INFORMATION ON CONTRACT DOCUMENTS IS GENERAL INFORMATION AND FOR BID PURPOSES ONLY. PERFORM REQUIRED CALCULATIONS AND COORDINATE WITH OTHER TRADES.

3 DEVIATIONS FROM ENGINEERS LAYOUT WILL NOT BE CONSIDERED UNLESS A FORMALLY SUBMITTED RFI IS RECEIVED AND APPROVED. PROVIDE ADDITIONAL MATERIALS AND LABOR REQUIRED DUE TO LACK OF COORDINATION OR TO MEET AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER REQUIREMENTS AT NO

ADDITIONAL COST TO 365. PROVIDE ALL EQUIPMENT AND LABOR REQUIRED FOR A COMPLETE

AND OPERATIONAL FIRE ALARM SYSTEM. PROVIDE AUDIBLE AND VISIBLE NOTIFICATION APPLIANCES

AS INDICATED ON THE DRAWINGS. DO NOT INSTALL SMOKE DETECTORS IN A DIRECT AIR FLOW NOR CLOSER THAN 3 FEET (1 METER) FROM AN AIR SUPPLY DIFFUSER

OR RETURN AIR OPENING. PROVIDE DUCT DETECTION AND SHUTDOWN FOR AIR DISTRIBUTION SYSTEMS EXCEEDING 2000 CFM. DUCT SMOKE DETECTION SHALL TRANSMIT A SUPERVISORY SIGNAL TO THE FACP.

PROVIDE FIRE ALARM EQUIPMENT AND CONNECTIONS REQUIRED TO SHUTDOWN FAN POWERED AIR DISTRIBUTION EQUIPMENT THAT IS LESS THAN 2000 CFM AND IS NOT PROVIDED WITH DUCT SMOKE DETECTION WHEN IT'S RESPECTIVE AIR HANDLING UNIT IS SHUTDOWN.

10. FORWARD COMPLETED FIRE ALARM CERTIFICATE OF COMPLETION

11. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

TYPICAL PIPE HANGER

REFERENCE PLAN FOR PIPING CONTINUATION

INTERMEDIATE

LEVEL WATER

PENDENT

SPRINKLER

WITH HEAD

TRASH CHUTE OPENING

OPTION "B" INSTALLATION PROCEDURE

CORE DRILL 2 1/2" DIAMETER HOLE IN THE FREEZER/COOLER INSULATED

FIRE ALARM DEMOLITION NOTES:

1. PRIOR TO SUBMITTING BID, CONTRACTOR MUST VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW GENERAL NOTES, SPECIFICATIONS AND ALL APPLICABLE DRAWINGS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER OR 365, AS DEFINED IN BID DOCUMENTS, OF CONFLICTS OR DISCREPANCIES PRIOR TO SUBMITTING BID. ADDITIONAL COMPENSATION WILL NOT BE PAID FOR LACK OF SUCH DETERMINATION, FAMILIARIZATION, AND/OR ALLOWANCE.

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND SITE VISITS AND MAY NOT REFLECT ACTUAL "AS-BUILT" CONDITIONS.

3. COORDINATE NEW WORK AND DEMOLITION WITH OTHER DISCIPLINES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

4. PERFORM ALL WORK ACCORDING TO THE PHASING SCHEDULE FOR THIS PROJECT. PROVIDE ALL TEMPORARY DESIGN AND/OR CONFIGURATIONS THAT MEET APPLICABLE CODE REQUIREMENTS AS NECESSARY TO CONFORM TO THE REQUIRED CONSTRUCTION PHASING OF THE PROJECT.

5. ONLY THE PORTIONS OF THE BUILDING AFFECTED BY THE SCOPE OF THE PROJECT HAVE BEEN SHOWN. INFORMATION SHOWN AS EXISTING TO REMAIN IS NOT BEING MODIFIED AS A PART OF THIS

6. ALL WORK SHALL BE PERFORMED SO AS TO NOT INTERRUPT SERVICE. THE CONTRACTOR SHALL PROPERLY NOTIFY THE LANDLORD. THE LEASER AND ADJACENT TENANTS A MINIMUM OF 48 HOURS IN ADVANCE BEFORE PROCEEDING WITH THIS WORK.

