

**LANDSCAPE LEGEND**

ALL TREES TO MEET OR EXCEED A.N.A. SPECIFICATIONS (U.O.N. - UNLESS OTHERWISE NOTED)

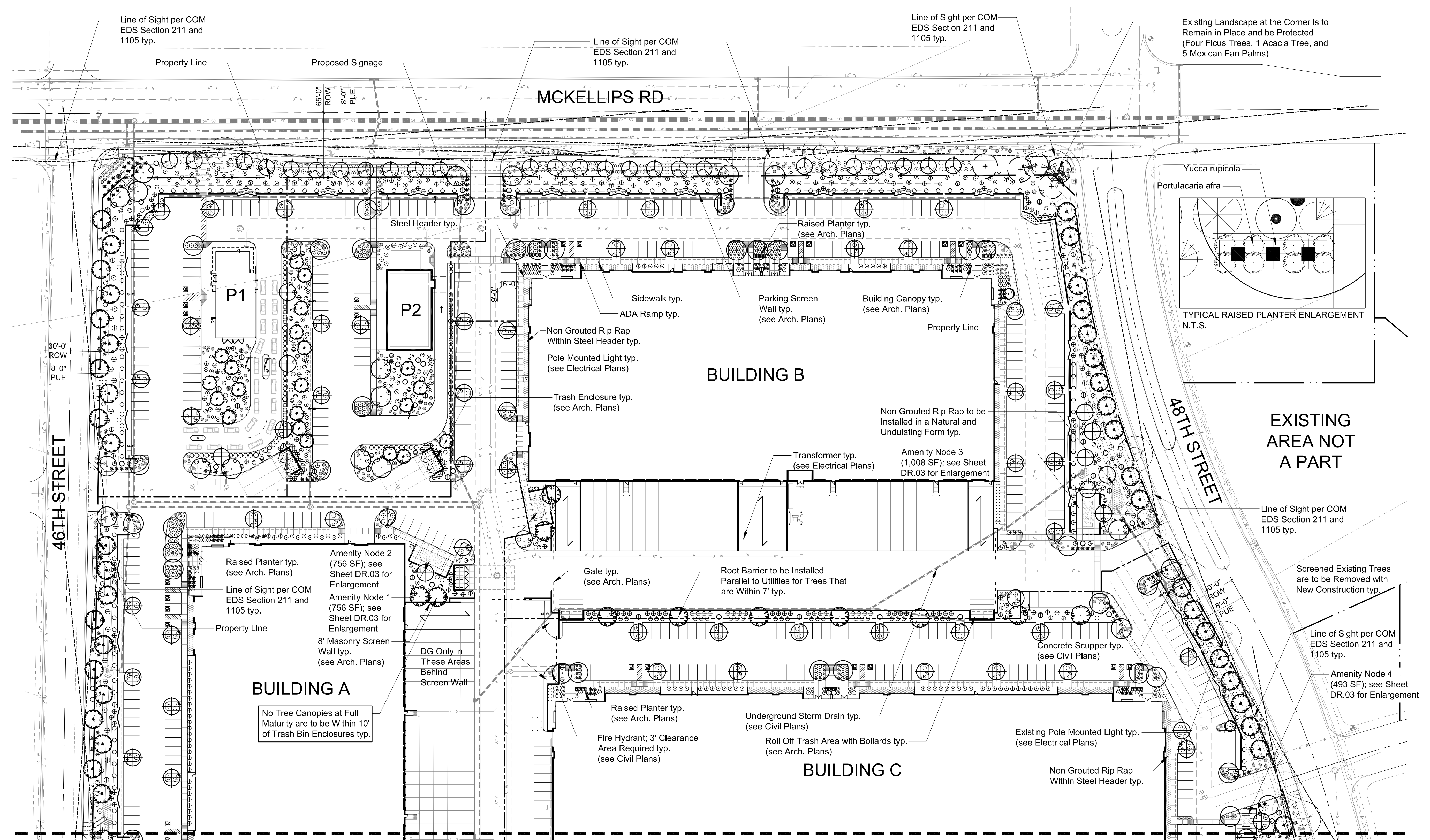
TREES	SIZE	QTY
Chilopsis linearis 'Art' Seedless Desert Willow	24" box Multi-Trunk	21
Ulmus parviflora 'Sempervirens' Chinese Evergreen Elm	24" Box Standard, Matching	26
Parkinsonia hybrid 'Desert Museum' Desert Museum Palo Verde	36" Box Multi-Trunk, Breaker, Matching	106
Prosopis alba 'Hybrid Cooperii' Cooper's Thornless Mesquite	24" Box Standard, Matching	115
Caesalpinia mexicana Mexican Bird of Paradise	36" Box Standard, Matching	03
Acacia salicina Willow Acacia	24" Box Standard, Matching	53
Fouquieria splendens Ocotillo	6' Tall - 6 Cane Minimum	02
Quercus virginiana 'Heritage' Heritage Live Oak	24" Box Standard, Matching	73
Existing Trees to Remain in Place and be Protected		05
Existing Mexican Fan Palm to Remain in Place and be Protected		5
Existing Trees to be Removed with New Construction		29

