

**ARLINGTON COUNTY, VIRGINIA  
OFFICE OF THE PURCHASING AGENT  
2100 CLARENDON BOULEVARD, SUITE 500  
ARLINGTON, VIRGINIA 22201**

**CONTRACT AMENDMENT COVERPAGE**

WESTNET, INC.	<u>DATE ISSUED:</u>	OCTOBER 6, 2012
15542 CHEMICAL LANE	<u>CURRENT REFERENCE NO:</u>	243-11
HUNTINGTON BEACH, CA 92649	<u>CONTRACT TITLE:</u>	FIRE STATION ALERTING SYSTEM MAINTENANCE

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**THIS IS A NOTICE OF CONTRACT AMENDMENT AND NOT AN ORDER. NO WORK IS AUTHORIZED UNTIL THE  
VENDOR RECEIVES A VALID COUNTY PURCHASE ORDER ENCUMBERING CONTRACT FUNDS.**

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The contract documents consist of the terms and conditions of AGREEMENT No. 242-11 including any attachments or amendments thereto.

**EFFECTIVE DATE:** JUNE 19, 2020

**EXPIRES:** AUGUST 1, 2022

**RENEWALS:** N

**COMMODITY CODE(S):** 93600

**LIVING WAGE:** N

**PROFESSIONAL SERVICES:** N

**ATTACHMENTS:**

CONTRACT 243-11 AMENDMENT 2

**EMPLOYEES NOT TO BENEFIT:**

**NO COUNTY EMPLOYEE SHALL RECEIVE ANY SHARE OR BENEFIT OF THIS CONTRACT NOT AVAILABLE TO THE  
GENERAL PUBLIC.**

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**VENDOR CONTACT:** DAWN MATHENY

**VENDOR TEL. NO.:** (714) 548-3500

**EMAIL ADDRESS:** [DMATHENY@WESTNET-INC.COM](mailto:DMATHENY@WESTNET-INC.COM)

**COUNTY CONTACT:** IGOR SCHERBAKOV

**COUNTY TEL. NO.:** (703) 228-0709

**EMAIL ADDRESS:** [ISCHERBAKOV@ARLINGTONVA.US](mailto:ISCHERBAKOV@ARLINGTONVA.US)

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**PURCHASING DIVISION AUTHORIZATION**

Meloni Hurley \_\_\_\_\_

**Title:** Assistant Purchasing Agent \_\_\_\_\_

**Date:** 6/19/2020 \_\_\_\_\_

**ARLINGTON COUNTY, VIRGINIA**  
**AGREEMENT NO. 243-11**  
**AMENDMENT NUMBER 2**

This **Amendment Number 2** ("Amendment") is made on the date of execution of the Amendment by the County and amends **Agreement Number 243-11**, dated October 16, 2012 ("Main Agreement"), as amended by Amendment 1, and made between **Westnet, Inc.**, 15542 Chemical Lane, Huntington Beach, CA 92649 ("Contractor") and the County Board of Arlington County, Virginia ("County").

The County and the Contractor amend certain provisions of the Main Agreement as follows:

- 1. Replace EXHIBIT A: SCOPE OF SERVICES in its entirety with the attached EXHIBIT A: SCOPE OF SERVICES FOR MAINTENANCE.**
- 2. Replace EXHIBIT B: PRICING with the attached EXHIBIT B.**  
The revised exhibit adds hourly rates for additional support services not covered by the annual maintenance payment.
- 3. Replace Exhibit C: Non-Disclosure and Data Security Agreement (Contractor) with attached Exhibit C.**
- 4. Add the attached EXHIBIT D: SCOPE OF SERVICES UPGRADE FOR A ONE-TIME MAJOR UPGRADE.**
- 5. Add the attached EXHIBIT E: DEFINITIONS.**
- 6. Add the following language to SECTION 6. PAYMENT:**

All payments associated with Exhibit D and the related Westnet Quote, are subject to the following milestone payment structure. Payments will be calculated as follows, based on the total cost of the work, and remitted upon successful completion of each milestone, as reviewed and approved by the Project Officer:

<b>Pricing Description</b>	<b>Cost %</b>
Requirements Completion, System Configuration of Hardware and Delivery	35%
Installation	25%
System Testing, Training & Acceptance	25%
System Reliability: Hardware/Software	10%
System Reliability: Automated Voice Dispatch (AVD)	5%

- 7. Amend SECTION 15.PROJECT STAFF to read as follows:**

- B. All Contractor personnel that will access the System, either virtually or physically, must undergo a background check investigation, which will be administered by County personnel.
  1. Within three days business days of a request by the County, the Contractor will submit to the County a Completed Security Access Form and resume for the personnel requesting access.

2. The Contractor will receive notification of approval or rejection of the staff or subcontractor from the County Project Officer or authorized ACFD personnel after successful background check.
3. The ACFD will maintain an Approved Personnel register with the following information for all approved personnel: name; contact information, including email address and phone number; standard work hours and schedule, and name of the supervisor.
4. Both the identity of approved personnel and all identifying information for any individual submitted for approval shall be deemed confidential and protected from disclosure by the County, except to the extent that the information is subject to disclosure under the Virginia Freedom of Information Act or other applicable law or court order.

**8. Amend the contact information in SECTION 49. NOTICES as follows:**

**TO THE COUNTY:**

Igor Scherbakov, Project Officer  
Arlington County Police Department  
1425 N. Courthouse Road, 7<sup>th</sup> floor  
Arlington, VA 22202  
Phone: (703) 228-0709  
Email: [ischerbakov@arlingtonva.us](mailto:ischerbakov@arlingtonva.us)

AND

Sharon Lewis, Purchasing Agent  
Arlington County Government  
Department of Management and Finance  
2100 Clarendon Blvd, Suite 501  
Arlington, VA 22201  
Phone: (703) 228-3410  
Email: [slewis1@arlingtonva.us](mailto:slewis1@arlingtonva.us)

**9. Add SECTION 52. SOFTWARE LICENSE AGREEMENT as follows:**

**A. SOFTWARE LICENSE AGREEMENT**

The Westnet Software licenses to be executed by the County with the Contractor shall contain the following terms:

In connection with the transfer of possession of the fully paid software package provided pursuant to this Contract, the Contractor hereby grants to Arlington County a non-exclusive license to use the software program(s) ("Software") and user manuals, technical manuals, and other information ("Documentation") for the software package. The County shall have the right and license to use the Licensed Software for County's business use. The Contractor will deliver to County one copy of each application of the Licensed Software (in machine readable form compatible with the specified operating environment) and one copy of the related Documentation.

**B. OWNERSHIP**

The Contractor will provide the County with a software license, but title to the Licensed

Software and Documentation, all copies thereof and all rights therein, including all rights in patents, copyrights, and trade secrets applicable thereto, shall remain vested in the Contractor, regardless of the form or media in or on which the original and other copies of the Licensed Software and Documentation may subsequently exist. Nothing contained herein shall be deemed to convey any title or ownership interest in the program module(s), Licensed Software or Documentation to the County.

The County agrees not to disclose, transfer, provide or otherwise make available in any form, except as otherwise provided in the Contract Documents, Licensed Software or any portion thereof to any person other than employees of the County without the prior written consent of the Contractor, and any such disclosure or transfer shall be consistent with use in a single-user computer system.

The County agrees not to reverse compile or disassemble the Licensed Software.

The County agrees that it will not, in any form, export, re-export, resell, ship, or divert or cause to be exported, re-exported, resold, shipped, or diverted, directly or indirectly, the Licensed Software and Documentation or any direct product thereof without first obtaining the requisite license or approval from the Contractor.

**C. TERM**

The term of this license agreement is for as long as the County maintains an active maintenance agreement and utilizes the Licensed Software for its intended purpose unless terminated pursuant to this Contract.

**D. LICENSED SOFTWARE: GENERAL WARRANTY & REPRESENTATIONS**

The Contractor warrants and represents to the County the Licensed Software described as follows:

**1. OWNERSHIP**

Contractor is the owner of the Licensed Software or otherwise has the right to grant the license to use the Licensed Software granted hereunder without violating or infringing any law, rule, regulation, copyright, patent, trade secret or other proprietary right of any third party.

**2. LICENSED SOFTWARE and DOCUMENTATION**

Contractor warrants the following with respect to the Licensed Software:

- a. Contractor warrants, for County's benefit only, that the Licensed Standard Software will perform as specified in its user manuals based on the then-current release of the Licensed Standard Software.
- b. Contractor represents that all services shall be provided with a reasonable standard of care, in a workmanlike and professional manner, and each of the human resources assigned to perform services for County shall be fully qualified, experienced, and technically trained and shall perform the services in a reasonably cost-efficient manner.
- c. Contractor has used its best efforts through quality assurance procedures that are consistent with industry best practices to ensure that there are no computer viruses or undocumented features in the Licensed Software at the time of the

delivery to the County. Contractor warrants that the Licensed Software does not contain any embedded device or code (e.g., time bomb) that is intended to obstruct or prevent the County's use of the Licensed Software during the contract term. Notwithstanding any rights granted under this Contract or at law, the Contractor hereby waives under any and all circumstances any right it may have or may hereafter have to exercise Electronic Self-Help. The Contractor agrees that the County may pursue all remedies provided under law in the event of a breach or threatened breach of this Section, including injunctive or other equitable relief.

- d. The Contractor shall notify the County if the Licensed Software provided by Contractor under this contract contains any Open Source code and will identify the specific Open Source License that applies to any embedded code that is dependent on Open Source code.

**10. Add SECTION 53. REQUIRED REPORTS, ADMINISTRATION & DIGITAL RECORDS as follows:**

The Contractor shall provide, at a minimum, digital copies of the following documentation for every major release (as defined by versioning language in Exhibit A), or as requested by County personnel

**A. USER MANUAL**

- a. A digital copy of the User Manual shall be provided prior to System Testing, Training & Acceptance in the then-current format.
- b. The User Manual shall include the following sections:
  - i. Cover Page
  - ii. Guide on how to use all functions of the system
  - iii. Annotated screenshots
  - iv. Troubleshooting section detailing possible errors or problems that may occur, along with how to fix them
  - v. Help section with contact details

**B. ADMINISTRATOR MANUAL**

A digital copy of the Administrator Manual, which supplements the technical training provided by the Contractor, shall be provided prior to the initiation of the 60-day reliability period in the current format.

**C. ANNUAL MAINTENANCE REPORT**

The Contractor shall provide an annual Maintenance Report (MR) to the ACFD Communications Officer no later than five days prior to the anniversary of the contract execution date. This report shall include:

- a. Tasks & Work
- b. Each task performed by the Contractor shall be documented as follows:
  - i. Date
  - ii. Description of the Task
  - iii. Fire Station(s)
  - iv. Task Type
    - 1. Preventative Maintenance
    - 2. Break-Fix Maintenance
    - 3. Other
  - v. Technician/Contractor employee performing Maintenance
  - vi. Hardware replaced or removed (if applicable)

1. Description of Part
  2. Part/Manufacturer ID
  - vii. Mitigation strategy (if applicable)
  - viii. Date reported
  - ix. Date resolved (upon resolution/repair)
- D. PREVENTATIVE MAINTENANCE
- a. The MR shall list all regular maintenance planned for each fire station for that period (e.g. UPS battery replacements, HPA batteries, etc.)
  - b. Regular maintenance shall be defined as any maintenance tasks that recur more than once over the life of the contract, to ensure 99.95% availability of the system
- E. EQUIPMENT REGISTER
- a. As part of the annual MR, the Contractor shall maintain an updated register for all equipment including the following data elements:
    - i. Make
    - ii. Model
    - iii. Serial Number
    - iv. Date Installed
- F. DIGITAL RECORDS
- a. The Contractor shall provide the County Department of Environmental Services: Facilities Design & Construction, (DES: FD&C) with the following:
    - i. Digital files in two formats for each fire station, whether temporary or permanent building:
      1. A .dwg file format
      2. A .pdf format
    - ii. Each digital file for each Fire station shall include at a minimum, drawings detailing the following documented components:
      1. All Westnet Hardware
      2. All low-voltage electrical cable installed by Westnet post-contract amendment used by the Westnet system.

All other terms and conditions of the Main Agreement shall remain unchanged.

**REMAINDER OF THE PAGE IS INTENTIONALLY BLANK**

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON  
COUNTY, VIRGINIA

AUTHORIZED DocuSigned by:  
SIGNATURE: Meloni Hurley  
534895882496484...  
NAME: Meloni Hurley  
TITLE: Assistant Purchasing Agent  
DATE: 6/16/2020

WESTNET, INC.

AUTHORIZED DocuSigned by:  
SIGNATURE: Dawn Matheny  
6EC149B2D7C14D6...  
NAME: Dawn Matheny  
TITLE: Chief Financial Officer  
DATE: 6/16/2020

ARLINGTON COUNTY AGREEMENT 243-11

EXHIBIT A

SCOPE OF SERVICES FOR MAINTENANCE  
AS REVISED BY CONTRACT AMENDMENT 2

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## Introduction

### Background

Westnet, Inc. (Contractor) installed “First-In” fire station alerting system (“System”) at Arlington County facilities in 2004, and the County has relied upon it for the last 15 years. This scope revision clarifies the two parties’ responsibilities for system management and maintenance while remediating inherent contract risks due to ambiguity and lack of information.

### System Purpose

The System is a multi-mode, Internet Protocol (IP) based, networked communications system linking the Computer Aided Dispatch (CAD) system used in the 911 Public Safety Answering Point (PSAP) at the Emergency Call Center (ECC), with the System in the fire stations they dispatch. When the CAD system recommends units to respond to emergencies, the System provides near instantaneous auditory and visual indication to personnel in fire stations on the alarm, location, and units to respond to the emergency. The System meets the National Fire Protection Association (NFPA) standard 1221 requiring constant electrical circuit supervision between the ECC and the System hardware in the fire stations. The System has multiple, redundant connections to the CAD system (IP, radio, Radio Frequency (RF), and telephone lines) to assure constant connectivity. There are multiple means at the ECC to activate fire stations, should there be a CAD disruption. System equipment in the fire station also provides the following functions within the building: public address; doorbell/visitor alert; and night-lighting along with the dispatch functions. When there are multiple response units assigned to a fire station, equipment in dormitories are configurable by firefighters so that only alarms for their unit wake them to the alarm.

## Software Support & Maintenance

### Provision of Westnet Software

Provided there is an active contract, including any temporary or permanent contract extension, Contractor shall upgrade and maintain as necessary, at no additional cost to the County, the system software covered under this agreement that has already been installed by the Contractor. Licensed standard software relating to operation of the Westnet First-In Alerting system, (hereto referred to as “Westnet Software”), includes:

Westnet Software Name	Software Purpose/Description	Version* (Primary/Secondary)
Alerting	Handles IP/Radio alerting workflows	3.5.05
CADI	Handles CAD IP interface	3.6.0.12/3.6.0.26
Event Service	Handles logging of FSAS events	1.0.0.9/1.0.0.8
Messaging Service	Handles SMTP communications	1.1.5.6
FS Alerting Endpoint	.exe application providing information to Endpoints in Stations	2.0.0.1
First Alerting Client Application	.exe application providing information to monitors in Dispatch	2.5.0.2

*\*Current Versioning reported December 2019.*

### System Maintenance & Support

Contractor shall provide software maintenance for Westnet Software during the term of the agreement, specifically providing:

#### General

- 1) Upgrades, including new releases, to the software, provided the County has a current maintenance agreement with Westnet, including any temporary or permanent contract extension.
- 2) Contractor shall be required to remedy any bugs or defects in Westnet Software and provide Technical Support in accordance with **Table 1: Service Level Agreements and Prioritization**.
- 3) All servers must have an approved Anti-virus software purchased, updated and installed by the County.

## Patching and Updates of Servers

The County is responsible for administration of updates and patches for non-Westnet Software, to ensure optimal working order of the system. Westnet shall remain responsible for updating all Westnet software, with approval of each new version of any software approved on a version basis to ensure appropriate patching and updating has been completed.

Required patching identified by the Contractor as of the time of this amendment to maintain the software in a state of optimal working order includes:

Alerting System	Software Name	Version*
Primary	Windows 2016 Standard Server	1607
Primary	MS SQL Server 2014	2014
Primary	MS SSMS 2014	2014
Primary	MS .NET Framework	4.0.30319
Secondary	Windows 2016 Standard Server	1607
Secondary	MS SQL Server 2014	2014
Secondary	MS SSMS 2014	2014
Secondary	MS .NET Framework	4.5.1
Secondary	MS Multi-Targeting Pack	4.5.2

*\*Current versioning reported December 2019. All patching and updates for future versions must be approved prior to deployment in accordance with the SCCM.*

Administration of patching and updates of servers shall include active research and monitoring of patches impacting all servers and software relied upon by the System, testing before deployment of any patches or updates, installation, as well as debugging and troubleshooting of any issues related to patching and updates of servers.

