

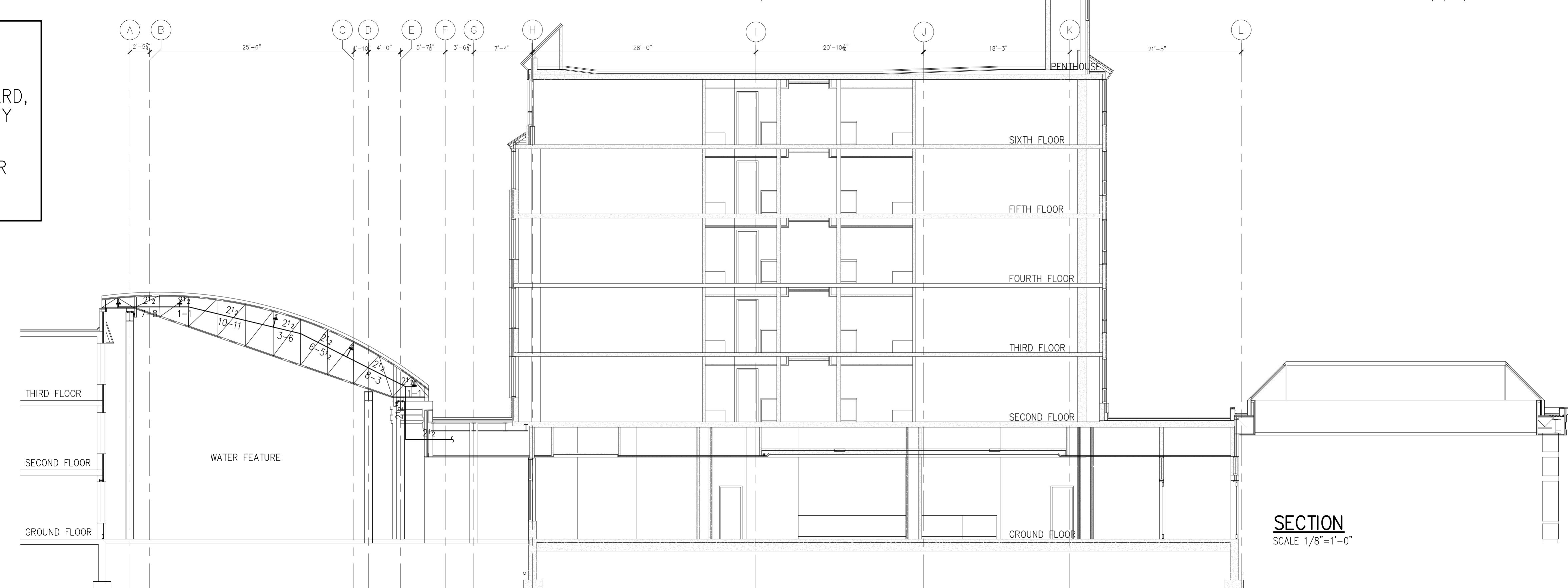
NOTES:  
 SPRINKLER ARE NOT REQUIRED IN CLOTHES CLOSETS, LINEN CLOSETS, AND PANTRIES WITH DWELLING UNITS IN HOTELS AND MOTELS WHERE THE AREA OF THE SPACE DOES NOT EXCEED 24FT<sup>2</sup>. THE LEAST DIMENSION DOES NOT EXCEED 3FT. AND THE WALLS AND CEILING ARE SURFACED WITH NON-COMBUSTIBLE OR LIMITED-COMBUSTIBLE MATERIALS ACCORDING TO N.F.P.A. SECTION 8.15.8.2

DRY SYSTEM CAPACITY FOR COURTYARD SYSTEM: 160.00 U.S. GALLONS

NOTES:  
 ALL SPRINKLER PIPE, HANGER & FITTING AT WATER FEATURE MUST BE GALVANIZED.