SHRUBS / ACCENTS / VINES	SIZE	QTY
Dasyliodon wheeleri Desert Spoon	5 Gallon	57
Hesperaloe funifera Giant Yucca	5 Gallon	59
Leucophyllum frutescens 'Compacta' Compact Texas Sage	5 Gallon	351
Hesperaloe parviflora 'Yellow' Yellow Yucca	5 Gallon	124
Bouteloua gracilis Blonde Ambition Grass	5 Gallon	115
Agave desmettiana Smooth Agave	5 Gallon	284
Caesalpinia mexicana Mexican Bird of Paradise	5 Gallon	105
Senna artemisioides Feathery Cassia	5 Gallon	139
Eremophila hydrophana Blue Bells	5 Gallon	282
Tecoma x 'Sparky' Sparky Tecoma	5 Gallon	399
Aloe x 'Blue Elf' Blue Elf Aloe	5 Gallon	266
Ruellia peninsularis Desert Ruellia	5 Gallon	217
Justicia californica Red Chuparosa	5 Gallon	82
Encelia farinosa Brittlebush	5 Gallon	66
Nerium oleander 'Petite Pink' Petite Pink Oleander	5 Gallon	267
Leucophyllum x Heavenly Cloud Heavenly Cloud Sage	5 Gallon	114
Calliandra californica Baja Fairy Duster	5 Gallon	97
Hesperaloe parviflora 'Red' Red Yucca	5 Gallon	100
Yucca rupicola Twisted Leaf Yucca	5 Gallon	36

GROUNDCOVERS	SIZE	QTY
Lantana x 'White Lightning' Trailing White Lantana	5 Gallon	67
Lantana montevidensis Trailing Lantana 'Purple & Gold Mound'	5 Gallon	553
Portulacaria afra Elephant's Food	5 Gallon	96

Decomposed Granite - 1/2" Screened Rock Pros Rose 2" min thickness in all landscape areas  
Submit Samples to Landscape Architect  
Rip-Rap - 3" - 8" Rock Pros Rose 3" min thickness in all landscape areas; bury 2" into grade  
Submit Samples to Landscape Architect  
Stabilized Decomposed Granite - 1/4" Minus Madison Gold 3" min thickness with 95% compaction in noted areas  
Submit Samples to Landscape Architect  
3/16" x 6" Steel Header Secure Every 48" with a Metal Stake

SUBMIT SAMPLES OF ALL INERT MATERIAL TO LA FOR APPROVAL



**GENERAL BUILDING FOUNDATION / IRRIGATION NOTES:**

POSITIVE DRAINAGE NEEDS TO BE MAINTAINED FROM THE BUILDINGS EXTERIOR WALLS FOR A MINIMUM OF 10'. NO IRRIGATED LANDSCAPE MATERIALS WITHIN THE FIRST 5' NEXT TO THE BUILDING FOUNDATION. WITHIN 5'-10' OF THE BUILDING FOUNDATION ONLY LANDSCAPE MATERIALS THAT CAN BE IRRIGATED WITH A 1 GPH EMITTER ARE ALLOWED. ANY LANDSCAPE MATERIALS REQUIRING AN EMITTER GREATER THAN 1GPH, INCLUDING TURF SHALL BE A MINIMUM OF 10' FROM THE OUTSIDE FACE OF THE BUILDING FOUNDATION. ALL IRRIGATION LINES, OTHER THAN THOSE SUPPLYING INDIVIDUAL EMITTERS SHALL NOT BE PLACED WITHIN 5' OF THE BUILDING FOUNDATION.

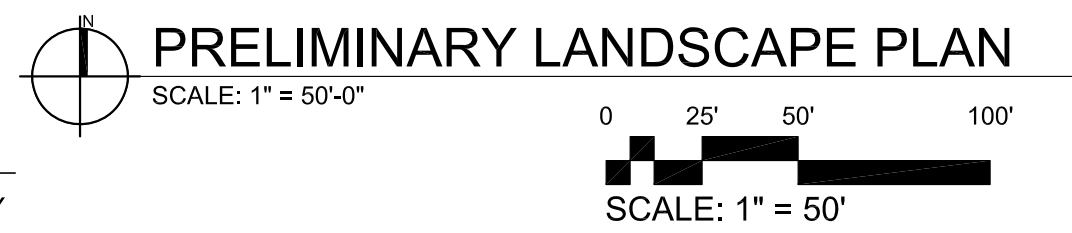
**SIGHT DISTANCE DESIGN NOTE:**

SIGHT VISIBILITY TRIANGLES HAVE BEEN DESIGNED FOR A 45 MPH + 5 TOTALING 50 MPH ALONG MCKELLIPS RD.

SIGHT VISIBILITY TRIANGLES HAVE BEEN DESIGNED FOR A 30 MPH + 5 TOTALING 35 MPH ALONG 46TH ST AND 48TH ST.

**PRELIMINARY LANDSCAPE PLAN GENERAL NOTES:**

1. THE ENTIRE SITE WILL BE MAINTAINED IN ACCORDANCE WITH CITY OF MESA STANDARDS.
2. ALL TREES WILL BE 15 GALLON OR LARGER.
3. AN AUTOMATIC IRRIGATION SYSTEM WILL BE INSTALLED GUARANTEEING 100% COVERAGE TO ALL LANDSCAPE AREAS.
4. DECOMPOSED GRANITE, 2" MINIMUM THICKNESS, TO BE PLACED IN ALL LANDSCAPE AREAS NOT DESIGNATED FOR RIP-RAP OR LAWN.
5. ALL EARTHWORK WILL BE DONE SO THAT ALL WATER DRAINS AWAY FROM SIDEWALKS / STRUCTURES AND WILL NOT IMPEDE NATURAL DRAINAGE EASEMENTS.
6. STRUCTURES AND LANDSCAPING WITHIN A SIGHT VISIBILITY TRIANGLE OR SIGHT VISIBILITY LINE WILL NOT EXCEED 24" INCHES.
7. FINAL LANDSCAPE PLANS TO MEET OR EXCEED MINIMUM CITY STANDARDS.



