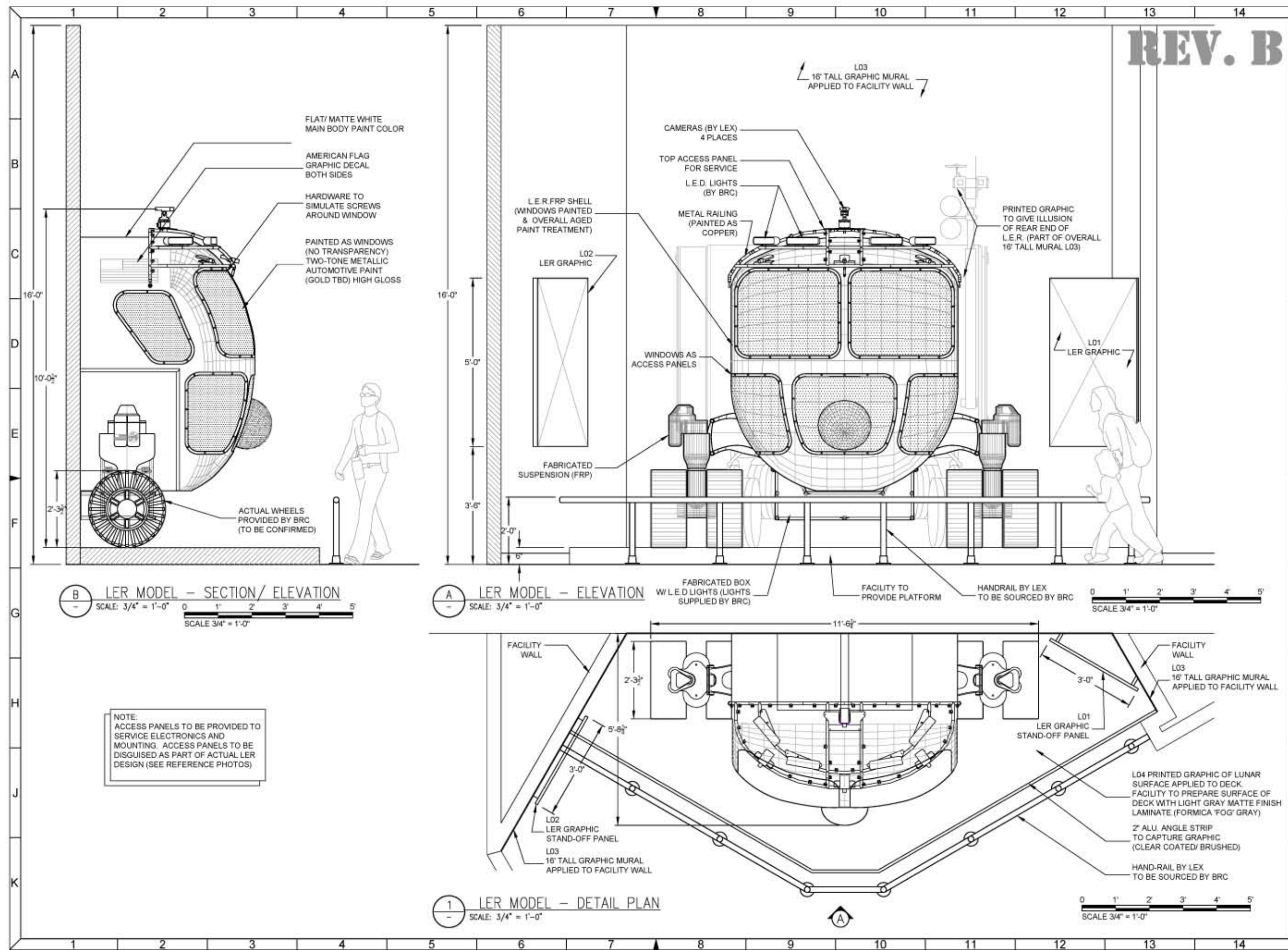


\\2520\Constellation\Adventure\BRC\Design\Drawings\Constellation\LER.dwg, 030, 10/10/2009 1:43:31 PM, cbaurley, 1.1



NOTE:
ACCESS PANELS TO BE PROVIDED TO SERVICE ELECTRONICS AND MOUNTING. ACCESS PANELS TO BE DISGUISED AS PART OF ACTUAL LER DESIGN (SEE REFERENCE PHOTOS)

REV. B



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REV	DATE	DESCRIPTION
-	-/-/00	-

PHASE	VISION
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PROJECT NO.	0387
CAD FILE	625 CHFC LER.dwg
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PLOT DATE	10-Jun-08 / 1:41 PM

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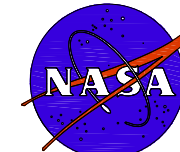
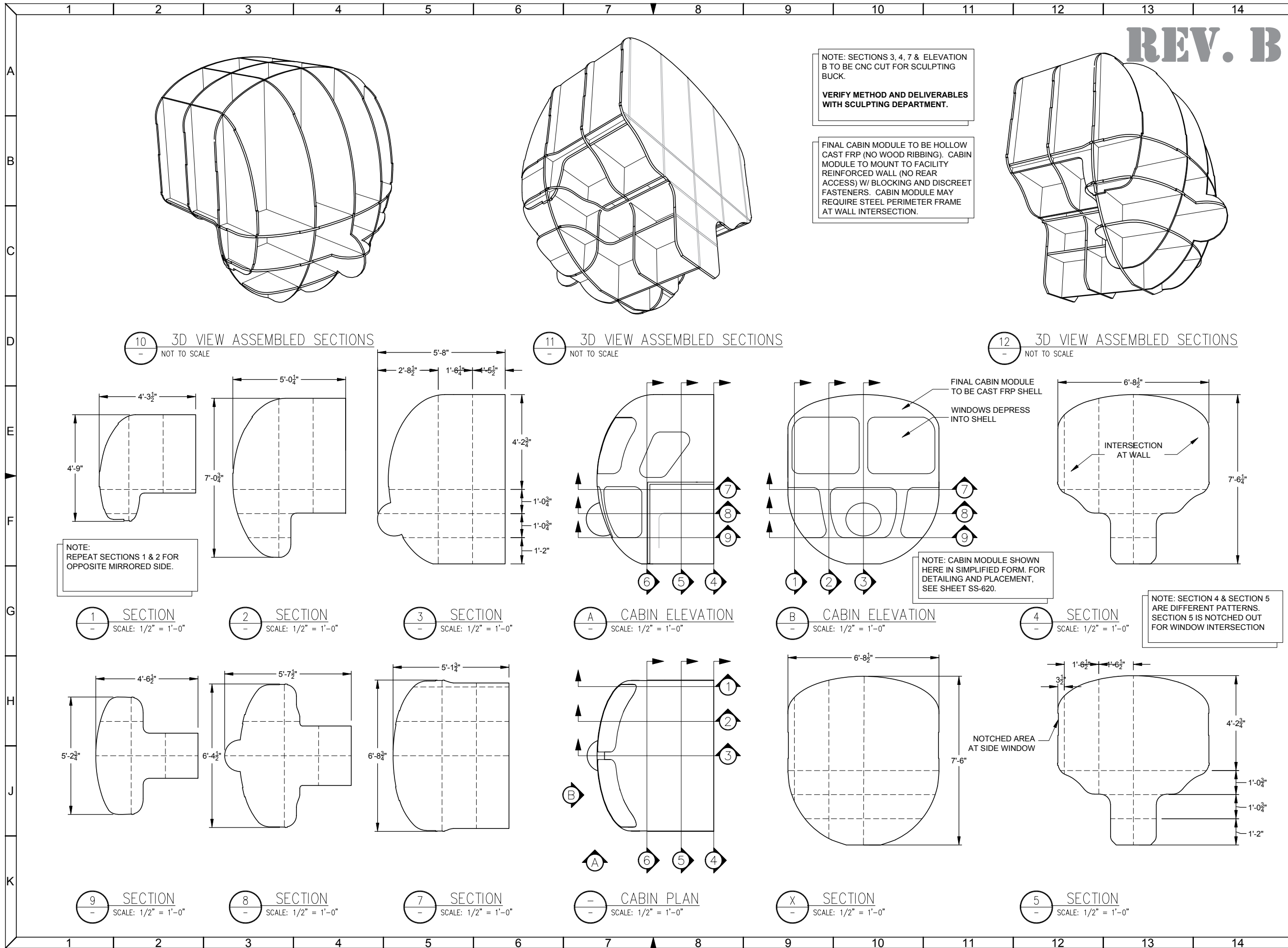
FLOORSCENE
YOUR LIFE IN SPACE

BUILDING/ATTRACTION
CONSTELLATION MISSION TRACKING CENTER

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SHEET NO.
SS-620

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CLIENT:
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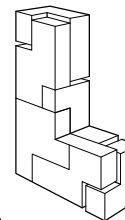
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PHASE	VISION
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DRAWN	CB

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SCALE	AS NOTED
SAVE DATE	10-Jun-09 / 10:36 AM

PLOT DATE	10-Jun-09 / 11:04 AM
DRAWING TITLE	LER MODEL

**CABIN MODULE
FRP SECTIONS**

FLOOR/SCENE

YOUR LIFE IN SPACE

BUILDING/ATTRACTION

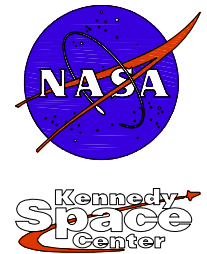
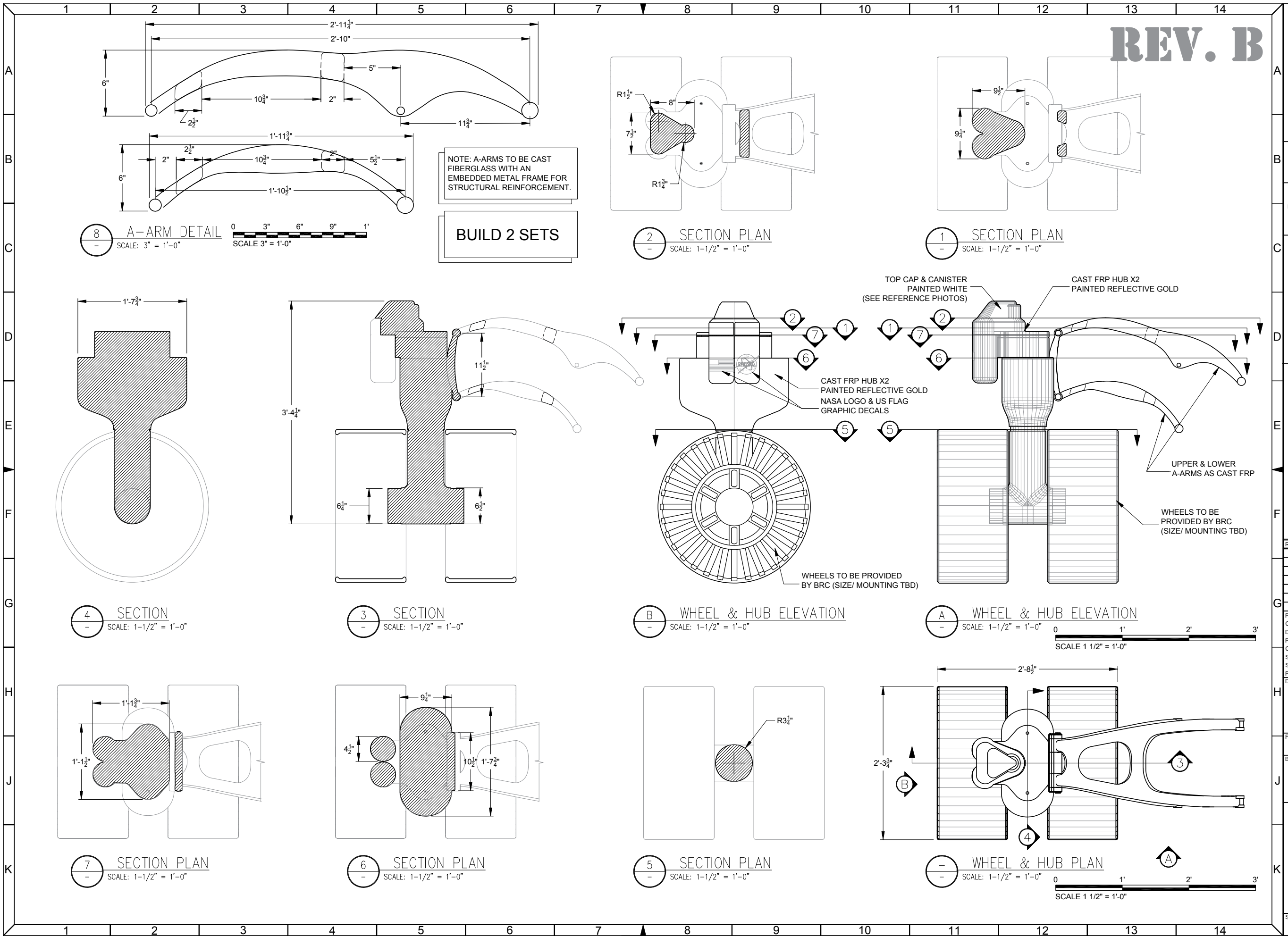
**CONSTELLATION
MISSION TRACKING
CENTER**



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SHEET NO.	REV.
SS-622	

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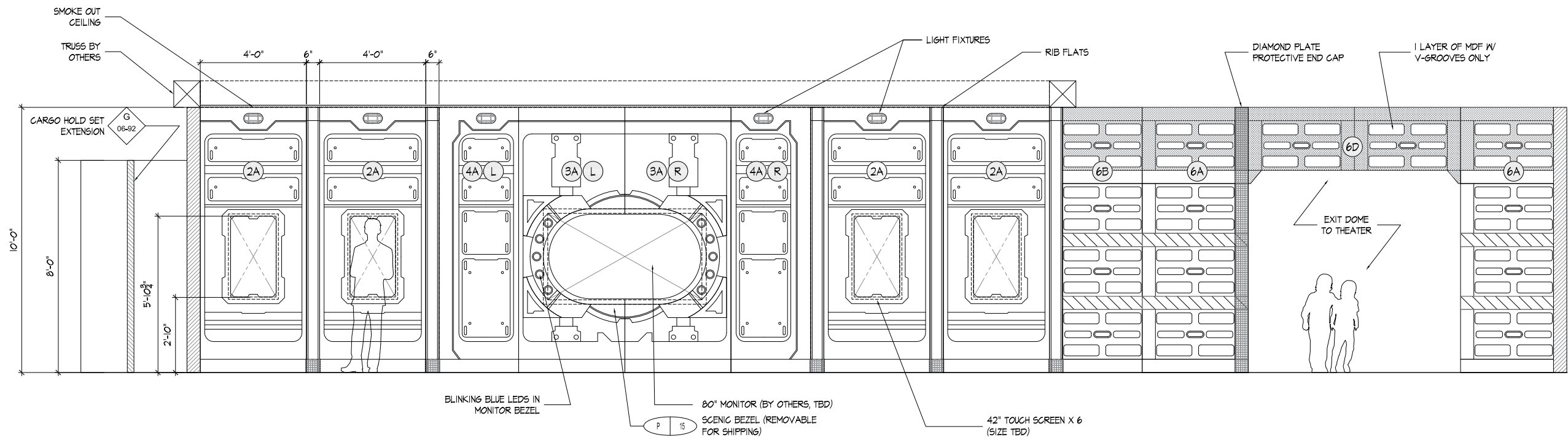
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WHEEL & HUB**

