

FROM LP3A-5

16/G-6 SQ.MM. IN WW.100x100MM.

CU-03

CB 1C
IC ≥ 10 kA.
AT 400 VAC

3Ø 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.

2x2.5sq.mm. IN EMT.DIA.1/2"



2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x6/G-4sq.mm. IN EMT.DIA.3/4"

2x6/G-4sq.mm. IN EMT.DIA.3/4"

OWNER :

CONSULTANT :



King Mongkut's Institute
of Technology Ladkrabang
Chalongkrung Road, Ladkrabang, Bangkok 10520
TEL. (+66) 2-329-8000 , FAX. (+66) 2-329-8204

CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE
NAME SONGKRIT TRERATPICHAN
REGISTER No. ๖๗๙ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU3_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1 OF : 1 SIZE : A3
DATE : SCALE : 1:1
DRAW BY :
CHECKED BY :
APPROVED BY :

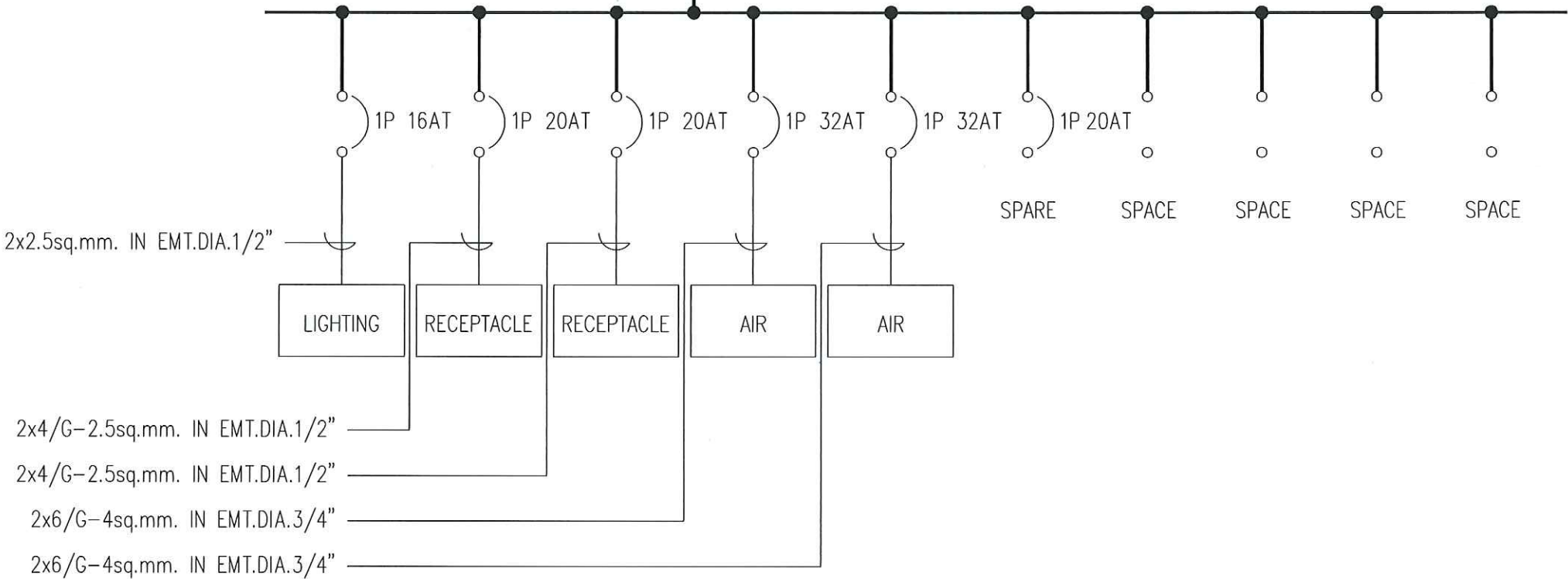
FROM LP3A-7

16/G-6 SQ.MM. IN WW.100x100MM.

CU-04

CB 1C
IC ≥ 10 kA.
AT 400 VAC

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.



