

PLANT LEGEND

BOTANICAL NAME SYMBOL (COMMON NAME)	SIZE	MIN. CAL HT & W	QTY.
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TREES			
EXISTING TREE	SIZES VARY PROTECT IN PLACE		
CERCIDILUM FLORIDUM BLUE PALM VERDE	14" H. 10" W. 5" CAL 48" BOX OR SITE SALVAGE		11

SHRUBS			
AMORPHOSA DELTOIDEA TRIANGLE-LEAF BURBAGE	5 GAL. SIZE		27
CALLIANDRA ERSOPHYLLA NATIVE FAIRY DUSTER	5 GAL. SIZE		24
ENCIELLA FARINOSA BRITTLEBUSH	5 GAL. SIZE		80
ERICACERIA LARICIFOLIA TURPENTINE BUSH	5 GAL. SIZE		35
JUSTICIA CALIFORNICA CHILIPAROSA	5 GAL. SIZE		19
LARREA TRIDENTATA CREOSOTE	5 GAL. SIZE		29
LYCUM ANDERSONII DESERT WOLFBERY	5 GAL. SIZE		7
SALVIA COLUMBARIAE DESERT CHIA	5 GAL. SIZE		9
SIMONDSIA CHINENSIS JOUJOBA	5 GAL. SIZE		7
VIGUERA DELTOIDEA GOLDENEYE	5 GAL. SIZE		15

ACCENTS			
ASCLEPIAS SUBULATA DESERT MILKWEED (OCCURS ONLY IN COURTYARD)	5 GAL. SIZE		47
POQUERIA SPLENDENS OCOTILLO	10" HEIGHT, 2" DIA. 30 CANE MNL. & MATCHED		12
OPUNTIA ENGELMANNII ENGELMANN'S PRICKLY PEAR	5 GAL. SIZE		14
YUCCA BACCATA BANANA YUCCA	5 GAL. SIZE		22

GROUND COVER / PERENNIALS			
BALVEA MULTIRADIATA DESERT MARIGOLD	5 GAL. SIZE		59
PENSTEMON PARRYI PARRY'S PENSTEMON	5 GAL. SIZE		5

TOPDRESS / DUST CONTROL			
NATIVE INDIGENOUS STONE, 5" TO 8" SIZE TO MATCH EXISTING			1,095 S.F.
1/4" MINUS STABILIZED DECOMPOSED GRANITE TO MATCH EXISTING RAKED NATIVE SOIL (OCCURS ONLY IN COURTYARD)			1,040 S.F.
RAKED NATIVE SOIL, STOCKPILE AND REDISTRIBUTE			14,830 S.F.
NATIVE INDIGENOUS STONE BOULDERS, 2' TO 4' DIA. TO MATCH EXISTING	2' DIA. = 8 3' DIA. = 9 4' DIA. = 7		

LANDSCAPE CALCULATIONS			
PHASE 2B PARKING AREA LANDSCAPE	545 S.F. = 0.01 ACRES		
PHASE 2B ON-SITE AREA LANDSCAPE	17,575 S.F. = 0.4 ACRES		
THERE IS NO EXISTING OR PROPOSED TURF IN THIS PROJECT.			
THERE IS NO PROPOSED WATER FEATURE IN THIS PROJECT.			

PLANT LEGEND (ALTERNATE AREA)

BOTANICAL NAME SYMBOL (COMMON NAME)	SIZE	MIN. CAL HT & W	QTY.
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TREES			
EXISTING TREE	SIZES VARY		
CERCIDILUM FLORIDUM BLUE PALM VERDE	48" BOX SIZE OR SITE SALVAGE		4

SHRUBS			
AMORPHOSA DELTOIDEA TRIANGLE-LEAF BURBAGE	5 GAL. SIZE		11
CALLIANDRA ERSOPHYLLA NATIVE FAIRY DUSTER	5 GAL. SIZE		9
ENCIELLA FARINOSA BRITTLEBUSH	5 GAL. SIZE		26
ERICACERIA LARICIFOLIA TURPENTINE BUSH	5 GAL. SIZE		17
JUSTICIA CALIFORNICA CHILIPAROSA	5 GAL. SIZE		12
LARREA TRIDENTATA CREOSOTE	5 GAL. SIZE		12
LYCUM ANDERSONII DESERT WOLFBERY	5 GAL. SIZE		7
SALVIA COLUMBARIAE DESERT CHIA	5 GAL. SIZE		9
SIMONDSIA CHINENSIS JOUJOBA	5 GAL. SIZE		11
VIGUERA DELTOIDEA GOLDENEYE	5 GAL. SIZE		9

ACCENTS			
YUCCA BACCATA BANANA YUCCA	5 GAL. SIZE		14

GROUND COVER / PERENNIALS			
BALVEA MULTIRADIATA DESERT MARIGOLD	5 GAL. SIZE		36
PENSTEMON PARRYI PARRY'S PENSTEMON	5 GAL. SIZE		8

TOPDRESS / DUST CONTROL			
RAKED NATIVE SOIL, STOCKPILE AND REDISTRIBUTE			3,615 S.F.
NATIVE INDIGENOUS STONE BOULDERS, 2' TO 4' DIA. TO MATCH EXISTING	2' DIA. = 1 3' DIA. = 2 4' DIA. = 3		

LANDSCAPE CALCULATIONS			
PHASE 2B PARKING AREA LANDSCAPE	3,615 S.F. = .08 ACRES		
PHASE 2B ON-SITE AREA LANDSCAPE	0 S.F.		

GENERAL NOTES

1. THE LANDSCAPE AND GENERAL CONTRACTORS SHALL REVIEW THIS PROJECT WITH THE LANDSCAPE ARCHITECT IN A PRECONSTRUCTION MEETING PRIOR TO STARTING WORK. THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES REGARDING THESE PLANS PRIOR TO PROCEEDING.

2. CONSTRUCTION SHALL NOT BEGIN PRIOR TO THE PRECONSTRUCTION MEETING AND WRITTEN AUTHORIZATION TO PROCEED IS ISSUED BY THE OWNER.

3. 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.

4. IN ALL CASES WHERE A CONFLICT MAY OCCUR, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED AND WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.

5. 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.

6. 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 REGULATIONS PERTAINING TO THE PROJECT.

7. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO LOCAL CODES.

8. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.

9. THE PROJECT LIMITS OF CONSTRUCTION SHALL BE FENCED OFF FROM SURROUNDING NATIVE VEGETATION. FENCE LOCATIONS TO BE APPROVED BY THE LANDSCAPE ARCHITECT.

10. 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.

11. UNLESS OTHERWISE SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:

- DAMAGES TO UTILITIES CAUSED AS A RESULT OF CONSTRUCTION
- DAMAGES TO EXISTING WALKS, WALLS, DRIVES, CURBS, ETC.
- INSPECTION OF THE SITE IN ORDER TO BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO SUBMITTING THE BID
- SITE SECURITY UNTIL PROJECT ACCEPTANCE

12. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.

13. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON DRAWINGS.

14. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT.

15. CONTRACTOR SHALL REFERENCE CIVIL ENGINEERING DRAWINGS FOR GRADING AND DRAINAGE FLOWS AND SHALL BE RESPONSIBLE FOR MAINTAINING THESE FLOWS FREE OF OBSTRUCTIONS.

16. CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING ALL AREAS AT THE DIRECTION OF THE LANDSCAPE ARCHITECT TO CREATE A NATURALLY UNDULATING GROUND PLANE.

17. SLEEVES, VARIATIONS IN THE SLAB ELEVATIONS, DEPRESSED AREAS AND ALL OTHER ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING REQUIREMENTS MUST BE COORDINATED BEFORE THE CONTRACTOR PROCEEDS WITH CONSTRUCTION.

18. DETAILS NOTED AS TYPICAL SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE.

PLANTING & IRRIG. NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY QUANTITIES INCLUDING TREES, SHRUBS, GROUNDCOVERS, DECOMPOSED GRANITE, MULCH & 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 A DISCREPANCY BETWEEN THE NUMBER OF PLANTS INDICATED ON THE PLANT LIST, THE DRAWINGS SHALL BE ACCEPTED AS CORRECT.

2. ALL LANDSCAPE AND IRRIGATION MATERIALS & INSTALLATION SHALL COMPLY WITH SECTIONS 424, 425, 430 757 AND 785 OF THE M.A.G. SPECIFICATIONS.

3. IRRIGATION VALVE BOXES: INSTALL TAN IRRIGATION BOXES IN ALL AREAS. BOXES SHALL BE LOCATED A MINIMUM OF 6' BEHIND ALL CIRCULATION AREAS & SHALL BE ORGANIZED IN AN ORDERLY MANNER INCLUDING GROUPING BOXES TOGETHER & SETTING THE BOXES IN LINE WITH ADJACENT WALKS AND CURBS. BOXES SHALL BE SET FLUSH WITH FINISH GRADE.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR FULL IRRIGATION COVERAGE OF ALL PLANT MATERIAL.

5. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY COVER, BOXES, LIDS & MANHOLES IN AN EXPOSED CONDITION.

6. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS SET FORTH IN THE AMERICAN STANDARDS OF NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN & BY THE ARIZONA NURSERY ASSOCIATION RECOMMENDED TREE SPECIFICATIONS.

7. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE.

8. SUBSTITUTIONS SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT.

9. LOCATE PLANTS AWAY FROM SPRINKLER HEADS, LIGHT FIXTURES & OTHER OBSTRUCTIONS.

10. THE CONTRACTOR SHALL REQUEST INSPECTION OF PLANT LAYOUT IN THE FIELD BY THE LANDSCAPE ARCHITECT A MINIMUM OF 48 HOURS IN ADVANCE FOR APPROVAL UNLESS OTHERWISE AGREED UPON.

11. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO INSPECT SHRUBS & CONTAINER TREES FOR CONDITIONS OF ROOTBALLS. THE CONTRACTOR SHALL REQUEST INSPECTION 24 HOURS IN ADVANCE OF PLANTING. UPON SUCH INSPECTIONS IF THE ROOTBALL CONDITION IS UNACCEPTABLE THE CONTRACTOR SHALL SUPPLY REPLACEMENT PLANT AT NO COST.

12. WATER TEST ALL TREE PLANTING HOLES PRIOR TO PLANTING. IF TREE HOLE DOES NOT DRAIN WITHIN A 24 HOUR PERIOD, REFER TO HARDPAN DETAIL.

13. SEE SPECIFICATIONS FOR PLANTING BACKFILL MIX.

14. ALL TOP SOIL MIXTURES FOR PLANTS SHALL BE FREE OF GRASS AND NOXIOUS WEEDS. SEE SECTION 706 OF THE M.A.G. SPECIFICATIONS.

