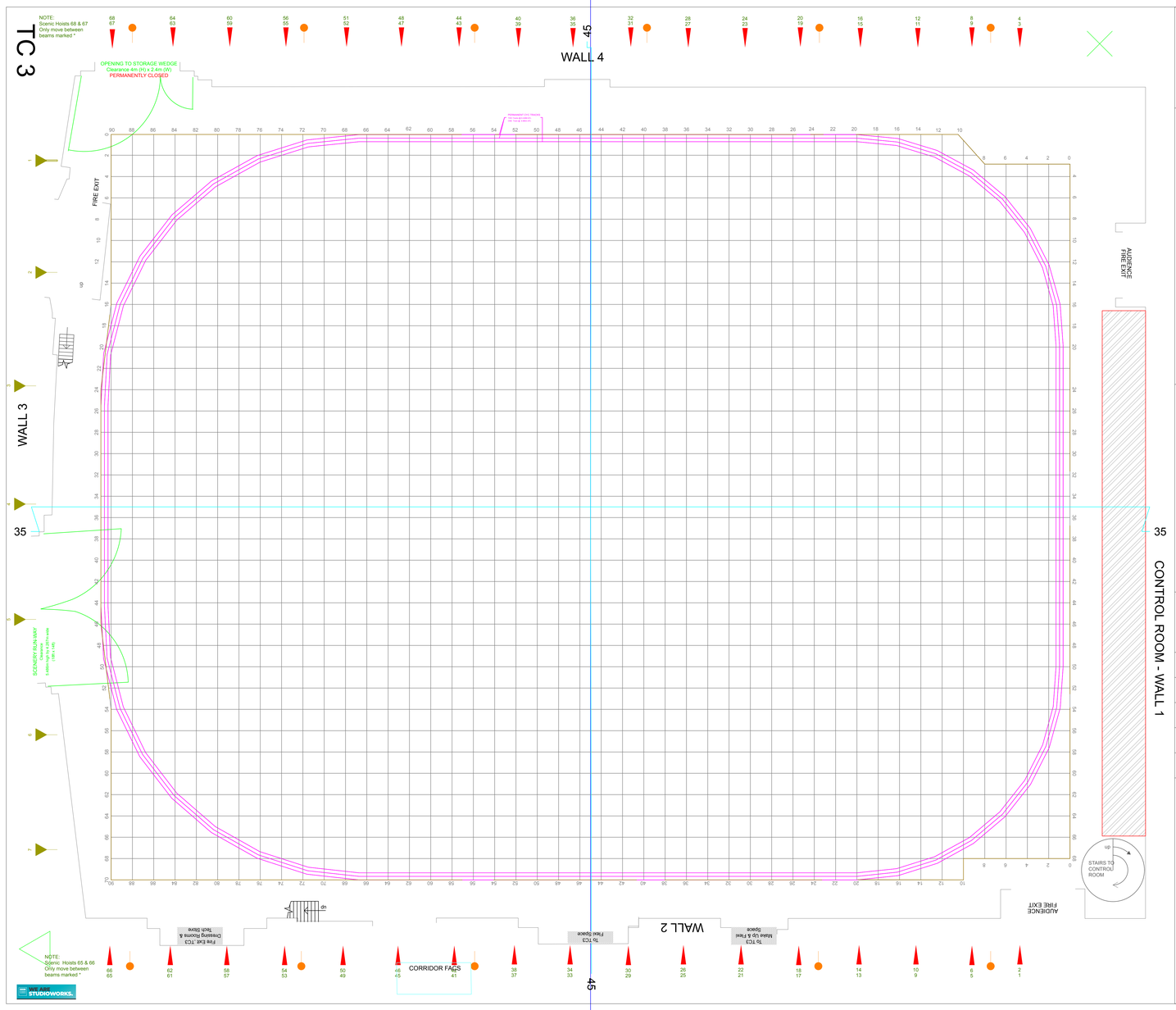
Studio TC3



Studio TC3

scale 1:50

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Tel: +44 (0) 20 3327 7400 hello@bbcstudioworks.com

Key to Symbols:

- HL House Lights
- Castella Beams
- Main Roof Trusses
- Scenic Hoists - 180Kg SWL
- Scenic Setting Floor Grid Markings 600mm Sq
- Studio Floor Centre Markings (Walls 1-2 Level Walls 2-4 Level)
- Studio Gantry Outline
- Lighting Hoist Outline SWL 200kg
- Lighting Hoist Line SWL 200 kg

Notes:

-MAX HEIGHT OF SCENERY HOOKS IS 9.50M

-MAX HEIGHT OF LIGHTING BARS IS 9.50M

-FLOOR TO UNDERSIDE OF GRID 10.70M (35ft)

-STUDIO FLOOR GRID MARKINGS - 600mm SQ.

