DEC16 2021 BOARD OF RECREATION AND PARK COMMISSIONERS

BOARD REPORT

NO. 21-210

DATE December 16, 2021

C.D. <u>4</u>

BOARD OF RECREATION AND PARK COMMISSIONERS

SUBJECT: GRIFFITH PARK – GREEK THEATRE – FIRST AMENDMENT TO SITE LEASE AGREEMENT BETWEEN THE CITY OF LOS ANGELES AND NEW CINGULAR WIRELESS PCS, LLC; CATEGORICAL EXEMPTION FROM THE PROVISIONS OF THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) PURSUANT TO ARTICLE III, SECTION 1, CLASS 3(4) [INSTALLATION OF NEW EQUIPMENT INVOLVING NEGLIGIBLE OR NO EXPANSION OF USE IF REQUIRED FOR SAFETY AND THE PUBLIC CONVENIENCE] OF CITY CEQA GUIDELINES AND ARTICLE 19, SECTION 15303 OF CALIFORNIA CEQA GUIDELINES

AP Diaz		M. Rudnick		
H. Fujita		C. Santo Domingo	DF	
J. Kim		N. Williams		
				m. alu
				General Manager
Approved	Х	Dis	sapproved	Withdrawn

RECOMMENDATIONS

- 1. Approve the First Amendment (Amendment) to the Site Lease Agreement between the City of Los Angeles and New Cingular Wireless PCS, LLC, as shown in (Attachment 1), and authorize the General Manager or his designee to execute such Amendment;
- 2. Authorize RAP staff to issue a Right-of-Entry (ROE) Permit to New Cingular Wireless PCS, LLC's contractor in order to complete the improvements related the Amendment;
- 3. Determine that this project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Article III, Section 1, Class 3(4) [Installation of new equipment involving negligible or no expansion of use if required for safety and the public convenience] of City CEQA Guidelines and Article 19, Section 15303 of California CEQA Guidelines and direct staff to file a Notice of Exemption (NOE);
- 4. Authorize RAP's Chief Accounting Employee to prepare a check to the Los Angeles County Clerk in the amount of \$75.00 for the purpose of filing a NOE; and,
- 5. Authorize RAP staff to make technical corrections as necessary to carry out the intent of this Report.

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<u>SUMMARY</u>

Griffith Park is located at 4730 Crystal Springs Drive in the Hollywood community of the City. This 4,281.73-acre park provides a wide variety of recreational programs and activities, such as train rides, a merry-go-round, hiking trails, and golf courses, for the local community. Approximately 18,155 City residents live within a one-half mile walking distance of Griffith Park.

The historic Greek Theatre (Greek) is located at 2700 North Vermont Avenue in Griffith Park. The 5,901-capacity outdoor venue is among the City's most cherished public sites, and is known the world over as one of the most iconic and recognized outdoor entertainment venues.

On June 15, 2011, the Board of Recreation and Park Commissioners (Board) approved Report No. 11-185 which authorized staff to enter into a Master Lease Agreement (MLA) with cellular telecommunication providers for the purpose of facilitating the review of individual Site Lease Agreements (SLA), each of which is to be reviewed for approval by the Board. New Cingular Wireless PCS, LLC (AT&T) subsequently entered into MLA No. 288, executed on November 10, 2012 with RAP.

The Board approved the SLA for the installation of cellular equipment to be located at the Greek Theatre within Griffith Park in order to replace a temporary installation which had been installed in response to the 2007 fire in Griffith Park. As evidenced by that 2007 fire a lack of cellular facilities can disrupt rescue and fire-fighting efforts thus becoming a public safety issue (Reports No. 13-306 and 15-005).

California Gov. Code Section 65850.75, which became effective in November 2020, enables the rapid deployment of emergency standby generators at previously permitted macro cell tower sites. California Gov. Code Section 65850.75 was passed in response to Governor Newsom's 2019 proclamation of emergency in response to the wildfire threat, which waived permitting barriers to critical forest management projects. This act also creates exemptions for public safety actions. Enabling the rapid deployment of emergency standby generators is vital for public safety to help ensure consumers maintain access to 911 services, wireless emergency alerts, and other public safety communications.

AT&T submitted to RAP a request to install an emergency standby generator in response to California Gov. Code Section 65850.75. The installation of the emergency standby generator requires that the boundaries of the Site Lease Agreement be modified to incorporate the location of the future generator.

RAP staff and AT&T have worked together to identify an appropriate location for the proposed emergency standby generator in conjunction with the previously approved Griffith Park - Seismic Retrofit and Renovation of Greek Theatre North and South Terraces (PRJ21381) (PRJ21384) Project, which included the replacement of RAP's own emergency generator for the Greek Theatre (Report Nos. 20-091 and 20-232). AT&T's proposed generator will be located next to

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RAP's newly replaced emergency generator. AT&T will also be responsible for the installation of permanent fencing around the generators.

Upon approval of this Report, the First Amendment to the Site Lease Agreement can be executed and RAP staff can issue the necessary ROE permit so the proposed improvements can be completed by AT&T.

TREES AND SHADE

This proposed Project will have no impact on the existing trees and shade at Griffith Park.

ENVIRONMENTAL IMPACT

The proposed Project consists of installation of new equipment involving negligible or no expansion of use if required for safety and the public convenience.

This site is not within a coastal or methane zone, so there is no reasonable possibility that the project may impact on an environmental resource of hazardous or critical concern or have a significant effect due to unusual circumstances. No other known projects would involve cumulatively significant impacts, and no future projects would result from the proposed project. As of November 1, 2021, the State Department of Toxic Substances Control (DTSC) (Envirostor at www.envirostor.dtsc.ca.gov) has not listed the Project site or any contaminated sites near the Project area (within 500 feet). According to the Caltrans Scenic Highway Map there is no scenic highway located within the vicinity of the project or within the project site. The project is located within Griffith Park, a City of Los Angeles Historic Cultural Monument (HCM#942), at one of the contributing elements to the historical determination. However, the size and nature of the project is such that it will not cause a substantial adverse change in the significance of a historical resource.

As such, staff recommends that the Board determine that it is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Article III, Section 1, Class 3(4) of City CEQA Guidelines and Article 19, Section 15303 of California CEQA Guidelines. Staff will file a NOE with the Los Angeles County Clerk upon Board's approval.

FISCAL IMPACT

The approval of this Report and subsequent execution of the Amendment will not have a fiscal impact on RAP's General Fund.

STRATEGIC PLAN INITIATIVES AND GOALS

Approval of this Board Report advances RAP's Strategic Plan by supporting:

Goal No. 1: Provide Safe and Accessible Parks

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Outcome No. 2: All parks are safe and welcoming

Result: Permitting AT&T to install an emergency standby generator for the existing cell tower could provide critical communication services in an emergency situation.

This report was prepared by Meghan Luera, Management Analyst, Planning, Maintenance and Construction Branch.

