



WWW.LDILine.com

**SPRINKLER NOTES:**

- THE INTENT OF THIS PLAN IS TO INDICATE THE GENERAL LAYOUT OF THE SPRINKLER HEAD LOCATIONS. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR THE EXACT LOCATION OF ALL SPRINKLER HEADS AND TYPES OF HEADS USED. HEAD LOCATIONS TO ALIGN WITH LIGHT FIXTURE GRID. ADD HEADS AS REQUIRED TO ALIGN TO OWNER'S CONSTRUCTION MANAGER'S APPROVAL.
- FIRE PROTECTION CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL OBSTRUCTIONS INCLUDING: PIPING, STRUCTURAL STEEL, CONDUIT, DUCTWORK, EQUIPMENT AND MISCELLANEOUS ITEMS BEFORE INSTALLATION OF SPRINKLER SYSTEM TO AVOID INTERFERENCES.
- FABRICATION, ERECTION AND TESTING OF ALL PIPING SYSTEMS SHALL BE IN ACCORDANCE WITH OWNERS GENERAL REQUIREMENTS, N.F.P.A. #13, 24, 231 & 231C AND LOCAL CODE & AUTHORITIES.
- FIRE PROTECTION CONTRACTOR SHALL MAKE ALL DRAWINGS, SUBMITTALS, TEST CERTIFICATE SUBMITTALS AND PAY ALL REQUIRED FEES TO THE OWNERS INSURING AGENT AND LOCAL AUTHORITIES FOR REQUIRED PERMITS.
- FIRE PROTECTION CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF CONNECTION TO FIRE LINE INSTALLED. LOCATION OF ALL INTERFERENCES NOT SHOWN ON THESE DRAWINGS, AS WELL AS LOCATION TO INSTALL INSPECTOR'S TEST STATION, ROSE CONNECTIONS AND FIRE DEPT. SIAMENSE CONNECTION.
- LANDLORD APPROVED CONTRACTOR SHALL BE EMPLOYED BY THE TENANT TO MODIFY, INSTALL SYSTEM AND REPAIR CONTRACT DOCUMENTS FOR CODE AND LANDLORD'S INSURER APPROVAL.
- ALL WORK SHALL BE COORDINATED WITH LANDLORD'S FIELD REPRESENTATIVE.
- ALL SYSTEMS SHALL BE CHARGED AND OPERATIONAL WHEN THE CONTRACTOR DEPARTS THE PREMISES.
- LANDLORD APPROVED FIRE PROTECTION CONTRACTOR SHALL BE EMPLOYED BY THE MECHANICAL CONTRACTOR TO PERFORM ALL SPRINKLER SYSTEM MODIFICATIONS.
- SPRINKLER PIPES FEEDING COVERAGE BELOW STORAGE DECKS ARE TO BE FED BY ROUTING LINES DOWN FULL HEIGHT WALLS AROUND PERIMETER OF DECK. FULL OPEN CLEARANCE OF STORAGE DECK IS TO BE MAINTAINED.

**SPRINKLER DESIGN CRITERIA:**

- SPRINKLER SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH NFPA 13 AND APPROPRIATE FM GLOBAL DATA SHEETS TO DELIVER A MINIMUM DESIGN DENSITY OF 0.15 GPM/SQ. FT. OVER THE HYDRAULICALLY MOST REMOTE 2,500 SQ. FT. FOR RETAIL AREAS AND 0.20 GPM/SQ. FT. OVER THE MOST REMOTE 3,000 SQ. FT. FOR STORAGE AREAS.
- WHERE STORAGE HEIGHTS EXCEED 12 FT. OR PLASTICS WILL BE STORED, SYSTEM SHALL BE IN ACCORDANCE WITH FP DATA SHEET 9.9.
- FM GLOBAL SHALL BE CONTACTED FOR DESIGN CRITERIA WHERE ROLLING SHELF UNITS OR SOLID SHELF RACK STORAGE IS USED.
- ALL PIPING SHALL BE SCHEDULE 40 BLACK STEEL THREADED FOR PIPING 2" AND SMALLER. PIPING LARGER THAN 2" SHALL BE SCHEDULE 40 BLACK STEEL THREADED OR THREADED IN BLACK STEEL ROLL GROOVED.
- TRIPLE WALL LIGHT WALL PIPING SHALL NOT BE USED.
- SYSTEM COMPONENTS SHALL BE UL-LISTED AND FM-APPROVED.
- SOFFITS WITH 8" OR GREATER DIFFERENCE MUST HAVE ADDITIONAL SPRINKLER HEADS.
- ANY SMALL ENCLOSED SPACES WITH ELECTRICAL EQUIPMENT MUST HAVE A SMOKE DETECTOR.
- SPRINKLER VALVE MUST BE LABELED AS "SPRINKLER VALVE" WITH TENANT NAME AND SPACE NUMBER ON A RED BACKGROUND WITH WHITE LETTERS.
- EXISTING SPRINKLER HEADS MAY BE REUSED/RELOCATED WHERE EXISTING HEADS ARE IN GOOD CONDITION AND MEET ALL CODES AND SPECIFICATIONS