PRODUCTION DESIGN NOTES:

PRODUCTION	
COSTING NO.	
DESIGNER	
DIRECTOR	
DRAWN BY	
ZERO DATE	
PRODUCTION DATE	

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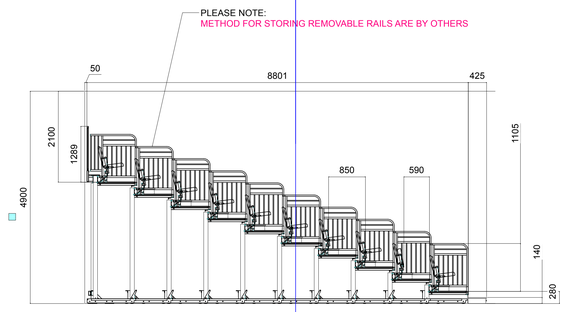
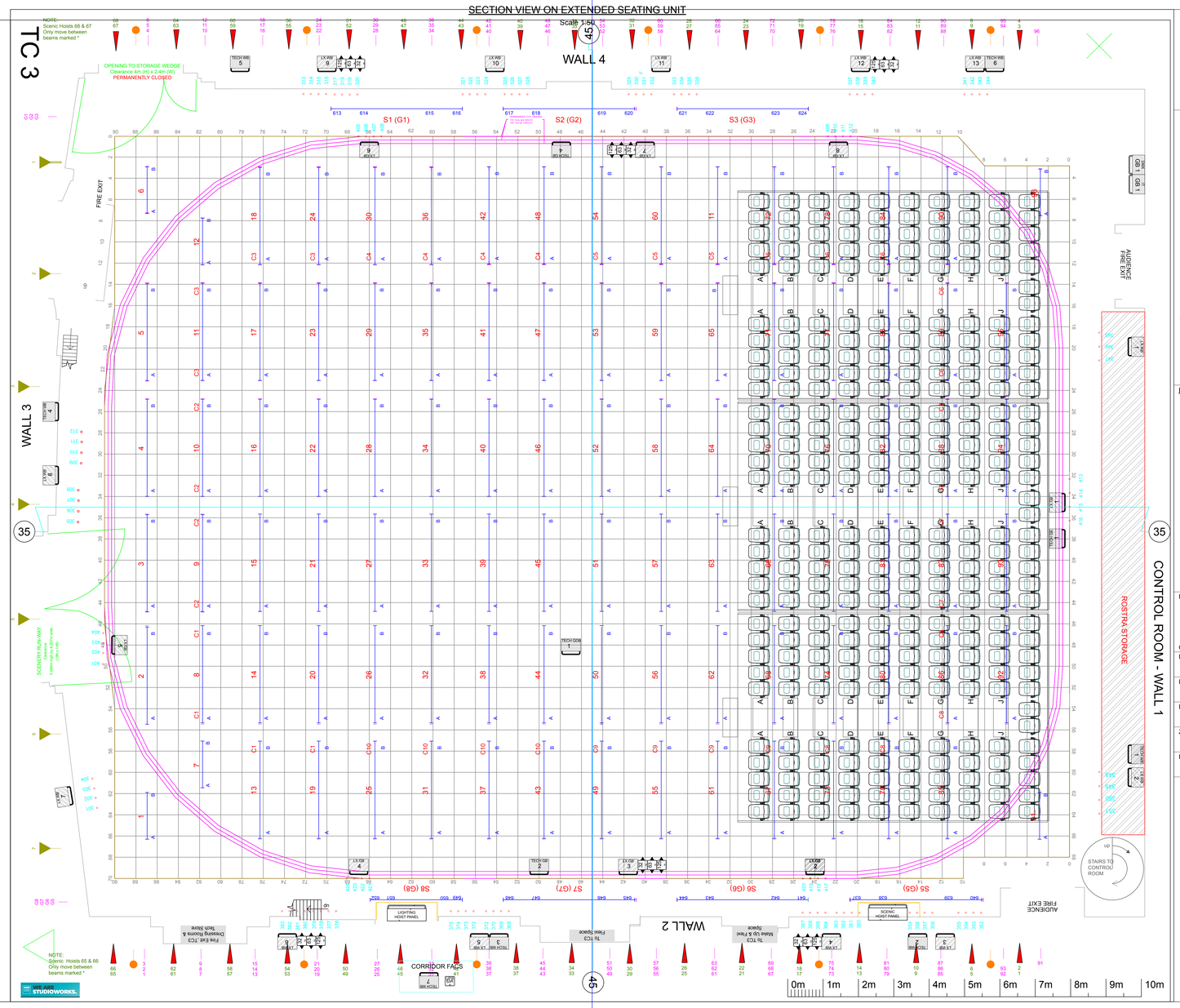
- Ver 1cd 20xdb 17 Nov May 2008 PSB Vision

