

## Appendix 2

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### INDEX of STANDARD DRAWINGS

Runway 16-34, Taxi A, And Roads  
Rehabilitation.

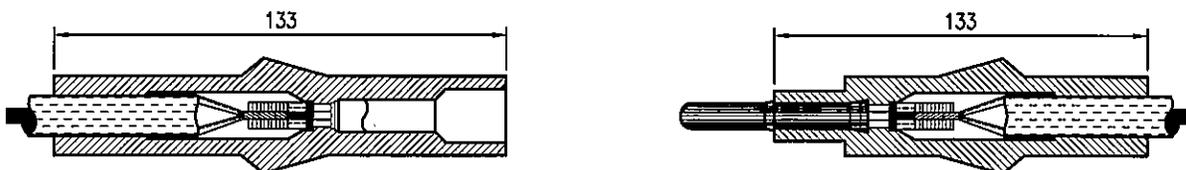
Penticton Airport

Penticton, British Columbia.

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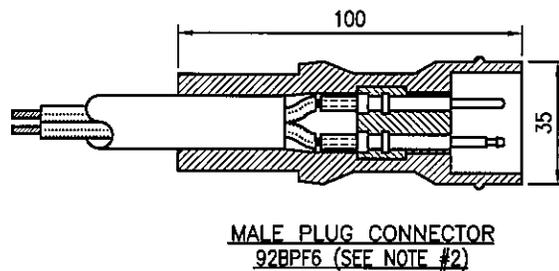
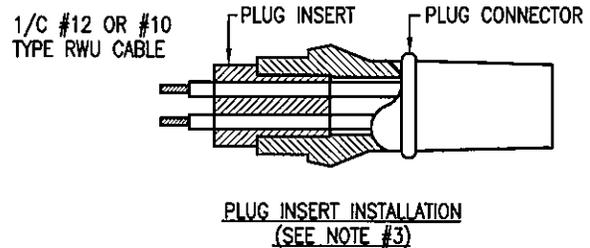
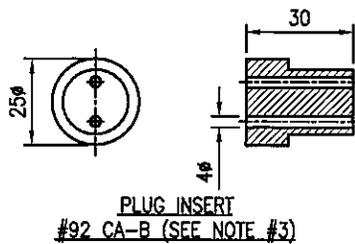
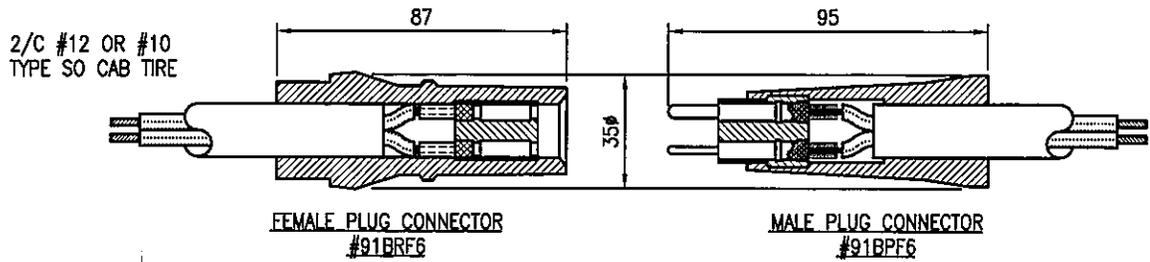
STRAIGHT PLUG CONNECTOR

AMERACE CATALOGUE NUMBERS				
CONNECTOR	APPLICATION	KIT CONTENT	FOR CABLE WITH WHITE TRACER	FOR CABLE WITH YELLOW TRACER
STRAIGHT	MOLDED LEAD EPOXY TRANSFORMER	ONE MALE ONE FEMALE	54B-E4-E4	54B-D4-D4

NOTES:

- ① WHOLE NUMBERS ARE IN MILLIMETRES, DECIMILIZED NUMBERS DENOTE METRES.

Approved by:	B. CHERNISH	drawing title <b>AIRPORT LIGHTING PRIMARY PLUG CONNECTORS</b>					
Designed by:	B. CHERNISH						
Drawn by:	D. LADAN						
Reviewed by:							
date	AUGUST 2001	scale	N.T.S.	sheet	0000S230P010	REV.	0