THE LANDING  
at FALCON FIELD

Proposed Mixed-Use Development  
Greenfield Road and McKellips Road  
Mesa, Arizona

DR.01 OF 3



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20083-ST28

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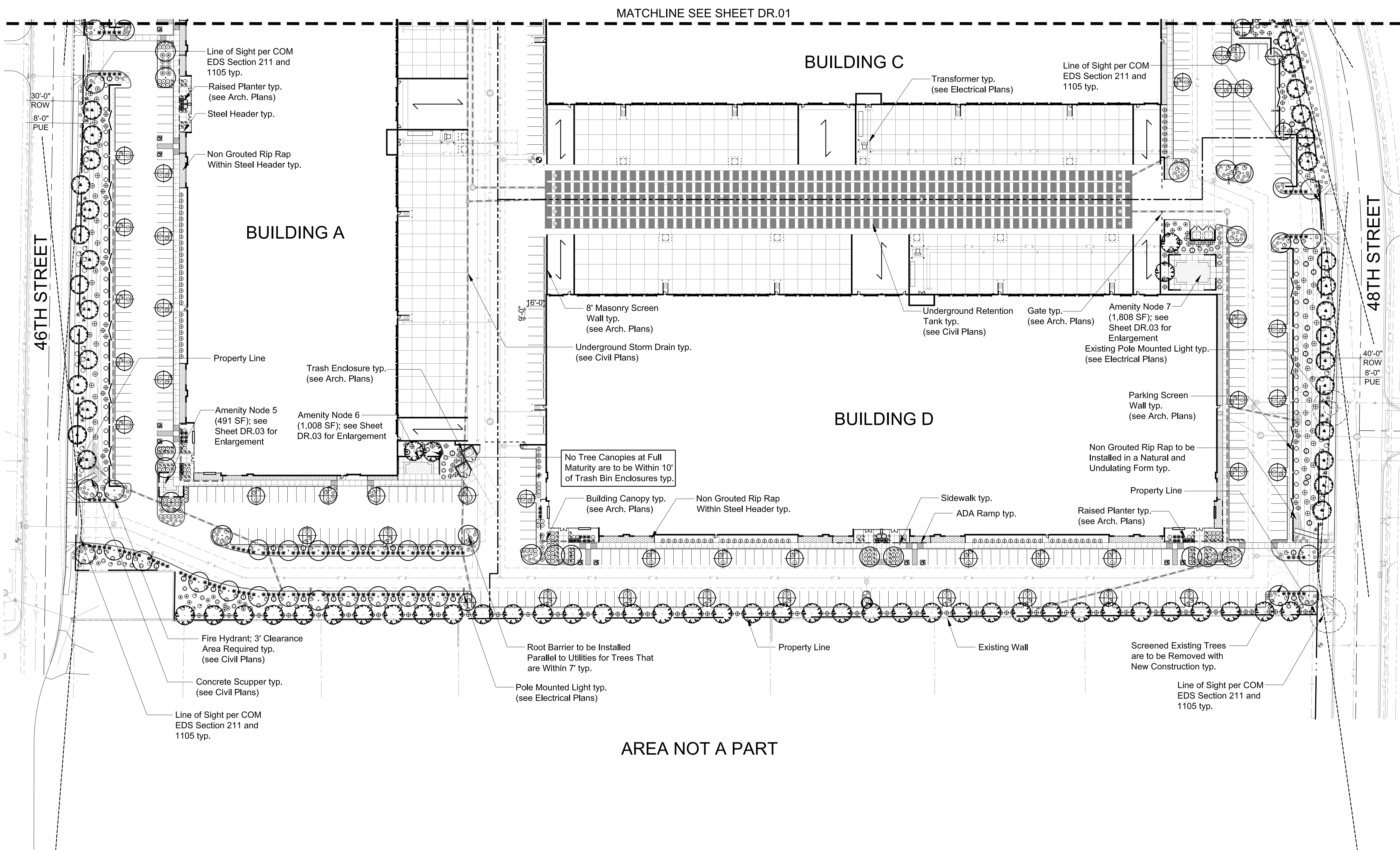
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**PRELIMINARY LANDSCAPE PLAN**

