

SPECIAL NOTES:
1. SHRUB SPRAY HEADS ON A RISER WILL ONLY BE PERMITTED NEXT TO A WALL, A FENCE OR OTHER AREA WHERE THEY ARE OUT OF CLEAR VIEW. AN APPROPRIATE HEIGHT POP-UP SPRINKLER SHALL BE INSTALLED ADJACENT TO ALL WALKS, DRIVES, PATIO AREAS AND ALL AREAS OF PEDESTRIAN TRAFFIC. FINAL INSTALLATION IN LAWN SHALL BE FLUSH AND IN SHRUB BEDS ONE INCH ABOVE GRADE.

2. CONTRACTOR SHALL PROVIDE ONE BUBBLER AT THE BASE OF EACH FIELD GROWN OR 24" AND LARGER BOXED TREE OR OTHER TREE AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.

EMITTER SCHEDULE:
AT SHRUBS AND GROUND COVER --- ONE (1) 1 GPH EMITTER
AT TREES --- THREE (3) 1 GPH EMITTER
AT CACTI --- ONE (1) 1 GPH EMITTER

20 GENERAL SPRINKLER NOTES

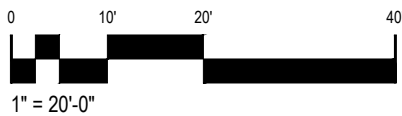
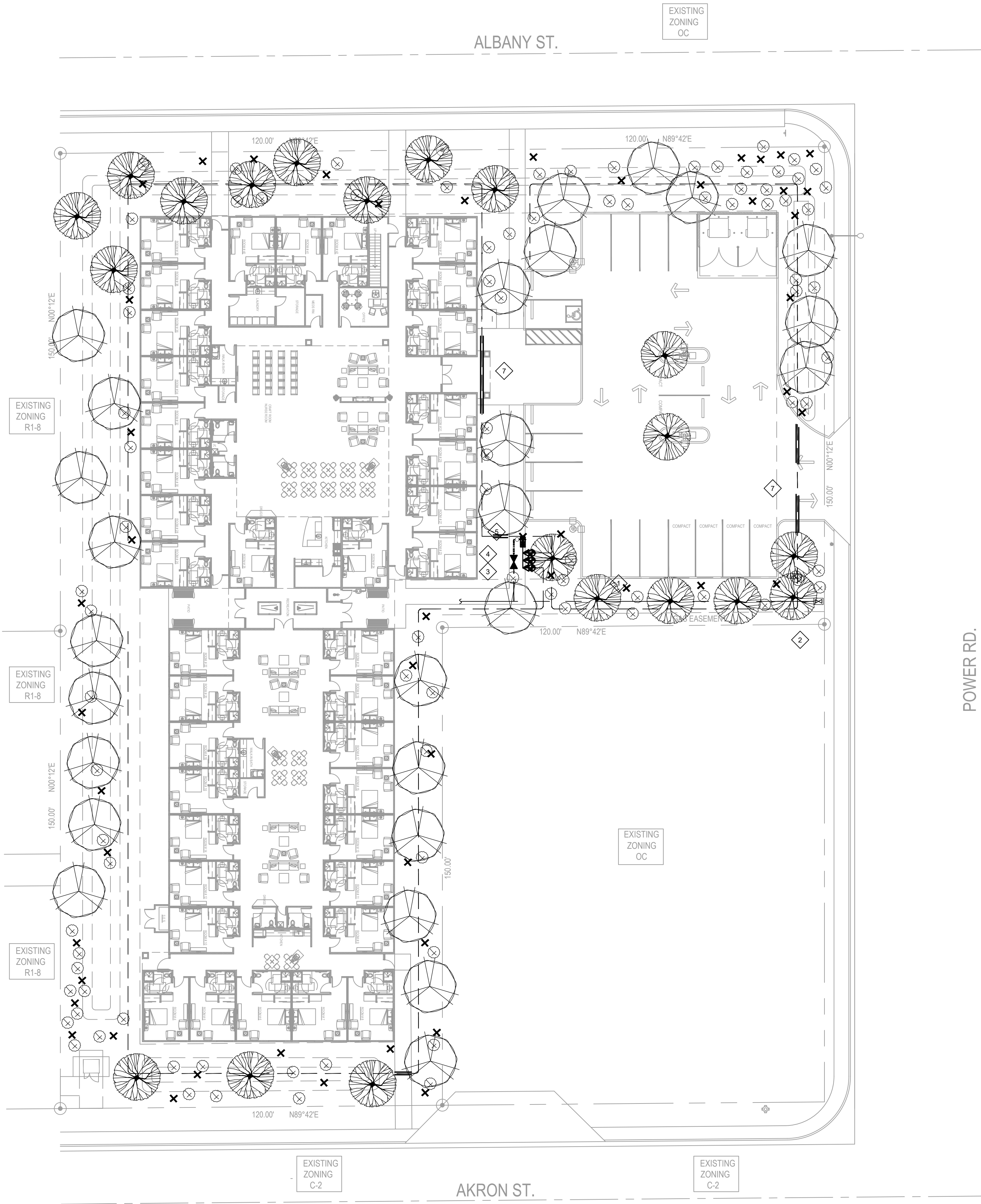
- 1 NEW WATER SERVICE
- 2 NEW WATER METER
- 3 NEW IRRIGATION SHUT OFF VALVE
- 4 NEW BACK-FLOW PREVENTER
- 5 SCHEDULE 40-1" MAINLINE
- 6 CLASS 200-3/4" LATERAL LINE
- 7 SCH 40 PVC SLEEVE, 4" AT MAINLINE, 2" AT LATERAL LINE

