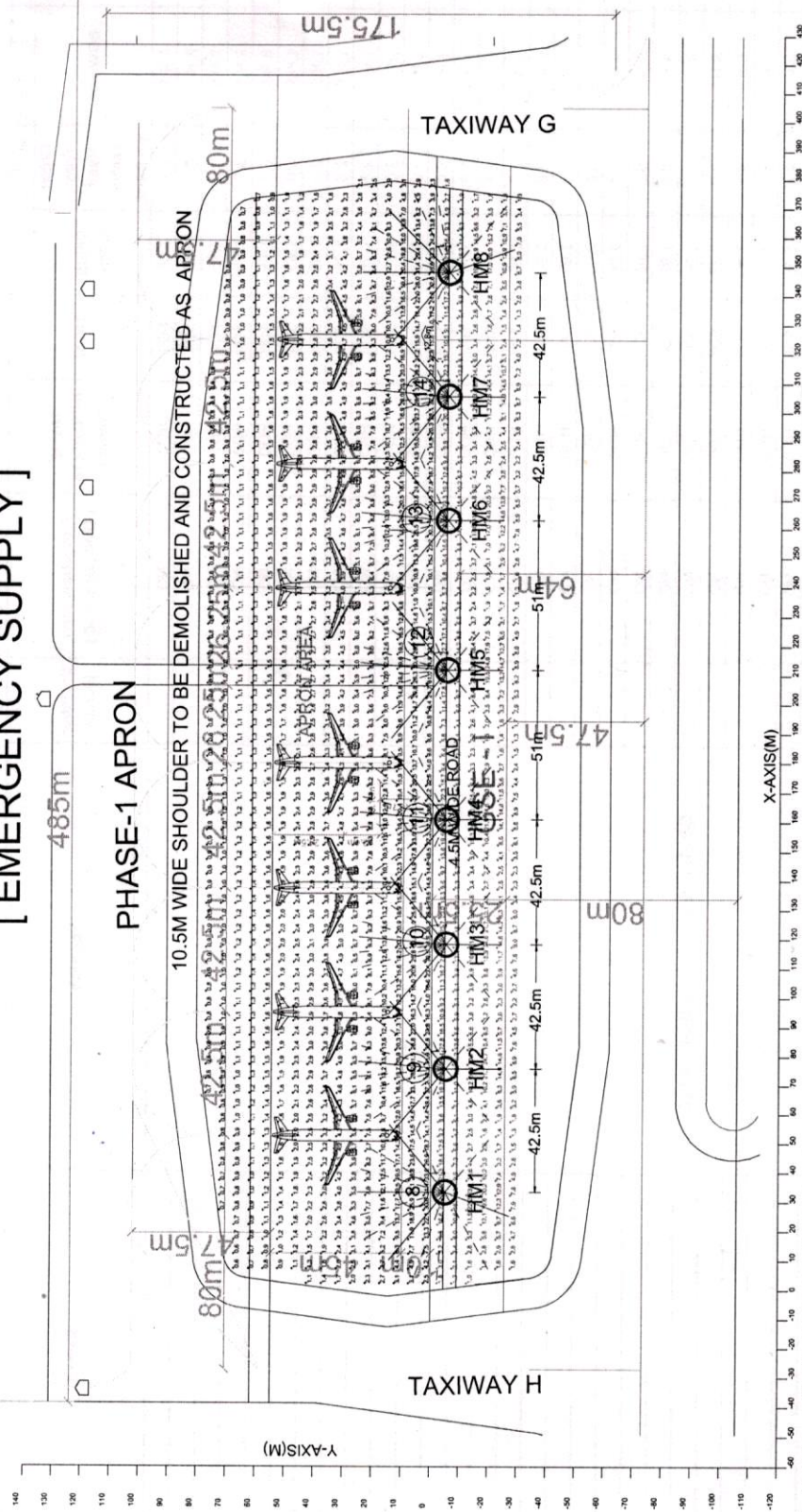


ILLUMINATION DESIGN FOR PROPOSED APRON EXTENSION AREA T2

[EMERGENCY SUPPLY]



HM1 & HM8 : 11M HIGH MAST (8 NOS.)
LUMINAIRES PER MAST: 13 NUMBERS. ('4 NUMBERS ARE SWITCHED ON' & '9 NUMBERS ARE SWITCHED OFF')