Studio TC3



SECTION VIEW ON EXTENDED SEATING UNIT

Scale 1:50

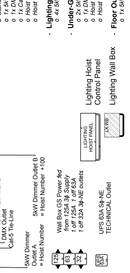


NOTE:
Scenic Hoists 65 & 66
Only move between
beams marked *

NOTE:
Scenic Hoists 68 & 67
Only move between
beams marked *

OPENING TO STORAGE WEDGE
Clearance 4m (H) x 2.4m (W)
PERMANENTLY CLOSED

LIGHTING HOIST OUTLETS & REFERENCES



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LIGHTING FACILITIES

- **Production Lighting supply - 3 Phase @ 800A per Phase**
- **Lighting Hoists Nos1 - 96**
  - 2x 5kW Dimmer/2x32A Socket Outlet A&B
  - 1x 5kW Raw Mains Hoist Number +100
  - 8 Dimmer Outlet +Hoist Number +100
  - 1x 5kW Raw Mains to 2x5A spit to 2x16A Socket Outlets
  - 2x 5kW Dimmer Outlet Hoist Number +100 to 2x16A Socket Outlets
  - 1x Cat-5 *To line from Gantry patch panel*
  - 1x Cat-5 *To line from Gantry patch panel*
  - *Hoist SWL 200kg*
  - *Hoist Max Height 9.5m*
- **Lighting Hoist Cyclorama Nos C1-C10**
  - *4x 5kW Raw Mains to 2x16A Socket Outlets*
- **Under Gantry Hoists/Nos S1, S2, S3, S4, S5, S6, S7, S8**
  - *2x 5kW Raw Mains to 2x5A spit into 2x16A Socket Outlets*
  - *1x 5kW Dimmer Outlet Hoist Number +100*
  - *1x Cat-5 *To line from Gantry DMX patch panel*
  - *Hoist SWL 200kg*
  - *Hoist Max Height 4.4m*
- **Floor Outlets**
  - *1x 5kW Dimmer/1x32A Socket Outlet Dimmer 300+*
- **Gantry Outlets**
  - *1x 2.5kW Dimmer/1x16A Socket Outlet Dimmer 400+*
- **Gantry Rail Heights**
  - *Rail Max Height 4.4m*
- **Scenic Hoists**
  - *Hoist SWL 160kg*
  - *Hoist Max Height 9.5m*

CYC CHANNEL GROUPS				
	A	B	C	D
C1	201			
C2				
1Cable(s)500(B)X-C3				
1Cable(s)500(B)X-C4				
1Cable(s)500(B)X-C5				
1Cable(s)500(B)X-C6				
1Cable(s)500(B)X-C7				
1Cable(s)500(B)X-C8				
1Cable(s)500(B)X-C9				
1Cable(s)500(B)X-C10				

Studio TC3

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PRODUCTION

STUDIO DATES

LIGHTING

Studio TC3

scale 1:50

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Tel: +44 (0) 20 3327 7400 hello@bbcstudioworks.com

Key to Symbols:

- HL House Lights
- Castella Beams
- Main Roof Trusses
- Scenic Hoists - 180Kg SWL
- Scenic Setting Floor Grid Markings *(600mm Sq)*
- Studio Floor Centre Markings *(Walls 1-2 Leather Walls 3-4 Lino#65)*
- Studio Gantry Outline
- Lighting Hoist Outline SWL 200kg
- Lighting Hoist Line SWL 200 kg
- Wall Box GS Power *fed from 125A 3ϕ Supply*
- *1 off 125A 1 off 63A 1 off 32A 3ϕ-NE outlets*
- UPS 63A Sϕ-NE TECHNICAL Outlet
- LIGHTING HOST PANEL — Lighting Hoist Control Panel
- LX WB — Lighting Wall Box
- SCENIC HOST PANEL — Scenic Hoist Control Panel
- TECH WB — Technical Wall Box

Notes:

-MAX HEIGHT OF SCENERY HOOKS IS 9.50M

-MAX HEIGHT OF LIGHTING BARS IS 9.50M

-FLOOR TO UNDERSIDE OF GRID 10.70M (35ft)

-STUDIO FLOOR GRID MARKINGS - 600mm SQ.

Wall Box Legends

- *Floor Lighting WB = LX WB ??*
- *Gantry Lighting WB = LX GB ??*
- *Floor Technical WB= TECH WB ??*
- *Gantry Technical WB= TECH GB ??*
- *Grid Technical WB= TECH GDB ??*

PRODUCTION DESIGN NOTES:

PRODUCTION	
COSTING NO.	
DESIGNER	
DIRECTOR	
DRAWN BY	
ZERO DATE	
PRODUCTION DATE	

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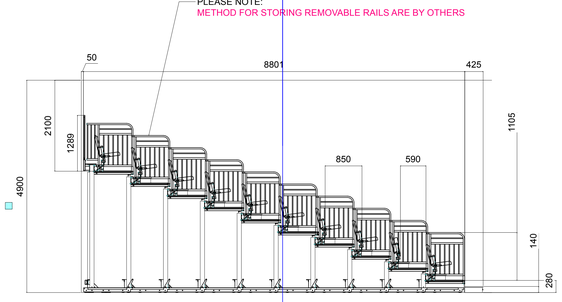

