

**FEASIBILITY DRAFT REPORT FOR TUBAC FIRE
DISTRICT STATION 1**

FOR

USDA

DRAFT COVER

**FEASIBILITY DRAFT REPORT FOR TUBAC FIRE
DISTRICT STATION 1**

FOR

USDA

SECTION A - NEED OF THE FACILITY

FEASIBILITY DRAFT REPORT FOR TUBAC FIRE DISTRICT STATION 1

FOR

USDA

SECTION B - EXISTING FACILITIES

B. Narrative of Existing facilities.

Describe - include condition, adequacy, suitability for continued use and other pertinent information.

Tubac Fire District existing station 1 was built in 19XX and since that time has had numerous additions and modifications, including a modular storage and living units due to the need for more space. WSM prepared a needs assessment study based on the operations requirement for the station and found the existing building is no longer viable per NFPA guidelines for fire stations to meet the needs of the district and must be rebuilt. Location of the communications tower must also be moved for reuse of the site for the district.



Tubac Fire District Needs Assessment Study

Needs Assessment Process

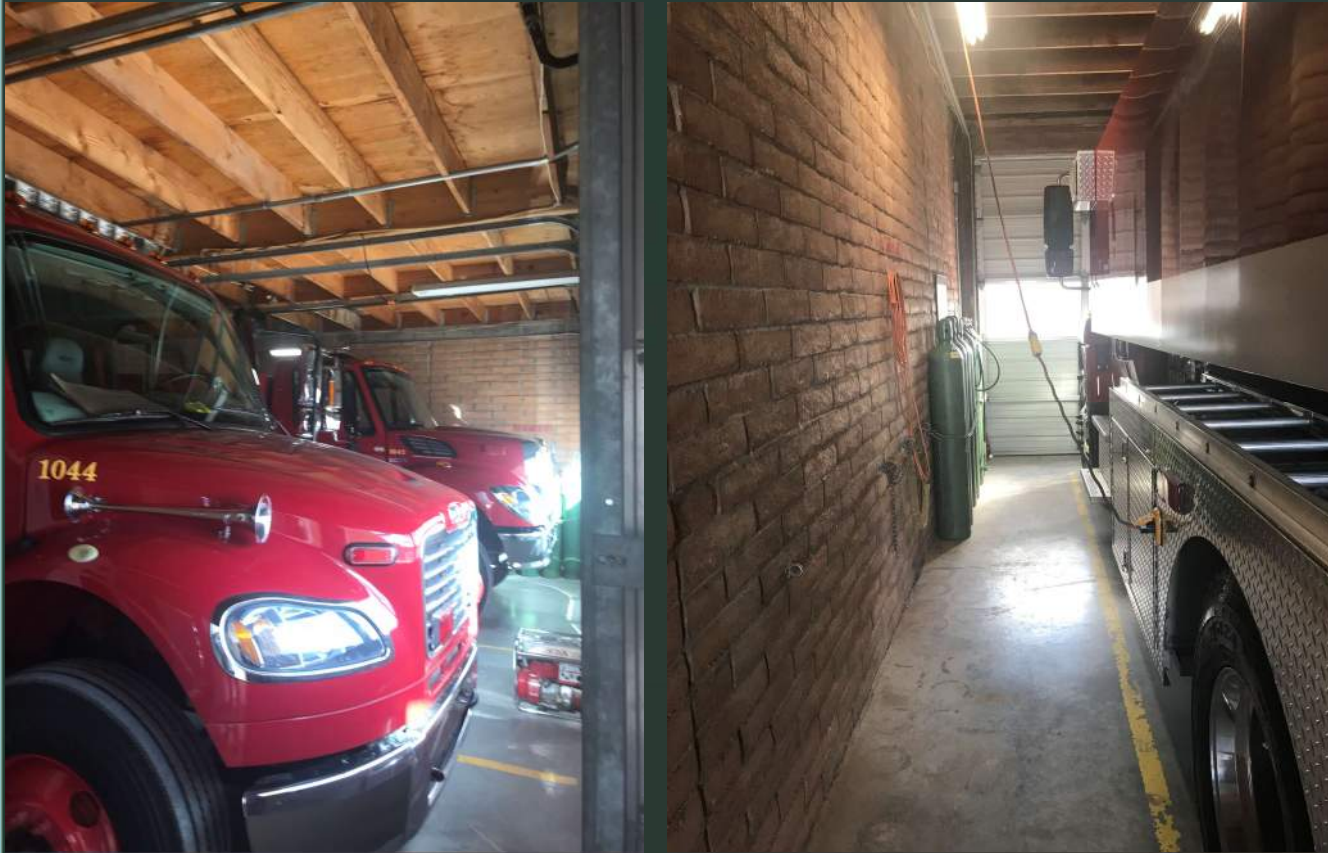
- Review of Existing Conditions
- Review current and future
 - Staff and operational organization
 - Service goals
- Develop list of program spaces needed to support service mission
- NFPA Fire Station Design Guidelines
- Develop square footage needed based on needs
- Test existing site for suitability to support the needs
- Develop prototypical site layout with needs
- Develop budget



Needs Assessment Process

- Review of Existing Conditions
- Existing station is an assembly of older structures, some meant to be temporary that limit functionality and operational flexibility.
- No automatic sprinkler system
- No site security
 - Protection of emergency equipment, fuel storage
 - District vehicles and personal vehicles

Tubac Fire District Needs Assessment Study



Tubac Fire District Needs Assessment Study

Needs Assessment Process

- Review of Existing Conditions
- No automatic sprinkler system
- Inadequate space
 - Low headroom & small bays limit type of apparatus that can be used
 - Clearance between equipment
- No ventilation of apparatus bays
- Back up into bays



Needs Assessment Process

- Review of Existing Conditions
- Low and narrow clearance at garage doors
- No site security
- Tower location limits new construction

Tubac Fire District Needs Assessment Study



Needs Assessment Process

- Review of Existing Conditions
- Low clearance
- No site security
- Storage in non-conditioned shipping containers
-

Tubac Fire District Needs Assessment Study



Needs Assessment Process

- Review of Existing Conditions
- Doesn't comply with ADA
 - Kitchen
 - Restrooms
 - Door Clearances etc.
- No dedicated fitness area

Tubac Fire District Needs Assessment Study

FEASIBILITY DRAFT REPORT FOR TUBAC FIRE DISTRICT STATION 1

FOR

USDA

SECTION C - PROPOSED FACILITIES

C. Narrative of Proposed Facility:

General description of proposed facility including design criteria adopted for continued use and other pertinent information.

Tubac Fire District is proposing the rebuild of station 1 including the district's administration office on its existing location. The project will include administration offices for the district including a public lobby for the offices and the station. The fire station will contain 3 apparatus bay with support spaces including decontamination area. The station's living quarters has a captain's office, fire fighter's study, kitchen, dining and dayroom. It will also have a fitness center and dorm rooms for 6 crew members. The exact program of rooms and areas is provided within the programming documents attached.

Tubac Fire District Station 1 Program Summary

Administration		
	Gross Area (sq. ft.)	Comments
Administration	2,715	

Fire Station #1		
Fire Station #1	7,895	

Building Total	10,610	
-----------------------	---------------	--

Exterior Areas		
Public Parking	9	size per training load- can share staff
Staff Parking	10	6 staff + 4 fire fighter stalls
Emergency Generator		

Tubac Fire District Administration Program

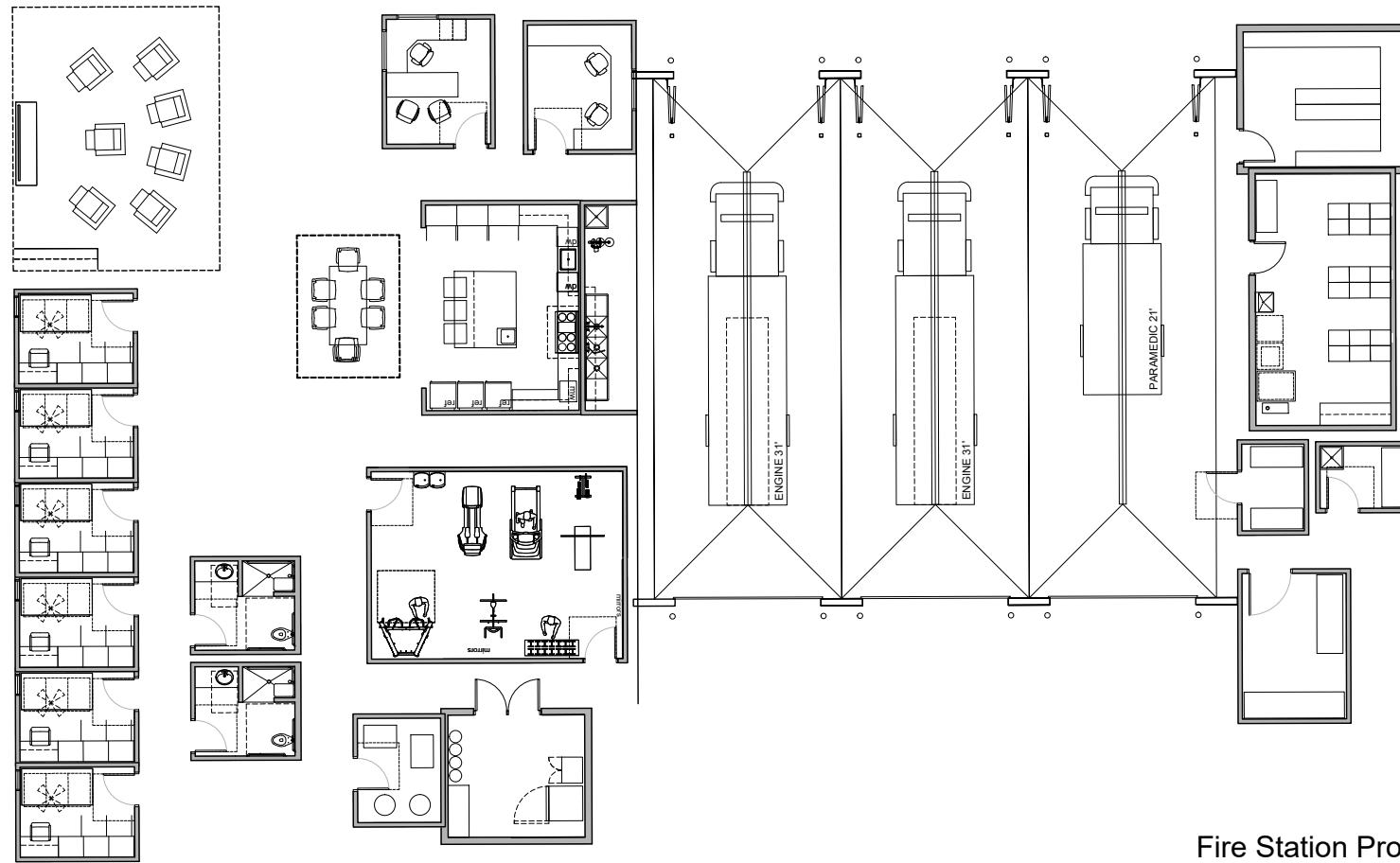
Division	Suite / Title	Name	Staff		Qty Spaces Needed	Type	Room Size (sq. ft.)	Net Area (sq. ft.)	Comments
			Current	Added 5+ yr					
Administration									
	Fire Chief	Ben Guerrero	1		1	PO	144	144	
	Deputy Chief Operations	Vacant	1		1	PO	144	144	
	Deputy Chief	Genaro Rivera	1		1	PO	144	144	
	Reception Counter		1		1		144	144	counter area
	Office Administrator				1		128	128	
			4					704	Net Total
Administration Division									
	Personnel Record Storage/ Archive Storage				1		158	158	Combined programs
			0	0				158	Net Total

Tubac Fire District Administration Program

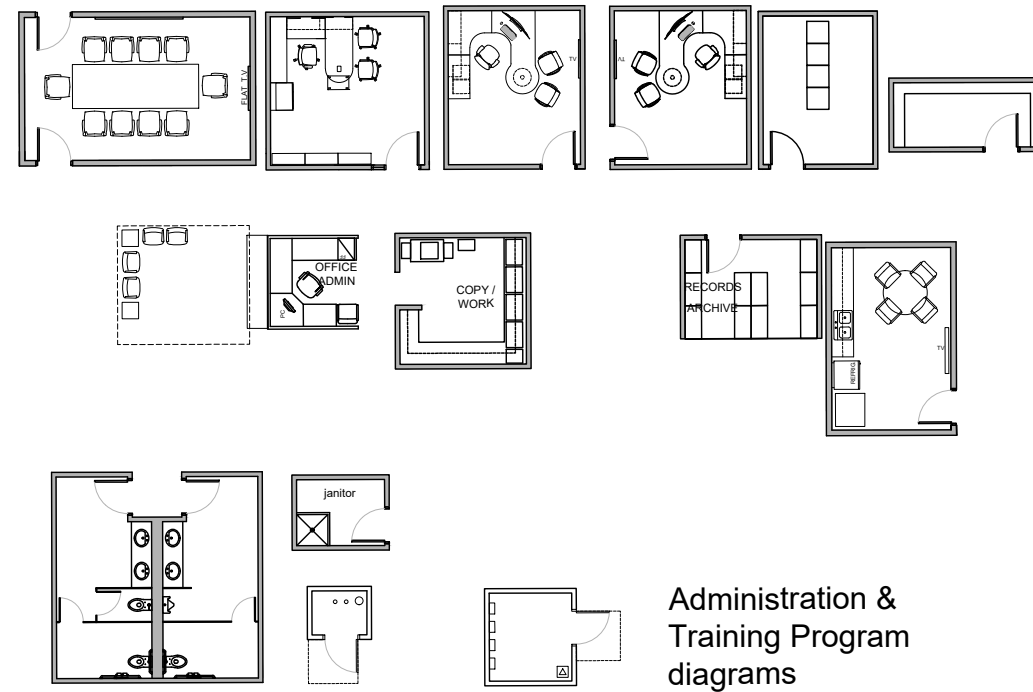
Division	Suite / Title	Name	Staff		Qty Spaces Needed	Type	Room Size (sq. ft.)	Net Area (sq. ft.)	Comments
			Current	Added 5+ yr					
Information Technology									
	Secured Server Room				1		89	89	verify rack size- radio needs No dedicated space. Combined with Comms
			0	0				89	Net Total
Fire Prevention & Investigation									
	Fire Marshal	Deputy Chief							
	Plan Counter				1		0	0	part of front counter, area for submittal processing
			0	0				0	Net Total
Common Use Areas									
	Public Shared Lobby				1		392	392	
	Reception Counter				0		96	0	See listing under "Administration"
	Women's Restroom				1		81	81	
	Men's Restroom				1		81	81	
	Med Conference Room	10 person max			1		294	294	Prox to Fire Chief
	Work/Copy/Mail Room				1		150	150	near front desk / admin
	Janitor				0		82	0	
	Break Area/Coffee Bar				1		60	60	
								1058	Net Total
STAFF TOTAL:			4	0					
							Net Square Footage Subtotal:	2,009	
							25% for Structure and Circulation:	502	
							Total Gross Square Footage:	2,511	
Exterior Areas									
	Public Parking								size per training load- can share staff
	Staff Parking	staff count							
	Emergency Generator								
									0 Department Total

Tubac Fire Station 1 - Program

	Quantity	Room Size (sq. ft.)	Net Area (sq. ft.)	Comments
Office and Public Spaces				
Captains' Office	1	155	155	
Firefighters' Study	1	125	125	2 ff max
Living Spaces				
Dayroom	1	210	210	Seats 4
Dining Room	1	250	250	dining table for 6
Kitchen	1	263	263	
Patio	1			exterior
Dorm Rooms	6	110	660	
Firefighters' Restrooms	2	100	200	2-unisex ADA each with showers
Janitor's Closet	1	82	82	
Apparatus Bays				
Apparatus Bays- List App below	3	1100	3300	drive through preferred 1 vehicle deep 18 x 50
Decontamination Alcove	1	85	85	
Equipment maintenance	1	127	127	
Support Spaces				
Fitness Room	1	428	428	vfy size
Laundry Room	0	128	0	vfy extractor / residential washer / dryer
Turnout Gear- PPE Storage / laundry	1	318	318	18 lockers for 3 shifts one set- storage for extra sets / extractor washer dryer
Medical Storage	1	115	115	10x10
Hose Storage	1	95	95	
Communications Room	0	100	0	Radio equipment UPS etc. coord with admin needs See Server room, admin program
Electrical Room	1	72	72	
Mechanical Room	0	80	0	No dedicated mechanical space
Fire Riser Room	0	20	0	Located in App Bay
General Storage	1	200	200	
Net Square Footage Subtotal:			6,685	
25% Net-to-gross Factor:			1,671	
Total Gross Square Footage:			8,356	
Public Parking	9			in admin prgram
Staff Parking	10			secured - enough for changing shifts



Fire Station Program Diagrams



Administration & Training Program diagrams

FEASIBILITY DRAFT REPORT FOR TUBAC FIRE DISTRICT STATION 1

FOR

USDA

SECTION D - BUILDING SITES

D. Narrative of site Building sites.

1. Amount of land required.
2. Location – Alt. locations.
3. Site plan.
4. Site suitability.

The location of the site is the current location of Fire Station 1, which is north of Tubac urban center off the I-19 frontage road (East of I-19). The site is central to the district's area of response. Its location is important regionally due to the proximity to I-19 to respond both north and south of the Site. The property is approximately 1.165 acres which is small for this size facility, but the district is limited to other site with kind of location. See the attached survey for additional information.