15. PLANTING AND IRRIGATION DESIGN MAY BE MODIFIED TO ADAPT TO WALK CONFIGURATIONS THAT DIFFER FROM THESE PLANS OR BECAUSE OF GRADE LIMITATIONS ON SITE.

16. SHRUBS AND GROUNDCOVER SHALL BE PLANTED A MINIMUM OF 3' AWAY FROM THE EDGE OF WALKS, WALLS, BUILDINGS AND CURBS UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.

17. MAINTAIN 5' CLEARANCE OF CACTI FROM ALL PEDESTRIAN ROUTES UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.

18. MAINTAIN 5' CLEARANCE OF PLANT MATERIAL FROM ALL FIRE HYDRANTS AND/OR FIRE DEPARTMENT CONNECTIONS ON SITE.

PLANTING & IRRIG. NOTES

19. SIGHT DISTANCE TRIANGLES SHALL BE CLEAR OF LANDSCAPING & OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 2 FEET. TREES WITHIN THE TRIANGLES SHALL HAVE A CANOPY THAT BEGINS AT 7 FEET IN HEIGHT UPON INSTALLATION.

20. ALL LANDSCAPED AREAS SHALL BE SPRAYED WITH WEED KILLER SUCH AS ROUND-UP PER MANUFACTURER'S RECOMMENDATIONS & ALL WEEDS REMOVED 7-10 DAYS PRIOR TO PLACEMENT OF DECOMPOSED GRANITE.

21. ALL LANDSCAPE AREAS SHALL BE TREATED WITH PRE-EMERGENT AS PER MANUFACTURER'S INSTRUCTIONS - WITH THE EXCEPTION OF AREAS RECEIVING SEED MIX. DEAD DEBRIS SHALL BE PROPERLY DISPOSED OF PRIOR TO PLACEMENT OF DECOMPOSED GRANITE.

22. 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.

23. LANDSCAPE AREAS NOT OTHERWISE COVERED BY TURF, PAVING OR BUILDINGS SHALL BE DECOMPOSED GRANITE - 2" DEPTH UNLESS OTHERWISE NOTED. LANDSCAPE CONTRACTOR TO SUBMIT 5 LB. SAMPLE BAGS OF DECOMPOSED GRANITE TO LANDSCAPE ARCHITECT FOR APPROVAL.

24. AREAS OF DECOMPOSED GRANITE SHALL NOT EXCEED MORE THAN 7 FEET IN ANY DIRECTION WITHOUT PLANT MATERIAL UNLESS OTHERWISE NOTED BY THE LANDSCAPE ARCHITECT.

25. ALL ROCKS AND DEBRIS OF 1" DIA. 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.

26. GROUNDCOVER, DECOMPOSED GRANITE AND/OR DESERT PAVEMENT SHALL EXTEND UNDER SHRUBS UNLESS OTHERWISE NOTED ON THE PLANS.

27. FINISH GRADE IN ALL AREAS SHALL BE SMOOTH, EVEN AND 1/2" BELOW TOP OF CURBS, PAVING AND ADJACENT WALKS.

28. WHEN BOXED TREES ARE INSTALLED THE BOTTOM OF THE TREE BOXES SH/ NOT BE REMOVED UPON PLANTING. THE SOIL LINE OF THE PLANTED TREE SHALL MATCH THE SURROUNDING FINISH GRADE.

29. 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 ISSUANCE OF THE CERTIFICATE OF OCCUPANCY AND LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.

30. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 1 (ONE) YEAR WARRANTY ON THE IRRIGATION SYSTEM, A 1 (ONE) YEAR WARRANTY ON ALL TREES, CACTI AND 15 GALLON PLANT MATERIAL AND A 90 (NINETY) DAY WARRANTY ON ALL REMAINING PLANT MATERIAL.

31. 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 AS PER SECTION 430.8 OF THE M.A.G. SPECIFICATIONS. UPON COMPLETION OF THE MAINTENANCE PERIOD THE OWNER WILL ASSUME MAINTENANCE RESPONSIBILITIES.

32. ALL LANDSCAPE AREAS & MATERIALS, INCLUDING THOSE LOCATED IN THE RIGHT-OF-WAY SHALL BE MAINTAINED IN A HEALTHY, NEAT, WEED-FREE CONDITION. THIS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

CITY OF SCOTTSDALE NOTES

1. SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS.

2. AREAS OF SALVAGED DESERT SURFACE SOIL SHALL NOT EXCEED 7 FEET IN ANY DIRECTION WITHOUT PLANT MATERIALS OR GROUNDCOVER.

3. SIGHT DISTANCE TRIANGLE SHALL BE CLEAR OF LANDSCAPING AND OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 2 FEET.

4. TREES WITHIN THE SAFETY TRIANGLE SHALL HAVE A CANOPY THAT BEGINS AT 7 FEET IN HEIGHT UPON INSTALLATION.

5. ALL SPRAY AND STREAM IRRIGATION HEADS SHALL BE SETBACK 1 FOOT FROM THE BACK OF CURB OR SIDEWALK TO REDUCE OVERSPRAY.

6. NO TREES, SHRUBS OR WALLS WITHIN A 5'-0" RADIUS OF ALL FIRE HYDRANTS AND/OR FIRE DEPARTMENT CONNECTION.

7. NEW LANDSCAPING, INCLUDING SALVAGE 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 ISSUANCE OF THE CERTIFICATE OF OCCUPANCY/LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE INSPECTION SERVICES STAFF.

8. A MINIMUM OF 80 PERCENT OF THE PROVIDED TREES SHALL BE MATURE TREES. PURSUANT TO THE CITY OF SCOTTSDALE'S ZONING ORDINANCE ARTICLE X, SECTION 10.301, AS DEFINED IN THE CITY OF SCOTTSDALE'S ZONING ORDINANCE ARTICLE III, SECTION 3.100.

9. RETENTION/DETENTION BASINS SHALL BE CONSTRUCTED SOLELY FROM THE APPROVED CIVIL PLANS. ANY ALTERATION OF THE APPROVED DESIGN (ADDITIONAL FILL, BOULDERS, ETC.) SHALL REQUIRE ADDITIONAL FINAL PLANS STAFF REVIEW AND APPROVAL.

10. PRIOR TO THE ESTABLISHMENT OF WATER SERVICE, NON-RESIDENTIAL PROJECTS WITH AN ESTIMATED ANNUAL WATER DEMAND OF TEN (10) ACRES-FOOT OR MORE SHALL SUBMIT A CONSERVATION PLAN IN CONFORMANCE WITH SECTION 48-82 OF THE CITY CODE TO THE WATER CONSERVATION OFFICE.

11. NO LIGHTING IS APPROVED WITH THE SUBMITTAL.

12. A SINGLE TRUNK TREE'S CALIPER SIZE, THAT IS EQUAL TO OR LESS THAN 4-INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 6-INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK.

A TREE'S CALIPER SIZE FOR SINGLE TRUNK TREES THAT ARE TO HAVE A DIAMETER GREATER THAN 4-INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 12-INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK.

A MULTIPLE TRUNK TREE'S CALIPER SIZE IS MEASURED AT 6" ABOVE THE LOCATION THAT THE TRUNK SPLITS ORIGINATES, OR 6" ABOVE FINISHED GRADE IF ALL TRUNKS ORIGINATE FROM THE SOIL.

13. NO TURF AREAS ARE TO BE PROVIDED.

14. ALL RIGHTS-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER.

15. THE LANDSCAPE SPECIFICATIONS SECTION(S) OF THESE PLANS HAVE NOT BEEN REVIEWED AND SHALL NOT BE PART OF THE CITY OF SCOTTSDALE'S APPROVAL.

16. AREA WITHIN THE SIGHT DISTANCE TRIANGLES IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 1.5 FEET. TREES WITHIN THE SIGHT TRIANGLE SHALL HAVE A SINGLE TRUNK AND A CANOPY THAT BEGINS AT 8 FEET IN HEIGHT UPON INSTALLATION. ALL HEIGHTS ARE MEASURED FROM NEAREST STREET LINE ELEVATION.

17. NO IRRIGATION SHALL BE PROVIDED TO UNDISTURBED NATURAL AREA OPEN SPACE (NAOS) AREAS.

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF NEW CHAPEL BUILDING WITH SURROUNDING COURTYARDS AND EXISTING PARKING AREA MODIFICATIONS. NEW PARKING AREA EXPANSION ACROSS ENTRY DRIVE WILL BE A PROJECT ALTERNATE. LANDSCAPE WILL MAKE USE OF NATIVE PLANT AND DROUGHT TOLERANT MATERIAL.

ZONING

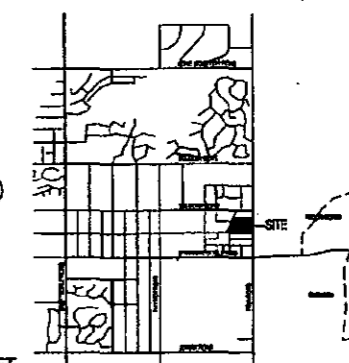
R1-100 / ESL / FO

PARCEL & ADDRESS

SCOTTSDALE FIRST ASSEMBLY
28700 N PIMA RD.
SCOTTSDALE, AZ 85262

DRAWING INDEX

LC1.1	LANDSCAPE COVER SHEET
LS1.1	LANDSCAPE SALVAGE PLAN
L1.1	LANDSCAPE PLAN
L2.0	LANDSCAPE DETAILS
L3.1	IRRIGATION PLAN
L4.0	IRRIGATION DETAILS



VICINITY MAP

WATER INTENSIVE PLANT CALCULATION	
TOTAL SITE:	17,915 SQ. FT.
ALLOWED (25%):	4,478 SQ. FT.
PROVIDED:	0 SQ. FT.

WATER INTENSIVE PLANT CALCULATION ALTERNATE AREA	
TOTAL SITE:	3,615 SQ. FT.
ALLOWED (25%):	903 SQ. FT.
PROVIDED:	0 SQ. FT.

TOTAL LANDSCAPED AREA	
TOTAL PLANTABLE AREA:	17,915 SQ. FT.
NUMBER OF MATURE TREES REQUIRED:	3
NUMBER OF MATURE TREES PROVIDED:	11

TOTAL LANDSCAPED AREA (ALTERNATE)	
TOTAL PLANTABLE AREA:	3,615 SQ. FT.
NUMBER OF MATURE TREES REQUIRED:	2
NUMBER OF MATURE TREES PROVIDED:	4

NATURAL AREA OPEN SPACE (NAOS) AND LIMITS OF CONSTRUCTION (LOC) PROTECTION PROGRAM:

1. NO BUILDING, GRADING, OR CONSTRUCTION ACTIVITY SHALL ENCR OACH INTO AREAS DESIGNATED AS NAOS, OR OUTSIDE THE DESIGNATED LIMITS OF CONSTRUCTION ENVELOPE.

