




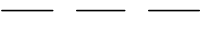




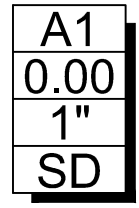
MESA GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS FURNISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS AND AS AMENDED BY THE CITY OF MESA. ALL WORK AND MATERIALS NOT IN CONFORMANCE WITH THESES AMENDED SPECIFICATIONS AND DETAILS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. SEPARATE RIGHT-OF-WAY PERMITS ARE REQUIRED FOR ALL PUBLIC UTILITIES, PUBLIC STREET IMPROVEMENTS, AND RIGHT-OF-WAY LANDSCAPING. FOR INFORMATION REGARDING AVAILABILITY AND COST OF RIGHT-OF-WAY PERMITS, CONTACT THE PERMIT SERVICES SECTION OF THE BUILDING SAFETY DIVISION @ 480-644-4B5D [www.cityofmesa.org/buildingsafety/permitservices.aspx](http://www.cityofmesa.org/buildingsafety/permitservices.aspx).
3. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED UNLESS OTHERWISE NOTED. CONTRACTORS MUST HOLD THE APPROPRIATE CLASS OF LICENSE AND SHALL HAVE ON FILE WITH THE PERMIT SERVICES SECTION PROOF OF INSURANCE COVERAGE. PERMITS ALSO BECOME INVALID AND MUST BE UPDATED IF WORK HAS NOT BEGUN WITHIN 90 DAYS. PERMITS ALSO BECOME INVALID IF THE CONTRACTOR'S INSURANCE LAPSSES OR IS VOIDED.
4. 24 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK, CONSTRUCTION OR INSTALLATIONS ASSOCIATED WITH THIS PERMIT, THE PERMITEE SHALL NOTIFY CITY OF MESA ENGINEERING CONSTRUCTION SERVICES AT 480-644-2253 OF INTENT TO BEGIN AND REQUEST/SCHEDULE PRELIMINARY FIELD REVIEW AT THE PROJECT SITE WITH THE CITY OF MESA ENGINEERING CONSTRUCTION INSPECTOR. FAILURE TO PROVIDE PROPER INSPECTION NOTIFICATION AS PRESCRIBED ABOVE, SHALL RESULT IN THIS PERMIT BECOMING INVALID AND WORK BEING STOPPED.
5. CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS TO OBTAIN THE NECESSARY RIGHT-OF-WAY PERMITS AND SHALL COMPLY WITH THE RIGHT-OF-WAY PERMIT CONDITIONS AS FOUND ON THE BACK OF THE PERMIT FORM.
6. THE CITY OF MESA PARKS AND RECREATION DIVISION IS NOT REPRESENTED BY BLUE STAKE. WHEN THE CONTRACTOR EXCAVATES NEAR OR ADJACENT TO A CITY PARK, THE CONTRACTOR SHALL CONTACT THE PARKS AND RECREATION ADMINISTRATION SECTION AT 480-644-2354 TO REQUEST ASSISTANCE IN LOCATING ALL THEIR UNDERGROUND FACILITIES.
7. THE CONTRACTOR SHALL OBTAIN AN EARTH MOVING PERMIT FROM THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT AND SHALL COMPLY WITH ITS REQUIREMENTS FOR DUST CONTROL.
8. THE ENGINEER HEREBY CERTIFIES AS EVIDENCED BY A PROFESSIONAL SEAL & SIGNATURE THAT ALL AFFECTED UTILITY COMPANIES BOTH PUBLIC AND PRIVATE HAVE BEEN CONTACTED AND ALL EXISTING AND/OR PROPOSED UTILITY LINES AND OTHER RELATED INFORMATION HAVE BEEN TRANSFERRED ONTO THESE PLANS. THE ENGINEER OR ARCHITECT ALSO HEREBY CERTIFIES THAT ALL EXISTING AND/OR PROPOSED PUBLIC RIGHTS-OF-WAY OR EASEMENTS HAVE BEEN CORRECTLY PLOTTED/SHOWN.
9. THE ENGINEER, OR LAND SURVEYOR OF RECORD SHALL CERTIFY UPON COMPLETION OF CONSTRUCTION THAT ALL PUBLIC IMPROVEMENTS (WATER AND SEWER UTILITIES, STORM SEWER, CONCRETE, PAVING, STREET LIGHTS, ETC.) HAVE BEEN INSTALLED AT THE LOCATIONS AND ELEVATIONS SHOWN ON THE APPROVED PLANS. ANY CHANGES SHALL BE REFLECTED ON "AS-BUILT" DRAWINGS PROVIDED BY THE ENGINEER TO THE ENGINEERING DEPARTMENT CONSTRUCTION SERVICES.
10. THE REGISTERED ENGINEER OR LAND SURVEYOR SHALL CERTIFY THAT THE MINIMUM HORIZONTAL AND VERTICAL SEPARATION BETWEEN UTILITIES WITHIN PUBLIC RIGHT-OF-WAY OR EASEMENTS HAS BEEN MAINTAINED AS REQUIRED BY LAW OR POLICY.
11. THE DEVELOPER SHALL PROVIDE ALL CONSTRUCTION STAKING FOR THE PROJECT.
12. THE DEVELOPER OR ENGINEER IS RESPONSIBLE FOR ARRANGING FOR THE RELOCATION OR REMOVAL OF ALL UTILITIES OR FACILITIES THAT ARE IN CONFLICT WITH THE PROPOSED PUBLIC IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ALL UTILITIES, POWER POLES, IRRIGATION DRY-UPS, RESETS REMOVALS BY OTHERS, ETC.
13. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO EXCAVATION AND AVOID DAMAGE TO SAME. CALL 602-269-1100 FOR BLUE STAKE 2 WORKING DAYS PRIOR TO DIGGING. CALL SALT RIVER PROJECT FOR POLE BRACING ELECTRIC SERVICE OR CONSTRUCTION SCHEDULING AT 602-279-8888.
14. CONTRACTORS SHALL COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AND BARRICADING PER THE CURRENT CITY OF MESA TRAFFIC BARRICADE MANUAL.
15. IF A FIRE HYDRANT IS NEEDED TO OBTAIN CONSTRUCTION WATER, THE CONTRACTOR SHALL OBTAIN A FIRE HYDRANT METER FROM PERMIT SERVICES AND PAY ALL AFFICABLE FEES AND CHARGES.
16. IF DURING THE CONSTRUCTION OF A PUBLIC FACILITY, THE CONTRACTOR FAILS TO OR IS UNABLE TO COMPLY WITH A REQUEST OF THE ENGINEERING CONSTRUCTION INSPECTOR, AND IT IS NECESSARY FOR CITY FORCES TO DO WORK THAT IS NORMALLY THE CONTRACTOR'S RESPONSIBILITY, THE CITY SHALL BE JUSTIFIED IN BILLING THE CONTRACTOR. EACH INCIDENT REQUIRING WORK BY CITY FORCES SHALL BE COVERED BY A SEPARATE BILLING AT THE CURRENT APPLICABLE RATES.





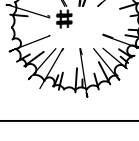
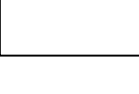
LANDSCAPE NOTES (NOT APPROVED)

1. PROVIDE LANDSCAPE ARCHITECT A SAMPLE OF DECOMPOSED GRANITE FOR APPROVAL PRIOR TO DELIVERY TO THE SITE.
2. PREPARED BACKFILL FOR PLANTING PITS SHALL BE 4 PARTS NATIVE SOIL TO 1 PART NITROGEN STABILIZED MULCH. MIX MULCH AND SOIL BACKFILL THOROUGHLY TO CREATE BACKFILL PRIOR TO PLACING IN PIT.
3. TOPSOIL TO CONFORM TO THE REQUIREMENTS OF MAG SPECIFICATION SECTION 795. PROVIDE A WRITTEN DESCRIPTION OF CERTIFICATION OF ORIGINAL ORIGIN OF TOPSOIL TO LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO THE SITE.
4. PLANT TABLETS TO BE AGRIFORM 21 GRAM, 20-10-5 FERTILIZER TABLETS.
5. CONTRACTORS RESPONSIBILITY TO FIELD ESTIMATED DECOMPOSED GRANITE QUANTITIES. INDICATE THE UNIT PRICE ONLY AT THE TIME OF BIDDING.
6. ALL PLANTS MUST BE INSPECTED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
7. PLANT QUANTITIES ON THE PLANT LIST ARE PROVIDED AS A CONVENIENCE TO THE CONTRACTOR, PLANS TAKE PRECEDENCE.
8. LANDSCAPE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES FOR PROTECTION PRIOR TO CONSTRUCTION. CONTACT BLUE STAKE AT 602-269-1100 OR 1-800-782-5348.
9. PRIOR TO BIDDING, THE LANDSCAPE SUPERINTENDENT SHALL WALK THE SITE TO DETERMINE THE FULL EXTENT OF DEMOLITION WORK REQUIRED.
10. THE LANDSCAPE CONTRACTOR SHALL WARRANTY THE WORK FOR A PERIOD OF ONE YEAR.
11. CLARIFICATION OF DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND THE SITE SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
12. BEFORE WORK BEGINS ON THE PROJECT, THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT WITH THE ARCHITECT AND/OR OWNER'S REPRESENTATIVE.
13. THE LANDSCAPE ARCHITECT, OWNER'S REPRESENTATIVE, AND THE CITY OF MESA SHALL APPROVE ANY AND ALL SUBSTITUTIONS.
14. THE LANDSCAPE ARCHITECT AND /OR OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE. ALL PLANT MATERIAL SHALL BE INSPECTED PRIOR TO INSTALLATION.
15. UNLESS OTHERWISE NOTED ON PLANS, DECOMPOSED GRANITE SHALL EXTEND UNDER SHRUBS AND BE RAKED UNIFORMLY ALONG WALLS, SIDEWALKS, AND CURBS.
16. SEE ENGINEERING OR ARCHITECTURAL DRAWINGS FOR DRAINAGE FLOWS. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE THAT THESE ARE PROVIDED AND ARE NOT IMPAIRED WITH OBSTRUCTIONS.
17. DOUBLE STAKE ALL TREES OUTSIDE ROOTBALL.
18. LANDSCAPE CONTRACTOR TO PROVIDE BARRICADES ALONG PUBLIC STREETS IF REQUIRED DURING INSTALLATION.
19. LANDSCAPE CONTRACTOR SHALL INSPECT WITH OWNER'S REPRESENTATIVE ALL SIDEWALK AND CURB DEFECTS PRIOR TO BEGINNING WORK. ALL HARDSCAPE TO BE RE-INSPECTED DURING FINAL WALK THRU. ANY DAMAGED AREAS TO BE REPAIRED AT CONTRACTOR'S EXPENSE.
20. PLANTS TO BE LOCATED AWAY FROM OBSTACLES SUCH AS FIRE HYDRANTS, TRANSFORMERS, POWER POLES, AND LIGHT FIXTURES AS NECESSARY.
21. LANDSCAPE CONTRACTOR TO CONTACT ARCHITECT AND/OR OWNER'S REPRESENTATIVE BEFORE EACH APPLICATION OF PRE-EMERGENT FOR VERIFICATION. MINIMUM 2 APPLICATIONS REQUIRED.
22. LANDSCAPE PLANS MUST CONFORM TO CIVIL DRAWINGS.
23. LANDSCAPE MAINTENANCE WITHIN THE PUBLIC RIGHT OF WAY SHALL BE THE RESPONSIBILITY OF THE HOME OWNER'S ASSOCIATION.