OWNER :

CONSULTANT :



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CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE	
NAME	SONGKRIT TRERATPICHAN
REGISTER No.	๖๗๙ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU4_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1	OF : 1	SIZE : A3
DATE :	SCALE :	1:1

DRAW BY :

CHECKED BY :

APPROVED BY :

FROM LP3A-9

16/G-6 SQ.MM. IN WW.100x100MM.

CU-05

CB 1C
IC ≥ 10 kA.
AT 400 VAC

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.

2x2.5sq.mm. IN EMT.DIA.1/2"



2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x6/G-4sq.mm. IN EMT.DIA.3/4"

2x6/G-4sq.mm. IN EMT.DIA.3/4"

OWNER :

CONSULTANT :



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of Technology Ladkrabang
Chalongkrung Road, Ladkrabang, Bangkok 10520
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CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE	
NAME	SONGKRIT TRERATPICHAN
REGISTER No.	๑๗๖ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU5_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1 OF : 1 SIZE : A3

DATE : SCALE :
NTS

DRAW BY :

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OWNER :

CONSULTANT :



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of Technology Ladkrabang
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CONTRACTOR :

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KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE	
NAME	SONGKRIT TRERATPICHAN
REGISTER No.	๖๗๓ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU6_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1 OF : 1 SIZE : A3

DATE : SCALE :
NTS

DRAW BY :

CHECKED BY :

APPROVED BY :

CB 1C
IC ≥ 10 kA.
AT 400 VAC

16/G-6 SQ.MM. IN WW.100x100MM.

CU-06

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.

2x2.5sq.mm. IN EMT.DIA.1/2"

LIGHTING

RECEPTACLE

RECEPTACLE

AIR

AIR

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x6/G-4sq.mm. IN EMT.DIA.3/4"

2x6/G-4sq.mm. IN EMT.DIA.3/4"

1P 50AT

1P 16AT

1P 20AT

1P 20AT

1P 32AT

1P 32AT

1P 20AT

SPARE

SPACE

SPACE

SPACE

SPACE

FROM LP3A-13

CU-07

CB 1C
IC ≥ 10 kA.
AT 400 VAC

2x6/G-4 SQ.MM. IN WW.100x100MM.

1P 32AT

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.

1P 32AT

1P 16AT

1P 20AT

1P 20AT

SPARE

SPACE

SPACE

2x6/G-4sq.mm. IN EMT.DIA.3/4"

AIR

LIGHTING

RECEPTACLE

2x2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

OWNER :

CONSULTANT :



King Mongkut's Institute
of Technology Ladkrabang
Chalongkrung Road, Ladkrabang, Bangkok 10520
TEL (+66) 2-329-8000 , FAX (+66) 2-329-8204

CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE

NAME

SONGKRIT TRERATPICHAN

REGISTER No.

๖๗๙ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU7_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1 OF : 1 SIZE : A3

DATE :

SCALE :

NTS

DRAW BY :

CHECKED BY :

APPROVED BY :

FROM LP3B-8

CU-08

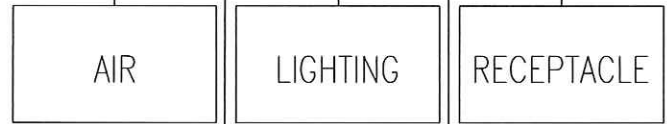
CB 1C
IC ≥ 10 kA.
AT 400 VAC

2x6/G-4 SQ.MM. IN WW.100x100MM.
1P 32AT

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.

1P 32AT 1P 16AT 1P 20AT 1P 20AT
SPARE SPACE SPACE

2x6/G-4sq.mm. IN EMT.DIA.3/4"



2x2.5sq.mm. IN EMT.DIA.1/2"
2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

OWNER :

CONSULTANT :



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of Technology Ladkrabang
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TEL. (+66) 2-328-8000 , FAX. (+66) 2-328-8204

CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE



NAME

SONGKRIT TRERATPICHAN

REGISTER No.

