



## STAFF APPROVAL LETTER

442-SA-2014

### AT&T Waste Management Phoenix Open Temporary Wireless Communication Facility

#### STEP 1

#### STAFF APPROVAL NOTIFICATION

This letter is notification that your request has been conceptually approved by Current Planning Services staff.

**Additional review and permits may be required. Refer to Final Plan Review Submittal Requirements below.**

This approval expires February 15, 2015

#### PROJECT INFORMATION

LOCATION: 17020 N Hayden Rd  
PARCEL: 215-46-001F  
Q.S.: 36-46  
CODE VIOLATION #:

APPLICANT: Ben Feldman  
COMPANY: Pinnacle Consulting, Inc  
ADDRESS: 1426 N Marvin St Ste 101 Gilbert, AZ 85233  
PHONE: 480.664.9588 x 210

**Request:** Temporary WCF mounted on a 35-foot tall wood pole west of the 16th hole grandstands to supplement wireless coverage during the golf event.

#### STIPULATIONS

1. The temporary WCF shall be consistent with the plans submitted by Young Design Group and AT&T with a date of 10/21/2014.
2. This approval is temporary and shall extend from January 5, 2015 to February 15, 2015.
3. With the final plans submittal, submit an FAA Determination of No Hazard approval letter to City staff.
4. This wireless communication facility shall not be installed until a fully executed license agreement is completed with the City's Asset Management division. Submit a letter of clearance from Bob Hults of the Asset Management division, prior to the issuance of permits.
5. Obtain a Minimum Electric Generator permit from the One Stop Shop for the generator. Submit cut-sheets for the generator and fuel tank that clearly indicate the Kw and number of gallons of fuel storage.
6. A Construction Document submittal to the One Stop Shop is required for this site.
7. Contact Reed Pryor, Parks and Recreation Manager prior to any installation at 480-312-7921.
8. Obtain permits as required by the One Stop Shop.

**Related Cases:** 442-SA-2014, 441-SA-2014

SIGNATURE: \_\_\_\_\_

Keith Niederer

DATE APPROVED: Nov. 25, 2015

#### STEP 2

#### FINAL PLAN REVIEW SUBMITTAL REQUIREMENTS

Submit one copy of this approval letter, and a completed Owner/Builder form if applicable, and a permit application along with the following plan set(s) to the One-Stop-Shop for plan review:

- PLANS: ☒ 4 sets of architectural plans and 2 additional site plan and elevation
- OTHER: ☒ Generator cutsheets
- ☒ FAA determination of No Hazard

Pre-Application No.: **573** -PA- **14** Submittal Date: **11-14-14**

# **Type 1 or 2 WCF Development Review (Minor)** **(Administrative Staff Approval)** **Development Application Checklist**

**Official Use:**City Staff Contact: NiedererEmail: kniederer@scottsdaleaz.govPhone: 480-312-2953Project Name: WM OPEN COW #2 (16TH HOLE)Property's Address: 800E EAST PINE ST #101 17020 N. Hayden A.P.N.: 215-46-001FProperty's Zoning District Designation: O-SApplication Request: INSTALLATION OF TEMPORARY CELL SITE AT 35' HIGH FUL WM OPENOwner: CITY OF SCOTTSDALEApplicant: BEN FELDMAN

Company:

Company: PINNACLE CONSULTING ON BEHALF OF AT-T

Address:

Address: 1426 N. MARVIN ST #101 GILBERT 85233

Phone:

Fax:

Phone: 602-819-4662Fax: 480-664-9050

E-mail:

E-mail: BEN.FELDMAN@PINNACLECO.NET

Submittal Requirements: Please submit materials requested below. All plans must be folded.

☒ Completed Application (this form) and Application Fee –  
\$460.00 (fee subject to change every July)

☐ Landscape Plan (2) 24" x 36" folded. Indicate location of existing and new plants, location and dimension of paving, a plant palette with names, symbols, sizes, spacing & quantities, and open space/landscaping calculations.

☒ Affidavit of Authority to Act for Property Owner, letter of authorization, or signature below

☐ Property Owners Association Input

☐ Material Samples – color chips, glazing, etc.

