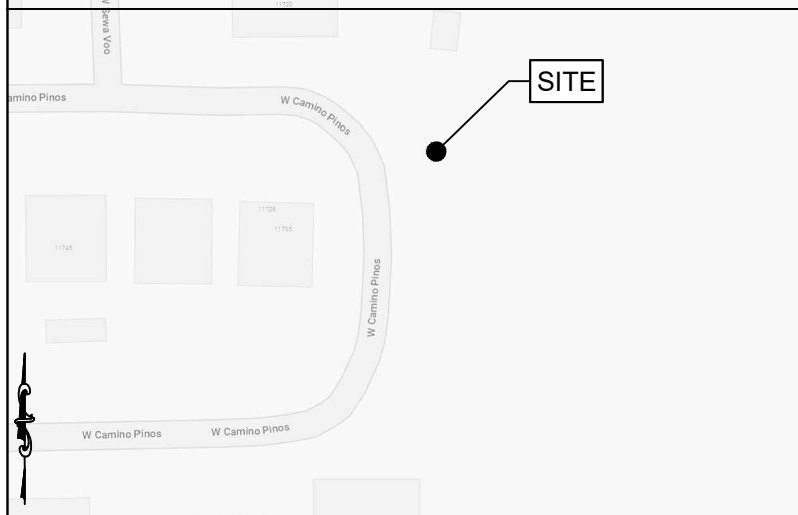


**LOCATION MAP**



**VICINITY MAP**



**Know what's below.  
Call before you dig.**

\*\*\* CAUTION \*\*\*  
THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

FOR EMERGENCIES CALL: 911

**PREPARED FOR:**



**PROJECT DESCRIPTION:  
PYT TOWERS  
SITE NAME:  
MARANA TOWER**

**PROJECT INFORMATION**

SITE ADDRESS: 11720-11738 W CAMINO PINOS MARANA AZ, 85653  
 LATITUDE: 32.446743 (NAD 83)  
 LONGITUDE: -111.215406 (NAD 83)  
 PARCEL ID: #####  
 JURISDICTION: #####  
 PROPERTY OWNER:  
 APPLICANT: PASQUA YAQUI TRIBE  
 4720 W Calle Tetakusim  
 Tucson, AZ 857571  
 ENGINEER: NATIVE NETWORK  
 250 EAST PENNY ROAD  
 WENATCHEE, WA 98801  
 POWER: #####  
 TELCO: #####  
 DESIGN DATA:  
 DESIGN CODE: #####  
 #####  
 #####  
 BASIC WIND SPEED: ### MPH (PER FBC)  
 EXPOSURE CATEGORY: #  
 STRUCTURAL RISK CATEGORY: II

**SHEET INDEX**

SHEET	DESCRIPTION	REV.
T-1	TITLE SHEET	#
T-2	CONSTRUCTION NOTES	#
T-3	SITE SIGNAGE	#
	SURVEY (2 SHEETS)	
C-1	OVERALL SITE PLAN	#
C-2	ENLARGED SITE PLAN	#
C-3.1	GRADING & EROSION CONTROL PLAN	#
C-3.2	GRADING & EROSION CONTROL PLAN	#
C-3.3	GRADING & EROSION CONTROL PLAN	#
C-3.4	EROSION CONTROL DETAILS	#
C-4	TOWER ELEVATION & ANTENNA CONFIGURATION	#
C-4.1	MICROWAVE DISH MOUNTING DETAILS	#
C-5	ACCESS DRIVE & COMPOUND DETAILS	#
C-6	ICE BRIDGE DETAILS	#
C-7	BOLLARD & FENCE DETAILS	#
C-8	DIESEL GENERATOR & ATS DETAILS	#
C-9	SHELTER DETAILS	#
E-1	ELECTRICAL NOTES	#
E-2	SITE SERVICE ROUTING & COMPOUND GROUNDING PLAN	#
E-3	EQUIPMENT GROUNDING PLAN	#
E-4	GROUNDING & TRENCHING DETAILS	#
E-5	GROUNDING DETAILS	#
E-6	UTILITY H-FRAME DETAILS	#
E-7	PANEL SCHEDULE & SINGLE LINE DIAGRAM	#
	TOWER FOUNDATION (REFERENCE ONLY)	#
	EQUIPMENT PLATFORM (REFERENCE ONLY) (5 SHEETS)	#



SEAL:


xx/xx/xx

PROJECT:  
**PYT TOWERS**  
  
 LOCATED AT:  
11720 W CAMINO PINOS, MARANA AZ, 85653

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_\_

LEASING \_\_\_\_\_

CONSTRUCTION \_\_\_\_\_

REVISIONS \_\_\_\_\_ DATE \_\_\_\_\_

ISSUED FOR: PERMIT/CONSTRUCTION  
 PROJECT MANAGER: CW  
 DRAWING BY: EK  
 DATE: 9/11/2023  
 TITLE:

TITLE SHEET  
 SHEET NUMBER: T-1  
 JOB/FILE NUMBER: #####

**GENERAL NOTES:**

1. FOR THE PURPOSE OF THE CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:  
 CONTRACTOR – GENERAL CONTRACTOR (CONSTRUCTION)  
 PROJECT MANAGER – NATIVE NETWORK
2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
4. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
7. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE ENGINEER.
8. CONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER, FIBER, AND GROUNDING CABLES SHOWN ON THE POWER & GROUNDING DRAWINGS.
9. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
10. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS OFFSITE.
11. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
12. CONTRACTOR SHALL HAVE A PRECONSTRUCTION MEETING WITH OWNER TO DISCUSS ALL ASPECTS OF THE CONSTRUCTION SCOPE OF THIS DRAWING TO ENSURE HE IS FAMILIAR AND UNDERSTANDS ALL REQUIREMENTS AND INTENT OF EACH ACTIVITY.
13. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.
14. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORMWORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
15. THE CONTRACTOR SHALL USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS, AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
16. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION, AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
17. IF REQUIRED, CONTRACTOR TO COORDINATE PROPOSED DRIVEWAY CONNECTION PERMIT WITH STATE OR LOCAL DOT OFFICE.

**SITE WORK GENERAL NOTES:**

1. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
2. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATION OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING & EXCAVATION.
3. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
4. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
5. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF OWNER AND/OR LOCAL UTILITY PROVIDER.
6. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS FOR SITE SIGNAGE.
7. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE BTS EQUIPMENT AND TOWER AREAS.
8. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW, OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
9. THE SUB GRADE UNDER THE PROPOSED EQUIPMENT PAD SHALL BE COMPACTED TO 98% PROCTOR AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
10. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED IN THE DRAWINGS AND IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
11. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.

**STRUCTURAL STEEL NOTES:**

1. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC 'MANUAL OF STEEL CONSTRUCTION'. PAINTED OR GALVANIZED SURFACES SHALL BE TOUCHED UP.
2. BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.

**CONCRETE AND REINFORCING STEEL NOTES:**

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 301, ACI 318, ACI 336, ASTM A184
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE; SLUMP: 2" MIN./4" MAX; AIR ENTRAINMENT: 45 TO 6% BY VOLUME; MAXIMUM COARSE AGGREGATE SIZE SHALL BE 1".
3. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185 WELDED STEEL WIRE REINFORCEMENT UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS 'B' AND ALL HOOKS SHALL BE STANDARD, UNLESS NOTED OTHERWISE.
4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

CONCRETE CAST AGAINST EARTH.....3"  
 CONCRETE EXPOSED TO EARTH OR WEATHER:  
     #6 AND LARGER.....3"  
     #5 AND SMALLER & WWF.....3"  
 CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:  
     SLAB AND WALL.....1½"  
     BEAMS AND COLUMNS.....1½"

5. A CHAMFER OF 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301.
6. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. IF DRILLING IN EXISTING CONCRETE, NO EXISTING REBAR WILL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL.
7. WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
8. ALL CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH ASTM C94. MAINTAIN TEMPERATURE OF CAST IN PLACE CONCRETE AT BETWEEN 50 DEGREES AND 90 DEGREES FARENHEIT.
9. DO NOT USE RETEMPERED CONCRETE, OR ADD WATER TO READY-MIX CONCRETE AT THE JOBSITE.
10. FOUNDATION INSTALLER SHALL INSURE THAT ALL PROTRUDING THREADS OF PROPOSED ANCHOR BOLTS SHALL BE MAINTAINED CLEAN AND FREE OF CONCRETE.
11. FOUNDATION DESIGN IS BASED ON SOIL WITH 2000 PSF BEARING CAPACITY. IF EXISTING SOIL DOES NOT HAVE A MINIMUM 2000 PSF BEARING CAPACITY CONTRACTOR SHALL EXTEND PERIMETER BEAM TO REACH SOIL WITH MINIMUM 2000 PSF BEARING CAPACITY.



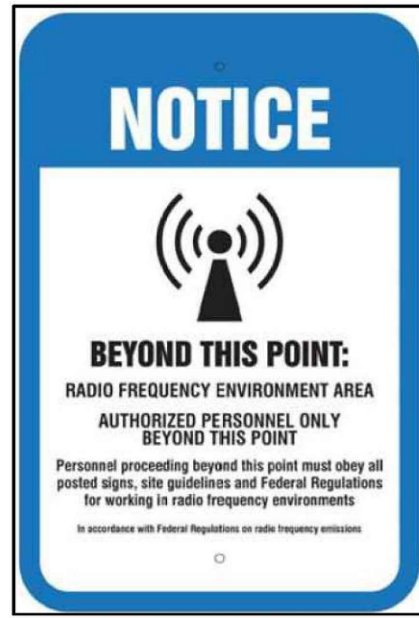
SEAL:	
	xx/xx/xx

PROJECT:  
**PYT TOWERS**  
 LOCATED AT:  
 11720 W CAMINO PINOS, MARANA AZ, 85653

APPROVALS	
CARRIER	_____
LANDLORD	_____
LEASING	_____
CONSTRUCTION	_____
REVISIONS	DATE
_____	_____
_____	_____
_____	_____

ISSUED FOR: PERMIT/CONSTRUCTION  
 PROJECT MANAGER: CW  
 DRAWING BY: EK  
 DATE: 9/11/2023  
 TITLE:

CONSTRUCTION NOTES  
 SHEET NUMBER: T-2  
 JOB/FILE NUMBER: #####



10'

14'

