

**GENERAL SITE NOTES**

- EXISTING ZONING IS R-3 RESIDENTIAL AND WILL REMAIN.
- THE GROSS AREA OF THE SITE IS 1,205 SF / 0.27 ACRES. IMPROVEMENT AREA IS 1,205 SF/.027 ACRES (SPECIAL EXCEPTION AREA).
- THE EXISTING USE ON THIS PROPERTY IS UTILITIES – DISTRIBUTION SYSTEM. THIS USE OF DISTRIBUTION SYSTEM IS PERMITTED IN THE R-3 ZONE, SUBJECT TO USE-SPECIFIC STANDARDS 4.9.11.A.1, .2, .5, .8, .9, .11.
- THE DEVELOPER, ANY SUCCESSORS AND ASSIGNS, WILL HOLD THE CITY OF TUCSON, ITS OFFICERS, EMPLOYEES, AND AGENTS HARMLESS FROM ANY AND ALL CLAIMS FOR DAMAGES RELATED TO THE USE OF THIS DEVELOPMENT AS SHOWN HEREON, NOW AND IN THE FUTURE, BY REASON OF FLOODING, FLOWAGE, EROSION, OR DAMAGE CAUSED BY WATER, WHETHER SURFACE FLOOD OR RAINFALL.
- DRAINAGE WILL REMAIN IN ITS NATURAL STATE AND WILL NOT BE ALTERED, DISTURBED, OR OBSTRUCTED OTHER THAN AS SHOWN ON THIS SITE PLAN.
- ANY RELOCATION OR MODIFICATION OF EXISTING UTILITIES AND/OR PUBLIC IMPROVEMENTS NECESSITATED BY THE PROPOSED DEVELOPMENT WILL BE AT NO EXPENSE TO THE PUBLIC.
- THE FACILITY IS UTILITIES – DISTRIBUTION SYSTEM. NO PEDESTRIAN OR BICYCLE ACCESS IS ALLOWED. NO WALKWAYS OR BICYCLE RACKS ARE PROPOSED OR REQUIRED AND NO VEHICLE PARKING SPACES OR OFF-STREET LOADING SPACES ARE REQUIRED OR PROVIDED.
- TOTAL NUMBER OF EXISTING LOTS IS ONE, PROPOSED NUMBER OF LOTS IS ONE.
- THE PIMA REGIONAL TRAILS SYSTEM MASTER PLAN DOES NOT SHOW ANY TRAILS ON OR ADJACENT TO THE DEVELOPMENT.
- CALL FOR PRE-CONSTRUCTION MEETINGS. FOR A PSDS ENGINEERING INSPECTION CALL (740-6970), OR SCHEDULE WITH A CUSTOMER SERVICE REPRESENTATIVE AT THE PLANNING AND DEVELOPMENT SERVICES DEPARTMENT, OR CONTACT DSD ENGINEERING AT 791-5550 EXTENSION 2101, OR SCHEDULE INSPECTION ONLINE AT: <https://www.tucsonaz.gov/pdsd/scheduling-inspections>.
- THE FACILITY IS AN UNMANNED UTILITIES – DISTRIBUTION SYSTEM. NO PEDESTRIAN OR BICYCLE ACCESS IS ALLOWED. NO WALKWAYS OR BICYCLE RACKS ARE PROPOSED OR REQUIRED AND NO VEHICLE PARKING SPACES OR OFF-STREET LOADING SPACES ARE REQUIRED OR PROVIDED.

**BUILDING AND ACCESSORY BUILDING COVERAGE CALCULATIONS**

	AREA	PERCENTAGE OF SITE
GROSS AREA OF SITE	1,205 S.F.	100%
EXISTING CHLORINE BUILDING	23 S.F.	1.9%
EXISTING SHADE STRUCTURE	46 S.F.	3.8%
NEW SHADE STRUCTURE	40 S.F.	3.3%
TOTAL EXPANSION	40 S.F.	3.3%
NEW TOTAL COVERAGE	109 S.F.	9.0%

**CIVIL ENGINEER**

ENGINEERING & ENVIRONMENTAL CONSULTANTS, INC.  
 555 E. RIVER ROAD, SUITE 301  
 TUCSON, ARIZONA 85704  
 ATTN.: RYAN R. STUCKI, P.E., LEED AP  
 TEL: (520) 321-4625  
 FAX: (520) 321-0333  
 EMAIL: rstucki@eecorp.com

**OWNER/DEVELOPER**

CITY OF TUCSON

**BASIS OF BEARING**

THE BEARINGS FOR THIS PROJECT ARE GRID BASED ON GPS OBSERVATIONS. THE MEASURED DIRECTION BETWEEN CITY OF TUCSON WATER GEODETIC CONTROL POINT #50038 C-116A AND CITY OF TUCSON WATER GEODETIC CONTROL POINT #50036 C-110A IS NORTH 66°01'52" WEST.

