

Stannah

MAXILIFT HYDRAULIC

STANNAH PASSENGER LIFT

(NEXUS LV CONTROLLERS)

ELECTRICAL WIRING MANUAL

ISSUE:

28

THIS MANUAL IS TO
BE RETAINED WITHIN
THIS LIFT
CONTROLLER

Part Number: 906240-28

Stannah

MAXILIFT PASSENGER LIFT

The information contained within this manual consists of wiring detail sub-section drawings.

A key wiring detailing the complete lift electrical system is supplied with the lift and stored within the lift motor room.

Extra copies of the key wiring diagram can be obtained through the Spares Department, quoting the lift contract number.

The Maxilift range is designed to operate from any standard electrical supply for a building, e.g. 400/415V a.c. three phase, or 220/240V a.c. single phase. Other voltages can usually be accommodated.

The pump motor is selected to suit each site, three phase (with Star/Delta start option to suit low current requirements) or single phase. The Speed (0.15m/S to 1m/S) and Horse Power (3 to 40) are also selected to suit the requirements of each site.

The control circuits are supplied from an isolating transformer to give 110V a.c., 24V rectified d.c. and 9V a.c. dedicated for Nexus power supply.

NOTE:

For replacement copies of this manual please contact.

Spares Department

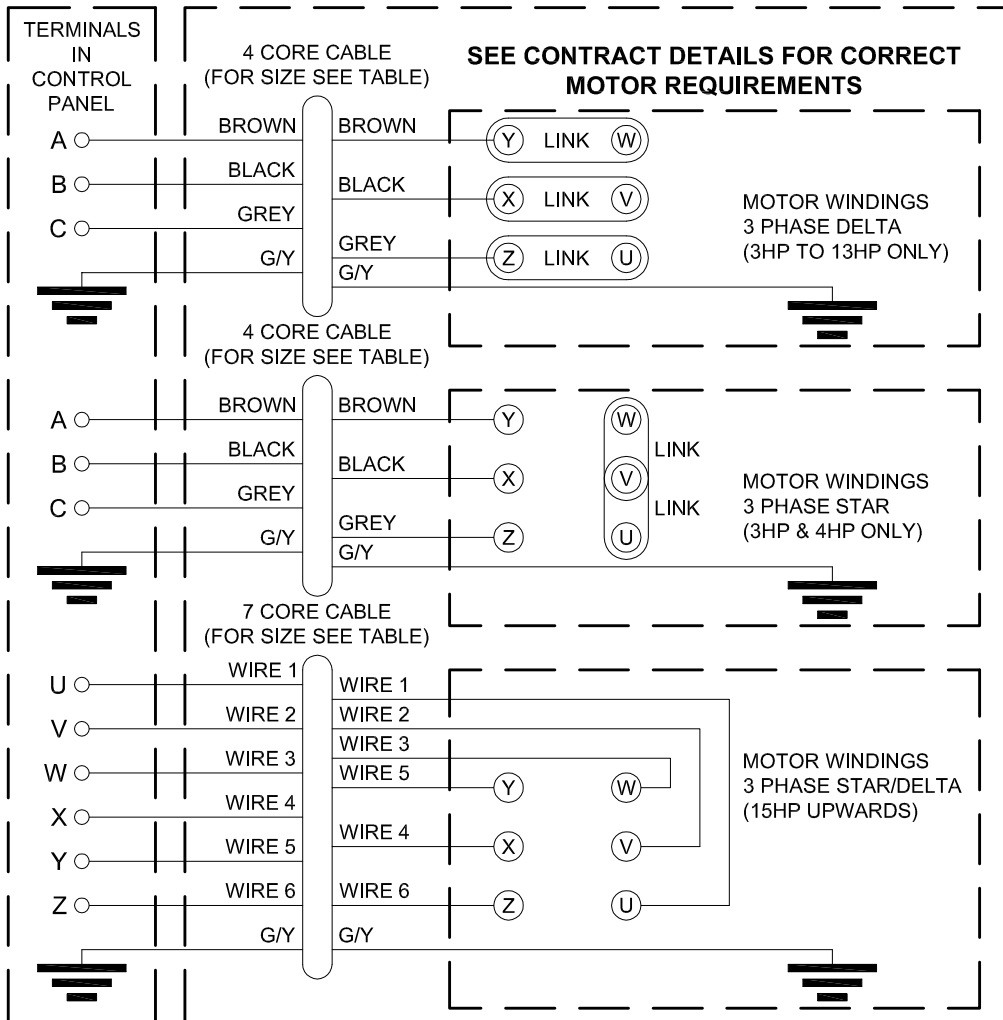
IMPORTANT:

This manual is specific to this site, please quote the lift contract number when ordering replacements.

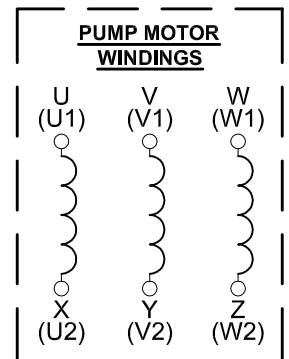
Stannah

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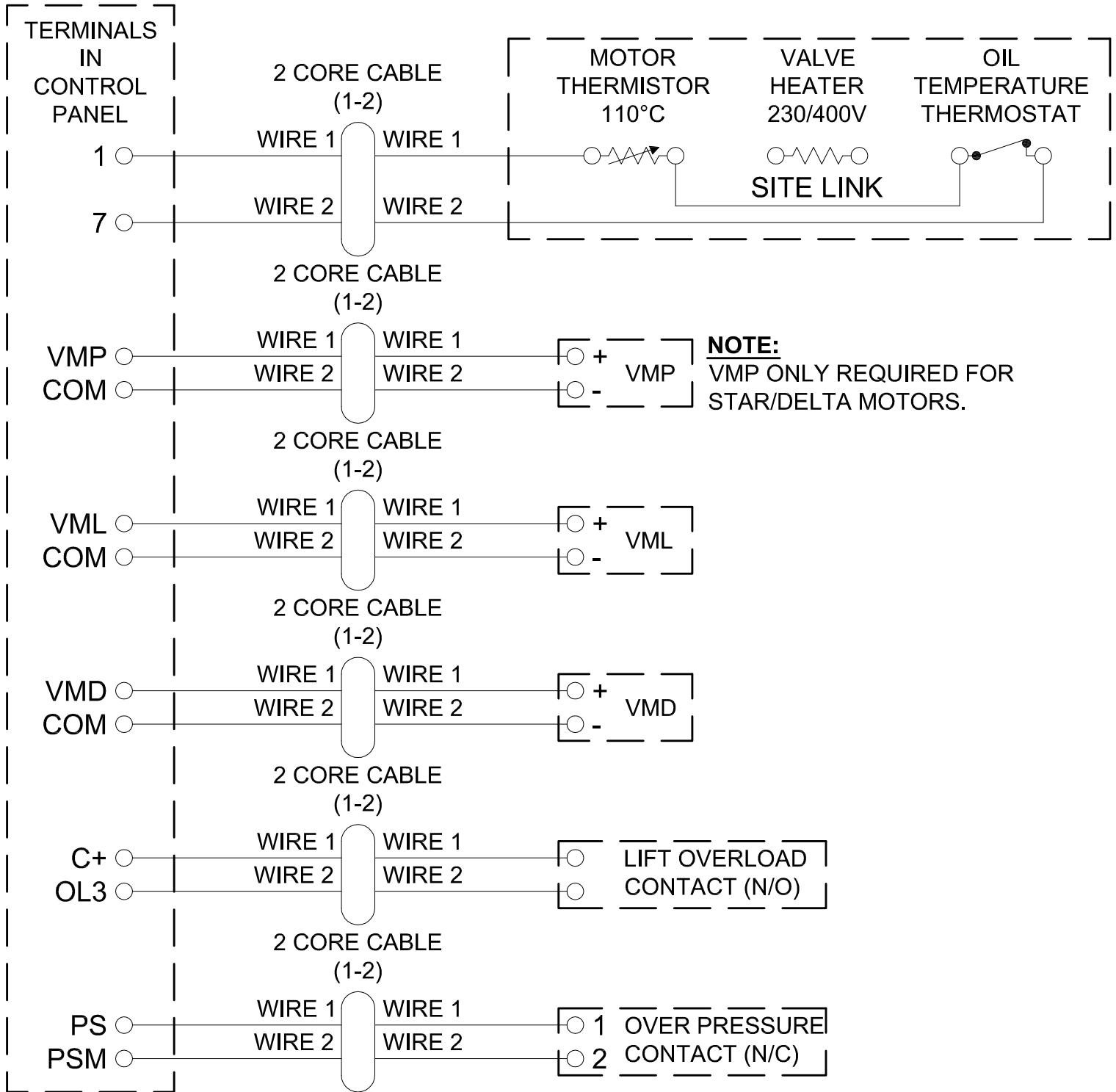
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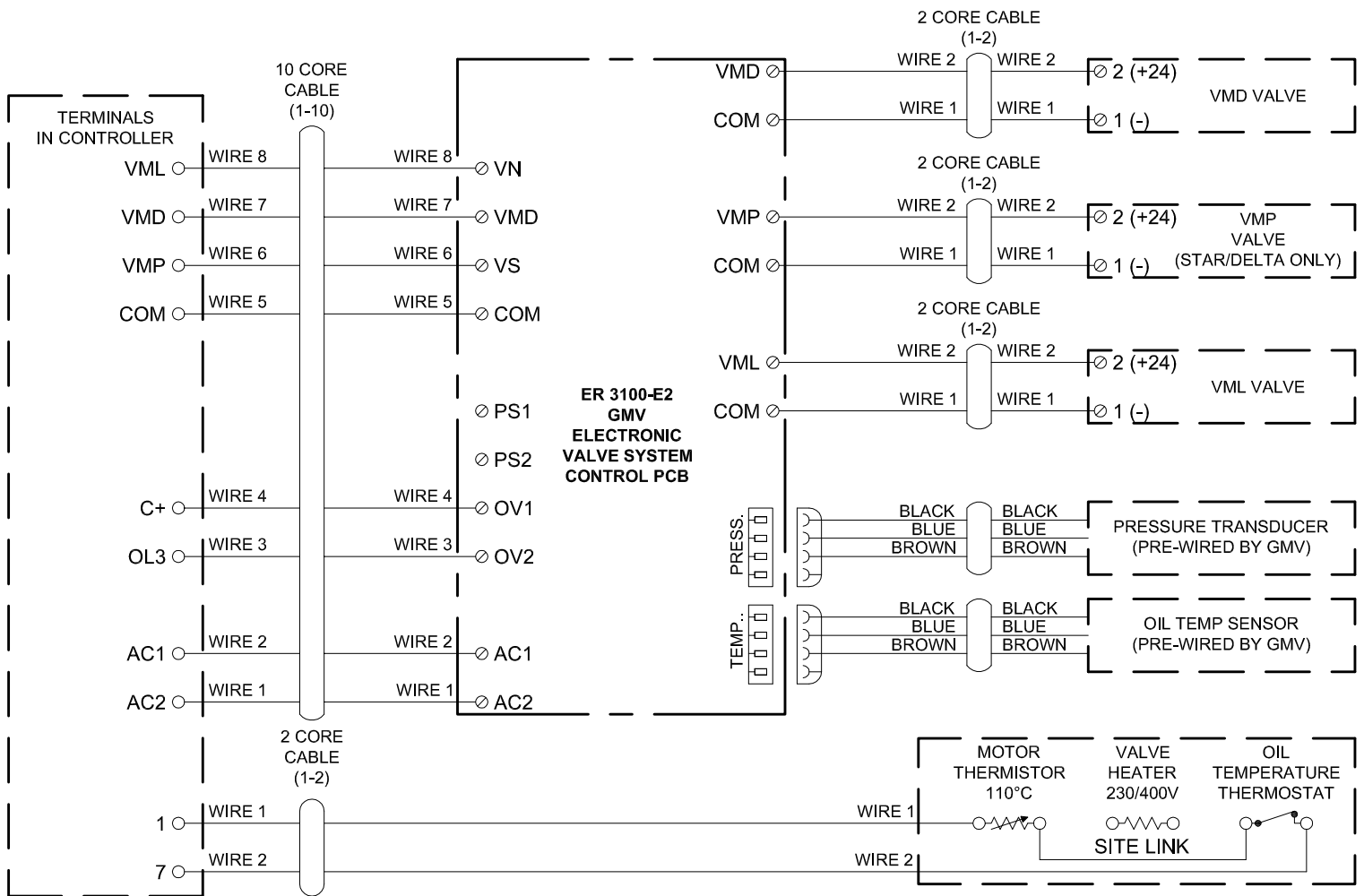
	MOTOR HP	'D' TYPE MCB RATING	CABLE SIZE (mm ²)
DELTA START (DIRECT ON LINE)	3	10	4.0
	4	20	4.0
	6.5	20	4.0
	8	20	4.0
	10.5	32	6.0
STAR/DELTA START	13	32	6.0
	15	32	6.0
	17	32	6.0
	20	40	10.0
	25	50	10.0
	30	63	16.0
	40	80	16.0



NAME: D. CLARK	DATE: 12/07/04
CHECKED: R. BAUGH	DATE: 12/07/04
NEXUS/NEXI LV MOTOR ROOM WIRING - HYDRAULIC LIFT MOTOR WINDINGS	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP102NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/514	REV: B

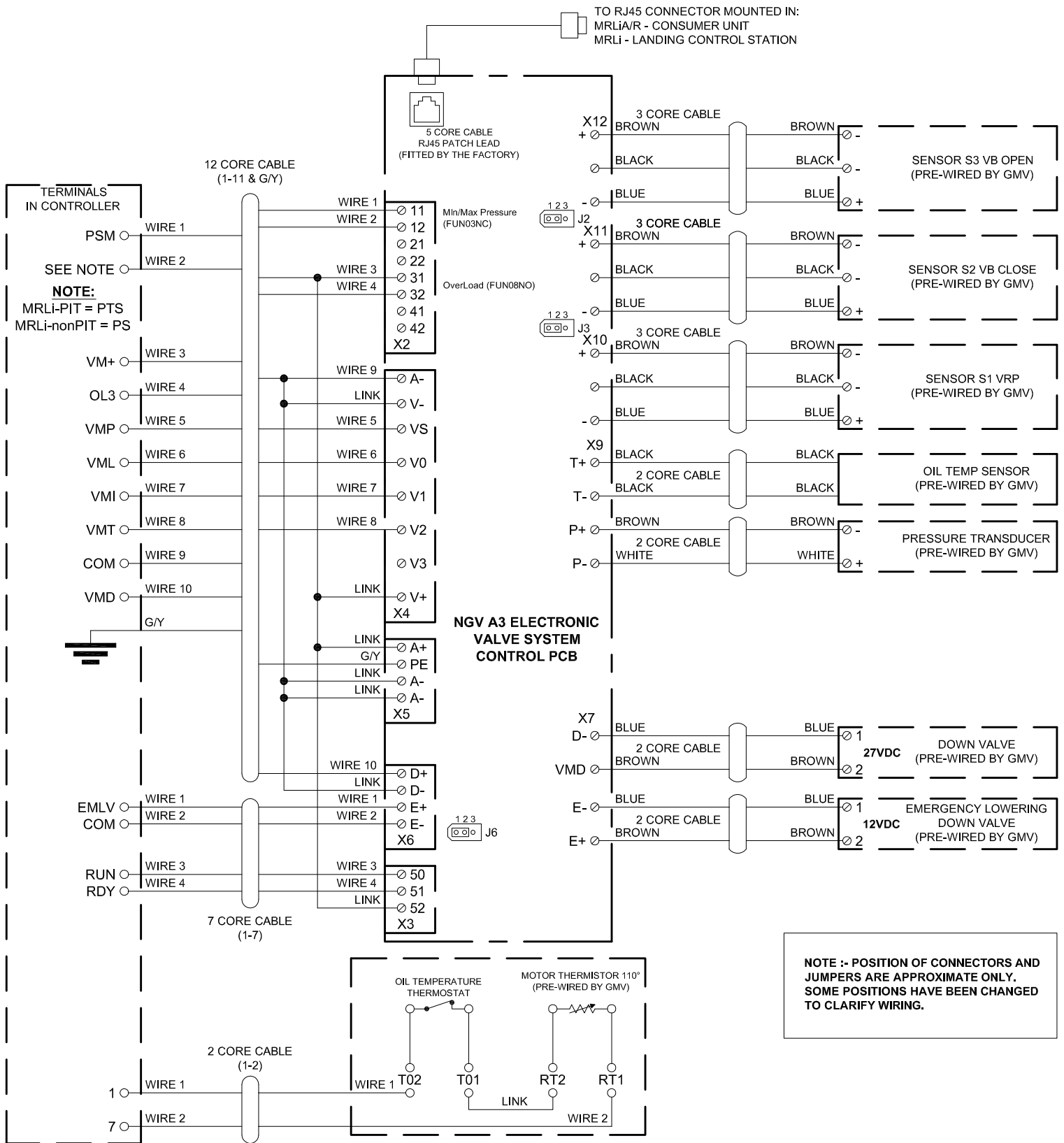


NAME: D. CLARK	DATE: 11/05/07
CHECKED: R. BAUGH	DATE: 11/05/07
MOTOR ROOM WIRING GMV 3010 VALVE BLOCK	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/654	REV: A



REV E: UPDATED FOR NEW LOGO AND TEXT FONT. 27/07/10. SAJ
 REV D: THERMISTOR/THERMOSTAT WIRING ADDED. 11/05/07 DC.
 REV C: AC1 & AC2 (24VAC) ADDED. CABLE CHANGED FROM 7 TO 10 CORE, WIRE NUMBERS AMENDED. 04/03/05 DC.
 REV B: POWER SUPPLY 'AC1' CONNECTION CHANGED FROM 110VAC 'PSM' TO 24VDC 'C+'. 17/12/04 DC.
 REV A: 'VN' RENAMED 'VML', 'VS' RENAMED 'VMP' FOR STANDARD TERMINALS & VALVES CHANGED TO 24VDC. 08/08/03 DC.

NAME: D. CLARK	DATE: 24/01/03
CHECKED: R. BAUGH	DATE: 24/01/03
MOTOR ROOM WIRING - GMV 3100 ELECTRONIC VALVE SYSTEM	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/445	REV: E



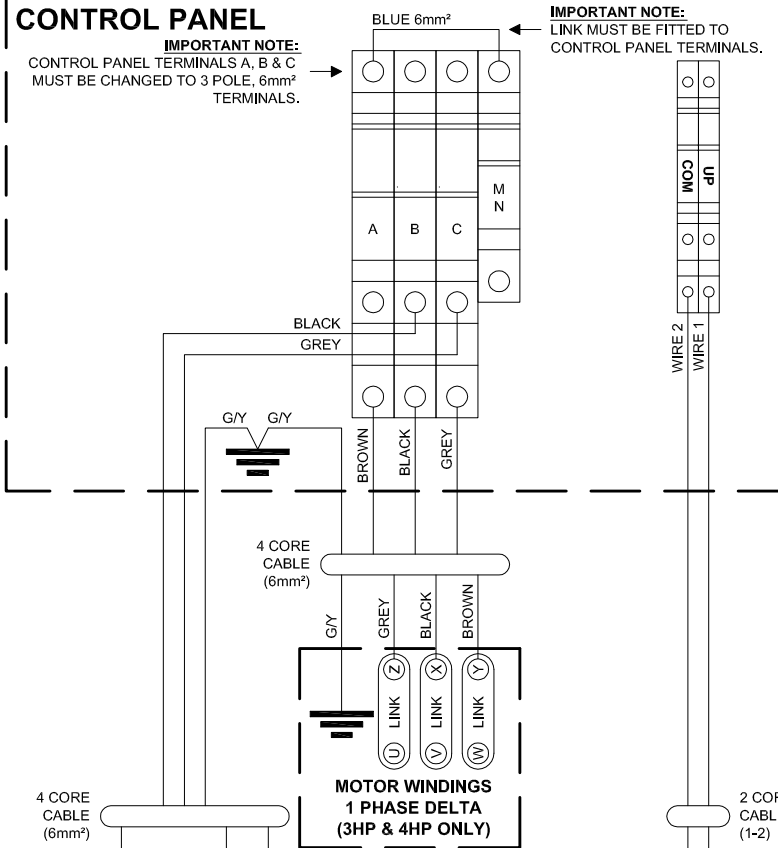
REV B : SENSOR S3 WAS S2. 07/03/12 GC
REV A : LINK INFORMATION ADDED PLUS NOTE ON LAYOUT. 23/01/12 GC ECN L5148

NAME: S. JACKSON	DATE: 29/07/09
CHECKED: G. COOPER	DATE: 29/07/09
MOTOR ROOM WIRING - GMV NGV A3 ELECTRONIC VALVE SYSTEM	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/793	REV: B

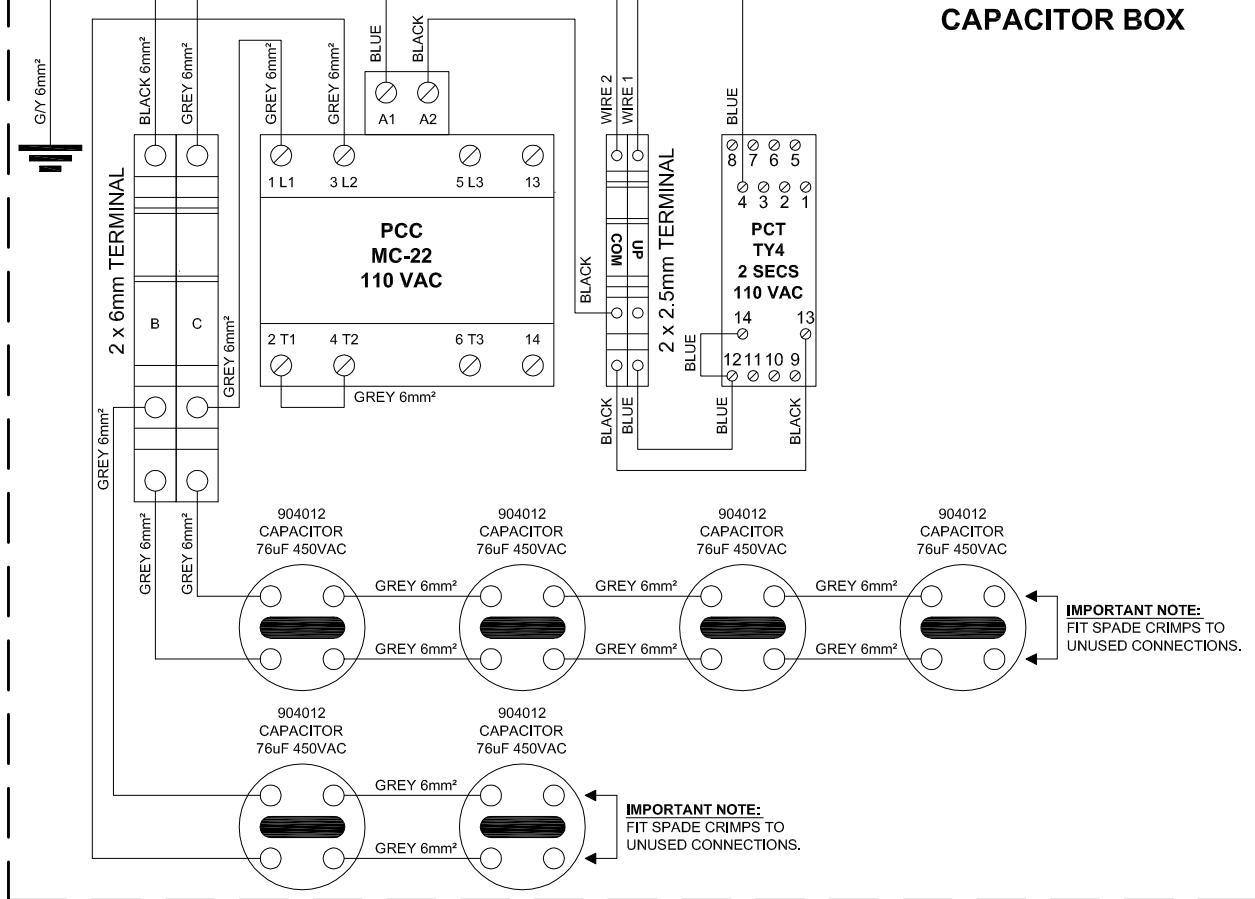
CONTROL PANEL

IMPORTANT NOTE:
CONTROL PANEL TERMINALS A, B & C
MUST BE CHANGED TO 3 POLE, 6mm²
TERMINALS.

IMPORTANT NOTE:
LINK MUST BE FITTED TO
CONTROL PANEL TERMINALS.



CAPACITOR BOX



IMPORTANT NOTE:
FIT SPADE CRIMPS TO
UNUSED CONNECTIONS.

IMPORTANT NOTE:
FIT SPADE CRIMPS TO
UNUSED CONNECTIONS.

NAME:	D. CLARK	DATE:	12/06/07
CHECKED:	R. BAUGH	DATE:	12/06/07

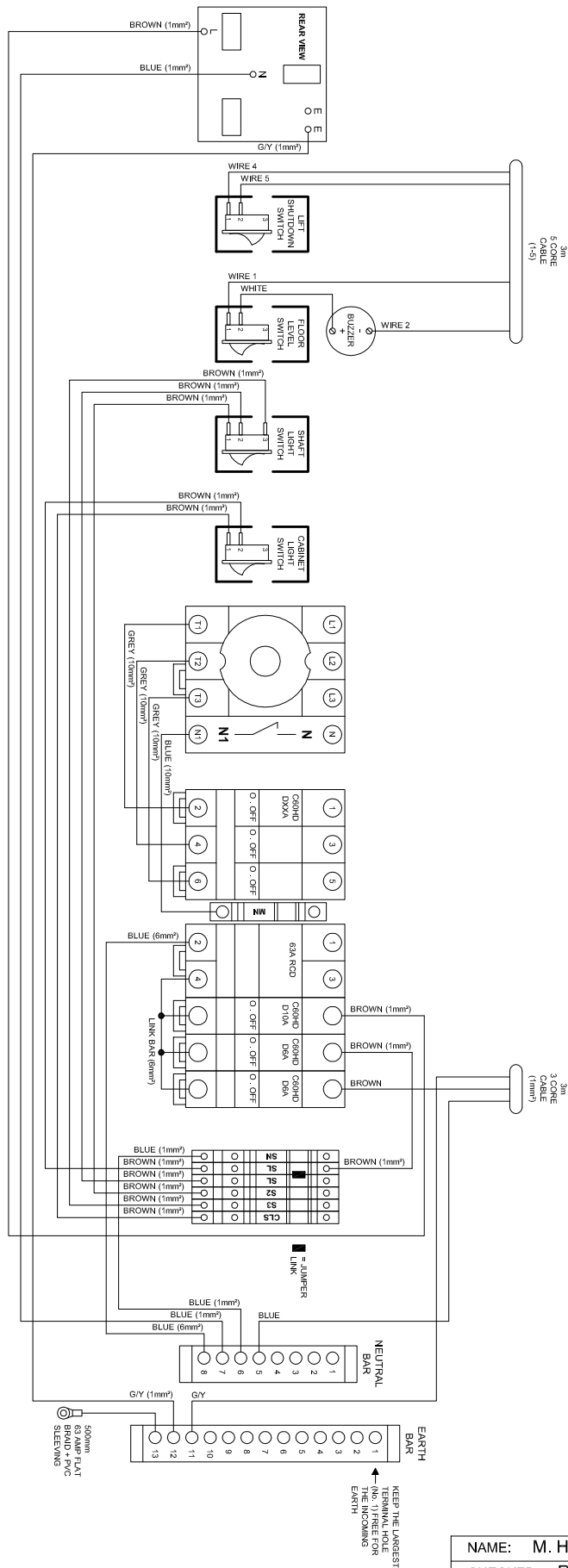
MOTOR ROOM WIRING -
1 PHASE SUPPLY (220-240V)
3HP & 4HP ONLY

Stannah

HEAD OFFICE:
Anton Mill
Andover Hampshire
SP10 2NX England

Tel: 01264 339090 Fax: 337942

DRAWING NO:	9333/658	REV:	A
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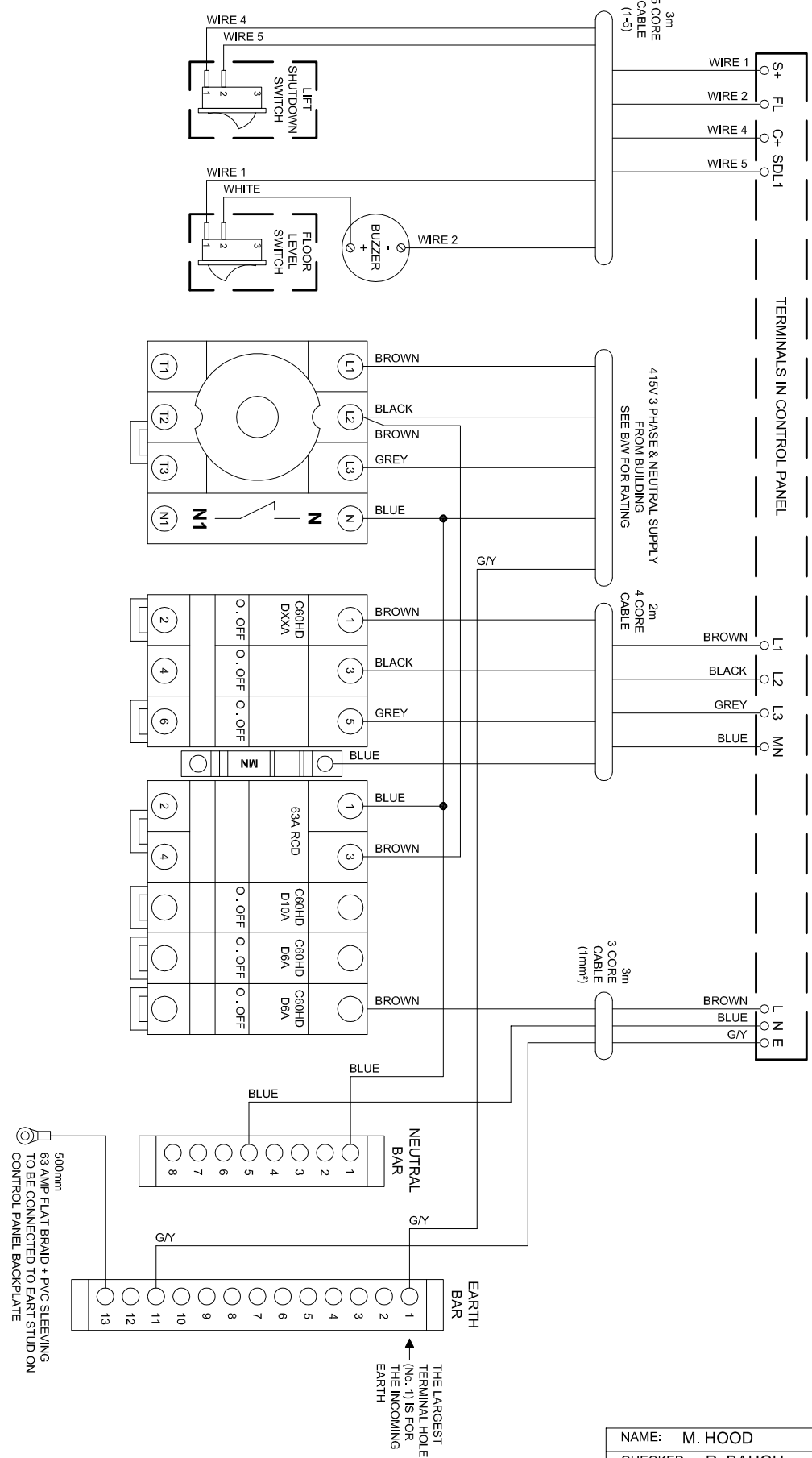


KEEP THE LARGEST (NO. 1) FREE FOR EARTH


NAME: M. HOOD	DATE: 27/08/02
CHECKED: R. BAUGH	DATE: 27/08/10
MRC - STANNAH CABINET FACTORY WIRING	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/402	REV: G

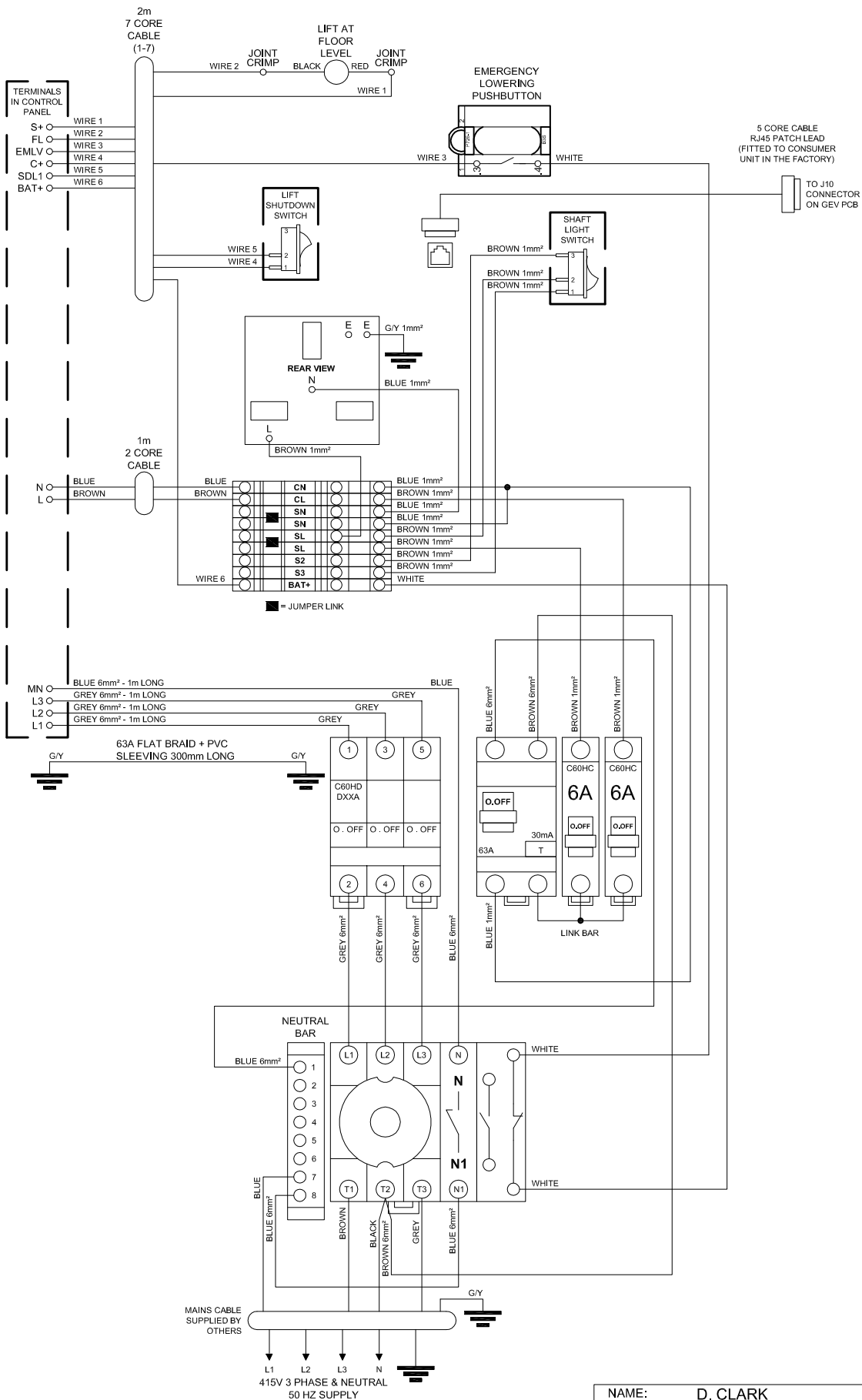
REV G: AUTO DIALLER FEED & 6A CIRCUIT BREAKER REMOVED. UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ.
 REV F: 3A MCB (PART No.911136) NOW OBSOLETE REPLACED BY 6A UNIT (PART No.911141). ECN L3825 REFERS. 21/11/07 GC.
 REV E: CABLE COLOURS CHANGED TO NEW MAINS COLOURS. 'C+' & 'SDL1' CHANGED FROM WIRES 3 & 4 TO 4 & 4. REDRAWN TO REPRESENT PHYSICAL LAYOUT. 27/06/07 DC.
 REV D: SHAFT COMPONENT WIRING UPDATED TO MULTICORE CABLES. 06/07/04 DC.
 REV C: SHAFT COMPONENTS REDRAWN TO SHOW PIT BOX. 32A RCD CHANGED TO 63A RCD. 2.5mm CABLES CHANGED TO 1mm. 7 CORE CABLE CHANGED TO 5 CORE & NUMBERING CHANGED. 11/03/04 DC.
 REV B: SDL2 TERMINAL CHANGED TO SDL1 AND DRAWING CHANGED TO AUTOCAD 27/08/02 MH
 REV A: CONNECTION DETAILS ALTERED 27/08/02 MH

IMPORTANT NOTE:
 ALL CABLES PRE-WIRED IN FACTORY MUST BE TERMINATED PRIOR TO 415V CABLE
 FROM BUILDING SUPPLY IS CONNECTED.
 FAILURE TO DO THIS COULD RESULT IN DISCONNECTED WIRES BECOMING LIVE.