7. EQUIPMENT AND CONDUIT TO BE REMOVED SHALL BE KEPT FOR REINSTALLATION DURING THE CONSTRUCTION PHASE WHEN POSSIBLE AND/OR INDICATED ON THE DRAWINGS. AVOID DAMAGE TO SALVAGED EQUIPMENT AND CONDUIT DURING DEMOLITION PHASE. PROPERLY DISPOSE OF WIRING AND MATERIAL THAT ARE REMOVED AND ARE NOT REQUESTED TO BE SALVAGED BY 365.

REMOVE ALL UNUSED AND DEMOLISHED EQUIPMENT AND ASSOCIATED MATERIALS FROM SITE. ABANDONING UNUSED PORTIONS WILL NOT BE ACCEPTABLE.

9. AVOID DAMAGING EXISTING SURFACES AND EQUIPMENT TO REMAIN. REPAIR DAMAGE CAUSED DURING WORK AT NO EXTRA COST TO 365.

10. PATCH ALL OPENINGS IN AREAS THAT REMAIN TO MATCH ADJACENT SURFACES AFTER EXISTING EQUIPMENT IS REMOVED AND VACATED.

11. FIRE ALARM SYSTEM(S) NOT ASSOCIATED WITH THE DEMOLITION SHALL BE LEFT IN SERVICE AS APPLICABLE.

FIRE SPRINKLER GENERAL NOTES:

1. SPRINKLER SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL BE IN ACCORDANCE WITH NFPA 13. SYSTEM SHALL ALSO MEET ALL APPLICABLE BUILDING CODES, FIRE CODES AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER. VERIFY REQUIREMENTS PRIOR TO BID SUBMITTAL.

2. INFORMATION ON CONTRACT DOCUMENTS IS GENERAL INFORMATION AND FOR BID PURPOSES ONLY. LAYOUT SYSTEM, PERFORM REQUIRED CALCULATIONS AND COORDINATE WITH OTHER TRADES.

LACK OF COORDINATION AND TO MEET AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER REQUIREMENTS AT NO ADDITIONAL COST TO 365. 4. MODIFY EXISTING SPRINKLER SYSTEM. RELOCATE AND/OR

PROVIDE ADDITIONAL SPRINKLERS, PIPING, HANGERS, ETC. COORDINATE WITH WALLS, CEILINGS, LIGHTS, DIFFUSERS, STRUCTURE, OBSTRUCTIONS, ETC., IN AREAS AFFECTED BY SCOPE OF WORK.

5. COORDINATE SPRINKLER SYSTEM MODIFICATIONS TO MINIMIZE

SYSTEM IMPAIRMENT. PROVIDE FIRE WATCH AND INTERIM FIRE PROTECTION MEASURES WHERE REQUIRED BY THE AUTHORITY HAVING JURISDICTION, INSURANCE CARRIER OR 365. 6. COORDINATE PIPE ROUTING NEAR ELECTRICAL EQUIPMENT WITH

NFPA 70. 7. COORDINATE SPRINKLER TEMPERATURES NEAR HEAT-PRODUCING SOURCES WITH NFPA 13.

8. DO NOT CONNECT MORE THAN ONE SPRINKLER TO AN EXISTING ONE- INCH OUTLET.

9. ROUTE PIPING AND DROPS IN BACK OF HOUSE AREAS VISIBLE FROM SALES FLOOR WITH OTHER TRADES WHERE POSSIBLE TO MINIMIZE VISIBILITY FROM SALES FLOOR.

