

CITY OF MESA LANDSCAPE NOTES

1. LANDSCAPE CONTRACTOR SHALL CONFIRM LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION AND SHALL BE RESPONSIBLE FOR THE FOLLOWING:

A. DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES.

B. DAMAGES TO EXISTING WALKS, WALLS, DRIVES, CURBS, ETC.

C. INSPECTING THE SITE IN ORDER TO BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
2. INSTALLATION OF ALL LANDSCAPE AND IRRIGATION MATERIALS SHALL COMPLY WITH SECTIONS 424, 425, 757, AND 795 OF THE MAG STANDARD SPECIFICATIONS AS AMENDED BY THE CITY OF MESA IN THE CURRENT EDITION OF THE MESA ENGINEERING PROCEDURES MANUAL, LANDSCAPE & IRRIGATION STANDARDS
3. CONTRACTOR SHALL REPAIR ANY DAMAGE MADE TO THE EXISTING SPRINKLER SYSTEM TO THE SATISFACTION OF THE CITY AT NO ADDITIONAL COST TO THE CITY.
4. LANDSCAPE REMOVAL IS A NON-PAY ITEM UNLESS OTHERWISE NOTED.
5. ALL EXISTING VEGETATION, WEEDS, DEBRIS, ETC. SHALL BE REMOVED FROM PROJECT AREA AND DISPOSED OF PROPERLY OFF THE SITE AT THE CONTRACTOR'S EXPENSE (SCARIFY EXISTING SUBGRADE, MINIMUM SIX (6) INCHES DEPTH).
6. DAMAGE TO TURF SHALL BE REPAIRED BY CONTRACTOR, I.E., RUTS FILLED WITH CLEAN SOIL, COMPACTED TO MATCH SURROUNDING GRADES, EXCESS SOIL, ROCK, ETC. SHALL BE REMOVED TO LEAVE THE SITE CLEAN.
7. ALL PLANT MATERIAL, OTHER THAN TREES, SHALL CONFORM TO GRADING, TYPE, ETC. AS SET FORTH IN THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN. ALL TREES SHALL CONFORM TO THE CURRENT ARIZONA NURSERY ASSOCIATION TREE SPECIFICATIONS AND MAG SPEC 795.7. SHOULD ANY CONFLICTS IN THE SPECIFICATIONS OCCUR, THE ARIZONA NURSERY ASSOCIATION'S SPECIFICATIONS SHALL PREVAIL.
8. CITY RESERVES THE RIGHT TO INSPECT SHRUBS AND CONTAINERED TREES FOR CONDITION OF ROOT BALLS. FOR ANY SUCH INSPECTIONS WHICH MAY DESTROY ROOTBALL, CONTRACTOR SHALL SUPPLY ADDITIONAL PLANT AT NO COST TO CITY.
9. PLANT PITS SHALL BE INSPECTED BY CITY PRIOR TO PLANTING BY THE CONTRACTOR BY REQUESTING AN INSPECTION 48 HOURS IN ADVANCE.
10. ROUGH AND FINE GRADING TO ESTABLISH UNIFORM SMOOTH GRADE IS INCLUDED IN THIS PROJECT.
11. SOIL TEST FOR FERTILITY AND ADDITIVE RECOMMENDATIONS (FOR TURF AND ORNAMENTALS) SHALL BE COMPLETED BY CONTRACTOR TO DETERMINE IF ADDITIVES ARE REQUIRED. CONTRACTOR SHALL PROVIDE COPY OF SOIL TEST RESULTS FOR REVIEW AND APPROVAL TO ENGINEERING INSPECTOR AT LEAST SEVEN DAYS PRIOR TO ANTICIPATED PLANTING. AFTER APPROVAL BY THE CITY, THE CONTRACTOR SHALL PROVIDE AND INCORPORATE ANY ADDITIVES REQUIRED PRIOR TO OR AT TIME OF PLANTING.
12. PLANT PIT SOIL MIXTURE SHALL CONSIST OF FOUR AND ONE HALF PARTS NATURAL FERTILE, FRIABLE SOIL AND ONE PART HUMUS BY VOLUME, THOROUGHLY MIXED PRIOR TO BACKFILLING IN PITS. BACKFILLING SHALL BE IN 6" LIFTS WITH EACH LIFT WATER SETTLED WITHOUT PUDDLING.
13. CONTRACTOR SHALL STAKE TREE AND SHRUB LOCATIONS FOR 5-GALLON PLANTS AND LARGER. STAKES SHALL BE MARKED WITH PLANT NAME OR PLANT LEGEND ITEM NUMBER FROM PLANS.
14. ALL EXISTING (GAS, ELECTRIC, WATER, ETC.) COVERS AND BOXES SHALL REMAIN UNCOVERED. CONTRACTOR TO ADJUST TO FINAL GRADE AS NECESSARY. NPI UNLESS OTHERWISE NOTED.
15. THE CONTRACTOR SHALL INSTALL WATER METER PROVIDED BY THE CITY OF MESA. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS INCLUDING ALL APPURTENANCES AND LABOR NECESSARY TO INSTALL THE COMPLETE AUTOMATIC SPRINKLER SYSTEM FROM THE METER (WATER USAGE CHARGES SHALL BE PAID BY CONTRACTOR UNTIL PROJECT FINAL ACCEPTANCE BY CITY OF MESA). CONTRACTOR SHALL ORDER METER FROM DEVELOPMENT SERVICES.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE UNDERGROUND SPRINKLER SYSTEMS IN ADVANCE OF CONSTRUCTION. THE SPRINKLER SYSTEM LOCATIONS NOTED ON PLANS ARE FOR REFERENCE ONLY.
17. CONTRACTOR TO VERIFY DEPTH OF ALL INLET STRUCTURES AND SPRINKLER SYSTEMS PRIOR TO TRENCHING FOR LOW-FLOW CHANNEL.
18. CONTRACTOR TO PROVIDE PUMPING WITHIN FIVE (5) DAYS AFTER THE NOTICE TO PROCEED IS GIVEN AS REQUIRED TO DRY THE AREA SUFFICIENTLY TO BEGIN CONSTRUCTION.
19. CONTRACTOR SHALL ARRANGE FOR SPRINKLER SYSTEM SHUTDOWN DURING CONSTRUCTION BY CONTACTING THE ENGINEERING INSPECTOR.
20. NO ROCKS LARGER THAN 1" IN DIAMETER SHALL BE ALLOWED IN THE TOP SIX (6) INCHES OF TOPSOIL WHERE TURF ESTABLISHMENT IS SPECIFIED. ROCK REMOVAL AS NECESSARY IS INCLUDED IN THIS PROJECT (NPI).
21. WHERE CALICHE IS ENCOUNTERED IN PLANT PITS, DEPTH AND WIDTH OF PIT SHALL BE INCREASED BY ONE-THIRD (1/3) OVER SPECIFICATION, AND A LIQUID PENETRATOR, "AL-KALICHE" OR EQUAL, SHALL BE INCORPORATED FOR EACH PIT PER MANUFACTURER'S RECOMMENDATIONS.
22. PROJECT RECORD DRAWINGS FOR IRRIGATION SYSTEM:

A. MAINTAIN ON SITE AND SEPARATE FROM DOCUMENTS USED FOR CONSTRUCTION, ONE COMPLETE SET OF CONTRACT DOCUMENTS AS PROJECT RECORD DOCUMENTS. KEEP DOCUMENTS CURRENT. DO NOT PERMANENTLY COVER WORK UNTIL AS-BUILT INFORMATION IS RECORDED.

