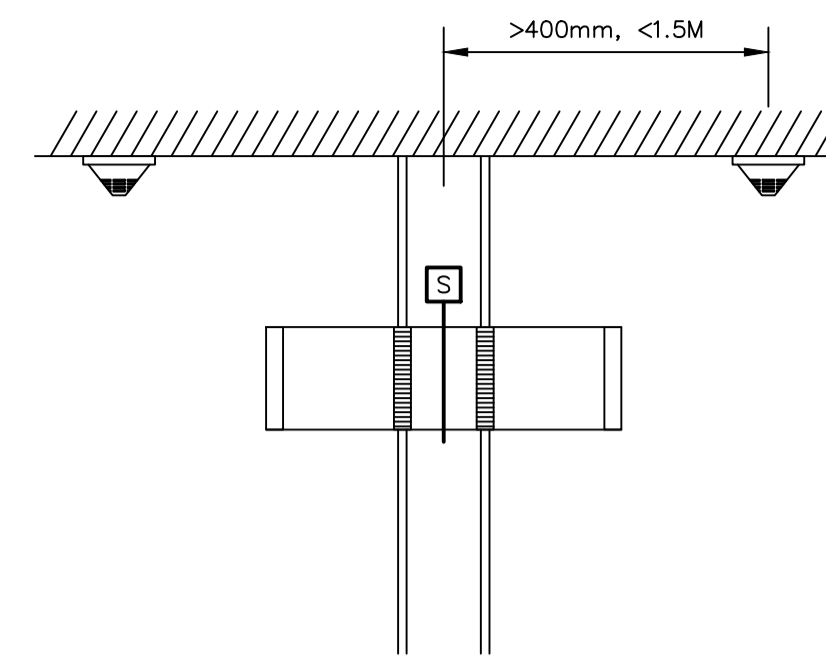
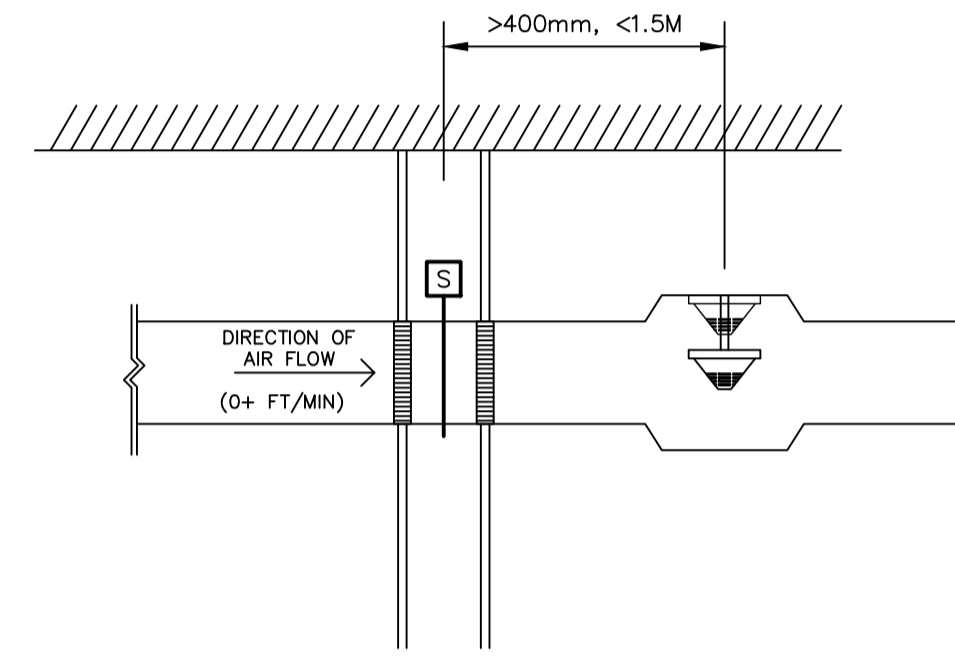


1 SYSTEMS LAYOUT - NORTH AREA
 E5.0 SCALE: 1/100



D1 FIRE/SMOKE DAMPER - OPEN ENDED TRANSFER
 DETAIL SCALE: N.T.S.



D2 FIRE/SMOKE DAMPER - DUCTED (0FT/MIN+ AIR FLOW)
 DETAIL SCALE: N.T.S.

GENERAL FIRE/SMOKE DAMPER NOTES

- WHERE SMOKE OR DUCT SMOKE DETECTOR IS LOCATED WITHIN A CONCEALED CEILING SPACE (AND/OR DUCT), COORDINATE WITH G.C. TO PROVIDE ACCESS HATCH TO ALLOW FOR ANNUAL MAINTENANCE.
- DETECTORS ARE REQUIRED TO HAVE REMOTE INDICATION OF DETECTOR FUNCTION.
- E.C. TO COORDINATE INSTALLATION OF DUCT SMOKE DETECTORS WITH MECHANICAL SO THAT DUCT SMOKE IS:
 - MOUNTED ON A FLAT SECTION OF DUCT,
 - GREATER THAN 400mm BUT NOT MORE THAN 1.5m FROM DAMPER,
 - SUFFICIENT STRAIGHT SECTION OF DUCT DEVOID OF BENDS PER MANUFACTURERS RECOMMENDATIONS.

SPECIFIC ELECTRICAL NOTES

- REFER TO DETAIL D1/E5.0 FOR INSTALLATION OF TRANSFER SMOKE DETECTORS (TYPICAL). AH-1 TO SHUT DOWN UPON ACTIVATION OF DAMPERS.
- REFER TO DETAIL D2/E5.0 FOR INSTALLATION OF DUCT SMOKE DETECTORS (TYPICAL). AH-1 TO SHUT DOWN UPON ACTIVATION OF DAMPERS.
- REFER TO DETAIL D2/E5.0 FOR INSTALLATION OF DUCT SMOKE DETECTORS (TYPICAL). AH-2 TO SHUT DOWN UPON ACTIVATION OF DAMPERS.

GENERAL ELECTRICAL NOTES

- IF ANY FIRE SMOKE DAMPER ASSOCIATED WITH AH-1 OR AH-2 ARE ACTIVATED, SHUT DOWN ASSOCIATED UNIT AND ALL ASSOCIATED DAMPERS.

NOVA 3 ENGINEERING LTD.
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No.	ISSUED FOR CONSTRUCTION	AM	2024.12.12
REVISION/DESCRIPTION	BY	DATE	
0			



DATE	USER	DESIGNED	APPROVED
2024.12.12			

THE CITY OF WINNIPEG
 ASSETS and PROJECT MANAGEMENT
 DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 3-65 GARRY STREET, R3C 4K4

PROJECT
 REDEVELOPMENT OF THE OLD
 EXHIBITION ARENA

80 SINCLAIR STREET
 SHEET TITLE

ELECTRICAL
 SYSTEMS LAYOUT - NORTH



SCALE	PROJECT No:	SHEET No:
AS SHOWN	2020-136	E5.0