

- 1/2" RUBBER HOSE WITH #10 WIRE
- TWO 2" ROUND BY 10' LONG GREEN TREE STAKES BURY 3" BELOW GRADE
- 4" BASIN
- GRADE (PRIOR TO GRANITE)
- ROUGHEN SIDES OF PLANT PIT TO PREVENT GLAZING
- AGRIFORM TABLETS
- 2" DEPTH OF DECOMPOSED GRANITE. (SEE LEGEND FOR TYPE)

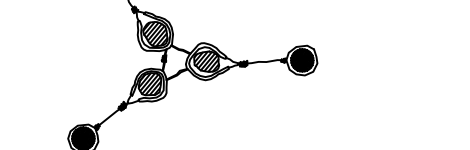
BACKFILL PLANT PIT WITH SOIL MIX PER PHX MAG SUPPLEMENT.

DOUBLE STAKING DETAIL

NOT TO SCALE



NOTE: MULTI-TRUNKED TREES TO HAVE ALL MAJOR LEADERS STAKED

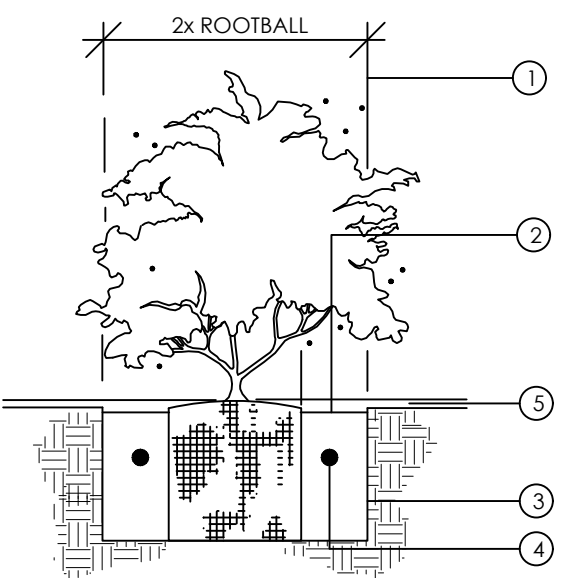


- MULTI-TRUNK
- DOUBLE-TRUNK
- SINGLE-TRUNK

1. NOTCH TUBING LOOP WIRE THROUGH EXPOSED WIRE
2. #10 WIRE RUBBER COATED
3. 1/2" RUBBER HOSE

TREE GUYING DETAIL

NOT TO SCALE

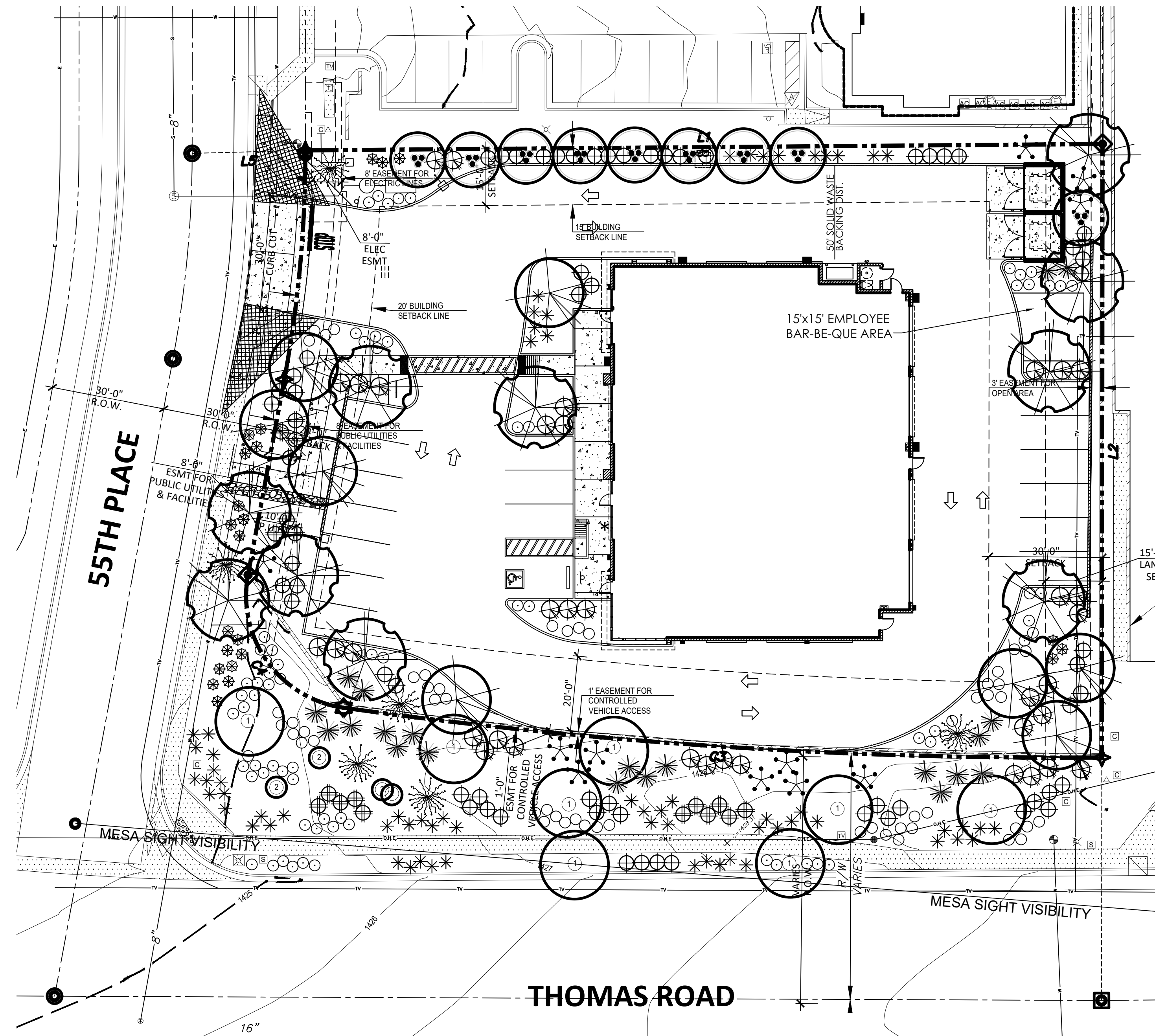


1. MINIMUM DIMENSION FOR 5 GAL. PLANTS
- 1" BASIN
- ROUGHEN SIDES OF PLANT PIT TO PREVENT GLAZING
- AGRIFORM TABLETS SEE SPECS. FOR RATIO
5. 2" DEPTH OF DECOMPOSED GRANITE. (SEE LEGEND FOR TYPE)

BACKFILL PLANT PIT WITH SOIL MIX PER PHX MAG SUPPLEMENT.

SHRUB PLANTING DETAIL

NOT TO SCALE

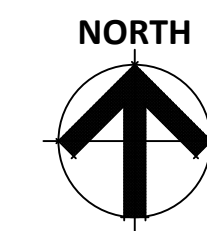


LANDSCAPE LEGEND

- TREES**