Luminaire Schedule			
Symbol	Qty	Label	Description
→	104	A	0.850 BJFL 150W LED I

LUMINAIRE SWITCHED 'ON'
LUMINAIRE SWITCHED 'OFF'

HORIZONTAL ILLUMINATION LEVEL AT EL 0M ABOVE G/L WITHOUT ANY OBSTRUCTIONS:

Calculation Summary					
Label	CalcType	Units	Avg	Min	Min/Max
APRON AREA - HOZ	Illuminance	Lux	6.49	0.6	0.09
GSE-I AREA	Illuminance	Lux	9.32	1.0	0.11

NOTE: HIGH MAST LOCATIONS ARE CONSIDERED AT 5M AWAY FROM THE APRON EDGE AS PER THE INPUT RECEIVED.
HIGH MAST LOCATIONS ARE INTERSECTING WITH THE 4.5M WIDE ROAD

CLIENT: AAI

PROJECT: PROPOSED APRON EXTENSION T2

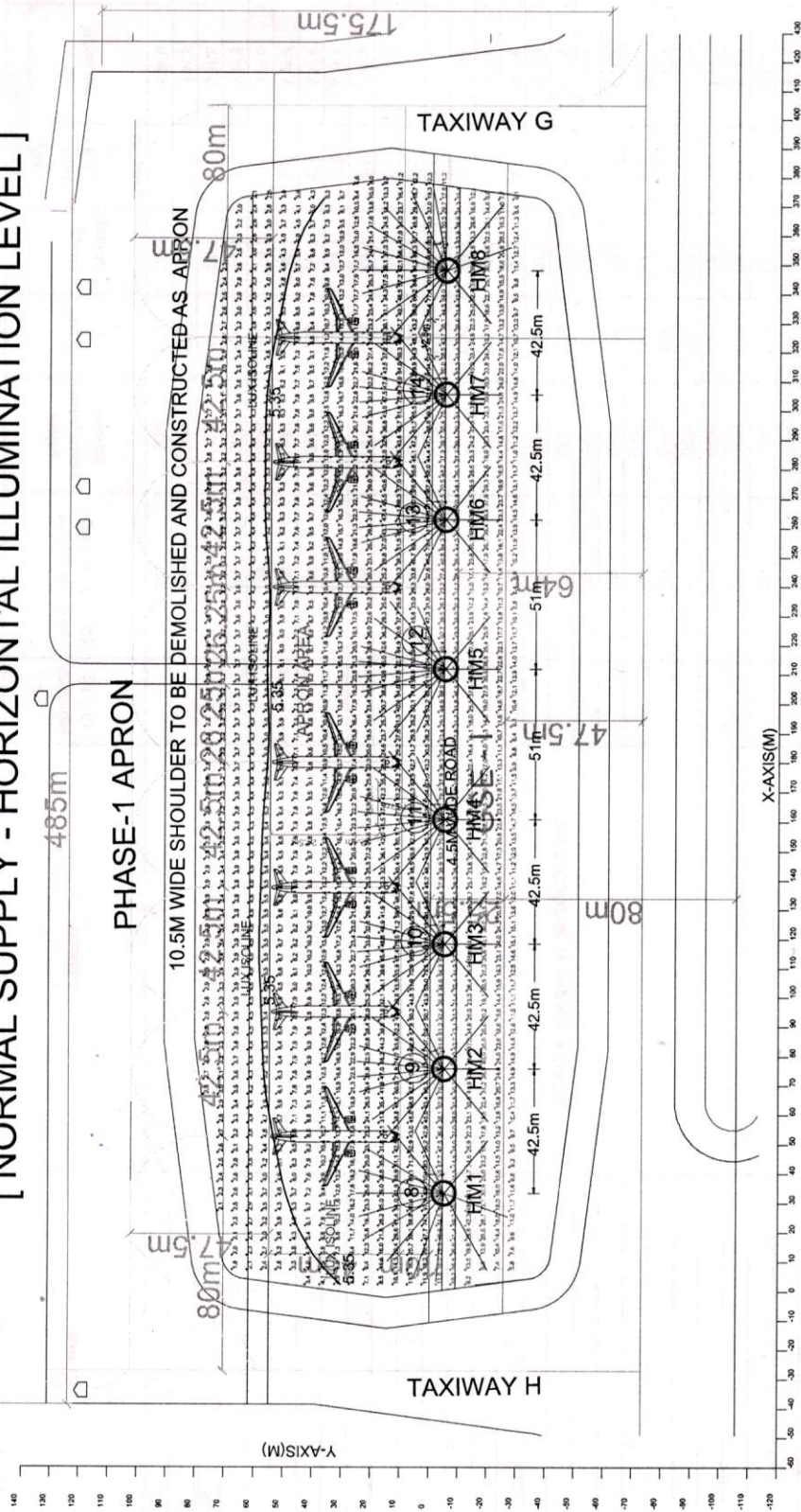
TITLE: APRON AREA LIGHTING WITH HIGH MAST

