

**STUDIO H**

ROBO CAM LIVE ACTIVE LOAD  
APPROXIMATELY 800 LBS

SLIDING BATTEN WALL H09B

REVISED:  
STRUCTURAL SUPPORT  
PER ENGINEERED STAMP  
DRAWINGS FROM  
CLARK REDER ENGINEERING

1  
H1.0  
STUDIO PLAN: 4H  
Scale: 1/2" = 1'-0"

NEWS LIVE STUDIO H ABC GALAXY

PRODUCTION DESIGNER: SETH EASTER

ART DIRECTOR: MICHAEL V MOORE

Preliminary Only  
Date: 12/18/24

H1.0

STABILITLY MEMBERS WILL  
ADJUST DIMENSION TO  
MEET STRUT CLEATS  
ATTACHED TO WALLS

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VENUE'S DOUBLE STRUT  
VERTICAL  
4'-0" SPACING TYPICAL

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4'-0" SPACING TYPICAL

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1  
H1.3  
STUDIO PLAN: 4H  
Scale: 1/2" = 1'-0"

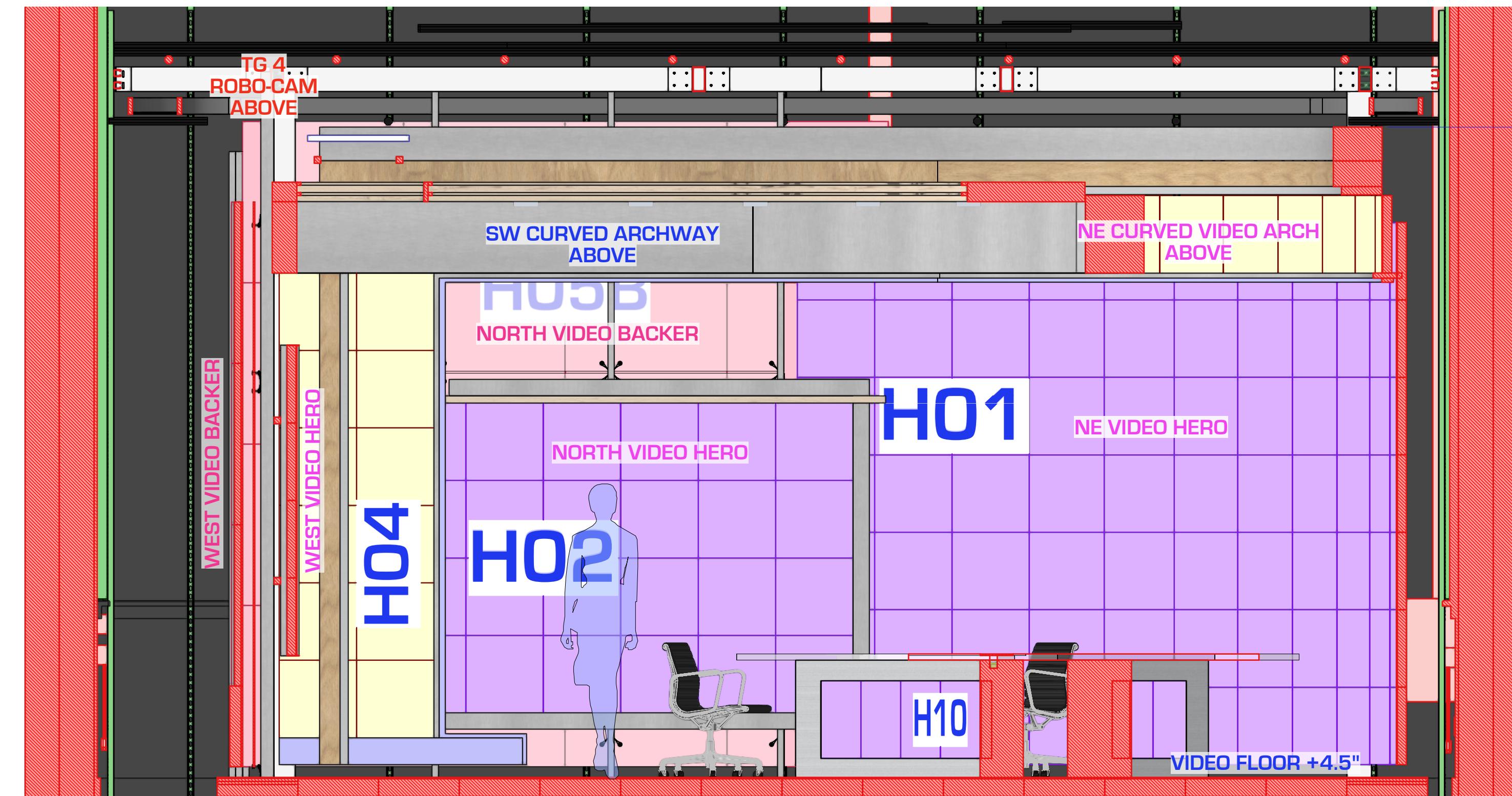
NEWS LIVE STUDIO H ABC GALAXY

PRODUCTION DESIGNER: SETH EASTER

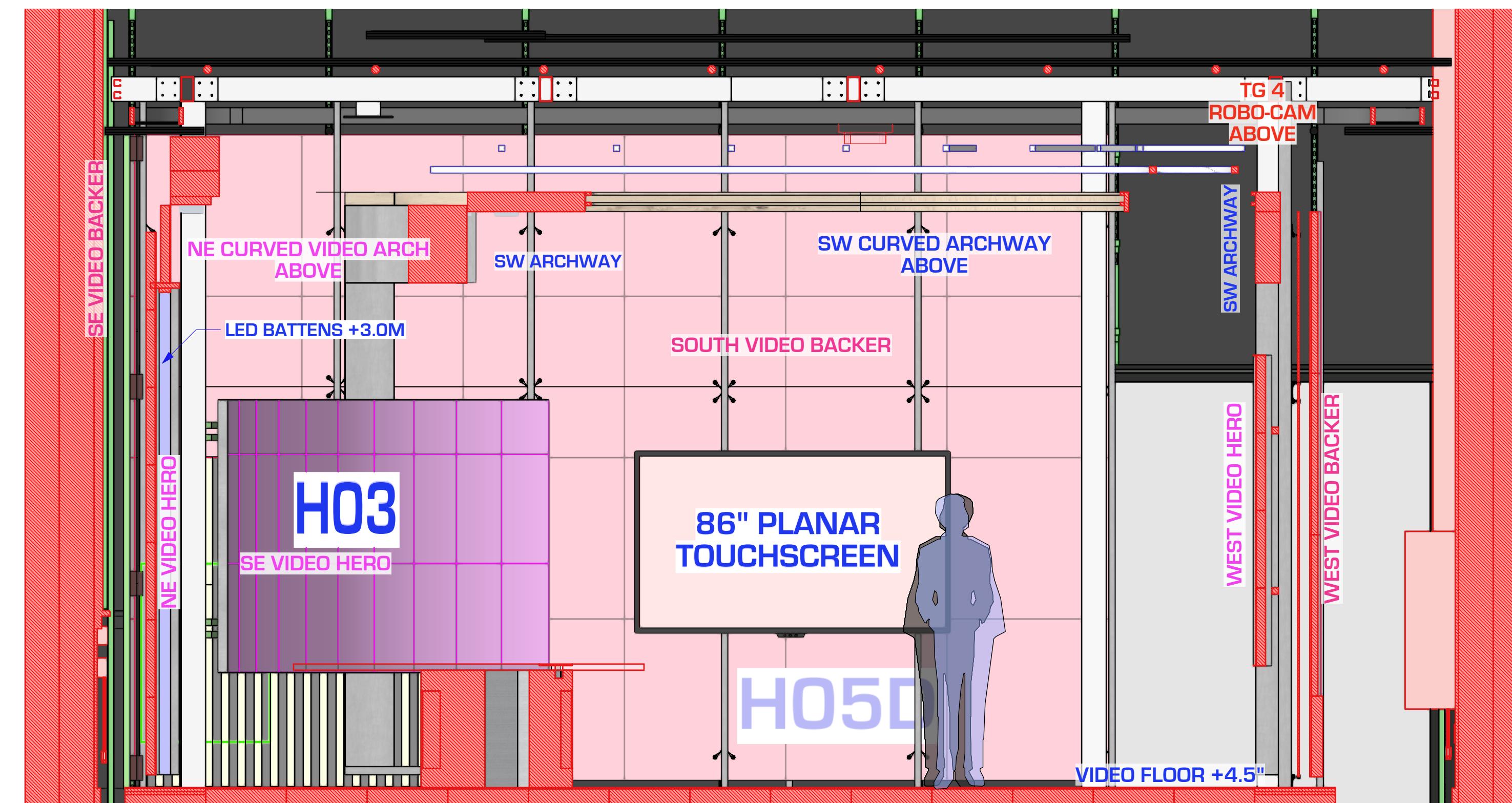
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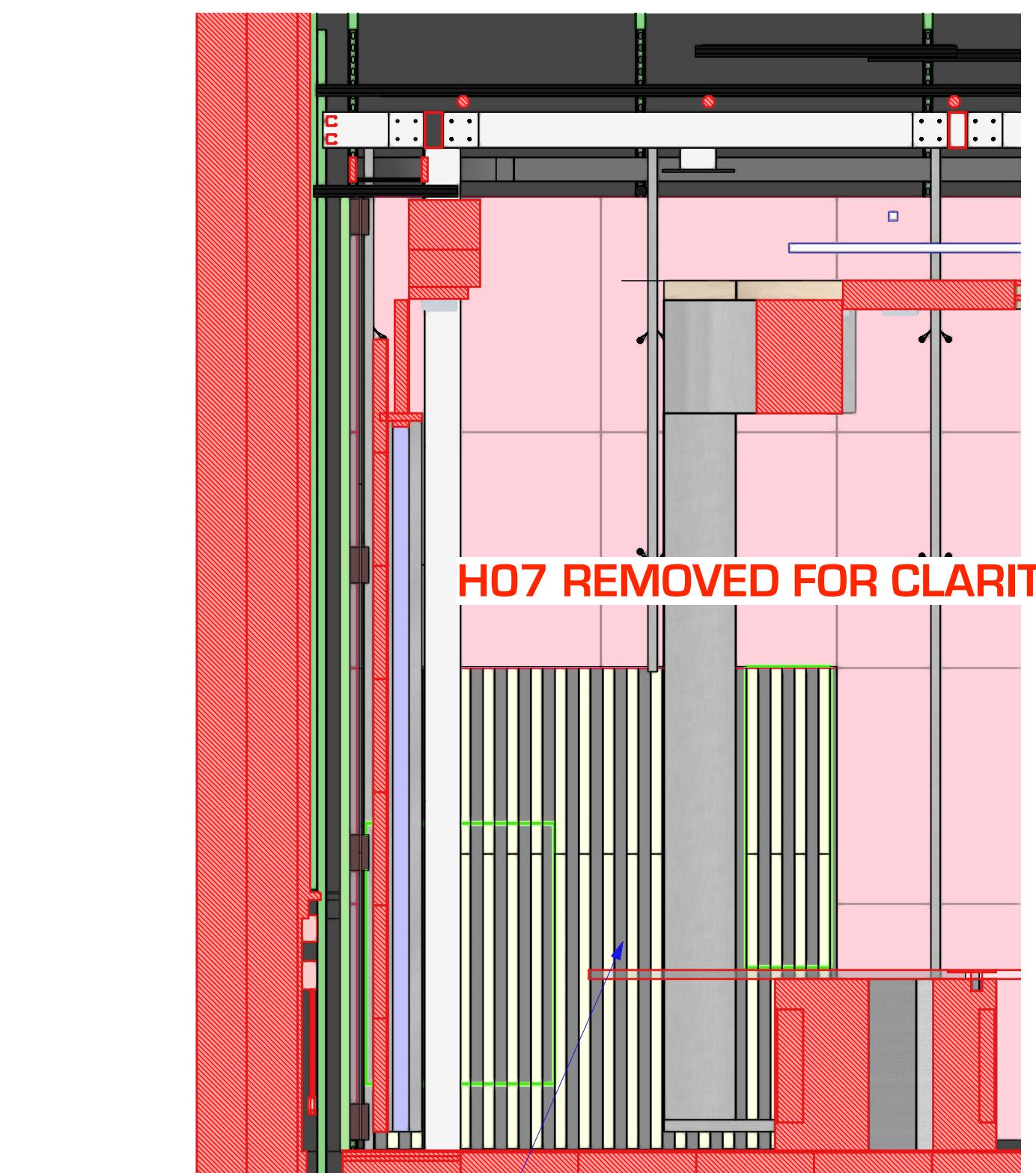
H1.3