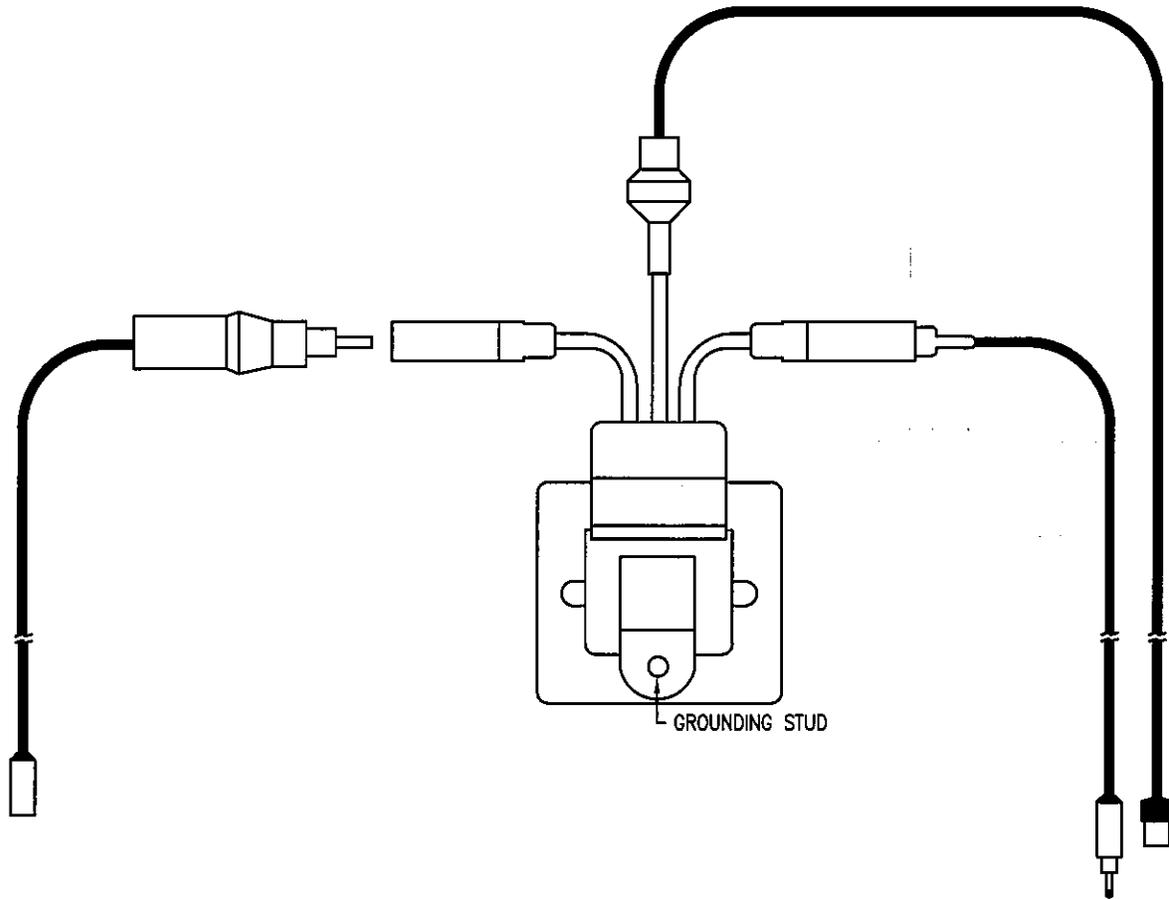


AMERACE CATALOGUE #	APPLICATION	KIT CONTENT
91BRF 6 91BPF 6	CABLE SPLICE	ONE FEMALE ONE MALE
91BRF 6	FIXTURE CONNECTION	ONE FEMALE
92BPF 6	EPOXY TRANSFORMER CONNECTION	ONE MALE
92CA-B	CONNECTOR MODIFICATION FOR SINGLE CONDUCTOR CABLES	ONE

NOTES:

- ① WHOLE NUMBERS ARE IN MILLIMETRES, DECIMALIZED NUMBERS ARE IN METERS.
- ② SECONDARY CONNECTORS ARE DESIGNED FOR 2/C #12 OR #10 STRANDED COPPER CABLE, TYPE SO.
- ③ PLUG INSERT IS DESIGNED TO CONVERT KIT CONNECTORS FROM THE USE OF 1-2/C CABLE TO 2-1/C CABLES AND IS APPLICABLE TO ALL SECONDARY CONNECTORS.

Approved by:	B. CHERNISH	drawing title  <b>SECONDARY PLUG CONNECTORS</b>					
Designed by:	B. CHERNISH						
Drawn by:	D. LADAN						
Reviewed by:							
date	AUGUST 2001	scale	N.T.S.	sheet	0000S230P011	REV.	0



NOTES:

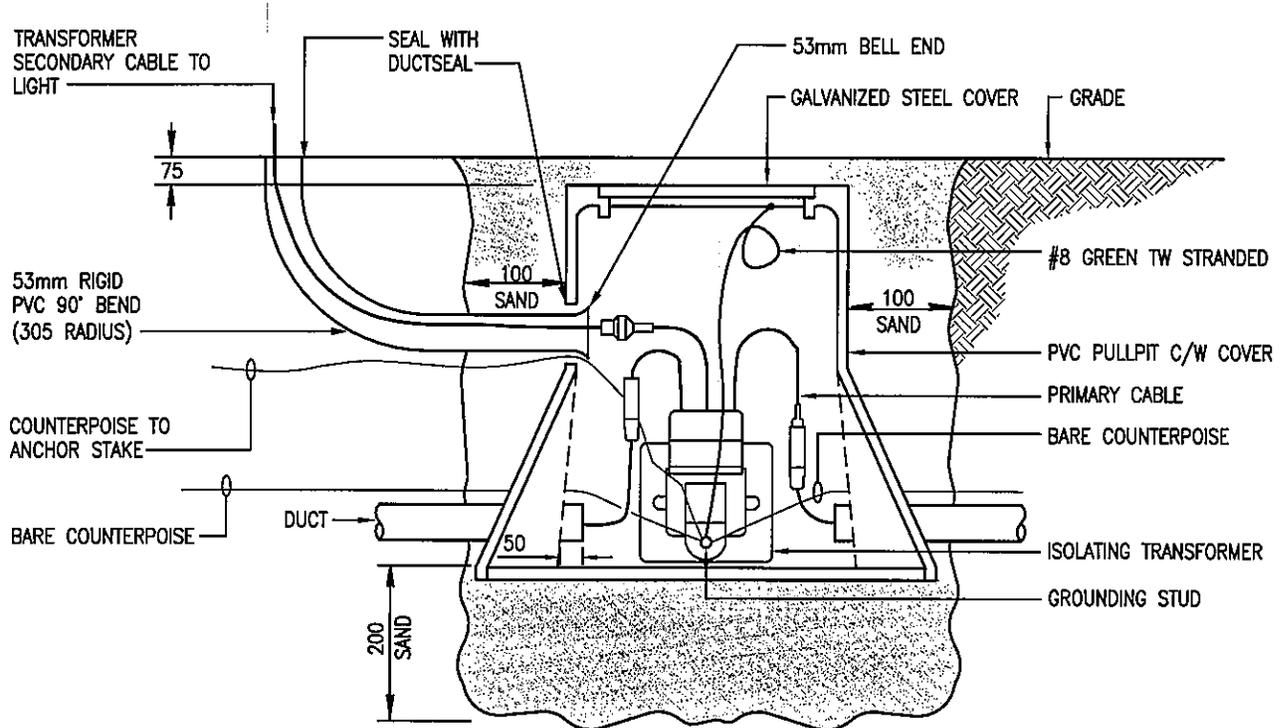
- ① ISOLATING TRANSFORMER WITH 5kV INSULATION, SUPPLIED WITH 600mm LONG PRIMARY AND 1200mm LONG SECONDARY LEADS, ALL LEADS FACTORY TERMINATED WITH CONNECTORS.

