

\*LASER TAG WALLS UNDER MEZZANINE HAVE A MAX HEIGHT OF 6'8" AFF\*

\*BEFORE INSTALLERS ARRIVE ONSITE, CUSTOMER IS TO MOUNT ALONG EACH WALL FOR PACK CHARGERS A 2 X 10 BOARD AT 48" AFF ON CENTER PAINTED BLACK.\*










ALL INTERIOR WALLS OF LASER TAG TO BE PAINTED BLACK PRIOR TO INSTALLATION.

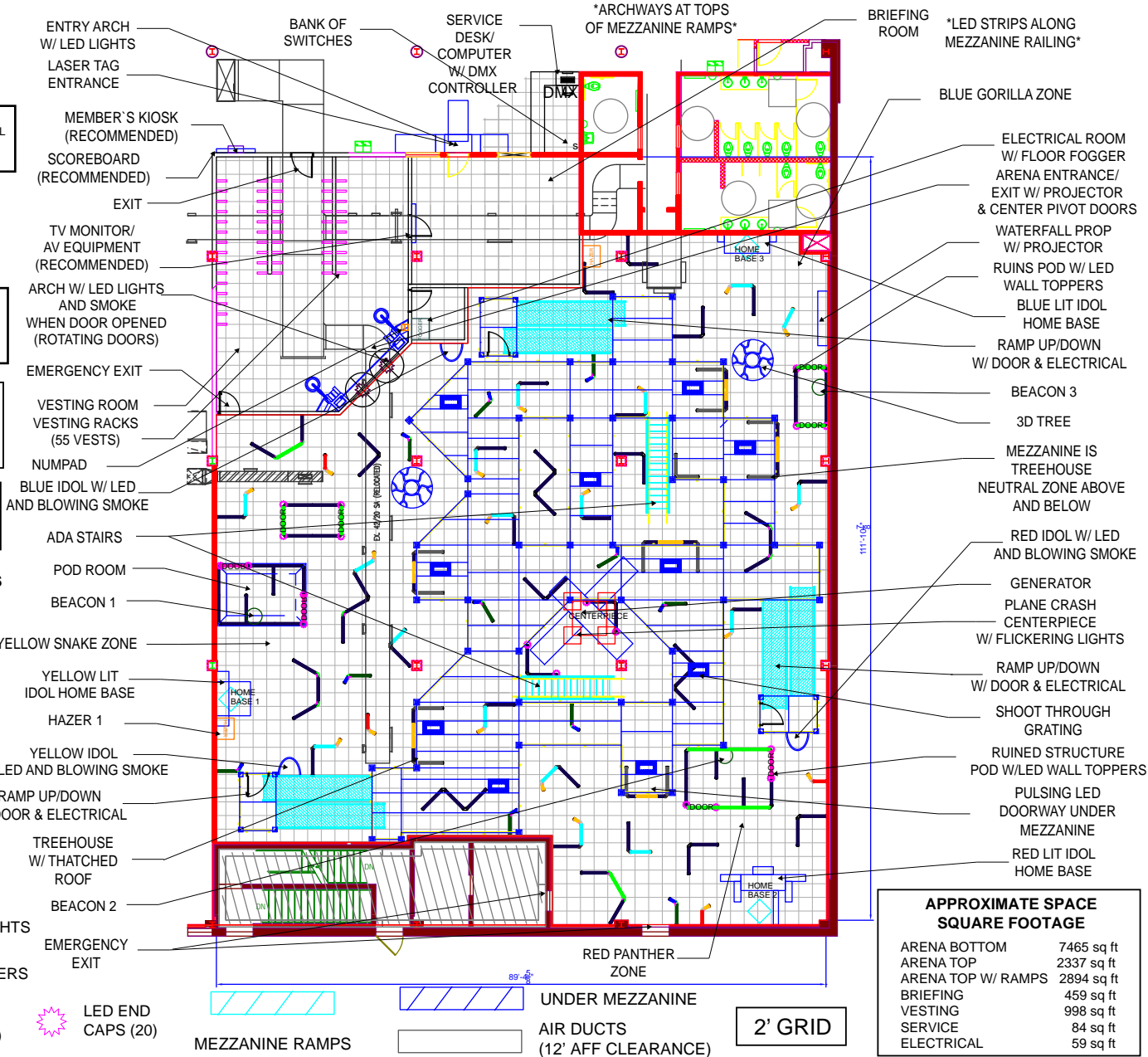
RAMP SLOPE RATING: 1" OF RISE FOR EVERY 4" OF LENGTH

\*\* It is client's responsibility to consult with local contractors and abide with all local building code and reflect any changes to Art Attack \*\*

\*LASER TAG OBSTACLE WALL CONFIGURATIONS MAY CHANGE FOR FINAL DESIGN\*

ANY WALLS WITHOUT PRINTED PERIMETER PANELS SHOULD BE COVERED WITH 1/2" MDF UP TO 8' HIGH.

