

WIRING LEGEND	
CONDUCTOR TYPE: E = 182 TP FPL	CIRCUIT DESIGNATION: L = INITIATION DATA CIRCUIT
SHOULD MANUFACTURER OF FIRE ALARM EQUIPMENT REQUIRE A DIFFERENT TYPE OR SIZE OF CABLE THAN HEREIN SPECIFIED, THE LARGER OR MORE STRINGENT TYPE OF CABLE SHALL BE USED.	

- FIRE ALARM EXISTING TO REMAIN KEYED NOTES (DENOTED AS ◊)**
- THE EXISTING FIRE ALARM CONTROL PANEL AND ASSOCIATED EQUIPMENT LOCATED OUTSIDE THE DOLLAR TREE SPACE SHALL REMAIN AS CURRENTLY CONFIGURED. ALL NEW FIRE ALARM DEVICES WITHIN THE DOLLAR TREE SPACE SHALL BE CONNECTED DIRECTLY TO THE FIRE ALARM CONTROL PANEL. THE FIRE ALARM CONTROL PANEL SHALL TRANSMIT FIRE ALARM, SUPERVISORY, AND TROUBLE SIGNALS OFF-SITE AS CURRENTLY CONFIGURED.
 - THE EXISTING FIRE SPRINKLER RISER SERVING THE DOLLAR TREE SPACE IS CURRENTLY BEING ELECTRONICALLY MONITORED BY THE LANDLORD'S FIRE ALARM CONTROL PANEL LOCATED OUTSIDE OF THE PROPOSED DOLLAR TREE SPACE. THE PROPOSED DOLLAR TREE SPACE HAS AN OCCUPANT LOAD OF LESS THAN 500 AND DOES NOT REQUIRE OCCUPANT NOTIFICATION. THEREFORE, A FIRE ALARM SYSTEM IS NOT REQUIRED AND WILL NOT BE PROVIDED WITHIN THE PROPOSED DOLLAR TREE SPACE. THE EXISTING LANDLORD FIRE ALARM SYSTEM SHALL CONTINUE TO MONITOR THE FIRE SPRINKLER SYSTEM AS CURRENTLY CONFIGURED.
 - THE EXISTING DUCT SMOKE DETECTORS AND ASSOCIATED CABLING/CONDUIT SHALL REMAIN AS CURRENTLY CONFIGURED. FIELD VERIFY THE EXISTING DUCT SMOKE DETECTORS ARE IN GOOD WORKING CONDITION, OPERATIONAL, AND SUPERVISED BY THE FIRE ALARM SYSTEM. IF THE EXISTING DUCT SMOKE DETECTORS ARE NOT IN GOOD WORKING CONDITION, REPLACE THE EXISTING DUCT SMOKE DETECTOR. IF THE EXISTING DUCT SMOKE DETECTORS ARE NOT SUPERVISED BY THE FIRE ALARM SYSTEM, PROVIDE ADDRESSABLE INPUT MODULE TO INDIVIDUALLY MONITOR EACH EXISTING DUCT DETECTOR. PROVIDE NEW FIRE ALARM CABLING/CONDUIT AS NEEDED.

PROJECT INFORMATION

PROJECT NAME: DOLLAR TREE - STONY POINT, NY
 LOCATION: 166 S LIBERTY DRIVE
 STONY POINT, NY 10980
 FIRE PROTECTION: 100% SPRINKLERED
 OCCUPANCY: MERCANTILE (EXISTING)

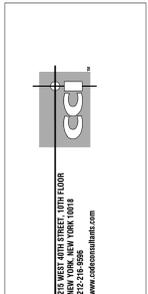
- SCOPE OF WORK**
- THE FIRE ALARM SYSTEM WITHIN THE FUTURE DOLLAR TREE SHALL UTILIZE THE EXISTING FIRE ALARM EQUIPMENT AS NEEDED.
 - THE EXISTING FIRE ALARM CONTROL PANEL SHALL REPORT ALL ALARM, SUPERVISORY, AND TROUBLE SIGNAL OFF-SITE AS CURRENTLY CONFIGURED.
 - THE NEW SCOPE OF WORK ON THE EXISTING FIRE ALARM SYSTEM SHALL CONSIST OF THE FOLLOWING:
 - NEW DUCT SMOKE DETECTOR ON THE RETURN SIDE
 - NEW STAND ALONE CARBON MONOXIDE ALARMS
 - POWER LIMITED FIRE ALARM CABLING SHALL BE PROVIDED

- APPLICABLE CODES**
- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REFERENCED DESIGN STANDARDS.
- 2020 NEW YORK STATE BUILDING CODE
 - 2020 NEW YORK STATE FIRE CODE
 - 2020 NEW YORK STATE MECHANICAL CODE
 - 2017 NATIONAL ELECTRICAL CODE
 - 2016 EDITION NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE
- CONFLICTS BETWEEN THE REFERENCE NFPA STANDARDS, FEDERAL OR STATE CODES, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF ENGINEER OF RECORD (CCI) FOR RESOLUTION.

