Town of Hilton Head Island

Design Review Board Meeting

Tuesday, July 23, 2024, 2:30 PM
1 Town Center Court, Hilton Head Island, SC
Benjamin M. Racusin Council Chambers

---

1. **Call to Order**
2. **Adoption of the Agenda**
3. **Approval of the Minutes**
   - **a.** Regular Meeting Minutes of July 9th, 2024.
4. **Unfinished Business**
   - **a.** DRB-000928-2024 – 27 New Orleans – Final
   - **b.** DRB-000955-2024 – 75 Mathews Drive – Wells Fargo Signs – Final
   - **c.** DRB-000960-2024- 1 Greenwood Drive – Wells Fargo Signs – Final
5. **New Business**
   - **a.** Nomination and Election of Officers for July 1, 2024 – June 30, 2025.
   - **b.** Appointment of Board of Secretary for July 1, 2024 – June 30, 2025
   - **c.** DRB-000967-2024 – 51 S South Forest Beach Drive – Conceptual
   - **d.** DRB-000992-2024 – 120 Arrow Road – Conceptual
   - **e.** DRB-000996-2024 – 148 Beach City Road - Final
6. **Public Comment - Non Agenda Items**
7. **Board Business**
8. **Staff Reports**

9. Adjournment

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.

In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 ("ADA"), the Town of Hilton Head Island will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. Auditory accommodations are available. Any person requiring further accommodation should contact the Town of Hilton Head Island ADA Coordinator as soon as possible but no later than 48 hours before the scheduled event.

Municipal Association of South Carolina (MASC) Civility Pledge:
“I pledge to build a stronger and more prosperous community by advocating for civil engagement, respecting others and their viewpoints, and finding solutions for the betterment of my city or town.”

Town of Hilton Head Island
DESIGN REVIEW BOARD MEETING
Tuesday, July 9, 2024, 2:30 PM
Minutes

1. Call to Order

Acting Chair Judd Carstens called the meeting to order at 2:30 p.m. Present were: Judd Carstens (attended remotely,) Annette Lippert, Tom Parker, Todd Theodore, Patricia Pastor and Kevin Brandenburg. Megan Fitzpatrick was absent.

2. Introduction of Newly Appointed Members

Mr. Carstens welcomed new Board Members, Patricia Pastor and Kevin Brandenburg to the Design Review Board and mentioned that Megan Fitzpatrick could not attend this meeting but would be present at the next one.

3. Adoption of the Agenda

Melissa Paul-Leto mentioned that for Unfinished Business a. DRB-000833-2024 - South Sea Pines Drive - Final due to conflicts, both Mr. Carstens and Ms. Lippert would have to recuse themselves and they would need an Acting Chair. Mr. Carstens moved that Todd Theodore be made Acting Chair for that item. Ms. Lippert seconded. The Agenda as presented was approved unanimously.

4. Approval of the Minutes

a. Regular Meeting Minutes of June 25th, 2024.

Tom Parker moved to approve the Minutes of June 25, 2024. Ms. Lippert seconded. The Minutes of June 25, 2024 were unanimously approved

5. Unfinished Business

a. DRB-000833-2024 - South Sea Pines Drive - Final

Melissa Paul-Leto, Principal Planner, presented South Sea Pines Drive - Final and stated this project went for Conceptual Review on April 9, 2024. South Sea Pines Drive, South Beach Marina Village was tabled from the June 25, 2024, Design Review Board Meeting due to lack of a quorum. The applicant is here today for the Final Review of a proposed renovation to provide additional entertainment space adjacent to the water's edge. The South Beach Marina is an existing mix of lodging, restaurant and retail found in 12,500 sq. ft. of multiple buildings. This proposal is to transition the restaurant and retail uses within two buildings, totaling 10,000 sq. ft. The project has received ARB approval from Sea Pines Plantation. Staff recommends approval with the following conditions that the applicant provides and adheres to the conditions on April 9, 2024, for the Conceptual

Review. This project requires a Building Permit prior to construction and a Major Development Plan Approval. The Conceptual Review was approved with conditions that the white trim be approved as this is a unique area, the buffer continues to be studied, and future parking plans to be investigated.

The applicant addressed several comments from the board regarding the step-down on the double light, brightness, colors of planters, we were not provided with an electrical plan, how bright the cans are, whether there will be decorative lighting, concern about the brightness on the string lights, poles are too high, timing on the lights, is there sufficient parking, make sure the lighting doesn't affect adjacent properties.

Mr. Parker moved to approve as submitted with the following conditions: the adoption of staff comments and conditions. The double up lights at the entry palm court will be specified to be less than 500 lumen each. Any specifications for the can lights at porches and walks will be submitted to staff for review. The string lights linear footage will be noted and specified. The poles will be specified at the maximum height of 14 ft. The applicant stated that the lighting is intended to be a low lumen level and will be reviewed at installation. Mr. Brandenburg seconded. The motion passed by a vote of 4-0.

6. New Business

a. DRB-000955-2024 - 75 Matthews Drive - Final

Melissa Paul-Leto, Principal Planner, presented 75 Matthews Drive - Final and indicated the Wells Fargo sign system received Conceptual Approval. The applicant has revised their drawings to comply with the color request. They have provided two choices and indicated what they prefer. Ms. Leto presented both options to the Board. They are proposing to change their letter faces to white with burgundy red retainers, which is Option 1. Their second Option is a burgundy red face with Dover White retainers. Staff recommends approval with one condition: the proposed signage is recommended to use the following colors: For white: SW6385 - Dover White not Wells Fargo White. For Red: Gidden Drum Beat #A0279 and for Yellow: SW6687 Brittlebrush. They had a Conceptual Review on May 14, 2024, with the following conditions: directional signage should have the same background color as the building. The red needs to be toned down to a somewhat darker nature-oriented red. The yellow also needs to be toned down. The monument sign needs to be investigated as to whether a street number should be added per Fire Rescue request. A new layout should be provided. Any white elements on signage, whether they are letters or returns, shall be the building case color. The yellow stripe should be removed.

The applicant addressed several comments and questions from the Board regarding colors, parking signage and lighting.

Ms. Lippert moved to approve with the following conditions: Option 2 - Gidden Drum Beat face with the Dover White sides Only the building mounted, and monument sign mounted that was included in the packet is approved under this submission. Addressing per Fire

Rescue will be required. Ms. Pastor seconded. The motion was approved by a vote of 6-0.

b. DRB-000960-2024 - 1 Greenwood Drive - Final

Melissa Paul-Leto presented 1 Greenwood Drive - Wells Fargo Signs - Final - This is the second Wells Fargo location where they are presenting a similar sign system. The applicant has come back for final review with revised color options. They are proposing changing their letter faces to white with Burgundy Red Retainers as their first option. Their second option is Burgundy Red with Dover White Retainers. Staff recommends approval with one condition: The proposed signage is recommended to use the following colors: For White: SW6385 - Dover White not Wells Fargo White. For Red: Gidden Drum Beat #A0279. For Yellow: SW6687 - Brittlebrush. They had a Conceptual Review on May 14, 2024, with the following conditions: directional signage should have the same background color as the building. The red needs to be toned down to a somewhat darker nature-oriented red. The yellow also needs to be toned down. The monument sign needs to be investigated as to whether a street number should be added per Fire Rescue request. A new layout should be provided. Any white elements on signage, whether they are letters or returns, shall be the building case color. The yellow stripe should be removed.

The applicant addressed several comments and questions from the Board regarding: signage, colors, lighting, street numbering, text needs to be on the front of the sign.

Ms. Lippert moved to approve with the following conditions: approve the Drum Beat with the Dover White signage. Expand the restoration scope on monument signs for all sides. Add street numbers on all Wells Fargo monument signs. That E03 be a halo-lit light and the color temperature needs to be submitted to staff. The clearance sign as well as the monument sign needs to come back with all the wayfinding, parking signage that was not included in the July 9, 2024, package. Mr. Parker seconded. The motion was approved by a vote of 6-0.

7. Public Comment - Non Agenda Items

No citizens spoke.

8. Board Business

None

9. Staff Reports

Ms. Paul-Leto mentioned to the Board that for their September 10th meeting there was a conflict in Council Chambers and the DRB meeting would have to be moved to a Conference Room or rescheduled to another date. It was the consensus of the Board that the meeting be held on the same date and time and move to a Conference Room.

10. Adjournment

The meeting was adjourned at 3:31 p.m.

Approved:

The recording of this Meeting can be found on the Town's website at www.hiltonheadislandsc.gov

27 NEW ORLEANS ROAD
FINAL REVIEW
July 23, 2024
DRB-000928-2024

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: Troy Derda Company: ALLSOY DONUT & BBRC
Mailing Address: 64 BURNT CHURCH RD City: BLUFFTON State: SC Zip: 29910
Telephone: 262-757-3997 Fax: _____ E-mail: tderda@me.com
Project Name: ALLSOY DONUT COMPANY & ALLSOY BIKE AND BEACH RENTALS Project Address: 27 NEW ORLEANS RD
Parcel Number [PIN]: R552 015 000 0098 (company) _____
Zoning District: (LC) Overlay District(s): (LC) LIGHT COMMERCIAL

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
_X_ Final Approval – Proposed Development
_____ Alteration/Addition
_____ 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 _____ DATE 6/18/2024

27 NEW ORLEANS ROAD
PROJECT NARRATIVE

Project Narrative
Revised July 9, 2024
Revised June 11, 2024
Revised: March 11, 2024
Revision Date: January 9, 2024
Original Submittal Date: December 1, 2023

Alljoy BBRC & Alljoy DC
27 New Orleans Road
Hilton Head Island, SC
Owner: Troy Derda
Total Acreage .495
Building: 2 Story - 1st Floor Commercial - 2nd Floor Storage Space
Total Building SF: 2,634
Owner Representative: Maria Drawdy, PLA
Civil Engineer: Nathan Sturre

Existing Site Conditions & Uses:
The site currently acts as a vegetative backdrop for pedestrian and biycle and vehicular activity at New Orleans Road. Site backs up to Shipyard Tennis Courts and previously served as a drainage channel. This drainaige channel is no longer in use.

Proposed development:
- First Floor: Bicycle warehouse and Donut production and sales shop.
- Second Floor: Storage for Warehouse

Form of ownership:
- Fee simple

Provisions for maintenance of all improvements:
- Parking Areas
- Landscape Areas
- Open Space Areas

Project to be two phases:
- Phase 1 to commence August 1, 2024:
- Construction of Exterior Building, Parking, Driveways, Landscaping, Irrigation, Signage
- Interior 1st Floor: Warehouse & 2nd Floor Storage Area
- Phase 2 TBD:
- Interior construction of Donut Shop

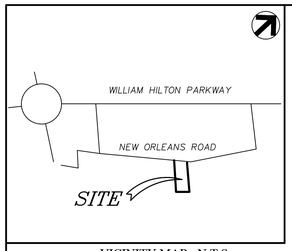
Stormwater Management:
- This development plan will comply with the Hilton Head Stormwater Design Manual

Utilities & Services:
Proposed development shall ensure that site can be supplied with adequate utilities.

Exterior Lighting Scheme:
See Landscape Plan

In progress:
Encroachment Permit: SCDOT, Beaufort County, TOHHI
Utility Approval: PSD Water, PSD Sewer, Electric Company, Telephone Company

27 NEW ORLEANS ROAD SURVEY



VICINITY MAP - N.T.S.

LOT 50
THOMAS & RHONDA GADHUE
D.B. 3470 PAGE 3368
P.B.47 PAGE 35
R552 015 00C 0099

N36°41'19"W 236.48'

(#27)
LOT 49
0.495 ACRES
(21,559 SF)
R552 015 00C 0098

20' B.S.L.

50' DRAINAGE EASEMENT (& BUFFER)

S56°19'28"W 60.00'

S55°10'15"W 24.97'

S33°36'22"E 235.64'

40' B.S.L.

N55°19'42"E 97.68'

GOLF MASTER ASSOCIATES
R550 015 000 197A
P.B. 30 PAGE 173

SWANIE M. SMITH
R552 015 00C 0095

LOT 48
CRM INVESTMENTS LLC
FLR. ELEV = 10.91'
D.B. 4045 PAGE 404
P.B.47 PAGE 35
R555 015 00C 0097

ZONE X-SHADED NO B.F.E. / ZONE AE B.F.E. 7'

GRATE INLET TOP: 6.23' BASE: 2.36'
36" PIPE INV: 2.23
GRATE INLET TOP: 6.44' BASE: 2.64'
36" PIPE INV: 3.43
36" PIPE INV: 4.47

CATV
TELE PED
UG EB
BNE PAIN

±195.4' TO PENSACOLA PLACE R/W

NEW ORLEANS ROAD
60' R/W

TBM (PK NAIL SET)
EL. = 7.13' M.S.L.
NAVD-'88

LEGEND

B.S.L.	BUILDING SETBACK LINE
CATV	CABLE TELEVISION
CMF	CONCRETE MONUMENT FOUND
GUM	GUM
HICK	HICKORY
IPF	IRON PIN (OLD) FOUND
LAO	LAUREL OAK
LO	LIVE OAK
LP	LIGHT POLE
MAG	MAGNOLIA
PN	PINE
TELE PED	TELEPHONE PEDESTAL
UG EB	UNDERGROUND ELECTRICAL BOX
WO	WATER OAK

NOTES :
1. THIS LOT LIES IN ZONE X-SHADED, NO B.F.E.; & ZONE "AE", B.F.E.="7" PER F.I.R.M. PANEL 45013C 0442 G, COMMUNITY No. 450250, EFFECTIVE: 03/23/21.
2. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR. NO INVESTIGATIONS FOR EASEMENTS, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS HAVE BEEN MADE THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
3. ALL BUILDING SETBACK REQUIREMENTS SHOULD BE VERIFIED WITH THE PROPER AUTHORITIES PRIOR TO DESIGN AND CONSTRUCTION.
4. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

REFERENCE PLAT:
A PLAT OF 53.829 ACRES
SHIPYARD PLANTATION COMMERCIAL
By: E.H. FREIESLEBEN, S.C.R.L.S. No.4624
DATED: 05/13/76 LAST REVISED: 03/28/78
FILE: HHC-176
RECORDED IN: P.B.47 PAGE 35

LABEL DESCRIPTIONS (TYP.)
TREE LOCATION
18.4 — GROUND ELEVATION
PN 18 — TREE SPECIES & DIAMETER (IN.)

GRAPHIC SCALE
0 5 10 20
SCALE IN FEET

ONE FOOT CONTOUR INTERVAL

PREPARED FOR: TROY DERDA & KRISTIE DERDA

" I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON 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 VISIBLE ENCROACHMENTS OR PROJECTIONS OTHER THAN SHOWN."

MICHAEL R. DUNIGAN
S.C.R.L.S. No. 11,905

REVISION: (03/15/24) FLOOD ZONE UPDATED

A BOUNDARY-TREE AND TOPOGRAPHIC LAND SURVEY OF
LOT 49 NEW ORLEANS ROAD
A PORTION OF
SHIPYARD COMMERCIAL
HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA

SCALE: 1" = 10' SURVEYED BY: TJ
DATE: 07/31/23 DRAWN BY: JTG
JOB No.: 74,839BT CHECKED BY: MRD

COASTAL SURVEYING CO., INC.
49 RIVERWALK BLVD.
BUILDING 8
RIDGELAND, SC 29936
(843) 645-4446

27 NEW ORLEANS ROAD
PLAN SET

SITE & LANDSCAPE DEVELOPMENT PLANS
Alljoy BBRC & Alljoy DC
27 New Orleans Road
Hilton Head Island, SC

SHEET INDEX

SHEET #	SHEET NAME
CS	COVER SHEET
1	SITE DEVELOPMENT PLAN
2	OPEN SPACE PLAN
3	TREE PROTECTION PLAN
4	GRADING & DRAINAGE PLAN
5	LANDSCAPE PLAN
6	PLANTING DETAILS & PLANT SCHEDULE
7	SITE DETAILS - 1
8	SITE DETAILS - 2

REVISIONS

Date	Sheets Affected	Description
June 6, 2024	L1, L2, L3, L4, L5, L6	UPDATES PER TOWN OF HILTON HEAD COMMENTS
June 25, 2024	L5, L6	ADDED LIGHTING SCHEDULE, BIKE RACK INFO, ASPHALT TIE-IN DETAIL
July 9, 2024	L1, L2, L3, L4, L5, L6, L7, L8	UPDATED SHEETS PER 062524 DRB COMMENTS

Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023

CS

SITE DEVELOPMENT & LANDSCAPE PLANS
For

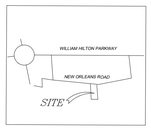
Alljoy BBRC
& Alljoy DC

27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565

State of South Carolina
No. 1663
REGISTERED LANDSCAPE ARCHITECT
MARIA DRAMOV



VICINITY MAP (NTS)

LEGEND

B.S.L.	BUILDING SETBACK LINE
CATV	CABLE TELEVISION
CMF	CONCRETE MONUMENT FOUND
GUM	GUM
HICK	HICKORY
IPF	IRON PIN (OLD) FOUND
LAO	LAUREL OAK
LO	LIVE OAK
LP	LIGHT POLE
MAG	MAGNOLIA
PN	PINE
TELE PED	TELEPHONE PEDESTAL
UG EB	UNDERGROUND ELECTRICAL BOX
WO	WATER OAK

LEGEND

SYMBOL	DESCRIPTION
X	TREES TO BE REMOVED
	SILT FENCE
	TREE PROTECTION FENCE

4 | L7 — 8" GRAVEL DRIVE
(EXTEND LIMITS TO REAR FACADE OF BUILDING TO ALLOW FIRE TRUCK ACCESS)
±4,433 SF GRAVEL
±415 LF STEEL EDGING

7 | L7 — 6" GRAVEL DRIVE
(FOR BIKE LOADING AND UNLOADING)
±2,911 SF GRAVEL
±172 LF STEEL EDGING

PRIVACY FENCE-5' HT.
(±20 LF)
FENCE GATE AND POSTS TO MATCH SERVICE YARD FENCE: PT HOGBOARD
COLOR:DOLPHIN
NOTE: KNOX LOCK TO BE INSTALLED FOR FIRE DEPRATMENT ACCESS.
FENCE TO BE LOCATED 150' FROM EDGE OF NEW ORLEANS ROAD.

2 | L8 — ELECTRIC VEHICLE CHARGING STATION

8 | L7 — WHEEL STOP

6 | L7 — PERMEABLE PAVER PARKING
±1,295 SF PAVERS
±130 SF CONCRETE EDGING

6 | L7 — PERMEABLE PAVER PARKING
±496 SF PAVERS
±100 SF CONCRETE EDGING

NOTE: FIRE HYDRANT LOCATED ± 178 FEET SW FROM PROPERTY

NOTE: EACH PARKING SPACE DESIGNATED AS ACCESSIBLE FOR THE DISABLED MUST BE MARKED WITH THE APPROPRIATE SIGN, MOUNTED IN CLEAR VIEW FOR MOTORISTS. A HEIGHT OF AT LEAST 60", MEASURED FROM THE GROUND TO THE BOTTOM EDGE OF THE SIGN IS RECOMMENDED.

7 | L7 — ASPHALT TIE-IN

LOT 50

GOLF MASTER ASSOC.

EXISTING TREE TO REMAIN, TYP.

EXISTING TREE TO BE REMOVED, TYP.

SWANIE M. SMITH

LOT 49
0.495 ACRES
(21,559 SF)
R552 015 00C 0098
(#27)

PROPOSED 2-STORY BUILDING
2,634 SF

SERVICE YARD
AC
ADA RAMP
GRAVEL PARKING
BIKE LOADING BAY
50' DRAINAGE EASEMENT
5' SIDE WALK
15.3' PARKING BUFFER
91.9' PARKING BUFFER
6.3' PARKING BUFFER
15' TYPE "B" BUFFER
15' TYPE B BUFFER OPTION 2 15' REQUIRED
SIGN
EV

N36°41'19"W 236.48'
S56°19'28"W 60.00'
S55°10'15"W 24.97'
S33°36'22"E 235.64'
N36°19'42"E 157.66'

PROJECT PHASING NOTE:
PHASE 1: BICYCLE RENTAL SHOP - PHASE TO INCLUDE ALL EXTERIOR BUILDING CONSTRUCTION INCLUDING DRIVEWAYS, WALKWAYS AND LANDSCAPING. INTERIOR CONSTRUCTION LIMITED TO BICYCLE RENTAL SHOP/WAREHOUSE.
PHASE 1 START DATE: AUG. 1, 2024

PHASE 2: DONUT SHOP - PHASE TO INCLUDE INTERIOR CONSTRUCTION.
PHASE 2 START DATE TBD.

PRIVACY FENCE-5' HT.
(±15 LF)
FENCE GATE AND POSTS TO MATCH SERVICE YARD FENCE: PT HOGBOARD
COLOR:DOLPHIN
NOTE: KNOX LOCK TO BE INSTALLED FOR FIRE DEPRATMENT ACCESS.

9 | L7 — TABBY CONCRETE PATIO,PATH & LANDINGS

10 | L7 — CRUSHED SHELL PATHWAY

11 | L7 — BICYCLE RACK

LOT 48

NOTE: FIRE HYDRANT LOCATED ±250 FEET @ PENSACOLA PLACE

PENSACOLA PLACE R/W ±195.4' TO

ASPHALT BIKE PATH

NEW ORLEANS ROAD (ASPHALT)

GRATE INLET TOP: 6.23' BASE: 2.56'

36" PIPE INV.: 3.23'

GRATE INLET TOP: 6.68' BASE: 2.68'

36" PIPE INV.: 3.47'

PM TBM NAVD-88

Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023

SC811

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1663
MARIA DRAWDY

Graphic Scale (In Feet) 1" =10'
0 5 10 20 40

L1
PENSACOLA

SITE DEVELOPMENT

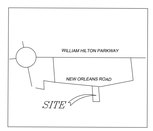
For

Alljoy BBRC & Alljoy DC

27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565



VICINITY MAP (NTS)

LEGEND

B.S.L.	BUILDING SETBACK LINE
CATV	CABLE TELEVISION
CMF	CONCRETE MONUMENT FOUND
GUM	GUM
HICK	HICKORY
IPF	IRON PIN (OLD) FOUND
LAO	LAUREL OAK
LO	LIVE OAK
LP	LIGHT POLE
MAG	MAGNOLIA
PN	PINE
TELE PED	TELEPHONE PEDESTAL
UG EB	UNDERGROUND ELECTRICAL BOX
WO	WATER OAK

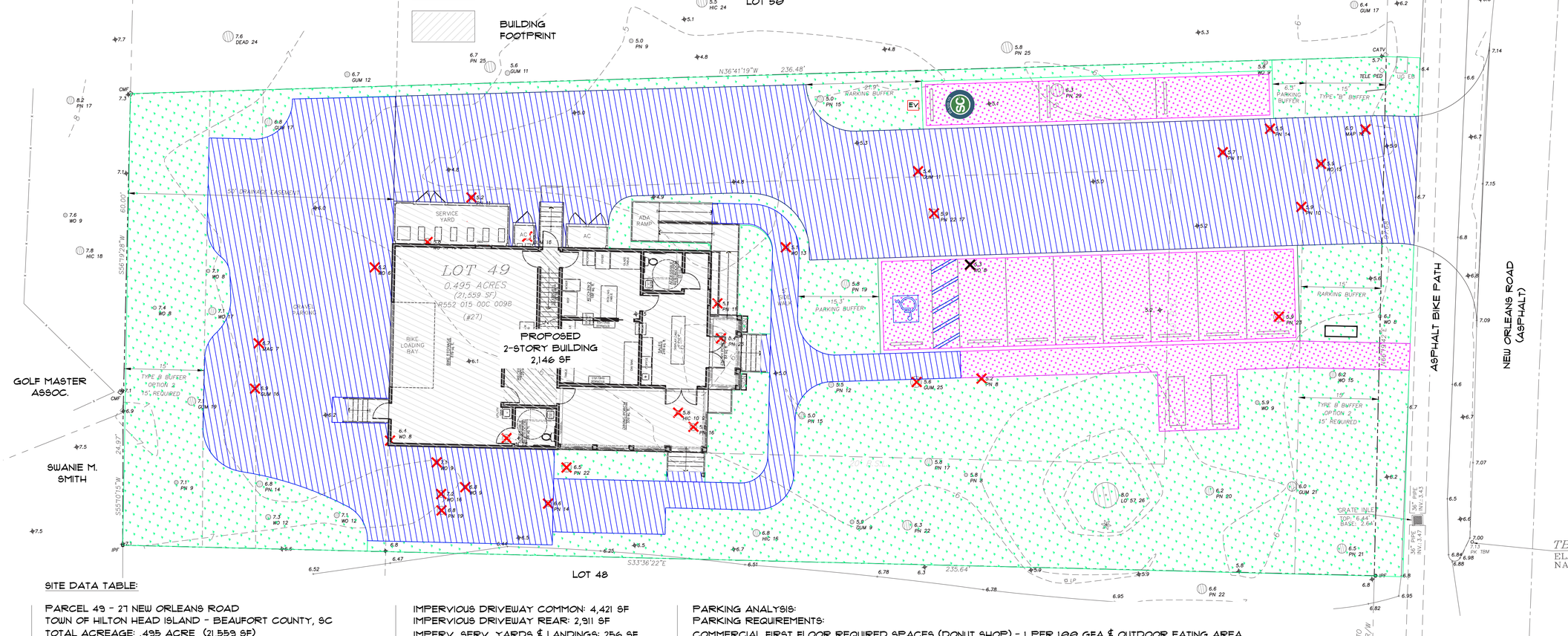
LEGEND

PERVIOUS SURFACES

OPEN SPACE VEGETATION

IMPERVIOUS SURFACES

BUILDING FOOTPRINT



SITE DATA TABLE:

PARCEL 49 - 27 NEW ORLEANS ROAD
TOWN OF HILTON HEAD ISLAND - BEAUFORT COUNTY, SC
TOTAL ACREAGE: .495 ACRE (21,559 SF)

ZONING DISTRICT: LIGHT COMMERCIAL
PRIMARY STRUCTURE: 2 STORY
COMMERCIAL FIRST FLOOR (DONUT SHOP)
- CONDITIONED: 666 SF COMMERCIAL FIRST FLOOR
- UNCONDITIONED: 420 SF PORCHES
COMMERCIAL FIRST FLOOR (BIKE WAREHOUSE)
-CONDITIONED: 1,060 SF
-UNCONDITIONED: N/A
COMMERCIAL FIRST FLOOR - FOOTPRINT NIC PORCHES: 1,060 SF
2ND FLOOR STORAGE - CONDITIONED: FRONT HALF: 360 SF
2ND FLOOR STORAGE - CONDITIONED: REAR HALF: 352 SF
-STAIRWELL CONDITIONED: 92 SF

IMPERVIOUS DRIVEWAY COMMON: 4,421 SF
IMPERVIOUS DRIVEWAY REAR: 2,911 SF
IMPERV. SERV. YARDS & LANDINGS: 256 SF
BUILDING FOOTPRINT: 2,146 SF
TOTAL IMPERVIOUS: 9,734 SF
PERVIOUS WALKWAYS: 591 SF
PERVIOUS PARKING: 2,380 SF
TOTAL PERVIOUS: 2,971 SF
TOTAL PERVIOUS PAVING: 14%

REQUIRED OPEN SPACE: MIN. 16% (3,449 SF)
PROPOSED OPEN SPACE: 8,854 SF
TOTAL PROPOSED OPEN SPACE: 41%

PARKING ANALYSIS:
PARKING REQUIREMENTS:
COMMERCIAL FIRST FLOOR REQUIRED SPACES (DONUT SHOP) - 1 PER 100 GFA & OUTDOOR EATING AREA
COMMERCIAL FIRST FLOOR REQUIRED SPACES (BICYCLE WAREHOUSE) - 1 PER 1,300 GFA & 1 PER 350 GFA OFFICE AREA
COMMERCIAL FIRST FLOOR (DONUT SHOP) - 666 GFA
COMMERCIAL FIRST FLOOR (BICYCLE WAREHOUSE) - 1,060 GFA
COMMERCIAL SECOND FLOOR (STORAGE) - 712 GFA
COMMERCIAL FIRST FLOOR PROPOSED SPACES (DONUT SHOP) - 10 SPACES
COMMERCIAL FIRST FLOOR PROPOSED SPACES (BICYCLE WAREHOUSE & OFFICE) - 2 SPACES

TOTAL PARKING REQUIRED (1 PER 100 GFA) : 12 SPACES
TOTAL PROPOSED PARKING: STANDARD CAR: 8 - ADA: 1 - EV/ADA: 1 - BICYCLE MITIGATION: 2
TOTAL PROPOSED PARKING PROVIDED: 12 SPACES

Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023

SC811

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1663
MARIA DRAWDY

Graphic Scale (In Feet) 1" =10'
0 5 10 20 40

L2

OPEN SPACE PLAN

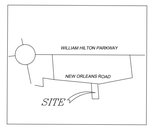
For

Alljoy BBRC & Alljoy DC

27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565



VICINITY MAP (NTS)

LEGEND

B.S.L.	BUILDING SETBACK LINE
CATV	CABLE TELEVISION
CMF	CONCRETE MONUMENT FOUND
GUM	GUM
HICK	HICKORY
IPF	IRON PIN (OLD) FOUND
LAO	LAUREL OAK
LO	LIVE OAK
LP	LIGHT POLE
MAG	MAGNOLIA
PN	PINE
TELE PED	TELEPHONE PEDESTAL
UG EB	UNDERGROUND ELECTRICAL BOX
WO	WATER OAK

LEGEND

SYMBOL	DESCRIPTION
X	TREES TO BE REMOVED
	SILT FENCE
	TREE PROTECTION FENCE

Tree Value Information:

Pre Development Tree Value: 607 ACI
Total Site Acreage: .495 AC
Maximum Impervious Cover Required: 60% (.297 AC)
Pervious Area: 40% (.198 AC)
Minimum Standard for Site: 900 ACI per Acre of Pervious Surface Area
Pre Development Trees Non Buffer & Buffer Trees to Remain Total: 607 ACI
Post Development Non Buffer Trees to Remain: 267 ACI
Post Development Buffer Trees to Remain: 46.50 ACI
Post Development Trees Non Buffer & Buffer Trees to Remain Total: 313.50 ACI
Post Development Tree Value: 900 x .198 = 178.2 ACI
Post Development Trees Non Buffer Required (1 Tree for every 10" Trees Removed) Cat. 1: 1 Tree (1 Live Oak 4" Cal.)
Post Development Trees Non Buffer Required (1 Tree for every 10" Trees Removed) Cat. 2: 19 Trees (12 Yaupon Holly 6' Ht. - 7 Dahoon Holly 2" Cal.)
Post Development Trees Non Buffer Required (1 Tree for every 10" Trees Removed) Cat. 3: 24 Trees (24 Cabbage Palmettos)
Post Development Trees Non Buffer Proposed - Cat. 1 (Min. 2", 10' Ht.): 1 @ 4" = 4 ACI
Post Development Trees Non Buffer Proposed - Cat. 2 (Min 2" - 10' Ht.): 12 @ 2" = 24 ACI, 7 @ 2.5" = 17.5 ACI Total: 31 ACI
Post Development Trees Non Buffer Proposed - Cat. 3 (Min 1" - 6' Ht.): 23 @ 12.75"= 146 ACI
Post Development Trees Non Buffer Proposed Total: 181 ACI
Post Development Trees Buffer Required (1 Tree for every 10" Trees Removed) Cat. 1: 0 Tree
Post Development Trees Buffer Required (1 Tree for every 10" Trees Removed) Cat. 2: 4 Trees (4 Dahoon Holly 2" Cal.)
Post Development Trees Buffer Required (1 Tree for every 10" Trees Removed) Cat. 3: 1 Trees (1 Cabbage Palmetto)
Post Development Trees Buffer Proposed - Cat. 1 (Min. 2", 10' Ht.): 0
Post Development Trees Buffer Proposed - Cat. 2 (Min 2" - 10' Ht.): 4 @ 2" = 6 ACI
Post Development Trees Buffer Proposed - Cat. 3 (Min 1" - 6' Ht.): 1 @ 12.74" = 6 ACI
Post Development Trees Buffer Proposed Total: 12 ACI
Post Development Trees Non Buffer & Buffer Proposed Total: 193 ACI
Post Development Trees Non Buffer & Buffer Trees to Remain & Proposed Tree Total: 506.50 ACI

LOT 50
LOT 49
0.495 ACRES
(21,559 SF)
R552 015 00C 0098
(#27)
LOT 48
N36°41'19"W 236.48'
S35°19'28"W 60.00'
S55°10'15"W 234.97'
S33°36'22"E 235.64'
50' DRAINAGE EASEMENT
20' B.S.L.
25' B.S.L.
GRAVEL DRIVE
TEMPORARY CONSTRUCTION ENTRANCE
ENTRY/EXIT
GRAVEL PARKING
PROPOSED 2-STORY BUILDING
SERVICE YARD
ADA RAMP
BIKE LOADING BAY
5' SIDE WALK
21.9' PARKING BUFFER
15.3' PARKING BUFFER
6.3' PARKING BUFFER
15' TYPE "B" BUFFER
15' PARKING BUFFER
15' TYPE B BUFFER OPTION 2 15' REQUIRED
GOLF MASTER ASSOC.
SWANIE M. SMITH
EXISTING TREE TO REMAIN, TYP.
2 L7 SILT FENCE, TYP.
BUFFER TO BE PROTECTED WITH SILT FENCING AND TREE PROTECTION FENCING, TYP.
EXISTING TREE TO BE REMOVED, TYP.
1 L7 TREE PROTECTION FENCING, TYP.
BUFFER TO BE PROTECTED WITH SILT FENCING AND TREE PROTECTION FENCING, TYP.
ASPHALT BIKE PATH
NEW ORLEANS ROAD (ASPHALT)
±195.4' TO PENSACOLA PLACE R/W
GRATE INLET TOP: 6.23' BASE: 2.36'
36" PIPE INV.: 3.23
36" PIPE INV.: 3.45
36" PIPE INV.: 3.47
GRATE INLET TOP: 6.47' BASE: 2.64'
PK TBM
CATV
TELE PED
UG EB
EV

Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023

SC811

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1663
MARIA DRAWDY

Graphic Scale (In Feet) 1" =10'
0 5 10 20 40

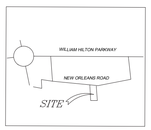
L3

SITE & TREE PROTECTION PLAN
Alljoy BBRC & Alljoy DC

27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565



VICINITY MAP (NTS)

LEGEND

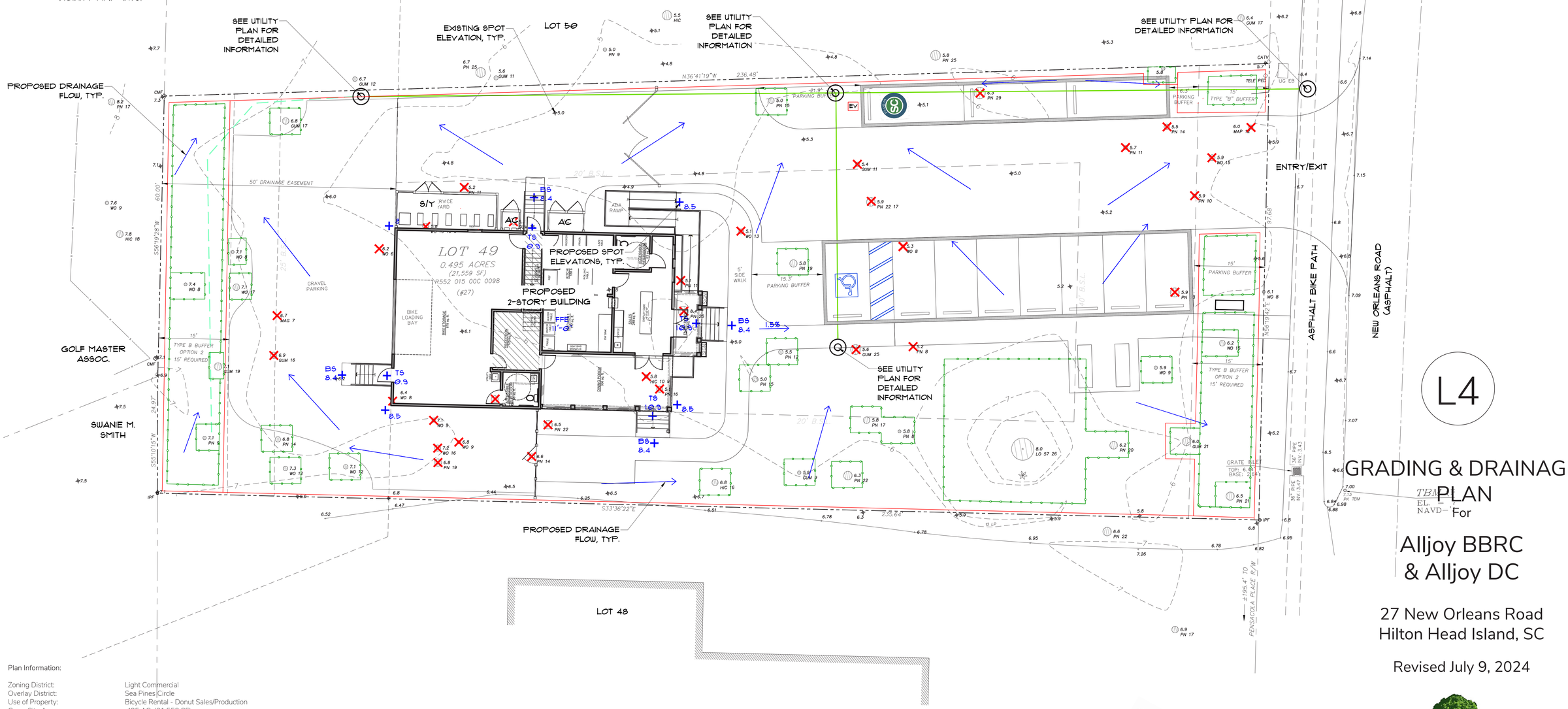
B.S.L.	BUILDING SETBACK LINE
CATV	CABLE TELEVISION
CMF	CONCRETE MONUMENT FOUND
GUM	GUM
HICK	HICKORY
IPF	IRON PIN (OLD) FOUND
LAO	LAUREL OAK
LO	LIVE OAK
LP	LIGHT POLE
MAG	MAGNOLIA
PN	PINE
TELE PED	TELEPHONE PEDESTAL
UG EB	UNDERGROUND ELECTRICAL BOX
WO	WATER OAK

LEGEND

SYMBOL	DESCRIPTION
X	TREES TO BE REMOVED
———	SILT FENCE
———	TREE PROTECTION FENCE

DRAINAGE NOTES:

1. GRADE SLOPES AWAY FROM BUILDING
2. INSTALL WALKS AND DRIVE TO ALLOW FLOW CONSISTENT WITH DRAINAGE PLAN.
3. ALL DISTURBED AREAS TO BE FERTILIZED AND EITHER SODDED, SEEDED, OR MULCHED PER LANDSCAPE PLAN.
5. CONTRACTOR TO INSTALL SILT FENCE AS NEEDED TO KEEP SEDIMENT ON-SITE.
6. CONTRACTOR TO INSURE THAT SITE DRAINAGE WILL BE MAINTAINED WITHIN THE PROPERTY BOUNDARIES AND THAT NO DRAINAGE WILL BE DIRECTED ONTO ADJACENT PROPERTIES.
7. REFER TO THE TREE AND TOPOGRAPHIC SURVEY OR BOUNDARY SURVEY BY SURVEYING CONSULTANTS FOR ALL BOUNDARY DIMENSIONS.
8. ALL DRAINAGE TO DIRECTED TOWARDS EMBANKMENT.
9. INSTALL STONE CONSTRUCTION EXIT IF NECESSARY TO KEEP MUD OR SEDIMENT OFF OF THE STREET. LOCATE STONE EXIT WHERE DRIVE WILL BE CONSTRUCTED AND BE AT A MINIMUM 14'X20'X6" DEEP.



Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023

SC811

State of South Carolina REGISTERED LANDSCAPE ARCHITECT No. 1663 MARIA DRAWDY

Graphic Scale (In Feet) 1" =10'

0 5 10 20 40

L4

GRADING & DRAINAGE PLAN

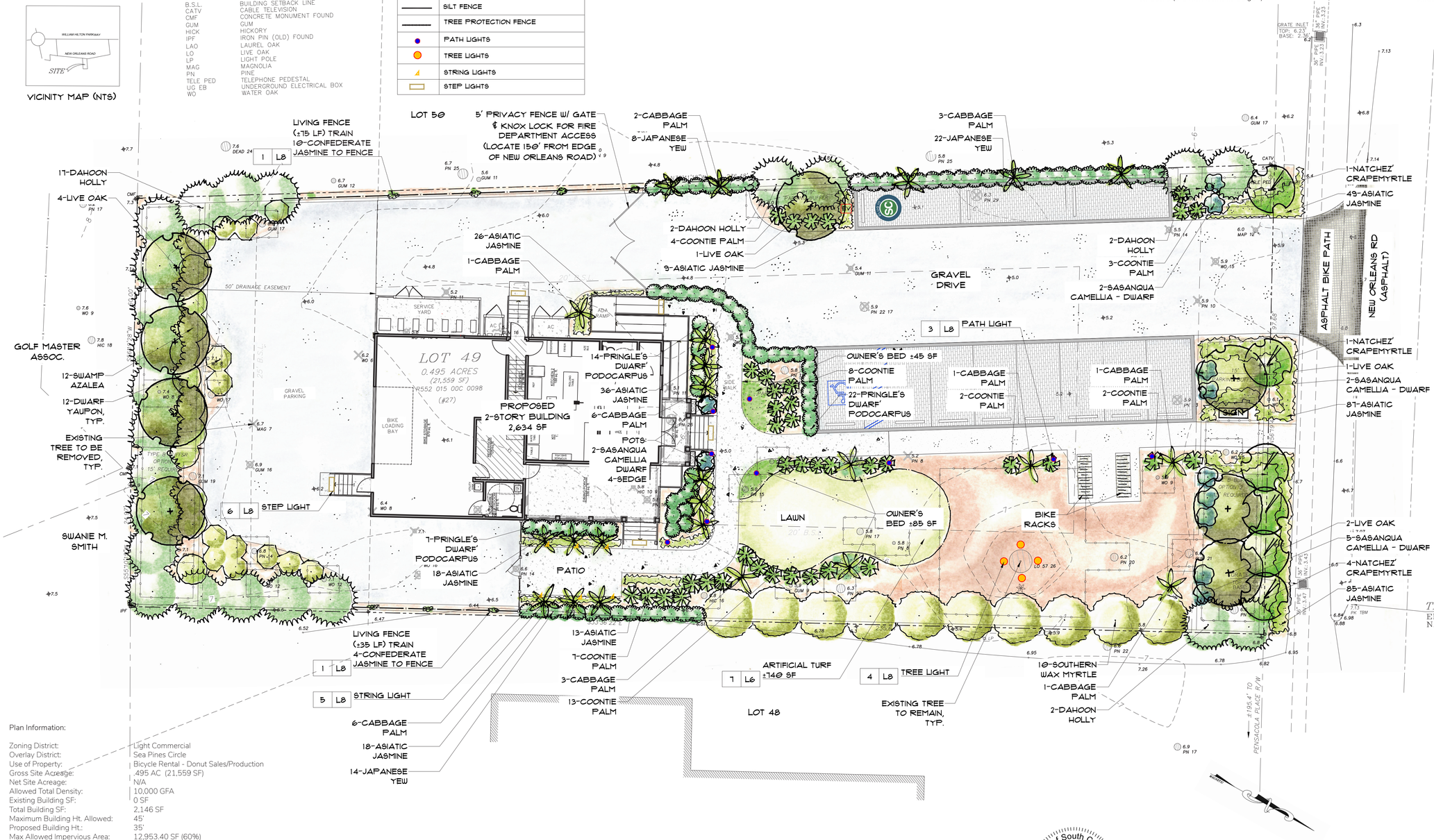
For

Alljoy BBRC & Alljoy DC

27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565



Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023

Plant Buffer Chart

New Orleans Road Buffer:
- Buffer Type: B
- Length: 68 LF
- Width 15'

Buffer Requirements:
- Over Story: 4:100 LF
- Under Story: 8:100 LF
- Shrubs: 12:100 LF

Minimum Reqd. Buffer Plantings:
- Over Story: 3
- Under Story: 6
- Shrubs: 9

Proposed Buffer Plantings:
- Over Story: 3 (Live Oak - 4" Cal.)
- Under Story: 6 ('Natchez' Crapemyrtle (2" Cal.)
- Shrubs: 9 (9-Dwarf Camellia 15 gal.)

Plant Buffer Chart

Rear Buffer:
- Buffer Type: B
- Length: 85 LF
- Width 15'

Buffer Requirements:
- Over Story: 4:100 LF
- Under Story: 8:100 LF
- Shrubs: 12:100 LF

Minimum Reqd. Buffer Plantings:
- Over Story: 4
- Under Story: 7
- Shrubs: 11

Proposed Buffer Plantings:
- Over Story: 4 (Live Oak - 4" Cal.)
- Under Story: 7 (Dahoon Holly - 2" Cal.)
- Shrubs: 12 (Swamp Azalea - 3 gal.)