☒ Request for Site Visits and/or Inspections form

☒ Narrative – the WCF request. This shall include efforts made to minimize the visual impact of the antennas and equipment cabinets.

☒ Site plan (2) 24" x 36" folded. Indicate the extent and location of antenna additions, buildings and other structures, including all equipment cabinets. Site plan shall indicate dimensions of existing and proposed structures, dimensions of existing and proposed ROW, setbacks and sight distance visibility triangles.

☒ Color photographs of site – include area of request

☒ Photo simulations of proposed WCF. In ESL areas, include photosim from nearest single family lots. photograph
☒ Map showing other existing or planned WCF's that will be used by Provider making the application. (describe height, mounting style & number of antennas on WCF)

☒ Community Notification Documentation. Notify all property owners within 750 feet of site. Submit names and addresses of all properties that were notified, submit a copy of the letter that was sent and the date that letter was mailed. Letters shall be mailed at least 15 days prior to submittal.

☒ Map of service area for proposed WCF

☒ Schedule a meeting with Keith Niederer 480-312-2953 when ready to submit this application.

☒ Elevation Drawings or Color Photo simulations (2) 24" x 36" folded. – of new additions, buildings, screening, poles or other changes with materials and colors noted and keyed

☒ Other: RF-EME Report

Please indicate in the checkbox below the requested review methodology (please see the descriptions on page 2):

☒ Enhanced Application Review: I hereby authorize the City of Scottsdale to review this application utilizing the Enhanced Application Review methodology.

☐ Standard Application Review: I hereby authorize the City of Scottsdale to review this application utilizing the Standard Application Review methodology.

Owner Signature

Agent/Applicant Signature

Planning, Neighborhood &amp; Transportation

7447 East Indian School Road Suite 105, Scottsdale, Arizona 85251 Phone: 480-312-7000 Fax: 480-312-7088

City of Scottsdale's Website: [www.scottsdaleaz.gov](http://www.scottsdaleaz.gov)

**Niederer, Keith**

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**From:** Pryor, Reed  
**Sent:** Wednesday, November 26, 2014 7:41 AM  
**To:** Niederer, Keith; 'Benjamin Feldman'  
**Cc:** Sonoda, Kevin; Hults, Robert  
**Subject:** RE: 16th Hole Temporary WCF

Keith, I'm well aware of the pole. PGA and BOR have approved.  
Reed

-----Original Message-----

**From:** Niederer, Keith  
**Sent:** Tuesday, November 25, 2014 7:47 PM  
**To:** 'Benjamin Feldman'  
**Cc:** Sonoda, Kevin; Pryor, Reed; Hults, Robert  
**Subject:** 16th Hole Temporary WCF

Hi Ben,

Attached is the Staff Approval letter.

Please submit a copy of the FAA Determination of No Hazard to Air Navigation.

Upon closer review of this AT&T temporary plans, it looks like AT&T is placing a 35-foot tall wooden pole in the ground west of the 16th grand stands. I didn't realize this at the pre-app. We are going to need to run these plans through a final plan submittal to the One Stop Shop as there are structural items that need to be reviewed by building code staff.

Reed - You're aware of this proposed wooden pole I hope west of hole 16 for AT&T, correct? I'm assuming this have been approved by the PGA?

Thanks, Keith

**AT&T Mobility Temporary Use Permit WM Open 2015**  
**COW #2 16<sup>th</sup> Green**



Ben Feldman – Pinnacle Consulting, Inc  
On behalf of AT&T Mobility  
(602) 819-4663  
[ben.feldman@pinnacleco.net](mailto:ben.feldman@pinnacleco.net)



**Project Description:** AT&T Wireless is seeking permission to setup a temporary facility for the 2015 Waste Management Open from 01/05/2015 – 2/15/2015 to supplement wireless cell coverage during the event. This site will not negatively affect the surrounding area during this timeframe.

AT&T is planning to deploy a temporary cell site during the event to help with call capacity for the increased usage in the area. The wood pole will be 35' tall when erected with three (3) PCS antennas. The project area is approximately 11' X 12' and will be fenced with chain link for security. The site will also contain one (1) generator to be located within the fenced area for backup power.

