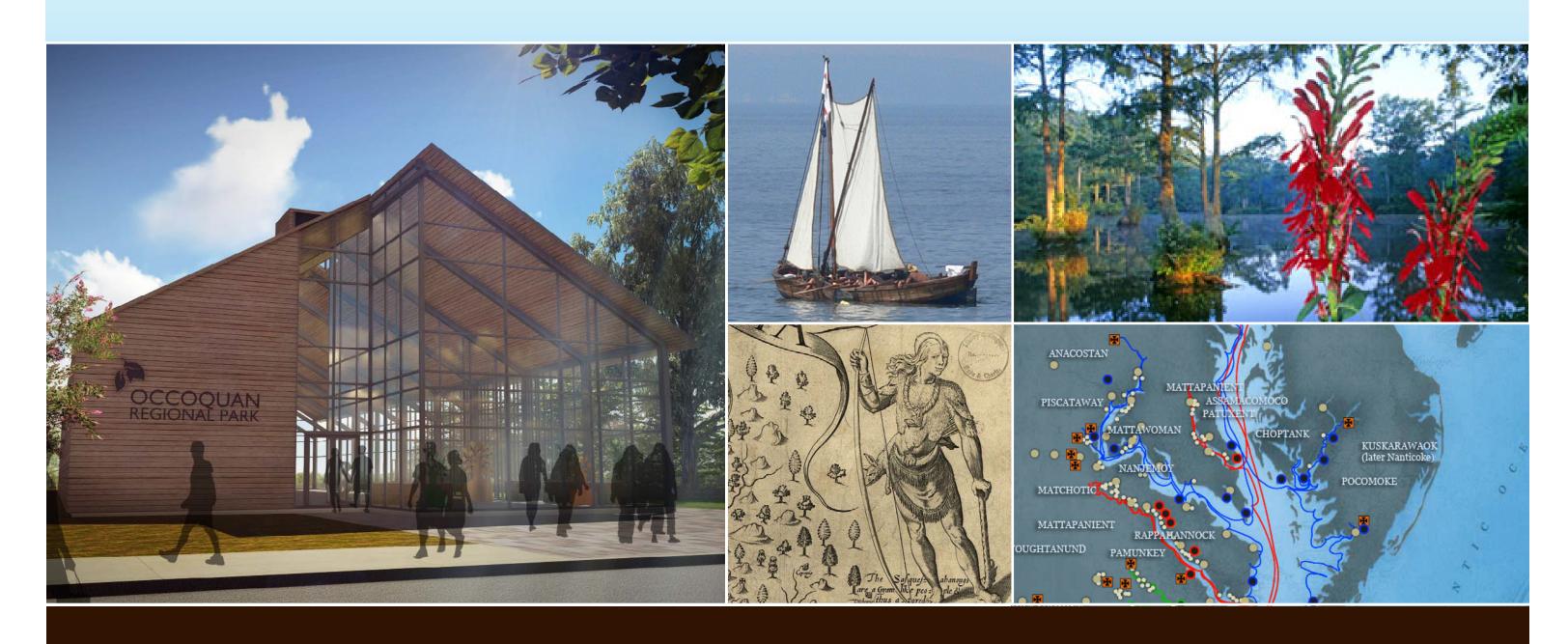
BID DOCS

Jean R. Packard Occoquan Center | Occoquan Regional Park, Virginia



o designminds

General Notes

Owner's Responsibilities: The client/owner has reviewed the Contract Documents and approves the design, including the materials, suggested fabrication methods, and intent. It is the client's responsibility to review and accept or reject any revisions the fabricator makes to these drawings. The client may delegate to The Design Minds, Inc., approvals authority.

2. Contract Documents:

The Contract Documents, including but not limited to this drawing set, are not for construction. The design and requirements shown or noted are intended only to establish the visual design concept and intent. The Fabricator is repsonsible for verifying site conditions and for fabricating the entire exhibit making any modifications and additions necessary, but not explicitly described, to fulfill the requirements in accordance with visual design concept and intent as described in the Contract Documents.

Shop Drawings:

Prepare detailed shop drawings of all components based on verified site conditions. Show design, material types, sizes, finishes, colors, dimensions, connections to adjacent work, consideration for thermal and moisture movement, anchorage to structures, and manufacturers' part numbers. Submit shop drawings to Owner and Designer for review. Designer will review for compliance with contract documents. Owner will approve or reject submittals.

Abbreviations:

@	٨٠	ID	Inside/interior diameter
@	At November	in.	Inch
#	Number	info.	Information
&	And	int.	Interior
AFF 	Above finished floor	lam.	Laminate
alt.	Alternative		
approx.	Approximate, approximately	lin.	Linear
arch.	Architecture	mat.	Material
bldg.	Building	max.	Maximum
blk.	Block, blocking	MB	Machine bolt
bot.	Bottom	MDF _.	Medium density fiberboard
byd.	Beyond	mech.	Mechanical
cab.	Cabinet	min.	Minimum
C to C	Center to center	misc.	Miscellaneous
CL	Center line	mldg.	Molding
clg.	Ceiling	MS	Machine screw
clr.	Clear	mtl.	Metal
CMS	Countersunk machine screw	NIC	Not in contract
CMU	Concrete masonry unit(s)	no.	Number
col.	Column	nom.	Nominal
conc.	Concrete	NTS	Not to scale
cont.	Continuous	OA	Overall
cont'd.	Continued	OC	On center
cntsk.	Countersink, countersunk	OD	Outside diameter
CWS	Countersunk wood screw	ovhd.	Over head
D	Deep (dimension)	perf.	Perforated
det.	Detail	perp.	perpendicular
diag.	Diagonal	plam.	Plastic laminate
diag.	Dimension	plywd.	Plywood
dn.	Down	ptd.	Painted
dr.	Door	prelim.	Preliminary
		R	Radius
dwg.	Drawing	rec.	Receive
(E)	Existing	reqd	Required
ea.	Each	rev.	Revised, revision
elev.	Elevation	RHS	Round head screw
elec.	Electrical	sect.	Section
eq.	Equipment	sim.	Similar
est.	Estimated	_	
EW	Each way	spec.	Specifications
exp.	Exposed	sq.	Square
ext.	Exterior	SS	Stainless steel
FF	Finish floor	std.	Standard
FH	Flat head screw	stl.	Steel
fin.	Finish, finished	struct.	Structural
fl.	Floor	sub.	Substitute
ft.	Foot/feet	sym.	Symetrical
ftg.	footing	temp.	Temporary
galv.	Galvanized	TOW	Top of wall
gen.	General	typ.	Typical
ĞC	General Contractor	var.	Varies, variable
GWB	Gypsum Wall Board	vert.	Vertical
Н	High (dimension)	W	Wide (dimension)
hdwd.	Hardwood	w/	With `
hor.	Horizontal	w/o	Without
ht.	Height	wd.	Wood
110	. 10.911		

Finish Schedule



Coordinate paint color with designer and ongoing building signage efforts



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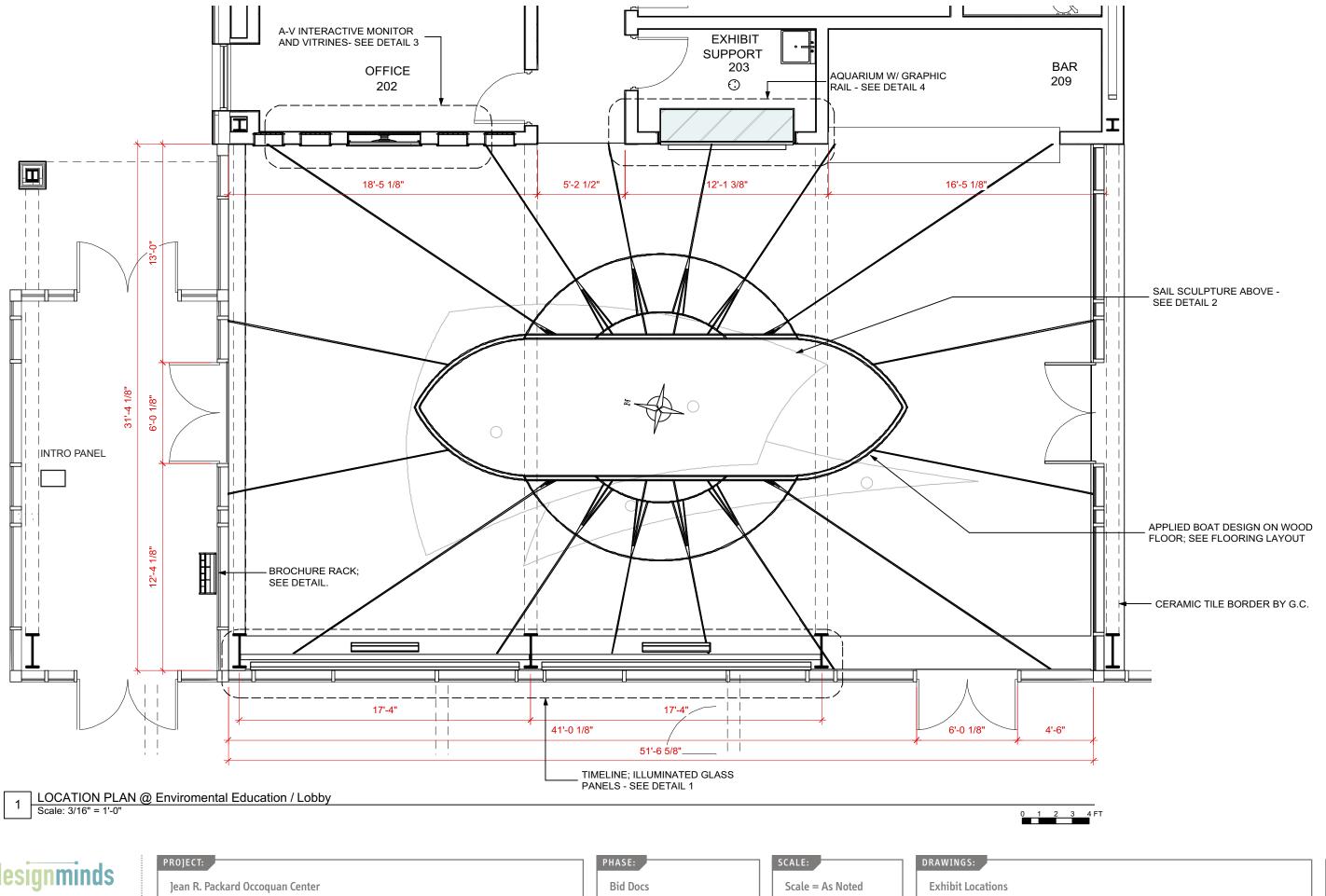
PHASE:

