

MORAN RESIDENCE

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SHEET	TITLE
L.01	COVER SHEET & NOTES
L.02 - L.03	LANDSCAPE PLAN
L.04 - L.05	LIGHTING PLAN & DETAILS
L.06	LANDSCAPE & IRRIGATION DETAILS

desert pavement note:

AFTER EXISTING PLANT MATERIAL IS REMOVED/SALVAGED, GRADING CONTRACTOR WILL COLLECT THE TOP 2" OF ALL AREAS TO BE DISTURBED AND STOCK PILE IT FOR REPLACEMENT AT THE END OF PROJECT TO BE USED AND DISTRIBUTED AS DESERT PAVEMENT TOP-DRESSING. ALL MATERIAL (ROOTS & SEEDS INCLUDED) LOCATED WITHIN THE TOP 2" OF THE SALVAGED MATERIAL TO REMAIN. DESERT PAVEMENT TO BE BLENDED WITH THE EXISTING DESERT LANDSCAPE FOR A NATURAL APPEARANCE.

wild seed - sonoran desert upland reveg. mix 1lbs. /2000 s.f.

SYMBOL	BOTANICAL NAME	COMMON NAME
	ENCELIA FARINOSA AMBROSIA DELTOIDES ARTILEX POLYCARPA ARTILEX LENTIFORMIS SENNA COVESII LARREA TRIDENTATA SIMMONDSIA CHINENSIS GUTIERREZIA SATOITHRAE ARISTIDA PURPUREA PLANTAGO PURSHII SPOROBOLUS DRYPTANDRUS	BRITTLEBUSH TRIANGLE LEAF BURSAGE SALT BUSH QUAIL BRUSH DESERT SENNA CREOSOTE BUSH JOJOBA SNAKEWEED PURPLE THREEAWN INDIAN WHEAT SAND DROPSEED

wild seed - sonoran desert grass mix 1lbs. /2000 s.f.

SYMBOL	BOTANICAL NAME	COMMON NAME
	ARISTIDA PURPUREA BOUTELLOUA ARISTIDOIDES BOUTELLOUA CURTIPENDULA SPOROBOLUS DRYPTANDRUS ERIONEURON PULCHELLUM	PURPLE THREEAWN NEEDLE GRAMA SIDE-OATS GRAMA SAND DROPSEED FLUFF GRASS

SOVE MIX INCLUDES: CONWED FIBER 1200-188 LBS/ACRE
SLOW RELEASE FERTILIZER (23-13-0) 300 LBS/ACRE
BEST GRADE TACKIFIER 60 LBS./ACRE

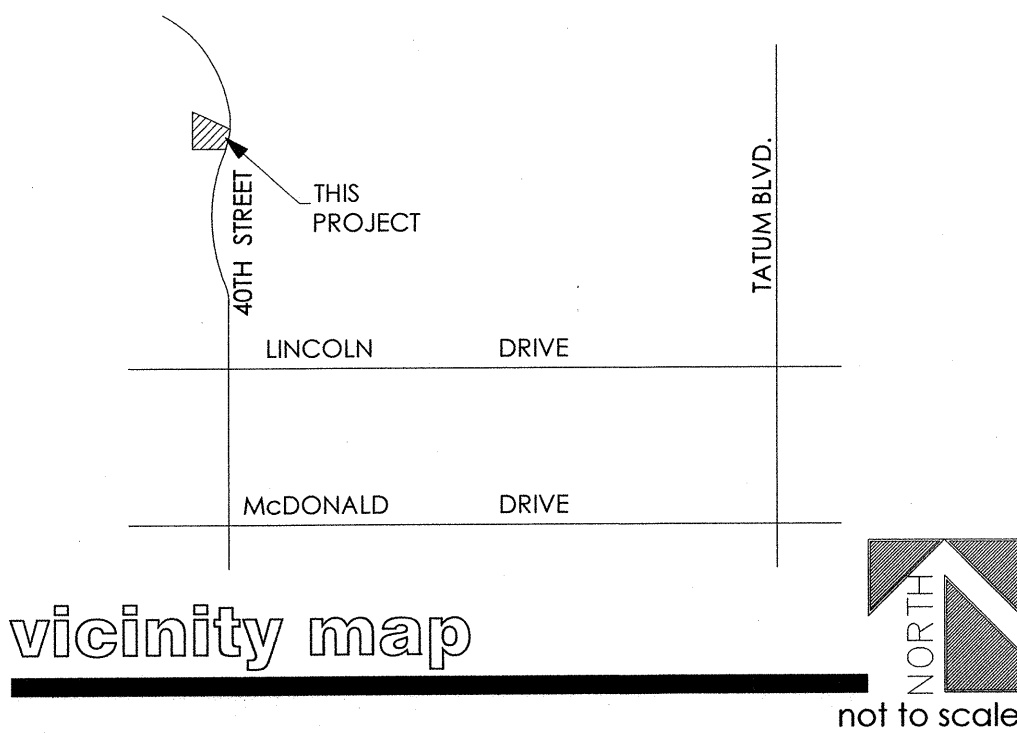
AREA TO BE SEEDED THOROUGHLY TILLED PRIOR TO APPLICATION OF SLURRY MIX.

THIS SEED MIX WILL NOT BE IRRIGATED. APPLICATION OF SEED MIX SHALL NOT COINCIDE WITH PERIODS OF SEASONAL RAIN (JULY-AUGUST OR NOVEMBER - DECEMBER) IN ORDER TO ENCOURAGE GERMINATION.

planting notes

(not approved by city)

- THE SUB-CONTRACTOR SHALL MARK AND CONFIRM LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION. CONFLICTS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR RESOLUTION.
- PLANT MATERIALS SPECIFIED SHALL BE SUBJECT TO HAND SELECTION BY THE LANDSCAPE ARCHITECT AT THE NURSERY.
- FINISH GRADE OR TOP OF D.G. (WHICHEVER IS HIGHER) SHALL BE 1-1/2" BELOW ADJACENT CONCRETE OR OTHER PAVED SURFACES.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON PLANTING PLAN. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ACCURATE PLANT COUNTS. IF ANY DISCREPANCIES SHOULD ARISE WITH REGARDS TO PLANT QUANTITIES THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT WITHIN A PERIOD OF 48 HOUR FOR DISCUSSION.
- CONTRACTOR TO STAKE ALL TREE, PALM, AND SHRUB LOCATIONS FOR LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO PLANTING.
- LANDSCAPE ARCHITECT WILL NOT BE RESPONSIBLE FOR LOCATION AND PLACEMENT OF TREES AND PALMS UNLESS THE LOCATION WAS APPROVED BY LANDSCAPE ARCHITECT.
- ALL TREE AND PALM CANOPIES MUST BE A MINIMUM OF 3'-5' FROM ANY BUILDING WALLS OR BUILDING WINDOWS WHEN THE PLANT REACHES ITS MATURE SIZE.
- ALL PLANT MATERIALS SHALL BE SIZED ACCORDING TO THE ARIZONA NURSERY ASSOCIATION STANDARDS. PLANT MATERIAL SIZES NOT ESTABLISHED PER A.N.A. STANDARDS SHALL BE SIZED ACCORDING TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS.
- ALL NEWLY INSTALLED TREES ARE TO BE STAKED IN PLACE PER THE LANDSCAPE ARCHITECT'S DETAILS FOUND WITHIN THE PLAN SET OR WITHIN THE LANDSCAPE ARCHITECT'S DETAIL AND SPECIFICATION BOOKLET DEVELOPED FOR THE PROJECT.
- ACID ETCH IMPERVIOUS SOILS AS REQUIRED AT PROPOSED TREE LOCATIONS TO ENSURE PLANT HEALTH AND VITALITY.
- SUB-CONTRACTOR TO TREAT ALL D.G. AREAS WITHIN THE LIMITS OF CONSTRUCTION WITHONE FINAL APPLICATION OF AN APPROVED PRE-EMERGENT HERBICIDE AT THE TIME OF ACCEPTANCE BY THE OWNER.
- CACTI SHALL RECEIVE NO SUPPLEMENTAL IRRIGATION UNLESS OTHERWISE NOTED OR IDENTIFIED WITHIN THE LANDSCAPE ARCHITECT'S IRRIGATION DRAWINGS.
- NO PLANT SUBSTITUTIONS, TYPE, OR QUANTITY DEVIATIONS FROM THE APPROVED LANDSCAPE OR IRRIGATION PLANS WITHOUT PERMISSION FROM THE LANDSCAPE ARCHITECT.
- EXISTING TREES AND SHRUBS IN R.O.W. TO REMAIN OR BE RELOCATED BY CONTRACTOR. ANY PLANT MATERIAL DAMAGED OR DESTROYED WILL BE REPLACED IN KIND BY THE CONTRACTOR.
- ALL LANDSCAPE AREAS SHALL RECEIVE 2" DESERT PAVEMENT UNLESS NOTED. COLOR TO BE SELECTED BY OWNER UNLESS NOTED. ALL D.G. SAMPLES SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL.
- ROUGH GRADING TO WITHIN +0.10 FOOT, INCLUDING ALL BERMS AND/OR SWALES AND RETENTION AREAS WILL BE PROVIDED BY BUILDER / DEVELOPER OR THE OWNER'S AGENT PRIOR TO PLANT INSTALLATION.
- ANY DISCREPANCIES FOUND BETWEEN PLANS, SPECIFICATIONS, AND SITE SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR RESOLUTION.
- THE LANDSCAPE ARCHITECT HAS THE OPTION TO REJECT ANY PLANT MATERIALS DEEMED UNACCEPTABLE UPON DELIVERY TO SITE.
- ACKNOWLEDGE REQUIREMENT OF COUNTY DUST CONTROL PERMIT AND LANDSCAPE PERMIT FOR ALL LANDSCAPE WORK WITHIN THE PROJECT ON RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL SUBDIVISIONS.
- TREES, SHRUBS, VINES, GROUND COVER, AND TURF WHICH HAVE TO BE REPLACED UNDER TERMS OF THE GUARANTEE. SHALL BE GUARANTEED FOR AN ADDITIONAL SIXTY (90) DAYS FROM THE DATE OF REPLACEMENT.
- ALL POOLS, SIGNS AND MONUMENT WALLS REQUIRE A SEPARATE BUILDING APPROVAL AND PERMITS.
- THE CONTRACTOR SHALL PROVIDE ALL REQUIRED SHOP DRAWINGS TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO THE BEGINNING OF CONSTRUCTION. REQUIRED SHOP DRAWINGS MAY INCLUDE BUT ARE NOT LIMITED TO WALLS, COLUMNS, ENTRY GATES, POOL FENCE AND/OR WATER FEATURES. SHOULD A DISPUTE ARISE WITH ANY DESIGN ELEMENT REQUIRING SHOP DRAWINGS, THE LANDSCAPE ARCHITECT SHALL ONLY ASSUME RESPONSIBILITY IF THE SHOP DRAWINGS IN QUESTION HAVE BEEN REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT.
- ALL TREES WITHIN THE SIGHT TRIANGLE AND DISTANCE AREAS SHALL BE MAINTAINED TO A MINIMUM CANOPY CLEARANCE OF 7'-0".
- TREES ADJACENT TO PEDESTRIAN WALKWAYS ARE TO HAVE A MINIMUM CLEARANCE OF 6'-8
- THERE ARE EXISTING TREES ON SITE.



vicinity map

not to scale

irrigation notes

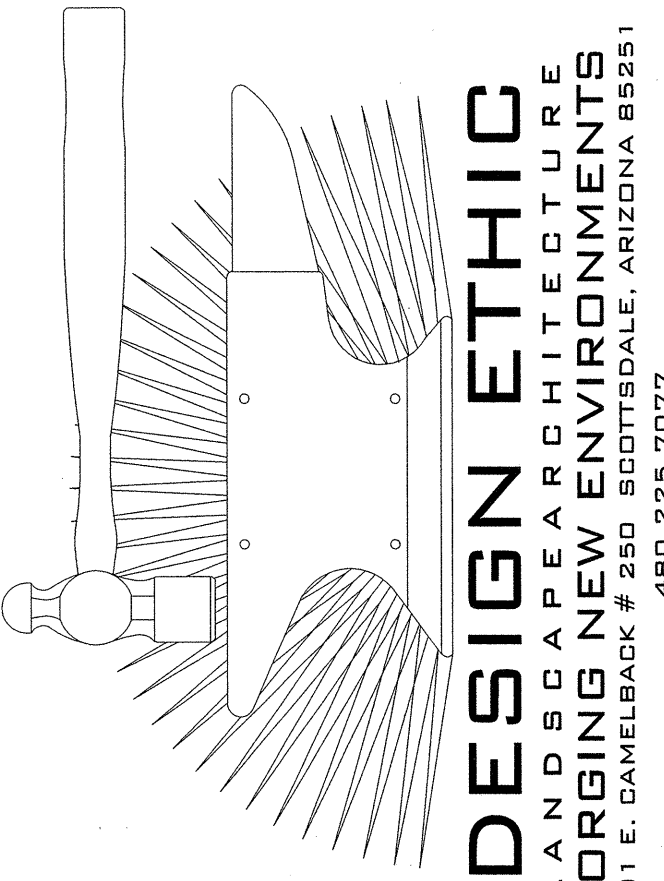
(not approved by city)

- IRRIGATION DESIGN SHALL COMPLY WITH THE INTENT OF THE CITY/TOWN OF PHOENIX WATER CONSERVATION, LANDSCAPING AND WATER WASTE ORDINANCE.
- CONTRACTOR TO CONTACT THE LOCAL UNDERGROUND UTILITY SERVICES FOR UTILITY LOCATION AND IDENTIFICATION.
- STAKE ALL UTILITIES, INCLUDING SEWER AND DRAINAGE PRIOR TO ANY EXCAVATION. CONFLICTS SHALL BE REPORTED TO THE ARCHITECT/LANDSCAPE ARCHITECT FOR RESOLUTION.
- PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND IF NECESSARY, BY HAND. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OR DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
- REFER TO CIVIL ENGINEER'S UTILITY AND PRECISE GRADING PLANS FOR UTILITY LOCATION AND FINAL GRADING. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS, CONTACT THE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED. VERIFY LOCATIONS OF PERTINENT SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT ARCHITECT FOR INSTRUCTIONS PRIOR TO COMMENCING WORK.
- THE DESIGN OF THE IRRIGATION SYSTEM SHALL BE THE RESPONSIBILITY OF OF THE CONTRACTOR PER THE PROJECT SPECIFICATIONS. THE CONTRACTOR SHALL SUBMIT IRRIGATION AS-BUILT DESIGN DRAWINGS AND ASSOCIATED DOCUMENTATION TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. THE IRRIGATION SYSTEM SHALL BE RUN WITH A FULLY AUTOMATED IRRIGATION CONTROLLER. RUN TIME SHALL BE ADJUSTED ACCORDING TO SEASON, LOCATION AND PLANT PERFORMANCE. DRIP EMITTERS SHALL BE USED FOR ALL PLANT MATERIAL EXCEPT SOD AND POSSIBLY PERENNIAL GROUNDCOVERS. THESE AREAS SHALL BE IRRIGATED WITH SPRAY EMITTERS APPROPRIATELY DESIGNED TO AVOID OVERSPRAY ONTO IMPERMEABLE SURFACES AND ADJACENT PAVING.
- IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
- IF THERE ARE ANY DISCREPANCIES WITH VALVE SIZES, METER SIZES, MAINLINE SIZES, WATER PRESSURE, COVERAGE, CONTROLLER SIZES, OBSTRUCTIONS, GRADE DIFFERENCES OR LAYOUT - THE CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT WITHIN ONE BUSINESS DAY TO DISCUSS AND ADDRESS THE ISSUE(S).
- DEPTH OF BURY OF THE MAINLINE SHALL BE A MINIMUM OF 18". DEPTH OF BURY ON LATERAL PIPING SHALL BE A MINIMUM OF 12". THE MAIN LINE AND LATERAL LINES SHALL BE SCHEDULE 40 PVC SOLVENT WELD PIPE WITH INTEGRAL SOLVENT WELD BELLS. CURVED TRENCHES AND BENDING OF PIPE TO AVOID FITTINGS WILL NOT BE ACCEPTED.
- FOR METERS THAT OPERATE MORE GALLONS PER MINUTE (G.P.M.) THAN THE METER'S CAPACITY, CONTRACTOR SHALL PROGRAM THE CONTROLLER TO OPERATE VALVES TO THE MAXIMUM METER CAPACITY. A METER MAY NEED TO HAVE SEVERAL RUN TIMES TO OPERATE ALL VALVES ASSOCIATED WITH THE METER.
- POINT OF CONNECTION: A CONNECTION TO POTABLE WATER FOR IRRIGATION PURPOSES WILL BE MADE ON THE PROPERTY. SEE UTILITY PLANS FOR EXACT LOCATION OF METER. VALVE BOXES AND EQUIPMENT SHALL BE SHIELDED FROM VIEW. CONTRACTOR TO VERIFY WATER PRESSURE AT WATER METER PRIOR TO START OF WORK. A BOOSTER PUMP MAY BE REQUIRED IF THE PRESSURE IS TOO LOW.
- BACKFLOW PREVENTOR TO BE VERIFIED IN FIELD BY LANDSCAPE ARCHITECT OR OWNER PRIOR TO INSTALLATION.
- ELECTRICAL POWER/PEDESTAL(S) LOCATIONS TO BE PROVIDED BY OTHERS. FINAL LOCATION OF CONTROLLER TO BE STAKED AND APPROVED BY LANDSCAPE ARCHITECT OR OWNER PRIOR TO INSTALLATION.
- ALL 24 VOLT WIRING FROM CONTROLLER TO ELECTRIC VALVES SHALL BE MINIMUM 14 GAUGE SOLID COPPER DIRECT BURIAL WIRE.
- PER ARIZONA HOUSE BILL 2256, A BLUE 18 GAUGE TRACER WIRE SHALL BE INSTALLED WITH 2" AND LARGER MAINLINES, 6" INCHES OF WHICH SHALL BE COILED INSIDE THE CONTROLLER.
- MAINLINE AND LATERAL PIPING IS SCHEMATIC. LOCATE ALL MAINLINES AND EQUIPMENT OUTSIDE OF THE PUBLIC R.O.W. AND P.U.E. BUT WITHIN THE LANDSCAPE AREAS. CONTRACTOR TO ADJUST AS NECESSARY IN FIELD.
- ALL MAINLINES, LATERAL LINES AND WIRING UNDER PAVEMENT TO BE IN SEPARATE SCHEDULE 80 PVC SLEEVES. PVC SCHEDULE SLEEVES SHALL BE A MINIMUM INSIDE DIAMETER OF 2 TIMES THE IRRIGATION LINE DIAMETER. VALVE WIRING SHALL BE WITHIN SEPARATE ADJACENT SLEEVE.
- THE CONTRACTOR SHALL PROVIDE IN-LINE AND/OR SPRINKLER CHECK VALVES AS REQUIRED THROUGHOUT THE IRRIGATION SYSTEM LOCATED WITHIN A SLOPED AREAS TO PREVENT LOW IRRIGATION HEAD DRAINAGE.
- PROVIDE SEPARATE VALVES FOR TREES AND SHRUBS. ALL DRIP ZONE PVC SHALL BE A MINIMUM 3/4" CLASS 200.
- ALL PIPING IS TO BE FLUSHED FOR A PERIOD OF 10 MINUTES PRIOR TO THE INSTALLATION OF EMITTERS. CONTRACTOR SHALL BE RESPONSIBLE FOR NECESSARY FLUSHING OF SYSTEM DUE TO CLOGGING FOR THE DURATION OF THE LANDSCAPE MAINTENANCE PER SPECIFICATIONS.
- MAXIMUM LENGTH OF MICROTUBING ON DRIP ZONE TO BE 5' WITH 6" MIN. EXPOSED AT THE EMITTER END.
- CONTRACTOR TO GUARANTEE 100% IRRIGATION COVERAGE FOR ALL LAWN AREAS. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY LAWN AREAS WITHOUT FULL COVERAGE.
- IRRIGATION HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE UNLESS OTHERWISE SPECIFIED.

