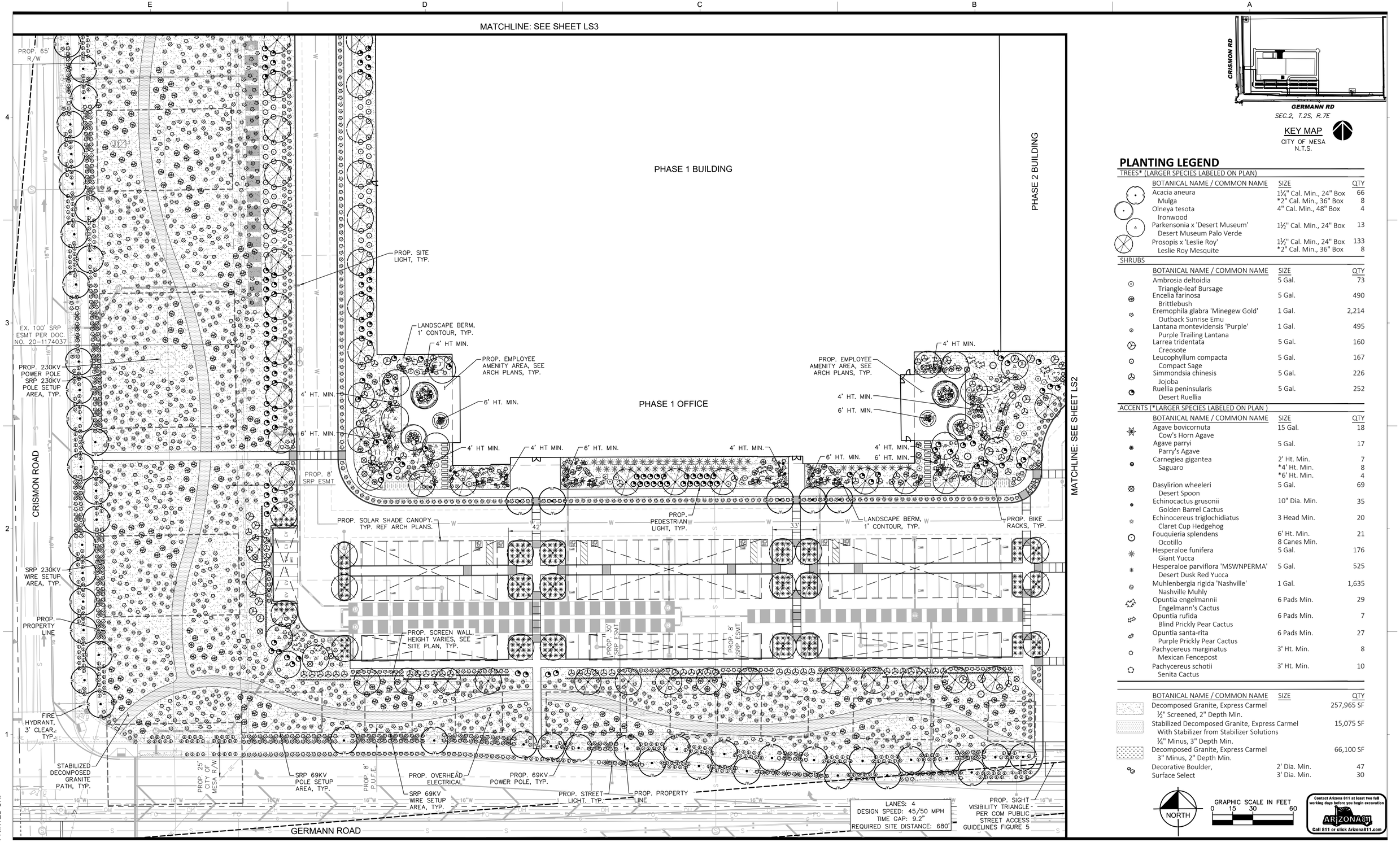


KEY MAP
CITY OF MESA
N.T.S.