Bid Docs February 17, 2017

Scale = As Noted

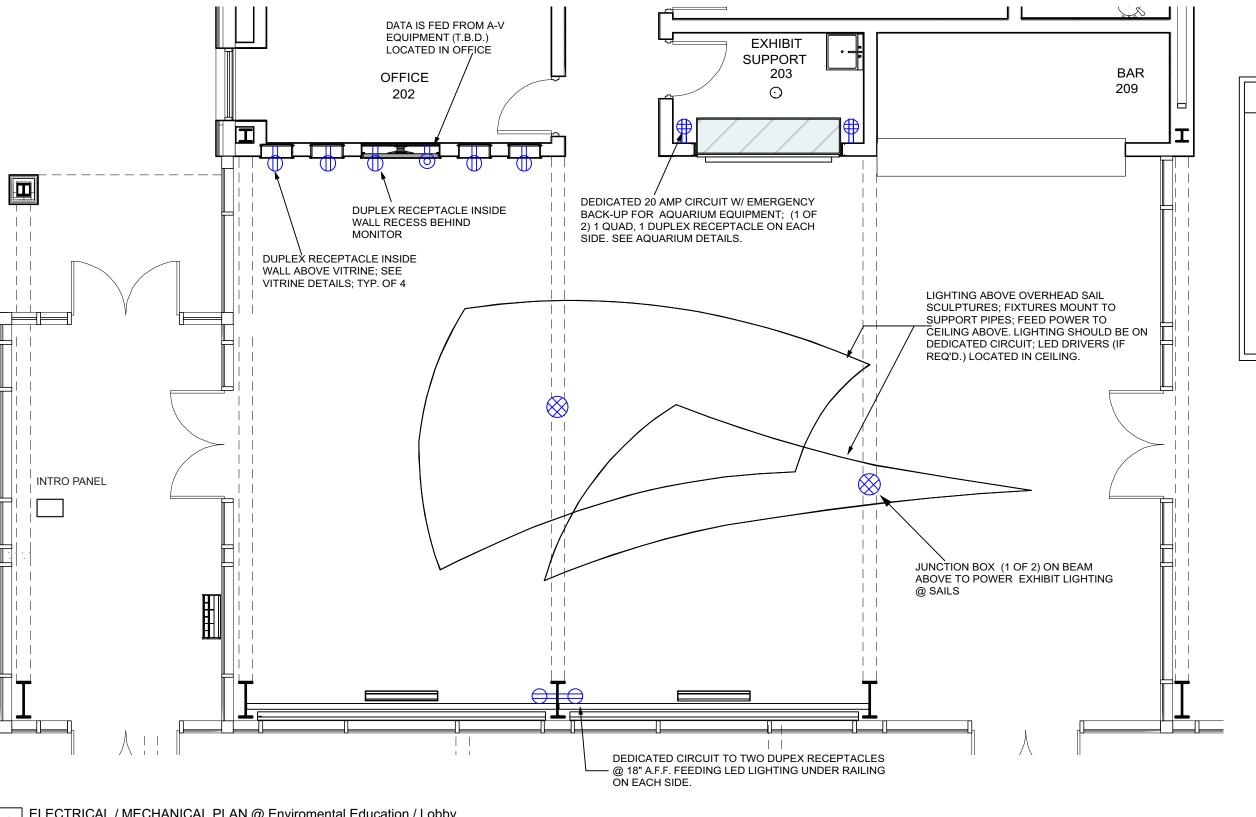
DRAWINGS:

General Notes / Finish Schedule



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February 17, 2017



ELECTRICAL NOTES

ALL POWER FOR EXHIBITRY INCLUDING OVERHEAD EXHIBIT LIGHTING, GLASS WALL, AQUARIUM, MONITOR, DISPLAY CASES TO BE ON DEDICATED CIRCUITS.

COORDINATE LOCATIONS, SPECIFICATIONS, AND QUANTITES OF SWITCHES, DIMMERS, TIMERS, AND OTHER EXHIBIT CONTROLS WITH CLIENT, DESIGNER, AND G.C.

CLIENT TO DETERMINE REQUIREMENTS FOR PROGRAMMING AND SWITCHING OF LIGHTING TO MEET DAILY AND SPECIAL EVENT REQUIREMENTS.

ELECTRICAL KEY

DUPLEX OUTLET (WALL) (110 V)



QUAD OUTLET (WALL)(110V)



WALL OUTLET (DATA)



FLOOR OUTLET (DATA)



JUNCTION BOX

ELECTRICAL / MECHANICAL PLAN @ Environmental Education / Lobby Scale: 3/16" = 1'-0"

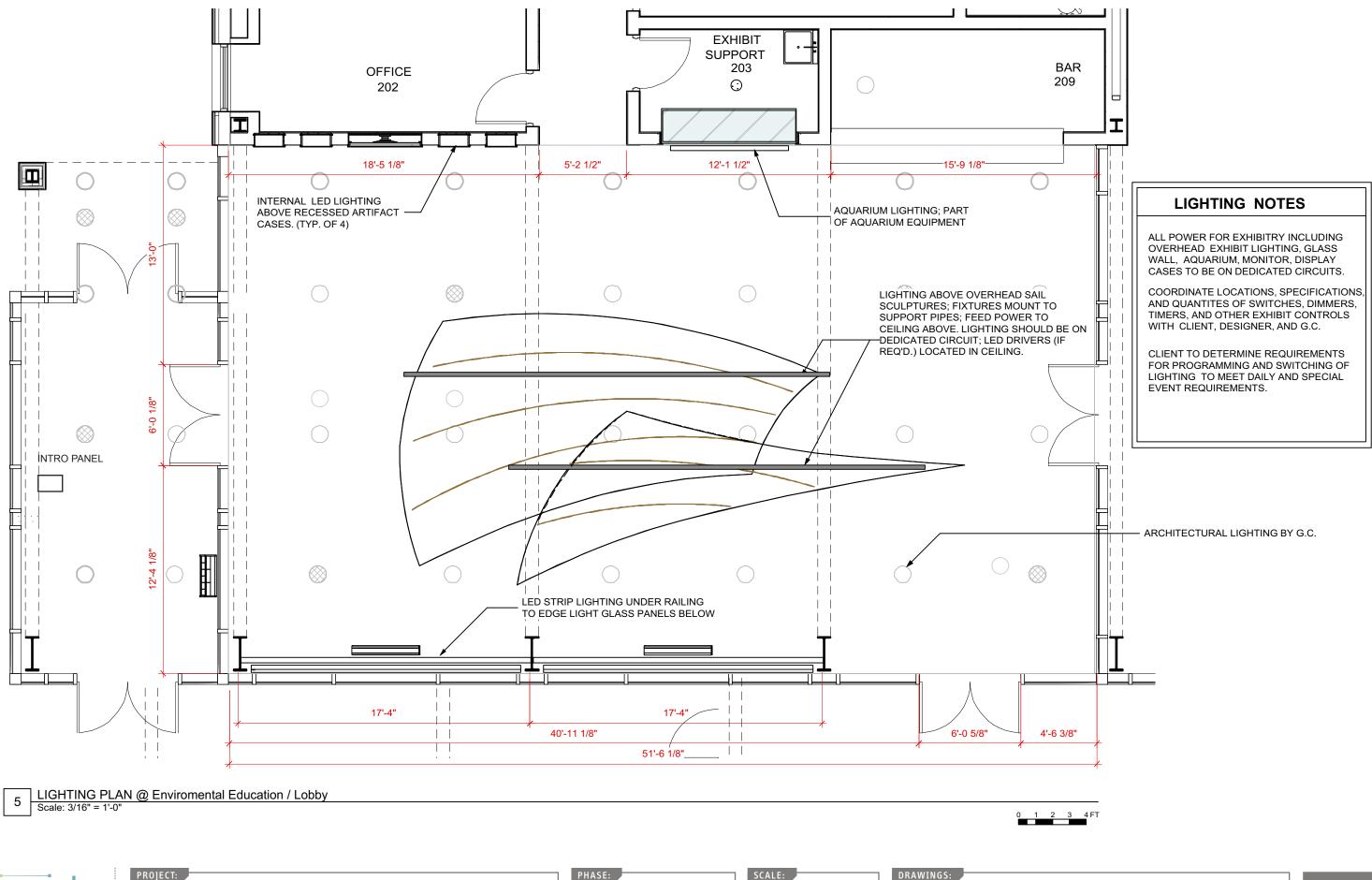


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PHASE: Bid Docs February 17, 2017