SC811

State of South Carolina REGISTERED LANDSCAPE ARCHITECT No. 1663 MARIA DRAWDY

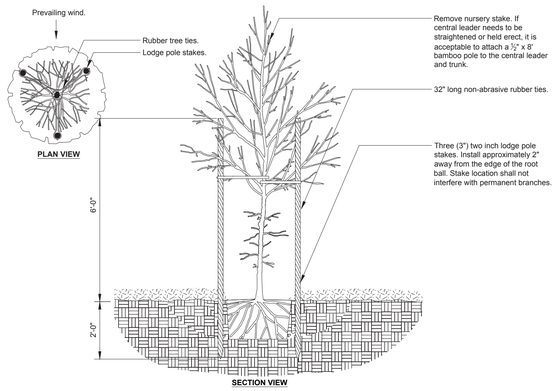
L5

LANDSCAPE PLAN
For
Alljoy BBRC & Alljoy DC

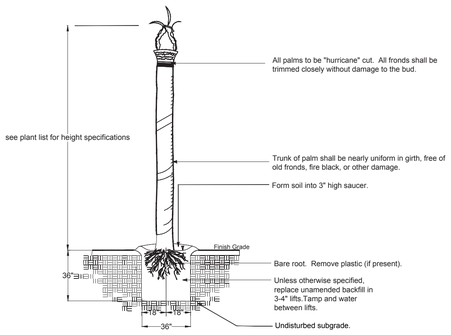
27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

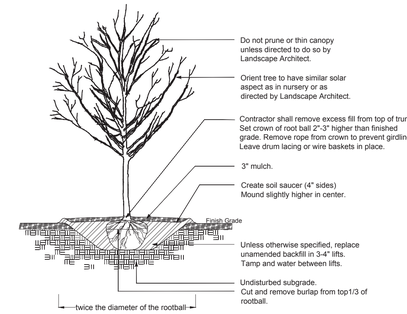
Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565



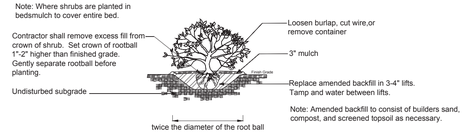
1/L6 Tree Staking - Lodge Poles (3)
Scale NTS



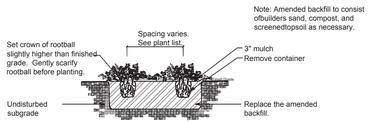
2/L6 Palm Tree Planting
Not to Scale



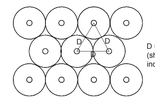
1/L6 Deciduous Tree Planting
Not to Scale



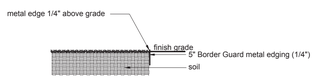
3/L6 Shrub Planting
Not to Scale



4/L6 Groundcover Planting
Not to Scale



5/L6 Typical Plant Spacing
Not to Scale



6/L6 Metal Edge
Scale NTS

7/L6 Artificial Turf
Scale NTS

Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023

PLANT SCHEDULE

Quantity	Common Name	Botanical Name	Container	Height	Spread	Caliper	Notes
Tree							
24	Cabbage Palm - Refoliated	Sabal Pametto	8'-10' Ht.				Refoliated
21	Dahoon Holly	Ilex cassine	2" Cal.				
8	Live Oak	Quercus virginiana	4" Cal.				
6	Natchez' Crapemyrtle	Lagerstroemia x 'Natchez'	2" Cal.				
Shrub							
45	Coontie Palm	Zamia pumila	3 gal.	15"-18"	10"-12"		
44	Japanese yew	Podocarpus macrophyllus	7 gal.	1.5'-2'	1'-1.25'		
43	Pringle's Dwarf' Podocarpus	Podocarpus macrophyllus 'Pringle's Dwarf'	3 gal.	12-18"			
9	Sasanqua camellia - Dwarf	Camellia sasanqua	15 gal.	42-48"		Red Flowering	
10	Southern Wax Myrtle	Myrica cerifera	15 gal.	3.5'-4'	3'-3.5'		
12	Swamp Azalea	Rhododendron viscosum	3 gal.	2'-4'	1.5'-2'		
12	Yaupon Holly	Ilex vomitoria	15 gal.	3'-4'	2.5'-3'		
Vines/Groundcover							
341	Asiatic jasmine	Trachelospermum asiaticum	1 gal.	.67"-.83			
14	Confederate Jasmine	Trachelospermum jasminoides	1 gal.	1.5'			Train to Living Fence
130 SF +/-	Owner's Bed	Owner's Bed					
2	Pots - Sasanqua camellia - Dwarf	Camellia sasanqua	3 gal.	18"-24"	12"-18"		Pots
4	Pots - Sedge	Carex oshimensis 'Everillo'	1 gal.	8"-12"	6"-10"		Pots
7,600 SF +/-	Pinestraw Mulch	Pinestraw Mulch in Disturbed Areas					

L6

PLANTING DETAILS & PLANT SCHEDULE

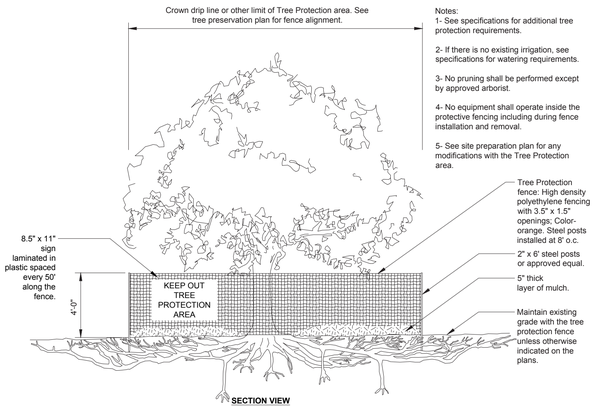
For

Alljoy BBRC & Alljoy DC

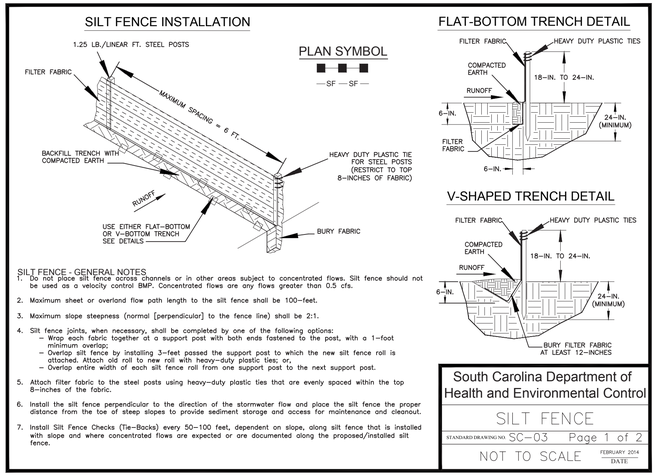
27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

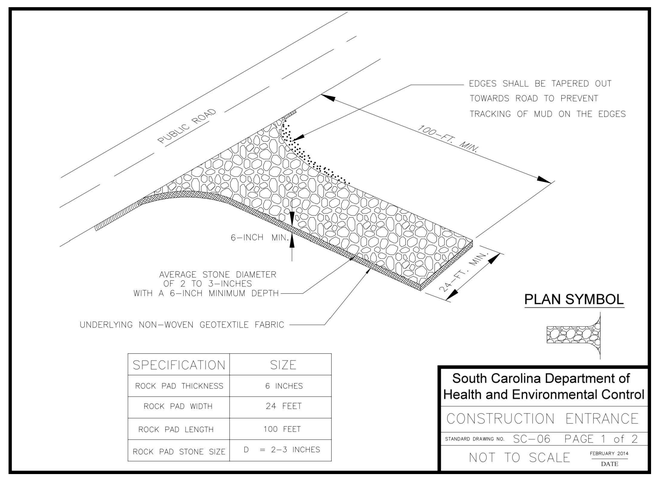
Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565



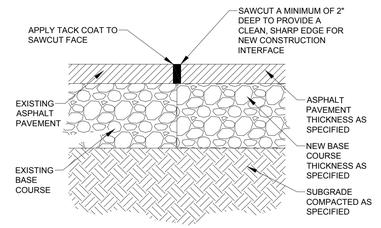
1 L7 Tree Protection Fence
Scale NTS



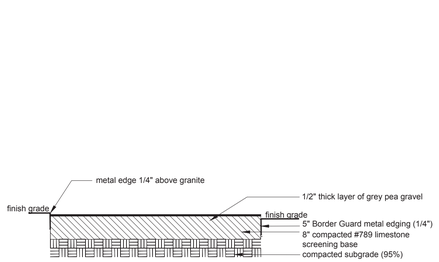
2 L7 Silt Fence
Scale NTS



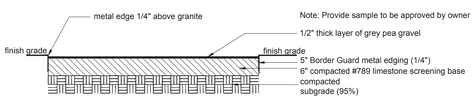
3 L7 Temporary Construction Entrance
Scale NTS



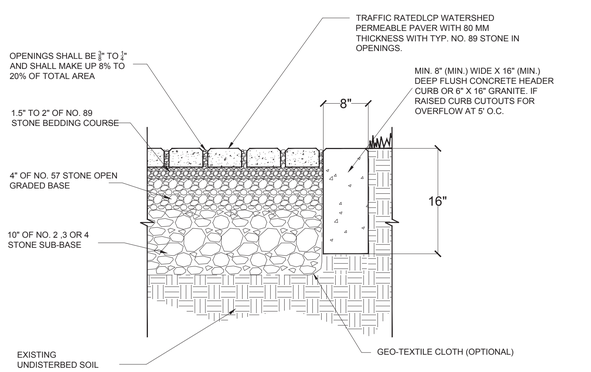
4 L7 Asphalt Pavement Tie-In
Scale NTS



5 L7 8" Gravel Drive Detail
Scale NTS



6 L7 6" Gravel Drive Detail
Scale NTS



7 L7 LC PAVER "WATERSHED" PERMEABLE PAVER
Scale NTS

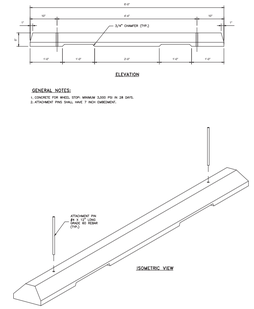
DESIGN NOTES:

1. DEPTH OF SUBBASE SUBJECT TO SITE SPECIFIC HYDRAULIC AND STRUCTURAL REQUIREMENTS. CONTACT BELGARD COMMERCIAL FOR DESIGN ASSISTANCE.
2. PAVER DIMENSIONS SUBJECT TO ASPECT AND PLAN RATIO REQUIREMENTS BASED ON TRAFFIC LOADING.
3. GEOTECHNICCAL ENGINEER NEEDS TO BALANCE STRUCTURAL STABILITY AND SOIL INFILTRATION WHEN RECOMMENDING SUBGRADE CONDITIONS.
4. WHERE FILTRATION GEOTEXTILE IS USED, VERIFY WITH THE MANUFACTURER THAT THE MATERIAL IS NOT SUBJECT TO CLOGGING AND MEETS THE REQUIREMENTS OF AASHTO-M-288.
5. ASTM NO. 2 STONE MAY BE SUBSITUTED FOR NO. 3 OR NO. 4 STONE.
6. STRICTLY PEDESTRIAN APPLICATIONS MAY SUBSTITUTE BASE/SUBBASE LAYERS WITH ONE 6" BASE LAYER OF ASTM NO. 57.
7. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION WITHOUT THE SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER.

Model: Hydrashed Classic Brick Style Permeable Pavers - 60mm
Finish: Tabby
Color: Battery Gray
Pattern: Running Bond
Size: 7 7/8" x 3 7/8"

Manufacturer Info:
Name: Lowcountry Paver
Address: 535 Stiney Road
Hardeeville, SC 29927
Phone: (888) 740-2534
Website: www.lowcountrypaver.com

Or Approved Equal

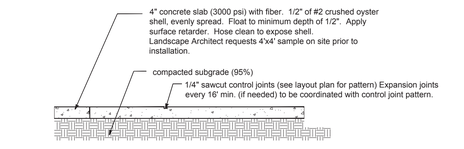


8 L7 Concrete Wheel Stop
Scale NTS

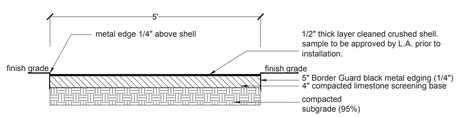
Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023



9 L7 Oyster Shell Tabby Patio & Pathway
Scale NTS

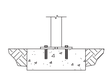


10 L7 Crushed Shell Pathway
Scale NTS

Model: H-2541GALV - Double-Sided Grid Bike Rack - 18 Bike Capacity
Finish: Powder Coat - Color: Dolphin to Match Fencing & Gates
Dimensions: 110" x 36" x 31"
Bike Capacity: 18
Mounting:

Manufacturer Info:
Name: ULine
Address: 705 Braselton Industrial Blvd.
Braselton, GA 30517
Phone: (800) 295-5510
Website: www.uline.com

Or Approved Equal



Bicycle Rack Surface Mounting

11 L7 Bicycle Rack
Scale NTS

L7

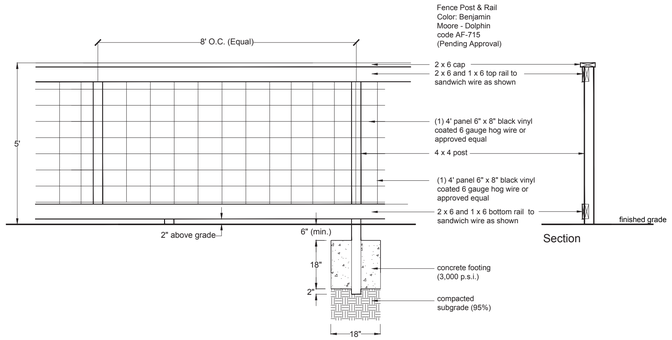
SITE DETAILS -1
For

Alljoy BBRC & Alljoy DC

27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565



Section

1 Living Fence
Scale NTS

Model: JuiceBox Pro 32
Color: White
Dimensions: H: 18.5" X W 6.8" X D 5.8"
Output: 32A, 7.7 kW
Mounting: Pedestal
Manufacturer Info:
Name:Enelx
Phone: (844) 885-5850
Website: www.enelx.com

Or Approved Equal

R7-111

Sign Post Color to Match Service Yard PT Hogboard
Color: Dolphin.

2 Electric Vehicle Charging Station & Signage
Scale NTS

Model: 1565BZ - Hinkley 300-Lumen 2.5-Watt Bronze Low Voltage Low Voltage LED Outdoor Step and Stair light (2700 K)
Material: Aluminum
Finish: Bronze
Bulb: LED
Wattage: 2.5 Watts
Temperature: 2,700 K
Quantity: 5
Manufacturer Info:
Name: Hinkley
Website: www.lowes.com

Or Approved Equal

3 Step Light
Scale NTS

FOCUS INDUSTRIES

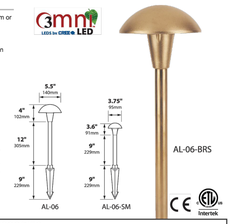
AREA LIGHTS AL06 SERIES

LED READY

TYPE

SPECIFICATIONS

CONSTRUCTION: Cast aluminum or cast brass Mushroom Hat; matching extruded aluminum or brass stanchion
LAMP SUPPLIED: 18w S8 #1141; 1200 hours average rating (25w max.)
LAMP OPTIONS: We recommend 3w 50,000 hours average rating OMNI-3 LED (-LED3) or OMNI-3 Super Saver (-LED3SS) 10,000 hours average rating 20w Xenon (-X) or 20w Halogen (-H)
SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s); double contact bayonet base (Ba15d) for 120v, both with 200° 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.
120v standard wiring
CONNECTION: FA-05 Quick Connector (not supplied) from fixture to main cable (12/2, 10/2 or 8/2 only) 12v only
MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS
FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available.
Brass-Unfinished brass. Optional finishes available.



ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	LAMP	SHIP WEIGHT
AL06L12BLT	Cast Aluminum 5.5" Mushroom Hat	18w S8 #1141	2.0 lbs.
AL06L12BRS	Cast Brass 5.5" Mushroom Hat	18w S8 #1141	3.0 lbs.
AL06SML12BLT	Cast Aluminum 3.75" Mushroom Hat	18w S8 #1141	2.0 lbs.
AL06SML12BRS	Cast Brass 3.75" Mushroom Hat	18w S8 #1141	3.0 lbs.

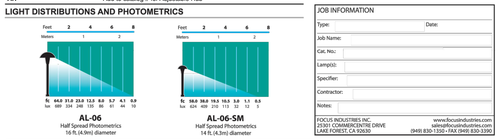
MOUNTING ACCESSORIES

BEAM/GLARE CONTROL ACCESSORIES

FA9706 AL06 Sprinkler Guard / Glare Shield
FA9706SM AL06SM Sprinkler Guard / Glare Shield

-AH Add to catalog # for Adjustable Hub

LIGHT DISTRIBUTIONS AND PHOTOMETRICS



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

Black Texture Shadowed	Bronze Textura	Luna	White Textura	Hunter Textura	Rust	Weathered Wire	Weathered Bronze	Stucco	Rubbed Verde	Chrome Pewter	Acid Rust	Acid Verde	Black Acid Treatment
-BLT	-BRT	-LUN	-WTX	-HTX	-RST	-WIR	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT
											BRASS & COPPER ONLY		

AL06 Spec Sheet 080723

Model: AL06-SM - Cast Aluminum Mushroom Hat with matching extruded Aluminum Stanchion
Finish: Aluminum-Black Texture Polyester Powder Coat - Stucco Finish
Bulb: Omni Super Saver LED (L12)
Wattage: 3 Watts
Temperature: 3,000 K
Mounting: Stake
Quantity: 16

Manufacturer Info:
Name: Focus Industries, Inc.
Address: 25301 Commerce Center Drive
Lake Forest, CA 92630
Phone: (949) 830-1350
Website: www.focusindustries.com

Or Approved Equal

4 Path Light
Scale NTS

Model: GH94389-04B - Waterproof Aluminum Glass Ball Outdoor Chandelier Light Hanging Chain Adjustable - 7" Dia. x 9" Ht. - Finish: Galvanized
Finish: Bronze
Bulb: LED
Wattage: 3 Watts
Temperature: 3,000 K
Mounting: 19.6" Adjustable Hanging Chain
Quantity: 4

Manufacturer Info:
Name: Fly Achilles
Address: Unit 616, 6/F. KAM Team Industrial Building, 135 Connaught Road West
Sai Wan, Hong Kong
Phone: (888) 968-3635
Website: www.flyachilles.com

Or Approved Equal

5 Tree Light
Scale NTS

Model: 210068015 - Commercial Grade weatherproof indoor/outdoor Vintage Edison-Type Cafe Lights
Finish: Black Wire
Bulb: LED
Wattage: 40 Watts
Mounting: Hanging
Quantity: 4
Manufacturer Info:
Name: Home Depot
Website: www.homedepot.com

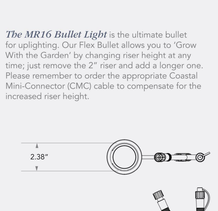
Or Approved Equal

6 String Light
Scale NTS

COASTAL SOURCE

MR16 BULLET LIGHT FLEX SERIES

The MR16 Bullet Light is the ultimate bullet for uplighting. Our Flex Bullet allows you to 'Grow With the Garden' by changing riser height at any time; just remove the 2" riser and add a longer one. Please remember to order the appropriate Coastal Mini-Connector (CMC) cable to compensate for the increased riser height.



VINTAGE

MR16 BULLET SPECIFICATIONS

Size (H x W): 11.38" x 2.38" (Ø) above ground
Weight: 4.0 lbs
Construction: Solid Brass
Voltage: 7-18VAC/7-24VDC
Finish: Vintage Brass
Riser: 2"
Shroud: 360° Rotational with O-Ring
Lamp: MR16 LED
Wattage: Maximum 9W G3 LED Lamp
Lens: Clear Flat Borosilicate Glass
Mounting: 8" Removable Tip Stake
Fixture Connector: CMC Male Direct Connector
Wiring: Removable 6" CMC-CC Y-Cable (included)

OUTDOOR LIGHTING AND AUDIO
[ENGINEERED] FOR LIFE

2065
CE NO.: LIST
(SA122.2627-87
UL 889

coastalsource.com

Model: MR16 Bullet
Finish: Vintage Brass
Bulb: MR16 LED
Wattage: 6 Watts
Mounting: Stake
Quantity: 13
Manufacturer Info:
Name: Coastal Source
Address: 1270 Glen Avenue
Moorestown, NJ 08057
(800) 719-1996
Website: www.coastalsource.com

Or Approved Equal

7 Up Light
Scale NTS

Plan Information:

Zoning District:	Light Commercial
Overlay District:	Sea Pines Circle
Use of Property:	Bicycle Rental - Donut Sales/Production
Gross Site Acreage:	.495 AC (21,559 SF)
Net Site Acreage:	N/A
Allowed Total Density:	10,000 GFA
Existing Building SF:	0 SF
Total Building SF:	2,146 SF
Maximum Building Ht. Allowed:	45'
Proposed Building Ht.:	35'
Max Allowed Impervious Area:	12,953.40 SF (60%)
Current Impervious Area:	0
Proposed Impervious Area:	9,734 sf (45%)
Min. # Parking Spaces Reqd:	12 spaces
Exist. # Parking Spaces:	0
Proposed Parking Spaces:	12 Spaces (8 Standard Spaces - 1 ADA Space - 1 EV Space - 2 Bicycle Mitigation Spaces)
Proposed Bicyle Parking:	30 Spaces (20 Spaces to Mitigate for 2 Vehicle Parking Spaces)

Date of Original Submittal: December 1, 2023

SC811

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1663
MARIA DRAWDY

L8

SITE DETAILS - 2

For

Alljoy BBRC & Alljoy DC

27 New Orleans Road
Hilton Head Island, SC

Revised July 9, 2024

Prepared By:
MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565

Code Analysis

Physical Address

27 New Orleans Road
Hilton head Island, SC 29928

Applicable Codes

2021 International Building Code with SC modifications
2021 South Carolina Fire Code with SC modifications
2021 International Mechanical Code with SC modifications
2021 International Plumbing Code with SC modifications
2020 National Electrical Code (NFPATO) with SC modifications
2009 International Energy Conservation Code

Project Description

New construction for a single building
divided into two businesses. The front portion
to be a Donut Shop and the rear portion
to be a Bicycle Rental Shop.

Occupancy Classification

Donut Shop - Group B (section 303.1.2)
Bike Rental - Group B

Proposed Square Footages

Overall Heated (excludes walls) = 2530 square feet
First floor = 1726
Second floor = 804

DONUT SHOP

DINING PORCH	= 336 SQ. FT.
SALES	= 248 SQ. FT.
ENTRY PORCH	= 84 SQ. FT.
KITCHEN 1	= 177 SQ. FT.
KITCHEN 2	= 188 SQ. FT.
RESTROOM	= 53 SQ. FT.
STORAGE	= 360 SQ. FT.

BICYCLE RENTAL SHOP

BIKE STORAGE	= 879 SQ. FT.
RECEPTION	= 125 SQ. FT.
RESTROOM	= 56 SQ. FT.

TOTAL = 1289 SQ. FT.

Construction Makeup

Raised concrete slab with wood framed structure

Type of Construction

VB

Occupant Loads

DONUT SHOP

Dining Porch - 336 / 15 net	= 22.4
Kitchen 1 - 177 / 200 gross	= .89
Kitchen 2 - 188 / 200 gross	= .94
Sales - 248 / 60 gross	= 4.13
Upstairs Accessory storage - 360 / 300 gross	= 1.2

DONUT SHOP = 30 occupants

BICYCLE RENTAL SHOP

Reception - 125 / 150 gross	= .83
Bike storage - 879 / 300 gross	= .89
Kitchen 2 - 188 / 200 gross	= .94
Upstairs Accessory storage - 352 / 300 gross	= 1.17

BICYCLE RENTAL SHOP = 5 occupants

Allowable Building Height

40 feet (Table 504.3)

Allowable Number of Stories

2 stories (Table 504.4)

Allowable building Area

9000 square feet (Table 506.2)

Minimum Number of Exits

2 exits (table 1006.3.3)

Maximum Exit Access Travel Distance

Stories with one exit (Table 1006.3.4(2))

FIRST STORY ABOVE GRADE
maximum occupants = 49
maximum travel distance = 75 feet
SECOND FLOOR
maximum occupants = 29
maximum travel distance = 75 feet

Stairways

Section 1011
Minimum Width 36"
Riser - 7" max. 4 min. height
Tread - 11" min. depth
Vertical Rise - 12 feet max. for flight
Handrails - each side

Required Separation of Occupancies

No separation required (Table 508.4)

Interior Exit Stairways and Ramps (section1023)

One hour fire rated enclosure and
one hour fire rated ceiling at reception

Exterior Exit Stairways and Ramps (section1027)

No rated wall required (1027.6 exception1)

Opening Fire Protection (Table 716.1(21))

One hour rated door required

Sprinklers

Not required

Fire Alarm (F) 907.2.2

Not required

Bulk storage of tires (F) 903.2.9.2
bike shop less than 20,000 cubic feet

Accessibility Chapter 11

Building required to be accessible

Other Disciplines

Mechanical, Plumbing, Electrical, Structural and Civil engineering plans must be completed by state licensed engineers.

Kitchen

S.C. DHEC must approve kitchen layout, equipment and finish materials.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS, AND REQUIRED MINIMUN FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIESPRIOR TO COMMENCEMENT OF CONSTRUCTION.

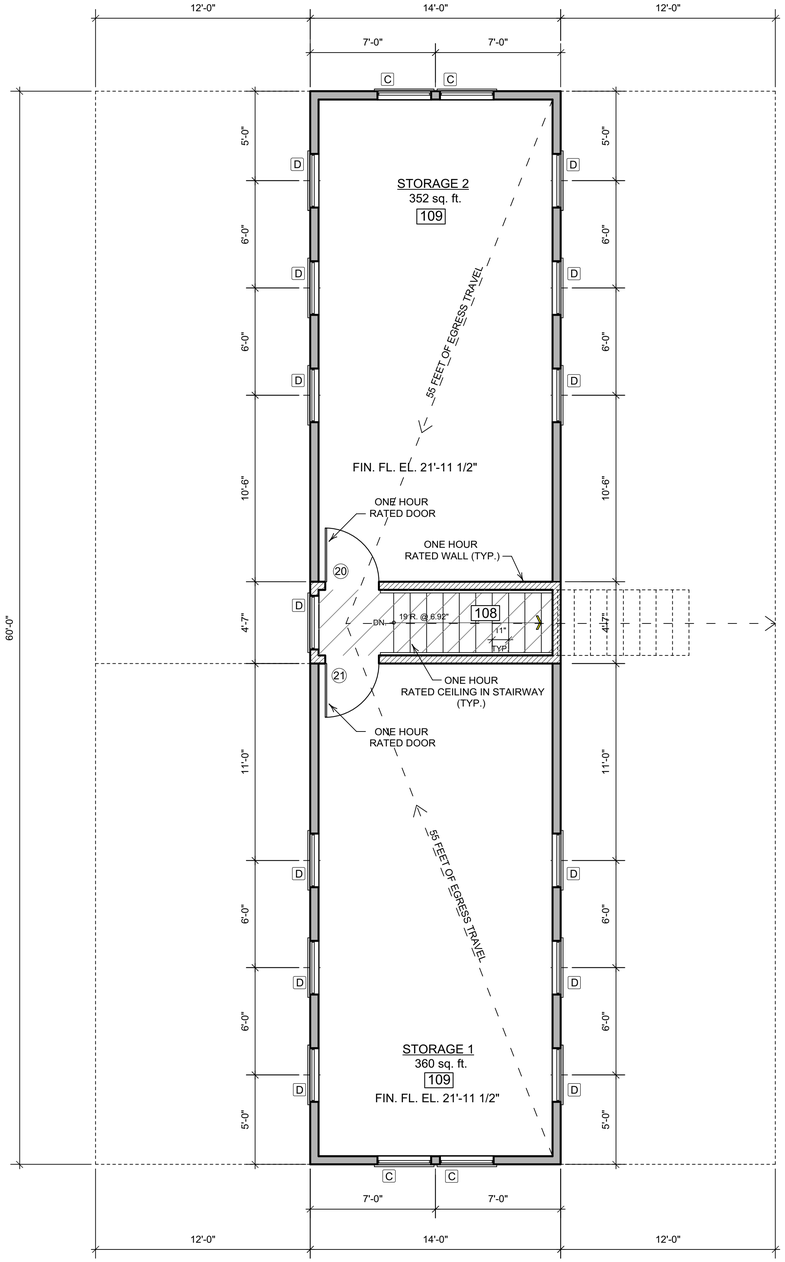
THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

ALLJOY BBRC & ALLJOY DC
27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

architects
380 Spanish Wells Road - Ste. B4
Hilton Head Island, SC 29926
843-342-7884 | 843-686-5566
smeurisse@sbcglobal.com

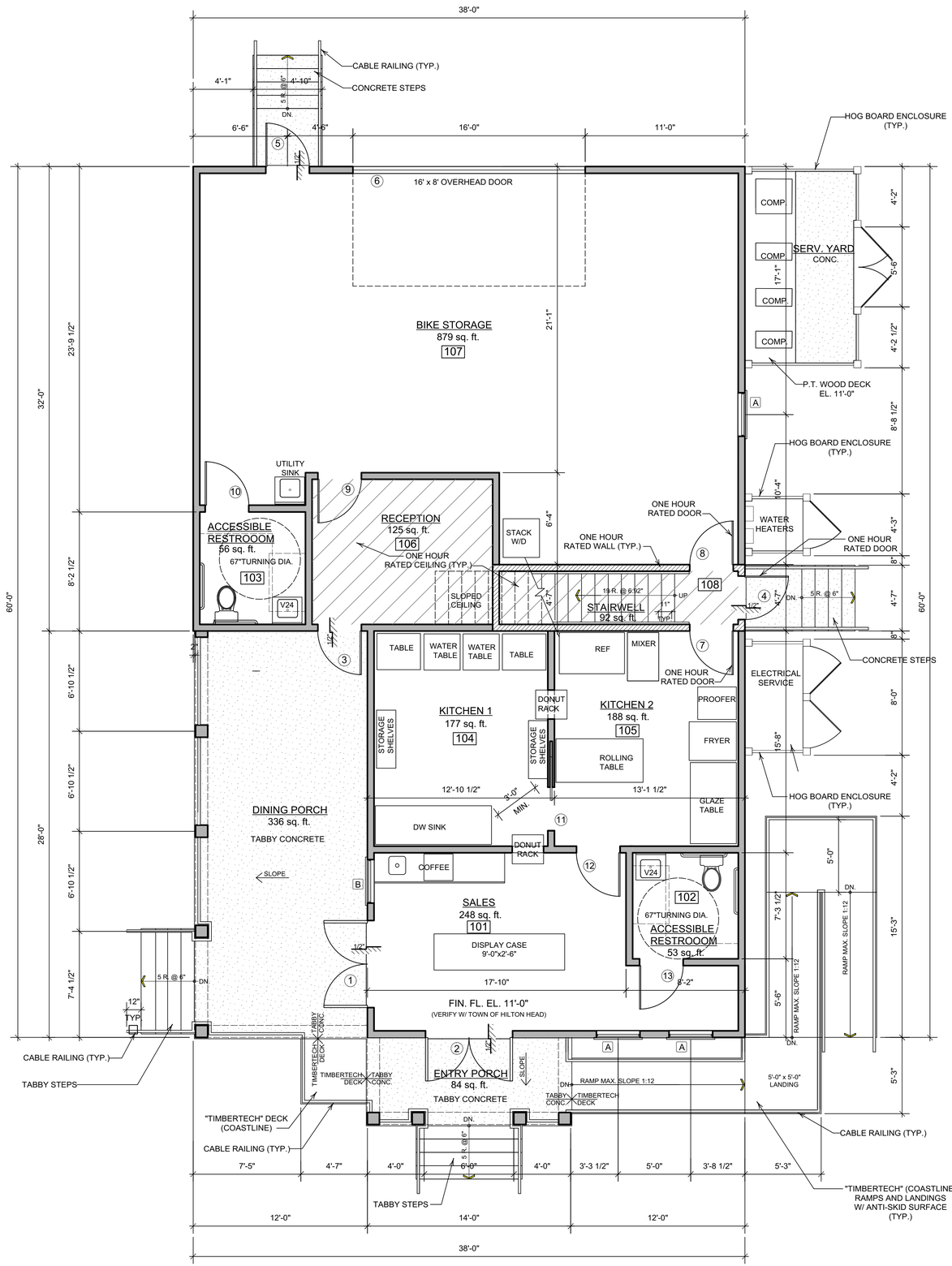
A-0

7 - 9 - 2024



SECOND FLOOR PLAN

1/4" = 1'-0"



FIRST FLOOR PLAN

1/4" = 1'-0"

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS, AND REQUIRED MINIMUM FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

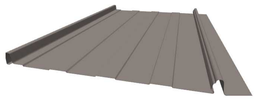
ALLJOY BBRC & ALLJOY DC

27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

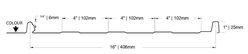
awa architects
386 Spanish Wells Road - Ste. B4
Hilton Head Island, SC 29926
843-342-3868 / 843-368-0886
amsarchitects@bellsouth.net

A-1

7 - 12 - 2024

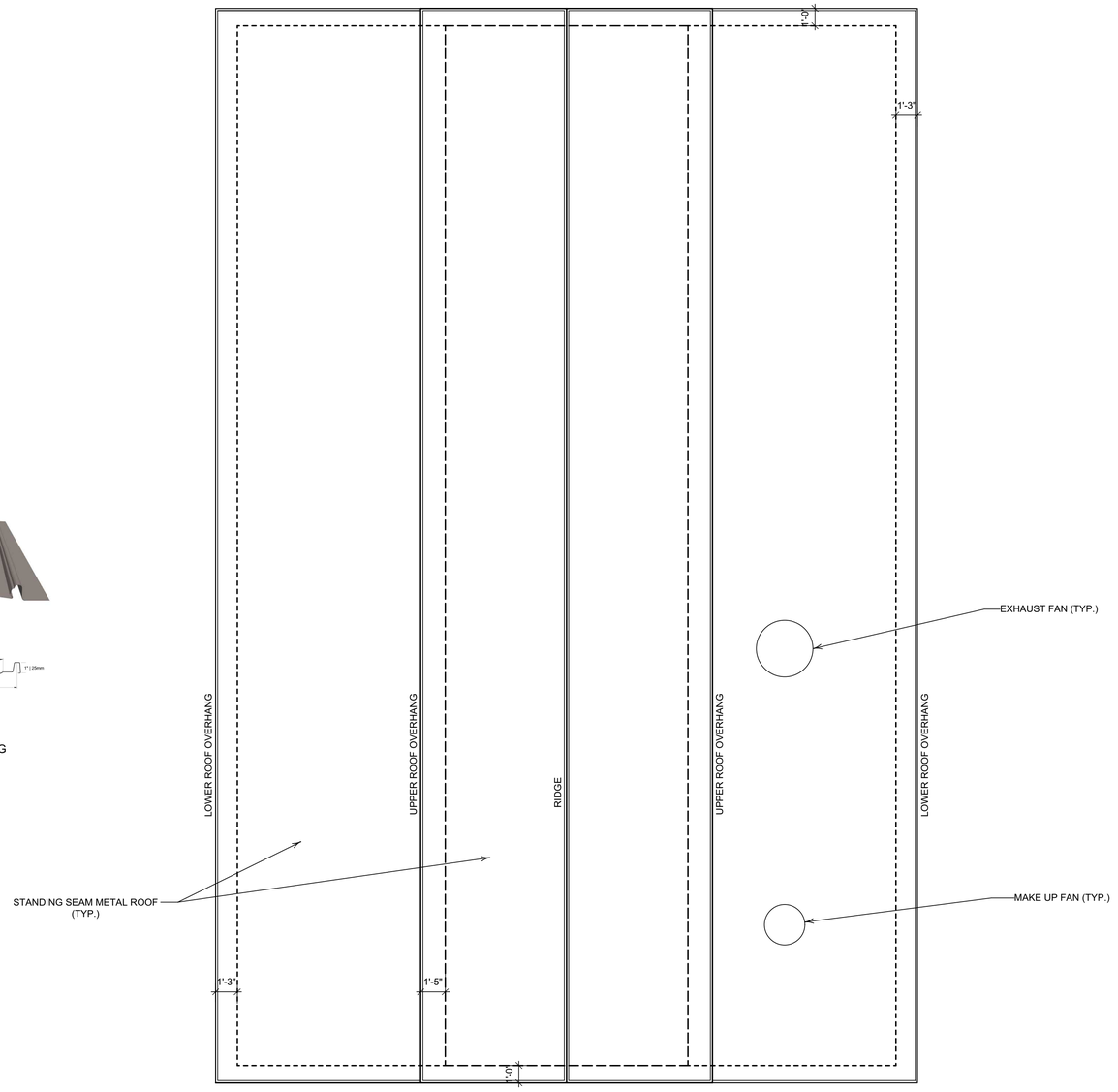


COLOR: "STONE GREY"



METAL ROOF

WESTMAN STEEL ROOFING



ROOF PLAN

1/4" = 1'-0"

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS, AND REQUIRED MINIMUN FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIESPRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

ALLJOY BBRC & ALLJOY DC

27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

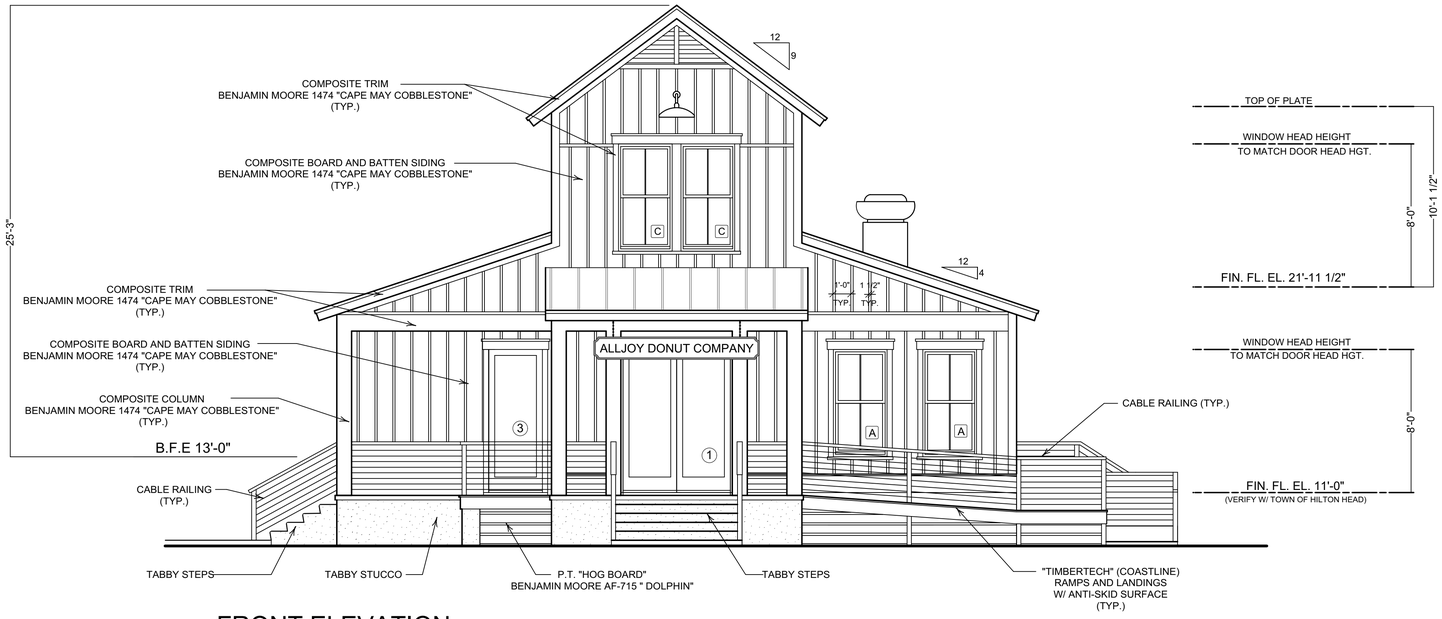
architects
386 Spanish Wells Road - Ste. B4
Hilton Head Island, SC 29926
843-342-7858 | 843-689-3366
smoorhhi@bellsouth.net

A-2

7 - 9 - 2024

Natural Raw Copper / Brass Outdoor Gooseneck Lighting - LED Gooseneck Barn Light - OGN-925-RC
aqlightinggroup.com

EXTERIOR LIGHT



FRONT ELEVATION

1/4" = 1'-0"

COLOR: "STONE GREY"

METAL ROOF

WESTMAN STEEL ROOFING

RIGHT SIDE ELEVATION

1/4" = 1'-0"

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS, AND REQUIRED MINIMUN FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIESPRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

ALLJOY BBRC & ALLJOY DC
27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

architects
386 Spanish Wells Road - Ste. B4
Hilton Head Island, SC 29926
843-342-7858 | 843-368-5566
anwarchitects@sbcglobal.com

A-3

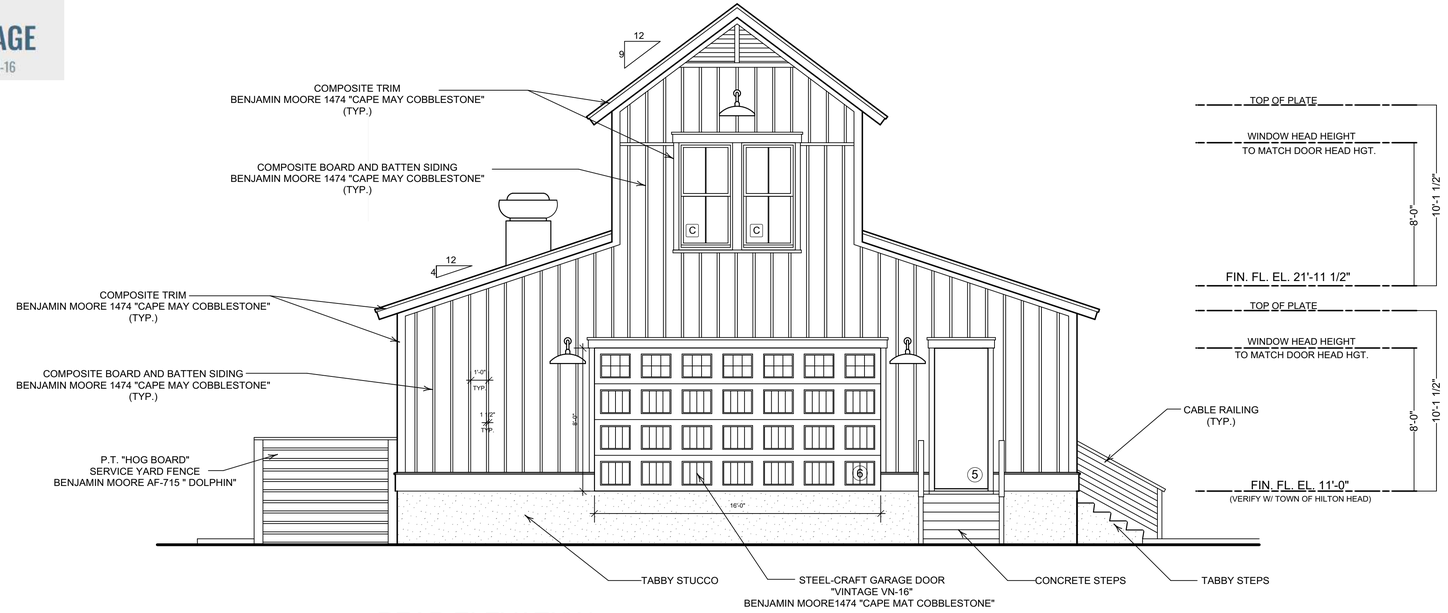
7 - 9 - 2024

VINTAGE

MODELS: VN-16

GARAGE DOOR

STEEL-CRAFT



REAR ELEVATION

1/4" = 1'-0"

LEFT SIDE ELEVATION

1/4" = 1'-0"

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS, AND REQUIRED MINIMUN FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCESPRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

ALLJOY BBRC & ALLJOY DC
27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

architects
386 Spanish Wells Road - Ste. B4
Hilton Head Island, SC 29926
843-342-7858 | 843-686-5566
smeurisse@sbcglobal.com

A-4

7 - 12 - 2024

DOOR SCHEDULE

PLYGEM-ALUMINUM CLAD
PAINTED-CAPE MAY COBLESTONE

MARK	TYPE	SIZE	MODEL #	REMARKS
FIRST FLOOR				
1	EXT.,CLAD / GLASS	PR. 3'-0" x 8'-0"	PLYGEM	FULL GLASS, SECURITY
2	EXT.,CLAD / GLASS	PR. 3'-0" x 8'-0"		FULL GLASS, SECURITY
3	EXT.,CLAD / GLASS	3'-0" x 8'-0"		FULL GLASS, SECURITY
4	EXT. METAL	3'-0" x 8'-0"		ONE HOUR FIRE RATED PER IRC SECT.309.1
5	EXT. METAL	3'-0" x 8'-0"		SECURITY
6	EXT. METAL/GLASS	16'-0" x 8'-0"		OVERHEAD GARAGE DOOR
7	INT. INSULATED	3'-0" x 8'-0"		ONE HOUR FIRE RATED PER IRC SECT.309.1
8	INT. INSULATED	3'-0" x 8'-0"		ONE HOUR FIRE RATED PER IRC SECT.309.1
9	INT. INSULATED	3'-0" x 8'-0"		20-MIN. FIRE RATED PER IRC SECT.309.1
10	INT. INSULATED	3'-0" x 8'-0"		
11	INTERIOR	3'-0" x 8'-0"		POCKET
12	INTERIOR	3'-0" x 8'-0"	PLYGEM	
13				
14				
SECOND FLOOR				
20	INTERIOR	3'-0" x 8'-0"	PLYGEM	ONE HOUR FIRE RATED PER IRC SECT.309.1
21	INTERIOR	3'-0" x 8'-0"	PLYGEM	ONE HOUR FIRE RATED PER IRC SECT.309.1

FINISH SCHEDULE

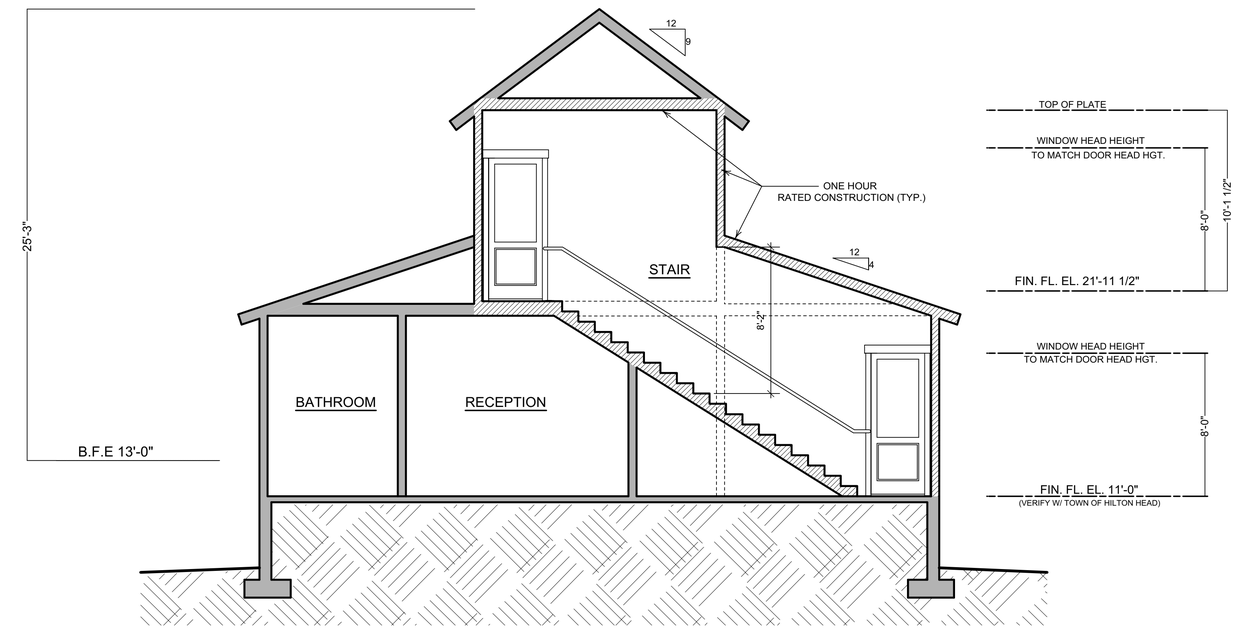
MARK	ROOM NAME	FLOOR		WALL		CEILING		
		MATERIAL	BASE	MATERIAL	FINISH	MATERIAL	FINISH	HEIGHT
101	SALES	WOOD	WOOD	WOOD / SHEETROCK	PAINTED	WOOD / SHEETROCK	PAINTED	10'-0"
102	RESTROOM	PORCELAIN TILE	VINYL COVE	VWC		SHEETROCK	PAINTED	10'-0"
103	RESTROOM	PORCELAIN TILE	VINYL COVE	VWC		SHEETROCK	PAINTED	10'-0"
104	KITCHEN 1	PORCELAIN TILE	VINYL COVE	FRP		SHEETROCK	PAINTED	10'-0"
105	KITCHEN 2	PORCELAIN TILE	VINYL COVE	FRP		SHEETROCK	PAINTED	10'-0"
106	RECEPTION	WOOD	WOOD	WOOD / SHEETROCK	PAINTED	SHEETROCK	PAINTED	10'-0"
107	BIKE STORAGE	CONCRETE	WOOD	WOOD / SHEETROCK	PAINTED	SHEETROCK	PAINTED	10'-0"
108	STAIR	WOOD	WOOD	WOOD / SHEETROCK	PAINTED	SHEETROCK	PAINTED	VARIES
109	STORAGE	PLYWOOD	WOOD	WOOD / SHEETROCK	PAINTED	SHEETROCK	PAINTED	10'-0"

FRP – Fiberglass Reinforced Panels
VLT – Vinyl Lay-in Ceiling Tile
VWC – Vinyl Wallcovering

WINDOW SCHEDULE

PLYGEM-ALUMINUM CLAD
PAINTED-CAPE MAY COBLESTONE

MARK	TYPE	SIZE	QTY.	HEADER HGT.	REMARKS
		WIDTH / HGT.		TO MATCH DOOR HEAD HGT. @	
FIRST FLOOR					
A	DOUBLE HUNG	3'-0" x 6'-0"	3	8'-0"	OPERABLE
B	DOUBLE HUNG	3'-0" x 4'-6"	1	8'-0"	OPERABLE
SECOND FLOOR					
C	DOUBLE HUNG	3'-0" x 6'-0"	4	8'-0"	OPERABLE
D	FIXED	3'-0" x 3'-0"	13	8'-0"	



BUILDING SECTION

1/4" = 1'-0"

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS, AND REQUIRED MINIMUN FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIESPRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