RATINGS:

- 30/45W - 6.6/6.6A
- 100W - 6.6/6.6A
- 200W - 6.6/6.6A
- 300W - 6.6/6.6A
- 500W - 6.6/6.6A

- ② TRANSFORMERS MUST MEET REQUIREMENTS OF C22.2 NO. 180, SERIES ISOLATING TRANSFORMERS FOR AIRPORT LIGHTING.

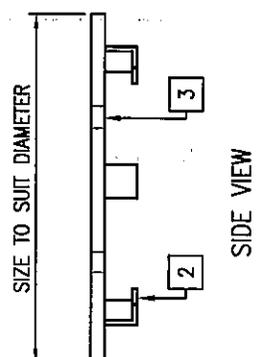
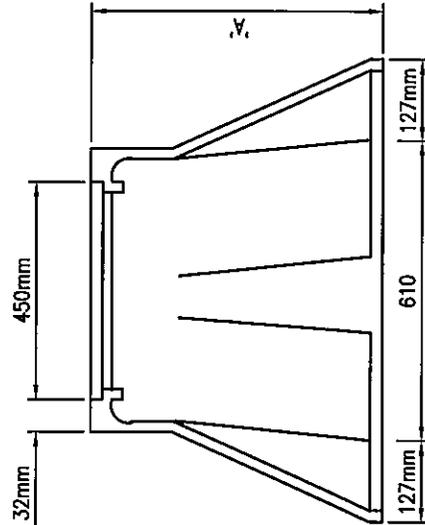
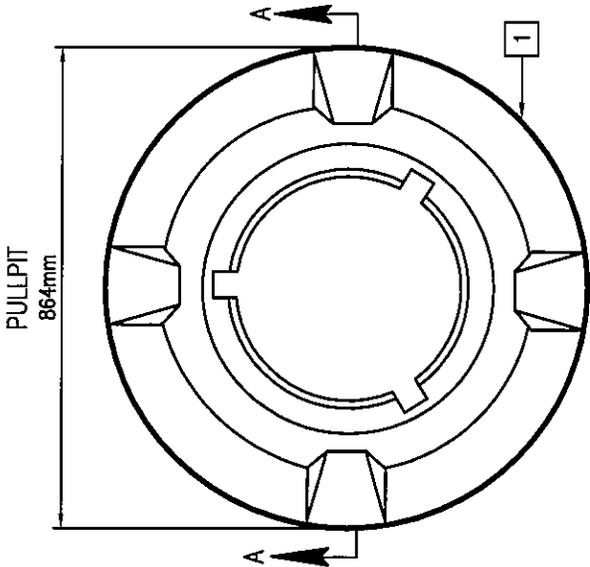
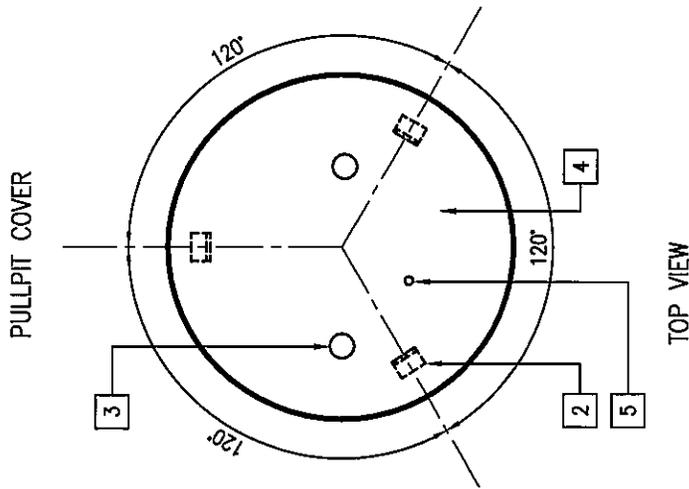
Approved by:	B. CHERNISH	drawing title <b>TYPICAL ISOLATING TRANSFORMER DETAIL</b>					
Designed by:	B. CHERNISH						
Drawn by:	D. LADAN						
Reviewed by:							
date	AUGUST 2001	scale	N.T.S.	sheet	0000S230P020	REV.	0



NOTES:

- 1 ALL DIMENSIONS ARE IN MILLIMETRES.
- 2 ENSURE STEEL COVER IS 75mm BELOW GRADE.

Approved by:	B. CHERNISH	drawing title <b>ISOLATING TRANSFORMER PULLPIT AND DUCT INSTALLATION DETAIL</b>					
Designed by:	B. CHERNISH						
Drawn by:	D. LADAN						
Reviewed by:							
date	AUGUST 2001	scale	N.T.S.	sheet	0000S230P021	REV.	0



NOTES:

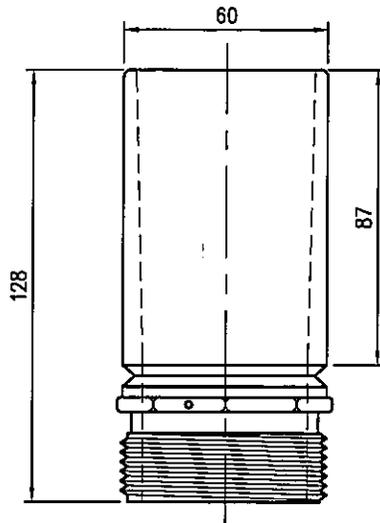
- ① HEIGHT 'A' - 450mm OR 600mm AS INDICATED ON DRAWINGS.

ITEM	DESCRIPTION
5	PULLPIT - APPROVED MANUFACTURERS: CENTURY PLASTICS, POLYRAMA PLASTIC, POLYTECH PLASTICS
4	LOCKING ANGLES
3	COVER TURNING/LIFTING HOLES
2	GALVANIZED METAL COVER
1	10mm 16 TAPPED HOLE FOR GROUND LUG

