



Development Review (Minor) Staff Approval

303-SA-2018

AT&T X086

APPLICATION INFORMATION

LOCATION:	3629 N Drinkwater Bl	APPLICANT:	Lisa Sennott
PARCEL:	130-24-001A	COMPANY:	Smartlink LLC
Q.S.:	16-45	ADDRESS:	8502 E Via De Ventura Ste 220 Scottsdale, AZ 85258
CODE VIOLATION #:		PHONE:	602-739-5637

Request: Modifications to antennas and TMA's at existing AT&T wireless communication facility co-located on a ball field light pole at Scottsdale Stadium.

STIPULATIONS

1. Modifications to existing wireless communication facility shall conform to the plans submitted by Young Design Corp, Smartlink and AT&T with a date of 9/26/2018.
2. New antennas, associated radio equipment and mounting hardware shall be painted to match the existing antennas and the light pole.
3. Antenna mounts shall be trimmed to match the height and length of the antennas.
4. Jumper cables fed into the bottom of the antennas shall be screened by shrouds that are painted and textured to match the antennas.
5. Submit a structural analysis with the CD submittal.
6. Prior to any construction, contact Chris Walsh, Parks and Recreation Manager at 480-312-2551, to discuss time table and scope of construction.
7. Prior to construction, schedule a Pre-construction meeting with Inspection Services by calling 480-312-5796.

CONSTRUCTION DOCUMENT 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 review:

PERMIT APPLICATION: ☒ **Completed Permit Application.** The permit application may be obtained or filled-out online at the following weblink:
http://www.scottsdaleaz.gov/assets/ScottsdaleAZ/Building/APP_Permits/Permit_Commercial.pdf
(Please complete the permit application online prior to arriving at the City to submit your construction documents)

PLANS: ☒ Submit digitally or submit 5 sets of plans to be reviewed by Building, Planning & Fire.
OTHER: ☒ Structural analysis for building review

Planning and Development Services

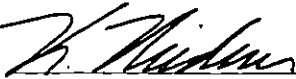
7447 East Indian School Road, Suite 105, Scottsdale, Arizona 85251 Phone: 480-312-7000 Fax: 480-312-7088

City of Scottsdale's Website: www.scottsdaleaz.gov

Expiration of Development Review (Minor) Approval

This approval expires two (2) years from date of approval if a permit has not been issued, or if no permit is required, work for which approval has been granted has not been completed.

Staff Signature: _____



Keith Niederer

DATE: _____

10-29-2018**Planning and Development Services**

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

Type 1 or 2 WCF Development Review (Minor)**(Administrative Staff Approval)****Development Application Checklist****keycode - 9W099****Official Use:**City Staff Contact: NiedererEmail: kniederer@scottsdaleaz.govPhone: 480-312-2951Project Name: OSBORN & SCOTTSDALEProperty's Address: 3629 N. DRINKWATER DR., SCOTTSDALE, AZ 85251A.P.N.: 130-24-001a

Property's Zoning District Designation:

Application Request:

Owner: City of ScottsdaleApplicant: Lisa Sennott

Company:

Company: Smartlink LLCAddress: 3939 Civic Center Plaza, Scottsdale, AZ 85251Address: 8502 E Via de Ventura Suite, 220, Scottsdale, AZ 85258

Phone:

Fax:

Phone: 602-739-5634

Fax:

E-mail:

E-mail: lisa.sennott@smartlinkllc.com**Submittal Requirements: Please submit materials requested below. All plans must be folded.**☒ **Completed Application (this form) and Application Fee**\$485 (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**☒ **Site plan (2) 11"x17" 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.☒ **Narrative – the WCF request.** This shall include efforts made to minimize the visual impact of the antennas and equipment cabinets.☐ **Color photographs of site – include area of request**☒ **Photo simulations of proposed WCF.** ~~In ESL areas, include photosim from nearest single family lots.~~ SE side☐ **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) 11"x17" folded.** – of new additions, buildings, screening, poles or other changes with materials and colors noted and keyed☐ **Other:****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 and Development Services

7447 East Indian School Road Suite 105 Scottsdale, Arizona 85251 • www.ScottsdaleAZ.gov



City of Scottsdale Cash Transmittal

117268

Received From :

SMARTLINK LLC
8502 E VIA DE VENTURA STE 220
SCOTTSDALE, AZ 85258
602-739-5634

Bill To :

PAID TO THE ORDER OF
WELLS FARGO BANK, N.A.
FOR DEPOSIT ONLY
CITY OF SCOTTSDALE 845-504885
10/29/2018 01:16:00
#117268 : 011644
JULIO 4485.00

Reference # 813-PA-2018

Issued Date 10/29/2018

Address 3629 N DRINKWATER BL

Paid Date 10/29/2018

Subdivision

Payment Type CHECK

Marketing Name

Lot Number

Cost Center

MCR

Metes/Bounds No

Jurisdiction SCOTTSDALE

APN 130-24-001A

Gross Lot Area 0

Water Zone

Owner Information

NAOS Lot Area 0

Water Type

CITY OF SCOTTSDALE

Net Lot Area 0

Sewer Type

7447 E INDIAN SCHOOL RD STE 105

Number of Units 1

Meter Size

SCOTTSDALE, AZ 85251

Density

QS 16-45

480-312-2953

Code	Description	Additional	Qty	Amount	Account Number
3232	WIRELESS COMM FACILITY (CASE)		1	\$485.00	100-21300-44221

Lisa Sennott

SIGNED BY LISA SENNOTT ON 10/29/2018

Total Amount

\$485.00

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

3" and larger water meter fees are based on cost recovery. The city will contact the owner of the construction permit if additional funds are due. Payment will be due within 30 days notification.

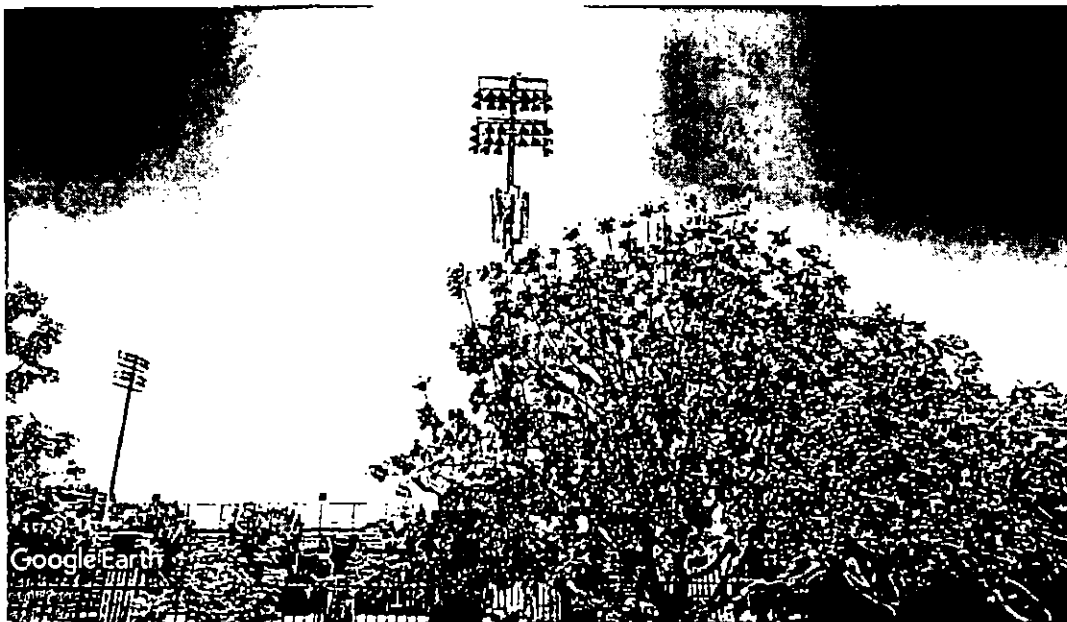
TO HAVE WATER METER SET - CALL 480-312-5650 AND REFER TO TRANSMITTAL # 117268



PROJECT NARATIVE SUBMITTAL

Wireless Communication Facility Modification

3629 N. Drinkwater Dr.
Scottsdale, AZ 85251



Submitted By:

Lisa Sennott

8502 E. Via de Ventura, Suite 220, Scottsdale, AZ 85258

480-739-5634 / lisa.sennott@smartlinkllc.com

October 12, 2018

Description of the Site / Purpose of Modification:

AT&T Site ID X086– OSBORN & SCOTTSDALE/Sector Split
APN: 130-24-001A

This property is located at Scottsdale Stadium 3629 E. Goldwater Drive. The modification is to upgrade AT&T's existing equipment.

