



Town of Hilton Head Island
Design Review Board Meeting
Tuesday, March 9, 2021 – 1:15 p.m.
AGENDA

In accordance with the Town of Hilton Head Island Municipal Code Section 2-5-15, this meeting is being conducted virtually and can be viewed live on the Town's Public Meeting Facebook Page at <https://www.facebook.com/townofhiltonheadislandmeetings/>. Following the meeting, the video record will be made available on the Town's website at <https://www.hiltonheadislandsc.gov/>.

1. Call to Order

2. FOIA Compliance – Public notification of this meeting has been published, posted, and distributed in compliance with the South Carolina Freedom of Information Act and the requirements of the Town of Hilton Head Island.

3. Roll Call

4. Approval of Agenda

5. Approval of Minutes

a. Meeting of February 23, 2021

6. Appearance by Citizens

7. New Business

a. *New Development – Final*

i. Fern Iams Restaurant, DRB-000423-2021

ii. Quarterdeck Restaurant, DRB-000435-2021

b. *Sign*

i. Hemp Extraction Sign, DRB-000396-2021

8. Board Business

a. Review and Approval of Letter to Town Council regarding Building Height Limits, Setback Standards and Buffer Requirements

9. Staff Report

a. Minor Corridor Report

10. Adjournment

Public comments concerning agenda items can be submitted electronically via the Open Town Hall HHI portal at <https://hiltonheadislandsc.gov/opentownhall/>. The portal will close at 4:30 p.m. on March 8, 2021. All comments submitted through the portal will be provided to the Board for review and made part of the official record. Citizens who wish to comment on agenda items during the meeting by phone must contact the Board Secretary at 843-341-4691 no later than 12:00 p.m. on March 8, 2021.

Please note that a quorum of Town Council may result if four (4) or more of their members attend this meeting.



Town of Hilton Head Island
Design Review Board Meeting
February 23, 2021 at 1:15 p.m. Virtual Meeting
MEETING MINUTES

Present from the Board: Chairman Michael Gentemann, Vice Chair Cathy Foss, David McAllister, Judd Carstens, Annette Lippert, Debbie Remke, John Moleski

Absent from the Board: None

Present from Town Council: Tamara Becker

Present from Town Staff: Chris Darnell, Urban Designer; Teri Lewis, Deputy Community Development Director; Nicole Dixon, Development Review Administrator; Cindaia Ervin; Finance Assistant; Teresa Haley, Senior Administrative Assistant; Vicki Pfannenschmidt, Temporary Administrative Assistant

1. Call to Order

Chairman Gentemann called the meeting to order at 1:18 p.m.

2. FOIA Compliance – Public notification of this meeting has been published, posted, and distributed in compliance with the South Carolina Freedom of Information Act and the requirements of the Town of Hilton Head Island.

3. Roll Call – See as noted above.

4. Approval of Agenda

Chairman Gentemann asked if staff had any changes to the agenda. There being none, Ms. Remke moved to approve. Ms. Lippert seconded. By way of roll call, the motion passed with a vote of 7-0-0.

5. Approval of Minutes

a. Meeting of February 9, 2021

Chairman Gentemann asked for a motion to approve the minutes of the February 9, 2021 regular meeting. Vice Chair Foss moved to approve. Mr. McAllister seconded. By way of roll call, the motion was approved by a vote of 7-0-0.

6. Appearance by Citizens

Public comments concerning agenda items were to be submitted electronically via the Open Town Hall HHI portal. All comments received were provided to the Board for review and made part of the official record. Citizens were provided the option to sign up for public comment participation during the meeting by phone. There were no requests to participate by phone.

7. New Business

a. *New Development – Conceptual*

i. The Quarterdeck, DRB-000212-2021

Mr. Darnell presented the application as described in the Board's agenda package noting this is a conceptual review and the final would have a more detailed landscape plan. He explained the tradition of waterfront architecture within the Sea Pines Resort is most recently best represented by the Beach Club. Noting, it aptly addresses its coastal setting with details like columned porches, tabby-finished stucco, shingle and clapboard siding, and eaves with exposed rafter tails. Mr. Darnell said the design of the new Quarterdeck carries this tradition forward, building on Sea Pines' original relaxed-classic architecture, comprised of cedar shake roofs and indigenous tawny brick. He added that the new design of Quarterdeck takes its cues from Harbour Town Links Clubhouse, especially at its south facade, where it provides a bookend for a round of golf with similar but complementary design elements to where you began. Mr. Darnell said Staff recommends Conceptual Approval as submitted.

Chairman Gentemann asked if the applicant would like to add to Staff's narrative. The applicant presented statements regarding the project and answered questions by the Board. The Board and applicant discussed the application at length and the following concerns and recommendations were discussed: setbacks; the need for a copy of the letter from the Sea Pines ARB stating final approval; the location of the Harbourmaster in a separate building; location of the fuel pump devices; the new plan eliminates a substantial amount of non-conformities in the existing building; location and use of the new boardwalk; plantings in the boardwalk area; use of oyster shell material for seating in the Bocce area; the type of lighting in the parking lot; railings in the dining area; location and use of string lights; the fabric of the guard rail and use of initials counting toward signage; review of acceptable colors to the DRB; the affect the Harbourmaster building location will have on the view from the building as well as the public view; and the location of the walkway to the service yard.

After lengthy discussion regarding many items, Ms. Lippert moved to approve The Quarterdeck, DRB-000212-2021 with the following conditions:

1. Address all of staff comments in the Design Team/DRB Comment Sheet.
2. The north side of the wood boardwalk to have plant beds added.
3. Detail 4 and 5 on L4.03, to review the color of the sign face; as black will not likely be approved.
4. Detail 6 to review the tabby seatback, with a recommendation of potentially introducing smaller tabby or honed edged tabby to make it more user friendly.
5. Provide light fixture cut sheets at final.
6. Provide Sea Pines ARB approval for final.
7. Limit string lights to dining room areas and not as directional.
8. Review the potential to use goose neck lamps for the directional type.
9. Review light levels where string lights will be used.
10. Provide mounting detail where string lights will be used.
11. Heavily plant around the utility area that houses the transformer.
12. Minimize the use of the standing seam roof, use a non-reflective surface with a recommendation to look at a pink finish for retained standing seam roof area.
13. Review of the consistency between the heavily simulated divided light and full light windows.

14. Potentially larger overhangs at the roofs.
15. Review circulation around the Harbourmaster and fueling pumps.
16. Review of whether it is indeed a bocce court of program or more friendly. (Corn hole being mentioned,)
17. Perimeter walkways to remain the crushed oyster shells.
18. Fire pit locations on the terraces to be identified; this will have to be checked with the Fire Marshal as to location.
19. Review of the extent of tabby.
20. Details of this project do not need to be a match to the clubhouse; consider more connection to the Portofino look.
21. Recommendation to minimize the variety of dormers, particularly on the west façade with two different size dormers; making them the same, if they are to be retained.
22. The back side of the outdoor bar surface that is facing the lower walkway be sufficiently screened.
23. All fabric canopies be shown on the drawings.
24. A separation between pedestrian and vehicular traffic at the vehicular drop-off be further identified with a recommendation of going to steel bollards.
25. Recommendation to review the service yard shape to create less of a pinch point and make it as friendly as possible.
26. Modification to detail R1 on Sheet L4.02 – to include a lower kick rail element in the detail.

Mr. Carstens seconded. By way of roll call, the motion was approved by a vote of 7-0-0.

b. *New Development – Final*

i. Mount Calvary Baptist Church, DRB-000329-2021

Mr. Darnell presented the application as described in the Board's agenda package stating the applicant is seeking to construct a new church building next to the existing church building and expand the associated parking lot. He said the existing church building will be converted to the parish's fellowship hall. He explained the new church building will be a premanufactured metal building with wood stud walls finished in stucco and cement board lap siding to match the existing church and the roof will be constructed of metal standing roofing panels. Mr. Darnell informed the Board the site will also serve as an overflow parking lot for the restaurants across the street during peak hours. He said the parking lot surface will be mostly constructed of pervious paving. Mr. Darnell reported Staff recommends approval with the following conditions:

1. For the LAO 22, OCH 14, LAO 31 adjacent to Squire Pope and the LOA 11, LO 26/17 and Specimen LO 24/25, 25/19/15 at the back of site:
 - a. Enlarge the tree protection to 15' min. where possible,
 - b. Provide 4" of composted wood chip mulch within the tree protection fence,
 - c. Specify on the Tree Removal and Protection Plan pre and post construction fertilization with a mycor treatment.

2. Shift catch basin #8 two parking stall widths away from LOA 11 to reduce disturbance close to the trunk.
3. Revise to grading plan to eliminate any disturbance within the tree protection fence around the Specimen LO 24/25, 25/19/15.

The applicant referenced Item 2 - shifting catch basin #8, noting the area has an 8 inch pine tree and that the 11 inch Laurel Oak is being removed. He added there were no problems addressing all items Staff recommended. Mr. Darnell eliminated the recommendation of shifting catch basin #8.

Chairman Gentemann asked if the applicant would like to add to Staff's narrative. The applicant stated he had nothing else to add to Staff's report and will implement the conditions requested. The Board and applicant discussed the application at length and the following concerns and recommendations were discussed: consideration of swapping out Southern Red Oak trees to evergreen for additional screening; window shutter explanations and locations; storm drains; and pedestrian connections.

Mr. McAllister moved to approve Mount Calvary Baptist Church, DRB000329-2020 with the following conditions:

1. Staff comments to include: For the LAO 22, OCH 14, LAO 31 adjacent to Squire Pope Road and the LOA 11, LO 26/17 and Specimen LO 24/25, 25/19/15 at the back of site.
 - a. Enlarge the tree protection to 15' min. where possible,
 - b. Provide 4" of composted wood chip mulch within the tree protection fence,
 - c. Specify on the Tree Removal and Protection Plan pre and post construction fertilization with a mycor treatment.
2. Revise to grading plan to eliminate any disturbance within the tree protection fence around the Specimen LO 24/25, 25/19/15.
3. Replace the Southern Red Oaks in the northern buffer with an evergreen tree.
4. Reevaluate the tree location, as it relates to the storm drain in the landscape island in the parking lot to the east of the new building.

Vice Chair Foss seconded. By way of roll call, the motion was approved by a vote of 7-0-0.

c. Alteration/Addition

i. Charlie's Outdoor Dining, DRB-000330-2021

Mr. Darnell presented the application as described in the Board's agenda package stating the project will provide an outdoor pavilion on the front patio of Charlie's restaurant. He said the concrete patio will be replaced with a new 450 SF outdoor wood-framed pavilion with a metal roof that is designed to match the existing restaurant design without detracting from it. Mr. Darnell noted the pavilion will include new fan mounted lighting and natural gas heaters. A small side stair will be added to the front porch for food service and a gutter will be added to the existing roof to divert rainwater in this area. He concluded his presentation and stated Staff recommends approval as submitted.

Chairman Gentemann asked if the applicant would like to add to Staff's narrative. The applicant presented statements regarding the project and answered questions by the Board. The Board and applicant discussed the application at length and the following concerns and recommendations were discussed: location of electrical outlets and conduit; noting on the plans how the conduit will be run and noting such on the plan; mounts for heaters; discussion of roof lines and color; consistency in detailing where screen is and how it terminates; gutters planned for the addition; size of overhangs; height of the structures; view from inside the building; matching existing light fixtures and fans; column size if roof is raised; and sidewalk usage.

After discussion, Chairman Gentemann moved to approve Charlie's Outdoor Dining, DRB0003300-2021 with the following conditions:

1. Raise the roof approximately 12 inches to get it up out of the adjacent windows to the interior.
2. All electrical conduit and gas piping is going to be hidden in the columns and may exit the columns up at the beams and the rafters and should be held tight to said beams and rafters.
3. The existing fan on the existing porch should match the new fans.

Vice Chair Foss seconded. By way of roll call, the motion was approved by a vote of 7-0-0.

8. Board Business

- a. Review and Approval of Letter to Town Council regarding Building Height Limits, Setback Standards and Buffer Requirements

The Board discussed the letter included in the packet and suggested a few minor changes. Chairman Gentemann stated he would work on the changes and have a second draft prepared for the next meeting.

9. Staff Report

- a. Minor Corridor Report - Mr. Darnell reported there was one minor DRB approval at 112 Arrow Road, which consisted of slightly enlarging an existing deck.

10. Adjournment

The meeting was adjourned at 4:15 p.m.

Submitted by: Vicki Pfannenschmidt, Secretary

Approved: [DATE]



**THE TOWN OF HILTON HEAD ISLAND
DESIGN REVIEW BOARD – NOTICE OF ACTION**

PROJECT NAME: Fern Iams Restaurant **PROJECT #:** DRB-001930-2019
PROJECT ADDRESS: 8 Office Way
CATEGORY: New Development – Conceptual
ACTION DATE: October 8, 2019 **NOTICE DATE:** October 15, 2019
APPLICANT/AGENT: Jeff Cramer, Diversified Designs PC
11 Jones Ave
Tybee Island, GA 31328
Email: ddesigns@bellsouth.net

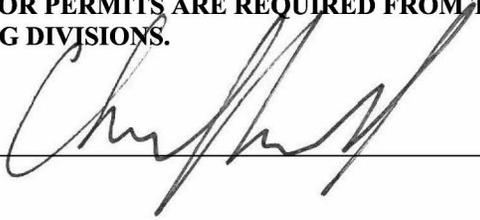
On the above meeting date your Application received the following action:

- APPROVED AS SUBMITTED**
 APPROVED WITH THE SPECIFIC CONDITIONS LISTED BELOW
 DENIED
 WITHDRAWN AT THE APPLICANTS REQUEST

1. Colors shall be approved at Final.
2. Applicant is to provide complete color board with a suggested 12"x12" sample of red on hardy board.
3. Grading around the building shall not exceed 3' max fill per the LMO.
4. Grading around the building, steps and ramps shall be shown on the drawings.
5. Provide more planting area between sidewalks and the building.
6. Provide a Landscape Plan at Final.
7. The dumpster shall be fully screened and fit in asphalt.
8. Provide adequate clearance and grading around existing trees, specifically the 23" pine at side patio.

PURSUANT TO LMO 16-2-103-I.7, THIS APPROVAL WILL EXPIRE ONE YEAR FROM THE DATE OF THIS NOTICE UNLESS A DEVELOPMENT PLAN (SEE LMO 16-2-103.G) OR SMALL RESIDENTIAL DEVELOPMENT (SEE LMO 16-2-103.H) IS APPROVED OR, WHERE DEVELOPMENT PLAN REVIEW OR SMALL RESIDENTIAL DEVELOPMENT REVIEW IS NOT REQUIRED, THE APPROVED ACTIVITY IS COMPLETED. YOU HAVE THE RIGHT TO APPEAL THIS DECISION TO CIRCUIT COURT IN ACCORDANCE WITH LMO 16-2-103-I.4.c.ii.

NOTICE: APPROVAL BY THE DESIGN REVIEW BOARD MAY NOT CONSTITUTE AUTHORITY TO PROCEED. PLEASE CONTACT THE COMMUNITY DEVELOPMENT DEPARTMENT AT 843-341-4757 TO FIND OUT IF OTHER APPROVALS OR PERMITS ARE REQUIRED FROM THE DEVELOPMENT REVIEW AND ZONING, BUILDING, OR ENGINEERING DIVISIONS.

BY:  _____, Urban Designer

**FERNS IAMS
RESTURANT
8 OFFICE WAY
SPEC. SHEET**

FERNS IAMS RESTURANT
8 OFFICE WAY

PG. 3. GUTTER SPEC SHEET

PG. 6. SCREEN PORCH SPEC SHEET

PG. 11. PAVERS SPEC SHEET

PG. 15. LIGHTING SPEC SHEET

PG. 21. WINDOW SPEC SHEET

PG. 24. COLUMN SPEC SHEET

PG. 26. GARAGE DOORS SPEC SHEET

GUTTER

SPEC

SHEET

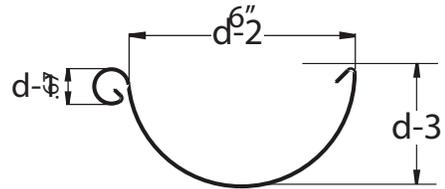
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Half Round Gutter. Standard Lengths 18 & 10 Ft.



Size	d-1	d-2	d-3
5"	.71"	5"	3.125"
6"	.79"	6"	3.687"
7.6"	.79"	7.56"	4.50"

24 Guage Zinc Magnesium Steel and sprayed with a proprietary scratch and fade resistant paint.

Half Round Gutter. Standard Length 18 & 10 Ft.

Color	Part #	5"	6"	7.6"
WHITE	WTZ5G18/10	WTZ6G18/10	WTZ6G18/10	WTZ6G18/10
DARK BRONZE	DBZ5G18/10	DBZ6G18/10	DBZ6G18/10	DBZ6G18/10
BLACK	BKZ5G18/10	BKZ6G18/10	BKZ6G18/10	BKZ6G18/10
DARK CHARCOAL	DCZ5G18/10	DCZ6G18/10	DCZ6G18/10	DCZ6G18/10
NATURAL GRAY METALIC	NGZ5G18/10	NGZ6G18/10	NGZ6G18/10	NGZ6G18/10
UNPAINTED G-90 GALVANIZED	UZ5G18/10	UZ6G18/10	UZ6G18/10	UZ6G18/10



Date	Invoice#	Project	Company	Architect

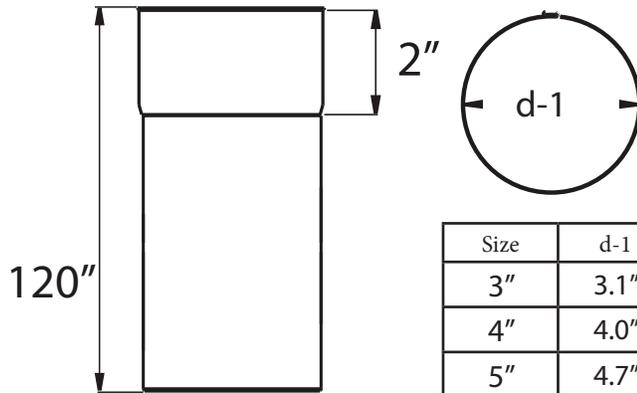
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3" 4" & 5" downspout / Standard Length 10 Ft.



Size	d-1
3"	3.1"
4"	4.0"
5"	4.7"

24 Guage Zinc Magnesium Steel and sprayed with a proprietary scratch and fade resistant paint.

Downspout / Standard Length 10 Ft.

Color	Part #	3"	4"	5"
WHITE		WTZ3DS	WTZ4DS	WTZ5DS
DARK BRONZE		DBZ3DS	DBZ4DS	DBZ4DS
BLACK		BKZ3DS	BKZ4DS	
DARK CHARCOAL		DCZ3DS	DCZ4DS	
NATURAL GRAY METALIC		NGZ3DS	NGZ4DS	
UNPAINTED G-90 GALVANIZED		UZ3DS	UZ4DS	



Date	Invoice#	Project	Company	Architect

SCREEN

PORCH

SPEC

SHEET

Live Outside



A Complete Line of Products for Patio and Pool Enclosures



LANSING
PATIO & POOL ENCLOSURES

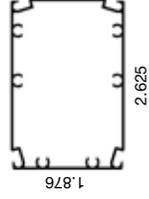
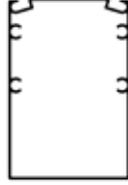
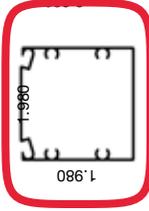
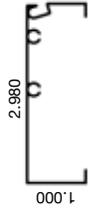
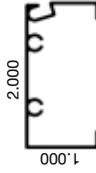
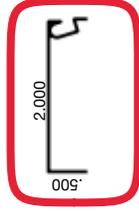
Extrusions

Lansing carries an expansive inventory so you can get the job done **quickly** and **on time**.

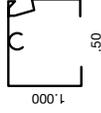
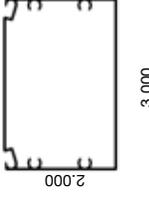
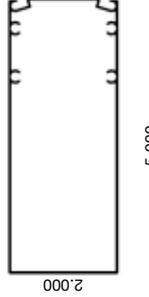
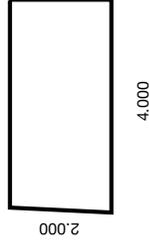
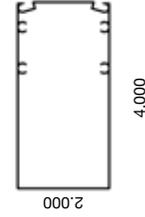
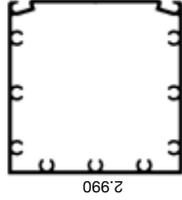


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and 108"

Standard Roll Length: 100'

Standard Colors: Charcoal and Silver Gray



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- No maintenance enamel finish
- Resistant to chalking and fading

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PERMEABLE PAVERS

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Tremron's Green Collection offer aesthetic beauty, and engineered quality, while positively contributing to the surrounding environment. These specially designed pavers will reduce or eliminate storm water run-off and decrease flooding, while returning rainwater into the natural water table. In addition, Permeable Pavers also provide a sturdy paved surface for vehicular and foot traffic in parking areas, low volume roadways, driveways, patios, and walkways.

Environmental Benefits of Permeable Pavers

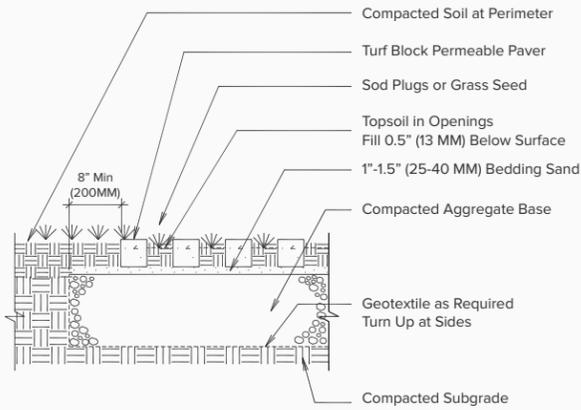
- **Surface Water Management**
Storm water drains back into native soil, recharging groundwater supplies and reducing storm water run-off.
- **Reduce Landscape Irrigation Demand**
Recharges groundwater supplies
- **Minimize Local Heat Island Effects**
Permeable pavers are available in colors that have high SRI values which in turn help reduce Heat Island Effect



AQUA PAVERS

The benefits of Permeable Pavers are well documented, and their use by designers is encouraged. The United States Green Building Council (USGBC) recognizes Permeable Pavers as a Best Management Practice (BMP) to control quality and quantity of Stormwater Runoff. The USGBC Leadership in Energy and Environmental Design (LEED®) Green Building Rating System provides a variety of credits for projects that incorporate Permeable Paver Systems.

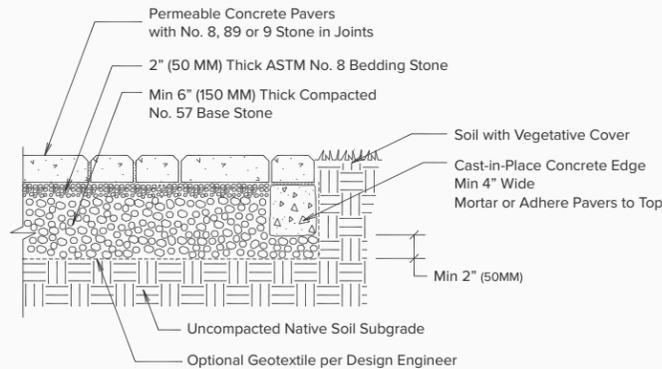
TURF BLOCK INSTALLATION



- BASE THICKNESS VARIES WITH TRAFFIC, CLIMATE AND SUBGRADE
- 6" MINIMUM BASE THICKNESS FOR RESIDENTIAL DRIVEWAYS
- 8" MINIMUM BASE THICKNESS FOR FIRELANES & PARKING LOTS

PERMEABLE PAVERS

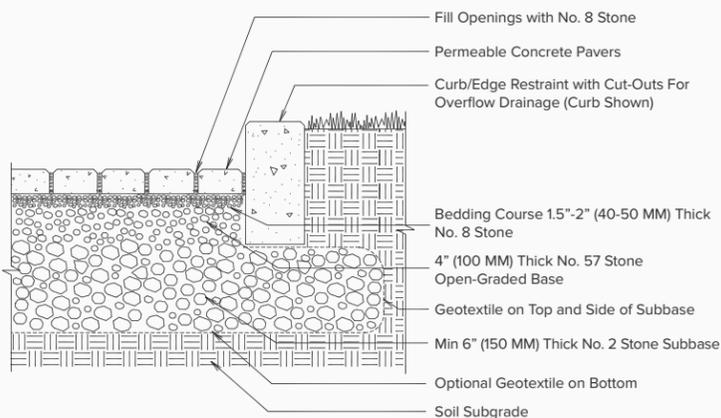
RESIDENTIAL & PEDESTRIAN INSTALLATION



- DESIGN, MATERIAL & CONSTRUCTION GUIDELINES TO FOLLOW ICPI SPECIFICATIONS
- PAVER SURFACES SLOP MAX 1%; SOIL SUBGRADE SLOPE MAX 0.5%
- THICKER BASE AND/OR DRAIN PIPES MAY BE REQUIRED IF PATIO RECEIVES RUNOFF FROM ADJACENT IMPERVIOUS SURFACES OR ROOFS
- CAST-IN-PLACE CONCRETE CURBS CAN BE WITHOUT PAVERS ON TOP. IN SUCH CASES, CURBS SHOULD BE LEVEL WITH CONCRETE PAVES FIELD.

PERMEABLE PAVERS

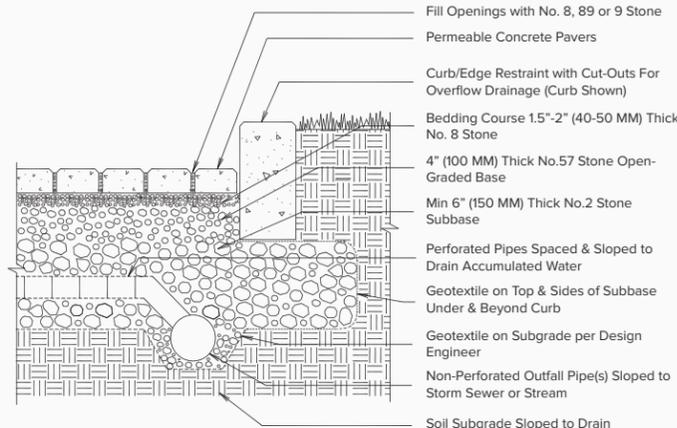
WITH FULL EXFILTRATION TO SOIL SUBGRADE



- NO. 2 STONE SUBBASE THICKNESS VARIES BY DESIGN (CONSULT ICPI SPECIFICATIONS)

PERMEABLE PAVERS

WITH PARTIAL EXFILTRATION TO SOIL SUBGRADE

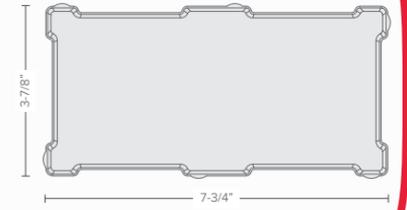


- NO. 2 STONE SUBBASE THICKNESS VARIES BY DESIGN (CONSULT ICPI SPECIFICATIONS)
- NO. 2 STONE MAY BE SUBSTITUTED WITH NO.3 OR NO.4 STONE



4X8 PERMEABLE

Dimensions:	4"x8"
Thickness	3-1/8" (80mm)
SF per Cube:	96
Cube Weight:	3300 lbs
Permeability:	9.6%

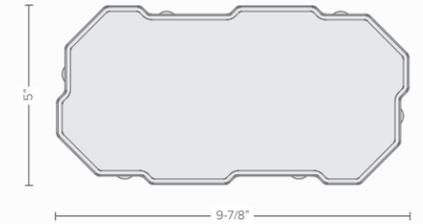


4X8 PERMEABLE



AQUA PAVER

Dimensions:	9-7/8"x5"
Thickness	3-1/8" (80mm)
SF per Cube:	92
Cube Weight:	2925 lbs
Permeability:	8.8%

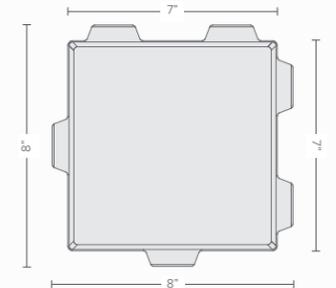


AQUA PAVER



SF RIMA

Dimensions:	8"x8"
Thickness	3-1/8" (80mm)
SF per Cube:	99
Cube Weight:	2900 lbs
Permeability:	7.5% - 10%

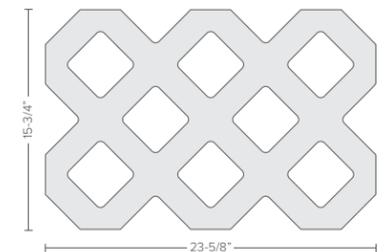


SF RIMA



TURF BLOCK

Dimensions:	23-5/8"x15-3/4"
Thickness	3-1/8" (80mm)
SF per Cube:	94
Cube Weight:	2200 lbs
Permeability:	40%



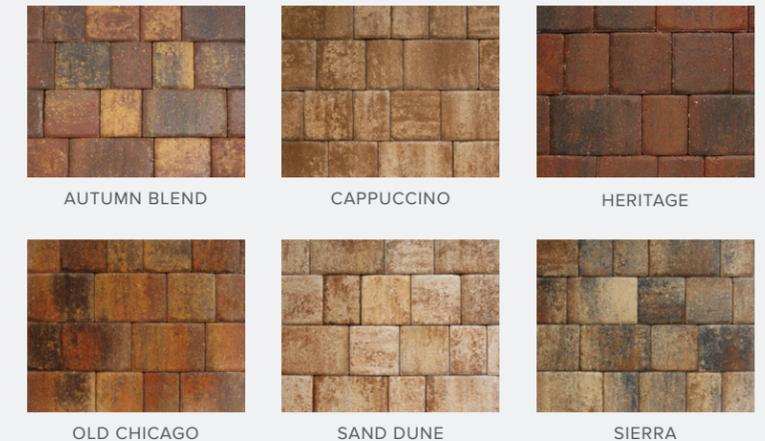
* Turf block only available in Natural Grey

TURF BLOCK

STANDARD COLORS



SPECIAL ORDER COLORS





4x8 PERMEABLE

4x8 Permeable Pavers have the appearance of a traditional pavers, but with oversized joints to allow for water to infiltrate through the sub base releasing into the ground below. This reduces run-off and helps filter the rain water as it is reintroduced back into the ground water supply. Produced in a 3-1/8" thickness, it can be used in both residential and heavy vehicular applications, and is compliant with the Americans with Disabilities Act.



Product Code	Dimensions	Thickness	SF per Cube	Cube Weight	Surface Permeability
EC03143	4"x8"	3-1/8" (80mm)	96	3300 lbs	9.6%

LIGHTING

SPEC

SHEET



Lighting Your Life Since 1970

Product Specifications - 4058HOB

Job Name:	Job Type:
Quantity:	Comments:



4058HOB
Coldwater 1-Light Outdoor Hanging Lantern

Finish
Burnished

Glass/Shade
Honey

Product Category
Outdoor Hanging Lantern

Lamping

Number of Bulbs	1
Bulb Type	MB
Max Bulb Wattage	100
Rated Life	±2,500 Hours
Rated Lumens	±1,150
Color Temp	±2,700 K
Bulb(s)	Not Included
Light Up/Down	N/A
Beam Spread	N/A
CRI	N/A
Photo Cell Included	N/A
Ballast/Driver/Transformer	No
Dimmable	Standard

Measurements

Width	9.0"
Height	15.0"
Length	N/A
Back Plate Width	N/A
Back Plate Height	N/A
HCO	N/A
Min Overall Height	N/A
Max Overall Height	N/A
Hanging Weight	7.5 lbs
Height Adjustable	N/A
Slope	N/A
Chain Length	72"
Wire Length	144"
Canopy Width	N/A
Canopy Height	N/A
Canopy Length	N/A

Shipping

Carton Weight	7.5 lbs
Carton Height	11"
Carton Length	17"
Carton Cubic Feet	1.45
Master Pack Weight	N/A
Master Pack Width	N/A
Master Pack Height	N/A
Master Pack Length	N/A
Master Cubic Feet	N/A
UPS Shippable	Yes

Certification

Safety Rating	Wet
Energy Star	No
CA Title 24	No
CA Title 20	No
ADA	No
Dark Sky	N/A

Other

UPC Code	783209405813
Shades Included	N/A
Crystals Included	N/A
Diffuser Included	N/A
Conversion Kit	N/A
Material	Aluminum

Equivalents

Incandescent Watts	N/A
Fluorescent Watts	N/A

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Always consult a qualified, licensed electrician before installation of any product weighing 35 pounds or more. We recommend that a qualified, licensed electrician do the installation. Always install to a mechanically sound structure.

Item # P1341-039-L	UPC Code: 844349024408
Product Family Name: Sirato	Finish: Spanish Iron
Category: OUTDOOR WALL SCONCE	Category Type: LED Outdoor
Certification 3195125	
Patents:	
Notes:	



Image File Name: P1341-039-L.jpg



MEASUREMENTS

Width:	Length: 14.25	Height: 5.5	Extension: 3.5
Height Adjustable: Yes	Min Overall Height:	Max Overall Height:	Slope: No
Wire Length: 7"	Chain Length:	Safety Cable Included: No	Net Weight: 4.67
Canopy Width:	Canopy Height:	Canopy Length:	Center to Bottom: 7.0
Backplate Width: 5.0	Backplate Height: 13.75	Center to Top: 7.13	

LAMPING

No. of Bulbs: 1	Light Type: LED			
Max Bulb Wattage: 16	Socket: LED			
Dimmable: Yes	Ballast:	Rated Life Hours: 30000	Photocell Included: No	Bulb/LED Included: Y
Bulb/LED Included: Yes	Color Temp.: 3000	CRI: 91	Initial Lumens: 1446.0	Delivered Lumens: 655.0

SHADE / GLASS

Description:	Material: GLASS
Part No.: PG1341	Quantity: 1
Width: 4.0	Height: 1.75
	Length: 12.63



SHIPPING

Carton Width: 7.75	Carton Height: 5.5	Carton Length: 16.38
Carton Weight: 5.41	Carton Cubit Feet: 0.404	Small Package Shippable: Yes
Master Pack Width:	Master Pack Height:	Master Pack Length:
Master Pack Weight:	Master Cubic Feet:	Multi-Pack: 1
		Master Pack: 1

LED

LED



Wet Location



ETL Intertek

For additional information, please contact Customer Care: 1-800-221-7977 | Product depicted on this spec sheet is protected by United States Federal and/or State laws including US Patent, Trademark and/or Copyright and unfair competition laws. Unauthorized reproduction or use carries severe legal penalties



Measurements:

<u>Height</u>	<u>Width</u>	<u>Length</u>
1.50"	5.00"	5.00"
<u>Hanging Weight</u>		

Lamping:

LED PCB LED	700 Rated Lumens 600 Delivered Lumens
1 10W PCB LED	3000 Color Temperature
10 total watt	40,000 Rated Life 90+ CRI
Dimmable : Electronic Low Voltage (ELV) Dimmer	

Shipping:

<u>Carton Width</u>	<u>Carton Height</u>	<u>Carton Length</u>	
5.40"	2.00"	5.40"	
<u>Master Pack Weight</u>	<u>Master Pack Width</u>	<u>Master Pack Height</u>	<u>Master Pack Length</u>
19.80 lb	10.80"	6.00"	20.50"
<u>Master Pack Qty</u>	<u>UPC</u>	<u>UPS</u>	
20.0000	783209173705	Yes	

Finish:

Bronze BZ

Glass:

White WT

Material:

Die Cast Aluminum

Certification:

Wet Location
CA Title 24

Additional:

PCB LED (Included)



P2550 - Vast - 72 Inch Wide - Ceiling Fan - 1 Light - Handheld Remote - Damp Rated by Progress Lighting



Specs

Family/Collection:	Vast
Blade Finish Shown:	White
Number of Blades:	8
Blade Pitch:	14°
Width/Diameter (in):	72.00"
Height:	16.75"
Shade Size:	7.88 x 7.13 x 7.13
Weight:	23.50 lbs.
Wire Length:	80.00"
# of Bulbs:	1
Standard Wattage:	18W
Bulb Type:	LED
Voltage Rating:	120V
Material:	Steel
Airflow (at high speed):	7982CFM
Electricity Use (at high speed - excludes lights):	28Watts
Airflow Efficiency (at high speed):	285CFM/Watt
Downrod Included:	TRUE
Bulbs Included:	Yes
Blades Included:	Yes
Control Included:	Handheld
Fan Light Kit:	Included

Style and Option 1



Project	
Type	
Ordering #	
Comments	

Mission 3000K LED Forged Path Light AZT 15803AZT30R (Textured Architectural Bronze)

Product Description:

3000K PURE-WHITE LED FORGED - A mission style offering in Design Pro LED. A substantial design supported by thick cast construction.

Available Finishes

Textured Architectural Bronze
Textured Architectural Bronze

Technical Information

Weight:	3.00 LBS
Safety Rated:	Wet
Color Rendering Index:	80
Expected Life Span:	40,000 HRS
Operating Voltage Range:	9V-15V
Width:	8.00"
Height:	26.50"
Length:	8.00"
Lamp Included:	Integrated
Lead Wire Length:	24" - 55"
Voltage:	12V
Light Source:	LED
Kelvin Temperature:	3000K
Number of Bulbs:	1
Lamp Type:	LED
Max Watt:	3.8W
Finish:	Textured Architectural Bronze

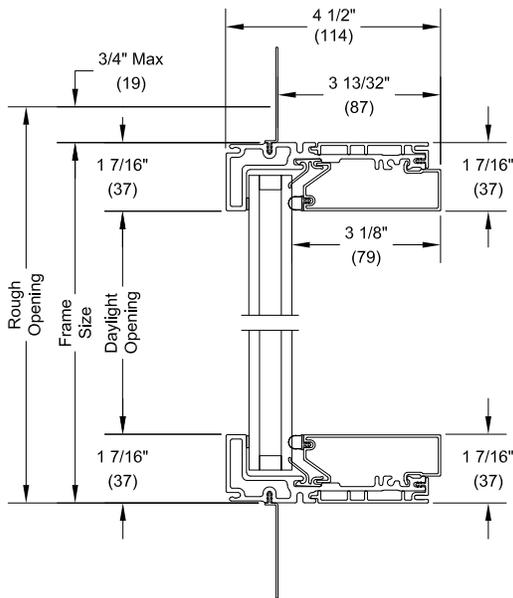
WINDOW

SPEC

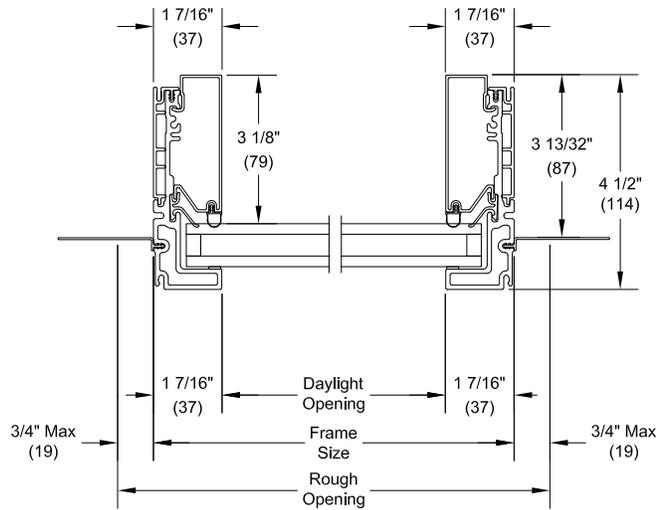
SHEET

Section Details: Modern Direct Glaze - Rectangle (Dual-Pane)

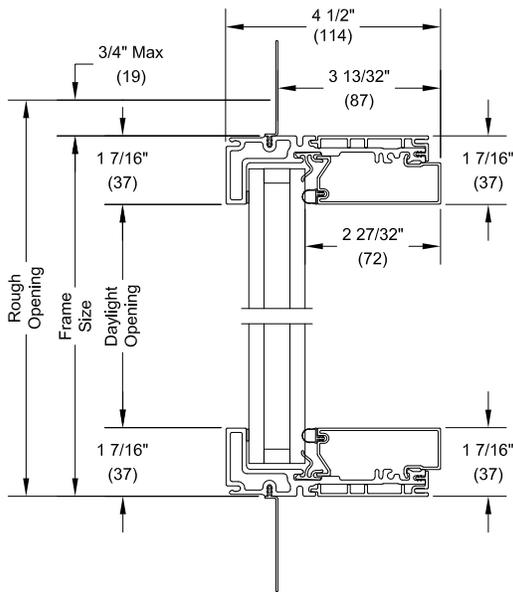
Scale: 3' = 1' 0"



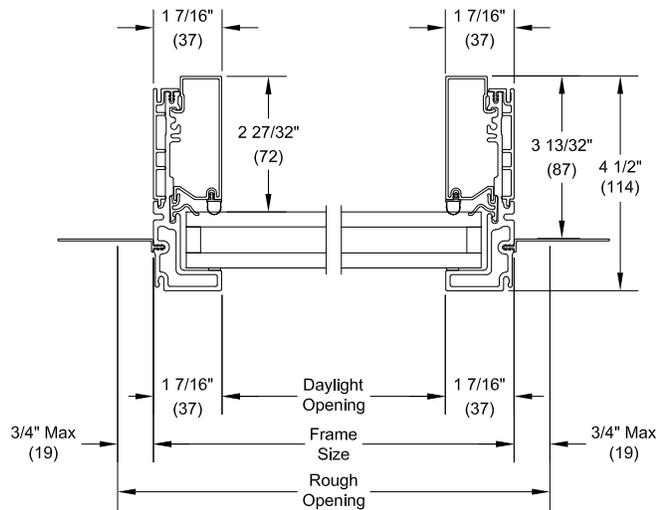
**Direct Glaze Rectangle
Head Jamb and Sill with 15/16" Dual-Pane**



**Direct Glaze Rectangle
Jambs with 15/16" Dual-Pane**



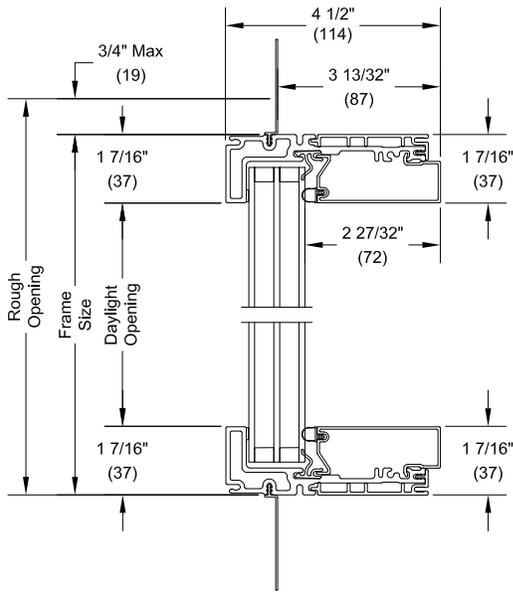
**Direct Glaze Rectangle
Head Jamb and Sill with 1 1/4" Dual-Pane**



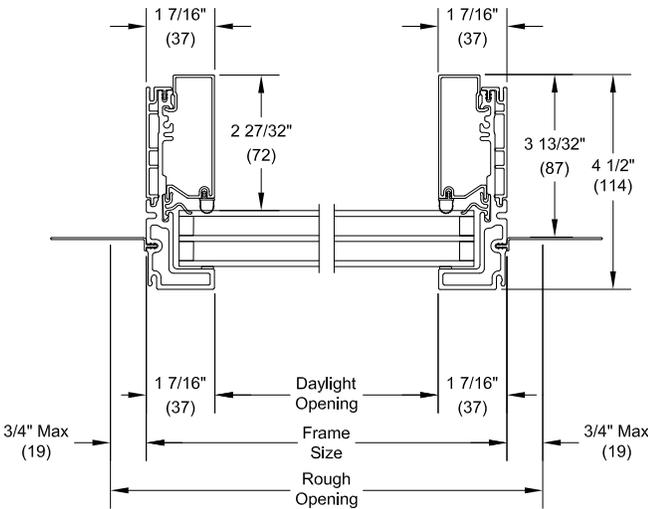
**Direct Glaze Rectangle
Jambs with 1 1/4" Dual-Pane**

Section Details: Modern Direct Glaze - Rectangle (Triple-Pane)

Scale: 3' = 1' 0"



Direct Glaze Rectangle
Head Jamb and Sill with 1 1/4" Triple-Pane



Direct Glaze Rectangle
Jamb with 1 1/4" Triple-Pane

COLUMN SPEC SHEET



- COLUMNS
- PORCH POSTS
- RAILING & BALUSTRADE
- OUTDOOR LIVING
- MILLWORK ACCESSORIES

Home — Products — Columns — Fiberglass Columns — PermaCast® Columns — Square PermaCast®



LEARN MORE



PermaCast® Square Porch Columns

The design and versatility of an HB&G square column have enhanced its popularity with today's

Search for the product at a

Product Description

Plain Square Sizes

Column Sizes	Lengths
6"	6, 8, 9, 10'
8"	6, 8, 9, 10, 12'
10"	51", 6, 8, 9, 10, 12, 14, 16'
12"	8, 9, 10, 12, 14, 16, 18'
14"	8, 10, 12, 14'
16"	8, 10, 12, 14, 16, 18, 20'

Fluted Sizes

Fluted Square Columns are available in certain sizes and add sophistication to your home. Please see the chart below for available sizes and lengths of the fluted column.

Column Size	Lengths
8"	8, 9, 10'
10"	10'

Recessed Panel Sizes

Recessed Panel columns are a great addition to a more traditional or contemporary setting. HB&G offers a wide variety of sizes to help complete your project.

Column Size	Lengths
8"	8, 9, 10'
10"	8, 9, 10'
12"	8, 9, 10, 12, 14'
14"	8, 10, 14'

**GARAGE
DOORS SPEC
SHEET**



Model 511, Brown powder coat finish, Clear glass

General features and benefits – Models 511/521

- 1 3/4" (45 mm) thick, corrosion-resistant 6063-T6 aluminum sections with galvanized fixtures and hinges promotes durability and trouble-free operation
- 1/4" (6 mm) diameter through-rods on all stiles and rails enhances strength and sturdiness
- Top-quality materials, excellent field service and optional maintenance program contribute to extended door life, low maintenance costs and maximum productivity
- Glazing choices include DSB glass, acrylic, tempered glass, clear polycarbonate, multi-wall polycarbonate, wire glass, Low E, Lexan and laminate
- Standard clear anodized finish for low-maintenance and corrosion-resistance
- Optional finishes include a wide range of powder coat colors offering an attractive and durable finish
- Manual pull rope operation with optional chain hoist or electric motor operator
- Available in approximately 200 RAL powder coat colors to match the aesthetic and design of your project. This color optional upgrade includes a hardening additive that provides an attractive and durable finish and easy-to-clean surface.

Cover image: Model 521, Clear anodized finish with Clear glass.



Glass options for Models 511/521

Specialty Glass

- Laminated White – privacy
- Low E Glass** – thermal efficiency
- Tempered Glass – enhanced safety
- Tinted Glass** – color options:
Green, Gray, Bronze

Glass alternatives

- Clear Lexan® Polycarbonate** – shatter resistant
- Multi Wall Polycarbonate – superior strength with UV protection; color options: Clear, White, Bronze
- Plexiglas® Acrylic** – shatter resistant
- Impact Clear and Frosted Polycarbonate - 0.250" minimum



Double Strength DSB** (Standard)



Obscure



Satin Etched



Gray Tint



Green Tint



Bronze Tint



Impact Frosted Polycarbonate

Actual glass may vary from brochure photos due to fluctuations in the printing process. Check with your Overhead Door™ Distributor to view a glass sample.

** Insulated options available.



Model 511, Clear Anodized finish with Clear glass

ALUMINUM DOOR SYSTEMS MODEL 511

doors are designed in sizes up to 16'2" wide and 16'1" high (4928 mm and 4902 mm). Featuring a narrow center stile width of 21/32" (17 mm), these doors are sleek, attractive and permit maximum visibility. An array of glazing choices, top and bottom rail widths, finishes and special options customizes the 511 Model to satisfy nearly any project requirement.

Model 511, Black powder coat finish, Clear glass.



Standard features at a glance

Panel thickness	1 3/4" (45 mm)
Maximum standard height	16'1" (4902 mm)
Maximum standard width	16'2" (6147 mm)
Material	6063-T6 aluminum
Standard finish	204R-1 clear anodized
Center stile width	2 1/32" (17 mm)
End stile width	2 3/4" (70 mm)
Top rail width	2 3/8" (60 mm) or 3 3/4" (95 mm)
Top intermediate rail width	3/4" (19 mm)
Bottom intermediate rail width	5/8" (16 mm)
Bottom rail width	2 3/8" (60 mm) or 3 3/4" (95 mm) or 4 1/2" (114 mm)
Weatherseals	Bottom, flexible PVC
Standard springs	10,000 cycle
Track	2" (51 mm)
Mounting	Angle
Operation	Manual pull rope
Hinges and fixtures	Galvanized steel
Lock	Galvanized, interior-mounted single unit
Warranty	1-Year Limited; 3-Year Limited powder coat finish

Options

Glazing options*:
 1/8" (3 mm) DSB;
 1/8" (3 mm) or 1/4" (6 mm) acrylic;
 1/8" (3 mm) or 1/4" (6 mm) tempered;
 1/8" (3 mm) or 1/4" (6 mm) clear polycarbonate;
 1/4" (6mm) and 3/8" twin-wall polycarbonate, 5/8" triple-wall polycarbonate;
 1/4" (6 mm) 3/8" (10 mm) and 5/8" (16 mm) twin-wall polycarbonate, triple-wall polycarbonate 1/4" (6 mm) wire glass;
 1/2" (12 mm) insulated glass

Electric operator or chain hoist

Bottom sensing edge

3" track

Bracket mounting (not available on full vertical door tracks)

Higher-cycle springs in 25k, 50k, 75k, 100k cycles

Chain hoist

Posi-tension drums

*Contact your local Overhead Door™ Distributor for special glazing requirements. Verify 1/4" (6 mm) glass applications with factory.

Structure options

Anodized finishes



Clear (standard)



Light Bronze



Medium Bronze



Dark Bronze

Powder coat finishes

Select from approximately 200 RAL powder coat color options to best match your home.



Actual door colors may vary from brochure photos due to fluctuations in the printing process. Always request a color sample from your Overhead Door™ Distributor for accurate color matching.

Panel layout	
Door width	Number of panels
to 11'11" (3632 mm)	3
12'0" to 14'11" (3658 mm to 4547 mm)	4
15'0" to 16'2" (4572 mm to 4928 mm)	5

Section stack	
Door height	Number of sections
to 8'6" (2591 mm)	4
8'7" to 10'1" (2616 mm to 3073 mm)	5
10'2" to 12'1" (3099 mm to 3683 mm)	6
12'2" to 14'1" (3708 mm to 4293 mm)	7
14'2" to 16'1" (4318 mm to 4902 mm)	8



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REVISIONS

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(912)786-7945 (600)858-4125
(912)786-7944 (912)786-7943 FAX

DEMOLITION PLAN
A PROPOSED RESTAURANT @
#8 OFFICE WAY
HILTON HEAD ISLAND, SC

DRAWN BY: JOEL MOSS

CHECKED BY:

DATE: 02/23/2021

SCALE: NOTED

PROJECT# 00_000_00

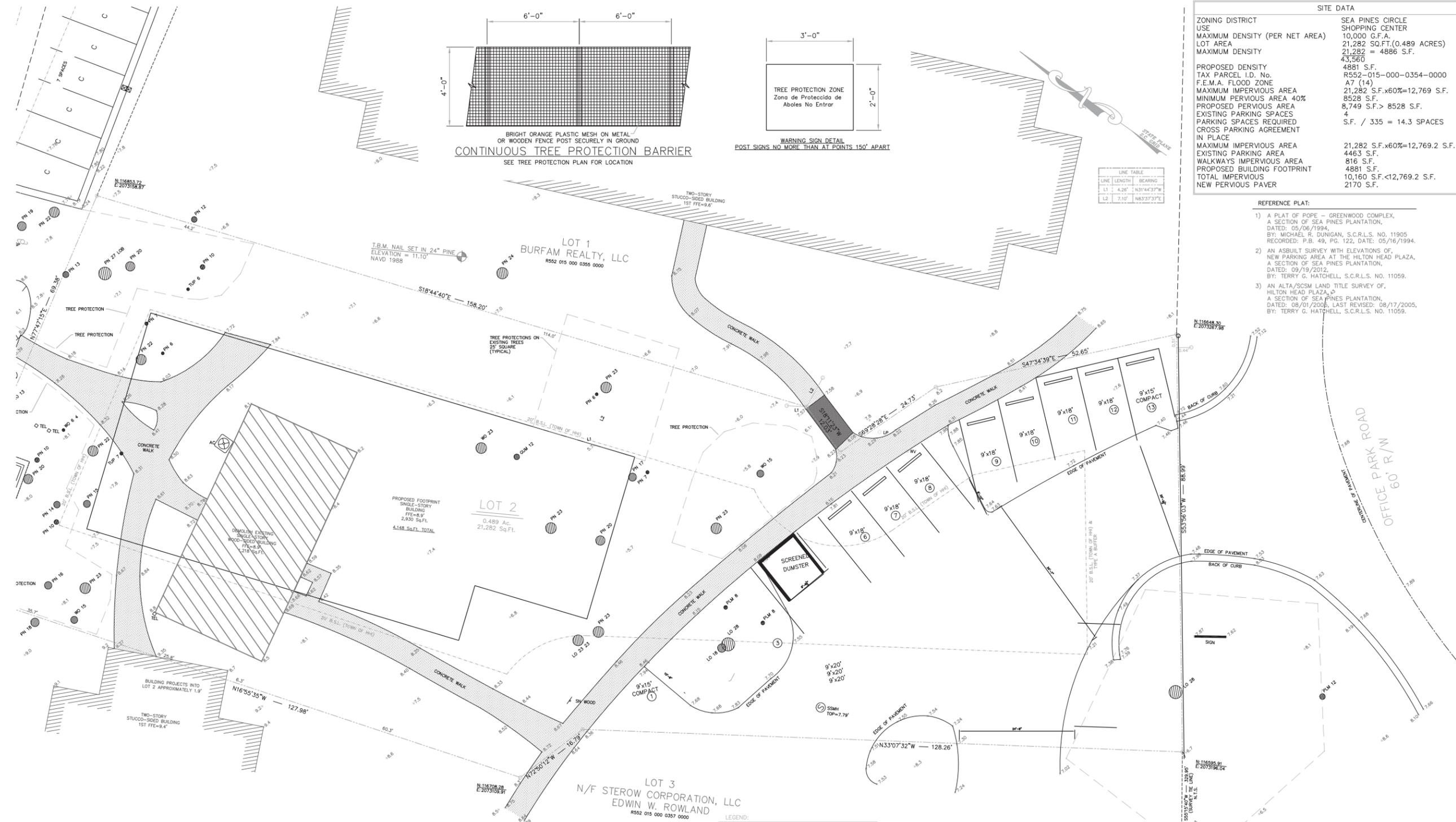
PERMIT
SET D-1

SITE DATA	
ZONING DISTRICT	SEA PINES CIRCLE
USE	SHOPPING CENTER
MAXIMUM DENSITY (PER NET AREA)	10,000 G.F.A.
LOT AREA	21,282 SQ.FT.(0.489 ACRES)
MAXIMUM DENSITY	21,282 = 4886 S.F. 43,560
PROPOSED DENSITY	4881 S.F.
TAX PARCEL I.D. No.	R552-015-000-0354-0000
F.E.M.A. FLOOD ZONE	A7 (14)
MAXIMUM IMPERVIOUS AREA	21,282 S.F.x60%=12,769 S.F.
MINIMUM PERVIOUS AREA 40%	8528 S.F.
PROPOSED PERVIOUS AREA	8,749 S.F.> 8528 S.F.
EXISTING PARKING SPACES	4
PARKING SPACES REQUIRED	S.F. / 335 = 14.3 SPACES
CROSS PARKING AGREEMENT IN PLACE	
MAXIMUM IMPERVIOUS AREA	21,282 S.F.x60%=12,769.2 S.F.
EXISTING PARKING AREA	4463 S.F.
WALKWAYS IMPERVIOUS AREA	816 S.F.
PROPOSED BUILDING FOOTPRINT	4881 S.F.
TOTAL IMPERVIOUS	10,160 S.F.<12,769.2 S.F.
NEW PERVIOUS PAVER	2170 S.F.

REFERENCE PLAT:

- 1) A PLAT OF POPE - GREENWOOD COMPLEX, A SECTION OF SEA PINES PLANTATION, DATED: 05/06/1994, BY: MICHAEL R. DUNIGAN, S.C.R.L.S. NO. 11905 RECORDED: P.B. 49, PG. 122, DATE: 05/16/1994.
- 2) AN ASBUILT SURVEY WITH ELEVATIONS OF NEW PARKING AREA AT THE HILTON HEAD PLAZA, A SECTION OF SEA PINES PLANTATION, DATED: 09/19/2012, BY: TERRY G. HATCHELL, S.C.R.L.S. NO. 11059.
- 3) AN ALTA/SCSM LAND TITLE SURVEY OF HILTON HEAD PLAZA, A SECTION OF SEA PINES PLANTATION, DATED: 08/01/2006, LAST REVISED: 08/17/2005, BY: TERRY G. HATCHELL, S.C.R.L.S. NO. 11059.

LINE TABLE	
LINE	LENGTH BEARING
L1	4.26' N33°44'37"W
L2	7.10' N83°37'37"E



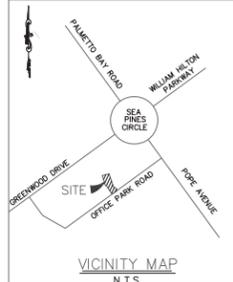
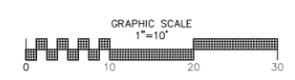
- NOTES
- 1) I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN; ALSO THERE ARE NO OBVIOUS, APPARENT OR VISIBLE ENCROACHMENTS OR PROJECTIONS OTHER THAN SHOWN.
 - 2) AS OF THE DATE OF THIS SURVEY THIS PROPERTY IS LOCATED IN ZONE A2, A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY H.U.D. PANEL 13-D, COMMUNITY NO. 450256, MAP DATED 09/29/1986, BASE ELEVATION 14.0' (NGVD 29 DATUM). FLOOD HAZARD ZONE AND BASE ELEVATION SHOULD BE VERIFIED BY PROPER TOWN OR COUNTY BUILDING INSPECTIONS DEPARTMENT.
 - 3) BUILDING SETBACKS WHICH EXIST FOR THIS LOT, SHOWN OR NOT SHOWN ON THIS SURVEY, ARE EXPLAINED IN THE COVENANTS, EASEMENTS & SETBACKS SHOWN SHOULD BE VERIFIED THROUGH THE APPROPRIATE ARCHITECTURAL REVIEW BOARD OR BUILDING AGENCY.
 - 4) UNDERGROUND UTILITIES NOT LOCATED EXCEPT AS SHOWN AND ARE APPROXIMATE. SURVEYING CONSULTANTS DOES NOT CERTIFY TO THE EXACT LOCATION OF ANY UNDERGROUND UTILITY.
 - 5) NO SUBSURFACE OR ENVIRONMENTAL INVESTIGATION OR WETLAND SURVEYS WERE PERFORMED FOR THIS PLAT. THEREFORE THIS PLAT DOES NOT REFLECT THE EXISTENCE OR NONEXISTENCE OF WETLANDS, CONTAMINATION, OR OTHER CONDITIONS WHICH MAY AFFECT THIS PROPERTY.
 - 6) SURVEYING CONSULTANTS CERTIFIES TO THE BOUNDARY, TOPOGRAPHIC AND ASBUILT INFORMATION PROVIDED HEREON AS OF THE DATE OF SURVEY. IF THIS DOCUMENT IS TO BE PROVIDED AS A BASE MAP FOR OTHERS, INFORMATION ADDED AFTER THE DATE OF THIS SURVEY IS NOT THE RESPONSIBILITY OF SURVEYING CONSULTANTS.
 - 7) THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE, THEREFORE THERE MAY BE OTHER EASEMENTS, RIGHT-OF-WAY, SETBACK LINES, AGREEMENTS, RESERVATIONS, RESTRICTIONS, OR OTHER SIMILAR MATTERS OF PUBLIC RECORD, NOT DEPICTED ON THIS SURVEY.
 - 8) BOUNDARY LINES ARE BASED ON FIELD EVIDENCE AND MONUMENTATION FOUND. BEARINGS ARE BASED ON SOUTH CAROLINA STATE PLANE GRID. BEARINGS AND DISTANCES SHOWN IN PARENTHESIS ARE FROM REFERENCE PLAT #1.

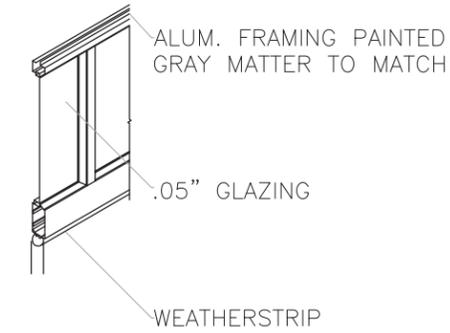
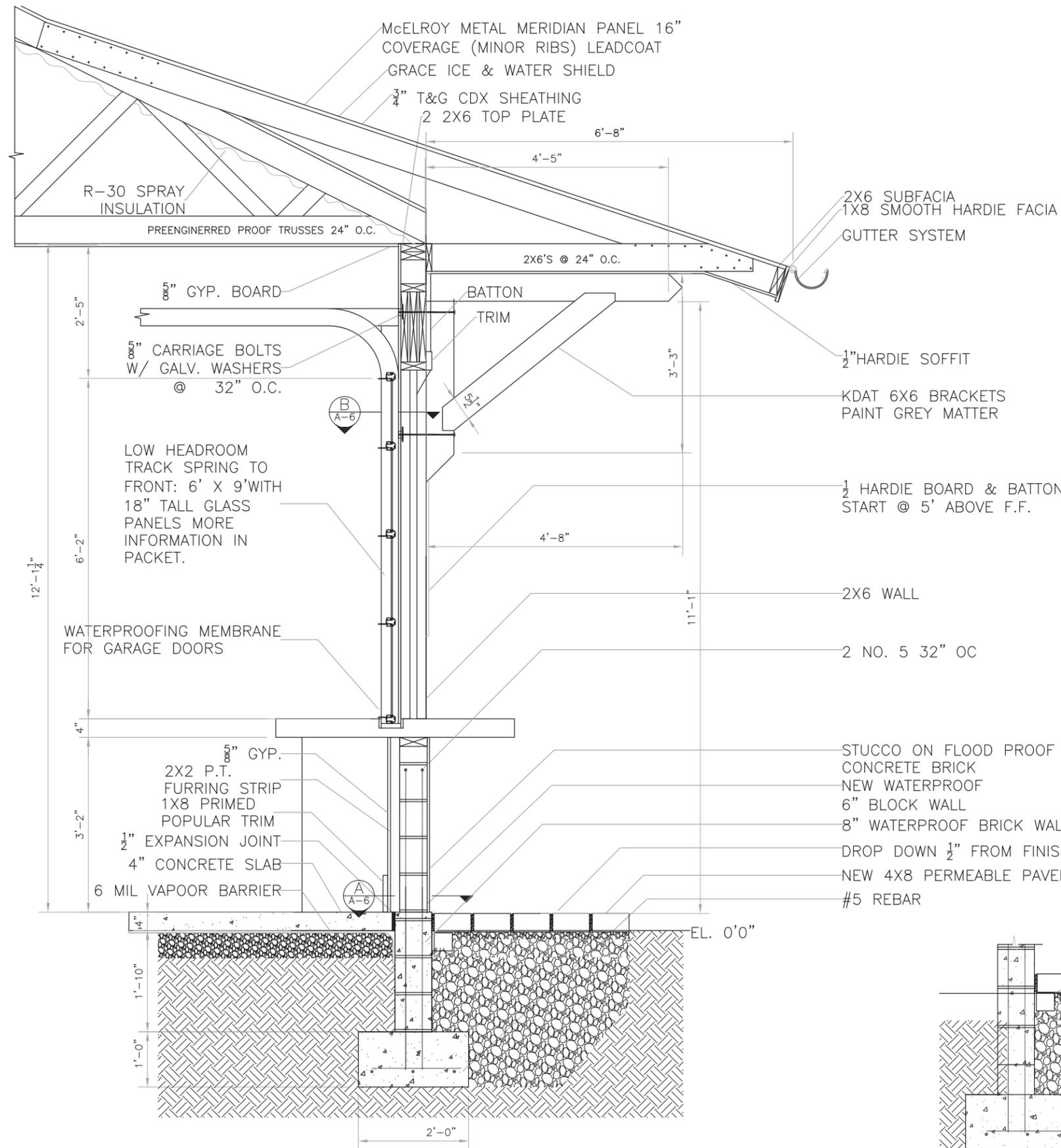
LEGEND:

	TREE SIZES ARE INCHES IN DIAMETER
	SPOT ELEVATION
	CONTOUR
	CONC. O. CONCRETE MONUMENT, OLD (FOUND)
	LO. IRON REBAR, OLD (FOUND)
	LN. IRON REBAR, NEW (SET)
	OMYT GRAPE MYRTLE
	GUM GUM
	HOL HOLLY
	LO LIVE OAK
	FLM PALMETTO
	PN PINE
	PN LOB LOBLOLLY PINE
	TUP TUPELO
	WO WATER OAK
	TREE TO BE REMOVED
	ACRE ACRE
	AC AIR CONDITIONER
	FFE FINISHED FLOOR ELEVATION
	LP LAMP POST
	NTS NOT TO SCALE
	N/O NOW OR FORMERLY
	R/W RIGHT OF WAY
	SSMH SANITARY SEWER MANHOLE
	SN SIGN
	TBM TEMPORARY BENCH MARK
	TEL TELEPHONE JUNCTION BOX
	TRNF ELECTRIC TRANSFORMER
	WV WATER VALVE
	PERVIOUS PAVERS

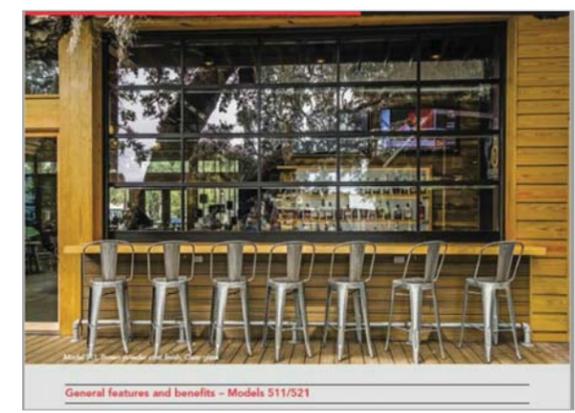
TREE DATA

TREE CALIPRE CALCULATIONS	21,282 LOT S.F. / 43,560 ACRE = 0.488 ACRE
60% LOT COVERAGE x 21,282 = 12,769 MAX. IMPERVIOUS	
40% MIN. PERVIOUS AREA = 8528 S.F.	
ACI REQUIRED = 900 PER ACRE OF PERVIOUS AREA 8528 S.F. (0.196 ACRE) x 900 ACI = 176.4 ACI	
PRE-DEVELOPMENT ACI FROM TREE TALLY 309 DBH	
POST-DEVELOPMENT FROM TREE TALLY 198 DBH	
NO SUPPLEMENTAL PLANTING NEEDED	



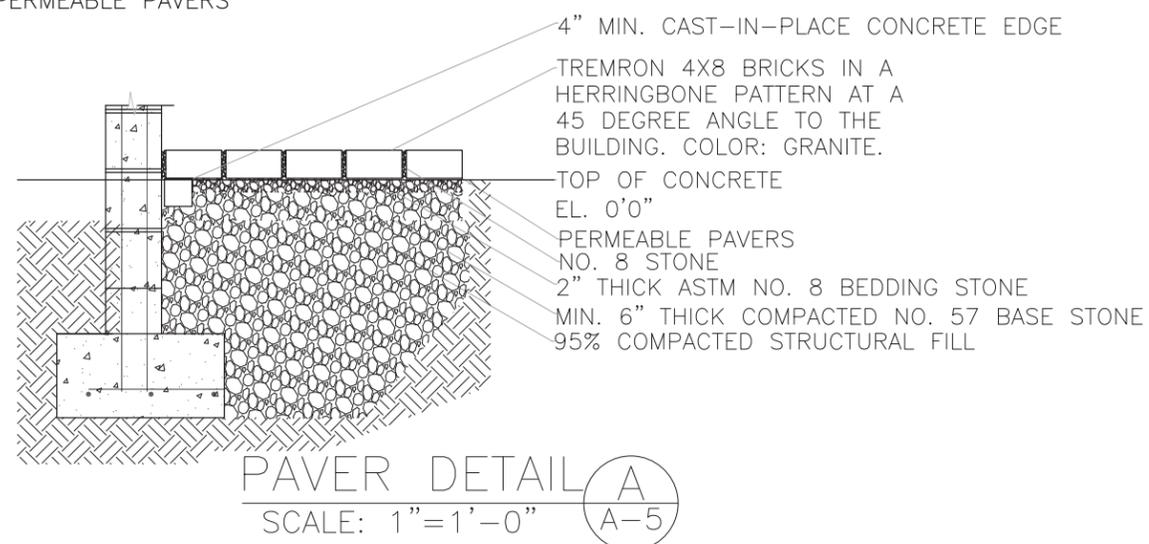


GARAGE DOOR PANEL DETAIL (C)
 SCALE: 1"=1'-0" (A-5)

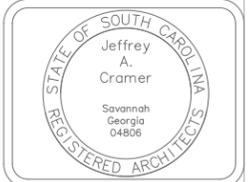


GARAGE DOOR

BAR WINDOW DETAIL (A)
 SCALE: 1"=1'-0" (A-1)



PAVER DETAIL (A)
 SCALE: 1"=1'-0" (A-5)



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REVISIONS

DIVERSIFIED DESIGNS P.C.
 P.O. BOX 1997, 11 JONES AVE.
 TYBEE ISLAND, GA, 31328
 EMAIL: diversifiedesigns@outlook.com
 (912)786-7945 (600)858-4125
 (912)786-7944 (912)786-7943 FAX

A PROPOSED RESTAURANT @
 #8 OFFICE WAY
 HILTON HEAD ISLAND, SC

DRAWN BY: TAYLOR HANKINSON
 CHECKED BY:
 DATE: 02/23/2021
 SCALE: NOTED
 PROJECT# 00_000_00

PERMIT SET A-5

DESIGN TEAM/DRB COMMENT SHEET

*The comments below are staff recommendations to the Design Review Board (DRB)
and do NOT constitute DRB approval or denial.*

PROJECT NAME: Fern Iam Restaurant

DRB#: DRB-000423-2021

DATE: 02/26/2021

RECOMMENDATION: Approval Approval with Conditions Denial

RECOMMENDED CONDITIONS:

1. Submit a landscape plan with little or no lawn.

LANDSCAPE DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Large grassed lawn areas encompassing a major portion of the site are avoided	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Staff suggest the applicant use the previous landscape plan with the revisions suggested by the DRB.