- CERCIDIUM 'HYBRID' DESERT MUSEUM PALO VERDE 24" BOX (10)
 - PROSOPIS 'RIO-SALADO' HYBRID THORNLESS MESQUITE 36" BOX (8)
 - CAESALPINIA CACALACO CASCALOTE 24" BOX (9)
 - FOUQUIERIA SPLENDENS OCOTILLO 10 CANE MIN. 7T. MIN. (6)
 - LEUCOPHYLLUM FRUTESCENS 'GREEN CLOUD' 5 GALLON (36)
 - CAESALPINIA MEXICANA MEXICAN BIRD OF PARADISE 5 GALLON (11)
 - HESPERALOE PARVIFLORA RED YUCCA 5 GALLON (61)
 - DASYLIRION WHEELERII DESERT SPOON 5 GALLON (18)
 - AGAVE DESMETTIANA SMOOTH AGAVE 5 GALLON (21)
 - ECHINOCACTUS GRUSONII GOLDEN BARREL CACTUS 10" ROUND (MATCHING) (23)
 - ALOE 'BLUE ELF' BLUE ELF ALOE 5 GALLON (66)
 - LANTANA MONTEVIDENSIS 'GOLD MOUND' 1 GALLON (76)
 - LANTANA MONTEVIDENSIS TRAILING PURPLE 1 GALLON (49)
- 1/2" MINUS MADISON GOLD DECOMPOSED GRANITE 2" DEPTH IN ALL LANDSCAPE AREAS**

LANDSCAPE PLAN

SCALE: 1" = 20'-0"



THOMAS ROAD

PROPERTY LINE = 230'
 9 TREES REQUIRED
 11 TREES PROVIDED (EXIST. ALL 36" BOX EQUIV.)
 54 SHRUBS REQUIRED
 54 SHRUBS PROVIDED (EXISTING MATURE)

55TH PLACE

PROPERTY LINE = 143'
 6 TREES REQUIRED
 6 TREES PROVIDED (3-36", 3-24")
 36 SHRUBS REQUIRED
 35 SHRUBS PROVIDED (ALL 5 GAL.)