plant legend

(see sheet L.02 for size & qty)

	botanical name common name	emitters	size	qty	comments
trees					
	OLNEYA TESOTA 'AZT' 'AZT' DESERT IRONWOOD	(5 @ 1.0 GPH)	2" CAL.	3	8.0 H., 6.0 W., 2.0 CAL. STAKE IN PLACE
	PARKINSONIA MICROPHYLLUM FOOTHILLS PALO VERDE	(5 @ 1.0 GPH)	1" CAL.	4	5.0 H., 4.0 W., 1.0 CAL. STAKE IN PLACE
shrubs					
	ENCELIA FARINOSA BRITTLEBUSH	(1 @ 1.0 GPH)	5 GAL.	50	PLANT AT 4' O.C.
	JUSTICIA SPICIGERA MEXICAN HONEYSUCKLE	(1 @ 1.0 GPH)	5 GAL.	24	
	MYRTUS COMMUNIS COMMON MYRTLE	(1 @ 1.0 GPH)	5 GAL.	14	
	LARREA TRIDENTATA CREOSOTE	(1 @ 1.0 GPH)	5 GAL.	19	PLANT AT 7' O.C.
	PLUMBAGO AURICULATA CAPE PLUMBAGO	(1 @ 1.0 GPH)	5 GAL.	8	
	RUPELLIA BRITTONIANA MEXICAN PETUNIA	(1 @ 1.0 GPH)	5 GAL.	24	
	RUSSELLIA EQUISETIFORMIS CORAL FOUNTAIN	(1 @ 1.0 GPH)	5 GAL.	17	
	TECOMA STANS YELLOW BELLS	(1 @ 1.0 GPH)	5 GAL.	10	PLANT AT 7' O.C.
vines					
	FICUS PUMILA CREEPING FIG	(1 @ 1.0 GPH)	5 GAL.	21	PLANT AT 7' O.C.
accents					
	ALOPE X. BLUE ELF BLUE ELF ALOE	(1 @ 0.5 GPH)	5 GAL.	28	2'-0" MINIMUM HEIGHT
	ALOPE BARBADENSIS ALOPE VERA	(1 @ 0.5 GPH)	5 GAL.	6	3'-0" MINIMUM HEIGHT
	ALOPE FEROX CAPE ALOE	(1 @ 0.5 GPH)	5 GAL.	7	3'-0" MINIMUM HEIGHT
	ALOPE MACULATA SOAP ALOE	(1 @ 0.5 GPH)	5 GAL.	6	2'-0" MINIMUM HEIGHT
	BIZMARKIA NOBILIS BIZMARK PALM	(1 @ 0.5 GPH)	15 GAL.	3	5'-0" MINIMUM HEIGHT
	CARNEGIEA GIGANTEA SAGUARO		4' - 6' TALL SEE PLAN	10	5'-0" MINIMUM HEIGHT
	CYCAS REVOLUTA SAGO PALM	(1 @ 0.5 GPH)	15 GAL.	5	PLANT AT 4' O.C.
	EUPHORBIA TRICUCALI STICKS OF FIRE	(1 @ 0.5 GPH)	15 GAL.	3	PLANT AT 4' O.C.
	FEROCACCTUS CYLINDRACEUS COMPASS BARREL		1.5' TALL	23	1.5' MINIMUM HEIGHT
	FOUQUIERIA SPLENDENS OCOTILLO		SEE CANE. MIN.	6	15 CANE MINIMUM
	HESPERALOE FUNIFERA GIANT HESPERALOE	(1 @ 0.5 GPH)	5 GAL.	4	PLANT AT 5' O.C.
	OPUNTIA ENGALMANII ENGELMAN'S PRICKLY PEAR		5 PAD MIN.	10	PLANT AT 5' O.C.
	OPUNTIA VERSICOLOR STAGHORN CHOLLA		5 PAD MIN.	15	PLANT AT 5' O.C.
	PACHCREUS MARGINATUS MEXICAN FENCE POST	(1 @ 0.5 GPH)	5 GAL.	3	PLANT AT 5' O.C.
	YUCCA BACCATA BANANA YUCCA		5 GAL.	9	PLANT AT 5' O.C.
groundcover					
	AMBROSIA DELTOIDEA BURSAGE	(1 @ 1.0 GPH)	5 GAL.	37	PLANT AT 4' O.C.
	ERICAMERIA LARICIFOLIA TURPENTINE BUSH	(1 @ 1.0 GPH)	5 GAL.	30	PLANT AT 3' O.C.
	LANTANA 'NEW GOLD' NEW GOLD LANTANA	(1 @ 2.0 GPH)	1 GAL.	21	PLANT AT 3' O.C.
	SETCREASEA PALLIDA PURPLE HEART PLANT	(1 @ 2.0 GPH)	1 GAL.	48	PLANT AT 6' O.C.
	SPHAGNETICOLA TRILOBATA YELLOW DOT	(1 @ 2.0 GPH)	1 GAL.	8	PLANT AT 6' O.C.
inerts					
	TURF - HYBRID BERMUDA			917 SF	
	SELECT GRANITE BOULDERS		PER PLAN	6	2' X 2' MINIMUM
	WILD SEED - SONORAN DESERT UPLAND REVEG. MIX			9,334 SF	1lbs. / 2000 sf
	TOPDRESSING SALVAGED DESERT PAVEMENT	4"-MINUS DESERT PAVEMENT		190,508 S.F.	2" MINIMUM IN ALL PLANTERS
	CONCRETE HEADER EXTRUDED CONCRETE	4" X 6"		265 L.F.	



CALL TWO WORKING DAYS
BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

MORAN RESIDENCE
7026 NORTH 40TH STREET
PARADISE VALLEY , ARIZONA 85253
COVER SHEET & NOTES

PROJECT:

JOB NO: 18-034

DATE:

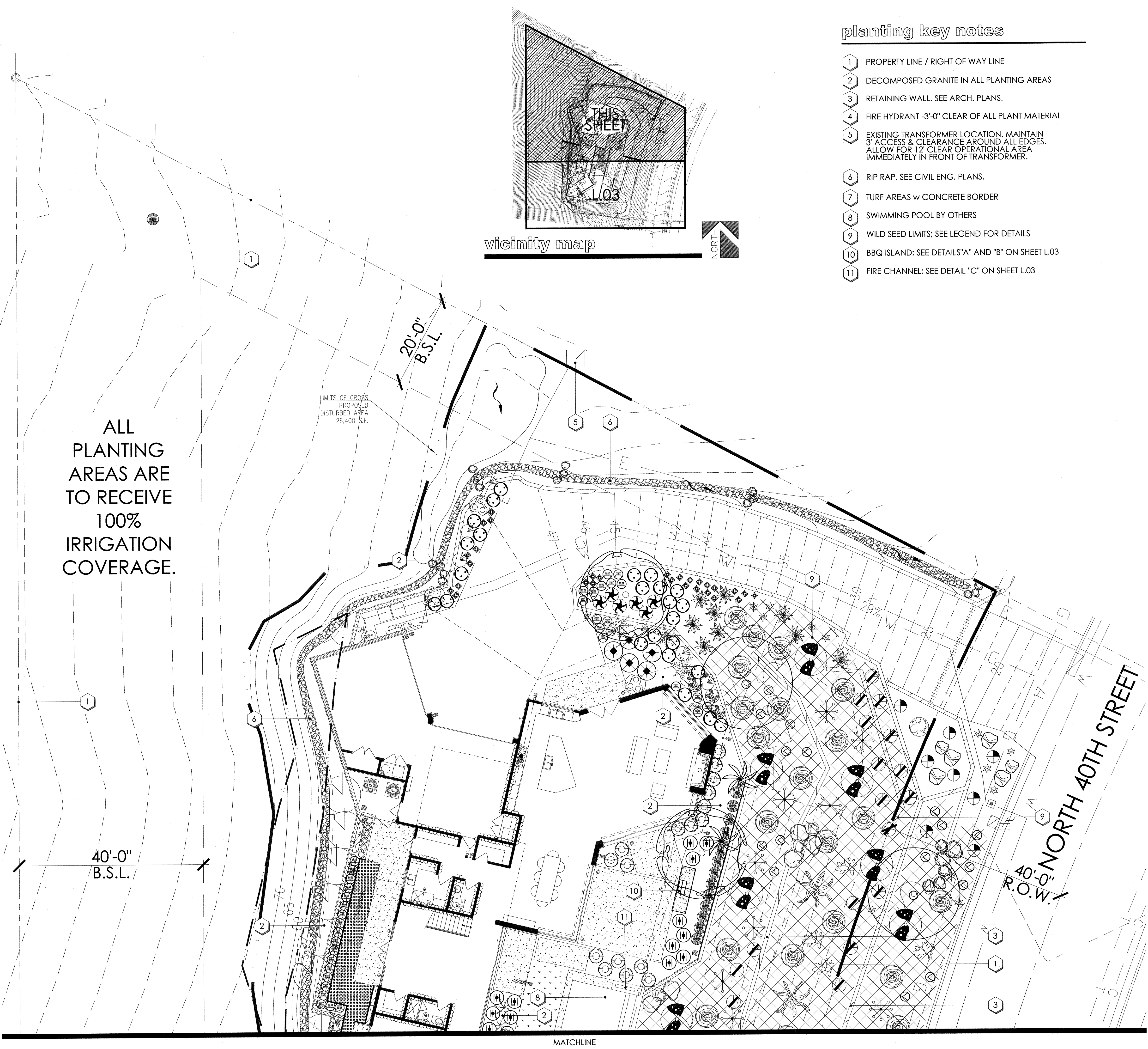
DRAWN BY: B. PAUL

SUBMITTED: 08.07.2018

REVISED:

SHEET

L.01 of L.06



ALL
PLANTING
AREAS ARE
TO RECEIVE
100%
IRRIGATION
COVERAGE.

vicinity map

planting key notes

- 1 PROPERTY LINE / RIGHT OF WAY LINE
- 2 DECOMPOSED GRANITE IN ALL PLANTING AREAS
- 3 RETAINING WALL. SEE ARCH. PLANS.
- 4 FIRE HYDRANT -3'-0" CLEAR OF ALL PLANT MATERIAL
- 5 EXISTING TRANSFORMER LOCATION. MAINTAIN 3' ACCESS & CLEARANCE AROUND ALL EDGES. ALLOW FOR 12' CLEAR OPERATIONAL AREA IMMEDIATELY IN FRONT OF TRANSFORMER.
- 6 RIP RAP. SEE CIVIL ENG. PLANS.
- 7 TURF AREAS w CONCRETE BORDER
- 8 SWIMMING POOL BY OTHERS
- 9 WILD SEED LIMITS; SEE LEGEND FOR DETAILS
- 10 BBQ ISLAND; SEE DETAILS "A" AND "B" ON SHEET L.03
- 11 FIRE CHANNEL; SEE DETAIL "C" ON SHEET L.03

plant legend

(see sheet L.02 for size & qty)

botanical name
common name

trees

- OLNEYA TESOTA 'AZT'
AZT DESERT IRONWOOD
- PARKINSONIA MICROPHYLLUM
FOOTHILLS PALO VERDE

shrubs

- ENCELIA FARINOSA
BRITTLEBUSH
- JUSTICIA SPICIGERA
MEXICAN HONEYSUCKLE
- MYRTUS COMMUNIS
COMMON MYRTLE
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CREOSOTE
- PLUMBAGO AURICULATA
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MEXICAN PETUNIA
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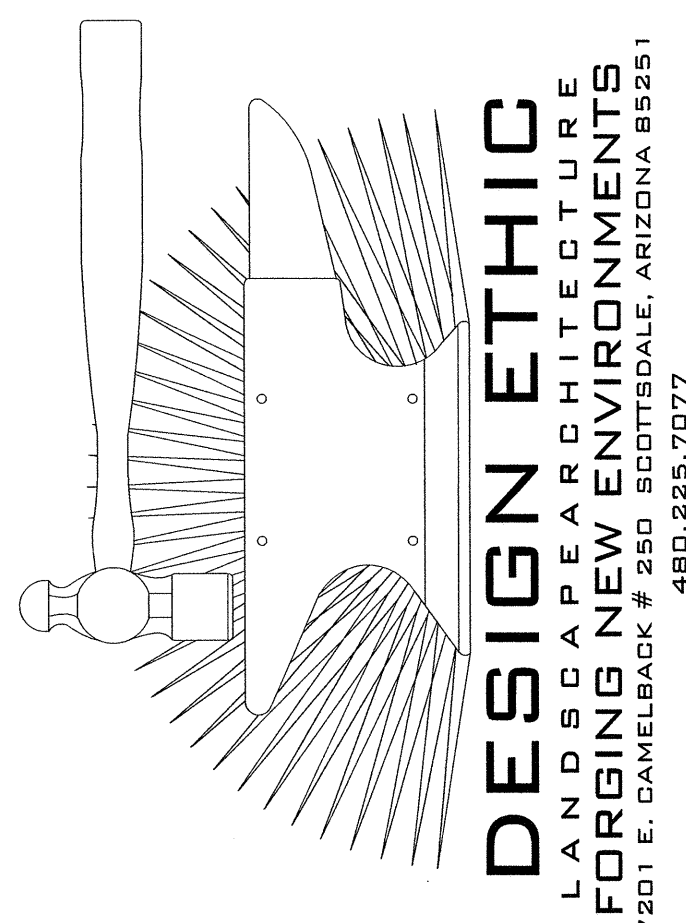
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BLUE ELF ALOE
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ALOE VERA
- ALOE FEROX
CAPE ALOE
- ALOE MACULATA
SOAP ALOE
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BIZMARK PALM
- CARNEGIEA GIGANTEA
SAGUARO
- CYCAS REVOLUTA
SAGO PALM
- EUPHORBIA TRICUCALLI
STICKS OF FIRE
- FEROCACTUS CYLINDRACEUS
COMPASS BARREL
- FOUQUIERIA SPLENDENS
OCOTILLO
- HESPERALOE FUNIFERA
GIANT HESPERALOE
- OPUNTIA ENGALMANII
ENGELMAN'S PRICKLY PEAR
- OPUNTIA VERSICOLOR
STAGHORN CHOLLA
- PACHICERUS MARGINATUS
MEXICAN FENCE POST
- YUCCA BACCATA
BANANA YUCCA

groundcover

- AMBROSIA DELTOIDEA
BURSAGE
- ERICAMERIA LARICIFOLIA
TURPENTINE BUSH
- LANTANA 'NEW GOLD'
NEW GOLD LANTANA
- SETCREASEA PALLIDA
PURPLE HEART PLANT
- SPHAGNETICOLA TRILOBATA
YELLOW DOT
- TURF - HYBRID BERMUDA

inerts

- SELECT GRANITE BOULDERS
- WILD SEED - SONORAN
DESERT UPLAND REVEG. MIX
- TOPDRESSING
SALVAGED DESERT PAVEMENT
- CONCRETE HEADER
EXTRUDED CONCRETE



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PLANTING PLAN

PROJECT:

JOB NO: 18-034

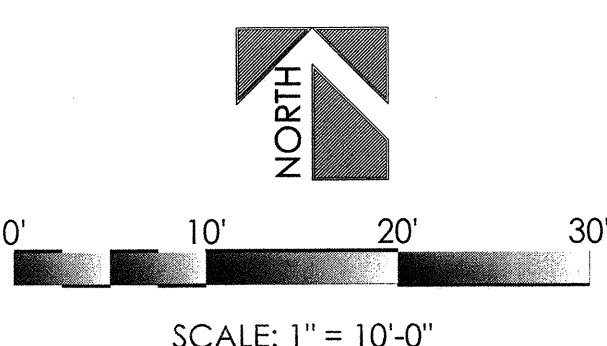
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DRAWN BY: B. PAUL

SUBMITTED: 08.07.2018

REVISED:

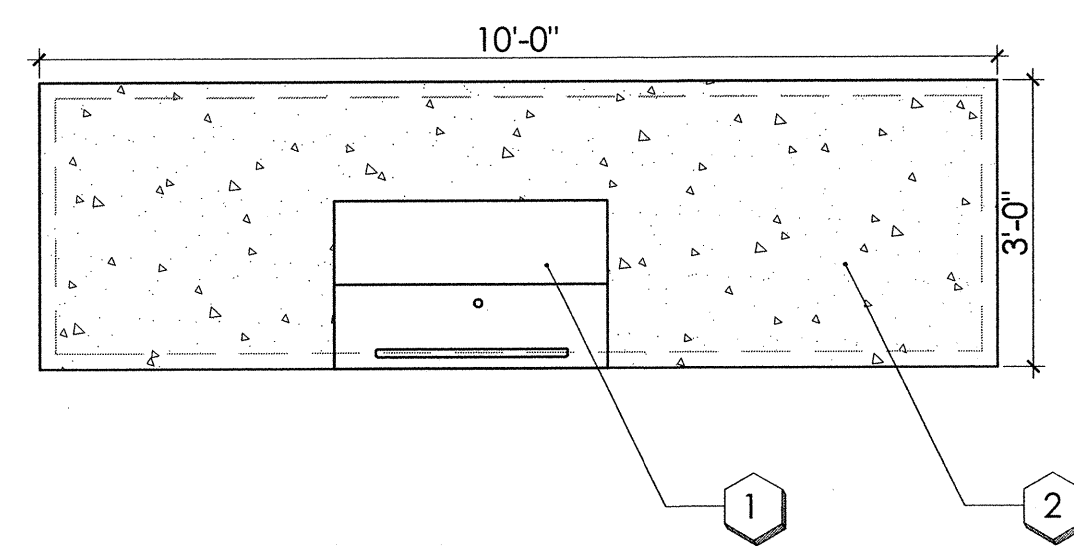
SHEET
L.02 of L.06





planting key notes

- 1 PROPERTY LINE / RIGHT OF WAY LINE
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key notes

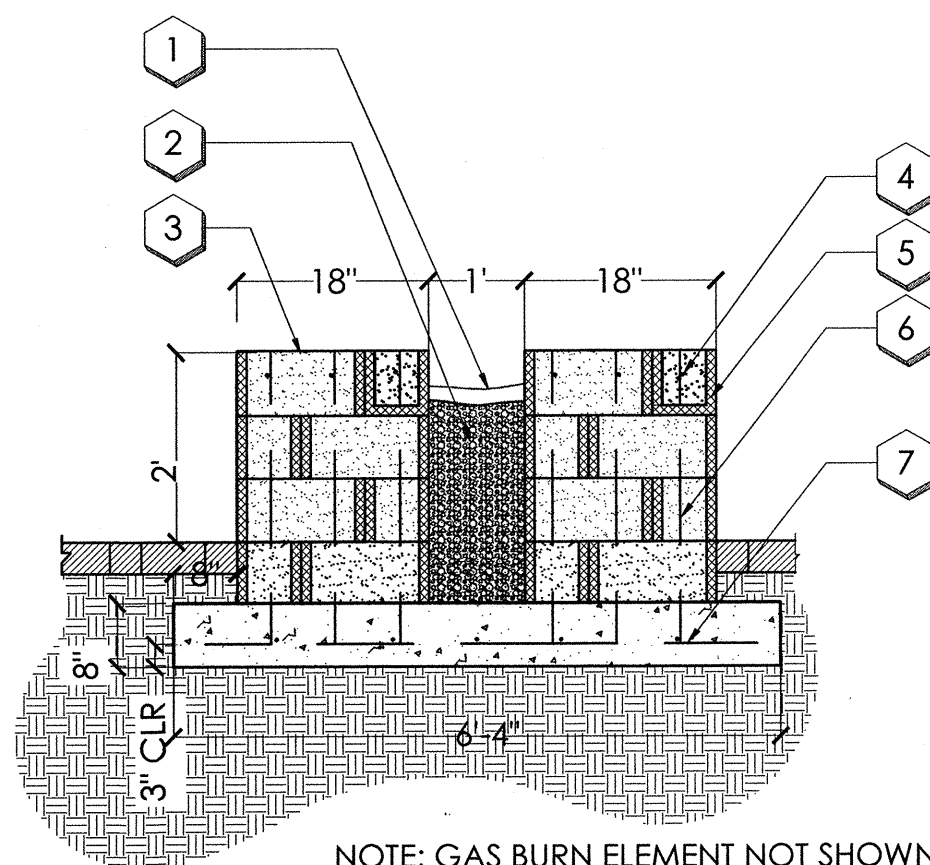
- 1 BBQ GAL. # 368433 - TURBO ELITE 5B +RB NGL CUT OUT DIMENSIONS: 38.5" (W) X 19.75" (D) X 9.5" (H) PRODUCT DIMENSIONS: 39.75" (W) X 25" (D) X 9" (H)
- 2 3" THICK POURED IN PLACE CONCRETE

A 36" W BBQ @ 36" H

SCALE: 1/2" = 1'-0"

key notes

- 1 1" TO 3" COLORED GLASS
- 2 FILL INNER SPACE WITH PEA GRAVEL TO WITHIN 18" OF TOP
- 3 20" X 4" CONCRETE CAP.
- 4 #4 CONT. IN GROUTED BOND BEAM
- 5 8" X 8" X 16" CMU BLOCK WITH TRAVERTINE SIDES
- 6 #4 @ 32" O.C. IN GROUTED CELLS
- 7 #4 CONT. IN 2800 P.S.I. CONC. FOOTING
- 8 CONTRACTOR TO TIE GAS LINE FROM EXISTING BBQ AT RESIDENCE INTO FIRE PIT.



