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REQUIRED SUBMITTAL PACKAGES

REQUIRED SUBMITTAL PACKAGES TO BE SUBMITTED TO NORTHERN TOOL + EQUIPMENT CONSTRUCTION MANAGER		
<ul style="list-style-type: none"> • ACOUSTIC CEILING GRIDS AND ACCESSORIES • ACOUSTIC CEILING MATERIALS • FRAMING AND DRYWALL MATERIALS • ROOFING AND SIDING • METAL DOORS AND FRAMES • DOUBLE GLAZING TRAFFIC DOORS • WOOD DOORS • FINISH DOOR HARDWARE • STORAGE SYSTEM • AUTOMATIC SLIDING ENTRANCE SYSTEMS 	<ul style="list-style-type: none"> • MISCELLANEOUS METALS • METAL CANOPY SYSTEMS • FLASHING AND SHEET METALS • COILING OVERHEAD DOORS AND OPERATORS • DOCK FACILITIES AND EQUIPMENT • FENCE, GATES, ACCESSORIES • VINYL COVERED BASE • FLAGPOLE ASSEMBLY • PAINT SYSTEMS/SAMPLES • MILLWORK 	<ul style="list-style-type: none"> • HVAC DUCTING, DIFFUSERS, GRILLES, AND ACCESSORIES • ELECTRICAL SWITCHGEAR EQUIPMENT • LIGHTING EQUIPMENT • FIRE SPRINKLER • PUMPING EQUIPMENT AND ACCESSORIES • FIBER OPTIC INFO/SAMPLE

REQUIRED VENDOR CONTACT LIST

TRADE / SERVICE	COMPANY	CONTACT	PHONE #	EMAIL
LIGHTING EQUIPMENT/PACKAGE	SERVICE LIGHTING	TOM KEFFER	691-491-2531 CELL	TKM@SERVICELIGHTING.COM
DOORS/FRAME/HARDWARE/BATH SCREENS & ACCESSORIES	STAIN CITY HARDWARE	BOB HAEN	691-731-7142 OFFICE/ 617-568-4266 CELL	BHAEN@STC.COM
KELLY DOCK EQUIPMENT/IMPACT DOORS	STAR EQUIPMENT	JIM DEMARS	763-483-7293 OFFICE/ 691-336-8744 CELL	JPD@STAREQUIPMENT.COM
STANLEY AUTOMATIC SLIDING DOORS	STANLEY ACCESS TECHNOLOGIES	DAVID BECHK	562-456-4661 OFFICE/ 818-933-9331 CELL	DAVID.BECK@STANLEY.COM
RTU & LIGHTING AUTOMATED CONTROL/CLIENT SYSTEM	ONS MECHANICAL SERVICE COMPANY	WADE VARGO	331-473-8295 OFFICE/ 331-778-8583 CELL	WV@ONSMECHANICAL.COM
PROJECT CATERING	OXVILLE CORPORATION	MARSHA RAIN	866-845-2563 OFFICE/ 404-554-1462 DIRECT	MRAIN@OXVILLE.COM
FIRE ALARM MONITORING (SEE NOTE # BELOW)	PROTECTION ONE	BEN LOCKHART	841-428-1482 OFFICE/ 218-256-1566 CELL	BEN.LOCKHART@P1.COM
FIRE ALARM MONITORING (SEE NOTE # BELOW)	SOSSGLOBAL AXIOM	DAVID HELLER	617-947-9875	DAVID.HELLER@NONEBUILDINGSCONNECT.COM

VENDOR CONTACT LIST NOTES:

- FIRE ALARM MONITORING ASSIGNED TO VENDOR ACCORDING TO STATE THE STORE IS LOCATED IN. SEE LIST BELOW. VERIFY CORRECT FIRE ALARM MONITORING VENDOR WITH NTE CPM.
- PROTECTION ONE: ALABAMA, ARIZONA, FLORIDA, GEORGIA, KANSAS, LOUISIANA, MISSISSIPPI, OKLAHOMA, TENNESSEE (CORQUEST AND EAST) AND TEXAS
- SOSS: ILLINOIS, INDIANA, IOWA, KENTUCKY, MINNESOTA, MISSOURI, NEBRASKA, NORTH CAROLINA, NORTH DAKOTA, SOUTH CAROLINA, SOUTH DAKOTA, TENNESSEE (FOOTBEE), VIRGINIA, WISCONSIN, AND ALL THE CORPORATE LOCATIONS