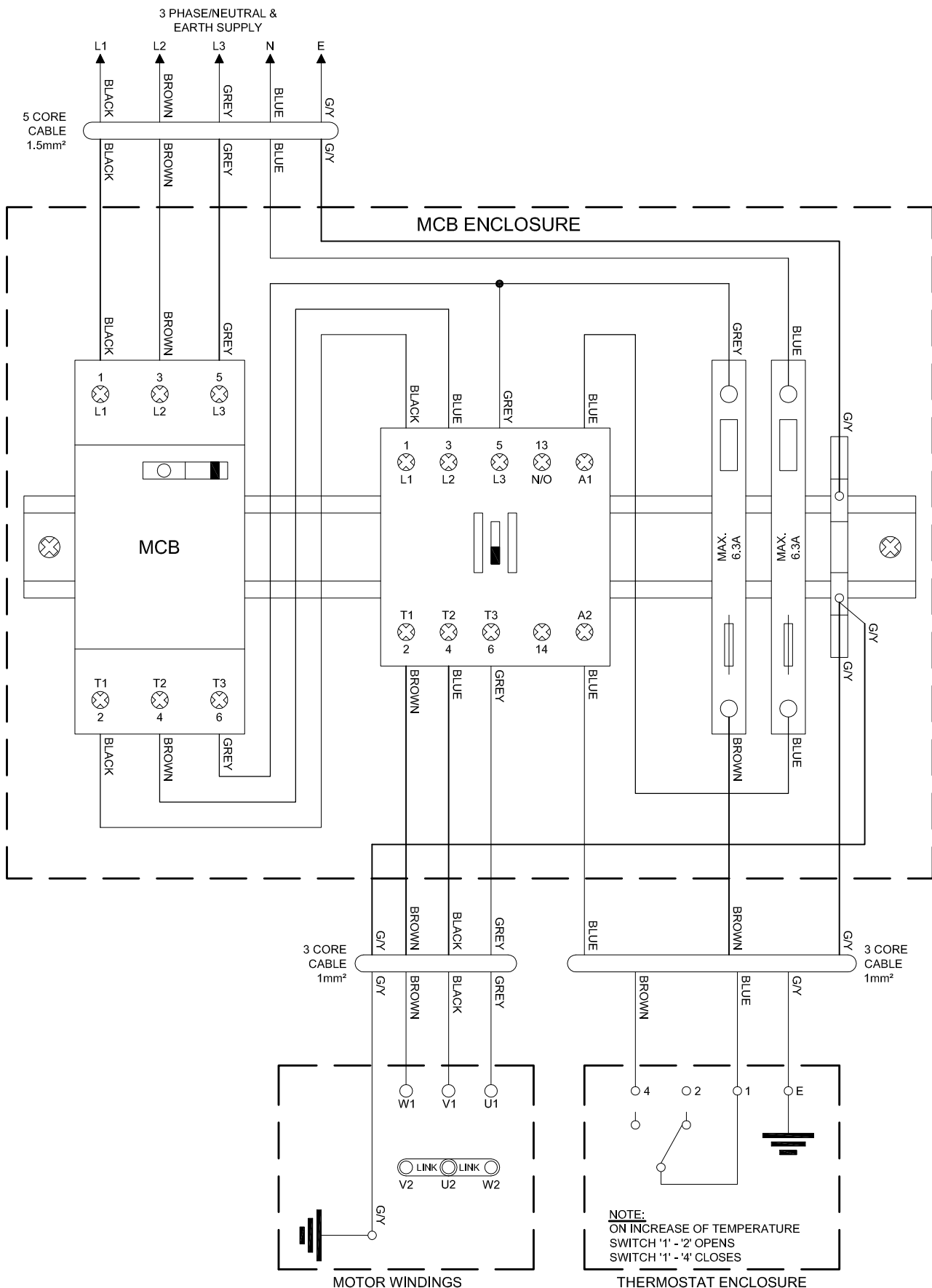
REV H: AUTODIALLER FEED & 6A CIRCUIT BREAKER REMOVED. UPDATED FOR NEW LOGO AND FONT. NEUTRAL LINK ADDED TO MAIN SUPPLY. 27/07/10. SAJ
 REV G: REMOVED SEPARATE 1 PHASE SUPPLY FROM BUILDING, USING 1 PHASE OFF 3 PHASE SUPPLY. ECP208 20/04/09 JN.
 REV F: 3A MCB (PART No.911136) NOW OBSOLETE REPLACED BY 6A UNIT (PART No.911141), ECN L3825 REFERS. 21/11/07 GC.
 REV E: CABLE COLOURS CHANGED TO NEW MAINS COLOURS. 'C+' & 'SDL1' CHANGED FROM WIRES 3 & 4 TO 4 & 4. REDRAWN TO REPRESENT PHYSICAL LAYOUT. 27/06/07 DC.
 REV D: SHAFT COMPONENT WIRING UPDATED TO MULTICORE CABLES. 06/07/04 DC.
 REV C: SHAFT COMPONENTS REDRAWN TO SHOW PIT BOX. 32A RCD CHANGED TO 63A RCD. 2.5mm CABLES CHANGED TO 1mm. 7 CORE CABLE CHANGED TO 5 CORE & NUMBERING CHANGED. 11/03/04 DC.
 REV B: SDL2 TERMINAL CHANGED TO SDL1 AND DRAWING CHANGED TO AUTOCAD 27/08/02 MH
 REV A: CONNECTION DETAILS ALTERED 27/08/02 MH


NAME: M. HOOD	DATE: 27/08/02
CHECKED: R. BAUGH	DATE: 27/08/02
MACHINE ROOM WIRING MRC STANNAH CABINET SITE WIRING	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England Tel: 01264 339090 Fax: 337942	
	
DRAWING NO: 9333/403	REV: H



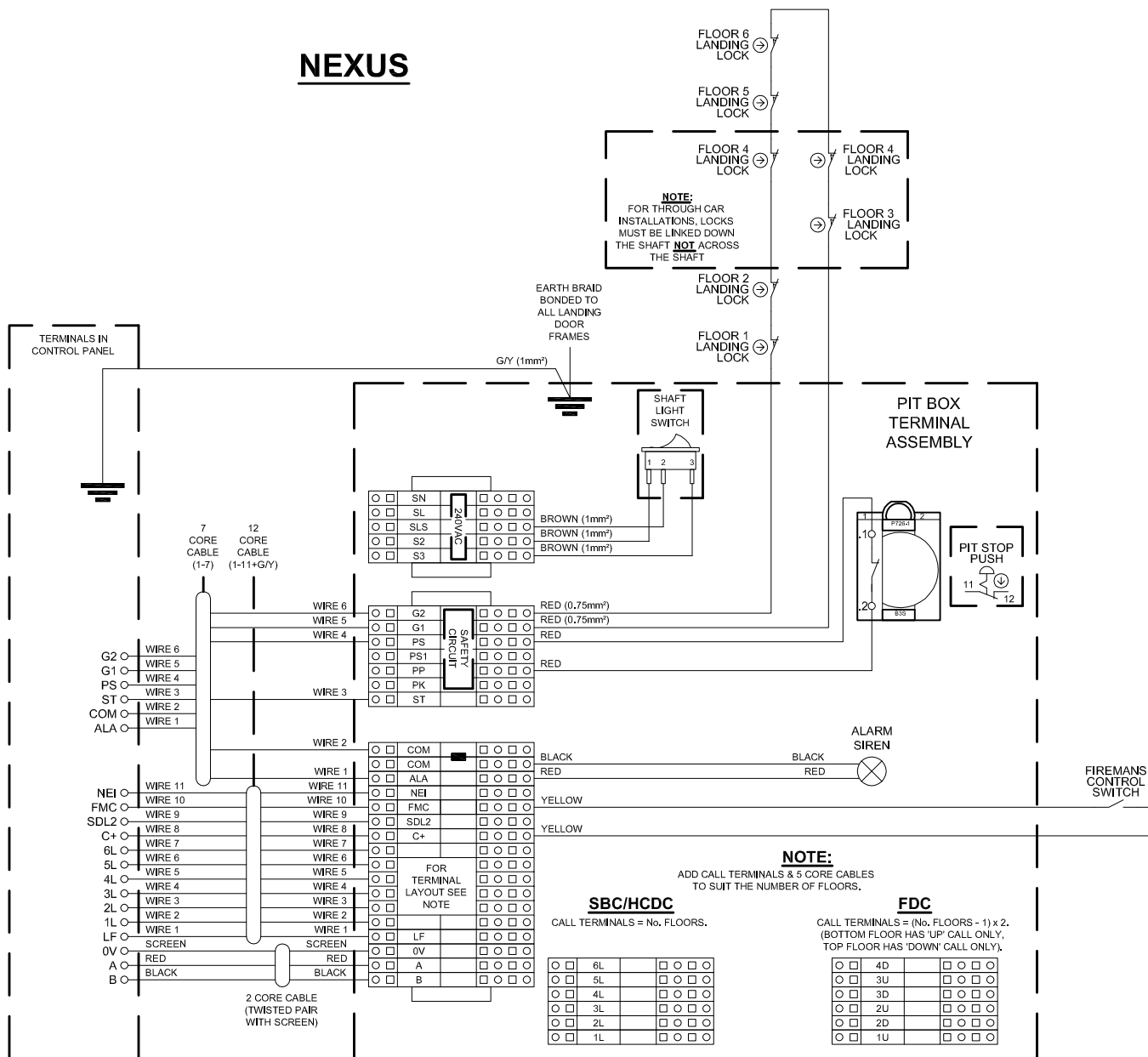
REV F: UPDATED FOR A3 COMPLIANCE. ECN 5071. 13/10/11 SAJ.
 REV E: UPDATED FOR NEW LOGO AND TEXT FONT. 27/07/10 SAJ.
 REV D: PAWL DEVICE CIRCUITRY ADDED TO EMERGENCY LOWERING PUSHBUTTON. L4265. BATT+ TERMINAL ADDED, TO POWER EMERGENCY LOWERING DIRECT FROM BATTERY. 18/08/09 SAJ.
 REV C: 6A RCCBs REMOVED. 63A RCD & 6A CIRCUIT BREAKERS ADDED. 14/01/08 SAJ.
 REV B: CABLE COLOURS UPDATED - 240VAC RED & BLACK REPLACED WITH BROWN & BLUE. FLOOR LEVEL INDICATOR WIRING CORRECTED - NOW FROM 'S+'. 'FL' & 'EMLV' WIRE NUMBERS SWAPPED TO REFLECT TERMINAL LAYOUT & OTHER PRODUCTS. LIFT SHUTDOWN SWITCH OPERATION REVERSED. LAYOUT CHANGED TO REFLECT ASSEMBLY. 25/05/07 DC.
 REV A: 6mm MAINS CABLE CHANGED FROM MULTICORE TO SINGLE CABLES. 19/03/07 DC.

NAME: D. CLARK	DATE: 04/12/06
CHECKED: R. BAUGH	DATE: 04/12/06
MRII-nonPIT - MOTOR ROOM WIRING - CONTROL PANEL CONSUMER UNIT	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/637	REV: F



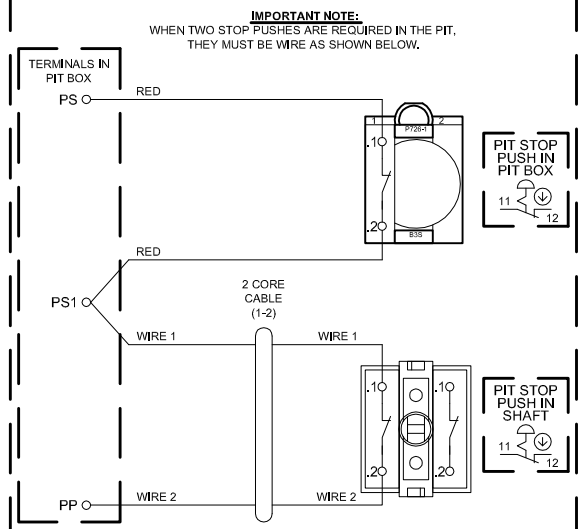
NAME: S. JACKSON	DATE: 05/08/10
CHECKED: G. COOPER	DATE: 05/08/10
'SEIM' OIL COOLER CONNECTION DETAILS	
	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/672	REV:

NEXUS



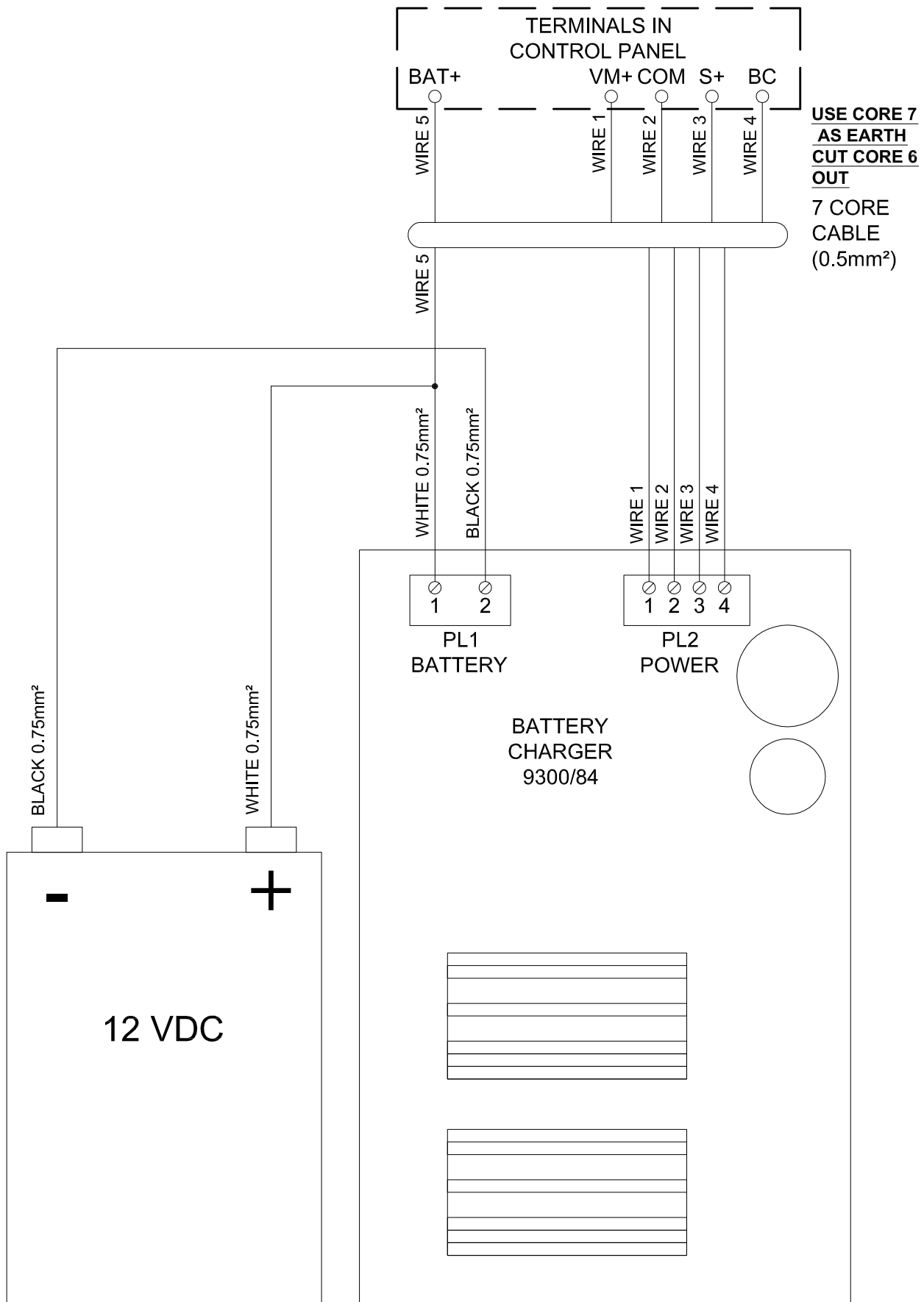
NOTE:
ADD CALL TERMINALS & 5 CORE CABLES TO SUIT THE NUMBER OF FLOORS.

SBC/HCDC				FDC			
CALL TERMINALS = No. FLOORS.				CALL TERMINALS = (No. FLOORS - 1) x 2. (BOTTOM FLOOR HAS 'UP' CALL ONLY, TOP FLOOR HAS 'DOWN' CALL ONLY).			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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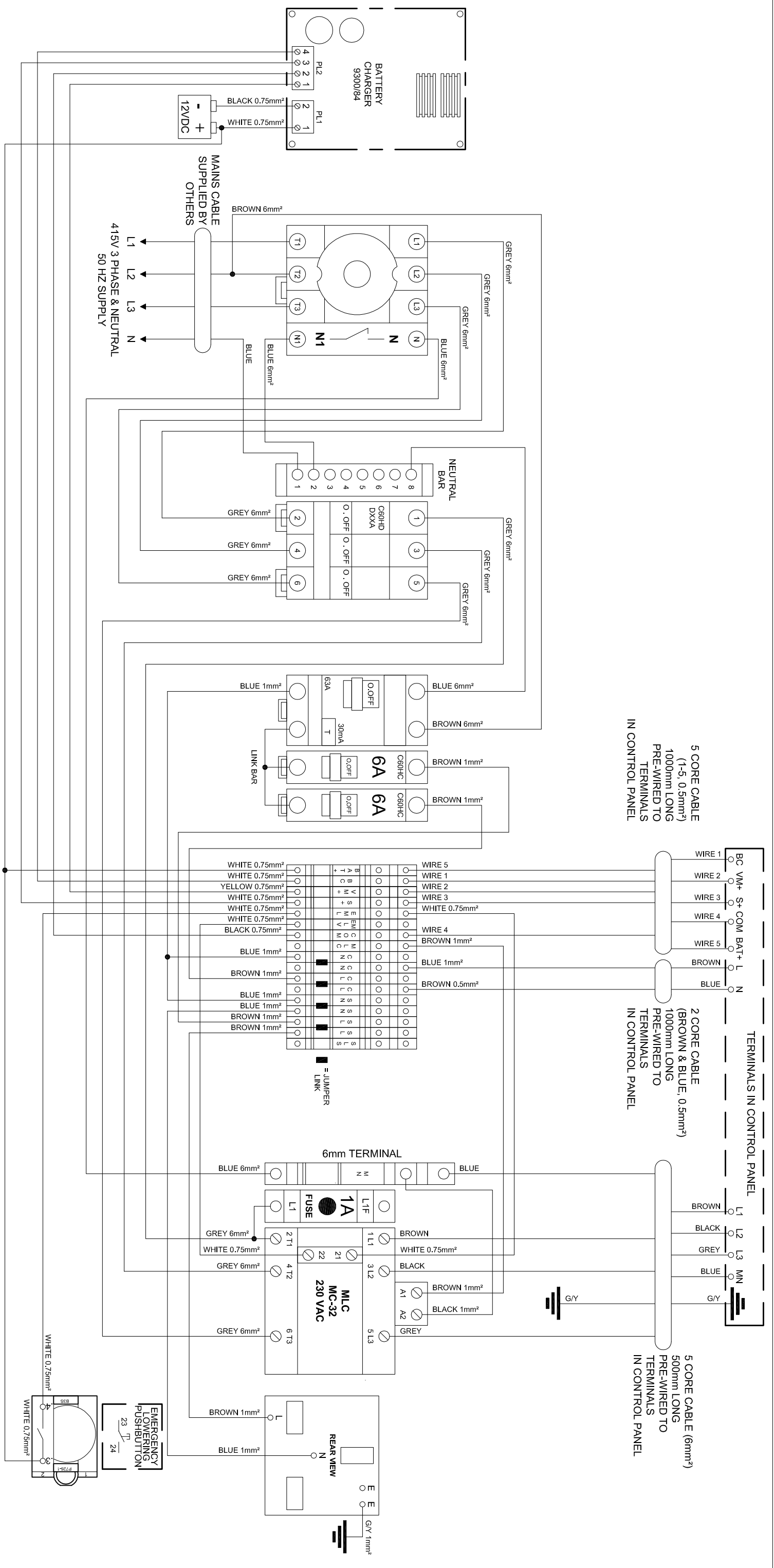
REV M: 'UP' TERMINAL REMOVED. UPDATED FOR A3 COMPLIANCE. ECN 5071. 19/10/11 SAJ.
 REV L: UPDATED FOR NEW LOGO AND TEXT FONT. 27/07/10 SAJ.
 REV K: 'PK' TERMINAL ADDED. PIT PROP SAFETY SWITCH REMOVED. 29/01/08. SAJ.
 REV J: CABLE COLOURS UPDATED - 240VAC RED TO BROWN. RED 2491X CABLE REDUCED TO 0.75mm². SHAFT LIGHT SWITCH AND STOP PUSH SYMBOLS UPDATED. 15/05/07 DC.
 REV I: INTRODUCTION OF EN81-73 - 'NEI' ADDED FOR 'NO ENTRY' INDICATOR. ECN: L3628. 21/02/07 DC.
 REV H: TERMINALS 'L' & 'N' RENAMED 'SL' & 'SN'. 12/01/07. DC.
 REV G: ALARM SIREN CHANGED TO PRE-WIRED TYPE AND NOW MOUNTED IN THE PIT BOX. 02/01/07. DC.
 REV F: TERMINALS 'UP' & 'SDL2' ADDED & CABLES CHANGED FROM 5 & 10 CORE TO 7 & 12 CORE. 27/11/06. DC.
 REV E: ALARM WIRING CHANGED TO 2 CORE NUMBERED. 20/07/06. SAJ.
 REV D: PIT PROP & ADDITIONAL STOP SWITCH WIRING CHANGED FROM RED 1mm² TO 2 CORE NUMBERED. 28/11/05 DC.
 REV C: TERMINALS '0V', 'A' & 'B' ADDED FOR DDU CIRCUIT. 'FP1-FP6', 'RU' & 'RD' REMOVED. 7 CORE CABLE CHANGED TO 10 CORE. 12 CORE CABLE REMOVED. 09/08/05 SAJ
 REV B: PIT PROP SAFETY SWITCH & TERMINALS 'PP' & 'PS1' ADDED. 16/06/05 DC.
 REV A: 'L', 'C+', 'FMC', 'ALA' & EXTRA 'COM' TERMINALS ADDED, 10 CORE CABLE CHANGED TO 12 CORE. 06/07/04 DC.

NAME: D. CLARK	DATE: 22/10/03
CHECKED: R. BAUGH	DATE: 22/10/03
NEXUS LV SHAFT WIRING - PIT TERMINAL BOX	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/485	REV: M

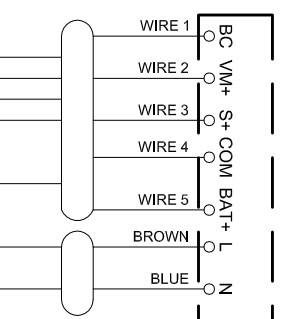


NAME:	D. CLARK	DATE:	04/12/06
CHECKED:	R. BAUGH	DATE:	04/12/06
MRLi-nonPIT SHAFT WIRING BATTERY CHARGER			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/636			REV: E

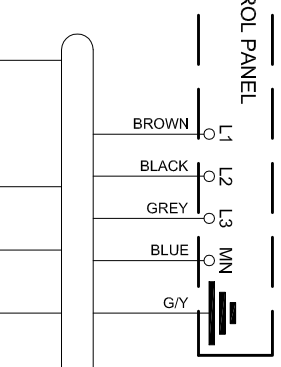
REV E: UPDATED FOR NEW LOGO AND TEXT FONT. 30/07/10 SAJ
 REV D: LINK FROM BATTERY CHARGER PL1-1 TO BAT+ IN CONTROL PANEL ADDED TO POWER EMERGENCY LOWERING DIRECT FROM BATTERY 18/08/09 JN.
 REV C: TERMINALS IN CONTROL PANEL CHANGED AND EARTH CABLE IDENTIFIED ADDED. 21/04/09 GC.
 REV B: NEW BATTERY CHARGER INCORPORATED. 01/04/09 GC.
 REV A: CABLE COLOUR CHANGE - 12VDC RED TO WHITE 0.75mm². BLACK 1mm CHANGED TO 0.75mm². 15/05/07 DC.



5 CORE CABLE
(1-5, 0.5mm²)
1000mm LONG
PRE-WIRED TO
TERMINALS
IN CONTROL PANEL



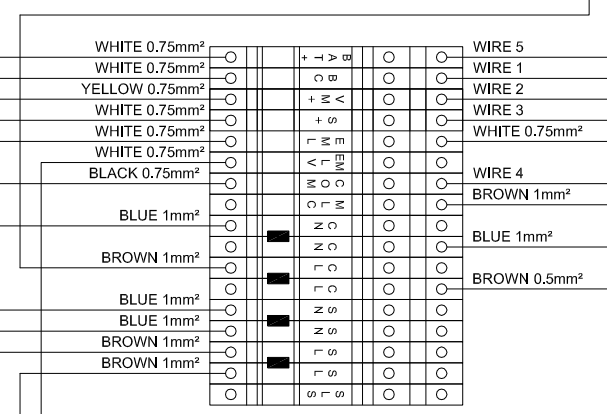
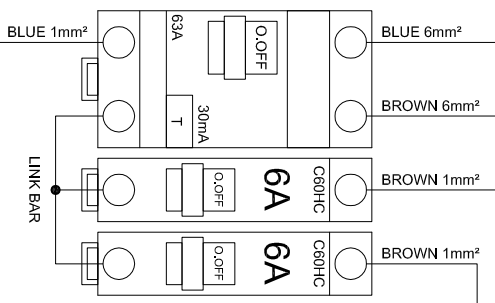
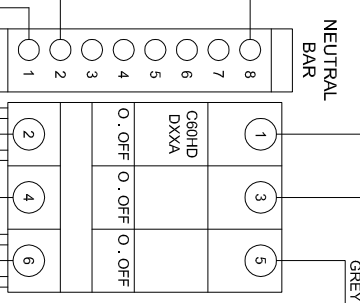
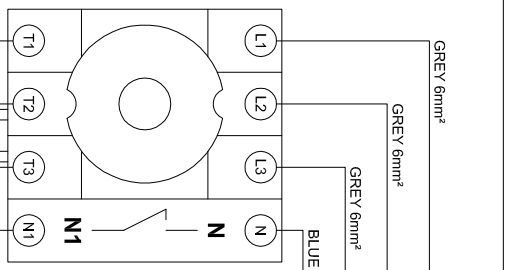
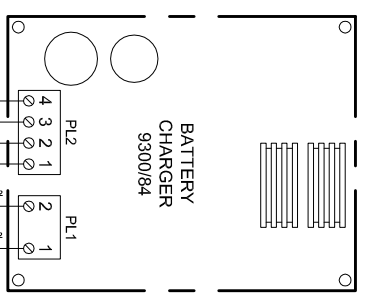
2 CORE CABLE
(BROWN & BLUE, 0.5mm²)
1000mm LONG
PRE-WIRED TO
TERMINALS
IN CONTROL PANEL



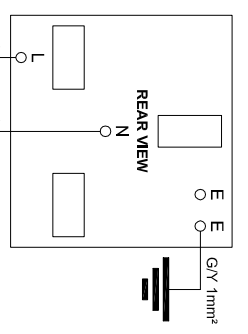
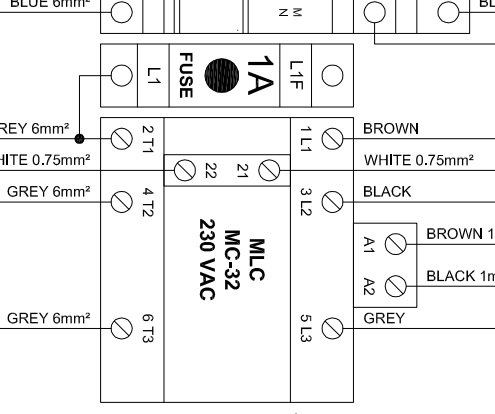
5 CORE CABLE (6mm²)
500mm LONG
PRE-WIRED TO
TERMINALS
IN CONTROL PANEL

415V 3 PHASE & NEUTRAL
50 HZ SUPPLY

MAINS CABLE
SUPPLIED BY
OTHERS



6mm TERMINAL



WIRE 5	WIRE 2	WIRE 3	WIRE 4	WIRE 1	WIRE 2	WIRE 3	WIRE 4	WIRE 1	WIRE 2	WIRE 3	WIRE 4	WIRE 1	WIRE 2	WIRE 3	WIRE 4	WIRE 1	WIRE 2	WIRE 3	WIRE 4	WIRE 1	WIRE 2	WIRE 3	WIRE 4						
WHITE 0.75mm ²	WHITE 0.75mm ²	WHITE 0.75mm ²	WHITE 0.75mm ²	WHITE 0.75mm ²	WHITE 0.75mm ²	WHITE 0.75mm ²	BLACK 0.75mm ²	BLUE 1mm ²	BROWN 1mm ²	BLUE 1mm ²	BROWN 1mm ²	BLUE 1mm ²	BLUE 1mm ²	BROWN 1mm ²	BROWN 1mm ²	WHITE 0.75mm ²	WHITE 0.75mm ²	YELLOW 0.75mm ²	WHITE 0.75mm ²	WHITE 0.75mm ²	WHITE 0.75mm ²	BLACK 0.75mm ²	BLUE 1mm ²	BROWN 1mm ²	BLUE 1mm ²	BLUE 1mm ²	BROWN 1mm ²	BROWN 1mm ²	

= JUMPER LINK

REV G: UPDATED FOR NEW LOGO AND TEXT FONT. 27/07/10 SAJ.
 REV F: BATT+ TERMINAL ADDED, TO POWER EMERGENCY LOWERING DIRECT FROM BATTERY. 18/08/09 JN.
 REV E: ELU PCB REMOVED AND NEW BATTERY CHARGER ADDED. 2 CORE CHANGED TO 5 CORE. TERMINALS 'BC' & 'VM+' ADDED.
 01/04/09 SAJ.
 REV D: 6A RCCBs REMOVED. 63A RCD & 6A CIRCUIT BREAKERS ADDED. 14/01/08 SAJ.
 REV C: CABLE COLOUR CHANGE - 415VAC RED TO BROWN, N BLACK TO BLUE, 12VDC PURPLE TO WHITE.
 GENERAL LAYOUT UPDATED. 5 CORE CABLE CHANGED TO 2 x 2 CORE. 3 CORE CABLE FROM ELU2 REPLACED WITH SINGLE CORE
 CABLES. 16/05/07 DC.
 REV B: EXTRA 'CL' & 'CN' TERMINALS ADDED, BOX SHOWING TERMINAL RAIL ENLARGED ADDED. 08/06/06 SAJ.
 REV A: EXTRA 'SL' & 'SN' TERMINAL ADDED, 'L1' FUSE & 'MN' TERMINAL MOVED, FS4 NOTE ADDED. 28/09/05 DC.

