



1 FIRE PROTECTION PLAN
SCALE: 1/8" = 1'-0"

FIRE PROTECTION LEGEND

- FE FIRE EXTINGUISHER
- M EXISTING MANUAL PULL STATION
- EXISTING SPRINKLER HEAD
- RELOCATED SPRINKLER HEAD

EXISTING SPRINKLER PIPING AND EXISTING SPRINKLER HEADS TO REMAIN WITHIN THE AREA OF WORK. REFER TO FIRE PROTECTION SPECIFICATIONS AND NOTES FOR ADDITIONAL INFORMATION.

EXISTING DETECTION AND ALARM SYSTEM TO REMAIN WITHIN THE AREA OF WORK. REFER TO THE FIRE ALARM NOTES FOR ADDITIONAL INFORMATION ON SYSTEM REQUIREMENTS.

FIRE PROTECTION SYSTEM SPECIFICATIONS

- BASIC WORK REQUIREMENTS:**
- NOTE THAT THESE FIRE PROTECTION DRAWINGS ARE SCHEMATIC IN INTENT. NEW FIRE PROTECTION SYSTEM SHALL MEET THE REQUIREMENTS OF: NFPA 13, NFPA 25, NFPA 70, NFPA 72, NFPA 170, 2020 BUILDING CODE OF NEW YORK STATE, NATIONAL ELECTRIC CODE (NEC), UNDERWRITER'S LABORATORIES (UL) FIRE PROTECTION EQUIPMENT DIRECTORY (2011 EDITION), FACTORY MUTUAL (FM) AND THE OWNER'S SEPARATE INSURANCE COMPANY & EQUIPMENT MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS AND DATA SHEETS.
 - INSTALLATION AND ACCEPTANCE TESTING OF ALL NEW FIRE PROTECTION EQUIPMENT SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE NFPA STANDARDS.
 - THE CONTRACTOR SHALL SUBMIT TWO (2) COPIES OF FIRE PROTECTION DRAWINGS & HYDRAULIC CALCULATIONS STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
 - THE CONTRACTOR SHALL SUBMIT TWO (2) COPIES OF FIRE ALARM SYSTEM DRAWINGS STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
 - THE CONTRACTOR SHALL SUBMIT TWO (2) COPIES OF SHOP DRAWINGS COVERING ALL MATERIALS & EQUIPMENT BE FURNISHED. SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO START OF WORK. ALL NEW EQUIPMENT SHALL BE CONSISTENT WITH OWNER'S EXISTING EQUIPMENT SPECIFICATIONS.
 - THE CONTRACTOR SHALL OBTAIN ALL PERMITS, LICENSES AND INSPECTIONS AND SHALL PAY ALL LEGAL AND PROPER FEES AND CHARGES IN CONNECTION WITH THIS WORK.
 - ALL WORK SHALL BE GUARANTEED FOR ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE.
 - THE CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF RECORD DRAWINGS AND OPERATING AND MAINTENANCE MANUALS AND INSTRUCT THE OWNER'S PERSONNEL IN OPERATION OF EQUIPMENT AND SYSTEMS.

- CUTTING AND REFINISHING:**
- ALL CUTTING, FITTING, REPAIRING, PAINTING AND FINISHING OF MASONRY AND CARPENTRY WORK, ETC., THAT MAY BE NECESSARY FOR THE OPERATIONS REQUIRED BY THIS CONTRACTOR SHALL BE DONE BY CRAFTSMEN SKILLED IN THEIR RESPECTIVE TRADES AND AT THE EXPENSE OF THIS CONTRACTOR UNLESS OTHERWISE NOTED. IN A MANNER APPROVED BY THE ARCHITECT.
 - THE CONTRACTOR SHALL COORDINATE ALL SPRINKLER HEAD INSTALLATION W/ STRUCTURE, DUCTWORK, DIFFUSERS, LIGHTS AND THE REFLECTED CEILING PLAN.
 - EXISTING CEILING TILES ARE TO BE REMOVED AND REINSTALLED BY THIS CONTRACTOR WHERE WORK OCCURS ABOVE THE SAME, UNLESS OTHERWISE NOTED. ANY DAMAGE TO CEILINGS AS A RESULT OF THIS WORK SHALL BE REPAIRED BY THIS CONTRACTOR. ALL TILES SHALL BE LEFT IN A CLEAN AND UNDAMAGED CONDITION.
 - CUT DRYWALL CEILINGS WHERE WORK OCCURS ABOVE SAME. PATCH CEILINGS TO MATCH ADJACENT SURFACES. CUTTING AND PATCHING OF CEILINGS SHALL BE DONE BY THIS CONTRACTOR.
 - CUT EXISTING WALLS AND FLOORS AS REQUIRED FOR NEW WORK UNLESS OTHERWISE NOTED. PATCH TO MATCH ADJACENT SURFACES.

- SMOKE DETECTORS & CARBON MONOXIDE DETECTORS:**
- REUSE EXISTING UNITS WHERE POSSIBLE. PROVIDE NEW UNITS TO MATCH EXISTING AS REQUIRED.
 - PROVIDE NEW UNITS BY KIDDE OR APPROVED EQUAL.

- AUDIO/VISUAL ANNUNCIATORS:**
- REUSE EXISTING UNITS WHERE POSSIBLE. PROVIDE NEW UNITS TO MATCH EXISTING AS REQUIRED.
 - PROVIDE NEW UNITS BY SIMPLEX OR APPROVED EQUAL.

- MANUAL PULL STATIONS:**
- REUSE EXISTING UNITS WHERE POSSIBLE. PROVIDE NEW UNITS TO MATCH EXISTING AS REQUIRED.
 - PROVIDE NEW UNITS BY SIMPLEX OR APPROVED EQUAL.

