



1ST FLOOR - UNIT C SPRINKLER PLAN  
SCALE 1/8"=1'-0"

NO.	DATE	REVISIONS	FLOW INFORMATION	SYSTEMS DESIGN CRITERIA	PIPE / FITTING MATERIAL	SPRINKLER HEAD SYMBOLS:
1	6/29	COORDINATED GYM PIPING W/ HVAC	CITY STATIC PRESSURE: 58 PS RESIDUAL PRESSURE: 46 PS FLOW: 1100 GPM PUMP RATED CAPACITY: N/A GPM RATED PRESSURE: N/A PSI	<input type="checkbox"/> WET <input type="checkbox"/> DRY <input type="checkbox"/> DELUGE <input type="checkbox"/> PRE-ACTION 50 FT. MAX. HEAD SPRING PIPE SIZING BASED ON: <b>CAUSE</b> HYDRAULIC CALCULATIONS MINISTRY: 500/20 FT. RISE: 50 FT.	UNES: SCH 40 BLK STL <input type="checkbox"/> BLK PIPE <input type="checkbox"/> GALV PIPE <input type="checkbox"/> OTHER: _____ UNES: #120 CAST IRON HUB <input type="checkbox"/> CAST IRON <input type="checkbox"/> OTHER: _____ UNES: WOODLUM OUTLETS <input type="checkbox"/> OTHER: _____ UNES: WOODLUM FITTINGS <input type="checkbox"/> OTHER: _____ <input type="checkbox"/> UNES: WOODLUM <input type="checkbox"/> UNES: WOODLUM	1) ROSS OR TYPICALLY 18" K&S 2) ROSS OR TYPICALLY 18" K&S 3) ROSS OR TYPICALLY 18" K&S 4) ROSS OR TYPICALLY 18" K&S 5) ROSS OR TYPICALLY 18" K&S 6) NOT USED 7) NOT USED 8) CHR HODGE OR BENDWALL 18" K&S 9) TOTAL

**PROJECT:** LAWRENCE CENTRAL HIGH SCHOOL  
INDIANAPOLIS, IN

**TITLE:** 1ST FLOOR - UNIT C (FIRE PROTECTION PLAN)

**JOB NO.:** 40354  
**ENGINEER:** BOB HARGREAV  
**DATE:** 7/13/07

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

**DATE:** 7/13/07  
**SHEET NO.:** FP4 OF FP6

**GRUNAU COMPANY, LLC**  
AS-BUILT DRAWING  
DATE: JUNE 20, 2009

- GENERAL NOTES**
1. ALL SPRINKLERS TO BE CENTERED IN CEILING TILE (BOTH DIRECTIONS)
  2. ALL SPRINKLER PIPING TO HAVE LABELS AND MARKERS #13
  3. ALL SPRINKLER PIPING TO BE INSTALLED AND TESTED PER NFPA #13
  4. SYSTEM TO BE LIGHT HAZARD OR ORDINARY HAZARD GROUP 1:
  5. DESIGN CRITERIA 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 2 1/2" AND LARGER TO SCHEDULE TO BLACK WITH GROOVED FITTINGS.