10. REMOVE ALL ABANDONED PIPING, FITTINGS, HANGERS, ETC. 11. FORWARD COMPLETED CONTRACTOR MATERIAL TEST

CERTIFICATES TO 365. 12. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PRIORITY | SYSTEM OUTPUTS

FIRE SPRINKLER DEMOLITION NOTES:

1. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER AND/OR 365 OF CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

. EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND SITE VISITS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. COORDINATE NEW WORK AND DEMOLITION WITH OTHER DISCIPLINES AND 3. PROVIDE ADDITIONAL MATERIALS AND LABOR REQUIRED DUE TO EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

365 RETAINS RIGHTS OF SALVAGE FOR EQUIPMENT AND FIXTURES TO BE REMOVED. COORDINATE WITH 365 THE EQUIPMENT AND FIXTURES TO BE SALVAGED AND THE LOCATION FOR STORAGE. AVOID DAMAGE TO EQUIPMENT, FIXTURES AND DEVICES DURING DEMOLITION WORK AND

PERFORM ALL WORK ACCORDING TO THE PHASING SCHEDULE FOR THIS PROJECT. PROVIDE ALL TEMPORARY DESIGN AND/OR CONFIGURATIONS THAT MEET APPLICABLE CODE REQUIREMENTS AS NECESSARY TO CONFORM TO THE REQUIRED CONSTRUCTION PHASING OF THE PROJECT.

DURING TRANSPORT TO 365'S DESIGNATED STORAGE LOCATION.

5. ONLY THE PORTIONS OF THE BUILDING AFFECTED BY THE SCOPE OF THE PROJECT HAVE BEEN SHOWN. INFORMATION SHOWN AS EXISTING TO REMAIN IS NOT BEING MODIFIED AS A PART OF THIS PROJECT.

6. ALL WORK SHALL BE PERFORMED SO AS TO NOT INTERRUPT SERVICE. THE CONTRACTOR SHALL PROPERLY NOTIFY 365, LANDLORD, THE LEASER AND ADJACENT TENANTS AS APPLICABLE A MINIMUM OF 48 HOURS IN ADVANCE BEFORE PROCEEDING WITH THIS WORK.

REMOVE ALL UNUSED AND DEMOLISHED EQUIPMENT AND ASSOCIATED MATERIALS FROM SITE. ABANDONING UNUSED PORTIONS WILL NOT BE ACCEPTABLE.

8. AVOID DAMAGING EXISTING SURFACES AND EQUIPMENT TO REMAIN FOR NEW INSTALLATION. REPAIR ANY DAMAGE CAUSED DURING WORK AT NO EXTRA COST TO 365.

9. SEAL ALL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS AND ROOFS WHERE FIRE SPRINKLER COMPONENTS ARE REMOVED AND WHERE THE EXISTING PENETRATION IS NOT USED FOR THE NEW INSTALLATION. REPAIR SURFACES TO MATCH ADJACENT AREAS.

10. FIRE SPRINKLER SYSTEM(S) NOT ASSOCIATED WITH THE DEMOLITION SHALL BE LEFT IN SERVICE AS APPLICABLE.

11. VERIFY THAT EXISTING EQUIPMENT TO REMAIN IS OPERATING PROPERLY. NOTIFY THE ARCHITECT, ENGINEER AND/OR 365 OF ANY DAMAGED AND/OR MALFUNCTIONING COMPONENTS.

12. ALL SYSTEMS TO BE LEFT IN SERVICE PRIOR TO THE END OF EACH WORKDAY.

FIRE PROTECTION SYMBOLS

THIS IS A MASTER LEGEND AND NOT ALL SYMBOLS, ETC. ARE

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ENGINEERING SUSTAINAB ENERGY SOLUTIONS

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FACE ETR-FIRE ALARM CONTROL PANEL/UNIT FAAP RECESSED FIRE ALARM ANNUNCIATOR PANEL REMOTE POWER SUPPLY RT REMOTE TEST STATION WITH INDICATING LIGHT KNOX BOX PULL STATION SMOKE DETECTOR (E INDICATES ELEVATOR RECALL)

DUCT MOUNTED SMOKE DETECTOR (SD=SUPPLY/RD=RETURN) WALL MOUNTED AUDIBLE/VISIBLE NOTIFICATION

APPLIANCE, ## INDICATES CANDELA CEILING MOUNTED VISIBLE NOTIFICATION ## APPLIANCE, ## INDICATES CANDELA

NOTE: NECESSARILY USED ON THE DRAWINGS.

