

**LANDSCAPE CALCULATIONS:**

**TREE REQUIREMENTS STREET FRONTAGE**  
2,039.34 LINEAR FEET (LF):

QTY.	Required	% Provided
Total Trees:	82	1 @ 25'
Total Shrubs:	492	6 Per Tree

NOTE: Includes Willis Road Frontage

**TREE REQUIREMENTS PERIMETER (ADJACENT PROPERTY)**  
3,649.6 LINEAR FEET:

QTY.	Required	% Provided
Total Trees:	110	3 @ 100'
Total Shrubs:	734	20 @ 100'

NOTE: 3 Trees and 20 shrubs per 100 LF.

**TREE REQUIREMENTS BUILDING FOUNDATION**  
7,563 LINEAR FEET:

QTY.	Required	% Provided
Total Trees:	132	1 @ 50'

NOTE: Includes trees within 30' offset. All calculations where done per separate building and tree amounts where rounded to next whole.

**TREE REQUIREMENTS PARKING:**

QTY.	Required	% Provided
Total Trees:	250	1 tree per island
Total Shrubs:	750	3 per tree

NOTE: Parking island every 8 spaces, with 1 tree and 3 shrubs.

**STREET FRONTAGE TREES BY SIZE / PERCENTAGE:**

QTY.	% Required	% Provided
Total Trees:	82	-
15 gal	20	24.4%
24" box	41	50%
36" box	21	25.6%

**PERIMETER (ADJACENT PROPERTY) TREES BY SIZE / PERCENTAGE:**

QTY.	% Required	% Provided
Total Trees:	110	-
15 gal	55	50%
24" box	55	50%
36" box	-	-

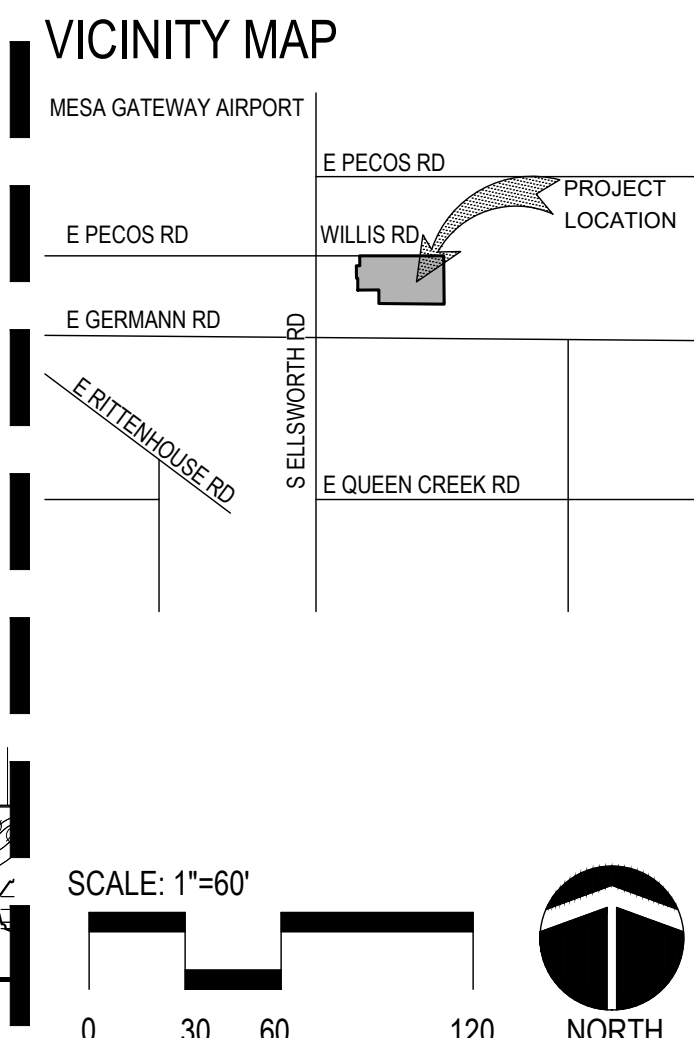
**FOUNDATION TREES BY SIZE / PERCENTAGE:**

QTY.	% Required	% Provided
Total Trees:	132	-
15 gal	-	-
24" box	116	87.88%
36" box	16	12.12%

NOTE: Includes trees within 30' offset. All calculations where done per separate building and tree amounts where rounded to next whole.

