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DPW FILE NUMBER

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DRAWN BY

REVISIONS
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SEAL

Joseph H. Griner III, P.E. FL. 39491

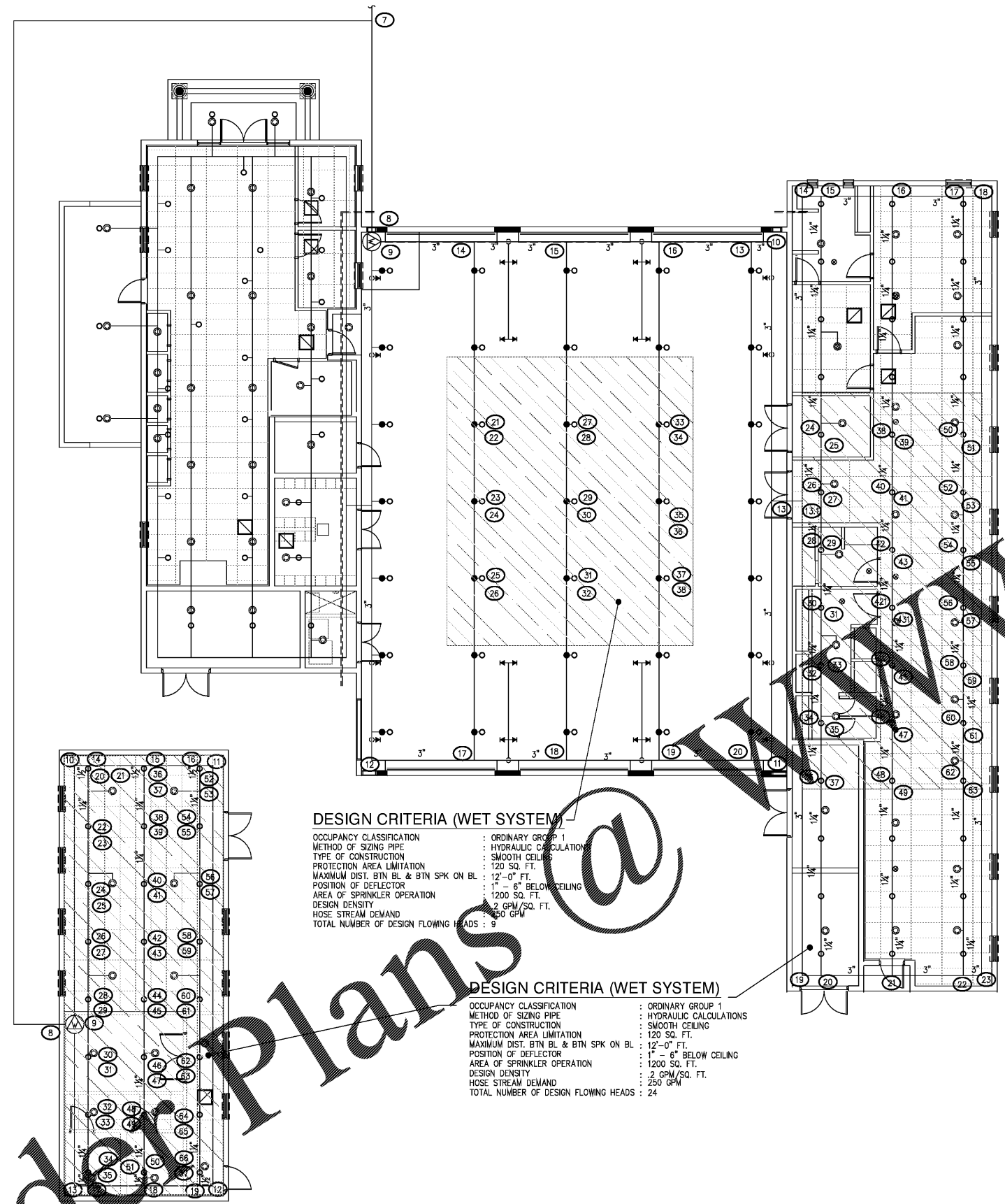
SCALE: 1/8" = 1'-0"

FIRE PROTECTION ATTIC PLAN

SHEET NUMBER

FP-3.1

X OF X



NOTES:
 1. ALL CROSS MAIN LINES ARE 2 1/2" BLACK STEEL SCHEDULE 10 UNLESS OTHERWISE NOTED.
 2. ALL BRANCH LINES ARE 1" BLACK STEEL SCHEDULE 40 UNLESS OTHERWISE NOTED.
 3. SPRINKLER RISER AND FREE STANDING FIRE DEPARTMENT CONNECTION PIPING IS SCHEDULE 40 GALVANIZED STEEL PIPE.

SPRINKLER HEADS AND LEGEND - BASIS OF DESIGN						
TYPE	RESPONSE	"K"	ORF	NPT	TEMP. H / C	FINISH HEAD / ESCH. SYMBOL
CONCEALED	QR	5.6	1/2"	1/2"	155°F	WHITE / WHITE ○
UPRIGHT	QR	5.6	1/2"	1/2"	155°F	BRASS ○
PENDENT	QR	5.6	1/2"	1/2"	155°F	BRASS ●
SIDEWALL	QR	5.6	1/2"	1/2"	155°F	BRASS ✕

SPRINKLERS MODEL NUMBER & FINISH SHALL BE APPROVED BY OWNER / ARCHITECT BEFORE FINAL ORDER IS MA

DESIGN CRITERIA (WET SYSTEM)

OCCUPANCY CLASSIFICATION : ORDINARY GROUP 1
 METHOD OF SIZING PIPE : HYDRAULIC CALCULATION
 TYPE OF CONSTRUCTION : SMOOTH CEILING
 PROTECTION AREA LIMITATION : 120 SQ. FT.
 MAXIMUM DIST. BTN BL & BTN SPK ON BL : 12'-0" FT.
 POSITION OF DEFLECTOR : 1" - 6" BELOW CEILING
 AREA OF SPRINKLER OPERATION : 1200 SQ. FT.
 DESIGN DENSITY : 2 GPM/SQ. FT.
 HOSE STREAM DEMAND : 250 GPM
 TOTAL NUMBER OF DESIGN FLOWING HEADS : 9

DESIGN CRITERIA (WET SYSTEM)

OCCUPANCY CLASSIFICATION : ORDINARY GROUP 1
 METHOD OF SIZING PIPE : HYDRAULIC CALCULATIONS
 TYPE OF CONSTRUCTION : SMOOTH CEILING
 PROTECTION AREA LIMITATION : 120 SQ. FT.
 MAXIMUM DIST. BTN BL & BTN SPK ON BL : 12'-0" FT.
 POSITION OF DEFLECTOR : 1" - 6" BELOW CEILING
 AREA OF SPRINKLER OPERATION : 1200 SQ. FT.
 DESIGN DENSITY : 2 GPM/SQ. FT.
 HOSE STREAM DEMAND : 250 GPM
 TOTAL NUMBER OF DESIGN FLOWING HEADS : 24

FIRE SPRINKLER ATTIC PLAN
 SCALE: 1/8" = 1'-0"

Order Plans @ www.ldlinc.com

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Date	06-15-2017
Drawn	JL
Designed	JL
EOR	JHG
Job no.	17049