**Location:** The wood pole will be located on the golf course as depicted on the site plans. The location is to the West of the 16<sup>th</sup> green grandstands and sites in the lowest part of the slope. The property is owned by the City of Scottsdale and AT&T is currently working with the City of Scottsdale to secure the lease rights to the temporary space.

**Access:** Access to the temporary facility will be from Hayden road prior to the event for setup and again after the event. Access during the event will be from the clubhouse parking lot in the event the site needs to be visited during the event.

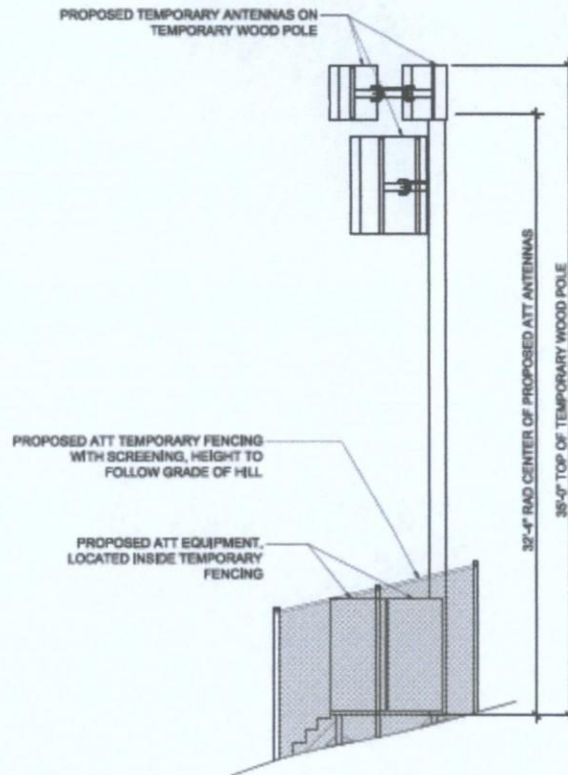
**FAA:** The proposed project meets the FAA "Determination of No Hazard" standards and does not require any lighting.

**Hours of operation:** The temporary facility will be operation for 24hrs a day during the 7 day use permit period to ensure that there is adequate coverage for patrons, sponsors, and employees during event and related activities.

**Contact:**

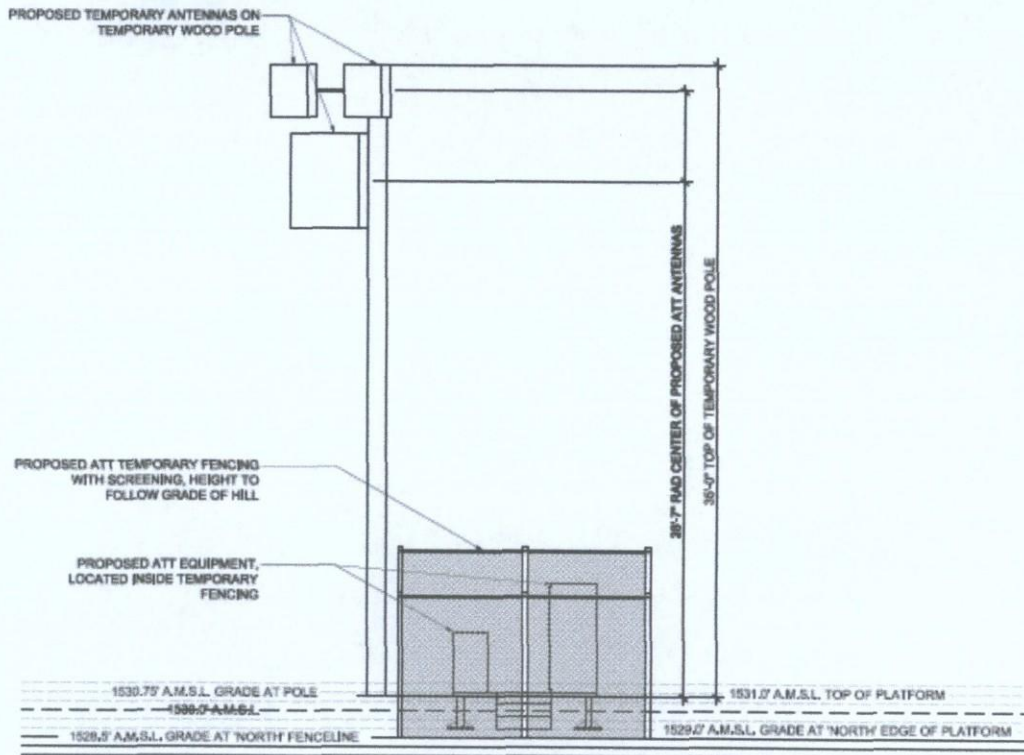
Ben Feldman  
Pinnacle Consulting, Inc  
1426 North Marvin Street #101  
Gilbert, AZ 85233  
602-819-4663  
[ben.feldman@pinnacleco.net](mailto:ben.feldman@pinnacleco.net)