Scale = As Noted

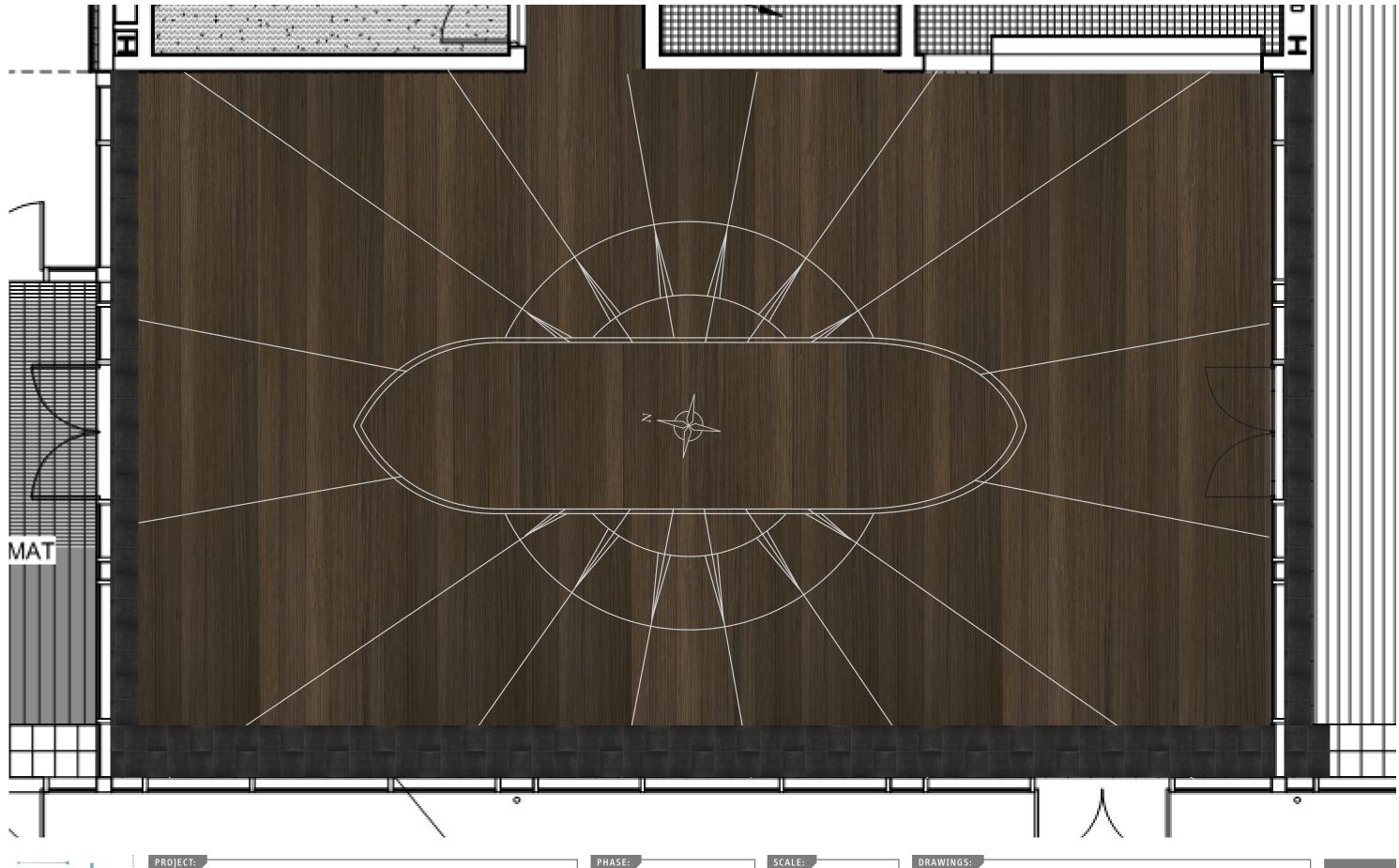
DRAWINGS: **Electrical Plan**





Bid Docs February 17, 2017 Scale = As Noted

Lighting Plan



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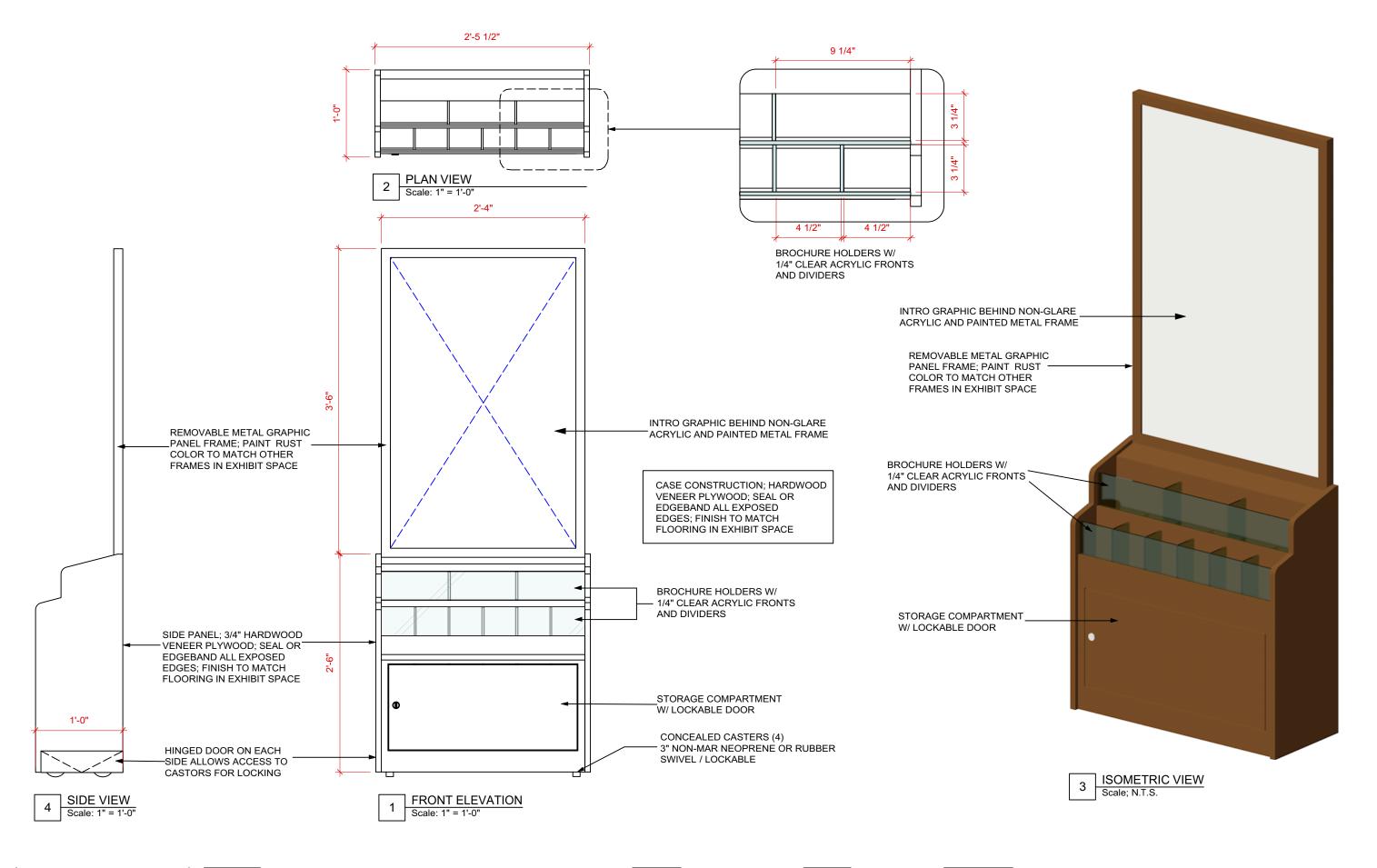
Jean R. Packard Occoquan Center

PHASE:

Bid Docs February 17, 2017 SCALE:

Scale = 1/4" = 1'-0"

Floor Treatment Layout

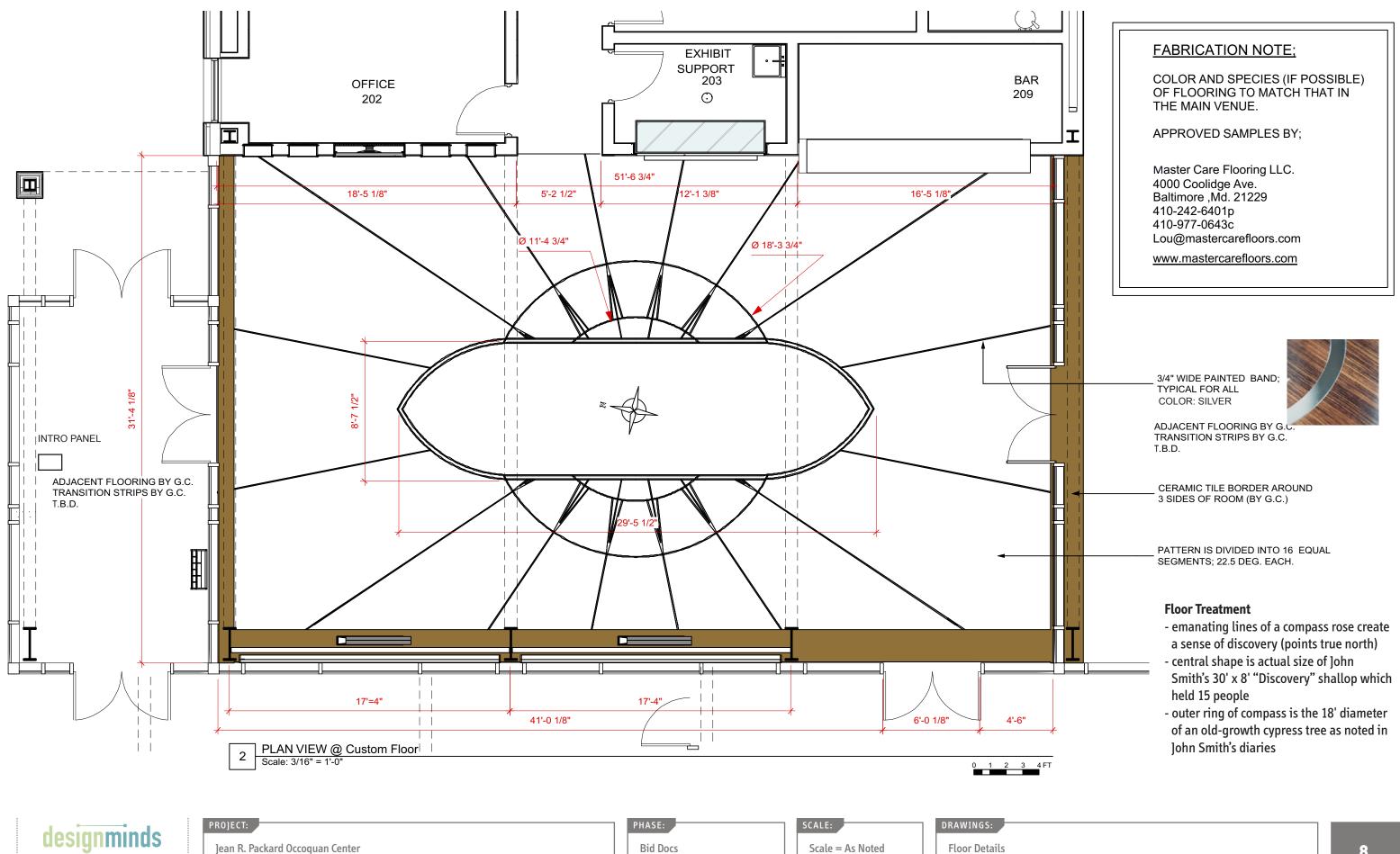




Bid Docs February 17, 2017

Scale = As Noted

INTRO PANEL



February 17, 2017

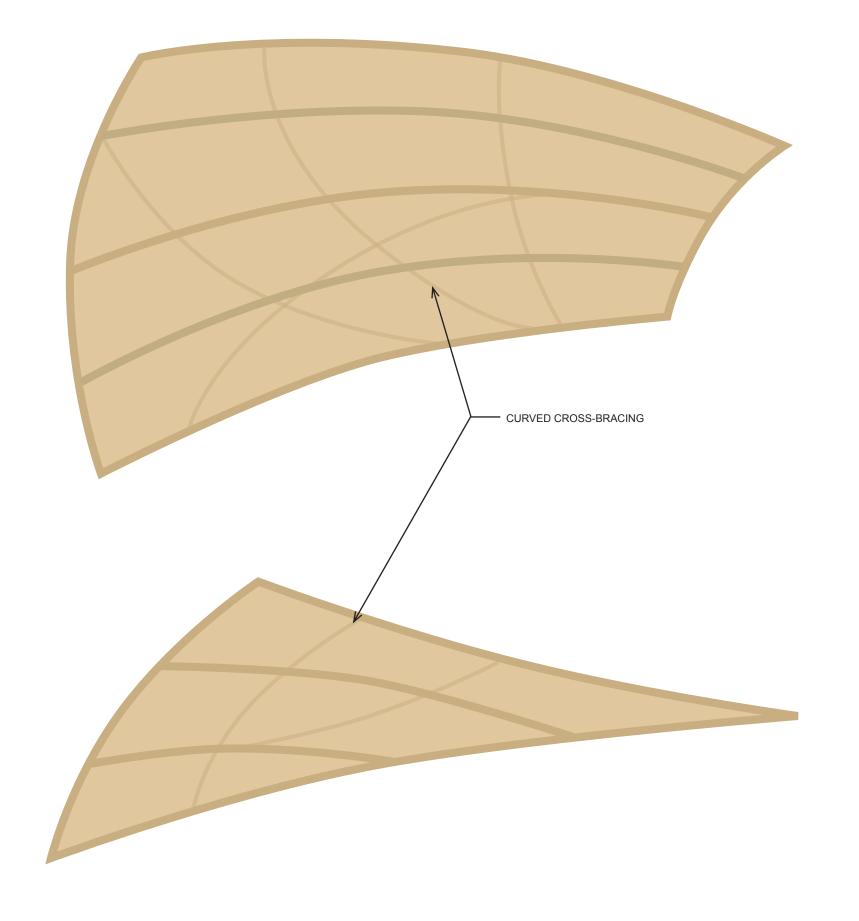
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CONCEPTUAL RENDERING See drawings for details.





Reference Photo

Sampling required in combination with lighting. Initial selection for texture and transparency: Moss Eco Poly Duck White

Coordinate with Designer.

PROJECT:

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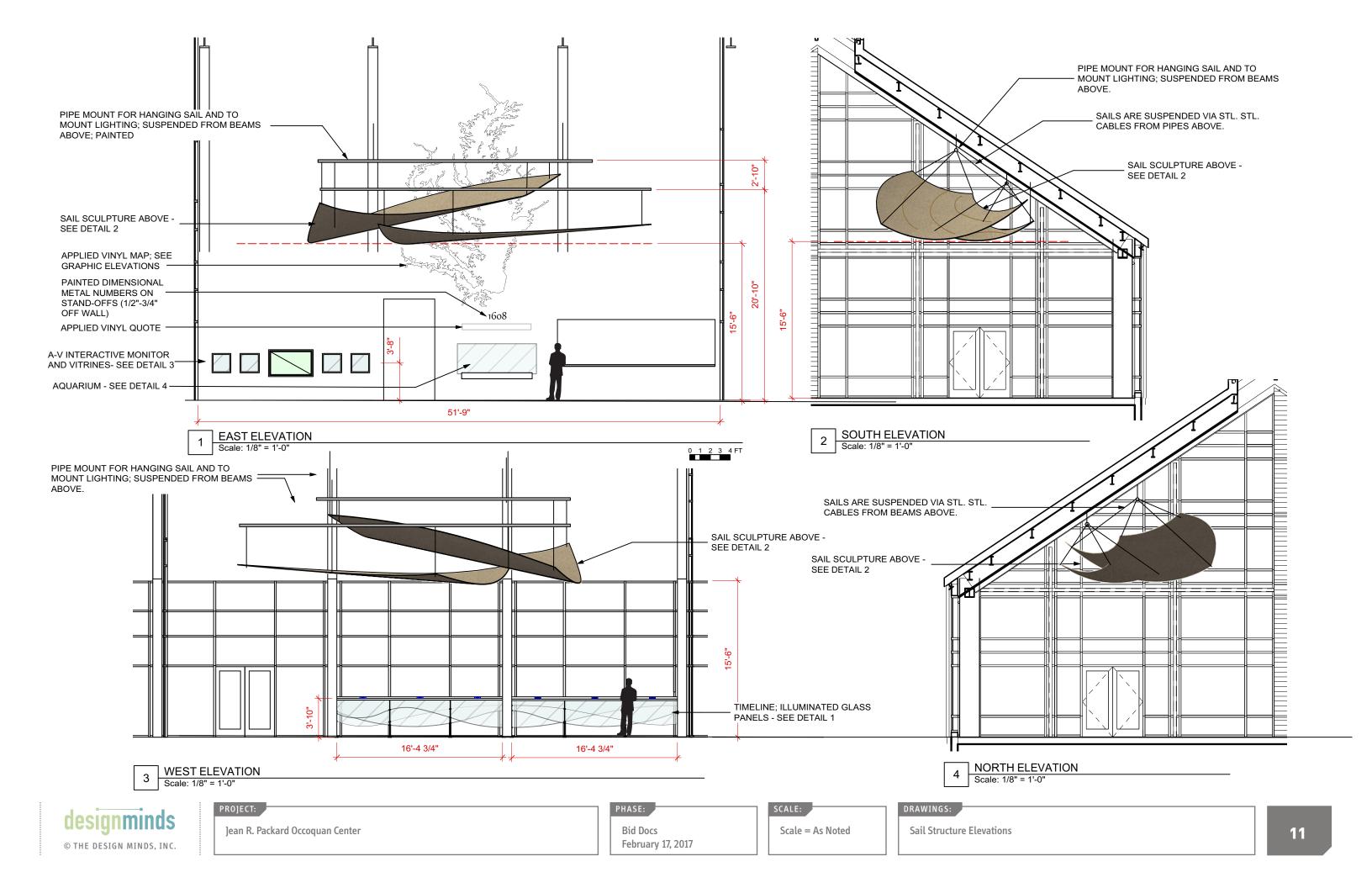
PHASE:

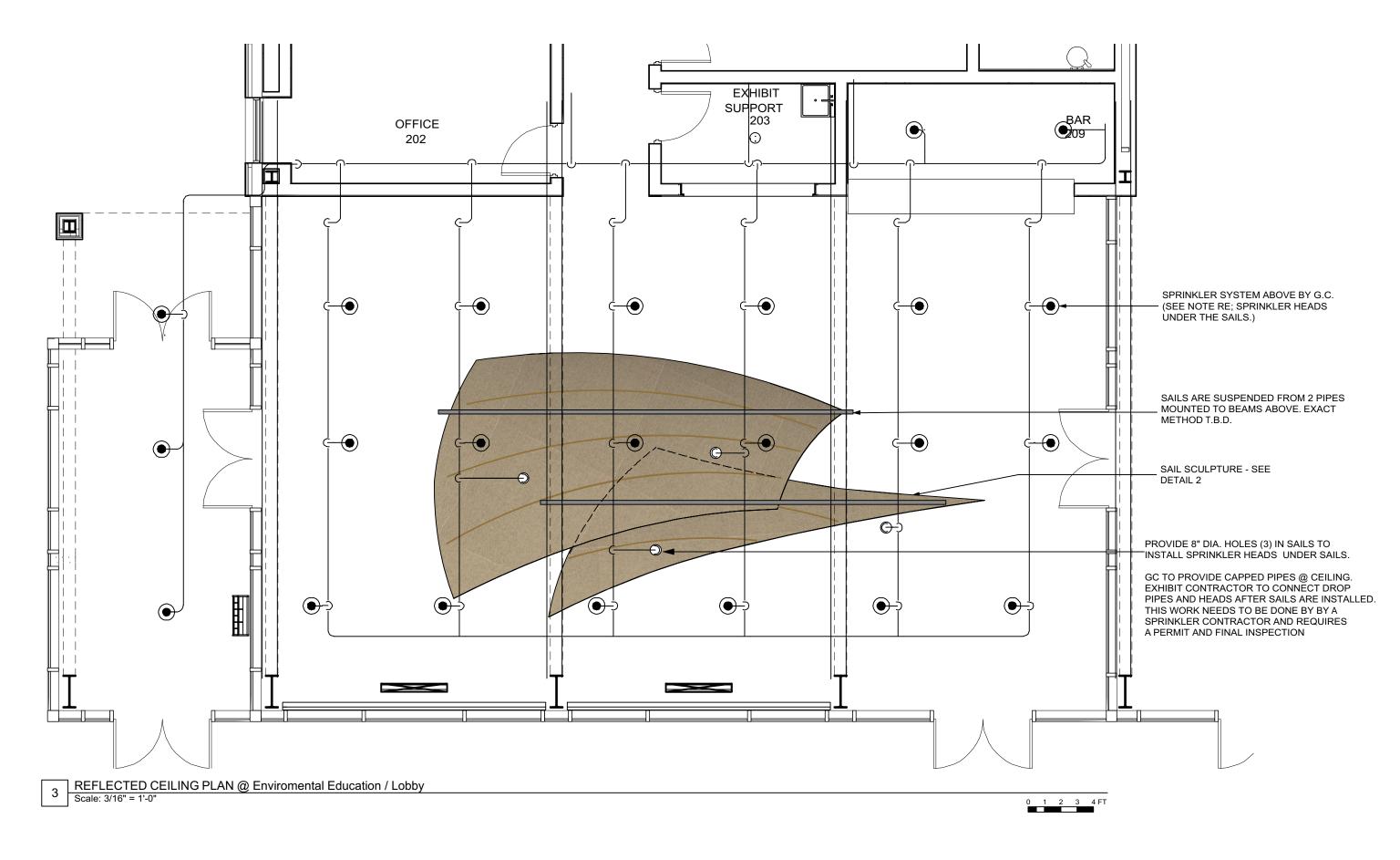
Bid Docs February 17, 2017 SCALE

Scale = As Noted

DRAWINGS:

Sail Structure-Design



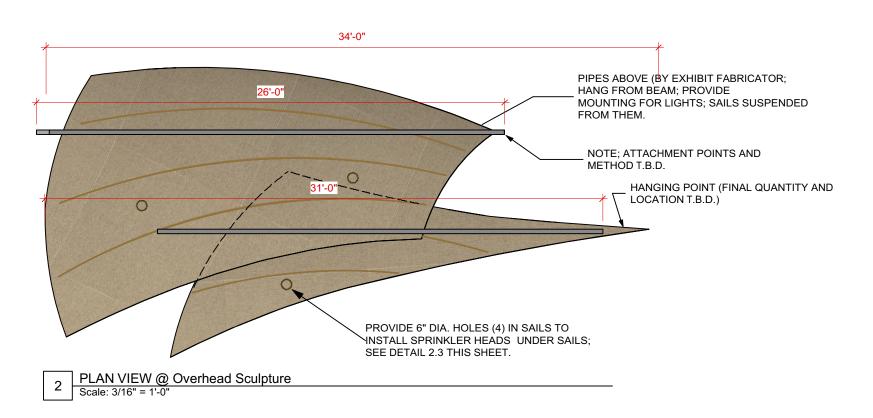


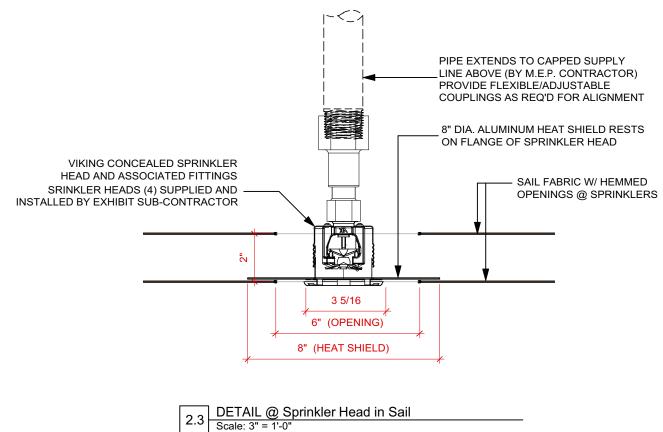


Bid Docs February 17, 2017

Scale = 1/4" = 1'-0"

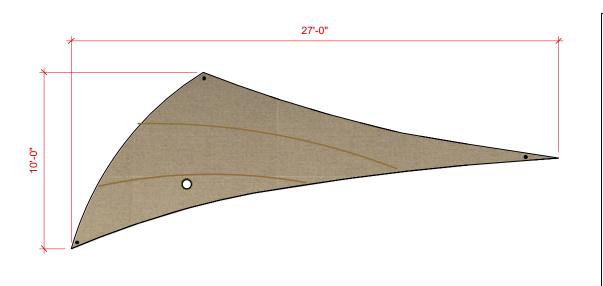
Sail Structures – Plan View





25'-0"

PLAN VIEW @ Upper Panel



FABRICATION NOTE;

PANELS ARE MOSS STRUCTURES W/ FRAMES AND STIFFNERS AS REQIRED TO MAINTAIN SHAPE; STITCHING AND FABRIC TO RESEMBLE PERIOD SAILS. HOLES IN FABRIC PROVIDED FOR SPRINKLER HEADS AS REQ'D.

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www.mossretail.com

2600 Elmhurst Road Elk Grove Village IL 60007

2.2 PLAN VIEW @ Lower Panel Scale: 3/16" = 1'-0"

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Scale: 3/16" = 1'-0"

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Bid Docs February 17, 2017

Scale = As Noted

DRAWINGS:
Sail Structures—Details

X EYEBOLT RN RIV-NUT

NOTES:

2" TUBE PERIMETER FRAME

1.25" TUBE 1/2" FUBE SPREADERS

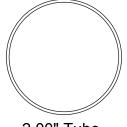
[0] CLIPS

[SEE LABELS] HANGPOINTS

SKIN CONSTRUCTION: PILLOWCASE CLEANFIT

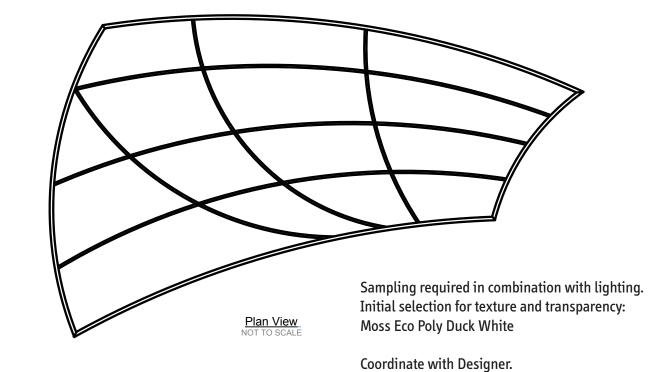
FABRIC TYPE: MOSS ECO POLY DUCK WHITE

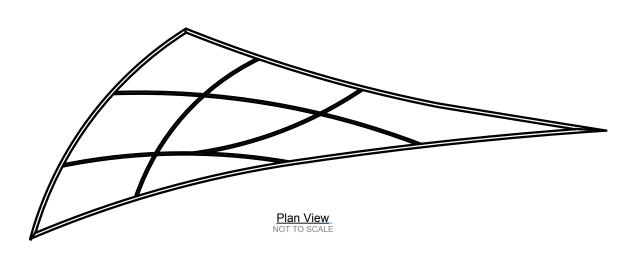
LINER: TBD



2.00" Tube 4000161 PERIMETER RAIL







USE THIS DRAWING FOR FINAL LAYOUT AND DESIGN



PROJECT:

Jean R. Packard Occoquan Center

PHASE:

Bid Docs February 17, 2017 SCALE:

Scale = As Noted

DRAWINGS:

Sail Structure Details

USE THIS DRAWING FOR SIZES OF SAILS ONLY

X EYEBOLT RN RIV-NUT

NOTES:

2" TUBE PERIMETER FRAME

1.25" TUBE / 1/2" TUBE SPREADERS

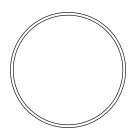
[0] CLIPS

[SEE LABELS] HANGPOINTS

SKIN CONSTRUCTION: PILLOWCASE CLEANFIT

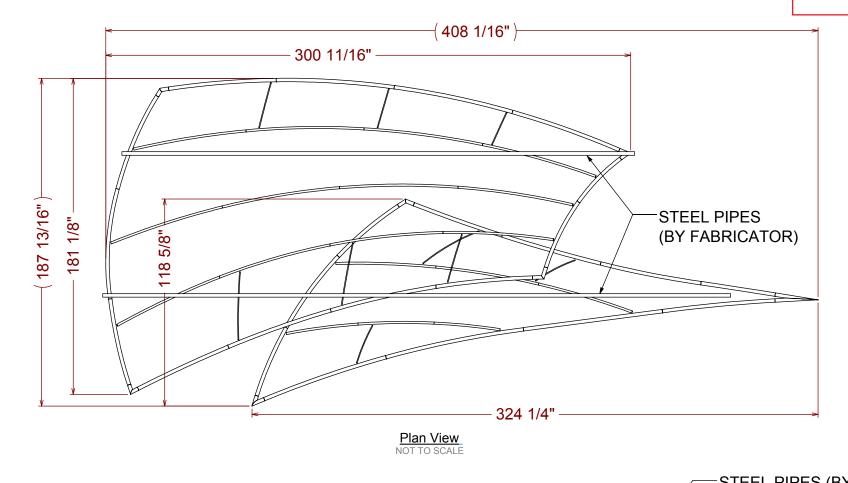
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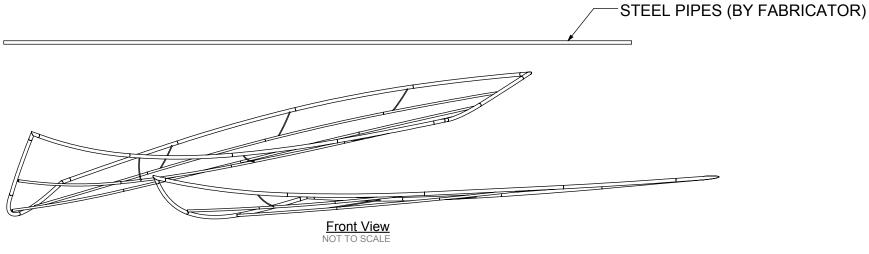
LINER: TBD



2.00" Tube 4000161 PERIMETER RAIL









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Bid Docs February 17, 2017

Scale = As Noted

DRAWINGS:

Sail Structure Details

X EYEBOLT RIV-NUT

NOTES:

2" TUBE PERIMETER FRAME

1.25" TUBE / 1/2" TUBE SPREADERS

[0] CLIPS

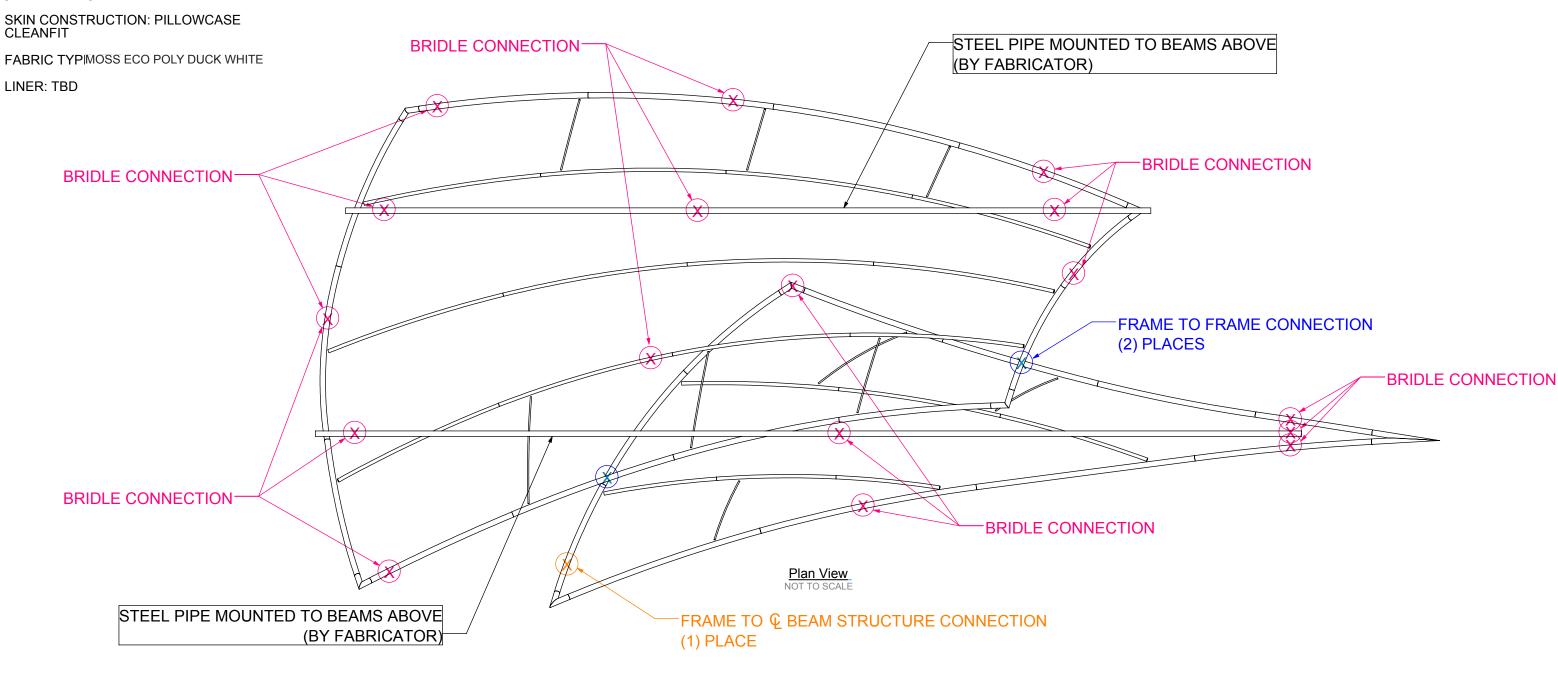
[SEE LABELS] HANGPOINTS

X = FRAME TO & BEAM STRUCTURE CONNECTION VIA ADJUSTABLE CABLE

X = FRAME TO STEEL PIPE CONNECTION VIA ADJUSTABLE CABLE

X = FRAME TO FRAME CONNECTION VIA CABLE

USE THIS DRAWING FOR HANGING POINTS ONLY





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Bi

Bid Docs February 17, 2017 Scale = As Noted

Sail Structure Details

John Smith sailing down river **John Smith meeting Dogue Indians** Dogue Indians living along river's edge flora/fauna

First Chesapeake Voyage

JUNE 18-JULY 16 - EXPLORATION OF PATAWOMECK (POTOMAC RIVER) WITH STOPS AT NATIVE TOWNS.

"The fourth river is called Patawomeke and is 6 or 7 miles in breadth. It is navigable 140 miles, and fed as the rest with many sweet rivers and springs, which fall from the bordering hills....The river is inhabited on both sides....Moyawance with 100 [able men].'

- Captain John Smith, 1612

Smith's crew explores the Patawomek (Potomac) River, stopping at native towns, where they found "like encounters [hostile at first]... at Patowomek, Cecocawonee, and diverse other places, but at Moyaones, Nacotchtant and Toags the people did their best to content us."

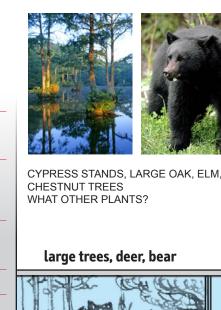
"Having gone so high as we could with the boat [Little Falls of the Potomac] we met divers savages in canoes well loaden 60 with flesh of bears, deer, and other beasts, whereof we had part." The party proceeds on foot to Great Falls, searching in vain for precious minerals. Later the local Patawomek chief provides guides to take them up Aguia Creek to show the mining of matchgueon. This black ore with silvery grains is the source of a silvery paint Smith calls antimony, a body decorative valued by the natives but of no interest to Europeans.

While returning downriver to the mouth of the Patawomek (Potomac) "we found in divers places that abundance of fish lying so thick with their heads above the water as for want of nets (our barge driving amongst them) we attempted to catch them with a frying pan, but we found it a bad instrument to catch fish with: Neither better fish, more plenty, nor more variety for small fish had any of us ever seen in any place so swimming in the water than in the Bay of Chesapeack, but they are not to be caught with frying pans!"

The explorers are ambushed at Nomini Creek. Smith's men fire their guns at a low angle to skip the shot across the water, and "the echo of the woods so amazed them as down went their bows and arrows."

JUST OUTSIDE THE POTOMAC:

Near the mouth of the Rapphannock, the crew "spied many fishes lurking in the weeds" and began catching them by nailing them to the ground with their swords. As Smith reachs to take one from his sword, he is impaled by "a most poisoned sting of two or three inches long, bearded like a saw on each side, which she struck into the wrist of his arm near an inch and a half.... The torment was instantly so extreme that in four hours had so swollen his hand, arm, and shoulder we all with much sorrow concluded his funeral and prepared his grave ..., as himself directed." The doctor on board applies "precious oil," and by night Smith's pain is so improved that he eats the fish for supper. "We called the island 'Stingray Isle' after the name of the fish"—today's Stingray Point.















CAPTAIN JOHN SMITH

WHAT OTHER PLANTS?

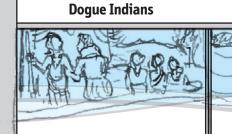
Dogue Indians living along river's edge

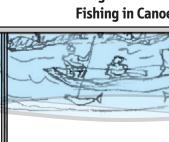
John Smith sailing down river, fishing





Abundant fish







CAPTION: ETCHING 01.01

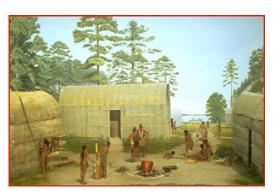
CAPTION: ETCHING 02.01

CAPTION: ETCHING 03.01

CAPTION: ETCHING 04.01

CAPTION: ETCHING 05.01

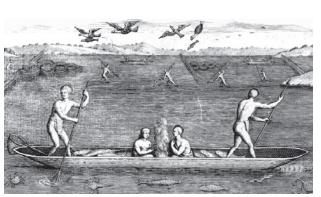
CAPTION: ETCHING 06.01







DOGUE INDIANS, FISHING IN CANOE



SPECIES TO HIGHLIGHT TBD Smith's journals are filled with descriptions of the bounty: "In sommer no place affordeth more plenty of sturgeon, nor in winter more abundance of foule...." Smith wrote. "Neither better fish, more plenty, nor more variety for small fish had any of us ever seen in any place... than in the Bay of Chesapeack."

Smith notes "many shoals lying in the entrances [where] we spied many fishes lurking in the reeds."

