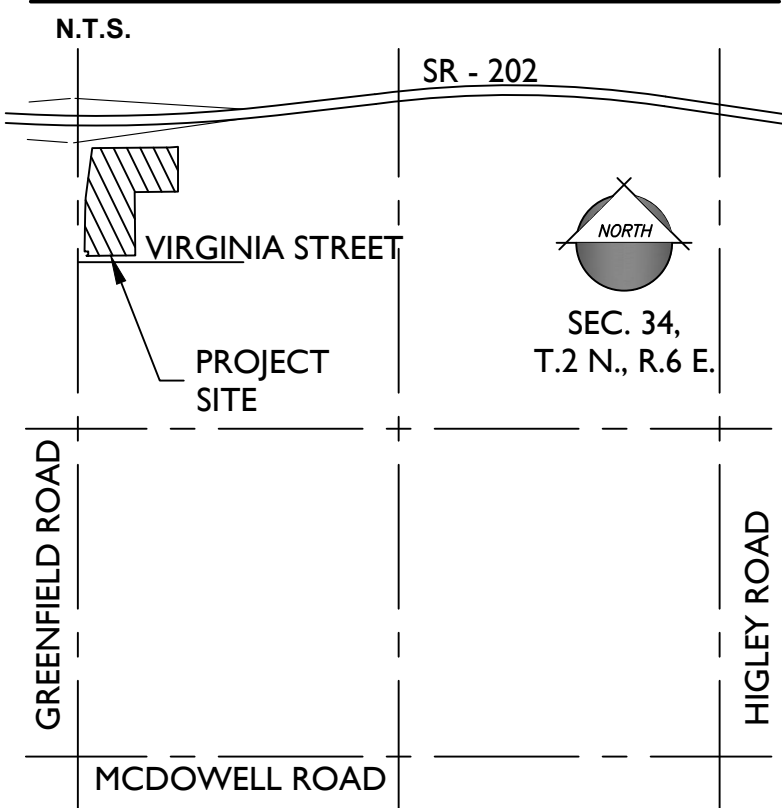


SR-202



VICINITY MAP



PLANT LEGEND

SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	QTY
TREES				
	Acacia aneura	Mulga Tree	24" Box	40
	Acacia salicina	Willow Acacia	24" Box	58
	Chilopsis linearis	Desert Willow	24" Box	32
	Parkinsonia praecox	Palo Brea	24" Box	9
	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	36" Box	27
	Prosopis hybrid 'Phoenix'	Thornless Mesquite	36" Box	17
	Ulmus parvifolia	Chinese Evergreen Elm	24" Box	23

SHRUBS/ACCENTS

SYMBOL	COMMON NAME	SIZE	QTY
	Desert Milkweed	5 Gal	66
	Smooth Agave	5 Gal	19
	Blonde Ambition	5 Gal	93
	Baja Fairy Duster	5 Gal	32
	Desert Spoon	5 Gal	24
	Turpentine Bush	5 Gal	42
	Ocotillo	10 Cane	5
	Brakelights Red Yucca	5 Gal	118
	Chuparosa	5 Gal	36
	Creosote Bush	5 Gal	35
	Rio Bravo Sage	5 Gal	112
	Purple Prickly Pear	5 Gal	55
	Desert Ruellia	5 Gal	108
	Compact Jojoba	5 Gal	35

GROUNDCOVERS

SYMBOL	COMMON NAME	SIZE	QTY
	'Outback Sunrise'	1 Gal	321
	Trailing Purple Lantana	1 Gal	207
	New Gold Lantana	1 Gal	373

MATERIAL

	"Apache Brown" Decomposed Granite with Planting 1" Screened	83,735 S.F
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LANDSCAPE DATA

GROSS SITE AREA	±12.57 ACRES
LANDSCAPE AREA	83,735 S.F
LANDSCAPE COVERAGE	15%

CITY OF MESA PLANT DATA

N. GREENFIELD RD. FRONTAGE (835 L.F. REQUIRED)	REQUIRED	PROVIDED
1 TREE PER 25 L.F. OF STREET FRONTAGE	33 TREES	33 TREES

E. VIRGINIA ST FRONTAGE (390 L.F.)	REQUIRED	PROVIDED
1 TREE PER 25 L.F. OF STREET FRONTAGE	16 TREES	16 TREES

PROPERTY PERIMETER (1,925 L.F.)	REQUIRED	PROVIDED
3 NON DECIDUOUS TREE PER 100 L.F. OF ADJACENT PROPERTY LINE	58 TREES	58 TREES