FLOOR/SCENE
YOUR LIFE IN SPACE
BUILDING/ATTRACTION
**CONSTELLATION
MISSION TRACKING
CENTER**

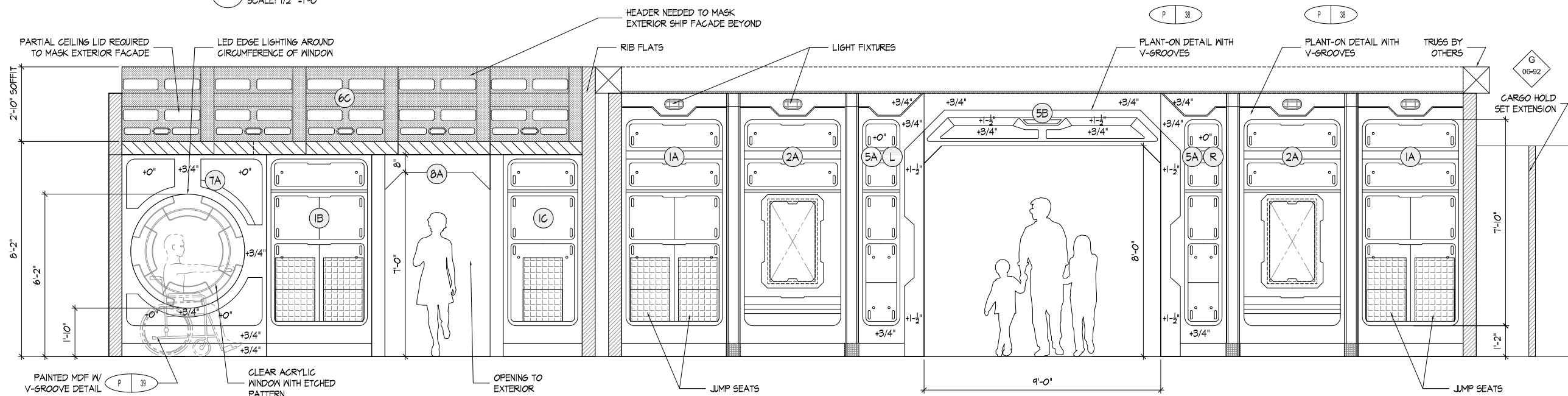
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FAX: (818) 841-4996

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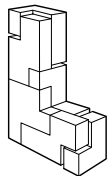
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SCALE: 1/2" = 1'-0"



B ELEVATION
SCALE: 1/2" = 1'-0"

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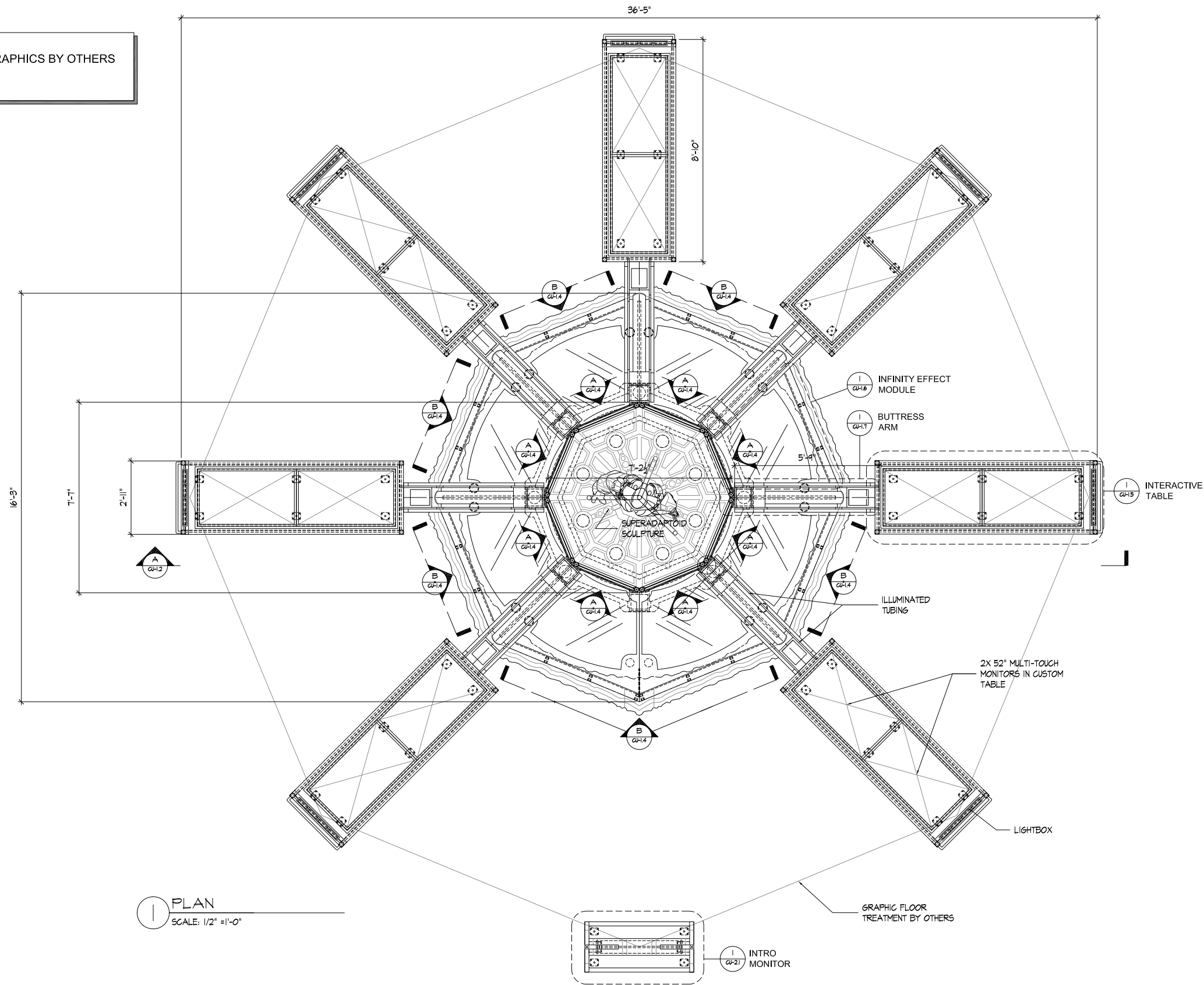
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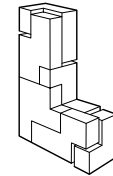
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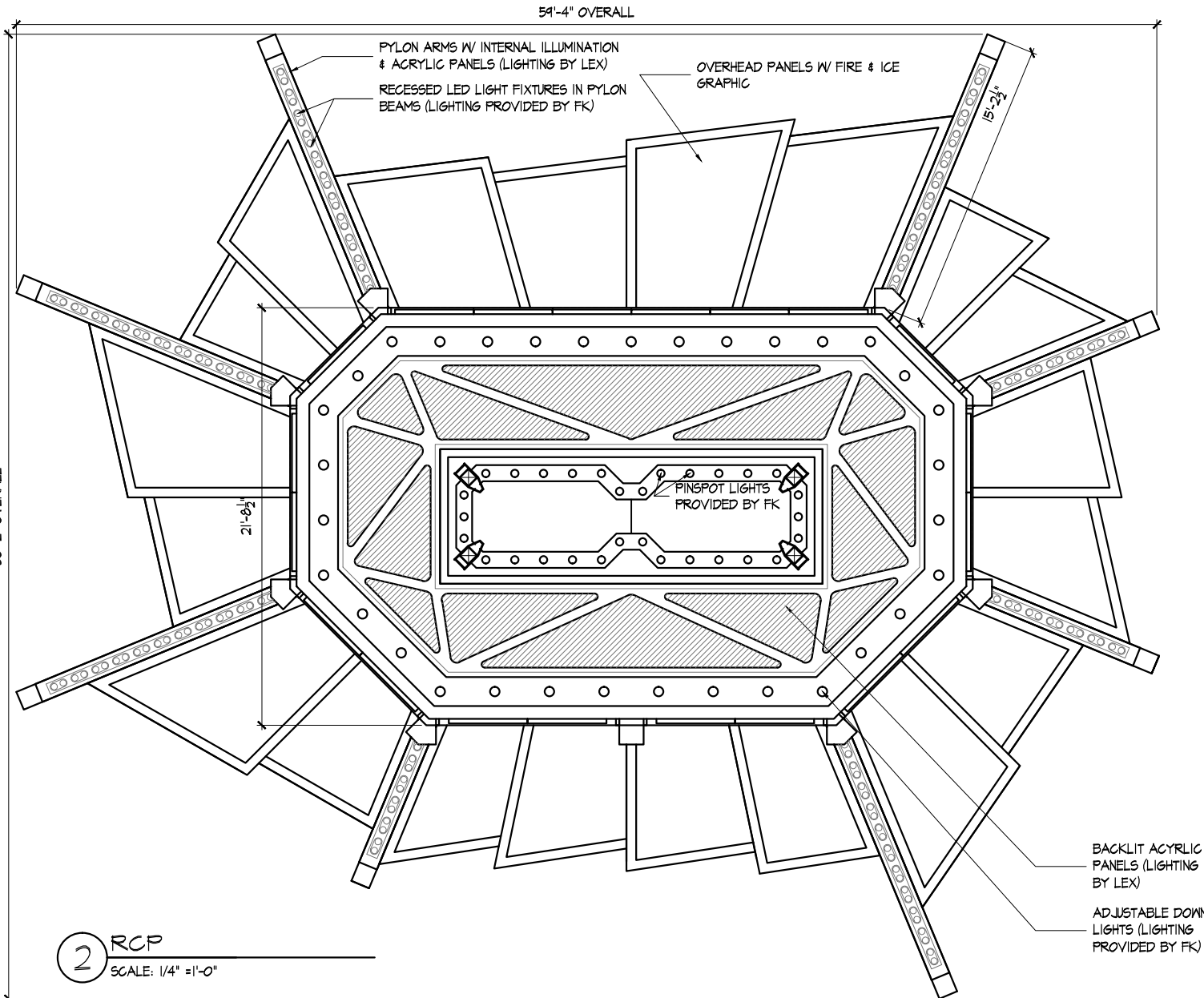
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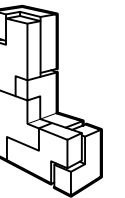
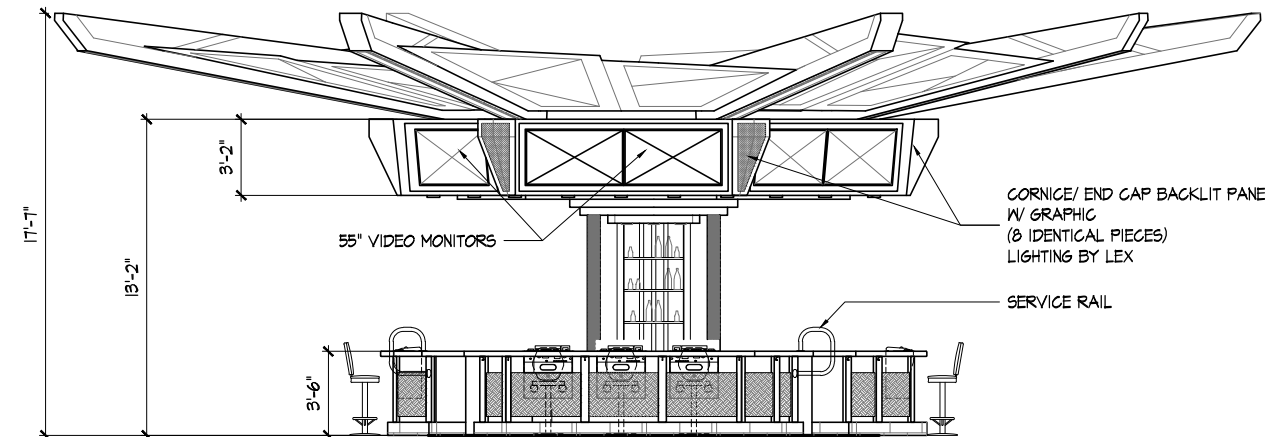
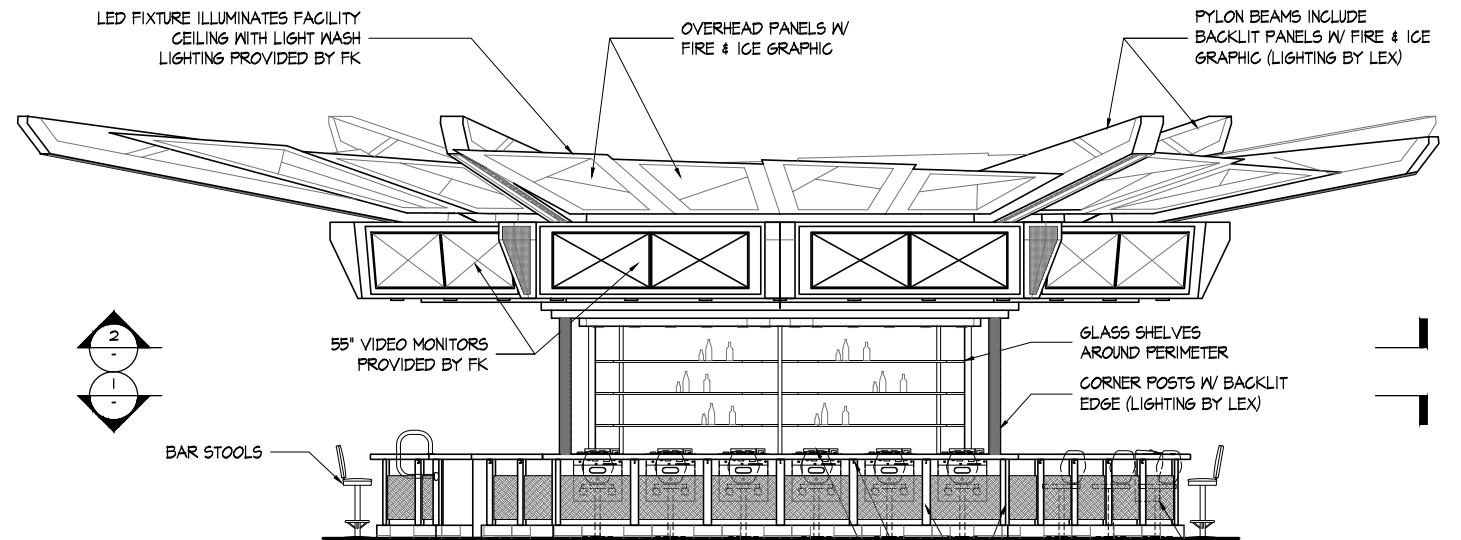
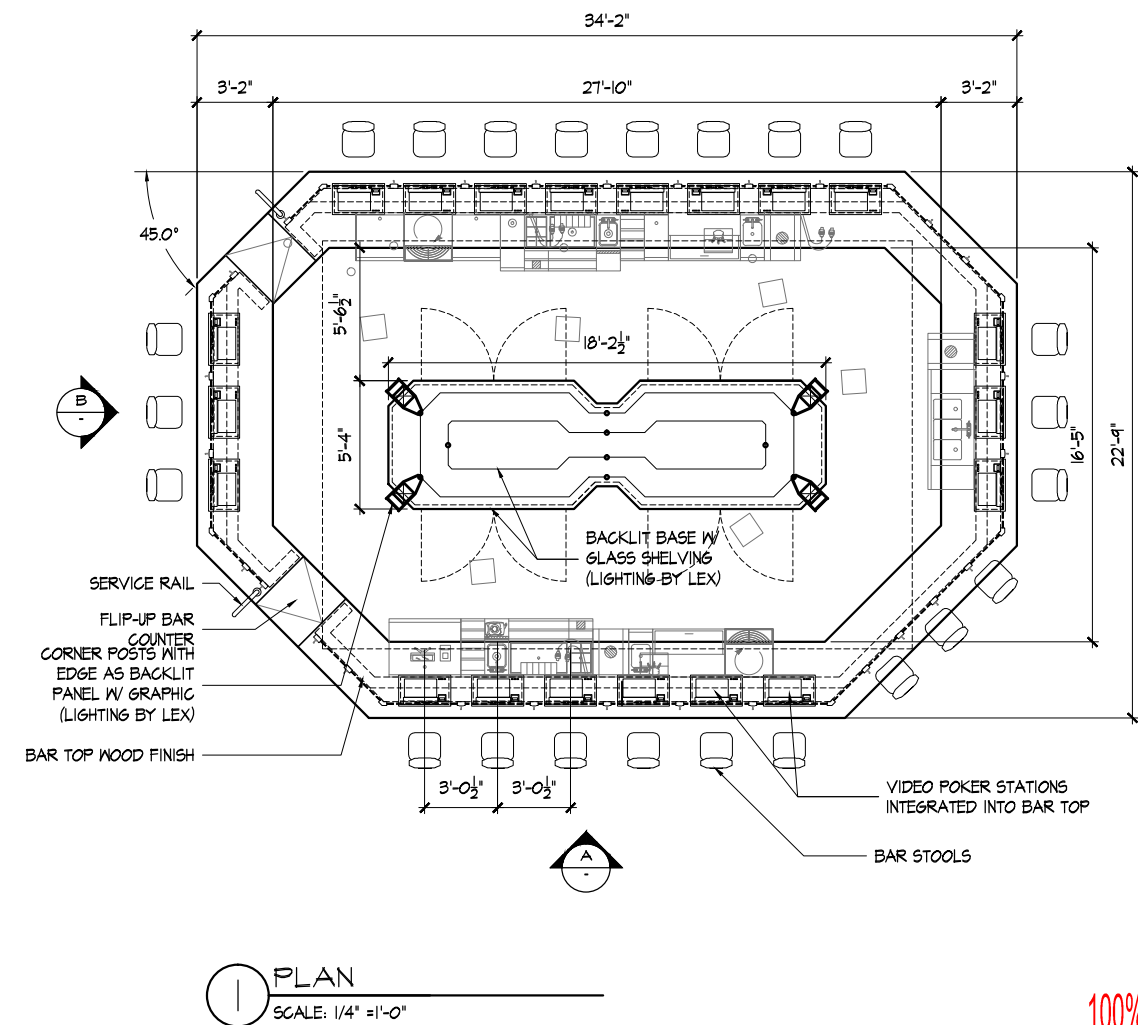
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50'-2" OVERALL