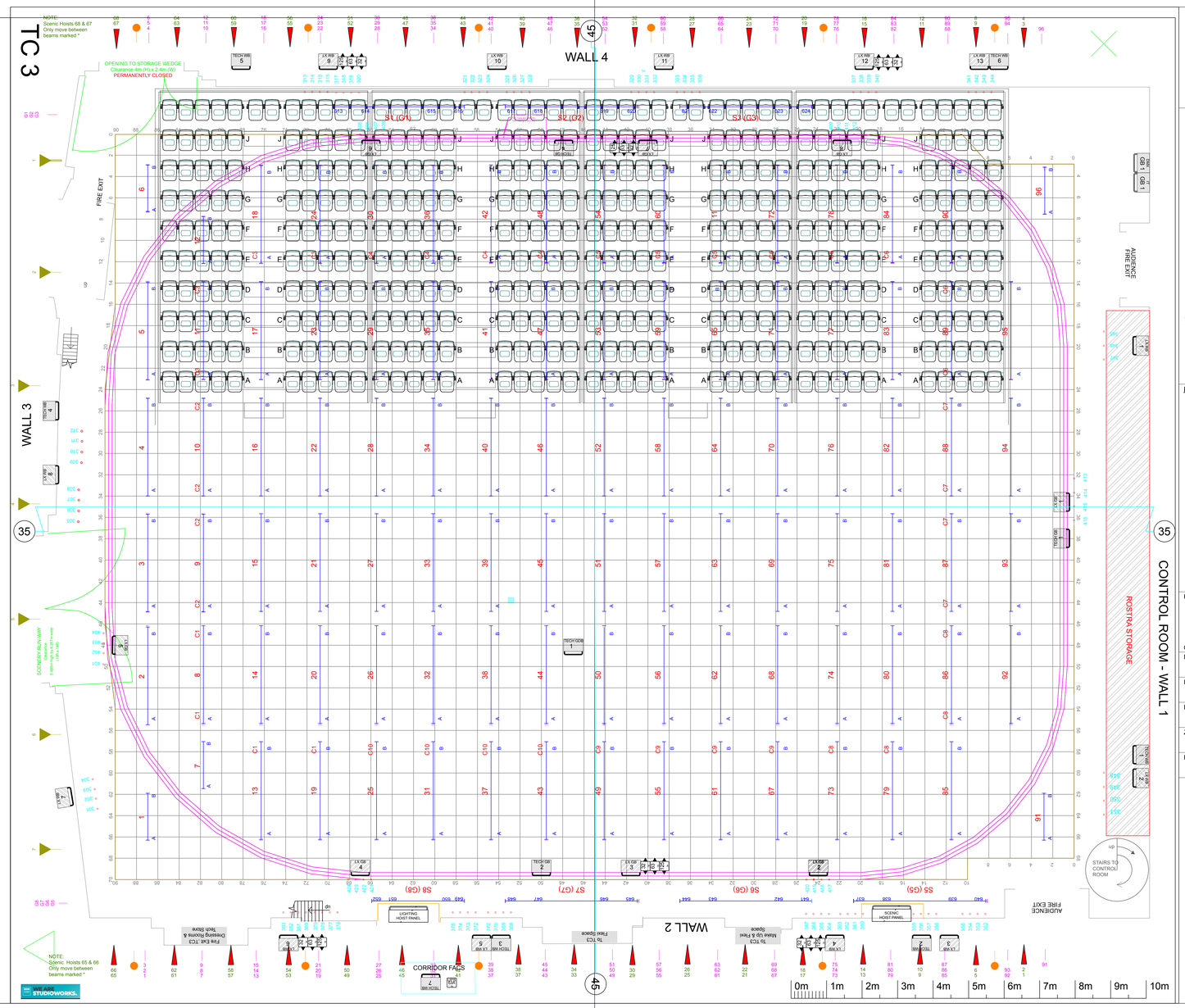

Studio TC3

scale 1:50

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Tel: +44 (0) 20 3327 7400 hello@bbcstudioworks.com

Key to Symbols:

- HL House Lights
- Castella Beams
- Main Roof Trusses
- Scenic Hoists - 180Kg SWL
- Scenic Setting Floor Grid Markings (600mm Sq)
- Studio Floor Centre Markings (Walls 1-2 Locked Walls 3-4 Loose)
- Studio Gantry Outline
- Lighting Hoist Outline SWL 200kg
- Lighting Hoist Line SWL 200 kg
- Wall Box GS Power *fed from 125A 3ϕ Supply*
- *1 off 125A 1 off 63A 1 off 32A 3ϕ-NE outlets*
- UPS 63A SϕNE TECHNICAL Outlet
- LIGHTING HOIST PANEL — Lighting Hoist Control Panel
- LX WB — Lighting Wall Box
- SCENIC HOIST PANEL — Scenic Hoist Control Panel
- TECH WB — Technical Wall Box

Notes:

- MAX HEIGHT OF SCENERY HOOKS IS 9.50M
- MAX HEIGHT OF LIGHTING BARS IS 9.50M
- FLOOR TO UNDERSIDE OF GRID 10.70M (35ft)
- STUDIO FLOOR GRID MARKINGS - 600mm SQ.

· **Wall Box Legends**

- o *Floor Lighting WB = LX WB ??*
- o *Gantry Lighting WB = LX GB ??*
- o *Floor Technical WB= TECH WB ??*
- o *Gantry Technical WB= TECH GB ??*
- o *Grid Technical WB= TECH GDB ??*

PRODUCTION DESIGN NOTES:

PRODUCTION	
COSTING NO.	
DESIGNER	
DIRECTOR	
DRAWN BY	
ZERO DATE	
PRODUCTION DATE	

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Ver tc3 2020 17 Nov May 2020 P3B Vision

LIGHTING HOIST OUTLETS & REFERENCES

Lighting Hoist Control Panel — LIGHTING HOIST PANEL
Lighting Wall Box — LX WB
Scenic Hoist Control Panel — SCENIC HOIST PANEL
Technical Wall Box — TECH WB