2. ALL NAOS AND AREA OUTSIDE THE LOC SHALL BE PROTECTED FROM DAMAGE PRIOR TO, AND DURING CONSTRUCTION BY THE FOLLOWING METHODS:

- A. A REGISTERED LAND SURVEYOR SHALL STAKE ALL NAOS AND LOC DISTURBANCE BASED ON THIS EXHIBIT.
- B. + THREE (3) FOOT TALL STEEL REBAR, OR CITY OF SCOTTSDALE INSPECTION SERVICES APPROVED SIMILAR, SHALL BE SET ALONG THE NAOS AND LOC, AND CONNECTED WITH GOLD ROPE BY THE CONTRACTOR PRIOR TO ANY CLEARING OR GRADING.
- C. ALL CACTUS SUBJECT TO THE CITY OF SCOTTSDALE'S NATIVE PLANT ORDINANCE DIRECTLY ADJACENT, WITHIN TWO FEET, OF THE NAOS AND LOC LINE SHALL BE FENCED WITH WIRE FENCING TO PREVENT DAMAGE.
- D. THE CONTRACTOR SHALL MAINTAIN THE STAKING, ROPING, AND FENCING, INTACT DURING THE DURATION OF THE CONSTRUCTION ACTIVITY.
- 3. THE CONTRACTOR SHALL REMOVE STAKING, ROPING, AND FENCING AFTER RECEIPT OF THE LETTER OF ACCEPTANCE/CERTIFICATE OF OCCUPANCY FROM THE CITY OF SCOTTSDALE FOR ALL CONSTRUCTION WORK.

Note: All landscape areas & materials, including those located in public Rights-Of-Way, shall be maintained in a healthy, neat, clean, and weed-free condition. ANSI A300 standard practices for pruning, support systems, and safety shall be used for maintenance criteria. This shall be the responsibility of the Property Owner / Developer / HOA.

210-DR-2003#3
Case Number

APPROVED BY
Date

Construction and installation shall be in accordance with this plan and any and all deviations will require reapproval. The City will not issue a Certificate of Occupancy until Inspection Services Staff approves the landscape installation.

JJR Hoot
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Second Floor
Phoenix, AZ 85004
602.462.1425 P
602.462.1427 F

23 JANUARY 2008
FIRST REVIEW
construction documents
LC1.0
landscape cover sheet

sta
PHASE 2B CHAPEL

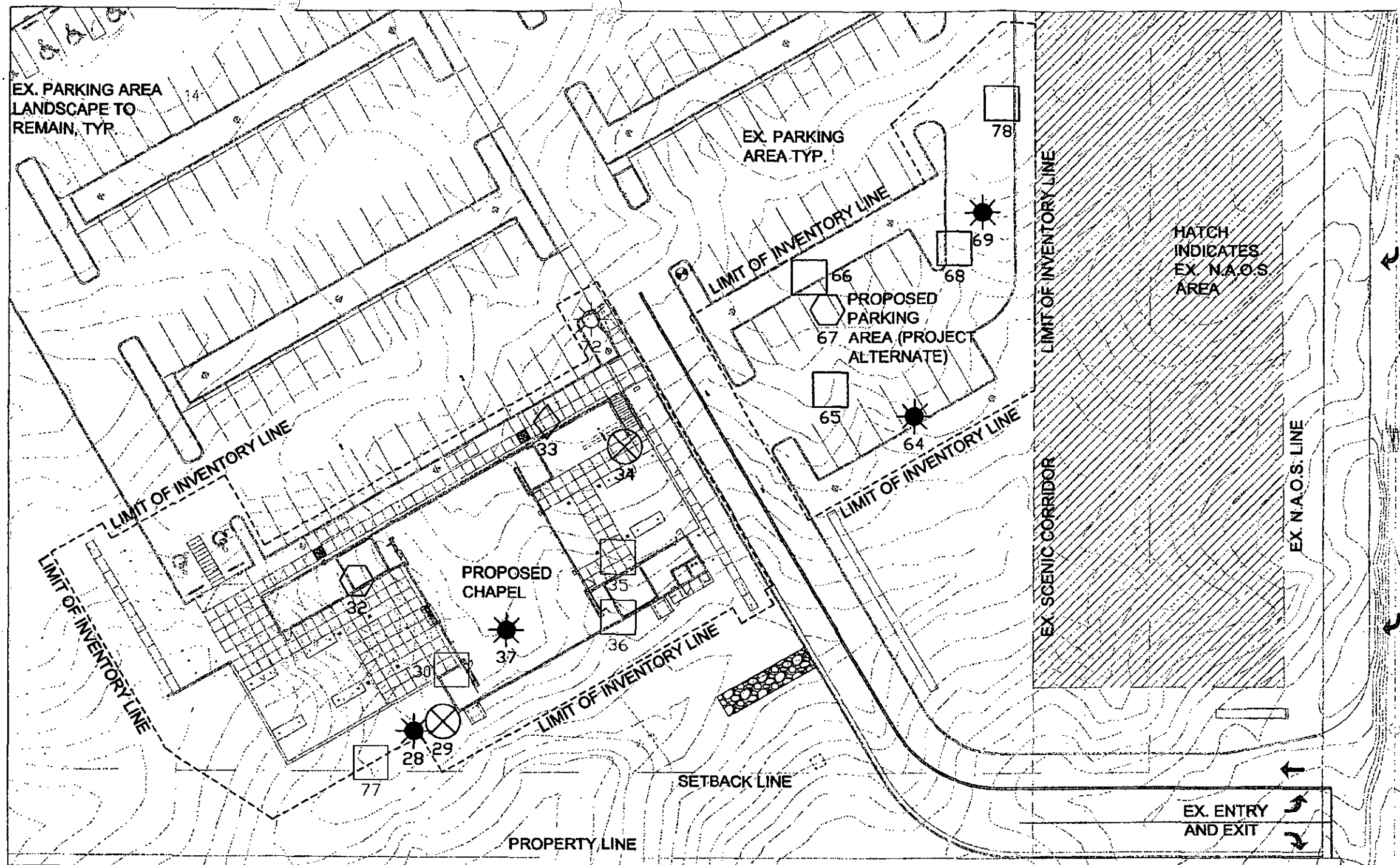
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december 2008
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0891

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LANDSCAPE PLAN
APPROVAL
CITY OF SCOTTSDALE
210-DR-2003#3
Case Number
APPROVED BY
Date
2-7-2009

APN: 216-70-008-A
DRB: 36-DR-2003#3
BLD. PL.: #1765-08-5
IMP. PL.: #1765-08-4
NAT. PLANT: 5-NP-2008



SALVAGE NOTES

1. ALL SALVAGEABLE MATERIAL TO BE CLEARLY FLAGGED WITH TAPE OR PLASTIC TAGS VISIBLE FROM ALL DIRECTIONS. TAGS SHALL BE NUMBERED TO CORRESPOND WITH THE PLANT INVENTORY AND THE SITE PLAN.

COLOR CODE AS FOLLOWS:

RED = SALVAGE AND RELOCATE
WHITE = PRESERVE AND PROTECT IN PLACE
BLUE = DESTROY, NOT SALVAGEABLE AND CANNOT REMAIN IN PLACE.

2. NO NAILS, WIRES OR OTHER OBJECTS THAT DAMAGE THE CAMBIUM OR CAUSE INJURY TO THE TREE MAY BE USED DURING THE SALVAGE PROCESS. ALL EFFORTS SHALL BE TAKEN BY USING PADDING OR OTHER METHODS TO PRESERVE THE INTEGRITY OF THE BARK.

3. SALVAGE CONTRACTOR SHALL VERIFY BOX SIZE AND ABILITY TO BE SALVAGED FOR ALL TREES DESIGNATED TO BE RELOCATED. ALL MATERIALS TO BE RELOCATED SHALL BE REMOVED BEFORE ANY CLEARING OF THE SITE TAKES PLACE.

4. CONTRACTOR TO COORDINATE LOCATION OF SALVAGE YARD, MAINTENANCE AND WATERING SCHEDULE WITH OWNER. SALVAGE YARD SHALL BE SECURE FROM CONSTRUCTION ACTIVITY AND SURROUNDED BY A 6' HIGH TEMPORARY CHAIN LINK FENCE. A TEMPORARY IRRIGATION SYSTEM SHALL BE ESTABLISHED. SALVAGE CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OWNER TO ESTABLISH A TEMPORARY WATER CONNECTION.

5. PROVIDE DRIP IRRIGATION SYSTEM FOR ALL SALVAGED PLANTS. WATER THOROUGHLY ACCORDING TO REGULAR SCHEDULE BASED UPON SEASONAL WEATHER CONDITIONS. MINIMUM SCHEDULE SHALL BE: SEPTEMBER-APRIL: IRRIGATE 2X A WEEK
MAY-OCTOBER: IRRIGATE 3X A WEEK
IRRIGATION SYSTEM SHALL BE INSPECTED FREQUENTLY AND MAINTAINED TO PROVIDE PROPER IRRIGATION TO ALL SALVAGED MATERIAL.

6. EXAMINE ROOTBALL FOR EXCESSIVE RUN-OFF CAUSED BY AIR POCKETS IN SOIL AND/OR BACKFILL. REPACK SOILS AS REQUIRED.

7. APPLY SLOW RELEASE FERTILIZER AND INSPECT PLANT AT LEAST ONCE A WEEK FOR INSECT ACTIVITY. APPLY FOLIAR SYSTEMIC SPRAY FOR SUCKING INSECTS SUCH AS THRIPS AND MITES. APPLY TRUNK SPRAY FOR WOOD BORES.

8. TREES AND PROTECTED PLANT MATERIAL OR MATERIAL NOTED FOR SALVAGE THAT ARE DESTROYED OR DIE DURING THE SALVAGE RELOCATION OR MAINTENANCE PERIOD WILL BE REPLACED WITH A PLANT OF THE SAME SIZE AND TYPE BY THE RESPONSIBLE PARTY A MINIMUM OF 90 DAYS BEFORE THE COMPLETION OF THE PROJECT.

9. PRIOR TO SALVAGING MATERIAL, CONTRACTOR TO WALK SITE WITH GENERAL CONTRACTOR, ARCHITECT, AND LANDSCAPE ARCHITECT DURING A PRE-SALVAGE SITE MEETING.