FIRE ALARM

PIPING

CEILING MOUNTED AUDIBLE/VISIBLE NOTIFICATION ## APPLIANCE, ## INDICATES CANDELA ETR-EXTERIOR NOTIFICATION APPLIANCE

FIRE PROTECTION (FP) FIRE DEPARTMENT CONNECTION SPRINKLER RISER STANDARD MOUNTING HEIGHTS (AFF, AFG, UNLESS NOTED OTHERWISE

AUDIBLE APPLIANCES (CENTERLINE) FIRE ALARM ANNUNCIATOR PANEL (DISPLAY) FIRE ALARM BELL (EXTERIOR) 120" FIRE ALARM CONTROL PANEL/UNIT (DISPLAY) PULL STATIONS (HANDLE) VISIBLE APPLIANCES (CENTERLINE)

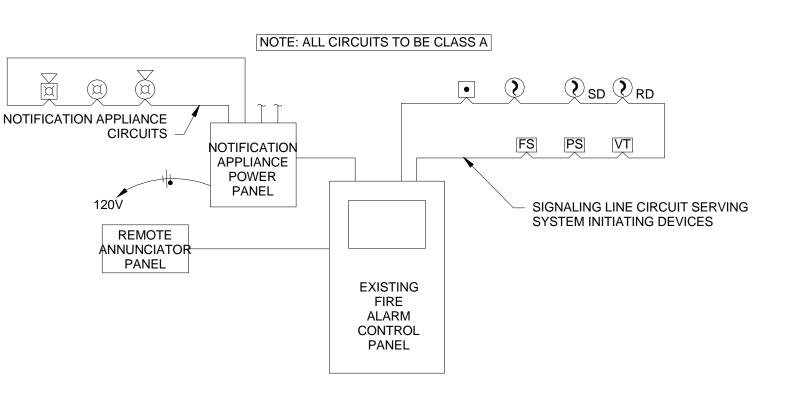
ANNOTATION (1) FIRE PROTECTION PLAN CALLOUT CONNECTION POINT OF NEW WORK TO EXISTING 1 DETAIL REFERENCE UPPER NUMBER INDICATES DETAIL

FP1 NUMBER LOWER NUMBER INDICATES SHEET NUMBER SECTION CUT DESIGNATION

ABBREVIATIONS AFF ABOVE FINISHED FLOOR NOT IN CONTRACT AFG ABOVE FINISHED GRADE OC ON CENTER CD CANDELA POST INDICATOR VALVE PROVIDE FURNISH AND INSTALL DUCTILE IRON DI PRESSURE REDUCING VALVE ESFR EARLY SUPPRESSION PRV FAST RESPONSE RD RETURN DUCT ETR EXISTING TO REMAIN REV REVISION FHC FIRE HOSE CABINET SUPPLY DUCT FIRE PROTECTION SQUARE FEET CONTRACTOR **TYPICAL** UNDERWRITERS JUNCTION BOX LABORATORIES, INC. UNLESS NOTED OTHERWISE MAXIMUM MINIMUM VOLT(S) NOT APPLICABLE WEATHERPROOF

WATER SUPPLY INFORMATION:

WATER SUPPLY INFORMATION IS NOT AVAILABLE AT THIS TIME. CONTRACTOR SHALL OBTAIN CURRENT WATER SUPPLY INFORMATION PRIOR TO BID SUBMITTAL.

