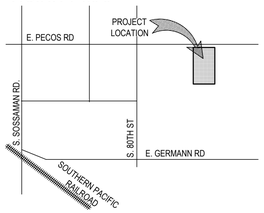
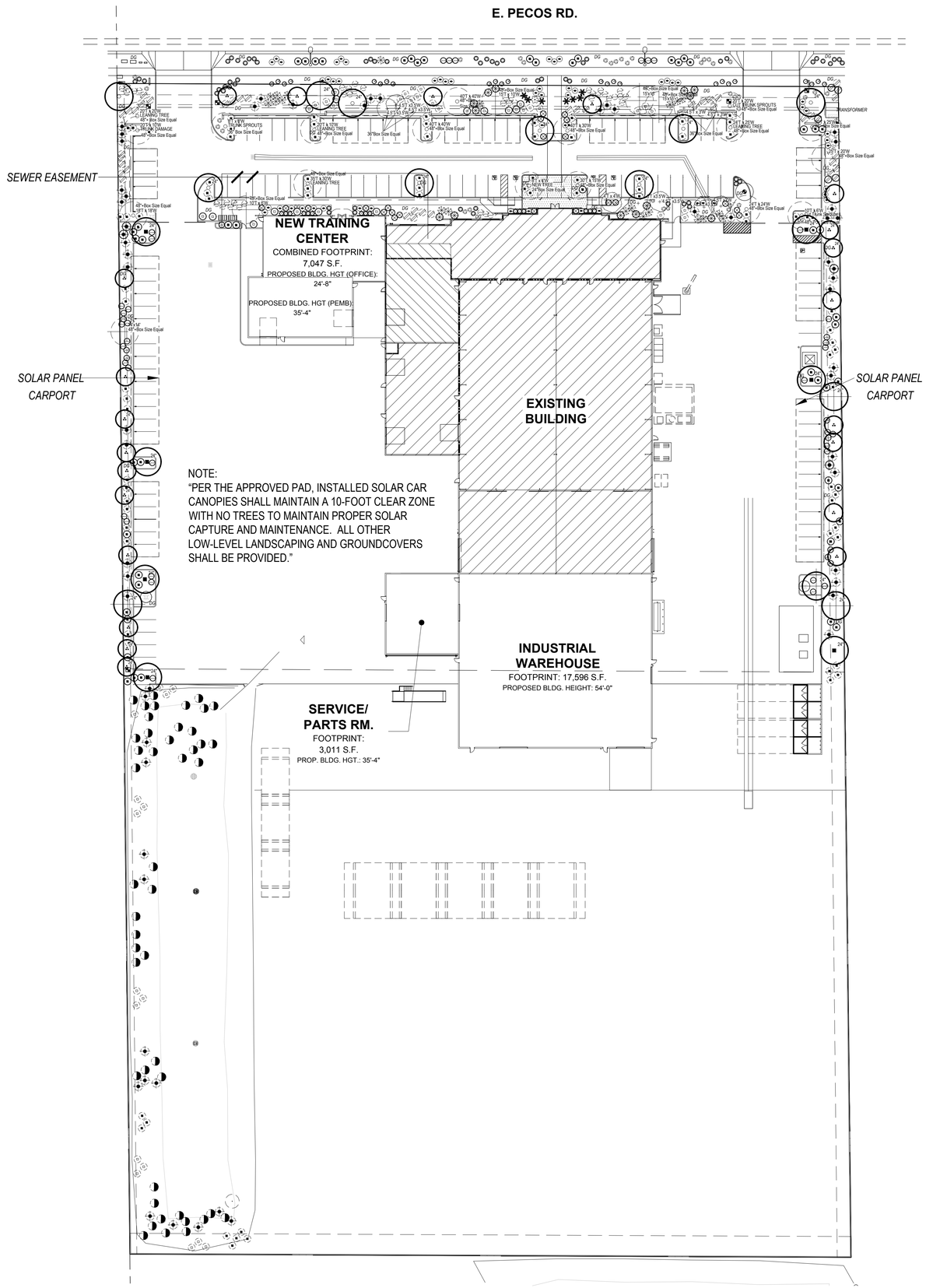
EXISTING PLANT MATERIAL SCHEDULE

SYMBOL	BOTANICAL NAME / COMMON NAME
TREES:	
	Existing Tree to Remain
SIZE NOTE	*Parkinsonia florida* Blue palo Verde
SIZE	*Olneya tesota* Ironwood
	Sophora secundiflora Texas Mountain Laurel
ACCENTS, GRASSES AND CACTI	
	Agave americana var. marginata Variegated Century Plant
	Clumping Aloe Clumping Aloe
	Dasylirion wheeleri Desert Spoon
	Hesperaloe parviflora Red Yucca
SHRUBS	
	Ruellia peninsularis Desert Ruellia
	Tecoma x 'Orange Jubilee' Orange Jubilee Tecoma Hybrid
	Leucophyllum frutescens Texas Sage
	Caesalpinia pulcherrima Red Bird of Paradise
	Baccharis sarothroides Desert Broom
GROUNDCOVERS:	
	Lantana 'New Gold' New Gold Lantana

VICINITY MAP



0 20 40 80 NORTH



NOTE:
"PER THE APPROVED PAD, INSTALLED SOLAR CAR CANOPIES SHALL MAINTAIN A 10-FOOT CLEAR ZONE WITH NO TREES TO MAINTAIN PROPER SOLAR CAPTURE AND MAINTENANCE. ALL OTHER LOW-LEVEL LANDSCAPING AND GROUNDCOVERS SHALL BE PROVIDED."