10. OWNER TO PROVIDE SECURE ONSITE SALVAGE YARD LOCATION. LANDSCAPE ARCHITECT TO APPROVE PRIOR TO START OF SALVAGE.

23 JANUARY 2009
FIRST REVIEW

construction documents

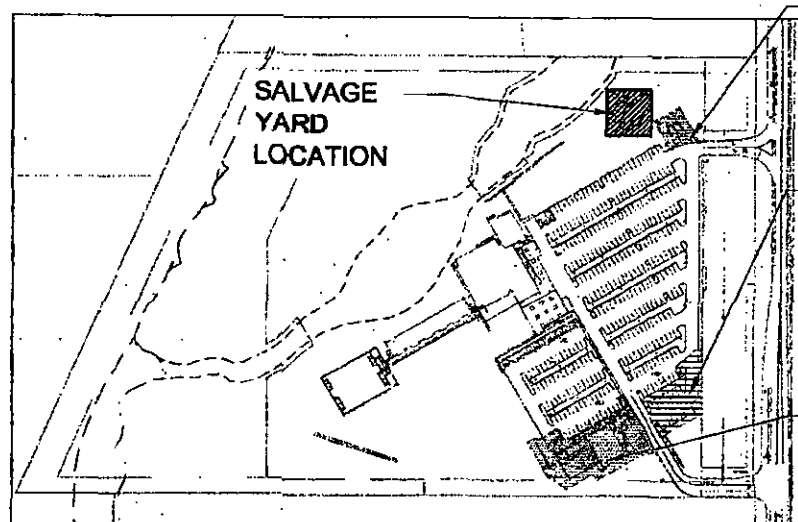
LS1.1
landscape plan

1" = 20'-0"



sfa
PHASE 2B CHAPEL

scottsdale first assembly
28700 north pima road
scottsdale, arizona 85262

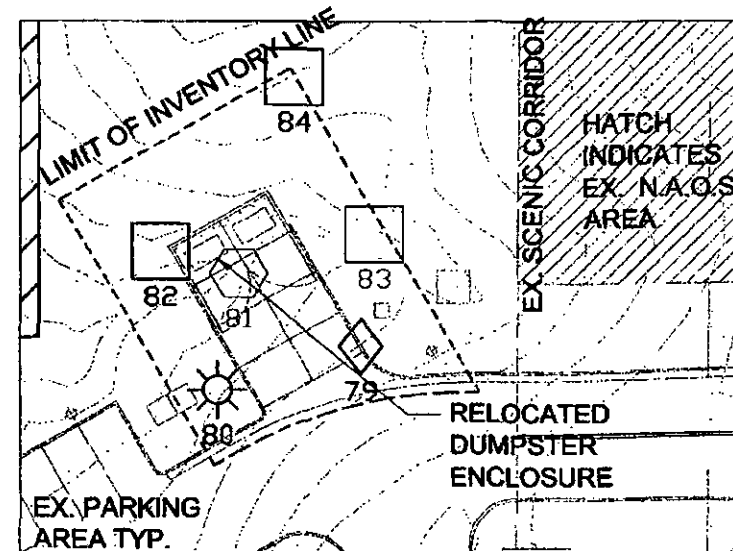


SHADED AREA INDICATES LANDSCAPE SHOWN ON THIS SHEET

HATCHED AREA INDICATES ALTERNATE AREA LANDSCAPE SHOWN ON THIS SHEET

SHADED AREA INDICATES LANDSCAPE SHOWN ON THIS SHEET

KEY PLAN - NTS



TRASH ENCLOSURE ENLARGEMENT - 1/8" = 1'-0"

STATUS	TREE ID #	SPECIES	SCIENTIFIC NAME	CACTI			TREES		COMMENTS
				HEIGHT IN FT.	ARMS IN FT.	NUM. OF ARMS	CALIPER IN IN.	INCHES	
Y	28	OCOTILLO	FOUQUERIA SPLENDENS				15.0		
Y	29	BARREL CACTUS	FEROCACTUS WESLEYANA	4.0					
N	30	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				20.0		EXPOSED ROOTS
Y	32	SAGUARO	CARNEGIA GIGANTEA	9.0			5.0		SPEAR
Y	33	NATIVE MESQUITE	PROSOPIA JULIFLORA						
Y	34	BARREL CACTUS	FEROCACTUS WESLEYANA	5.0					
N	35	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				20.0		ANGLED TRUNK
N	36	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				18.0		ANGLED TRUNK
Y	37	OCOTILLO	FOUQUERIA SPLENDENS				15.0		
Y	84	OCOTILLO	FOUQUERIA SPLENDENS				7.0		
Y	85	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				15.0		
Y	86	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				15.0		
Y	87	SAGUARO	CARNEGIA GIGANTEA	4.0					SPEAR
Y	88	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				12.0		
Y	89	OCOTILLO	FOUQUERIA SPLENDENS				15.0		
Y	72	OCOTILLO BAREROOT	FOUQUERIA SPLENDENS	10.0					
N	77	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				7.0		WEAK STRUCTURE
Y	78	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				11.0		
Y	79	NATIVE MESQUITE	PROSOPIA JULIFLORA				13.0		
Y	80	OCOTILLO BAREROOT	FOUQUERIA SPLENDENS	14.0					
N	81	SAGUARO	CARNEGIA GIGANTEA	31.0	8.0	2.0			DEHYDRATED
Y	82	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				26.0		
N	83	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				5.0		ANGLED TRUNK
Y	84	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				5.0		

december 2008

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EXPIRES: 3/31/11

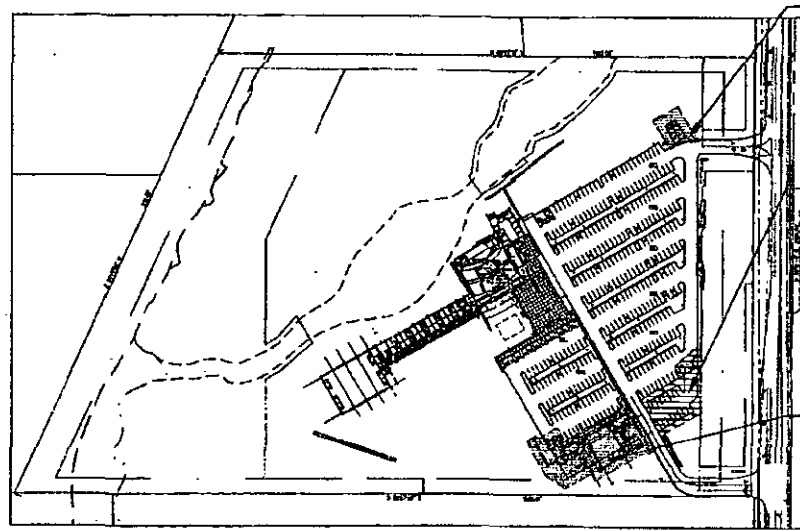
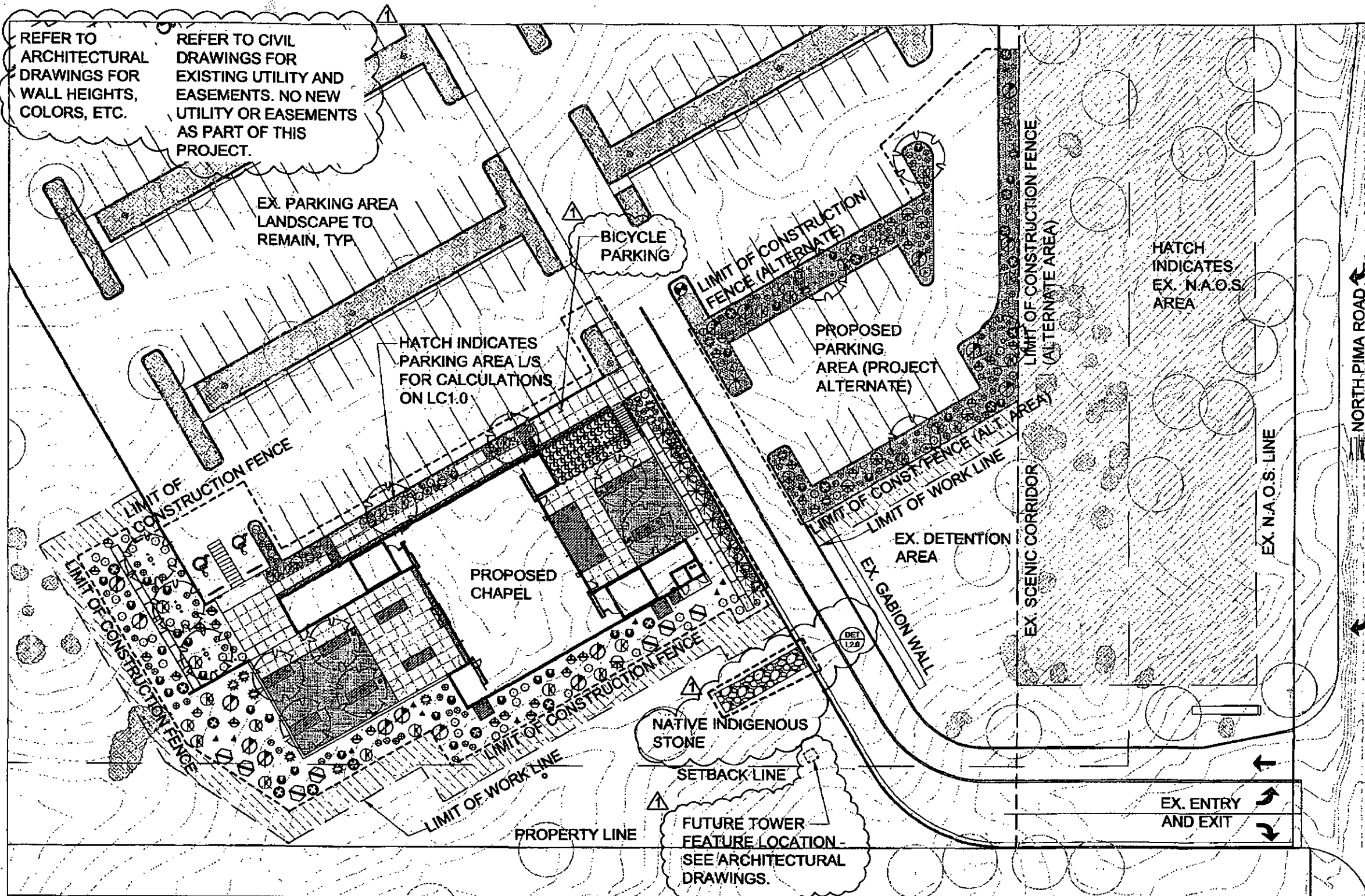
APN: 216-70-008-A
DRB: 36-DR-2003#3
BLD. PL.: #1765-08-5
IMP. PL.: #1765-08-4
NAT. PLANT: 5-NP-2008