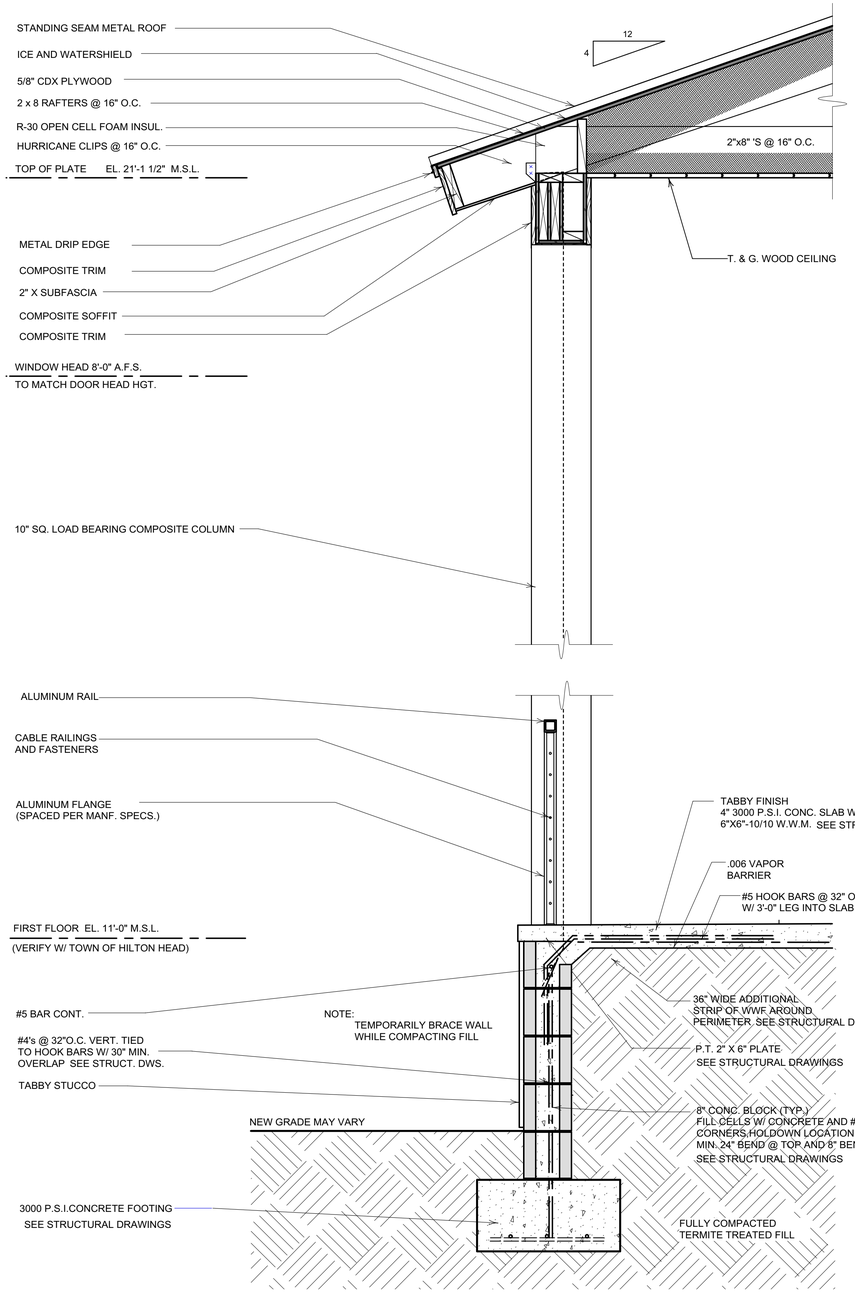
ALLJOY BBRC & ALLJOY DC
27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

architects
386 Spanish Wells Road - Ste. B4
Hilton Head Island, SC 29926
843-342-7768 / 843-368-3086
amsarchitects@imgrp.com

A-5

7 - 12 - 2024

NOTE:
ATTIC WILL BE UNVENTED

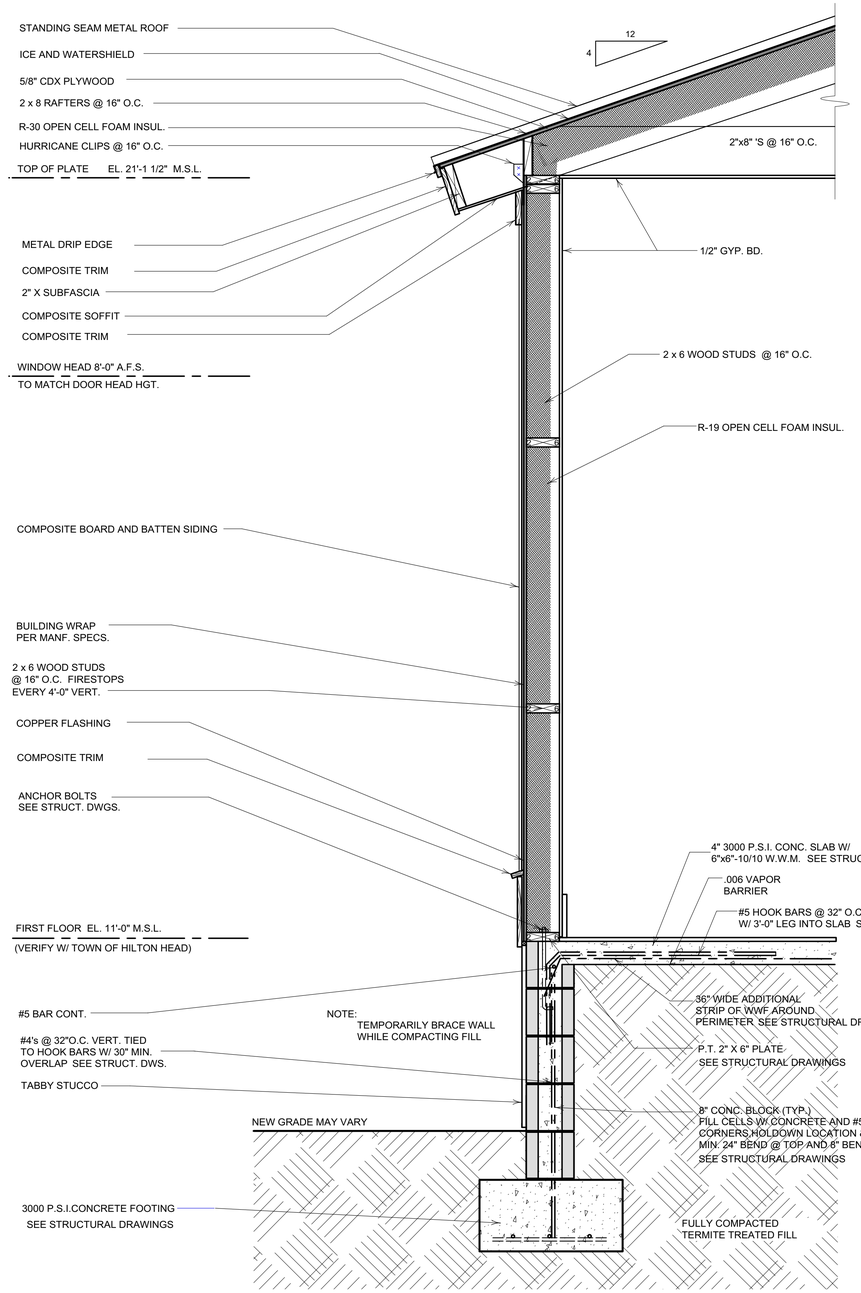


COVERED PORCH WALL SECTION
1"=1'-0"

NOTE:
SEE STRUCTURAL ENGINEER DRAWINGS
FOR STRUCTURAL LAYOUT AND SIZES

NOTE: COORDINATE WITH STRUCTURAL DRAWINGS

NOTE:
ATTIC WILL BE UNVENTED



TYPICAL WALL SECTION
1"=1'-0"

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS AND REQUIRED MINIMUN FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIESPRIOR TO COMMENCEMENT OF CONSTRUCTION.

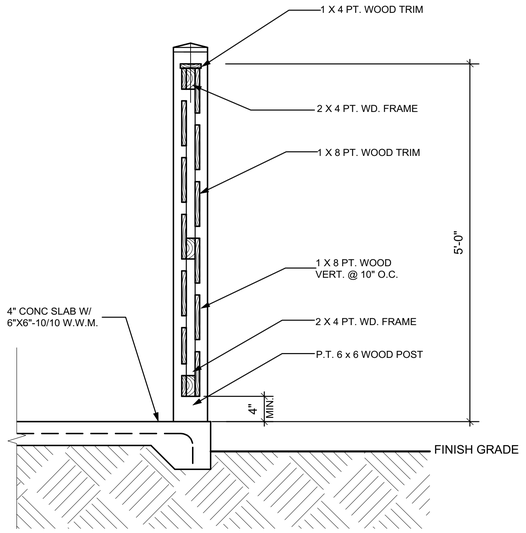
THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

ALLJOY BBRC & ALLJOY DC
27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

AMD architects
386 Spanish Wells Road - Ste. B4
Hilton Head Island, SC 29926
843 342 7869 / 843 686 3866
amdarchitects@bellsouth.com

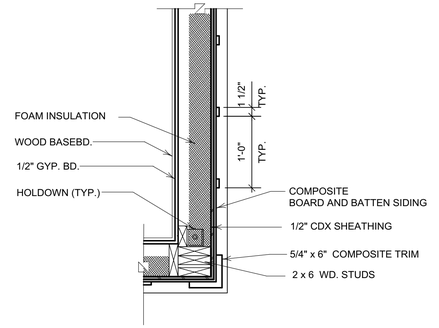
A-6

7 - 9 - 2024



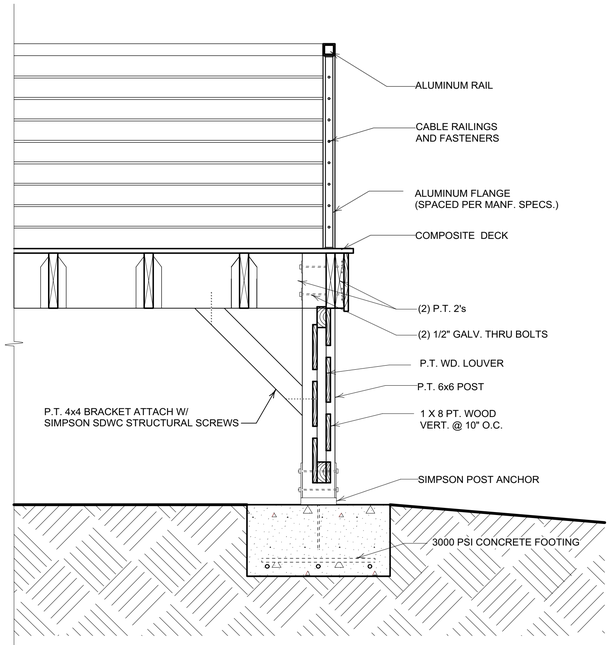
MECH. EQUIP./TRASH YARD DETAIL

1"=1'-0"



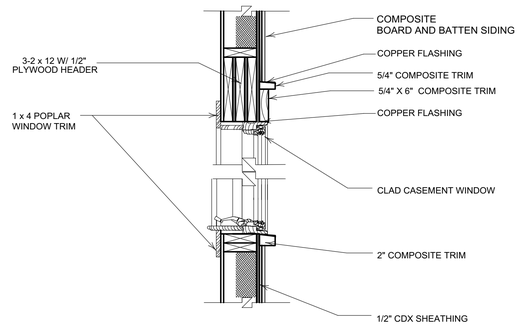
TYPICAL CORNER

1"=1'-0"



WOOD DECK DETAIL

1" = 1'-0"



WINDOW DETAIL

1"=1'-0"

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS AND REQUIRED MINIMUN FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIESPRIOR TO COMMENCEMENT OF CONSTRUCTION.

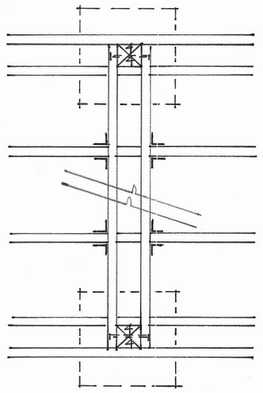
THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

ALLJOY BBRC & ALLJOY DC
27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

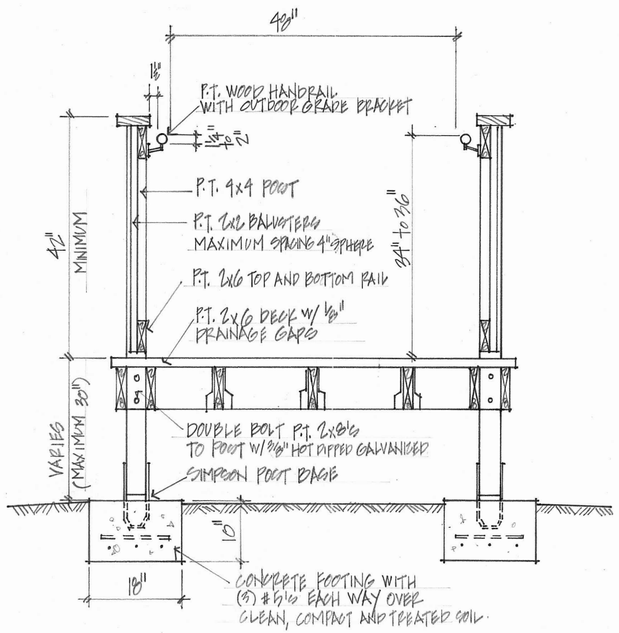
architects
386 Spanish Wells Road · Ste. B4
Hilton Head Island, SC 29926
843.342.7869 / 843.686.3986
amsarchitects@hargray.com

A-7

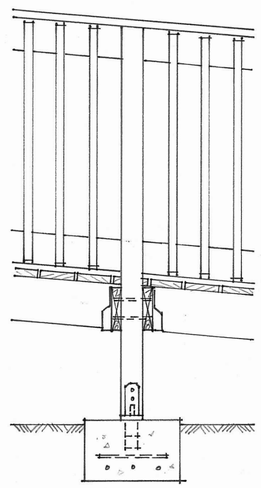
7 - 9 - 2024



RAMP AND DECK FRAMING PLAN SCALE OF 1"=1'-0"

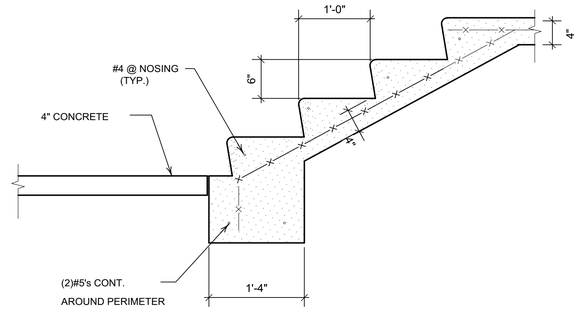


RAMP AND DECK SECTION SCALE OF 1"=1'-0"
(PERPENDICULAR TO SLOPE)



RAMP AND DECK SECTION SCALE OF 1"=1'-0"
(PARALLEL TO SLOPE)

STAIRS - SECTION 1011 IBC
MINIMUM WIDTH - 44"
RISER HEIGHT - 4" to 7"
TREAD DEPTH - 11" MINIMUM
UNIFORMITY - ⅜" MAX TOLERANCE
NOSING - 1/16" to 9/16" CURVED OR BEVELED
1¼" MAXIMUM PROJECTION
SOLID RISERS - REQUIRED
LANDINGS - REQUIRED @ TOP AND BOTTOM
HANDRAILS - REQUIRED 12" EXTENSIONS AND 1½" CLEARANCE
GUARDS - REQUIRED 42" MINIMUM HEIGHT
- OPENINGS LIMITED TO 4" PASSAGE OF SPHERE
GRASPABILITY OF HANDRAIL - CIRCULAR 1¼" to 2" CROSS SECTION
RAMPS - SECTION 1012 IBC
MAXIMUM SLOPE - 1:12
MAXIMUM RISE - 30"
MINIMUM WIDTH - 44"
LANDING - 60" MINIMUM BY 60" MINIMUM
DOOR OPENING INTO LANDING - 42" CLEAR



BRICK STEP DETAIL
1"=1'-0"

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS AND REQUIRED MINIMUM FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

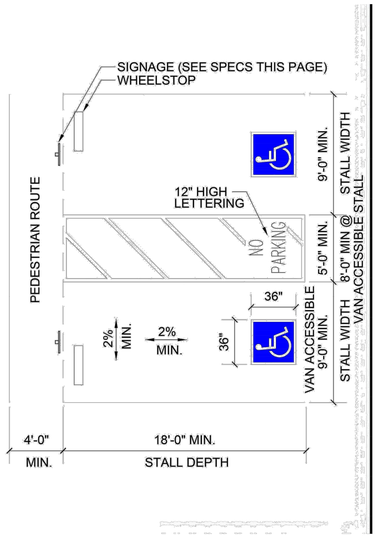
THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

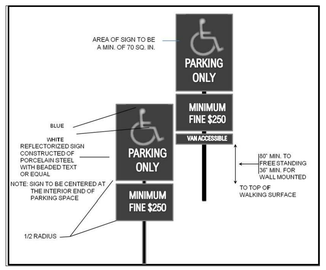
ALLJOY BBRC & ALLJOY DC
27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

AMD architects
386 Spanish Wells Road · Ste. B4
Hilton Head Island, SC 29926
843.342.7869 / 843.686.3866
amdarchitects@dmgrp.com

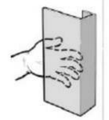
A-8

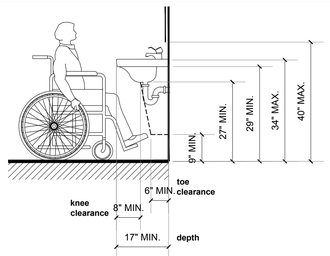
7 - 9 - 2024



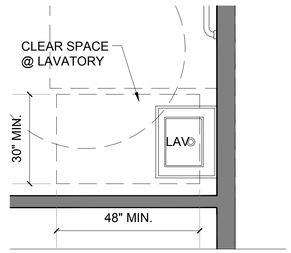


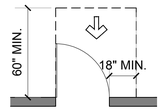
Examples of Accessible Door Hardware

Handle	Pull	Bar	Lever
			

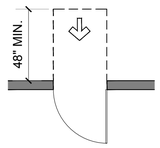


NOTE: equipment permitted in dashed area

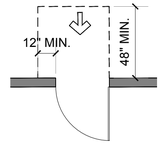




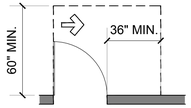
FRONT APPROACH, PULL SIDE



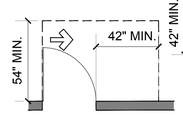
FRONT APPROACH, PUSH SIDE



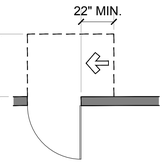
FRONT APPROACH, PUSH SIDE DOOR PROVIDED WITH BOTH CLOSER AND LATCH



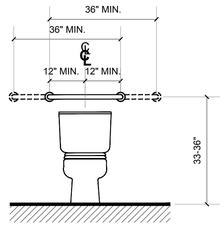
HINGE APPROACH, PULL SIDE



HINGE APPROACH, PULL SIDE



HINGE APPROACH, PUSH SIDE



(a) Back Wall

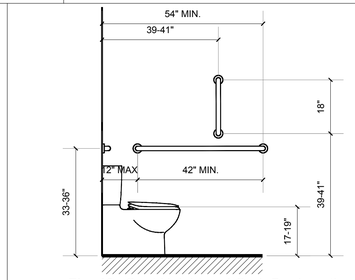


Fig. 12a Seat Height and Grab Bar Locations

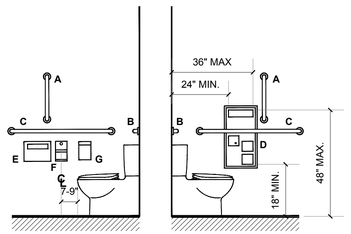
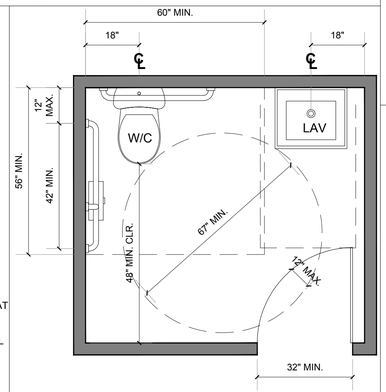
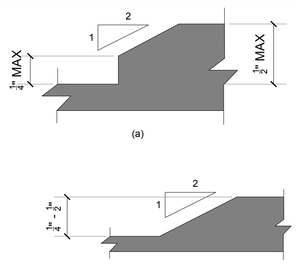


Fig. 12d Surface Mounted Dispensers **Fig. 12e** Recessed Dispensers

LEGEND

A	18" VERTICAL GRAB BAR
B	36" HORIZONTAL GRAB BAR
C	42" HORIZONTAL GRAB BAR
D	RECESSED TOILET SEAT DISPENSER, SANITARY NAPKIN DISPOSAL, TOILET TISSUE DISPENSER
E	SURFACE MOUNTED TOILET SEAT COVER DISPENSER (MOUNTS BELOW GRAB BAR)
F	SURFACE MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER (MOUNTS BELOW GRAB BAR)
G	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL (MOUNTS BELOW GRAB BAR)





Door Threshold

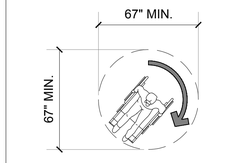
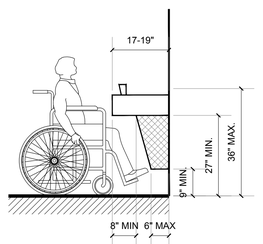
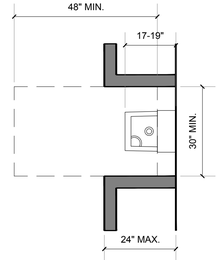


Fig. 2a 60 inch (1525 mm) Diameter Turning Space

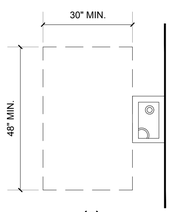


NOTE: equipment permitted in shaded area

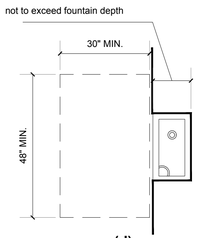
(a)
Spout Height and Knee Clearance



(b)
Clear Floor Space



(c)
Free Standing Fountain or Cooler



(d)
Built-In Fountain or Cooler

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, CHECK, AND COORDINATE ALL DIMENSIONS, AND REQUIRED MINIMUM FLOOR ELEVATIONS, AND TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE USE OR REUSE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL IS PROHIBITED

ALLJOY BBRC & ALLJOY DC
27 NEW ORLEANS ROAD
HILTON HEAD ISLAND, SC

architects
386 Spanish Wells Road - Ste. B4
Hilton Head Island, SC 29926
843.342.7699 / 843.686.3886
amsarchitects@hargray.com

A-9

7 - 9 - 2024

ELECTRICAL NOTES AND SPECIFICATIONS:

1. ELECTRICAL INSTALLATION SHALL BE PERFORMED IN ACCORDANCE WITH THE PRESENTLY EFFECTIVE VERSION OF THE NATIONAL ELECTRIC CODE AND ALL OTHER APPLICABLE STATE OR LOCAL CODES, LAWS, AND ORDINANCES. WHERE ONE CODE DIFFERS FROM ANOTHER, THE MORE STRINGENT SHALL APPLY.
2. THE WORD "CONTRACTOR" AS USED IN THE "ELECTRICAL SCOPE OF WORK" SHALL MEAN THE ELECTRICAL SUBCONTRACTOR.
3. WHEREVER ON THE ELECTRICAL DRAWINGS THE WORD "PROVIDE" IS USED IT SHALL BE INFERRED TO MEAN "FURNISH AND INSTALL", UNLESS NOTED OTHERWISE.
4. THE CONTRACTOR SHALL OBTAIN ALL LICENSES, PERMITS, INSPECTIONS, AND CERTIFICATES OF APPROVAL FROM ALL AUTHORITIES HAVING JURISDICTION AND SHALL PAY ALL FEES REQUIRED FOR THE EXECUTION OF THIS WORK. SATISFACTORY EVIDENCE OF COMPLIANCE WITH THE REQUIREMENTS AND ALL CERTIFICATES OF INSPECTION SHALL BE DELIVERED TO THE OWNER PROMPTLY UPON REQUEST. THE CONTRACTOR SHALL ALSO PAY FOR ANY REQUIRED TEST(S) AND PROVIDE ALL NECESSARY LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO PERFORM THE TEST(S).
5. ALL WORK SHALL BE PERFORMED IN A NEAT, CLEAN, AND ORDERLY MANNER. ALL WIRING AND RACEWAYS SHALL BE CONCEALED TO THE GREATEST EXTENT POSSIBLE.
6. THE CONTRACTOR SHALL SUPPLY ALL MATERIAL, EQUIPMENT, TOOLS, TRANSPORTATION, AND SUPERVISION TO PROVIDE A COMPLETE AND SATISFACTORILY OPERATING ELECTRICAL SYSTEM. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR STORING AND HANDLING ALL MATERIALS; THIS INCLUDES ANY OWNER SUPPLIED MATERIAL, FIXTURES OR EQUIPMENT.
7. ALL MATERIAL, EQUIPMENT, AND FIXTURES SHALL BE SPECIFICATION GRADE, NEW, AND U.L. LISTED FOR THE PURPOSE FOR WHICH IT IS USED.
8. THE ENTIRE ELECTRICAL SYSTEM SHALL BE FREE OF IMPROPER GROUNDS, SHORT OR OPEN CIRCUITS AND BE TESTED PRIOR TO ENERGIZING THE SYSTEM. ANY DEFECTS DISCOVERED DURING TESTING SHALL BE CORRECTED BY THE CONTRACTOR.
9. CONTRACTOR SHALL GUARANTEE ELECTRICAL WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. CONTRACTOR SHALL FURNISH A WRITTEN COPY OF THE GUARANTEE TO THE OWNER. CONTRACTOR SHALL SUPPLY ALL LABOR AND MATERIALS REQUIRED TO PERFORM ANY WARRANTY WORK AT NO CHARGE TO THE OWNER.
10. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TEMPORARY LIGHTING AND POWER AS REQUIRED FOR ALL TRADES DURING THE COURSE OF THE PROJECT. TEMPORARY LIGHTING SHALL BE ADEQUATE ENOUGH TO ENSURE WORKER SAFETY AND SHALL COMPLY WITH OSHA STANDARDS. UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TEMPORARY LIGHTING AND POWER.
11. ALL CONDUCTORS SHALL BE 75 DEGREE C, 600 VOLT, TYPE THWN/THHN INSULATION COPPER CONDUCTOR UNLESS NOTED OTHERWISE. ALL CONDUCTORS INSTALLED BELOW GRADE SHALL HAVE TYPE THWN INSULATION.
12. ALL BRANCH CIRCUIT WIRING SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE. ANY CIRCUIT INDICATED TO BE LARGER THAN #12 AWG SHALL BE SIZED AS INDICATED FOR THE ENTIRE LENGTH OF THE CIRCUIT.
13. UNLESS OTHERWISE NOTED ALL 120–VOLT, 20–AMP CIRCUIT WIRING UP TO 90 FEET SHALL BE #12 AWG; CIRCUITS EXCEEDING 90 FEET IN LENGTH FROM THE PANEL TO THE FURTHEST OUTLET OF POWER (RECEPTACLE, LIGHT FIXTURE, ETC.) SHALL UTILIZE #10 AWG CONDUCTORS.
14. ALL BELOW GRADE CONDUCTORS SHALL BE INSTALLED IN SCHEDULE 40 PVC CONDUIT.
15. ALL CONDUCTORS INSTALLED ABOVE GRADE AND INDOORS SHALL BE IN EMT CONDUIT WITH STEEL COMPRESSION TYPE FITTINGS. TYPE 'MC' CABLE SHALL BE PERMITTED FOR BRANCH CIRCUITS CONCEALED IN WALLS OR CEILINGS AS PERMITTED BY THE NATIONAL ELECTRIC CODE.
16. ALL CONDUCTORS INSTALLED ABOVE GRADE AND OUTDOORS SHALL BE IN SCH 40 OR 80 PVC CONDUIT AS PERMITTED BY THE NATIONAL ELECTRIC CODE.
17. ALL RACEWAYS SHALL BE INSTALLED CONCEALED IN WALLS, CEILINGS, FLOORS AND OTHER CAVITIES TO THE GREATEST EXTENT PRACTICAL. ANY EXPOSED RACEWAYS REQUIRED SHALL BE RUN SO AS TO MINIMIZE THE NUMBER OF VERTICAL RUNS. ALL EXPOSED CONDUIT SHALL BE ROUTED TIGHT AGAINST THE STRUCTURE AND BE RUN PARALLEL AND PERPENDICULAR TO THE WALLS, CEILINGS, AND FLOORS, AS APPLICABLE.
18. ALL CONNECTIONS TO EQUIPMENT SUBJECT TO VIBRATION SUCH AS MECHANICAL EQUIPMENT, KITCHEN EQUIPMENT, MOTORS, TRANSFORMERS, AND THE LIKE, SHALL BE MADE USING METALLIC FLEX. ALL OUTDOOR FLEX SHALL BE PVC COATED. NO METALLIC FLEX SHALL EXCEED 6 FEET IN LENGTH.
19. ALL INDOOR DISCONNECTS AND PANELS SHALL BE IN NEMA TYPE 1 ENCLOSURES, UNLESS NOTED OTHERWISE. ALL EXTERIOR DISCONNECTS, PANELS, METER CENTERS AND SIMILAR EQUIPMENT SHALL BE IN NEMA TYPE 3R ENCLOSURES UNLESS NOTED OTHERWISE. ALL EQUIPMENT SHALL HAVE THE APPROPRIATE VOLTAGE AND CURRENT RATINGS SUITABLE FOR THE APPLICATION. ALL DISCONNECTS/SAFETY SWITCHES SHALL BE TOTALLY ENCLOSED, HEAVY DUTY TYPE, AND BE HORSEPOWER RATED (IF APPLICABLE).
20. CONTRACTOR SHALL VERIFY ALL MECHANICAL AND KITCHEN EQUIPMENT (HVAC UNITS, WATER HEATERS, MOTORS, ELEVATORS, ETC.) ELECTRICAL SIZES AND LOCATIONS PRIOR TO ROUGH–IN AND INSTALLING FEEDER CIRCUITS. CONTRACTOR SHALL ALSO COORDINATE CIRCUIT BREAKER AND DISCONNECT TYPE AND SIZES REQUIRED WITH MECHANICAL AND PLUMBING CONTRACTOR PRIOR TO INSTALLATION. ANY DISCREPANCIES BETWEEN ACTUAL EQUIPMENT ELECTRICAL REQUIREMENTS AND THAT SHOWN ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
21. ALL WORK SHALL BE GROUNDED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS. A COMPLETE EQUIPMENT GROUNDING SYSTEM, CONSISTING OF A GREEN INSULATED COPPER WIRE, SHALL BE INSTALLED IN EVERY CONDUIT REGARDLESS OF USE.
22. ALL PANELBOARDS SHALL HAVE THEIR SCHEDULES TYPED AND INSTALLED INSIDE THE FRONT COVER.
23. ALL ELECTRICAL EQUIPMENT (PANELBOARDS, SWITCHBOARDS, EQUIPMENT DISCONNECTS, ETC.) SHALL BE CLEARLY IDENTIFIED WITH LAMINATED PLASTIC NAMEPLATES. ENGRAVE EQUIPMENT DESIGNATION (NAME) AND IDENTIFYING INFORMATION (VOLTAGE, PHASE, FED FROM) AS SHOWN ON THE PLANS IN ¾" HIGH LETTERS. ALL EQUIPMENT NAMEPLATES SHALL BE WHITE WITH RAISED BLACK LETTERS EXCEPT THAT SERVING EMERGENCY EQUIPMENT SHALL BE WHITE WITH RAISED RED LETTERS. NAMEPLATES SHALL BE ATTACHED TO THE FRONT OF EQUIPMENT ENCLOSURES, WHERE CLEARLY VISIBLE, WITH ADHESIVE AS WELL AS TWO SCREWS IN OPPOSITE ENDS.
24. ALL PANELBOARDS, DISCONNECTS, TRANSFORMERS, CIRCUIT BREAKERS, AND OTHER ELECTRICAL EQUIPMENT SHALL BE MANUFACTURED BY SIEMENS, SQUARE–D, GENERAL ELECTRIC, OR EATON CORPORATION. ALL EQUIPMENT PROVIDED ON A PROJECT SHALL BE OF THE SAME MANUFACTURER.
25. ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, OR CEILINGS SHALL BE FIRE STOPPED TO INSURE THE FIRE–RATED INTEGRITY OF THE FLOOR, WALL, OR CEILING THAT IS PENETRATED IS MAINTAINED. THE CONTRACTOR SHALL USE A U.L. LISTED AND RATED ASSEMBLY FOR THE SEALING MATERIAL AND METHOD.
26. OUTLET BOXES MOUNTED ON OPPOSITE SIDES OF FIRE RATED FLOORS, WALLS, OR CEILINGS SHALL NOT BE MOUNTED IN THE SAME WALL CAVITY; BOXES SHALL BE SEPERATED BY STUDS OR OTHER STRUCTURAL MEMBER.
27. ALL CONDUIT RUNS AS SHOWN ON THE PLANS ARE DIAGRAMMATIC ONLY; EXACT ROUTING AND METHOD OF SUPPORT SHALL BE DETERMINED IN THE FIELD.
28. ALL WORK UNDER THIS SECTION SHALL BE COORDINATED IN THE FIELD WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES TO ELIMINATE ANY INTERFERENCES WITH DUCTWORK, PIPING, STRUCTURAL MEMBERS, ETC. CONFLICTS BETWEEN EQUIPMENT AND/OR MATERIAL LOCATIONS THAT ARISE SHALL BE CORRECTED BY THE CONTRACTOR AS DIRECTED BY THE ARCHITECT–ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
29. PRIOR TO ROUGH–IN COORDINATE THE LOCATION OF ALL FLOOR–MOUNTED DEVICES (RECEPTACLES, DATA OUTLETS, ETC.) WITH THE ARCHITECT AND GENERAL CONTRACTOR.
30. PRIOR TO ROUGH–IN COORDINATE THE LOCATION AND MOUNTING HEIGHTS OF ALL WALL–MOUNTED DEVICES WITH THE MILLWORK, INTERIOR ELEVATIONS, AND GENERAL CONTRACTOR. NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OF A CONFLICT. REQUIRED ADJUSTMENTS IN DEVICE LOCATION (WITHIN 10' IN ANY DIRECTION OF THE EXISTING DEVICE) SHALL BE DONE SO AT NO ADDITIONAL COST TO THE OWNER.
31. PROVIDE PROPER NEMA CONFIGURATION RECEPTACLES FOR PLUGS SUPPLIED ON EQUIPMENT PROVIDED BY OTHERS.
32. IF A KITCHEN HOOD IS PRESENT THE CONTRACTOR SHALL PROVIDE ALL REQUIRED INTERLOCKS INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ALL ELECTRICAL EQUIPMENT LOCATED BENEATH THE HOOD SHALL BE SERVED FROM A SHUNT TRIP BREAKER. UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM ALL POWER TO THE EQUIPMENT BENEATH THE HOOD SHALL BE DISCONNECTED. THE HOOD SUPPLY AIR FAN(S) SHALL ALSO BE CONNECTED TO A SHUNT TRIP BREAKER(S) AND BE SHUT–DOWN UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM. THE HOOD EXHAUST FAN(S) SHALL CONTINUE TO OPERATE UPON ACTIVATION OF THE FIRE SUPPRESSION SYSTEM. THE HOOD SUPPRESSION SYSTEM SHALL ALSO BE INTERLOCKED TO THE BUILDING FIRE ALARM SYSTEM SO THE FIRE ALARM WILL GO INTO ALARM UPON ACTIVATION.
33. CONTRACTOR SHALL PROVIDE AN 4' TALL BY 4' WIDE BY 3/4" THICK SHEET OF PLYWOOD FOR THE TELE–COMMUNICATIONS BACKBOARD. THE CONTRACTOR SHALL PAINT THE BACKBOARD WITH TWO (2) COATS OF FIRE RETARDANT PAINT. THE BACKBOARD SHALL BE MOUNTED WITH THE BOTTOM 12" ABOVE THE FINISHED FLOOR. THE CONTRACTOR SHALL ALSO PROVIDE A DEDICATED #6 AWG COPPER WIRE FROM THE BUILDING SERVICE GROUND TO THE BACKBOARD WITH SUFFICIENT SLACK TO REACH ANY PLACE ON THE BACKBOARD.
34. CONTRACTOR SHALL EXTEND A 2" SCHEDULE 40 PVC CONDUITS FROM THE TELE–COMMUNICATIONS BACKBOARD TO THE TELEPHONE AND CABLE TELEVISION SERVICE POINTS. EXTEND ONE (1) CONDUIT TO EACH SERVICE PROVIDER. COORDINATE EACH SERVICE POINT WITH THE RESPECTIVE UTILITY PROVIDER IN THE FIELD. FOR BIDDING PURPOSES, IF A SERVICE POINT IS NOT SHOWN ON THE PLANS ASSUME EACH RUN TO BE 100'.
35. PROVIDE A 3/4" EMT CONDUIT FROM EACH TELEPHONE, DATA, TELEVISION, OR TELEPHONE/DATA OUTLET TO 6" ABOVE THE CEILING. TURN EACH CONDUIT A MINIMUM OF 12" INTO THE CEILNG CAVITY. PROVIDE EACH CONDUIT WITH AN INSULATED THROAT BUSHING AND PULL CORD FOR WIRING.
36. THE WORK OF THIS DIVISION SHALL ALSO INCLUDE THOSE ITEMS NOT SPECIFICALLY MENTIONED OR DESCRIBED BUT WHICH ARE NECESSARY TO PRODUCE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM THAT CONFORMS TO THE DESIGN INTENT. SUCH ITEMS INCLUDE BUT ARE NOT LIMITED TO: FITTINGS, BOXES, CONNECTORS, WIRE NUTS, BLANK COVERS, STRAPPING, FASTENERS, ETC.
37. ALL LIGHT SWITCHES AND RECEPTACLES SHALL BE BY THE SAME MANUFACTURER, CARRY THE APPROPRIATE VOLTAGE RATING AND CURRENT RATING (MINIMUM 20A), AND HAVE A GROUND SCREW. DEVICE COLOR SHALL BE SELECTED BY THE ARCHITECT UNLESS STATED WITH THE DEVICE. RECEPTACLES SHALL BE MOUNTED 18 INCHES ABOVE FINISHED FLOOR AND SWITCHES SHALL BE MOUNTED 42" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE. DEVICES SHALL BE MANUFACTURED BY PASS AND SEYMOUR, LEVITON, ARROW–HART, OR A SIMILIAR MANUFACTURER.
38. THE CONTRACTOR SHALL ADHERE TO EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS WHEN INSTALLING EQUIPMENT. IF A CONFLICT EXISTS BETWEEN THESE DRAWINGS AND THE EQUIPMENT MANUFACTURER'S INSTRUCTIONS THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND AWAIT CLARIFICATION IN WRITING.
39. ALL SPLICES SHALL BE MADE IN APPROPRIATE JUNCTION BOXES. SPLICES IN CONDUCTOR SIZE AWG #10 OR SMALLER MAY BE MADE USING SPRINGLOCK CONNECTORS (WIRE–NUTS). SPLICES IN CONDUCTORS LARGER THAN AWG #10 SHALL BE MADE USING COMPRESSION TYPE CONNECTORS OR INSULATED TERMINAL BLOCKS SUCH AS THOSE MANUFACTURERED BY POLARIS.
40. OUTLET BOXES FOR RECEPTACLES, LIGHT FIXTURES, LIGHT SWITCHES AND OTHER SIMILAR DEVICES SHALL BE FIRMLY ATTACHED TO STUDS OR OTHER STRUCTURAL MEMBERS. ALL BOXES SHALL BE LEVEL AND PLUMB. BOXES INTENDED TO SUPPORT CEILING FANS OR LARGE LIGHTING FIXTURES SHALL BE ADEQUATELY BLOCKED FOR SUPPORT AND BE LISTED FOR THE PURPOSE.
41. LIGHTING SWITCHES SHALL BE LOCATED ON THE STRIKE SIDE OF DOORS AND BE LOCATED WITHIN 6" OF THE DOOR TRIM WHERE POSSIBLE. SINGLE POLE SWITCHES SHALL BE SET SO THAT THE SWITCH HANDLE IN THE 'UP' POSITION IS 'ON'.
42. CONTRACTOR SHALL SUBMIT MANUFACTURER'S DATA SHEETS FOR MATERIALS AND EQUIPMENT TO THE ENGINEER FOR REVIEW AND APPROVAL.
43. PRODUCTS USED ON THIS PROJECT SHALL BE MANUFACTURED BY COMPANIES REGULARLY ENGAGED IN THE PRODUCTION OF SIMILAR PRODUCTS WITH A MINIMUM HISTORY OF THREE YEARS SUCCESSFUL PRODUCTION.
44. CONTRACTOR SHALL FURNISH THE OWNER A COMPLETE BOUND SET OF EQUIPMENT CATALOG SHEETS, MANUFACTURER'S SPECIFICATIONS AND SERVICE, AND OPERATING INSTRUCTIONS ON EQUIPMENT FURNISHED UNDER THIS DIVISION UPON COMPLETION OF WORK UNDER THIS DIVISION.
45. CONTRACTOR SHALL PROVIDE ONE SET OF 'AS–BUILT' DRAWINGS TO THE OWNER UPON COMPLETION OF CONSTRUCTION. THE AS–BUILT DRAWINGS SHALL BE CLEAN, LEGIBLE, NEAT, COMPILED IN AN ORDERLY MANNER, AND CONTAIN ALL WORK PERFORMED BY THE CONTRACTOR THAT DEVIATES FROM THE ORIGINAL CONTRACT DOCUMENTS.
46. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE EXACT EXTENT OF WORK TO BE PERFORMED PRIOR TO SUBMITTING BID.
47. FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE, AS MANUFACTURED BY BUSSMAN OR APPROVED EQUAL.
48. BOXES SHALL BE GALVANIZED STEEL AND SHALL BE SIZED TO ACCOMMODATE WIRING, THE EQUIPMENT, OR APPARATUS TO BE INSTALLED AS REQUIRED BY NATIONAL ELECTRIC CODE.
49. WHERE MATERIAL IS CALLED OUT IN THE LEGEND BY MANUFACTURER, TYPE, OR CATALOG NUMBER, SUCH DESIGNATIONS ARE TO ESTABLISH STANDARDS OF DESIRED QUALITY. ACCEPTANCE OR REJECTION OF PROPOSED SUBSTITUTIONS SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND ENGINEER.
50. CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN.
51. LIGHT FIXTURES LOCATED IN MECHANICAL SPACES OR SPACES WITH EXPOSED CEILINGS SHALL BE CHAIN HUNG OR MOUNTED DIRECTLY TO THE STRUCTURE. UNDER NO CIRCUMSTANCES SHALL FIXTURES BE SUPPORTED FROM DUCTWORK, PIPING, OR THE WORK OF OTHER TRADES. COORDINATE EXACT FIXTURE LOCATIONS AND MOUNTING IN THE FIELD.
52. ALL EXIT SIGNS SHALL HAVE AN EMERGENCY BATTERY PACK, REGARDLESS OF HOW SPECIFIED IN THE FIXTURE SCHEDULE, AND NOT BE SWITCHED.
53. ALL EXIT SIGNS SHALL BE MANUFACTURED BY THE SAME COMPANY AND BE OF THE SAME SERIES, REGARDLESS OF WHETHER THEY ARE SINGLE OR DOUBLE–FACED AND HAVE CHEVRONS.
54. ALL EMERGENCY LIGHTING UNITS SHALL BE WIRED TO LOCAL LIGHTING CIRCUITS, BE WIRED AHEAD OF ANY LOCAL SWITCHES AND OPERATE UPON THE LOSS OF NORMAL POWER. EMERGENCY LIGHTING SHALL BE SUPPLIED BY THE SAME BRANCH CIRCUIT AS THAT POWERING THE LOCAL LIGHTING.
55. ALL EMERGENCY LIGHTING FIXTURES SHOWN AS BEING 'SWITCHED' SHALL BE WIRED SO AS NOT TO OPERATE THE 'EMERGENCY' BALLAST. THE EMERGENCY BALLAST SHALL NOT OPERATE UNLESS A LOSS OF 'NORMAL' BUILDING POWER OCCURS.
56. LIGHTING FIXTURES SHALL BE INDIVIDUALLY SUPPORTED FROM STRUCTURAL ELEMENTS AS REQUIRED BY CODE. ANY FIXTURE LOCATED IN A NON–STRUCTURAL CEILING, SUCH AS A 'DROP' CEILING, SHALL BE 'TIED OFF' TO THE STRUCTURE AS REQUIRED BY CODE.
57. CONTRACTOR SHALL COORDINATE THE SERVICE INSTALLATION AND METERING ARRANGEMENT WITH THE LOCAL UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE TRANSFORMER PAD, METERING, PRIMARY CONDUIT, AND ANY ASSOCIATED FEES IMPOSED BY THE UTILITY.
58. THE GROUNDING ELECTRODE SYSTEM FOR THE BUILDING SHALL INCLUDE THE BUILDING'S STRUCTURAL STEEL, A CONCRETE ENCASED ELECTRODE, THE UNDERGROUND WATER PIPE (IF PVC OMIT), AND THE GROUND ROD TRIAD AT A MINIMUM. THE GROUND ROD TRIAD SHALL CONSIST OF THREE (3) 3/4" BY 10' COPPER CLAD STEEL GROUND RODS DRIVEN IN A TRIANGULAR SHAPE A MINIMUM OF 10' APART AND SHALL BE CONNECTED IN A DELTA WITH A 1/0 AWG BARE COPPER CONDUCTOR BY MEANS OF EXOTHERMIC WELD. THE GROUND ROD TRIAD SHALL BE LOCATED ON THE EXTERIOR OF THE BUILDING, AS CLOSE TO THE BUILDING'S MAIN AS PRACTICAL BUT NOT WITHIN 8' FEET OF THE BUILDING FOUNDATION OR WATER PIPE. LOCATE THE TRIAD IN AN UNPAVED LANDSCAPED AREA IF POSSIBLE. THE TOP OF THE GROUND RODS SHALL BE LOCATED 12" BELOW FINISHED GRADE. REFER TO THE NATIONAL ELECTRIC CODE FOR ADDITIONAL REQUIREMENTS.