**1**  
H2.O  
NORTH SECTION: STUDIO 4H  
Scale: 1/2" = 1'-0"



HO7 REMOVED FOR CLARITY



**2**  
H2.O  
SOUTH SECTION: STUDIO 4H  
Scale: 1/2" = 1'-0"

PORTAL THOUGH GLASS  
WALL AND BACKER

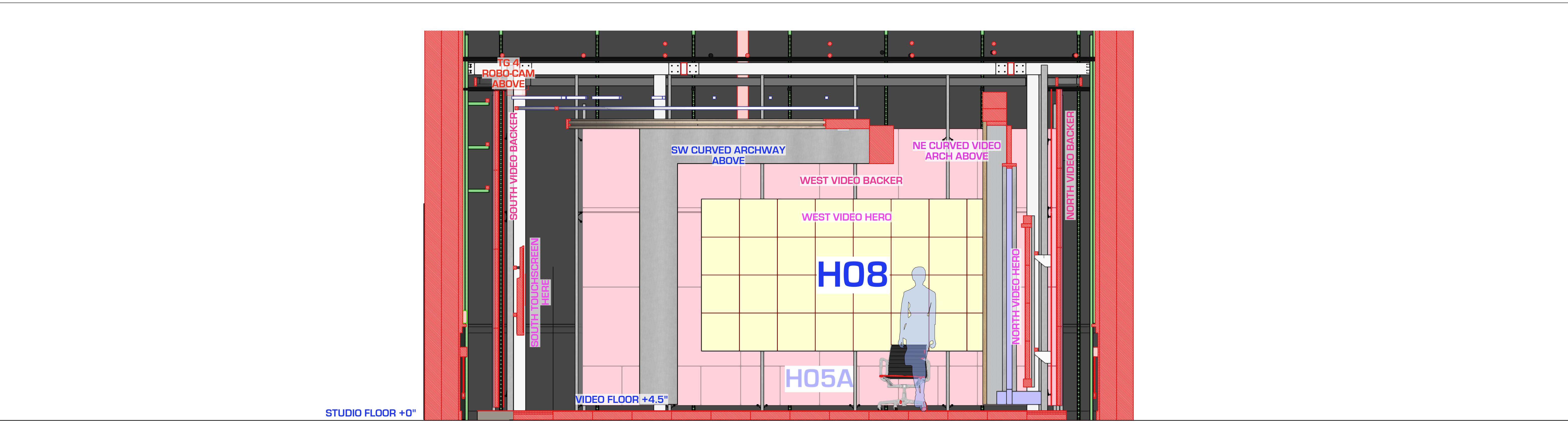
NEWS LIVE STUDIO H ABC GALAXY

PRODUCTION DESIGNER: SETH EASTER

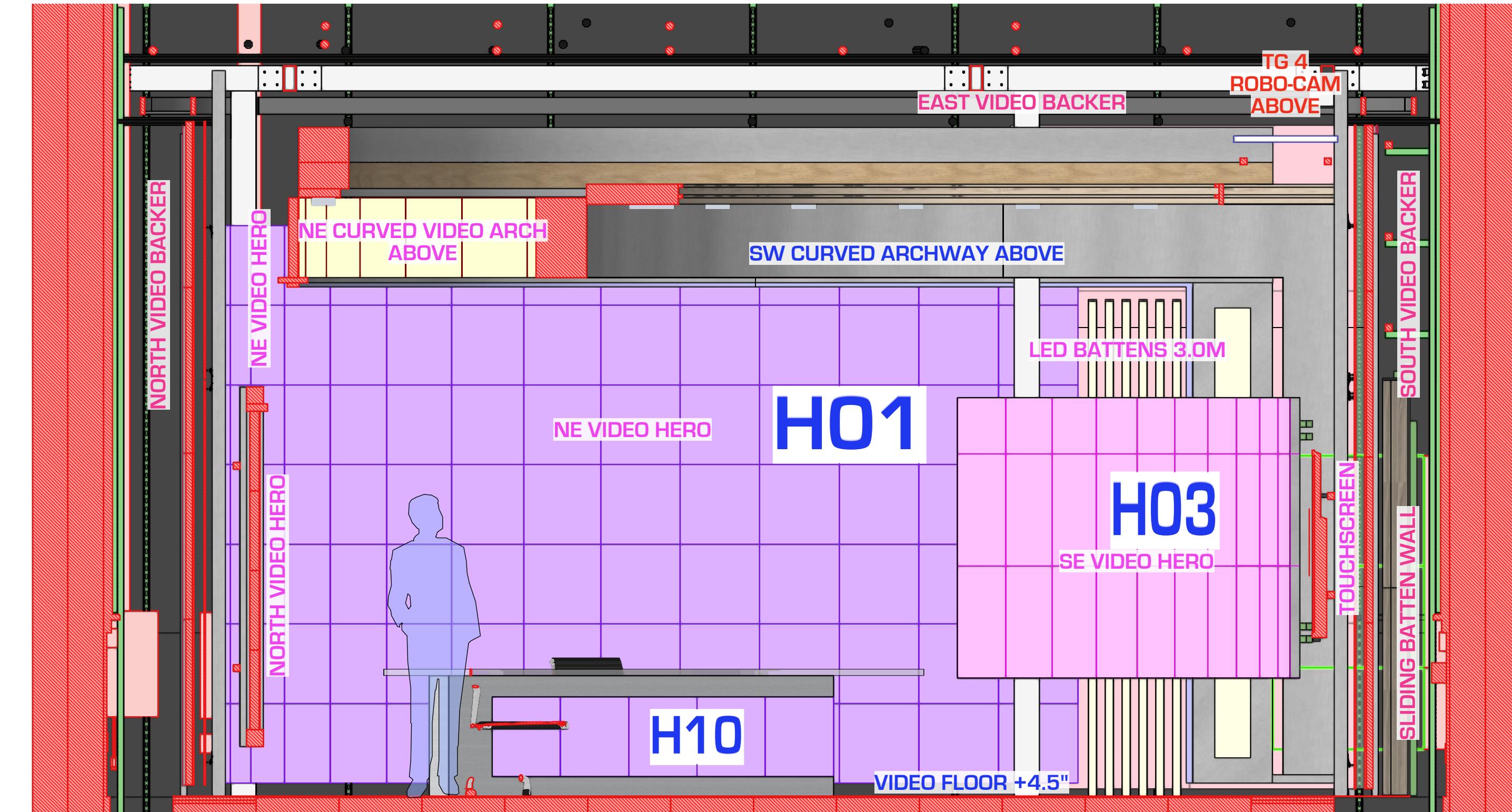
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H2.O