WALL BOX LEGENDS

- o *Floor Lighting WB = LX WB ??*
- o *Gantry Lighting WB = LX GB ??*
- o *Floor Technical WB= TECH WB ??*
- o *Gantry Technical WB= TECH GB ??*
- o *Grid Technical WB= TECH GDB ??*

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Updated: Tue 19th Jan 2021 by Chris Jones
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LIGHTING FACILITIES

- **Production Lighting supply - 3 Phase @ 800A per Phase**
- **Lighting Hoists Nos1 - 96**
  - o 2x 5kW Dimmer2x32A Socket Outlet A&B
  - o A Hoists Nos1 - 100 Hoist Number +100
  - o B Dimmer Outlet +Hoist Number +100
  - o 1x 5kW Raw Mains1x32A split to 2x16A Socket Outlets
  - o 5 x 5kW Raw Mains1x32A split to 2x16A Socket Outlets
  - o 17 x 5kW Dark Power Sockets1x16A Socket
  - o 11 Cat 5
  - o Hoist Type *Tie-line From Gantry patch panel*
  - o Hoist Max Height 9.5m
- **Lighting Hoist Cyclorama Nos C1-C10**
  - *4x 5kW Raw Mains1x32A Socket Outlets*
- **Under Gantry HoistNos S1, S2, S3, S4, S5, S6, S7, S8**
  - o 2x 5kW Raw Mains1x32A split to 2x16A Socket Outlets
  - o 12 x 5kW Dark Power Sockets1x16A Socket Outlets
  - o Hoist Type *Tie-line From Gantry DMX patch panel*
  - o Hoist Max Height 4.4m
- **Floor Outlets**
  - *1x 5kW Dimmer1x32A Socket Outlet Dimmer 300+*
- **Gantry Outlets**
  - *1x 2.5kW Dimmer1x16A Socket Outlet Dimmer 400+*
- **Gantry Rail Heights**
  - *Front 2.7m Back 4.5m*
- **Scenic Hoists**
  - o Hoist SWL 180Kg
  - o Hoist Max Height 9.30M

CVC CHANGE GROUPS				
	A	B	C	D
C1	201			
C2				
\$Cable[000]\$[C1-C3]				
\$Cable[000]\$[C1-C4				
\$Cable[000]\$[C1-C5				
\$Cable[000]\$[C1-C6				
\$Cable[000]\$[C1-C7				
\$Cable[000]\$[C1-C8				
\$Cable[000]\$[C1-C9				
\$Cable[000]\$[C1-C10				

Studio TC3

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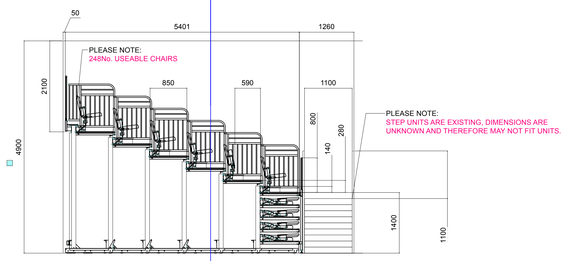
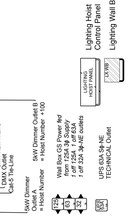
PRODUCTION	
STUDIO DATES	
LIGHTING	