19 LANDSCAPE SPRINKLER PLAN KEYNOTES

- IRRIGATION PLAN IS DIAGRAMMATIC. FINAL LOCATION OF PIPING WILL BE DETERMINED AT TIME OF INSTALLATION. MAINLINE AND LATERALS SHALL BE PLACED AT SAME TRENCH WHEN POSSIBLE. EQUIPMENT SHOWN IN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS.
- INSTALL ALL EQUIPMENT AS SHOWN IN DETAILS. ALL EQUIPMENT REQUIRED BUT NOT SPECIFIED ON THE DRAWINGS SHALL BE PROVIDED BY THE IRRIGATION CONTRACTOR.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.
- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER WORKMANSHIP DURING INSTALLATION.
- BACKFLOW PROTECTION UNIT(S) SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES.
- ALL MAINLINE PIPING SHALL HAVE A MINIMUM OF 18" COVER (24" UNDER ROADS AND STREETS, AND 24" IF RUBBER RING SEALED PIPE). ALL LATERAL PIPING SHALL BE TRENCHED A MINIMUM OF 12" DEEP. ALL CONTROL WIRE GOING UNDER DRIVEWAYS AND STREETS SHALL BE SLEEVED IN A PVC PIPE. LATERAL PIPING GOING UNDER DRIVEWAYS AND STREETS SHALL BE SCHEDULE 40 PVC.
- ALL VALVE CONTROL WIRE SHALL BE INSTALLED IN SAME TRENCH WITH MAINLINE WHEREVER POSSIBLE AND SHALL BE SOLID COPPER AWG # 14, TYPE UF, DIRECT BURIAL WIRE. USING SNAPTITE OR SCOTCH-LOCK WIRE CONNECTORS.
- TRENCH BACKFILL SOIL SHALL BE CLEAN, FREE OF ROCKS, TRASH, GLASS, SOLVENT AND CEMENT CONTAINERS AND RAGS. CONTRACTOR SHALL COMPACT ALL TRENCHES TO A DENSITY EQUAL TO THE UNDISTURBED SOIL AND SHALL BE RESPONSIBLE FOR BRINGING ANY SETTLED TRENCHES BACK TO FINISH GRADE.
- CONTRACTOR SHALL FLUSH ALL PIPE LINES PRIOR TO INSTALLING SPRINKLER HEADS.
- CONTRACTOR SHALL INSTALL VALVE BOXES AT GRADE OVER ALL ELECTRIC VALVES AND INSTALL ANTI-DRAIN VALVES AS NECESSARY TO PREVENT LOW HEAD DRAINAGE EROSION OR DAMAGE.
- CONTRACTOR SHALL ADJUST ALL SPRINKLERS AND VALVES FOR PROPER OPERATION AND COVERAGE. SPRINKLERS ALONG STREET CURBING AND DRIVEWAYS SHALL BE BACK 4 TO 6 INCHES. ALL SPRINKLERS SHALL BE ADJUSTED SO THAT NO WATER IS THROWN ONTO STRUCTURES OR NATURAL FACED MASONRY WALLS. NO OVERTHROW IS PERMITTED ON HARDSCAPE.
- 120 VOLT POWER FOR CONTROLLER(S) IS TO BE PROVIDED BY OTHERS ON A SEPARATE CIRCUIT BREAKER. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING CONNECTIONS TO CONTROLLER. CONTROLLER FINAL LOCATION SHALL BE DETERMINED BY OWNER'S AUTHORIZED REPRESENTATIVE.
- ARC ONE ASSOCIATES LLC, SHALL NOT BE RESPONSIBLE FOR IMPROPER OPERATION OF SYSTEM DUE TO CONTRACTOR NOT FOLLOWING PLAN PIPE SIZING OR INADEQUATE STATIC PRESSURE OR INFIELD DESIGN CHANGES WITHOUT APPROVAL.
- ARC ONE ASSOCIATE LLC IS NOT RESPONSIBLE FOR ERROR IN INSTALLATION IF THEY HAVE NOT BEEN RETAINED FOR INSTALLATION OBSERVATION.
- LANDSCAPE CONTRACTOR SHALL REFER TO SPECIFICATIONS FOR DETAILS, STANDARDS OF MATERIAL SAND WORKMANSHIP.