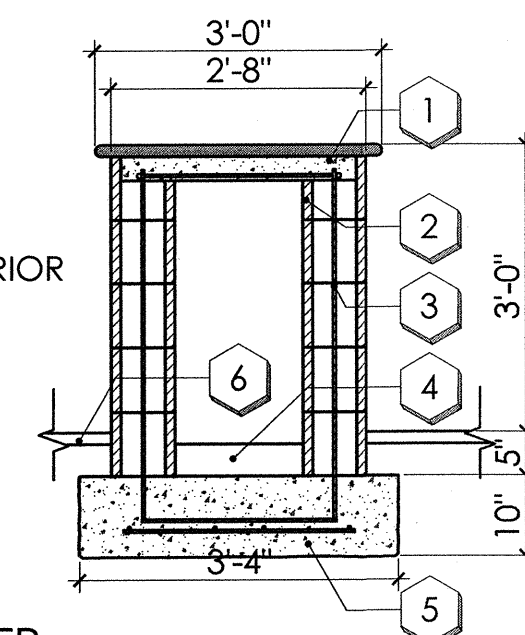
NOTE: GAS BURN ELEMENT NOT SHOWN

C FIRE CHANNEL DETAIL

SCALE: 1/2" = 1'-0"

key notes

- 1 3" COUNTERTOP
- 2 8" CMU BLOCK
- 3 #4 REBAR SUPPORT
- 4 POURED CONCRETE INTERIOR
- 5 CONCRETE FOOTING 2500 PSI
- 6 DECKING



B 3'-0" H BBQ COUNTER

SCALE: 1/2" = 1'-0"

plant legend

(see sheet L.02 for size & qty)

botanical name
common name

trees



shrubs

- ENCELIA FARINOSA BRITTLEBUSH
- JUSTICIA SPICIGERA MEXICAN HONEYSUCKLE
- MYRTUS COMMUNIS COMMON MYRTLE
- LARREA TRIDENTATA CREOSOTE
- PLUMBAGO AURICULATA CAPE PLUMBAGO
- RUELLIA BRITTONIANA MEXICAN PETUNIA
- RUSSELLIA Equisetiformis CORAL FOUNTAIN
- TECOMA STANS YELLOW BELLS

vines

- FICUS PUMILA CREEPING FIG

accents

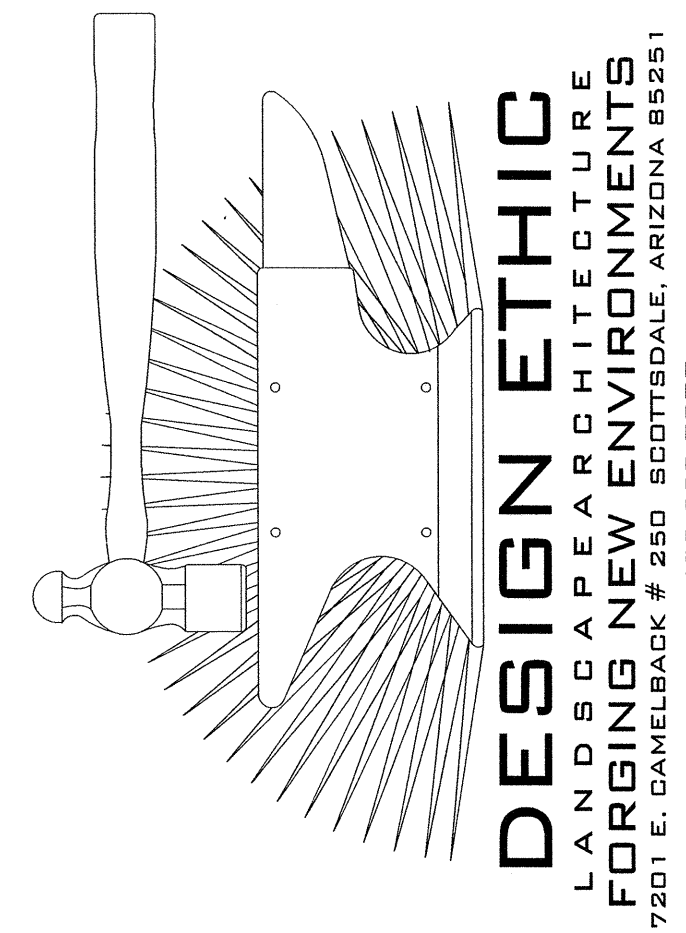
- ALOE X. BLUE ELF BLUE ELF ALOE
- ALOE BARBADENSIS ALOE VERA
- ALOE FEROX CAPE ALOE
- ALOE MACULATA SOAP ALOE
- BIZMARKIA NOBILIS BIZMARK PALM
- CARNEGIEA GIGANTEA SAGUARO
- CYCAS REVOLUTA SAGO PALM
- EUPHORBIA TRICUCALLI STICKS OF FIRE
- FEROCACTUS CYLINDRACEUS COMPASS BARREL
- FOUQUIERIA SPLENDENS OCOTILLO
- HESPERALOE FUNIFERA GIANT HESPERALOE
- OPUNTIA ENGELMANII ENGELMAN'S PRICKLY PEAR
- OPUNTIA VERSICOLOR STAGHORN CHOLLA
- PACHICERUS MARGINATUS MEXICAN FENCE POST
- YUCCA BACCATA BANANA YUCCA

groundcover

- AMBROSIA DELTOIDEA BURSAGE
- ERICACAMERIA LARICIFOLIA TURPENTINE BUSH
- LANTANA 'NEW GOLD' NEW GOLD LANTANA
- SETCREASEA PALLIDA PURPLE HEART PLANT
- SPHAGNETICOLA TRILOBATA YELLOW DOT
- TURF - HYBRID BERMUDA

inerts

- SELECT GRANITE BOULDERS
- WILD SEED - SONORAN DESERT UPLAND REVEG. MIX
- TOPDRESSING SALVAGED DESERT PAVEMENT
- CONCRETE HEADER EXTRUDED CONCRETE



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1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

MORAN RESIDENCE
7026 NORTH 40TH STREET
PARADISE VALLEY, ARIZONA 85253
PLANTING PLAN

PROJECT:

JOB NO: 18-034

DATE:

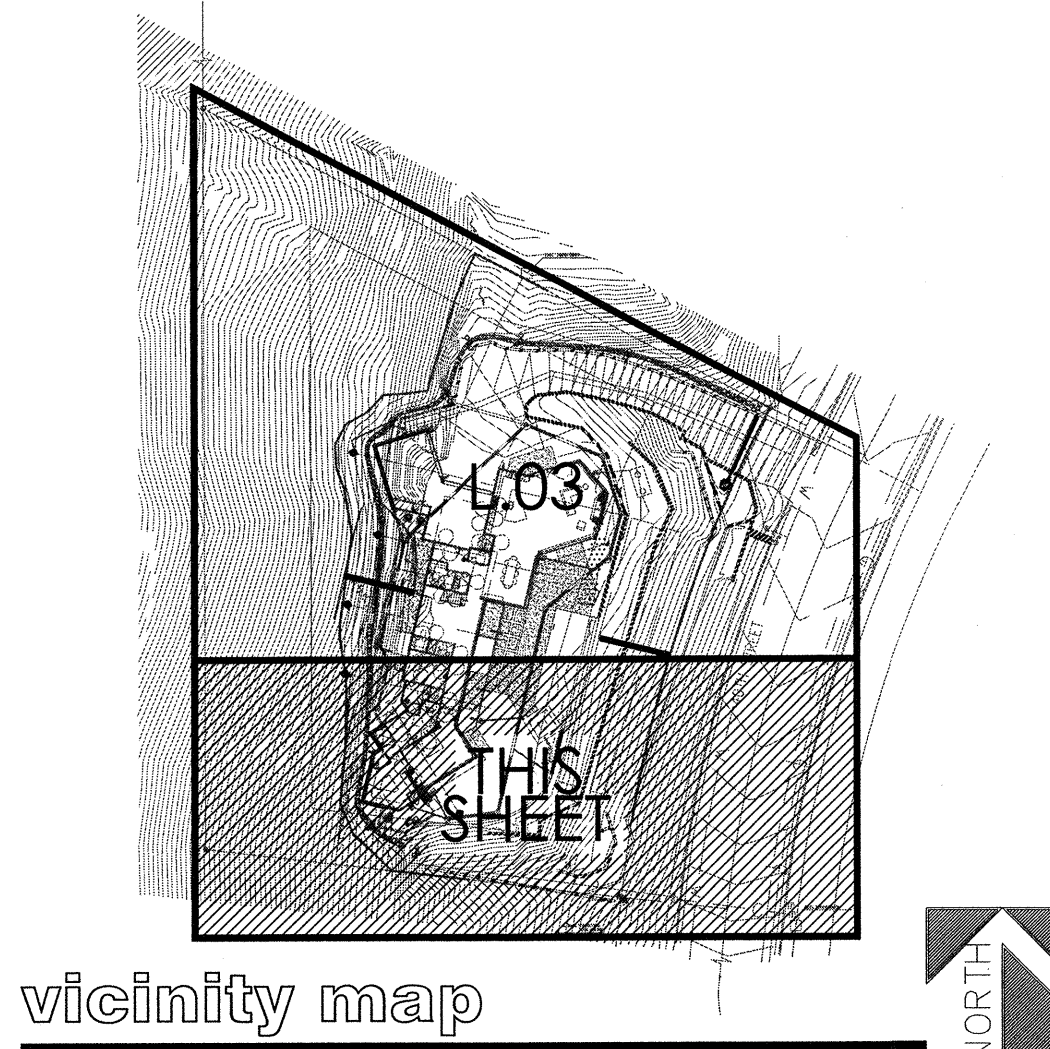
DRAWN BY: B. PAUL

SUBMITTED: 08.07.2018

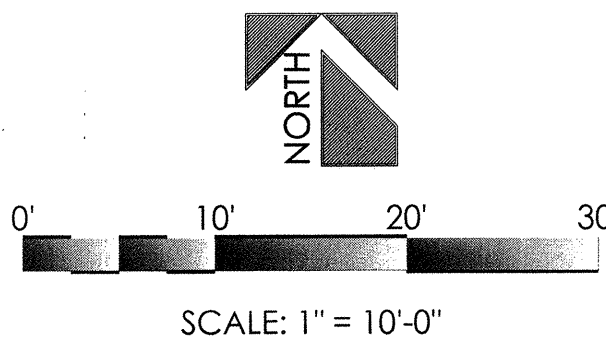
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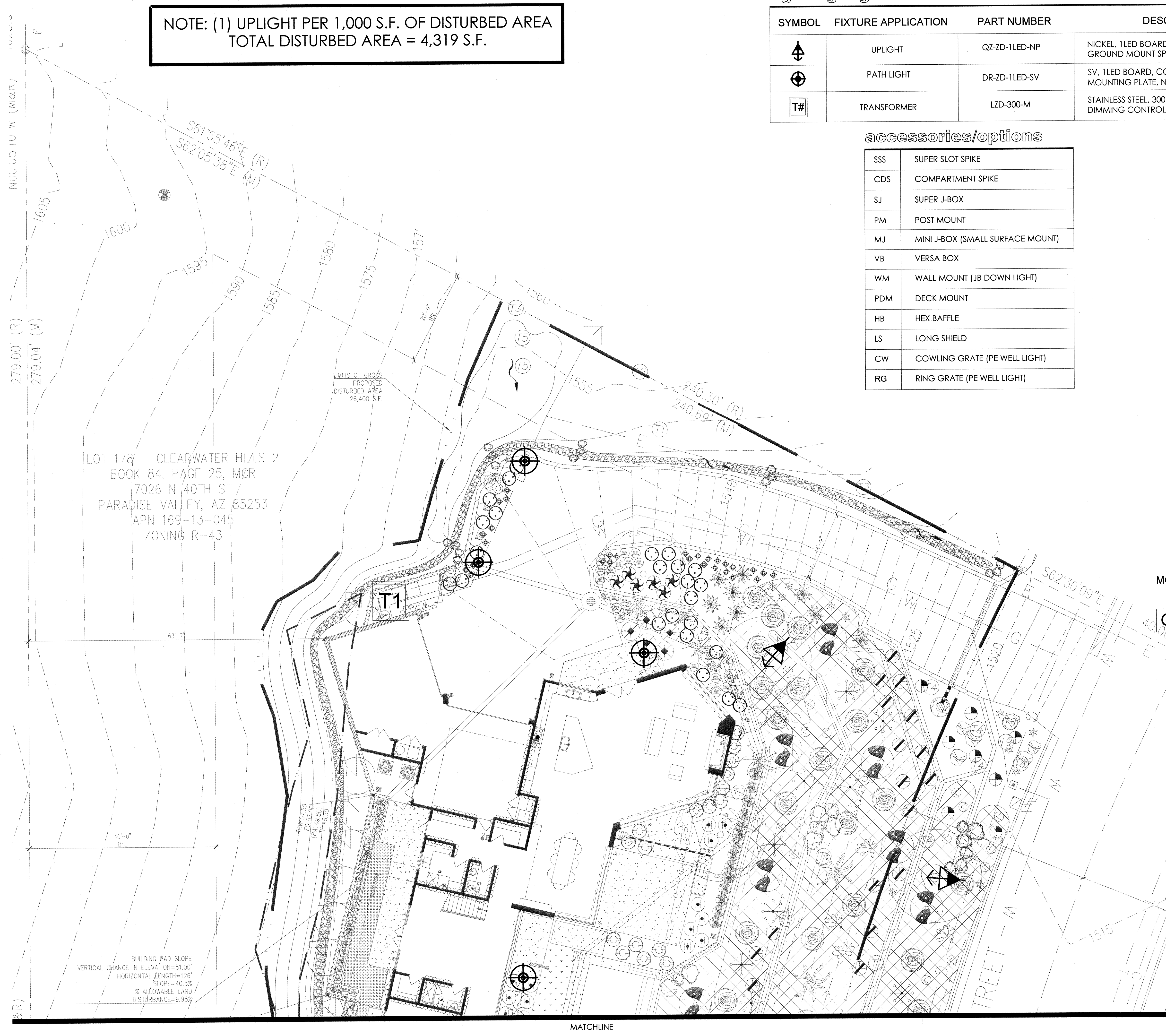
SHEET

L.03 of L.06



vicinity map





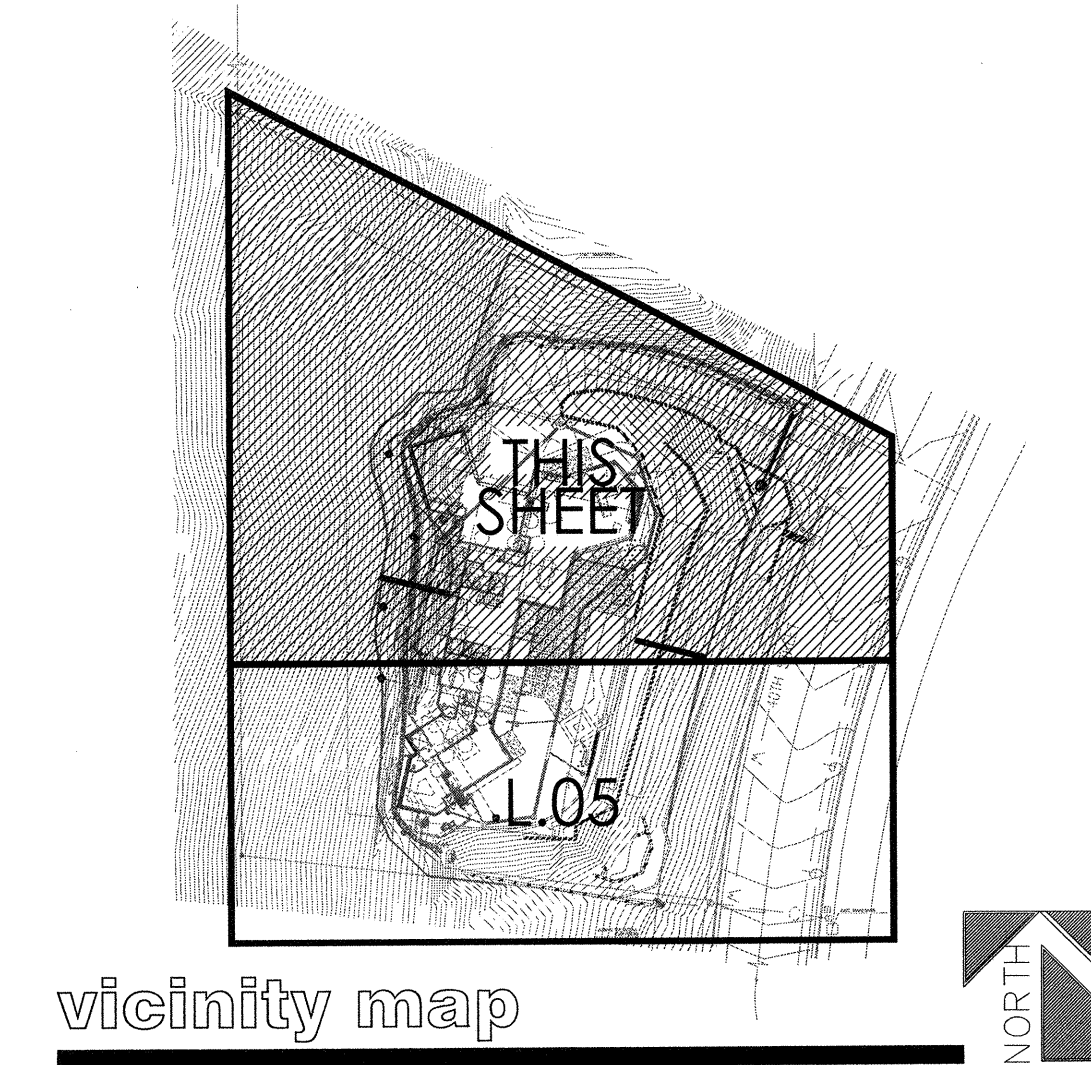
NOTE: (1) UPLIGHT PER 1,000 S.F. OF DISTURBED AREA
TOTAL DISTURBED AREA = 4,319 S.F.

lighting legend

SYMBOL	FIXTURE APPLICATION	PART NUMBER	DESCRIPTION	LIGHT COLOR	QTY
	UPLIGHT	QZ-ZD-1LED-NP	NICKEL, 1LED BOARD, COLOR FILTERS, 4.5 VA, GROUND MOUNT SPIKE, NICKEL PLATE FINISH	3000 K	4
	PATH LIGHT	DR-ZD-1LED-SV	SV, 1LED BOARD, COLOR FILTERS, 2.4 VA, MOUNTING PLATE, NATURAL BRASS FINISH	3000 K	8
	TRANSFORMER	LZD-300-M	STAINLESS STEEL, 300W, DIGITAL ZONING AND DIMMING CONTROL W/ LCD DISPLAY	-	1

accessories/options

SSS	SUPER SLOT SPIKE
CDS	COMPARTMENT SPIKE
SJ	SUPER J-BOX
PM	POST MOUNT
MJ	MINI J-BOX (SMALL SURFACE MOUNT)
VB	VERSA BOX
WM	WALL MOUNT (JB DOWN LIGHT)
PDM	DECK MOUNT
HB	HEX BAFFLE
LS	LONG SHIELD
CW	COWLING GRATE (PE WELL LIGHT)
RG	RING GRATE (PE WELL LIGHT)