## Wood Pole Design



1 NORTHWEST ELEVATION  
Z-3  
SCALE: 1/8" = 1'-0"

## Wood Pole Design



1  
Z-3  
NORTHEAST ELEVATION  
SCALE: 1/4" = 1'-0"





November 13, 2014

To whom it may concern,

With regards to the proposed AT&T wireless communications facility, Waste Management COW #2, this site will operate within all regulations specified by the Federal Communications Commission.

The maximum allowable public exposure set forth by the FCC for this type of facility is one (1) milliwatt per square centimeter. As planned, the calculated maximum value of ground level exposure for this facility will not exceed 0.002892 milliwatts per square centimeter.

Additionally, all FCC required RF safety signage will be posted at the proposed facility.

If I may be of further assistance, please contact me.

Sincerely,

Robert Hammersmark  
AT&T Market RF Safety Coordinator  
Arizona/New Mexico  
(602) 625-2372



## Pole Footing Embedded in Soil

File = m:\SEWOR-1\YDC\8674AT-1\WASTEM-1.EC6  
ENERCALC, INC. 1983-2014, Build: 6.14.9.4, Ver: 6.14.9.4

Lic. #: KW-06004631

Licensee: ISE, INC.

Description: AT&T Waste Management COLT Site - Wood Pole Embedment

### Code References

Calculations per IBC 2006 1805.7.2, CBC 2007, ASCE 7-05  
Load Combinations Used: ASCE 7-10

### General Information

Pole Footing Shape Circular  
Footing Diameter 16.0 in  
Find Lateral Pressure for Given Depth  
No Lateral Restraint at Ground Surface  
Allow Passive 300.0 pcf  
Max Passive 1,500.0 pcf  
Embedment Depth of Footing 13.50 ft

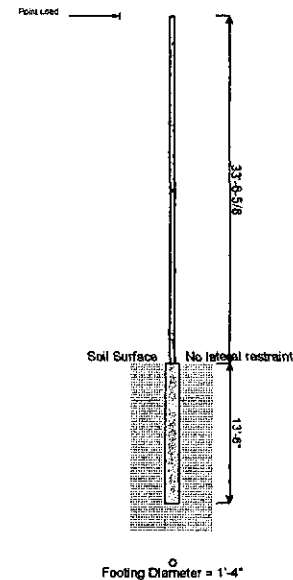
### Controlling Values

Governing Load Combination: +D+W+H  
Lateral Load 1.833 k  
Moment 61.497 k-ft

NO Ground Surface Restraint

Pressures at 1/3 Depth  
Actual 885.0 psf  
Allowable 1,350.0 psf

Footing Base Area 1.396 ft<sup>2</sup>  
Maximum Soil Pressure 0.0 ksf



### Applied Loads

Lateral Concentrated Load		Lateral Distributed Load		Vertical Load
D: Dead Load	k		k/ft	k
Lr: Roof Live	k		k/ft	k
L: Live	k		k/ft	k
S: Snow	k		k/ft	k
W: Wind	1.833 k		k/ft	k
E: Earthquake	k		k/ft	k
H: Lateral Earth	k		k/ft	k
Load distance above ground surface	33.550 ft	TOP of Load above ground surface	ft	
		BOTTOM of Load above ground surface	ft	