JJR Floor

1425 N. First Street
Second Floor
Phoenix, AZ 85004

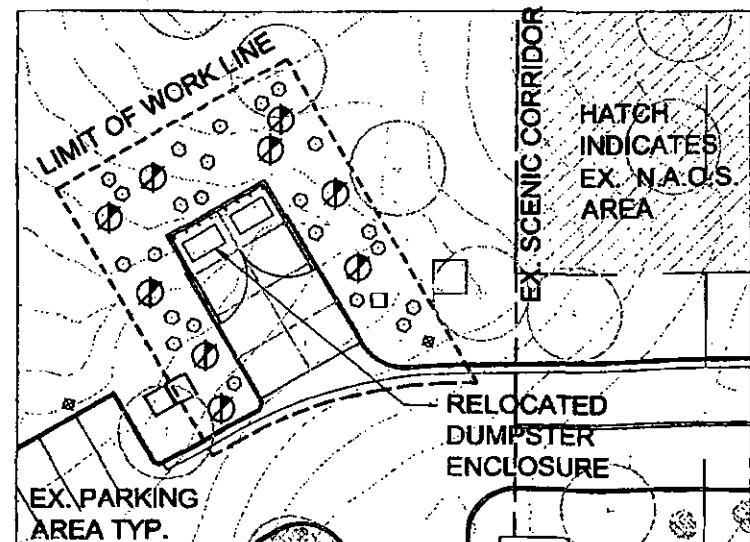
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602.462.1427 F



SHADED AREA INDICATES LANDSCAPE SHOWN ON THIS SHEET

HATCHED AREA INDICATES ALTERNATE AREA LANDSCAPE SHOWN ON THIS SHEET

SHADED AREA INDICATES LANDSCAPE SHOWN ON THIS SHEET



TRASH ENCLOSURE

PLANT LEGEND

SYM.	BOTANICAL NAME (COMMON NAME)	SIZE	MTN. CAL HT & W
TREES			
○	EXISTING TREE	SIZES VARY PROTECT IN PLACE	
⊙	CECIDIUM FLORIDUM BLUE PALM VERDE	14" x 10" W x 3" FICAL 48" BOX OR SITE SALVAGE	
SHRUBS			
⊕	AMBROSIA DELTOIDEA TRIANGLE-LEAF BURBAGE	5 GAL. SIZE	
⊕	CALLIANDRA ERIOPHYLLA NATIVE FAIRY DUSTER	5 GAL. SIZE	
⊕	ENCELIA FERNOSA BRITTLEBUSH	5 GAL. SIZE	
⊕	ERYCANTHERA LARICIFOLIA TURPENTINE BUSH	5 GAL. SIZE	
⊕	JUSTICIA CALIFORNICA CHALUPAROSA	5 GAL. SIZE	
⊕	LARREA TRIDENTATA CREOSOTE	5 GAL. SIZE	
⊕	LYCUM ANDERSONII DESERT WOLFBERRY	5 GAL. SIZE	
⊕	SALVIA COLUMBARIAE DESERT CHIA	5 GAL. SIZE	
⊕	SIMMONDSIA CHINENSIS JOJOBA	5 GAL. SIZE	
⊕	VIGUIERA DELTOIDEA GOLDENEYE	5 GAL. SIZE	
ACCENTS			
⊕	ASCLEPIAS SUBULATA DESERT MILKWEED (OCCURS ONLY IN COURTYARD)	5 GAL. SIZE	
⊕	FOURQUERIA SPLENDENS COCOTILLO	10" HEIGHT, 24" BOX 30 CANE MIN. & MATCHED	
⊕	OPUNTIA ENGELMANNII ENGELMANN'S PRICKLY PEAR	5 GAL. SIZE	
⊕	YUCCA BACCATA BANANA YUCCA	5 GAL. SIZE	
GROUND COVER / PERENNIALS			
⊕	BAILLYA MULTIRADIATA DESERT MARIGOLD	5 GAL. SIZE	
⊕	PENSTEMON PARVIFOLIUS PARVIFOLIUS	5 GAL. SIZE	
TOPDRESS / DUST CONTROL			
⊕	NATIVE INDIGENOUS STONE, 3" TO 6" SIZE TO MATCH EXISTING.		
⊕	1/4" MINUS STABILIZED DECOMPOSED GRANITE TO MATCH EXISTING RAKED NATIVE SOIL (OCCURS ONLY IN COURTYARD)		
⊕	RAKED NATIVE SOIL, STOCKPILE AND REDISTRIBUTE		
⊕	NATIVE INDIGENOUS STONE BOULDERS, 2' TO 4' DIA. TO MATCH EXISTING.		
LANDSCAPE CALCULATIONS			
⊕	PHASE 2B PARKING AREA LANDSCAPE		
⊕	PHASE 2B ON-SITE AREA LANDSCAPE		
THERE IS NO EXISTING OR PROPOSED TURF IN THIS PROJECT.			
THERE IS NO PROPOSED WATER FEATURE IN THIS PROJECT.			

23 JANUARY 2009
FIRST REVIEW

construction documents

L1.1
landscape plan

1" = 20'-0"

0 5 10 20 40 ft

sfa
PHASE 2B CHAPEL

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december 2008
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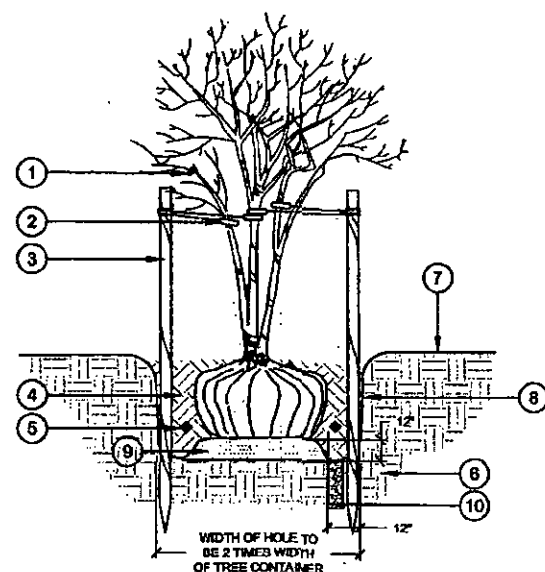


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NAT. PLANT: 5-NP-2008

JJR floor

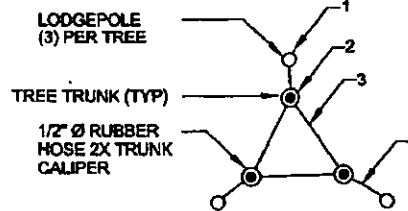
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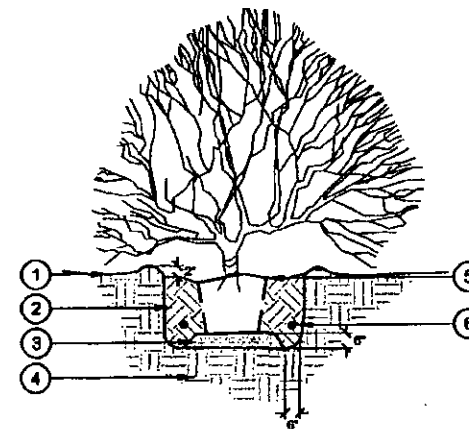
MULTI TRUNK TREE PLANTING AND STAKING
SCALE: NTS LD-TREE-MULTI

- ① ALL TREE IDENTIFICATION, TRADEMARK, SALVAGE TAGS TO REMAIN ON TREE.
- ② 2 STRAND TWISTED 10 GA. GAL. WIRE ENCASED IN 1" DIA. RUBBER HOSE. MIN. 2 WIRE SUPPORTS SHALL BE ON MAIN BRANCHING STRUCTURE.
- ③ 2 MIN.-12" LODGE POLE STAKES DRIVEN OUTSIDE ROOTBALL INTO SUBGRADE (18" MIN.) PRIOR TO BACKFILLING AS NECESSARY FOR FIRM SUPPORT. TIE TO FIRST BRANCHES AND AS NECESSARY FOR FIRM SUPPORT.
- ④ BACKFILL W/ SPECIFIED SOIL MIX PER SPECIFICATIONS - WATER & TAMP TO REMOVE AIR POCKETS.
- ⑤ PLANT TABS PER SPECIFICATIONS.
- ⑥ SUBSOIL.
- ⑦ FINISH GRADE.
- ⑧ SCARIFY SIDES OF PLANTING HOLE TO PREVENT GLAZING.
- ⑨ COMPACTED SOIL MIX (90% SPD).
- ⑩ 8" WIDE X 5' DEEP AUGER DUG WELL W/ 1-2" DIAMETER CRUSHED ROCK FOR DRAINAGE WHEN IN HARDPAN CONDITIONS.



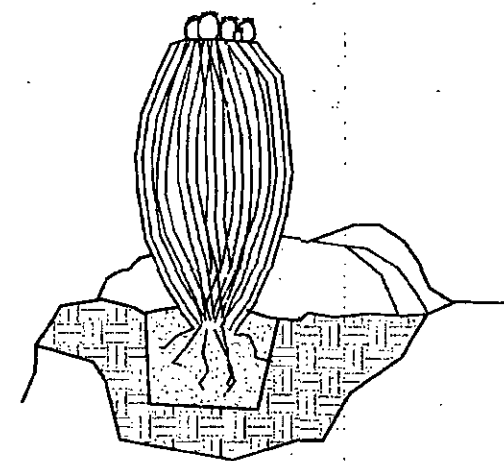
STAKING PROCEDURE

1. INSTALL LODGEPOLES
2. ATTACH RUBBER HOSES TO ALL TRUNKS
3. SECURE INTERIOR 10 GA. WIRE TO RUBBER HOSES
4. SECURE 10 GA. WIRE FROM RUBBER HOSES TO LODGEPOLES



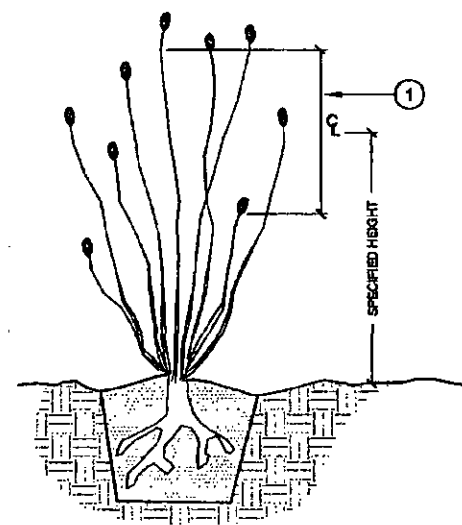
SHRUB PLANTING
SCALE: NTS LD-SHRUB

- ① ORIGINAL GRADE OF SLOPE (FINISHED GRADE).
- ② BACKFILL W/ SPECIFIED SOIL MIX PER SPECIFICATIONS. WATER & TAMP TO REMOVE AIR POCKETS.
- ③ COMPACTED SOIL MIX (90% SPD).
- ④ SUBSOIL.
- ⑤ TOP OF ROOT BALL AND WELL TO BE 2" BELOW SAUCER.
- ⑥ PLANT TABS PER SPECIFICATIONS.