**SPRINKLER CODED NOTES:**

- EXISTING RESTROOM. VERIFY SPRINKLER COVERAGE WITH CODES. CLEAN SPRINKLER AND INSPECT FOR DAMAGE, CORROSION, ETC. THAT MAY PREVENT PROPER OPERATION. INFORM GENERAL CONTRACTOR OF ANY PROBLEMS, ETC.
- NEW SPRINKLER HEADS SHOWN FOR LOCATION/ CEILING COORDINATION ONLY. THE G.C. AND SPRINKLER CONTRACTOR ARE TO PROVIDE CONSTRUCTION DRAWINGS THAT ACCURATELY REFLECT ALL OR ANY MODIFICATIONS TO THE SPRINKLER SYSTEM AS REQUIRED FOR THE DESIGN INTENT SHOWN WHICH SHALL CONFORM TO, BUT NOT LIMITED TO ALL CURRENT LOCAL AND STATE BUILDING, FIRE, ELECTRICAL CODES AND/OR OTHER REQUIREMENTS PER THE AHJ. IT SHALL BE THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR TO ENSURE THAT THE DESIGN CONFORMS TO CURRENT CODES. THIS INCLUDES BUT IS NOT LIMITED TO THE TYPE OF SYSTEM PROVIDED AS REQUIRED BY THE GOVERNING CODES. REROUTING OF SPRINKLER PIPES, BRANCHES, MAINS, TYPE OF HEADS TO BE INSTALLED, TURNING OF HEADS UP OR DOWN, LOCATION AND QUANTITY OF HEADS, ETC. THE SPRINKLER CONTRACTOR SHALL COORDINATE THEIR DESIGN WITH ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND HEIGHTS, AND SHALL DESIGN THE SPRINKLER SYSTEM ACCORDINGLY. EXISTING CONDITIONS SHALL BE PRESUMED TO NOT CONFORM TO CURRENT CODES OR BE PROPERLY DESIGNED FOR NEW CONDITIONS OR CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID AND COMPLETION OF CONSTRUCTION DRAWINGS.

VERIFY ALL CONDITIONS IN THE FIELD BEFORE BIDDING.

NOTE:  
 AVOID CONFLICTS WITH DUCTWORK OR SIMILAR OBSTRUCTIONS THAT WOULD ALTER HEAD COVERAGE IN BACK OF HOUSE, AND THROUGHOUT SPACE.

SPRINKLER PLAN IS FOR REFERENCE ONLY

**SPRINKLER LEGEND**

SYMBOL	TYPE
●	FULLY RECESSED SPRINKLER HEAD
⊙	SEMI-RECESSED SPRINKLER HEAD
○	UPRIGHT SPRINKLER HEAD
E	EXISTING

**FIRE SPRINKLER SYSTEM**

FIRE SPRINKLER SYSTEM TO BE MODIFIED PER NEW TENANT SPACE DRAWINGS AS REQUIRED BY STANDARDS AND LOCAL CODES. FIRE SPRINKLER FABRICATION DRAWINGS TO BE SUBMITTED BY TENANT FIRE PROTECTION CONTRACTOR TO BUILDING DEPARTMENT BEFORE WORK COMMENCES. REFER TO SPECIFICATIONS FOR PRE-SUBMITTAL INFORMATION.

**FIELD VERIFY ALL CONDITIONS**

DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTORS COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

PROJECT  
 CHARLOTTE PREMIUM OUTLETS

5518 NEW FASHION WAY  
 SUITE #510  
 CHARLOTTE, NC 28278

DRAWING TITLE  
 SPRINKLER PLAN

DRAWING INFORMATION  
 Job Number: 219007  
 Checked By: CSD  
 Drawn By: WPK  
 DRAWING NUMBER

SP  
 110