B ELEVATION
SCALE: 1/4" = 1'-0"



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4408
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9/16/2013

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PLAN & ELEVATION

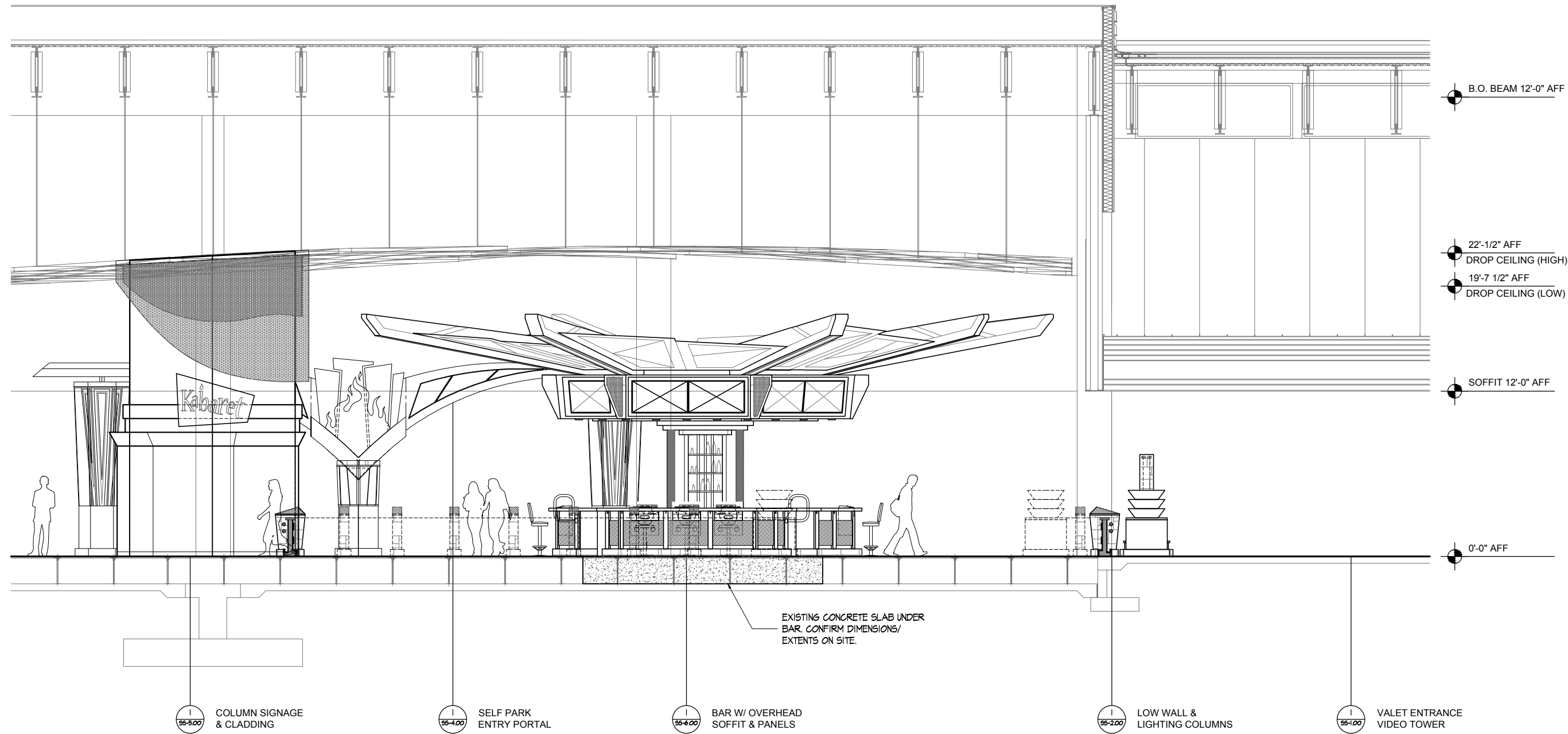
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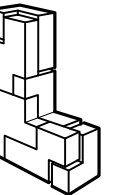
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SECTION/ ELEVATION
SCALE: 1/4" = 1'-0"



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OVERALL
SECTION/ ELEVATION

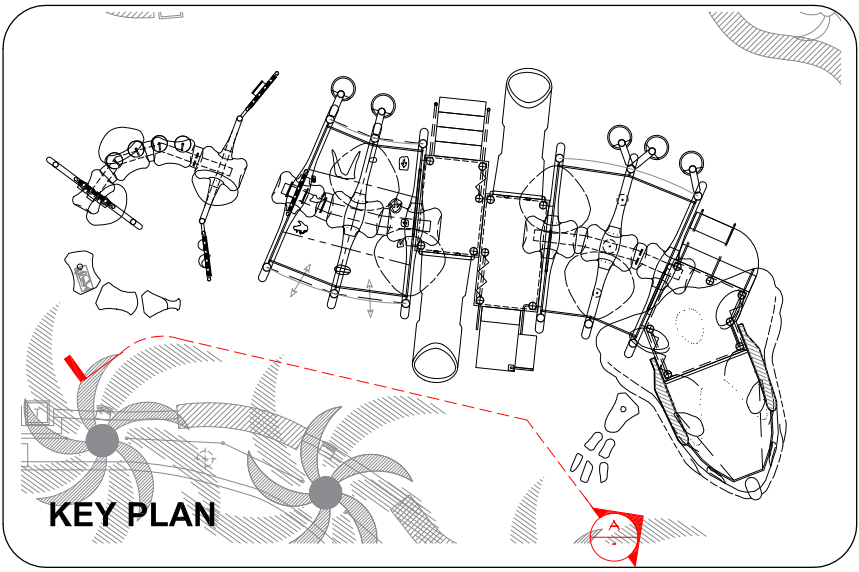
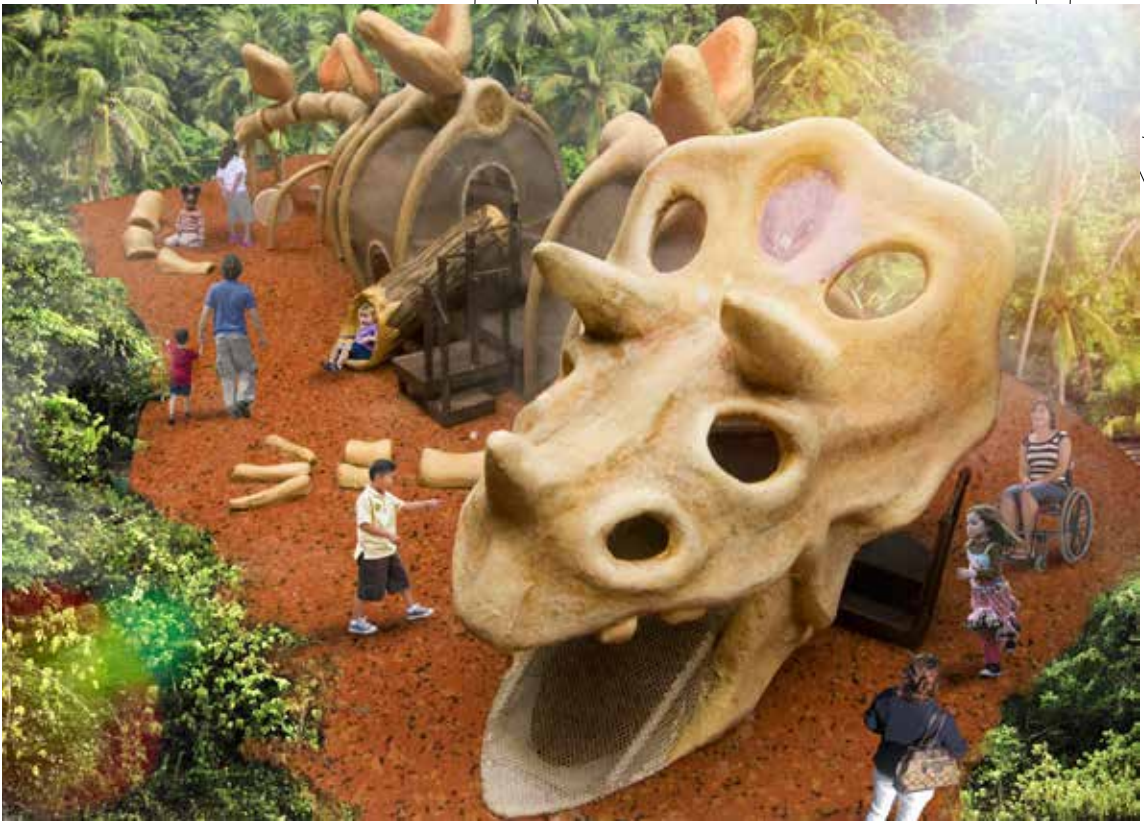
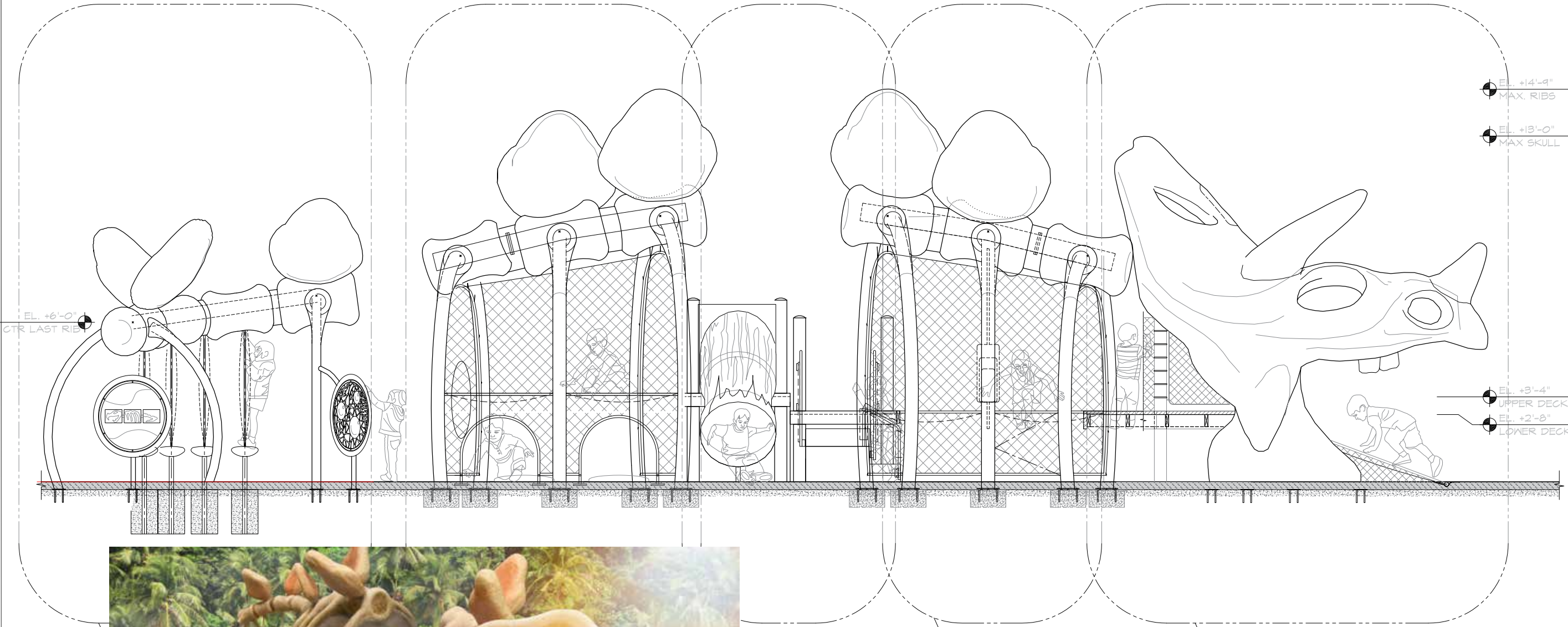
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4908-AA-3.0