NAME: S. JACKSON DATE: 31/03/05
 CHECKED: D. CLARK DATE: 31/03/05

MRL-PT SHAFT WIRING -
 CONSUMER UNIT

HEAD OFFICE:
 Anton Mill
 Andover Hampshire
 SP10 2NX England
 Tel: 01264 339090 Fax: 337942

Stannah

DRAWING NO: 9333/534 REV: G

PIT CONTROL STATION

5m
7 CORE
CABLE
(1-7)

WIRE 3

WIRE 4

WIRE 5

WIRE 6

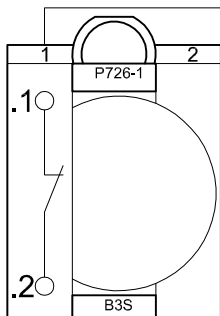
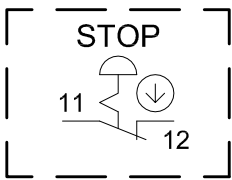
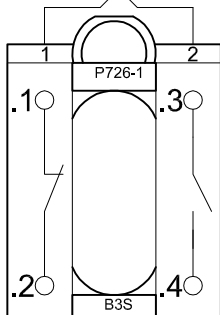
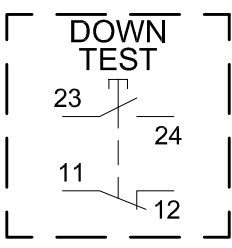
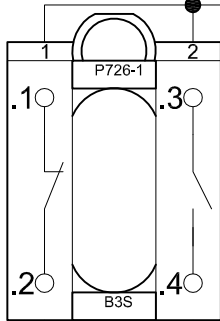
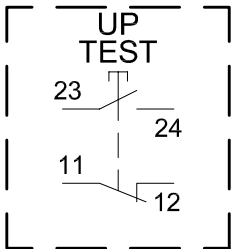
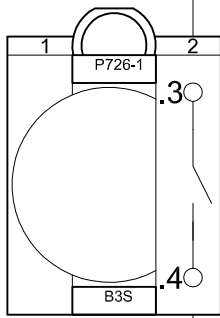
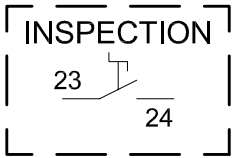
WIRE 7

WIRE 1


WIRE 2

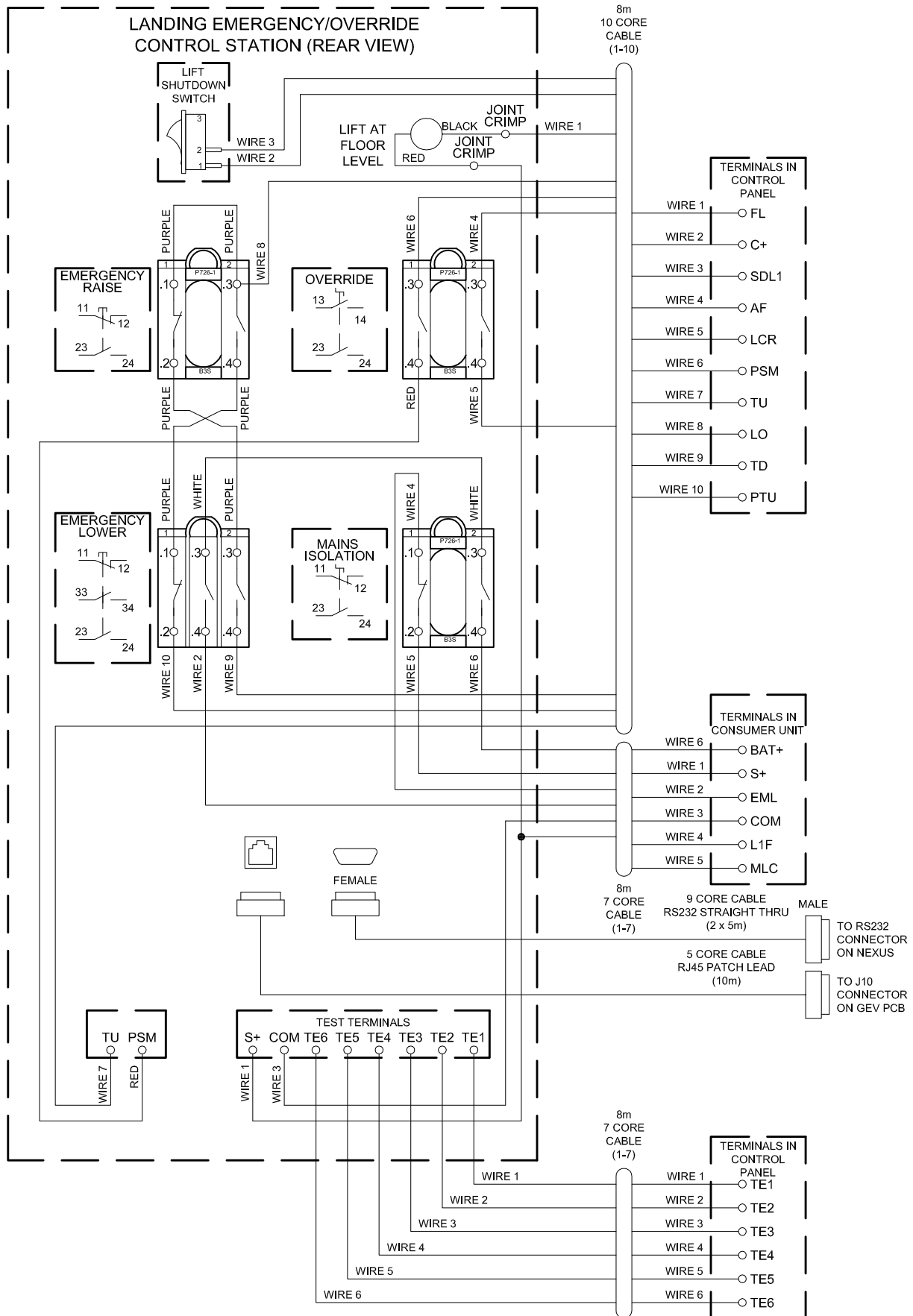
TERMINALS IN CONTROL PANEL

- WIRE 1 — ○ PTS
- WIRE 2 — ○ PS
- WIRE 3 — ○ AF
- WIRE 4 — ○ PTR
- WIRE 5 — ○ PT
- WIRE 6 — ○ TD
- WIRE 7 — ○ PTU



REV D: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10
 REV C: STOP PUSH MOVED TO THE BOTTOM OF THE CONTROL STATION. ECN L3638. 26/01/07 DC.
 REV B: UPDATED TO SHOW ADD-ON BLOCK DETAILS. 09/08/06 SAJ.
 REV A: LENGTH OF CABLE ADDED. 12/08/05 SAJ.

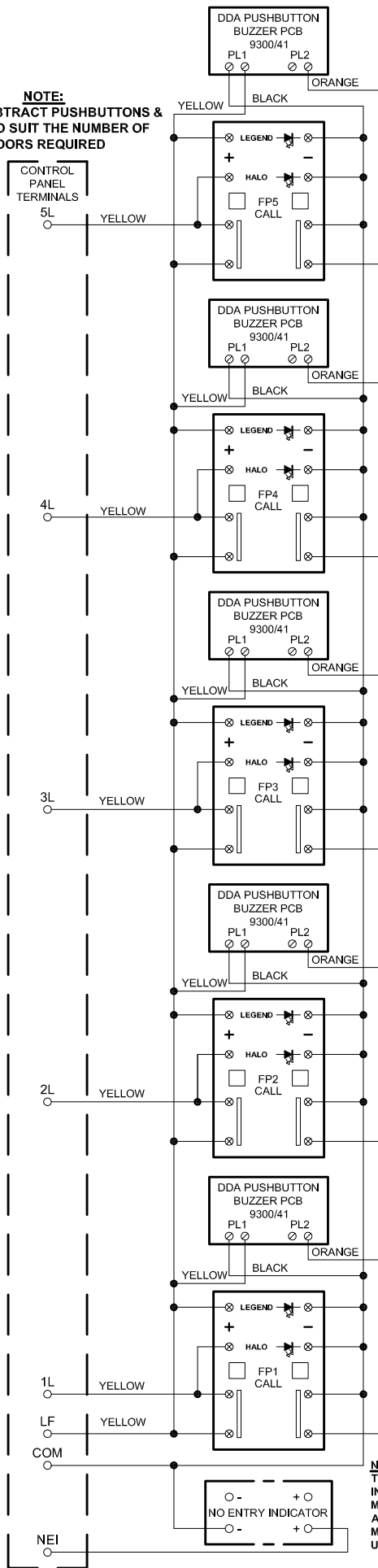
NAME: D. CLARK	DATE: 30/03/05
CHECKED: R. BAUGH	DATE: 15/06/05
MRLi-PIT SHAFT WIRING - PIT CONTROL STATION	
	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/533	REV: D



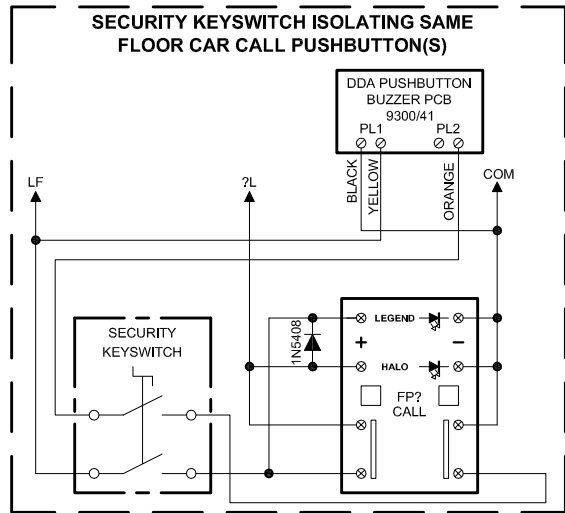
REV I: PAWL DEVICE CIRCUITRY REMOVED. UPDATED FOR A3 COMPLIANCE. EGN 5071. 13/10/11 SAJ.
 REV H: 'TD' RENAMED 'TTD' FOR USE ON NGV. 01/06/11. SAJ.
 REV G: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10. SAJ.
 REV F: 'TE6' TERMINAL CHANGED TO 'PLO' FOR PAWL DEVICE, NEW TERMINAL CONTAINS DIODE. LINK FROM EMERGENCY LOWER PUSHBUTTON TO 'PLO' ADDED. L4265. 07/09/09. JN.
 REV E: BATT+ TERMINAL ADDED. TO POWER EMERGENCY LOWERING DIRECT FROM BATTERY 18/08/09. JN.
 REV D: CABLE LENGTH DETAILS CHANGED TO 8M. INFORMATION ON DATA CABLE LENGTHS ADDED. 17/12/08. GC.
 REV C: 'LINK' TEXT CHANGED TO COLOURS. WIRE DETAIL MOVED TO CONNECTION POINTS & SHUTDOWN SWITCH ROTATION REVERSED. 16/05/07 DC.
 REV B: UPDATED TO SHOW ADD-ON CONTACTOR DETAILS. 15/08/06. SAJ.
 REV A: N/O CONTACT ADDED TO OVERRIDE KEYSWITCH, 'UP' & 'PSM' CABLE CONNECTIONS MOVED TO 10 CORE CABLE, 'TE1-6' CABLE CHANGED FROM 10 CORE TO 7 CORE. 28/09/05 DC.

NAME: D. CLARK	DATE: 09/03/05
CHECKED: R. BAUGH	DATE: 15/06/05
MRLi-PIT SHAFT WIRING - LANDING OVERRIDE STATION	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/532	REV: I

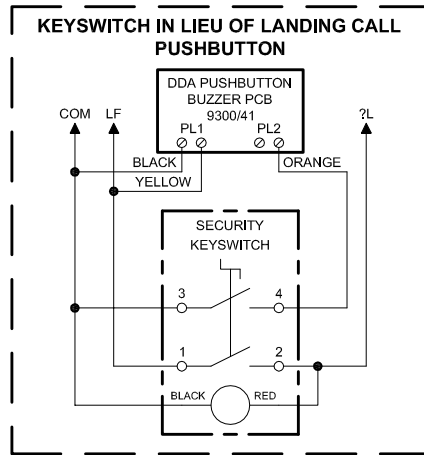
NOTE:
ADD OR SUBTRACT PUSHBUTTONS & WIRING TO SUIT THE NUMBER OF FLOORS REQUIRED



NOTE:
THE 'NO ENTRY' INDICATOR MUST BE MOUNTED IN THE ARCHITRAVE AT THE MAIN EXIT LEVEL(S) - USUALLY 'LEVEL 0'.



NOTE:
'?' DENOTES THE FLOOR POSITION CALL INPUT
e.g. 1L FOR KEYSWITCH TO FP1 CALL INPUT

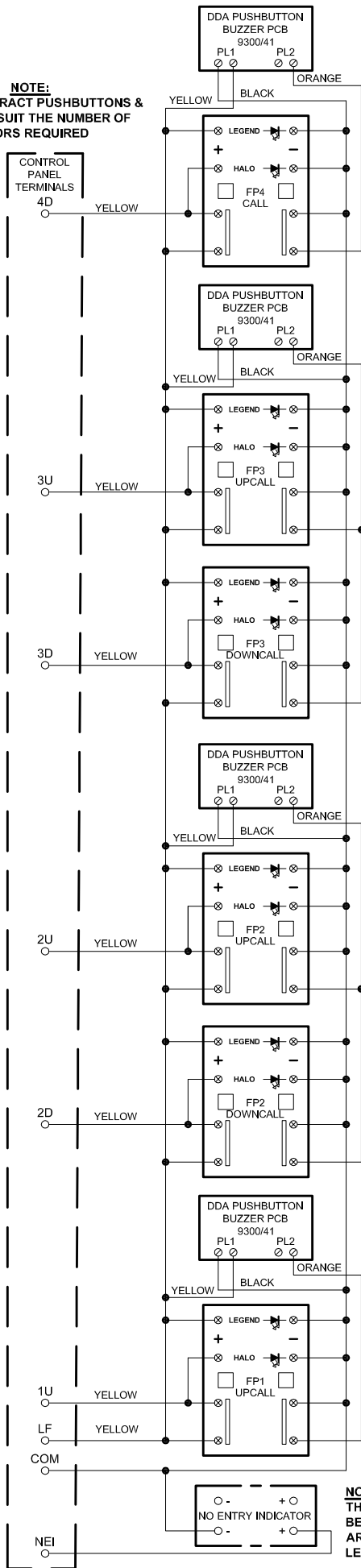


IMPORTANT NOTE:
OPEN THROUGH CAR (TWO ENTRANCES AT ONE FLOOR)
WIRING RUNS TO EACH OF THE LANDINGS MUST NOT BE LINKED ACROSS THE SHAFT.

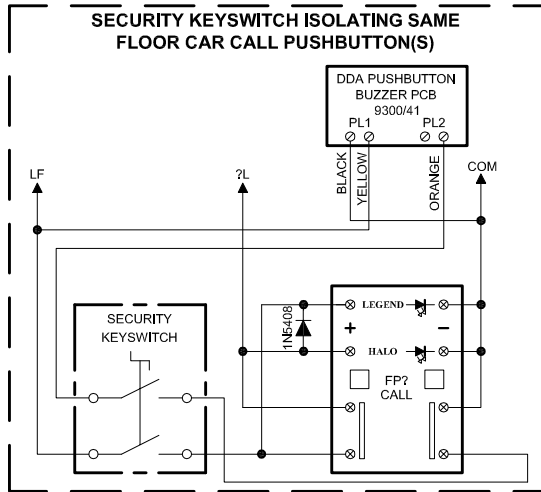
NAME:	D. CLARK	DATE:	05/08/03
CHECKED:	R. BAUGH	DATE:	05/08/03
NEXUS LV SHAFT WIRING - 'M20' PUSHBUTTONS - SBC, HCDC			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
		Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/473			REV: F

REV F: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV E: INTRODUCTION OF M20 PUSH BUTTONS. ECN - L4010 18/05/09 JN.
 REV D: INTRODUCTION OF EN81-73 - 'NO ENTRY' INDICATOR ADDED. ECN:L3628. 16/03/07 DC.
 REV C: 'NEXI' REMOVED FROM TITLE BOX. 15/06/06. SAJ
 REV B: 1N5408 DIODE ADDED TO RETAIN 'DIM' AFTER CALL ACCEPTED. ILLUMINATION ADDED TO SPRING RETURN K/S. 21/09/04 DC.
 REV A: K/S NAME CORRECTED, DDA BUZZER NOW ISOLATED BY SECURITY K/S. 25/02/04 DC.

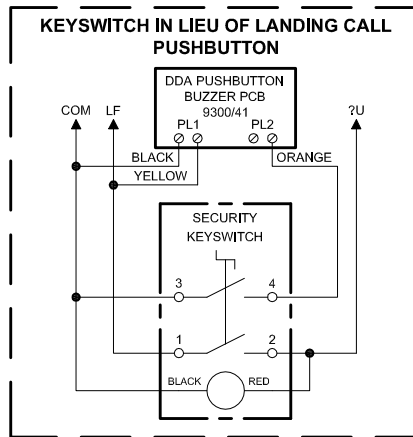
NOTE:
ADD OR SUBTRACT PUSHBUTTONS & WIRING TO SUIT THE NUMBER OF FLOORS REQUIRED



NOTE:
THE 'NO ENTRY' INDICATOR MUST BE MOUNTED IN THE ARCHITRAVE AT THE MAIN EXIT LEVEL(S) - USUALLY 'LEVEL 0'.



NOTE:
'?L' DENOTES THE FLOOR POSITION CALL INPUT
e.g. 1U FOR KEYSWITCH TO FP1 UP CALL INPUT



IMPORTANT NOTE:
OPEN THROUGH CAR (TWO ENTRANCES AT ONE FLOOR)
WIRING RUNS TO EACH OF THE LANDINGS MUST NOT BE LINKED ACROSS THE SHAFT.

REV F: UPDATED FOR NEW LOGO AND TEXT FONT 28/07/10 SAJ.
REV E: INTRODUCTION OF M20 PUSH BUTTONS. ECN - L4010 18/05/09 JN.
REV D: INTRODUCTION OF EN81-73 - 'NO ENTRY' INDICATOR ADDED. ECN:L3628. 16/03/07 DC.
REV C: 'NEXT' REMOVED FROM TITLE BOX. 21/06/06 SAJ.
REV B: 1N5408 DIODE ADDED TO RETAIN 'DIM' AFTER CALL ACCEPTED. ILLUMINATION ADDED TO SPRING RETURN K/S. 21/09/04 DC.
REV A: ORANGE WIRE FROM DDA BUZZER LINKED BETWEEN 'UP' & 'DOWN' PUSHES, K/S NAME CORRECTED, DDA BUZZER NOW ISOLATED VIA SECURITY K/S. 28/11/03 DC.

NAME: D. CLARK	DATE: 05/08/03
CHECKED: R. BAUGH	DATE: 05/08/03

NUXUS LV SHAFT WIRING -
'M20' PUSHBUTTONS - FDC

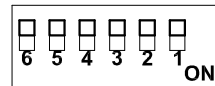
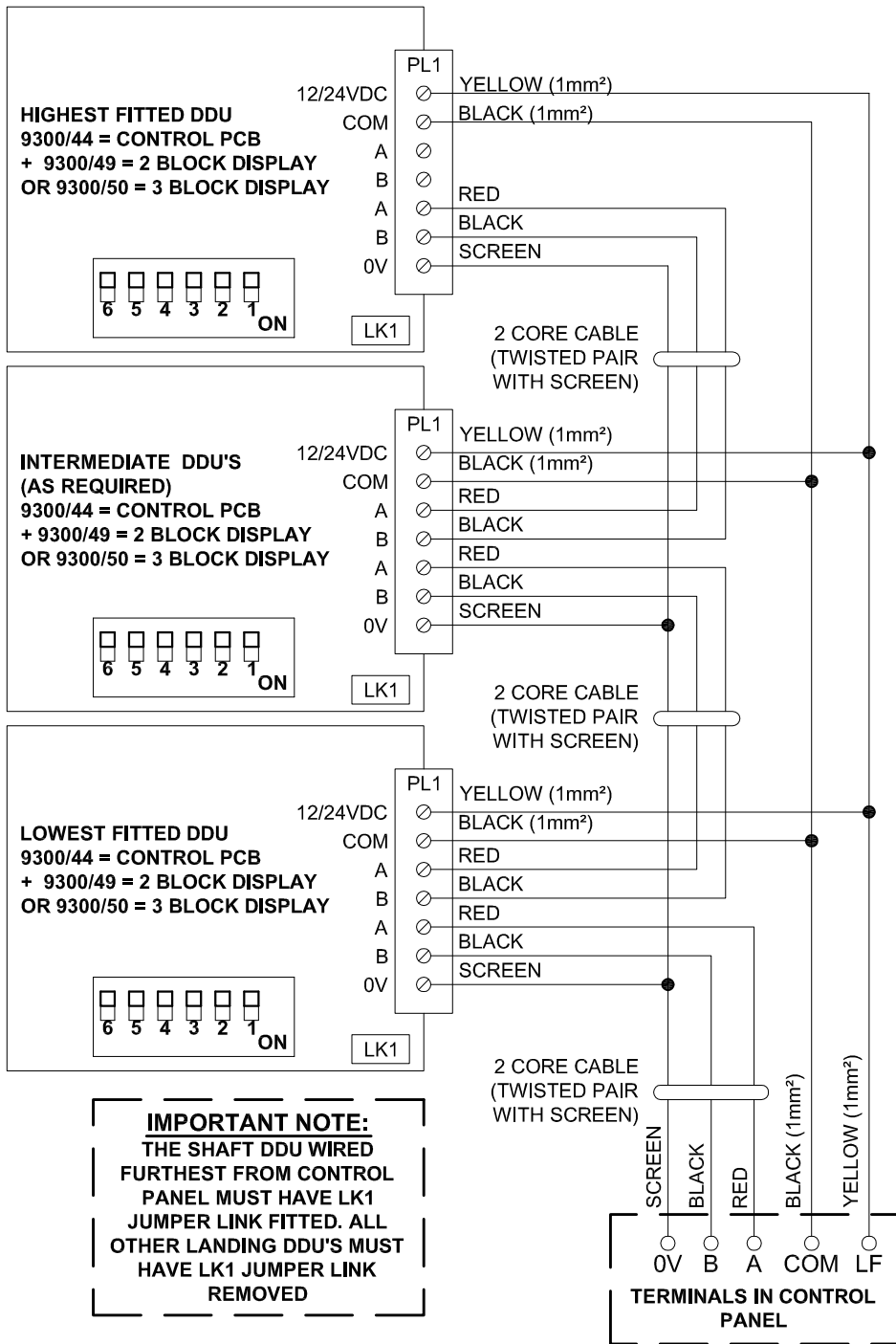
Stannah

HEAD OFFICE:
Anton Mill
Andover Hampshire
SP10 2NX England

Tel: 01264 339090 Fax: 337942

DRAWING NO: 9333/474

REV: F

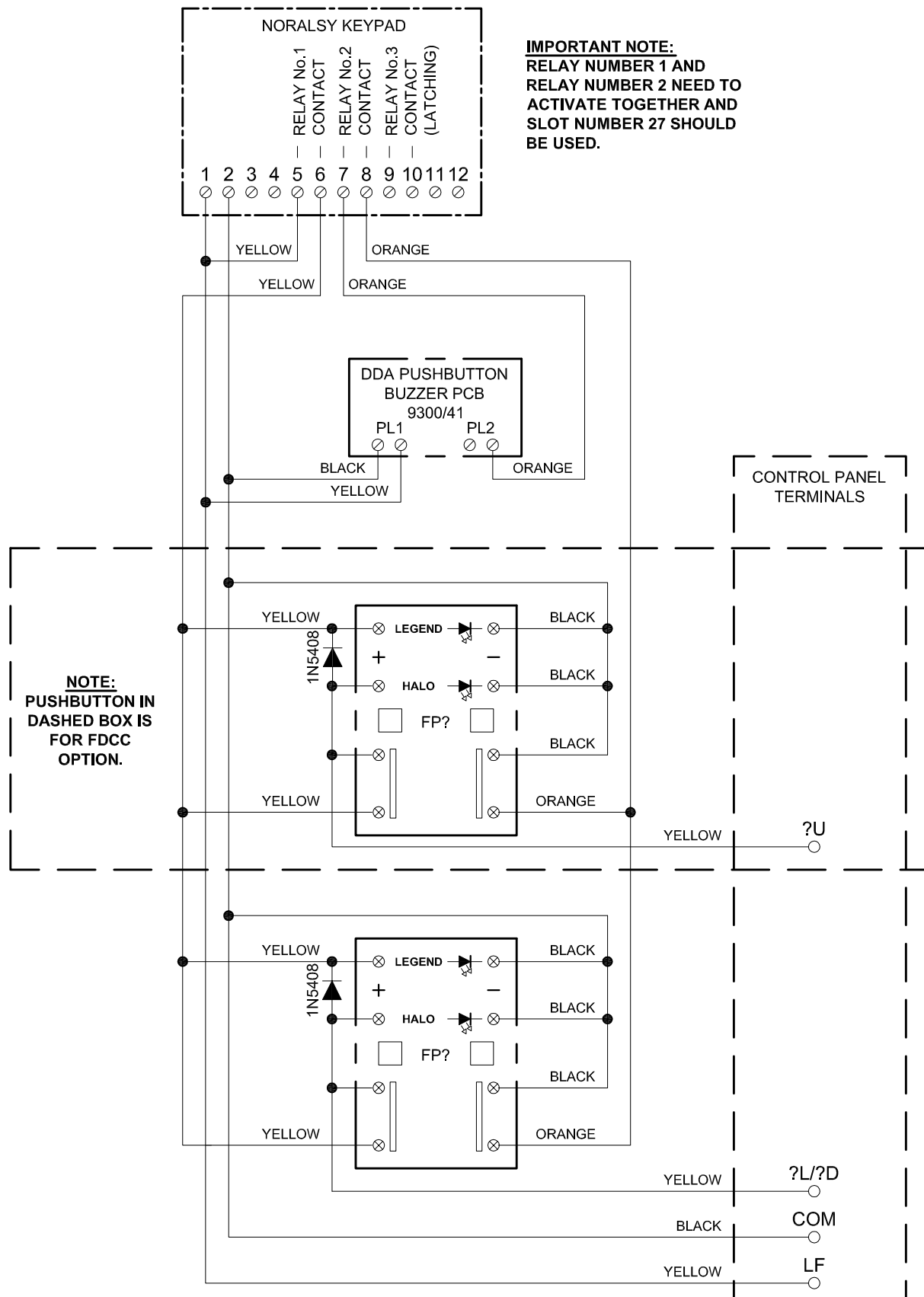


SWITCH SETTING						POSITION OF DISPLAY UNIT
6	5	4	3	2	1	
—	—	—	—	—	ON	FP1
—	—	—	—	ON	—	FP2
—	—	—	—	ON	ON	FP3
—	—	—	ON	—	—	FP4
—	—	—	ON	—	ON	FP5
—	—	—	ON	ON	—	FP6
—	—	—	ON	ON	ON	FP7
—	—	ON	—	—	—	FP8
—	—	ON	—	—	ON	FP9
—	—	ON	—	ON	—	FP10
—	—	ON	—	ON	ON	FP11
ON	ON	ON	ON	ON	ON	2nd ENTRANCE

— = SET TO 'OFF'

THROUGH CAR NOTE:
FOR TWO ENTRANCES WITH DDU'S AT THE SAME FLOOR, THE AUXILIARY ENTRANCE DDU DIP SWITCHES SHOULD BE SET AS '2nd ENTRANCE' SHOWN ABOVE


NAME: S. JACKSON	DATE: 08/06/05
CHECKED: K. CANTILLON	DATE: 27/09/05
NEXUS SHAFT WIRING - STANNAH SERIAL DIGITAL DISPLAY UNITS	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/543	REV: C



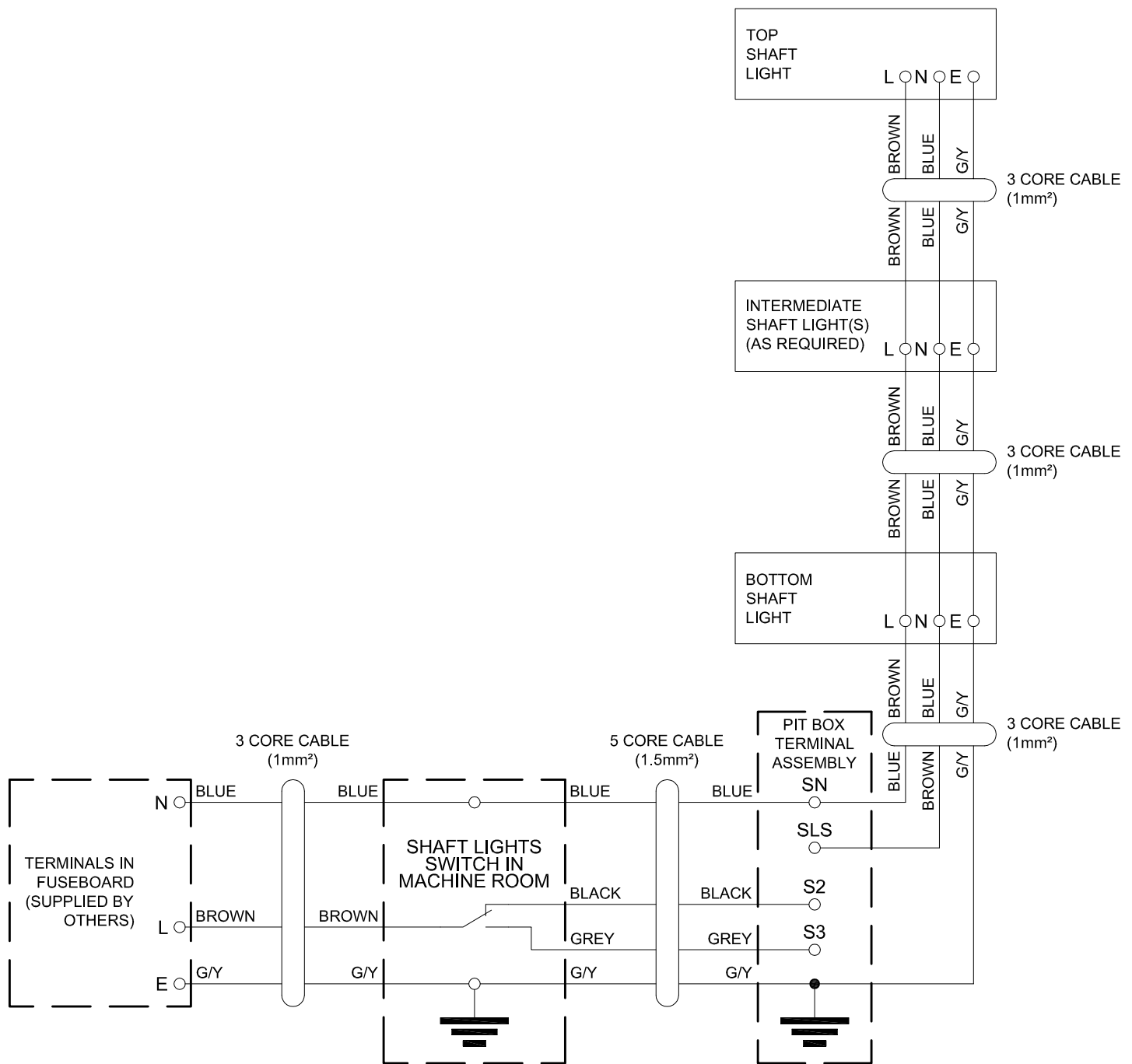
IMPORTANT NOTE:
 RELAY NUMBER 1 AND
 RELAY NUMBER 2 NEED TO
 ACTIVATE TOGETHER AND
 SLOT NUMBER 27 SHOULD
 BE USED.

NOTE:
 PUSHBUTTON IN
 DASHED BOX IS
 FOR FDCC
 OPTION.

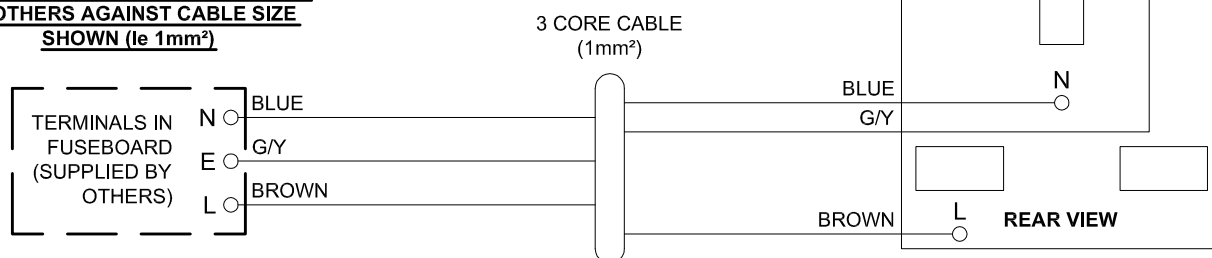
NOTE:
 '?' DENOTES THE FLOOR POSITION CALL TO BE ISOLATED.
 e.g. '2L' FOR KEYPAD ISOLATION OF FP2 CALL INPUT

NAME: D. CLARK	DATE: 02/09/03
CHECKED: R. BAUGH	DATE: 02/09/03
NEXUS SHAFT WIRING - NORALSY KEYPAD ISOLATION	
	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/479	REV: H

REV H: UPDATED FOR NEW LOGO & TEXT FONT. REMOVED RELAY. ECP - 222 12/08/09 SAJ.
 REV G: INTRODUCTION OF M20 PUSH BUTTONS. ECN - L4010 18/05/09 JN.
 REV F: 'SR?' RELAYS CHANGED TO 2 POLE TYPE & 'LKB' CIRCUIT REMOVED. 13/12/06. SAJ.
 REV E: 'NEXI' REMOVED FROM TITLE BOX. 'LKB' NOTE ADDED. UPDATED THE PUSHFEED CIRCUIT 28/07/06 SAJ.
 REV D: 'LKB' TERMINAL ADDED FOR KEYPAD BYPASS. 08/03/06 DC.
 REV C: CIRCUITRY ADDED FOR ISOLATION OF MORE THAN ONE PUSHBUTTON. 29/09/05 DC.
 REV B: 1N5408 DIODE ADDED TO RETAIN 'DIM' AFTER CALL ACCEPTED. 06/09/04 DC.
 REV A: DDA BUZZER NOW SWITCHED VIA RELAY THROUGH KEYPAD. 26/02/04 DC.