MISC COMMENTS/QUESTIONS



Town of Hilton Head Island
 Community Development Department
 One Town Center Court
 Hilton Head Island, SC 29928
 Phone: 843-341-4757 Fax: 843-842-8908
www.hiltonheadislandsc.gov

FOR OFFICIAL USE ONLY	
Date Received:	_____
Accepted by:	_____
DRB #:	_____
Meeting Date:	_____

Applicant/Agent Name: Isabella Klitz Company: Hart Howerton
 Mailing Address: _____ City: _____ State: _____ Zip: _____
 Telephone: 917-699-3971 Fax: _____ E-mail: iklitz@harthowerton.com
 Project Name: Quarterdeck Restaurant Project Address: 160 Lighthouse Road
Hilton Head, SC
 Parcel Number [PIN]: R _____
 Zoning District: _____ Overlay District(s): _____

**CORRIDOR REVIEW, MAJOR
 DESIGN REVIEW BOARD (DRB) SUBMITTAL REQUIREMENTS**

Digital Submissions may be accepted via e-mail by calling 843-341-4757.

Project Category:
 Concept Approval – Proposed Development Alteration/Addition
 Final Approval – Proposed Development Sign

Submittal Requirements for *All* projects:

Private Architectural Review Board (ARB) Notice of Action (if applicable): When a project is within the jurisdiction of an ARB, the applicant shall submit such ARB’s written notice of action per LMO Section 16-2-103.I.4.b.iii.01. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.

Filing Fee: Concept Approval-Proposed Development \$175, Final Approval – Proposed Development \$175, Alterations/Additions \$100, Signs \$25; cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:
Concept Approval – Proposed Development

- A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
- A site analysis study to include specimen trees, access, significant topography, wetlands, buffers, setbacks, views, orientation and other site features that may influence design.
- A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis results.
- Context photographs of neighboring uses and architectural styles.
- Conceptual site plan (to scale) showing proposed location of new structures, parking areas and landscaping.
- Conceptual sketches of primary exterior elevations showing architectural character of the proposed development, materials, colors, shadow lines and landscaping.

Additional Submittal Requirements:

Final Approval – Proposed Development

- _____ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-3-106.F.3.
- _____ Final site development plan meeting the requirements of Appendix D: D-6.F.
- _____ Final site lighting and landscaping plans meeting the requirements of Appendix D: D-6.H and D-6.I.
- _____ Final floor plans and elevation drawings (1/8"=1'-0" minimum scale) showing exterior building materials and colors with architectural sections and details to adequately describe the project.
- _____ A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.
- _____ Any additional information requested by the Design Review Board at the time of concept approval, such as scale model or color renderings, that the Board finds necessary in order to act on a final application.

Additional Submittal Requirements:

Alterations/Additions

- _____ All of the materials required for final approval of proposed development as listed above, plus the following additional materials.
- _____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
- _____ Photographs of existing structure.

Additional Submittal Requirements:

Signs

- _____ Accurate color rendering of sign showing dimensions, type of lettering, materials and actual color samples.

For freestanding signs:

- _____ Site plan (1"=30' minimum scale) showing location of sign in relation to buildings, parking, existing signs, and property lines.
- _____ Proposed landscaping plan.

For wall signs:

- _____ Photograph or drawing of the building depicting the proposed location of the sign.
- _____ Location, fixture type, and wattage of any proposed lighting.

Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Appendix D: D-23.

A representative for each agenda item is strongly encouraged to attend the meeting.

Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If yes, a copy of the private covenants and/or restrictions must be submitted with this application. YES NO

To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property only and are a right or obligation transferable by sale.

I further understand that in the event of a State of Emergency due to a Disaster, the review and approval times set forth in the Land Management Ordinance may be suspended.



2/26/21

SIGNATURE

DATE

**SEA PINES ARCHITECTURAL REVIEW BOARD
MINUTES - FEBRUARY 2, 2021
Sea Pines Community Center**

Present: J N Richardson - Chairman
Susan Johnson - Terry Rosser
Tom Parker - Lee Stevens
Arlene Pierpaoli - Dan Fuller
Joy Shapiro

Absent:

Staff: Ken Rabon - Suzanne Sherman

Visitors: Will Guenther - Visiting Architectural Consultant
Cliff McMackin - David Rau - Isabella Kleitz

A. Minutes of January 26, 2021 meeting: The minutes for the meeting were reviewed. Mrs. Pierpaoli made a motion to approve the minutes. Seconded by Mrs. Johnson, the motion carried unanimously.

B. PERMIT REVIEW:

- 1. 15 Lawton Oaks/4834B/DeVries - Plans were submitted to enclose the existing porch and extend the rear deck. Mrs. Shapiro made a motion to approve the plans. Seconded by Mr. Parker, the motion carried 6-0.**
- 2. Quarterdeck/6009/SPR - Revised plans for the Quarterdeck were submitted for approval. Mrs. Johnson made a motion to grant preliminary approval to the plans. Seconded by Mr. Fuller, the motion carried 6-0. The members would like more information regarding the proposed awning approach to the entrance to the restaurant as well as some other architectural devices to bring more importance to the entrance. Final plans were also submitted for the harbour master's cottage. Mr. Parker made a motion to approve the plans. Seconded by Mrs. Johnson, the motion carried 6-0. It was suggested that the**

rectangular pedestrian walk up window would be more aesthetically pleasing if it were round. This would add to the nautical theme of the area. It was also suggested that the applicant consider updating the gas pumps as they are old, worn and tired looking. Exterior colors for both projects must be submitted on site at the appropriate time.

3. **15 Gull Point/4193C/Sheppard - Revised plans were submitted for additions and alterations. Mrs. Pierpaoli made a motion to approve the plans. Seconded by Mrs. Shapiro, the motion carried 6-0.**

4. **Ketch Court/Ketch Court I - Plans were submitted to replace and add to the landscape lighting. The plans were reviewed by Alan Jackson, the ARB landscape lighting consultant who recommended that the bollard wattage be reduced to 5 watts and the spotlight wattage reduced to 12 watts. With this recommendation, Mr. Fuller made a motion to approve the lighting. Seconded by Mr. Parker, the motion carried 6-0.**

5. **10 Snowy Egret/6011/Gecko - Final plans were submitted for this new SFR. Mrs. Johnson made a motion to approve the plans. Seconded by Mrs. Pierpaoli, the motion carried 6-0.**

6. **N Baynard Cove III3329C/Heins - A request was submitted to reconsider the plans for this covered porch addition. Mrs. Shapiro made a motion to approve the plans providing the applicant use fiberglass shingles over ice and water shield or a flat roof. Seconded by Mrs. Pierpaoli, the motion carried 6-0.**

7. **8 West Royal Tern/5971/Gordon - A landscape plan was submitted for this new SFR. The matter was deferred for photos of the house to fully evaluate the landscape plan.**

8. **39 Twin Pines/5977/Shaugnessy - A landscape plan was submitted for this new SFR. The matter was deferred**

for photos of the house to fully evaluate the landscape plan.

With no further business, the meeting concluded at 2:15 pm.

Respectfully submitted,

Arlene Pierpaoli,

Quarterdeck Final DRB Submittal

2/26/21

Responses to DRB Preliminary Meeting Comments

1. See updated landscape drawings for:
 - a) Potted plants at market elevation
 - b) Bollards between boardwalk in front of market and drop-off loop
 - c) Additional lower kick rail added at terrace railings in landscape details
 - d) "Bocci Court" renamed "Games Area" to more accurately reflect its intended function
 - e) Seat back of bench clearly noted to have a medium fine level of tabby to ensure comfort
2. See updated architectural drawings for:
 - a) We have updated our roof and dormer design to only have metal roofs at the long shed dormers. These will be galvalume in a dark gray shade to match the shingle color and will have minimal reflectivity.
 - b) Additional annotations on our exterior details show that the typical eave overhangs 24"; we were concerned that any deeper would stray too much from the Portofino-inspired eaves at the rest of Harbour Town.
 - c) We have added drawings to depict our entry gangway canopy more clearly. There will be minimal Quarterdeck "signage" here, and we will submit a separate application to review signage site wide.
 - d) We will have levels of tabby: course with more individual shell articulation at the high gable ends, and medium fine at eye-level, touchable areas. These layers will add texture to the building and distinguish the moments we've intended to be tabby.
3. The ice machine is at the crushed shell path level behind the back bar of the semicircular outdoor bar. A low wall will be built between the ice machine and back bar to screen views of one from the other.
4. We reviewed the Harbour Master building location and confirmed that there is 8' clearance between it and the fuel pump fence and 10' of clearance from the sea wall.
5. Below is a rough rendering of the view as you walk around the harbor. The re-orientation of the building actually opens up the view to the water despite the addition of the Harbour Master's office.



6. Below is a rendering of the string lights carrying from lamp post to lamp post, guiding the guest out to the pier. There is also loose tables and chairs all along the boardwalk in front of the market, making the subtle string lights part of the dining experience.



7. Forthcoming physical Color Board should address comments about "natural" colors
8. Photometric plans and lighting cut sheets are included.
9. ARB letter of preliminary approval pending color mock ups is included.

THIS FIXTURE LIST IS A SUMMARY OF ALL LIGHTING FIXTURE TYPES SHOWN ON THE LD*** DRAWINGS. IT IS NOT A COMPLETE SPECIFICATION. REFER TO LIGHTING CATALOG CUT SHEETS FOR DETAILED SPECIFICATIONS. INFORMATION ON THE CUT SHEETS TAKES PRECEDENCE OVER THIS LIST. DO NOT USE THIS LIST FOR PRICING.

FIXT TYPE	FIXTURE DESCRIPTION	LAMP / FIXT	LAMP SPEC	LAMP WATTAGE	FIXT WATTAGE	INPUT VOLTAGE	PWR CTRL METHOD	REMOTE XFMR?	DATA REQ'D	FIXTURE LOCATION
EXTERIOR (V's)										
VB	EXTERIOR RECESSED STEPLIGHT WITH SHIELDED	1	27K LED	7.5 w	7.5 w	12vAC	P/S	Y	-	OAK TREE STAIRS
VB-X	REMOTE POWER SUPPLY				-	120v	FWD	-	-	
VC	EXTERIOR LINEAR LED LIGHT STRIP	1	27KLED	12.0 w	12.0 w	120v	REV	N	-	LIGHTHOUSE UPLIGHTS
VD	EXTERIOR LINEAR LED LIGHT STRIP	1	27KLED	4.0 w	4.0 w	120v	REV	N	-	LIGHTHOUSE DOWNLIGHTS
VF	EXTERIOR SURFACE MOUNTED UPLIGHT WITH ACCESSORIES	1	30K LED	8.0 w	8.0 w	120v	FWD	N	-	FLAG UPLIGHTS
VG	EXTERIOR LINEAR LED LIGHT STRIP	1	27K LED	1.4 w	1.4 w/ft	24vDC	P/S	Y	-	GANGWAY HANDRAIL
VG-X	REMOTE POWER SUPPLY				-	120v	FWD	-	-	
VH	EXTERIOR TREE MOUNTED ADJUSTABLE ACCENT WITH ACCESSORIES	1	27K LED	7.5 w	7.5 w	12vAC	P/S	Y	-	SIGNAGE UPLIGHTS
VH-X	REMOTE POWER SUPPLY				-	120v	FWD	-	-	
VJ	EXTERIOR STAKE MOUNTED ADJUSTABLE ACCENT WITH ACCESSORIES	1	30K LED	15.0 w	15.0 w	120v	FWD	N	-	OAK TREES
VK	EXTERIOR STAKE MOUNTED ADJUSTABLE ACCENT WITH ACCESSORIES	1	30K LED	15.0 w	15.0 w	120v	FWD	N	-	PALM TREES
VL	EXTERIOR STRING LIGHT WITH SHIELDED LAMP	1	VINTAGE LED	6.9 w	6.9 w/ft	120v	FWD	N	-	BOARDWALK STRING LIGHTS
VM	EXTERIOR STRING LIGHT WITH SHIELDED LAMP	1	VINTAGE LED	3.4 w	3.5 w/ft	120v	FWD	N	-	GANGWAY STRING LIGHTS
VP	EXTERIOR POLE MOUNTED FLOOD LIGHT WITH SHIELDED LAMP	1	27K LED	25.0 w	25.0 w	120v	FWD	N	-	BOARDWALK POLES
VQ	EXTERIOR RECESSED STEPLIGHT WITH SHIELDED	1	27K LED	7.5 w	7.5 w	12vAC	P/S	Y	-	PARKING LOT PATH
VQ-X	REMOTE POWER SUPPLY				-	120v	FWD	-	-	
VR	EXTERIOR RECESSED STEPLIGHT WITH SHIELDED	1	27K LED	7.5 w	7.5 w	12vAC	P/S	Y	-	SHELL PATH
VR-X	REMOTE POWER SUPPLY				-	120v	FWD	-	-	
VS	EXTERIOR RECESSED STEPLIGHT	1	27K LED	3.0 w	3.0 w	12vAC	P/S	Y	-	DECK MOUNTED STEPLIGHTS
VS-X	REMOTE POWER SUPPLY				-	120v	FWD	-	-	

LOUVERED STEP STAR (MR16 LAMP - CORE DRILL) IP65 RATED

DATE: PROJECT: TYPE:

CATALOG NUMBER LOGIC:



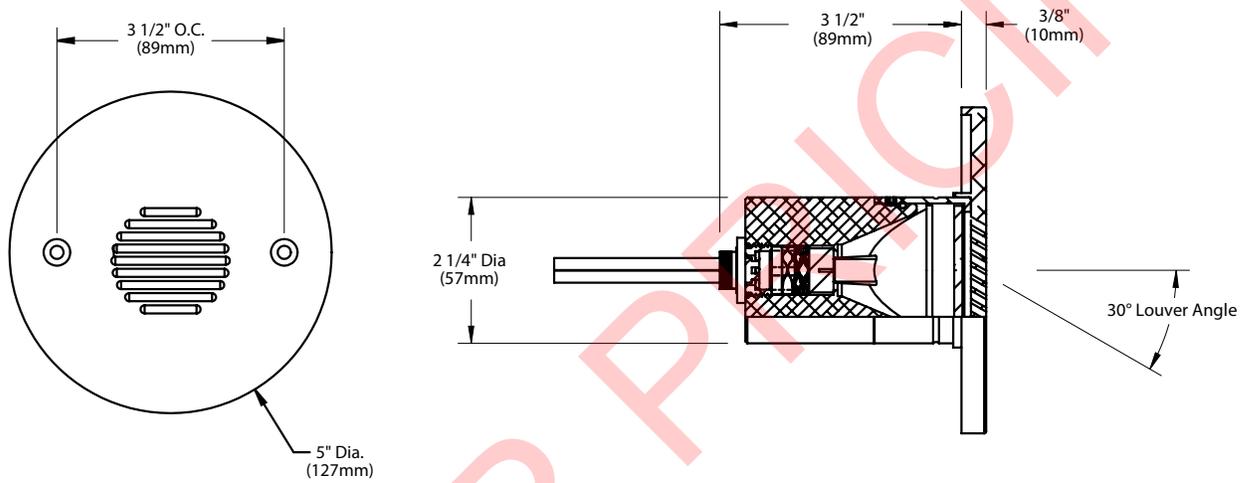
*Lamp details available on the next page.

CATALOG NUMBER LOGIC
Example: B - CD - SSL - MR - 359 - BLW - C
MATERIAL
(Blank) - Aluminum B - Brass S - Stainless Steel
INSTALLATION
CD - Core Drill
SERIES
SSL - Louvered Step Star
SOURCE
MR - MR16 Lamp
LAMP TYPE
0 - MR16 HALOGEN LAMP (Furnished by others)
MR16 LED (This choice requires lamp number selection)*
FINISH (See page 2 for full-color swatches)
Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)
Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRI, CRM, HUG, MDS, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)
Also available in RAL Finishes
Brass Finishes (MAC, POL, MIT)
Stainless Steel Finishes (MAC, POL)
LOUVER
C - 30° Angle, Round Pattern

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.

LOUVERED STEP STAR (MR16 LAMP - CORE DRILL) IP65 RATED

DATE: _____ PROJECT: _____ TYPE: _____

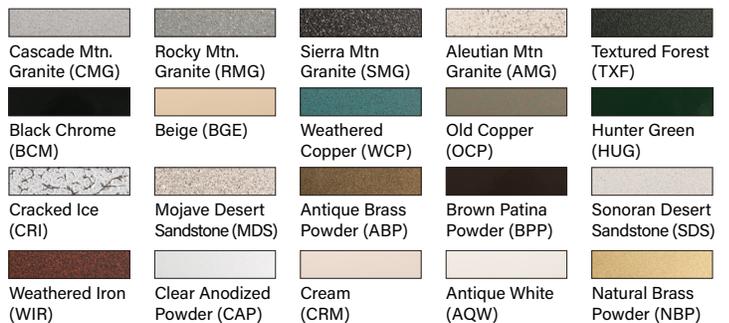


STANDARD FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

PREMIUM FINISHES



B-K LIGHTING | **MADE IN THE USA** | 559.438.5800 | INFO@BKLIGHTING.COM | BKLIGHTING.COM

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04/07/2020 SKU-548 SUB-1270-00



By SORAA™

MR16 LED LAMP

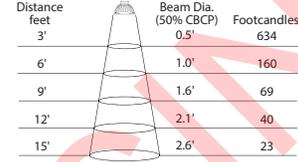


B-K Lamp # 359

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 10° Spot

Mfg. #: MR16-
SM16-07-10D-827-H1
Wattage: 7.5W
Lamp Efficacy: 77 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 8000
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 575

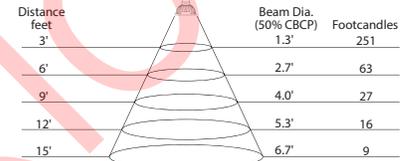


B-K Lamp # 361

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 25° Narrow Flood

Mfg. #: MR16-
SM16-07-25D-827-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 3170
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

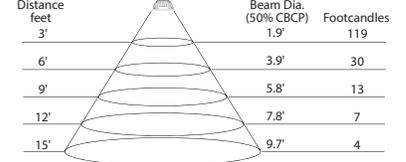


B-K Lamp # 362

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 36° Flood

Mfg. #: MR16-
SM16-07-36D-827-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 1550
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

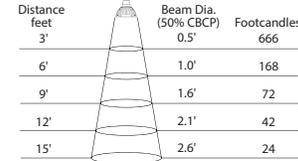


B-K Lamp # 363

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 10° Spot

Mfg. #: MR16-
SM16-07-10D-830-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 8400
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

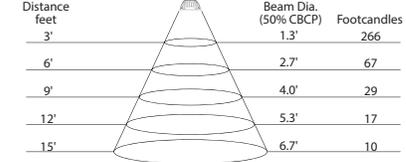


B-K Lamp # 365

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 25° Narrow Flood

Mfg. #: MR16-
SM16-07-25D-830-H1
Wattage: 7.5W
Lamp Efficacy: 84 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 3300
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 630

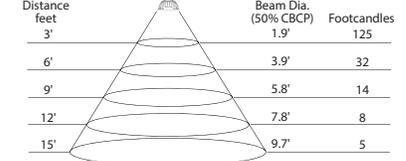


B-K Lamp # 366

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 36° Flood

Mfg. #: MR16-
SM16-07-36D-830-H1
Wattage: 7.5W
Lamp Efficacy: 84 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 1650
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 630



OVERVIEW • SPECIFICATIONS • ORDERING

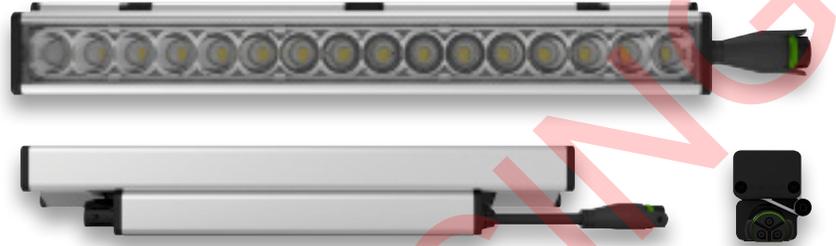
INTERIOR + EXTERIOR | L50 GRAZE

DATE	PROJECT	FIRM	TYPE
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THE L50 INCLUDES PATENTED OPTICAL DESIGN THAT DELIVERS THE WIDEST RANGE OF BEAM ANGLE OPTIONS FOR PRECISE COVE, WALL GRAZING, WALL WASHING OR LINE OF LIGHT APPLICATIONS. EXCLUSIVE FLIP TO FLAT™ HINGE DESIGN PROVIDES FLEXIBILITY WHEN MANAGING SMALL COVE DETAILS. TROV OFFERS SMOOTH, FLICKER FREE DIMMING DOWN TO 0%.

FEATURES :

- DIM TO 0%, ELV REVERSE PHASE
- 24 BEAM ANGLES
- MULTI-VOLT
- FLIP TO FLAT™
- 6 CCT OPTIONS
- 80+ AND 90+ CRI OPTIONS
- IP54 INTERIOR AND IP66 EXTERIOR OPTIONS



MODEL/ SIZE	INTERIOR/ EXTERIOR	LENGTH	POWER	CCT	CRI	VOLTAGE	OPTICS
WATTAGE AND OPTIC TBD PENDING ONSITE MOCKUP.							
L50	I E	12" 48"	02 04 06 08 10 12	WHITE CCT 22 27 30 35 40 50	MONO COLOR GR**** BL AM RD***	80 90* Blank For Color	MULT (120-277V) GRAZING 9 x 9 9 x 17 9 x 29 9 x 59 15 x 15 15 x 23 15 x 35 15 x 65 COVE 120** Asym LINE OF LIGHT LOL WASHING 25 x 25 25 x 33 25 x 45 25 x 75 39 x 9 55 x 25 40 x 40 40 x 48 40 x 60 40 x 90 45 x 15 70 x 40 70 x 70

EXAMPLE: L50-I-48-10-27-90-MULT-15x65 *90 CRI not available in 2200K or 5000K **120 is only available with Exterior option. See L35 spec sheet for interior cove options. ***Red is not available in 12W or 10W. ****Green is not available in 12W.

PERFORMANCE	WATTS	OPTIC	LUMEN OUTPUT	EFFICACY
	2W	9° x 29°	110 lm/LF (361 lm/m)	55 lm/W
	4W	9° x 29°	302 lm/LF (1037 lm/m)	76 lm/W
	6W	9° x 29°	482 lm/LF (1614 lm/m)	80 lm/W
	8W	9° x 29°	675 lm/LF (2224 lm/m)	84 lm/W
	10W	9° x 29°	785 lm/LF (2644 lm/m)	79 lm/W
	12W	9° x 29°	923 lm/LF (3109 lm/m)	77 lm/W

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

COLOR RENDERING INDEX	80+, 90+
COLOR CONSISTENCY	2-STEP MACADAM ELLIPSE
LUMEN DEPRECIATION / RATED LIFE	WATTS L70 @ 25C L70 @ 50C L90 @ 25C L90 @ 50C
	2W-12W >150,000 >70,000 >50,000 >25,000

* CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR

ELECTRICAL	POWER CONSUMPTION	2W*/LF (6.6W/M); 4W/LF (13.2W/M); 6W/LF (19.8W/M); 8W/LF (26.4W/M); 10W/LF (33W/M); 12W/FL (39.6W/M) * 3W*/LF (9.9W/M) at 220V -277V
------------	-------------------	---

MAX FIXTURE RUN LENGTH

Volts	2W/LF		4W/LF		6W/LF		8W/LF		10W/LF		12W/LF	
	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'
120	214	214	186	186	152	152	114	114	91	91	76	76
220	374	392	340	340	277	277	209	209	95	167	95	139
277	374	494	374	428	349	349	263	263	95	190	95	175

POWER FACTOR 4W, 6W, 8W, 10W, 12W >0.9, 2W<0.9
OPERATING VOLTAGE MULTIVOLT: 110-277VAC, 50/60 Hz
DRIVER INTEGRAL TO FIXTURE; DE-RATED POWER AND SYNCHRONOUS START-UP AT FULL BRIGHTNESS
STARTUP TEMPERATURE -40°F TO 122°F (-40°C TO 50°C)
OPERATING TEMPERATURE -40°F TO 122°F (-40°C TO 50°C)
STORAGE TEMPERATURE -40°F TO 176°F (-40°C TO 80°C)

NOTE: Information on this Spec Sheet is subject to change, please visit ecosenselighting.com/downloads/rise for the most updated information.

OVERVIEW • SPECIFICATIONS

ACCESSORIES | LOUVER

DATE	PROJECT	FIRM	TYPE
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TROV LOUVERS PROVIDE CUTOFF OF GLARE FOR WALL GRAZING APPLICATIONS WHERE THE FIXTURES ARE VISIBLE WITHOUT CAUSING SIGNIFICANT LIGHT LOSS.

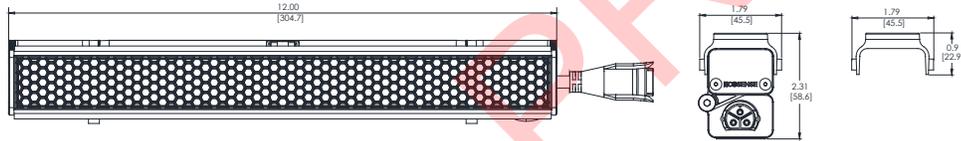
FEATURES :

- COMPATIBLE WITH L50 SERIES FIXTURES ONLY
- SNAP-ON 1FT SECTIONS
- HIGH IMPACT, UV STABILIZED, NON-CORROSIVE TEXTURED POLYCARBONATE

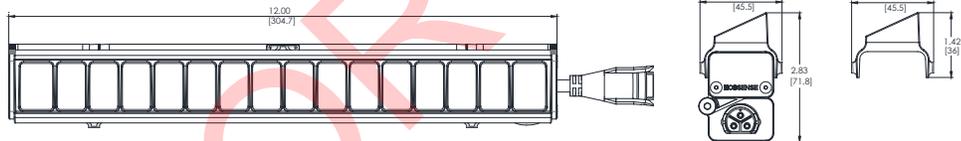


PHYSICAL	HONEYCOMB	SYMMETRIC	ASYMMETRIC	DIMENSIONS	DIMENSIONS	DIMENSIONS	MATERIAL	FINISH
				W 1.79" x H 2.31" x L 11.77" ; (45.5mm x 58.6mm x 299mm) APPROX	W 1.79" x H 1.42" x L 11.77" ; (45.5mm x 36mm x 299mm) APPROX	W 1.79" x H 1.11" x L 11.77" ; (45.5mm x 28.1mm x 299mm) APPROX	BLACK POLYCARBONATE	BLACK

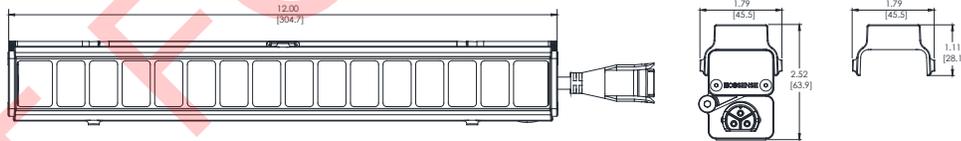
HONEYCOMB



ASYMMETRIC



SYMMETRIC



ORDERING

TYPE	MODEL/SIZE	FINISH	LENGTH
LV - LOUVER	L50	HCOMB - HONEYCOMB SYM - SYMMETRIC ASYM - ASYMMETRIC	→ 12 - 12" 48 - 48"

EXAMPLE LV-L50-SYM-12

Compatible with L50 series fixtures only. NOT recommended with beams wider than 15°. Louvers are only available in 12" lengths. The 48" option comes with four 12" louvers.

LIMITED WARRANTY 5 YEARS

ECOSENSE LIGHTING INC.
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2017/0131

OVERVIEW • SPECIFICATIONS • ORDERING

INTERIOR + EXTERIOR | L50 GRAZE

DATE	PROJECT	FIRM	TYPE
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OPTIONAL ACCESSORIES

Masking Plates

Masking Plate, 3 inch high, 12 inch, L50 & L35 MP-L50-3H-12
Masking Plate, 3 inch high, 48 inch, L50 & L35 MP-L50-3H-48

Masking Plates needed = One 12" plate is needed per 12" fixture and one 48" plate is needed per 48" fixture.

Landscape Stake

Landscape Stake, 6 inch, TROV, Set of 2 LS-L-STK-06
Landscape Stake, 12 inch, TROV, Set of 2 LS-L-STK-12
Landscape Stake, 18 inch, TROV, Set of 2 LS-L-STK-18

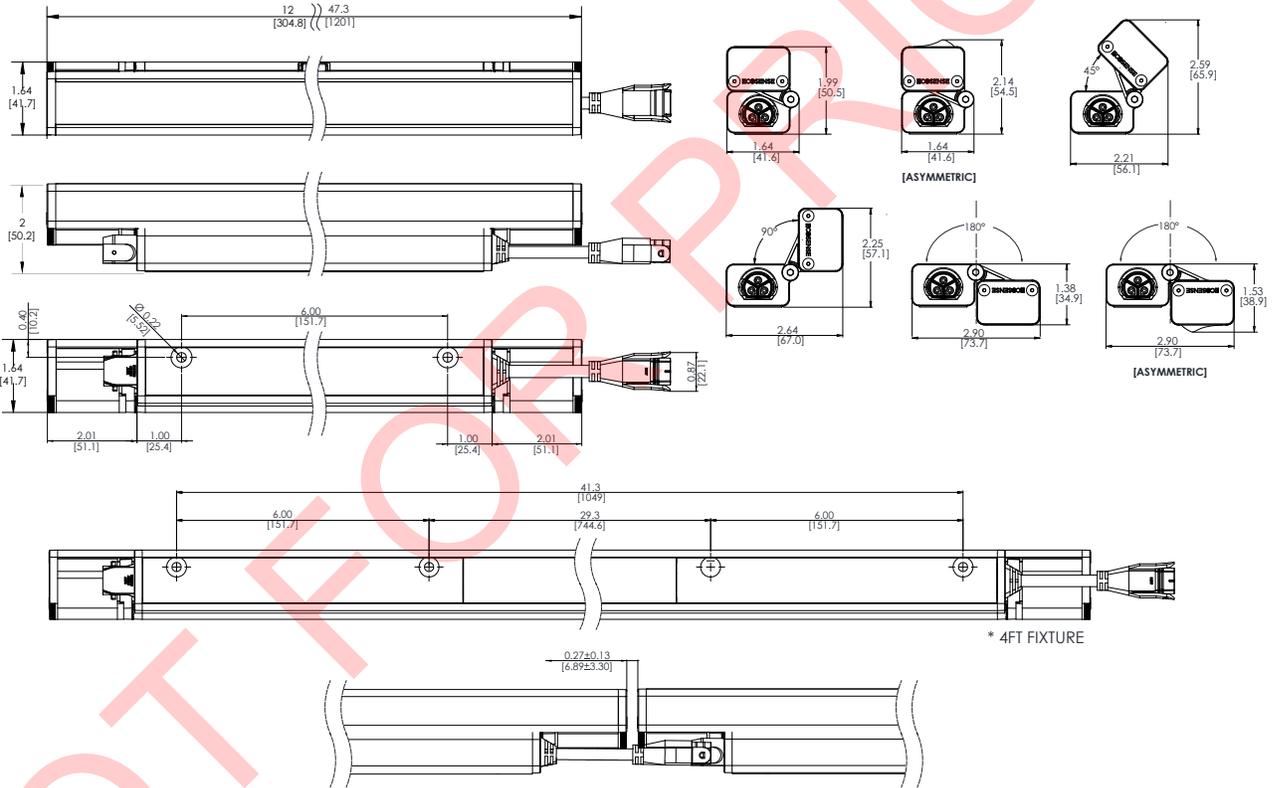
Landscape Stakes needed = 12" and 48" fixtures both need one set of 2.

Wire Box

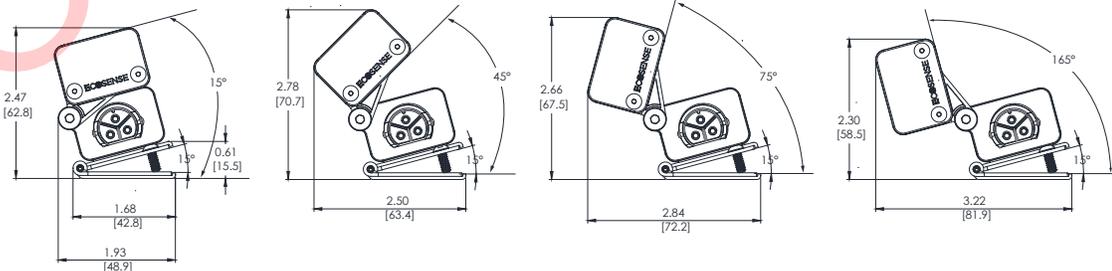
Conduit Connection, Wire Box, TROV, Interior Only, L50 CC-L-WIREBOX

Wire box can be used instead of a leader cable to start a run. 1/2" conduit fitting can attach directly to the box on one end and the fixture to the other.

DIMENSIONS + MOUNTING



Fine Adjustable Bracket:



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OVERVIEW • SPECIFICATIONS

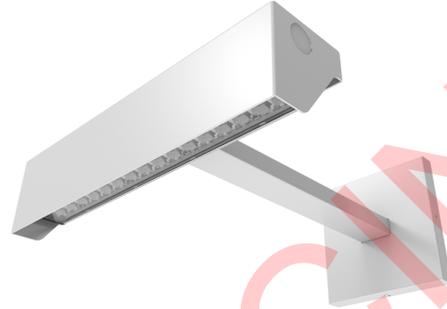
ACCESSORIES | SINGLE WALL MOUNT ARM

DATE	PROJECT	FIRM	TYPE
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TROV SINGLE MOUNTING PLATES ARE USED TO HOLD ONE 12" FIXTURE WITH ONE ARM. THEY ARE IDEAL FOR INDIVIDUALLY MOUNTING 12" FIXTURES OR FOR JOINING 12" FIXTURES ALONG A CURVED WALL. THEY ALLOW FOR INDIVIDUAL POWER CONNECTIONS TO A JUNCTION BOX FOR EACH FIXTURE. A PASS THROUGH HOLE CAN BE DRILLED IN THE SIDE FOR CONTINUOUS POWER CONNECTIONS.

FEATURES :

- COMPATIBLE WITH L35 AND L50 SERIES FIXTURES
- AVAILABLE IN 6", 12", 18" AND 24" LENGTHS
- MOUNTS TO ALL COMMON JUNCTION BOXES
- NO VISIBLE MOUNTING HARDWARE OR LEADER CABLE



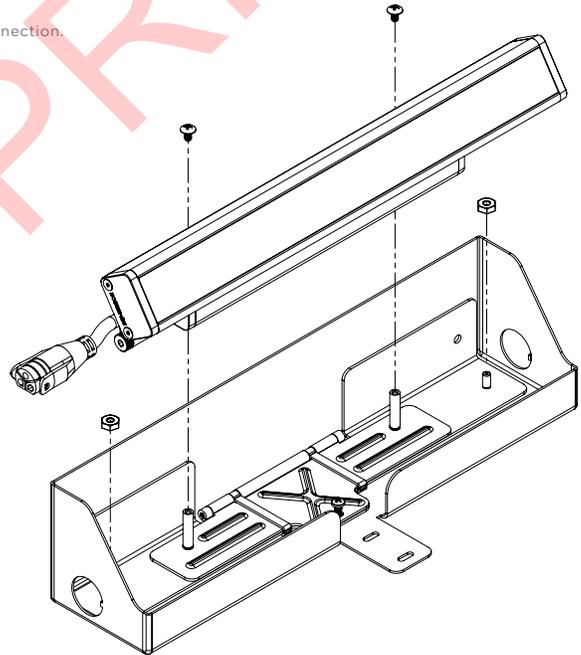
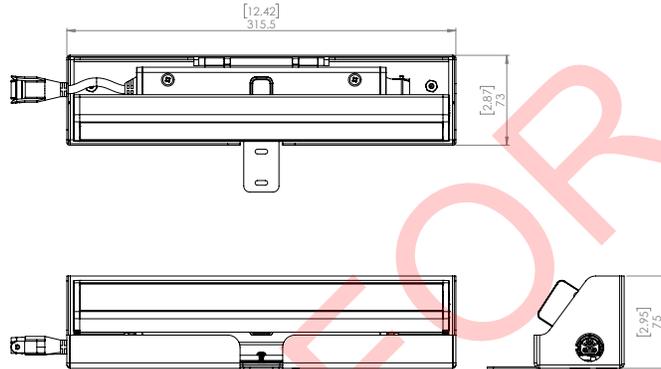
PHYSICAL

**DIMENSIONS
MATERIAL**

W 12.42" x H 2.87" x L 2.95" ; (315.5mm x 73mm x 75mm)
ARMS AND CANOPY: PAINTED SILVER

SINGLE WALL MOUNT ARM FOR L35 AND L50

For continuous end-to-end row mounting, order one jumper cable, CBL-3P-L-UNV-01, per connection.



ORDERING

PART NUMBER	DESCRIPTION
WMA-L-CA-06	6 INCH WALL MOUNT ARM
→ WMA-L-CA-12	12 INCH WALL MOUNT ARM
WMA-L-CA-18	18 INCH WALL MOUNT ARM
WMA-L-CA-24	24 INCH WALL MOUNT ARM
WMA-L-SINGLE*	WALL MOUNT ARM SINGLE PLATE

*ONE MNT-L-LFAB IS REQUIRED PER SINGLE PLATE AND IS INCLUDED WITH IT.

LIMITED WARRANTY 5 YEARS

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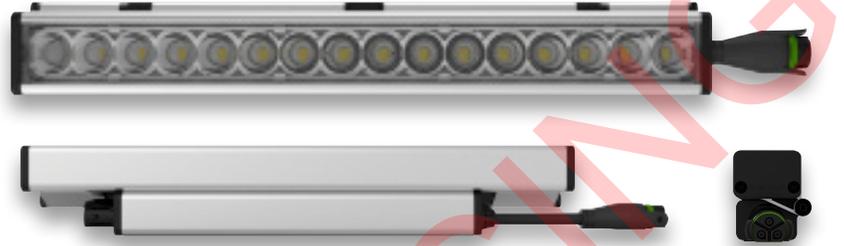
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OVERVIEW • SPECIFICATIONS • ORDERING

INTERIOR + EXTERIOR | L50 GRAZE

DATE	PROJECT	FIRM	TYPE
------	---------	------	------

THE L50 INCLUDES PATENTED OPTICAL DESIGN THAT DELIVERS THE WIDEST RANGE OF BEAM ANGLE OPTIONS FOR PRECISE COVE, WALL GRAZING, WALL WASHING OR LINE OF LIGHT APPLICATIONS. EXCLUSIVE FLIP TO FLAT™ HINGE DESIGN PROVIDES FLEXIBILITY WHEN MANAGING SMALL COVE DETAILS. TROV OFFERS SMOOTH, FLICKER FREE DIMMING DOWN TO 0%.



FEATURES :

- DIM TO 0%, ELV REVERSE PHASE
- 24 BEAM ANGLES
- MULTI-VOLT
- FLIP TO FLAT™
- 6 CCT OPTIONS
- 80+ AND 90+ CRI OPTIONS
- IP54 INTERIOR AND IP66 EXTERIOR OPTIONS

MODEL/ SIZE	INTERIOR/ EXTERIOR	LENGTH	POWER	CCT	CRI	VOLTAGE	OPTICS
WATTAGE AND OPTIC TBD PENDING ONSITE MOCKUP.							
L50	I E	12" 48"	02 04 06 08 10 12	WHITE CCT 22 27 30 35 40 50	MONO COLOR GR**** BL AM RD***	80 90* Blank For Color	MULT (120-277V) GRAZING 9 x 9 9 x 17 9 x 29 9 x 59 15 x 15 15 x 23 15 x 35 15 x 65 COVE 120** Asym LINE OF LIGHT LOL
							WASHING 25 x 25 25 x 33 25 x 45 25 x 75 39 x 9 55 x 25 40 x 40 40 x 48 40 x 60 40 x 90 45 x 15 70 x 40 70 x 70

EXAMPLE: L50-I-48-10-27-90-MULT-15x65 *90 CRI not available in 2200K or 5000K **120 is only available with Exterior option. See L35 spec sheet for interior cove options. ***Red is not available in 12W or 10W. ****Green is not available in 12W.

PERFORMANCE	WATTS	OPTIC	LUMEN OUTPUT	EFFICACY
	2W	9° x 29°	110 lm/LF (361 lm/m)	55 lm/W
	4W	9° x 29°	302 lm/LF (1037 lm/m)	76 lm/W
	6W	9° x 29°	482 lm/LF (1614 lm/m)	80 lm/W
	8W	9° x 29°	675 lm/LF (2224 lm/m)	84 lm/W
	10W	9° x 29°	785 lm/LF (2644 lm/m)	79 lm/W
	12W	9° x 29°	923 lm/LF (3109 lm/m)	77 lm/W

ALL LUMEN DATA IS FROM 4000K 80CRI FIXTURES. PLEASE SEE PHOTOMETRY SPEC SHEET FOR ADDITIONAL LUMEN DATA.

COLOR RENDERING INDEX	80+, 90+
COLOR CONSISTENCY	2-STEP MACADAM ELLIPSE
LUMEN DEPRECIATION / RATED LIFE	WATTS L70 @ 25C L70 @ 50C L90 @ 25C L90 @ 50C
	2W-12W >150,000 >70,000 >50,000 >25,000

*CALCULATIONS FOR LED FIXTURES ARE BASED ON MEASUREMENTS THAT COMPLY WITH IES LM-80 TESTING PROCEDURES AND IES TM-21 CALCULATOR

ELECTRICAL	POWER CONSUMPTION	2W*/LF (6.6W/M); 4W/LF (13.2W/M); 6W/LF (19.8W/M); 8W/LF (26.4W/M); 10W/LF (33W/M); 12W/FL (39.6W/M) * 3W*/LF (9.9W/M) at 220V -277V
------------	-------------------	---

Volts	2W/LF		4W/LF		6W/LF		8W/LF		10W/LF		12W/LF	
	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'	Max Run all 1'	Max Run all 4'
120	214	214	186	186	152	152	114	114	91	91	76	76
220	374	392	340	340	277	277	209	209	95	167	95	139
277	374	494	374	428	349	349	263	263	95	190	95	175

POWER FACTOR 4W, 6W, 8W, 10W, 12W >0.9, 2W<0.9
OPERATING VOLTAGE MULTIVOLT: 110-277VAC, 50/60 Hz
DRIVER INTEGRAL TO FIXTURE; DE-RATED POWER AND SYNCHRONOUS START-UP AT FULL BRIGHTNESS
STARTUP TEMPERATURE -40°F TO 122°F (-40°C TO 50°C)
OPERATING TEMPERATURE -40°F TO 122°F (-40°C TO 50°C)
STORAGE TEMPERATURE -40°F TO 176°F (-40°C TO 80°C)

NOTE: Information on this Spec Sheet is subject to change, please visit ecosenselighting.com/downloads/rise for the most updated information.



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OVERVIEW • SPECIFICATIONS • ORDERING

INTERIOR + EXTERIOR | L50 GRAZE

DATE	PROJECT	FIRM	TYPE
------	---------	------	------

OPTIONAL ACCESSORIES

Masking Plates

Masking Plate, 3 inch high, 12 inch, L50 & L35 MP-L50-3H-12
Masking Plate, 3 inch high, 48 inch, L50 & L35 MP-L50-3H-48

Masking Plates needed = One 12" plate is needed per 12" fixture and one 48" plate is needed per 48" fixture.

Landscape Stake

Landscape Stake, 6 inch, TROV, Set of 2 LS-L-STK-06
Landscape Stake, 12 inch, TROV, Set of 2 LS-L-STK-12
Landscape Stake, 18 inch, TROV, Set of 2 LS-L-STK-18

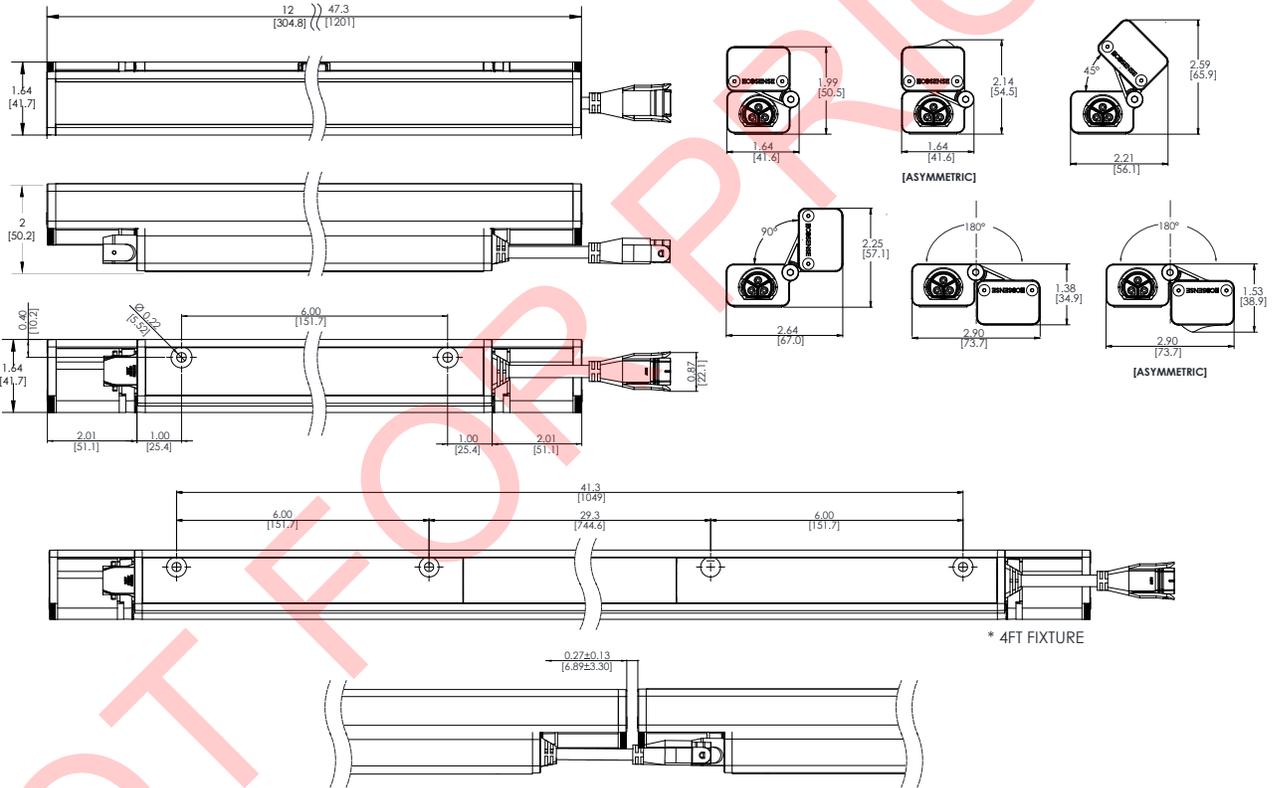
Landscape Stakes needed = 12" and 48" fixtures both need one set of 2.

Wire Box

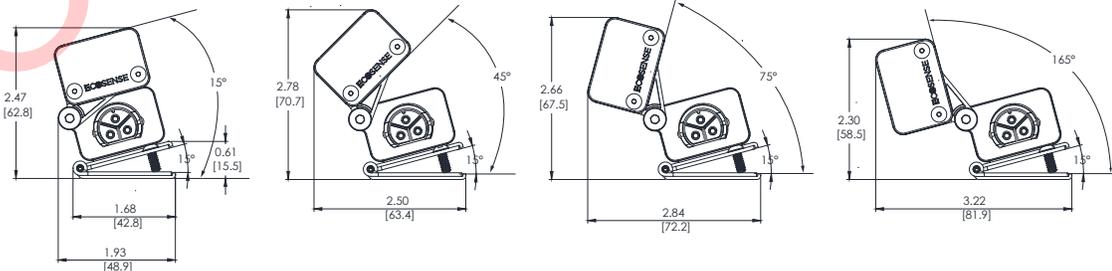
Conduit Connection, Wire Box, TROV, Interior Only, L50 CC-L-WIREBOX

Wire box can be used instead of a leader cable to start a run. 1/2" conduit fitting can attach directly to the box on one end and the fixture to the other.

DIMENSIONS + MOUNTING



Fine Adjustable Bracket:



OVERVIEW • SPECIFICATIONS

ACCESSORIES | LOUVER

DATE	PROJECT	FIRM	TYPE
------	---------	------	------

TROV LOUVERS PROVIDE CUTOFF OF GLARE FOR WALL GRAZING APPLICATIONS WHERE THE FIXTURES ARE VISIBLE WITHOUT CAUSING SIGNIFICANT LIGHT LOSS.

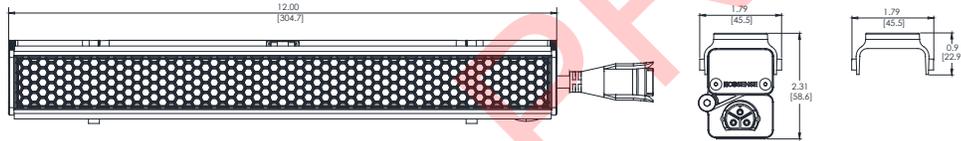
FEATURES :

- COMPATIBLE WITH L50 SERIES FIXTURES ONLY
- SNAP-ON 1FT SECTIONS
- HIGH IMPACT, UV STABILIZED, NON-CORROSIVE TEXTURED POLYCARBONATE

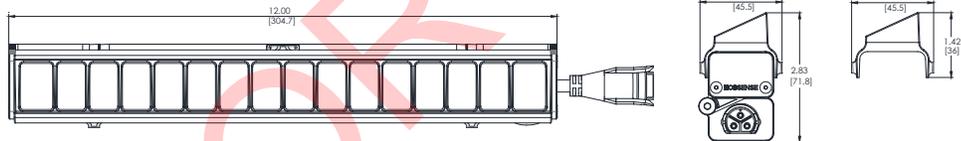


PHYSICAL	HONEYCOMB	SYMMETRIC	ASYMMETRIC	DIMENSIONS	DIMENSIONS	DIMENSIONS	MATERIAL	FINISH
				W 1.79" x H 2.31" x L 11.77" ; (45.5mm x 58.6mm x 299mm) APPROX	W 1.79" x H 1.42" x L 11.77" ; (45.5mm x 36mm x 299mm) APPROX	W 1.79" x H 1.11" x L 11.77" ; (45.5mm x 28.1mm x 299mm) APPROX	BLACK POLYCARBONATE	BLACK

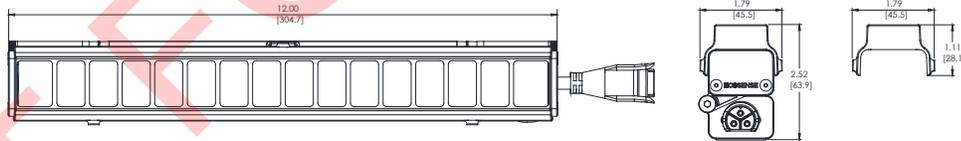
HONEYCOMB



ASYMMETRIC



SYMMETRIC



ORDERING

TYPE	MODEL/SIZE	FINISH	LENGTH
LV - LOUVER	L50	HCOMB - HONEYCOMB SYM - SYMMETRIC ASYM - ASYMMETRIC	→ 12 - 12" 48 - 48"

EXAMPLE LV-L50-SYM-12

Compatible with L50 series fixtures only. NOT recommended with beams wider than 15°. Louvers are only available in 12" lengths. The 48" option comes with four 12" louvers.

LIMITED WARRANTY 5 YEARS

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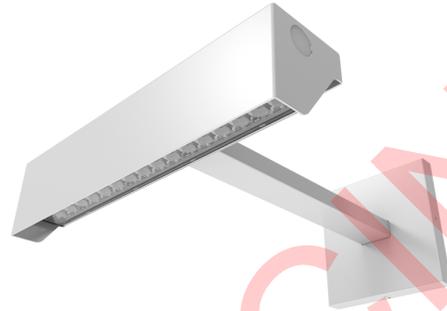
ACCESSORIES | SINGLE WALL MOUNT ARM

DATE	PROJECT	FIRM	TYPE
------	---------	------	------

TROV SINGLE MOUNTING PLATES ARE USED TO HOLD ONE 12" FIXTURE WITH ONE ARM. THEY ARE IDEAL FOR INDIVIDUALLY MOUNTING 12" FIXTURES OR FOR JOINING 12" FIXTURES ALONG A CURVED WALL. THEY ALLOW FOR INDIVIDUAL POWER CONNECTIONS TO A JUNCTION BOX FOR EACH FIXTURE. A PASS THROUGH HOLE CAN BE DRILLED IN THE SIDE FOR CONTINUOUS POWER CONNECTIONS.

FEATURES :

- COMPATIBLE WITH L35 AND L50 SERIES FIXTURES
- AVAILABLE IN 6", 12", 18" AND 24" LENGTHS
- MOUNTS TO ALL COMMON JUNCTION BOXES
- NO VISIBLE MOUNTING HARDWARE OR LEADER CABLE



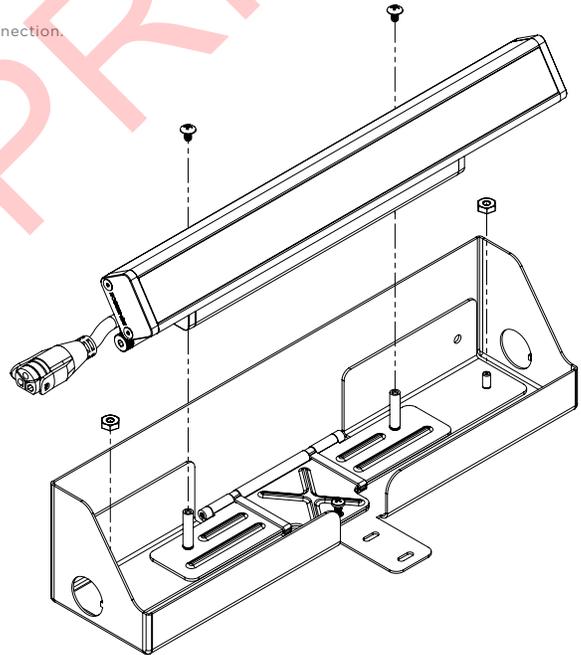
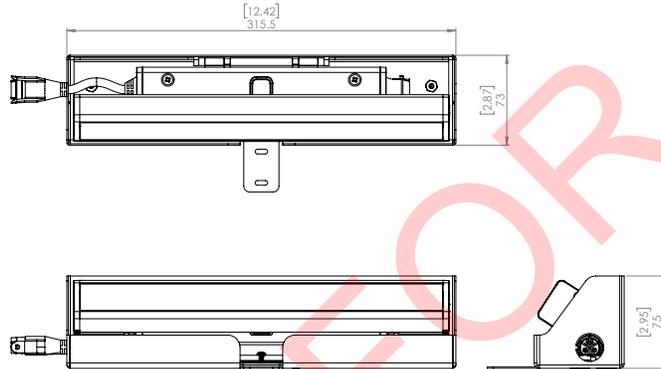
PHYSICAL

**DIMENSIONS
MATERIAL**

W 12.42" x H 2.87" x L 2.95" ; (315.5mm x 73mm x 75mm)
ARMS AND CANOPY: PAINTED SILVER

SINGLE WALL MOUNT ARM FOR L35 AND L50

For continuous end-to-end row mounting, order one jumper cable, CBL-3P-L-UNV-01, per connection.



ORDERING

PART NUMBER	DESCRIPTION
WMA-L-CA-06	6 INCH WALL MOUNT ARM
→ WMA-L-CA-12	12 INCH WALL MOUNT ARM
WMA-L-CA-18	18 INCH WALL MOUNT ARM
WMA-L-CA-24	24 INCH WALL MOUNT ARM
WMA-L-SINGLE*	WALL MOUNT ARM SINGLE PLATE

*ONE MNT-L-LFAB IS REQUIRED PER SINGLE PLATE AND IS INCLUDED WITH IT.

LIMITED WARRANTY 5 YEARS

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NEW

FA-PM SERIES FLAG POLE RINGS

landscape • entertainment • architectural • hospitality • illumination



FA-PM-7-2H-12V-CPR



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FOCUS INDUSTRIES **MOUNTING ACCESSORIES** **FA-PM POLE MOUNT RING** TYPE

SPECIFICATIONS

CONSTRUCTION: Aluminum or brass tree ring, 7" diameter.
Fits pole diameter of 5" and accommodates up to 2 fixtures
Optional diameters available.

MOUNTING: 3x 3/8" x 6" SS Hex Bolts (to secure to flag pole)
2x 3/8" x 1.5" SS Hex Bolts (closes ring)
2x 1/2" NPS fittings (secures two fixtures)

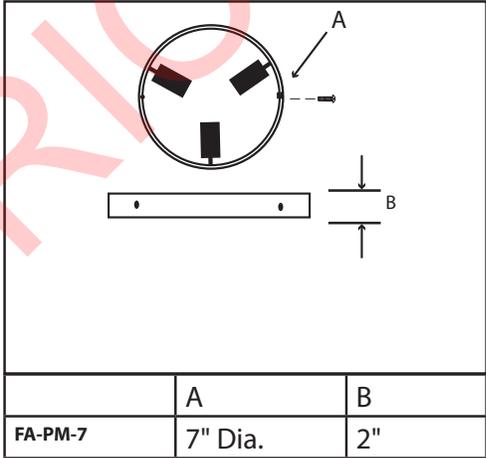
FINISH:
Aluminum - Black Texture (-BLT) or Bronze Texture (-BRT) powder coat
Brass - Unfinished (-BRS) or Acid Rust (-BAR)

Note: All fixtures, LED drivers and transformers sold separately

Tools Required: Phillips #2 screwdriver



LIGHTING SUPPLIER TO CONFIRM FLAG POLE DIAMETER WITH GENERAL CONTRACTOR PRIOR TO ORDERING.



ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	SHIP WEIGHT
12v		
FA-PM-7-2H-12V-BLT	7" 12v Aluminum pole ring w/ 2, 12v fixture hubs	5.0 lbs
120v		
FA-PM-7-2H-120V-BLT	7" 120v Aluminum pole ring w/ 2, 120v fixture hubs	5.0 lbs.
12v		
FA-PM-7-2H-12V-BRS	7" 12v Brass pole ring w/ 2, 12v fixture hubs	5.0 lbs
120v		
FA-PM-7-2H-120V-BRS	7" 120v Brass pole ring w/ 2, 120v fixture hubs	5.0 lbs.

Note: All fixtures, drivers & transformers sold separately

JOB INFORMATION

Type: _____ Date: _____

Job Name: _____

Cat. No.: _____

Lamp(s): _____

Specifier: _____

Contractor: _____

Notes: _____

FOCUS INDUSTRIES INC.
25301 COMMERCENTRE DRIVE
LAKE FOREST, CA 92630

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sales@focusindustries.com
(949) 830-1350 • FAX (949) 830-3390

Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

FA-PM POLE MOUNT Cut Sheet 051917 **BRASS & COPPER ONLY**

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FOCUS INDUSTRIES **120V PAR20 DIRECTIONAL DL-20-NL-SERIES** **LED READY** TYPE

SPECIFICATIONS

CONSTRUCTION: Cast aluminum, cast brass or composite bullet; matching heavy duty cast aluminum, brass or composite adjustable swivel

NOTE: Weep holes standard in bottom of fixture body to allow water to flow through when using outdoor rated PAR20 lamps without fixture lens and to allow air flow for high temperature PAR20 lamps. See DOWN LIGHTS note below for down light applications.

LENS: None supplied on standard model and -AC model. High impact clear tempered convex glass included on -EC models and as an option on -AC models (add -L)

O-RING: High temperature red silicone

LAMP SUPPLIED: None. Use only outdoor rated PAR20 lamps (50w max)

LAMP OPTIONS: We recommend 9w PAR20 Arrow LED with 50,000 hour average rating.

SOCKET: High temperature ceramic medium base with 250°C silicone lead wires

WIRING: Standard 120v Black, White and Ground 9" lead wires

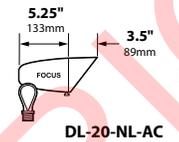
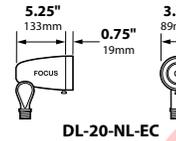
MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Brass-Unfinished brass. Optional finishes available.

DOWN LIGHTS: Add -D suffix to end of catalog number for down light without weep holes.

ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	LAMP	SHIP WEIGHT
DL-20-NL-BLT	Cast Aluminum PAR20 Bullet	None	2.0 lbs.
DL-20-NL-BRS	Cast Brass PAR20 Bullet	None	3.0 lbs.
CDL-20-NL	Composite PAR20 Bullet	None	2.0 lbs.
DL-20-NL-EC-BLT	Cast Aluminum PAR20 Bullet, Extension Collar, Convex Lens	None	3.0 lbs.
DL-20-NL-EC-BRS	Cast Brass PAR20 Bullet, Extension Collar, Convex Lens	None	4.0 lbs.
CDL-20-NL-EC	Composite PAR20 Bullet, Extension Collar, Convex Lens	None	3.0 lbs.
DL-20-NL-AC-BLT	Cast Aluminum PAR20 Bullet, Angle Collar, No Lens	None	3.0 lbs.
DL-20-NL-AC-BRS	Cast Brass PAR20 Bullet, Angle Collar No Lens	None	5.0 lbs.
CDL-20-NL-AC	Composite PAR20 Bullet, Angle Collar No Lens	None	3.0 lbs.
DL-20-NL-ACL-BLT	Cast Aluminum PAR20 Bullet, Angle Collar, Convex Lens	None	3.0 lbs.
DL-20-NL-ACL-BRS	Cast Brass PAR20 Bullet, Angle Collar Convex Lens	None	5.0 lbs.
CDL-20-NL-ACL	Composite PAR20 Bullet, Angle Collar Convex Lens	None	3.0 lbs.



DL-20-NL-AC-BAR
mounted on
FA-26-BAR

LIGHTING SUPPLIER TO FURNISH:
(1) HEXCELL LOUVER
(1) SPREAD LENS (SPREAD TBD)
(1) ROSCO DICHROIC COLOR FILTER (COLOR TBD) - REFER TO "DICHRO" CUT



BEAM/GLARE CONTROL ACCESSORIES

FA-08-06	Round 1/4" Hex Cell Louver
FA-10-20-BLUE	Blue Tempered Glass Lens
FA-10-20-GREEN	Green Tempered Glass Lens
FA-38-BLT	Aluminum Extension Cap, Tempered Convex Glass Lens
FA-38-AC-BLT	Aluminum Angle Cap, Tempered Convex Glass Lens
FA-98-20	Linear Spread Tempered Glass Lens
FA-104-20	Wide Spread Tempered Glass Lens Softener
CFA-38-BLT	Composite Extension Cap, Tempered Convex Glass Lens
CFA-38-AC-BLT	Composite Angle Cap, Tempered Convex Glass Lens

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.

LIGHTING SUPPLIER TO FURNISH (2) FIXTURE HEADS FOR EACH FLAG RING MOUNT.

