

K:_VHX_Civil\191759003 - Meridian Commerce Park\CAAD\Improvement Plans\Preliminary\LS.dwg Nov 20, 2023 Jacob Jurgens
XREFS: KIM_CAD_XUT.dwg Preliminary.dwg
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LANDSCAPE REQUIREMENTS

REQUIREMENT	REQUIRED	PROVIDED
PERIMETER LANDSCAPE NORTH PERIMETER- ADOT ROW • NO BUFFER REQUIRED WEST PERIMETER - INDUSTRIAL • NO BUFFER REQUIRED SOUTH PERIMETER - INDUSTRIAL • NO BUFFER REQUIRED EAST PERIMETER • TOWN OF QUEEN CREEK ROW • URBAN PRINCIPAL ARTERIAL • 1 TREE / 30 LF, 6 SHRUBS / 25 LF	NO BUFFER REQUIRED NO BUFFER REQUIRED NO BUFFER REQUIRED	NO BUFFER REQUIRED NO BUFFER REQUIRED NO BUFFER REQUIRED
INTERIOR PARKING LOT PARKING ISLANDS • 1 TREE, 3 SHRUBS / ISLAND MIN. 10% PARKING LOT TREES = 36" BOX	133 ISLANDS = 133 TREES, 402 SHRUBS 133 TREES TOTAL = 13 - 36" BOX TREES	133 TREES , 1,457 SHRUBS 13 - 36" BOX TREES
RETENTION BASIN • LANDSCAPE IN ALL AREAS OF BASIN (SLOPE, TOP AND BOTTOM)		PROVIDED
FOUNDATION BASE • 10% OF TREES: 36" BOX BUILDING 1 (1,102 LF) • EXTERIOR WALLS (1 TREE / 50 LF) • ADJACENT WALLS 25% MIN. BUILDING 2 (993 LF) • EXTERIOR WALLS (1 TREE / 50 LF) • ADJACENT WALLS 25% MIN. BUILDING 3 (845 LF) • EXTERIOR WALLS (1 TREE/50 LF) • ADJACENT WALLS 25% MIN. BUILDING 4 (788 LF) • EXTERIOR WALLS (1 TREE/50 LF) • ADJACENT WALLS 25% MIN. BUILDING 5 (748 LF) • EXTERIOR WALLS (1 TREE/50 LF) • ADJACENT WALLS 25% MIN.	9 TREES (36" BOX) 22 TREES 256 LF LANDSCAPE 20 TREES 248 LF LANDSCAPE 17 TREES 211 LF LANDSCAPE 16 TREES 197 LF LANDSCAPE 15 TREES 187 LF LANDSCAPE	9 TREES (36" BOX) 27 TREES 1,049 LF LANDSCAPE 22 TREES 886 LF LANDSCAPE 17 TREES 662 LF LANDSCAPE 17 TREES 634 LF LANDSCAPE 15 TREES 570 LF LANDSCAPE
50% LIVE COVERAGE (386,534 SF) • EVERGREEN TREES • SHADE TREES • ORNAMENTAL TREES • LARGE SHRUBS (8' HT.) • MEDIUM SHRUBS (4-8' HT.) • SMALL SHRUBS (<4' HT.) • COLUMNAR EVERGREEN TREE • COLUMNAR EVERGREEN SHRUB • EVERGREEN GROUNDCOVER • PERENNIAL GROUNDCOVER OR GRASSES	193,267 SF • 100 CREDITS (SF) (EACH) • 50 CREDITS (SF) (EACH) • 25 CREDITS (SF) (EACH) • 50 CREDITS (SF) (EACH) • 25 SCREDITS (SF) (EACH) • 10 CREDITS (SF) (EACH) • 25 SCREDITS (SF) (EACH) • 10 CREDITS (SF) (EACH) • 25 CREDITS (SF) (EACH) • 5 CREDITS (SF) (EACH)	208,515 SF • 150 PLANTS / 15,000 CREDITS (SF) • 165 PLANTS / 8,250 CREDITS (SF) • 217 PLANTS / 5,500 CREDITS (SF) • 1,387 PLANTS / 69,350 CREDITS (SF) • 2,525 PLANTS / 63,125 CREDITS (SF) • 163 PLANTS / 1,630 CREDITS (SF) • 0 PLANTS / 0 CREDITS (SF) • 0 PLANTS / 0 CREDITS (SF) • 1,706 PLANTS / 42,650 CREDITS (SF) • 602 PLANTS / 3,010 CREDITS (SF)

FOUNDATION BASE AREA CALCULATIONS

BUILDING	BASE AREA REQUIRED	BASE AREA PROVIDED	AVERAGE DEPTH
• BUILDING 1 (1,102 LF) • BUILDING 2 (993 LF) • BUILDING 3 (845 LF) • BUILDING 4 (788 LF) • BUILDING 5 (748 LF)	• 16,530 SF • 14,895 SF • 12,675 SF • 11,820 SF • 11,220 SF	• 17,532 SF • 17,646 SF • 14,270 SF • 13,395 SF • 13,004 SF	• 15.9 LF • 17.8 LF • 16.9 LF • 17.0 LF • 17.4 LF

*PER CITY OF MESA ZONING ORDINANCE 11-33-5, FOUNDATION BASE DOES NOT INCLUDE LOADING AND SERVICES AREAS IN REAR OF EACH BUILDING