B. RECORD PIPE AND WIRING NETWORK ALTERATIONS. RECORD WORK WHICH IS INSTALLED DIFFERENTLY THAN SHOWN ON THE CONSTRUCTION DRAWINGS. RECORD ACCURATE REFERENCE DIMENSIONS, MEASURED FROM AT LEAST TWO PERMANENT REFERENCE POINTS, OF EACH IRRIGATION SYSTEM VALVE, EACH BACKFLOW PREVENTION DEVICE, EACH CONTROLLER OR CONTROLLER UNIT, EACH SLEEVE END, EACH STUB-OUT FOR FUTURE PIPE OR WIRING CONNECTIONS, AND OTHER IRRIGATION COMPONENTS ENCLOSED WITHIN A VALVE BOX.
23. FOR PARKS AND RETENTION BASINS: CONTRACTOR SHALL INSTALL DECOMPOSED GRANITE TO A ROLLED DEPTH OF TWO (2) INCHES. DECOMPOSED GRANITE SHALL BE 1/2" MINUS WITH THE COLOR AS SPECIFIED ON THE PLANS. PRE-EMERGENT HERBICIDE SHALL BE APPLIED BEFORE AND AFTER PLACEMENT OF DECOMPOSED GRANITE PER THE MANUFACTURER'S RECOMMENDATIONS. PRE-EMERGENT HERBICIDE SHALL BE SURFLAN, DACTHAL, OR APPROVED EQUAL. NOT MORE THAN 8% OF DECOMPOSED GRANITE SHALL PASS THROUGH A #200 MESH SCREEN, 15% THROUGH A #40 MESH SCREEN, 98% THROUGH A #4 MESH SCREEN, AND 100% SHALL PASS THROUGH A 1/2" MESH SCREEN. SAMPLE TO BE PROVIDED FOR CITY REVIEW AND APPROVAL.
24. FOR STREET LANDSCAPE PROJECTS: CONTRACTOR SHALL INSTALL DECOMPOSED GRANITE AS FOLLOWS:

A. DECOMPOSED GRANITE GROUND COVER SHALL BE 1/2" SIZE SCREENED AND WASHED.

B. PLACE AND ROLL TO TWO (2) INCH TOTAL DEPTH OVER 85% COMPACTED SUBGRADE.
25. PRE-EMERGENT HERBICIDE SURFLAN, DACTHAL OR APPROVED EQUAL SHALL
26. BE APPLIED BEFORE AND AFTER GRANITE PLACEMENT.

ACKNOWLEDGEMENT

THE APPLICANT HEREBY REPRESENTS THAT THESE CONSTRUCTION DOCUMENTS COMPLY WITH ALL ZONING APPROVALS, DESIGN REVIEW BOARD APPROVALS, BUILDING AND ENGINEERING STANDARDS AND ALL APPLICABLE REQUIREMENTS OF THE MESA CITY CODE. THE APPLICANT ACKNOWLEDGES AND AGREES ANY DEVIATION FROM OR FAILURE TO COMPLY WITH THE REQUIREMENTS OF ANY SUCH APPROVAL OR STANDARD WILL RESULT IN THE DENIAL OF CERTIFICATE OF OCCUPANCY AND MAY RESULT IN ADDITIONAL PENALTIES AND/OR ENFORCEMENT ACTIONS AS PROVIDED IN THE MESA ZONING AND BUILDING CODES. APPROVAL OF THE CONSTRUCTION DOCUMENTS SHALL NOT IMPLY APPROVAL OF ANY DEVIATION FROM THE PLANS APPROVED AND STIPULATED BY DESIGN REVIEW BOARD, PLANNING & ZONING BOARD, AND CITY COUNCIL, OR FROM BUILDING AND ENGINEERING STANDARDS.\*

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GENERAL LANDSCAPE NOTES

1. ALL WORK SHALL BE CONFINED TO LIMITS OF CONSTRUCTION AS SHOWN ON PLANS.
2. SITE GRADING NECESSITATED BY THE WORK AS IT PROGRESSES AND NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE CONSIDERED INCIDENTAL WORK.
3. CONTRACTOR SHALL COORDINATE AND BE IN COMPLIANCE WITH ALL STATE AND LOCAL MUNICIPALITIES AS WARRANTED.
4. CONTRACTOR IS TO REVIEW PLANS, VERIFY SITE CONDITIONS AND PLANT QUANTITIES PRIOR TO INSTALLATION. ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND SPECIFICATIONS AND EXISTING SITE CONDITIONS OR ANY INCONSISTENCIES OR AMBIGUITIES IN DRAWINGS OR SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE LANDSCAPE ARCHITECT, IN WRITING, WHO SHALL PROMPTLY ADDRESS SUCH INCONSISTENCIES OR AMBIGUITIES. WORK DONE BY THE CONTRACTOR AFTER HIS DISCOVERY OF SUCH DISCREPANCIES, INCONSISTENCIES, OR AMBIGUITIES SHALL BE DONE AT THE CONTRACTOR'S RISK.
5. DEVIATION FROM THESE PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER, OR THE LANDSCAPE ARCHITECT MAY BE CAUSE FOR THE WORK TO BE DESIGNATED UNACCEPTABLE.
6. THE CONTRACTOR ACKNOWLEDGES & AGREES THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL SITE IS ACCEPTED, AND HE WILL BE HELD RESPONSIBLE FOR ITS SAFETY BY THE OWNER.
7. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE DAMAGE OR LOSS OF ANY REFERENCE POINTS AND HUBS DURING THE CONSTRUCTION OF HIS WORK, AND SHALL BEAR THE COST OF REPLACING SAME.
8. THE CONTRACTOR IS RESPONSIBLE FOR HORIZONTALLY AND VERTICALLY LOCATING AND PROTECTING ALL PUBLIC AND PRIVATE UTILITIES WHICH LIE IN OR ADJACENT TO THE CONSTRUCTION SITE AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING, OR CONSTRUCTION ACTIVITY.
9. THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC., DURING ALL CONSTRUCTION PHASES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL REPAIR, AT HIS OWN EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
10. ANY FOREIGN ITEM FOUND DURING CONSTRUCTION IS THE PROPERTY OF THE OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, PRECIOUS METALS, COINS, PAPER CURRENCY, ARTIFACTS AND ANTIQUITIES.
11. ALL SURPLUS EXCAVATION SHALL BE TAKEN TO A SITE DESIGNATED BY OWNER, AT NO ADDITIONAL COST TO THE OWNER. IF OWNER CHOOSES, THE CONTRACTOR MAY TAKE POSSESSION OF SURPLUS EXCAVATION MATERIAL.
12. CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND/OR OBTAINING ALL REQUIRED PERMITS AND APPROVALS PRIOR TO COMMENCING CONSTRUCTION.
13. CONTRACTOR IS TO MAINTAIN CONTROLLED PEDESTRIAN AND ADA ACCESS THROUGH ALL AREAS OF THE SITE THROUGHOUT CONSTRUCTION PERIOD.
14. MAINTAIN THE SITE IN A NEAT AND ORDERLY CONDITION AT ALL TIMES. DAILY, AND MORE OFTEN IF NECESSARY, INSPECT & AND PICK UP ALL SCRAP, DEBRIS, & WASTE MATERIAL.
15. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, ROCK MULCH AND OTHER MATERIALS TRACKED ONTO ANY PRIVATE OR PUBLIC STREETS OR SIDEWALKS. THE CONTRACTOR MUST CLEAN THESE DAILY, IF NECESSARY. THE CONTRACTOR MUST USE WATER OR OTHER ACCEPTABLE METHODS TO KEEP AIRBORNE DUST TO A REQUIRED MINIMUM.
16. PROVIDE PROTECTION TO ALL FINISHED WORK. MAINTAIN SURFACES CLEAN, UNIMPAIRED, AND SUITABLY PROTECTED UNTIL ACCEPTANCE BY OWNER.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITY TO EXISTING ELEMENTS THAT ARE TO REMAIN.
18. EROSION CONTROL MEASURES (IE: SILT FENCING AND SEDIMENT CONTROL) SHALL BE MAINTAINED BY THE CONTRACTOR PER CIVIL SPECIFICATIONS. ANY EROSION CONTROL MEASURES DAMAGED BY THE CONTRACTOR SHALL BE REPLACED PER CIVIL SPECIFICATIONS.
19. PLANT QUANTITIES LISTED IN THE PLANT LEGEND ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL DO THEIR OWN TAKE-OFFS AND BASE BID ACCORDINGLY.
20. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL BRANCHED, AND DENSELY FOLIATED (WHEN IN-LEAF) AS IS TYPICAL FOR THE SPECIES. THEY SHALL HAVE HEALTHY, WELL DEVELOPED STANDARDS, AND FREE OF ANY BRUISES, CUTS OR OTHER ABNORMALITIES. PLANT MATERIAL SHALL BE SIZED IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN.
21. OWNERS REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL DEEMED UNACCEPTABLE.
22. LANDSCAPE CONTRACTOR TO TAG AND HOLD ALL PLANT MATERIAL A MINIMUM OF 30 DAYS PRIOR TO DATE OF INSTALLATION. ALL PLANT MATERIAL SUBSTITUTIONS MADE WITHIN THE 30 DAYS PRIOR TO INSTALLATION TO BE THE NEXT SIZE LARGER AT NO ADDITIONAL COST TO THE CLIENT.
23. ALL TREE LOCATIONS TO BE STAKED AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
24. INSTALL ALL CANOPY TREES WITH A MINIMUM OF 5 FT. SEPARATION FROM ALL UTILITIES, UNLESS A ROOT BARRIER IS UTILIZED.
25. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN PLANTED AREAS BY MEANS OF CONTINUOUS WATERING, PRUNING, RAISING TREE ROOT BALLS WHICH SETTLE BELOW GRADE, APPLICATION OF SPRAYS WHICH ARE NECESSARY TO KEEP THE PLANTING FREE OF INSECTS AND DISEASES, FERTILIZING, WEEDING, MOVING, EDGING AND/OR OTHER OPERATIONS NECESSARY FOR PROPER CARE AND UPKEEP.
26. ROCK MULCH: ALL AREAS LABELED ROCK MULCH ON THE PLANS ARE TO BE APPROVED BY OWNER. 2" MINIMUM DEPTH THROUGHOUT ENTIRE PROJECT. FINISH GRADE IN ALL AREAS TO BE SMOOTH AND EVEN AND 1" BELOW TOP OF CURB OR SIDEWALK.
27. AREAS TO RECEIVE ROCK MULCH SHALL BE SPRAYED AT LEAST ONCE WITH A CONTACT HERBICIDE PRIOR TO PLANTING OPERATIONS IMMEDIATELY PRIOR TO PLACEMENT OF ROCK MULCH. CONTRACTOR TO APPLY PRE-EMERGENT PER MANUFACTURER RECOMMENDATIONS.
28. ROCK MULCH SHALL EXTEND UNDER TREES AND SHRUBS.
29. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE ENTIRE PROJECT FOR 90 DAYS AFTER ACCEPTANCE OF THE WORK BY THE OWNERS REPRESENTATIVE. UPON COMPLETION OF THE MAINTENANCE PERIOD THE OWNER WILL ASSUME ALL MAINTENANCE RESPONSIBILITY.
30. PRIOR TO INITIATING THE 90-DAY MAINTENANCE PERIOD, COMPLETE ANY INITIAL PUNCH-LIST ITEMS. THEN OBTAIN APPROVAL FROM OWNERS REPRESENTATIVE OF SUBSTANTIAL COMPLETION. DETERMINE WITH THE OWNER'S REPRESENTATIVE THE START DATE FOR THE 90-DAY MAINTENANCE PERIOD. CONTRACTOR TO MAINTAIN LANDSCAPE WHICH MAY INCLUDE WATERING, WEEDING, PRUNING, AND REPLACEMENT OF ANY MATERIAL THAT HAS DIED OR IS SHOWING EVIDENCE OF STRESS. SUBMIT WRITTEN REQUEST FOR FINAL PUNCH-LIST ONE WEEK PRIOR TO END OF MAINTENANCE PERIOD.
31. ALL GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS OF THE CONTRACT SHALL APPLY.