-  STARGATE (2)
-  GENERATOR (1)
-  HAZER (2) W/ LED AND BLOWING SMOKE
-  BEACON (3) W/ DOOR & ELECTRICAL
-  SHOOT THROUGH GRATE (10)
-  SENSORS W/LIGHTS (6)
-  LED WALL TOPPERS (6 SETS OF 2)
-  HOME BASES (3)
-  LED END CAPS (20)



**APPROXIMATE SPACE SQUARE FOOTAGE**

ARENA BOTTOM	7465 sq ft
ARENA TOP	2337 sq ft
ARENA TOP W/ RAMPS	2894 sq ft
BRIEFING	459 sq ft
VESTING	998 sq ft
SERVICE	84 sq ft
ELECTRICAL	59 sq ft

**Laser Tag Arena Design Bottom Scene 75 (Columbus)**

**Units:** Feet, Inches  
**Total Space:** Approx. 12018 sq ft FOR REFERENCE ONLY! NOT FOR CONSTRUCTION!  
**Ceiling Height:** Total: 17' 6" AFF Under Mezzanine Floor: 6'11 3/4" to 8' 3 3/4" AFF Above Mezzanine Floor: 8'6" to 17'6" AFF  
**Smallest Door:** Width: 3' Height: 7'  
**Wheelchair Accessible:** Bottom Level Only  
**Theme:** Lost Island  
**Props:** Home Bases: 3 Centerpiece: 1 Entry Arch: 2 3D Tree Prop: 2 Idol Props w/ LED Lights & Air: 3 Crashed Airplane: 1 Projector & Fog: 1 Projector & Waterfall: 1

No.	Revision/Issue	Date
7		

**Firm Name and Address**  
 Phantom Inc.  
 9350 - 47 Street  
 Edmonton, AB  
 T6B 2P6  
 Tel: (780) 433-2589  
 Fax: (780) 439-8908

**Project Name and Address**  
 Laser Tag  
 Arena Design Bottom  
 Scene 75 (Columbus)

Project	Sheet
Date: June 20, 2019 Scale:	1/5

\*LASER TAG WALLS UNDER MEZZANINE HAVE A MAX HEIGHT OF 6'8" AFF\*

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







ALL INTERIOR WALLS OF LASER TAG TO BE PAINTED BLACK PRIOR TO INSTALLATION.