Cat. No.: _____
Lamp(s): _____
Specifier: _____
Contractor: _____
Notes: _____

FOCUS INDUSTRIES INC. 25301 COMMERCENTRE DRIVE LAKE FOREST, CA 92630
www.focusindustries.com sales@focusindustries.com (949) 830-1350 • FAX (949) 830-3390

Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

DL-20-NL Cut Sheet 102815 **BRASS & COPPER ONLY**

25301 COMMERCENTRE DRIVE • LAKE FOREST, CA 92630 • 949.830.1350 • 888.882.1350 • FAX 949.830.3390

FOCUS INDUSTRIES **ARROW SUPER SAVER LED** **FL-LED-P20SS** TYPE

GO GREEN
75% - 80% LESS ENERGY

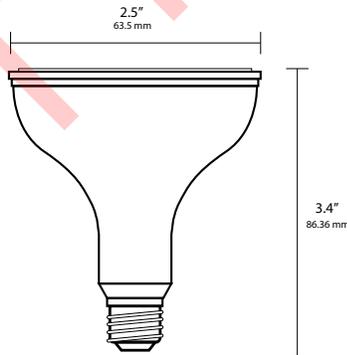
**E26 MEDIUM BASE PAR LAMPS COMPATIBLE WITH FOCUS
120v-277v ENCLOSED FIXTURES**

- Long Life - 50,000 Hours L7 Average Rating (rated life to 70% initial light output)
- High Power White LED Light Source
- Halogen Equivalent Lumens
- CRI 80 (Color Rendering Index)
- 3000K Warm White Color
- Cool Beam, No UV or IR
- Input Voltage Range of 85v - 277v
- Dimmable
- DOE LM79 Tested / LM80 Compliant
- Power Factor .6
- 5 Year Limited Warranty
- ETL/cETL, CE & Energy Star Certified
- Available in 15° Spot and 40° Flood
- Must be installed in sealed fixture



PAR 38SS ORDERING INFORMATION • EQUAL TO 150w HALOGEN

CATALOG NO.	WATTAGE	L#	INPUT VOLTAGE RANGE	LUMEN OUTPUT	COLOR TEMP	BEAM ANGLE	BASE
→ FL-LED-P20SS15	8w	148	120v - 277v	720	3000K	SP 15°	E26
FL-LED-P20SS40	8w	150	120v - 277v	720	3000K	FL 40°	E26



FL-LED-PAR20SS

JOB INFORMATION	
Type:	Date:
Job Name:	
Cat. No.:	
Lamp(s):	
Specifier:	
Contractor:	
Notes:	
FOCUS INDUSTRIES INC. 25301 COMMERCENTRE DRIVE LAKE FOREST, CA 92630	
www.focusindustries.com sales@focusindustries.com (949) 830-1350 • FAX (949) 830-3390	

PAR20-SUPERSAVERLED/CutSheet_Update0112520

112520

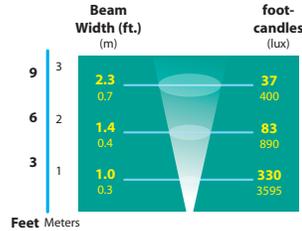
25301 COMMERCENTRE DRIVE • LAKE FOREST, CA 92630 • 949.830.1350 • 888.882.1350 • FAX 949.830.3390



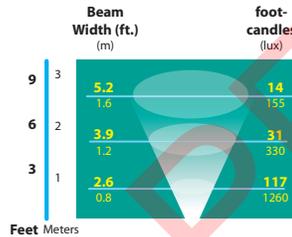
**ARROW SUPER SAVER LED
FL-LED-P20SS**

TYPE

LIGHT DISTRIBUTIONS AND PHOTOMETRICS



FL-LED-P2015

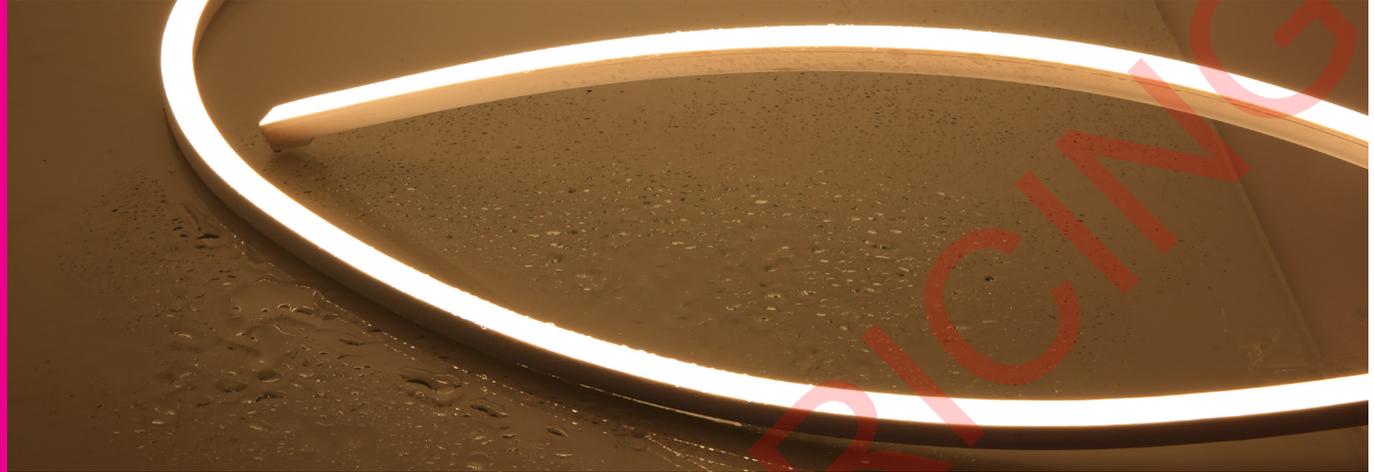


FL-LED-P2040



PAROSUPERSAVERLED01feet_Update0112520 112520

25301 COMMERCENTRE DRIVE • LAKE FOREST, CA 92630 • 949.830.1350 • 888.882.1350 • FAX 949.830.3390



VIVID SILICONE 24V
WAVE MINI STATIC

Table of Contents



LED Neon Flex Profile Fixtures

XX	-	XXX	-	X	-	XX	-	XX	-	X	-	XXX	-	XXXX
PRODUCT LINE		PROFILE		BENDING DIRECTION		LIGHT EMITTING SIDES		FUNCTIONALITY		LED TYPES		LED COLORS		VOLTAGE
NF - PVC Neon Flex SF - Silicone Flex LF - Landscape Flex NH - PVC High Output Neon Flex SH - Silicone High Output Neon Flex		09A - Vivid Contour 11B - Vivid S160 11C - Vivid Basic, Landscape F 11D - Vivid 270 16E - Vivid Wave, Wave 320 10F - Vivid Wave Mini		0 - Top Bending (V) 1 - Side Bending (HB)		01 - One side 03 - Three sides		2W - Static 3W - Pixel/ Dynamic White 4W - RGB		E - Epistar N - Nichia		RED - Red GRE - Green BLU - Blue AMB - Amber ORA - Orange PIN - Pink 22K - 65K - Color Temperature 27K - 50K - CR90 Color Temperature RCB - Red, Green, Blue DWH - Dynamic White RCJ - Red Color Jacket BCJ - Blue Color Jacket GCJ - Green Color Jacket Y74 - Yellow Color Jacket (574nm) Y78 - Yellow Color Jacket (578nm) Y82 - Yellow Color Jacket (582nm) PDW - Pixel Dynamic White R27 - Pixel RGBW (2700K) R30 - Pixel RGBW (3000K) R40 - Pixel RGBW(4000K)		24DV - 24VDC Constant Voltage 24DC - 24VDC Constant Current 12DV - 12VDC Constant Voltage 12DC - 12VDC Constant Current 12AR - 12VAC 120J - 120V UL1598 120P - 120V UL2388
<div style="border: 1px solid black; padding: 10px; display: inline-block;"> <p>LIGHTING SUPPLIER TO FURNISH FIXTURE WITH LENGTHS, MOUNTING ACCESSORIES, FEEDS, JUMPER CABLES, END CAPS, SPLICE BOXES, AND CONNECTORS AS REQUIRED.</p> </div>														



For More Information
Toll Free: 1 (888) 580-6366
Or Visit www.GLLS.com/contact-us/

www.GLLS.com www.ledneonflex.com



Technical Specifications

Light Dimension 0.39 x 0.39in (10x10mm)

Output	Red/Amber/Green/Blue/White
LED Light	SMD LED Chip
Max Run Length*	
Single Feed	49.21ft (15m)
Double Feed	98.42ft (30m)
Light Surface	Square profile 160°
Lumen Maintenance	70,000 Hours L70 @ 25°C : 90,000 L50 @ 25°C 50,000 Hours L70 @ 50°C : 70,000 Hours L50 @ 50°C
Electrical	
Input Voltage	24V DC
Power Consumption	1.37W/ft (4.5W/m)
Physical	
LED Count	44 LEDs/ft (144 LEDs/m)
LED Spacing	0.27in (6.9mm)
Cutting Unit Length	3.28in (83.3mm) (12 LEDs)
Thermal Management	Free air convection
Fixture Connections	End, side & Bottom lead wires
Minimum Bend Diameter	3.94in (100mm) (Top Bending or Side Bending)
Temperature Ranges	
Installation	-40°F to 122°F (-40°C to 50°C)
Operating	-40°F to 131°F (-40°C to 55°C)
Humidity	0-95% non condensing
Dependability	
Warranty	5 Year Limited Warranty
Safety	
Certification	Tested to UL & CSA by Underwriters Laboratory for use in USA and Canada, complies with California Title 24 Requirements, Lighting Facts. Exceeds ANSI C78.377A, CE & RoHS Compliant.
IP Rating	IP67 with appropriately rated accessories

*Max Run Length: Unless otherwise stated, snap and seamless run lengths are the same.



Technical Specifications

Available Colors		Lumen Count			
Color	CCT Wavelength	Color	Per Foot	Per Meter	Power
→ 2700K	2725 ± 145K	2700K	>64lm	>210lm	1.37W/ft (4.5W/m)

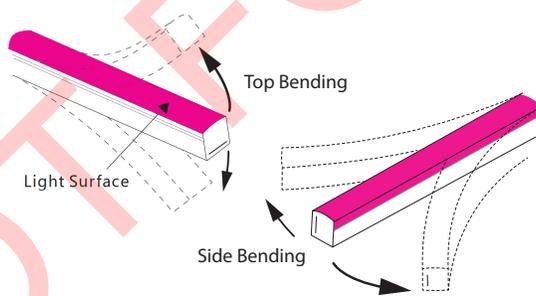
***Color Jackets:**

For standard or custom color jacket options, contact your Account Manager. Min. order quantity of 656ft (200m).

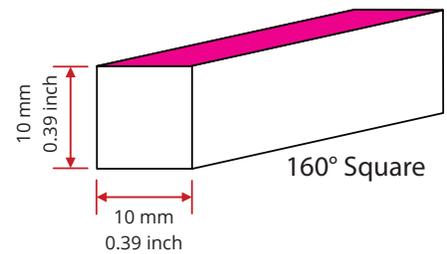
Physical Specifications



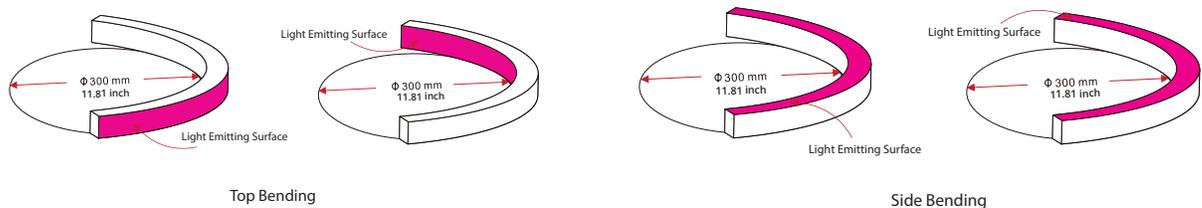
Bending Direction



Light Profile



Minimum Bending Diameter

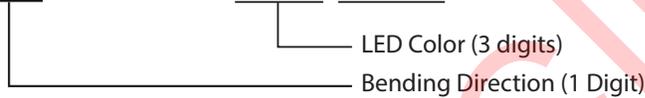




Part Number Naming Convention

Fixtures

SF-10F-**X**-01-2W-E-**XXX**-24DC



Lead Connector

FA-10F-**X**-01-2W-**XX**-**X**-**XX**-**XXX**-P



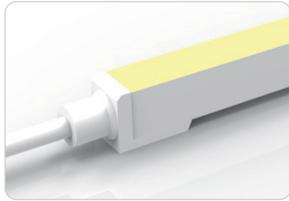
For full part number naming rules, please refer to the document on www.glls.com/support/documentation/



Connectors

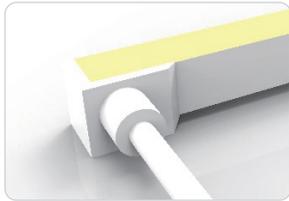
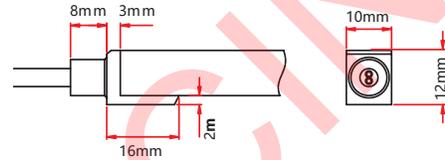
Seamless Connectors

IP67: Rated for wet locations, not submersion.
Factory Assembly only.



Seamless End Exit

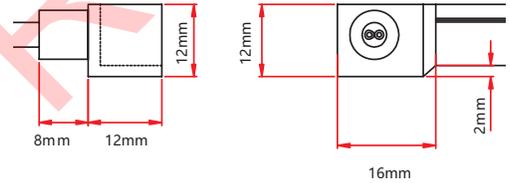
FA-10F-0-01-2W-SE-0-EN-XXX-P
FA-10F-1-01-2W-SE-0-EN-XXX-P



Seamless Side Exit

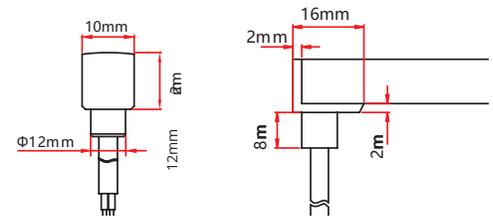
FA-10F-0-01-2W-SE-1-SL-XXX-P
FA-10F-0-01-2W-SE-2-SL-XXX-P
FA-10F-0-01-2W-SE-1-SR-XXX-P
FA-10F-0-01-2W-SE-2-SR-XXX-P

FA-10F-1-01-2W-SE-1-SL-XXX-P
FA-10F-1-01-2W-SE-2-SL-XXX-P
FA-10F-1-01-2W-SE-1-SR-XXX-P
FA-10F-1-01-2W-SE-2-SR-XXX-P



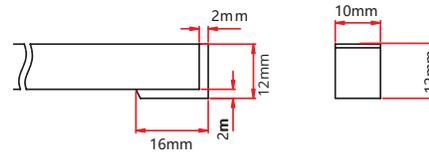
Seamless Bottom Exit

FA-10F-0-01-2W-SE-0-BO-XXX-P
FA-10F-1-01-2W-SE-0-BO-XXX-P



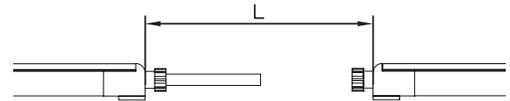
Seamless End Cap

FA-10F-1-01-0W-SE-1-EC-000-P
FA-10F-1-01-0W-SE-2-EC-000-P



Seamless Jumper

FA-10F-0-01-2W-SE-0-EJ-XXX-P
FA-10F-1-01-2W-SE-0-EJ-XXX-P

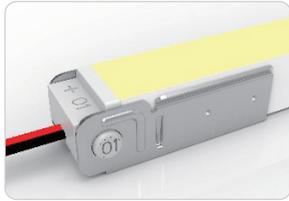




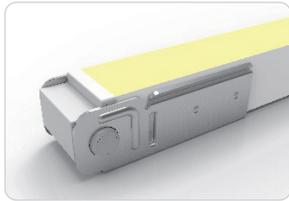
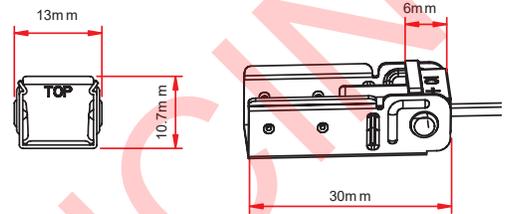
Connectors

Swivel Connectors

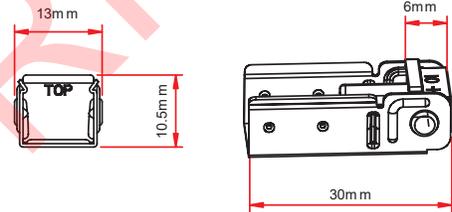
IP20: Rated for indoor use only.
Factory Assembly or DIY.



Swivel End Exit
NA-10F-0-01-2W-SV-2-EN-XXX-P
NA-10F-1-01-2W-SV-2-EN-XXX-P

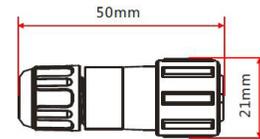


Swivel End Cap
NA-10F-0-01-0W-SV-1-EC-000-P
NA-10F-0-01-0W-SV-2-EC-000-P



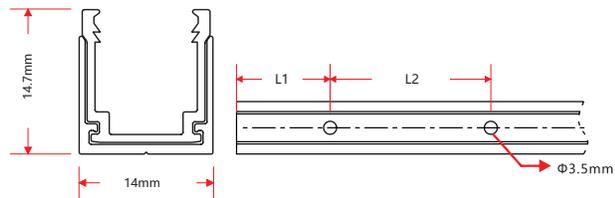
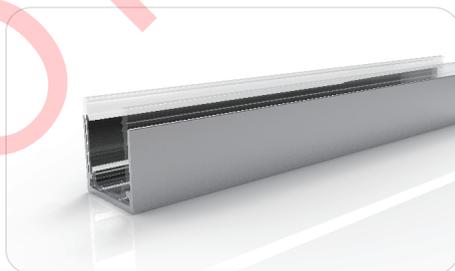
Male & Female Connectors
NA-XX-BC-DC-CXX-F
NA-XX-BC-DC-CXX-M
NA-XX-BN-XXA-CXX-F
NA-XX-BN-XXA-CXX-M
NA-XX-PL-XXA-CXX-F
NA-XX-PL-XXA-CXX-M

IP68: Rated for wet locations, not submersion.
Factory Assembly or DIY.



Mounting Hardware

Plastic & Aluminum Channel



W x H #	Standard Length	Part Number	L1	L2	Screw Hole Φ	Hole
0.55 x 0.59in	1.38in (35mm)	CL-10-R-AP-3C5-SD	0.69in (17.5mm)	/	Φ0.14in (3.5mm)	1
(14 x 14.7mm)	19.69in (500mm)	CH-10-R-AP-0M5-SD	1.97in (50mm)	7.87in (200mm)	Φ0.14in (3.5mm)	3
	39.37in (1000mm)	CH-10-R-AP-01M-SD	3.94in (100mm)	7.87in (200mm)	Φ0.14in (3.5mm)	5
	78.74in (2000mm)	CH-10-R-AP-02M-SD	3.94in (100mm)	7.87in (200mm)	Φ0.14in (3.5mm)	10



Testing

Certifications

Testing Organization	Certificate Serial N°	Report Reference
CE-EMC SGS	SZEM1702001259LMV	SZEM160600421302

Fixture Testing

Optical Testing

Spectrum Analysis	IES LM 79 (Lumen, CCT, CRI, XY, SDCM, wavelength)
Photometric Distribution	IES LM 73 (Lumen intensity distribution & Lux diagram)
Lumen Maintenance & Lifetime	IES LM 84 & IES TM28

Durability Testing

Bending Test	Manufacturer-defined, 500 cycles
Tensile Test	Manufacturer-defined, > the weight of light in max. connection length double feed
Twist Test	Manufacturer-defined, >200 cycles

ANSI STANDARD

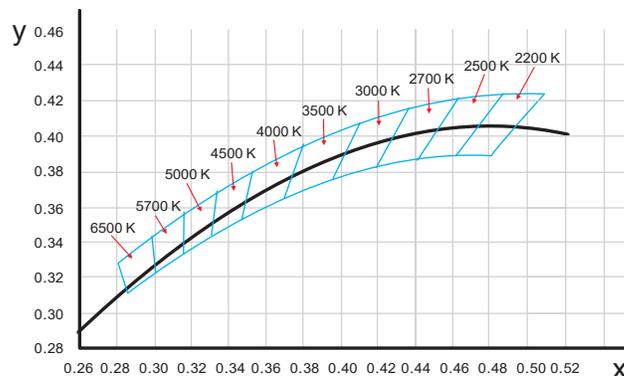
Nominal CCT Categories

Nominal CCT	Target CCT and tolerance(K)	Target D_{uv}	D_{uv} Tolerance Range
2200K	2238 ±102	0.0000	Tx:CCT of the source
2500K	2460±120	0.0000	For Tx<2870K
2700K	2725 ±145	0.0000	0.000±0.0060
3000K	3045±175	0.0001	For Tx≥2870K
3500K	3465±245	0.0005	$D_{uv}(Tx)±0.0060$
4000K	3985±275	0.0010	where
4500K	4503±243	0.0015	$D_{uv}(Tx)=57700 \times (1/Tx)^2$
5000K	5029±283	0.0020	-44.6 x (1/Tx)
5700K	5667±355	0.0025	+0.00854
6500K	6532±510	0.0031	
Flexible CCT (2200-6500K)	$T_f^{(1)} ± \Delta T^{(2)}$	$D_{uv} T_f^{(3)}$	

Remark:

- 1) T_f is chosen to be at 100K steps (2300,2400,.....,6400K),excluding the ten nominal CCTs listed in Table 1.
- 2) $\Delta T = 1.1900 \times 10^6 \times T^3 - 1.5434 \times 10^4 \times T^2 + 0.7168 \times T - 902.55$
- 3) Same as in the D_{uv} Tolerance Range.

(X,Y) Chromaticity Diagram





DIRECTIONAL LIGHTS
RXD-08 SERIES



TYPE

SPECIFICATIONS

CONSTRUCTION: Machined brass cylinder with threaded cap & cast brass adjustable swivel
-TAC model has threaded angle cap
LENS: Clear tempered stepped glass
O-RING: High temperature red silicone
LAMP SUPPLIED: 40,000 hour 3w ARROW Super Saver MR16 LED (-LED3)
LAMP OPTIONS: We recommend 40,000 hour 5w (-LED5) or 7w (-LED7) ARROW Super Saver MR16 LED, or 5,000 hour 20w MR16 FL(BAB) Halogen
NOTE: If using LED MR16 by others must be approved for enclosed fixture use
SOCKET: High temperature ceramic GU5.3 bi-pin with 250°C silicone lead wires
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number.
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only)
MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS
FINISH: Brass-Unfinished brass. Optional finishes available

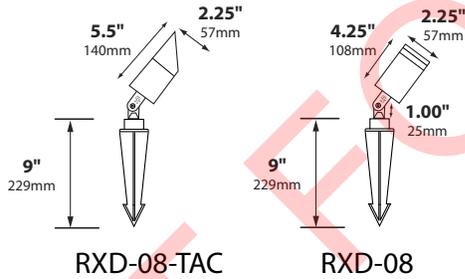


ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	LAMP	SHIP WEIGHT
RXD-08-LED3-BRS	Cast Brass Bullet	3w MR16 LED 36° FL	3.0 lbs.
RXD-08-TAC-LED3-BRS	Cast Brass Bullet, Threaded Angle Cap	3w MR16 LED 36° FL	3.5 lbs.

LAMP AND STAKE *INSTALLED* TO SAVE YOU TIME AND MONEY

LIGHTING SUPPLIER TO FURNISH:
(1) HEXCELL LOUVER
(1) SPREAD LENS (SPREAD TBD)
(1) ROSCO DICHOIC COLOR FILTER (COLOR TBD) - REFER TO "DICHO" CUT



IP65

CE



BEAM/GLARE CONTROL ACCESSORIES

- FA-08-21** Round 1/8" Black Hex Cell Louver
- FA-99** Clear convex lens
- FA-11-RXD02-BLUE** Blue Tempered Flat Glass Lens
- FA-11-RXD02-GREEN** Green Tempered Flat Glass Lens
- FA-11-RXD02-AMBER** Amber Tempered Flat Glass Lens
- FA-11-RXD02-RED** Red Tempered Flat Glass Lens
- FA-98-36C16** Linear Spread Tempered Glass Lens
- FA-104-SB** Wide Spread Sand Blasted Glass Lens
- FA-RX-D01ACBRS** Slip on Angle Collar for RXD-08-BRS
- FA-RX-D01TSBRS** Slip on Tube Shield for RXD-08-BRS
- FA-SHROUD-0806AC-BRS** Adjustable 6" Brass Angel Cut Shroud For RXD-08-BRS
- FA-SHROUD-0806AC-ACID** Adjustable 6" Brass Angel Cut Shroud For RXD-08-BRS

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.

JOB INFORMATION

Type: _____ Date: _____
Job Name: _____
Cat. No.: _____
Lamp(s): _____
Specifier: _____
Contractor: _____
Notes: _____

FOCUS INDUSTRIES INC.
25301 COMMERCENTRE DRIVE
LAKE FOREST, CA 92630
www.focusindustries.com
sales@focusindustries.com
(949) 830-1350

Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

RXD-08 Cut Sheet 112217

BRASS & COPPER ONLY



DIRECTIONAL LIGHTS
RXD-08 SERIES



TYPE



RXD-08-BRS
with FA-RX-D01TS-BRS



RXD-08-BRS
with FA-RX-D01AC-BRS



RXD-08-LED-BRS
with optional
FA-24-LG-CST-BRS canopy



2x RXD-08-LED-BRS
with optional
FA-24-LG-CST-DH-BRS canopy

MOUNTING ACCESSORIES

FA-01/-BRS: 15" 381mm, 1.63" 41mm

FA-03-RX/-BRS: 7.00" 178mm, 2" 51mm

FA-03-LG: 3" 76mm, 5.75" 146mm, 9.00" 229mm

FA-22-CST/-BRS: 3.50" 89mm, 1.125" 29mm

FA-23-CST/-BRS: 5.75" 146mm, 3.25" 83mm, 1.00" 25mm

FA-24MD-CST-TREE /-BRS (10"-41"): 2.65" 67mm, 1.4" 36mm

FA-24-MD-CST/-BRS: 1.2" 30mm

FA-24-TAD: 0.9" 23mm

FA-24-BRS: 3" 76mm

FA-24-MD-CST-PC/-BRS: 2.65" 67mm, 1.4" 36mm

FA-111-TREE /-BRS (10"-41"): 4.75" 121mm

FA-111-BRS: 4.75" 121mm

FA-24-TREE /-BRS (10"-41"): 26" 660mm

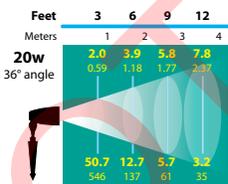
FA-24-LG-CST/-BRS: 0.875" 22mm

FA-24-LG-DH-CST/-BRS: 0.875" 22mm

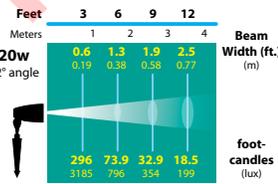
FA-24-LG-SPUN-COP: 0.875" 22mm

STEM EXTENSIONS: FA-30, FA-31, FA-32, FA-33, FA-34. -BRS = Brass Models (Arrow: couplers)

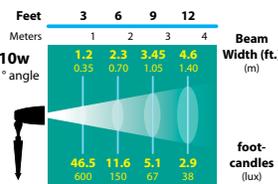
LIGHT DISTRIBUTIONS AND PHOTOMETRICS



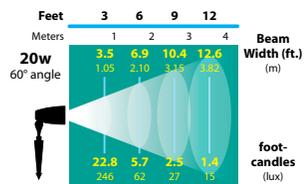
FL-13-BAB-FG



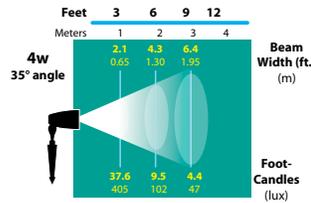
FL-13-ESX-FG



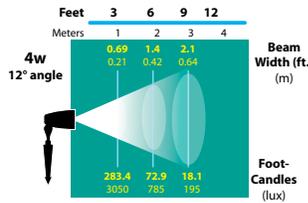
FL-13W-FG



FL-13-VWFL-FG



FL-LED-MR16-BAB



FL-LED-MR16-ESX

Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

RXD-08 Cut Sheet 112217

BRASS & COPPER ONLY



MOUNTING ACCESSORIES
FA-01 TELESCOPIC STAKE

TYPE

SPECIFICATIONS

POST: Angle cut Black PVC tube with adjustable Black PVC riser
POST CAP: Cast aluminum or brass threaded 1/2"NPS
CAP FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
 Brass - Unfinished. Optional Brass Acid Rust (-BAR) and Brass Acid Verde (-BAV) available
POST FINISH: Black

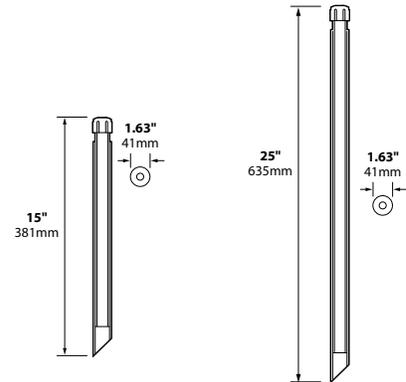
12" TELESCOPIC STAKE FA-01:
15" PVC stake & adjustable 12" riser; cast aluminum or brass cap with female 1/2"NPS

24" TELESCOPIC STAKE FA-01-2F:
25" PVC stake & adjustable 24" riser; cast aluminum or brass cap with female 1/2"NPS



ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	SHIP WEIGHT
FA-01-BLT	12" Telescopic Stake, Aluminum Cap	1.0 lbs.
FA-01-BRS	12" Telescopic Stake, Brass Cap	2.0 lbs.
FA-01-2F-BLT	24" Telescopic Stake, Aluminum Cap	1.0 lbs.
FA-01-2F-BRS	24" Telescopic Stake, Brass Cap	2.0 lbs.



JOB INFORMATION

Type: _____ Date: _____

Job Name: _____

Cat. No.: _____

Lamp(s): _____

Specifier: _____

Contractor: _____

Notes: _____

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Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

FA-01 Cut Sheet 011414

BRASS & COPPER ONLY

SORAA vivid™



MR16 GU5.3 7.5W 12V

Output	390 - 455 lumen
Beam Angle	10°, 25°, 36°
Color Temperature	2700K, 3000K, 4000K
Color Metrics	CIE Metrics: CRI 95, R9 95 TM30 Metrics: Rf 95, Rg 100 Whiteness Index: Rw 100
Applications	Hotels & Hospitality Galleries & Museums High-End Retail



SORAA VIVID™

Soraa VIVID lamps offer beautiful and accurate color and white rendering across the entire visible spectrum, mimicking the natural range of sunlight to deliver unmatched quality of light for color critical applications.

POINT SOURCE OPTICS™

Point Source Optics deliver exceptional beam quality with crisp shadows, perfect uniformity and precisely controlled beam distributions from 10° to 36°.

SORAA VIVID COLOR™

Soraa VIVID lamps utilize full spectrum light to provide industry-leading color rendition of CRI/95, R9/95, Rf/95, Rg/100 for precise color reproduction.

SORAA NATURAL WHITE™

Soraa VIVID lamps are engineered to deliver outstanding whiteness rendering for true-to-life whites, which matches or exceeds incandescent sources at 2700K and 3000K.

FLICKER FREE™

Soraa lamps demonstrate imperceptible levels of flicker in both dimmed and undimmed states.

ENERGY EFFICIENCY

85% more energy efficient than standard halogen lamps, with typical payback of one year or less.

GENERAL SPECIFICATIONS

Form Factor

Width: 50.1mm (1.97")
Height: 45.5mm (1.79")
Weight: 47g

Operating Temperature

Minimum: -40°C (ambient)
Typical: 85°C-90°C (base)
Maximum: 90°C (base)

THERMAL COMPATIBILITY

Suitable for use in fully enclosed fixtures, subject to the maximum heatsink temperature limits stated in this data sheet. Designed to safely turn down in high temperature environments to protect LED and components.

ELECTRICAL COMPATIBILITY

Works with trailing edge and leading edge phase cut dimmers, 12V AC magnetic and electronic transformers and 12V DC transformers. Check individual lamp website pages for compatibility data. For more information visit: www.soraa.com.

INTENDED USE & LOCATION RATING

Intended for use in MR16 compatible recessed downlights, track lighting and other indoor and outdoor applications. Suitable for damp locations, not rated for use in wet locations.

LIFETIME & WARRANTY

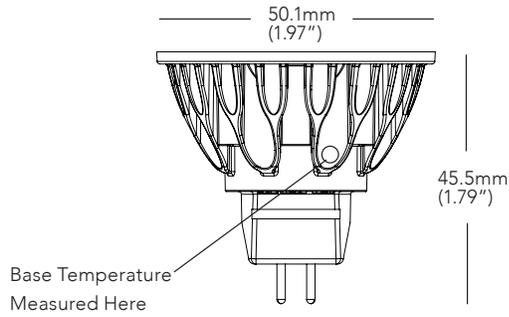
Rated lifetime to L70: 35,000hrs
Warranty: 3yrs or 25,000hrs whichever comes first
For warranty information visit: www.soraa.com/resources/legal.

ACCESSORIES

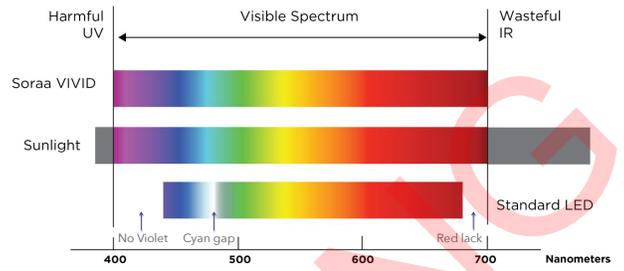
Narrow spot compatible with the Soraa SNAP System™.



DIMENSIONS

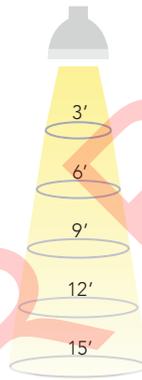


COLOR RENDERING



10 DEGREE BEAM

Beam Dia at 50% CBCP (ft)	Field Dia at 10% CBCP (ft)	Foot-candles (% of CBCP)
0.5	1.1	11.1%
1.0	2.1	2.8%
1.6	3.2	1.2%
2.1	4.2	0.7%
2.6	5.3	0.4%

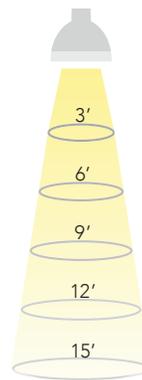


25 DEGREE BEAM

Beam Dia at 50% CBCP (ft)	Field Dia at 10% CBCP (ft)	Foot-candles (% of CBCP)
1.3	2.1	11.1%
2.7	4.1	2.8%
4.0	6.2	1.2%
5.3	8.3	0.7%
6.7	10.3	0.4%

36 DEGREE BEAM

Beam Dia at 50% CBCP (ft)	Field Dia at 10% CBCP (ft)	Foot-candles (% of CBCP)
1.9	3.1	11.1%
3.9	6.1	2.8%
5.8	9.2	1.2%
7.8	12.2	0.7%
9.7	15.3	0.4%



Note: Footcandles may be calculated by multiplying the CBCP of the desired model number by the percentage in the tables above

SPECIFICATIONS BY MODEL NUMBER* SORAA LED MR16 GU5.3 7.5W 12V

Model #	Product Code	CCT (K)	Beam Angle	Field Angle	CBCP (Cd)	Total Flux (Lm)	Efficacy (Lm/W)	McA	SNAP
VIVID SERIES									
SM16-07-10D-927-03	00919	2700	10	20	5710	390	52	3	YES
SM16-07-25D-927-03	00931	2700	25	40	2260	410	55	3	-
SM16-07-36D-927-03	00943	2700	36	57	1070	410	55	3	-
SM16-07-10D-930-03	00923	3000	10	20	6000	410	55	3	YES
SM16-07-25D-930-03	00935	3000	25	40	2400	435	58	3	-
SM16-07-36D-930-03	00947	3000	36	57	1130	435	58	3	-
SM16-07-10D-940-03	00925	4000	10	20	6290	430	58	4	YES
SM16-07-25D-940-03	00937	4000	25	40	2510	455	61	4	-
SM16-07-36D-940-03	00949	4000	36	57	1190	455	61	4	-

CCT: Correlated Color Temperature **McA**: White Point Accuracy in McA step **SNAP**: SORAA SNAP System Compatible
*Specifications are at stable warm operating conditions (25°C ambient)

NOT FOR PRICING

FOCUS INDUSTRIES **120V-277V PAR38 DL-38-NL SERIES** **LED READY** TYPE

SPECIFICATIONS

CONSTRUCTION: Cast aluminum, cast brass or composite bullet; matching heavy duty cast aluminum, brass or composite adjustable swivel

NOTE: Weep holes standard in bottom of fixture body to allow water to flow through when using outdoor rated PAR38 lamps without fixture lens and to allow air flow for high temperature PAR38 lamps. See DOWN LIGHTS note below for down light applications.

LENS: None supplied. High impact clear tempered convex glass included on -ECL models and on -ACL models

O-RING: High temperature red silicone

LAMP SUPPLIED: None. Use only outdoor rated PAR38 lamps (150w max)

LAMP OPTIONS: We recommend 21w PAR38 Arrow LED with 50,000 hour average rating.

SOCKET: High temperature ceramic medium base with 250°C silicone lead wires

WIRING: Standard 120v-277v Black, White and Ground 9" lead wires

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Brass-Unfinished brass. Optional finishes available.

DOWN LIGHTS: Add -D suffix to end of catalog number for down light without weep holes.



DL-38-NLACL

On FA-26 Mounting Post



ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	LAMP	SHIP WEIGHT
DL-38-NL-BLT	Cast Aluminum PAR38 Bullet	None	4.0 lbs.
DL-38-NL-BRS	Cast Brass PAR38 Bullet	None	7.0 lbs.
CDL-38-NL	Composite PAR38 Bullet	None	2.0 lbs.
DL-38-NL-EC-BLT	Cast Aluminum PAR38 Bullet, Extension Collar, No Lens	None	5.0 lbs.
DL-38-NL-EC-BRS	Cast Brass PAR38 Bullet, Extension Collar, No Lens	None	8.0 lbs.
CDL-38-NL-EC	Composite PAR38 Bullet, Extension Collar, No Lens	None	3.0 lbs.
DL-38-NL-ECL-BLT	Cast Aluminum PAR38 Bullet, Extension Collar, Convex Lens	None	5.0 lbs.
DL-38-NL-ECL-BRS	Cast Brass PAR38 Bullet, Extension Collar, Convex Lens	None	8.0 lbs.
CDL-38-NL-ECL	Composite PAR38 Bullet, Extension Collar, Convex Lens	None	3.0 lbs.
DL-38-NL-AC-BLT	Cast Aluminum PAR38 Bullet, Angle Collar, No Lens	None	6.0 lbs.
CDL-38-NL-AC	Composite PAR38 Bullet, Angle Collar, No Lens	None </td <td>3.0 lbs.</td>	3.0 lbs.
DL-38-NL-ACL-BLT	Cast Aluminum PAR38 Bullet, Angle Collar, Convex Lens	None	6.0 lbs.
CDL-38-NL-ACL	Composite PAR38 Bullet, Angle Collar, Convex Lens	None	3.0 lbs.

LIGHTING SUPPLIER TO FURNISH:
 (1) HEXCELL LOUVER
 (1) SPREAD LENS (SPREAD TBD)
 (1) ROSCO DICHROIC COLOR FILTER (COLOR TBD) - REFER TO "DICHRO" CUT

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.



-ECL & -ACL Models



JOB INFORMATION

Type: _____ Date: _____

Job Name: _____

Cat. No.: _____

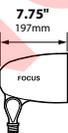
Lamp(s): _____

Specifier: _____

Contractor: _____

Notes: _____

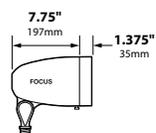
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DL-38-NL



DL-38-NLECL



DL-38-NLAC

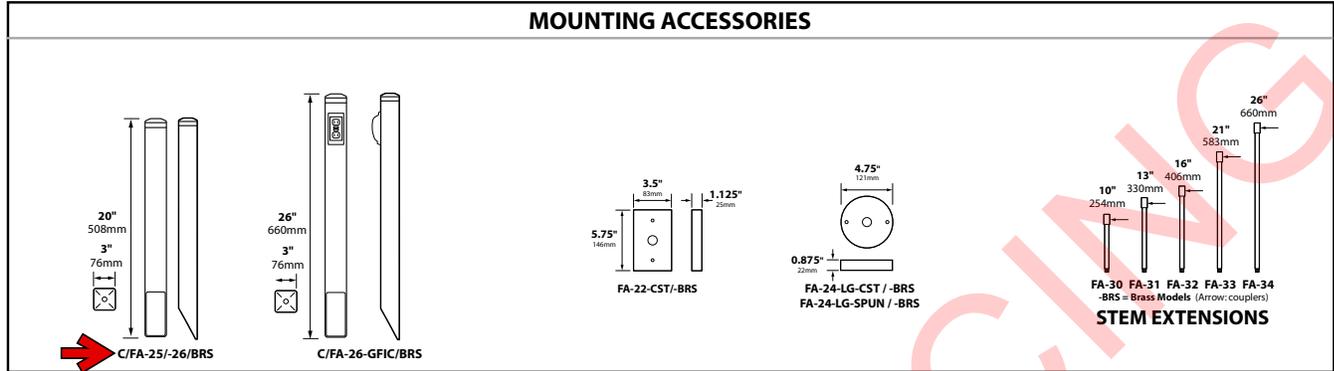
Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

DL-38-NL-Cut Sheet 122017

BRASS & COPPER ONLY

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FOCUS INDUSTRIES **DIRECTIONAL LIGHTS DL-38-NL SERIES** TYPE



BEAM/GLARE CONTROL ACCESSORIES

- FA-36** Aluminum Extension Cap only, no lens
- FA-36-BRS** Brass Extension Cap only, no lens
- CFA-36** Composite Extension Cap only, no lens

- FA-36-99** Aluminum Extension Cap, Tempered Convex Glass Lens
- FA-36-99BRS** Brass Extension Cap, Tempered Convex Glass Lens
- CFA-36-99** Composite Extension Cap, Tempered Convex Glass Lens

- FA-36-AC** Aluminum Angle Cap only, no lens
- CFA-36-AC** Composite Angle Cap only, no lens

- FA-36-ACL** Aluminum Angle Cap, Tempered Convex Glass Lens
- CFA-36-ACL** Composite Angle Cap, Tempered Convex Glass Lens

- FA-08-38** Round 1/4" Hex Cell Louver
- FA-10-38-BLUE** Blue Tempered Flat Glass Lens
- FA-10-38-GREEN** Green Tempered Flat Glass Lens
- FA-10-38-RED** Red Tempered Flat Glass Lens
- FA-10-38-AMBER** Amber Tempered Flat Glass Lens
- FA-99-38** Clear Tempered Convex Glass Lens
- FA-98-38** Linear Spread Tempered Glass Lens
- FA-104-38** Wide Spread Tempered Glass Lens Softener

Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

DL-38-NL-Cut Sheet 122017 BRASS & COPPER ONLY

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FOCUS INDUSTRIES **MOUNTING ACCESSORIES**
FA-25 & FA-26 SERIES TYPE

SPECIFICATIONS

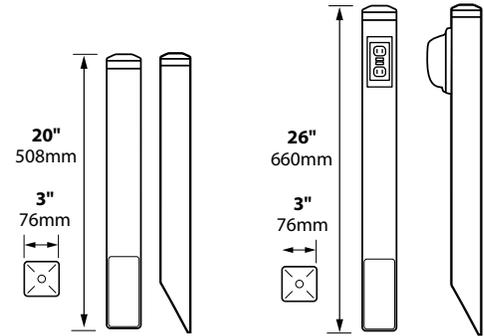
POST: Angle cut 3" square x 20" ABS, 0.25" wall thickness
Bronze post standard with post cap finish -BAR, -BRT, -CAM, -WBR
Rubbed Verde post standard with post cap finish -RBV
Black post standard with all other post cap finishes.
POST CAP: Cast aluminum or brass threaded 1/2"NPS.
For composite cap model add "C" to beginning of part number (CFA-25, CFA-26)
WIRING:
FA-25 models: None
FA-26 models: Green ground wire included inside cap.
CAP FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional acid finishes available
Composite - Black, Rubbed Verde or Bronze

- 12V MOUNTING PEDESTAL FA-25**
20" post and cast aluminum or brass cap with female 1/2"NPS
- 120V-277V MOUNTING PEDESTAL FA-26**
20" post and cast aluminum or brass cap with female 1/2"NPS; ground wire in cap
- 120V MOUNTING PEDESTAL W/ PHOTOCELL FA-26-PC**
20" post and cast aluminum or brass cap with female 1/2"NPS; attached Photocell
- 120V MOUNTING PEDESTAL W/ 75W TRANSFORMER FA-26-75W**
20" post and cast aluminum or brass cap with female 1/2"NPS; internal 75w hardwire electronic transformer (HW-12-75)
- 120V MOUNTING PEDESTAL W/ GFIC RECEPTACLE FA-26-GFIC**
26" post and cast aluminum or brass cap with female 1/2"NPS; 125v 20 Amp GFIC receptacle with weather proof cover



ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	SHIP WEIGHT
FA-25-BLT	12v Commercial Mounting Pedestal, Aluminum Cap	2 lbs
FA-25-BRS	12v Commercial Mounting Pedestal, Brass Cap	3 lbs
FA-26-BLT	120-277v Commercial Mounting Pedestal, Aluminum Cap	2 lbs
FA-26-BRS	120-277v Commercial Mounting Pedestal, Brass Cap	3 lbs
FA-26-PC-BLT	120v Commercial Mounting Pedestal, Aluminum Cap with attached Photocell	2 lbs
FA-26-PC-BRS	120v Commercial Mounting Pedestal, Brass Cap with attached Photocell	3 lbs
FA-26-75W-BLT	120v Commercial Mounting Pedestal, Aluminum Cap with 75w Electronic Transformer	2 lbs
FA-26-75W-BRS	120v Commercial Mounting Pedestal, Brass Cap with 75w Electronic Transformer	3 lbs
FA-26-GFIC-BLT	120v Commercial Mounting Pedestal, Aluminum Cap with GFIC Receptacle	3 lbs
FA-26-GFIC-BRS	120v Commercial Mounting Pedestal, Brass Cap with GFIC Receptacle	4 lbs



FA-25 / FA-26 CFA-25 / CFA-26 FA-26-GFIC CFA-26-GFIC



JOB INFORMATION

Type: _____ Date: _____

Job Name: _____

Cat. No.: _____

Lamp(s): _____

Specifier: _____

Contractor: _____

Notes: _____

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Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

FA-25_26 102715 BRASS & COPPER ONLY

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FOCUS INDUSTRIES **ARROW LED** **FL-LED-P38SS** TYPE

GO GREEN
75% - 80% LESS ENERGY

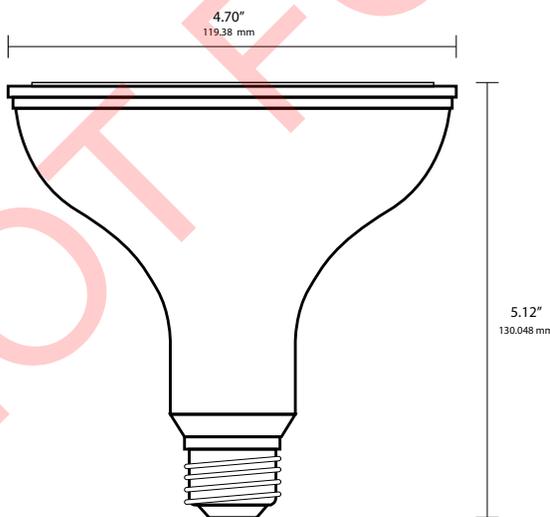
**E26 MEDIUM BASE PAR LAMPS COMPATIBLE WITH FOCUS
120v-277v ENCLOSED FIXTURES**

- Long Life - 50,000 Hours L7 Average Rating (rated life to 70% initial light output)
- High Power White LED Light Source
- Halogen Equivalent Lumens
- CRI 80 (Color Rendering Index)
- 3000K Warm White Color
- Cool Beam, No UV or IR
- Input Voltage Range of 85v - 277v
- Dimmable
- DOE LM79 Tested / LM80 Compliant
- Power Factor .6
- 5 Year Limited Warranty
- ETL/cETL, CE & Energy Star Certified
- Available in 15° Spot and 40° Flood
- Must be installed in sealed fixture



PAR 38SS ORDERING INFORMATION • EQUAL TO 150w HALOGEN

CATALOG NO.	WATTAGE	L#	INPUT VOLTAGE RANGE	LUMEN OUTPUT	COLOR TEMP	BEAM ANGLE	BASE
FL-LED-P38SS15	15w	156	120v - 277v	1350	3000K	SP 15°	E26
FL-LED-P38SS40	15w	158	120v - 277v	1350	3000K	FL 40°	E26



FL-LED-PAR38SS

JOB INFORMATION	
Type:	Date:
Job Name:	
Cat. No.:	
Lamp(s):	
Specifier:	
Contractor:	
Notes:	
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PAR 38-SUPER SAVER LED Cut Sheet_Update 011520

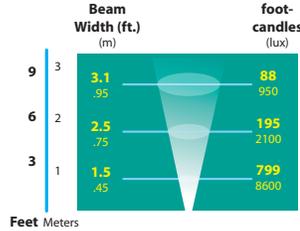
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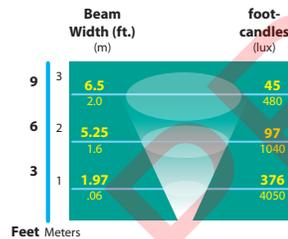
ARROW LED
FL-LED-P38SS

TYPE

LIGHT DISTRIBUTIONS AND PHOTOMETRICS



FL-LED-P3815



FL-LED-P3840



PAR88-SUPER-SAVE-LED-06-feet_Updated011520 112520

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FOCUS INDUSTRIES **120V-277V PAR38 DL-38-NL SERIES** **LED READY** TYPE

SPECIFICATIONS

CONSTRUCTION: Cast aluminum, cast brass or composite bullet; matching heavy duty cast aluminum, brass or composite adjustable swivel

NOTE: Weep holes standard in bottom of fixture body to allow water to flow through when using outdoor rated PAR38 lamps without fixture lens and to allow air flow for high temperature PAR38 lamps. See DOWN LIGHTS note below for down light applications.

LENS: None supplied. High impact clear tempered convex glass included on -ECL models and on -ACL models

O-RING: High temperature red silicone

LAMP SUPPLIED: None. Use only outdoor rated PAR38 lamps (150w max)

LAMP OPTIONS: We recommend 21w PAR38 Arrow LED with 50,000 hour average rating.

SOCKET: High temperature ceramic medium base with 250°C silicone lead wires

WIRING: Standard 120v-277v Black, White and Ground 9" lead wires

MOUNTING: None supplied. See Mounting Accessories below for options

FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available. Brass-Unfinished brass. Optional finishes available.

DOWN LIGHTS: Add -D suffix to end of catalog number for down light without weep holes.



DL-38-NLACL

On FA-26 Mounting Post



ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	LAMP	SHIP WEIGHT
DL-38-NL-BLT	Cast Aluminum PAR38 Bullet	None	4.0 lbs.
DL-38-NL-BRS	Cast Brass PAR38 Bullet	None	7.0 lbs.
CDL-38-NL	Composite PAR38 Bullet	None	2.0 lbs.
DL-38-NL-EC-BLT	Cast Aluminum PAR38 Bullet, Extension Collar, No Lens	None	5.0 lbs.
DL-38-NL-EC-BRS	Cast Brass PAR38 Bullet, Extension Collar, No Lens	None	8.0 lbs.
CDL-38-NL-EC	Composite PAR38 Bullet, Extension Collar, No Lens	None	3.0 lbs.
DL-38-NL-ECL-BLT	Cast Aluminum PAR38 Bullet, Extension Collar, Convex Lens	None	5.0 lbs.
DL-38-NL-ECL-BRS	Cast Brass PAR38 Bullet, Extension Collar, Convex Lens	None	8.0 lbs.
CDL-38-NL-ECL	Composite PAR38 Bullet, Extension Collar, Convex Lens	None	3.0 lbs.
DL-38-NL-AC-BLT	Cast Aluminum PAR38 Bullet, Angle Collar, No Lens	None	6.0 lbs.
CDL-38-NL-AC	Composite PAR38 Bullet, Angle Collar, No Lens	None </td <td>3.0 lbs.</td>	3.0 lbs.
DL-38-NL-ACL-BLT	Cast Aluminum PAR38 Bullet, Angle Collar, Convex Lens	None	6.0 lbs.
CDL-38-NL-ACL	Composite PAR38 Bullet, Angle Collar, Convex Lens	None	3.0 lbs.

LIGHTING SUPPLIER TO FURNISH:
 (1) HEXCELL LOUVER
 (1) SPREAD LENS (SPREAD TBD)
 (1) ROSCO DICHROIC COLOR FILTER (COLOR TBD) - REFER TO "DICHRO" CUT

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.



-ECL & -ACL Models



JOB INFORMATION

Type: _____ Date: _____

Job Name: _____

Cat. No.: _____

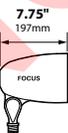
Lamp(s): _____

Specifier: _____

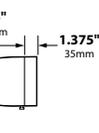
Contractor: _____

Notes: _____

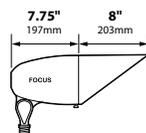
FOCUS INDUSTRIES INC. 25301 COMMERCENTRE DRIVE LAKE FOREST, CA 92630
 www.focusindustries.com sales@focusindustries.com (949) 830-1350 • FAX (949) 830-3390



DL-38-NL



DL-38-NLECL



DL-38-NLACL

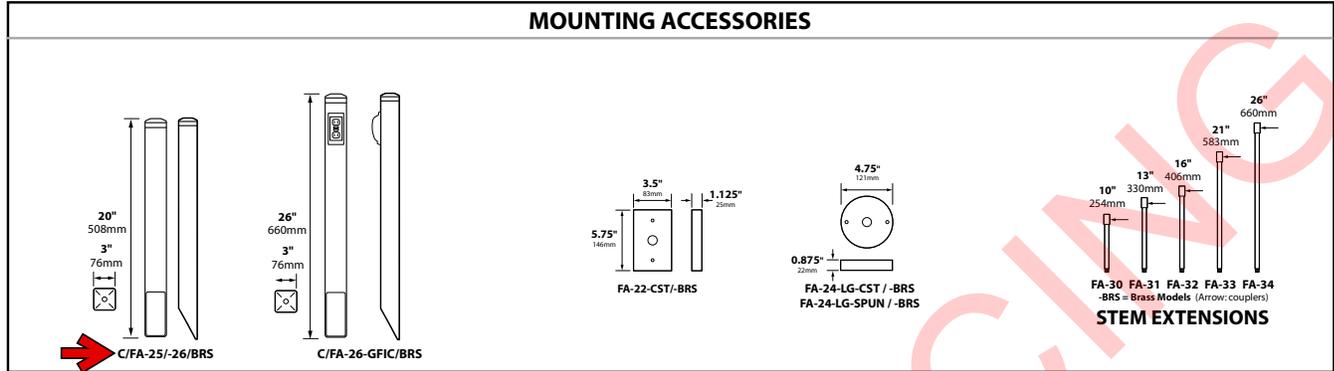
Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

DL-38-NL-Cut Sheet 122017

BRASS & COPPER ONLY

25301 COMMERCENTRE DRIVE • LAKE FOREST, CA 92630 • 949.830.1350 • 888.882.1350 • FAX 949.830.3390

FOCUS INDUSTRIES **DIRECTIONAL LIGHTS DL-38-NL SERIES** TYPE



BEAM/GLARE CONTROL ACCESSORIES

- FA-36** Aluminum Extension Cap only, no lens
- FA-36-BRS** Brass Extension Cap only, no lens
- CFA-36** Composite Extension Cap only, no lens

- FA-36-99** Aluminum Extension Cap, Tempered Convex Glass Lens
- FA-36-99BRS** Brass Extension Cap, Tempered Convex Glass Lens
- CFA-36-99** Composite Extension Cap, Tempered Convex Glass Lens

- FA-36-AC** Aluminum Angle Cap only, no lens
- CFA-36-AC** Composite Angle Cap only, no lens

- FA-36-ACL** Aluminum Angle Cap, Tempered Convex Glass Lens
- CFA-36-ACL** Composite Angle Cap, Tempered Convex Glass Lens

- FA-08-38** Round 1/4" Hex Cell Louver
- FA-10-38-BLUE** Blue Tempered Flat Glass Lens
- FA-10-38-GREEN** Green Tempered Flat Glass Lens
- FA-10-38-RED** Red Tempered Flat Glass Lens
- FA-10-38-AMBER** Amber Tempered Flat Glass Lens
- FA-99-38** Clear Tempered Convex Glass Lens
- FA-98-38** Linear Spread Tempered Glass Lens
- FA-104-38** Wide Spread Tempered Glass Lens Softener

Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

DL-38-NL-Cut Sheet 122017 BRASS & COPPER ONLY

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FOCUS INDUSTRIES **MOUNTING ACCESSORIES**
FA-25 & FA-26 SERIES TYPE

SPECIFICATIONS

POST: Angle cut 3" square x 20" ABS, 0.25" wall thickness
Bronze post standard with post cap finish -BAR, -BRT, -CAM, -WBR
Rubbed Verde post standard with post cap finish -RBV
Black post standard with all other post cap finishes.
POST CAP: Cast aluminum or brass threaded 1/2"NPS.
For composite cap model add "C" to beginning of part number (CFA-25, CFA-26)

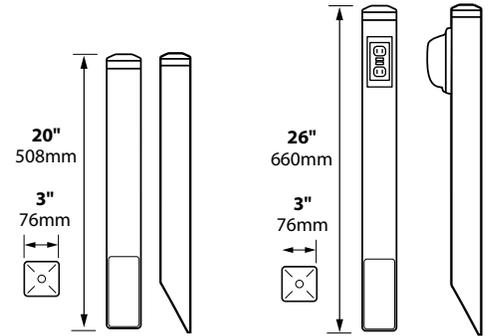
WIRING:
FA-25 models: None
FA-26 models: Green ground wire included inside cap.
CAP FINISH: Aluminum - Black texture polyester powder coat; optional finishes available
Brass - Unfinished; optional acid finishes available
Composite - Black, Rubbed Verde or Bronze

- 12V MOUNTING PEDESTAL FA-25**
20" post and cast aluminum or brass cap with female 1/2"NPS
- 120V-277V MOUNTING PEDESTAL FA-26**
20" post and cast aluminum or brass cap with female 1/2"NPS; ground wire in cap
- 120V MOUNTING PEDESTAL W/ PHOTOCELL FA-26-PC**
20" post and cast aluminum or brass cap with female 1/2"NPS; attached Photocell
- 120V MOUNTING PEDESTAL W/ 75W TRANSFORMER FA-26-75W**
20" post and cast aluminum or brass cap with female 1/2"NPS; internal 75w hardwire electronic transformer (HW-12-75)
- 120V MOUNTING PEDESTAL W/ GFIC RECEPTACLE FA-26-GFIC**
26" post and cast aluminum or brass cap with female 1/2"NPS; 125v 20 Amp GFIC receptacle with weather proof cover



ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	SHIP WEIGHT
FA-25-BLT	12v Commercial Mounting Pedestal, Aluminum Cap	2 lbs
FA-25-BRS	12v Commercial Mounting Pedestal, Brass Cap	3 lbs
FA-26-BLT	120-277v Commercial Mounting Pedestal, Aluminum Cap	2 lbs
FA-26-BRS	120-277v Commercial Mounting Pedestal, Brass Cap	3 lbs
FA-26-PC-BLT	120v Commercial Mounting Pedestal, Aluminum Cap with attached Photocell	2 lbs
FA-26-PC-BRS	120v Commercial Mounting Pedestal, Brass Cap with attached Photocell	3 lbs
FA-26-75W-BLT	120v Commercial Mounting Pedestal, Aluminum Cap with 75w Electronic Transformer	2 lbs
FA-26-75W-BRS	120v Commercial Mounting Pedestal, Brass Cap with 75w Electronic Transformer	3 lbs
FA-26-GFIC-BLT	120v Commercial Mounting Pedestal, Aluminum Cap with GFIC Receptacle	3 lbs
FA-26-GFIC-BRS	120v Commercial Mounting Pedestal, Brass Cap with GFIC Receptacle	4 lbs



FA-25 / FA-26 CFA-25 / CFA-26 FA-26-GFIC CFA-26-GFIC



JOB INFORMATION

Type: _____ Date: _____

Job Name: _____

Cat. No.: _____

Lamp(s): _____

Specifier: _____

Contractor: _____

Notes: _____

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Black Texture (Standard)	Antique Verde	Bronze Texture	Camel	White Texture	Hunter Texture	Rust	Weathered Iron	Weathered Brown	Stucco	Rubbed Verde	Chrome Powder	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT

FA-25_26 102715 BRASS & COPPER ONLY

25301 COMMERCENTRE DRIVE • LAKE FOREST, CA 92630 • 949.830.1350 • 888.882.1350 • FAX 949.830.3390

FOCUS INDUSTRIES **ARROW LED** **FL-LED-P38SS** TYPE

GO GREEN
75% - 80% LESS ENERGY

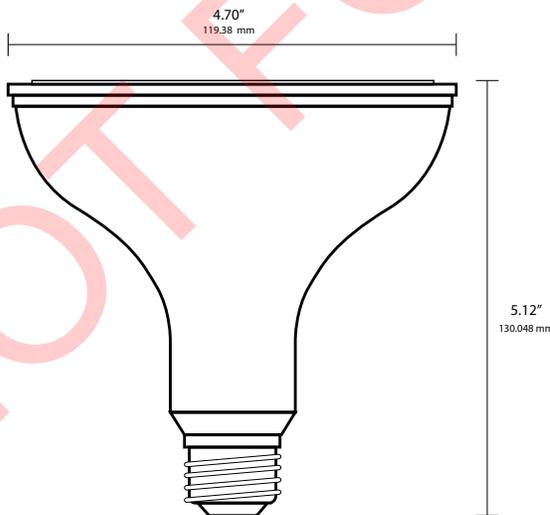
**E26 MEDIUM BASE PAR LAMPS COMPATIBLE WITH FOCUS
120v-277v ENCLOSED FIXTURES**

- Long Life - 50,000 Hours L7 Average Rating (rated life to 70% initial light output)
- High Power White LED Light Source
- Halogen Equivalent Lumens
- CRI 80 (Color Rendering Index)
- 3000K Warm White Color
- Cool Beam, No UV or IR
- Input Voltage Range of 85v - 277v
- Dimmable
- DOE LM79 Tested / LM80 Compliant
- Power Factor .6
- 5 Year Limited Warranty
- ETL/cETL, CE & Energy Star Certified
- Available in 15° Spot and 40° Flood
- Must be installed in sealed fixture



PAR 38SS ORDERING INFORMATION • EQUAL TO 150w HALOGEN

CATALOG NO.	WATTAGE	L#	INPUT VOLTAGE RANGE	LUMEN OUTPUT	COLOR TEMP	BEAM ANGLE	BASE
→ FL-LED-P38SS15	15w	156	120v - 277v	1350	3000K	SP 15°	E26
FL-LED-P38SS40	15w	158	120v - 277v	1350	3000K	FL 40°	E26



FL-LED-PAR38SS

JOB INFORMATION	
Type:	Date:
Job Name:	
Cat. No.:	
Lamp(s):	
Specifier:	
Contractor:	
Notes:	
FOCUS INDUSTRIES INC. 25301 COMMERCENTRE DRIVE LAKE FOREST, CA 92630	
www.focusindustries.com sales@focusindustries.com (949) 830-1350 • FAX (949) 830-3390	

PAR 38-SUPER SAVER LED Cut Sheet_Update 011520

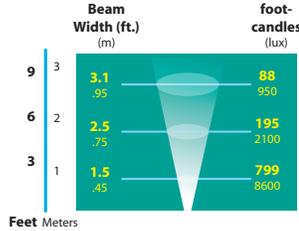
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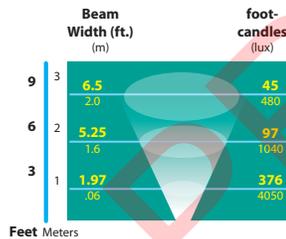
ARROW LED
FL-LED-P38SS

TYPE

LIGHT DISTRIBUTIONS AND PHOTOMETRICS



FL-LED-P3815



FL-LED-P3840



PAR88-SUPER-SAVE-LED-06-feet_Updated011520 112520

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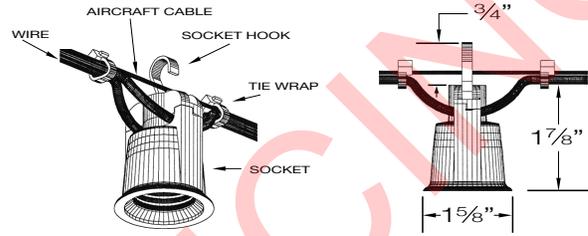
DECOSTRING SERIES

LED / INCANDESCENT

SUSPENDED DECORATIVE STRINGLIGHT SYSTEMS



LIGHTING SUPPLIER TO FURNISH FIXTURE WITH LENGTHS AND MOUNTING ACCESSORIES AS REQUIRED.



SOCKET, WIRE & CABLE DETAILS

Decostrings are a perfect accent lighting solution to add a personal ambience to patios, courtyards, atriums, restaurants, amusement parks and any open area. The "festoon" lighting system is typically strung between two anchorage points with optional intermediary support and electrically fed from one end. The sockets can be either symmetrically spaced or randomly spaced to suit the application. Optional shades, guards and lenses complete the architectural design.