NOTICE RF SIGN (BLUE)  
 WHITE/BLUE BACKGROUND, WHITE/BLACK LETTERING.  
 MOUNTING LOCATION: GATE & CENTERLINE OF FENCING  
 AROUND SITE. (QTY. 4)  
 WHERE ACCESS GATE INSTALLED (QTY. 5)



12'

8'

FCC REGISTRATION SIGN  
 WHITE/GREEN BACKGROUND, WHITE/BLACK LETTERING.  
 MOUNTING LOCATION: GATE & BASE OF TOWER.  
 QUANTITY: 2



14'

10'

AUTHORIZED PERSONNEL SIGN  
 WHITE/BLUE BACKGROUND, WHITE/BLACK LETTERING.  
 MOUNTING LOCATION: GATE & BASE OF TOWER.  
 QUANTITY: 1  
 WHERE ACCESS GATE INSTALLED (QTY. 2)



14'

10'

DANGER NO TRESPASSING SIGN  
 WHITE/BLACK BACKGROUND, WHITE/BLACK LETTERING.  
 MOUNTING LOCATION: GATE & BASE OF TOWER.  
 QUANTITY: 1  
 WHERE ACCESS GATE INSTALLED (QTY. 2)



SEAL:


xx/xx/xx

PROJECT:

**PYT TOWERS**

LOCATED AT:  
 11720 W CAMINO PINOS, MARANA AZ, 85653

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_\_

LEASING \_\_\_\_\_

CONSTRUCTION \_\_\_\_\_

REVISIONS \_\_\_\_\_ DATE \_\_\_\_\_

ISSUED FOR: PERMIT/CONSTRUCTION

PROJECT MANAGER: CW

DRAWING BY: EK

DATE: 9/11/2023

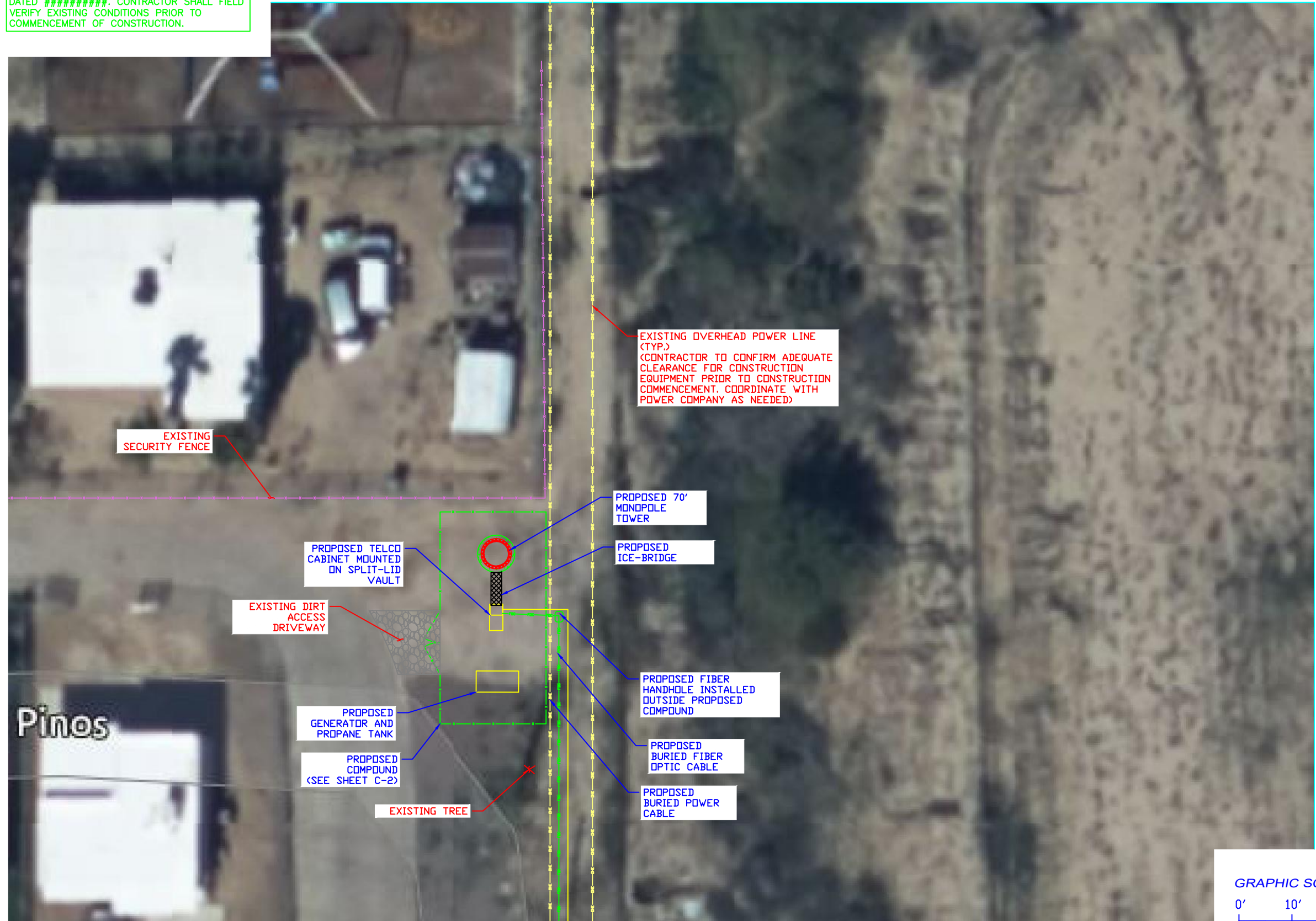
TITLE:

SITE SIGNAGE

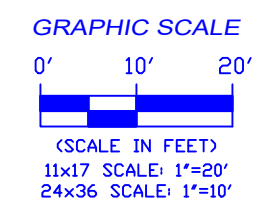
SHEET NUMBER: T-3

JOB/FILE NUMBER: #####

EXISTING CONDITIONS ARE BASED ON A SURVEY PREPARED BY #####, DATED #####. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.