This application is for the replacement of existing antennas to allow for improved wireless coverage, with minimal visual impact. The related ground equipment located in the shelter behind existing CMU wall enclosure. This upgrade will maintain the number of antennas on the pole. The existing antenna height will not change.

Current Zoning: R5

Proposed Modification:

Ball Field Light Monopole Work:
Replace (1) Existing 96"x11.8"x6" Antenna
Remove (2) Existing TMA's
Replacing (4) Existing TMA's
Remove (2) Existing Quadplexers

Changes in Existing Enclosure Area:

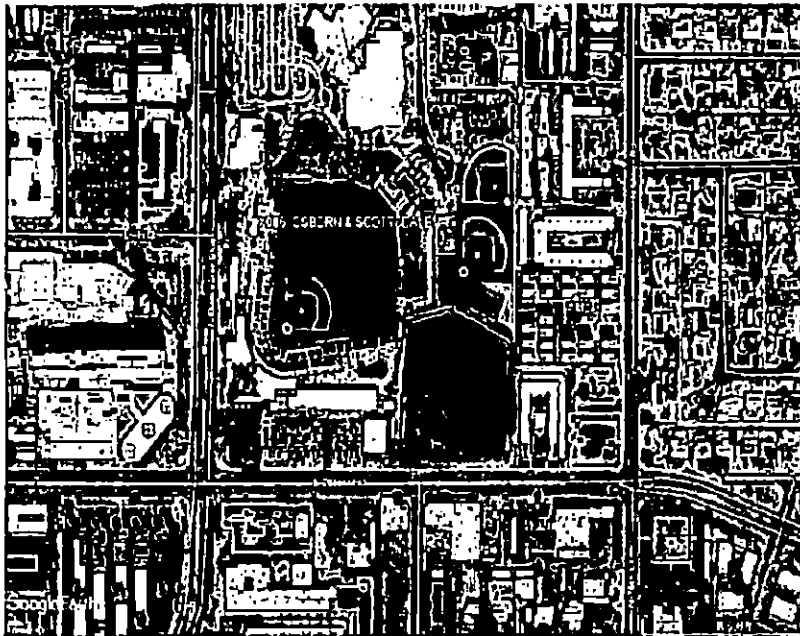
Install (2) new RRH units
Install (1) new WCS Filter

Access to the facility will be limited to authorized personnel only. The communication facility will have no impact to vehicular or pedestrian patterns; it does and will not utilize connection to any water system, refuse collection, or sewer system. The existing and proposed equipment will not emit any odor, dust, gas, noise, vibration, smoke, heat or glare.

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PHOTOGRAPHIC SIMULATION



SITE LOCATION MAP



SITE NAME: X086 OSBORN & SCOTTSDALE

SITE LOCATION: 7408 E OSBORN, SCOTTSDALE,
AZ 85251

DATE: 10/23/2018

APPLICANT: AT&T

CONTACT: JOHN TISHUCK
(480) 262-6316
JOHN.TISHUCK@SMARTLINKLLC.
COM

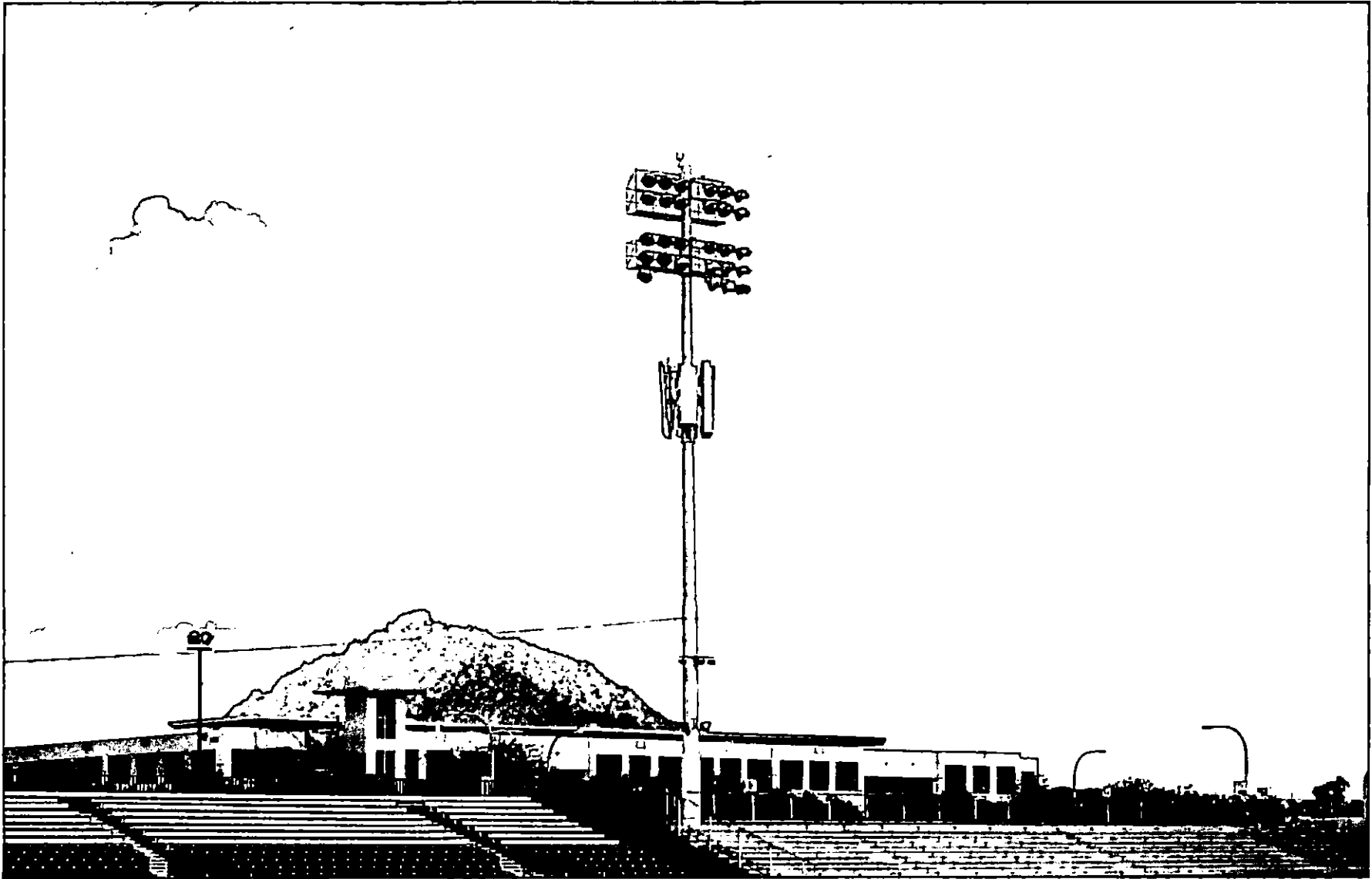
2018 GOOGLE MAPS

THE INCLUDED PHOTOGRAPH SIMULATION(S) ARE INTENDED FOR VISUAL REPRESENTATIONS ONLY. THEY ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES. THE MATERIALS REPRESENTED WITHIN THE INCLUDED PHOTOGRAPHIC SIMULATION(S) ARE SUBJECT TO CHANGE.

