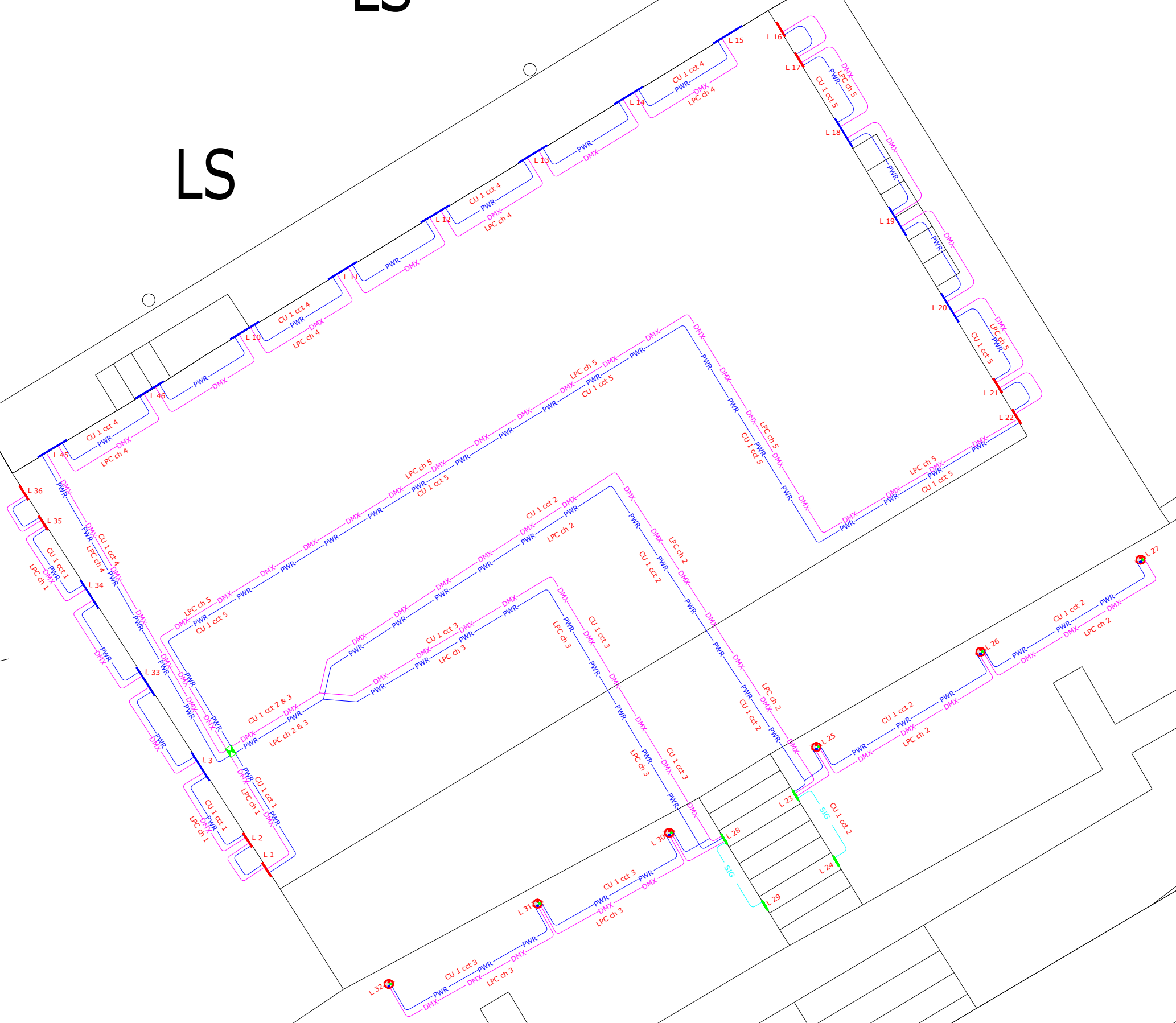




- Divum 50K. 371m at 8880K. With internal line of sight WIR, 4 GORO rotator wheel, dynamic effect wheel, beam shaper and DMX driver. Mounted on free standing frame, on roof, aimed towards building facade. 600W connected load. Called up in 22011 House of Waterford Crystal project.
- Urbis Handrail 5117 3 LED 350ma warm white (3000K) profiled Poly Clear, smooth WO-7312. DMX compatible. 5W connected load at full output.
- Urbis Sculpture S50 5128 Flat Glass RGBW 20 Oscon SSL 150 350ma 333322, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 25W connected load at maximum output.
- Urbis Sculpture S100 6291 RGBW Diffuser P25 strated 40 Oscon SSL 150 350ma 346982, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 50W connected load at maximum output.
- Urbis Terra Mid 6297 16 RGBW Oscon SSL 150 350ma elliptical horizontal beam. Controlled by DMX. 350822. 21W connected load at full output.
- Urbis Lighting Playback Controller, Urbis DMX Splitter, and Urbis Cellular Router to be installed close to the consumer unit within the building.

Contractor will be required to find appropriate routing for cables within the building.

Ducts and cables to be laid in accordance with Waterford City & County Council specifications and I. S. 10101: Latest version.

9kN draw rope to be provided in each duct

Excavation can only be undertaken under the supervision of Waterford City & County Council's approved archaeologist.

Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

Drawing title:

Drawing title:
Illumination layout ~ As Built

Project title:

Project title:
Fáilte Ireland Urban Animation ~ Bishops Palace

Client:

Client:
Waterford City & County Council

Project number: 22004	Date: 17/06/2025	Hard copy approved:
Drawing number: 22004 - 1A	Revision: 0	Drawn by: Patrick Redmond

Read in conjunction with associated lighting calculations

Do not scale from drawing	All dimensions in metres