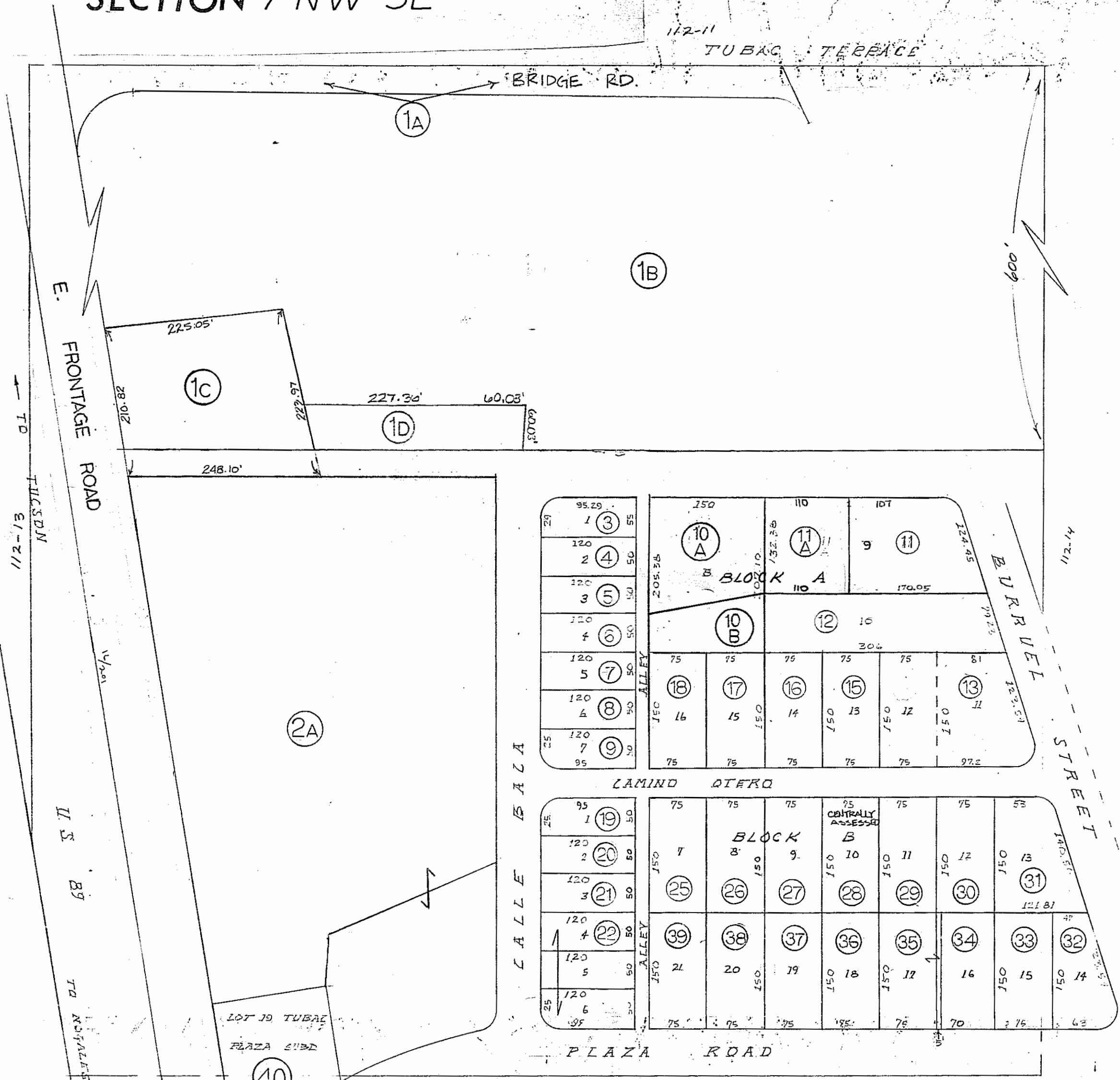
TOWNSHIP 21S RANGE 13E
SECTION 7NW SE

BOOK 112

MAP 15

BOOK 112
MAP 15

0501



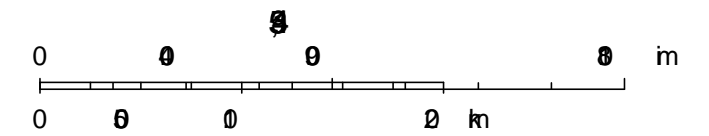
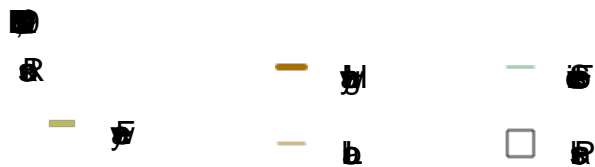
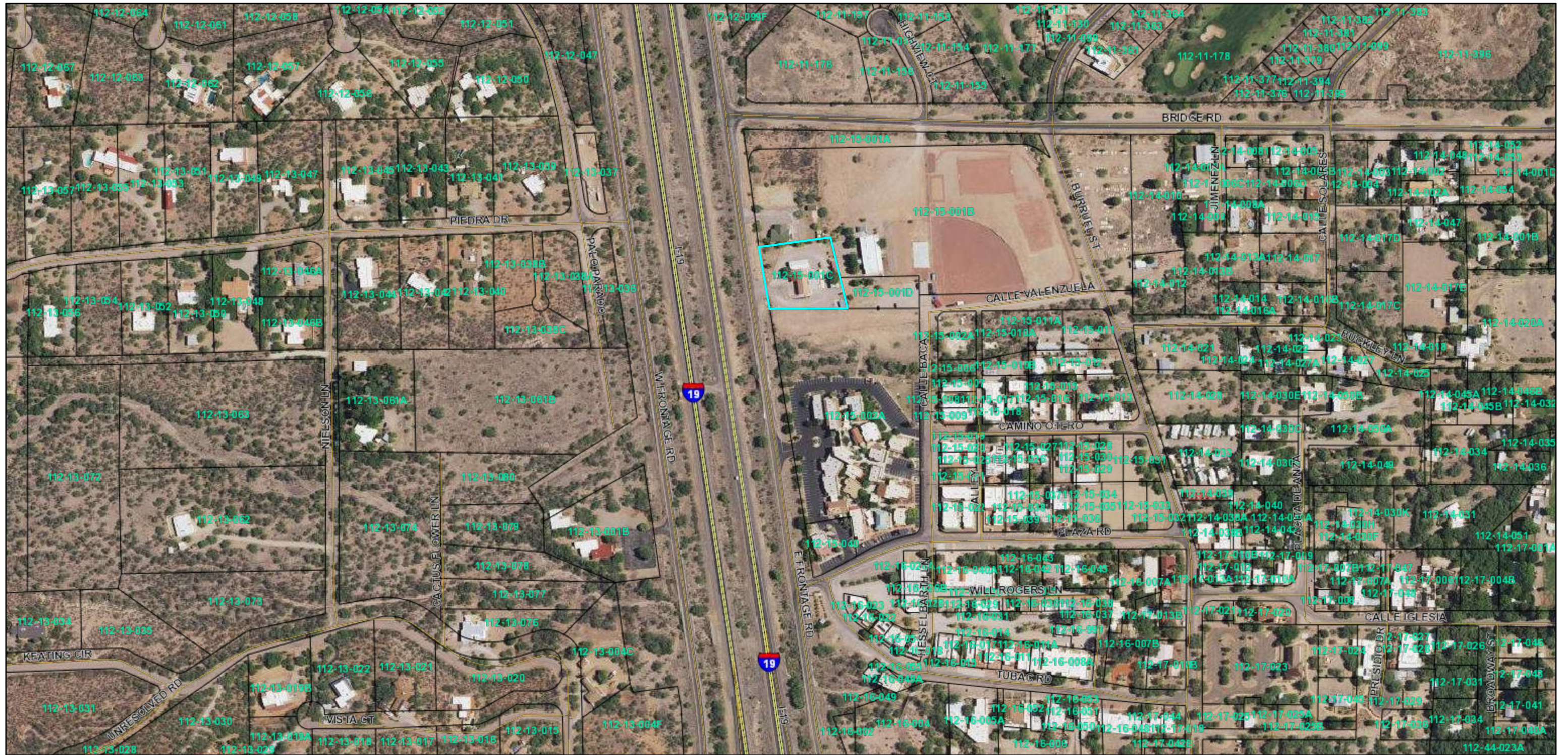
MAP CHANGE	DATE
Added Pt 11A From 11	5-21-84
SPLIT 1 TO 1B & 1C	9-15-90
SPLIT 10 TO A & B	1-16-97
ANNEXED 25	
COMBINED INTO 2A	7-30-01
COMBINED 23 AND 24 INTO 22	5-01-05
MADE 15 FROM 16	12-17-05

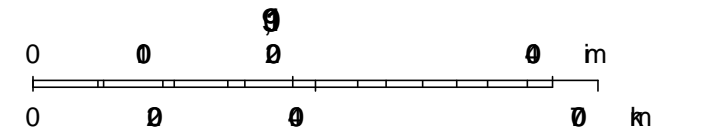
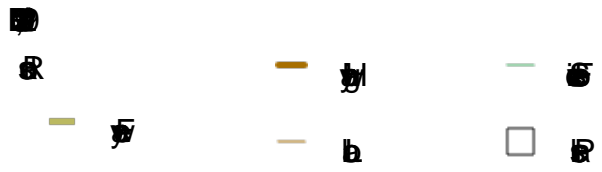


SCALE 1" = 120'

ROBERT E. HATHAWAY
SANTA CRUZ COUNTY ASSESSOR

21S -13E -7 NW SE





LEGAL DESCRIPTION (TITLE REPORT) APN: 112-15-001C

A PORTION OF LOT 5, SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, SANTA CRUZ COUNTY, ARIZONA, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE CENTER OF SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN.

THENCE SOUTH 89 DEGREES 11 MINUTES 07 SECONDS WEST, A DISTANCE OF 1.99 FEET TO THE EAST RIGHT-OF-WAY LINE OF INTERSTATE 19;
 THENCE SOUTH 08 DEGREES 27 MINUTES 50 SECONDS EAST, A DISTANCE OF 393.37 FEET ALONG THE EAST RIGHT-OF-WAY LINE OF I-19 TO THE TRUE POINT OF BEGINNING;
 THENCE SOUTH 08 DEGREES 27 MINUTES 50 SECONDS EAST, A DISTANCE OF 210.82 FEET ALONG THE EAST RIGHT-OF-WAY LINE OF INTERSTATE I-19;
 THENCE NORTH 89 DEGREES 15 MINUTES 07 SECONDS EAST, A DISTANCE OF 248.10 FEET ALONG THE CENTERLINE OF STREET CAMINO VALENZUELA;
 THENCE NORTH 13 DEGREES 41 MINUTES 13 SECONDS WEST, A DISTANCE OF 223.97 FEET;
 THENCE SOUTH 84 DEGREES 37 MINUTES 32 SECONDS WEST, A DISTANCE OF 225.05 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPT ANY PORTIONS CONVEYED TO SANTA CRUZ COUNTY IN DEED RECORDED JANUARY 16, 1990 IN DOCKET 517 AT PAGE 89.

SUBJECT TO ANY PORTION LYING WITHIN THE CAMINO VALENZUELA RIGHT-OF-WAY AS IT NOW EXISTS.

SURVEYOR'S NOTE: (THE EXCEPTED AREA CONVEYED TO SANTA CRUZ COUNTY DOES NOT AFFECT THE SUBJECT PARCEL. THE NORTH PROPERTY LINE WAS ESTABLISHED PER DEED AND OLD FENCE POST FOUND DURING THE COURSE OF SURVEY.)

FLOOD ZONE DESIGNATION

THE SUBJECT SITE SHOWN HEREON APPEARS TO BE WITHIN FLOOD ZONE "X" AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FIRM MAP NO. 04023C0231C DATED 12/02/11.

FLOOD ZONE "X" IS DEFINED AS: AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN; DETERMINED TO BE OUTSIDE THE 1% AND 0.2% ANNUAL CHANCE FLOODPLAINS.

TITLE REPORT SCHEDULE "B II" ITEMS

A. ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I—REQUIREMENTS ARE MET.

- PROPERTY TAXES, WHICH ARE A LIEN NOT YET DUE AND PAYABLE, INCLUDING ANY ASSESSMENTS COLLECTED WITH TAXES TO BE LEVIED FOR THE YEAR 2023. SURVEYOR'S NOTE: (NOT A SURVEY MATTER)
- LIABILITIES AND OBLIGATIONS IMPOSED UPON SAID LAND BY ITS INCLUSION WITHIN ANY DISTRICT FORMED PURSUANT TO TITLE 48, ARIZONA REVISED STATUTES. SURVEYOR'S NOTE: (MAY AFFECT, NOT PLOTTABLE)

BASIS OF BEARING

SOUTH 8° 54' 00" EAST ALONG THE EAST RIGHT-OF-WAY LINE FOR THE NORTHBOUND FRONTAGE ROAD OF INTERSTATE 19 BETWEEN BRIDGE ROAD TO THE ANGLE POINT IN THE RIGHT-OF-WAY LINE SOUTH OF TUBAC ROAD.

BENCHMARK

AN ELEVATION OF 3235.49 WAS HELD ON A FOUND ALUMINUM CAP STAMPED SANTA CRUZ COUNTY GIS, SURVEY CONTROL POINT SCC-5, LOCATED SOUTH OF THE INTERSECTION OF NORTHBOUND I-19 FRONTAGE ROAD, SOUTH OF TUBAC ROAD.

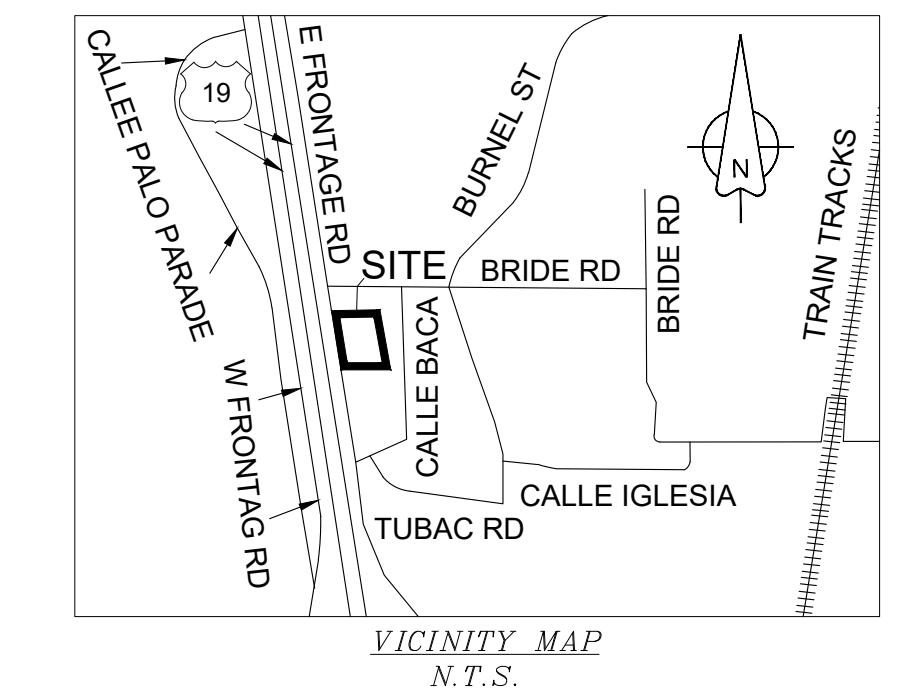
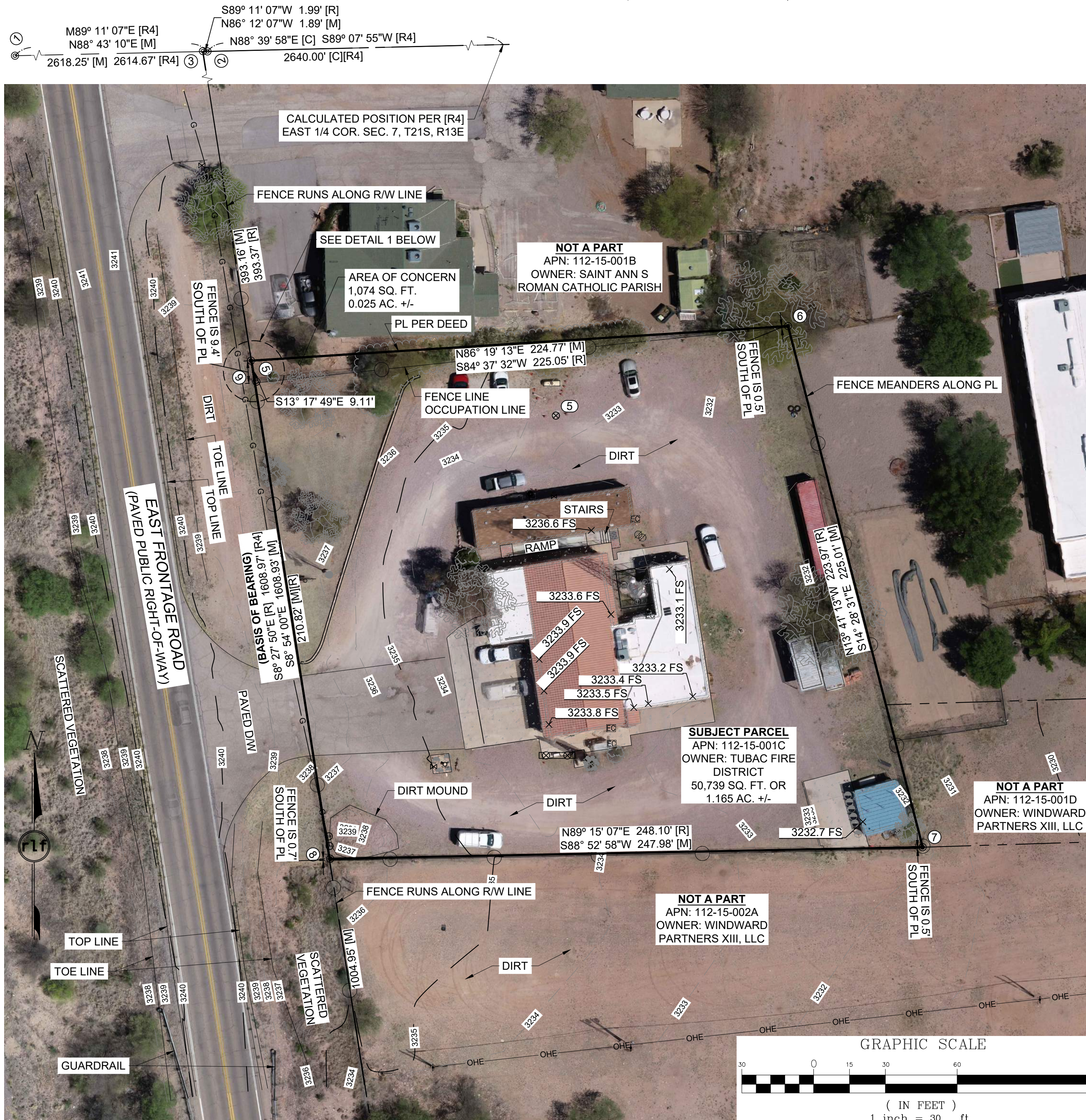
SURVEY CONTROL