FOUNDATION BASE (1,800 L.F.)	REQUIRED	PROVIDED
1 TREE PER 50 L.F. OF EXTERIOR BUILDING WALL	36 TREES	36 TREES

10% OF FOUNDATION BASE TREES TO BE 36" BOX SIZE TREES	4 TREES	4 TREES
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TREE SIZE	REQUIRED	PROVIDED
36" BOX (25% MIN.)	36 TREES	36 TREES
24" BOX (50% MIN.)	73 TREES	73 TREES

SIGHT VISIBILITY TRIANGLES DESIGN CALCULATIONS:

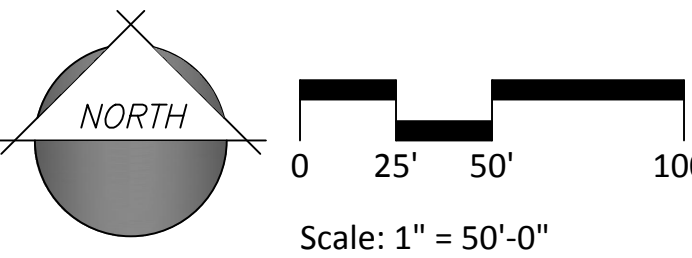
Virgina Street Required Sight Distance (SD)	
Through Road Cross-Section	2LU*
Through Road Width	40'
Time Gap (t)	7.5"
Design Speed	
30 mph	331

LU* = Lanes Undivided
Intersection Sight Distance (SD) = 1.47*V*t
V = Design Speed (mph) = 5 mph over speed limit
t = time gap (seconds) - Passenger Car, Level Grade

Greenfield Road Required Sight Distance (SD)	
Through Road Cross-Section	4LD**
Through Road Width	68'
Time Gap (t)	8.5"
Design Speed	
50 mph	625

LU* = Lanes Undivided
Intersection Sight Distance (SD) = 1.47*V*t
V = Design Speed (mph) = 5 mph over speed limit
t = time gap (seconds) - Passenger Car, Level Grade

- NOTES:
1. See Architecture Plans for all new fencing and new gate locations and details.
 2. For site lighting See Electrical Plans.



LANDSCAPE IMAGERY CHARACTER



WILLOW ACACIA
Acacia salicina



DESERT WILLOW
Chilopsis linearis



PALO BREA
Parkinsonia praecox



'DESERT MUSEUM' PALO VERDE
Parkinsonia x 'Desert Museum'



'PHOENIX' MESQUITE
Prosopis hybrid 'Phoenix'



CHINESE EVERGREEN ELM
Ulmus parvifolia



DESERT MILKWEED
Asclepias subulata



BLONDE AMBITION
Bouteloua gracilis



BAJA FAIRY DUSTER
Calliandra californica



DESERT SPOON
Dasyliirion wheeleri



TURPENTINE BUSH
Ericameria larcifolia 'Aguirre'



OCOTILLO
Fouquieria splendens

LANDSCAPE IMAGERY CHARACTER



RED YUCCA 'BRAKELIGHTS'
Hesperaloe parviflora 'Brakelights'



Chuparosa
Justicia californica



CREOSOTE BUSH
Larrea tridentata



'RIO BRAVO' SAGE
Leucophyllum langmaniae 'Rio Bravo'