---------------------------	--------------------------

Document control: TD 09	Version: 1.0
-------------------------	--------------

Redmond Analytical Management Services Ltd.

086 2356356	info@redmondams.ie	www.redmondams.ie
-------------	--------------------	-------------------



MSLL ~ Society of Light and Lighting

MILP ~ Institution of Lighting Professionals





Construction Baseline at 3 Metre Level

NORTH (CATHEDRAL) ELEVATION

ELEVATION 'C'
SCALE : 1 : 100

- Divum 50K. 37m at 8880K. With internal line of sight WiFi, 4 GOBO rotator wheel, dynamic effect wheel, beam shaper and DMX driver. Mounted on free standing frame, on roof, aimed towards building facade. 600W connected load. Called up in 22011 House of Waterford Crystal project.
 - Urbis Handrail 5117 3 LED 350mA warm white (3000K) profiled Poly Clear, smooth WO-7312. DMX compatible. 5W connected load at full output.
 - Urbis Sculpture S50 5128 Flat Glass RGBW 20 Oscon SSL 150 350mA 333322, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 25W connected load at maximum output.
 - Urbis Sculpture S100 6291 RGBW Diffuser P25 striated 40 Oscon SSL 150 350mA 346982, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 50W connected load at maximum output.
 - Urbis Terra Midi 6297 16 RGBW Oscon SSL 150 350mA elliptical horizontal beam. Controlled by DMX. 350822. 21W connected load at full output.
 - Urbis Lighting Playback Controller, Urbis DMX Splitter, and Urbis Cellular Router to be installed close to the consumer unit within the building.
- Contractor will be required to find appropriate routing for cables within the building.
- Ducts and cables to be laid in accordance with Waterford City & County Council specifications and I. S. 10101: Latest version.
- 9kN draw rope to be provided in each duct.
- Excavation can only be undertaken under the supervision of Waterford City & County Council's approved archaeologist.

Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

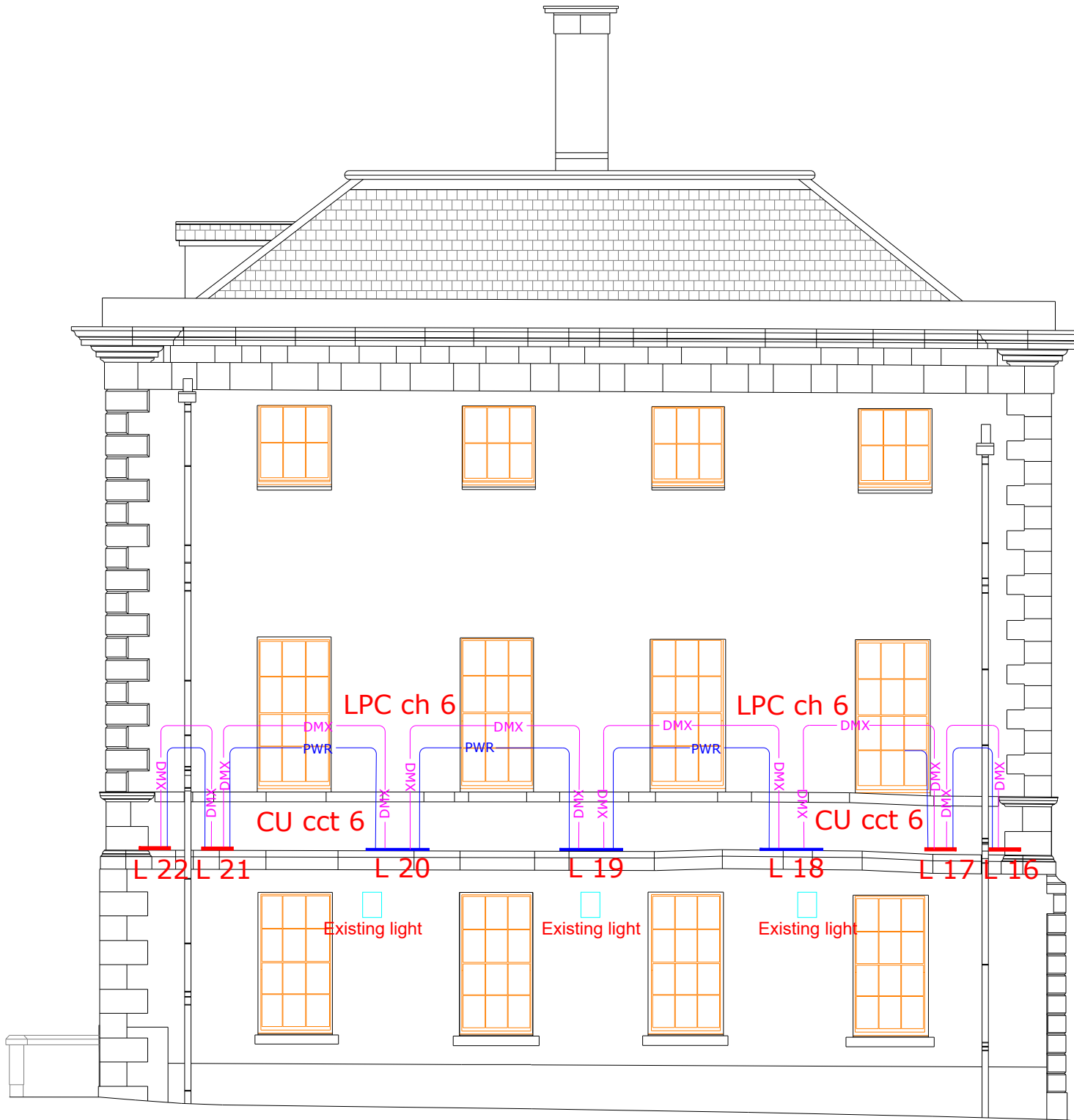
Drawing title: Illumination layout ~ As Built		
Project title: Fáilte Ireland Urban Animation ~ Bishops Palace		
Client: Waterford City & County Council		
Project number: 22004	Date: 17/06/2025	Hard copy approved:
Drawing number: 22004 - 2A	Revision: 0	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing		All dimensions in metres
Document control: TD 09		Version: 1.0
Redmond Analytical Management Services Ltd. Rosewood House, Mount Seaton, Camolin, Enniscorthy, Co. Wexford. Y21 K8P3 086 2356356 info@redmondams.ie www.redmondams.ie		

REDMOND
ANALYTICAL MANAGEMENT SERVICES
LIGHTING | ENERGY | DESIGN | SUPPORT

MSLL ~ Society of Light and Lighting

MILP ~ Institution of Lighting Professionals





Divum 50K. 37lm at 8880K. With internal line of sight WiFi, 4 GOBO rotator wheel, dynamic effect wheel, beam shaper and DMX driver. Mounted on free standing frame, on roof, aimed towards building facade. 600W connected load. Called up in 22011 House of Waterford Crystal project.

