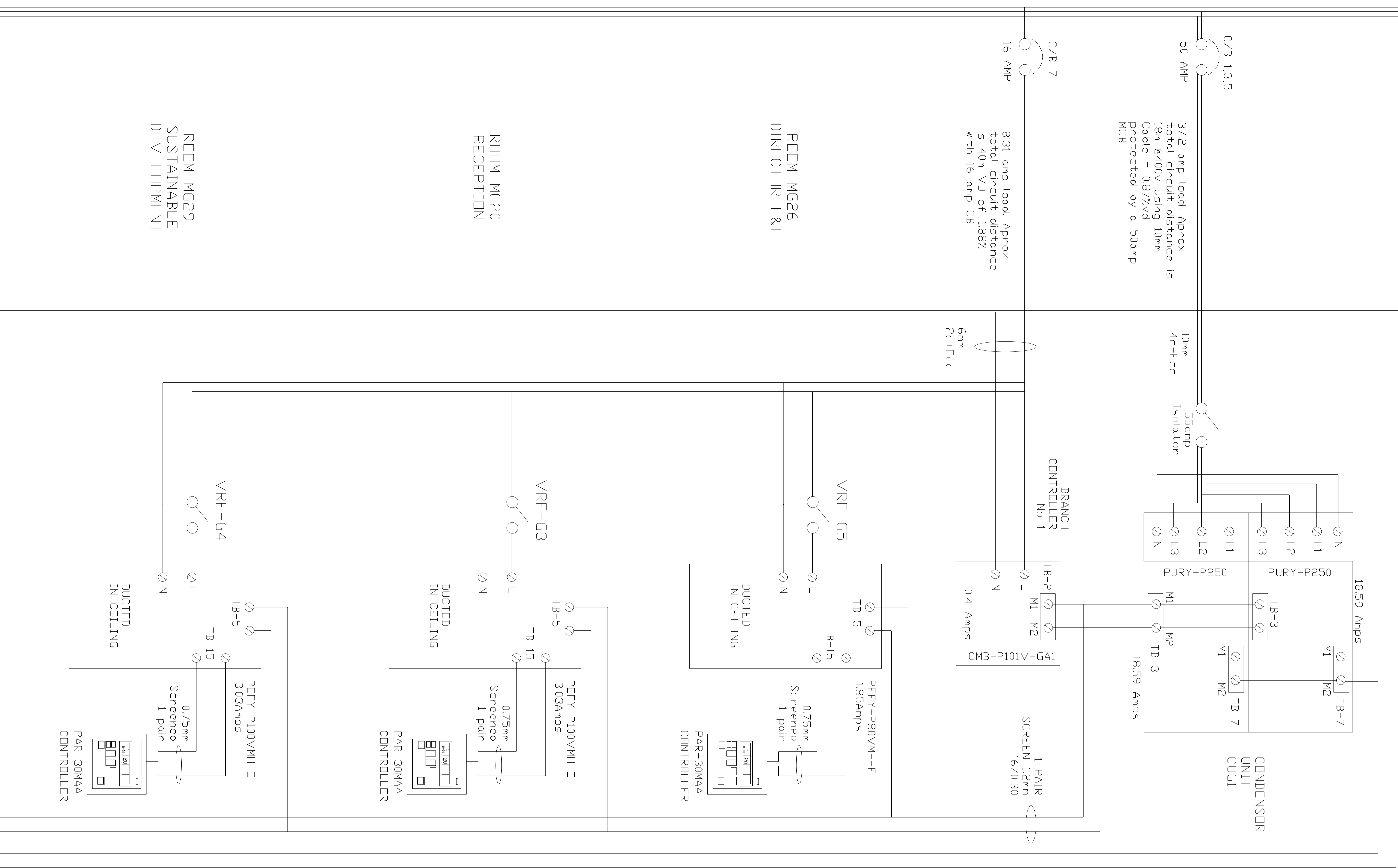


Total estimated Load for this MSSB is
 Red Phase 145 amps
 White Phase 137 amps
 Blue Phase 135 amps