NORTH PROPERTY LINE

PROPERTY LINE = 211'
 8 TREES REQUIRED
 8 TREES PROVIDED (10-EXIST. 11-NEW)
 32 SHRUBS REQUIRED
 32 SHRUBS PROVIDED

EAST PROPERTY LINE

PROPERTY LINE = 162'
 6 TREES REQUIRED
 6 TREES PROVIDED (ALL EXISTING 36" EQUIV.)
 24 SHRUBS REQUIRED
 24 SHRUBS PROVIDED

PARKING LOT

PARKING STALLS = 60
 6 TREES REQUIRED
 6 TREES PROVIDED
 18 SHRUBS REQUIRED
 18 SHRUBS PROVIDED

OPEN SPACE:

LANDSCAPE AREA: 9,027 SQ.FT.
 LIVING COVERAGE REQUIRED: 6,770 SQ.FT. (75%)
 LIVING COVERAGE PROVIDED: 6,816 SQ.FT. (76%)

CITY OF MESA LANDSCAPE NOTES

- ALL LANDSCAPE AREAS TO RECEIVE 2" LAYER DECOMPOSED GRANITE
 - ALL LANDSCAPE AREA TO BE WATERED BY UNDERGROUND AUTOMATIC IRRIGATION SYSTEM.
 - THE HEIGHTS AND CALIPERS SHALL COMPLY WITH 'ARIZONIA NURSERY ASSOCIATION SPECIFICATIONS' FOR THAT SIZE AND TYPE OF TREE.
 - REQUIRED TREES SHALL BE PROVIDED IN EQUAL NUMBERS OF 15 GALLON SIZE AND 24" BOX SIZE OR LARGER.
 - REQUIRED SHRUBS SHALL HAVE A MATURE GROWTH HEIGHT OF 18" AT LEAST 50% OF REQUIRE SHRUBS SHALL BE 5 GALLON SIZE.
 - PLANT MATERIAL SHALL BE CALCULATED BASED ON A LINEAR MODULE OF 25 FEET. TREES AND SHRUBS MAY BE CLUSTERED.
- ARTERIAL STREET:**
 (2) TREES AND (6) SHRUBS PER 25' OF STREET FRONTAGE
- MAJOR, MIDSECTION COLLECTOR STREET:**
 (2) TREES AND (6) SHRUBS PER 25' OF STREET FRONTAGE
- COLLECTOR/INDUSTRIAL/COMMERCIAL STREET:**
 (1) TREES AND (4) SHRUBS PER 25' OF STREET FRONTAGE
- PUBLIC OR PRIVATE LOCAL STREET:**
 (1) TREES AND (4) SHRUBS PER 25' OF STREET FRONTAGE
7. PLANT MATERIAL SIZES REQUIRED:
TREES: (TOTAL REQUIRED TREES):
 25% SHALL BE 36" BOX OR LARGER
 50% SHALL BE 24" BOX OR LARGER
 NO TREES LESS THAN 15 GALLON
- SHRUBS: (TOTAL REQUIRED SHRUBS):**
 50% SHALL BE 5 GALLON OR LARGER.
 NO SHRUBS LESS THAN 1 GALLON
- 1 TREES AND 3 SHRUBS FOR EVERY 15' PARKING ISLAND
 - PARKING SHALL BE INSTALLED @ EACH END OF ROW OF STALLS AND IN BETWEEN FOR MAXIMUM OF EIGHT CONTIGUOUS PARKING SPACES
 - FOUNDATION LANDSCAPING: LANDSCAPING TO A MINIMUM HEIGHT OF 18" IS REQUIRED IMMEDIATELY ADJACENT TO, OR PROVIDED IN PLANTER AREAS ADJACENT TO BUILDING WHICH HAVE FRONTAGE ON A PUBLIC STREET. PLANTING AREAS MUST BE A MIN. OF 5' WIDE AND A MIN. OF 50% PLANT COVERAGE.
 - THE BACKFLOW PREVENTION ASSEMBLY SHALL BE TESTED AND APPROVED BY A CERTIFIED TECHNICIAN DESIGNATED IN THE CURRENT CITY OF MESA LIST THE APPROVED INSPECTORS PRIOR TO THE REQUEST FOR FINAL INSPECTION".
 - THE REQUIRED BACKFLOW PREVENTION ASSEMBLY SHALL BE MANUFACTURER AND MODEL NUMBER DESIGNATED IN THE CURRENT CITY OF MESA LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES".
 - ALL WORK WILL BE DONE UNDER SEPARATE PERMIT FOR SIGNS".
 - ALL LANDSCAPING INSTALLED WITH THIS PROJECT TO BE MAINTAINED BY OWNERS ASSOC. OR OWNERS ASSOCIATION OF COMMERCIAL SUBDIVISION OR MANAGEMENT COMPANY IF COMMERCIAL RENTALS
 - THAT ALL TREES AND SHRUBS LOCATED IN LINE-OF-SIGHT WILL BE MAINTAINED TO A CLEAR AREA BETWEEN OF 3' TO 7'
 - RIP-RAP MUST BE ON NATURAL MATERIALS MATCHING D.G COLORS CONCRETE OR GUNITITE MUST BE COLORED TO MATCH D.G. COLOR
 - TREES SHALL BE PLANTED @ LEAST 20' AWAY FROM ANY STREET LIGHT POLE OR LOCATION. SHRUBS SHALL BE PLANTED @ LEAST 7' FEET AWAY FROM ANY STREET LIGHT POLE OR LCC.
 - 10% OF TOTAL TREES IN PARKING SHALL BE 36" BOX OR LARGER.