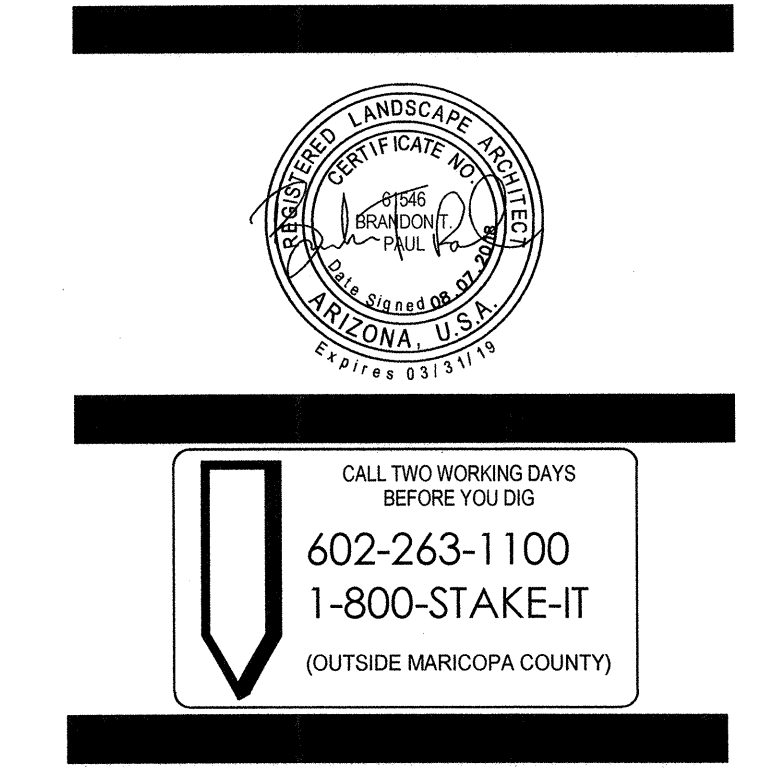
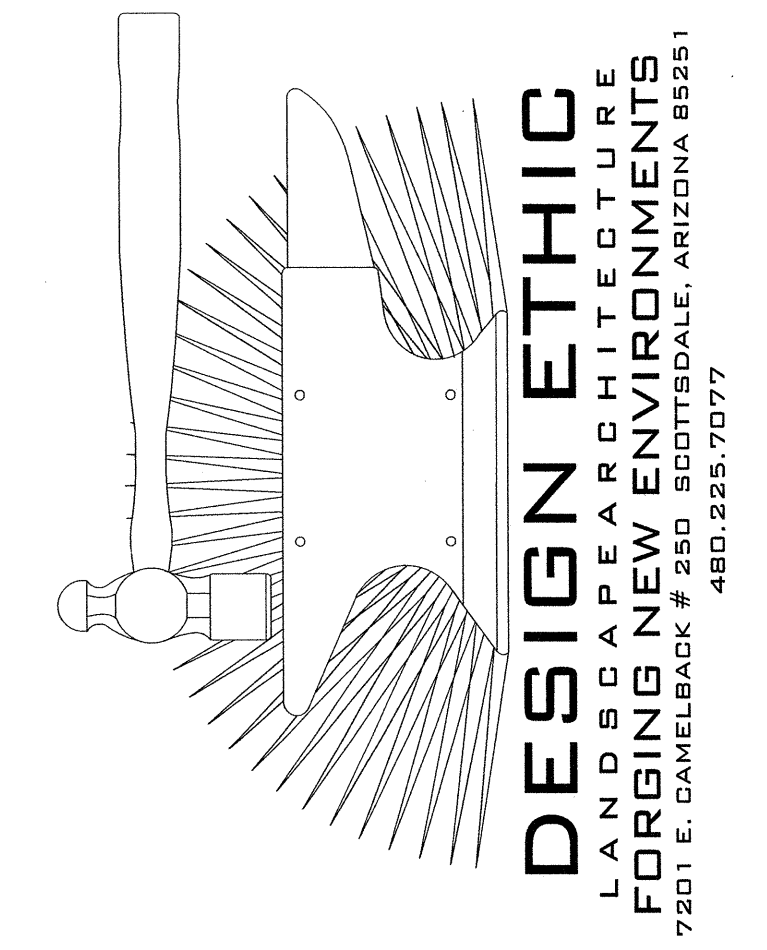
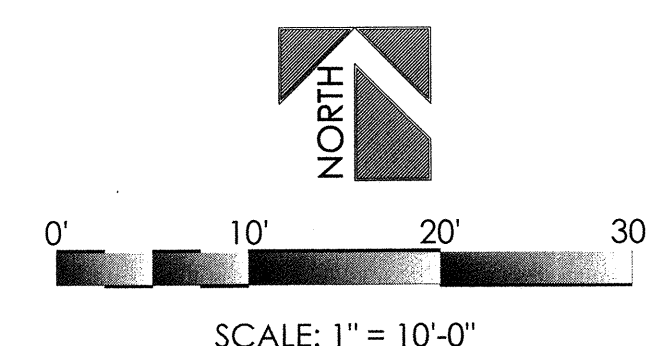


MODEL	ZD OPTION	LED TYPE	ACCESSORIES/ OPTIONS	FINISH
QZ	ZD	1LED	LS	SV

SCOPE OF WORK:
The supply and installation of a 12 volt landscape lighting system which includes the fixtures specified on Lighting Legend as well as the installation of low voltage transformers and direct burial cable necessary to complete layout as shown. This lighting plan is diagrammatic and is intended to show general fixture locations and utilities. Contractor is responsible for necessary line (120v) and low voltage (12v) work to complete the lighting design as shown.

STANDARDS:
All work performed is to comply with the Uniform Building Code, and all local codes and ordinances. Contractor shall possess all necessary licenses to complete described work and shall carry general liability and workmen's compensation insurance. Contractor is to obtain all necessary permits to complete work described.

FXLANMOD 1 EACH CONTROLLER
FXLAM. 1. PER PROJECT
NOTE: A DEDICATED CAT5 CABLE TO BE RUN. DAISY CHAIN CONTROLLERS TOGETHER.
AN ADDITIONAL CAT5 TO RUN FROM A CONTROLLER TO A ROUTER WITHIN THE HOME.



MORAN RESIDENCE
7026 NORTH 40TH STREET
PARADISE VALLEY , ARIZONA 85253

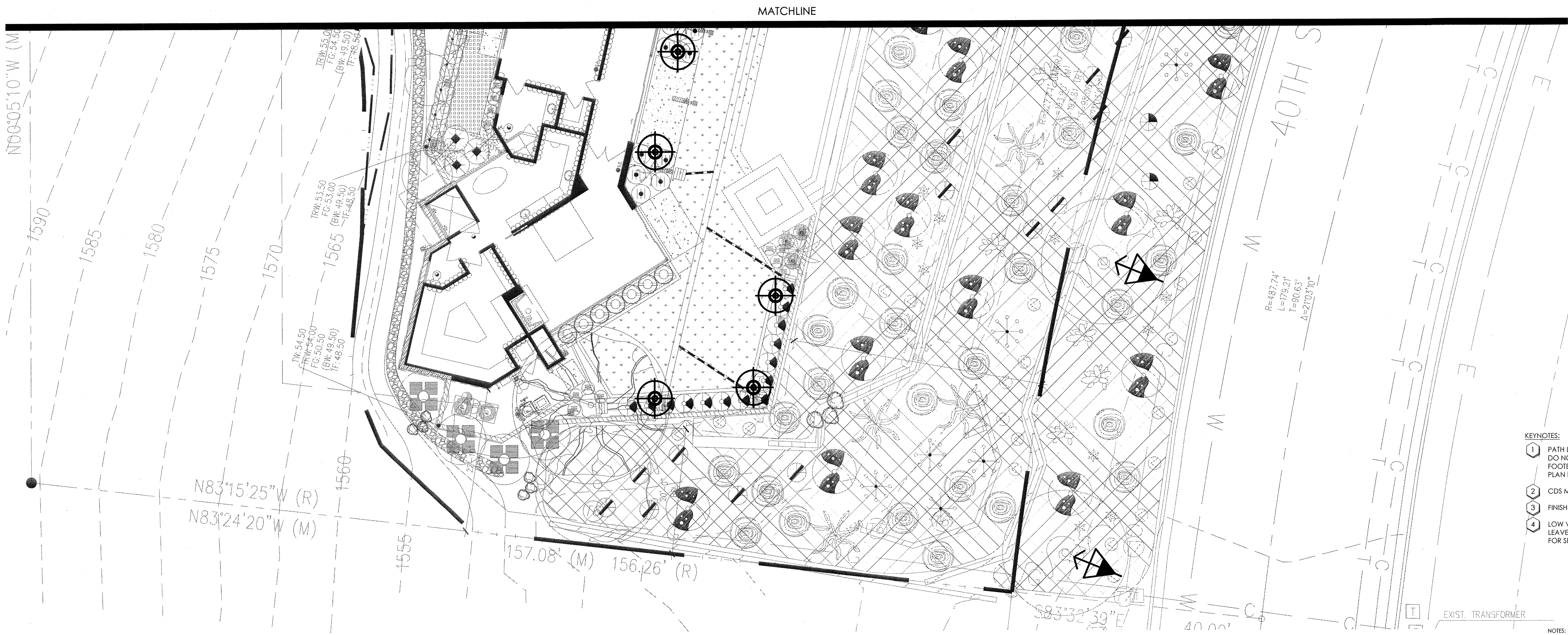
LIGHTING PLAN

PROJECT:

JOB NO: 18-034
DATE:
DRAWN BY: B. PAUL
SUBMITTED: 08.07.2018
REVISED:

SHEET

L.04 of L.06



NOTE: (1) UPLIGHT PER 1,000 S.F. OF DISTURBED AREA
TOTAL DISTURBED AREA = 4,319 S.F.

lighting legend

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HB	HEX BAFFLE
LS	LONG SHIELD
CW	COWLING GRATE (PE WELL LIGHT)
RG	RING GRATE (PE WELL LIGHT)

FXLuminaire.

Accent Lights

The FX Luminaire DR is one of our most popular path lights. The oversized hex keeps light directed downward for controlled pathway and plant illumination without objectionable glare. The DR is constructed from die-cast aluminum alloy, and the heat is relieved from solid T-6062 aluminum alloy for landscape longevity and strength. The DR incorporates a halogen strip assembly for high output and long life, making it perfect for high-impact environments.

FXLuminaire.

Incandescent Path Lights

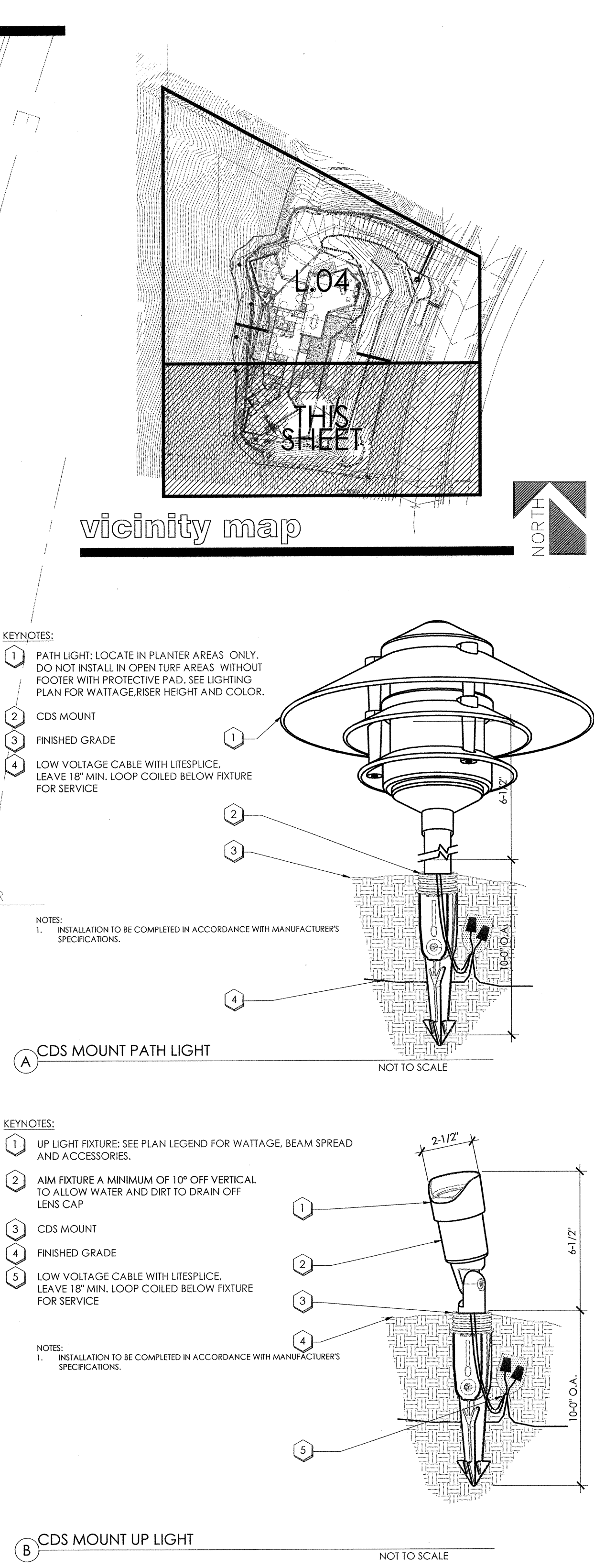
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FB: Up Light

WATTAGE	10 WATT	20 WATT	30 WATT
MINIMUM VOLTAGE	10 VOLT	20 VOLT	30 VOLT
MINIMUM CURRENT	0.10 AMP	0.20 AMP	0.30 AMP
MINIMUM POWER	1.0 WATT	2.0 WATT	3.0 WATT
MINIMUM LENGTH	1.0 FT	2.0 FT	3.0 FT
MINIMUM WIDTH	1.0 FT	2.0 FT	3.0 FT
MINIMUM HEIGHT	1.0 FT	2.0 FT	3.0 FT
MINIMUM AREA	1.0 SQ FT	2.0 SQ FT	3.0 SQ FT
MINIMUM PERIMETER	1.0 FT	2.0 FT	3.0 FT
MINIMUM VOLUME	1.0 CU FT	2.0 CU FT	3.0 CU FT
MINIMUM WEIGHT	1.0 LB	2.0 LB	3.0 LB
MINIMUM DENSITY	1.0 G/CM3	2.0 G/CM3	3.0 G/CM3
MINIMUM TEMPERATURE	1.0 DEG C	2.0 DEG C	3.0 DEG C
MINIMUM PRESSURE	1.0 PSI	2.0 PSI	3.0 PSI
MINIMUM FORCE	1.0 LB	2.0 LB	3.0 LB
MINIMUM ENERGY	1.0 J	2.0 J	3.0 J
MINIMUM POWER	1.0 W	2.0 W	3.0 W
MINIMUM EFFICIENCY	1.0%	2.0%	3.0%
MINIMUM LOSS	1.0%	2.0%	3.0%
MINIMUM GAIN	1.0%	2.0%	3.0%
MINIMUM RATIO	1.0%	2.0%	3.0%
MINIMUM FACTOR	1.0%	2.0%	3.0%
MINIMUM COEFFICIENT	1.0%	2.0%	3.0%
MINIMUM CONSTANT	1.0%	2.0%	3.0%
MINIMUM PROPORTION	1.0%	2.0%	3.0%
MINIMUM QUOTIENT	1.0%	2.0%	3.0%
MINIMUM PRODUCT	1.0%	2.0%	3.0%
MINIMUM SUM	1.0%	2.0%	3.0%
MINIMUM MEAN	1.0%	2.0%	3.0%
MINIMUM VARIANCE	1.0%	2.0%	3.0%
MINIMUM STANDARD DEVIATION	1.0%	2.0%	3.0%
MINIMUM VARIANCE	1.0%	2.0%	3.0%
MINIMUM STANDARD DEVIATION	1.0%	2.0%	3.0%

DR: Path Light

Rugged and Timeless
Specify the DR-20-15R for most residential applications. For commercial sites, the higher output DR-30-15R is a great choice. The DR can stand up to punishment and is component-based for easy repair, making it perfect for high-impact environments.

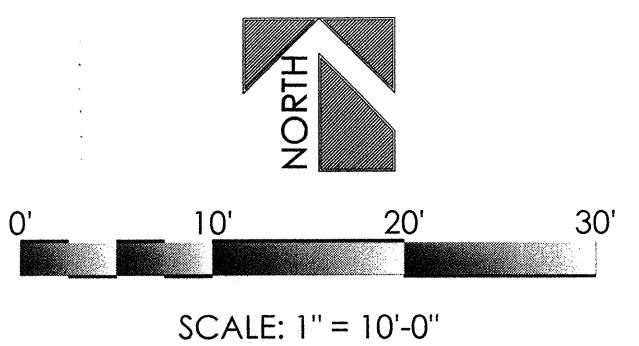


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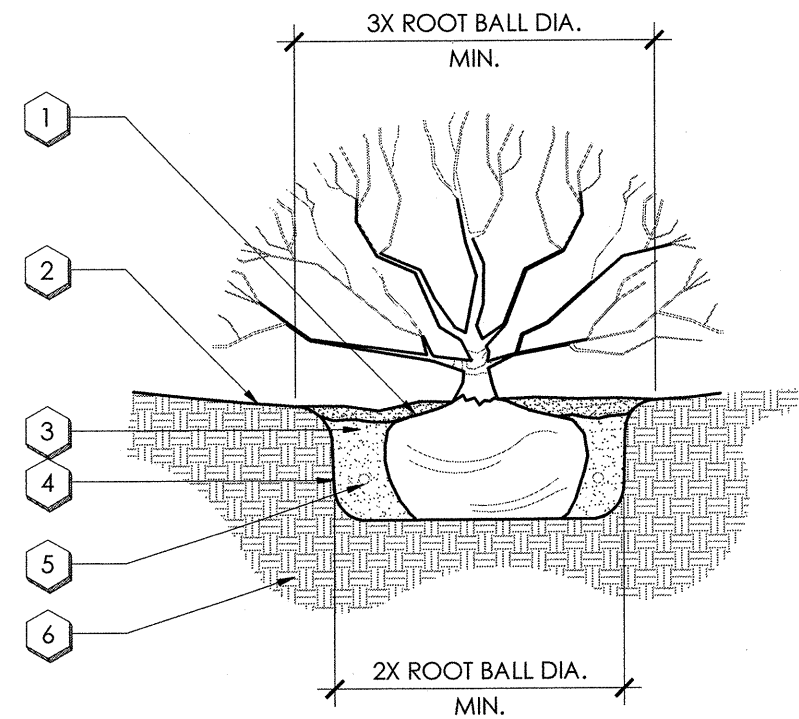
MORAN RESIDENCE
7026 NORTH 40TH STREET
PARADISE VALLEY, ARIZONA 85253
LIGHTING PLAN

PROJECT: MORAN RESIDENCE
JOB NO: 18-034
DATE: 08.07.2018
DRAWN BY: B. PAUL
SUBMITTED: 08.07.2018
REVISED:
SHEET L.05 of L.06



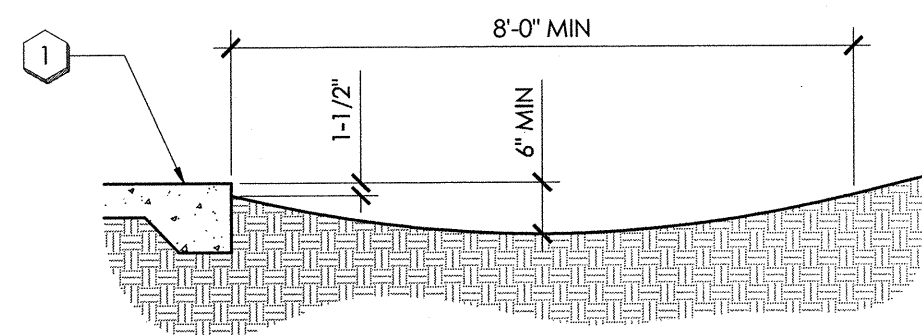
KEYNOTES:

- 1 TOP OF ROOT BALL AND WELL TO BE 2" BELOW SAUCER
- 2 FINISH GRADE MULCH PER SPECS.
- 3 BACKFILL W/ SPECIFIED SOIL MIX. WATER & TAMP TO REMOVE AIR POCKETS REFER TO SPECS.
- 4 SCARIFY SIDES OF PLANTING HOLE TO PREVENT GLAZING
- 5 FERTILIZER TABS PER SPECS. PLACE 6" BELOW FINISH GRADE.
- 6 SUBSOIL



KEYNOTES:

- 1 EDGE OF CONCRETE



NOTES:
1. SWALE ADJACENT TO CONCRETE CURB OR SIDEWALK FOR LANDSCAPE IRRIGATION WATER CONTROL.