LIST OF ATTACHMENTS

- 1) Attachment 1 First Amendment to Site Lease Agreement between the City and AT&T
- 2) Attachment 2 Site Lease Agreement between the City and AT&T

FIRST AMENDMENT TO SITE LEASE AGREEMENT BETWEEN THE CITY OF LOS ANGELES AND NEW CINGULAR WIRELESS PCS, LLC

THIS FIRST AMENDMENT (The "FIRST AMENDMENT") to the Site Lease Agreement dated June 18th, 2015, is entered into by and between The City of Los Angeles, a municipal corporation, acting by and through its Board of Recreation and Park Commissioners (hereinafter "Landlord"), and <u>New Cingular Wireless PCS, LLC, a Delaware limited liability company</u> (hereinafter "Tenant").

WITNESSETH

WHEREAS, Landlord and Tenant entered into a Site Lease Agreement dated June 18, 2015 (the "SLA") (Landlord's location reference: Greek Theater at Griffiths Park; Tenant's location reference: <u>Site Number LAC905A</u>), which remains in full force and effect; and

WHEREAS, Landlord and Tenant entered into a Master Lease Agreement dated November 10, 2012 ("Master Agreement"), which remains in full force and effect; and

WHEREAS, the SLA was entered into pursuant to and in accordance with the Master Agreement; and

WHEREAS, the terms and conditions of the Master Agreement are incorporated into the SLA; and

WHEREAS, the Master Agreement provides for amendments; and

WHEREAS, the FIRST AMENDMENT is necessary and proper so that a new emergency standby generator to serve the existing cell tower that complies in all respects with California Gov. Code Section 65850.75, can be installed by Tenant; and

WHEREAS, it is necessary to adjust the Premises leased to Tenant in order to accommodate a new emergency standby generator that complies in all respects with Gov. Code § 65850.75.

NOW, THEREFORE, Landlord and Tenant agree that the SLA be amended effective ______, 2021 as follows:

AMENDMENT

- 1. Except as herein amended, all other terms and conditions of the SLA and Master Agreement shall remain in full force and effect.
- 2. Tenant shall install, within a reasonable time, a new emergency generator in accordance with the Plans and Specifications set forth in ATTACHMENT 2 PLANS AND SPECIFICATIONS (AMENDED) attached hereto. Tenant shall comply with all design, installation, technical, electrical, engineering, and other plans and specifications for the new emergency generator set forth in ATTACHMENT 5. Tenant shall comply with all requirements of California Gov. Code § 65850.75 with respect to the installation of a new emergency generator. Tenant shall obtain all required permits and approvals from the City of Los Angeles for a new emergency generator before commencing installation. ATTACHMENT 5 attached hereto is incorporated into the SLA.
- ATTACHMENT 2 PLANS AND SPECIFICATIONS of the SLA is replaced in its entirety by ATTACHMENT 2 PLANS AND SPECIFICATIONS (AMENDED) attached hereto and incorporated into the SLA.

- 4. Notwithstanding any contrary provision of the Master Agreement or the SLA, TENANT shall maintain the insurance coverage set forth in ATTACHMENT 6 in full force during the term of the SLA. This Section 4 of the FIRST AMENDMENT is not intended to alter the insurance requirements of any other Site Lease Agreement entered into between Landlord and Tenant pursuant to the Master Agreement except the SLA. ATTACHMENT 6 attached hereto is incorporated into the SLA.
- 5. Section 10 of the SLA is amended to change the annual payment for electricity utility use to \$1,900 and to read as follows:

Site Utilities: Tenant shall pay for the electricity it consumes in its operation at the rate charged by the servicing utility company. If a separate electrical meter cannot be installed at a particular Site, Tenant shall pay Landlord the sum of One Thousand Nine Hundred Dollars (\$1,900) annually in advance, based on estimated annual consumption, beginning on June 18, 2021. There shall be an annual increase commensurate to the percentage increase applied to the rental charge. The site utility payments are in addition to the rental charge, and shall be made payable in the same as the rental charge.

- 6. In the event of a conflict between the FIRST AMENDMENT and the SLA or Master Agreement, the FIRST AMENDMENT controls.
- This FIRST AMENDMENT is executed in three (3) duplicated originals, each of which is deemed to be an original. This FIRST AMENDMENT consists of four (4) pages (excluding attachments).

[Signature Page follows]

IN WITNESS WHEREOF, the Parties have executed this FIRST AMENDMENT as of the date indicated.

Executed this	_day _, 2021	THE CITY OF LOS ANGELES, a municipal corporation, acting by and through its Board of Recreation and Park Commissioners By PRESIDENT By SECRETARY
Executed this	_day _, 2021	New Cingular Wireless PCS, LLC, a Delaware limited liability company By AT&T Mobility Corporation Its: Manager By
Approved as to Form:		
Date:		
MIKE FEUER, City Attorney		
By DEPUTY CITY ATTORNEY		

Attachments Attachment 2: Plans and Specifications (Amended) Attachment 5: New Emergency Generator Plans Attachment 6: Insurance coverage

PLANS AND SPECIFICATIONS (AMENDED)

(including description of the antenna location, and location of ground equipment adjacent to the Premises)

To the First Amendment of the existing Site Lease Agreement dated ______ 20____, by and between the City of Los Angeles, a municipal corporation, acting by and through its Board of Recreation and Park Commissioners, as Landlord, and New Cingular Wireless PCS, LLC, as Tenant.

Proposed Equipment is defined below and Plans and specifications are attached hereto. Number of Antennas: 12 Antenna Manufacturer and Type-Number: (3) Kathrein 800-10965K; (3) CCI HPA-65R-BUU-H6-K; (6) Andrew-Commscope JAHH-65B-R3B-V3 Weight and Dimension of Antenna(s) (LxWxD): __Kathrein - 78.7"x20"6.9, 108 lbs; CCI -72"x14.8"x9", 51 lbs; Andrew-Commscope – 72"x13.8"x8.2", 63 lbs ___15_____ Number of Transmission Lines: Transmission Line Mrf. and Type No.: __TBD_____ Diameter and Length of Transmission Line: 7/8" coax and optical fiber Location of Antenna(s) on Tower (RAD Center): Sectors A & C – 67', Sector B – 37' Direction of Radiation (Azimuth): A - 75m B – 140, C – 355 Dimensions of Ground Space: ____27' x 25' + 4' x 10' generator pad_____ Frequencies/Max. Power Output: Transmit: 740-746, 869-880, 890-891.5, 1945-1965; Receive: 710-716, 824-835, 845-846.5, 1865-1885_____

NEW EMERGENCY GENERATOR PLANS

See attached generator site plans.