COMMON AREA CALCULATIONS

BUILDING	TOTAL REQUIRED	TOTAL PROVIDED
• BUILDING 1 (143,204 SF) • BUILDING 2 (119,433 SF) • BUILDING 3 (87,042 SF) • BUILDING 4 (75,470 SF) • BUILDING 5 (67,162 SF)	• 1,432 SF • 1,194 SF • 870 SF • 755 SF • 672 SF	• 1,632 SF • 1,504 SF • 1,104 SF • 1,066 SF • 1,101 SF

CIVIL ENGINEER

KIMLEY-HORN AND ASSOCIATES, INC.
7740 N. 16TH STREET SUITE #300
PHOENIX, AZ 85020
PH: (480) 678-3403
CONTACT: JEFF BOYD, PE
EMAIL: JEFF.BOYD@KIMLEY-HORN.COM

OWNER/DEVELOPER

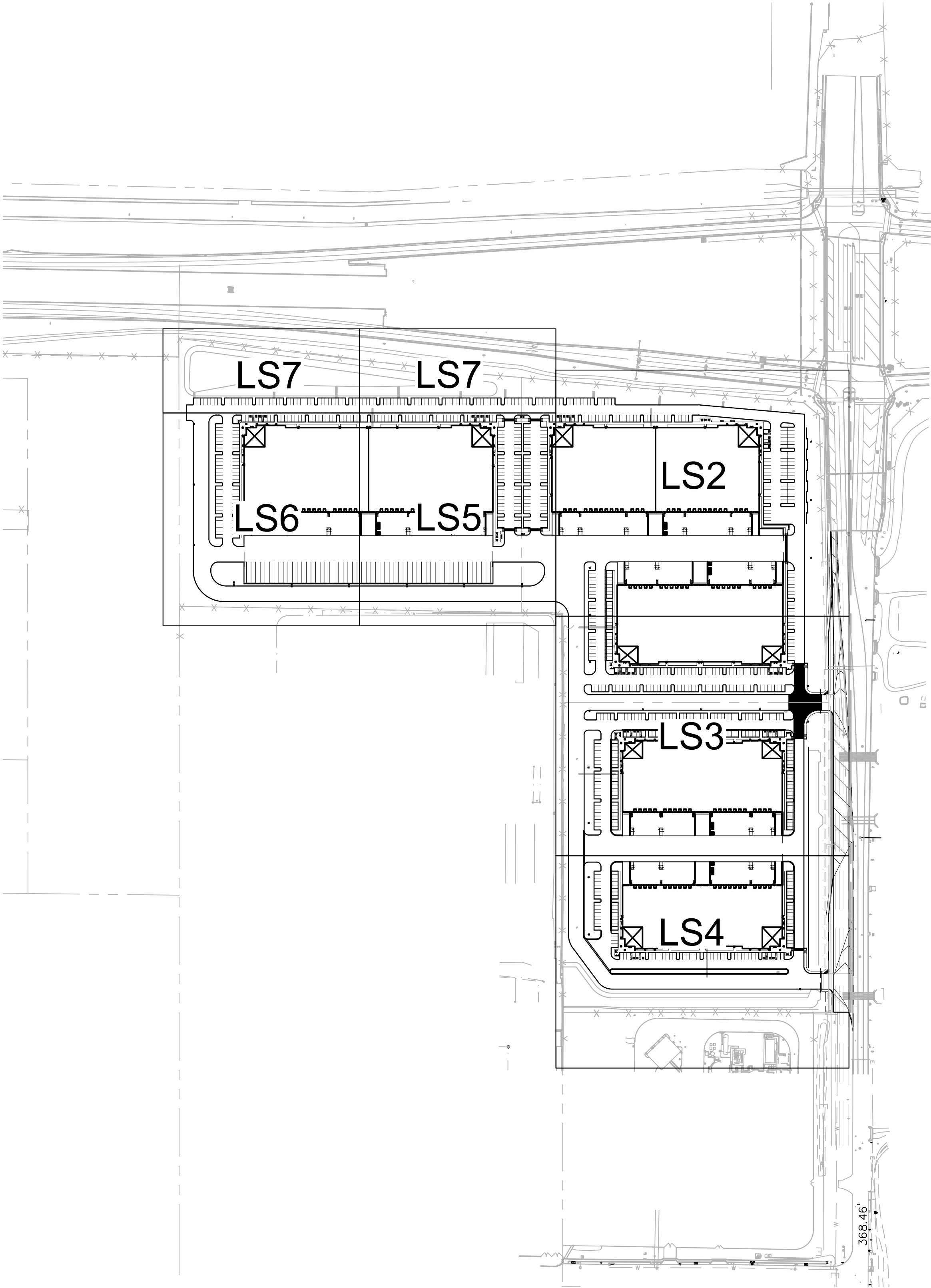
SR24MERIDIAN QOZB, LLC.
AN ARIZONA LIMITED LIABILITY COMPANY
7300 W ORCHID LN.
CHANDLER, AZ 85226

LANDSCAPE ARCHITECT

KIMLEY-HORN AND ASSOCIATES, INC
7740 N. 16TH STREET SUITE #300
PHOENIX, AZ 85020
PH: (602) 906-1103
CONTACT: ANDREW VALESTIN, PLA
EMAIL: ANDREW.VALESTIN@KIMLEY-HORN.COM