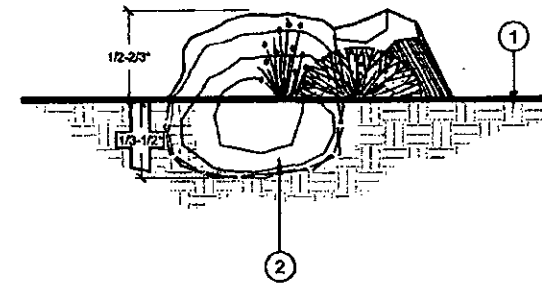
SALVAGE BARREL, PRICKLY PEAR AND HEDGEHOG
SCALE: NTS LD-CACTI

1. PLANT PIT TO BE 6" DEEPER THAN FREE EXTENSION OF ROOTS.
3. INSPECTION & APPROVAL OF ALL CACTI REQUIRED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. USE DRY SITE SOIL IN PIT - NO MULCH.
5. DO NOT WATER FOR 3 WEEKS.
6. AT SITE, DUST ENTIRE ROOT STRUCTURE W/ WETTABLE DUSTING SULPHUR (1.5% MIN.).



OCOTILLO PLANTING
SCALE: NTS LD-OCOTILLO

- ① AVERAGE OF 75% OF TALLER CANES.
- NOTES**
1. ROOT PRUNE ALL SHREDDED OR DAMAGED ROOTS.
 2. AT JOB SITE, DUST ENTIRE ROOT STRUCTURE W/ WETTABLE DUSTING SULPHUR.
 3. PLANTING MIX SHALL BE 1/3 NITROGEN STABILIZED MULCH & 2/3 SPEC SOIL BY VOLUME.
 4. PLANTING DEPTH TO BE THAT AT WHICH PLANT WAS GROWN.
 5. APPLY "SUPERTHRIVE", "B-1" OR OTHER APPROVED HORMONE AS DIRECTED BY THE MANUFACTURER FOR 2 WATERINGS COMMENCING IMMEDIATELY AFTER INSTALLATION, WATER WEEKLY THRU SUMMER.



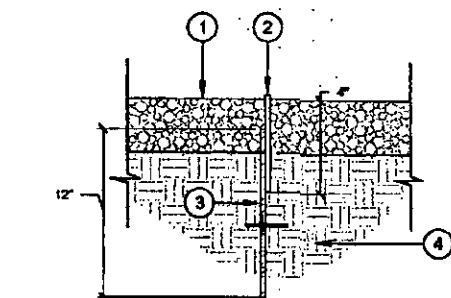
BOULDER INSTALLATION
SCALE: NTS LD-BOULDER

- ① COMPACTED SUBGRADE
- ② BURY ALL BOULDERS 2/3 BELOW FINISH GRADE

NOTE:

CONTRACTOR TO SITE SALVAGE NATIVE INDIGENOUS STONE BOULDERS DURING CONSTRUCTION AND PROVIDE SAMPLES TO LANDSCAPE ARCHITECT FOR APPROVAL.

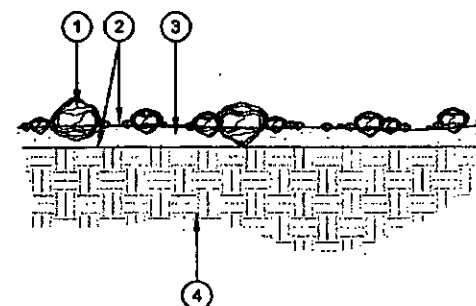
* MIX BOULDER DEPTHS IN BOULDER GROUPINGS



STEEL HEADER
SCALE: NTS LD-HEADER-STEEL

- ① FINISH GRADE D.G. PLANTING AREA. DEPTH PER PLANS.
- ② 1/2" THICK MILD STEEL EDGING. NATURAL FINISH.
- ③ 12" STEEL PIN @ 4' O.C. SET TOP OF PIN 1" BELOW TOP OF D.G. TO CONCEAL.
- ④ COMPACTED SUBGRADE.

NOTE:
COMPACT GRADE ADJACENT TO EDGING TO AVOID SETTLING.



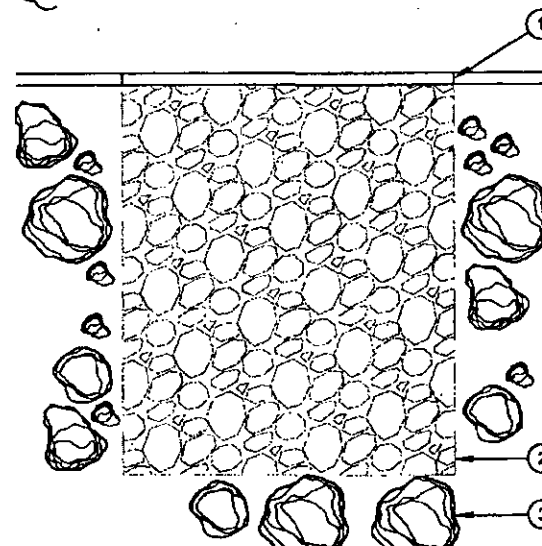
NOTE:

DESERT PAVING SHALL BE SCATTERED OVER ALL PLANTING AREAS IN AN UNEVEN LAYER 2" MIN. DEPTH U.N.O. ON PLANS.

DISTRIBUTE COBBLE FIRST SO DECOMPOSED GRANITE PARTIALLY BURIES COBBLE.

DESERT PAVEMENT
SCALE: NTS LD-DESPAVE

- ① 3-5" SITE SALVAGED NATIVE INDIGENOUS STONE COBBLE.
- ② PRE-EMERGENT-TWO APPLICATIONS.
- ③ 1/2"-1" MINUS RAKED NATIVE SOIL. STOCKPILE DURING CONSTRUCTION AND REDISTRIBUTE.
- ④ SUBGRADE.



DRAINAGEWAY BOULDERS
SCALE: NTS LD-SPILLWAY

- ① CURB CUT FOR DRAINAGE - REFER TO CIVIL DRAWINGS
- ② LIMIT OF ARMORED NATIVE INDIGENOUS STONE DRAINAGE MITIGATION - SIZE AND SHAPE VARIES REFER TO CIVIL DRAWINGS
- ③ NATIVE INDIGENOUS STONE BOULDERS - LANDSCAPE ARCHITECT TO FIELD LOCATE. REFER TO LANDSCAPE LEGEND FOR QUANTITIES AND SIZES.

sta
PHASE 2B CHAPEL

scottsdale first assembly
28700 north prima road
scottsdale, arizona 85262

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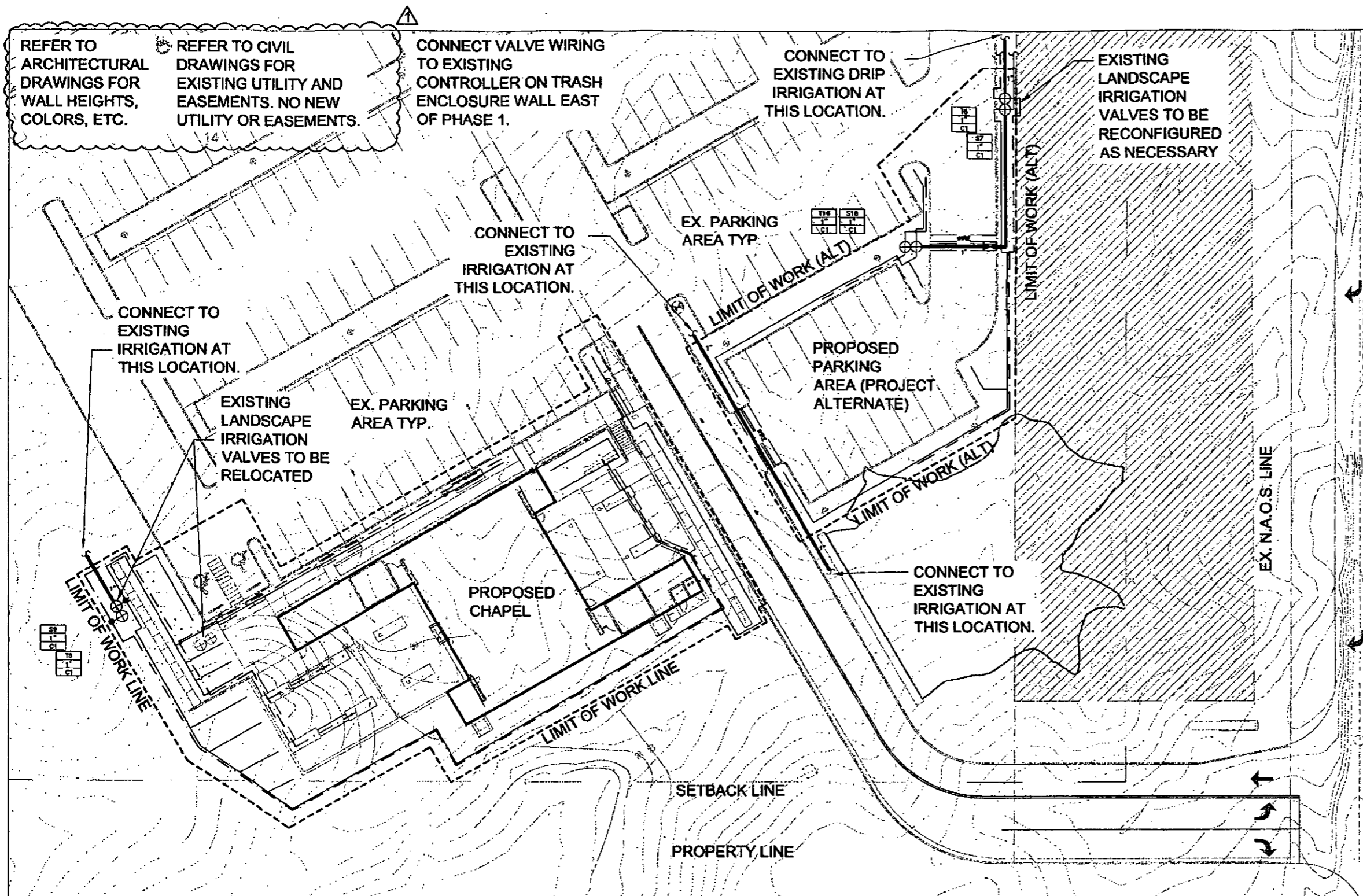