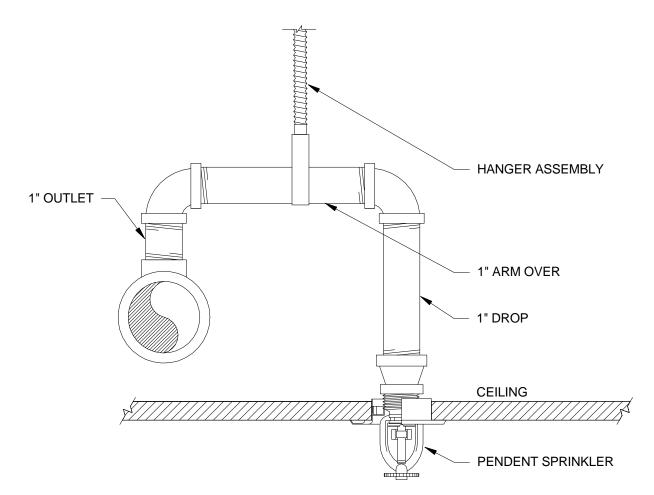


RISER DIAGRAM IS SCHEMATIC IN NATURE. NOT ALL DEVICES ARE SHOWN. REFER TO PLANS FOR EQUIPMENT QUANTITIES AND LOCATIONS.

DUCT DETECTORS MAY HAVE INTEGRAL RELAYS FOR AIR HANDLING UNIT SHUT-DOWN AND FIRE/SMOKE DAMPER CONTROL. WIRING FOR THIS FUNCTION HAS NOT BEEN SHOWN. COORDINATE WITH MECHANICAL SYSTEM INSTALLER.

REFER TO PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

FIRE ALARM RISER DIAGRAM - ADDRESSABLE SYSTEM



PROVIDE HANGER ASSEMBLY THAT PREVENTS UPWARD MOVEMENT OF THE PIPE WHEN ARMOVER LENGTH EXCEEDS 12-INCHES AND SYSTEM STATIC PRESSURE AT THE SPRINKLER EXCEEDS 100 PSI. PROVIDE HANGER WHEN ARMOVER LENGTH EXCEEDS 24-INCHES AND SYSTEM STATIC PRESSURE AT THE SPRINKLER DOES NOT EXCEED 100 PSI

APPLICABLE CODE REQUIREMENTS.

SEQUENCE OF OPERATIONS INDICATED IS SCHEMATIC. MODIFY TO SUIT CONDITIONS

SYSTEM INPUTS

FIRE DEPARTMENT KEY BOX VALVE TAMPER SWITCH (KNOX BOX

SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - OPEN

SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - SHORT

SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - GROUND

AND MEET APPLICABLE CODE REQUIREMENTS.

MANUAL PULL STATION

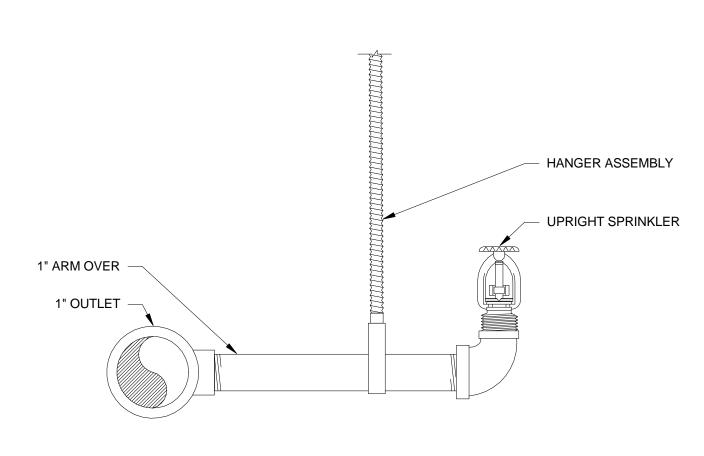
VALVE TAMPER SWITCH

KITCHEN HOOD SYSTEM

SMOKE DETECTOR - SPOT TYPE

WATERFLOW ALARM SWITCH

SMOKE DETECTOR - DUCT MOUNTED



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AB C DEF

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PROVIDE HANGER WHEN ARMOVER LENGTH EXCEEDS 24 INCHES. ARRANGEMENT SHOWN IS SCHEMATIC. MODIFY TO SUIT CONDITIONS AND MEET APPLICABLE CODE REQUIREMENTS.