### Load Combination Results

Load Combination	Forces @ Ground Surface		Pressure at 1/3 Depth		Soil Increase Factor
	Loads (k)	Moments (ft-k)	Actual (psf)	Allow (psf)	
+D+H	0.000	0.000	1.0	1,350.0	1.000
+D+W+H	1.833	61.497	885.0	1,350.0	1.000

## 1-A ACCURACY CERTIFICATION

Date of Survey: 10/03/14

Site Name: WASTE MANAGEMENT OPEN COW #2  
Site Type: TEMPORARY WOOD POLE  
Site Location: 8082 E. PRINCESS DR. SCOTTSDALE, AZ 85255

I, **Ryan Fidler**, hereby certify that the coordinates at the center of the proposed sectors are as follows:

### Centroid of Geodetic Coordinates:

**NAD83**                      **Latitude:**        **33° 38' 14.617" N**  
                                  **Longitude:**    **111° 54' 56.268" W**

And I further certify that the elevations and heights referenced hereon are as follows:

**Elevations (Above Mean Sea Level)**

**Ground Elevation (A.M.S.L) =**

	<b>NAVD 88 - 1530.7 Feet (466.55 meters)</b>
	<b>NGVD 29 - 1528.7 Feet (465.94 meters)</b>

Structure Height (A.M.S.L.)  
(Top of WOOD POLE) =

**NAVD 88 - 1565.7 Feet (477.22 meters)**  
**NGVD 29 -1563.7 Feet (476.61 meters)**

### Heights (Above Ground Level)

Structure Height (Top of WOOD POLE) = 35.0 Feet (10.66 meters)

The horizontal accuracy (NAD83) of the latitude and longitude at the center of each sector falls within fifteen (15) feet. The elevations (NAVD88) of the ground and fixtures fall within three (3) feet. The measured heights (A.G.L.) are within +/- one (1) foot vertically.

