



SPRINKLER HEAD TYPE MOUNTING

FIRE PROTECTION RESPONSIBILITY SCHEDULE						
ITEM	FURNISHED BY ESDC VENDOR	LANDLORD CONTR.	INSTALLED BY LANDLORD CONTR. OTHER	RE-USE EXISTING	N/A	REMARKS
SPRINKLER PIPING		FPC	FPC			
SPRINKLER HEADS		FPC	FPC			
FIRE EXTINGUISHERS		FPC	FPC			
AS-BUILTS DRAWINGS		FPC				
PAINTING OF EXPOSED PIPE, ESCUTCHEONS, ETC.		GC	GC			COLOR TO MATCH SURROUNDING FINISH
FINISH/COLOR OF EXPOSED COVERPLATES, HEADS, ETC.		FPC				ORDER FACTORY FINISH TO MATCH SURROUNDING COLOR

A	SCOPE OF WORK		1. PROVIDE A COMPLETE AND OPERABLE FIRE PROTECTION SYSTEM AS IT APPLIES TO THE DEMISED PREMISE.
	2. WHERE APPLICABLE, THE CONTRACTOR SHALL CONTRACT THIS WORK WITH A LANDLORD APPROVED FIRE PROTECTION CONTRACTOR. ALL MATERIALS AND EQUIPMENT UNDER THIS SECTION SHALL BE NEW AND LISTED BY UNDERWRITERS LABORATORIES, INC. FOR FIRE PROTECTION SYSTEM INSTALLATION.		3. THE FIRE PROTECTION SYSTEM SHALL BE AS FOLLOWS:
B	SHOP DRAWINGS AND DESIGN		1. IN ACCORDANCE WITH THE PREVAILING STANDARDS, BUT IN NO LESS THAN THAT REQUIRED BY NFPA 13, THIS FIRE PROTECTION CONTRACTOR SHALL PREPARE COMPLETE CALCULATIONS AND SHOP DRAWINGS. SIX (6) COPIES SHALL BE SUBMITTED TO THE GENERAL CONTRACTOR AND ADDITIONAL SETS AS REQUIRED TO THE PROPER CODE AUTHORITIES FOR APPROVAL (NO WORK SHALL BEGIN UNTIL ALL APPROVALS HAVE BEEN RECEIVED).
	2. COPY OF THE LETTER OF APPROVAL FROM THE LANDLORD'S INSURANCE RATING BUREAU SHALL BE FORWARDED TO THE LANDLORD'S AGENT AND TO THE ESDC PROJECT MANAGER.		3. LISTED BELOW ARE MINIMUM REQUIREMENTS FOR SPRINKLER SYSTEM DESIGN AND INSTALLATION. SYSTEM SHALL BE HYDRAULICALLY DESIGNED:
C	SPRINKLER HEADS		1. ALL SPRINKLER HEADS SHALL BE NEW (EXISTING HEADS IN EXISTING ESDC STORES ARE NOT TO BE REPLACED UNLESS NOTED OTHERWISE), U.L. AND F.M. LISTED AND APPROVED AUTOMATIC SPRAY TYPE AS MANUFACTURED BY AUTOMATIC SPRINKLER, GRINNELL, RELIABLE, OR VIKING.
	2. ALL SPRINKLER HEADS SHALL BE RATED AS FOLLOWS OR AS REQUIRED BY LOCAL CODES:		1. SCHEDULE 40 BLACK STEEL, ASTM A-53 WELDED AND SEAMLESS, ANSI B-36-10-70 FOR WROUGHT STEEL PIPE.
D	PIPING, FITTINGS & VALVES:		2. CAST IRON OR MALLEABLE IRON SCREWED FITTINGS FOR PIPES 2 INCHES AND SMALLER, SCREWED OR CAST IRON FLANGED JOINTS FOR PIPES LARGER THAN 2 INCHES. FITTING SHALL BE APPROVED FOR ITS PSI WORKING PRESSURE.
	3. GALVANIZED OR BLACK MALLEABLE IRON WITH BRASS SEAT SCREWED UNIONS FOR PIPES 2 INCHES AND SMALLER.		4. VICTAULIC TYPE COUPLINGS ARE ACCEPTABLE WHERE APPROVED BY LOCAL CODE AND THE LANDLORD.
E	INSTALLATION		1. A FIRE PROTECTION SYSTEM TAP IS NORMALLY FURNISHED BY THE LANDLORD, VERIFY IN FIELD PRIOR TO BID.
	2. WHENEVER AN EXISTING SPRINKLER SYSTEM IS BEING RENOVATED, THE INTEGRITY AND RELIABILITY OF THE EXISTING SYSTEM SHALL BE MAINTAINED.		3. ORIGINAL SPRINKLER SHOP DRAWINGS SHALL BE ACQUIRED THROUGH THE MALL MANAGER/PROJECT MANAGER. HOWEVER, THE SPRINKLER CONTRACTOR SHALL VERIFY THE EXISTING SPRINKLER SYSTEM IN THE FIELD AND SHALL COORDINATE WITH AND SHOW DISCREPANCIES BETWEEN THE ORIGINAL SHOP DRAWINGS AND FIELD CONDITIONS IN THE RENOVATED SHOP DRAWINGS.
F	SPRINKLER HEAD TYPE MOUNTING		1. SCHEDULE 40 BLACK STEEL, ASTM A-53 WELDED AND SEAMLESS, ANSI B-36-10-70 FOR WROUGHT STEEL PIPE.
	2. CAST IRON OR MALLEABLE IRON SCREWED FITTINGS FOR PIPES 2 INCHES AND SMALLER, SCREWED OR CAST IRON FLANGED JOINTS FOR PIPES LARGER THAN 2 INCHES. FITTING SHALL BE APPROVED FOR ITS PSI WORKING PRESSURE.		3. GALVANIZED OR BLACK MALLEABLE IRON WITH BRASS SEAT SCREWED UNIONS FOR PIPES 2 INCHES AND SMALLER.
G	CLG TILE SPRINKLER HEAD LAYOUT		4. VICTAULIC TYPE COUPLINGS ARE ACCEPTABLE WHERE APPROVED BY LOCAL CODE AND THE LANDLORD.
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EXPRESS

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712

PKG B  
FALL 2014  
130832

NEW PACKAGE:  
DG GENERATION:  
94869 A/E PROJECT #:

SCOPE TYPE:  
ESD&C PROJECT #:

PROJECT INFORMATION:

EXPRESS  
SPRINGFIELD TOWN CENTER  
6847 SPRINGFIELD MALL  
SPACE NO. 1-22049  
SPRINGFIELD, VA 22150

REVISIONS:

REQUIRED BY: DATE  
1 05/13/14  
2 04/08/14  
3 05/06/14

INDICATES NO REVISION TO THIS SHEET

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LAKE JACKSON, TX  
PHONE: 979-283-0712  
NOTE: THESE PRINTS HAVE BEEN  
REDUCED BY 50 PERCENT SCALE  
WILL BE 50 PERCENT OF WHAT IS  
NOTED ON PLANS

02/14/14

DATE ISSUED: 02/14/2014  
DESIGNED BY: GH  
DRAWN BY: GH  
CHECKED BY: JD

FIRE PROTECTION  
SPECIFICATIONS  
AND DETAILS

DRAWING NUMBER:  
F03.1

FIRE PROTECTION RESPONSIBILITY SCHEDULE E FIRE PROTECTION SPECIFICATIONS A