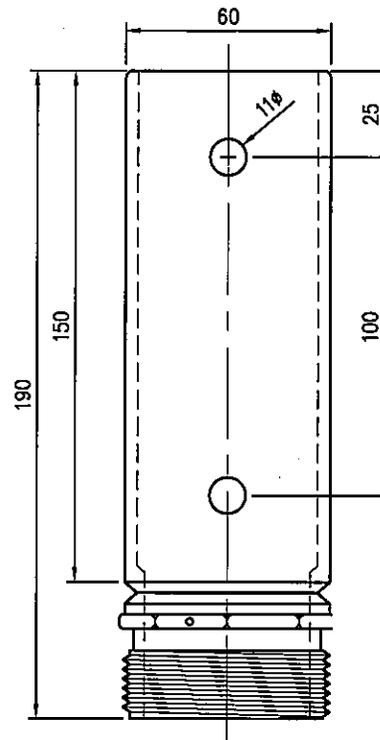
Approved by:	B. CHERNISH
Designed by:	B. CHERNISH
Drawn by:	D. LADAN
Reviewed by:	

drawing title  
**AIRFIELD LIGHTING TRANSFORMER  
PULLPIT DETAILS**

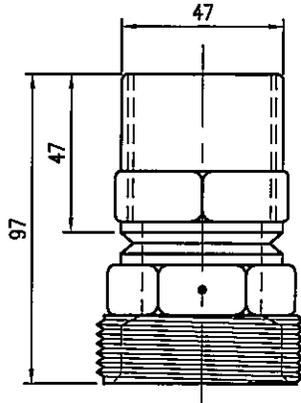
date APRIL 2002	scale N.T.S.	sheet 0000S230P022	REV. 0
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EDGE UNIT COUPLING  
TYPE I



H.I. APPROACH UNIT COUPLING  
TYPE II



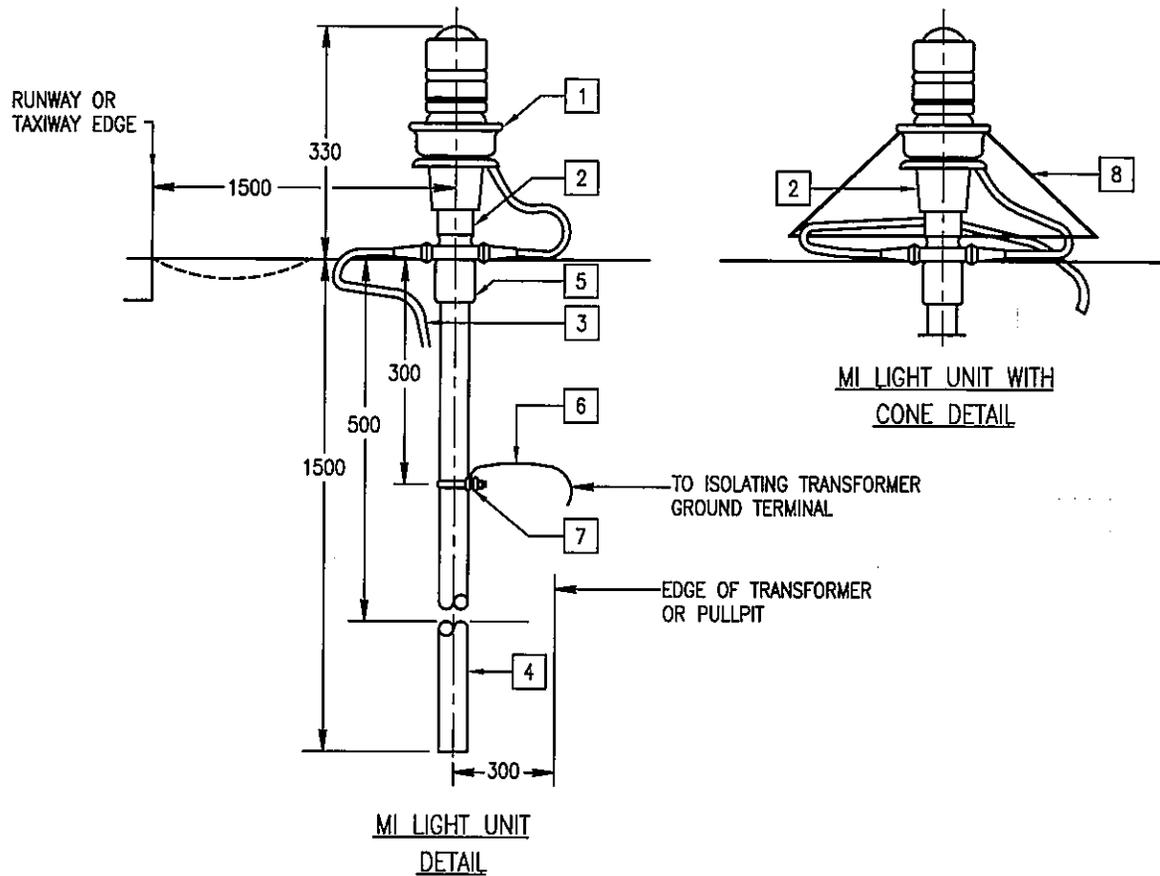
COLUMN COUPLING  
TYPE III

NOTES:

- ① ALL DIMENSIONS ARE IN MILLIMETRES.
- ② THREADS OF BREAKABLE COUPLING ARE TO BE COATED WITH ANTI-SEIZE COMPOUND BEFORE INSTALLATION. ANTI-SEIZE COMPOUND TO BE THOMAS & BETTS KOPR-SHIELD OR EQUIVALENT.

5	STANDARD 38mm PIPE THREAD
4	NUT SHAPE SHOULDER
3	BREAK-OFF GROOVE
2	DRAIN HOLE
1	STANDARD 50mm PIPE THREAD
ITEM	DESCRIPTION

Approved by:	B. CHERNISH	drawing title <b>ALUMINUM BREAKABLE COUPLINGS</b>					
Designed by:	B. CHERNISH						
Drawn by:	D. LADAN						
Reviewed by:							
date	APRIL 2002	scale	N.T.S.	sheet	0000S230P030	REV.	0

