

FIRE FIGHTING DARWINGS LIST

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
FF-101	FIRE FIGHTING - BASEMENT FLOOR		
FF-102	GENERAL DETAILS		

4			
3			
2			
1			
NO.	DATE	REVISIONS	SIGNATURE

CLIENT NAME:

**UNHCR EGYPT** 

BUILDING NAME:

**RSD /T BUILDING**

DRAWING TITLE:	TEAM WORK:
FIRE FIGHTING DARWINGS LIST	ESRAA ESLAM RAGHDA REDA M. SHARAF

	SCALE: 1:50	APPROVED BY: MOHAMED SHARAF
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SHEET NO.:	CHECKED BY:
1 8 3 0 F F 0 0 0	MOHAMED SHARAF

REVISION:	DATE:
2	11 December 2018

 **House of Experts**  
**TARIK FATHY Ph.D**  
**HISHAM FATHY Ph.D**  
**ESSAM FATHY B.Sc**

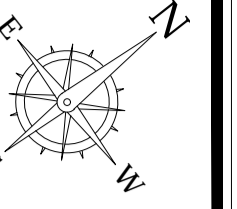
ARCHITECTS, PLANNERS AND CIVIL ENGINEERS, INC.  
 \*TEL: +2(02)37602490 - +2(01)223990622 THE@2-THE.COM WWW.2-THE.COM  
 I22 Mohi El-Din Abu El-Ezz, El-Mohandseen, Cairo, Egypt.

UNHCR EGYPT RSD/T BLDG

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1. ALL DIMENSIONS ARE IN MILLIMETRES & LEVELS, ( ELEVATIONS ) IN METERS UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE VERIFIED ON SITE & APPROVED BY THE ENGINEER.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL & CIVIL DRAWINGS. ALL RELEVANT SECTIONS OF THE SPECIFICATIONS.
3. THE MAIN CONTRACTOR TO CO-ORDINATE AS PROVIDED ALL NECESSARY LADDERS, CAT WALKS & PLATFORMS REQUIRED FOR EASY ACCESS & CIRCULATION IN THE PLANT ROOMS
4. PIPES AND FITTING FOR FIRE PROTECTION SYSTEM SHALL BE BLACK STEEL.
5. JOINTS USED FOR SPRINKLER PIPES ARE SHALL BE FLANGED AND GROOVED .
6. PIPES SHALL HAVE SLOPE 1:500 FALL POINT.
7. THE SPACING BETWEEN PIPE HANGERS SHALL NOT EXCEED 300 mm. AS PER NFPA-13.
8. ALL THE FIRE EXTINGUISHERS ARE WALL MOUNTED TYPE EXCEPT INSIDE HOSE REEL CABINET.
9. PIPE SIZE ACCORDING TO NFPA-13 AND CHECKED ACCORDING TO HYDRAULIC CALCULATION.
10. UL & FM AIR VENTS SHALL BE INSTALLED AT HIGH POINTS.
11. CHANGE ON DIRECTION OR BRANCHING SHALL BE EXECUTED BY STANDARD UL&FM FITTING.
12. PIPE FITTING SHALL BE ECCENTRIC PATTERN WITH FLAT ON BOTTOM.
13. ALL COMPONENTS SHALL BE UL AND FM CERTIFIED .

LEGEND:

	FM 200 PENDANT SPRINKLER HEAD-UL* LISTED AND FM APPROVED.
	FM200 PANEL
	ZONE CONTROL UNIT
	SMOKE DETECTOR
	HEAT DETECTOR
	SEAMLESS PIPE

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CLIENT NAME: **UNHCR EGYPT**