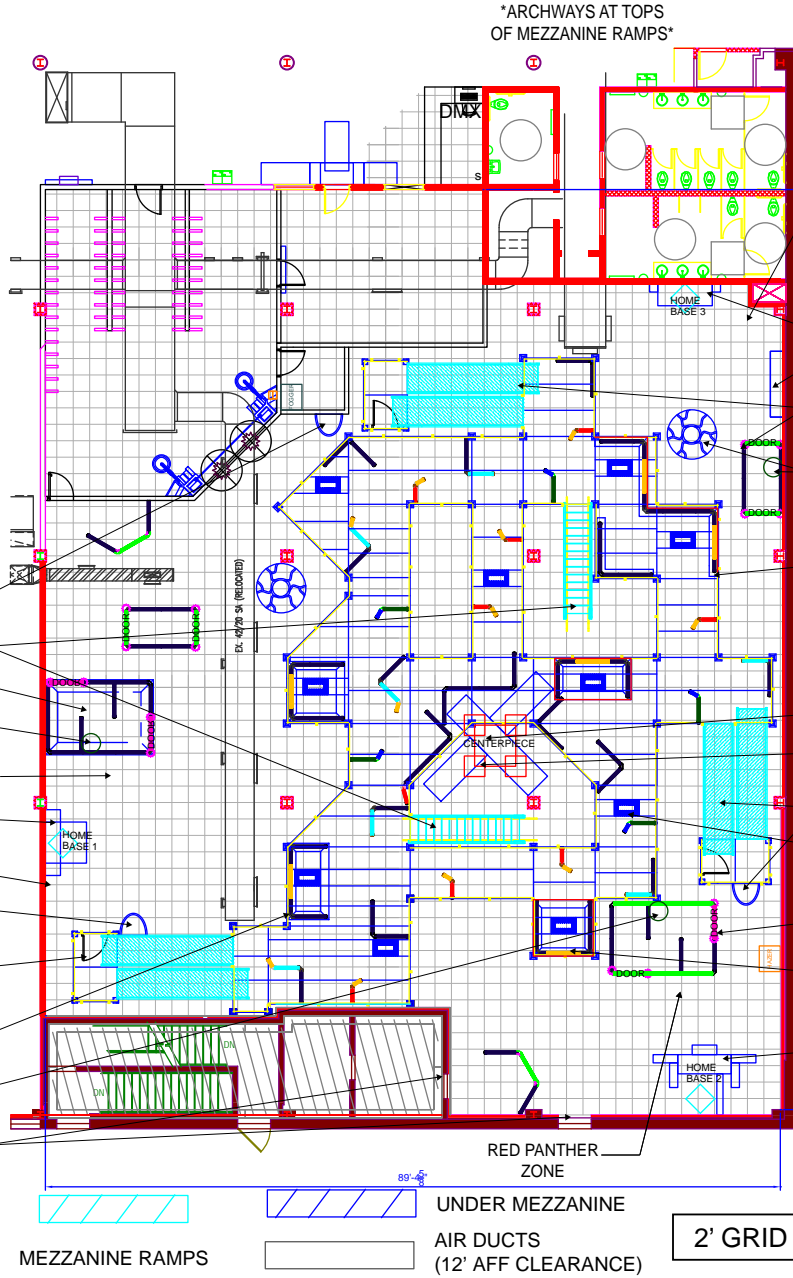
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-  STARGATE (2)
-  GENERATOR (1)
-  HAZER (2)
-  BEACON (3)
-  SHOOT THROUGH GRATE (10)
-  SENSORS W/LIGHTS (6)
-  LED WALL TOPPERS (6 SETS OF 2)
-  HOME BASES (3)
-  LED END CAPS (20)
- BLUE IDOL W/ LED AND BLOWING SMOKE
- ADA STAIRS
- POD ROOM
- BEACON 1
- YELLOW SNAKE ZONE
- YELLOW LIT IDOL HOME BASE
- HAZER 1
- YELLOW IDOL W/ LED AND BLOWING SMOKE
- RAMP UP/DOWN W/ DOOR & ELECTRICAL
- TREEHOUSE W/ THATCHED ROOF
- BEACON 2
- EMERGENCY EXIT
- MEZZANINE RAMPS
- UNDER MEZZANINE
- AIR DUCTS (12' AFF CLEARANCE)



\*ARCHWAYS AT TOPS OF MEZZANINE RAMPS\*

\*LED STRIPS ALONG MEZZANINE RAILING\*

BLUE GORILLA ZONE

- WATERFALL PROP W/ PROJECTOR
- RUINS POD W/ LED WALL TOPPERS
- BLUE LIT IDOL HOME BASE
- RAMP UP/DOWN W/ DOOR & ELECTRICAL
- BEACON 3
- 3D TREE
- MEZZANINE IS TREEHOUSE
- NEUTRAL ZONE ABOVE AND BELOW
- RED IDOL W/ LED AND BLOWING SMOKE
- GENERATOR
- PLANE CRASH CENTERPIECE W/ FLICKERING LIGHTS
- RAMP UP/DOWN W/ DOOR & ELECTRICAL
- SHOOT THROUGH GRATING
- RUINED STRUCTURE POD W/LED WALL TOPPERS
- PULSING LED DOORWAY UNDER MEZZANINE
- RED LIT IDOL HOME BASE

**APPROXIMATE SPACE SQUARE FOOTAGE**

ARENA BOTTOM	7465 sq ft
ARENA TOP	2337 sq ft
ARENA TOP W/ RAMPS	2894 sq ft
BRIEFING	459 sq ft
VESTING	998 sq ft
SERVICE	84 sq ft
ELECTRICAL	59 sq ft