THE FOLLOWING PARAMETERS WERE SET FOR THE BASIS OF THIS SURVEY:
 SYSTEM: UNITED STATES STATE PLANE 1983
 ZONE: ARIZONA CENTRAL 0202
 GROUND ADJUSTMENT FACTOR: 1.000012
 HORIZONTAL DATUM: NAD 83/92
 GEOID: ARIZONA GEOID 18
 VERTICAL DATUM: NAVD 88
 UNITS: INTERNATIONAL FEET
 (1 FOOT = 0.3048 METERS EXACTLY)

RLF SCALE POINT: 1510
 SOURCE: SANTA CRUZ COUNTY GIS CONTROL POINT
 NORTHING (Y): 223,742.00
 EASTING (X): 969,262.64

ALTA/NSPS LAND TITLE SURVEY

A PORTION OF GLO LOT 5, SITUATE IN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER MERIDIAN, SANTA CRUZ COUNTY, ARIZONA:



GENERAL NOTES

- GLOBAL POSITIONING SATELLITE (G.P.S.) INSTRUMENTATION WAS USED DURING THE COURSE OF THE FIELD SURVEY. ALL DISTANCES REFERENCED HEREON HAVE BEEN CALCULATED TO GROUND DISTANCES USING A COMBINED SCALE FACTOR OF 1.000012.
- MEASUREMENTS SHOWN HEREON FALL WITHIN ACCEPTABLE TOLERANCES AS DEFINED BY THE ARIZONA MINIMUM BOUNDARY STANDARDS UNLESS OTHERWISE NOTED.
- DISTANCES AND BEARINGS ARE MEASURED VALUES UNLESS NOTED OTHERWISE.
- THE SURVEYOR HAS MADE NO ATTEMPT AND HAS NOT OBTAINED ANY INFORMATION RELATING TO, AND HAS NO KNOWLEDGE OF ANY PROPOSED RIGHT-OF-WAYS, EASEMENTS, OR DEDICATIONS THAT ANY MUNICIPALITY, INDIVIDUAL OR GOVERNMENTAL AGENCY MAY HAVE MADE OR MAY REQUIRE.
- THE DESCRIPTION OF PROPERTY BOUNDARIES AND EASEMENTS SHOWN HEREON, REPRESENT THAT INFORMATION PROVIDED IN COMMITMENT FOR TITLE INSURANCE ORDER NO. FP90230284, PREPARED BY COMMONWEALTH LAND TITLE INSURANCE, INC., DATED APRIL 10, 2023 AT 7:30 A.M. ANY INFORMATION SHOWN WHICH MAY VARY FROM THE CONTENTS OF THE REPORT(S) NOTED ABOVE, REPRESENTS INFORMATION AND MEASUREMENTS FOUND DURING THE COURSE OF THE SURVEY.
- THERE WAS NO OBSERVABLE EVIDENCE OF THIS SITE BEING USED AS A SOLID WASTE DUMP DURING THE COURSE OF THIS SURVEY. EXCEPT AS SHOWN HEREON THERE WAS NO EVIDENCE OF RIGHT-OF-WAY LINES EITHER EXISTING OR PROPOSED DURING THE COURSE OF THIS SURVEY.
- THERE IS NO OBSERVABLE EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.
- THERE IS NO EVIDENCE FOUND OF EARTH MOVING DURING THE COURSE OF THIS SURVEY.

TABLE "A" NOTES

- MONUMENTS ARE PLACED (OR A REFERENCE MONUMENT OR WITNESS TO THE CORNER) AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE SURVEYED PROPERTY, UNLESS ALREADY MARKED OR REFERENCED BY EXISTING MONUMENTS OR WITNESSES IN CLOSE PROXIMITY TO THE CORNER.
- SITE ADDRESS: 2227 E FRONTAGE RD, TUBAC, ARIZONA
- GROSS LAND AREA:..... 50,739 SQ. FT. OR 1.165 AC. +/-
- THERE WERE NO SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.
- THERE WERE NO PARKING SPACES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.
- EVIDENCE OF UNDERGROUND UTILITIES EXISTING ON OR SERVING THE SURVEYED PROPERTY (IN ADDITION TO THE OBSERVED EVIDENCE OF UTILITIES REQUIRED PURSUANT TO SECTION 5.E.IV.) AS DETERMINED BY:
 (A) PLANS AND/OR REPORTS WERE NOT PROVIDED BY CLIENT
- NAMES OF ADJOINING OWNERS ACCORDING TO CURRENT TAX RECORDS ARE SHOWN ON THE SURVEY.
- THERE WAS NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.

REFERENCE DOCUMENTS

- [R] SUPPLEMENTAL PLAT OF TOWNSHIP NO. 21 SOUTH, RANGE NO. 13 EAST, GILA AND SALT RIVER MERIDIAN, ARIZONA, FILED JANUARY 19, 1915 BY BUREAU OF LAND MANAGEMENT
- [R1] BARGAIN AND SALE DEED, RECORDED IN BOOK 11, PAGE 303, SANTA CRUZ COUNTY RECORDS (SCCR)
- [R2] QUIT CLAIM DEED, RECORDED AS RECEPTION NO. 2006-06250, SCCR
- [R3] AFFIDAVIT OF PROPERTY VALUE, RECORDED AS RECEPTION NO. 2008-11540, SCCR
- [R4] RIGHT OF WAY PLAN OF THE NOGALES-TUCSON STATE HIGHWAY, PROJECT NO. I-19-1(28), ARIZONA DEPARTMENT OF TRANSPORTATION, FILED AS RIGHT OF WAY MAP NO. D-12-T-325

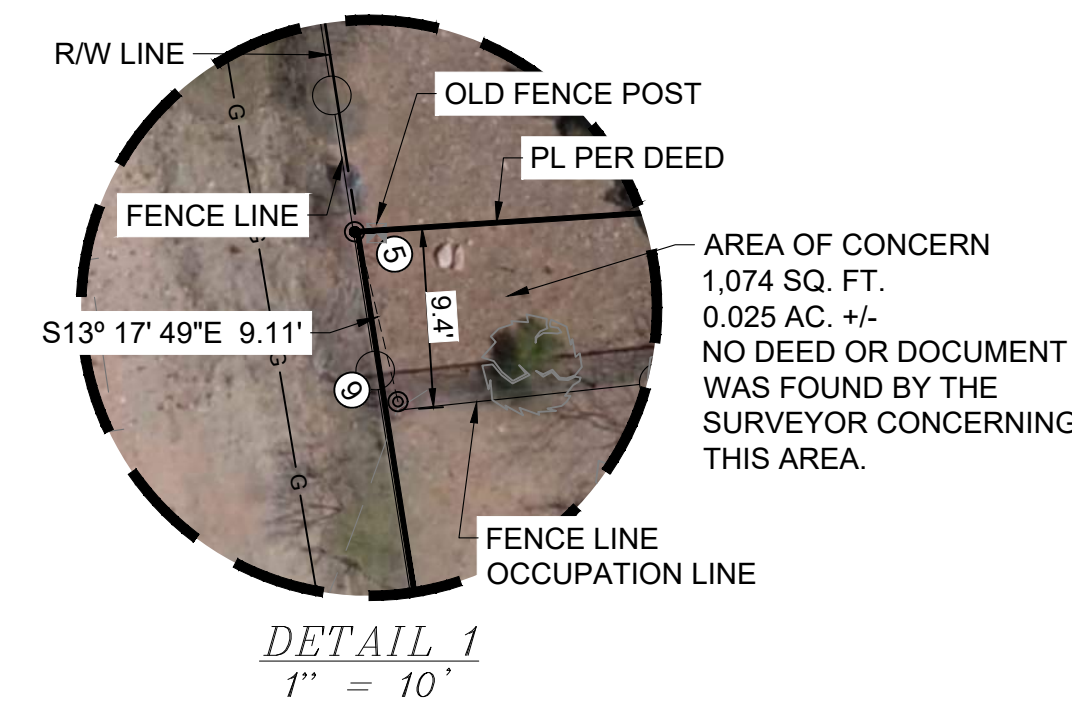
CERTIFICATION

TO: TUBAC FIRE STATION IN TUBAC, ARIZONA
 COMMONWEALTH LAND TITLE INSURANCE COMPANY, A FLORIDA CORPORATION

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS. JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 4, 8, 9, 11A, 13 & 16 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON 04/21/2023.

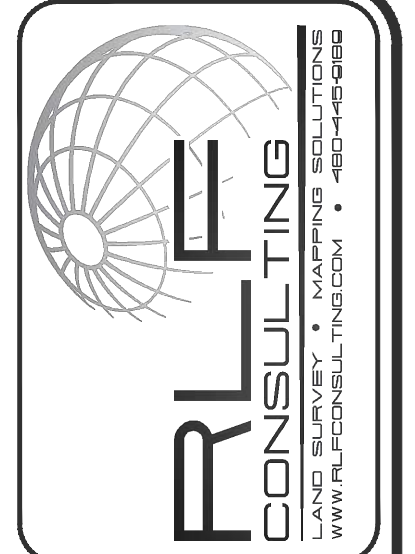
BY: *Michael Fondren* DATE: 05/03/2023
 MICHAEL FONDREN
 REGISTERED LAND SURVEYOR # 35113

POINT #	DESCRIPTION
1	BCFL 2.5" GLO BRASS CAP FLUSH, STAMPED "1/4 S7", WEST 1/4 COR. SEC.7, T21S, R13E
2	ACFL 3" ADOT ALUMINUM CAP FLUSH, 0.30FT DOWN, CENTER OF SEC.7, T12S, R13E
3	ACFL 3" ADOT ALUMINUM CAP FLUSH, 0.30FT DOWN, CAP CUT IN HALF, R/W MONUMENT
4	ACFL 3" ADOT ALUMINUM CAP FLUSH, STAMPED "STA 1164", R/W MONUMENT
5	RBR 1/2" REBAR WITH TAG, STAMPED "LS 28745", 0.2FT ABOVE GRADE, HELD FOR NORTH PROP. LINE, 0.16' WEST OF R/W LINE
6	ACFL 1" ALUMINUM CAP FLUSH, 0.10FT DOWN, STAMPED "LS 7389", NORTHEAST PROP. COR.
7	RBR 1/2" REBAR WITH NO CAP OR TAG, 0.10FT DOWN, SOUTHEAST PROP. COR.
8	RBR 1/2" REBAR WITH NO CAP OR TAG, 0.50FT ABOVE GRADE, HELD FOR SOUTH PROP. LINE, 0.33 FT EAST OF R/W LINE
9	ACFL 1" ALUMINUM CAP FLUSH, 0.10FT DOWN, STAMPED "LS 16525", NOT ACCEPTED AS PROP. COR., SOUTH 13°17'49" EAST, A DISTANCE OF 9.11FT FROM NORTHWEST PROP. COR.



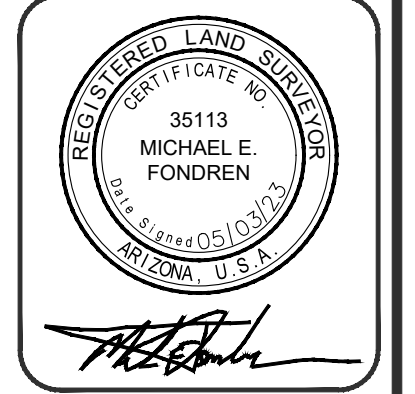
LEGEND

- PROJECT BENCHMARK
- BRASS CAP FLUSH
- CONTROL POINT
- FOUND REBAR
- AERIAL CONTROL POINT
- ELECTRIC METER
- ELECTRIC CABINET
- POWER POLE
- DOWN GUY
- TELEPHONE MANHOLE
- GAS VALVE
- GAS METER
- FIRE HYDRANT
- WATER VALVE
- BACKFLOW PREVENTER
- BOLLARD/POST
- OLD FENCE POST
- COMMUNICATION TOWER
- CALCULATED
- [M] MEASURED
- [R] RECORD/REFERENCE DOC
- D/W DRIVEWAY
- R/W RIGHT-OF-WAY
- TOE TOE OF BANK
- TOP TOP OF BANK
- PL PROPERTY LINE
- GLO GENERAL LAND OFFICE
- ADOT ARIZONA DEPARTMENT OF TRANSPORTATION
- PROP. PROPERTY
- COR. CORNER
- STA STATION
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- MONUMENT LINE
- CHAIN LINK FENCE
- OHE OVERHEAD ELECTRIC LINE
- FO U/G FIBER OPTIC LINE
- FO U/G GAS LINE
- VEGETATION LINE
- TIE LINE



NO.	DATE	REVISION	BY

DRAWN BY: STB
 CHECKED BY:MEF



Michael E. Fondren

ALTA/NSPS LAND TITLE SURVEY
 A PORTION OF GLO LOT 5, SITUATE IN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER MERIDIAN, SANTA CRUZ COUNTY, ARIZONA:

SECTION: 7
 TWSHP: 21 S.
 RANGE: 13 E.

JOB NO.:
15004045

SCALE
1" = 30'

SHEET
1 OF 1

LEGAL DESCRIPTION (TITLE REPORT) APN: 112-15-001C

A PORTION OF LOT 5, SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, SANTA CRUZ COUNTY, ARIZONA, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE CENTER OF SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN.

THENCE SOUTH 89 DEGREES 11 MINUTES 07 SECONDS WEST, A DISTANCE OF 1.99 FEET TO THE EAST RIGHT-OF-WAY LINE OF INTERSTATE 19;
 THENCE SOUTH 08 DEGREES 27 MINUTES 50 SECONDS EAST, A DISTANCE OF 393.37 FEET ALONG THE EAST RIGHT-OF-WAY LINE OF I-19 TO THE TRUE POINT OF BEGINNING;
 THENCE SOUTH 08 DEGREES 27 MINUTES 50 SECONDS EAST, A DISTANCE OF 210.82 FEET ALONG THE EAST RIGHT-OF-WAY LINE OF INTERSTATE I-19;
 THENCE NORTH 89 DEGREES 15 MINUTES 07 SECONDS EAST, A DISTANCE OF 248.10 FEET ALONG THE CENTERLINE OF STREET CAMINO VALENZUELA;
 THENCE NORTH 13 DEGREES 41 MINUTES 13 SECONDS WEST, A DISTANCE OF 223.97 FEET;
 THENCE SOUTH 84 DEGREES 37 MINUTES 32 SECONDS WEST, A DISTANCE OF 225.05 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPT ANY PORTIONS CONVEYED TO SANTA CRUZ COUNTY IN DEED RECORDED JANUARY 16, 1990 IN DOCKET 517 AT PAGE 89.

SUBJECT TO ANY PORTION LYING WITHIN THE CAMINO VALENZUELA RIGHT-OF-WAY AS IT NOW EXISTS.

SURVEYOR'S NOTE: (THE EXCEPTED AREA CONVEYED TO SANTA CRUZ COUNTY DOES NOT AFFECT THE SUBJECT PARCEL. THE NORTH PROPERTY LINE WAS ESTABLISHED PER DEED AND OLD FENCE POST FOUND DURING THE COURSE OF SURVEY.)

FLOOD ZONE DESIGNATION

THE SUBJECT SITE SHOWN HEREON APPEARS TO BE WITHIN FLOOD ZONE "X" AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FIRM MAP NO. 04023C0231C DATED 12/02/11.

FLOOD ZONE "X" IS DEFINED AS: AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN; DETERMINED TO BE OUTSIDE THE 1% AND 0.2% ANNUAL CHANCE FLOODPLAINS.

TITLE REPORT SCHEDULE "B II" ITEMS

A. ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I—REQUIREMENTS ARE MET.

- PROPERTY TAXES, WHICH ARE A LIEN NOT YET DUE AND PAYABLE, INCLUDING ANY ASSESSMENTS COLLECTED WITH TAXES TO BE LEVIED FOR THE YEAR 2023. SURVEYOR'S NOTE: (NOT A SURVEY MATTER)
- LIABILITIES AND OBLIGATIONS IMPOSED UPON SAID LAND BY ITS INCLUSION WITHIN ANY DISTRICT FORMED PURSUANT TO TITLE 48, ARIZONA REVISED STATUTES. SURVEYOR'S NOTE: (MAY AFFECT, NOT PLOTTABLE)

BASIS OF BEARING

SOUTH 8° 54' 00" EAST ALONG THE EAST RIGHT-OF-WAY LINE FOR THE NORTHBOUND FRONTAGE ROAD OF INTERSTATE 19 BETWEEN BRIDGE ROAD TO THE ANGLE POINT IN THE RIGHT-OF-WAY LINE SOUTH OF TUBAC ROAD.

BENCHMARK

AN ELEVATION OF 3235.49 WAS HELD ON A FOUND ALUMINUM CAP STAMPED SANTA CRUZ COUNTY GIS, SURVEY CONTROL POINT SCC-5, LOCATED SOUTH OF THE INTERSECTION OF NORTHBOUND I-19 FRONTAGE ROAD, SOUTH OF TUBAC ROAD.