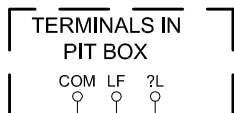


CHECK FUSE RATINGS CALLED FOR BY OTHERS AGAINST CABLE SIZE SHOWN (ie 1mm²)

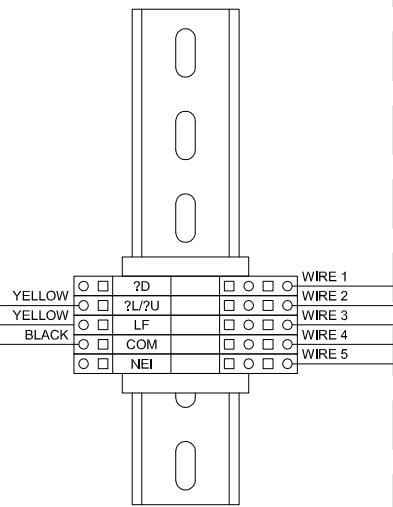


NAME: D. CLARK	DATE: 11/03/04
CHECKED: R. BAUGH	DATE: 11/03/04
nonMRLi SHAFT WIRING - SHAFT LIGHTING & POWER SOCKET BY STANNAH (NON - MRC)	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/496	REV: E

REV E: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV D: PIT SOCKET AND CONNECTIONS UPDATED. 19/06/07 SAJ.
 REV C: TERMINALS 'N' & 'SL' IN PIT BOX RENAMED 'SN' & 'SLS'. 12/01/07 DC.
 REV B: 'NEXI' REMOVED FROM TITLE BOX. 15/06/06. SAJ
 REV A: SINGLE CORE WIRING CHANGED TO MULTICORE CABLES. 06/07/04 DC.



COMPONENTS IN SLAM SIDE ARCHITRAVE



SPACE FOR KEYSWITCH OPTION

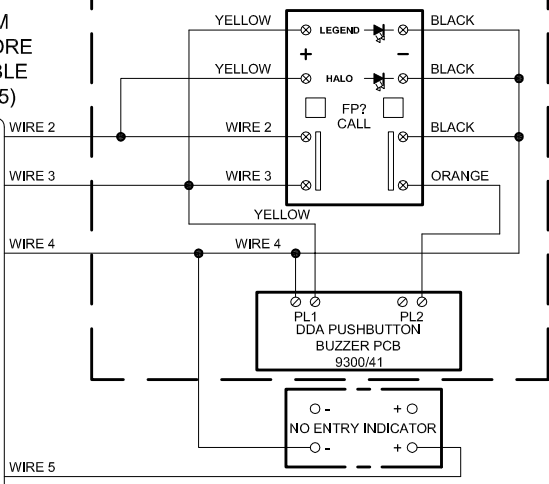
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BLANK

SPACE FOR EN81-73 OPTION

PUSHBUTTON IN BUNCHSIDE ARCHITRAVE

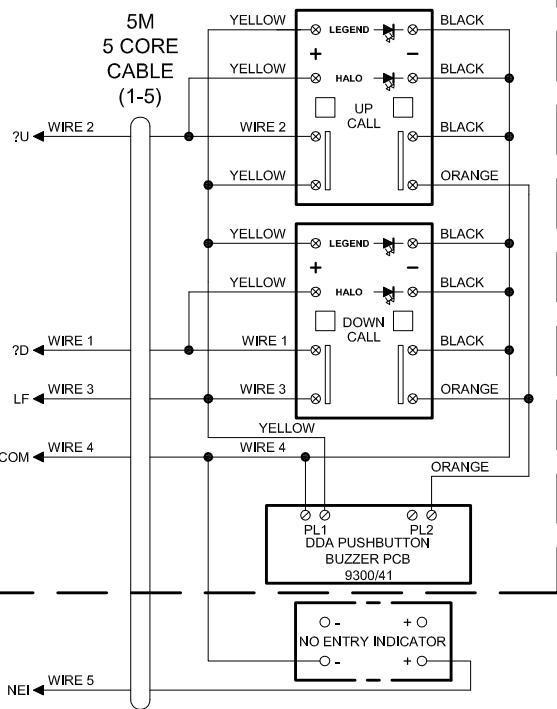
5M 5 CORE CABLE (1-5)



NOTE:
THE 'NO ENTRY' INDICATOR MUST BE MOUNTED IN THE ARCHITRAVE AT THE MAIN EXIT LEVEL(S) - USUALLY 'LEVEL 0'.

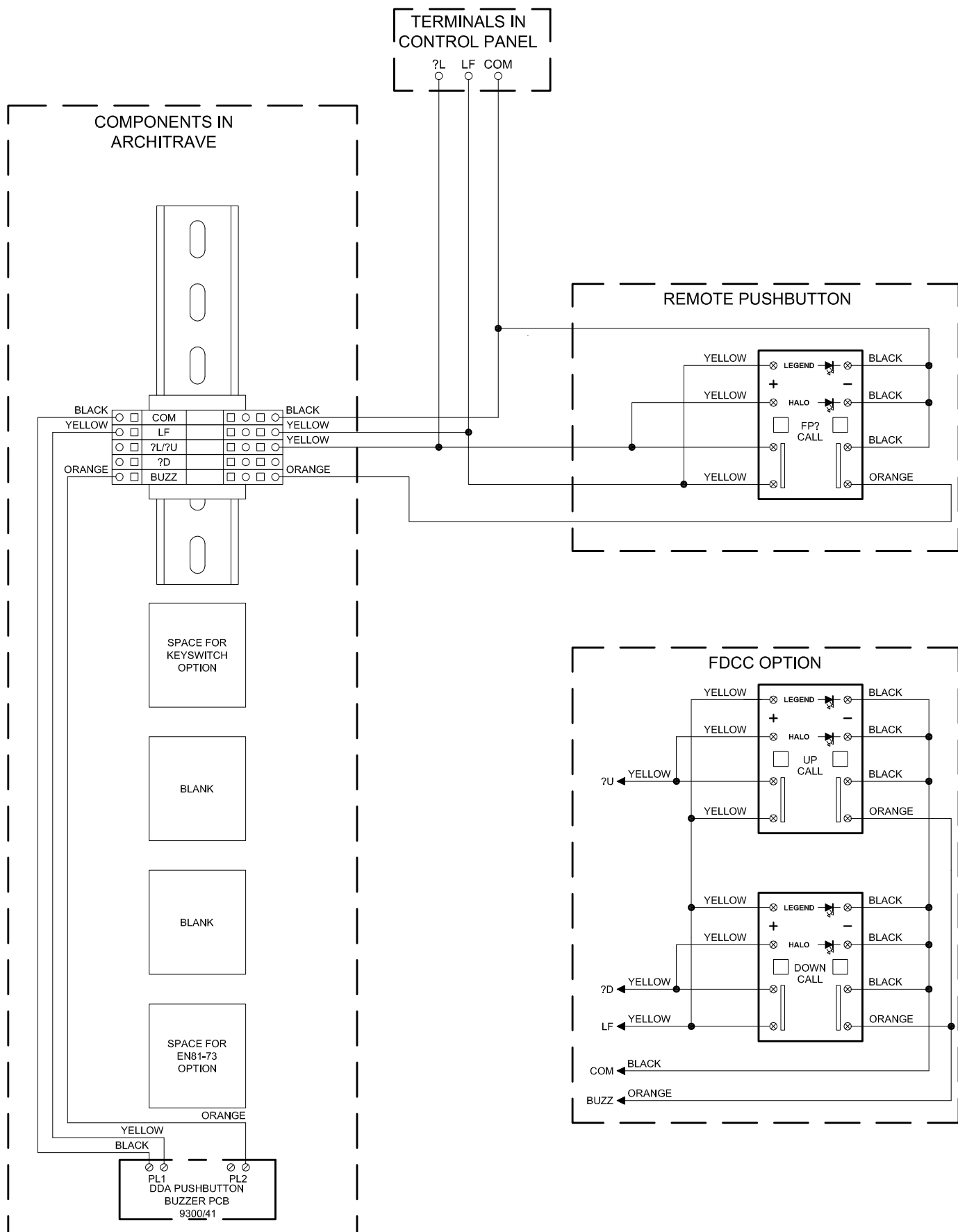
FDCC OPTION

5M 5 CORE CABLE (1-5)



NOTE:
THE 'NO ENTRY' INDICATOR MUST BE MOUNTED IN THE ARCHITRAVE AT THE MAIN EXIT LEVEL(S) - USUALLY 'LEVEL 0'.

NAME: S. JACKSON	DATE: 21/03/11
CHECKED: G. COOPER	DATE: 21/03/11
NEXUS LV SHAFT WIRING - ARCHITRAVE CONNECTION DETAILS FOR BUNCH SIDE PUSHBUTTONS	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/784	REV:



NAME:	S. JACKSON	DATE:	20/08/08
CHECKED:	G. COOPER	DATE:	20/08/08

**NEXUS LV SHAFT WIRING -
ARCHITRAVE CONNECTION DETAILS
FOR REMOTE PUSHBUTTONS**

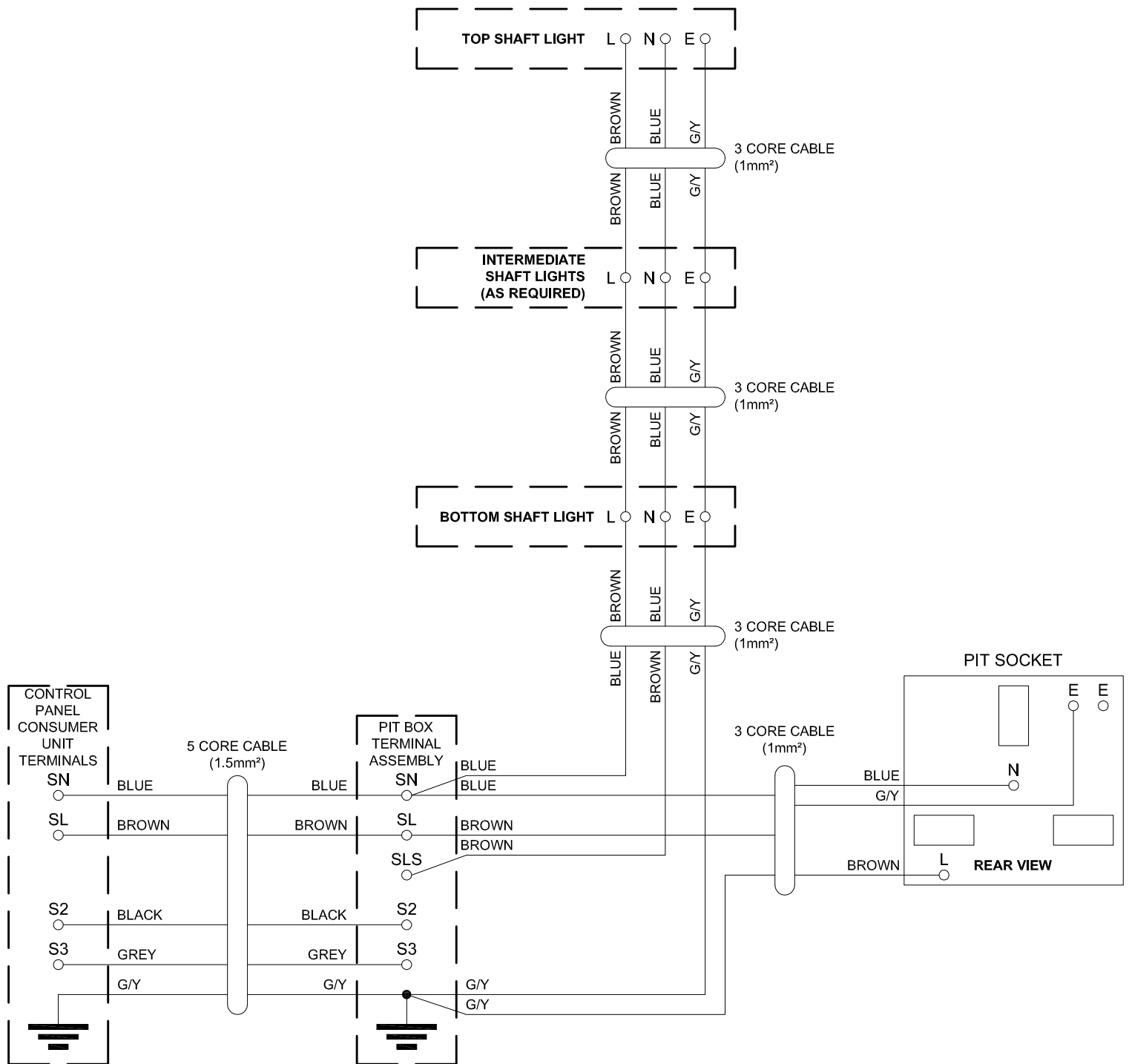
Stannah

HEAD OFFICE:
Anton Mill
Andover Hampshire
SP10 2NX England

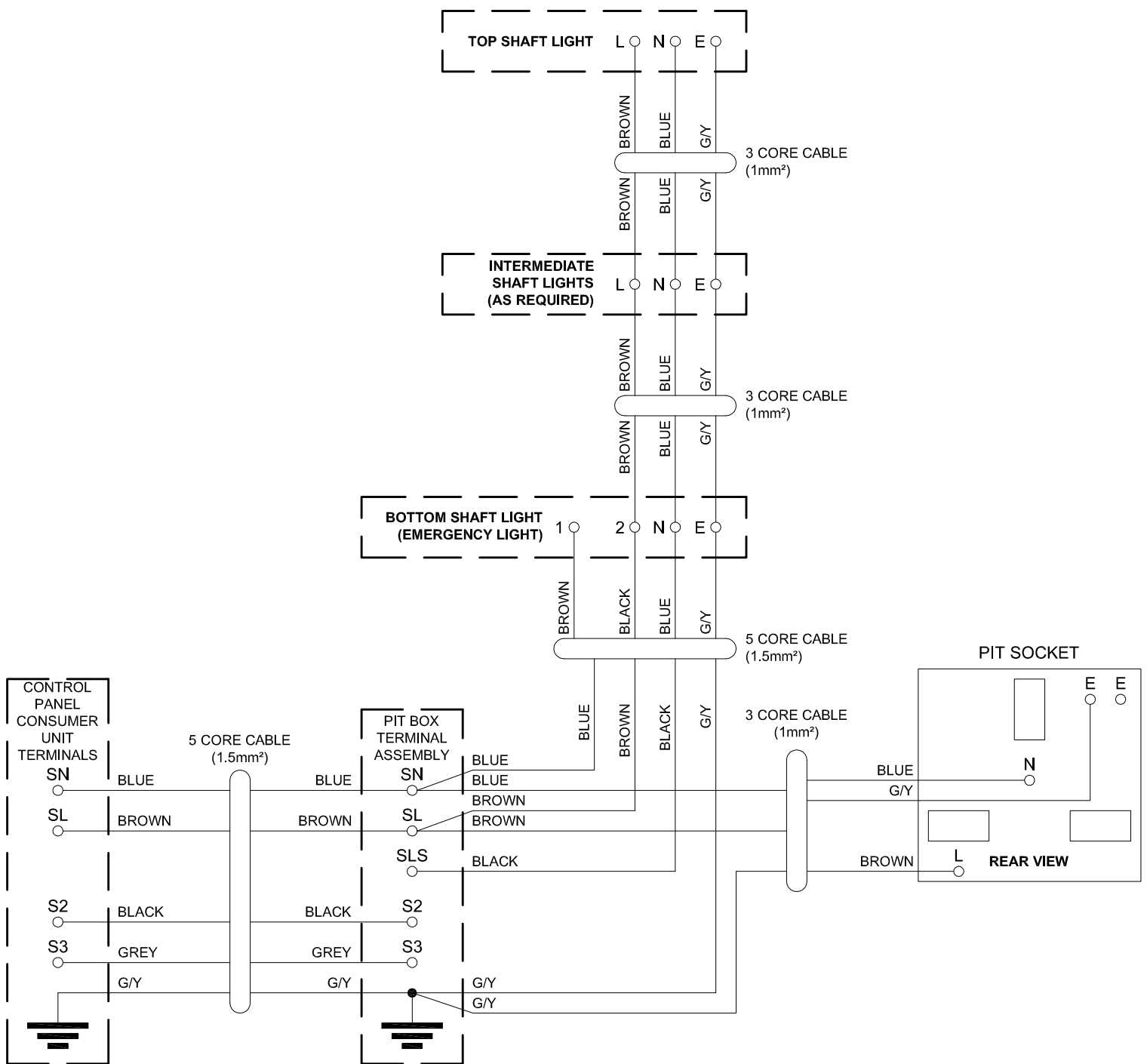
Tel: 01264 339090 Fax: 337942

REV B: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
REV A: INTRODUCTION OF M20 PUSH BUTTONS. ECN - L4010 28/05/09 JN.

DRAWING NO:	9333/707	REV:	B
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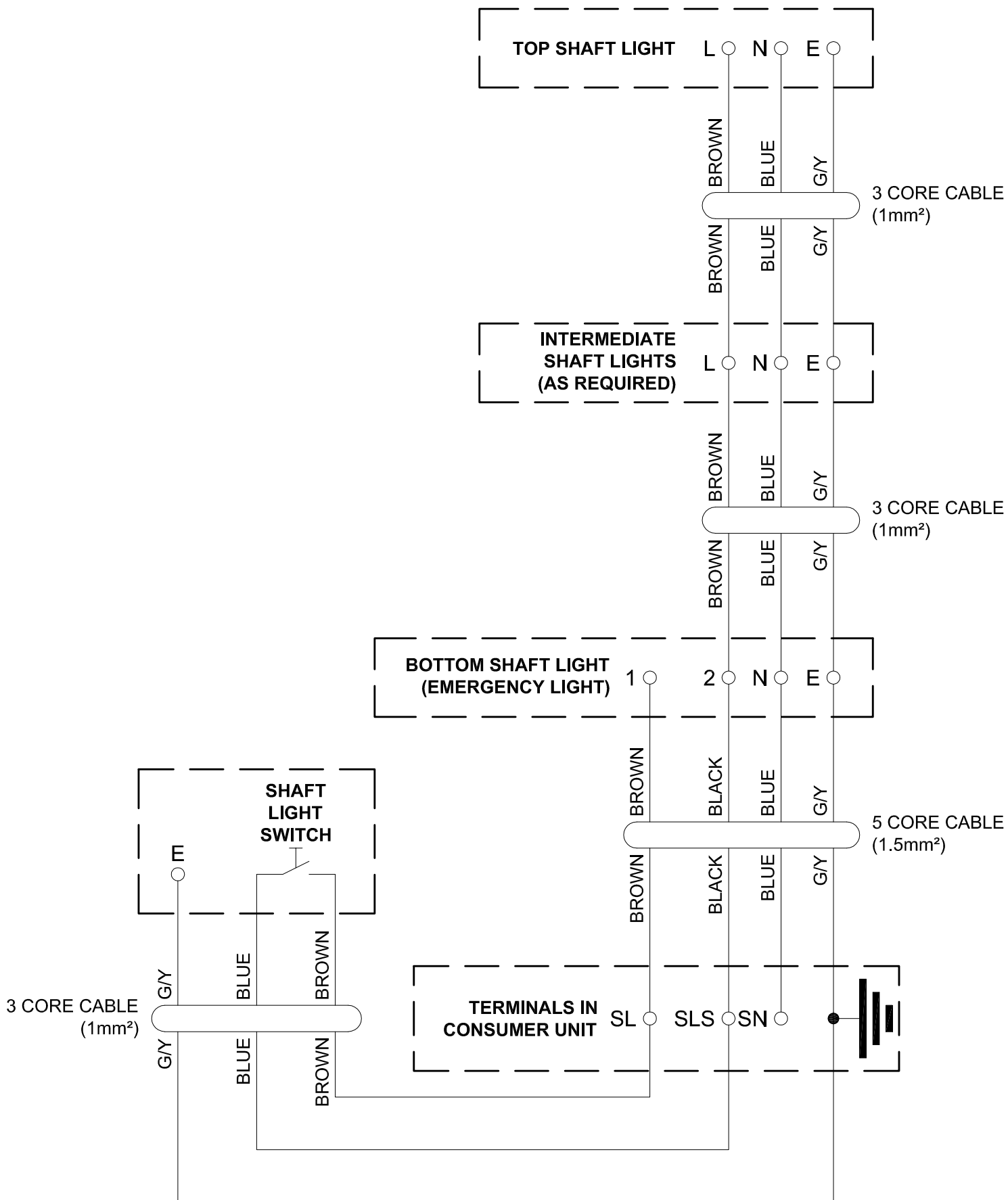


NAME:	S. JACKSON	DATE:	19/06/07
CHECKED:	D. CLARK	DATE:	19/06/07
MRC - SHAFT WIRING SHAFT LIGHTING & POWER SOCKET			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/660			REV: A



REV B: UPDATED FOR NEW LOGO AND FONT TEXT. 28/07/10. SAJ
 REV A: PIT SOCKET ADDED. 19/06/07. SAJ

NAME: D. CLARK	DATE: 12/01/07
CHECKED: R. BAUGH	DATE: 12/01/07
MRLi-nonPIT - SHAFT WIRING SHAFT LIGHTING & POWER SOCKET	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/639	REV: B



NAME:	S. JACKSON	DATE:	31/05/05
CHECKED:	D. CLARK	DATE:	31/05/05

MRLi-PIT - SHAFT WIRING
SHAFT LIGHTING

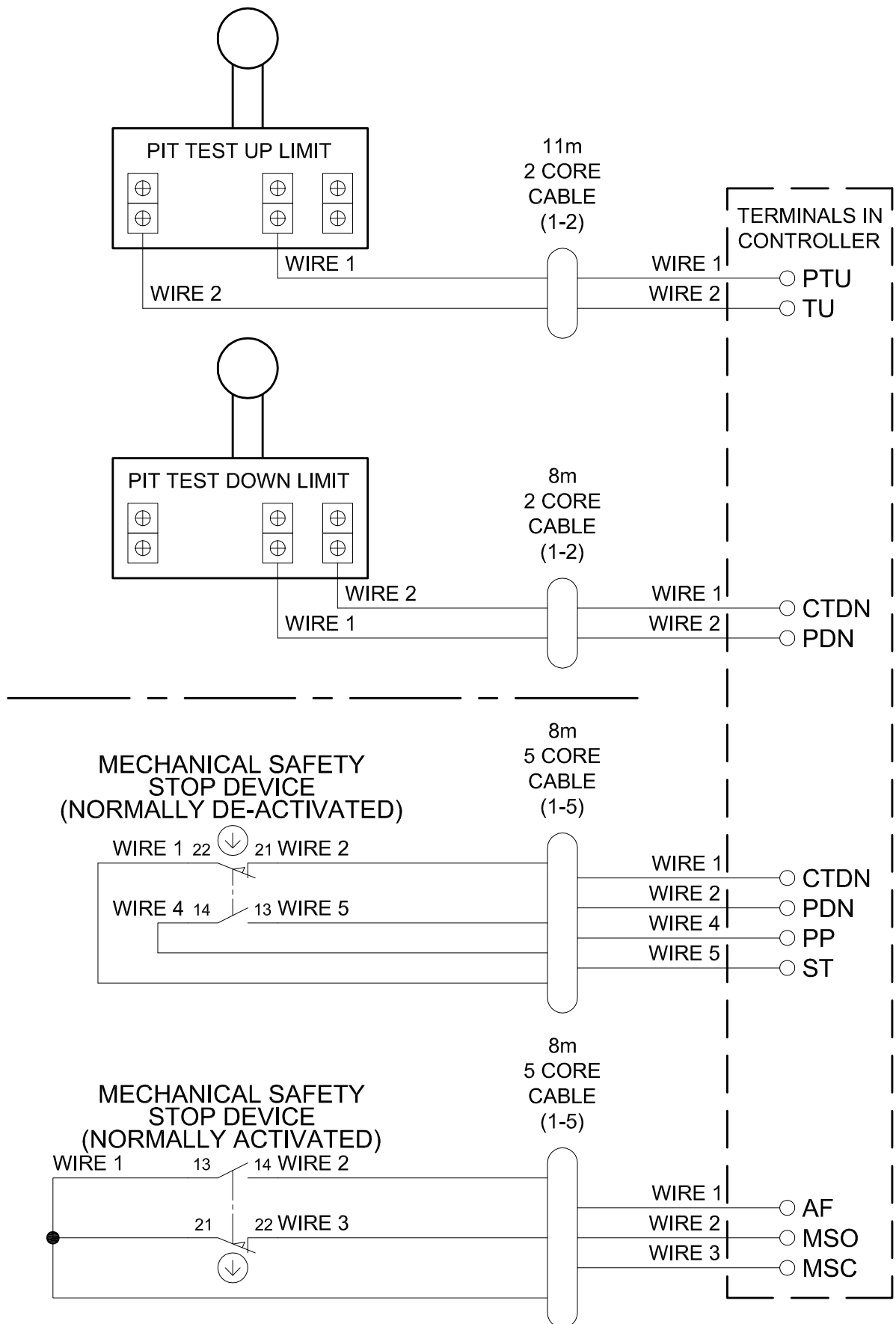
Stannah

HEAD OFFICE:
Anton Mill
Andover Hampshire
SP10 2NX England

Tel: 01264 339090 Fax: 337942

DRAWING NO: 9333/541

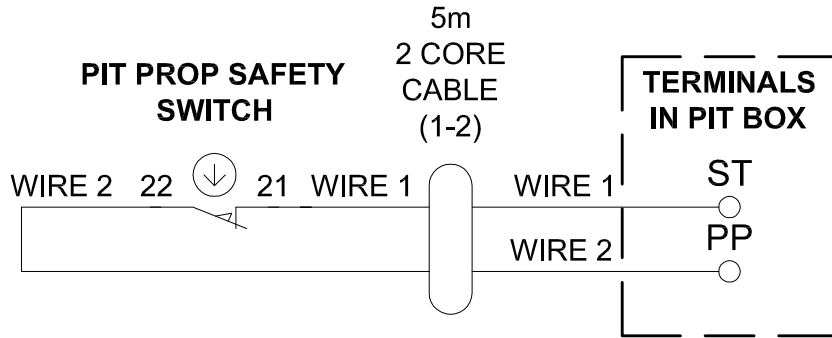
REV: A



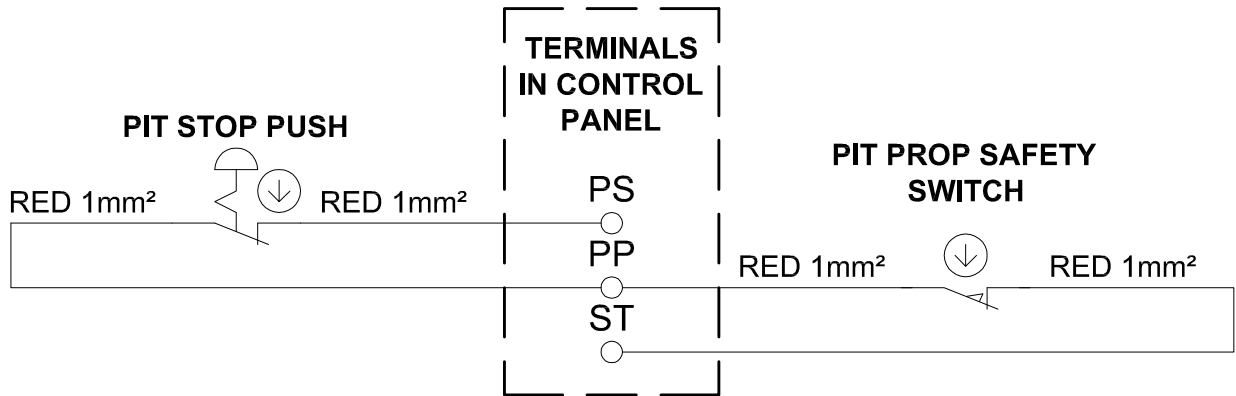
NAME:	D. CLARK	DATE:	26/05/05
CHECKED:	R. BAUGH	DATE:	26/05/05
MRLi-PIT SHAFT WIRING - PIT TEST LIMIT SWITCHES & MECHANICAL SAFETY STOP DEVICE			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/531			REV: D

REV D: UPDATED FOR A3 COMPLIANCE. ECN 5071.13/10/11 SAJ.
 REV C: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV B: ROLLER ARM SHOWN ON PIT TEST UP & DOWN LIMIT, CONTACT NUMBERS ADDED TO MECHANICAL SAFETY STOP DEVICE. 28/09/05 DC.
 REV A: MECHANICAL SAFETY STOP DEVICE (NORMALLY DEACTIVATED) CABLE CHANGED TO 5 CORE CABLE TO BYPASS PIT PROP SAFETY SWITCH. 27/06/05 DC.

non-MRLi & MRLi-nonPIT PIT PROP SAFETY SWITCH CONNECTION DETAILS



MRLi PIT PIT PROP SAFETY SWITCH CONNECTION DETAILS



NAME: S. JACKSON	DATE: 29/01/08
CHECKED: D. CLARK	DATE: 29/01/08
nonMRLi & MRLi-nonPIT SHAFT WIRING - PIT PROP SAFETY SWITCH & PIT STOP SWITCH	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/686	REV: A

	<u>T1</u>	<u>T2</u>	<u>T3</u>	<u>T4</u>	<u>T5</u>
1	AD1	C+	SPARE	7C	A - RED
2	AD2	ACR	CDL	8C	B - BLACK
3	AD3	UPR	CDR	9C	0V - SCREEN
4	AD4	DPR	ODR	10C	
5	SPARE	DTL	SPARE	11C	
6	SPARE	UPS	TR	21A	
7	SPARE	DPS	TU	23A	
8	SPARE	RSD	TD	25A	
9	SPARE	RSU	UP	SPARE	
10	SPARE	ULR	DN	SPARE	
11	SPARE	CF	COM	SPARE	
12	SPARE	ICF	ST	SPARE	
13	S+	1C	SPARE	SPARE	
G/Y	EARTH	EARTH	EARTH	EARTH	
14	FL	2C	AF	SEA	
15	ALA	3C	EARTH	DOPA	
16	SP+	4C	G1	CDLA	
17	SP-	5C	L	CDRA	
18	BC	GCR	N	ODRA	
19	VM+	DOP	D1	MN	
20	6C	SE	D2	DG1A	
21	21	AU	D3	D1A	
22	23	AD	DG1	D2A	
23	25	CLR	MN	D3A	

(SEE NOTE)

CAR TOP BOX LINK TERMINALS:

LKC, LK2, LKT, LT+, LKO, LKS1, LKN, LKU, LKM, LKOA, LK1, LK5, LKCA

CABLE REQUIREMENTS:

ALL LIFTS REQUIRE T1, T2, T3

ABOVE 6 FLOORS - T4
 THROUGH CAR - T4
 AUTODIALLER/INTERCOM - T1
 STANNAH DDU - T5 (2 Core Twisted Pair & Screened)

MEMCOM (SEE NOTE) 12VDC JUMPER

AD1	AD2	AD3	AD4	S+	S+	FL	ALA	SP+	SP-	BC	VM+	21	23	25	21A	23A	25A	0V	A	B
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NOTE :- FOR WINDCREST ADD TERMINALS AD5 TO AD12 ON TRAILER 1.