Pla ATST MOBILITY A					Angeles City Planning oning Administrator A-13-1957-CUW Case No. <i>Intonio Asaia</i> Signature Pr. 27, 21	CATRE / FA 116 ONT AVE. S, CA 90027 UPGRADE
	PROJEC	T DESCRIPTIO	N		Date DRIVING DIRECTIONS	APPLICABLE BLDG. (
 REMOVE EXISTING CAMLOCK INSTALL NEW DIESEL GENERATOR WITH SUBBASE FUEL TANK ON NEW CONCRETE PAD. INTEGRATE EXISTING SERVICE WITH NEW GENERATOR. EXISTING MANUEL TRANSFER SWITCH TO BE REPLACED WITH NEW AUTOMATIC TRANSFER SWITCH. INSTALL NEW AT&T LOCKABLE EMERGENCY STOP BUTTON. 					FROM AT&T CERRITOS OFFICE: 12900 PARK PLAZA DRIVE, CERRITOS, CA 90703 START OUT GOING EAST ON PARK PLAZA DR. TOWARD SHOEMAKER AVE.; TURN LEFT ONTO SHOEMAKER AVE.; TURN LEFT ONTO ARTESIA BLVD; MERGE ONTO CA-91W; MERGE ONTO I-605N TOWARD ALONDRA BLVD; MERGE ONTO I-5N TOWARD LOS ANGELES; TAKE THE LOS FELIZ BLVD EXIT, EXIT 141A; TURN LEFT ONTO LOS FELIZ BLVD; TURN RIGHT ONTO HILLHURST AVE; TURN SLIGHT RIGHT ONTO N VERMONT AVE; ARRIVE AT 2700 N VERMONT AVE.	SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL AP ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICT THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT GOVERN THE DESIGN. BUILDING CODE: [INTERNATIONAL BUILDING CODE (IBC), 2019 AS ADOP ELECTRICAL CODE: NATIONAL ELECTRICAL (NEC), 2014 AS ADOPTED BY TH INATIONAL FIRE PROTECTION ASSOCIATION (NEPA) 70 -
	PROJEC		N		VICINITY MAP	THE LOCAL JURISDICTION] LIGHTNING PROTECTION CODE:
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ENGINEERING FIRM: ADDRESS: CONTACT: SEAL#:	CAA SOLUTIONS 3400 STRATFORD RD, ATLANTA, GA 30326 ALEXANDER ABERNATHY C90242	Construction Manager: Address: Phone:	VIRGIL CHEWNING GENERAL DYNAMICS WIRELESS 6664 S. DATELAND, SUITE B TEMPE, AZ 85283 T. 480.296.7465 M. 480.798.3512 VIRGIL:CHEWNING@GDIT.COM	SERVICES	Control of the second s	SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTIN & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN W PROCEEDING WITH THE WORK OR BE RESPONSIBLE THE DRAWING SCALE SHOWN IN THI SCALE ONLY WHEN THESE DRAWING



GENERAL NOTES:

- 1. FORS THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY: - GENERAL DYNAMICS CONTRACTOR
 - GENERAL CONTRACTOR (CONSTRUCTION) SUBCONTRACTOR
 - AT&T MOBILITY OWNER
 - ORIGINAL EQUIPMENT MANUFACTURE OEM
- PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFORM THAT THE WORK CAN 2. BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL 3. APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES. ORDINANCES AND APPLICABLE REGULATIONS.
- 4. DELETED
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED 5. ON THE DRAWINGS
- 6. DELETED
- THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH 7. MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSED AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE 8. CONTRACTOR
- 9. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER. GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR, ROUTING OF TRENCHING SHALL BE APPROVED BY CONTRACTOR.
- THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES, ANY DAMAGED PART SHALL BE REPAIRED AT 10. SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER
- SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS 11. COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- 12. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
- ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE 13. INSTITUTE (ACI) 301.
- ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS UNLESS OTHERWISE SPECIFIED, ALL CONCRETING WORK SHALL BE DONE IN ACCORDANCE WITH ACI3 18 CODE REQUIREMENTS
- 15. ALL STRUCTURE STEEL WORK SHALL BE DONE IN ACCORDANCE WITH AISC SPECIFICATIONS.
- 16. CONSTRUCTION SHALL COMPLY WITH SPECIFICATION 25741-000-3APS-A00Z-00002, "GENERAL CONSTRUCTION SERVICES
- SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK MAY NEED TO BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.
- SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.

ELECTRICAL INSTALLATION NOTES:

- WIRING, RACEWAY, AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC AND TELCORDIA. 1.
- SUBCONTRACTOR SHALL MODIFY EXISTING CABLE TRAY SYSTEM AS REQUIRED TO SUPPORT RF 2. AND TRANSPORT CABLING TO THE NEW BTS EQUIPMENT. SUBCONTRACTOR SHALL SUBMIT MODIFICATIONS TO CONTRACTOR FOR APPROVAL.
- ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARARTION AS REQUIRED BY THE NE AND TELCORDIA.
- CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.
- EACH END OF EVERY POWER, GROUNDING, AND T1 CONDUCTORS AND CABLE SHALL BE 5. LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA AND MATCH EXISTING INSTALLATION REQUIREMENTS.

ELECTRICAL INSTALLATION NOTES:

- POWER PHASE CONDUCTORS (I.E., HOTS) SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, 6. OR EQUAL). PHASE CONDUCTOR COLOR CODES SHALL CONFORM WITH THE NEC & OSHA AND MATCH EXISTING INSTALLATION REQUIREMENTS.
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID 7. NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).
- PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
- ALL TIE WRAPS WHERE PERMITTED SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES. USE LOW PROFILES TIE WRAPS.
- 10 POWER CONTROL AND FOUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (12 AWG OR LARGER). 600V, OIL RESISTANT THIN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90° C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (6 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE RATED FOR 90 C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED. UNLESS OTHERWISE SPECIFIED.
- 12. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED OUTDOORS, OR BELOW GRADE, SHALL BE SINGLE CONDUCTOR 2 AWG SOLID TINNED COPPER CABLE, UNLESS OTHERWISE SPECIFIED.
- 13. POWER WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (12 AWG OR LARGER), 600V OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90° C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
- 14. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75° C (90° C IF AVAILABLE).
- 15. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH MENA, UL, ANSI/IEEE, AND NEC.
- 16. NEW RACEWAY OR CABLE TRAY WILL MATCH THE EXISTING INSTALLATION WHERE POSSIBLE.
- 17. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
- 18. ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS
- 19. GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
- RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE 20. TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
- 21. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- 22. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
- CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN 23. ACCORDANCE WITH NEMA, ANSI/IEEE, AND NEC.
- 24. CABINETS, BOXES, AND WIREWAYS TO MATCH THE EXISTING INSTALLATION WHERE POSSIBLE.
- 25. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- 26. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- 27. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- 28. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE 29. CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
- 30. THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.