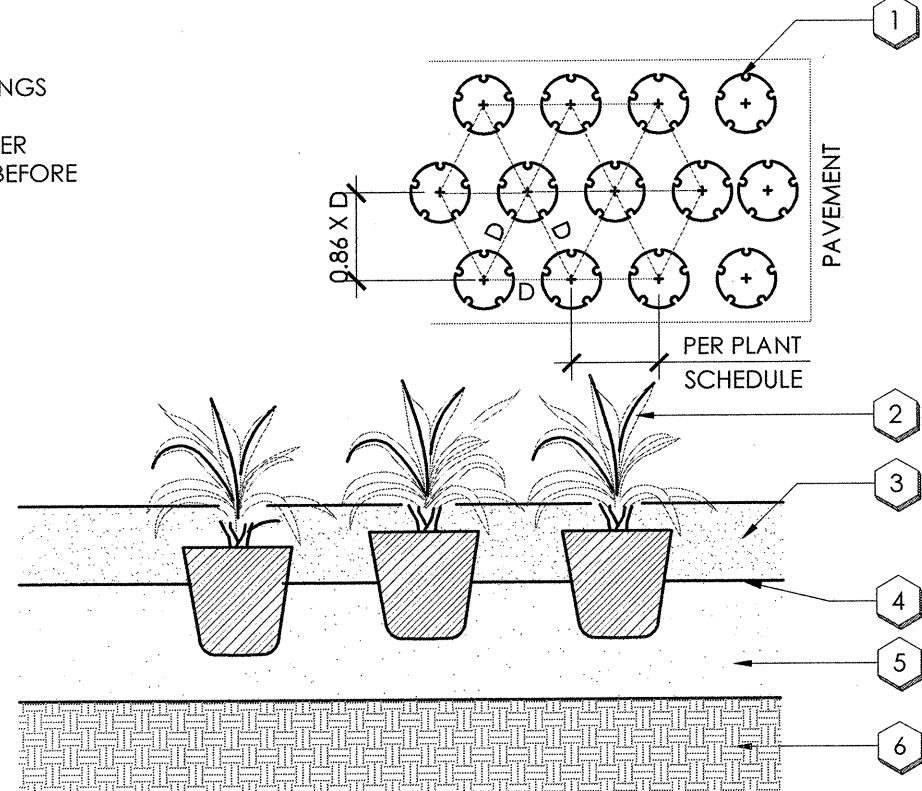
A SHRUB PLANTING

NOT TO SCALE

KEYNOTES:

- 1 ATYPICAL SPACING AT END ROW
- 2 PLANTS / SPACING AS PER DRAWINGS
- 3 MULCH LAYER, DEPTH & TYPE AS PER DRAWINGS AND SPECS; INSTALL BEFORE PLANTING
- 4 FINISH GRADE
- 5 PREPARE BED AS PER DRAWINGS OR SPECS
- 6 UNDISTURBED SUBGRADE

NOTES:
1. TILL 2" OF POTTING OR PLANTING SOIL OR APPROVED EQUAL TO A DEPTH OF 6"
2. D = ON CENTER DIMENSION



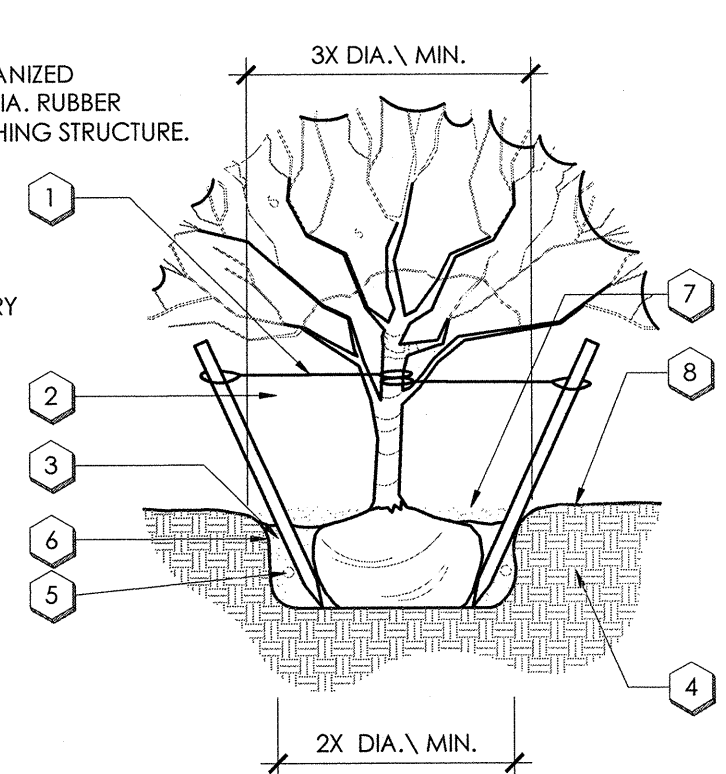
B SWALE

NOT TO SCALE

KEYNOTES:

- 1 TREE TIES SHALL BE 12 GAUGE GALVANIZED ZINC COATED WIRE ENCASED IN 1" DIA. RUBBER HOSE. INSTALL ABOVE MAIN BRANCHING STRUCTURE.
- 2 (2) LODGEPOLE (LENGTH AS REQ'D) STAKES AT ANGLE INTO SUBGRADE (18" MIN.) PRIOR TO BACKFILLING TIE TO PRIMARY BRANCHES & AS NECESSARY FOR FIRM SUPPORT.
- 3 BACKFILL W/ SPECIFIED SOIL MIX. WATER & TAMP TO REMOVE AIR POCKETS REFER TO SPECS.
- 4 BREAKUP & LOOSEN SOIL HALF THE DEPTH OF THE ROOTBALL & 5 TIMES THE WIDTH OF THE ROOTBALL.
- 5 FERTILIZER TABS PER SPECS. PLACE 6" BELOW FINISH GRADE.
- 6 SCARIFY SIDES OF PLANTING HOLE TO PREVENT GLAZING
- 7 SOIL GRADE
- 8 FINISH GRADE, MULCH PER SPECS.

NOTES:
1. 8" HIGH ARBOR GUARD TO BE PLACED AROUND TRUNK OF TREES LOCATED IN TURF AREAS.
2. TOP OF ROOT BALL AND WELL TO BE 4" BELOW FINISH GRADE.
3. SCORE ROOTBALL, MAKE VERTICAL CUT 25-35 INCHES DEEP FOUR TIMES AROUND SIDES AND TWICE AROUND BOTTOM.
4. WIRE SHALL NOT TOUCH OR RUB ADJACENT TRUNKS OR BRANCHES.
5. TREE TRUNK GUARDS REQUIRED FOR TREES WITHIN TURF.

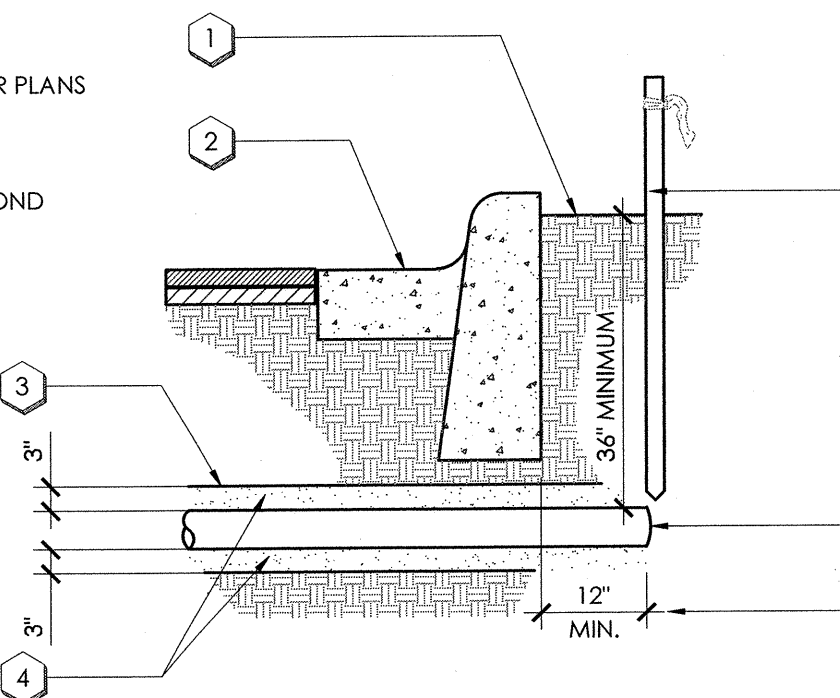


D GROUNDCOVER PLANTING

NOT TO SCALE

KEYNOTES:

- 1 FINISH GRADE BEYOND PAVEMENT EDGE
- 2 CURB & GUTTER
- 3 SLEEVE PIPE- DWV SCH 40 PVC SIZED PER PLANS
- 4 BEDDING SAND
- 5 EXTEND SLEEVE ENDS 1/2" MINIMUM BEYOND ALL HARDSCAPE EDGES
- 6 SEAL SLEEVE ENDS WITH TAPE AND STAKE END LOCATIONS
- 7 2" x 4" x 48" STAKE W/ ORANGE RIBBON (TYP.)



NOTES:
1. BACKFILL TRENCH WITH 3" OF BEDDING SAND UNDER SLEEVE AND 3" ABOVE SLEEVE. SAND SHALL NOT HAVE ANY ROCKS LARGER THAN 1/4" IN DIAMETER

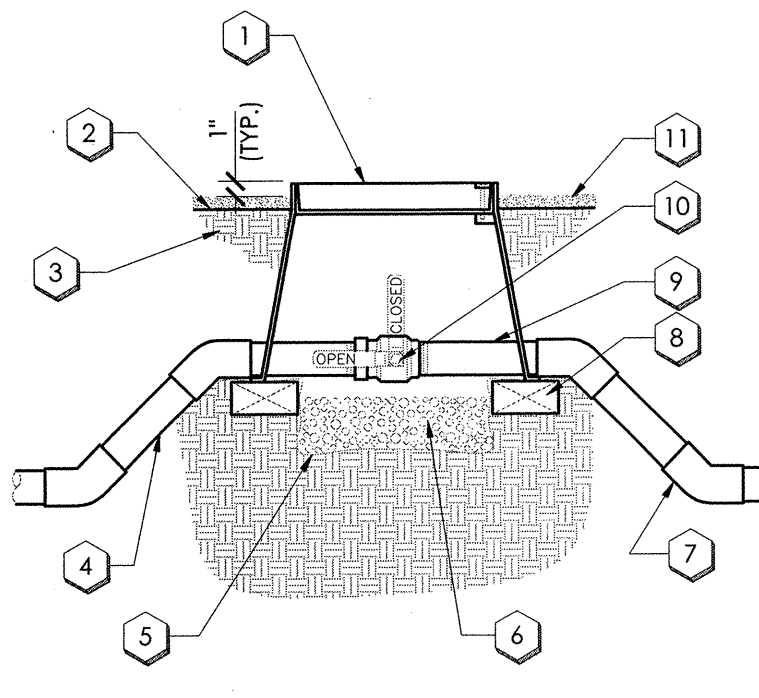
E TREE PLANTING

NOT TO SCALE

KEYNOTES:

- 1 10" x 10 1/4" x 13" VALVE BOX WITH LOCKING T-COVER
- 2 FINISH GRADE
- 3 SUBGRADE
- 4 SCH 40 PVC MAINLINE
- 5 GEOTEXTILE FABRIC
- 6 8" LAYER OF 3/4" CRUSHED AGGREGATE WITH 1" MIN. CLEARANCE TO BOTTOM OF VALVE
- 7 2" x 4" x 48" STAKE W/ ORANGE RIBBON (TYP.)
- 8 SCH 80 PVC 45° ELL (TYPICAL (1 OF 4))
- 9 BRICK PAVES (TYPICAL (1 OF 4))
- 10 10" SCH 80 PVC TOE NIPPLE (TYPICAL (1 OF 2))
- 11 BRONZE FULL PORT BALL VALVE WITH STAINLESS STEEL HANDLE
- 12 2" DECOMPOSED GRANITE TOP DRESSING

NOTES:
1. NOMINAL SIZE OF BALL VALVE TO MATCH NOMINAL MAINLINE SIZE.
2. VALVE BOX TO INCLUDE STAINLESS STEEL BOLT AND WASHER.
3. BRONZE COVER WITH 1/4" x 1/4" INCH HIGH STENCIL LETTERS.
4. USING STYLUS TIP TORCH.
5. VALVE BOX SHALL BE PURPLE FOR USE WITH RECLAIMED WATER.

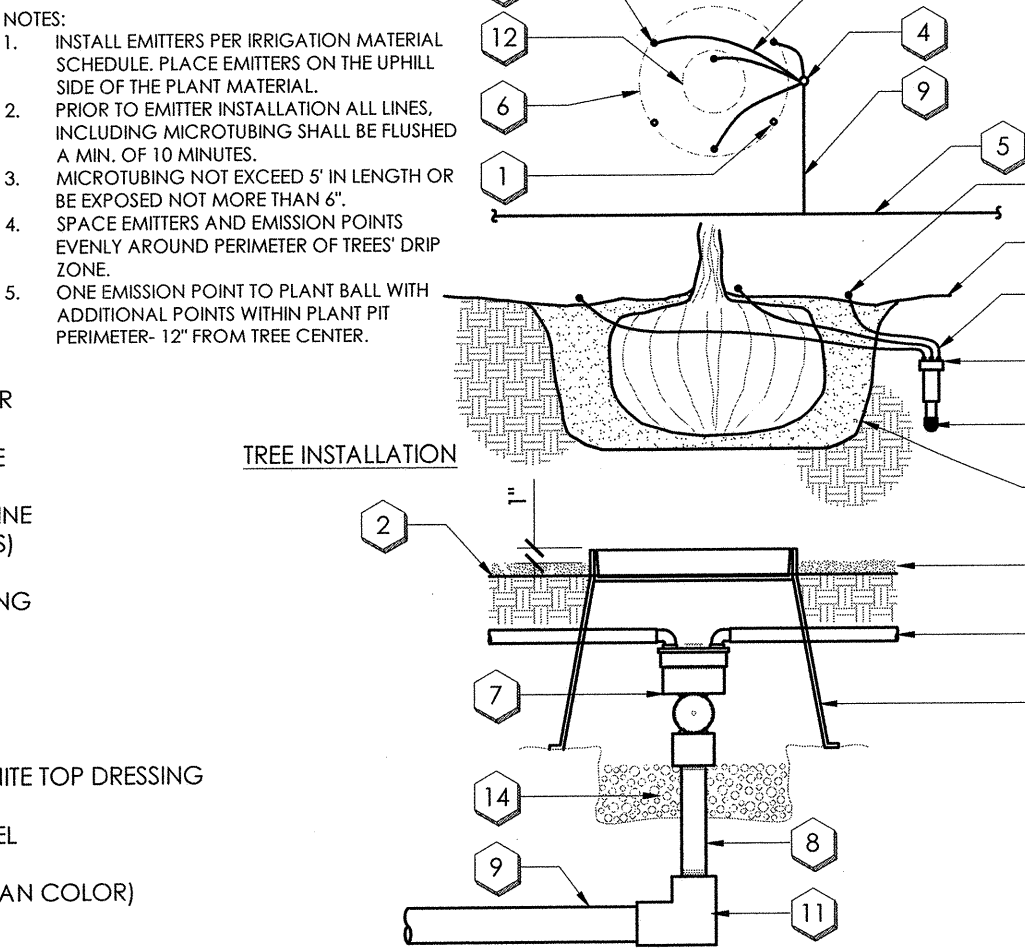


G TYPICAL SLEEVE

NOT TO SCALE

KEYNOTES:

- 1 EMISSION POINT WITH BUG FLUG
- 2 FINISH GRADE
- 3 MICRO TUBING
- 4 DRIP EMITTER
- 5 PVC LATERAL
- 6 PLANT PIT
- 7 MULTI-PORT DRIP EMITTER
- 8 1/2" SCH. 80 PVC NIPPLE
- 9 DISTRIBUTION LATERAL LINE (NOT SHOWN ON PLANS)
- 10 0.160x0.220 MICRO TUBING
- 11 SXT PVC FITTING
- 12 PLANT BALL
- 13 2" DECOMPOSED GRANITE TOP DRESSING
- 14 6" LAYER OF PEA GRAVEL
- 15 EMITTER ACCESS BOX (TAN COLOR)
- 16 FUTURE EMISSION POINT
- 17 MULTI-PORT EMITTER



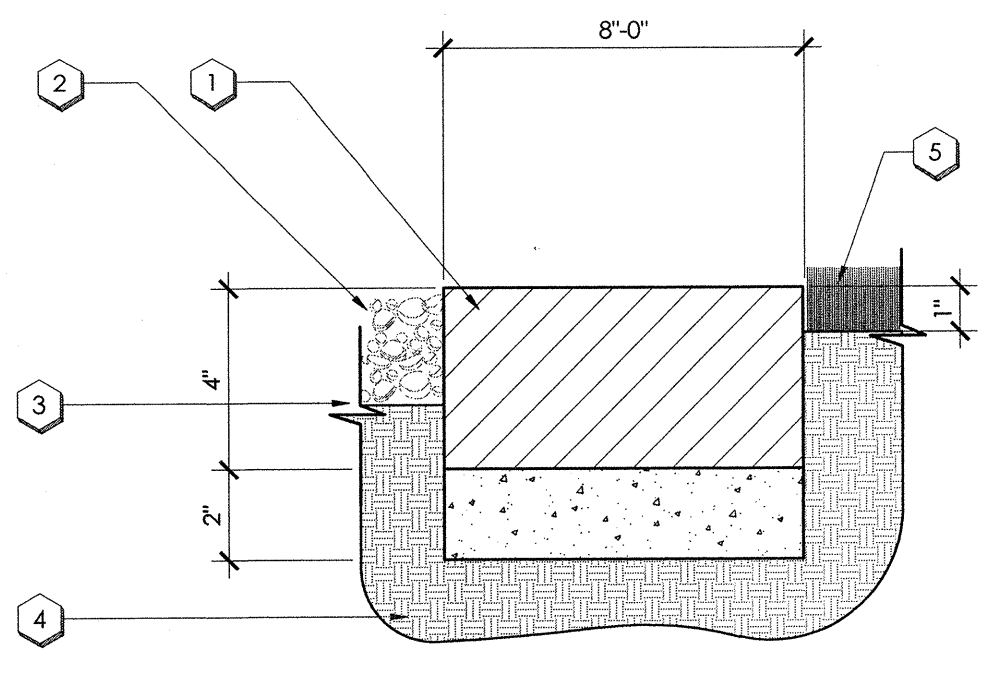
H BALL VALVE ASSEMBLY

NOT TO SCALE

KEYNOTES:

- 1 8" X 4" PAVES HEADER ON 2" CONCRETE SLURRY. EDGES TO BE CLEAN AND FLUSH WITH BRICK EDGE FACING.
- 2 FINISH GRADE OF DECOMPOSED GRANITE - DEPTH PER PLANS
- 3 FINISH SUB-GRADE
- 4 COMPACTED SUBGRADE
- 5 TURF

NOTES:
1. COMPACT GRADE TO 90% OF MAXIMUM ADJACENT TO EDGING TO AVOID SETTLING.