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REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :
Excise Department

DRAWING TITLE :
CUB_SINGLE LINE DIAGRAM

DRAWING No. :
EXD-20180720

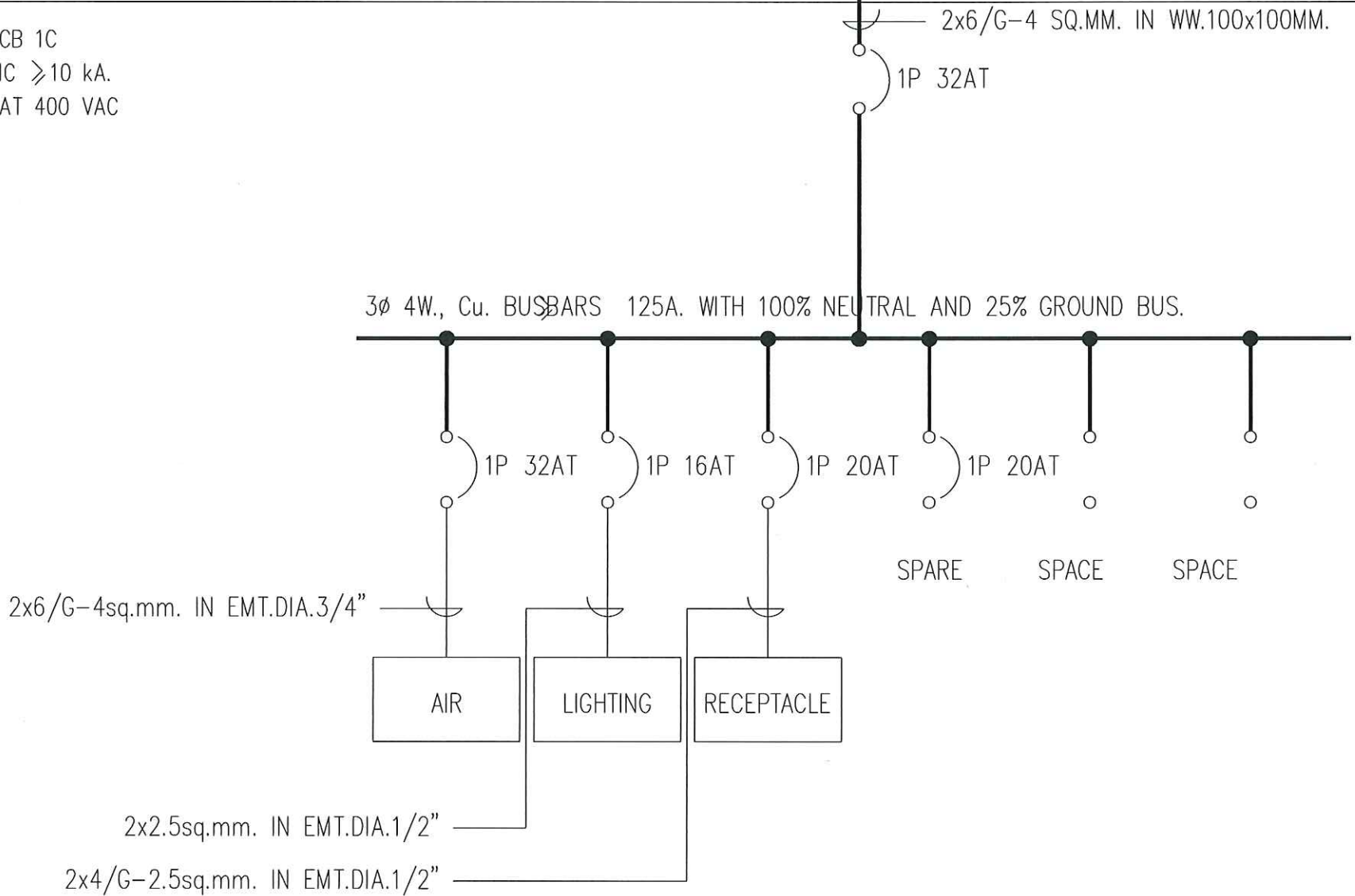
SHEET : 1	OF : 1	SIZE : A3
DATE :	SCALE :	NTS
DRAW BY :		
CHECKED BY :		
APPROVED BY :		

PAPER SIZE : A3(297x420mm.)