1  
H2.1 **WEST SECTION: 4H**  
Scale: 1/2" = 1'-0"



2  
H2.1 **EAST SECTION; 4H**  
Scale: 1/2" = 1'-0"

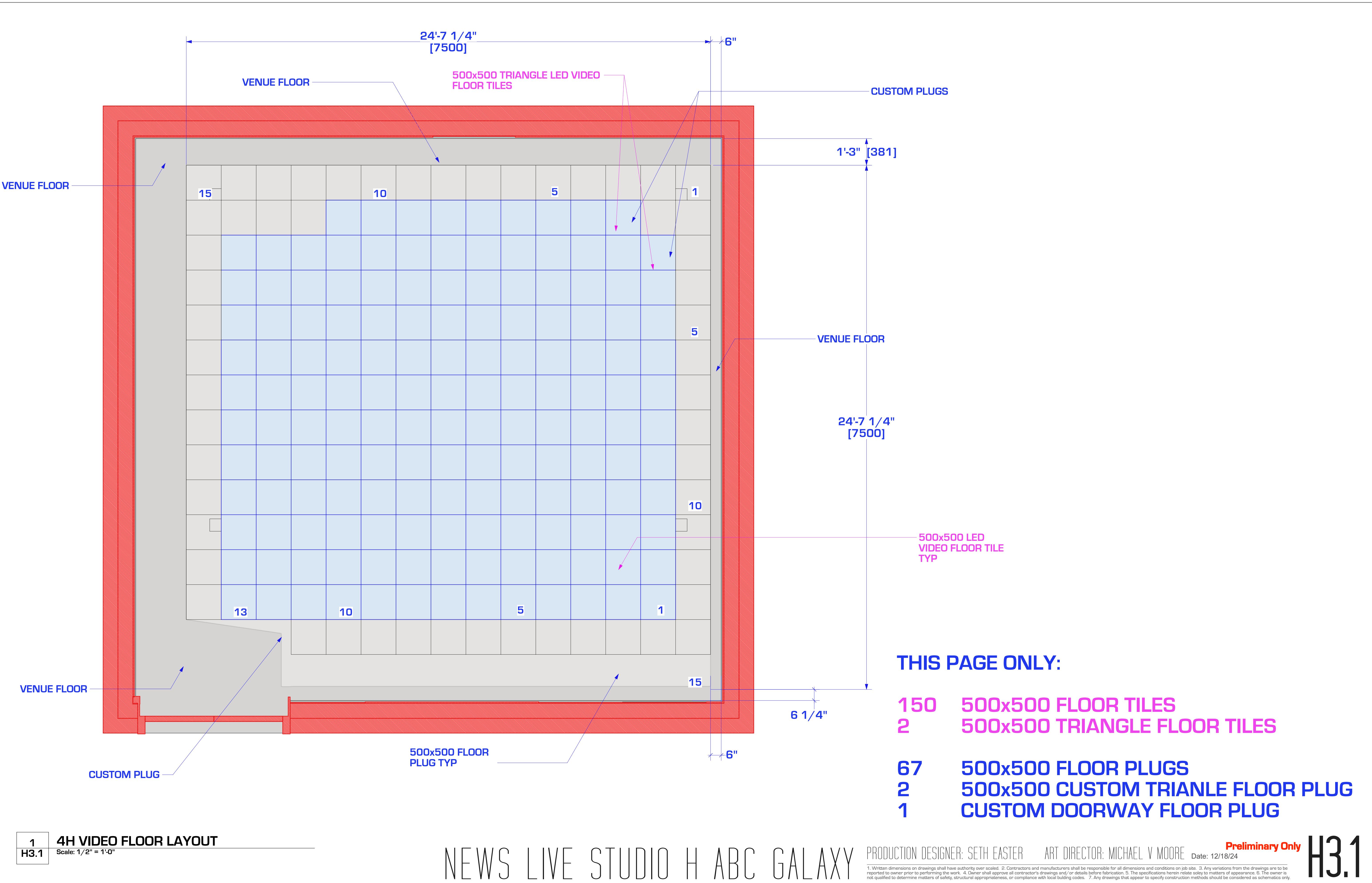
NEWS LIVE STUDIO H ABC GALAXY

PRODUCTION DESIGNER: SETH EASTER

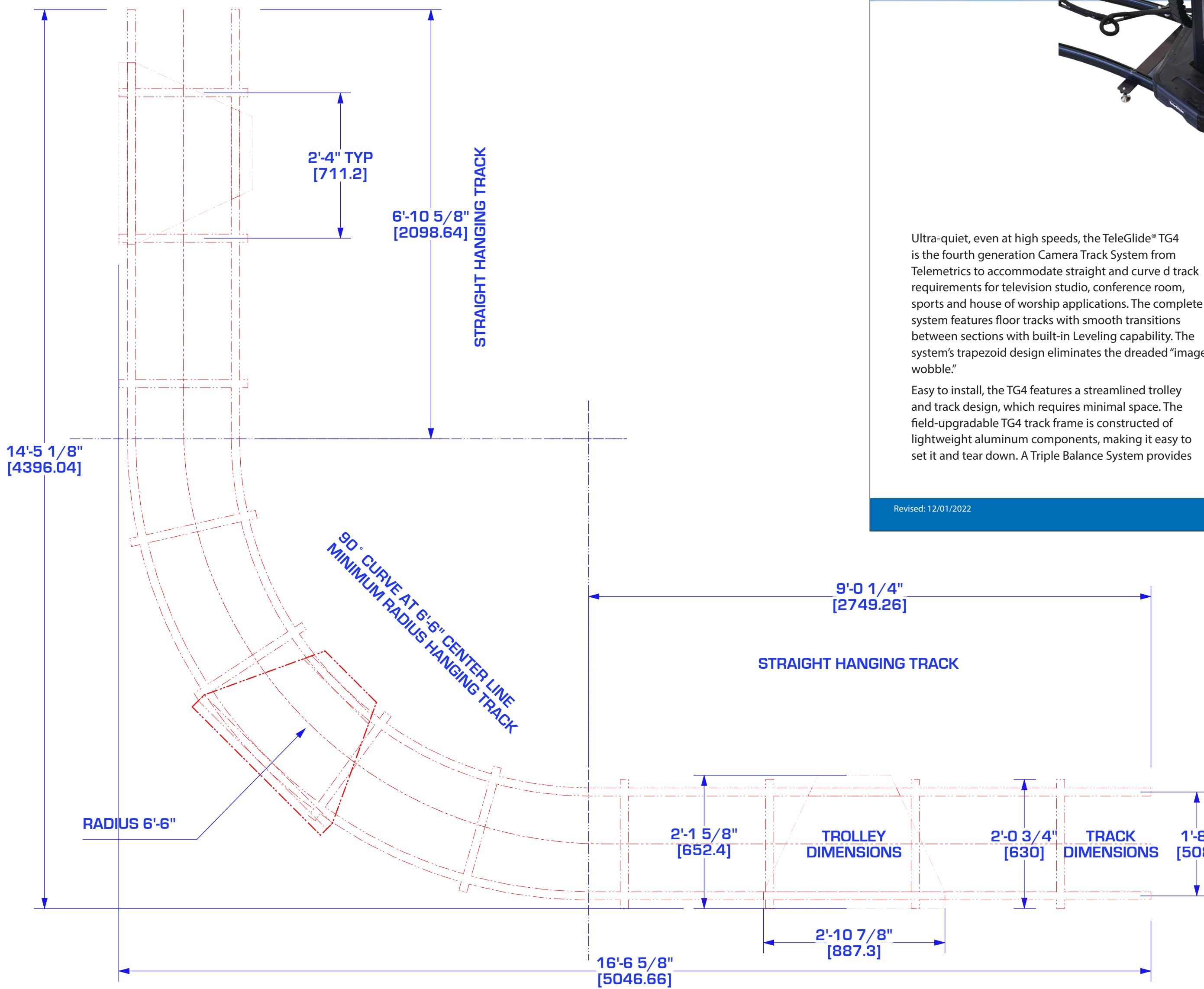
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H2.1



# NOT FOR DISTRIBUTION FINAL DESIGN TBD



26' RUNNING LENGTH OF TRACK @11.5 LBS PER FOOT  
APPROXIMATELY 300 LBS

1 H6.1 T-4 PAN AND ELEVATIONS  
Scale: 3/4" = 1'-0"



Ultra-quiet, even at high speeds, the TeleGlide® TG4 is the fourth generation Camera Track System from Telemetrics to accommodate straight and curved track requirements for television studio, conference room, sports and house of worship applications. The complete system features floor tracks with smooth transitions between sections with built-in Leveling capability. The system's trapezoid design eliminates the dreaded "image wobble."