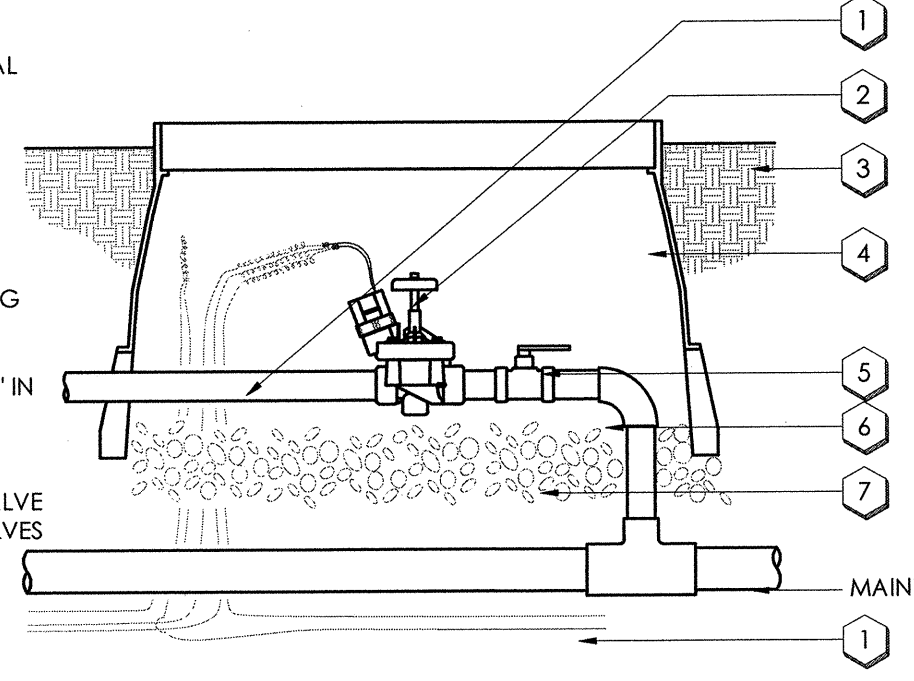
L 4" X 8" PAVES HEADER ON 2" CONCRETE SLURRY

NOT TO SCALE

KEYNOTES:

- 1 WYE STRAINER AND PRESSURE REGULATOR, PER IRRIGATION MATERIAL SCHEDULE
- 2 ELECTRIC REMOTE CONTROL VALVE, MODEL AND SIZE PER PLANS.
- 3 FINISH GRADE
- 4 PLASTIC VALVE BOX, WITH W/ LOCKING BOLT COVER SIZE AS REQUIRED TO ACCESS ALL EQUIPMENT. SET TOP OF VALVE BOX ABOVE FINISH GRADE 1/2" IN TURF AND 1" DECOMPOSED GRANITE.
- 5 ISOLATION VALVE, PER IRRIGATION MATERIAL SCHEDULE. INSTALL ONE VALVE PER TAP (TWO REMOTE CONTROL VALVES MAX. PER TAP).
- 6 SCH. 80 FITTING AS REQUIRED
- 7 6" LAYER OF PEA GRAVEL

NOTES:
1. USE DRY-TYPE WATERPROOF CONNECTORS.
2. PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX.
3. WRAP WIRE AROUND 1/2" PIPE 15 TIMES.
4. MAINTAIN 6" BETWEEN VALVE AND TOP OF BOX. EMITTER COVER WITH 1/2" NUMBERS WHICH CORRESPOND TO VALVE NUMBERS AT IRRIGATION CONTROLLER.



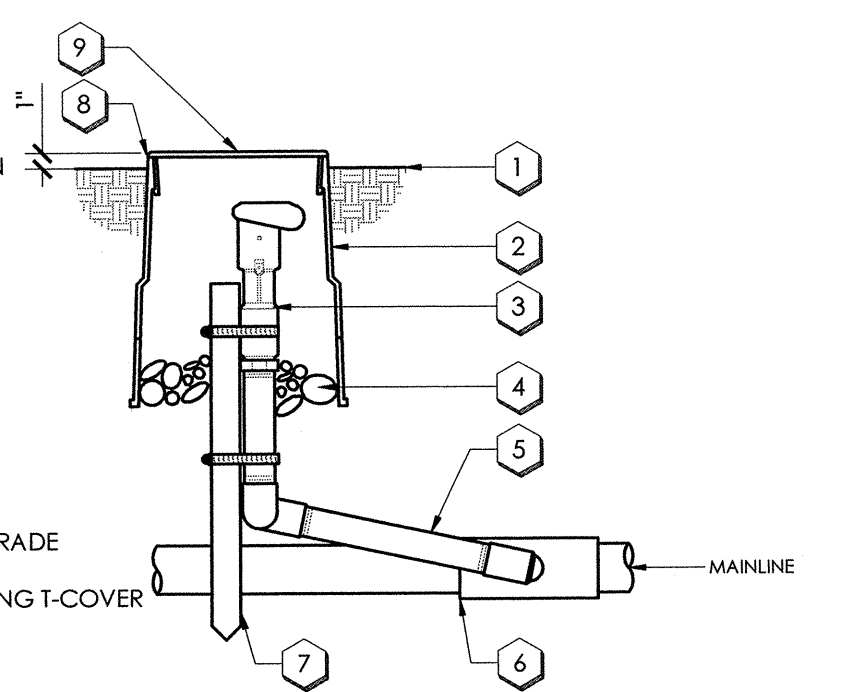
O DRIP REMOTE CONTROL VALVE

NOT TO SCALE

KEYNOTES:

- 1 FINISH GRADE
- 2 BOLT DOWN LOCKING VALVE BOX
- 3 QUICK-COUPLING VALVE, PER IRRIGATION MATERIAL SCHEDULE
- 4 6" LAYER OF PEA GRAVEL
- 5 LASCO SWING JOINT
- 6 TEE OR ELL AS REQUIRED
- 7 1" X 30" GALVANIZED ANGLE IRON WITH STAINLESS STEEL GEAR CLAMPS OR EQUIVALENT SUPPORT SYSTEM
- 8 INSTALL VALVE BOX 1" ABOVE FINISHED GRADE
- 9 10" x 10 1/4" x 13" VALVE BOX WITH LOCKING T-COVER

NOTES:
1. FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.



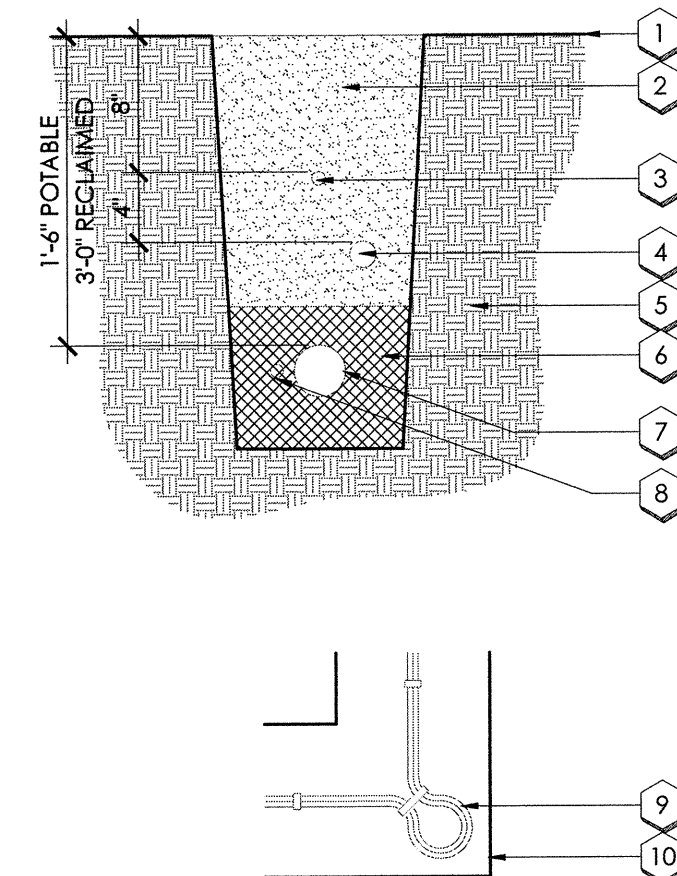
K QUICK COUPLING VALVE

NOT TO SCALE

KEYNOTES:

- 1 FINISH GRADE
- 2 BACKFILL, CLEAN AND ROCK FREE
- 3 DRIP TUBING
- 4 LATERAL LINE
- 5 NATIVE SOIL
- 6 BEDDING PER SPECS
- 7 MAINLINE PIPE
- 8 CONTROL VALVE WIRING, TAPED AT 10'-0" INTERVALS
- 9 TIE A LOOSE 24" LOOP IN ALL WIRING AT CHANGES OF DIRECTION GREATER THAN 30° UNTIL ALL LOOPS AFTER ALL CONNECTIONS HAVE BEEN MADE
- 10 TRENCH

NOTES:
1. PLACE POTABLE AND RECLAIMED IRRIGATION LINES IN SEPARATE TRENCHES.
2. PLACE ALL PIPE IN LANDSCAPE AREAS WITHIN SPECIFIED CONSTRUCTION LIMITS.
3. ALL WIRING TO BE INSTALLED PER LOCAL CODE.
4. ALL PLASTIC PIPING TO BE MARKED IN TRENCHES.
5. ALL TRENCHES TO BE THOROUGHLY COMPACTED TO MATCH ADJACENT DENSITIES.
6. MAINTAIN 4" MIN. HORIZONTAL CLEARANCE BETWEEN PIPES AND/OR WIRING.



I TRENCHING

NOT TO SCALE

TEMPERATURE	TREES		
	1ST YEAR	2-5 YEARS	AFTER 5 YEARS
OVER 100 DEGREES	EVERY 2 DAYS	EVERY 10 DAYS	EVERY 3 WEEKS
OVER 100 DEGREES	ONCE A WEEK	EVERY 10 DAYS	GRADUALLY EXTEND INTERVALS TO EVERY 4 WEEKS
90-100 DEGREES	EVERY 10 DAYS	EVERY 2 WEEKS	GRADUALLY EXTEND INTERVALS TO EVERY 4 WEEKS
75-90 DEGREES	EVERY 2 WEEKS	EVERY 3 WEEKS	WATER IF NO RAINFALL FOR 60 DAYS
BELOW 75 DEGREES	EVERY 30 DAYS	EVERY 30 DAYS	WATER IF NO RAINFALL FOR 60 DAYS
TEMPERATURE	SHRUBS		
	1ST YEAR	2-5 YEARS	AFTER 5 YEARS
OVER 100 DEGREES	EVERY 3 DAYS	EVERY 10 DAYS	EVERY WEEK
OVER 100 DEGREES	ONCE A WEEK	EVERY 10 DAYS	EVERY 2 WEEKS
90-100 DEGREES	EVERY 10 DAYS	EVERY 2 WEEKS	EVERY 3 WEEKS
75-90 DEGREES	EVERY 2 WEEKS	EVERY 3 WEEKS	EVERY 4 - 5 WEEKS
BELOW 75 DEGREES	EVERY 30 DAYS	EVERY 30 DAYS	EVERY 4 - 5 WEEKS

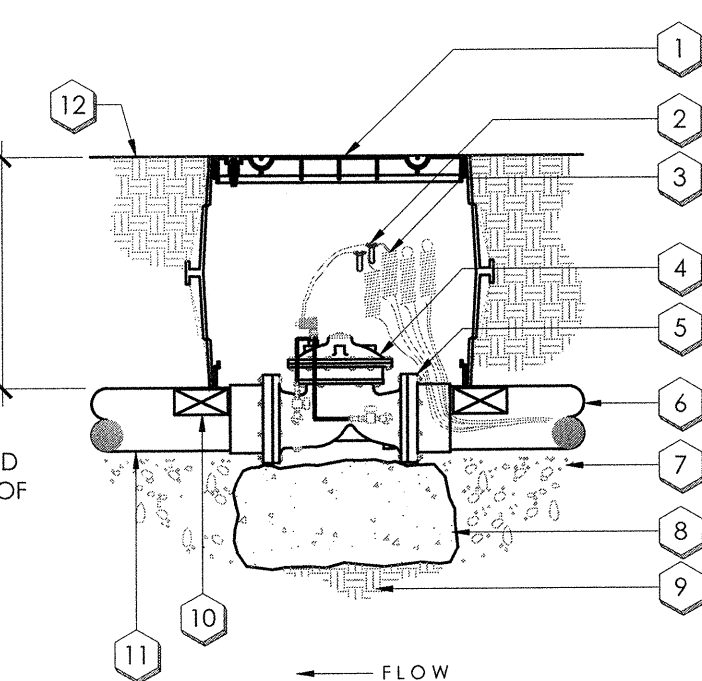
NOTES:
1. SMALL PLANTS IN 1 GALLON CONTAINERS NEED TO BE WATERED TWICE A WEEK.
2. THE WATERING CHART IS PROVIDED AS A GUIDE ONLY AND MUST BE ADJUSTED FOR SPECIFIC TEMPERATURE AND ENVIRONMENTAL CONDITIONS. IT IS THE OWNER'S RESPONSIBILITY TO MAINTAIN ALL PLANT MATERIALS IN A THRIVING, HEALTHY CONDITION.

M WATERING SCHEDULE

NOT TO SCALE

KEYNOTES:

- 1 TWO CARSON INDUSTRIES # 1324-15 RECTANGULAR VALVE BOXES WITH A 1324 T-COVER. SUPPLY WITH STAINLESS STEEL LOCKING BOLTS
- 2 "SURESPICE" WIRE CONNECTOR (1 OF 2)
- 3 DEDICATED MV WIRE: 1 - 12 AWG COMMON (WHITE) 1 - 14 AWG CONTROL (BLUE) 2 - 12 AWG SPARE (GREEN)
- 4 NORMALLY CLOSED INTERNALLY PORTED CONTROL VALVE WITH 24 VOLT SOLENOID
- 5 CLASS 150 - SCH. 80 PVC VAN STONE FLANGED FITTING (TYP.)
- 6 PVC IRRIGATION MAINLINE PIPE - REFERENCE THE RESTRAINED JOINT REQUIREMENT DETAIL FOR RESTRAINED PVC IRRIGATION MAINPIPE LENGTHS ON UPSTREAM SIDE OF THE MASTER VALVE
- 7 3/4" CRUSHED GRAVEL SUMP 2 CU. FT.
- 8 4-INCH THICK CONCRETE SUPPORT BLOCK
- 9 UNDISTURBED SOIL
- 10 BRICK (1 OF 4)
- 11 PVC IRRIGATION MAINLINE TO FLOW SENSOR
- 12 FINISHED GRADE

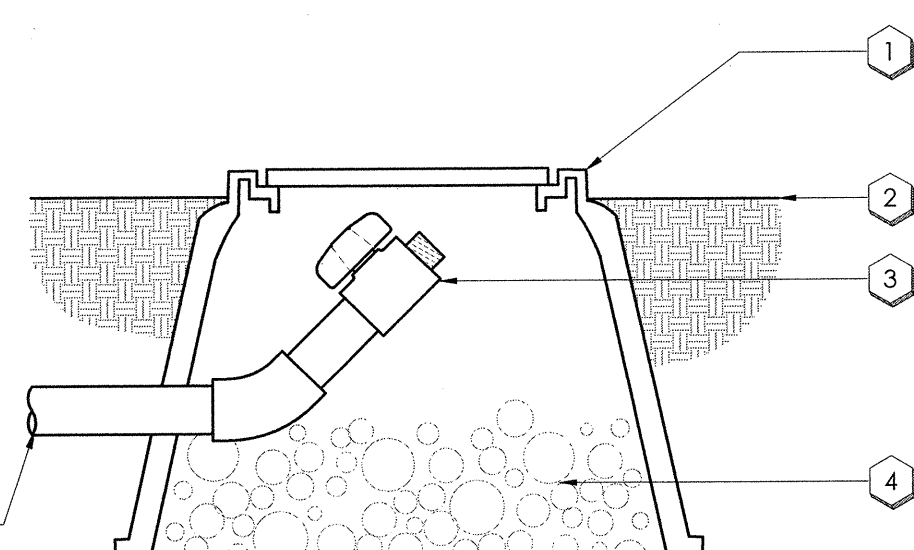


MASTER VALVE

NOT TO SCALE

KEYNOTES:

- 1 BOLT DOWN LOCKING VALVE BOX
- 2 FINISH GRADE
- 3 BALL VALVE WITH FEMALE HOSE THREADS, LINE SIZE
- 4 6" LAYER OF PEA GRAVEL
- 5 LATERAL LINE

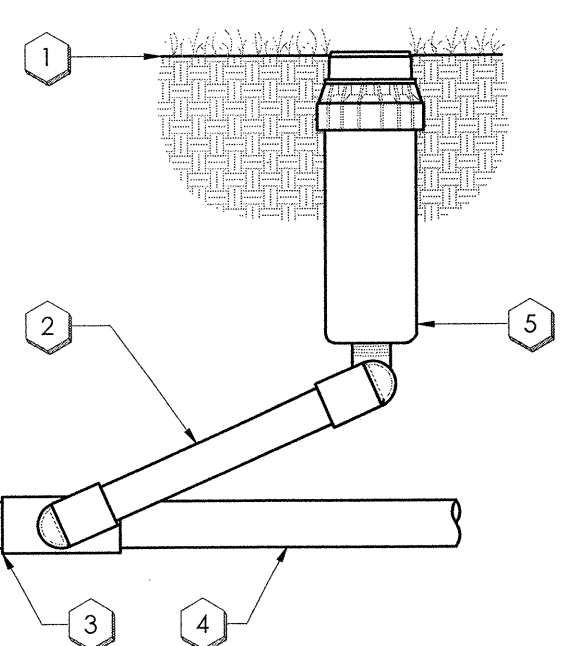


L LATERAL LINE FLUSH VALVE

NOT TO SCALE

KEYNOTES:

- 1 FINISH GRADE
- 2 PREFABRICATED SWING JOINT
- 3 TEE OR ELL AS REQUIRED
- 4 LATERAL LINE
- 5 SPRINKLER HEAD PER IRRIGATION MATERIAL SCHEDULE

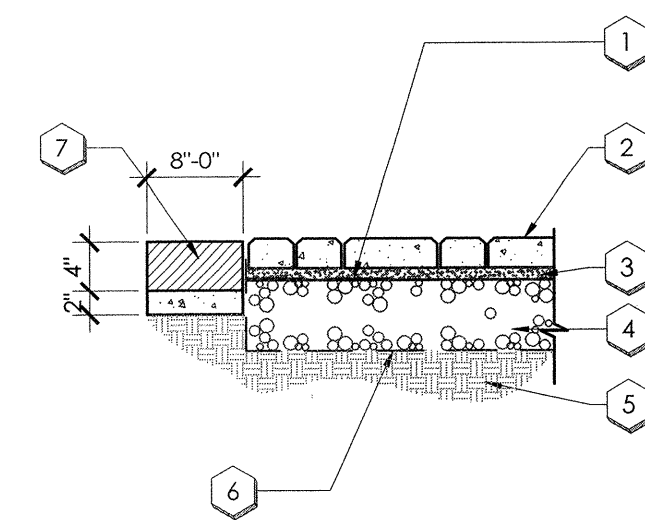


J POP-UP SPRAY HEAD

NOT TO SCALE

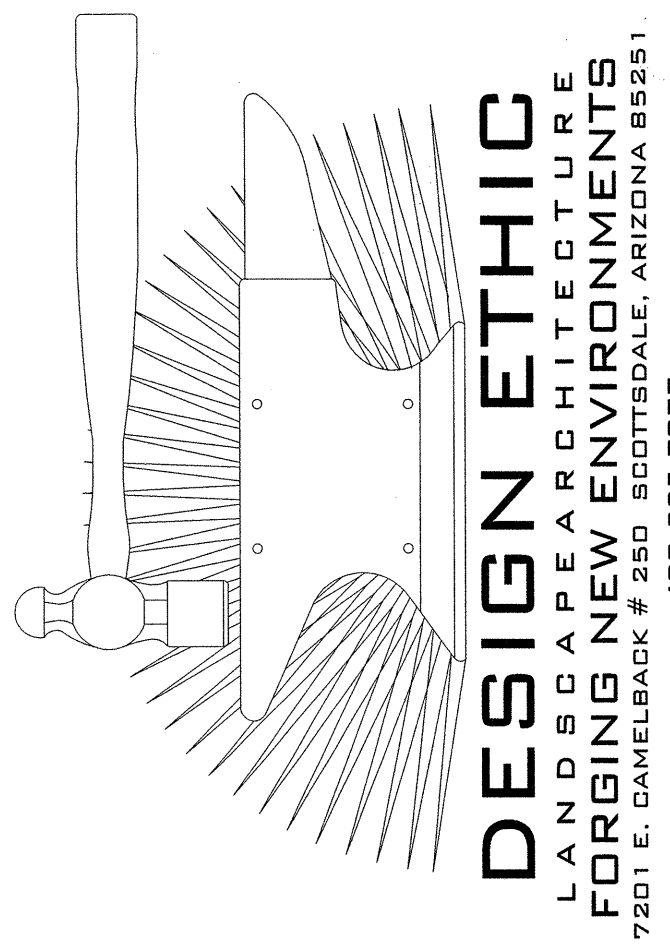
KEYNOTES:

- 1 12" WIDE GEOTEXTILE ALONG PERIMETER TURN UP AT CURB (DO NOT COVER TOP OF BASE)
- 2 2-3/8" MIN. THICKNESS CONCRETE PAVES MATCH EXISTING STYLE & TYPE ALREADY INSTALLED ON PROPERTY
- 3 1" TO 1-1/2" BEDDING SAND
- 4 6" MIN. DEPTH COMPACTED AGGREGATE BASE
- 5 COMPACTED SOIL SUBGRADE
- 6 GEOTEXTILE AS REQUIRED TURN UP AT SIDES TO COVER BASE
- 7 8" X 4" PAVES HEADER ON 2" CONCRETE SLURRY. EDGES TO BE CLEAN AND FLUSH WITH BRICK EDGE FACING.