General Notes

**Laser Tag Arena Design Top Scene 75 (Columbus)**

**Units:** Feet, Inches  
**Total Space:** Approx. 12018 sq ft FOR REFERENCE ONLY! NOT FOR CONSTRUCTION!  
**Ceiling Height:** Total: 17' 6" AFF Under Mezzanine Floor: 6'11 3/4" to 8' 3 3/4" AFF Above Mezzanine Floor: 8'6" to 17'6" AFF  
**Smallest Door:** Width: 3' Height: 7'  
**Wheelchair Accessible:** Bottom Level Only  
**Theme:** Lost Island Props:  
 Home Bases: 3  
 Centerpiece: 1  
 Entry Arch: 2  
 3D Tree Prop: 2  
 Idol Props w/ LED Lights & Air: 3  
 Crashed Airplane: 1  
 Projector & Fog: 1  
 Projector & Waterfall: 1

No.	Revision/Issue	Date
3		
BL		

Firm Name and Address  
 Phantom Inc.  
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 Edmonton, AB  
 T6B 2P6  
 Tel: (780) 433-2589  
 Fax: (780) 439-8908

Project Name and Address  
**Laser Tag Arena Design Top Scene 75 (Columbus)**

Project	Sheet
Date June 20, 2019 Scale	<b>2/5</b>

**2' GRID**

\*OUTLET ABOVE SCOREBOARD AT APPROX. 8' AFF

UNDER MEZZANINE

\*LASER TAG WALLS UNDER MEZZANINE HAVE A MAX HEIGHT OF 6'8" AFF\*

\*OUTLET FOR SOUND SYSTEM AT 18" AFF

\*OUTLET FOR KIOSK AT APPROX. 42" AFF

\*QUAD OUTLETS FOR COMPUTER AT 18" AFF

IT IS CLIENT'S RESPONSIBILITY TO CONTACT ELECTRICIANS OR ELECTRICAL ENGINEERS, TO ABIDE WITH LOCAL BUILDING CODE AND REQUIREMENTS, AND REFLECT ANY CHANGES TO ART ATTACK DURING DESIGN PHASE.

\*QUAD OUTLET FOR REPAIR TOOLS AT 42" AFF

\*DMX ENABLED  
\*TAMI INCLUDED

\*OUTLET FOR TV / AV EQUIPMENT AT 60"-70" AFF

\*CLEANUP OUTETS ARE SPACED APPROX. 60' APART FOR LONG EXTENSION CORD WHILE VACCUING\*

NOTE:  
(1) 20 AMP BREAKER FOR EVERY 7 OUTLETS

\*OUTLETS FOR VEST CHARGING BOXES ON CENTER OF WALL AT 18" AFF (1 PER 10 VESTS)

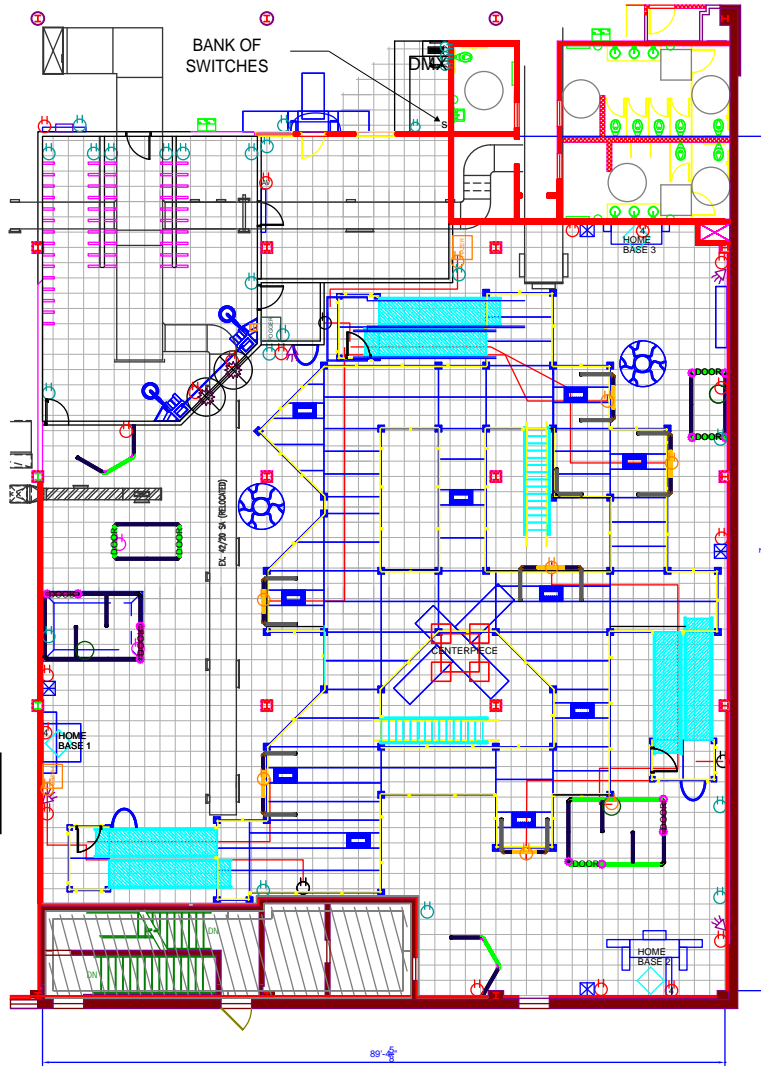
TO BE ON SEPARATE SWITCHES:  
- REGULAR LIGHTS  
- BLACKLIGHTS  
- HAZER  
- LASER LIGHTS & SPECIAL EFFECTS LIGHTING (1 SWITCH FOR ALL LASER LIGHTS)