IRRIGATION SCHEDULE

SYMBOL	SPECIFICATION
	EXISTING 1 1/2" BACKFLOW PREVENTER. CONTRACTOR TO LOCATE IN FIELD.
	1" MAINLINE: SCH. 40 PVC.
	PVC LATERAL (TREES) - SCH. 40 PVC MIN. SEE EMITTER SCHEDULE FOR TREE/EMITTER APPLICATION
	PVC LATERAL (SHRUBS, VINES GROUNDCOVERS) - SCH. 40 SEE EMITTER SCHEDULE FOR EMITTER APPLICATION
	HAMMOND 867 BRASS GATE VALVE- SAME SIZE AS MAINLINE.
	IRRITROL DRIP ZONE VALVE KIT (700DK-075-LF)
	FLUSH VALVE ASSEMBLY.
	SCHEDULE SCH 40 PVC SLEEVE. SEE SCHEDULE. INSTALL 1/2" SCHEDULE SCH. 40 PVC SLEEVE FOR CONTROL WIRE WHERE NECESSARY
	CONTROLLER AND STATION. FLOW - GALLONS PER MINUTE (SEE PIPE SIZING SCH.) VALVE SIZE VALVE I.D. - SD=SHRUB DRIP, TD=TREE DRIP
IRRIGATION PLANS ARE DRAWN DIAGRAMMATICALLY FOR CLARITY	
*CONTRACTOR TO FIELD VERIFY CONTROLLER LOCATION AND MAKE CONNECTION *	

PLANT LEGEND

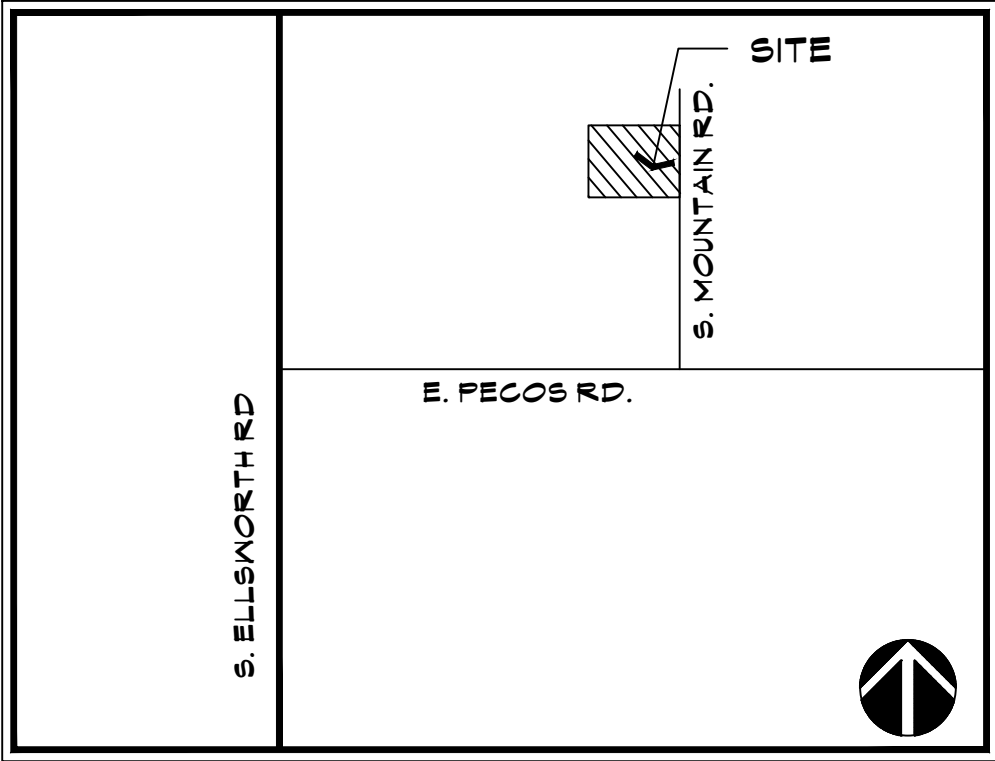
SYMBOL	BOTANICAL NAME - COMMON NAME	QTY.	SIZE	COMMENTS
SHRUBS				
	ENCELIA FARINOSA - BRITTLE BUSH	5	5 GAL.	CAN FULL
	LARREA TRIDENTATA - CREOSOTE	5	5 GAL.	CAN FULL
GROUND COVERS				
	BAILEYA MULTIRADIATA - DESERT MARIGOLD	7	5 GAL.	CAN FULL
EXISTING PLANT MATERIAL				
	SALVAGE TREE (FOR SPECIFICATIONS SEE INVENTORY PLANS)			
	TREE TO REMAIN (FOR SPECIFICATIONS SEE INVENTORY PLANS)			
	DECOMPOSED GRANITE - 3/4" PIONEER GOLD AT 2" DEPTH MIN. GRANITE TO MATCH EXISTING GRANITE ON SITE. CONTRACTOR TO FIELD VERIFY PRIOR TO INSTALL.			

IRRIGATION NOTES (NOT APPROVED)

1. ALL IRRIGATION TO UTILIZE AN AUTOMATIC CLOCK AS SPECIFIED. LOCATE POWER SOURCE IN THE FIELD.
2. USE COMMON TRENCHES WHERE POSSIBLE.
3. USE PEN-TITES AND SEALER FOR ALL LOW VOLTAGE WIRING WITH ELECTRICAL VALVES.
4. ALL MAINLINE TO BE BURIED A MINIMUM OF 18" BELOW FINISH GRADE. ALL LATERALS TO BE BURIED A MINIMUM OF 12" BELOW FINISH GRADE.
5. INSTALL ELECTRIC VALVES IN PLASTIC VALVE BOXES FLUSH WITH GRADE. VALVE BOX LOCATION TO BE APPROVED BY LANDSCAPE ARCHITECT.
6. VACUUM BREAKER TO BE ASSEMBLED WITH ALL HARD COPPER PIPE AND FITTINGS. A UNION SHALL BE INSTALLED ON BOTH INLET AND OUTLET SIDES OF PIPE ABOVE GRADE.
7. MAINTAIN IRRIGATION AS-BUILTS AND TURN OVER TO OWNER PRIOR TO INSTALLATION ACCEPTANCE.
8. ALL IRRIGATION EQUIPMENT TO BE LOCATED IN LANDSCAPE AREAS- ALL LINES AND EQUIPMENT ARE SCHEMATIC.
9. IRRIGATION AND ELECTRICAL SLEEVES TO BE SCHEDULE 40 PVC. ALL SLEEVES TO EXTEND AT LEAST 1" BEYOND CONCRETE STRUCTURES. ALLOW 4-6" FROM END OF SLEEVES TO FIRST FITTING ON IRRIGATION LINE. ALL SLEEVES TO BE 24" BELOW GRADE AND/OR AS PER OWNER'S SPECIFICATIONS.
10. LANDSCAPE CONTRACTOR RESPONSIBLE FOR ALL LANDSCAPE SLEEVING. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR. VERIFY ANY EXISTING SLEEVES INSTALLED BY OTHER CONTRACTORS.
11. LOCATE EMITTERS ON UPHILL SIDE OF PLANTS ON SLOPED PLANTING AREA.
12. ALL PEA GRAVEL IN VALVE BOXES TO BE CLEANED FROM TOP OF VALVE SO THAT VALVE IS COMPLETELY VISIBLE. LIP OF VALVE BOX IS ALSO TO BE FREE OF DEBRIS.
13. ALL MATERIAL USED SHALL BE INSTALLED AS PER PLAN AND AS PER MANUFACTURERS SPECIFICATIONS. ALL DEVIATIONS FROM DRAWINGS OR MATERIALS USED SHALL BE APPROVED BY OWNER'S REPRESENTATIVE AND OR LANDSCAPE ARCHITECT.
14. LOCATE PRESSURE REGULATOR AND "Y" STRAINER IN A VALVE BOX AS REQUIRED- REMOTE CONTROL VALVES TO BE LOCATED ON A SEPARATE,

- ADJACENT, VALVE BOX OR A JUMBO VALVE BOX MAY BE USED IN LIEU OF TWO SEPARATE BOXES. ALL BOXES TO BE LOCATED IN PLANTING AREAS AND INSTALLED FLUSH W/ GRADE.
15. ALL DRIP SYSTEMS TO BE FLUSHED THROUGH FLUSH CAPS. FLUSH CAPS TO BE LOCATED IN 10" ROUND ECONOMY BOXES.
16. ALL PLANTS REQUIRING MORE THAN ONE DRIP EMITTER SHALL HAVE EMITTERS DISTRIBUTED EVENLY AROUND THE EDGE OF THE ROOT-BALL.
17. PRIOR TO OWNER'S APPROVAL, AN IRRIGATION "TUNE-UP" MUST BE PERFORMED AS FOLLOWS:
- A. ALL IRRIGATION EQUIPMENT (INCLUDING ALL PIPELINES AND SLEEVES) TO BE DOCUMENTED FROM TWO STATIONARY POINTS.
- B. ALL DRIP SYSTEMS TO BE FLUSHED BEGINNING WITH "Y" STRAINER, AND WORKING AWAY FROM PRESSURE REGULATOR.
- C. IRRIGATION VALVES TO BE LABELED ON A SHEET OF PAPER WITH STATIONS CORRESPONDING TO MARKED LABELS ON TOP OF VALVE BOXES. THIS SHEET TO BE PLACED IN A PLASTIC POUCH AND ATTACHED TO THE INSIDE OF CONTROLLER.
- D. ALL IRRIGATION SPRAY HEADS TO BE FLUSHED OF DEBRIS AND FLOW CONTROLS ADJUSTED TO ACHIEVE 100% COVERAGE. AVOID SPRAY ONTO ALL WALKS, CURBS, WALLS EXISTING STRUCTURES, AND ANY OTHER HARD-SCAPE AREAS.
- E. ALL IRRIGATION HEADS TO BE ADJUSTED TO PROPER HEIGHT.
18. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING MATERIALS AND LABOR TO PROVIDE SPECIFIED ELECTRICAL SERVICE TO ALL CONTROLLER LOCATIONS. ALL ELECTRICAL WORK TO BE PER MANUFACTURER'S SPECIFICATIONS AND PER LOCAL CODE.
19. CONTRACTOR TO CAP OFF ALL IRRIGATION @ PHASING LIMITS AS REQUIRED.
20. CONTROLLER WIRE SHALL BE A DIFFERENT COLOR FOR TREE LINES & SHRUB LINES. AT LEAST ONE EXTRA CONTROL WIRE TO BE RUN TO THE FARTHEST VALVE LOCATION OF THE SYSTEM.
21. IRRIGATION LINES SHALL RUN PARALLEL TO THE HIGH SIDE OF SLOPES.
22. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL SLEEVING NECESSARY TO RUN IRRIGATION LINES & CONTROL WIRE UNDER ANY REQUIRED HARD-SCAPE AREAS, WALLS, ETC.
23. AN 18 GAUGE TRACER WIRE OF A DIFFERENT COLOR THAN THE CONTROL WIRES SHALL BE INSTALLED WITH ANY MAINLINE 2" OR LARGER.

VICINITY MAP



SHEET INDEX:

LANDSCAPE COVER	LO.1
LANDSCAPE PLAN	L.1.1
IRRIGATION PLAN	L2.1
LANDSCAPE & IRRIGATION DETAILS	L3.1
INVENTORY SHEET	INV 1
INVENTORY SHEET	INV 2

ARCHITECT

ASSOCIATED ARCHITECTS  
6 EAST PALO VERDE ST. SUITE 1  
GILBERT, AZ 85296  
CONTACT: JARED MALONE  
PH: 480-964-8451  
EMAIL: JARED@ASSOCIATED-ARCHITECTS.COM

LANDSCAPE ARCHITECT

THE MCGOUGH GROUP  
11110 N. TATUM BLVD. STE. 100  
PHOENIX, AZ 85028  
CONTACT: ALEXANDER TAFT  
PH: 602-997-9098  
EMAIL: ALEXT@MG-AZ.COM

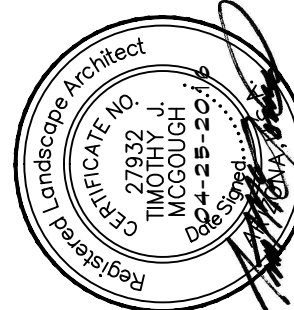


*The* **McGough Group**

*Landscape Architecture  
Urban Design - Site Imaging  
Parks and Recreation*

11110 N Tatum Blvd.  
Suite 100  
Phoenix, Arizona  
85028

602-997-9093  
602-997-9031 fax  
E-Mail: [Timm@mg-az.com](mailto:Timm@mg-az.com)



Expires: 6-30-2016

LANDSCAPE COVER  
FUJI FILM ELECTRONIC MATERIALS  
6550 S. MOUNTAIN RD  
MESA, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