N BRICK PAVERS W/ PAVES HEADER

NOT TO SCALE



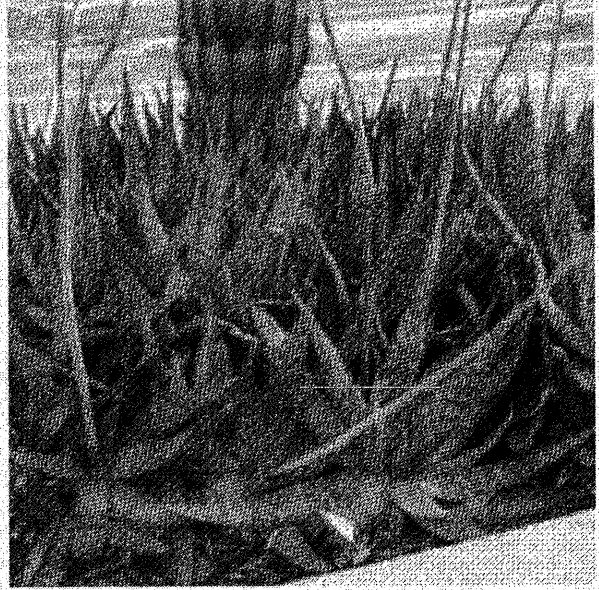
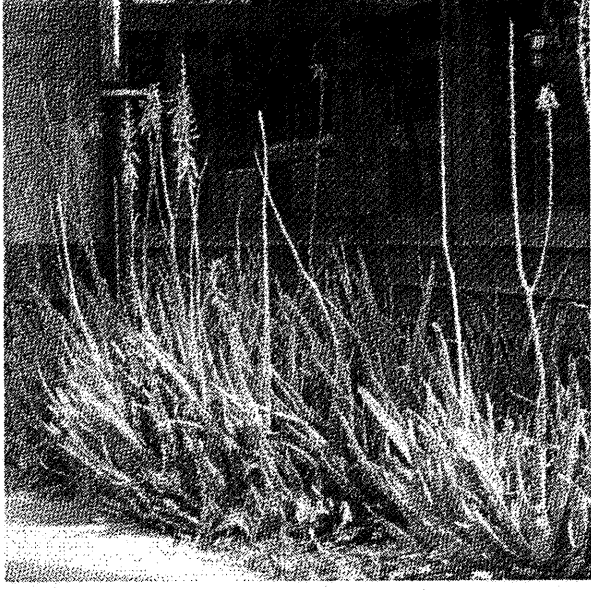
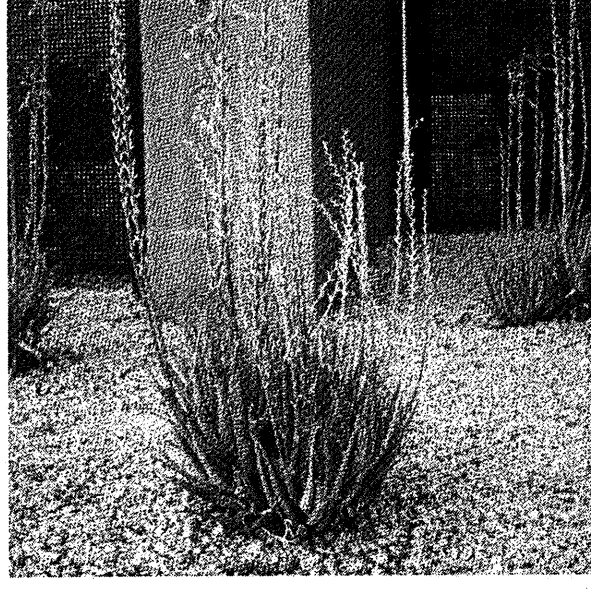
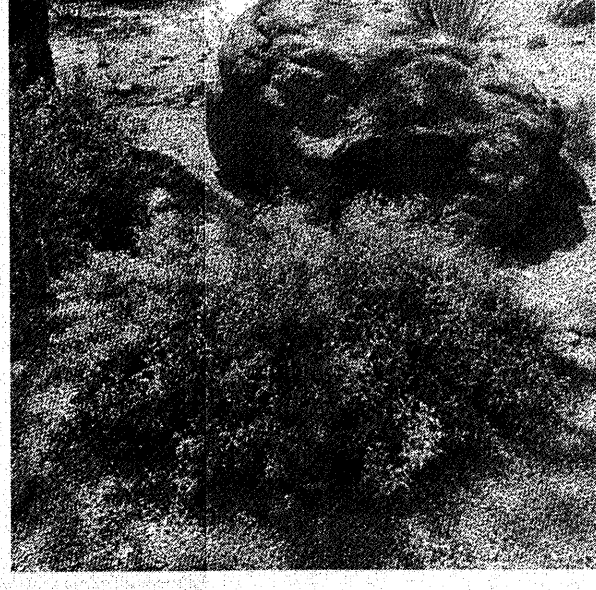
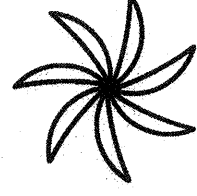
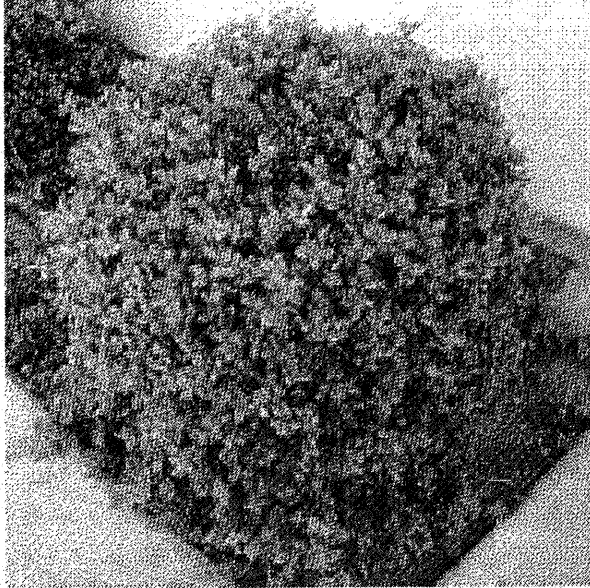
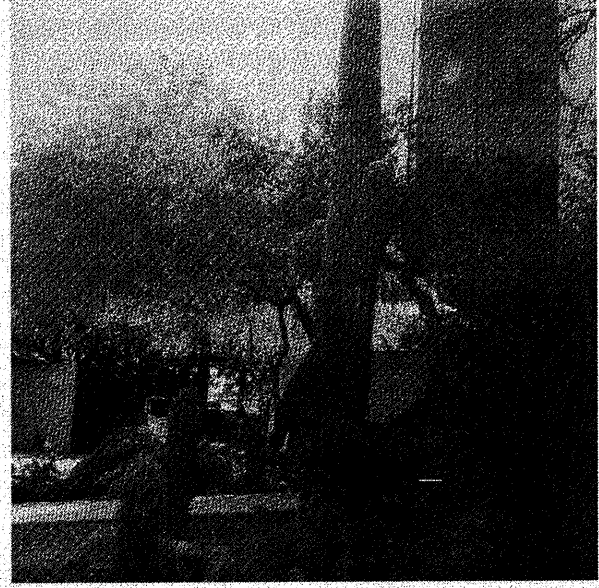
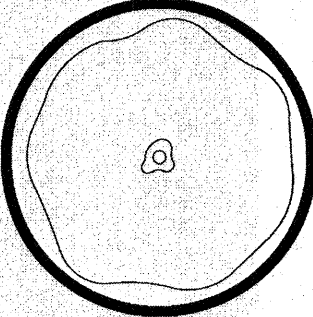
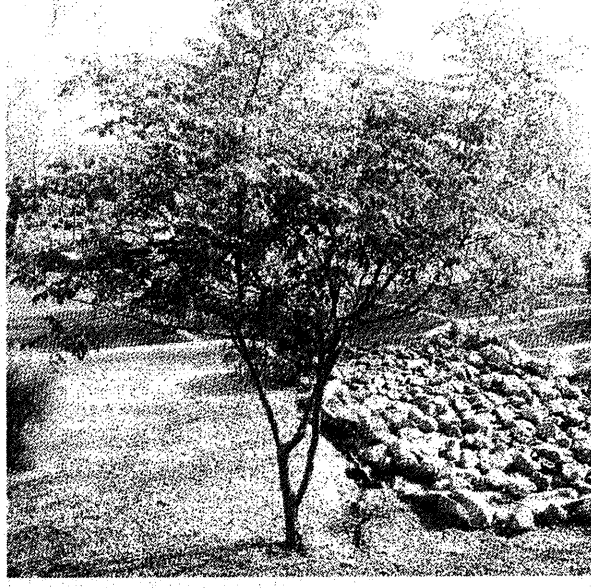
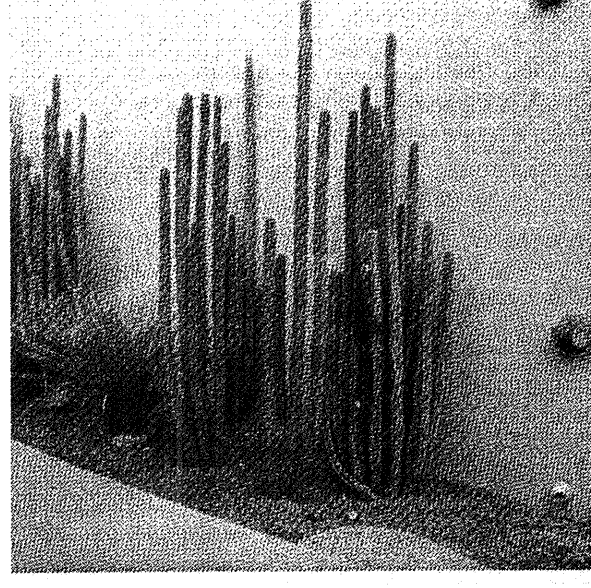
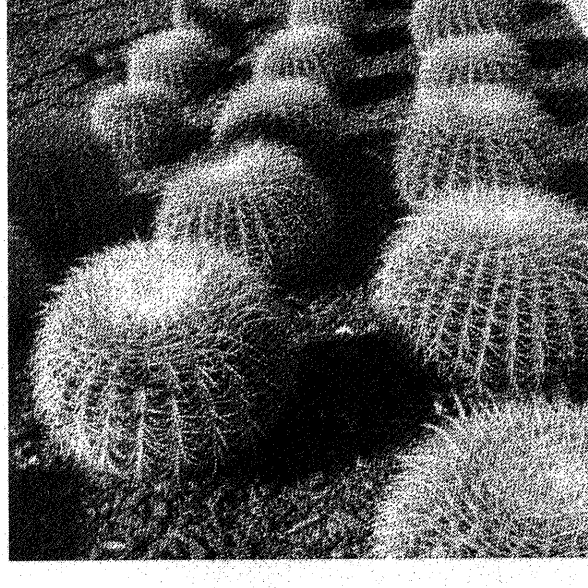
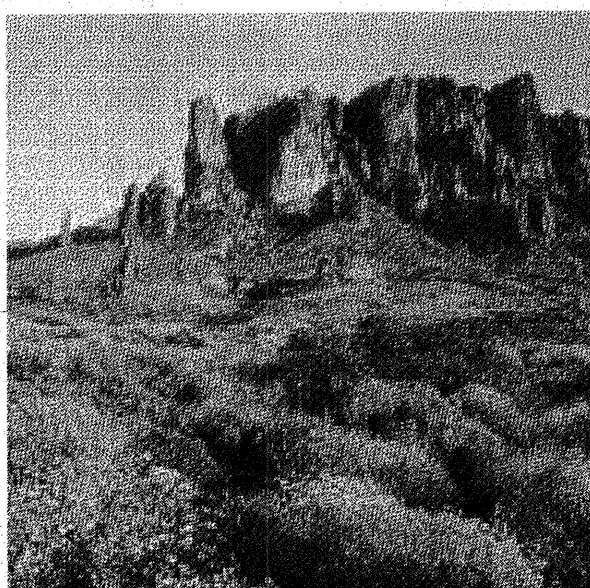
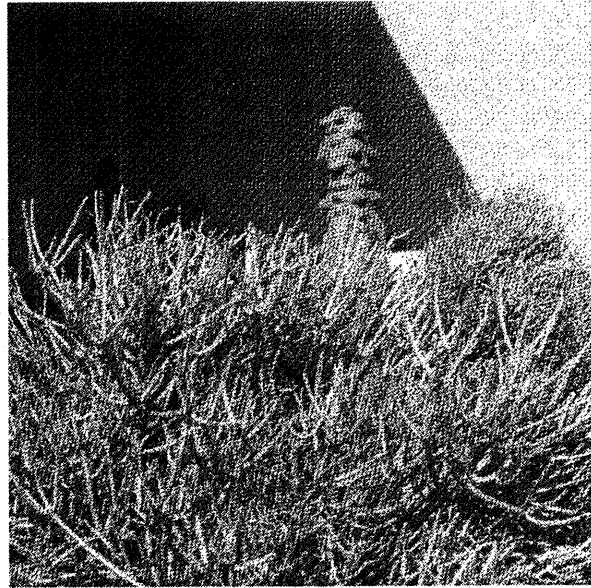
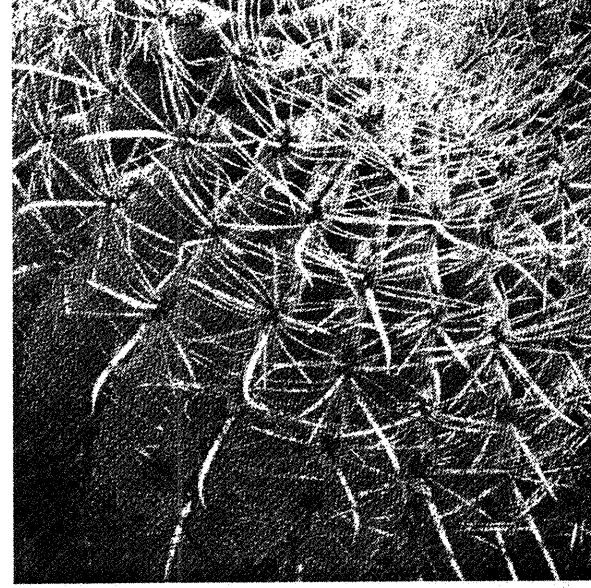
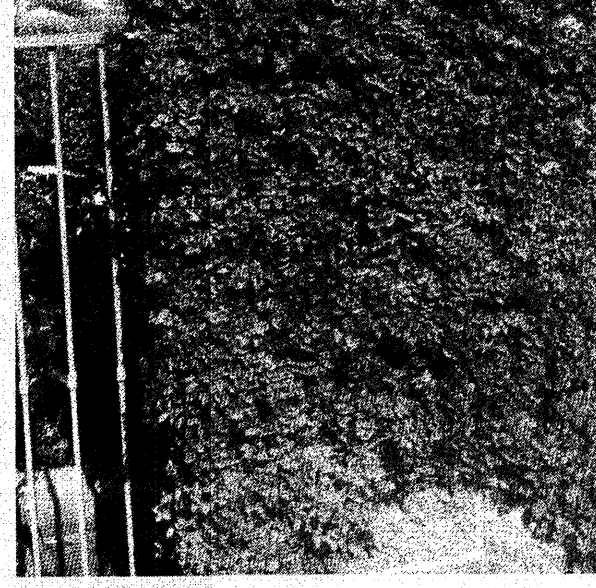
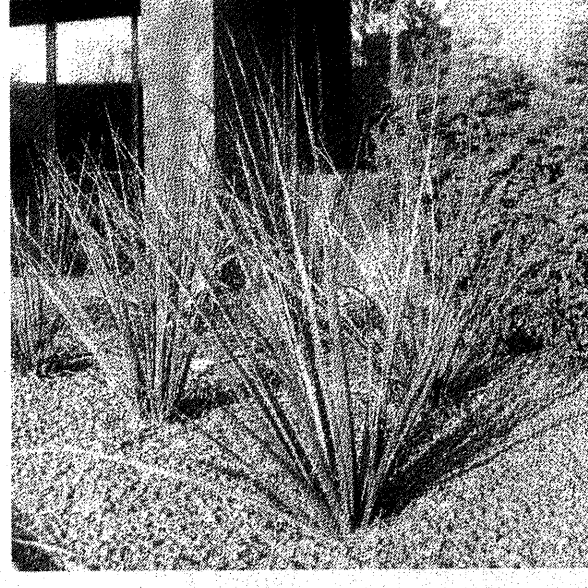
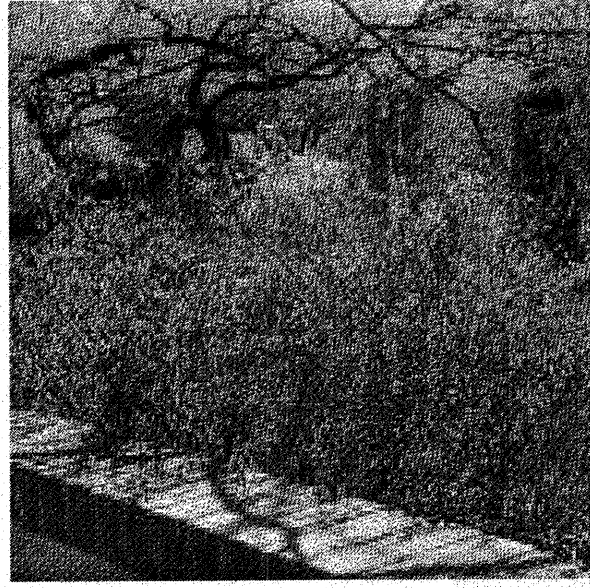
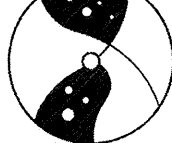
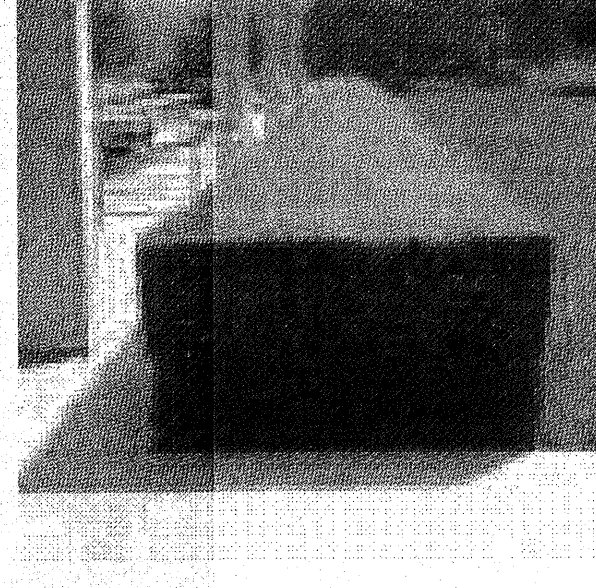
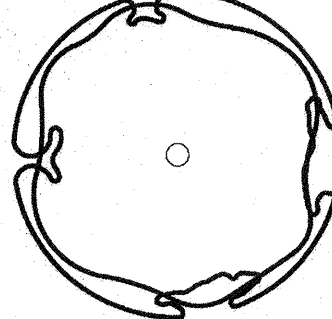
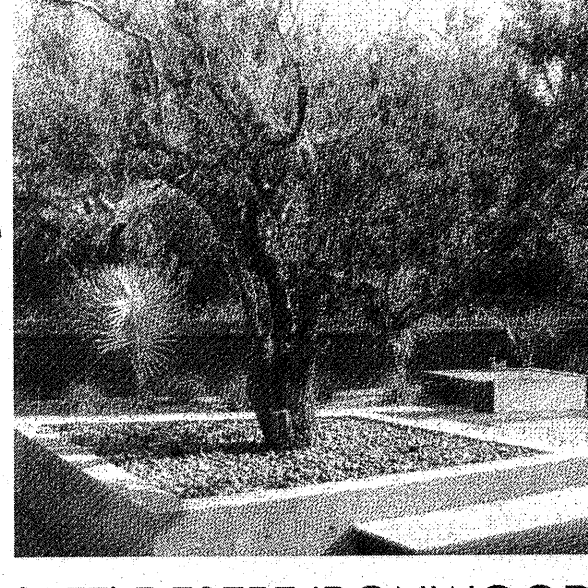
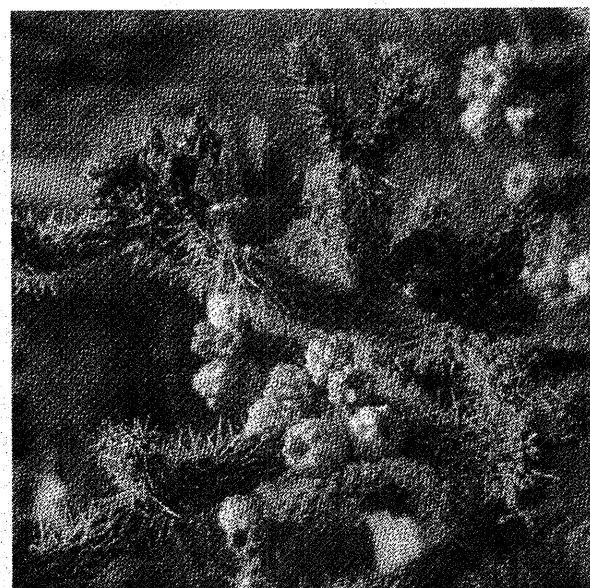
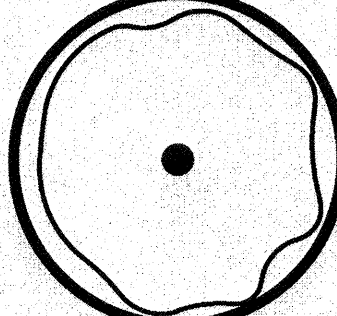
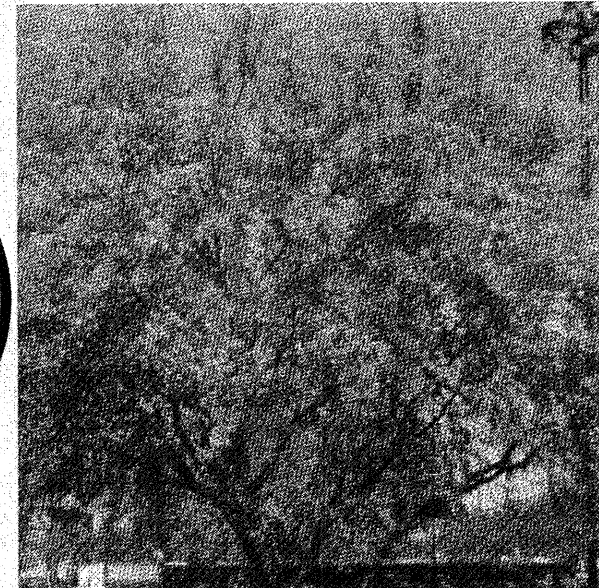
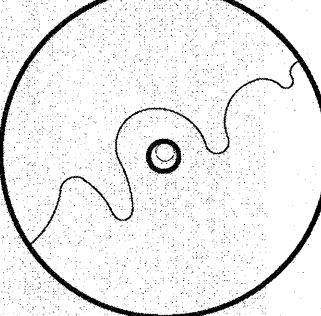
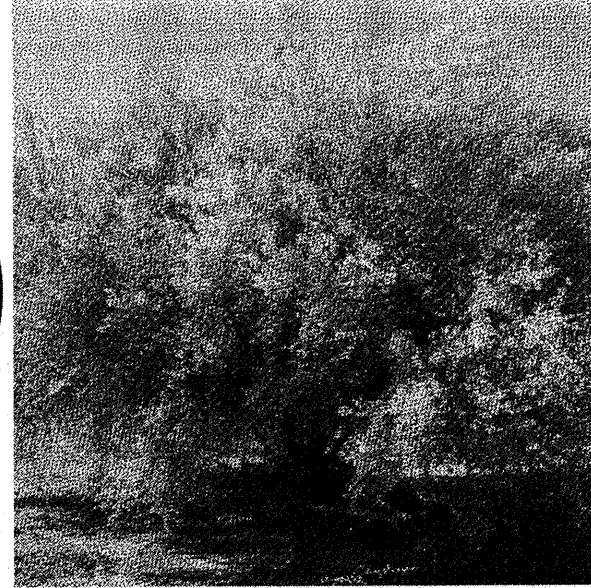
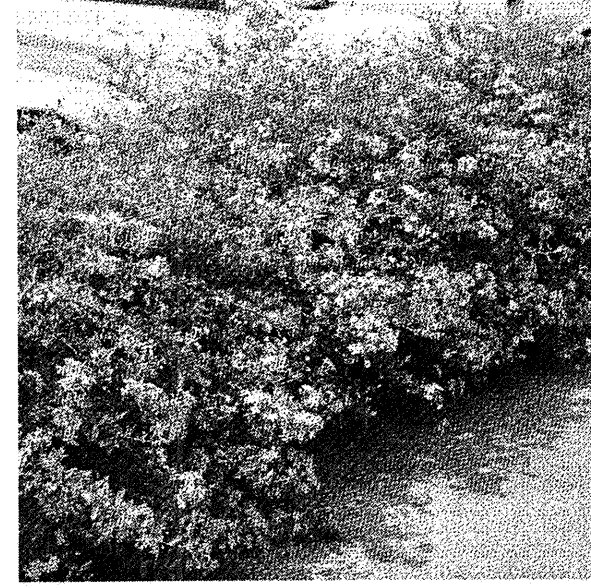
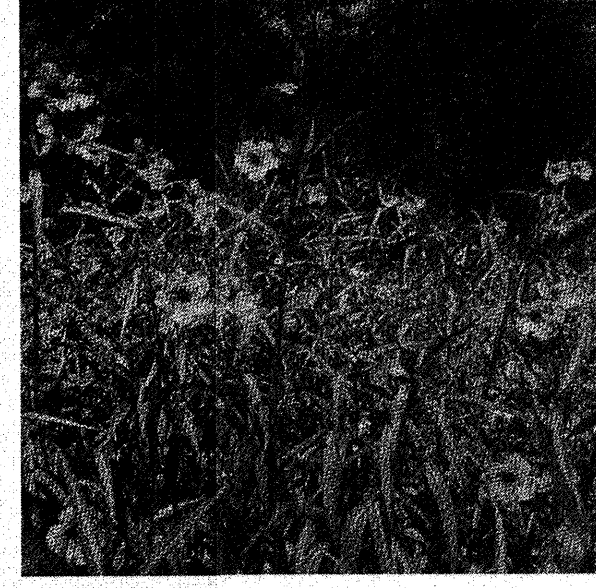
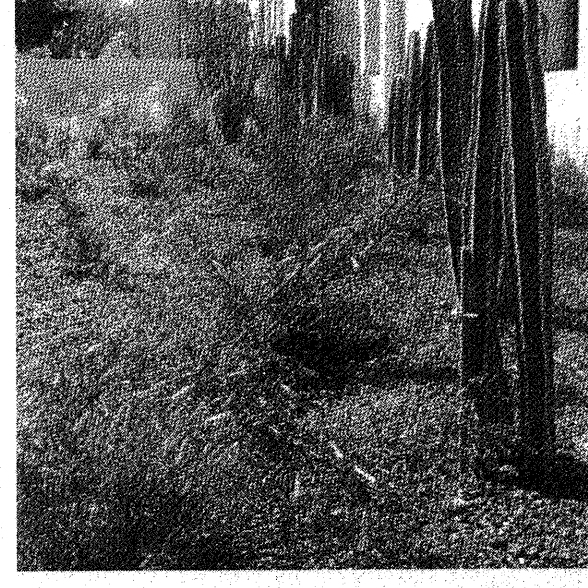
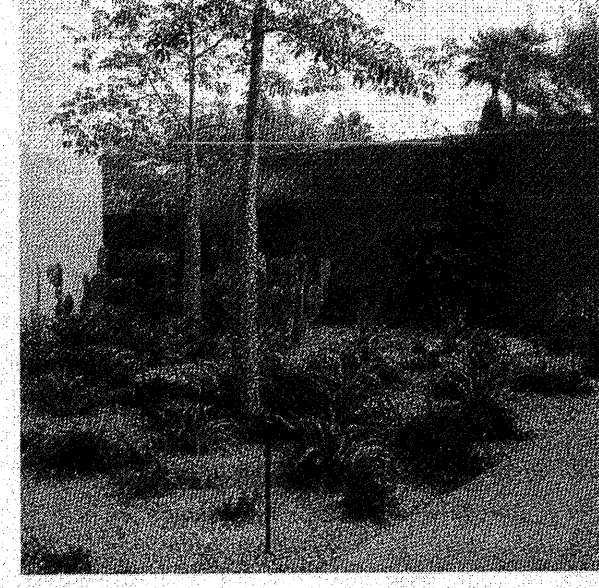
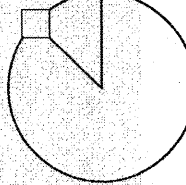
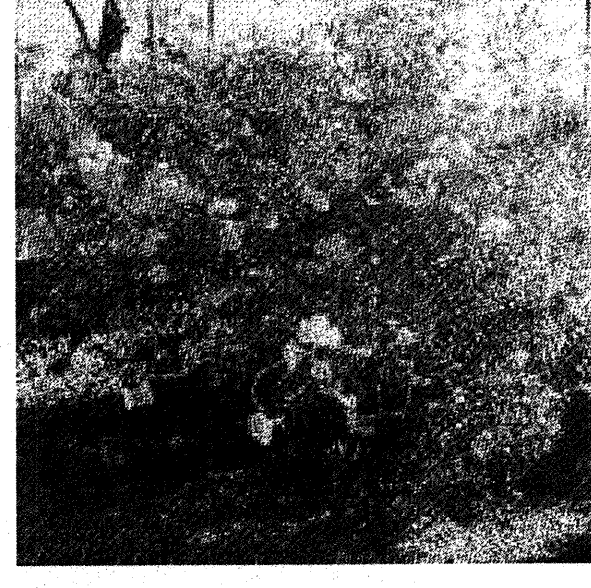
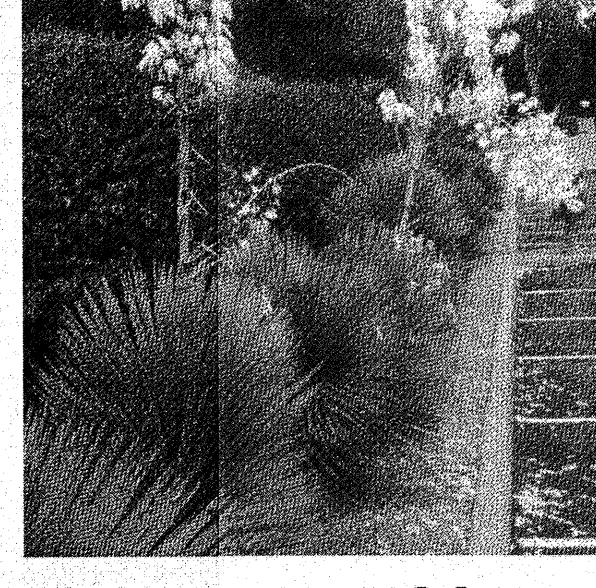
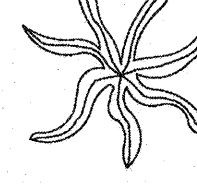
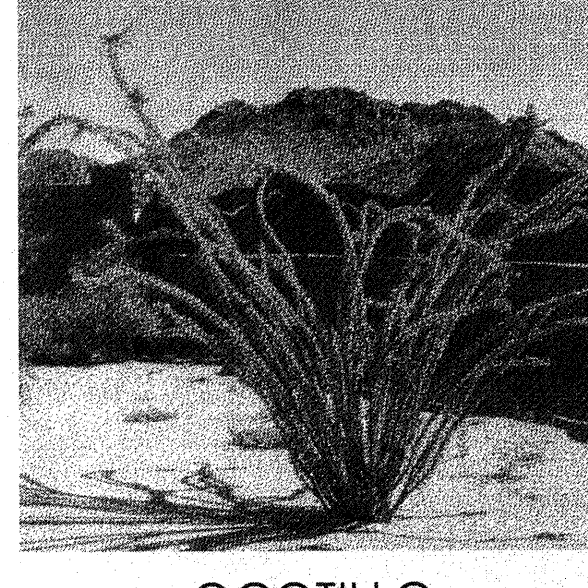
CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