ESTIMATED ITEM QUANTITIES:

	4		13		1		1		3
	4		23		3		2		12
	2		3		1		9		

CUSTOMER WILL BE RESPONSIBLE FOR OUTLETS FOR SCOREBOARD AND MEMBERS TERMINAL. LOCATIONS TO BE DETERMINED BY CUSTOMER.

\*BEFORE INSTALLERS ARRIVE ONSITE, CUSTOMER IS TO MOUNT ALONG EACH WALL FOR PACK CHARGERS A 2" X 6" BOARD AT 45" AFF ON CENTER PAINTED BLACK.\*



LEGEND

	HAZER AT APPROX. 10' AFF		110v/ 15 Amp DUAL RECEPTACLE (TYPE B) AT 18"- 42" AFF (NORTH AMERICA ONLY)
	SPEAKERS UP HIGH AT APPROX. 8' AFF.		110v/ 15 Amp QUAD RECEPTACLE (TYPE B) AT 18"- 42" AFF (NORTH AMERICA ONLY)
	SPECIAL EFFECTS LIGHTING AT APPROX. 8' AFF (IE: LASER LIGHTS).		110v/ 15 Amp DUAL RECEPTACLE (TYPE B) AT APPROX. 60"-70" AFF FOR TV/AV EQUIPMENT.
	110v/ 15 Amp DUAL RECEPTACLE (TYPE B) AT APPROX. 8' - 10' AFF. SPEAKER AND SPECIAL EFFECTS LIGHTING OUTLETS AT APPROX 9' AFF.		NUMPAD AT 5' AFF
	110v/ 15 Amp QUAD RECEPTACLE (TYPE B) AT APPROX 10' AFF FOR HOME BASE.		110v/ 15 Amp DUAL RECEPTACLE (TYPE B) CEILING DROP AT 8' AFF (NORTH AMERICA ONLY)
	110v/ 15 Amp DUAL RECEPTACLE (TYPE B) AT APPROX 8' AFF PULLED FROM MEZZANINE. HAZER OUTLETS AT APPROX. 10' AFF.		POWER RUNS FROM MEZZANINE ELECTRICAL ROOMS TO MEZZANINE OUTLETS
	110v/ 15 Amp DUAL RECEPTACLE (TYPE B) TO PULL POWER TO ROOMS UNDER MEZZANINE RAMPS		DMX DMX CONTROLLER

General Notes  
**Laser Tag Electrical Bottom Scene 75 (Columbus)**

**Units:** Feet, Inches  
**Total Space:** Approx. 12018 sq ft FOR REFERENCE ONLY! NOT FOR CONSTRUCTION!  
**Ceiling Height:** Total: 17' 6" AFF Under Mezzanine Floor: 6'11 3/4" to 8' 3 3/4" AFF Above Mezzanine Floor: 8'6" to 17'6" AFF  
**Smallest Door:** Width: 3' Height: 7'  
**Wheelchair Accessible:** Bottom Level Only  
**Theme:** Lost Island  
**Props:** Home Bases: 3 Centerpiece: 1 Entry Arch: 2 3D Tree Prop: 2 Idol Props w/ LED Lights & Air: 3 Crashed Airplane: 1 Projector & Fog: 1 Projector & Waterfall: 1