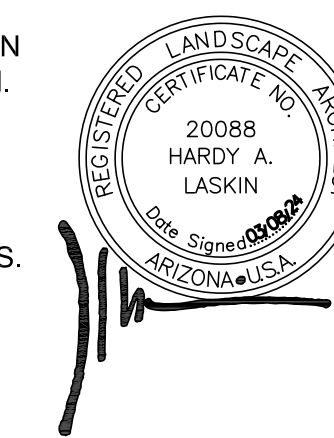


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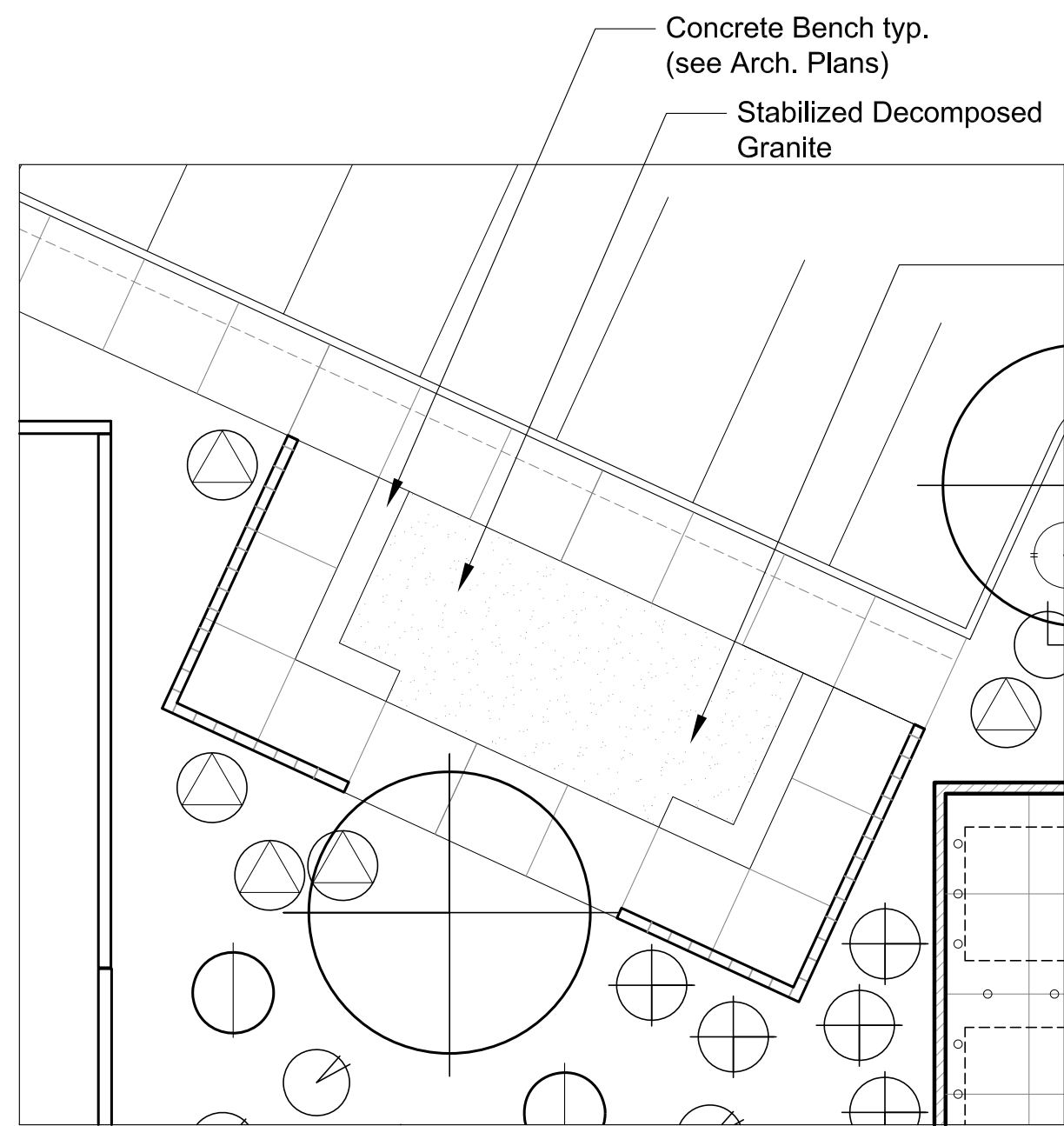


