FIRE PROTECTION NOTES: 1. CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE 100% HYDRAULICALLY CALCULATED AUTOMATIC WET PIPE SPRINKLER SYSTEM AS SPECIFIED, SERVING THE RENOVATED AND NEW AREAS. THE SPRINKLER SYSTEM SHALL BE DESIGNED TO NFPA-13R REQUIREMENTS. 2. CONTRACTOR SHALL USE THE FOLLOWING NFPA-13 OCCUPANCY CLASSIFICATIONS IN THE DESIGN OF AND CALCULATIONS FOR THE ALTERED AUTOMATIC SPRINKLER SYSTEM. CORRIDORS, OFFICES, HOTEL ROOMS, CONFERENCE ROOMS, ETC. : LIGHT HAZARD: STORAGE ROOMS, MECHANICAL ROOMS, ELECTRICAL ROOMS, ETC.: ORDINARY HAZARD GROUP 1. 3. SPRINKLER AREA EXCEPTIONS AND ADJUSTMENTS SHALL BE USED FOR THIS BUILDING PER NFPA-13. 4. ALL A/S HEADS SHOWN IN SPACES WITHOUT CEILINGS SHALL BE INSTALLED WITHIN 12" OF UNDERSIDE OF FLOOR ABOVE AND IN ACCORDANCE WITH NFPA-13. ADDITIONAL HEADS MAY BE REQUIRED, AND SHALL BE PROVIDED AROUND OBSTRUCTIONS IN ACCORDANCE WITH NFPA-13. 5. CONTRACTOR SHALL INSTALL SPRINKLER HEADS IN CENTER OF 24" X 24" CEILING TILES AND AT 12" INTERVALS ALONG LONG AXIS OF 24" X 48" CEILING TILES. HEADS SHALL BE A MINIMUM OF 12" OFF OF CEILING TILE SUPPORT GRID. 6. A/S SPRINKLER PIPING SHALL BE INSTALLED AS CLOSE TO STRUCTURE AS POSSIBLE. COORDINATE CEILING CLEARANCES WITH ALL OTHER TRADES PRIOR TO SYSTEM FABRICATION. 7. ALL SYSTEMS SHALL BE INSTALLED TO MEET THE REQUIREMENTS OF NFPA, THESE DOCUMENTS, FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION. NO PART OR SECTION OF NFPA (ALL CHAPTERS) SHALL BE VIOLATED. WHERE THE REQUIREMENTS OF THE CONTRACT DOCUMENTS ARE LESS STRINGENT THAN THE REQUIREMENTS OF THE INSURANCE UNDERWRITER, THE UNDERWRITER'S REQUIREMENTS SHALL TAKE PRECEDENCE. 8. THE AUTOMATIC SPRINKLER SYSTEM SHALL BE ZONED AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER, LOCAL WATER UTILITY, AND/OR THE LOCAL FIRE DEPARTMENT FOR THE 9. PERFORMANCE OF A FLOW TEST IN ACCORDANCE WITH NFPA-13 REQUIREMENTS. 10. CONTRACTOR SHALL COORDINATE WITH ALL DISCIPLINES INVOLVED PRIOR TO FABRICATION OR INSTALLATION TO AVOID ANY PIPE ROUTING PROBLEMS OR OBSTRUCTIONS. 11. PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE SLEEVED AND/OR PATCHED AS DIRECTED BY THE SPECIFICATIONS. SEE ARCHITECTURAL (A-SERIES) DRAWINGS FOR FINAL FINISHES. 12. ALL NEW SPRINKLER PIPING SHALL BE SCH. 40 STEEL. THREADED, GROOVED, OR WELDED JOINTS AND FITTINGS MAY BE USED. FLEXIBLE SPRINKLER DROPS SERVING SPRINKLERS IN CEILINGS SHALL BE ALLOWED. 3/8" CONCRETE INSERT W/ 3/8" X 1" BOLT ··· 🗸 · 🛆 ∆ . <u>∆</u> . TOLCO FIG. 980 TOLCO FIG. 980 END CLAMP END CLAMP --1-1/4" PIPE (COJ) -1-1/4" PIPE (COJ) PIPE— TOLCO FIG. 980 END CLAMP -TOLCO FIG. 1000 TOLCO FIG. # 4A FAST CLAMP RISER CLAMP 1. FOR 8" & 6" PIPE USE 1/2" MATERIALS 1. FOR 8" & 6" PIPE USE 1/2" MATERIALS IN LIEU OF 3/8" IN LIEU OF 3/8" SEISMIC BRACING SHALL BE PROVIDED 2. SEISMIC BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA-13 IN ACCORDANCE WITH NFPA-13 LONGITUDINAL SWAY BRACE LATERAL SWAY BRACE (3) 2 NOT TO SCALE / NOT TO SCALE -TYPICAL 1" FITTING TYPICAL BRANCH LINE -1" × 1/2" UP-RIGHT BRASS REDUCER -TYPICAL 1" DROP A/S HEAD NIPPLE " CLOSE TYPICAL 1" \times 1/2" NIPPLE LINE -BRANCH LINE -TYPICAL FINISHED -TYPICAL UPRIGHT SPRINKLERS IN TYPICAL SUSPENDED CEILING CEILING OPEN CEILING ARRANGEMENT PLATE -TYPICAL PENDANT SPRINKLER HEAD