All patching and updating shall be performed in accordance with County policies and regulations.

## Backup, Restores, and Imaging of Servers

County shall maintain backups of all configurations, so that in the event of catastrophic failure of both primary and secondary servers, all servers can be restored within three hours of reporting System failure.

Contractor shall ensure a backup is taken before any configuration changes to Westnet Software, to ensure no impact to operations when performing updates to configurations.

All backups, restoration or imaging of servers are subject to the Software Change Control Methodology (SCCM) listed on page 7 of this document.

## Test Environment

County shall be responsible for setting up and resourcing the test environment. Responsibilities for patching and software updates shall be the same as the production environment.

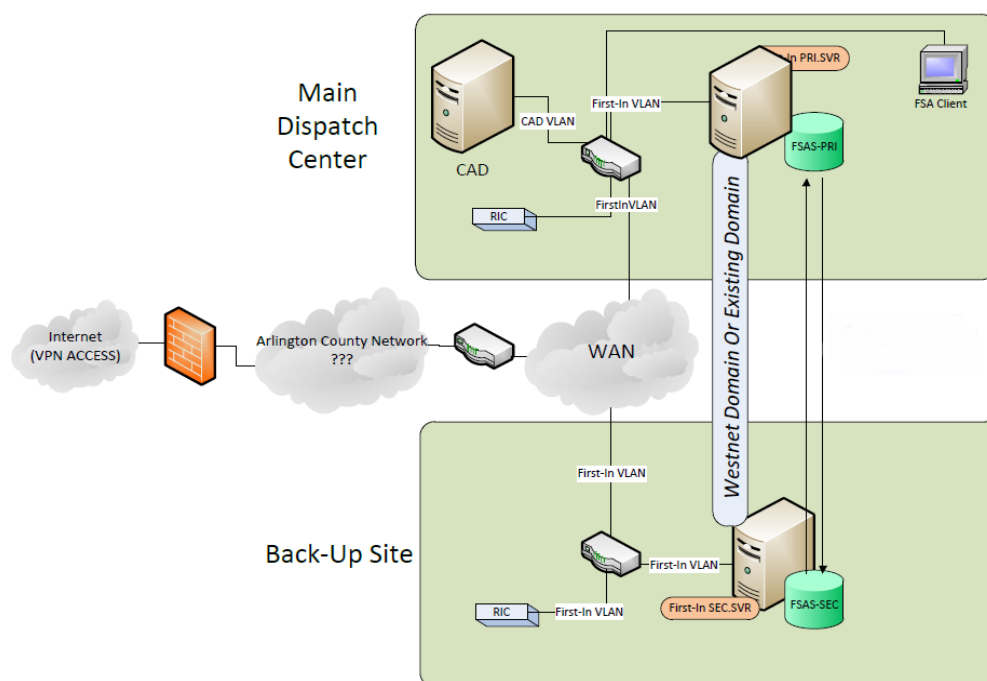
Contractor shall work with County to ensure a Test Environment is set up and functional, in order to allow for routine testing, maintenance and appropriate best practices associated with deployment of software. The System shall be based on existing architecture pictured below:



## Arlington County – Westnet First-In FSAS Layout (Dispatch)

Drawn By: R.Garcia

February 28, 2013



Test environment shall conform to the following specifications:

VM Component	Minimum Specification
CPU	Intel Xeon E3-1220 v5 3.0GHz
RAM	16GB
Hard Drive	2TB
Drive (Type/RPM/Interface)	SATA/7200/3Gbits
RAID level	RAID 1
Operating System Software	Windows 2016 Standard Server
Database Software	MS SQL Server 2014

## Releases & Updates

All future releases and updates for existing Westnet Software covered under this agreement shall be provided to the County in accordance with the SCCM. Future releases of Westnet Software must pass reliability testing in the test environment, and upon doing so, shall be deployed to the production system through coordination with Public Safety Information Technology (PSIT).

Release notes shall be provided for every release of any Westnet Software, and shall include:

- 1) All features and functionality
- 2) All fixes
- 3) All Improvements

- 4) Planned date for the next release (if available)

## Custom Interfaces, Software Configuration and Custom Enhancements

The existing custom interface to Tiburon's Command CAD (version 2.9.1) or software configurations involving Westnet Software and/or third parties shall continue to function with new releases of Westnet software at no additional costs to the County. Any costs or required work to maintain existing functionality due to an upgrade or changes in Westnet Software shall be borne exclusively by the Contractor.

If changes are made to Tiburon Command CAD (version 2.9.1) or other 3<sup>rd</sup> party software that require changes or correction within Westnet Software that were not made by Westnet, in order to maintain existing functionality, the Contractor will charge the County at the standard hourly fees listed in **Exhibit B**. Before any work is performed, Contractor will obtain approval via the Software Change Control Methodology listed below.

Custom Enhancements shall include any additional modules or code base provided by the Contractor that function in conjunction with the Westnet Software to provide functionality not present in the existing configuration and version of Westnet Software. All Custom Enhancements shall be subject to review and approval by PSIT and the ACFDCO.

## Software Change Control Methodology

All changes to any Westnet Software require the Contractor to adhere to the Software Change Control Methodology (SCCM) listed below. In the event of an emergency that requires work to be done on the system where time is of the essence, it shall be at the sole discretion of the ACFDCO, and if the ACFDCO is not available, the Logistics Battalion Chief, to authorize emergency work to be performed without using the SCCM.

For all non-emergencies, the Contractor shall adhere to the following 4-step methodology for any changes or new functionality involving Custom Interfaces, Software Configuration, or Custom Enhancements for Westnet Software:

### 1) Requirements Development

- a. Review of features, changes and requirements with PSIT. Only items approved by the County Project Officer shall be included in Requirements Documentation (RD).
- b. Preparation of RD, to include:
  - i. Detailed descriptions of the required feature
  - ii. User Interface and User Design (UI/UX)
    1. Screenshots of all impacted menus, screens and reports
    2. Written summary of impact to any business processes impacted by changes.

### 2) Design & Approval

- a. Review of Design Documentation with County stakeholders.
- b. Submission of completed RD to County Project Officer for review.
- c. Provision of Level of Effort (LOE) based on requirements.
- d. All LOE's shall have a NTE (Not to Exceed) clause measured in hours to ensure accuracy in estimating.
- e. Acceptance of RD and sign off by County Project Officer and ACFDCO.
- f. No programming will be done by the Contractor until the formal sign-off and County's authorization to proceed in writing.

### 3) Build & Test

- a. Functional Review & Configuration Approval of solution in development environment.
- b. Proof of Concept and validation of a functioning solution must be reviewed and approved by ACFD/ECC/PSIT personnel before deploying any solutions to the Production environment.
- c. Contractor completes programming from RD and provides modified software to County or publishes software to the production environment in coordination with PSIT.
- d. Any promotion of software to the Production environment requires:
  1. Prior approval from PSIT.
  2. Minimum 5 business days prior notice.

3. Completion of promotion of software during an approved maintenance window, established by PSIT.

**4) Stabilization and Maintenance**

- a. Any changes must pass a 90-day reliability period in the production environment free of any bugs or defects to be considered successfully deployed.
- b. Any bugs or defects caused by incident types for which Westnet is responsible during this period shall be remedied at the expense of the Contractor.

### Additional Work

The County shall provide the Contractor a scope of services for any additional work related to the Westnet system not covered by the existing scope of services. The Contractor shall provide quotes for the additional scope of services to the Project Officer and, if the quotes are approved by the Project Officer, this Agreement shall be formally amended to add the approved services.

## Hardware and Infrastructure Support & Maintenance

### Cabling

Westnet shall install all cabling for systems that it warrants and maintains. Westnet is responsible for the maintenance and warranty for all cabling infrastructure that supports the System, for the term of the contract. Repair of any cabling infrastructure necessitated by third parties or unauthorized alterations of the cabling will be conducted according to the rates set forth in Exhibit B. This does not include damage or unnecessary cabling infrastructure costs caused by the Contractor, for which Contractor is solely responsible.

### System Maintenance

The Contractor will provide all maintenance required to maintain the System at 99.95 % availability, based on the formula described under the definition of System Availability. Such maintenance will be on a schedule that is documented within the annual Maintenance Report and provided to the County by the Contractor.

1. Coordination of any on-site maintenance to be performed by approved Contractor personnel will be arranged with the County's ACFD Communications Officer (ACFDCO) as necessary, with a minimum of 5 days' notice prior to any preventative maintenance.
2. Coordination of any remote access maintenance to be performed by approved Contractor personnel will be arranged with PSIT with a minimum of 5 days' notice prior to any preventative maintenance.
3. The Contractor shall maintain new equipment with Customer's programming at its Manassas, VA location.

### Spare Equipment and Parts

#### Spare Parts Inventory Management & Administration

1. The Contractor shall service replaceable parts by replacing them with new parts or factory certified refurbished equipment. Upon receipt by the County of the new replacement part, the original part becomes the property of the Contractor, which shall retrieve the part at its convenience.
2. The Contractor will provide all parts and labor necessary to maintain System availability of 99.95% in accordance with Table 1 above. The Contractor will repair or replace any malfunctioning component of the System.
3. Spare Parts will be warehoused and stored at Contractor's location in Manassas.

#### Spare Part Costs

Any costs associated with spare parts are covered by the annual maintenance agreement payment. All parts, new and refurbished, shall have a one-year warranty from date of install.

## Service Level Agreement and Prioritization: System & Software Support

Contractor agrees to maintain minimum 99.95% System availability (as defined in Exhibit E) and all Westnet Software. The acceptable System availability will be 99.95 percentage of the maximum expected availability over a given period. The System is expected to be available 24-hours a day, 7-days a week (24/7).

**Table 1: Service Level Agreement and Prioritization: System & Software Support**

Priority Level	Contractor Availability	Response Time	Description
<b>1</b>	<b>24/7/365 Including County Holidays</b>	<b>3-6 Hour Response Time</b>  If remote technical support is not successful, Contractor agrees to arrive on site within twenty-four (24) hours of this determination.	<b>This priority level represents a significant issue that results in the inability to use the alerting systems:</b> <ul style="list-style-type: none"> <li>Station reports that is not receiving any form of an alert or there is no audio in a fire station</li> <li>Other failures that render the fire station MCU and more than five audio transmitting devices unusable.</li> <li>System at ECC is out of service.</li> <li>Dorm remotes.</li> </ul>
<b>2</b>	<b>11:00 AM to 8:00 PM EST, Monday-Friday (Excluding County Holidays)</b>	<b>2 Business Day Response</b>	<b>This priority level represents a moderate issue that restricts normal use of the alerting systems:</b> <ul style="list-style-type: none"> <li>Any non-essential Fire Station device reported inoperable.</li> <li>Reports of receiving other stations' or companies' alerts.</li> <li>Requests to increase fire station volume levels within fire department-approved parameters.</li> </ul>
<b>3</b>	<b>11:00 AM to 8:00 PM EST, Monday-Friday (Excluding County Holidays)</b>	<b>3 Business Day Response</b>	<b>This priority level represents minor or non-emergency issues that do not restrict normal use of the station alerting systems.</b> <ul style="list-style-type: none"> <li>Requests to decrease volume levels within fire department-approved parameters.</li> <li>Add additional equipment, request programming, or voice-chip changes.</li> <li>Requests for additional training</li> <li>Other non-mission critical matters in the dispatch centers or fire stations.</li> <li>Automated Voice Dispatch (AVD) Configuration and calibration</li> </ul>

## Service Exclusions and Conditions

1. This Agreement excludes:
  - a. Service made necessary by what the parties agree to be misuse, tampering, abuse, neglect, water or electrical damage or maintenance conducted by unauthorized persons or third parties.
  - b. Installation, repair or replacement of products that are part of the System but that are not installed by Westnet as part of the System.
2. Contractor agrees to respond to a reported problem in the time frames outlined in the Service Level Agreements section; however, if the root cause of the problem is determined to not be related to the System, Contractor may charge the County for labor costs after three (3) technical support calls or two (2) on-site calls in an annual period,

based on stated hourly rates, but only after notifying the County after each response that the call is not properly within the scope of this Agreement.

3. The County will not make modifications to the System.

## County Responsibilities

Should the Contractor encounter any difficulties with the County Responsibilities listed below, it will immediately contact the County's Project Officer in writing.

The County agrees to:

### 1. County (PSIT staff) shall:

- a. Coordinate access for approved Contractor personnel to appropriate systems via remote access 24/7/365.
- b. Ensure remote access 24/7/365 to the Contractor monitor computer in the ECC and fire stations.
- c. Respond to pages from public safety personnel involving Westnet systems and notify ACFDCO and Contractor accordingly.
- d. Provide and maintain an operating 24/7/365 VPN with IP access to the stations for the duration of the Agreement. The VPN shall allow Westnet to connect to all fire stations that are equipped with the First-In Fire Station Alerting (First-In) equipment. The VPN must be operating, and the Customer must allow Westnet to test the VPN prior to the commencement of this Agreement. Failure on behalf of Arlington County to maintain an active VPN will delay Westnet's response time and recategorize Service Measures as Low until VPN access is restored. Should Arlington County fail to restore VPN access within three business days and should Westnet be required to provide onsite service for Incidents that would otherwise have been resolved over VPN, Westnet shall send a cost proposal to Arlington County for the travel and onsite service at contract rates. If approved, a contract amendment will be issued. Any downtime resulting from the County's failure to provide and maintain an operating 24/7/365 VPN shall be considered a Third-Party incident as defined in Exhibit E.

### 2. The ACFDCO or ECC personnel shall:

- a. Notify Contractor with any problems with the System by calling the Westnet Systems Group at 1-800-843-9695 (Contractor's call center).
- b. Provide the Contractor with code-access to the stations for approved Contractor personnel and log any access by Contractor personnel to any fire stations.
- c. Designated Arlington County personnel will notify Contractor of any Incidents by calling Contractor at (800) 807-1700 or by submitting a ticket via the then-approved ticketing system provided by Contractor.
- d. Continue to provide the make and model number of the fire station radio to which the System is connected for the source of dispatch audio. If there are any connections to this radio other than the outside antenna and the power source, the County will provide a diagram showing the method of connection, connector pins used, signals obtained from the radio and signals sent to the radio by the fire station equipment.
- e. County will provide Contractor with either code-access to the stations or an escort that is available 24/7/365 and within one (1) hours' notice of an onsite visit. If training, badges or background checks are required any time during the term, County agrees to pay for such costs.
- f. If applicable, provide the make and model number of fire station amplifier, type of connectors used by fire alerting input, input impedance and the necessary audio level to drive station amplifier.
- g. Provide a description of station control circuits (e.g., lighting, door openers, gas shut-off) and the number of circuits to be controlled by the Control Remote.
- h. Ensure that the MCU at each station is always plugged into the Contractor supplied online fulltime UPS.
- i. Ensure that the MCU at each station is always plugged into the First-In Radio Isolation Unit. Contractor will exclude from this Agreement the repair of any equipment not properly connected to the Radio Isolation Unit.

3. DES and/or DTS personnel shall be responsible for the following:

- a. Ensure that the radio antenna and lightning arrestor is installed per current engineering standards and that all lightning protection equipment is connected to a 5-ohm earth ground by a #6 or larger cable not exceeding eight (8) feet in length between the 5-ohm earth ground and the protected equipment.
- b. Assist and work with Contractor to identify issues with non-County owned or operated network infrastructure that may impact the System.
- c. Inspect, service, maintain and troubleshoot the following systems that Westnet utilizes:
  - i. Electrical Systems (including grounding)
  - ii. Network Infrastructure owned and operated by the County
  - iii. CAD system performance
  - iv. Radios and the radio system (including outside antennas)
  - v. Telephone systems (including providing ringing voltage)

**ARLINGTON COUNTY, VIRGINIA****AGREEMENT NO. 243-11****EXHIBIT B "PRICING"****Annual Maintenance Cost**

<b>Term</b>	<b>Cost</b>
August 2, 2017 -August 1, 2018	\$73,036.00
August 2, 2018-August 1, 2019	\$74,497.00
August 2, 2019 -August 1, 2020	\$75,987.00
August 2, 2020 -August 1, 2021	\$77,507.00
August 2, 2021 -August 1, 2022	\$97,957.00

\*Reflects price increase due to major upgrade equipment purchase.

