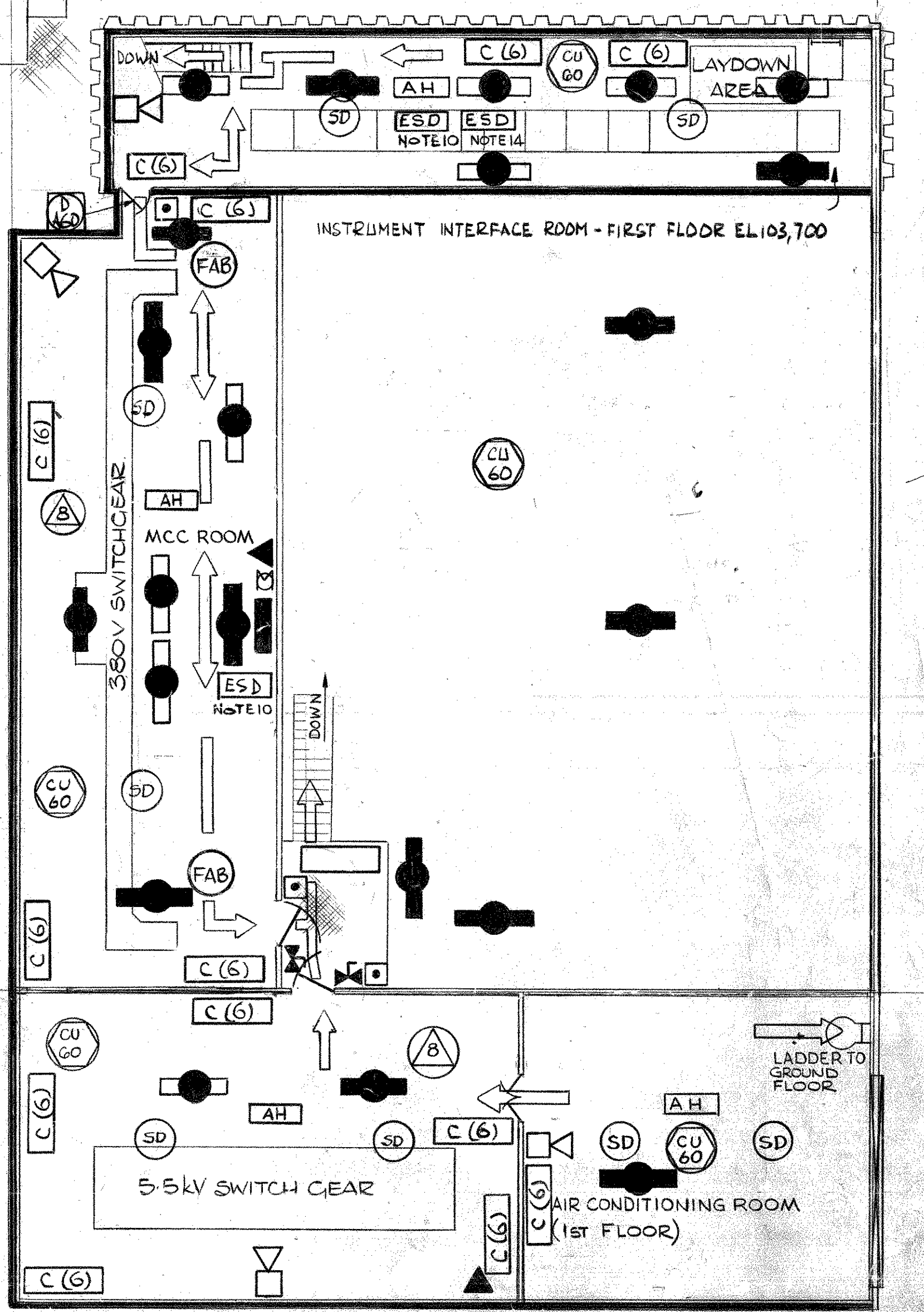
