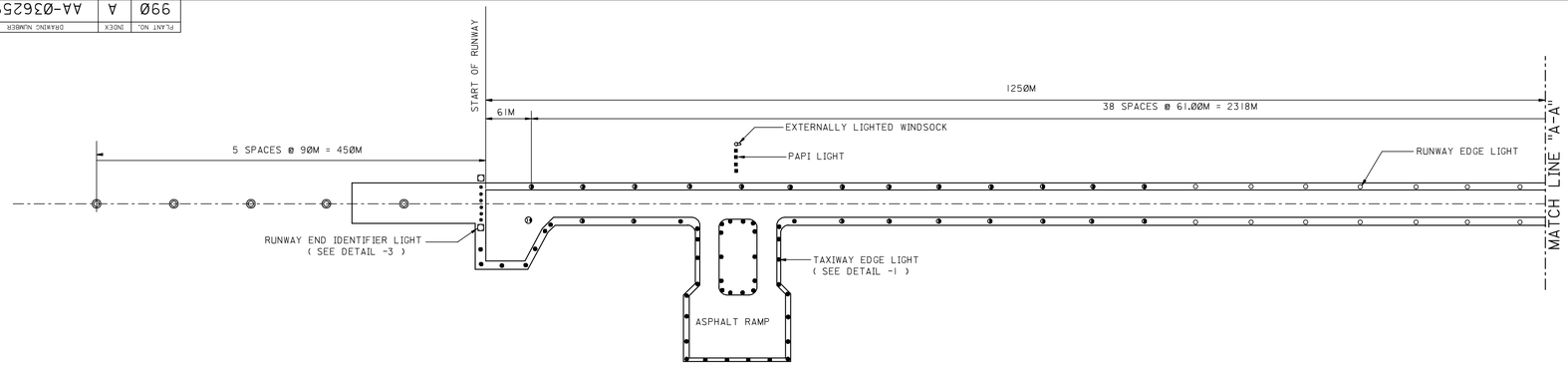
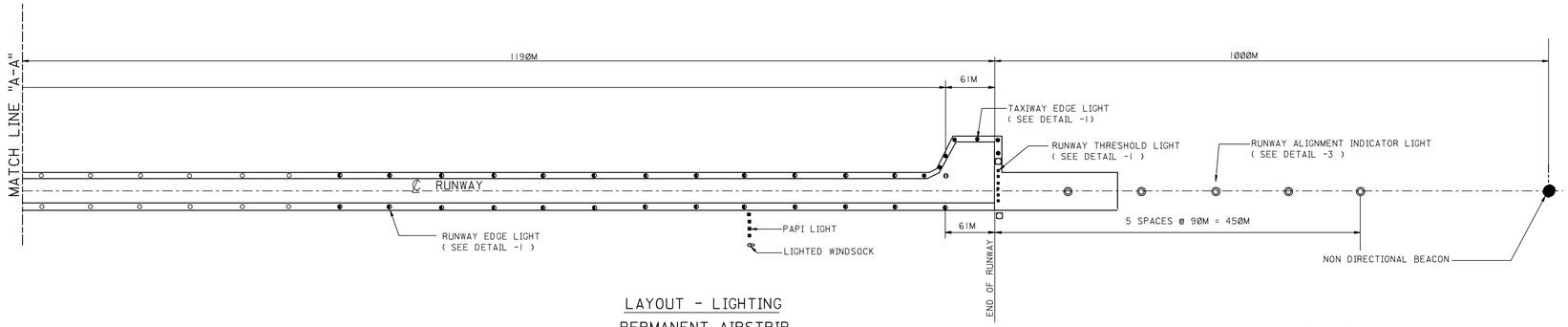
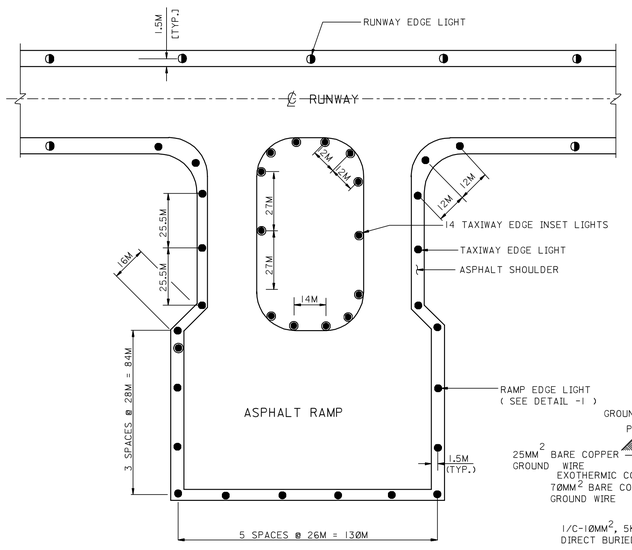
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	A	AA-036259	001	06

