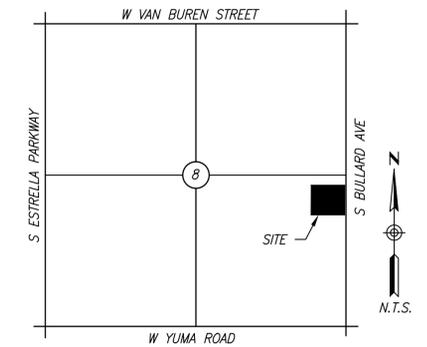


# PRELIMINARY LANDSCAPE PLAN FOR APS BULLARD SUBSTATION

A PORTION OF SECTION 8, TOWNSHIP 1 NORTH, RANGE 1  
WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN



VICINITY MAP  
TIN, RTW, SEC. 8

**PROJECT INFORMATION**

APN: 500-04-011V, 500-10-855, 500-10-716B  
EXISTING ZONING: AU & I-1  
PROPOSED ZONING: I-1  
GROSS AREA: 149,338 SF, 3.428 ACRES  
NET AREA: 129,847 SF, 2.981 ACRES

**OWNER/DEVELOPER**

ARIZONA PUBLIC SERVICE (APS)  
LAND SERVICE DEPT  
P.O. BOX 53933, STA: 3016  
PHOENIX, AZ 85072-3933

**APS PROJECT COORDINATOR**

CARTER VICKERS  
2043 WEST CHERYL DRIVE  
PHOENIX, AZ 85021, MS3491  
PHONE: 602-371-5698  
E-MAIL: CARTER.VICKERS@APS.COM

**CIVIL ENGINEER**

KIMLEY-HORN AND ASSOCIATES, INC.  
7740 N. 16TH STREET, SUITE 300  
PHOENIX, ARIZONA 85020  
TEL. NO. (602) 216-1231  
CONTACT: CHUCK WURL, PE  
E-MAIL: CHUCK.WURL@KIMLEY-HORN.COM

**SURVEYOR**

FERGUSON LAND SERVICES  
2432 W PEORIA AVENUE, SUITE 1167  
PHOENIX, ARIZONA 85029  
TEL. NO. (602) 368-2668  
FAX: (602) 368-6903

**UTILITY PROVIDERS**

ELECTRIC	ARIZONA PUBLIC SERVICE
GAS	SOUTHWEST GAS CORPORATION
TELEPHONE	CENTURY LINK
CABLE TV	COX COMMUNICATION
WATER	CITY OF GOODYEAR
SEWER	CITY OF GOODYEAR

CITY OF GOODYEAR - PLAN APPROVAL			
REVIEW & RECOMMEND APPROVAL BY:			
FIRE DEPARTMENT	GRADING & DRAINAGE		
LANDSCAPING & PLANNING	WATER & SEWER		
TRAFFIC	PAVING		
STREET LIGHTS	SIGNING & STRIPING		
APPROVED BY:			
PLANS EXAMINER		DATE	

3									
2									
1									
NO.	DATE	REVISION	DWN	CHD	EXD	RVWD	W.A.		

**PRELIMINARY LANDSCAPE PLAN**  
APS BULLARD SUBSTATION  
500 S. BULLARD AVENUE, GOODYEAR, AZ 85338



SCALE AS NOTED		DATE 8/13/18	
DRAWN JMS	APPROVED		
CHECKED ASD	ENGINEERING SUPERVISOR		
EXAMINED ASD	REVIEWED	W.A.	
		WA####	APS DRAWING NO.

**L1.0**

**PLANTING LEGEND**

TREES	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	Parkinsonia 'Desert Museum' / Desert Museum Palo Verde	Minimum 24" Box, 1.5" Cal. Min., 10' Ht. x 6' Sp.	6
	Prosopis juliflora / Native Mesquite	Minimum 24" Box, 1.5" Cal. Min., 7' Ht. x 4' Sp.	6

SHRUBS & ACCENTS	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	Caesilpinia pulcherima / Red Bird of Paradise	5 Gal.	16
	Dasyliion quadrangulatum / Toothless Desert Spoon	5 Gal.	27
	Hesperaloe parviflora 'perpa' / Brakelights Red Yucca	5 Gal.	46
	Muhlenbergia rigida 'Nashville' / Purple Muhly	5 Gal.	29
	Tecoma stans 'Yellow Bells' / Yellow Bells	5 Gal.	11

MATERIALS	DESCRIPTION	QTY
	Decomposed Granite (Submit Sample to Owner for Approval)	24,920 SF
	3/4" Screened, Palomino Gold, 2" Depth Min.	

- TREE ROOT BARRIER NOTES**
- All trees shall be planted minimum 8' from any water line. Contractor shall verify location of all utilities prior to commencement of any work.
  - A root barrier shall be installed for any tree located closer than 16' from water or sewer lines. Install root barrier per criteria as outlined below:  
.08" thick root barrier is required 3' deep around the tree or parallel to the water line 6' from the tree and 6' on either side of the tree for a total length of 12'.

