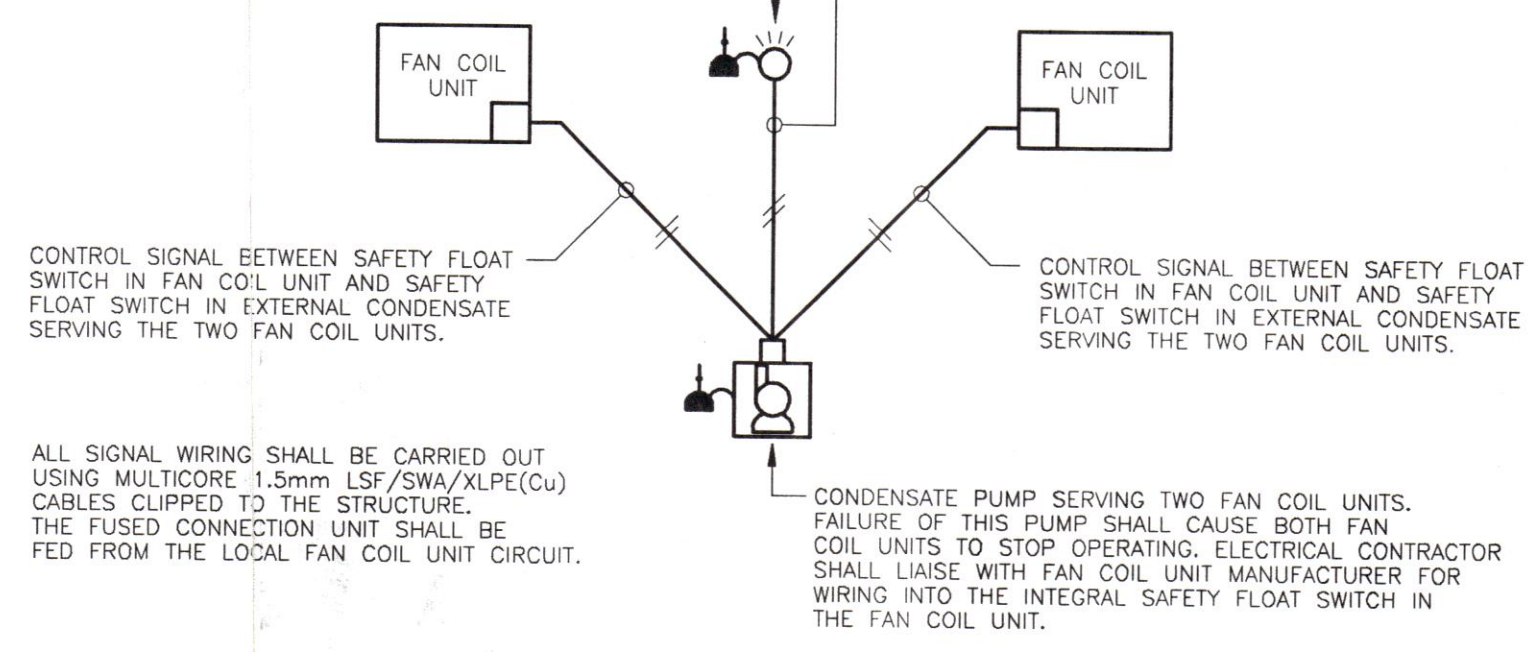