24VDC (UNSMOOTHED) JUMPER JUMPERS

C+	C+	ACR	UPR	DPR	DTL	UPS	DPS	RSD	RSU	ULR	COM	COM	COM	COM	CF	ICF	1C	2C	3C	4C	5C	6C	GCR	DOP	SE	LKSE	SEA	LKSEA	DOPA	AU	AD	CLR
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24VDC (SMOOTHED)

110VAC

110VAC SAFETY CIRCUIT

HIGH VOLTAGE

LKC	LKN	CDL	CDR	LKO	ODR	LKT	LKCA	CDLA	CDRA	LKOA	ODRA	TR	LKU	TU	TD	UP	DN	ST	LK1	LKM	LK2	AF	AF	AF	LK5	G1	L	L	N	N	LKS1	LKS1	D1	D2	D3	DG1	MN	MN	DG1A	D1A	D2A	D3A
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REV L: NOTE ADDED FOR WINCREST TERMINALS AD5 TO AD12. 16/01/12 GC.ECNL5148
 REV K: FERMATOR DOORGEAR TERMINALS '21', '23' & '25' ADDED & REMOVED TERMINALS AD5-AD12. ECN 5066. 10/08/11 SAJ.
 REV J: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV I: ADDITIONAL 'LKS1' TERMINAL ADDED. 02/06/09 JN.
 REV H: TERMINALS 'BC' & 'VM+' ADDED FOR NEW BATTERY CHARGER. 01/04/09 SAJ.
 REV G: SAFETY EDGE NOW FED FROM 'CF' INSTEAD OF 'C+' - TERMINALS 'SE', 'LKSE', 'SEA' & 'LKSEA' MOVED. 19/03/07 DC.
 REV F: TERMINALS 'LT+' & 'OLV' REMOVED. TERMINAL ORDER CHANGED TO MATCH CONTROL PANEL & TRAILING CABLE ORDER CHANGED TO WIRE IN SEQUENCE. 15/08/06 DC.
 REV E: TERMINAL 'AD13' REMOVED, T5 CHANGED TO TWISTED PAIR FOR DDU. 28/09/05 DC.
 REV D: TERMINALS 'FP1-FP6', 'RU' & 'RD' REMOVED. 'A', 'B' '0V' & '1CF' ADDED. 10/08/05 SAJ.
 REV C: UPDATED FOR 24 WAY CABLE. 21/01/04 DC
 REV B: 24VDC TERMINALS SEPERATED FOR 'SMOOTHED' & 'UNSMOOTHED'. 24/03/04 DC
 REV A: UPDATED FOR 'LV' SYSTEM. 06/08/03 DC

NAME: D. CLARK	DATE: 02/09/02
CHECKED: R. BAUGH	DATE: 02/09/02
nonMRLi - TRAILING CABLE CONNECTIONS & CAR TOP BOX TERMINAL LAYOUT	
	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/416	REV: L

	<u>T1</u>	<u>T2</u>	<u>T3</u>	<u>T4</u>	<u>T5</u>
1	AD1	C+	LKN	6C	A - RED
2	AD2	ACR	CDL	7C	B - BLACK
3	AD3	UPR	CDR	8C	0V - SCREEN
4	AD4	DPR	ODR	9C	
5	SPARE	DTL	LKT	10C	
6	SPARE	UPS	CTR	21A	
7	SPARE	DPS	TU	23A	
8	SPARE	RSD	TD	25A	
9	SPARE	RSU	SPARE	SPARE	
10	SPARE	ULR	SPARE	SPARE	
11	SPARE	CF	COM	SPARE	
12	SPARE	ICF	TEST	SPARE	
13	S+	1C	ST	SPARE	
G/Y	EARTH	EARTH	EARTH	EARTH	
14	FL	2C	AF	SEA	
15	ALA	3C	EARTH	DOPA	
16	SP+	4C	G1	CDLA	
17	SP-	5C	L	CDRA	
18	SPARE	GCR	N	ODRA	
19	SPARE	DOP	D1	MN	
20	SPARE	SE	D2	DG1A	
21	21	AU	D3	D1A	
22	23	AD	DG1	D2A	
23	25	CLR	MN	D3A	

(SEE NOTE)

CAR TOP BOX LINK TERMINALS:

LKC, LK2, LKO, LKS1, LKU, LKM, LKOA, LK1, LK5, LKCA

CABLE REQUIREMENTS:

ALL LIFTS REQUIRE T1, T2, T3

THROUGH CAR - T4
 ABOVE 5 FLOORS - T4
 AUTODIALLER/INTERCOM - T1
 STANNAH DDU - T5 (2 Core Twisted Pair & Screened)

MEMCOM 12VDC
 (SEE NOTE) JUMPER

AD1	AD2	AD3	AD4	S+	S+	FL	ALA	SP+	SP-	21	23	25	21A	23A	25A	0V	A	B
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NOTE:- FOR WINDCREST ADD TERMINALS AD5 TO AD12 ON TRAILER 1

JUMPER 24VDC (UNSMOOTHED)

24VDC (SMOOTHED)

C+	C+	ACR	UPR	DPR	DTL	UPS	DPS	RSD	RSU	ULR	COM	COM	COM	COM	CF	ICF	1C	2C	3C	4C	5C	6C	GCR	DOP	SE	LKSE	SEA	LKSEA	DOPA	AU	AD	CLR
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110VAC

110VAC SAFETY CIRCUIT

HIGH VOLTAGE

LKC	LKN	CDL	CDR	LKO	ODR	LKT	LKCA	CDLA	CDRA	LKOA	ODRA	CTR	LKU	TU	TD	TEST	ST	LK1	LKM	LK2	AF	AF	LK5	G1	L	L	N	N	LKS1	LKS1	D1	D2	D3	DG1	MN	MN	DG1A	D1A	D2A	D3A
-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	-----	-----	----	----	------	----	-----	-----	-----	----	----	-----	----	---	---	---	---	------	------	----	----	----	-----	----	----	------	-----	-----	-----

REV K: NOTE ADDED FOR WINDCREST TERMINALS AD5 TO AD12. 16/01/12. GC ECNL5148
 REV J: PAWL DEVICE & ENCODER TERMINALS REMOVED. FERMATOR DOORGEAR TERMINALS '9', '12' & '25' ADDED. ECN 5066 10/08/11. SAJ
 REV I: TERMINALS 'TU' & 'TD' CHANGED TO 'TTU' & 'TTD' FOR NGV VALVE. 14/09/10. SAJ
 REV H: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV G: 'DSR' TERMINAL ADDED. 08/10/09 SAJ.
 REV F: 'ODR2', 'ODRA2', 'PDA' & 'PDR' TERMINALS ADDED FOR PAWL DEVICE. 'TEST' TERMINAL ADDED. 'UPS' & 'DPS' TRAILER CONNECTIONS MOVED TO T4. 30/07/09 SAJ.
 REV E: ADDITIONAL 'LKS1' TERMINAL ADDED. 02/06/09 JN.
 REV D: SAFETY EDGE NOW FED FROM 'CF' INSTEAD OF 'C+' - TERMINALS 'SE', 'LKSE', 'SEA' & 'LKSEA' MOVED. 19/03/07 DC.
 REV C: TERMINAL 'OLW' REMOVED, TERMINAL ORDER CHANGED TO MATCH CONTROL PANEL & TRAILING CABLE ORDER CHANGED TO WIRE IN SEQUENCE. 15/08/06 DC.
 REV B: TERMINAL 'AD13' REMOVED, T5 TRAILER CHANGED TO TWISTED PAIR FOR DDU. 28/09 /05 DC.
 REV A: TERMINALS 'FP1-FP6', 'RU' & 'RD' REMOVED. 'A', 'B', '0V' & 'ICF' ADDED. 12/08 /05 SAJ.

NAME: D. CLARK	DATE: 17/06/05
CHECKED: R. BAUGH	DATE: 17/06/05
MRLI-PIT - NEXUS TRAILING CABLE CONNECTIONS & CAR TOP BOX TERMINAL LAYOUT	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/537	REV: K

	<u>T1</u>	<u>T2</u>	<u>T3</u>	<u>T4</u>	<u>T5</u>
1	AD1	C+	SPARE	6C	A - RED
2	AD2	ACR	CDL	7C	B - BLACK
3	AD3	UPR	CDR	8C	0V - SCREEN
4	AD4	DPR	ODR	9C	
5	SPARE	DTL	SPARE	10C	
6	SPARE	UPS	TR	21A	
7	SPARE	DPS	TU	23A	
8	SPARE	RSD	TD	25A	
9	SPARE	RSU	SPARE	SPARE	
10	SPARE	ULR	SPARE	SPARE	
11	SPARE	CF	COM	SPARE	
12	SPARE	ICF	TEST	SPARE	
13	S+	1C	ST	SPARE	
G/Y	EARTH	EARTH	EARTH	EARTH	
14	FL	2C	AF	SEA	
15	ALA	3C	EARTH	DOPA	
16	SP+	4C	G1	CDLA	
17	SP-	5C	L	CDRA	
18	SPARE	GCR	N	ODRA	
19	SPARE	DOP	D1	MN	
20	SPARE	SE	D2	DG1A	
21	21	AU	D3	D1A	
22	23	AD	DG1	D2A	
23	25	CLR	MN	D3A	

(SEE NOTE)

CAR TOP BOX LINK TERMINALS:

LKC, LK2, LKT, LT+, LKO, LKS1, LKN, LKU, LKM, LKOA, LK1, LK5, LKCA

CABLE REQUIREMENTS:

ALL LIFTS REQUIRE T1, T2, T3

THROUGH CAR - T4
 ABOVE 5 FLOORS - T4
 AUTODIALLER/INTERCOM - T1
 STANNAH DDU - T5 (2 Core Twisted Pair & Screened)

MEMCOM (SEE NOTE) 12VDC JUMPER

AD1	AD2	AD3	AD4	S+	S+	FL	ALA	SP+	SP-	21	23	25	21A	23A	25A	0V	A	B
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NOTE :- IF WINDCREST THEN ADD TERMINALS AD5 TO AD12 TO TRAILER 1

JUMPER 24VDC (UNSMOOTHED) JUMPERS 24VDC (SMOOTHED)

C+	C+	ACR	UPR	DPR	DTL	UPS	DPS	RSD	RSU	ULR	COM	COM	COM	COM	CF	ICF	1C	2C	3C	4C	5C	6C	GCR	DOP	SE	LKSE	DOPA	SEA	LKSEA	AU	AD	CLR
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110VAC

110VAC SAFETY CIRCUIT

HIGH VOLTAGE

LKC	LKN	CDL	CDR	LKO	ODR	LKT	LKCA	CDLA	CDRA	LKOA	ODRA	TR	LKU	TU	TD	TEST	ST	LK1	LKM	LK2	AF	AF	AF	LK5	G1	L	L	N	N	LKS1	LKS1	D1	D2	D3	DG1	MN	MN	DG1A	D1A	D2A	D3A
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NAME: S. JACKSON DATE: 07/12/06
 CHECKED: D. CLARK DATE: 07/12/06

MRLi-nonPIT NEXUS - TRAILING CABLE CONNECTIONS & CAR TOP BOX TERMINAL LAYOUT



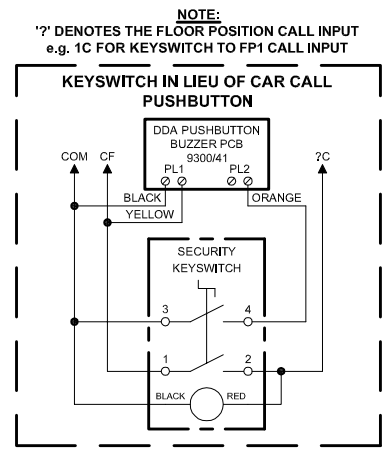
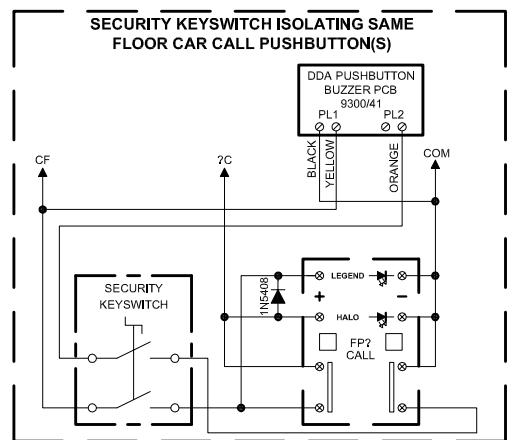
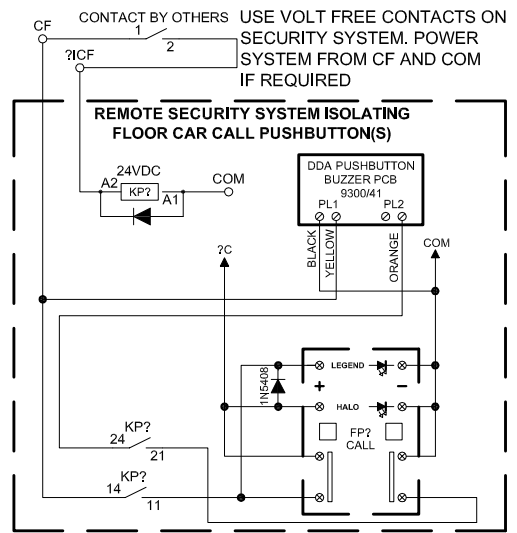
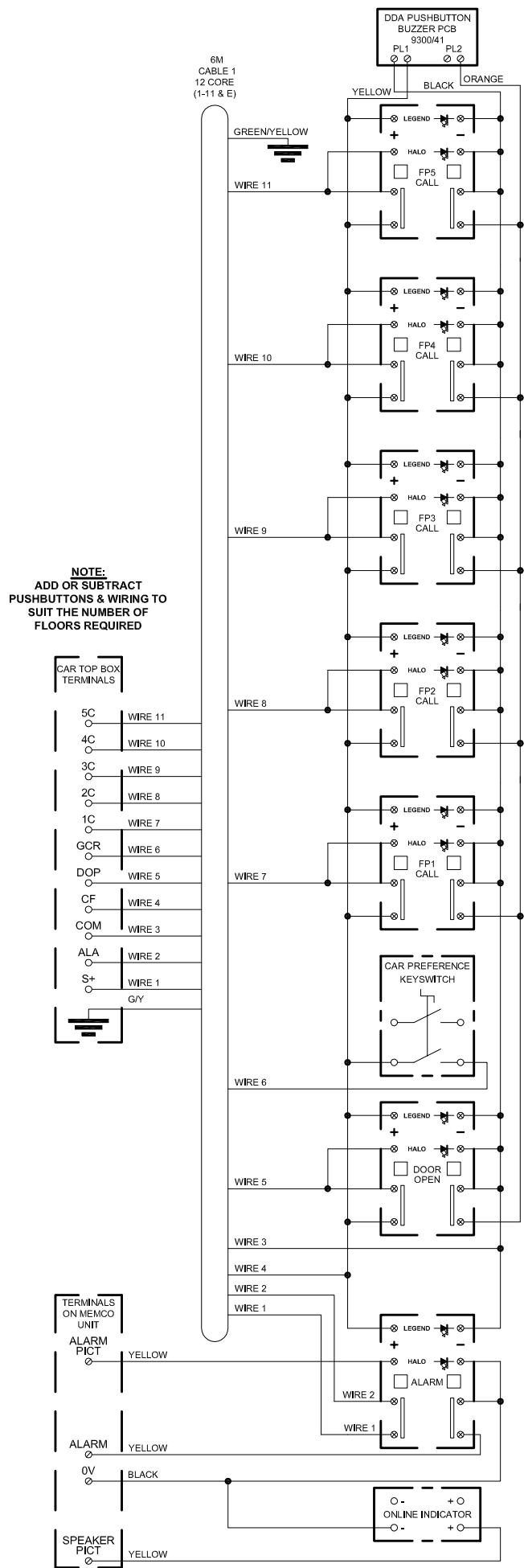
HEAD OFFICE:
 Anton Mill
 Andover Hampshire
 SP10 2NX England

Tel: 01264 339090 Fax: 337942

DRAWING NO: 9333/638

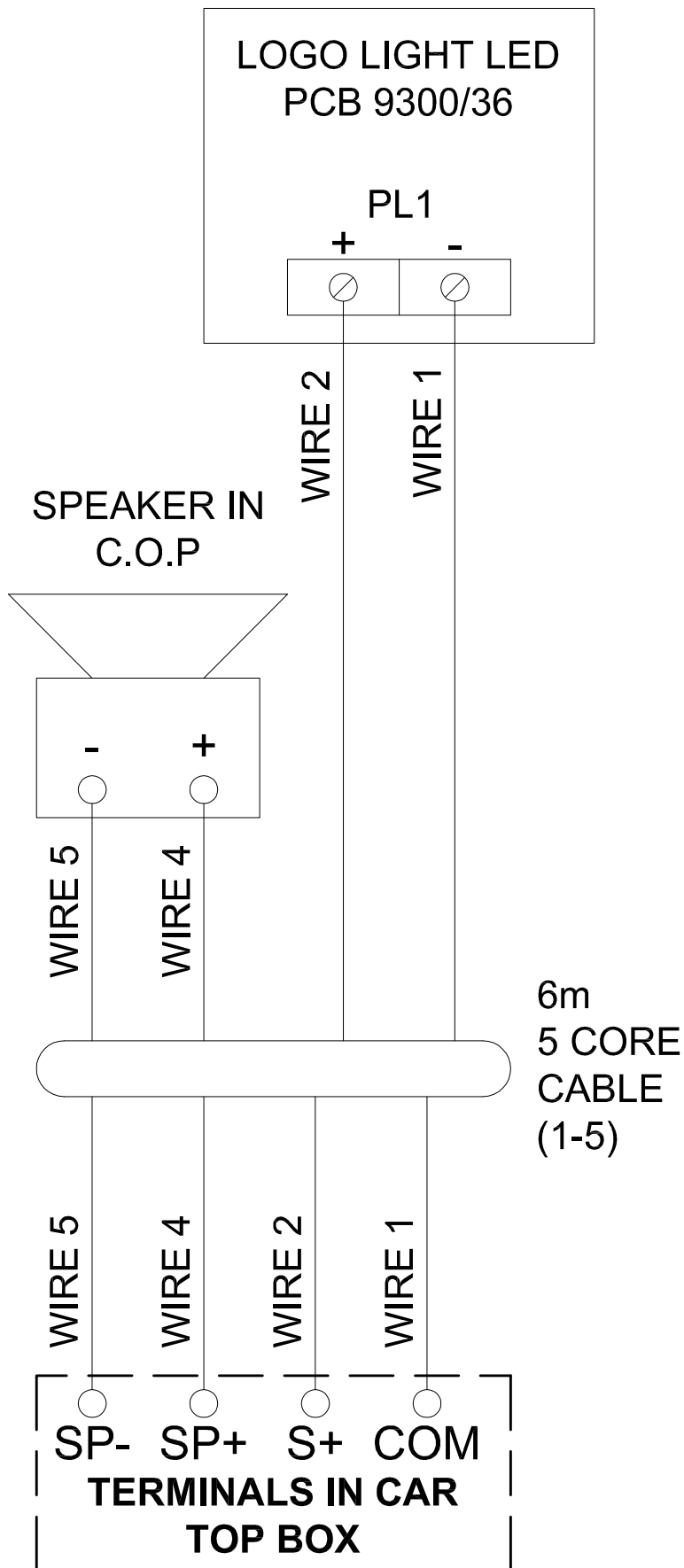
REV: G


REV G: NOTE ADDED TO PROVIDE ADDITIONAL TERMINALS FOR WINDCREST. 16/01/12. GC ECNL5148
 REV F: PAWL DEVICE & ENCODER TERMINALS REMOVED. FERMATOR DOORGEAR TERMINALS '9', '12' & '25' ADDED. ECN 5066 10/08/11. SAJ
 REV E: TERMINALS 'TU' & 'TD' CHANGED TO 'TTU' & 'TTD' FOR NGV VALVE. 14/09/10. SAJ
 REV D: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV C: 'DSR' TERMINAL ADDED. 08/10/09 SAJ.
 REV B: 'ODR2', 'ODRA2', 'PDA' & 'PDR' TERMINALS ADDED FOR PAWL DEVICE. 'TEST' TERMINAL ADDED. 'UPS' & 'DPS' TRAILER CONNECTIONS MOVED TO T4. 30/07/09 SAJ.
 REV A: ADDITIONAL 'LKS1' TERMINAL ADDED. 02/06/09 JN.



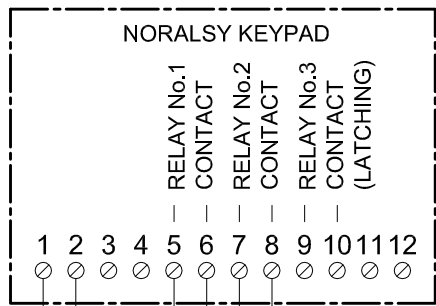
NAME:	S. JACKSON	DATE:	22/10/09
CHECKED:	G. COOPER	DATE:	22/10/09
NEXUS LV CAR WIRING - 'M20' PUSHBUTTONS FOR MEMCOM AUTODIALLER			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/728			REV: C

REV C: REMOTE SECURITY SYSTEM CONNECTIONS ADDED. 12/04/11GC.
 REV B: UPDATED FOR NEW LOGO AND FONT TEXT. 28/07/10 SAJ.
 REV A: UPDATED FOR M20 PUSHBUTTONS. 22/10/09 SAJ.

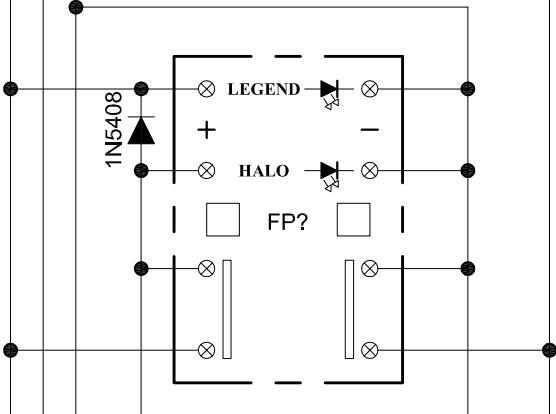
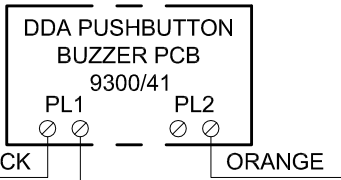


NAME:	S. JACKSON	DATE:	09/06/05
CHECKED:	D. CLARK	DATE:	09/06/05
NEXUS LV CAR WIRING OVERLOAD BUZZER, INDICATOR & EMERGENCY LIGHT			
		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/544			REV: D

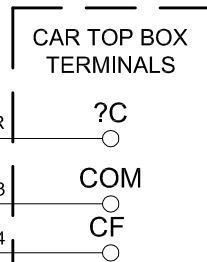
REV D: UPDATE FOR NEW LOGO AND TEXT FONT. 28/07/10SAJ.
 REV C: CABLE LENGTH ADDED. 23/05/07 DC.
 REV B: TERMINAL 'LT+' REMOVED. 10/08/06 DC.
 REV A: OVERLOAD INDICATOR REMOVED FOR NEW FINISHES. 28/09/05 DC.



IMPORTANT NOTE:
 RELAY NUMBER 1 AND
 RELAY NUMBER 2 NEED TO
 ACTIVATE TOGETHER AND
 SLOT NUMBER 27 SHOULD
 BE USED.

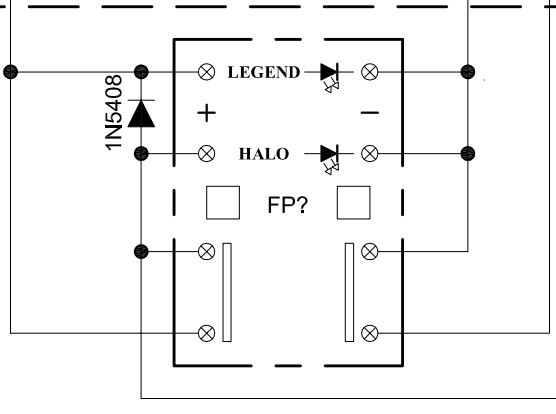


REFER TO C.O.P. DRAWING FOR WIRE NUMBER

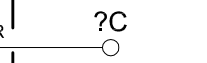


WIRE 3

WIRE 4



REFER TO C.O.P. DRAWING FOR WIRE NUMBER



NOTE:

'?' DENOTES THE FLOOR POSITION CALL TO BE ISOLATED.
 e.g. '2C', 'SR2' FOR KEYPAD ISOLATION OF FP2 CALL INPUT

NAME: D. CLARK	DATE: 02/09/03
CHECKED: R. BAUGH	DATE: 02/09/03

NEXUS CAR WIRING -
 NORALSY KEYPAD ISOLATION

Stannah

HEAD OFFICE:
 Anton Mill
 Andover Hampshire
 SP10 2NX England

Tel: 01264 339090 Fax: 337942

DRAWING NO: 9333/478

REV: |

- REV I: UPDATED FOR NEW LOGO & TEXT FONT. RELAY REMOVED AS PER ECP - 222. 04/08/10 SAJ
- REV H: INTRODUCTION OF M20 PUSH BUTTONS. ECN - L4010 18/05/09 JN.
- REV G: NOTE FOR SEGREGATED OPERATION ADDED. 05/02/09.G.C.
- REV F: 'CKBP' TERMINAL REMOVED. 21/03/07 DC.
- REV E: 'NEXI' REMOVED FROM TITLE BOX. ADDITIONAL RELAY OPTION BOX MOVED AND RELAYS UPDATED TO 2 POLE TYPE. UPDATED PUSH FEED CIRCUIT. 28/07/06 SAJ.
- REV D: 'CKBP' TERMINAL ADDED FOR KEYPAD BYPASS. 08/03/06 DC.
- REV C: CIRCUITRY ADDED FOR ISOLATION OF MORE THAN ONE PUSHBUTTON. 29/09/05 DC.
- REV B: 1N5408 DIODE ADDED TO RETAIN 'DIM' AFTER CALL ACCEPTED. 06/09/04 DC.
- REV A: DDA BUZZER NOW SWITCHED VIA RELAY THROUGH KEYPAD. 26/02/04 DC.

INITIALISATION & PROGRAMMING OF THE NORALSY KEYPAD

OVERVIEW

Codes from 3 to 8 digits long can be programmed to separately or simultaneously operate relays No.1 & 2. Latching relay No 3 has 2 codes, one to switch it "ON" and one to switch it "OFF". No codes can be altered until the 'Mastercode' has been entered. The Mastercode itself can also be 3 to 8 digits in length.

The codes for each operation are stored in "slots" in the keypad memory. The slots are as follows;

Slot number 30	=	Mastercode / programming code
Slot numbers 01...13	=	Relay No.1
Slot numbers 14...26	=	Relay No.2
Slot number 28	=	Latching relay No.3 "ON"
Slot number 29	=	Latching relay No.3 "OFF"

Note that relays No.1 and 2 both have 13 slots allocated. This means that up to 13 codes can be entered for each relay.

INITIALISING MASTERCODE

Prior to fixing the keypad into position, place +12v supply on the device and ensure that the red LED on the rear PCB is lit. On the rear of the keypad locate a small blue 'bit' switch SW5 PROG and push it upwards into the 'on' position. Wait for the unit to start beeping every 5 seconds. The unit is now ready to have its mastercode programmed.

Set the Mastercode that is stored in slot 30.

Example: You want the following mastercode: **913765**

After a beep, enter on the keypad :

30	6	913765
<i>Mastercode slot number</i>	<i>Length of code</i>	<i>Mastercode itself</i>

If you have correctly entered the mastercode you will hear 2 series of rapid beeps.

Turn off the bit switch SW5 PROG and secure front of keypad housing. You can now effect all programming simply by entering the mastercode and waiting for the beeps.

SETTING THE RELAY OPERATING CODES

Enter the Mastercode onto the keypad and wait for beeps. (You are now in programming mode and these beeps will keep going to remind you so.)

Example: You want the following codes:

Relay No.1 to operate on the 2 codes	4356
	8175
Relay No.2 to operate on the code	3232

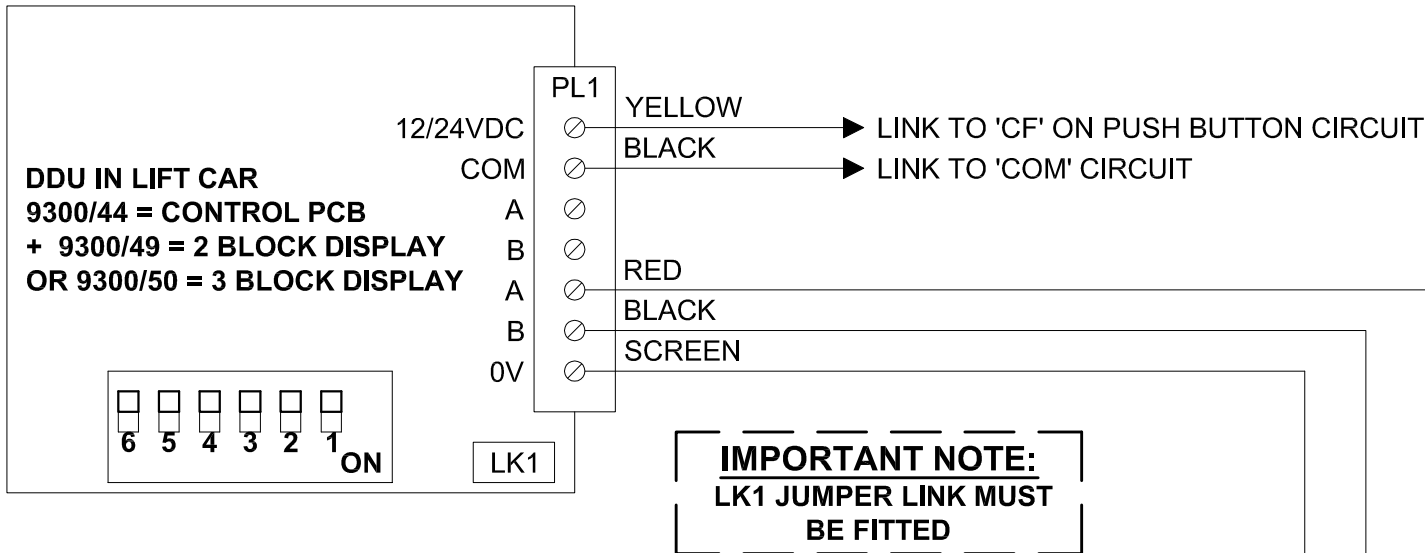
After a beep enter on the keypad:

01	4	4356
<i>Relay No.1's first slot</i>	<i>Length of code</i>	<i>Code itself</i>
02	4	8175
<i>Relay No.1's second slot</i>	<i>Length of code</i>	<i>Code itself</i>
14	4	3232
<i>Relay No.2's first slot</i>	<i>Length of code</i>	<i>Code itself</i>

After programming each slot you will hear 2 series of rapid beeps to confirm correct entry of the code. Wait until these beeps have taken place before moving on to the next code.

To leave or escape programming mode press '#' or 'B'

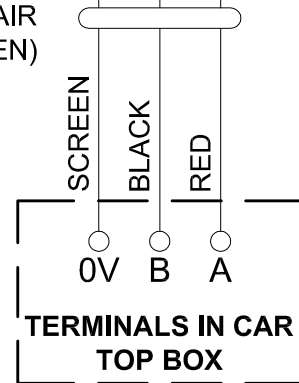
PTO



SWITCH SETTING						POSITION OF DISPLAY UNIT
6	5	4	3	2	1	
—	—	—	—	—	—	LIFT CAR

— = SET TO 'OFF'

2 CORE CABLE (TWISTED PAIR WITH SCREEN)



NAME:	S. JACKSON	DATE:	09/08/05
CHECKED:	K. CANTILLON	DATE:	27/09/05

NEXUS CAR WIRING DIAGRAM
STANNAH SERIAL
DIGITAL DISPLAY UNIT

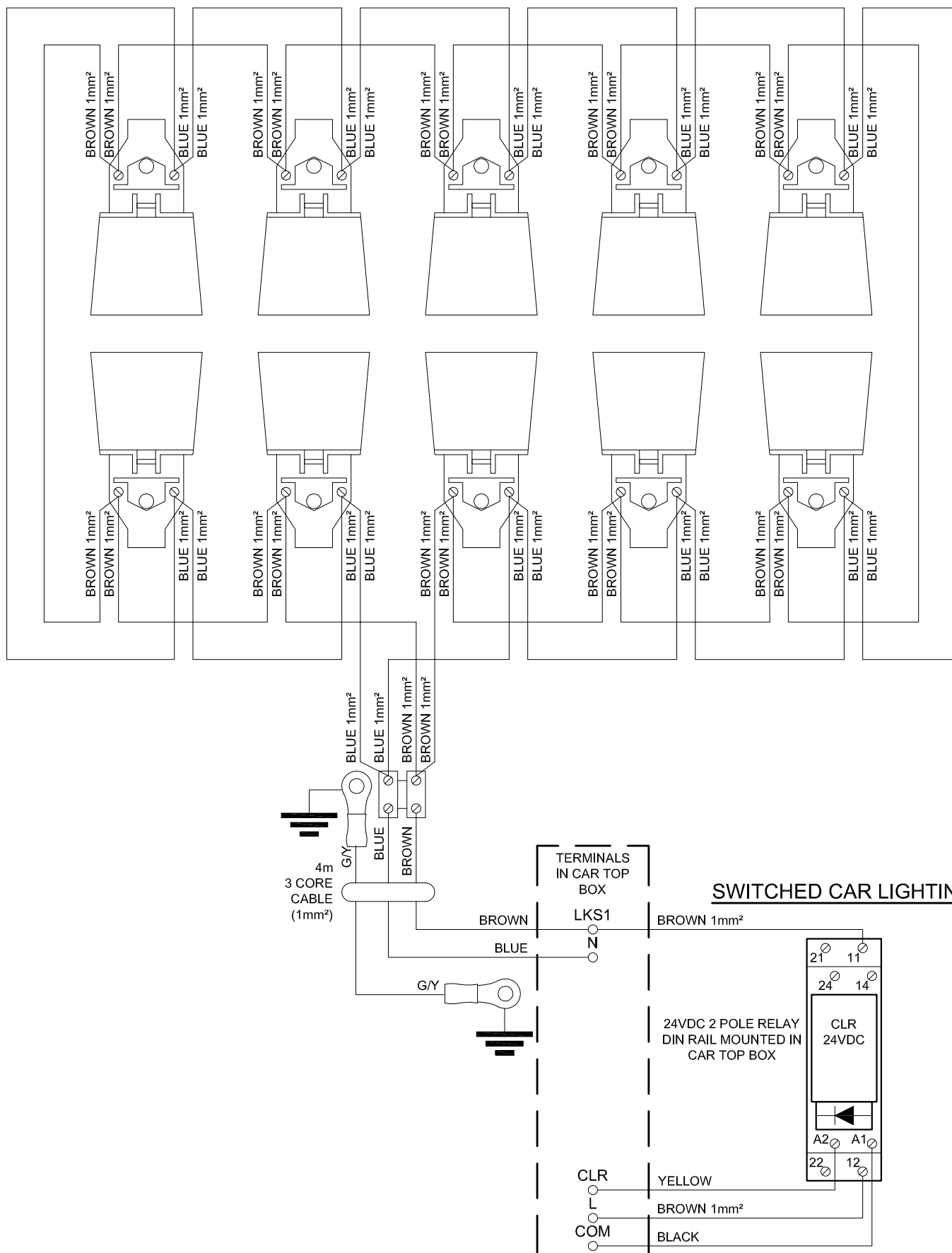
Stannah

HEAD OFFICE:
Anton Mill
Andover Hampshire
SP10 2NX England

Tel: 01264 339090 Fax: 337942

DRAWING NO: 9333/560

REV: B

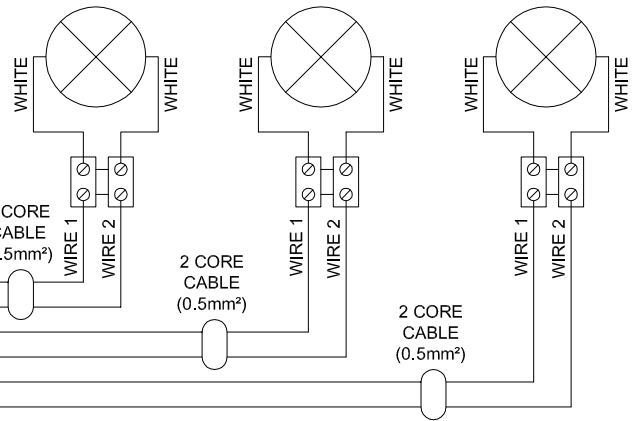


NAME: S. JACKSON	DATE: 30/06/06
CHECKED: D. CLARK	DATE: 30/06/06
NEXUS CAR WIRING - 240V 15W CAR LIGHT CONNECTION DETAILS	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/604	REV: D

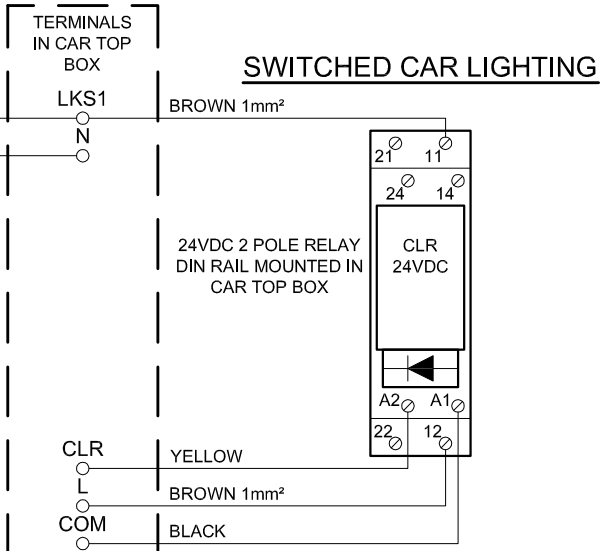
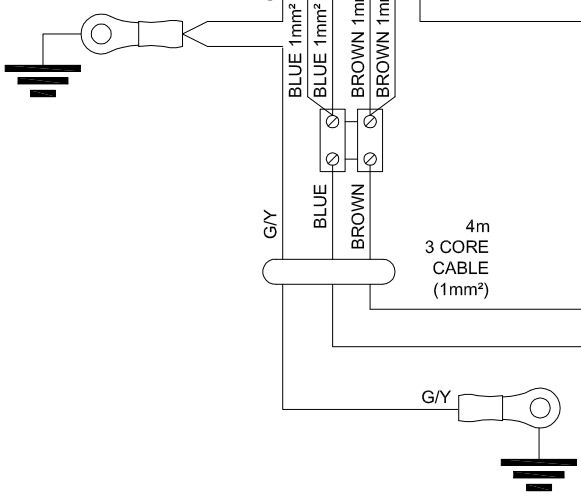
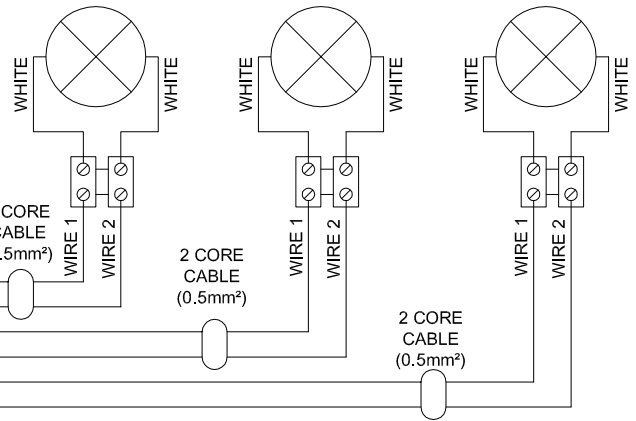
REV D: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV C: EARTH CONNECTIONS SHOWN. 01/05/09 GC.
 REV B: 'CLR' 2 POLE RELAY RE-DRAWN & 'CLR' OPTION FITTED AS STANDARD. 30/04/08 SAJ.
 REV A: CABLE COLOURS CHANGED - 240VAC RED TO BROWN, BLACK TO BLUE. 17/05/07 DC.

