp with poor CRI is about 70. Above 80 is considered very good.

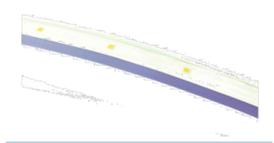
Voltage Range
Input Voltage 10V-18V

Warranty
Two year warranty

Unique Lighting System® 8255 Jasmine Street, Riverside, CA 92504 T: 800-955-4831 F: 800-955-9852
www.unique-lighting.com

STRIP LIGHT

DESCRIPTION:
The Brilliance LED AC Flex Strip Light is rated for outdoor use and can be directly connected to an existing 8-16 VAC landscape lighting system. Great accent lighting for stairs, railings and overhangs. The LEDs on this Strip Light are encased in non-yellowing material that installs easily.



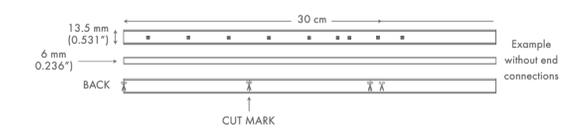
PART NUMBER: BRI SL3 XXXX 6.5

2700	5000	KELVIN TEMP./COLOR
red		
green		
blue		

Wattage	1.8 per meter
Lumens	45 per ft
Kelvin Temperature	2700 5000
Color	red, green, blue
Operating Range	8-16 VAC
CRI	80
IP	65
Lamp Life (hours)	35,000
Warranty (years)	3

NO COLOR OPTION. STANDARD: WARM WHITE

NOT for installation within 10 ft of swimming pool per NEC Article 411-2



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3	
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PARADISE VALLEY, AZ 85253

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SHEET No.

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