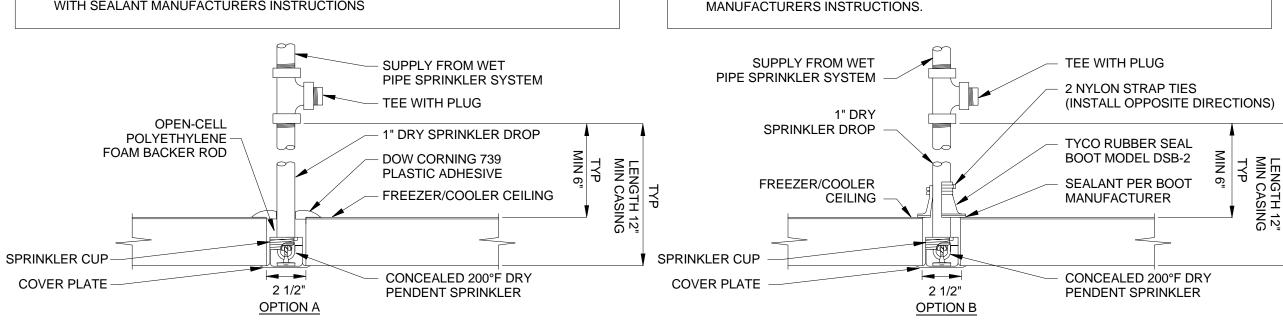
UPRIGHT SPRINKLER

CEILING PANEL. LOCATE HOLE AND REQUIRED SPRINKLER PROTECTION CEILING PANEL FROM BELOW. LOCATE HOLE AND REQUIRED SPRINKLER IN ACCORDANCE WITH NFPA 13 OBSTRUCTION CRITERIA (SSP TYPE PROTECTION IN ACCORDANCE WITH NFPA 13 OBSTRUCTION CRITERIA (SSP SPRINKLERS). MAINTAIN 6" CLEARANCE FROM COOLER SEAMS. TYPE SPRINKLERS). MAINTAIN 6" CLEARANCE FROM COOLER SEAMS. INSTALL DRY PENDENT SPRINKLER PER MANUFACTURERS INSTALLATION INSTALL TYCO DRY PENDENT SPRINKLER PER MANUFACTURERS INSTALLATION REQUIREMENTS. INSERT BOOT PRIOR TO MAKE-UP WITH PIPING. COMPLETELY FILL ANNULAR CEILING OPENING BETWEEN THE ESCUTCHEON AND . COMPLETELY SEAL INTERFACE BETWEEN BOOT FLANGE AND TOP OF TOP OF CEILING PANEL WITH OPEN-CELL POLYETHYLENE FOAM BACKER ROD. FREEZER/COOLER PANEL WITH ADHESIVE PROVIDED WITH BOOT IN EXPANDED FOAM IS NOT PERMITTED. ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. I. INJECT DOW CORNING 739 PLASTIC ADHESIVE SEALANT INTO AND AROUND THE TOP OF THE FREEZER/COOLER CEILING CORE OPENING IN ACCORDANCE 4. APPLY STRAP TIES ON BOOT AROUND DRY SPRINKLER BARREL PER WITH SEALANT MANUFACTURERS INSTRUCTIONS MANUFACTURERS INSTRUCTIONS. SUPPLY FROM WET SUPPLY FROM WET PIPE SPRINKLER SYSTEM PIPE SPRINKLER SYSTEM

OPTION "A" INSTALLATION PROCEDURE

CORE DRILL 2 1/2" DIAMETER HOLE IN THE FREEZER/COOLER INSULATED

6 COMPACTOR SPRINKLER



NOTE: CONTRACTOR TO SEAL DRY PENDENT SPRINKLERS AT FREEZER/COOLER USING ONE OF THE OPTIONS ABOVE. FREEZER-COOLER DRY PENDENT SPRINKLER

