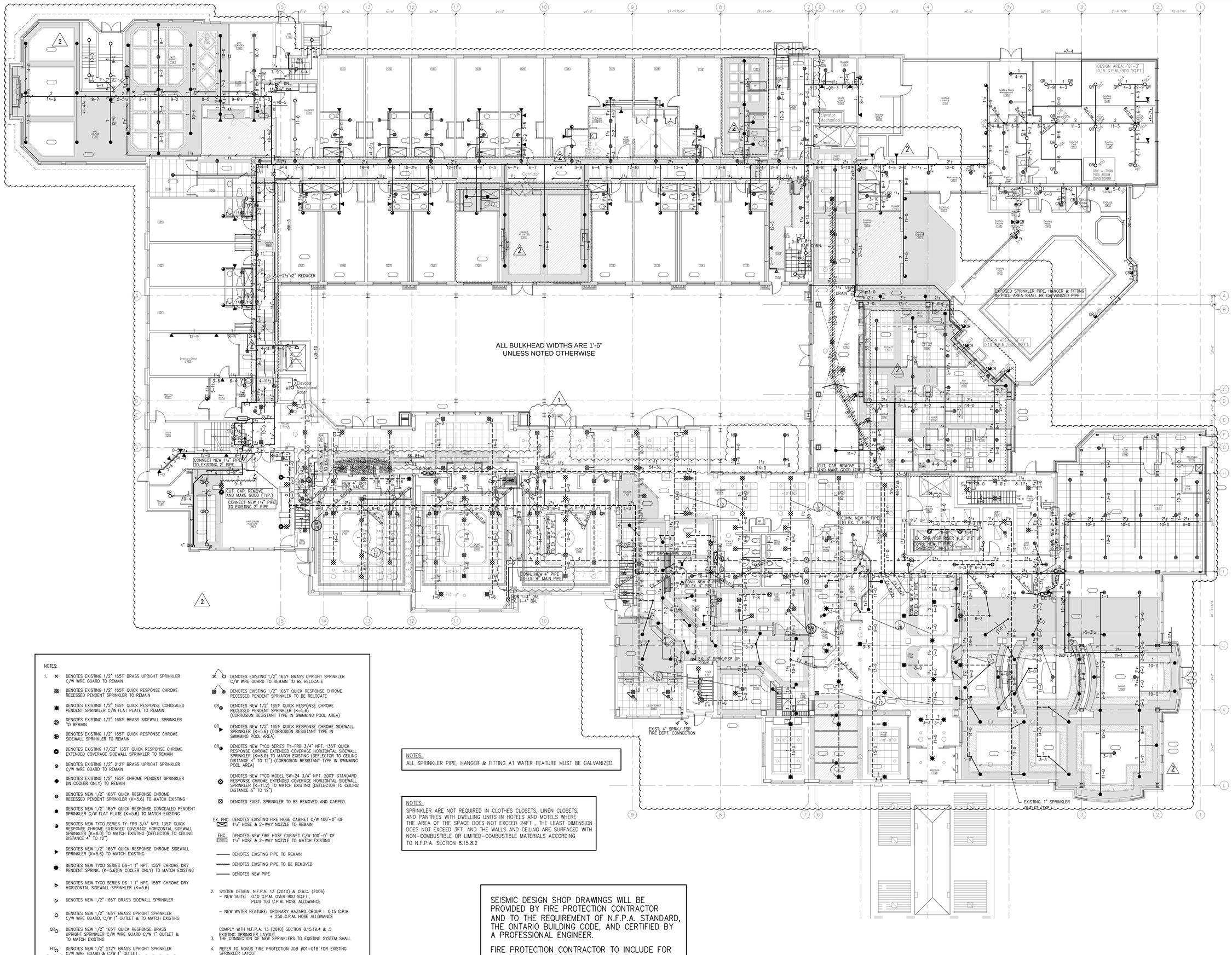

NOTES:

1. × DENOTES EXISTING 1/2" 165°F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD TO REMAIN
   - DENOTES EXISTING 1/2" 165°F QUICK RESPONSE CHROME RECESSED PENDENT SPRINKLER TO REMAIN
   - DENOTES EXISTING 1/2" 165°F QUICK RESPONSE CONCEALED PENDENT SPRINKLER C/W FLAT PLATE TO REMAIN
   - DENOTES EXISTING 1/2" 165°F BRASS SIDEWALL SPRINKLER TO REMAIN
   - DENOTES EXISTING 1/2" 165°F QUICK RESPONSE CHROME SIDEWALL SPRINKLER TO REMAIN
   - DENOTES EXISTING 17/32" 135°F QUICK RESPONSE CHROME EXTENDED COVERAGE SIDEWALL SPRINKLER TO REMAIN
   - DENOTES EXISTING 1/2" 212°F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD TO REMAIN
   - DENOTES EXISTING 1/2" 165°F CHROME PENDENT SPRINKLER (IN COOLER ONLY) TO REMAIN
   - DENOTES NEW 1/2" 165°F QUICK RESPONSE CHROME RECESSED PENDENT SPRINKLER (K=5.6) TO MATCH EXISTING
   - DENOTES NEW 1/2" 165°F QUICK RESPONSE CONCEALED PENDENT SPRINKLER C/W FLAT PLATE (K=5.6) TO MATCH EXISTING
   - DENOTES NEW TYCO SERIES TY-FRB 3/4" NPT. 135°F 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" 165°F QUICK RESPONSE CHROME SIDEWALL SPRINKLER (K=5.6) TO MATCH EXISTING
   - DENOTES NEW TYCO SERIES DS-1 1" NPT. 155°F CHROME DRY PENDENT SPRINK. (K=5.6)(IN COOLER ONLY) TO MATCH EXISTING
   - DENOTES NEW TYCO SERIES DS-1 1" NPT. 155°F CHROME DRY HORIZONTAL SIDEWALL SPRINKLER (K=5.6)
   - DENOTES NEW 1/2" 165°F BRASS SIDEWALL SPRINKLER
   - DENOTES NEW 1/2" 165°F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD, C/W 1" OUTLET & TO MATCH EXISTING
   - QR DENOTES NEW 1/2" 165°F QUICK RESPONSE BRASS UPRIGHT SPRINKLER C/W WIRE GUARD C/W 1" OUTLET & TO MATCH EXISTING
   - HT DENOTES NEW 1/2" 212°F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD & C/W 1" OUTLET
   - HT DENOTES NEW 1/2" 212°F BRASS UPRIGHT SPRINKLER C/W 1" x 12" CANDLE STICK
   - DENOTES EXISTING 1/2" 165°F BRASS UPRIGHT SPRINKLER C/W WIRE GUARD TO REMAIN TO BE RELOCATE
   - DENOTES EXISTING 1/2" 165°F QUICK RESPONSE CHROME RECESSED PENDENT SPRINKLER TO BE RELOCATE
   - CR DENOTES NEW 1/2" 165°F QUICK RESPONSE CHROME RECESSED PENDENT SPRINKLER (K=5.6) (CORROSION RESISTANT TYPE IN SWIMMING POOL AREA)
   - CR DENOTES NEW 1/2" 165°F QUICK RESPONSE CHROME SIDEWALL SPRINKLER (K=5.6) (CORROSION RESISTANT TYPE IN SWIMMING POOL AREA)
   - CR DENOTES NEW TYCO SERIES TY-FRB 3/4" NPT. 135°F 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. 200°F STANDARD RESPONSE CHROME EXTENDED COVERAGE HORIZONTAL SIDEWALL SPRINKLER (K=11.2) TO MATCH EXISTING (DEFLECTOR TO CEILING DISTANCE 6" TO 12")
   - DENOTES EXIST. SPRINKLER TO BE REMOVED AND CAPPED.
   - EX. FHC DENOTES EXISTING FIRE HOSE CABINET C/W 100'-0" OF 1½" HOSE & 2-WAY NOZZLE TO REMAIN
   - FHC DENOTES NEW FIRE HOSE CABINET C/W 100'-0" OF 1½" 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 I, 0.15 G.P.M. + 250 G.P.M. HOSE ALLOWANCE

   COMPLY WITH N.F.P.A. 13 (2010) SECTION 8.15.19.4 & .5
3. EXISTING SPRINKLER LAYOUT
   THE CONNECTION OF NEW SPRINKLERS TO EXISTING SYSTEM SHALL
4. REFER TO NOVUS FIRE PROTECTION JOB #01-018 FOR EXISTING SPRINKLER LAYOUT

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

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 , 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

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.

DATE	NUMBER	DESCRIPTION	BY
22 APRIL 2016	2	REVISED AS PER LATEST CEILING LAYOUT	A.R.
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 ENGINEERS AND MUST BE RETURNED UPON REQUEST OR AT COMPLETION OF THE WORK.

DRAWINGS ARE NOT TO BE SCALED

LICENSED PROFESSIONAL ENGINEER
Y.R. CHAN
7532302
22 APRIL 2016
PROVINCE OF ONTARIO

novus
Fire Protection Consulting Inc.
110 Woodbine Downs Blvd., Unit 4B, Toronto, Ontario M9W 5S6
Tel. 416-746-2590 www.novusfire.com Fax. 416-746-2526

SOUTHWAY HOTEL

2431 BANK STREET
OTTAWA, ONTARIO

PROJECT TITLE

SOUTHWAY HOTEL

2431 BANK STREET
OTTAWA, ONTARIO

DRAWING TITLE

GROUND FLOOR PLAN
- SPRINKLER LAYOUT

FIRE PROTECTION

DRAWN BY	CHECKED BY	SCALE
Y.C.	A.R.	1/8"=1'-0"
DATE	PROJECT NUMBER	DRAWING NUMBER
DECEMBER 2014	14-079	SP3 OF 7

PLOT DATE: 5/13/2016 11:29 AM PLOT SCALE: 1:1 BY: Dennis