**LANDSCAPE AREA CALCULATION**

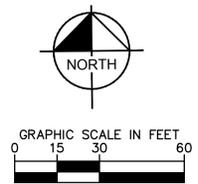
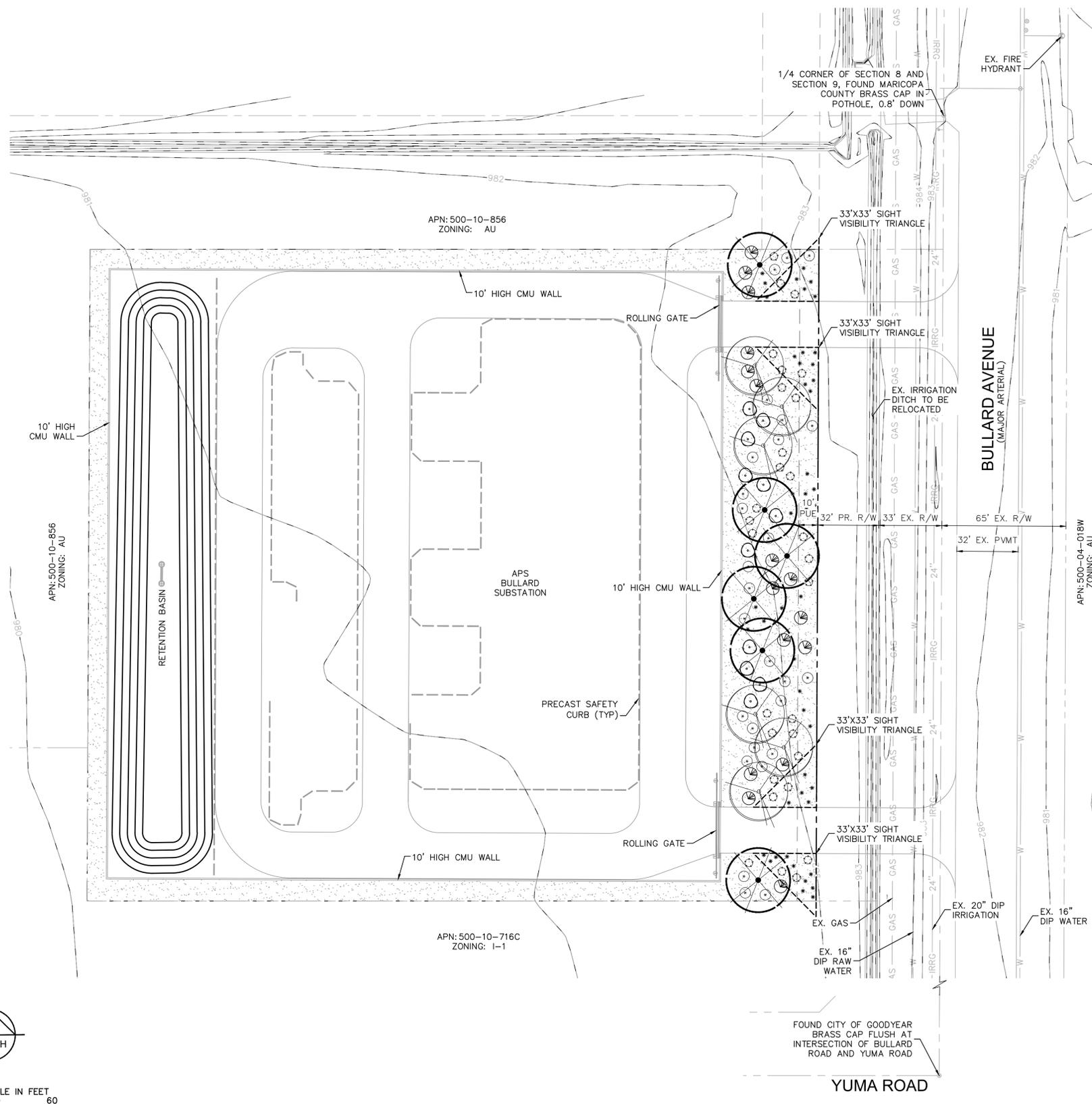
A MINIMUM OF ONE TREE SHALL BE PLANTED FOR EVERY TWENTY-FIVE FEET OF LINEAR STREET FRONTAGE

LINEAR FRONTAGE:	290 SF
TREES REQUIRED:	12
TREES PROVIDED:	12

EACH SITE OF COMMERCIAL USE SHALL HAVE A MINIMUM OF 15% OF THE NET SITE/LOT AREA IN LANDSCAPING.

NET AREA OF SITE:	129,847 SF
REQUIRED LANDSCAPE:	19,477 SF (15%)
PROVIDED LANDSCAPE:	24,920 SF (19.1%)

- LANDSCAPE NOTES**
- Shrubs and groundcovers planted within sight visibility triangles shall have a mature height of not more than 24 inches. Height shall be measured from edge of pavement, and total height shall include the height of any mounding (EDS&PM 7.2.4.B.1).
  - Trees planted within sight visibility triangle shall have a clear trunk pruned to a height of 7 feet or greater upon installation. Height shall be measured from the edge of pavement (EDS&PM 7.2.4.B.2).
  - This plan sheet does not have any landscape areas that will be maintained by the City.



**LANDSCAPE ARCHITECT**  
KIMLEY-HORN AND ASSOCIATES, INC.  
7740 N. 16TH STREET, SUITE 300  
PHOENIX, ARIZONA 85020  
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CONTACT: ANNE DEBOARD, PLA  
E-MAIL: ANNE.DEBOARD@KIMLEY-HORN.COM



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