

To Whom It May Concern:

In regards to the wireless communication facility located at 7401 E. Redfield Rd, Scottsdale AZ. 85267 (Thunderbird Academy), AT&T wireless is requested to replace the existing antennas with new 4g antennas. The current configuration consists of twelve (12) antennas and these will be replaced with twelve (12) new antennas. There will also be a 2' microwave dish located next to the proposed antennas. The dimensions of the ground equipment compound will not be affected.

The existing wireless communication facility is located at Thunderbird Academy on the existing water tower. The property is currently zoned I-1.

This development will not affect any vehicular or pedestrian patterns. The communication site does not emit any odor, dust, gas, noise, vibration, smoke, heat or glare. The RF emissions from this site are well within FCC guidelines for a digital PCS communication site.

We will be holding a neighborhood meeting at the site on March 14<sup>th</sup> at 6pm at the water tank. If you should have any questions, comments or concerns, please call Taylor Candland at 480-559-2643 or [jtcandla@bechtel.com](mailto:jtcandla@bechtel.com). You may also contact Keith Niederer (Senior Planner) with any city comments at 480-312-2953.

Thank you for your time.

Taylor Candland  
Bechtel Communications  
Zoning Specialist  
480-559-2643

# PROJECT INFORMATION

SCOPE OF WORK: AT&T PROPOSES TO UPDATE THEIR EXISTING TELECOM FACILITY WHICH CURRENTLY CONSIST OF GROUND MOUNTED EQUIPMENT CABINETS AND PANEL ANTENNAS ATTACHED TO EXISTING WATER TOWER. THE PROPOSED SCOPE OF WORK INCLUDES REPLACING (12) EXISTING 4' ANTENNAS WITH (12) 8' ANTENNAS AND ADDING (6) REMOTE RADIO HEADS (RRH) AND 1/4 MILE WAVE DISH.

SITE ADDRESS: 7401 E REDFIELD RD.  
SCOTTSDALE, AZ 85267

LATITUDE: 33° 36' 38" N  
LONGITUDE: 111° 55' 08" W  
JURISDICTION: CITY OF SCOTTSDALE  
EXISTING USE: WIRELESS SITE  
PROPOSED USE: UNMANNED TELECOMMUNICATIONS FACILITY  
APN: 175-04-002-A  
ZONING: 1-1

# DRAWING INDEX

REV

|               |                                            |   |
|---------------|--------------------------------------------|---|
| PHNX-P019-T01 | TITLE SHEET                                | 2 |
| PHNX-P019-Z01 | OVERALL SITE PLAN                          | 2 |
| PHNX-P019-Z02 | DETAILED SITE PLAN                         | 2 |
| PHNX-P019-Z03 | TOWER ELEVATIONS, ANTENNA LAYOUT & DETAILS | 2 |

# NOTES

1. THE FOLLOWING NOTES, SYMBOLS AND DETAILS FROM REVISION DOCUMENT NUMBER 24782-000-A1-EF-00001 APPLIES TO THE IMPLEMENTATION OF THIS SITE DESIGN PACKAGE. REFER TO STANDARD NOTES SHEET.

GENERAL NOTES: \_\_\_\_\_ DETAIL 623 - REV 1  
CONSTRUCTION NOTES: \_\_\_\_\_ DETAIL 101 - REV 2  
GROUNDING NOTES: \_\_\_\_\_ DETAIL 621 - REV 3  
ELECTRICAL INSTALLATION NOTES: \_\_\_\_\_ DETAIL 622 - REV 3  
RF NOTES: \_\_\_\_\_ DETAIL 116 - REV 4  
CONCRETE AND REINFORCING STEEL NOTES: \_\_\_\_\_ DETAIL 102 - REV 4  
SITE WORK GENERAL NOTES: \_\_\_\_\_ DETAIL 619 - REV 2

# A/E DOCUMENT REVIEW STATUS

|                                                                                                                                                                                                                                          |                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| 1                                                                                                                                                                                                                                        | ACCEPTED - WITH MINOR OR NO COMMENTS. CONSTRUCTION MAY PROCEED |
| 2                                                                                                                                                                                                                                        | NOT ACCEPTED - PLEASE RESOLVE COMMENTS AND RESUBMIT            |
| ACCEPTANCE DOES NOT CONSTITUTE APPROVAL OF DESIGN DETAILS, CALCULATIONS, ANALYSIS, TEST METHODS OR MATERIALS DEVELOPED OR SELECTED BY SUBCONTRACTOR AND DOES NOT RELIEVE SUBCONTRACTOR FROM FULL COMPLIANCE WITH CONTRACTUAL OBLIGATION. |                                                                |
| REVIEWED:                                                                                                                                                                                                                                | ENG. CONST.                                                    |
| BY:                                                                                                                                                                                                                                      | DATE                                                           |