Easy to install, the TG4 features a streamlined trolley and track design, which requires minimal space. The field-upgradable TG4 track frame is constructed of lightweight aluminum components, making it easy to set it and tear down. A Triple Balance System provides

for increased stability and the tracks can be mounted to the floor or ceiling. The TG4 is fully servo controlled, providing accurate preset positioning and repeatable motion. It's also compatible with all Telemetrics Pan/Tilt Heads, Extendable Camera Mounts, Telescoping Camera Mounts and Control Systems. Custom track lengths and cable management systems are available upon request.

**Special options** for the product family include a wireless transmitter/rechargeable battery system that eliminates the burdens of cables, automated Collision Avoidance whereby a ceiling mounted camera can be set up to automatically avoid unwanted collisions with physical obstructions, and an embedded track system that can seamlessly blend into any live environment.

Revised: 12/01/2022

## TG-4 TeleGlide® Track System

### Specifications

Track Dimensions	20.0" (508 mm) W x 6.8" (73 mm) H
Track Weight	11.5 lbs/ft
Track Min. Radius	6.5'(to Center Line)
Acceleration	1 ft/s <sup>2</sup> (0.3 m/s <sup>2</sup> )
Trolley Dimensions	35" (887mm) L x 25.7" (652 mm) W x 11" (282 mm) H
Trolley Velocity	.02 in/sec to 3ft/sec
Trolley Weight	70 lbs
Trolley Load	300 lbs
Servo	32 Bit Velocity and Positional Servo
Power Requirements	48V DC, 3A (6A peak)
Operating Temperature	0° C to 45° C (32° F to 113° F)

Specifications and features are subject to change without prior notice.

### Ordering Information

MODEL NUMBER	DESCRIPTION
TG4-FTK-XXX*	Track Floor Mount
TG4-CTK-XXX*	Track Ceiling Mount
TG4-TRO-C	TeleGlide Trolley Ceiling
TG4-TRO-F	TeleGlide Trolley Floor
TG4O-TRO-B	TeleGlide Trolley Battery Power
TGO-TRO-E	TeleGlide Trolley Embedded
TGO-TRO-CA	TeleGlide Trolley Collision Avoidance
TG-ACT	Cable Management System Floor
TG-CCT-E	Cable Management System Ceiling
TG-ACT-E	Cable Management System Floor Embedded

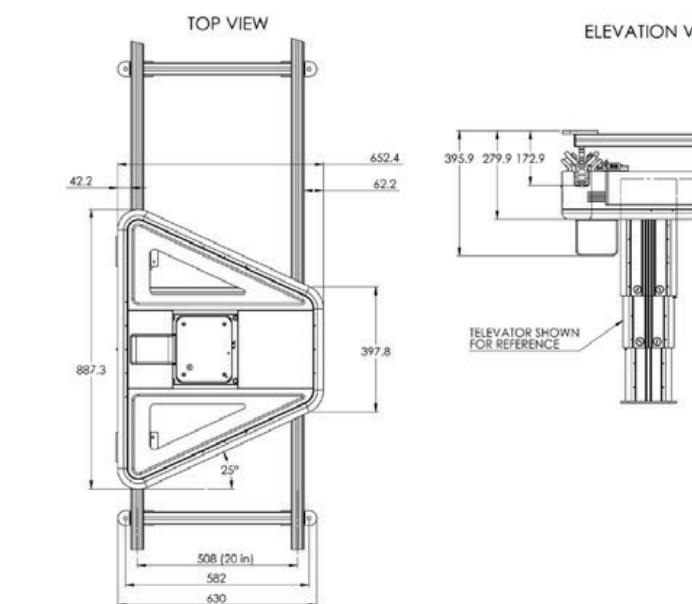
\* XXX = 000-499: A straight track with XXX-feet  
XXX = 500-999: A track with custom bends

**For Design Purposes:** Cable management needs a parking area on a track that can not be used by the trolley. To calculate the distance required:

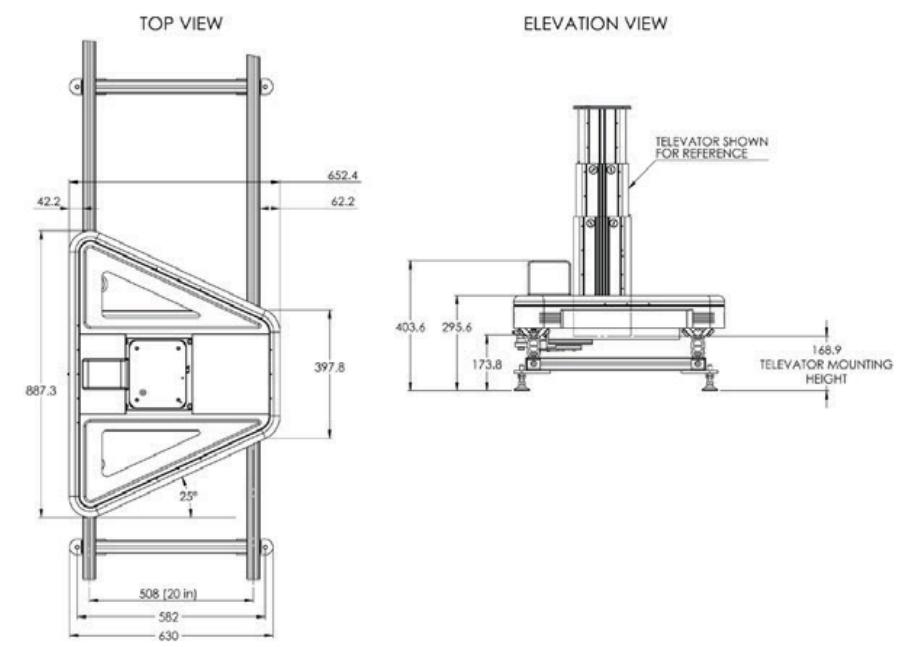
TG-ACT Cable Management System Floor: 2 ft per 10 ft of track is required

TG-CCT Cable Management System Ceiling: 1 ft per 10 ft of track is required

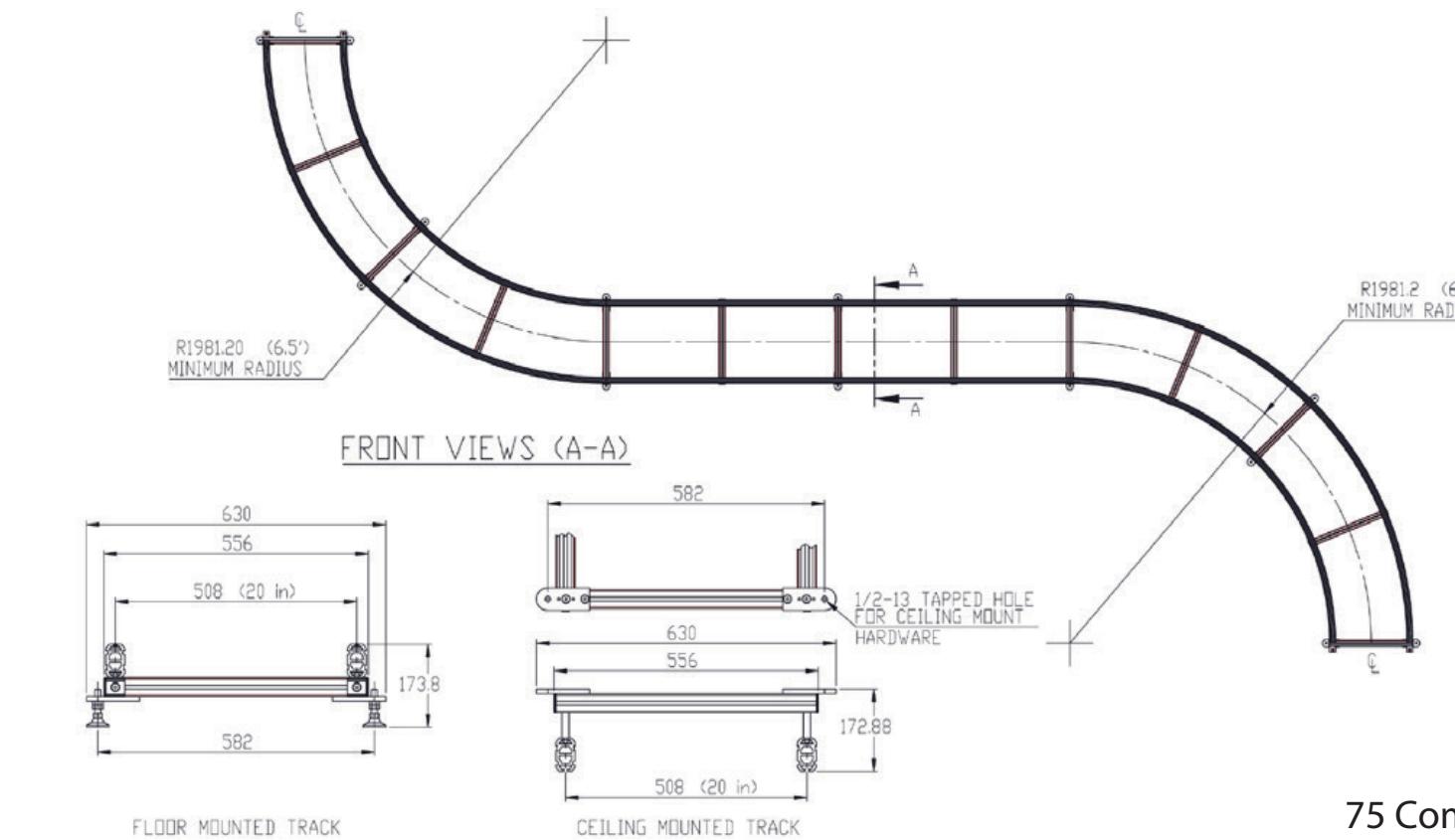
### TG4 Trolley Outline Dimensions - Ceiling Mounted