PLANTING LEGEND

TREES			
	BOTANICAL NAME / COMMON NAME	SIZE	QTY
●	Acacia aneura	1½" Cal. Min., 24" Box	120
△	Mulga		
○	Parkensonia x 'Desert Museum'	1½" Cal. Min., 24" Box	62
○	Desert Museum Palo Verde	*2" Cal. Min., 36" Box	13
○	Pistacia chinensis	1½" Cal. Min., 24" Box	161
○	Red Push Pistache	*2" Cal. Min., 36" Box	4
○	Prosopis x 'Leslie Roy'	1½" Cal. Min., 24" Box	35
○	Leslie Roy Mesquite		
○	Olneya tesota	1½" Cal. Min., 24" Box	32
○	Ironwood	*2" Cal. Min., 36" Box	8
○	Sophora secundiflora	1½" Cal. Min., 24" Box	89
○	Texas Mountain Laurel	*2" Cal. Min., 36" Box	9
SHRUBS			
	BOTANICAL NAME / COMMON NAME	SIZE	QTY
●	Bougainvillea x 'Torch Glow'	5 Gal.	199
●	Torch Glow Bougainvillea		
●	Dodonea viscosa	5 Gal.	161
●	Green Hopseed Bush		
●	Eremophila hygrophana	5 Gal.	166
●	Bluebells		
○	Melaleuca viminalis	5 Gal.	163
○	Little John Bottlebrush		
○	Ruellia peninsularis	5 Gal.	905
○	Baja Ruellia		
○	Tecoma stans 'Gold Star'	5 Gal.	704
○	Yellow Bells		
ACCENTS			
	BOTANICAL NAME / COMMON NAME	SIZE	QTY
✱	Hesperaloe funifera	5 Gal.	323
	Giant Yucca		
✱	Hesperaloe parviflora 'MSWNPERRMA'	5 Gal.	1,454
	Desert Dusk Red Yucca		
✱	Muhlenbergia rigens	5 Gal.	602
	Deer Grass		
GROUNDCOVERS			
	BOTANICAL NAME / COMMON NAME	SIZE	QTY
✱	Eremophila glabra 'Mingenew'	1 Gal.	1,706
	Outback Sunrise Emu		
MATERIALS			
	DESCRIPTION		QTY
●	Decomposed Granite		386,535 SF
	3" Minus, Express Caramel, 2" Depth Min.		



6550 S. MERIDIAN ROAD MESA, ARIZONA 85212

MERIDIAN COMMERCE PARK

PRELIMINARY LANDSCAPE COVER

SCALE (H)1"=200'

SCALE (V)NONE

DESIGNED BY: JAJ

DRAWN BY: JMW

CHECKED BY: AAV

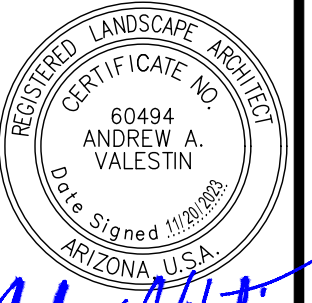
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Phoenix, Arizona 85020 (602) 944-5500



PROJECT NO.