BAJAJ ENGINEERING & PROJECTS
Leaders in Lighting & Power Systems

DESIGN BY	SEM	LED	REPORT NO.:	641/16 R2	REV NO.:	02
CHECKED BY	KHAN		DATE:	28-09-2018	SHEET NO.:	03
APPROVED BY	AD					
AUTHOR BY	CSM					

ILLUMINATION DESIGN FOR PROPOSED APRON EXTENSION AREA T2

[NORMAL SUPPLY - HORIZONTAL ILLUMINATION LEVEL]



HM1 & HM8 : 11M HIGH MAST (8 NOS.)
LUMINAIRES PER MAST: 13 NUMBERS.

Luminaire Schedule			
Symbol	Qty	Label	Description
→	104	A	0.850 BJFL 150W LED I

"MINIMUM OF 5 LUX" & "OVERALL UNIFORMITY RATIO (MIN/AVG) OF 0.25" IS NOT ACHIEVED DUE TO RESTRICTION OF MAST HEIGHT.
ISO-LUX LINE HAS BEEN SHOWN UP TO WHICH MINIMUM OF 5 LUX IS ACHIEVED.

HORIZONTAL ILLUMINATION LEVEL AT EL 0M ABOVE G/L WITHOUT ANY OBSTRUCTIONS:

Calculation Summary				
Label	Calc Type	Units	Avg	Min/Max
APRON AREA - HOZ	Illuminance	Lux	21.42	1.8 126.9
GSE-I AREA	Illuminance	Lux	30.92	5.8 84.6

NOTE: HIGH MAST LOCATIONS ARE CONSIDERED AT 5M AWAY FROM THE APRON EDGE AS PER THE INPUT RECEIVED.
HIGH MAST LOCATIONS ARE INTERSECTING WITH THE 4.5M WIDE ROAD