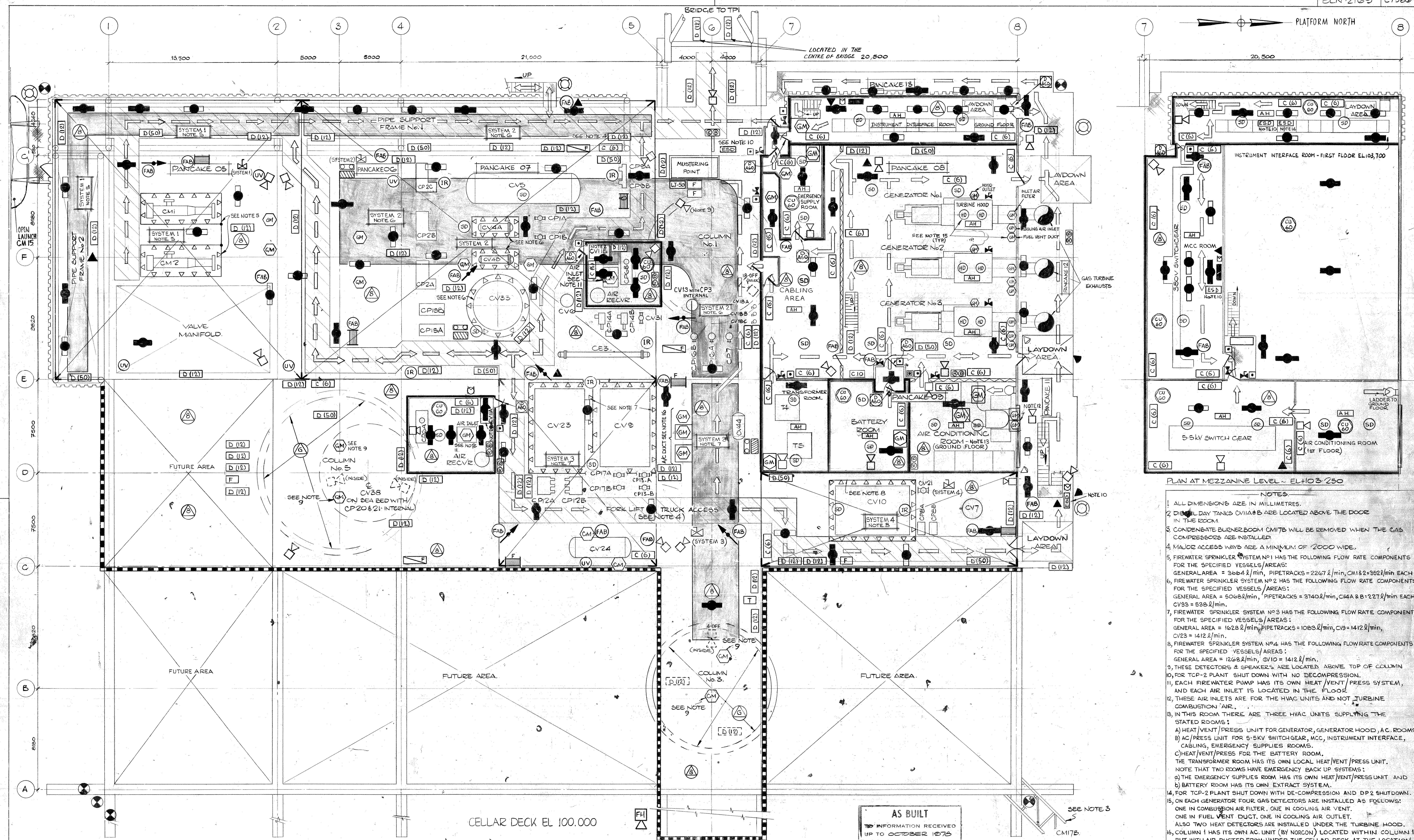




- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETRES.
 - DECK DAY TANKS CV11A & B ARE LOCATED ABOVE THE DOOR IN THE ROOM.
 - CONDENSATE BURNER ROOM CM17B WILL BE REMOVED WHEN THE GAS COMPRESSORS ARE INSTALLED.
 - MAJOR ACCESS WAYS ARE A MINIMUM OF 2000 WIDE.
 - FIREWATER SPRINKLER SYSTEM NO.1 HAS THE FOLLOWING FLOW RATE COMPONENTS FOR THE SPECIFIED VESSELS/AREAS:
GENERAL AREA = 34684 l/min, PIPETRACKS = 2267 l/min, CM18 & 2 = 352 l/min EACH.
 - FIREWATER SPRINKLER SYSTEM NO.2 HAS THE FOLLOWING FLOW RATE COMPONENTS FOR THE SPECIFIED VESSELS/AREAS:
GENERAL AREA = 50682 l/min, PIPETRACKS = 3140 l/min, CM4A & B = 227 l/min EACH, CV33 = 538 l/min.
 - FIREWATER SPRINKLER SYSTEM NO.3 HAS THE FOLLOWING FLOW RATE COMPONENTS FOR THE SPECIFIED VESSELS/AREAS:
GENERAL AREA = 16282 l/min, PIPETRACKS = 1083 l/min, CV3 = 1412 l/min, CV23 = 1412 l/min.
 - FIREWATER SPRINKLER SYSTEM NO.4 HAS THE FOLLOWING FLOW RATE COMPONENTS FOR THE SPECIFIED VESSELS/AREAS:
GENERAL AREA = 12682 l/min, CV10 = 1412 l/min.
 - THESE DETECTORS & SPEAKERS ARE LOCATED ABOVE TOP OF COLUMN 10, FOR TCP-2 PLANT SHUT DOWN WITH NO DECOMPRESSION.
 - EACH FIREWATER PUMP HAS ITS OWN HEAT/VENT/PRESS SYSTEM, AND EACH AIR INLET IS LOCATED IN THE FLOOR.
 - THESE AIR INLETS ARE FOR THE HVAC UNITS AND NOT TURBINE COMBUSTION AIR.
 - IN THIS ROOM THERE ARE THREE HVAC UNITS SUPPLYING THE STATED ROOMS:
A) HEAT/VENT/PRESS UNIT FOR GENERATOR, GENERATOR HOOD, A.C. ROOMS
B) AC/PRESS UNIT FOR 5-SKV SWITCHGEAR, MCC, INSTRUMENT INTERFACE, CABLEING, EMERGENCY SUPPLIES ROOMS.
C) HEAT/VENT/PRESS FOR THE BATTERY ROOM.
THE TRANSFORMER ROOM HAS ITS OWN LOCAL HEAT/VENT/PRESS UNIT. NOTE THAT TWO ROOMS HAVE EMERGENCY BACK UP SYSTEMS:
a) THE EMERGENCY SUPPLIES ROOM HAS ITS OWN HEAT/VENT/PRESS UNIT.
b) BATTERY ROOM HAS ITS OWN EXTRACT SYSTEM.
 - FOR TCP-2 PLANT SHUT DOWN WITH DE-COMPRESSION AND DP2 SHUTDOWN.
 - ON EACH GENERATOR FOUR GAS DETECTORS ARE INSTALLED AS FOLLOWS:
ONE IN COMBUSTION AIR FILTER, ONE IN COOLING AIR VENT, ONE IN FUEL VENT DUCT, ONE IN COOLING AIR OUTLET.
ALSO TWO HEAT DETECTORS ARE INSTALLED UNDER THE TURBINE HOOD.
 - COLUMN 1 HAS ITS OWN AC UNIT (BY NORCON) LOCATED WITHIN COLUMN 1, BUT WITH AIR DUCTED FROM UNDER THE CELLAR DECK AT THE LOCATION SHOWN.