**Additional Support Services**

Additional support services shall be made available by the Contractor at the request of the County according to the specially negotiated rates below:

<b>Role/Service</b>	<b>Hourly Rate</b>
On-Site Technician I	<b>\$185.00</b>
On-Site Technician II	<b>\$185.00</b>
Remote Technical Assistance Technician I	<b>\$185.00</b>
Remote Technical Assistance Technician II	<b>\$185.00</b>
Software Programming (Jr. Developer)	<b>\$205.00</b>
Software Programming (Sr. Developer)	<b>\$225.00</b>
Fire Station Alerting System Design Services	<b>\$185.00</b>
Standard Programming	<b>\$185.00</b>
Technician- Lead	<b>\$185.00</b>
Custom Programming & Testing Services	<b>\$225.00</b>
Fire Station Alerting System Installation- Project Management	<b>\$185.00</b>

### Project Upgrade Payment Pricing

Contractor shall perform the one—time system upgrade in accordance with the pricing of Attachment 1 below.

Pricing Description	Cost %	Invoice Amount
Requirements Completion, System Configuration of Hardware and Delivery	35%	\$330,588.01
Installation	25%	\$236,134.29
System Testing, Training & Acceptance	25%	\$236,134.29
System Reliability: All Westnet Software & Hardware <i>(Excluding AVD)</i>	10%	\$94,453.72
System Reliability: AVD	5%	\$47,226.86
<b>TOTAL</b>	<b>100%</b>	<b>\$944,537.17</b>



15542 Chemical Lane  
Huntington Beach, CA 92649  
Phone: 714-548-3500 Fax: 714-901-5610  
www.FirstInAlerting.com



## Quote: Arlington County Fire Department First-In Alerting System CIP Upgrade and Additions Revised 4

**To: Arlington County Fire Department**

**From: Dawn Matheny**

Arlington County Fire Department

2100 Clarendon Blvd., Ste 400

Arlington, VA 22201

Contact:

### Summary

Total Amount:	<b>\$944,537.17</b>	Quote ID:	Q-06444-COT9 Rev. 4
Shipping Method:	Ground	Date:	3/30/2020
Payment Terms:	Net 30	Effective To:	6/30/2020
Description:	This quote is for Arlington County Fire Department First-In Alerting System Upgrade and Additions		

Clarifying Comments:

Quote does not include sales tax, customer is responsible for sales tax if applicable.

Quote was revised 1/22/2020 to update the equipment post Dec. walkthroughs with FD.

Quote was revised 1/27/2020 to update the changes referred to in email dated 1/24/2020.

Quote was revised 1/30/2020 to update the device counts referred to in email dated 1/27/2020.

Quote was revised 3/30/2020 to add one Outside Speaker Audio Module (includes two speakers) for every Company Indicator.

### Shipping Information

**Ship To:**

**Bill To:**

### Details

Product ID	Product	QTY	Price	Sub Total
<b>Fire Station #1</b>				
FIN-Eth-T10	Ethernet Data Activated First-In Type 10 MCU	1	\$9,495.95	\$9,495.95
SDRM38V-SM	Dorm Remote Upgrade	15	\$450.00	\$6,750.00
SSAT-M	Satellight Controller	1	\$599.98	\$599.98
SSATKIT-TBD	Satellight Mounting Kit - TBD	1	\$48.00	\$48.00
SPC28-PL-1K2PS	Power Module Light w/ Hub & Spoke Controller & Dual Power Supplies	1	\$3,194.38	\$3,194.38
SS-CI5C-M-OS	Company Indicator (Outside)	3	\$950.00	\$2,850.00
SS-OSA-D	Outside Speaker Audio Module (includes two speakers)	3	\$698.98	\$2,096.94
SS-AST-LF	Alerting Strobe Light Fixture	4	\$225.00	\$900.00
SS-SLA-4L	Alerting Strobe Light Adaptor	1	\$95.00	\$95.00
DL-STROBE-BB	Dorm Light / Strobe Light Back Box - Kit	4	\$34.50	\$138.00
FIS-MOD	Information System Modulator	1	\$3,979.80	\$3,979.80
FIS-SDS-32-MAP	Information System 32" Non-Touch Display Point with Mapping	7	\$2,436.00	\$17,052.00
SSPK-SW-M	Smart Station Speaker Switch	1	\$225.00	\$225.00
APP-DUAL-KL	Apparatus Bay Dual Knight Light Strips	12	\$1,354.60	\$16,255.20
	Equipment Removal (patching & painting by others)	6	\$185.00	\$1,110.00

				<b>\$64,790.25</b>
<b>Fire Station #2</b>				
FIN-Eth-T10	Ethernet Data Activated First-In Type 10 MCU	1	\$9,495.95	\$9,495.95
SDRM38V-SM	Dorm Remote Upgrade	12	\$450.00	\$5,400.00
SS-CI5C-M-OS	Company Indicator (Outside)	1	\$950.00	\$950.00
SS-OSA-D	Outside Speaker Audio Module (includes two speakers)	1	\$698.98	\$698.98
SS-AST-LF	Alerting Strobe Light Fixture	4	\$225.00	\$900.00
SS-SLA-4L	Alerting Strobe Light Adaptor	1	\$95.00	\$95.00
DL-STROBE-BB	Dorm Light / Strobe Light Back Box - Kit	4	\$34.50	\$138.00
SPC28-PL-1K2PS	Power Module Light w/ Hub & Spoke Controller & Dual Power Supplies	1	\$3,194.38	\$3,194.38
FIS-MOD	Information System Modulator	1	\$3,979.80	\$3,979.80
FIS-SDS-32-MAP	Information System 32" Non-Touch Display Point with Mapping	5	\$2,436.00	\$12,180.00
APP-DUAL-KL	Apparatus Bay Dual Knight Light Strips	14	\$1,354.60	\$18,964.40
	32" Non-Touch Screen Monitor	1	\$692.00	\$692.00
	Equipment Removal (patching & painting by others)	6	\$185.00	\$1,110.00
				<b>\$57,798.51</b>
<b>Fire Station #3</b>				
FIN-Eth-T10	Ethernet Data Activated First-In Type 10 MCU	1	\$9,495.95	\$9,495.95
SDRM38V-FM	Dorm Remote Upgrade	10	\$450.00	\$4,500.00
SS-CI5C-M	Company Indicator (Apparatus Bay) Medium 17.37 inch	1	\$825.00	\$825.00
SS-OSA-D	Outside Speaker Audio Module (includes two speakers)	1	\$698.98	\$698.98
SS-AST-LF	Alerting Strobe Light Fixture	2	\$225.00	\$450.00
DL-STROBE-BB	Dorm Light/Strobe Light Back Box - Kit	2	\$34.50	\$69.00
SS-SLA-4L	Alerting Strobe Light Adaptor	1	\$95.00	\$95.00
FIS-MOD	Information System Modulator	1	\$3,979.80	\$3,979.80
FIS-SDS-32-MAP	Information System 32" Non-Touch Display Point with Mapping	11	\$2,436.00	\$26,796.00
SSPK-SW-M	Smart Station Speaker Switch	2	\$225.00	\$450.00
	Equipment Removal (patching & painting by others)	7	\$185.00	\$1,295.00
				<b>\$48,654.73</b>
<b>Fire Station #4</b>				
FIN-Eth-T10	Ethernet Data Activated First-In Type 10 MCU	1	\$9,495.95	\$9,495.95
SDRM38V-SM	Dorm Remote Upgrade	13	\$450.00	\$5,850.00
SS-CI5C-M-OS	Company Indicator (Outside)	1	\$950.00	\$950.00
SS-OSA-D	Outside Speaker Audio Module (includes two speakers)	1	\$698.98	\$698.98
SS-AST-LF	Alerting Strobe Light Fixture	4	\$225.00	\$900.00
SS-SLA-4L	Alerting Strobe Light Adaptor	1	\$95.00	\$95.00
DL-STROBE-BB	Dorm Light/Strobe Light Back Box - Kit	4	\$34.50	\$138.00
SPC28-PL-1K2PS	Power Module Light w/ Hub & Spoke Controller & Dual Power Supplies	2	\$3,194.38	\$6,388.76
APP-DUAL-KL	Apparatus Bay Dual Knight Light Strips	21	\$1,354.60	\$28,446.60
SSAT-M	Satellight Controller	1	\$599.98	\$599.98
SSATKIT-TBD	Satellight Mounting Kit - TBD	1	\$48.00	\$48.00
SSPK-SW-M	Smart Station Speaker Switch	1	\$225.00	\$225.00
FIS-MOD	Information System Modulator	1	\$3,979.80	\$3,979.80
FIS-SDS-32-MAP	Information System 32" Non-Touch Display Point with Mapping	8	\$2,436.00	\$19,488.00
FIS-SDP-55-MAP	Information System 55" Non-Touch Screen Display Point with Mapping	2	\$3,385.00	\$6,770.00
	Equipment Removal (patching & painting by others)	1	\$185.00	\$185.00
				<b>\$84,259.07</b>
<b>Fire Station #5</b>				
FIN-Eth-T10	Ethernet Data Activated First-In Type 10 MCU	1	\$9,495.95	\$9,495.95

SDRM38V-FM	Dorm Remote Upgrade	15	\$450.00	\$6,750.00
SKL-LS	Knight Light Strip (7.5 ft.)	1	\$584.80	\$584.80
SS-CI5C-M-OS	Company Indicator (Outside)	3	\$950.00	\$2,850.00
SS-OSA-D	Outside Speaker Audio Module (includes two speakers)	3	\$698.98	\$2,096.94
SSAT-M	Satellight Controller	2	\$599.98	\$1,199.96
SSATKIT-TBD	Satellight Mounting Kit - TBD	2	\$48.00	\$96.00
SPC28-PL-1K2PS	Power Module Light w/ Hub & Spoke Controller & Dual Power Supplies	2	\$3,194.38	\$6,388.76
APP-DUAL-KL	Apparatus Bay Dual Knight Light Strips	18	\$1,354.60	\$24,382.80
FIS-MOD	Information System Modulator	1	\$3,979.80	\$3,979.80
FIS-SDS-32-MAP	Information System 32" Non-Touch Display Point with Mapping	11	\$2,436.00	\$26,796.00
	Equipment Removal (patching & painting by others)	4	\$185.00	\$740.00
				<b>\$85,361.01</b>

#### Fire Station #6

FIN-Eth-T10	Ethernet Data Activated First-In Type 10 MCU	1	\$9,495.95	\$9,495.95
SDRM38V-SM	Dorm Remote Upgrade	14	\$450.00	\$6,300.00
SKL-LS	Knight Light Strip (7.5 ft.)	1	\$584.80	\$584.80
SSAT-M	Satellight Controller	2	\$599.98	\$1,199.96
SSATKIT-TBD	Satellight Mounting Kit - TBD	2	\$48.00	\$96.00
SPC28-PL-1K2PS	Power Module Light w/ Hub & Spoke Controller & Dual Power Supplies	2	\$3,194.38	\$6,388.76
SPC28-HSL-1K2PS	Power Module w/ Dual Mode, UPS & Dual Power Supplies	1	\$3,194.38	\$3,194.38
APP-DUAL-KL	Apparatus Bay Dual Knight Light Strips	28	\$1,354.60	\$37,928.80
SS-CI5C-M-OS	Company Indicator (Outside)	7	\$950.00	\$6,650.00
SS-OSA-D	Outside Speaker Audio Module (includes two speakers)	7	\$698.98	\$4,892.86
SS-AST-LF	Alerting Strobe Light Fixture	8	\$225.00	\$1,800.00
DL-STROBE-BB	Dorm Light/Strobe Light Back Box - Kit	8	\$34.50	\$276.00
SS-SLA-4L	Alerting Strobe Light Adaptor	2	\$95.00	\$190.00
FIS-MOD	Information System Modulator	1	\$3,979.80	\$3,979.80
FIS-SDS-32-MAP	Information System 32" Non-Touch Display Point with Mapping	10	\$2,436.00	\$24,360.00
	Equipment Removal (patching & painting by others)	1	\$750.00	\$750.00
				<b>\$108,087.31</b>

#### Fire Station #9

FIN-Eth-T10	Ethernet Data Activated First-In Type 10 MCU	1	\$9,495.95	\$9,495.95
SDRM38V-SM	Dorm Remote Upgrade	11	\$450.00	\$4,950.00
	Doorbell	1	\$225.00	\$225.00
SS-CI5C-M-OS	Company Indicator (Outside)	3	\$950.00	\$2,850.00
SS-OSA-D	Outside Speaker Audio Module (includes two speakers)	3	\$698.98	\$2,096.94
SS-AST-LF	Alerting Strobe Light Fixture	4	\$225.00	\$900.00
DL-STROBE-BB	Dorm Light/Strobe Light Back Box - Kit	4	\$34.50	\$138.00
SS-SLA-4L	Alerting Strobe Light Adaptor	1	\$95.00	\$95.00
SSPK-SW-M	Smart Station Speaker Switch	1	\$225.00	\$225.00
APP-DUAL-KL	Apparatus Bay Dual Knight Light Strips	12	\$1,354.60	\$16,255.20
SPC28-PL-1K2PS	Power Module Light w/ Hub & Spoke Controller & Dual Power Supplies	1	\$3,194.38	\$3,194.38
FIS-MOD	Information System Modulator	1	\$3,979.80	\$3,979.80
FIS-SDS-32-MAP	Information System 32" Non-Touch Display Point with Mapping	7	\$2,436.00	\$17,052.00
	Equipment Removal (patching & painting by others)	3	\$185.00	\$555.00
				<b>\$62,012.27</b>

#### Dispatch

FIAP-AVD	First-In Automated Voice Dispatch System	1	\$28,500.00	\$28,500.00
FIAP-ISS	FIAP Information System Software	1	\$6,475.00	\$6,475.00

FIAP-AVD-EDT	First-In Automated Voice Dispatch Word Editor	1	\$3,245.00	\$3,245.00
	Test Enviroment with AVD	1	\$21,738.61	\$21,738.61
FRIC-LT	Radio Interface Controller (Lite) with 2 Keypads	1	\$15,872.00	\$15,872.00
	Station in a Box for VM Environment	1	\$17,785.39	\$17,785.39
				\$93,616.00

Equipment Total	\$604,579.15
Quote Discount (%)	
Install Supplies	\$20,405.00
Total Tax ( %)	\$0.00
Shipping and Handling	\$38,343.11
Station Equipment Install	\$201,900.95
Lift Rental	\$12,350.00
FiAP Install, Commissioning, and Testing	\$6,500.00
FiAP Training	\$4,230.00
One Year Toll Free Technical Support	\$30,228.96
Project Coordination	\$18,000.00
Special Engineering Services	\$8,000.00
<b>Total Amount</b>	<b>\$944,537.17</b>

**AGREEMENT NO. 243-11  
EXHIBIT C**

**NONDISCLOSURE AND DATA SECURITY AGREEMENT  
(CONTRACTOR)**

Westnet, Inc. (Contractor) hereby agrees that it will hold County information, documents, data, images, records and the like (hereafter "information") confidential and secure and to protect it against accidental loss, misuse, alteration, destruction or disclosure. This includes but is not limited to the information of the County, its employees, contractors, residents, taxpayers, and property and includes but is not limited to, data that the County shares with Contractor for testing, support, conversion or for support services.

Contractor agrees that it will maintain the security of the information and it will not divulge this information or allow or facilitate access to it by any unauthorized person, for any purpose, or any information obtained directly, or indirectly, as a result of its performance of the Work for Contract No. 243-11 in a manner that describes, locates or indexes anything about an individual including, but not limited to, his/her (hereinafter "his") real or personal property holdings, and his education, financial transactions, medical history, ancestry, religion, political ideology, criminal or employment record, social security number, tax status or payments, date of birth, address, phone number or that affords a basis of inferring personal characteristics, such as finger and voice prints, photographs, or things done by or to such individual, and the record of his presence, registration, or membership in an organization or activity, or admission to an institution.

Contractor also agrees that it will not directly or indirectly use or facilitate the use or dissemination of information (whether intentionally or by inadvertence, negligence or omission verbally, electronically, through paper transmission or otherwise), for any purpose other than that directly associated with its officially assigned duties pursuant to Contract No. 243-11. Contractor is aware that any unauthorized use or disclosure of information is prohibited and, in addition, may also constitute a violation of Virginia law (e.g., the Government Data Collection and Dissemination Practices Act, formerly called the Privacy Protection Act, Va. Code§ 2.2-3800 et seq., and the Secrecy of Information Act, Va. Code§ 58.1-3, which may be punishable by a jail sentence of up to six months and/or a fine of up to \$1,000.00.)

Contractor also agrees that it will not divulge or facilitate the divulgence to or access by any unauthorized person, for any purpose, of any confidential or proprietary information not related to the Work obtained directly, or indirectly, as a result of the performance of Work under Contract No. 243-11. Contractor also agrees that it will take strict security measures to ensure that information is not improperly stored, that if stored that it is encrypted both in transit and at rest, stored securely, and cannot be retrieved or accessed by non-authorized persons, and that any device or media on which data is stored, even temporarily, will have strict security and access control, and that it will not cause any such information to leave its work site or the County's physical facility, if working onsite. Contractor also agrees that it will not work

remotely or remove any information from its worksite or the County's physical facility without express written authorization of the County Project Officer. If so authorized, Contractor agrees and understands that it is responsible for the security of the electronic equipment or paper files on which the information is stored.