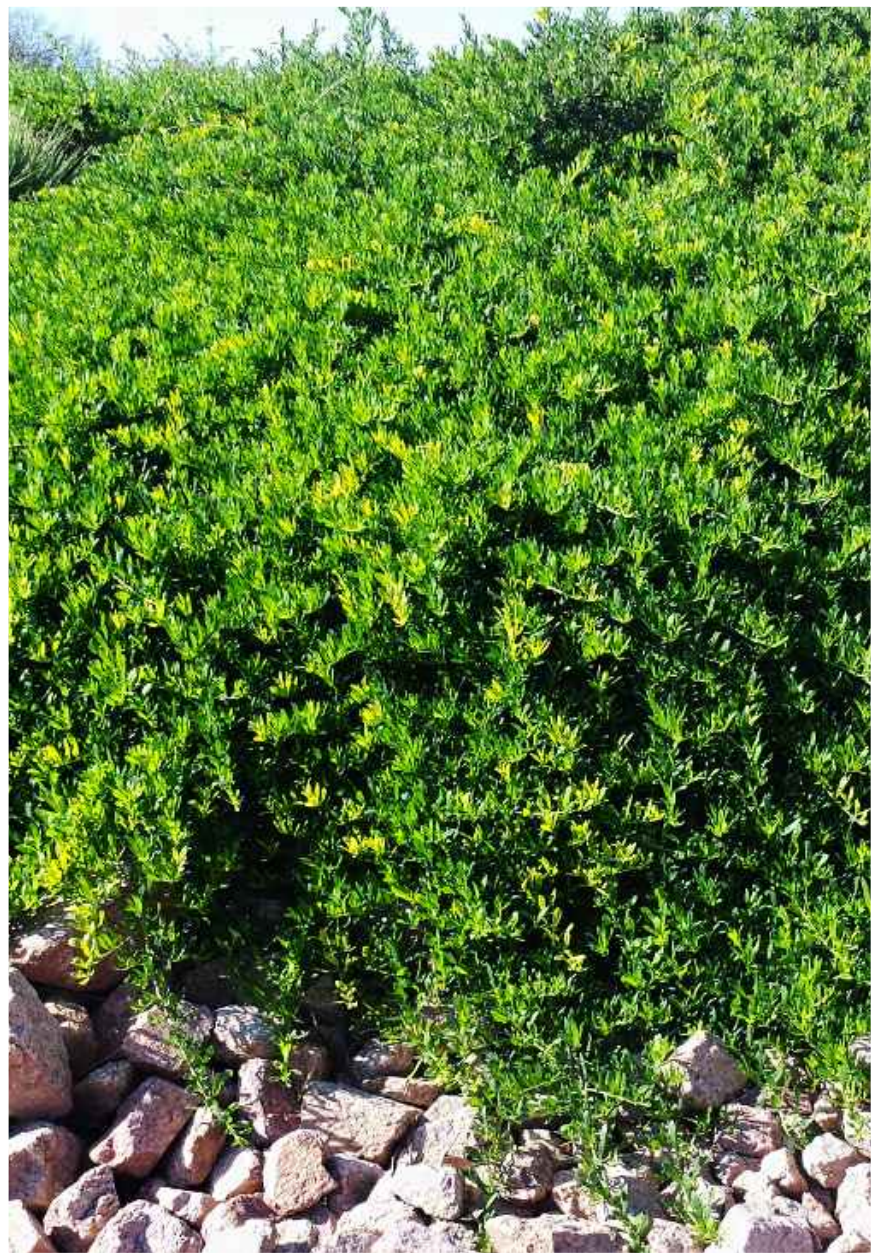
PURPLE PRICKLY PEAR
Opuntia violacea 'Santa Rita'



DESERT RUELLIA
Ruellia penninsularis



COMPACT JOJOBA
Simmondsia chinensis 'Vista'



'OUTBACK SUNRISE' EMU
Eremophila prostrata 'Outback Sunrise'



TRAILING PURPLE LANTANA
Lantana montevidensis

SIGHT VISIBILITY TRIANGLES DESIGN CALCULATIONS:

Virginia Street Required Sight Distance (SD)	
Through Road Cross-Section	2LU*
Through Road Width	40'
Time Gap (t)	7.5"
Design Speed	
30 mph	331

LU* = Lanes Undivided
Intersection Sight Distance (SD) = 1.47*V*t
V = Design Speed (mph) = 5 mph over speed limit
t = time gap (seconds) - Passenger Car, Level Grade

Greenfield Road Required Sight Distance (SD)	
Through Road Cross-Section	4LD**
Through Road Width	68'
Time Gap (t)	8.5"
Design Speed	
50 mph	625

LU* = Lanes Undivided
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PLANT LEGEND