**PARKING TREES BY SIZE / PERCENTAGE:**

QTY.	% Required	% Provided
Total Trees:	250	-
15 gal	-	-
24" box	225	90%
36" box	25	10%



**PLANT MATERIAL SCHEDULE**

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY	COMMENTS
<b>TREES</b>					
	<i>Chitalpa tashkentensis</i>	Chitalpa	15 gal	43	STANDARD
	<i>Pistachia x 'Red Push'</i>	Red Push Pistache	15 gal	9	STANDARD
	<i>Prosopis chilensis</i>	Chilean "Thornless" Mesquite	15 gal	125	MULTI-TRUNK
	<i>Ulmus parvifolia</i>	Evergreen Elm	24" box	33	STANDARD
	<i>Quercus virginiana</i>	Live Oak	24" box	10	STANDARD
	<i>Acacia aneura</i>	Mulga	24" box	26	STANDARD
<b>ACCENT TREES</b>					
	<i>Caesalpinia mexicana</i>	Mexican Bird of Paradise	15 gal	100	STANDARD
	<i>Chilopsis linearis 'Bubba'</i>	Bubba Desert Willow	15 gal	69	STANDARD
	<i>Sophora secundiflora</i>	Texas Mountain Laurel	15 gal	22	STANDARD
<b>ACCENTS, GRASSES AND CACTI</b>					
	<i>Aloe barbadensis</i> / Aloe Vera	Aloe (Yellow Blooming Variety)	5 gallon	89	
	<i>Agave desmetiana</i>	Tropical Agave	5 gallon	43	
	<i>Opuntia violacea 'Santa Rita'</i>	Purple Prickly Pear	5 gallon	39	
	<i>Asclepias subulata</i>	Desert Milkweed	5 gallon	84	
	<i>Fouquieria splendens</i>	Ocotillo	8' H	11	10 CANE MIN.
	<i>Dasyliion wheeleri</i>	Desert Spoon	5 gallon	100	
	<i>Hesperaloe parviflora</i>	Red Yucca	5 gallon	196	
	<i>Muhlenbergia rigens</i>	Deer Grass	5 gallon	469	
	<i>Hesperaloe funifera</i>	Giant Hesperaloe	5 gallon	113	
<b>SHRUBS</b>					
	<i>Eremophila maculata 'valentine'</i>	Valentine Emu Bush	5 gallon	128	
	<i>Ruellia peninsularis</i>	Baja Ruellia	5 gallon	228	
	<i>Dodonea viscosa</i>	Hop Bush	5 gallon	332	
	<i>Encelia farinosa</i>	Brittle Bush	5 gallon	114	
	<i>Justicia californica</i>	Chuparosa	5 gallon	209	
	<i>Leucophyllum frutescens 'Green Cloud'</i>	Green Cloud Texas Ranger	5 gallon	196	
	<i>Simmondsia chinensis</i>	Jojoba	5 gallon	134	
	<i>Nerium oleander 'Petite Red'</i>	Petite Red Oleander	5 gallon	200	
	<i>Tecoma stans 'Yellow Bells'</i>	Yellow Bells Tecoma	5 gallon	267	
	<i>Caesalpinia pulcherrima</i>	Red Bird of Paradise	5 gallon	191	
<b>GROUNDCOVERS:</b>					
	<i>Acacia redolens 'Desert Carpet'</i>	Desert Carpet Acacia	1 gallon	192	
	<i>Lantana 'New Gold'</i>	New Gold Lantana	1 gallon	253	
	<i>Dalea greggii</i>	Trailing Dalea	1 gallon	97	
	<i>Penstemon eatonii</i>	Firecracker Penstemon	1 gallon	65	
	<i>Callistemon viminalis 'Little John'</i>	Little John Brittle Bush	1 gallon	153	
<b>ROCK MULCH:</b>					
	DG	1/2" Screened, "Carnel" by Rock Pros	2" Deep in all Landscape Areas	795,000 SF	
<b>BOULDERS:</b>					
	Granite Boulders - Surface Select	Small (1'x1'), Medium (1'x2'), & Large (2'x3')		13, 9, 8	

**PRELIMINARY LANDSCAPE PLAN**

**The Brickyards on Ellsworth**

PREPARED FOR: WARE MALCOMB  
MESA, ARIZONA

DATE: 03.01.23

REVISION:

DATE: \_\_\_\_\_

**PRELIMINARY LANDSCAPE**

SHEET 01 OF 02

L-1

Call at least two full working days before you begin excavation.

**ARIZONA 811**

Arizona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5349)  
In Maricopa County: (602) 263-1100

**Studio DPA**  
Planning and Landscape Architecture  
P.O. Box 3489 - Gilbert, AZ 85299  
480.577.5818 | 602.568.6606  
www.studioDPA.com