VISIBILITY TRIANGLE INFO:

VISIBILITY TRIANGLES ARE BASED ON CITY OF MESA PUBLIC STREET ACCESS GUIDELINES DATED FEB. 15, 2005.

STREET SPEED: 45 MPH
 STREET CROSS SECTION 4LU
 FIGURE 2.3 (50MPH DESIGN SPEED) SD=625'

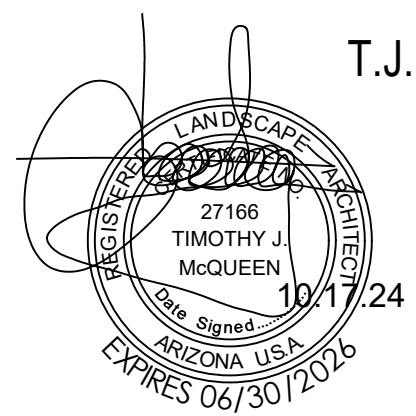
ADDITIONAL NOTES:

THIS LANDSCAPE IS TO BE MAINTAINED ON A WEEKLY BASIS USING A NATURAL MAINTENANCE PROGRAM AND SHALL BE MAINTAINED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICE OF THE LANDSCAPE INDUSTRY.

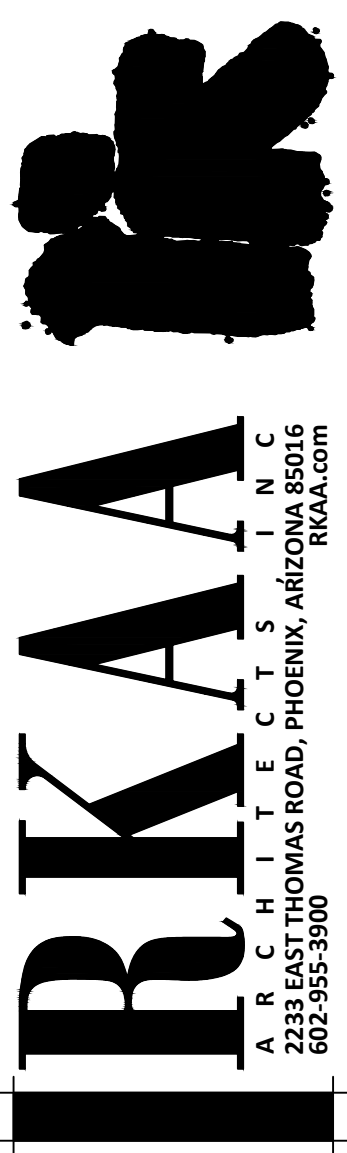
ALL TREES AND SHRUBS LOCATED IN THE LIGN OF SIGHT WILL BE MAINTAINED FOR A CLEAR AREA BETWEEN 3' TO 7'. THE LIGN OF SITE IS OUT OF THE SCOPE OF WORK ON THIS PROJECT.

ALL LANDSCAPE AREAS WILL BE MAINTAINED BY THIS OWNER OR LESSEE IN ACCORDANCE WITH THESE APPROVED PLANS

REQUIRED LANDSCAPE AREAS SHALL BE FREE FROM ENCROACHMENT BY ANY USE, STRUCTURE, VEHICLE OR FEATURE NOT PART OF THE LANDSCAPE DESIGN.



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LANDSCAPE PLAN
 05-28-2024

LOT 7 THOMAS RD
 3615 N 55TH PL
 MESA, AZ 85215

design by: RH
 drawn by: MM
 checked by: RH
La.01
 project #: 23250

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