SEISMIC DESIGN SHOP DRAWINGS WILL BE PROVIDED BY FIRE PROTECTION CONTRACTOR AND TO THE REQUIREMENT OF N.F.P.A. STANDARD, THE ONTARIO BUILDING CODE, AND CERTIFIED BY A PROFESSIONAL ENGINEER.  
 FIRE PROTECTION CONTRACTOR TO INCLUDE FOR ALL SEISMIC SUPPORTS AND LABOUR.

- NOTES:
- 1. X DENOTES EXISTING 1/2" 165F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD TO REMAIN
  - ⊗ DENOTES EXISTING 1/2" 165F QUICK RESPONSE CHROME RECESSED PENDENT SPRINKLER TO REMAIN
  - ⊙ DENOTES EXISTING 1/2" 165F QUICK RESPONSE CONCEALED PENDENT SPRINKLER C/W FLAT PLATE TO REMAIN
  - ⊕ DENOTES EXISTING 1/2" 165F BRASS SIDEWALL SPRINKLER TO REMAIN
  - ⊖ DENOTES EXISTING 1/2" 165F QUICK RESPONSE CHROME SIDEWALL SPRINKLER TO REMAIN
  - ⊗ DENOTES EXISTING 17/32" 135F QUICK RESPONSE CHROME EXTENDED COVERAGE SIDEWALL SPRINKLER TO REMAIN
  - ⊘ DENOTES EXISTING 1/2" 212F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD TO REMAIN
  - ⊙ DENOTES EXISTING 1/2" 212F CHROME PENDENT SPRINKLER (N COOLER ONLY) TO REMAIN
  - ⊖ DENOTES NEW 1/2" 165F QUICK RESPONSE CHROME RECESSED PENDENT SPRINKLER (K=5.6) TO MATCH EXISTING
  - ⊗ DENOTES NEW 1/2" 165F QUICK RESPONSE CONCEALED PENDENT SPRINKLER C/W FLAT PLATE (K=5.6) TO MATCH EXISTING
  - ⊕ DENOTES NEW TYCO SERIES TY-FRB 3/4" NPT, 135F QUICK RESPONSE CHROME EXTENDED COVERAGE HORIZONTAL SIDEWALL SPRINKLER (K=8.0) TO MATCH EXISTING (DEFLECTOR TO CEILING DISTANCE 4" TO 12")
  - ⊖ DENOTES NEW 1/2" 165F QUICK RESPONSE CHROME SIDEWALL SPRINKLER (K=5.6) TO MATCH EXISTING
  - ⊗ DENOTES NEW TYCO SERIES DS-1 1" NPT, 155F CHROME DRY PENDENT SPRINK. (K=5.6)(N COOLER ONLY) TO MATCH EXISTING
  - ⊕ DENOTES NEW TYCO SERIES DS-1 1" NPT, 155F CHROME DRY HORIZONTAL SIDEWALL SPRINKLER (K=5.6)
  - ⊖ DENOTES NEW 1/2" 165F BRASS SIDEWALL SPRINKLER
  - ⊗ DENOTES NEW 1/2" 165F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD, C/W 1" OUTLET & TO MATCH EXISTING
  - ⊕ DENOTES NEW 1/2" 165F QUICK RESPONSE BRASS UPRIGHT SPRINKLER C/W WIRE GUARD, C/W 1" OUTLET & TO MATCH EXISTING
  - HT DENOTES NEW 1/2" 212F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD & C/W 1" OUTLET
  - HT DENOTES NEW 1/2" 212F BRASS UPRIGHT SPRINKLER C/W 1" x 12" CANDLE STICK
- ⊗ DENOTES EXISTING 1/2" 165F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD TO REMAIN TO BE RELOCATE
  - ⊕ DENOTES EXISTING 1/2" 165F QUICK RESPONSE CHROME RECESSED PENDENT SPRINKLER TO BE RELOCATE
  - ⊙ DENOTES NEW 1/2" 165F QUICK RESPONSE CHROME RECESSED PENDENT SPRINKLER (K=5.6) (CORROSION RESISTANT TYPE IN SWIMMING POOL AREA)
  - ⊖ DENOTES NEW 1/2" 165F QUICK RESPONSE CHROME SIDEWALL SPRINKLER (K=5.6) (CORROSION RESISTANT TYPE IN SWIMMING POOL AREA)
  - ⊗ DENOTES NEW TYCO SERIES TY-FRB 3/4" NPT, 135F QUICK RESPONSE CHROME EXTENDED COVERAGE HORIZONTAL SIDEWALL SPRINKLER (K=8.0) TO MATCH EXISTING (DEFLECTOR TO CEILING DISTANCE 4" TO 12") (CORROSION RESISTANT TYPE IN SWIMMING POOL AREA)
  - ⊕ DENOTES NEW TYCO MODEL SW-24 3/4" NPT, 200F STANDARD RESPONSE CHROME EXTENDED COVERAGE HORIZONTAL SIDEWALL SPRINKLER (K=11.2) TO MATCH EXISTING (DEFLECTOR TO CEILING DISTANCE 6" TO 12")
  - EX\_FHC DENOTES EXISTING FIRE HOSE CABINET C/W 100'-0" OF 1 1/2" HOSE & 2-WAY NOZZLE TO REMAIN
  - FHC DENOTES NEW FIRE HOSE CABINET C/W 100'-0" OF 1 1/2" HOSE & 2-WAY NOZZLE TO MATCH EXISTING
  - DENOTES EXISTING PIPE TO REMAIN
  - DENOTES EXISTING PIPE TO BE REMOVED
  - DENOTES NEW PIPE
2. SYSTEM DESIGN: N.F.P.A. 13 (2010) & O.B.C. (2006)
    - NEW SUITE: 0.10 G.P.M. OVER 900 SQ.FT. PLUS 100 G.P.M. HOSE ALLOWANCE
    - NEW WATER FEATURE: ORDINARY HAZARD GROUP 1, 0.15 G.P.M. + 250 G.P.M. HOSE ALLOWANCE
  3. THE CONNECTION OF NEW SPRINKLERS TO EXISTING SYSTEM SHALL COMPLY WITH N.F.P.A. 13 (2010) SECTION 8.15.19.4 & 5 EXISTING SPRINKLER LAYOUT
  4. REFER TO NOVUS FIRE PROTECTION JOB #01-018 FOR EXISTING SPRINKLER LAYOUT