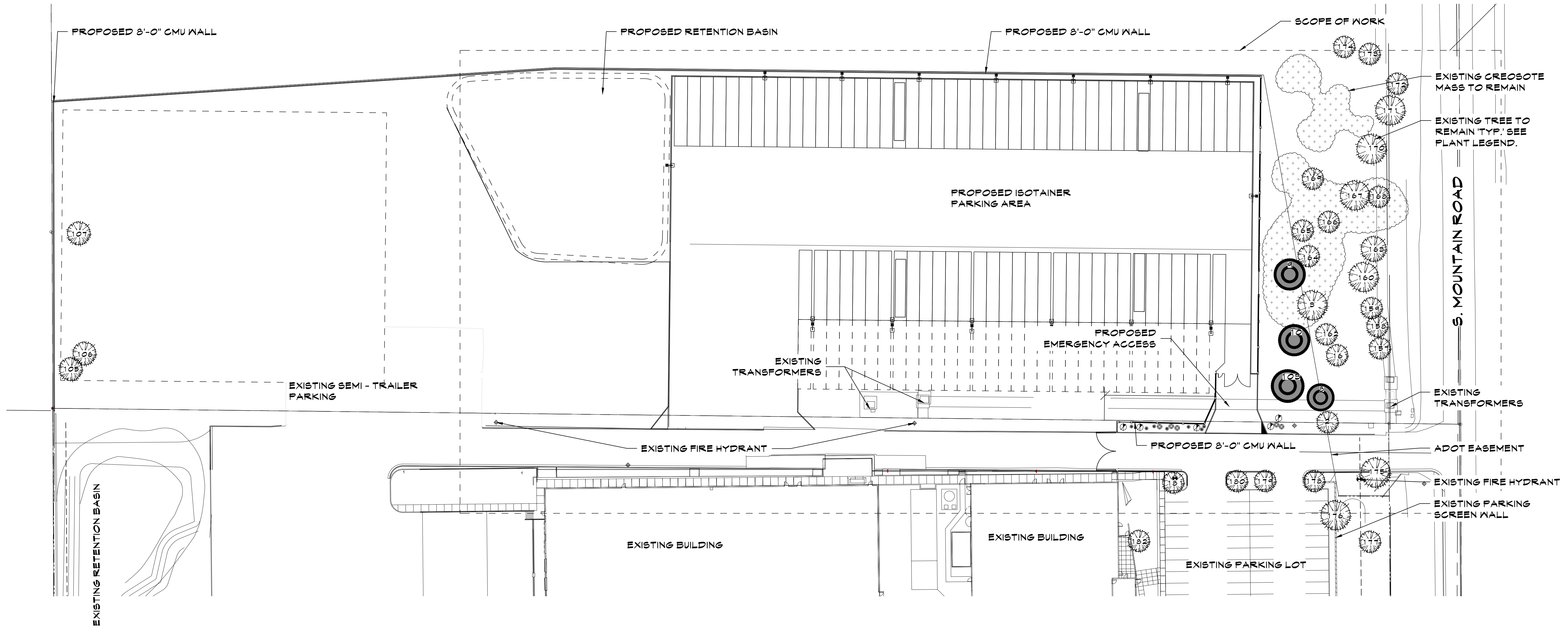
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO. 16-20  
DATE: 04-25-16  
DRAWN BY: AT  
CHECKED BY: TM

REVISIONS:

SHEET NO. L O.1

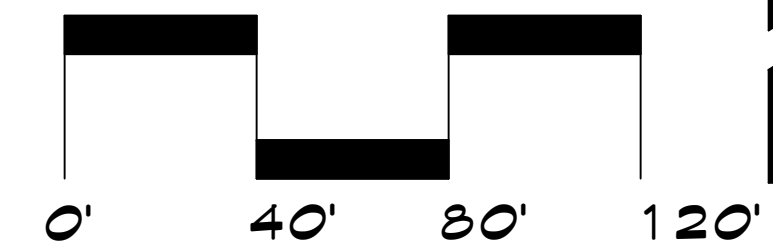




#### PLANT LEGEND

SYMBOL	BOTANICAL NAME - COMMON NAME
<b>SHRUBS</b>	
	ENCELIA FARINOSA - BRITTLE BUSH
	LARREA TRIDENTATA - CREOSOTE
<b>GROUND COVERS</b>	
	BAILEYA MULTIRADIATA - DESERT MARIGOLD
<b>EXISTING PLANT MATERIAL</b>	
	SALVAGE TREE (FOR SPECIFICATIONS SEE INVENTORY PLANS)
	TREE TO REMAIN (FOR SPECIFICATIONS SEE INVENTORY PLANS)
	DECOMPOSED GRANITE - 3/4" PIONEER GOLD AT 2" DEPTH MIN. GRANITE TO MATCH EXISTING GRANITE ON SITE. CONTRACTOR TO FIELD VERIFY PRIOR TO INSTALL.

SCALE: 1"=40'-0"

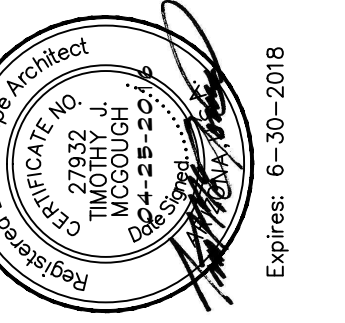


**McGough Group**

Landscape Architecture  
Urban Design - Site Imaging  
Parks and Recreation

11110 N Tatum Blvd.  
Suite 100  
Phoenix, Arizona  
85028

602-997-9093  
602-997-9031 fax  
E-Mail: [Timm@mg-az.com](mailto:Timm@mg-az.com)



LANDSCAPE PLAN  
**FUJI FILM ELECTRONIC MATERIALS**

6550 S. MOUNTAIN RD  
MESA, ARIZONA

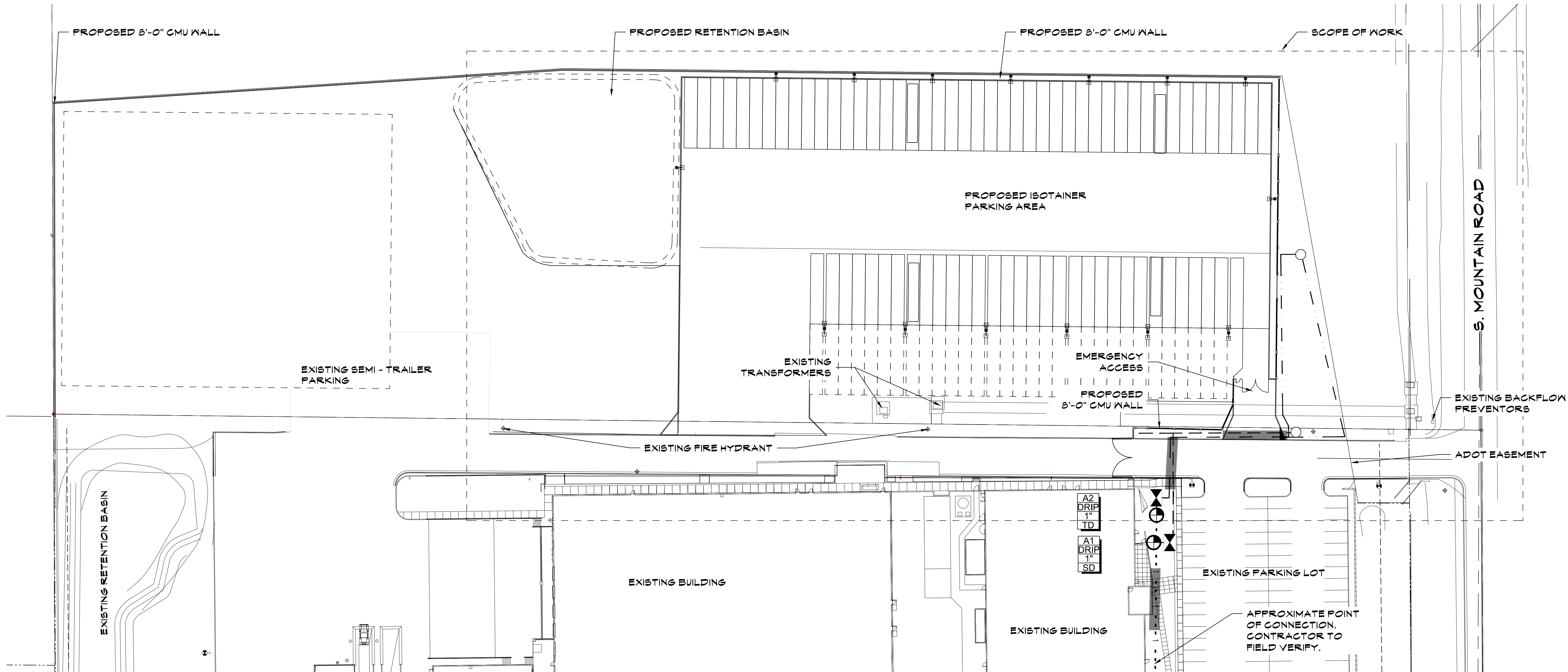
These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO. 16-20  
DATE: 04-25-16  
DRAWN BY: AT  
CHECKED BY: TM

REVISIONS:

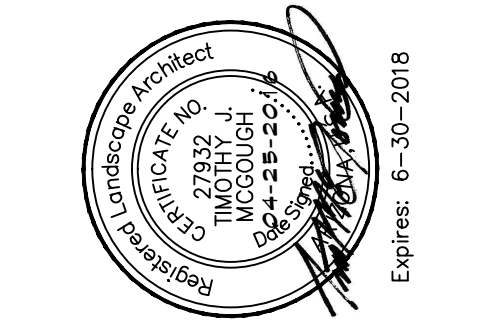
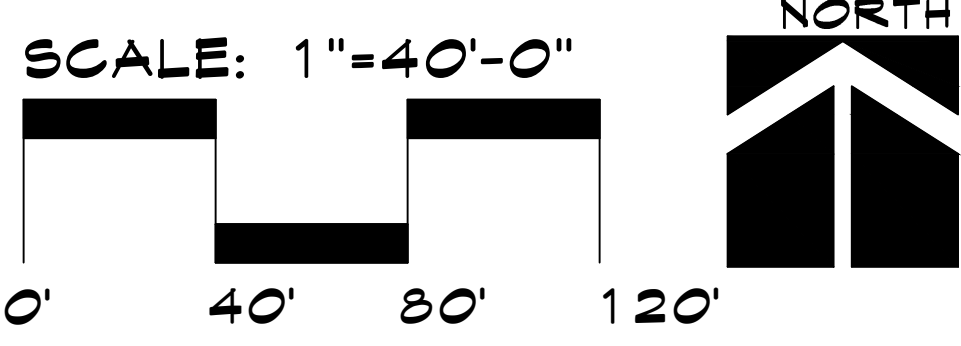
SHEET NO.  
L 1.1



IRRIGATION SCHEDULE	
SYMBOL	SPECIFICATION
	EXISTING 1 1/2" BACKFLOW PREVENTER. CONTRACTOR TO LOCATE IN FIELD.
	1" MAINLINE: SCH. 40 PVC.
	PVC LATERAL (TREES) - SCH. 40 PVC MIN. SEE EMITTER SCHEDULE FOR TREE/EMITTER APPLICATION
	PVC LATERAL (SHRUBS, VINES, GROUNDCOVERS) - SCH. 40 SEE EMITTER SCHEDULE FOR EMITTER APPLICATION
	HAMMOND 667 BRASS GATE VALVE- SAME SIZE AS MAINLINE.
	IRRITROL DRIP ZONE VALVE KIT (700DK-075-LF)
	FLUSH VALVE ASSEMBLY.
	SCHEDULE SCH 40 PVC SLEEVE. SEE SCHEDULE. INSTALL 1 1/2" SCHEDULE SCH. 40 PVC SLEEVE FOR CONTROL WIRE WHERE NECESSARY
	CONTROLLER AND STATION. FLOW - GALLONS PER MINUTE (SEE PIPE SIZING SCH.) VALVE SIZE VALVE I.D. - SD=SHRUB DRIP, TD=TREE DRIP

IRRIGATION PLANS ARE DRAWN DIAGRAMMATICALLY FOR CLARITY  
 \*CONTRACTOR TO FIELD VERIFY CONTROLLER LOCATION AND MAKE CONNECTION \*