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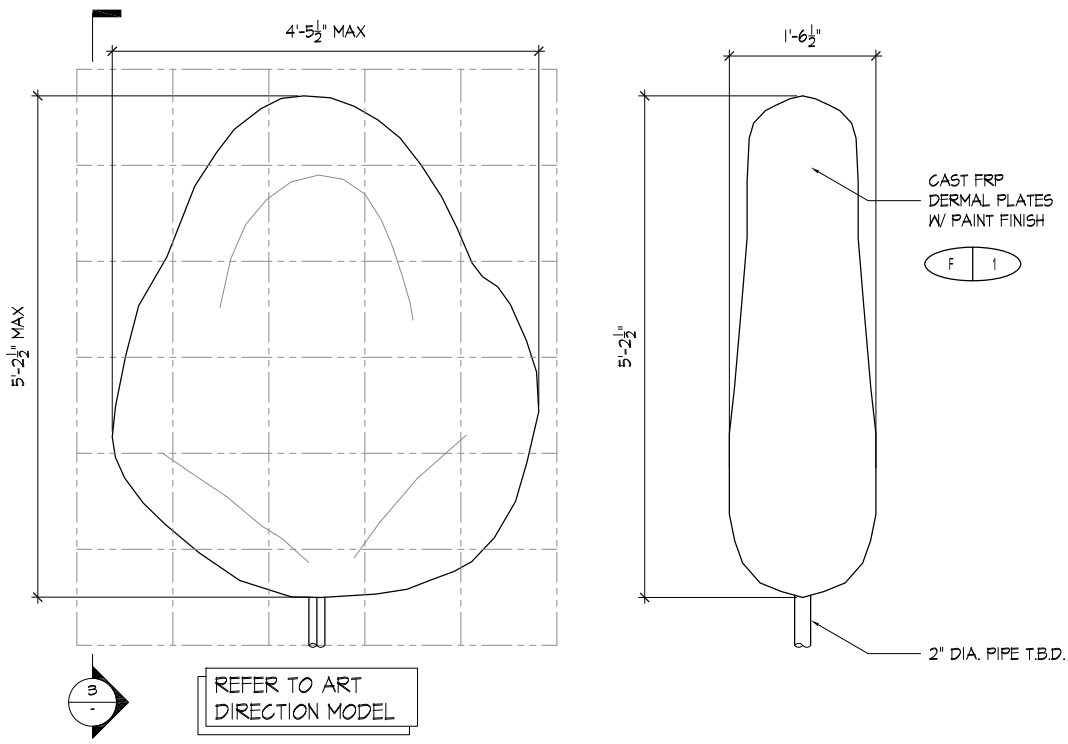
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JPA - BLDG. 3331

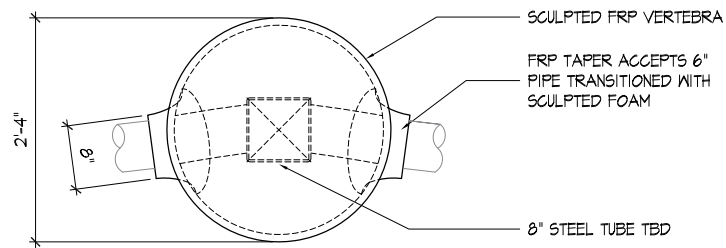
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DATE	2011/12/23
PROJECT	JPA
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CAD FILE	
BUILDING/TRACT/SECTION	3331
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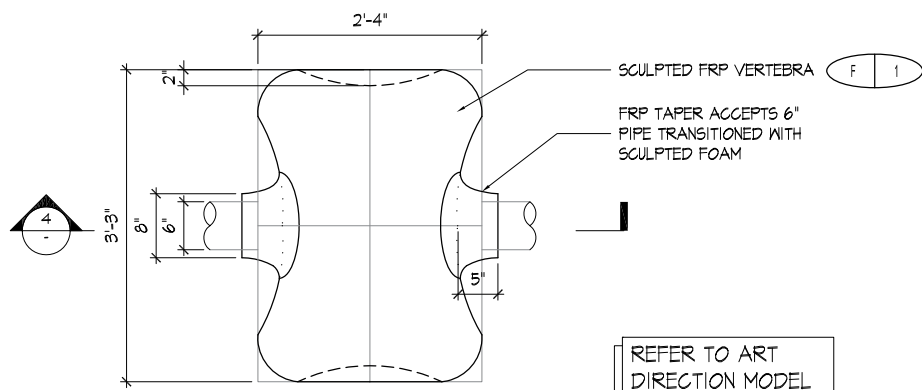


2 DERMAL PLATE (LARGE)
DETAIL: FRONT VIEW
SCALE: 1" = 1'-0"

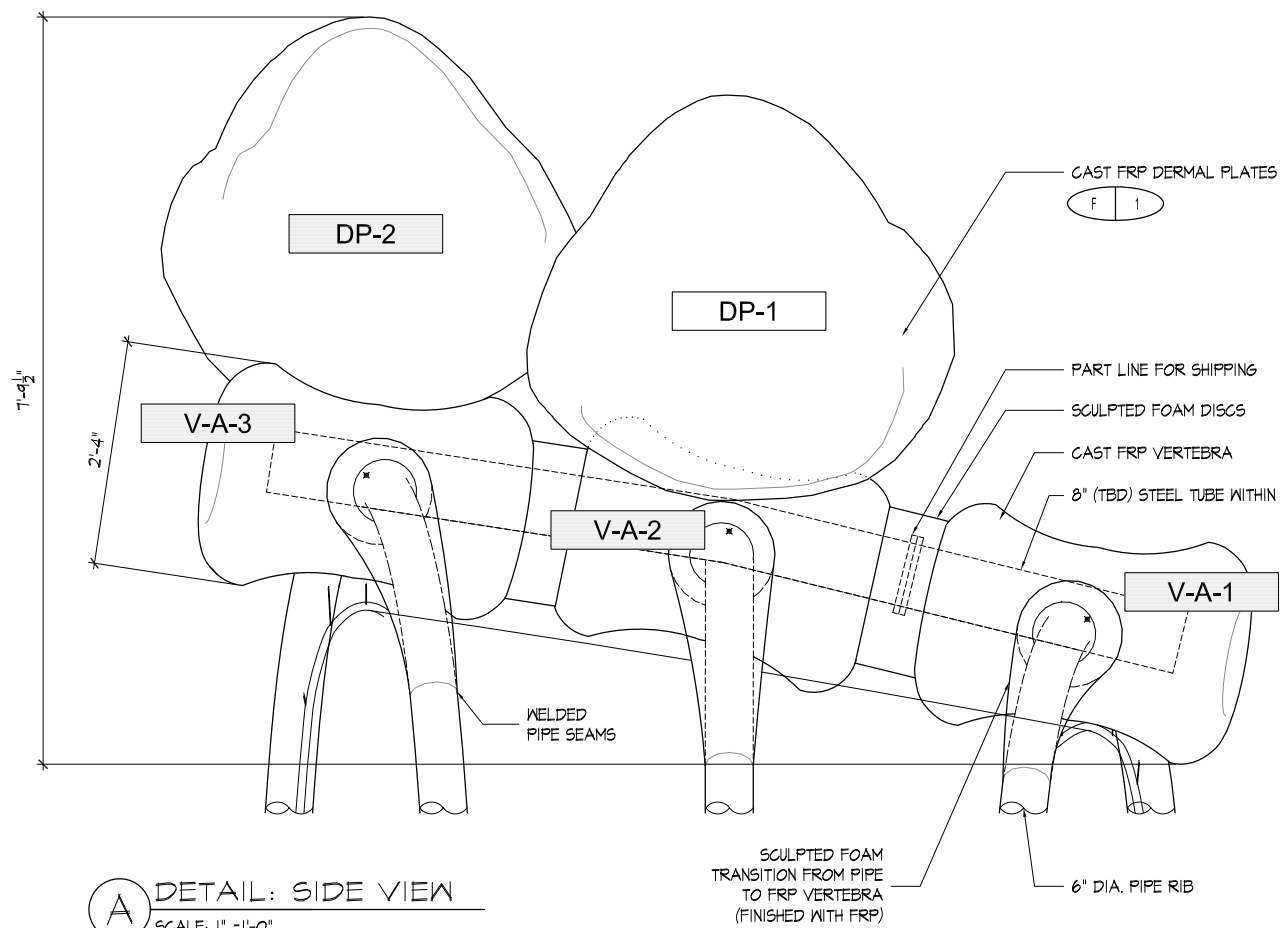
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DETAIL: SIDE VIEW
SCALE: 1" = 1'-0"



4 VERTEBRA 'A'
DETAIL: SECTION
SCALE: 1" = 1'-0"



5 VERTEBRA 'A'
DETAIL: TOP VIEW
SCALE: 1" = 1'-0"

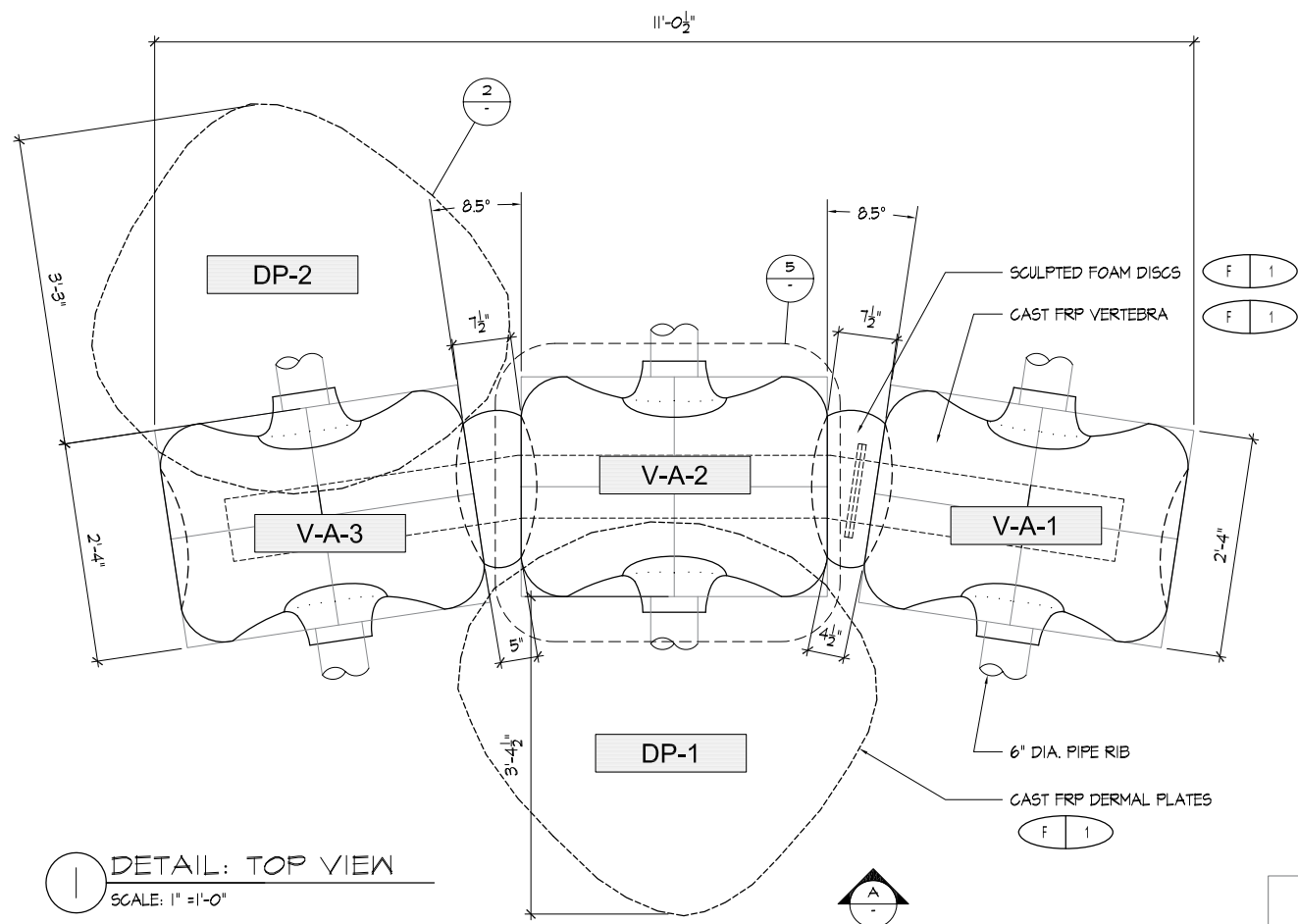


A DETAIL: SIDE VIEW
SCALE: 1" = 1'-0"