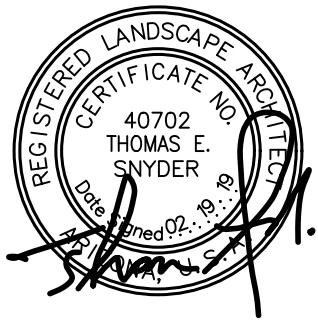
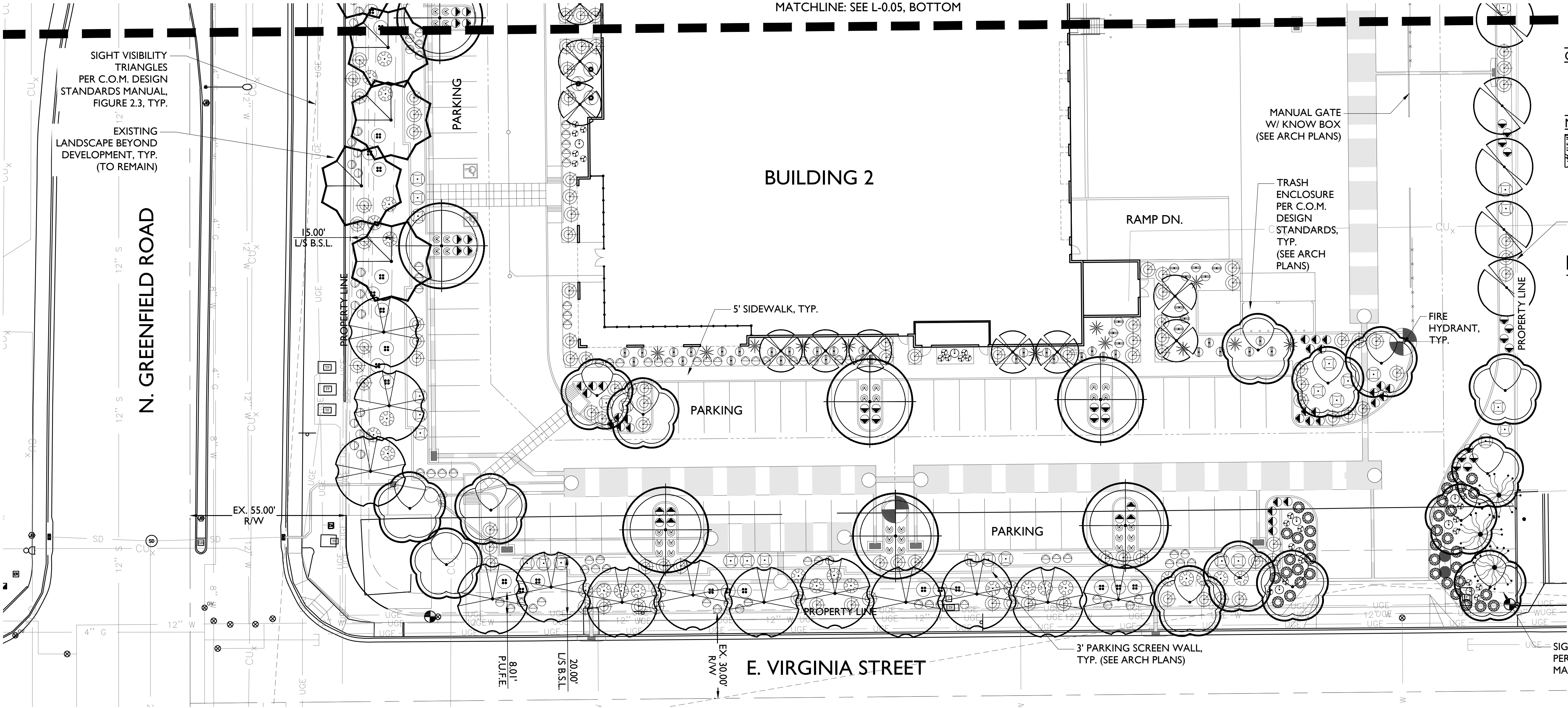
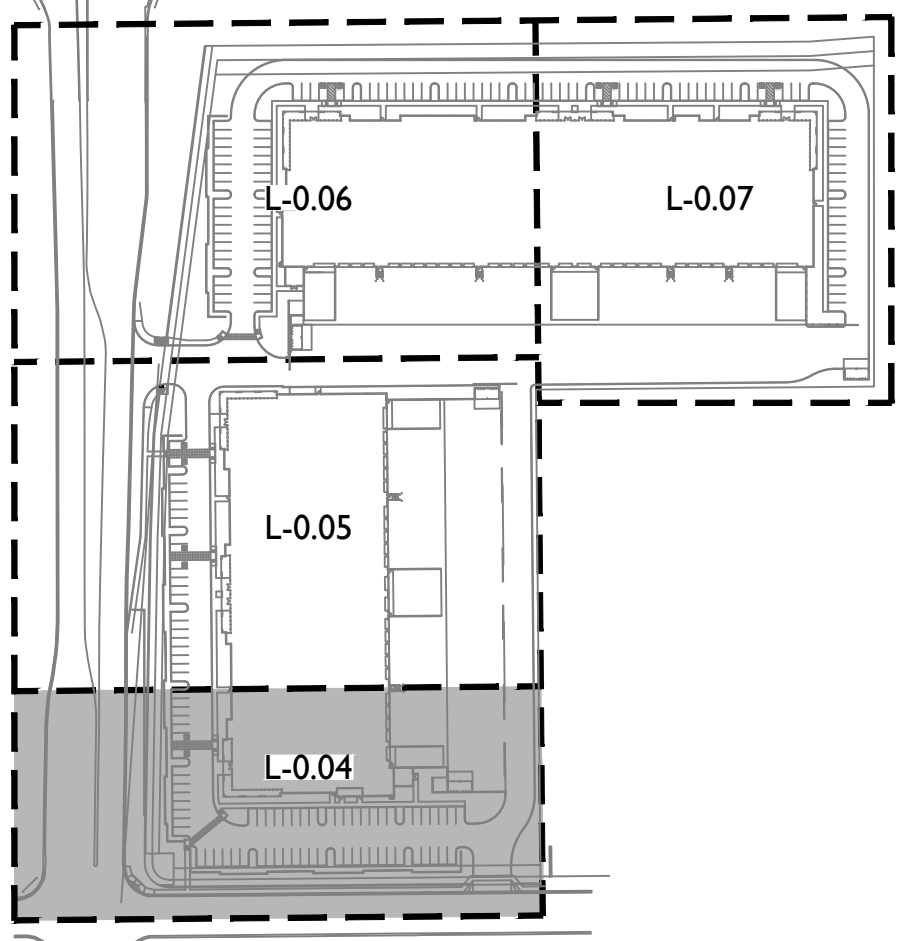
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE
TREES			
	Acacia aneura	Mulga Tree	24" Box
	Acacia salicina	Willow Acacia	24" Box
	Chilopsis linearis	Desert Willow	24" Box 36" Box
	Parkinsonia praecox	Palo Brea	24" Box
	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	36" Box
	Prosopis hybrid 'Phoenix'	Thornless Mesquite	36" Box
	Ulmus parvifolia	Chinese Evergreen Elm	24" Box