- NOTES:**
1. CONTRACTOR TO FIELD VERIFY WIRE RUNS FOR CONNECTION OF PROPOSED LANDSCAPE TO EXISTING CONTROLLER



IRRIGATION PLAN  
**FUJI FILM ELECTRONIC MATERIALS**  
 6550 S. MOUNTAIN RD  
 MESA, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

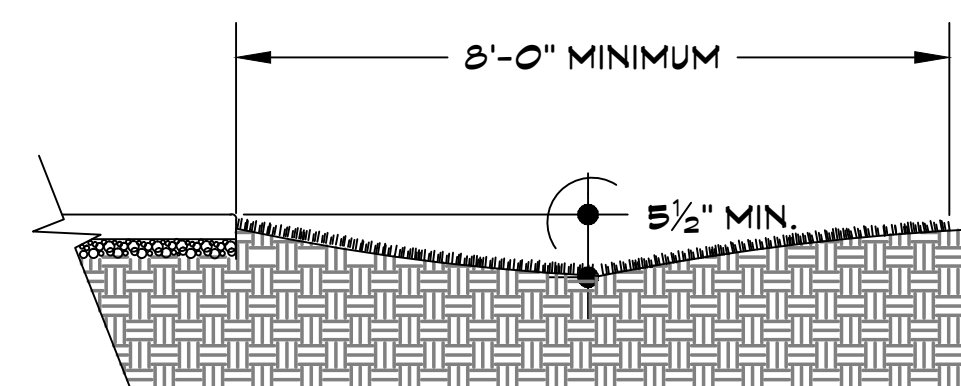
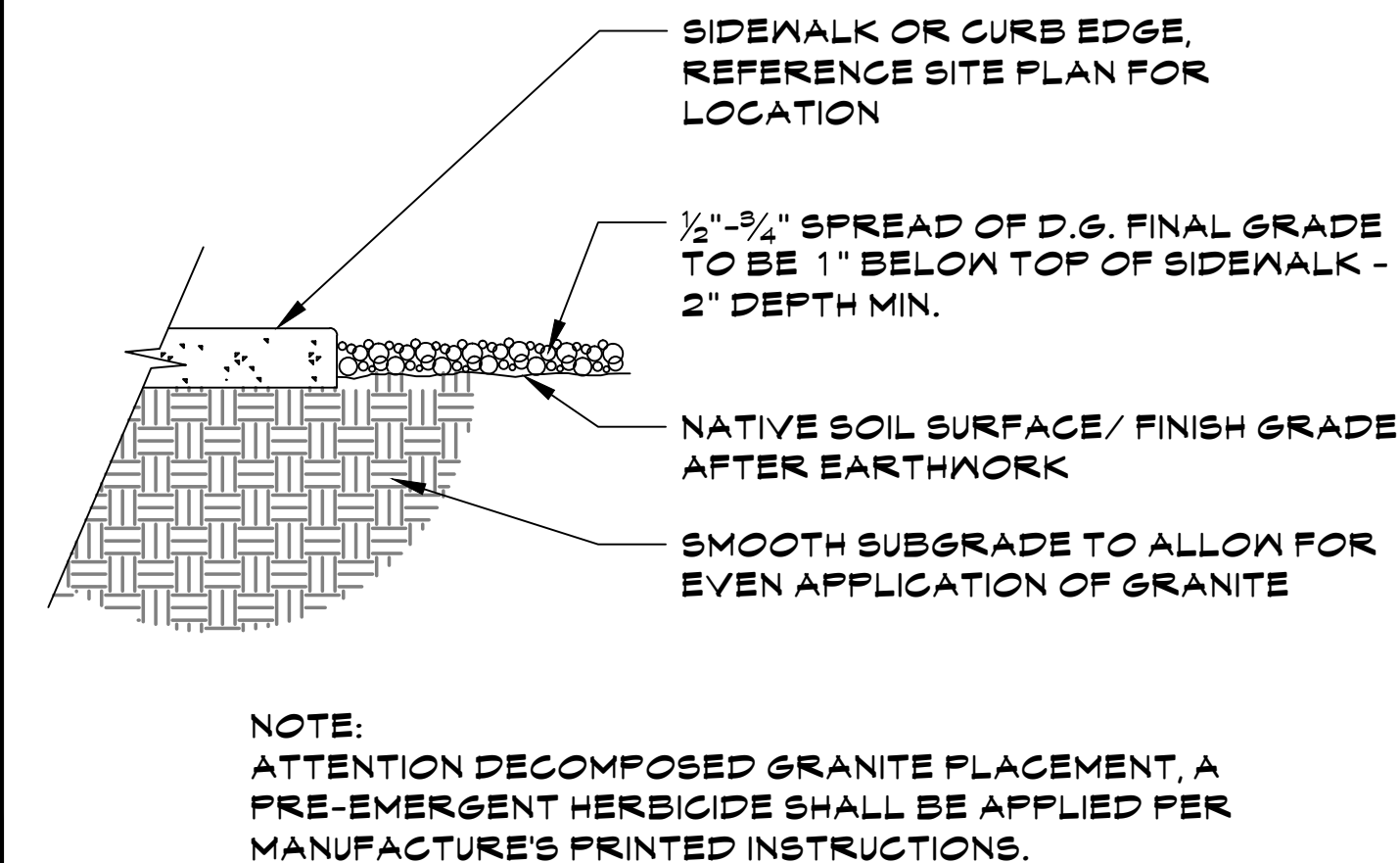
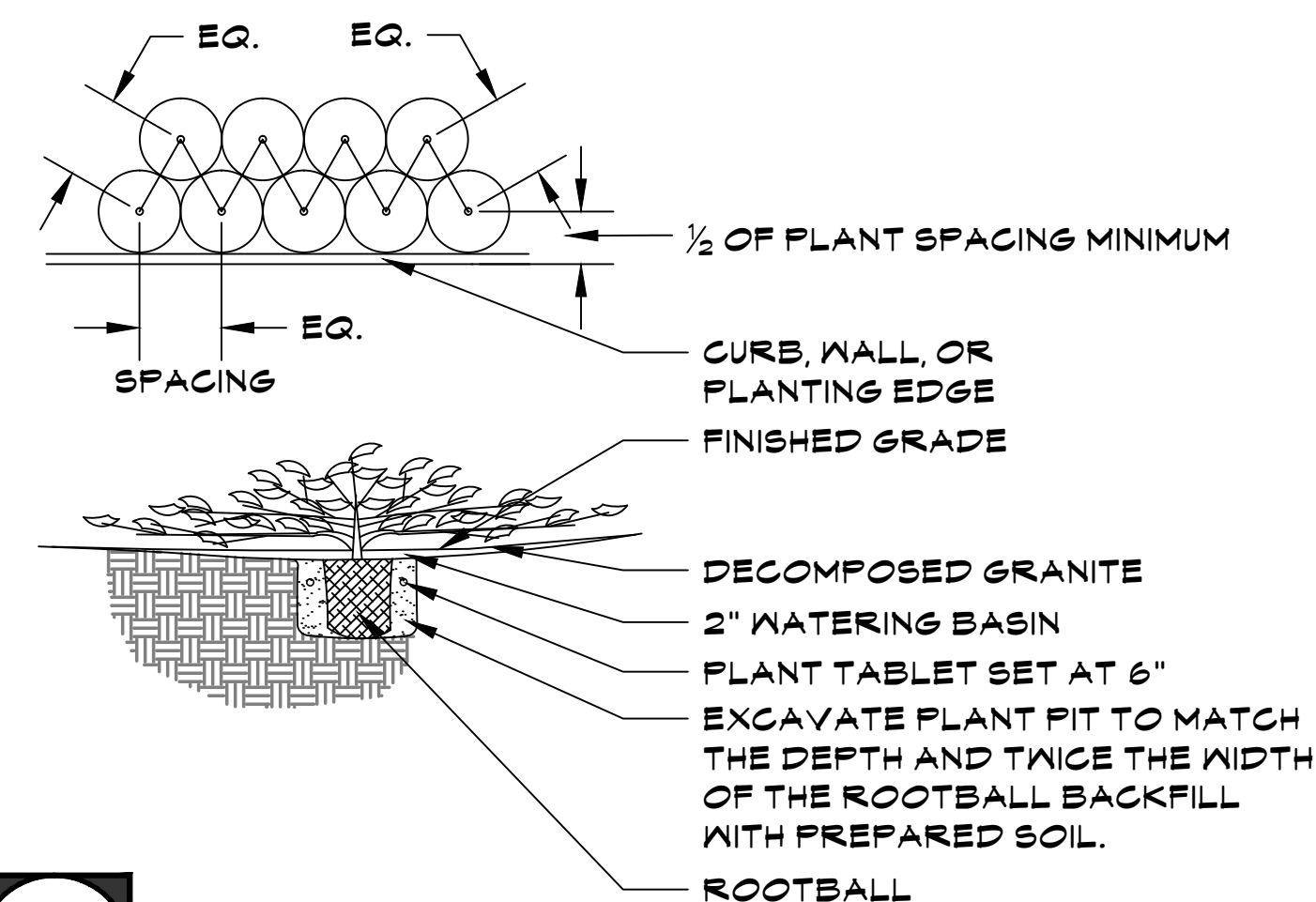
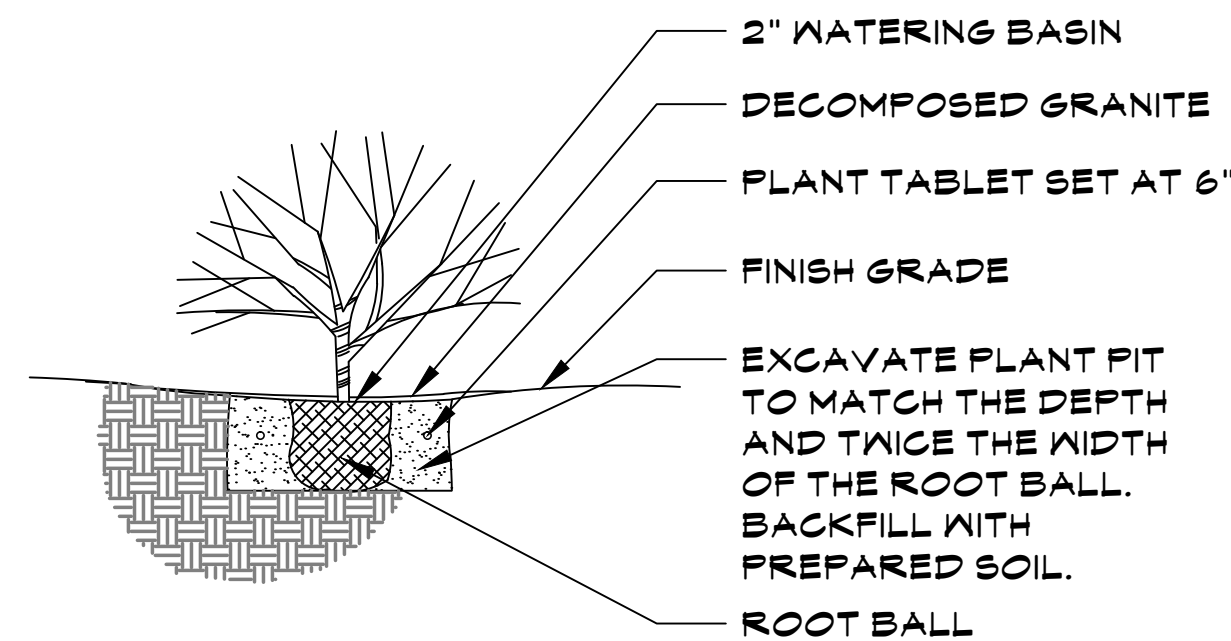
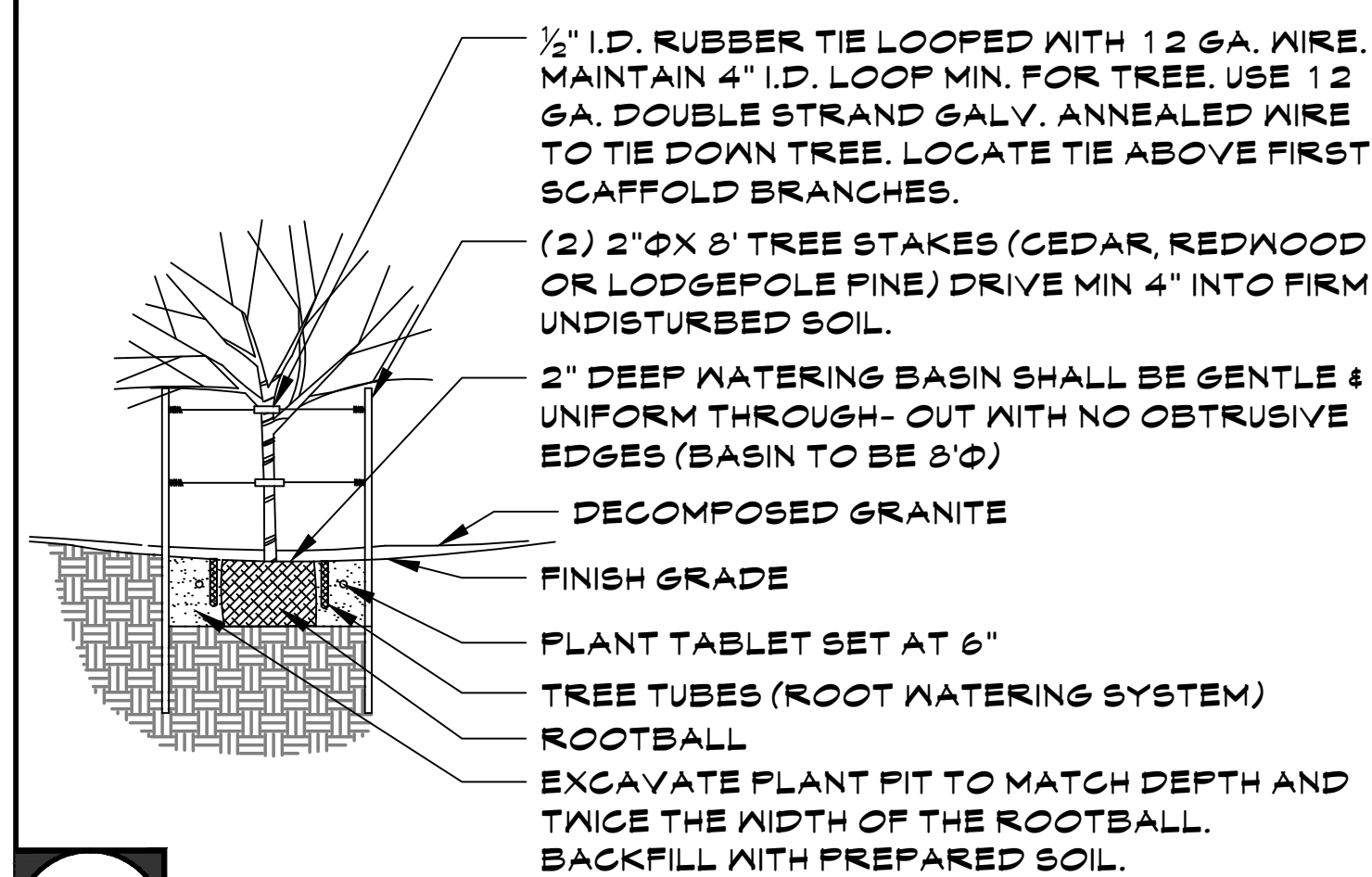
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO. 16-20  
 DATE: 04-25-16  
 DRAWN BY: AT  
 CHECKED BY: TM