SECTION VIEW ON TRUNCATED SEATING UNIT

LIGHTING HOIST OUTLETS & REFERENCES



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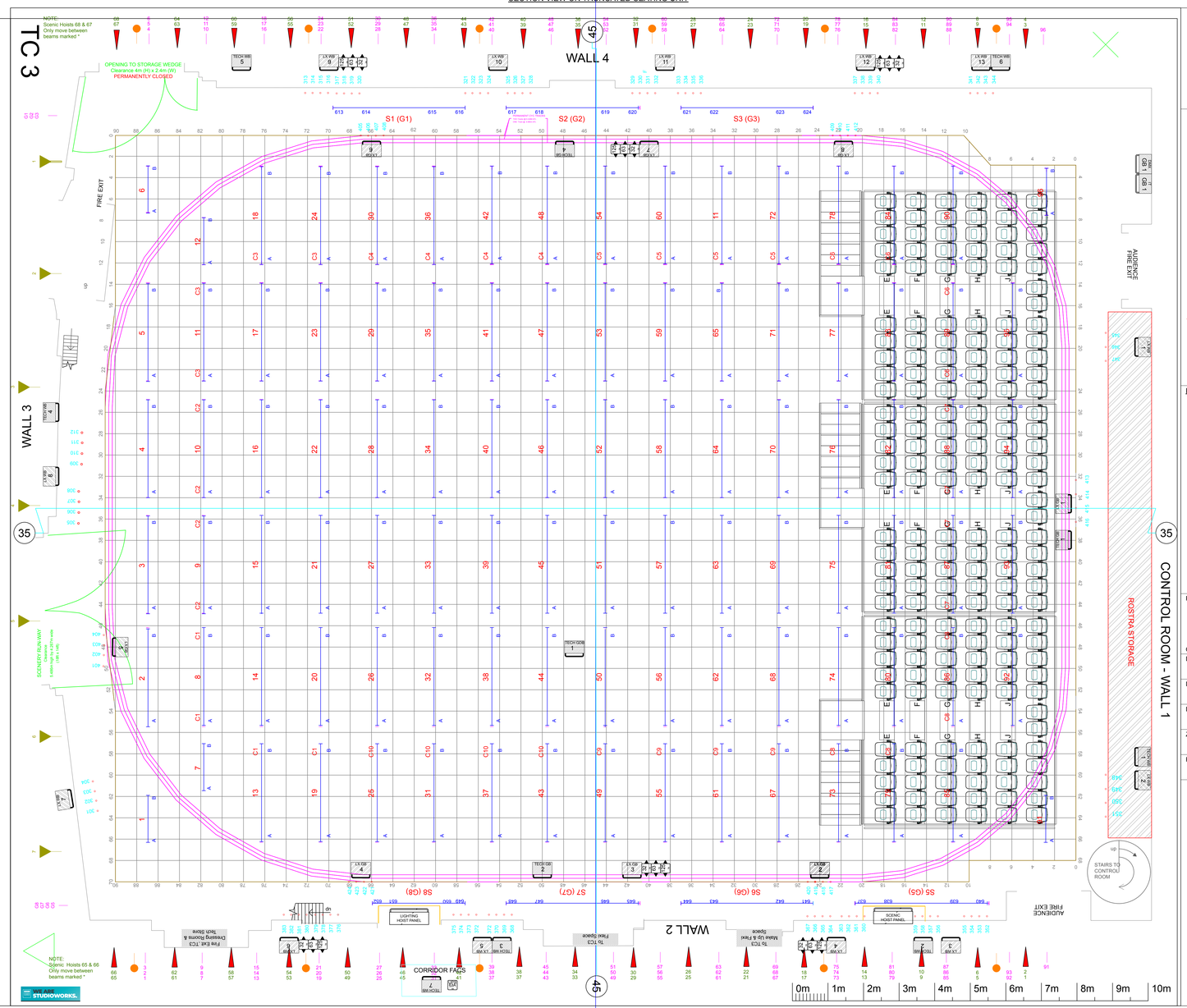
LIGHTING FACILITIES

- **Production Lighting supply - 3 Phase @ 800A per Phase**
- **Lighting Hoists Nos1 - 96**
  - o 2x 5kW Dimmer/2x32A Socket Outlet A&B
  - o 1x 5kW Raw Mains/1x32A Socket Outlet
  - o 8 Dimmer Outlet +Hoist number +100
  - o 2x 5kW Dimmer/2x32A Socket Outlet A & B
  - o 1x 5kW Raw Mains/1x32A spare to 3x16A Socket Outlets
  - o 2x 5kW Dimmer/2x32A Spare to 3x16A Socket Outlets
  - o 1x Cat-5 *To line from Gantry patch panel*
  - o 1x Cat-6 *To line from Gantry patch panel*
  - o *Hoist Max Height 9.5m*
- **Lighting Hoist Cyclorama Nos C1-C10**
  - o *4x 5kW Dimmer/4x32A Socket Outlets*
- **Under Gantry Hoists/Nos S1, S2, S3, S4, S5, S6, S7, S8**
  - o *2x 5kW Raw Mains/1x32A split into 2x16A Socket Outlets*
  - o *1x USB Cat-6 from Gantry DMX patch panel*
  - o *Hoist SWL 200kg*
  - o *Hoist Max Height 4.4m*
- **Floor Outlets**
  - o *1x 5kW Dimmer/1x32A Socket Outlet Dimmer 300+*
- **Gantry Outlets**
  - *1x 2.5kW Dimmer/1x16A Socket Outlet Dimmer 400+*
- **Gantry Rail Heights**
  - *Rail Height 2.4m*
- **Scenic Hoists**
  - o *Hoist SWL 160kg*
  - o *Hoist Max Height 9.5m*

CYC CHANNEL GROUPS				
	A	B	C	D
C1	201			
C2				
1Cable	300/0/0	301/-C3		
2Cable	300/0/0	301/-C4		
3Cable	300/0/0	301/-C5		
4Cable	300/0/0	301/-C6		
5Cable	300/0/0	301/-C7		
6Cable	300/0/0	301/-C8		
7Cable	300/0/0	301/-C9		
8Cable	300/0/0	301/-C10		



Studio TC3

scale 1:50

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Tel: +44 (0) 20 3327 7400 hello@bbcstudioworks.com

Key to Symbols:

- HL House Lights
- Castella Beams
- Main Roof Trusses
- Scenic Hoists - 180Kg SWL
- Scenic Setting Floor Grid Markings *(600mm Sq)*
- Studio Floor Centre Markings *(Walls 1-2 Leafed Walls 3-4 Leafed)*
- Studio Gantry Outline
- Lighting Hoist Outline SWL 200kg
- Lighting Hoist Line SWL 200 kg
- Wall Box GS Power *fed from 125A 3ϕ Supply*
- *1 off 125A 1 off 63A 1 off 32A 3ϕ-NE outlets*
- UPS 63A Sϕ-NE TECHNICAL Outlet
- LIGHTING HOST PANEL — Lighting Hoist Control Panel
- LX WB — Lighting Wall Box
- SCENIC HOST PANEL — Scenic Hoist Control Panel
- TECH WB — Technical Wall Box

Notes:

-MAX HEIGHT OF SCENERY HOOKS IS 9.50M

-MAX HEIGHT OF LIGHTING BARS IS 9.50M

-FLOOR TO UNDERSIDE OF GRID 10.70M (35ft)

-STUDIO FLOOR GRID MARKINGS - 600mm SQ.

