

NOTE:  
ALL LIGHTS ARE INSTALLED IN SHOULDER, 3M FROM PAVEMENT EDGE.

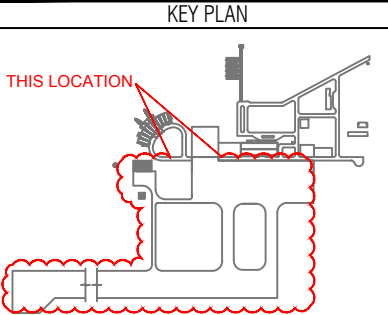
RUNWAY EDGE LIGHTS IN 06 END, GRID 01~13 & GRID 60~72 IS ILLUMINATED IN YELLOW COLOR  
RUNWAY EDGE LIGHTS IN 24 END, GRID 27~36 & GRID 37~46 IS ILLUMINATED IN YELLOW COLOR

AIRFIELD LIGHTING LAYOUT

Scale 1:7000



| SYMBOL | DESCRIPTION        | LOCATION                          | QTY |
|--------|--------------------|-----------------------------------|-----|
|        | EDGE LIGHTS        | RUNWAY EDGE                       | 73  |
|        | EDGE LIGHTS        | TAXIWAY, APRON & TURNING PAD EDGE | 38  |
|        | END LIGHTS         | RUNWAY END                        | 12  |
|        | INSET LIGHTS       | RUNWAY (GRID-1)                   | 01  |
|        | FLOOD LIGHTS/ MAST | APRON LANDSIDE EDGE               | 04  |
|        | APAPI              | 300M FROM RUNWAY PHYSICAL ENDS    | 02  |
|        | WIND CONE / WDI    | AS SHOWN                          | 01  |



19-08-2019  
M. PRABHU  
CONSULTANT SIGNATURE  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES  
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| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0001            | A4  |

| AS-BUILT    |            |
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| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
AIRFIELD LIGHTING LAYOUT

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM

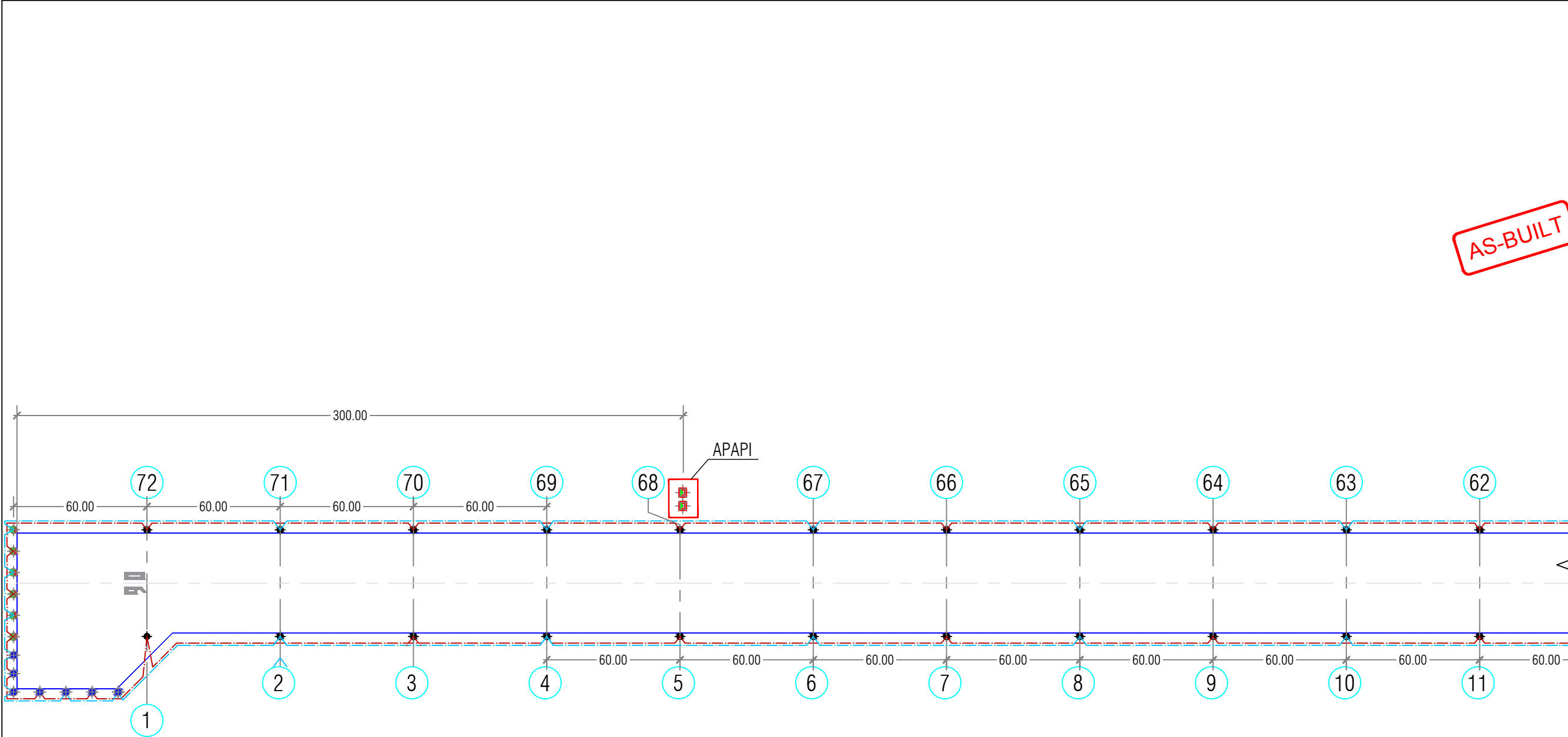
Funder:  
  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

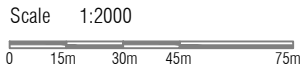
Consultant:

Supervision & Management Consultant:

Issue: AB Date: AUG-2019 Pages: 01 of 38  
Scale: N.T.S Paper: A3  
DWG #: T1713-TOS-33000-CV-DW-0001



RUNWAY LIGHTING LAYOUT (GRID 1~12 AND 61~72)



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

KEY PLAN

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
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APPROVAL OF REGIONAL AIRPORT  
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REV

T1713-TOS-33000-CV-DW-0002

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:

RUNWAY LIGHTING LAYOUT  
GRID 1~12 AND 61~72

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

TUFF

Consultant:

HOCHTIEF  
INDIA

Supervision & Management Consultant:

ARMSTRONG

Issue: AB

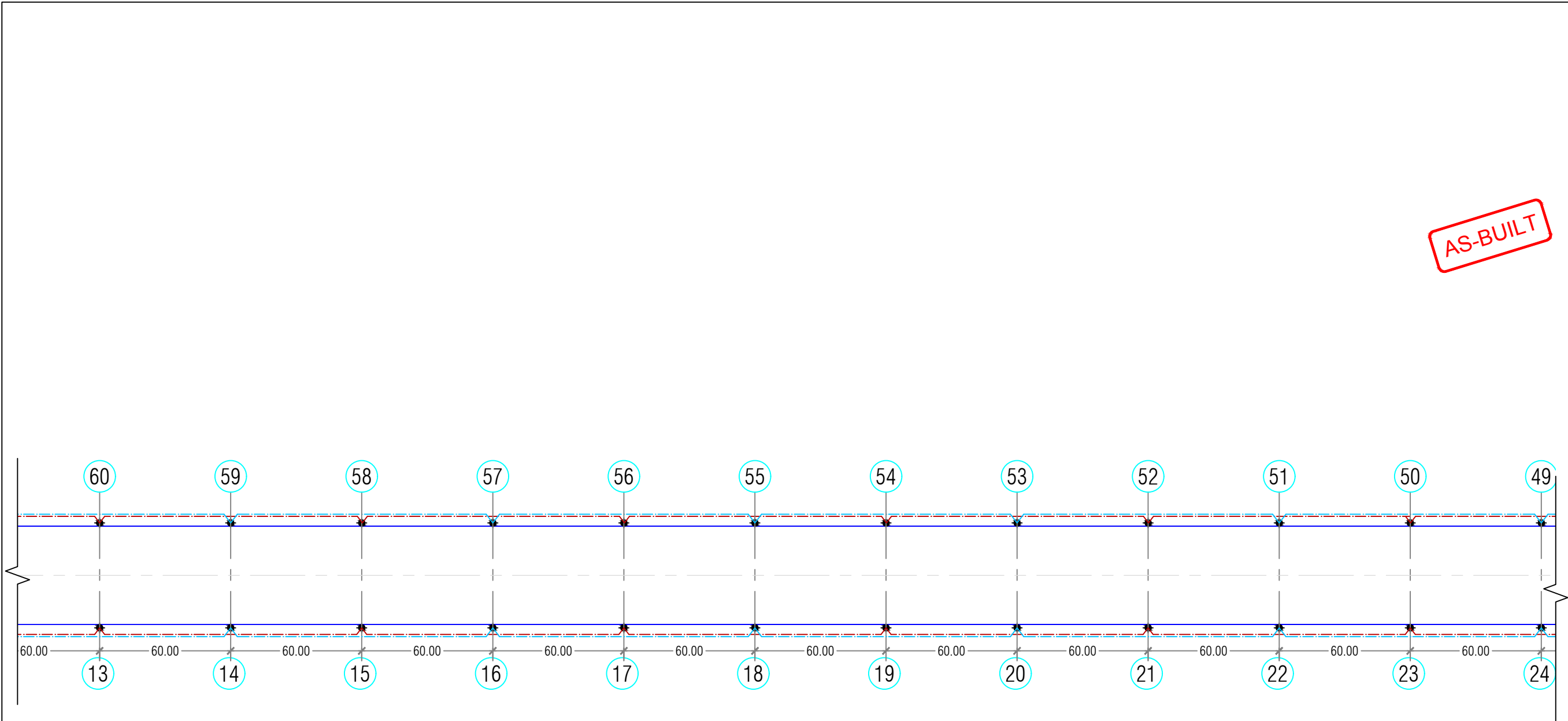
Date: AUG-2019

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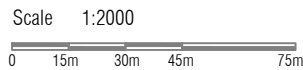
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Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0002



RUNWAY LIGHTING LAYOUT (GRID 13~24 AND 49~60)



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

KEY PLAN

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
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APPROVAL OF REGIONAL AIRPORT  
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REV

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A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:

RUNWAY LIGHTING LAYOUT  
GRID 13~24 AND 49~60

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

Consultant:

Supervision & Management Consultant:

Issue: AB

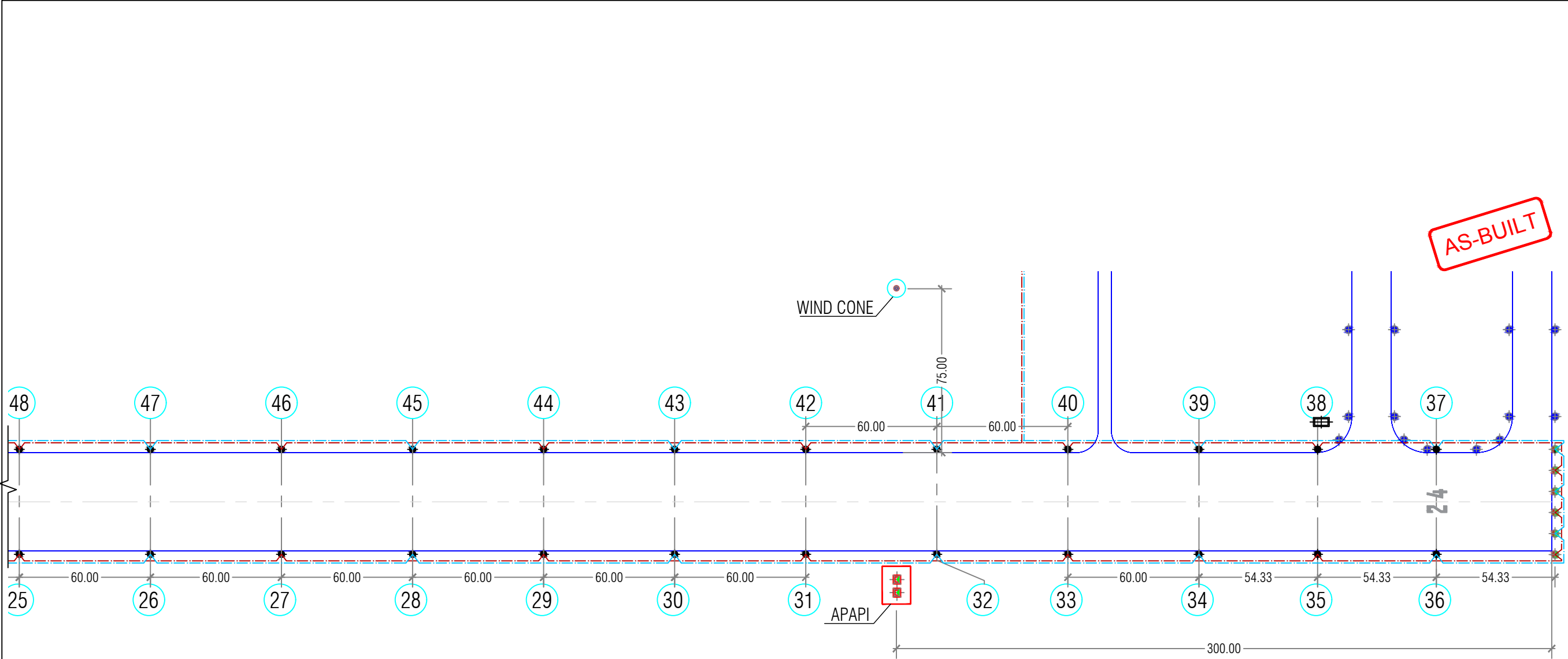
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Scale: N.T.S

Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0003



RUNWAY LIGHTING LAYOUT (GRID 25~48)



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

KEY PLAN

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REFERENCE CONSTRUCTION DRAWING NUMBER

T1713-TOS-33000-CV-DW-0004

REV

A4

AS-BUILT

Description

AS-BUILT

Date

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:

RUNWAY LIGHTING LAYOUT

GRID 25~48

Employer:

REGIONAL AIRPORTS

MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية

ABU DHABI FUND FOR DEVELOPMENT

Contractor:

TUFF

Consultant:

HOCHTIEF

INDIA

Supervision & Management Consultant:

ARMSTRONG

Issue:

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AUG-2019

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N.T.S

Paper:

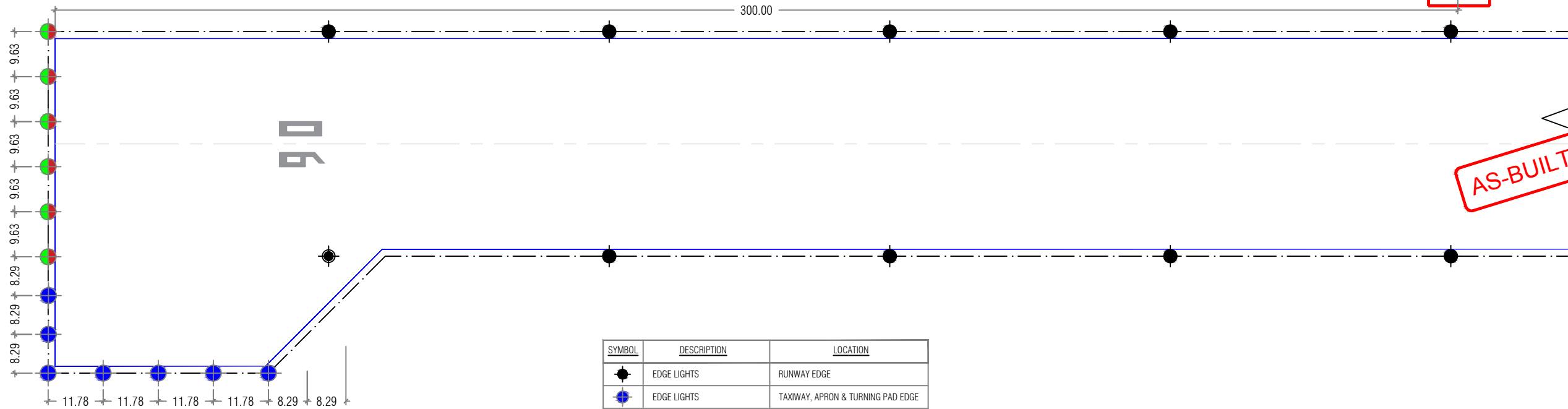
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DWG #:

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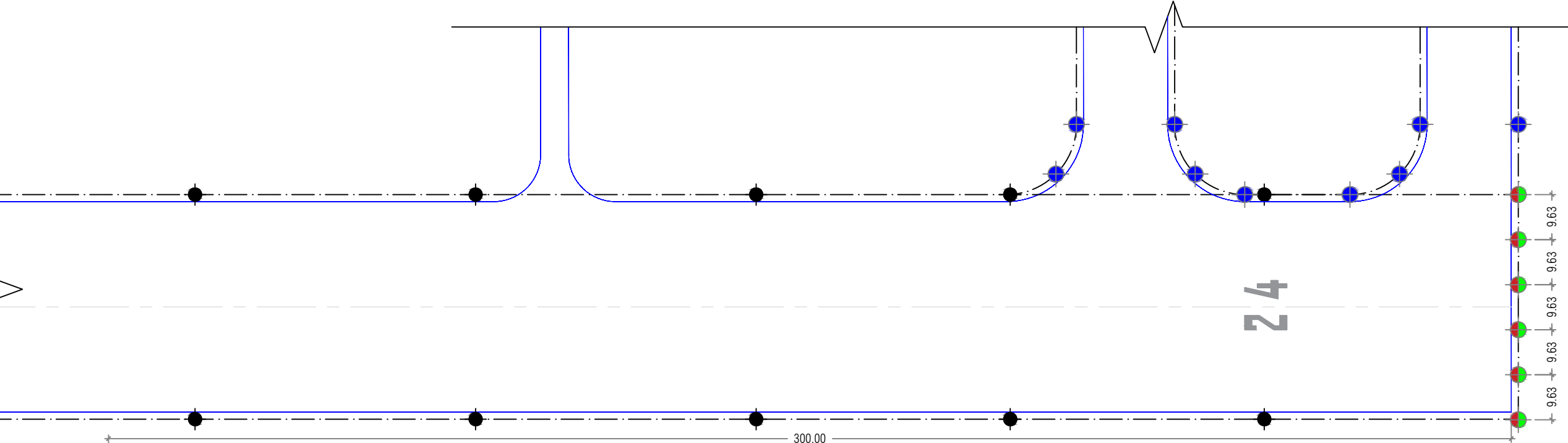


RUNWAY END DETAIL (06 END)

Scale 1:1000

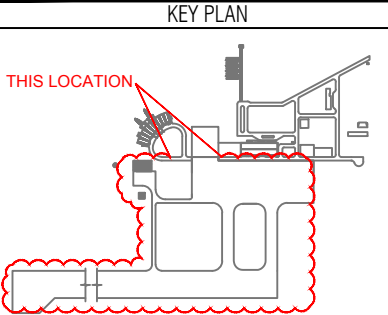
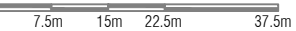


| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |



RUNWAY END DETAIL (24 END)