RETURN BEND ARRANGEMENT

NOTE:

1

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS, INCLUDING EXACT TYPES OF SPECIFIED AUTOMATIC SPRINKLER HEADS, REFER TO FLOOR PLANS FOR LOCATIONS OF DIFFERENT TYPES OF SPECIFIED A/S HEADS.

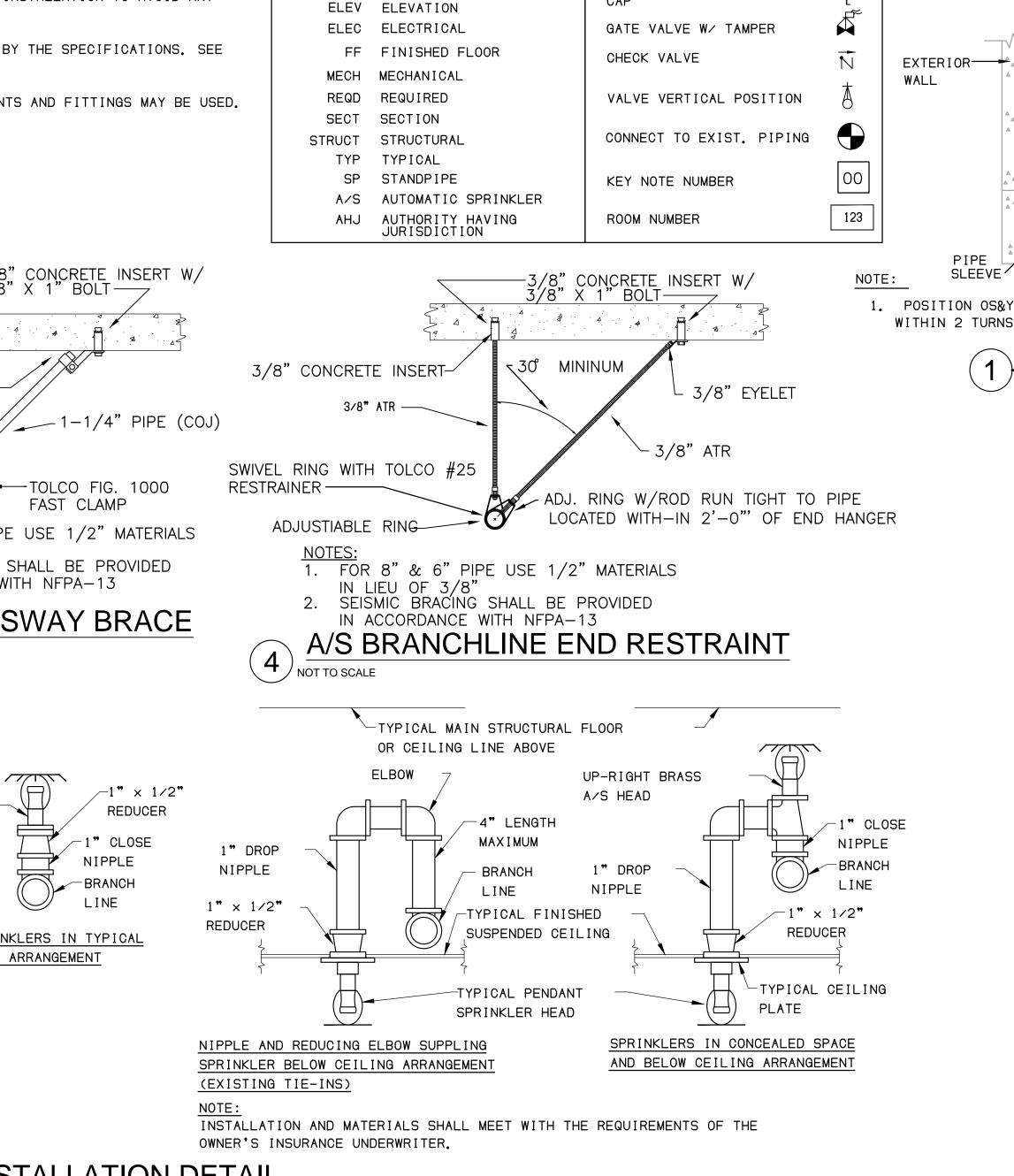
STRAIGHT DROP ARRANGEMENT

 $(5)_{\text{NOT TO SCALE}}$

2

SPRINKLER HEAD INSTALLATION DETAIL

3



SYMBOL

TEMP.

LINE TYPE

ABBREVIATIONS

ARCH ARCHITECTURAL

CONC CONCRETE

DWG DRAWING

DN DOWN

AFE ABOVE FINISHED FLOOR

FIRE LEGEND

DESCRIPTION

- DRY PIPE A/S

-FIC ---------- FIRE DEPARTMENT CONNECTION

FIRE SUPPLY

AUTOMATIC SPRINKLER (A/S)

× VARIES STANDARD COVERAGE QUICK RESPONSE BRASS UPRIGHT 155 °F \odot STANDARD COVERAGE QUICK RESPONSE RECESSED PENDENT, CHROME FIN. 155 °F STANDARD COVERAGE QUICK RESPONSE CONCEALED PENDENT, FACTORY WHITE FIN. 155 °F EXTENDED COVERAGE QUICK RESPONSE HORIZONTAL SIDEWALL 155 °F

EXTENDED COVERAGE QUICK RESPONSE CONCEALED PENDENT, FACTORY WHITE FIN.

SYMBOLS

4

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1. TEMPERATURE RATING IS MINIMUM RECOMMENDED. INSTALL HEADS WITH HIGHER RATINGS IN ACCORDANCE WITH NFPA-13 REQUIREMENTS WHERE HEADS ARE IN HIGH TEMPERATURE AREAS OR IN PROXIMITY OF HEAT SOURCES INCLUDING DIFFUSERS.