SPECIFICATIONS

- LAMPHOLDER** Black phenolic, medium base UL weatherproof with hook for optional mounting.
- POWER CORD** 12/2 G. Black flexible duplex cable, UV rated for extended outdoor use.
- SUPPORT CABLE** 3/32" SS aircraft catenary cable supports the system, 980# test. Heavier cable available.
- LAMPS** Wet location rated LED and incandescent medium base A, G or S style lamps.
- DIMMING** Dimmable to 10% with ELV trailing edge type dimmers.
- VOLTAGE** 120V system (1920 watts max load). No driver or transformer required.
- ACCESSORIES** Optional brass, aluminum and acrylic shades. Consult factory for custom shades.
- PHOTOMETRY** Bare lamp and shielded "BUG" rated .IES files available.
- CERTIFICATION** ETL listed for permanent damp or wet installations. 2001431 MADE IN THE USA

PART NUMBER

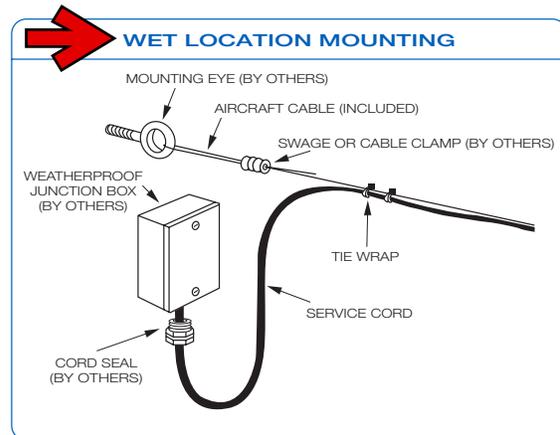
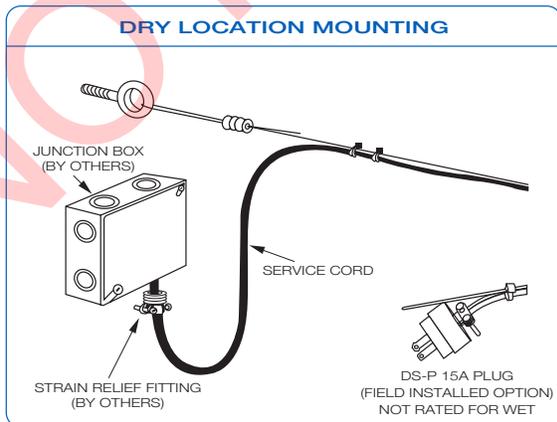
SERIES	SPACING	VOLTS	LAMP	SHADE-FINISH	LENGTH
<ul style="list-style-type: none"> DSD DAMP DSW WET 	<ul style="list-style-type: none"> 12 12"O/C 18 18"O/C 24 24"O/C 36 36"O/C 48 48"O/C (OTHER, SPECIFY) 	<ul style="list-style-type: none"> 120 120V 	<ul style="list-style-type: none"> SELECT FROM LAMP PAGE 3 PLED-S14 FILAMENT 150LUMENS 2400K TEFLON COATED 	<ul style="list-style-type: none"> OPTIONAL SELECT FROM PAGE 4 & 5 OR LEAVE BLANK 	<ul style="list-style-type: none"> SPECIFY



DECOSTRING SHADES & GUARDS

NOT FOR PRICING

DECOSTRING MOUNTING





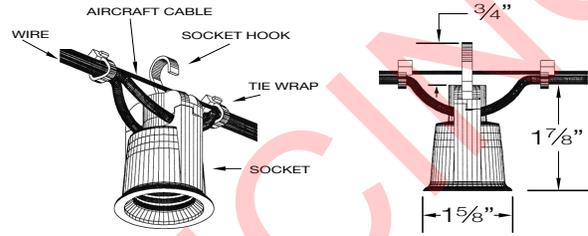
DECOSTRING SERIES

LED / INCANDESCENT

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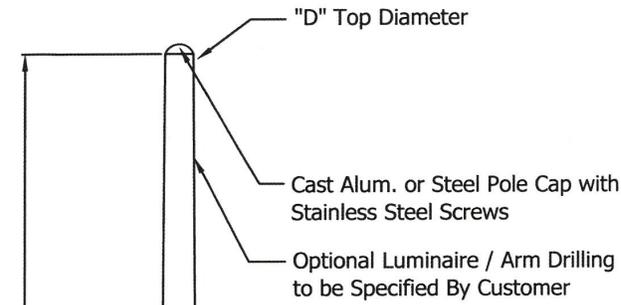
- LAMPHOLDER** Black phenolic, medium base UL weatherproof with hook for optional mounting.
- POWER CORD** 12/2 G. Black flexible duplex cable, UV rated for extended outdoor use.
- SUPPORT CABLE** 3/32" SS aircraft catenary cable supports the system, 980# test. Heavier cable available.
- LAMPS** Wet location rated LED and incandescent medium base A, G or S style lamps.
- DIMMING** Dimmable to 10% with ELV trailing edge type dimmers.
- VOLTAGE** 120V system (1920 watts max load). No driver or transformer required.
- ACCESSORIES** Optional brass, aluminum and acrylic shades. Consult factory for custom shades.
- PHOTOMETRY** Bare lamp and shielded "BUG" rated .IES files available.
- CERTIFICATION** ETL listed for permanent damp or wet installations. 2001431 MADE IN THE USA

PART NUMBER

SERIES	SPACING	VOLTS	LAMP	SHADE-FINISH	LENGTH
DSD DAMP	12 12"/O/C	120 120V	SELECT FROM LAMP PAGE 3	OPTIONAL	SPECIFY
→ DSW WET	18 18"/O/C			SELECT FROM PAGE 4 & 5 OR LEAVE BLANK	
	→ 24 24"/O/C				
	36 36"/O/C				
	48 48"/O/C				
	(OTHER, SPECIFY)		→ PLED-S14 FILAMENT 150LUMENS 2400K TEFLON COATED		

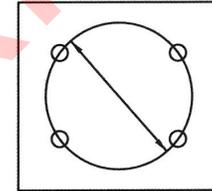
**Round Tapered
Fiberglass Pole**

CONTINENTAL
POLE & LIGHTING

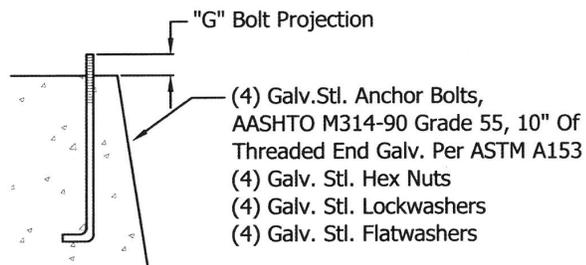
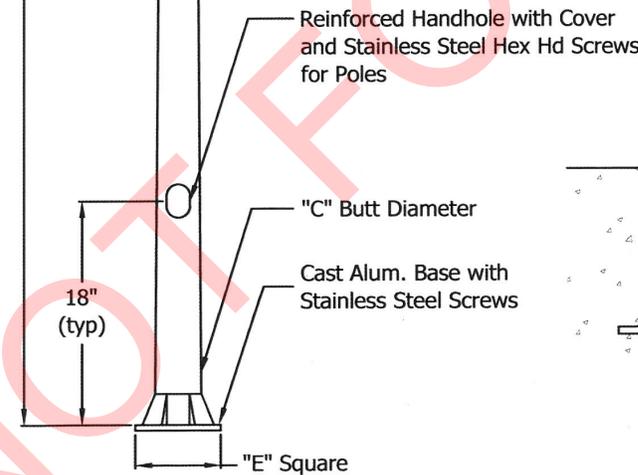


Tenon Mount	
2	2 3/8" OD x 3" or 4" Tenon
3	2 7/8" OD x 3" or 4" Tenon
3.5	3 1/2" OD x 4" to 6" Tenon
4	4" OD x 4" to 6" Tenon

Drill Mount	
DM10	1 Luminaire
DM2090	2 Luminaires at 90 Degrees
DM2180	2 Luminaires at 180 Degrees
DM3090	3 Luminaires at 90 Degrees
DM3120	3 Luminaires at 120 Degrees
DM4090	4 Luminaires at 90 Degrees



"F" Bolt Circle Diameter



SHAFT:

Shaft to be constructed of continuous fiberglass filament combined with a polyurethane resin through an advanced Pultrusion moulding process to produce a smooth surface finish and uniform wall thickness.

- *Optional luminaires mounting available.
- *Optional anchor base covers or nut covers available.

PO Box 12021 Portland OR 97212 Tel: 503.282.1724 Fax: 503.282.5051 www.continentalpole.com

**Round Tapered
Fiberglass Pole**

CONTINENTAL
POLE & LIGHTING



"A" Mtg. Height (ft.)	"C" Butt Diameter (in.)	"D" Top Diameter (in.)	Maximum EPA						Catalog Number
			100	110	120	130	140	150	
10	5.3	3.5	7.3	5.8	4.8	4.0	3.4	2.9	RTFG-10-53-35
12	5.7	3.5	7.2	5.7	4.7	3.9	3.3	2.8	RTFG-12-57-35
14	6.0	3.5	7.0	5.6	4.6	3.8	3.2	2.8	RTFG-14-60-35
16	6.4	3.5	6.2	5.0	4.1	3.4	2.8	2.4	RTFG-16-64-35
18	6.7	3.5	6.2	5.0	4.1	3.4	3.2	2.8	RTFG-18-67-35
20	7.1	3.5	5.8	4.6	3.7	3.0	2.5	2.1	RTFG-20-71-35
20	8.1	4.5	6.7	5.4	4.4	3.6	3.0	2.5	RTFG-20-81-45
20	8.6	5.0	13.7	11.1	9.2	7.8	6.6	5.7	RTFG-20-86-50
22	7.5	3.5	5.5	4.4	3.5	2.8	2.3	1.9	RTFG-22-75-35
22	8.5	4.5	6.5	5.2	4.2	3.4	2.9	2.4	RTFG-22-85-45
22	9.0	5.0	13.6	11.0	9.2	7.7	6.5	5.6	RTFG-22-90-50
24	7.8	3.5	4.9	3.9	3.1	2.5	2.0	1.7	RTFG-24-78-35
24	8.8	4.5	6.2	4.9	3.9	3.1	2.9	2.4	RTFG-24-88-45
24	9.3	5.0	13.4	10.9	9.0	7.6	6.4	5.4	RTFG-24-93-50
26	8.2	3.5	4.7	3.6	2.9	2.3	1.8	1.5	RTFG-26-82-35
26	9.2	4.5	5.7	4.5	3.6	2.9	2.4	1.9	RTFG-26-92-45
26	9.7	5.0	13.3	10.8	8.9	7.4	6.3	5.2	RTFG-26-97-50
28	8.5	3.5	4.4	3.4	2.7	2.1	1.7	1.3	RTFG-28-85-35
28	9.5	4.5	5.4	4.2	3.4	2.7	2.2	1.7	RTFG-28-95-45
28	10.0	5.0	12.3	10.0	8.2	6.9	5.8	4.7	RTFG-28-10-50
30	8.9	3.5	4.2	3.2	2.4	1.9	1.5	1.2	RTFG-30-89-35
30	9.9	4.5	5.0	4.0	3.2	2.5	2.1	1.4	RTFG-30-99-45
30	10.4	5.0	12.2	9.9	8.1	6.8	5.7	4.7	RTFG-30-104-50

PAINT FINISHES:

- WP = White
- BP = Black
- BR = Med Bronze
- DG = Dark Green
- GP = Gray
- DB = Dark Bronze
- SP = Sandstone
- BG = Burgundy
- HG = Hunter Green
- RD = Bright Red
- SB = Steel Blue

"A" Shaft Length (ft.)	"D" Top Diameter (in.)	"E" Base Square (in.)	"F" Bolt Circle (in.)	Anchor Bolts (in.)
20'-26'	3.5	11.5	12.0	.75 x 21 x 3
28'-30'	3.5	13.5	14.0	1 x 36 x 4
20'-24'	4.5-5.0	11.5	12.0	.75 x 21 x 3
26'-30'	4.5-5.0	13.5	14.0	1 x 36 x 4

Custom finishes available on request.

SPECIFY MOUNTING:

- Tenon Mount: Specify tenon diameter and length.
- Side Mounting: Specify luminaire type, quantity and orientation.
- Luminaire drilling must be supplied at time of order.

NOTES:

Poles are designed with a minimum safety factor of 2:1 and have a maximum deflection of 10% under full wind loading conditions. Enlarged square butt-ends to provide maximum rotation resistance.

Effective Projected Area (EPA) is calculated using the wind velocity (mph) shown in addition to a 30% gust factor. The range of EPAs are calculated assuming a minimum of 25 lbs. to a maximum of 100 lbs. per square foot. Maximum EPA is based on the luminaire weight given. Note that increasing the luminaire weight will decrease the maximum EPA.

**LIGHTING SUPPLIER TO CONFIRM
FINISH WITH DESIGN ARCHITECT PRIOR
TO ORDERING.**



BASELITE RLM CATALOG

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.

NOTES:

*SKIP SECTION IF OPTION DOES NOT APPLY

MODEL #	/	/	/	/	/	/	/	/	/	/	/
EXAMPLE:	A	B	C	D	E	F	G	H	I	J	K
	WS12	41	E16	SQ 1/2"	43	45W	3K	PR3	GR16	44	LDM120

A - SHADES

- ROADHOUSE
- MC8 MCA12
- MC12 MCF12
- MC16 MCL12
- MC18 IMC20
- MC20 3MC12E1
- HARBOR SHADES
- HR8 HR18 HRF16
- HR10 HRS10
- HR14 HAR16
- HR16 HAR18
- STAGECOACH
- SG11 SG16
- SGF11 SG38
- SG12 SG58
- HERITAGE
- DLP12 SCP16
- DLP14 SCP18
- DLP16 SCFS12
- DLP18 SCFS14
- SCF12 SCFS16
- SCF14 SCFS18
- SCF16 SCPL16
- SCF18 FNP8
- SCP12 FNF8
- SCP14
- SBWS
- SBW10716
- SBW10718
- SBW10720
- SBW11016
- SBW11018
- SBW11020
- SBW11518
- SBW11520
- SBCS
- SBC14
- SBC16
- SBC18

B - FINISH OPTIONS

- 16-DISTRESSED TURQUOISE
- 17-DISTRESSED CHALK
- 18-MINT GREEN
- 19-ANTIQUÉ ALUMINUM*
- 19P-ANTIQUÉ ALUMINUM
- 20-RAW BRASS
- 20P-BRASS
- 20PB-POLISHED BRASS
- 20SB-SATIN BRASS
- 21-OIL RUBBED BRONZE*
- 21P-OIL RUBBED BRONZE
- 22-OLD PEWTER*
- 22P-OLD PEWTER PC
- 23-OLD COPPER PATINA*
- 23P-O LD COPPER PATINA
- 38-COPPER TINT
- 39-RAW COPPER
- 40-COPPER CLEAR COAT
- 41-GLOSS BLACK
- 41.5-MATTE BLACK
- 42-DARK GREEN
- 43-RED
- 44-WHITE
- 45-MEDIUM BLUE
- 46-YELLOW
- 48-POLISHED ALUMINUM
- 49-GALVANIZED
- 50-NAVY BLUE
- 51-ARCHITECTURAL BRONZE
- 52-PATINA
- 53-RUST
- 54-STUCCO
- 55-SAGE
- 57-POLISHED ALUMINUM CC
- 58-SATIN ALUMINUM
- 59-COPPER TONE
- 60-CANAL GREEN
- 61-ANODIZED CHARCOAL
- 62-ANODIZED BRONZE
- 63-IRON RUST
- 64- WROUGHT IRON
- 65-TERRACOTTA
- 66-BARK
- 70-TRANSPARENT RED
- 71-TRANSPARENT GREEN
- 72-TRANSPARENT WINE
- 73-TRANSPARENT NAVY
- 74-GUN METAL
- 75-DISTRESSED RED
- 76-DISTRESSED BLUE

B - FINISH OPTIONS (CONT.)

- 77-DISTRESSED GREEN
- 78-CHALKBOARD BLACK
- 79-GHOST ORANGE
- 80-PALE GOLD
- 81-METALLIC BRONZE
- 82-BLACK GOLD
- 83-SHOCKER GREEN
- 84-FADDED BLUE
- 85-COBBLESTONE
- 86-BRONZE COPPER
- 87-CHAMPAGNE
- 88-FLAMED STEEL
- 89-TAUPE
- 90-LIME GREEN
- 91-PACIFIC PINE
- 92-ANTIQUÉ GALVANIZED
- 93-FADDED COPPER
- 94-ANODIZED ALUMINUM
- 95-TURQUOISE
- 96-PURPLE
- 97-BATTLESHIP GREY
- 98-BLACKENED PIPE
- 99-STEEL
- 100-OLD STEEL
- PN-POLISHED NICKEL
- (MG) MARINE GRADE FINISH-AVAILABLE UPON REQUEST.

C - MOUNTING

- 1/2" ARM EXTENSIONS
- E1 E4
- E2 B1
- E3
- 3/4" ARM EXTENSIONS
- E3A E10 E17
- E4A E11 E17S
- E5 E12 E18
- E6 E13 E19
- E7 B15 E20
- E8 B15S E22
- E9 E16

E14 - CREATE YOUR OWN
(BASELITE WILL TAKE YOUR SKETCH AND FABRICATE A CUSTOM ARM EXTENSION TO MEET YOUR NEEDS).

*ALL ARMS SOLD WITH CAST BACKPLATE (CB)

C - MOUNTING (CONT.)

- WALL MOUNT
- B10 WM13X WM31
- B11 WM14 WM35
- B12 WM14X WM35X
- B13 WM15 WM55
- B101 WM18 WM55X
- WM10 WM25 WM60
- WM11 WM26 WM61
- WM12 WM27 WM70
- WM13 WM28 WM71
- WM13R WM30

- POST MOUNT
- PM10 PM55
- PM15 PM56
- PM18 PM60
- PM20 PM61
- PM21 PM62
- PM25 PM63
- PM30 PM70
- PM35 PM71
- PM40 PM72
- PM45 PM73
- PM50

- CORD MOUNT
- BLC TLB RCHB
- WHC TLW RCHW
- TCB TLB FHB
- TCW TLW HBLC
- TCHB RCB HWHC
- TCHW RCW CBLC
- CWHC

- STEM MOUNT
- ST6 ST48
- ST12 DP24
- ST18 SC24
- ST24 STXX
- ST36

D - MOUNTING ADD-ONS

- TRB 1/2" SLC 1/2" LGSWL
- TRB 3/4" SLC 3/4" CNK
- SQ 1/2" STC
- SW 3/4" FH 1/2"
- CB 1/2" FH 3/4"
- CB 3/4" SWL

E - MOUNTING COLOR

SEE SECTION "B" FOR COLOR OPTIONS.



BASELITE RLM CATALOG

PROJECT NAME: _____
PROJECT TYPE: _____

F – LIGHT SOURCE

INCANDESCENT (INC)
100W
150W
200W
300W
COMPACT FLOURESCENT (CF)
26W
32W
42W
HIGH INTENSITY DISCHARGE (HID)
35W 100W
50W 150W
70W 175W
LIGHT EMITTED DIODE (LED)
12W 45W
25W 75W
35W 100W

G – LED COLOR TEMP

(ONLY APPLICABLE FOR LED LIGHT SOURCE. SKIP THIS SECTION IF OPTION DOES NOT APPLY.)
27K – 2700 K*
3K – 3000 K
35K – 3500 K
4K – 4000 K
5K – 5000 K*

H – GLASS OPTION

CL3	GR3*	PR3
CL4	GR4*	PR4
CLT3	AH3*	BA
CLT4	AH4*	BAX
BL3*	FR3	BAF
BL4*	FR4	PR8
RE3*	FRT3	PR8F
RE4*	FRT4	FN

I – ACCESSORIES

GR7	CGR	FGR7
GR8	LGR10	FGR8
GR10	LGR12	FGR10
GR12	LGR14	FGR12
GR14	CRL12	FGR14
GR16	CRL14	FGR16
GR18	CRL16	FGR18
GR20	CRL18	FGR20
GR24	FLE12	FGR24
GR27	FLE14	FGR27
REF	FLE16	GU-1
UGR	FLE18	GU-2

J – ACCESSORY COLOR

SEE SECTION "B" FOR COLOR OPTIONS.

K – ELECTRICAL

CDM7-120/277
CDM10-120
CDM10-277
LDM120
LDM277
LDM0-10
PHCL120
PHCL277
FS – FUSING
EM – EMERGENCY BALLAST
BRC – BALLAST RETAINER CHAIN

NOTES

- *ALL ARMS COME WITH A CAST BACKPLATE (CB1/2", CB3/4", LWTM, CFWTM, ECT.)
- *ACCORDING TO THE LIGHT SOURCE THE BACKPLATE MAY VARY IN SIZE. (EXAMPLE: LED LIGHT SOURCE WILL HAVE A DEEPER BACKPLATE TO HOUSE THE DRIVER.)
- *FINISH OPTIONS 20, 21, 22, 23 ARE FOR SOLID BRASS FIXTURES ONLY
- *FINISH OPTIONS 19, 21, 22, 23 ARE AN ACID FINISH AND IS APPLIED BY HAND. THESE FINISHES WILL VARY IN CONSISTENCY.
- *FINISH OPTIONS 61, 62, 70, 71, 72, 73 ARE FINISHED WITH A SUPERCHROME ON THE INSIDE FOR ALL LED LIGHTSOURCE OPTIONS.
- *GLASS OPTION BL3, BL4, RE3, RE4, GR3, GR4, AH3, AH4 ARE NOT AVAILABLE FOR H.I.D. LIGHT SOURCE.
- *27K AND 5K ARE NOT COMPATIBLE WITH 75W & 100W LED OPTION.
- *COLOR CORDS ARE NOT APPLICABLE FOR LED OPTIONS.
- *FIXTURE DIMENSIONS MAY VARY ± 0.25



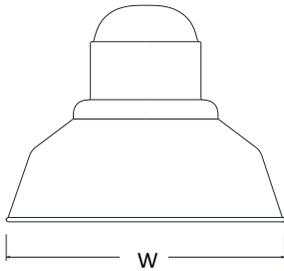
BASELITE RLM CATALOG

PROJECT NAME: _____
PROJECT TYPE: _____

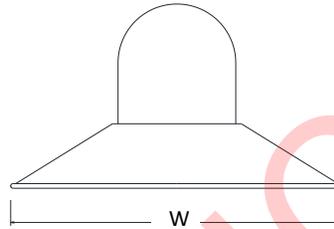
A – SHADES (CONTINUED)

SELF BALLASTED WAREHOUSE SHADE SERIES

SELF BALLASTED CONE SHADE SERIES



	HEIGHT	WIDTH
SBW10716	14"	16"
SBW10718	14"	18"
SBW10720	14"	20"
SBW11016	14"	16"
SBW11018	14"	18"
SBW11020	14"	20"
SBW11518	14"	18"
SBW11520	14"	20"



	HEIGHT	WIDTH
SBC14	9"	14"
SBC16	9.5"	16"
SBC18	10"	18"

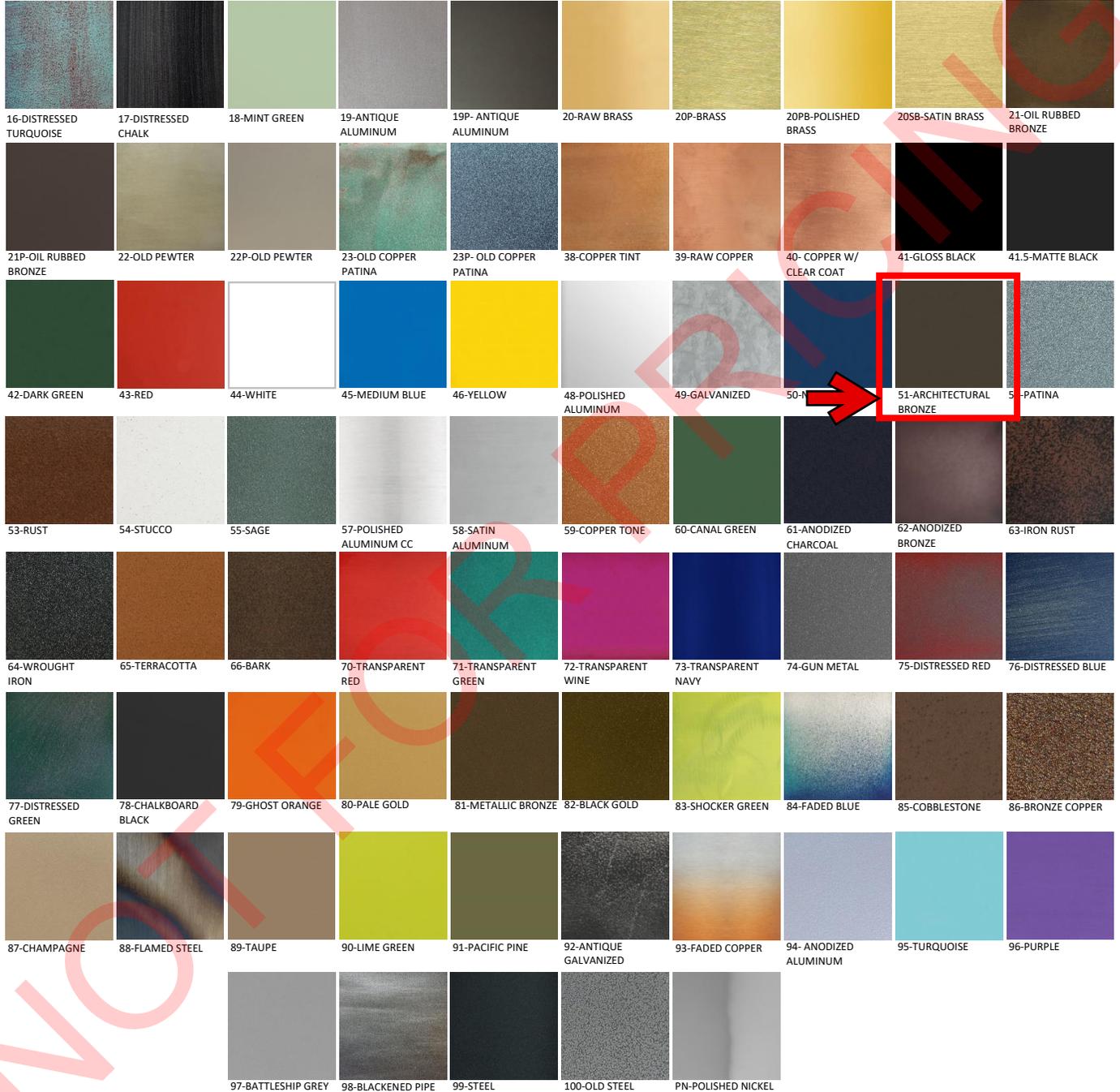
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BASELITE RLM CATALOG

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.

B – FINISH OPTIONS



B – FINISH OPTIONS NOTES

- *FINISH OPTIONS # 19,20, 20P, 20PB, 20SB, 21, 22, 23, 38, 39, 40, 48, 49, 54, 57, 58, 61, 62, 63, 70, 71, 72, 73, 78, 83, 84, 88, 92, 93, 98 ARE THE SAME COLOR INSIDE AND OUT OF THE FIXTURE.
- *ALL OTHER FINISH OPTIONS COME STANDARD WITH WHITE ON THE INSIDE UNLESS SPECIAL REQUEST IS SPECIFIED.
- *FINISH OPTION # 88 ONLY APPLIES TO SPECIFIC FIXTURES, CALL FOR MORE DETAILS.
- *FINISH OPTIONS ON THIS SPEC SHEET ARE REPRESENTATIVE ONLY AND MAY VARY SLIGHTLY FROM THE ACTUAL COLOR.



BASELITE RLM CATALOG

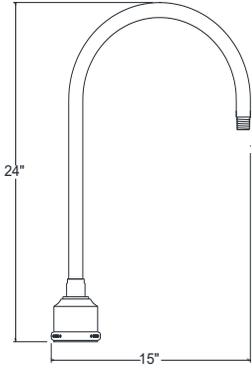
PROJECT NAME: _____
PROJECT TYPE: _____

C - MOUNTING OPTIONS (CONTINUED)

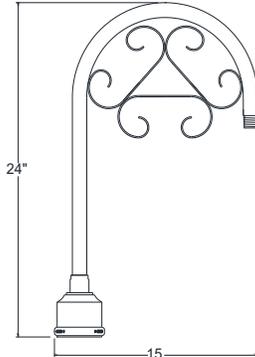
POST MOUNTS

*3" FITTER STANDARD, 4" FITTER OPTIONAL UPON REQUEST

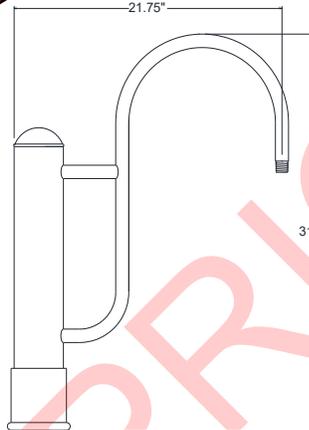
PM10



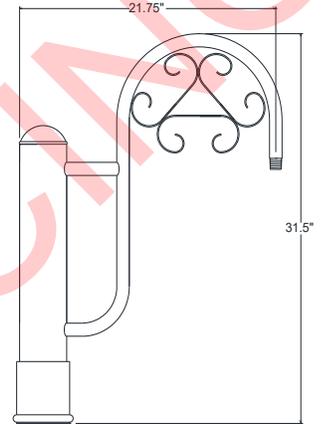
PM15



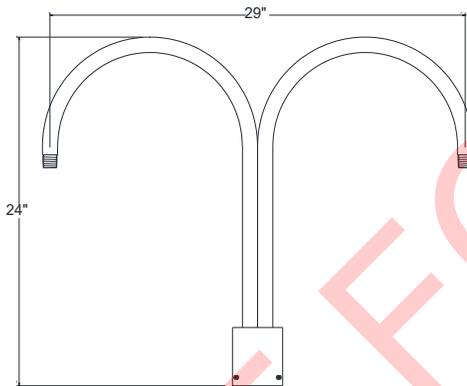
PM30



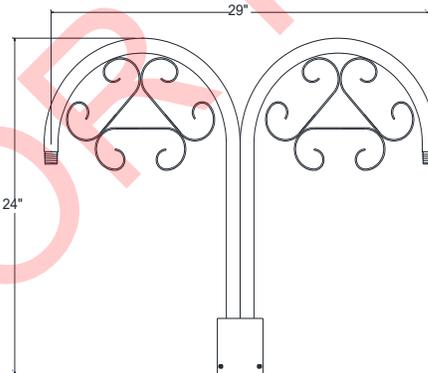
PM35



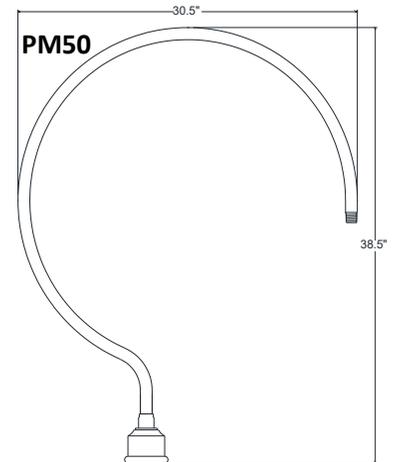
PM20



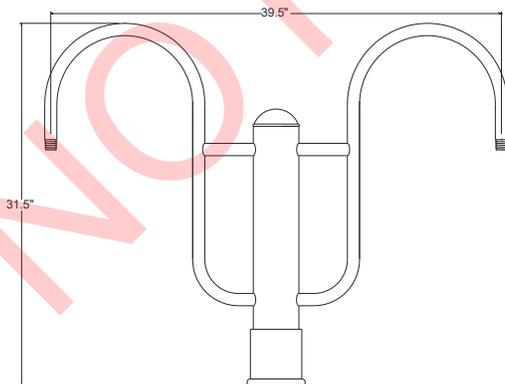
PM25



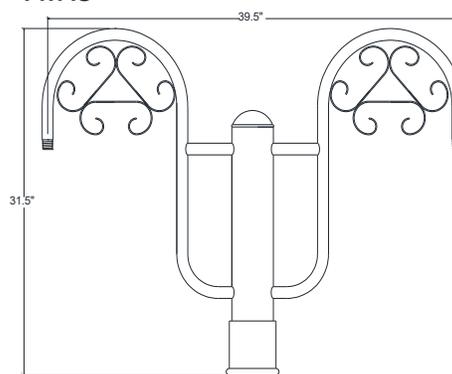
PM50



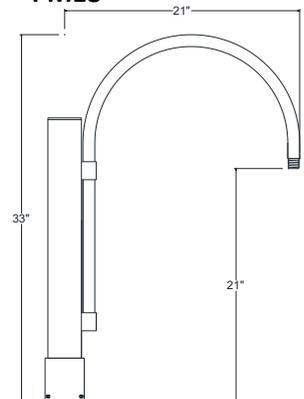
PM40



PM45



PM18





BASELITE RLM CATALOG

PROJECT NAME: _____
PROJECT TYPE: _____

F – LIGHT SOURCE

BASELITE'S PUBLISHED LUMINAIRE PHOTOMETRIC TESTING WAS PERFORMED IN A 3-METER INTEGRATING SPHERE USING THE 4TT GEOMETRY METHOD. DATA IS CONSIDERED TO BE REPRESENTATIVE OF THE CONFIGURATIONS SHOWN, WITHIN THE TOLERANCES ALLOWED BY LIGHTING FACTS. TO OBTAIN AN IES FILE SPECIFIC TO YOUR PROJECT, PLEASE CONTACT THE FACTORY.

OPTION	WATTAGE	LUMENS	CRI	VOLTAGE	DIMMING
LIGHT EMITTING DIODE (LED)					
LED12W	12W	1000	1200	>90	120-277 VAC 0-10V
LED25W	25W	1900	2000	>90	120-277 VAC 0-10V
LED45W	45W	2700	2700	>90	120-277 VAC 0-10V
LED75W	75W	5700	6300	>90	120-277 VAC 0-10V
<p><small>*IMPORTANT – FOR LIGHT EMITTED DIODE (LED) LIGHT SOURCE OPTION FIXTURES ARE LIMITED DUE TO SIZE OF THE FIXTURE AND THE CORD WATTAGE RESTRICTIONS. PLEASE SEE AVAILABILITY CHART TO THE RIGHT.</small></p> <p>EXAMPLE: / LED25W /</p>		<p><small>LED 12W (MAX)- MC8, HR8, HR10, SG11, SGF11, SG12, SBC14 LED 25W (MAX)- MCF12, MC12, MC16, MC18, MC20, IMC20, 3MC12E1, HR14, HR16, HR18, HAR16, HAR18, SG16, DLP12, DLP14, DLP16, DLP18, FNF8 LED 45W (MAX)- SBW10716, SBW11016, SBC16 LED 75W (MAX)- SBW10718, SBW11018, SBW11518, SBW10720, SBW11020, SBW11520, SBC18</small></p>			

OPTION	WATTAGE	LUMENS	CRI	VOLTAGE	DIMMING
INCANDESCENT (INC) <small>MED E26</small>					
100WINC	100W	PER BULB SPECS	>90	120-277 VAC	N/A
150WINC	150W	PER BULB SPECS	>90	120-277 VAC	N/A
200WINC	200W	PER BULB SPECS	>90	120-277 VAC	N/A
300WINC	300W	PER BULB SPECS	>90	120-277 VAC	N/A
<p><small>*IMPORTANT – FOR INCANDESCENT (INC) LIGHT SOURCE OPTION, FIXTURES ARE LIMITED DUE TO SIZE OF THE FIXTURE AND THE CORD WATTAGE RESTRICTIONS. PLEASE SEE AVAILABILITY CHART TO THE RIGHT.</small></p> <p>EXAMPLE: / INC150W /</p>		<p><small>INC 100W- MC8, MCF12, MC12, 3MC12E1, HR8, HR10, SG11, SGF11, SG12, DLP12, FNF8 INC 150W- HR14, DLP14, DLP16, SBC14 INC 200W- MC16, MC18, MC20, IMC20, HR16, HR18, HAR16, HAR18, SG16, DLP18, SBW10716, SBW11016, SBW10718, SBW11018, SBW11518, SBW10720, SBW11020, SBW11520, SBC16, SBC18 INC 3- 100W- SG38 INC 5- 100W- SG58</small></p>			

OPTION	WATTAGE	LUMENS	CRI	VOLTAGE	DIMMING
COMPACT FLOURESCENT (CF)					
CF26W	26W	PER BULB SPECS	>90	120-277 VAC	0-10V
CF32W	32W	PER BULB SPECS	>90	120-277 VAC	0-10V
CF42W	42W	PER BULB SPECS	>90	120-277 VAC	0-10V
<p><small>*IMPORTANT – FOR COMPACT FLOURESCENT (CF) LIGHT SOURCE, FIXTURES ARE LIMITED DUE TO THE SIZE OF THE SHADE. PLEASE SEE THE CHART TO THE RIGHT TO SEE WHAT WATTAGE IS COMPARABLE FOR EACH FIXTURE WHEN ORDERING.</small></p> <p>EXAMPLE: / CF42W /</p>		<p><small>CF 26W(MAX)- HR8 CF 26W, 32W(MAX)- MC8, MCF12, HR10 CF 26W, 32W, OR 42(MAX)- MC12, MC16, MC18, MC20, IMC20, 3MC12E1, HR14, HR16, HR18, HAR16, HAR18, SGF11, SG16, DLP12, DLP14, DLP16, DLP18, FNF8, SBW10716, SBW11016, SBW10718, SBW11018, SBW11518, SBW10720, SBW11020, SBW11520, SBC14, SBC16, SBC18</small></p>			



BASELITE RLM CATALOG

PROJECT NAME: _____
PROJECT TYPE: _____

H – GLASS OPTIONS

*NOTE: MUST USE TEMPERED GLASS FOR LIGHT FIXTURES USING HIGH INTENSITY DISCHARGE (HID) LIGHT SOURCE OPTION.

GLASS – MAX WATTAGE	
3" GLASS	– 100W INC / LED12W
4" GLASS	– 200W INC / LED25W



GLASS – DIMENSIONS	
3" GLASS	
Diameter	3.34"
Height	6.93"
Fitter	3.29"
4" GLASS	
Diameter	4.34"
Height	8.37"
Fitter	4.29"

- FR3** 3" FROSTED GLASS
- FR4** 4" FROSTED GLASS
- FRT3** 3" FROSTED TEMPERED
- FRT4** 4" FROSTED TEMPERED



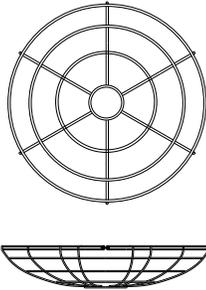
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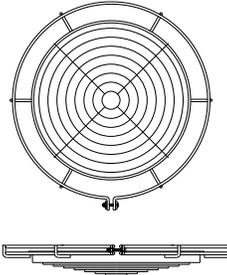
BASELITE RLM CATALOG

PROJECT NAME: _____
PROJECT TYPE: _____

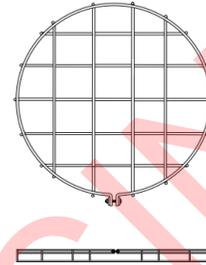
I – ACCESSORIES



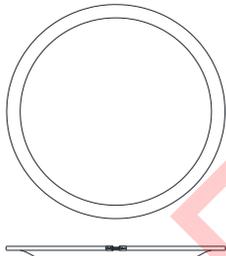
- GR7** 7" WIRE GRILL
- GR8** 8" WIRE GRILL
- GR10** 10" WIRE GRILL
- GR12** 12" WIRE GRILL
- GR14** 14" WIRE GRILL
- GR16** 16" WIRE GRILL
- GR18** 18" WIRE GRILL
- GR20** 20" WIRE GRILL
- GR24** 24" WIRE GRILL
- GR27** 27" WIRE GRILL



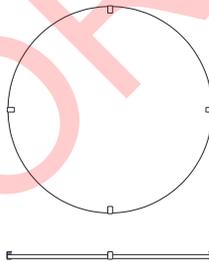
- LGR10** 10" LOUVERED GRILL
- LGR12** 12" LOUVERED GRILL
- LGR14** 14" LOUVERED GRILL



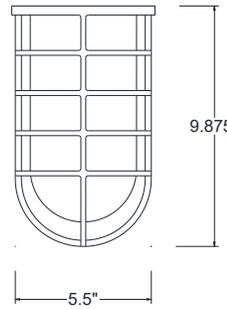
- FGR7** 7" FLAT GRILL
- FGR8** 8" FLAT GRILL
- FGR10** 10" FLAT GRILL
- FGR12** 12" FLAT GRILL
- FGR14** 14" FLAT GRILL
- FGR16** 16" FLAT GRILL
- FGR18** 18" FLAT GRILL
- FGR20** 20" FLAT GRILL
- FGR24** 24" FLAT GRILL
- FGR27** 27" FLAT GRILL



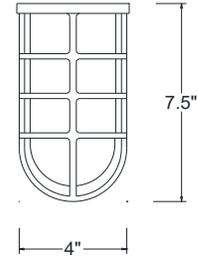
- CRL14** 14" COVERED POLYCARB LENSE
- CRL16** 16" COVERED POLYCARB LENSE
- CRL18** 18" COVERED POLYCARB LENSE
- CRL20** 20" COVERED POLYCARB LENSE



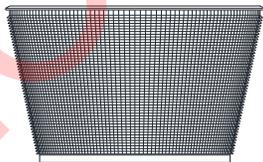
- FLE12** 12" FLAT GLASS LENSE
- FLE14** 14" FLAT GLASS LENSE
- FLE16** 16" FLAT GLASS LENSE
- FLE18** 18" FLAT GLASS LENSE



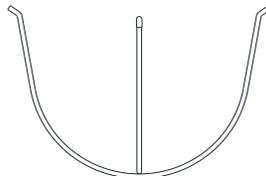
GU-2 CAST GUARD



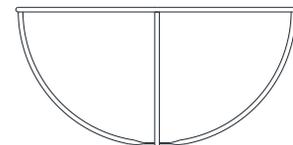
GU-1 CAST ALUMINUM GUARD



REF 9.5" DIAMETER REFRACTOR



UGR U- WIRE GUARD



CGR C- WIRE GUARD



BASELITE RLM CATALOG

PROJECT NAME: _____
PROJECT TYPE: _____

K – ELECTRICAL OPTION

MOST BASELITE'S ELECTRICAL OPTIONS ARE ONLY COMPATIBLE FOR CERTAIN FIXTURES. PLEASE SEE NOTES BELOW AND FOR FURTHER DEATIALS CONTACT THE FACTORY. FOR DIMMING BALLAST OPTION PLEASE CHOOSE MARK X OR MARK VII, SO RESTRICTIONS APPLY DUE TO THE SIZE OF THE BALLAST AND FIXTURE.

COMPACT FLUORESCENT DIMMING OPTIONS
PROVIDED WITH ADVANCE TRANSFORMER, PLEASE CHOOSE MARK 10 OR MARK 7 WITH SPECIFIED VOLTAGE FROM THE LIST BELOW. CONTACT BALLAST MANUFACTURER FOR SPECIFICATIONS.
CDM7-120/277 - ADVANCE MARK 7 0-10v ELECTRICAL BALLST – 120/277 VOLT
CDM10-120 - ADVANCE MARK 10 ELECTRICAL BALLST – 120 VOLT
CDM10-277 - ADVANCE MARK 10 ELECTRICAL BALLST – 277 VOLT

LED DIMMING OPTIONS
FOR TRIAC OR 0-10V OPTOIN CHOOSE FROM THE FOLLOWING. CONTACT DRIVER MANUFACTURER FOR SPECIFICATIONS.
LDM120 - TRIAC DIMMING AT 120 VOLT
LDM277 - TRIAC DIMMING AT 277 VOLT
LDM0-10V – 0 – 10v

PHCL120V – PHOTOCELL 120 VOLT
PHCL277V – PHOTOCELL 277 VOLT

FS – FUSING
EM – EMERGENCY BALLAST (ONLY AVAILABLE FOR COMPACT FLOURESCENT)
BRC – BALLAST RETAINER CHAIN

NOTES:
FOR COMPACT FLUORESCENT DIMMING OPTION:
MARK 7 – 120 THROUGH 277V. BALLASTS MAY BE REMOTE MOUNTED UP TO 6 IN. AWAY FROM LAMPS. 100% - 3% FULL RANGE CONTINUOUS DIMMING. SOME LIGHT MANUFACTURERS RECOMMEND BURNING IN NEW LAMPS 100 HOURS AT FULL LIGHT OUTPUT BEFORE DIMMING. CONSULT LIGHT MANUFACTURER.
MARK 10 – 120V ONLY. ONE AND TWO-LAMP BALLASTS MAY BE REMOTE MOUNTED UP TO 6 FT. AWAY FROM LAMPS. THREE LAMP BALLASTS MAY NOT BE REMOTE MOUNTED. 100% - 5% FULL RANGE CONTINUOUS DIMMING. SOME LIGHT MANUFACTURERS RECOMMEND BURNING IN NEW LAMPS 100 HOURS AT FULL LIGHT OUTPUT BEFORE DIMMING. CONSULT LIGHT MANUFACTURER.

FOR **EM** (EMERGENCY BALLAST) OPTION: STANDARD LUMEN OUTPUT IS 700. CALL FACTORY FOR REQUEST OF A HIGHER LUMEN OUTPUT. *IF EMERGENCY OPTION IS USED WITH DIMMING, THE BALLAST MUST BE LOCATED HALF THE DISTANCE OF THE DIMMING REQUIREMENTS.

LOUVERED STEP STAR (MR16 LAMP - CORE DRILL) IP65 RATED

DATE: PROJECT: TYPE:

CATALOG NUMBER LOGIC:



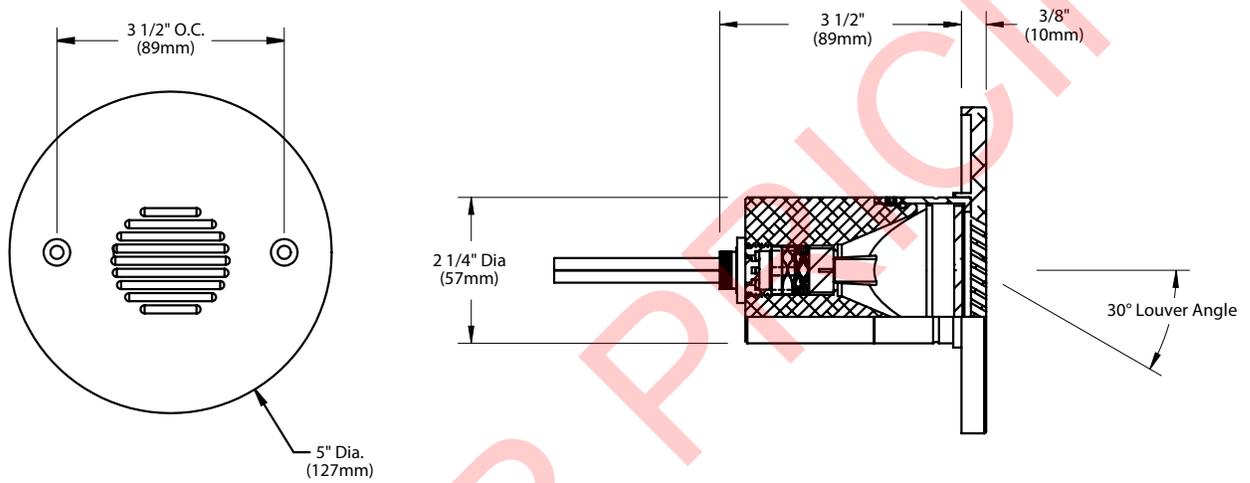
*Lamp details available on the next page.

CATALOG NUMBER LOGIC
Example: B - CD - SSL - MR - 359 - BLW - C
MATERIAL
(Blank) - Aluminum B - Brass S - Stainless Steel
INSTALLATION
CD - Core Drill
SERIES
SSL - Louvered Step Star
SOURCE
MR - MR16 Lamp
LAMP TYPE
0 - MR16 HALOGEN LAMP (Furnished by others)
MR16 LED (This choice requires lamp number selection)*
FINISH (See page 2 for full-color swatches)
Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)
Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRI, CRM, HUG, MDS, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)
Also available in RAL Finishes
Brass Finishes (MAC, POL, MIT)
Stainless Steel Finishes (MAC, POL)
LOUVER
C - 30° Angle, Round Pattern

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.

LOUVERED STEP STAR (MR16 LAMP - CORE DRILL) IP65 RATED

DATE: _____ PROJECT: _____ TYPE: _____

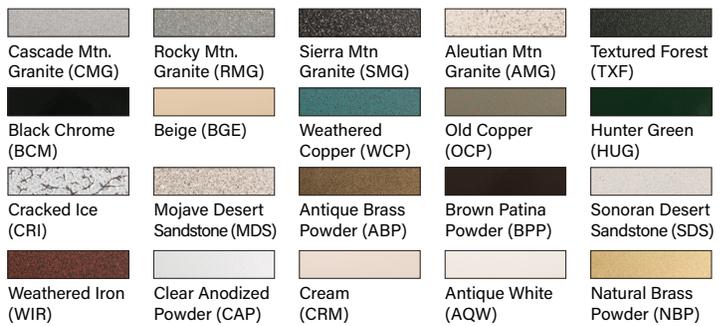


STANDARD FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

PREMIUM FINISHES



B-K LIGHTING **MADE IN THE USA** 559.438.5800 | INFO@BKLIGHTING.COM | BKLIGHTING.COM

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By SORAA™

MR16 LED LAMP

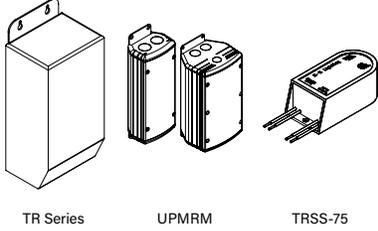


<p>B-K Lamp # 359 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 2700K Beam: 10° Spot</p>	<p>Mfg. #: MR16- SM16-07-10D-827-H1 Wattage: 7.5W Lamp Efficacy: 77 (Lm/W) Rated Life: 35,000 hrs</p>	<p>CBCP (cd): 8000 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 575</p> <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>0.5'</td><td>634</td></tr> <tr><td>6'</td><td>1.0'</td><td>160</td></tr> <tr><td>9'</td><td>1.6'</td><td>69</td></tr> <tr><td>12'</td><td>2.1'</td><td>40</td></tr> <tr><td>15'</td><td>2.6'</td><td>23</td></tr> </tbody> </table>	Distance feet	Beam Dia. (50% CBCP)	Footcandles	3'	0.5'	634	6'	1.0'	160	9'	1.6'	69	12'	2.1'	40	15'	2.6'	23
Distance feet	Beam Dia. (50% CBCP)	Footcandles																		
3'	0.5'	634																		
6'	1.0'	160																		
9'	1.6'	69																		
12'	2.1'	40																		
15'	2.6'	23																		
<p>B-K Lamp # 361 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 2700K Beam: 25° Narrow Flood</p>	<p>Mfg. #: MR16- SM16-07-25D-827-H1 Wattage: 7.5W Lamp Efficacy: 80 (Lm/W) Rated Life: 35,000 hrs</p>	<p>CBCP (cd): 3170 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 600</p> <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>1.3'</td><td>251</td></tr> <tr><td>6'</td><td>2.7'</td><td>63</td></tr> <tr><td>9'</td><td>4.0'</td><td>27</td></tr> <tr><td>12'</td><td>5.3'</td><td>16</td></tr> <tr><td>15'</td><td>6.7'</td><td>9</td></tr> </tbody> </table>	Distance feet	Beam Dia. (50% CBCP)	Footcandles	3'	1.3'	251	6'	2.7'	63	9'	4.0'	27	12'	5.3'	16	15'	6.7'	9
Distance feet	Beam Dia. (50% CBCP)	Footcandles																		
3'	1.3'	251																		
6'	2.7'	63																		
9'	4.0'	27																		
12'	5.3'	16																		
15'	6.7'	9																		
<p>B-K Lamp # 362 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 2700K Beam: 36° Flood</p>	<p>Mfg. #: MR16- SM16-07-36D-827-H1 Wattage: 7.5W Lamp Efficacy: 80 (Lm/W) Rated Life: 35,000 hrs</p>	<p>CBCP (cd): 1550 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 600</p> <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>1.9'</td><td>119</td></tr> <tr><td>6'</td><td>3.9'</td><td>30</td></tr> <tr><td>9'</td><td>5.8'</td><td>13</td></tr> <tr><td>12'</td><td>7.8'</td><td>7</td></tr> <tr><td>15'</td><td>9.7'</td><td>4</td></tr> </tbody> </table>	Distance feet	Beam Dia. (50% CBCP)	Footcandles	3'	1.9'	119	6'	3.9'	30	9'	5.8'	13	12'	7.8'	7	15'	9.7'	4
Distance feet	Beam Dia. (50% CBCP)	Footcandles																		
3'	1.9'	119																		
6'	3.9'	30																		
9'	5.8'	13																		
12'	7.8'	7																		
15'	9.7'	4																		
<p>B-K Lamp # 363 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 3000K Beam: 10° Spot</p>	<p>Mfg. #: MR16- SM16-07-10D-830-H1 Wattage: 7.5W Lamp Efficacy: 80 (Lm/W) Rated Life: 35,000 hrs</p>	<p>CBCP (cd): 8400 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 600</p> <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>0.5'</td><td>666</td></tr> <tr><td>6'</td><td>1.0'</td><td>168</td></tr> <tr><td>9'</td><td>1.6'</td><td>72</td></tr> <tr><td>12'</td><td>2.1'</td><td>42</td></tr> <tr><td>15'</td><td>2.6'</td><td>24</td></tr> </tbody> </table>	Distance feet	Beam Dia. (50% CBCP)	Footcandles	3'	0.5'	666	6'	1.0'	168	9'	1.6'	72	12'	2.1'	42	15'	2.6'	24
Distance feet	Beam Dia. (50% CBCP)	Footcandles																		
3'	0.5'	666																		
6'	1.0'	168																		
9'	1.6'	72																		
12'	2.1'	42																		
15'	2.6'	24																		
<p>B-K Lamp # 365 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 3000K Beam: 25° Narrow Flood</p>	<p>Mfg. #: MR16- SM16-07-25D-830-H1 Wattage: 7.5W Lamp Efficacy: 84 (Lm/W) Rated Life: 35,000 hrs</p>	<p>CBCP (cd): 3300 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 630</p> <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>1.3'</td><td>266</td></tr> <tr><td>6'</td><td>2.7'</td><td>67</td></tr> <tr><td>9'</td><td>4.0'</td><td>29</td></tr> <tr><td>12'</td><td>5.3'</td><td>17</td></tr> <tr><td>15'</td><td>6.7'</td><td>10</td></tr> </tbody> </table>	Distance feet	Beam Dia. (50% CBCP)	Footcandles	3'	1.3'	266	6'	2.7'	67	9'	4.0'	29	12'	5.3'	17	15'	6.7'	10
Distance feet	Beam Dia. (50% CBCP)	Footcandles																		
3'	1.3'	266																		
6'	2.7'	67																		
9'	4.0'	29																		
12'	5.3'	17																		
15'	6.7'	10																		
<p>B-K Lamp # 366 Base: GU5.3 Bi-Pin Input Voltage: 12V CCT: 3000K Beam: 36° Flood</p>	<p>Mfg. #: MR16- SM16-07-36D-830-H1 Wattage: 7.5W Lamp Efficacy: 84 (Lm/W) Rated Life: 35,000 hrs</p>	<p>CBCP (cd): 1650 CRI: >90 Power Factor: 0.92 Dimmable: Yes Lumens: 630</p> <table border="1"> <thead> <tr> <th>Distance feet</th> <th>Beam Dia. (50% CBCP)</th> <th>Footcandles</th> </tr> </thead> <tbody> <tr><td>3'</td><td>1.9'</td><td>125</td></tr> <tr><td>6'</td><td>3.9'</td><td>32</td></tr> <tr><td>9'</td><td>5.8'</td><td>14</td></tr> <tr><td>12'</td><td>7.8'</td><td>8</td></tr> <tr><td>15'</td><td>9.7'</td><td>5</td></tr> </tbody> </table>	Distance feet	Beam Dia. (50% CBCP)	Footcandles	3'	1.9'	125	6'	3.9'	32	9'	5.8'	14	12'	7.8'	8	15'	9.7'	5
Distance feet	Beam Dia. (50% CBCP)	Footcandles																		
3'	1.9'	125																		
6'	3.9'	32																		
9'	5.8'	14																		
12'	7.8'	8																		
15'	9.7'	5																		

LOUVERED STEP STAR (MR16 LAMP - CORE DRILL) IP65 RATED

DATE: PROJECT: TYPE:

Accessories (Configure separately)



SPECIFICATIONS

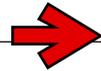
ELECTRICAL	WATTAGE	7.5W
	WIRING	Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard. Anti-Siphon Valve (ASV™) prevents "wicking" through conductor insulation.
	TRANSFORMER	For use with 12VAC remote transformer.
PHYSICAL	MATERIALS	Furnished in copper-free aluminum (6061-T6), brass (360) or stainless steel (304).
	CORE DRILL	Allows for mounting into existing structures that will not easily accept a standard box. Machined from solid, copper-free aluminum. Weather-tight cable connector with 5/0," 12Ga., 2 wire low voltage cable. 2-1/2" dia. hole required for slip fit.
	FACEPLATE	Machined from solid, copper-free aluminum. Also available in solid, machined brass and stainless steel. Countersunk holes provide for flush hardware mounting.
	LAMP	For use with bi-pin MR16 lamps. Not for use with IR technology lamps. Halogen sourced by others.
	INSTALLATION	For use with 50W maximum lamp when installed into non-combustible materials.
	LENS	Heat treated rectilinear lens provides wide lateral distribution and long forward throw.
	LOUVERS & AIMING	Louver pattern is machined into faceplate to prevent direct view to the lamp at 0.° 30° optical cutoff for mounting heights well below typical visual glare angles.
	SOCKET	Specification grade, ceramic body, miniature bi-pin quartz lamp holder. GU5.3 base. Nickel alloy contacts and heat resistant, spring loaded, stainless steel lamp retaining dips.
	FINISH	StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant. Powder coat or metal finish options available for brass material and metal finish option only for stainless steel material.
	WARRANTY	5-year limited warranty.
CERTIFICATION & LISTING	ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant. Suitable for indoor or outdoor use, in wet locations, and for installation in combustible materials (Type Non-IC) and within 4' of the ground. IP65 Rated. Made in the USA with sustainable processes.	

B-K LIGHTING | **MADE IN THE USA** | 559.438.5800 | INFO@BKLIGHTING.COM | BKLIGHTING.COM

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TR SERIES (MAGNETIC TRANSFORMER)

DATE: _____ PROJECT: _____ TYPE: _____
CATALOG NUMBER LOGIC: _____



LIGHTING SUPPLIER TO CONFIRM QUANTITY AND SIZE REQUIRED.



CATALOG NUMBER LOGIC

Example: TR150 - 120

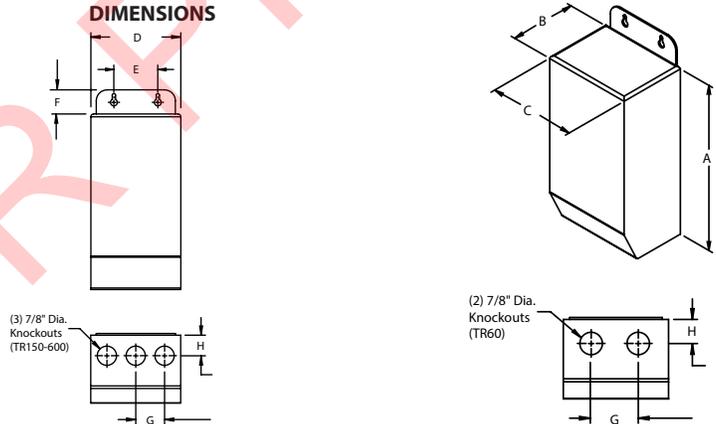
SERIES

- TR60 - 60W Magnetic Transformer
- TR150 - 150W Magnetic Transformer
- TR300 - 300W Magnetic Transformer
- TR600 - 600W Magnetic Transformer

INPUT VOLTAGE

- 120 - 120 Volt
- 277 - 277 Volt

DIMENSIONS



TRANSFORMER DATA

All dimensions indicated on this submittal are nominal. Contact Technical Sales if you require more stringent specifications.

Series	Input Voltage	Max. Load	Circuit Breaker	Weight	Height A	Depth B	C	D	E	F	G	H
TR60	120V	60W	8A	3.7 lbs.	7-1/2"	2-15/16"	3"	3-7/64"	1-1/2"	1-1/16"	1-1/2"	3/4"
TR150	120V	150W	25A	6 lbs.	8"	3-3/32"	4-3/32"	5-1/2"	2"	1-1/8"	1-5/16"	15/16"
TR300	120V	300W	25A	7.13 lbs.	8"	3-3/32"	4-3/32"	5-1/2"	2"	1-1/8"	1-5/16"	15/16"
TR600	120V	600W	25A	14.9 lbs.	9-13/32"	4-3/32"	4-19/32"	5-3/4"	2"	1-1/16"	1-1/2"	1-1/4"
TR60	277V	60W	8A	3.7 lbs.	7-1/2"	2-15/16"	3"	3-7/64"	1-1/2"	1-1/16"	1-1/2"	3/4"
TR150	277V	150W	25A	6 lbs.	8"	3-3/32"	4-3/32"	5-1/2"	4-1/8"	1-1/8"	1-5/16"	15/16"
TR300	277V	300W	25A	7.13 lbs.	8"	3-3/32"	4-3/32"	5-1/2"	4-1/8"	1-1/8"	1-5/16"	15/16"
TR600	277V	600W	25A	14.9 lbs.	9-13/32"	4-3/32"	4-19/32"	5-3/4"	4-5/8"	1-1/16"	1-1/2"	1-1/4"

B-K LIGHTING

MADE IN THE USA

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04/22/2020 SKU-667

TR SERIES (MAGNETIC TRANSFORMER)

DATE: _____ PROJECT: _____ TYPE: _____

Accessories (Configure separately)

SPECIFICATIONS

ELECTRICAL	TRANSFORMER	Fully encapsulated, Class B insulated, low voltage magnetic transformer. 120VAC or 277VAC input. 12VAC output (fully loaded). 0.6A (120VAC) or 0.3A (277VAC) maximum no load input current. Manual thermal reset. Secondary circuit breaker. Enclosure temperature <65° C when fully loaded (in 40° C ambient). For LED sourced products, do not exceed more than 80% of the maximum load of the transformer.
	OUTPUT WIRING	See B-K Lighting Low Voltage Design Guide on reverse.
PHYSICAL	HOUSING	Stainless steel, NEMA Outdoor 3R rated enclosure. [2] (TR60) or [3] (TR150-600) bottom entry 7/8" knockouts provide access to wiring compartment. Riveted, hinged cover opens vertically from bottom to top for service access.
	WARRANTY	Limited five year warranty.
	CERTIFICATION & LISTINGS	Nema Type 3R Enclosure. Suitable for indoor and outdoor use. UL Listed to ANSI/UL Standard 1012.



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LVG

LOW VOLTAGE GUIDE

Many B-K Lighting fixtures operate on 12 volts. Taking advantage of these energy-saving fixtures requires appropriate care in planning the electrical wiring system. To maintain expected lamp performance, we recommend the following procedures in sizing your low-voltage wiring system.

SIZING OF LOW VOLTAGE WIRING

1. Locate and plot fixtures on plan. Choose the lighting equipment necessary to create the desired lighting effects. Mark lamp wattage for each fixture location.
2. Identify potential transformer locations. The ideal locations are those which provide for the shortest possible low voltage distances (inconspicuous areas, behind rocks, shrubbery, etc., within the landscape). UPM™, Power Pipe™, Power Pipe II™, or, if available, electronic transformers integral in the fixture are good ways to hide the transformer and reduce voltage drop problems.
3. Add the total wattage for the proposed low voltage run. Measure the wire lengths from the transformer to the fixture locations. Find the distance to the "CENTER OF LOAD" of the low voltage run.

$$\text{CENTER OF LOAD} = \frac{\text{Distance from first to last fixture}}{(2) \text{ Two}} + \text{Distance from transformer to first fixture}$$

4. Using the B-K Lighting Wire Selection Table, select the wattage column which applies. Look down the column stopping at a distance, in feet, that is equal or greater than the "CENTER OF LOAD" distance. Look across to find the proper wire size for your layout.

Note: In the event of multiple runs from a given transformer, treat each run separately.

12-VOLT WIRE SELECTION TABLE

WIRE SIZE	TOTAL WATTAGE																
	12	20	24	35	40	50	60	70	80	100	105	120	140	150	160	200	250
12	178	106	89	60	53	42	35	30	26	21	20	17	15	13	—	—	—
10	283	169	141	96	85	67	56	48	42	33	32	28	24	22	19	17	13
8	450	269	225	154	135	107	90	77	67	54	51	45	38	36	31	27	21
6	715	428	357	245	214	171	143	122	107	85	81	71	61	57	49	42	34

CENTER OF LOAD WIRING DISTANCES IN FEET

The Wire Selection Table provided is based on a maximum allowable voltage drop of 5%. Electrical designs which allow greater than 5% voltage drop, reduce rated light output beyond acceptable levels.

The importance of the proper wire selection is demonstrated below. Both examples have the same total watts and identical overall lengths of wire run, yet require different wire sizes, or multiple wire runs, to operate within the 5% maximum voltage drop B-K Lighting criteria.

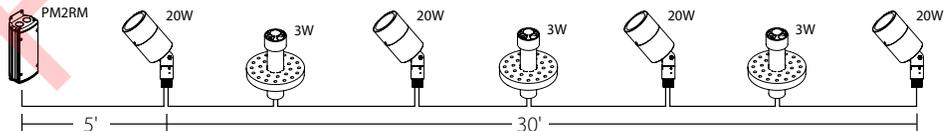
Note: Acceptable voltage range is 11.4 VAC minimum and 12.6 VAC maximum.

EXAMPLE:

Total wattage:
(20w x 4) + (3w x 3) = 89 watts

CENTER OF LOAD:
 $\frac{(30') + 5'}{2} = 20'$

SINGLE WIRE RUN:
12 gauge

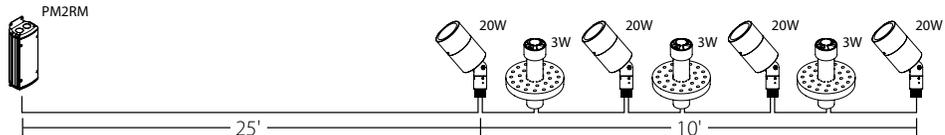


EXAMPLE

Total wattage:
(20w x 4) + (3w x 3) = 89 watts

CENTER OF LOAD:
 $\frac{(10') + 25'}{2} = 30'$

SINGLE WIRE RUN:
10 gauge



ELECTRONIC TRANSFORMERS

For areas which are far reaching from fixtures, running 120 volt power to each fixture location with individual electronic transformers, such as TRSS75 or TRSS150, provides an excellent economic solution to voltage drop. These transformers can also be specified in the UPM™, Power Pipe™, Power Pipe II™ and Power Canopy™ transformer housings.

MAGNETIC TRANSFORMERS

For LED sourced products, do not exceed more than 80% of the maximum load of the transformer.

Note: Installations should be in accordance with the National Electric Code and applicable local codes.

LOUVERED STEP STAR (MR16 LAMP - CORE DRILL) IP65 RATED

DATE: _____ PROJECT: _____ TYPE: _____

CATALOG NUMBER LOGIC:



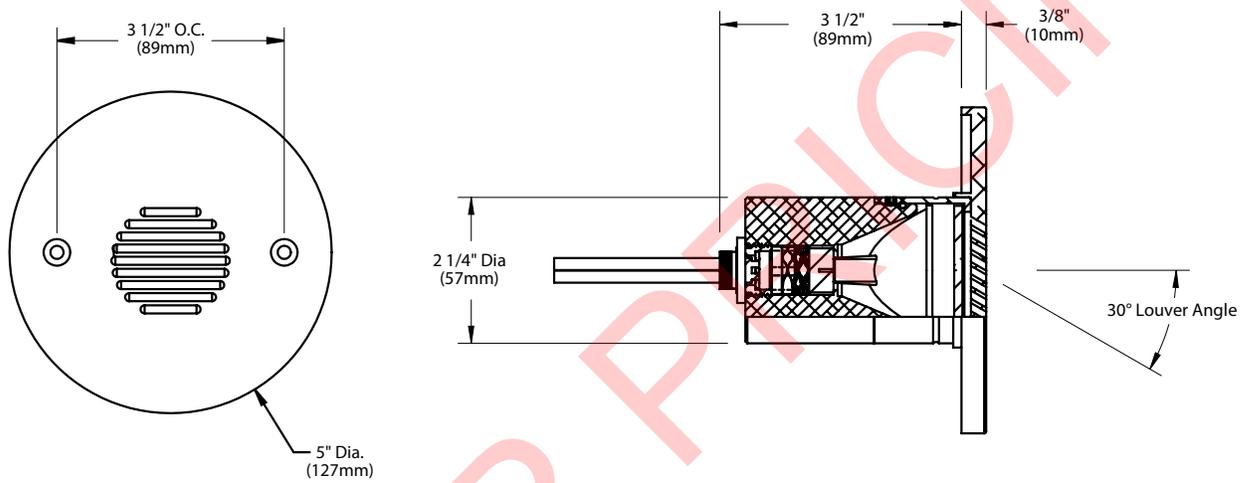
*Lamp details available on the next page.