BUILDING NAME: **RSD /T BUILDING**

DRAWING TITLE: **FIRE FIGHTING BASEMENT FLOOR PLAN**

TEAM WORK:  
ESRAA ESLAM  
RAGHDA REDA  
M. SHARAF

SCALE: 1:50

APPROVED BY: MOHAMED SHARAF

SHEET NO.: 1830 FF 101

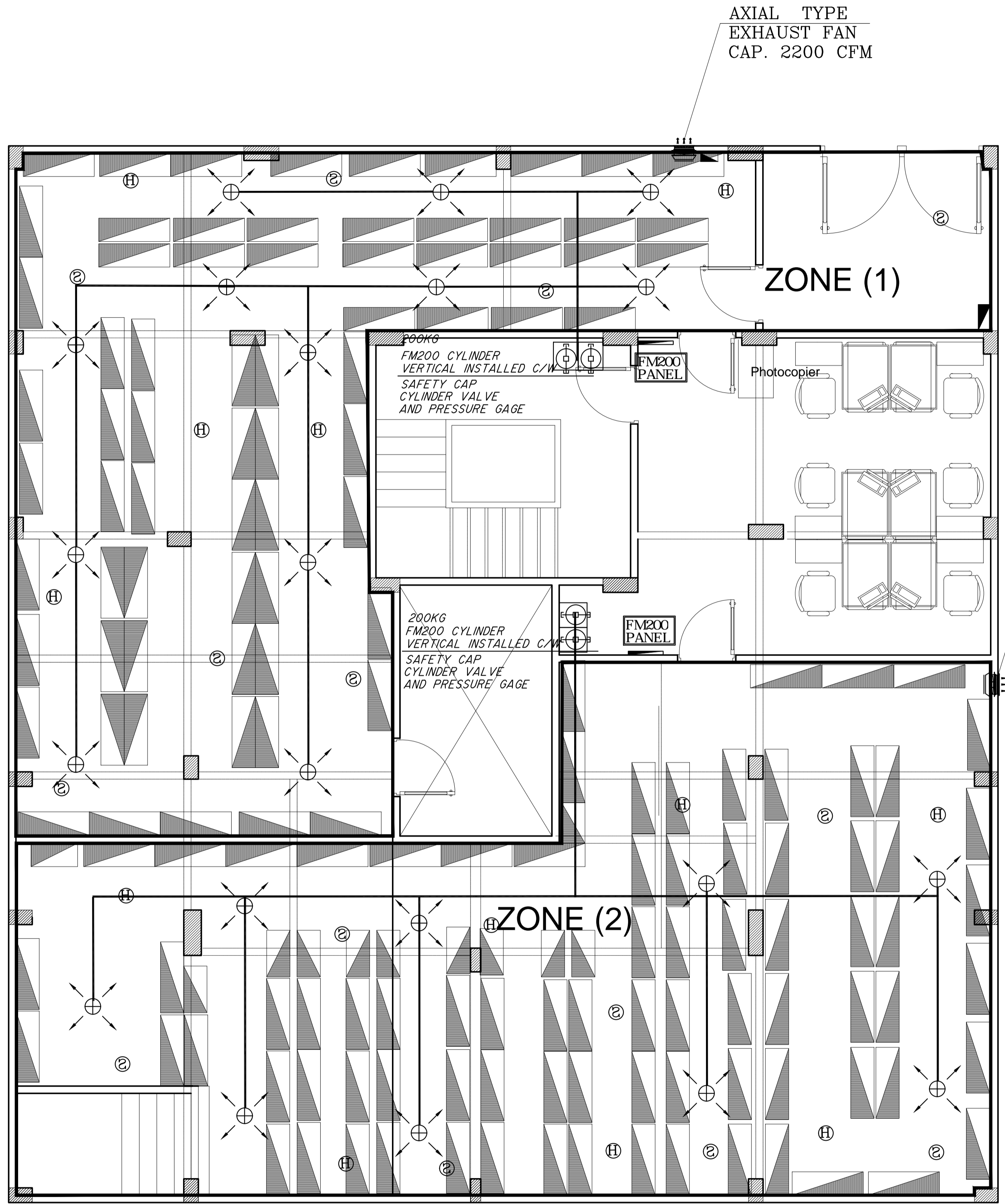
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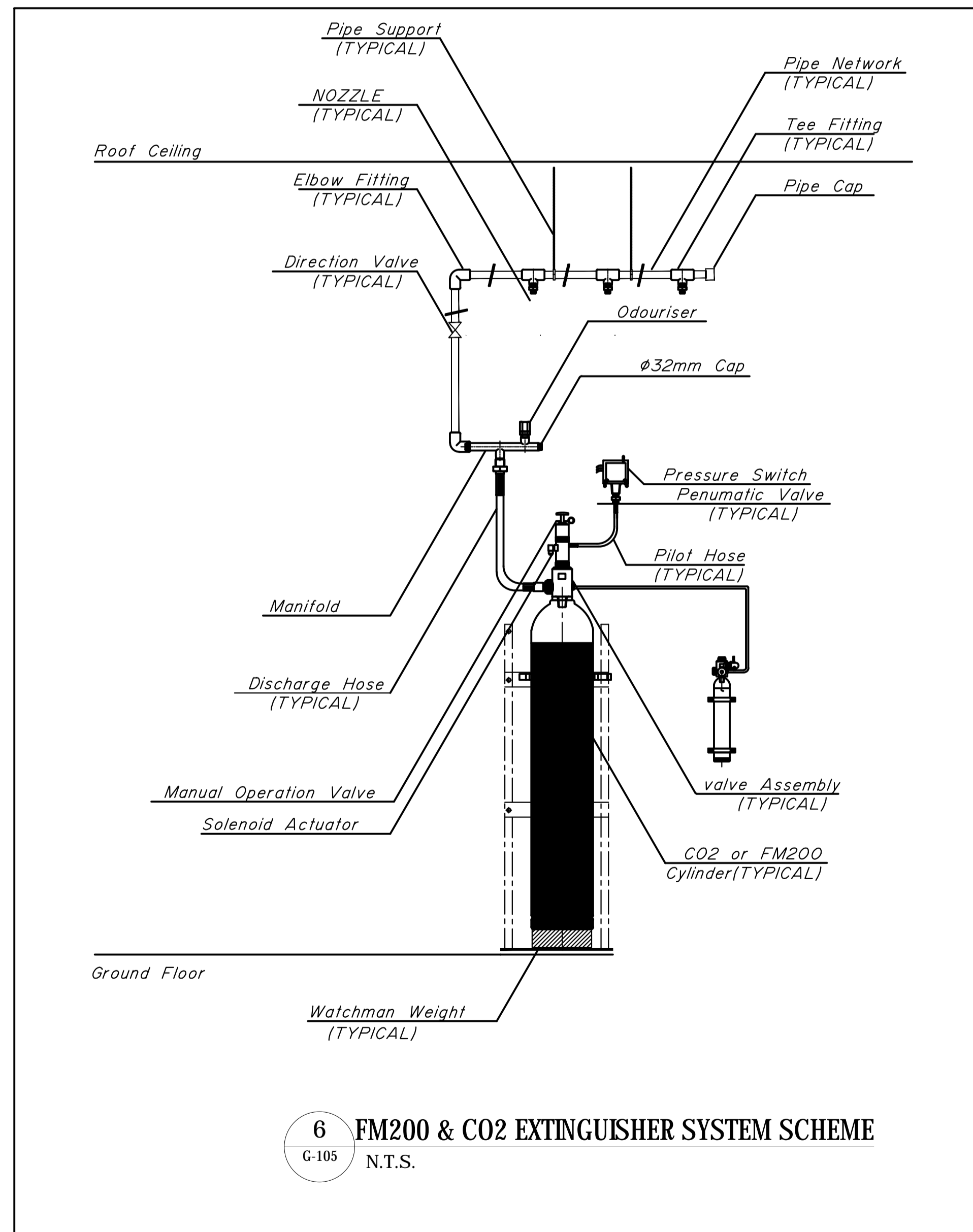
