



NOTE: CEILING CAVITY HEIGHT MEASURED AT +/- 8"

**SPRINKLER SYSTEM DESIGN CRITERIA**

<b>LIGHT HAZARD OCCUPANCY</b> (PATIENT ROOMS, TOILET ROOMS, LOBBY AREAS)	
AREA OF APPLICATION:	1500 SQ. FT. (REMOTE AREA)
MAXIMUM COVERAGE PER SPRINKLER:	225 SQ. FT.
DESIGN DENSITY:	0.10 GPM PER SQUARE FOOT
SPACING BETWEEN SPRINKLERS:	15'-0" MAXIMUM
DISTANCE BETWEEN SPRINKLERS & WALLS:	1/2 OF ALLOWABLE DISTANCE BETWEEN SPRINKLERS
<b>ORDINARY HAZARD (GROUP 1) OCCUPANCY</b> (STORAGE ROOMS, KITCHEN SPACES)	
AREA OF APPLICATION:	1500 SQ. FT. (REMOTE AREA)
MAXIMUM COVERAGE PER SPRINKLER:	130 SQ. FT.
DESIGN DENSITY:	0.15 GPM PER SQUARE FOOT
SPACING BETWEEN SPRINKLERS:	15'-0" MAXIMUM
DISTANCE BETWEEN SPRINKLERS & WALLS:	1/2 OF ALLOWABLE DISTANCE BETWEEN SPRINKLERS

- DRAWING GENERAL NOTES:**
- CONTRACTOR SHALL ALLOW FOR PIPE ELEVATION CHANGES TO ACCOMMODATE CEILING HEIGHT VARIATIONS
  - ALL EXISTING SPRINKLER HEADS AND PIPING THROUGHOUT BASEMENT LEVEL SHALL BE REMOVED. FIELD SURVEY TO DETERMINE EXACT SCOPE OF REMOVALS
  - CEILING CAVITY CONDITIONS ARE EXTREMELY TIGHT. CONTRACTOR SHALL FIELD SURVEY PRIOR TO SUBMISSION OF BID.
  - REMOVE EXISTING ALARM CHECK VALVE, CHECK VALVE AND ALL OTHER SOPRINKLER PIPE AND COMPONENTS AT AND ABOVE FLOOR AS REQUIRED TO ACCOMMODATE NEW PUMP PACKAGE AND BACKFLOW PREVENTER INSTALLATION

EXIST. 2nd floor (typ) 48 beds /flr

1	05/22/13	FOR APPROVAL
NO.	DATE:	DESCRIPTION:
REVISIONS		
SPRINKLER CONTRACTOR		
Fulton Plumbing & Heating Corp		
57-11 58 St Maspeth NY 11378		
Tel # 718-326-0035		
Fax # 718-326-0058		
<b>MARC HOFFMAN</b> CERTIFIED CAD DRAFTER 646-641-2512		
167 ALLEN ROAD ROCKVILLE CENTRE NEW YORK, 11570 CADD SULTANT@YAHOO.COM WWW.CADD SULTANT.COM		
PROJECT AND DWG NAME:		
MEADOWPARK NURSING HOME SECOND FLOOR SPRINKLER PLAN		
ADDRESS:		
78-10 164TH STREET FLUSHING, NY 11366		
Scale: 3/16"=1'-0" Date: 05/22/13 Drawing Number		
<b>SP-104</b>		