Scale 1:1000



19-08-2019  
M. PRABHU  
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MALDIVES  
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T1713-TOS-33000-CV-DW-0006  
REV  
A4

AS-BUILT  
Description  
Date  
AS-BUILT  
19/08/2019

DRAWING STATUS  
APPROVED  
REJECTED

N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
RUNWAY END LIGHT DETAILS  
06 & 24 END

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:  
  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:  
  
TUFF

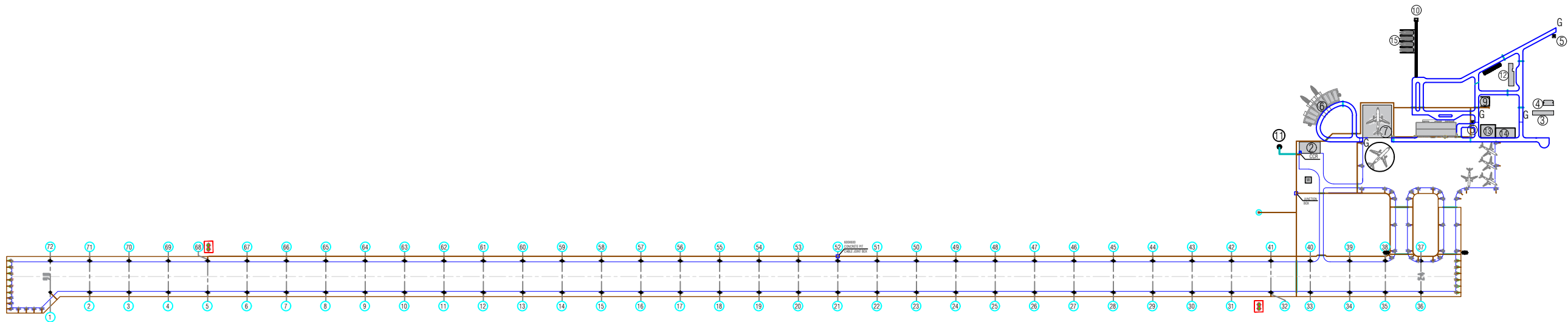
Consultant:  
  
HOCHTIEF  
INDIA

Supervision & Management Consultant:  
  
ARMSTRONG

Issue: AB  
Date: AUG-2019  
Pages: 06 of 38

Scale: N.T.S.  
Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0006

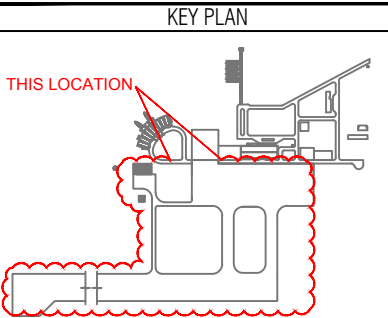
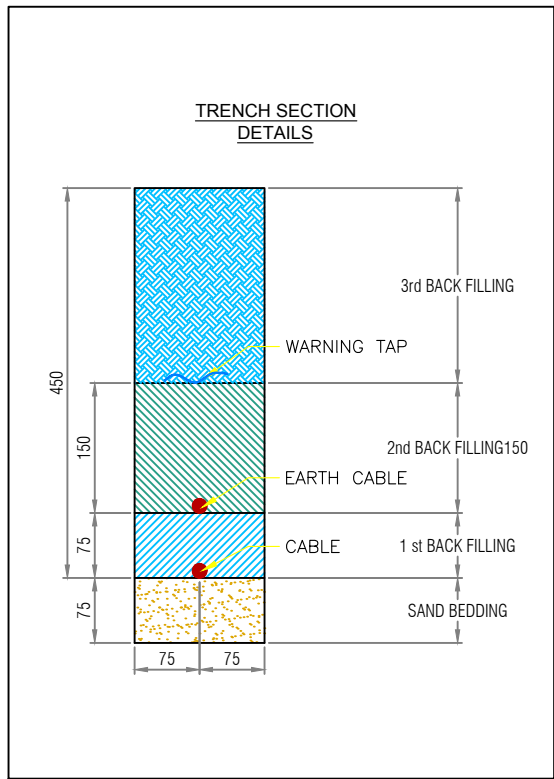


### CABLE TRENCH LAYOUT

Scale 1:7000



| SYMBOL | DESCRIPTION                      | SIZE        | LENGTH |
|--------|----------------------------------|-------------|--------|
|        | CABLE TRENCH 8M FROM RUNWAY EDGE | 600 MM WIDE | 7218M  |
|        | SERVICE DUCT                     | -           | -      |



|                              |      |
|------------------------------|------|
| 19-08-2019                   |      |
| M. PRABHU                    | DATE |
| CONSULTANT SIGNATURE         |      |
| APPROVAL OF REGIONAL AIRPORT |      |
| MALDIVES                     | DATE |

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0007            | A4  |

| AS-BUILT    |            |
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| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

### N. MAAFARU AIRPORT

#### AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:

CABLE TRENCH LAYOUT

Employer:

REGIONAL AIRPORTS

MINISTRY OF TOURISM

Funder:



صندوق أبوظبي للتنمية

ABU DHABI FUND FOR DEVELOPMENT

Contractor:



Consultant:



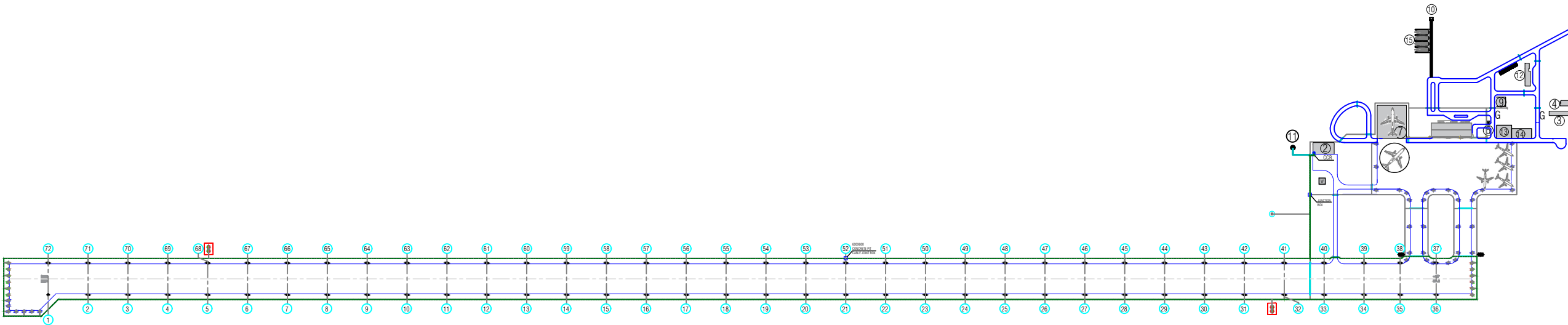
Supervision & Management Consultant:



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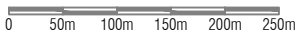
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DWG #: T1713-TOS-33000-CV-DW-0007

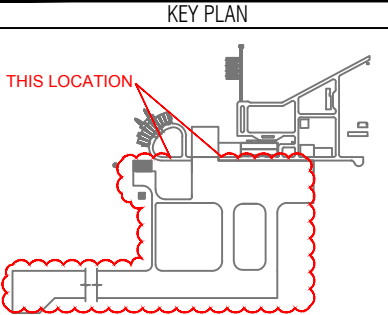


AGL CABLE - A (PRIMARY & SECONDARY) LAYOUT

Scale 1:7000



| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - A (CIRCUIT WRE 1 CONNECTED TO CCR 1) | 6MM <sup>2</sup> ( 1 CORE)    |
|        | AGL SECONDARY CABLE - A                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |



|                              |      |
|------------------------------|------|
| 19-08-2019                   |      |
| M. PRABHU                    | DATE |
| CONSULTANT SIGNATURE         |      |
| APPROVAL OF REGIONAL AIRPORT |      |
| MALDIVES                     | DATE |

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0008            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

**N. MAAFARU AIRPORT**  
AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:  
AGL CABLE - A (PRIMARY & SECONDARY) LAYOUT

Employer:  
**REGIONAL AIRPORTS**  
MINISTRY OF TOURISM

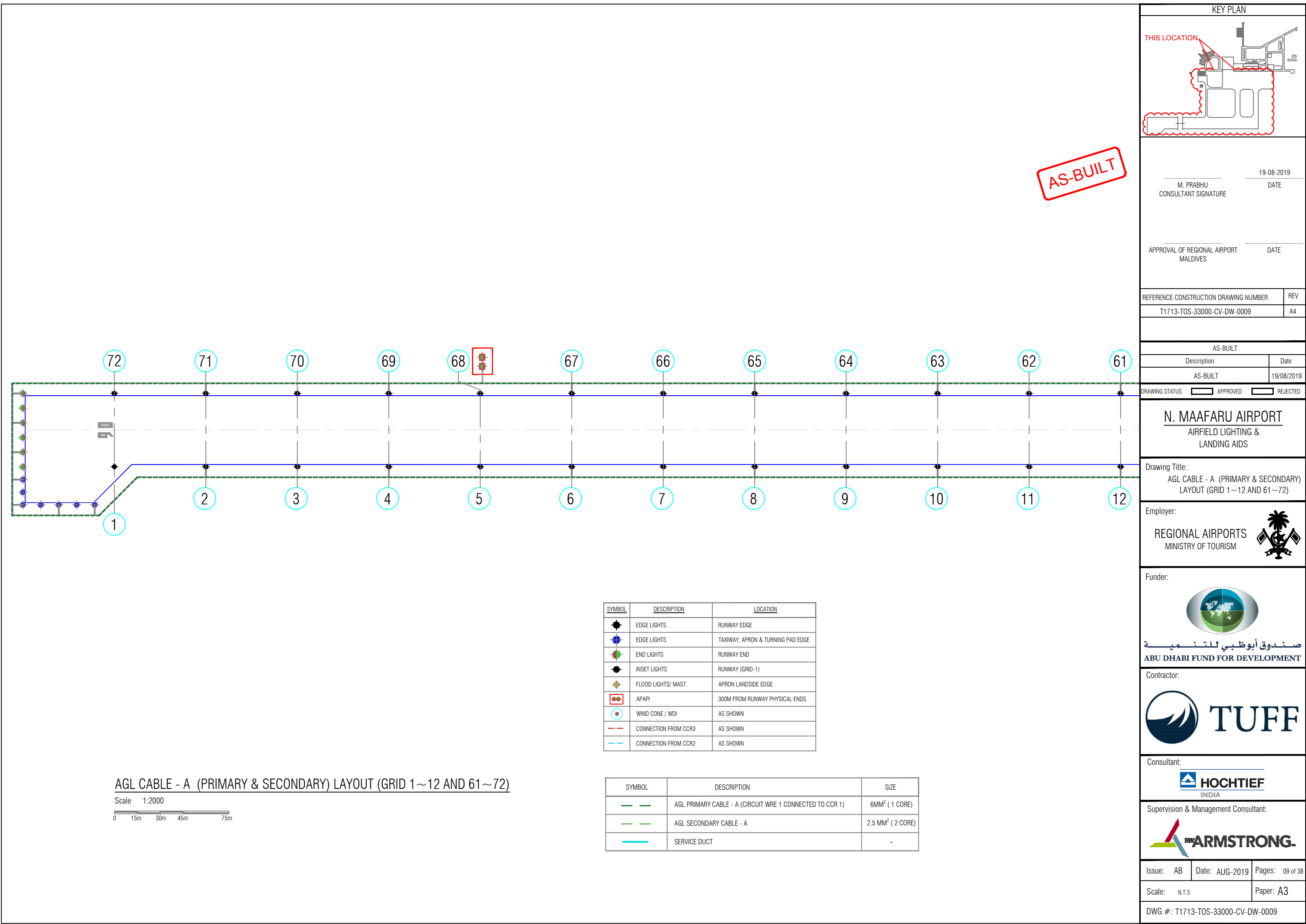
Funder:  
  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:  
 **TUFF**

Consultant:  
 **HOCHTIEF**  
INDIA

Supervision & Management Consultant:  
 **ARMSTRONG**

|                                   |                |                 |
|-----------------------------------|----------------|-----------------|
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| DWG #: T1713-TOS-33000-CV-DW-0008 |                |                 |



KEY PLAN

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

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MALDIVES

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REFERENCE CONSTRUCTION DRAWING NUMBER

REV

T1713-TOS-33000-CV-DW-0009

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

☒ APPROVED

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N. MAAFARU AIRPORT

AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:

AGL CABLE - A (PRIMARY & SECONDARY) LAYOUT (GRID 1~12 AND 61~72)

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

TUFF

Consultant:

HOCHTIEF  
INDIA

Supervision & Management Consultant:

ARMSTRONG

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Date: AUG-2019

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Paper: A3

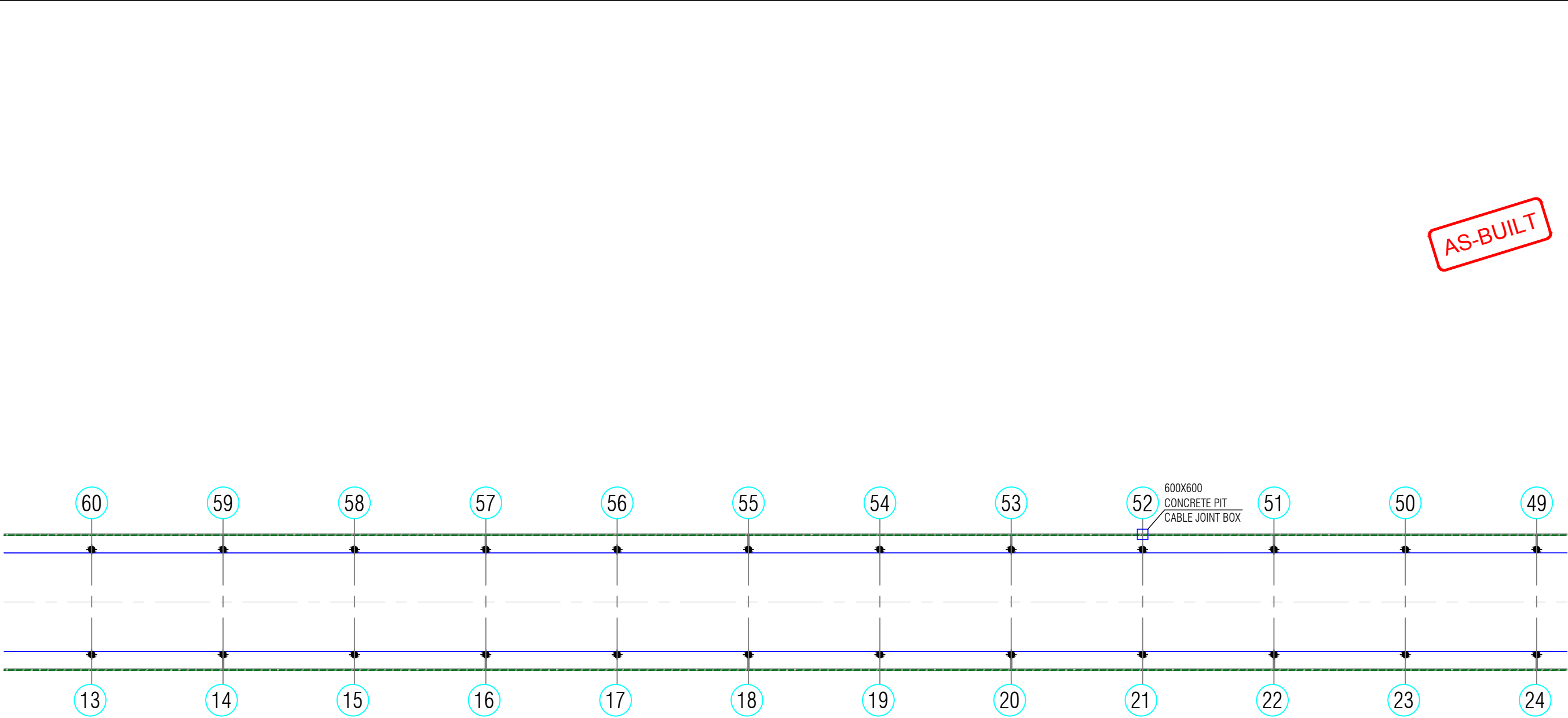
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AGL CABLE - A (PRIMARY & SECONDARY) LAYOUT (GRID 1~12 AND 61~72)

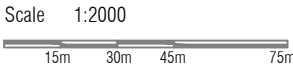


| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - A (CIRCUIT WRE 1 CONNECTED TO CCR 1) | 6MM <sup>2</sup> ( 1 CORE)    |
|        | AGL SECONDARY CABLE - A                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |

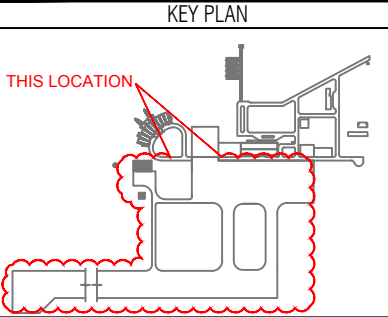


AGL CABLE - A (PRIMARY & SECONDARY) LAYOUT (GRID 13~24 AND 49~60)



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - A (CIRCUIT WRE 1 CONNECTED TO CCR 1) | 6MM <sup>2</sup> ( 1 CORE)    |
|        | AGL SECONDARY CABLE - A                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |



M. PRABHU

CONSULTANT SIGNATURE

19-08-2019

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APPROVAL OF REGIONAL AIRPORT

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| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0010            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

**N. MAAFARU AIRPORT**  
AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:  
AGL CABLE - A (PRIMARY & SECONDARY)  
LAYOUT (GRID 13~24 AND 49~60)