EXISTING VIEW



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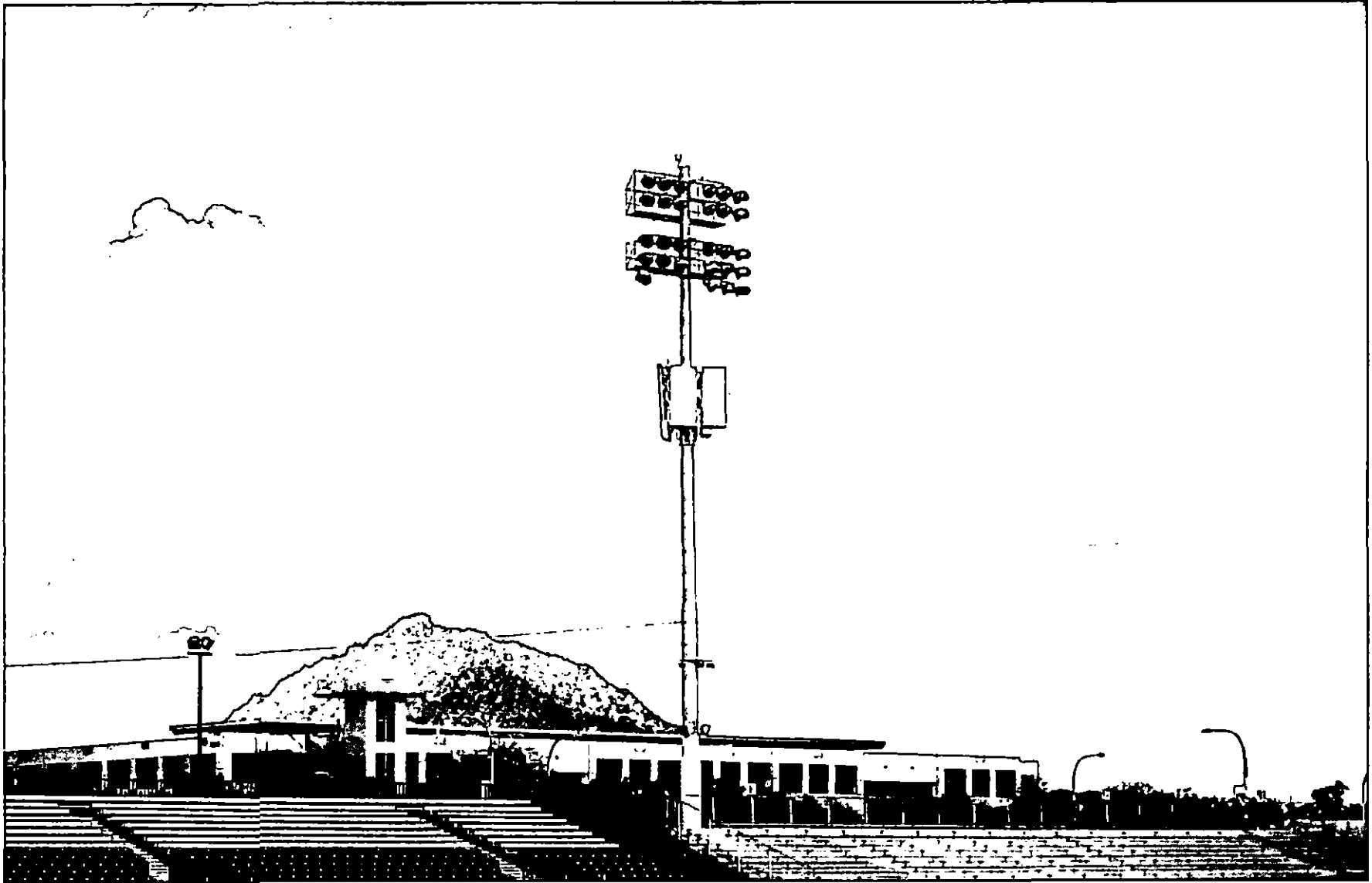


PHOTOSIMULATIONS PROVIDED BY YOUNG DESIGN CORP - 10245 E VIA LINDA #211 - SCOTTSDALE, AZ 85258

PROPOSED VIEW



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PHOTOSIMULATIONS PROVIDED BY YOUNG DESIGN CORP - 10245 E VIA LINDA #211 - SCOTTSDALE, AZ 85258

PROJECT TEAM

CLIENT REPRESENTATIVE

COMPANY SMARTLINK, LLC
ADDRESS 8502 E. VIA DE VENTURA SUITE 220
CITY, STATE, ZIP SCOTTSDALE, AZ 85258
CONTACT JOHN TISHUCK
PHONE (480) 262-6316
E-MAIL JOHN.TISHUCK@SMARTLINKLLC.COM

PROJECT OWNER

COMPANY AT&T
ADDRESS 1355 WEST UNIVERSITY DRIVE
CITY, STATE, ZIP MESA, AZ 85201-5419
CONTACT SHAH KHALID
PHONE (480) 444-4689
E-MAIL SHAH.KHALID@ATT.COM

PROFESSIONAL OF RECORD

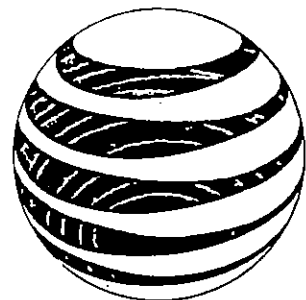
ARCHITECT RONALD C. YOUNG, AIA
ADDRESS 10245 EAST VIA LINDA SUITE 211
CITY, STATE, ZIP SCOTTSDALE, AZ 85258
CONTACT JOHN SULTZBACH
PHONE (480) 451-9609
E-MAIL JOHN.SULTZBACH@YDCOFFICE.COM

PROPERTY OWNER

COMPANY CITY OF SCOTTSDALE
ADDRESS 3629 N. CIVIC CENTER BLVD
CITY, STATE, ZIP SCOTTSDALE, AZ 85251
CONTACT REED PRYOR
PHONE (480) 312-1011

TOWER OWNER

COMPANY CITY OF SCOTTSDALE
ADDRESS 3629 N. CIVIC CENTER BLVD
CITY, STATE, ZIP SCOTTSDALE, AZ 85251
CONTACT REED PRYOR
PHONE (480) 312-1011



AT&T

PROJECT INFORMATION:

X086 AZL06086 AZPHU6086
OSBORN & SCOTTSDALE

SPLIT SECTOR ADD PTN: 3901A0EPL7
FA: 10129642 USID: 106873

APPROVALS

AT&T (RF): _____ DATE: _____
AT&T (CONST.): _____ DATE: _____
AT&T (SAM) _____ DATE: _____
LANDLORD _____ DATE: _____
LANDLORD: _____ DATE: _____

JURISDICTIONAL APPROVAL

STIPULATION SET
RETAIN FOR RECORDS
APPROVED

10-29-18 KN
DATE INITIALS



AT&T

1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

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SCOTTSDALE, AZ 85258
TEL: (480) 878-4875
FAX: (410) 263-5470



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10245 E. Via Linda, Scottsdale, AZ 85258
ph: 480 451 9609 fax: 480 451 9608

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REV	DATE	REVISION DESCRIPTION
2	09-26-2018	FINAL
1	09-12-2018	95% REVIEW
0	08-03-2018	90% REVIEW

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1	09-12-2018	95% REVIEW
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THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SPEC'S UNLESS SPECIFICALLY STATED OTHERWISE. THE MANUFACTURER'S EQUIPMENT INSTALLATION SPEC'S SHALL ALWAYS BE VERIFIED BY THE CONTRACTOR BEFORE INSTALLATION.