Wall Box Legends

- *Floor Lighting WB = LX WB ??*
- *Gantry Lighting WB = LX GB ??*
- *Floor Technical WB= TECH WB ??*
- *Gantry Technical WB= TECH GB ??*
- *Grid Technical WB= TECH GDB ??*

PRODUCTION DESIGN NOTES:

PRODUCTION	
COSTING NO.	
DESIGNER	
DIRECTOR	
DRAWN BY	
ZERO DATE	
PRODUCTION DATE	

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Studio TC3

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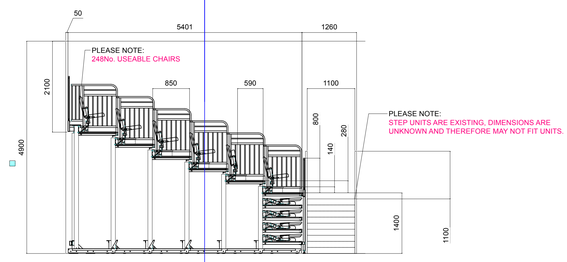
PRODUCTION

STUDIO DATES

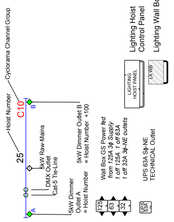
LIGHTING



SECTION VIEW ON TRUNCATED SEATING UNIT

Scale 1:40

LIGHTING HOIST OUTLETS & REFERENCES



LIGHTING FACILITIES

- **Production Lighting supply - 3 Phase @ 800A per Phase**
- **Lighting Hoists Nos1 - 96**
  - 2x 5kW Dimmer/2x32A Socket Outlet A&B
  - 1x 5kW Flex-Mains Hoist Type
  - 8 Dimmer Outlet Hoist Number +100
  - 2x 5kW Dimmer/2x32A Socket Outlet A & B
  - 1x 5kW Flex-Mains Hoist to 2x16A Socket Outlets
  - 2x 5kW Dimmer/2x32A split into 2x16A Socket Outlets
  - 1x 5kW Dimmer/2x32A split into 2x16A Socket Outlets
  - 1x Cat-5 *To line from Gantry patch panel*
  - 1x Cat-5 *To line from Gantry patch panel*
  - *Hoist Max Height 9.5m*
  - *Hoist Max Height 5.0m*
- **Lighting Hoist Cyclorama Nos C1-C10**
  - *4x 5kW Dimmer/4x32A Socket Outlets*
- **Under-Gantry HoistNos S1, S3, S5, S6, S7, S8**
  - *2x 5kW Flex-Mains/1x32A split into 2x16A Socket Outlets*
  - *1x 5kW Dimmer/1x32A Socket Outlet*
  - *1x Cat-5 *To line from Gantry DMX patch panel*
  - *Hoist Max Height 4.4m*
- **Floor Outlets**
  - *1x 5kW Dimmer/1x32A Socket Outlet Dimmer 300+*
- **Gantry Outlets**
  - *1x 2.5kW Dimmer/1x16A Socket Outlet Dimmer 400+*
- **Gantry Rail Heights**
  - *Rail Height 2.4m*
- **Scenic Hoists**
  - *Hoist SWL 180Kg*
  - *Hoist Max Height 9.30M*

WALL BOX LEGENDS
- *Floor Lighting WB = LX WB ??*
- *Gantry Lighting WB = LX GB ??*
- *Floor Technical WB= TECH WB ??*
- *Gantry Technical WB= TECH GB ??*
- *Grid Technical WB= TECH GDB ??*