LEGEND

	DUPLEX RECEPTACLE; 20A–120V 2–POLE GROUNDING TYPE W/ COVERPLATE
C	SAME AS ABOVE MOUNTED 4" ABOVE BACKBLASH
"X"	SAME AS ABOVE, 'X' INDICATES DEVICE MOUNTING HEIGHT IN INCHES
	SAME AS ABOVE WITH GROUND FAULT INTERRUPT
WP	SAME AS ABOVE WITH WEATHER RESISTANT DEVICE AND WEATHERPROOF IN–USE COVER
$	SINGLE–POLE TOGGLE SWITCH; 20A 120V 2–POLE GROUNDING TYPE W/ COVERPLATE
$3	THREE–WAY SWITCH; 20A 120V 3–POLE GROUNDING TYPE W/ COVERPLATE
$3D	THREE–WAY DIMMER SWITCH; 20A 120V 3–POLE GROUNDING TYPE W/ COVERPLATE COORDINATE DIMMER TYPE AND WATTAGE W/ LOAD SERVED (0–10V, ELV, INCAND., ETC.)
$D	SINGLE–POLE DIMMER SWITCH; 20A 120V 2–POLE GROUNDING TYPE W/ COVERPLATE COORDINATE DIMMER TYPE AND WATTAGE W/ LOAD SERVED (0–10V, ELV, INCAND., ETC.)
J	JUNCTION BOX – 4"X4"X1–1/2" MINIMUM WITH COVER
	VOICE/DATA OUTLET; PROVIDE 4" SQUARE DEEP BACKBOX WITH 3/4" EMT CONDUIT STUBBED TO ACCESSIBLE LOCATION ABOVE THE CEILING; PROVIDE PULL STRING IN CONDUIT.
C	SAME AS ABOVE; MOUNTED 4" ABOVE COUNTERTOP BACK–SPLASH
XX/X/X	EQUIPMENT DISCONNECT – NONFUSED; 'XX/X/X' INDICATES FRAME SIZE/POLE/NEMA TYPE
	SURFACE MOUNTED PANELBOARD
	NORMAL POWER CONTINUATION CIRCUIT. (3) #12 AWG'S IN 1/2" CONDUIT UNLESS OTHERWISE NOTED
	240–VOLT SPECIAL PURPOSE RECEPTACLE; COORDINATE NEMA TYPE W/ EQUIPMENT SERVED.
	HOME RUN TO PANELBOARD; CIRCUIT AND PANEL NUMBER INDICATED BY EACH ARROW
	ELECTRIC METER
	LIGHTING FIXTURE – 2X4 SURFACE MOUNT
	LIGHTING FIXTURE – 1X4 LENSED TYPE
	LIGHTING FIXTURE – RECESSED DOWNLIGHT
	LIGHTING FIXTURE – WALL MOUNTED
	LIGHTING FIXTURE – DUAL HEAD EMERGENCY LIGHT, CEILING OR WALL MOUNTED
	LIGHTING FIXTURE – DUAL HEAD EMERGENCY LIGHT AND EXIT COMBO, CEILING OR WALL MOUNTED
	EXHAUST FAN; PROVIDED BY MECHANICAL CONNECTED BY ELECTRICAL
TC	TIME CLOCK LOCATED ADJACENT TO PANELS; INTERMATIC MODEL #ET1105C

LIGHT FIXTURE SCHEDULE

TAG	MANUFACTURER	CATALOG NO.	VOLTS	BALLAST	LAMPS	COMMENTS
A	METALUX	24GR–LD5–72–A125–UNV –L840–CD1–SK–24–WS	120	ELECTRONIC DIMMING (0–10V)	56W LED 7257 LMNS 4000K 80CRI	2X4 LED SURFACE MOUNT
B	HALO	TRIM: LT560WH12940 HOUSING; H550ICAT	120	ELECTRONIC DIMMING (LDNG EDGE)	11.8W LED 1180 LMNS 4000K 90CRI	5" RECESSED DOWN LIGHT
C	METALUX	4SWLED–48HL–LW–UNV–L840–CD1	120	ELECTRONIC DIMMING (0–10V)	45W LED 4899 LMNS 4000K 80CRI	1X4 LED STRIP LIGHT
D	LUMARK	XTOR2B–Y	120	ELECTRONIC	18W LED 3000K	EXTERIOR WALL BACK
F		BY OWNER	120		DO NOT EXCEED 100WATTS	EXTERIOR WALL MOUNT
EM	SURE LITES	SEL25	120	ELECTRONIC	LED	DUAL HEAD EMERGENCY LIGHT W/ INTEGRAL BATTERY
XEM	SURE LITES	LPXC25	120	ELECTRONIC	LED	THERMOPLASTIC COMBINATION EMERGENCY LIGHT & EXIT SIGN W/ INTEGRAL BATTERY
OEM	SURE LITES	SELDWA50SD	120	ELECTRONIC	5.2W LED	EXTERIOR EMERGENCY LIGHT W/ INTEGRAL BATTERY

CDDC
CONSULT DESIGN DRAFT CONSTRUCT
P.O. BOX 2869 BLUFFTON, S.C. 29910
ph. 843–384–4731 fx. 843–837–3577

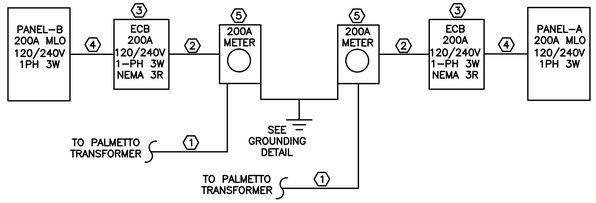
SOUTH CAROLINA LLC No.3906 CERTIFICATE OF AUTHORIZATION

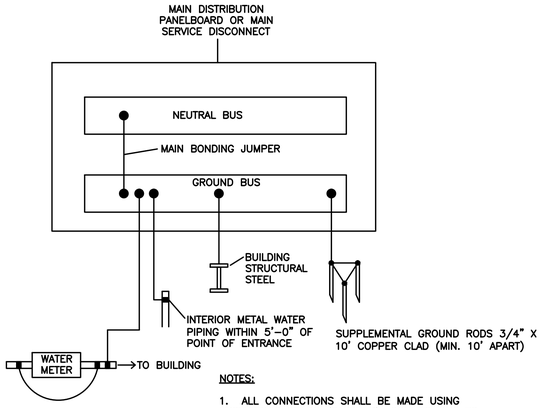
SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No.26988 05/21/2024 RYAN M. YOCAM

ALLJOY BBRC & ALLJOY DC

27 NEW ORLEANS RD.
HILTON HEAD, SOUTH CAROLINA

Revisions
XXX
XXX
XXX
XXX
XXX
Submittal: PERMIT
Drawn By: RMY / Checked By: RMY
Date: 05/21/2024
Scale: AS SHOWN
Project Number: 2447-MS-E1
Sheet: E001





ELECTRICAL RISER DIAGRAM GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH PALMETTO PRIOR TO ORDERING EQUIPMENT. THE AVAILABLE FAULT CURRENT AT THE METER IS CALCULATED AS 15,784 AMPS BASED ON A 50KVA TRANSFORMER WITH 50 FOOT SERVICE LATERAL.

ELECTRICAL RISER DIAGRAM KEYED NOTES:

ALL KEYED NOTES ARE REPRESENTED BY A '⬡' SYMBOL:

1. PROVIDE 2.5" SCH 40 PVC CONDUIT WITH (3) 250 KCMIL AL'S. TRANSITION FROM SCH 40 PVC TO SCH 80 PVC BELOW GRADE AT METER BASE AND ROUTE SCH 80 PVC UP TO METER.

2. PROVIDE 2.5" SCH 40 PVC WITH (3) 250 KCMIL AL'S.

3. PROVIDE 200A, 240-VOLT, 1-PHASE ENCLOSED CIRCUIT BREAKER RATED FOR 22KAIC AND U.L. LISTED FOR USE AS SERVICE ENTRANCE EQUIPMENT IN NEMA 3R ENCLOSURE.

4. PROVIDE 2.5" SCH 40 PVC WITH (3) 250 KCMIL AL'S & (1) #6 AWG CU GROUND.

5. PROVIDE 200A, 240V, 1ø METER BASE PER PALMETTO ELECTRIC REQUIREMENTS. COORDINATE METER SOCKET TYPE AND METER INSTALLATION WITH PALMETTO.

1 / E002 ELECTRICAL RISER DIAGRAM
SCALE: NOT TO SCALE

NOTES:

1. ALL CONNECTIONS SHALL BE MADE USING EXOTHERMIC WELDS (CADWELD). CONNECTIONS TO WATER PIPING MAY UTILIZE U.L. LISTED GROUND CLAMPS.

2. ALL GROUNDING ELECTRODE CONDUCTORS AND JUMPERS SHALL BE 1/0 COPPER.

2 / E002 SERVICE GROUNDING AND BONDING DETAIL
SCALE: NTS

PANEL - A (BIKE SHOP)

200	AMP		MLO	120	240		VOLT	1	PHASE		3	WIRE		SURFACE			NEMA	1	22000	AIC		
				VA/PHASE													VA/PHASE					
TYPE	#		VA	A	B	GND	WIRE AWG#	TRIP AMPS	POLE	CKT NO	A	B	CKT NO	POLE	TRIP AMPS	WIRE AWG#	GND	A	B	TYPE	#		VA
MDHP-2 (BIKE OFFICE)	1	@	1720	1720		12	12	20	2	1	X		2	2	30	10	10	2500		STACK WSHR/DRYER	1	@	2500
- - -	1	@	1720		1720		12	- - -	- - -	3		X	4	- - -	- - -	10			2500	- - -	1	@	2500
MDHP-3 (2ND FL STOR)	1	@	3050	3050		10	8	40	2	5	X		6	1	20	12	12	1200		STACK WASHING MACH	1	@	1200
- - -	1	@	3050		3050		8	- - -	- - -	7		X	8	1	20	12	12		720	BIKE REC	4	@	180
BIKE SHOP/STOR LTS	1	@	1658	1658		12	12	20	1	9	X		10	1	20	12	12	720		BIKE REC	4	@	180
BIKE SHOP EXSHT FAN	1	@	600		600	12	12	20	1	11		X	12	1	20	12	12		720	2ND FL STORAGE REC	4	@	180
RECEPTION	4	@	180	720		12	12	20	1	13	X		14	1	20	12	12	720		2ND FL STORAGE REC	4	@	180
OUTSIDE LTS	1	@	45		45	12	12	20	1	15		X	16	1	20	12	12		180	SERVICE YARD REC	1	@	180
WTR HTR	1	@	1250	1250		12	12	20	2	17	X		18	1	20			0		SPARE			
- - -	1	@	1250		1250		12	- - -	- - -	19		X	20	1	20				0	SPARE			
SPARE				0				20	1	21	X		22	1	20			0		SPARE			
SPARE					0			20	1	23		X	24	1	20				0	SPARE			
SPARE				0				20	1	25	X		26	1	20			0		SPARE			
SPARE					0			20	1	27		X	28	1	20				0	SPARE			
SPARE				0				20	1	29	X		30	1	20			0		SPARE			
SPARE					0			20	1	31		X	32	1	20				0	SPARE			
SPARE				0				20	1	33	X		34	1	20			0		SPARE			
SPARE					0			20	1	35		X	36	1	20				0	SPARE			
SPARE				0				20	1	37	X		38	1	20			0		SPARE			
SPARE					0			20	1	39		X	40	1	20				0	SPARE			
SPARE				0				20	1	41	X		42	1	20			0		SPARE			
TOTAL A				8398					TOTAL A				13538					5140					
TOTAL B					6665				TOTAL B				10785						4120				
									TOTAL VA				24323										
TOTAL PANEL					101		AMPS - Connected																

NOTE: UNLESS OTHERWISE NOTED, ALL CIRCUITS TO HAVE A FULL SIZE NEUTRAL.

PANEL - B (DONUT SHOP)

200	AMP		MLO	120	240		VOLT	1	PHASE		3	WIRE		SURFACE			NEMA	1	22000	AIC		
				VA/PHASE													VA/PHASE					
TYPE	#		VA	A	B	GND	WIRE AWG#	TRIP AMPS	POLE	CKT NO	A	B	CKT NO	POLE	TRIP AMPS	WIRE AWG#	GND	A	B	TYPE	#		VA
CU-1 (3T)	1	@	2000	2000		10	8	35	2	1	X		2	1	15	12	12	960		HOOD EXHST FAN	1	@	960
- - -	1	@	2000		2000		8	- - -	- - -	3		X	4	1	25*	12	12		1740	HOOD SUPPLY FAN	1	@	1740
AHU-1	1	@	4500	4500		10	8	45	2	5	X		6					0		SHUNT TRIP			
- - -	1	@	4500		4500		8	- - -	- - -	7		X	8	1	15	12	12		500	HOOD CNTRL PWR	1	@	500
MDHP-1 (RETAIL AREA)	1	@	1400	1400		12	12	20	2	9	X		10	1	20*	12	12	180		FRYER	1	@	180
- - -	1	@	1400		1400		12	- - -	- - -	11		X	12						0	SHUNT TRIP			
WATER HEATER (GAS)	1	@	600	600		12	12	20	1	13	X		14	2	20	12	12	1500		MIXER	1	@	1500
REST./RETAIL LTS	1	@	554		554	12	12	20	1	15		X	16	- - -	- - -	12			1500	- - -	1	@	1500
OUTSIDE LTS	1	@	430	430		12	12	20	1	17	X		18	1	20	12	12	1500		WATER TABLE	1	@	1500
KITCHEN REC	2	@	180		360	12	12	20	1	19		X	20	1	20	12	12		1500	WATER TABLE	1	@	1500
KITCHEN REC	1	@	180	180		12	12	20	1	21	X		22	1	20	12	12	377		REFRIG	1	@	377
COFFEE MKR	1	@	1200		1200	12	12	20	1	23		X	24	1	20	12	12		1152	REFRIG/FREEZER	1	@	1152
FRNT COUNTER REC	2	@	180	360		12	12	20	1	25	X		26	1	20	12	12	1200		PROOFER	1	@	1200
DISP. CASE REC	1	@	1200		1200	12	12	20	1	27		X	28	1	20				0	SPARE			
RETAIL AREA REC	4	@	180	720		12	12	20	1	29	X		30	1	20			0		SPARE			
FRONT PORCH REC	2	@	180		360	12	12	20	1	31		X	32	1	20				0	SPARE			
SIDE PORCH REC	3	@	180	540		12	12	20	1	33	X		34	1	20			0		SPARE			
SPARE					0					35		X	36	1	20				0	SPARE			
SPARE				0						37	X		38	1	20			0		SPARE			
SPARE					0					39		X	40	1	20				0	SPARE			
SPARE				0						41	X		42	1	20			0		SPARE			
TOTAL A				10730					TOTAL A				16447					5717					
TOTAL B					11574				TOTAL B				17966						6392				
									TOTAL VA				34413										
TOTAL PANEL					143		AMPS - Connected																

*PROVIDE SHUNT TRIP BREAKER AND INTERLOCK WITH HOOD FIRE SUPPRESSION SYSTEM; BREAKER SHALL TRIP UPON HOOD FIRE SYSTEM ACTIVATION

NOTE: UNLESS OTHERWISE NOTED, ALL CIRCUITS TO HAVE A FULL SIZE NEUTRAL.

COMcheck Software Version 4.1.5.5

Exterior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Donut Shop
Project Type: New Construction
Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Construction Site:	Owner/Agent:	Designer/Contractor:
27 New Orleans Rd Hilton Head Island, SC	Rich Stone 386 Spanish Wells Rd Suite B4 Hilton Head, SC	Ryan Yocco CDDC, LLC PO_Box 2869 Bluffton , SC 29910 843-384-4731 Ryan@cddceng.com

Section 2: Exterior Lighting Area/Surface Power Calculation

A Exterior Area/Surface	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B x C)	F Proposed Watts
Main entry	15 ft of door width	20	Yes	300	178
Other door (not main entry)	19 ft of door width	20	Yes	380	0
Entry canopy	376 ft2	0.25	Yes	94	200
			Total Tradable Watts* =	774	379
			Total Allowed Watts =	774	
			Total Allowed Supplemental Watts** =	600	

* Wattage tradeoffs are only allowed between tradable areas/surfaces.
** A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Section 3: Exterior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Main entry (15 ft of door width): Tradable Wattage				
LED 1: B: DOWN LIGHT: Other:	1	6	11.8	70.8
LED 2: D: WALL MOUNT: Other:	1	6	18	108
Other door (not main entry) (19 ft of door width): Tradable Wattage				
Entry canopy (376 ft2): Tradable Wattage				
LED 3: F: WALL MOUNT: Other:	1	2	100	200
			Total Tradable Proposed Watts =	379

Section 4: Requirements Checklist

Lighting Wattage:

☑ 1. Within each non-tradable area/surface, total proposed watts must be less than or equal to total allowed watts. Across all tradable areas/surfaces, total proposed watts must be less than or equal to total allowed watts.
Compliance: Passes.

Controls, Switching, and Wiring:

☑ 2. All exemption claims are associated with fixtures that have a control device independent of the control of the nonexempt lighting.
☑ 3. Lighting not designated for dusk-to-dawn operation is controlled by either a a photosensor (with time switch), or an astronomical time switch.
☑ 4. Lighting designated for dusk-to-dawn operation is controlled by an astronomical time switch or photosensor.
☑ 5. All time switches are capable of retaining programming and the time setting during loss of power for a period of at least 10 hours.

Exterior Lighting Efficacy:

☑ 6. All exterior building grounds luminaires that operate at greater than 100W have minimum efficacy of 60 lumen/watt.

Exceptions:

❑ Lighting that has been claimed as exempt and is identified as such in Section 3 table above.
❑ Lighting that is specifically designated as required by a health or life safety statue, ordinance, or regulation.
❑ Emergency lighting that is automatically off during normal building operation.
❑ Lighting that is controlled by motion sensor.

Exterior Lighting PASSES: Design 72% better than code.

Section 5: Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.1.5.5 and to comply with the mandatory requirements in the Requirements Checklist.

Ryan Yocco, PE — Signature — 5/21/24
Name - Title — Date

COMcheck Software Version 4.1.5.5

Interior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Donut Shop
Project Type: New Construction

Construction Site:	Owner/Agent:	Designer/Contractor:
27 New Orleans Rd Hilton Head Island, SC	Rich Stone 386 Spanish Wells Rd Suite B4 Hilton Head, SC	Ryan Yocco CDDC, LLC PO_Box 2869 Bluffton , SC 29910 843-384-4731 Ryan@cddceng.com

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
Retail	1944	1.5	2916
Warehouse	940	0.8	752
		Total Allowed Watts =	3668

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Retail (1944 sq.ft.)				
Warehouse (940 sq.ft.)				
LED 1: A: 2X4: Other:	1	4	56	224
LED 2: B: DOWN LIGHT: Other:	1	17	11.8	200.6
LED 3: C: 1X4: Other:	1	25	45	1125
			Total Proposed Watts =	1550

Section 4: Requirements Checklist

Interior Lighting PASSES: Design 58% better than code.

Lighting Wattage:

☑ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
3668	1550	YES

Controls, Switching, and Wiring:

na ❑ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.
na ❑ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.

Exceptions:

❑ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
❑ Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.

☑ 4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

❑ Areas designated as security or emergency areas that must be continuously illuminated.
❑ Lighting in stairways or corridors that are elements of the means of egress.
na ❑ 5. Master switch at entry to hotel/motel guest room.
na ❑ 6. Individual dwelling units separately metered.
na ❑ 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.
☑ 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

Exceptions:

❑ Only one luminaire in space.
❑ An occupant-sensing device controls the area.
❑ The area is a corridor, storeroom, restroom, public lobby or sleeping unit.
❑ Areas that use less than 0.6 Watts/sq.ft.
na ❑ 9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

Exceptions:

❑ Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.
☑ 10. Photocell/astronomical time switch on exterior lights.

Exceptions:

❑ Lighting intended for 24 hour use.
na ❑ 11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

Exceptions:

❑ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COMcheck Version 4.1.5.5 and to comply with the mandatory requirements in the Requirements Checklist.

Ryan Yocco, PE — Signature — 5/21/24
Name - Title — Date

CDDC
CONSULT
DESIGN
DRAFT
CONSTRUCT
P.O. BOX 2869 BLUFFTON, S.C. 29910
ph. 843-384-4731 fx. 843-837-3577

SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION — CDDC LLC No.3906

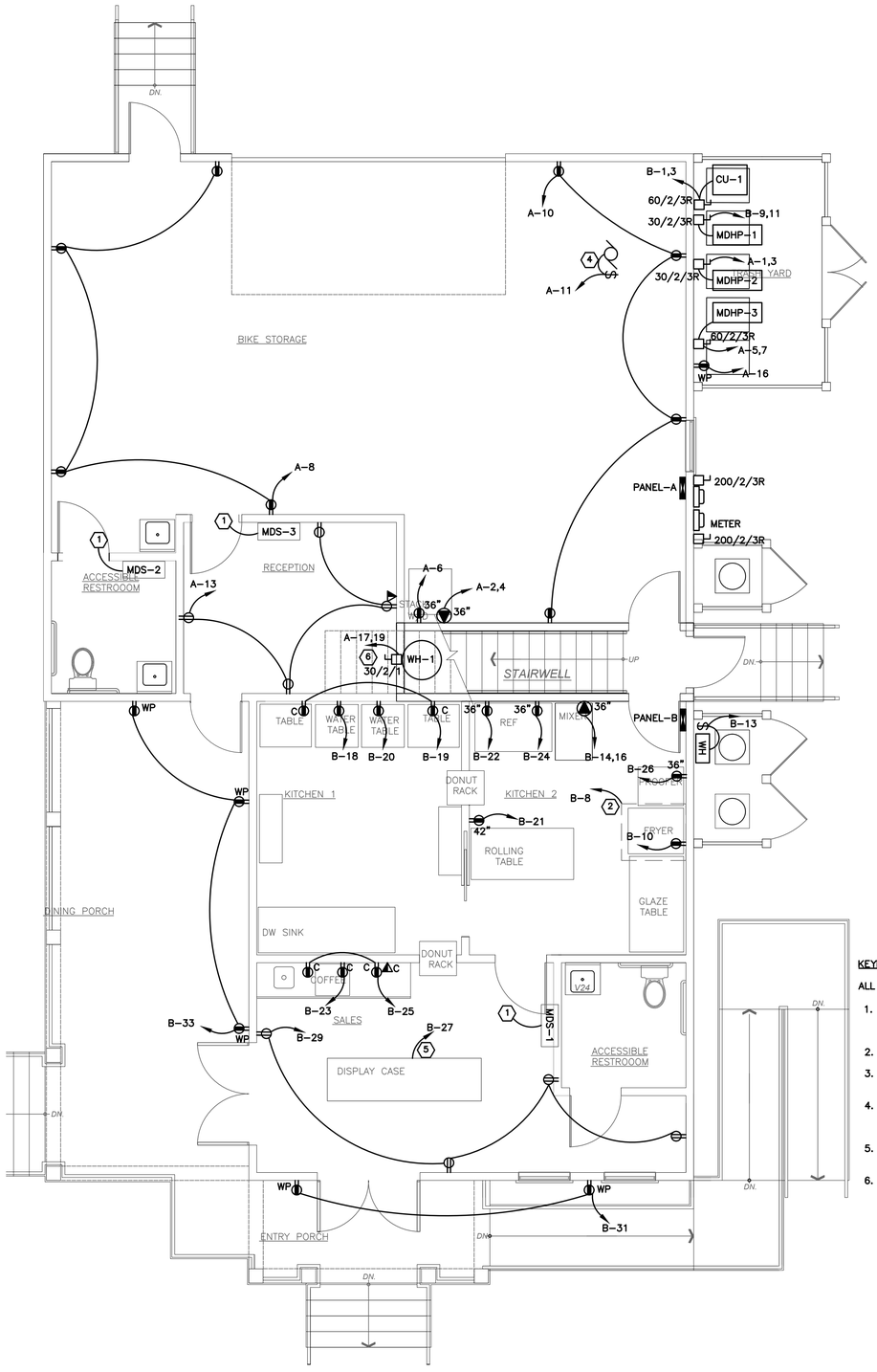
SOUTH CAROLINA — LICENSED PROFESSIONAL ENGINEER — No.26988 — 05/21/2024 — RYAN M YOCCO

ALLJOY BBRC & ALLJOY DC

27 NEW ORLEANS RD.
HILTON HEAD, SOUTH CAROLINA

Revisions
XXX
XXX
XXX
XXX
XXX

Submittal: PERMIT
Drawn By: RMY
Checked By: RMY
Date: 05/21/2024
Scale: AS SHOWN
Project Number: 2447-MS-E1
Sheet: E002

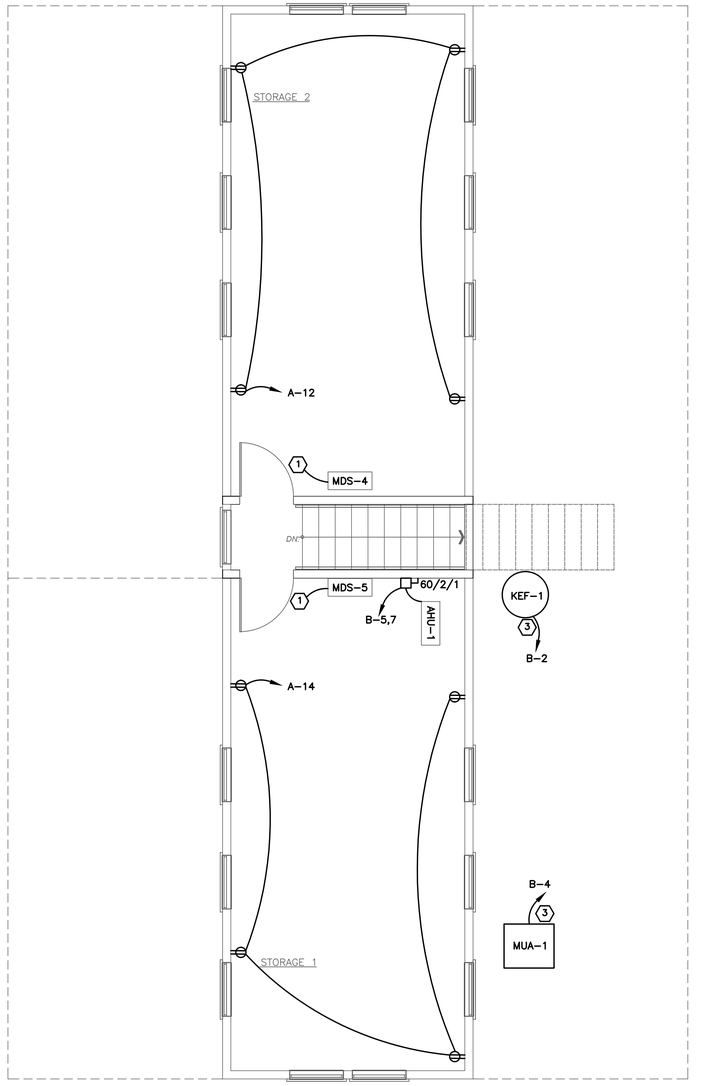


1 E100 FIRST FLOOR POWER INSTALLATION PLAN
SCALE: 1/4" = 1'-0"

KEYED NOTES:

ALL KEYED NOTES ARE REPRESENTED BY A HEXAGON SYMBOL:

1. PROVIDE (4) #14 AWG CU'S STRANDED IN 1/2" CONDUIT FROM RESPECTIVE OUTDOOR UNIT TO INDOOR UNIT. INDOOR UNIT POWERED FROM CONDENSER. COORDINATE WITH MECHANICAL CONTRACTOR.
2. MAKE FINAL CONNECTION TO HOOD CONTROL PANEL FOR LIGHTS AND CONTROL POWER.
3. MAKE FINAL CONNECTION TO HOOD FANS. FANS PROVIDED WITH FACTORY MOUNTED DISCONNECT.
4. PROVIDE SWITCH TO SERVE AS FAN DISCONNECT AND LOCATE ON WALL ADJACENT TO FAN. MAKE FINAL CONNECTIONS TO FAN. FIELD COORDINATE LOCATION WITH MECHANICAL CONTRACTOR.
5. COORDINATE POWER ROUTING AND CONNECTION REQUIREMENTS FOR DISPLAY CASE WITH OWNER PRIOR TO ROUGH-IN. POWER SHOWN AS A PLACE HOLDER.
6. WATER HEATER IN STORAGE SPACE BELOW STAIRS. FIELD COORDINATE DISCONNECT LOCATION WITH PLUMBING CONTRACTOR TO MAINTAIN WORKING CLEARANCES.



2 E100 SECOND FLOOR POWER INSTALLATION PLAN
SCALE: 1/4" = 1'-0"

CDDC
CONSULT
DESIGN
DRAFT
CONSTRUCT
P.O. BOX 2869 BLUFFTON, S.C. 29910
ph. 843-384-4731 fx. 843-837-3577

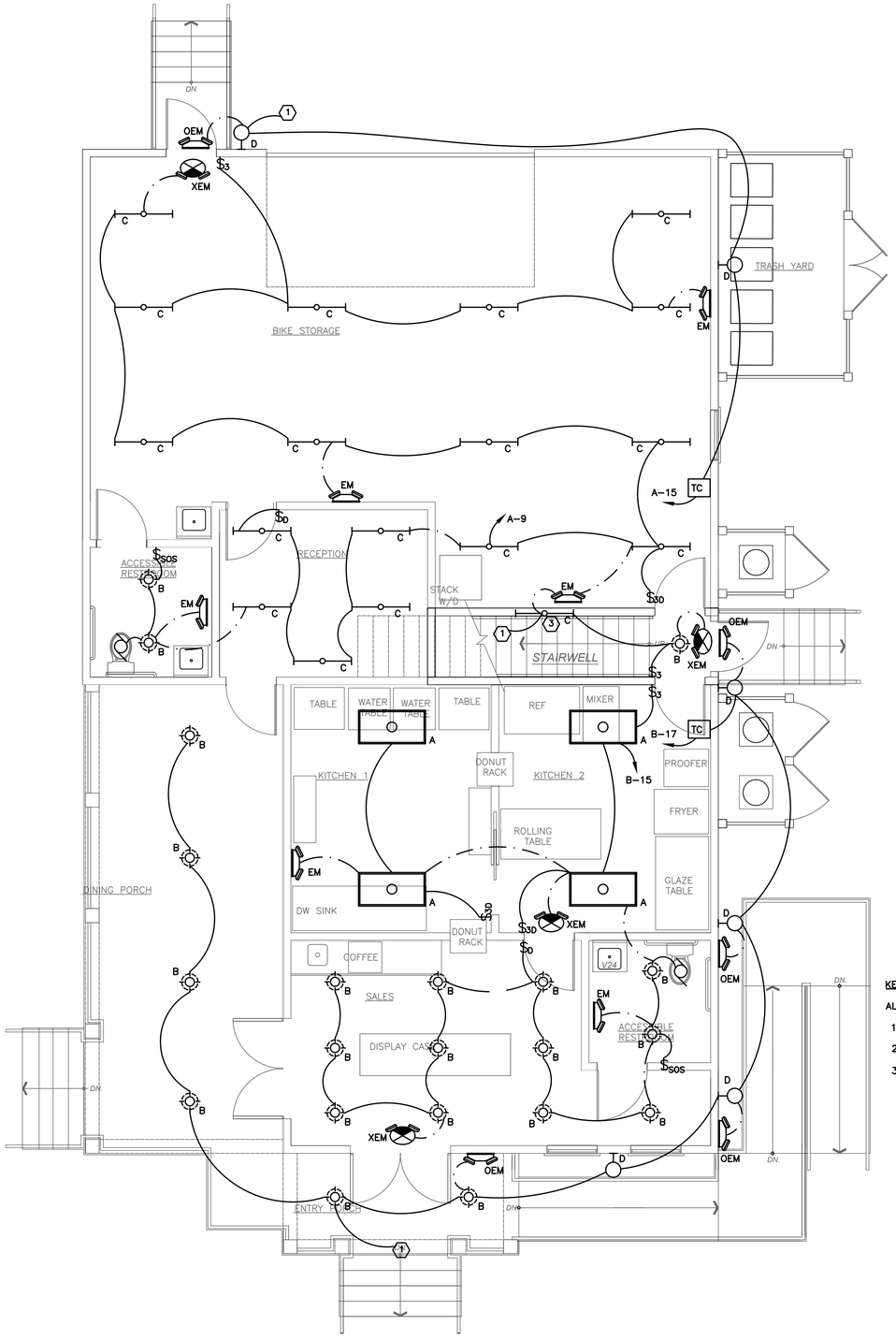
SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
CDDC LLC No.3906

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER
05/21/2024
No.26988
RYAN M YOCUM

ALLJOY BBRC & ALLJOY DC

27 NEW ORLEANS RD.
HILTON HEAD, SOUTH CAROLINA

Revisions
XXX
XXX
XXX
XXX
XXX
Submittal PERMIT
Drawn By RMY / **Checked By** RMY
Date 05/21/2024
Scale AS SHOWN
Project Number 2447-MS-E1
Sheet E100

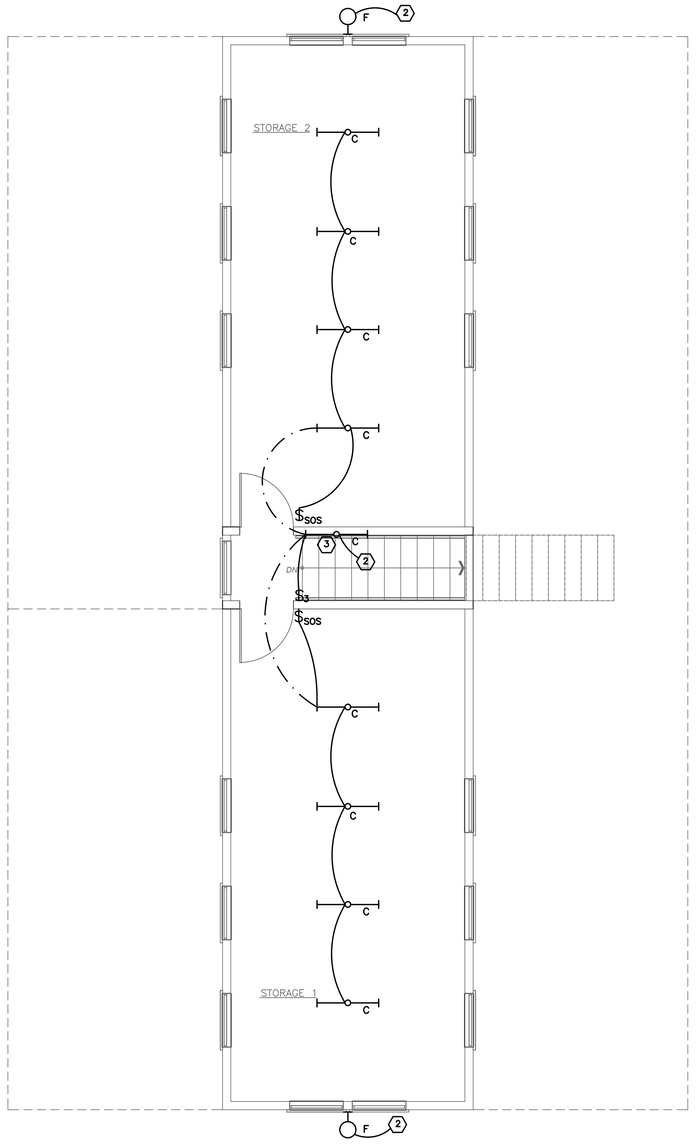


1 E200 FIRST FLOOR LIGHTING INSTALLATION PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES:

ALL KEYED NOTES ARE REPRESENTED BY A ⬡ SYMBOL:

1. TO LIGHTING ABOVE.
2. TO LIGHTING BELOW.
3. WALL MOUNT IN STAIRWELL. FIELD COORDINATE HEIGHT W/ OWNER.



2 E200 SECOND FLOOR LIGHTING INSTALLATION PLAN
SCALE: 1/4" = 1'-0"

CDDC
CONSULT
DESIGN
DRAFT
CONSTRUCT
P.O. BOX 2869 BLUFFTON, S.C. 29910
ph. 843-384-4731 fx. 843-837-3577

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
CDDC LLC No.3906

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER
05/21/2024
No.26988
RYAN M YOCUM

ALLJOY BBRC & ALLJOY DC

27 NEW ORLEANS RD.
HILTON HEAD, SOUTH CAROLINA

Revisions
XXX
XXX
XXX
XXX
XXX
Submittal PERMIT
Drawn By RMY / **Checked By** RMY
Date 05/21/2024
Scale AS SHOWN
Project Number 2447-MS-E1
Sheet E200

MECHANICAL LEGEND:

- EQUIPMENT TO BE DEMOLISHED
- POINT OF RECONNECTION
- POINT OF DISCONNECTION
- NEW DUCT
- FLEX DUCT
- SUPPLY
- RETURN
- EXHAUST
- AIR TERMINAL TAG | AIRFLOW [CFM] (1 | CFM; 6 | 24X24) — NECK SIZE | FACE SIZE
- THERMOSTAT (T)
- OCCUPANCY SENSOR (O)
- HUMIDISTAT (H)
- WALL SWITCH/SPEED CONTROLLER (ω)
- SMOKE DETECTOR (S)
- MOTOR OPERATED DAMPER (M)
- T-STAT CONTROL WIRE
- TURNING VANES
- MANUAL VOLUME DAMPER (VD)
- REFRIGERANT SUPPLY/RETURN PIPING (RS / RL)
- CONDENSATE PIPING (CD)
- FIRE DAMPER (FD)

ABREVIATIONS:

DPS	-	DUCT PRESSURE SENSOR
HP	-	HEAT PUMP
AHU	-	AIR HANDLER
PAC	-	PACKAGED ROOFTOP UNIT
UH	-	UNIT HEATER
EUH	-	ELECTRIC UNIT HEATER
REF	-	ROOF EXHAUST FAN
AFF	-	ABOVE FINISHED FLOOR
EF	-	EXHAUST FAN
E/A	-	EXHAUST AIR
S/A	-	SUPPLY AIR
R/A	-	RETURN AIR
T/A	-	TRANSFER AIR
MU/A	-	MAKE-UP AIR
Ø	-	ROUND
BFF	-	BELOW FINISHED FLOOR
(E)	-	EXISTING
T	-	THERMOSTAT
FD	-	FIRE DAMPER
SD	-	SMOKE DAMPER
NTS	-	NOT TO SCALE
NO	-	NORMALLY OPEN
NC	-	NORMALLY CLOSED

MECHANICAL GENERAL NOTES:

1. PROVIDE ALL MATERIALS AND LABOR FOR COMPLETE AND PROPERLY FUNCTIONING MECHANICAL SYSTEMS. WARRANTY ALL WORK AND ALL MATERIALS, EQUIPMENT AND DEVICES FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE.
2. WORK SHALL CONFORM TO OR MEET THE REQUIREMENTS OF THE MOST CURRENT ADOPTED EDITION OF:
   - A: INTERNATIONAL MECHANICAL CODE
   - B: INTERNATIONAL BUILDING CODE
   - C: INTERNATIONAL FUEL AND GAS CODE
   - D: SMACNA
   - E: ASHRAE
   - F: ALL FEDERAL, STATE AND LOCAL CODES AND ORDINANCES WHICH APPLY TO THIS WORK.
3. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO BE SCALED FOR DIMENSIONS
4. ALL MATERIALS, EQUIPMENT AND DEVICES SHALL MEET THE REQUIREMENTS OF UL WHERE UL STANDARDS ARE ESTABLISHED FOR THOSE ITEMS. ALL ITEMS SHALL BE CLASSIFIED BY UL AS SUITABLE FOR THE PURPOSE USED.
5. COORDINATE LOCATION OF MECHANICAL WORK WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES.
6. INSTALL ALL EQUIPMENT AND MATERIAL IN ACCORDANCE WITH MANUFACTURE'S WRITTEN, PRINTED INSTRUCTIONS AND RECOMMENDATIONS.
7. PROVIDE OWNER WITH CERTIFICATES OF FINAL INSPECTION AND ACCEPTANCE FROM AUTHORITY HAVING JURISDICTION.
8. MAKE CONNECTIONS FROM MECHANICAL EQUIPMENT TO DUCTWORK USING FLEXIBLE DUCT CONNECTIONS.
9. ALL EQUIPMENT, PIPE AND DUCTWORK ABOVE CEILING SHALL BE SUPPORTED FROM BUILDING STRUCTURE ABOVE.
10. DUCT SIZES INDICATED ARE NET FREE INSIDE DIMENSIONS OF RECTANGULAR METAL DUCT. AT CONTRACTOR'S OPTION, EQUIVALENT SIZE ROUND DUCT MAY BE USED.
11. PROVIDE FLOAT SWITCH IN ALL SECONDARY PANS TO SHUT OFF UNITS WHEN DRAINS BECOME OBSTRUCTED.
12. FURNISH AND INSTALL ALL MANUAL DAMPERS INDICATED ON DRAWINGS. ALL DAMPERS SHALL BE OFFSET, LOCKING, QUADRANT TYPE DAMPERS.
13. WHERE PIPES PENETRATE FIRE RATED WALLS, FLOORS OR CEILING, SEAL OPENING AROUND PIPES WITH U.L. LISTED FIRE STOPPING MATERIAL TO MAINTAIN THE FIRE RATING OF THE WALL, FLOOR OR CEILING IN ACCORDANCE WITH U.L. LISTED DESIGN FOR 1 HOUR PENETRATIONS. SUBMIT U.L. DESIGN FOR FIRE RATED PENETRATIONS SEALS TO ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO START OF WORK.
14. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL AN AIR FILTER PER MANUFACTURER'S INSTRUCTIONS PRIOR TO SYSTEM OPERATION.
15. ALL DUCTWORK, EXCEPT EXPOSED SUPPLY DUCTWORK, SHALL BE SINGLE WALL GALVANIZED STEEL. ALL JOINTS AND SEAMS SHALL BE CLEANED, COATED AND SEALED WITH MASTIC OR MASTIC TAPE PRIOR TO APPLYING THE EXTERNAL INSULATION.
16. SUPPLY AND DUCTWORK SHALL BE INSULATED WITH 3" FIBERGLASS DUCT WRAP WITH FOIL FACE (OWENS CORNING TYPE 75 OR APPROVED EQUAL)
17. UNLESS INDICATED AS A RADIUS ELBOW, ALL DUCT ELBOWS AND TEES SHALL HAVE TURNING VANES.
18. ALL INDOOR CONDENSATE AND REFRIGERANT PIPING SHALL BE INSULATED WITH 1.5" ELASTOMERIC INSULATION. ALL REFRIGERANT PIPING EXPOSED TO OUTDOORS SHALL BE INSULATED WITH 1.5" ELASTOMERIC FOAM INSULATION WITH MINIMUM 0.16" ALUMINUM JACKET AND ALL JOINTS SHALL BE TAPED WITH ALUMINUM TAPE AROUND FULL CIRCUMFERENCE. EQUIVALENT MATERIALS APPROVED.
19. CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPING SHALL BE SCHEDULE 40 CPVC.
20. ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH ROOFING CONTRACTOR TO ENSURE ROOF BOND WILL BE MAINTAINED.
21. PROVIDE ALL OPERATION AND MAINTENANCE MANUALS FOR MECHANICAL EQUIPMENT TO BUILDING OWNER.
22. ALL DUCTWORK SHALL BE INSULATED TO A MINIMUM OF R-8.
23. CONDENSATE PIPING SHALL BE SCHEDULE 40 CPVC INSIDE MECHANICAL ROOM AND SCHEDULE 40 PVC IN OTHER LOCATIONS.
24. DRYER DUCT SHALL BE 28 GAUGE GALVANIZED STEEL SMOOTH DUCT FREE OF ALL OBSTRUCTIONS. SCREWS AND FASTENERS SHALL NO PENETRATE DUCTWORK. DUCT JOINTS SHALL BE SEALED WITH METAL DRYER DUCT RATED TAPE. CLEANOUTS SHALL BE INSTALLED EVERY 8'-0" OR DIRECTLY AFTER A TRANSITION.

GREASE DUCT SPECIFICATION:

FURNISH DOUBLE WALL, FACTORY BUILT GREASE DUCT FOR USE WITH TYPE I KITCHEN HOODS, WHICH CONFORMS TO THE REQUIREMENTS OF NFPA-96. PRODUCTS SHALL BE ETL LISTED TO UL-1978 AND UL-2221 FOR VENTING AIR AND GREASE VAPORS FROM COMMERCIAL COOKING OPERATION. DOUBLE WALL GREASE DUCTS ARE LISTED FOR A CONTINUOUS INTERNAL TEMPERATURE OF 500 DEGREES F AND INTERMITTENT TEMPERATURES OF 2000 DEGREES F. THE DUCT SECTIONS SHALL BE CONSTRUCTED OF AN INNER DUCT WALL AND AN OUTER WALL WITH INSULATION IN BETWEEN. THE INNER DUCT WALL SHALL BE CONSTRUCTED OF .036 INCH THICK, 430 TYPE STAINLESS STEEL AND BE AVAILABLE IN DIAMETERS 8" THROUGH 36". THE OUTER WALL SHALL BE CONSTRUCTED OF STAINLESS STEEL AT A MINIMUM OF .024 INCH THICKNESS. THE DUCT, BASED ON MODEL NUMBER, SHALL INCLUDE LAYERS OF SUPER WOOL 607 PLUS OR INSULFRAX ELITE BLANKET INSULATION BETWEEN THE INNER AND OUTER WALL. GREASE DUCT JOINTS SHALL BE HELD TOGETHER BY MEANS OF FORMED V CLAMPS AND SEALED WITH 3M FIRE BARRIER 2000+. THE DUCT WALL ASSEMBLY SHALL BE TESTED AND LISTED AT ¾" OR ZERO INCH CLEARANCE, ACCORDING TO CLASSIFICATIONS.

PROJECT GENERAL NOTES:

1. REMOVE ALL UNUSED PIPING, DUCTWORK AND ACCESSORIES.
2. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING, PRIOR TO FINAL BID, ALL EXISTING CONDITIONS FOR PLUMBING AND MECHANICAL SYSTEMS WITHIN BUILDING.
3. WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK. UNSEAL DRAINS AT COMPLETION OF CONSTRUCTION.
4. COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, AND EQUIPMENT TO PREVENT CONFLICTS.
5. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AS WELL AS THOSE WHICH CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL, ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
6. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.
7. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF ALL APPLICABLE CODES, AND LOCAL CODES AS APPLIED BY THE AUTHORITY HAVING JURISDICTION.
9. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
10. LOCATE DUCTWORK, PIPING AND MECHANICAL EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT.
11. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL AND SHALL BE U.L. LISTED.
12. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
13. MAINTAIN CLEAR ACCESS TO SERVICE EQUIPMENT AND OTHER ACCESSORIES REQUIRING SERVICE, VISUAL INSPECTION OR HAND OPERATION. WHERE INDICATED OR REQUIRED,PROVIDE ACCESS PANELS OF THE TYPE SELECTED TO SUIT MATERIALS IN WHICH INSTALLED.
14. ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.
15. PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
16. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
17. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
18. LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD.
19. THE CONTRACTOR'S WORK SCHEDULE SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER.
20. PRIOR TO STARTING WORK, SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL EQUIPMENT, PLUMBING FIXTURES, AND DIFFUSERS.
21. PROVIDE ONE YEAR WARRANTY FOR ALL WORKMANSHIP AND MATERIALS AFTER THE DATE OF FINAL ACCEPTANCE.
22. PRIOR TO BIDDING ON THE PROJECT AND PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL REVIEW PLANS FROM OTHER DISCIPLINES, BECOME FULLY KNOWLEDGEABLE ABOUT THE PROJECT, REQUIREMENTS, AND NECESSARY EQUIPMENT REQUIRED TO COMPLETE THE PROJECT IN A COMPLIANT FASHION. THIS INCLUDES BUT NOT LIMITED TO ARCHITECTURAL, STRUCTURAL, CIVIL, AND OTHER MEP PLANS.