PROJECT INFORMATION:
X086 AZL06086 AZPHU6086
OSBORN & SCOTTSDALE
3629 N. DRINKWATER DR.
SCOTTSDALE, AZ 85251
MARICOPA COUNTY

DRAWN BY: JRS CHECKED BY: MAY

SHEET TITLE: TITLE SHEET

SHEET NUMBER: T-1 REV.: 2

GENERAL NOTES

DO NOT SCALE DRAWINGS

CONTRACTOR 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 BE RESPONSIBLE FOR SAME.

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.

SITE INFORMATION

LATITUDE 33° 29' 21.28992" N
LONGITUDE -111° 55' 18.91004" W
LAT/LONG TYPE NAD 83
APN # 130-24-001A
AREA OF CONSTRUCTION EXISTING
ZONING/JURISDICTION CITY OF SCOTTSDALE
CURRENT ZONING R-5
EXISTING USE UNMANNED TELECOMMUNICATIONS FACILITY
COUNTY MARICOPA COUNTY
HANDICAP REQUIREMENTS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED.



DRIVING DIRECTIONS

FROM AT&T OFFICE 1355 WEST UNIVERSITY DRIVE, MESA, AZ 85201-5419
GET ON AZ-202 LOOP W. FOLLOW AZ-202 LOOP W TO EXIT 7 SCOTTSDALE RD. NORTH TO OSBORN RD. (APPROX. 3.6 MILES) EAST TO SCOTTSDALE STADIUM. ENTER THROUGH SOUTH GATE (KEY CODE 916719# IF LOCKED), AND PROCEED ALONG WEST CONCOURSE. SITE ALONG THIRD BASE LINE. COMPOUND DOOR IS ON 1A KEY, AND LOCK BOX CODE IS 6210. TO UNLOCK GATE FOR EXIT, USE RED PUSH TO EXIT BUTTON ON COLUMN BETWEEN GATE AND ELEVATOR.

CODE COMPLIANCE

BUILDING CODE INTERNATIONAL BUILDING CODE 2012
ELECTRICAL CODE NATIONAL ELECTRICAL CODE 2011
LIGHTNING PROTECTION CODE NFPA 780 - 2008 LIGHTNING PROTECTION CODE

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (LAJ) FOR THE LOCATION. THE EDITION OF THE LAJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

RFDS DATA

DESIGN PACKAGE BASED ON RF DATA SHEET			
RFDS NAME	AZL06086	NUMBER OF TWIN QUADPLEXERS	12
REVISION	1	NUMBER OF WCS FILTERS	2
DATE	12-04-17	NUMBER OF RET LINES	1
NUMBER OF SECTORS	3		
NUMBER OF ANTENNAS	6		
NUMBER OF TMA UNITS	17		
NUMBER OF RRH UNITS	19		
NUMBER OF FIBER/DC SQUIDS	0		
NUMBER OF DC SQUIDS	0		
NUMBER OF FIBER CABLES	19		
NUMBER OF DC CABLES	19		
NUMBER OF COAX CABLES	22		

SHEET	DESCRIPTION
T-1	TITLE SHEET
A-1	SITE PLAN
A-2	EQUIPMENT & ANTENNA LAYOUTS
A-3	ELEVATIONS - EXISTING AND NEW
E-1	ELECTRICAL PANEL
E-2	GROUNDING PLANS
CONTRACTOR TO REFERENCE PACKAGE "B" FOR SCHEMATICS, WIRING DIAGRAMS AND DETAILS.	

NOTE:
THESE DRAWINGS WERE PRODUCED WITHOUT
THE BENEFIT OF A CURRENT LAND SURVEY. ALL
PROPERTY LINES, EASEMENTS, SETBACKS AND
EXISTING CONDITIONS ARE APPROXIMATE AND
SHALL BE VERIFIED PRIOR TO START OF
CONSTRUCTION.

Call at least two full working days
before you begin excavation.
ARIZONA 811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100



1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

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SCOTTSDALE, AZ 85258
TEL (480) 878-4875
FAX: (410) 263-5470



architecture / project management
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2	06-26-2018	FINAL
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0	08-03-2018	90% REVIEW

THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND
MATERIALS IN ACCORDANCE WITH MANUFACTURERS
RECOMMENDATIONS AND SPECS. UNLESS SPECIFICALLY
STATED OTHERWISE THE MANUFACTURERS EQUIPMENT
INSTALLATION SPECS SHALL ALWAYS BE VERIFIED BY THE
CONTRACTOR BEFORE INSTALLATION

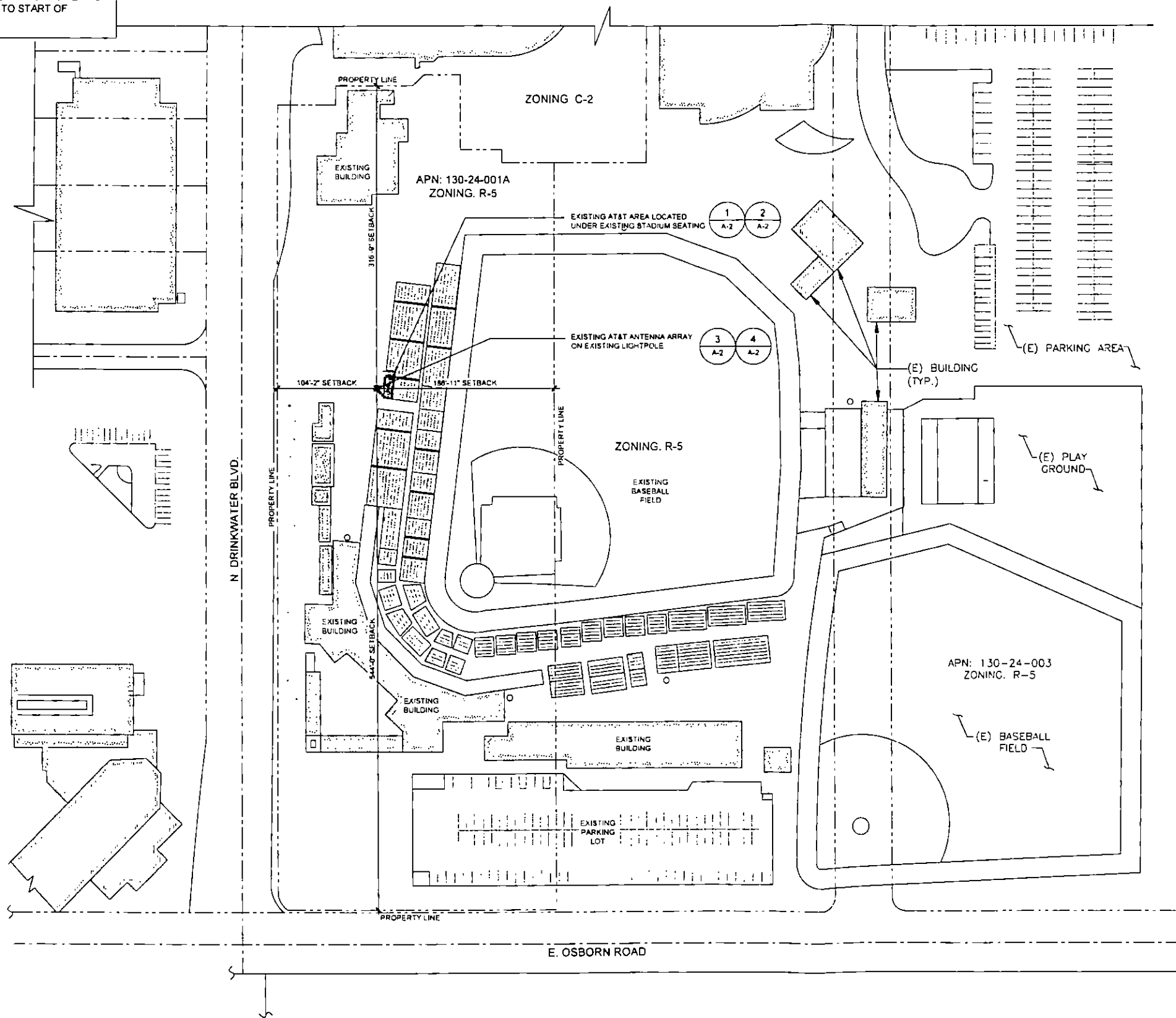
PROJECT INFORMATION
X086 AZL06086 AZPHU6086
OSBORN & SCOTTSDALE
3629 N. DRINKWATER DR.
SCOTTSDALE, AZ 85251
MARICOPA COUNTY