GROUNDING NOTES:

- 1. THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM AND LIGHTNING PROTECTION SYSTEM (AS DESIGNED AND INSTALLED) FOR STRICT COMPLIANCE WITH THE NEC (AS ADOPTED BY THE AHJ). THE SITE-SPECIFIC (UL, LPI, OR NFPA) LIGHTNING PROTECTION CODE, AND GENERAL COMPLIANCE WITH TELCORDIA AND TIA GROUNDING STANDARDS. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE FINDINGS TO THE CONTRACTOR FOR RESOLUTION.
- ALL GROUNDING ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING 2. PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
- THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH 3. TESTING (PER IEEE 1100 AND 81) FOR NEW GROUNDING ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUNDING ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS. TESTS SHALL BE PERFORMED IN ACCORDANCE WITH 25471-000-3PS-EG00-0001, DESIGN & TESTING OF FACILITY GROUNDING FOR CELL SITES
- METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR, STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE 4. WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS FOUIPMENT.
- EACH BTS CABINET SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR 5. LARGER FOR INDOOR BTS; 2 AWG STRANDED COPPER FOR OUTDOOR BTS.
- EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
- APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS. 7.
- ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED WITH STAINLESS STEEL HARDWARE TO THE BRIDGE AND THE TOWER GROUND BAR.
- ALUMINUM CONDUCTOS OR COPPER CLAD STEEL CONDUCTORS SHALL NOT BE USE FOR 9 GROUNDING CONNECTIONS
- 10. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING. IN ACCORDANCE WITH THE NEC.
- METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH 6 AWG COPPER 11. WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
- 12. GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METAL CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIIONS, NON-METALLIC MATERIAL SUCH AS PVC PLASTIC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G., NON-METALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
- 13. ALL TOWER GROUNDING SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF ANSI/TIA 222. FOR TOWERS BEING BUILT TO REV G OR THE STANDARD, THE WIRE SIZE OF THE BURIED GROUND RING AND CONNECTIONS BETWEEN THE TOWER AND THE BURIED GROUND RING SHALL BE CHANGED FROM 2 AWG TO 2/O AWG. IN ADDITION, THE MINIMUM LENGTH OF THE GROUND RODS SHALL BE INCREASED FROM 8 FEET TO 10 FEET.
- 14. ALL RISER EXPOSED CONDUIT TO BE SCHEDULE 80.
- 15. NEW FENCE POST REQUIRE #2 TINNED DOWNLEAD TO GROUND LEAD.



SCOPE OF WORK NOTES:

- GENERAL: CONTRACTOR TO VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION
- CONTRACTOR SHALL RESTORE AND REPAIR ANY DAMAGED AREAS CAUSED BY CONSTRUCTION TO ORIGINAL OR BETTER CONDITION.

CONDUITS:

- INSTALL PULL STRING IN EACH CONDUIT (1) NEW 2" AND (1) NEW 1" ELECTRICAL CONDUITS WITH CONDUCTORS TO RUN FROM NEW GENERATORS TO NEW ATS. CONDUIT PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2, & E-3
- (2) NEW 1" ELECTRICAL CONDUIT WITH CONDUCTORS TO RUN FROM NEW GENERATOR TO A/C PANEL. CONDUIT PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 & E-3
- (1) NEW 1" ALARM CONDUIT AND CABLING PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 & E-3.

GROUNDING:

NUMBER NEW EXOTHERMIC CONNECTION FROM EXISTING GROUND RING TO NEW MECHANICAL CONNECTION AT GENERATOR CHASSIS. GENERAL CONTRACTOR TO VERIFY LOCATION IN FIELD. LOCATE GROUND RODS NO MORE THAN 16'-0" APART

I-FRAME:

PROVIDE NEW H-FRAME IF REQUIRED, MATCH EXISTING H-FRAME MATERIAL FOR CONSTRUCTION OF NEW H-FRAME. USE ALL GALVANIZED COMPONENTS, WHITE PLASTIC END CAPS ON UNISTRUTS, WEATHER CAPS ON TOPS OF PIPES AND CONCRETE SUPPORTS BELOW FROST LINE. TOP OF FOOTING SHOULD BE AT LEAST 2" ABOVE EXISTING GROUND LEVEL. SLOPE THE GROUND AWAY FROM THE H-FRAME FOR POSITIVE WATER DRAINAGE OFF THE FORM.





22"x34" SCALE: 1" = 80'-0" 11"x17" SCALE: 1" = 160'-0"