DATE	REVISION	DESCRIPTION	BY
25 NOV 2015	1.	COURTYARD SYSTEM REVISED TO DRY SYSTEM	A.R.
26 MAY 2015	-	REVISED AS PER OWNER AND ARCHITECT'S COMMENTS	A.R.
10 APR 2015	-	RE-ISSUED FOR REVIEW	D.A.
09 FEB 2015	-	ISSUED FOR REVIEW	D.A.

MARK VOID ALL PRINTS DATED PRIOR TO LATEST DATE ABOVE

**REVISIONS**

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT DISCREPANCIES TO THE ENGINEERS BEFORE PROCEEDING WITH THE WORK.  
 THIS DRAWING IS THE PROPERTY OF THE ENGINEER AND MUST BE RETURNED UPON REQUEST OR AT COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED

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**SOUTHWAY HOTEL**  
 2431 BANK STREET  
 OTTAWA, ONTARIO

PROJECT TITLE  
**SOUTHWAY HOTEL**  
 2431 BANK STREET  
 OTTAWA, ONTARIO

DRAWING TITLE  
**THIRD FLOOR PLAN - SPRINKLER LAYOUT**

FIRE PROTECTION

DRAWN BY Y.C.	CHECKED BY A.R.	SCALE 1/8"=1'-0"
DATE DECEMBER 2014	PROJECT NUMBER 14-079	DRAWING NUMBER SP5 of 7

PLOT DATE: 11/27/2015 10:46 AM PLOT SCALE: 1:1