SHEET INDEX

SHEET NUMBER	SHEET TITLE	REV. NUMBER	DATE
M0-01	MECHANICAL TITLE SHEET AND DETAILS	0	05/21/2024
M1-01	OVERALL MECHANICAL PLAN	0	05/21/2024
M1-02	SECOND FLOOR MECHANICAL PLAN	0	05/21/2024
M2-01	ENLARGED DONUT SHOP MECHANICAL PLAN	0	05/21/2024
M2-02	ENLARGED BIKE SHOP MECHANICAL PLAN	0	05/21/2024
M5-01	MECHANICAL DETAILS	0	05/21/2024
M6-01	MECHANICAL SCHEDULES	0	05/21/2024

H² ENGINEERING

COA:

SOUTH CAROLINA — H&H ENGINEERING OF HAMPTON No. 3883 — CERTIFICATE OF AUTHORIZATION

SEAL:

SOUTH CAROLINA — PROFESSIONAL ENGINEER — MITCHELL DUFFIELD — 05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

- [x] APPROVED FOR CONSTRUCTION
- [ ] PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT

ALLJOY BBRC & ALLJOY DC

JOB NUMBER

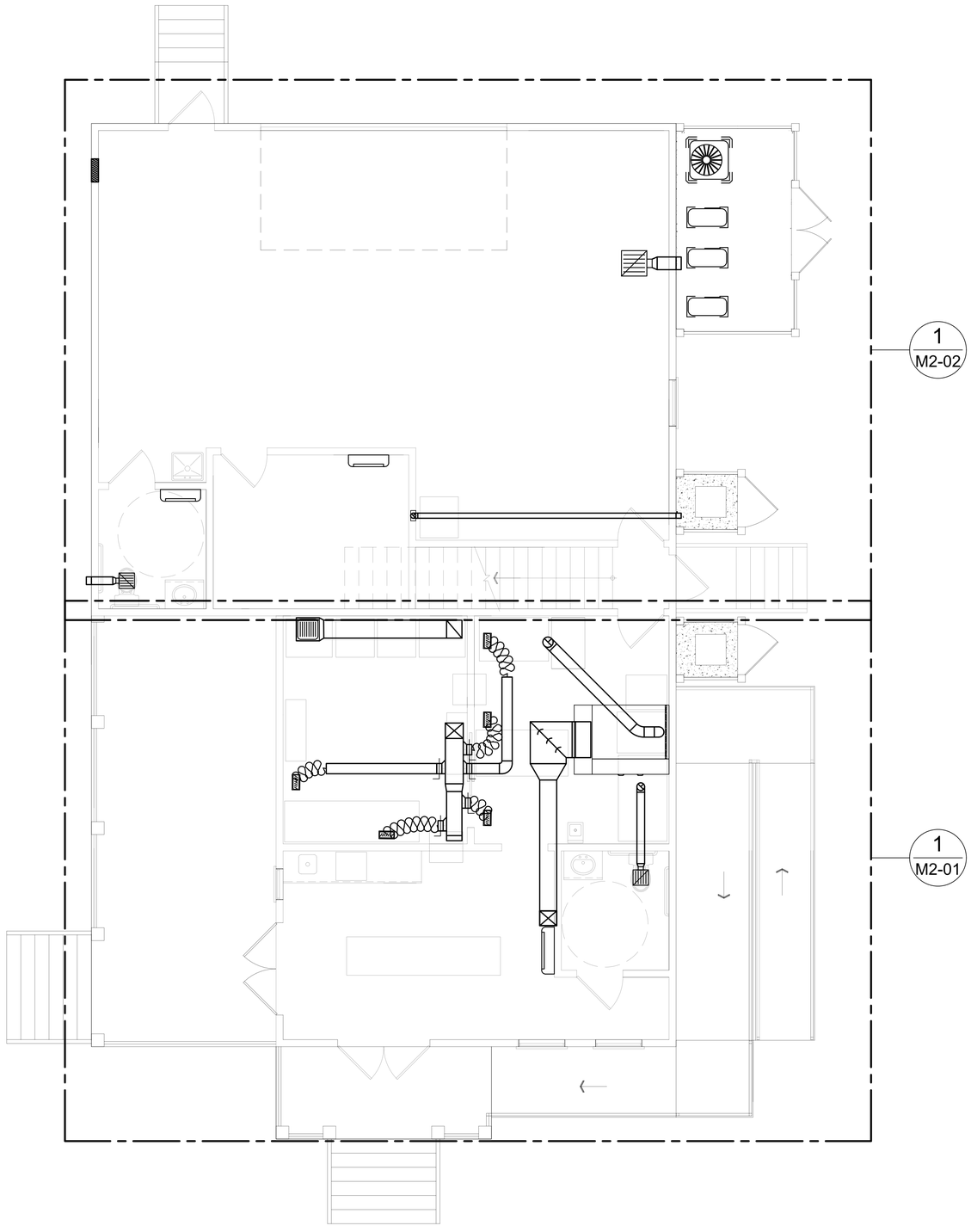
21-016

SHEET TITLE

MECHANICAL TITLE SHEET

SHEET NUMBER

M0-01



1 M1-01 FIRST FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

MECHANICAL NEW WORK GENERAL NOTES:

1. DESIGN IS DIAGRAMMATIC IN NATURE. CONTRACTOR TO CONFIRM AND NOTIFY EOR OF ANY CHANGES.

H² ENGINEERING

COA:

SOUTH CAROLINA
H&H ENGINEERING OF HAMPTON
No. 3883
CERTIFICATE OF AUTHORIZATION

SEAL:

SOUTH CAROLINA PROFESSIONAL ENGINEER
MITCHELL DUFFIELD
05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

- [x] APPROVED FOR CONSTRUCTION
- [ ] PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT

ALLJOY BBRC & ALLJOY DC

JOB NUMBER

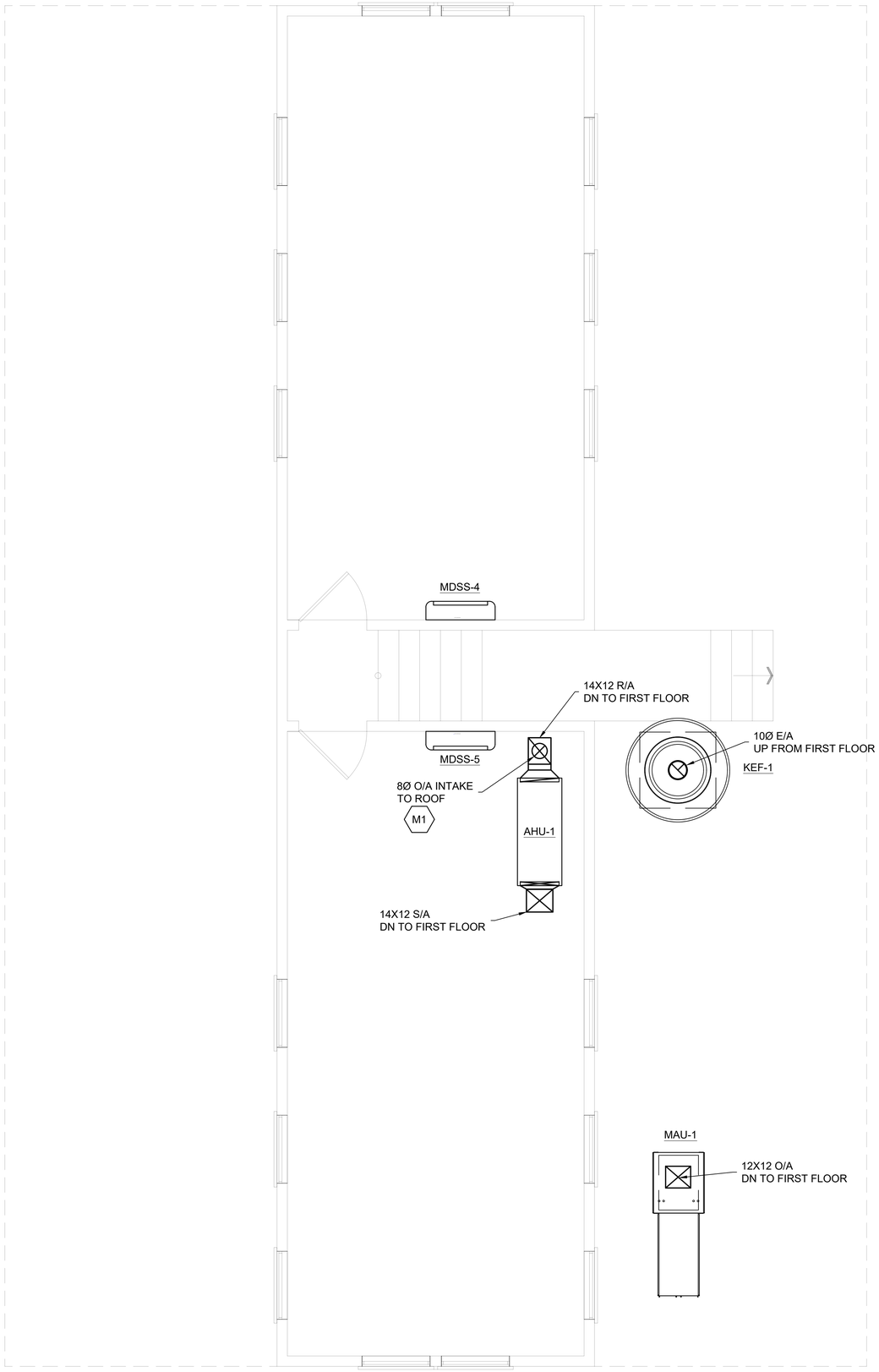
21-016

SHEET TITLE

FIRST FLOOR MECHANICAL PLAN

SHEET NUMBER

M1-01



1 M1-02 SECOND FLOOR MECHANICAL PLAN

SCALE: 3/8" = 1'-0"

EXHAUST FAN INFORMATION - JOB#6800512

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1	KEF-1	1	DU50HFA	CAPTIVEAIRE	788	1.000	1435	TEAO-ECM	0.500	0.3060	1	115	6.3	300 FPM	78	14.1

MUA FAN INFORMATION - JOB#6800512

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MOCP	WEIGHT (LBS)	SONES
2	MAU-1	1	A1-15D	15MF-1-MOD	A1	-	700	0.500	1101	TEAO-ECM	1.000	0.1840	1	115	11.6	15.6A	25A	260	8.9

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1	1	GREASE BOX
		1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECPMO3 PREWIRE (TELCO MOTOR), CCW ROTATION
		1	2 YEAR PARTS WARRANTY
2	MAU-1	1	SIZE 1 UNTEMPERED COMMERCIAL DOWN DISCHARGE FOR DIRECT DRIVE AHUS
		1	ECM WIRING PACKAGE - DD SUPPLY - PWM SIGNAL FROM ECPMO3 PREWIRE (TELCO MOTOR)
		1	2 YEAR PARTS WARRANTY

FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	KEF-1	YES						
2	MAU-1							

CURB ASSEMBLIES

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1	34 LBS	CURB	19.500"W X 19.500"L X 24.000"H 4.000:12.000 PITCH ALONG LENGTH, RIGHT VENTED HINGED.
2	# 2	MAU ROOF-1	29 LBS	CURB	21.000"W X 29.000"L X 15.000"H 4.000:12.000 PITCH ALONG WIDTH, RIGHT INSULATED.

MECHANICAL NOTES:

1. DESIGN IS DIAGRAMMATIC IN NATURE. CONTRACTOR TO CONFIRM AND NOTIFY EOR OF ANY CHANGES.
2. PROVIDE ROOF RAILS FOR ROOF MOUNTED EQUIPMENT. MAINTAIN 10'-0" FROM INTAKE AND EXHAUST.

MECHANICAL NEW WORK KEYNOTES:

M1 ROUTE OUTSIDE AIR DUCT TO ROOF. PROVIDE WITH MANUAL BALANCING DAMPER AND MOTORIZED OUTSIDE AIR DAMPER. MOTORIZED OUTSIDE AIR DAMPER INTERLOCKED WITH KEF-1 OPERATION.

H2 ENGINEERING

COA:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION H&H ENGINEERING OF HAMPTON No. 3883

SEAL:

SOUTH CAROLINA PROFESSIONAL ENGINEER MITCHELL DUFFIELD 30533 05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

APPROVED FOR CONSTRUCTION

PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT

ALLJOY BBRC & ALLJOY DC

JOB NUMBER

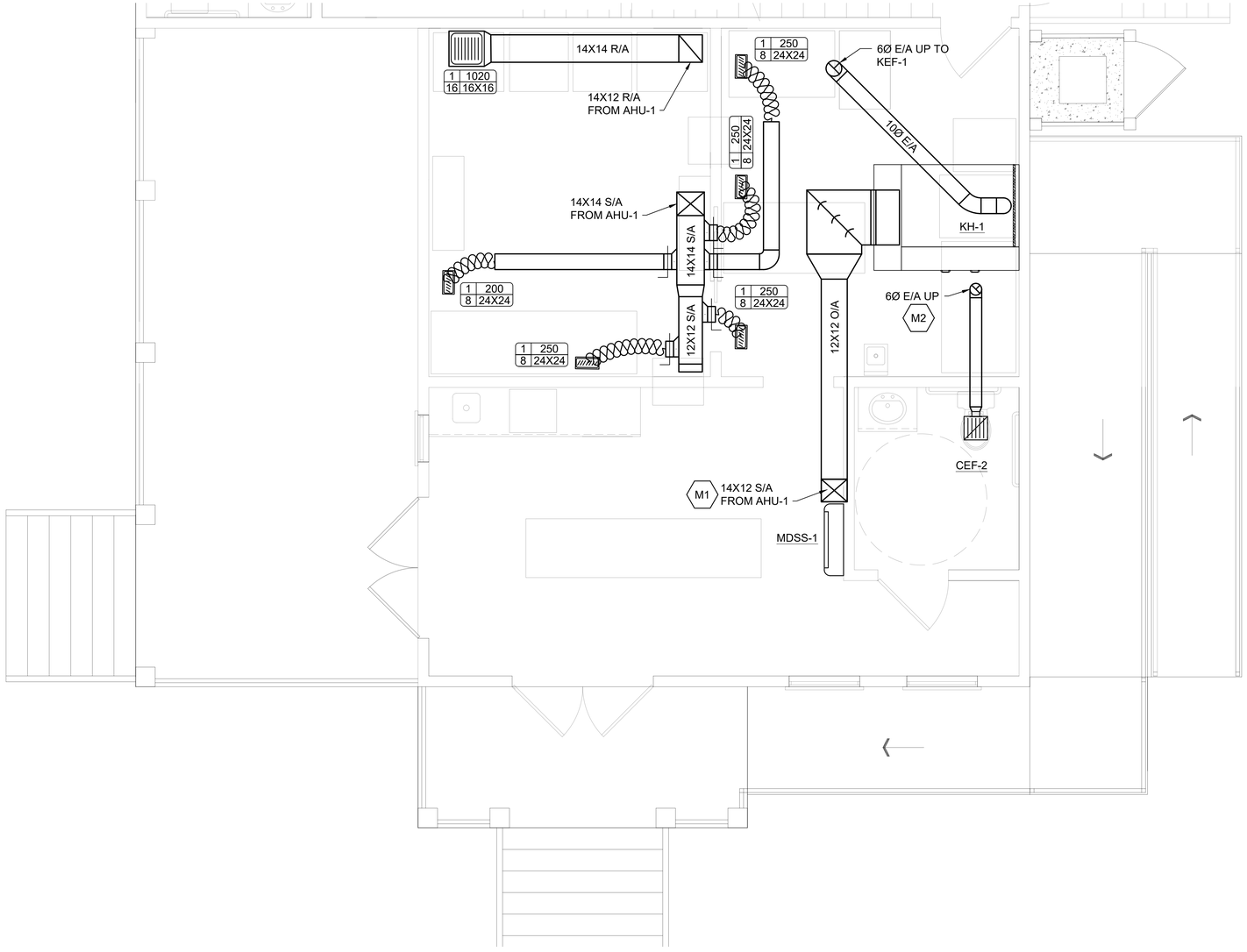
21-016

SHEET TITLE

SECOND FLOOR MECHANICAL PLAN

SHEET NUMBER

M1-02



1 / M2-01 DONUT SHOP MECHANICAL PLAN

SCALE: 3/8" = 1'-0"

MECHANICAL NEW WORK GENERAL NOTES:

1. DESIGN IS DIAGRAMMATIC IN NATURE. CONTRACTOR TO CONFIRM AND NOTIFY EOR OF ANY CHANGES.

MECHANICAL NEW WORK KEYNOTES:

M1 CONNECT TO KITCHEN HOOD WITH FLEXIBLE CONNECTION. PROVIDE MANUAL BALANCING DAMPER.

M2 ROUTE EXHAUST DUCT TO ROOF. FINISH WITH ROOF JACK, BACKDRAFT DAMPER AND BIRDSCREEN. MAINTAIN 10'-0" FROM INTAKE.

H2 ENGINEERING

COA:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
H&H ENGINEERING OF HAMPTON No. 3883

SEAL:

SOUTH CAROLINA PROFESSIONAL ENGINEER MITCHELL DUFFIELD 05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

☒ APPROVED FOR CONSTRUCTION

☐ PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT

ALLJOY BBRC & ALLJOY DC

JOB NUMBER

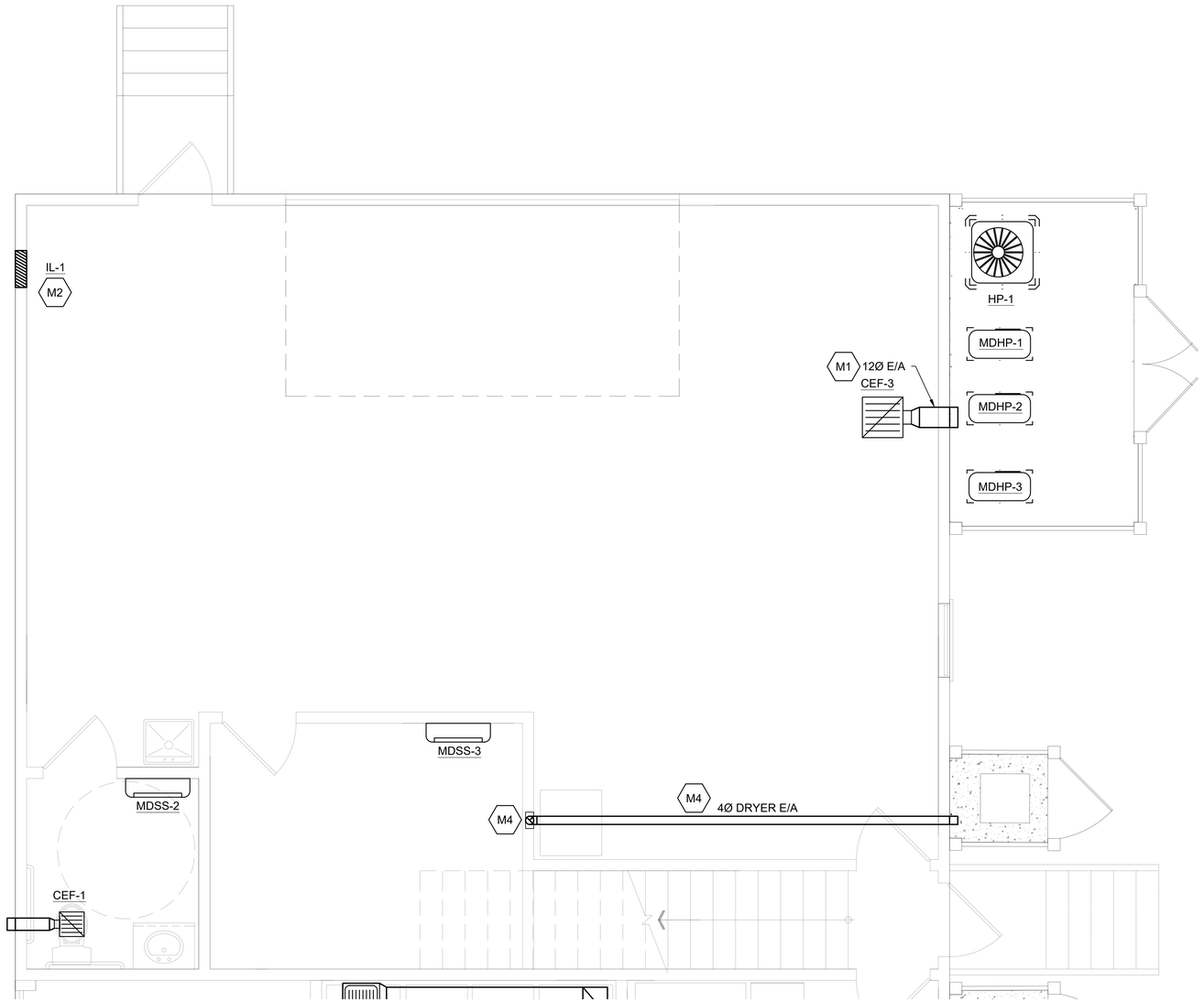
21-016

SHEET TITLE

OVERALL MECHANICAL PLAN

SHEET NUMBER

M2-01



1 / M2-02 BIKE STORAGE MECHANICAL PLAN

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

MECHANICAL NEW WORK GENERAL NOTES:

1. DESIGN IS DIAGRAMMATIC IN NATURE. CONTRACTOR TO CONFIRM AND NOTIFY EOR OF ANY CHANGES.

MECHANICAL NEW WORK KEYNOTES:

M1 ROUTE EXHAUST AIR TO EXTERIOR WALL. FINISH WITH WALL CAP, BACKDRAFT DAMPER AND BIRDSCREEN.

M2 INSTALL INTAKE LOUVER 2'-0" A.F.F. PROVIDE ALL REQUIRED EQUIPMENT AND COORDINATE WITH CONTRACTOR FRAME SIZE AND MOUNTING TYPE.

M3 INSTALL HEAT PUMPS ON CONCRETE PADS. INSTALL LINE HIDE OR SIMILAR TO PROTECT REFRIGERATION PIPING.

M4 INSTALL DRYERBOX DB350 WITHIN WALL. ROUTE DRYER DUCT TO EXTERIOR WALL AND FINISH WITH WALL CAP AND BACKDRAFT DAMPER, NO BIRDSCREEN. CONTRACTOR TO CONFIRM LENGTH OF DUCTWORK AND REQUIRED TRANSITIONS DO NOT EXCEED 35'-0"

H2 ENGINEERING

COA:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
H&H ENGINEERING OF HAMPTON No. 3883

SEAL:

SOUTH CAROLINA PROFESSIONAL ENGINEER MITCHELL DUFFIELD 05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

☒ APPROVED FOR CONSTRUCTION

☐ PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT

ALLJOY BBRC & ALLJOY DC

JOB NUMBER

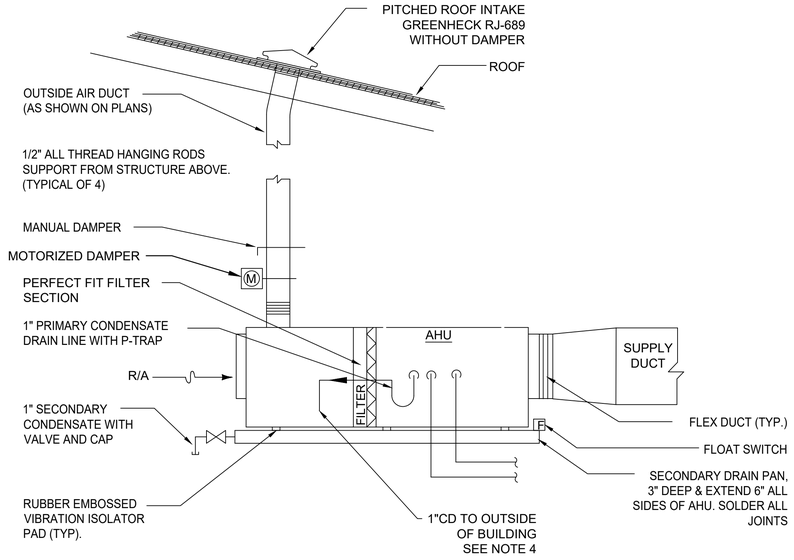
21-016

SHEET TITLE

OVERALL MECHANICAL PLAN

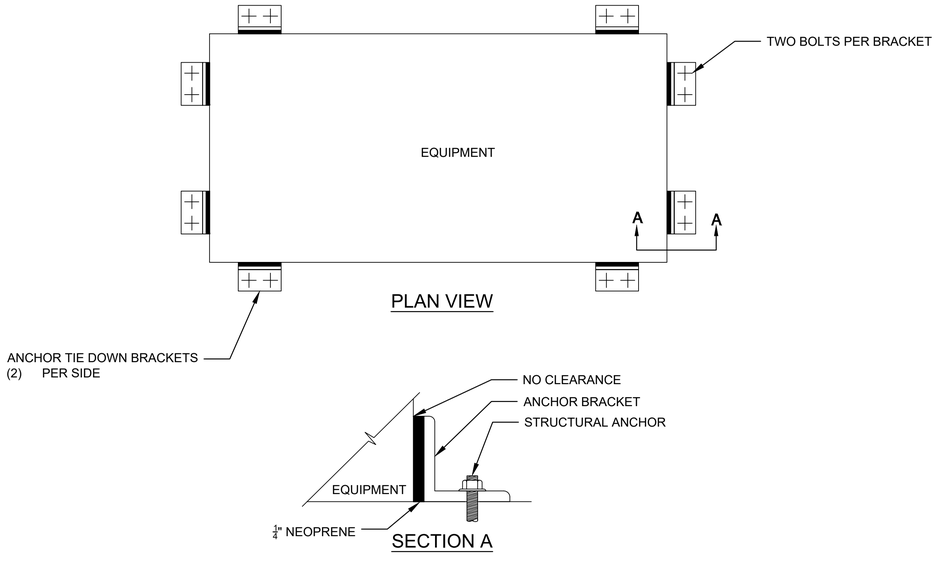
SHEET NUMBER

M2-02

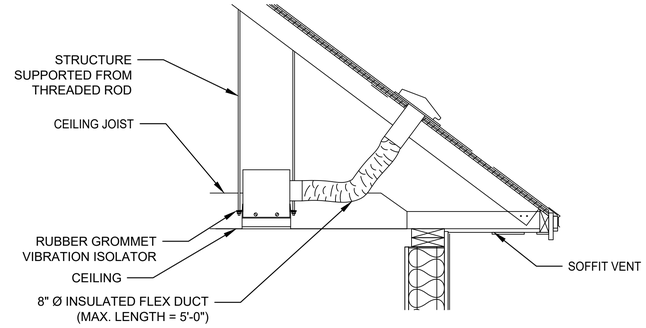


NOTES:
1. SET AHU ON PRESSURE TREATED 4"x4" RUNNERS (LENGTH OF AHU) IN THE DRAIN PAN.
2. PROVIDE A FLOAT SWITCH TO SHUT DOWN UNIT IF SECONDARY DRAIN PAN FILLS WITH WATER.
3. FILTER SHALL BE REMOVABLE WITHOUT REQUIRING TOOLS.
4. ROUTE THE CONDENSATE DRAIN TO A COVENANT LOCATION OUTSIDE THE BUILDING AND TERMINATE 6" A.F.G. WITH SPLASH BLOCK.

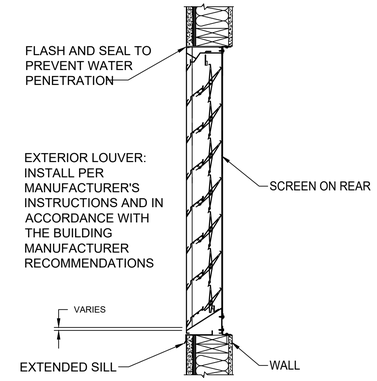
1 M5-01 TYPICAL HORIZONTAL SPLIT SYSTEM DETAIL
NOT TO SCALE



4 M5-01 GROUND MOUNTED EQUIPMENT BRACING DETAIL
NOT TO SCALE

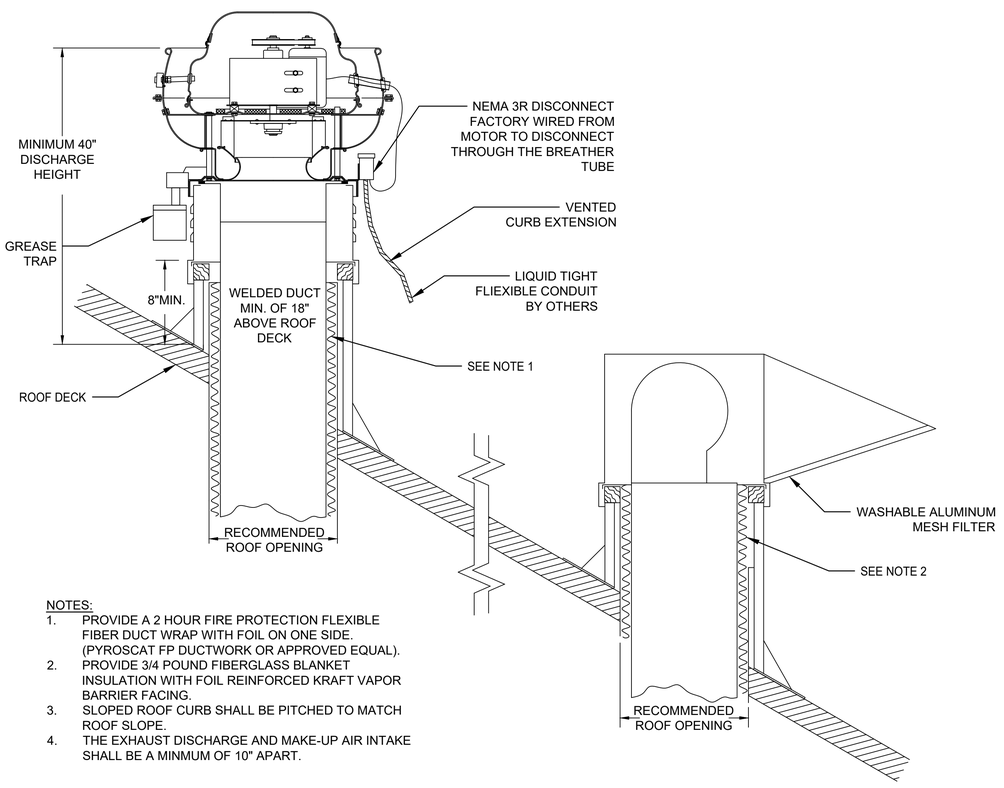


2 M5-01 TYPICAL EXHAUST FAN DETAIL
NOT TO SCALE



NOTES:
1. LOUVER SHALL BE INSTALLED TO MEET CODE REQUIREMENTS FOR WIND BORNE DEBRIS AND STRUCTURAL SUPPORT REQUIREMENTS.

3 M5-01 TYPICAL LOUVER DETAIL
NOT TO SCALE



NOTES:
1. PROVIDE A 2 HOUR FIRE PROTECTION FLEXIBLE FIBER DUCT WRAP WITH FOIL ON ONE SIDE. (PYROSCAT FP DUCTWORK OR APPROVED EQUAL).
2. PROVIDE 3/4 POUND FIBERGLASS BLANKET INSULATION WITH FOIL REINFORCED KRAFT VAPOR BARRIER FACING.
3. SLOPED ROOF CURB SHALL BE PITCHED TO MATCH ROOF SLOPE.
4. THE EXHAUST DISCHARGE AND MAKE-UP AIR INTAKE SHALL BE A MINMUM OF 10" APART.

5 M5-01 KITCHEN EXHAUST AND MAKE-UP FAN DETAIL
NOT TO SCALE

H² ENGINEERING

COA:

SOUTH CAROLINA
H&H ENGINEERING OF HAMPTON No. 3883
CERTIFICATE OF AUTHORIZATION

SEAL:

SOUTH CAROLINA PROFESSIONAL ENGINEER
MITCHELL DUFFIELD
05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

☒ APPROVED FOR CONSTRUCTION

☐ PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT
ALLJOY BBRC & ALLJOY DC

JOB NUMBER
21-016

SHEET TITLE
MECHANICALS DETAILS

SHEET NUMBER
M5-01

SPLIT SYSTEM HEAT PUMP SCHEDULE

		MARK	AHU-1
INDOOR UNIT	FAN	SUPPLY AIR - CFM	1,200
		OUTSIDE AIR - CFM	180
		EXT. S.P. - IN. W.G.	0.5
		BLOWER MOTOR - HP (MIN)	0.5
		ELECTRICAL - V/Ø/HZ	240/1/60
		MIN CIRCUIT AMPACITY	45
		PROT. RTG. RECMD. (AMPS)	45
		APPROXIMATE WEIGHT - LB	155
	COOLING	TOTAL CAPACITY - MBTU/H	36.4
		SENSIBLE CAPACITY - MBTU/H	28.7
		ENT. AIR TEMP. - °F dB/wB	80 / 67
	HEATING	HIGH TEMP. HEATING - MBTUH AT ARI	37.2
		AUXILIARY HEATER - KW / STEPS	7.68 / 1
HEAT PUMP UNIT		MARK	HP-1
		AMBIENT AIR TEMP. - °F db	95
		COMPRESSORS - NO.	1
		ELECTRICAL - V/Ø/HZ	240/1/60
		APPROXIMATE WEIGHT - LB	219
		COMPR. RLA / FAN MOTOR FLA	19.9 / 0.86
		MIN CIRCUIT AMPACITY	20
		PROT. RTG. RECMD. (AMPS)	35
SYSTEM EER / SEER AT ARI			12.3 / 15.4
SYSTEM HPSF - HGH TEMP HEATING AT ARI			9.5
MANUFACTURER			TRANE
INDOOR UNIT MODEL NO.			TAMXB0C36V31
HEAT PUMP MODEL NO.			4TWR6036N1
NOTES			1-10

NOTES:
1. PROVIDE TRANE OR EQUAL BY CARRIER, RUUD, AMERICAN STANDARD OR YORK.
2. EXTERNAL STATIC PRESSURE IS FOR DUCTWORK SYSTEM ONLY. FILTERS, COILS AND CASING LOSSES ARE INTERNAL.
3. PROVIDE WITH VARIABLE SPEED BLOWER AND BALANCE THE SYSTEM WITH ACTUAL FIELD CONDITIONS. PROVIDE WITH SOFT START - GRADUAL INCREASE OF FAN SPEED.
4. PROVIDE WITH 1" PLEATED, 30% EFFICIENT THROWAWAY FILTERS. FILTERS SHALL BE REPLACEABLE WITHOUT THE NEED FOR ANY TOOLS.
5. PROVIDE A SINGLE POINT ELECTRICAL CONNECTION, AND A 7-DAY PROGRAMMABLE THERMOSTAT.
6. THE OUTDOOR HEAT PUMP UNIT SHALL BE PROVIDED WITH LOCKING-TYPE, TAMPER-RESISTANT CAPS TO PREVENT UNWANTED ACCESS TO THE REFRIGERANT CIRCUIT ACCESS PORTS.
7. THE INSTALLER SHALL BE CERTIFIED BY THE EQUIPMENT MANUFACTURER, AND SHALL PROVIDE REFRIGERANT PIPING, THAT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
8. PROVIDE WITH THE STANDARD FILTER TYPE.
9. PROVIDE WITH COIL PROTECTION TREATMENT.
10. PROVIDE WITH OPTIONAL LOCKOUT KIT TO PREVENT AUXILIARY HEAT OPERATION WHILE HEAT PUMP IS OPERATING ABOVE 35F.

DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

		MARK	MDSS-1	MDSS-2	MDSS-3	MDSS-4	MDSS-5
INDOOR UNIT	FAN	SUPPLY AIR - CFM	810	406	406	504	504
		ELECTRICAL - V/Ø/HZ	240/1/60	240/1/60	240/1/60	240/1/60	240/1/60
		APPROXIMATE WEIGHT - LB	46			23	23
	COOLING	TOTAL CAPACITY - MBTU/H	14.0	6.0	6.0	12.0	12.0
		ENT. AIR TEMP. - °F dB/wB	80/67	80 / 67	80 / 67	80 / 67	80 / 67
	HEATING - MBTU/H		16.0	7.4	7.4	12.0	12.0
	ELECTRICAL		POWERED BY HP	POWERED BY HP	POWERED BY HP	POWERED BY HP	POWERED BY HP
HEAT PUMP UNIT	MARK		MDHP-1	MDHP-2		MDHP-3	
	AMBIENT AIR TEMP. - °F db		95	95		95	
	COMPRESSORS - NO.		1	1		1	
	ELECTRICAL - V/Ø/HZ		240/1/60	240/1/60		240/1/60	
	APPROXIMATE WEIGHT - LB		180	126		189	
	MIN CIRCUIT AMPACITY		18	17.2		30.5	
	PROT. RTG. RECMD. (AMPS)		20	20		40	
SYSTEM EER / SEER AT ARI			10.8 / 18.8	12.7 / 20		12.5 / 18.0	
SYSTEM HPSF - HGH TEMP HEATING AT ARI			0.7	10.0		11.0	
MANUFACTURER			TRANE	TRANE		TRANE	
INDOOR UNIT MODEL NO.			NTXWPH15B112AA	NTXWST06A112AA		NTXWST15B112AA	
HEAT PUMP MODEL NO.			NTXSPB15B112AA	NTXMMX20A122AC		NTXMPH30A132AA	
NOTES			1,2,3,4	1,2,3,4		1,2,3,4	

NOTES:
1. PROVIDE TRANE OR EQUAL BY CARRIER, RUUD, AMERICAN STANDARD OR YORK.
2. HEAT PUMP INSTALLED ON 6" CONCRETE HOUSEKEEPING PADS.
3. PROVIDE A SINGLE POINT ELECTRICAL CONNECTION, AND A 7-DAY PROGRAMMABLE THERMOSTAT.
4. THE OUTDOOR HEAT PUMP UNIT SHALL BE PROVIDED WITH LOCKING-TYPE, TAMPER-RESISTANT CAPS TO PREVENT UNWANTED ACCESS TO THE REFRIGERANT CIRCUIT ACCESS PORTS.

LOUVER SCHEDULE

MARK	IL-1
TYPE	STATIONARY DRAINABLE
AIR VOLUME	650
PRESSURE DROP - IN. W.G.	0.01
FREE AREA VELOCITY	625
FREE AREA - %	36.7
WIDTH - IN.	18
HEIGHT - IN.	18
MANUFACTURER	GREENHECK
MODEL NO.	EHH-601
NOTES	1,2,3

NOTES:
1. PROVIDE UNIT SELECTED OR EOR APPROVED EQUAL.
2. CONTRACTOR SHALL PROVIDE ALL SHIMS, JAMS, AND HARDWARE REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
3. PROVIDE UNIT WITH BALANCING DAMPER, GREENHECK VCD-40 OR SIMILAR TO MEET AMCA 550.

KITCHEN HOOD SCHEDULE

MARK		KH-1
DIMENSIONS	LENGTH	3'-6"
	MOUNTING HEIGHT	6'-8"
	EXHAUST DUCT CONNECTION	8"Ø
	SUPPLY PLENUM SIZE	12"X28"
	FILTERS	CAPTRATE SOLO
EXHAUST	AIRFLOW	788
	DUCT SIZE	8"Ø
	EXHAUST FAN MARK	KEF-1
SUPPLY	AIRFLOW	700
	DUCT SIZE	(1) 12X28
	SUPPLY FAN MARK	MAU-1
MANUFACTURER		CAPTIVEAIRE
MODEL NUMBER		6024-ND-2-PSP-F
NOTES		1

NOTES:
1. UNITS SCHEDULED FOR REFERENCE ONLY. SEE ATTACHED CAPTIVE AIR SELECTION SHEETS.

AIR DEVICE SCHEDULE

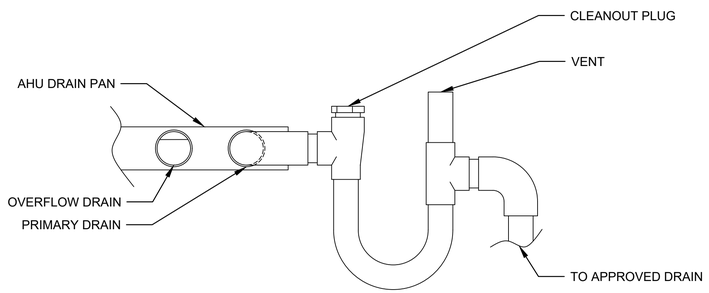
MARK	TYPE	NECK SIZE	FACE SIZE	AIR - PATTERN	MAX. NC	NOTES	MANUFACTURER AND MODEL NO.
1	12X6 CEILING SUPPLY	8Ø	12X6	LOUVERED	25	1,2,3	TITUS 300
A	16X16 FILTERED CEILING RETURN	14Ø	16X16	PERFORATED	25	1,2,3	TITUS 350FL

NOTES:
1. PROVIDE MODEL SPECIFIED OR APPROVED EQUAL BY PRICE, NAILOR, KRUEGER, METALAIRE, TUTTLE & BAILEY, OR TITUS.
2. PROVIDE WITH ALUMINUM CONSTRUCTION AND STANDARD FINISH.
3. PAINT TO MATCH CEILING.

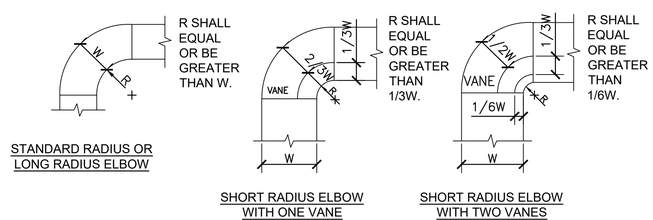
FAN SCHEDULE

MARK	CEF-1/2	CEF-3
FAN TYPE	CEILING CABINET EXHAUST	CEILING MOUNTED
AIRFLOW TYPE	EXHAUST	EXHAUST
AIR VOLUME	70	650
EXT. S.P. - IN. W.G.	0.125	0.15
DRIVE	DIRECT	DIRECT
SONES (MAXIMUM)	<.03	6.5
MOTOR - HP (WATTS)	(18)	(351)
MOTOR - RPM	VG	VG
ELECTRICAL - V/Ø/Hz	115/1/60	115/1/60
WEIGHT - LB	12	41
MANUFACTURER	GREENHECK	GREENHECK
MODEL NO.	SP-A50-90-VG	SP-A700
NOTES	1,2	1,2

NOTES:
1. PROVIDE A UNIT MOUNTED DISCONNECT SWITCH, BACKDRAFT DAMPER, AND ARCHITECTURAL WALL LOUVER, ROOF JACK OR WALL CAP.
2. UNIT CONTROLLED BY WALL SWITCH.



1 M6-01 AHU CONDENSATE DRAIN DETAIL
NOT TO SCALE



NOTES:
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

2 M6-01 DUCTWORK RADIUS ELBOWS DETAIL
NOT TO SCALE

H² ENGINEERING

COA:

SOUTH CAROLINA
H&H ENGINEERING OF HAMPTON No. 3883
CERTIFICATE OF AUTHORIZATION

SEAL:

SOUTH CAROLINA PROFESSIONAL ENGINEER MITCHELL DUFFIELD 05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

☒ APPROVED FOR CONSTRUCTION

☐ PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT
ALLJOY BBRC & ALLJOY DC

JOB NUMBER
21-016

SHEET TITLE
MECHANICALS SCHEDULES

SHEET NUMBER
M6-01

PLUMBING GENERAL NOTES:

1. PROVIDE ALL MATERIALS AND LABOR NECESSARY FOR COMPLETE AND PROPERLY FUNCTIONING PLUMBING SYSTEMS.
2. BEFORE STARTING ANY WORK, VERIFY THE ADEQUACY, LOCATION, SIZE, AND AVAILABILITY OF ALL UTILITIES CONCERNED, INCLUDING SEWER INVERT ELEVATIONS, AND WATER PRESSURE.
3. WORK SHALL CONFORM TO OR MEET THE REQUIREMENTS OF THE MOST CURRENT EDITION OF:
   3.1. INTERNATIONAL PLUMBING CODE
   3.2. ALL FEDERAL, STATE AND LOCAL CODES AND ORDINANCES WHICH APPLY TO THIS WORK.
4. DRAWING IS DIAGRAMMATIC IN NATURE AND IS NOT INTENDED TO BE SCALED FOR DIMENSIONS.
5. ALL MATERIALS SHALL MEET THE REQUIREMENTS OF UL WHERE UL STANDARDS ARE ESTABLISHED FOR THOSE ITEMS. ALL ITEMS SHALL BE CLASSIFIED BY UL AS SUITABLE FOR THE PURPOSE USED.
6. ALL ITEMS SHALL BE NEW AND ALL MATERIAL, EQUIPMENT AND DEVICES SHALL BE CURRENT PRODUCTS BY MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SUCH PRODUCTS.
7. COORDINATE LOCATION OF PLUMBING WORK WITH OTHER TRADES TO AVOID CONFLICTS AND INTERFERENCES.
8. INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS.
9. COORDINATE AND OBTAIN PERMITS AND INSPECTIONS FROM AUTHORITY HAVING JURISDICTION. PROVIDE OWNER WITH CERTIFICATE OF FINAL INSPECTION AND ACCEPTANCE FROM AUTHORITY HAVING JURISDICTION.
10. CLEANOUTS SHALL BE LINE SIZE UNLESS NOTED OTHERWISE. FLOOR DRAINS SHALL BE LINE SIZE UNLESS NOTED OTHERWISE. THE FLOOR DRAIN SHALL BE FLUSH MOUNTED WITH FINISHED FLOOR AND THE FLOOR SHALL SLOPE TO THE DRAINS AT A MINIMUM OF 1/16" PER FOOT.
11. VALVES SHALL BE LINE SIZE UNLESS NOTED OTHERWISE.
12. COLD AND HOT WATER VALVES 2" AND SMALLER SHALL BE RATED FOR POTABLE, BALL, MSS SP-110, BALL VALVE SHALL BE FULL PORT THREE PIECE OR TWO PIECE WITH A UNION DESIGN WITH ADJUSTABLE STEM PACKAGE. THREADED STEM 150 PSIG AND A CWP RATING OF 600 PSIG. THE BODY MATERIAL SHALL BE BRONZE ASTM B584, ALLOY C844. THE ENDS SHALL NE NON-LEAD SOLDER.
13. ALL WASTE, DRAIN, AND VENT PIPING SHALL BE STANDARD WEIGHT, TYPE 1, PVC INSTALLED IN ACCORDANCE WITH ASTM D2321.
14. COLD WATER PIPING SHALL BE INSULATED WITH 1" THICK GLASS FIBER (K OF 0.24 AT 75F) WITH VAPOR BARRIER. HOT WATER PIPING SHALL BE INSULATED WITH 1-1/2" THICK GLASS FIBER (K OF 0.24 AT 75F) WITHOUT VAPOR BARRIER.
15. HANGERS FOR PIPE 1/2" TO 1-1/2" SHALL BE CARBON STEEL ADJUSTABLE SWIVEL, SPLIT RING TYPE, WITH A MAXIMUM SPACING OF 8-0" ON CENTERS. HANGERS FOR 2" AND LARGER SHALL BE CARBON STEEL ADJUSTABLE CLEVIS TYPE. HANGER SPACING FOR PIPES2-112 AND SMALLER SHALL NOT EXCEED 10-0" ON CENTERS. PROVIDE CLEARANCE IN AN HANGERS FROM STRUCTURES AND OTHER EQUIPMENT FOR INSTALLATION OF INSULATION AND ACCESS TO VALVES AND FITTINGS. INSTALL HANGERS WITHIN 5-0" OF ALL CHANGES INDIRECTION OF PIPING.
16. ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH ROOFING CONTRACTOR TO ENSURE ROOF BOND WILL BE MAINTAINED.
17. OPERATION AND MAINTENANCE MANUALS FOR PLUMBING EQUIPMENT TO BUILDING OWNER.
18. WATER: UPON COMPLETION OF A SECTION OR OF THE ENTIRE HOT AND COLD WATER SUPPLY SYSTEM, IT SHALL BE TESTED AND PROVED TIGHT UNDER A WATER PRESSURE NOT LESS THAN THE WORKING PRESSURE UNDER WHICH IT IS TO BE USED. THE WATER USED FOR TESTS SHALL BE OBTAINED FROM A POTABLE SOURCE OF SUPPLY. EXCEPT FOR PLASTIC PIPING, A FIFTY PSI AIR PRESSURE SHALL BE PERMITTED TO BE SUBSTITUTED FOR THE WATER TEST. IN EITHER METHOD OF TEST, THE PIPING SHALL WITHSTAND THE TEST WITHOUT LEAKING FOR A PERIOD OF NOT LESS THAN FIFTEEN MINUTES.
19. UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBER SHALL BE CUT, DRILLED, NOTCHED OR WELDED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER.
20. WATER SUPPLY PIPING BELOW GRADE UNDER CONCRETE SLABS SHALL BE INSTALLED SUCH THAT NO JOINTS ARE LOCATED BENEATH THE SLAB. WHERE NECESSARY, PROVIDE OFFSET UP IN FINISHED WALL OR SIMILAR TO ACCOMMODATE JOINTS. PROVIDE LOCKING ACCESS PANEL UNLESS DIRECTED OTHERWISE. COORDINATE FINISH WITH ARCHITECT.
21. COORDINATE WITH ELECTRICAL SECTION PRIOR TO ORDERING EQUIPMENT FOR AVAILABLE VOLTAGE AT EQUIPMENT LOCATIONS.
22. ALL FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGE. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
23. HANDICAPPED USE PLUMBING FIXTURES SHALL BE MOUNTED AT REQUIRED HEIGHTS AND WITH ALL RELATED ACCESSORIES AS REQUIRED BY THE ADMINISTRATIVE AUTHORITIES.
24. ALL DOMESTIC WATER FIXTURES, PIPING VALVES, ETC. IN POTABLE WATER SYSTEMS SHALL COMPLY WITH HEALTH AND SAFETY CODES.
25. ALL HOSE BIBBS SHALL HAVE AN APPROVED VACUUM BREAKER.
26. PROVIDE FLASHING AND/OR COUNTER FLASHING OF ALL EXTERIOR PENETRATIONS.