OVERALL SITE PLAN











	DIAGRAM CIRCUIT SCHEDULE GENERATOR ALARM WARNING GENERATOR ALARM WARNING 66 BLOCK GEN RUN GEN RUN GEN RUNNING CEN FAIL								
NO. FRAM. TO WERS GRUND FLANTON FLANTON ATS ALARU WARNING ATS ALARU WARNING 1 NORWAL FORER SUNCE 700 (1) # 2 NORMAL FORER TO PARLAND AND 51 (1) # 2 NORMAL FORER TO PARLAND AND 66 BLOCK # ATS NAMED SAME 66 BLOCK # ATS NAMED SAME 66 BLOCK # ATS NAMED SAME 000000000000000000000000000000000000	GENERATOR ALARM WARNING ATS ALARM WARNING PANEL AND ATS 66 BLOCK GEN RUN GEN RUNNING GEN RUN GEN RUNNING CEN FAIL CET SHUE DOWN		DIAGRAM CIRCUIT SCHEDULE						
1 NORMAL POMER SOURCE PAREL MIT AUTOMIC 33 30 10 14 2* NORMAL POMER TEDER TO PAREL AND ATS TRANSPER SINCE 66 BLOCK GENERATOR 03 30 10 14 2* BLERGENCY POMER FEEDER TO ATS TRANSPER SINCE 00 10 14 2* BLERGENCY POMER FEEDER TO ATS TRANSPER SINCE 00 10 14 2* BLERGENCY POMER FEEDER TO ATS TRANSPER SINCE 00 10 14 2* BLERGENCY POMER FEEDER TO ATS TRANSPER SINCE 00 10 14 2* BLERGENCY POMER FEEDER TO ATS TRANSPER SINCE 00 10 14 2* BLERGENCY POMER FEEDER TO ATS TRANSPER SINCE 00 10 14 2* BLERGENCY POMER FEEDER TO ATS TRANSPER SINCE 00 10 10 10 1*	PANEL AND ATS 66 BLOCK GENERATOR 66 BLOCK & ATS NAMED SAME DER TO ATS GEN RUN GEN RUNNING COMMERICAL POWER FAIL	GENERATOR A	FUNCTION	CONDUIT SIZE	GROUNI	WIRES	то	. FROM	NO.
2 GENERATOR PMEL MITCHASSETS CAMPAGE MET HUTCHANDE DAMASSETS OD 3 /0 (1) /4 /2 /	DER TO ATS	66 BLOCK	NORMAL POWER FEEDER TO PANEL AND AT	2"	(1) #4	(3) 3/0	PANEL WITH AUTOMATIC TRANSFER SWITCH	NORMAL POWER SOURCE	1
3 AUTOMATIC TRANSPER GENERATOR (3) 3/0 (1) #4 2 FUNCTION GENERATOR GENERATOR (3) 4/1 (1) #12 (1) HEATER AND BATERY CHARGER GENERATOR GENERATOR (3) #12 (1) #12 (1) HEATER AND BATERY CHARGER GENERATOR		GEN RUN	EMERGENCY POWER FEEDER TO ATS	2") (1) #4	(3) 3/0	PANEL WITH AUTOMATIC	GENERATOR	2
3 The SWITCH TWO GRADUATION (3) 2/0 (1) 94 2' FUNCTION FUNCTION Control ATS ENABLE Control ATS ENABLE Control Contro Control Control	<u>GEN FAIL</u> <u>GET SHOT DOWN</u> <u>IV35</u> ATTACHA, 64 300-11 404+825+0981	GEN FAIL					TRANSFER SWITCH	AUTOMATIC TRANSFER	_
4 PAREL GENERATOR (i) #12 (i) #12 i* HEATER AND BATTERY CHARGER LOW FREL LOW FREL LOW FREL SIMICAL HAUTGAINTC TRANSFER (i) #12 (i) #12 i* ATS CONTROLLER FUEL LEAK RUPTURED BASIN SIMICAL SIMICAL SIMICAL SIMICAL SIMICAL ATS CONTROLLER SIMICAL NO VOLTAGE ON THESE JUST A CONTACT NO VOLTAGE ON THESE JUST A CONTACT NOTE: CONTRACTOR TO LABEL WIRES WITH P-TOUCH ON SIMILAR LABELS. NOTE: CONTRACTOR TO LABEL WIRES WITH P-TOUCH ON HANDWRITTEN LABELS. SIMICAL S	GEN MAJOR GEN COMMON ALARM ATS ENABLE	GEN MAJOR	FUNCTION	2	(1) #4	(3) 3/0	GENERATOR	SWITCH	
5 PANEL AUTOMATIC TRANSFER (2) #12 (1) #12 1* ATS CONTROLLER Integer particular Integer partitititititititititititititititi	CHARGER LOW FUEL LOW FUEL SITE NUMBER	LOW FUEL	HEATER AND BATTERY CHARGER	2 1"	(1) #12	(4) #12	GENERATOR	PANEL	4
6 ATS GENERATOR (2) #14 N/A 1" NO VOLTAGE ON THESE JUST A CONTACT 6 GENERATOR TELCO BOARD (2) ge N/A 1" NO VOLTAGE ON THESE JUST A CONTACT 8 AUTOMATIC TRANSFER TELCO BOARD (2) ge N/A 1" NO VOLTAGE ON THESE JUST A CONTACT NOTE: ALTOMATIC TRANSFER TELCO BOARD (2) ge N/A 1" NO VOLTAGE ON THESE JUST A CONTACT 8 AUTOMATIC TRANSFER TELCO BOARD (2) ge N/A 1" NO VOLTAGE ON THESE JUST A CONTACT INSIDE OF GENERATOR TELCO BOARD (2) #14 N/A 1" NO VOLTAGE ON THESE JUST A CONTACT Inside of GENERATOR BY CC. ALL ALARMS NEED TO BE TO EXISTING ACTIVE 66 BLOCK. ORCUIT DETAL 5 ALARM WIRING IDENTIFICATION CHART 1 Inside of GENERATOR BY CC. ALL ALARMS Inside of GEN	ER SITE NAME	FUEL LEAK	ATS CONTROLLER	2 1"	(1) #12	(2) #12	AUTOMATIC TRANSFER SWITCH	PANEL	5
6 GENERATOR TELCO BOARD C(2) SE N/A 1* NO VOLTAGE ON THESE JUST A CONTACT 8 AUTOMATIC TRANSFER TELCO BOARD C(2) SE N/A 1* NO VOLTAGE ON THESE JUST A CONTACT NOTE: ALARM WRING IDENTIFICATION CHART I NO VOLTAGE ON THESE JUST A CONTACT Integer and the second contact CIRCUIT DETAIL 3 ALARM WRING IDENTIFICATION CHART 1 Integer and the second contact CIRCUIT DETAIL 3 ALARM WRING IDENTIFICATION CHART 1 Integer and the second contact Integer and the	IST A CONTACT GREEK		NO VOLTAGE ON THESE JUST A CONTACT	1"	N/A	(2) #14	GENERATOR	ATS	6
8 AUTOMATIC TRANSFER TELCO BOARD C22 N/A 1" NO VOLTAGE ON THESE JUST A CONTACT ABSOLUTELY NO HANDWRITTEN LABELS. FA CODE NOTE: ALL ALARMS NEED TO BE TERMINATED INSIDE OF GENERATOR BY GC. ALL ALARMS. NOTE: ALL ALARMS. INSIDE OF GENERATOR BY GC. ALL ALARMS. INSIDE OF GENERATOR BY GC. ALL ALARMS. CIRCUIT DETAIL 3 ALARM WIRING IDENTIFICATION CHART 1 Inside of GENERAL SERVICE Inside Schedule 40 UNLESS NOTED OTE: ALL RISERS & EXPOSED CONDUIT GIRCUIT DETAIL 3 ALARM WIRING IDENTIFICATION CHART I Inside Schedule 40 UNLESS NOTED Inside Schedule 40 UNLESS NOTED Inside CONTENT M 2000 MITER BASE (UTILY CUMPARY METER) SERVICE Inside Schedule 40 UNLESS NOTED Inside Schedule 40 UNLESS NOTED Inside Schedule 40 UNLESS NOTED Inside OF CAL	IST A CONTACT NOTE: CONTRACTOR TO LABEL WIRES WITH	NOT P-T	NO VOLTAGE ON THESE JUST A CONTACT	1"	N/A	(2) CAT 5E	TELCO BOARD	GENERATOR	6
CIRCUIT DETAIL CIRCUIT DETAIL CIRCUI	ABSOLUTELY NO HANDWRITTEN LABELS. FA CODE 11650447	ABS	NO VOLTAGE ON THESE JUST A CONTACT	1"	N/A	(2) CAT 5E	TELCO BOARD	AUTOMATIC TRANSFER SWITCH	8
ALL CONDUCT (3) 2' CONDUT (3) 3/0 & (1) #4 EX. CAM-LOCK 200MP PANEL 200MP PANE	13 ALARM WRING IDENTIFICATION CHART 1 13 ALARM WRING IDENTIFICATION CHART 1 11 Image: the set of the	CROUT DETAIL CROUT DETAIL CR							
EXISTING ONE LINE DIGRAM 2		4 NEW ONE LINE WIRING DIAGRAM						IG ONE LINE DIGRAM	EXISTING