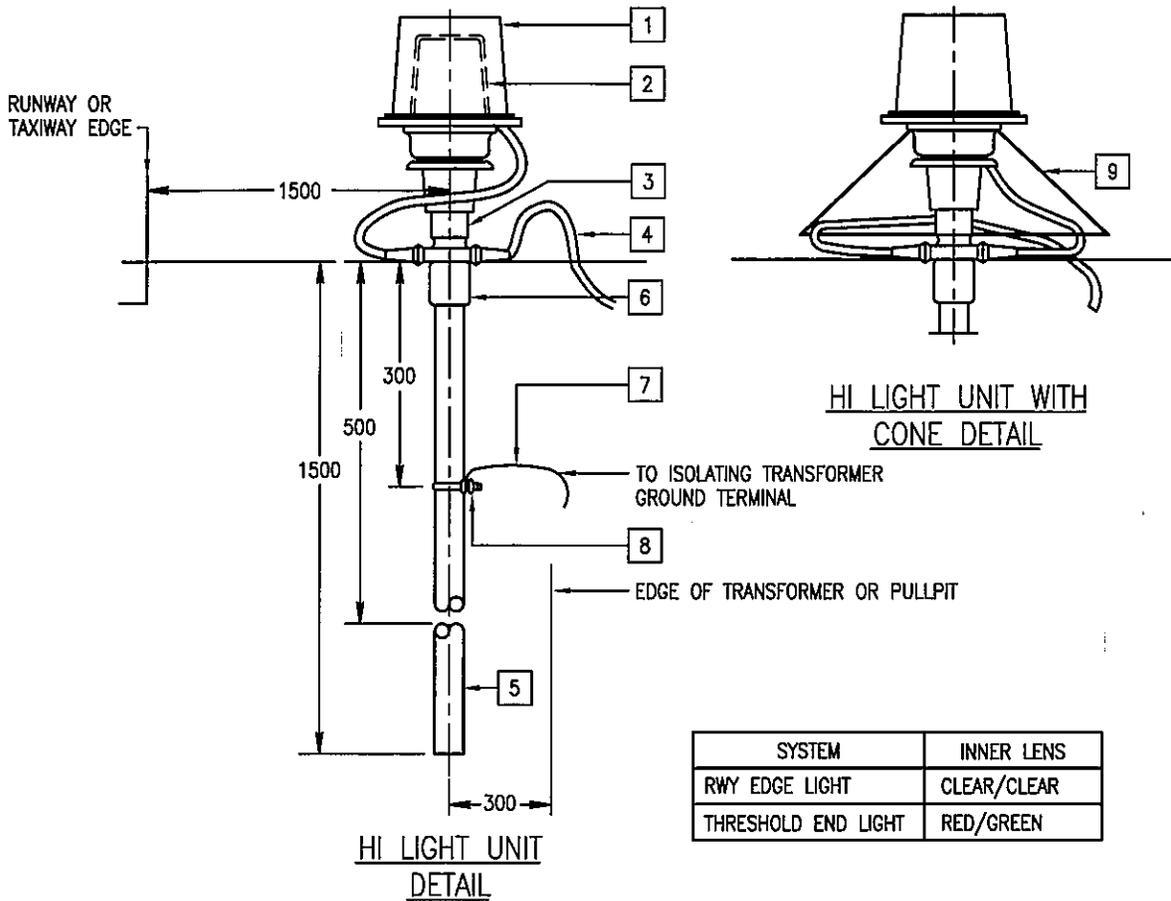


NOTES:

- ① WHOLE NUMBERS ARE IN MILLIMETRES, DECIMALIZED NUMBERS INDICATE METRES.
- ② ITEM #4 TO BE PLUMB AND VERTICAL.

8	154 x 457 ORANGE DAY IDENTIFICATION CONE
7	GROUND CONNECTOR
6	1/C #8 SDBC GROUND COUNTERPOISE
5	50# RIGID GALVANIZED STEEL CONDUIT COUPLING
4	50# RIGID GALVANIZED STEEL CONDUIT ANCHOR OR 50 X 50 ANCHOR STAKE (CONDUIT SHOWN)
3	ISOLATING TRANSFORMER SECONDARY CABLE
2	BREAKABLE COUPLING
1	MI EDGE LIGHT UNIT
ITEM	DESCRIPTION

Approved by:	B. CHERNISH	drawing title <b>MI EDGE LIGHT INSTALLATION DETAIL</b>					
Designed by:	B. CHERNISH						
Drawn by:	D. LADAN						
Reviewed by:							
date	AUGUST 2001	scale	N.T.S.	sheet	0000S231P120	REV.	0



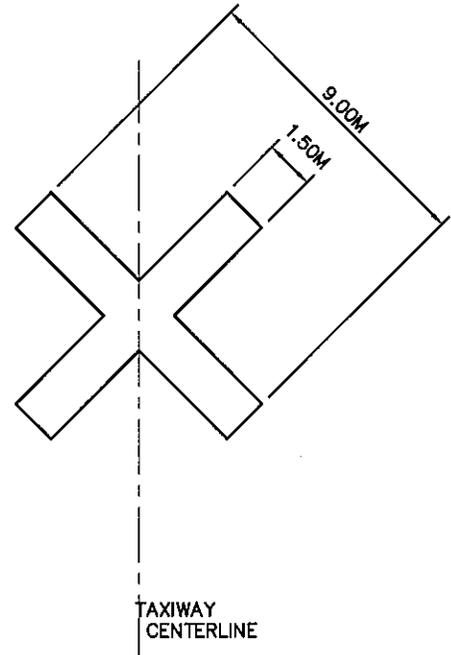
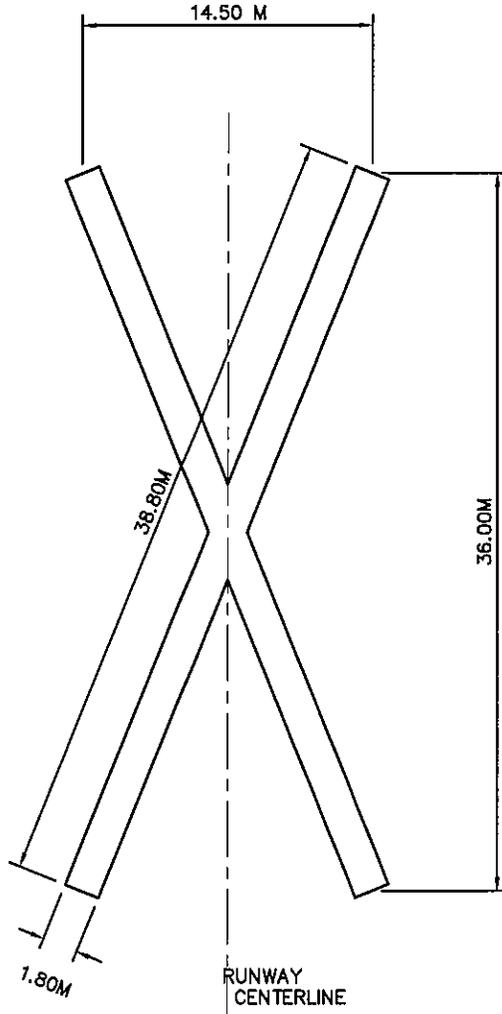
ITEM DESCRIPTION:

- 1 HI EDGE LIGHT UNIT (150W QUARTZ)
- 2 INNER LENS
- 3 BREAKABLE COUPLING
- 4 ISOLATING TRANSFORMER SECONDARY CABLE
- 5 50# RIGID GALVANIZED STEEL CONDUIT ANCHOR
- 6 50# RIGID GALVANIZED STEEL CONDUIT COUPLING
- 7 1/C#8 SDBC GROUND COUNTERPOISE
- 8 GROUND CONNECTOR: BURNDY GA3 OR EQUAL
- 9 154 x 457 ORANGE DAY IDENTIFICATION CONE

NOTES:

- 1 WHOLE NUMBERS ARE IN MILLIMETRES, DECIMALIZED NUMBERS INDICATE METRES.
- 2 ITEM #4 TO BE PLUMB AND VERTICAL.

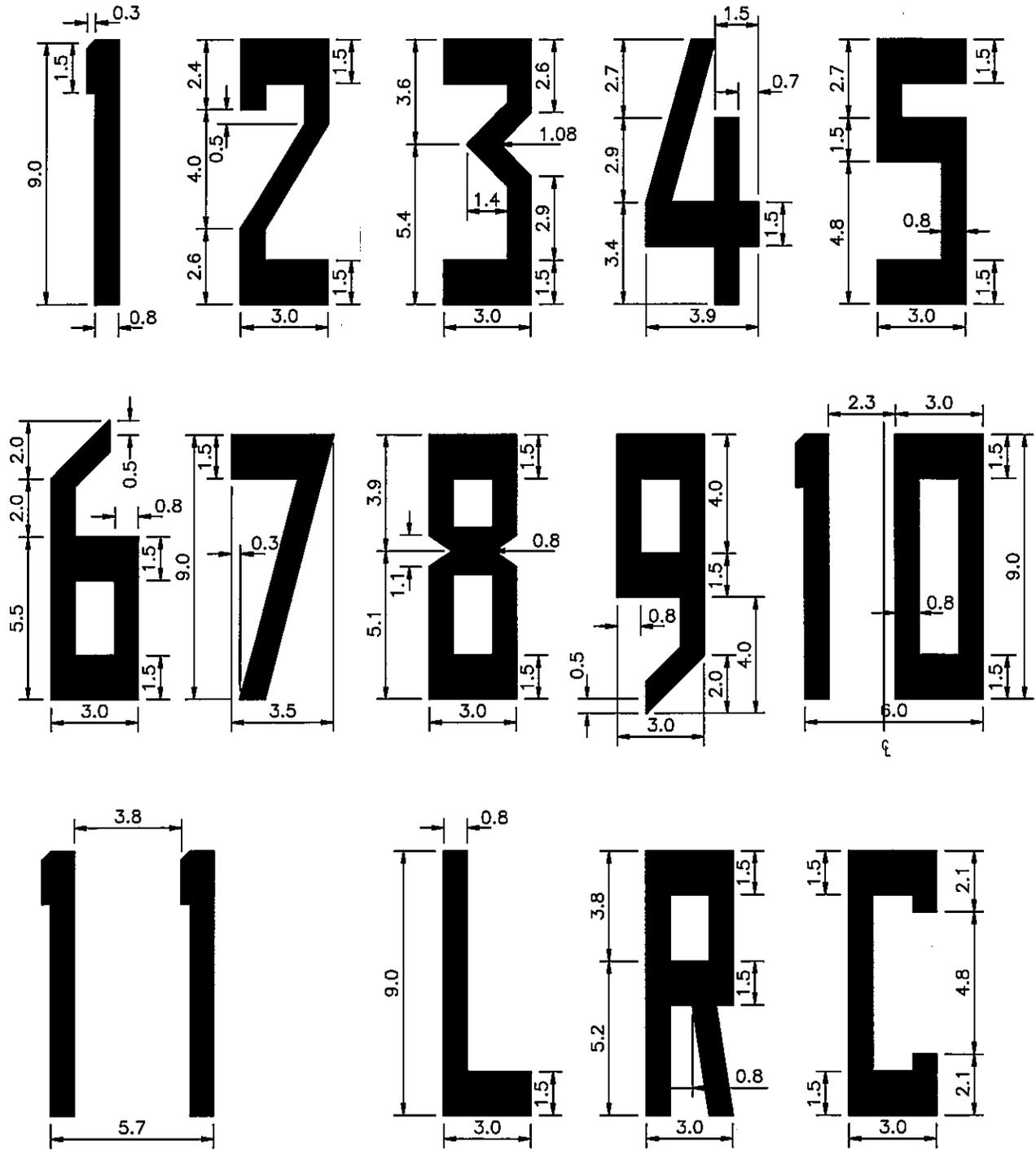
Approved by:	B. CHERNISH	drawing title	<b>HI EDGE LIGHT INSTALLATION DETAIL</b>
Designed by:	B. CHERNISH		
Drawn by:	D. LADAN		
Reviewed by:			
date	scale	sheet	REV.
AUGUST 2001	N.T.S.	0000S231P121	0