PRELIMINARY LANDSCAPE AND IRRIGATION NOTES:

1. THE SELECTION OF PLANT MATERIAL IS BASED ON CLIMATIC, AESTHETIC, AND MAINTENANCE CONSIDERATIONS. ALL PLANTING AREAS SHALL BE PREPARED WITH APPROPRIATE SOIL AMENDMENTS, FERTILIZERS AND APPROPRIATE SUPPLEMENTS BASED UPON A SOILS REPORT FROM AN AGRICULTURAL SUITABILITY SOIL SAMPLE TAKEN FROM THE SITE. DECOMPOSED GRANITE SHALL FILL IN BETWEEN SHRUBS TO SHIELD THE SOIL FROM THE SUN, EVAPOTRANSPIRATION, AND RUN-OFF. ALL SHRUB BEDS SHALL BE MULCHED TO A 3" DEPTH TO HELP CONSERVE WATER, LOWER SOIL TEMPERATURE, AND REDUCE WEED GROWTH. THE SHRUBS SHALL BE ALLOWED TO GROW IN THEIR NATURAL FORMS. ALL LANDSCAPE IMPROVEMENTS SHALL FOLLOW THE GUIDELINES SET FORTH BY THE CITY OF MESA MUNICIPAL CODE.
2. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED TO PROVIDE 100% COVERAGE FOR ALL PLANTING AREAS SHOWN ON THE PLAN. THE WATER SUPPLY FOR THIS SITE IS A POTABLE WATER CONNECTION AND A DEDICATED IRRIGATION METER WILL BE PROVIDED. LOW VOLUME EQUIPMENT SHALL PROVIDE SUFFICIENT WATER FOR PLANT GROWTH WITH NO WATER LOSS DUE TO WATER CONTROLLERS, AND OTHER NECESSARY IRRIGATION EQUIPMENT. ALL POINT SOURCE SYSTEM SHALL BE ADEQUATELY FILTERED AND REGULATED PER THE MANUFACTURER'S RECOMMENDED DESIGN PARAMETERS. ALL IRRIGATION IMPROVEMENTS SHALL FOLLOW THE GUIDELINES SET FORTH BY THE CITY OF MESA MUNICIPAL CODE.

CITY OF MESA NOTES

1. SIGNAGE REQUIRES A SEPARATE SIGN PERMIT.
2. REQUIRED TREES SHALL BE MINIMUM SIZE AS SPECIFIED IN THE ARIZONA NURSERY ASSOCIATION "RECOMMENDED TREE SPECIFICATIONS" LATEST EDITION. 11-33-2(B)2
3. ALL LANDSCAPE MATERIAL INSTALLED SHALL BE MAINTAINED BY OWNER/OR LESSEE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. 11-33-3(J) 2 & 3
4. PLANT MATERIAL WITHIN THE SIGHT DISTANCE TRIANGLE SHALL NOT EXCEED 30-INCHES IN HEIGHT AT FULL MATURITY. 1105.3
5. TREES PLANTED WITH THE SIGHT DISTANCE TRIANGLES SHALL BE 24-INCH TO 42-INCH BOX SPECIMENS WITH NO BRANCHES LOWER THAN 8-FEET ABOVE THE SIDEWALK ELEVATION, AND 14-FEET OVER VEHICULAR TRAFFIC WAYS. 1105.4
6. REQUIRED LANDSCAPE AREAS SHALL BE FREE FROM ENCRoACHMENT BY ANY USE, STRUCTURE, VEHICLE OR FEATURE NOT A PART OF THE LANDSCAPING DESIGN. 11-33-3(A)