CATALOG NUMBER LOGIC
Example: B - CD - SSL - MR - 359 - BLW - C
MATERIAL
(Blank) - Aluminum B - Brass S - Stainless Steel
INSTALLATION
CD - Core Drill
SERIES
SSL - Louvered Step Star
SOURCE
MR - MR16 Lamp
LAMP TYPE
0 - MR16 HALOGEN LAMP (Furnished by others)
MR16 LED (This choice requires lamp number selection)*
FINISH (See page 2 for full-color swatches)
Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)
Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRI, CRM, HUG, MDS, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)
Also available in RAL Finishes
Brass Finishes (MAC, POL, MIT)
Stainless Steel Finishes (MAC, POL)
LOUVER
C - 30° Angle, Round Pattern

LIGHTING SUPPLIER TO CONFIRM FINISH WITH DESIGN ARCHITECT PRIOR TO ORDERING.

LOUVERED STEP STAR (MR16 LAMP - CORE DRILL) IP65 RATED

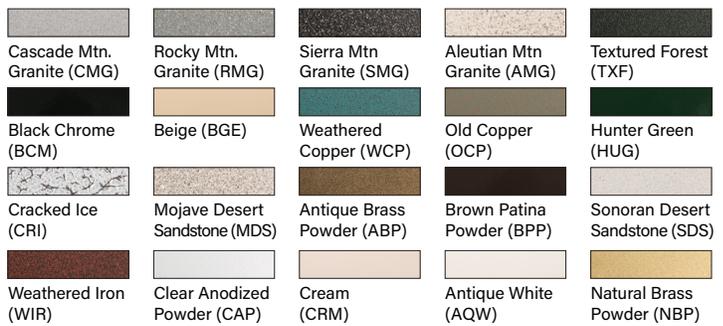
DATE: _____ PROJECT: _____ TYPE: _____



STANDARD FINISHES



PREMIUM FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

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By SORAA™

MR16 LED LAMP

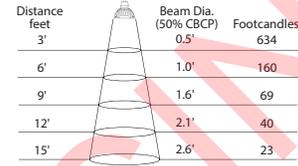


B-K Lamp # 359

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 10° Spot

Mfg. #: MR16-
SM16-07-10D-827-H1
Wattage: 7.5W
Lamp Efficacy: 77 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 8000
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 575

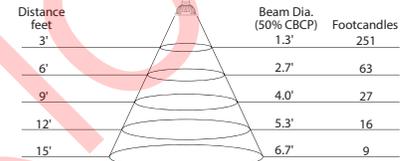


B-K Lamp # 361

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 25° Narrow Flood

Mfg. #: MR16-
SM16-07-25D-827-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 3170
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

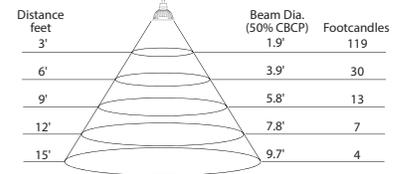


B-K Lamp # 362

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 2700K
Beam: 36° Flood

Mfg. #: MR16-
SM16-07-36D-827-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 1550
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

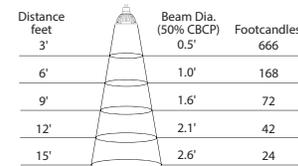


B-K Lamp # 363

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 10° Spot

Mfg. #: MR16-
SM16-07-10D-830-H1
Wattage: 7.5W
Lamp Efficacy: 80 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 8400
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 600

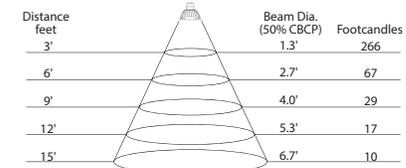


B-K Lamp # 365

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 25° Narrow Flood

Mfg. #: MR16-
SM16-07-25D-830-H1
Wattage: 7.5W
Lamp Efficacy: 84 (Lm/W)
Rated Life: 35,000 hrs

CBCP (cd): 3300
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 630

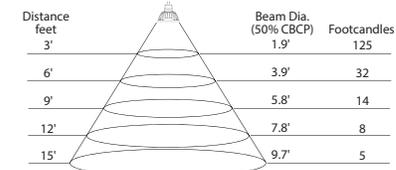


B-K Lamp # 366

Base: GU5.3 Bi-Pin
Input Voltage: 12V
CCT: 3000K
Beam: 36° Flood

Mfg. #: MR16-
SM16-07-36D-830-H1
Wattage: 7.5W
Lamp Efficacy: 84 (Lm/W)
Rated Life: 35,000 hrs

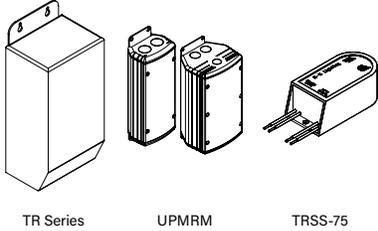
CBCP (cd): 1650
CRI: >90
Power Factor: 0.92
Dimmable: Yes
Lumens: 630



LOUVERED STEP STAR (MR16 LAMP - CORE DRILL) IP65 RATED

DATE: _____ PROJECT: _____ TYPE: _____

Accessories (Configure separately)



SPECIFICATIONS

ELECTRICAL	WATTAGE	7.5W
	WIRING	Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard. Anti-Siphon Valve (ASV™) prevents “wicking” through conductor insulation.
	TRANSFORMER	For use with 12VAC remote transformer.
PHYSICAL	MATERIALS	Furnished in copper-free aluminum (6061-T6), brass (360) or stainless steel (304).
	CORE DRILL	Allows for mounting into existing structures that will not easily accept a standard box. Machined from solid, copper-free aluminum. Weather-tight cable connector with 5/0, 12Ga., 2 wire low voltage cable. 2-1/2" dia. hole required for slip fit.
	FACEPLATE	Machined from solid, copper-free aluminum. Also available in solid, machined brass and stainless steel. Countersunk holes provide for flush hardware mounting.
	LAMP	For use with bi-pin MR16 lamps. Not for use with IR technology lamps. Halogen sourced by others.
	INSTALLATION	For use with 50W maximum lamp when installed into non-combustible materials.
	LENS	Heat treated rectilinear lens provides wide lateral distribution and long forward throw.
	LOUVERS & AIMING	Louver pattern is machined into faceplate to prevent direct view to the lamp at 0.° 30° optical cutoff for mounting heights well below typical visual glare angles.
	SOCKET	Specification grade, ceramic body, miniature bi-pin quartz lamp holder. GU5.3 base. Nickel alloy contacts and heat resistant, spring loaded, stainless steel lamp retaining dips.
	FINISH	StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant. Powder coat or metal finish options available for brass material and metal finish option only for stainless steel material.
	WARRANTY	5-year limited warranty.
CERTIFICATION & LISTING	ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant. Suitable for indoor or outdoor use, in wet locations, and for installation in combustible materials (Type Non-IC) and within 4' of the ground. IP65 Rated. Made in the USA with sustainable processes.	

B-K LIGHTING | **MADE IN THE USA** | 559.438.5800 | INFO@BKLIGHTING.COM | BKLIGHTING.COM

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LVG

LOW VOLTAGE GUIDE

Many B-K Lighting fixtures operate on 12 volts. Taking advantage of these energy-saving fixtures requires appropriate care in planning the electrical wiring system. To maintain expected lamp performance, we recommend the following procedures in sizing your low-voltage wiring system.

SIZING OF LOW VOLTAGE WIRING

1. Locate and plot fixtures on plan. Choose the lighting equipment necessary to create the desired lighting effects. Mark lamp wattage for each fixture location.
2. Identify potential transformer locations. The ideal locations are those which provide for the shortest possible low voltage distances (inconspicuous areas, behind rocks, shrubbery, etc., within the landscape). UPM™, Power Pipe™, Power Pipe II™, or, if available, electronic transformers integral in the fixture are good ways to hide the transformer and reduce voltage drop problems.
3. Add the total wattage for the proposed low voltage run. Measure the wire lengths from the transformer to the fixture locations. Find the distance to the "CENTER OF LOAD" of the low voltage run.

$$\text{CENTER OF LOAD} = \frac{\text{Distance from first to last fixture}}{(2) \text{ Two}} + \text{Distance from transformer to first fixture}$$

4. Using the B-K Lighting Wire Selection Table, select the wattage column which applies. Look down the column stopping at a distance, in feet, that is equal or greater than the "CENTER OF LOAD" distance. Look across to find the proper wire size for your layout.

Note: In the event of multiple runs from a given transformer, treat each run separately.

12-VOLT WIRE SELECTION TABLE

WIRE SIZE	TOTAL WATTAGE																
	12	20	24	35	40	50	60	70	80	100	105	120	140	150	160	200	250
12	178	106	89	60	53	42	35	30	26	21	20	17	15	13	—	—	—
10	283	169	141	96	85	67	56	48	42	33	32	28	24	22	19	17	13
8	450	269	225	154	135	107	90	77	67	54	51	45	38	36	31	27	21
6	715	428	357	245	214	171	143	122	107	85	81	71	61	57	49	42	34

CENTER OF LOAD WIRING DISTANCES IN FEET

The Wire Selection Table provided is based on a maximum allowable voltage drop of 5%. Electrical designs which allow greater than 5% voltage drop, reduce rated light output beyond acceptable levels.

The importance of the proper wire selection is demonstrated below. Both examples have the same total watts and identical overall lengths of wire run, yet require different wire sizes, or multiple wire runs, to operate within the 5% maximum voltage drop B-K Lighting criteria.

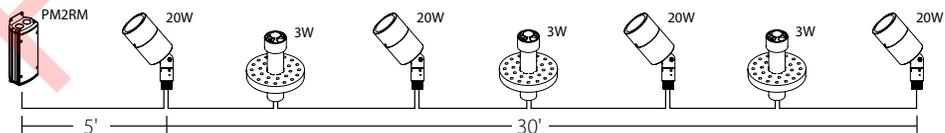
Note: Acceptable voltage range is 11.4 VAC minimum and 12.6 VAC maximum.

EXAMPLE:

Total wattage:
(20w x 4) + (3w x 3) = 89 watts

CENTER OF LOAD:
 $\frac{(30') + 5'}{2} = 20'$

SINGLE WIRE RUN:
12 gauge

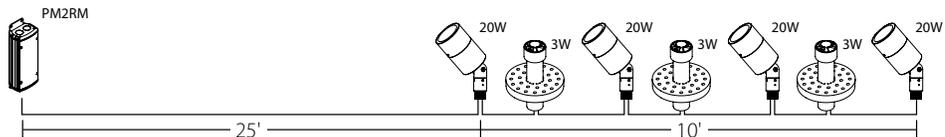


EXAMPLE

Total wattage:
(20w x 4) + (3w x 3) = 89 watts

CENTER OF LOAD:
 $\frac{(10') + 25'}{2} = 30'$

SINGLE WIRE RUN:
10 gauge



ELECTRONIC TRANSFORMERS

For areas which are far reaching from fixtures, running 120 volt power to each fixture location with individual electronic transformers, such as TRSS75 or TRSS150, provides an excellent economic solution to voltage drop. These transformers can also be specified in the UPM™, Power Pipe™, Power Pipe II™ and Power Canopy™ transformer housings.

MAGNETIC TRANSFORMERS

For LED sourced products, do not exceed more than 80% of the maximum load of the transformer.

Note: Installations should be in accordance with the National Electric Code and applicable local codes.

E3-M

The E3-M is a small marker fixture with a minimal 2.19" (56mm) footprint. Fixture can be used in masonry or wood applications.

Construction Solid brass trim with brass cylindrical lamp compartment. PVC outer housing with brass splice box.

Lens Frosted, cylindrical, borosilicate glass helps to diffuse light evenly. Tempered soda lime glass seals lamp compartment below.

Voltage 12 Volts AC. Remote transformer required.

Mounting Ground or wall-mount installation, in wood or masonry, for indoor or outdoor applications. No mounting accessory is needed for core drill applications. Optional Deck Mount accessory allows for adaptation to wood deck of varying thicknesses. Optional brass Conduit Fitting features two side and one bottom 1/2" NPT threaded holes for remote splicing and/or applications with limited depth. Concrete Form Kit secures the fixture Housing vertically or horizontally in a form for installation in new concrete. Trim and lamp compartment are friction-fit into sleeve using o-rings, eliminating the need for visible fasteners.

Lamps Triac dimmable: MLV >6% typ., ELV >16% typ.

Cree XPE2 LED module
TURTLE FRIENDLY — **2W-A-SP** 2 Watt AMBER spot (1500K)

Cree XPG2 LED module
Warm White (3000K)* — **3W-SP** 3 Watt spot

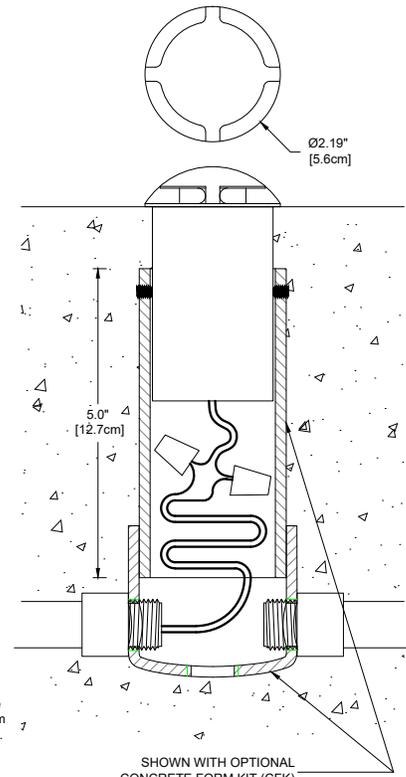
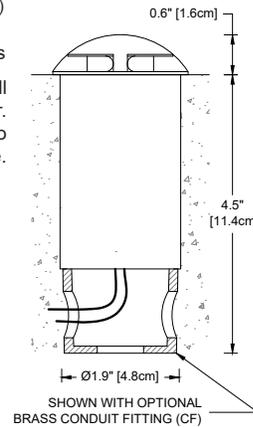
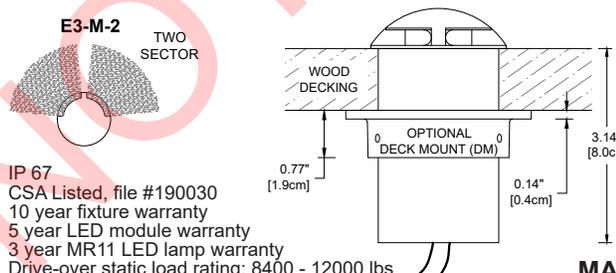
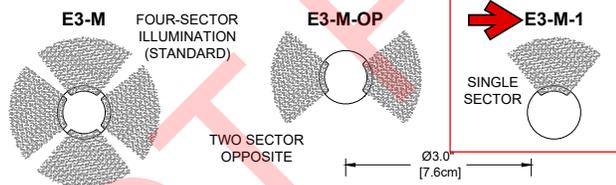
* Also available in 2700K. Add color suffix to lamp specification, e.g. "3W-NFL-2700K"

Triac dimmable >25%
MR11 LED Cree chipset
TURTLE FRIENDLY — **2W-A-MR11-SP** 2 Watt AMBER spot (1500K)

MR11 LED Cree chipset
Warm White (3000K) — **2W-MR11-SP** 2 Watt spot

Mounting Accessories (None needed for Core Drill Applications)
— **CF** Conduit Fitting (Limited Depth/Remote Splice)
— **CFK** Concrete Form Kit
— **DM** Deck Mount adapter ring for wooden decks

Finish: Unfinished is standard; no specification required. The fixture will weather to a natural patina. The patina process is natural with brass and copper. Rate of patina and eventual color is dependent upon climate and proximity to the ocean. Thus, Beachside does not guarantee any specific appearance.



IP 67
CSA Listed, file #190030
10 year fixture warranty
5 year LED module warranty
3 year MR11 LED lamp warranty
Drive-over static load rating: 8400 - 12000 lbs

MADE IN USA

Project	By	Date
For ordering purposes, please specify (example: E3-M-2-2W-MR11-SP-DM)		
E3-M- Fixture	Lamp / Beam	Accessory

GARDEN LIGHT SERIES

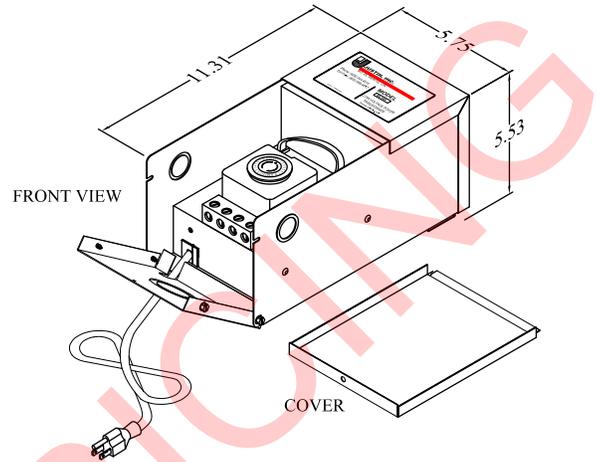
DESIGNED FOR ALL LED'S AND INCANDESCENT LAMP TYPES

GL - GARDEN LIGHT

A landscape lighting transformer with two voltage outputs. 12 and 15 volt taps are provided in 100 and 200 watt sizes. The 15V tap is provided to help reduce voltage drop and increase lamp brilliance.

The stainless steel enclosure is rain-tight indoor/outdoor with removable cover. The cover provides access to plug and go accessories and all wiring. Both units include side wiring access through two 1/2" and 3/4" double knockouts, and one 1-1/4" and 1-1/2" double EKO on a swing down bottom, with an attached 6' line cord.

Features include provision for a plug-in mechanical timer, plug-in electronic remote photocell and field installed photocell option.



Model: GLXXX (With Timer)

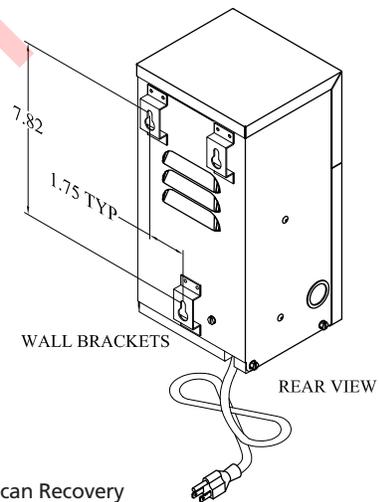
ALL STAINLESS STEEL ENCLOSURE

MODEL NUMBER	DIMENSIONS
GL100 - GL200	11.31"H x 5.75"W x 5.53"D

FEATURES

GL Transformer

- 100 and 200 Watt Single Circuit output.
- NEMA style rain-tight keyhole mount enclosure, type 304 stainless steel construction.
- Wiring compartment with input and output terminals
- Complete wiring instructions
- Timer, 24-hour removable
- Field installed or remote photocell option
- X-10 remote control compatible
- 6' outdoor line cord
- Low voltage circuit breaker.
- UL listed using Standard for Safety UL1838. cUL approved for Canada
- Limited lifetime warranty
- Made in USA. Full compliance with the Buy American provision of the American Recovery and Reinvestment Act of 2009 (ARRA)



SPECIFICATIONS AND ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
WITHOUT TIMER	
GL100	12 and 15 Volt, 100 Watt, Single Circuit
GL200	12 and 15 Volt, 200 Watt, Single Circuit
ACCESSORIES	
T1708	Plug-in Timer, 120V
K4221	Field Installed Photocell, 120V
PCK1000	Plug-In Photocell Kit, 120V
PCM12	Remote Photocell Module with 20' Cord, 120V

LIGHTING SUPPLIER TO CONFIRM QUANTITY AND SIZE REQUIRED.



ELECTRONIC PRODUCTS DIVISION
2863 No. Lee Avenue
South El Monte, CA 91733
626 444-4516 • Fax 626 444-9462
www.justininc.com

Channel Schedule

Issue Date: 2021-02-26
 Printed: 2021-02-25 17:51
 DRB Submission

F:\Quarterdeck\Quarterdeck CHANNEL SCHEDULE.xlam\Channel Schedule



Quarterdeck
 Hilton Head, SC

FIXTURE LOCATION	SHEET NUM.	CHAN. NUM.	CIRC. NUM.	CONTROL UNIT	CHANNEL DESCRIPTION	FKT. QTY.	FKT. TYPE	FIXTURE DESCRIPTION	INPUT VOLTAGE	LAMP SPEC	FIXT. WATS	TOTAL LINE ITEM WATS	TOTAL CRK WATS	MIN SWITCH LEGS	PWR CTRL METHOD	DATA RECD	DATA QTY	DNK UNV.	PWR EQUIP.	NOTES
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EXTERIOR TIMELOCK SYSTEM: EXTERIOR LIGHTING TO BE SWITCHED ON/OFF AND CONTROLLED VIA ASTRONOMIC TIMELOCK. CONTROL SYSTEM SUPPLIER IS RESPONSIBLE FOR COORDINATING REQUIRED EQUIPMENT TO PROVIDE A FULLY FUNCTIONING SYSTEM.
 CONFIRM LOCATION OF COMPONENTS WITH ARCHITECT AND ELECTRICAL ENGINEER.

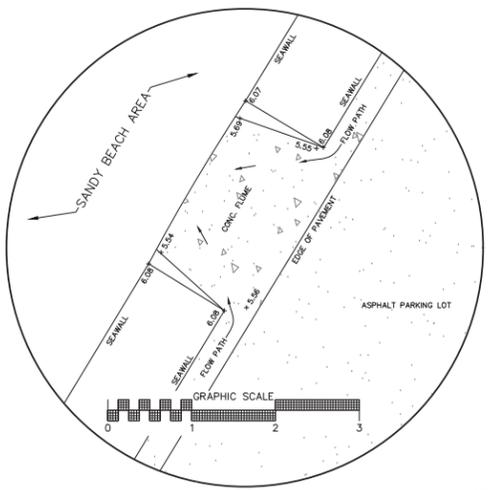
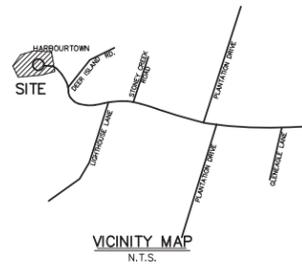
BREAKER PANELS: LIGHTING ZONES TO BE CONNECTED TO BREAKER PANELS AS SPECIFIED BY ELECTRICAL ENGINEER.

ABBREVIATIONS: FWD / REV = FORWARD / REVERSE PHASE DIMMING; R/ND = RELAY / NON-DIM; R/ND+Data = RELAY / NON-DIM WITH DATA RUN REQUIRED FOR CONTROL; P/S = REMOTE POWER SUPPLY;

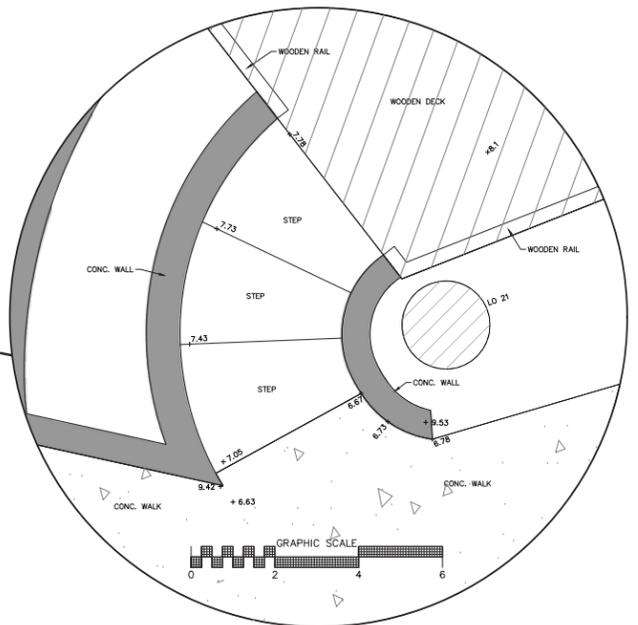
LD = LOCAL DIMMER; LD-3 = 3-WAY LOCAL DIMMER; LS = LOCAL SWITCH; OCC = OCCUPANCY SENSOR; DOOR = DOOR SWITCH; BRKR = CIRCUIT BREAKER

LANDSCAPE

PATH	LD100	101	101A		STEREOLIGHTS @ SHELL PATH	25	VR	EXTERIOR RECESSED STERILIGHT WITH SHIELDED LAMP	12VAC	27K LED	7.5 W	187.5 W		-	P/S	-	-		BRKR			
PATH	LD100	101A	101A		STEREOLIGHTS @ SHELL PATH	3	VR-X	REMOTE POWER SUPPLY	120v	-	-	-	187.5 W	1	FWD	-	-		BRKR			
PATH	LD100	102	102A		SIGNAGE ACCENTS	6	VH	EXTERIOR TREE MOUNTED ADJUSTABLE ACCENT WITH ACCESSORIES	12VAC	27K LED	7.5 W	45.0 W		-	P/S	-	-		BRKR			
PATH	LD100	102A	102A		SIGNAGE ACCENTS	4	VH-X	REMOTE POWER SUPPLY	120v	-	-	-	45.0 W	1	FWD	-	-		BRKR			
PATH	LD100	103	103A		STEREOLIGHTS @ STAIRS	17	VS	EXTERIOR RECESSED STERILIGHT	12VAC	27K LED	3.0 W	51.0 W		-	P/S	-	-		BRKR			
PATH	LD100	103A	103A		STEREOLIGHTS @ STAIRS	3	VS-X	REMOTE POWER SUPPLY	120v	-	-	-	51.0 W	1	FWD	-	-		BRKR			
UNUSED CHANNELS 104-111																						
TREES	LD100	112	112A		OAK TREE UPLIGHTS	13	VJ	EXTERIOR STAKE MOUNTED ADJUSTABLE ACCENT WITH ACCESSORIES	120v	30K LED	15.0 W	195.0 W		1	FWD	-	-		BRKR			
TREES	LD100	113	113A		PALM TREE UPLIGHTS	32	VK	EXTERIOR STAKE MOUNTED ADJUSTABLE ACCENT WITH ACCESSORIES	120v	30K LED	15.0 W	480.0 W		1	FWD	-	-		BRKR			
UNUSED CHANNELS 114-120																						
BOARDWALK	LD100	121	121A		BOARDWALK POLES	10	VP	EXTERIOR POLE MOUNTED FLOOD LIGHT WITH SHIELDED LAMP	120v	27K LED	25.0 W	250.0 W		1	FWD	-	-		BRKR			
BOARDWALK	LD100	122	122A		STRING LIGHTS @ BOARDWALK	195 FT	VL	EXTERIOR STRING LIGHT WITH SHIELDED LAMP	120v	VINTAG E LED	6.9 W	1,345.5 W		1	FWD	-	-		BRKR			
UNUSED CHANNELS 123																						
BOARDWALK	LD100	124	124A		STEREOLIGHTS @ ADA PATH	32	VS	EXTERIOR RECESSED STERILIGHT	12VAC	27K LED	3.0 W	96.0 W		-	P/S	-	-		BRKR			
BOARDWALK	LD100	124A	124A		STEREOLIGHTS @ ADA PATH	2	VS-X	REMOTE POWER SUPPLY	120v	-	-	-	96.0 W	1	FWD	-	-		BRKR			
BOARDWALK	LD100	124	125A		BOLLARDS @ OAK TREE STAIRS	4	VB	EXTERIOR RECESSED STERILIGHT WITH SHIELDED LAMP	12VAC	27K LED	7.5 W	30.0 W		-	P/S	-	-		BRKR			
BOARDWALK	LD100	125A	125A		BOLLARDS @ OAK TREE STAIRS	1	VB-X	REMOTE POWER SUPPLY	120v	-	-	-	30.0 W	1	FWD	-	-		BRKR			
UNUSED CHANNELS 126-130																						
GANGWAY	LD100	131	131A		HANDRAIL LIGHTING	60 FT	VG	EXTERIOR LINEAR LED LIGHT STRIP	24VDC	27K LED	1.4 W	84.0 W		-	P/S	-	-		BRKR			
GANGWAY	LD100	131A	131A		HANDRAIL LIGHTING	2	VG-X	REMOTE POWER SUPPLY	120v	-	-	-	84.0 W	1	FWD	-	-		BRKR			
UNUSED CHANNELS 132-140																						
LIGHTHOUSE	LD100	141	141A		LIGHTHOUSE UPLIGHTS	8	VC	EXTERIOR LINEAR LED LIGHT	120v	27K LED	12.0 W	96.0 W		1	REV	-	-		BRKR			
LIGHTHOUSE	LD100	142	142A		LIGHTHOUSE DOWNLIGHTS	8	VD	EXTERIOR LINEAR LED LIGHT STRIP	120v	27K LED	4.0 W	32.0 W		1	REV	-	-		BRKR			
UNUSED CHANNELS 143-160																						
HARBOUR MASTER	LD100	151	151A		SCONCES	4	LT-X1	DECORATIVE SCONCE	120v	TBD	60.0 W	240.0 W		1	FWD	-	-		BRKR			
HARBOUR MASTER	LD100	152	152A		FLAG UPLIGHTS	1	VF	EXTERIOR SURFACE MOUNTED UPLIGHT WITH ACCESSORIES	120v	30K LED	16.0 W	16.0 W		1	FWD	-	-		BRKR			
HARBOUR MASTER	LD100	153	153A		GFCI/RECEPTACLE @ STAGE	1	GFCI	EXTERIOR RATED PROTECTED RECEPTACLE	120v	-	0.0 W	0.0 W		1	TBD	-	-		BRKR			
UNUSED CHANNELS 154-160																						
PARKING LOT & DROPOFF	LD100	161	161A		BOLLARDS	17	VQ	EXTERIOR RECESSED STERILIGHT WITH SHIELDED LAMP	12VAC	27K LED	7.5 W	127.5 W		-	P/S	-	-		BRKR			
PARKING LOT & DROPOFF	LD100	161A	161A		BOLLARDS	3	VQ-X	REMOTE POWER SUPPLY	120v	-	-	-	127.5 W	1	FWD	-	-		BRKR			
UNUSED CHANNELS 162-299																						
LANDSCAPE TOTALS												TOTAL AREA/WATTAGE		3,276 W								



FLUME DETAIL
SCALE: 1" = 1'



STEP DETAIL
SCALE: 1" = 2'

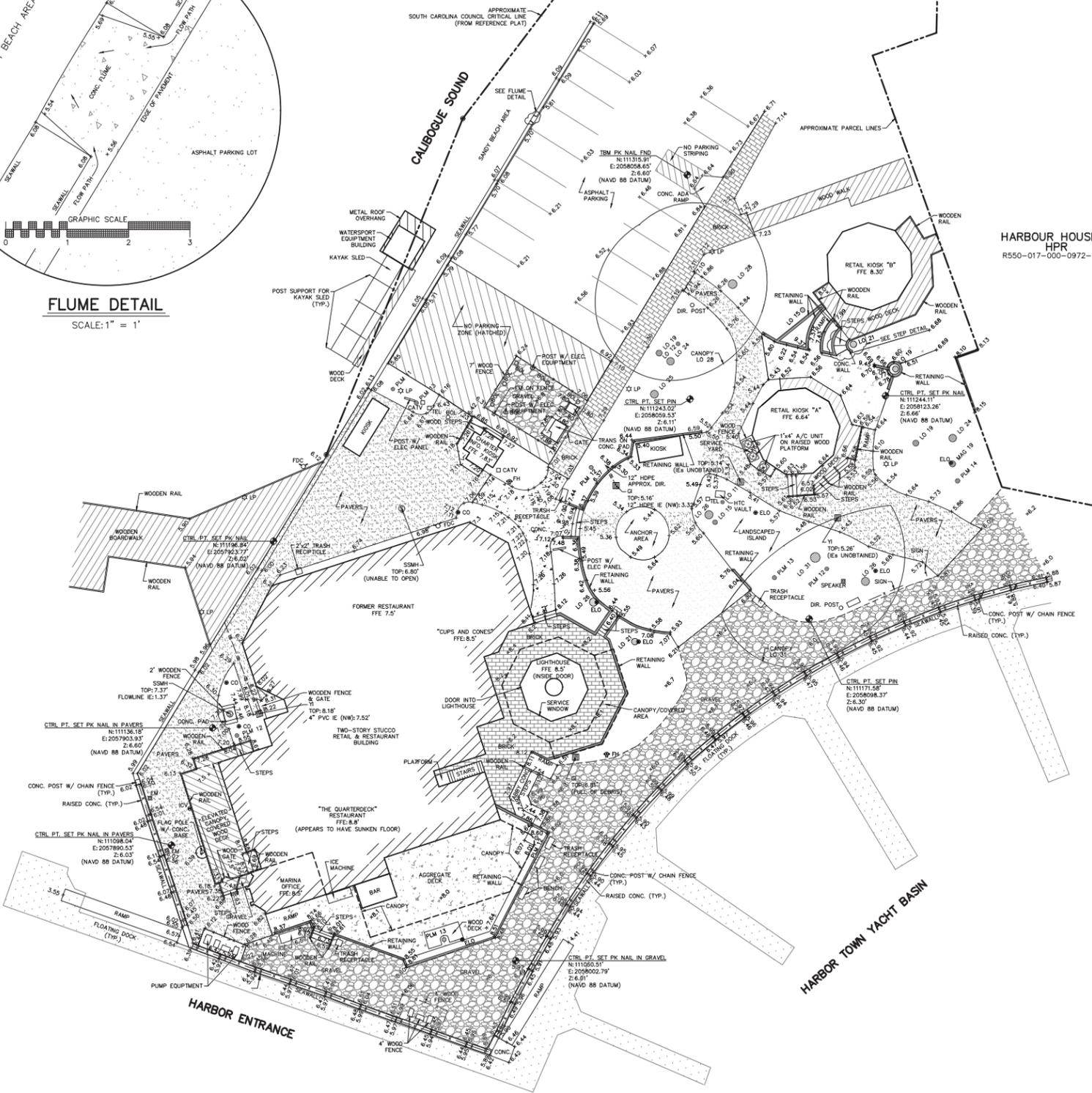
LEGEND:

TREE SIZES ARE INCHES IN DIAMETER

⊕	SPOT ELEVATION
⊕	CONTROL & BENCHMARK POINTS
TBM	TEMPORARY BENCHMARK
CTRL. PT.	CONTROL POINT
Z: 6.00'	ELEVATION OF POINT
N: 111000.00'	NORTHING OF POINT
E: 2057000.00'	EASTING OF POINT
CONC. O.	CONCRETE MONUMENT, OLD (FOUND)
I.O.	IRON PIPE, OLD (FOUND)
I.N.	IRON REBAR, NEW (SET)
LO	LIVE OAK
MAG	MAGNOLIA
PLM	PALMETTO
AC	ACRE
AC	AIR CONDITIONER
CATV	CABLE TELEVISION JUNCTION BOX
CO	CLEANOUT
EM	ELECTRIC METER
FFE	FINISHED FLOOR ELEVATION
FDC	FIRE DEPARTMENT CONNECTION
FH	FIRE HYDRANT
GI	GRATE INLET
YI	YARD INLET
IE	INVERT ELEVATION
ICV	IRRIGATION CONTROL VALVE
LP	LAMP POST
NTS	NOT TO SCALE
N/F	NOW OR FORMERLY
PB	POWER JUNCTION BOX
SMH	SANITARY SEWER MANHOLE
SN	SIGN
SDMH	STORM DRAIN MANHOLE
TEL	TELEPHONE JUNCTION BOX
TRNF	ELECTRIC TRANSFORMER
WM	WATER METER
WV	WATER VALVE
HDPE	HIGH DENSITY POLYETHYLENE
PVC	POLYVINYL CHLORIDE
---	FENCE LINE
---	SANITARY SEWER LINE
---	STORM DRAIN LINE

- REFERENCE PLATS:**
- 1) AN ASBLT. BOUNDARY, TREE & TOPOGRAPHIC SURVEY OF LIGHTHOUSE ROAD CORRIDOR FROM HARBOURTOWN TO LIGHTHOUSE LANE, A SECTION OF SEA PINES PLANTATION, DATED: 04/17/2019, LAST REVISED: 08/23/2019, BY: TERRY G. HATCHELL, S.C.R.L.S. NO. 11059, SURVEYING CONSULTANTS.
 - 2) ALTA/ACSM LAND TITLE SURVEY OF MARINA PARCEL, HARBOR HOUSE A, TRAFFIC ISLAND PARCEL, PARCELS 7A, 7B, 15, 28 & OTHER IMPROVEMENTS OF A SECTION OF HARBOR TOWN, SEA PINES PLANTATION DATED: 7/22/2019 BY TERRY G. HATCHELL S.C.R.L.S. NO.11059, SURVEYING CONSULTANTS.
 - 3) COMPOSITE PLAT OF HARBOR TOWN, SEA PINES PLANTATION, DATED: JULY, 1974, LAST REVISED: JANUARY, 1976, BY: JERRY L. RICHARDSON, S.C.R.L.S. NO. 4784, RECORDED: P.B. 24, PG. 115.

- NOTES**
- 1) I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN; ALSO THERE ARE NO OBVIOUS, APPARENT OR VISIBLE ENCROACHMENTS OR PROJECTIONS OTHER THAN SHOWN.
 - 2) THE HORIZONTAL DATUM IS BASED ON SOUTH CAROLINA STATE PLANE; COORDINATES FROM GPS STATIC OBSERVATION AND NGS-DIUS PROCESSING. THE VERTICAL DATUM IS BASED ON NAVD 88 DATUM.
 - 3) UNDERGROUND UTILITIES NOT LOCATED EXCEPT AS SHOWN. THE UNDERGROUND STORM DRAIN LINES ARE SHOWN TO THE BEST OF ABILITY BASED ON FIELD OBSERVATIONS. SURVEYING CONSULTANTS DOES NOT CERTIFY TO THE EXACT LOCATION OF ANY UNDERGROUND UTILITY LINE.
 - 4) SURVEYING CONSULTANTS CERTIFIES TO THE ASBLT AND TOPOGRAPHIC INFORMATION PROVIDED HEREON AS OF THE DATE OF SURVEY. THIS DOCUMENT IS PROVIDED AS A BASE MAP FOR OTHERS. INFORMATION ADDED AFTER THE DATE OF SURVEY IS NOT THE RESPONSIBILITY OF SURVEYING CONSULTANTS.
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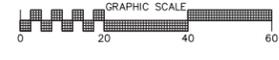


HARBOR HOUSE A
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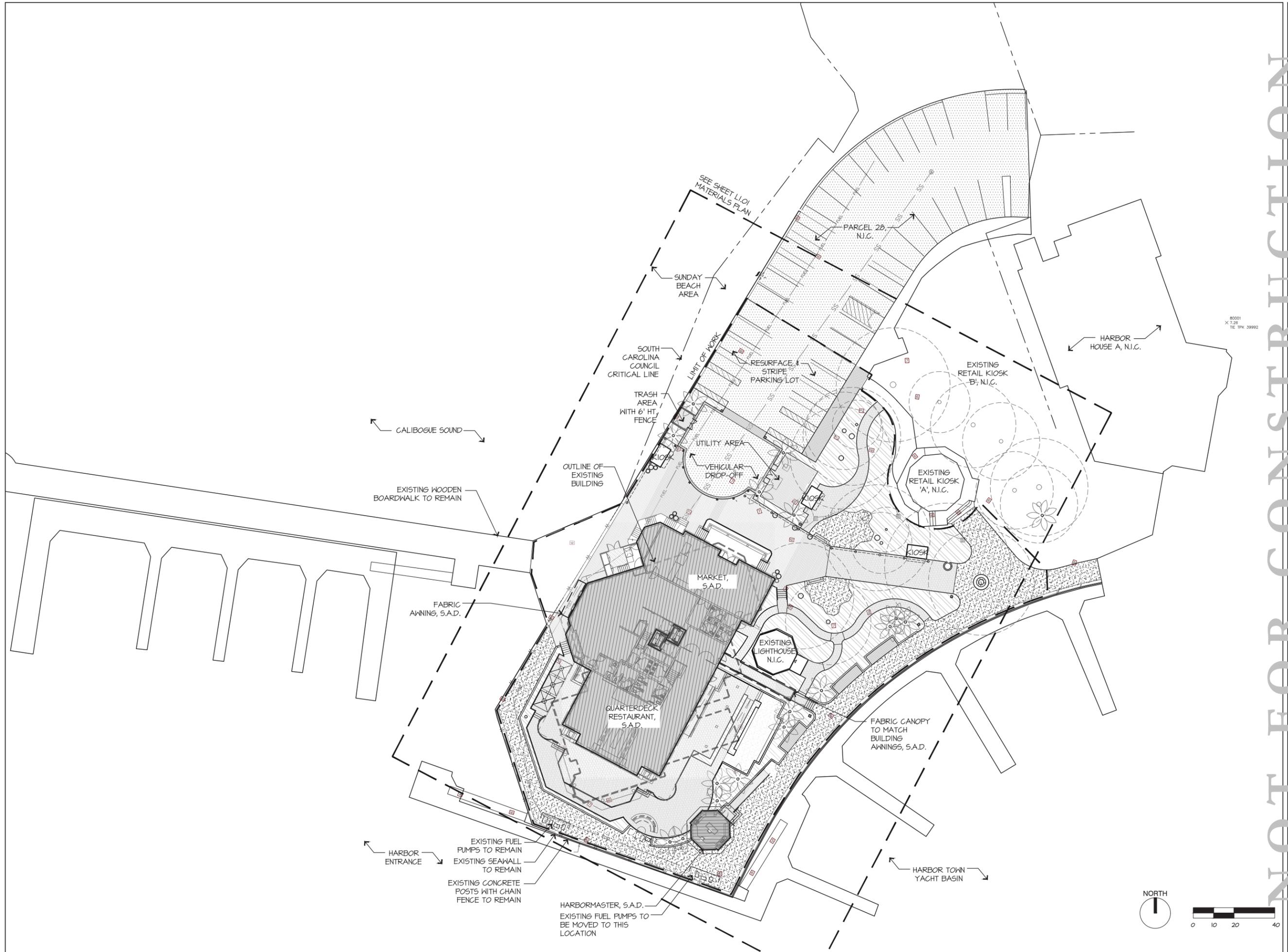
PARTIAL ASBLT,
TREE & TOPOGRAPHIC
SURVEY OF LANDS OF
HARBOR TOWN SP, LLC
'THE LIGHTHOUSE AREA'
A SECTION OF
SEA PINES RESORT

TOWN OF HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA
SCALE: 1" = 20' DATE: 10/30/2020 JOB NO: SC200106

PREPARED FOR: SEA PINES COMPANY
ADDRESS: #180 LIGHTHOUSE ROAD
TAX PARCEL ID No.s R550-017-000-1099, 1100, 1198, 1201 & 1206-0000



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THE QUARTERDECK RESTAURANT
HILTON HEAD ISLAND, SC
USA

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01/22/21	100% DD
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DRAWING TITLE
SITE PLAN

PROJECT #: 16-599
DRAWN BY:
CHECKED BY:
DRAWING NO.: **L0.01**

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MATERIALS SCHEDULE

CATEGORY	SYMBOL	TITLE	DETAIL	COLOR / FINISH / SIZE	INFORMATION
PAVING	A1	ASPHALT PAVING WITH TOP COAT	3 / L4.01	TABBY SHELL TOP COAT	ASPHALT PAVING PER CIVIL ENGINEER
	B1	PAVER BAND	7 / L4.01	6 1/8" X 9 1/8" X 3" THICK; 3 COURSES; RUNNING BOND PATTERN	PEACOCK DRIVEWAY PAVERS; BANDING AT EDGE OF ASPHALT DROP-OFF
	B2	PAVER PLATFORM	8 / L4.01	11-1/2" X 11-1/2" X 1-3/4" THICK	PEACOCK LANDSCAPE PAVERS
	B3	BRICK SIDEWALK	6 / L4.01	4 X 8 BRICK TO MATCH EXISTING; RUNNING BOND PATTERN	BRICK TO MATCH EXISTING SIDEWALK
	C1	CONCRETE PAVING	-		IN SERVICE & UTILITY AREAS; PER CIVIL ENGINEER DRAWINGS
	D1	WOOD DECKING	2 / L4.02	KEBONY DECK BOARD	AT DINING TERRACES & GANGWAY; NON-SLIP ALUMINUM TREADS TO BE USED ON ALL SLOPED WALKWAYS
	D2	ELEVATED ACCESSIBLE PATH	4 / L4.02 SIM.		WICKCRAFT BOARDWALK; WITH TOE KICK OR GUARDRAIL; NON-SLIP ALUMINUM TREADS TO BE USED ON ALL SLOPED WALKWAYS
	D3	WOOD BOARDWALK	MATCH EXISTING BOARDWALK	PRESSURE TREATED SOUTHERN YELLOW PINE	TO MATCH EXISTING PIER
	E1	CRUSHED SHELL LIGHT VEHICULAR PAVING	4 / L4.01	CRUSHED, WASHED, OYSTER SHELLS	
	E2	CRUSHED SHELL AT PARK	5 / L4.01	CRUSHED, WASHED, OYSTER SHELLS	WITH PAINTED BLACK METAL EDGE RESTRAINT
RAILINGS	R1	CUSTOM BLACK METAL RAILING	1 / L4.02	30" HT.; FLAT STEEL BARSTOCK TOP RAIL & POST; MARINE GRADE POWDER COAT; COLOR: BLACK	
	R2	LOW CUSTOM BLACK METAL RAIL	2 / L4.02	8" HT.; FLAT STEEL BARSTOCK TOP RAIL & POST; MARINE GRADE POWDER COAT; COLOR: BLACK	
	R3	WOOD GUARDRAIL	3 / L4.02	42" HT.	USE WHEN FALL HEIGHT EXCEEDS 30" OR PER CODE
	R4	GANGWAY RAIL	9 / L4.02	MESH FABRIC PANEL RAILS WITH METAL POSTS	LIGHTING INTEGRATED INTO HANDRAIL, SEE LIGHTING DRAWINGS
	R5	TOE KICK AT ELEVATED BOARDWALK	4 / L4.02	4" X 4" PRESSURE TREATED SOUTHERN YELLOW PINE ON 4" BLOCKS	LIGHTING INTEGRATED INTO TOE KICK, SEE LIGHTING DRAWINGS
STAIRS	S1	WOOD STAIRS WITH CUSTOM METAL HANDRAIL	7 & 8 / L4.02	KEBONY DECK BOARD; RAILING TO BE FLAT STEEL BARSTOCK HANDRAIL WITH LAMB'S TONGUE DETAIL AT TERMINUS; MARINE GRADE POWDER COAT; COLOR: BLACK	
	S2	WOOD STAIRS AT TERRACE	8 / L4.02 SIM.	KEBONY DECK BOARD	TWO RISERS OR FEWER; NO RAILING
WALLS	W1	WOOD TIMBER WALL	1 / L4.03	8"X 8"X 18" HT.; PRESSURE TREATED WOOD TIMBERS	LIGHTING INTEGRATED INTO WALL; SEE LIGHTING DRAWINGS
	W2	TABBY ENTRY PIER	4 / L4.03	20" X 20" X 48" HT.; OYSTER SHELL TABBY FINISH WITH LIMESTONE CAP	WITH SIGNAGE AND LIGHTING, PER TOWN CODE
	W3	TABBY ENTRY PIER AT DROP-OFF	5 / L4.03	20" X 20" X 48" HT.; OYSTER SHELL TABBY FINISH WITH LIMESTONE CAP	WITH SIGNAGE AND LIGHTING, PER TOWN CODE
FENCES	F1	UTILITY YARD ENCLOSURE	1 / L4.04	PANELIZED PRE FAB SYSTEM; 7' HT.; HORIZONTAL PLANKWALL; FINISH: WEATHERED TEAK	PER CITYSCAPES INC.; COVRIT SYSTEM
	F2	REFUSE ENCLOSURE		PANELIZED PRE FAB SYSTEM; 6' HT.; HORIZONTAL PLANKWALL; FINISH: WEATHERED TEAK	PER CITYSCAPES INC.; COVRIT SYSTEM
	F3	FUEL PUMP ENCLOSURE		PANELIZED PRE FAB SYSTEM; 4' HT.; HORIZONTAL PLANKWALL; FINISH: WEATHERED TEAK	PER CITYSCAPES INC.; COVRIT SYSTEM

Sarah Bumbalugh: J:\2016\16-599\Quarterdeck_Restaurant\3.0 CAD\Sheets\16-599_QD_L1.00.dwg, Page Setup: ---, H:\CD\csh, Plot Scale: 1:1, DWG To PDF with Layers.plt3

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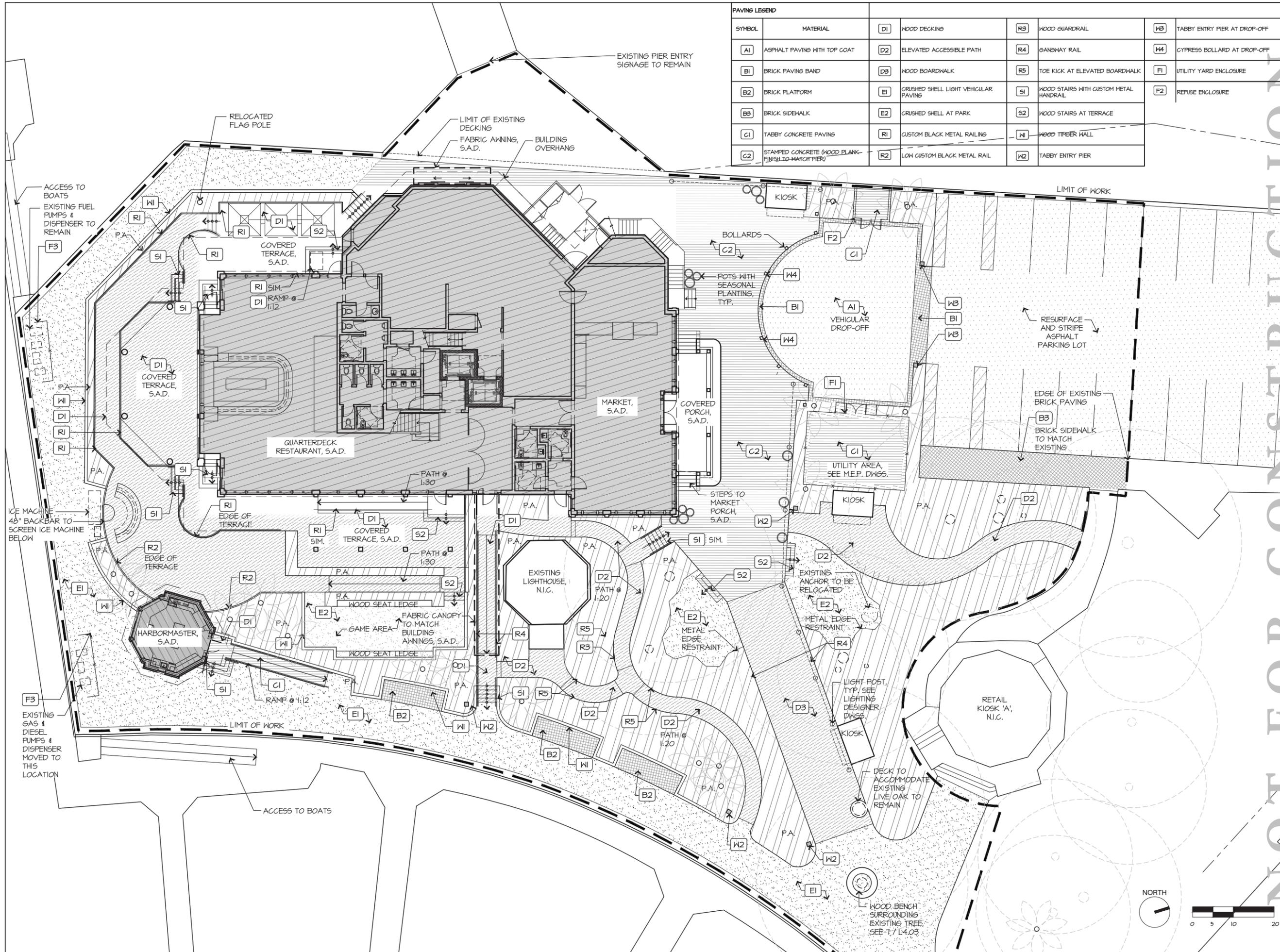
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NO	DATE

NO	DATE	ISSUE

DRAWING TITLE
MATERIALS SCHEDULE

PROJECT #: 16-599
DRAWN BY:
CHECKED BY:
DRAWING NO.: **L1.00**



PAVING LEGEND							
SYMBOL	MATERIAL	D1	WOOD DECKING	R3	WOOD GUARDRAIL	W3	TABBY ENTRY PIER AT DROP-OFF
A1	ASPHALT PAVING WITH TOP COAT	D2	ELEVATED ACCESSIBLE PATH	R4	GANGWAY RAIL	W4	CYPRESS BOLLARD AT DROP-OFF
B1	BRICK PAVING BAND	D3	WOOD BOARDWALK	R5	TOE KICK AT ELEVATED BOARDWALK	F1	UTILITY YARD ENCLOSURE
B2	BRICK PLATFORM	E1	CRUSHED SHELL LIGHT VEHICULAR PAVING	S1	WOOD STAIRS WITH CUSTOM METAL HANDRAIL	F2	REFUSE ENCLOSURE
B3	BRICK SIDEWALK	E2	CRUSHED SHELL AT PARK	S2	WOOD STAIRS AT TERRACE		
C1	TABBY CONCRETE PAVING	R1	CUSTOM BLACK METAL RAILING	W1	WOOD TIMBER WALL		
C2	STAMPED CONCRETE (WOOD PLANK-FINISH TO MATCH PIER)	R2	LOW CUSTOM BLACK METAL RAIL	W2	TABBY ENTRY PIER		

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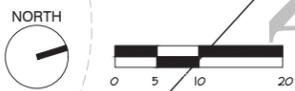
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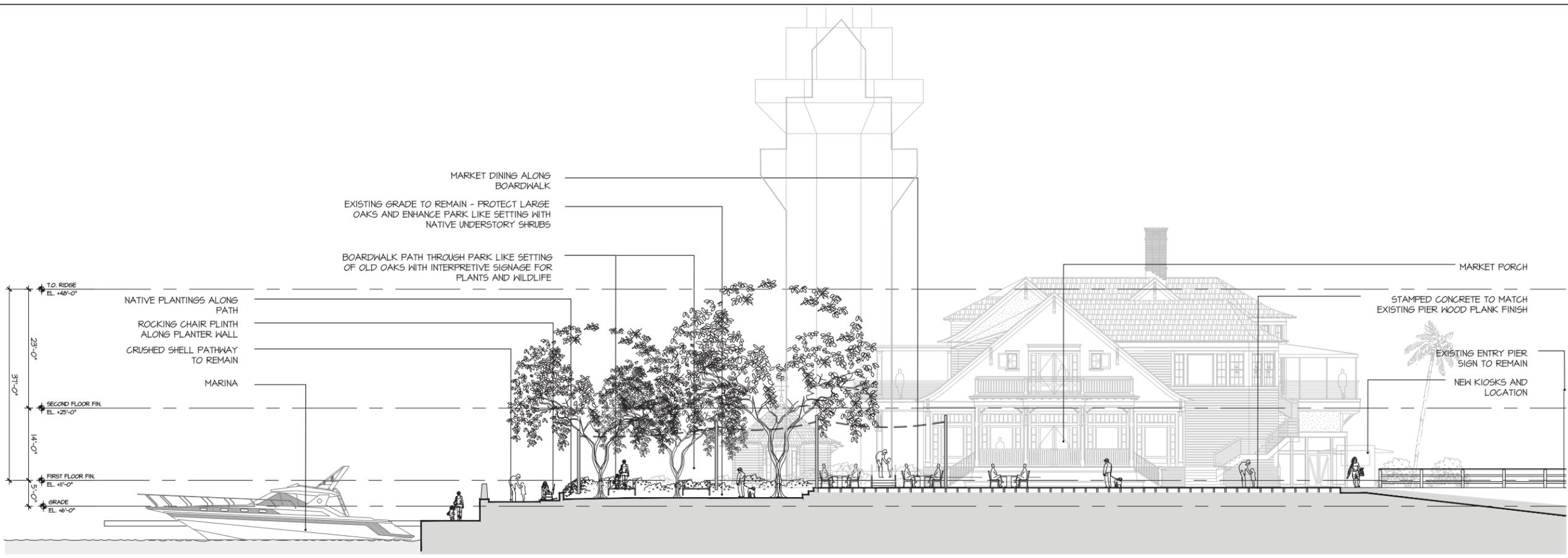
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REVISIONS		
NO.	DATE	ISSUE

MATERIALS PLAN
 PROJECT #: 16-307
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 DRAWING NO: **L1.01**

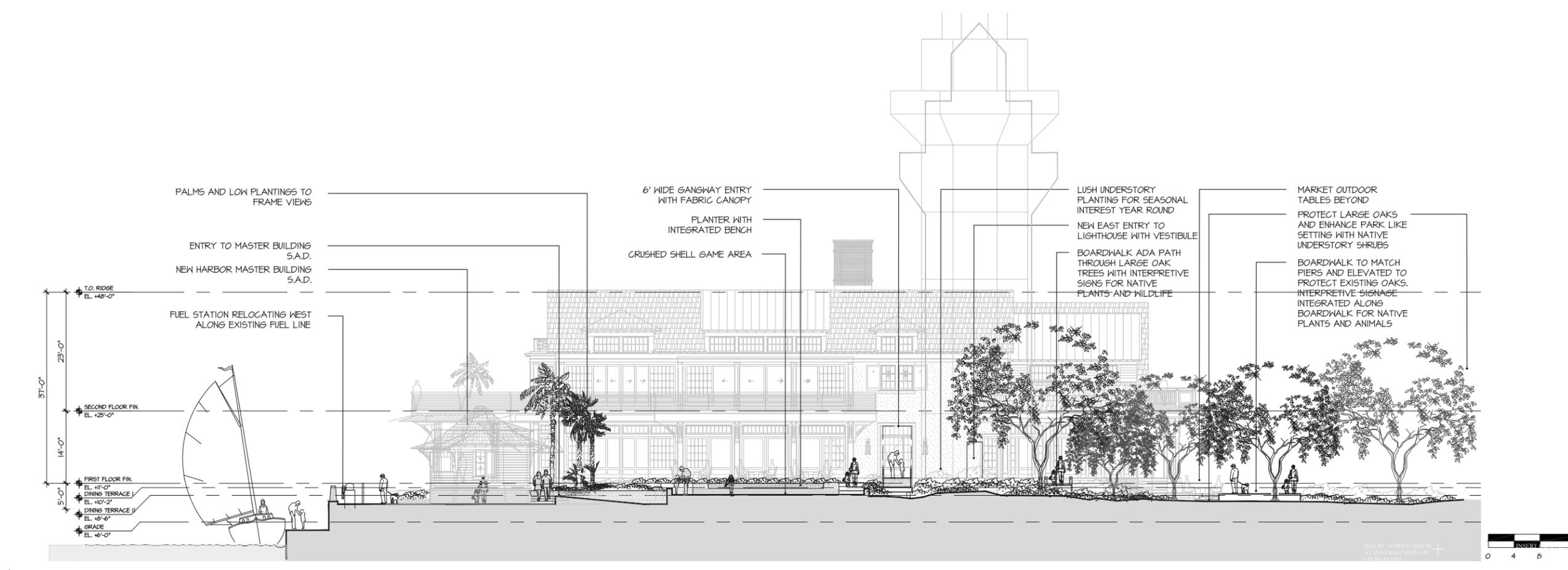


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1 NORTH ELEVATION

1/8"=1'-0"



2 WEST ELEVATION

1/8"=1'-0"

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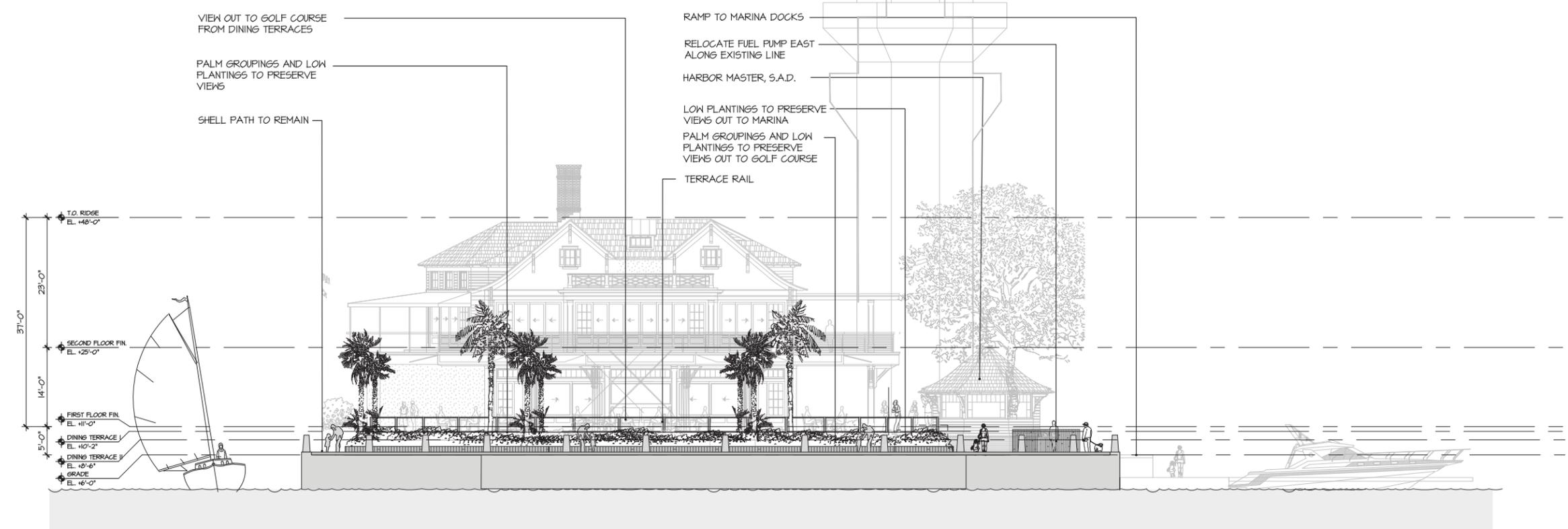
SITE SECTIONS	

PROJECT #: 16-509
DRAWN BY:
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IN

DRAWING NO.: L3.01

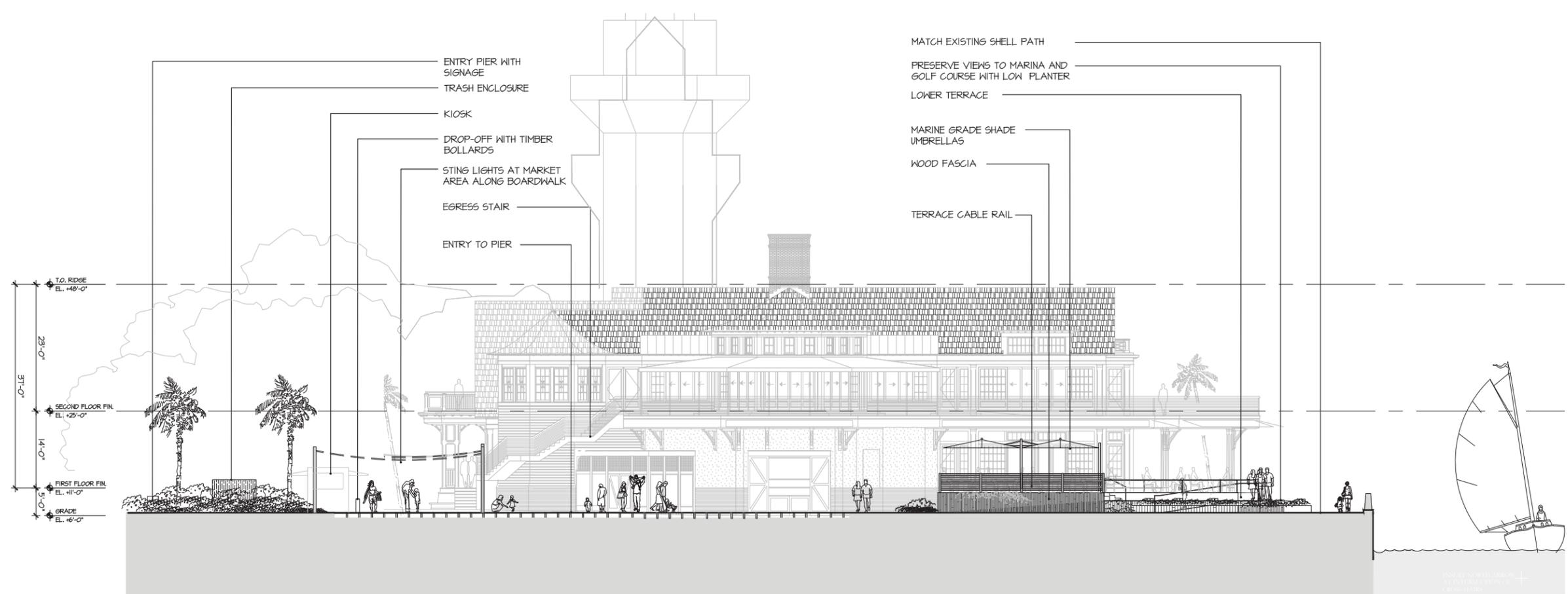
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Sarah Rumbough, 1/1/2016, 16:59, Quarterdeck Restaurant 3.0 CAD, Sheeflex 3.02 SITE SECTIONS.dwg, Page Setup: ---, H:\CD\sub, Plot Scale: 1/8"=1'-0", DWG To PDF with Layers.pcs



1 SOUTH ELEVATION

1/8"=1'-0"



2 EAST ELEVATION

1/8"=1'-0"

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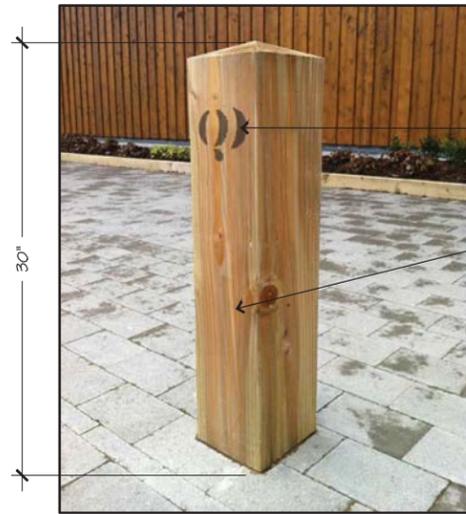
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SITE SECTIONS

PROJECT #: 16-509
DRAWN BY: VALIE
CHECKED BY: JP, RR

DRAWING NO.: **L3.02**

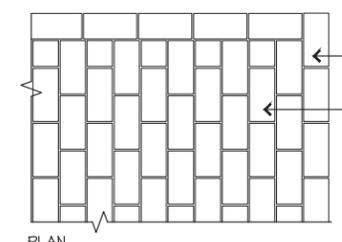
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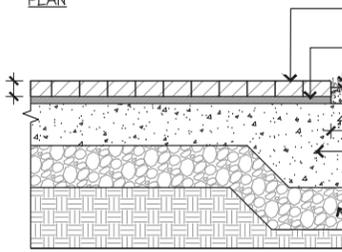
QUARTERDECK LOGO BRANDED INTO WOOD BOLLARD

8" X 8" X 30" HT CYPRESS BOLLARD



BRICK BAND AT PAVING EDGE

BRICK PAVER IN RUNNING BOND PATTERN



BRICK BORDER WITH HAND TIGHT, SAND SWEEP JOINTS

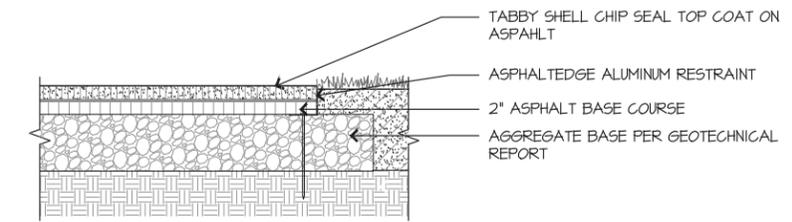
MORTAR SETTING BED -1" DEPTH

ADJACENT PLANTED AREA

CONCRETE SUBSLAB WITH REINFORCING -SEE CIVIL DWGS.