# REDLINE DRAWING REVIEW

| NAME (PRINT)                                                                                                                                    | SIGNATURE | DATE |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|
| GENERAL CONTRACTOR - CONFIRM ACCURACY OF THESE REDLINE DRAWINGS                                                                                 |           |      |
| NAME (PRINT)                                                                                                                                    | SIGNATURE | DATE |
| FIELD COORDINATOR - VERIFY INSTALLATION PER REDLINE DRAWINGS                                                                                    |           |      |
| NAME (PRINT)                                                                                                                                    | SIGNATURE | DATE |
| ENGINEER - Market Engineers Shall Prepare Redline Drawings To Ensure Changes Do Not Alter The Original Design Intent And/Or Any Code Compliance |           |      |



at&t

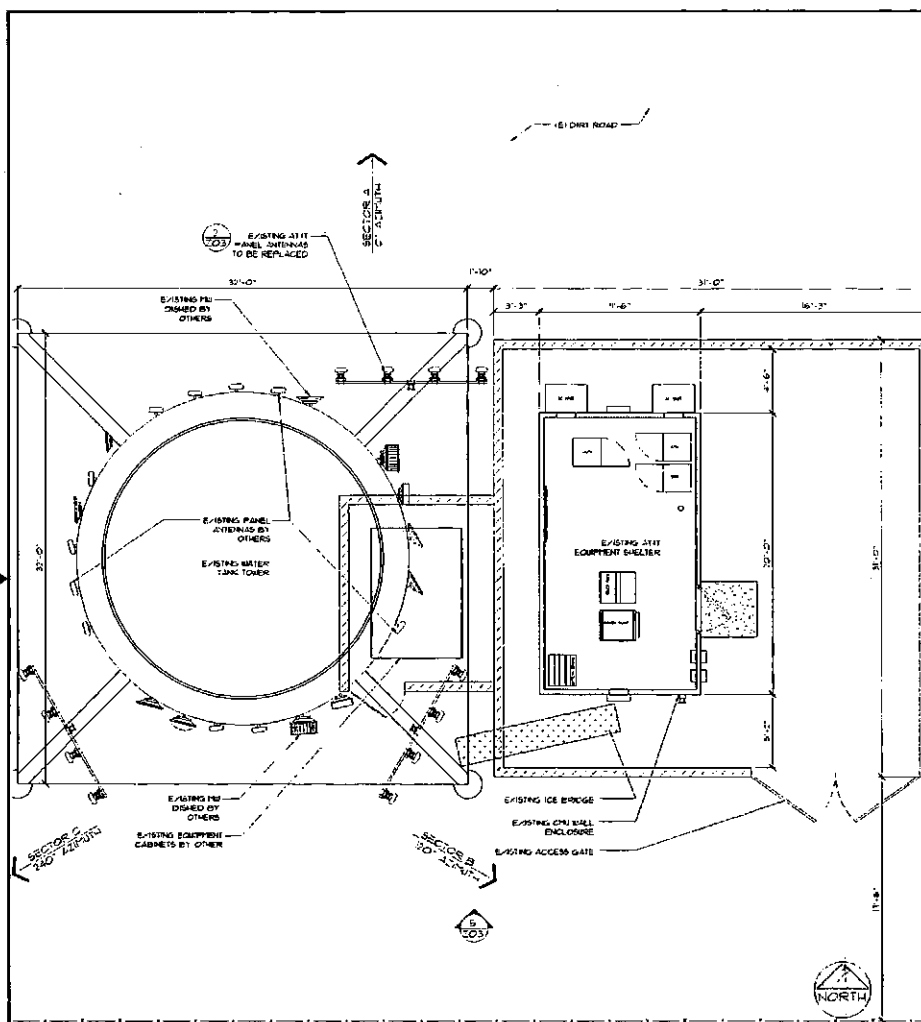
# SITE NUMBER: P019 CANDIDATE NAME: T-BIRD ACADEMY