191759003

DRAWING NAME

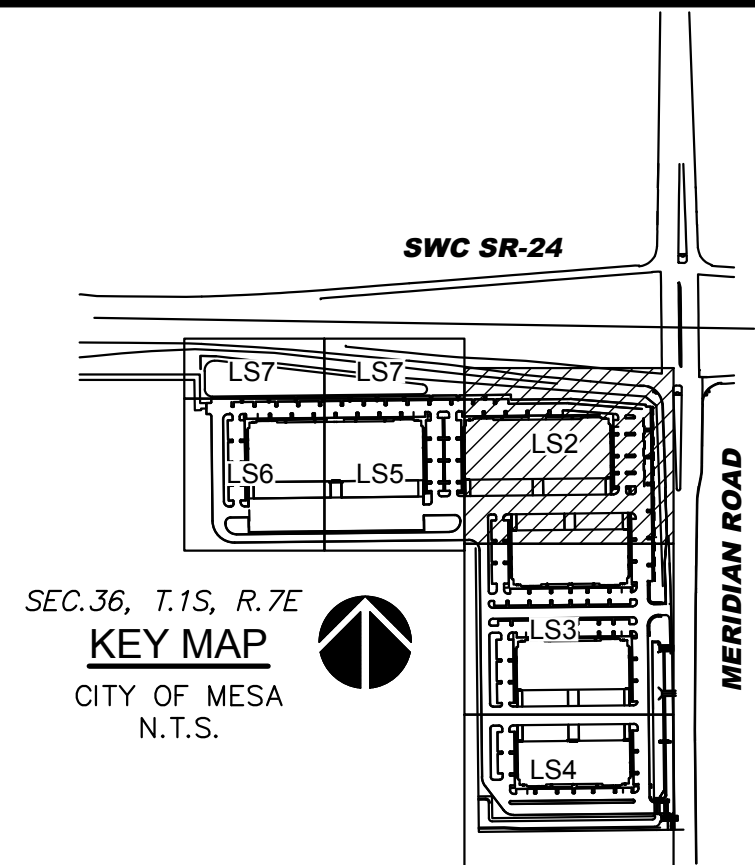
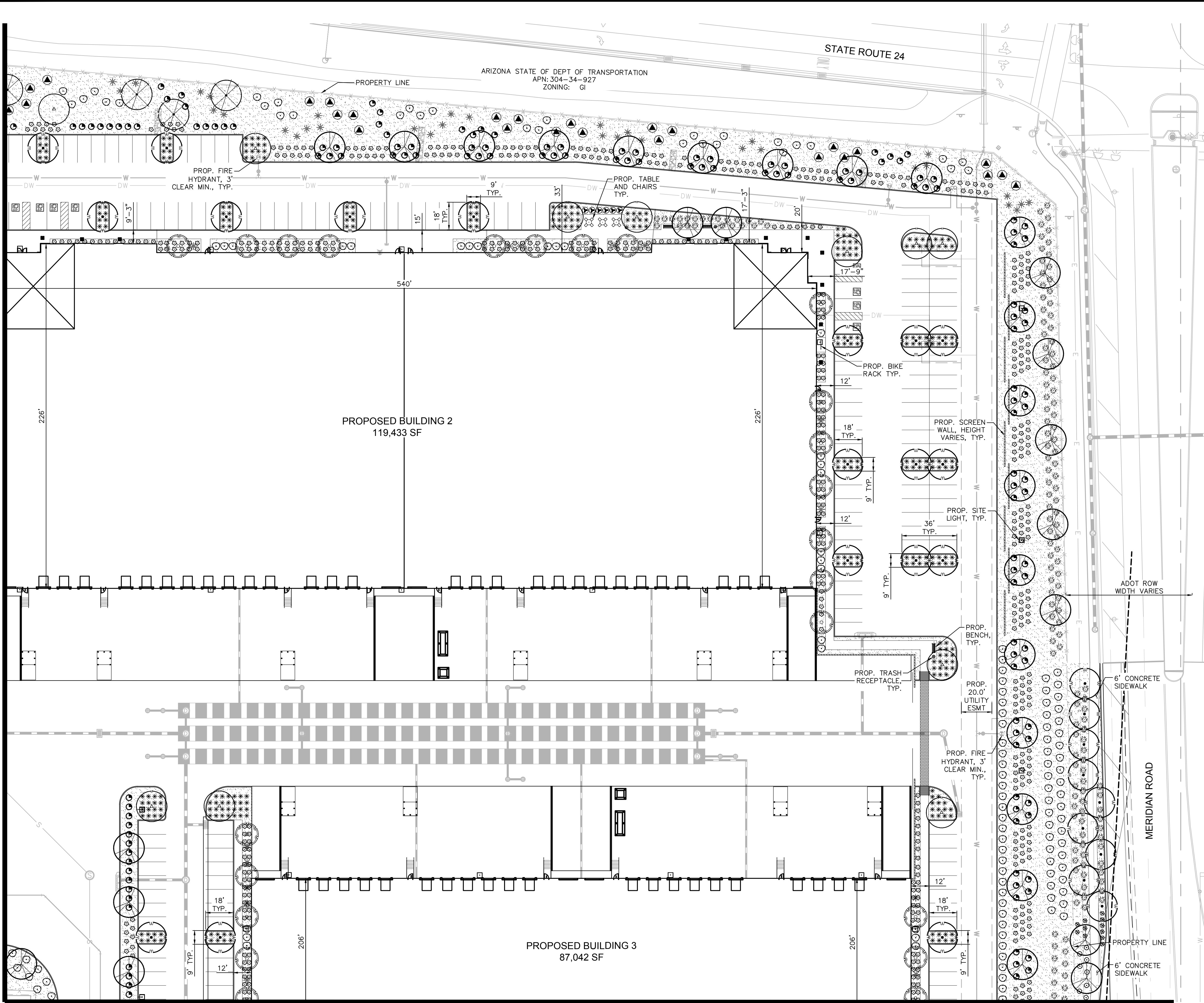
LS1

1 OF 7



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MATCH LINE - SEE SHEET LS5



PLANTING LEGEND

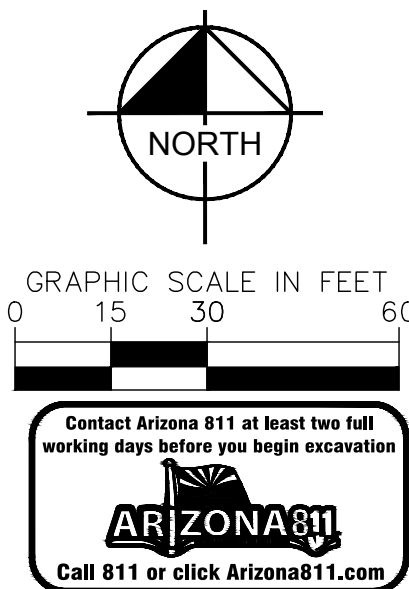
TREES	
	BOTANICAL NAME / COMMON NAME
	Acacia aneura
	Mulga
	Parkensonia x 'Desert Museum'
	Desert Museum Palo Verde
	Pistacia chinensis
	Red Push Pistache
	Prosopis x 'Leslie Roy'
	Leslie Roy Mesquite
	Oleyna tesota
	Ironwood
	Sophora secundiflora
	Texas Mountain Laurel