Urbis Handrail 5117 3 LED 350mA warm white (3000K) profiled Poly Clear, smooth WO-7312. DMX compatible. 5W connected load at full output.

Urbis Sculpture S50 5128 Flat Glass RGBW 20 Oscon SSL 150 350mA 333322, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 25W connected load at maximum output.

Urbis Sculpture S100 6291 RGBW Diffuser P25 striated 40 Oscon SSL 150 350mA 346982, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 50W connected load at maximum output.

Urbis Terra Midi 6297 16 RGBW Oscon SSL 150 350mA elliptical horizontal beam. Controlled by DMX. 350822. 21W connected load at full output.

Urbis Lighting Playback Controller, Urbis DMX Splitter, and Urbis Cellular Router to be installed close to the consumer unit within the building.

Contractor will be required to find appropriate routing for cables within the building.

Ducts and cables to be laid in accordance with Waterford City & County Council specifications and I. S. 10101: Latest version.

9kN draw rope to be provided in each duct.

Excavation can only be undertaken under the supervision of Waterford City & County Council's approved archaeologist.

Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

Drawing title: Illumination layout ~ As Built		
Project title: Fáilte Ireland Urban Animation ~ Bishops Palace		
Client: Waterford City & County Council		
Project number: 22004	Date: 17/06/2025	Hard copy approved:
Drawing number: 22004 - 3A	Revision: 0	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing		All dimensions in metres
Document control: TD 09		Version: 1.0
Redmond Analytical Management Services Ltd. Rosewood House, Mount Seaton, Camolin, Enniscorthy, Co. Wexford. Y21 K8P3 086 2356356 info@redmondams.ie www.redmondams.ie		