EL. +10'-0"
CENTER PIPE

EL. +9'-5"
CENTER PIPE

EL. +8'-6"
CENTER PIPE



1 DETAIL: TOP VIEW
SCALE: 1" = 1'-0"

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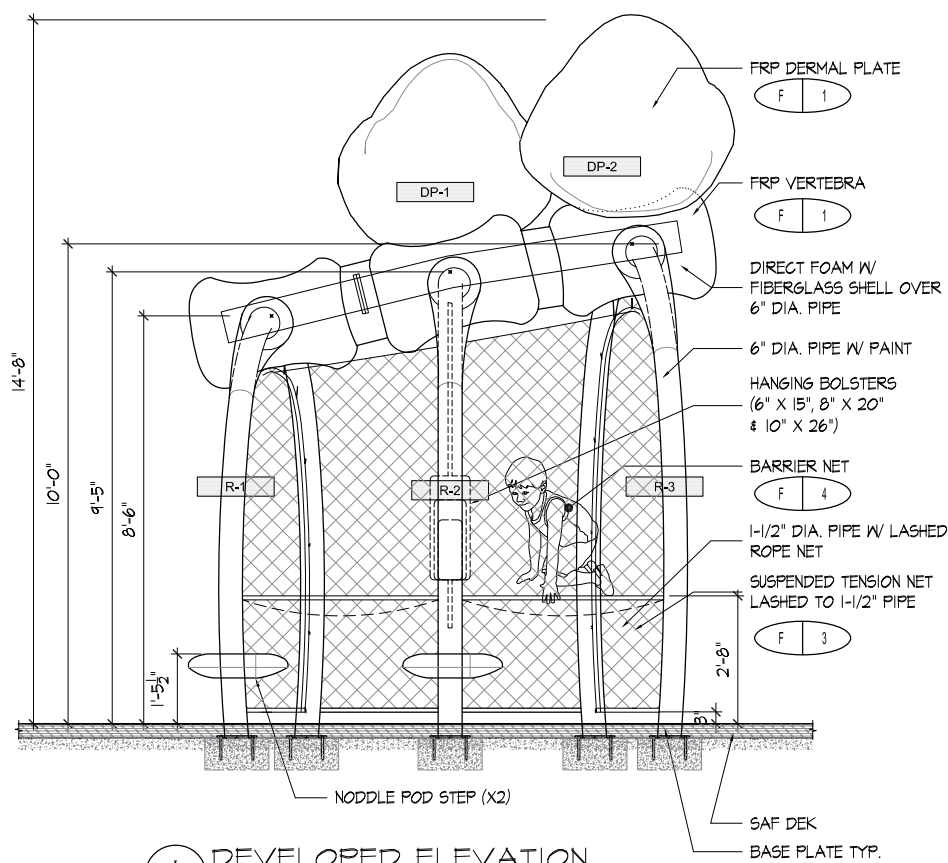
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DETAILS
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FILE: 3331

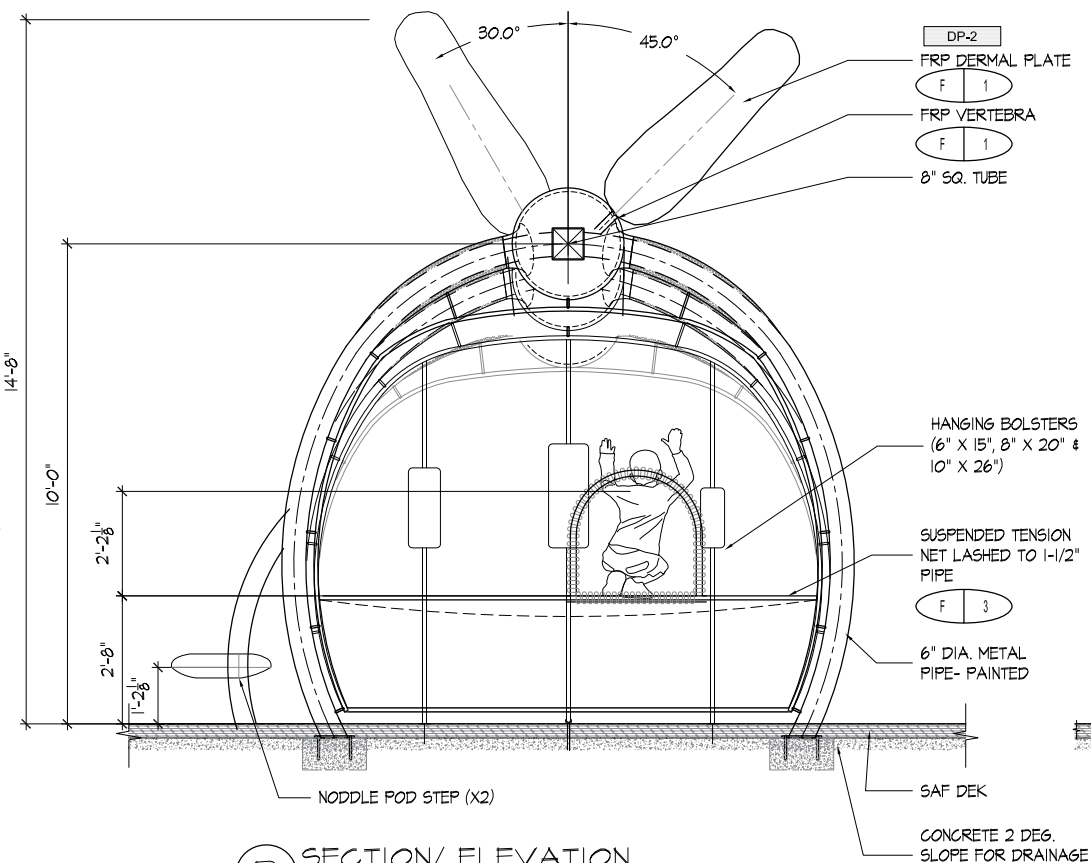
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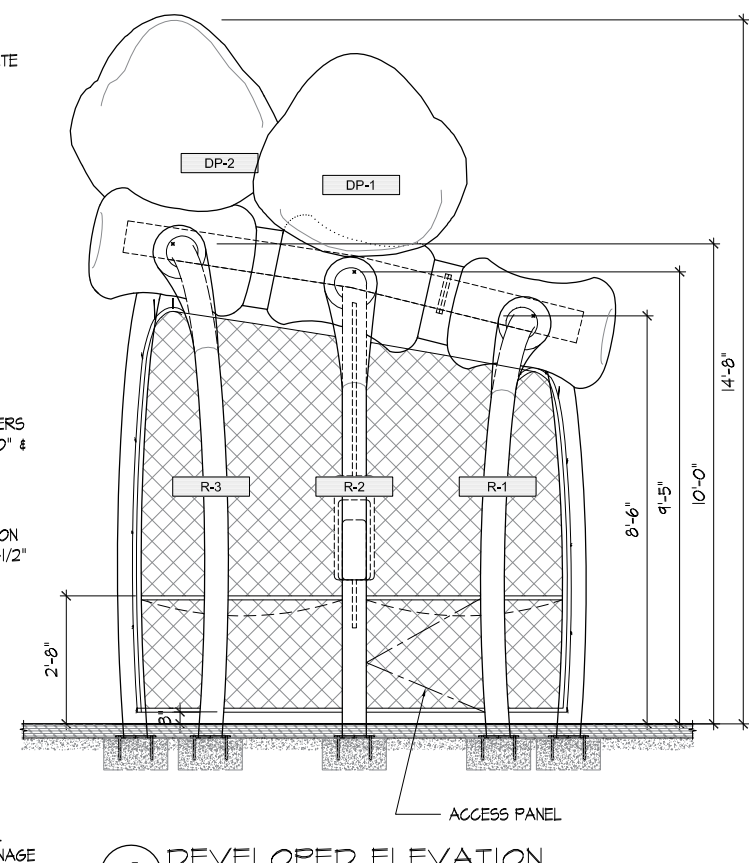
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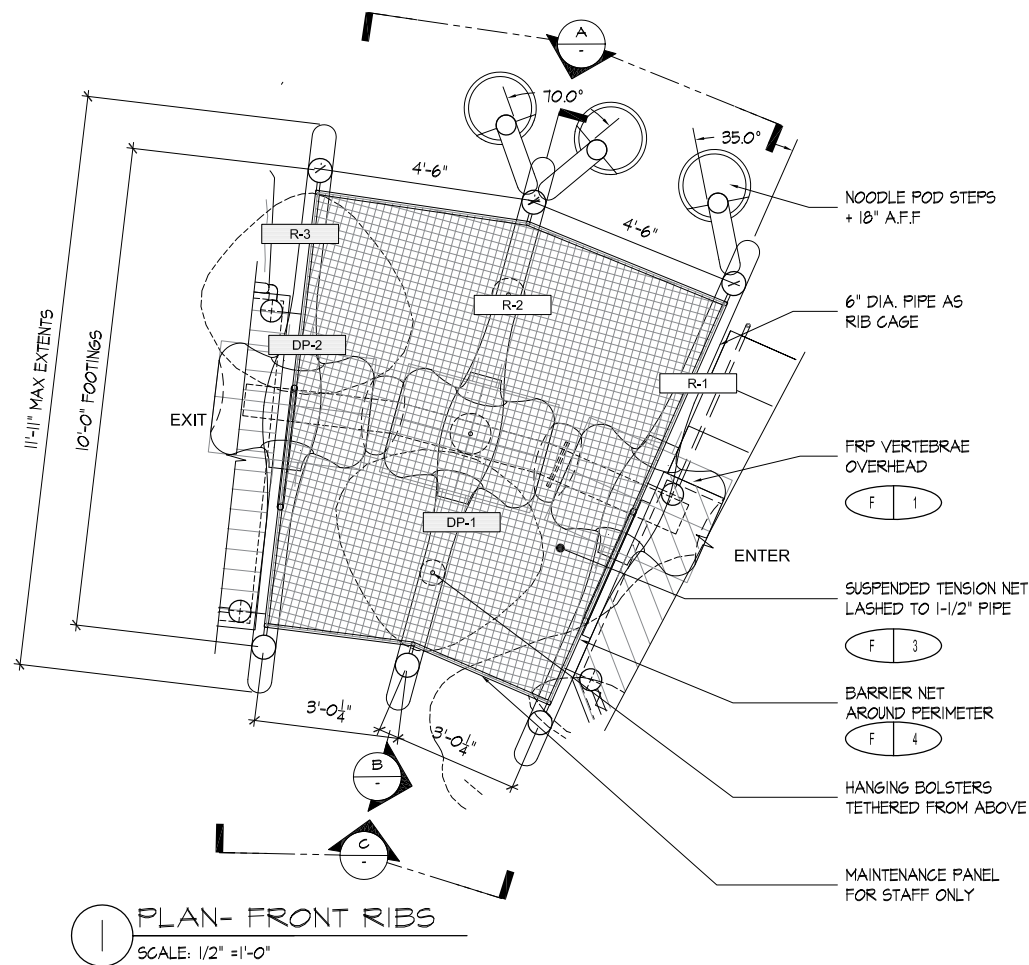
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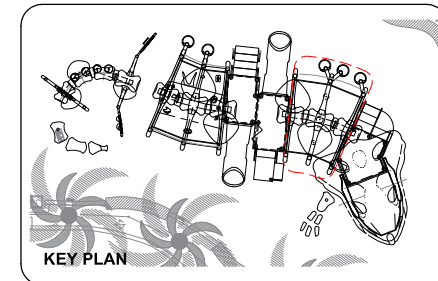
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SCALE: 1/2" = 1'-0"



C DEVELOPED ELEVATION
SCALE: 1/2" = 1'-0"



PLAN- FRONT RIBS
SCALE: 1/2" = 1'-0"



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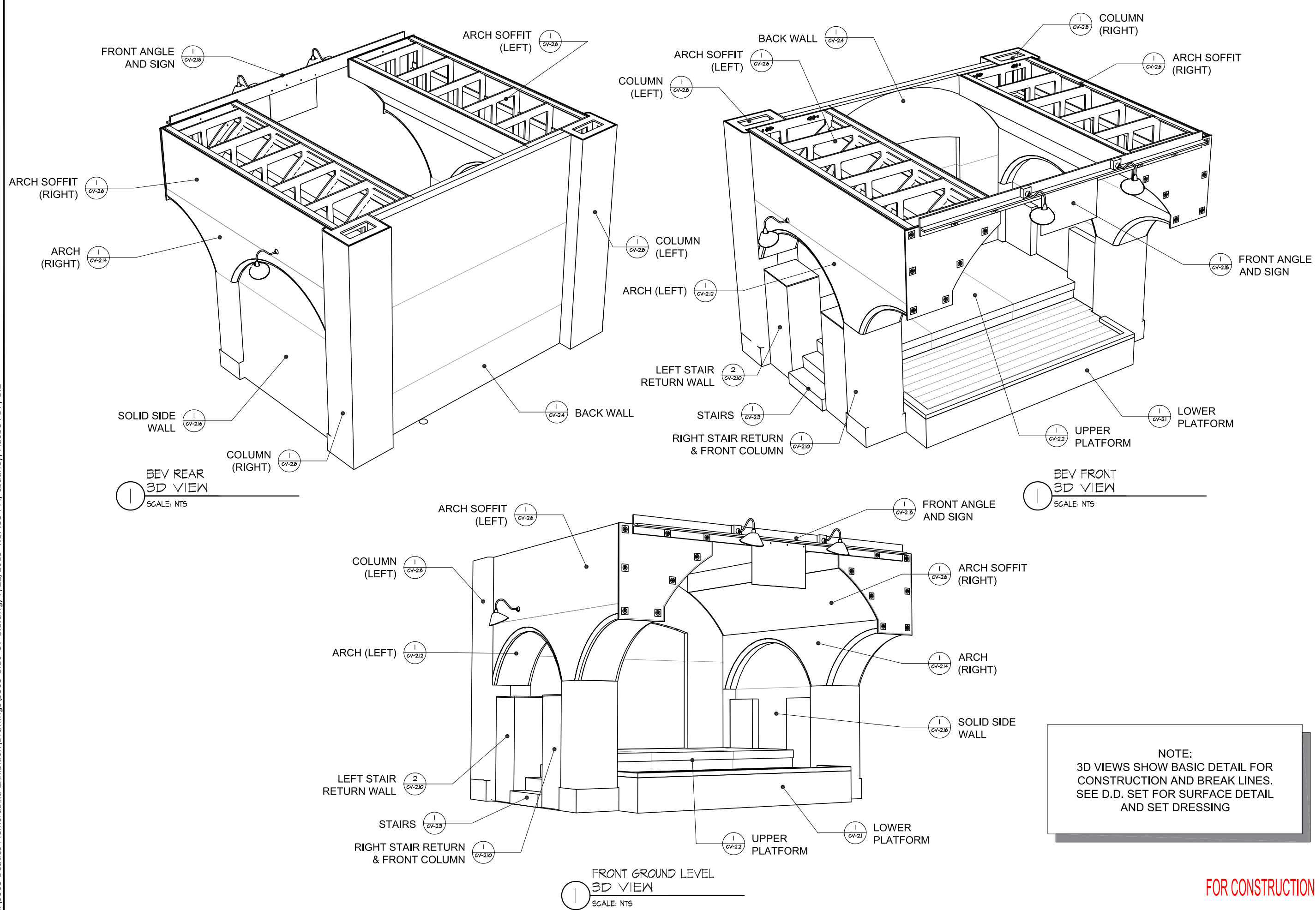
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JPA - BLDG. 3331

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FILED: BUILDING/STRUCTURE
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DATE DESCRIPTION OF REVISIONS