SURVEY CONTROL

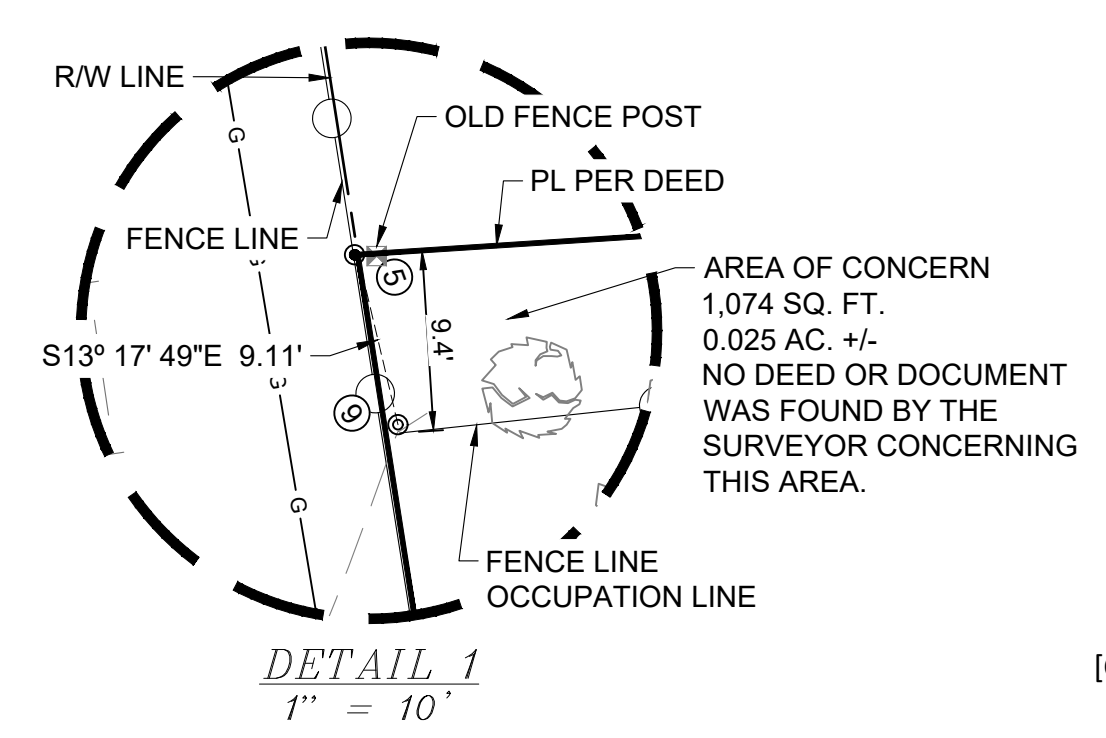
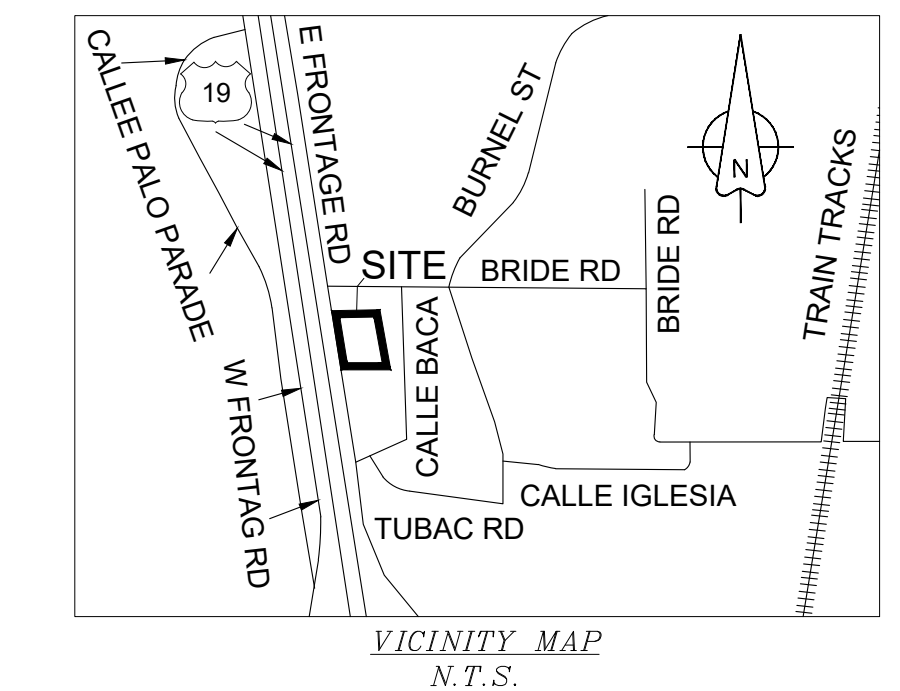
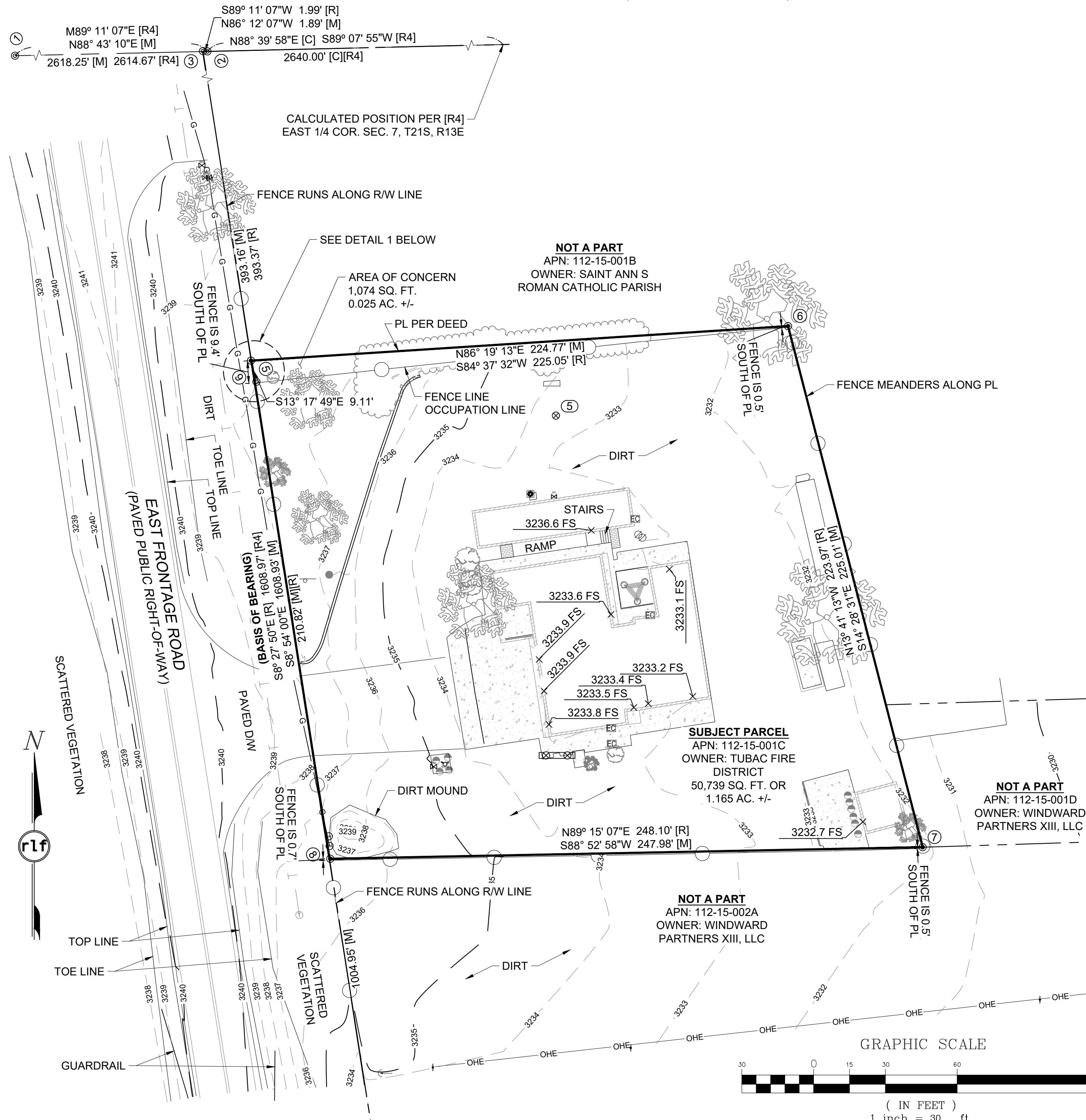
THE FOLLOWING PARAMETERS WERE SET FOR THE BASIS OF THIS SURVEY:
 SYSTEM: UNITED STATES STATE PLANE 1983
 ZONE: ARIZONA CENTRAL 0202
 GROUND ADJUSTMENT FACTOR: 1.000012
 HORIZONTAL DATUM: NAD 83/92
 GEOID: ARIZONA GEOID 18
 VERTICAL DATUM: NAVD 88
 UNITS: INTERNATIONAL FEET
 (1 FOOT = 0.3048 METERS EXACTLY)

RLF SCALE POINT: 1510
 SOURCE: SANTA CRUZ COUNTY GIS CONTROL POINT
 NORTHING (Y): 223,742.00
 EASTING (X): 969,262.64

POINT #	DESCRIPTION
1	BCFL 2.5" GLO BRASS CAP FLUSH, STAMPED "1/4 S7", WEST 1/4 COR. SEC.7, T21S, R13E
2	ACFL 3" ADOT ALUMINUM CAP FLUSH, 0.30FT DOWN, CENTER OF SEC.7, T12S, R13E
3	ACFL 3" ADOT ALUMINUM CAP FLUSH, 0.30FT DOWN, CAP CUT IN HALF, R/W MONUMENT
4	ACFL 3" ADOT ALUMINUM CAP FLUSH, STAMPED "STA 1164", R/W MONUMENT
5	RBR 1/2" REBAR WITH TAG, STAMPED "LS 28745", 0.2FT ABOVE GRADE, HELD FOR NORTH PROP. LINE, 0.16' WEST OF R/W LINE
6	ACFL 1" ALUMINUM CAP FLUSH, 0.10FT DOWN, STAMPED "LS 7389", NORTHEAST PROP. COR.
7	RBR 1/2" REBAR WITH NO CAP OR TAG, 0.10FT DOWN, SOUTHEAST PROP. COR.
8	RBR 1/2" REBAR WITH NO CAP OR TAG, 0.50FT ABOVE GRADE, HELD FOR SOUTH PROP. LINE, 0.33 FT EAST OF R/W LINE
9	ACFL 1" ALUMINUM CAP FLUSH, 0.10FT DOWN, STAMPED "LS 16525", NOT ACCEPTED AS PROP. COR., SOUTH 13°17'49" EAST, A DISTANCE OF 9.11FT FROM NORTHWEST PROP. COR.

ALTA/NSPS LAND TITLE SURVEY

A PORTION OF GLO LOT 5, SITUATE IN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER MERIDIAN, SANTA CRUZ COUNTY, ARIZONA;



LEGEND

- PROJECT BENCHMARK
 - BRASS CAP FLUSH
 - CONTROL POINT
 - FOUND REBAR
 - AERIAL CONTROL POINT
 - ELECTRIC METER
 - ELECTRIC CABINET
 - POWER POLE
 - DOWN GUY
 - TELEPHONE MANHOLE
 - GAS VALVE
 - GAS METER
 - FIRE HYDRANT
 - WATER VALVE
 - BACKFLOW PREVENTER
 - BOLLARD/POST
 - OLD FENCE POST
 - COMMUNICATION TOWER
 - CALCULATED
- [M] MEASURED
 - [R] RECORD/REFERENCE DOC
 - D/W DRIVEWAY
 - R/W RIGHT-OF-WAY
 - TOE TOE OF BANK
 - TOP TOP OF BANK
 - PL PROPERTY LINE
 - GLO GENERAL LAND OFFICE
 - ADOT ARIZONA DEPARTMENT OF TRANSPORTATION
 - PROP. PROPERTY
 - COR. CORNER
 - STA STATION
- PROPERTY LINE
 - RIGHT-OF-WAY LINE
 - MONUMENT LINE
 - CHAIN LINK FENCE
 - OVERHEAD ELECTRIC LINE
 - U/G FIBER OPTIC LINE
 - U/G GAS LINE
 - VEGETATION LINE
 - TIE LINE

GENERAL NOTES

- GLOBAL POSITIONING SATELLITE (G.P.S.) INSTRUMENTATION WAS USED DURING THE COURSE OF THE FIELD SURVEY. ALL DISTANCES REFERENCED HEREON HAVE BEEN CALCULATED TO GROUND DISTANCES USING A COMBINED SCALE FACTOR OF 1.000012.
- MEASUREMENTS SHOWN HEREON FALL WITHIN ACCEPTABLE TOLERANCES AS DEFINED BY THE ARIZONA MINIMUM BOUNDARY STANDARDS UNLESS OTHERWISE NOTED.
- DISTANCES AND BEARINGS ARE MEASURED VALUES UNLESS NOTED OTHERWISE.
- THE SURVEYOR HAS MADE NO ATTEMPT AND HAS NOT OBTAINED ANY INFORMATION RELATING TO, AND HAS NO KNOWLEDGE OF ANY PROPOSED RIGHT-OF-WAYS, EASEMENTS, OR DEDICATIONS THAT ANY MUNICIPALITY, INDIVIDUAL OR GOVERNMENTAL AGENCY MAY HAVE MADE OR MAY REQUIRE.
- THE DESCRIPTION OF PROPERTY BOUNDARIES AND EASEMENTS SHOWN HEREON, REPRESENT THAT INFORMATION PROVIDED IN COMMITMENT FOR TITLE INSURANCE ORDER NO. FP90230284, PREPARED BY COMMONWEALTH LAND TITLE INSURANCE, INC., DATED APRIL 10, 2023 AT 7:30 A.M. ANY INFORMATION SHOWN WHICH MAY VARY FROM THE CONTENTS OF THE REPORT(S) NOTED ABOVE, REPRESENTS INFORMATION AND MEASUREMENTS FOUND DURING THE COURSE OF THE SURVEY.
- THERE WAS NO OBSERVABLE EVIDENCE OF THIS SITE BEING USED AS A SOLID WASTE DUMP DURING THE COURSE OF THIS SURVEY. EXCEPT AS SHOWN HEREON THERE WAS NO EVIDENCE OF RIGHT-OF-WAY LINES EITHER EXISTING OR PROPOSED DURING THE COURSE OF THIS SURVEY.
- THERE IS NO OBSERVABLE EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.
- THERE IS NO EVIDENCE FOUND OF EARTH MOVING DURING THE COURSE OF THIS SURVEY.

TABLE "A" NOTES

- MONUMENTS ARE PLACED (OR A REFERENCE MONUMENT OR WITNESS TO THE CORNER) AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE SURVEYED PROPERTY, UNLESS ALREADY MARKED OR REFERENCED BY EXISTING MONUMENTS OR WITNESSES IN CLOSE PROXIMITY TO THE CORNER.
- SITE ADDRESS: 2227 E FRONTAGE RD, TUBAC, ARIZONA
- GROSS LAND AREA:..... 50,739 SQ. FT. OR 1.165 AC. +/-
- THERE WERE NO SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.
- THERE WERE NO PARKING SPACES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.
- EVIDENCE OF UNDERGROUND UTILITIES EXISTING ON OR SERVING THE SURVEYED PROPERTY (IN ADDITION TO THE OBSERVED EVIDENCE OF UTILITIES REQUIRED PURSUANT TO SECTION 5.E.IV.) AS DETERMINED BY: (A) PLANS AND/OR REPORTS WERE NOT PROVIDED BY CLIENT
- NAMES OF ADJOINING OWNERS ACCORDING TO CURRENT TAX RECORDS ARE SHOWN ON THE SURVEY.
- THERE WAS NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.

REFERENCE DOCUMENTS

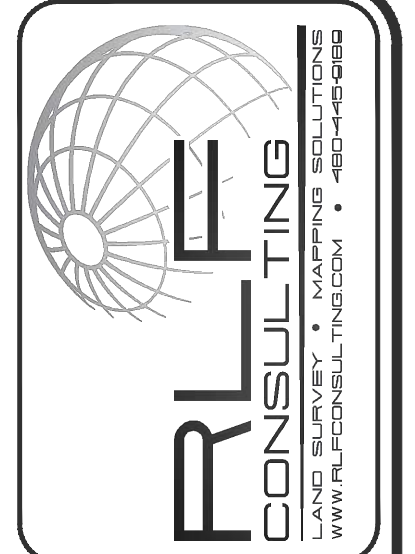
- [R] SUPPLEMENTAL PLAT OF TOWNSHIP NO. 21 SOUTH, RANGE NO. 13 EAST, GILA AND SALT RIVER MERIDIAN, ARIZONA, FILED JANUARY 19, 1915 BY BUREAU OF LAND MANAGEMENT
- [R1] BARGAIN AND SALE DEED, RECORDED IN BOOK 11, PAGE 303, SANTA CRUZ COUNTY RECORDS (SCCR)
- [R2] QUIT CLAIM DEED, RECORDED AS RECEPTION NO. 2006-06250, SCCR
- [R3] AFFIDAVIT OF PROPERTY VALUE, RECORDED AS RECEPTION NO. 2008-11540, SCCR
- [R4] RIGHT OF WAY PLAN OF THE NOGALES-TUCSON STATE HIGHWAY, PROJECT NO. I-19-1(28), ARIZONA DEPARTMENT OF TRANSPORTATION, FILED AS RIGHT OF WAY MAP NO. D-12-T-325

CERTIFICATION

TO: TUBAC FIRE STATION IN TUBAC, ARIZONA
 COMMONWEALTH LAND TITLE INSURANCE COMPANY, A FLORIDA CORPORATION

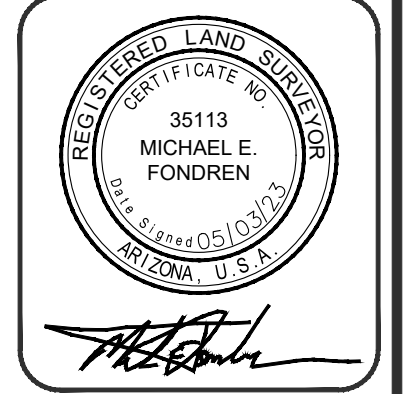
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS. JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 4, 8, 9, 11A, 13 & 16 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON 04/21/2023.