MSLL ~ Society of Light and Lighting

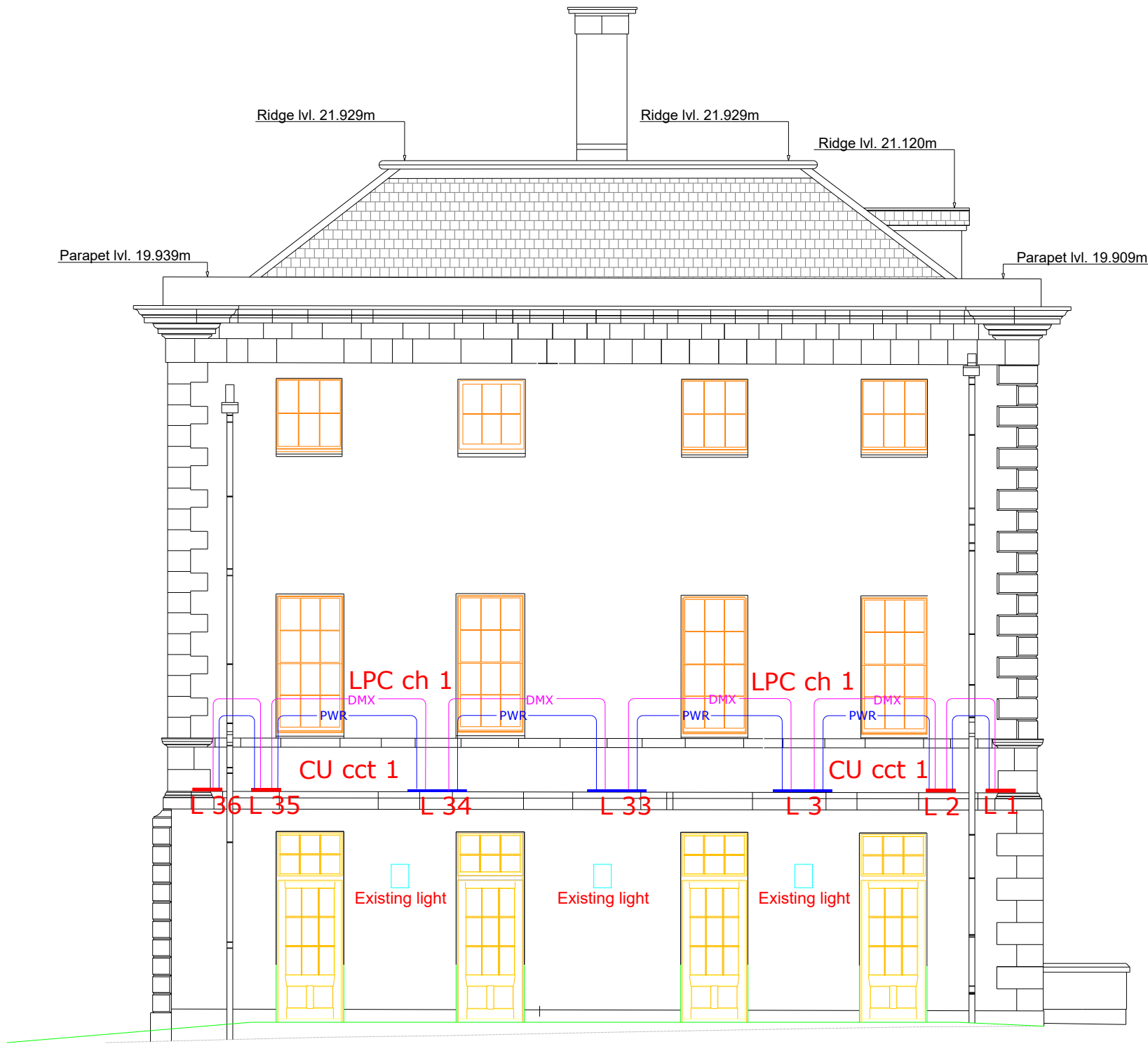
MILP ~ Institution of Lighting Professionals



Construction Baseline at 3 Metre Level

WEST ELEVATION

ELEVATION 'B'
SCALE : 1 : 100



Construction Baseline at 3 Metre Level

EAST ELEVATION

ELEVATION 'D'
SCALE : 1 : 100

- Divum 50K. 37lm at 8880K. With internal line of sight WiFi, 4 GOBO rotator wheel, dynamic effect wheel, beam shaper and DMX driver. Mounted on free standing frame, on roof, aimed towards building facade. 600W connected load. Called up in 22011 House of Waterford Crystal project.
 - Urbis Handrail 5117 3 LED 350mA warm white (3000K) profiled Poly Clear, smooth WO-7312. DMX compatible. 5W connected load at full output.
 - Urbis Sculpture S50 5128 Flat Glass RGBW 20 Oscon SSL 150 350mA 333322, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 25W connected load at maximum output.
 - Urbis Sculpture S100 6291 RGBW Diffuser P25 striated 40 Oscon SSL 150 350mA 346982, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 50W connected load at maximum output.
 - Urbis Terra Midi 6297 16 RGBW Oscon SSL 150 350mA elliptical horizontal beam. Controlled by DMX. 350822. 21W connected load at full output.
 - Urbis Lighting Playback Controller, Urbis DMX Splitter, and Urbis Cellular Router to be installed close to the consumer unit within the building.
- Contractor will be required to find appropriate routing for cables within the building.
- Ducts and cables to be laid in accordance with Waterford City & County Council specifications and I. S. 10101: Latest version.
- 9kN draw rope to be provided in each duct.
- Excavation can only be undertaken under the supervision of Waterford City & County Council's approved archaeologist.