**BASIS OF ELEVATION**

THE ELEVATIONS FOR THIS PROJECT ARE BASED ON THE CITY OF TUCSON WATER GEODETIC CONTROL POINT #50038 C-116A THE ELEVATION OF SAID POINT BEING 2575.335' NAVD88

**BASIS OF COORDINATES**

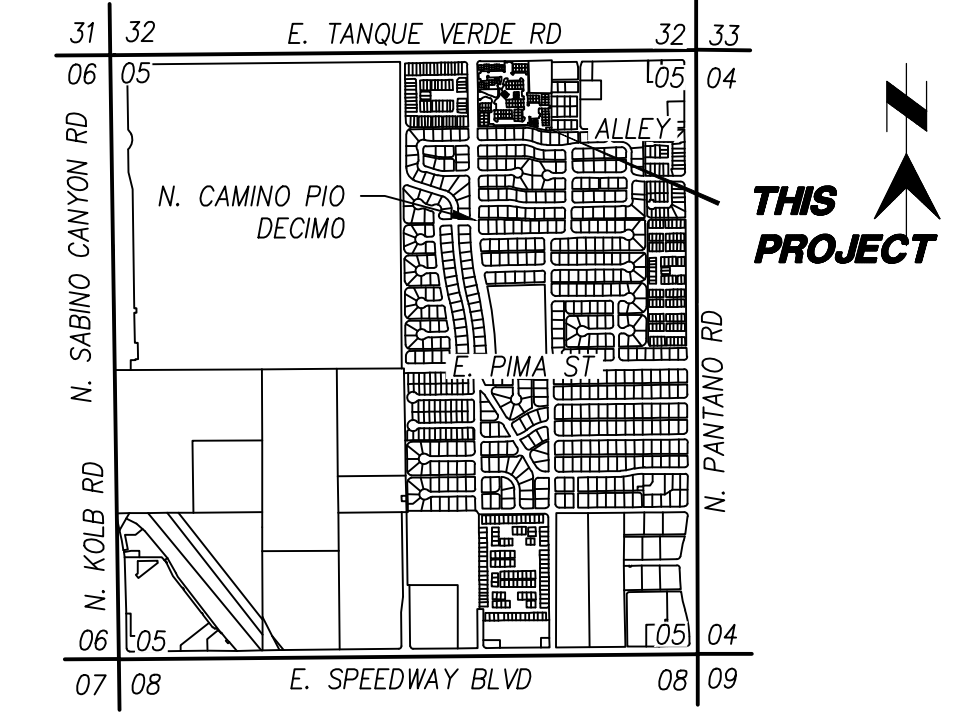
THE COORDINATES FOR THIS PROJECT ARE ARIZONA STATE PLANE-CENTRAL ZONE-INTERNATIONAL FEET (REFERENCE FRAME: NAD83 (2011)(EPOCH:2010.0000) BASED ON CITY OF TUCSON WATER GEODETIC CONTROL POINT #50038 C-116A.

#50038 C-116A HAS A COMBINED SCALE FACTOR OF 0.99991166. THIS SHOULD BE USED WHEN CONVERTING GROUND VALUES TO ARIZONA STATE PLANE CENTRAL ZONE (NAD83) VALUES.

#50038 C-116A HAS A 1/X COMBINED SCALE FACTOR OF 1.000088348. THIS SHOULD BE USED WHEN CONVERTING ARIZONA STATE PLANE CENTRAL ZONE (NAD83) VALUES TO GROUND VALUES.

**EXISTING UTILITY NOTE**

EXISTING UTILITY LOCATIONS, AS SHOWN ON THE PLANS, WERE COMPILED FROM UTILITY COMPANY BASE MAPS, RECORD PLANS AND ABOVE GROUND FEATURES. HOWEVER, UTILITY LOCATIONS ARE NOT TO BE CONSIDERED EXACT OR COMPLETE. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL WITH THE APPROPRIATE ORGANIZATION AND, IF NECESSARY, POTHOLE ANY AND ALL UTILITY LOCATIONS IN QUESTION. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES "IN-PLACE" UNLESS OTHERWISE NOTED ON THE CONSTRUCTION DOCUMENTS.