FROM LP3B-10

CU-09

CB 1C
IC ≥ 10 kA.
AT 400 VAC



OWNER :

CONSULTANT :



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of Technology Ladkrabang
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TEL. (+66) 2-329-8000 , FAX. (+66) 2-329-8204

CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE	
NAME	SONGKRIT TRERATPICHAN
REGISTER No.	๖๗๙ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU9_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1 OF 1 SIZE : A3

DATE : SCALE :

NTS

DRAW BY :

CHECKED BY :

APPROVED BY :

FROM LP3C-17

CU-10

CB 1C
IC ≥ 10 kA.
AT 400 VAC

2x6/G-4 SQ.MM. IN WW.100x100MM.
1P 32AT

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.

1P 32AT 1P 16AT 1P 20AT 1P 20AT

SPARE SPACE SPACE

2x6/G-4sq.mm. IN EMT.DIA.3/4"

AIR LIGHTING RECEPTACLE

2x2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

OWNER :

CONSULTANT :



King Mongkut's Institute
of Technology Ladkrabang
Chalongkrung Road, Ladkrabang, Bangkok 10520
TEL. (+66) 2-329-8000 , FAX. (+66) 2-329-8204

CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE	
NAME	SONGKRIT TRERATPICHAN
REGISTER No.	๖๗๓ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU10_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1	OF : 1	SIZE : A3
DATE :	SCALE :	NTS
DRAW BY :		
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APPROVED BY :		

FROM LP3A-15



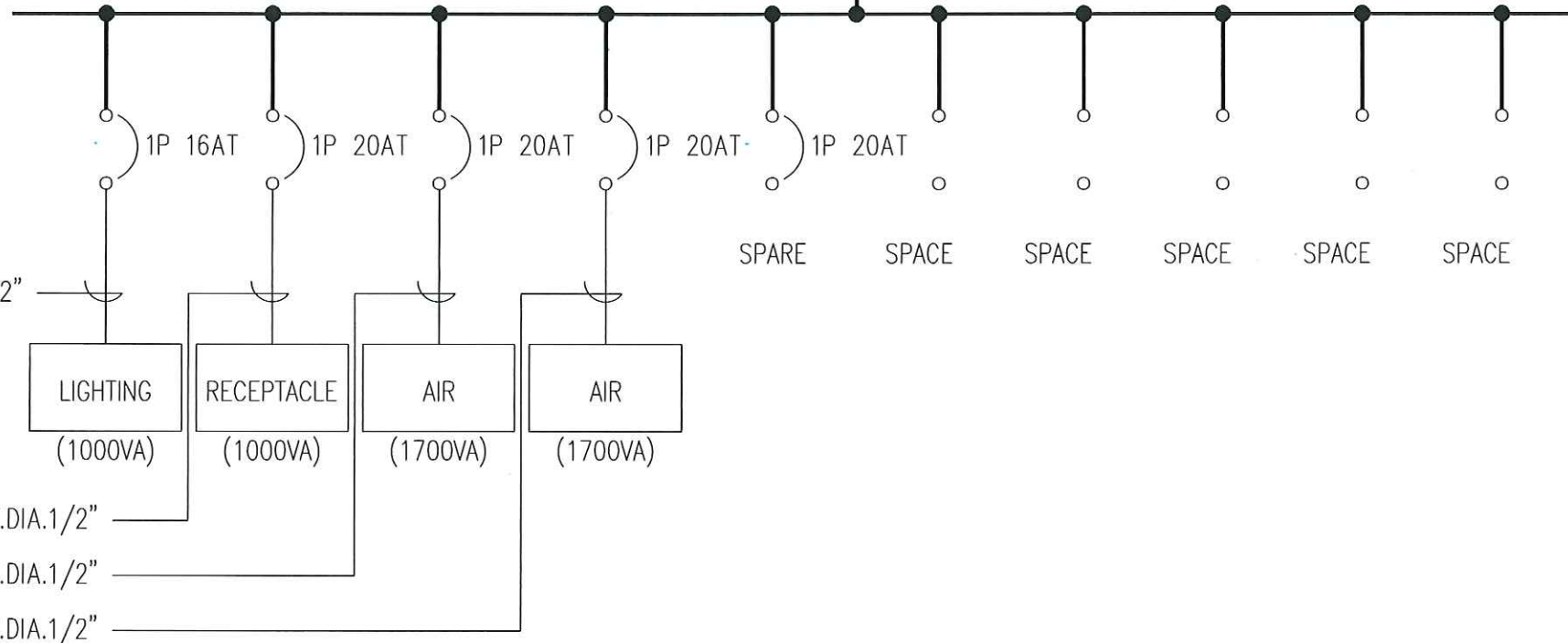
2x6/G-4SQ.MM. IN WW.100x100MM.