No.	Revision/Issue	Date
	4	
	BL	

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Project Name and Address  
**Laser Tag Electrical Bottom Scene 75 (Columbus)**

Project	Sheet
Date June 21, 2019	<b>3/5</b>
Scale	

2' GRID

IT IS CLIENT'S RESPONSIBILITY TO CONTACT ELECTRICIANS OR ELECTRICAL ENGINEERS, TO ABIDE WITH LOCAL BUILDING CODE AND REQUIREMENTS, AND REFLECT ANY CHANGES TO ART ATTACK DURING DESIGN PHASE.

\*DMX ENABLED  
\*TAMI INCLUDED  
  
NOTE:  
(1) 20 AMP BREAKER FOR EVERY 7 OUTLETS

ESTIMATED ITEM QUANTITIES:

	4		8
	4		1
	2		1
	1		1
	2		1

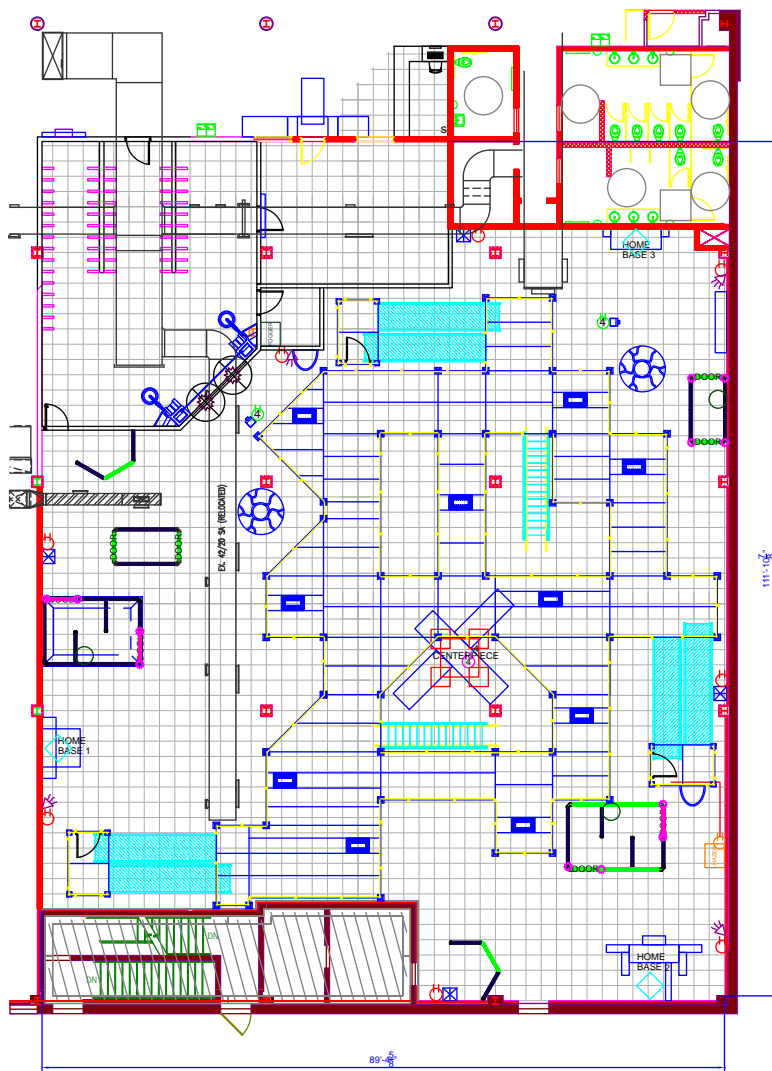
TO BE ON SEPERATE SWITCHES:  
- REGULAR LIGHTS  
- BLACKLIGHTS  
- HAZER  
- LASER LIGHTS & SPECIAL EFFECTS LIGHTING (1 SWITCH FOR ALL LASER LIGHTS)

CUSTOMER WILL BE RESPONSIBLE FOR OUTLETS FOR SCOREBOARD AND MEMBERS TERMINAL. LOCATIONS TO BE DETERMINED BY CUSTOMER.