CITY OF MESA LANDSCAPE STANDARDS

REQUIREMENT	REQUIRED	PROVIDED
INTERIOR PARKING LOT PARKING ISLANDS <ul style="list-style-type: none"><li>1 TREE, 3 SHRUBS / ISLAND</li></ul> MIN. 10% PARKING LOT TREES = 36" BOX	3 ISLANDS = 3 TREES, 9 SHRUBS	3 TREES, 10 SHRUBS
OPEN SPACE 50% LIVE COVERAGE (20,286 SF) <ul style="list-style-type: none"><li>EVERGREEN TREES</li><li>SHADE TREES</li><li>ORNAMENTAL TREES</li><li>LARGE SHRUBS (8' HT.)</li><li>MEDIUM SHRUBS (4-8' HT.)</li><li>SMALL SHRUBS (&lt;4' HT.)</li><li>COLUMNAR EVERGREEN TREE</li><li>COLUMNAR EVERGREEN SHRUB</li><li>EVERGREEN GROUND COVER</li><li>PERENNIAL GROUND COVER OR GRASSES</li></ul>	10,143 SF <ul style="list-style-type: none"><li>100 CREDITS (SF) (EACH)</li><li>50 CREDITS (SF) (EACH)</li><li>25 CREDITS (SF) (EACH)</li><li>50 CREDITS (SF) (EACH)</li><li>25 CREDITS (SF) (EACH)</li><li>10 CREDITS (SF) (EACH)</li><li>25 CREDITS (SF) (EACH)</li><li>10 CREDITS (SF) (EACH)</li><li>25 CREDITS (SF) (EACH)</li><li>10 CREDITS (SF) (EACH)</li><li>25 CREDITS (SF) (EACH)</li><li>5 CREDITS (SF) (EACH)</li></ul>	13,655 SF <ul style="list-style-type: none"><li>36 PLANTS / 3,600 CREDITS (SF)</li><li>4 PLANTS / 220 CREDITS (SF)</li><li>0 PLANTS / 0 CREDITS (SF)</li><li>21 PLANTS / 1,050 CREDITS (SF)</li><li>230 PLANTS / 5,750 CREDITS (SF)</li><li>53 PLANTS / 530 CREDITS (SF)</li><li>0 PLANTS / 0 CREDITS (SF)</li><li>0 PLANTS / 0 CREDITS (SF)</li><li>99 PLANTS / 2,475 CREDITS (SF)</li><li>0 PLANTS / 0 CREDITS (SF)</li></ul>
PERIMETER LANDSCAPE SOUTH ADJACENT PERIMETER (EXCLUDES DRIVE AISLES): <ul style="list-style-type: none"><li>3 TREES / 100 LF, 20 SHRUBS / 100 LF</li></ul> WEST ADJACENT PERIMETER (EXCLUDES DRIVE AISLES): <ul style="list-style-type: none"><li>3 TREES / 100 LF, 20 SHRUBS / 100 LF</li></ul>	129 LF = 4 TREES, 26 SHRUBS 25% @ 36" BOX = 1 TREES 50% @ 5 GAL. = 13 SHRUBS 177 LF = 6 TREES, 36 SHRUBS 25% @ 36" BOX = 2 TREES 50% @ 5 GAL. = 18 SHRUBS	129 LF = 4 TREES, 38 SHRUBS 25% @ 36" BOX = 1 TREES 50% @ 5 GAL. = 19 SHRUBS 177 LF = 6 TREES, 39 SHRUBS 25% @ 36" BOX = 2 TREES 50% @ 5 GAL. = 19 SHRUBS
STREET FRONTAGE LANDSCAPE S MOUNTAIN RD: ARTERIAL STREET <ul style="list-style-type: none"><li>PUBLIC STREET</li><li>1 TREE / 25 LF, 6 SHRUBS / 25 LF</li></ul> 24 AUTO ROW DR: COLLECTOR STREET <ul style="list-style-type: none"><li>PUBLIC STREET</li><li>1 TREE / 25 LF, 6 SHRUBS / 25 LF</li></ul>	242 LF = 10 TREES, 59 SHRUBS 25% @ 36" BOX = 3 TREES 50% @ 5 GAL. = 30 SHRUBS 269 LF = 11 TREES, 65 SHRUBS 25% @ 36" BOX = 3 TREES 50% @ 5 GAL. = 33 SHRUBS	242LF = 10 TREES, 95 SHRUBS 25% @ 36" BOX = 3 TREES 50% @ 5 GAL. = 48 SHRUBS 269 LF = 11 TREES, 87 SHRUBS 25% @ 36" BOX = 3 TREES 50% @ 5 GAL. = 44 SHRUBS
FOUNDATION BASES EXTERIOR WALLS <ul style="list-style-type: none"><li>1 TREE / 50 LF</li><li>10% MIN. @ 36" BOX</li></ul>	FUEL BUILDING 175 LF = 4 TREES MIN. 1 TREE @ 36" BOX	FUEL BUILDING 6 TREES 1 TREE @ 36" BOX

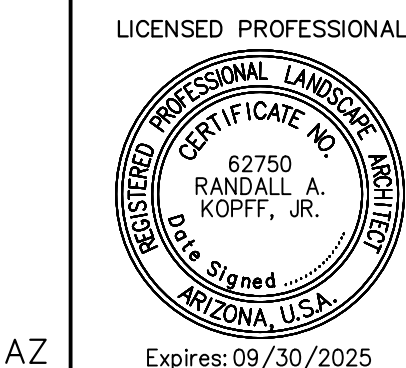


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KHA PROJECT	000002
DATE	6/27/2025
SCALE	AS SHOWN
DESIGNED BY	AS
DRAWN BY	AS
CHECKED BY	CM/LD

MESA

WALMART SUPERCENTER  
FUEL SITE



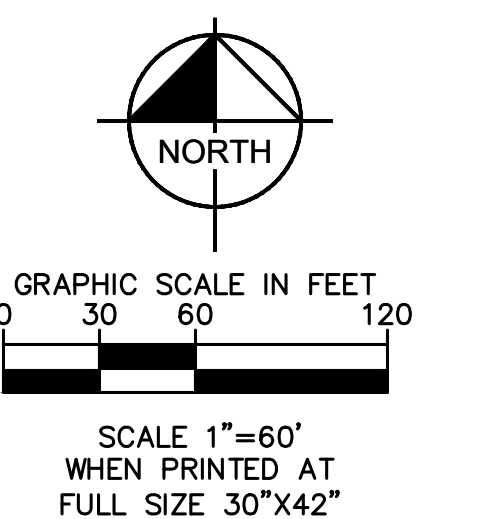
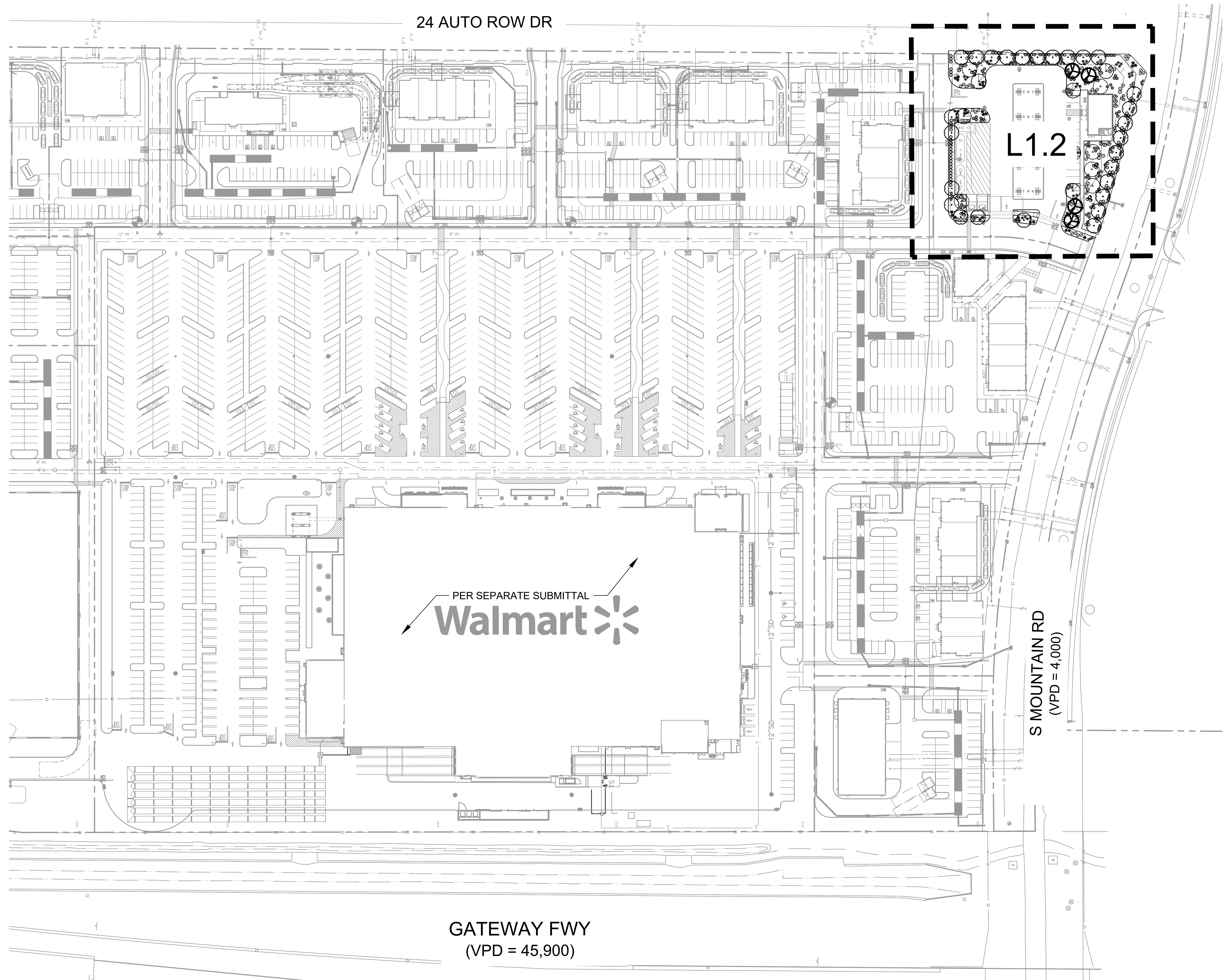
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LANDSCAPE NOTES