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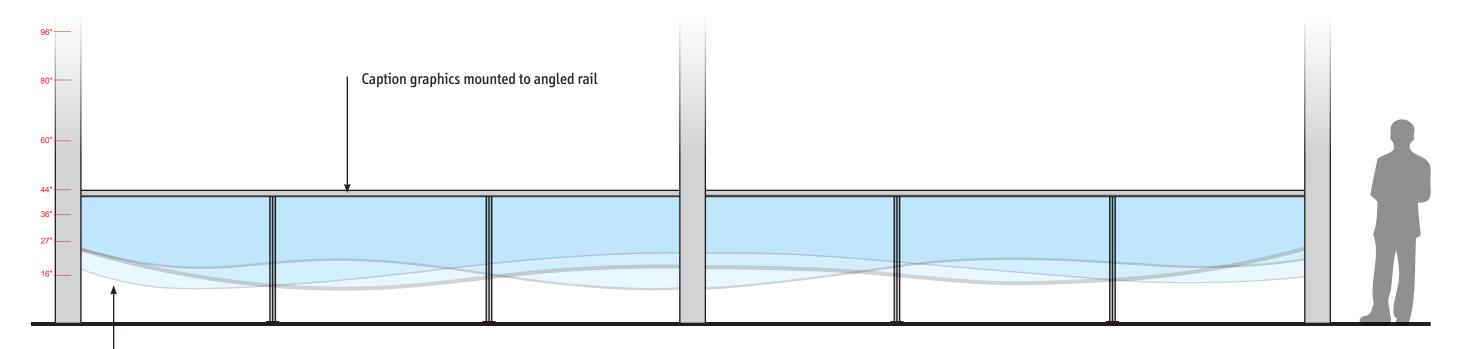
PHASE:

Bid Docs February 17, 2017

Scale = N/A

DRAWINGS:

West Wall, Glass 1608 Overview



Layer 1- 3/8" GAR Clear Acylic: Laser etched graphics on back surface Vendor: SmartDesign

Layer 2- 3/8" Solid Color 3Form Acrylic Coordinate samples and specifications with designer

Layer 3- 3/8" 3Form Acrylic

General Note:

- 1. Glass panels need to be remveable or accessible for cleaning
- 2. Exhibit will need to be locally turned on/off and dimmable



PROJECT:

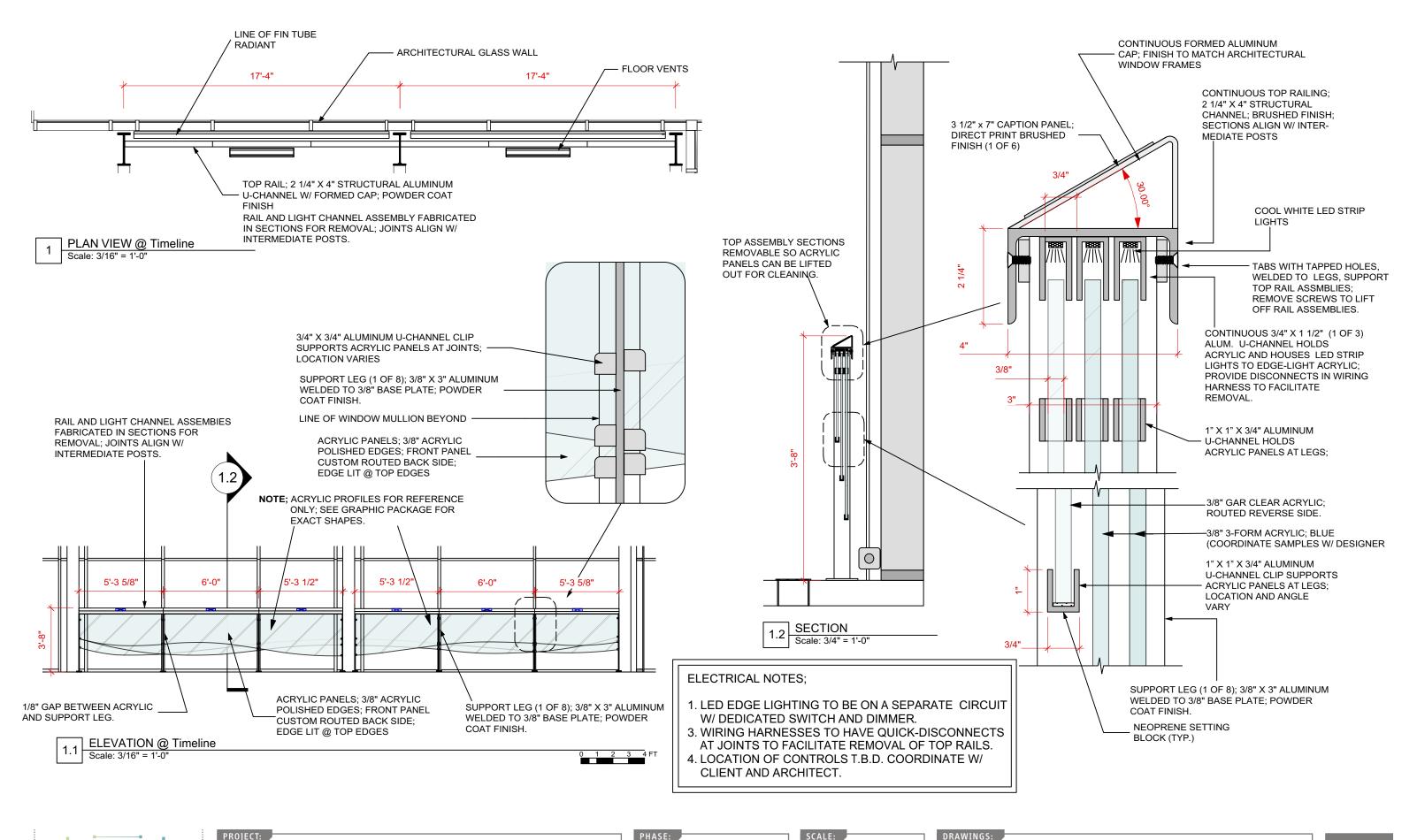
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PHASE:

Bid Docs February 17, 2017 Scale = N/A

DRAWINGS:

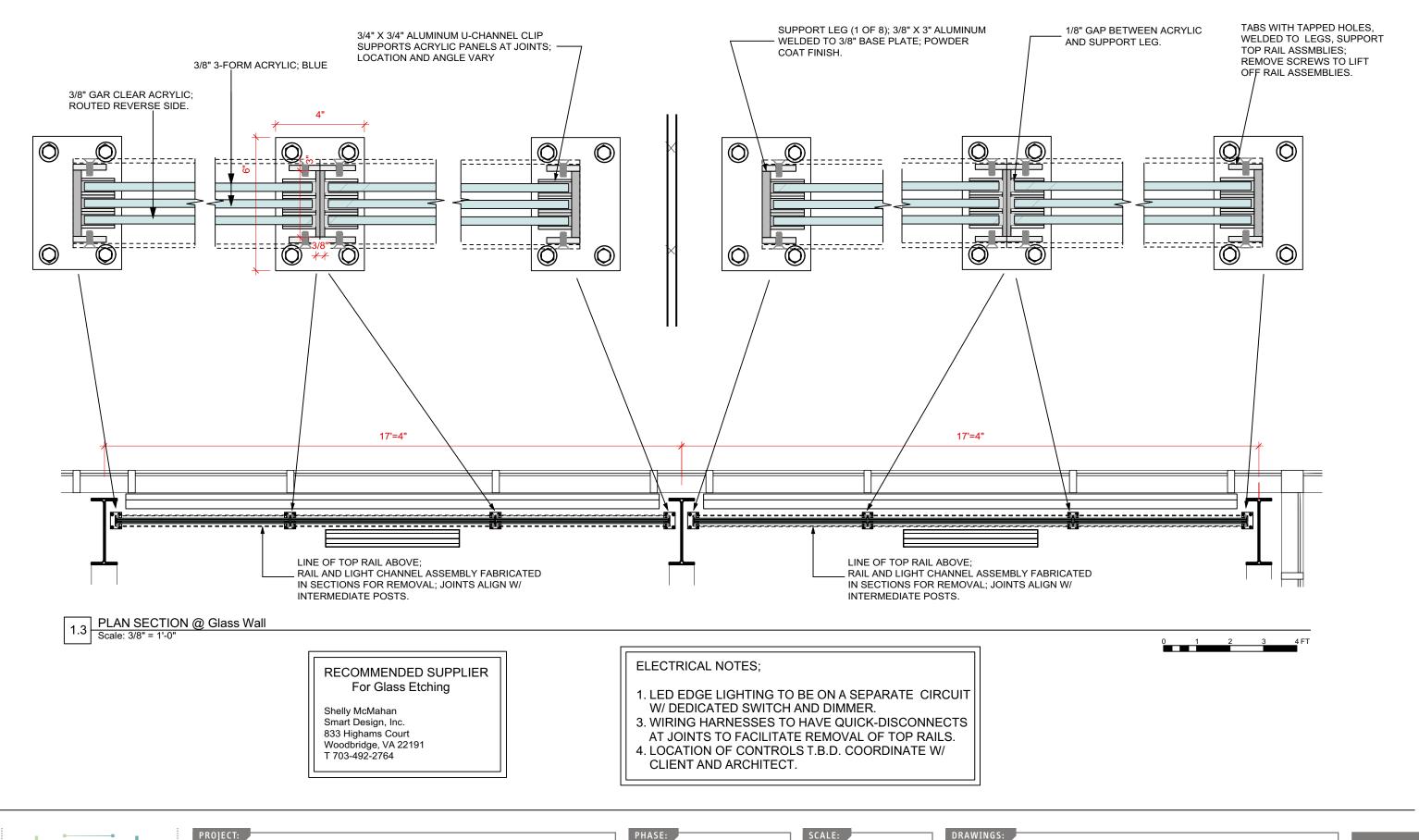
Glass Rail 1608 Overview





Bid Docs February 17, 2017 Scale = As Noted

Glass Rail Details



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PHASE:

Bid Docs February 17, 2017

Scale = As Noted

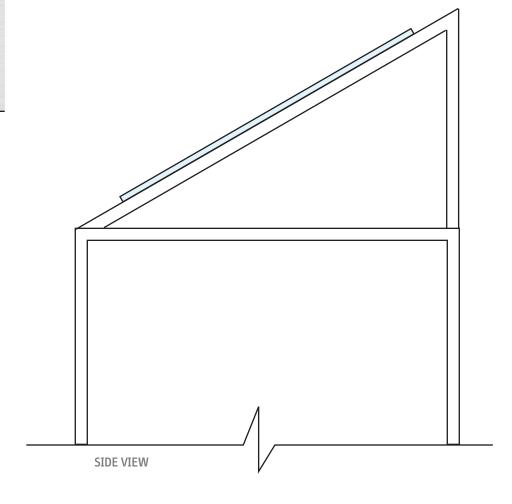
Glass Rail Details

John Smith meeting Dogue Indians

This is a paragraph comprised of fifty words. The text still needs to be written, and this should serve as a temporary placeholder only. This length is best for subtext or sidebars. Secondary messages on a panel, which support the main message. Sometimes, the main message can be fifty words.