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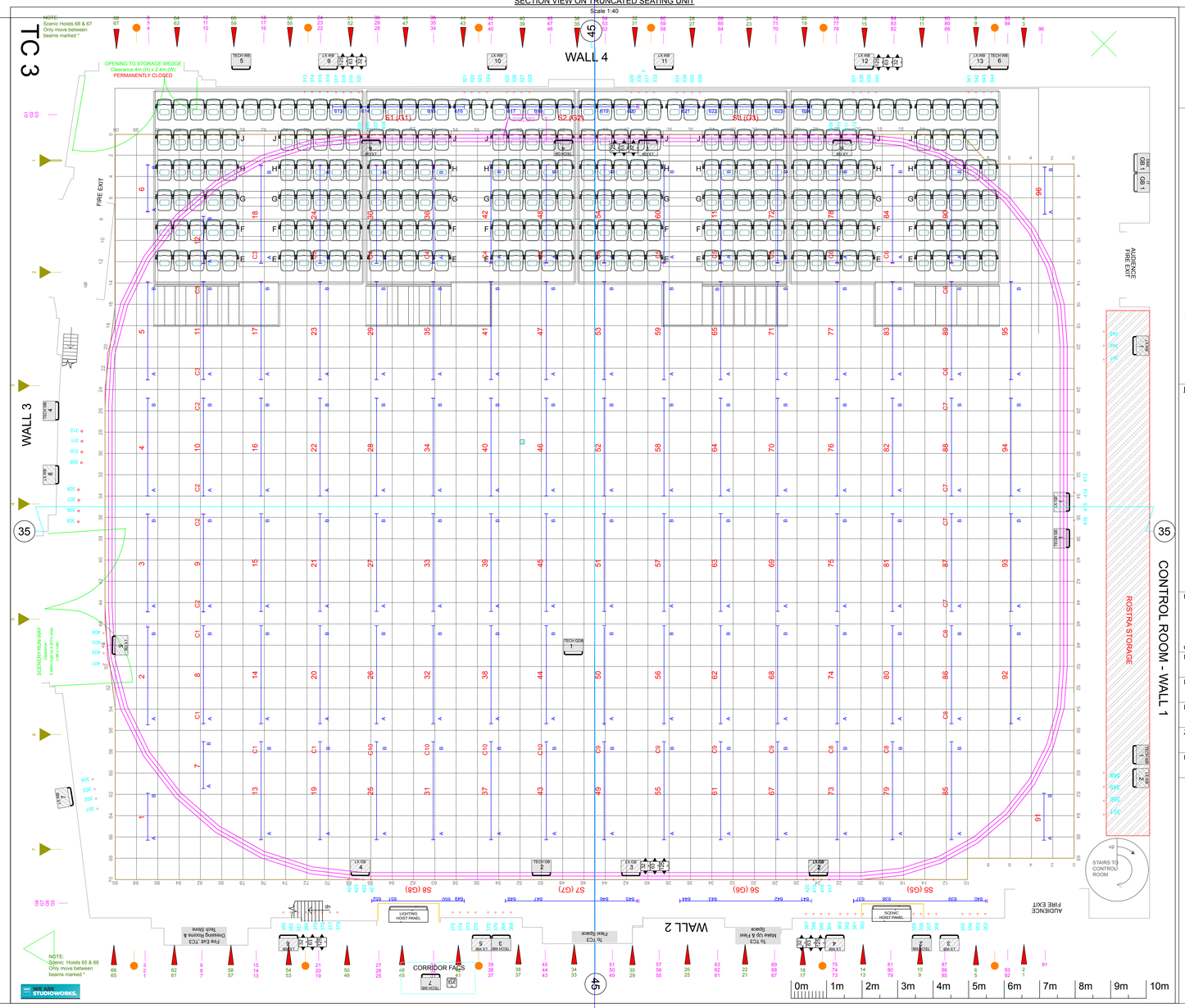
CYC CHANNEL GROUPS

	A	B	C	D
C1	201			
C2				
1Cable	200/0/0/0	201-C3		
2Cable	200/0/0/0	201-C4		
3Cable	200/0/0/0	201-C5		
4Cable	200/0/0/0	201-C6		
5Cable	200/0/0/0	201-C7		
6Cable	200/0/0/0	201-C8		
7Cable	200/0/0/0	201-C9		
8Cable	200/0/0/0	201-C10		



Studio TC3

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Tel: +44 (0) 20 3327 7400

PRODUCTION

STUDIO DATES

LIGHTING

Studio TC3

scale 1:50

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Key to Symbols:

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- Castella Beams
- Main Roof Trusses
- Scenic Hoists - 180Kg SWL
- Scenic Setting Floor Grid Markings *(600mm Sq)*
- Studio Floor Centre Markings *(Mark 1-2 Locked Mark 2-4 Loose)*
- Studio Gantry Outline
- Lighting Hoist Outline SWL 200kg
- Lighting Hoist Line SWL 200 kg
- Wall Box GS Power *fed from 125A 3ϕ Supply*
  1 off 125A 1 off 63A 1 off 32A 3ϕ-NE outlets
- UPS 63A SϕNE TECHNICAL Outlet
- LIGHTING HOIST PANEL — Lighting Hoist Control Panel
- LX WB — Lighting Wall Box
- SCENIC HOIST PANEL — Scenic Hoist Control Panel
- TECH WB — Technical Wall Box

Notes:

-MAX HEIGHT OF SCENERY HOOKS IS 9.50M

-MAX HEIGHT OF LIGHTING BARS IS 9.50M

-FLOOR TO UNDERSIDE OF GRID 10.70M (SR)

-STUDIO FLOOR GRID MARKINGS - 600mm SQ.

- **Wall Box Legends**
  - *Floor Lighting WB = LX WB ??*
  - *Gantry Lighting WB = LX GB ??*
  - *Floor Technical WB= TECH WB ??*
  - *Gantry Technical WB= TECH GB ??*
  - *Grid Technical WB= TECH GDB ??*

PRODUCTION DESIGN NOTES:

PRODUCTION

COSTING NO.

DESIGNER

DIRECTOR

DRAWN BY

ZERO DATE

PRODUCTION DATE

WE ARE STUDIOWORKS.

BBC Studioworks strives, with its best endeavour, to ensure that the information contained within these drawings is accurate and fit for purpose. Dimensions are taken from electronic measurements, or, any doubt, as to the exact conditions on site, it is strongly recommended that a site survey is conducted, prior to any works being undertaken.

Taking this simple precaution can and does save a lot of embarrassment.

Please contact BBC Studioworks on +44 (0)203 327 6900 or your projects Studio Resource Manager for further assistance.

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