DRAWN BY: JRS CHECKED BY: MAY

SHEET TITLE
SITE PLAN

SHEET NUMBER REV

A-1 2



STIPULATION SET
RETAIN FOR RECORDS
APPROVED

10-29-18
DATE INITIALS

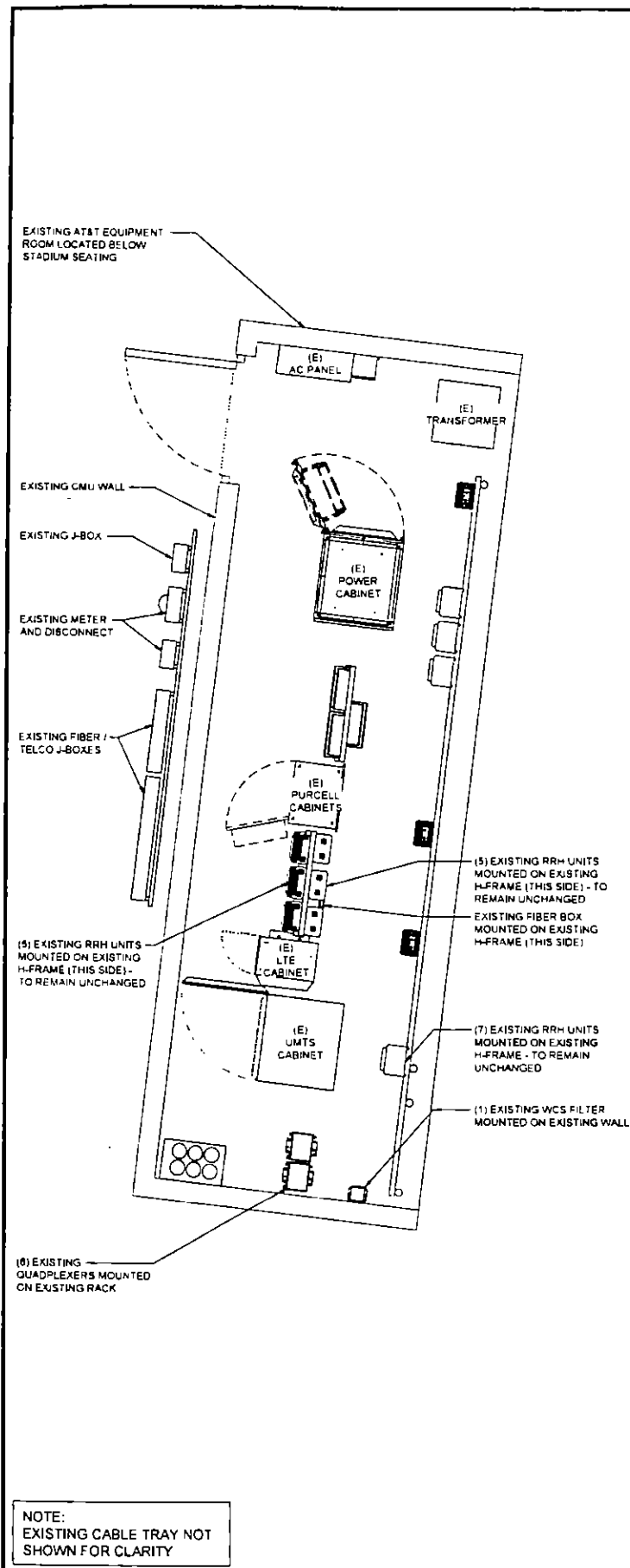


SITE PLAN

22"x34" SCALE 1" = 60'-0"
11"x17" SCALE 1" = 120'-0"

1

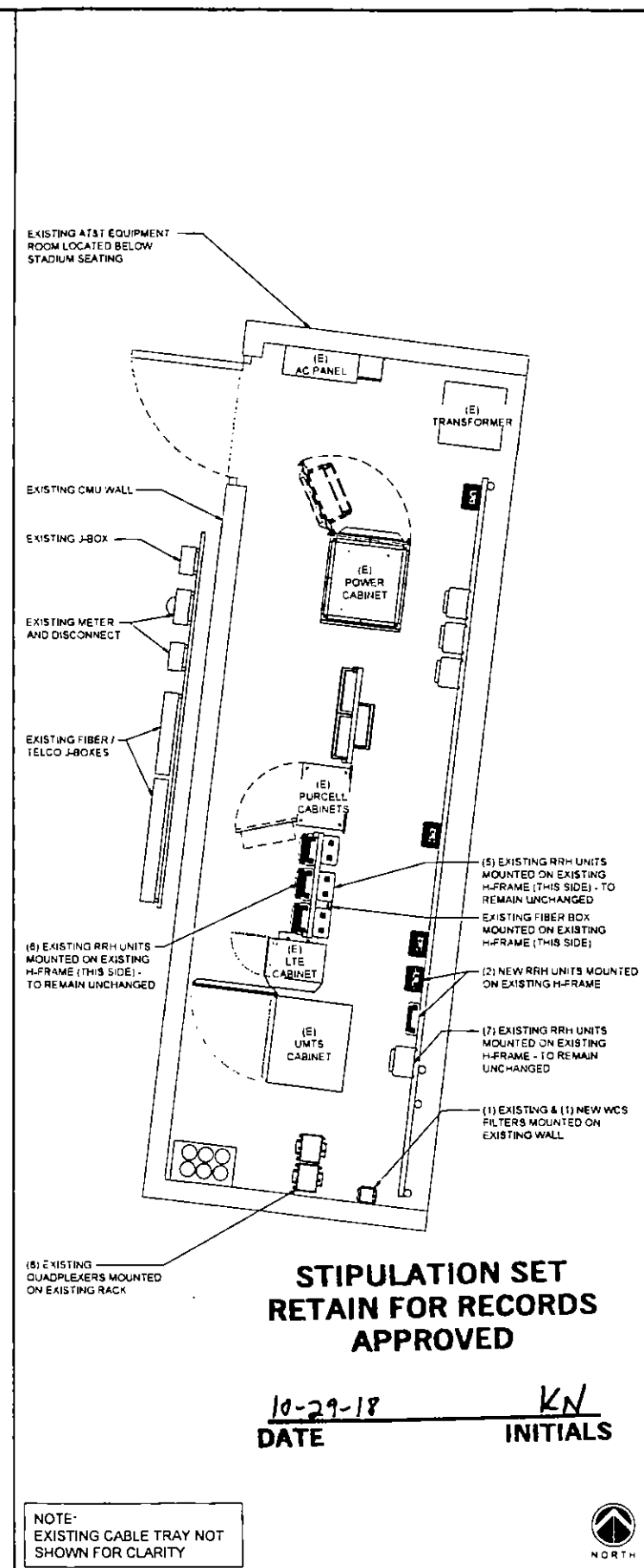
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EQUIPMENT PLAN-EXISTING

22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"