PLANTING LEGEND

TREES* (LARGER SPECIES LABELED ON PLAN)

BOTANICAL NAME / COMMON NAME	SIZE	QTY
Acacia aneura Mulga	1½" Cal. Min., 24" Box *2" Cal. Min., 36" Box	66 8
Olneya tesota Ironwood	4" Cal. Min., 48" Box	4
Parkensonia x 'Desert Museum' Desert Museum Palo Verde	1½" Cal. Min., 24" Box	13
Prosopis x 'Leslie Roy' Leslie Roy Mesquite	1½" Cal. Min., 24" Box *2" Cal. Min., 36" Box	133 8

SHRUBS

BOTANICAL NAME / COMMON NAME	SIZE	QTY
Ambrosia deltoidia Triangle-leaf Bursage	5 Gal.	73
Encelia farinosa Brittlebush	5 Gal.	490
Eremophila glabra 'Minegew Gold' Outback Sunrise Emu	1 Gal.	2,214
Lantana montevidensis 'Purple' Purple Trailing Lantana	1 Gal.	495
Larrea tridentata Creosote	5 Gal.	160
Leucophyllum compacta Compact Sage	5 Gal.	167
Simmondsia chinesis Jojoba	5 Gal.	226
Ruellia peninsularis Desert Ruellia	5 Gal.	252

ACCENTS (*LARGER SPECIES LABELED ON PLAN)

BOTANICAL NAME / COMMON NAME	SIZE	QTY
Agave bovicornuta Cow's Horn Agave	15 Gal.	18
Agave parryi Parry's Agave	5 Gal.	17
Carnegiea gigantea Saguaro	2' Ht. Min. *4' Ht. Min. *6' Ht. Min.	7 8 4
Dasylirion wheeleri Desert Spoon	5 Gal.	69
Echinocactus grusonii Golden Barrel Cactus	10" Dia. Min.	35
Echinocereus triglochidiatus Claret Cup Hedgehog	3 Head Min.	20
Fouquieria splendens Ocotillo	6' Ht. Min. 8 Canes Min.	21
Hesperaloe funifera Giant Yucca	5 Gal.	176
Hesperaloe parviflora 'MSWNPERMA' Desert Dusk Red Yucca	5 Gal.	525
Muhlenbergia rigida 'Nashville' Nashville Muhly	1 Gal.	1,635
Opuntia engelmannii Engelmann's Cactus	6 Pads Min.	29
Opuntia rufida Blind Prickly Pear Cactus	6 Pads Min.	7
Opuntia santa-rita Purple Prickly Pear Cactus	6 Pads Min.	27
Pachycereus marginatus Mexican Fencepost	3' Ht. Min.	8
Pachycereus schotii Senita Cactus	3' Ht. Min.	10

BOTANICAL NAME / COMMON NAME	SIZE	QTY
Decomposed Granite, Express Carmel ½" Screened, 2" Depth Min.		257,965 SF
Stabilized Decomposed Granite, Express Carmel With Stabilizer from Stabilizer Solutions ¼" Minus, 3" Depth Min.		15,075 SF
Decomposed Granite, Express Carmel 3" Minus, 2" Depth Min.		66,100 SF
Decorative Boulder, Surface Select	2' Dia. Min. 3' Dia. Min.	47 30

NORTH

GRAPHIC SCALE IN FEET
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MECHANICAL / PLUMBING / FIRE PROTECTION / ELECTRICAL ENGINEER:
CIVIL ENGINEER & LANDSCAPE ARCHITECT:
Kimley»Horn

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PHONE: 602-944-5500 FAX: 602-944-7423
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SEAL:

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO. 60494
ANDREW A. VALESTIN
Date Signed 10/18/2022
ARIZONA U.S.A.

PROJECT:

JX NIPPON MINNING AND METAL

10430 E. GERMANN RD, MESA, ARIZONA 85212

PROJECT EARL

DATE	#	REMARKS

REVISIONS:

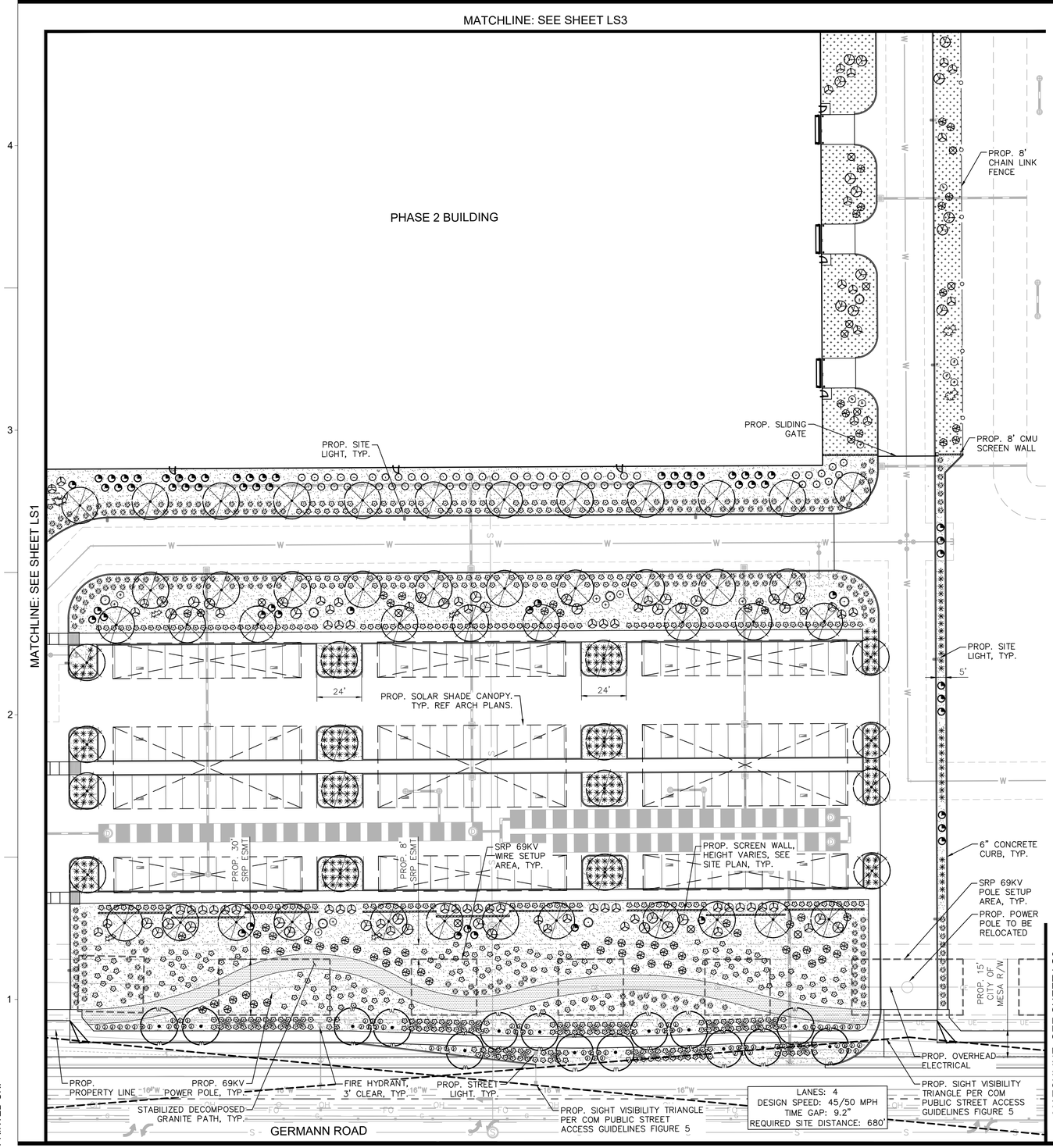
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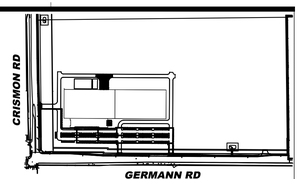
PRELIMINARY LANDSCAPE PLAN

PROJECT NO.:	291550002
PROJECT MANAGER:	
PROJECT DESIGNER:	
DRAWN BY:	JAJ
CHECKED BY:	AAV
SCALE:	1"=30'

SHEET: LS-1

1 OF 4





KEY MAP
CITY OF MESA
N.T.S.