SHRUBS	
	BOTANICAL NAME / COMMON NAME
	Bougainvillea x 'Torch Glow'
	Torch Glow Bougainvillea
	Dodonea viscosa
	Green Hopseed Bush
	Eremophila hygrophana
	Bluebells
	Melaleuca viminalis
	Little John Bottlebrush
	Ruellia peninsularis
	Baja Ruellia
	Tecoma stans 'Gold Star'
	Yellow Bells

ACCENTS	
	BOTANICAL NAME / COMMON NAME
	Hesperaloe funifera
	Giant Yucca
	Hesperaloe parviflora 'MSWNPENMA'
	Desert Dusk Red Yucca
	Muhlenbergia rigens
	Deer Grass

GROUNDCOVERS	
	BOTANICAL NAME / COMMON NAME
	Eremophila glabra 'Mingenew'
	Outback Sunrise Emu

MATERIALS	
	DESCRIPTION
	Decomposed Granite
	3" Minus, Express Caramel, 2" Depth Min.



6550 S. MERIDIAN ROAD MESA, ARIZONA 85212

MERIDIAN COMMERCE PARK

PRELIMINARY LANDSCAPE PLAN

PROJECT NO.
191759003

DRAWING NAME
LS2

2 OF 7

REGISTERED LANDSCAPE ARCHITECT
60494
ANDREW A. VALESTIN
State signed 1/20/2023
ARIZONA U.S.A.

Signature of Andrew A. Valestin

REVISION

NO.

BY

DATE

APPR.

SCALE (H) 1"=30'

SCALE (V) NONE

DESIGNED BY: JAJ

DRAWN BY: JMW

CHECKED BY: AAV

DATE: 11/20/2023

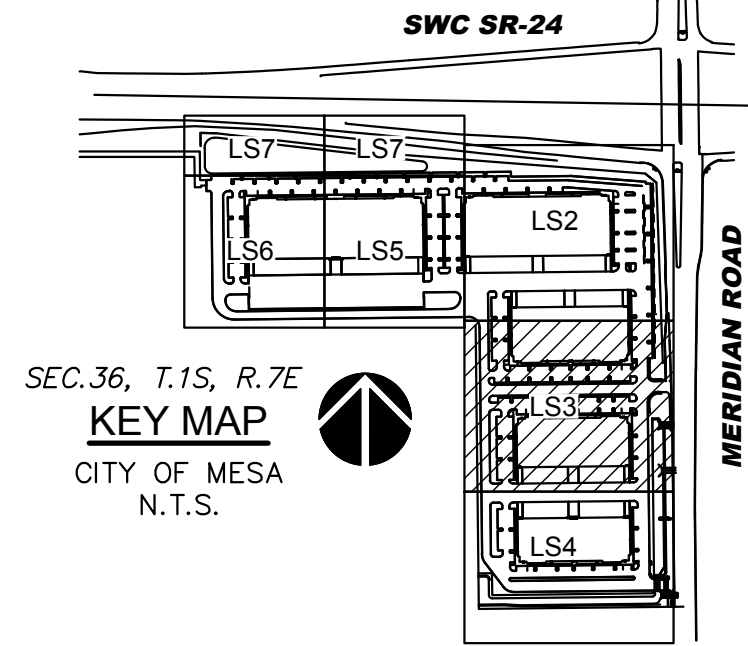
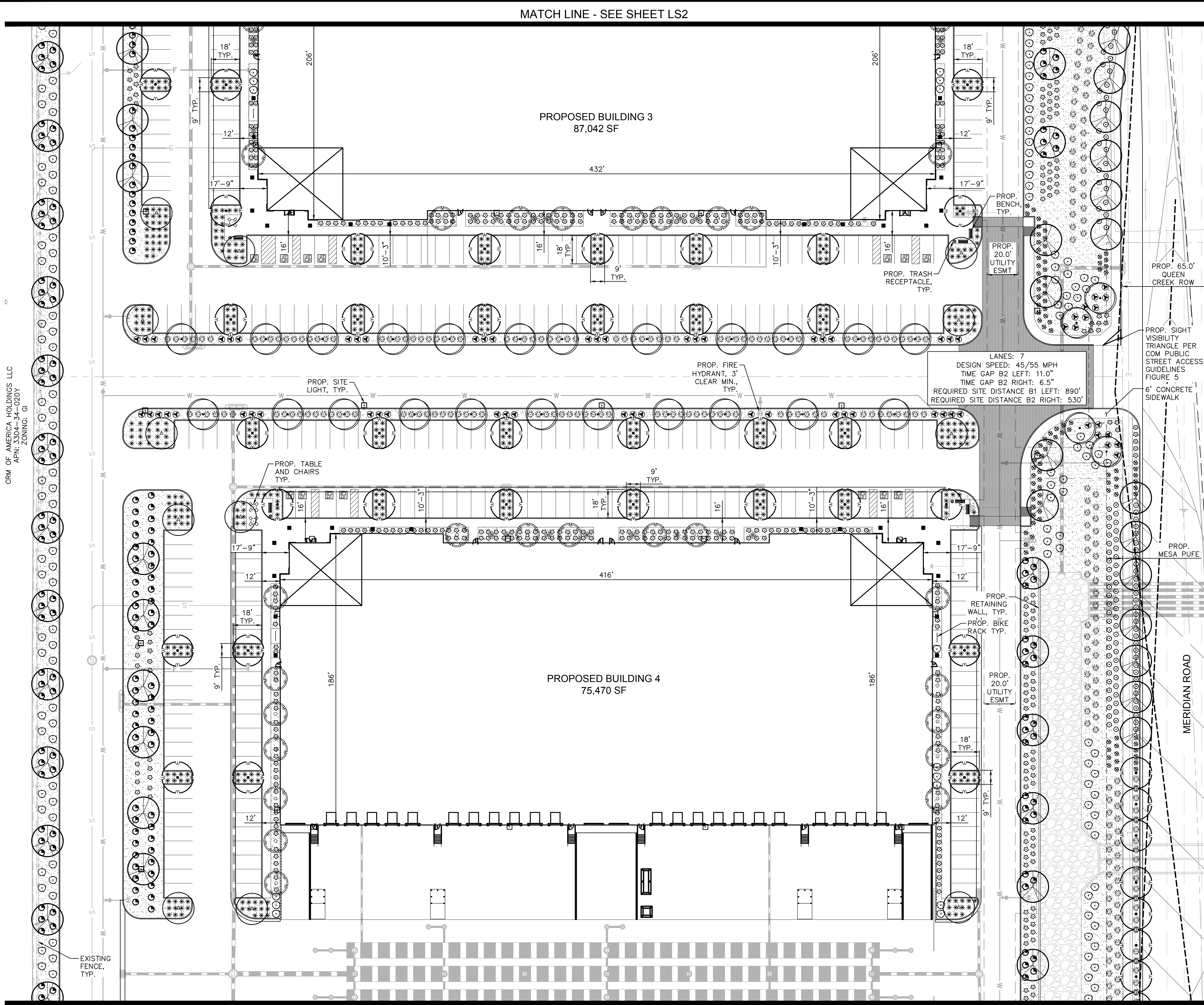
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CRM OF AMERICA HOLDINGS LLC
APN: 3304-34-0207
ZONING: G1