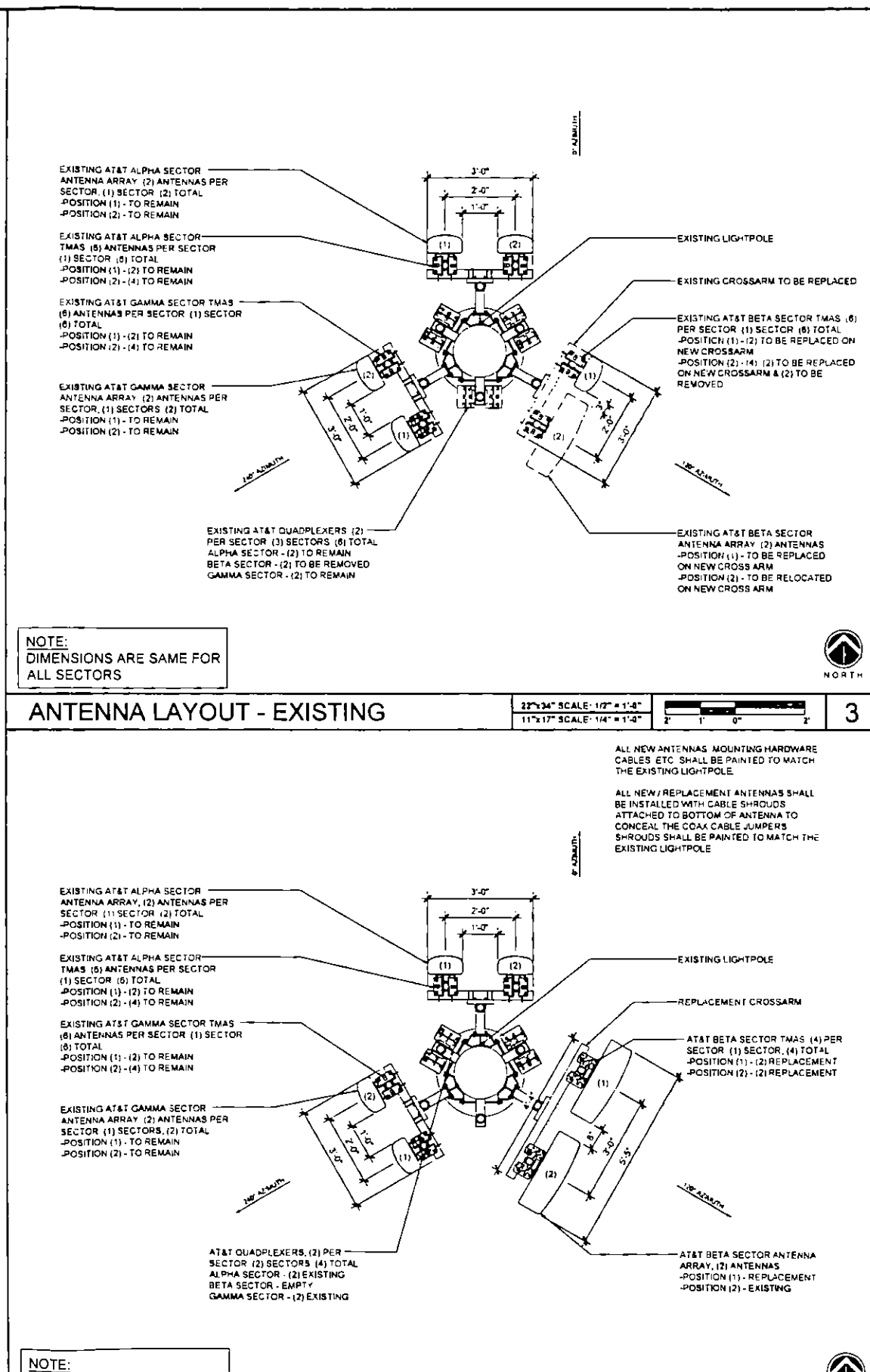
1



EQUIPMENT PLAN-NEW

22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"

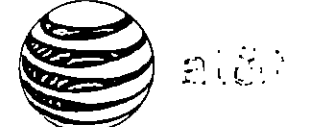
2



ANTENNA LAYOUT - NEW

22"x34" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

4



1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

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smartlink

8502 E. VIA DE VENTURA
SUITE 220
SCOTTSDALE, AZ 85258
TEL: (480) 878-4875
FAX: (410) 263-5470

Young design corp

architecture / project management
10245 E. Via Linda, Scottsdale, AZ 85258
ph. 480 451 9609 fax. 480 451 9608

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REV.	DATE	REVISION DESCRIPTION
2	09-26-2018	FINAL
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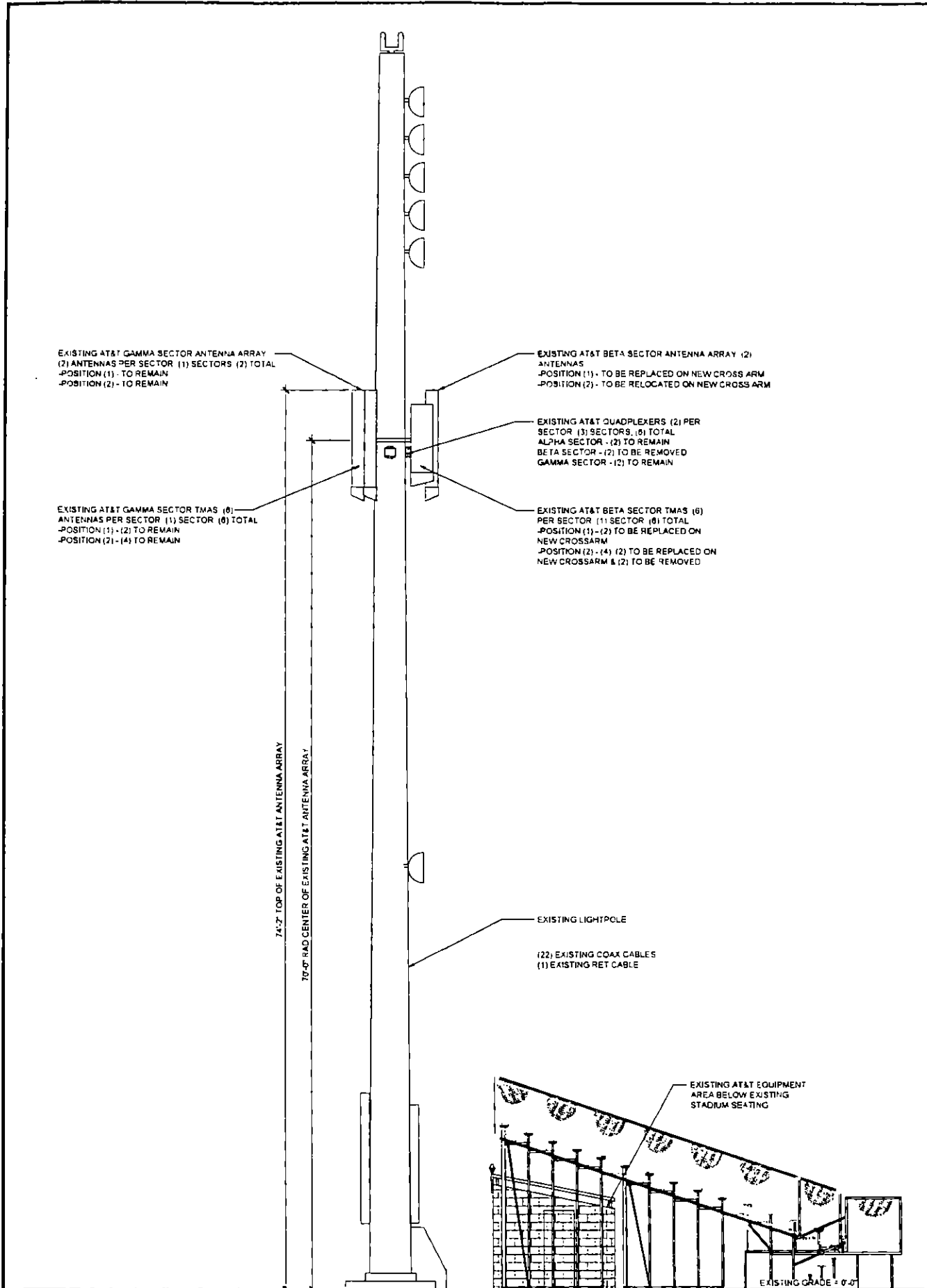
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OSBORN & SCOTTSDALE
3629 N. DRINKWATER DR.
SCOTTSDALE, AZ 85251
MARICOPA COUNTY