### TG4 Trolley Outline Dimensions - Floor Mounted



### TG4 Track Dimensions



**Telemetrics**  
Camera Control Systems

75 Commerce Drive • Allendale, NJ 07401 USA  
Phone: 201.848.9818 • www.telemetrics.com

# NOT FOR DISTRIBUTION. FINAL DESIGN TBD

NEWS LIVE STUDIO H ABC GALAXY

PRODUCTION DESIGNER: SETH EASTER

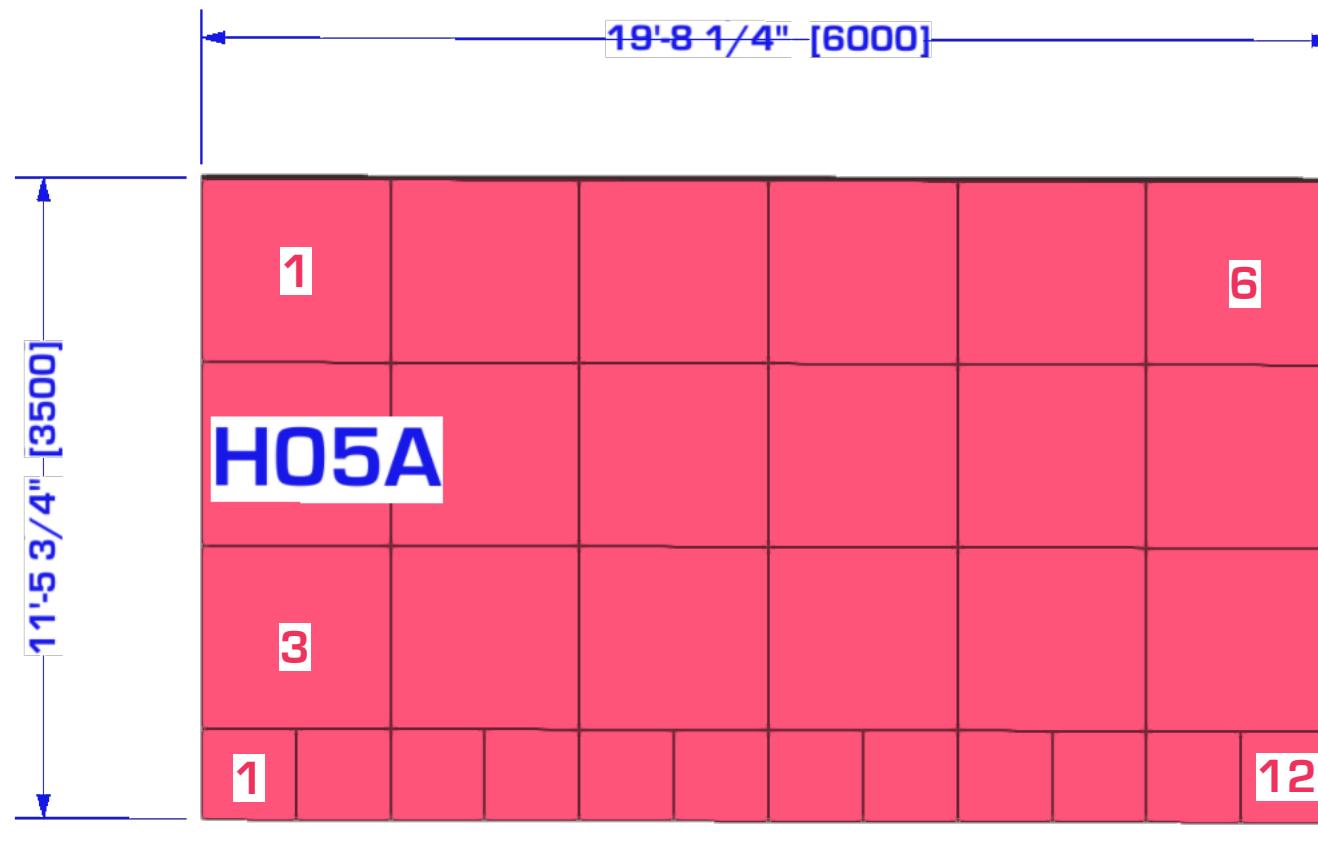
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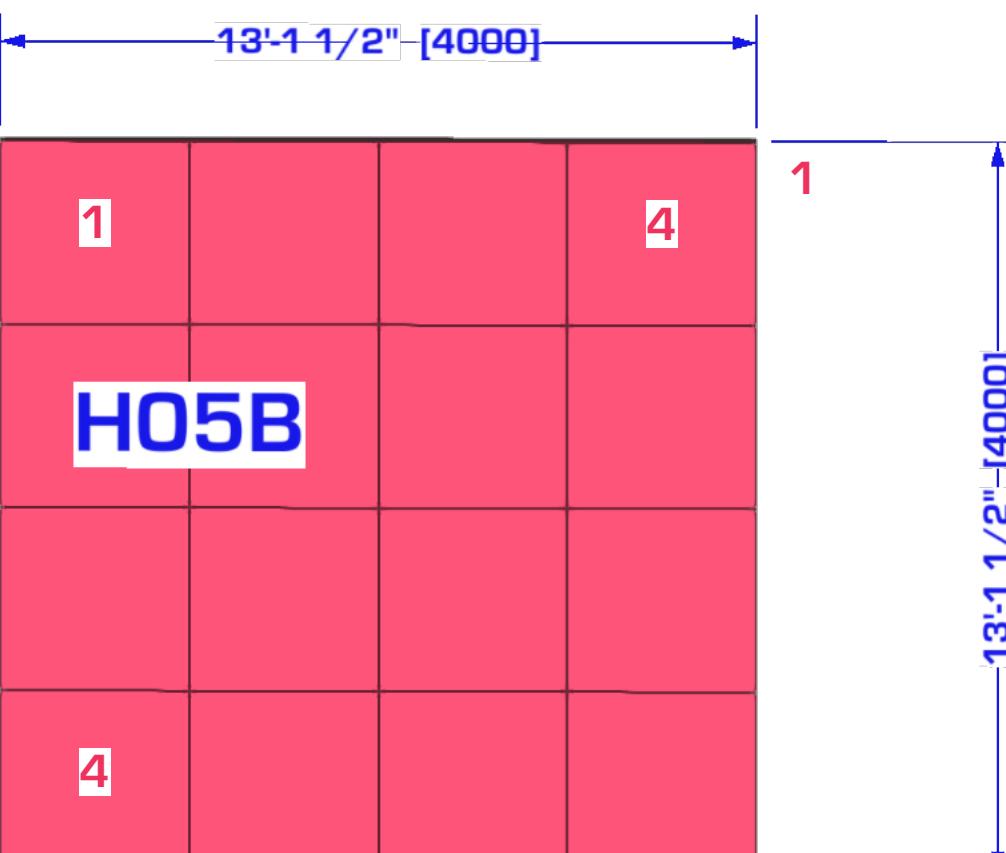
H6.1

1. Written dimensions on drawings shall have authority over scaled. 2. Contractors and manufacturers shall be responsible for all dimensions and conditions on job site. 3. Any variations from the drawings are to be reported to owner prior to performing the work. 4. Owner shall approve all contractor's drawings and/or details before fabrication. 5. The specifications herein relate solely to matters of appearance. 6. The owner is not qualified to determine matters of safety, structural appropriateness, or compliance with local building codes. 7. Any drawings that appear to specify construction methods should be considered as schematics only.