FIRE ALARM NOTES – EXISTING / MODIFICATIONS TO SYSTEM

- FIRE ALARM INSTALLER MUST OBTAIN A FIRE ALARM PERMIT FOR ALARM WORK, ALARM INITIATING DEVICES, ALARM NOTIFICATION DEVICES, AND OTHER FIRE ALARM SYSTEM COMPONENTS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH STATE AND LOCAL FIRE CODES AND THE NATIONAL FIRE ALARM CODE NFPA 72. PLANS AND SPECIFICATIONS NEED FOR THIS INCLUDE, BUT ARE NOT LIMITED TO, ALL OF THE FOLLOWING:
 - FLOOR PLAN
 - LOCATION OF INITIATING AND NOTIFICATION APPLIANCES
 - ALARM CONTROL AND TROUBLE SIGNALING EQUIPMENT
 - ANNUNCIATION
 - POWER CONNECTION
 - BATTERY CALCULATIONS
 - CONDUCTOR TYPE AND SIZES
 - MANUFACTURERS MODEL NUMBERS AND LISTING INFORMATION FOR EQUIPMENT, DEVICES & MATERIALS
 - DETAILS OF CEILING HEIGHTS AND CONNECTION
 - THE INTERFACE OF FIRE SAFETY CONTROL SYSTEM
- ALL FIRE DETECTION AND ALARM SYSTEM SHALL BE TESTED AND APPROVED BEFORE BUILDING IS OCCUPIED.
- CONTRACTOR TO COORDINATE WITH SPECIFIED FIRE ALARM MONITORING WITH PROTECTION 1.
- SEE NORTHERN TOOL FIRE ALARM SYSTEM REQUIREMENTS ON SPECIFICATIONS BOOK AND AUI REQUIREMENTS BELOW

PROPOSED SQUARE FOOTAGE TABLE

AREA	16,286 SF.
SALES FLOOR	16,286 SF.
CORRIDOR	56 SF.
OPS OFFICE	418 SF.
NEB INDOOR	361 SF.
PROJECT/TRADE ROOM	137 SF.
WAREHOUSE	3,811 SF.
BREAK ROOM	235 SF.
VESTIBULE	143 SF.
TOTAL	22,897 SF.