BY: *Michael Fondren* DATE: 05/03/2023
 MICHAEL FONDREN
 REGISTERED LAND SURVEYOR # 35113



NO.	DATE	REVISION

DRAWN BY: STB
 CHECKED BY:MEF



ALTA/NSPS LAND TITLE SURVEY
 A PORTION OF GLO LOT 5, SITUATE IN A PORTION OF THE SOUTHEAST QUARTER OF SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER MERIDIAN, SANTA CRUZ COUNTY, ARIZONA;

SECTION: 7
 TWSHIP: 21 S.
 RANGE: 13 E.

JOB NO.:
15004045

SCALE
1" = 30'

SHEET
1 OF 1

**FEASIBILITY DRAFT REPORT FOR TUBAC FIRE
DISTRICT STATION 1**

FOR

USDA

SECTION F - ANNUAL BUDGET

F. Annual operating budget

1. Income

2. Operations and Maintenance

.....

Tubac Fire Station 1 and Admin. Offices		10,610 SF				
Construction by Division			% of Total Cost	\$ per SF		
division	1	General Conditions	\$ 566,773.50	10%	\$ 53.42	
division	2	existing conditions	\$ 18,918.90	0%	\$ 1.78	\$ 516,745.31
division	3	Concrete	\$ 298,910.68	5%	\$ 28.17	
division	4	Masonry	\$ 275,451.92	5%	\$ 25.96	
division	5	Metals	\$ 65,745.73	1%	\$ 6.20	
division	6	Woods, Plastics, & Composites	\$ 349,667.51	6%	\$ 32.96	\$ 873,167.00
division	7	Thermal & Moisture Protection	\$ 219,654.21	4%	\$ 20.70	
division	8	Openings	\$ 232,128.89	4%	\$ 21.88	
division	9	Finishes	\$ 368,925.34	7%	\$ 34.77	\$ 724,018.00
division	10	Speciality	\$ 53,910.36	1%	\$ 5.08	
division	11	Fire Sprinkler	\$ 85,458.11	2%	\$ 8.05	
division	12	Plumbing Systems	\$ 198,939.77	4%	\$ 18.75	
division	13	HVAC Systems	\$ 377,662.72	7%	\$ 35.59	
division	14	Electrical System	\$ 786,709.96	14%	\$ 74.15	
division	15	Special System	\$ 55,056.38	1%	\$ 5.19	\$ 1,374,215.00
division	16	Earthwork	\$ 296,925.84	5%	\$ 27.99	
division	17	Exterior Improvements	\$ 436,487.01	8%	\$ 41.14	\$ 647,007.00
division	18	Allowance/ Contingency	\$ 310,059.11	6%	\$ 29.22	
division	19	GC Overhead and profit	\$ 640,042.58	11%	\$ 60.32	\$ 838,167.00
Total			\$ 5,637,428.53	100%	\$ 531.33	
			\$ 281,871.43	5%	Escallation	
			\$ 5,919,299.96			

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$ 2,000.00	\$ 	\$
2. Land, structures, rights-of-way, appraisals, etc.	\$ 0.00	\$ 	\$
3. Relocation expenses and payments	\$ 5,000.00	\$ 	\$
4. Architectural and engineering fees	\$ 461,294.00	\$ 	\$
5. Other architectural and engineering fees	\$ 5,000.00	\$ 	\$
6. Project inspection fees	\$ 10,000.00	\$ 	\$
7. Site work included in Construction	\$ 	\$ 	\$
8. Demolition and removal included in Construction	\$ 	\$ 	\$
9. Construction	\$ 5,640,00.00	\$ 	\$
10. Equipment included in Construction	\$ 	\$ 	\$
11. Miscellaneous	\$ 12,000.00	\$ 	\$
12. SUBTOTAL (sum of lines 1-11)	\$ 6,135,294.00	\$ 	\$
13. Contingencies	\$ 306,764.00	\$ 	\$
14. SUBTOTAL	\$ 6,442,058.00	\$ 	\$
15. Project (program) income	\$ 00,000.00	\$ 	\$
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$ 6,442,058.00	\$ 	\$
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.		Enter eligible costs from line 16c Multiply X %	\$

Tabulations for USDA Budget Information - Construction Programs form - OMB 4040-0008

1 admin expenses	\$	2,000.00	
2 land costs	\$	-	
3 relocation cost	\$	5,000.00	
4 A & E fees	\$	461,294.00	
5 Other A& E fees	\$	5,000.00	
6 Project inspection fees	\$	10,000.00	
7 site work cost (included in Construction)	\$	-	
8 Demolition cost (included in Construction)	\$	-	
9 Construction cost	\$	5,640,000.00	
10 Equipment cost (included in Construction)	\$	-	
11 Miscellaneous	\$	12,000.00	
12 Subtotal	\$	6,135,294.00	
13 Contingencies (5%)	\$	306,764.70	
14 Subtotal	\$	6,442,058.70	
15 Project (program) income	\$	-	
16 Total Project Costs	\$	6,442,058.70	
	\$	557,941.30	difference
Original budget	\$	7,000,000.00	

**FEASIBILITY DRAFT REPORT FOR TUBAC FIRE
DISTRICT STATION 1**

FOR

USDA

SECTION E - COST ESTIMATE

E. Narrative of Costs

.....

FEASIBILITY DRAFT REPORT FOR TUBAC FIRE DISTRICT STATION 1

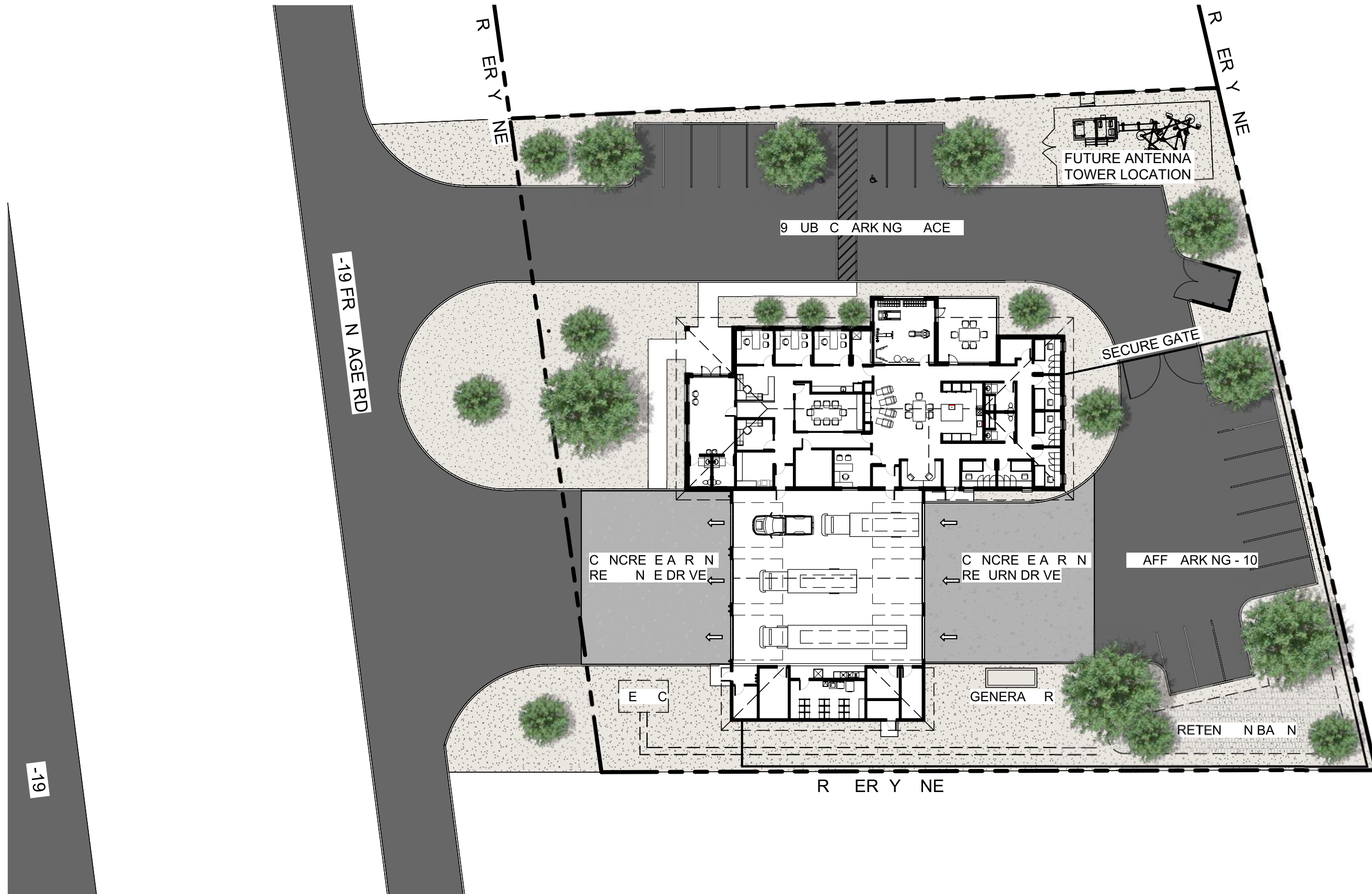
FOR

USDA

SECTION H - PROBLEM

H. Construction problems

The site has various existing conditions that will need to be coordinated to rebuild the station and office on the existing site. These are the existing communications tower, site septic system, above ground fuel tank, electric, gas, and water connections. All will need to be relocated for the new project. Also, the site was part of a larger parcel originally, and the new development will require regrading the site for proper drainage and retention/detention of stormwater to be maintained on site. See survey and Communications tower drawings.



CONCEPTUAL SITE PLAN

TUBAC FIRE STATION

SITE & BUILDING INFORMATION:

- SITE ACREAGE: 1.165 ACRES
- BUILDING AREA : 10,610 F
- ADMIN. AREA (W/ BAY): 2,715 F
- FIRE ALARM (FREHUE + ALARM BAY) AREA: 7,895 F

A1.0

08/2023

TUBAC FIRE STATION



ARCHITECTS
A DIVISION OF SHIVE-HATTERY



DEPARTMENTS

ADMIN

FIRE HOUSE

CONCEPTUAL FLOOR PLAN

TUBAC FIRE STATION
2172205750



- SITE & BUILDING INFORMATION:**
- PARCEL ACREAGE: 1.165 ACRES
 - BUILDING AREA TOTAL: 10,610 SF
 - ADMIN AREA (W/ LOBBY): 2,715 SF
 - FIRE STATION (FIRE HOUSE + APP. BAY) AREA: 7,895 SF

A2.0
05/22/2023
TUBAC FIRE STATION



VIEW FROM PUBLIC ENTRY



BIRD'S EYE VIEW - LOOKING WEST



VIEW FROM FRONTAGE ROAD



BIRD'S EYE VIEW - LOOKING EAST



CONCEPTUAL RENDERINGS

TUBAC FIRE STATION
2172205750

A3.0
05/22/2023
TUBAC FIRE STATION



**FEASIBILITY DRAFT REPORT FOR TUBAC FIRE
DISTRICT STATION 1**

FOR

USDA

SECTION G - MAPS, DRAWINGS, SKETCHES

.....

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- 2015 INTERNATIONAL BUILDING CODE (IBC) WITH LOCAL AMENDMENTS
- 2015 INTERNATIONAL FUEL GAS CODE (IFGC)
- 2015 INTERNATIONAL RESIDENTIAL CODE (IRC)
- 2015 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
- 2015 INTERNATIONAL FIRE CODE (IFC)
- 2017 NATIONAL ELECTRICAL CODE (NEC).

PROPERTY LEGAL DESCRIPTION:

SEE SCHEDULE "C" OF TITLE REPORT



SITE NUMBER: AZL01683
SITE NAME: TUBAC FIRE DEPARTMENT
SITE TYPE: SELF SUPPORT / WIC
ADDRESS: 2227 EAST FRONTAGE RD TUBAC, AZ 85646
PARCEL ID: 112-15-001C
USID: 323922
FA CODE: 15456881

MRANM038780 PRIMARY
 MRANM048971 NSB CHILD
 MRANM048958 NSB CHILD
 MRANM048959 NSB CHILD
 MRANM048962 NSB CHILD
 MRANM048968 NSB CHILD

PREPARED FOR



1355 W. UNIVERSITY
 MESA, ARIZONA 85201

Vendor:



23 MAUCHLY #110
 IRVINE, CA 92618

J5 PROJECT ID: P-077233

Issued For:

AZL01683
TUBAC FIRE DEPARTMENT

2227 EAST FRONTAGE RD
 TUBAC, AZ 85646
 PARCEL ID: 112-15-001C

USID: 323922
 FA CODE: 15456881

DRAWN BY: FG

CHECKED BY: KM

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

A	2/13/23	90% CD
---	---------	--------

PROJECT DESCRIPTION

PROPOSED SITE BUILD OF AN UNMANNED TELECOMMUNICATIONS FACILITY, CONSISTING OF THE FOLLOWING:

TOWER/ANTENNA SOW:

- INSTALLATION OF (1) AT&T 180'-0" HIGH SELF SUPPORT
- INSTALLATION OF (9) AT&T PANEL ANTENNAS
- INSTALLATION OF (6) AT&T REMOTE RADIO UNITS (RRH'S)
- INSTALLATION OF (3) AT&T RRH MOUNTS
- INSTALLATION OF (2) AT&T DC-9 SURGE SUPPRESSORS
- INSTALLATION OF (3) AT&T V-FRAME ANTENNA MOUNTS ON NEW 180'-0" HIGH SELF SUPPORT

EQUIPMENT SOW:

- INSTALLATION OF AN AT&T 25'-0" X 50'-0" (1250 SQ. FT.) TELECOMMUNICATION COMPOUND LEASE AREA
- INSTALLATION OF AN AT&T 25'-0" X 50'-0", CHAIN LINK FENCE ENCLOSURE (7'-0" HIGH TOTAL)
- INSTALLATION OF (1) NEQ.20574 POLAR POWER INC., 8220-100-D-20-03-V...48 VDC; 20KW; DC GENERATOR HORIZONTAL ENCLOSURE WITH 54 GALLON FUEL TANK WITH OPV ON (P) PLATFORM
- INSTALLATION OF (1) AT&T UL LISTED WALK-IN CABINET (WIC) - NEQ.20060 VERTIV, F2018001-WIC, F2017026, VERTIC SWIC ON EQUIPMENT PLATFORM
- INSTALLATION OF (1) AT&T 200A AC POWER PANEL
- INSTALLATION OF (12) AT&T BATTERIES
- INSTALLATION OF (1) AT&T 200AMP DISCONNECT
- INSTALLATION OF (1) AT&T CABLE BRIDGE
- INSTALLATION OF (1) AT&T CABLE SLACK BOX
- INSTALLATION OF (6) AWG AT&T DC POWER & 1 (24) PAIR FIBER CABLE TRUNKS
- INSTALLATION OF (1) AT&T CEQ.54898: RAYCAP INC., DC50-48-60-96-50F... HIGH CAPACITY 50 DC POSITIONS FOR RRH/RRH, 96 LC-LC CONNECTIONS IN ALUMINUM
- INSTALLATION OF (10) AT&T -48vdc RECTIFIERS AND (7) -48VDC/-58VDC CONVERTERS
- INSTALLATION OF (1) AT&T FSM 4 BASEBAND UNIT
- INSTALLATION OF (1) AT&T GPS ANTENNA
- INSTALLATION OF (6) AT&T 30A BREAKERS - SHELVES 1 AND 2
- INSTALLATION OF (7) AT&T 20A BREAKERS - INTERNET GFI, EXTERNAL GFI, HVAC, BATTERY CHARGER, HEATER, OUTLETS AND EXTERIOR LIGHTS
- INSTALLATION OF (1) AT&T 15A BREAKER - EXTERIOR LIGHTS

PROJECT AREA:

- 25'-0" X 50'-0" (1250 SQ. FT.) LEASE AREA

SHEET INDEX

REV.