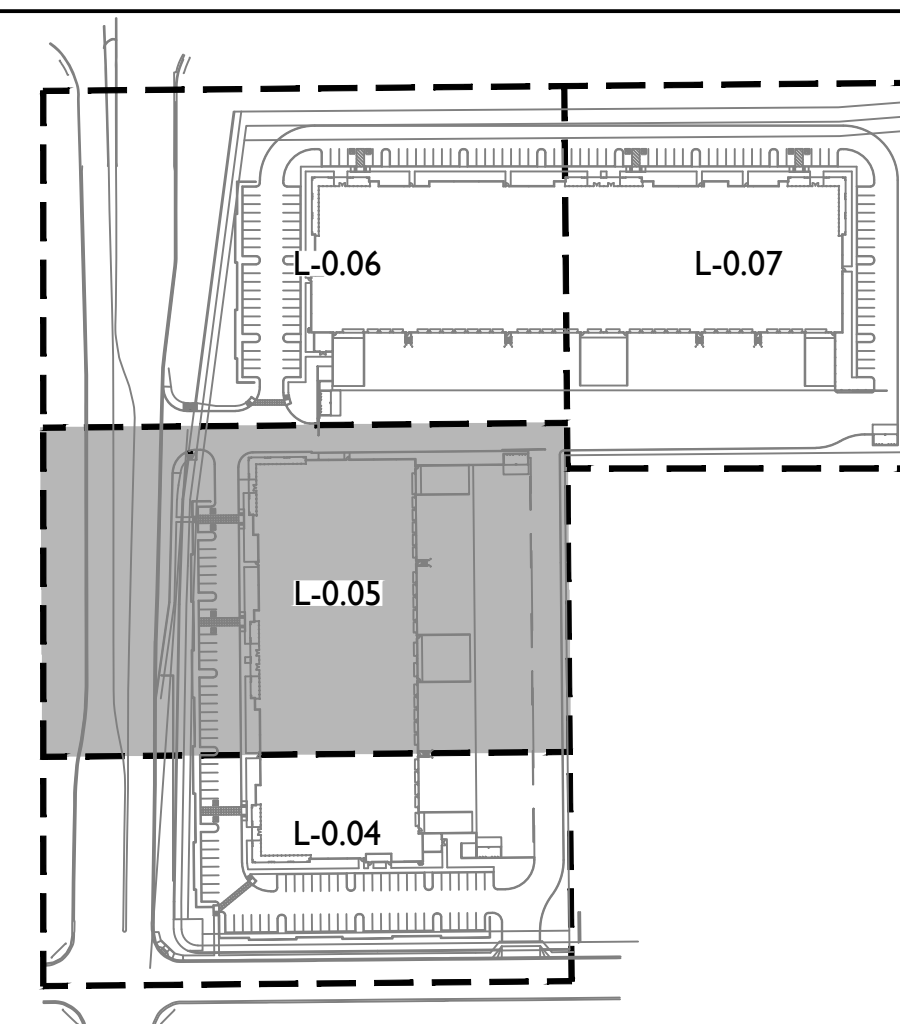
SHRUBS/ACCENTS		COMMON NAME	SIZE
	Asclepias subulata	Desert Milkweed	5 Gal
	Agave desmettiana	Smooth Agave	5 Gal
	Bouteloua gracilis	Blonde Ambition	5 Gal
	Calliandra californica	Baja Fairy Duster	5 Gal
	Dasylirion wheeleri	Desert Spoon	5 Gal
	Ericameria laricina	Turpentine Bush	5 Gal
	Fouquieria splendens	Ocotillo	10 Cane
	Hesperaloe parviflora 'Brakelights'	Brakelights Red Yucca	5 Gal
	Justicia californica	Chuparosa	5 Gal
	Larrea tridentata	Creosote Bush	5 Gal
	Leucophyllum langmaniae 'Rio Bravo'	Rio Bravo Sage	5 Gal
	Opuntia violacea 'Santa Rita'	Purple Prickly Pear	5 Gal
	Ruella penninularis	Desert Ruella	5 Gal
	Simmondsia chinensis 'Vista'	Compact Jojoba	5 Gal