250 Amp Load
 Break Switch

**CENTRALIZED
 CONTROL
 SYSTEM NO1**



10amp load, Approx
 total circuit distance
 is 50m VD of 2.35%
 with 16 amp CB

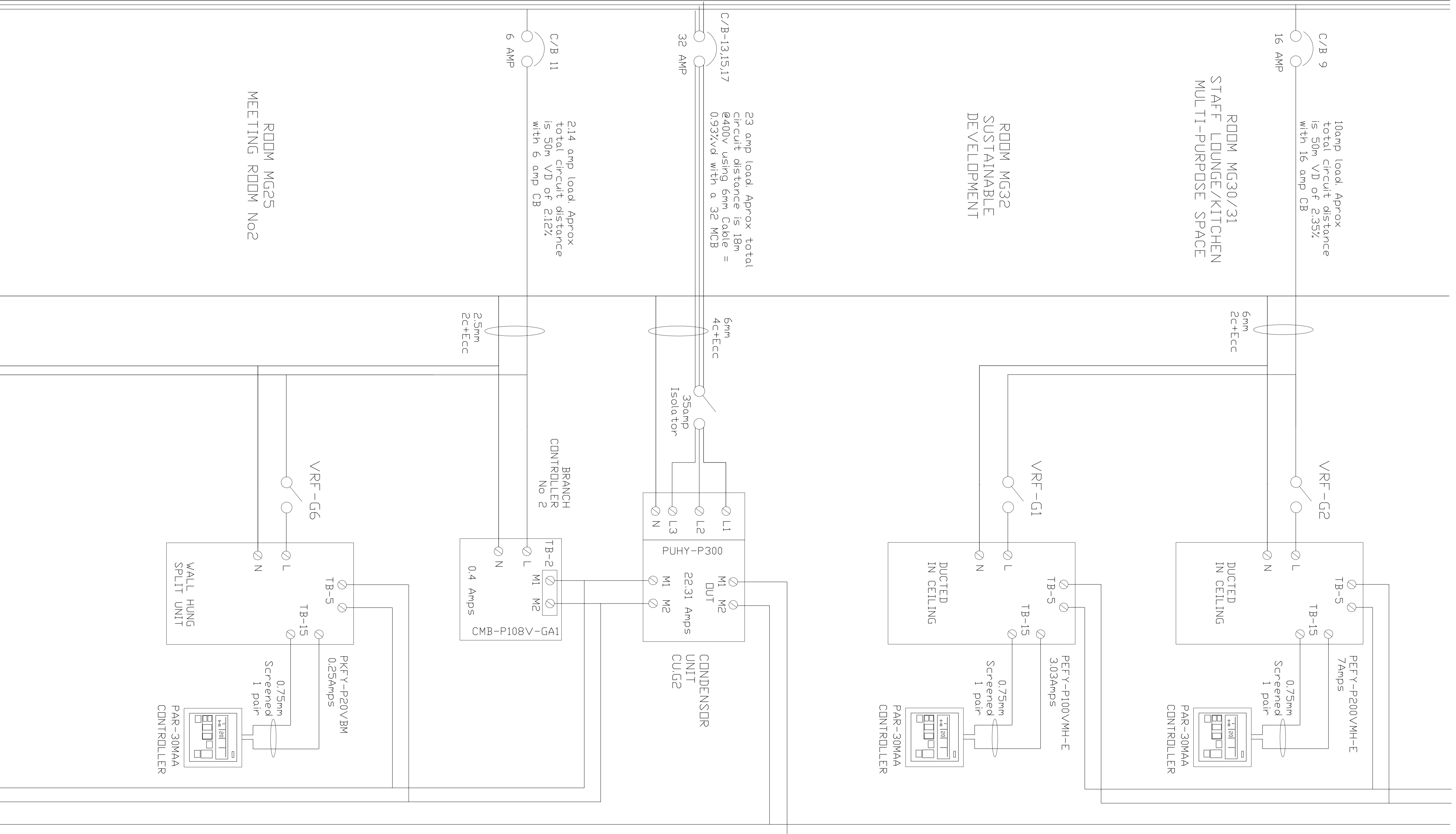
ROOM MG30/31
 STAFF LOUNGE/KITCHEN
 MULTI-PURPOSE SPACE

ROOM MG32
 SUSTAINABLE
 DEVELOPMENT

23 amp load, Approx total
 circuit distance is 18m
 @400v using 6mm Cable =
 0.93%VD with a 32 MCB

214 amp load, Approx
 total circuit distance
 is 50m VD of 212%
 with 6 amp CB

ROOM MG25
 MEETING ROOM NO2



No	ISSUE	BY	DATE	No	ISSUE	BY	DATE

No	BY	DATE

DATE	2nd of Feb 2013	DESIGNED	RR
SCALE	N/A	CHECKED	
DRAWN	RR	No. IN SET	1 OF 10

CONTROL & DESIGN PTY
 LTD
 52 TAYLORS LANE STRATHFIELDSAYE
 TEL. (03) 54393495 FAX. (03) 54395126
 A.C.N. 066998979

PROJECT
 CASTLEMANE SCHOOL OF MINES
 27 LITTLETON ST CASTLEMANE VIC 3456

TITLE
 MECHANICAL SERVICES
 SWITCHBOARD GROUND
 ELECTRICAL SCHEMATICS
 AS BUILT DRAWINGS

PROJECT No. DRAWING No. REVISION
C-449 E1 5

CAO FILE No. CAST SCHBDL OF MINES/Electr Schem