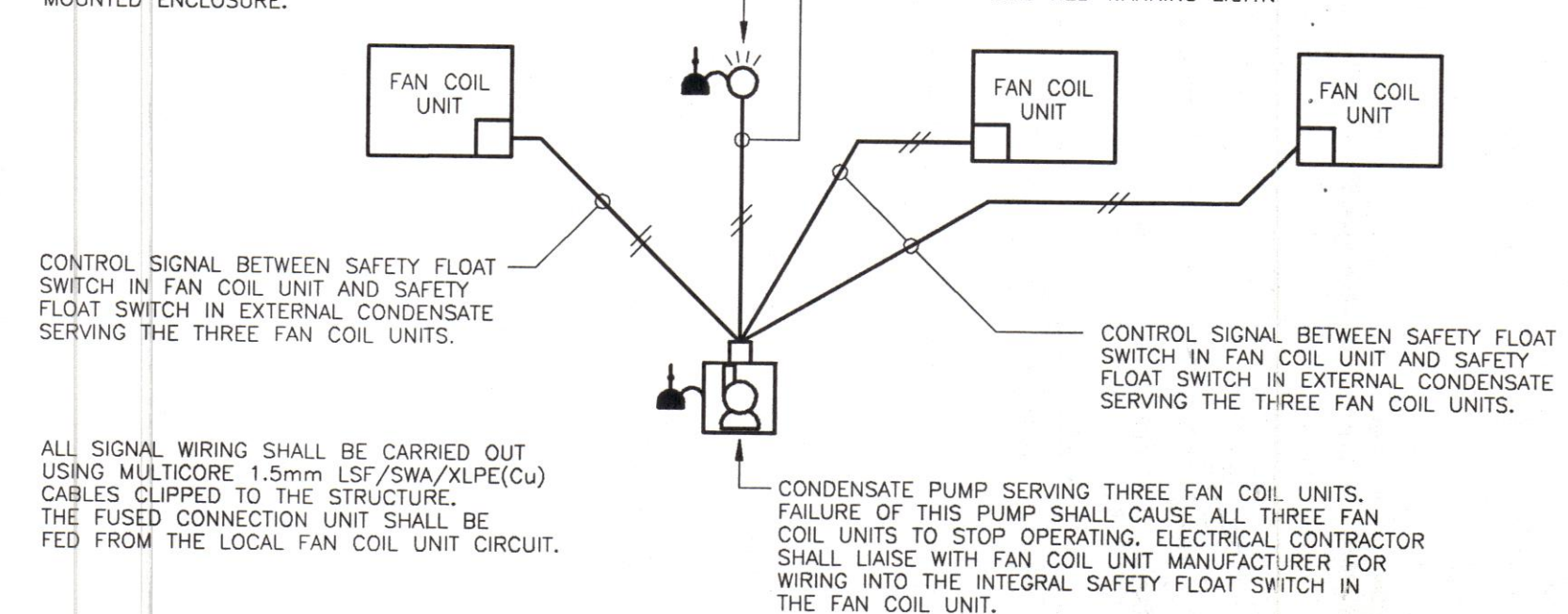