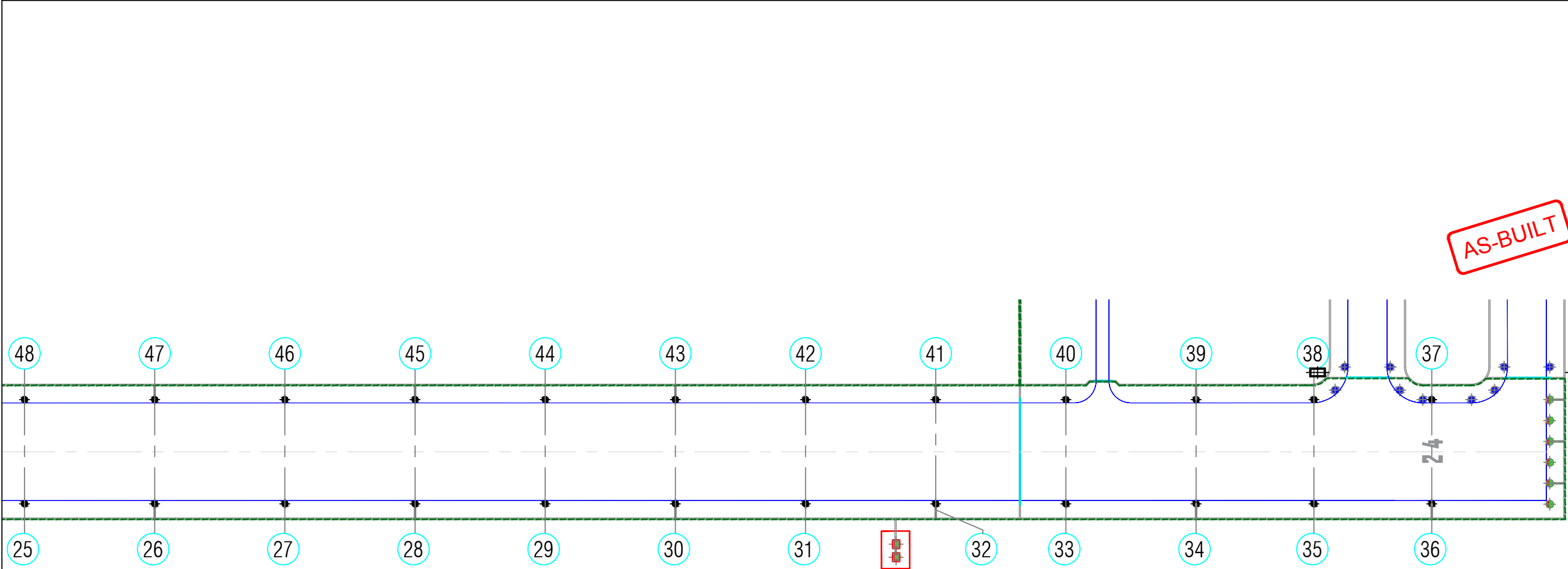
Employer:  
**REGIONAL AIRPORTS**  
MINISTRY OF TOURISM

Funder:  
  
**صندوق أبوظبي للتنمية**  
**ABU DHABI FUND FOR DEVELOPMENT**

Contractor:  
  
**TUFF**

Consultant:  
  
**HOCHTIEF**  
INDIA

Supervision & Management Consultant:  
  
**ARMSTRONG**



AGL CABLE - A (PRIMARY & SECONDARY) LAYOUT (GRID 25~48)



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - A (CIRCUIT WRE 1 CONNECTED TO CCR 1) | 6MM <sup>2</sup> ( 1 CORE)    |
|        | AGL SECONDARY CABLE - A                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |

KEY PLAN

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
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MALDIVES

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REV

T1713-TOS-33000-CV-DW-0011

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:

AGL CABLE - A (PRIMARY & SECONDARY)  
LAYOUT (GRID 25~48)

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

Consultant:

Supervision & Management Consultant:

Issue: AB

Date: AUG-2019

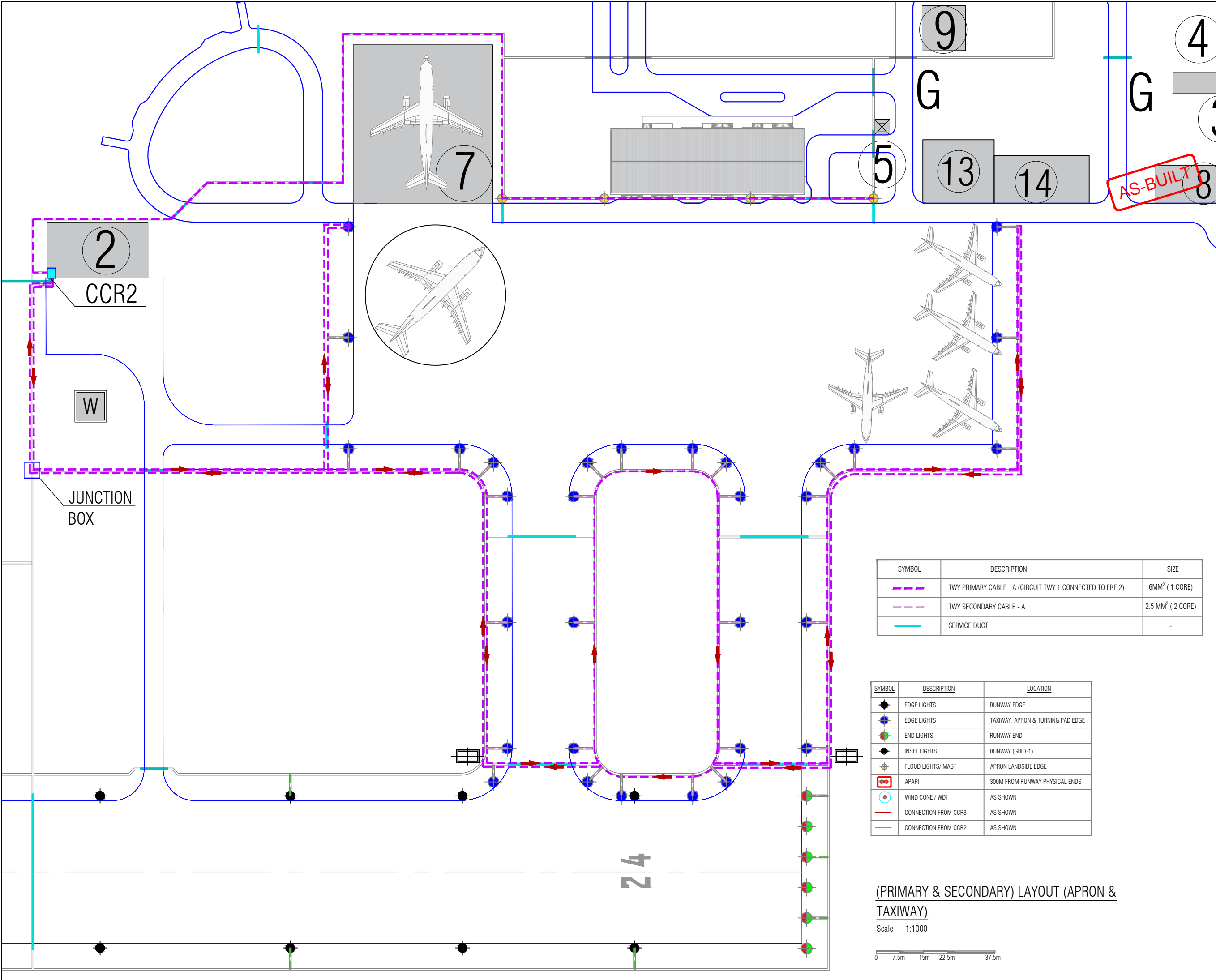
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Scale: N.T.S

Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0011

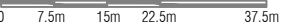




| SYMBOL | DESCRIPTION  | SIZE              |
|--------|--|-------------------|
|        | TWY PRIMARY CABLE - A (CIRCUIT TWY 1 CONNECTED TO ERE 2) | 6MM² ( 1 CORE)    |
|        | TWY SECONDARY CABLE - A                                  | 2.5 MM² ( 2 CORE) |
|        | SERVICE DUCT   | -                 |

| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

(PRIMARY & SECONDARY) LAYOUT (APRON & TAXIWAY)  
Scale 1:1000



KEY PLAN

M. PRABHU

CONSULTANT SIGNATURE

19-08-2019

DATE

APPROVAL OF REGIONAL AIRPORT

MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

T1713-TOS-33000-CV-DW-0012

REV

A4

AS-BUILT

Description

AS-BUILT

Date

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:

AGL CABLE - A (PRIMARY & SECONDARY) LAYOUT (APRON & TAXIWAY)

Employer:

REGIONAL AIRPORTS

MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية

ABU DHABI FUND FOR DEVELOPMENT

Contractor:

TUFF

Consultant:

HOCHTIEF

INDIA

Supervision & Management Consultant:

ARMSTRONG

Issue: AB

Date: AUG-2019

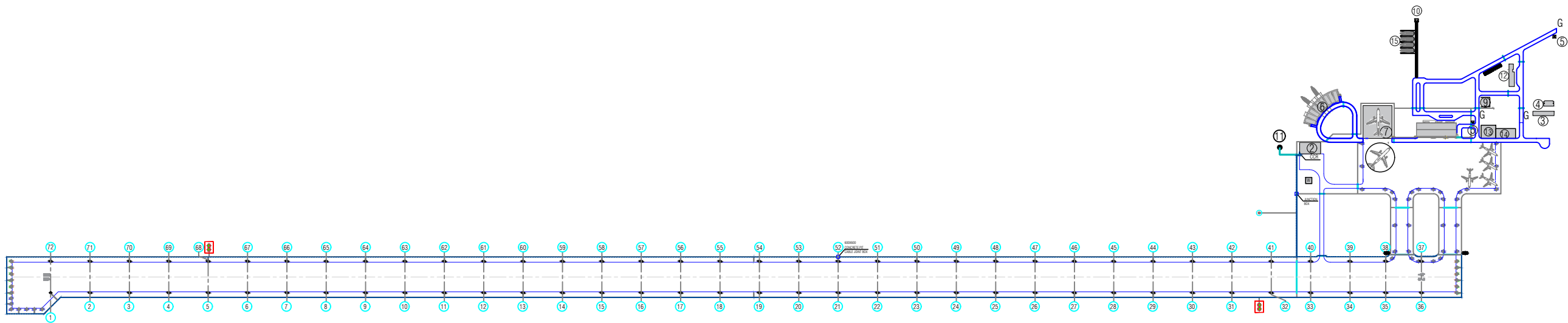
Pages: 12 of 38

Scale: N.T.S

Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0012





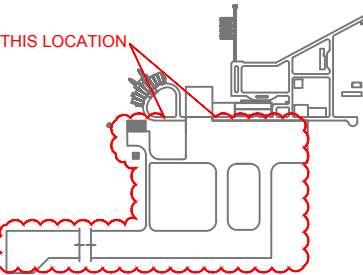
AGL PRIMARY CABLE - B LAYOUT

Scale 1:7000



| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - B (CIRCUIT ERE 2 CONNECTED TO CCR 2) | 6 MM <sup>2</sup> ( 1 CORE)   |
|        | AGL SECONDARY CABLE - B                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |

KEY PLAN



M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0013            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
AGL PRIMARY CABLE - B LAYOUT

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM



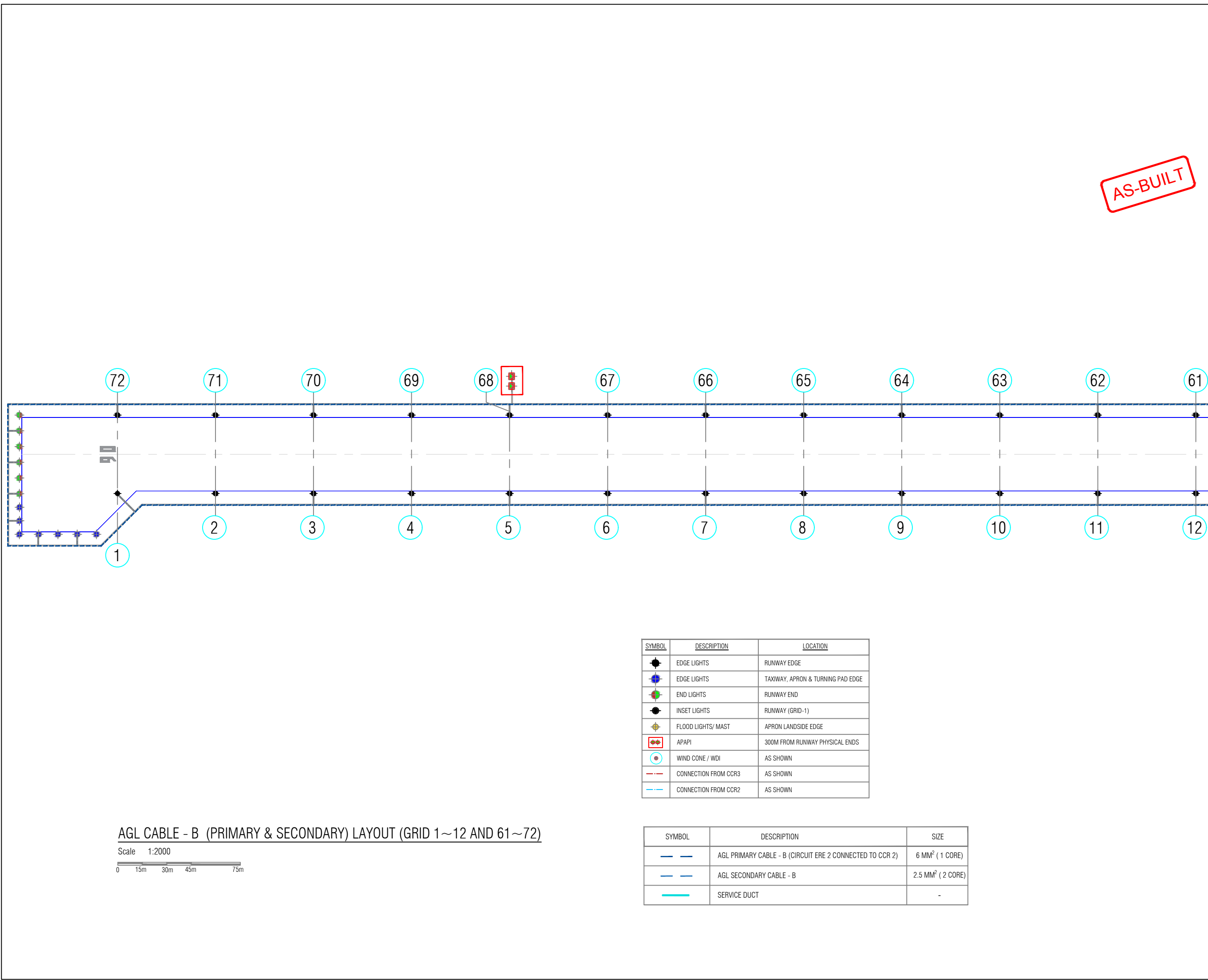
Funder:  
  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:  
  
TUFF

Consultant:  
  
HOCHTIEF  
INDIA

Supervision & Management Consultant:  
  
ARMSTRONG

|                                   |                |                 |
|-----------------------------------|----------------|-----------------|
| Issue: AB                         | Date: AUG-2019 | Pages: 13 of 38 |
| Scale: N.T.S                      | Paper: A3      |                 |
| DWG #: T1713-TOS-33000-CV-DW-0013 |                |                 |



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - B (CIRCUIT ERE 2 CONNECTED TO CCR 2) | 6 MM <sup>2</sup> ( 1 CORE)   |
|        | AGL SECONDARY CABLE - B                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |

KEY PLAN

AS-BUILT

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

REV

T1713-TOS-33000-CV-DW-0014

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:

AGL CABLE - B (PRIMARY & SECONDARY) LAYOUT (GRID 1~12 AND 61~72)

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

Consultant:

INDIA

Supervision & Management Consultant:

Issue: AB

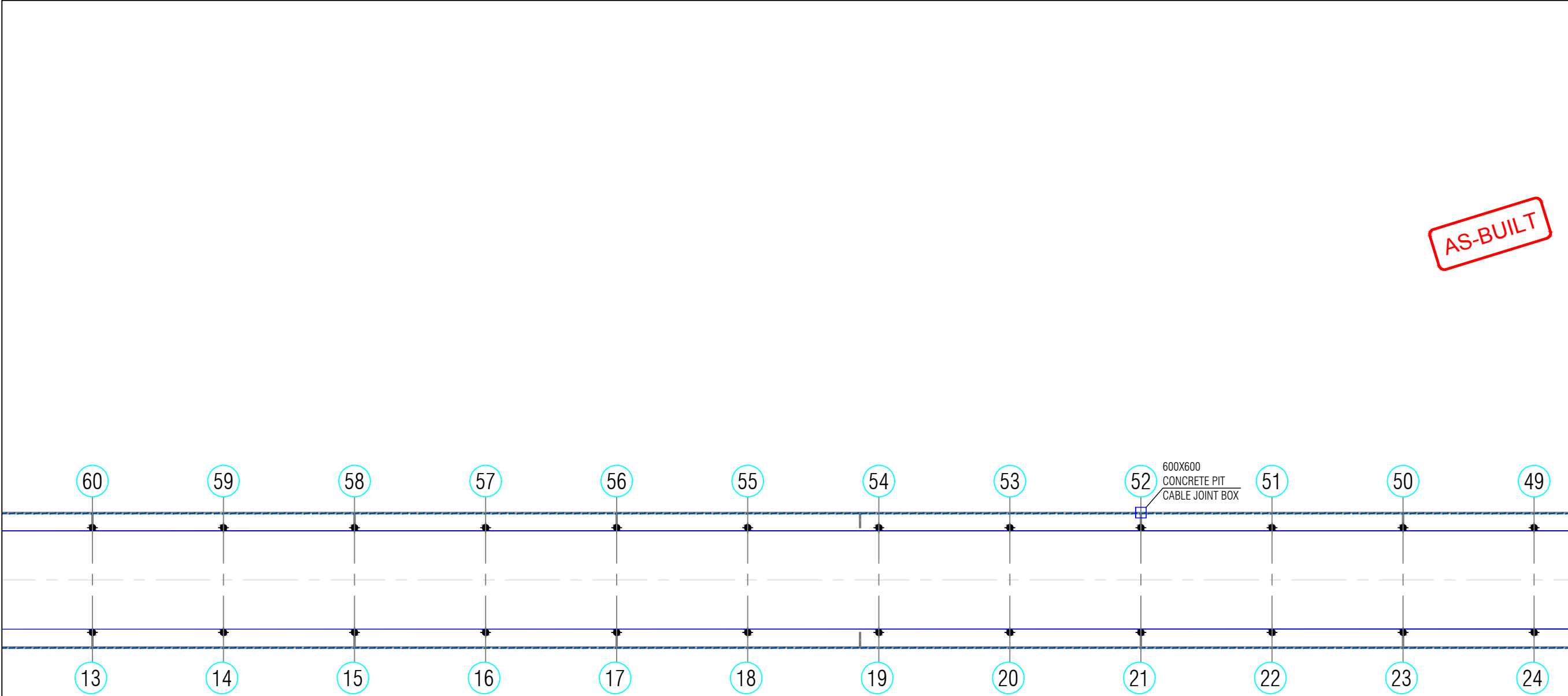
Date: AUG-2019

Pages: 14 of 38

Scale: N.T.S

Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0014



AGL CABLE - B (PRIMARY & SECONDARY) LAYOUT (GRID 13~24 AND 49~60)



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - B (CIRCUIT ERE 2 CONNECTED TO CCR 2) | 6 MM <sup>2</sup> ( 1 CORE)   |
|        | AGL SECONDARY CABLE - B                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |

KEY PLAN

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

REV

T1713-TOS-33000-CV-DW-0015

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:

AGL CABLE - B (PRIMARY & SECONDARY)  
LAYOUT (GRID 13~24 AND 49~60)

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

Consultant:

Supervision & Management Consultant:

Issue: AB

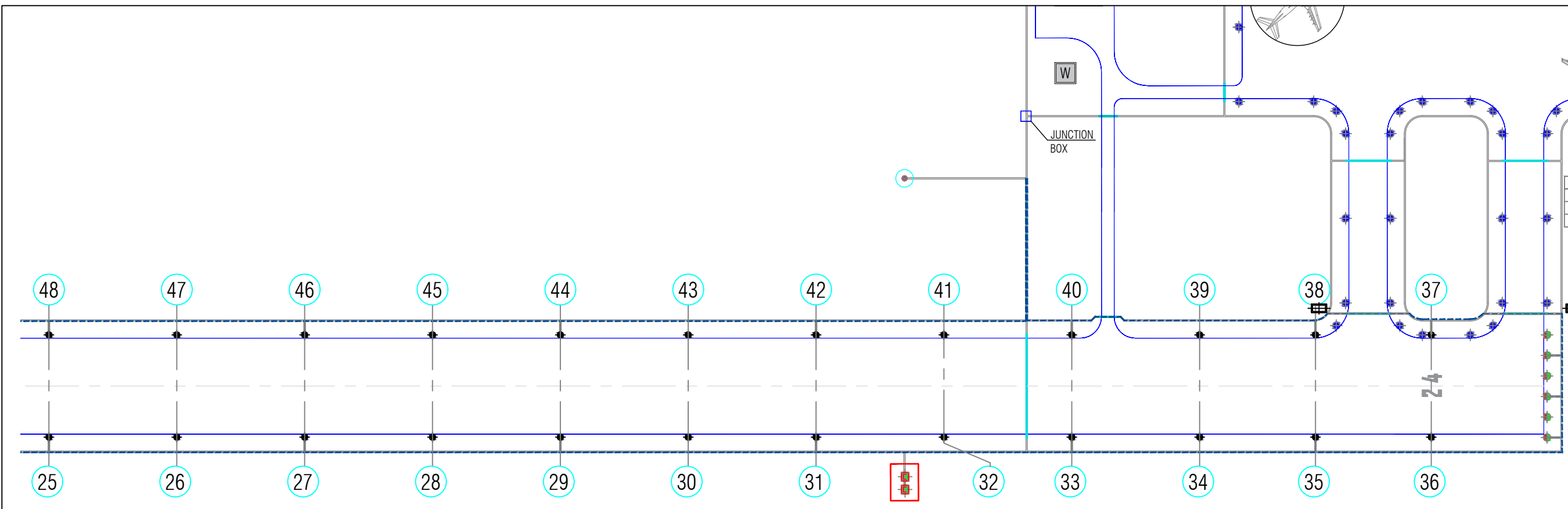
Date: AUG-2019

Pages: 15 of 38

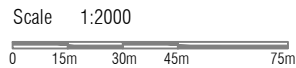
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Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0015



AGL CABLE - B (PRIMARY & SECONDARY) LAYOUT (GRID 25~48)



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - B (CIRCUIT ERE 2 CONNECTED TO CCR 2) | 6 MM <sup>2</sup> ( 1 CORE)   |
|        | AGL SECONDARY CABLE - B                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |

KEY PLAN

M. PRABHU

CONSULTANT SIGNATURE

19-08-2019

DATE

APPROVAL OF REGIONAL AIRPORT

MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

T1713-TOS-33000-CV-DW-0016

REV

A4

AS-BUILT

Description

AS-BUILT

Date

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:

AGL CABLE - B (PRIMARY & SECONDARY) LAYOUT (GRID 25~48)

Employer:

REGIONAL AIRPORTS

MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية

ABU DHABI FUND FOR DEVELOPMENT

Contractor:

TUFF

Consultant:

HOCHTIEF

INDIA

Supervision & Management Consultant:

ARMSTRONG

Issue: AB

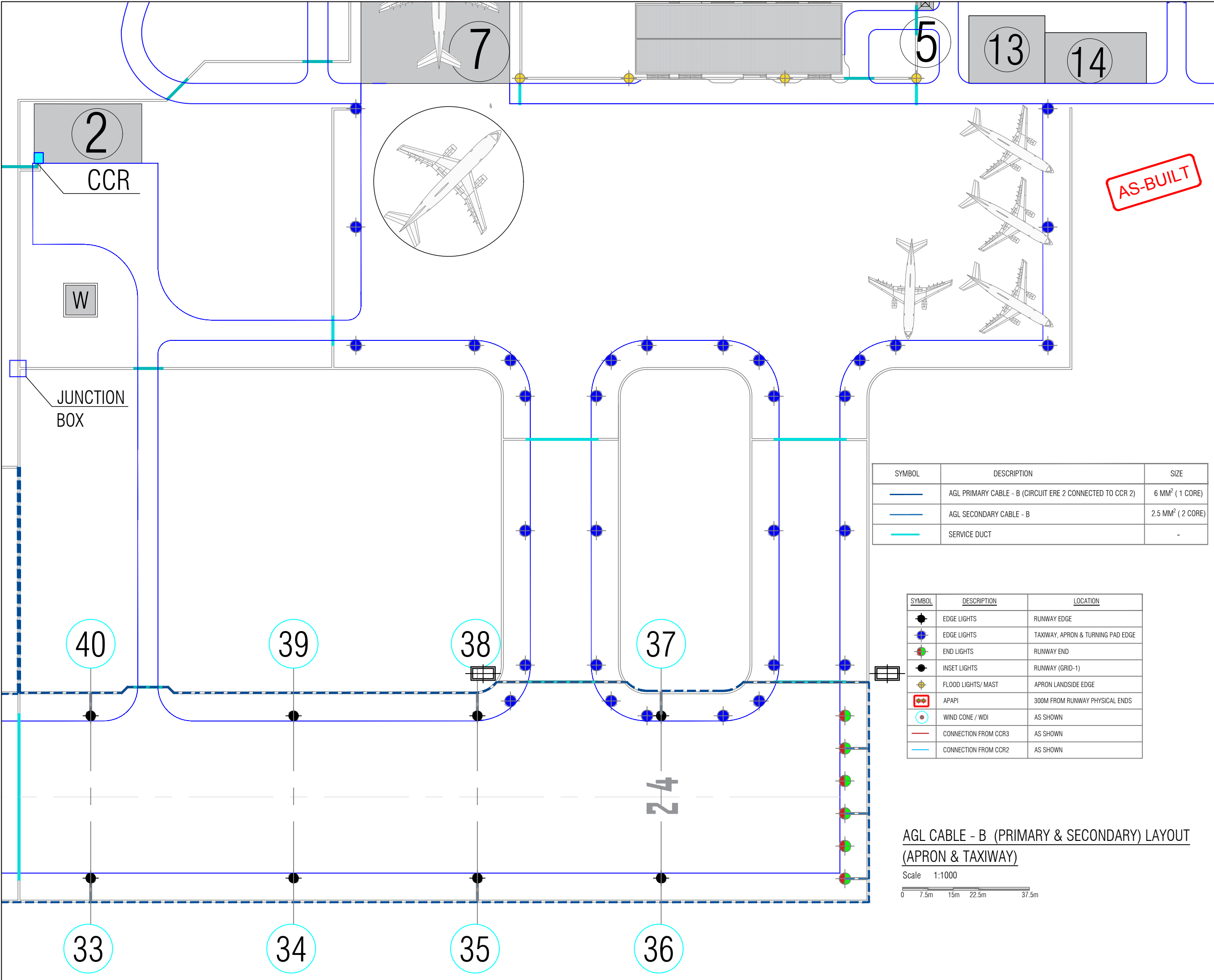
Date: AUG-2019

Pages: 16 of 38

Scale: N.T.S

Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0016



| SYMBOL | DESCRIPTION  | SIZE                          |
|--------|--|-------------------------------|
|        | AGL PRIMARY CABLE - B (CIRCUIT ERE 2 CONNECTED TO CCR 2) | 6 MM <sup>2</sup> ( 1 CORE)   |
|        | AGL SECONDARY CABLE - B                                  | 2.5 MM <sup>2</sup> ( 2 CORE) |
|        | SERVICE DUCT   | -                             |

| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

AGL CABLE - B (PRIMARY & SECONDARY) LAYOUT  
(APRON & TAXIWAY)

Scale 1:1000  
0 7.5m 15m 22.5m 37.5m

KEY PLAN

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

REV

T1713-TOS-33000-CV-DW-0017

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:

AGL CABLE - B (PRIMARY & SECONDARY)  
LAYOUT (APRON & TAXIWAY)

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

TUFF

Consultant:

HOCHTIEF  
INDIA

Supervision & Management Consultant:

ARMSTRONG

Issue: AB

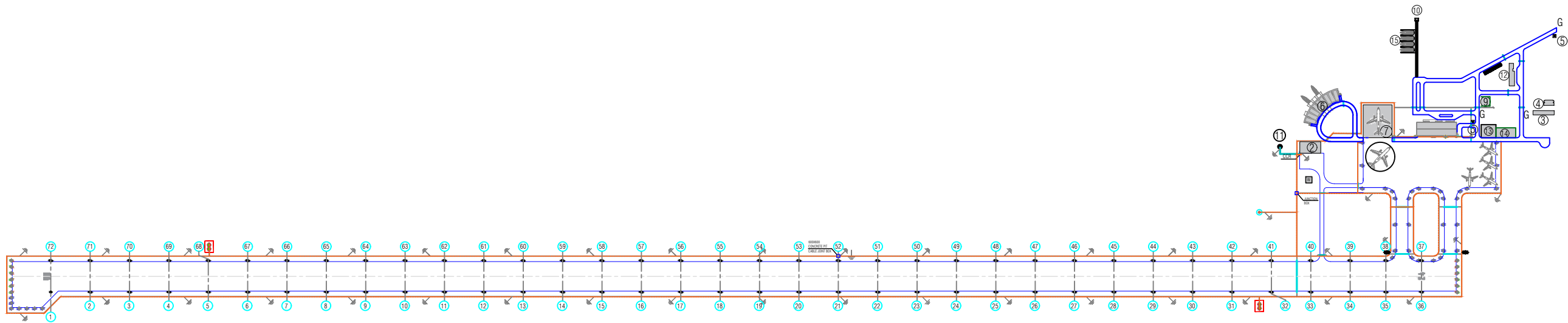
Date: AUG-2019

Pages: 17 of 38

Scale: N.T.S

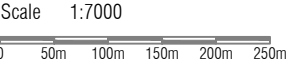
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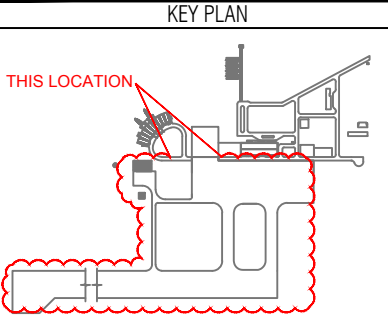


AS-BUILT

EARTH CABLE LAYOUT



| SYMBOL | DESCRIPTION                                      | SIZE               | LENGTH   |
|--------|--|--------------------|----------|
|        | EARTH CABLE                                      | 16 MM <sup>2</sup> | 10,000 M |
|        | COUNTERPOISE EARTH ROD<br>PLACED DIST < 125M C/C | -                  | 46 NOS   |
|        | SERVICE DUCT                                     | -                  | -        |



|                              |      |
|------------------------------|------|
| 19-08-2019                   |      |
| M. PRABHU                    | DATE |
| CONSULTANT SIGNATURE         |      |
| APPROVAL OF REGIONAL AIRPORT |      |
| MALDIVES                     | DATE |

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0018            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
EARTH CABLE LAYOUT

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM



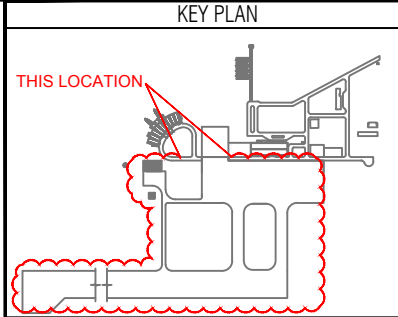
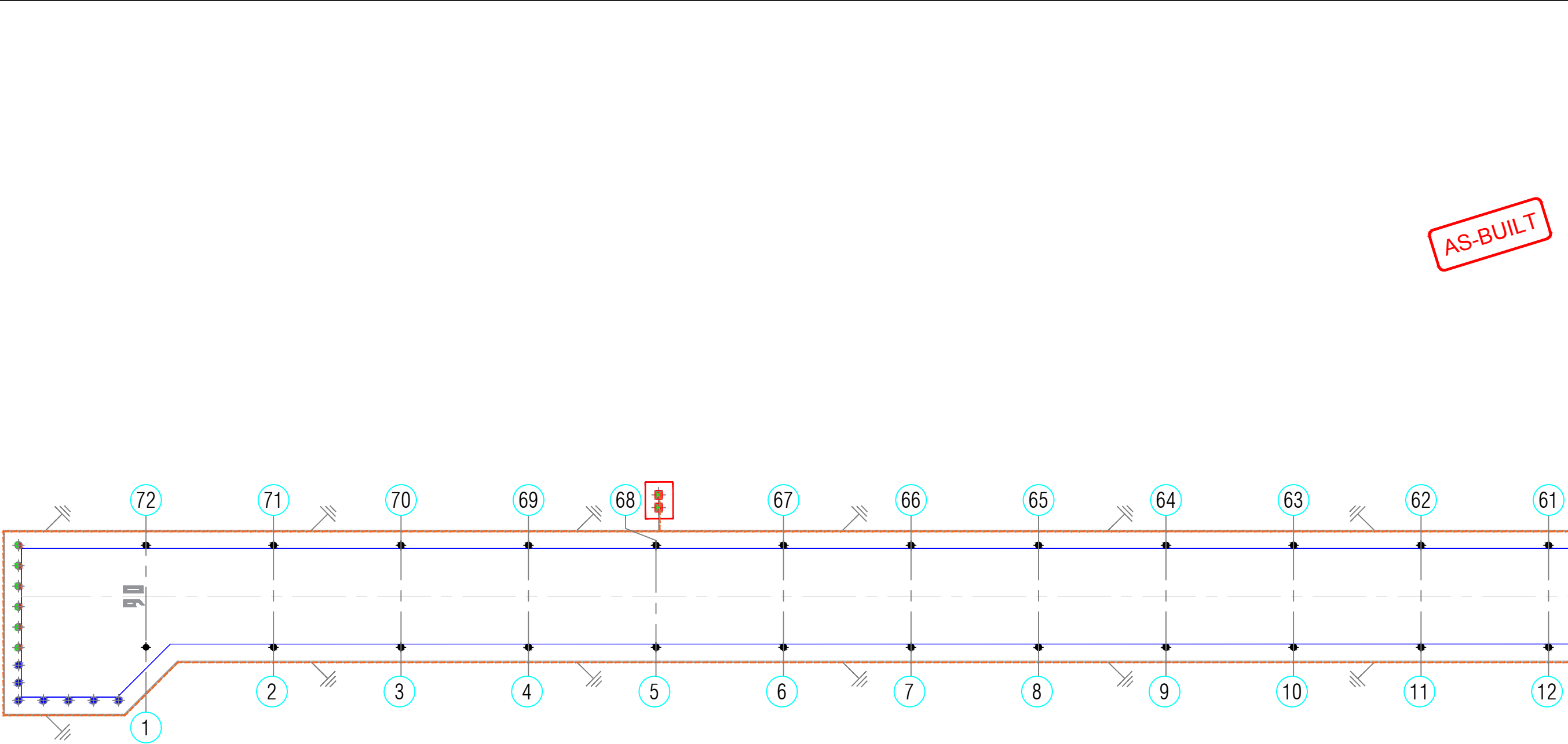
Funder:  
  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:  
  
TUFF

Consultant:  
  
HOCHTIEF  
INDIA

Supervision & Management Consultant:  
  
ARMSTRONG

|                                   |                |                 |
|-----------------------------------|----------------|-----------------|
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| Scale: N.T.S                      | Paper: A3      |                 |
| DWG #: T1713-TOS-33000-CV-DW-0018 |                |                 |



19-08-2019

DATE

M. PRABHU

CONSULTANT SIGNATURE

APPROVAL OF REGIONAL AIRPORT

MALDIVES

DATE

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0019            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS

☒ APPROVED

☐ REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:

EARTH CABLE LAYOUT  
(GRID 1~12 AND 61~72)

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

 TUFF

Consultant:

 HOCHTIEF  
INDIA

Supervision & Management Consultant:

 ARMSTRONG

Issue: AB










Date: AUG-2019




Pages: 19 of 38

Scale: N.T.S

Paper: A3

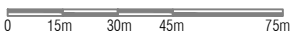
DWG #: T1713-TOS-33000-CV-DW-0019

| SYMBOL  | DESCRIPTION          | LOCATION                          |
|---|----------------------|-----------------------------------|
|  | EDGE LIGHTS          | RUNWAY EDGE                       |
|  | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|  | END LIGHTS           | RUNWAY END                        |
|  | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|  | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|  | AAPI                 | 300M FROM RUNWAY PHYSICAL ENDS    |
|  | WIND CONE / WDI      | AS SHOWN                          |
|  | CONNECTION FROM CCR3 | AS SHOWN                          |
|  | CONNECTION FROM CCR2 | AS SHOWN                          |

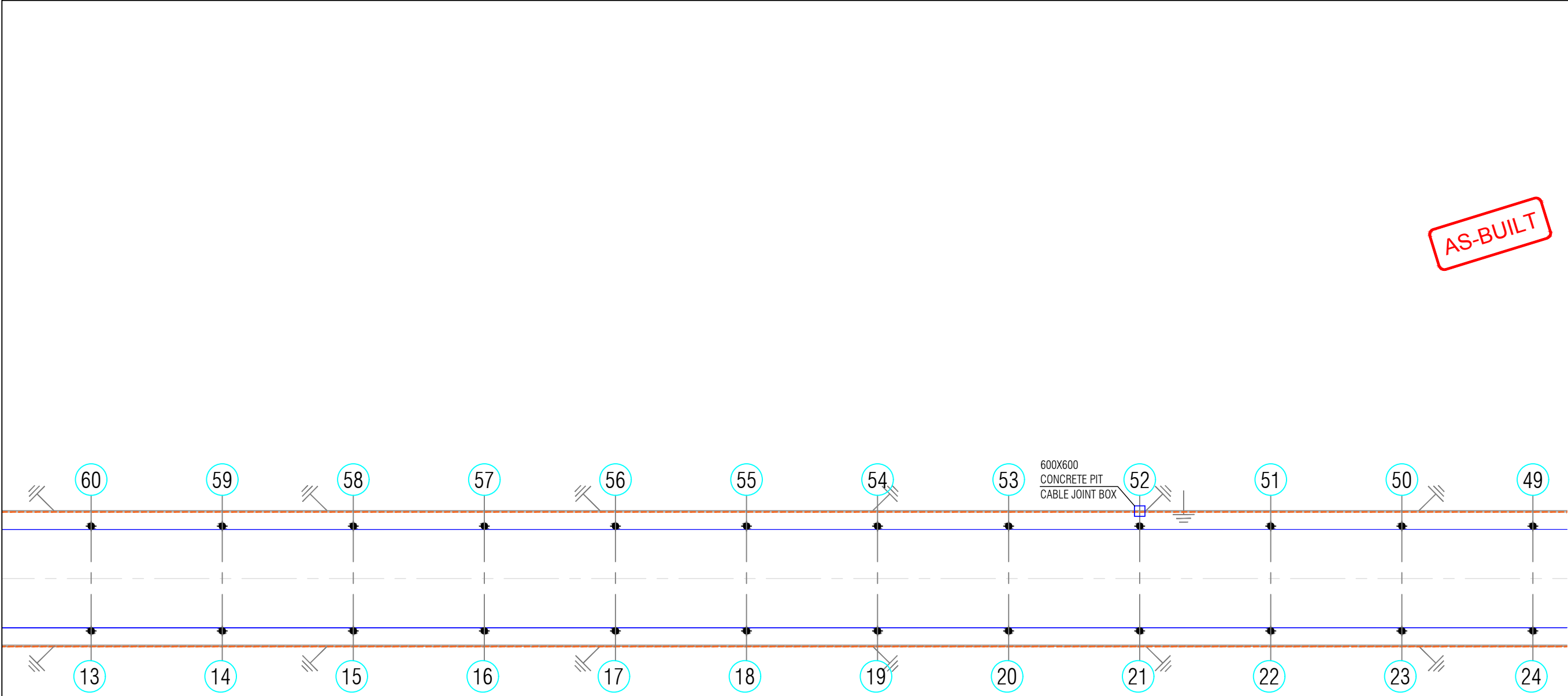
| SYMBOL  | DESCRIPTION                                    | SIZE               | LENGTH   |
|---|--|--------------------|----------|
|  | EARTH CABLE                                    | 16 MM <sup>2</sup> | 10,000 M |
|  | COUNTERPOISE EARTH ROD<br>PLACED DIST<125M C/C | -                  | 46 NOS   |
|  | SERVICE DUCT                                   | -                  | -        |