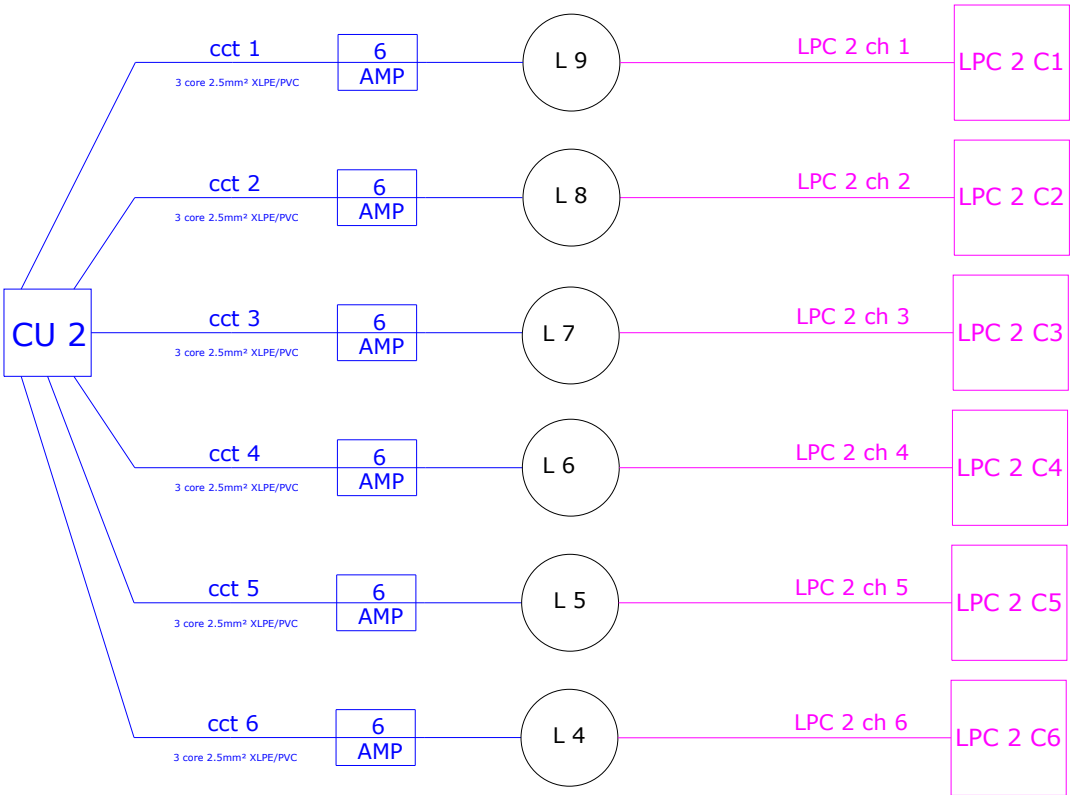
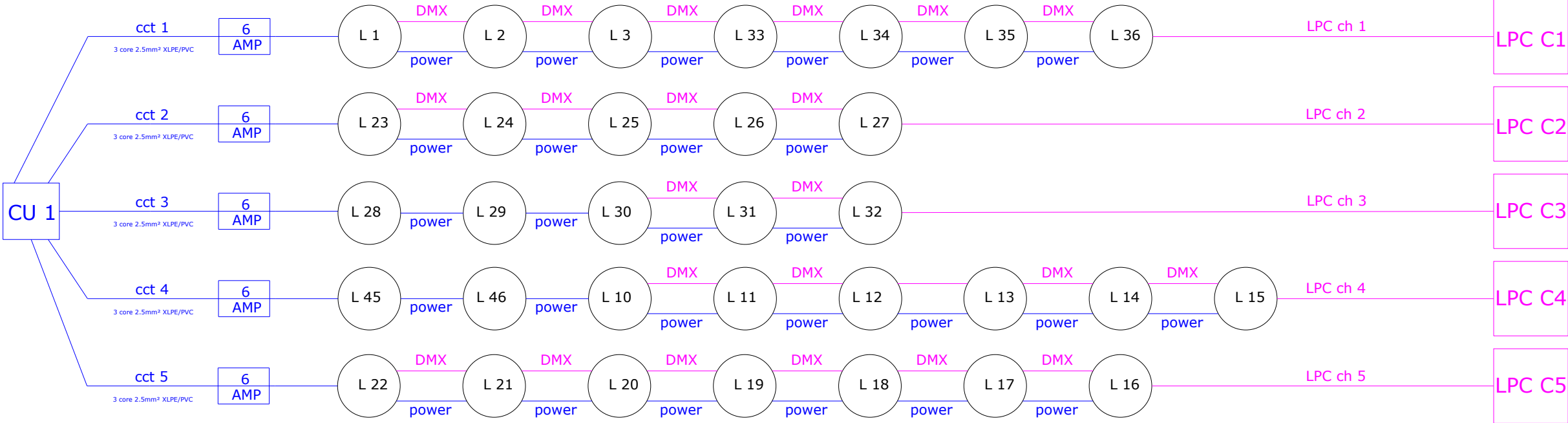
Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