WARNING LIGHT SHALL OPERATE ON FAILURE OF EXTERNAL CONDENSATE PUMP SERVING THE TWO FAN COIL UNITS ONLY. THE WARNING LIGHT SHALL BE LOCATED ADJACENT CONTROLLERS AS SHOWN ON DRG. 4237/1-3. A TRAFFOLYTE LABEL SHALL BE FIXED BELOW THE WARNING LIGHT ENGRAVED AS FOLLOWS:
WARNING:
 AIR CONDITIONING FAILURE. PLEASE CONTACT YOUR SERVICE ENGINEER.
 WARNING LIGHT TO BE AS CRABTREE 240V A.C. PILOT LIGHT WITH YELLOW LENSE AND FLUSH MOUNTED ENCLOSURE.



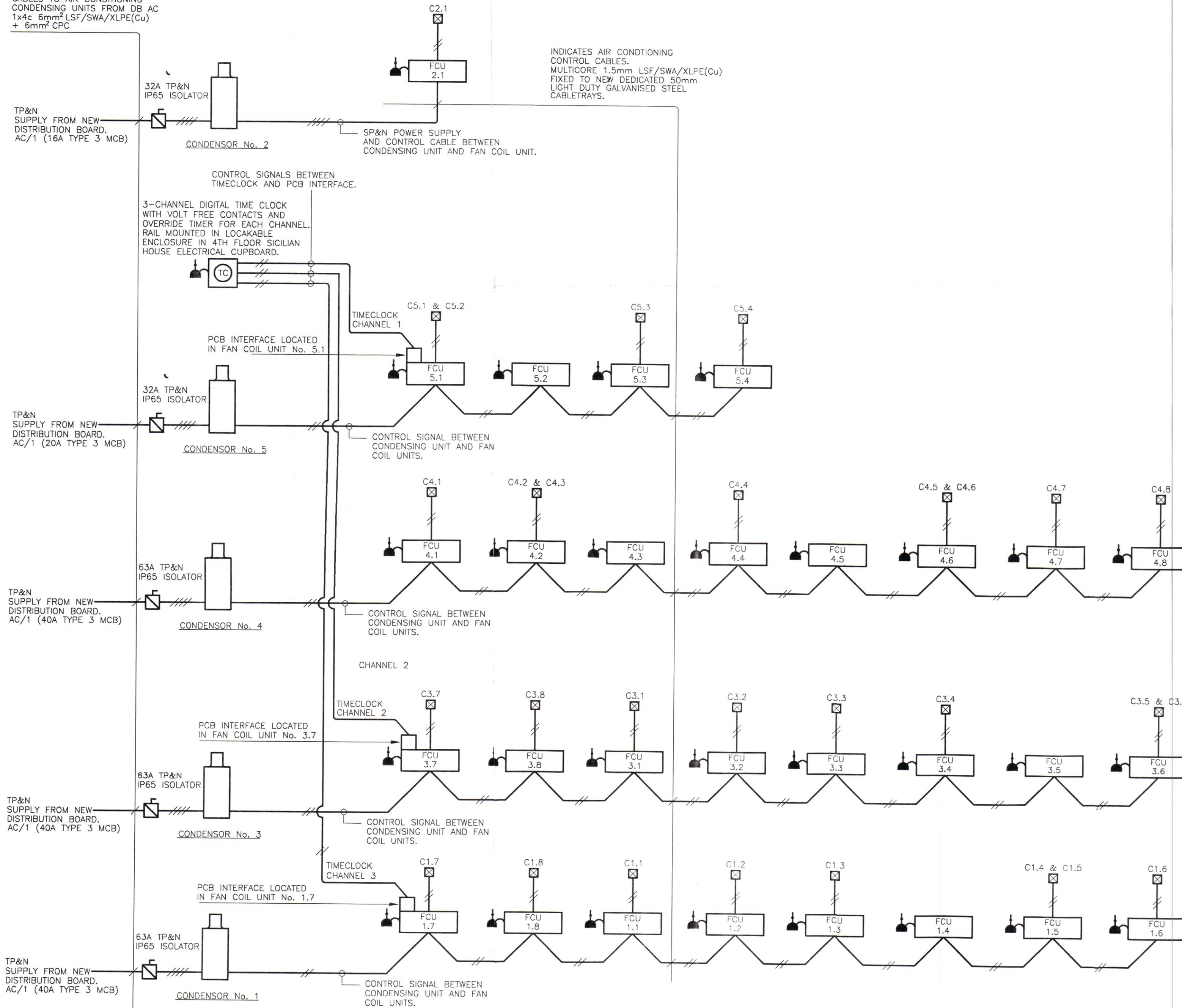
TYPICAL POWER AND CONTROL WIRING SCHEMATIC FOR CONDENSATE PUMPS CONNECTED TO 2 No. FAN COIL UNITS.

WARNING LIGHT SHALL OPERATE ON FAILURE OF EXTERNAL CONDENSATE PUMP SERVING THE THREE FAN COIL UNITS ONLY. THE WARNING LIGHT SHALL BE LOCATED ADJACENT CONTROLLERS AS SHOWN ON DRG. 4237/1-3. A TRAFFOLYTE LABEL SHALL BE FIXED BELOW THE WARNING LIGHT ENGRAVED AS FOLLOWS:
WARNING:
 AIR CONDITIONING FAILURE. PLEASE CONTACT YOUR SERVICE ENGINEER.
 WARNING LIGHT TO BE AS CRABTREE 240V A.C. PILOT LIGHT WITH YELLOW LENSE AND FLUSH MOUNTED ENCLOSURE.



TYPICAL POWER AND CONTROL WIRING SCHEMATIC FOR CONDENSATE PUMPS CONNECTED TO 3 No. FAN COIL UNITS.

INDICATES NEW SUB-MAIN CABLES TO AIR CONDITIONING CONDENSING UNITS FROM DB AC 1x4c 6mm² LSF/SWA/XLPE(Cu) + 6mm² CPC



WIRING SCHEMATIC FOR CONDENSATORS AND FAN COIL UNITS.