REVISIONS:

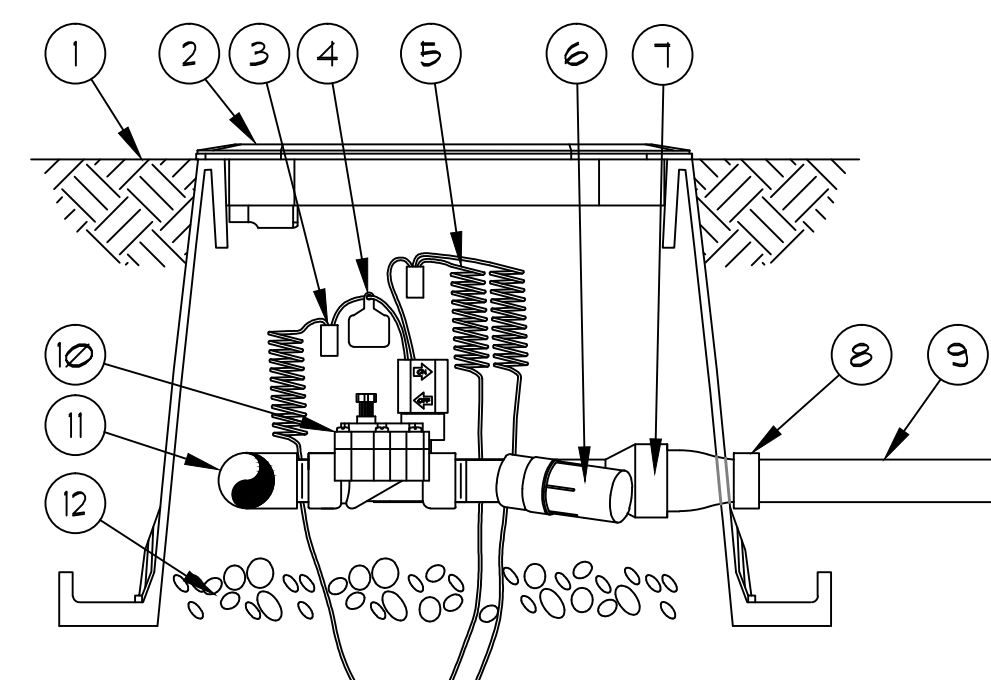

SHEET NO.  
 L 2.1



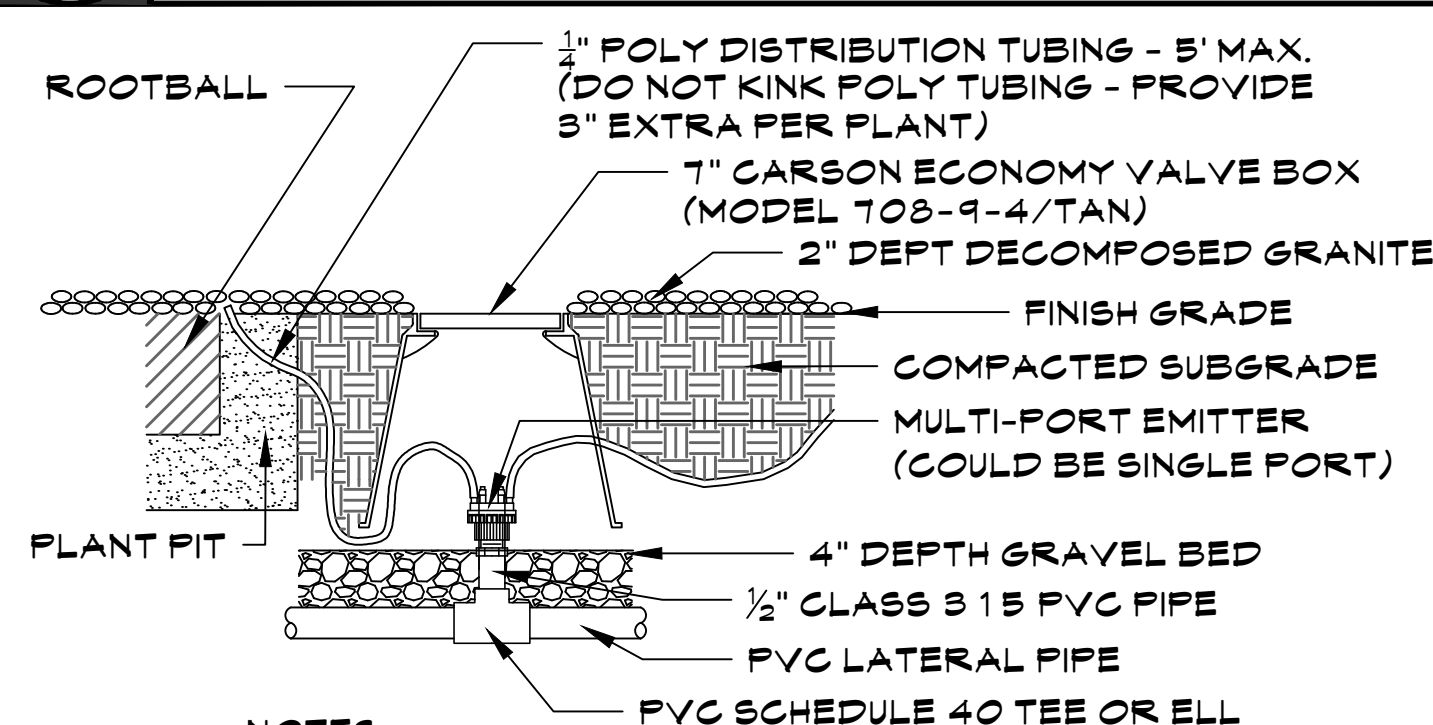


### PLANT TABLET SCHEDULE FOR TREES AND SHRUBS

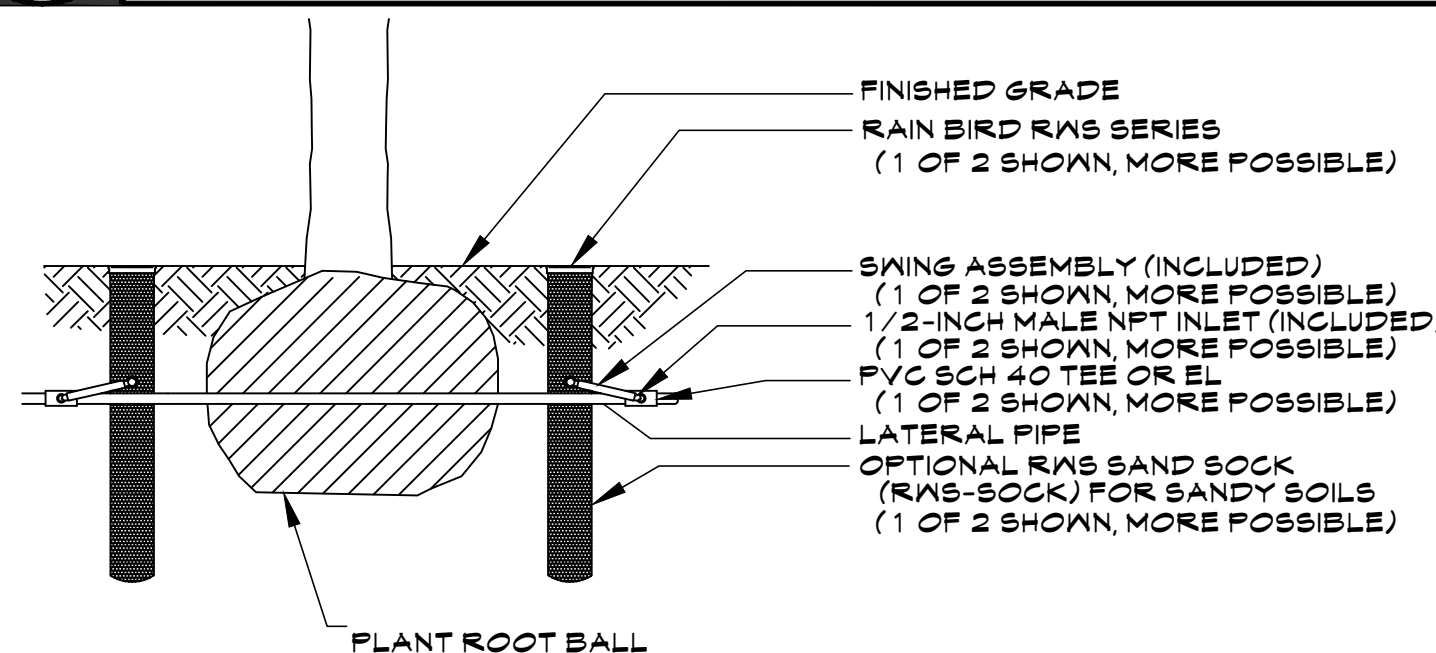
5 GALLON	2 TABLETS
15 GALLON	3 TABLETS
24" BOX	5 TABLETS
36" BOX	6 TABLETS
42" BOX	8 TABLETS



- ① FINISH GRADE
  - ② STANDARD VALVE BOX WITH COVER:
  - ③ WATERPROOF CONNECTION:
  - ④ VALVE ID TAG
  - ⑤ 30-INCH MINIMUM LENGTH OF WIRE, COILED
  - ⑥ FILTER SYSTEM
  - ⑦ PRESSURE REGULATOR
  - ⑧ PVC SCH 40 FEMALE ADAPTOR
  - ⑨ LATERAL PIPE
  - ⑩ REMOTE CONTROL VALVE:
  - ⑪ PVC SCH 40 TEE OR ELL TO MANIFOLD
- 3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL



- NOTES:
1. EMISSION POINTS SHALL BE LOCATED UPHILL OF PLANT SUPPLYING WATER TO ROOTBALL.
  2. AT LEAST ONE EMITTER TUBE TO BE LOCATED WITHIN 4" CENTER OF PLANT.
  3. SEE EMITTER SCHEDULE TO DETERMINE AMOUNT OF EMITTERS PER PLANT.