PENDENT SPRINKLER

ARRANGEMENT SHOWN IS SCHEMATIC. MODIFY TO SUIT CONDITIONS AND MEET

FIRE PROTECTION

SYMBOLS, NOTES 8

Document date

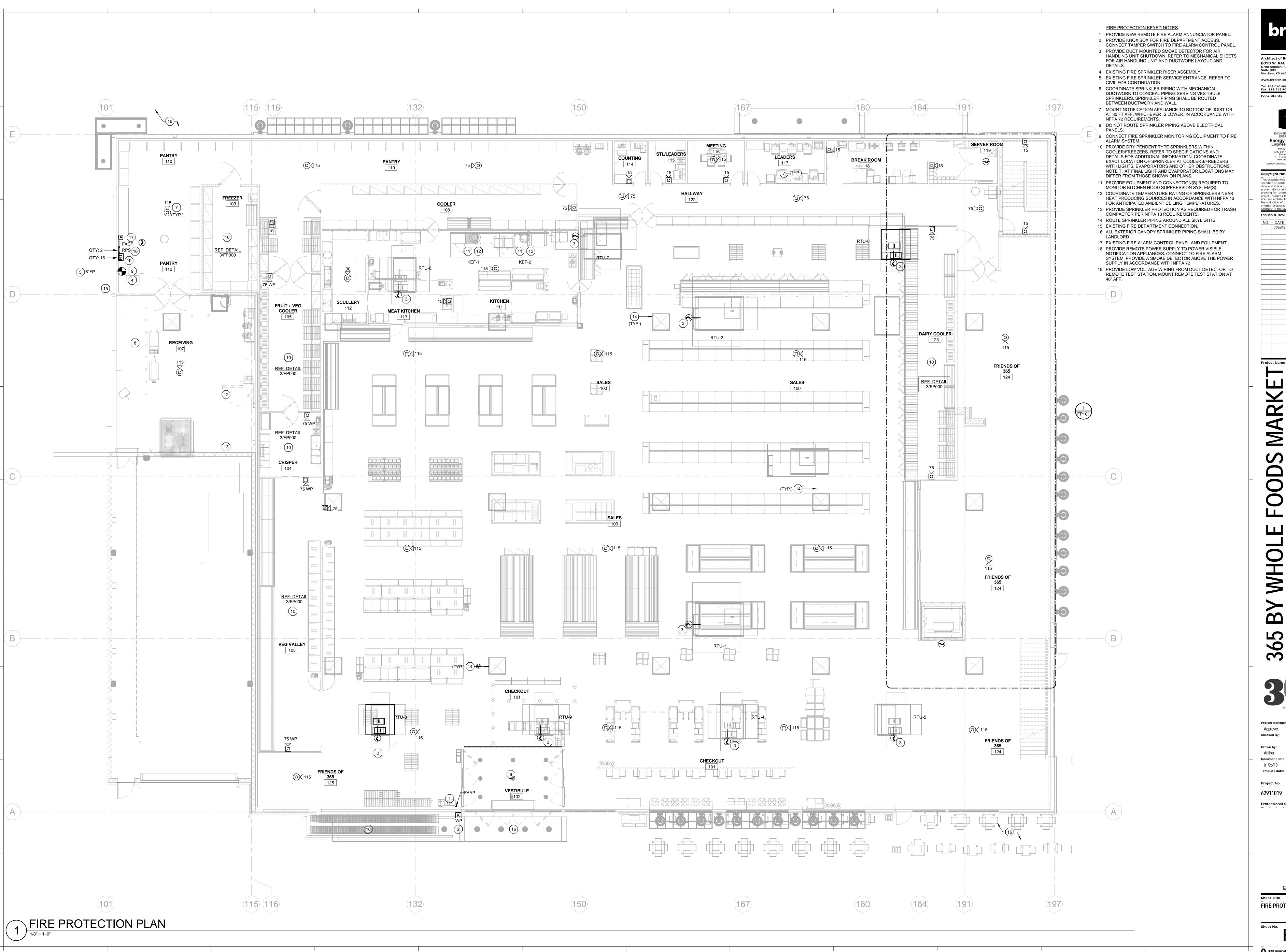
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