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JJR floor

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IRRIGATION LEGEND

SYMBOL	DESCRIPTION	MODEL NUMBER	MANUF.
A	CONTROLLER	EXISTING	
⊕	DRIP VALVE ASSEMBLY	100 PESS VALVE, AGRICULTURAL PRODUCTS FILTER WITH MESH SCREEN	RAIN BIRD
⋈	GATE VALVE	SEE DETAIL 1/LA.0 SIZE PER MAINLINE	NIBCO
•	DRIP PRESSURE REGULATOR	SEE DETAIL 4/LA.0	
—△—	FLUSHING END CAP	SEE DETAIL 2/LA.0	
—	MAIN LINE	PVC, CL. 200 PIPE, SIZE PER PLAN	
- - -	LATERAL LINE	PVC, CL. 200 PIPE, 1" SIZE	
---	DRIP LINE (SHRUBS)	3/4" CL. 200	
---	DRIP LINE (TREES)	3/4" CL. 200	
---	PIPE SLEEVE		
---	WIRE SLEEVE		
NOT SHOWN	DRIP EMITTER	REFER TO EMITTER SCHEDULE SEE DETAIL 1/LA.1	BOWSMITH
NOT SHOWN	CONTROL WIRE	1/2" DIRECT BURIAL SOLID COPPER, 12 GA. COMMON, 12 GA. CONTROL	
A1	SHRUB / TREE		
1"	VALVE SIZE		
00.00	CONTROLLER		

NOTES:

MAINLINE AND DRIP LINE SHOWN ARE DIAGRAMMATIC. INSTALL ALL IRRIGATION COMPONENTS WITHIN LANDSCAPE AREAS. REFER TO DETAILS FOR EXACT CONFIGURATION.

PROVIDE IRRIGATION EQUIPMENT AND MATERIALS AS SPECIFIED OR AS APPROVED BY OWNER.

ALL LATERAL FROM DRIP VALVE TO PRESSURE REGULATOR SHALL BE 1" UNLESS OTHERWISE NOTED.

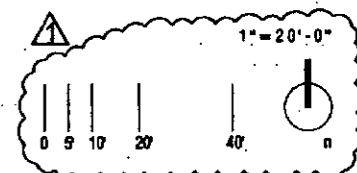
PROVIDE PIPE AND WIRE SLEEVING UNDER ALL ROAD CROSSINGS, CONCRETE HEADERS, WALKS, AND TRAIL CROSSINGS.

CONTRACTOR TO FIELD VERIFY EXISTING IRRIGATION SYSTEM COMPONENTS PRIOR TO INSTALLATION AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

CONTRACTOR TO DEMOLISH/RELOCATE EXISTING IRRIGATION COMPONENTS AS NECESSARY AND RECONFIGURE EXISTING SYSTEM TO PROVIDE AUTOMATIC UNDERGROUND IRRIGATION TO ALL PLANTS AS SHOWN ON THE PLANTING PLAN.

23 JANUARY 2009
FIRST REVIEW
construction documents

L3.1
irrigation plan

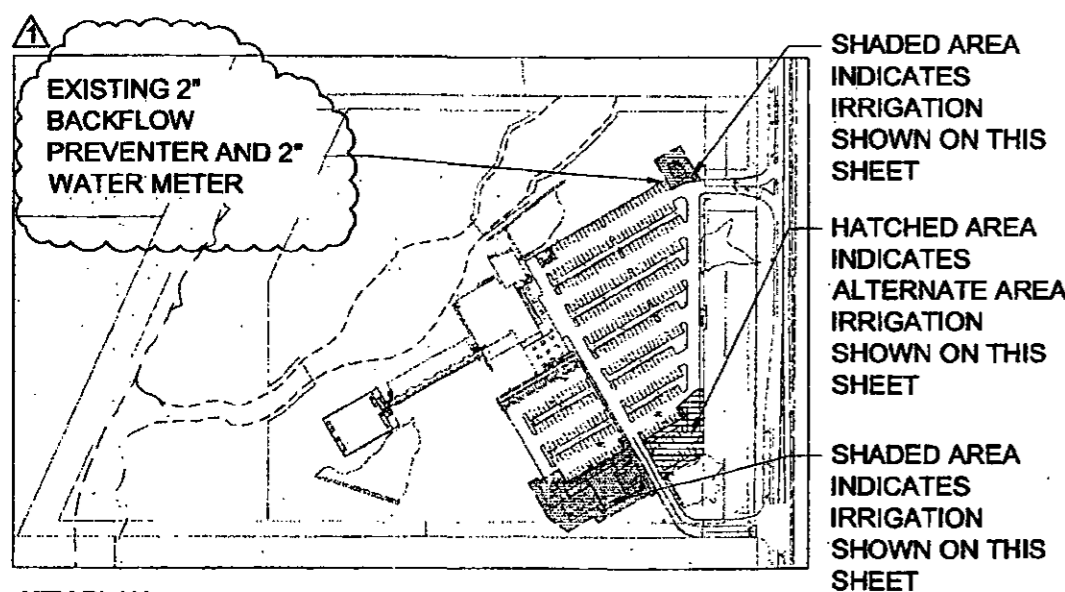
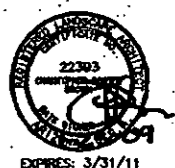


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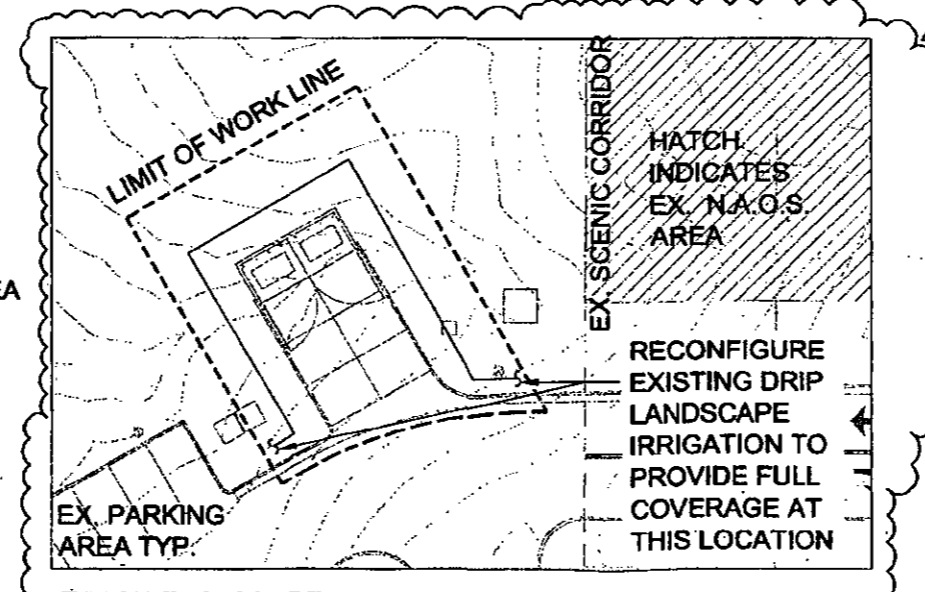
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KEY PLAN - NTS

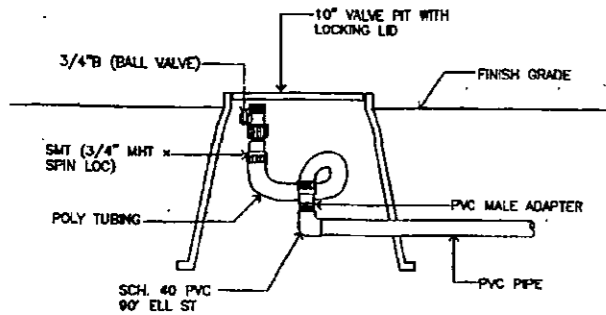


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NOTE:
VALVE PITS IN TURF AREAS TO
BE GREEN IN COLOR. VALVE
PITS ON NON-TURF AREAS TO
BE TAN IN COLOR.

① FLUSHING END CAP
SCALE: NTS

NOTE:
ALL PIPE SLEEVES TO BE SCH. 40 PVC AND SHALL BE INSTALLED WITH A MINIMUM
OFF SET AT THE JOINTS TO PERMIT EASY INSTALLATION AND REMOVAL OF IRRIGATION
LINES. ALL PLASTIC LINES SHALL BE INSTALLED IN SLEEVES UNDER PAVED AREAS.
SLEEVES SHALL EXTEND AT LEAST 12" BEYOND THE EDGES OF THE PAVEMENT. SIZE
OF SLEEVES SHALL BE AS SHOWN:

PIPE SIZE	O.D.	SCH. 40 SLEEVE SIZE	I.D.
CL. 315 1/2" Class 315	0.840	2"	2.067
CL. 200 3/4"	1.050	2"	2.067
1"	1.315	2-1/2"	2.469
1-1/2"	1.900	3"	3.068
2"	2.375	4"	4.026
2-1/2"	2.875	4"	4.026
3"	4.520	6"	6.065
4"	5.730	8"	7.981

② PIPE SLEEVING CHART
SCALE: N/A

PLANT TYPE PLANT SIZE EMITTERS PER PLANT OUTLET OUTLETS PER TOTAL GPH PER PLANT

TREES	15 GAL	1 MULTI	2 GPH	3	6 GPH
TREES	24" BOX	1 MULTI	2 GPH	4	8 GPH
TREES	36" BOX	2 MULTI	2 GPH	4	8 GPH
TREES	42" BOX	2 MULTI	2 GPH	5	10 GPH
TREES	48" BOX	2 MULTI	2 GPH	6	12 GPH
TREES	54" BOX	2 MULTI	2 GPH	7	14 GPH
TREES	60" BOX	2 MULTI	2 GPH	8	16 GPH