LANDSCAPE REQUIREMENTS

REQUIREMENT	REQUIRED	PROVIDED
PERIMETER LANDSCAPE		
NORTH PERIMETER		
• UNDEVELOPED LAND	5' LANDSCAPE STRIP MIN.	PROVIDED
WEST PERIMETER - CRISMON ROAD:		
• CITY OF MESA ROW	755 LF = 31 TREES, 186 SHRUBS	755 LF = 31 TREES, 508 SHRUBS
• URBAN PRINCIPAL ARTERIAL	25% @ 36" BOX = 8 TREES	25% @ 36" BOX = 8 TREES
• 1 TREE / 25 LF, 6 SHRUBS / 25 LF	50% @ 5 GAL. = 93 SHRUBS	50% @ 5 GAL. = 93 SHRUBS
SOUTH PERIMETER - GERMANN ROAD:		
• TOWN OF QUEEN CREEK ROW	1,080 LF = 36 TREES, 216 SHRUBS	1,080 LF = 36 TREES, 699 SHRUBS
• URBAN PRINCIPAL ARTERIAL	UP TO TWO (2) TREE SPECIES	ONE (1) TREE SPECIES PROVIDED
• 1 TREE / 30 LF, 6 SHRUBS / 25 LF	50% SHADING (6,680 SF)	53.3% (3,562 SF) SHADING PROVIDED
EAST PERIMETER		
• UNDEVELOPED LAND	5' LANDSCAPE STRIP MIN.	PROVIDED
INTERIOR PARKING LOT		
PARKING ISLANDS	43 ISLANDS =	
• 1 TREE, 3 SHRUBS / ISLAND	43 TREES, 129 SHRUBS	43 TREES , 495 SHRUBS
MIN. 10% PARKING LOT TREES = 36" BOX	43 TREES TOTAL = 5 - 36" BOX TREES	5 - 36" BOX TREES
RETENTION BASIN		
• LANDSCAPE IN ALL AREAS OF BASIN (SLOPE, TOP AND BOTTOM)		PROVIDED
FOUNDATION BASE		
• 10% OF TREES: 36" BOX	3 TREES (36" BOX)	3 TREES (36" BOX)
• 25% MIN. LANDSCAPE AREA OF ADJACENT WALL (1,469 LF)	387 LF LANDSCAPE	760 LF LANDSCAPE
WEST FOUNDATION (443 LF)	111 LF	443 LF
• 1 TREE / 50 LF	9 TREES	15 TREES
NORTH FOUNDATION (98 LF)	25 LF	82 LF
• 1 TREE / 50 LF	2 TREES	2 TREES
SOUTH FOUNDATION (928 LF)	232 LF	881 LF
• 1 TREE / 50 LF	19 TREES	24 TREES
OPEN SPACE		
50% LIVE COVERAGE (257,965 SF)	128,983 SF	134,905 SF
• SHADE TREES	• 50 CREDITS (SF) (EACH)	• 158 PLANTS / 7,900 CREDITS (SF)
• ORNAMENTAL TREES	• 25 CREDITS (SF) (EACH)	• 74 PLANTS / 1,850 CREDITS (SF)
• LARGE SHRUBS (8' HT.)	• 50 CREDITS (SF) (EACH)	• 437 PLANTS / 21,850 CREDITS (SF)
• MEDIUM SHRUBS (4-8' HT.)	• 25 SCREDITS (SF) (EACH)	• 1,465 PLANTS / 36,625 CREDITS (SF)
• SMALL SHRUBS (<4' HT.)	• 10 CREDITS (SF) (EACH)	• 72 PLANTS / 720 CREDITS (SF)
• EVERGREEN GROUNDCOVER	• 25 CREDITS (SF) (EACH)	• 2,212 PLANTS / 55,300 CREDITS (SF)
• PERENNIAL GROUNDCOVER OR GRASSES	• 5 CREDITS (SF) (EACH)	• 2,132 PLANTS / 10,660 CREDITS (SF)

** DOES NOT INCLUDE AREAS WITHIN THE LOADING AREA / TRUCK DOCK ENCLOSURE OR 5' BUFFER LANDSCAPE AREA AT THE FAR EASTERN EDGE OF THE SITE.

PLANTING LEGEND

TREES* (LARGER SPECIES LABELED ON PLAN)

BOTANICAL NAME / COMMON NAME
Acacia aneura Mulga
Olneya tesota Ironwood
Parkensonia x 'Desert Museum' Desert Museum Palo Verde
Prosopis x 'Leslie Roy' Leslie Roy Mesquite

SHRUBS

BOTANICAL NAME / COMMON NAME
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Encelia farinosa Brittlebush
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Larrea tridentata Creosote
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Decorative Boulder, Surface Select

NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

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Date Signed 08/30/22
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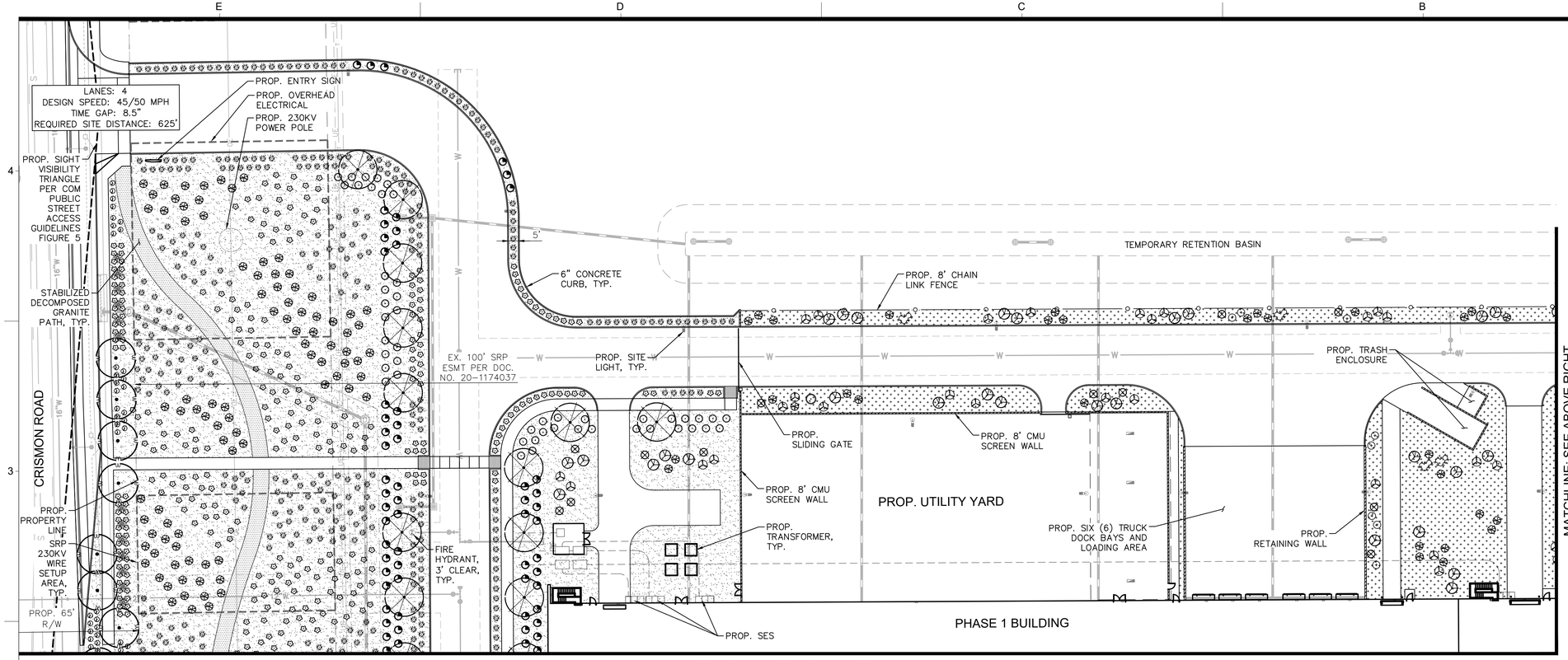
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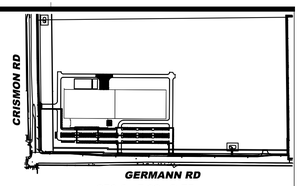
REVISIONS:

SHEET TITLE:
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PROJECT NO.:	291550002
PROJECT MANAGER:	
PROJECT DESIGNER:	
DRAWN BY:	JAJ
CHECKED BY:	AAV
SCALE:	1"=30'

SHEET: LS-2
2 OF 4





KEY MAP
CITY OF MESA
N.T.S.

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SEAL:

REGISTERED LANDSCAPE ARCHITECT
CERTIFICATE NO.
60494
ANDREW A. VALESTIN
Date Signed 10/19/2022
ARIZONA U.S.A.