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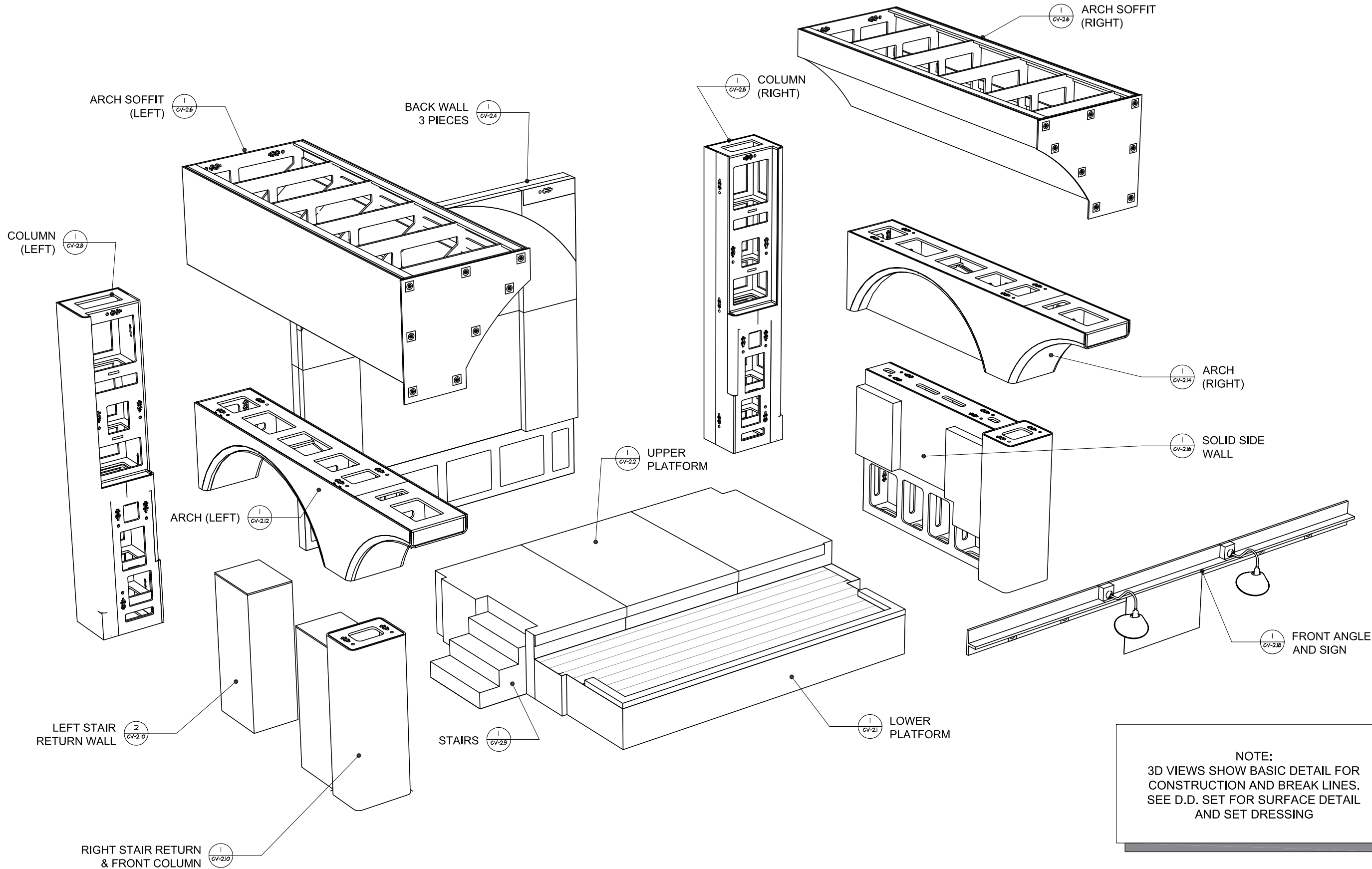
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3D VIEWS
ASSEMBLED

SHEET NO. / FILE NAME

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NOTE:
3D VIEWS SHOW BASIC DETAIL FOR
CONSTRUCTION AND BREAK LINES.
SEE D.D. SET FOR SURFACE DETAIL
AND SET DRESSING

FOR CONSTRUCTION



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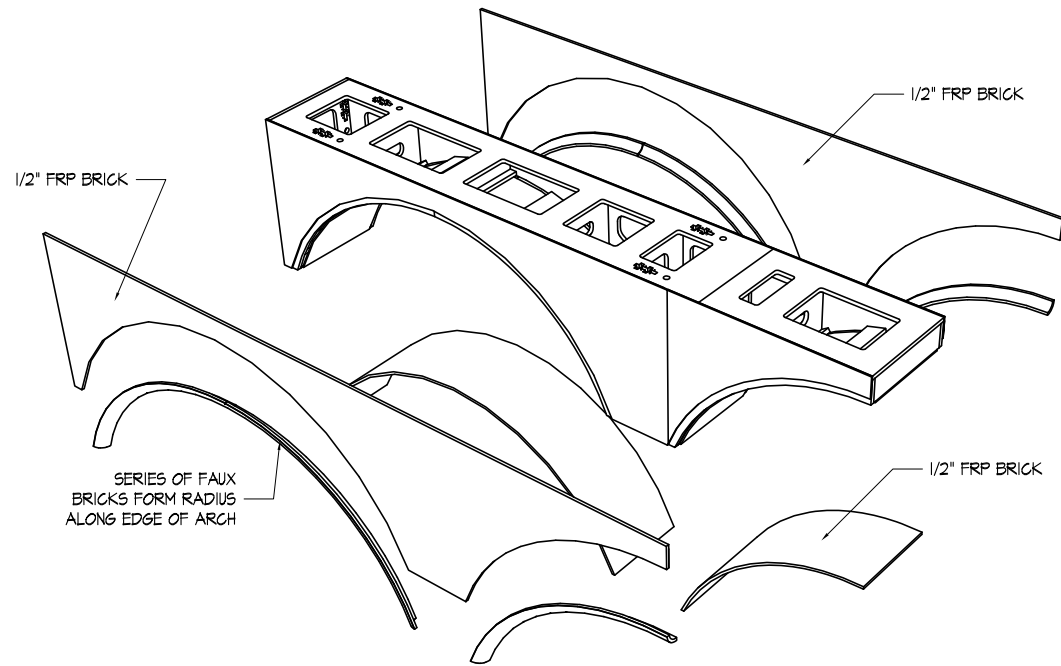
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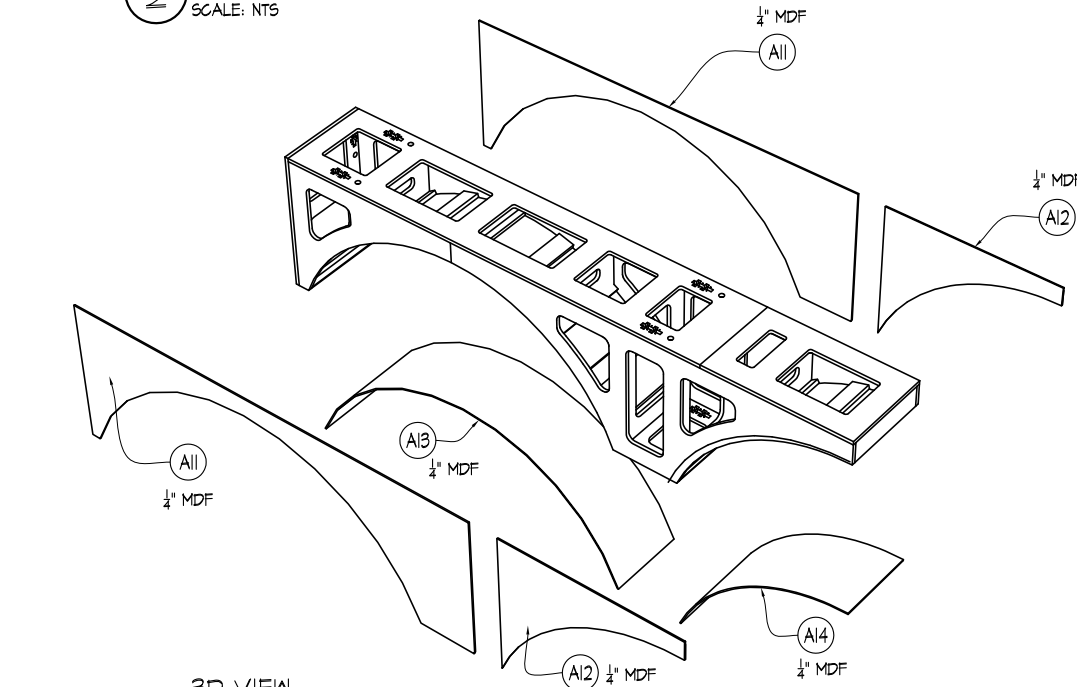
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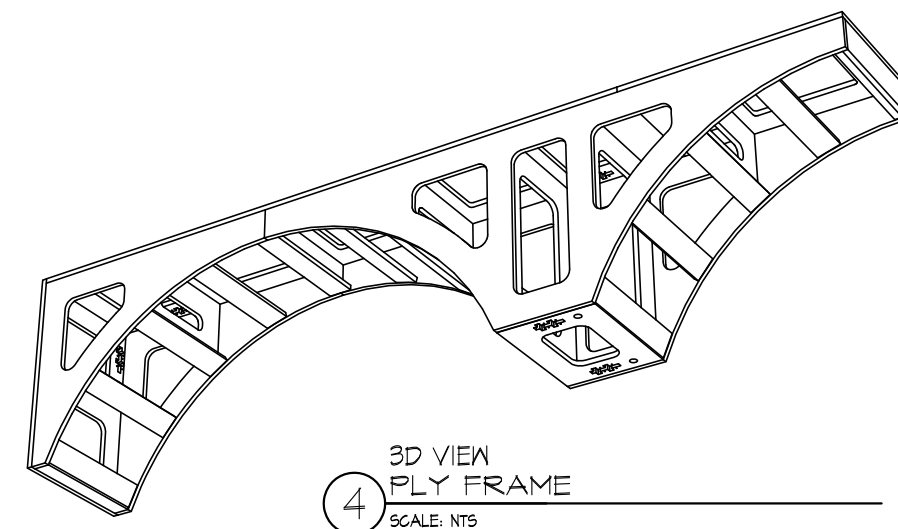
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SCALE: NTS



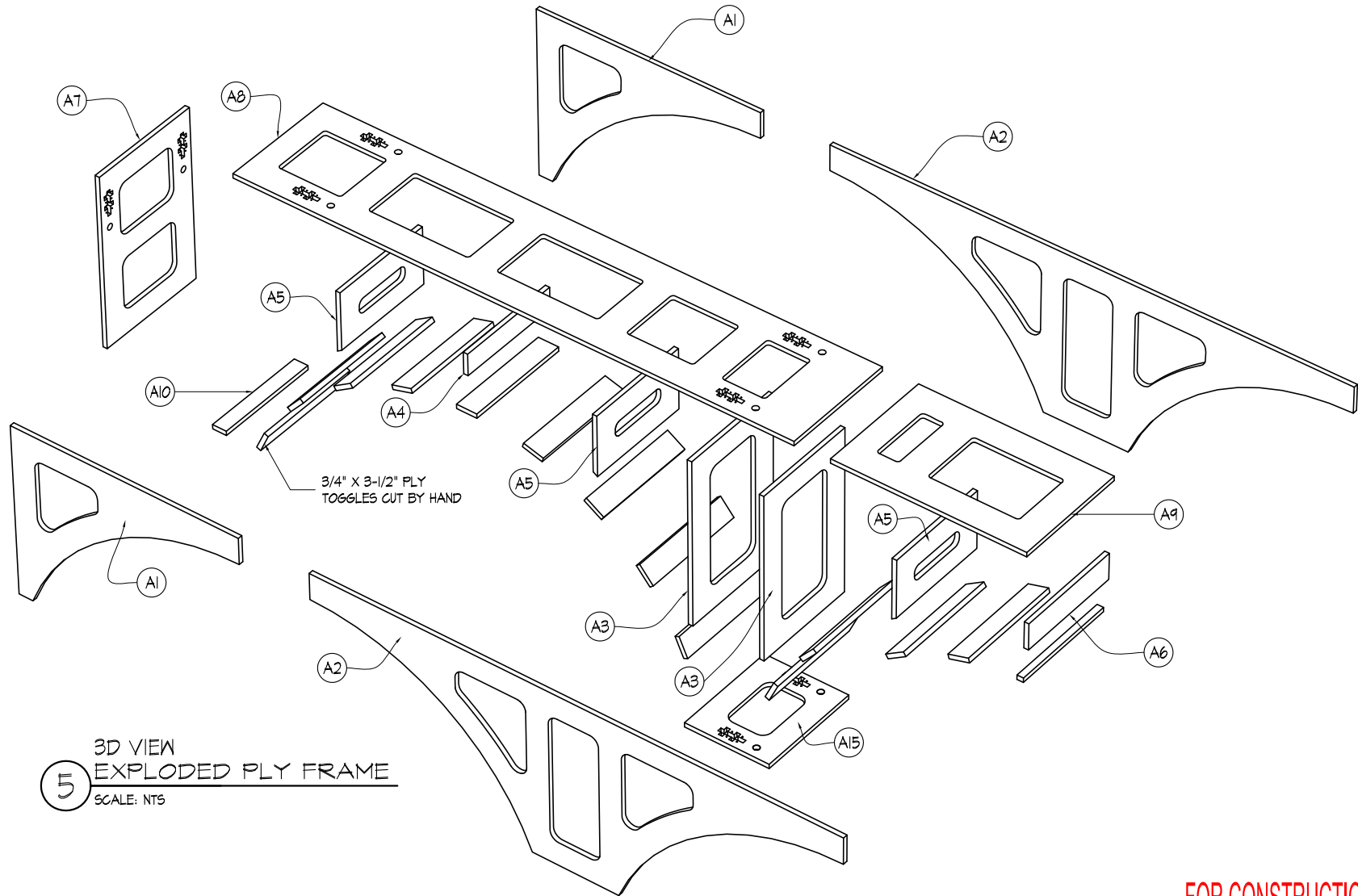
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1/2" FRP BRICK PEELED AWAY
SCALE: NTS



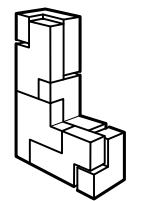
3 3D VIEW
1/4" MDF PEELED AWAY
SCALE: NTS