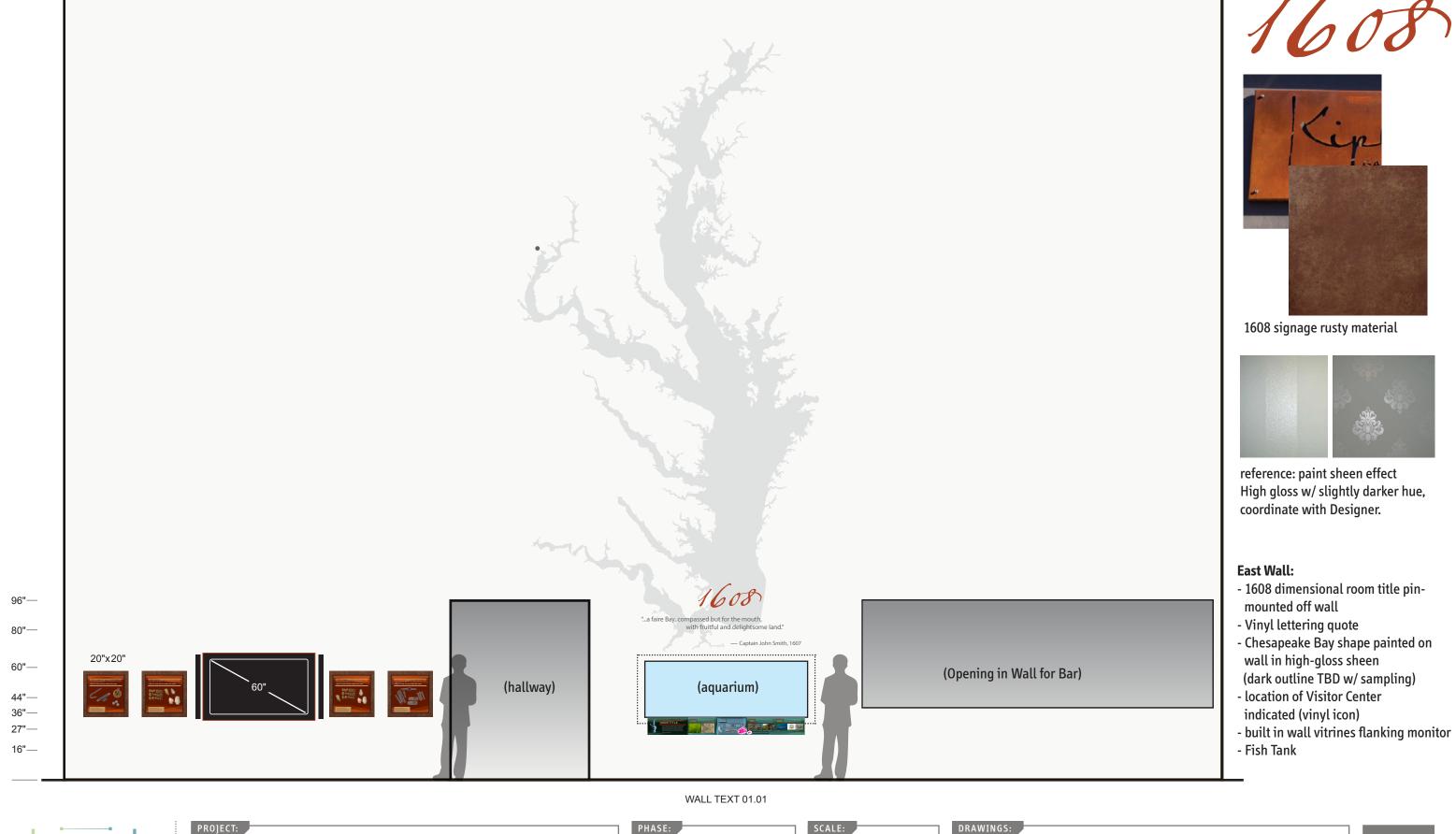
CAPTION PLAQUES
(DESCRIBE ETCHED-GLASS SCENE BELOW)
DIRECT-PRINT ON THIN ALUMINUM
SATIN FINISH, EASED CORNERS
APPLIED TO TOP OF RAIL

QUANTITY 6





ROJECI:



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PHASE:

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AV, Tank East Wall Elevation

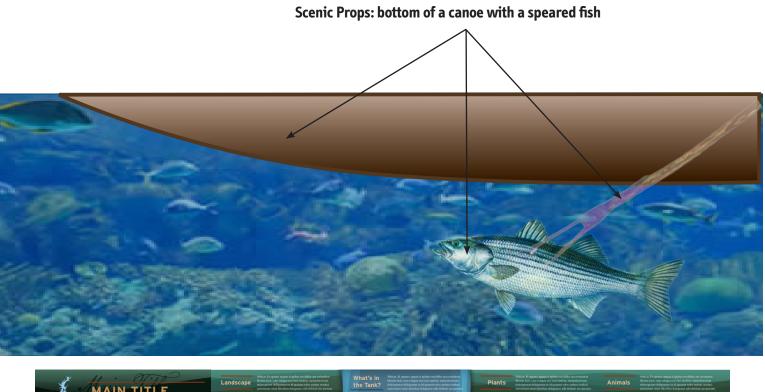
Fish Tank Graphic Background, Props, and Graphic Rail:

- fabricator to print and install tank backgroud graphic (must be coordinating with acqurium specilaist)
- -fabricator responsible for all props in the tank.
- HPL graphic reader rail (notes extinct fish and plants shown in tank graphic)
- Fish and tank accessories by others

Fish Tank Props:
Props to match reference images









HPL Reader Rail Graphic



ROJECI:

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PHASE:

Bid Docs February 17, 2017 Scale = N.A.

DRAWINGS:

East Wall, Fish Tank

84" x 9" Size



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PROJECT:

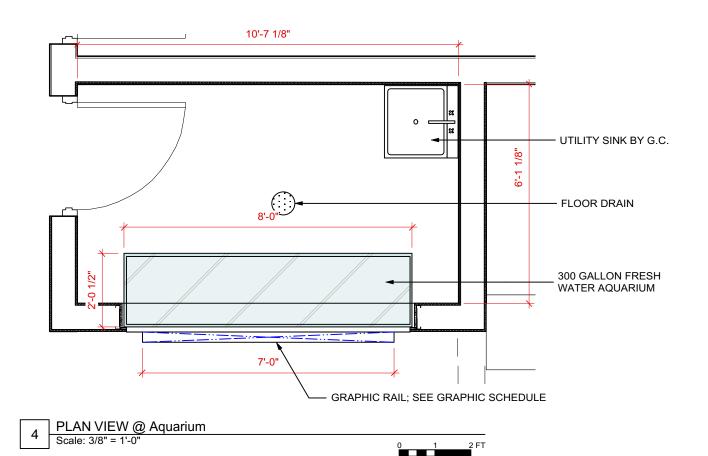
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PHASE:

Bid Docs February 17, 2017 SCALE:

20% of actual size 84" W x 9" H DRAWINGS:

Fish Tank Reader Rail Graphic Layout



GRAPHIC RAIL W/ TACTILE OYSTERS

GRAPHIC RAIL W/ TACTILE OYSTERS

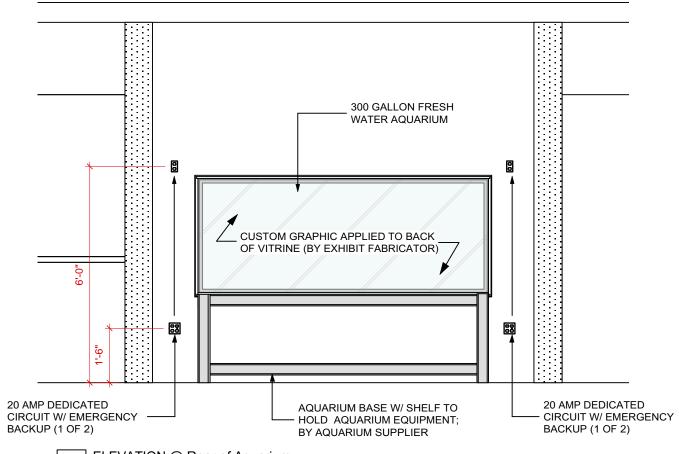
(PROPS BY FABRICATOR)

300 GALLON FRESH WATER AQUARIUM

4.1 ELEVATION @ Aquarium
Scale: 3/8" = 1'-0"

NOTE;

LOCATE WATER SUPPLY, UTILITY SINK, DRAIN IN THIS ROOM. VERIFY LOCATION AND REQUIREMENTS OF AQUARIUM. EXACT LOCATIONS T.B.D.



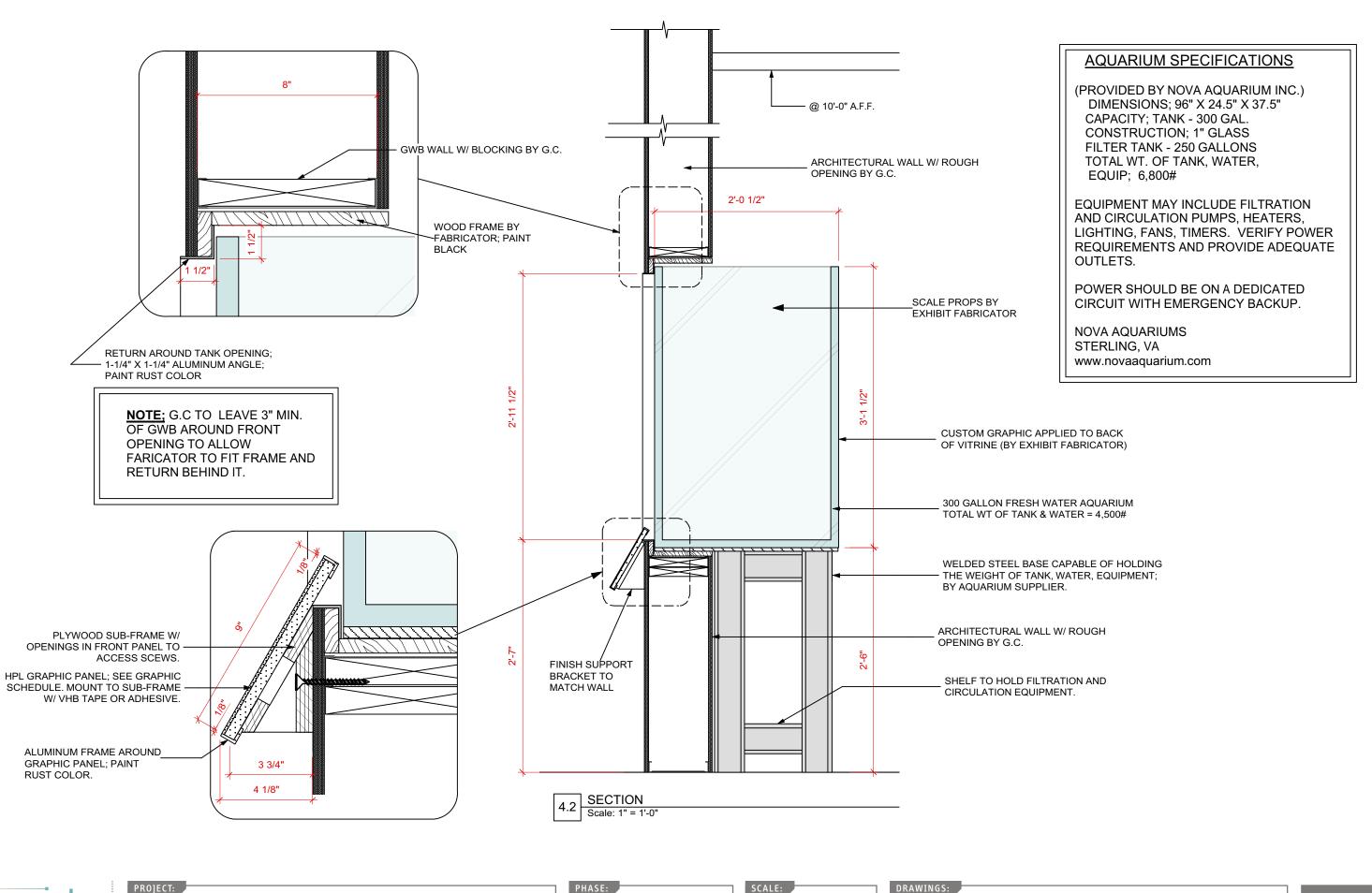
4.2 ELEVATION @ Rear of Aquarium
Scale: 3/8" = 1'-0"



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Bid Docs February 17, 2017 Scale = As Noted