CU-11

CB 1C
IC ≥ 10 kA.
AT 400 VAC

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.

2x2.5sq.mm. IN EMT.DIA.1/2"



2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

OWNER :

CONSULTANT :



King Mongkut's Institute
of Technology Ladkrabang
Chalongkrung Road, Ladkrabang, Bangkok 10520
TEL. (+66) 2-329-8000 , FAX. (+66) 2-329-8204

CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE	
NAME	SONGKRIT TRERATPICHAN
REGISTER No.	๖๗๓ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU11_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1 OF : 1 SIZE : A3

DATE : SCALE :
NTS

DRAW BY :

CHECKED BY :

APPROVED BY :

FROM LP3A-17

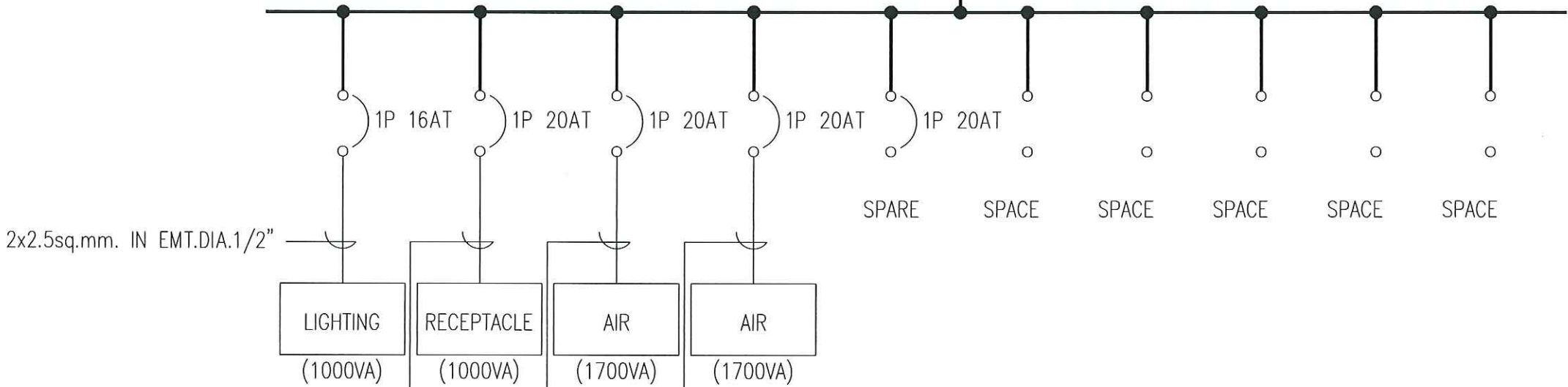


2x6/G-4SQ.MM. IN WW.100x100MM.

CU-12

CB 1C
IC ≥ 10 kA.
AT 400 VAC

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.