Contractor will ensure that any Contractor laptop, other equipment or media connected to the County network shall be free of all computer viruses and/or running the latest version of an industry standard virus protection program.

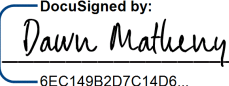
Contractor agrees that it will notify the County Project Officer immediately upon discovery or becoming aware or suspicious of any breach of this Agreement, County policy, Contractor's security system, or any unauthorized use or disclosure of the information, or any other breach of this Nondisclosure and Data Security Agreement, and Contractor will cooperate with the County in every way to help the County regain possession of any information and prevent its further unauthorized disclosure, use, or dissemination.

Contractor agrees that all duties and obligations enumerated in this agreement also extend to any and all employees, agents or subcontractors, including those employed by parent companies, sister companies, subsidiary companies, and/or other affiliates who are given access to County information. Breach of any of the above conditions by Contractor's employees, agents or subcontractors including those employed by parent companies, sister companies, subsidiary companies, and/or other affiliates shall be treated as a breach by Contractor.

Contractor agrees that it shall take all reasonable measures to ensure its employees, agents and subcontractors including those employed by parent companies, sister companies, subsidiary companies, and/or other affiliates are aware of and abide by the terms and conditions of this Agreement.

At the conclusion of the term of Contract No. 243-11, Contractor agrees to return all non-Contractor information to the County Project Officer.

This Agreement remains in full force and effect throughout the Contractor's Work on Contract No. 243-11 and shall survive termination of Contract No. 243-11.

Authorized Signature:  \_\_\_\_\_  
DocuSigned by:  
6EC149B2D7C14D6...  
Printed Name and Title: Dawn Matheny, Chief Financial Officer \_\_\_\_\_  
Date: 6/16/2020 \_\_\_\_\_

ARLINGTON COUNTY AGREEMENT 243-11  
EXHIBIT D  
SCOPE OF SERVICES-UPGRADE  
AS REVISED BY CONTRACT AMENDMENT 2

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## Introduction

The Contractor will refresh and upgrade the System including hardware and software. The Contractor will upgrade specific equipment that inhibits the system from working at its optimal level given advances in technology, while also standardizing best practices for configurations across the County for fire stations.

The major components of this upgrade include:

## Software Upgrades

- Automated Voice Dispatch
  - Configuration and on-going support for configuration.
- Configuration of 128-zone Capability
  - This is a new functionality gained from MCU hardware upgrade.
  - Configuration of the 128-zone.

## Provision of new Software

Following software shall be upgraded as part of the system upgrade:

Software Name	Software Purpose/Description	Version*
"First-In Automated Voice Dispatch System" (AVD)	AVD Software	3.7.0.0
AVD Word Editor	Administrative Software for Configuration	3.0.1.3

**\*Version reported by Vendor *December 2019***

Upon successful installation and passing of reliability period, software shall be covered by existing Maintenance Agreement.

All software upgrades shall be subject to the Software Change Control Methodology described in Exhibit A.

## Hardware Upgrades:

The detailed list of equipment and costs is included on the Contractor's quote, incorporated into the agreement in Exhibit B.

The details and locations of equipment can be found in technical drawings, which are incorporated into the agreement as an attachment to this Exhibit.

## Summary of Hardware upgrades

- Update of faceplate and boards within Dorm remotes.
- New Master Control Units (MCU's).
- Company indicators
  - Shall include the Tone Alert Module (TAM)
  - Shall include an outside speaker, which shall be configured to only sounds the pre-Alert.
- Information System displays with mapping and without mapping
  - These shall be non-touch screen endpoints.
- Knight Lights in key areas and Bays of all Fire Stations
- Addition of strobe lights in all weight rooms.

## Removal of obsolete equipment

The following equipment shall be removed by the Contractor:

- Remove all silencers
- Remove all turnout timers
- Any cable deemed too difficult to remove shall be abandoned in place.
- Any cable that can be removed easily whether it is new work or was previously abandoned shall be removed while work is completed by Contractor.
- County is responsible for any aesthetic restoration if desired, including but not limited to patching and painting required as part of the completion of this statement of work.

## Upgrade Project Schedule & Milestones

### Requirements Completion, Hardware Configuration & Delivery

The Contractor will provide the following information prior to the Kick-Off meeting:

- 1) Contractor will provide all Westnet Templates for completion by the County within 5 business days of the effective date of the Amendment
- 2) Westnet Templates shall include the following information:
  - a. IP Information
  - b. VPN Information
  - c. Fire Station Information
  - d. Vehicle Information
  - e. Vehicle Status Information
  - f. Call Type Information
  - g. Response Level Information
  - h. Email-SMS Contact Information
- 3) Contractor shall have 90 days from confirmation of successful submission by the County of all required templates to complete the following:
  - a. Factory Configuration and Provisioning
    - i. Configuration Sign-Off
    - ii. Dispatch Server and Workstation Staging
    - iii. RIC Configuration and Testing
    - iv. MCU Configuration and Testing
    - v. System Level Integration Testing
  - b. Shipment of equipment for each station, FOB to each station

## Installation

Installation of equipment for each station shall be completed by the Contractor:

- a. FiAP Information System Software Installation
- b. FiAP Automated Voice Dispatch System Install
- c. Fire Station Equipment Install (all Hardware)

## System Testing, Training & Acceptance

- 1) System Testing, Training & Acceptance shall begin and complete no later than 15 business days from completion of Equipment Configuration, Delivery & Installation.
- 2) System Testing by the Contractor and the County, and Acceptance by the County shall include integration testing of the following:
  - a. FiAP Information System Software Installation
  - b. FiAP Automated Voice Dispatch System Install
- 3) System Testing by the Contractor and the County, and Acceptance by the County shall include Acceptance Testing of each fire station.
- 4) System Training shall be provided by the Contractor and include the following core areas of training at a minimum:
  - a. Dispatcher Training
  - b. AVD Word Manager- Editor Training
  - c. Fire Station Personnel Training
- 5) Provision of As-Built Drawings for each fire station, including wiring and all hardware by the Contractor
- 6) The County will provide System Acceptance upon successful completion of all System Testing, System Training and receipt and approval of As-Built documentation.

## System Reliability

The Reliability Test Period, as part of the overall System acceptance requirements, is to demonstrate the operational capability and reliability of the System and System Components. \*\*

1. The Reliability Test Period will begin at the successful completion of System Testing, Training and Acceptance.
2. In order to complete the Reliability Test Period successfully the following must occur:
  - a. All Systems and System Components must demonstrate full availability for 90 consecutive calendar days.
  - b. System and System Component performance must continue to meet the Performance requirements of the Contract, as tested or verified by County personnel at any time.
3. If the System or any System Component falls below the required availability mark, the Reliability Test will be stopped. At this time the Contractor shall correct any deficiencies in preparation for a retest. If the deficiencies are of such severity that the retest cannot be initiated within fifteen (15) calendar days of the initial failure, the Contractor shall prepare a correction plan that details the reason for the failure and proposed correction.
4. The Contractor will have three (3) opportunities to complete the Reliability Test over a period of ninety (90) calendar days. In the event the Contractor is unable to complete the reliability testing within 90 calendar days from completion of System Testing, Training & Acceptance, the Contractor will forfeit the reliability payment.

**\*\*Reliability for Automated Voice Dispatch (AVD) will be conducted and treated separately from all other system components.**

WESTNET/FIRST IN SYSTEM LAYOUT REVIEW

PROJECT: ARLINGTON COUNTY FIRE STATION #1 UPGRADE

DEPARTMENT: ARLINGTON, VA    FIRE DEPARTMENT

DATE SUBMITTED: 01/20/2020

☒

Approved subject to notations and corrections as indicated.

—

Re-submit corrected Layout for our approval.

—

Re-submittal of Layout not required.

☐

Rejected/Re-submit Layout

Remarks: \_\_\_\_\_

DATE RETURNED: 1/24/2020

REVIEWED BY: D.F. \_\_\_\_\_

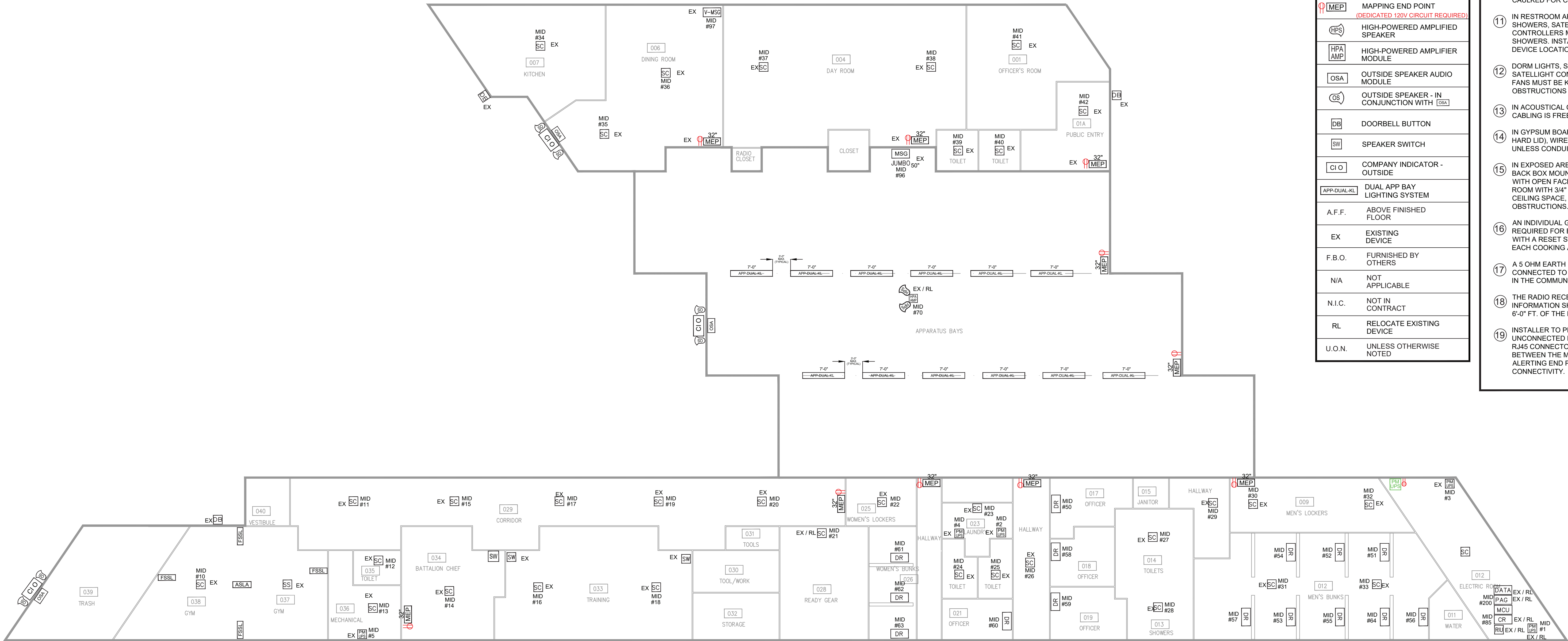
DEPT TITLE: ARLINGTON

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15542 Chemical Lane  
Huntington Beach, CA 92649

Phone: (714) 548-3500  
Fax: (714) 901-5610  
www.FirstInAlerting.com



FIRST-IN FIRE STATION ALERTING SYMBOL LEGEND	
<div>MCU</div>	MASTER CONTROL UNIT
<div>DLSP</div>	DATA LINE SURGE PROTECTOR
<div>CR</div>	CONTROL REMOTE
<div>RIU</div>	RADIO ISOLATION UNIT
<div>PAG</div>	STATION PAGING MODULE
<div>PM UPS</div>	POWER HUB-SPOKE & UPS-BLACK (REQUIRES 120V PWR)
<div>PM UPS</div>	POWER LIGHT CONTROLLER & UPS -GREEN (REQUIRES 120V PWR)
<div>SIL</div>	SILENCER
<div>SC</div>	SATELLIGHT CONTROLLER
<div>S</div>	SATELLIGHT
<div>DR</div>	DORM REMOTE UPGRADE
<div>VMSS</div>	VIDEO MESSENGER (REQUIRES 120V POWER)
<div>MSG</div>	JUMBO MESSENGER (REQUIRES 120V POWER)
<div>MEP</div>	MAPPING END POINT (DEDICATED 120V CIRCUIT REQUIRED)
<div>HPS</div>	HIGH-POWERED AMPLIFIED SPEAKER
<div>HPA AMP</div>	HIGH-POWERED AMPLIFIER MODULE
<div>OSA</div>	OUTSIDE SPEAKER AUDIO MODULE
<div>GS</div>	OUTSIDE SPEAKER - IN CONJUNCTION WITH OSA
<div>DB</div>	DOORBELL BUTTON
<div>SW</div>	SPEAKER SWITCH
<div>CIO</div>	COMPANY INDICATOR - OUTSIDE
<div>APP-DUAL-KL</div>	DUAL APP BAY LIGHTING SYSTEM
A.F.F.	ABOVE FINISHED FLOOR
EX	EXISTING DEVICE
F.B.O.	FURNISHED BY OTHERS
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
RL	RELOCATE EXISTING DEVICE
U.O.N.	UNLESS OTHERWISE NOTED

- GENERAL NOTES
- 1

WHERE INDICATED WIRING IN SHALL BE IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- 2

DEVICES ARE TYPICAL AND FOR REFERENCE ONLY.
- 3

ALL BACK BOXES & CONDUITS ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE SPECIFIED FOR NEW CONSTRUCTION.
- 4

DEVICES LOCATED IN ACOUSTICAL CEILINGS REQUIRE ACOUSTICAL WESTNET MOUNTING KIT (SSATKIT-A) FOR NEW CONSTRUCTION.
- 5

DEVICES ONLY LOCATED IN SHEETROCK OR EXPOSED CEILINGS REQUIRE APPROPRIATE WESTNET MOUNTING KIT (SURFACE MOUNT OR FLUSH MOUNT) FOR NEW CONSTRUCTION.
- 6

LOCATIONS OF DEVICES DETERMINED AT INSTALLATION BY INSTALLER FOR NEW CONSTRUCTION.
- 7

SEE ARCHITECTURAL SPECIFICATION FOR ALL ROUGH-IN AND INSTALLATION DETAILS FOR NEW CONSTRUCTION.
- 8

INSTALLER TO VERIFY WALL AND CEILING TYPE TO DETERMINE NEED FOR FLUSH OR SURFACE MOUNT INSTALLATION OF EQUIPMENT SPECIFIED FOR NEW CONSTRUCTION.
- 9

ALL WIRING AND DEVICES TO BE INSTALLED BY WESTNET.
- 10

ALL PENETRATION TO EXTERIOR DEVICES MUST BE WEATHERPROOF AND FIRE CAULKED FOR CONSTRUCTION.
- 11

IN RESTROOM APPLICATION WITH SHOWERS, SATELLIGHTS & / OR SATELLIGHT CONTROLLERS MUST BE VISIBLE FROM SHOWERS. INSTALLER TO FIELD VERIFY DEVICE LOCATION. (TYPICAL)
- 12

DORM LIGHTS, SATELLIGHTS, & OR SATELLIGHT CONTROLLERS NEAR CEILING FANS MUST BE KEPT CLEAR OF OBSTRUCTIONS & CEILING FAN BLADES.
- 13

IN ACOUSTICAL CEILING (T-BAR), WIRE CABLING IS FREE WIRE (NOT IN CONDUIT).
- 14

IN GYPSUM BOARD CEILING (SHEET ROCK / HARD LID), WIRE CABLING IN IN 3/4" CONDUIT UNLESS CONDUIT SIZE OTHERWISE NOTED.
- 15

IN EXPOSED AREAS ONLY 8X10X4 HOFFMAN BACK BOX MOUNTED AT +10'-0" A.F.F. MAX. WITH OPEN FACE DOWN IN CENTER OF ROOM WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. KEEP CLEAR OF OBSTRUCTIONS.
- 16

AN INDIVIDUAL GAS CONTROL VALVE IS REQUIRED FOR EACH COOKING APPLIANCE WITH A RESET SWITCH WITHIN 6'-0" FT. OF EACH COOKING APPLIANCE.
- 17

A 5 OHM EARTH GROUND MUST BE CONNECTED TO THE RADIO ISOLATION UNIT IN THE COMMUNICATION RACK.
- 18

THE RADIO RECEIVING THE DISPATCH INFORMATION SHALL BE LOCATED WITHIN 6'-0" FT. OF THE RADIO ISOLATION UNIT.
- 19

INSTALLER TO PROVIDE ONE ADDITIONAL UNCONNECTED BLUE CAT5 CABLE WITH RJ45 CONNECTORS ON BOTH ENDS BETWEEN THE MCU LOCATION AND EACH ALERTING END POINT FOR NETWORK CONNECTIVITY.