\*BEFORE INSTALLERS ARRIVE ONSITE, CUSTOMER IS TO MOUNT ALONG EACH WALL FOR PACK CHARGERS A 2' X 6' BOARD AT 45" AFF ON CENTER PAINTED BLACK.\*

LEGEND

	HAZER AT APPROX. 8' ABOVE MEZZANINE FLOOR		110v/ 15 Amp QUAD RECEPTACLE (TYPE B) AT CEILING HEIGHT FOR PROJECTOR (NORTH AMERICA ONLY)
	SPEAKERS UP HIGH AT APPROX. 8' ABOVE MEZZANINE FLOOR.		110v/ 15 Amp QUAD RECEPTACLE (TYPE B) CEILING DROP AT 16' AFF
	SPECIAL EFFECTS LIGHTING AT APPROX. 8' ABOVE MEZZANINE FLOOR. (IE: LASER LIGHTS).		POWER RUNS FROM MEZZANINE ELECTRICAL ROOMS TO MEZZANINE OUTLETS
	110v/ 15 Amp DUAL RECEPTACLE (TYPE B) AT APPROX. 8' ABOVE MEZZANINE FLOOR. SPEAKER AND SPECIAL EFFECTS LIGHTING OUTLETS AT APPROX 8' ABOVE MEZZANINE FLOOR		110v/ 15 Amp DUAL RECEPTACLE (TYPE B) PULLED FROM MEZZANINE. HAZER OUTLET AT APPROX. 8' ABOVE MEZZANINE FLOOR.
	PROJECTOR MOUNTED AT CEILING HEIGHT		



General Notes

**Laser Tag Electrical Top Scene 75 (Columbus)**

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**Smallest Door:** Width: 3' Height: 7'  
**Wheelchair Accessible:** Bottom Level Only  
**Theme:** Lost Island Props:  
Home Bases: 3  
Centerpiece: 1  
Entry Arch: 2  
3D Tree Prop: 2  
Idol Props w/ LED Lights & Air: 3  
Crashed Airplane: 1  
Projector & Fog: 1  
Projector & Waterfall: 1

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**Laser Tag Electrical Top Scene 75 (Columbus)**

Project	Sheet
Date June 21, 2019	4/5
Scale	

\*CLEANUP OUTETS ARE SPACED APPROX. 60' APART FOR LONG EXTENSION CORD WHILE VACCUING\*

General Notes

**Laser Tag  
CAT6 and Cables  
Scene 75 (Columbus)**

**Units:** Feet, Inches  
**Total Space:**  
 Approx. 12018 sq ft  
 FOR REFERENCE ONLY! NOT FOR CONSTRUCTION!  
**Ceiling Height:**  
 Total: 17' 6" AFF  
 Under Mezzanine Floor: 6'11 3/4" to 8' 3 3/4" AFF  
 Above Mezzanine Floor: 8'6" to 17'6" AFF  
**Smallest Door:**  
 Width: 3' Height: 7'  
**Wheelchair Accessible:** Bottom Level Only  
**Theme:** Lost Island Props:  
 Home Bases: 3  
 Centerpiece: 1  
 Entry Arch: 2  
 3D Tree Prop: 2  
 Idol Props w/ LED Lights & Air: 3  
 Crashed Airplane: 1  
 Projector & Fog: 1  
 Projector & Waterfall: 1