**Proposed Mixed-Use Development  
Greenfield Road and McKellips Road  
Mesa, Arizona**

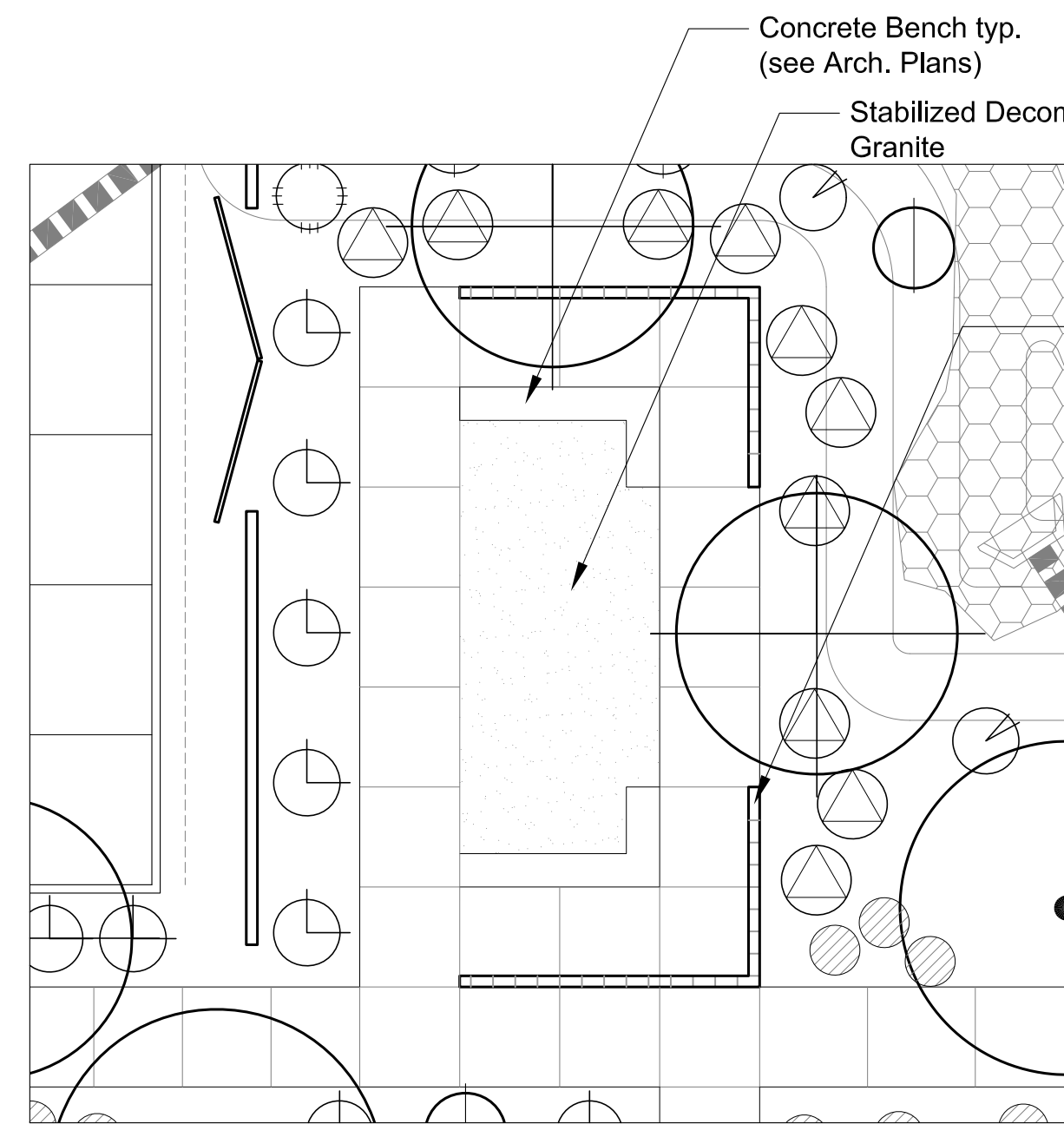
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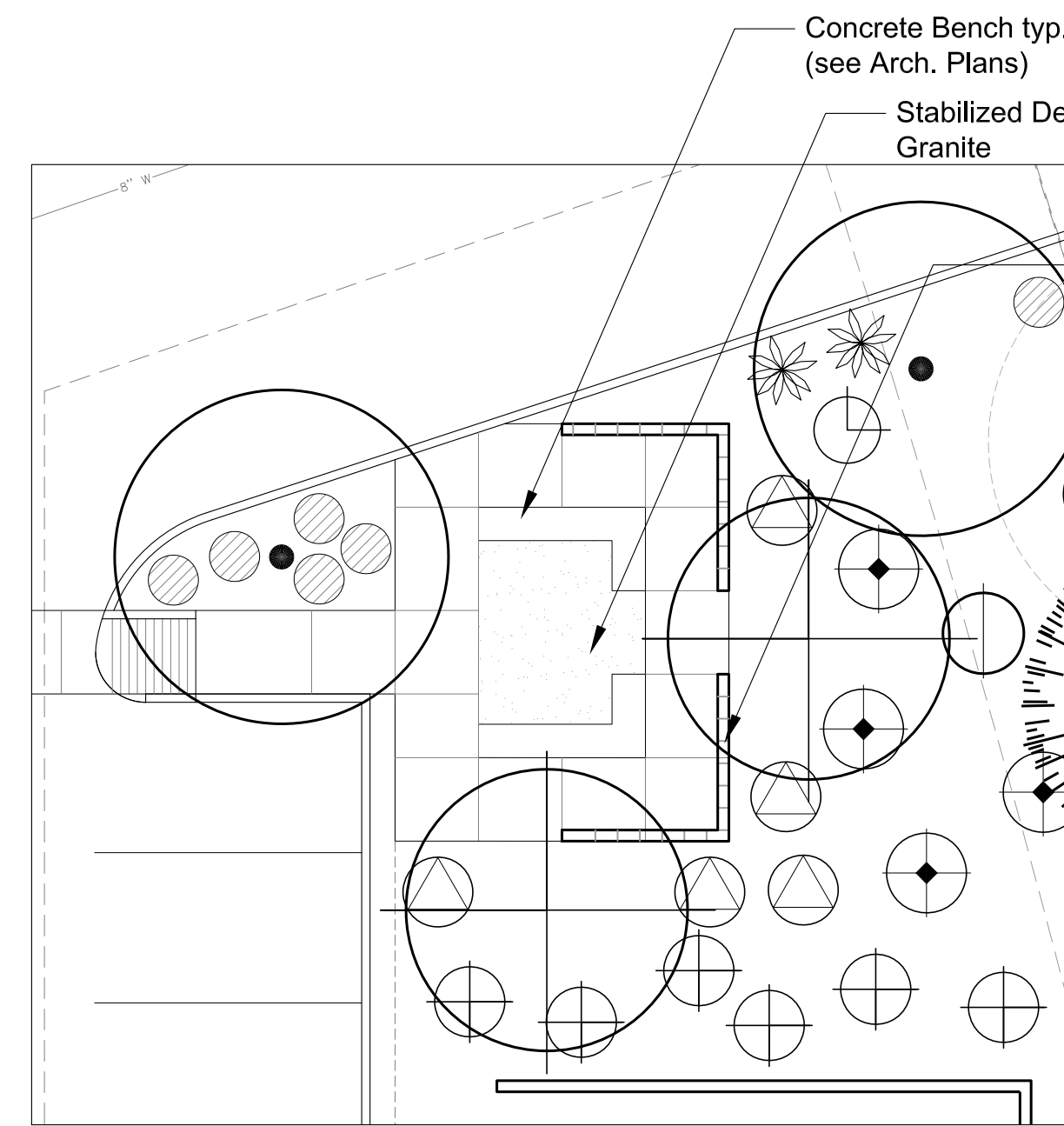
Butler Design Group, Inc  
architects & planners