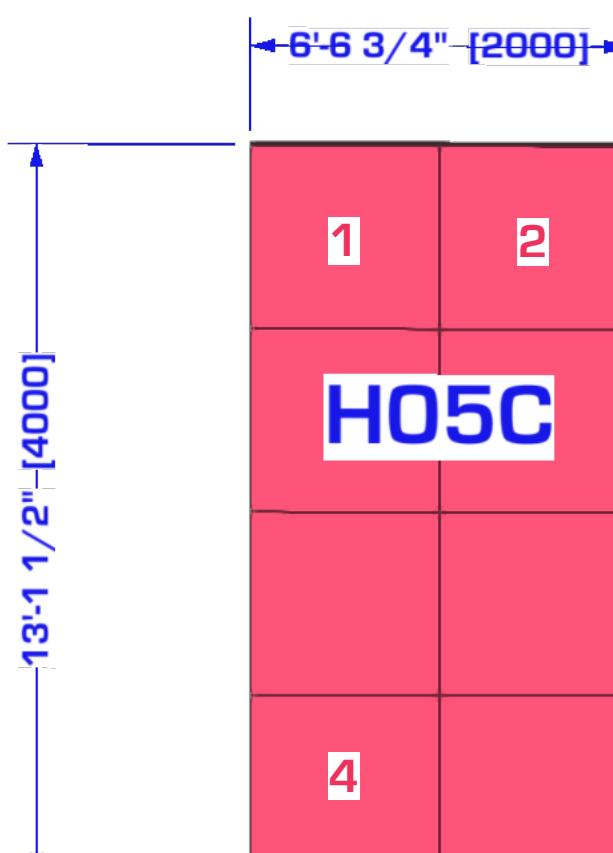
**H05A VIDEO BACKER WEST**

18 @ 1000 x1000 5.6 TILES  
12 @ 500 500 5.6 TILES



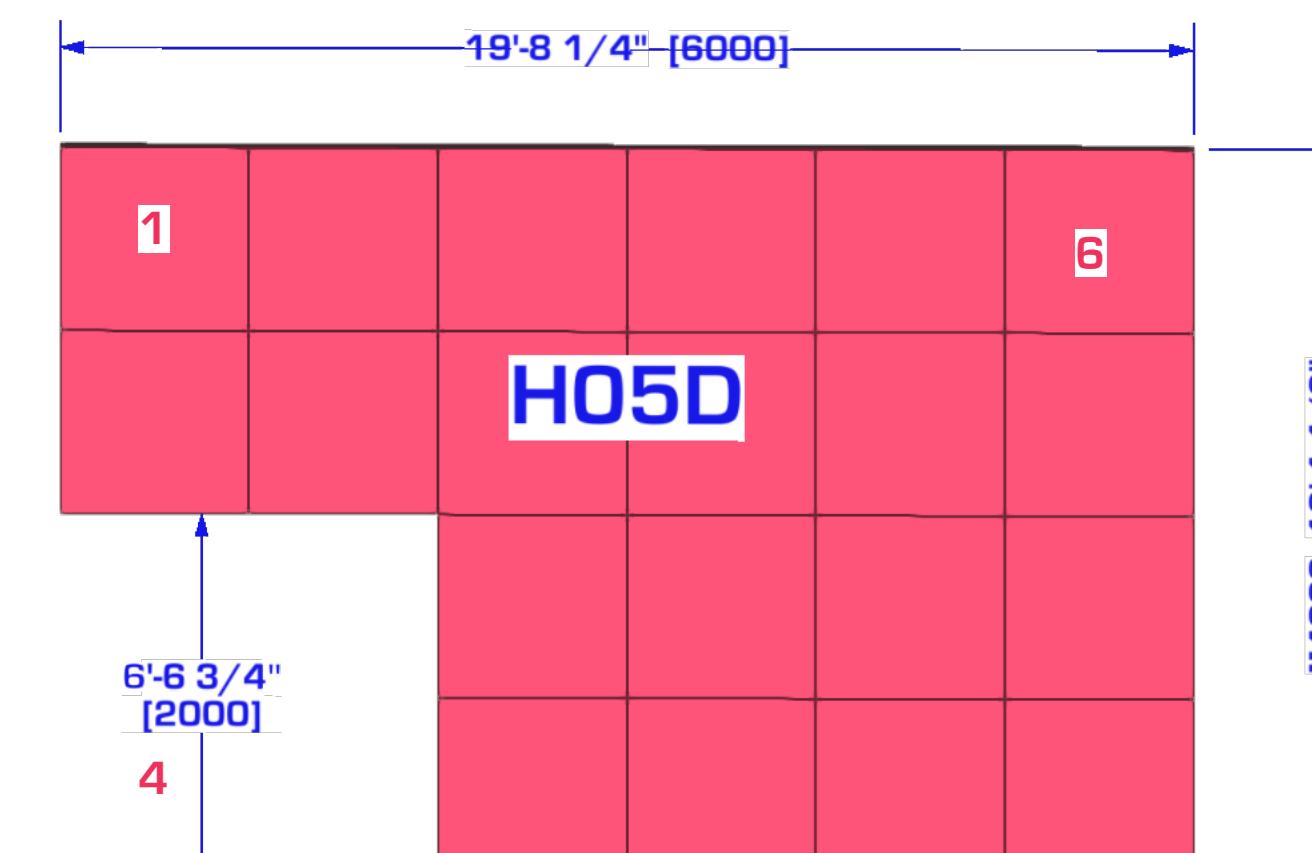
**H05B VIDEO BACKER NORTH**

16 @ 1000 x1000 5.6 TILES



**H05C VIDEO BACKER EAST**

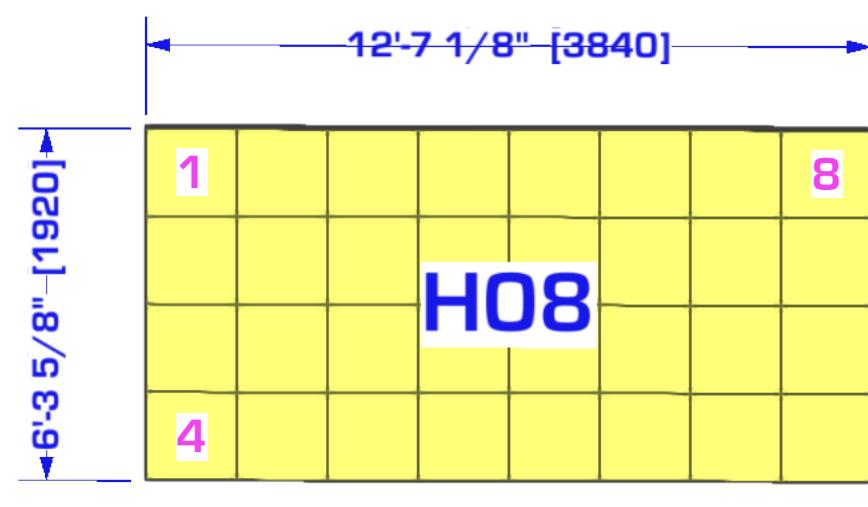
8 @ 1000 x1000 5.6 TILES



**H05D VIDEO BACKER SOUTH**

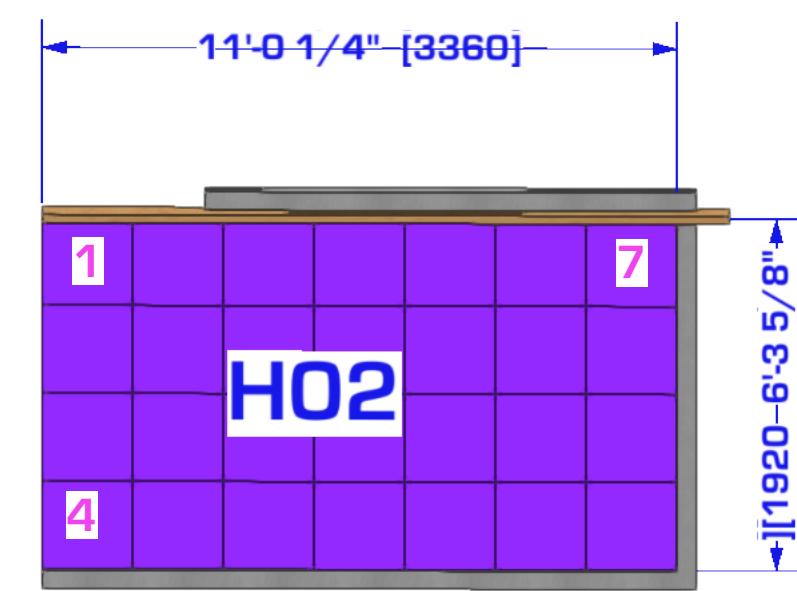
20 @ 1000 x1000 5.6 TILES

5 @ 480X480 1.25 TILES  
1 @ 480X480 1.25 TILES MITER L  