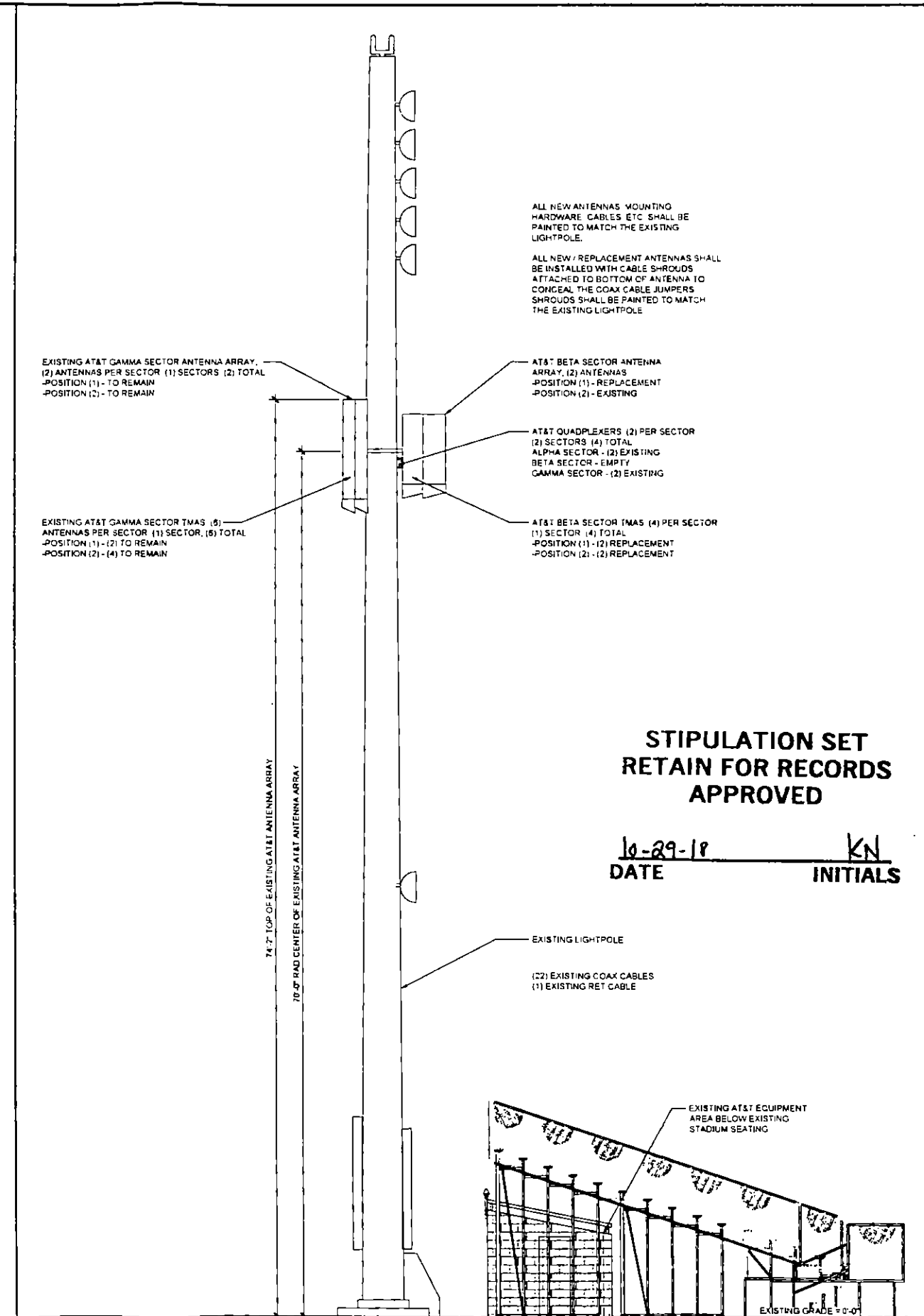
DRAWN BY	CHECKED BY
JRS	MAY

SHEET TITLE:
EQUIPMENT AND ANTENNA LAYOUTS


SHEET NUMBER	REV.
A-2	2



SOUTH ELEVATION - EXISTING 22"x34" SCALE, 3/16" = 1'-0" 11"x17" SCALE, 3/32" = 1'-0" 1 2




SOUTH ELEVATION - NEW 22"x34" SCALE, 3/16" = 1'-0" 11"x17" SCALE, 3/32" = 1'-0" 2




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MESA, AZ 85201-5419

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architecture / project management
10245 E. Via Linda, Scottsdale, AZ 85258
ph: 480 451 9609 fax: 480 451 9608

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REV	DATE	REVISION DESCRIPTION
2	09-26-2018	FINAL
1	08-12-2018	95% REVIEW
0	08-03-2018	90% REVIEW

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PROJECT INFORMATION
X086 AZL06086 AZPHU6086
OSBORN & SCOTTSDALE
3629 N. DRINKWATER DR.
SCOTTSDALE, AZ 85251
MARICOPA COUNTY

DRAWN BY JRS	CHECKED BY MAY
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SHEET TITLE:
**ELEVATIONS
EXISTING & NEW**

SHEET NUMBER A-3	REV 2
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AC POWER PANEL No. 1 (EXISTING)													
120/240 VOLTS, 1-PHASE, 3-WIRE, 200A													
MAIN BREAKER RATING (A) :					200		SYSTEM VOLTAGE (V) :					240	
DESCRIPTION	VA	c/nc	BKR	POSN	L1	L2	POSN	BKR	c/nc	VA	DESCRIPTION		
PPC GFI	180	nc	15	1	360		2	20	nc	180	DC POWER PLANT GFCI		
RECTIFIERS #1 & #2	1725	nc	30/2	3		2125	4	15	nc	400	BATTY CAB. HEATER MATS		
	1725	nc		5	2125		6	15	nc	400	BATTY CAB. HEATER MATS		
RECTIFIERS #3 & #4	1725	nc	30/2	7		1905	8	20	nc	180	GFCI		
	1725	nc		9	1965		10	20	nc	240	LIGHTS		
RECTIFIERS #5 & #6	1725	nc	30/2	11		1725	12				BLANK		
	1725	nc		13	1725		14				BLANK		
RECTIFIERS #7 & #8	1725	nc	30/2	15		1725	16				BLANK		
	1725	nc		17	1725		18				BLANK		
RECTIFIERS #9 & #10	1725	nc	30/2	19		1725	20				BLANK		
	1725	nc		21	1725		22				BLANK		
RECTIFIERS #11 & #12	1725	nc	30/2	23		1725	24				BLANK		
	1725	nc		25	1725		26				BLANK		
SPARE (OFF)			30/2	27		0	28				BLANK		
				29	0		30				BLANK		
BLANK				31		0	32				BLANK		
BLANK				33	0		34				BLANK		
BLANK				35		0	36				BLANK		
BLANK				37	0		38				BLANK		
BLANK				39		0	40				BLANK		
BLANK				41	0		42				BLANK		
PHASE TOTALS (VA):					11350	10930							
CURRENT PER PHASE (A):					95	91	Amperes/phase cannot exceed main breaker rating						
PANEL TOTAL (VA):					22280		Legend: c = continuous, nc = non-continuous						

- PANEL CAPACITY (kVA): 48.0 CONNECTED LOAD (kVA): 22.3
- PANEL LOADING (100% non-cont. load) (kVA): 22.3
- PANEL LOADING (125% continuous load) (kVA): 0.0
- PANEL LOADING (TOTAL) (kVA): 22.3
- SPARE CAPACITY (kVA): 25.7
- NOTES:**
1. Enter maximum VA (not KVA) rating in "VA" columns..
2. Enter either a "c" or "nc" in column next to "VA" columns to indicate Continuous or Non-continuous. Leave blank if not concurrent with another, higher, load.
3. Merge two vertically adjacent cells in "Description" and "BKR" columns for dual pole breakers.
4. For two pole breakers divide total VA by 2 and assign equal load to each phase unless specified otherwise by equipment Manufacturer.
5. Manually enter appropriate breaker size in "BKR" columns sized as required for the device.
6. Spreadsheet will indicate Current per Phase, Loading and Spare Capacity entries in RED if the capacity is exceeded.
7. Current per Phase entry has been adjusted to account for 125% of continuous rating where applicable.
8. Replace these notes with notes appropriate to the panel for inclusion on the drawings.
9. Replace Blue entries above with details on specific panel.
10. For panel with other than 44 positions, delete or add lines as required. Be careful to copy formulae as needed.
11. For panels with other main breaker sizes replace "200" with the appropriate main breaker size and use as before.