CLIENT: AA

PROJECT: PROPOSED APRON EXTENSION T2

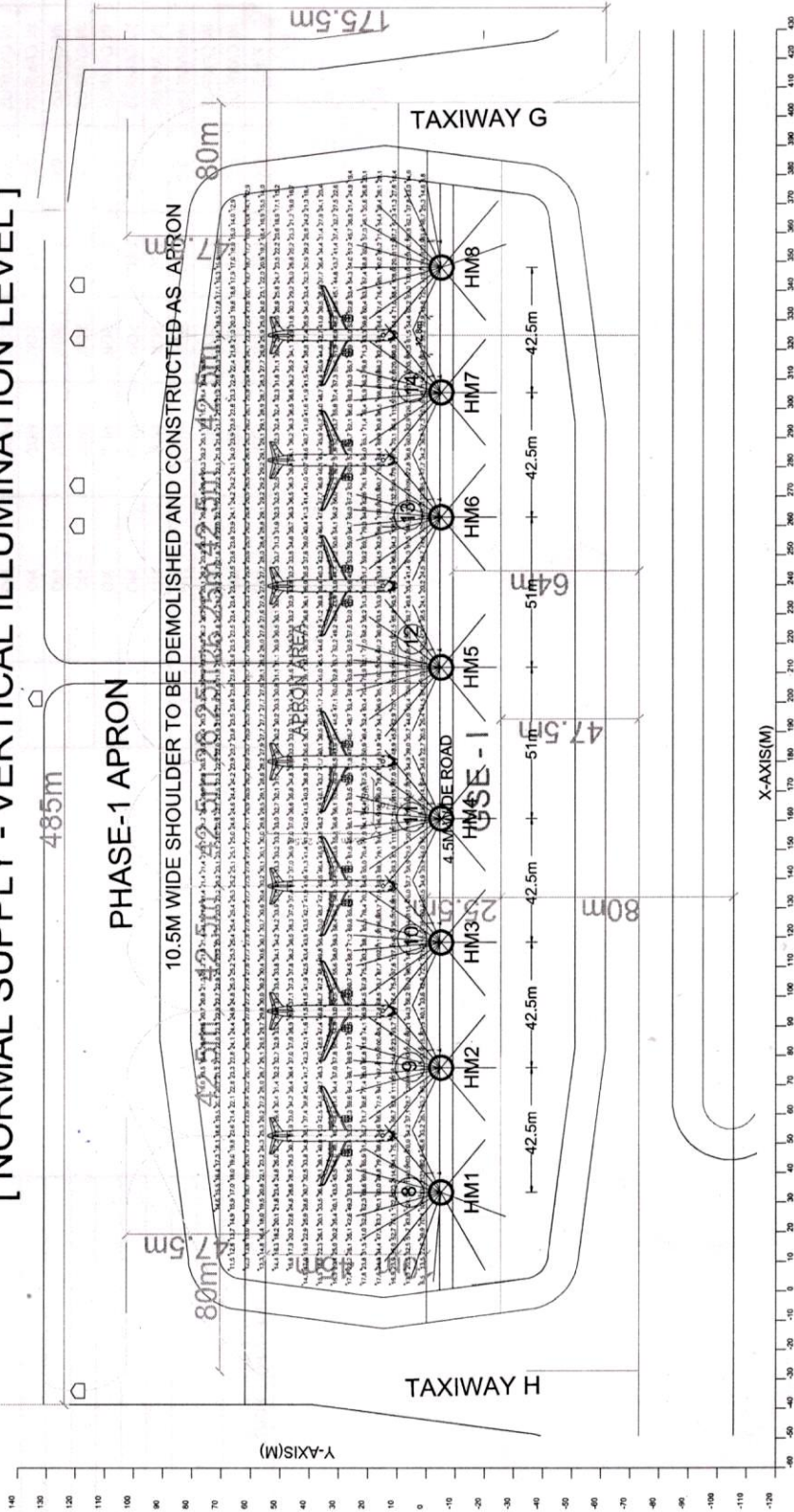
TITLE: APRON AREA LIGHTING WITH HIGH MAST

BAJAJ ENGINEERING & PROJECTS
Leaders in Lighting & Power Systems

DESIGN BY	SEM	LED	REPORT NO.:	641/16 R2	REV NO.:	02
CHECK BY	KVAM	T10	DATE:	28-09-2018	SHEET NO.:	01
APPROVED BY	AD					
AUTHOR BY	CSM					

ILLUMINATION DESIGN FOR PROPOSED APRON EXTENSION AREA T2

[NORMAL SUPPLY - VERTICAL ILLUMINATION LEVEL]



HM1 & HM8 : 11M HIGH MAST (8 NOS.)
LUMINAIRES PER MAST: 13 NUMBERS.

Luminaire Schedule			
Symbol	Qty	Label	Description
→	104	A	0.850 BJFL 150W LED I

VERTICAL ILLUMINATION LEVEL AT EL 2M ABOVE G/L WITHOUT ANY OBSTRUCTIONS IN RELEVANT DIRECTION:

Calculation Summary					
Label	CalcType	Units	Avg	Max	Min/Max
APRON AREA - VERT	ILLUMINANCE	Lux	48.67	182.4	0.17 0.05

NOTE: HIGH MAST LOCATIONS ARE CONSIDERED AT 5M AWAY FROM THE APRON EDGE AS PER THE INPUT RECEIVED.
HIGH MAST LOCATIONS ARE INTERSECTING WITH THE 4.5M WIDE ROAD

CLIENT: AAI			
PROJECT: PROPOSED APRON EXTENSION T2			
TITLE: APRON AREA LIGHTING WITH HIGH MAST			
 BAJAJ ENGINEERING & PROJECTS Leaders in Lighting & Power Systems		DESIGN BY: SEM CHECKED BY: KMAN APPROVED BY: AD AUTO BY: CSM	REPORT NO.: 641/16 R2 DATE: 28-09-2018 REV NO.: 02 SHEET NO.: 02