2. SPRINKLER HEADS IN ELEVATOR EQUIPMENT ROOMS AND ELEVATOR SHAFTS SHALL HAVE A TEMPERATURE RATING OF 212 °F.

PIPE TURNED DOWN

PIPE TURNED UP

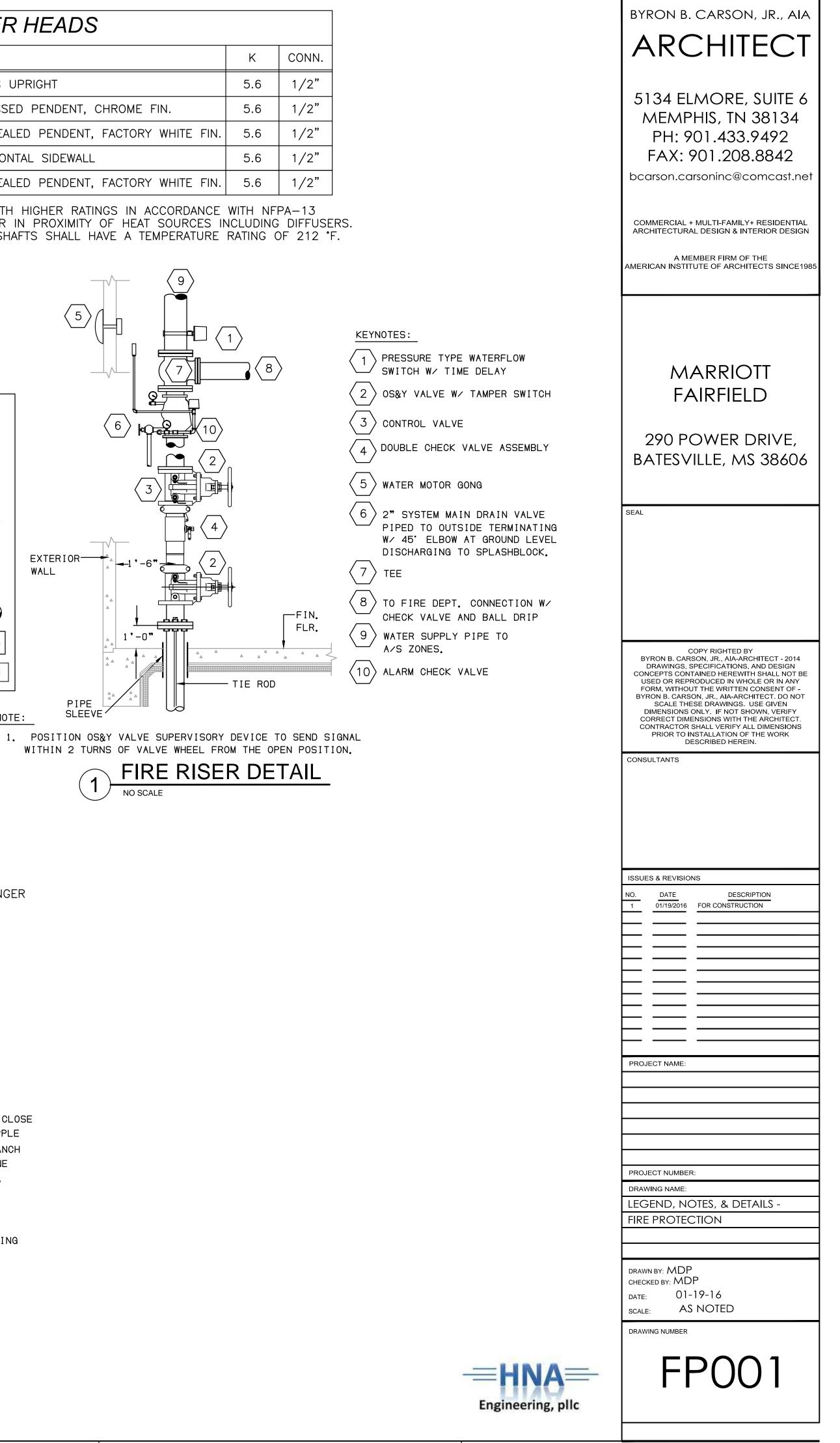
A/S RISER

GONG

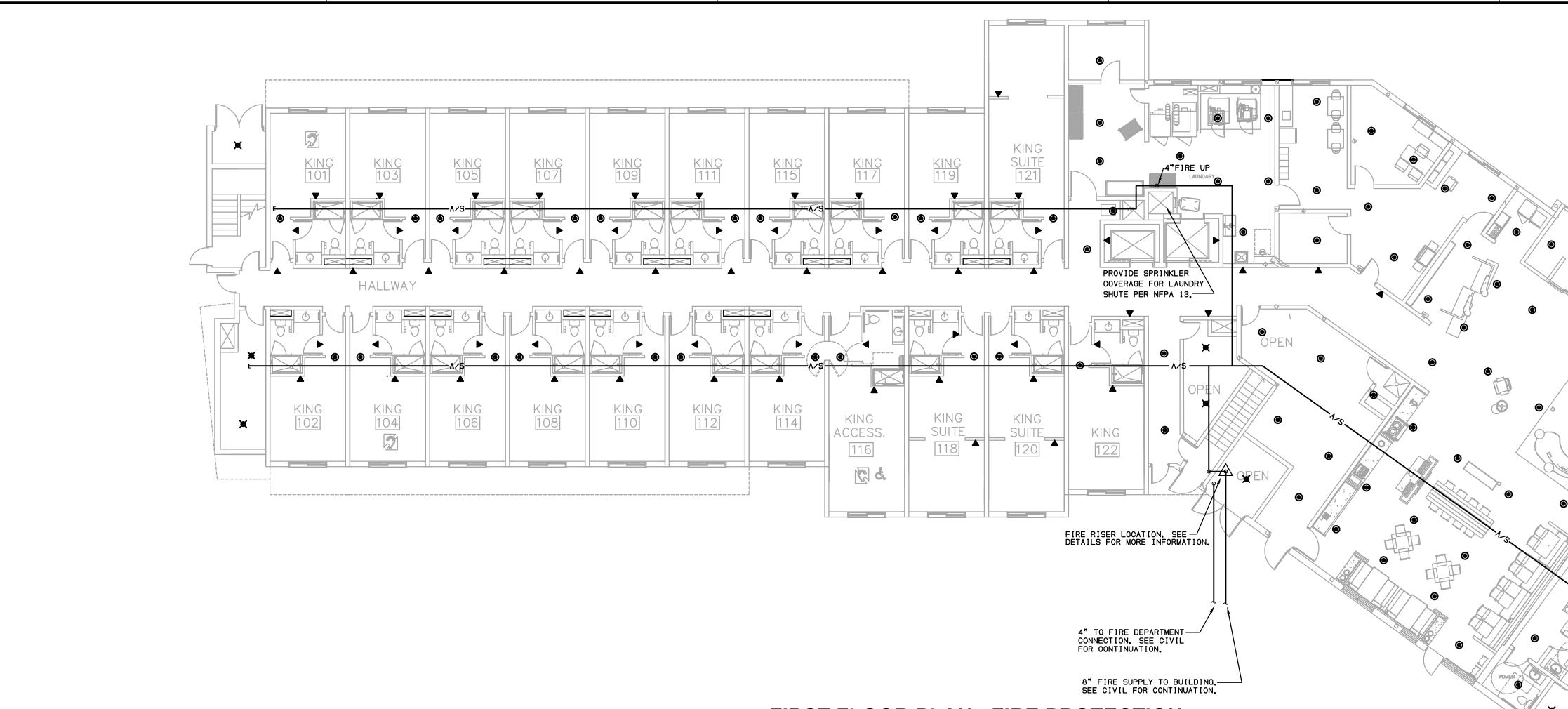
CAP