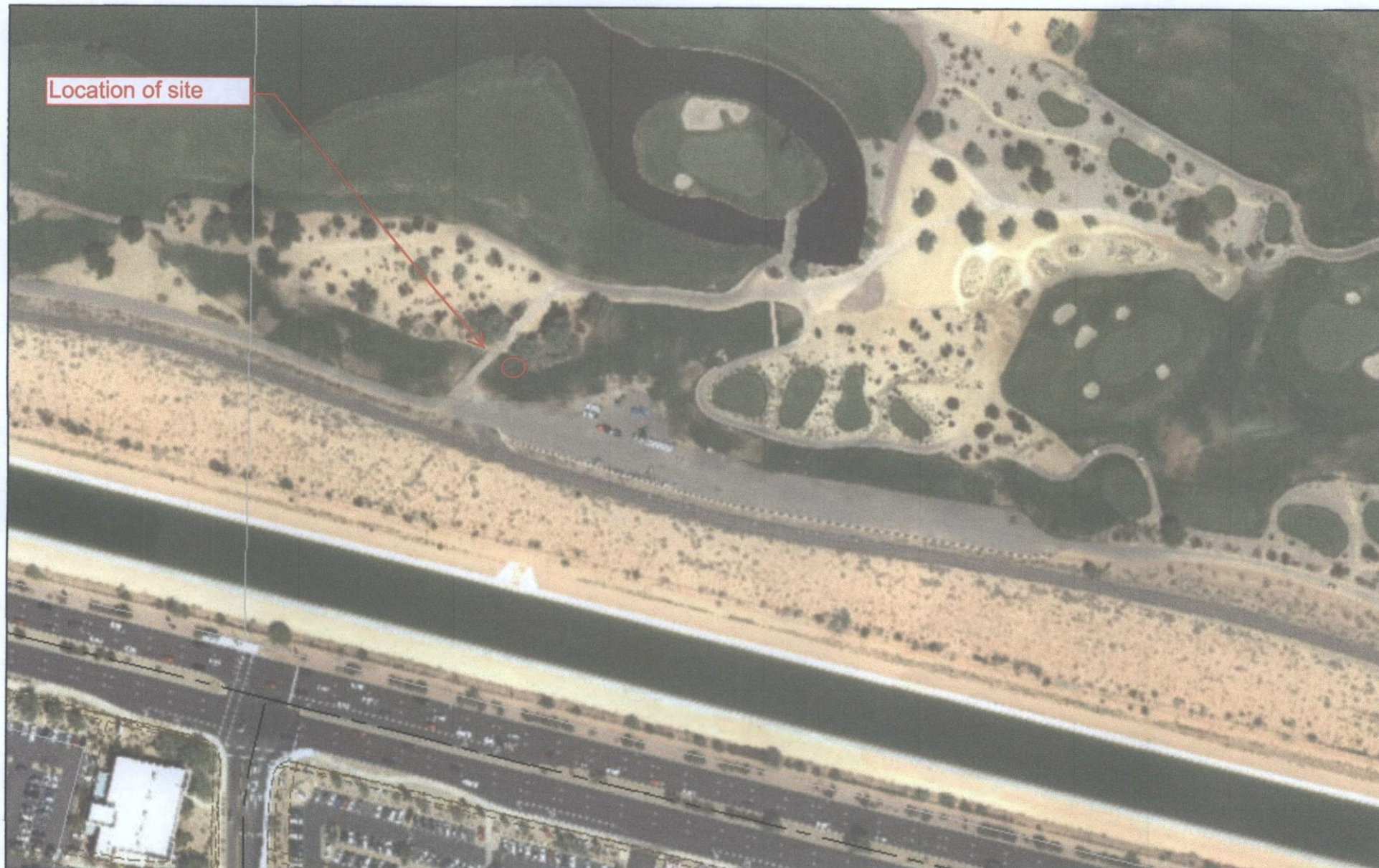
Ryan L. Fidler  
R.L.S. AZ#: 44007  
Date: 10/03/14



**at&t**  
**Mobility**

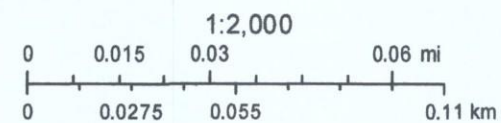


EXPIRES 03/31/15



November 13, 2014

- |             |                      |                        |
|-------------|----------------------|------------------------|
| — GLO       | — Street Centerlines | ■ Large Washes - 50cfs |
| — NAOS      | □ Parcel Boundary    |                        |
| -- Easement | Zoning               |                        |







Google earth









# City of Scottsdale Cash Transmittal

# 99444

**Received From :**

Pinnacle Consulting, Inc  
1426 N MARVIN ST STE 101  
GILBERT, AZ 85233  
602-819-4663

**Bill To :**

Pinnacle Consulting, Inc  
1426 N MARVIN ST STE 101  
GILBERT, AZ 85233  
602-819-4663

Reference # 573-PA-2014

Issued Date 11/14/2014

Address E FRANK LLOYD WRIGHT BL/N GREENWAY-HAYDEN LOOP (NW)

Paid Date

Subdivision

Payment Type CREDIT CARD

Marketing Name

Lot Number

Cost Center

MCR

County No

Metes/Bounds No

APN

Gross Lot Area 0

Water Zone

Owner Information

NAOS Lot Area 0

Water Type

USA-BOR

Net Lot Area

Sewer Type

23686 N 7TH

Number of Units 1

Meter Size

PHOENIX, AZ 85024

Density

QS

602-315-6617

Code	Description	Additional	Qty	Amount	Account Number
3232	WIRELESS COMM FACILITY (CASE)		1	\$460.00	100-21300-44221

SIGNED BY KAY HENNESSY ON 11/14/2014

Total Amount

**\$460.00**

(When a credit card is used as payment I agree to pay the above total amount according to the Card Issuer Agreement.)

**TO HAVE WATER METER SET - CALL 480-312-5650 AND REFER TO TRANSMITTAL # 99444**