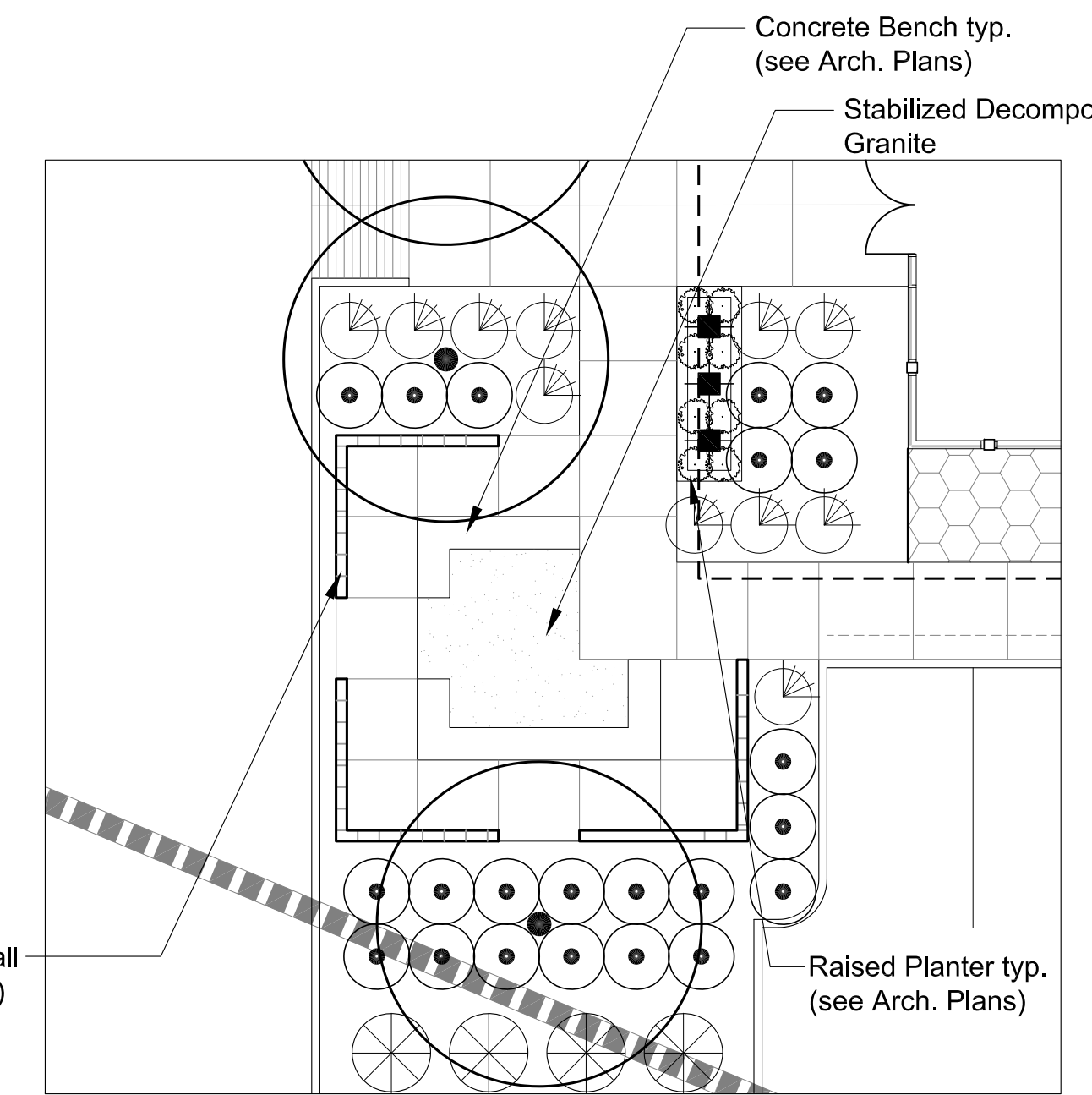
**AMENITY NODE 1 AND 2**  
SCALE: 1" = 10'-0"