PLANTING LEGEND

TREES

	BOTANICAL NAME / COMMON NAME
	Acacia aneura Mulga
	Parkensonia x 'Desert Museum' Desert Museum Palo Verde
	Pistacia chinensis Red Push Pistache
	Prosopis x 'Leslie Roy' Leslie Roy Mesquite
	Olneya tesota Ironwood
	Sophora secundiflora Texas Mountain Laurel

SHRUBS

	BOTANICAL NAME / COMMON NAME
	Bougainvillea x 'Torch Glow' Torch Glow Bougainvillea
	Dodonea viscosa Green Hopseed Bush
	Eremophila hygrophana Bluebells
	Melaleuca viminalis Little John Bottlebrush
	Ruellia peninsularis Baja Ruellia
	Tecoma stans 'Gold Star' Yellow Bells

ACCENTS

	BOTANICAL NAME / COMMON NAME
	Hesperaloe funifera Giant Yucca
	Hesperaloe parviflora 'MSWNPENMA' Desert Dusk Red Yucca
	Muhlenbergia rigens Deer Grass

GROUNDCOVERS

	BOTANICAL NAME / COMMON NAME
	Eremophila glabra 'Mingenew' Outback Sunrise Emu

MATERIALS

	DESCRIPTION
	Decomposed Granite 3" Minus, Express Caramel, 2" Depth Min.



GRAPHIC SCALE IN FEET
0 15 30 60



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Phoenix, Arizona 85020 (602) 944-5500

SCALE (H)1"=30'
SCALE (V)NONE
DESIGNED BY: JAJ
DRAWN BY: JMW
CHECKED BY: AAV
DATE: 11/20/2023

6550 S. MERIDIAN ROAD MESA, ARIZONA 85212

MERIDIAN COMMERCE PARK

PRELIMINARY LANDSCAPE PLAN



PROJECT NO.
191759003

DRAWING NAME
LS3

3 OF 7

NO. REVISION BY DATE APPR.

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CRM OF AMERICA HOLDINGS LLC
APN: 3304-34-020Y
ZONING: GI

MATHESON TRI GAS INC
APN: 304-34-057B
ZONING: GI

MATCH LINE - SEE SHEET LS3

PROPOSED BUILDING 5
67,162 SF

LANES: 7
DESIGN SPEED: 45/55 MPH
TIME GAP B1 LEFT: 56.35"
TIME GAP B2 RIGHT: 10.5"
REQUIRED SITE DISTANCE B1 LEFT: 1,330'
REQUIRED SITE DISTANCE B2 RIGHT: 890'

SEC. 36, T.1S, R.7E
KEY MAP
CITY OF MESA
N.T.S.