ABREVIATIONS:

AAV	-	AIR ADMITTANCE VALVE
ABV	-	ABOVE
AFF	-	ABOVE FINISHED FLOOR
BFF	-	BELOW FINISHED FLOOR
CB	-	CATCH BASIN
CO	-	CLEAN OUT
CW	-	COLD WATER
DIA	-	DIAMETER
DN	-	DOWN
DHW	-	DOMESTIC HOT WATER
DCW	-	DOMESTIC COLD WATER
EWC	-	ELECTRIC WATER COOLER
FCO	-	FLOOR CLEAN OUT
FD	-	FLOOR DRAIN
FS	-	FLOOR SINK
GCO	-	GRADE CLEAN OUT
GW	-	GREASE WASTE
HTR	-	HEATER
HB	-	HOSE BIB
PRV	-	PRESSURE REDUCING VALVE
SS	-	SANITARY SEWER
V	-	VENT
WCO	-	WALL CLEAN OUT
WH	-	WALL HYDRANT

PLUMBING LEGEND:

EQUIPMENT TO BE DEMOLISHED

POINT OF RECONNECTION

POINT OF DISCONNECTION

DOMESTIC WATER EQUIPMENT

DOMESTIC HOT WATER PIPING

GW — GREASE PIPING

GAS — GAS — GAS — GAS PIPING

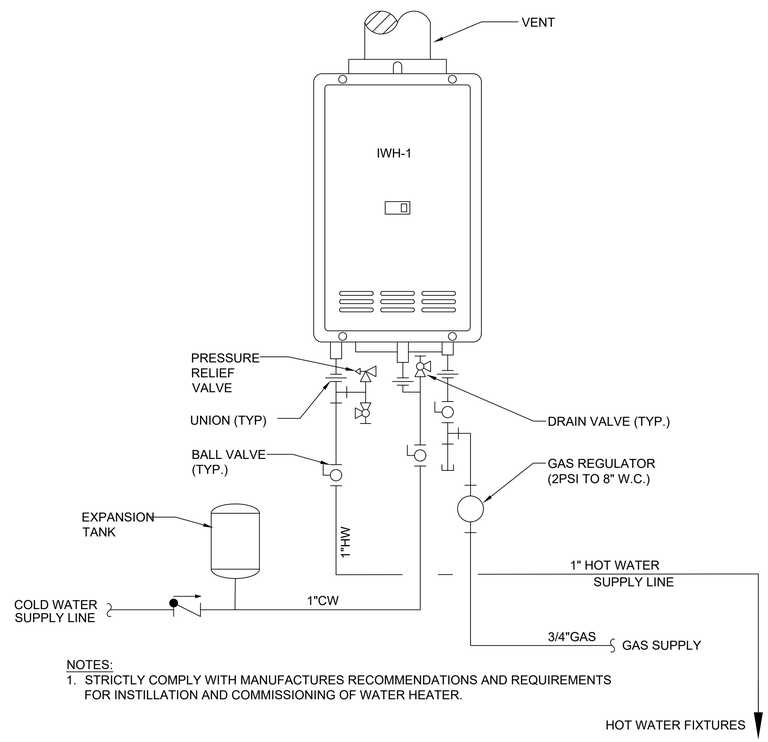
SANITARY SEWER EQUIPMENT

SS — SS — SS — SANITARY SEWER PIPING

VENT PIPING

SD — STORM DRAIN PIPING

DOMESTIC COLD WATER PIPING



NOTES:
1. STRICTLY COMPLY WITH MANUFACTURES RECOMMENDATIONS AND REQUIREMENTS FOR INSTILLATION AND COMMISSIONING OF WATER HEATER.

1 / P0-01 GAS INSTANTANEOUS WATER HEATER DETAIL
NOT TO SCALE

PIPING SPECIFICATIONS:

1. DOMESTIC WATER:

A. ABOVE GROUND WATER PIPING SHALL BE TYPE L COPPER. UNDERGROUND WATER PIPING SHALL BE TYPE K COPPER.
B. EXTERIOR ROOF MOUNTED DOMESTIC WATER PIPING SHALL BE CPVC CONFORMING TO ASTM F441/F441M. INSULATE PIPING WITH 3" ELASTOMERIC TUBE INSULATION WITH ALUMINUM JACKET EQUIVALENT TO K-FLEX CLAD AL.
C. COLD AND HOT WATER VALVES 2 INCHES AND SMALLER SHALL BE RATED FOR POTABLE, BALL, MSS SP-110, BALL VALVE SHALL BE FULL PORT THREE PIECE OR TWO PIECE WITH A UNION DESIGN WITH ADJUSTABLE STEM PACKAGE. THREADED STEM 150 PSIG AND A CWP RATING OF 600 PSIG. THE BODY MATERIAL SHALL BE BRONZE ASTM B584, ALLOY C844. THE ENDS SHALL BE NON-LEAD SOLDER.
D. ALL CHECK VALVES IN DHR PIPING SHALL BE SPRING TYPE CHECK VALVES.
E. COLD WATER PIPING SHALL BE INSULATED WITH 1" THICK GLASS FIBER ('K' OF 0.24 AT 75F) WITH VAPOR BARRIER. HOT WATER PIPING SHALL BE INSULATED WITH 1-1/2" THICK GLASS FIBER ('K' OF 0.24 AT 75F) WITHOUT VAPOR BARRIER.

2. WASTE AND VENT:

A. ALL WASTE, DRAIN, AND VENT PIPING SHALL BE STANDARD WEIGHT, TYPE 1, PVC INSTALLED IN ACCORDANCE WITH ASTM D2321.
B. ABOVE GRADE WASTE, DRAIN, AND VENT PIPING INSTALLED IN RETURN AIR PLENUMS SHALL BE SERVICE WEIGHT TAR-COATED, HUBLESS, CAST IRON SOIL PIPE WITH HUBLESS FITTINGS FABRICATED IN ACCORDANCE WITH ASTM A74 AND ASTM A888. PROVIDE WITH ASTM C564 NEOPRENE SEALING SLEEVE AND STAINLESS STEEL CLAMP ASSEMBLY.

PLUMBING FIXTURE SCHEDULE

IDENTITY DATA			PIPING CONNECTIONS				NOTES
MARK	FIXTURE TYPE	FIXTURE SPECIFICATION	DCW	DHW	WASTE	VENT	
P-1A	FLOOR MOUNTED TOILET	AMERICAN STANDARD CADET PRO 215AA.104: CADET FLUSHING SYSTEM	1/2"	-	4"	3"	1
P-2A	COUNTER LAVATORY	24" CHINA SINK; WHITE: AMERICAN STANDARD STUDIO FAUCET 7545.170: ADA ACCESSIBLE	1/2"	1/2"	3"	2"	1
P-3	BREAK ROOM LAVATORY	KOHLER K-5267-1-NA VERSE; UNDERMOUNT; FAUCET KOHLER K-30468-BL RIVAL	1/2"	1/2"	2"	2"	1
P-4	3-COMPARTMENT SINK	ELKAY 3-COMPARTMENT SINK	1/2"	1/2"	4"	2"	1
P-5	HANDWASH SINK	ELKAY STAINLESS STEEL CHS1716C 16 3/4"X15 1/2" WALL MOUNT SINK: ELKAY EVERYDAY KITCHEN FAUCET	1/2"	1/2"	2"	2"	1
P-6	JANITOR SINK	AMERICAN STANDARD FLORWELL SERVICE SINK 7741.000: FAUCET 8344.112 WITH TOP BRACE. STOPS, AND VACUUM BREAKER	1/2"	1/2"	3"	3"	1
P-7	BAR SERVICE SINK	ELKAY DAYTON STAINLESS STEEL D11721 17"X24" DROP IN SINK: ELKAY EVERYDAY KITCHEN FAUCET	1/2"	1/2"	2"	2"	1
FD-1	ROUND FLOOR DRAIN	ZURN Z300 THOROFLUSH FLOOR DRAIN	-	-	4"	-	1
FS-1	FLOOR SINK	8"X8" ZURN SANI-FLOR RECEPTOR MODEL Z1910	-	-	4"	-	1
HB-1	HOSE BIB	FREEZE PROOF HOSE BIB WITH LOCK	1/2"	-	-	-	1
WMB	WASHER MACHINE BOX	OATEY QUADTRO WASHING MACHINE OUTLET BOX WITH DRAIN 38528; QUARTER TURN OUTLET STOPS	1/2"	1/2"	3"	-	1
WCO	WALL CLEAN OUT	ZURN MODEL Z1446 WITH ACCESS COVER	-	-	4"	-	1

NOTES:
1. FIXTURES SCHEDULED ARE BASIS OF DESIGN. CONTRACTOR TO COORDINATE WITH OWNER FOR FINAL FIXTURE SELECTIONS. NOTIFY EOR DISCREPANCIES.

TANKLESS WATER HEATER SCHEDULE

MARK	IWH-1
TYPE	GAS FIRED INSTANT
FUEL TYPE	PROPANE
MINIMUM CAPACITY MBTU	15
MAXIMUM CAPACITY MBTU	199
FLOW RATE GPM	11
EWT - DEG F.	65
LWT - DEG F.	140
V/Ø/HZ	120/1/60
MANUFACTURER	RINNAI
MODEL NO.	CU199IE

NOTES:
1. PROVIDE UNIT OR OWNER APPROVED EQUAL.

ELECTRIC WATER HEATER SCHEDULE

MARK	WH-1
TYPE	ELECTRIC WATER HEATER
ELEMENT WATTAGE OPERATION	1
HEATING WATTS - KW	2.5
NOMINAL CAPACITY	20
STORAGE - GALLONS	19
RECOVERY RATE - GALLONS/HR	17
EWT - DEG F.	65
LWT - DEG F.	125
V/Ø/HZ	240/1/60
MANUFACTURER	A.O. SMITH
MODEL NO.	DEL-20

NOTES:
1. PROVIDE UNIT OR OWNER APPROVED EQUAL.

SHEET INDEX

SHEET NUMBER	SHEET TITLE	REV. NUMBER	DATE
P0-01	PLUMBING TITLE SHEET AND DETAILS	0	05/21/2024
P1-01	OVERALL PLUMBING PLAN	0	05/21/2024
P2-01	ENLARGED PLUMBING PLANS	0	05/21/2024

H2 ENGINEERING

COA:

SOUTH CAROLINA
H&H ENGINEERING OF HAMPTON No. 3883
CERTIFICATE OF AUTHORIZATION

SEAL:

SOUTH CAROLINA PROFESSIONAL ENGINEER MITCHELL DUFFIELD 05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

☒ APPROVED FOR CONSTRUCTION

☐ PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT

ALLJOY BBRC & ALLJOY DC

JOB NUMBER

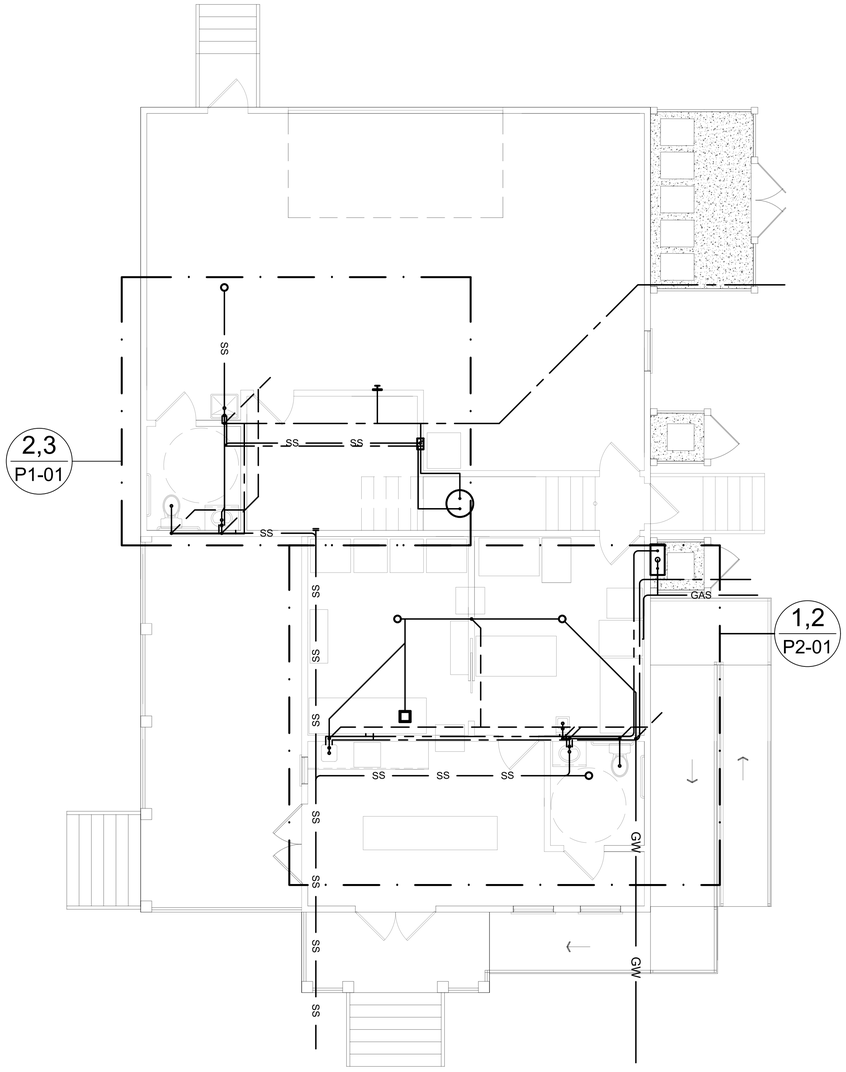
21-016

SHEET TITLE

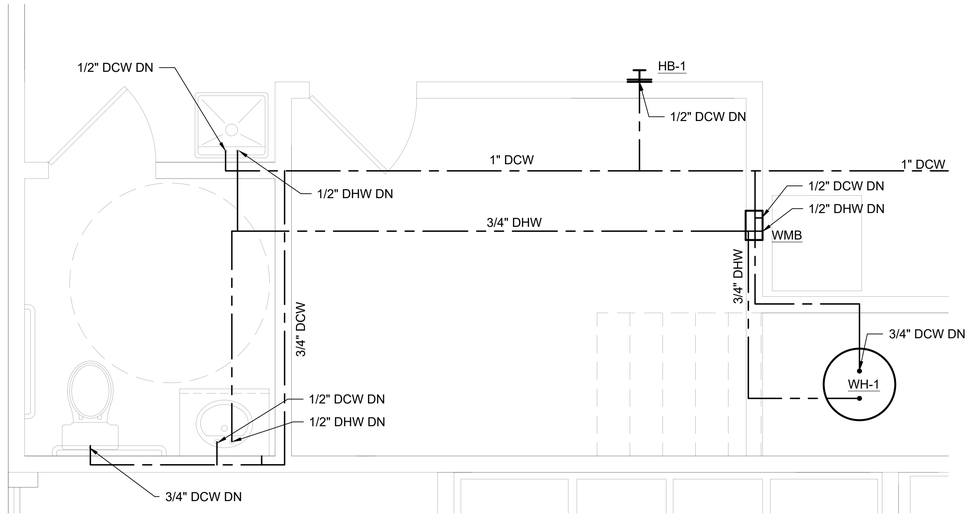
PLUMBING TITLE SHEET

SHEET NUMBER

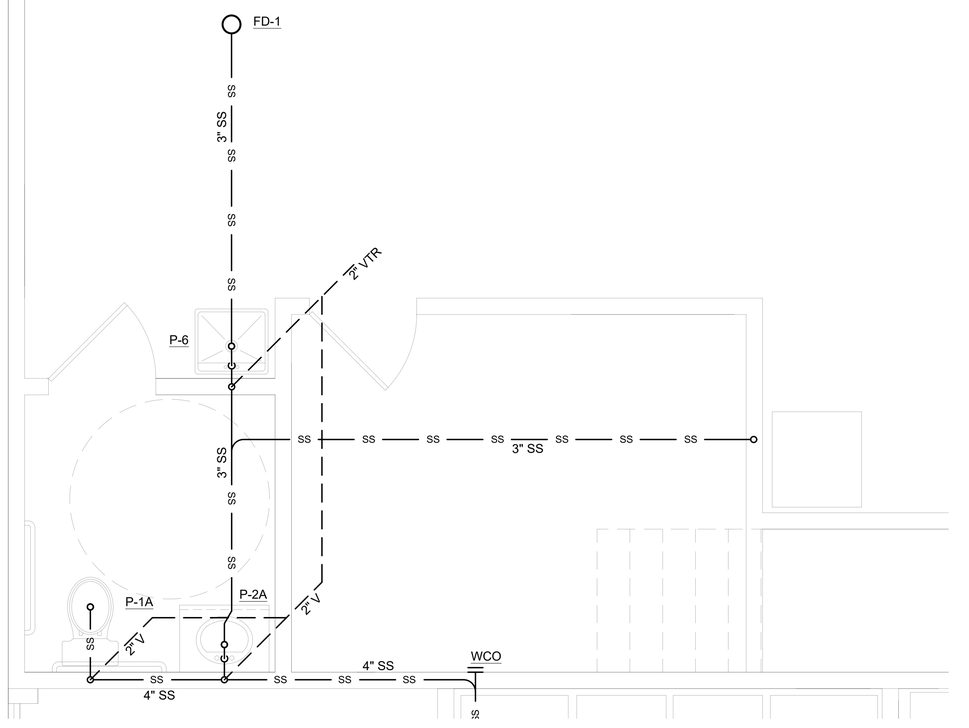
P0-01



1 P1-01 OVERALL PLUMBING PLAN
SCALE: 3/16" = 1'-0"



2 P1-01 ENLARGED DOMESTIC WATER PLAN
SCALE: 1/2" = 1'-0"



3 P1-01 ENLARGED SANITARY WASTE AND VENT PLAN
SCALE: 1/2" = 1'-0"

PLUMBING NEW WORK GENERAL NOTES:

1. DESIGN IS DIAGRAMMATIC IN NATURE. CONTRACTOR TO CONFIRM AND NOTIFY EOR OF ANY CHANGES.

H² ENGINEERING

COA:

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
H&H ENGINEERING OF HAMPTON No. 3883

SEAL:

SOUTH CAROLINA PROFESSIONAL ENGINEER MITCHELL DUFFIELD 05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

- [x] APPROVED FOR CONSTRUCTION
- [ ] PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

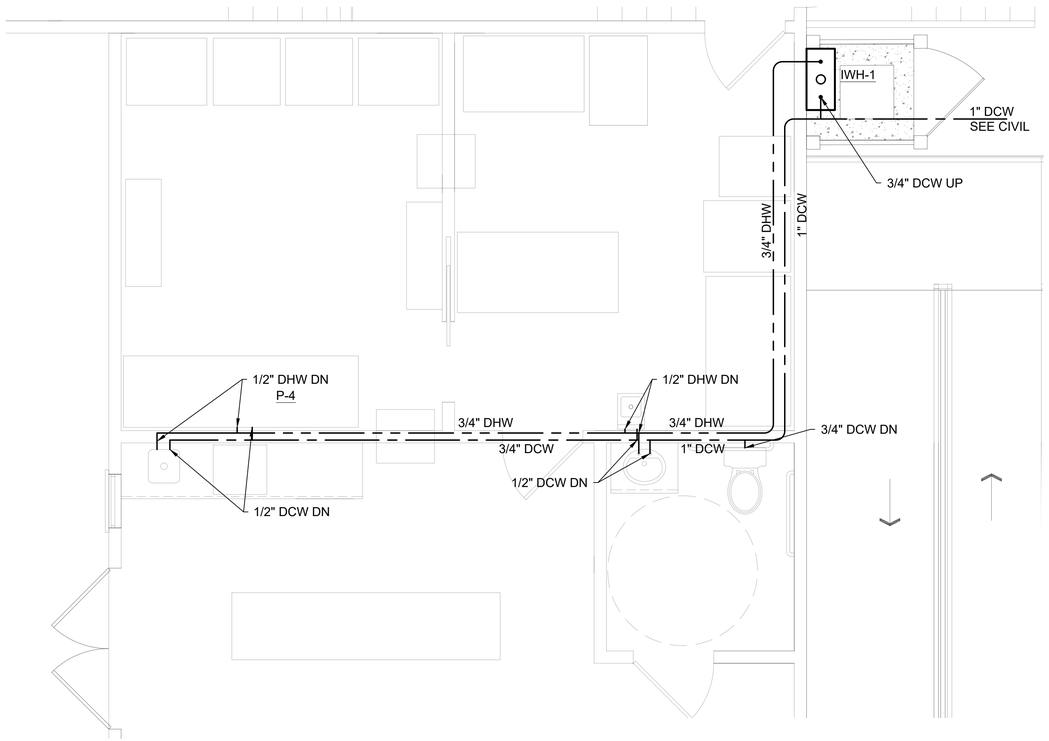
#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT
ALLJOY BBRC & ALLJOY DC

JOB NUMBER
21-016

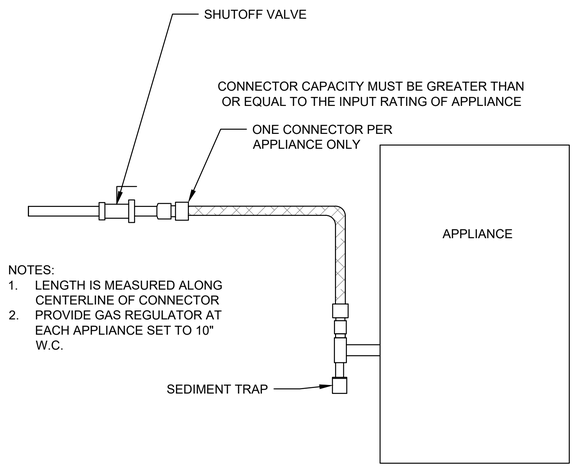
SHEET TITLE
OVERALL PLUMBING PLAN

SHEET NUMBER
P1-01



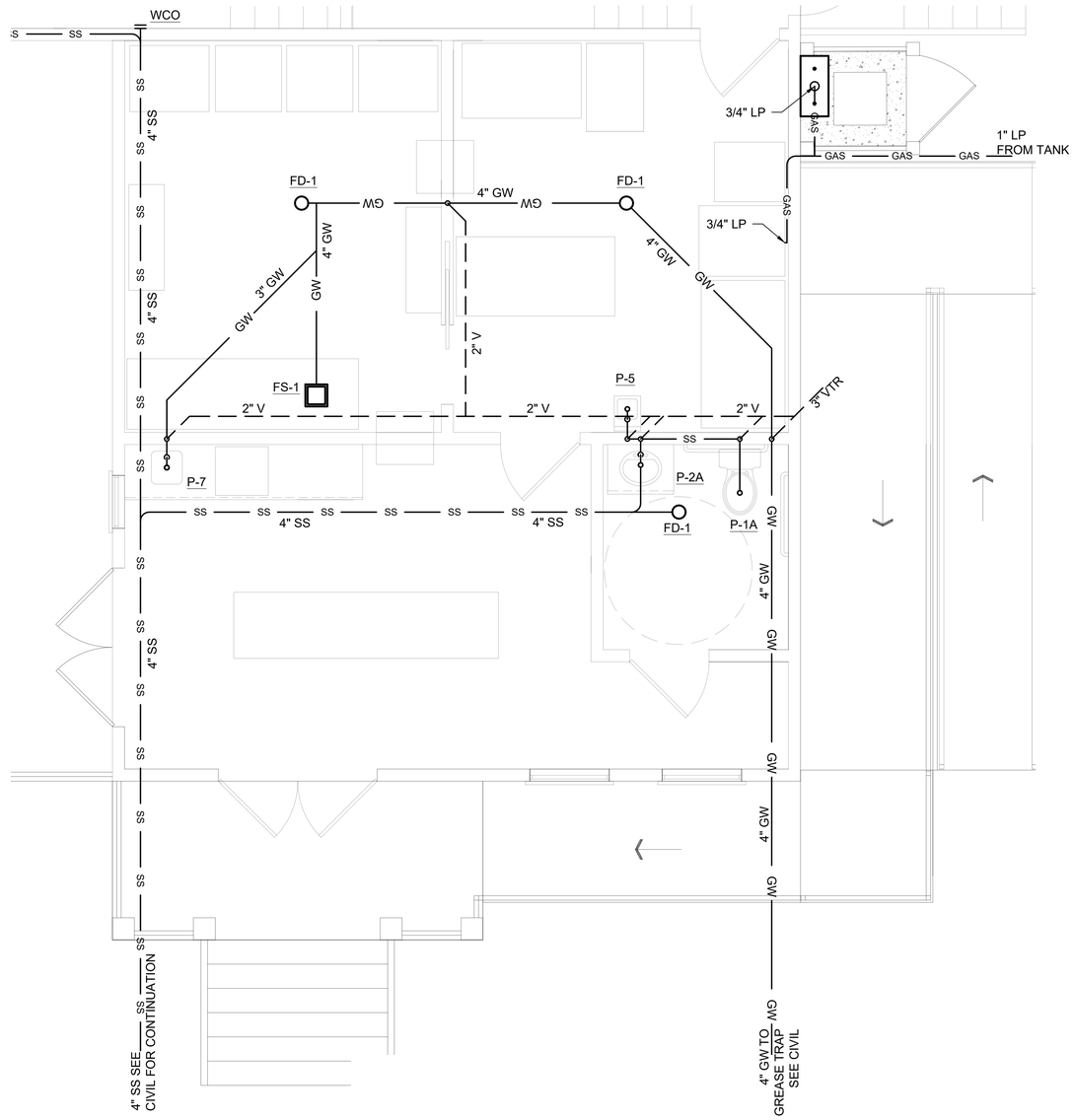
1 P2-01 ENLARGED DOMESTIC WATER PLAN

SCALE: 3/8" = 1'-0"



3 P2-01 GAS CONNECTOR DETAIL

NOT TO SCALE



2 P2-01 ENLARGED SANITARY WASTE AND VENT PLAN

SCALE: 3/8" = 1'-0"

ENGINEERING

COA:

SOUTH CAROLINA
H&H ENGINEERING OF HAMPTON
No. 3883
CERTIFICATE OF AUTHORIZATION

SEAL:

SOUTH CAROLINA
PROFESSIONAL ENGINEER
MITCHELL DUFFIELD
05/21/2024

DRAWN BY:

APPROVED BY:

DATE: 05/21/2024

- [x] APPROVED FOR CONSTRUCTION
- [ ] PRELIMINARY - NOT FOR CONSTRUCTION

CHANGES / REVISIONS

#	Date	Description
A	05/17/2024	50% REVIEW
0	05/21/2024	ISSUE FOR CONSTRUCTION

PROJECT

ALLJOY BBRC & ALLJOY DC

JOB NUMBER

21-016

SHEET TITLE

ENLARGED PLUMBING PLANS

SHEET NUMBER

P2-01

FOR QUESTIONS, CALL THE
Eastern SC and Wilmington, NC
REGION 130
PHONE: (843) 606 - 6033
EMAIL: reg130@econair.com

PATENT NUMBERS

AC-PSP (UNITED STATES) - US PATENT 7963830 B2.
AC-PSP WALL (CANADA) - CA PATENT 2820509.
AC-PSP ISLAND (CANADA) - CA PATENT 2520330.

HOOD INFORMATION - JOB#6800512

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG END TO END	ROW
1	Donut Hood	6024 ND-2-PSP-F	CAPTIVEAIRE	3' 6"	600 DEG	I	HEAVY	225	788			4"	8"	788	2257	-0.642"	700	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S) TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	LIGHT(S) QTY	TYPE	WIRE GUARD	UTILITY CABINET(S) LOCATION	SIZE	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
1	Donut Hood	CAPTRATE SOLO FILTER	2	20"	20"	85% SEE FILTER SPEC	1	RECESSED ROUND	NO	RIGHT	12"x60"x24"	TANK FS	4.0	SC-311110MA	1 LIGHT 1 FAN	YES	576 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1	Donut Hood	FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.
		BACKSPLASH 80.00" HIGH X 54.00" LONG 430 SS VERTICAL.
		INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.

PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S) WIDTH	LENG	DIA	CFM	SP
1	Donut Hood	Front	54"	14"	6"	MUA	12"	28"		700	0.160"

GREASE DUCT & CHIMNEY SPECIFICATIONS:
PROVIDE GREASE DUCT EQUAL TO ECON-AIR MODEL "EDW" ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "EDW" IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "EDW" DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER THE MANUFACTURES INSTALLATION GUIDE.
PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER. PER MANUFACTURES LISTING MODEL "EDW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12". DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE ACCUMULATION IN HORIZONTAL RUNS.

IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO ECON-AIR MODEL "EDW- 2R, 2R TYPE HT, 3R, OR 3Z" ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL.

ECON-AIR RECOMMENDS THE USE OF LISTED, PRE-FABRICATED ROUND GREASE EXHAUST DUCT TO REDUCE STATIC PRESSURE IN THE SYSTEM, MINIMIZE INSTALLATION AND INSPECTION TIMES, AND ENSURE DUCT IS LIQUID TIGHT

HVAC DISTRIBUTION NOTE

HIGH VELOCITY DIFFUSERS OR HVAC RETURNS SHOULD NOT BE PLACED WITHIN TEN (10) FEET OF THE EXHAUST HOOD. PERFORATED DIFFUSERS ARE RECOMMENDED.

VERIFY CEILING HEIGHT

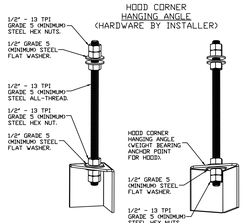
___' - ___"

HEIGHT REQUIRED TO VERIFY THAT HOOD FITS SPACE AND TO SIZE THE ENCLOSURE PANELS

CUSTOMER APPROVAL TO MANUFACTURE:

APPROVED AS NOTED ☐
APPROVED WITH NO EXCEPTION TAKEN ☐
REVISE AND RESUBMIT ☐
SIGNATURE _____
YOUR TITLE _____ DATE _____

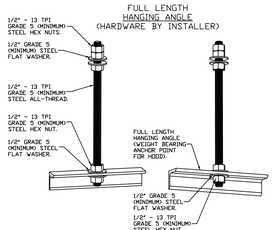
HOOD CORNER HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

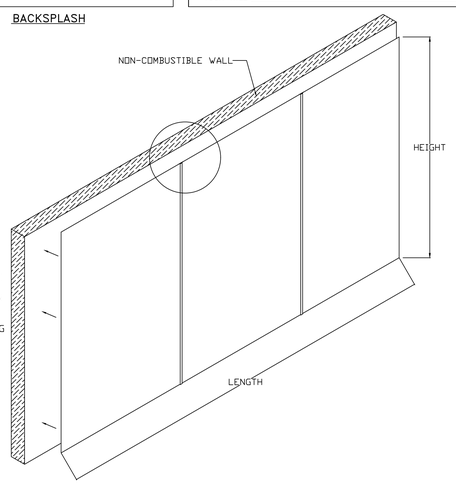
FULL LENGTH HANGING ANGLE (HARDWARE BY INSTALLER)

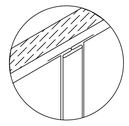


ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR FULL LENGTH HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

BACKSPLASH

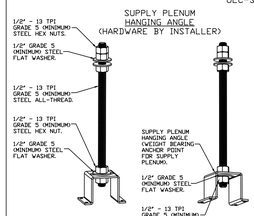




BACKSPLASH PANELS SLIDE INTO DIVIDER BAR

- BACKSPLASH IS NOT INSULATED AND IS UNSUITABLE FOR INSTALL AGAINST COMBUSTIBLE WALLS

SUPPLY PLENUM HANGING ANGLE (HARDWARE BY INSTALLER)



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

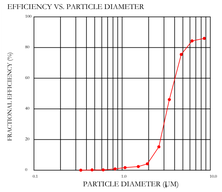
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

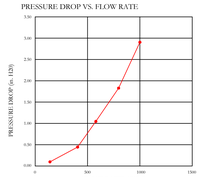
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE

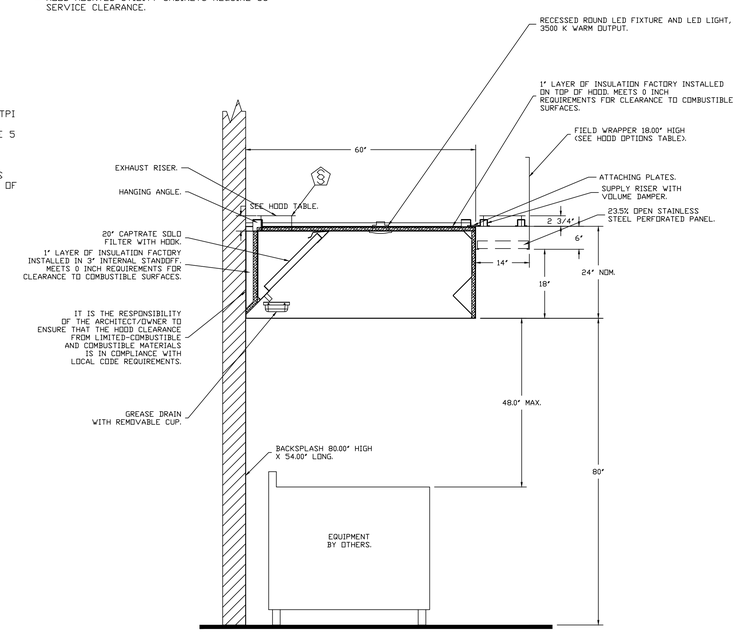


CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH.
NFPA #96.
NSF STANDARD #2.
UL STANDARD #1046.
INT. MECH. CODE (IMC).
ULC-S649.

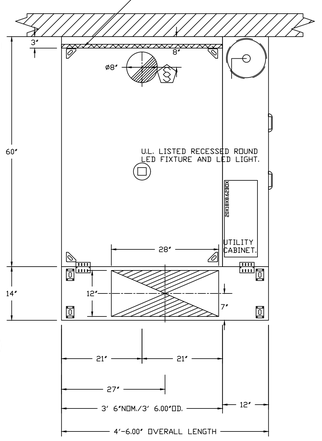
CLEARANCE TO COMBUSTIBLES

HOODS #	SURFACE	*CLEARANCE
1	TOP	0"
	FRONT	0"
	BACK	0"
	LEFT	18"
	RIGHT	0"

- *0" CLEARANCE TO COMBUSTIBLES CONFORMS TO UL710 STANDARD.
- HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.



SECTION VIEW - MODEL 6024ND-2-PSP-F
HOOD - #1 (Donut Hood)



PLAN VIEW - HOOD #1 (Donut Hood)
3' 6.00" LONG 6024ND-2-PSP-F

econ·air
www.econair.com
Eastern SC and Wilmington, NC
835 Savannah Highway, Suite 203, Charleston, SC, 29407 PHONE (843) 606 - 6033 EMAIL: reg130@econair.com

REVISIONS

	DESCRIPTION	DATE:
△		
△		
△		
△		

Donut Shop-SC-36" hood-roof mount
Beaufort, SC, 29902

DATE: 5/15/2024
DWG.#: 6800512
DRAWN BY: Zack.Cline
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 1

FIRE SYSTEM INFORMATION – JOB#6800512

FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION	
						SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0	20	18	FIRE CABINET RIGHT	RIGHT, HOOD 1

FIRE SYSTEM PARTS LIST KEY

FIRE SYSTEM NO	TAG	KEY NUMBER - PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
1		0 - 0 - TANK FIRE SUPPRESSION POST-DISCHARGE PROCEDURE UTILITY CABINET LABEL SHEET.	1	0
		0 - 0 - TANK FIRE SUPPRESSION MAINTENANCE GUIDE UTILITY CABINET LABEL SHEET.	1	0
		0 - 0 - 12-F28021-32144-DT-360 DUCT FIRE THERMOSTAT WITH 12 FOOT WIRE LEADS. NO, CLOSE ON TEMP RISE AT 360°F. (A0034310).	1	0
		0 - 0 - 4429K153 1/2" MALE NPT TO 1/2" FEMALE NPT ELBOW, BRASS.	1	0
		0 - 0 - 4429K422 1/2" X 1/4" BRASS REDUCING BUSHING.	1	0
		0 - 0 - 79525 1/2" 90 PRO-PRESS ELBOW WITH 1/2"NPT FEMALE CONNECTION, VIEGA.	1	0
		0 - 0 - 79580 1/2" X 1/2" PRO-PRESS TEE X 1/2"NPT FEMALE CONNECTION, VIEGA.	1	0
		0 - 0 - 87-300001-001 TANK - PRESSURIZED TANK USED FOR TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-300030-001 PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, ONE NEEDED PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - 87-300152-001 HARDWARE, SVA BOLTS, TANK FIRE SUPPRESSION.	4	0
		0 - 0 - 98694A115 HARDWARE, DATANKLOCK LOCKING BRACKET SQUARE NUTS 5/16" ZINC, TANK FIRE SUPPRESSION.	2	0
		0 - 0 - A0034332 JUNCTION BOX FOR MANUAL PULL STATION. 1.5" DEEP BACK BOX, RED COLOR.	1	0
		0 - 0 - A314B4 1/4" NPT SCHRADER VALVE AND CAP, JB INDUSTRIES. 1/4" FLARE X 1/4" MPT HALF UNION. USED ON TANK SERVICE PORT.	1	0
		0 - 0 - DATANKLOCK DISCHARGE ADAPTER TANK LOCKING PLATE FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - TANK STRAP TANK STRAP - USED FOR TANK FIRE SUPPRESSION.	3	0
		0 - 0 - TFS-UCTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	1	0
		0 - 0 - WK-283952-000 DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.	1	0
		34 - 34 - A0034331 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, ONE (1) NORMALLY OPEN CONTACT. RED COLOR.	1	0
		ADDITIONAL PARTS TO BE DETERMINED…		

REVISIONS

	DESCRIPTION	DATE:
△		
△		
△		
△		

econ·air
www.econair.com
Eastern SC and Wilmington, NC
835 Savannah Highway, Suite 203, Charleston, SC, 29407 PHONE: (843) 606 - 6033 EMAIL: reg130@econair.com

Donut Shop-SC-3'6" hood-roof mount
Beaufort, SC, 29902

DATE: 5/15/2024

DWG.#: 6800512

DRAWN BY: Zack.Cline

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 2

EXHAUST FAN INFORMATION – JOB#6800512

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1	KEF	1	DU50HFA	CAPTIVEAIRE	788	1.000	1435	TEAO-ECM	0.500	0.3060	1	115	6.3	300 FPM	78	14.1

MUA FAN INFORMATION – JOB#6800512

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MOCP	WEIGHT (LBS)	SONES
2	MAU ROOF	1	A1-15D	15MF-1-MOD	A1	-	700	0.500	1101	TEAO-ECM	1.000	0.1840	1	115	11.6	15.6A	25A	260	8.9

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF	1	GREASE BOX
		1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECPM03 PREWIRE (TELCO MOTOR), CCW ROTATION
		1	2 YEAR PARTS WARRANTY
2	MAU ROOF	1	SIZE 1 UNTEMPERED COMMERCIAL DOWN DISCHARGE FOR DIRECT DRIVE AHUS
		1	ECM WIRING PACKAGE - DD SUPPLY - PWM SIGNAL FROM ECPM03 PREWIRE (TELCO MOTOR)
		1	2 YEAR PARTS WARRANTY

FAN ACCESSORIES

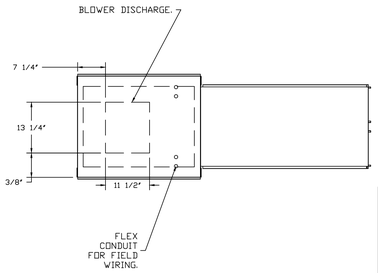
FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	KEF	YES						
2	MAU ROOF							

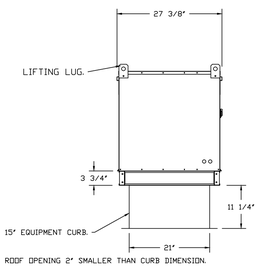
CURB ASSEMBLIES

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF	34 LBS	CURB	19.500"W X 19.500"L X 24.000"H 4.000-12.000 PITCH ALONG LENGTH, RIGHT VENTED HINGED.
2	# 2	MAU ROOF	29 LBS	CURB	21.000"W X 29.000"L X 15.000"H 4.000-12.000 PITCH ALONG WIDTH, RIGHT INSULATED.

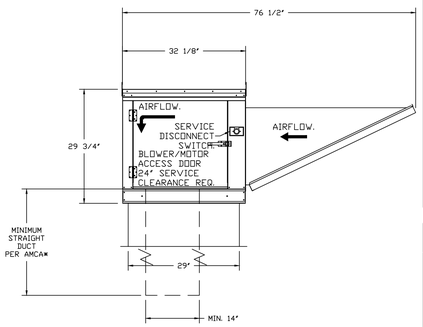
FAN #2 A1-15D - SUPPLY FAN (MAU ROOF)
1. UNTEMPERED SUPPLY UNIT WITH 15" MIXED FLOW DIRECT DRIVE FAN IN SIZE #1 HOUSING.
2. INTAKE HOOD WITH EZ FILTERS.
3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT.
4. DOWN DISCHARGE CONSTRUCTION FOR SIZE 1 UNTEMPERED DIRECT DRIVE AHUS.
5. ECM WIRING PACKAGE FOR SUPPLY MOTORS WITH PWM SIGNAL FROM ECPM03 PREWIRE.
6. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER SECTION).
7. 2 YEAR PARTS WARRANTY.

*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT.
SUGGESTED STRAIGHT DUCT SIZE IS 14" x 14".



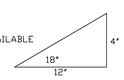


ROOF OPENING 2" SMALLER THAN CURB DIMENSION.

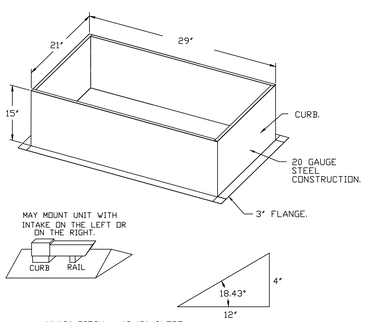


PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE.

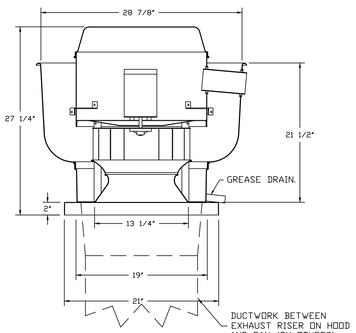


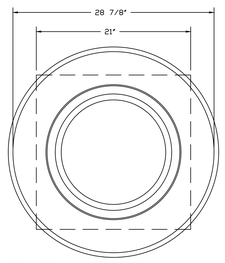
OPTIONS:
- FULL BOTTOM CORNERS.



4"/12" PITCH = 18.43° SLOPE

FAN #1 DU50HFA - EXHAUST FAN (KEF)





TOP VIEW

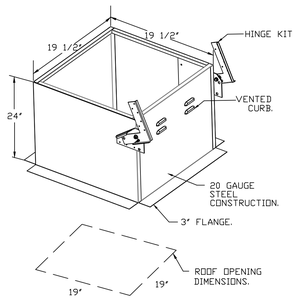
FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

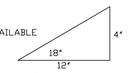
ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS
- GREASE BOX.
- ECM WIRING PACKAGE - PWM SIGNAL FROM ECPM03 PREWIRE (TELCO MOTOR), CCW ROTATION.
- 2 YEAR PARTS WARRANTY.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE.



GREASE DUCT & CHIMNEY SPECIFICATIONS:
PROVIDE GREASE DUCT EQUAL TO ECON-AIR MODEL "EDW"
ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "EDW"
IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING
CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "EDW"
DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER
THE MANUFACTURES INSTALLATION GUIDE.
PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER.
PER MANUFACTURES LISTING MODEL "EDW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE
SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12".
DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE
ACCUMULATION IN HORIZONTAL RUNS.

IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE
UL-2221 OR UL-103 HT LISTED DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY
EQUAL TO ECON-AIR MODEL "EDW- 2R, 2R TYPE HT, 3R, OR 3Z" ROUND 20 GAUGE 430
STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL.

CUSTOMER APPROVAL TO MANUFACTURE:

APPROVED AS NOTED ☐
APPROVED WITH NO EXCEPTION TAKEN ☐
REVISE AND RESUBMIT ☐
SIGNATURE _____
YOUR TITLE _____ DATE _____

REVISIONS

	DESCRIPTION	DATE:
△		
△		
△		
△		

econ·air
www.econair.com
Eastern SC and Wilmington, NC
835 Savannah Highway, Suite 203, Charleston, SC, 29407 PHONE: (843) 606 - 6033 EMAIL: reg130@econair.com

Donut Shop-SC-3'6" hood-roof mount
Beaufort, SC, 29902

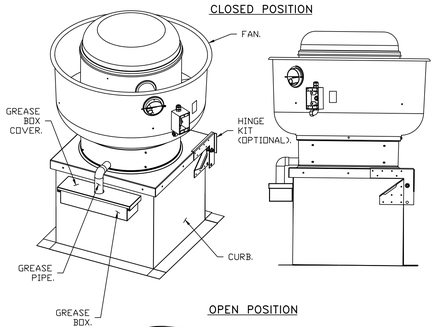
DATE: 5/15/2024
DWG.#: 6800512
DRAWN BY: Zack.Cline
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 3

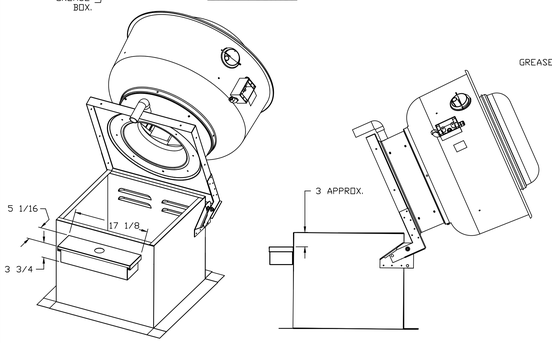
GREASEBOX
REV.#2 08/19/02

GREASE BOX INSTALLATION

CLOSED POSITION



OPEN POSITION



PARTS INCLUDED

GREASE BOX.
GREASE BOX COVER.
GREASE PIPE.

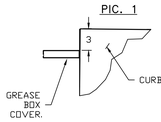
SHEET METAL SCREWS
3 - LONG (3/4" LG.).

GREASE BOX FIELD INSTALLATION

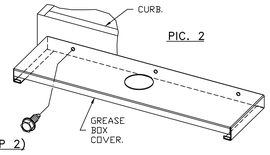
STEP 1)

ATTACH GREASE BOX COVER TO THE CURB, HOLD 3" DIMENSION AS SHOWN ON PIC. 1. SCREW GREASE BOX COVER TO CURB USING (3) LONG (3/4" LG.) SCREWS AS SHOWN ON PIC. 2.

PIC. 1



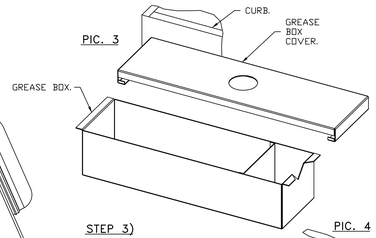
PIC. 2



STEP 2)

ATTACH GREASE BOX TO GREASE BOX COVER, SLIDE AND DROP. AS SHOWN ON PIC. 3.

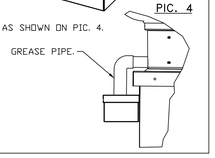
PIC. 3



STEP 3)

INSTALL GREASE PIPE AS SHOWN ON PIC. 4.

PIC. 4



*NOTE: UL 705 INSTALL.

