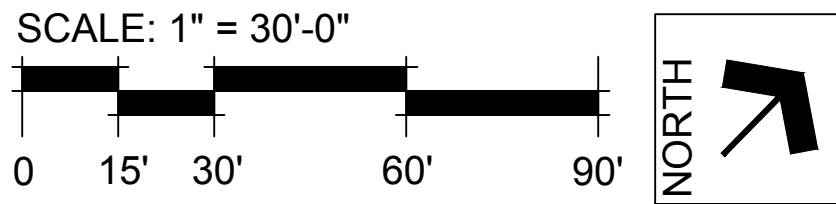


- NCS**
Engineers
202 E. Earll Drive Suite 110
Phoenix, AZ 85012
Phone (602)629-0206
www.ncseng.com

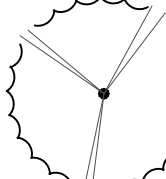
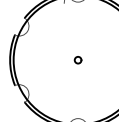
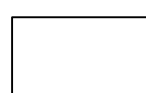
90%
SUBMITTAL
GMP-1

Sheet Title: WALL FOUNDATION AND MANGATE DETAILS			Drawn By: KWB	Date: 04/09/18
			Design By: SA	Date: 04/09/18
			Approved By: RN	Date: 04/09/18
Project Location CITY OF GOODYEAR PUBLIC WORKS DEPARTMENT			Project name SITE 12 TREATMENT EXPANSION – GMP 1 WELLS, TANK AND RO COMPONENTS	
Client Project No.	Project No. 0684	Scale AS NOTED	File Name	Sheet



1. SHRUBS AND GROUND COVER PLANTED WITHIN SIGHT VISIBILITY TRIANGLES SHALL HAVE A MATURE HEIGHT OF NOT MORE THAN 24 INCHES. HEIGHT SHALL BE MEASURED FROM THE EDGE OF THE PAVEMENT, AND TOTAL HEIGHT SHALL INCLUDE THE HEIGHT OF ANY MOUNDING (EDS&PM 7.2.4.B.1.)
2. TREES PLANTED WITHIN THE 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.)
3. 7 FOOT MINIMUM CLEARANCE SHALL BE MAINTAINED AROUND THE FIRE HYDRANT FROM LANDSCAPE MATERIAL WITH A MATURITY HEIGHT EXCEEDING 6 INCHES PER CITY STANDARD DETAILS (EDS&PM 5.1.6.B.3.c.)
4. CONSTRUCTION DOCUMENTS WILL VERIFY PROPER LANDSCAPE CLEARANCE FROM STORM DRAIN SYSTEM, PIPES, WATER METERS AND OTHER INFRASTRUCTURE ITEMS.
5. PROVIDE DECOMPOSED GRANITE IN ALL PLANTING AREAS. MATCH TYPICAL MATERIALS AND METHODS USED ON ADJACENT SOUTH 173RD AVENUE STREETSCAPES.
6. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
7. TREES SHOWN AT 30 O.C. TYPICAL. MATCH ADJACENT WORK ALONG S. 173RD AVE.

- 1 LIMITS OF WORK
- 2 SIDEWALK, CURB OR DRIVEWAY (PER CIVIL PLANS)
- 3 WELL SITE PERIMETER WALL (PER CIVIL PLANS)
- 4 STORM DRAIN SYSTEM (PER CIVIL PLANS)
- 5 FIRE HYDRANT LOCATION (PER CIVIL PLANS)
- 6 SIGHT VISIBILITY TRIANGLE
- 7 PROPERTY LINE
- 8 SEE CIVIL FOR WALLS & GATE ELEVATIONS AND DETAILS.

PLANT MATERIALS LEGEND				
SYM.	PLANT NAME	SIZE	QTY	REMARKS
TREES				
	Acacia salicina Willow Acacia	1.25" CAL. (24" BOX MIN.)	5	-
	Caesalpinia mexicana Mexican Bird of Paradise	15 GAL.	1	-
ACCENT				
	Nolina microcarpa Sacahuista	5 GAL.	3	-
SHRUB				
	Calliandra Hybrid 'Sierra Star'	5 GAL.	15	-
	Caryopteris clandonensis x Dark Knight	5 GAL.	3	-
	Leucophyllum Langmaniae Rio Bravo Sage	5 GAL.	14	-
GROUND COVER				
	Chrysactinia mexicana Damianita	1 GAL.	23	-
	Convolvulus cneorum Bush Morning Glory	5 GAL.	15	-
	Hesperaloe parviflora Red Yucca	5 GAL.	12	-
INERT MATERIALS				
	DECOMPOSED GRANITE 2" THK. MIN. - MATCH EXISTING COMMUNITY STANDARDS FOR SOUTH 173 AVE. (BLEND WITH ADJACENT LANDSCAPE WORK TO PROVIDE SEAMLESS FINISHED APPEARANCE)			



Two working days before you dig,
CALL FOR THE BLUE STAKES
(800) STAKE IT
Blue Stakes Center

Sheet Title: CONCEPTUAL LANDSCAPE PLAN			Drawn By: JP	Date: 6-19-18
			Design By: MB	Date: 6-19-18
			Approved By: JA	Date: 6-19-18
Project Location CITY OF GOODYEAR PUBLIC WORKS DEPARTMENT			Project name SITE 12 TREATMENT EXPANSION WELL 25	
Client	Project No.	Scale	File Name	Sheet
				L01

Date	Design	Drawn	Checked

Rev No	Revision Note



the design element
landscape architecture

the design element, plc
2211 east highland avenue
suite 120
phoenix, arizona 85016
ph 602.244.1970
fax 602.244.1971
www.tde.design



EXPIRES: 09/30/2019



NCS
Engineers
202 E. Earll Drive Suite 110
Phoenix, AZ 85012
Phone (602)629-0206
www.ncseng.com