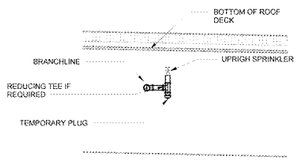
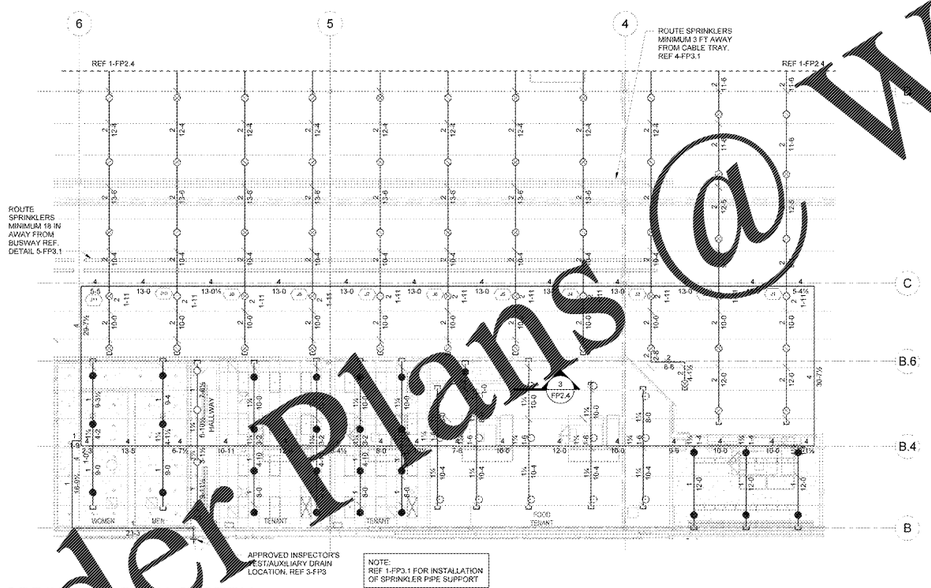
CONTRACTOR TO INSTALL SPRINKLERS IN SPECIFIED AREAS TO ALLOW FOR THE EASY ADDITION OF RECESSED PENDENT SPRINKLERS WHEN CEILING IS ADDED IN UNFINISED TENANT SPACES. ADDING DROPS AND RECESSED SPRINKLERS IS NOT PART OF THIS SCOPE OF WORK.