SHRUBS	6 GAL	1 SINGLE	1 GPH	1	1 GPH
SHRUBS	1 GAL	1 SINGLE	1 GPH	1	1 GPH

GROUND 1 GAL	1 SINGLE	1 GPH	1	1 GPH
COVER PLANTS				
CACTI	1 SINGLE	.8 GPH	.8	.8 GPH

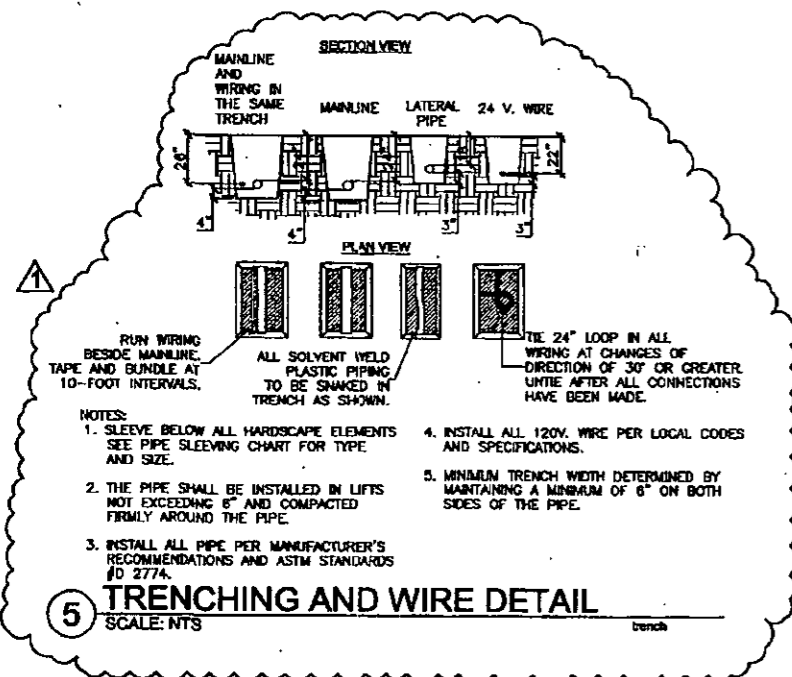
NOTE: ALL EMISSION POINTS TO BE LOCATED ON THE UPHILL
SIDE OF PLANT MATERIAL.

③ EMITTER SCHEDULE
SCALE: NTS

NOTE:
ALL WIRE SLEEVES TO BE SCH. 40 PVC AND SHALL BE INSTALLED WITH A MINIMUM
OFF SET AT THE JOINTS TO PERMIT EASY INSTALLATION AND REMOVAL OF CONTROL
AND COMMON WIRES. ALL WIRES SHALL BE INSTALLED IN SLEEVES UNDER PAVED
AREAS. SLEEVES SHALL EXTEND AT LEAST 12" BEYOND THE EDGES OF THE
PAVEMENT. SIZE OF SLEEVES SHALL BE AS SHOWN:

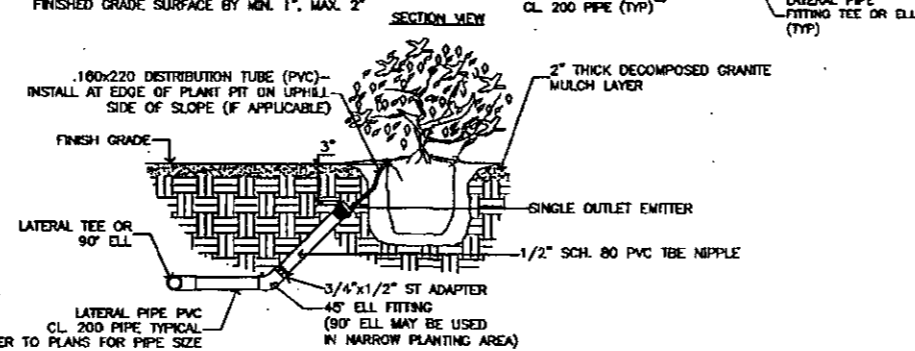
WIRE SIZE (AWG)	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	WIRE SIZE (AWG)
18	6	12	20	35	49	80	110	18
16	5	10	16	30	42	67	97	16
14	4	8	10	18	25	40	56	14
12	3	5	7	15	20	33	50	12
10	1	3	6	13	18	27	40	10

④ WIRE SLEEVING CHART
SCALE: N/A

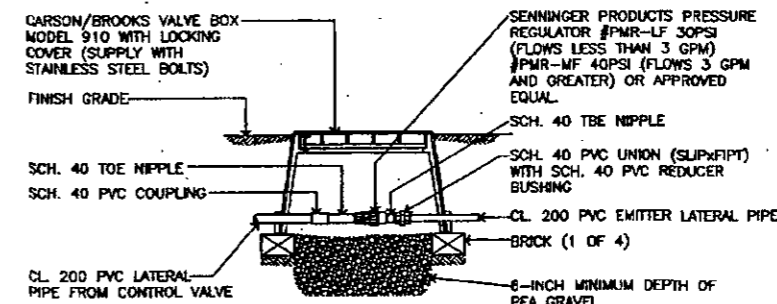


⑤ TRENCHING AND WIRE DETAIL
SCALE: NTS

- NOTES:
- EMITTER TUBING EMISSION POINTS SHALL BE EQUALLY SPACED AND LOCATED TO DIRECT WATER FLOW TO THE PERIMETER OF THE DRIP LINE.
 - NUMBER OF EMITTER TUBES REQUIRED IS BASED ON PLANT SIZE (SEE IRRIGATION EMITTER SCHEDULE).
 - MAXIMUM EMITTER TUBING LENGTH SHALL BE 36" FOR SHRUBS, 60" FOR TREES.
 - EMITTERS ARE TO BE INSTALLED TO CLEAR FINISHED GRADE SURFACE BY MIN. 1", MAX. 2"

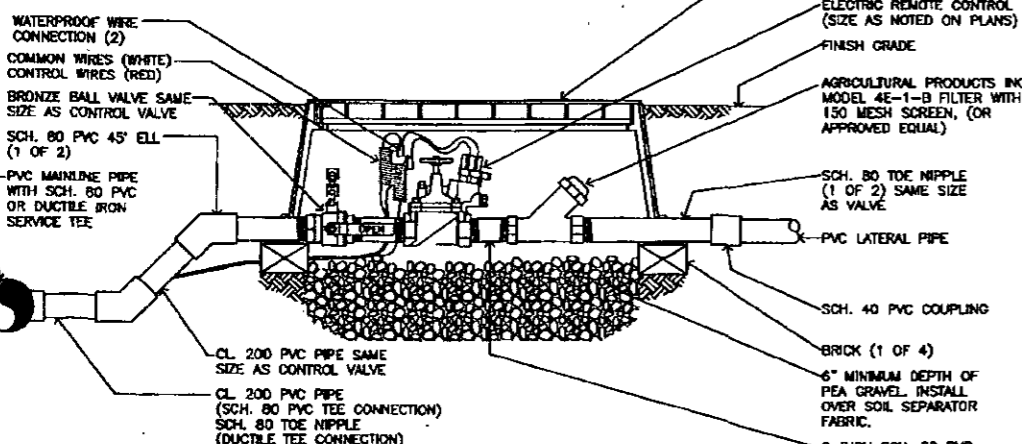


⑥ SINGLE OUTLET EMITTER
SCALE: NTS

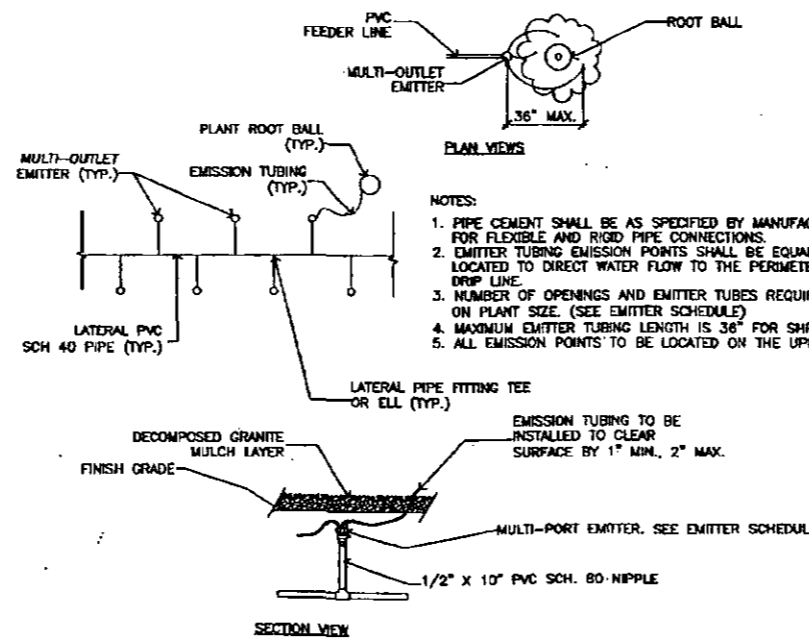


⑦ PRESSURE REGULATOR FOR DRIP VALVE
SCALE: NTS

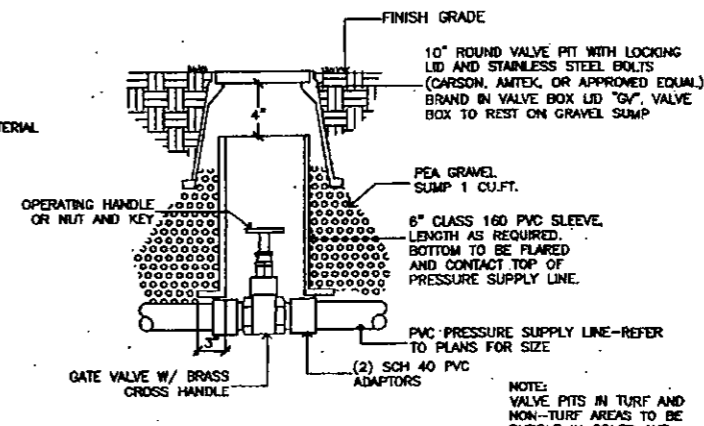
- NOTES:
- INSTALL ASSEMBLY TO REST ON GRAVEL SUMP.
 - CONTAIN ENTIRE ASSEMBLY WITHIN BOX.
 - VALVE BOX TO BE FLUSH WITH FINISH GRADE.
 - LINE GRAVEL SUMP WITH ONE CONTINUOUS PIECE OF APPROVED GEOTEXTILE FILTER FABRIC. EXTEND FABRIC 10" UP ALL SIDES OF VALVE BOX EXTERIOR WALLS.
 - PROVIDE 30" SLACK WIRE IN 3/4" COILS FOR EACH WIRE ENTERING THE VALVE BOX.



⑧ DRIP ELECTRIC CONTROL VALVE
SCALE: NTS



⑨ MULTI-OUTLET EMITTER
SCALE: NTS



⑩ GATE VALVE 1" TO 2-1/2"
SCALE: NTS

23 JANUARY 2009
FIRST REVIEW

construction documents

L4.0
Irrigation details

sfa
PHASE 2B CHAPEL

scottsdale first assembly
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NAT. PLANT: 5-NP-2008

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