**OVERALL SITE PLAN**



SEAL:


xx/xx/xx

PROJECT:  
**PYT TOWERS**  
 LOCATED AT:  
 11720 W CAMINO PINOS, MARANA AZ, 85653

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_\_

LEASING \_\_\_\_\_

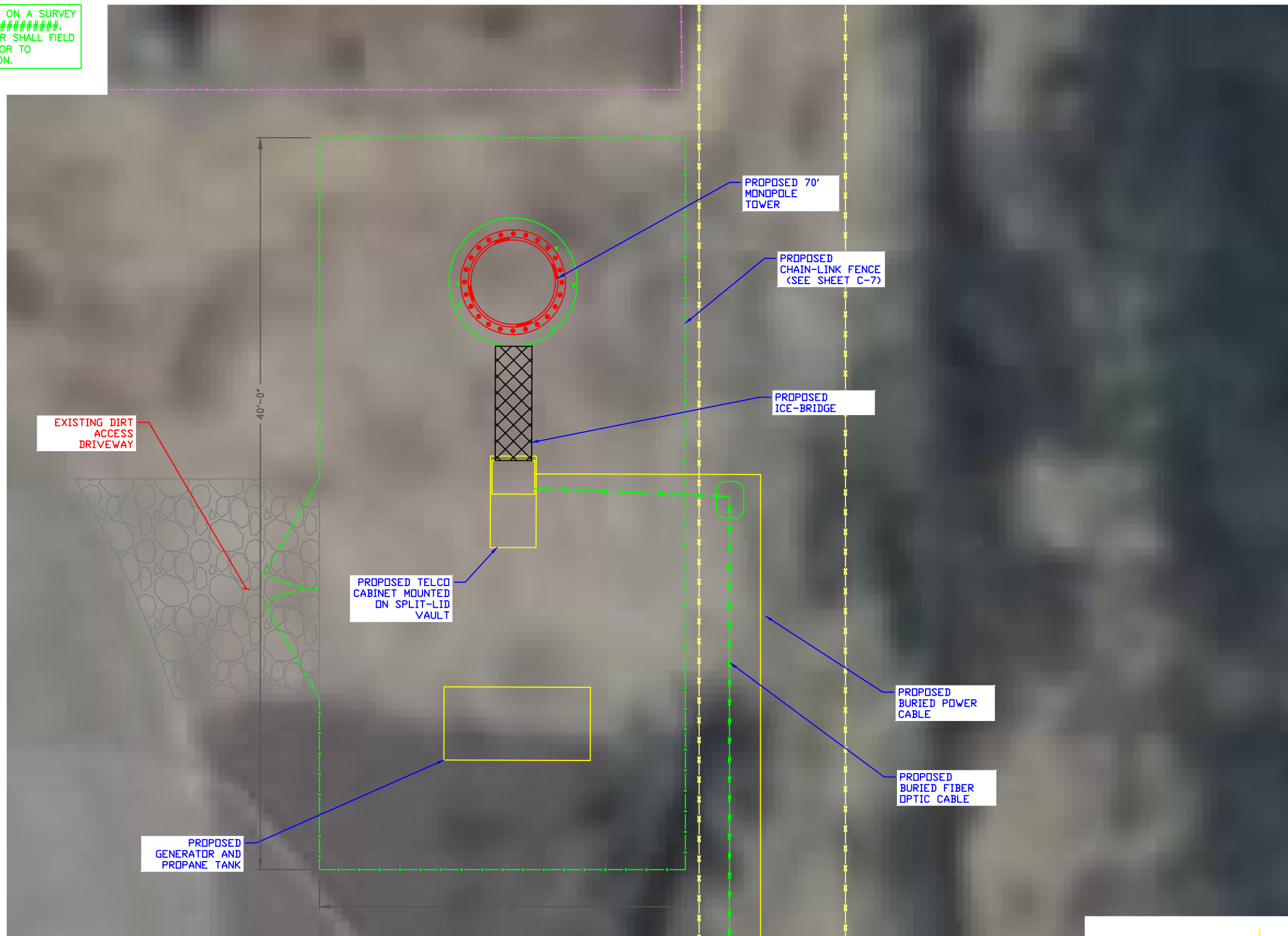
CONSTRUCTION \_\_\_\_\_

REVISIONS	DATE

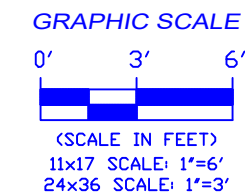
ISSUED FOR: PERMIT/CONSTRUCTION  
 PROJECT MANAGER: CW  
 DRAWING BY: EK  
 DATE: 9/11/2023  
 TITLE:

**OVERALL SITE PLAN**  
 SHEET NUMBER: C-1  
 JOB/FILE NUMBER: #####

EXISTING CONDITIONS ARE BASED ON A SURVEY PREPARED BY #####, DATED #####. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.