4 3D VIEW
PLY FRAME
SCALE: NTS



5 3D VIEW
EXPLODED PLY FRAME
SCALE: NTS



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BEATLES

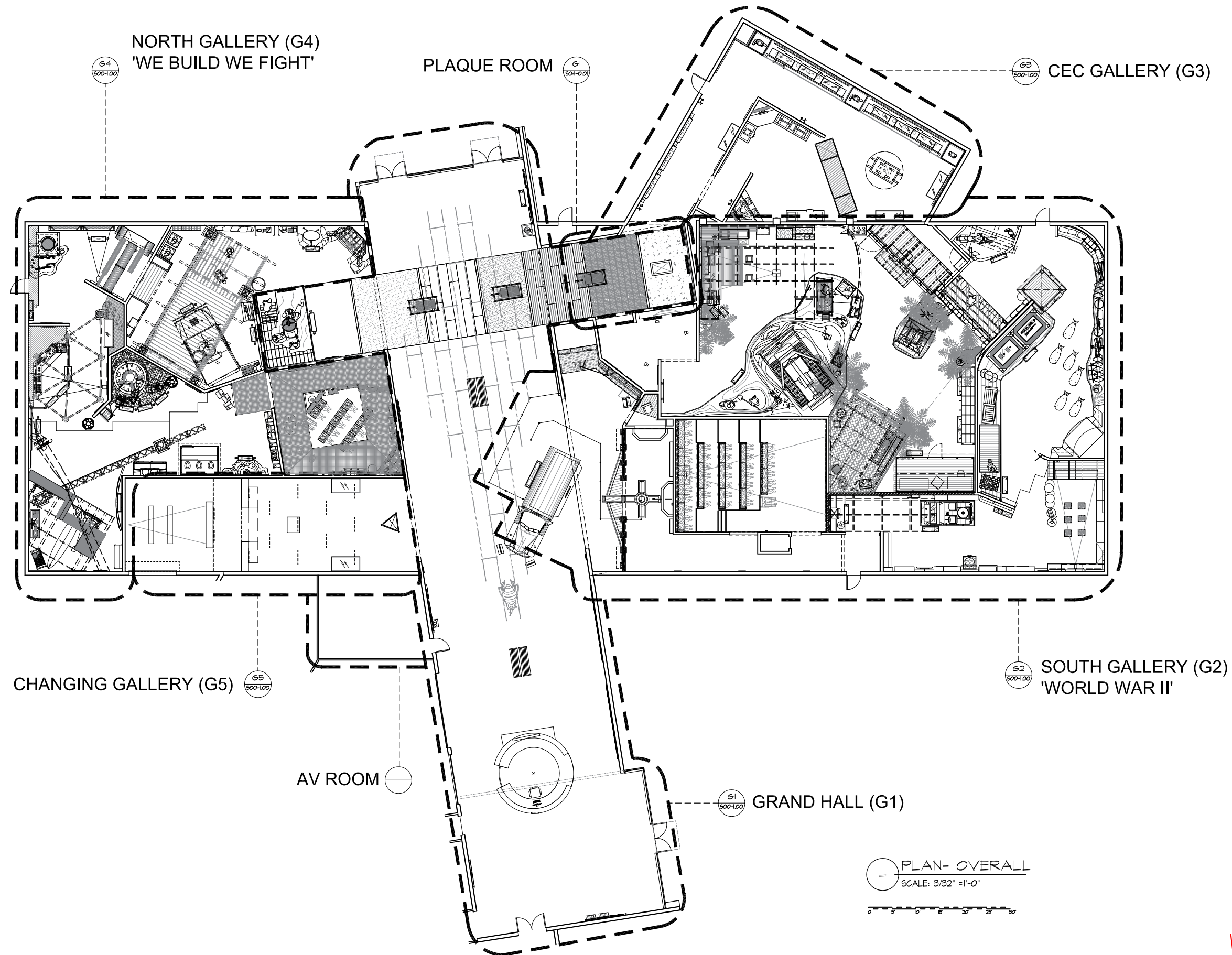
MEMORABILIA EXHIBITION

ORIGINAL

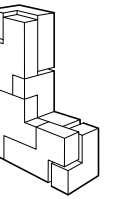
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1		
2		
3		
4		
5		
6		
APPROVED BY PM		DATE
SCALE @22x34		JOB #
As Noted		5585
DRAWN BY		DATE
CB		7/17/2015
DRAWING TITLE		
THE CAVERN 1.10		
ARCH (LEFT) UNIT		
3D VIEWS		
SHEET NO. / FILE NAME		
5585-1.10-CV-2.13		

FOR CONSTRUCTION

I:\2854 SEABEE MUSEUM\Design\CAD\2854-AA-1.00_Key Plan.dwg, AA-1.00, 1/4/2012 11:09:15 AM, cbaurley, Adobe PDF, 1:2



PLAN- OVERALL
SCALE: 3/32" = 1'-0"



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DESIGN + FABRICATION

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COMPLETION / PHASE

DESIGN
PHASE

DATE
DESCRIPTION OF REVISIONS

1 6/30/2004
FOOTINGS FOR BRIDGE ADDED

2

SCALE As Noted JOB # 2854

DRAWN BY C. BAURLEY DATE 12/22/2004

DRAWING TITLE
GALLERY KEYPLAN

DESIGN

SHEET NO.

2854-AA-1.00

WORK IN PROGRESS

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COMPLETION / PHASE

DATE	DESCRIPTION OF REVISIONS
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AS NOTED	2854
DRAWN BY C / CB	DATE 10/25/2010

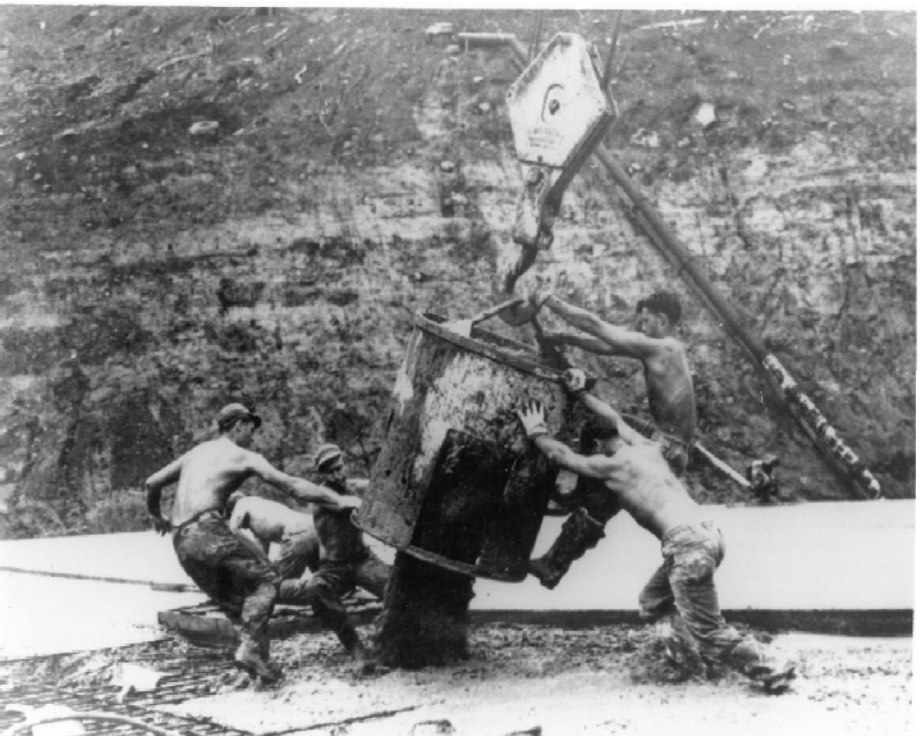
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GRAND HALL
AIRFIELD
SUBI POINT

DESIGN

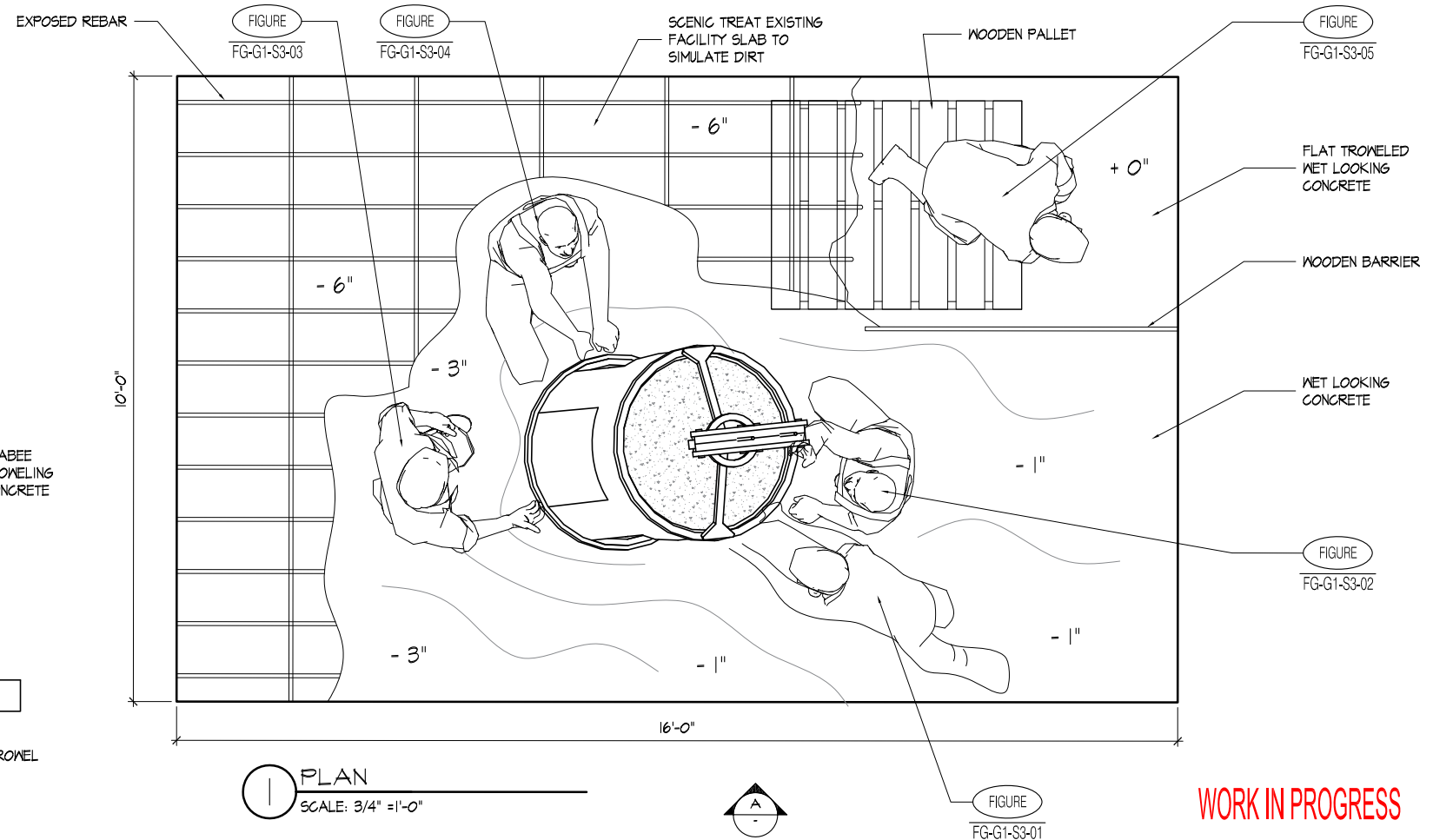
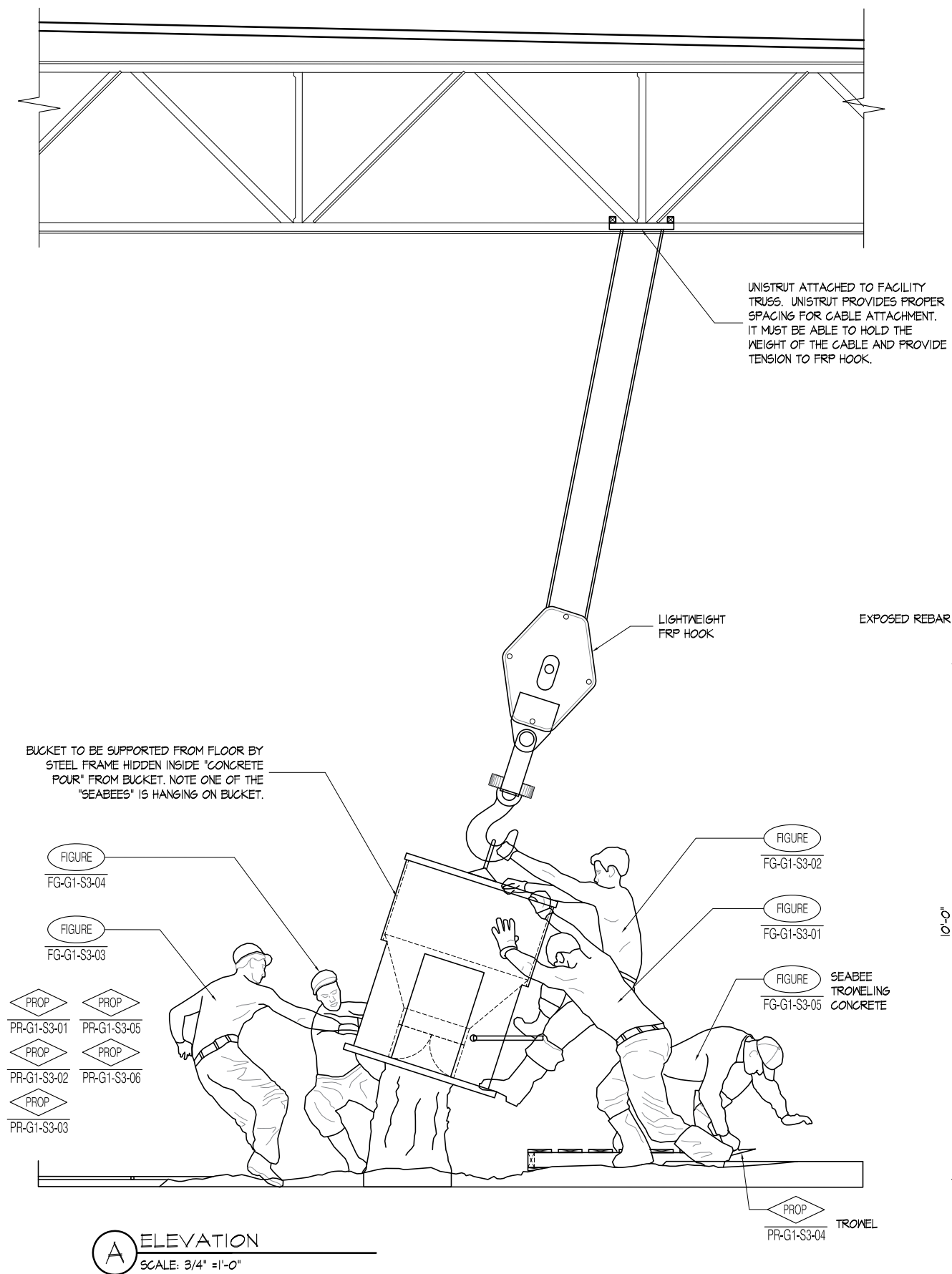
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2 PHOTO REFERENCE