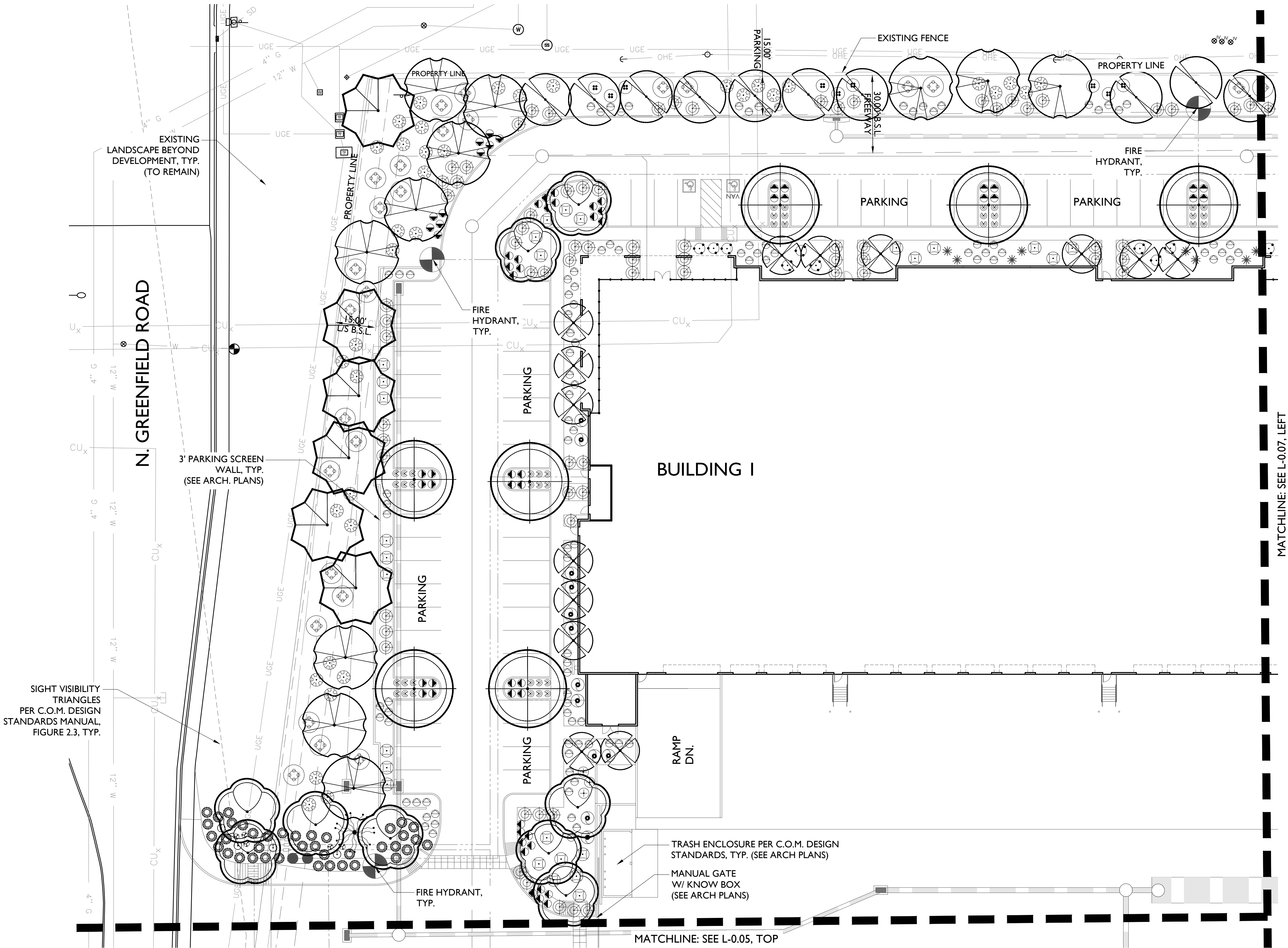
GROUNDCOVERS		COMMON NAME	SIZE
	Eremophila prostrata 'Outback Sunrise'	'Outback Sunrise'	1 Gal
	Lantana montevidensis	Trailing Purple Lantana	1 Gal
	Lantana x 'New Gold'	New Gold Lantana	1 Gal