- FIRE ALARM KEYED NOTES (DENOTED AS ○)**
- FIELD VERIFY EXISTING FIRE ALARM CONTROL PANEL (FACP) HAS SUFFICIENT STANDBY SECONDARY BATTERY CAPACITY TO ACCOMMODATE THE NEW FIRE ALARM EQUIPMENT. IF ADEQUATE SECONDARY BATTERY CAPACITY IS NOT PROVIDED, LARGER BATTERIES SHALL BE PROVIDED TO MEET THE SECONDARY BATTERY CAPACITY REQUIREMENTS IN NFPA 72. PROVIDE ALL CHARGING CABLES AND BATTERY CABINET AS NECESSARY. ENSURE THE NEW BATTERIES DO NOT EXCEED CHARGING CAPABILITIES OF EXISTING EQUIPMENT.
 - PROVIDE CONVENTIONAL DUCT SMOKE DETECTION ON THE RETURN SIDE OF ALL AIR HANDLING UNITS (AHU) WITH A DESIGN CAPACITY GREATER THAN 2,000 CFM. DUCT SMOKE DETECTORS SHALL BE INSTALLED BY THE MECHANICAL CONTRACTOR. CONFIGURE THE DUCT SMOKE DETECTOR TO UTILIZE THE AUXILIARY ALARM CONTACTS OF THE DUCT SMOKE DETECTOR TO SHUTDOWN THE RTU THROUGH THE INDIVIDUAL RTU CONTROLLER. PROVIDE ANY REQUIRED INTERMEDIATE RELAYS FOR CONNECTIONS TO HVAC CONTROLS. PROVIDE CABLING AND WIRING CONNECTIONS TO HVAC CONTROLS AND DUCT DETECTOR POWER. FINAL TERMINATIONS TO HVAC CONTROLS AND DUCT DETECTOR POWER ARE BY MECHANICAL OR CONTROLS CONTRACTOR. COORDINATE ALL EQUIPMENT INSTALLATION, POWER, AND INTERFACE CONNECTIONS WITH THE ELECTRICAL, MECHANICAL, AND TEMPERATURE CONTROLS CONTRACTORS.
 - PROVIDE AN ADDRESSABLE INPUT MODULE (AIM) FOR MONITORING OF THE RETURN DUCT SMOKE DETECTORS. PROVIDE CONNECTIONS TO THE ALARM AND TROUBLE CONTACTS TO INITIATE WITHOUT BEING AFFECTED BY THE STATUS OF THE TROUBLE CONTACTS. ROUTE CABLING TO DUCT SMOKE DETECTOR THROUGH THE ROOF UTILIZING THE CONDUIT TO THE RTU PROVIDED BY ELECTRICAL CONTRACTOR. COORDINATE LOCATION OF THE CONDUIT WITH THE ELECTRICAL CONTRACTOR.
 - PROVIDE A REMOTE TEST STATION/ANNUNCIATOR FOR EACH DUCT SMOKE DETECTOR. PROVIDE ANY REQUIRED POWER CABLING CONNECTIONS TO DETECTORS AND REMOTE TEST STATION/ANNUNCIATOR. MOUNT THE REMOTE TEST STATION/ANNUNCIATOR ON THE COLUMN NEAREST TO THE RTU. COORDINATE EXACT MOUNTING LOCATIONS WITH THE GENERAL CONTRACTOR, OWNER, AND THE AHU PRIOR TO INSTALLATION.
 - PROVIDE A BATTERY POWERED CARBON MONOXIDE ALARM, AS OUTLINED IN THE DRAWINGS AND SPECIFICATIONS. THE CARBON MONOXIDE ALARM SHALL ACTIVATE AND SOUND A TEMPORAL 4 PATTERN, AS REQUIRED BY NFPA 72 7.7.2 AND THE NEW YORK STATE BUILDING CODE. CARBON MONOXIDE ALARMS ARE NOT REQUIRED TO BE INTERCONNECTED BETWEEN THE DETECTION ZONE OR WITHIN OTHER DETECTION ZONES. MOUNT CARBON MONOXIDE ALARM ON THE BOTTOM OF THE DECK (NOT ON THE BOTTOM OF STRUCTURAL MEMBERS) OR SUSPENDED CEILING AND LOCATED MORE THAN THREE (3) FEET FROM ANY MECHANICAL DIFFUSERS, AS INDICATED IN NFPA 72 7.7.2. THE CARBON MONOXIDE ALARM AND CABLING SHALL BE INSTALLED AND SUPPORTED A MINIMUM 1-1/2 INCHES FROM THE LOWEST SURFACE OF THE ROOF DECKING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE.