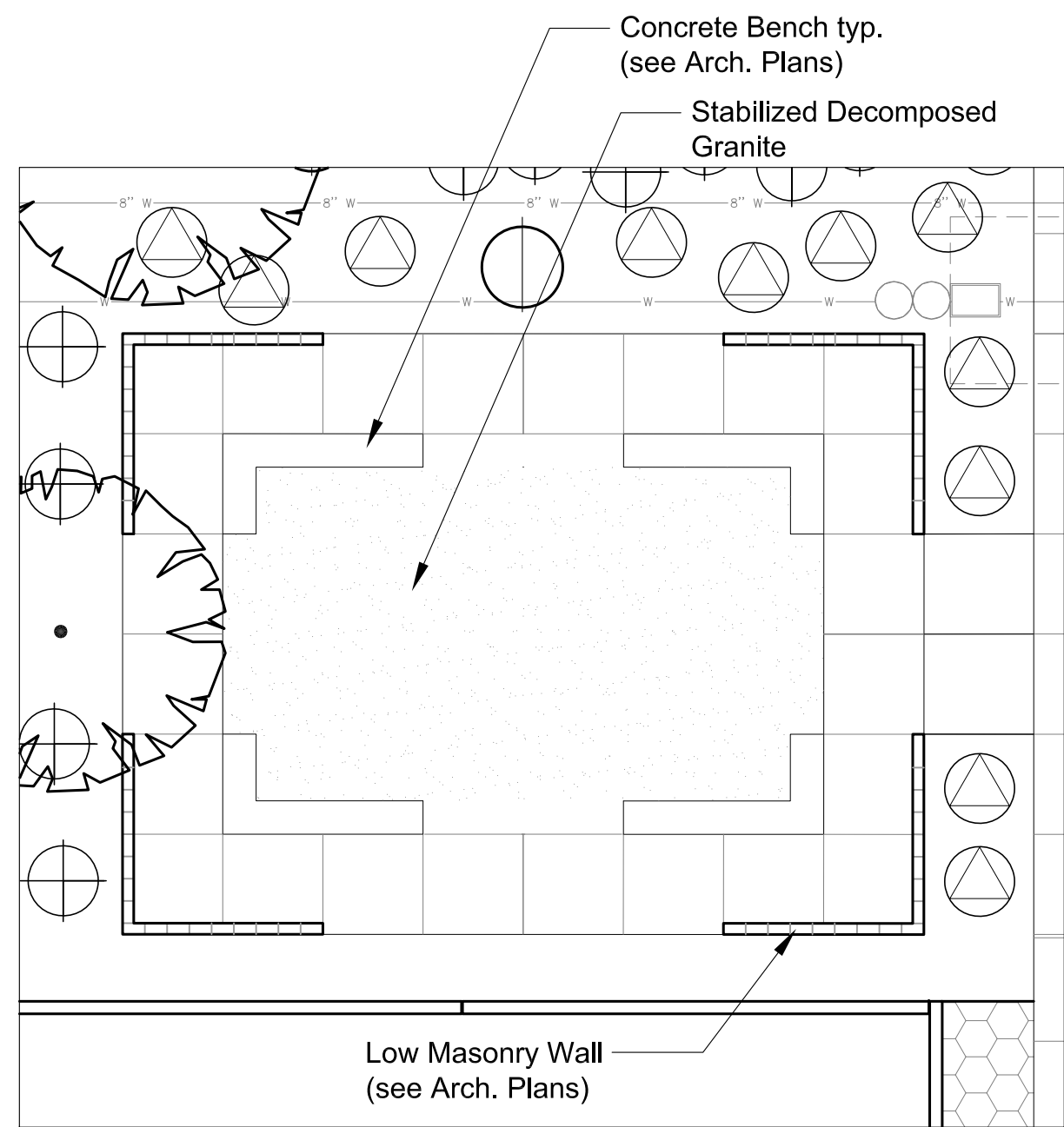
**AMENITY NODE 3 AND 6**  
SCALE: 1" = 10'-0"



**AMENITY NODE 4**  
SCALE: 1" = 10'-0"



**AMENITY NODE 5**  
SCALE: 1" = 10'-0"



**AMENITY NODE 7**  
SCALE: 1" = 10'-0"

**SHADE COVERAGE CALCULATIONS**

TOTAL SIDEWALK SF FOR ENTIRE SITE: 52,984 SF	
TOTAL TREES ADJACENT TO SIDEWALK ROUTE: 176	
<b>TREE BREAKDOWN:</b>	
- PARKINSONIA HYBRID 'DESERT MUSEUM'	
- 25' DIAMETER CANOPY AT MATURITY (491 SF)	
- TOTAL: 56	
PROSOPIS ALBA HYBRID	
- 25' DIAMETER CANOPY AT MATURITY (491 SF)	
- TOTAL: 45	
QUERCUS VIRGINIANA 'HERITAGE'	
- 20' DIAMETER CANOPY AT MATURITY (491 SF)	
- TOTAL: 51	
CAESALPINIA MEXICANA	
- 10' DIAMETER CANOPY AT MATURITY (79 SF)	
- TOTAL: 01	
ULMUS PARVIFOLIA 'SEMPERVIRENS'	
- 25' DIAMETER CANOPY AT MATURITY (491 SF)	
- TOTAL: 24	
TOTAL SF OF TREE CANOPIES AT MATURITY: 86,495 SF	
ASSUMING 33% OF TREE CANOPY SF WILL SHADE SIDEWALK	
TOTAL NUMBER OF TREES WILL SHADE 28,543 SF OF SIDEWALK	
52,984 SF OF SIDEWALK / 28,381 SF OF SHADE: 53.9% COVERAGE	

**PROJECT DATA**

APN#:	141-34-002H
Property Address:	1919 N. 46th ST. Mesa, AZ 85205
Existing Zoning:	LI
Net Site Area:	1,457,891 S.F. (33.47 AC.)
Additional ROW Dedication:	11,936 S.F. (0.27AC.)
New Net Site Area:	1,445,955 S.F. (33.19 AC.)
Retail Building Area:	6,929 S.F.
Industrial Building Area:	551,500 S.F.
Total Building Area:	558,429 S.F.
Building Coverage:	38.6%

**PROJECT DATA - INDUSTRIAL**

Net Site Area:	1,330,255 SF. (30.54 AC)
Building Area:	551,500 SF.
Coverage:	41.5%
Ped Node/Open Space Required (1%):	5,515 SF.
Ped Node/Open Space Provided:	6,320 SF.
<b>PARKING REQUIRED:</b>	
Office 25% (104,000 S.F.) @ 1/375 S.F.:	368 Spaces
Warehouse 75% (413,625 S.F.) @ 1/900 S.F.:	460 Spaces
Total Parking Required:	827 Spaces
Parking Provided:	827 Spaces
ADA Parking Required:	17 Spaces
ADA Parking Provided:	28 Spaces
Max Building Height Allowed:	40' Max.
Proposed Building Height:	45'-0" Max.