MATERIAL	
	"Apache Brown" Decomposed Granite with Planting 1" Screened

KEY MAP







PLANT LEGEND

SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE
TREES			
	Acacia aneura	Mulga Tree	24" Box
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	Chilopsis linearis	Desert Willow	24" Box 36" Box
	Parkinsonia praecox	Palo Brea	24" Box
	Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	36" Box
	Prosopis hybrid 'Phoenix'	Thornless Mesquite	36" Box
	Ulmus parvifolia	Chinese Evergreen Elm	24" Box

SHRUBS/ACCENTS		COMMON NAME	SIZE
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	Agave desmettiana	Smooth Agave	5 Gal
	Bouteloua gracilis	Blonde Ambition	5 Gal
	Calliandra californica	Baja Fairy Duster	5 Gal
	Dasylirion wheeleri	Desert Spoon	5 Gal
	Ericameria laricifolia 'Aguirre'	Turpentine Bush	5 Gal
	Fouquieria splendens	Ocotillo	10 Cane
	Hesperaloe parviflora 'Brakelights'	Brakelights Red Yucca	5 Gal
	Justicia californica	Chuparosa	5 Gal
	Larrea tridentata	Creosote Bush	5 Gal
	Leucophyllum langmaniae 'Rio Bravo'	Rio Bravo Sage	5 Gal
	Opuntia violacea 'Santa Rita'	Purple Prickly Pear	5 Gal
	Ruellia penninsularis	Desert Ruellia	5 Gal
	Simmondsia chinensis 'Vista'	Compact Jojoba	5 Gal

GROUNDCOVERS		COMMON NAME	SIZE
	Eremophila prostrata 'Outback Sunrise'	'Outback Sunrise'	1 Gal
	Lantana montevidensis	Trailing Purple Lantana	1 Gal
	Lantana x 'New Gold'	New Gold Lantana	1 Gal

