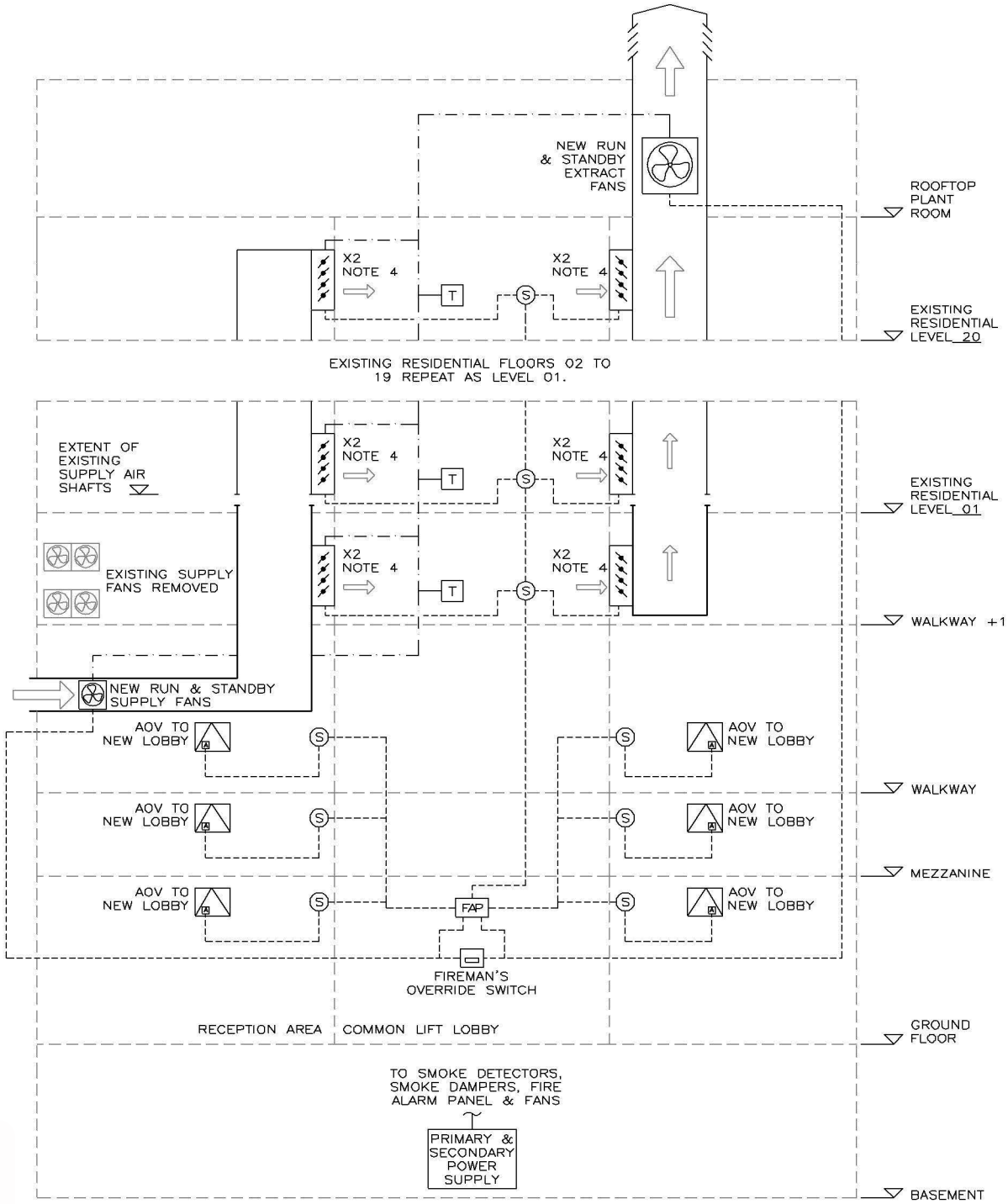

KEY

- DIRECTION OF AIR/SMOKE FLOW
- EXISTING DUCT
- NEW DUCT
- SMOKE EXTRACT CONTROL LINE
- VENTILATION CONTROL LINE
- NEW AUTOMATIC OPENING VENT (AOV) 0.4 m² FREE AREA
- NEW FIRE DAMPER WITH FREE AREA TO MATCH EXISTING SYSTEM
- FAP — FIRE ALARM PANEL
- FIREMAN'S OVERRIDE SWITCH
- S — SMOKE DETECTOR
- NEW/EXISTING FAN REUSED
- EXISTING FAN REMOVED
- A — WINDOW ACTUATOR
- T — TEMPERATURE SENSOR FOR GENERAL COOLING CONTROL

NOTES:

1. DO NOT SCALE FROM THIS DRAWING
2. READ IN CONJUNCTION WITH THE MF TENDER DOCUMENTATION.
3. READ IN CONJUNCTION WITH THE T(90)01 SERIES COMBINED MECHANICAL LAYOUTS.
4. ONLY HALF THE DAMPERS & DUCTS SHOWN FOR CLARITY, EACH FLOOR HAS TWO SUPPLY AND TWO EXTRACT DUCTS SERVICING EACH LOBBY. EACH MOTORISED DAMPER IS TO BE NORMALLY OPEN, WITH ALL DAMPERS EXCEPT THOSE ON THE FIRE FLOOR CLOSING IN THE EVENT OF A FIRE.
5. EXISTING SMOKE EXTRACT SYSTEM SUPPLY AIR FANS LOCATED IN CEILING VOID OF WALKWAY+1. THESE FANS WILL BE REMOVED. PROPOSAL IS TO INSTALL NEW FANS IN LOCATION SHOWN ON T(90)01_102.

rev	date	description	
T1	01/11/13	STAGE E TENDER ISSUE	MJS

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project leader	date	scale (at A3)
DC	NOV' 2013	NTS

drawing title
CORE SERVICES SMOKE VENTILATION SCHEMATIC

job no	dwg no	rev
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