MORAN RESIDENCE
7026 NORTH 40TH STREET
PARADISE VALLEY, ARIZONA 85253
LANDSCAPE & IRRIGATION DETAILS

PROJECT:

JOB NO: 18-034
DATE:
DRAWN BY: B. PAUL
SUBMITTED: 08.07.2018
REVISED:

SHEET
L.06 of L.06

											
	CAPE ALOE		SOAP ALOE		ALOE VERA		BLUE ELF ALOE		BURSAGE		BIZMARK PALM
											
	JAPANESE BOXWOOD		SAGUARO		THORNTLESS CASCALOTE		MEXICAN FENCE POST		SAGO PALM		GOLDEN BARREL
											
	BRITTLEBUSH		TURPENTINE BUSH		STICKS OF FIRE		COMPASS BARREL		CREEPING FIG		GIANT HESPERALOE
											
	CHUPAROSA		MEXICAN HONEYSUCKLE		NEW GOLD LANTANA		CREOSOTE		COMMON MYRTLE		'AZT' DESERT IRONWOOD
											
	STAGHORN CHOLLA		'AZT' THORNTLESS PALO VERDE		FOOTHILLS PALO VERDE		CAPE PLUMBAGO		MEXICAN PETUNIA		CORAL FOUNTAIN
											
	ENGELMAN'S PRICKLY PEAR		PURPLE HEART PLANT		YELLOW BELLS		YELLOW DOT		BANANA YUCCA		OCOTILLO



Plant #	Common Name	Caliper (in)/ Height (ft)	Status	Comments
1	Foothills Palo Verde	8	NS	Rocks / On Slope
2	Foothills Palo Verde	4	NS	Rocks / On Slope
3	Foothills Palo Verde	4	NS	Rocks / On Slope
4	Foothills Palo Verde	7	NS	Rocks / On Slope
5	Mesquite	20	NS	Rocks / On Slope
6	Blue Palo Verde	16	NS	On Slope / Leaning
7	Blue Palo Verde	5	NS	On Slope / Leaning
8	Blue Palo Verde	15	NS	Cambium Damage / Leaning
9	Blue Palo Verde	6	NS	Rocks / On Slope
10	Blue Palo Verde	8	NS	Cambium Damage / On Slope
11	Foothills Palo Verde	8	NS	Branch Dieback / On Slope
12	Foothills Palo Verde	6	NS	Rocks / On Slope
13	Foothills Palo Verde	4	NS	Rocks / On Slope
14	Foothills Palo Verde	5	NS	Rocks / On Slope
15	Foothills Palo Verde	4	NS	Rocks / On Slope
16	Foothills Palo Verde	4	NS	Rocks / On Slope
17	Blue Palo Verde	5	NS	Rocks / On Slope
18	Blue Palo Verde	4	NS	Rocks / On Slope
19	Saguaro	6	NS	On Slope / Rocks
20	Foothills Palo Verde	7	NS	Rocks / On Slope
21	Foothills Palo Verde	4	NS	Rocks / On Slope
22	Foothills Palo Verde	6	NS	Rocks / On Slope
23	Foothills Palo Verde	4	NS	Rocks / On Slope
24	Foothills Palo Verde	6	NS	Rocks / On Slope
25	Foothills Palo Verde	6	NS	Rocks / On Slope
26	Foothills Palo Verde	4	NS	Rocks / On Slope
27	Foothills Palo Verde	4	NS	Rocks / On Slope
28	Foothills Palo Verde	6	NS	Exposed Roots / On Slope
29	Mesquite	14	NS	Proximity to Gas Meter
30	Barrel	6	S	2 heads
31	Barrel	6	S	2 heads
32	Night Blooming Cereus	5	NS	Proximity to Wall / Poor Form
33	Mesquite	15	NS	Leaning / On Slope
34	Mesquite	20	NS	Rocks / Leaning
35	Mesquite	12	NS	Cambium Damage / Leaning
36	Mesquite	22	NS	Trunk Form / Leaning
37	Mesquite	24	NS	Trunk Form
38	Ocotillo	12	S	
39	Ocotillo	6	S	
40	Saguaro	10	NS	Access Issue
Summary		Trees	Cacti	Legend
Salvageable		0	4	S = Salvageable
Non-Salvageable		33	3	NS = Non-Salvageable
Remain-In-Place		0	0	RIP = Remain-In-Place
		33	7	

Plant Legend

- Tree - Salvageable

Tree - Non-Salvageable

Tree - Remain In Place

Cacti - Salvageable

Cacti - Non-Salvageable

Cacti - Remain In Place

Project Consultants

Inventory Provider

Native Resources International
1540 West Happy Valley Road
Phoenix, Arizona 85085
623-869-6757 (p) • 623-869-6769 (f)
Contact: Kevin Brenda



Native Resources Intl.
1540 W Happy Valley Rd.
Phoenix, AZ. 85027
Phone (623) 869-6757
Fax (623) 869-6769

Moran Residence
7026 N. 40th Street
Paradise Valley, Arizona
Native Plant Preservation Plan

DATE: 5/25/2018
REVISION:
SCALE: 1" = 20'
CHECKED:
DRAWN: KB
SHEET 1 OF 1