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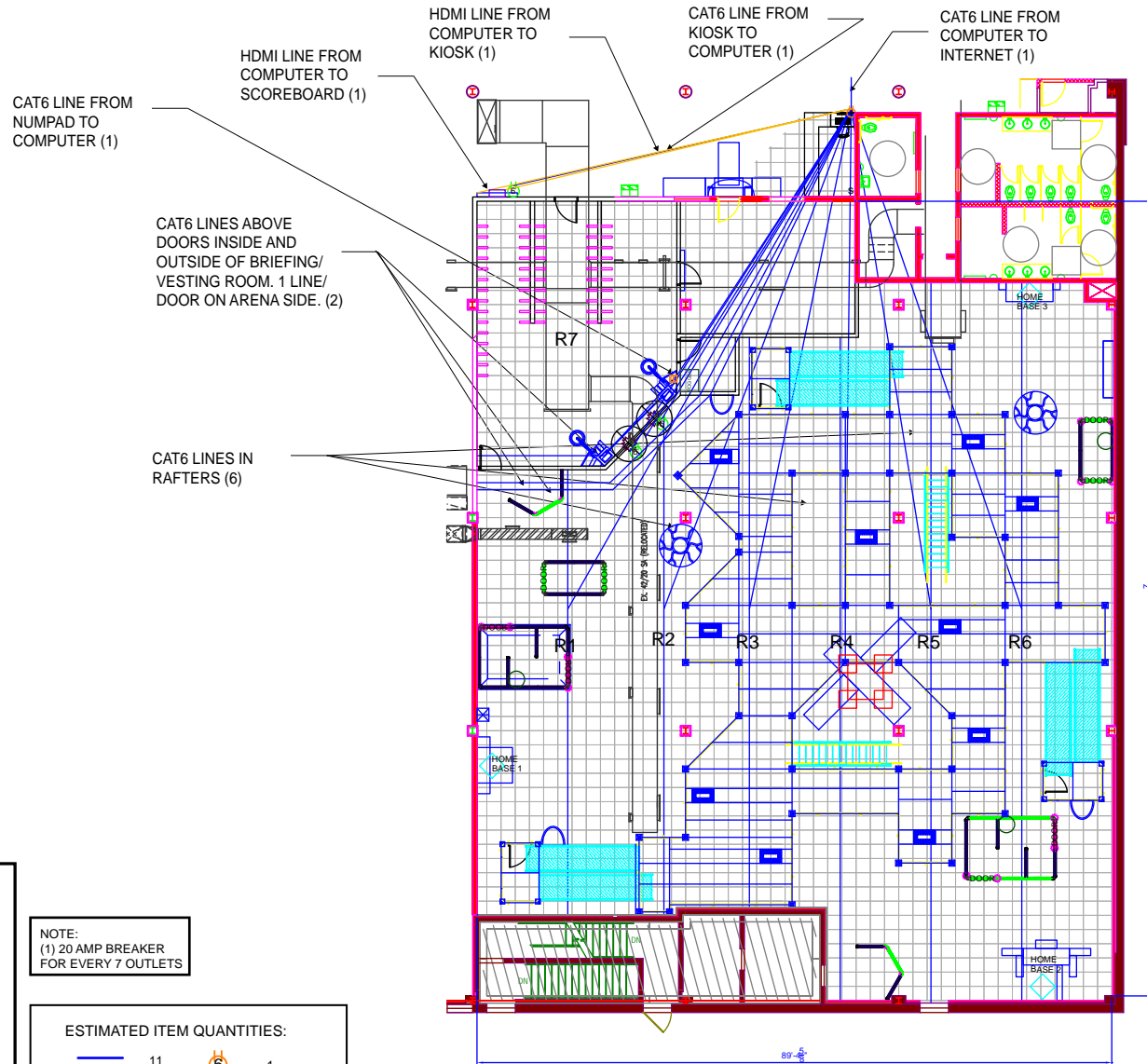
Project Name and Address

**Laser Tag  
CAT6 and Cables  
Scene 75 (Columbus)**

Project Sheet

Date  
 June 21, 2019  
 Scale

5/5



\* CAT6 RUNS MUST BE SET UP BEFORE INSTALLERS ARRIVE ON SITE \*

CUSTOMER WILL BE RESPONSIBLE FOR OUTLETS FOR SCOREBOARD AND MEMBERS TERMINAL. LOCATIONS TO BE DETERMINED BY CUSTOMER.

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— CAT6 LINES  
 — HDMI LINES

Ⓢ CAT6 SWITCH AT REGULAR COMPUTER HEIGHT (SUPPLIED BY LASERFORCE)

Ⓢ CAT6 OUTLET AT 8' AFF (NORTH AMERICA ONLY)

R1, R2, R3, R4, R5, R6, R7:  
 RADIO LOCATIONS IN THE ARENA. THEY REQUIRE 1 CAT6. THEY ARE IN THE CEILING RAFTERS.

NOTE:  
 (1) 20 AMP BREAKER FOR EVERY 7 OUTLETS

ESTIMATED ITEM QUANTITIES:

—	11	Ⓢ	1
—	2	Ⓢ	3
		R	7

NOTE:  
 "STAR GATES" NEEDED FOR EACH ARENA DOOR.



RUSH LASER TAG

NAME OF CLIENT: **Library File - Wall Type - Wall Legend**

THEME: **Generic**

DATE: **2019**