WESTNET®

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HUNTINGTON BEACH, CA 92649  
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BY

DATE

REVISION

REV

ARLINGTON 2019 UPGRADE

04/20/2020

SYB

FIRST-IN

ALERT SYSTEM

PROJECT NAME:

ARLINGTON COUNTY  
FIRE STATION #1  
500 S. GLEBE ROAD  
ARLINGTON, VA 22204

NOTE:  
IF THIS SCALE IS NOT 1" = 1'  
THIS SHEET IS NOT TO SCALE.

DATE: 12/18/19

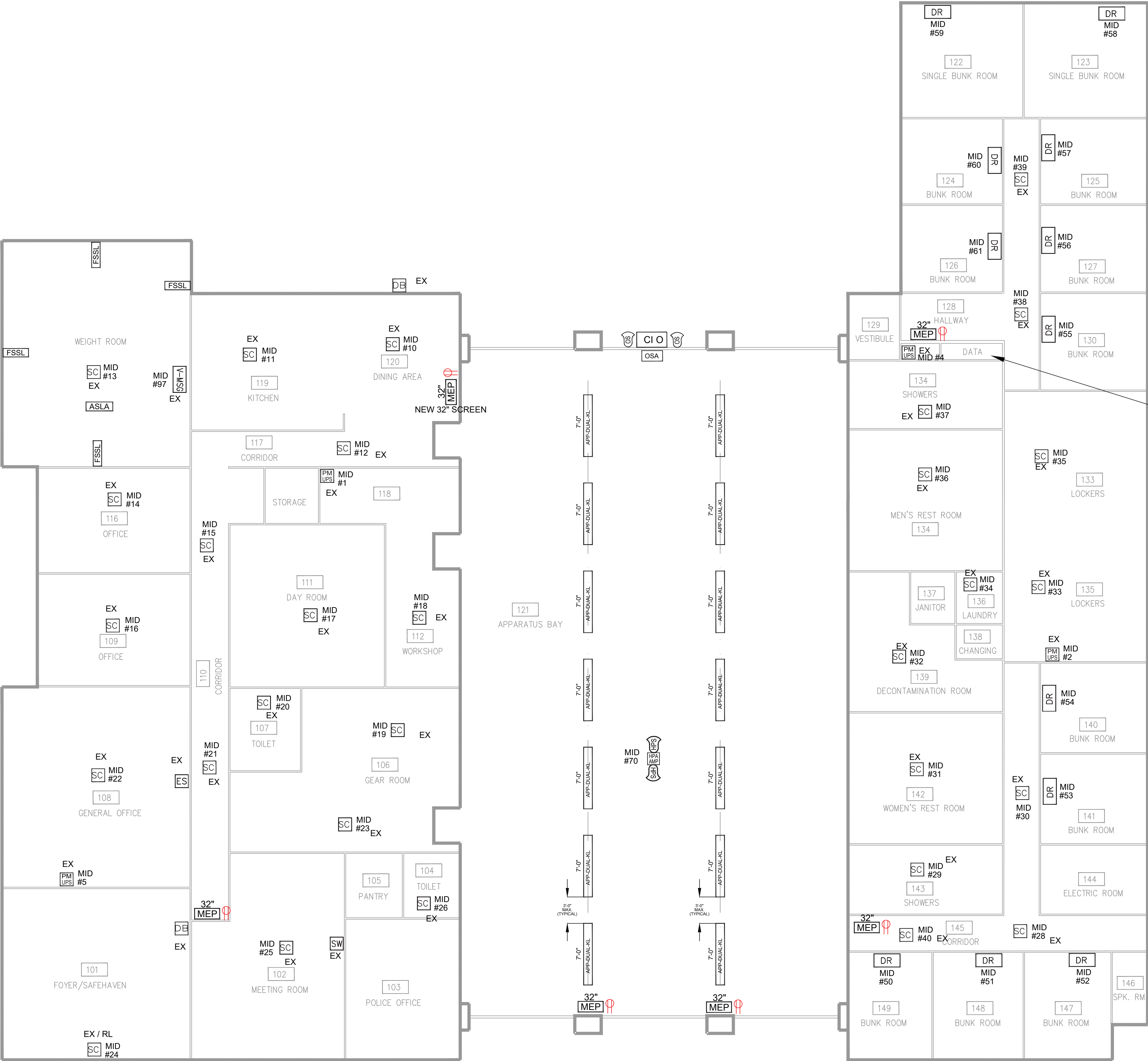
DRAWN BY: SYB

SCALE: N.T.S.

TITLE: DEVICE PLAN

SHEET

AS1.1



FIRST-IN FIRE STATION ALERTING SYMBOL LEGEND	
	MASTER CONTROL UNIT
	DATA LINE SURGE PROTECTOR
	CONTROL REMOTE
	RADIO ISOLATION UNIT
	STATION PAGING MODULE
	POWER HUB-SPOKE & UPS-BLACK (REQUIRES 120V PWR)
	POWER LIGHT CONTROLLER & UPS -GREEN (REQUIRES 120V PWR)
	STROBE LIGHT - IN CONJUNCTION WITH (ASA)
	ALERTING STROBE LIGHT ADAPTER
	SATELLIGHT CONTROLLER
	SATELLIGHT
	DORM REMOTE UPGRADE
	VIDEO MESSENGER (REQUIRES 120V POWER)
	JUMBO MESSENGER (REQUIRES 120V POWER)
	MAPPING END POINT (REQUIRES 120V POWER)
	HIGH-POWERED AMPLIFIED SPEAKER
	HIGH-POWERED AMPLIFIER MODULE
	DOORBELL BUTTON
	SPEAKER SWITCH
	COMPANY INDICATOR - OUTSIDE
	DUAL APP BAY LIGHTING SYSTEM
	OUTSIDE SPEAKER AUDIO MODULE
	OUTSIDE SPEAKER - IN CONJUNCTION WITH (OSA)
	ABOVE FINISHED FLOOR
	EXISTING DEVICE
	FURNISHED BY OTHERS
	NOT APPLICABLE
	NOT IN CONTRACT
	RELOCATE EXISTING DEVICE
	UNLESS OTHERWISE NOTED

- GENERAL NOTES
- 1

WHERE INDICATED WIRING IN SHALL BE IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- 2

DEVICES ARE TYPICAL AND FOR REFERENCE ONLY.
- 3

ALL BACK BOXES & CONDUITS ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE SPECIFIED FOR NEW CONSTRUCTION.
- 4

DEVICES LOCATED IN ACOUSTICAL CEILINGS REQUIRE ACOUSTICAL WESTNET MOUNTING KIT (SSATKIT-A) FOR NEW CONSTRUCTION.
- 5

DEVICES ONLY LOCATED IN SHEETROCK OR EXPOSED CEILINGS REQUIRE APPROPRIATE WESTNET MOUNTING KIT (SURFACE MOUNT OR FLUSH MOUNT) FOR NEW CONSTRUCTION.
- 6

LOCATIONS OF DEVICES DETERMINED AT INSTALLATION BY INSTALLER FOR NEW CONSTRUCTION.
- 7

SEE ARCHITECTURAL SPECIFICATION FOR ALL ROUGH-IN AND INSTALLATION DETAILS FOR NEW CONSTRUCTION.
- 8

INSTALLER TO VERIFY WALL AND CEILING TYPE TO DETERMINE NEED FOR FLUSH OR SURFACE MOUNT INSTALLATION OF EQUIPMENT SPECIFIED FOR NEW CONSTRUCTION.
- 9

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- 10

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- 11

IN RESTROOM APPLICATION WITH SHOWERS, SATELLIGHTS & / OR SATELLIGHT CONTROLLERS MUST BE VISIBLE FROM SHOWERS. INSTALLER TO FIELD VERIFY DEVICE LOCATION. (TYPICAL)
- 12

DORM LIGHTS, SATELLIGHTS, & OR SATELLIGHT CONTROLLERS NEAR CEILING FANS MUST BE KEPT CLEAR OF OBSTRUCTIONS & CEILING FAN BLADES.
- 13

IN ACOUSTICAL CEILING (T-BAR), WIRE CABLING IS FREE WIRE (NOT IN CONDUIT).
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IN GYPSUM BOARD CEILING (SHEET ROCK / HARD LID), WIRE CABLING IN IN 3/4" CONDUIT UNLESS CONDUIT SIZE OTHERWISE NOTED.
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- 16

AN INDIVIDUAL GAS CONTROL VALVE IS REQUIRED FOR EACH COOKING APPLIANCE WITH A RESET SWITCH WITHIN 6'-0" FT. OF EACH COOKING APPLIANCE.
- 17

A 5 OHM EARTH GROUND MUST BE CONNECTED TO THE RADIO ISOLATION UNIT IN THE COMMUNICATION RACK.
- 18

THE RADIO RECEIVING THE DISPATCH INFORMATION SHALL BE LOCATED WITHIN 6'-0" FT. OF THE RADIO ISOLATION UNIT.
- 19

INSTALLER TO PROVIDE ONE ADDITIONAL UNCONNECTED BLUE CAT5 CABLE WITH RJ45 CONNECTORS ON BOTH ENDS BETWEEN THE MCU LOCATION AND EACH ALERTING END POINT FOR NETWORK CONNECTIVITY.

WESTNET/FIRST IN SYSTEM LAYOUT REVIEW

PROJECT: ARLINGTON COUNTY FIRE STATION #2 UPGRADE

DEPARTMENT: ARLINGTON, VA FIRE DEPARTMENT

DATE SUBMITTED: 01/20/20

☒ Approved subject to notations and corrections as indicated.

Re-submit corrected Layout for our approval.

Re-submittal of Layout not required.

☐ Rejected/Re-submit Layout

Remarks: \_\_\_\_\_

DATE RETURNED: 01/24/2020

REVIEWED BY: D.F.

DEPT TITLE: ARLINGTON

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15542 Chemical Lane  
Huntington Beach, CA 92649

Phone: (714) 548-3500  
Fax: (714) 901-5610  
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ALERT SYSTEM

PROJECT NAME:

ARLINGTON COUNTY FIRE STATION # 2  
4805 WILSON BLVD.  
ARLINGTON, VA 22203

NOTE:  
IF THIS SCALE IS NOT 1" = 1'  
THIS SHEET IS NOT TO SCALE.

DATE: 12/18/19

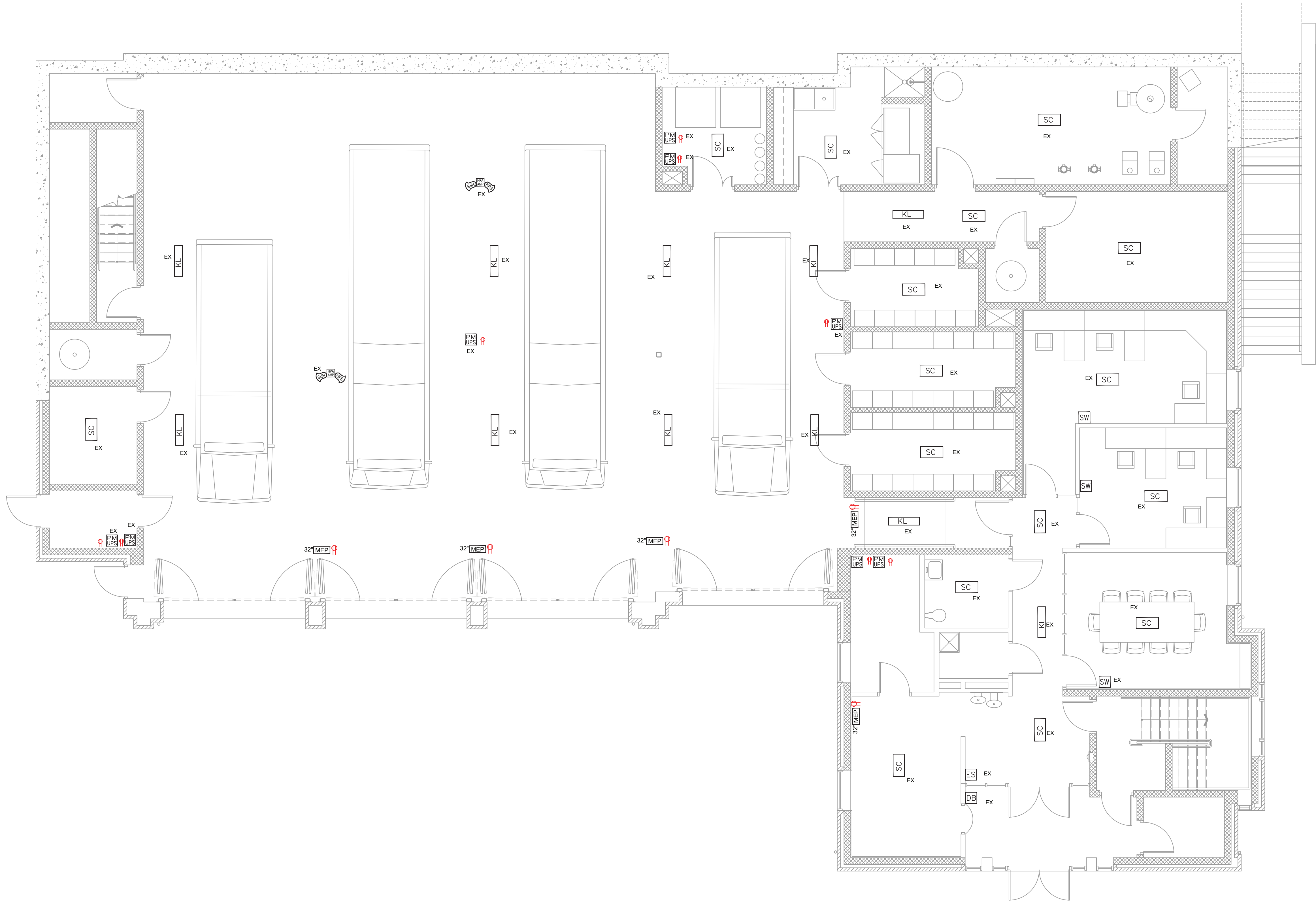
DRAWN BY: SYB

SCALE: N.T.S.