VER REQUIREMENTS, 0 TO 600 VOLTS, NOMINAL, BURIAL IN INCHES OF WIRING METHOD OR CIRCUIT				Δ.	T	R;	Т	
F DIRECT BURIAL RIGID METAL CONDUIT CABLES OR OR INTERMEDIATE CONDUCTORS METAL CONDUIT					мо	BILI	ТΥ	
NOT OW 24 INCHES 6 INCHES			\mathbf{r}		2	; -		٦
LOW K 18 INCHES 6 INCHES R	3060 1	UI MERCEF SU ATLAN	UN UN UTE TA,	IVE 210 GA 3) RSIT [*] 30341	Y DF	<u>C</u> 2.,	:
TS 24 INCHES 24 INCHES		404	• 82́5	•098	1			
INED AS THE SHORTEST DISTANCE IN RED BETWEEN A POINT ON THE TOP NY DIRECT-BURIED CONDUCTOR, CABLE, DTHER RACEWAY AND THE TOP SURFACE GRADE, CONCRETE, OR SIMILAR COVER. NG TAPE 4" BELOW GRADE FOR THE 1 OF TRENCH. EAST 2" OF SAND BED ABOVE CONDUIT ND BED BELOW THE CONDUIT.		site LA sit GH THI FA 116	NU C9 EN EA CC 55(mb 002 AM EI AT)44	ER 5A E K RF 247			
EW COVER. INSTALL IN LUBRICANT SRADE E 42" LONG. PVC LE ADAPTER & CAP #MT-C6492 	the state	AT AT	ON RY 90	ALC ALC ALC ALC	North Mark	Sar Ann	シーナン	
LOT. EXTEND 2" ABOVE ING (8" TYPICAL)	2			FENCE				
2 GRADE	APROVED BY:	DESCRIPTION	ssued for review	R, ADD FENCE, WALL & NEW	ED FOR CONSTRUCTION			
#2 AWG BARE TINNED COPPER	16.504			MOVED GENERATO	INSSI			
OR LARGER GROUND RING PER NFPA 70, ARTICLE 250-66		• •	/20	/21	//21	╡		
IND KING SHALL BE INSTALLED AT REATEST DEPTH POSSIBLE AND OW PERMANENT MOISTURE LEVEL	FA F		05/27	03/04	03/23			
) GROUND ROD SHALL (CFFD 45'		SHE	▼ ET 1		e JE			
D ROD HARGER 588 OR EQUAL X 8'0" LONG, MIN. CONTRACTOR	GRO	DUND	INC	G D	ET/	AIL	S	
VERIFY WITH OWNER SPECIFICATIONS INIMUM SIZE OF GROUND ROD TO BE .ED		SHEE	T N	UME 2	BER			
3				5				



INDUSTRIAL DIESEL GENERATOR SET EPA Certified Stationary Emergency

Standby Power Rating 30 kW, 38 kVA, 60 Hz

Prime Power Rating* 27 kW, 34 kVA, 60 Hz



Codes and Standards

*EPA Certified Prime ratings are not available in the US or its Territories



Powering Ahead

For over 50 years, Generac has provided innovative design and superior manufacturing.

GENERAC INDUSTRIAL

Generac ensures superior guality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial applications under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

SD030 | 2.2L | 30 kW

INDUSTRIAL DIESEL GENERATOR SET EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*



OPEN S	ET (Include	es Exhaust Flex)
Run Time - Hours	Usable Capacity - Gal (L)	LxW
No Tank	-	76.0 (1,930) x 37
19	54 (204)	76.0 (1,930) x 37
47	132 (501)	76.0 (1,930) x 37



WEATHER PROTECTED ENCLOSURE Usable Run Time Canacity

- Hours	- Gal (L)	EAT // //
No Tank	-	94.8 (2,409) x 38
19	54 (204)	94.8 (2,409) x 38
47	132 (501)	94.8 (2,409) x 38
75	211 (799)	94.8 (2,409) x 38
107	300 (1,136)	94.8 (2,409) x 38



LEVEL 1 ACOUSTIC ENCLOSURE Usable **Bun Time**

- Hours	- Gal (L)	LxWx
No Tank	-	112.5 (2,857) x 38
19	54 (204)	112.5 (2,857) x 38
47	132 (501)	112.5 (2,857) x 38
75	211 (799)	112.5 (2,857) x 38
107	300 (1,136)	112.5 (2,857) x 38



LEVEL 2 ACOUSTIC ENCLOSURE

Run Time - Hours	Capacity - Gal (L)	LxWx
No Tank	-	94.8 (2,407) x 38.
19	54 (204)	94.8 (2,407) x 38.
47	132 (501)	94.8 (2,407) x 38.
75	211 (799)	94.8 (2,407) x 38.
107	300 (1,136)	94.8 (2,407) x 38.

* All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings

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Automatic Transfer Switch

200 Amps Telecom Transfer Switch - TAS200

Model G0063103-120/240V, Two Pole, Single Phase Model G0063113-120/240V, Two Pole, Single Phase with Camlock Component Model G0063123-120/208V, Three Pole, Three Phase Model G0063133-120/208V, Three Pole, Three Phase with Camlock Component



FEATURES

CODES AND STANDARDS



STANDARD FEATURES

- Flexibility for Multiple Application Installations
- Multiple Generator Support with Three Source Panel
- LCD Display with Mimic Diagram
- Camlock Functionality for Mobile Generator Sources
- Steel Construction
- NEMA 3R Enclosure with Hinged "Padlocking" Doors
- Stainless Steel Hardware
- Camlock "Quick Connect" Capability
- Optional Status View via Controller Three-position Test Mode: Fast Test, Auto and Normal Test
- UL1008 Listed
- USB Port for Easy Updates and Data Collection
- Programmable Relay Option

CONFIGURABLE OPTIONS

- Extended Warranty
- Three Phase Voltage Configurations

CONTROLLER INTERFACE

Display • 2.9 Inch Graphical LCD

Indicators

- Standby Operating Indicator
- Utility Available Indicator
- Generator/Utility Switch Position Indicator
- Auto/Manual Status
- Normal Test and Fast Test Functions
- Return to Normal Button on HMI
- Reset Button on HMI Exercising Indicator Alarm

Exercise Settings

- Time of Day
- Day of Week
- Exercise Options
- With or without Load
- Daily, Weekly, Bi-monthly or Monthly - Duration: 0 - 10 Hours

Diagnostic

- Digital I/O Bits Status (via Modbus Only)
- Voltage A/D Readings

Mimic Diagram

- Transfer Switch Position
- Utility Available
- Standby Available
- Generator Source TS Position

USB Port

- · Easy Firmware Updates
- Download Historical Data

Automatic Transfer Switch

200 Amps Telecom Transfer Switch - TAS200

SETTINGS

SYSTEM SETTINGS

	120/240 VAC Single Phase (Standard)
System Voltage/Phases	120/208 VAC Three Phase (Optional)
	120/240 VAC Three Phase (Optional)
Utility Fail Monitor	•
Drop Out	Over Voltage 105 - 120%
Drop Out	Under Voltage 50 - 97%
Dickup	Over Voltage Drop Out Setting -2%
Гіскир	Under Voltage Drop Out Setting +2%
Under Frequency	54 - 58 Hz
Over Frequency	61 - 66 Hz
Utility Interrupt Delay	0 - 120 Seconds
Return to Utility Timer	0 - 30 Minutes
Transfer	Inphase or Time Delay Neutral:
Transier	0.0 - 120.0 Seconds in 1 Second Increments
Generator Load Accept	
Voltage	85 - 95% of Nominal
Frequency	51 - 57 Hz

