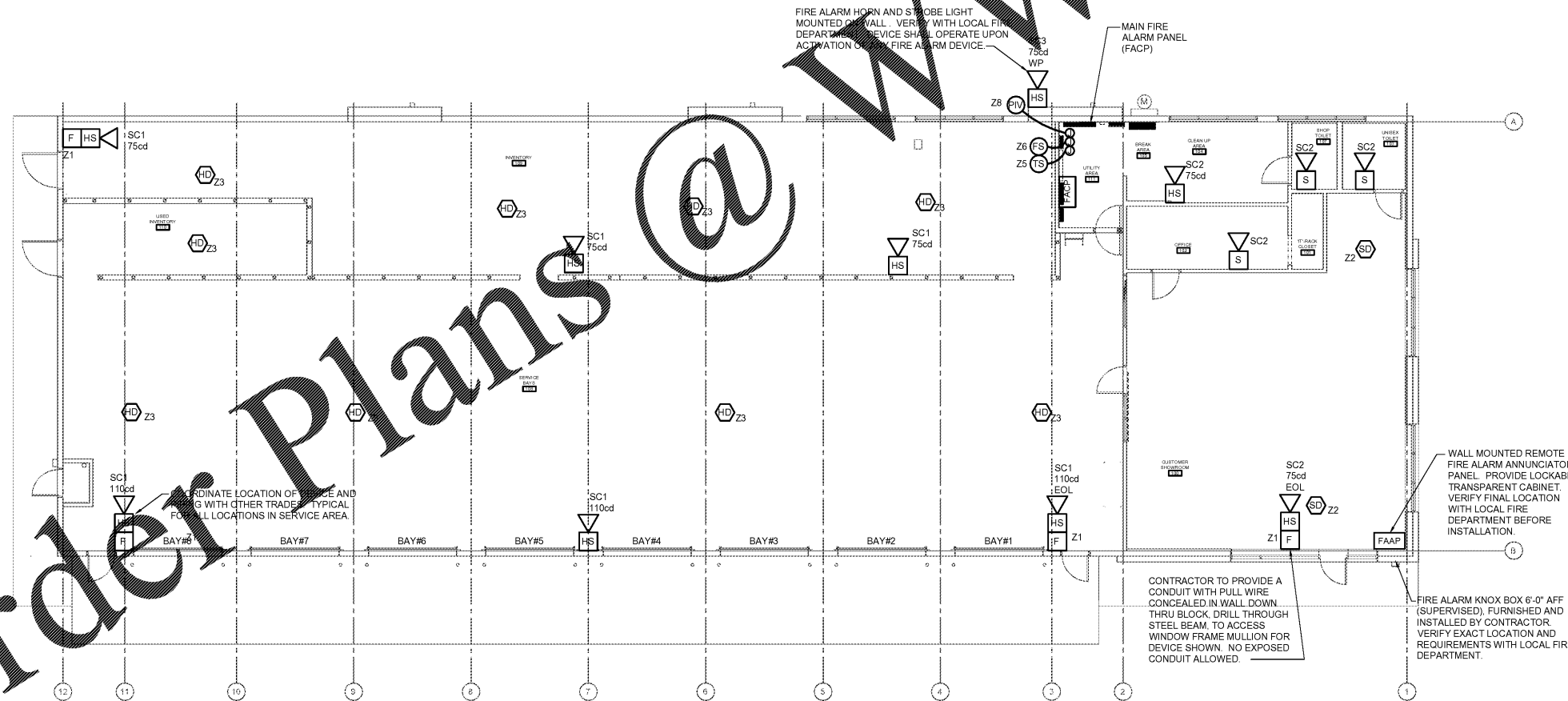


1 FIRE ALARM SCHEMATIC
FA1 SCALE: NONE



2 FIRE ALARM PLAN
FA1 SCALE: 1/8" = 1'-0"

FIRE ALARM PLAN GENERAL NOTES

- A. FIRE ALARM CONTRACTOR SHALL BE CURRENTLY LICENSED IN THE STATE AND SUBMIT A COMPLETE FIRE ALARM SUBMITTAL WHICH ARE PREPARED BY "SCSS" AND SUBMITTED TO THE AUTHORITY HAVING JURISDICTION FOR:
 - FLOOR PLANS WITH ALL FIRE ALARM DEVICES
 - POINT-TO-POINT RISER DIAGRAM
 - CANDELA OF STROBES
 - BATTERY STANDBY CALCULATIONS FOR 60HR STAND-BY
 - POWER AND LINE LOSS CALCULATIONS
 - CATALOG CUT SHEETS
 - SEQUENCE OF OPERATION
 - CENTRAL STATION UL CERTIFICATE
- B. PROVIDE A COMPLETE AND OPERABLE FIRE ALARM SYSTEM AS REQUIRED BY AUTHORITY HAVING JURISDICTION. REFER TO PERFORMANCE SPECIFICATION FOR ADDITIONAL INFORMATION.
- C. PROVIDE THE NUMBER OF ZONES WITH AT LEAST ONE SPARE IN THE FIRE ALARM PANEL TO ACCOMMODATE ALL DEVICES.
- D. OWNER SHALL PROVIDE DEDICATED TELEPHONE LINES (2) FOR 24 HOUR MONITORING TO THE "SCSS" REMOTE STATION.
- E. FIRE ALARM CONTRACTOR SHALL PROVIDE FIRE ALARM DEVICES, SYSTEM COMPONENTS, CONTROL PANEL, WIRING AND CONTROLS AS REQUIRED FOR A COMPLETE SYSTEM. THE FIRE ALARM SYSTEM SHALL COMPLY WITH NFPA 72 AND THE AUTHORITY HAVING JURISDICTION (AHJ) AND SHALL BE MONITORED FROM AN APPROVED MONITORING STATION.
- F. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND WIRE FOR THE 120VAC POWER CONNECTION TO THE FIRE ALARM PANEL. ELECTRICAL CONTRACTOR TO PROVIDE ALL THE CONDUIT FOR ALL THE FIRE ALARM PERIPHERAL DEVICES ATTACHED TO THE SYSTEM ELECTRICAL CONTRACTOR SHALL STUB CONDUIT UP TO THE CEILING JOIST AND LEAVE A PULL STRING IN THE CONDUIT.