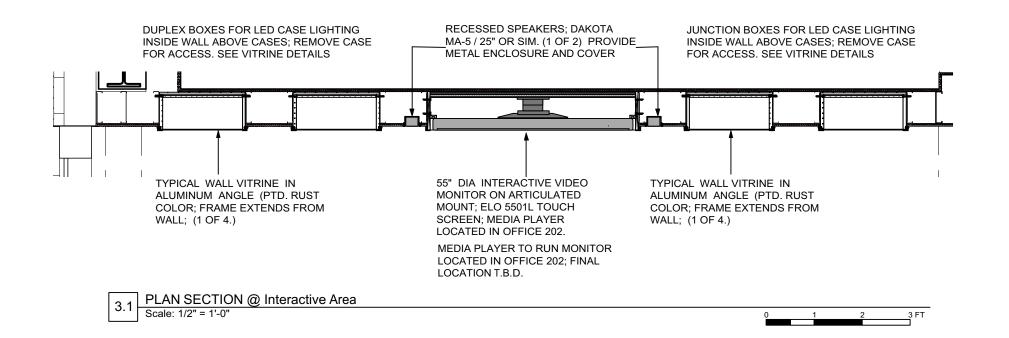
Tank and Rail Details





Bid Docs February 17, 2017 Scale = As Noted

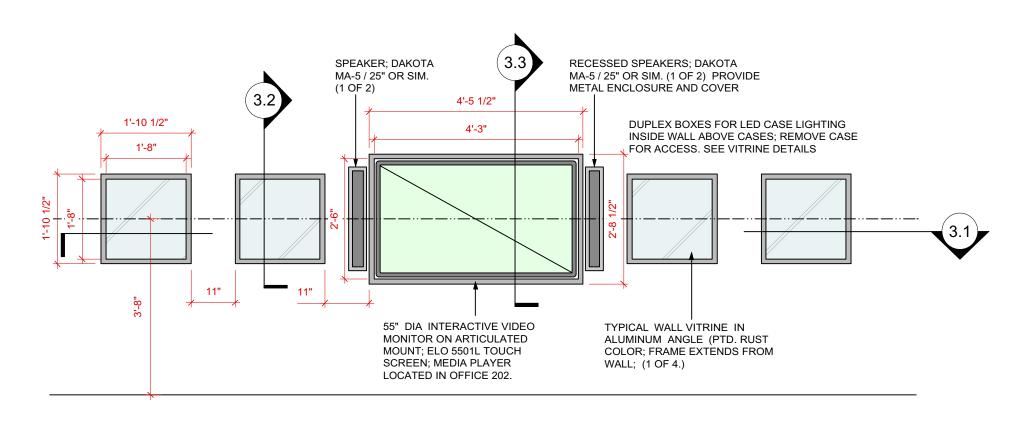
Tank and Rail Details

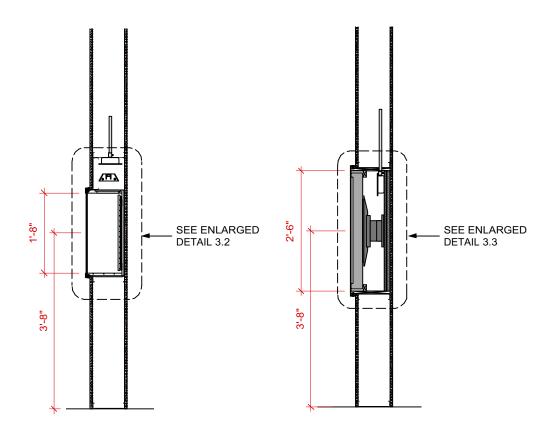


A-V HARDWARE NOTE;

EXHIBIT FABRICATOR TO PROVIDE TOUCHSCREEN MONITOR, SPEAKERS, CABLING, MEDIA PLAYER FOR A-V PROGRAM..

BUILDING A-V SUBCONTRACTOR TO PROVIDE, MEDIA PLAYER/DVD/SD UNIT, SWITCHING, CABLING FOR BRIDAL CONTENT. HE WILL INSTALL HIS EQUIPMENT AND LEAVE EXHIBIT CONTRACTOR INSTRUCTIONS FOR TYING THE TWO SYSTEMS TOGETHER





3.2 SECTION @ Typ. Vitrin
Scale: 1/2" = 1'-0"

3.3 SECTION @ Video Monitor Scale: 1/2" = 1'-0"

3 ELEVATION @ Ineractive Area Scale: 1/2" = 1'-0"





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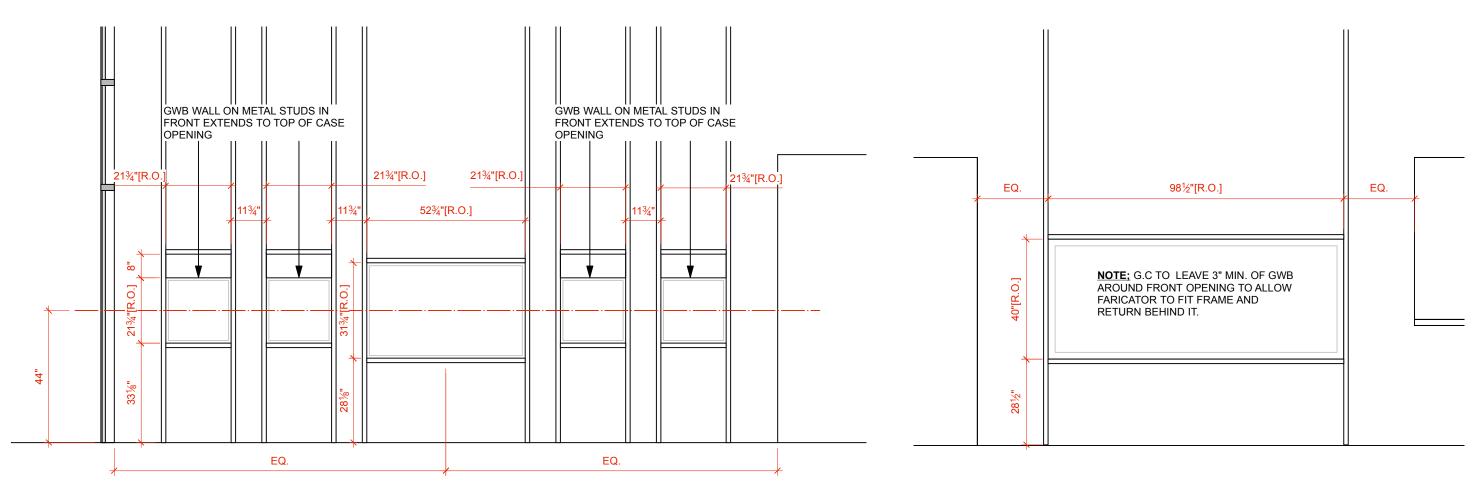
Bid Docs February 17, 2017

Scale = As Noted

SCALE:

DRAWINGS:

Wall Vitrines and Video Monitor Details



1 FRAMING LAYOUT@ Vitrines, AV Monitor Scale: 3/8" = 1'-0"

2 FRAMING LAYOUT @ Aquarium Scale: 3/8" = 1'-0"



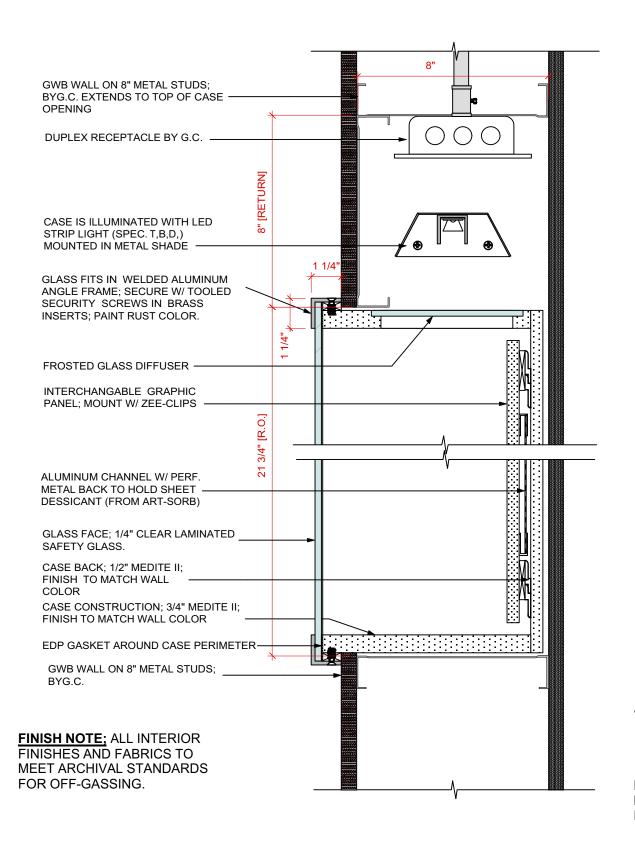
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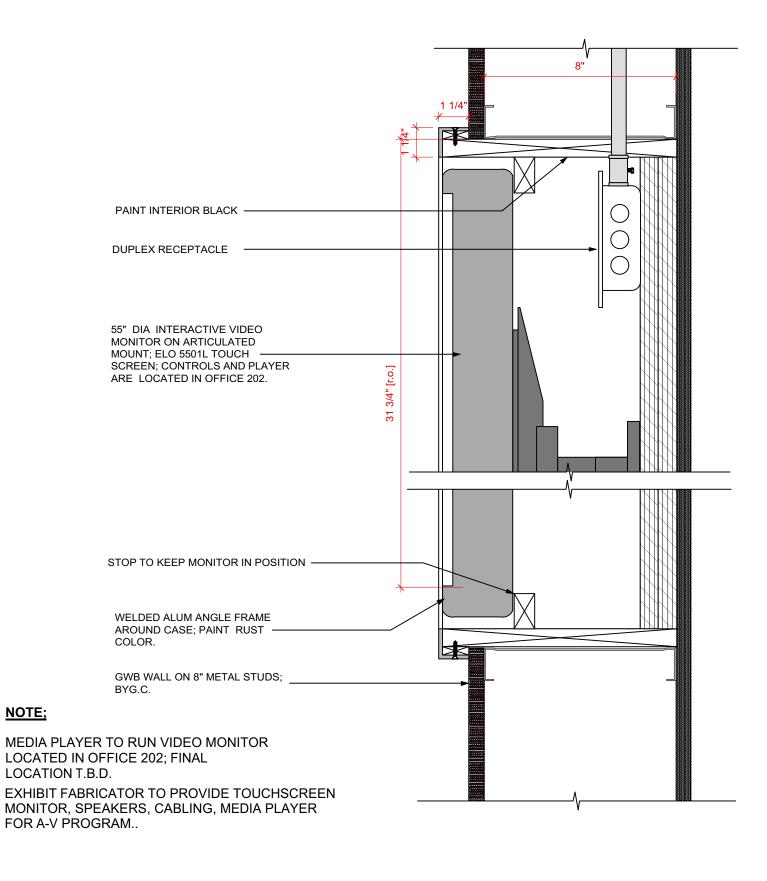
Bid Docs February 17, 2017

Scale = As Noted

DRAWINGS:

ELEVATIONS- WALL FRAMING (BY GC)







Bid Docs February 17, 2017

Scale = As Noted

Wall Vitrine and Video Monitor Details

DRAWINGS:

Digital graphic wrapped on signblank approx 18" x 18"



John Smith

CASE QUOTE: CASE 01.01

CASE LABEL: CASE 01.02



Native Americans 1

CASE QUOTE: CASE 02.01

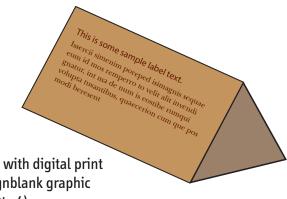
CASE LABEL: CASE 02.02

Reference Photo for Mounts





Fabricator reposnisble for artifact mounts



Label Wedge:
Ptd mdf wedge with digital print
wrapped on signblank graphic
dft to wedge (Qty 4)



PROJECT:

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PHASE:

Bid Docs February 17, 2017 SCALE:

25% of Actual size 20" W x 20" H DRAWINGS:

Object cases near AV Monitor

Digital graphic wrapped on signblank approx 18" x 18"



Native American 2

CASE QUOTE: CASE 03.01

CASE LABEL: CASE 03.02



100 Years of Park History

CASE QUOTE: CASE 04.01

CASE LABEL: CASE 04.02

PROJECT:

Jean R. Packard Occoquan Center

HASE:

Bid Docs February 17, 2017 SCALE:

25% of Actual size 20" W x 20" H DRAWINGS:

Object cases near AV Monitor