NOTE:
IF ADDITIONAL LIGHTING IS REQUIRED, CIRCUIT TO BE WIRED IN PARALLEL

IMPORTANT NOTE:
A MAXIMUM OF 3
HALOGEN LIGHTS MAY
BE CONNECTED TO A
TRANSFORMER.

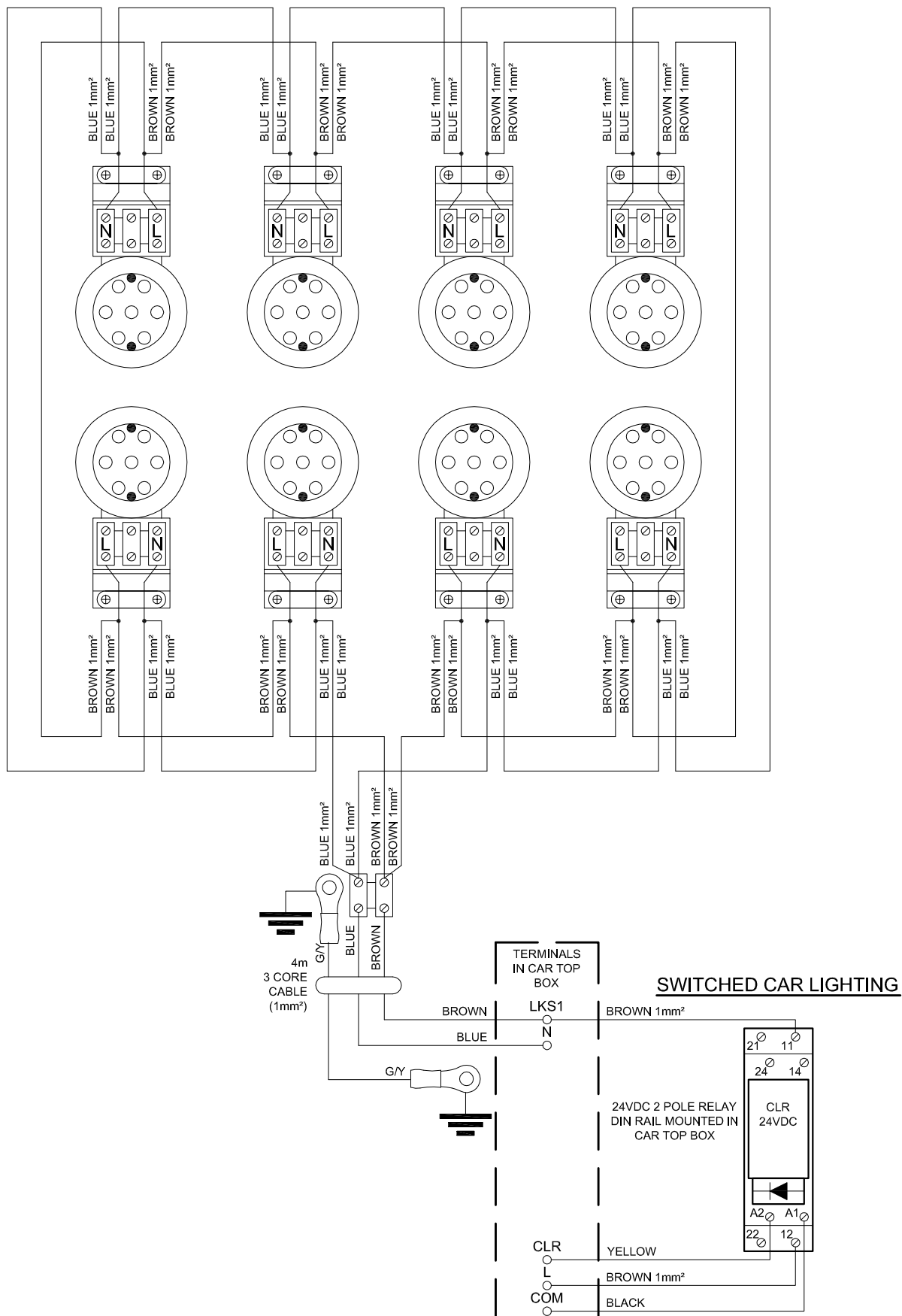


IMPORTANT NOTE:
A MAXIMUM OF 3
HALOGEN LIGHTS MAY
BE CONNECTED TO A
TRANSFORMER.

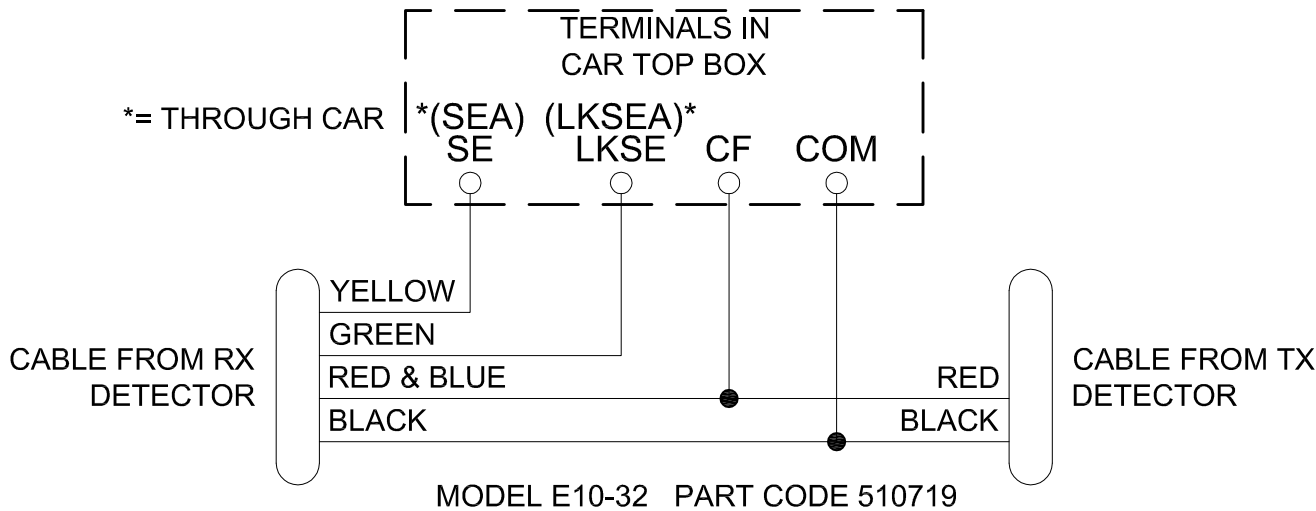


REV F: UPDATED FOR NEW TRANSFORMER. 04/03/11 JN.
 REV E: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV D: 12V CABLE COLOURING CORRECTED. 09/04/09 GC.
 REV C: EARTH CABLE SHOWN. 01/04/09 GC.
 REV B: 'CLR' 2 POLE RELAY RE-DRAWN & 'CLR' OPTION FITTED AS STANDARD. 30/04/08 SAJ.
 REV A: CABLE COLOURS CHANGED - 12VDC RED TO WHITE. 17/05/07 DC.


NAME:	S. JACKSON	DATE:	07/08/06
CHECKED:	D. CLARK	DATE:	07/08/06
NEXUS CAR WIRING - 12V DOWN LIGHTERS CONNECTION DETAILS			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/605			REV: F



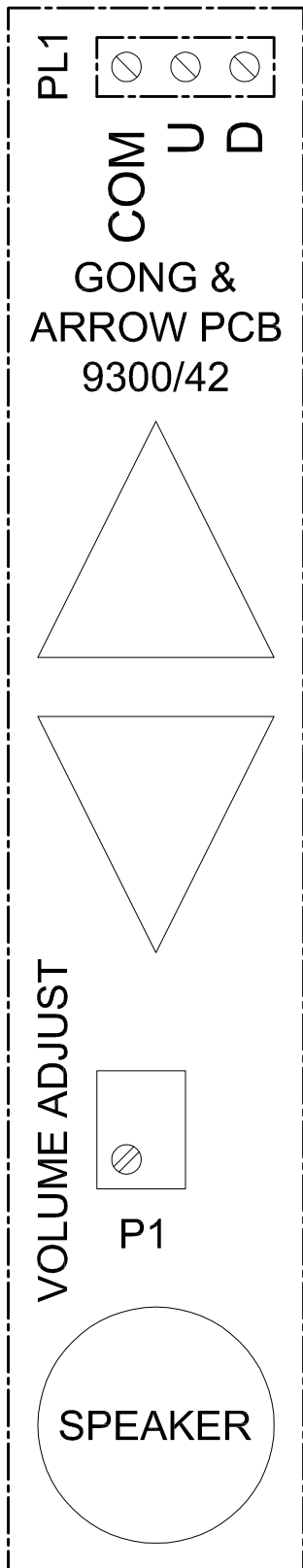
NAME: S. JACKSON	DATE: 01/06/11
CHECKED: G. COOPER	DATE: 01/06/11
NEXUS CAR WIRING - 240V CAR LIGHT CONNECTION DETAILS - NEW TYPE	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/792	REV:



DETECTOR LED STATUS FAULT FINDING KEY	
LED STATUS	POSSIBLE CAUSE
<input type="checkbox"/> No LED ON	No Power. Check the 'CF' and 'COM' wires for 24VDC.
<input type="checkbox"/> * LED flashing 0.5 sec on 0.5 sec off	Detectors not synchronised. TX not powered; All beams blocked.
<input type="checkbox"/> * LED flashing 1 sec on 1 sec off	One or more diodes timed out.
<input type="checkbox"/> * LED flashing 0.5 sec on 2 sec off	Normal (unobstructed) operation.
<input checked="" type="checkbox"/> LED ALWAYS ON	Obstruction between detectors.

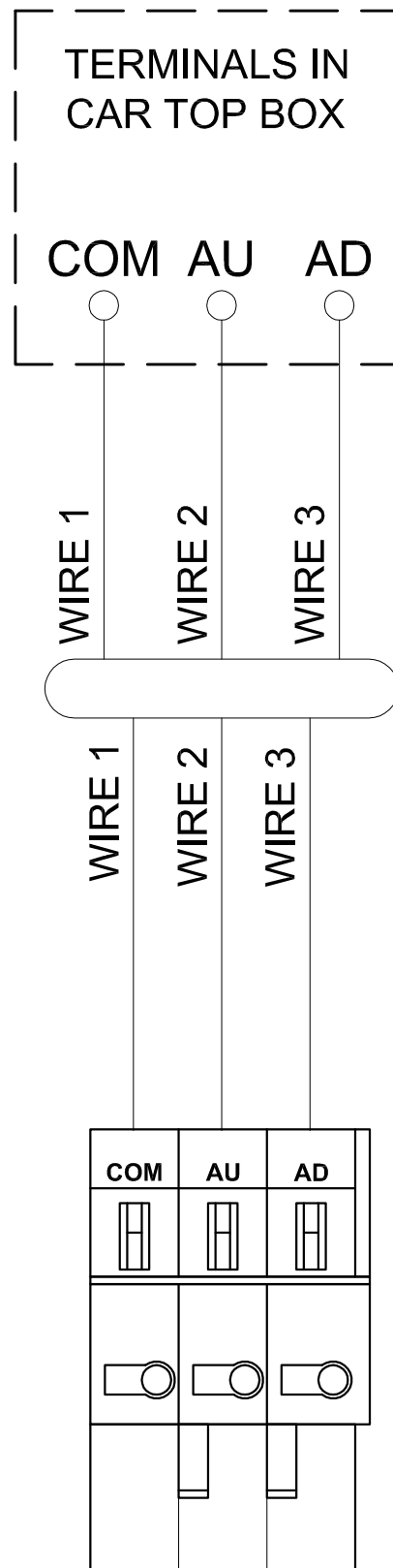
NAME: D. CLARK	DATE: 23/06/04
CHECKED: R. BAUGH	DATE: 23/06/04
NEXUS LV CAR WIRING - FULL HEIGHT INFRA RED SAFETY EDGE	
	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/513	REV: F

REV F: UPDATED FOR NEW E SERIES LIGHT RAYS. 06/03/12 GC. ECN L5223
 REV E: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV D: MODEL NUMBER UPDATED. 22/05/08 SAJ.
 REV C: PART CODE ADDED. 23/05/07 DC.
 REV B: MODEL INFORMATION ADDED. 21/02/07 DC.
 REV A: THROUGH CAR TERMINAL OPTION ADDED. 08/06/06 SAJ.



5m
5 CORE CABLE
(1-5)

IMPORTANT NOTE:
CHECK THAT THE
ORIENTATION OF THE
PLUG & WIRE
NUMBERS ARE
CORRECT BEFORE
PLUGGING INTO PCB



**PLUG INTO PL1 ON
GONG & ARROW PCB**

NAME:	D. CLARK	DATE:	02/09/03
CHECKED:	R. BAUGH	DATE:	02/09/03

NEXUS CAR WIRING -
DIRECTION OF DEPARTURE
ARROWS AND GONGS PCB

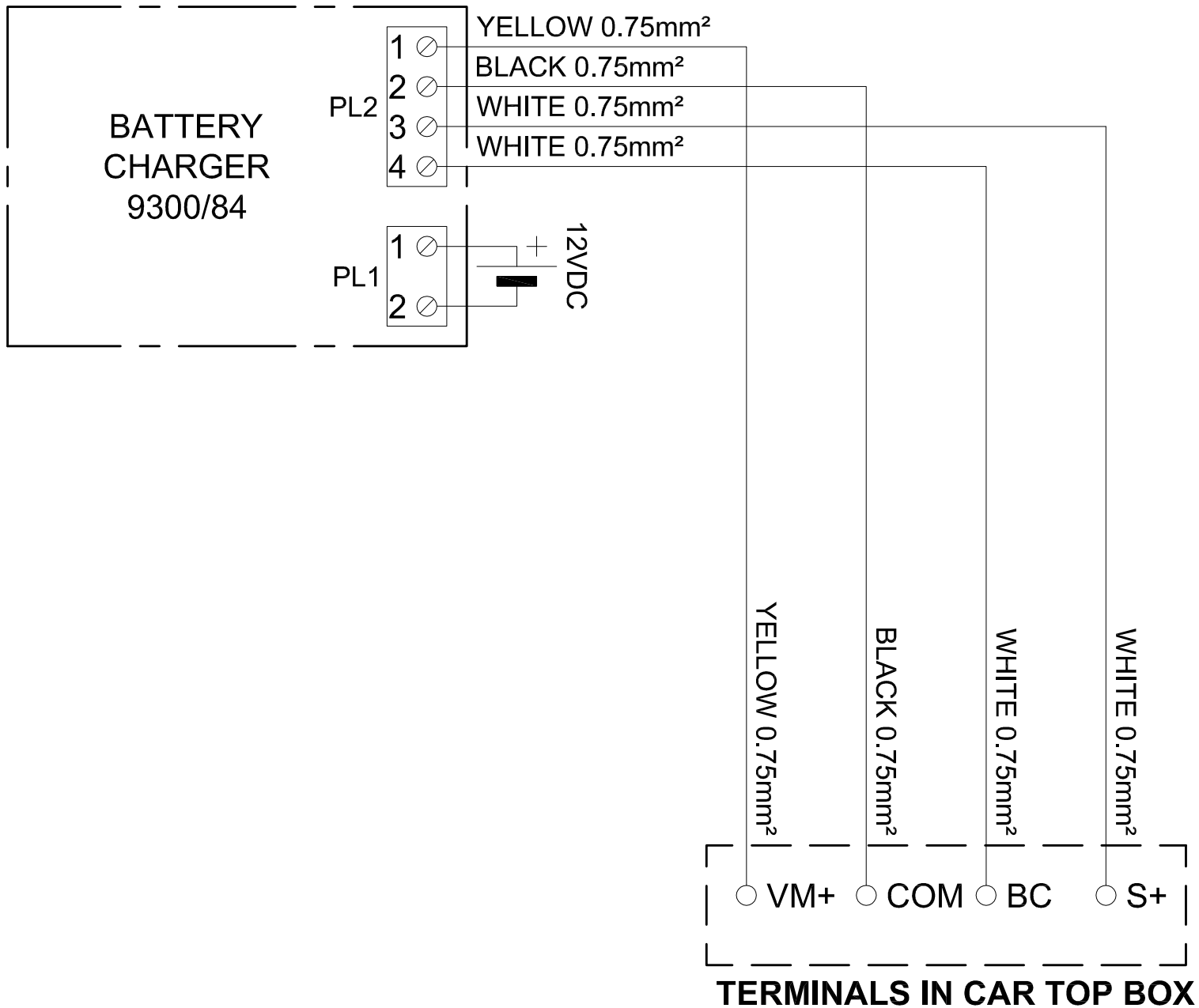
Stannah

HEAD OFFICE:
Anton Mill
Andover Hampshire
SP10 2NX England

Tel: 01264 339090 Fax: 337942

DRAWING NO: 9333/477

REV: D

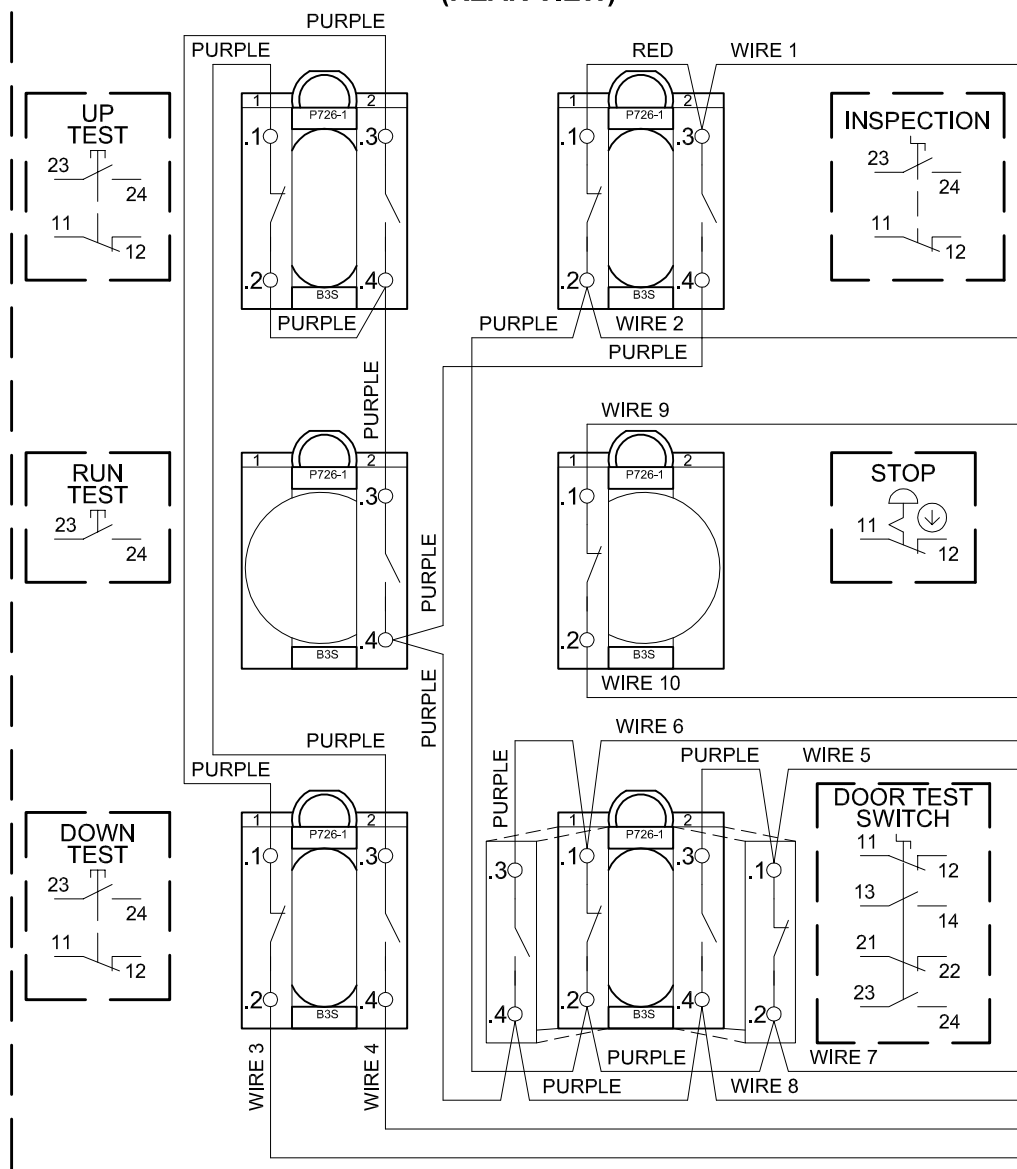


NAME:	S. JACKSON	DATE:	09/06/05
CHECKED:	D. CLARK	DATE:	09/06/05
NEXUS CAR WIRING - EMERGENCY LIGHT UNIT (ELU)			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/545			REV: C

REV C: UPDATED FOR NEW LOGO AND TEXT FONT. 28/07/10 SAJ.
 REV B: NEW BATTERY CHARGER CIRCUIT. 01/04/09 GC.
 REV A: CABLE COLOURS CHANGED - 'LINK' TO 12VDC WHITE & BLACK. 5 CORE CABLE CHANGED TO 2 CORE. 17/05/07 DC.

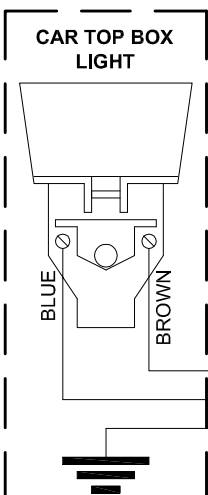
**TOP BOX TEST CONTROLS
(REAR VIEW)**

1m
10 CORE
CABLE
(1-10)

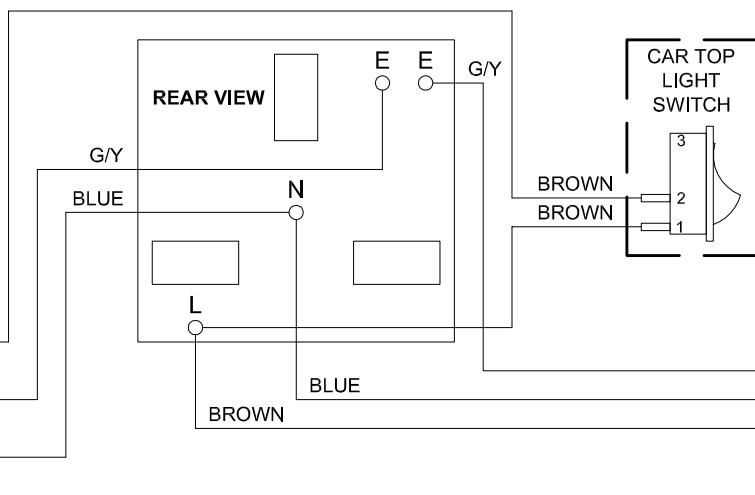


**TERMINALS IN
CAR TOP BOX**

- WIRE 1 — ○ AF
 - WIRE 2 — ○ TR
 - WIRE 3 — ○ LKU
 - WIRE 4 — ○ TD
 - WIRE 5 — ○ LKC
 - WIRE 6 — ○ LKO
 - WIRE 7 — ○ LKN
 - WIRE 8 — ○ LKT
 - WIRE 9 — ○ LK1
 - WIRE 10 — ○ LK2 (LKM) *
- * = THROUGH CAR ONLY



1m
3 CORE
CABLE
(0.75mm²)



1m
3 CORE
CABLE
(0.75mm²)

- BROWN — ○ L
- BLUE — ○ N
- G/Y — ○ E

NAME: S. JACKSON DATE: 07/06/05
CHECKED: D. CLARK DATE: 07/06/05

**NEXUS CAR WIRING -
CAR TOP BOX TEST CONTROLS**

Stannah

HEAD OFFICE:
Anton Mill
Andover Hampshire
SP10 2NX England

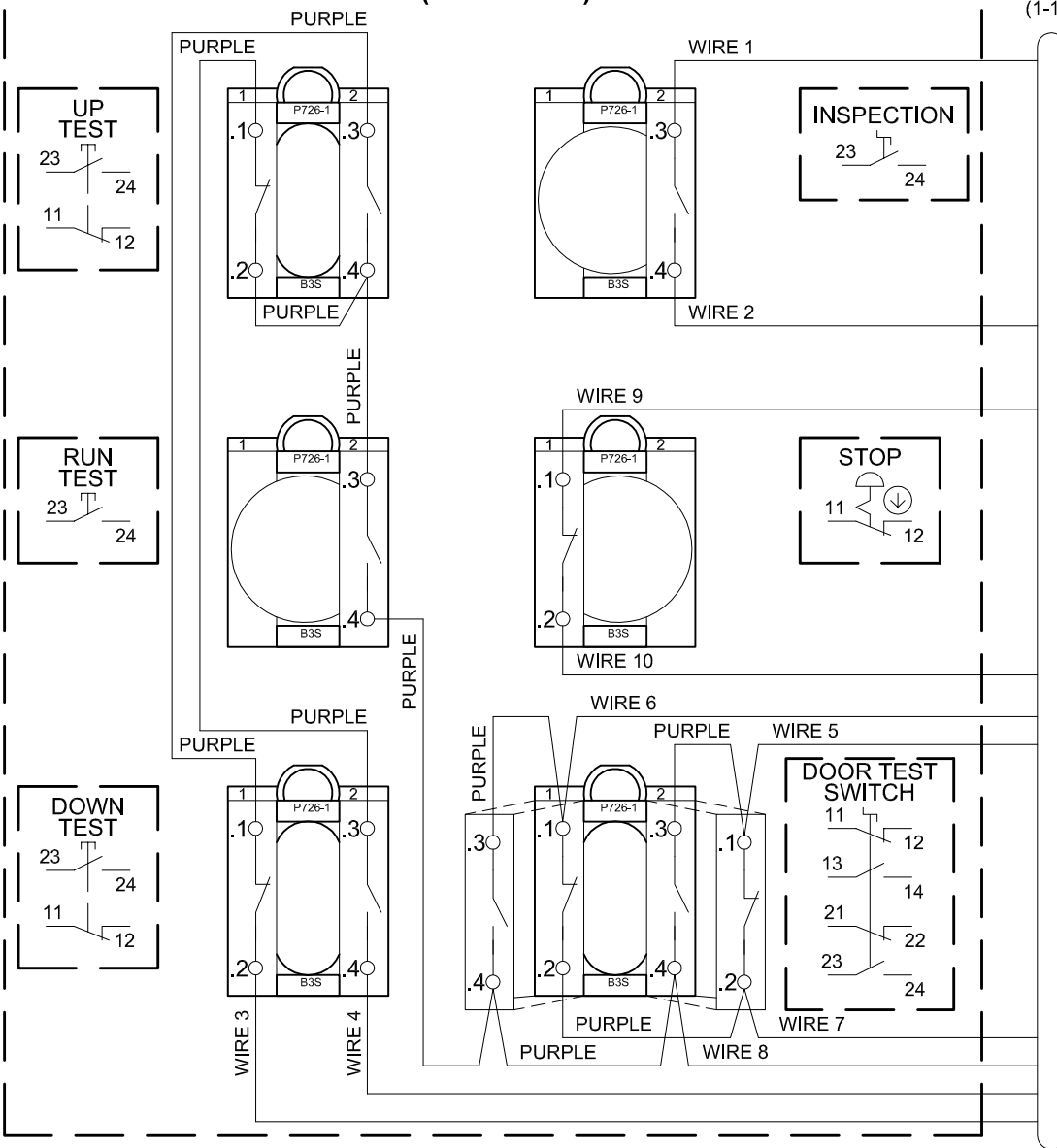
Tel: 01264 339090 Fax: 337942


DRAWING NO: 9333/606

REV: B

**TOP BOX TEST CONTROLS
(REAR VIEW)**

1m
10 CORE
CABLE
(1-10)