# VICINITY MAP

DIRECTIONS:  
1. HEAD SOUTH ON N TATUM BLVD TOWARD E ROSE GARDEN LN  
2. TURN LEFT  
3. TURN RIGHT TO MERGE ONTO ACCESS LOOP E  
4. TAKE EXIT 34 FOR SCOTTSDALE RD  
5. TURN RIGHT AT N SCOTTSDALE RD  
6. TURN LEFT AT E THUNDERBOLT RD  
7. CONTINUE ONTO E REDFIELD RD. DESTINATION WILL BE ON THE RIGHT



© 2010 AT&T INTELLECTUAL PROPERTY, INC. (AT&T). THIS DOCUMENT WAS CREATED FOR BIRDVIEW CORPORATION UNDER AN AGREEMENT WITH AT&T. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR USED IN ANY FORM EXCEPT WITH THE WRITTEN PERMISSION OF AT&T OR BIRDVIEW.



**EXISTING DETAIL SITE PLAN**



**P019 design group**  
3200 N. HANCOCK RD. #11, 220  
SCOTTSDALE, AZ 85257  
PHONE: 480-433-0050 FAX: 480-433-0050

**T-BIRD ACADEMY**  
**P019**

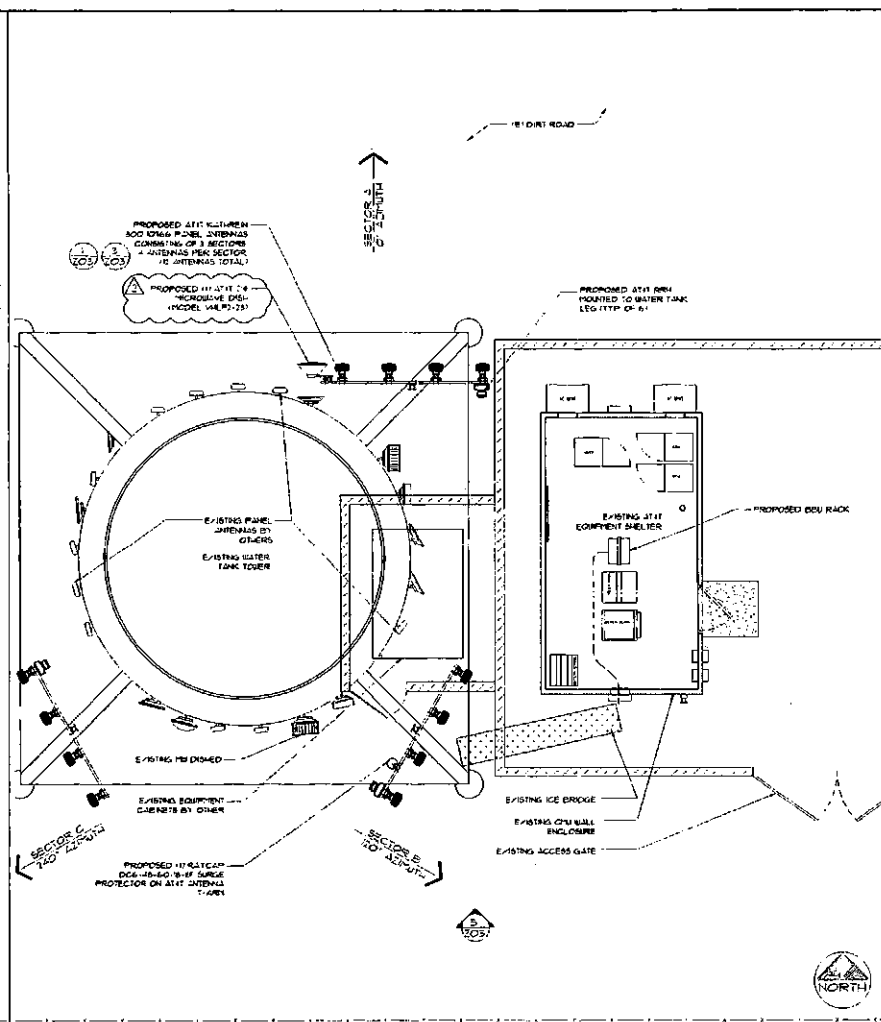
7401 E. PEPPER RD.  
SCOTTSDALE, AZ 85261