REVISIONS		
	DESCRIPTION	DATE:
1		
2		
3		
4		

econ·air
www.econair.com
Eastern SC and Wilmington, NC
835 Savannah Highway, Suite 203, Charleston, SC, 29407 PHONE: (843) 606 - 6033 EMAIL: reg130@econair.com

Donut Shop-SC-3'6" hood-roof mount
Beaufort, SC, 29902

DATE: 5/15/2024

DWG.#: 6800512

DRAWN BY: Zack.Cline

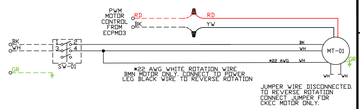
SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 4

Exhaust Fan Wiring

JOB	6800512 - Donut Shop-SC-36" hood-roof ...		
DRAWING NUMBER	EXH6800512-1	SHIP DATE 5/15/2024	MODEL DU50HPA



Installed Options

Component Identification

Label	Description	Location
MT-01	Fan Motor	(3)
SW-01	Main disconnect switch	(3)

MOTOR INFO

EXHAUST 0.5HP-115V-1P-6.3FLA

ELECTRICAL INFORMATION

MOTOR/CTRL MCA 7.9A
MOTOR/CTRL MOP 15A

NOTES

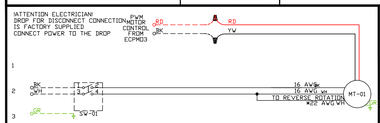
- - - - DENOTES FIELD WIRING
——— DENOTES INTERNAL WIRING

WIRE COLOR

BK - BLACK	YW - YELLOW		
BL - BLUE	GR - GREEN		
BR - BROWN	GY - GRAY		
OR - ORANGE	PR - PURPLE		
RD - RED	PK - PINK		
WH - WHITE			

AirHandler Wiring

JOB	6800512 - Donut Shop-SC-36" hood-roof ...		
DRAWING NUMBER	A6800512-2	SHIP DATE 5/15/2024	MODEL A1-15D



Installed Options

Component Identification

Label	Description	Location
MT-01	Supply motor	(2)
SW-01	Main disconnect switch	(2)

MOTOR INFO

SUPPLY 1.0HP-115V-1P-11.6FLA

ELECTRICAL INFORMATION

MOTOR/CTRL CIRCUIT MCA 12.9A
MOTOR/CTRL CIRCUIT MOP 25A

NOTES

- - - - DENOTES FIELD WIRING
——— DENOTES INTERNAL WIRING

** 14 AWG

WIRE COLOR

BK-BLACK	YW - YELLOW	RD - RED	
BL-BLUE	GR - GREEN	WH - WHITE	
BR - BROWN	GY - GRAY		
OR - ORANGE	PK - PURPLE	PK - PINK	

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		

econ·air
www.econair.com
Eastern SC and Wilmington, NC
835 Savannah Highway, Suite 203, Charleston, SC, 29407 PHONE: (843) 606 - 6033 EMAIL: reg130@econair.com

Donut Shop-SC-36" hood-roof mount
Beaufort, SC, 29902

DATE: 5/15/2024

DWG.#: 6800512

DRAWN BY: Zack.Cline

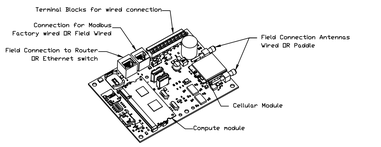
SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 5

ELECTRICAL PACKAGE – JOB#6800512

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		FAN TAG	TYPE	Φ	HP	VOLT	FLA
1		SC-311110MA	UTILITY CABINET RIGHT	UTILITY CABINET RIGHT	1 LIGHT	SMART CONTROLS THERMOSTATIC CONTROL W/ RELAY ON/OFF WITH SUPPLY	KEF	EXHAUST	1	0.500	115	6.3
				HOOD # 1	1 FAN		MAU Roof	SUPPLY	1	1.000	115	11.6



CASlink Monitor and Control

- Hood control panel to support communications to cloud-based Building Management System.
- Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
- Hood Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.
- Hood Control Panel to allow cloud-based Building Management System to implement SYSTEM ECONOMIZER control strategies for fully integrated Building Management.

MONITORING AND CONTROL POINTS LIST

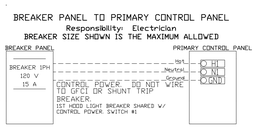
DCV Packages	Function
Room Temperature	MONITOR
Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR
Fan Speed	MONITOR
Fan Amperage	MONITOR
Fan Power	MONITOR
VFD Faults	MONITOR
Controller Faults	MONITOR
Fan Faults	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
CORE Fire System	MONITOR
Building Pressures	MONITOR
Prep Tine Button	MONITOR & CONTROL
Fans Button	MONITOR & CONTROL
Lights Button	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL

SC Packages	Function
Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR
Controller Faults	MONITOR
Fan Faults	MONITOR
Fan Status	MONITOR
PCU Faults	MONITOR
PCU Filter Clog Percentages	MONITOR
Fire Condition	MONITOR
CORE Fire System	MONITOR
Building Pressures	MONITOR
Fans Button(s)	MONITOR & CONTROL
Lights Button(s)	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL

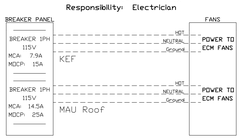
JOB NO 6800512 | MODEL NUMBER SC-311110MA | JOB NAME Donut Shop-SC-3'6" hood-roof … | DRAWN BY | SCHEMATIC TYPE INSTALL | DATE 5/15/2024 | DWG NO ECP #1-1

DESCRIPTION OF OPERATION: 3 Phase w/ control for 1 Exhaust fan, 1 Supply fan, Exhaust on in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fanki On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation. INVERTER DUTY 3 PHASE MOTOR REQUIRES FOR USE WITH VFD.

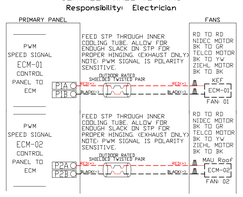
BREAKER PANEL TO PRIMARY CONTROL PANEL
Responsibility: Electrician
BREAKER SIZE SHOWN IS THE MAXIMUM ALLOWED



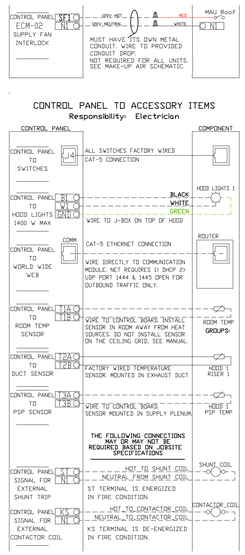
BREAKER PANEL TO FANS
Responsibility: Electrician

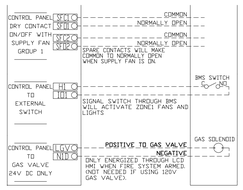


CONTROL PANEL TO FANS
Responsibility: Electrician

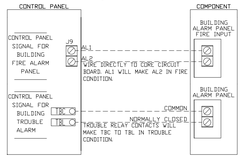


CONTROL PANEL TO ACCESSORY ITEMS
Responsibility: Electrician





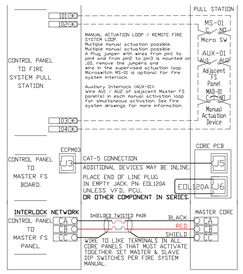
CONTROL PANEL TO FIRE SYSTEM
Responsibility: ALARM CONTRACTOR



CONTROL PANEL TO FIRE SYSTEM
Responsibility: CERTIFIED INSTALLER

JOB NO 6800512 | MODEL NUMBER SC-311110MA | JOB NAME Donut Shop-SC-3'6" hood-roof … | DRAWN BY | SCHEMATIC TYPE INSTALL | DATE 5/15/2024 | DWG NO ECP #1-2

DESCRIPTION OF OPERATION: 3 Phase w/ control for 1 Exhaust fan, 1 Supply fan, Exhaust on in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fanki On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation. INVERTER DUTY 3 PHASE MOTOR REQUIRES FOR USE WITH VFB.



JOB NO 6800512 | MODEL NUMBER SC-311110MA | JOB NAME Donut Shop-SC-3'6" hood-roof … | DRAWN BY | SCHEMATIC TYPE INSTALL | DATE 5/15/2024 | DWG NO ECP #1-3

DESCRIPTION OF OPERATION: Fire System #1 TANK FS - 4.0.

TANK PROTECTION ELECTRICAL DETAIL

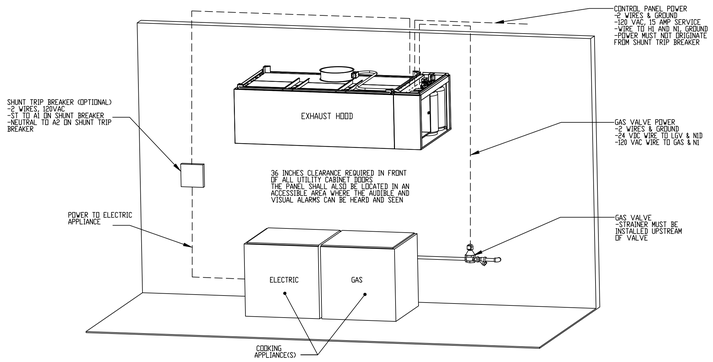
02/10/2021 Rev. 2

ELECTRICIAN:
1. WIRE MAIN CONTROL PANEL PER INCLUDED SCHEMATIC
2. WIRE ALL FANS PER INCLUDED SCHEMATIC
3. WIRE SHUNT TRIP BREAKER (OPTIONAL)
4. WIRE UBS APPLIANCE KILL SWITCH, IF EQUIPPED (OPTIONAL)
5. WIRE GAS VALVE

FS-1: MASTER

ELECTRICAL CONTRACTOR REQUIREMENT

ITEM	CONNECTION IN PANEL	CONNECTION IN DEVICE	VOLTAGE	AMPERAGE	COMMENTS
SHUNT TRIP BREAKER (OPTIONAL)	ST & NI	BREAKER COIL (A1 & A2)	120 VAC	< 4 AMPS	ST TO A1 ON SHUNT BREAKER COIL, AND NEUTRAL TO A2 ON SHUNT TRIP BREAKER COIL
CONTROL PANEL POWER	HI & NI + GROUND	CIRCUIT BREAKER	120 VAC	15 AMPS	CONTROL PANEL POWER MUST NOT BE RUN THROUGH SHUNT TRIP BREAKER
UBS APPLIANCE KILL SWITCH (OPTIONAL)	KTS & NI	KTS & NI	120 VAC	< 4 AMPS	KILL SWITCH TERMINALS MUST BE IN SERIES WITH OTHER KILL SWITCHES
REMOTE 120VAC ANSUL AUTOMAN (OPTIONAL)	AUI, AUI2	SOLENOID	120 VAC	< 6 AMPS	120V TO AUI, AUI2 TO ANSUL ELECTRIC AUTOMAN, ANSUL SOLENOID TO NEUTRAL
GAS VALVE	LGV & NID (IF 24 VDC) GAS & NI (IF 120 VAC)	RED/RED/GREEN	24 VDC OR 120 VAC	< 10 AMPS	IF 24 VDC - 2 WIRES & GROUND, NID TO RED, LGV TO RED, AND GREEN TO GROUND IF 120 VAC - 2 WIRES & GROUND GAS TO RED, NI TO RED, AND GREEN TO GROUND



NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

JOB NO 6800512 | MODEL NUMBER SC-311110MA | JOB NAME Donut Shop-SC-3'6" hood-roof … | DRAWN BY | SCHEMATIC TYPE INSTALL | DATE 5/15/2024 | DWG NO ECP #1-4

DESCRIPTION OF OPERATION: Fire System #1 TANK FS - 4.0.

TANK PROTECTION LOW-VOLTAGE DETAIL

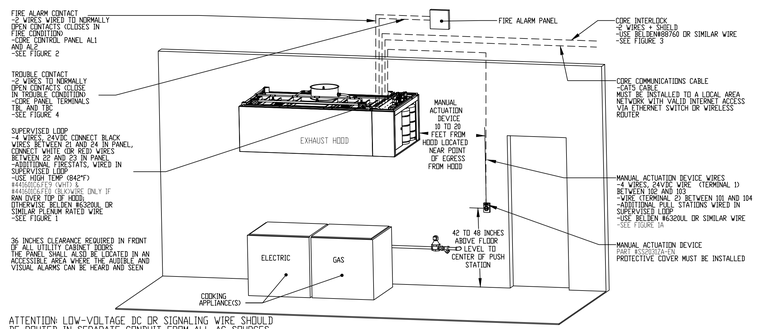
10/01/2023 Rev. 3

ALARM CONTRACTOR:
1. WIRE MANUAL ACTUATION DEVICE(S), REMOTE FIRESTAT(S), CORE INTERLOCK(S), FIRE SENSOR(S) AND FIRE ALARM CONTACTS
2. COMPLETE FINAL HOOKUP OF SYSTEM
3. VERIFY FINAL FIRE SYSTEM TEST

FS-1: MASTER

ALARM CONTRACTOR REQUIREMENT

ITEM	CONNECTION IN PANEL	CONNECTION ON DEVICE	VOLTAGE	AMPERAGE	COMMENTS
MANUAL ACTUATION DEVICE(S)	101 AND 104 102 AND 103	1 & 2	24 VDC	< 1.0 AMPS	WIRE MANUAL ACTUATION DEVICE TERMINAL 1 BETWEEN CORE PANEL TERMINALS 102 AND 103 WIRE MANUAL ACTUATION DEVICE TERMINAL 2 BETWEEN CORE PANEL TERMINALS 101 AND 104 JUMPER 101 TO 104 AND 102 TO 103 IF NO MANUAL ACTUATION DEVICE IS INSTALLED
MANUAL ACTUATION DEVICE COVER	N/A	N/A	N/A	N/A	MANUAL ACTUATION DEVICE COVER MUST BE INSTALLED IF SURFACE MOUNTED, USE COVER EXTENSION SH-SSSB
REMOTE FIRESTAT SENSOR(S)	21 AND 24 22 AND 23	BLACK AND WHITE	24 VDC	< 1.0 AMPS	WIRE FIRE SENSOR WHITE WIRE BETWEEN CORE PANEL TERMINALS 22 AND 23 WIRE FIRE SENSOR BLACK WIRE BETWEEN CORE PANEL TERMINALS 21 AND 24 HIGH TEMP (525°) THERMOSTAT (BLACK WIRE) PN #4460SU6213 (BLK WIRE ONLY IF RAN OVER TOP OF HOOD, OTHERWISE BELDEN #6320UL OR SIMILAR PLENUM RATED WIRE) SEE FIGURE 1
FIRE ALARM CONTACT	AL1, AL2	VARIES	50V MAX (AC/DC)	UP TO 1 AMP	FIRE ALARM RELAY CONTACTS FOR BUILDING FIRE ALARM LOCATED IN THE CORE ELECTRICAL CONTROL PANEL
CORE INTERLOCK(S)	CA, CB, CC	CA, CB, CC	RS-485 COMMUNICATIONS SIGNAL		CORE SYSTEM (1) CA, TO CORE SYSTEM (2) CA. CORE SYSTEM (1) CB, TO CORE SYSTEM (2) CB CORE SYSTEM (1) CC, TO CORE SYSTEM (2) CC. USE BELDEN# 88760 OR SIMILAR WIRE
TROUBLE CONTACT	TBC, TBL, TCK	VARIES	MAX 120 VAC	UP TO 6 AMPS	WIRE TO TBL & TBC NORMALLY OPEN CONTACT, CLOSES IN TROUBLE CONDITION
CORE COMMUNICATIONS CABLE	RJ-45 Jack	INTERNET CONNECTION	SIGNAL	<1.0 AMPS	TYPICAL CONNECTION CAT5 CABLE TO LOCAL AREA NETWORK VIA ETHERNET SWITCH OR WIRELESS ROUTER WITH VALID INTERNET CONNECTION



ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		
5		

econ·air
www.econair.com
Eastern SC and Wilmington, NC
835 Savannah Highway, Suite 203, Charleston, SC, 29407 PHONE: (843) 606 - 6033 EMAIL: reg130@econair.com

Donut Shop-SC-3'6" hood-roof mount
Beaufort, SC, 29902

DATE: 5/15/2024

DWG.#: 6800512

DRAWN BY: Zack.Cline

SCALE: 3/4" = 1'-0"

MASTER DRAWING

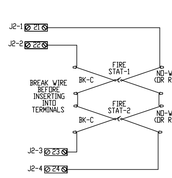
SHEET NO. 6

JOB NO	MODEL NUMBER	DRAWN BY	SCHEMATIC TYPE	DESCRIPTION OF OPERATION:
6800512	SC-311110MA		INSTALL	Fire System #1 TANK FS - 4.0.
	JOB NAME: Donut Shop-SC-3'6" hood-roof m	DATE: 5/15/2024	DWG NO: ECP #1-5	

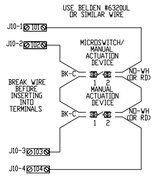
TANK PROTECTION LOW-VOLTAGE FIGURES

10/01/2023 Rev. 17

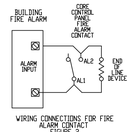
FS-1: MASTER



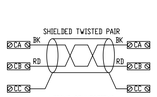
WIRING CONNECTIONS FOR FIRESTAT LOOP
FIGURE 1



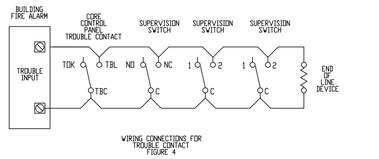
WIRING CONNECTIONS FOR MANUAL ACTUATION LOOP
FIGURE 1A



WIRING CONNECTIONS FOR FIRE ALARM CONTACT
FIGURE 2



WIRING CONNECTIONS FOR CORE INTERLOCK
FIGURE 3



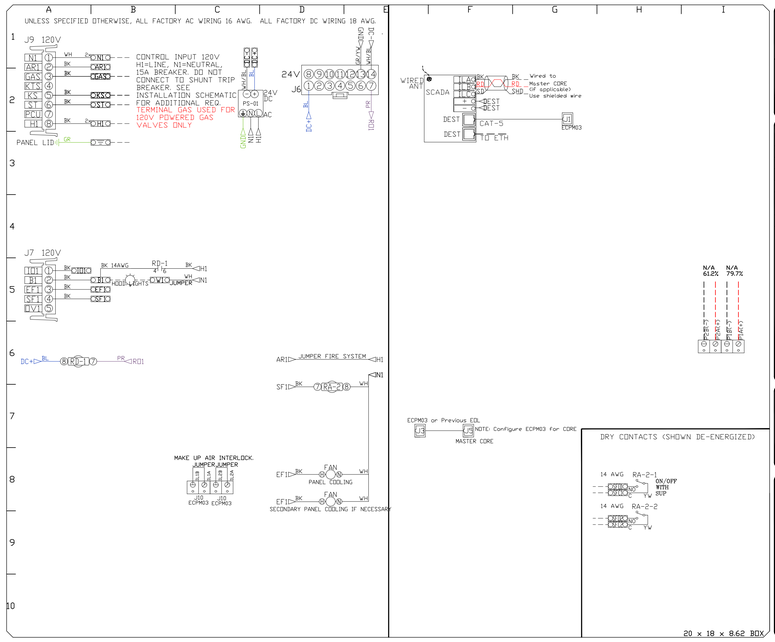
WIRING CONNECTIONS FOR TROUBLE CONTACT
FIGURE 4

NOTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS

ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES

20 x 18 x 8.62 BOX

UNLESS SPECIFIED OTHERWISE, ALL FACTORY AC WIRING 16 AWG. ALL FACTORY DC WIRING 18 AWG.



FACTORY WIRING SCHEMATIC CIRCUIT BOARDS

RA-x 120 VAC RELAY		RD-x 24 VDC RELAY	
NO	4 3	NO	4 3
NC	2 1	NC	2 1
COIL	8 5	COIL	8 5
COM	6 5	COM	6 5

COMPONENT LIST

LABEL	DESCRIPTION
ST-x	Starter varies
D-x	Disconnect varies
C-x	Contactor varies
PS-1	Power Sup 24VDC 60W MEANWELL
RA-x	120V Relay DPST 24VDC Coil
RD-x	24VDC Light Relay (#SU06A)
TS-x	Duct Thermostat, B/O-PD-1F-CWL
SCADA	SCADA Module

LEGEND

FIELD WIRING
FACTORY WIRING

BK- BLACK YW- YELLOW
BL- BLUE GY- GREY
BR- BROWN PR- PURPLE
OR- ORANGE RD- RED
WH- WHITE GR- GREEN
BK/BL- BK/BL STRIPE
BL/RD- BL/RD STRIPE
RD/GN- RD/GN STRIPE
WH/BL- WH/BL STRIPE

JOB NAME	Donut Shop-SC-3'...
MODEL	SC-311110MA

DESCRIPTION OF OPERATION

3 Phase w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Fire Alarm Relay Lights out in Fire, Relay On/Off with Supply Fan, Fan(s) On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation. INVERTER DUTY 3 PHASE MOTOR REQUIRED FOR USE WITH VFD.

JOB NO	DRAWN BY
6800512	ZC
DATE	
FACTORY 5/15/2024	
DWG NO	ECP #1-6

MOTOR POWER CIRCUITS. SEE INSTALLATION DIAGRAM FOR FIELD WIRING REQUIREMENTS.

FACTORY WIRING SCHEMATIC CIRCUIT BOARDS DCV Rev. 2.10.00 HMI Rev. 4.10.00

RA-x 120 VAC RELAY		RD-x 24 VDC RELAY	
NO	4 3	NO	4 3
NC	2 1	NC	2 1
COIL	8 7	COIL	8 7
COM	6 5	COM	6 5

COMPONENT LIST

LABEL	DESCRIPTION
ST-x	Starter varies
C-x	Contactor varies
SM-x	VFD varies
LR-x	Line/Load Reactor varies

LEGEND

FIELD WIRING
FACTORY WIRING

BK- BLACK YW- YELLOW
BL- BLUE GY- GREY
BR- BROWN PR- PURPLE
OR- ORANGE RD- RED
WH- WHITE GR- GREEN
BK/BL- BK/BL STRIPE
BL/RD- BL/RD STRIPE
RD/GN- RD/GN STRIPE
WH/BL- WH/BL STRIPE

JOB NAME	Donut Shop-SC-3'...
MODEL	SC-311110MA

DESCRIPTION OF OPERATION

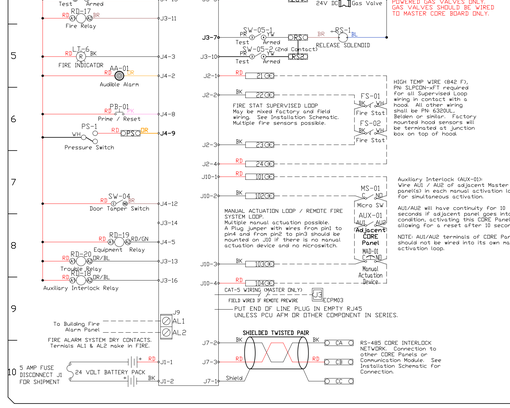
3 Phase w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Fire Alarm Relay Lights out in Fire, Relay On/Off with Supply Fan, Fan(s) On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation. INVERTER DUTY 3 PHASE MOTOR REQUIRED FOR USE WITH VFD.

JOB NO	DRAWN BY
6800512	ZC
DATE	
FACTORY 5/15/2024	
DWG NO	ECP #1-7

20 x 18 x 8.62 BOX

ATTENTION: LOW-VOLTAGE DC OR SIGNALING WIRE SHOULD BE ROUTED IN SEPARATE CONDUIT FROM ALL AC SOURCES.

FS-1: MASTER



DIP Switch

SW1 ON 1 2 3 4 5 6 7 8

Master CORE set DIP SW 8 to CLOSED position. Slave CORE with address 1 set DIP SW 8 to CLOSED position. All other CORES set DIP SW 8 OPEN.

FIRE INDICATOR FAULT CONDITION FLASH CODES

2	Release Solenoid
3	Pressure Switch
4	Auxiliary Fault
5	Microcontroller Fault
6	N/A
7	Supervised Loop
8	Ground Fault
9	Surfactant Low
10	Battery Voltage Low
11	AC Power Failure
12	Door Tamper Switch
13	Test Mode
14	CORE Interlock Network
15	Fault on Hood in Interlock Network
16	Fault on PCU in Interlock Network

DRY CONTACTS (SHOWN DE-ENERGIZED)

RD-20-1 TROUBLE RELAY. Contact terminals TBC & TBL make if there is trouble. Contact terminals TBC & TDK make if the system is ok.

RD-19-1 COOKING EQUIPMENT DISABLE RELAY. For UBS 930 Switch, wire EXC and EX3 terminals to like terminals in UBS panel.

14 AWG RD-17-1 FIRE SYSTEM DRY CONTACTS. Dry contacts will make C2 to AR2 when system is armed.

RD-18-1 INTERLOCK FOR AUTOMAN ACTIVATION Used for activating 120V automan or adjacent Master CORE panels during active Fire Condition.

FACTORY WIRING SCHEMATIC CORE FIRE PROTECTION

RA-x 120 VAC RELAY		RD-x 24 VDC RELAY	
NO	4 3	NO	4 3
NC	2 1	NC	2 1
COIL	8 7	COIL	8 7
COM	6 5	COM	6 5

COMPONENT LIST

LABEL	DESCRIPTION
MAD-01	MANUAL ACTIVATION DEVICE
PCB-2	CORE PCB P/BCORE-MPP
PS-02	CORE POWER SUPPLY 1606-XLP-60E
VT-x	Vister Solenoid varies
LT-06	24V Red Ind. Light WL-SMRD-24V
LL-01	Surf. Level Sensor 42050
AA-01	Audible Alarm SCI30LX2P3
PB-XX	Prime/Reset Switch TYPICAL(2NEEDED)
SW-05	TEST/ARM Switch 10250T
SW-04	Tamper Switch BZ-2RQ2-A2
SP-1	Surfactant Pump 4-6000-005
GV-1	24v Gas Valve varies
FS-XX	Duct Fire Sensor D-71000-00CN8
LT-05	24V TLV Ind. Light WL-SMRD-24V
PS-01	Remote Pull/Push Station STI-32040
PWS-01	24VDC Power Supply (4VDC 3W POWER
RD-XX	24VDC Plug-in Relay PLC-RPT-24DC/21
PS	Pressure Switch (VC-PRESSURE

LEGEND

FIELD WIRING
FACTORY WIRING

BK- BLACK YW- YELLOW
BL- BLUE GY- GREY
BR- BROWN PR- PURPLE
OR- ORANGE RD- RED
WH- WHITE GR- GREEN
BK/BL- BK/BL STRIPE
BL/RD- BL/RD STRIPE
RD/GN- RD/GN STRIPE
WH/BL- WH/BL STRIPE

JOB NAME	Donut Shop-SC-3'...
MODEL	SC-311110MA

DESCRIPTION OF OPERATION

Fire System #1 TANK FS - 4.0.

JOB NO	DRAWN BY
6800512	ZC
DATE	
FACTORY 5/15/2024	
DWG NO	ECP #1-8

econ·air
www.econair.com
Eastern SC and Wilmington, NC
835 Savannah Highway, Suite 203, Charleston, SC, 29407 PHONE: (843) 606 - 6033 EMAIL: reg130@econair.com

REVISIONS

	DESCRIPTION	DATE:
1		
2		
3		
4		
5		

Donut Shop-SC-3'6" hood-roof mount
Beaufort, SC, 29902

DATE: 5/15/2024

DWG.#: 6800512

DRAWN BY: Zack.Cline

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 7

SYSTEM DESIGN VERIFICATION (SDV)

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

REVISIONS

	DESCRIPTION	DATE:
△		
△		
△		
△		

econ·air
www.econair.com
Eastern SC and Wilmington, NC
835 Savannah Highway, Suite 203, Charleston, SC, 29407 PHONE: (843) 606 - 6033 EMAIL: reg130@econair.com

Donut Shop-SC-3'6" hood-roof mount
Beaufort, SC, 29902

DATE: 5/15/2024

DWG.#: 6800512

DRAWN BY: Zack.Cline

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 8

SPECIFICATIONS & NOTES

Liability Statement

1. This design is strictly for the additional connectors, materials and fabrication processes needed to meet the minimum requirements for wind load resistance and is based on ASCE 7-16 and NDS. For all other practices not shown, the builder shall refer to the practices contained in the 2021 International Residential Code.
2. Details shown are for typical foundation and framing conditions. Other foundation and framing techniques allowed under the International Residential Code can be used in the event that this design does have a specific connector called out for any exterior wall foundation or joist, truss, or header located in or connected to an exterior wall. Should a conflict occur with the design or specification of materials associated with this design during the foundation or framing process, the builder shall contact the Engineer for resolution before proceeding with any further construction., The engineer will provide the appropriate connector information at that connection and revise this design as necessary to document change at no cost. Failure of the builder to contact the engineer in regard to those connections referenced in this paragraph, relieves the engineer of any and all liability associated with that connection.

DESIGN NOTES

1. This design is unique to this project and is not associated with any other design or plan sets. This design provides the Main Wind Force Resisting System (MWFRS) which is the assemblage of structural elements assigned to provide support and stability for the overall structure. The system receives loading from surfaces categorized as Components and Cladding. Components and Cladding are elements of the structural system (sheathing, windows, roof diaphragms, etc.) that transfer wind and seismic loads to the MWFRS.
2. This design is based on the criteria in the "International Residential Code (IRC), 2021 Revision. Design of the Components and Cladding and Main Wind Force Resistance System is in accordance with the ASCE 7-18 and AF&PA NDS. Exterior walls of wood-frame construction are designed in accordance with the provisions of paragraph 602.3 and figures R602.3(1) and R602.3(2) and in accordance with AF&PA's NDS. All standard construction practices must be followed during construction. Spread footings and foundations that support columns are designed in accordance with ASCE 24.
3. All discrepancies will be resolved with the Engineer prior to proceeding with construction. All dimensions shall be site verified prior to construction.
4. All connectors and anchors shall be installed using manufacturer's instructions.
5. Any conflict between this design and code requirements shall assume the highest level of standards until the Engineer can be consulted.
6. On specifications called out in the design, use the latest revision unless otherwise noted.

Windows and Doors

1. Exterior windows and doors are designed to resist the design wind loads specified in Table R301.2(2) adjusted for height and exposure in accordance with Table R301.2(3) of IRC 2021.
2. Exterior windows and sliding doors shall be tested by an approved independent laboratory, and bear a label identifying manufacturer, performance characteristics and approved inspection agency to indicate compliance with AAMA/WDMA/CSA 101/I.S.2/A440. Exterior side-hinged doors shall be tested and labeled as conforming to AAMA/WDMA/CSA 101/ILS.2/A440 or comply with Section R612.5.
3. Garage doors shall be tested in accordance with either ASTM E 330 or ANSI/ DASMA 108, and shall meet the acceptance criteria of ANSI/DASMA 108.
4. Exterior windows and door assemblies not included within the scope of Section R612.3 or Section R612.4 shall be tested in accordance with ASTM E 330. Glass in assemblies covered by this exception shall comply with Section R308.5
5. Protection of exterior windows and glass doors in buildings located in wind-borne debris regions shall be in accordance with Section R301.2.1.2.
6. Wood structural panels with a minimum thickness of 7 /16 inch (11 mm) and a maximum span of 8 feet (2438 mm) are permitted for opening protection in one- and two-story buildings. Panels shall be precut and attached to the framing surrounding the opening containing the product with the glazed opening. Panels shall be predrilled as required for the anchorage method and shall be secured with an attachment system such as Ply Fastener, POMA Brand system or PLYLOX. Attachments are designed to resist the component and cladding loads determined in accordance with either Table R301.2(2) or ASCE 7-16.
7. Design Pressure for windows is determined to be DP40 which is equivalent to a structural test of wind pressure at 155 mph. (See NCTL chart at http://www.nctlinc.com/velocity-chart/)

Flood Zone Notes

1. All new construction and substantial improvements of buildings must be elevated on piles and columns so that the floor elevation is elevated at or above one foot above the the Base Flood Elevation (Design Flood Elevation). No fill can be used for structural support. The elevation of the floor will require a FEMA Elevation Certificate for documentation.
2. The area under the first floor must either be free of obstruction, or any enclosure must be constructed with open wood lattice-panels or insect screening or, be constructed with non-supporting/non-load bearing breakaway walls. Any enclosed area below the BFE can only be used for the parking of vehicles, building access, or storage. When constructed in accordance with this general note, this design provides for equalization of hydrostatic forces. Piles and columns are designed to be anchored to resist floatation., collapse, and lateral movement due to wind and flood loads acting simultaneously on all building components and other load components.
3. To minimize flood damages, mechanical, electrical, plumbing equipment, and other service facilities must be designed and/or located above the BFE so as to prevent damage during conditions of flooding.

Materials

Building materials used below the base flood elevation required shall comply with the following:

1. All wood, including floor sheathing, shall be pressure-preservative-treated in accordance with AWPA U1 for the species, product, preservative and end use or be the decay-resistant heartwood of redwood, black locust or cedars. Preservatives shall be listed in Section 4 of AWPA U1.
2. Materials and installation methods used for flooring and interior and exterior walls and wall coverings shall conform to the provisions of FEMA/FIA-TB-2.
3. All exposed lumber and plywood shall be treated in accordance with "American Wood Preservers Association" AWPA U1 (Commodity Specification A, Use Category 4B and Section 5.2)
4. Fasteners used below grade to attach plywood to the exterior side of exterior basement or crawlspace wall studs, or fasteners used in knee wall construction, shall be of Type 304 or 316 stainless steel. Fasteners used above grade to attach plywood and all lumber-to-lumber fasteners except those used in knee wall construction shall be of Type 304 or 316 stainless steel, silicon bronze, copper, hot-dipped galvanized (zinc coated) steel nails, or hot-tumbled galvanized (zinc coated) steel nails.

Framing Layout

1. All connections shall be in accordance with standard fastening schedule of the 2021 IRC unless otherwise noted.
2. Common wire nails or pneumatic (air gun) nails (equivalent to common wire nails) shall be used where required unless otherwise noted.
3. See nailing schedule for nailing where no connection is specified.

Concrete Floors

1. A concrete slab-on-grade used in conjunction with the exterior stemwall foundations shall have 6x6 W1.4xW1.4 welded wire fabric or synthetic fiber reinforcement in the slab
2. The top of a monolithic slab-on-grade shall be at least 8" above finished grade. The slab shall be not less than 4 inches thick. The slab shall have 6x6 W1.4 xW1.4 welded wire fabric at mid-height or synthetic fiber reinforcement. A double layer of welded wire fabric 3 feet wide shall be provided around the perimeter of the slab if WWF is used ..

Wood Floors

1. Floor joists shall be sized in accordance with the American Forest and Paper Associations's Span Tables for Joists and Rafters.
2. Wood I-Joists, single or continuous span shall comply with the manufacturer's code evaluation report.
3. Parallel chord floor trusses shall be in accordance with the TPI Design Specifications for Metal Plate Connected Parallel Chord Wood Trusses.
4. Floor joists/trusses shall be fastened to the sill plate or top plate in accordance with the IRC. Uplift connectors shall be provided as shown to resist uplift loads.
5. Bracing using full depth blocking shall be placed perpendicular to the floor framing members in the first two framing spaces at each end of floor system, spaced 4' on center maximum.

Wood Walls

1. Shear walls shall be constructed out of SYP studs, 15/32" sheathing thickness with 10d nails s paced staggered at 3"o.c. Nail spacing in the field shall be 12"o.c.
2. (2) Header studs shall be provided at each end supporting header (jack studs) and full-length at each end of header (king studs) for any openings greater than 6' in unsupported wall heights of 10' or less. Provide uplift connectors at top and bottom of all cripple studs.
3. Lap splice top plates a minimum of 4 feet and provide 14 - 16d nails.
4. Sheathing shall be attached to the top member of double top plates, framing along all four edges and blocking installed between studs. Lowest sheathing shall be nailed to the sill plate

Connections

1. Simpson or USP connectors are acceptable for use. The reference to Simpson connectors infers USP equivalent connectors.

General Notes

1.) Concrete masonry units shall conform to ASTM C-90 grade No.1,Type 1. Compressive strength masonry shall be 100 p.s.i. (min.) of the gross area.

2.) Concrete masonry units with vertical steel shall be filled with grout.

3.) Place vert rebar in all internal piers, place PA28 evenly spaced in half of the internal piers and grout all cells with steel.

Cast- in Place Concrete:

1.) Contractor shall adhere to the requirements of ACI-318. including appendix a for detailing, fabrication and placement of concrete reinforcing.

2.) Concrete shall achieve a 28 day compressive strength of 3,000 psi per ASTM-39.

3.) Reinforcing steel shall be deformed bars, ASTM-615, Grade 60.

4.) Welded wire mesh shall conform to ASTM A-185.

5.) Lap splices for reinforcing bars shall be class bin accordance with ACI 318. Unless otherwise noted.

6.) Concrete cover shall conform to ACI-318.

7.) Material for grouting reinforcing bars shall be fluid, non-shrink, and high strength in conformance with CRD-C621.

8.) Chamfer exposed corners of slabs and walls 3/4"

Structural Steel:

1.) All structural steel work shall conform to the specifications for the design, fabrication,, and erection of structural steel for buildings, latest edition, of the A.I.S.C.

2.) Structural steel plates, shapes, and bars shall be ASTM A-36. galvanized shall be per ASTM A-123.

3.) Anchor bolts shall be ASTM- A-307.

4.) Steel bolts shall conform to ASTM- A-307, galvanized per ASTM 1-128.

5.) Structural steel tubes shall be ASTM A-500, Grade B.

6.) Structural steel pipes shall be ASTM- A-501.

Timber and Dimensional Lumber:

1.) Structural timbers shall be #2 Southern Yellow Pine with minimum property values. Fb = 1200 psi Fv = 90 psi ft= = 650 psi Fe = 1550 psi (parallel) e= 1,600,000 psi Fe = 565 psi (perpendicular). The design is based on NDS 2001. All sizes and spacing of timbers are noted on the drawings.

2.) Structural Parallam (psl) or Gluelam (lvl) shall have min. property values Fb = 2900 psi, Fv = 290 psi Ft = 2400 psi Fe = 2900 psi e = 2,000,000 psi.

3.) Connectors shall be Simpson Strong Tie Co. Inc. or USP Inc. and installed according to the manufacturer's instructions unless otherwise noted. Connectors exposed to weather shall have the z-max galvanized finish or U.S.P. lumber connectors.

4.) Timber designated as "pt' shall be pressure treated in accordance with AWPA standards C2.

5.) Engineer approved drawings are required for timber floor trusses and roof trusses shall be designed in accordance with standard building code and AITC 100 including all truss bracing and blocking. manufacture is required to submit design specifications indicating designing wind loads of 130 mph (155 mph gusts 3 sec).

Nailing Notes

1. All nails are smooth common, box or deformed shanks except where otherwise stated. Nails used for framing and sheathing connections shall have minimum average bending yield strengths as shown: 80ksi for shank diameter of 0.192 (20d), 90 ksi for shank diameters larger than 0.142 inch but not larger than 0.177 inch, and 100 ksi for shank diameters of 0.142 inch or less.
2. Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater.
3. Install sheathing horizontally unless specified otherwise.
4. Spacing of fasteners not included in this table shall be based on Table R602.3(1) of the IRC.
5. Nails for attaching panel roof sheathing to intermediate supports shall be spaced 6 inches on center for minimum 48 inch distance from ridges, eaves and gable end walls; and 4 inches on center to gable end wall framing.
6. Gypsum sheathing shall conform to ASTM C79 sand shall be installed in accordance with GA 253. Fiberboard sheathing shall conform to either AHA 194.1 or ASTM C208
7. Spacing of fasteners on floor sheathing panel edges applies to panel edges supported by framing members and at all floor perimeters only. Spacing of fasteners on roof sheathing panel edges applies to panel edges supported by framing members and at all roof plane perimeters. Blocking of roof or floor sheathing panel edges perpendicular to the framing members shall not be required except at intersection of adjacent roof planes. Floor and roof perimeter shall be supported by framing members or solid blocking.

Description of Building Element	No. and type of fastener	Spacing/Location
Joist to sill or girder, toe nail	(3) 8d	
1"x6" subfloor or less to each Joist, face nail	(2) 8d	
2" subfloor to joist or girder, blind and face nail	(2) 16d	
Sole plate to joist or blocking, face nail	16d	16" c/c
Top or sole plate to stud, end nail	(2) 16d	
Stud to sole plate, toe nail	(2) 16d	
Double studs, face nail	10d	24" c/c
Double top plates, face nail	10d	24" c/c
Sole plate to joist or blocking at braced wall panels	(3) 16d	16" c/c
Double top plates, min 24" offset of end joints, face nail in lapped area	(8) 16d	
Blocking between joists or rafters to top plate, toe nail	(3) 8d	
Rim joist to top plate, toe nail	8d	6" c/c
Top plates, laps at corners and intersections, face nail	(2) 10d	
Built up header, two pieces with ½" spacer	16d	16" c/c, along each edge
Continued header, two pieces	16d	16" c/c, along each edge
Ceiling joists to plate, toe nail	(3) 8d	
Continuous header to stud, toe nail	(4) 8d	
Ceiling joist, laps over partitions, face nail	(3) 10d	
Ceiling joists to parallel rafters, face nail	(3) 10d	
Rafter to plate, toe nail	(2) 16d	
1" brace to each stud and plate, face nail	(2) 8d	
1"x6" sheathing to each bearing, face nail	(2) 8d	
1"x8" sheathing to each bearing, face nail	(2) 8d	
Wider than 1"x8" sheathing to each bearing, face nail	(3) 8d	
Built up corner studs	10d	24" c/c
Built up girders and beams, 2" lumber layers		Nail each layer as follows: 32"c/c at top and bottom and staggered. Two nails at ends and at each splice.
2" planks	(2) 16d	
Roof rafters to ridge, valley or hip rafters toe nail	(6) 16d	
face nail	(4) 16d	
Collar be to rafter, face nail	(4) 10d box (3" × 0.128"); or (3) 10d common (3" × 0.148"); or (4) 3" × 0.131" nails	Face nail each rafter
Rafter or roof truss to plate	(3) 16d box (3½2" × 0.135"); or (3) 10d common (3" × 0.148"); or (4) 1-10d box (3" × 0.128"); or (4) 3" × 0.131" nails	2 toe nails on one side and 1 toe nail on opposite side of each rafter or truss
Wood structural panes, subfloor, roof and wall sheeting to framing		
5/16" - 1/2"	6d common nails (subfloor, wall)	12"
	8d common nails (roof)	12"
19/32" - 1"	8d common nails	12"
1 1/8" - 1 1/4"	10d common nails	12"
Other wall sheathing		edge field
½" regular cellulosic fiberboard sheathing	1 1/2" galv roof nails 6d	3" 6"
½" structural cellulosic fiberboard sheathing	1 1/2" galv roof nails 8d	3" 6"
25/32" structural cellulosic fiberboard sheathing	1 3/4" galv roof nails 8d	3" 6"
½" gypsum sheathing	1 1/2" galv roof nails 6d	4" 8"
5/8" gypsum sheathing	1 1/2" galv roof nails 8d	4" 8"
Wood structural panels, combination subfloor underlayment to framing		edge field
3/4" or less	6d deformed nail or 8d common	6" 12"
7/8" - 1"	8d deformed nail or 8d common	6" 12"
1 1/8" - 1 1/4"	8d deformed nail or 10d common	6" 12"

Roof Framing, Stick-Built System

1) Spacing shall be 16" c/c, uno. Provide a minimum 2x ridge board with a depth not less than the depth of the rafter, UNO. Rafters shall be placed directly opposite each other and bear against ridge board. Install a 2x6, min, collar beam in the upper third of the roof to every pair of rafters.

2) Rafter sizes shall conform to the following:
unsupported rafter span up to 6'-6" - 2x4 minimum
unsupported rafter span up to 10'-0" - 2x6 minimum
unsupported rafter span up to 13'-6" - 2x8 minimum
unsupported rafter span up to 17'-6" - 2x10 minimum

3) Hip and valley rafter sizes and connections shall conform to the following requirements:
unsupported horizontal rafter span up to 6',
minimum size (1) 2x6 unsupported horizontal rafter span up to 8',
minimum size (1) 2x6 unsupported horizontal rafter span up to 10',
minimum size (1) 2x8 unsupported horizontal rafter span up to 12',
minimum size (2) 2x8 or (1) 2x10 or 1.75x5.5 lvl unsupported horizontal rafter span up to 14',
minimum size (2) 2x8 or (1) 2x12 or (1) 1.75x7.25 lvl unsupported horizontal rafter span up to 16',
minimum size (2) 2x10 or (1) 1.75x9.25 lvl unsupported horizontal rafter span up to 18',
minimum size (2) 2x12 or (1) 1.75x9.5 lvl unsupported horizontal rafter span up to 20',
minimum size (3) 2x12 or (1) 1.75x11.25 lvl

4) Bracing is required when a gable endwall extends from the top floor to the roof sheathing and is not supported by a ceiling diaphragm, end wall roof bracing shall be provided. this shall consist of 2x bracing members the full depth of the rafter or truss top chord installed in the first two end spaces perpendicular to the roof framing system. bracing shall be placed at 4" c/c max. the roof sheathing shall be nailed to the bracing with the panel nailing procedure set forth in the fastening schedule

3RD PARTY FLOOR & ROOF TRUSS SYSTEM REVIEW if used

THE STRUCTURAL DESIGN HAS BEEN REVIEWED & VERIFIED WITH THE 3rd PARTY FLOOR & ROOF TRUSS SYSTEM DESIGN PACKAGE TO ENSURE NO ADDITION STRUCTURAL DESIGN ELEMENTS ARE REQUIRED.

ENGINEER'S INITIALS _____

STRUCTURAL LOADS

Hilton Head Island, SC

GRAVITY LOADS

ROOF DEAD LOAD = 15psf
ROOF LIVE LOAD = 20psf
FLOOR LIVE LOAD = 40psf
DEAD LOAD = 10psf
GROUND SNOW LOAD = 5psf

WIND LOADS

141mph BASE WIND SPEED EXPOSURE "B" ENCLOSED STRUCTURE

SEISMIC LOADS

BUILDING CLASSIFICATION II
0.2 SPECTRAL RESPONSE ACC., S_S= 0.417
1.0 SPECTRAL RESPONSE ACC. S_1= 0.141
SITE CLASS D
DESIGN CATAGORY D2

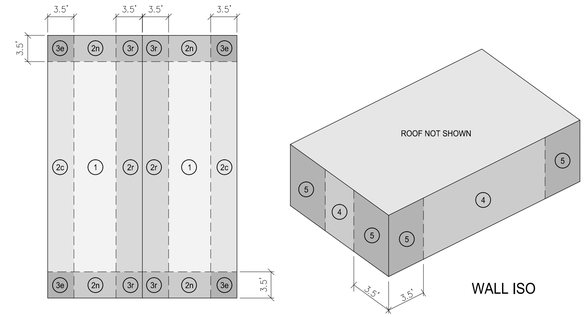
WIND LOADS (COMPONENTS & CLADDING) a=3'-0" GABLE MAIN ROOF SYSTEM

Components & Cladding Wind Loads - Ch 30 Part 1 Roof & Wall

BASED ON BASIC ASD WIND SPEED
All Wind Pressures Include a Load Factor (LF) of 0.6

ZONE 1	= +18/-34psf	ZONE 3e	= +18/-56psf
ZONE 2e	= +18/-34psf	ZONE 3r	= +18/-36psf
ZONE 2n	= +18/-36psf	ZONE 4	= +20/-22psf **
ZONE 2r	= +18/-34psf	ZONE 5	= +20/-26psf **

** LOADS TO BE USED FOR IMPACT RESISTANT OPENINGS or code min



ROOF PLAN

WALL ISO

COMPONENTS & CLADDING WIND ZONES OF GABLE ROOF

2x & LVL MEMBER LAMINATION CONNECTIONS

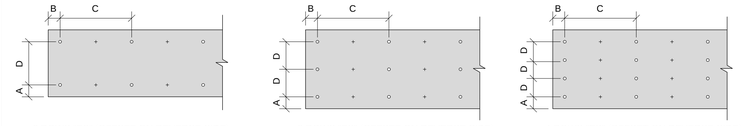
MINIMUM FASTENING REQUIREMENTS FOR TOP AND SIDE LOADED MEMBERS

	MEMBER DEPTH	2 PLY	3 PLY	4 PLY	5 PLY
10d (0.128"x3") NAILS	7 1/4" ≤ d < 14"	3 ROWS @ 12" O.C.	3 ROWS @ 12" O.C. (ES)	--	--
	d ≥ 14"	4 ROWS @ 12" O.C.	4 ROWS @ 12" O.C. (ES)	--	--
16d (0.162"x3 1/2") NAILS	7 1/4" ≤ d < 14"	2 ROWS @ 12" O.C.	2 ROWS @ 12" O.C. (ES)	--	--
	d ≥ 14"	3 ROWS @ 12" O.C.	3 ROWS @ 12" O.C. (ES)	--	--
1/2" THROUGH BOLTS	d ≥ 7 1/4"	2 ROWS @ 24" O.C.	2 ROWS @ 24" O.C.	2 ROWS @ 24" O.C.	2 ROWS @ 24" O.C.
SDS 1/4"x 3 1/2" SCREWS	d ≥ 7 1/4"	2 ROWS @ 24" O.C.	2 ROWS @ 24" O.C. (ES)	--	--
SDS 1/4"x 6" SCREWS	d ≥ 7 1/4"	--	--	2 ROWS @ 24" O.C. (ES)	--
SDS 1/4"x 8" SCREWS	d ≥ 7 1/4"	**	**	**	2 ROWS @ 24" O.C. (ES)

FASTENER CLEARANCES FOR MULTI-PLY MEMBERS

FASTENER	A	B		C		D
	MIN	MIN	MAX	MIN	MAX	MIN
10d & 16d NAILS	2"	2"	6"	4"	12"	3"
BOLTS AND SCREWS	2"	4"	12"	4"	24"	3"

TYPICAL, ALL FASTENERS ROWS TO HAVE A CONTINUOUS BEAD OF CONSTRUCTION ADHESIVE APPLIED IN A "S" WAVE PATTERN .