TITLE: DEVICE PLAN

SHEET

AS1.1



**ALERT SYSTEM - 1ST FLOOR DEVICE PLAN**  
SCALE: N.T.S.



FIRST-IN FIRE STATION ALERTING SYMBOL LEGEND	
	MASTER CONTROL UNIT
	DATA LINE SURGE PROTECTOR
	CONTROL REMOTE
	RADIO ISOLATION UNIT
	STATION PAGING MODULE
	POWER HUB-SPOKE & UPS-BLACK (DEDICATED 120V CIRCUIT REQUIRED)
	ALERTING STROBE LIGHT
	ALERTING STROBE LIGHT MODULE
	SATELLIGHT CONTROLLER
	SATELLIGHT
	DORM REMOTE UPGRADE
	DORM LIGHT
	VIDEO MESSENGER (DEDICATED 120V CIRCUIT REQUIRED)
	JUMBO MESSENGER (DEDICATED 120V CIRCUIT REQUIRED)
	MAPPING END POINT (DEDICATED 120V CIRCUIT REQUIRED)
	HIGH-POWERED AMPLIFIED SPEAKER
	HIGH-POWERED AMPLIFIER MODULE
	DOORBELL BUTTON
	SPEAKER SWITCH
	EMERGENCY SWITCH
	COMPANY INDICATOR - MED.
	KNIGHT LIGHT - SINGLE
	OUTSIDE SPEAKER AUDIO MODULE
	OUTSIDE SPEAKER - IN CONJUNCTION WITH
A.F.F.	ABOVE FINISHED FLOOR
EX	EXISTING DEVICE
F.B.O.	FURNISHED BY OTHERS
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
RL	RELOCATE EXISTING DEVICE
U.O.N.	UNLESS OTHERWISE NOTED

GENERAL NOTES	
①	WHERE INDICATED WIRING IN SHALL BE IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
②	DEVICES ARE TYPICAL AND FOR REFERENCE ONLY.
③	ALL BACK BOXES & CONDUITS ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE SPECIFIED FOR NEW CONSTRUCTION.
④	DEVICES LOCATED IN ACOUSTICAL CEILINGS REQUIRE ACOUSTICAL WESTNET MOUNTING KIT (SSATKIT-A) FOR NEW CONSTRUCTION.
⑤	DEVICES ONLY LOCATED IN SHEETROCK OR EXPOSED CEILINGS REQUIRE APPROPRIATE WESTNET MOUNTING KIT (SURFACE MOUNT OR FLUSH MOUNT) FOR NEW CONSTRUCTION.
⑥	LOCATIONS OF DEVICES DETERMINED AT INSTALLATION BY INSTALLER FOR NEW CONSTRUCTION.
⑦	SEE ARCHITECTURAL SPECIFICATION FOR ALL ROUGH-IN AND INSTALLATION DETAILS FOR NEW CONSTRUCTION.
⑧	INSTALLER TO VERIFY WALL AND CEILING TYPE TO DETERMINE NEED FOR FLUSH OR SURFACE MOUNT INSTALLATION OF EQUIPMENT SPECIFIED FOR NEW CONSTRUCTION.
⑨	ALL WIRING AND DEVICES TO BE INSTALLED BY WESTNET.
⑩	ALL PENETRATION TO EXTERIOR DEVICES MUST BE WEATHERPROOF AND FIRE CAULKED FOR CONSTRUCTION.
⑪	IN RESTROOM APPLICATION WITH SHOWERS, SATELLIGHTS & / OR SATELLIGHT CONTROLLERS MUST BE VISIBLE FROM SHOWERS. INSTALLER TO FIELD VERIFY DEVICE LOCATION. (TYPICAL)
⑫	DORM LIGHTS, SATELLIGHTS, & OR SATELLIGHT CONTROLLERS NEAR CEILING FANS MUST BE KEPT CLEAR OF OBSTRUCTIONS & CEILING FAN BLADES.
⑬	IN ACOUSTICAL CEILING (T-BAR), WIRE CABLING IS FREE WIRE (NOT IN CONDUIT).
⑭	IN GYPSUM BOARD CEILING (SHEET ROCK / HARD LID), WIRE CABLING IN 3/4" CONDUIT UNLESS CONDUIT SIZE OTHERWISE NOTED.
⑮	IN EXPOSED AREAS ONLY 8X10X4 HOFFMAN BACK BOX MOUNTED AT +10'-0" A.F.F. MAX. WITH OPEN FACE DOWN IN CENTER OF ROOM WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. KEEP CLEAR OF OBSTRUCTIONS.
⑯	AN INDIVIDUAL GAS CONTROL VALVE IS REQUIRED FOR EACH COOKING APPLIANCE WITH A RESET SWITCH WITHIN 6'-0" FT. OF EACH COOKING APPLIANCE.
⑰	A 5 OHM EARTH GROUND MUST BE CONNECTED TO THE RADIO ISOLATION UNIT IN THE COMMUNICATION RACK.
⑱	THE RADIO RECEIVING THE DISPATCH INFORMATION SHALL BE LOCATED WITHIN 6'-0" FT. OF THE RADIO ISOLATION UNIT.
⑲	INSTALLER TO PROVIDE ONE ADDITIONAL UNCONNECTED BLUE CATS CABLE WITH RJ45 CONNECTORS ON BOTH ENDS BETWEEN THE MCU LOCATION AND EACH ALERTING END POINT FOR NETWORK CONNECTIVITY.

**WESTNET/FIRST IN SYSTEM LAYOUT REVIEW**

PROJECT: ARLINGTON COUNTY FIRE STATION #3 UPGRADE

DEPARTMENT: ARLINGTON, VA FIRE DEPARTMENT

DATE SUBMITTED: 01/20/20

- ☒ Approved subject to notations and corrections as indicated.
- \_\_\_\_\_ Re-submit corrected Layout for our approval.
- \_\_\_\_\_ Re-submittal of Layout not required.

☐ Rejected/Re-submit Layout

Remarks: \_\_\_\_\_

DATE RETURNED: 1/24/2020

REVIEWED BY: D.P.

DEPT TITLE: ARLINGTON

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REV	REVISION	DATE	BY
1	ARLINGTON 2019 UPGRADE	04/28/2020	SYB



**ALERT SYSTEM**

ARLINGTON COUNTY  
FIRE STATION # 3  
4100 OLD DOMINION DRIVE  
ARLINGTON, VA 22207

PROJECT NAME:

NOTE:  
IF THIS SCALE IS NOT 1",  
THIS SHEET IS NOT TO SCALE.

DATE: 12/18/19

DRAWN BY: SYB

SCALE: N.T.S.

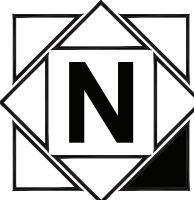
TITLE: DEVICE PLAN

SHEET

AS1.1



**ALERT SYSTEM - 2ND FLOOR DEVICE PLAN**  
SCALE: N.T.S.



FIRST-IN FIRE STATION ALERTING SYMBOL LEGEND	
	MASTER CONTROL UNIT
	DATA LINE SURGE PROTECTOR
	CONTROL REMOTE
	RADIO ISOLATION UNIT
	STATION PAGING MODULE
	POWER HUB-SPOKE & UPS-BLACK (DEDICATED 120V CIRCUIT REQUIRED)
	ALERTING STROBE LIGHT
	ALERTING STROBE LIGHT MODULE
	SATELLIGHT CONTROLLER
	SATELLIGHT
	DORM REMOTE UPGRADE
	DORM LIGHT
	VIDEO MESSENGER (DEDICATED 120V CIRCUIT REQUIRED)
	JUMBO MESSENGER (DEDICATED 120V CIRCUIT REQUIRED)
	MAPPING END POINT (DEDICATED 120V CIRCUIT REQUIRED)
	HIGH-POWERED AMPLIFIED SPEAKER
	HIGH-POWERED AMPLIFIER MODULE
	DOORBELL BUTTON
	SPEAKER SWITCH
	EMERGENCY SWITCH
	COMPANY INDICATOR - MED.
	KNIGHT LIGHT - SINGLE
	OUTSIDE SPEAKER AUDIO MODULE
	OUTSIDE SPEAKER - IN CONJUNCTION WITH
A.F.F.	ABOVE FINISHED FLOOR
EX	EXISTING DEVICE
F.B.O.	FURNISHED BY OTHERS
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
RL	RELOCATE EXISTING DEVICE
U.O.N.	UNLESS OTHERWISE NOTED

- ### GENERAL NOTES
- WHERE INDICATED WIRING IN SHALL BE IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
  - DEVICES ARE TYPICAL AND FOR REFERENCE ONLY.
  - ALL BACK BOXES & CONDUITS ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE SPECIFIED FOR NEW CONSTRUCTION.
  - DEVICES LOCATED IN ACOUSTICAL CEILINGS REQUIRE ACOUSTICAL WESTNET MOUNTING KIT (SSATKIT-A) FOR NEW CONSTRUCTION.
  - DEVICES ONLY LOCATED IN SHEETROCK OR EXPOSED CEILINGS REQUIRE APPROPRIATE WESTNET MOUNTING KIT (SURFACE MOUNT OR FLUSH MOUNT) FOR NEW CONSTRUCTION.
  - LOCATIONS OF DEVICES DETERMINED AT INSTALLATION BY INSTALLER FOR NEW CONSTRUCTION.
  - SEE ARCHITECTURAL SPECIFICATION FOR ALL ROUGH-IN AND INSTALLATION DETAILS FOR NEW CONSTRUCTION.
  - INSTALLER TO VERIFY WALL AND CEILING TYPE TO DETERMINE NEED FOR FLUSH OR SURFACE MOUNT INSTALLATION OF EQUIPMENT SPECIFIED FOR NEW CONSTRUCTION.
  - ALL WIRING AND DEVICES TO BE INSTALLED BY WESTNET.
  - ALL PENETRATION TO EXTERIOR DEVICES MUST BE WEATHERPROOF AND FIRE CAULKED FOR CONSTRUCTION.
  - IN RESTROOM APPLICATION WITH SHOWERS, SATELLIGHTS & / OR SATELLIGHT CONTROLLERS MUST BE VISIBLE FROM SHOWERS. INSTALLER TO FIELD VERIFY DEVICE LOCATION. (TYPICAL)
  - DORM LIGHTS, SATELLIGHTS, & OR SATELLIGHT CONTROLLERS NEAR CEILING FANS MUST BE KEPT CLEAR OF OBSTRUCTIONS & CEILING FAN BLADES.
  - IN ACOUSTICAL CEILING (T-BAR), WIRE CABLING IS FREE WIRE (NOT IN CONDUIT).
  - IN GYPSUM BOARD CEILING (SHEET ROCK / HARD LID), WIRE CABLING IN 3/4" CONDUIT UNLESS CONDUIT SIZE OTHERWISE NOTED.
  - IN EXPOSED AREAS ONLY 8X10X4 HOFFMAN BACK BOX MOUNTED AT +10'-0" A.F.F. MAX. WITH OPEN FACE DOWN IN CENTER OF ROOM WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. KEEP CLEAR OF OBSTRUCTIONS.
  - AN INDIVIDUAL GAS CONTROL VALVE IS REQUIRED FOR EACH COOKING APPLIANCE WITH A RESET SWITCH WITHIN 6'-0" FT. OF EACH COOKING APPLIANCE.
  - A 5 OHM EARTH GROUND MUST BE CONNECTED TO THE RADIO ISOLATION UNIT IN THE COMMUNICATION RACK.
  - THE RADIO RECEIVING THE DISPATCH INFORMATION SHALL BE LOCATED WITHIN 6'-0" FT. OF THE RADIO ISOLATION UNIT.
  - INSTALLER TO PROVIDE ONE ADDITIONAL UNCONNECTED BLUE CAT5 CABLE WITH RJ45 CONNECTORS ON BOTH ENDS BETWEEN THE MCU LOCATION AND EACH ALERTING END POINT FOR NETWORK CONNECTIVITY.

<b>WESTNET/FIRST IN SYSTEM LAYOUT REVIEW</b>	
PROJECT: ARLINGTON COUNTY FIRE STATION #3 UPGRADE	
DEPARTMENT: ARLINGTON, VA FIRE DEPARTMENT	
DATE SUBMITTED: 01/20/20	
<input checked="" type="checkbox"/> Approved subject to notations and corrections as indicated.	
<input type="checkbox"/> Re-submit corrected Layout for our approval.	
<input type="checkbox"/> Re-submittal of Layout not required.	
<input type="checkbox"/> Rejected/Re-submit Layout	
Remarks: _____	
DATE RETURNED: 1/24/2020	
REVIEWED BY: D.P.	
DEPT TITLE: ARLINGTON	
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ARLINGTON COUNTY  
FIRE STATION # 3  
4100 OLD DOMINION DRIVE  
ARLINGTON, VA 22207

PROJECT NAME:

NOTE:  
IF THIS SCALE IS NOT 1":  
THIS SHEET IS NOT TO SCALE.

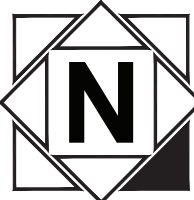
DATE: 12/18/19  
DRAWN BY: SYB  
SCALE: N.T.S.  
TITLE: DEVICE PLAN  
SHEET

AS1.2





**ALERT SYSTEM - 1ST FLOOR DEVICE PLAN**  
SCALE: N.T.S.



FIRST-IN FIRE STATION ALERTING SYMBOL LEGEND	
	MASTER CONTROL UNIT
	DATA LINE SURGE PROTECTOR
	CONTROL REMOTE
	RADIO ISOLATION UNIT
	STATION PAGING MODULE
	POWER HUB-SPOKE & UPS-BLACK (REQUIRES 120V PWR)
	POWER LIGHT CONTROLLER & UPS -GREEN (REQUIRES 120V PWR)
	SATELLIGHT CONTROLLER
	SATELLIGHT
	DORM REMOTE UPGRADE
	DORM LIGHT
	MAPPING END POINT (REQUIRES 120V POWER)
	HIGH-POWERED AMPLIFIER MODULE / SPEAKER
	DOORBELL BUTTON
	COMPANY INDICATOR - OUTSIDE
	DUAL APP BAY LIGHTING SYSTEM
	ACTIVE-X-IT LIGHT STRIP
	KNIGHT LIGHT STRIP (SINGLE)
	OUTSIDE SPEAKER AUDIO MODULE
	OUTSIDE SPEAKER - IN CONJUNCTION WITH OSA
A.F.F.	ABOVE FINISHED FLOOR
EX	EXISTING DEVICE
F.B.O.	FURNISHED BY OTHERS
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
RL	RELOCATE EXISTING DEVICE
U.O.N.	UNLESS OTHERWISE NOTED

- GENERAL NOTES**
- WHERE INDICATED WIRING IN SHALL BE IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
  - DEVICES ARE TYPICAL AND FOR REFERENCE ONLY.
  - ALL BACK BOXES & CONDUITS ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE SPECIFIED FOR NEW CONSTRUCTION.
  - DEVICES LOCATED IN ACOUSTICAL CEILINGS REQUIRE ACOUSTICAL WESTNET MOUNTING KIT (SSATKIT-A) FOR NEW CONSTRUCTION.
  - DEVICES ONLY LOCATED IN SHEETROCK OR EXPOSED CEILINGS REQUIRE APPROPRIATE WESTNET MOUNTING KIT (SURFACE MOUNT OR FLUSH MOUNT) FOR NEW CONSTRUCTION.
  - LOCATIONS OF DEVICES DETERMINED AT INSTALLATION BY INSTALLER FOR NEW CONSTRUCTION.
  - SEE ARCHITECTURAL SPECIFICATION FOR ALL ROUGH-IN AND INSTALLATION DETAILS FOR NEW CONSTRUCTION.
  - INSTALLER TO VERIFY WALL AND CEILING TYPE TO DETERMINE NEED FOR FLUSH OR SURFACE MOUNT INSTALLATION OF EQUIPMENT SPECIFIED FOR NEW CONSTRUCTION.
  - ALL WIRING AND DEVICES TO BE INSTALLED BY WESTNET.
  - ALL PENETRATION TO EXTERIOR DEVICES MUST BE WEATHERPROOF AND FIRE CAULKED FOR CONSTRUCTION.
  - IN RESTROOM APPLICATION WITH SHOWERS, SATELLIGHTS & / OR SATELLIGHT CONTROLLERS MUST BE VISIBLE FROM SHOWERS. INSTALLER TO FIELD VERIFY DEVICE LOCATION. (TYPICAL)
  - DORM LIGHTS, SATELLIGHTS, & OR SATELLIGHT CONTROLLERS NEAR CEILING FANS MUST BE KEPT CLEAR OF OBSTRUCTIONS & CEILING FAN BLADES.
  - IN ACOUSTICAL CEILING (T-BAR), WIRE CABLING IS FREE WIRE (NOT IN CONDUIT).
  - IN GYPSUM BOARD CEILING (SHEET ROCK / HARD LID), WIRE CABLING IN 3/4" CONDUIT UNLESS CONDUIT SIZE OTHERWISE NOTED.
  - IN EXPOSED AREAS ONLY 8X10X4 HOFFMAN BACK BOX MOUNTED AT +10'-0" A.F.F. MAX. WITH OPEN FACE DOWN IN CENTER OF ROOM WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. KEEP CLEAR OF OBSTRUCTIONS.
  - AN INDIVIDUAL GAS CONTROL VALVE IS REQUIRED FOR EACH COOKING APPLIANCE WITH A RESET SWITCH WITHIN 6'-0" FT. OF EACH COOKING APPLIANCE.
  - A 5 OHM EARTH GROUND MUST BE CONNECTED TO THE RADIO ISOLATION UNIT IN THE COMMUNICATION RACK.
  - THE RADIO RECEIVING THE DISPATCH INFORMATION SHALL BE LOCATED WITHIN 6'-0" FT. OF THE RADIO ISOLATION UNIT.
  - INSTALLER TO PROVIDE ONE ADDITIONAL UNCONNECTED BLUE CAT5 CABLE WITH RJ45 CONNECTORS ON BOTH ENDS BETWEEN THE MCU LOCATION AND EACH ALERTING END POINT FOR NETWORK CONNECTIVITY.

**WESTNET/FIRST IN SYSTEM LAYOUT REVIEW**

PROJECT: ARLINGTON COUNTY FIRE STATION # 5 UPGRADE  
DEPARTMENT: ARLINGTON, VA FIRE DEPARTMENT  
DATE SUBMITTED: 01/20/20

☒ Approved subject to notations and corrections as indicated.  
\_\_\_\_ Re-submit corrected Layout for our approval.  
\_\_\_\_ Re-submittal of Layout not required.

☐ Rejected/Re-submit Layout  
Remarks: \_\_\_\_\_

DATE RETURNED: 1-24-2020

REVIEWED BY: D.F.  
DEPT TITLE: ARLINGTON

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Westnet, Inc.  
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Fax: (714) 901-5610  
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REV	DATE	BY
ARLINGTON 2019 UPGRADE	04/20/2020	SYB



**ALERT SYSTEM**

**ARLINGTON COUNTY  
FIRE STATION # 5**  
1750 S. HAYES STREET  
ARLINGTON, VA 22202

PROJECT NAME:

NOTE:  
IF THIS SCALE IS NOT 1":  
THIS SHEET IS NOT TO SCALE.