**ENLARGED SITE PLAN**



SEAL:


xx/xx/xx

PROJECT:  
**PYT TOWERS**  
 LOCATED AT:  
 11720 W CAMINO PINOS, MARANA AZ, 85653

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_\_

LEASING \_\_\_\_\_

CONSTRUCTION \_\_\_\_\_

REVISIONS	DATE

ISSUED FOR: PERMIT/CONSTRUCTION  
 PROJECT MANAGER: CW  
 DRAWING BY: EK  
 DATE: 9/11/2023  
 TITLE:

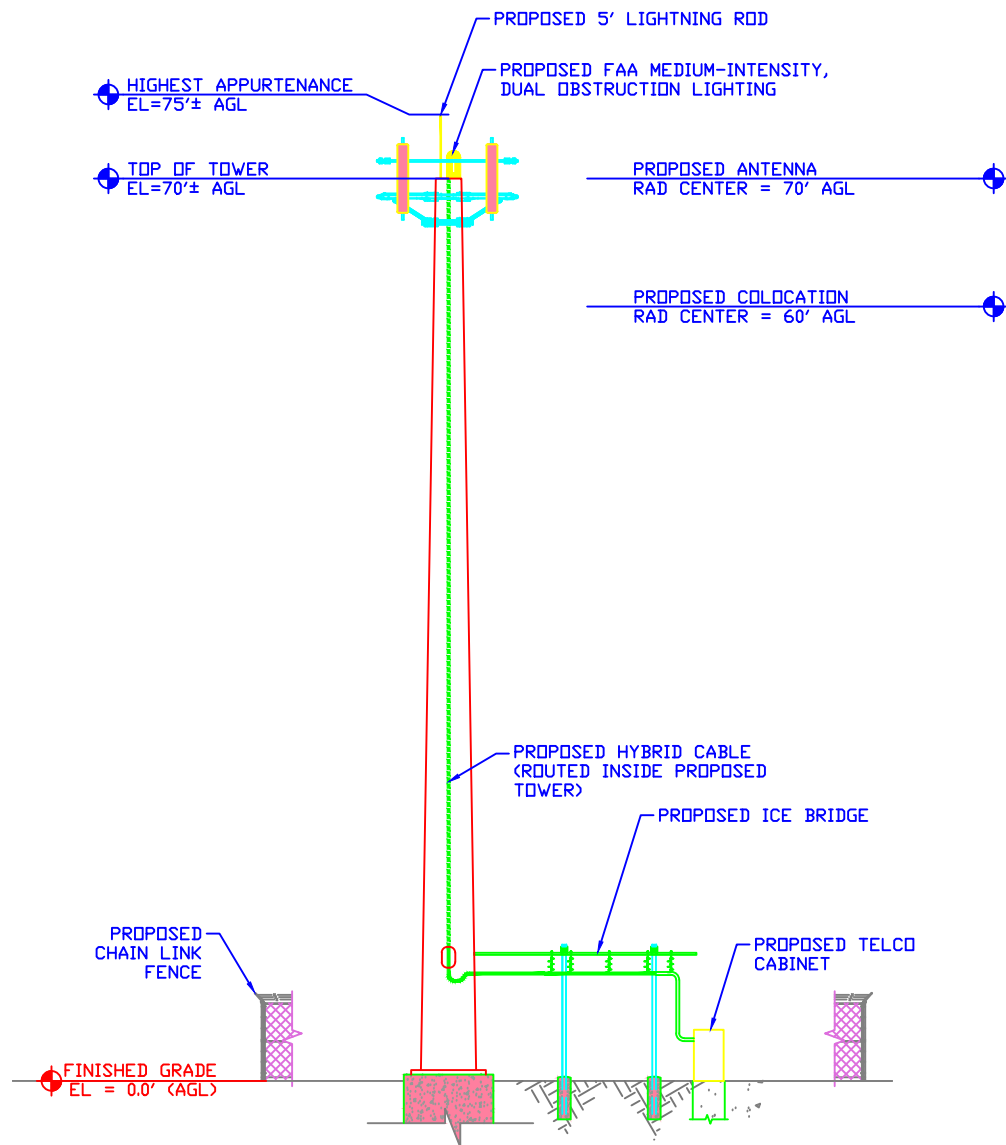
ENLARGED SITE PLAN

SHEET NUMBER: C-2

JOB/FILE NUMBER: #####

**TOWER NOTES:**

1. THE PROPOSED TOWER, FOUNDATION, ANTENNA MOUNTS, AND ANTENNAS DESIGNED BY OTHERS.
2. THE TOWER ELEVATION SHOWN IS FOR REFERENCE ONLY.
3. CONTRACTOR TO REFER TO FINAL TOWER DRAWINGS FOR DETAILS ON REQUIRED ANTENNA MOUNTING LAYOUT, COAX ROUTING AND ANY OTHER MODIFICATIONS THAT COULD AFFECT THE OVERALL TOWER STRUCTURAL CAPACITY.
4. CONTRACTOR TO FIELD VERIFY ANTENNA MOUNT CONFIGURATION AND PROVIDE MOUNTS OR ADDITIONAL HARDWARE IF REQUIRED TO SUPPORT PROPOSED ANTENNAS. ALL ANTENNAS AND MOUNTING HARDWARE SHALL CONFORM TO DESIGN REQUIREMENTS AS LISTED ON SHEET T-1.
5. RF INFORMATION SHOWN ON THESE PLANS IS BASED ON LATEST PROVIDED INFORMATION PROVIDED BY CLIENT. CONTRACTOR TO OBTAIN RFDS/ANTENNA LAYOUT FROM CLIENT AT TIME OF CONSTRUCTION FOR FINAL DESIGN AND ADVISE ENGINEER OF DEVIATIONS (IF ANY).