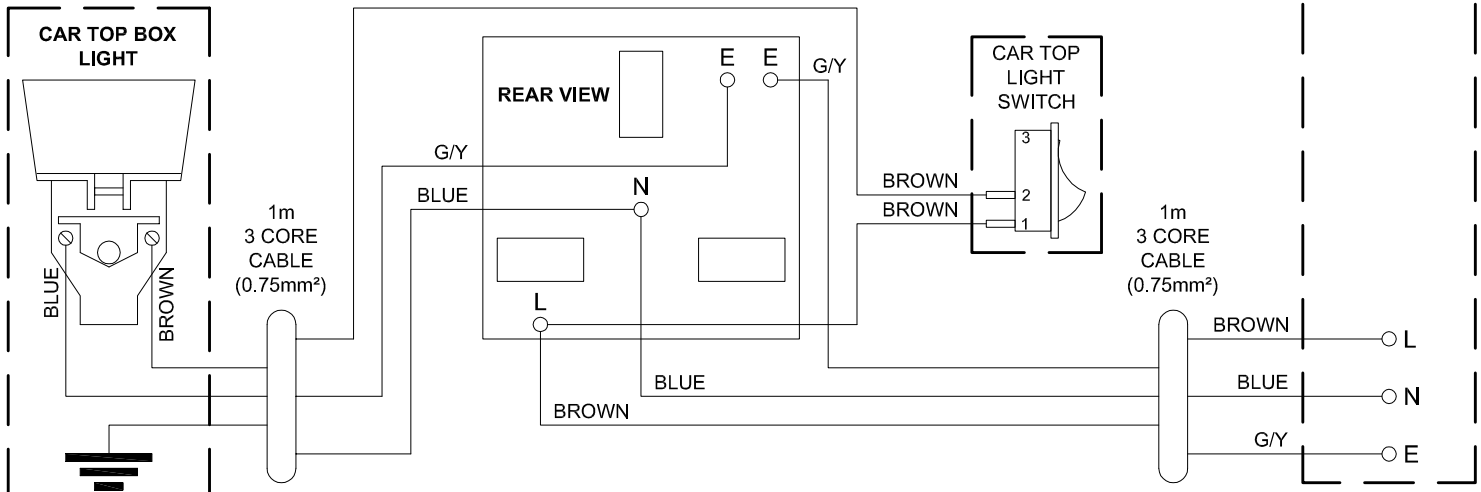




TERMINALS IN CAR TOP BOX

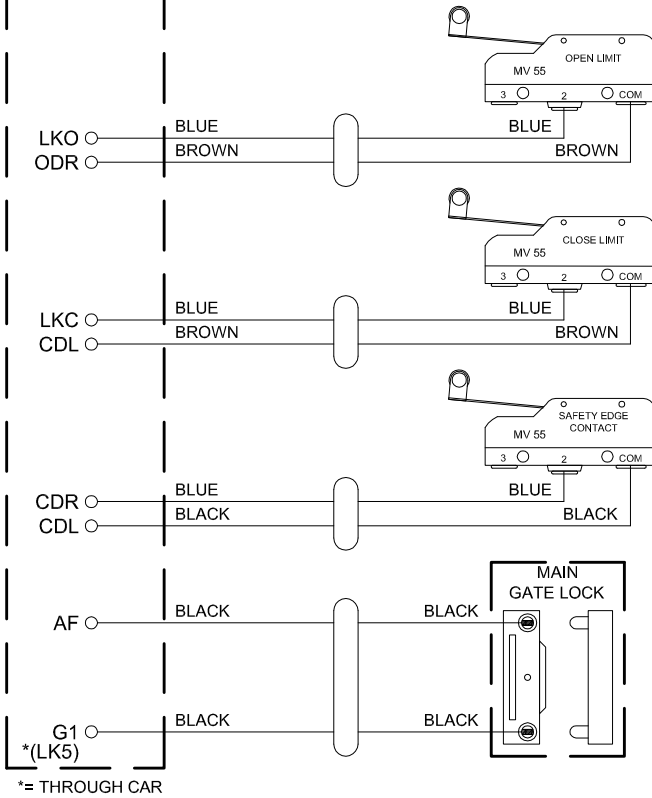
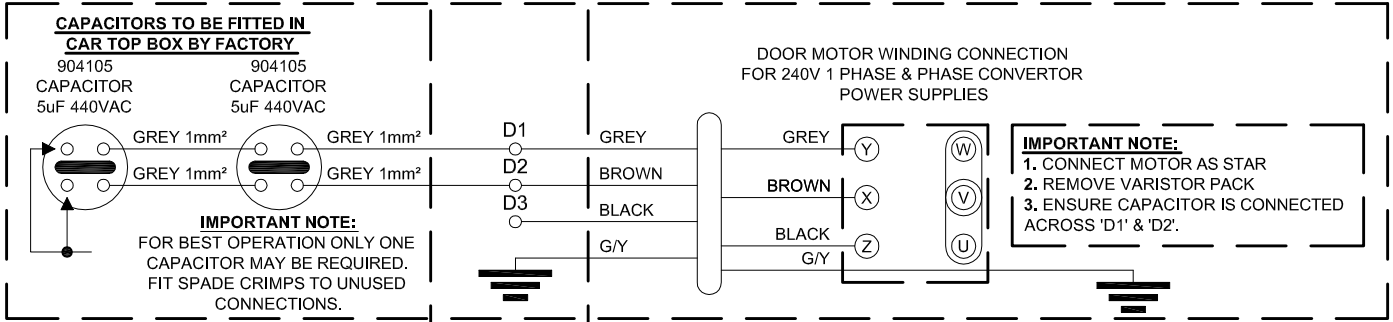
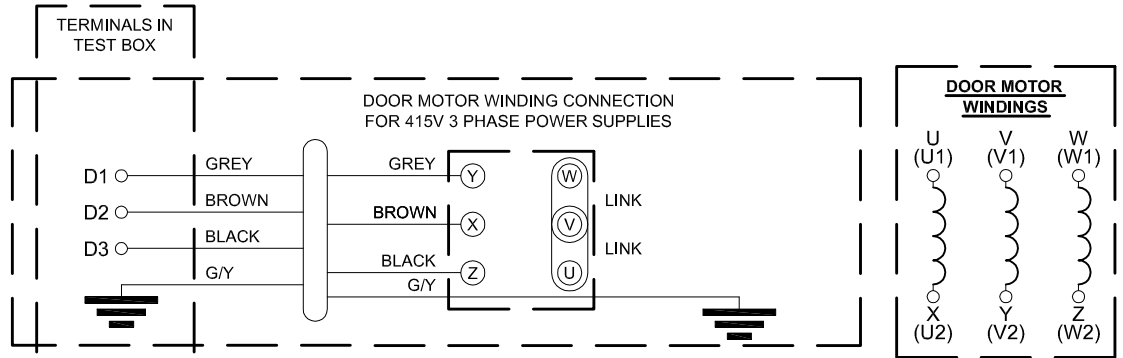
WIRE 1	○ AF
WIRE 2	○ CTR
WIRE 3	○ LKU
WIRE 4	○ TD
WIRE 5	○ LKC
WIRE 6	○ LKO
WIRE 7	○ LKN
WIRE 8	○ LKT
WIRE 9	○ LK1
WIRE 10	○ LK2 (LKM) *

* = THROUGH CAR ONLY



NAME: S. JACKSON	DATE: 07/06/05
CHECKED: D. CLARK	DATE: 07/06/05
MRLi-PIT CAR WIRING - CAR TOP BOX TEST CONTROLS	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/539	REV: C

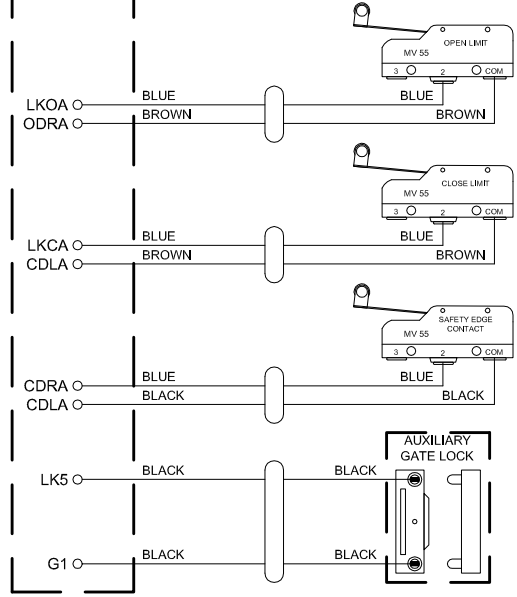
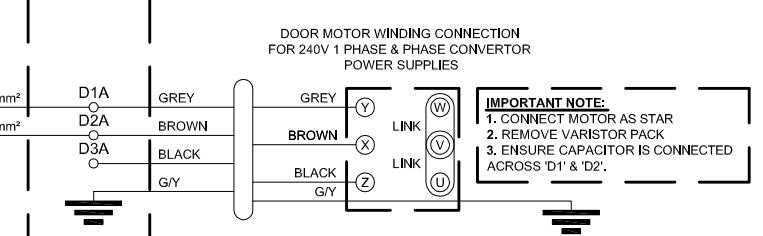
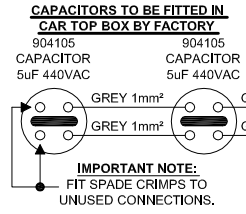
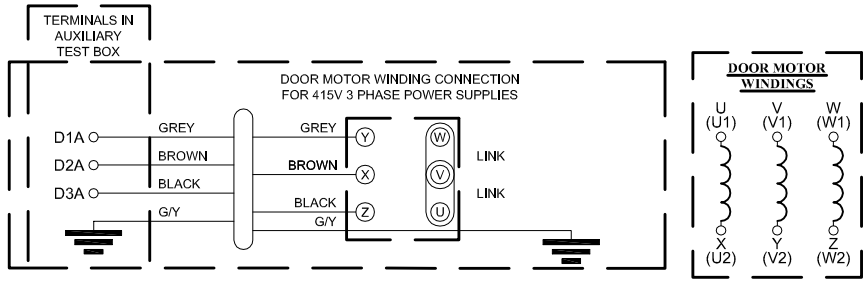
REV C: UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ.
REV B: 'LINK' TEXT UPDATED TO CORRECT COLOURS - SAFETY CIRCUIT = RED, 110VAC = BLUE. 17/05/07 DC.
REV A: DRAWING UPDATED TO SHOW ADD-ON BLOCK DETAILS. 07/08/06. SAJ



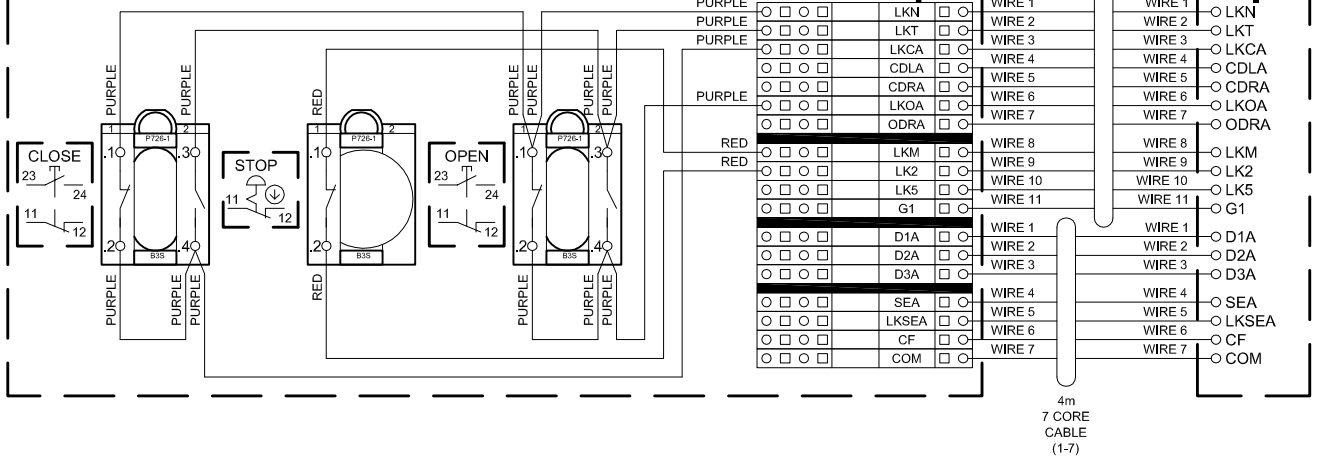
NAME:	S. JACKSON	DATE:	29/06/06
CHECKED:	D. CLARK	DATE:	29/06/06
NEXUS CAR WIRING - IGV 3 PHASE DOOR GEAR			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/608			REV: B

REV B: UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ.
REV A: Single phase motor connection now Star, note on Capacitors. 27/07/10 GC.

**COMPONENTS LOCATED ON IGV 3 PHASE DOOR GEAR
(TO BE CONNECTED TO THE AUXILIARY TEST BOX BY INSTALLER)**



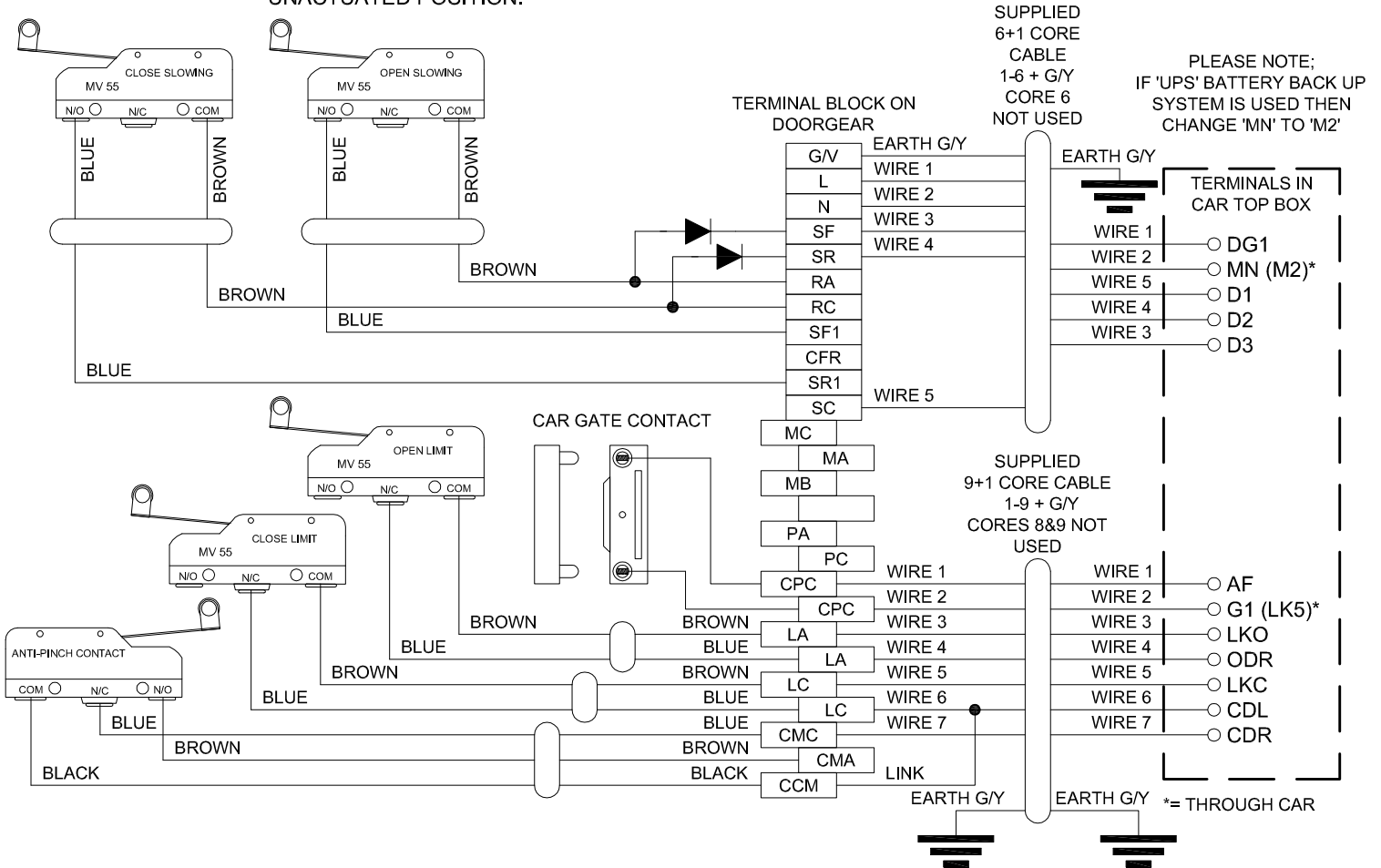
**AUXILIARY TOP BOX TEST CONTROLS
(REAR VIEW)**



NAME:	D. CLARK	DATE:	21/12/04
CHECKED:	R. BAUGH	DATE:	21/12/04
NEXUS CAR WIRING - AUXILLIARY IGV 3 PHASE DOOR GEAR WITHH DOOR TEST SWITCH & STOP PUSH			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/520			REV: D

REV D: UPDATED FOR NEW LOGO & TEXT FONT. SINGLE PHASE MOTOR CONNECTION NOW 'STAR'. 29/07/10 SAJ.
 REV C: SAFETY EDGE EXTENTION TERMINALS ADDED TO AUX TEST BOX. 19/07/10 SAJ.
 REV B: 'LINK' CABLES UPDATED TO SPECIFY COLOURS. 415VAC CHANGED FROM RED TO GREY. 18/05/07 DC.
 REV A: RE-DRAWN TO SHOW UPDATED ADD-ON BLOCK CONNECTIONS & LIMIT SWITCHES. ORDER OF TERMINALS CHANGED. 08/08/06. SAJ.

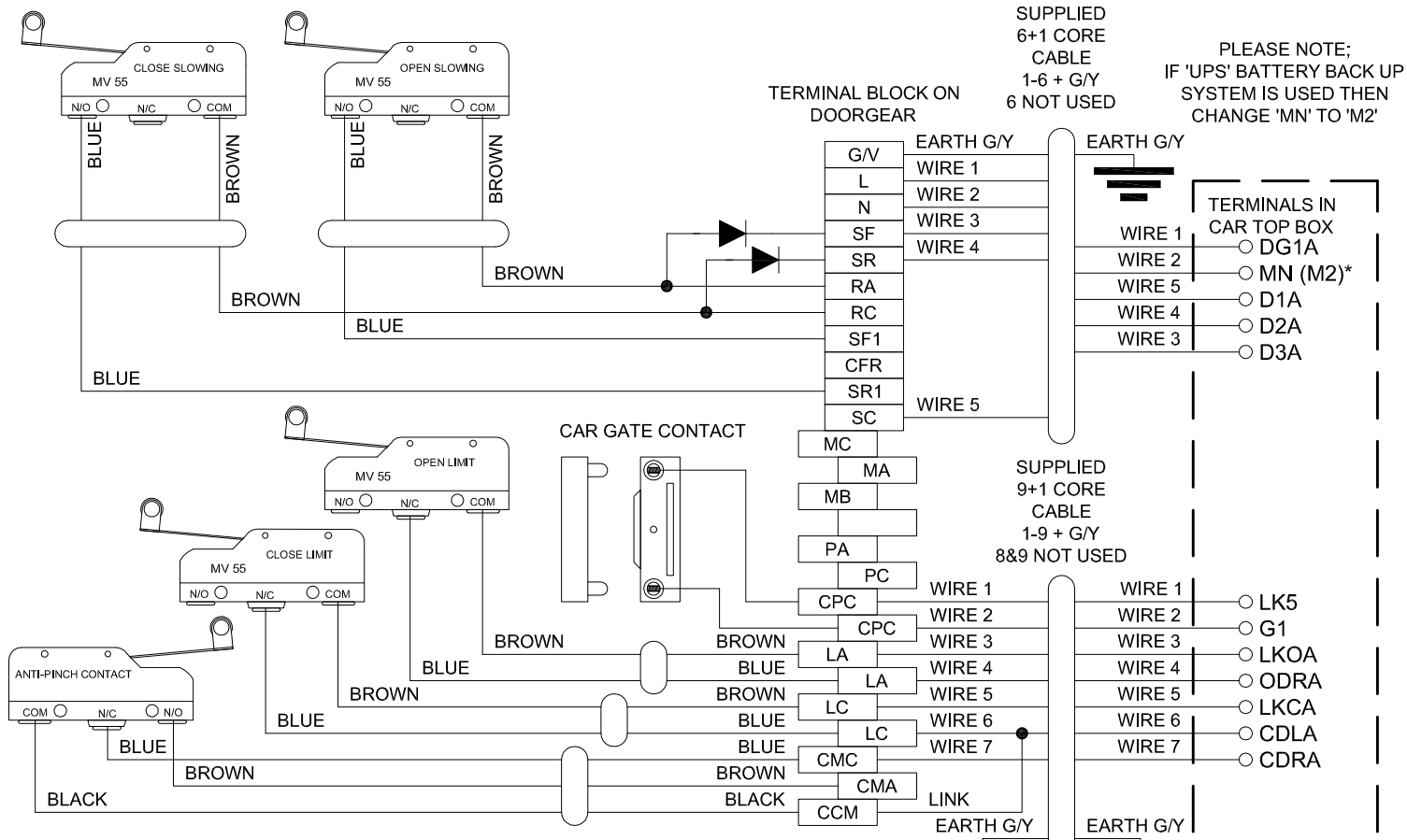
SWITCHES MOUNTED ON DOORGEAR ARE PRE-WIRED BY IGV. ALL SWITCHES ARE WIRED 'NORMALLY CLOSED' WHILE IN THE UNACTUATED POSITION.



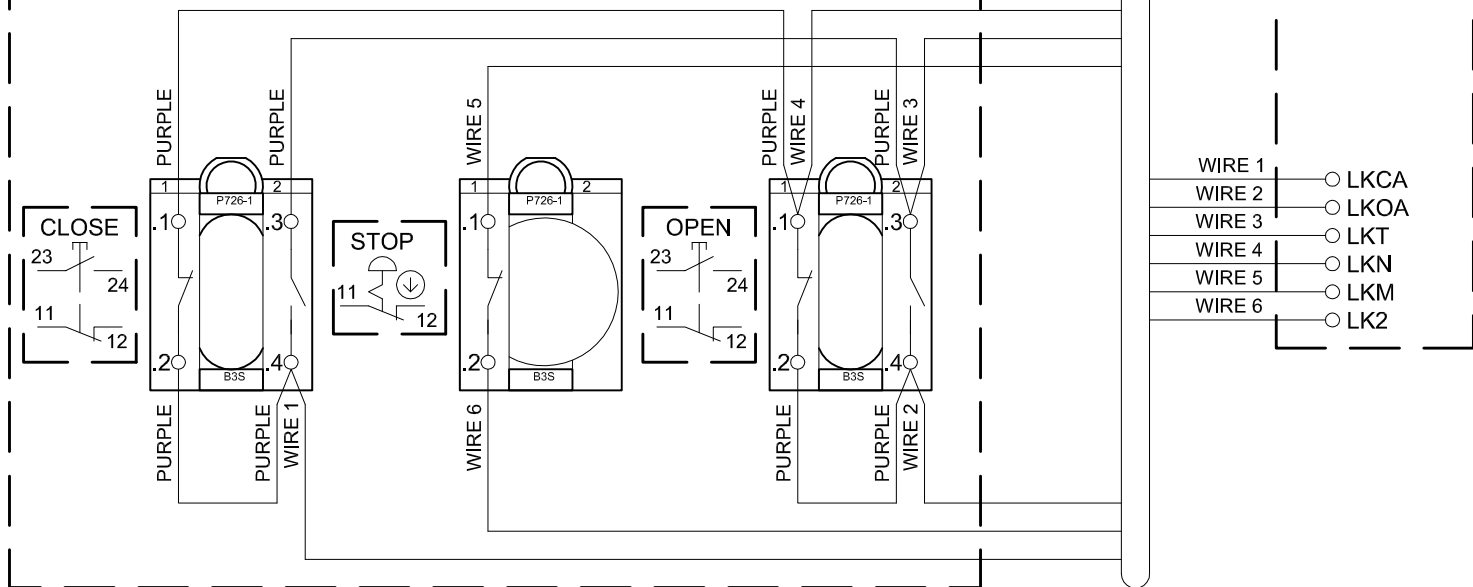
REV E: SWITCH I/O'S CORRECTED. ECN L5071 26/09/11 SAJ
 REV D: UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ.
 REV C: CABLING NOW AS SUPPLIED BY IGV. 01/02/10. GC
 REV B: 'UPS' NOTE ADDED TO EXPLAIN CHANGING 'MN' TERMINAL TO 'M2'. 09/10/09. SAJ
 REV A: LENGTH DETAIL ADDED TO 5 & 7 CORE CABLE (2m). 17/05/07 DC.

NAME: S. JACKSON	DATE: 12/07/06
CHECKED: D. CLARK	DATE: 12/07/06
NEXUS CAR WIRING - IGV V3F DOORGEAR	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/609	REV: E

SWITCHES MOUNTED ON DOORGEAR ARE PRE-WIRED BY IGV. ALL SWITCHES ARE WIRED 'NORMALLY CLOSED' WHILE IN THE UNACTUATED POSITION.



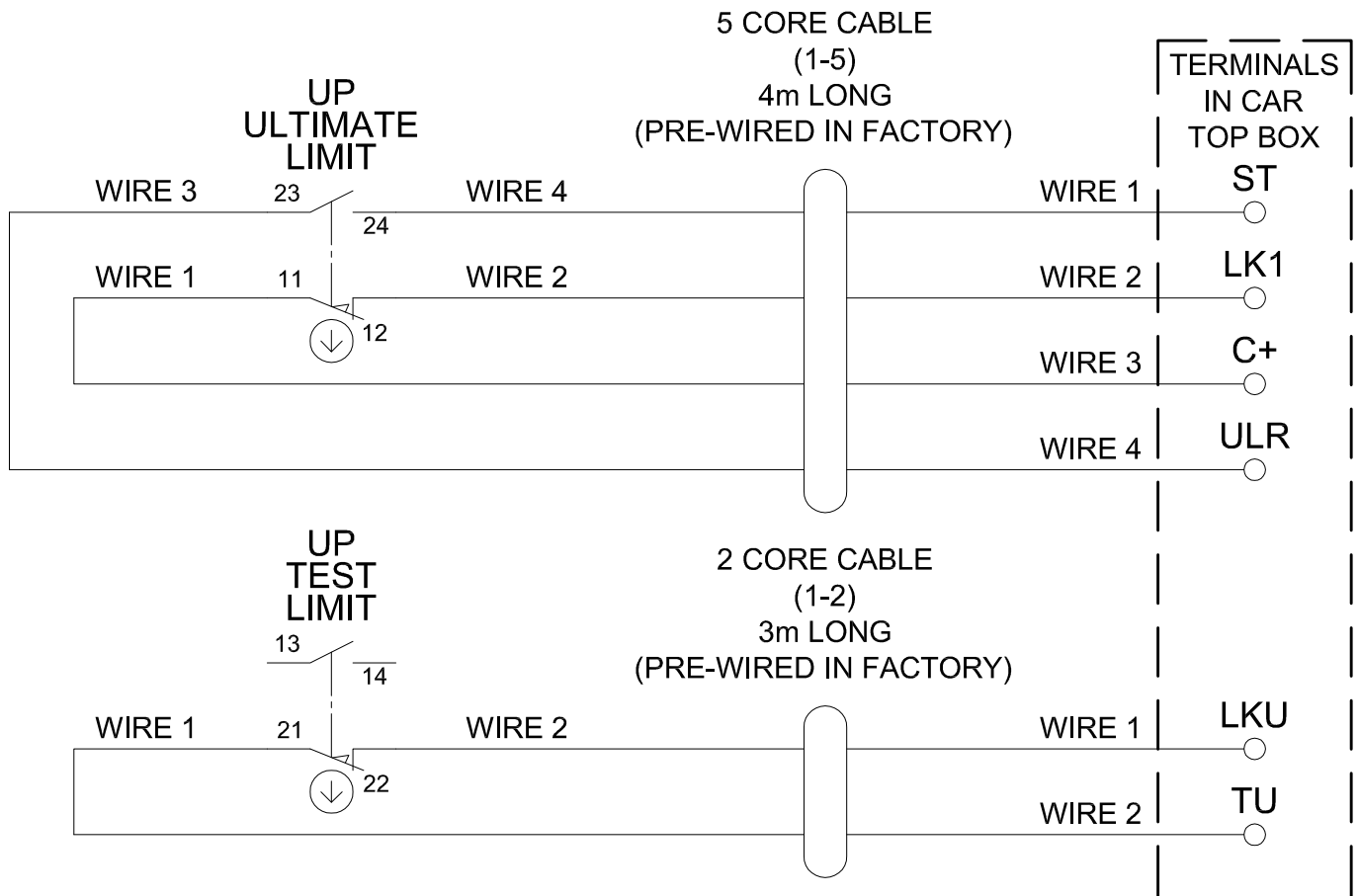
AUXILIARY TOP BOX TEST CONTROLS (REAR VIEW)



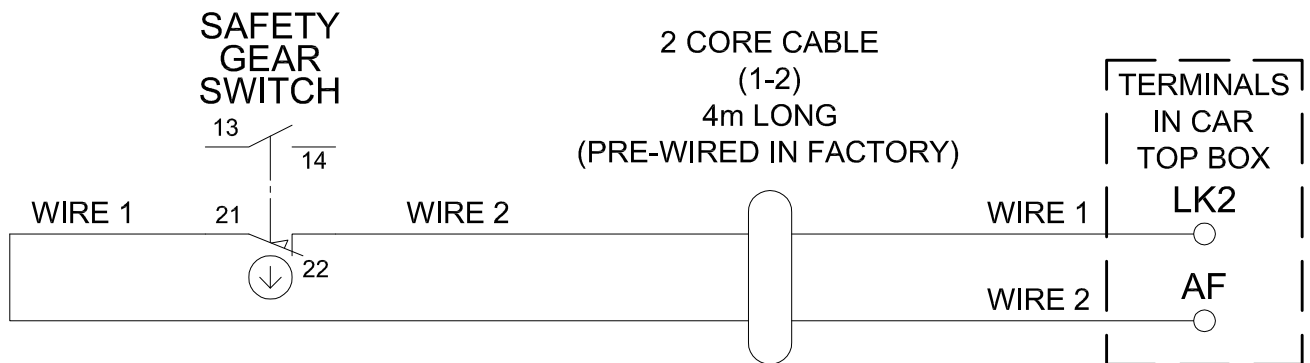
NAME: S. JACKSON	DATE: 12/07/06
CHECKED: D. CLARK	DATE: 12/07/06
NEXUS CAR WIRING - THROUGH CAR TEST CONTROLS V3F DOORGEAR	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/607	REV: E

REV E: SWITCH I/O'S CORRECTED. ECN L5071 26/09/11 SAJ
 REV D: UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ
 REV C: CABLES SUPPLIED BY IGV NOW SHOWN. 01/02/10. GC
 REV B: 'UPS' NOTE ADDED TO EXPLAIN CHANGING 'MN' TERMINAL TO 'M2'. 09/10/09. SAJ
 REV A: DOORGEAR WIRING ADDED. 'LINK' CABLES UPDATED TO SPECIFY COLOURS. 25/05/07 DC.

SWITCHES MOUNTED ON TOP OF THE LIFT CAR



SWITCHES MOUNTED ON THE LIFT CAR SLING

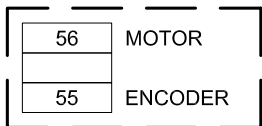


IMPORTANT NOTE:

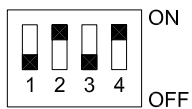
FOR DIRECT ACTING LIFTS NO SAFETY GEAR SWITCH IS REQUIRED - LINK 'LK2' TO 'AF' IN THE CAR TOP BOX.

NAME: S. JACKSON	DATE: 27/07/06
CHECKED: D. CLARK	DATE: 27/07/06
NEXUS CAR WIRING - UP TEST, UP ULTIMATE & SAFETY GEAR	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/623	REV: B

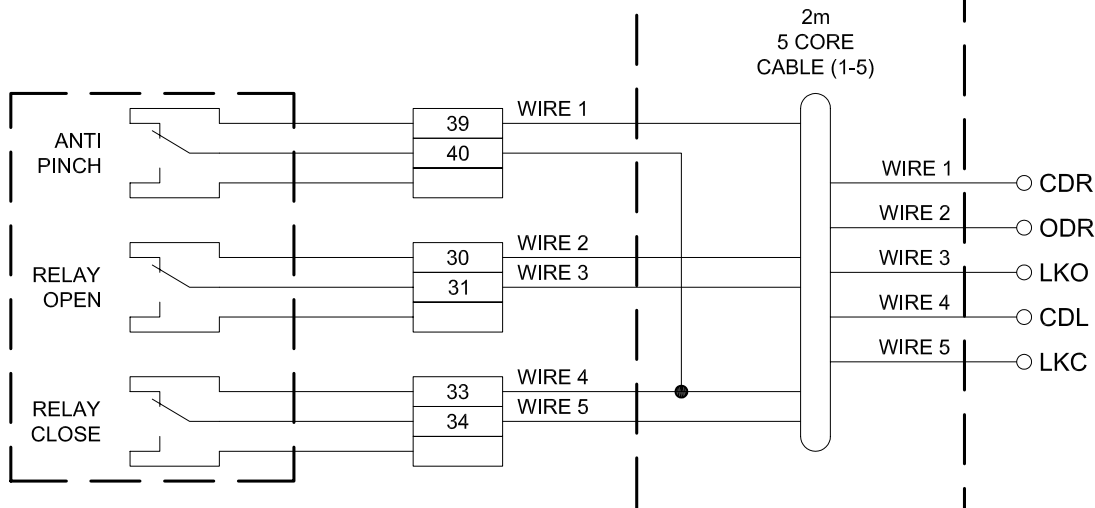
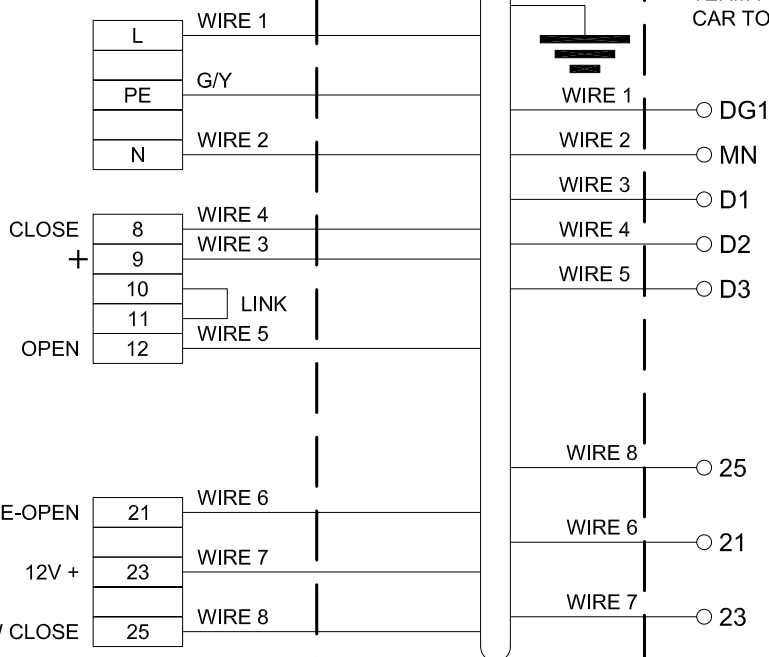
FERMATOR DOOR GEAR CONTROLLER