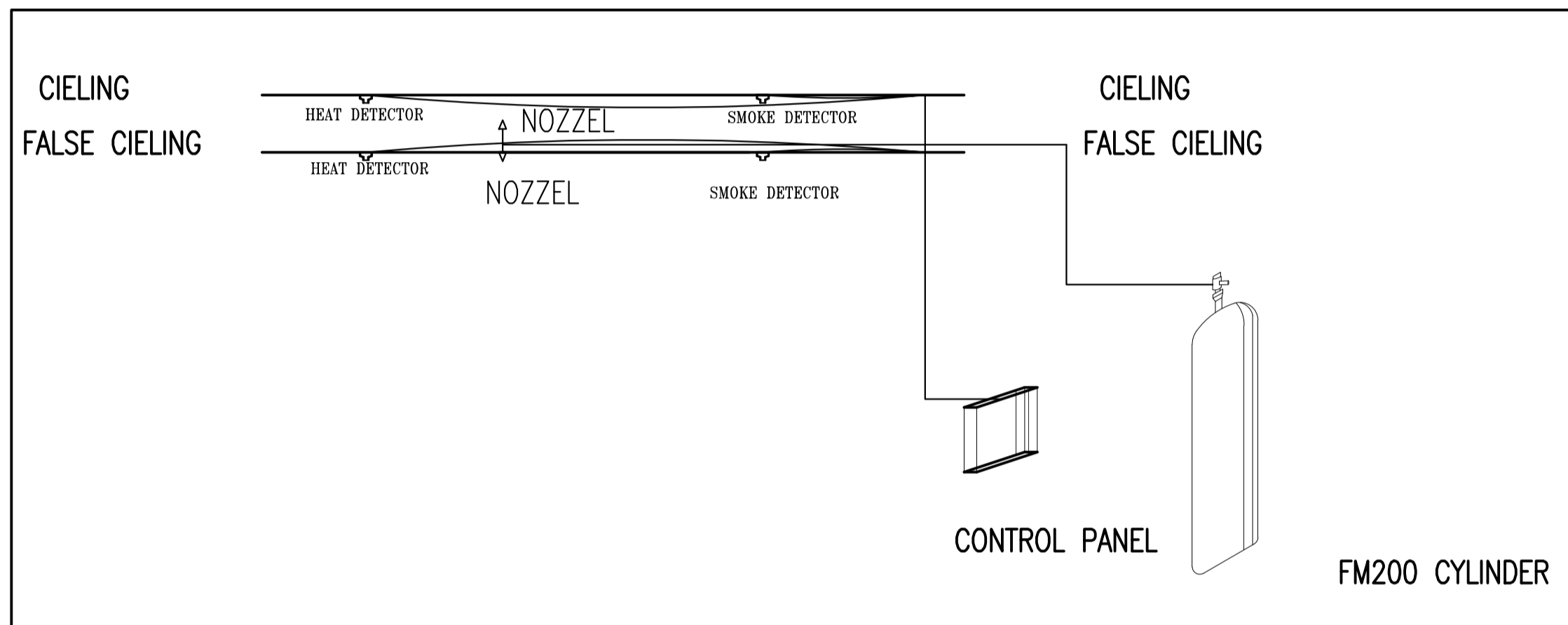
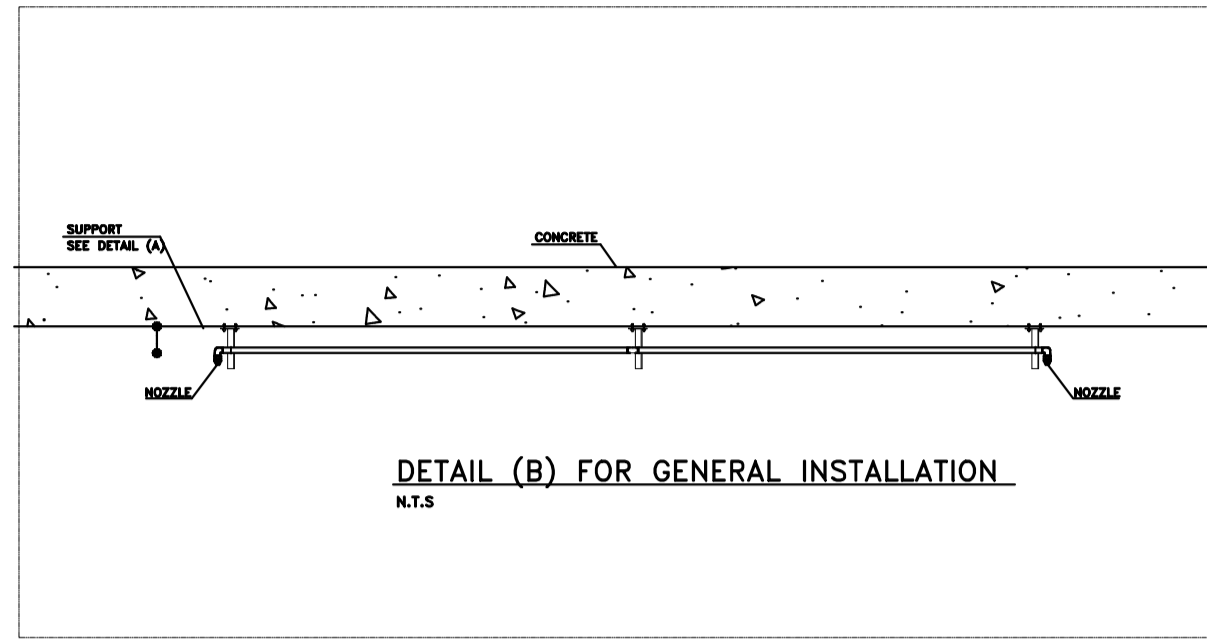
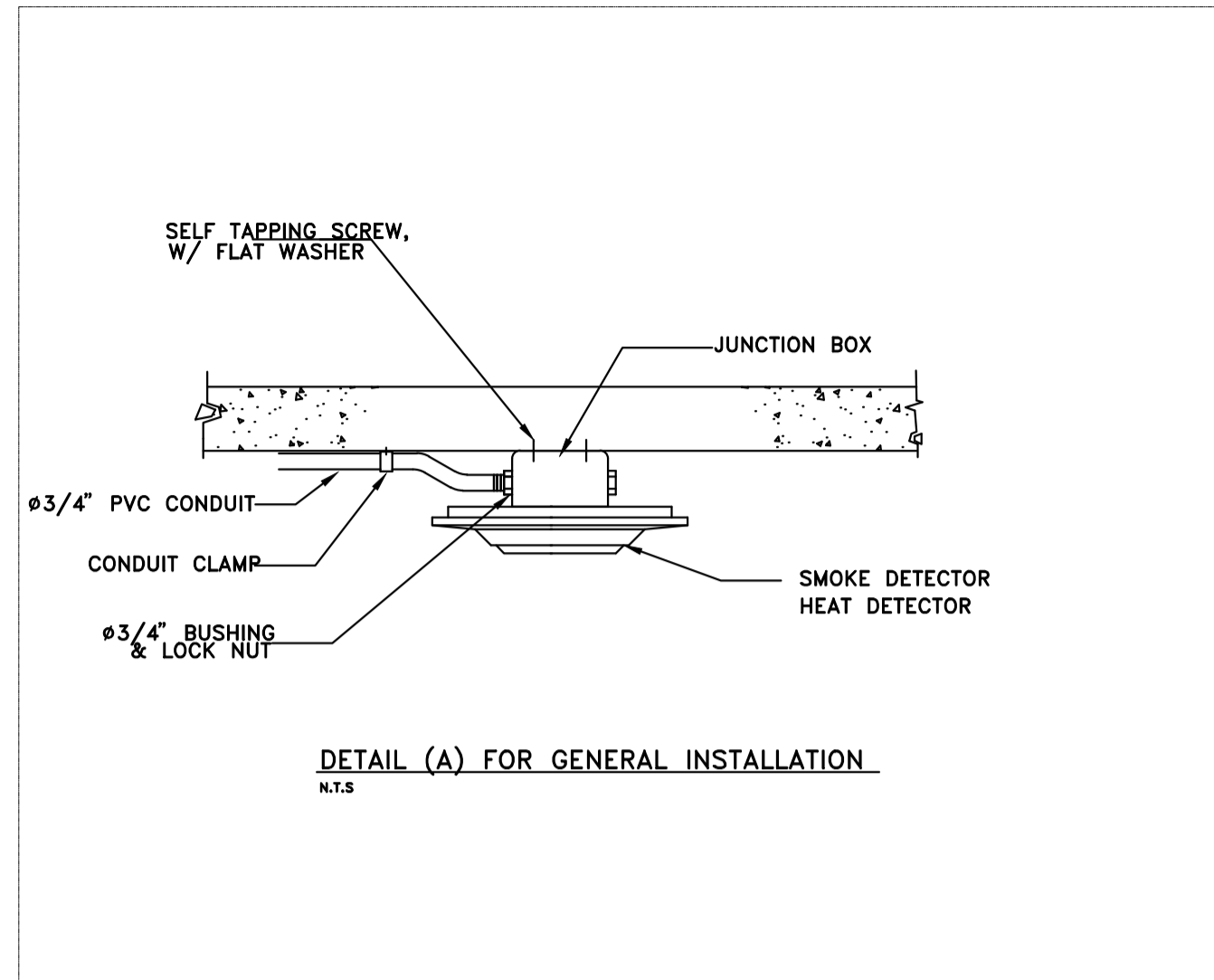
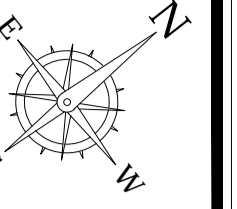
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EXHAUST FANS SCHEDULE

UNIT NO.	LOCATION	SERVICE	FAN DATA		MOTOR DATA		EXTERNAL STATIC PRESSURE	ELECTRIC CHARACTER	TYPE	MOTOR PROTECTION	REMARKS
			AIR QTY. CFM	FAN SPEED RPM	HP MOTOR	MOTOR SPEED RPM					
EX-FAN-01	BASEMENT	BASEMENT	2200	1400	1.5	1450	500	3/380/50	AXIAL INLINE	IP 55	FIRE RATED FANS SHALL OPERATE AT 150°C FOR 2 HR.





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BUILDING NAME: **RSD /T BUILDING**

DRAWING TITLE: **FIRE FIGHTING GENERAL DETAILS**

TEAM WORK:  
ESRAA ESLAM  
RAGHDA REDA  
M. SHARAF

APPROVED BY: MOHAMED SHARAF

CHECKED BY: MOHAMED SHARAF

REVISION: 2 DATE: 11 December 2018

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