Drawing title: Illumination layout ~ As Built		
Project title: Fáilte Ireland Urban Animation ~ Bishops Palace		
Client: Waterford City & County Council		
Project number: 22004	Date: 17/06/2025	Hard copy approved:
Drawing number: 22004 - 4A	Revision: 0	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing		All dimensions in metres
Document control: TD 09		Version: 1.0
Redmond Analytical Management Services Ltd. Rosewood House, Mount Seaton, Camolin, Enniscorthy, Co. Wexford. Y21 K8P3 086 2356356 info@redmondams.ie www.redmondams.ie		



MSLL ~ Society of Light and Lighting
MILP ~ Institution of Lighting Professionals





- Divum 50K. 371m at 8880K. With internal line of sight WiFi, 4 GOBO rotator wheel, dynamic effect wheel, beam shaper and DMX driver. Mounted on free standing frame, on roof, aimed towards building facade. 600W connected load. Called up in 22011 House of Waterford Crystal project.
- Urbis Handrail 5117 3 LED 350mA warm white (3000K) profiled Poly Clear, smooth WO-7312. DMX compatible. 5W connected load at full output.
- Urbis Sculpture S50 5128 Flat Glass RGBW 20 Oscon SSL 150 350mA 333322, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 25W connected load at maximum output.
- Urbis Sculpture S100 6291 RGBW Diffuser P25 striated 40 Oscon SSL 150 350mA 346982, complete with mounting kit and embellishment plate. Mounted on adjustable brackets, below cornice, with sufficient distance to minimise shadowing. To be fixed using chemical anchors only. 50W connected load at maximum output.
- Urbis Terra Midi 6297 16 RGBW Oscon SSL 150 350mA elliptical horizontal beam. Controlled by DMX. 350822. 21W connected load at full output.
- Urbis Lighting Playback Controller, Urbis DMX Splitter, and Urbis Cellular Router to be installed close to the consumer unit within the building.
- Contractor will be required to find appropriate routing for cables within the building.
- Ducts and cables to be laid in accordance with Waterford City & County Council specifications and I. S. 10101: Latest version.
- 9kN draw rope to be provided in each duct.
- Excavation can only be undertaken under the supervision of Waterford City & County Council's approved archaeologist.

Be advised that other services may exist that are not shown on this drawing. This drawing should not be taken as definitive or an indication that it is safe to dig.

Drawing title: Electrical Schematic ~ As Built		
Project title: Fáilte Ireland Urban Animation ~ Bishops Palace		
Client: Waterford City & County Council		
Project number: 22004	Date: 17/06/2025	Hard copy approved:
Drawing number: 22004 - 5A	Revision: 0	Drawn by: Patrick Redmond
Read in conjunction with associated lighting calculations		
Do not scale from drawing		All dimensions in metres
Document control: TD 09		Version: 1.0
Redmond Analytical Management Services Ltd. Rosewood House, Mount Seaton, Camolin, Enniscorthy, Co. Wexford. Y21 K8P3		
086 2356356	info@redmondams.ie	www.redmondams.ie



MSLL ~ Society of Light and Lighting

MILP ~ Institution of Lighting Professionals