- FIRE EXTINGUISHERS:**
- PORTABLE FIRE EXTINGUISHERS & INSTALLATION LOCATIONS ARE TO COMPLY WITH 2020 BUILDING CODE OF NEW YORK STATE AND NFPA.
 - FIRE EXTINGUISHER SHOULD BE MOUNTED MIN. 4" AFF & NO HIGHER THAN 5'-0" AFF.
 - CONTRACTOR TO VERIFY REQUIRED TYPES & ADDITIONAL REQUIRED LOCATIONS WITH THE OWNER.
 - CONTRACTOR TO COORDINATE ANY CHANGES WITH THE ARCHITECT & OWNER.
 - WALL MOUNTED FIRE EXTINGUISHERS TO HAVE MANUFACTURER'S STANDARD MOUNTING BRACKET UNLESS NOTED OTHERWISE.

CARBON MONOXIDE DETECTION NOTES

- CONTRACTOR TO INSTALL A CARBON MONOXIDE DETECTION SYSTEM & COMPONENTS TO COMPLY WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE & NFPA 720.
- DEVICES, COMBINATIONS OF DEVICES, APPLIANCES & EQUIPMENT SHALL COMPLY WITH 2020 BUILDING CODE OF NEW YORK STATE.
- THE CONTRACTOR SHALL SUBMIT TWO (2) COPIES OF CARBON MONOXIDE DETECTION SYSTEM DRAWINGS STAMPED & SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN NEW YORK STATE.
- THE CONTRACTOR SHALL SUBMIT TWO (2) COPIES OF SHOP DRAWINGS COVERING ALL MATERIALS & EQUIPMENT BE FURNISHED. SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO START OF WORK. ALL NEW EQUIPMENT SHALL BE CONSISTENT WITH OWNER'S EXISTING EQUIPMENT SPECIFICATIONS.
- CONNECT ALL NEW FIXTURES & APPLIANCES TO FIRE ALARM CONTROL PANEL OR SECURITY PANEL.
- CONTRACTOR TO PROVIDE AS BUILT DRAWING.
- CARBON MONOXIDE DETECTION SYSTEM SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2020 BUILDING CODE OF NEW YORK STATE.

FIRE & SMOKE ALARM NOTES

- CONTRACTOR TO INSTALL A FIRE ALARM SYSTEM & COMPONENTS TO COMPLY WITH 2020 BUILDING CODE OF NEW YORK STATE, 2020 FIRE CODE OF NEW YORK STATE & NFPA 70 & 72.
- AN APPROVED MANUAL, AUTOMATIC, OR MANUAL & AUTOMATIC FIRE ALARM SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE.
- DEVICES, COMBINATIONS OF DEVICES, APPLIANCES & EQUIPMENT SHALL COMPLY WITH THE STATE OF NEW YORK AND THE 2020 BUILDING CODE OF NEW YORK STATE.
- CONNECT ALL NEW FIXTURES & APPLIANCES TO NEW FIRE ALARM CONTROL PANEL. FIRE ALARM CONTROL PANEL LOCATION TO BE COORDINATED IN FIELD W/ BUILDING DEPARTMENT & FIRE MARSHAL. ALL NEW WATERFLOW AND VALVE SUPERVISORY SWITCHES SHALL BE TIED INTO THE EXISTING BUILDING ADDRESSABLE FIRE ALARM CONTROL UNIT.
- FIRE ALARM CONTRACTOR TO PROVIDE AS BUILT DRAWING.
- CARBON MONOXIDE DETECTION SYSTEM SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2020 BUILDING CODE OF NEW YORK STATE.

SMOKE ALARM NOTES

- SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WITH NO SWITCHES IN THE CIRCUIT OTHER THAN THE OVER CURRENT DEVICE PROTECTING THE BRANCH CIRCUIT AS PER SECTION C26-1705.3.
- APPROVED AND OPERATIONAL SMOKE ALARM DEVICES SHALL BE INSTALLED IN MECHANICAL ROOMS, ELECTRICAL SWITCH GEAR ROOMS AND TELEPHONE CLOSETS OVER 75 SQ.FT. IN FLOOR AREA IN ALL BUILDINGS.
- SMOKE ALARMS SHALL BE PROVIDED IF THE COST OF IMPROVEMENT EXCEEDS THE SUM ONE HUNDRED FIFTY THOUSAND DOLLARS OR THERE HAS BEEN A CHANGE IN THE OCCUPANCY OR USE OF THE STRUCTURE.
- ALL SMOKE ALARMS TO BE COMBINATION SMOKE & CARBON MONOXIDE.
- A CERTIFICATE OF SATISFACTORY INSTALLATION FOR SMOKE ALARMS MUST BE FILED WITH THE AUTHORITY HAVING JURISDICTION.
- ALL SMOKE ALARMS SHALL BE ADDRESSABLE WITH POINT IDENTIFICATION.

M&T Bank

OWNER
M&T BANK

PROJECT
M&T HARRISON
389 HALSTEAD AVE
HARRISON, NY 10528

SCHEID
ARCHITECTURAL

CONTACT
O. 716.884.0059
F. 716.884.6414
SCHEIDAIA.COM

#	ISSUE DATE	DESCRIPTION
04/22/2022	CHECK SET	
04/28/2022	PERMIT SET	

SEAL/SIGNATURE

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SHEET TITLE
FIRE PROTECTION PLAN &
SPECIFICATIONS

PROJECT NUMBER
2022-009
PLOT DATE
5/3/2022 4:54:24 PM
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