**SITE LOCATION MAP**

A PORTION OF SECTION 05  
 TOWNSHIP 14 SOUTH, RANGE 15 EAST G&SRM  
 CITY OF TUCSON, PIMA COUNTY, ARIZONA  
 SCALE: 3" = 1 MILE

**ADDRESS**

2294 N. CAMINO PIO DECIMO

**LEGEND**

- BOUNDARY LINE
- STREET CENTERLINE
- RIGHT OF WAY
- LANDSCAPE BORDER
- BUILDING SETBACK
- EXISTING PAVEMENT
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- EXISTING FENCE
- OHE EXISTING OVERHEAD ELECTRIC
- EXISTING WATER LINE
- EXISTING CONCRETE
- EXISTING STRUCTURE AS NOTED
- PROPOSED STRUCTURE AS NOTED

**SHEET INDEX**

- SHEET 1 OF 2 COVER SHEET AND SITE NOTES
- SHEET 2 OF 2 SITE PLAN

DEVELOPMENT PACKAGE FOR  
**WELL SITE C-112A**  
**SCADA UPGRADE**

A PORTION OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER, SECTION 05, T 14 S, R 15 E, G&SRM, CITY OF TUCSON, PIMA COUNTY, ARIZONA

DP21-\_\_\_\_\_

REF: COT ADMINISTRATIVE ADDRESS:  
 SE-21-\_\_\_ 2294 N. CAMINO PIO DECIMO  
 TUCSON, ARIZONA 85715  
 OCTOBER 2021  
 EEC JOB NO 15051.04

N:\15051.04 - Tucson - Water - SCADA - Well - C-112A\DP1\15051.03.dwg Plotfile: Oct 25, 2021 11:55am crsaza

NO.	DATE	REVISION	BY	CH	APPR



Engineering and Environmental Consultants, Inc.  
 555 E. River Road, Suite 301 | Tucson, Arizona 85704  
 Tel 520.321.4625 | Fax 520.321.0333

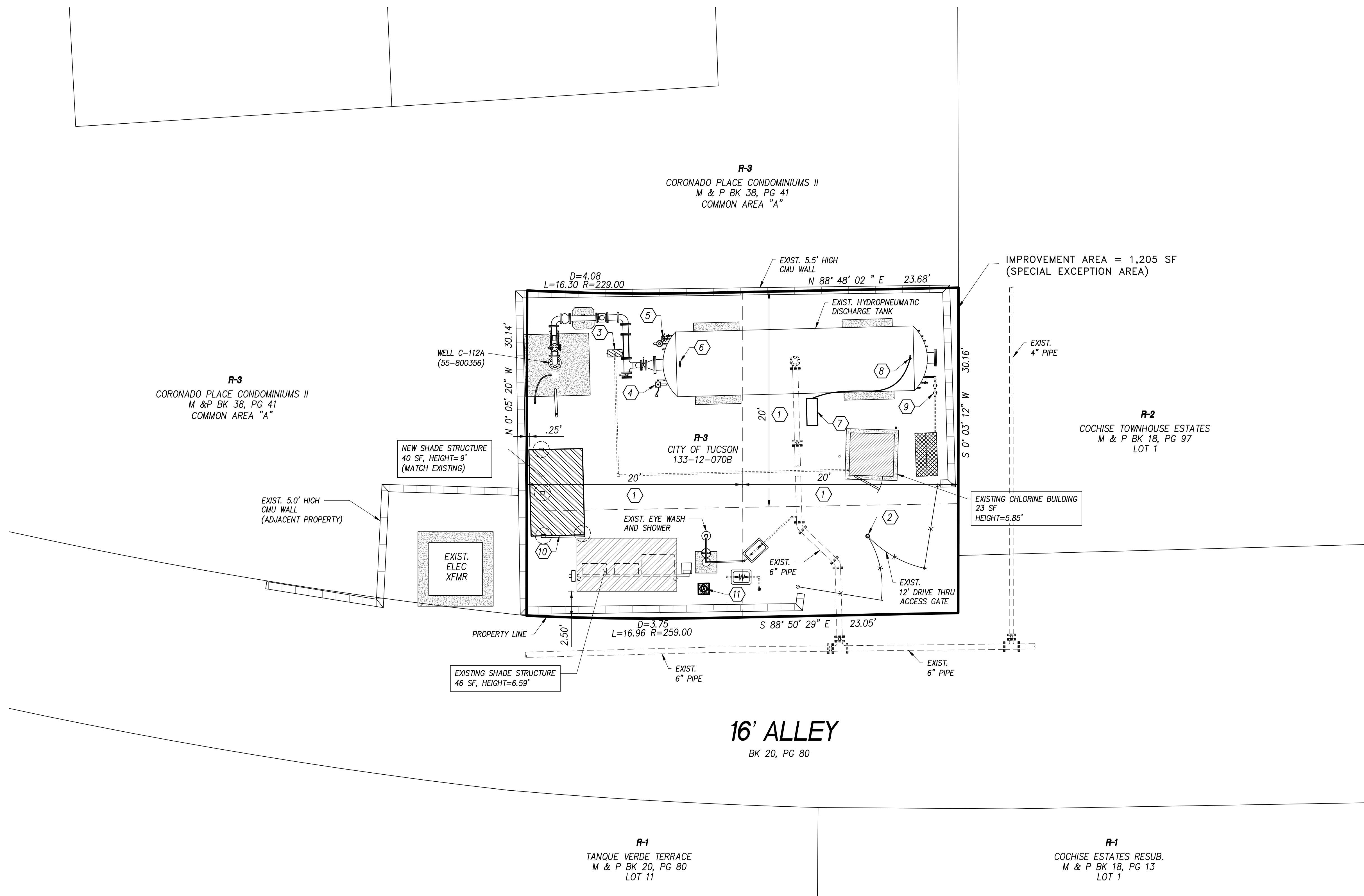
civil engineering • land development  
 surveying • environmental services  
 staking • flood control and drainage  
 transportation