FIRE ALARM SYMBOL KEY

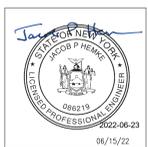
	EXISTING STAND ALONE CEILING MOUNTED VISUAL APPLIANCE TO BE DISCONNECTED AND REMOVED (NOT CONNECTED TO FACP)
	EXISTING STAND ALONE COMBINATION CEILING MOUNTED AUDIBLE/VISUAL APPLIANCE & SMOKE ALARM - TO BE DISCONNECTED AND REMOVED (NOT CONNECTED TO FACP)
	EXISTING DUCT TYPE SMOKE DETECTOR TO REMAIN (R = RETURN SIDE)
	DUCT-TYPE PHOTOELECTRIC SMOKE DETECTOR (CONVENTIONAL) (POWERED BY RTU) (R = RETURN SIDE)
	STAND ALONE CARBON MONOXIDE ALARM (10 YEAR BATTERY OPERATED)
	NEW ADDRESSABLE INPUT MODULE (COMPATIBLE WITH EXISTING FACP)
	REMOTE TEST STATION / ANNUNCIATOR (SYSTEM SENSOR RTS15 KEY)
	FIRE ALARM PLENUM RATED CONDUCTORS (RED IN COLOR)
	JUNCTION BOX
	END OF LINE RESISTOR



mark	date	by	description

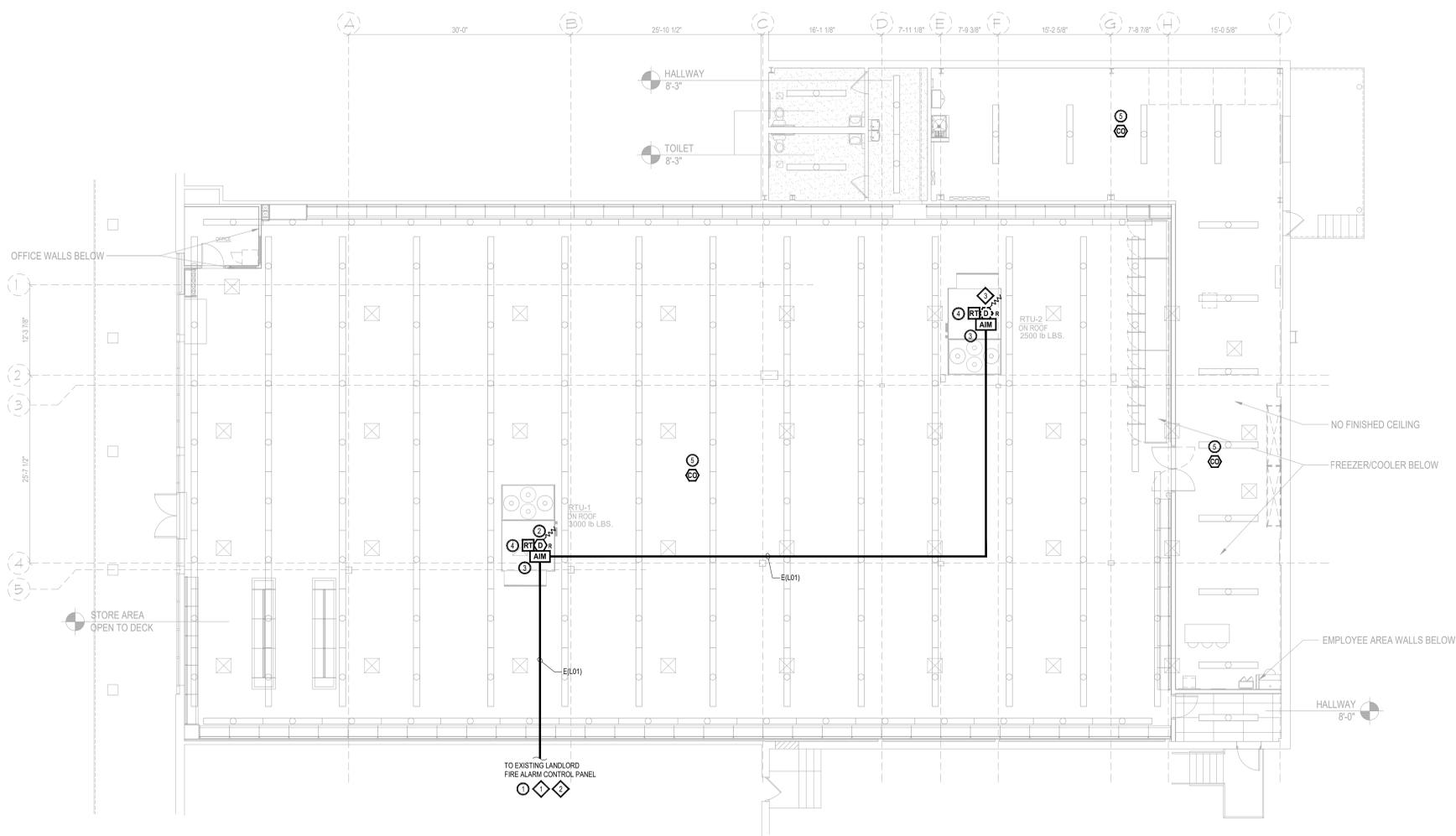
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FIRE ALARM PLAN - NEW WORK
 SCALE: 1/8" = 1'-0"

DOLLAR TREE
 166 S. LIBERTY DRIVE - DEAL #13216 / STORE #2573
 STONY POINT, NY 10980
 FIRE ALARM PLAN - NEW WORK

project
 drawing
 sheet
FA1