SHEET NUMBER

L1.0





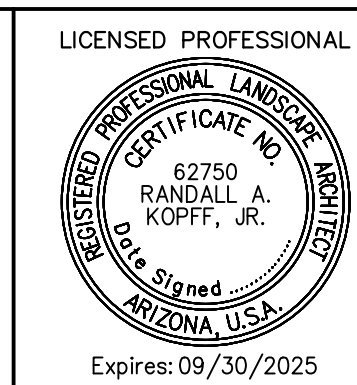
No.	REVISIONS	DATE	BY

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KHA PROJECT  
000002  
DATE  
6/27/2025  
SCALE AS SHOWN  
DESIGNED BY AS  
DRAWN BY AS  
CHECKED BY CM/LD

**WALMART SUPERCENTER  
FUEL SITE**

MESA

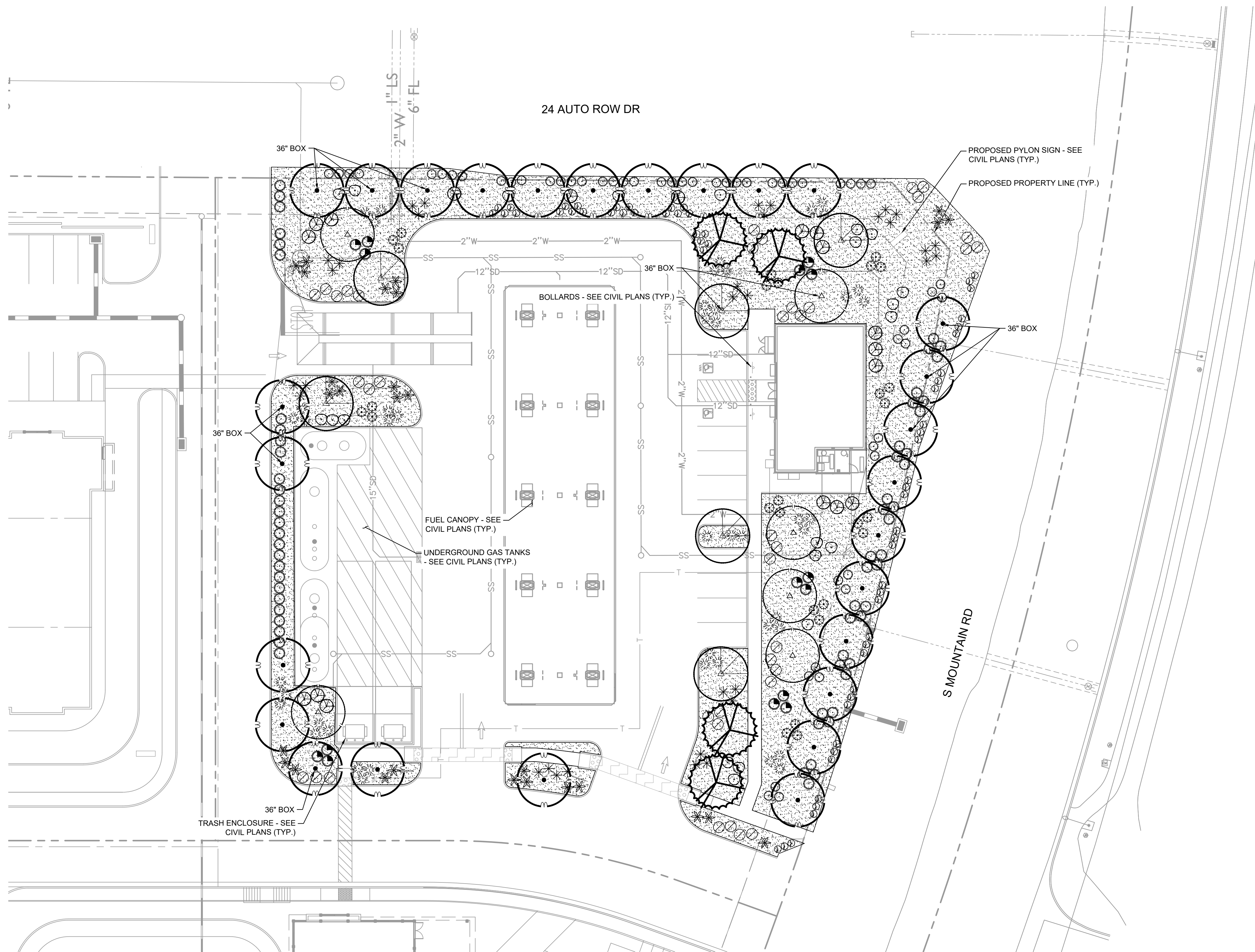


**OVERALL  
LANDSCAPE PLAN**

SHEET NUMBER

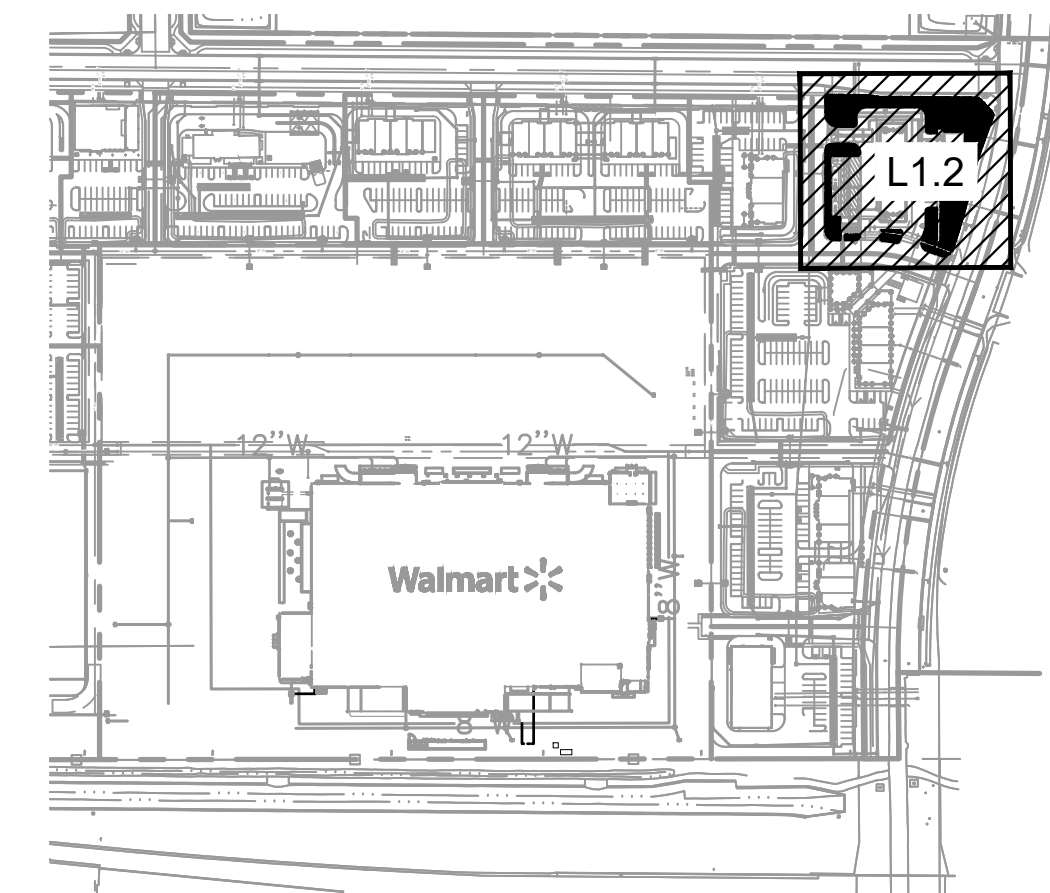
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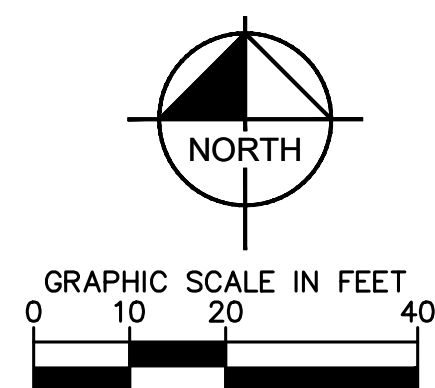


PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	HEIGHT/SPREAD	CAL.
TREES					
	27	ACACIA ANEURA / MULGA	24" BOX	9'-10' HT. X 4'-5' SPR.	1" CAL.
	6	CAESALPINIA CACALACO / CASCALOTE	24" BOX	9'-10' HT. X 3'-4' SPR.	1" CAL.
	6	CERCIDIUM X 'DESERT MUSEUM' / DESERT MUSEUM PALO VERDE	24" BOX	8'-10' HT. X 5'-7' SPR.	1" CAL.
	4	ULMUS PARVIFOLIA 'TRUE GREEN' / TRUE GREEN LACEBARK ELM	24" BOX	9'-11' HT. X 4'-5' SPR.	1" CAL.
SHRUBS					
	28	AGAVE AMERICANA / CENTURY PLANT	5 GAL.	4' O.C.	
	18	CALLIANDRA CALIFORNICA / RED BAJA FAIRY DUSTER	5 GAL.	5' O.C.	
	33	HESPERALOE PARVIFLORA / RED YUCCA	5 GAL.	3' O.C.	
	27	LEUCOPHYLLUM LANGMANIAE 'RIO BRAVO' / RIO BRAVO LANGMAN'S SAGE	5 GAL.	4' O.C.	
	53	LEUCOPHYLLUM ZYGOPHYLLUM 'CIMARRON' / CIMARRON BLUE RANGER	5 GAL.	4' O.C.	
	46	MUHLENBERGIA RIGENS / DEER GRASS	5 GAL.	4' O.C.	
	15	RUPELLIA BRITTONIANA / MEXICAN PETUNIA	5 GAL.	4' O.C.	
	63	RUPELLIA PENINSULARIS / DESERT RUPELLIA	5 GAL.	4' O.C.	
	21	TECOMA STANS 'GOLD STAR' / YELLOW BELLS	5 GAL.	4' O.C.	
GROUND COVER					
	61	LANTANA MONTEVIDENSIS / PURPLE TRAILING LANTANA	1 GAL.	3' O.C.	
	38	LANTANA X 'NEW GOLD' / NEW GOLD LANTANA	1 GAL.	4' O.C.	
INERTS					
	20,286 SF	2" DEPTH DECOMPOSED GRANITE 1/2" SCREENED, COLOR: DESERT GOLD. MAUFACTURER: ROCK PROS USA			



KEY MAP  
SCALE 1"=300'



No.	REVISIONS	DATE	BY

**Kimley»Horn**  
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KHA PROJECT 000002	DESIGNED BY AS	CHECKED BY CM/LD
DATE 6/27/2025	DRAWN BY AS	
SCALE AS SHOWN		