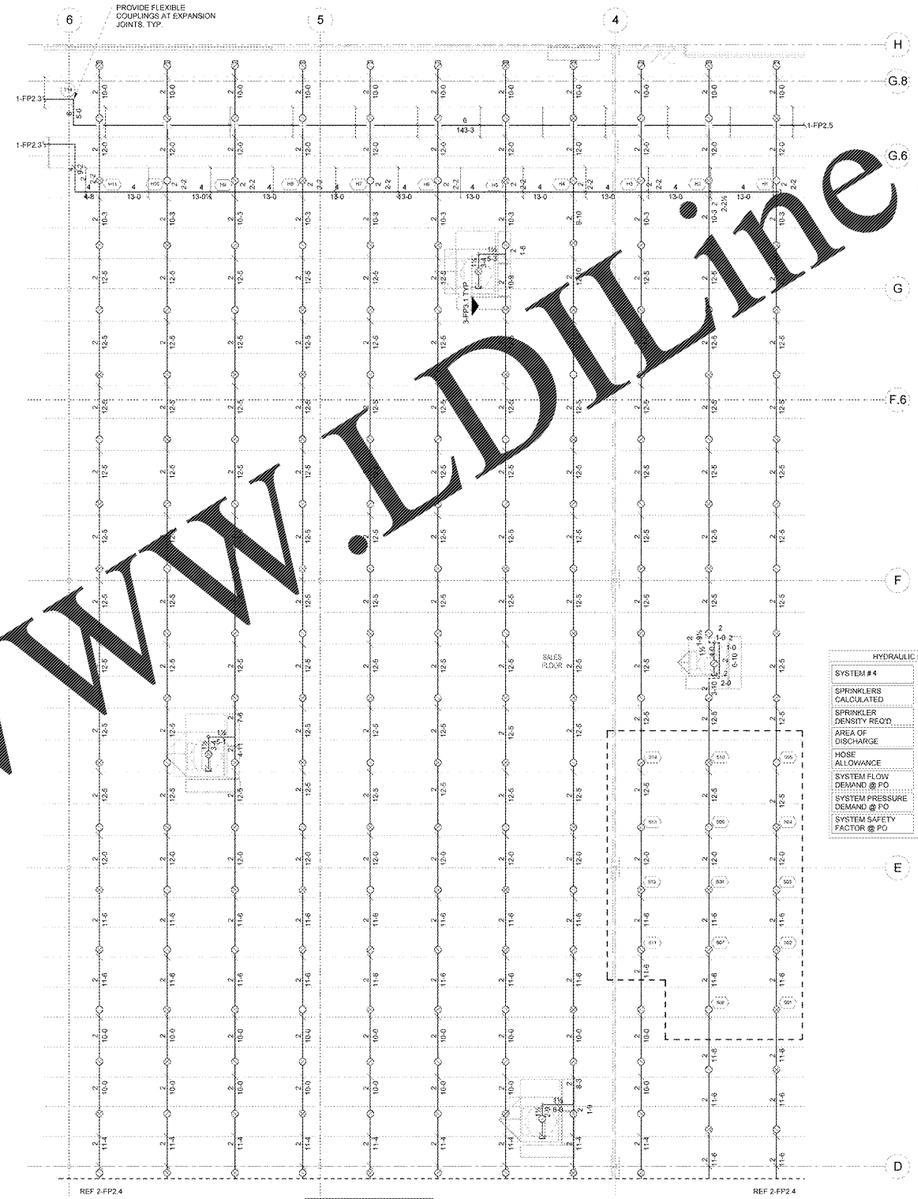
3 UNFINISHED TENANT SPRINKLER
3/4" = 1'-0"



NOTE:
REF 1-FP3.1 FOR INSTALLATION OF SPRINKLER PIPE SUPPORT

2 SPRINKLER PLAN SYSTEM 4
3/32" = 1'-0"

SCALE: 3/32"=1'-0"

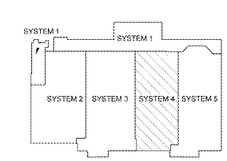


NOTE:
REF 1-FP3.1 FOR INSTALLATION OF SPRINKLER PIPE SUPPORT

1 SPRINKLER PLAN SYSTEM 4
3/32" = 1'-0"

SCALE: 3/32"=1'-0"

HYDRAULIC DESIGN	
SYSTEM # 4	AREA #5 SALES FLOOR
SPRINKLERS CALCULATED	14 SPRINKLERS
SPRINKLER DENSITY REQ'D	0.425 GPM/SQ FT
AREA OF DISCHARGE	2000 SQ FT
HOSE ALLOWANCE	500 GPM
SYSTEM FLOW DEMAND @ PO	1549.31 GPM
SYSTEM PRESSURE DEMAND @ PO	108.39 PSI
SYSTEM SAFETY FACTOR @ PO	23.38 PSI



KEY PLAN

RETAIL DESIGN COLLABORATIVE

STIPULATION FOR REUSE

CONSULTANTS

Ricky N. Terrell P.E.

Walmart

LEESBURG, VIRGINIA

STORE NO: 1904

JOB NUMBER: 11030-26 PROTO: 04/28/17

ISSUE BLOCK

11/30/17 OTB

CHECKED BY:	ERP
DRAWN BY:	REI
FILE NAME:	FP2.4
PROTO CYCLE:	19585
DOCUMENT DATE:	09/13/17

BID SET NOT FOR CONSTRUCTION

FIRE SPRINKLER PLAN SYSTEM 4

SHEET: FP2.4

Order Plans @ www.LDILine.com