EQUIPMENT No.	DESCRIPTION	LOCATION	EQUIPMENT No.	DESCRIPTION	LOCATION	EQUIPMENT No.	DESCRIPTION	LOCATION	EQUIPMENT No.	DESCRIPTION	LOCATION
CV4A & B	COALESCE	PANCAKE 07	CV24	H.P. RELIEF SCRUBBER	STEEL FLOOR AREA	CP2A & B	SLOPS OIL PUMPS	PANCAKE 07	CQ3	TURBINE GENERATOR PACKAGE	PANCAKE 08 & 09
CV5	OIL SKIMMER	PANCAKE 07	CV31	GLYCOL CHARCOAL FILTER	PANCAKE 07	CP15A & B	CONDENSATE RECYCLE PUMPS	PANCAKE 07	CQ12A & B	FIRE PUMP HOUSE VENT/ PACKAGE	STEEL FLOOR AREA 7
CV6	FUEL GAS SCRUBBER	PANCAKE 07	CV33	CONDENSATE RECYCLE TANK	PANCAKE 07	CP12A & B	METHANOL INJECTION PUMPS	PANCAKE 07	CM1	20" PIC RECEIVER (GAS FROM DP2)	PANCAKE 05
CV7	L.P. VENT SCRUBBER	PANCAKE 09	CV38	CONDENSATE STORAGE TANK	COLUMN No. 5	CP13A & B	GLYCOL FILL PUMPS	STEEL FLOOR AREA	CM2	20" PIC RECEIVER (GAS FROM DP2)	PANCAKE 05
CV9	GLYCOL STORAGE TANK	STEEL FLOOR AREA	CP1A & B	CONDENSATE BOOSTER PUMPS	PANCAKE 07	CP14A & B	GLYCOL INJECTION PUMPS	PANCAKE 07	CM4	20" PIC RECEIVER (FROM HEIMDALL)	FUTURE
CV10	DIESEL STORAGE TANK	PANCAKE 05	CP2A & B	CONDENSATE RETURN PUMPS	PANCAKE 07	CP16A & B	WATER CURTAIN PUMPS	STEEL FLOOR AREA	CM5	18" PIC RECEIVER (FROM EAST FRIGO)	FUTURE
CV11A & B	DIESEL DAY TANK	STEEL FLOOR AREA	CP3	SUMP PUMP	WITHIN CV18	CP17A & B	METHANOL TRANSFER PUMPS	STEEL FLOOR AREA	CM15	OPEN LABINCH	WALKWAY (PANCAKE 11)
CV13	SUMP CAISSON	COLUMN No. 1	CP6A & B	FIREWATER PUMPS	STEEL FLOOR AREA	CP20	CONDENSATE STORAGE PUMP	COLUMN No. 5	CM17B	CONDENSATE BURNER BOOM	PANCAKE 07
CV21	DIESEL FILTER	PANCAKE 09	CP7	WASHDOWN PUMP	STEEL FLOOR AREA	CP21	OILY WATER PUMP	COLUMN No. 5	CE3	FUEL GAS EXCHANGER	PANCAKE 07
CV23	METHANOL STORAGE TANK	STEEL FLOOR AREA	CP5A & B	DIESEL PUMPS	PANCAKE 09	CP44	AIR RECEIVER (GEN. PACKAGE)	PANCAKE 09	CV18A & B	TURBINE GAS DEMISTERS	STEEL FLOOR AREA

NO.	BY	DATE	REVISIONS
1	RDG	15.9.78	IF No. ADDED
2	SA	19.78	AS BUILT STAMP ADDED
3	SA	17.78	REVISED DRAWING HERE TO LATEST AS BUILT INFORMATION
4	SA	17.78	REVISED AS BUILT

NO.	BY	DATE	REVISIONS
1	SA	17.78	AS BUILT
2	SA	17.78	AS BUILT
3	SA	17.78	AS BUILT
4	SA	17.78	AS BUILT

KEY PLAN

ELF - NORGE FRIGG FIELD

TREATMENT / COMPRESSION PLATFORM No.2

McDERMOTT - HUDSON

LONDON - ENGLAND

APPROVED: J. B. 12.08.77

DATE: 12.08.77

SCALE: 1:100

DATE: 26 JAN 1978

DWG. NO.: ELN 2163

SHEET NO.: C7386

JOB: I-40-E2

WD: 104-M

FILE & SAFETY: I-40-E2-06-0048