DATE: 12/18/19

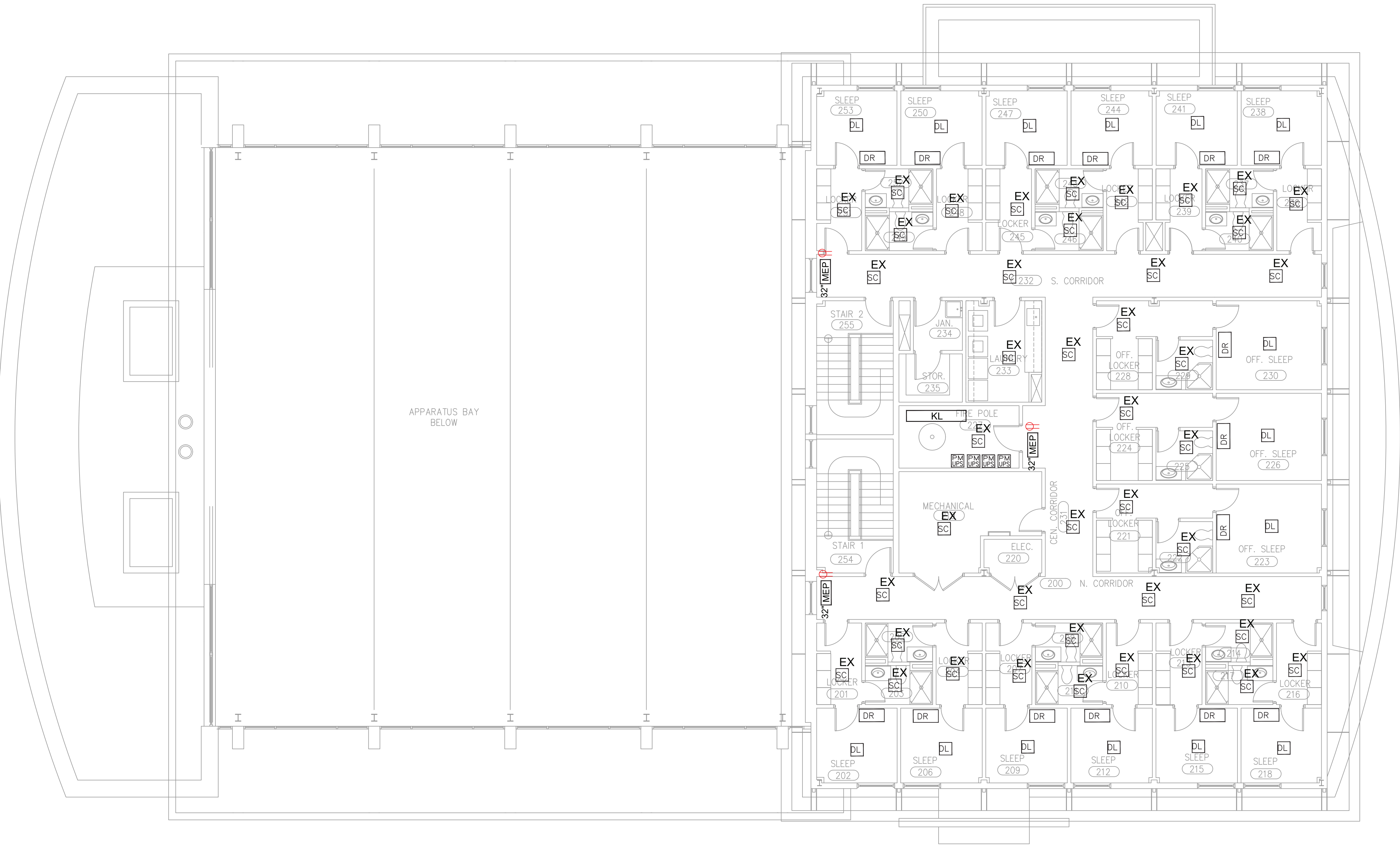
DRAWN BY: SYB

SCALE: N.T.S.

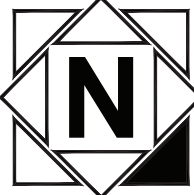
TITLE: DEVICE PLAN

SHEET

AS1.1



**ALERT SYSTEM - 2ND FLOOR DEVICE PLAN**  
SCALE: N.T.S.



FIRST-IN FIRE STATION ALERTING SYMBOL LEGEND	
	MASTER CONTROL UNIT
	DATA LINE SURGE PROTECTOR
	CONTROL REMOTE
	RADIO ISOLATION UNIT
	STATION PAGING MODULE
	POWER HUB-SPOKE & UPS-BLACK (REQUIRES 120V PWR)
	POWER LIGHT CONTROLLER & UPS -GREEN (REQUIRES 120V PWR)
	SATELLIGHT CONTROLLER
	SATELLIGHT
	DORM REMOTE UPGRADE
	DORM LIGHT
	MAPPING END POINT (REQUIRES 120V POWER)
	HIGH-POWERED AMPLIFIER MODULE / SPEAKER
	DOORBELL BUTTON
	COMPANY INDICATOR - OUTSIDE
	DUAL APP BAY LIGHTING SYSTEM
	ACTIVE-X-IT LIGHT STRIP
	KNIGHT LIGHT STRIP (SINGLE)
	OUTSIDE SPEAKER AUDIO MODULE
	OUTSIDE SPEAKER - IN CONJUNCTION WITH OSA
A.F.F.	ABOVE FINISHED FLOOR
EX	EXISTING DEVICE
F.B.O.	FURNISHED BY OTHERS
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
RL	RELOCATE EXISTING DEVICE
U.O.N.	UNLESS OTHERWISE NOTED

**GENERAL NOTES**

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- DEVICES ONLY LOCATED IN SHEETROCK OR EXPOSED CEILINGS REQUIRE APPROPRIATE WESTNET MOUNTING KIT (SURFACE MOUNT OR FLUSH MOUNT) FOR NEW CONSTRUCTION.
- LOCATIONS OF DEVICES DETERMINED AT INSTALLATION BY INSTALLER FOR NEW CONSTRUCTION.
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- DORM LIGHTS, SATELLIGHTS, & OR SATELLIGHT CONTROLLERS NEAR CEILING FANS MUST BE KEPT CLEAR OF OBSTRUCTIONS & CEILING FAN BLADES.
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- INSTALLER TO PROVIDE ONE ADDITIONAL UNCONNECTED BLUE CAT5 CABLE WITH RJ45 CONNECTORS ON BOTH ENDS BETWEEN THE MCU LOCATION AND EACH ALERTING END POINT FOR NETWORK CONNECTIVITY.

**WESTNET/FIRST IN SYSTEM LAYOUT REVIEW**

PROJECT: ARLINGTON COUNTY FIRE STATION # 5 UPGRADE  
DEPARTMENT: ARLINGTON, VA FIRE DEPARTMENT  
DATE SUBMITTED: 01/20/20

- ☒ Approved subject to notations and corrections as indicated.
- \_\_\_\_\_ Re-submit corrected Layout for our approval.
- \_\_\_\_\_ Re-submittal of Layout not required.

☐ Rejected/Re-submit Layout  
Remarks: \_\_\_\_\_

DATE RETURNED: 1-24-2020

REVIEWED BY: D.F.  
DEPT TITLE: ARLINGTON

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BY	DATE	REVISION	REV
SYB	04/20/2020	ARLINGTON 2019 UPGRADE	



ALERT  
SYSTEM

ARLINGTON COUNTY  
FIRE STATION # 5  
1750 S. HAYES STREET  
ARLINGTON, VA 22202

PROJECT NAME:

NOTE:  
IF THIS SCALE IS NOT 1",  
THIS SHEET IS NOT TO SCALE.

DATE: 12/18/19

DRAWN BY: SYB

SCALE: N.T.S.

TITLE: DEVICE PLAN

SHEET

AS1.2



FIRST-IN FIRE STATION ALERTING SYMBOL LEGEND	
	MASTER CONTROL UNIT
	DATA LINE SURGE PROTECTOR
	CONTROL REMOTE
	RADIO ISOLATION UNIT
	STATION PAGING MODULE
	POWER HUB-SPOKE & UPS-BLACK (REQUIRES 120V PWR)
	POWER LIGHT CONTROLLER & UPS-GREEN (REQUIRES 120V PWR)
	POWER DUAL MODE & UPS-BLUE (REQUIRES 120V PWR)
	SATELLIGHT CONTROLLER
	SATELLIGHT
	DORM REMOTE UPGRADE
	DORM LIGHT
	MAPPING END POINT (REQUIRES 120V POWER)
	HIGH-POWERED AMPLIFIER MODULE / SPEAKER
	DOORBELL BUTTON
	SPEAKER SWITCH
	EMERGENCY SWITCH
	COMPANY INDICATOR - OUTSIDE
	STROBE LIGHT - IN CONJUNCTION WITH (ASLA)
	ALERTING STROBE LIGHT ADAPTER
	DUAL APP BAY LIGHTING SYSTEM
	ACTIVE-X-IT LIGHT STRIP
	KNIGHT LIGHT STRIP (SINGLE)
	OUTSIDE SPEAKER AUDIO MODULE
	OUTSIDE SPEAKER - IN CONJUNCTION WITH (OSA)
	ABOVE FINISHED FLOOR
	EXISTING DEVICE
	FURNISHED BY OTHERS
	NOT APPLICABLE
	NOT IN CONTRACT
	RELOCATE EXISTING DEVICE
	UNLESS OTHERWISE NOTED

- GENERAL NOTES
- 1

WHERE INDICATED WIRING IN SHALL BE IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- 2

DEVICES ARE TYPICAL AND FOR REFERENCE ONLY.
- 3

ALL BACK BOXES & CONDUITS ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE SPECIFIED FOR NEW CONSTRUCTION.
- 4

DEVICES LOCATED IN ACOUSTICAL CEILINGS REQUIRE ACOUSTICAL WESTNET MOUNTING KIT (SSATKIT-A) FOR NEW CONSTRUCTION.
- 5

DEVICES ONLY LOCATED IN SHEETROCK OR EXPOSED CEILINGS REQUIRE APPROPRIATE WESTNET MOUNTING KIT (SURFACE MOUNT OR FLUSH MOUNT) FOR NEW CONSTRUCTION.
- 6

LOCATIONS OF DEVICES DETERMINED AT INSTALLATION BY INSTALLER FOR NEW CONSTRUCTION.
- 7

SEE ARCHITECTURAL SPECIFICATION FOR ALL ROUGH-IN AND INSTALLATION DETAILS FOR NEW CONSTRUCTION.
- 8

INSTALLER TO VERIFY WALL AND CEILING TYPE TO DETERMINE NEED FOR FLUSH OR SURFACE MOUNT INSTALLATION OF EQUIPMENT SPECIFIED FOR NEW CONSTRUCTION.
- 9

ALL WIRING AND DEVICES TO BE INSTALLED BY WESTNET.
- 10

ALL PENETRATION TO EXTERIOR DEVICES MUST BE WEATHERPROOF AND FIRE CAULKED FOR CONSTRUCTION.
- 11

IN RESTROOM APPLICATION WITH SHOWERS, SATELLIGHTS & / OR SATELLIGHT CONTROLLERS MUST BE VISIBLE FROM SHOWERS. INSTALLER TO FIELD VERIFY DEVICE LOCATION. (TYPICAL)
- 12

DORM LIGHTS, SATELLIGHTS, & OR SATELLIGHT CONTROLLERS NEAR CEILING FANS MUST BE KEPT CLEAR OF OBSTRUCTIONS & CEILING FAN BLADES.
- 13

IN ACOUSTICAL CEILING (T-BAR), WIRE CABLING IS FREE WIRE (NOT IN CONDUIT).
- 14

IN GYPSUM BOARD CEILING (SHEET ROCK / HARD LID), WIRE CABLING IN 3/4" CONDUIT UNLESS CONDUIT SIZE OTHERWISE NOTED.
- 15

IN EXPOSED AREAS ONLY 8X10X4 HOFFMAN BACK BOX MOUNTED AT +10'-0" A.F.F. MAX. WITH OPEN FACE DOWN IN CENTER OF ROOM WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE. KEEP CLEAR OF OBSTRUCTIONS.
- 16

AN INDIVIDUAL GAS CONTROL VALVE IS REQUIRED FOR EACH COOKING APPLIANCE WITH A RESET SWITCH WITHIN 6'-0" FT. OF EACH COOKING APPLIANCE.
- 17

A 5 OHM EARTH GROUND MUST BE CONNECTED TO THE RADIO ISOLATION UNIT IN THE COMMUNICATION RACK.
- 18

THE RADIO RECEIVING THE DISPATCH INFORMATION SHALL BE LOCATED WITHIN 6'-0" FT. OF THE RADIO ISOLATION UNIT.
- 19

INSTALLER TO PROVIDE ONE ADDITIONAL UNCONNECTED BLUE CAT5 CABLE WITH RJ45 CONNECTORS ON BOTH ENDS BETWEEN THE MCU LOCATION AND EACH ALERTING END POINT FOR NETWORK CONNECTIVITY.

WESTNET/FIRST IN SYSTEM LAYOUT REVIEW

PROJECT: ARLINGTON COUNTY FIRE STATION # 6 UPGRADE

DEPARTMENT: ARLINGTON, VA FIRE DEPARTMENT

DATE SUBMITTED: 01/20/20

☒ Approved subject to notations and corrections as indicated.

Re-submit corrected Layout for our approval.

Re-submittal of Layout not required.

☐ Rejected/Re-submit Layout

Remarks: \_\_\_\_\_

DATE RETURNED: 1-24-2020

REVIEWED BY: D.F. \_\_\_\_\_

DEPT TITLE: ARLINGTON

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Fax: (714) 901-5610  
www.FirstInAlerting.com

ALERT SYSTEM - 1ST FLOOR DEVICE PLAN

SCALE: N.T.S.



ALERT SYSTEM

ARLINGTON COUNTY  
FIRE STATION # 6  
6950 LITTLE FALL ROAD  
ARLINGTON, VA 22213

PROJECT NAME:

NOTE:  
IF THIS SCALE IS NOT 1" = 10'  
THIS SHEET IS NOT TO SCALE.

DATE: 12/18/19

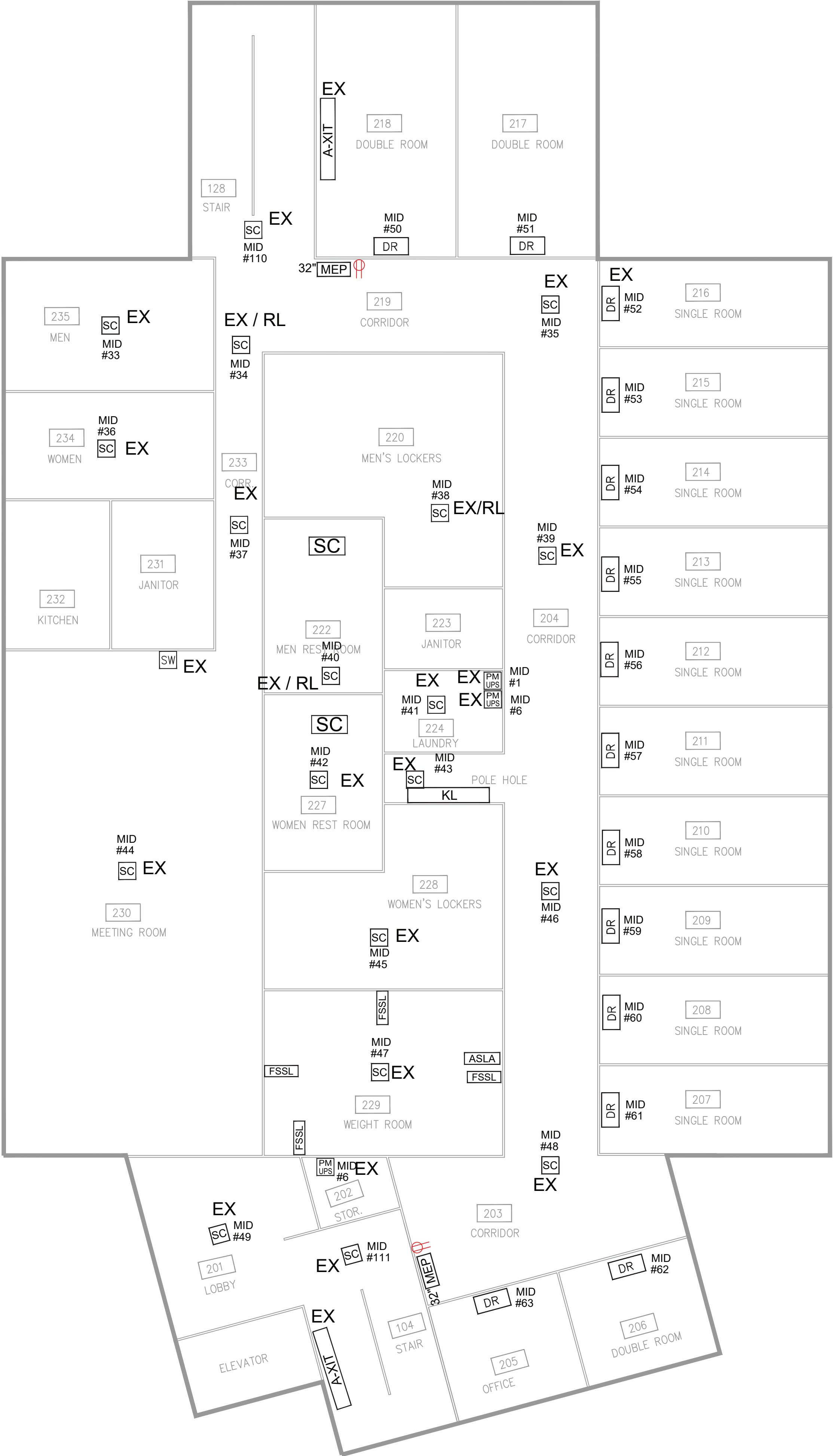
DRAWN BY: SYB

SCALE: N.T.S.