- NOTES:
1. POSITION 2 UNITS EVENLY SPACED AROUND PALM NEAR ROOT BALL.
  2. INSTALL PRODUCT WITH TOP EVEN WITH GROUND SURFACE.
  3. ~~WAS~~ INSTALLING IN EXTREMELY HARD OR CLAY SOILS, ADD 3/4" GRAVEL UNDER AND AROUND THE UNIT TO ALLOW FASTER WATER INFILTRATION AND ROOT PENETRATION.
  5. ONCE RMS HAS BEEN INSTALLED FILL THE BASKET WITH PEA GRAVEL TO FILL TO TOP OF LOCKING LIP.
- SCALE: NTS

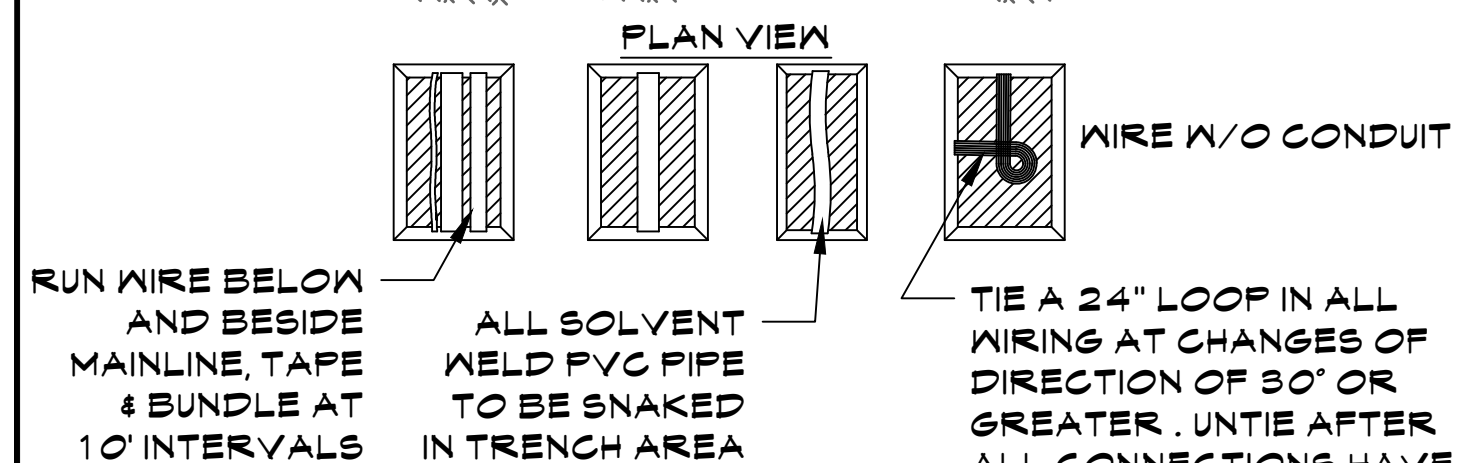
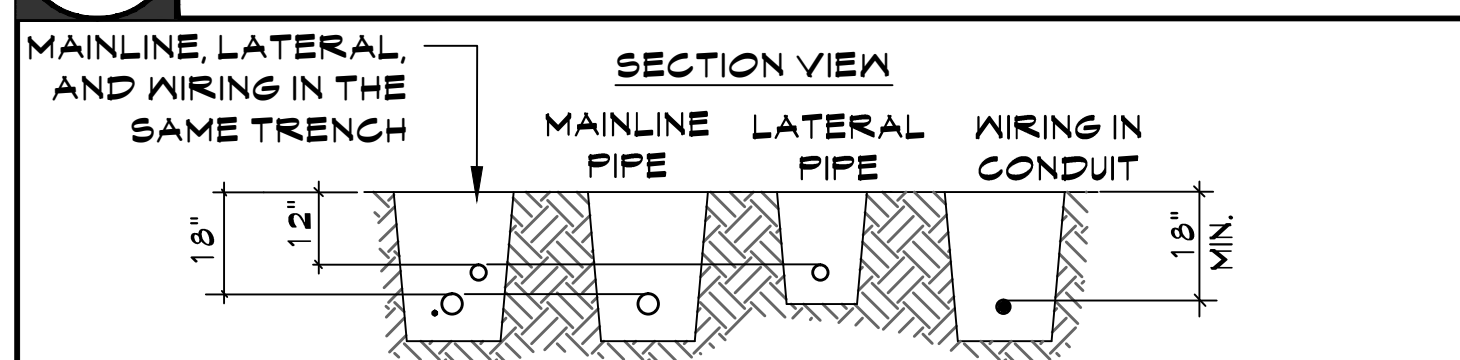
PIPE SIZE	FLOW (GPM)
1/2"	0-5
3/4"	6-10
1"	11-15
1-1/4"	16-25
1-1/2"	26-35
2"	36-60
2-1/2"	61-80
3"	81-120
4"	121-200

ALL VALVE BOXES TO BE CARSON, AMETEK, OR  
EQUAL. ALL  $\frac{1}{2}$ " LATERAL PIPE TO BE CLASS 315. ALL  
LATERAL PIPE ABOVE  $\frac{1}{2}$ " TO BE MIN. CLASS 200. ALL  
MAINLINE PIPE 4" AND LARGER TO BE A MINIMUM  
CLASS 200 RINGTITE PIPE. MAINLINE PIPE LESS THAN  
4" TO BE MINIMUM SCH. 40 FVC.

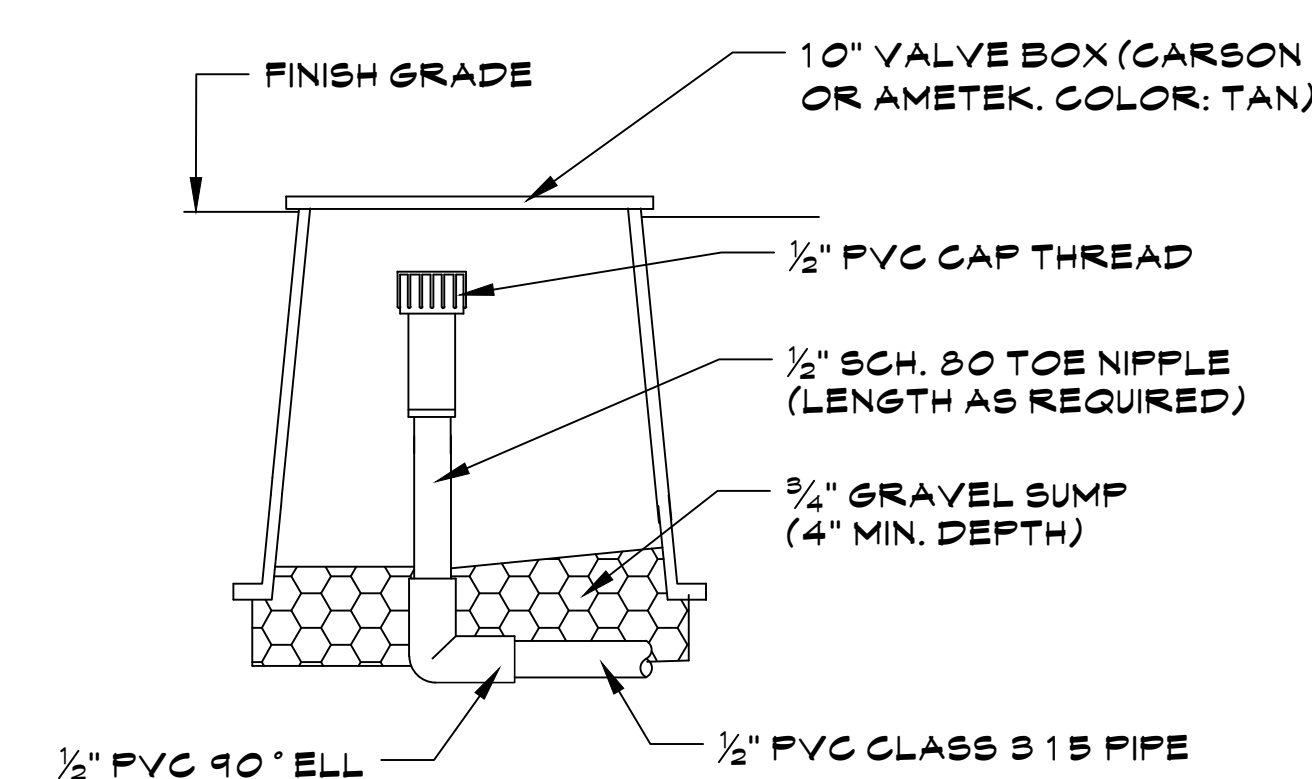
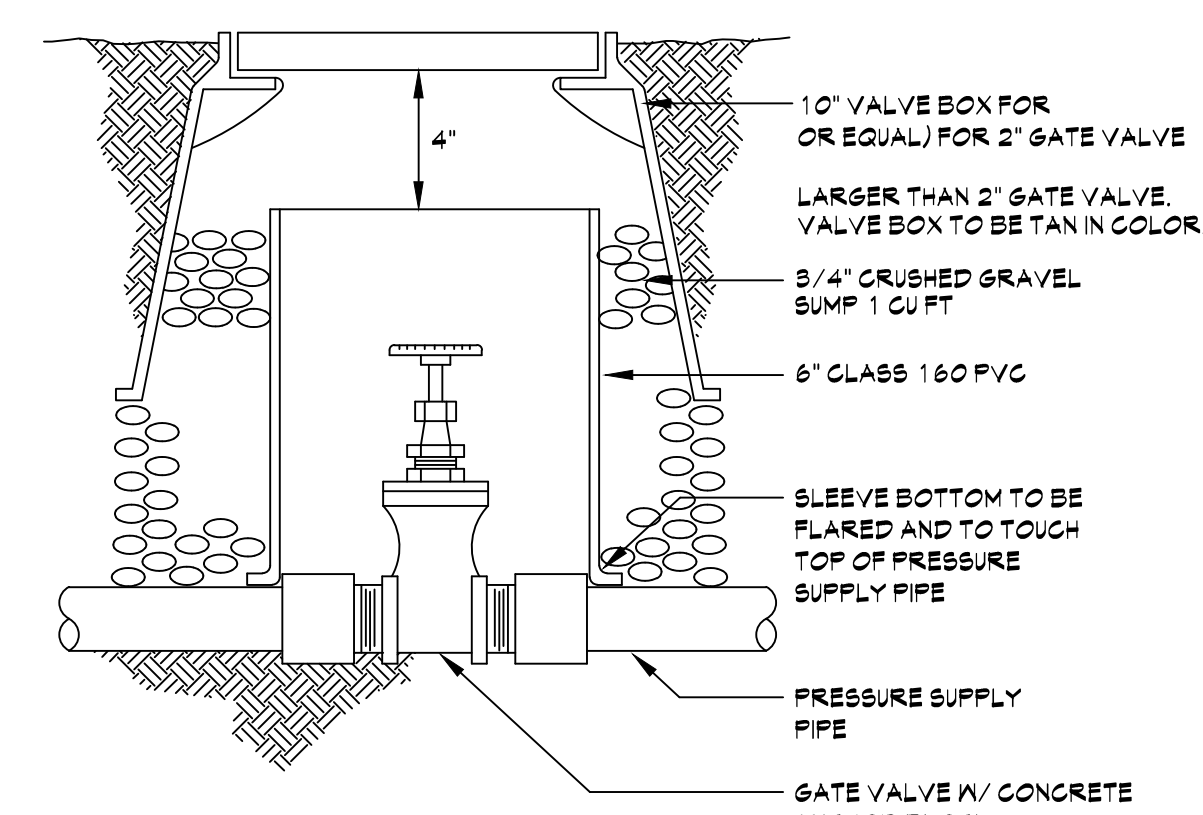
### SLEEPING SCHEDULE