PROJECT:
JX NIPPON MINNING AND METAL
10430 E. GERMANN RD, MESA, ARIZONA 85212
PROJECT EARL

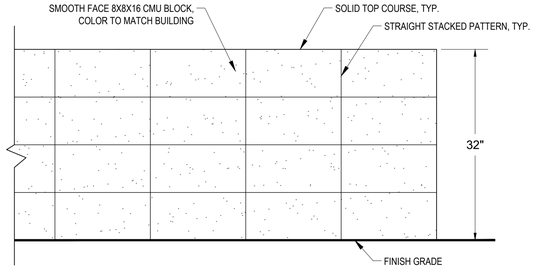
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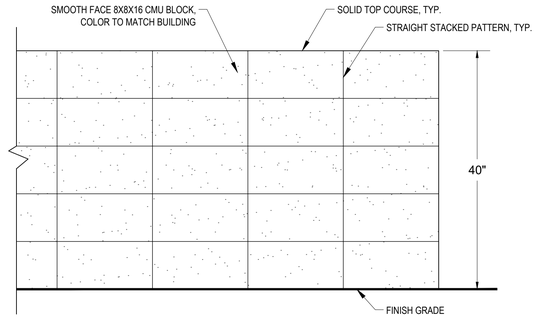
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PROJECT MANAGER:	
PROJECT DESIGNER:	
DRAWN BY:	JAJ
CHECKED BY:	AAV
SCALE:	1"=30'

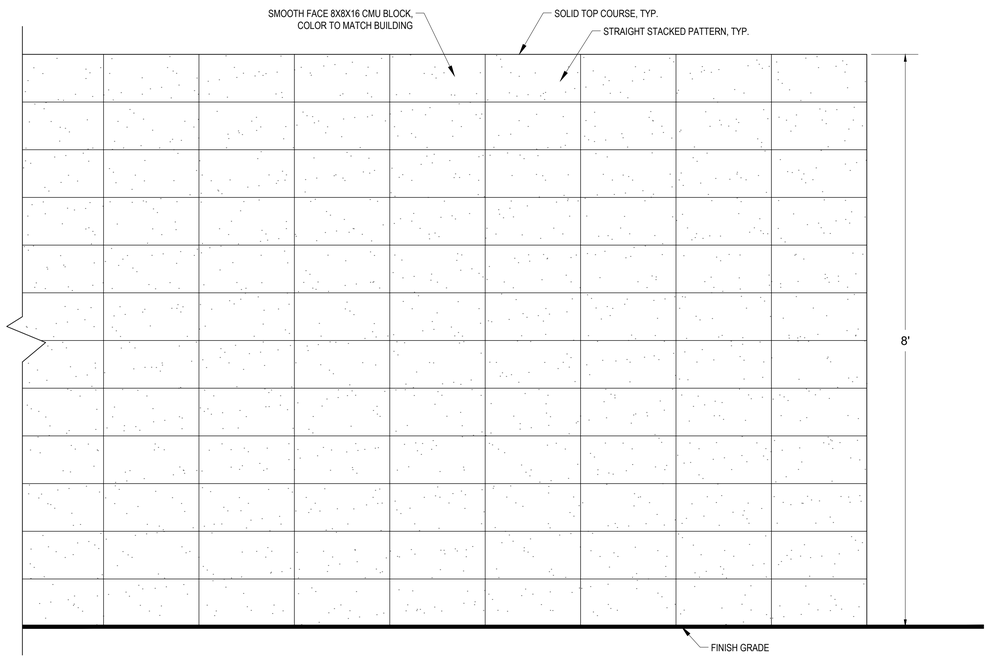
SHEET:
LS-3
3 OF 4



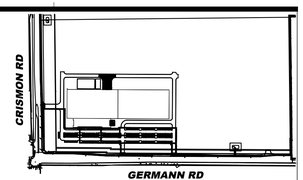
1 PARKING LOT SCREEN WALL ELEVATION - 32" HEIGHT
SCALE: N.T.S.



2 PARKING LOT SCREEN WALL ELEVATION - 40" HEIGHT
SCALE: N.T.S.



3 LOADING AREA / TRUCK DOCK SCREEN WALL
SCALE: N.T.S.



SEC.2, T.2S, R.7E

KEY MAP
CITY OF MESA
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REVISIONS:

DATE	#	REMARKS

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LANDCAPE DETAILS

PROJECT NO.:	291550002
PROJECT MANAGER:	
PROJECT DESIGNER:	
DRAWN BY:	JAJ
CHECKED BY:	AAV
SCALE:	NONE

SHEET:
LS-4
4 OF 4