1 @ 480X480 1.25 TILES MITER R  
1 @ 240X480 1.25 TILES

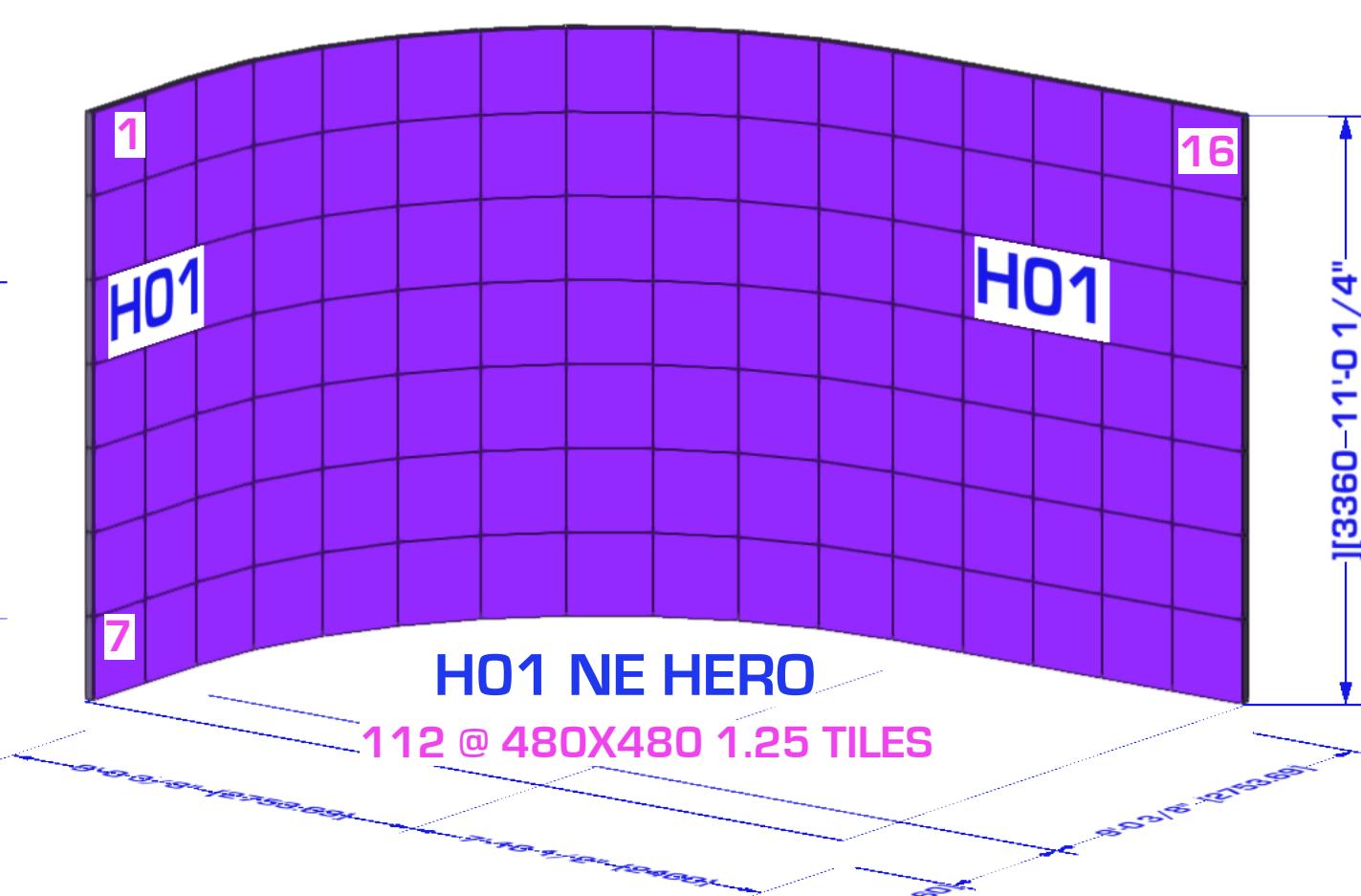


**H08 WEST HERO**

32 @ 480X480 1.5 TILES

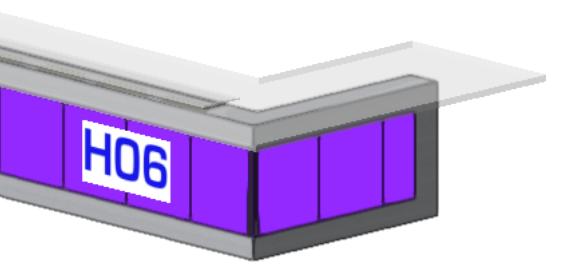
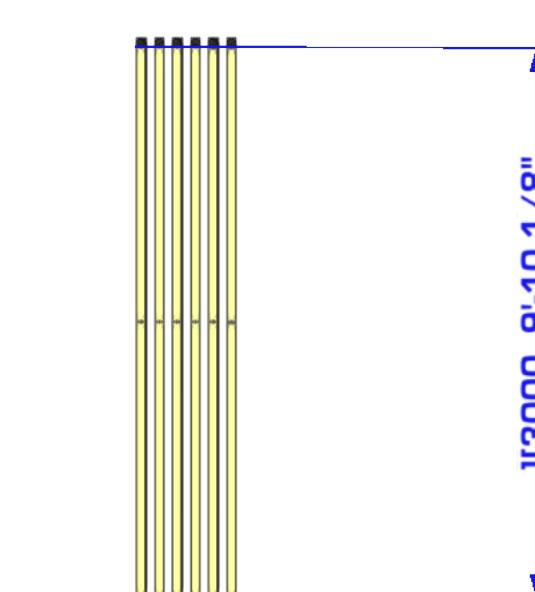


**H02 NORTH HERO**  
28 @ 480X480 1.25 TILES



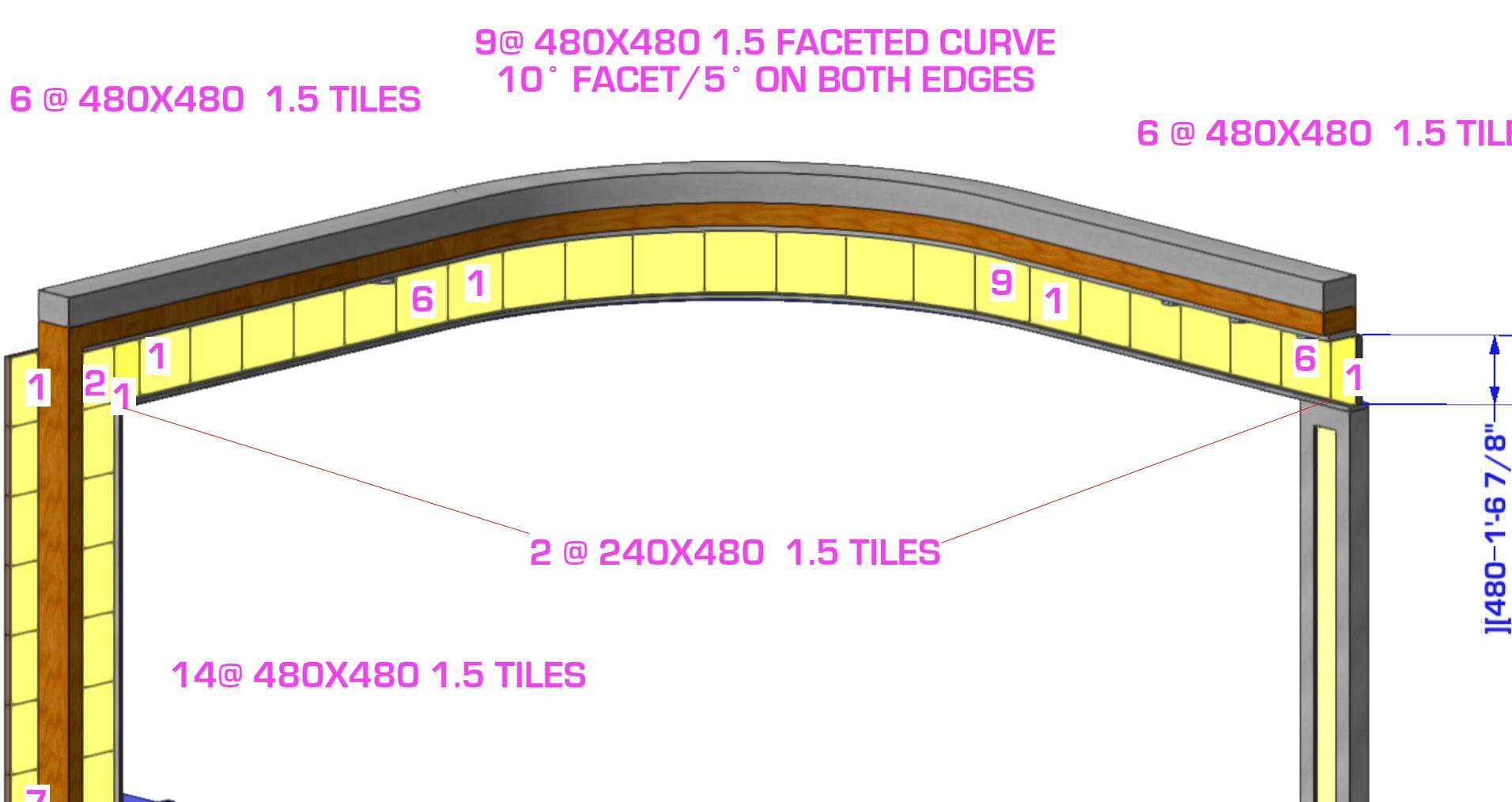
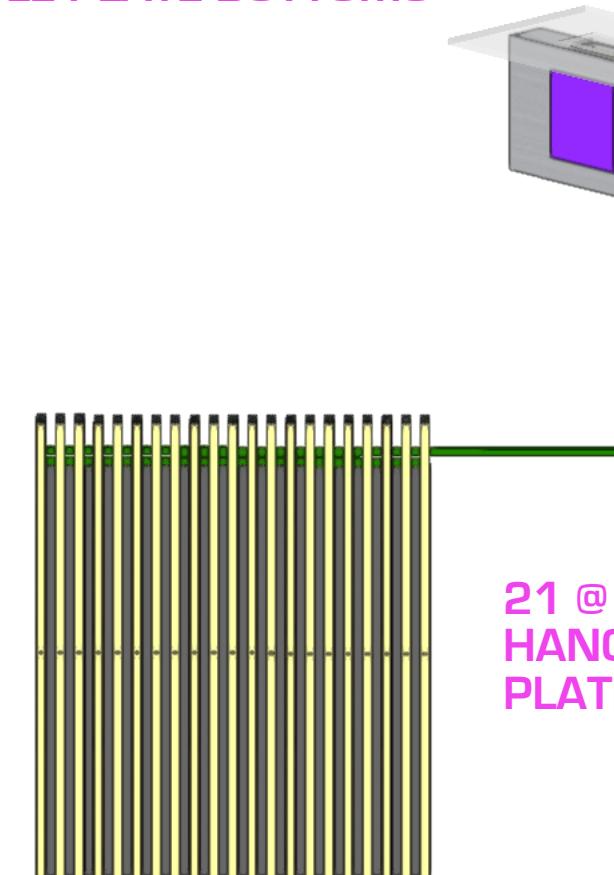
112 @ 480X480 1.25 TILES  
20 @ 300x675 CURVED TILES 1.25 PITCH  
10 @ 300x337.5 CURVED TILES 1.25 PITCH