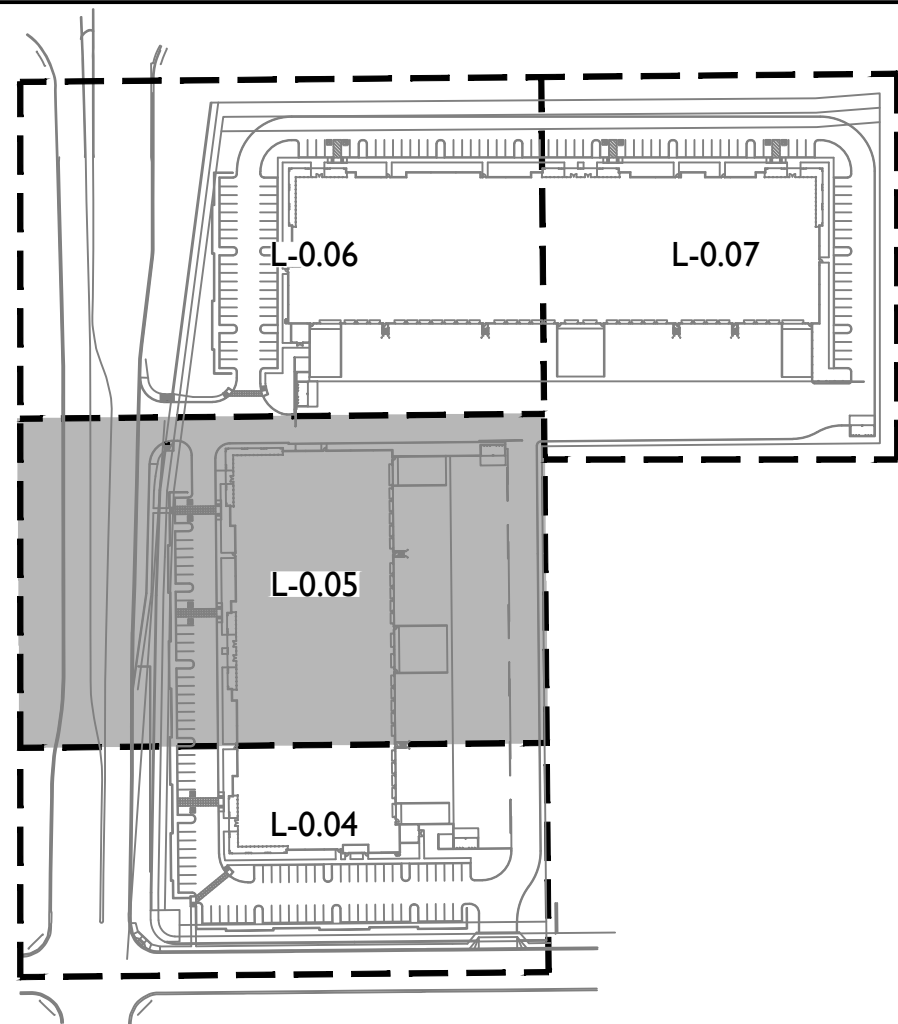
MATERIAL	
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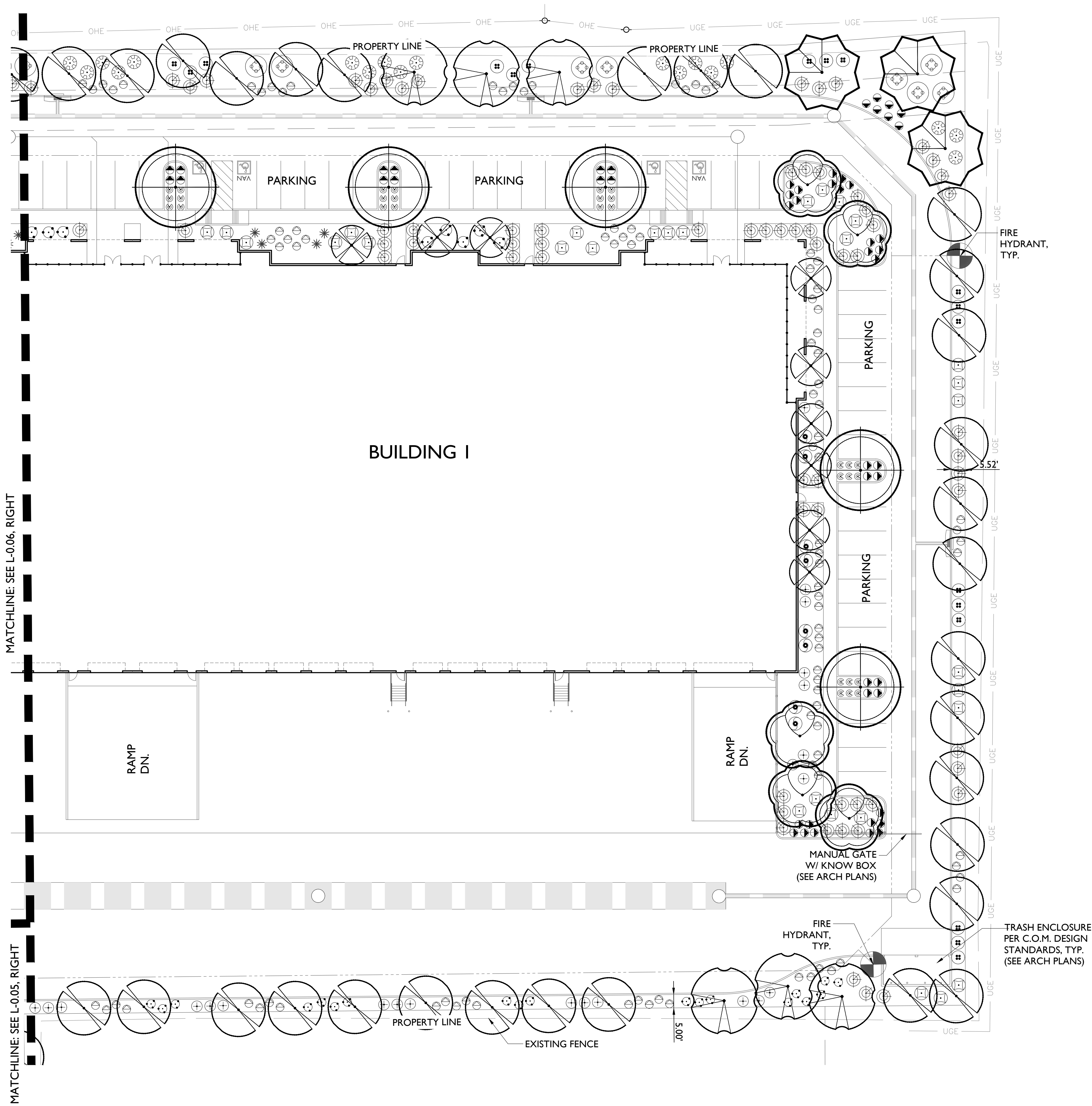
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KEY MAP

