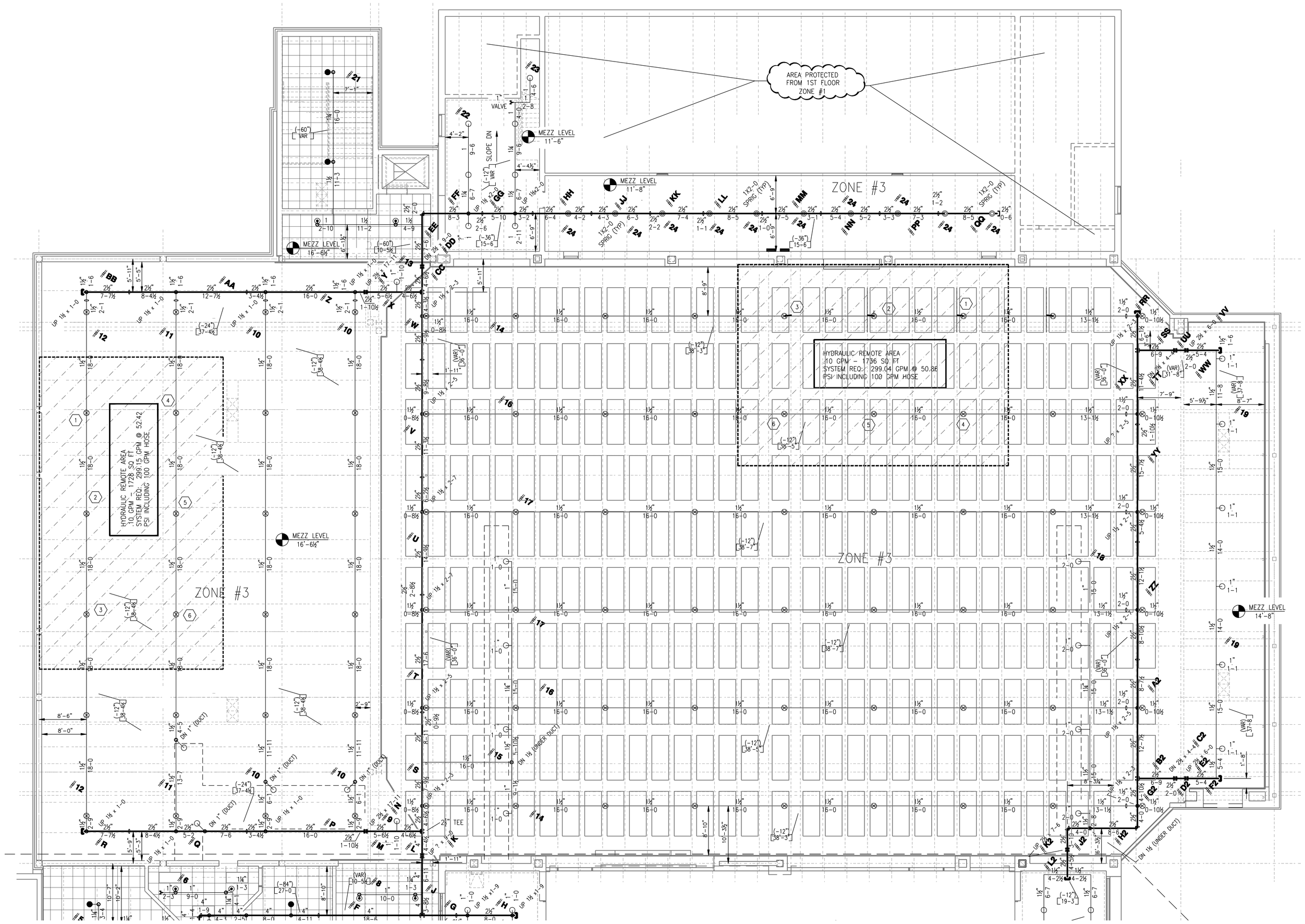

2ND FLOOR -UNIT A SPRINKLER PLAN

SCALE 1/8"=1'-0"

GENERAL NOTES

1. ALL SPRINKLERS TO BE CENTERED IN CEILING TILE (BOTH DIRECTIONS)
2. ALL SPRINKLER PIPING TO HAVE LABELS AND MARKERS
3. HANGERS TO BE INSTALLED AND LOCATED PER NFPA #13
4. SYSTEM TO BE INSTALLED AND TESTED PER NFPA #13.
5. DESIGN CRITRIA TO BE LIGHT HAZARD OR ORDINARY HAZARD GROUP 1:
   0.10 GPM/SQ.FT. OVER 1500 SQ.FT. PLUS 100 GPM OF OUTSIDE HOSE
   0.15 GPM/SQ.FT. OVER 1500 SQ.FT. PLUS 250 GPM OF OUTSIDE HOSE
6. ALL PIPING 2" AND SMALLER TO BE SCH. 40 BLACK WITH C.I. FITTINGS.
7. ALL PIPING 2½" AND LARGER TO SCHEDULE 10 BLACK WITH GROOVED FITTINGS.

GRUNAU COMPANY, LLC
AS-BUILT DRAWING
SIGNED: MRM DATE: JUNE 02, 2009

NO.	DATE	REVISIONS
#	--	---

FLOW INFORMATION

CITY STATIC PRESSURE 58 PSI
RESIDUAL PRESSURE 56 PSI
FLOW 1100 GPM
PUMP RATED CAPACITY N/A GPM
RATED PRESSURE N/A PSI

SYSTEMS DESIGN CRITERIA

■ WET ☐ DRY ☐ DELUGE ☐ PRE-ACTION
SQ. FT. MAX HEAD SPACING
PIPE SIZING BASED ON CALCS.
HYDRAULIC CALCULATIONS
DENSITY GPM/SQ. FT.
REMOTE SQ. FT.

PIPE / FITTING MATERIAL

LINES: ■ SCH 40 BLK STL ☐ BLT PIPE ☐ OTHER
MAINS: ☐ SCH 40 BLK STL ■ SCH 10 (LW) ☐ OTHER
LINES: ■ 125 CAST IRON THRD ☐ SLIP TYPE ☐ OTHER
MAINS: ■ WELDED OUTLETS ■ GROOVED FITTINGS ☐ OTHER

LINES ARE SHOWN	☐ CUT	■ CL-CL
MAINS ARE SHOWN	☐ CUT	■ CL-CL

SPRINKLER HEAD SYMBOLS:

1.	BRASS QR 1/2" UPRIGHT, 155° K=5.6	55
2.	BRASS QR 3/4" EXT COV UPRIGHT, 155° K=8.1	153
3.	REC'D CHR QR 1/2" PEND, 155° K=5.6	128
4.	BRASS QR 1/2" UPRIGHT, 200° K=5.6	29
5.	REC'D CHR QR 3/4" EXT COV PEND, 155° K=8.1	125
6.	NOT USED	--
7.	NOT USED	--
8.	CHR HORIZ QR SIDEWALL 1/2", 155° K=5.6	--
	JOB TOTAL	520

NORTH

PROJECT: LAWRENCE CENTRAL HIGH SCHOOL
INDIANAPOLIS, IN

TITLE: 2ND FLOOR - UNIT A (FIRE PROTECTION PLAN)

JOB No. 40304 | ENGR: | PROJ MGR: BOB HARLOW | DATE: 7/13/07
SCALE: 1/8"=1'-0"
COLOR: PLAIN
SYST. No.: ONE

GRUNAU
FIRE PROTECTION SYSTEMS
4341 W. 96TH STREET
INDIANAPOLIS, IN 46268

SHEET No. FP2 OF FP6