EARTH CABLE LAYOUT (GRID 1~12 AND 61~72)

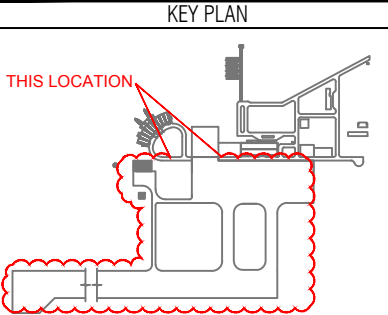
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AS-BUILT



|                              |      |
|------------------------------|------|
| 19-08-2019                   |      |
| M. PRABHU                    | DATE |
| CONSULTANT SIGNATURE         |      |
| APPROVAL OF REGIONAL AIRPORT |      |
| MALDIVES                     |      |
| DATE                         |      |

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0020            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

### N. MAAFARU AIRPORT

AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:  
EARTH CABLE LAYOUT  
(GRID 13~24 AND 49~60)

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM










Funder:  
  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT




Contractor:  
 TUFF

Consultant:  
 HOCHTIEF  
INDIA

Supervision & Management Consultant:  
 ARMSTRONG

|                                   |                |                 |
|-----------------------------------|----------------|-----------------|
| Issue: AB                         | Date: AUG-2019 | Pages: 20 of 38 |
| Scale: N.T.S                      | Paper: A3      |                 |
| DWG #: T1713-TOS-33000-CV-DW-0020 |                |                 |

| SYMBOL  | DESCRIPTION          | LOCATION                          |
|---|----------------------|-----------------------------------|
|  | EDGE LIGHTS          | RUNWAY EDGE                       |
|  | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|  | END LIGHTS           | RUNWAY END                        |
|  | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|  | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|  | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|  | WIND CONE / WDI      | AS SHOWN                          |
|  | CONNECTION FROM CCR3 | AS SHOWN                          |
|  | CONNECTION FROM CCR2 | AS SHOWN                          |

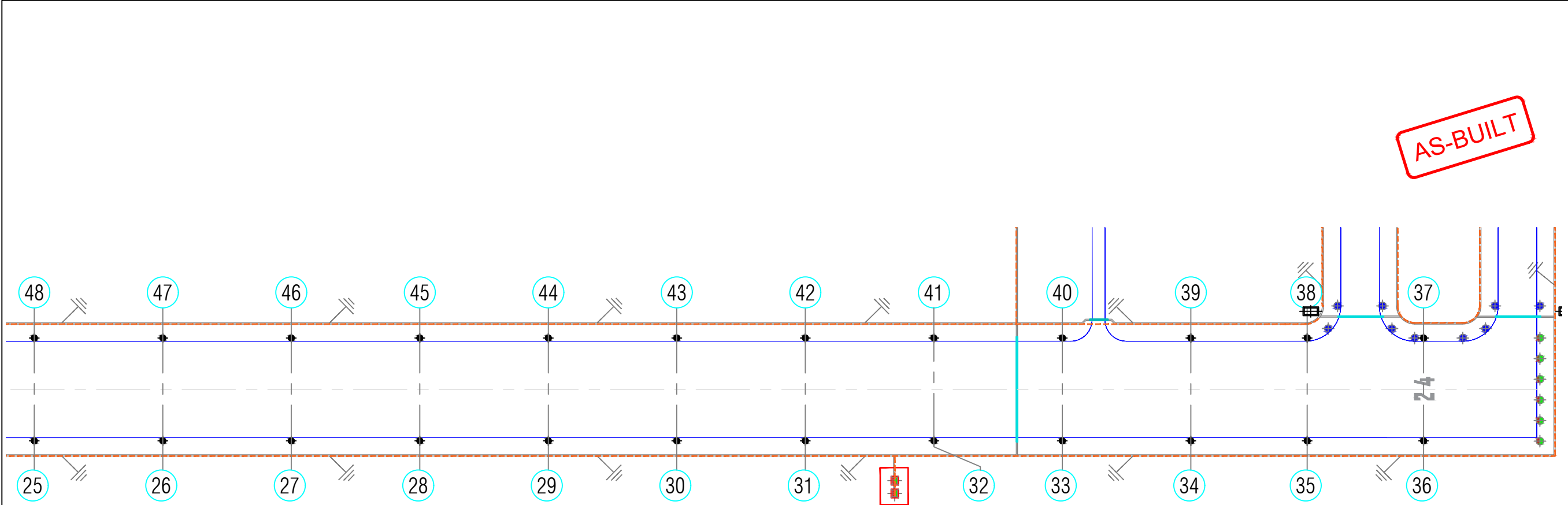
| SYMBOL  | DESCRIPTION                                      | SIZE               | LENGTH   |
|---|--|--------------------|----------|
|  | EARTH CABLE                                      | 16 MM <sup>2</sup> | 10,000 M |
|  | COUNTERPOISE EARTH ROD<br>PLACED DIST < 125M C/C | -                  | 46 NOS   |
|  | SERVICE DUCT                                     | -                  | -        |

### EARTH CABLE LAYOUT (GRID 13~24 AND 49~60)

Scale 1:2000







EARTH CABLE LAYOUT (GRID 25~48)

Scale 1:2000



| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

| SYMBOL | DESCRIPTION                                      | SIZE               | LENGTH   |
|--------|--|--------------------|----------|
|        | EARTH CABLE                                      | 16 MM <sup>2</sup> | 10,000 M |
|        | COUNTERPOISE EARTH ROD<br>PLACED DIST < 125M C/C | -                  | 46 NOS   |
|        | SERVICE DUCT                                     | -                  | -        |

KEY PLAN

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

REV

T1713-TOS-33000-CV-DW-0021

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:

EARTH CABLE LAYOUT (GRID 25~48)

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

TUFF

Consultant:

HOCHTIEF  
INDIA

Supervision & Management Consultant:

ARMSTRONG

Issue: AB

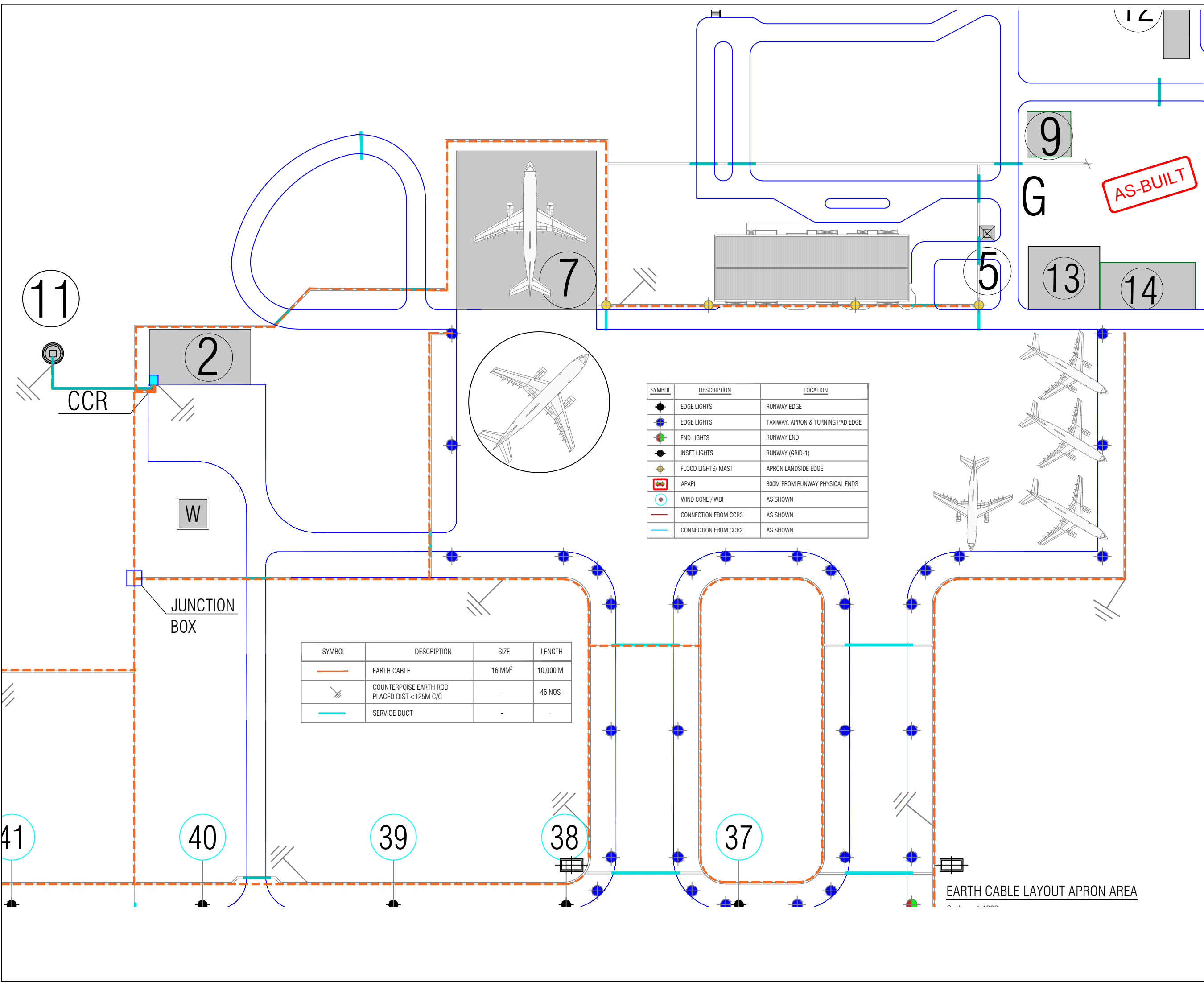
Date: AUG-2019

Pages: 21 of 38

Scale: N.T.S

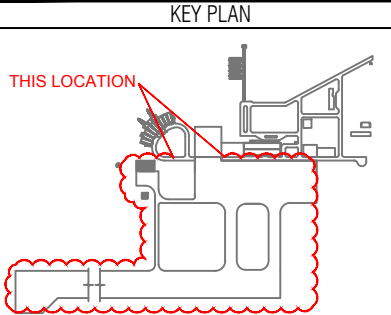
Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0021



| SYMBOL | DESCRIPTION                                      | SIZE               | LENGTH   |
|--------|--|--------------------|----------|
|        | EARTH CABLE                                      | 16 MM <sup>2</sup> | 10,000 M |
|        | COUNTERPOISE EARTH ROD<br>PLACED DIST < 125M C/C | -                  | 46 NOS   |
|        | SERVICE DUCT                                     | -                  | -        |

| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |



19-08-2019

M. PRABHU

CONSULTANT SIGNATURE

DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

REV

T1713-TOS-33000-CV-DW-0022

A4

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS

☒ APPROVED

☐ REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:

EARTH CABLE LAYOUT APRON AREA

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

TUFF

Consultant:

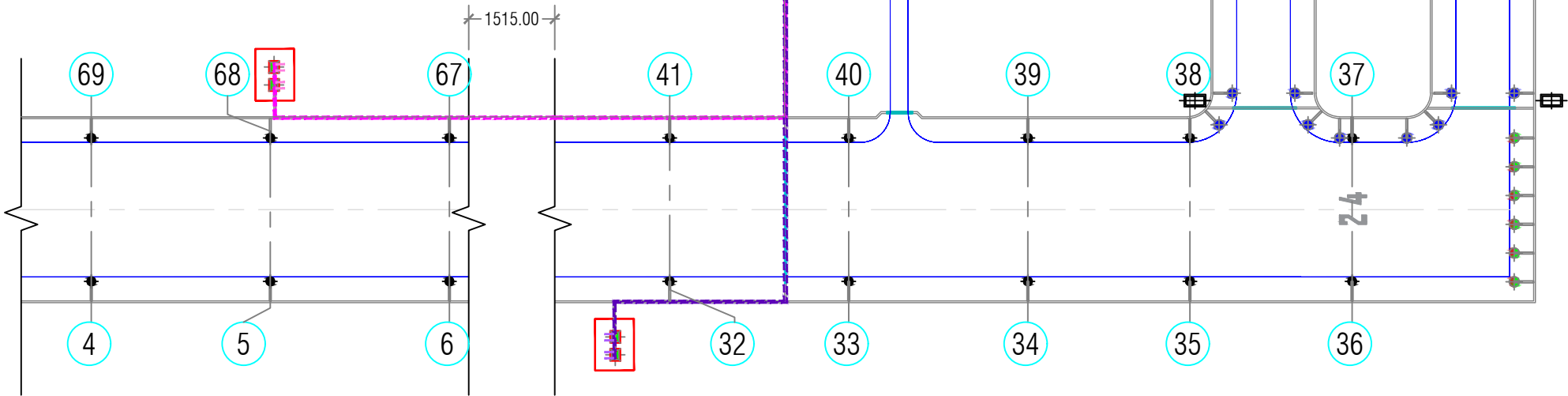
HOCHTIEF  
INDIA

Supervision & Management Consultant:

ARMSTRONG

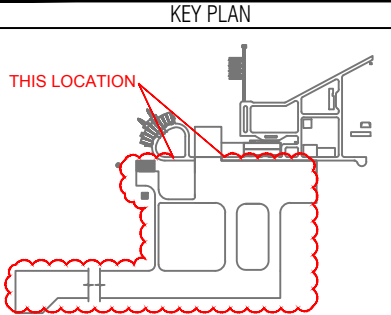
| SYMBOL | DESCRIPTION  | SIZE                            |
|--------|--|---------------------------------|
|        | CCR TO WINDCONE  | 2.5-3MM <sup>2</sup> (3 CORE)   |
|        | CCR TO TRANSFORMER 24 END (PRIMARY CABLE) - CIRCUIT CS1 CONNECTED TO CCR 3 | 6 MM <sup>2</sup> (SINGLE CORE) |
|        | TRANSFORMER 24 END TO APAPI- 24 END (SECONDARY CABLE)                      | 2.5 MM <sup>2</sup> (2 CORE)    |
|        | CCR TO TRANSFORMER 06 END (PRIMARY CABLE)- CIRCUIT CS2 CONNECTED TO CCR 3  | 6 MM <sup>2</sup> (SINGLE CORE) |
|        | TRANSFORMER 24 END TO APAPI- 06 END (SECONDARY CABLE)                      | 2.5 MM <sup>2</sup> (2 CORE)    |
|        | SERVICE DUCT   | -                               |

| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |



CABLE ROUTE- CCR TO WINDCONE & APAPI

Scale 1:2000  
0 15m 30m 45m 75m



19-08-2019  
M. PRABHU  
CONSULTANT SIGNATURE  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES  
DATE

REFERENCE CONSTRUCTION DRAWING NUMBER  
T1713-TOS-33000-CV-DW-0023  
REV  
A4

AS-BUILT  
Description  
Date  
AS-BUILT  
19/08/2019

DRAWING STATUS  
APPROVED  
REJECTED  
N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
CABLE ROUTE-  
PH TO CCR & CCR TO WINDCONE & APAPI

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM

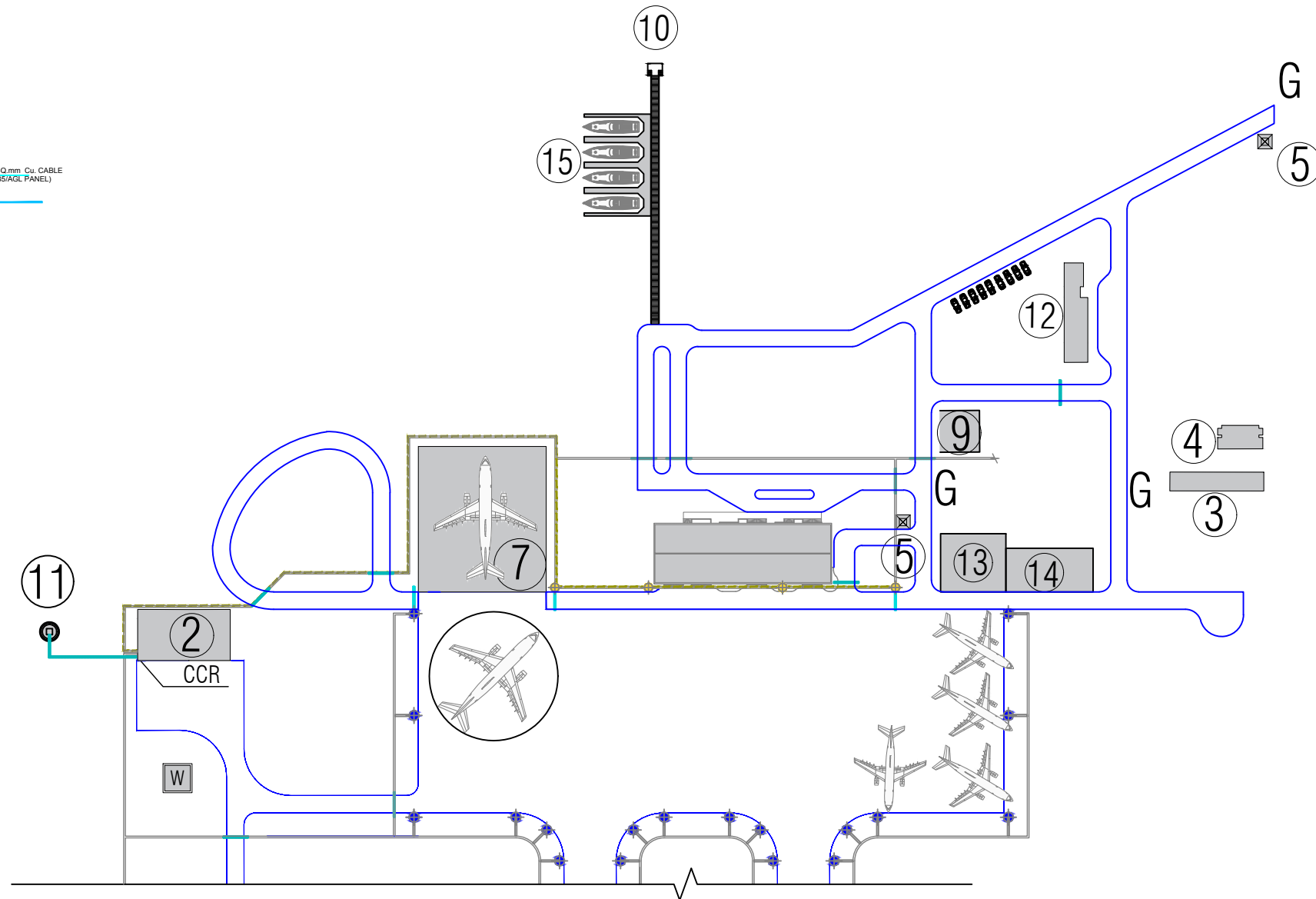
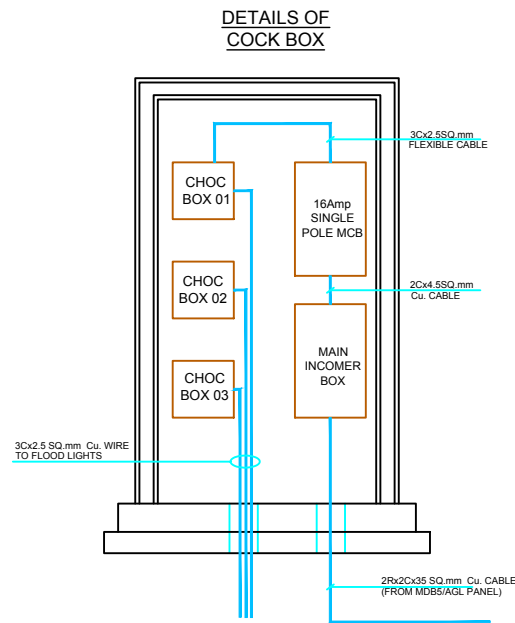
Funder:  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:  
TUFF