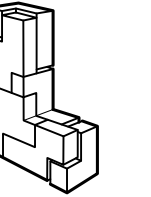
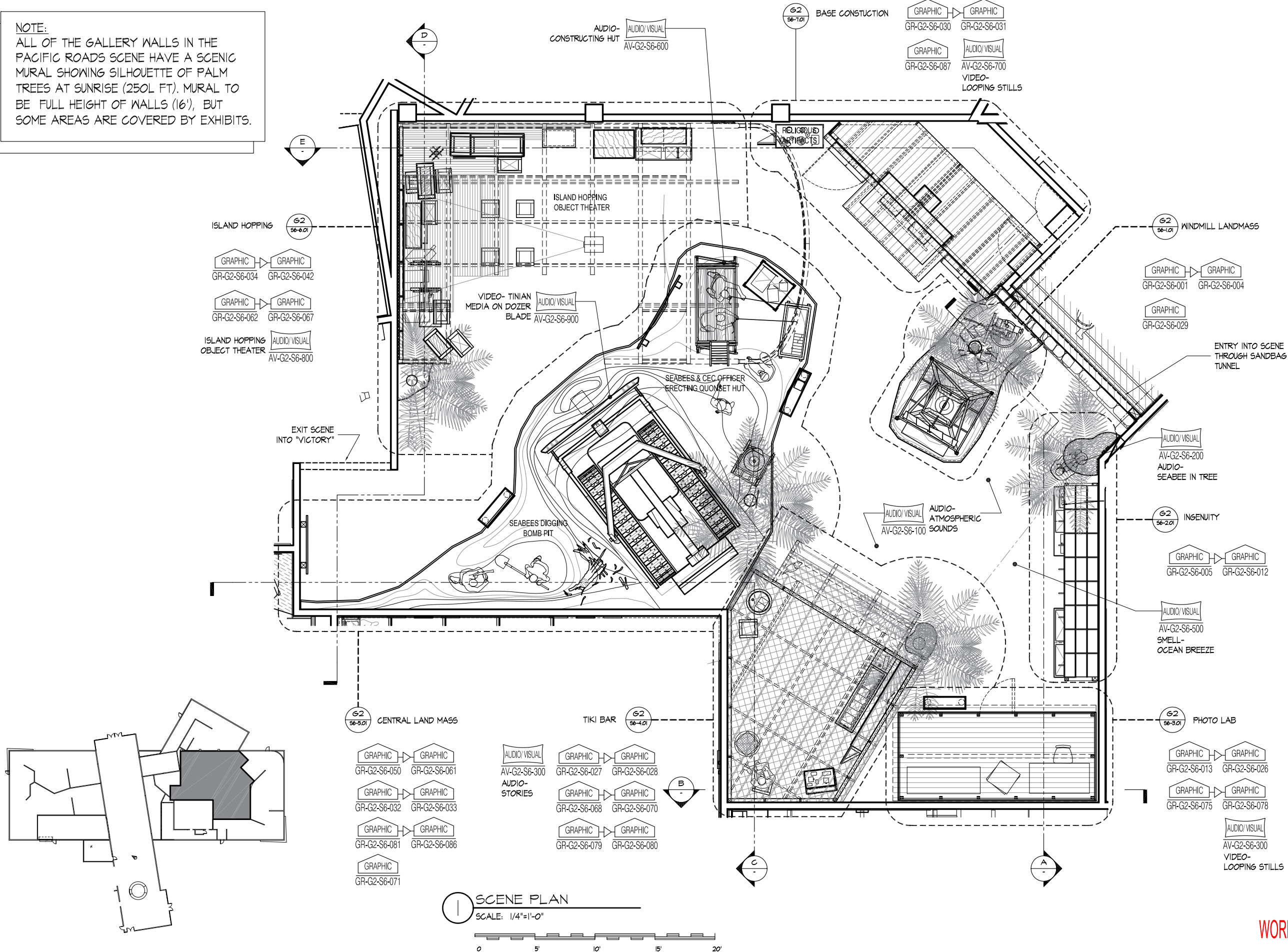
ICONIC PHOTO TO BE USED AS REFERENCE
TO FOR THE RECREATED SCENE. SCULPTURE
TOP BE LIFE SIZE AND LIFELIKE.



WORK IN PROGRESS

I:\2854 SEABEE MUSEUM\Design\CAD\2854-G2-S6-0.01_Pacific Roads Plan.dwg, G2-S6-0.01, 1/4/2012 12:49:56 PM, cbaurley, Adobe PDF, 1:2

NOTE:
ALL OF THE GALLERY WALLS IN THE
PACIFIC ROADS SCENE HAVE A SCENIC
MURAL SHOWING SILHOUETTE OF PALM
TREES AT SUNRISE (250L FT). MURAL TO
BE FULL HEIGHT OF WALLS (16'), BUT
SOME AREAS ARE COVERED BY EXHIBITS.



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COMPLETION / PHASE

DESIGN PHASE

DATE
DESCRIPTION OF REVISIONS

1

2

SCALE
As Noted

JOB #
2854

DRAWN BY
EC/ CB

DATE
4/26/2010

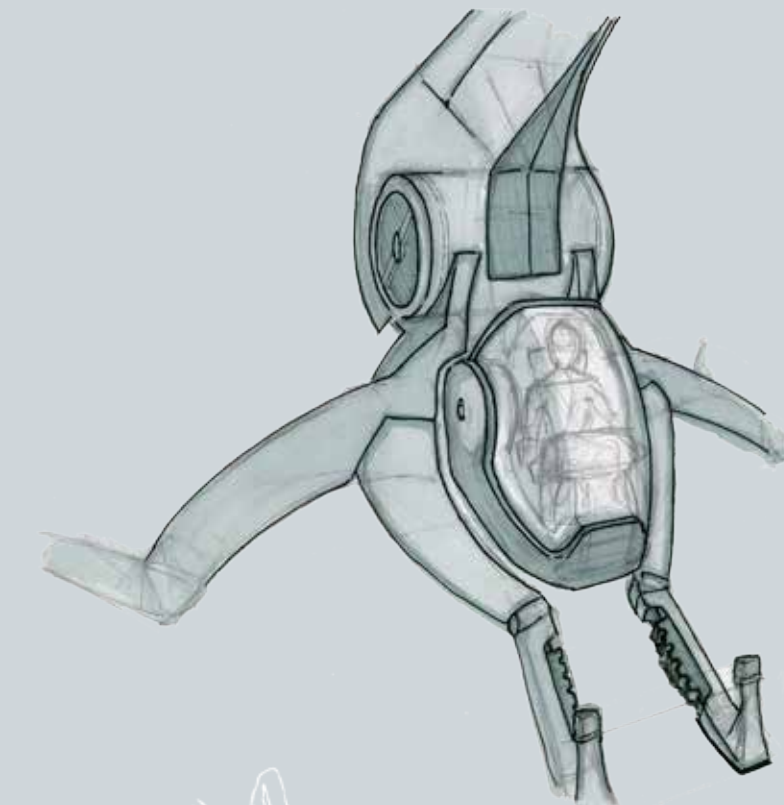
DRAWING TITLE

G2 WWII
S6 PACIFIC ROADS
SCENE PLAN

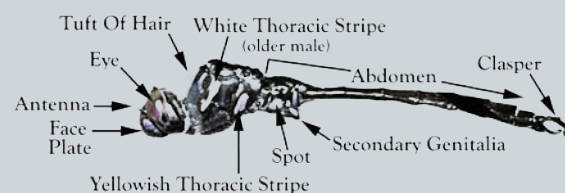
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SHEET NO.
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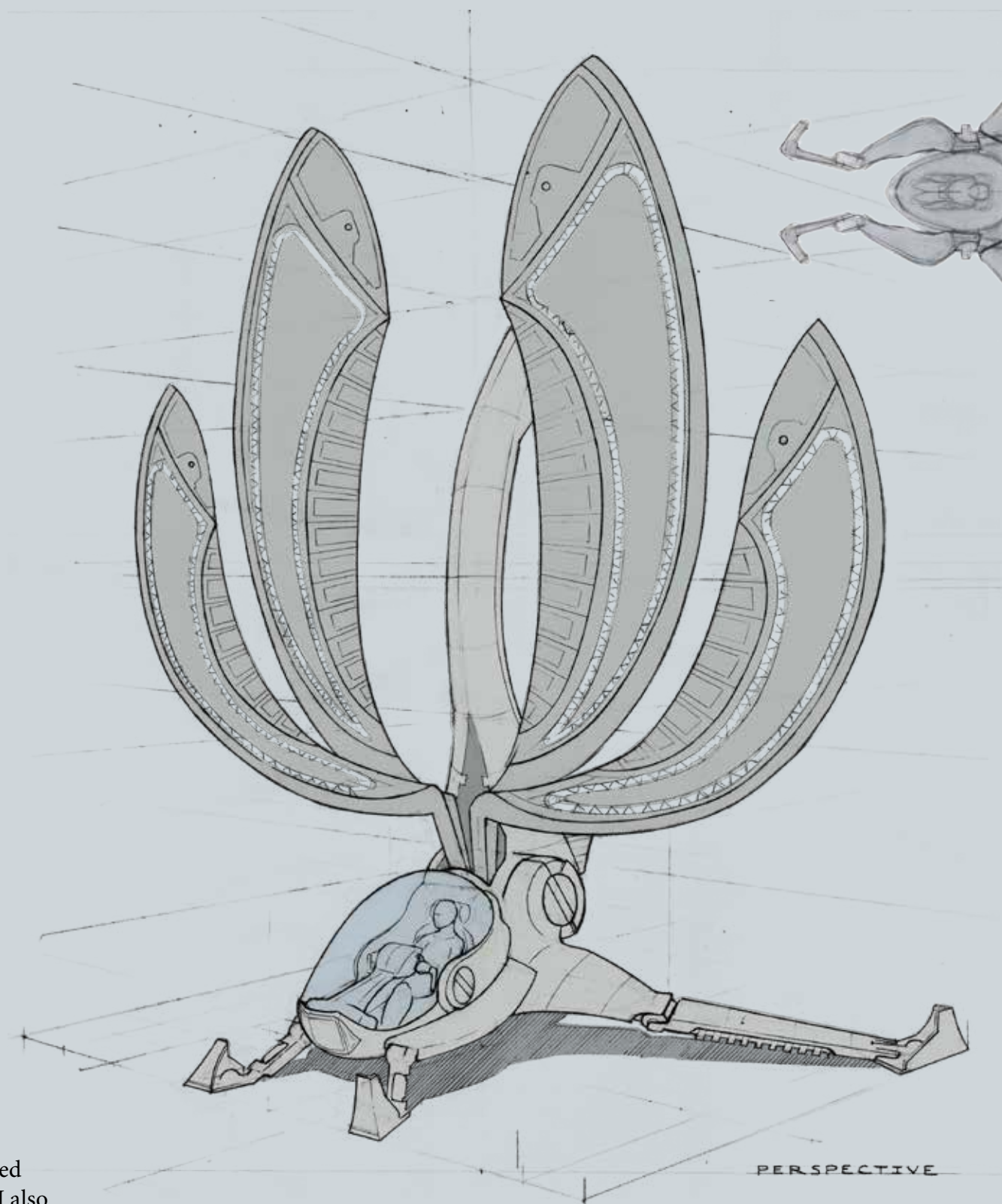
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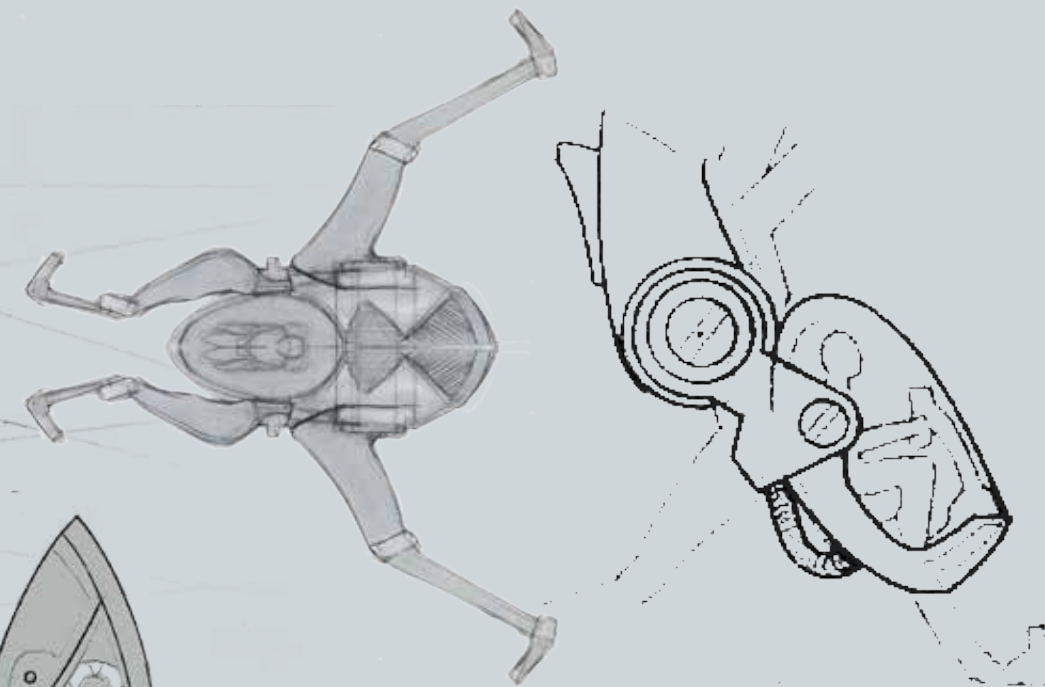
Research



Before starting, I researched insects and how they fly. I also researched current man made attempts at an ornithopter.



I went through many variations and configurations trying to hone my design down to something I really liked. Often times I didn't want to spend too much time on any one rendering. I'd take short cut methods such as mirroring my front views and using photoshop to color in quick sketches. I'd also use markers as a means of getting a better idea of where designs were headed.



ORNITHOPTER

Nature has shown us that flying insects have a remarkable ability to lift off, maneuver, and land on any surface; these abilities far out-weigh anything man-kind has devised in terms of transportation. I propose to design an ornithopter capable of transporting one to two persons. This aircraft will attempt to mimic these attributes by modeling a mechanical aircraft from a biological marvel, the dragonfly. The vehicle's primary purpose is research and proof of concept. However, the craft will be designed with rescue missions in mind; the idea being, go where helicopters can't: vertical surfaces and access from below a target.