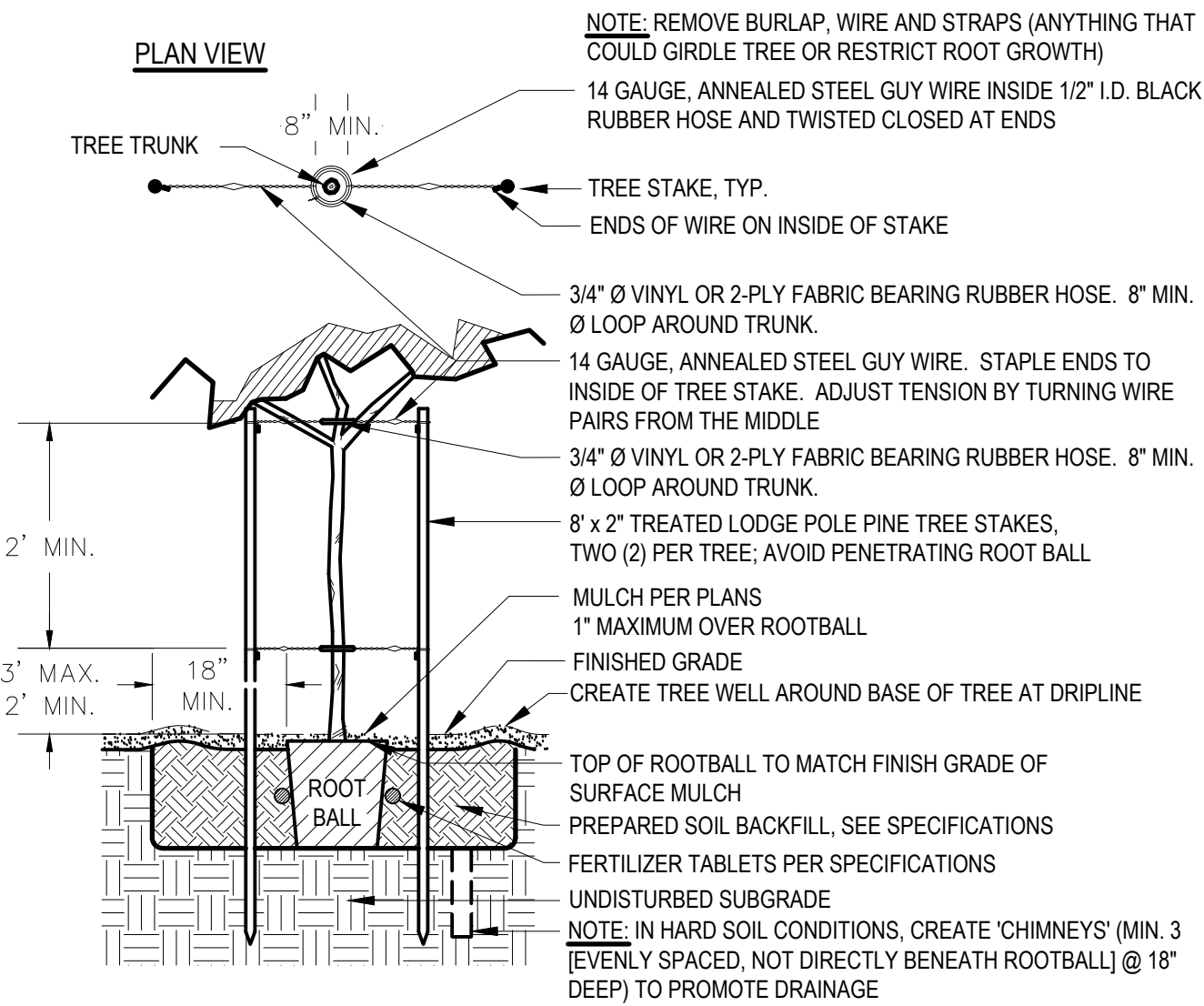
WALMART SUPERCENTER  
FUEL SITE



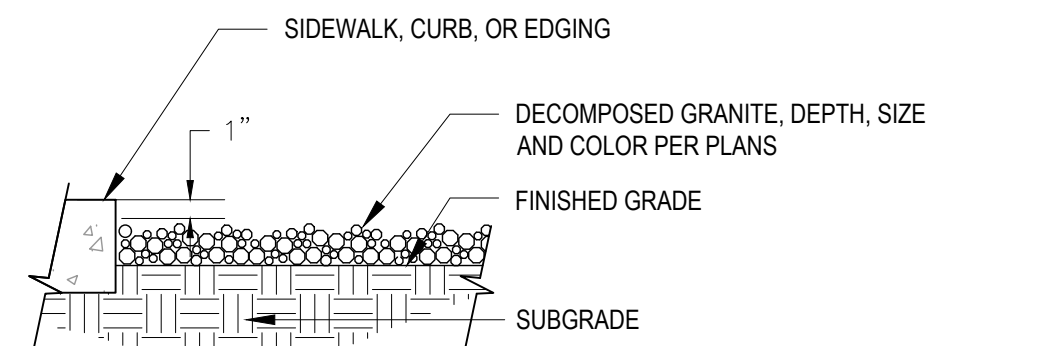
CONCEPTUAL  
LANDSCAPE PLAN

SHEET NUMBER  
**L1.2**



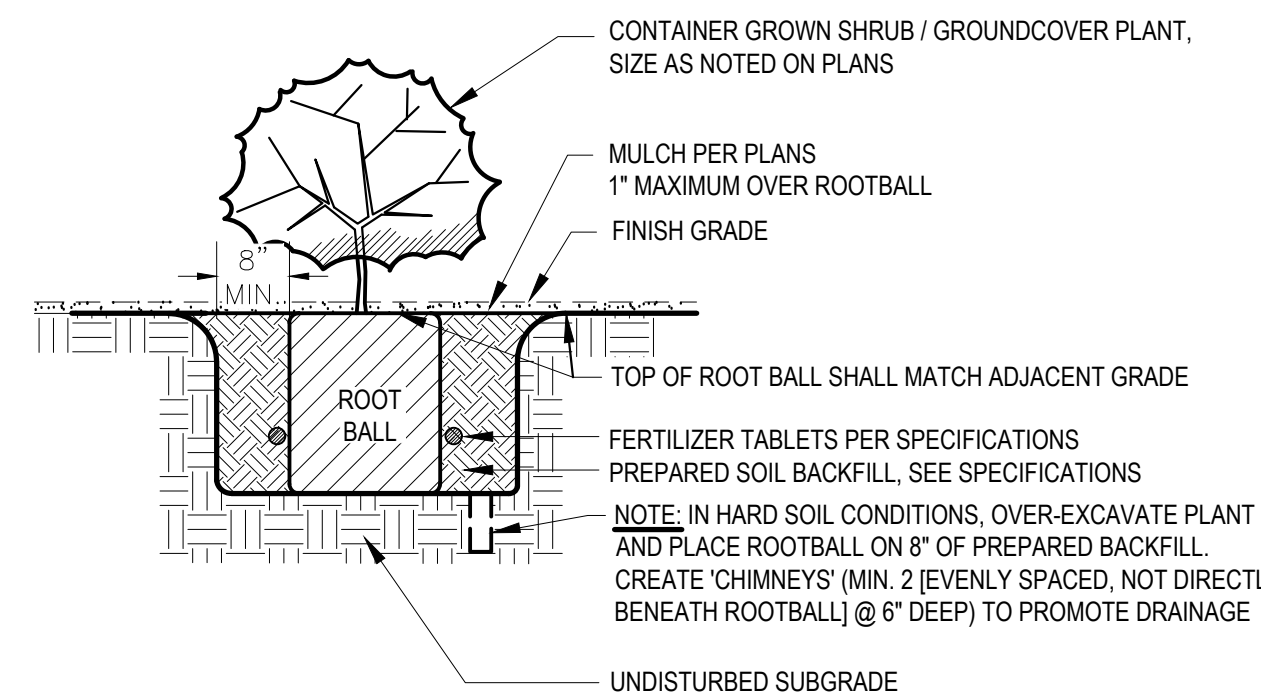


**A TREE PLANTING AND STAKING**  
SCALE: N.T.S.



- NOTE**
1. COMPACT SUBGRADE TO 80% AND APPLY A PRE-EMERGENT HERBICIDE TO THE SOIL BEFORE PLACING GRANITE AT REQUIRED DEPTH. RAKE SMOOTH, WET TO ENTIRE DEPTH. ROLL WITH A 150 LB ROLLER, THEN LIGHTLY SCARIFY SURFACE WITH A LEAF RAKE. KEEP TOP OF GRANITE 1" BELOW ADJACENT WALKS, CURBS, OR OTHER HARD SURFACES.
  2. APPLY SECOND APPLICATION OF PRE-EMERGENT HERBICIDE AFTER INSTALLATION OF GRANITE

**B DECOMPOSED GRANITE INSTALLATION**  
SCALE: N.T.S.



**C SHRUB / GROUND COVER PLANTING**  
SCALE: N.T.S.

#### AMENDED PLANTING BACKFILL MIX

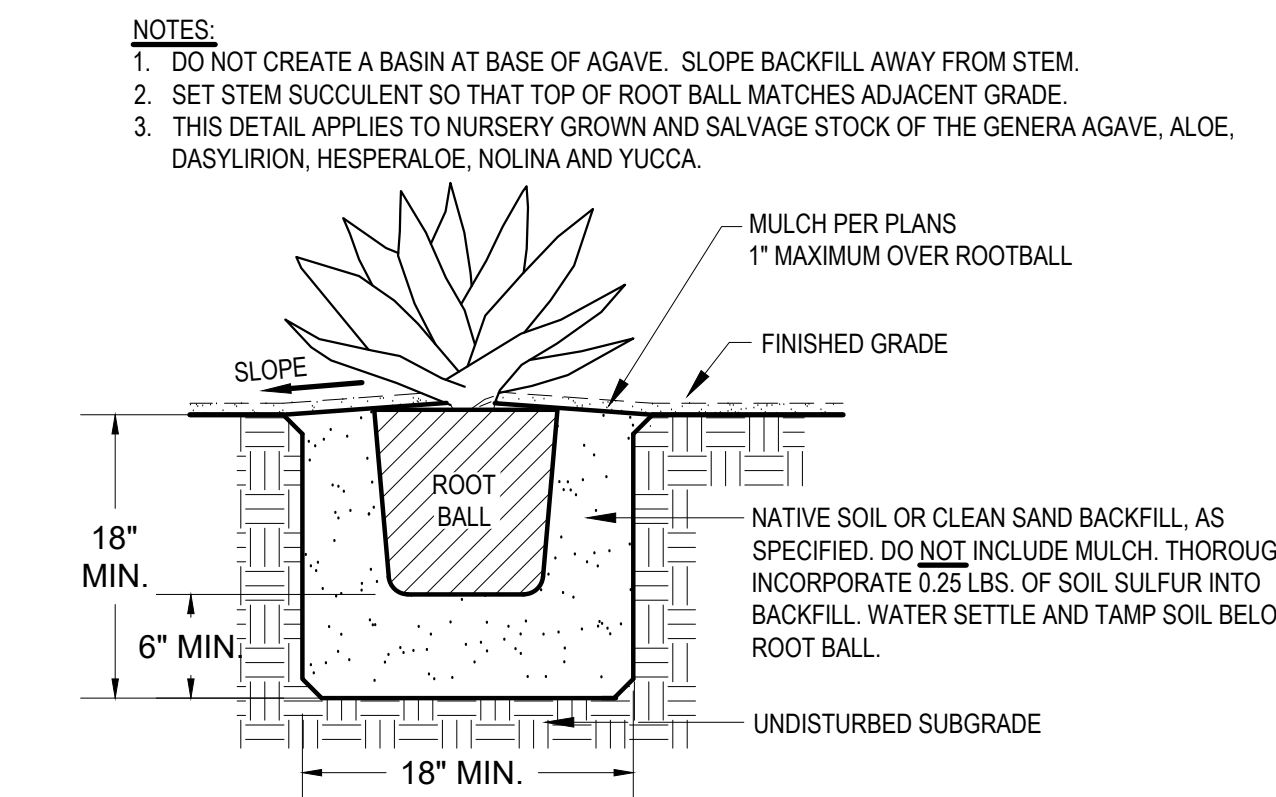
MIX SHALL CONSIST OF: 1/2 PART 'NATIVE' SITE SOIL (NO CALICHE IN BACKFILL) & 1/2 PART MULCH ('HUMUS'). 'NATURAL FERTILE, FRIABLE SOIL THOROUGHLY MIXED PRIOR TO BACKFILLING PIT. REMOVE ALL INORGANIC MATERIAL GREATER THAN 1" IN SIZE. SOIL BACKFILLING SHALL BE ACCOMPLISHED IN 6" LIFTS. EACH LIFT SHALL BE WATER SETTLED WITHOUT POOLING.