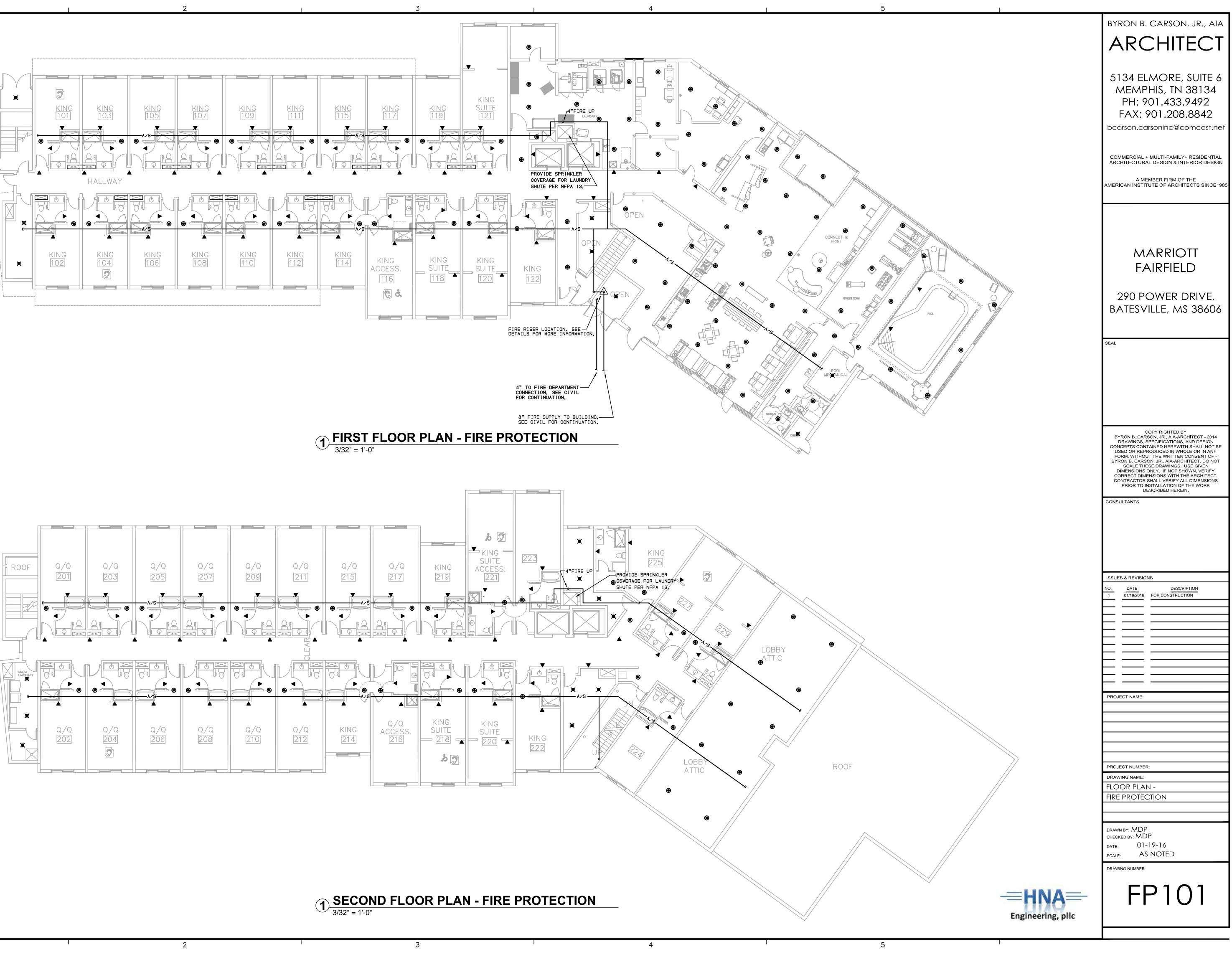
LEGEND - SPRINKLER HEADS

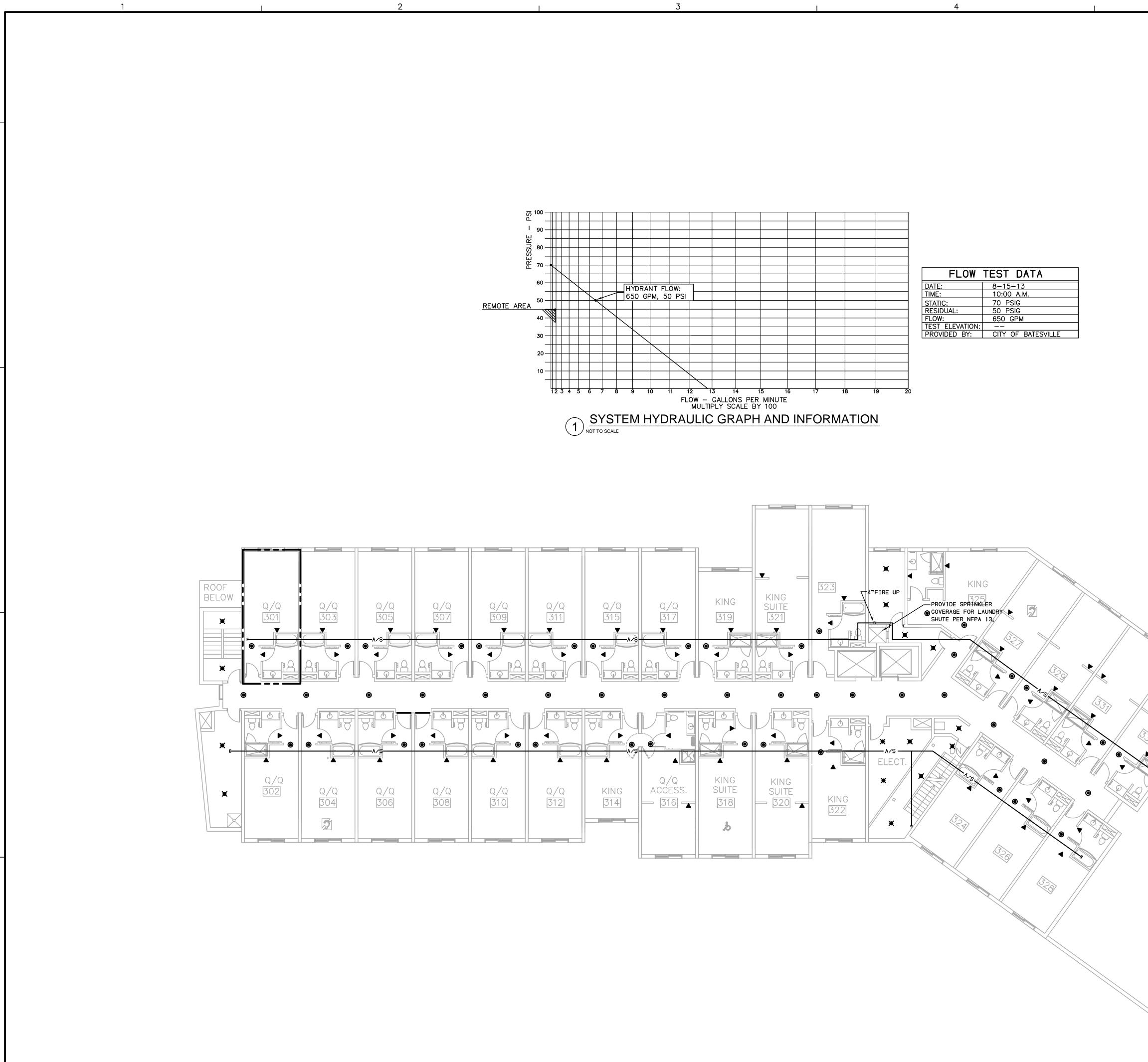
DESCRIPTION & REMARKS



5







THIRD FLOOR PLAN - FIRE PROTECTION

5		
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		BATESVILLE, MS 38606
		SEAL
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		DESCRIBED HEREIN.
		CONSULTANTS
		ISSUES & REVISIONS
		NO.DATEDESCRIPTION101/19/2016FOR CONSTRUCTION
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BELOW		
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		PROJECT NUMBER:
		DRAWING NAME:
		FLOOR PLAN -
		FIRE PROTECTION
		drawn by: MDP
		CHECKED BY: MDP
		date: 01-19-16 scale: AS NOTED
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		DRAWING NUMBER
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