AGGREGATE BASE PER GEOTECH REPORT

SECTION



NOTE:

- SEE CIVIL ENGINEER'S DRAWINGS FOR SUB-SURFACE DRAINAGE INFORMATION
- WHERE NEW ASPHALT MEETS ADJACENT PAVING, SURFACES SHALL BE FLUSH AND EDGES ALIGNED

6 DROP-OFF TIMBER BOLLARD

D-PV-02D96

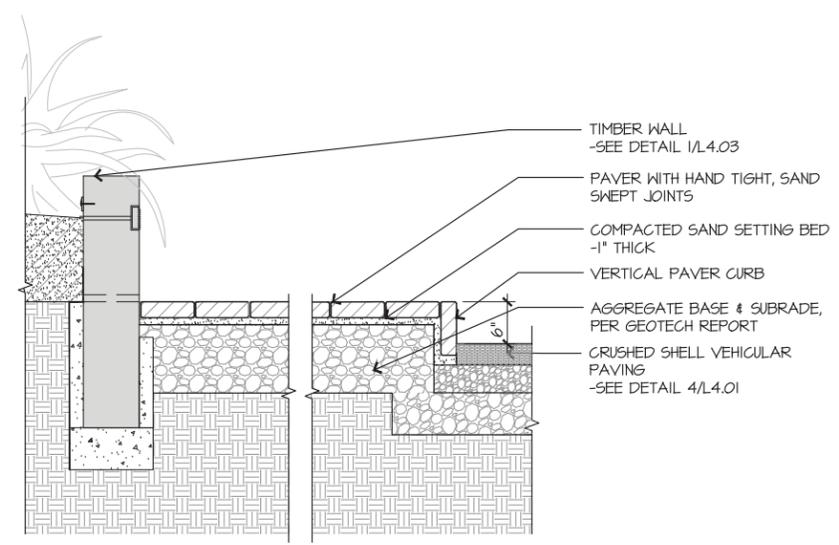
1"=1'-0"

6 B3: BRICK SIDEWALK

1"=1'-0"

3 A1: ASPHALT PAVING WITH TOP COAT

1"=1'-0"



TIMBER WALL -SEE DETAIL 1/L4.03

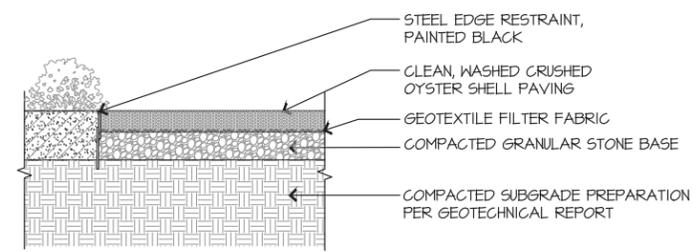
PAVER WITH HAND TIGHT, SAND SWEEP JOINTS

COMPACTED SAND SETTING BED -1" THICK

VERTICAL PAVER CURB

AGGREGATE BASE & SUBGRADE PER GEOTECH REPORT

CRUSHED SHELL VEHICULAR PAVING -SEE DETAIL 4/L4.01



STEEL EDGE RESTRAINT, PAINTED BLACK

CLEAN, WASHED CRUSHED OYSTER SHELL PAVING

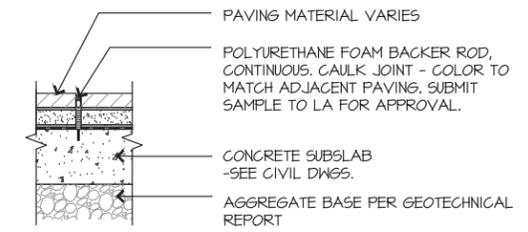
GEOTEXTILE FILTER FABRIC

COMPACTED GRANULAR STONE BASE

COMPACTED SUBGRADE PREPARATION PER GEOTECHNICAL REPORT

NOTE:

SEE CIVIL ENGINEER'S DRAWINGS FOR SUB-SURFACE DRAINAGE INFORMATION



PAVING MATERIAL VARIES

POLYURETHANE FOAM BACKER ROD, CONTINUOUS, CAULK JOINT - COLOR TO MATCH ADJACENT PAVING. SUBMIT SAMPLE TO LA FOR APPROVAL.

CONCRETE SUBSLAB -SEE CIVIL DWGS.

AGGREGATE BASE PER GEOTECHNICAL REPORT

NOTE:

COLOR OF CAULK JOINT TO MATCH PAVING COLOR

8 B2: PAVER PLATFORM

D-PV-02D96

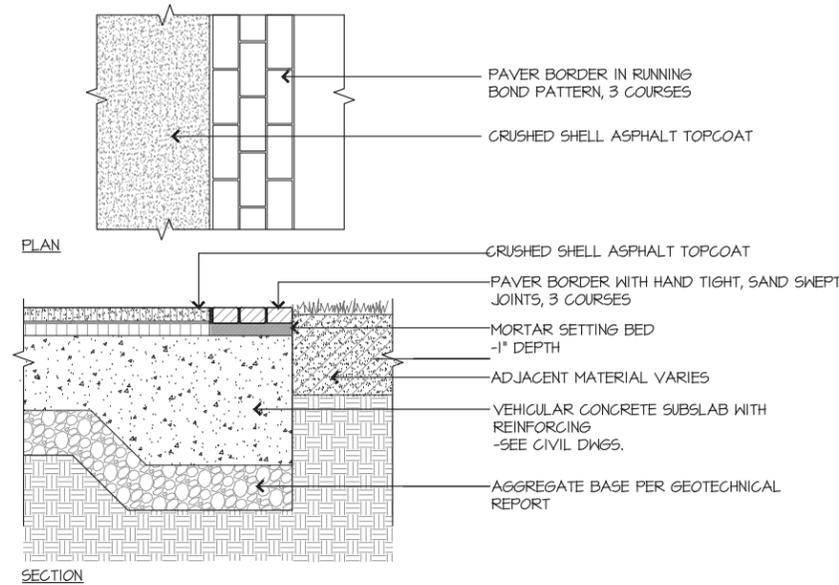
1"=1'-0"

5 E2: CRUSHED SHELL AT PARK

1"=1'-0"

2 EXPANSION JOINT AND CONTROL JOINT

1"=1'-0"



PAVER BORDER IN RUNNING BOND PATTERN, 3 COURSES

CRUSHED SHELL ASPHALT TOPCOAT

CRUSHED SHELL ASPHALT TOPCOAT

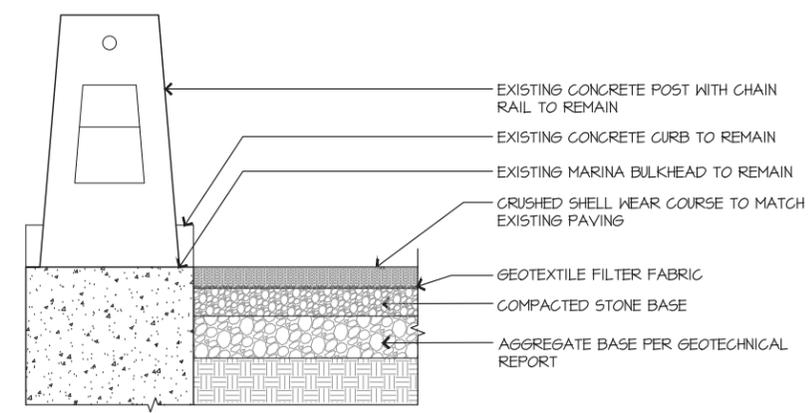
PAVER BORDER WITH HAND TIGHT, SAND SWEEP JOINTS, 3 COURSES

MORTAR SETTING BED -1" DEPTH

ADJACENT MATERIAL VARIES

VEHICULAR CONCRETE SUBSLAB WITH REINFORCING -SEE CIVIL DWGS.

AGGREGATE BASE PER GEOTECHNICAL REPORT



EXISTING CONCRETE POST WITH CHAIN RAIL TO REMAIN

EXISTING CONCRETE CURB TO REMAIN

EXISTING MARINA BULKHEAD TO REMAIN

CRUSHED SHELL WEAR COURSE TO MATCH EXISTING PAVING

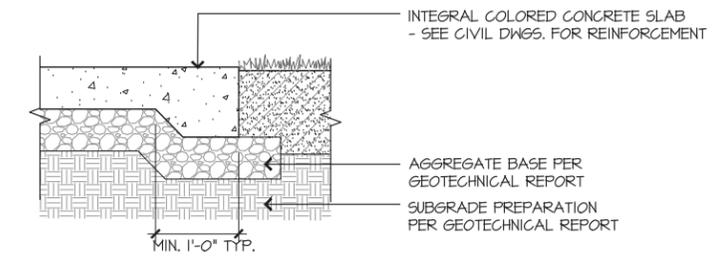
GEOTEXTILE FILTER FABRIC

COMPACTED STONE BASE

AGGREGATE BASE PER GEOTECHNICAL REPORT

NOTE:

SEE CIVIL ENGINEER'S DRAWINGS FOR SUB-SURFACE DRAINAGE INFORMATION



INTEGRAL COLORED CONCRETE SLAB - SEE CIVIL DWGS. FOR REINFORCEMENT

AGGREGATE BASE PER GEOTECHNICAL REPORT

SUBGRADE PREPARATION PER GEOTECHNICAL REPORT

7 B1: PAVER BAND

1"=1'-0"

4 E1: CRUSHED SHELL LIGHT VEHICULAR PAVING

1"=1'-0"

1 C1: CONCRETE PAVING

1"=1'-0"

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NO.	DATE	ISSUE

DRAWING TITLE
DETAILS

PROJECT #: 16-590
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DRAWING NO.:

L4.01

9

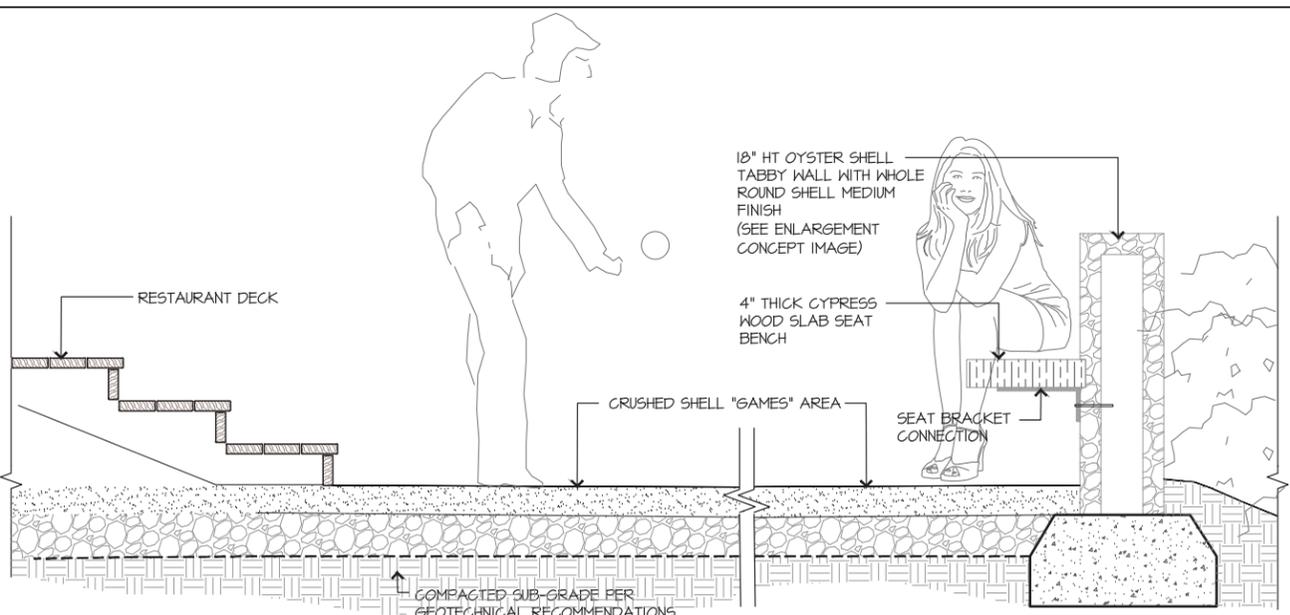
6



CONCEPT FOR GATEWAY LIGHTS

- 6" DIA. ALUMINUM POSTS PAINTED WITH MARINE GRADE METAL PAINT
- POSTS TO BE MIN 13' HIGH FROM GROUND PLANE
- MIN 2" DEEP CONCRETE FOOTINGS WITH PAINTED ALUMINUM ANCHOR PLATE
- ALL ELECTRICAL ROUTING TO OCCUR WITHIN POST AND BELOW GRADE

NOTE:
 1. DETAIL IS FOR DESIGN INTENT ONLY
 2. POST SPACING, LIGHT FIXTURE, PHOTOMETRIC CALCULATIONS AND LIGHTING REQUIREMENTS TO BE PERFORMED BY LIGHTING DESIGNER
 3. ALL FOOTINGS AND POST SIZING SUBJECT TO STRUCTURAL ENGINEER'S REVIEW



ENLARGEMENT CONCEPT IMAGE: WHOLE ROUND OYSTER SHELL MEDIUM TABBY

1"=1'-0"

GRASS COURTYARD AND SEAT WALL

8 STRING LIGHT PRECEDENT

5 TABBY ENTRY PIER AT DROP-OFF

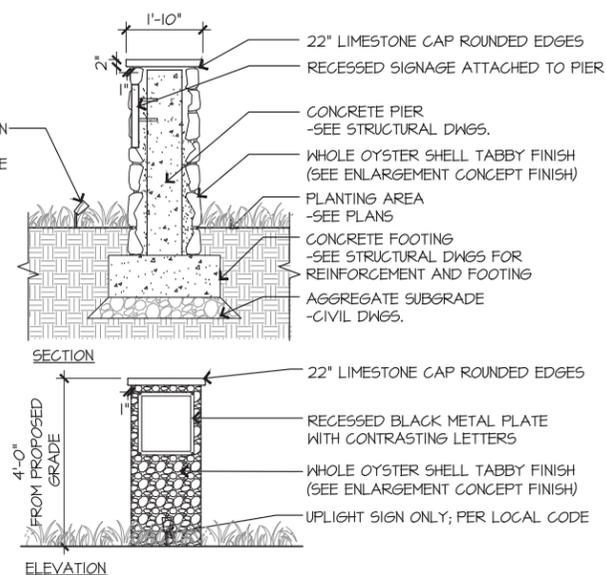
1/2"=1'-0"



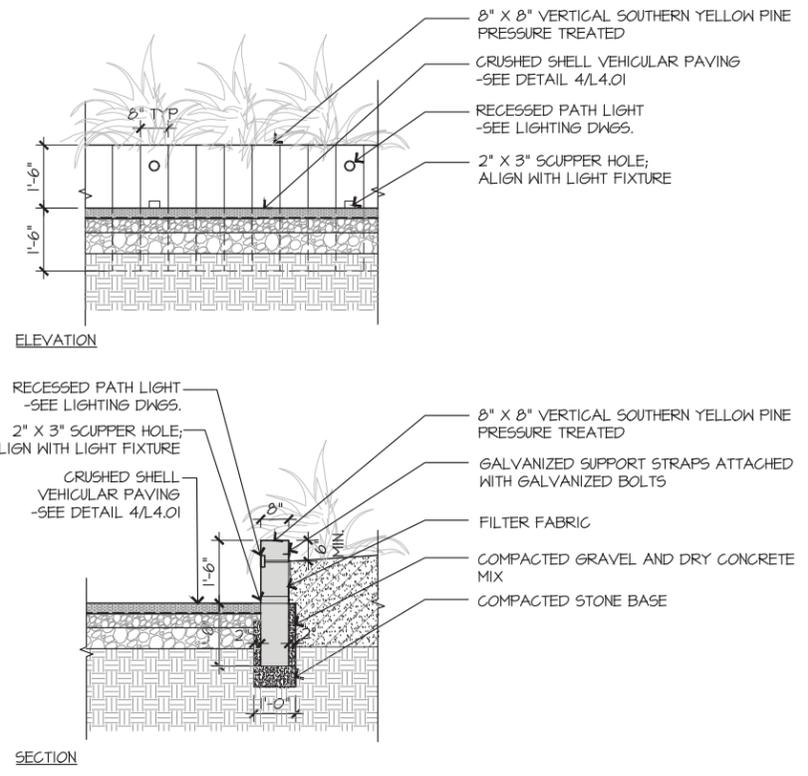
NOTE: DETAIL IS FOR DESIGN INTENT ONLY



ENLARGEMENT CONCEPT IMAGE: WHOLE OYSTER SHELL TABBY WALL FINISH



DESIGN INTENT: LOW TIMBER PERIMETER SITE WALL



7 BENCH AT EXISTING TREE

4 TABBY ENTRY PIER

1 WI: WOOD TIMBER WALL

1/2"=1'-0"

Sarah Birmingham: I:\1\2016\16-590\Quarterdeck Restaurant\3.0 CAD\Sheets\14.08 DETAILS.dwg, Page Setup: ..., I:\1\CD\csh, Plot Scale: 1/1, DWG: To PDF with Layers.pcs

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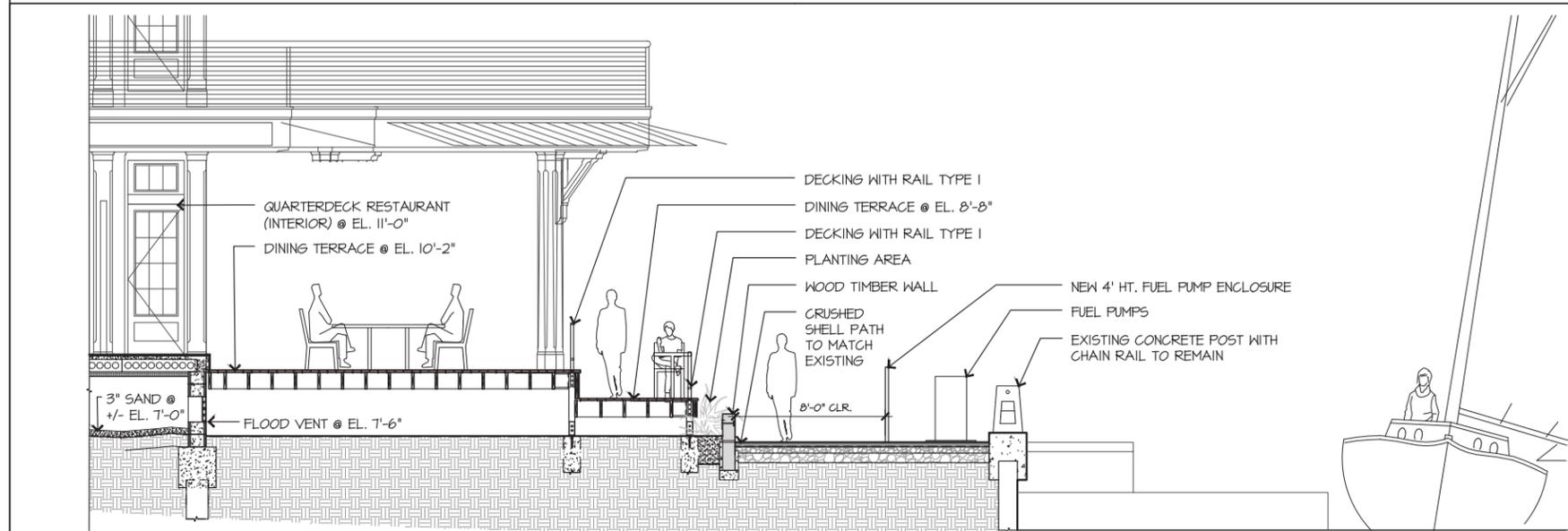
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L4.03

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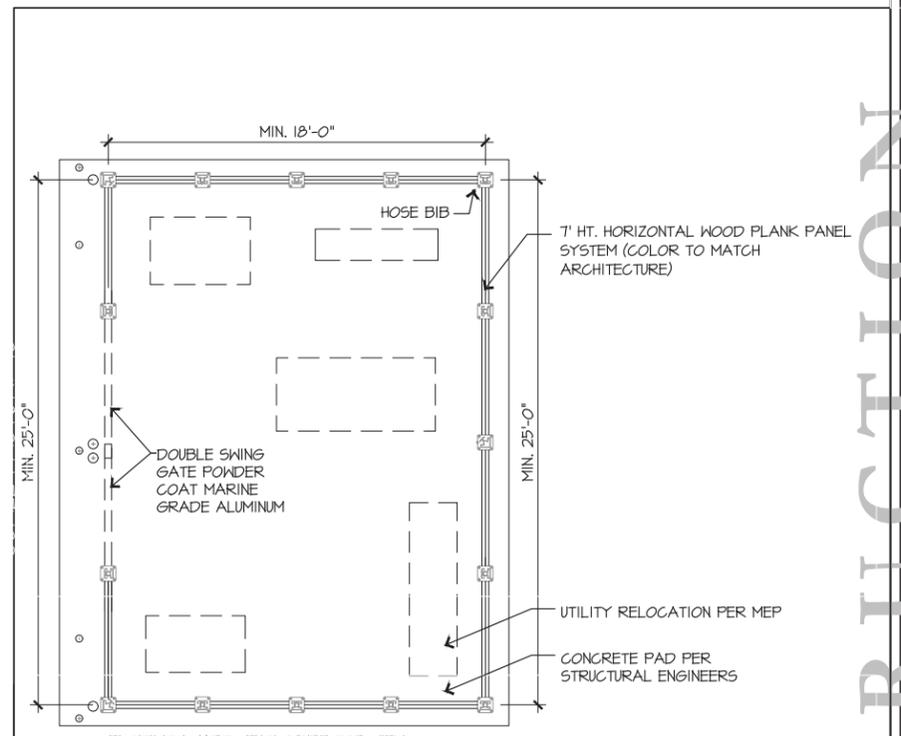
DETAILS

Sarah Rumbough; 1/13/2016; 16-509 Quarterdeck Restaurant; 3.0 CAD; Sheeflex; 16-509_QD_14.04.dwg; Page Setup; ---; HHC; CD; csh; Plot Scale: 1:1; _DWG; To PDF; with Layers; pc3

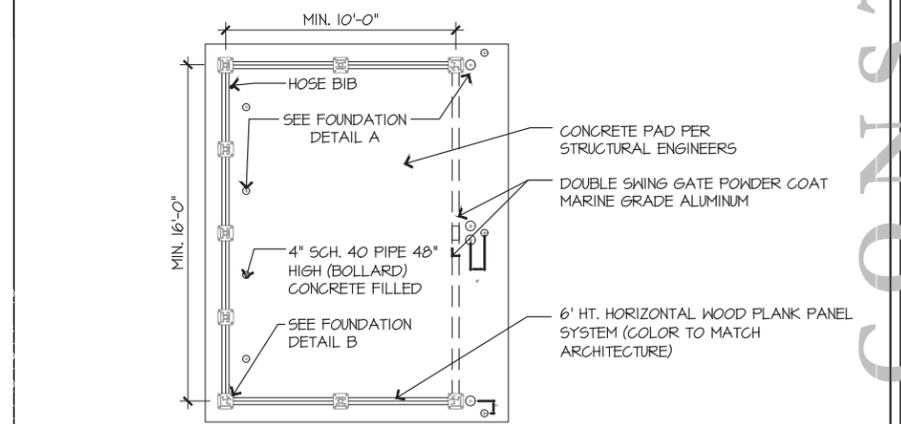


7 SECTION ENLARGEMENT

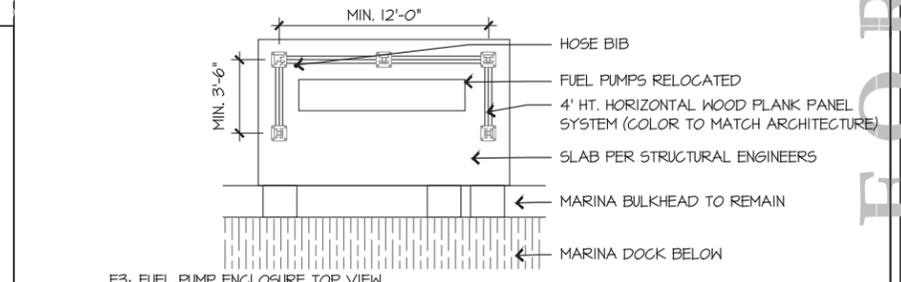
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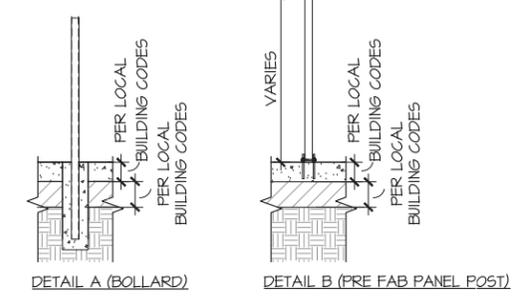
F1: UTILITY YARD ENCLOSURE TOP VIEW



F2: REFUSE ENCLOSURE TOP VIEW



F3: FUEL PUMP ENCLOSURE TOP VIEW



DETAIL A (BOLLARD)

DETAIL B (PRE FAB PANEL POST)

NOTES:
 1. ALL UTILITY RE-LOCATION PER M.E.P. ENGINEERS
 2. PANELIZED PRE FAB SYSTEM PER CITYSCAPES INC.
 3. HORIZONTAL WOOD PLANK PANELS TO MATCH ARCHITECTURE
 4. TRASH ENCLOSURE - 6' HT. UTILITY ENCLOSURE - 7' HT. FUEL PUMP ENCLOSURE - 4' HT.

UTILITY & REFUSE ENCLOSURES

1/4"=1'-0"

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10/23/20	100% SD
01/22/21	100% DD
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NO	DATE	ISSUE

DRAWING TITLE
DETAILS

PROJECT #:
 16-509
 DRAWN BY:
 CHECKED BY:
 IN

DRAWING NO:
L4.04

TREE & PALM SCHEDULE					
TREES					
	EXISTING TREE TO REMAIN				
PALM TREES	QTY	BOTANICAL NAME	COMMON NAME	CAL	
	23	SABAL PALMETTO	CABBAGE PALMETTO	12-16 CAL	
SHRUB & GROUNDCOVER SCHEDULE					
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	70	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	3 GAL	36" o.c.
	2	ILEX VOMITORIA	YAUPON HOLLY	15 GAL	96" o.c.
	49	MORELLA CERIFERA 'DON'S DWARF'	DON'S DWARF WAX MYRTLE	7 GAL	48" o.c.
	26	PITTOSPORUM TOBIRA	MOCK ORANGE	7 GAL	36" o.c.
	18	PITTOSPORUM TOBIRA 'COMPACTUM'	COMPACT PITTOSPORUM	5 GAL	36" o.c.
	9	YUCCA FILAMENTOSA 'SPANISH BAYONET'	ADAM'S NEEDLE	3 GAL	36" o.c.
ANNUALS/PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	261	CYRTOMIUM FALCATUM	HOLLY FERN	1 GAL	12" o.c.
	108	HELIANTHUS DEBILIS	DUNE SUNFLOWER	1 GAL	18" o.c.
	332	LIRIOPE MUSCARI 'EVERGREEN GIANT'	EVERGREEN GIANT LILYTURF	1 GAL	12" o.c.
	42	SALVIA LEUCANTHA	MEXICAN BUSH SAGE	3 GAL	24" o.c.
	380	TRACHELOSPERMUM ASIATICUM	ASIAN JASMINE	4"POT	18" o.c.
CYCADS/PALMS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	9	CYCAS REVOLUTA	SAGO PALM	15 GAL	36" o.c.
	68	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	15 GAL	48" o.c.
	14	ZAMIA PUMILA	COONTIE CYCAD	7 GAL	36" o.c.
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	283	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3 GAL	24" o.c.
	452	PANICUM VIRGATUM 'HEAVY METAL'	HEAVY METAL SWITCH GRASS	3 GAL	18" o.c.
VINE/ESPALIER	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	12	FICUS REPENS	CREEPING FIG	3 GAL	6" o.c.
	5	GELSEMIUM SEMPERVIRENS	JESSAMINE ESPALIER	5 GAL	6" o.c.

NOTES:
 1. ALL EXISTING LIVE OAKS TO BE PROTECTED.
 2. ALL AREAS NOT COVERED WITH PAVING TO BE MULCHED WITH SHREDDED CYPRESS OR CEDAR BARK TO DEPTH OF 6".
 3. IRRIGATION TO BE INSTALLED PER HILTON HEAD GUIDELINES.
 4. PLANT PALETTE IS SALT & DROUGHT TOLERANT.
 4. PLANTS THAT ARE NON-NATIVE HAVE BEEN HISTORICALLY USED IN COASTAL CAROLINA COMMUNITIES AND ARE NON-INVASIVE.

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REVISIONS		
NO	DATE	ISSUE

PLANTING SCHEDULE

PROJECT #: 16-309
 DRAWN BY: SR
 CHECKED BY: JN

DRAWING NO: L5.00

Sarah Rumbough: J:\2016\16-590 Quarterdeck Restaurant\3.0 CAD\Sheets\16-590_QD_L5.01.dwg, Page Setup: ---, H:\CD\csh, Plot Scale: 1:1, DWG To PDF: pc3



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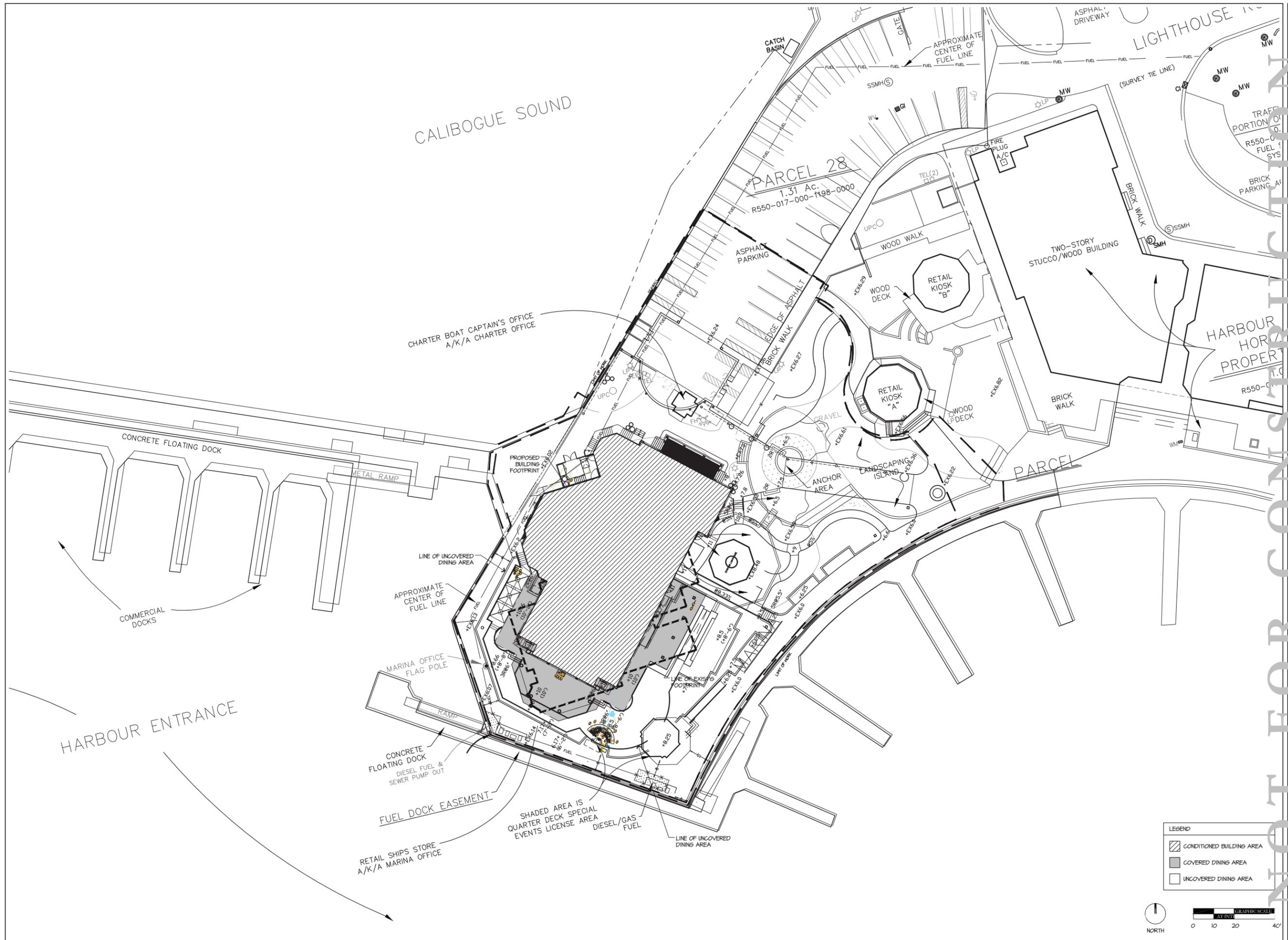
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10/23/20	100% SD
01/22/21	100% DD
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NO.	DATE	ISSUE
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PLANTING PLAN

PROJECT #: 16-590
 DRAWN BY: SR
 CHECKED BY: JN
 DRAWING NO: **L5.01**

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LEGEND

	CONDITIONED BUILDING AREA
	COVERED DINING AREA
	UNCOVERED DINING AREA



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REVISIONS		
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PROPOSED SITE PLAN

PROJECT #: 16-509
 DRAWN BY: [Signature]
 CHECKED BY: J.P. RR
 DRAWING NO.: **A1.01**

From Set: 11/20/16 16-509 Quarterdeck Restaurant\310 CAD\Sheets\16-509_QD_A2.01.dwg, Page Setup: ---, 1111.CD.ctb, Plot Scale: 1/8" = 1'-0", DWG To PDF with Layers, p33

LEGEND - WALL TYPES

	WOOD STUD FRAMED WALL
	METAL STUD FRAMED WALL
	CMU WALL

PLACE LICENSE STAMP HERE:

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NEW YORK STATE LICENSED ARCHITECT

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Email: NY@hartorton.com

PLACE CONSULTANTS NAME LOGO HERE:

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REVISIONS		
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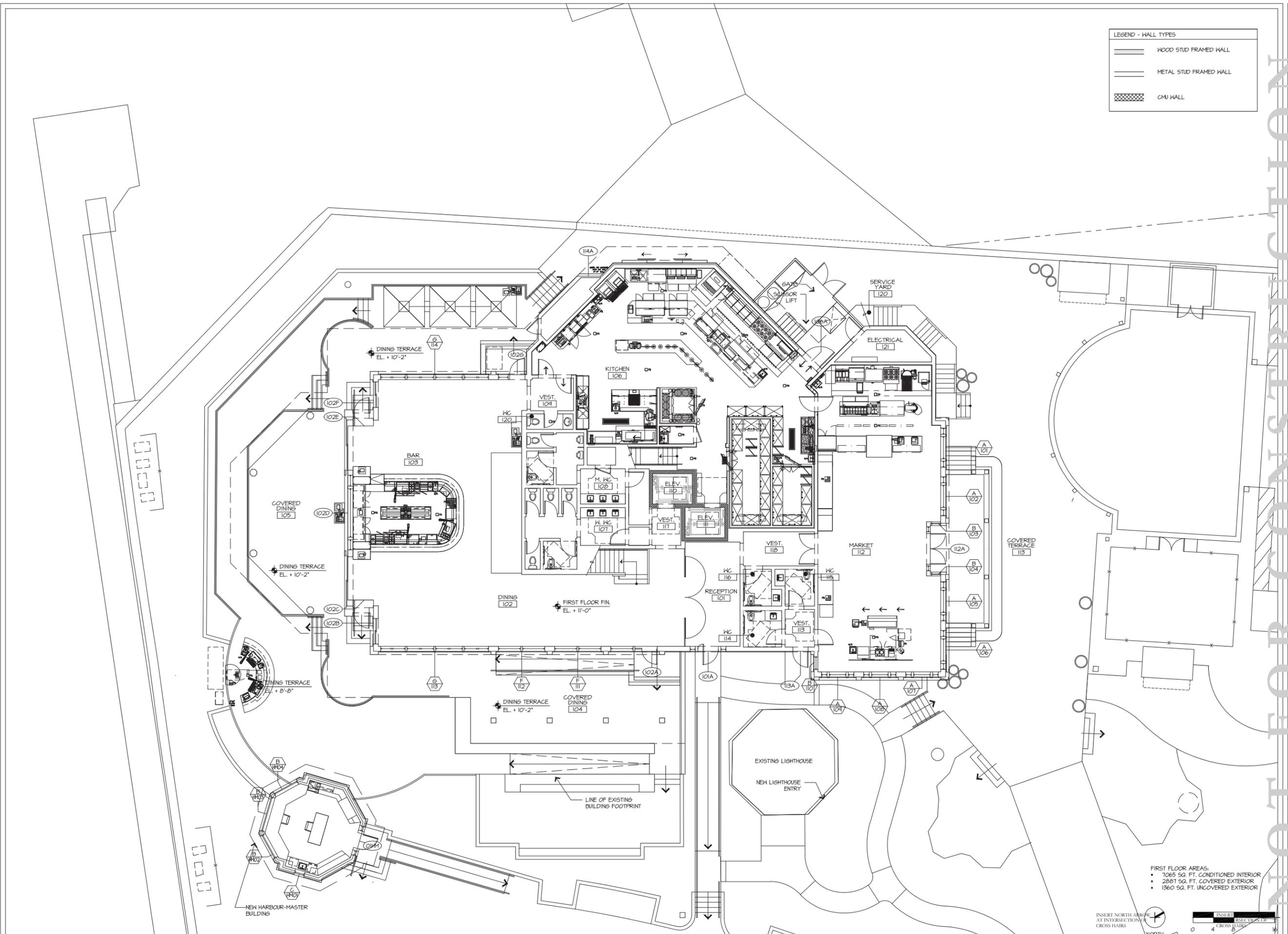
FIRST FLOOR PLAN

PROJECT #: 16-509
DRAWN BY: JP, RR
CHECKED BY: JP, RR
DRAWING NO: **A2.01**

- FIRST FLOOR AREAS:
- 1065 SQ. FT. CONDITIONED INTERIOR
 - 2887 SQ. FT. COVERED EXTERIOR
 - 1360 SQ. FT. UNCOVERED EXTERIOR



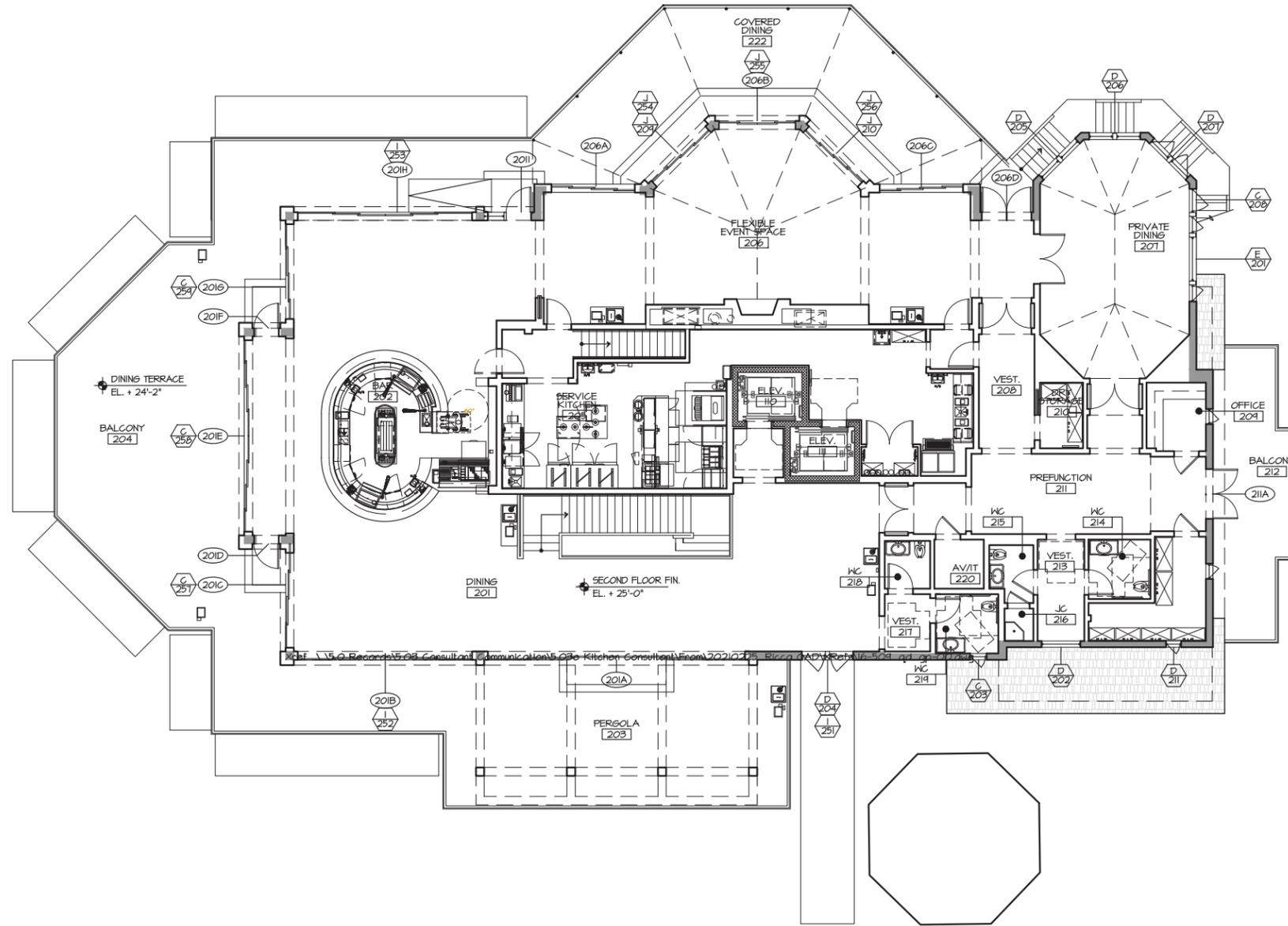
1/8"=1'-0"



1 FIRST FLOOR PLAN

LEGEND - WALL TYPES	
	WOOD STUD FRAMED WALL
	METAL STUD FRAMED WALL
	CMU WALL

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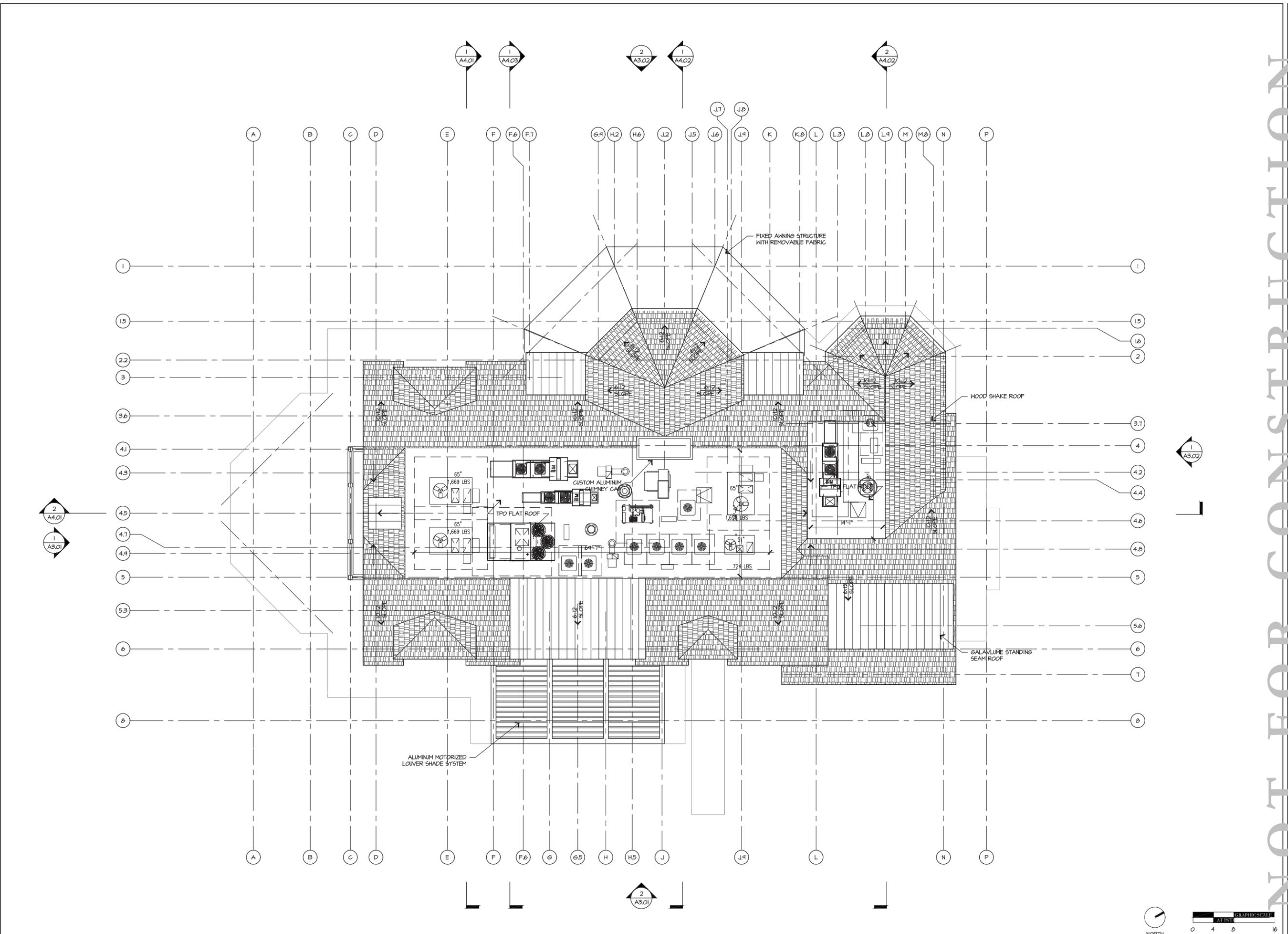
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SECOND FLOOR PLAN

PROJECT #: 16-509
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 DRAWING NO: A2.02

1 SECOND FLOOR PLAN



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1 ROOF PLAN



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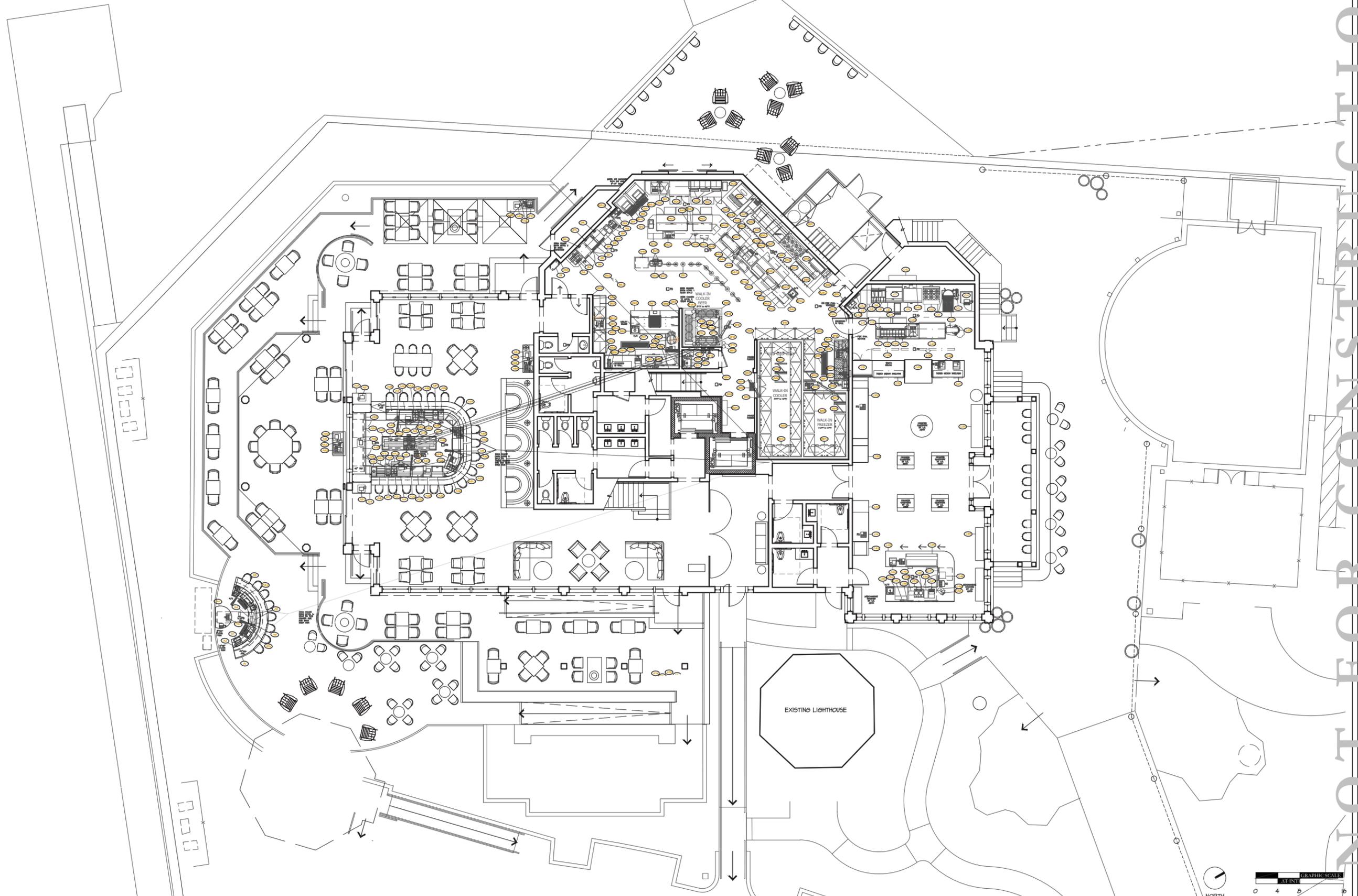
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DRAFTER: J.P.
ROOF PLAN
 PROJECT #: 16-509
 DRAWN BY: J.P.
 CHECKED BY: J.P., RR
 DRAWING NO: **A2.03**

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1 FIRST FLOOR FURNITURE PLAN



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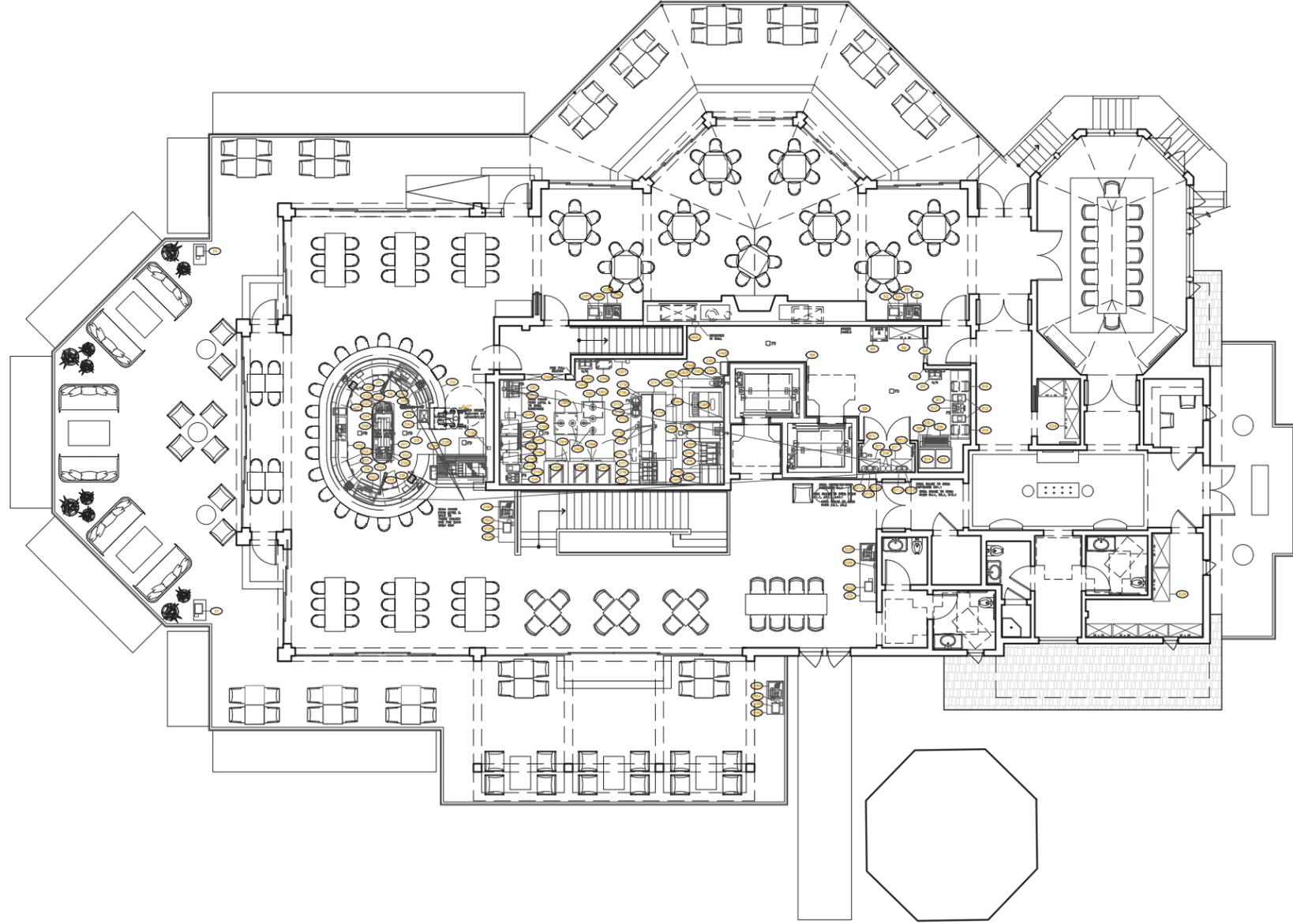
REVISIONS		
NO.	DATE	ISSUE

DRAWING TITLE
**FIRST FLOOR
 FURNITURE
 PLAN**

PROJECT #:
 16-509
 DRAWN BY:
 VALUE
 CHECKED BY:
 JP, RR

DRAWING NO:
A2.31

1/8"=1'-0"



NORTH

1/8"=1'-0"

1 SECOND FLOOR FURNITURE PLAN

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REVISIONS

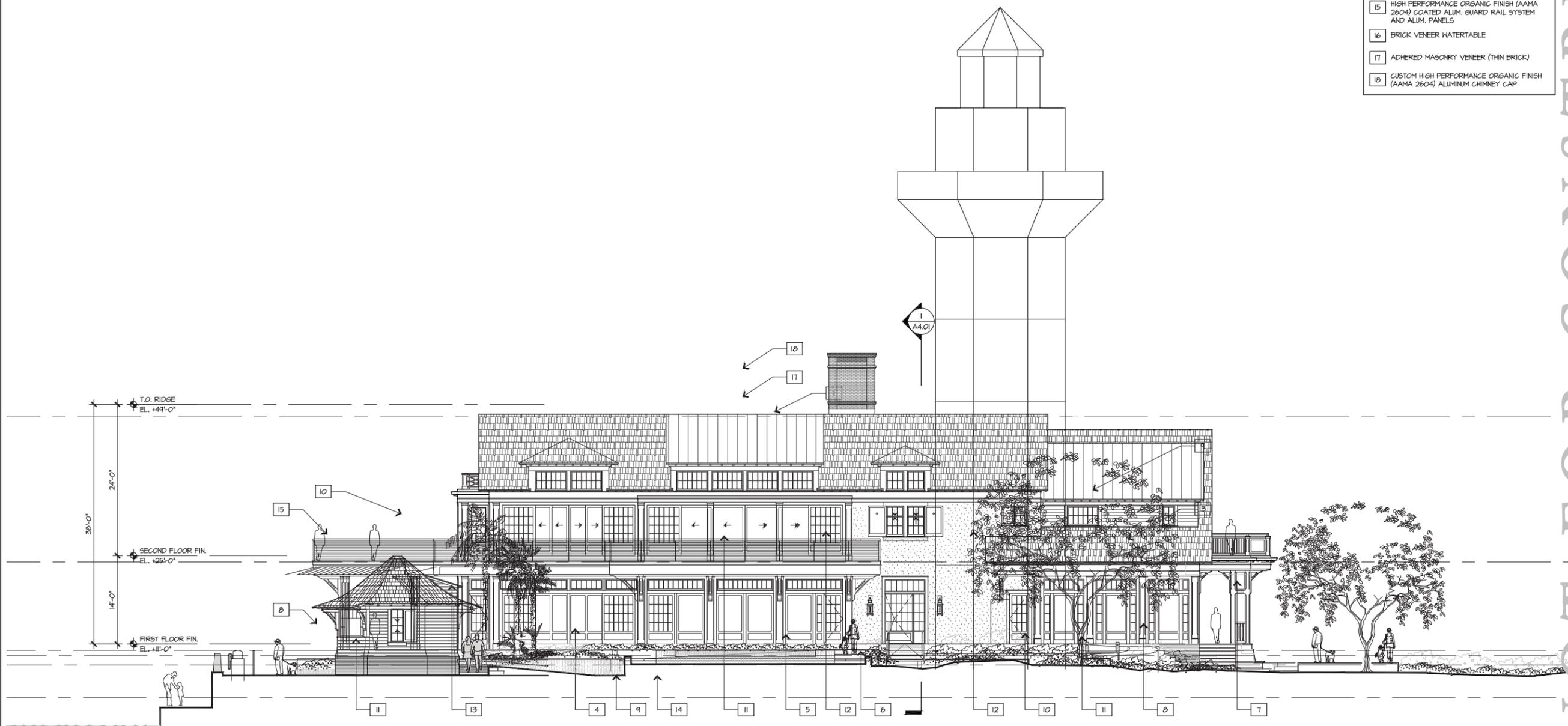
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SECOND FLOOR FURNITURE PLAN

PROJECT #: 16-509
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 CHECKED BY: JP, RR

DRAWING NO:
A2.32

From: S:\16-509\16-509-Quarterdeck Restaurant\30 CAD\Sheets\16-509_QD_A3.02.dwg, Plot Scale: 1/8"=1'-0", DWG To PDF with Layers, job3



MATERIAL LEGEND

- 1 STANDING SEAM GALVALUME FINISH METAL ROOFING (22 GA.)
- 2 ALUM. GUTTERS, SAME FINISH AS ROOF, 6" HALF-ROUND, FASCIA MOUNTED BRACKETS
- 3 ALUM. DOWNSPOUT, SAME FINISH AS ROOF, 4" DIA. ON CONCEALED BRACKETS
- 4 BEADED FIBER CEMENT SMOOTH LAP SIDING, 3/8" THK. IN RIBBON COURSING, HEAVE CORNERS
- 5 FIELD APPLIED TABBY CEMENT STUCCO SYSTEM, BASIS OF DESIGN PER SELECT IMAGES AND EXECUTED VIA FIELD MOCK-UPS
- 6 PTD. HIGH PERFORMANCE PVC TRIM
- 7 PTD. HIGH PERFORMANCE PVC WRAPPED BRACKETS
- 8 PTD. HIGH PERFORMANCE PVC COLUMN WRAPS
- 9 PTD. HIGH PERFORMANCE PVC LATTICE
- 10 ALUMINUM CLAD HD WINDOW (IMPACT GLASS)
- 11 ALUMINUM CLAD STILE & RAIL DOOR (IMPACT GLASS)
- 12 ALUMINUM CLAD LIFT & SLIDE DOOR (IMPACT GLASS)
- 13 STAINLESS STEEL POSTS AND CABLE (TYPE 316) GUARD RAIL SYSTEM WITH HARDWOOD CAP RAIL
- 14 HIGH PERFORMANCE ORGANIC FINISH (AAMA 2604) COATED ALUM. GUARD RAIL SYSTEM WITH CUSTOM PICKETS
- 15 HIGH PERFORMANCE ORGANIC FINISH (AAMA 2604) COATED ALUM. GUARD RAIL SYSTEM AND ALUM. PANELS
- 16 BRICK VENEER WATERTABLE
- 17 ADHERED MASONRY VENEER (THIN BRICK)
- 18 CUSTOM HIGH PERFORMANCE ORGANIC FINISH (AAMA 2604) ALUMINUM CHIMNEY CAP

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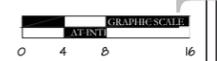
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BUILDING ELEVATIONS



1 EAST ELEVATION

PROJECT #: 16-509
 DRAWN BY: [Signature]
 CHECKED BY: JP, RR
 DRAWING NO: **A3.02**

From: S:\16-509-Quarterdeck Restaurant\310 CAD\Sheets\16-509_QD_A3.03.dwg, Plot: Scale: 1/8"=1'-0", DWG To PDF with Layers, job3



- MATERIAL LEGEND**
- 1 STANDING SEAM GALVALUME FINISH METAL ROOFING (22 GA.)
 - 2 ALUM. GUTTERS, SAME FINISH AS ROOF, 6" HALF-ROUND, FASCIA MOUNTED BRACKETS
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1 NORTH ELEVATION

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NO.	DATE	ISSUE

NO.	DATE	ISSUE

BUILDING ELEVATIONS

PROJECT #: 16-509
 DRAWN BY: VALIE
 CHECKED BY: JP, RR

DRAWING NO: **A3.03**



- MATERIAL LEGEND**
- 1 STANDING SEAM GALVALUME FINISH METAL ROOFING (22 GA.)
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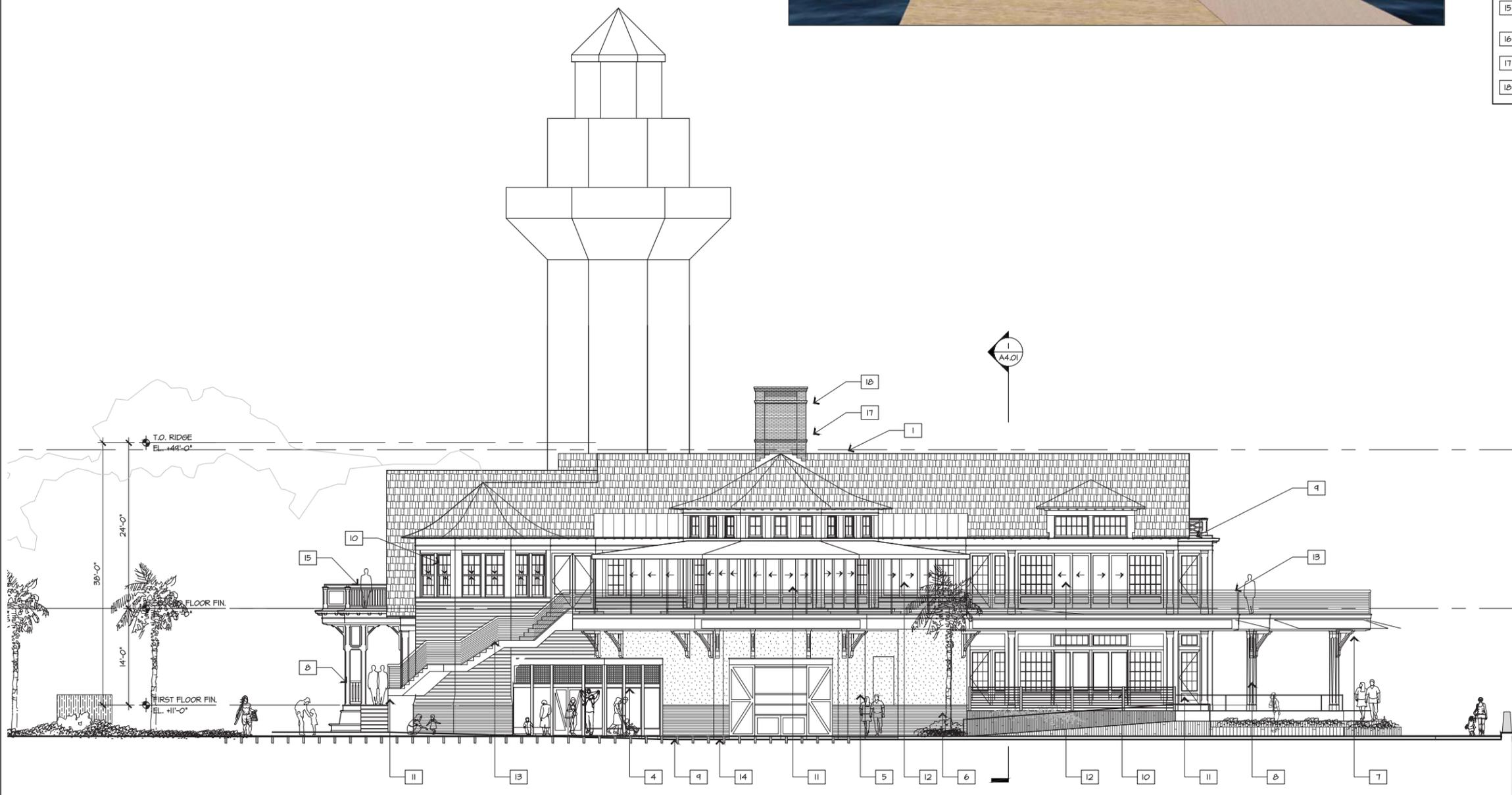
DATE	ISSUE
10/23/20	100% SD

NO.	DATE	ISSUE

BUILDING ELEVATIONS

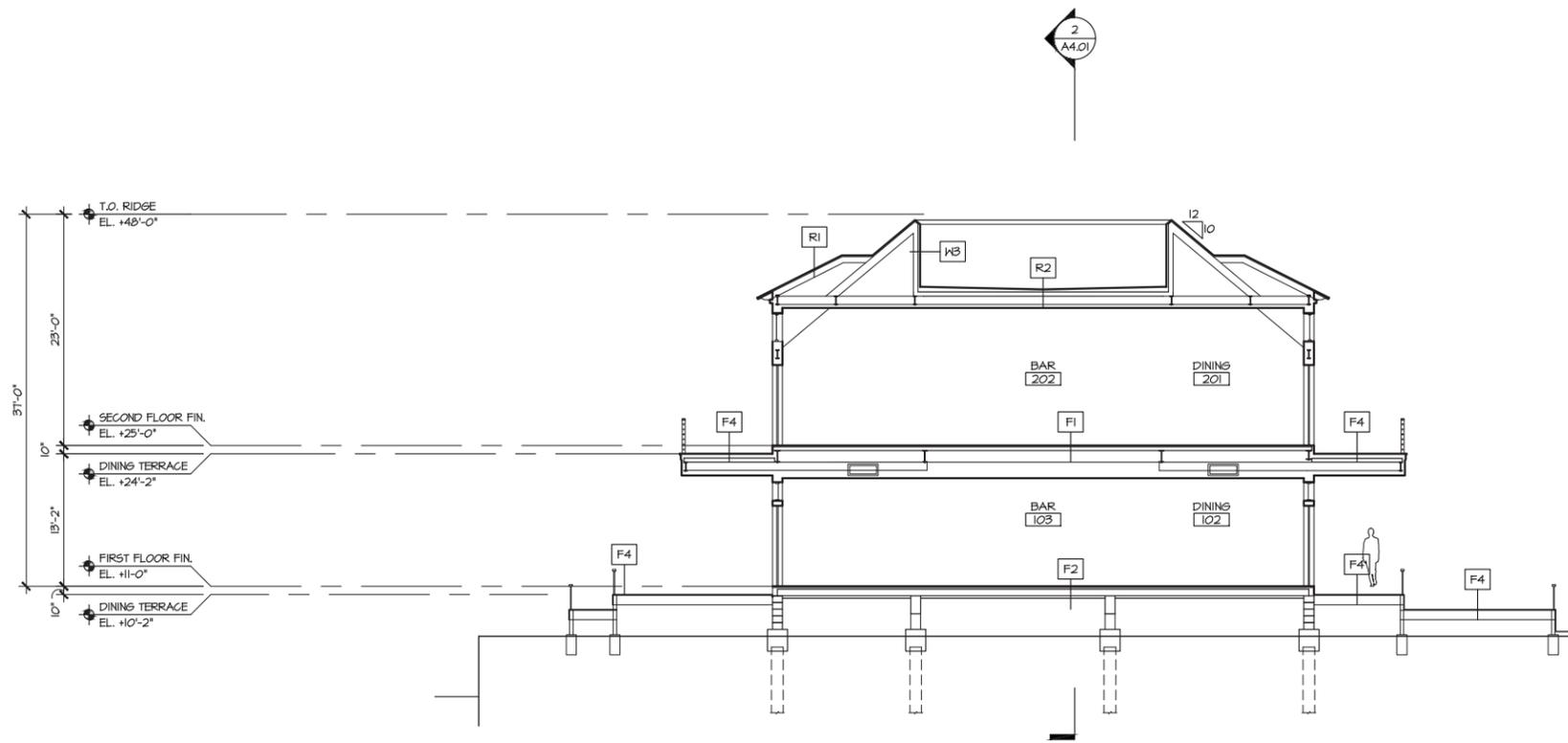
PROJECT #: 16-509
 DRAWN BY: VALIE
 CHECKED BY: JP, RR

DRAWING NO: **A3.04**



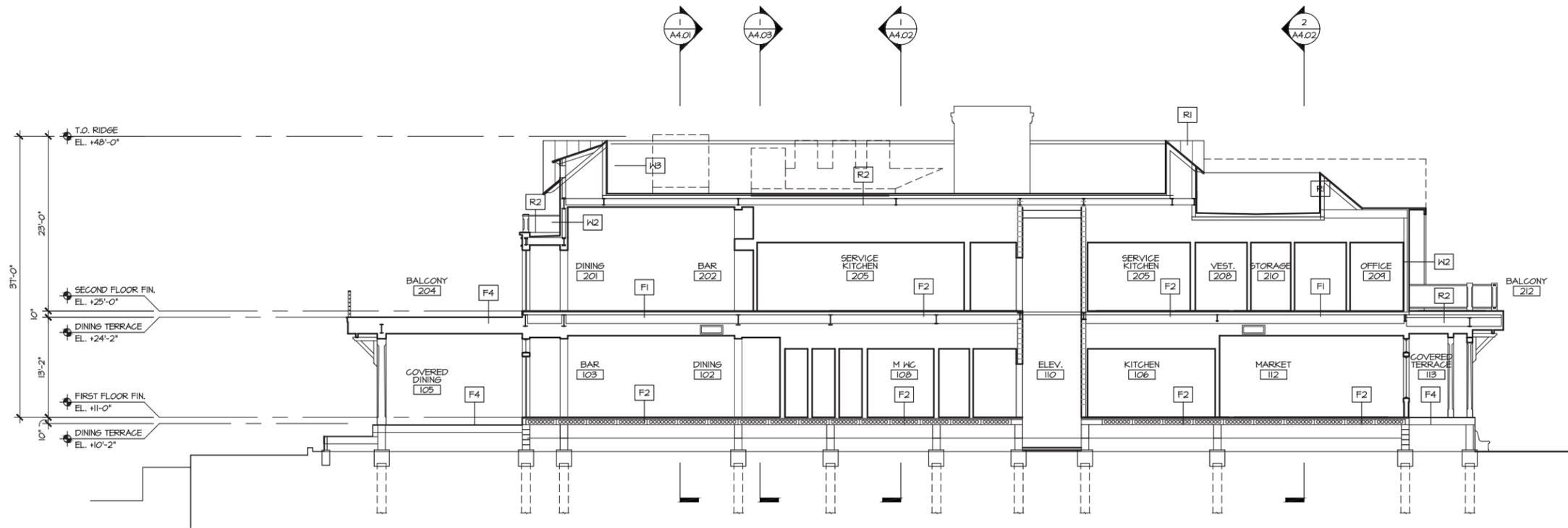
2 WEST ELEVATION

Evan Sale, FA, 2016, 16-509 Quarterdeck Restaurant, 3.0 CAD, Sheeta/A16-509_QD_A3.04.dwg, Page Setup: ---, HHC/CD/ceb, Plot Scale: 1:1, DWG To PDF with Layers, pc3



1 CROSS-SECTION THROUGH DINING

1/8"=1'-0"



2 LONGITUDINAL-SECTION THROUGH DINING

1/8"=1'-0"

ASSEMBLY NOTES

- R1. METAL ROOF**
 - GALVALUM STANDING SEAM ROOF
 - HIGH TENSIF APPROVED UNDERLAYMENT
 - 5/8" CDX PLYWOOD ROOF SHEATHING
 - RAFTERS (S.S.D.) W/ CLOSED CELL SPRAY FOAM INSULATION AND IGNITION BARRIER @ UNDERSIDE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE SCHEDULE
- R2. FLAT ROOF**
 - TPO ROOF MEMBRANE SYSTEM
 - TAPERED RIGID INSULATION, R-XX MIN.
 - CONCRETE ON COMPOSITE METAL DECKING (S.S.D.)
- R3. LAP SIDING EXTERIOR FRAME WALL**
 - PTD. FIBER CEMENT SMOOTH LAP SIDING
 - WATERPROOFING MEMBRANE (FLUID APPLIED WEATHER BARRIER AND RAINSCREEN)
 - 1/2" CDX PLYWOOD SHEATHING
 - 2X WOOD FRAMING (S.S.D.) W/ BATT INSULATION @ INSIDE FACE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE FINISH SCHEDULE
- R4. TABBY EXTERIOR FRAME WALL**
 - FIELD APPLIED TABBY CEMENT STUCCO SYSTEM. BASIS OF DESIGN PER SELECT IMAGES AND EXECUTED VIA FIELD MOCK-UPS
 - WATERPROOFING MEMBRANE (FLUID APPLIED WEATHER BARRIER)
 - 1/2" CDX PLYWOOD SHEATHING
 - 2X WOOD FRAMING (S.S.D.) W/ BATT INSULATION @ INSIDE FACE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE FINISH SCHEDULE
- R5. METAL PANEL EXTERIOR FRAME WALL**
 - FORMED METAL WALL PANEL SYSTEM (SAME FINISH AS METAL ROOFING PANELS)
 - WATERPROOFING MEMBRANE (FLUID APPLIED WEATHER BARRIER)
 - 1/2" CDX PLYWOOD SHEATHING
 - 2X WOOD FRAMING (S.S.D.) W/ CLOSED CELL SPRAY FOAM INSULATION @ INSIDE FACE OF SHEATHING, R-XX MIN.
- F1. WOOD FLOOR ASSEMBLY**
 - ENGINEERED WOOD FLOOR (VARIES); SEE FINISH SCHEDULE
 - 3/4" PLYWOOD SUB-FLOOR
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F2. TILE FLOOR ASSEMBLY**
 - TILE ON MUDSET (VARIES); SEE FINISH SCHEDULE
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F3. CARPET FLOOR ASSEMBLY**
 - CARPET, ON CARPET PAD; SEE FINISH SCHEDULE
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F4. EXTERIOR WOOD DECK ASSEMBLY**
 - IPE DECKING
 - WOOD SLEEPERS
 - HOT APPLIED WATER PROOFING MEMBRANE SYSTEM
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.