17 LANDSCAPE SPRINKLER PLAN NOTES

ALL LANDSCAPE MATERIAL INSTALLED SHALL BE MAINTAINED BY OWNER/OR LESSEE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. ALL TREES AND SHRUBS LOCATED IN THE SIGHT TRIANGLES WILL BE MAINTAINED FOR A CLEAR AREA BETWEEN 2' TO 8'. TREE HEIGHTS AND CALIPERS WILL COMPLY WITH "ARIZONA NURSERY ASSOCIATION" SPECIFICATIONS FOR THAT TYPE AND SIZE OF TREE.

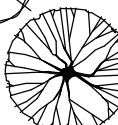


5 PROPOSED LANDSCAPE PLAN



- SYMBOL
- WATER METER. SEE PLUMBING PLAN FOR P.O.C.
 - FEBCO 825-YA-1" R.P. ASSEMBLY
 - HARDIE 700-1" CONTROL VALVE
 - SENNINGER PMR-MF PRESSURE REGULATOR W/ AG. PRODUCTS 1"Y STRAINER GATE VALVE
 - IRRITROL MC STATION CONTROLLER
 - SCHEDULE 40-1" MAINLINE
 - CLASS 200-3/4" LATERAL LINE
 - SCH 40 PVC SLEEVE 4" AT MAINLINE 2" AT LATERAL LINE

3 SPRINKLER LEGEND

BOTANICAL NAMES		COMMON NAMES	
SIZES			
TREES:			
	PITHECELLOBIUM FLEXICAULE	TEXAS EBONY	2" CALIPER 1/4" BOX
	PROSOPIS CHILENSIS	CHILEAN MESQUITE	2" CALIPER 1/4" BOX
SHRUBS:			
	BOUGAINVILLEA 'TEMPLE FIRE'	BUSH BOUGAINVILLEA	5 GAL
	CAESALPINIA PULCHERRIMA MEXICANA	MEXICAN BIRD OF PARADISE	5 GAL
	CONVOLVULUS CNEORUM	MORNING GLORY BUSH	5 GAL
	DODONEA VISCOSA	GREEN HOPSEED	5 GAL
	LANTANA 'GOLD MOUND'	GOLD MOUND LANTANA	5 GAL
	LANTANA MONTEVIDENSIS	PURPLE TRAILING LANTANA	5 GAL
CACTI:			
	AGAVE VILMORINIANA	OCTOPUS AGAVE	15 GAL
	DASYLIROTON WHEELERI	DESERT SPOON	15 GAL
	FOUQUIERIA SPLENDENS	OCOTILLO	15 GAL

GROUND COVER:
1/2" MINUS MADISON GOLD DECOMPOSED GRANITE - 2" THICK LAYER ON ALL LANDSCAPE AREAS

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NEW
ASSISTED LIVING FACILITY
160 N. POWER RD.
MESA, ARIZONA
Parcel # 141-58-189A

design: RDO
drawn: JO
check: JDO

revisions:

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date: 06/20/18

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PROJECT: A0350617