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 BELOW:

PIPE SIZE	MIN. SLEEVE SIZE
1/2"	2"
3/4"	2-1/2"
1", 1-1/4", 1-1/2"	3"
2", 2-1/2"	4"
3" & 4"	6"

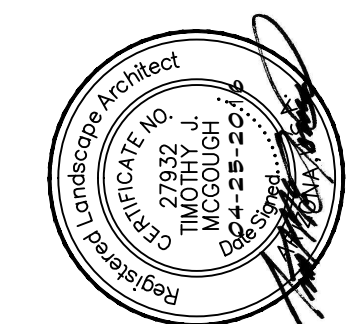


- NOTES:**
1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH CLASS 200 PVC, TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN

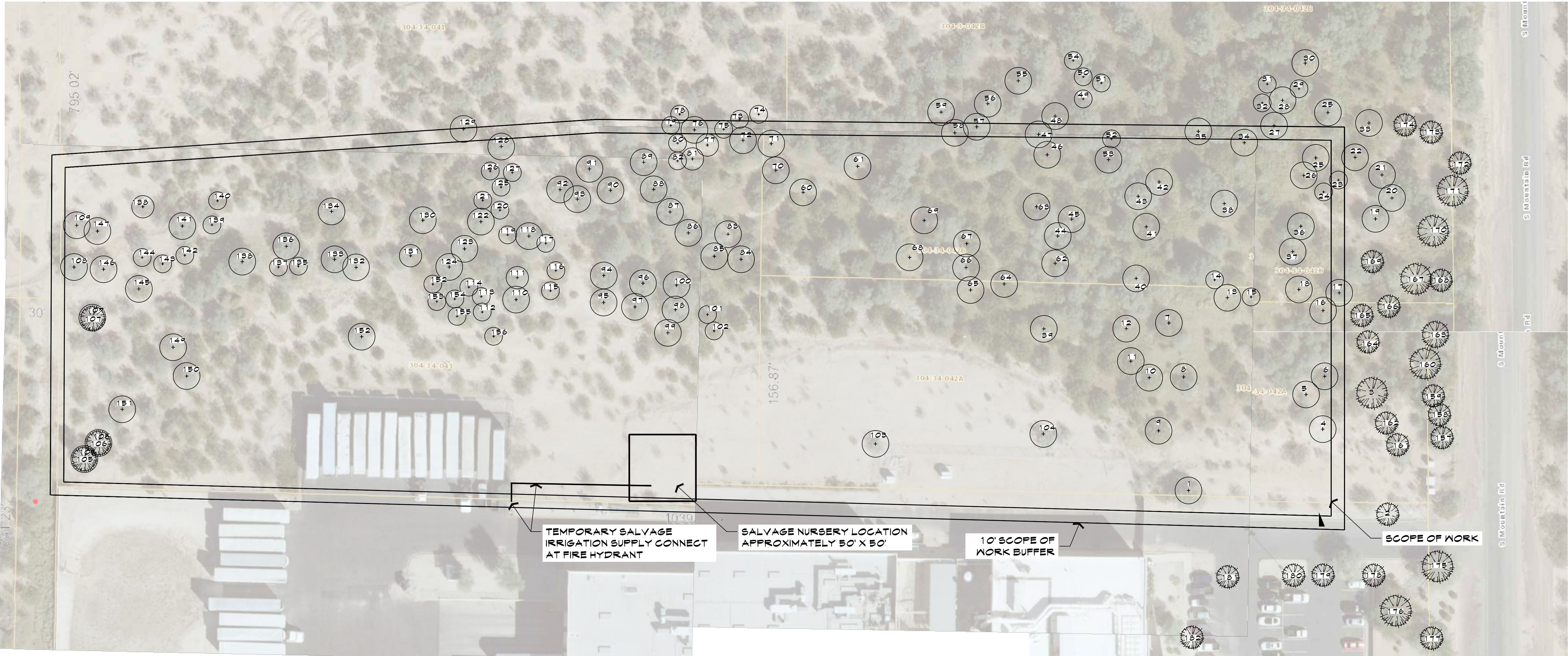


<u>PLANT CLASSIFICATION</u>	<u>EMITTER</u>	<u>COMMENTS</u>
TREES	RAINBIRD XBT-20-06	(1) EMITTER PER TREE, (6) PORTS
SHRUBS	RAINBIRD XBT-10-06	(1) PORT PER SHRUB

- ALL MULTI-PORT EMITTERS TO BE INSTALLED IN 6" ECONOMY BOXES.
- MAXIMUM ¼" POLY TUBE RUN TO BE 5' IN LENGTH.







Native Plant Inventory					Inventory Destination			Intended Designation	
Project Name:		Fuji Film - Mesa			S = Salvageable			R or P = Remain/Protect in Place	
Address:		6550 S. Mountain Rd.			NS = Non-Salvageable			S = Salvage	
Prepared for:								D = Destroy	
Tag #	Species	Common Name	Height (ft)	Width (ft)	Caliper (in)	Inv. Dest.	Int. Dest.	Comments	
1	Prosopis spp.	Mesquite	15	13	10	NS	D	Poor form	
2	Prosopis spp.	Mesquite	10	10	6	NS	R	low break	
3	Prosopis spp.	Mesquite	11	9	9	NS	R	low break	
4	Prosopis spp.	Mesquite	10	7	6	NS	D	Poor form	
5	Prosopis spp.	Mesquite	10	8	9	NS	D	low break	
6	Prosopis spp.	Mesquite	12	15	27	NS	D	poor form, lateral roots	
7	Prosopis spp.	Mesquite	18	16	22	NS	D	low break, poor form	
8	Prosopis spp.	Mesquite	12	10	6	S	S		
9	Parkinsonia microphyllum	Palo Verde	8	6	5	S	S		
10	Prosopis spp.	Mesquite	9	6	4	S	S		
11	Prosopis spp.	Mesquite	16	18	20	NS	D	poor form, lateral roots	
12	Prosopis spp.	Mesquite	18	8	7	NS	D	low break, poor form	
13	Prosopis spp.	Mesquite	20	14	14	NS	D	lateral roots, low break, proximity to tree	
14	Prosopis spp.	Mesquite	20	11	13	NS	D	low break, poor form	
15	Prosopis spp.	Mesquite	18	12	15	NS	D	poor form, proximity to tree	
16	Prosopis spp.	Mesquite	15	10	7	NS	D	low break, poor form	
17	Prosopis spp.	Mesquite	12	9	12	NS	D	low break, poor form	
18	Prosopis spp.	Mesquite	12	8	8	NS	D	low break, poor form	
19	Prosopis spp.	Mesquite	14	6	8	NS	D	low break, poor form	
20	Prosopis spp.	Mesquite	18	16	15	NS	D	low break	
21	Prosopis spp.	Mesquite	16	14	13	NS	D	low break, poor form	
22	Prosopis spp.	Mesquite	20	17	18	NS	D	insect damage	
23	Prosopis spp.	Mesquite	12	14	15	NS	D	low break, poor form	
24	Prosopis spp.	Mesquite	18	16	16	NS	D	low break, poor form	
25	Prosopis spp.	Mesquite	20	15	14	NS	D	poor health, poor form	
26	Prosopis spp.	Mesquite	18	14	14	NS	D	low break, poor form	
27	Prosopis spp.	Mesquite	12	6	8	NS	D	low break, poor form	
28	Prosopis spp.	Mesquite	19	13	21	NS	D	low break, poor form	
29	Prosopis spp.	Mesquite	17	14	11	NS	D	low break, poor form	
30	Prosopis spp.	Mesquite	12	10	9	NS	D	low break, poor form	
31	Prosopis spp.	Mesquite	18	8	14	NS	D	low break, poor form	
32	Prosopis spp.	Mesquite	16	18	15	NS	D	low break, poor form	
33	Prosopis spp.	Mesquite	20	15	16	NS	D	low break, poor form	
34	Prosopis spp.	Mesquite	20	18	22	NS	D	low break, poor form	
35	Prosopis spp.	Mesquite	16	15	12	NS	D	low break, poor form	
36	Prosopis spp.	Mesquite	14	10	6	NS	D	low break, poor form	
37	Prosopis spp.	Mesquite	12	7	6	S	S		
38	Prosopis spp.	Mesquite	13	8	10	NS	D	low break, poor form	
39	Parkinsonia florida	Blue Palo Verde	6	6	4	NS	D	poor form, poor health	
40	Prosopis spp.	Mesquite	20	21	16	NS	D	lateral roots, poor form	

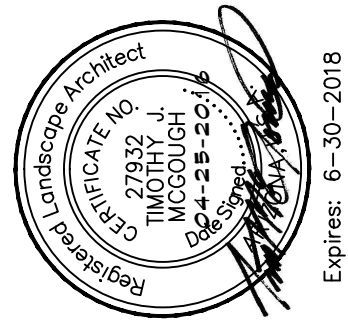
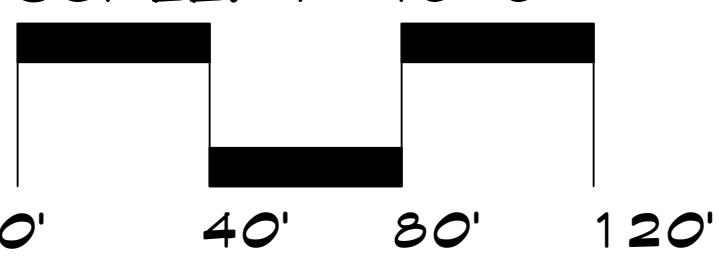
41	Prosopis spp.	Mesquite	20	22	18	NS	D	lateral roots, poor form	
42	Prosopis spp.	Mesquite	14	16	11	NS	D	leaning, poor form	
43	Prosopis spp.	Mesquite	12	20	16	NS	D	low break, poor form	
44	Prosopis spp.	Mesquite	12	7	7	NS	D	low break, poor form	
45	Prosopis spp.	Mesquite	12	14	11	NS	D	low break, poor form	
46	Prosopis spp.	Mesquite	13	12	8	NS	D	low break, poor form	
47	Prosopis spp.	Mesquite	14	15	10	NS	D	low break, poor form	
48	Prosopis spp.	Mesquite	13	11	11	NS	D	low break, poor form	
49	Prosopis spp.	Mesquite	14	10	9	NS	D	poor form, poor health	
50	Prosopis spp.	Mesquite	10	8	8	NS	D	poor form, insect damage	
51	Prosopis spp.	Mesquite	16	14	10	NS	D	low break, lateral roots	
52	Prosopis spp.	Mesquite	14	16	12	NS	D	low break, poor health	
53	Prosopis spp.	Mesquite	14	10	13	NS	D	low break, poor form	
54	Prosopis spp.	Mesquite	16	12	11	NS	R		
55	Prosopis spp.	Mesquite	10	13	10	NS	D	low break, poor form	
56	Prosopis spp.	Mesquite	18	22	14	NS	D	low break, poor health	
57	Prosopis spp.	Mesquite	18	12	10	NS	D	low break, poor form	
58	Prosopis spp.	Mesquite	18	14	12	NS	D	low break, leaning	
59	Prosopis spp.	Mesquite	16	13	16	NS	D	low break, poor form	
60	Prosopis spp.	Mesquite	15	14	18	NS	D	insect damage	
61	Prosopis spp.	Mesquite	16	12	9	NS	D	poor health, poor form	
62	Prosopis spp.	Mesquite	18	22	16	NS	D	poor form, insect damage	
63	Prosopis spp.	Mesquite	16	20	18	NS	D	poor form, insect damage	
64	Prosopis spp.	Mesquite	13	10	6	NS	D	poor form, insect damage	
65	Prosopis spp.	Mesquite	14	6	6	NS	D	poor form, insect damage	
66	Prosopis spp.	Mesquite	16	10	8	NS	D	leaning	
67	Prosopis spp.	Mesquite	16	18	12	NS	D	poor form, insect damage	
68	Prosopis spp.	Mesquite	12	14	14	NS	D	low break, insect damage	
69	Prosopis spp.	Mesquite	18	16	16	NS	D	poor form, insect damage	
70	Prosopis spp.	Mesquite	16	15	12	NS	D	poor form, insect damage	
71	Prosopis spp.	Mesquite	14	14	10	NS	D	insect damage	
72	Prosopis spp.	Mesquite	14	10	8	NS	D	insect damage	
73	Prosopis spp.	Mesquite	13	10	10	NS	D	insect damage	
74	Prosopis spp.	Mesquite	14	18	18	NS	D	low break, insect damage	
75	Prosopis spp.	Mesquite	11	10	12	NS	D	low break, insect damage	
76	Prosopis spp.	Mesquite	18	20	16	NS	D	low break, poor form	
77	Prosopis spp.	Mesquite	12	10	9	NS	D	low break, poor form	
78	Prosopis spp.	Mesquite	18	14	20	NS	D	low break, insect damage	
79	Prosopis spp.	Mesquite	14	10	14	NS	D	low break, insect damage	
80	Prosopis spp.	Mesquite	14	6	10	NS	D	low break, poor form	