PLANT MATERIAL SCHEDULE

SYMBOL	BOTANICAL NAME / COMMON NAME	SIZE	QTY	COMMENTS
TREES:				
24"	*Quercus virginiana* Live Oak	24" box	8	STANDARD
24"	*Olneya tesota* Ironwood	24" box	5	MULTI
24"	*Chitalpa tashkentensis* Chitalpa	24" box	7	STANDARD
24"	*Acacia aneura* Mulga	15 gal. 24" box	16 6	STANDARD
ACCENTS, GRASSES AND CACTI				
	Agave desmettiana Smooth Agave		7	
	Aloe x 'Blue Elf' Blue Elf Aloe		15	
	Dasylirion wheeleri Desert Spoon		13	
	Hesperaloe parviflora Red Yucca		45	
SHRUBS				
	Ruellia peninsularis Desert Ruellia		51	
	Tecoma x 'Orange Jubilee' Orange Jubilee Tecoma Hybrid		15	
	Leucophyllum frutescens Texas Sage		5	
	Caesalpinia pulcherrima Red Bird of Paradise		4	
	Justicia californica Chuparosa		22	
	Eremophila hygrophana Blue Bells Blue Bells		54	
GROUNDCOVERS:				
	Lantana 'New Gold' New Gold Lantana	1 gallon	57	
	Myoporum parvifolium Myoporum	1 gallon	24	
ROCK MULCH:				
DG	*1/2" Screened, ROCKPROS Apache Gold 2" Deep in all Landscape Areas*		38,260 SF	

LANDSCAPE CALCULATIONS:

TREE REQUIREMENTS STREET FRONTAGE
438.44 LINEAR FEET (LF):

	QTY.	Required	% Provided
Total Trees:	18	1 @ 25'	1 @ 25'
Total Shrubs:	108	6 Per Tree	6 Per Tree

NOTE: Includes E. Pecos Road Frontage and all existing trees

TREE REQUIREMENTS PERIMETER (ADJACENT PROPERTY)
859.71 LINEAR FEET:

	QTY.	Required	% Provided
Total Trees:	26	3 @ 100'	3 @ 100'
Total Shrubs:	172	20 @ 100'	20 @ 100'

NOTE: 3 Trees and 20 shrubs per 100 LF.

TREE REQUIREMENTS BUILDING FOUNDATION
88.66 LINEAR FEET:

	QTY.	Required	% Provided
Total Trees:	2	1 @ 50'	1 @ 50'

NOTE: Includes trees within 30' offset Including all existing trees.

TREE REQUIREMENTS PARKING:

	QTY.	Required	% Provided
Total Trees:	25	1 tree per Island	1 tree per island
Total Shrubs:	75	3 per tree	3 per tree

NOTE: 25 Parking islands with 1 tree and 3 shrubs. This calculation includes existing trees.

STREET FRONTAGE TREES BY SIZE / PERCENTAGE:

	QTY.	% Required	% Provided
Total Trees:	*18*	-	-
15 gal	*4*	*25%*	*22.2%*
24" box	*4*	*50%*	*22.2%*
36" box	*10*	*25%*	*55.5%*

PERIMETER (ADJACENT PROPERTY) TREES BY SIZE/ PERCENTAGE:

	QTY.	% Required	% Provided
Total Trees:	*26*	-	-
15 gal	*12*	*50%*	*46.2%*
24" box	*14*	*50%*	*53.8%*
36" box	-	-	-

FOUNDATION TREES BY SIZE / PERCENTAGE:

	QTY.	% Required	% Provided
Total Trees:	*3*	-	-
15 gal	-	-	-
24" box	*1*	*90%*	*33%*
36" box	*2*	*10%*	*66%*

PARKING TREES BY SIZE / PERCENTAGE:

	QTY.	% Required	% Provided
Total Trees:	*25*	-	-
15 gal	-	-	-
24" box	*12*	*90%*	*48%*
36" box	*13*	*10%*	*52%*

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 (782-5348)
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

REGISTERED LANDSCAPE ARCHITECT 38386 TIM J. DAUGHERTY 05.30.24 Signed / Expires ARIZONA U.S.A.

DATE: 05.30.24

PRELIMINARY LANDSCAPE PLAN

METSO OUTOTEC USA

PREPARED FOR: WARE MALCOMB

8223 EAST PECOS ROAD MESA, ARIZONA 85212

DATE: REVISION: 1 2 3 4 5 6 7 8 9

PRELIMINARY LANDSCAPE

SHEET 01 OF 01

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