**AT&T MOBILITY**  
30830 N. TATUM BLVD. SUITE 400  
PHOENIX, AZ 85050  
PHONE: (480) 414-1828

**2**

**PROPOSED DETAIL SITE PLAN**



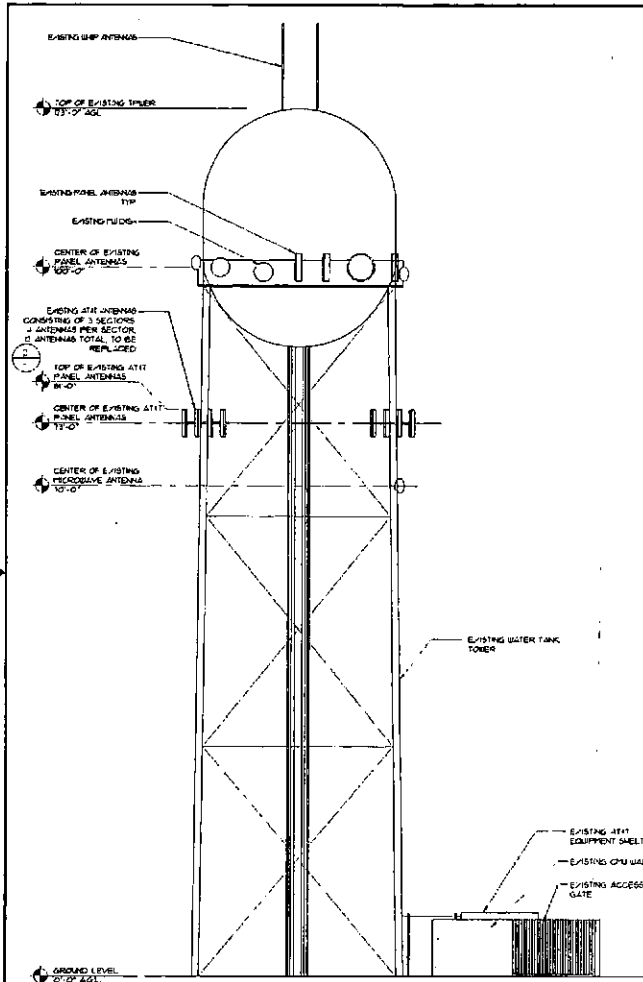
**EXISTING & PROPOSED DETAILED SITE PLANS**

| NO. | DATE     | DESCRIPTION                  | BY | CHKD | APP'D |
|-----|----------|------------------------------|----|------|-------|
| 1   | 08/10/11 | ADD MICROPHONE DISH          | BR | JC   | JS    |
| 2   | 09/28/10 | ISSUED FOR PLANNING COMMENTS | JC | AM   | JS    |
| 3   | 08/18/10 | ISSUED FOR FINAL ZDS         | JC | AM   | JS    |
| 4   | 08/17/10 | ISSUED FOR REVIEW            | BR | JC   | JS    |
| 5   |          |                              | BR | JC   | JS    |

SCALE: AS SHOWN DESIGNER: REVIEWER:

| PROJECT NUMBER | DRAWING NUMBER | REV. |
|----------------|----------------|------|
| P019           | Z02            | 2    |