PART	TITLE	REV.
PART A		
T-1	TITLE SHEET	A
GN-1	GENERAL NOTES	A
GN-2	GENERAL NOTES	A
LS-1	SITE SURVEY	-
1A	1A CERTIFICATION	-
A-1	SITE PLAN	A
A-2	ENLARGED SITE PLAN & COMPOUND PLAN	A
A-3	ANTENNA PLAN & SCHEDULE & EQUIPMENT PLAN	A
A-4	ELEVATIONS	A
PART B		
D-1	DETAILS	A
D-2	DETAILS	A
D-3	DETAILS	A
D-3.1	DETAILS	A
D-4	GENERATOR DETAILS	A
D-5	WALK-IN CABINET (WIC) DETAILS	A
D-6	ANTENNA MOUNT DETAILS	A
D-7	WIC STAIR AND FOOT DETAILS	A
D-8	SITE SIGNAGE	A
D-9	MATERIAL SAFETY DATA SHEET & LEAD ACID BATTERY - 1	A
D-10	EXTERNAL ALARM DETAIL	A
E-1	ELECTRICAL PANEL SCHEDULE & SLDG	A
G-1	GROUNDING NOTES	A
G-2	GROUNDING PLANS	A
G-3	GROUNDING DETAILS	A

REV	DATE	DESCRIPTION

Licenser:

Sheet Title:

TITLE SHEET

Sheet Number:

T-1

PROJECT TEAM

APPLICANT / LESSEE:
 AT&T MOBILITY
 1355 W. UNIVERSITY, FLR. 3
 MESA, AZ 85201
 CONTACT: ROBERT HOFRICHTER
 PHONE: (480) 399-2834

PROJECT MANAGER:
 J5 INFRASTRUCTURE PARTNERS
 CONTACT: TAMI PRITCHARD
 EMAIL: tpritchard@j5ip.com
 PH: (949) 201-9240

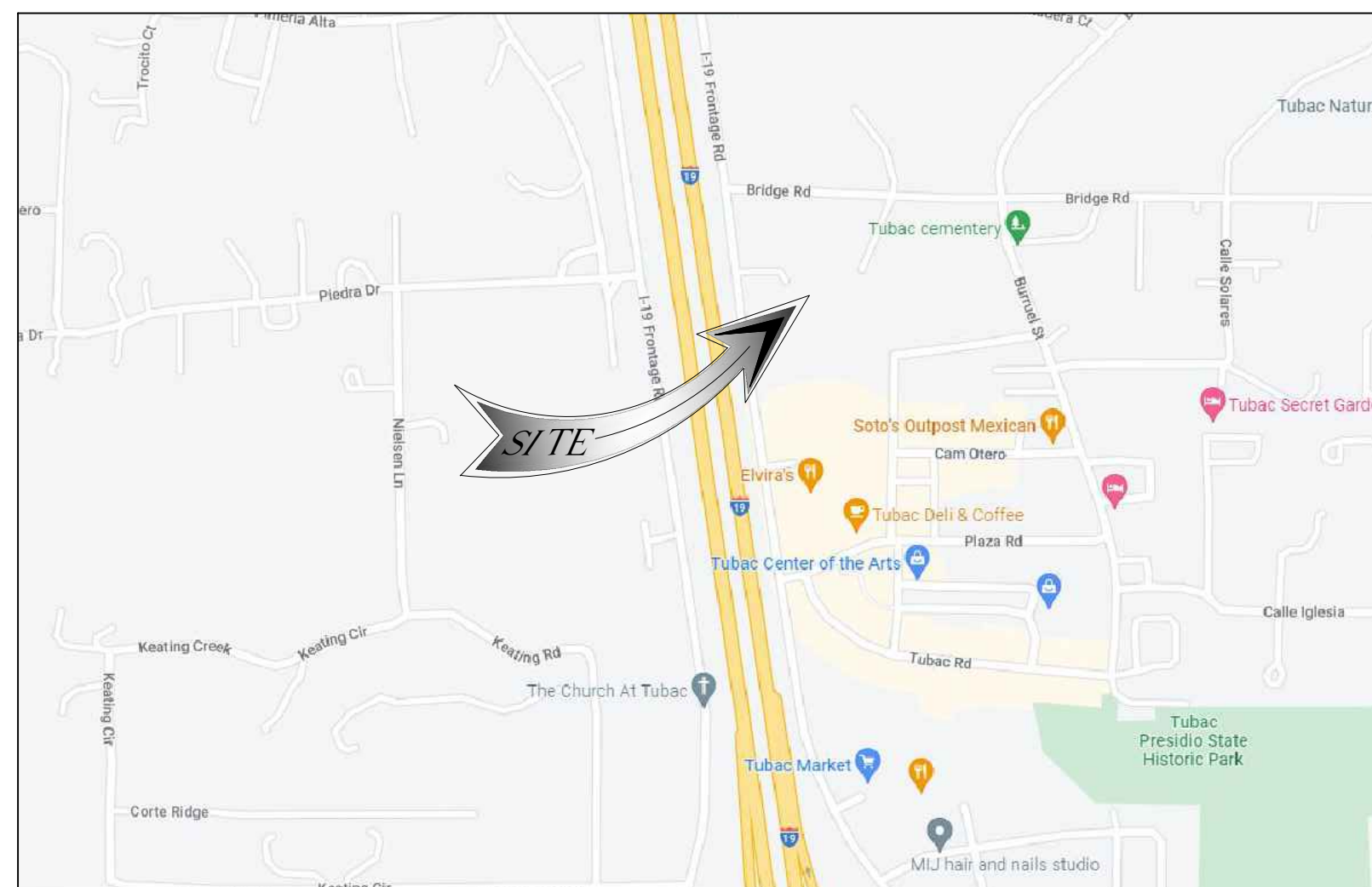
CONSTRUCTION MANAGER:
 CONTACT: ERIK COHEN
 EMAIL: ec5834@att.com
 PH: (505) 506-1029

A&E MANAGER:
 J5 INFRASTRUCTURE PARTNERS
 CONTACT: KEVIN MILLER
 EMAIL: kmiller@j5ip.com
 PH: (720) 296-6180

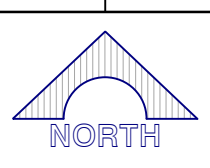
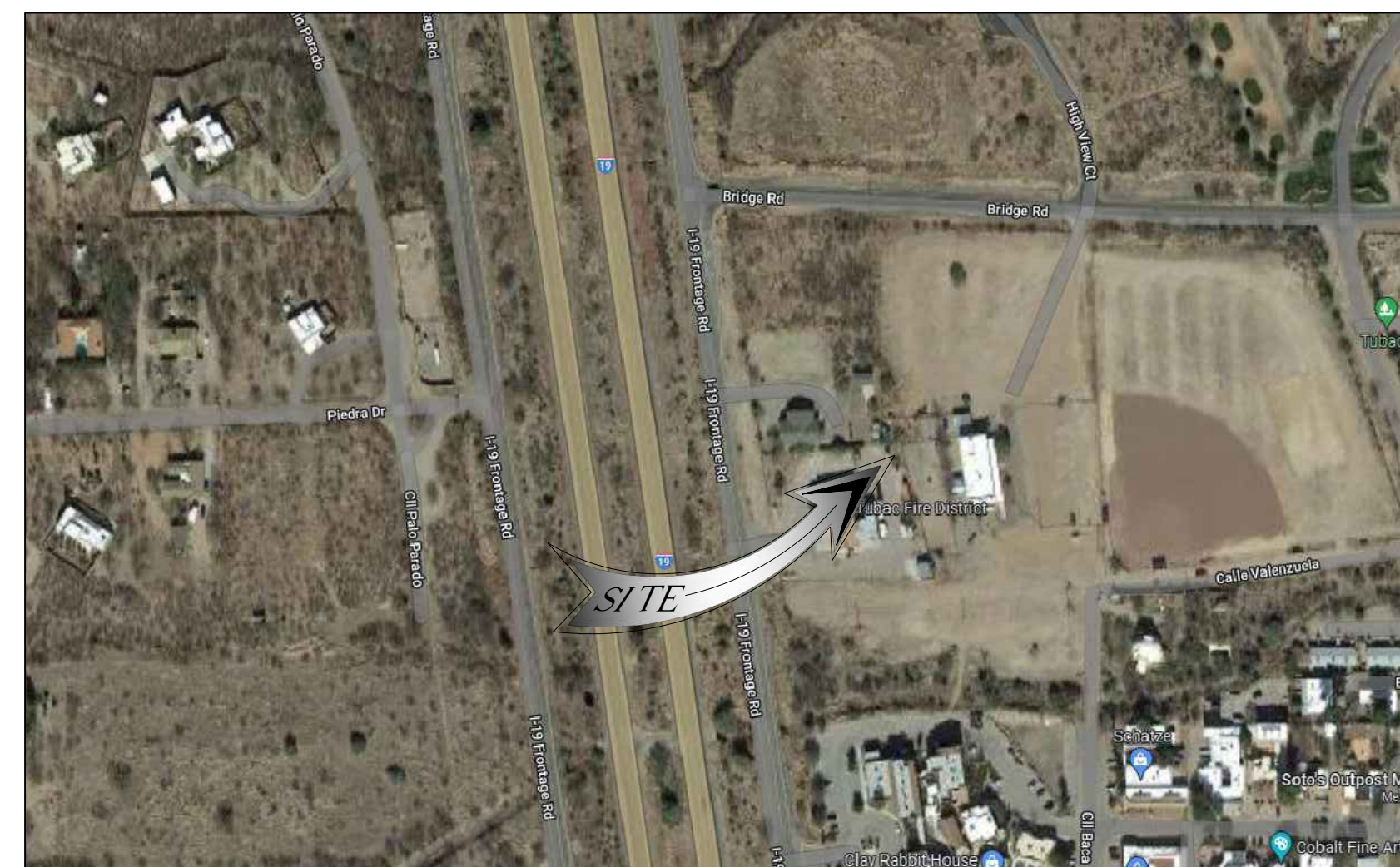
SITE ACQUISITION:
 J5 INFRASTRUCTURE PARTNERS
 CONTACT: WILLIAM DALEY
 EMAIL: wdaley@j5ip.com
 PH: (702) 557-2170

ZONING:
 J5 INFRASTRUCTURE PARTNERS
 CONTACT: LAUREN RICHARDS
 EMAIL: lrichards@j5ip.com
 PH: (480) 735-4868

VICINITY MAP



LOCAL MAP



SITE INFORMATION

PROPERTY OWNER:
 TUBAC FIRE DISTRICT
 2227 I-19 FRONTAGE ROAD
 TUBAC, ARIZONA 85646

JURISDICTION: COUNTY OF SANTA CRUZ
WIND LOADS: 105 MPH (3-SECOND GUST)
EXPOSURE CATEGORY: C
SEISMIC ZONE: 1
FLOOD ZONE: ---
PARCEL ID #: 112-15-001C
ZONING: TBD
LATITUDE (NAD 83): 31°36'56.5884"N (31.6157190)
LONGITUDE (NAD 83): -111°35'5.76"W (-111.0516000)
LEASE AREA: 1250 SQ. FT.
BASE OF PROPOSED STRUCTURE: ±3232' AMSL
TOP OF PROPOSED STRUCTURE: ± 180'-0"
TOP OF STRUCTURE WITH PROPOSED EXTENSION: ±3430' AMSL

ACCESSIBILITY REQUIREMENTS: FACILITY IS AN UNMANNED EQUIPMENT SPACE NOT INTENDED FOR HUMAN HABITATION AND ONLY FREQUENTLY VISITED BY MAINTENANCE PERSONAL. ACCESSIBILITY IS NOT REQUIRED PER IBC 2018, SECTION 1103.2.9 (EQUIPMENT SPACES)

GENERAL CONTRACTOR NOTES

DO NOT SCALE DRAWINGS

THESE PLANS ARE FORMATTED TO BE FULL SIZE AT 24" X 36". CONTRACTORS SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME.

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

STATEMENTS

STRUCTURAL ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWINGS SET. FOR ANALYSIS OF EXISTING AND/OR PROPOSED COMPONENTS, REFER TO STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.

ANTENNA MOUNT ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWING SET. FOR ANALYSIS OF MOUNT TO SUPPORT EXISTING AND/OR PROPOSED COMPONENTS, REFER TO ANTENNA MOUNT STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.

DRIVING DIRECTIONS

- DIRECTIONS FROM PHOENIX SKY HARBOR INTERNATIONAL AIRPORT:
1. HEAD EAST ON E SKY HARBOR BLVD 46 FT
 2. USE THE LEFT LANE TO STAY ON E SKY HARBOR BLVD 190 FT
 3. SLIGHT LEFT TOWARD E SKY HARBOR BLVD 436 FT
 4. TURN LEFT ONTO E SKY HARBOR BLVD 0.1 MILES
 5. USE THE LEFT LANE TO MERGE ONTO I-10 W VIA THE RAMP TO DOWNTOWN/PHOENIX/AZ-51/AZ-202 LOOP 0.8 MILES
 6. MERGE ONTO I-10 W 4.9 MILES
 7. TAKE EXIT 143A-143B TO MERGE ONTO I-17 N TOWARD FLAGSTAFF 139 MILES
 8. CONTINUE ONTO AZ-89A 1.7 MILES
 9. CONTINUE ONTO HISTORIC RTE 66/S MILTON RD/RTE 66 0.8 MILES
 10. TURN LEFT ONTO N LEROUX ST 390 FT
 11. TURN RIGHT ONTO E ASPEN AVE 75 FT. SITE WILL BE ON THE LEFT

TOWER OWNER: AT&T
 POWER AGENCY: U.E.S.
 TELCO PROVIDER: TBD

RFDS NAME: AZL01683
ISSUE: 1.0
REVISION: V1.0
DATE: 12/06/2022
RFDS VERSION: 2.00
RFDS ID: 5549577
UPDATED BY: AC7856
DATE/TIME UPDATED: 1/09/2023 1:42:53 PM



GENERAL CONSTRUCTION NOTES:

- 1. PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICE ALERT) AT (800) 227-2600. FOR UTILITY LOCATIONS, 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION, SITE WORK OR CONSTRUCTION.
...
17. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.
...
19. STRUCTURAL ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWINGS SET. FOR ANALYSIS OF EXISTING AND/OR PROPOSED COMPONENTS, REFER TO STRUCTURAL ANALYSIS PROVIDED BY J5 UNDER SEPARATE COVER.
...
21. TOWER ANALYSIS TO BE CONDUCTED AND PROVIDED BY TOWER OWNER. FOR ANALYSIS OF EXISTING AND/OR PROPOSED COMPONENTS, REFER TO TOWER STRUCTURAL ANALYSIS UNDER SEPARATE COVER.

APPLICABLE CODES, REGULATIONS AND STANDARDS:

- 1. SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION.
2. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.
3. SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:
3.1. AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
3.2. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, LRFD, FOURTEENTH EDITION
3.3. TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA/EIA) 222-H, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS
3.4. INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM
...
3.12. FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

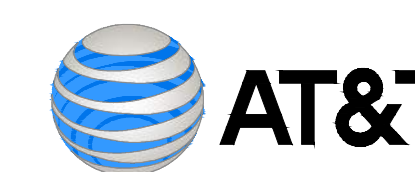
Table with 2 columns: Abbreviation and Description. Includes entries for ANCHOR BOLT, ANTENNA, ABOVE FINISHED FLOOR, ALUMINUM, ALTERNATE, ANTENNA, APPROXIMATE(LY), ARCHITECT(URAL), AMERICAN WIRE GAUGE, BLOCK, BLOCKING, BEAM, BOUNDARY NAILING, BARE TINNED COPPER WIRE, BOTTOM OF FOOTING, BACK-UP CABINET, CABINET, CANTILEVER(ED), CAST IN PLACE, CEILING, CLEAR, COLUMN, CONCRETE, CONNECTION(OR), CONSTRUCTION, CONTINUOUS, PENNY (NAILS), DOUBLE DEPARTMENT, DOUGLAS FIR, DIAMETER, DIAGONAL, DIMENSION, DRAWING(S), DOWEL(S), EACH, ELEVATION, ELECTRICAL, ELEVATOR, ELECTRICAL METALLIC TUBING, EDGE NAIL, ENGINEER, EQUAL, EXPANSION, EXISTING, EXTERIOR, FABRICATION(OR), FINISH FLOOR, FINISH GRADE, FINISH(ED), FLOOR.

ABBREVIATIONS:

Table with 2 columns: Abbreviation and Description. Includes entries for FOUNDATION, FACE OF CONCRETE, FACE OF MASONRY, FACE OF STUD, FACE OF WALL, FINISH SURFACE, FOOT (FEET), FOOTING, GROWTH (CABINET), GAUGE, GALVANIZE(D), GROUND FAULT CIRCUIT, GLUE LAMINATED BEAM, GLOBAL POSITIONING SYSTEM, GROUND, HEADER, HANGER, HEIGHT, ISOLATED COPPER GROUND BUS, INCH(ES), INTERIOR, POUND(S), LAG BOLTS, LINEAR FEET (FOOT), LONG(ITUDINAL), MASONRY, MAXIMUM, MACHINE BOLT, MECHANICAL, MANUFACTURER, MINIMUM, MISCELLANEOUS, METAL, NEW, NUMBER, NOT TO SCALE, ON CENTER, OPENING, PRECAST CONCRETE, PERSONAL COMMUNICATION, PLYWOOD, POWER PROTECTION CABINET, PRIMARY RADIO CABINET, POUNDS PER SQUARE FOOT, POUNDS PER SQUARE INCH, PRESSURE TREATED, POWER (CABINET), QUANTITY, RADIUS, REFERENCE, REINFORCEMENT(ING), REQUIRED, RIGID GALVANIZED STEEL.

Table with 2 columns: Abbreviation and Description. Includes entries for SCHEDULE SHEET, SIMILAR SPECIFICATIONS, SQUARE, STAINLESS STEEL, STANDARD, STEEL, STRUCTURAL TEMPORARY, THICK(NESS), TOE NAIL, TOP OF ANTENNA, TOP OF CURB, TOP OF FOUNDATION, TOP OF PLATE (PARAPET), TOP OF STEEL, TOP OF WALL, TYPICAL, UNDER GROUND, UNDERWRITERS LABORATORY, UNLESS NOTED OTHERWISE, VERIFY IN FIELD, WIDE (WIDTH), WITH, WOOD, WEATHERPROOF, WEIGHT, CENTERLINE, PLATE, PROPERTY LINE.

PREPARED FOR



1355 W. UNIVERSITY MESA, ARIZONA 85201

Vendor:



23 MAUCHLY #110 IRVINE, CA 92618

J5 PROJECT ID: P-077233

Issued For:

AZL01683 TUBAC FIRE DEPARTMENT

2227 EAST FRONTAGE RD TUBAC, AZ 85646 PARCEL ID: 112-15-001C

USID: 323922 FA CODE: 15456881

DRAWN BY: FG

CHECKED BY: KM

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

Table with 3 columns: REV, DATE, DESCRIPTION. Contains a grid for revision tracking.

Licenser:

Sheet Title:

GENERAL NOTES

Sheet Number:

GN-1

SYMBOLS LEGEND:

Table with 2 columns: Symbol and Description. Lists symbols for BLDG. SECTION, WALL SECTION, DETAIL, ELEVATION, DOOR SYMBOL, WINDOW SYMBOL, TILT-UP PANEL MARK, PROPERTY LINE, CENTERLINE, SETBACK, ELEVATION DATUM, GRID/COLUMN LINE, KEYNOTE, DIMENSION ITEM, KEYNOTE, CONSTRUCTION ITEM, WALL TYPE MARK, ROOM NAME, ROOM NUMBER, GROUT OR PLASTER, (E) BRICK, (E) MASONRY, CONCRETE, EARTH, GRAVEL, PLYWOOD, SAND, PLYWOOD, SAND, (E) STEEL, MATCH LINE, GROUND CONDUCTOR, OVERHEAD SERVICE CONDUCTORS, TELEPHONE CONDUIT, POWER CONDUIT, COAXIAL CABLE, CHAIN LINK FENCE, WOOD FENCE, (P) ANTENNA, (P) RRU, (P) DC SURGE SUPPRESSION, (F) ANTENNA, (F) RRH, (E) EQUIPMENT.