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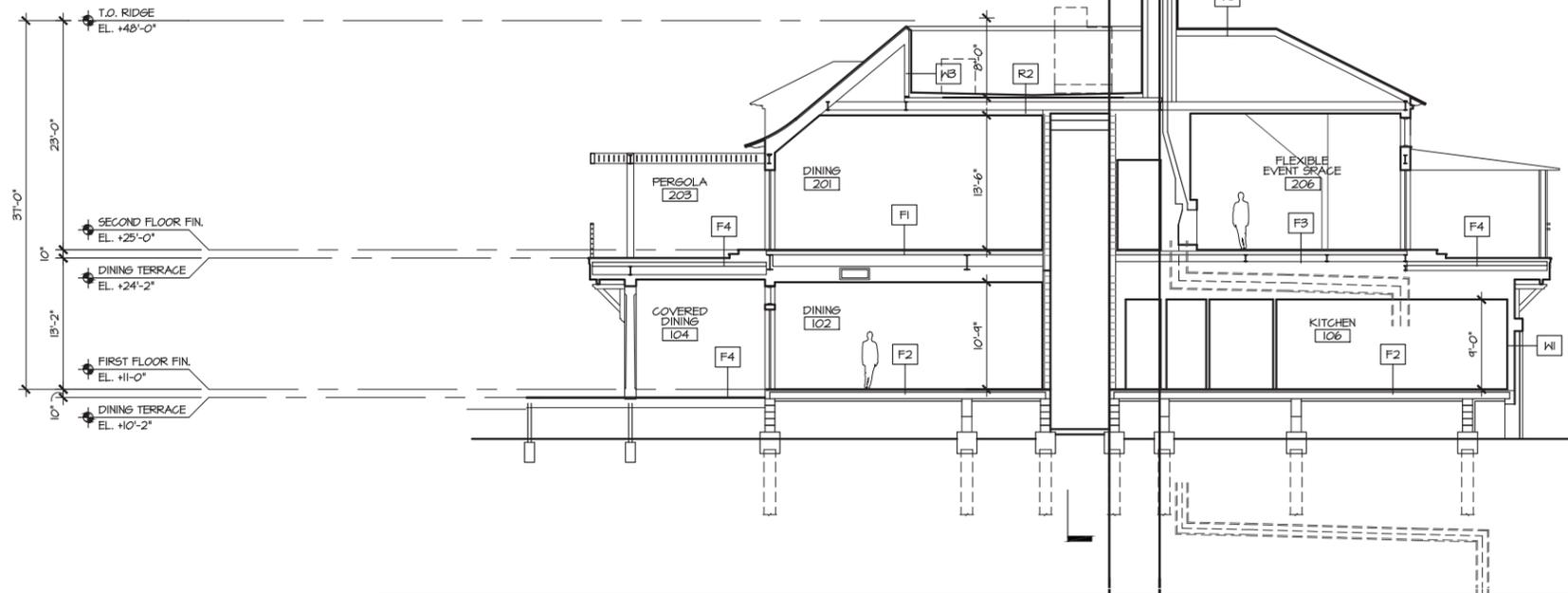
SCALE: AS NOTED
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DATE	ISSUE
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01/22/21	100% DD
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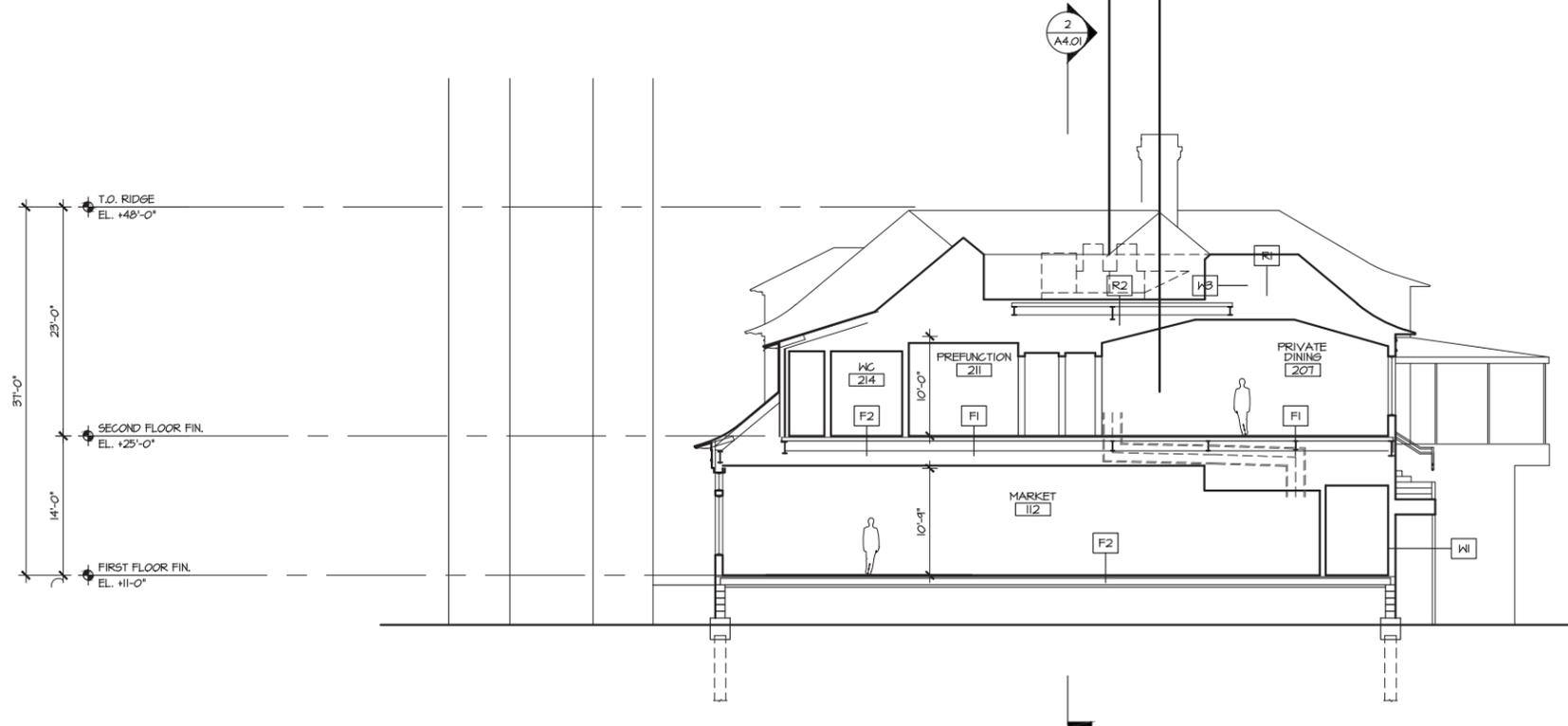
BUILDING SECTIONS
 DRAWING TITLE

PROJECT #: 16-509
 DRAWN BY: [CD]
 CHECKED BY: [P, RR]
 DRAWING NO.: **A4.01**



1 CROSS-SECTION THROUGH EVENT SPACE

1/8"=1'-0"



2 CROSS-SECTION THROUGH PRIVATE DINING ROOM

1/8"=1'-0"

ASSEMBLY NOTES

- R1. METAL ROOF**
 - GALVALUM STANDING SEAM ROOF
 - HIGH TENSILE APPROVED UNDERLAYMENT
 - 5/8" CDX PLYWOOD ROOF SHEATHING
 - RAFTERS (S.S.D.) W/ CLOSED CELL SPRAY FOAM INSULATION AND IGNITION BARRIER @ UNDERSIDE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE SCHEDULE
- R2. FLAT ROOF**
 - TPO ROOF MEMBRANE SYSTEM
 - TAPERED RIGID INSULATION, R-XX MIN.
 - CONCRETE ON COMPOSITE METAL DECKING (S.S.D.)
- W1. LAP SIDING EXTERIOR FRAME WALL**
 - PTD, FIBER CEMENT SMOOTH LAP SIDING
 - WATERPROOFING MEMBRANE (FLUID APPLIED WEATHER BARRIER AND RAINSCREEN)
 - 1/2" CDX PLYWOOD SHEATHING
 - 2X WOOD FRAMING (S.S.D.) W/ BATT INSULATION @ INSIDE FACE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE FINISH SCHEDULE
- K2. TABBY EXTERIOR FRAME WALL**
 - FIELD APPLIED TABBY CEMENT STUCCO SYSTEM. BASIS OF DESIGN PER SELECT IMAGES AND EXECUTED VIA FIELD MOCK-UPS
 - WATERPROOFING MEMBRANE (FLUID APPLIED WEATHER BARRIER)
 - 1/2" CDX PLYWOOD SHEATHING
 - 2X WOOD FRAMING (S.S.D.) W/ BATT INSULATION @ INSIDE FACE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE FINISH SCHEDULE
- K3. METAL PANEL EXTERIOR FRAME WALL**
 - FORMED METAL WALL PANEL SYSTEM (SAME FINISH AS METAL ROOFING PANELS)
 - WATERPROOFING MEMBRANE (FLUID APPLIED WEATHER BARRIER)
 - 1/2" CDX PLYWOOD SHEATHING
 - 2X WOOD FRAMING (S.S.D.) W/ CLOSED CELL SPRAY FOAM INSULATION @ INSIDE FACE OF SHEATHING, R-XX MIN.
- F1. WOOD FLOOR ASSEMBLY**
 - ENGINEERED WOOD FLOOR (VARIES); SEE FINISH SCHEDULE
 - 3/4" PLYWOOD SUB-FLOOR
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F2. TILE FLOOR ASSEMBLY**
 - TILE ON MUDSET (VARIES); SEE FINISH SCHEDULE
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F3. CARPET FLOOR ASSEMBLY**
 - CARPET ON CARPET PAD; SEE FINISH SCHEDULE
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F4. EXTERIOR WOOD DECK ASSEMBLY**
 - IPE DECKING
 - WOOD SLEEPERS
 - HOT APPLIED WATER PROOFING MEMBRANE SYSTEM
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.



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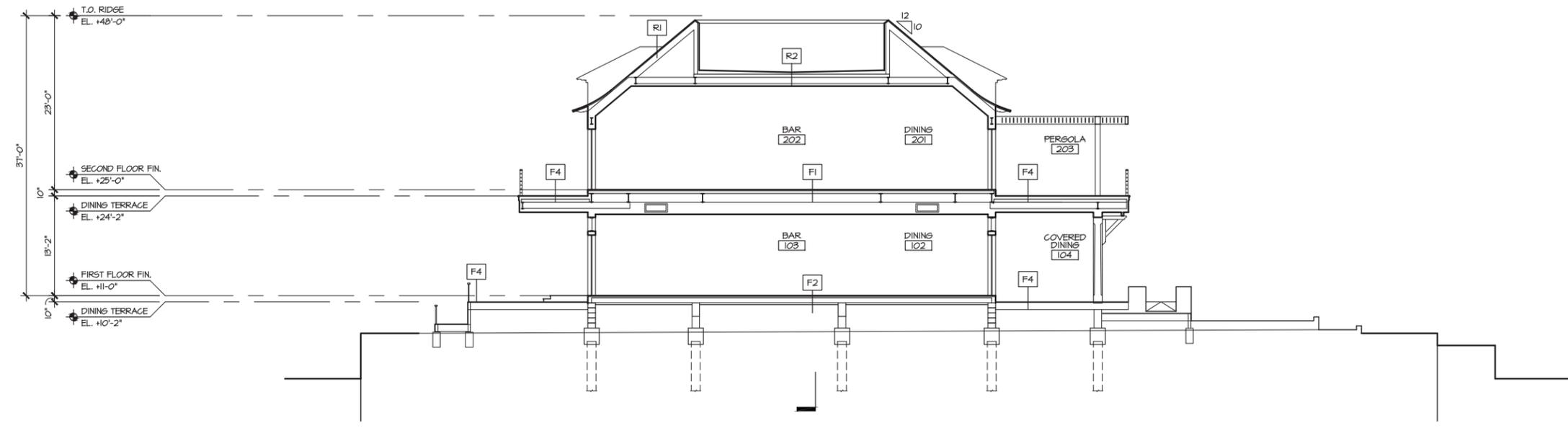
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01/22/21	100% DD
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REVISIONS		
NO.	DATE	ISSUE

DRAWING TITLE
BUILDING SECTIONS

PROJECT #:
16-509
DRAWN BY:
C.D.S.
CHECKED BY:
J.P.R.R.
DRAWING NO:
A4.02

2
A4.03

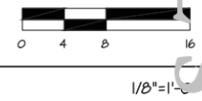


1 CROSS-SECTION THROUGH PERGOLA

2 NOT USED

ASSEMBLY NOTES

- R1. METAL ROOF**
 - GALVALUM STANDING SEAM ROOF
 - HIGH TENSILE APPROVED UNDERLAYMENT
 - 5/8" CDX PLYWOOD ROOF SHEATHING
 - RAFTERS (S.S.D.) W/ CLOSED CELL SPRAY FOAM INSULATION AND IGNITION BARRIER @ UNDERSIDE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE SCHEDULE
- R2. FLAT ROOF**
 - TPO ROOF MEMBRANE SYSTEM
 - TAPERED RIGID INSULATION, R-XX MIN.
 - CONCRETE ON COMPOSITE METAL DECKING (S.S.D.)
- W1. LAP SIDING EXTERIOR FRAME WALL**
 - PTD. FIBER CEMENT SMOOTH LAP SIDING
 - WATERPROOFING MEMBRANE (FLUID APPLIED WEATHER BARRIER AND RAINSCREEN)
 - 1/2" CDX PLYWOOD SHEATHING
 - 2X WOOD FRAMING (S.S.D.) W/ BATT INSULATION @ INSIDE FACE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE FINISH SCHEDULE
- M2. TABBY EXTERIOR FRAME WALL**
 - FIELD APPLIED TABBY CEMENT STUCCO SYSTEM. BASIS OF DESIGN PER SELECT IMAGES AND EXECUTED VIA FIELD MOCK-UPS
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 - 3/4" PLYWOOD SUB-FLOOR
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F2. TILE FLOOR ASSEMBLY**
 - TILE ON MUDSET (VARIES); SEE FINISH SCHEDULE
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F3. CARPET FLOOR ASSEMBLY**
 - CARPET ON CARPET PAD; SEE FINISH SCHEDULE
 - STRUCT. FLOOR SYSTEM VARIES; S.S.D.
- F4. EXTERIOR WOOD DECK ASSEMBLY**
 - IPE DECKING
 - WOOD SLEEPERS
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NO.	DATE	ISSUE

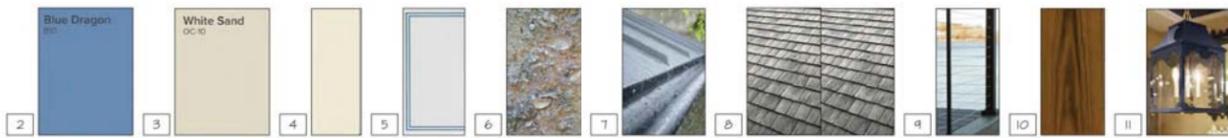
DRAWING TITLE
BUILDING SECTIONS

PROJECT # :
16-509
DRAWN BY :
CDES
CHECKED BY :
JP, RR
DRAWING NO :
A4.03

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1. LIGHTHOUSE PAINT SAMPLES



2. SHUTTER PAINT SAMPLE 3. EXTERIOR PAINT SAMPLE 4. WINDOW AND DOOR COLOR SAMPLE 5. DOUBLE STRIPE AWNING 6. TABBY CEMENT STUCCO 7. STANDING SEAM ZINC METAL ROOF 8a. NEW WOOD SHAKES 8b. WEATHERED WOOD SHAKES OVER TIME 9. CABLE RAIL WITH NATURAL WOOD TOP RAIL 10. STAINED HARDWOOD TOP RAIL 11. EXTERIOR LIGHTING PENDANT FINISH

1 ELEVATION

1/2"=1'-0"



DOOR DESIGN INTENT

PLACE LICENSE
STAMP HERE

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NAME/LOGO HERE

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REVISIONS		
NO	DATE	ISSUE

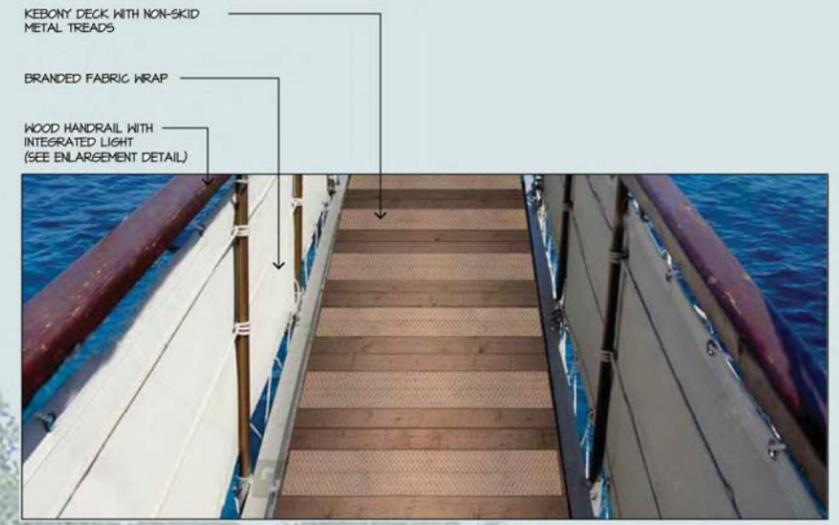
DRAWN TITLE: BUILDING SECTIONS

PROJECT #: 16-509
DRAWN BY: CD
CHECKED BY: JP, RR

DRAWING NO: A4.11

2 ELEVATION

1/2"=1'-0"



GANGWAY DESIGN INTENT

KEBONY DECK WITH NON-SKID
 METAL TREADS
 BRANDED FABRIC WRAP
 WOOD HANDRAIL WITH
 INTEGRATED LIGHT
 (SEE ENLARGEMENT DETAIL)

1 | SITE SECTION

1/2"=1'-0"

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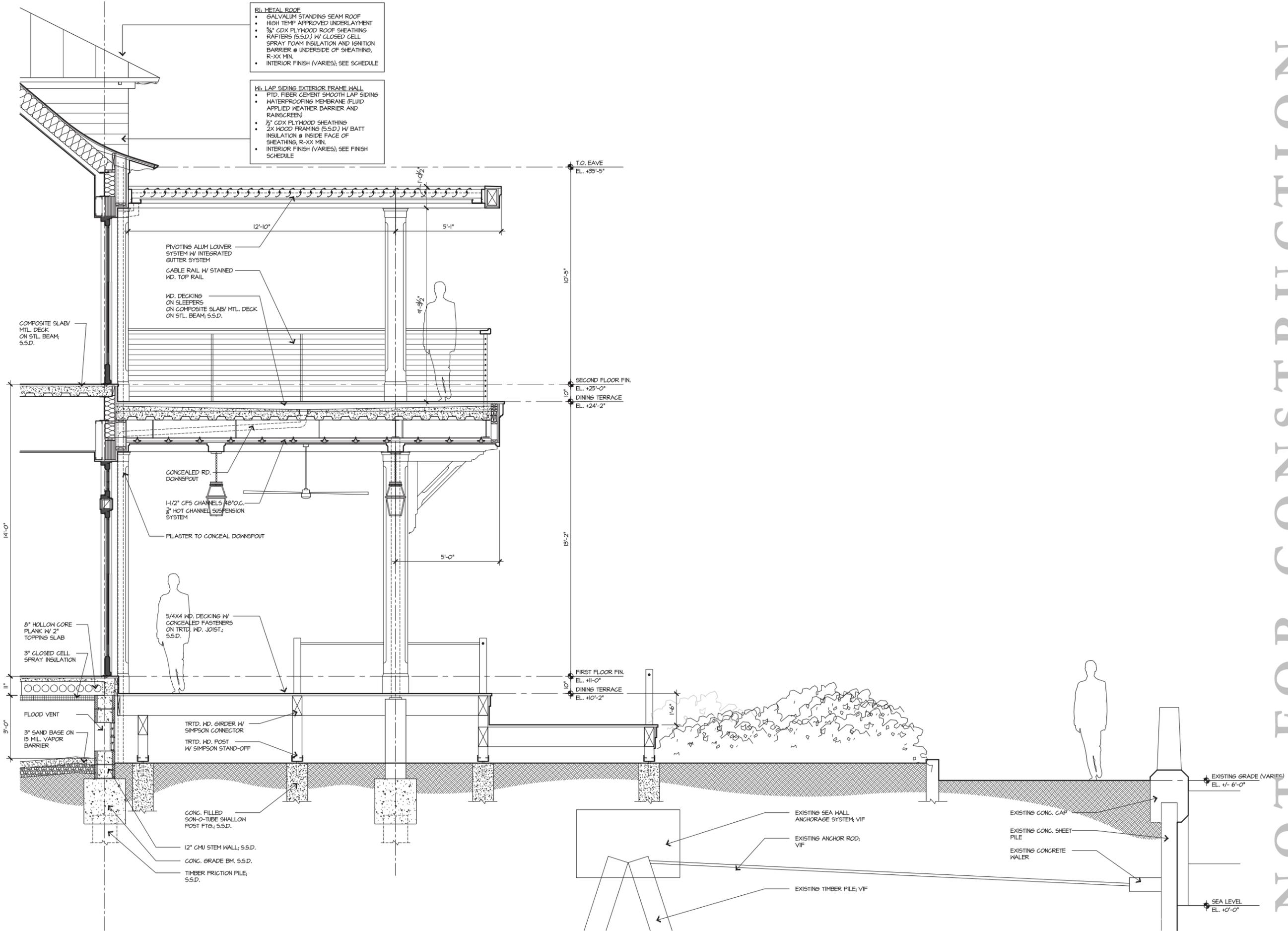
REVISIONS		
NO	DATE	ISSUE

DRAWING TITLE	VALUE
	VALUE
	VALUE

PROJECT #: 16-599
 DRAWN BY: [Name]
 CHECKED BY: JP, RR

DRAWING NO: A4.11B

From Set: 11, 2016, 16-509 Quarterdeck Restaurant, 310 CAD Sheelba (16-509_QD_A4.12.dwg, Page Setup: 11, 11-11-16.dwg, Plot Scale: 1/2"=1'-0", DWG To PDF with Layers, pc3



- R1: METAL ROOF**
- GALVALUM STANDING SEAM ROOF
 - HIGH TEMP APPROVED UNDERLAYMENT
 - 3/8" CDX PLYWOOD ROOF SHEATHING
 - RAFTERS (S.S.D.) W/ CLOSED CELL SPRAY FOAM INSULATION AND IGNITION BARRIER @ UNDERSIDE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE SCHEDULE
- M1: LAP SIDING EXTERIOR FRAME WALL**
- PTD. FIBER CEMENT SMOOTH LAP SIDING
 - WATERPROOFING MEMBRANE (FLUID APPLIED WEATHER BARRIER AND RAINGREEN)
 - 1/2" CDX PLYWOOD SHEATHING
 - 2X WOOD FRAMING (S.S.D.) W/ BATT INSULATION @ INSIDE FACE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES); SEE FINISH SCHEDULE

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REVISIONS

NO.	DATE	ISSUE

WALL SECTIONS
 DRAWING TITLE

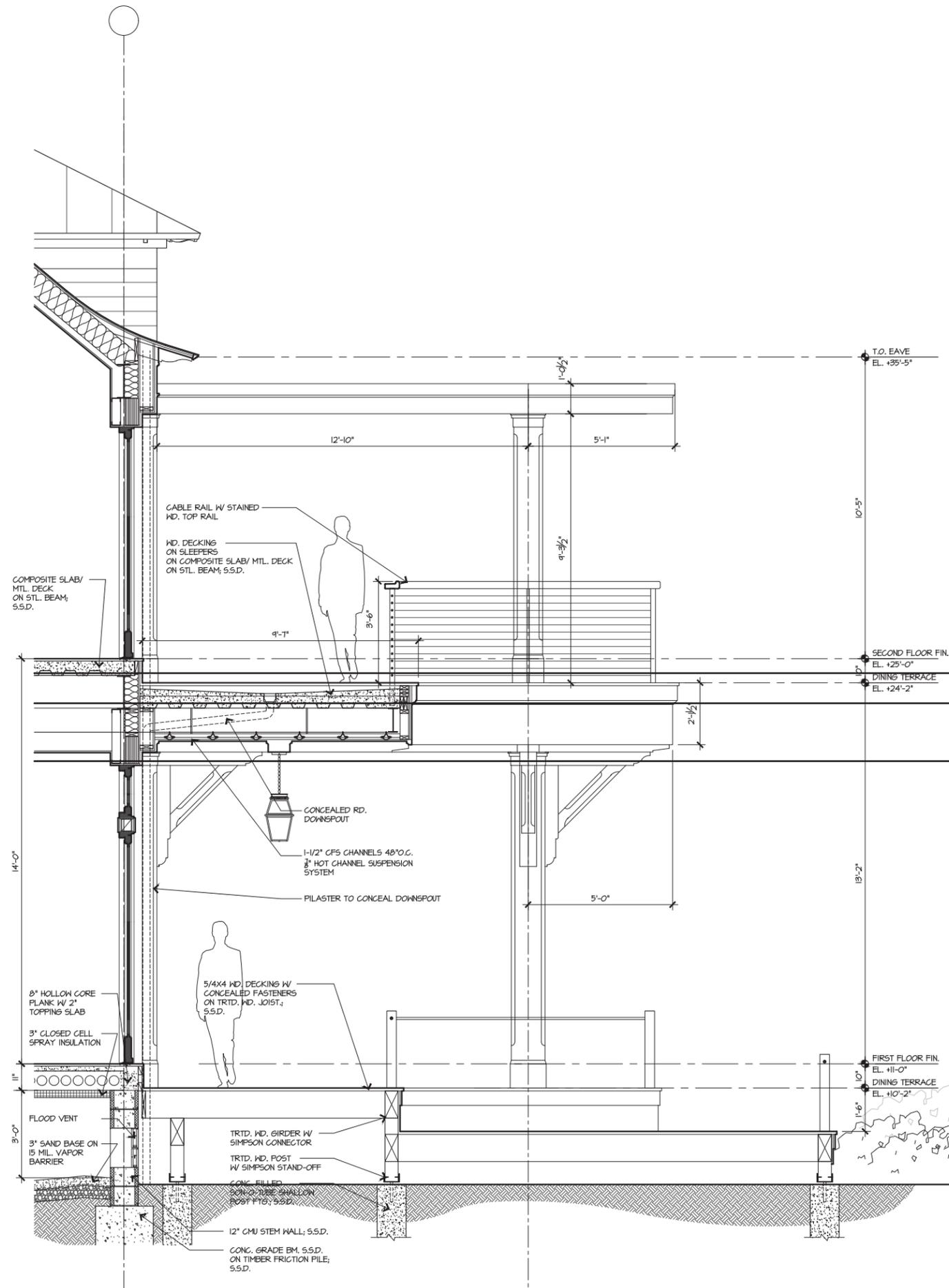
PROJECT #: 16-509
 DRAWN BY: JP
 CHECKED BY: JP, RR

DRAWING NO: **A4.12**

1 | WALL SECTION

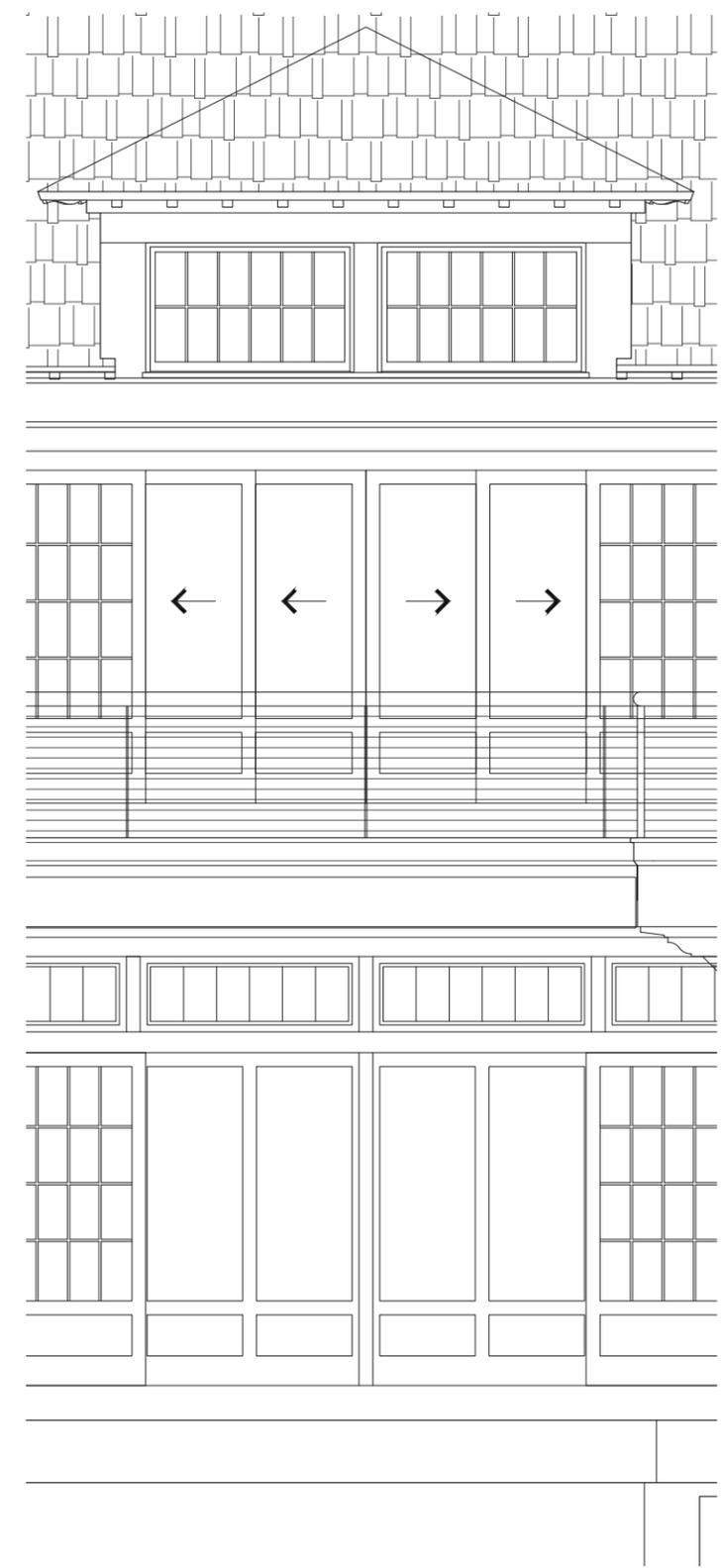
1/2"=1'-0"

Evan Sals, 1/1/2016, 16-509 Quarterdeck Restaurant, 3/0 CAD, Sheeta/16-509_QD_A4.13.dwg, Page Setup: ---, H:\CD\Arch, Plot Scale: 1/2" = 1'-0", DWG To PDF with Layers, jcs



1 WALL SECTION

1/2"=1'-0" 2 ELEVATION



1/2"=1'-0"

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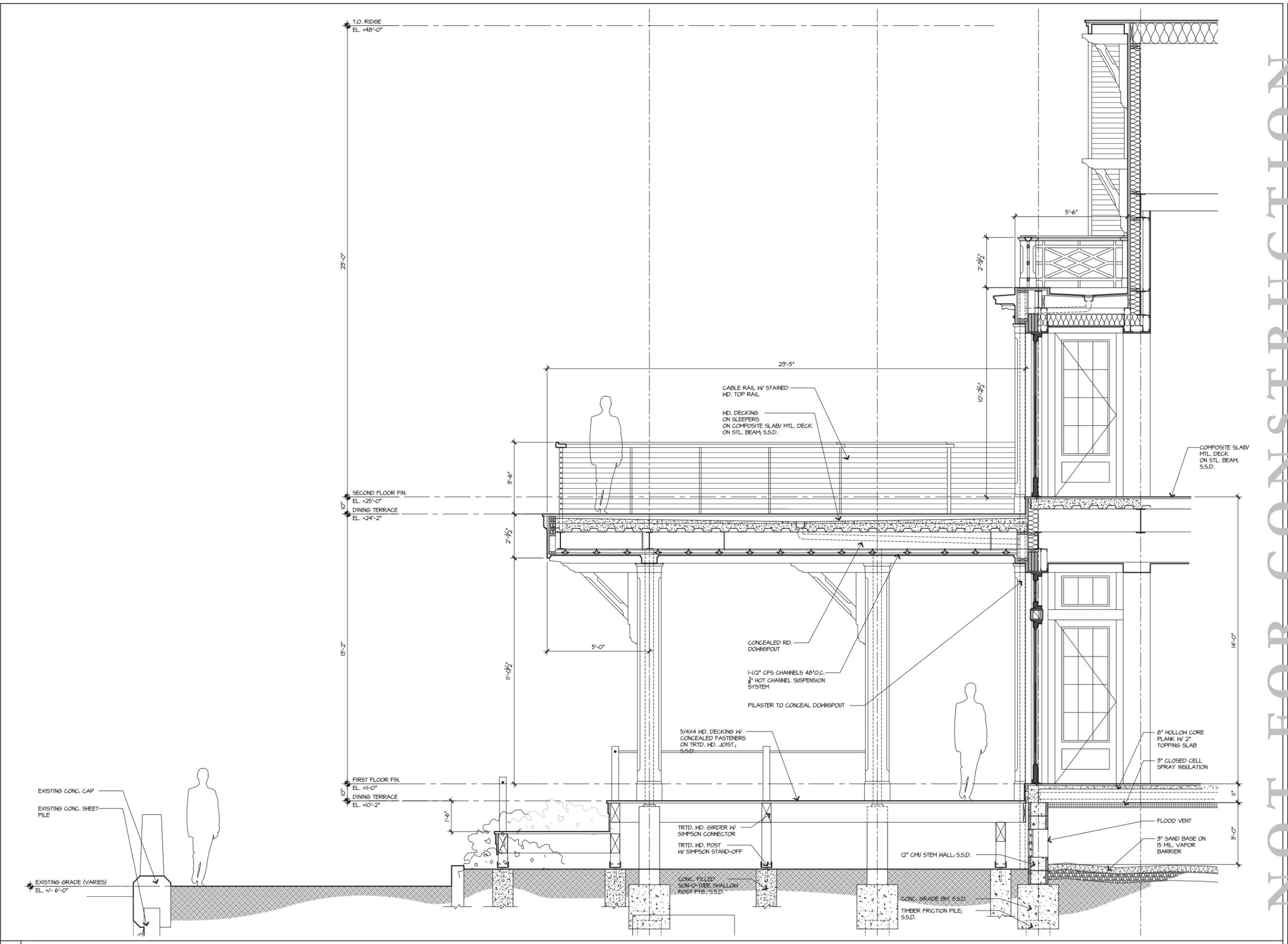
REVISIONS

NO	DATE	ISSUE

DRAWING TITLE
WALL SECTIONS

PROJECT #: 16-509
DRAWN BY:
CHECKED BY: JP, RR
DRAWING NO: A4.13

From Set: 11/2016/16-509 Quarterdeck Restaurant/310 CAD/Sheet/16-509_QD_A4.14.dwg, Page Setup: ---, H:\CD\Arch\16-509_QD_A4.14.dwg, Plot Scale: 1/4" = 1'-0", DWG To PDF with Layers, ps3



1 | WALL SECTION

1/2"=1'-0"

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NO.	DATE	ISSUE

WALL
SECTIONS

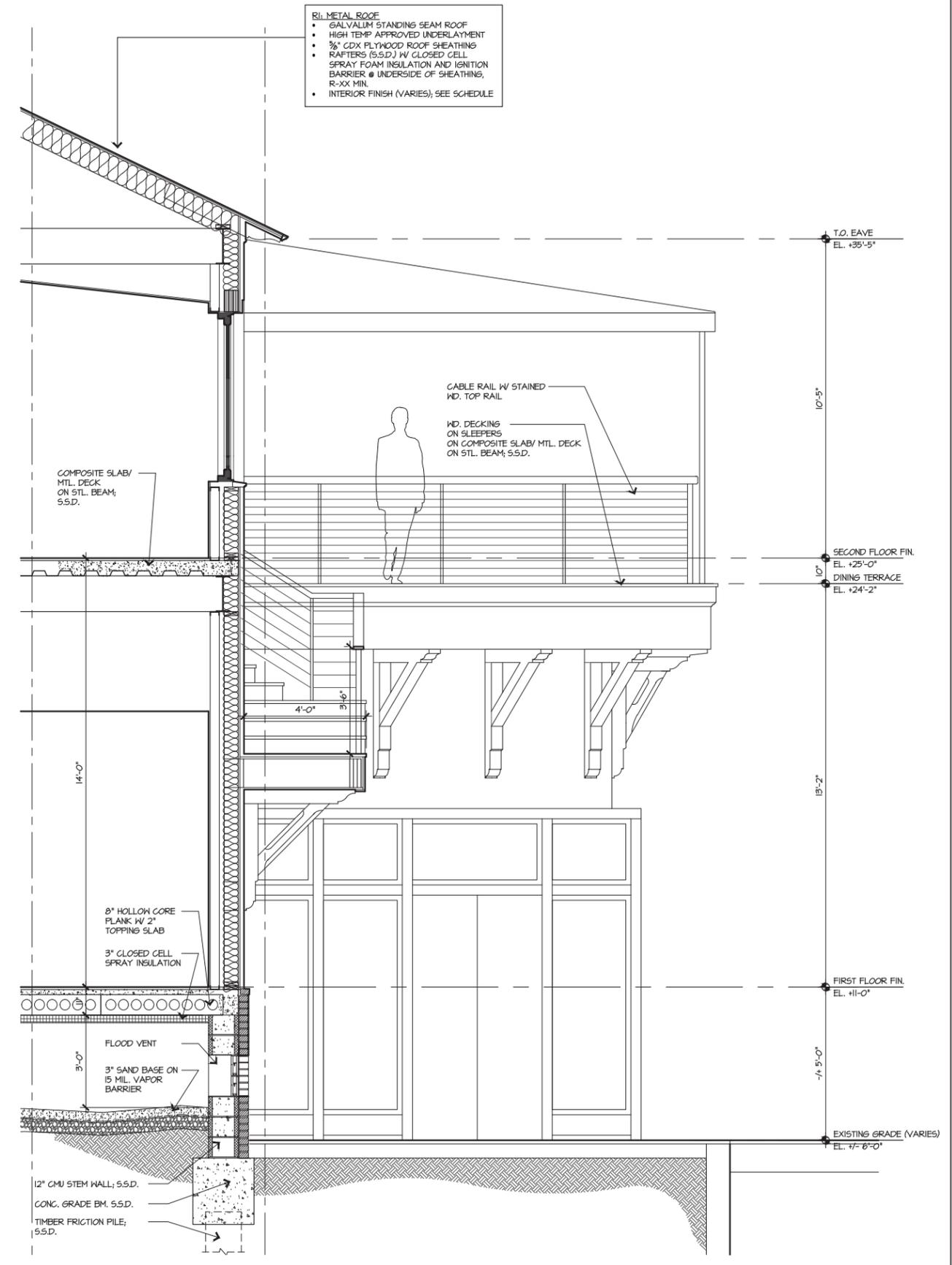
PROJECT #: 16-509

DRAWN BY: JP, RR

CHECKED BY: JP, RR

DRAWING NO: A4.14

Evan Sale, H:\2016\16-509 Quarterdeck Restaurant\30 CAD\Sheets\A4.16.dwg, Plot Scale: 1/2"=1'-0", DWG To PDF with Layers, pc3



- RL METAL ROOF**
- GALVALUM STANDING SEAM ROOF
 - HIGH TEMP APPROVED UNDERLAYMENT
 - 3/8\" CDX FLYWOOD ROOF SHEATHING
 - RAFTERS (S.S.D.) W/ CLOSED CELL SPRAY FOAM INSULATION AND IGNITION BARRIER @ UNDERSIDE OF SHEATHING, R-XX MIN.
 - INTERIOR FINISH (VARIES), SEE SCHEDULE

COMPOSITE SLAB/ MTL. DECK ON STL. BEAM, S.S.D.

CABLE RAIL W/ STAINED WD. TOP RAIL

WD. DECKING ON SLEEPERS ON COMPOSITE SLAB/ MTL. DECK ON STL. BEAM, S.S.D.

8\" HOLLOW CORE PLANK W/ 2\" TOPPING SLAB

3\" CLOSED CELL SPRAY INSULATION

FLOOD VENT

3\" SAND BASE ON 15 MIL. VAPOR BARRIER

12\" CMU STEM WALL, S.S.D.

CONC. GRADE BM, S.S.D.

TIMBER FRICTION PILE, S.S.D.

T.O. EAVE EL. +35'-5"

10'-5"

SECOND FLOOR FIN. EL. +25'-0"

DINING TERRACE EL. +24'-2"

10'

13'-2"

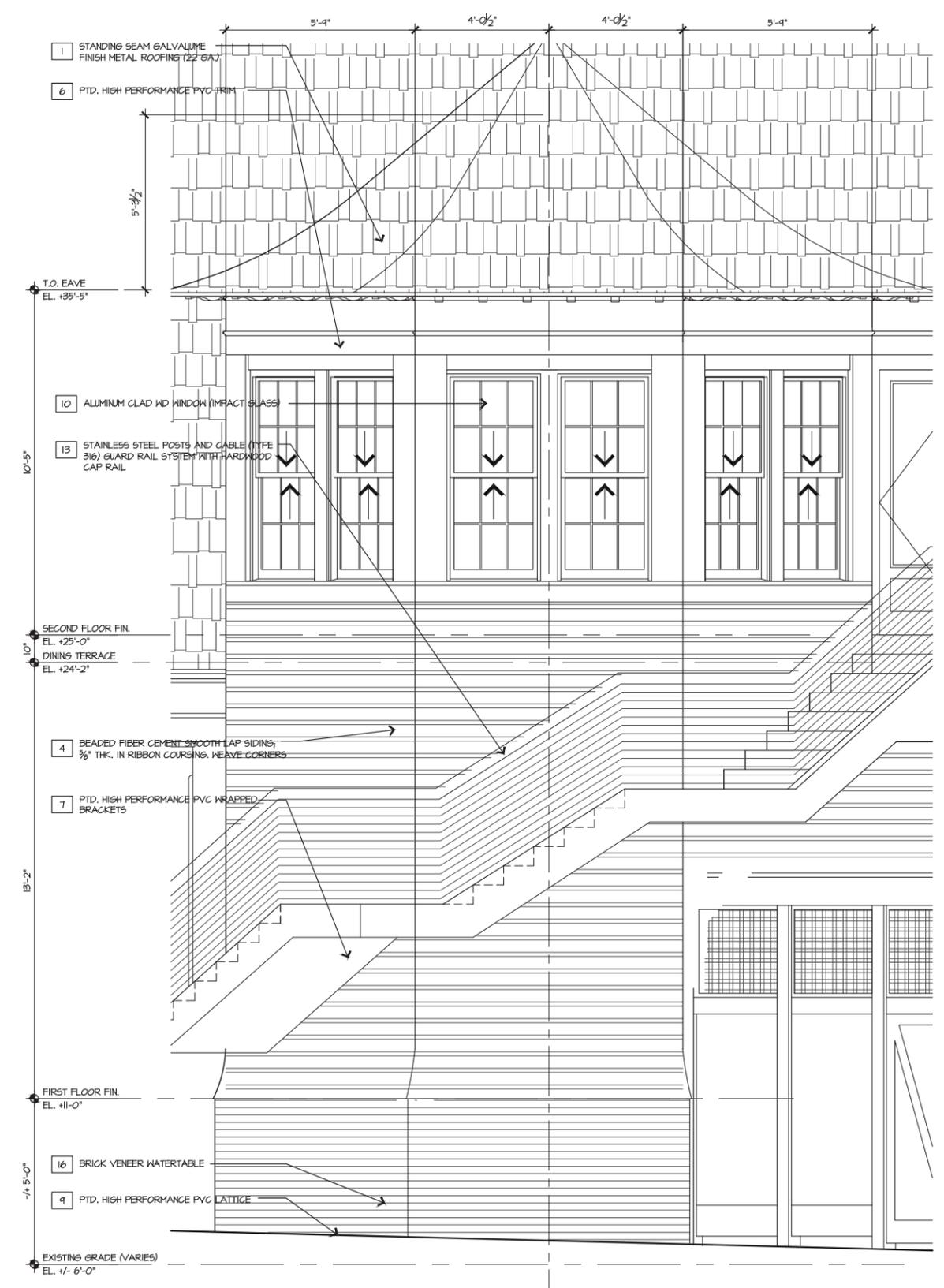
FIRST FLOOR FIN. EL. +1'-0"

-7'-5'-0"

EXISTING GRADE (VARIES) EL. +/- 6'-0"

1 WALL SECTION

1/2"=1'-0"



- 1 STANDING SEAM GALVALUME FINISH METAL ROOFING (22 GA.)
- 6 PTD. HIGH PERFORMANCE PVC TRIM

- 10 ALUMINUM CLAD WD WINDOW IMPACT GLASS
- 13 STAINLESS STEEL POSTS AND CABLE (TYPE 316) GUARD RAIL SYSTEM WITH HARDWOOD CAP RAIL

- 4 BEADED FIBER CEMENT SMOOTH LAP SIDING; 3/8\" THK. IN RIBBON COURSING, WEAVE CORNERS
- 7 PTD. HIGH PERFORMANCE PVC WRAPPED BRACKETS

- 16 BRICK VENEER WATERTABLE
- 9 PTD. HIGH PERFORMANCE PVC LATTICE

5'-4"

4'-0 1/2"

4'-0 1/2"

5'-4"

5'-3 1/2"

T.O. EAVE EL. +35'-5"

10'-5"

SECOND FLOOR FIN. EL. +25'-0"

DINING TERRACE EL. +24'-2"

10'

13'-2"

FIRST FLOOR FIN. EL. +1'-0"

-7'-5'-0"

EXISTING GRADE (VARIES) EL. +/- 6'-0"

2 ELEVATION

1/2"=1'-0"

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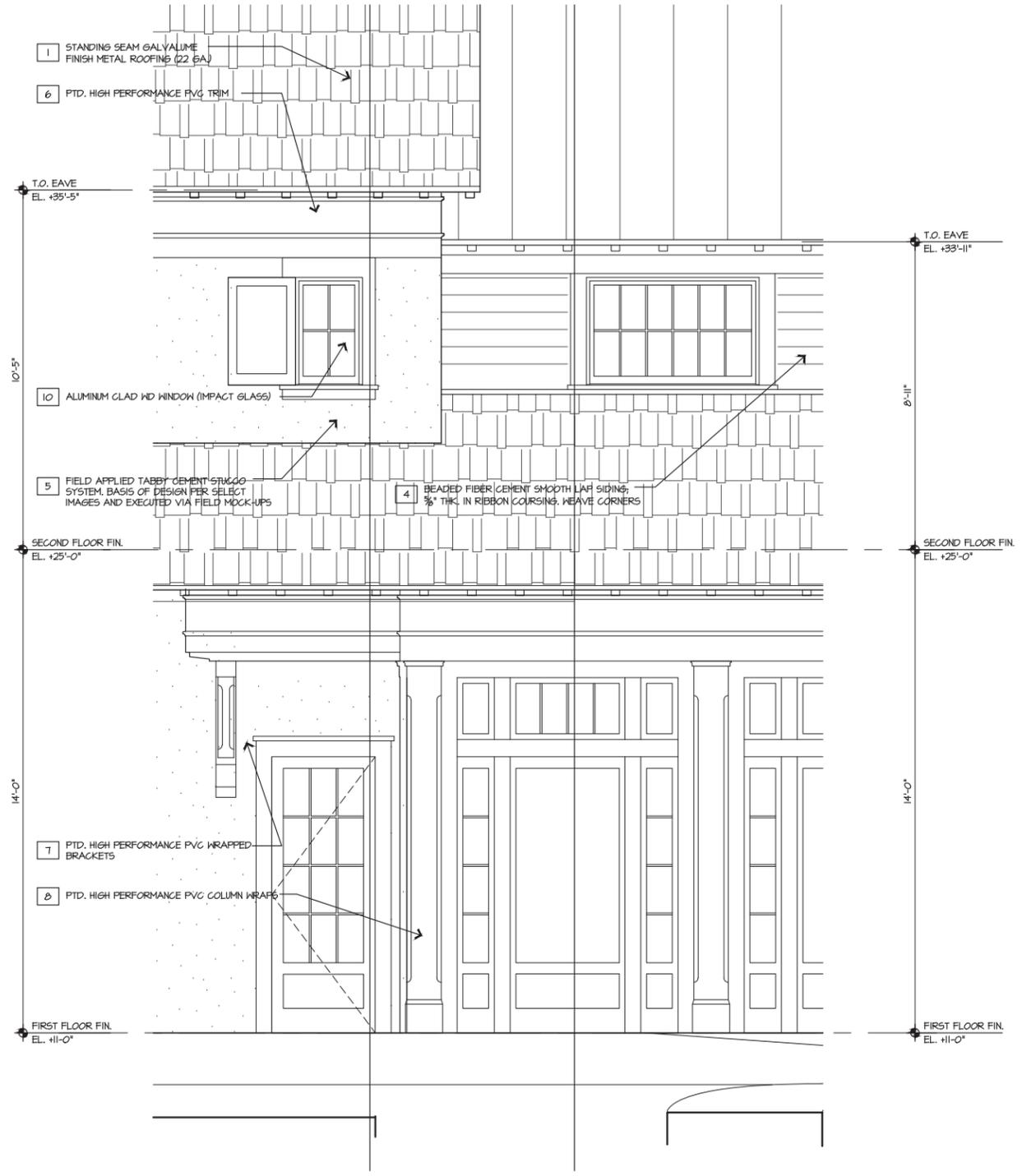
DATE	ISSUE
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01/22/21	100% DD

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 DRAWN BY: J.P. RR
 CHECKED BY: J.P. RR
 DRAWING NO: **A4.16**

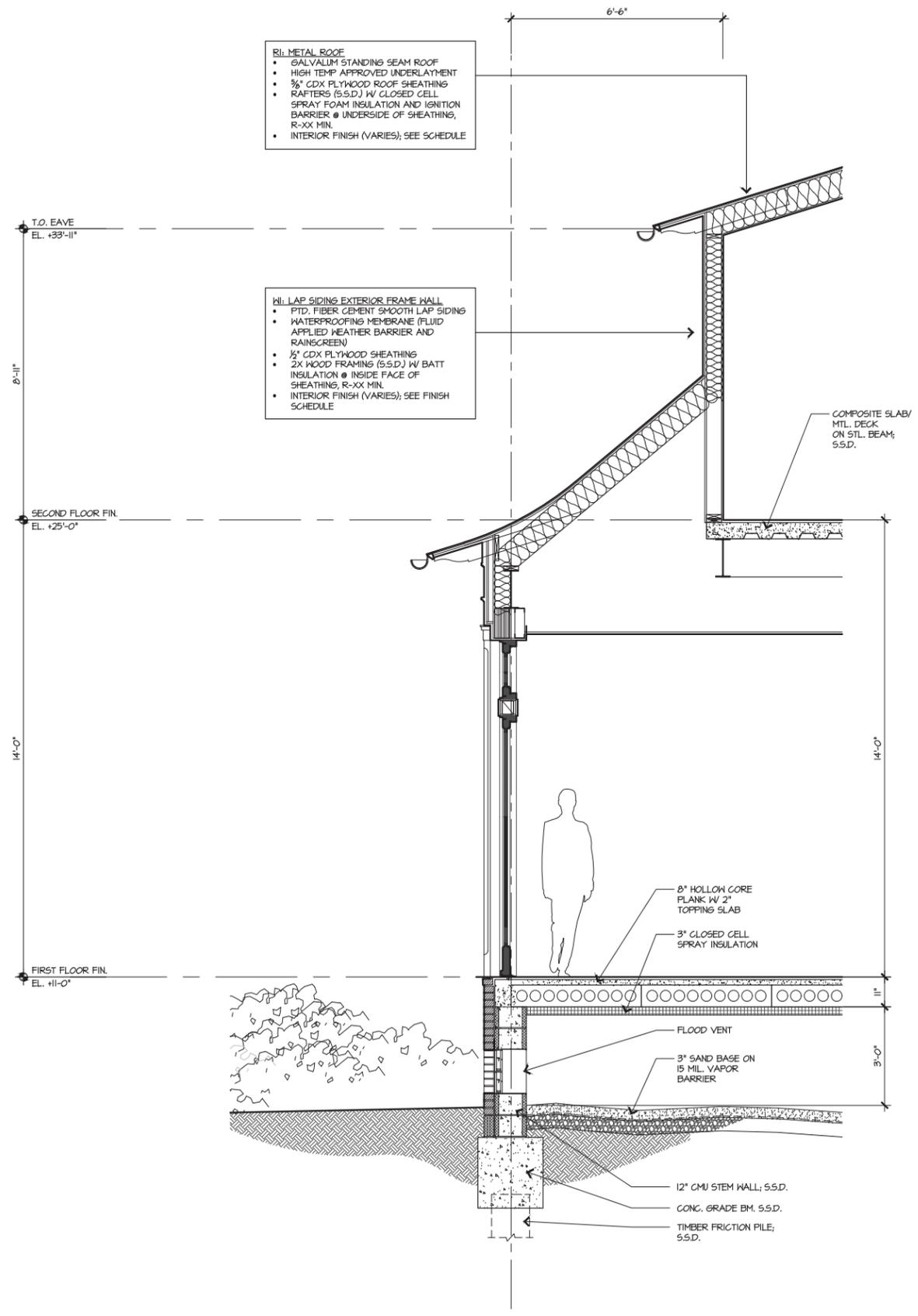
WALL SECTIONS

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1 WALL SECTION

1/2"=1'-0"



2 ELEVATION

1/2"=1'-0"

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DATE	ISSUE
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01/22/21	100% DD

REVISIONS

NO	DATE	ISSUE

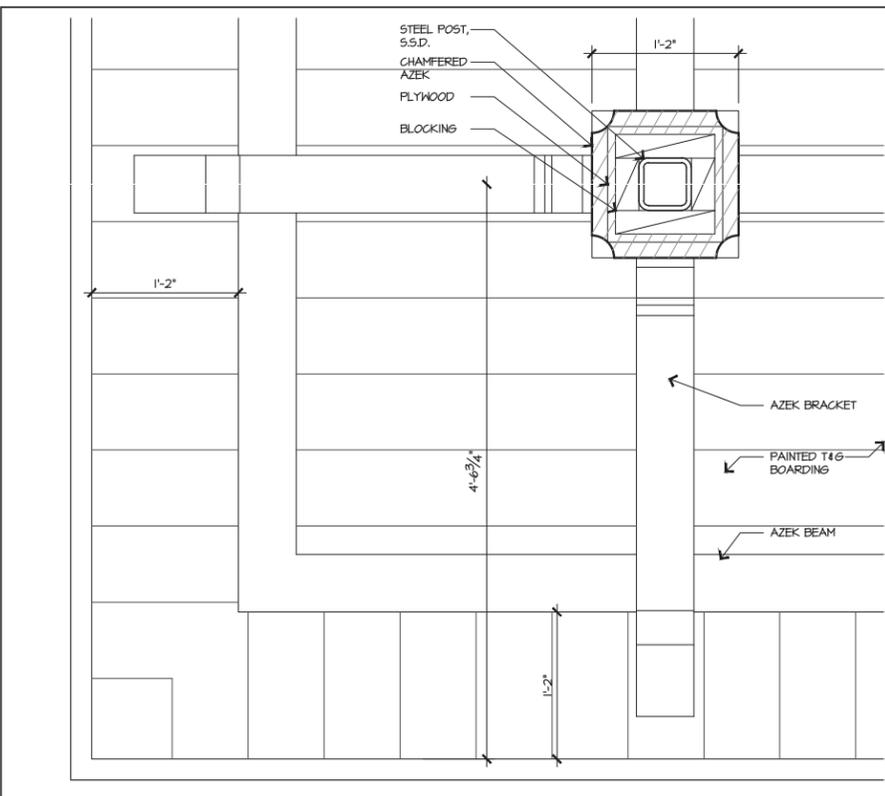
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DRAWING TITLE
WALL SECTIONS

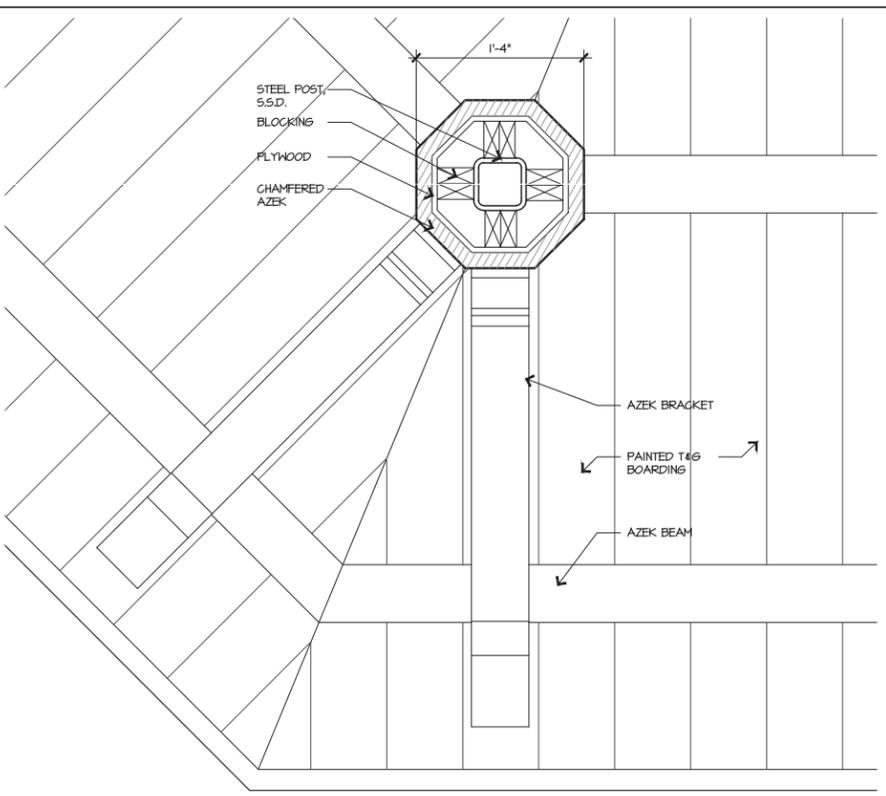
PROJECT #: 16-509
DRAWN BY:
CHECKED BY: JP, RR