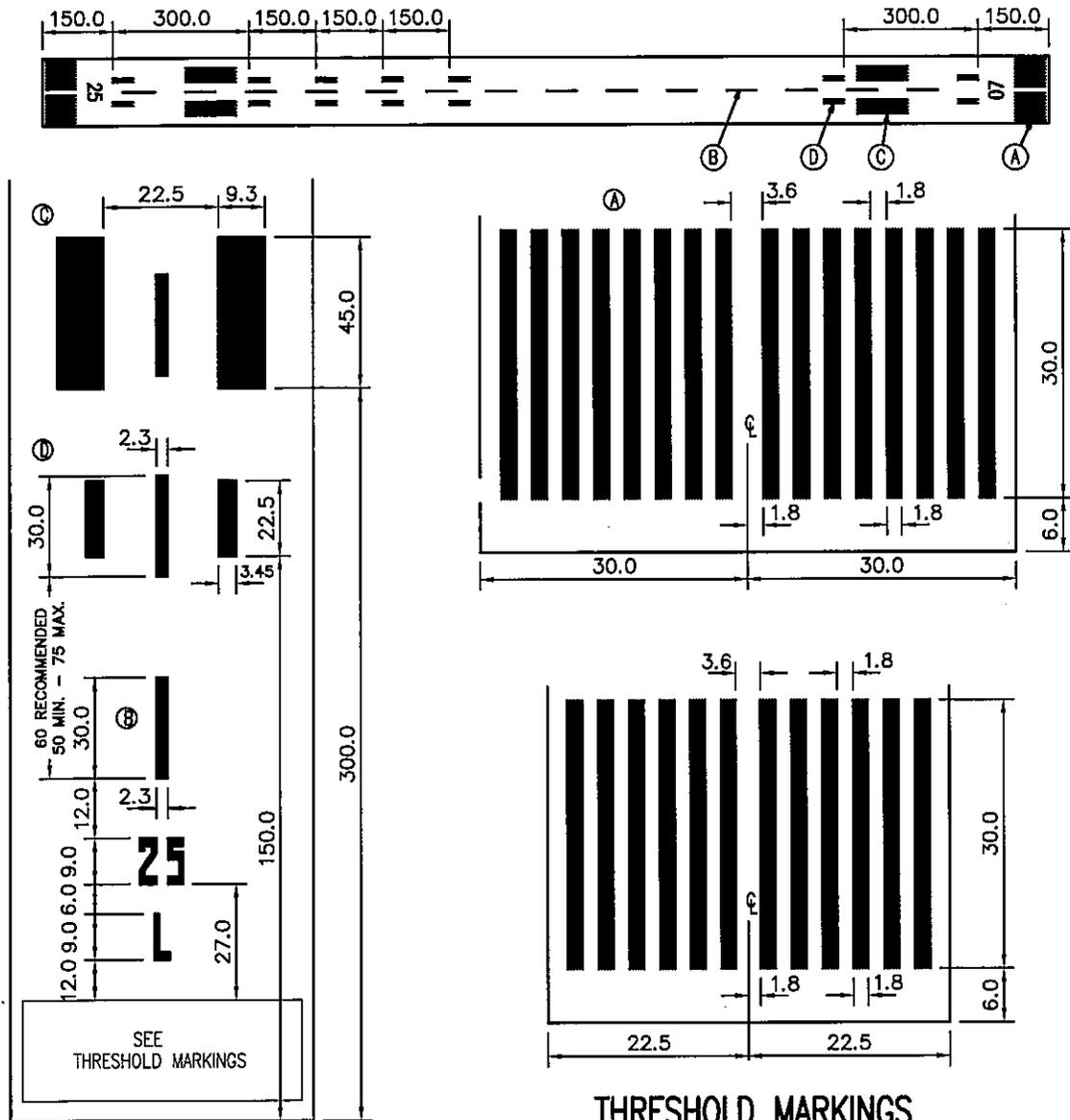
**GENERAL NOTES:**

1. MARKING FOR RUNWAY WILL BE WHITE COLOUR;
2. MARKINGS FOR TAXIWAY WILL BE YELLOW COLOUR;
3. MATERIALS USED FOR MARKINGS CONSTRUCTION SHALL BE OTHER THAN PAINT, SUCH AS WHITE VINYL SHEETING WEIGHTED DOWN, OR SIMILAR.

project title		titre du projet		drawing title		titre du dessin	
				NO LANDING MARKER			
approved by	S.SINGH	scale	N.T.S.	Cadd no.	A		
approuvé par		échelle		Cadd no.			
designed by		date		project no.			
conçu par		date		project no.			
drawn by	D.CHARTIER	sheet	SD-601	feuille	REV.		
dessiné par							



project title		titre du projet		drawing title		titre du dessin	
				RUNWAY DESIGNATION, NUMBERS AND LETTERS			
approved by	S.SINGH	scale	N.T.S.	Cadd no.	A		
approuvé par		echelle		Cadd no.			
designed by		date		project no.			
conçu par		date		projct no			
drawn by	D.CHARTIER	sheet	SD-700	feuille	REV.		
dessiné par							



**THRESHOLD MARKINGS**

- (A) THRESHOLD MARKINGS**  
BLOCKS OF LINES, CONSISTING OF 6 LINES, 150mm WIDE, SPACED EVENLY TO PROVIDE AN OVERALL BLOCK WIDTH OF 1.6m. GAP BETWEEN BLOCKS 1.80m, LENGTH 30.0m.
- (B) CENTERLINE MARKINGS**  
BLOCKS OF LINES, CONSISTING OF 8 LINES, 150mm WIDE, SPACED EVENLY TO PROVIDE AN OVERALL BLOCK WIDTH OF 2.3m. MARKINGS AT 30.0 INTERVALS, LENGTH 30.0.
- (C) FIXED DISTANCE MARKINGS**  
BLOCKS OF LINES, CONSISTING OF 31 LINES (RUNWAYS 45.0m OR WIDER) OR 20 LINES (RUNWAYS LESS THAN 45.0 IN WIDTH) 150mm WIDE SPACED EVENLY TO PROVIDE AN OVERALL BLOCK WIDTH OF 9.3m (FUNWAYS 45.0m OR WIDER) OR 6.0m (RUNWAYS LESS THEN 45.0m IN WIDTH) TO BE INCLUDED ON ALL RUNWAYS 1500.0m OR LONGER.

- (D) TOUCHDOWN ZONE MARKINGS:**  
BLOCKS OF LINES, CONSISTING OF 12 LINES, 150mm WIDE, SPACED EVENLY TO PROVIDE AN OVERALL BLOCK WIDTH OF 3.45m. LENGTH 22.5m. 5 SETS AT EACH END WILL BE INCLUDED WHERE THE RUNWAY LENGTH IS GREATER THAN 1800m. 2 SETS ONLY AT EACH END TO BE INCLUDED ON RUNWAYS FROM 1200m UP TO AND INCLUDING 1800m IN LENGTH. SEE KEY PLAN FOR MARKING INTERVALS.