BIT SWITCH SETTINGS



- 1 = OFF
- 2 = ON
- 3 = SETTING DEPENDANT ON HAND OF DOOR
- 4 = ON



MAIN CAR GATE CONTACT



*= THROUGH CAR

NAME: S. JACKSON DATE: 01/07/09
 CHECKED: G. COOPER DATE: 01/07/09

NEXUS CAR WIRING - FERMATOR DOORGEAR

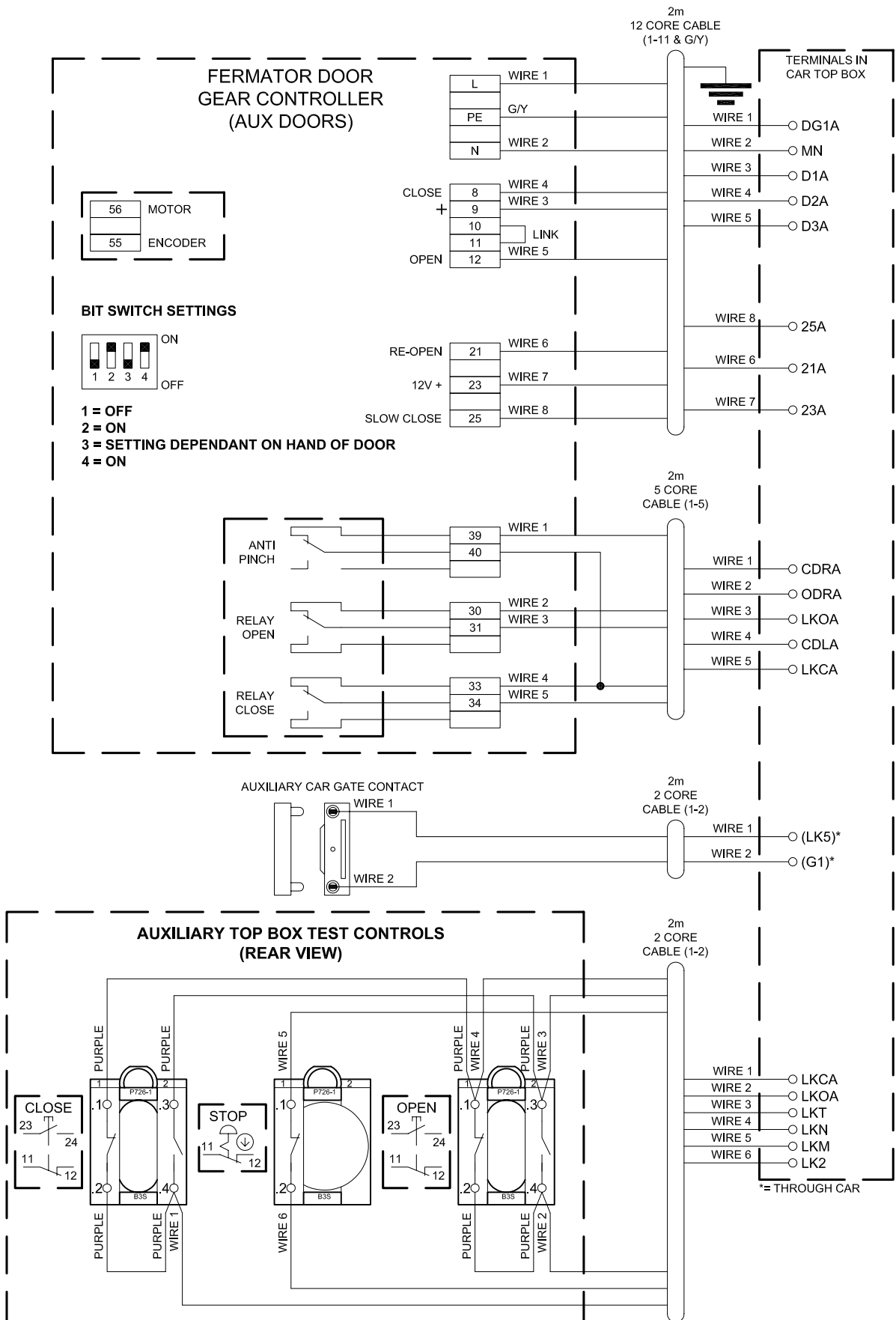
Stannah

HEAD OFFICE:
 Anton Mill
 Andover Hampshire
 SP10 2NX England

Tel: 01264 339090 Fax: 337942

DRAWING NO: 9333/782

REV: B



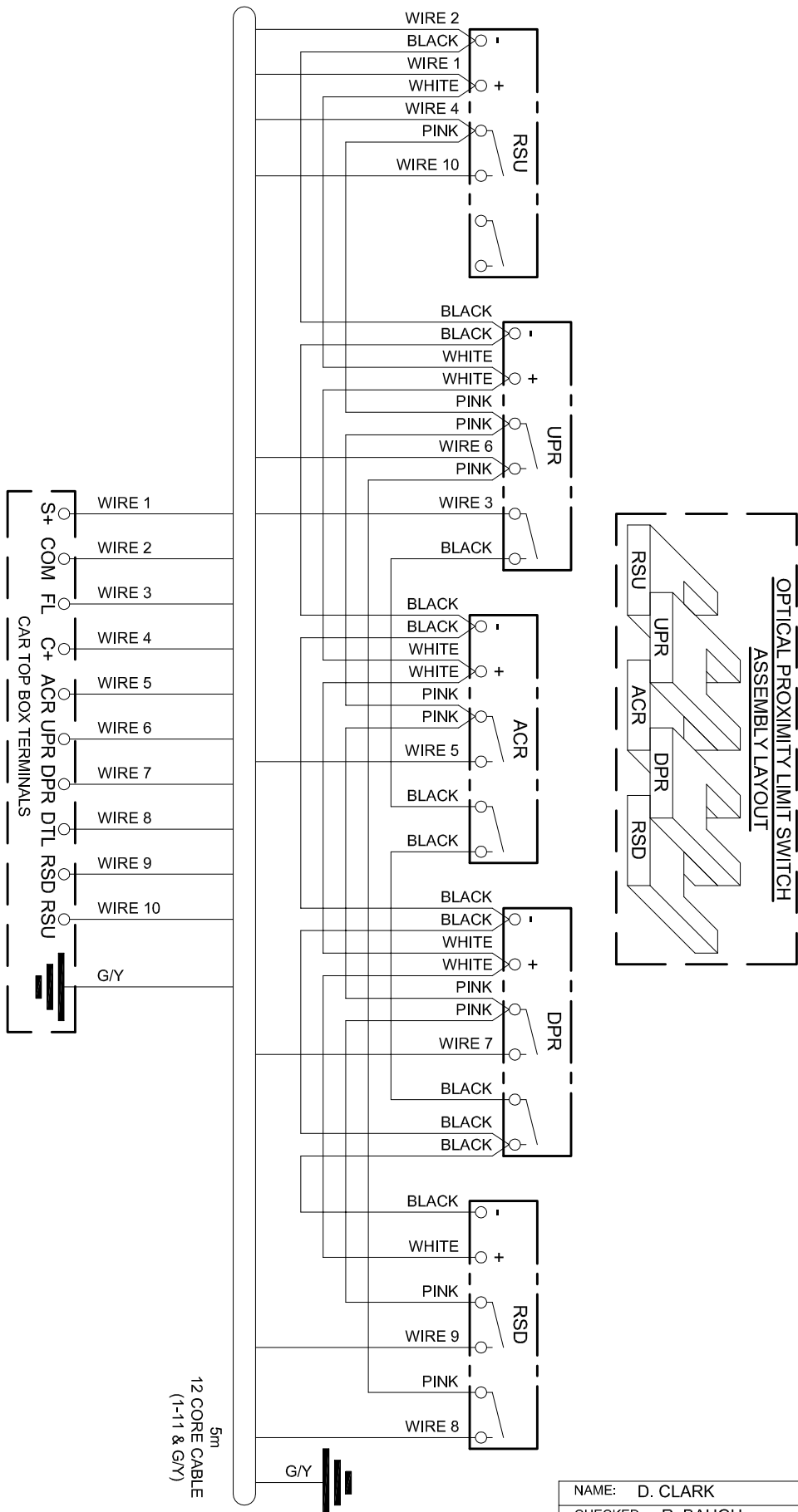
NAME: S. JACKSON DATE: 01/07/09
 CHECKED: G. COOPER DATE: 01/07/09


NEXUS CAR WIRING - THROUGH CAR TEST CONTROLS FERMATOR DOORGEAR

Stannah HEAD OFFICE: Anton Mill, Andover Hampshire, SP10 2NX England
 Tel: 01264 339090 Fax: 337942

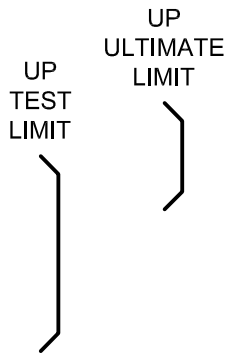
DRAWING NO: 9333/794 REV: B

Rev B: Description of switches added. 25/01/12 JN. ECN 5254
 RevA : Link added and Terminals clarified. GC 13/01/12 ECN L5144



NAME: D. CLARK	DATE: 29/11/05
CHECKED: R. BAUGH	DATE: 29/11/05
NEXUS LV CAR WIRING - CAR TOP OPTICAL PROXIMITY SWITCH ASSEMBLY	
	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/574	REV: B

REV B: UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ
 REV A: CABLE LENGTH ADDED. 'LINK' CABLES UPDATED TO SPECIFY COLOURS. 23/05/07 DC.



UP ULTIMATE LIMIT
 THE UP ULTIMATE LIMIT SHOULD ACTIVATE WHEN THE LIFT CAR SILL IS 50-75mm ABOVE THE TOP FLOOR LANDING SILL.

UP TEST LIMIT
 THE UP TEST LIMIT SHOULD ACTIVATE WHEN THE LIFT CAR SILL IS 1500mm BELOW THE TOP FLOOR LANDING SILL.

DIMENSION 'A' IS RELATIVE TO THE LIFT SPEED. THE NOMINAL DIMENSIONS ARE:

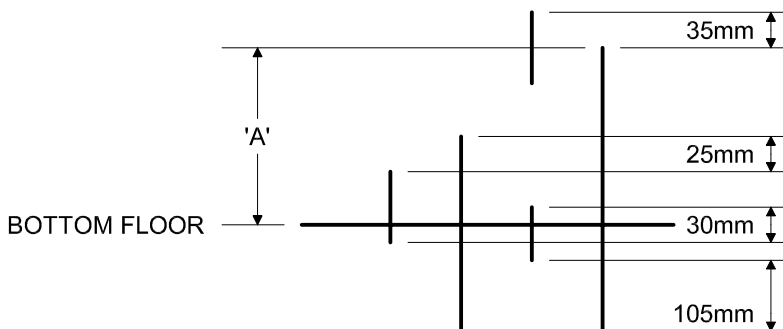
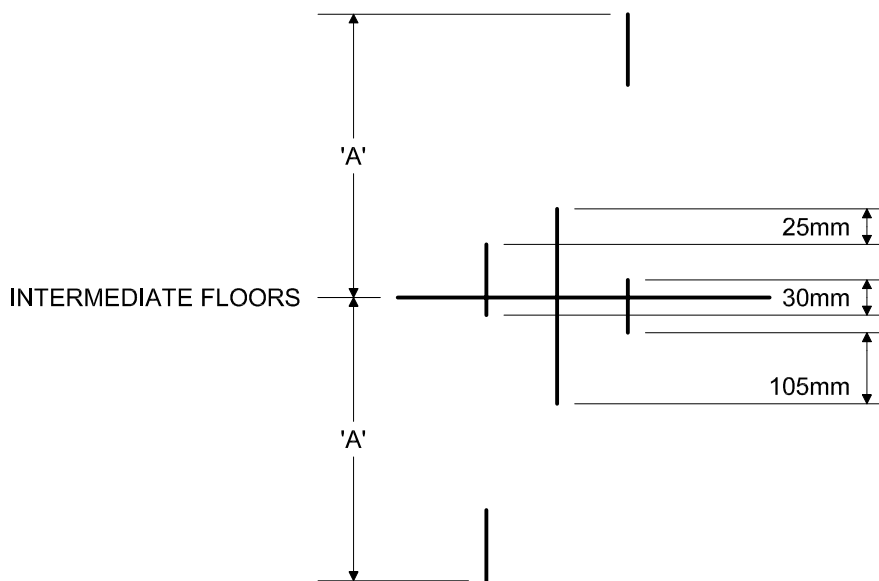
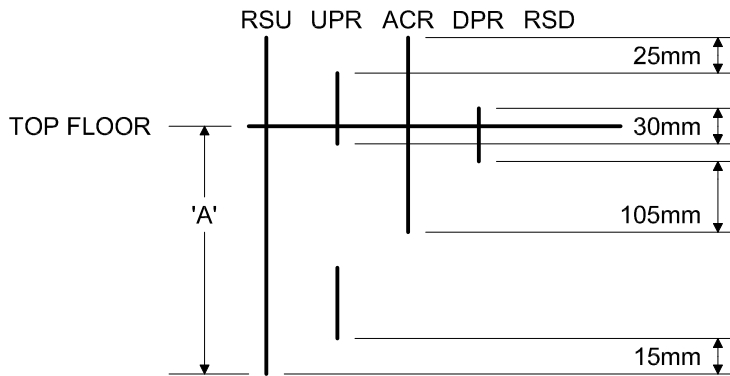
- 0.16m/S, A = 350mm
- 0.30m/S, A = 600mm
- 0.40m/S, A = 800mm
- 0.50m/S, A = 1000mm
- 0.63m/S, A = 1200mm
- 0.93m/S, A = 1800mm

VANE LENGTHS

- ACR VANES = 300mm
- UPR VANES = 115mm
- DPR SLOWING VANES = 115mm
- DPR FLOOR LEVEL VANES = 85mm
- RSU VANES = 1000mm
- RSD VANES = 1000mm

RSU & RSD VANES SHOULD BE CUT TO LENGTH AS REQUIRED

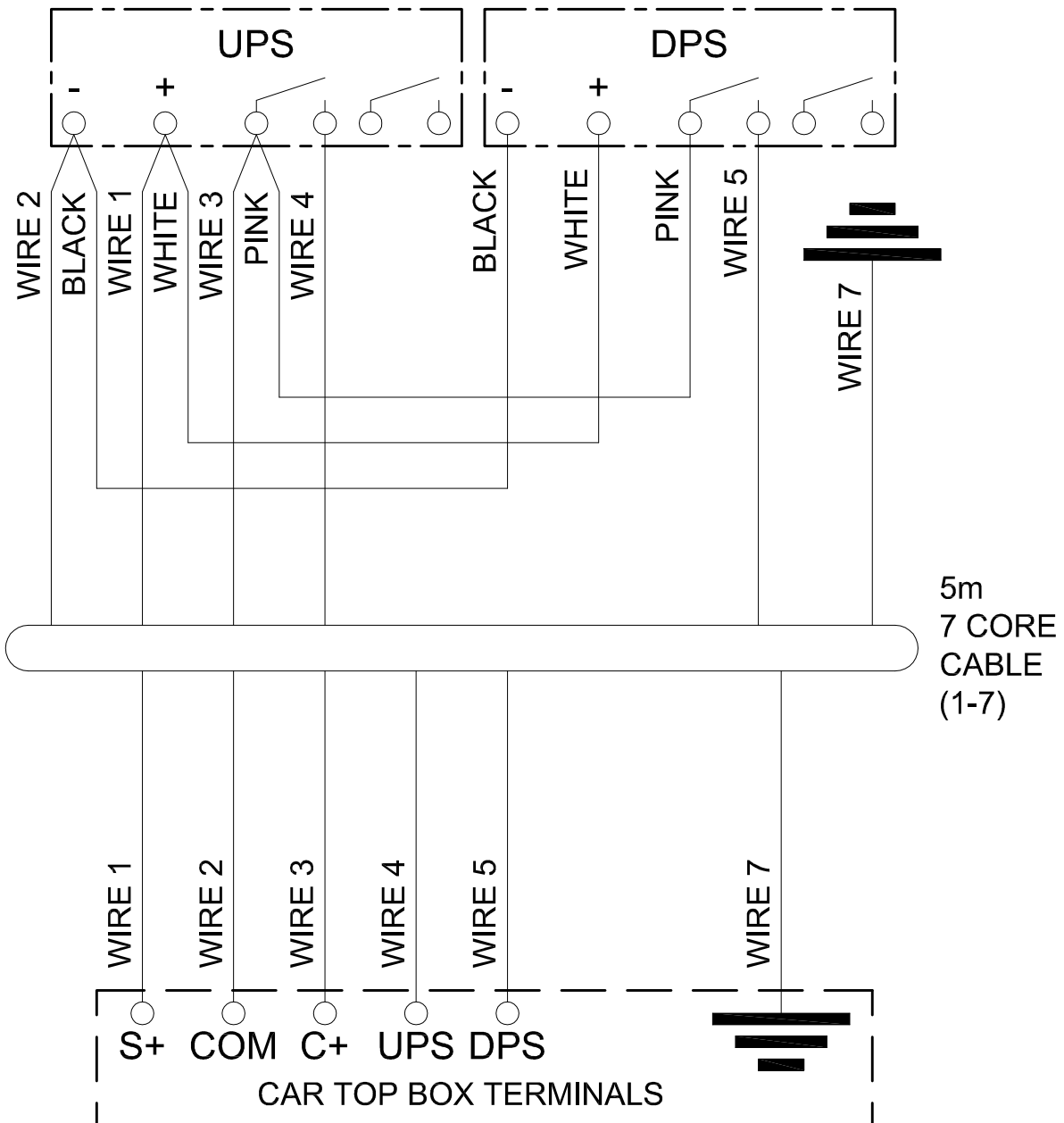
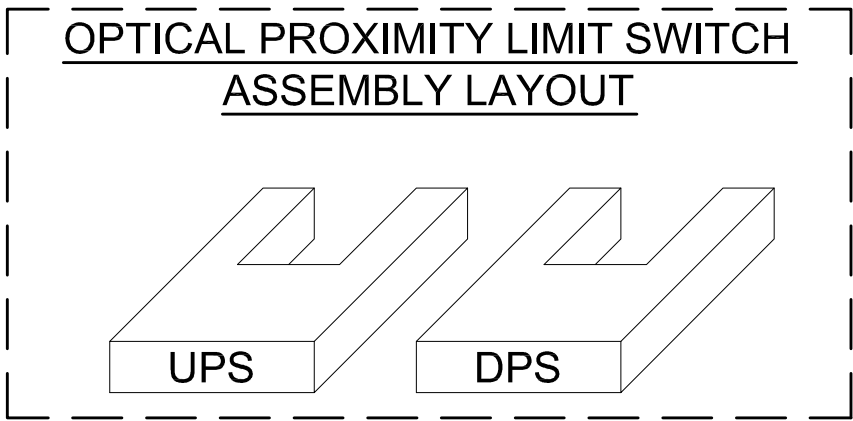
IMPORTANT NOTE:
 DPR FLOOR LEVEL VANES = 85mm.



IMPORTANT NOTE:
 THE VANE LAYOUT IS SHOWN AS THEY SHOULD BE FIXED TO THE ROPES IN RELATION TO THE FLOOR LEVELS
NOT AS THEY ARE SEEN BY THE OPS ASSEMBLY.

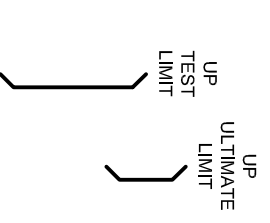
NAME:	D. CLARK	DATE:	30/08/02
CHECKED:	R. BAUGH	DATE:	30/08/02
NEXUS CAR WIRING - OPTICAL PROXIMITY SWITCH (OPS) ASSEMBLY VANE LAYOUT			
Stannah		HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942			
DRAWING NO: 9333/413			REV: E

REV E: UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ.
 REV D: DPR FLOOR LEVEL VANES REDUCED BY 30mm DUE TO DOOR SKATE REDUCTION. ECN L3901. 31/01/08 SAJ.
 REV C: RSU & RSD DIMENSIONS CHANGED TO REDUCE GAP FROM SLOWING VANE TO 10mm. 28/11/05 DC.
 REV B: DIMENSIONS 'A' FOR TOP & BOTTOM FLOOR CHANGED TO RELATE TO 'RSU' & 'RSD' VANES INSTEAD OF SLOWING VANES. 11/02/04 DC.
 REV A: VANE LENGTHS ADDED, VANES SHOWN AS FIXED TO ROPES & DIMENSIONS ADDED. 27/08/03 DC.

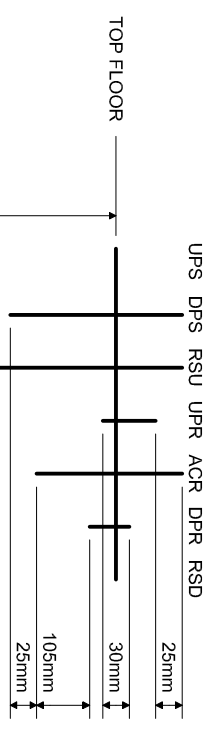


NAME: D. CLARK	DATE: 29/11/05
CHECKED: R. BAUGH	DATE: 29/11/05
LEXUS LV CAR WIRING - ADDITIONAL CAR TOP OPTICAL PROXIMITY SWITCH ASSEMBLY FOR SHORT FLOORS	
Stannah	
HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England	
Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/575	REV: B

REV B: UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ.
REV A: CABLE LENGTH ADDED. 'LINK' CABLES UPDATED TO SPECIFY COLOURS. 23/05/07 DC.

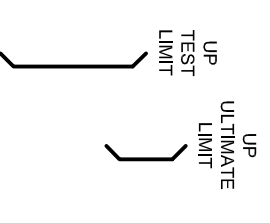


OPTION 3
SHORT FLOOR
TRAVEL TO THE TOP
OR BOTTOM FLOOR

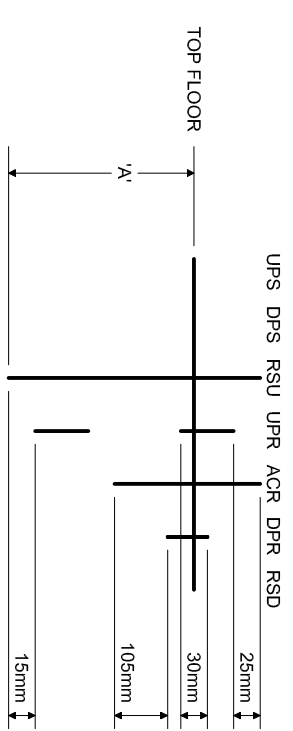


UP ULTIMATE LIMIT
THE UP ULTIMATE LIMIT SHOULD ACTIVATE WHEN THE LIFT CAR SILL IS 50-75mm ABOVE THE TOP FLOOR LANDING SILL.

UP TEST LIMIT
THE UP TEST LIMIT SHOULD ACTIVATE WHEN THE LIFT CAR SILL IS 1500mm BELOW THE TOP FLOOR LANDING SILL.

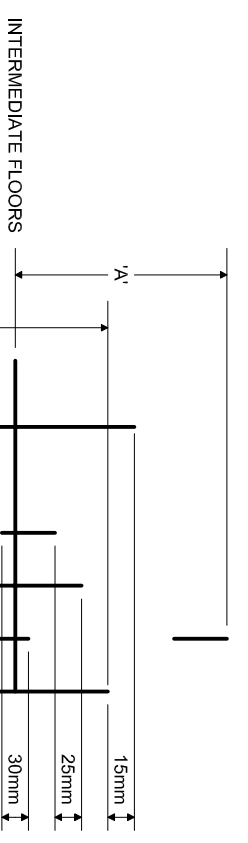
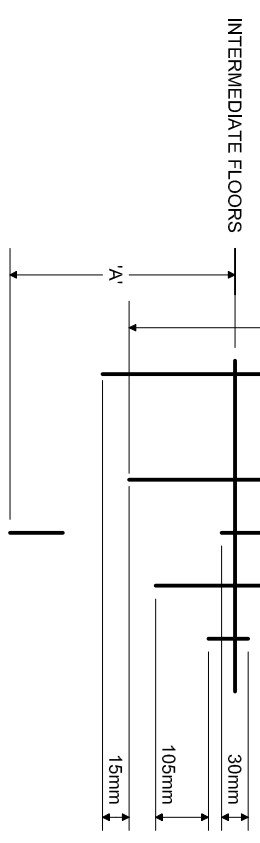


OPTION 4
SHORT FLOOR
TRAVEL BETWEEN
INTERMEDIATE
FLOORS



UP ULTIMATE LIMIT
THE UP ULTIMATE LIMIT SHOULD ACTIVATE WHEN THE LIFT CAR SILL IS 50-75mm ABOVE THE TOP FLOOR LANDING SILL.

UP TEST LIMIT
THE UP TEST LIMIT SHOULD ACTIVATE WHEN THE LIFT CAR SILL IS 1500mm BELOW THE TOP FLOOR LANDING SILL.



DIMENSION 'A' IS RELATIVE TO THE LIFT SPEED. THE NOMINAL DIMENSIONS ARE:

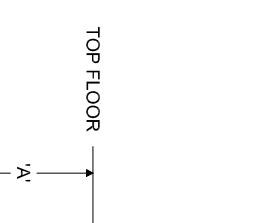
- 0.16m/s, A = 350mm
- 0.30m/s, A = 600mm
- 0.40m/s, A = 800mm
- 0.50m/s, A = 1000mm
- 0.63m/s, A = 1200mm
- 0.93m/s, A = 1800mm

VANE LENGTHS

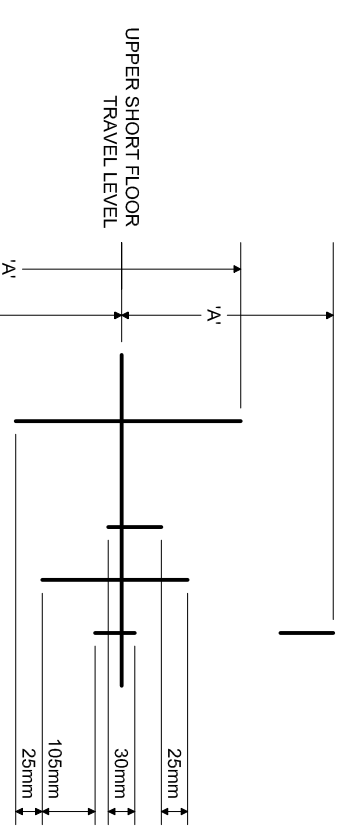
- ACR VANES = 300mm
- UPR VANES = 115mm
- DPR SLOWING VANES = 115mm
- DPR FLOOR LEVEL VANES = 85mm
- RSU VANES = 1000mm
- RSD VANES = 1000mm
- UPS VANES = 1000mm
- DPS VANES = 1000mm
- RSU, RSD, UPS & DPS VANES SHOULD BE CUT TO LENGTH AS REQUIRED

IMPORTANT NOTE:
THE VANE LAYOUT IS SHOWN AS THEY SHOULD BE FIXED TO THE ROPES IN RELATION TO THE FLOOR LEVELS
NOT AS THEY ARE SEEN BY THE OPS ASSEMBLY.

IMPORTANT NOTE:
DPR FLOOR LEVEL VANES = 85mm.



OPTION 4
SHORT FLOOR
TRAVEL BETWEEN
INTERMEDIATE
FLOORS



UP ULTIMATE LIMIT
THE UP ULTIMATE LIMIT SHOULD ACTIVATE WHEN THE LIFT CAR SILL IS 50-75mm ABOVE THE TOP FLOOR LANDING SILL.

UP TEST LIMIT
THE UP TEST LIMIT SHOULD ACTIVATE WHEN THE LIFT CAR SILL IS 1500mm BELOW THE TOP FLOOR LANDING SILL.

DIMENSION 'A' IS RELATIVE TO THE LIFT SPEED. THE NOMINAL DIMENSIONS ARE:

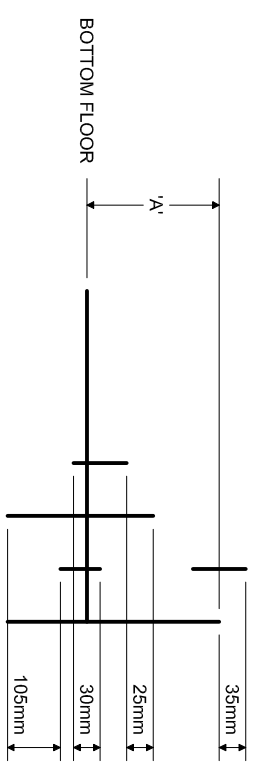
- 0.16m/s, A = 350mm
- 0.30m/s, A = 600mm
- 0.40m/s, A = 800mm
- 0.50m/s, A = 1000mm
- 0.63m/s, A = 1200mm
- 0.93m/s, A = 1800mm

VANE LENGTHS

- ACR VANES = 300mm
- UPR VANES = 115mm
- DPR SLOWING VANES = 115mm
- DPR FLOOR LEVEL VANES = 85mm
- RSU VANES = 1000mm
- RSD VANES = 1000mm
- UPS VANES = 1000mm
- DPS VANES = 1000mm
- RSU, RSD, UPS & DPS VANES SHOULD BE CUT TO LENGTH AS REQUIRED

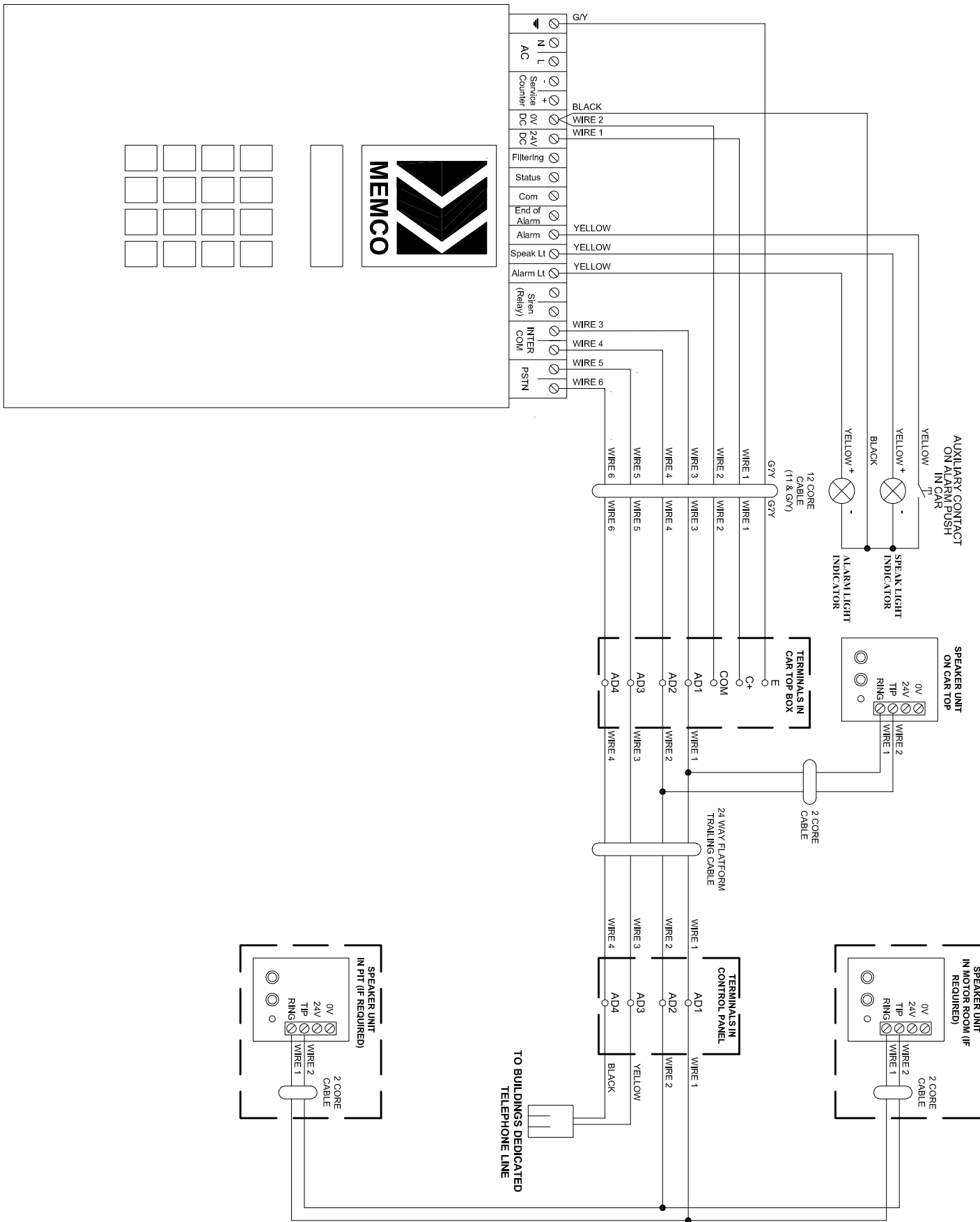
IMPORTANT NOTE:
THE VANE LAYOUT IS SHOWN AS THEY SHOULD BE FIXED TO THE ROPES IN RELATION TO THE FLOOR LEVELS
NOT AS THEY ARE SEEN BY THE OPS ASSEMBLY.

IMPORTANT NOTE:
DPR FLOOR LEVEL VANES = 85mm.



REV F: UPDATED FOR NEW LOGO AND TEXT FONT. 29/07/10 SAJ.
REV E: DPR FLOOR LEVEL VANES REDUCED BY 30mm DUE TO DOOR SKATE REDUCTION. ECN L3901. 31/01/08. SAJ.
REV D: RSU & RSD DIMENSIONS CHANGED TO ACTIVATE SLOWING CIRCUITRY. 20/02/06 DC.
REV C: OPTION 4, TOP & BOTTOM FLOOR DIMENSION 'A' CHANGED TO RELATE TO 'RSU' & 'RSD' VANES INSTEAD OF THE SLOWING VANE. 11/02/04 DC.
REV B: VANE LENGTHS ADDED, VANES SHOWN AS FIXED TO ROPES & DIMENSIONS ADDED. 27/08/03 DC.
REV A: OPTION 4 UPS & DPS VANES MOVED TO CORRECT ALIGNMENT. 28/11/02 DC.

NAME: D. CLARK	DATE: 04/09/02
CHECKED: R. BAUGH	DATE: 04/09/02
NEXUS CAR WIRING - SHORT FLOOR TRAVEL OPS ASSEMBLY VANE LAYOUT	
Stannah Anton Mill Andover Hampshire SP10 2NX England Tel: 01264 339090 Fax: 337942	
DRAWING NO: 9333/414	REV: F



REV F: UPDATED FOR NEW LOGO AND FONT TEXT. 29/07/10 SAJ.
 REV E: MOTOR ROOM SPEAKER OPTION ADDED. 01/07/10 SAJ.
 REV D: 7 CORE CABLE CHANGED TO 12 CORE TO INCLUDE EARTH CONNECTION. 'CF' CHANGED TO 'C+' TO ALLOW POWER ON TEST CONTROL. 04/12/09 SAJ
 REV C: 240V FEED REMOVED, UNIT NOW FED FROM 24VDC AND 5 CORE CABLE REPLACED WITH 7 CORE. PIT OPTION ADDED 12/02/08 SAJ
 REV B: TELEPHONE WIRE COLOURS ADDED. 04/02/08 SAJ
 REV A: UNIT CONNECTION DETAILS IN CAR TOP ADDED. 02/02/08 SAJ

NAME: J. NICHOLLS	DATE: 08/01/09
CHECKED: S. JACKSON	DATE: 08/01/09
NEXUS LV - MEMCOM AUTODIAL SYSTEM	
Stannah	HEAD OFFICE: Anton Mill Andover Hampshire SP10 2NX England
	Tel: 01264 339090 Fax: 337942
DRAWING NO: 9333/721	REV: F