GENERAL PLAN NOTES

- EXECUTE ALL WORK NECESSARY FOR A COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM PER APPLICABLE NATIONAL AND LOCAL CODES, AND AS REQUIRED BY THE AHJ AND BY THE CLIENT/OWNER OF THE FACILITY.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL DESIGN WORK, WIRING, AND CALCULATIONS FOR A COMPLETE INSTALLATION.
- PRIOR TO STARTING ANY WORK, VERIFY, WITH LOCAL AHJ, THAT COMPLETE COVERAGE FIRE ALARM SYSTEM IS REQUIRED.

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION	QUANTITY
FACP	FIRE ALARM CONTROL PANEL	1
FAAP	FIRE ALARM ANNUNCIATOR PANEL (WALL MOUNTED, IN LOCKABLE TRANSPARENT CABINET.)	1
RLY	INTERFACE RELAY	2
MEG	MAGNETIC DOOR LOCK CONTROLLER	0
HD	FIRE ALARM HEAT DETECTOR (135° FIXED TEMPERATURE)	11
SD	FIRE ALARM SMOKE DETECTOR (PHOTOELECTRIC TYPE)	7
DD	FIRE ALARM DUCT DETECTOR (PHOTOELECTRIC TYPE)	2
HS	FIRE ALARM HORN STROBE	7
S	FIRE ALARM STROBE	3
F	FIRE ALARM PULL STATION (DOUBLE ACTION TYPE)	4
TS	TAMPER SWITCH	1
FS	FLOW SWITCH	1
PV	POST INDICATOR VALVE	1
SS	120V SURGE SUPPRESSOR	1
DS	DIALER SURGE SUPPRESSOR	2

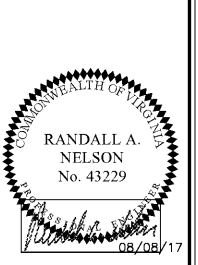
- A INITIATING CIRCUIT CABLE, 2 - #14 THHN (RED/BLACK)
 - B FAN RELAY CIRCUIT CABLE, 2 - #14 THHN (BLUE/BLUE)
 - C NOTIFICATION CIRCUIT CABLE, 2 - #14 THHN (RED/BLUE)
 - D POWER CABLE, 18/2C
 - N DATA BUS, 18/2C, SHIELDED
 - PP PANEL POWER CABLE, 2 - #12 THHN AND 1 - #10 THHN GROUND
- (VERIFY ALL CABLE TYPES WITH PANEL MANUFACTURER AND INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION. ALL WIRES IN CONDUIT OR PLENUM RATED.)

Professional Engineer of Record
Randall A. Nelson, P. E.
148 West 95th Street
Lenexa, Kansas 66215
Phone 913 322 5150



THE DRAWING IS THE PROPERTY OF BRIDGESTONE RETAIL OPERATIONS, LLC AND IS LOANED TO THE EXPRESS CONDITION THAT IT IS NOT TO BE USED IN ANY WAY DELEGATED TO THE INTERESTS OF BRIDGESTONE RETAIL OPERATIONS, LLC. THE ACCEPTANCE OF THIS DRAWING WILL BE CONSIDERED AS AN ACCEPTANCE OF THE FOREGOING CONDITION AND AS JURISDICTION TO THE BRIDGESTONE COMPANY AND IS THE PROPERTY OF BRIDGESTONE RETAIL OPERATIONS, LLC.

NEW FCAC STORE
2015 - JUNE - ER - RIGHT
1900 RICHMOND ROAD
WILLIAMSBURG, VA



ISSUE BLOCK

NO.	DESCRIPTION

PROPERTY NO.: 167739
6 DIGIT NO.: 785533
4 DIGIT NO.: 6868
AOR PROJECT NUMBER: 1655814
TO PERMIT: DATE: 08/10/17
TO BID: DATE: TBD
DRAWN BY: ZS,MJ,RC
CHECKED BY: CF,AR

SHEET TITLE:
FIRE ALARM PLAN
SHEET NUMBER:
FA1