DRAWING NO:
A4.18

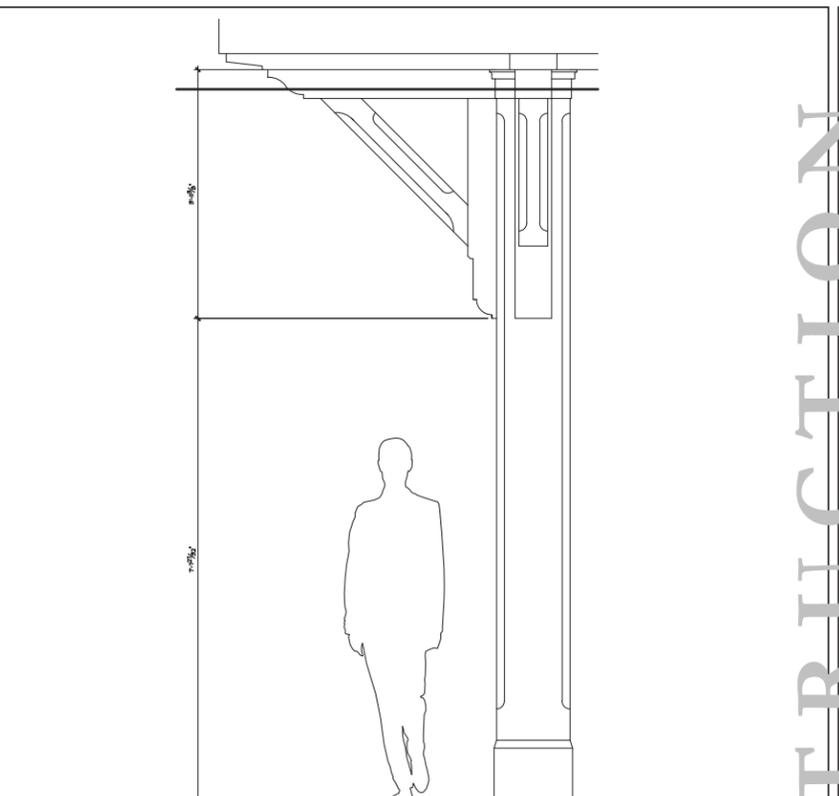
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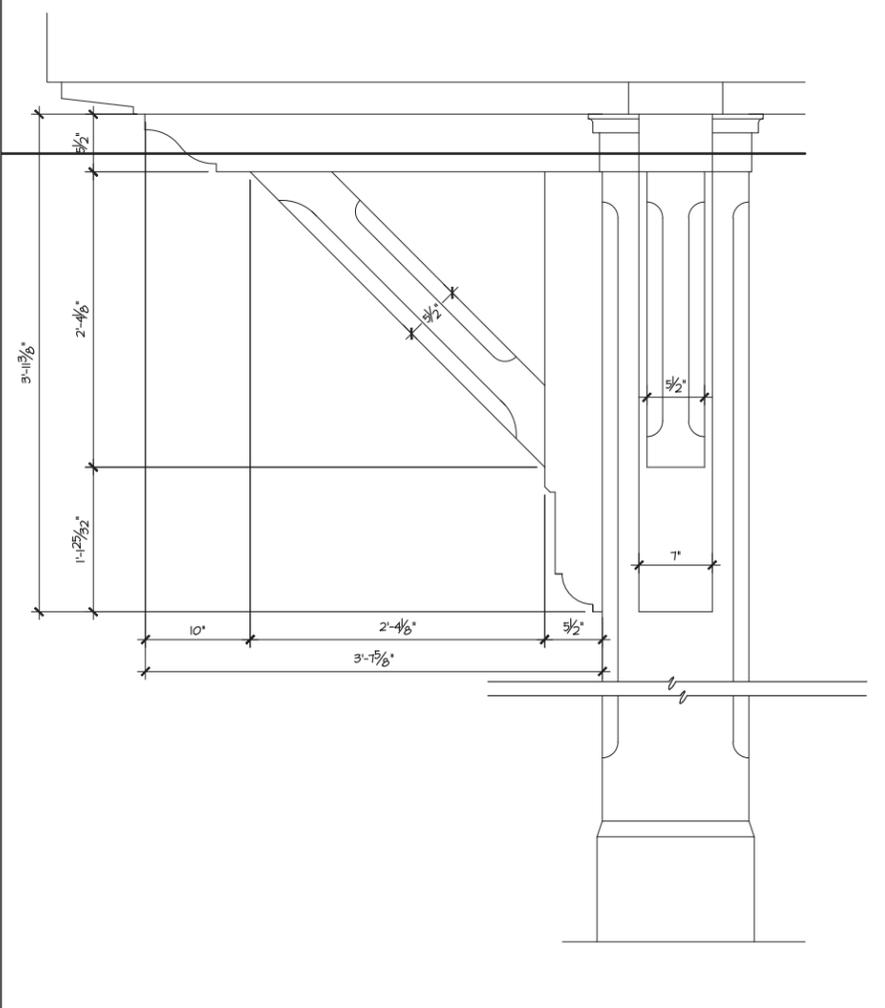
1 SQUARE COLUMN AND BRACKET RCP 1 1/2"=1'-0"



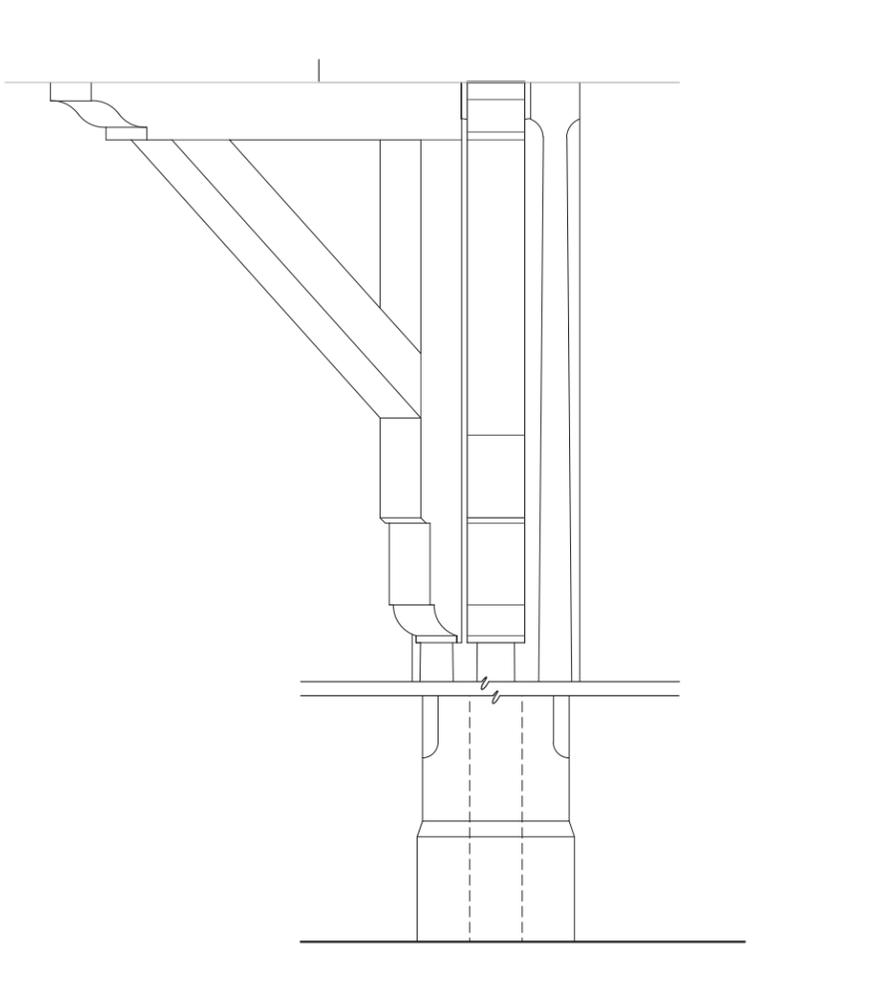
3 OCTAGONAL COLUMN RCP 1 1/2"=1'-0"



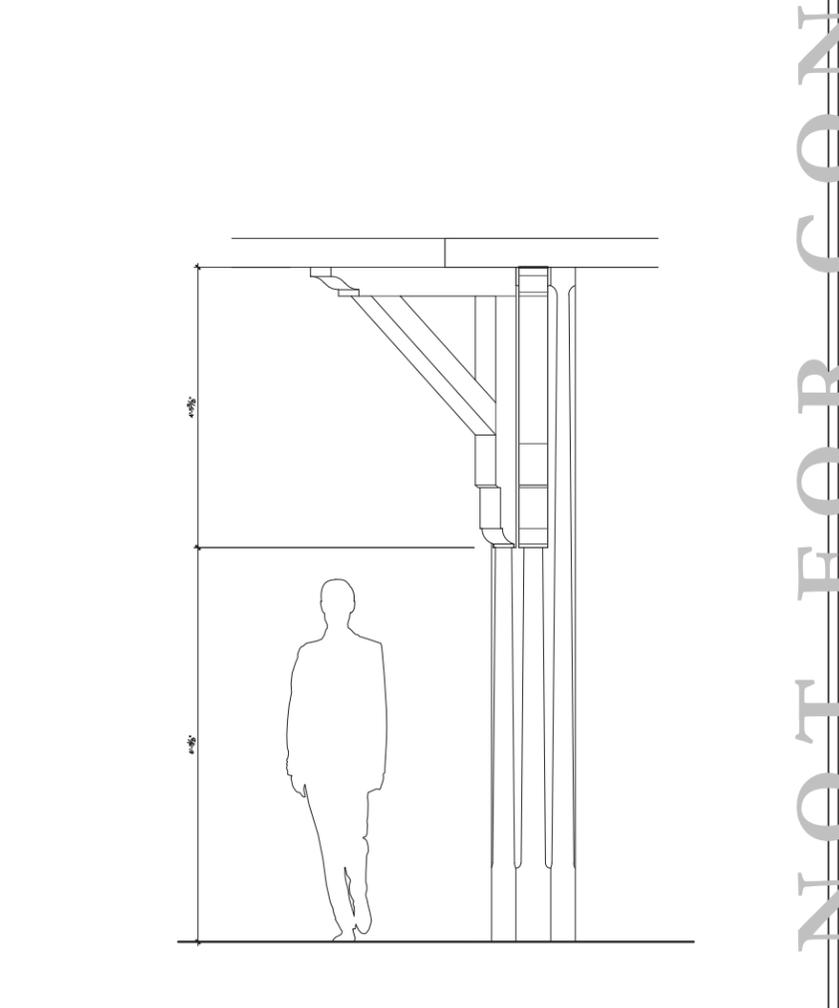
5 SQUARE COLUMN AND BRACKET ELEVATION 3/4"=1'-0"



2 SQUARE COLUMN AND BRACKET ELEVATION 1 1/2"=1'-0"



4 OCTAGONAL COLUMN AT GOLF PORCH ELEVATION 1 1/2"=1'-0"



6 OCTAGONAL COLUMN AT GOLD PORCH ELEVATION 3/4"=1'-0"

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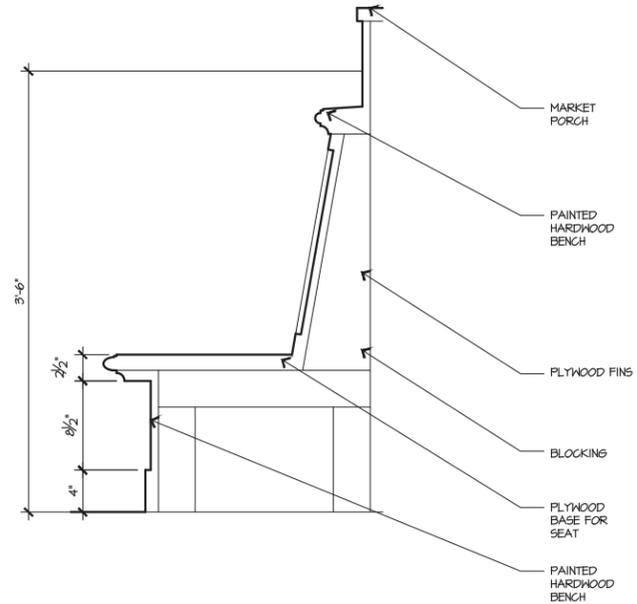
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REVISIONS		
NO	DATE	ISSUE

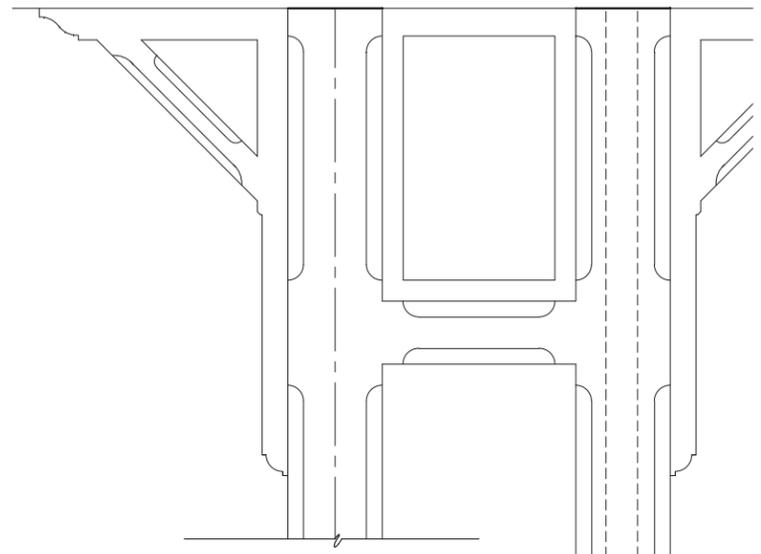
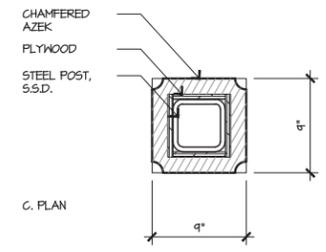
DRAWING TITLE:
EXTERIOR DETAILS

PROJECT #:
16-509
DRAWN BY:
JR, IK, CD
CHECKED BY:
JP, RR

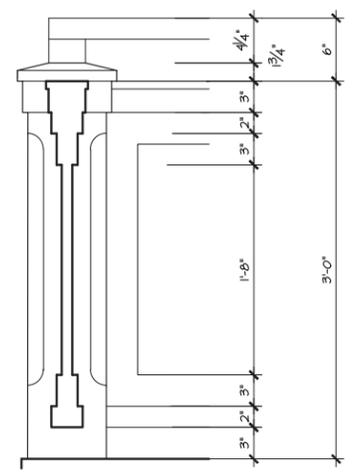
DRAWING NO:
A4.31



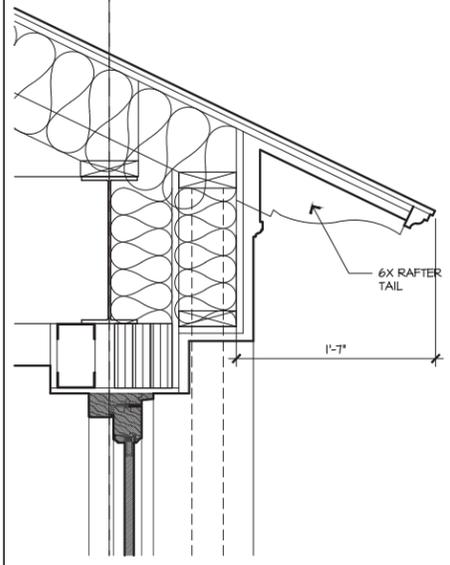
1 BENCH AT BOARDWALK AT MARKET 1 1/2"=1'-0"



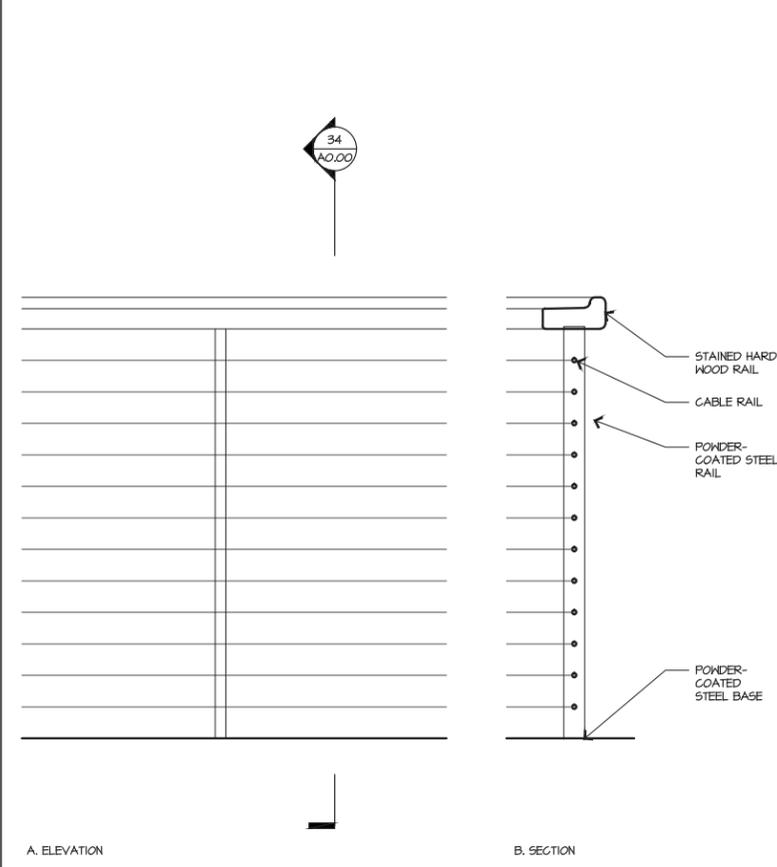
3 LOWER MARKET TERRACE RAIL 1 1/2"=1'-0"



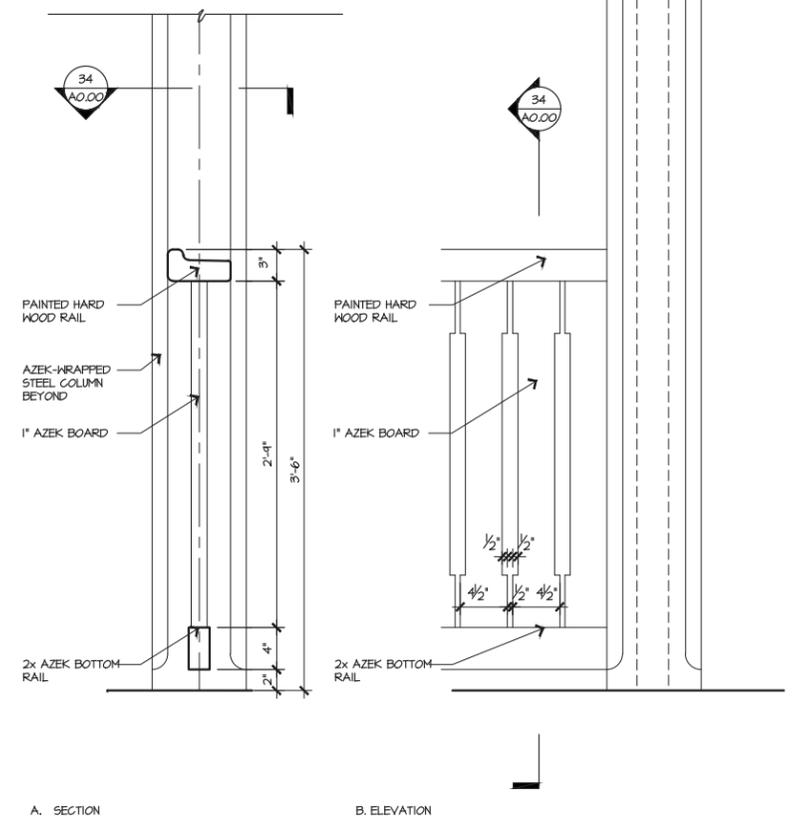
4 UPPER MARKET PANEL RAIL 1 1/2"=1'-0"



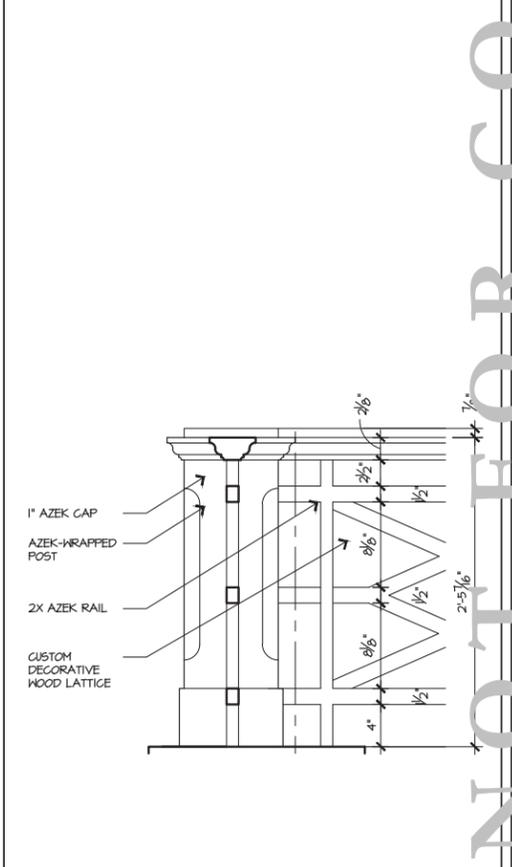
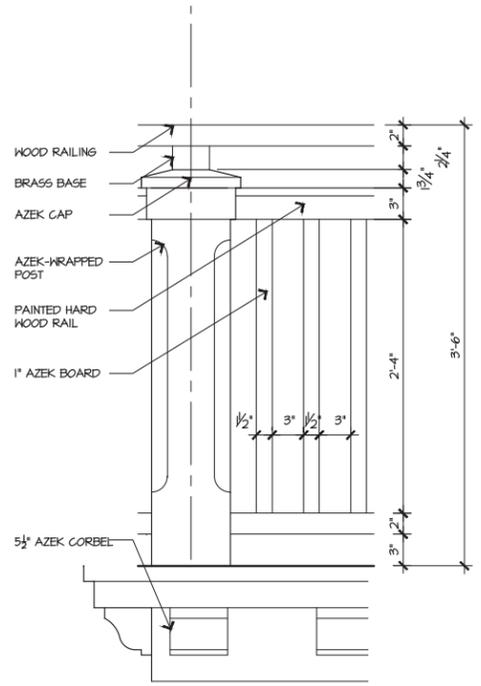
6 TYPICAL EAVE 1 1/2"=1'-0"



2 SECOND FLOOR TERRACES CABLE RAIL 1 1/2"=1'-0"



5 UPPER MARKET TERRACE RAIL 1 1/2"=1'-0"



7 DECOR. RAIL ON GOLF ELEV. 1 1/2"=1'-0"

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DATE	ISSUE
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01/22/21	100% DD
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REVISIONS		
NO.	DATE	ISSUE

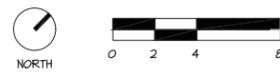
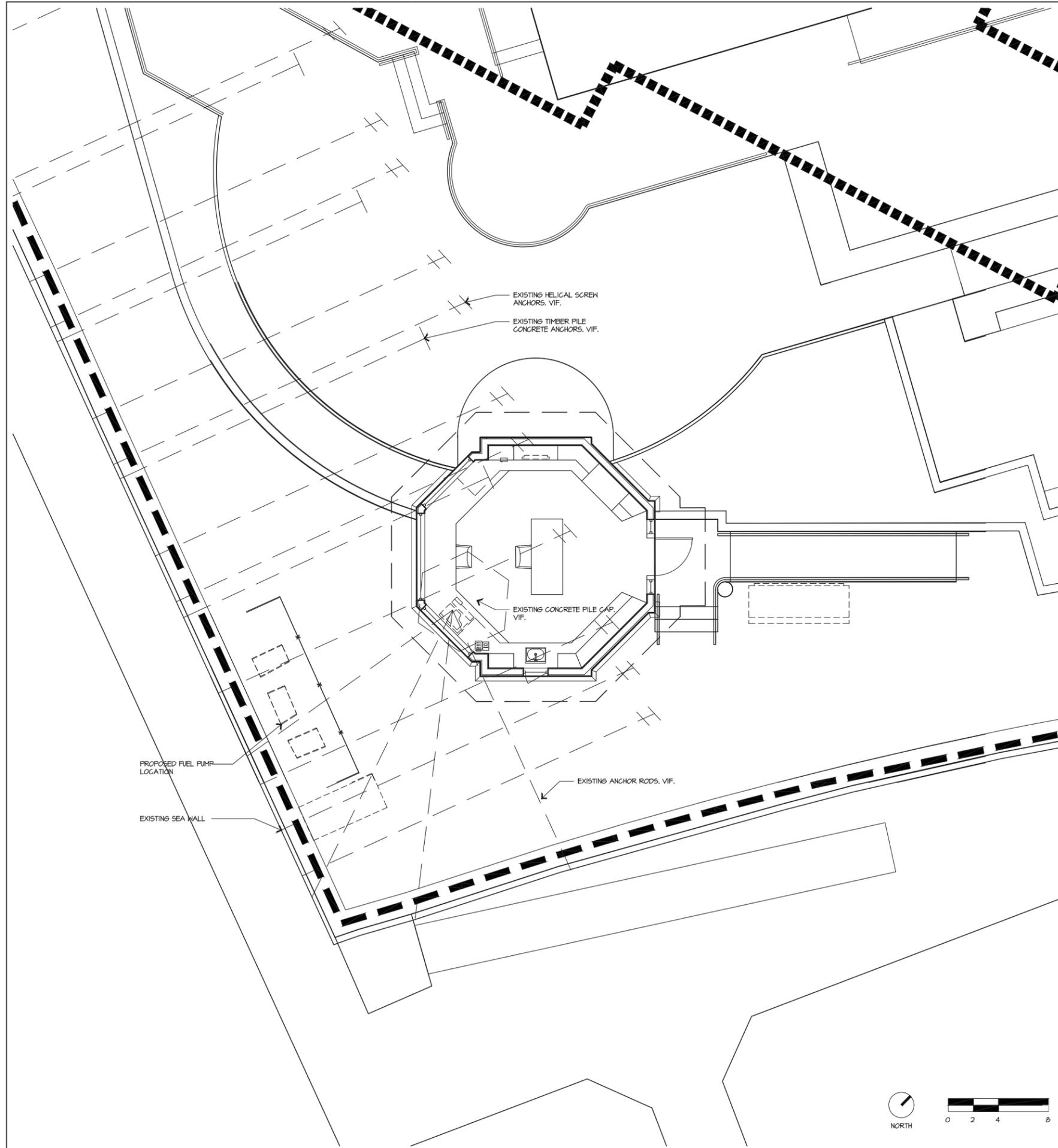
EXTERIOR
DETAILS

PROJECT #: 16-509
DRAWN BY: JK, CD
CHECKED BY: JP, RR

DRAWING NO.: A4.32

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1/4"=1'-0"

1 HARBOUR MASTER CONTEXT PLAN

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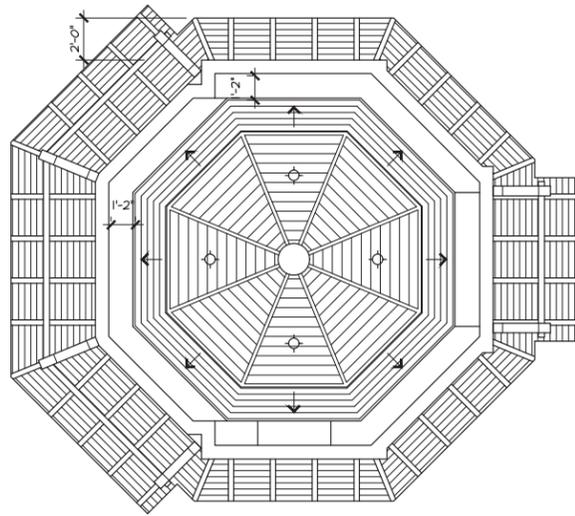
DATE	ISSUE
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REVISIONS	
NO	DATE

DRAWING TITLE
**HARBOUR MASTER
 CONTEXT PLAN**

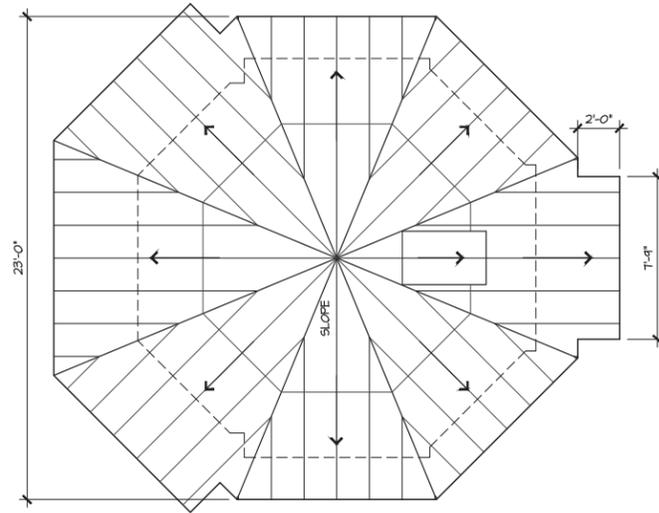
PROJECT #:
 16-509
 DRAWN BY:
 VALUE
 CHECKED BY:
 JP, RR

DRAWING NO:
HM A2.00



RCP MATERIAL LEGEND

-  GYPSUM CEILING - PAINTED
-  PAINTED PINEWOOD BEADBOARD - 3/2" WIDE
-  STAINED T&G PINEWOOD BOARDS - 5" WIDE

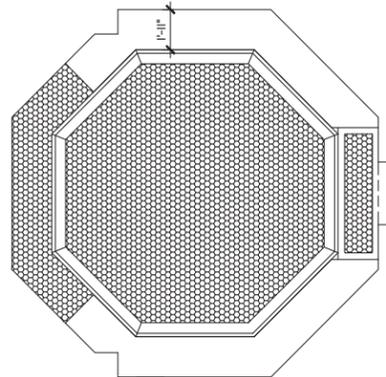


1 HARBOUR MASTER REFLECTED CEILING PLAN

1/4"=1'-0"

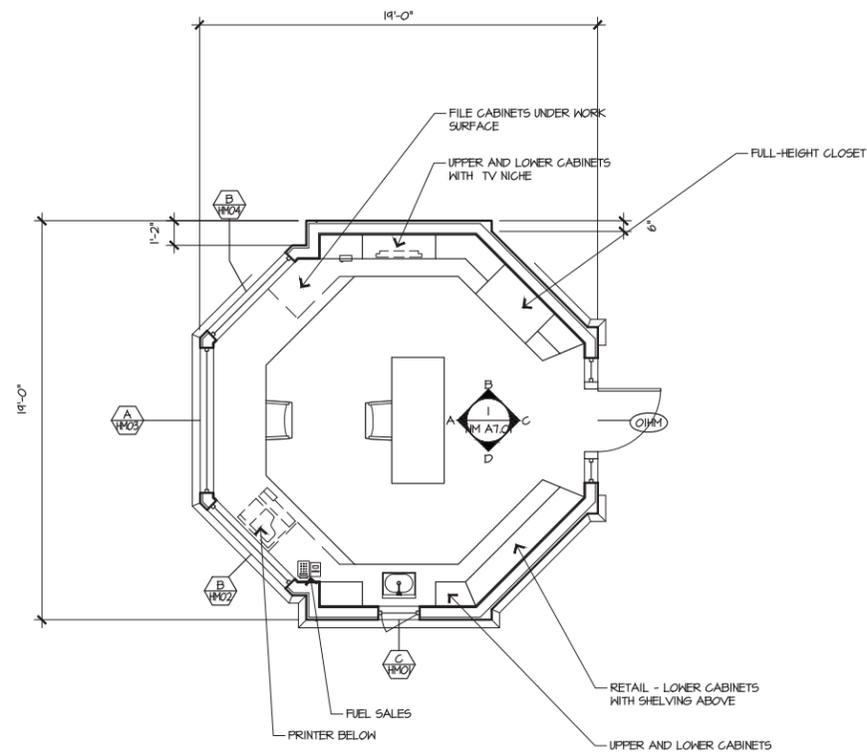
2 HARBOUR MASTER ROOF PLAN

1/4"=1'-0"



FLOOR FINISH LEGEND

-  PORCELAIN PENNY ROUND MOSAIC TILE - 1" X 1" (12" X 12" SHEET)
-  CEMENT TILE - 8" X 8" X 3/8"



3 HARBOUR MASTER FLOOR FINISH PLAN

1/4"=1'-0"

4 HARBOUR MASTER FIRST FLOOR PLAN

1/4"=1'-0"

Evan Sule, IFA, 2016, 16-509 Quarterdeck Restaurant\30\CAD\Sheets\16-509_QD_1M_A2.01.dwg, Page Setup: ..., I:\CD\eth, Plot Scale: 1/4"=1'-0", DWG To PDF with Layers.pcs

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DATE	ISSUE
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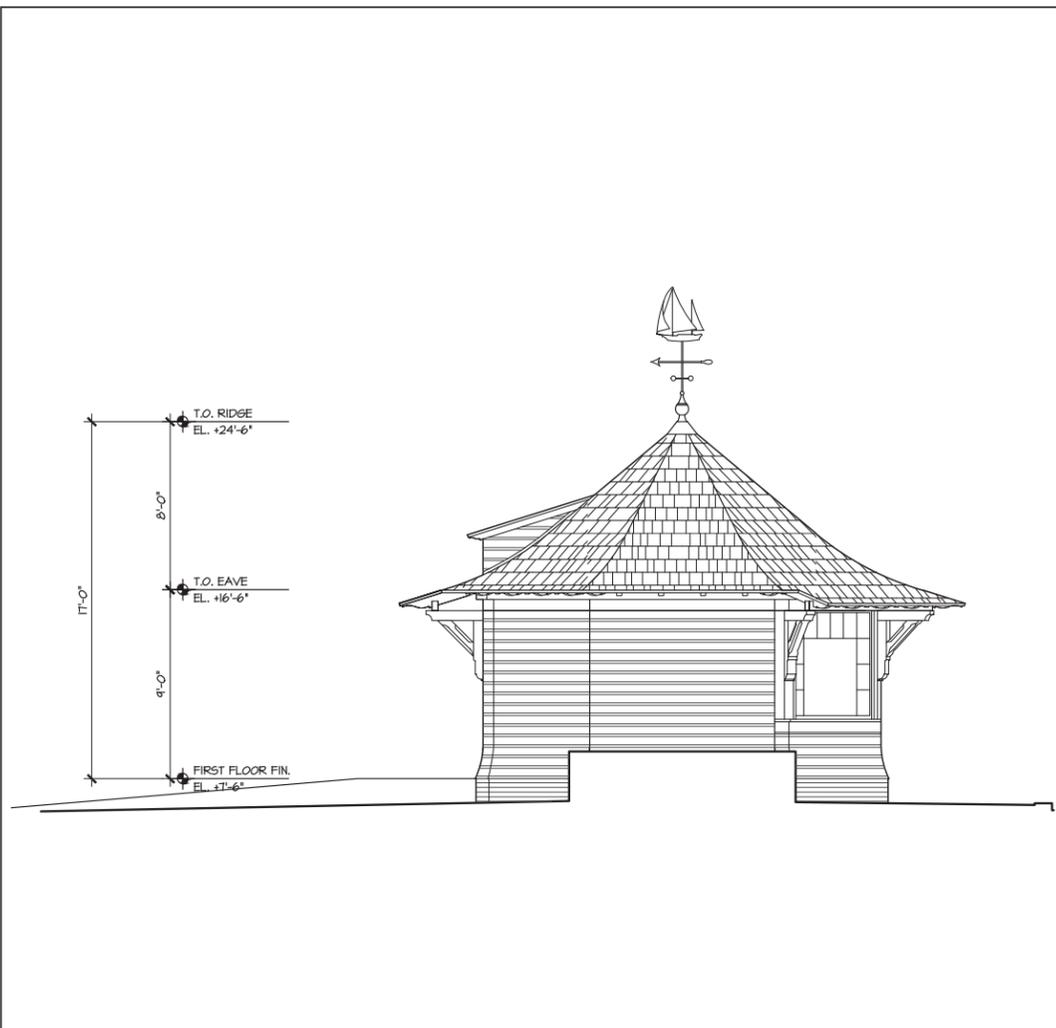
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DRAWING TITLE
HARBOUR MASTER FLOOR PLANS

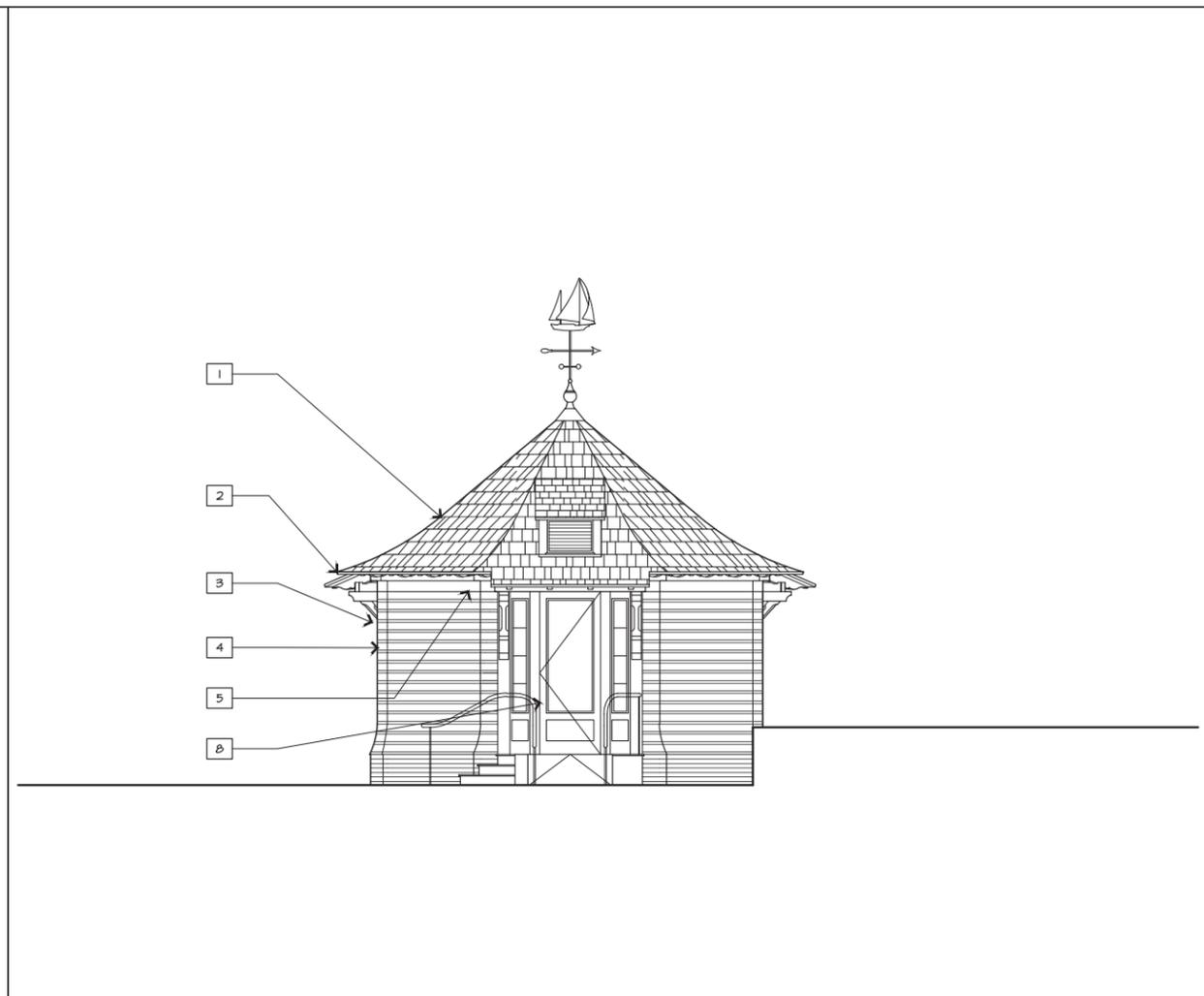
PROJECT #:
16-509
DRAWN BY:
CJ, ES
CHECKED BY:
JP, RR

DRAWING NO:
HM A2.01

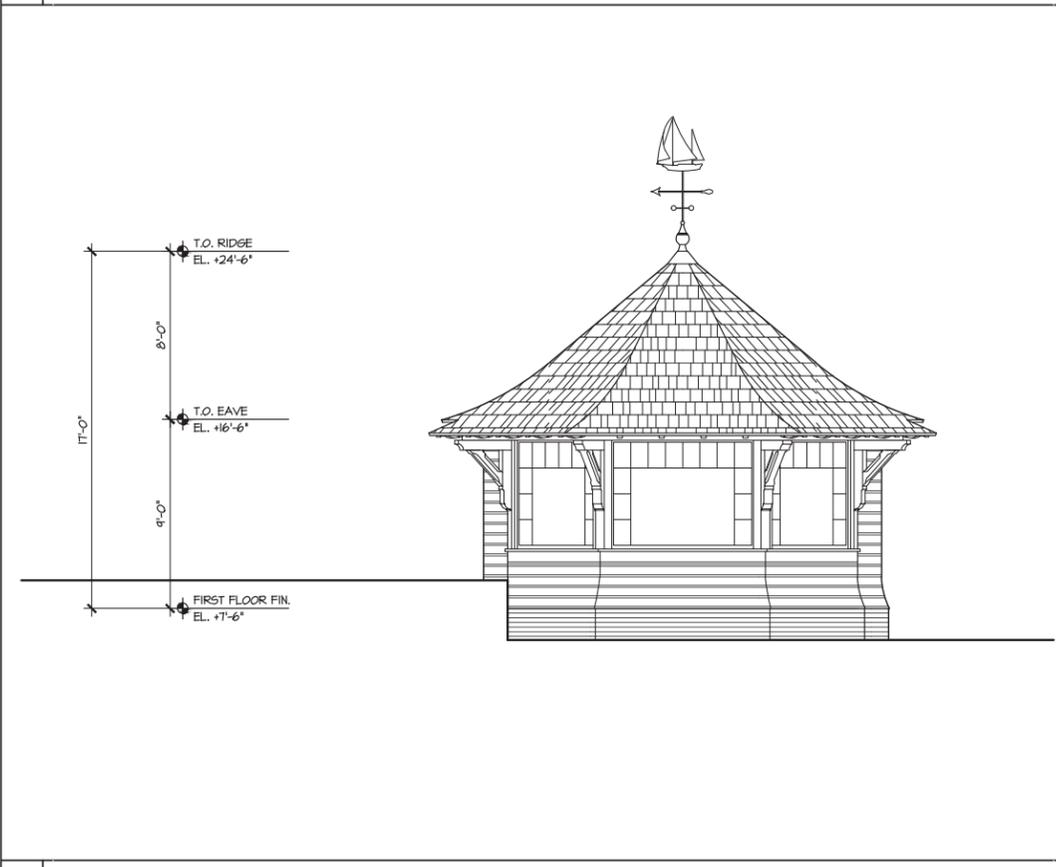
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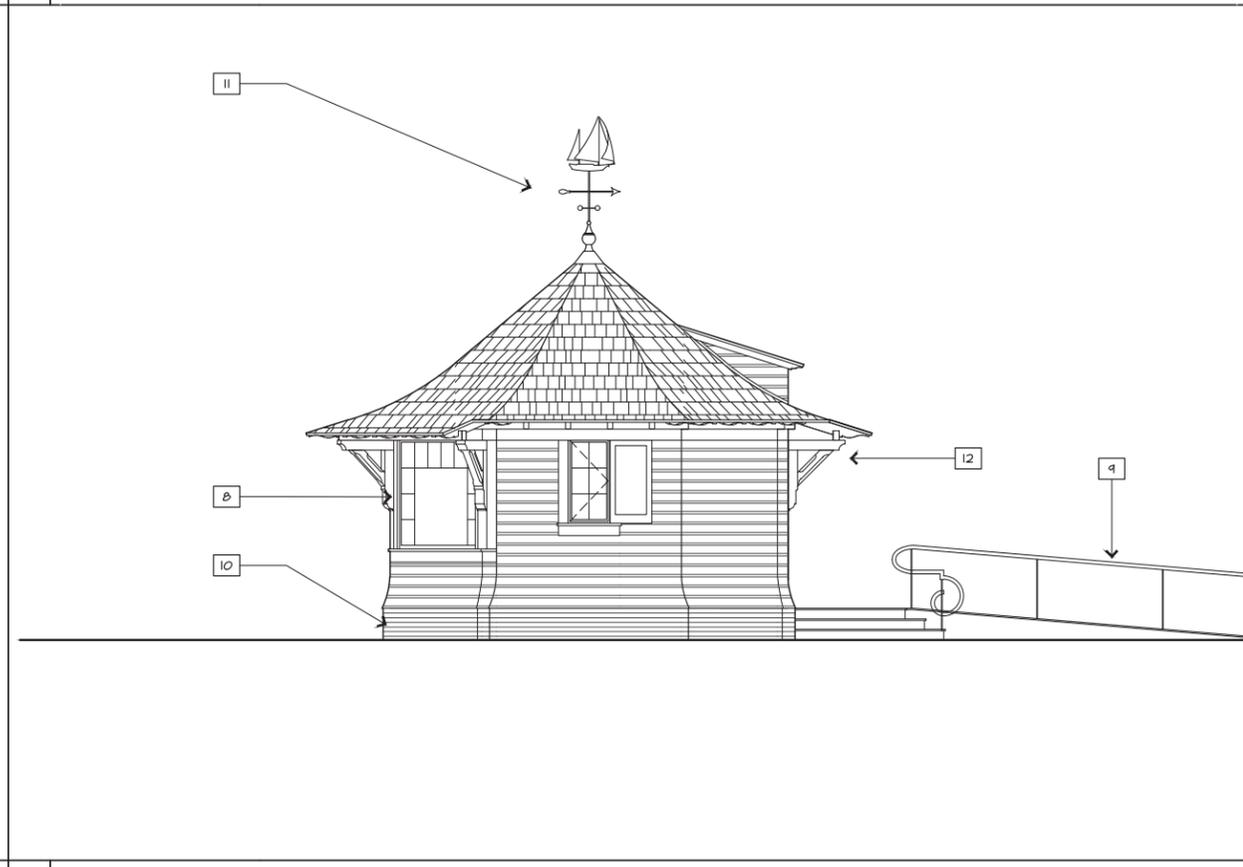
1 HARBORMASTER WEST ELEVATION 1/4"=1'-0"



2 HARBORMASTER NORTH ELEVATION 1/4"=1'-0"



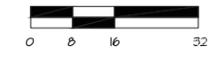
3 HARBORMASTER SOUTH ELEVATION 1/4"=1'-0"



4 HARBORMASTER EAST ELEVATION 1/4"=1'-0"

MATERIAL LEGEND

- 1 STANDING SEAM GALVALUME FINISH METAL ROOFING (22 GA.)
- 2 ALUM. GUTTERS, SAME FINISH AS ROOF, 6" HALF-ROUND, FASCIA MOUNTED BRACKETS
- 3 ALUM. DOWNSPOUT, SAME FINISH AS ROOF, 4" DIA. ON CONCEALED BRACKETS
- 4 BEADED FIBER CEMENT SMOOTH LAP SIDING, 3/8" THK. IN RIBBON COURSING, WEAVE CORNERS
- 5 PTD. HIGH PERFORMANCE PVC TRIM
- 6 PTD. HIGH PERFORMANCE PVC LATTICE
- 7 ALUMINUM CLAD HD WINDOW (IMPACT GLASS)
- 8 ALUMINUM CLAD STILE & RAIL DOOR (IMPACT GLASS)
- 9 STAINLESS STEEL HANDRAIL SYSTEM WITH HARDWOOD CAP RAIL
- 10 BRICK VENEER WATERTABLE
- 11 CUSTOM WEATHER VANE AND ANEMOMETER
- 12 CUSTOM STEEL BRACKETS, PTD.



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NO.	DATE	ISSUE

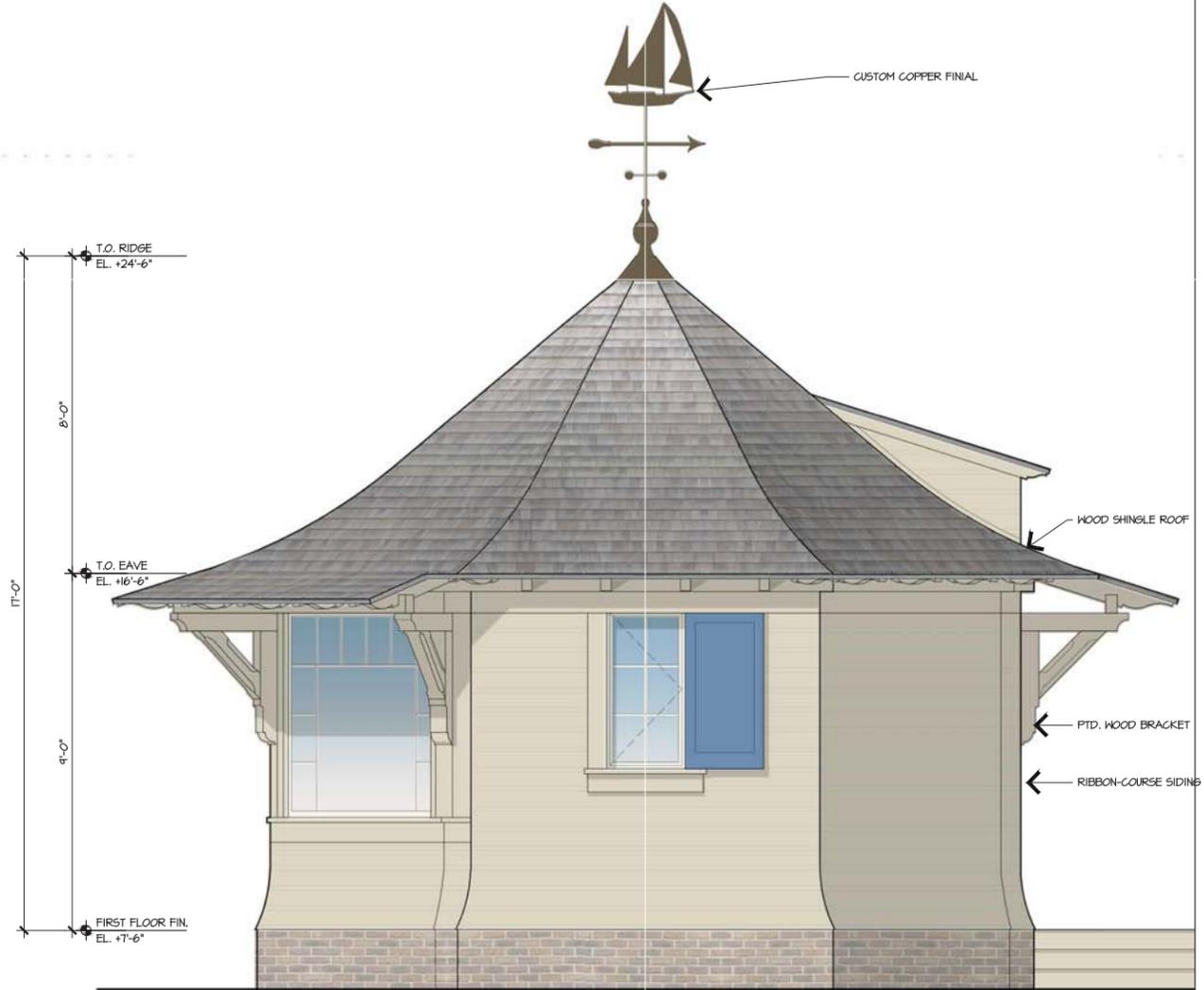
DRAWING TITLE
HARBORMASTER ELEVATIONS

PROJECT #: 16-509
 DRAWN BY: CDES
 CHECKED BY: JP, RR

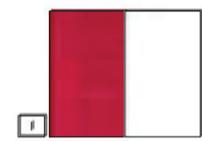
DRAWING NO.: **HM A3.01**

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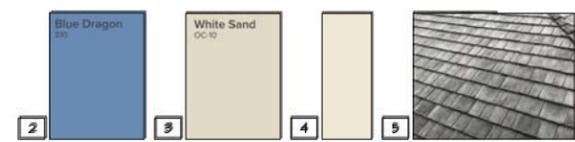
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Surf16 (2016) 16-509 Quarterdeck Restaurant\30\CAD\Arch\Sheets\16-509_QD_JIM A3.02.dwg



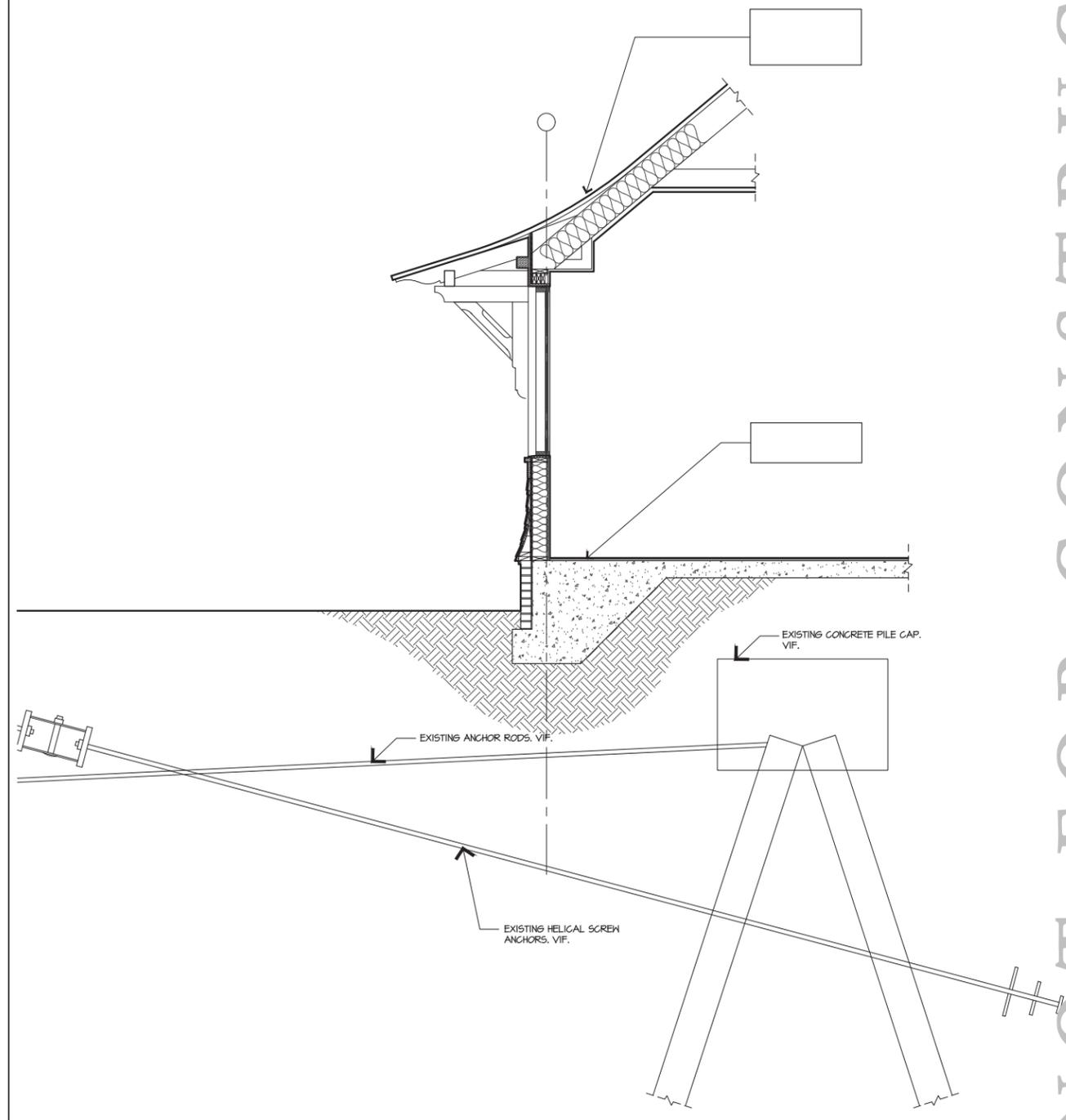
1. LIGHTHOUSE PAINT SAMPLES



2. SHUTTER PAINT SAMPLE 3. EXTERIOR PAINT SAMPLE 4. WINDOW AND DOOR COLOR SAMPLE 5. WEATHERED WOOD SHAKES OVER TIME

1 HARBORMASTER ELEVATION

1/2"=1'-0"



2 HARBORMASTER WALL SECTION

1/2"=1'-0"

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REVISIONS

NO.	DATE	ISSUE

DRAWING TITLE:
HARBOR MASTER ELEVATION

PROJECT #: 16-509
 DRAWN BY:
 CHECKED BY:
 P, RR

DRAWING NO.:
HM A3.02



EXISTING BOLLARDS TO PROVIDE ILLUMINATION FOR HATCHED AREA

INTENT NOTES

1. THESE PLANS ARE TO PROVIDE THE INTENT OF THE LIGHTING DESIGN. FOR SPECIFIC ARCHITECTURAL INFORMATION, REFER TO THE ARCHITECTURAL DRAWINGS. FOR SPECIFIC ELECTRICAL INFORMATION, REFER TO THE ELECTRICAL ENGINEERING DRAWINGS.
2. REFER TO INFORMATION IN ACCOMPANYING DRAWINGS AND LIGHTING SPECIFICATION PACKAGE FOR FIXTURE NOTES, FIXTURE LIST, FIXTURE CUTS, CONTROL WIRING DIAGRAM, AND CONTROL SCHEDULE FOR LOAD SIZES AND TYPES. ALL OF THESE ITEMS SHOULD BE CONSIDERED AS PART OF THE PLANS FOR BIDDING AND CONSTRUCTION:
 - 2.1. FIXTURE LIST
 - 2.2. CONTROL SCHEDULE
 - 2.3. LIGHTING SPECIFICATION NOTES
 - 2.4. LIGHTING FIXTURE DETAILS

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FOCUS LIGHTING
 ARCHITECTURAL LIGHTING DESIGN
 221 West 116th St. NY, NY 10026
 Tel: 212 865 1565
 Email: jenny@focuslighting.com

SCALE: 1/4" = 1'-0"
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DATE	ISSUE
2021-02-26	DRB

REVISIONS

NO	DATE	ISSUE

DRAWING TITLE:
 SITE LIGHTING WALKWAY PHOTOMETRICS

PROJECT #:
 QU-DEC
 DRAWN BY:
 AMI
 CHECKED BY:
 JN

DRAWING NO:
LD100P

DESIGN TEAM/DRB COMMENT SHEET

*The comments below are staff recommendations to the Design Review Board (DRB)
and do NOT constitute DRB approval or denial.*

PROJECT NAME: Quarterdeck

DRB#: DRB-000435-2021

DATE: 02/27/2021

RECOMMENDATION: Approval Approval with Conditions Denial

RECOMMENDED CONDITIONS:

1. Provide SeaPines ARB Final Approval.
2. Detail 4 and 5 on L4.03, review the color of the sign face to change black to a more nature blending bronze.
3. Per DRB comments, perimeter walkways to remain the crushed oyster shells.
4. Per Fire Marshal, fire pit locations on the terraces must be 10' from the structure and any adjacent overhang must be sprinkled.
5. Label and detail screen wall behind the outdoor bar.
6. String light polls shall be wood.
7. Color of metal standing seam roof to be reviewed with color board submittal.
8. Screening plants around utility areas shall be evergreen shrubs.
9. Add planting areas at the building foundation on the market elevation.
10. Avoid planting within 5' of the trunk of existing trees to protect their roots.
11. Provide a tree protection plan that includes pre and post construction fertilization and mycor treatment.
12. Light levels cannot exceed 8 footcandles and must have an average of .75 footcandles.
13. String Lights are only allowed in dining areas.

ARCHITECTURAL DESIGN				
DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Utilizes natural materials and colors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. String light poles should be wood in keeping with the Design Guide.

				2. Color of metal standing seam roof to be reviewed with color board submittal. 3. "White Sand" is too white.
Utilities and equipment are concealed from view	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Screening plants around utility areas should be evergreen shrubs.
Decorative lighting is limited and low wattage and adds to the visual character	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Light levels cannot exceed 8 footcandles and must have an average of .75 footcandles. 2. String Lights are only allowed in dining areas.

LANDSCAPE DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Avoid planting within 5' of the trunk of existing trees to protect their roots.

NATURAL RESOURCE PROTECTION

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
An effort has been made to preserve existing trees and under story plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Provide a tree protection plan that includes pre and post construction fertilization and mycor treatment.

MISC COMMENTS/QUESTIONS

1. Per DRB Comment add planting areas at the building foundation on the market elevation. Pots are not adequate.
2. Per DRB Comment, detail 4 and 5 on L4.03, review the color of the sign face to change black to a more nature blending bronze.
3. Provide SeaPines ARB Final Approval.
4. Per DRB comments, perimeter walkways to remain the crushed oyster shells.
5. Per Fire Marshal, fire pit locations on the terraces must be 10' from the structure and any adjacent overhang must be sprinkled.
6. It is unclear where the wall behind the outdoor bar is and what it looks like.



Town of Hilton Head Island
 Community Development Department
 One Town Center Court
 Hilton Head Island, SC 29928
 Phone: 843-341-4757 Fax: 843-842-8908
www.hiltonheadislandsc.gov

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Date Received:	_____
Accepted by:	_____
DRB #:	_____
Meeting Date:	_____

Applicant/Agent Name: Trey Fludd Company: Bluffton Sign Company
 Mailing Address: 78 Parkside Drive City: Bluffton State: SC Zip: 29910
 Telephone: 843-384-3998 Fax: _____ E-mail: trey@blufftonsign.com
 Project Name: Building Sign Hemp Extraction Project Address: 5 Enterprise Lane
 Parcel Number [PIN]: R _____
 Zoning District: _____ Overlay District(s): _____

**CORRIDOR REVIEW, MAJOR
 DESIGN REVIEW BOARD (DRB) SUBMITTAL REQUIREMENTS**

Digital Submissions may be accepted via e-mail by calling 843-341-4757.

Project Category:
 Concept Approval – Proposed Development Alteration/Addition
 Final Approval – Proposed Development Sign

Submittal Requirements for *All* projects:

Private Architectural Review Board (ARB) Notice of Action (if applicable): When a project is within the jurisdiction of an ARB, the applicant shall submit such ARB’s written notice of action per LMO Section 16-2-103.I.4.b.iii.01. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.

Filing Fee: Concept Approval-Proposed Development \$175, Final Approval – Proposed Development \$175, Alterations/Additions \$100, Signs \$25; cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:
Concept Approval – Proposed Development

- A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
- A site analysis study to include specimen trees, access, significant topography, wetlands, buffers, setbacks, views, orientation and other site features that may influence design.
- A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis results.
- Context photographs of neighboring uses and architectural styles.
- Conceptual site plan (to scale) showing proposed location of new structures, parking areas and landscaping.
- Conceptual sketches of primary exterior elevations showing architectural character of the proposed development, materials, colors, shadow lines and landscaping.

Additional Submittal Requirements:

Final Approval – Proposed Development

- _____ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-3-106.F.3.
- _____ Final site development plan meeting the requirements of Appendix D: D-6.F.
- _____ Final site lighting and landscaping plans meeting the requirements of Appendix D: D-6.H and D-6.I.
- _____ Final floor plans and elevation drawings (1/8"=1'-0" minimum scale) showing exterior building materials and colors with architectural sections and details to adequately describe the project.
- _____ A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.
- _____ Any additional information requested by the Design Review Board at the time of concept approval, such as scale model or color renderings, that the Board finds necessary in order to act on a final application.

Additional Submittal Requirements:

Alterations/Additions

- _____ All of the materials required for final approval of proposed development as listed above, plus the following additional materials.
- _____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
- _____ Photographs of existing structure.

Additional Submittal Requirements:

Signs

- _____ Accurate color rendering of sign showing dimensions, type of lettering, materials and actual color samples.

For freestanding signs:

- _____ Site plan (1"=30' minimum scale) showing location of sign in relation to buildings, parking, existing signs, and property lines.
- _____ Proposed landscaping plan.

For wall signs:

- _____ Photograph or drawing of the building depicting the proposed location of the sign.
- _____ Location, fixture type, and wattage of any proposed lighting.

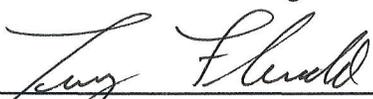
Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Appendix D: D-23.

A representative for each agenda item is strongly encouraged to attend the meeting.

Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If yes, a copy of the private covenants and/or restrictions must be submitted with this application. YES NO

To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property only and are a right or obligation transferable by sale.

I further understand that in the event of a State of Emergency due to a Disaster, the review and approval times set forth in the Land Management Ordinance may be suspended.



SIGNATURE

2/15/2021

DATE

Bluffton Sign Company LLC

78 Parkside Drive, Bluffton S.C. 29910

Phone Number
(843) 384-3998

Fax Number

Concept Number:	00001	Submitted By:	Trey Fludd
Date:	1/6/2017	Due Date:	01/31/2017



Color Chart:

 SW 7542 Naturel	 SW 7069 Iron Ore	 SW 2848 Roycroft Pewter
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Gray backer panel will be 3/4" pvc material with an inlay of letters and logo as seen. Letters made of pvc cut out and applied to panel. Letters will be raised 1/2" off of backer panel. Panel will be attached the building with screws. Colors will be as shown.

Customer Approval Signature: X	Date: / /
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DESIGN TEAM/DRB COMMENT SHEET

*The comments below are staff recommendations to the Design Review Board (DRB)
and do NOT constitute DRB approval or denial.*

PROJECT NAME: Hemp Extraction Sign - 5 Enterprise Lane

DRB#: 000396-2021

DATE: February 26, 2021

RECOMMENDATION: Approval Approval with Conditions Denial

Recommend approval as submitted.

TOWN OF HILTON HEAD ISLAND

One Town Center Court, Hilton Head Island, S.C. 29928

(843) 341-4600 Fax (843) 842-7728

www.hiltonheadislandsc.gov

John J. McCann
Mayor

William D. Harkins
Mayor ProTem

Council Members

Thomas W. Lennox
David Ames
Tamara Becker
Glenn Stanford
Alexander Brown, Jr.

Marc Orlando
Town Manager

March 1, 2021

DRAFT

Mr. Marc Orlando, ICMA~CM, Town Manager
Mr. Peter Kristian, Planning Commission Chairman
Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

Re: Building Height Limits, Setback Standards and Buffer Requirements

Dear Mr. Orlando and Mr. Kristian:

Over the course of the past few years, a small number of projects brought before the Hilton Head Island Design Review Board (DRB) have raised the Board Members' concern specifically related to building massing and scale and their non-conformity to Island Character as defined in the Design Guide. It is the general feeling of the Board Members that the Design Guide serves its purpose well for review of details, materials, colors and landscaping. However, Board Members' hands are tied by the Land Management Ordinance (LMO) when reviewing, commenting and voting on the issues of mass and scale.

Three recent projects can be used as specific case studies for this discussion:

- Mitchelville Beachfront / DRB-001801-2020 (Conceptual 09/28/20)
 - The height of the project made it over scaled within the neighborhood and an interior courtyard pushed the multi-story mass up to both side buffers creating a massive wall along both the front and side property lines.
- 55 Gardner (former Christian Academy site) / DRB-002262-2019 (Final)
 - The height of the project made it over scaled within the neighborhood. In this particular case the applicant did work with the Town and the DRB on the building setbacks and number of stories to help reduce the effect of the overall height and mass.
- 15 Wimbledon Court / DRB-002029-2018 (Final 09/28/18)
 - The height, the number of buildings and the proximity of the buildings to each within the property made it over scaled within the neighborhood.

DRAFT

The above projects were all multi-storied multi-building developments deemed by the Board to be non-conforming with Island Character due to being obtrusive in form and/or out of scale to the surrounding neighborhood. Despite these determinations, that the projects were not of Island Character and did not conform to the intent of the Design Guide, the Board was given no alternative but to approve the projects because the total area, heights and setbacks were conforming within the LMO and therefore not cause for denial. It should be noted that in all three cases, the applicants to varying degrees did respond to DRB requests and requirements with regards to details, materials, colors, increased buffers or interior buffers and to some DRB suggestions to help break down the building massing. However, in all cases the DRB had no true authority to limit the overall height and scale of the structures.

With that in mind, the DRB respectfully recommends that the Planning Commission consider the recommendations and ask that the Town Manager direct Staff to review the following to determine whether any adjustment to these standards is warranted:

- Review the allowable building heights, setbacks and buffers within the LMO to determine if they are effective at maintaining Island Character and preventing gross overbuild;
- Consider the DRB's ability and jurisdiction to impose limits or requirements on situations as described herein when a structure is not in keeping with Island Character; and
- Consider adding to the LMO and Design Guide a mandatory interior landscaped buffer of a minimum depth of 3' with incremental increases up to a total depth of 9', based upon the number of stories, to occur between the face of vertical construction and any hardscaped areas like parking lots, sidewalks etc. The lone exception to the interior buffer would be at areas required for entering, exiting, or servicing a building.

Best Regards,

Hilton Head Island Design Review Board
By: Michael C. Gentemann AIA, Chairman

cc: Town Council
Joshua A. Gruber, Deputy Town Manager