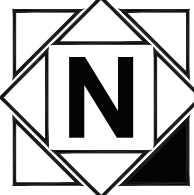
TITLE: DEVICE PLAN

SHEET

AS1.1



**ALERT SYSTEM - 2ND FLOOR DEVICE PLAN**  
SCALE: N.T.S.



FIRST-IN FIRE STATION ALERTING SYMBOL LEGEND	
MCU	MASTER CONTROL UNIT
DLSP	DATA LINE SURGE PROTECTOR
CR	CONTROL REMOTE
RIU	RADIO ISOLATION UNIT
PAG	STATION PAGING MODULE
PM UPS	POWER HUB-SPOKE & UPS-BLACK (REQUIRES 120V PWR)
PM UPS	POWER LIGHT CONTROLLER & UPS -GREEN (REQUIRES 120V PWR)
PM UPS	POWER DUAL MODE & UPS -BLUE (REQUIRES 120V PWR)
SC	SATELLIGHT CONTROLLER
S	SATELLIGHT
DR	DORM REMOTE UPGRADE
DL	DORM LIGHT
MEP	MAPPING END POINT (REQUIRES 120V POWER)
HPA	HIGH-POWERED AMPLIFIER MODULE / SPEAKER
DB	DOORBELL BUTTON
SW	SPEAKER SWITCH
ES	EMERGENCY SWITCH
CI	COMPANY INDICATOR - OUTSIDE
FSSL	STROBE LIGHT - IN CONJUNCTION WITH ASLA
ASLA	ALERTING STROBE LIGHT ADAPTER
APP-DUAL-AL	DUAL APP BAY LIGHTING SYSTEM
A-XF	ACTIVE-X-IT LIGHT STRIP
KL	KNIGHT LIGHT STRIP (SINGLE)
OSA	OUTSIDE SPEAKER AUDIO MODULE
OS	OUTSIDE SPEAKER - IN CONJUNCTION WITH OSA
A.F.F.	ABOVE FINISHED FLOOR
EX	EXISTING DEVICE
F.B.O.	FURNISHED BY OTHERS
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
RL	RELOCATE EXISTING DEVICE
U.O.N.	UNLESS OTHERWISE NOTED

- ### GENERAL NOTES
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#### WESTNET/FIRST IN SYSTEM LAYOUT REVIEW

PROJECT: ARLINGTON COUNTY FIRE STATION # 6 UPGRADE  
DEPARTMENT: ARLINGTON, VA FIRE DEPARTMENT  
DATE SUBMITTED: 01/20/20

☒ Approved subject to notations and corrections as indicated.  
\_\_\_\_ Re-submit corrected Layout for our approval.  
\_\_\_\_ Re-submittal of Layout not required.  
☐ Rejected/Re-submit Layout  
Remarks: \_\_\_\_\_

DATE RETURNED: 1-24-2020

REVIEWED BY: D.F.  
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HUNTINGTON BEACH, CA 92649  
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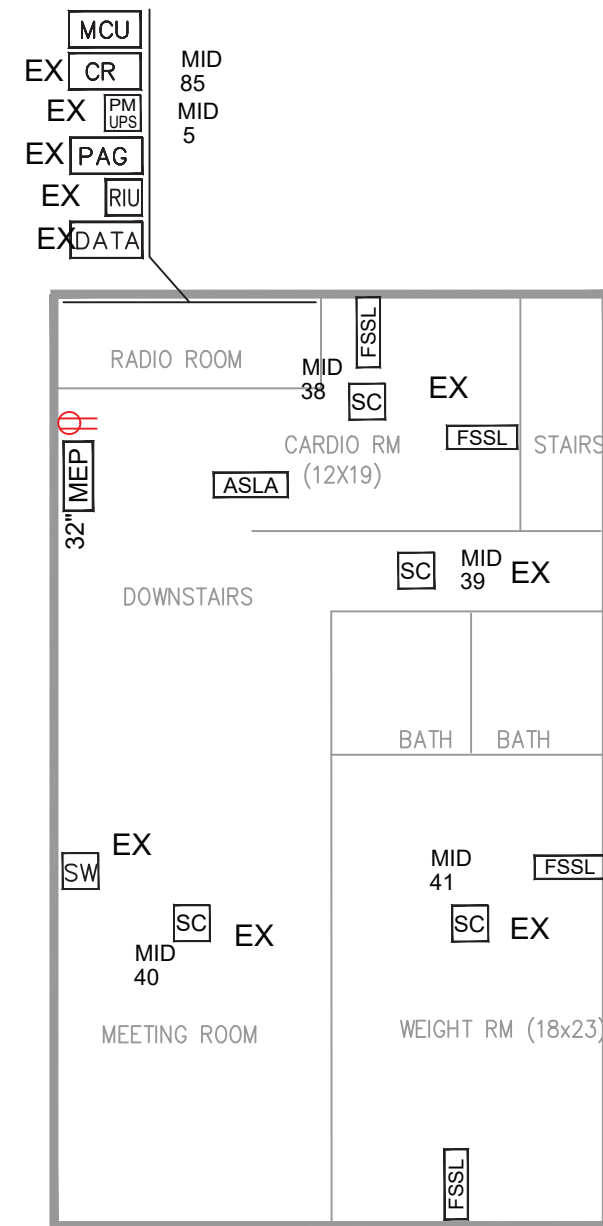
ARLINGTON COUNTY  
FIRE STATION # 6  
6950 LITTLE FALL ROAD  
ARLINGTON, VA 22213

PROJECT NAME:

NOTE:  
IF THIS SCALE IS NOT 1",  
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DATE: 12/18/19  
DRAWN BY: SYB  
SCALE: N.T.S.  
TITLE: DEVICE PLAN  
SHEET

AS1.2



## GENERAL NOTES

- ① WHERE INDICATED WIRING IN SHALL BE IN 3/4" CONDUIT UNLESS OTHERWISE NOTED.
- ② DEVICES ARE TYPICAL AND FOR REFERENCE ONLY.
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- ④ DEVICES LOCATED IN ACOUSTICAL CEILINGS REQUIRE ACOUSTICAL WESTNET MOUNTING KIT (SSAKIT-A) FOR NEW CONSTRUCTION.
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## WESTNET/FIRST IN SYSTEM LAYOUT REVIEW

PROJECT: ARLINGTON COUNTY FIRE STATION # 9 UPGRADE

DEPARTMENT: ARLINGTON, VA FIRE DEPARTMENT

DATE SUBMITTED: 01/20/20

 Approved subject to notations and corrections as indicated.

\_\_\_\_\_ Re-submit corrected Layout for our approval.

\_\_\_\_\_ Re-submittal of Layout not required

☐ Rejected/Re-submit Layout

Remarks: \_\_\_\_\_

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REVIEWED BY: D.F.

DEPT TITLE: ARLINGTON

This serves to Certify that this Layout submittal(s) have been reviewed for accuracy and compliance with the general conformance of the design and layout(only) with the Department Contact and/or Contract Documents.

ONLY AFTER APPROVAL OF LAYOUT WILL SUBMITTAL INFORMATION AND QUOTES BE AVAILABLE.

Westnet, Inc.  
15542 Chemical Lane  
Huntington Beach, CA 92649

Phone: (714) 548-3500  
Fax: (714) 901-5610  
[www.FirstInAlerting.com](http://www.FirstInAlerting.com)



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REV	REVISION	DATE	BY
1	ARLINGTON 2019 UPGRADE	04/20/2020	SVB



# ALERT SYSTEM

ARLINGTON COUNTY  
FIRE STATION # 9  
1900 S. WALTER REED DRIVE  
ARLINGTON, VA 22204

PROJECT NAME:

NOTE:  IF THIS SCALE IS NOT 1".  
THIS SHEET IS NOT TO SCALE.

DATE: 12/18/19

DRAWN BY: S

SCALE: N.T.S.

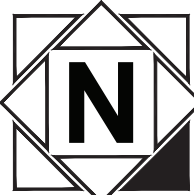
TITLE: DEVICE PLAN

SHEE

## AS1.1

## ALERT SYSTEM - DEVICE PLAN

SCALE: N.T.S.



ARLINGTON COUNTY AGREEMENT 243-11  
EXHIBIT E  
DEFINITIONS  
AS REVISED BY CONTRACT AMENDMENT 2

## Definitions

### **System Acceptance**

Acceptance shall take the form of completed and successful Acceptance testing in conformance with the Requirements set forth in this Agreement as determined by the County Project Officer.

### **Project Acceptance**

Acceptance shall take the form of completed and successful Acceptance testing in conformance with the relevant Acceptance Testing relating to the work described within the Statement of Work for that specific project.

### **Agent**

Any third-party independent agent of the County.

### **Application Users**

Application Users shall include trained and authorized employees of the County, trained and authorized independent contractors engaged by the County, or entities contracting with the County for services.

### **An Authorized User/Workstation**

Any PC workstation that is connected to access the Licensed Software resident on the Computer, as defined below, and that may be logged on to access the programs, interfaces, data, or files created and/or maintained by the Licensed Software.

### **Business Day/Hours**

Normal operating hours for the County: Monday-Friday, 7 a.m.-5p.m. Eastern Standard/Daylight Time, excluding County-designated holidays. Arlington County observes the following holidays:

- New Year's Day
- Martin Luther's King Day
- President's Day
- Memorial Day
- Independence Day
- Labor Day
- Election Day (when holiday approved by County)
- Veterans Day
- Thanksgiving
- Day after Thanksgiving
- Christmas Eve (when holiday approved by County)
- Christmas Day

Normal operating hours for the Contractor: 11 a.m. - 8 p.m. Eastern Standard/Daylight Time, excluding Contractor designated holidays.

### **Content**

Any data, including the selection, arrangement and organization of such data, entered, uploaded to the Application, or otherwise provided to Contractor by the County or by any Application User, and any software-related documentation, from whatever source, provided by any Authorized User to Contractor in connection with this Contract.

### **Computer Virus**

Any malicious code, program, or other internal component (e.g., computer virus, computer worm, computer time bomb, or similar component) that could damage, destroy, alter or disrupt any computer program, firmware, or hardware or which could, in any manner, reveal, damage, destroy, alter or disrupt any data or other information accessed through or processed by the Licensed Software in any manner.

## **Contractor**

The Contractor is the main contractor or prime contractor responsible for the day-to-day oversight of design, implementation, management of all subcontractors for construction projects. They are generally responsible for the communication of information to all involved parties throughout the course of all work performed during a major construction project.

## **Delivery of Licensed Standard Software**

Licensed Standard Software will be delivered to the County in a machine-readable form via an agreed upon network connection, or on appropriate media if requested by the County, as soon as the software is available after the Effective Date.

## **Development Software**

Standard application software currently under development by Contractor which, if applicable, will be completed and delivered to County as Licensed Standard Software when available.

## **Deliverable**

The tangible embodiment of the Services, including the development or creation of Work Product, performed or provided by Contractor as identified in the applicable Statement of Work and Contract Documents.

## **Documentation**

All Contractor materials detailing the information and instructions, including course materials, system specifications, release notes, hardware requirements, and user manuals, administrator manuals, and technical manuals needed to allow the County and its Agents to install, implement, operate and make productive use of the Licensed Software.

## **Down Time**

There are five (5) categories of Down Time. Westnet is responsible for two that are included in System availability calculations:

### ***Included Downtime***

1. Major Failures (measured Hours of Major Failure, or HMF)
2. Functional Failures (measured as Functional System Failures in minutes and hours)

### ***Excludable downtime***

3. Planned Downtime. This would include Planned updates and Testing related incidents.
4. Unplanned interruption(s) to the System, or reduction in the quality of the System caused by Force Majeure incidents.
5. The following causes for Westnet devices not functioning as intended are considered Excludable Down Time and are not included in System Availability:
  - a. **Third-Party Incident:** An unplanned interruption to the System, or reduction in the quality of the System caused by a third party and not Westnet hardware or software. This shall include Radio, Utility, Internet Service Provider, or other third parties that provide infrastructure or are responsible for infrastructure on which the Westnet system relies.
  - b. **Automated Voice Dispatch (AVD) Pronunciation:** Calibration of AVD systems to Arlington County requirements, including correct pronunciation and cadence of speech, is not considered downtime but shall be treated as a priority 3 issue requiring remediation by Westnet as part of this contract.

## **Go-Live**

The point at which the software system, module or update is implemented into active and live operation mode.

#### **Installation of Licensed Standard Software**

Installation of the Licensed Standard Software shall be deemed to occur, for all billings or other events described herein, upon the earlier of:

- a. the transfer or loading of the Licensed Standard Software onto a County server or computer, or
- b. thirty (30) days after delivery of the Licensed Standard Software.

#### **Licensed Custom Interfaces and Licensed Custom Software**

Any software (programs or portions of programs) developed by Contractor specifically for the County's own use.

#### **Licensed Documentation**

Contractor User Manuals, including the current specifications for the Licensed Standard Software and other written instructions relating to the Licensed Software (such as Product Bulletins, installation instructions, and training materials).

#### **Licensed Products**

The Licensed Software, the related Licensed Documentation, and the Authorized Copies of the foregoing.

#### **Licensed Software**

The Licensed Standard Software, Development Software, Upgrades, and Licensed Custom Software provided under this Agreement.

#### **Licensed Standard Software**

The current version of Contractor standard and development application software package(s) (in machine readable code) listed in Exhibit A.

#### **Maintenance Levels**

The parameters of Maintenance Services, including the times during which and time-frames in which Contractor shall respond to a request for Maintenance Services. Maintenance Levels are defined in **Table 1: Service Level Agreement and Prioritization: System & Software Support**.

#### **Maintenance Services (or Maintenance)**

Those Services, preventive and remedial, provided by Contractor to ensure continued operation of the System.

#### **Requirements**

The functional, performance, operational, compatibility and Acceptance testing criteria and other parameters and characteristics of the Software, Services and Deliverables as set forth in this Scope of Services, and other parameters, characteristics or performance standards of the SOW and Contract Documents.

#### **Services**

Any work performed, or service provided, including development, installation, Software configuration, Maintenance, support and training and provision to the County of any Deliverable described in the Scope of Services. Services include the discovery, creation, or development of Work Product, if any.

#### **System Availability**

System Availability is the time the system is fully functioning and shall be required to be a minimum of 99.95% uptime. The expected System Availability is 24 hours a day, 7 days a week. The formula for System Availability shall be calculated as follows:

- 1) **Formula: *Functional System Availability* =  $\frac{TOH - HMF - FSF}{TOH}$**   
Total Operational Hours (**TOH**) – Hours of Major failures (System not down, but largely unusable) (**HMF**) – Functional System failures (specific critical features not available, or unusable) (**FSF**). **Does not include Planned Downtime (PD).**

2) **Formula: *Total System Availability*** = 
$$\frac{TOH - HMF - FSF - PD}{TOH}$$

This is the same as Functional System Availability, but includes planned downtime which shall be tracked, and includes:

- i. Scheduled downtime for system upgrades
- ii. Scheduled restarts necessary to correct issues.

3) Any delays in response mutually agreed to be caused by the County shall be deducted from the calculation.

#### **Upgrades**

Any enhanced and/or improved versions of the Licensed Software that are provided under this Agreement and released after the Effective Date of this Agreement.

#### **Work Product**

Inventions, combinations, machines, methods, formulae, techniques, processes, improvements, software designs, computer programs, strategies, specific computer-related know-how, data and original works of authorship discovered, created, or developed by Contractor, or jointly by Contractor and the County in the performance of this Contract. Work Product shall not include configuration of software.