17 @ 3.0M BATTENS  
HANGER PLATE TOPS AND HOLE PLATE BOTTOMS



**H06 NEWS DESK**

21 @ 2.25M BATTENS  
HANGER PLATE TOPS AND HOLE PLATE BOTTOMS

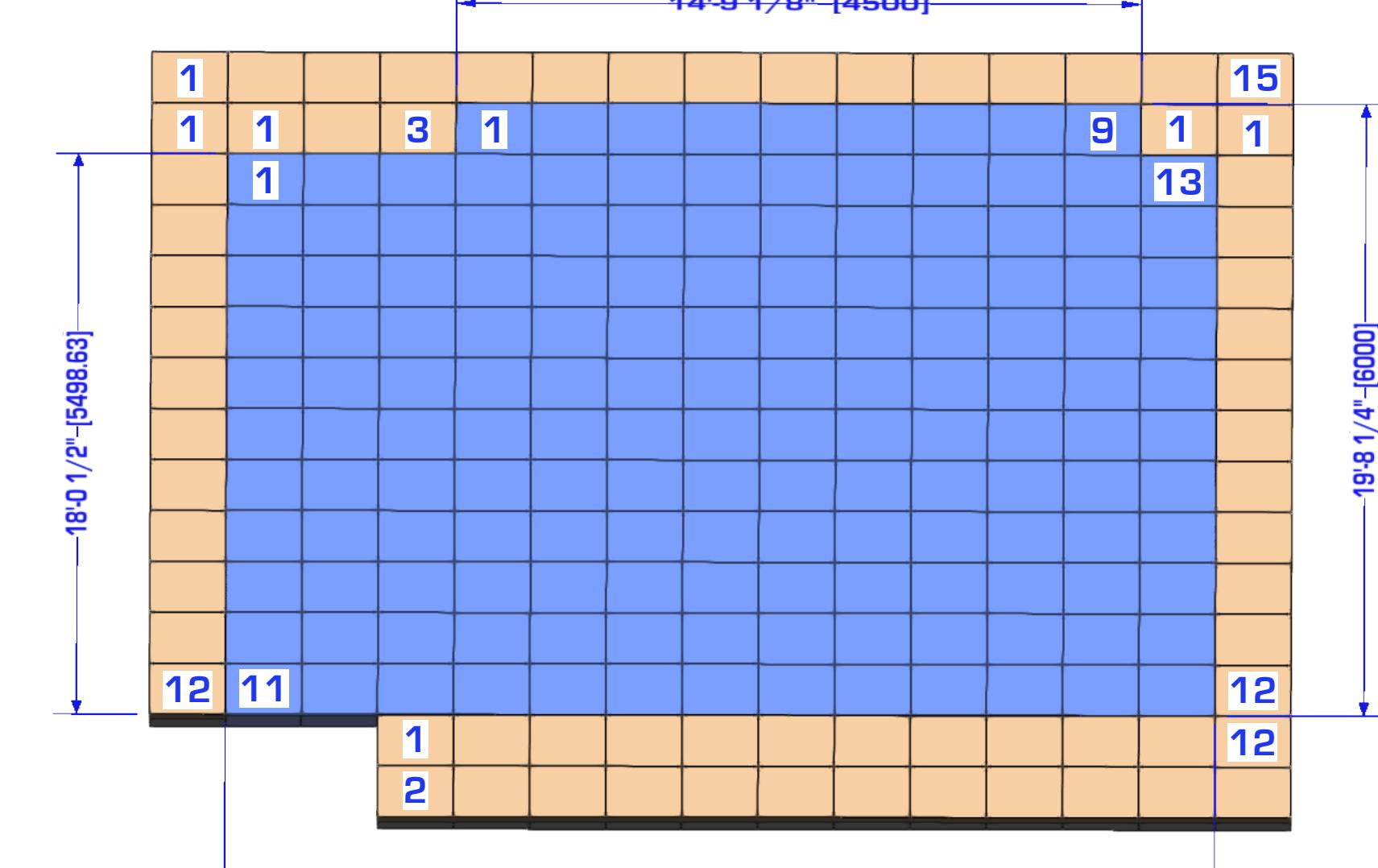


**H04 VIDEO ARCH**

REVISED 4-04: BUMPERS CALLED OUT

Display Name	Product	Panel Qty	Power consumption (w)	Weight (Kg)
H01 NE Hero	Marquise 1.25 (480x480)	112	13440	896
H02 North Hero	Marquise 1.25 (480x480)	28	3360	224
H03 SE Hero 1	Diamond Ilc 1.25mm 300x675	20	3000	120
H03 SE Hero 2	Diamond Ilc 1.25 300x337.5 Half Tile	10	750	48
H04-A Video Arch	Marquise 1.5 (480x480)	26	3120	208
H04-B Video Arch	Marquise 1.50 (240x480)	2	120	10
H04-C Video Arch	Marquise 1.5 (480x480), 10° FACET	9	1080	72
H05A-1 Video Backer West 1	Aperture 5.6 (1000x1000)	18	10800	144
H05A-2 Video Backer West 2	Aperture 5.6 (500x500)	12	1800	24
H05B-1 Video Backer North 1	Aperture 5.6 (1000x1000)	16	9600	128
H05C Video Backer East	Aperture 5.6 (1000x1000)	8	4800	64
H05D Video Backer South	Aperture 5.6 (1000x1000)	20	12000	160
H06 News Desk Miter L	Marquise 1.25 (480x480) Miter L	1	120	8
H06 News Desk 240x480	Marquise 1.25 (240x480)	1	60	5
H06 News Desk 480x480	Marquise 1.25 (480x480)	5	600	40
H06 News Desk Miter R	Marquise 1.25 (480x480) Miter R	1	120	8
H06 West Hero	Marquise 1.5 (480x480)	32	3840	256
H07-1 Video Floor	Floor 3.9 (500x500)	152	18240	1444
H07-2 Video Floor	Floor Plug 500x500	63	0	0
LED BATTEN SLIDING DOOR	+2250mm LED Battens	21	0	0
LED BATTEN WALL	+3000mm LED Battens	6	0	0
Touch Screen	85° Touch Screen	1	0	45
<b>Total</b>		564	86850	

Product	Qty	Note
+2250mm LED Battens	21	
+3000mm LED Battens	6	
85° Touch Screen	1	
Aperture 5.6 (500x500)	12	
Aperture 5.6 (1000x1000)	62	
Diamond Ilc 1.25 300x337.5 Half Tile	10	
Diamond Ilc 1.25mm 300x675	20	
Floor 3.9 (500x500)	152	
Floor Plug 500x500	63	
Marquise 1.5 (480x480)	58	
Marquise 1.5 (480x480) 10° FACETED	9	
Marquise 1.25 (240x480)	1	
Marquise 1.25 (480x480)	145	
Marquise 1.25 (480x480) Miter L	1	
Marquise 1.25 (480x480) Miter R	1	
Marquise 1.50 (240x480)	2	



**H07 VIDEO FLOOR**

152 @ 500X500 FLOOR TILES  
67 @ 500x500 FLOOR PLUGS