SURVEYOR NOTES

1. A TITLE REPORT WAS NOT PROVIDED AT THE TIME OF THE SURVEY.
2. SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE.
3. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.
4. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

PROJECT META DATA

1. ELEVATIONS SHOWN HEREON ARE REPRESENTED IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) ESTABLISHED FROM GPS DERIVED ELLIPSOID HEIGHTS, APPLYING GEOID 12B SEPARATIONS CONSTRAINING TO NGS CORS STATIONS PROVIDED IN THE "ONLINE POSITIONING USER SERVICE" (OPUS) SOLUTION FOR THIS SPECIFIC SITE.
2. BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM ARIZONA STATE PLANE COORDINATE ZONE CENTRAL, DETERMINED BY GPS OBSERVATIONS.
3. FIELD WORK FOR THIS PROJECT WAS PERFORMED ON 10/31/22.

FLOOD ZONE DESIGNATION

THE PROPOSED LEASE PREMISES SHOWN HEREON APPEAR TO BE WITHIN FLOOD ZONE "X" AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FIRM MAP NO. 04023C0231C DATED 12/02/2011.

FLOOD ZONE "X" IS DEFINED AS: AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN; DETERMINED TO BE OUTSIDE THE 1% AND 0.2% ANNUAL CHANCE FLOODPLAINS.

LESSOR'S LEGAL DESCRIPTION

A PORTION OF LOT 5, SECTION 7, TOWNSHIP 21 SOUTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, SANTA CRUZ COUNTY, ARIZONA.



VICINITY MAP
N.T.S.



FIELD BY:	CEF / TLG
DRAWN BY:	RDG
CHECKED BY:	RLF

REVISIONS

NO.	DATE	DESCRIPTION
0	11/17/22	PRELIMINARY



REUSE OF DOCUMENT
THE IDEAS & DESIGN INCORPORATED HEREON, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF RLF CONSULTING, LLC & IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT WRITTEN AUTHORIZATION OF RLF CONSULTING, LLC.

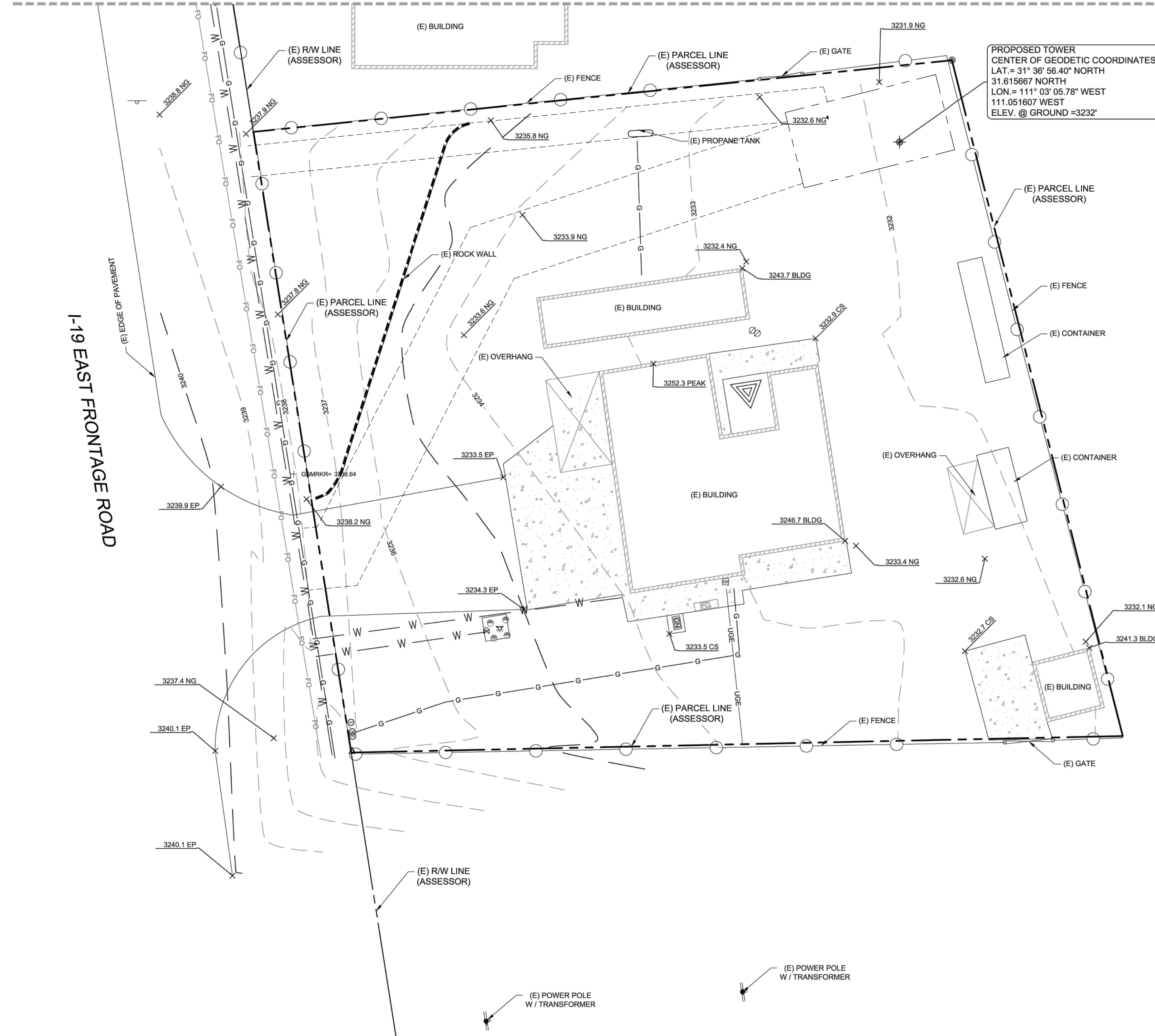
PROJECT No.
18003219
SITE NAME:
AZL01683

SITE ADDRESS:
2227 I-19 FRONTAGE RD.
TUBAC, AZ 85646

SHEET TITLE:
TOPOGRAPHIC SURVEY

SHEET NO.
LS-1
REVISION:

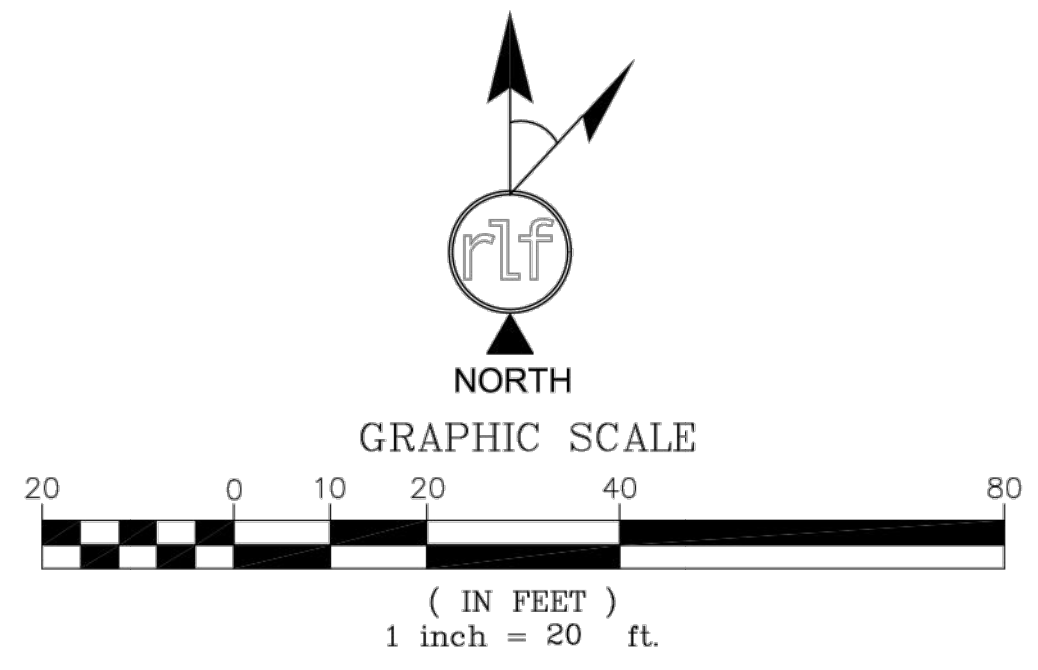
- MATCH LINE SEE SHEET LS-2 -



PROPOSED TOWER
CENTER OF GEODETIC COORDINATES
LAT. = 31° 36' 56.40" NORTH
31.615667 NORTH
LON. = 111° 03' 05.78" WEST
111.051607 WEST
ELEV. @ GROUND = 3232'

LEGEND

- ALUMINUM CAP IN HANDHOLE
- REBAR
- ELECTRIC METER
- GENERATOR
- FIBER CABINET
- POWER POLE
- POWER POLE W/T TRANSFORMER
- DOWN GUY
- GAS VALVE
- GAS METER
- FIRE HYDRANT
- WATER VALVE
- SANITARY SEWER CLEANOUT
- SIGN
- BOLLARD/POST
- SPOT ELEVATION
- POSITION OF GEODETIC COORDINATES
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- CHAIN LINK FENCE
- WIRE OR BARBED WIRE FENCE
- U/G ELECTRIC LINE
- U/G FIBER OPTIC LINE
- U/G GAS LINE
- WATER LINE





1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:



23 MAUCHLY #110
IRVINE, CA 92618

JS PROJECT ID: P-077233

Issued For:

AZL01683
TUBAC FIRE DEPARTMENT

2227 EAST FRONTAGE RD
TUBAC, AZ 85646
PARCEL ID: 112-15-001C

USID: 323922
FA CODE: 15456881

DRAWN BY: FG

CHECKED BY: KM

THE INFORMATION CONTAINED
IN THE SET OF DRAWINGS IS
PROPRIETARY & CONFIDENTIAL
TO AT&T WIRELESS ANY USE OR
DISCLOSURE OTHER THAN AS IT
RELATES TO AT&T WIRELESS IS
STRICTLY PROHIBITED

A 2/13/23 90% CD

REV DATE DESCRIPTION

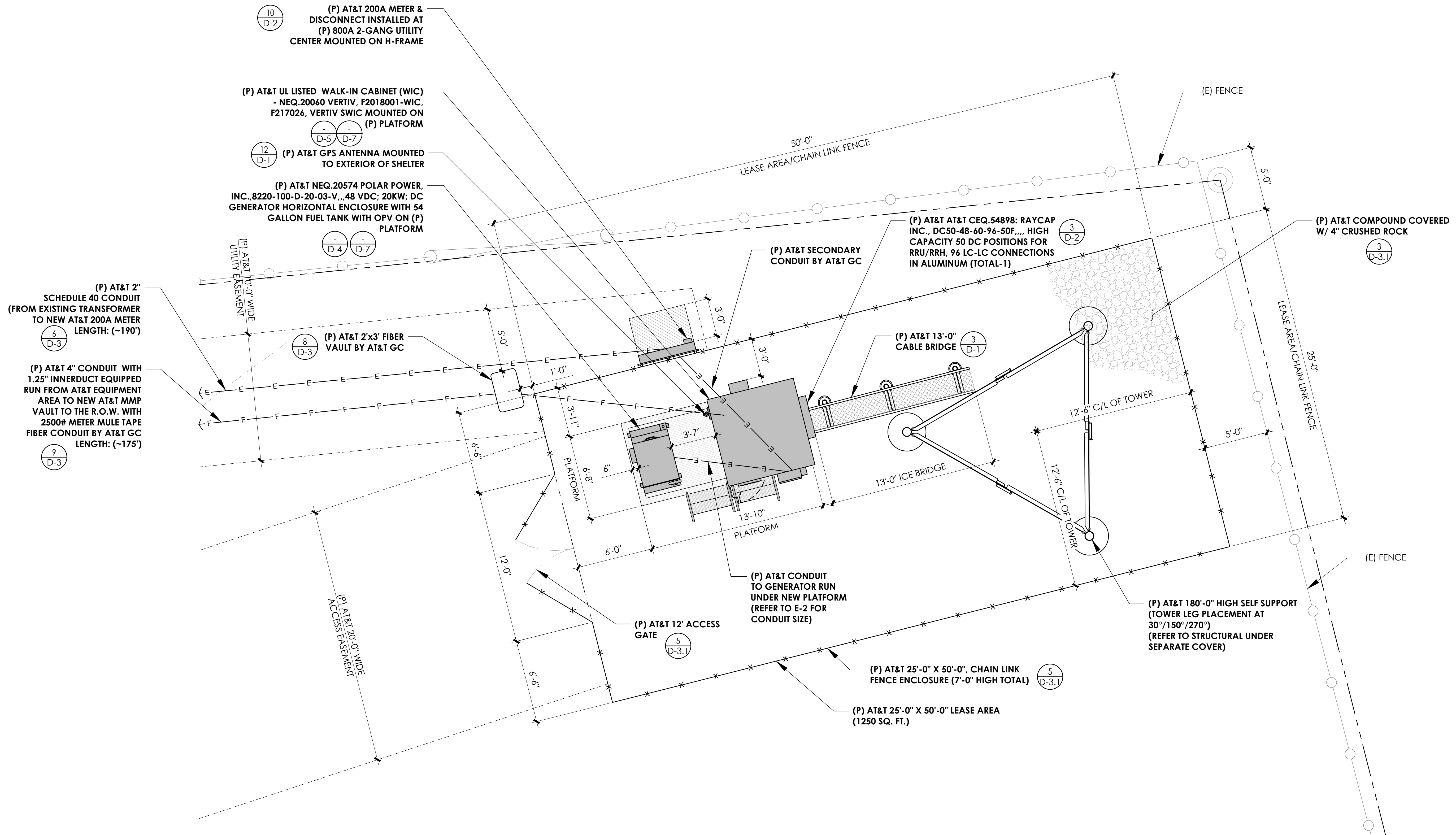
Licensor:

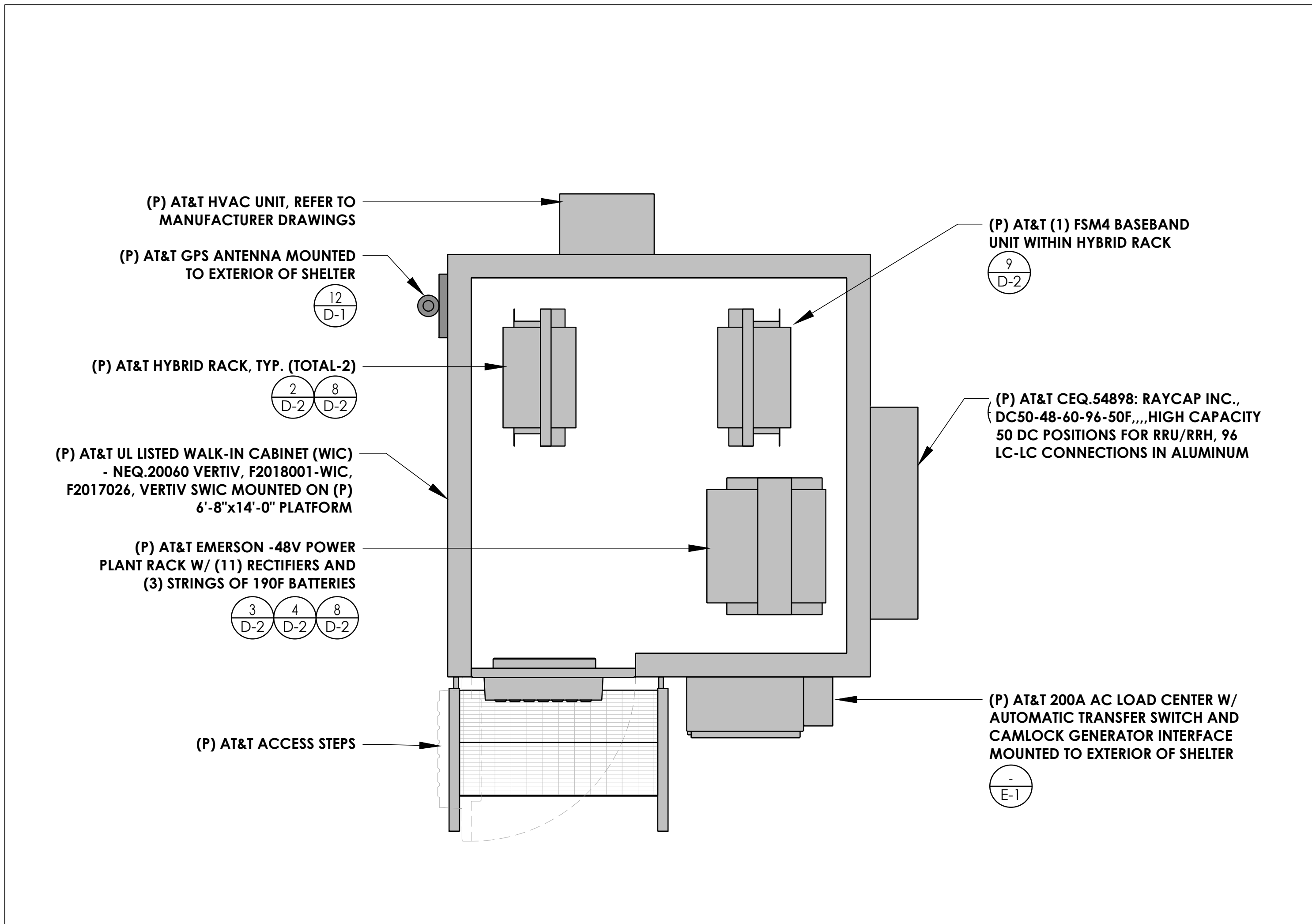
Sheet Title:

COMPOUND PLAN

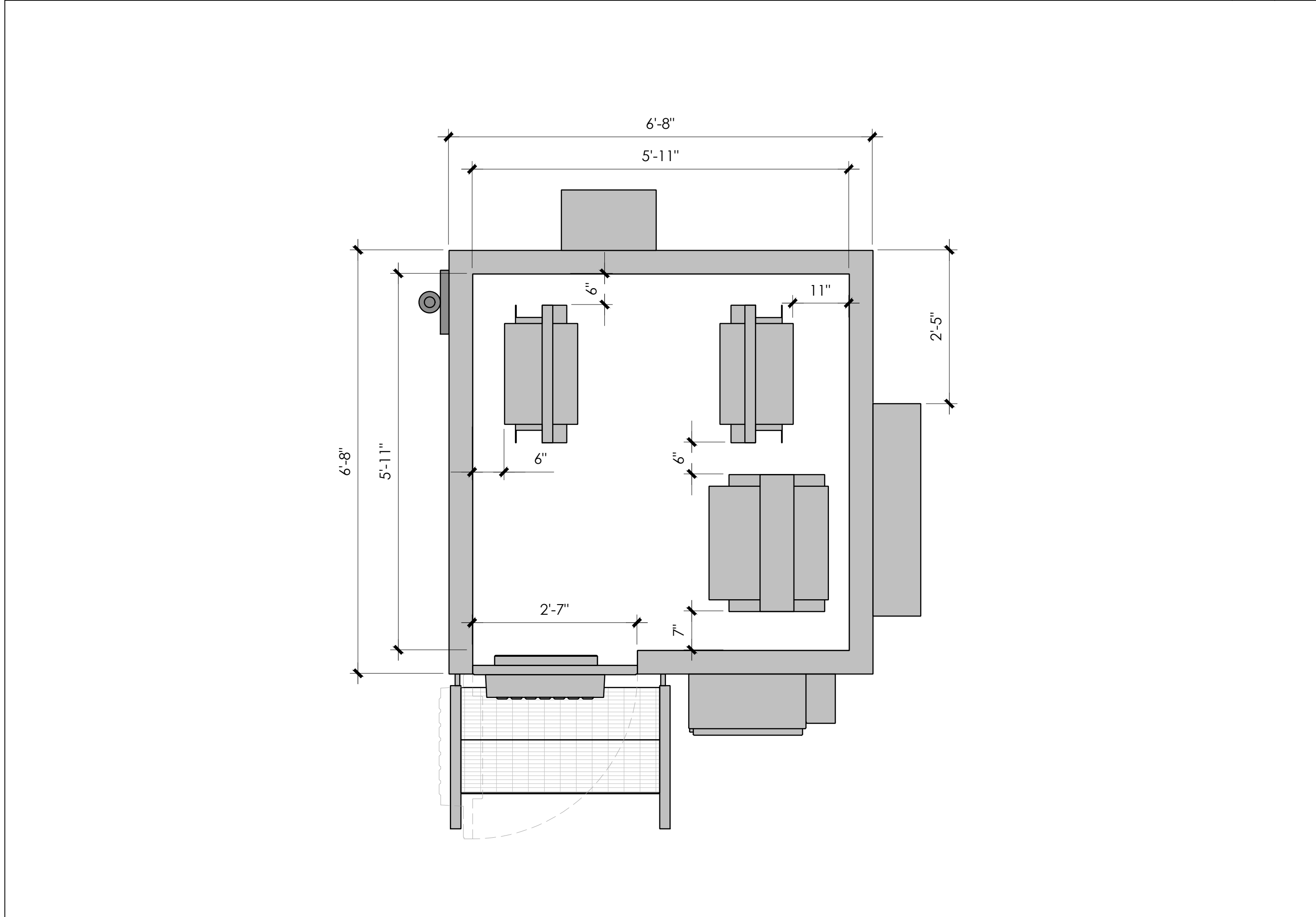
Sheet Number:

A-2

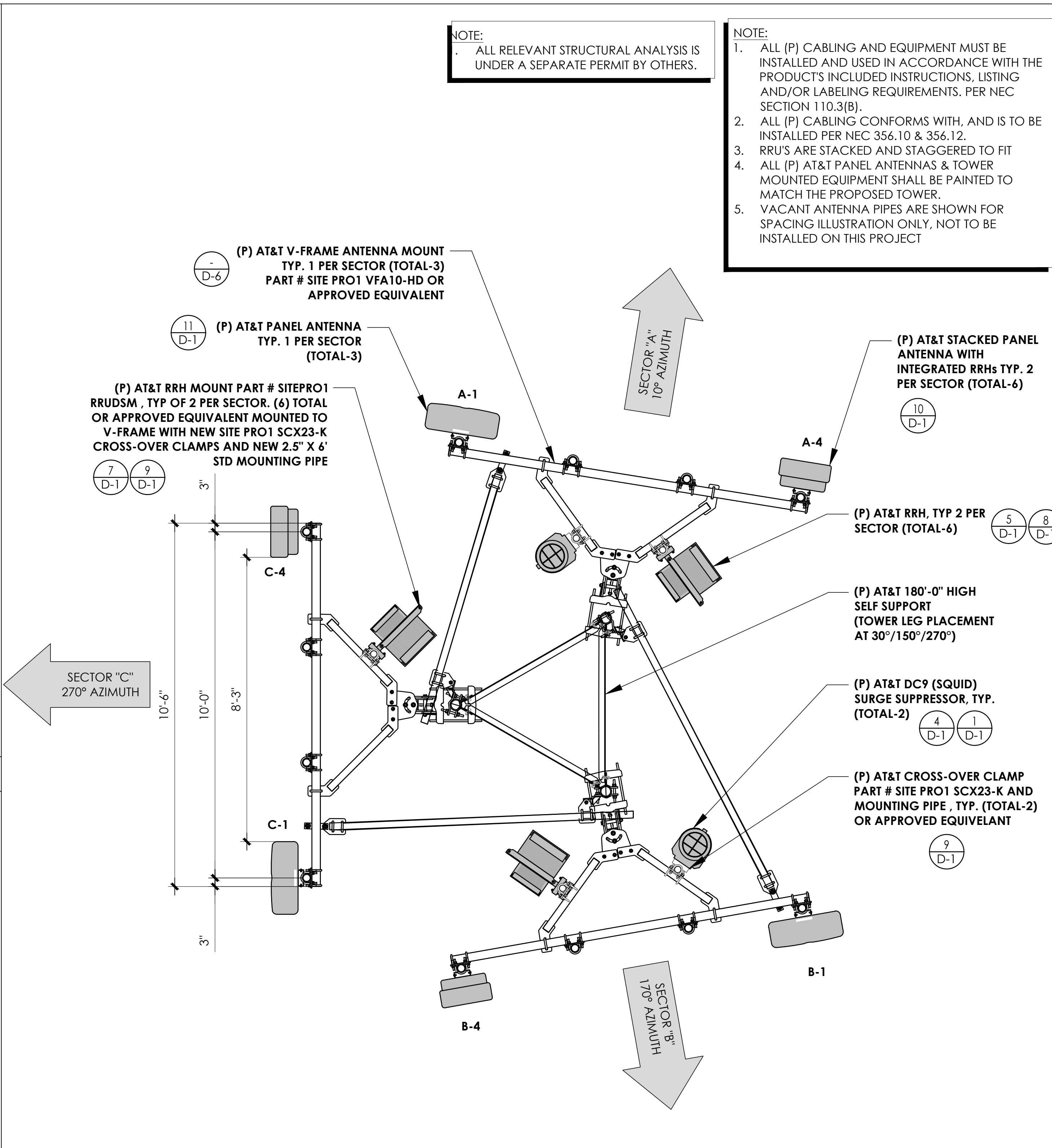




EQUIPMENT PLAN (WALK-UP CABINET - WIC) 24"x36" SCALE: 3/4" = 1'-0" 2



DIMENSION PLAN (WALK-UP CABINET - WIC) 24"x36" SCALE: 3/4" = 1'-0" 3



(P) ANTENNA SCHEDULE

POS	RAD CENTER	AZIMUTH	ANTENNA MAKE	ANTENNA MODEL	RRH MODEL	SURGE SUPPRESSOR	FEEDER TYPE	FEEDER LENGTH
SECTOR "A"	A1	170'-0"	10°	ANDREW-COMMSCOPE	NNH4-65C-R6-HG	(1) TRI RRH 4T4R B12/14/29 370W AHLBBA (1) DUAL RRH 4T4R B25/66 480W AHFII	(2) DC9-48-60-24-8C-EV	(6) #6 AWG DC POWER & 1 (24) PAIR FIBER TRUNK CABLES
	A2							
	A3							
	A4	167'-2" & 172'-9"	10°	NOKIA	AEQK-AEQU (STACKED)	CONTAINED WITHIN ANTENNA		
SECTOR "B"	B1	170'-0"	170°	ANDREW-COMMSCOPE	NNH4-65C-R6-HG	(1) TRI RRH 4T4R B12/14/29 370W AHLBBA (1) DUAL RRH 4T4R B25/66 480W AHFII	(2) DC9-48-60-24-8C-EV	(6) #6 AWG DC POWER & 1 (24) PAIR FIBER TRUNK CABLES
	B2							
	B3							
	B4	167'-2" & 172'-9"	170°	NOKIA	AEQK-AEQU (STACKED)	CONTAINED WITHIN ANTENNA		
SECTOR "C"	C1	170'-0"	270°	ANDREW-COMMSCOPE	NNH4-65C-R6-HG	(1) TRI RRH 4T4R B12/14/29 370W AHLBBA (1) DUAL RRH 4T4R B25/66 480W AHFII	(2) DC9-48-60-24-8C-EV	(6) #6 AWG DC POWER & 1 (24) PAIR FIBER TRUNK CABLES
	C2							
	C3							
	C4	167'-2" & 172'-9"	270°	NOKIA	AEQK-AEQU (STACKED)	CONTAINED WITHIN ANTENNA		

ANTENNA PLAN & SCHEDULE 24"x36" SCALE: 1/2" = 1'-0" 1

PREPARED FOR

1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:

23 MAUCHLY #110
IRVINE, CA 92618

JS PROJECT ID: P-077233

Issued For:

AZL01683
TUBAC FIRE DEPARTMENT

2227 EAST FRONTAGE RD
TUBAC, AZ 85646
PARCEL ID: 112-15-001C

USID: 323922
FA CODE: 15456881

DRAWN BY: FG
CHECKED BY: KM

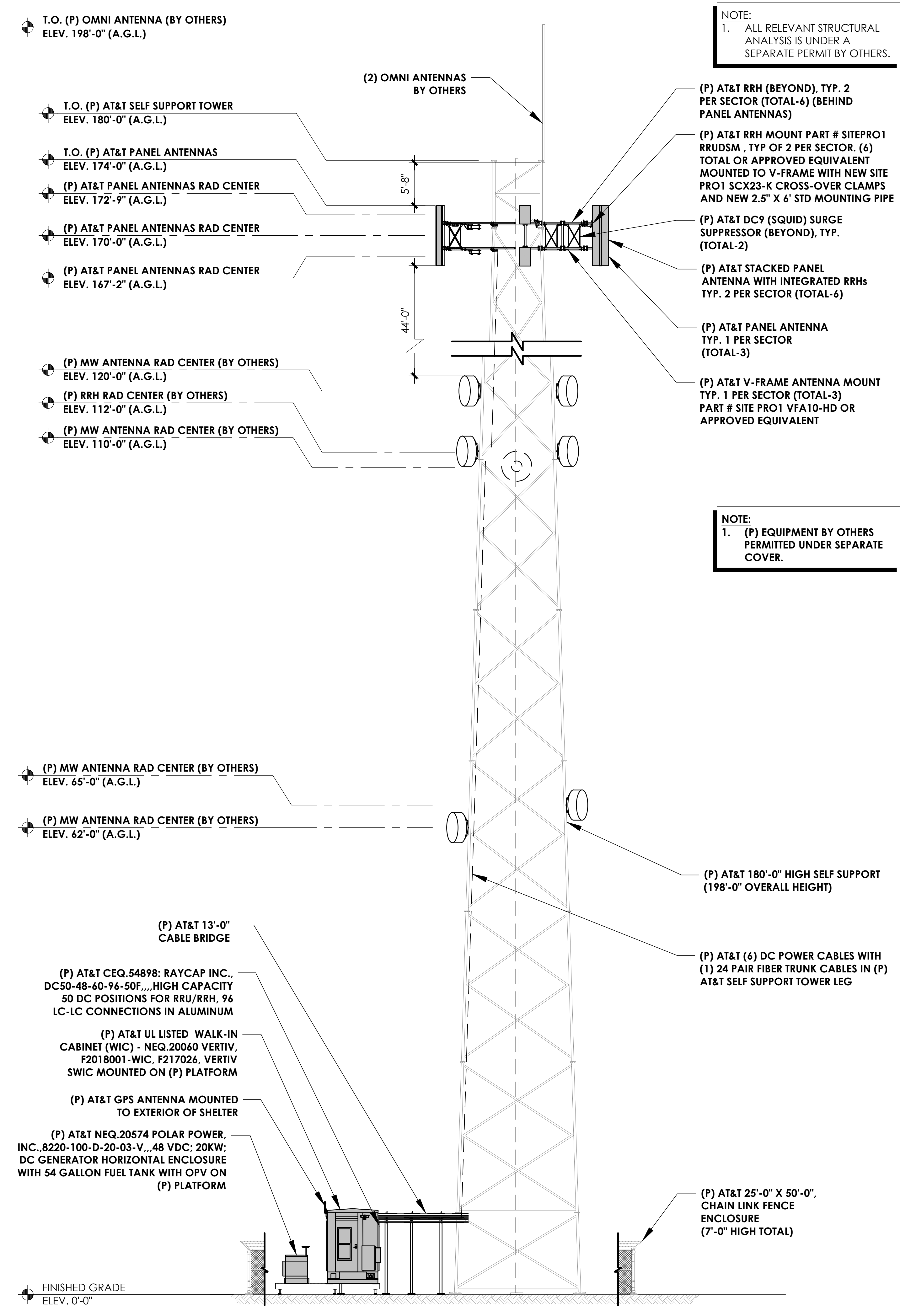
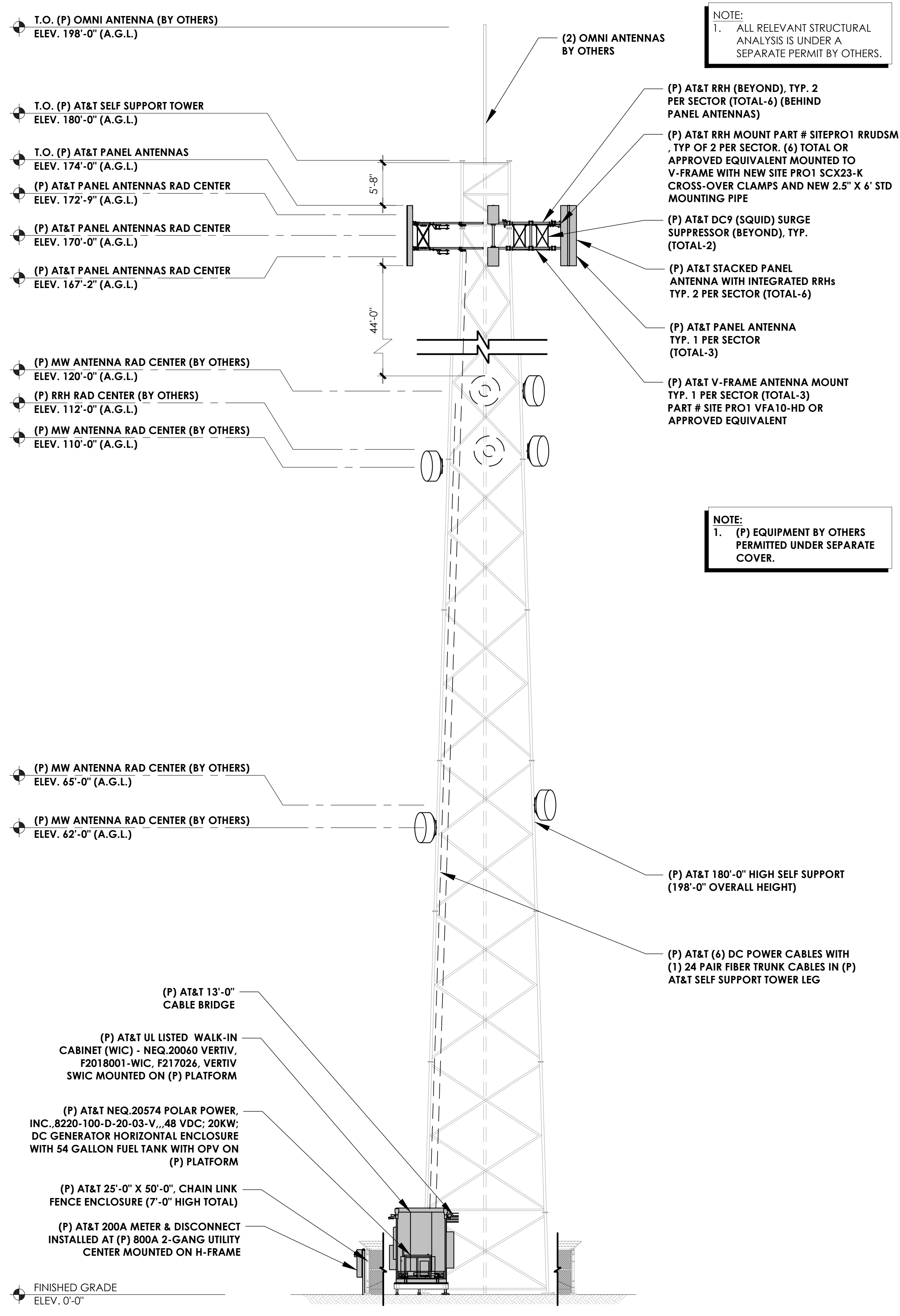
THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	2/13/23	90% CD

Licenser:

Sheet Title:
ANTENNA PLAN & SCHEDULE & EQUIPMENT PLAN

Sheet Number:
A-3



PREPARED FOR

1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:

23 MAUCHLY #110
IRVINE, CA 92618

J5 PROJECT ID: P-077233

Issued For:

AZL01683
TUBAC FIRE DEPARTMENT

2227 EAST FRONTAGE RD
TUBAC, AZ 85646
PARCEL ID: 112-15-001C

USID: 323922
FA CODE: 15456881

DRAWN BY: FG
CHECKED BY: KM

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	2/13/23	90% CD

Licenser:

Sheet Title:

ELEVATIONS

Sheet Number:

A-4