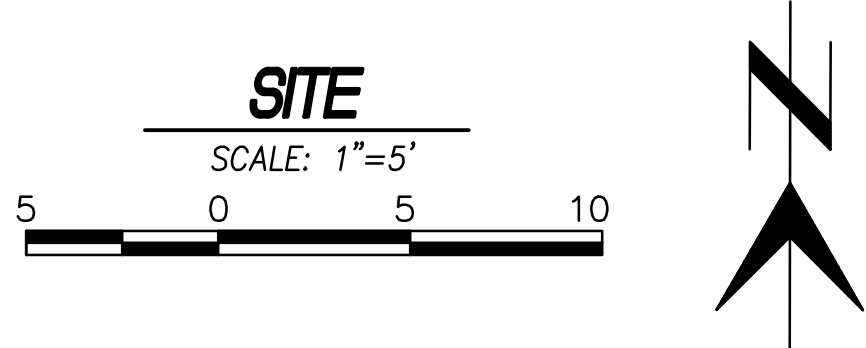
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**SITE KEYNOTES** ☒

1. PERIMETER YARD: 20' PER UDC SECTION 4.9.11.A.1
2. EXISTING GATE POST HOLE TO BE REPLACED WITH GATE MUSHROOM STOP
3. NEW DISINFECTION CONTAINMENT BOX ASSEMBLY
4. K-TEK LIQUID LEVEL ASSEMBLY
5. INSTALL PRESSURE GAUGE ASSEMBLY
6. RECONFIGURED POP SAFETY PRESSURE RELIEF VALVES
7. NEW PRESSURE CONTROL ASSEMBLY
8. NEW HYDRAULIC HOSE CONNECTION
9. NEW OIL SEPARATORS & PIPING ASSEMBLY
10. NEW SHADE STRUCTURE W/SUN SHADE (MATCH EXISTING SHADE STRUCTURE HEIGHT)
11. NEW ANTENNA, POST & FOUNDATION



**16' ALLEY**  
BK 20, PG 80



NO.	DATE	REVISION	BY	CH	APPR

**eec**  
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555 E. River Road, Suite 301 | Tucson, Arizona 85704  
Tel 520.321.4625 | Fax 520.321.0333

**ARIZONA 811**  
Call or text 811 or 1-800-877-8247 (725-8247)  
In Maricopa County (902) 265-1199

**Professional Engineer**  
RYAN RICHARD STUCKI  
11/01/2021  
Date signed  
ARIZONA, U.S.A.  
EXPIRES 09/30/2024

SITE PLAN  
DEVELOPMENT PACKAGE  
FOR  
**WELL SITE C-112A  
SCADA UPGRADE**  
A PORTION OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER,  
SECTION 05, T 14 S, R 15 E, G&SRM,  
CITY OF TUCSON, PIMA COUNTY, ARIZONA

REF: SE-21-\_\_\_\_  
OCTOBER 2021  
EEC JOB NO 15051.04

COT ADMINISTRATIVE ADDRESS:  
2294 N. CAMINO PIO DECIMO  
TUCSON, ARIZONA 85715

DP21-\_\_\_\_\_  
SHEET 2 OF 2