#### SLOW-RELEASE FERTILIZER TABLETS

FERTILIZER TABLETS SHALL BE AGRIFORM OR EQUAL (21 GRAM 20-10-5) SLOW RELEASE. TABLETS SHALL BE PLACED AT 1/2 THE DEPTH OF THE ROOTBALL AT THE FOLLOWING RATES:

- 1 TABLET PER 1-GALLON CONTAINER
- 2 TABLETS PER 5-GALLON CONTAINER
- 4 TABLETS PER 24" BOX

AND AT A RATE OF 1 TABLET PER EACH ADDITIONAL 6" BOX SIZE. WHEN MULTIPLE QUANTITIES OF TABLETS ARE REQUIRED, THEY SHALL BE EQUALLY SPACED AT THE SPECIFIED DEPTH.



**D STEM SUCCULENT PLANTING**  
SCALE: N.T.S.

**NOTES:**

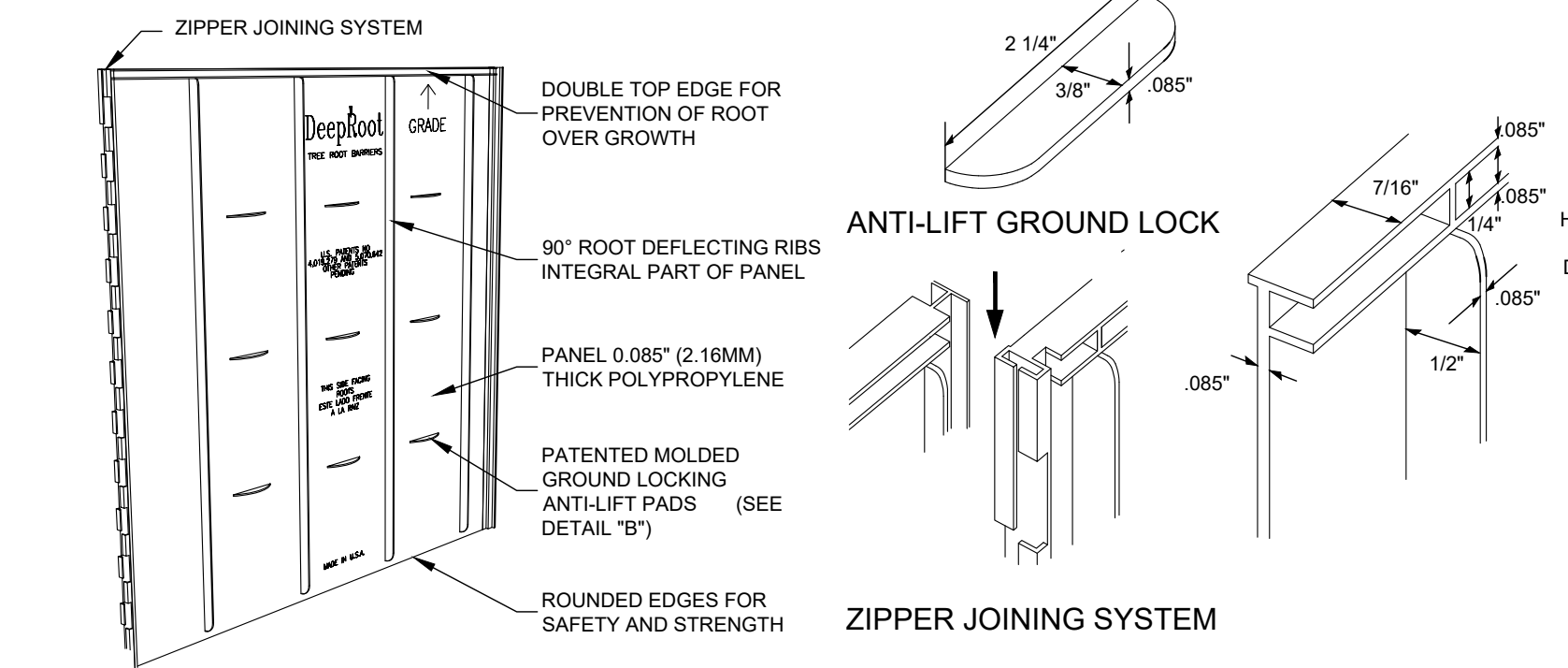
SPECIFIED TREE ROOT BARRIERS ARE A MECHANICAL BARRIER AND ROOT DEFLECTOR TO PREVENT TREE ROOTS FROM DAMAGING ADJACENT PAVING / HARDSCAPE ELEMENTS. ASSEMBLED IN 2' LONG MODULES OR FOR LINEAR APPLICATIONS DIRECTLY BESIDE AN ADJACENT HARDSCAPE AREA TO ONE SIDE OF THE TREES (LINEAR PLANTING STYLE).

#### MATERIALS:

1. THE CONTRACTOR SHALL FURNISH AND INSTALL TREE ROOT BARRIERS AS SPECIFIED. THE TREE ROOT BARRIERS SHALL BE PRODUCT # UB 24-2 AS MANUFACTURED BY DEEP ROOT PARTNERS, L.P. 530 WASHINGTON STREET, SAN FRANCISCO, CA 94111 (800-458-7668), OR APPROVED EQUAL. THE BARRIER SHALL BE BLACK, INJECTION MOLDED PANELS, OF 0.085" WALL THICKNESS IN MODULES 24" LONG BY 24" DEEP. MANUFACTURED WITH A MINIMUM 50% POST CONSUMER RECYCLED POLYPROPYLENE PLASTIC WITH ADDED ULTRAVIOLET INHIBITORS, RECYCLABLE.

#### CONSTRUCTION AND INSTALLATION:

1. THE CONTRACTOR SHALL INSTALL THE TREE ROOT BARRIERS WITH THE NUMBER OF PANELS AND IN THE MANNER SHOWN ON THE DRAWINGS. THE VERTICAL ROOT DEFLECTING RIBS SHALL BE FACING INWARDS TO THE ROOT BALL AND THE TOP OF THE DOUBLE EDGE SHALL BE 1/2" ABOVE GRADE. EACH OF THE REQUIRED NUMBER OF PANELS SHALL BE CONNECTED EITHER TO FORM A CIRCLE AROUND THE ROOT BALL OR BE JOINED IN A LINEAR FASHION AND PLACED ALONG THE ADJACENT HARDSCAPE.
2. EXCAVATION AND SOIL PREPARATION SHALL CONFORM TO THE DRAWINGS



- NOTES:**
1. ROOT BARRIER SHALL BE INSTALLED ADJACENT TO THE IMPROVEMENT AND NOT AROUND THE ROOTBALL.
  2. ROOT BARRIER REQUIRED WHEN TREE TRUNK IS WITHIN 10' OF HARDSCAPE, WALLS, BUILDINGS, BROW DITCHES, OR OTHER IMPROVEMENTS

**F ROOT CONTROL BARRIER**  
SCALE: N.T.S.

No.	REVISIONS	DATE	BY

KHA PROJECT	000002
DATE	6/27/2025
SCALE	AS SHOWN
DESIGNED BY	AS
DRAWN BY	AS
CHECKED BY	CM/DL
MESA	