PLANTING LEGEND

TREES

BOTANICAL NAME / COMMON NAME

Acacia aneura
Mulga
Parkensonia x 'Desert Museum'
Desert Museum Palo Verde
Pistacia chinensis
Red Push Pistache
Prosopis x 'Leslie Roy'
Leslie Roy Mesquite
Oleyna tesota
Ironwood
Sophora secundiflora
Texas Mountain Laurel

SHRUBS

BOTANICAL NAME / COMMON NAME

Bougainvillea x 'Torch Glow'
Torch Glow Bougainvillea
Dodonea viscosa
Green Hopseed Bush
Eremophila hygrophana
Bluebells
Melaleuca viminalis
Little John Bottlebrush
Ruellia peninsularis
Baja Ruellia
Tecoma stans 'Gold Star'
Yellow Bells

ACCENTS

BOTANICAL NAME / COMMON NAME

Hesperaloe funifera
Giant Yucca
Hesperaloe parviflora 'MSWNPENMA'
Desert Dusk Red Yucca
Muhlenbergia rigens
Deer Grass

GROUNDCOVERS

BOTANICAL NAME / COMMON NAME

Eremophila glabra 'Mingenew'
Outback Sunrise Emu

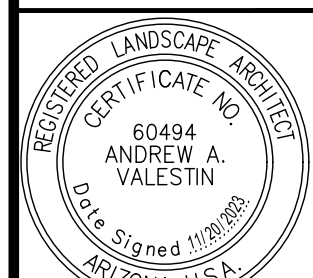
MATERIALS

DESCRIPTION

Decomposed Granite
3" Minus, Express Caramel, 2" Depth Min.



GRAPHIC SCALE IN FEET
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PROJECT NO.
191759003

DRAWING NAME
LS4

4 OF 7

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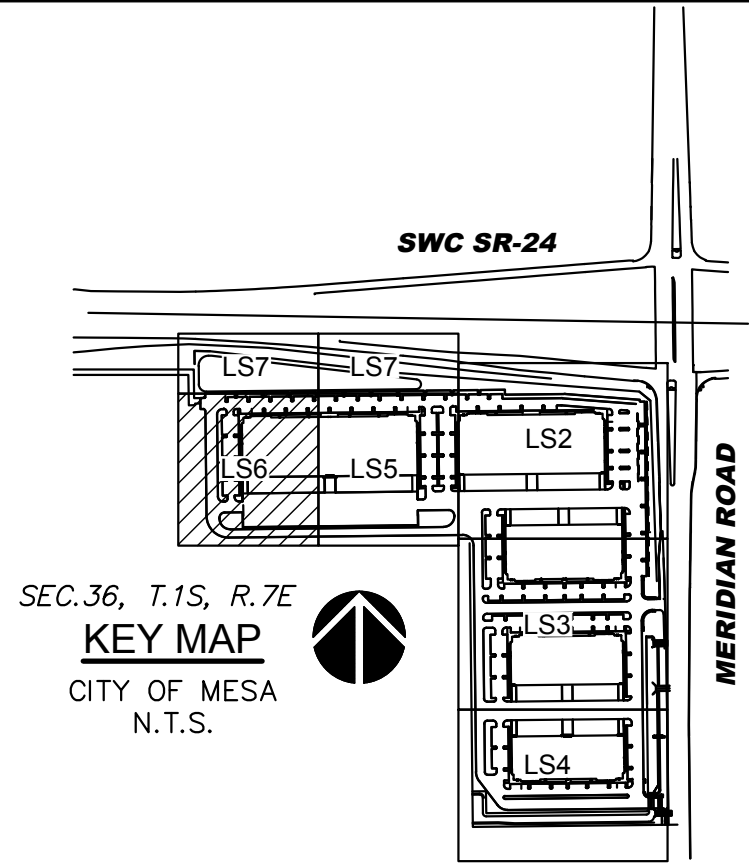
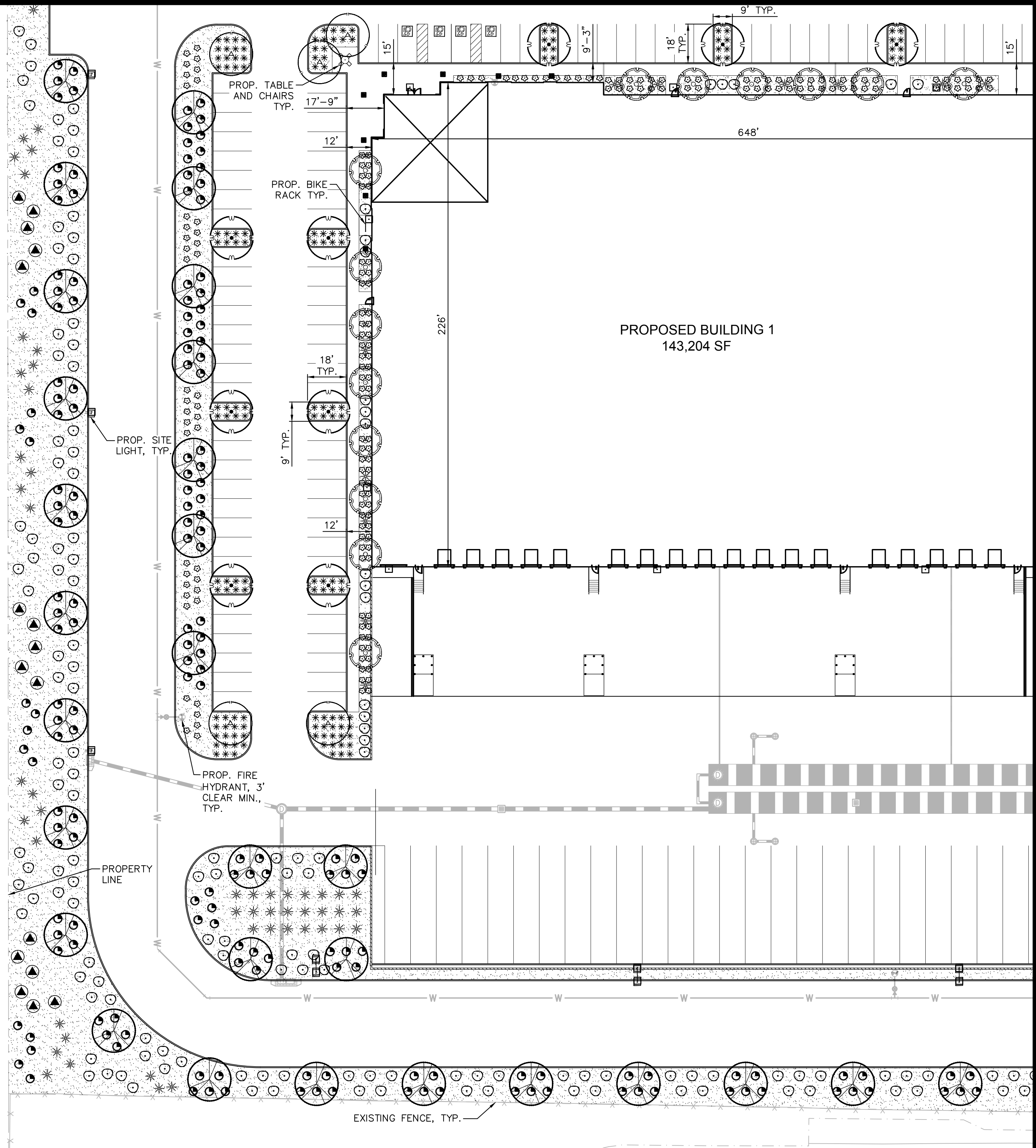
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MERIDIAN COMMERCE PARK
PRELIMINARY LANDSCAPE PLAN