Consultant:  
HOCHTIEF  
INDIA

Supervision & Management Consultant:  
ARMSTRONG

Issue: AB  
Date: AUG-2019  
Pages: 23 of 38  
Scale: N.T.S  
Paper: A3  
DWG #: T1713-TOS-33000-CV-DW-0023

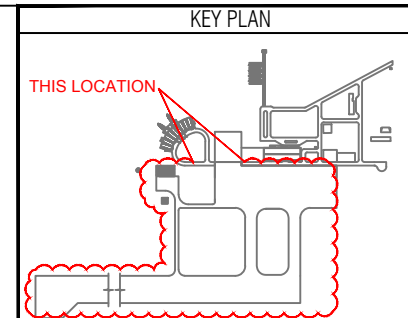
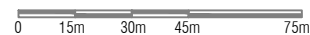


| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |

| SYMBOL | DESCRIPTION       | SIZE                         | LENGTH |
|--------|-------------------|------------------------------|--------|
|        | CCR TO APRON MAST | 35 MM <sup>2</sup> ( 4 CORE) | 460 M  |
|        | SERVICE DUCT      | -                            | -      |

## CABLE ROUTE- CCR TO APRON MASTS

Scale 1:2000



M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0024            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

## N. MAAFARU AIRPORT

AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:  
CABLE ROUTE- CCR TO APRON MASTS

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:  
  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

Consultant:

Supervision & Management Consultant:

Issue: AB Date: AUG-2019 Pages: 24 of 38

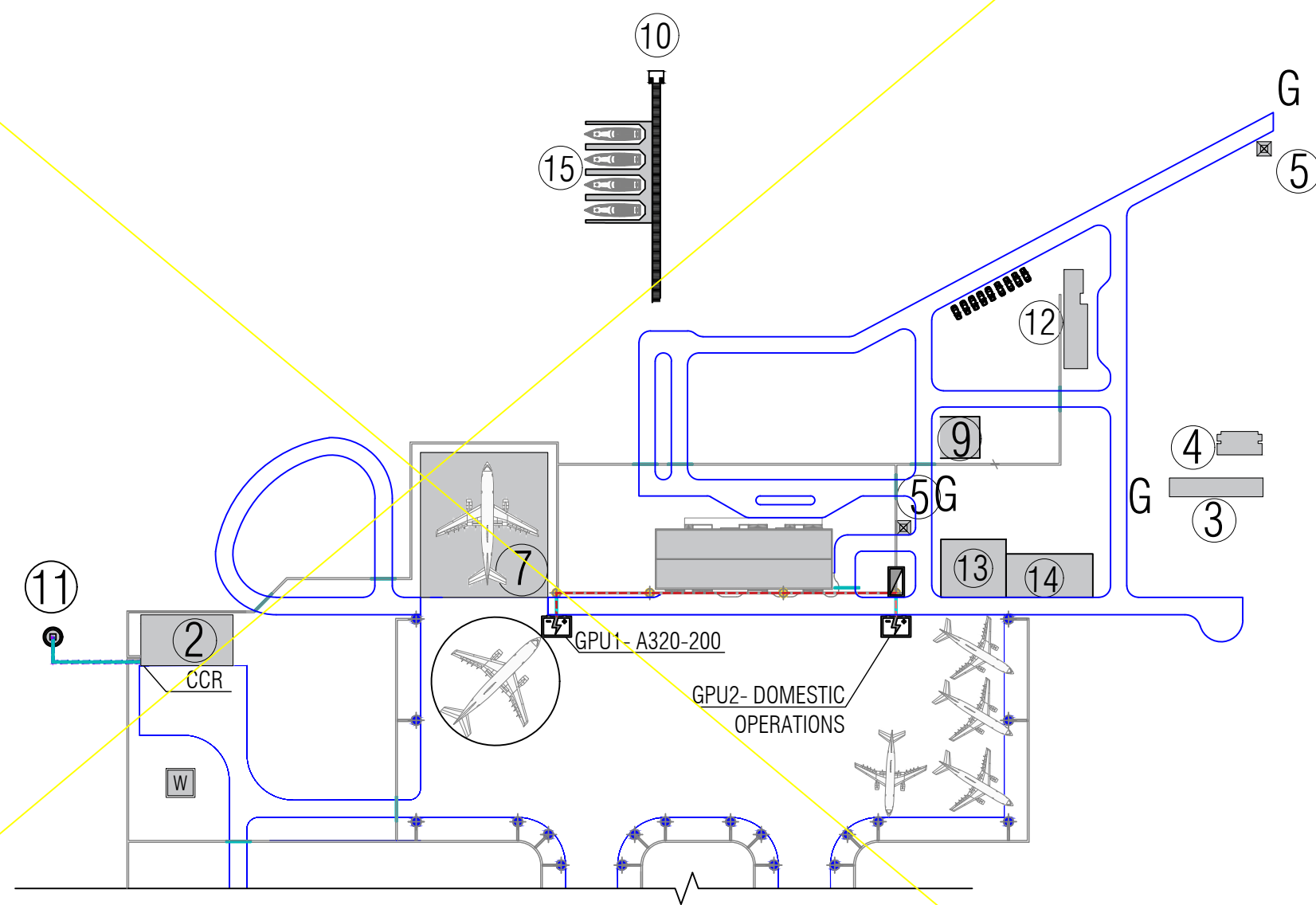
Scale: N.T.S. Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0024

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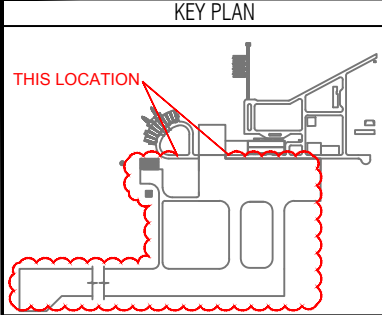
AS-BUILT

| SYMBOL | DESCRIPTION          | LOCATION                          |
|--------|----------------------|-----------------------------------|
|        | EDGE LIGHTS          | RUNWAY EDGE                       |
|        | EDGE LIGHTS          | TAXIWAY, APRON & TURNING PAD EDGE |
|        | END LIGHTS           | RUNWAY END                        |
|        | INSET LIGHTS         | RUNWAY (GRID-1)                   |
|        | FLOOD LIGHTS/ MAST   | APRON LANDSIDE EDGE               |
|        | APAPI                | 300M FROM RUNWAY PHYSICAL ENDS    |
|        | WIND CONE / WDI      | AS SHOWN                          |
|        | CONNECTION FROM CCR3 | AS SHOWN                          |
|        | CONNECTION FROM CCR2 | AS SHOWN                          |



| SYMBOL | DESCRIPTION                           | SIZE                | LENGTH |
|--------|---------------------------------------|---------------------|--------|
|        | MDB 10 TO GPU 1 (A320-200)            | 100 MM <sup>2</sup> | 140 M  |
|        | MDB 10 TO GPU 2 (DOMESTIC OPERATIONS) | 40 MM <sup>2</sup>  | 30 M   |
|        | CCR - CONTROL TOWER (POWER CABLE)     | 25MM <sup>2</sup>   | 55 M   |
|        | CCR - CONTROL TOWER (DATA CABLE)      | CAT 5 OR CAT 6      | 55 M   |
|        | GROUND POWER UNIT (GPU)               | -                   | -      |
|        | DISTRIBUTION BOX (MDB 10)             | -                   | -      |
|        | SERVICE DUCT                          | -                   | -      |

CABLE ROUTE- MDB 10 TO GPU  
Scale 1:2000



| KEY PLAN                              |            |
|---------------------------------------|------------|
|                                       |            |
| 19-08-2019                            |            |
| M. PRABHU                             | DATE       |
| CONSULTANT SIGNATURE                  |            |
| APPROVAL OF REGIONAL AIRPORT          |            |
| MALDIVES                              |            |
| DATE                                  |            |
| REFERENCE CONSTRUCTION DRAWING NUMBER | REV        |
| T1713-TOS-33000-CV-DW-0025            | A4         |
| AS-BUILT                              |            |
| Description                           | Date       |
| AS-BUILT                              | 19/08/2019 |
| DRAWING STATUS                        | APPROVED   |
| REJECTED                              |            |

**N. MAAFARU AIRPORT**  
AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:  
CABLE ROUTE- POWERHOUSE TO GPU

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:  
  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:  
  
TUFF

Consultant:  
  
HOCHTIEF  
INDIA

Supervision & Management Consultant:  
  
ARMSTRONG

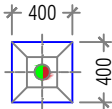
|                                   |                |                 |
|-----------------------------------|----------------|-----------------|
| Issue: AB                         | Date: AUG-2019 | Pages: 25 of 38 |
| Scale: N.T.S                      | Paper: A3      |                 |
| DWG #: T1713-TOS-33000-CV-DW-0025 |                |                 |



ISOLATING TRANSFORMER BOX FOUNDATION FOR RUNWAY, TAXIWAY, APRON & TURNING PAD EDGE LIGHT

RUNWAY END LIGHT

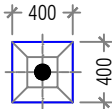
PLAN



RUNWAY END LIGHTS  
MASS CONCRETE FOUNDATION  
SIZE: 400 X 400

RUNWAY EGDE LIGHT

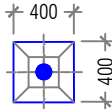
PLAN



RUNWAY EDGE LIGHTS  
MASS CONCRETE FOUNDATION  
SIZE: 400 X 400

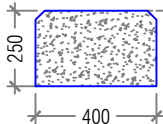
TAXIWAY, APRON & TURNING PAD EDGE LIGHT

PLAN



TAXIWAY, APRON & TURNING PAD EDGE LIGHT  
MASS CONCRETE FOUNDATION  
SIZE: 400 X 400

CROSS SECTION

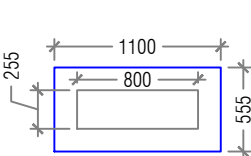


SCALE: NTS

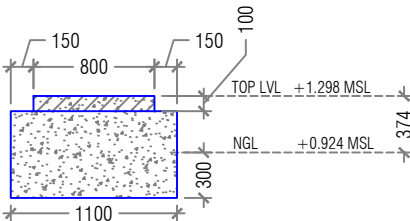
TOP LVL IS TO FINISHED EDGE LVL OF CORRESPONDING  
PAVEMENT( RUNWAY, TAXIWAY, TURNPAD, APRON)

TAXIWAY BOARD FOUNDATION

PLAN

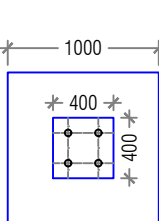


CROSS SECTION

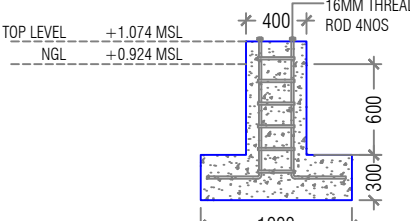


WIND CONE FOUNDATION

PLAN

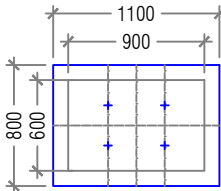


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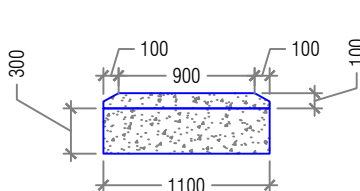


ABBREVIATED PRECISION APPROACH PATH INDICATOR (APAPI) FOUNDATION

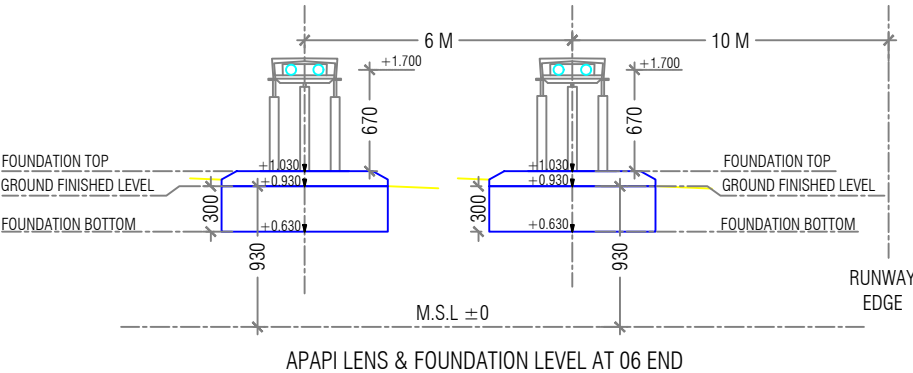
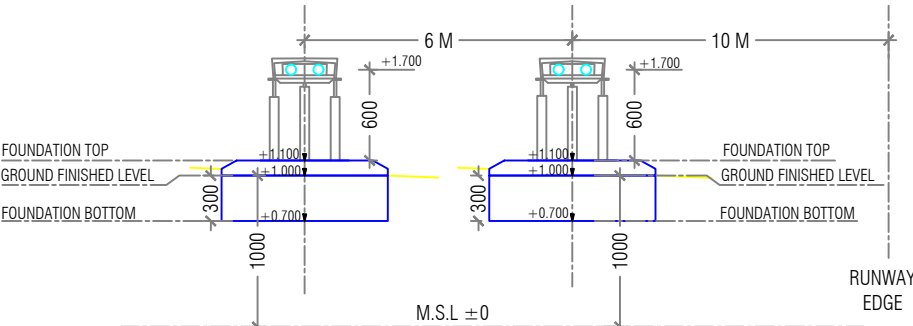
PLAN



SECTION

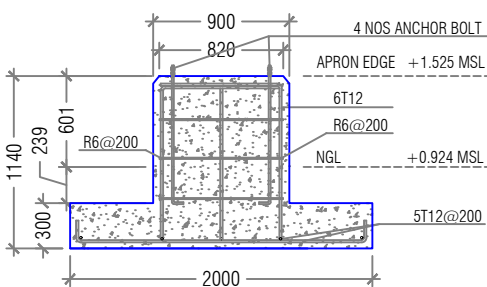


SHALL BE CAST IN THE PRESENCE OF LIGHTING ENGINEER.



APRON MAST FOUNDATION

CROSS SECTION

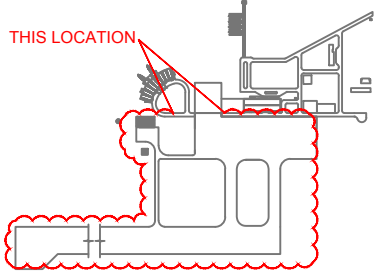


PLAN

APRON MAST  
RC FOUNDATION PAD 2000 X 2000 X 300  
RC COLUMN STUMP 900 X 900 X 601

AS-BUILT

KEY PLAN



M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER  
T1713-TOS-33000-CV-DW-0026

REV  
A4

AS-BUILT

| Description | Date       |
|-------------|------------|
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
AGL FOUNDATION DETAILS

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM

Funder:  
  
سندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:  
 TUFF

Consultant:  
 HOCHTIEF  
INDIA

Supervision & Management Consultant:  
 ARMSTRONG

Issue: AB Date: AUG-2019 Pages: 26 of 38

Scale: N.T.S Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0026

GENERAL NOTE: ALL FOUNDATION DESIGNS ARE BASED ON SUPPLIERS SPECIFICATION OF LIGHTS, WINDCONE, APAPI, TAXIWAY BOARD & APRON MASTS.  
ALL FOUNDATIONS TO HAVE 50MM THICK LEAN CONCRETE. (C15 GRADE)