0 - 30 Minutes

0 - 30 Minutes

CABINET SPECIFICATIONS

Dimensions (W x D x H)	24 in (609.6 m
Weight	210 lbs (95 kg
Construction	Single Chambe System with P
Material	Steel
Rating	ETL Type/NEM
Finish	Powder Coat f
Listing	ETL-US - Auto
Hardware	Stainless Steel
Mounting Options	Wall or H-Fram
Installed	Pre-wired Alar

CAMLOCK COMPONENT

Shipped Loose for Multip	le Installation
Dimensions (W x D x H)	9 in (228.6 m
Rating	200A
Generator Connections	
Single Phase	Black L1, Red
Three Phase	Black L1, Red
Uses 4 CH E1016 Ma	le Connectors
Mating Connector - Cl	H E1016 Fema

ELECTRICAL SPECIFICATIONS

Engine Minimum Run Timer 5 - 30 Minutes

ENGINE SETTINGS

Engine Warm-up Time

Engine Cooldown Timer

Voltage/Phase/Amps	120/240 Single Phase, 200A		
	120/208 Three Phase, 200A		
	120/240 Three Phase, 200A		
Utility Breaker	Eaton 200A		
Generator Breaker	Eaton 200A		
Maximum RMS Symmetrical Fault Current - Amps	25k AIC Rated		
Protective Device Continuous Rating (Max) Amp	200		
Input to Generator	350 MCM - #6 AWG		
Output to Site	350 MCM - #6 AWG		
Generator Annunciator Connector	Deutsch DTM04-12PA-L012		
Alarm Terminal Board	Generator Run Alarm		
	Generator Fail - Shutdown Alarm		
	Generator Fail - Non-shutdown Alarm		
	Low Fuel Alarm		
	Generator Theft Alarm		
	AC Utility Fail Alarm		

* All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Please contact a Generac Power Systems Industrial Dealer for detailed installation drawings.

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GENERAC INDUSTRIAL







INSURANCE COVERAGE

See attached insurance forms.

Required Insurance and Minimum Limits

Name: <u>AT&T</u>	Date:	4/13/21
Agreement/Reference: Site Lease Agreement at Greek Theatre - Installation of diesel emergecy	generator	
Evidence of coverages checked below, with the specified minimum limits, must be su occupancy/start of operations. Amounts shown are Combined Single Limits ("CSLs"). limits may be substituted for a CSL if the total per occurrence equals or exceeds the CSL a	ubmitted an For Autom mount.	d approved prior t nobile Liability, spl Limits
✓ Workers' Compensation (WC) and Employer's Liability (EL)		
		WC <u>Statutory</u>
Waiver of Subrogation in favor of City Longshore & Harbor W Jones Act	orkers	EL1,000,00
General Liability City of Los Angeles must be named as additionally insured		1,000,00
 Products/Completed Operations Fire Legal Liability 1,000,000 \$5,000,000 Umbrella Liability Coverage 		
▲ Automobile Liability (for any and all vehicles used for this contract, other than commuting to/from	work)	1,000,00
✓ Professional Liability (Errors and Omissions)		1,000,00
Discovery Period <u>1 year After Completion of Work or Date of Termination</u>		
✓ Property Insurance (to cover replacement cost of building - as determined by insurance company)		
 All Risk Coverage Flood Earthquake Boiler and Machinery Builder's Risk 		
Surety Bonds - Performance and Payment (Labor and Materials) Bonds		
Crime Insurance		
Other: Provided to: Meghan Luera ((213) 202-2669 If a contractor has no employees and decides to not cover herself/himself for worker complete the form entitled "Request for Waiver of Workers' Compensation Insurance http://cao.lacity.org/risk/InsuranceForms.htm In the absence of imposed auto liability requirements, all contractors using vehicles	ers' compen ce Requiren during the	sation, please nent" located at: course of their
contract must adhere to the financial responsibility laws of the State of California.		

BOARD OF RECREATION AND PARK COMMISSIONERS

SYLVIA PATSAOURAS PRESIDENT

> IRIS ZUÑIGA VICE PRESIDENT

LYNN ALVAREZ MELBA CULPEPPER MISTY M. SANFORD

ARMANDO X. BENCOMO COMMISSION EXECUTIVE ASSISTANT II



CALIFORNIA



ERIC GARCETTI MAYOR

June 23, 2015

ATTACHMENT 2 DEPARTMENT OF RECREATION AND PARKS

> COMMISSION OFFICE POST OFFICE BOX 86328 LOS ANGELES, CA 90086-0328

> Telephone: (213) 202-2640 Facsimile: (213) 202-2610 RAP.Commissioners@LACity.org

> > MICHAEL A. SHULL GENERAL MANAGER

New Cingular Wireless PCS, LLC c/o Trillium 5912 Bolsa Avenue, Suite 202 Huntington Beach, CA 92649

Attention: Scott Longhurst, President

Gentlepersons:

Enclosed is Lease No. 288a, executed on June 18, 2015, between the City of Los Angeles, by and through its Board of Recreation and Park Commissioners, and New Cingular Wireless PCS, LLC dba AT&T for the installation, maintenance and operation of cellular equipment at the Greek Theatre.

Very truly yours,

BOARD OF RECREATION AND PARK COMMISSIONERS

ARMANDO X. BENCOMO Commission Executive Assistant II

Enclosure

cc: City Controller (w/enclosure) City Attorney (w/enclosure) Melinda Gejer, Planning, Construction, and Maintenance Branch (w/enclosure) Departmental Chief Accountant (w/ enclosure)

SITE LEASE AGREEMENT

This SITE LEASE AGREEMENT ("SLA") is entered into this 18^{+h} day of $\overline{J_{\mu}}_{n-2}$, 2015, by and between The City of Los Angeles, a municipal corporation, acting by and through its Board of Recreation and Park Commissioners ("Landlord"), and AT&T ("Tenant"). Landlord and Tenant may hereinafter be collectively referred to as the "Parties" or individually as the "Party".

WHEREAS, there is an existing Master Lease Agreement between Landlord and Tenant dated November 10, 2012 ("Master Agreement"), which remains in full force and effect; and which anticipates the execution of this SLA by the Parties hereto; and

WHEREAS, the Parties desire to enter into this SLA pursuant to and in accordance with the Master Agreement.