#### NOTES:

1. TREES ON INVENTORY UNAFFECTED BY CONSTRUCTION OPERATIONS MAY REMAIN PROTECTED IN PLACE, SEE INVENTORY MATRIX FOR DESIGNATION OF PLANT MATERIAL

EXISTING PLANT MATERIAL	
	EXISTING TREE (FOR SPECIFICATIONS SEE MATRIX)
	TREE TO REMAIN (FOR SPECIFICATIONS SEE MATRIX)

SCALE: 1"=40'-0"



## INVENTORY SHEET FUJI FILM ELECTRONIC MATERIALS 6550 S. MOUNTAIN RD MESA, ARIZONA

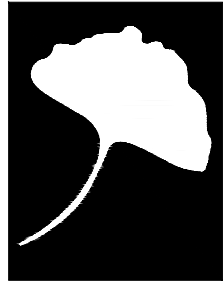
These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.  
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO. 16-20  
DATE: 04-25-16  
DRAWN BY: AT  
CHECKED BY: TM

REVISIONS:

SHEET NO. INV. 1



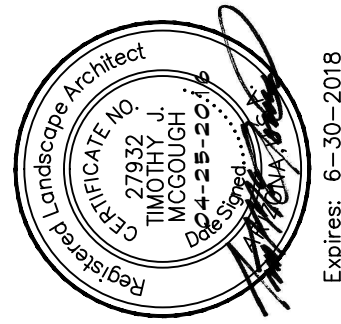


*The* **McGough  
Group**

*Landscape Architecture  
Urban Design • Site Imaging  
Parks and Recreation*

11110 N Tatum Blvd.  
Suite 100  
Phoenix, Arizona  
85028

602-997-9093  
602-997-9031 fax  
*E-Mail: [Timm@mg-az.com](mailto:Timm@mg-az.com)*



INVENTORY SHEET  
**FUJI FILM ELECTRONIC MATERIALS**  
6550 S. MOUNTAIN RD  
MESA, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO. 16-20  
DATE: 04-25-16  
DRAWN BY: AT  
CHECKED BY: TM

REVISIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SHEET NO.  
INV. 2

81	Prosopis spp.	Mesquite	12	8	12	NS	D	low break, poor form
82	Prosopis spp.	Mesquite	16	14	11	NS	D	lateral roots, insect damage
83	Prosopis spp.	Mesquite	14	14	18	NS	D	low break, insect damage
84	Prosopis spp.	Mesquite	18	16	20	NS	D	low break, insect damage
85	Prosopis spp.	Mesquite	18	14	15	NS	D	low break, poor form
86	Prosopis spp.	Mesquite	16	15	10	NS	D	low break, poor form
87	Prosopis spp.	Mesquite	14	16	14	NS	D	poor form, insect damage
88	Prosopis spp.	Mesquite	14	15	20	NS	D	poor form, insect damage
89	Prosopis spp.	Mesquite	14	10	8	NS	D	low break, poor form
90	Prosopis spp.	Mesquite	13	12	13	NS	D	low break, insect damage
91	Prosopis spp.	Mesquite	14	10	10	NS	D	low break, insect damage
92	Prosopis spp.	Mesquite	12	12	14	NS	D	low break, poor form
93	Prosopis spp.	Mesquite	16	14	12	NS	D	low break, poor form
94	Prosopis spp.	Mesquite	16	13	16	NS	D	low break, poor form
95	Prosopis spp.	Mesquite	8	6	8	NS	D	low break, poor form
96	Prosopis spp.	Mesquite	8	10	9	NS	D	leaning, poor form
97	Prosopis spp.	Mesquite	7	6	4	NS	D	poor form, insect damage
98	Prosopis spp.	Mesquite	18	16	18	NS	D	low break, poor form
99	Prosopis spp.	Mesquite	16	14	11	NS	D	poor form, insect damage
100	Prosopis spp.	Mesquite	13	8	10	NS	D	low break, poor form
101	Prosopis spp.	Mesquite	10	8	8	NS	D	low break, poor form
102	Prosopis spp.	Mesquite	18	14	13	NS	D	low break, poor form
103	Parkinsonia flordium	Blue Palo Verde	10	10	7	S	S	
104	Parkinsonia flordium	Blue Palo Verde	10	12	8	S	S	
105	Prosopis spp.	Mesquite	17	14	12	S	R	
106	Prosopis spp.	Mesquite	12	13	13	NS	R	low break, poor form
107	Prosopis spp.	Mesquite	10	14	12	NS	R	low break, poor form
108	Prosopis spp.	Mesquite	16	20	22	NS	D	low break, poor form
109	Prosopis spp.	Mesquite	8	10	19	NS	D	low break, poor form
110	Prosopis spp.	Mesquite	14	11	9	NS	D	low break, poor form
111	Prosopis spp.	Mesquite	14	12	13	NS	D	low break, poor form
112	Prosopis spp.	Mesquite	10	12	11	NS	D	low break, poor form
113	Prosopis spp.	Mesquite	8	8	7	NS	D	low break, poor form
114	Prosopis spp.	Mesquite	12	11	12	NS	D	low break, poor form
115	Prosopis spp.	Mesquite	12	11	12	NS	D	low break, poor form
116	Prosopis spp.	Mesquite	10	12	11	NS	D	low break, poor form
117	Prosopis spp.	Mesquite	10	8	12	NS	D	low break, poor form
118	Prosopis spp.	Mesquite	14	10	14	NS	D	low break, poor form
119	Prosopis spp.	Mesquite	7	8	5	NS	D	low break, poor form
120	Prosopis spp.	Mesquite	14	11	12	NS	D	low break, poor health
121	Prosopis spp.	Mesquite	12	6	10	NS	D	low break, poor health
122	Prosopis spp.	Mesquite	14	14	9	NS	D	low break, poor health
123	Prosopis spp.	Mesquite	15	12	10	NS	D	low break
124	Prosopis spp.	Mesquite	17	15	18	NS	D	low break, poor form
125	Prosopis spp.	Mesquite	10	12	9	NS	D	low break, poor form
126	Prosopis spp.	Mesquite	14	16	12	NS	D	low break, poor form
127	Prosopis spp.	Mesquite	11	13	8	NS	D	low break, poor form
128	Prosopis spp.	Mesquite	10	8	10	NS	D	low break, poor form
129	Prosopis spp.	Mesquite	15	17	15	NS	D	low break, poor form
130	Prosopis spp.	Mesquite	16	20	24	NS	D	low break, poor form
131	Prosopis spp.	Mesquite	10	8	6	NS	D	low break, poor form
132	Prosopis spp.	Mesquite	16	14	14	NS	D	low break, poor form
133	Prosopis spp.	Mesquite	16	18	20	NS	D	low break, poor form
134	Prosopis spp.	Mesquite	14	14	12	NS	D	low break, poor form
135	Prosopis spp.	Mesquite	20	15	14	NS	D	low break, poor form
136	Prosopis spp.	Mesquite	20	16	16	NS	D	low break, poor health
137	Prosopis spp.	Mesquite	20	20	18	NS	D	low break, lateral roots
138	Prosopis spp.	Mesquite	22	20	16	NS	D	low break, lateral roots
139	Prosopis spp.	Mesquite	10	12	12	NS	D	low break, insect damage
140	Prosopis spp.	Mesquite	9	9	8	NS	D	poor health
141	Prosopis spp.	Mesquite	18	16	16	NS	D	low break, poor form
142	Prosopis spp.	Mesquite	12	8	8	NS	D	low break, poor form
143	Prosopis spp.	Mesquite	12	8	11	NS	D	on slope
144	Prosopis spp.	Mesquite	12	7	7	NS	D	low break, poor form
145	Prosopis spp.	Mesquite	10	10	10	NS	D	poor health, leaning
146	Prosopis spp.	Mesquite	8	11	8	NS	D	low break, poor form
147	Prosopis spp.	Mesquite	8	12	16	NS	D	poor form, leaning
148	Prosopis spp.	Mesquite	8	6	10	NS	D	poor health, poor form
149	Prosopis spp.	Mesquite	12	10	14	NS	D	low break, poor form
150	Prosopis spp.	Mesquite	10	10	6	NS	D	low break, poor form
151	Prosopis spp.	Mesquite	10	8	8	NS	D	low break, poor form
152	Prosopis spp.	Mesquite	12	14	10	NS	D	low break, poor form
153	Prosopis spp.	Mesquite	16	12	10	NS	D	low break, poor form
154	Prosopis spp.	Mesquite	15	13	12	NS	D	low break, poor form
155	Prosopis spp.	Mesquite	15	13	10	NS	D	low break, poor health
156	Prosopis spp.	Mesquite	13	10	12	NS	D	low break, poor form
157	Prosopis spp.	Mesquite	15	12	6	NS	R	low break, poor form
158	Prosopis spp.	Mesquite	14	12	6	NS	R	low break, poor form
159	Prosopis spp.	Mesquite	15	9	6	NS	R	low break, poor form
160	Prosopis spp.	Mesquite	16	9	6	NS	R	low break, poor form
161	Prosopis spp.	Mesquite	8	8	4	NS	R	low break, poor form
162	Parkinsonia microphyllum	foothills palo verde	10	8	4	NS	R	low break, poor form
163	Prosopis spp.	Mesquite	18	12	8	NS	R	low break, poor form
164	Prosopis spp.	Mesquite	14	9	5	NS	R	low break, poor form
165	Prosopis spp.	Mesquite	20	18	14	NS	R	poor health
166	Prosopis spp.	Mesquite	20	10	10	NS	R	low break, poor form
167	Prosopis spp.	Mesquite	18	12	8	NS	R	low break, poor form
168	Prosopis spp.	Mesquite	18	13	8	NS	R	poor health
169	Prosopis spp.	Mesquite	12	10	6	NS	R	poor health
170	Prosopis spp.	Mesquite	10	8	12	NS	R	low break, poor form
171	Prosopis spp.	Mesquite	20	14	16	S	R	
172	Prosopis spp.	Mesquite	12	8	8	NS	R	low break, poor form
173	Prosopis spp.	Mesquite	14	12	8	NS	R	low break, poor form
174	Prosopis spp.	Mesquite	18	14	10	NS	R	low break, poor form
175	Prosopis spp.	Mesquite	20	18	10	S	R	
176	Prosopis spp.	thornless mesquite	20	18	10	S	R	
177	Prosopis spp.	thornless mesquite	20	18	10	S	R	
178	Parkinsonia hybrid	Thornless Palo Verde	18	16	12	S	R	
179	Fraxinus spp.	Ash spp.	12	8	3	S	R	
180	Fraxinus spp.	Ash spp.	12	8	3	S	R	
181	Fraxinus spp.	Ash spp.	12	8	3	S	R	
182	Prosopis spp.	thornless mesquite	16	12	10	S	R	

NOTES:

1. TREES ON INVENTORY UNAFFECTED BY CONSTRUCTION OPERATIONS MAY REMAIN PROTECTED IN PLACE, SEE INVENTORY MATRIX FOR DESIGNATION OF PLANT MATERIAL