6. CENTERLINE OF THE ANTENNAS TO BE WITHIN 6" (VERTICALLY) OF THE CENTERLINE OF EACH SECTOR MOUNT, UNLESS SPECIFIED BY ENGINEER.



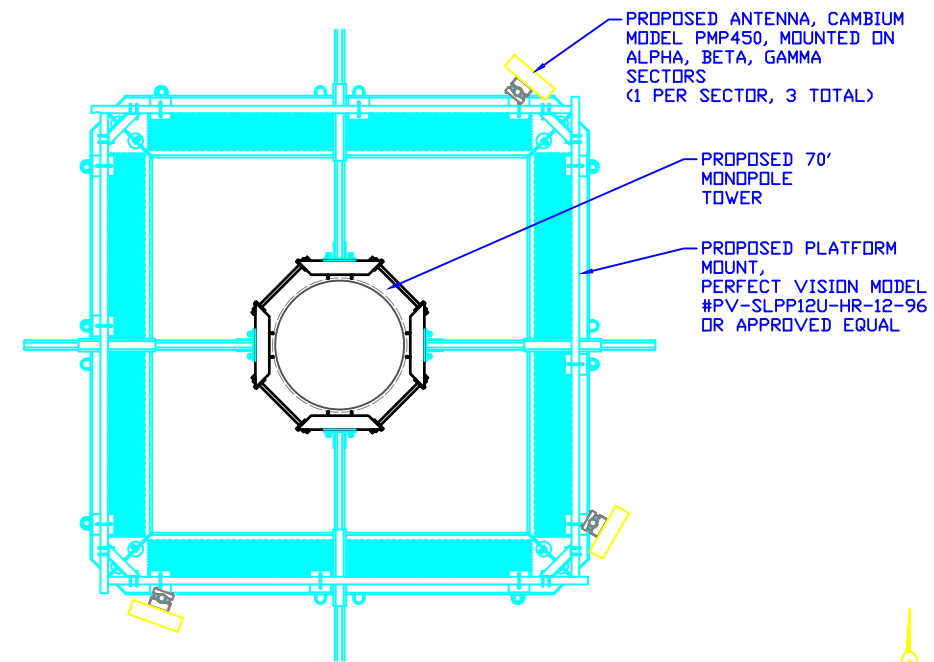
**TOWER ELEVATION**

NOT TO SCALE

PROPOSED NATIVE NETWORK LOADING			
EQUIPMENT	ELEVATION	AZIMUTH	MECH. DT
(1) CAMBIUM PMP450 5.1 GHz RADIO ANTENNA	70'-0"	40°	TBD
(1) CAMBIUM PMP450 5.1 GHz RADIO ANTENNA	70'-0"	120°	TBD
(1) CAMBIUM PMP450 5.1 GHz RADIO ANTENNA	70'-0"	200°	TBD
TBD		TBD	-
TBD		TBD	-
TBD		TBD	-
TBD		TBD	-
TBD		TBD	-
TBD		TBD	-

NOTE:  
GENERAL CONTRACTOR TO VERIFY ALL AZIMUTHS WITH MOST UP TO DATE ANTENNA LOADING DOCUMENTS.

NOTE:  
CONTRACTOR TO FIELD VERIFY ANTENNA MOUNT CONFIGURATION. NATIVE NETWORK IS TO PROVIDE MOUNTS AND/OR ADDITIONAL HARDWARE IF REQUIRED TO SUPPORT PROPOSED ANTENNAS. ALL ANTENNAS & MOUNTING HARDWARE SHALL CONFORM TO DESIGN REQUIREMENTS PER IBC & TIA. SITE SPECIFIC MOUNT ANALYSIS SHALL BE PERFORMED PRIOR TO INSTALLATION.



**PROPOSED ANTENNA ORIENTATION DETAIL**

NOT TO SCALE



SEAL:


xx/xx/xx

PROJECT:

**PYT TOWERS**

**LOCATED AT:  
11720 W CAMINO PINOS, MARANA AZ, 85653**

APPROVALS

CARRIER \_\_\_\_\_

LANDLORD \_\_\_\_\_

LEASING \_\_\_\_\_

CONSTRUCTION \_\_\_\_\_

REVISIONS	DATE

ISSUED FOR: PERMIT/CONSTRUCTION

PROJECT MANAGER: CW

DRAWING BY: EK

DATE: 9/11/2023

TITLE:

TOWER ELEVATION  
& ANTENNA  
CONFIGURATION

SHEET NUMBER: C-4

JOB/FILE NUMBER: #####

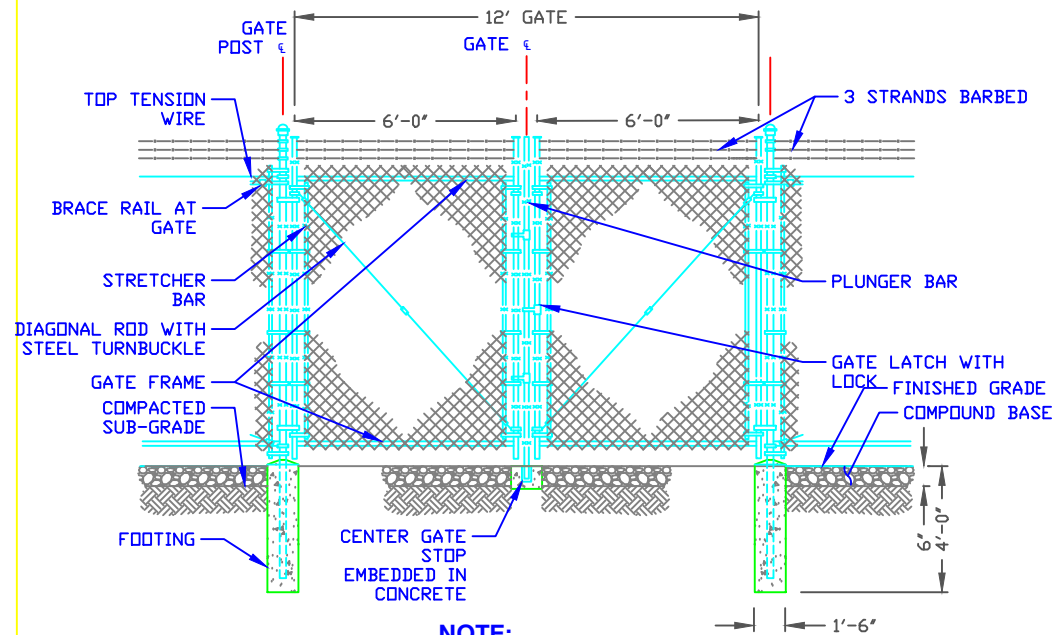
**FENCE NOTES:**

(INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F- 900)

1. GATE POST: 3½" DIA. SCHEDULE 40 PER ASTM-F 1083.
2. CORNER AND TERMINAL OR PULL POST: 3" DIA. SCHEDULE 40 PER ASTM-F 1083.
3. LINE POST: 2" DIA. SCHEDULE 40 PIPE PER ASTM-F 1083.
4. GATE FRAME: 1½" DIA. SCHEDULE 40 PIPE PER ASTM-F 1083.
5. TOP RAIL AND BRACE RAIL: 1½" DIA. SCHEDULE 40 PIPE PER ASTM-F 1083.
6. FABRIC: 9 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
7. TIE WIRE: MINIMUM 9 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HDG RINGS SPACED MAXIMUM 24" INTERVALS.
8. TENSION WIRE: 6 GA. GALVANIZED STEEL.
9. BARBED WIRE DOUBLE STRAND 12-½ GA. TWISTED WIRE TO MATCH WITH FABRIC 14 GA., 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
10. GATE LATCH: 1-¾" D.D. PLUNGER ROD WITH MUSHROOM TYPE CATCH AND LOCK, KEYED ALIKE FOR ALL SITES IN A GIVEN MTA.
11. COMPLY WITH ANY LOCAL ORDINANCES REQUIRING PERMITS FOR PLACEMENT OF BARBED WIRE.
12. WARNING SIGNS USING THE INTERNATIONAL SYMBOL OF ELECTRICAL SHOCK HAZARD SHALL BE FURNISHED AND INSTALLED ON THE EXTERIOR OF ALL SIDES OF THE MAIN PERIMETER FENCE AND THE GATE. ADDITIONALLY, SIGNS SHALL BE FURNISHED AND INSTALLED THAT STATE "NO TRESPASSING" IN ENGLISH. THE SIGNS SHALL BE IMPERVIOUS TO WEATHERING AND BE MOUNTED TO AVOID EASE OF REMOVAL BY VANDALS.