**NOTE:**

ALL DIMENSIONS SHOWN IN METRES UNLESS OTHERWISE INDICATED.  
ALL PAVEMENT MARKINGS INDICATED ARE WHITE IN COLOR.

project title		titre du projet		drawing title		titre du dessin	
				RUNWAY MARKINGS- INSTRUMENT AND PRECISION APPROACH			
approved by	S.SINGH	scale	N.T.S.	Cadd no.	A		
approuve par		echelle		Cadd no.			
designed by		date		project no.			
concu par		date		projet no			
drawn by	D.CHARTIER	sheet	SD-701	feuille	REV.		
dessine par							

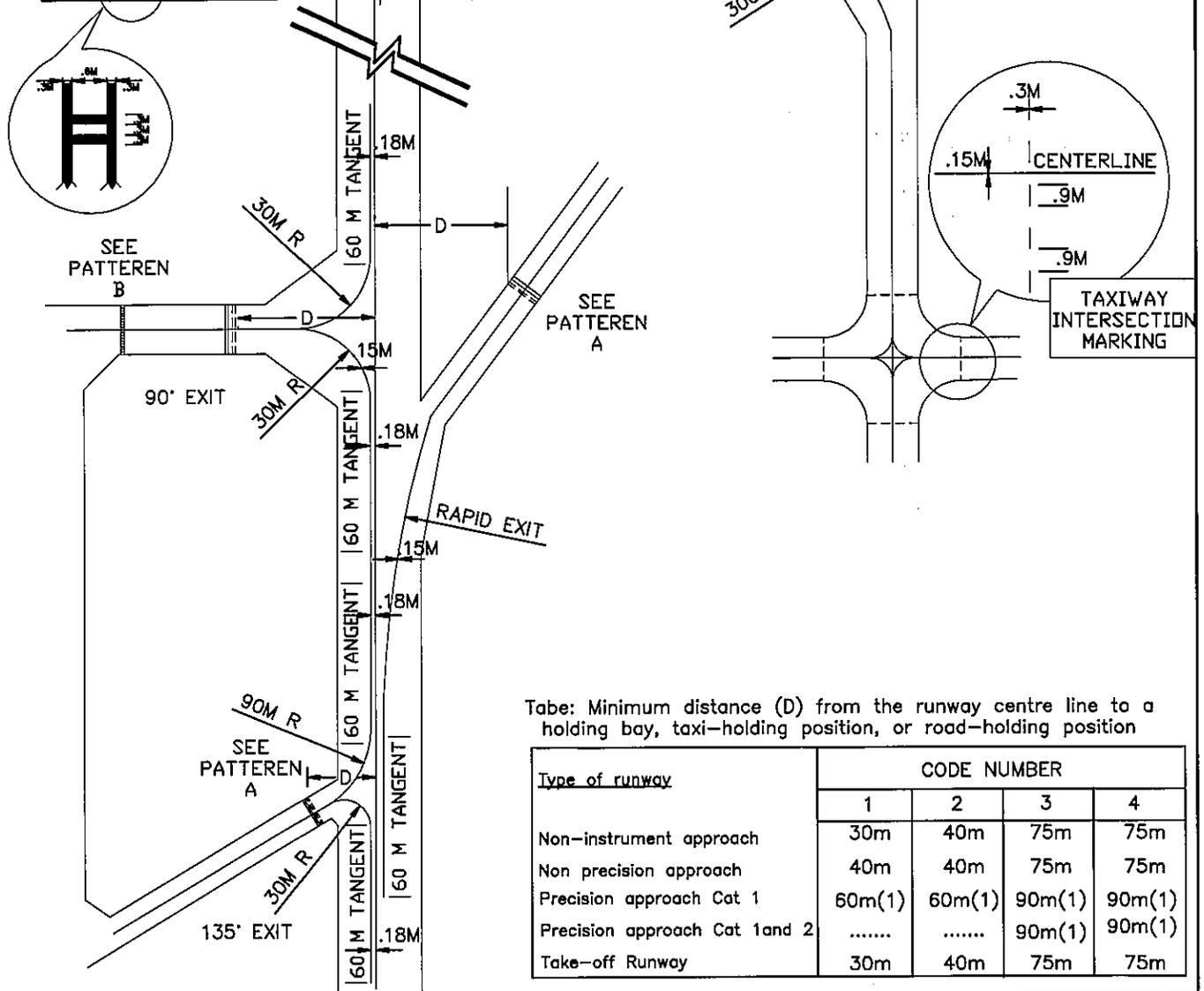
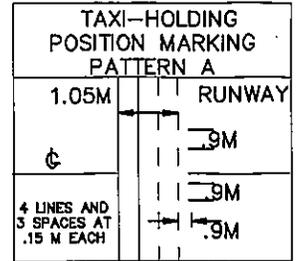
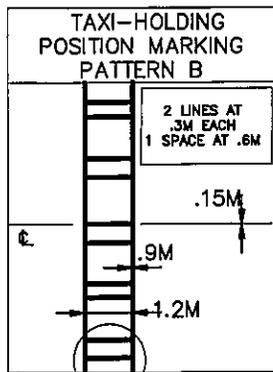


Table: Minimum distance (D) from the runway centre line to a holding bay, taxi-holding position, or road-holding position

Type of runway	CODE NUMBER			
	1	2	3	4
Non-instrument approach	30m	40m	75m	75m
Non precision approach	40m	40m	75m	75m
Precision approach Cat 1	60m(1)	60m(1)	90m(1)	90m(1)
Precision approach Cat 1 and 2	.....	.....	90m(1)	90m(1)
Take-off Runway	30m	40m	75m	75m

project title		titre du projet		drawing title		titre du dessin	
				TAXIWAY MARKING			
approved by	S.SINGH	scale	N.T.S.	Cadd no.	A		
approuvé par		echelle		Cadd no.			
designed by		date		project no.			
conçu par		date		projet no			
drawn by	D.CHARTIER	sheet	SD-703			feuille REV.	
dessiné par							