AGL FOUNDATION DETAILS

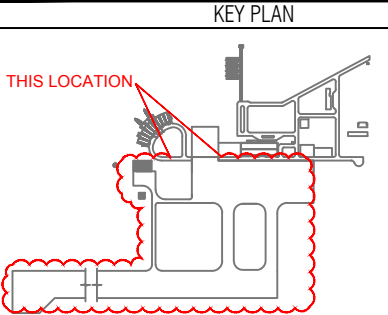
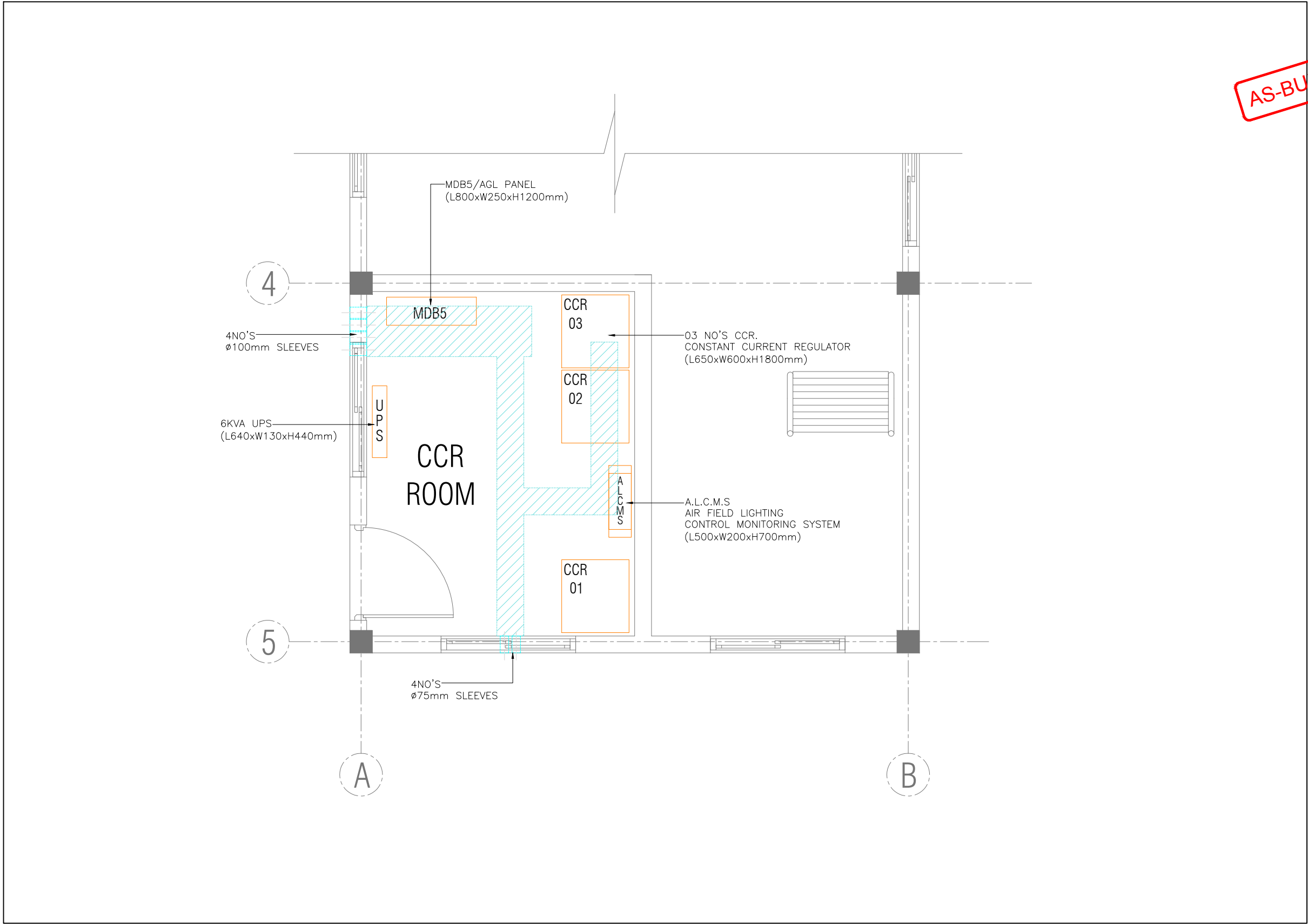
SCALE 1:50











19-08-2019  
DATE  
M. PRABHU  
CONSULTANT SIGNATURE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES  
DATE

|                                       |     |
|---------------------------------------|-----|
| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
| T1713-TOS-33000-CV-DW-0029            | A4  |

|             |            |
|-------------|------------|
| AS-BUILT    |            |
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

**N. MAAFARU AIRPORT**  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
CCR ROOM LAYOUT

Employer:  
**REGIONAL AIRPORTS**  
MINISTRY OF TOURISM

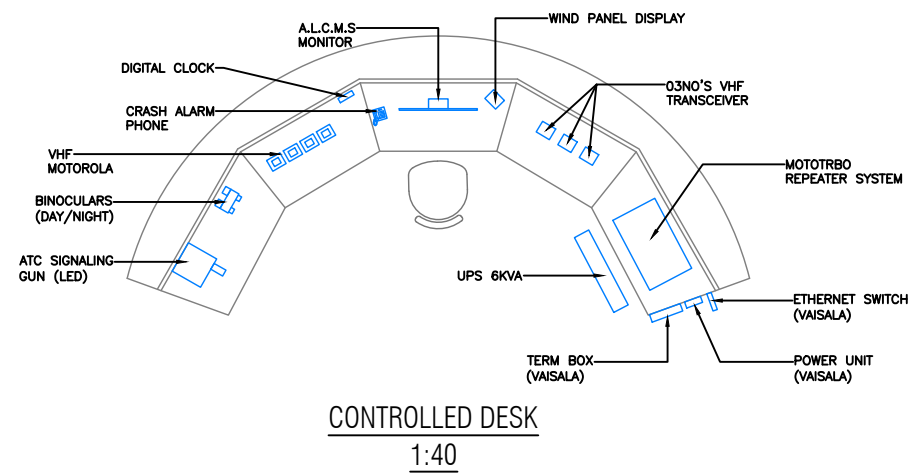
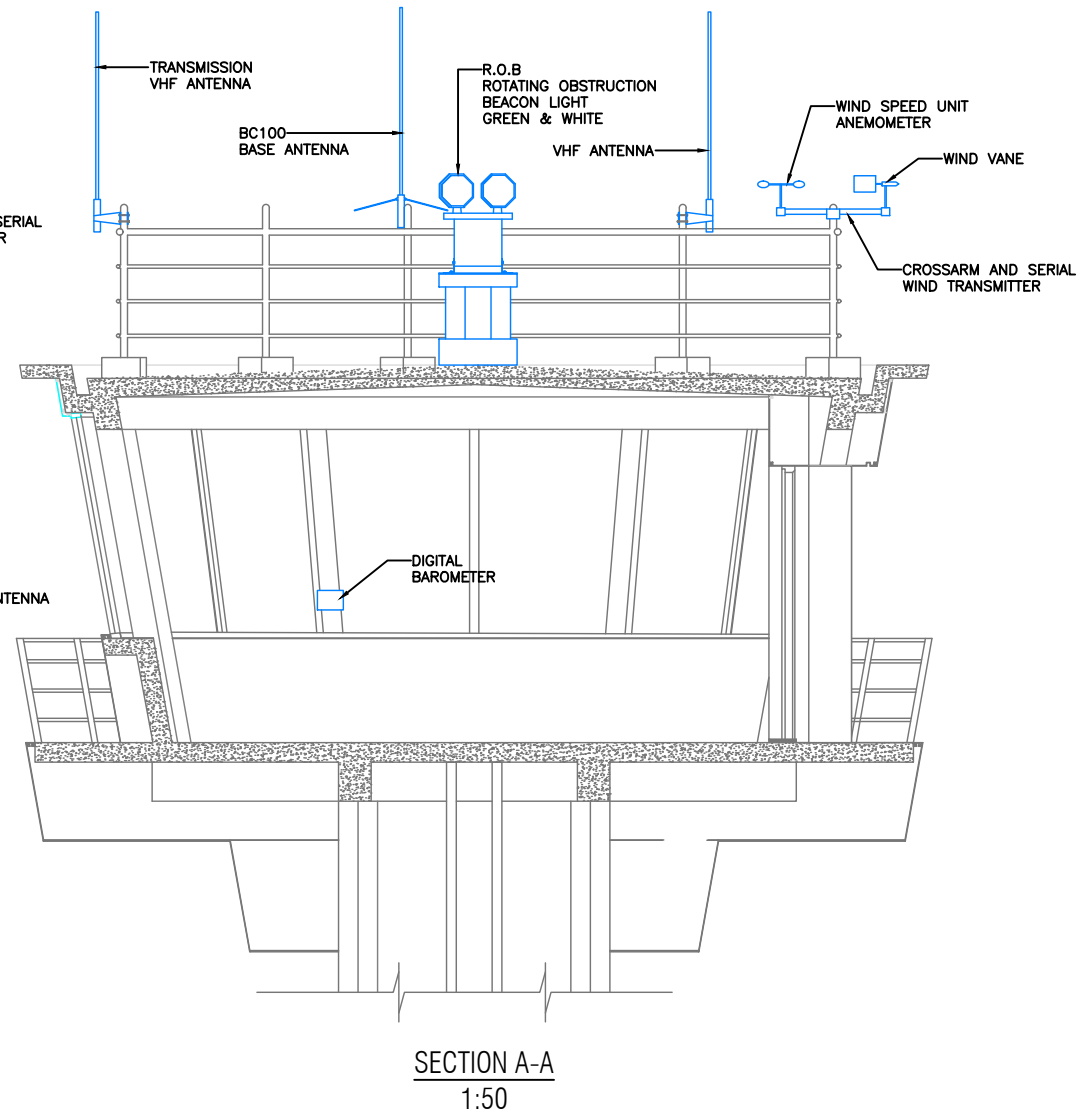
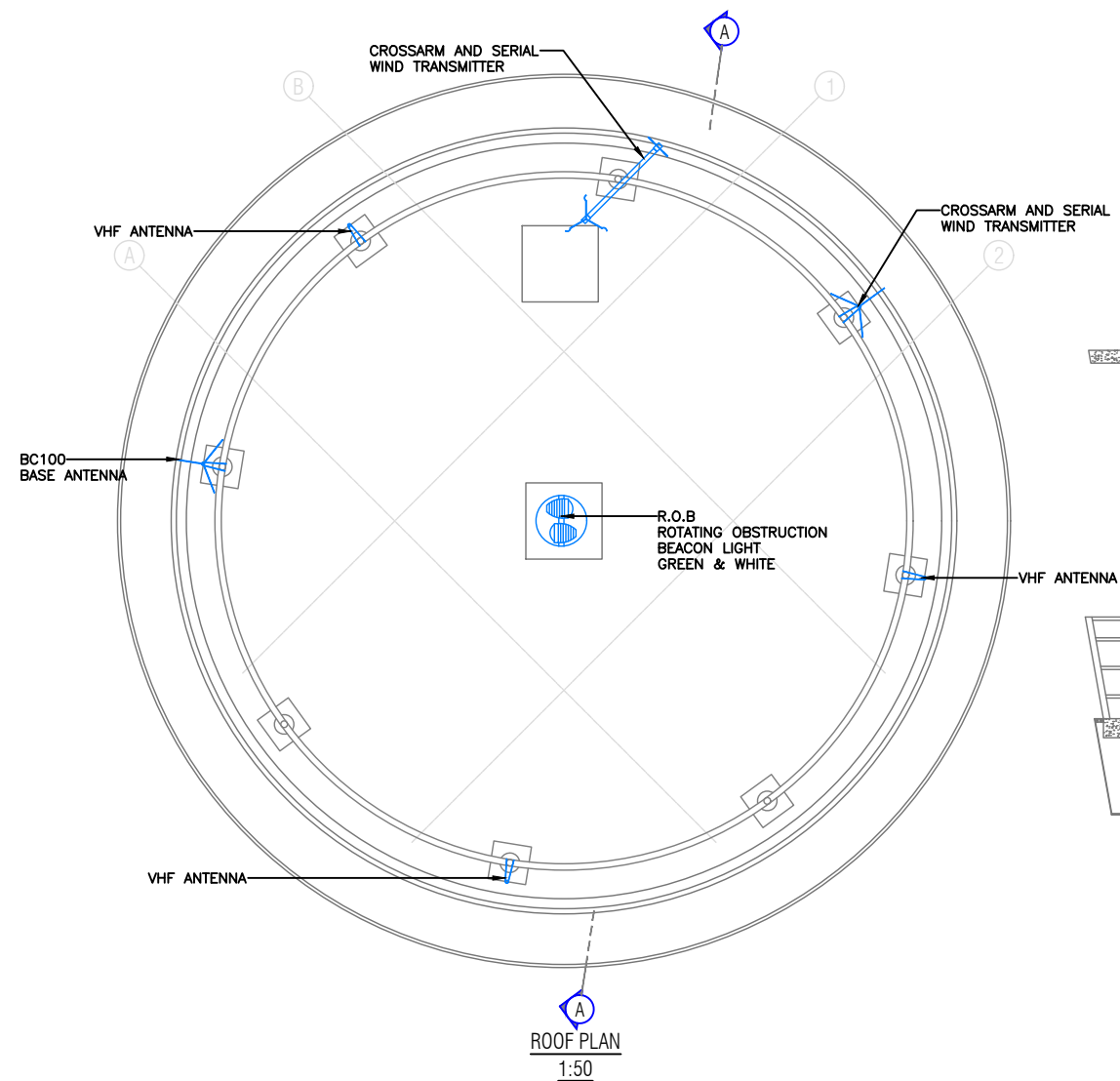
Funder:  
  
صندوق أبوظبي للتنمية  
**ABU DHABI FUND FOR DEVELOPMENT**

Contractor:  
  
**TUFF**

Consultant:  
  
**HOCHTIEF**  
INDIA

Supervision & Management Consultant:  
  
**ARMSTRONG**

|                                   |                |                 |
|-----------------------------------|----------------|-----------------|
| Issue: AB                         | Date: AUG-2019 | Pages: 29 of 38 |
| Scale: N.T.S                      | Paper: A3      |                 |
| DWG #: T1713-TOS-33000-CV-DW-0029 |                |                 |



**AS-BUILT**

**KEY PLAN**

THIS LOCATION

19-08-2019  
DATE

M. PRABHU  
CONSULTANT SIGNATURE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0030            | A4  |

AS-BUILT

| Description | Date       |
|-------------|------------|
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

**N. MAAFARU AIRPORT**  
AIRFIELD LIGHTING & LANDING AIDS

Drawing Title:  
ATC CONTROL DESK & EQUIPMENT LAYOUT

Employer:  
REGIONAL AIRPORT  
MINISTRY OF TOURISM

Funder:  
صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:  
**TUFF**

Consultant:  
**HOCHTIEF**  
INDIA

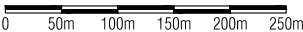
Supervision & Management Consultant:  
**ARMSTRONG**

|                                   |                |                 |
|-----------------------------------|----------------|-----------------|
| Issue: AB                         | Date: AUG-2019 | Pages: 30 of 38 |
| Scale: N.T.S                      | Paper: A3      |                 |
| DWG #: T1713-TOS-33000-CV-DW-0030 |                |                 |

AS-BUILT

COORDINATES FOR AFL

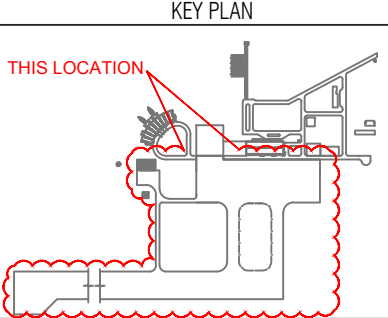
Scale NTS



NOTE:

COORDINATE FORMAT: EASTING /NORTHING / Z (ELEVATION FROM MSL)  
DESIGN DRAWING - AIRFIELD LIGHTING REV A4 - DATED 09/09/2018

| SYMBOL | DESCRIPTION                      | SIZE        | LENGTH |
|--------|----------------------------------|-------------|--------|
|        | CABLE TRENCH 8M FROM RUNWAY EDGE | 600 MM WIDE | 7218M  |
|        | SERVICE DUCT                     | -           | -      |
|        | EARTH PIT                        |             |        |



M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER  
T1713-TOS-33000-CV-DW-0031

REV  
A4

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
CABLE TRENCH COORDINATES

Employer:  
REGIONAL AIRPORTS  
MINISTRY OF TOURISM



Funder:



صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:



Consultant:



Supervision & Management  
Consultant:



Issue: AB Date: AUG-2019 Pages: 31 of 38

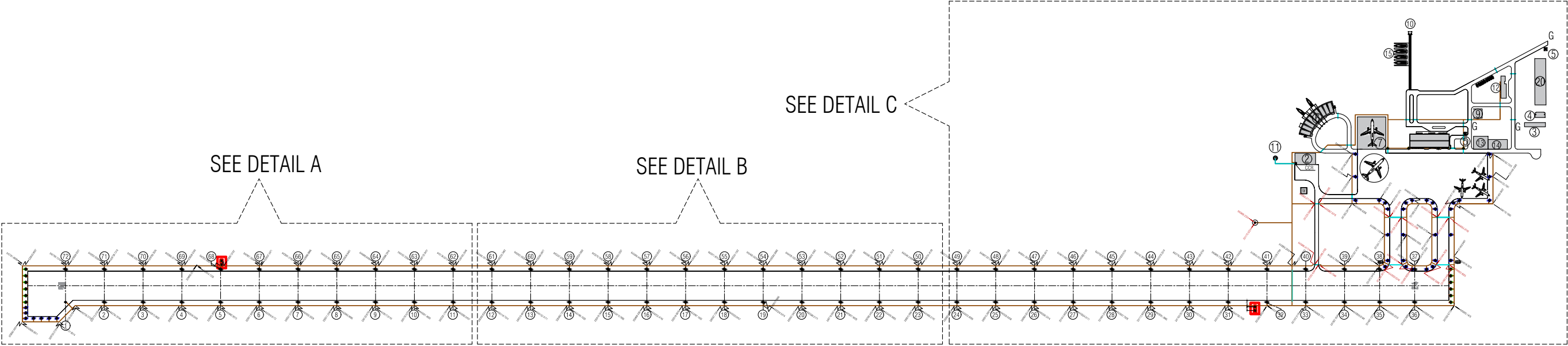
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DWG #: T1713-TOS-33000-CV-DW-0031

SEE DETAIL C

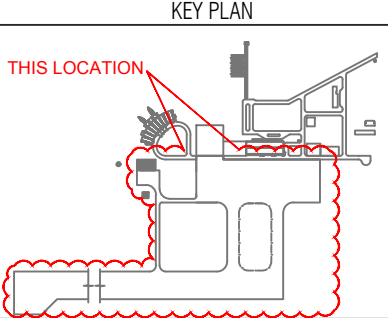
SEE DETAIL B

SEE DETAIL A



AS-BUILT

DETAIL A



|                              |            |
|------------------------------|------------|
| .....                        | 19-08-2019 |
| M. PRABHU                    | DATE       |
| CONSULTANT SIGNATURE         |            |
| .....                        | .....      |
| APPROVAL OF REGIONAL AIRPORT | DATE       |
| MALDIVES                     |            |

|                                       |     |
|---------------------------------------|-----|
| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
| T1713-TOS-33000-CV-DW-0032            | A4  |

|             |            |
|-------------|------------|
| AS-BUILT    |            |
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
CABLE TRENCH COORDINATES

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM

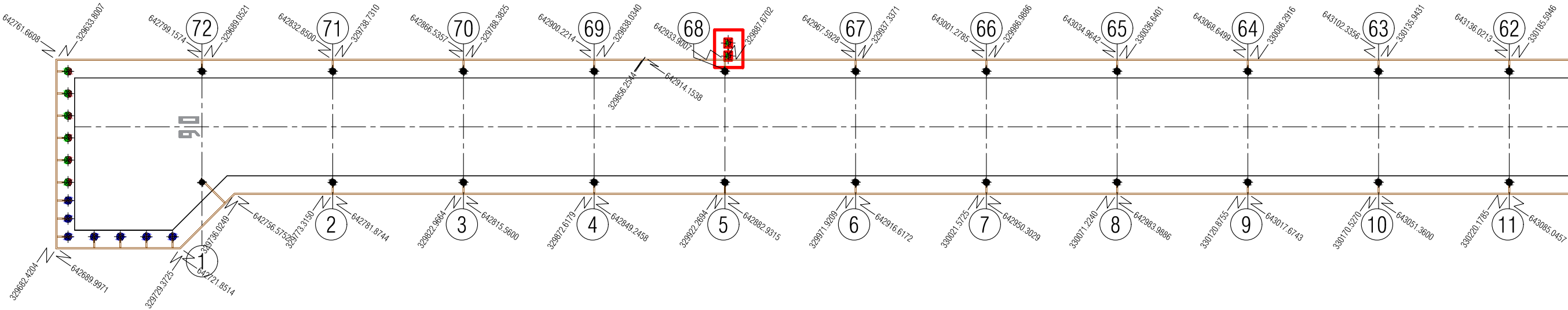
Funder:

صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:

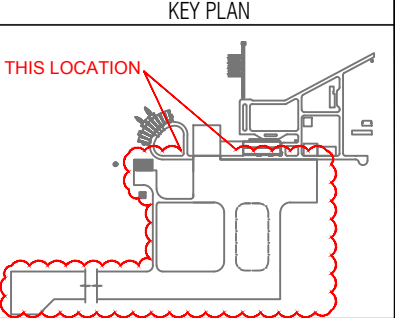
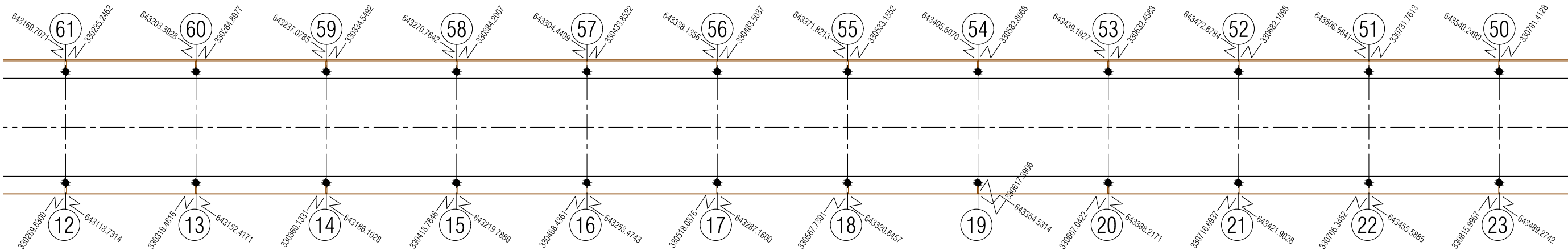
Consultant:

Supervision & Management  
Consultant:



AS-BUILT

DETAIL B



|                              |            |
|------------------------------|------------|
| .....                        | 19-08-2019 |
| M. PRABHU                    | DATE       |
| CONSULTANT SIGNATURE         |            |
| .....                        | .....      |
| APPROVAL OF REGIONAL AIRPORT | DATE       |
| MALDIVES                     |            |

|                                       |     |
|---------------------------------------|-----|
| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
| T1713-TOS-33000-CV-DW-0033            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

**N. MAAFARU AIRPORT**  
**AIRFIELD LIGHTING & LANDING AIDS**

Drawing Title:  
CABLE TRENCH COORDINATES

Employer:

**REGIONAL AIRPORTS**  
MINISTRY OF TOURISM



Funder:



صندوق أبوظبي للتنمية  
**ABU DHABI FUND FOR DEVELOPMENT**

Contractor:



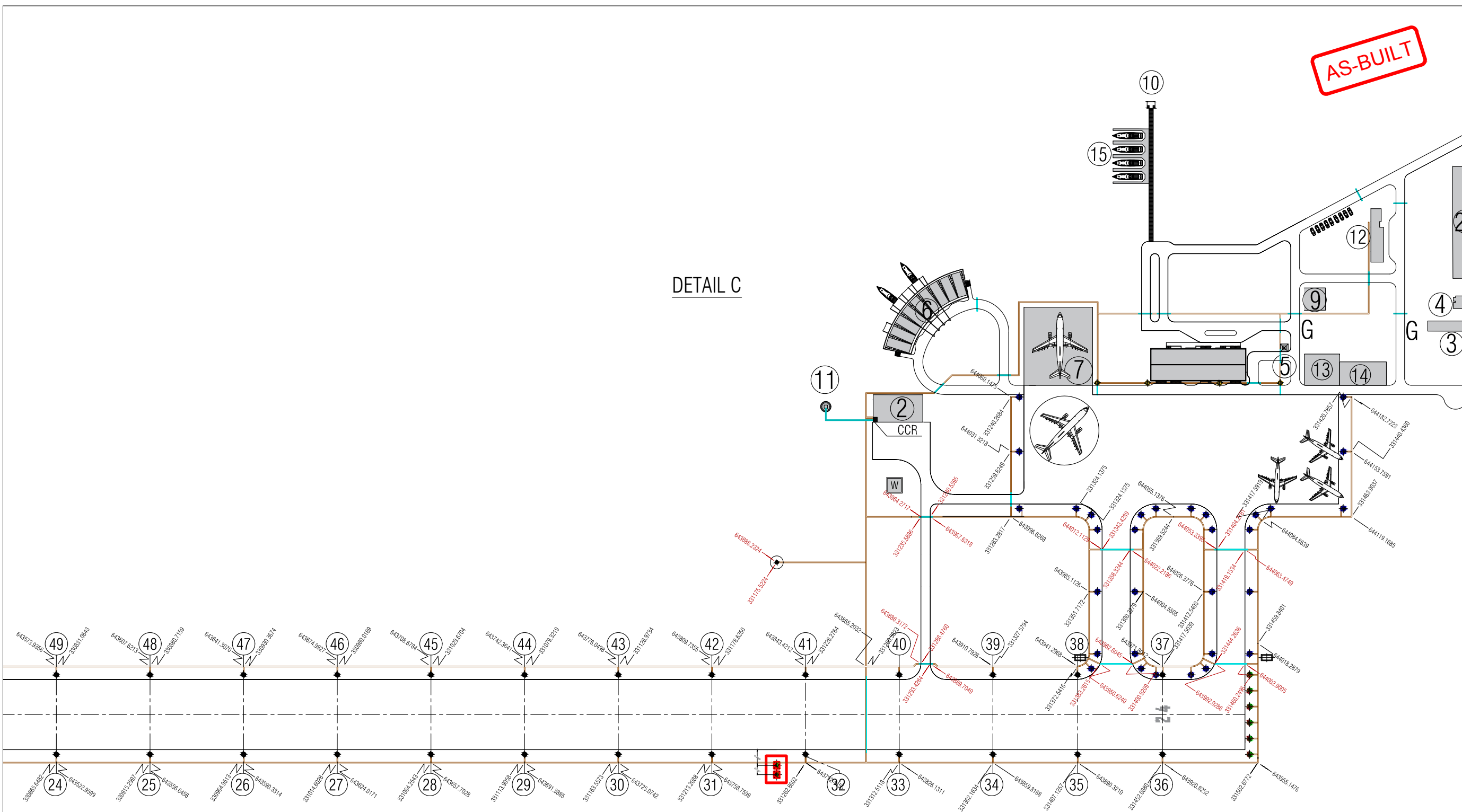
**TUFF**

Consultant:



Supervision & Management Consultant:





KEY PLAN

THIS LOCATION

M. PRABHU

CONSULTANT SIGNATURE

19-08-2019

DATE

APPROVAL OF REGIONAL AIRPORT

MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

T1713-TOS-33000-CV-DW-0034

REV

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &

LANDING AIDS

Drawing Title:

CABLE TRENCH COORDINATES

Employer:

REGIONAL AIRPORTS

MINISTRY OF TOURISM

Funder:

Contractor:

TUFF

Consultant:

HOCHTIEF

INDIA

Supervision & Management

Consultant:

ARMSTRONG

Issue: AB

Date: AUG-2019

Pages: 34 of 38

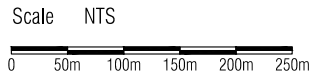
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Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0034



COORDINATES FOR AFL



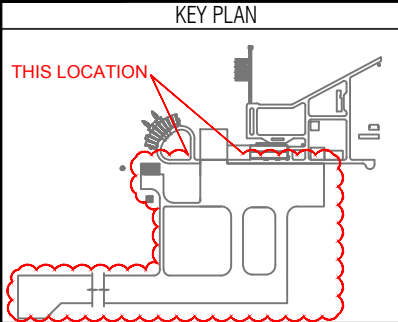
NOTE:

COORDINATE FORMAT: EASTING /NORTHING / Z (ELEVATION FROM MSL)

DESIGN DRAWING - AIRFIELD LIGHTING REV A4 - DATED 09/09/2018

| SYMBOL | DESCRIPTION                      | SIZE        | LENGTH |
|--------|----------------------------------|-------------|--------|
|        | CABLE TRENCH 8M FROM RUNWAY EDGE | 600 MM WIDE | 7218M  |
|        | EARTH PIT                        |             |        |

AS-BUILT



|                                       |            |
|---------------------------------------|------------|
| .....                                 | 19-08-2019 |
| M. PRABHU                             | DATE       |
| CONSULTANT SIGNATURE                  |            |
| .....                                 | .....      |
| APPROVAL OF REGIONAL AIRPORT          | DATE       |
| MALDIVES                              |            |
| REFERENCE CONSTRUCTION DRAWING NUMBER | REV        |
| T1713-TOS-33000-CV-DW-0035            | A4         |

|                |  |
|----------------|--|
| AS-BUILT       |  |
| Description    | Date   |
| AS-BUILT       | 19/08/2019   |
| DRAWING STATUS | <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED |

**N. MAAFARU AIRPORT**  
**AIRFIELD LIGHTING & LANDING AIDS**

Drawing Title:  
EARTH PITS COORDINATES

Employer:  
**REGIONAL AIRPORTS**  
MINISTRY OF TOURISM

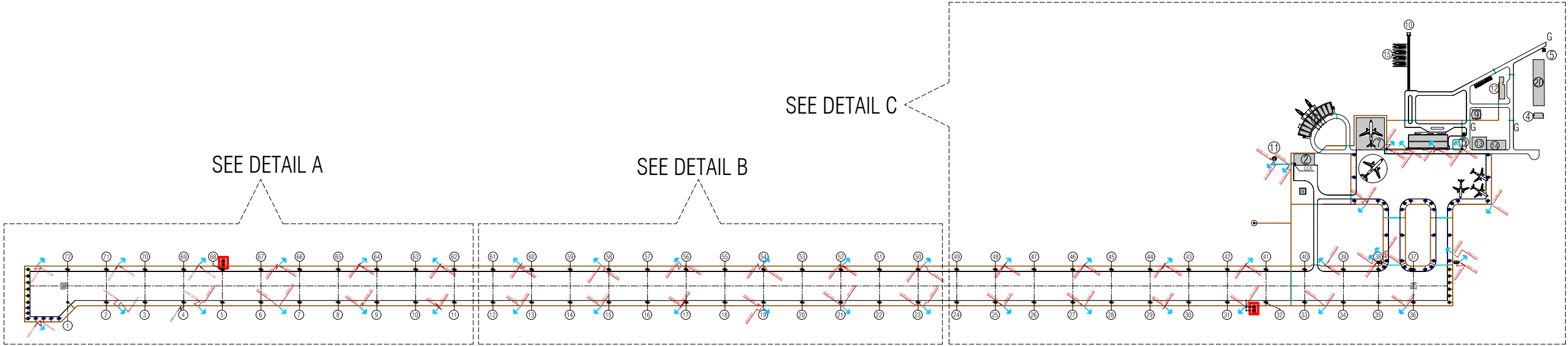
Funder:  
  
**صندوق أبوظبي للتنمية**  
**ABU DHABI FUND FOR DEVELOPMENT**

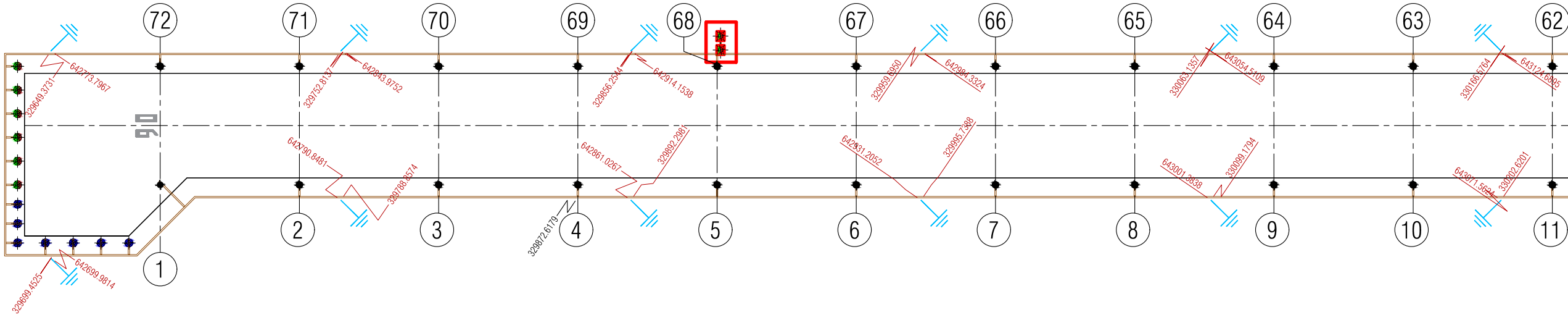
Contractor:

Consultant:

Supervision & Management Consultant:

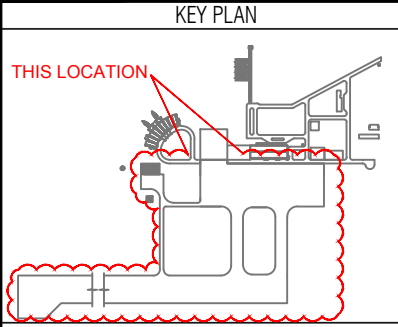
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|-----------------------------------|----------------|-----------------|
| Issue: AB                         | Date: AUG-2019 | Pages: 35 of 38 |
| Scale: N.T.S                      | Paper: A3      |                 |
| DWG #: T1713-TOS-33000-CV-DW-0035 |                |                 |





DETAIL A

AS-BUILT



|                                       |      |
|---------------------------------------|------|
| 19-08-2019                            |      |
| M. PRABHU                             | DATE |
| CONSULTANT SIGNATURE                  |      |
| APPROVAL OF REGIONAL AIRPORT MALDIVES |      |
| DATE                                  |      |

| REFERENCE CONSTRUCTION DRAWING NUMBER | REV |
|---------------------------------------|-----|
| T1713-TOS-33000-CV-DW-0036            | A4  |

| AS-BUILT    |            |
|-------------|------------|
| Description | Date       |
| AS-BUILT    | 19/08/2019 |

DRAWING STATUS ☒ APPROVED ☐ REJECTED

N. MAAFARU AIRPORT  
AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:  
EARTH PITS COORDINATES

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM



Funder:



صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:



TUFF

Consultant:



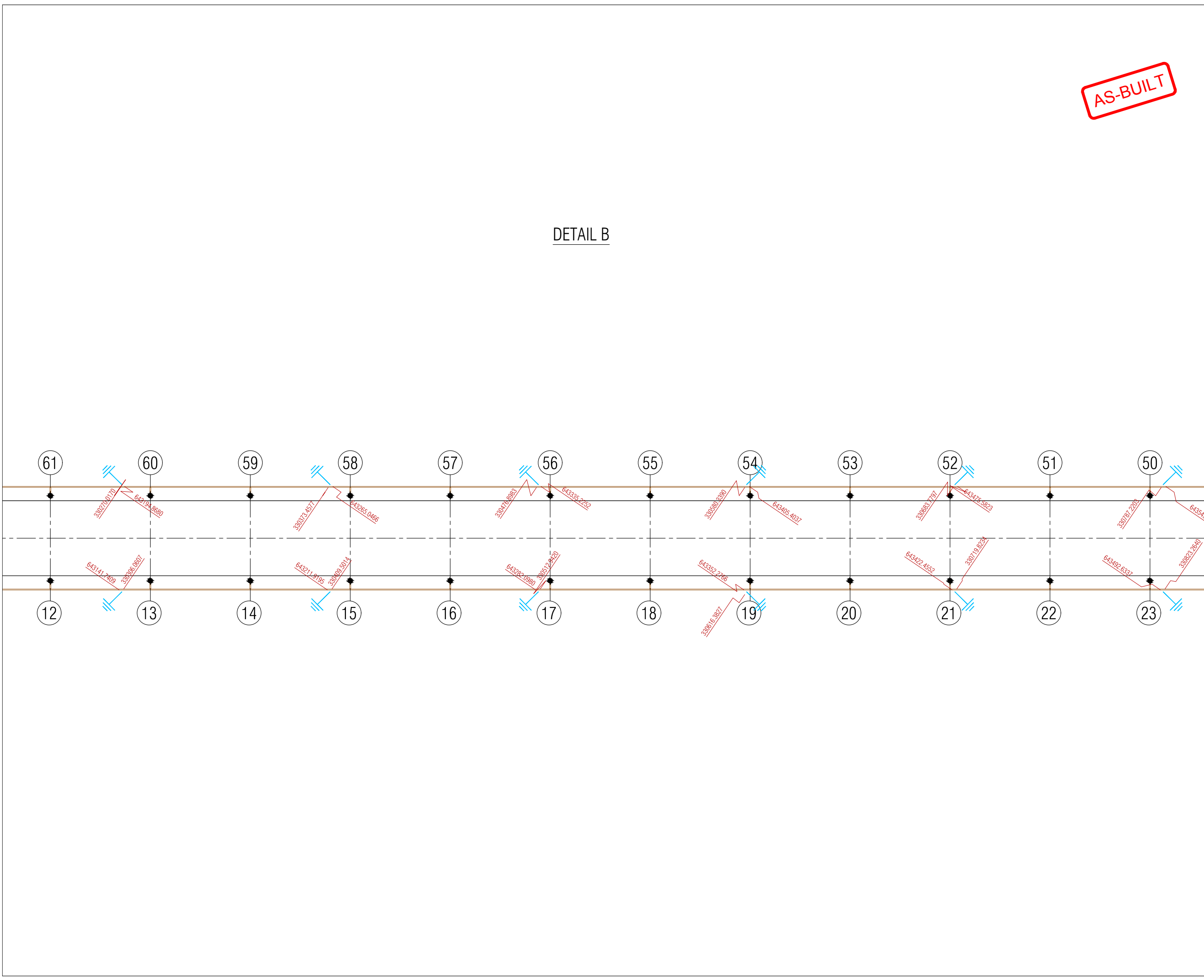
HOCHTIEF  
INDIA

Supervision & Management Consultant:



ARMSTRONG





AS-BUILT

KEY PLAN



THIS LOCATION

M. PRABHU  
CONSULTANT SIGNATURE

19-08-2019  
DATE

APPROVAL OF REGIONAL AIRPORT  
MALDIVES

DATE

REFERENCE CONSTRUCTION DRAWING NUMBER

REV

T1713-TOS-33000-CV-DW-0037

A4

AS-BUILT

Description

Date

AS-BUILT

19/08/2019

DRAWING STATUS

APPROVED

REJECTED

N. MAAFARU AIRPORT

AIRFIELD LIGHTING &  
LANDING AIDS

Drawing Title:

EARTH PITS COORDINATES

Employer:

REGIONAL AIRPORTS  
MINISTRY OF TOURISM



Funder:



صندوق أبوظبي للتنمية  
ABU DHABI FUND FOR DEVELOPMENT

Contractor:



TUFF

Consultant:



HOCHTIEF  
INDIA

Supervision & Management Consultant:



ARMSTRONG

Issue: AB

Date: AUG-2019

Pages: 37 of 38

Scale: N.T.S

Paper: A3

DWG #: T1713-TOS-33000-CV-DW-0037