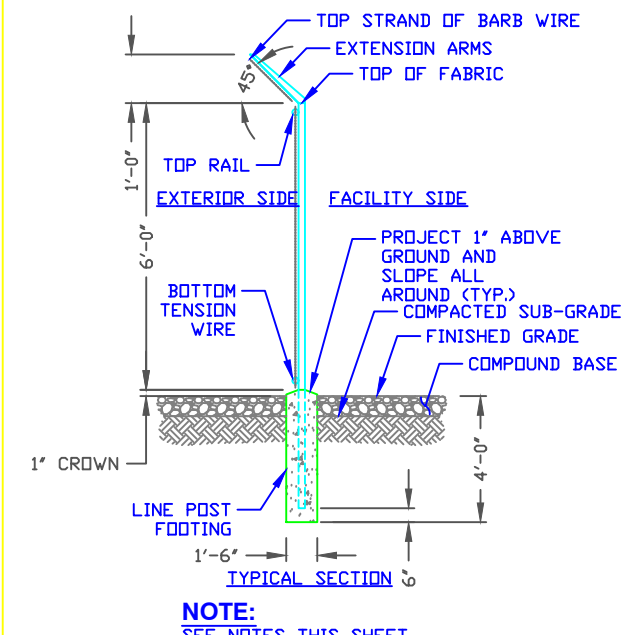
**TYPICAL WOVEN WIRE FENCING NOTES**

NOT TO SCALE



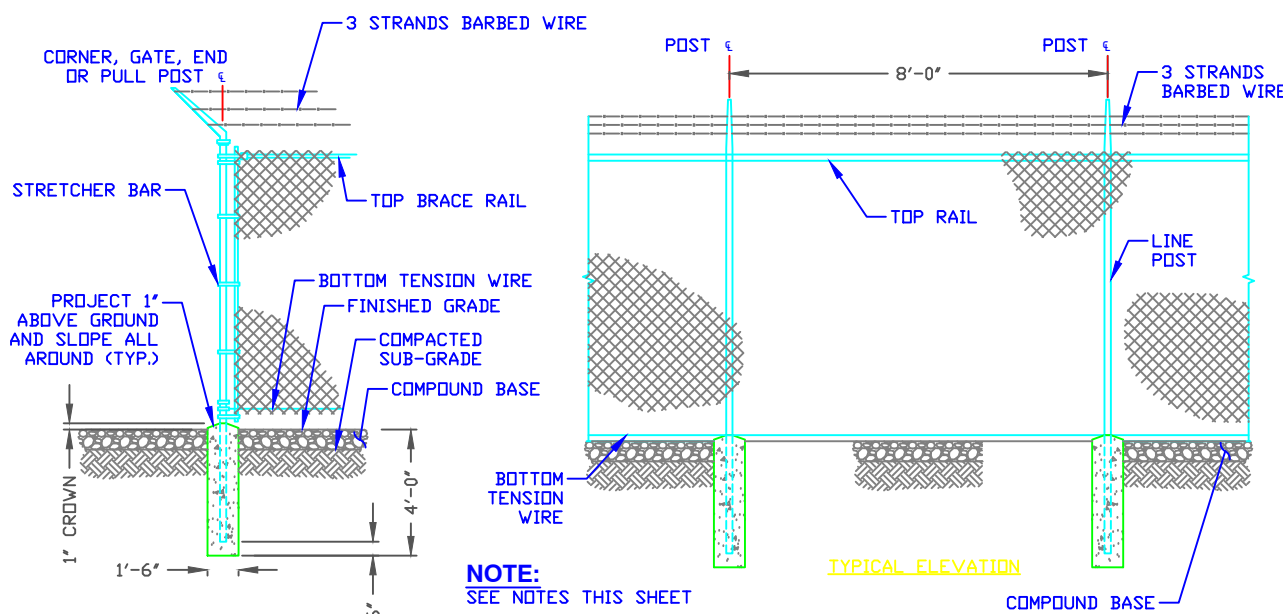
**DOUBLE SWING GATE DETAIL**

NOT TO SCALE



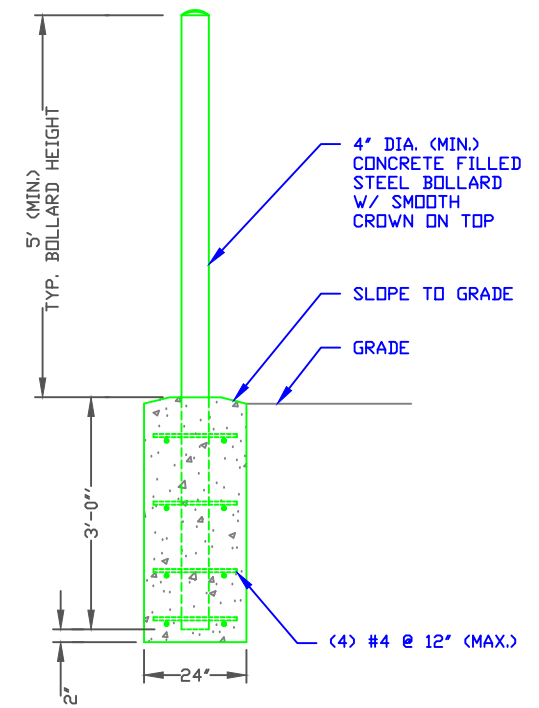
**WOVEN WIRE FENCE DETAIL**

NOT TO SCALE



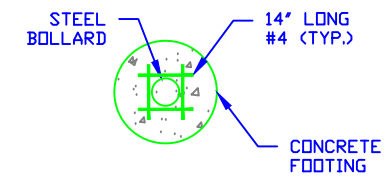
**WOVEN WIRE CORNER, GATE, END OR PULL POST DETAIL**

NOT TO SCALE



**BOLLARD DETAIL**

NOT TO SCALE



**PLAN**

NOT TO SCALE



SEAL:	
	xx/xx/xx

PROJECT:  
**PYT TOWERS**  
  
LOCATED AT:  
11720 W CAMINO PINOS, MARANA AZ, 85653

APPROVALS	
CARRIER	_____
LANDLORD	_____
LEASING	_____
CONSTRUCTION	_____
REVISIONS	DATE

ISSUED FOR: PERMIT/CONSTRUCTION  
PROJECT MANAGER: CW  
DRAWING BY: EK  
DATE: 9/11/2023  
TITLE:

BOLLARD & FENCE DETAILS  
SHEET NUMBER: C-7  
JOB/FILE NUMBER: #####