SCALE (H)1"=30'
SCALE (V)NONE
DESIGNED BY: JAJ
DRAWN BY: JMW
CHECKED BY: AAV
DATE: 11/20/2023

NO. REVISION BY DATE APPR.

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ALLIED WASTE TRANSPORTATION INC
APN: 301-37-036A
ZONING: G



PLANTING LEGEND

TREES

BOTANICAL NAME / COMMON NAME

- Acacia aneura
Mulga
- Parkensonia x 'Desert Museum'
Desert Museum Palo Verde
- Pistacia chinensis
Red Push Pistache
- Prosopis x 'Leslie Roy'
Leslie Roy Mesquite
- Olneya tesota
Ironwood
- Sophora secundiflora
Texas Mountain Laurel

SHRUBS

BOTANICAL NAME / COMMON NAME

- Bougainvillea x 'Torch Glow'
Torch Glow Bougainvillea
- Dodonea viscosa
Green Hopseed Bush
- Eremophila hygrophana
Bluebells
- Melaleuca viminalis
Little John Bottlebrush
- Ruellia peninsularis
Baja Ruellia
- Tecoma stans 'Gold Star'
Yellow Bells

ACCENTS

BOTANICAL NAME / COMMON NAME

- Hesperaloe funifera
Giant Yucca
- Hesperaloe parviflora 'MSWNPERRMA'
Desert Dusk Red Yucca
- Muhlenbergia rigens
Deer Grass

GROUNDCOVERS

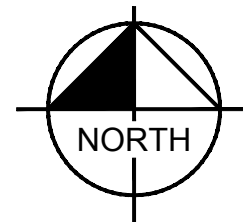
BOTANICAL NAME / COMMON NAME

- Eremophila glabra 'Mingenew'
Outback Sunrise Emu

MATERIALS

DESCRIPTION

- Decomposed Granite
- 3" Minus, Express Caramel, 2" Depth Min.



GRAPHIC SCALE IN FEET
0 15 30 60



PROJECT NO.
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DRAWING NAME
LS6

6 OF 7

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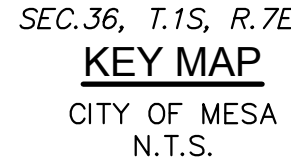
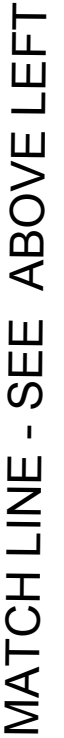
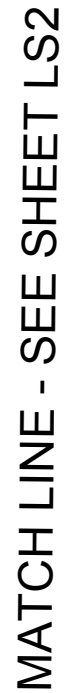
MERIDIAN COMMERCE PARK

PRELIMINARY LANDSCAPE PLAN

SCALE (H) 1"=30'
SCALE (V) NONE

DESIGNED BY: JAJ
DRAWN BY: JMW
CHECKED BY: AAV
DATE: 11/20/2023

NO. REVISION BY DATE APPR.



TREES

SHRUBS

ACCENTS

GROUNDCOVERS

MATERIALS

DESCRIPTION	
	Decomposed Granite 3" Minus, Express Caramel, 2" Depth Min.



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MERIDIAN COMMERCE PARK

PRELIMINARY LANDSCAPE PLAN



DRAWING NAME
LS7