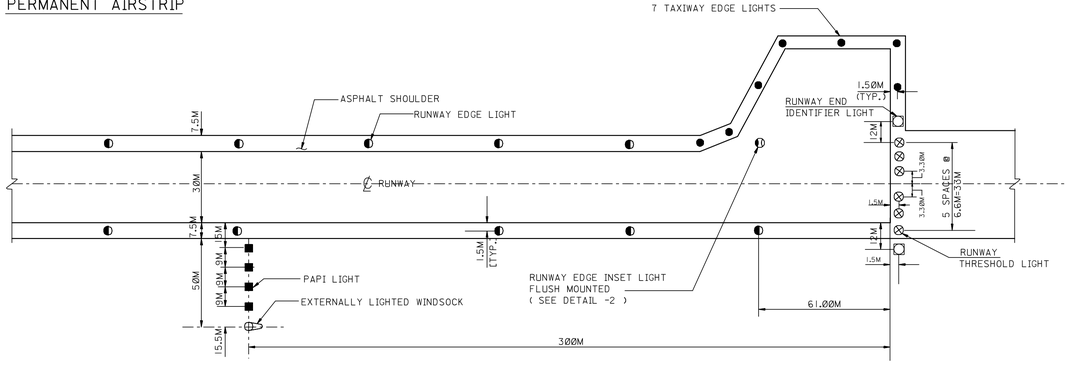




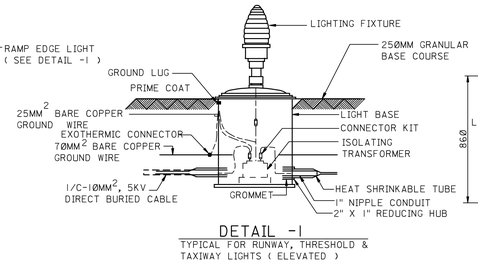
LAYOUT - LIGHTING PERMANENT AIRSTRIP



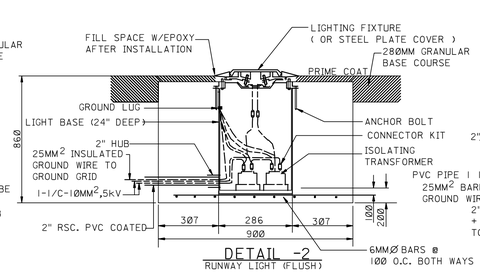
TAXIWAY & RAMP LIGHTING DETAILS



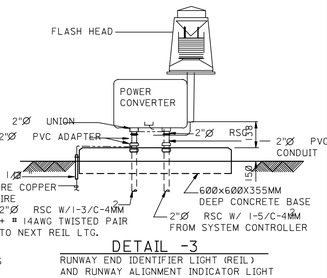
RUNWAY END LIGHTING DETAILS



DETAIL -1
TYPICAL FOR RUNWAY, THRESHOLD & TAXIWAY LIGHTS (ELEVATED)



DETAIL -2
RUNWAY LIGHT (FLUSH)



DETAIL -3
RUNWAY END IDENTIFIER LIGHT (REIL) AND RUNWAY ALIGNMENT INDICATOR LIGHT

NOTES:

1. ALL CABLES SHALL BE XLPE INSULATED, PVC SHEATHED, DIRECT BURIED TYPE UNLESS OTHERWISE INDICATED.
2. GROUND RODS SHALL BE SPACED AT 300 METERS.
3. ALL UNDERGROUND CABLE/CONDUIT INSTALLATION SHALL BE DONE IN ACCORDANCE WITH STANDARD DRAWING AB-036874.
4. FOR CABLE/CONDUIT SURFACE MARKER, REFER TO STANDARD DWG. AB-036273.
5. ALL ELECTRICAL INSTALLATION MUST CONFORM TO THE LATEST NEC REGULATIONS AND APPLICABLE ARAMCO STANDARDS.
6. INSTALL 150mm UTILITY CONDUITS -2 NOS.600MM BELOW GROUND SURFACE UNDER THE RUNWAY AS PER STANDARD DRAWING AA-036257.
7. TO IDENTIFY UNDERGROUND ELECTRICAL CABLES, SURFACE MOUNTED CONCRETE MARKER BLOCKS SHALL BE INSTALLED AS PER STD. DWG. AB-036273.
8. ALL LIGHTING FIXTURES AND MANUFACTURES SHALL BE APPROVED BYAVIATION DEPARTMENT TO ENSURE THAT THESE ARE COMPATABLE WITH THE LIGHTING FIXTURES IN USE AND AVAILABLE IN THE SAUDI ARAMCO SYSTEM.
9. AVIATION DEPARTMENT HAS THE RIGHT TO CHANGE OR DELETE THE ABOVE NOTES ACCORDING TO EACH INDIVIDUAL PROJECT.

LEGEND

- ○ RUNWAY EDGE LIGHTS, ELEVATED, BIDIRECTIONAL CLEAR, 45W ADB .
- ⊗ THRESHOLD AND RUNWAY END LIGHTS, ELEVATED BIDIRECTIONAL GREEN/RED, 45W, ADB .
- ● TAXIWAY EDGE ELEVATED LIGHTS, OMNIDIRECTIONAL, BLUE, 45W, ADB .
- ◎ RUNWAY ALIGNMENT INDICATOR LIGHTS (REIL/ODALS) WHITE, 60W, LAMP SEQUENCED FLASHING ONE CYCLE PER SECOND, FLASH TECHNOLOGY
- □ RUNWAY END INDICATOR LIGHTS (REIL/ODALS) WHITE, 60W LAMP FLASH SIMULTANEOUSLY AT ONE CYCLE PER SECOND, FLASH TECHNOLOGY
- ⊂ EXTERNALLY LIGHTED WINDCONE ASSEMBLY, ADB
- ■ PRECISION APPROACH PATH INDICATOR (PAPI) ADB
- ◑ RUNWAY EDGE LIGHTS, ELEVATED, CLEAR/YELLOW, 45W, ADB .
- ⓘ RUNWAY EDGE INSET LIGHTS, FLUSH-MOUNTED BIDIRECTIONAL CLEAR/YELLOW 2X45W, ADB .
- ◉ TAXIWAY EDGE INSET LIGHTS, OMNIDIRCTIONAL, BLUE, 45W, ADB .

REFERENCE DRAWING

PERMANENT AIRSTRIP PLAN, SECTION &DETAILS	AA-036257
WINDSOCK POLE ON-SHORE HELIPAD OR AIRSTRIP,DETS, STRUCT, & ELECT.	AA-036247
AIRCRAFT REFUELING FACILITY JET A-1, PLAN & DETAILS	AA-036239
AIRPLANE RAMP AND TAXIWAY PLAN, SECTION & DETAILS	AA-036784
AIRSTRIP MARKING DETAIL RUNWAY, CLEARWAY, TAXIWAY AND RAMP	AA-036793

REV. NO.	DATE	BY	JO/EWO	DESCRIPTION	CHKD.	CERT.	APPD.
06	9/15/5	EDSO MSM		GENERAL REVISION	TPM	SMN	MHM
05	APR,98	AIR					

SAUDI ARABIAN OIL COMPANY

DRAWN BY THOMAS CHECKED BY SABRI NOOR SCALE: NONE
DATE STARTED ____ DATE COMPLETED ____
OPR'G. DEPT. ____ ENG. DEPT. ____
APP'D. FOR CONST. ____

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED

CERTIFIED BY ____ DATE ____

AIRSTRIP LIGHTING LAYOUT RUNWAY, TAXIWAY & RAMP

STD. DWG. SAUDI ARABIA

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Saudi Aramco 2615 ENG. (3/91)
CADD-02

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LEVEL =54

LEVEL =55

LEVEL =61

LEVEL =60

LEVEL =62