'NOTES' LISTED ABOVE CONTAIN INSTRUCTIONS TO FILL OUT PANEL SCHEDULE SPREADSHEET. THEY ARE NOT SUBJECT TO PERMIT REVIEW

EXISTING A/C PANEL SCHEDULE

NOT TO SCALE

1

MODIFIED A/C PANEL SCHEDULE

NOT TO SCALE

2



1355 WEST UNIVERSITY DRIVE
MESA, AZ 85201-5419

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2	09-26-2019	FINAL
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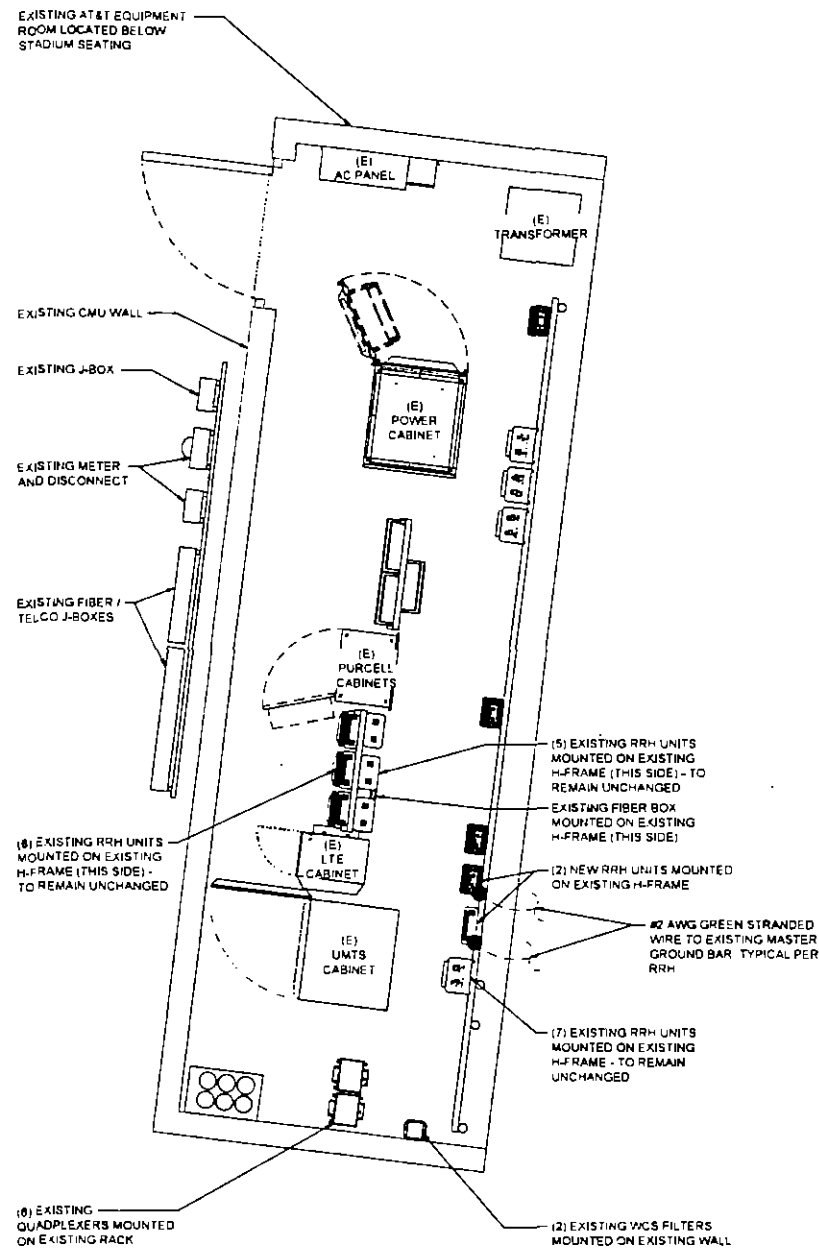
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DRAWN BY:	CHECKED BY:
JRS	MAY

SHEET TITLE:
ELECTRICAL PANEL

SHEET NUMBER	REV.
E-1	2



LEGEND	
	EXOTHERMIC CONNECTION
	MECHANICAL CONNECTION
	ANTENNA GROUND BAR
	MASTER GROUND BAR

NOTE:
-ALL NEW EQUIPMENT MUST BE GROUNDING TO GROUND RING OR HALO PER AT&T SPECIFICATIONS
-CONTRACTOR TO REPLACE ALL MISSING GROUND BARS AND GROUNDING CONNECTIONS AS REQUIRED

EQUIPMENT GROUNDING PLAN

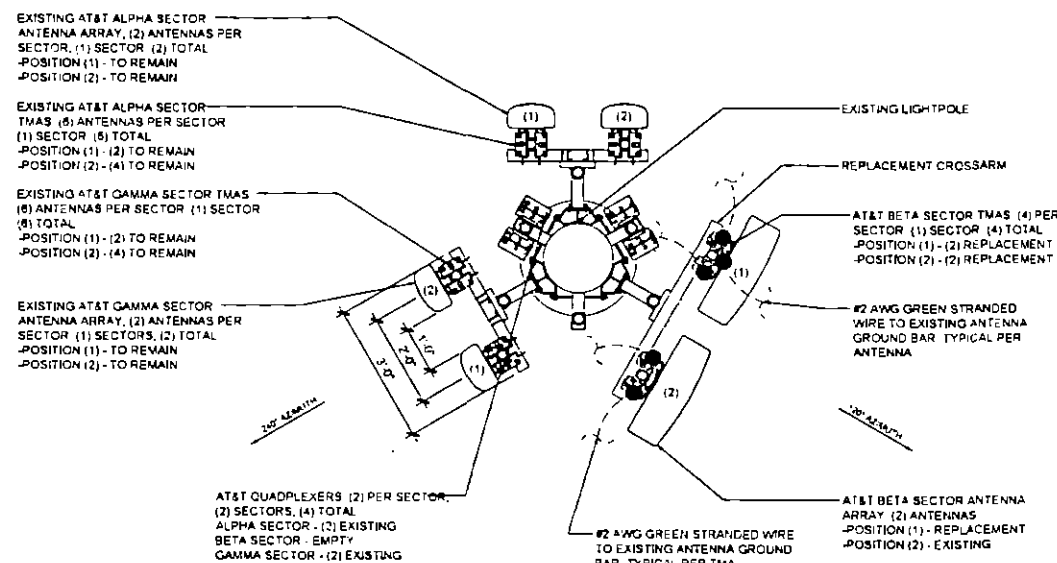
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1

ANTENNA GROUNDING PLAN

LEGEND	
	EXOTHERMIC CONNECTION
	MECHANICAL CONNECTION
	ANTENNA GROUND BAR
	MASTER GROUND BAR



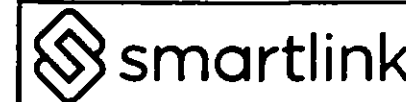
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SHEET TITLE
GROUNDING PLANS

SHEET NUMBER: E-2
REV: 2

NOT TO SCALE

2