NOW THEREFORE, in consideration of the mutual covenants contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto, intending to be legally bound, mutually agree as follows:

- 1. All of the terms and conditions of the Master Agreement shall apply to and are deemed incorporated in this SLA provided, that in the event of conflict between this SLA and the Master Agreement, this SLA shall control. Unless otherwise defined herein, all capitalized terms used herein shall have the meanings given to such terms in the Master Agreement.
- 2. Landlord Site Reference: Greek Theatre within Griffith Park:
- 3. Tenant Site Reference: Site Number LAC905A
- 4. Site Address: 2700 North Vermont Avenue, Los Angeles, CA, and which is more particularly described in Attachment 1 attached hereto and incorporated herein.
- 5. Tenants Facilities to be erected are detailed and shall be installed in the manner set forth in Attachment 2 attached hereto and incorporated herein.
- 6. All notices pursuant to Section 5(G) of the Master Agreement shall be provided to Landlord's designee whose contact information is listed on Attachment 3.
- The initial Term and Renewal Terms of this SLA shall be as set forth in Section 6 of the Master Agreement. The Commencement Date shall be confirmed in writing by Landlord and Tenant.

- 8. The Rent payable in consideration of this SLA shall be paid per annum in accordance with Section 7 of the Master Agreement. The Rent shall be made payable to Landlord at the following address: Department of Recreation and Parks, PO Box 83628, Los Angeles, California 90086-0328. All rent checks shall have Landlord's Site number clearly written on the face of the check.
- 9. Special Provisions: None
- 10. Site Utilities. Tenant shall pay for the electricity it consumes in its operation at the rate charged by the servicing utility company. If a separate electrical meter cannot be installed at a particular Site, Tenant shall pay Landlord the sum of One Thousand Eight Hundred Dollars (\$1,800) annually in advance, based on estimated annual consumption, beginning on the Commencement Date of the applicable SLA. There shall be an annual increase commensurate to the percentage increase applied to the rental charge. The site utility payments are in addition to the rental charge, and shall be made payable in the same as the rental charge.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first above written.

Executed this	_day	THE CITY OF LOS ANGELES, a municipal corporation, acting by and through its Board
of	_, 20	of Recreation and Park Commissioners
		By Ayun Patarus PRESIDENT
		By Amad A Bencomo SECRETARY
Executed this	_day	A T & T
of	_, 20	By Director - Construction & Engineering
		ByNASECRETARY
Approved as to Form:		

MICHAEL N. FEUER,

City Attorney

upre By DEPUTY CITY ATTORNEY

Date:

6/18/2015

Attachments

Attachment 1: Legal Description of the Site

Attachment 2: Plans and Specifications

Attachment 3: Contact Information

Attachment 4: Memorandum of Lease

LEGAL DESCRIPTION OF PROPERTY

To the Site Lease Agreement dated $\underline{Jane 1g}$ 2015, by and between the City of Los Angeles, a municipal corporation, acting by and through its Board of Recreation and Park Commissioners, as Landlord, and <u>AT&T</u>, as Tenant.

Site Address **ZIP Code PIN Number** Lot/Parcel Area (Calculated) **Thomas Brothers Grid Thomas Brothers Grid** Assessor Parcel No. (APN) Tract Map Reference Block Lot Arb (Lot Cut Reference) Map Sheet Map Sheet Map Sheet Map Sheet

2700 N VERMONT AVE 90027 153B193 686 8,410,246.2 (sq ft) **PAGE 593 - GRID H1** PAGE 593 - GRID H2 PAGE 593 - GRID J1 PAGE 593 - GRID J2 PAGE 594 - GRID A1 PAGE 594 - GRID A2 5593002913 **RANCHO LOS FELIS** PAT 1-163/164 None PT LT NO 38 48 153B193 153B197 156B193 156B197

PLANS AND SPECIFICATIONS

(including description of the antenna location, and location of ground equipment adjacent to the Premises)

To the Site Lease Agreement dated $\underline{J} \swarrow \mu \ast \underline{I8}$ 20<u>15</u>, by and between the City of Los Angeles, a municipal corporation, acting by and through its Board of Recreation and Park Commissioners, as Landlord, and $\underline{A} \ \underline{T} \ \underline{C} \ \underline{T}$ Corporation, as Tenant.

Proposed Equipment is defined below and Plans and specifications are attached hereto.

Number of Antennas: 12

Antenna Manufacturer and Type-Number: Powerwave p65-16-XL

Weight and Dimension of Antenna(s) (LxWxD): 72"x12"x6", approx. 64 lbs.

Number of Transmission Lines: 15

Transmission Line Mrf. and Type No.: To Be Determined

Diameter and Length of Transmission Line: 7/8" coax and optical fiber

Location of Antenna(s) on Tower (RAD Center): Sectors A & C – 67', Sector B – 40'

Direction of Radiation (Azimuth): A - 75m B - 140, C - 355

Dimensions of Ground Space: 27' x 25'

Frequencies/Max. Power Output: Transmit: 740-746, 869-880, 890-891.5, 1945-1965; Receive: 710-716, 824-835, 845-846.5, 1865-1885



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0.08

CONTACT INFORMATION

To the Site Lease Agreement dated \underline{JUro} 18 $20^{1/2}$, by and between the City of Los Angeles, a municipal corporation, acting by and through its Board of Recreation and Park Commissioners, as Landlord, and AT&T, as Tenant.

LANDLORD:

City of Los Angeles, Department of Recreation and Park PO Box 86328 Los Angeles, CA 90086 0328

Tel: 213-202-2633 Fax: 213-202-2614

TENANT:

New Cingular Wireless PCS, LLC Attn: Network Real Estate Administration Re: Cell Site #: LAC905; Cell Site Name: Greek Theatre Fixed Asset #.: 575 Morosgo Drive NE, 13F, West Tower Atlanta, GA 30324

Telephone: Fax:

MEMORANDUM OF LEASE

This Memorandum of Lease is entered into on ______, 20___, by and between the City of Los Angeles, a municipal corporation, acting by and through its Board of Recreation and Park Commissioners ("Landlord"), and <u>AT&T</u> ("Tenant").

- 1. Landlord and Tenant entered into a Site Lease Agreement ("SLA") on ______, 20____, for the purpose of installing, operating and maintaining a radio communications facility and other improvements. All of the foregoing are set forth in the Lease.
- 2. The term of the SLA is for five (5) years commencing on ______, 20____, and ending on ______, with three (3) additional and successive five (5) year options to renew, on the same terms and condition as set forth herein unless Tenant notifies Landlord of Tenant's intention not to renew at least one hundred eighty (180) days prior to the commencement of the succeeding Renewal Term, subject to approval by Landlord.
- 3. The property subject to the SLA is described in Attachment 1 annexed hereto. That portion of the property being leased to Tenant ("Premises") is described in Attachment 2 and annexed hereto.

IN WITNESS WHEREOF, the Parties have executed this Memorandum of Lease Agreement as of the date first above written.

Executed this	day	THE CITY OF LOS ANGELES, a municipal	
of	, 20	of Recreation and Park Commissioners	
		By PRESIDENT	
		BySECRETARY	
Executed this	day of , 20	TENANT: New Cingular Wireless PCS, LLC A Delaware limited liability company By: AT&T Its: Manager By Title Name	
Approved as to Form:			
MICHAEL N. FEUER, City Attorney			
_			

By ______ DEPUTY CITY ATTORNEY

Date