**PROJECT DATA - RETAIL**

Net Site Area:	115,700 SF. (2.66 AC)
Building Area:	6,929 SF.
Coverage:	6%
<b>PARKING REQUIRED:</b>	
Restaurant/Drive-thru (6,929 S.F.) @ 1/100 S.F.:	69 Spaces
Restaurant Patio (600 S.F.) @ 1/200 S.F.:	3 Spaces
Total Parking Required:	72 Spaces
Parking Provided:	94 Spaces
ADA Parking Required:	4 Spaces
ADA Parking Provided:	5 Spaces
Proposed Height:	26'-0"

**OPEN SPACE CALCULATIONS**

TOTAL LANDSCAPE AREA +/- 16.2%: 236,564 S.F. (5.43 ACRES)	
<b>LANDSCAPE COVERAGE:</b>	
- EVERGREEN TREES	24,200 SF
- SHADE TREES	7,600 SF
- ORNAMENTAL TREES	75 SF
- LARGE SHRUBS	25,200 SF
- MEDIUM SHRUBS	58,850 SF
- SMALL SHRUBS	3,020 SF
- GROUNDCOVER	17,900 SF
236,564 SF LS AREA / 136,845 SF OPEN SPACE COVERAGE = 57.8%	
(MINIMUM 50% REQUIRED PER 11-33-2: - GENERAL REQUIREMENTS SECTION E - OPEN SPACE)	

AMENITY NODES AREA:  
- SINGLE NODE: MINIMUM 256 S.F. (16' X 16')  
- TOTAL AMENITY NODES (7): 6,320 S.F. (0.15 ACRES)

**AMENITY NODE CALCULATIONS:**

AMENITY NODE 1	756 SF
AMENITY NODE 2	756 SF
AMENITY NODE 3	1,008 SF
AMENITY NODE 4	493 SF
AMENITY NODE 5	491 SF
AMENITY NODE 6	1,008 SF
AMENITY NODE 7	1,808 SF

<b>TOTALS</b>	
REQUIRED:	5,515 SF
PROVIDED:	6,320 SF

**FOUNDATION PLANTING REQUIREMENTS:**

BUILDING A: 1,164 LF	23 TREES REQUIRED
BUILDING B: 888 LF	18 TREES REQUIRED
BUILDING C: 836 LF	17 TREES REQUIRED
BUILDING D: 1,065 LF	21 TREES REQUIRED
PAD 1: 276 LF	6 TREES REQUIRED
PAD 2: 256 LF	5 TREES REQUIRED

**EXISTING SITE CONDITION NOTES:**

EXISTING STREETSCAPE LANDSCAPE AND IRRIGATION WAS FIELD VERIFIED ON 10/28/2023. ALL PLANT MATERIAL SHOWN WAS FOUND TO BE HEALTHY. IRRIGATION SYSTEM CURRENTLY WORKING PROPERLY. GENERAL CONTRACTOR TO HOLD A PRE-CON MEETING BETWEEN LANDSCAPE ARCHITECT AND LANDSCAPE CONTRACTOR TO REVIEW THE CURRENT CONDITION OF AREAS TO BE PROTECTED IN PLACE PRIOR TO NEW CONSTRUCTION OR AGREES TO BE HELD TO SITE CONDITIONS RECORDED ON 10/28/2023 BY LASKIN AND ASSOCIATES, INC. IF EXISTING LANDSCAPE DECLINES OR IRRIGATION SYSTEM IS DAMAGED DURING NEW CONSTRUCTION.

LOCATION	TREES		SHRUBS	
	REQUIRED	FURNISHED	REQUIRED	FURNISHED
<b>NORTH 935'-00" LF</b>				
MCKELLIPS RD				
1 TREE / PER 25' L.F.T.	38	38		
6 SHRUBS / PER 25' L.F.T.			222	369
<b>EAST 1,192'-0" LF</b>				
48TH STREET				
1 TREE / PER 25 L.F.T.	48	48		
4 SHRUBS / PER 25 L.F.T.			192	285
<b>SOUTH 1,247'-0" LF</b>				
PERMIETER				
3 TREE / PER 100 L.F.T.	38	38		
20 SHRUBS / PER 100 L.F.T.			250	281
<b>WEST 1,125'-0" LF</b>				
46TH STREET				
1 TREE / PER 25 L.F.T.	45	45		
4 SHRUBS / PER 25 L.F.T.			180	375
<b>PARKING LOT</b>				
1 TREE / PER 15' ISLAND	132	132		
3 SHRUBS / PER 15' ISLAND			396	396
<b>FOUNDATION PLANTING</b>				
1 TREE / PER 50 L.F.T.	90	90	0	0
<b>TOTAL REQD/FRNSHD</b>	<b>391</b>	<b>391</b>	<b>1,240</b>	<b>1,706</b>
<b>SIZE REQD/FURNISHED</b>				
TREES 36" BOX MIN 25%	99	109		
24" BOX MIN 50%	199	288		
15 GAL	0	0		
5 GAL	0	0		
Date Palms	0	0		
<b>TOTAL TREES</b>	<b>298</b>	<b>397</b>		
SHRUBS 15 GAL or Larger			0	
5 GAL			3,876	
1 GAL			0	
POT/FLAT			0	
Existing				
<b>TOTAL SHRUBS</b>			<b>3,876</b>	

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