ADDITIONAL FIRE ALARM NOTES / MODIFICATIONS TO SYSTEM

- DESIGN OF FIRE ALARMS AND DETECTION SYSTEMS:**
- FIRE ALARMS AND DETECTION SYSTEMS INCLUDE FIRE PROTECTION SUPERVISION, EMERGENCY ALARM CIRCUITS, ACTIVATION OF LIFE SAFETY SYSTEM CONTROLS AND TROUBLE SIGNALING UNDER VARIOUS CONDITIONS.
 - THE DESIGN SPECIFICATIONS SHALL BE BASED ON THE NORTH CAROLINA BUILDING CODE, THE NORTH CAROLINA FIRE PREVENTION CODE, THE NORTH CAROLINA BUILDING CODE AND THE NORTH CAROLINA FIRE PREVENTION CODE ARE INCORPORATED BY REFERENCE IN RULE 8169-18.01, F.A.C.
 - DOCUMENTS SHALL INCLUDE AS A MINIMUM THE FOLLOWING INFORMATION WHEN APPLICABLE:
 - THE DOCUMENTS SHALL BE CLEAR, WITH A SYMBOLS LEGEND, SYSTEM RISER DIAGRAM SHOWING ALL INITIATION AND NOTIFICATION COMPONENTS, AND CABLING REQUIREMENTS. THE DOCUMENTS SHALL INDICATE LOCATIONS WHERE FIRE RATINGS ARE REQUIRED AS DETERMINED BY THE SYSTEMS SURVIVABILITY REQUIREMENTS, AND SHALL IDENTIFY THE GENERAL OCCUPANCY OF THE PROTECTED PROPERTY AND EACH ROOM AND AREA UNLESS IT IS CLEAR FROM FEATURED ROOMS.
 - LOCATE INITIATION AND NOTIFICATION DEVICES AND CONNECTIONS TO RELATED SYSTEMS ON THE FLOOR PLANS AND SECTIONS WHEN NEEDED FOR CLARITY. RELATED SYSTEMS INCLUDE ELEVATOR CONTROLS, SMOKE CONTROL SYSTEMS, DAMPERS, AND DOORS.
 - SMOKE INTENSITY AND SPEAKER OUTPUT RATINGS FOR ALL NOTIFICATION DEVICES.
 - IDENTIFY THE CLASS OF CIRCUITS AS LISTED IN NFPA 72, WHICH IS CONTAINED WITHIN AND INCORPORATED INTO THE FLORIDA FIRE PREVENTION CODE.
 - IDENTIFY THE FUNCTIONS REQUIRED BY THE ALARM AND CONTROL SYSTEMS INCLUDING THE TRANSMISSION OF EMERGENCY SIGNALS BEING MONITORED OR ANNUNCIATED.
 - INDICATE WHETHER THE FIRE ALARM IS CONVENTIONAL OR ADDRESSABLE, AND INDICATE ALL ZONING.
 - LOCATE SURGE PROTECTIVE DEVICES AND REQUIRED PROTECTIVE FEATURES.
 - LOCATE SYSTEM DEVICES THAT ARE SUBJECT TO ENVIRONMENTAL FACTORS, AND INDICATE REQUIREMENTS FOR THE PROTECTION OF EQUIPMENT FROM TEMPERATURE, HUMIDITY OR CORROSIVE ATMOSPHERES INCLUDING CORROSION, SALT, AIR.
 - THE DOCUMENTS SHALL INCLUDE A SITE PLAN OF THE IMMEDIATE AREA AROUND THE PROTECTED BUILDING, STRUCTURE OR EQUIPMENT WHEN ALARM DEVICES ARE REQUIRED OUTSIDE THE STRUCTURE.
 - IN BUILDINGS WHERE SMOKE DETECTION WILL BE OBSTRUCTED BY WALLS, BEAMS OR CEILING FEATURES, THE ENGINEER OF RECORD SHALL PROVIDE APPLICABLE DESIGN AND DETAILS TO DIRECT THE INSTALLER TO MITIGATE THE OBSTRUCTIONS. IN BUILDINGS WITH SMOKE DETECTION UNDER A PITCHED ROOF, THE PLANS SHALL INDICATE THE ROOF PITCH AND A BUILDING SECTION SHALL BE PROVIDED AS PART OF THE ENGINEERING DESIGN DOCUMENTS.
 - THE SYSTEM DESIGN MUST INDICATE IF THE SYSTEM IS TO PROVIDE A GENERAL EVACUATION SIGNAL OR A ZONED EVACUATION FOR ALL HIGH-RISE BUILDINGS OR MULTI-UNITED PROPERTIES AS DEFINED IN SECTION 2 OF THE FLORIDA BUILDING CODE BUILDING.
 - REQUIREMENTS FOR OPERATIONS AND MAINTENANCE PROCEDURES, MANUALS, SYSTEM DOCUMENTATION, AND INSTRUCTION OF OPERATOR'S PERSONNEL, AS NEEDED TO OPERATE THE SYSTEMS AS INTENDED OVER TIME.
 - SHOW THE REQUIRED WIRING, BATTERY AND VOLTAGE DROP (CIRCUIT ANALYSIS) CALCULATIONS SHALL BE COMPLETED. THE CALCULATIONS SHALL BE COMPLETED USING THE EQUIPMENT MANUFACTURER'S DATA AND APPLICABLE NFPA 72 PROCEDURES.
 - SYSTEM TEST REQUIREMENTS SHALL BE NOTED ON THE ENGINEERING DESIGN DOCUMENTS.
 - INSTALLER SHALL COORDINATE SYSTEM START-UP/SYSTEM TEST WITH THE PM 48 HRS IN ADVANCE / IN WRITING