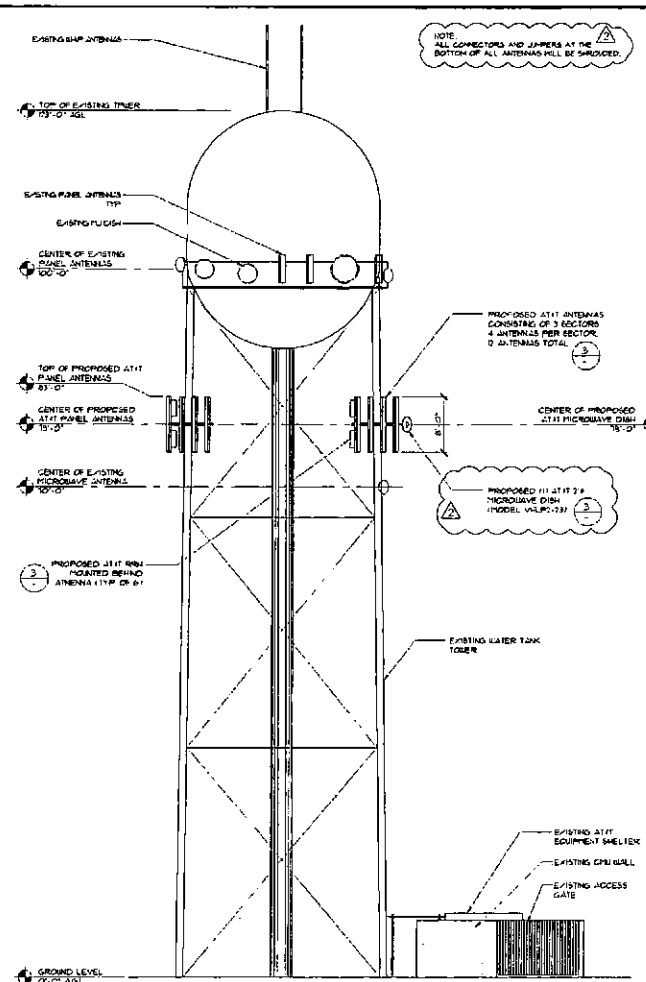
© 2003 AT&T MOBILITY SERVICES, INC. (AT&T). THIS DOCUMENT WAS CREATED FOR CLIENTS. INFORMATION SHOWN IN THIS DOCUMENT MAY BE REPRODUCED OR USED IN ANY FORM, BUT NOT FOR THE REPRODUCTION OF ANY OF ITS CONTENTS.



**EXISTING ELEVATION**

SCALE  
1/8" = 1'-0"

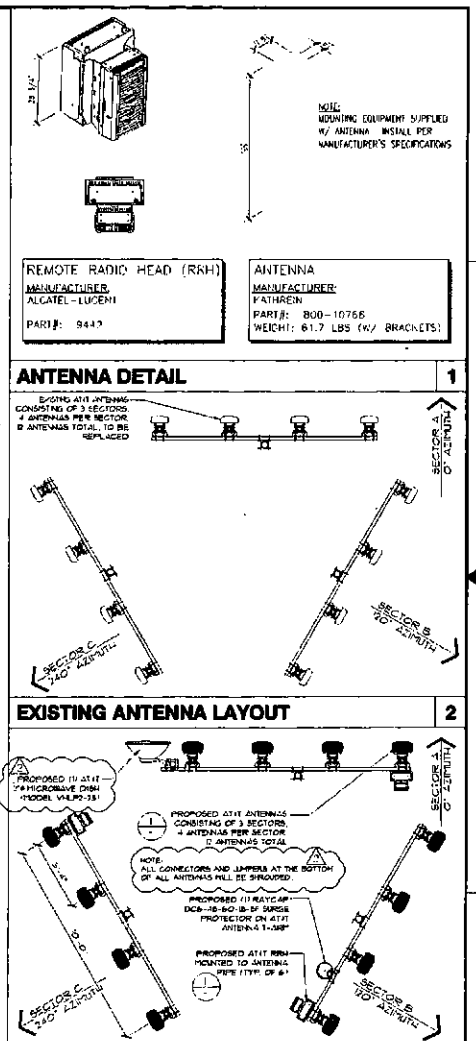
5



**PROPOSED ELEVATION**

SCALE  
1/8" = 1'-0"

4



**PROPOSED ANTENNA LAYOUT**

3



**T-BIRD ACADEMY**  
P019

7401 E. NEWFIELD RD.  
SCOTTSDALE, AZ 85267



AT&T MOBILITY  
20830 N. TATUM BLVD. SUITE 400  
PHOENIX, AZ 85050  
PHONE: (480) 414-1829

|    |          |                               |    |    |      |
|----|----------|-------------------------------|----|----|------|
| 2  | 01/10/11 | ADD MICROWAVE DISH            | BR | K  | JS   |
| 1  | 09/28/10 | ISSUED FOR PLANNING (REVISED) | AC | AM | JS   |
| 0  | 08/18/10 | ISSUED FOR FINAL JOB          | AC | AM | JS   |
| 4  | 08/12/10 | SPRINT FOR REVIEW             | BR | AC | JS   |
| 10 | DATE     | REVISIONS                     | BR | CM | ADPL |

SCALE: AS SHOWN DESIGNED: DRAWN: 2

**PROPOSED / EXISTING ELEVATIONS & ANTENNA PLAN**

|                |                |     |
|----------------|----------------|-----|
| PROJECT NUMBER | DRAWING NUMBER | REV |
| P019           | 2013           | 2   |