INDICATES NEW SUB-MAIN CABLES TO 3RD AND 4TH FLOOR DISTRIBUTION BOARDS. 1x2c 25mm² LSF/SWA/XLPE(Cu) + 25mm² CPC

INDICATES NEW SUB-MAIN CABLES TO AIR CONDITIONING DISTRIBUTION BOARDS. REF AC. 1x4c 25mm² LSF/SWA/XLPE(Cu) + 25mm² CPC

INDICATES NEW MEM MEMSHIELD 15 WAY TYPE A SP&N DISTRIBUTION BOARD IN SICILIAN HOUSE 3RD FLOOR ELECTRICAL CUPBOARD. REF SH3

INDICATES NEW MEM MEMSHIELD 15 WAY TYPE A SP&N DISTRIBUTION BOARD IN SICILIAN HOUSE 4TH FLOOR ELECTRICAL CUPBOARD. REF SH4

INDICATES NEW MEM MEMSHIELD 15 WAY TYPE A SP&N DISTRIBUTION BOARD IN VERNON HOUSE 4TH FLOOR ELECTRICAL CUPBOARD. REF VH4

INDICATES EXISTING LEB RYEFIELD DISTRIBUTION BOARD IN BASEMENT SWITCHROOM

INDICATES EXISTING LONDON ELECTRICITY INCOMING SUPPLY AND CUT OUT FUSES TO BE UPGRATED TO 400A TP&N

DISTRIBUTION SCHEMATIC

LEGEND

- FCU 4.8 INDICATES FAN COIL UNIT (No. 4.8)
- INDICATES CABLE OF TYPE AND NUMBER CORES AS INDICATES. (C.P.C.'S OMITTED CLARITY)
- INDICATES SWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET LOCATED IN VOID ADJACENT FAN COIL UNIT. FED FROM A NEW DEDICATED CIRCUIT IN LOCAL LIGHTING AND POWER DISTRIBUTION BOARD VIA 2c 2.5mm LSF/SWA/XLPE(Cu) CABLE CLIPPED TO THE STRUCTURE AND WIRED AS A RING CIRCUIT. MK METALCLAD TYPE WITH NEON INDICATOR.
- INDICATES LOCAL ISOLATOR. NUMBER OF POLES AND RATING AS NOTED. IP65 TYPES WHEN INSTALLED EXTERNALLY. FROM MK COMMANDO RANGE.

NOTES

1. ALL EQUIPMENT SHALL BE WIRED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
2. ELECTRICAL CONTRACTOR SHALL SUPPLY AN ELECTRICAL SCHEMATIC DIAGRAM FOR THE CONDENSATE PUMP ARRANGEMENT FOR COMMENT BY CONSULTING ENGINEER PRIOR TO WORKS COMMENCING.
3. A LABEL SHALL BE FIXED BENEATH THE TIME CLOCK BY THE MECHANICAL ENGINEER AND INSCRIBED AS DETAILED IN THE MECHANICAL SPECIFICATION.
4. THE DETAILS SHOWN ON THIS DRAWING ARE FOR TENDER PURPOSES ONLY. THE ELECTRICAL CONTRACTOR SHALL LIAISE WITH THE MECHANICAL CONTRACTOR TO DETERMINE THE EXACT REQUIREMENTS FOR ALL ITEMS OF EQUIPMENT PRIOR TO COMMENCING WORKS ON SITE. FULL DETAILS SHALL BE SHOWN ON THE ELECTRICAL CONTRACTORS WORKING DRAWINGS.
5. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE OTHER ELECTRICAL SERVICES DRAWINGS AND THE ELECTRICAL SPECIFICATION.

REV	DATE	DESCRIPTION	ALT	DO	ORC	APP

T. G. ARMSTRONG & PARTNERS
CONSULTING ENGINEERS

Durham City Tel: 0191 386 2314
 Stevenage Tel: 01438 314422

Title
 ELECTRICAL ENGINEERING SERVICES
 SCHEMATIC DRAWINGS

Project
 PSA WHOLESALE LTD
 SICILIAN AVENUE
 LONDON, WC1

Architect
 BULLEN CONSULTANTS

Client
 BULLEN CONSULTANTS

Drawing Number
 4238/11

Revision
 A1 N.T.S.
 A3 N.T.S.
 A4 N.T.S.

Scale
 A1 N.T.S.
 A3 N.T.S.
 A4 N.T.S.

Path
 G:\GJC\4238\CURRENT\4238-11.DWG

Traced
 DO Check
 Originator
 Approved

Date
 JANUARY '99

Status

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