2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

OWNER :

CONSULTANT :



King Mongkut's Institute
of Technology Ladkrabang
Chalongkrung Road, Ladkrabang, Bangkok 10520
TEL. (+66) 2-329-8000 , FAX. (+66) 2-329-8204

CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE	
NAME	SONGKRIT TRERATPICHAN
REGISTER No.	๖๗๙ ๙๕๗

REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU12_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1 OF : 1 SIZE : A3

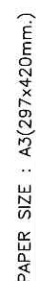
DATE : SCALE : NTS

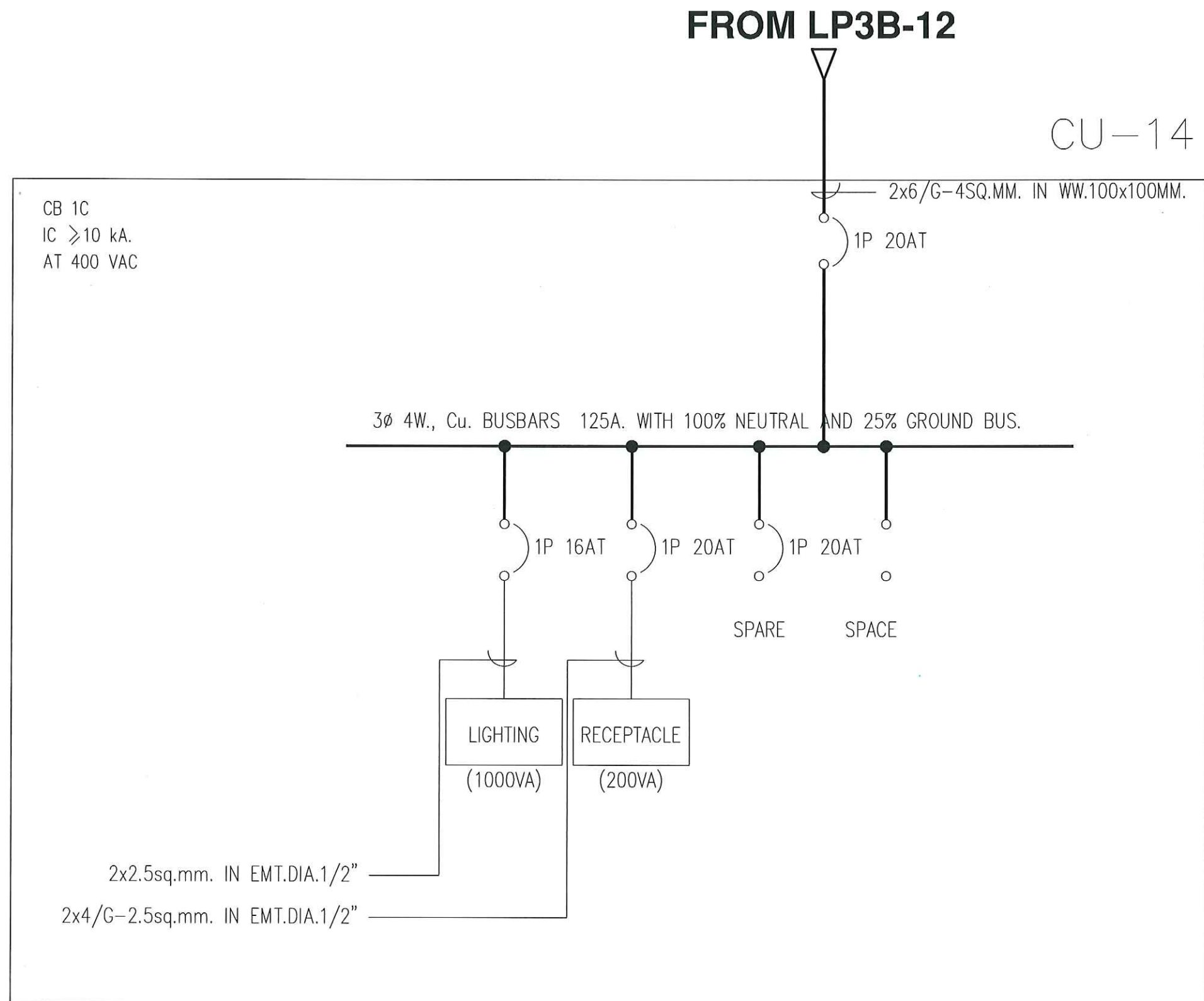
DRAW BY :

CHECKED BY :

APPROVED BY :

APPROVED BY :





OWNER :

CONSULTANT :



King Mongkut's Institute
of Technology Ladkrabang
Chalongkrung Road, Ladkrabang, Bangkok 10520
TEL. (+66) 2-329-8000 , FAX. (+66) 2-329-8204

CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE	
NAME	SONGKRIT TRERATPICHAN
REGISTER No.	วพท 957

REVISION			
No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU14_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1	OF : 1	SIZE : A3
DATE :	SCALE :	NTS
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APPROVED BY :		

FROM LP3B-19

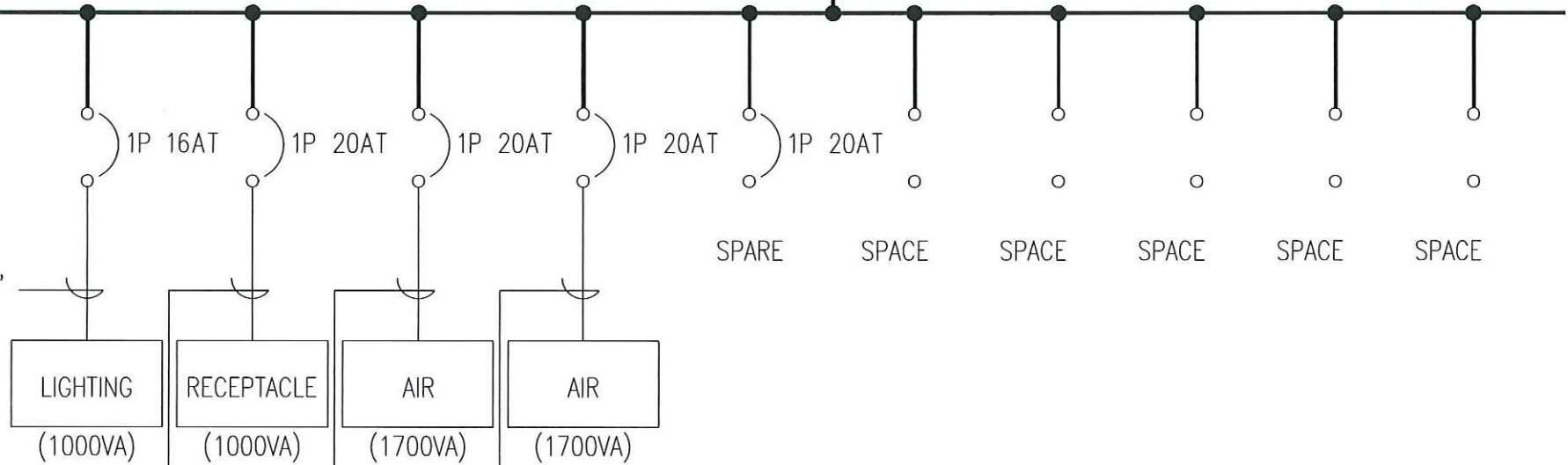


2x6/G-4SQ.MM. IN WW.100x100MM.

CU-15

CB 1C
IC ≥ 10 kA.
AT 400 VAC

3 ϕ 4W., Cu. BUSBARS 125A. WITH 100% NEUTRAL AND 25% GROUND BUS.



2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

2x4/G-2.5sq.mm. IN EMT.DIA.1/2"

OWNER :

CONSULTANT :



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CONTRACTOR :

PRELIMINARY

KEY PLAN

ENGINEER CERTIFICATION

SIGNATURE

NAME

SONGKRIT TRERATPICHAN

REGISTER No.

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REVISION

No.	DATE	BY	DESCRIPTION
1	07/20/18	-	PRELIMINARY

REVISION OF DRAWING : 0

PROJECT NAME :

Excise Department

DRAWING TITLE :

CU15_SINGLE LINE DIAGRAM

DRAWING No. :

EXD-20180720

SHEET : 1 OF : 1 SIZE : A3

DATE : SCALE :

NTS

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