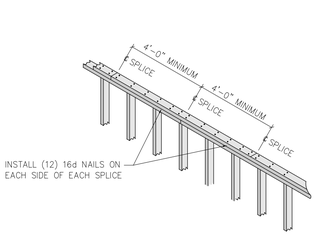


2 ROWS "ES" (OFFSET ON REVERSE SIDE) 3 ROWS "ES" (OFFSET ON REVERSE SIDE) 4 ROWS "ES" (OFFSET ON REVERSE SIDE)

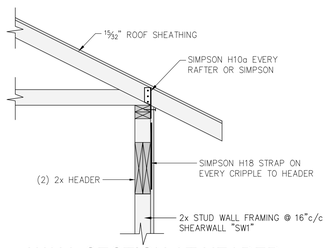
NOTES:
1. ALL FASTENERS MUST HAVE THE LENGTH FULLY EMBEDDED, BUT MUST NOT BE OVERDRIVEN, COUNTERSUNK, OR OVER-TIGHTENED.

2. BOLT HOLES ARE TO BE 1/16" MAX. DIAMETER LARGER THAN THE BOLTS. BOLTS MUST MEET OR EXCEED ASTM A 307. EVERY BOLT MUST EXTEND THROUGH THE FULL THICKNESS OF THE MEMBER. USE WASHERS NOT LESS THAN A STANDARD CUT WASHER UNDER THE HEAD AND NUT MEETING ANSI B 18.22.1.

3. ALL FASTENERS ROWS TO HAVE A CONTINUOUS BEAD OF CONSTRUCTION ADHESIVE APPLIED IN A "S" WAVE PATTERN.



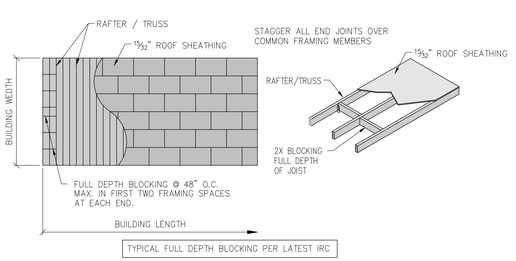
TOP PLATE SPLICE DETAIL



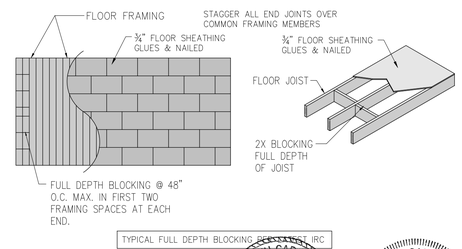
WALL SECTION AT HEADER

WINDOWS AND DOORS

1. EXTERIOR WINDOWS AND DOORS ARE DESIGNED TO RESIST THE DESIGN WIND LOADS SPECIFIED IN TABLE R301.2(2) ADJUSTED FOR HEIGHT AND EXPOSURE IN ACCORDANCE WITH TABLE R301.2(3) OF IRC 2021.
2. EXTERIOR WINDOWS AND SLIDING DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT LABORATORY, AND BEAR A LABEL IDENTIFYING MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED INSPECTION AGENCY TO INDICATE COMPLIANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440. EXTERIOR SIDE-HINGED DOORS SHALL BE TESTED AND LABELED AS CONFORMING TO/AAMA/WDMA/CSA 101/LiLS.2/A440 OR COMPLY WITH SECTION R612.5.
3. GARAGE DOORS SHALL BE TESTED IN ACCORDANCE WITH EITHER ASTM E 330 OR ANSI/ DASMA 108,AND SHALL MEET THE ACCEPTANCE CRITERIA OF ANSI/DASMA 108.
4. EXTERIOR WINDOWS AND DOOR ASSEMBLIES NOT INCLUDED WITHIN THE SCOPE OF SECTION R612.3 OR SECTION R612.4 SHALL BE TESTED IN ACCORDANCE WITH ASTM E 330. GLASS IN ASSEMBLIES COVERED BY THIS EXCEPTION SHALL COMPLY WITH SECTION R308.5
5. PROTECTION OF EXTERIOR WINDOWS AND GLASS DOORS IN BUILDINGS LOCATED IN WIND-BORNE DEBRIS REGIONS SHALL BE IN ACCORDANCE WITH SECTION R301.2.1.2.
6. WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7 /16 INCH (11 MM) AND A MAXIMUM SPAN OF 8 FEET (2438 MM) ARE PERMITTED FOR OPENING PROTECTION IN ONE- AND TWO-STORY BUILDINGS. PANELS SHALL BE PRECUT AND ATTACHED TO THE FRAMING SURROUNDING THE OPENING CONTAINING THE PRODUCT WITH THE GLAZED OPENING. PANELS SHALL BE PREDRILLED AS REQUIRED FOR THE ANCHORAGE METHOD AND SHALL BE SECURED WITH AN ATTACHMENT SYSTEM SUCH AS PLY FASTENER, POMA BRAND SYSTEM OR PLYLOX. ATTACHMENTS ARE DESIGNED TO RESIST THE COMPONENT AND CLADDING LOADS DETERMINED IN ACCORDANCE WITH EITHER TABLE R301.2(2) OR ASCE 7-16.
7. DESIGN PRESSURE FOR WINDOWS IS DETERMINED TO BE DP40 WHICH IS EQUIVALENT TO A STRUCTURAL TEST OF WIND PRESSURE AT 155 MPH. (SEE NCTL CHART AT HTTP://WWW.NCTLINC.COM/VELOCITY-CHART/)



ROOF SHEATHING LAYOUT



FLOOR BRACING AT ENDWALLS

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 4366 DAVID MURRAY

SOUTH CAROLINA DESIGN & ENGINEERING No. C00370 CERTIFICATE OF AUTHORIZATION

The seal appearing on this document was authorized by David Murray on May 9, 2024 and applies to Revision O

NOTE

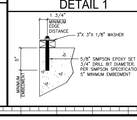
THESE DRAWINGS ARE STRUCTURAL. CAROLINA DESIGN IS NOT RESPONSIBLE FOR WATERPROOFING, DAMP-PROOFING, VENTILATION, OR FLASHING DETAILS.

DESIGN NOTE TO CONTRACTOR/BUILDER

PRIOR TO PERMITTING, CONTRACTOR/BUILDER SHALL REVIEW THESE DRAWINGS/DOCUMENTS. IF THERE ARE ANY CONCERNS AND/OR ALTERNATE FRAMING DETAILS REQUESTED, THE CONTRACTOR/BUILDER SHALL NOTIFY THE ENGINEER FOR CLARIFICATIONS AND/OR REVISIONS TO THESE DRAWINGS/DOCUMENTS. AFTER PERMITS HAVE BEEN ISSUED AND CONSTRUCTIONS HAS BEGUN, ANY MODIFICATIONS DUE TO INCORRECT CONSTRUCTION AND/OR INSTALLATION SHALL BE CONSIDERED A CHANGE ORDER AND THUS SHALL BE BILLED TO THE CONTRACTOR/BUILDER.

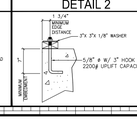
PLEASE REVIEW THESE DESIGN DOCUMENTS AND DRAWINGS AND IF THE CONTRACTOR/BUILDER HAS ANY QUESTIONS AND/OR CONCERNS, CONTACT THE ENGINEER FOR CLARIFICATIONS AND/OR REVISION PRIOR TO PERMITTING.

DETAIL 1

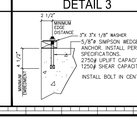


ANCHOR BOLT DETAIL

DETAIL 2



DETAIL 3



NOTE TO CONTRACTOR

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO ARCHITECTURAL PLANS PREPARED BY OTHERS. NOTE THAT WALL OPENINGS MAY HAVE BEEN EITHER ELIMINATED OR RELOCATED. ALSO, WALL LOCATIONS AND DIMENSIONS AS WELL AS BUILDING DIMENSIONS MAY HAVE BEEN ALTERED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY DIMENSIONAL CONFORMITY OR NON – CONFORMITY BETWEEN THE TWO SETS OF PLANS. ANY CONCERNS SHOULD BE DISCUSSED AND CLARIFIED WITH THE ENGINEER PRIOR TO CONSTRUCTION. THE ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR ROOF AND FLOOR SYSTEMS DESIGNED BY OTHERS. THIS INCLUDES THE CONNECTION DESIGN FOR THE ROOF AND FLOOR SYSTEMS.

NOTE TO BUILDING OFFICIAL

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO THE ARCHITECTURAL DRAWINGS PREPARED BY Marty Mauldin
PLAN: Alljoy BBRC & Alljoy DC

BUILDING CODE & LOADS

INTERNATIONAL RESIDENTIAL CODE 2021
WIND VELOCITY = 141 mph 3 sec GUST
EXPOSURE B ENCLOSED BUILDING
RISK CATEGORY II ASSUMED SOIL BEARING = 2500psf
SIESMIC DESIGN BASED ON REQUIREMENTS
PRESCRIBED IN THE INTERNATIONAL RESIDENTIAL CODE 2021 FOR STRUCTURES LOCATED IN SEISMIC DESIGN CATAGORY D2

REVISIONS			
DM3 NOTE BY	DMM ADDED BY		
5/9/24 DATE	5/9/24 DATE		
0 ISSUE	PERMITS / CONSTRUCTION ISSUED FOR		

DRAWN BY P.E.
2411.3 JOB No.

D. MURRAY III DATE 5/9/24
24113 JOB No.

SCALE AS SHOWN

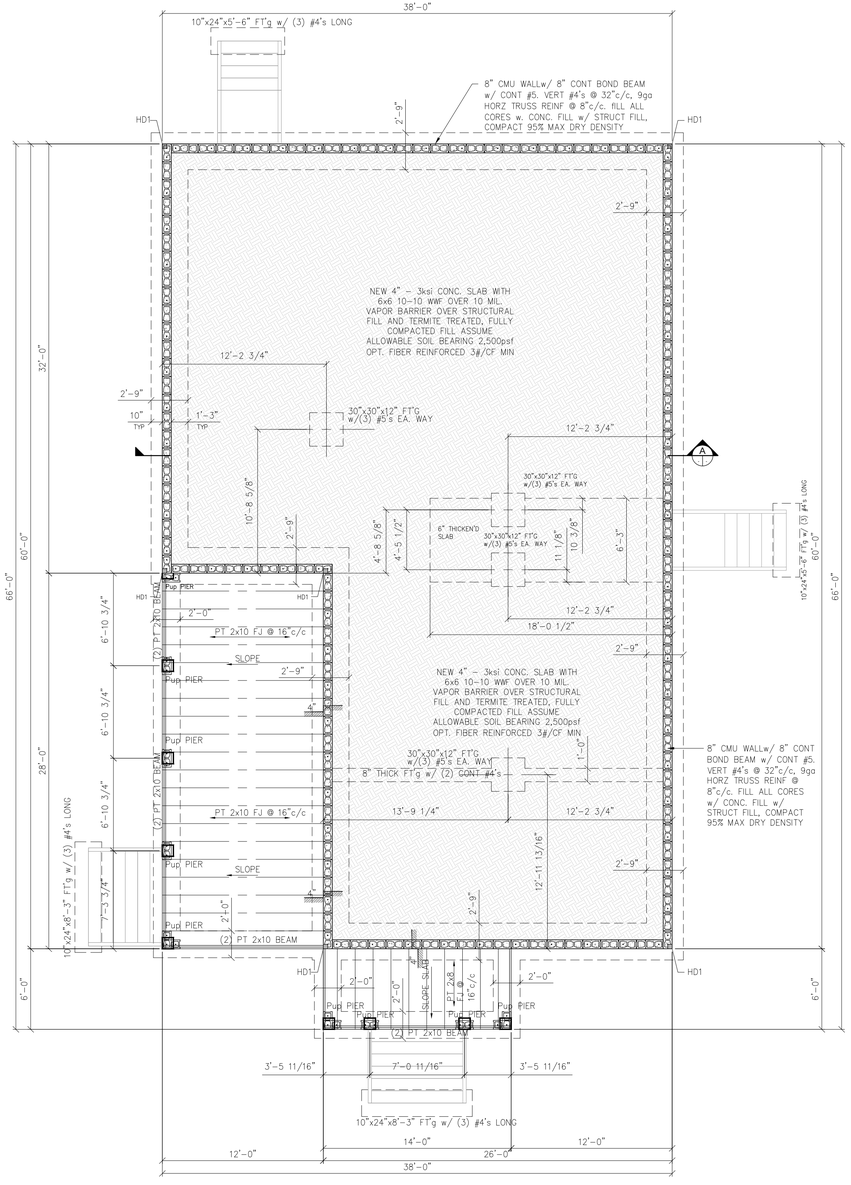
CHK'D BY DMM
24113-S1 DRAWING No.

DATE 5/9/24
SEQ 0

Alljoy BBRC & Alljoy DC
27 New Orleans Road
Hilton Head Island, SC 29928
SPECIFICATIONS & DETAILS

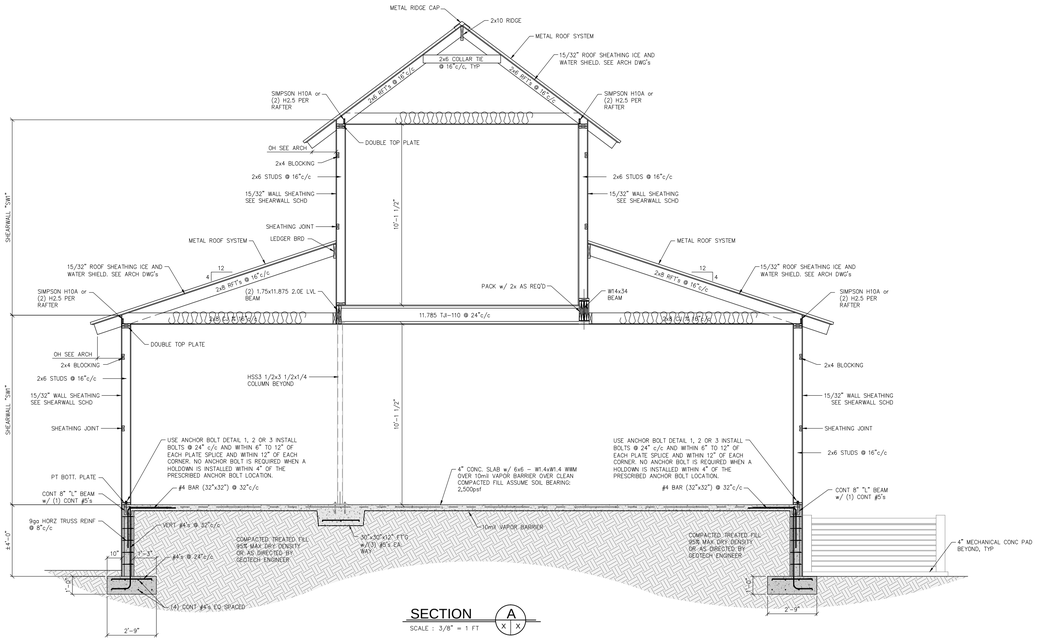
Carolina Design, PC
Consulting Engineers
451A Jessen Lane
Charleston, SC 29422
(843) 884-0520

SHEET No. S1



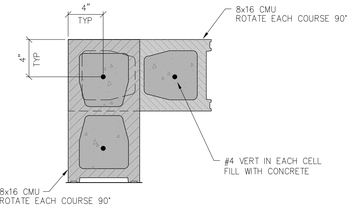
FOUNDATION PLAN

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

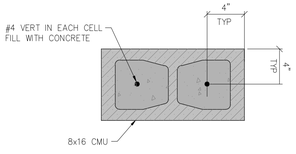


SECTION A

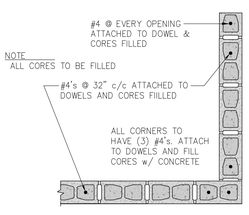
SCALE : 3/8" = 1 FT



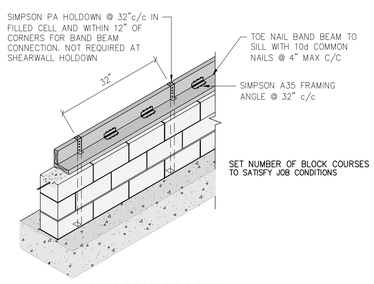
8"x16" GRAVITY "L" PIER DETAIL



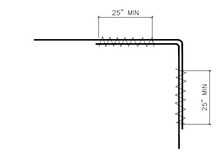
8"x16" GRAVITY PIER DETAIL



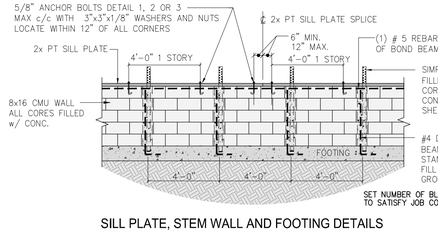
STEM WALL PLAN



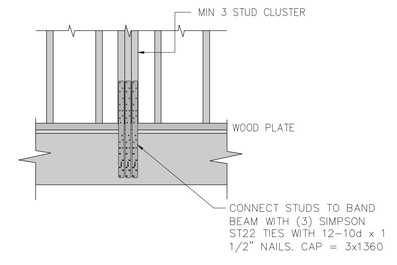
BAND BEAM TIE-DOWN



REBAR CORNER LAP



SILL PLATE, STEM WALL AND FOOTING DETAILS



STUD CLUSTER TO BAND BEAM

NTS

SOUTH CAROLINA REGISTERED No. 4366 PROFESSIONAL ENGINEER DAVID J. MURRAY, JR.

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION CAROLINA DESIGN & ENGINEERING No. C00370

The seal appearing on this document was authorized by David Murray on May 9, 2024 and applies to Revision O

NOTE

THESE DRAWINGS ARE STRUCTURAL. CAROLINA DESIGN IS NOT RESPONSIBLE FOR WATERPROOFING, DAMP-PROOFING, VENTILATION, OR FLASHING DETAILS.

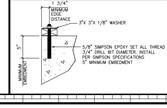
DESIGN NOTE TO CONTRACTOR/BUILDER

PRIOR TO PERMITTING, CONTRACTOR/BUILDER SHALL REVIEW THESE DRAWINGS/DOCUMENTS. IF THERE ARE ANY CONCERNS AND/OR ALTERNATE FRAMING DETAILS REQUESTED, THE CONTRACTOR/BUILDER SHALL NOTIFY THE ENGINEER FOR CLARIFICATIONS AND/OR REVISIONS TO THESE DRAWINGS/DOCUMENTS. AFTER PERMITS HAVE BEEN ISSUED AND CONSTRUCTIONS HAS BEGUN, ANY MODIFICATIONS DUE TO INCORRECT CONSTRUCTION AND/OR INSTALLATION SHALL BE CONSIDERED A CHANGE ORDER AND THUS SHALL BE BILLED TO THE CONTRACTOR/BUILDER.

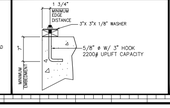
PLEASE REVIEW THESE DESIGN DOCUMENTS AND DRAWINGS AND IF THE CONTRACTOR/BUILDER HAS ANY QUESTIONS AND/OR CONCERNS, CONTACT THE ENGINEER FOR CLARIFICATIONS AND/OR REVISION PRIOR TO PERMITTING.

ANCHOR BOLT DETAIL

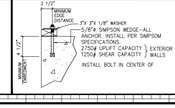
DETAIL 1



DETAIL 2



DETAIL 3



NOTE TO CONTRACTOR

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO ARCHITECTURAL PLANS PREPARED BY OTHERS. NOTE THAT WALL OPENINGS MAY HAVE BEEN EITHER ELIMINATED OR RELOCATED. ALSO, WALL LOCATIONS AND DIMENSIONS AS WELL AS BUILDING DIMENSIONS MAY HAVE BEEN ALTERED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY DIMENSIONAL CONFORMITY OR NON – CONFORMITY BETWEEN THE TWO SETS OF PLANS. ANY CONCERNS SHOULD BE DISCUSSED AND CLARIFIED WITH THE ENGINEER PRIOR TO CONSTRUCTION. THE ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR ROOF AND FLOOR SYSTEMS DESIGNED BY OTHERS. THIS INCLUDES THE CONNECTION DESIGN FOR THE ROOF AND FLOOR SYSTEMS.

NOTE TO BUILDING OFFICIAL

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO THE ARCHITECTURAL DRAWINGS PREPARED BY Marty Mauldin
PLAN: Alljoy BBRC & Alljoy DC

BUILDING CODE & LOADS

INTERNATIONAL RESIDENTIAL CODE 2021
WIND VELOCITY = 141 mph 3 sec GUST
EXPOSURE B ENCLOSED BUILDING
RISK CATEGORY II ASSUMED SOIL BEARING = 2500psf
SEISMIC DESIGN BASED ON REQUIREMENTS
PRESCRIBED IN THE INTERNATIONAL RESIDENTIAL CODE 2021 FOR STRUCTURES LOCATED IN SEISMIC DESIGN CATAGORY D2

REVISIONS

REV	DATE	ISSUE	BY
0	5/9/24	PERMITS / CONSTRUCTION	DMM

ISSUED FOR

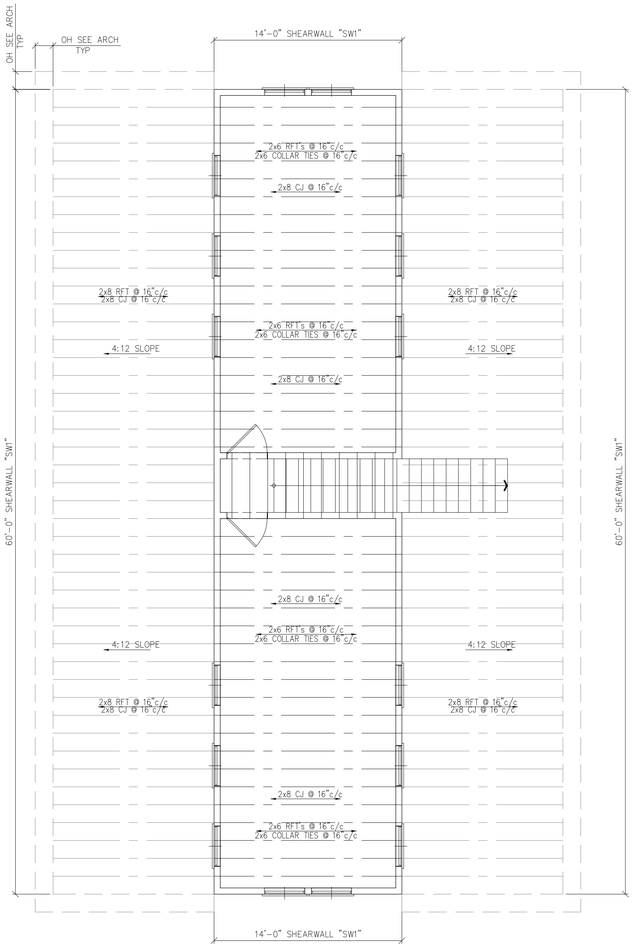
Alljoy BBRC & Alljoy DC
27 New Orleans Road
Hilton Head Island, SC 29928
FOUNDATION PLAN, SECTIONS, & DETAILS

DRAWN BY	CHK'D BY	DATE	DRAWING No.	REV
D. MURRAY III	DMM	5/9/24	24113-S2	0

SCALE	JOB No.	DATE
AS SHOWN	24113	5/9/24

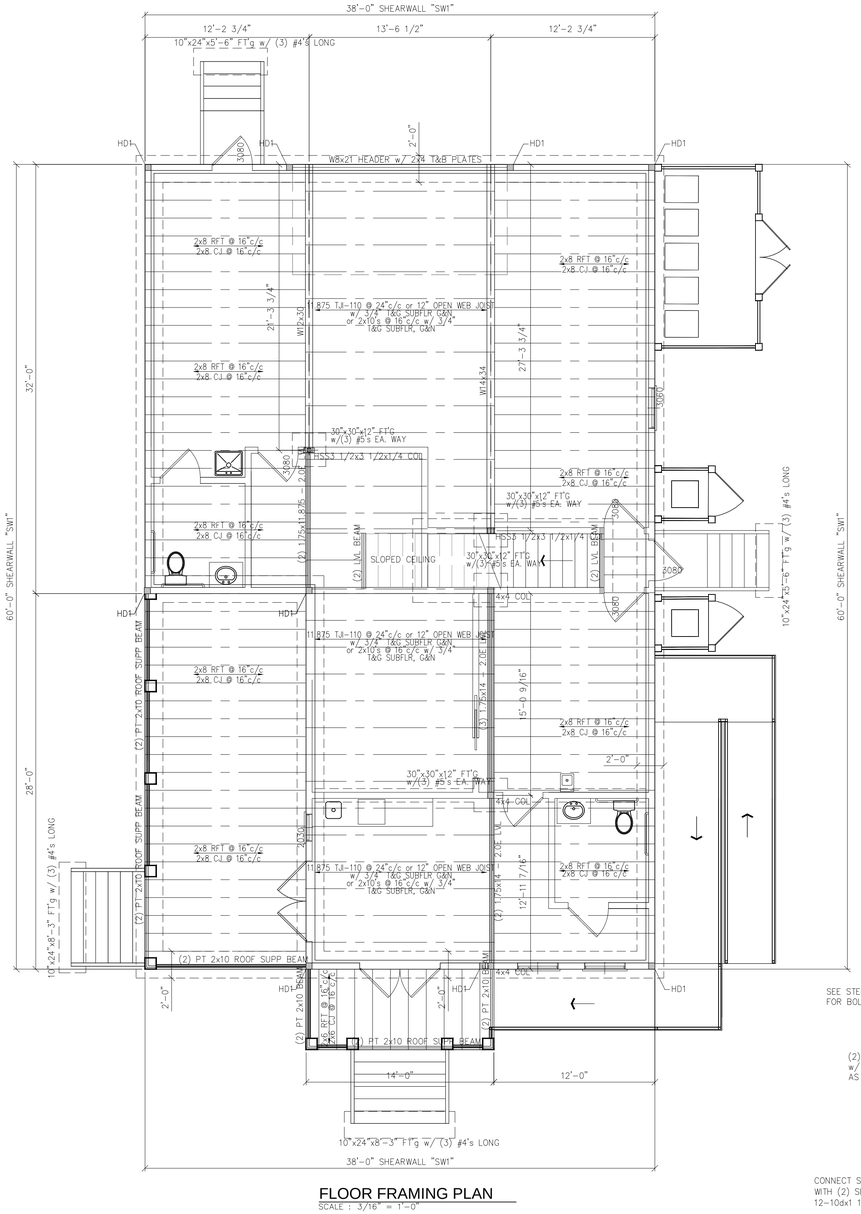
SHEET No. S2

Carolina Design, PC
Consulting Engineers
451A Jessen Lane
Charleston, SC 29492
(843) 884-6626



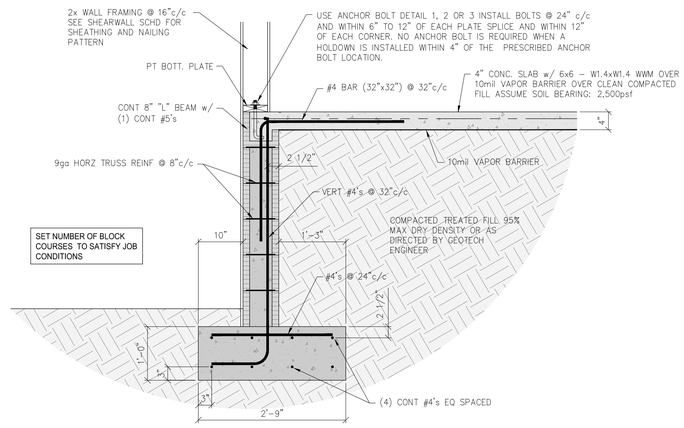
2nd FLR CEILING & ROOF FRAMING PLAN

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



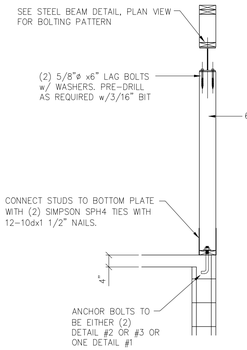
FLOOR FRAMING PLAN

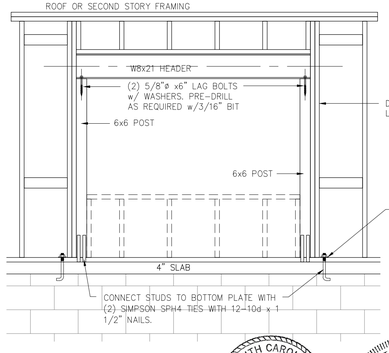
SCALE : 3/16" = 1'-0"



ELEVATED SLAB FOUNDATION DETAIL

SCALE : 3/4" = 1'-0"





W8 HEADER OPENING DETAIL

SOUTH CAROLINA REGISTERED No. 4366 PROFESSIONAL ENGINEER DAVID M. MURRAY, JR.

SOUTH CAROLINA CAROLINA DESIGN & ENGINEERING No.C00370 CERTIFICATE OF AUTHORIZATION

The seal appearing on this document was authorized by David Murray on May 9, 2024 and applies to Revision O

NOTE

THESE DRAWINGS ARE STRUCTURAL. CAROLINA DESIGN IS NOT RESPONSIBLE FOR WATERPROOFING, DAMP-PROOFING, VENTILATION, OR FLASHING DETAILS.

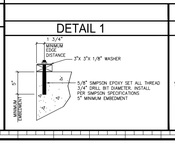
DESIGN NOTE TO CONTRACTOR/BUILDER

PRIOR TO PERMITTING, CONTRACTOR/BUILDER SHALL REVIEW THESE DRAWINGS/DOCUMENTS. IF THERE ARE ANY CONCERNS AND/OR ALTERNATE FRAMING DETAILS REQUESTED, THE CONTRACTOR/BUILDER SHALL NOTIFY THE ENGINEER FOR CLARIFICATIONS AND/OR REVISIONS TO THESE DRAWINGS/DOCUMENTS. AFTER PERMITS HAVE BEEN ISSUED AND CONSTRUCTIONS HAS BEGUN, ANY MODIFICATIONS DUE TO INCORRECT CONSTRUCTION AND/OR INSTALLATION SHALL BE CONSIDERED A CHANGE ORDER AND THUS SHALL BE BILLED TO THE CONTRACTOR/BUILDER.

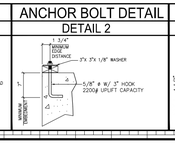
PLEASE REVIEW THESE DESIGN DOCUMENTS AND DRAWINGS AND IF THE CONTRACTOR/BUILDER HAS ANY QUESTIONS AND/OR CONCERNS, CONTACT THE ENGINEER FOR CLARIFICATIONS AND/OR REVISION PRIOR TO PERMITTING.

ANCHOR BOLT DETAIL

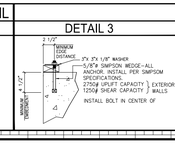
DETAIL 1



DETAIL 2



DETAIL 3



NOTE TO CONTRACTOR

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO ARCHITECTURAL PLANS PREPARED BY OTHERS. NOTE THAT WALL OPENINGS MAY HAVE BEEN EITHER ELIMINATED OR RELOCATED. ALSO, WALL LOCATIONS AND DIMENSIONS AS WELL AS BUILDING DIMENSIONS MAY HAVE BEEN ALTERED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY DIMENSIONAL CONFORMITY OR NON – CONFORMITY BETWEEN THE TWO SETS OF PLANS. ANY CONCERNS SHOULD BE DISCUSSED AND CLARIFIED WITH THE ENGINEER PRIOR TO CONSTRUCTION. THE ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR ROOF AND FLOOR SYSTEMS DESIGNED BY OTHERS. THIS INCLUDES THE CONNECTION DESIGN FOR THE ROOF AND FLOOR SYSTEMS.

NOTE TO BUILDING OFFICIAL

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO THE ARCHITECTURAL DRAWINGS PREPARED BY Marty Mauldin
PLAN: Alljoy BBRC & Alljoy DC

BUILDING CODE & LOADS

INTERNATIONAL RESIDENTIAL CODE 2021
WIND VELOCITY = 141 mph 3 sec GUST
EXPOSURE B ENCLOSED BUILDING
RISK CATEGORY II ASSUMED SOIL BEARING = 2500psf
SIESMIC DESIGN BASED ON REQUIREMENTS
PRESCRIBED IN THE INTERNATIONAL RESIDENTIAL CODE 2021 FOR STRUCTURES LOCATED IN SEISMIC DESIGN CATAGORY D2

REVISIONS

REV'S	ISSUED FOR	BY	DATE
0	PERMITS / CONSTRUCTION	DMM	5/9/24

JOB No.	P.E.	ISSUE	DATE
24113	DMM	0	5/9/24

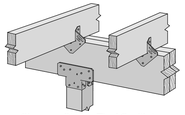
DRAWN BY D. MURRAY III DATE 5/9/24 | JOB No. 24113 | SCALE AS SHOWN

CHK'D BY DMM | DRAWING No. 24113-S3 | DATE 5/9/24 | REV'S 0

Alljoy BBRC & Alljoy DC
27 New Orleans Road
Hilton Head Island, SC 29928
FRAMING PLANS, SECTIONS, & DETAILS

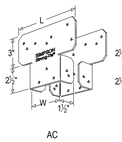
Carolina Design, PC
Consulting Engineers
451A Jessen Lane
Mount Pleasant, SC 29464
(843) 884-0525

SHEET No. S3

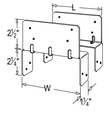


Simpson Strong-Tie AC with two H1's Installation to Joist

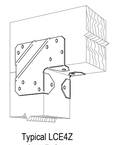
Simpson Strong-Tie AC4



AC



LPCZ



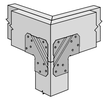
Typical LCE4Z Installation

Model No.	Dimensions (in.)		Fasteners			
	W	L	Nails		SD Screws	
			Beam	Post	Beam	Post
AC4Z	3 9/16	6 1/2	14-16d	14-16d	14-SD #10x1½	14-SD #10x1½
AC6Z	5 1/2	8 1/2	14-16d	14-16d	14-SD #10x1½	14-SD #10x1½
LPC4Z	3 9/16	3 1/2	8-10d	8-10d	8-SD #9x1½	8-SD #9x1½
LPC6Z	5 9/16	5 1/2	8-10d	8-10d	-	-
LCE4Z	-	5 3/8	14-16d	10-16d	14-SD #10x1½	10-SD #10x1½

1. ▭ indicates connector is available in stainless steel. Replace Z in model number with SS when ordering.
2. Refer to current Wood Construction Connectors catalog for additional information.

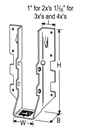
AC, LPC, LCE Post Caps

Installation:
- Install in pairs.
- For LCE4Z installations on mitered corner conditions, refer to www.strongtie.com for more information.

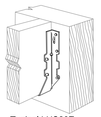


Typical LCE4Z Installation
(Mitered Corner)

LCE4



LUS



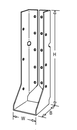
Typical LUS28Z Installation

Installation:
- LUS hangers install with double shear nailing.
- For installations into single 2x headers or ledgers, use the specified full length fasteners into the joist and the following fasteners into the header for reduced loads in accordance with www.strongtie.com:
  - 10d x1½ nails for installations with Nails
  - SD #9x1½ for LUS28Z and LUS210Z installations with SD Screws
  - SD #10x1½ for LUS26-2Z and LUS210-2Z installations with SD Screws

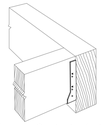
Model No.	Dimensions (in.)			Fasteners			
				Nails		SD Screws	
	W	H	B	Header	Joist	Header	Joist
LUS26Z	1 9/16	4 3/4	1 3/4	4-10d	4-10d	-	-
LUS28Z	1 9/16	6 5/8	1 3/4	6-10d	4-10d	6-SD #9x2½	4-SD #9x2½
LUS210Z	1 9/16	7 13/16	1 3/4	8-10d	4-10d	8-SD #9x2½	4-SD #9x2½
LUS26-2Z	3 1/8	4 7/8	2	4-16d	4-16d	4-SD #10x2½	4-SD #10x2½
LUS210-2Z	3 1/8	9	2	8-16d	6-16d	8-SD #10x2½	6-SD #10x2½

1. ▭ indicates connector is available in stainless steel. Replace Z in model number with SS when ordering.
2. Refer to current Wood Construction Connectors catalog for additional information.

LUS Joist Hangers



LUC



Typical HUC Installation (LUC Similar)

Installation:
- For HUC installations, models have triangle and round holes. To achieve maximum loads, fill both round and triangle holes (fastener quantities listed fill both holes).
- For installations into single 2x headers or ledgers, use the specified full length fasteners into the joist and the following fasteners into the header for reduced loads in accordance with www.strongtie.com:
  - 10d x1½ nails for installations with Nails
  - SD #9x1½ for LUC26Z and LUC210Z installations with SD Screws

Model No.	Dimensions (in.)			Fasteners			
				Nails		SD Screws	
	W	H	B	Header	Joist	Header	Joist
LUC26Z	1 9/16	4 3/4	1 3/4	6-10d	4-10dx1½	6-SD #9x2½	4-SD #9x1½
LUC210Z	1 9/16	7 3/4	1 3/4	10-10d	6-10dx1½	10-SD #9x2½	6-SD #9x1½
HUC26-2Z	3 1/8	5 3/8	2 1/2	12-16d	6-10d	-	-
HUC28-2Z	3 1/8	7	2 1/2	14-16d	6-10d	-	-
HUC210-2Z	3 1/8	8 13/16	2 1/2	18-16d	10-10d	-	-

1. ▭ indicates connector is available in stainless steel. Replace Z in model number with SS when ordering.
2. Refer to current Wood Construction Connectors catalog for additional information.

LUC, HUC Joist Hangers

Windborne Debris per IRC 2018

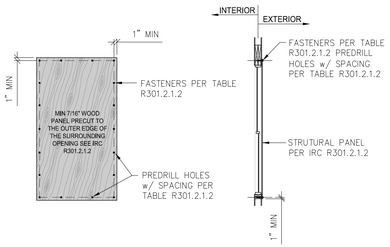
R301.2.1.2 Protection of Openings

Exterior glazing in buildings located in the windborne debris regions shall be protected from windborne debris. Glazed openings protection for windborne debris shall meet the following requirements of the Large Missile Test of ASTM E1996 and ASTM E1886 as modified in Section 301.2.1.2.1 Garage door glazed opening protection for windborne debris shall meet the requirements of an *approved* impact-resisting standard or ANSI/DASMA 115.

Exception: Wood structural panels with a thickness of not less than 7/16" (11mm) and a span of not more than 8 feet (2438 mm) shall be permitted for opening protection. Panels shall be precut and attached to the framing surrounding the opening containing the product with the glazing opening. Panels shall be predrilled as required for the anchorage method and shall be secured with the attachment hardware provided. Attachments shall be designed to resist the components and cladding loads determined in accordance with either Table R301.2(2) or ASCE 7, with the permanent corrosion-resistant attachment hardware and anchors permanently installed on the building. Attachment in accordance with Table R301.2.1.2 is permitted for buildings with a *mean roof height* or 45 feet (13,728 mm) or less where the ultimate design wind speed, Vult, is 180mph (290kph) or less.

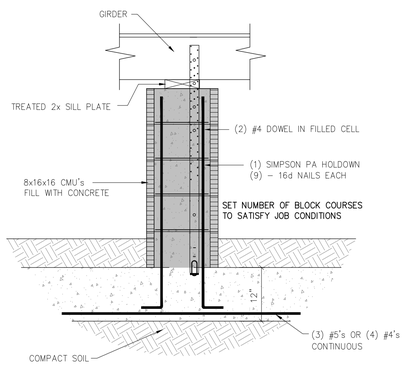
FASTENER TYPE	FASTENER SPACING (inches) [a] [b]		
	Panel span <= 4 feet	4 feet< panel span </= 6 feet	6 feet< panel span </= 8 feet
No. 8 wood-screw-based anchor with 2-inch embedment length	16	10	8
No. 10 wood-screw-based anchor with 2-inch embedment length	16	12	9
¼-inch lag-screw-based anchor with 2-inch embedment length	16	16	16

a. This table is based on 180mph ultimate design wind speeds, Vult, and a 45-foot mean roof height.
b. Fasteners shall be installed at opposing ends of the wood structural panel. Fasteners shall be located not less 1-inch from the edge of the panel.
c. Anchors shall penetrate through the exterior wall covering with an embedment length of not less than 2-inches into the building frame. Fasteners shall be located not less than 2½ inches from the edge of concrete block or concrete.
d. Panels attached to masonry or masonry/stucco shall be attached using vibration-resistant anchors having a ultimate withdrawal capacity of not less than 1,500 pounds.

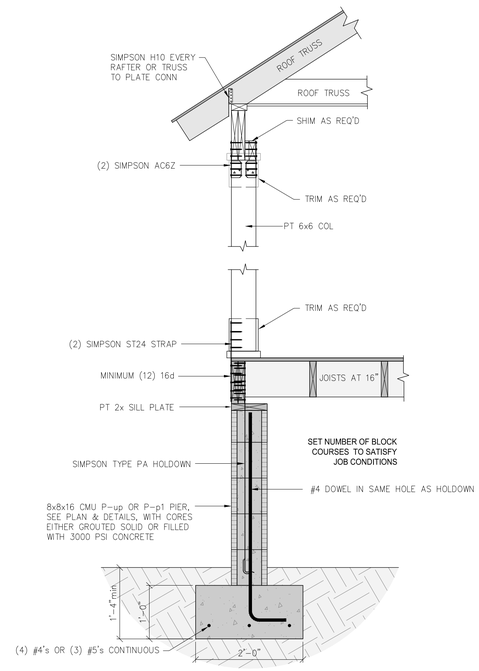


WINDBORNE DEBRIS PROTECTION DETAIL PER IRC R301.2.1.2

SCALE : NTS

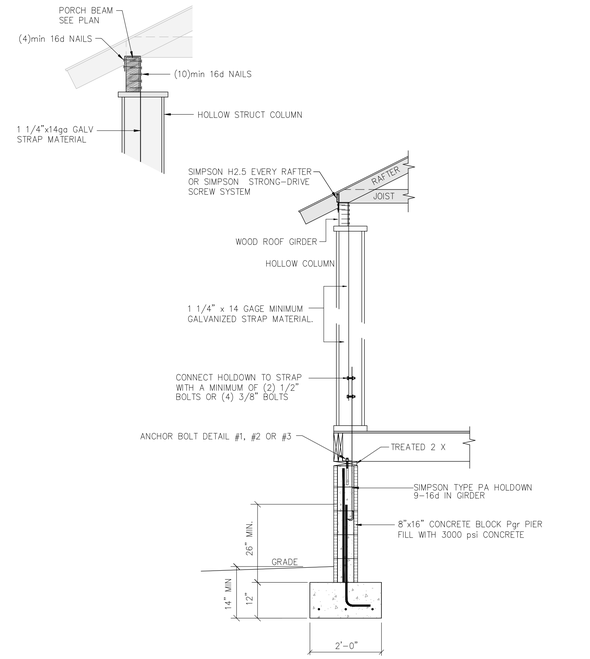


UPLIFT PIER "Pgr"



TYPICAL PORCH COLUMN

SCALE : 3/4" = 1'-0"



TYPICAL PORCH HOLLOW COLUMN OPT.

NOTE

THESE DRAWINGS ARE STRUCTURAL. CAROLINA DESIGN IS NOT RESPONSIBLE FOR WATERPROOFING, DAMP-PROOFING, VENTILATION, OR FLASHING DETAILS.

DESIGN NOTE TO CONTRACTOR/BUILDER

PRIOR TO PERMITTING, CONTRACTOR/BUILDER SHALL REVIEW THESE DRAWINGS/DOCUMENTS. IF THERE ARE ANY CONCERNS AND/OR ALTERNATE FRAMING DETAILS REQUESTED, THE CONTRACTOR/BUILDER SHALL NOTIFY THE ENGINEER FOR CLARIFICATIONS AND/OR REVISIONS TO THESE DRAWINGS/DOCUMENTS. AFTER PERMITS HAVE BEEN ISSUED AND CONSTRUCTIONS HAS BEGUN, ANY MODIFICATIONS DUE TO INCORRECT CONSTRUCTION AND/OR INSTALLATION SHALL BE CONSIDERED A CHANGE ORDER AND THUS SHALL BE BILLED TO THE CONTRACTOR/BUILDER.

PLEASE REVIEW THESE DESIGN DOCUMENTS AND DRAWINGS AND IF THE CONTRACTOR/BUILDER HAS ANY QUESTIONS AND/OR CONCERNS, CONTACT THE ENGINEER FOR CLARIFICATIONS AND/OR REVISION PRIOR TO PERMITTING.

ANCHOR BOLT DETAIL

DETAIL 1

DETAIL 2

DETAIL 3

NOTE TO CONTRACTOR

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO ARCHITECTURAL PLANS PREPARED BY OTHERS. NOTE THAT WALL OPENINGS MAY HAVE BEEN EITHER ELIMINATED OR RELOCATED. ALSO, WALL LOCATIONS AND DIMENSIONS AS WELL AS BUILDING DIMENSIONS MAY HAVE BEEN ALTERED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY DIMENSIONAL CONFORMITY OR NON – CONFORMITY BETWEEN THE TWO SETS OF PLANS. ANY CONCERNS SHOULD BE DISCUSSED AND CLARIFIED WITH THE ENGINEER PRIOR TO CONSTRUCTION. THE ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR ROOF AND FLOOR SYSTEMS DESIGNED BY OTHERS. THIS INCLUDES THE CONNECTION DESIGN FOR THE ROOF AND FLOOR SYSTEMS.

NOTE TO BUILDING OFFICIAL

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO THE ARCHITECTURAL DRAWINGS PREPARED BY Marty Mauldin
PLAN: Alljoy BBRC & Alljoy DC

BUILDING CODE & LOADS

INTERNATIONAL RESIDENTIAL CODE 2021
WIND VELOCITY = 141 mph 3 sec GUST
EXPOSURE B ENCLOSED BUILDING
RISK CATEGORY II ASSUMED SOIL BEARING = 2500psf
SEISMIC DESIGN BASED ON REQUIREMENTS
PRESCRIBED IN THE INTERNATIONAL RESIDENTIAL CODE 2021 FOR STRUCTURES LOCATED IN SEISMIC DESIGN CATAGORY D2

REVISIONS

DESC	DATE	BY
PERMITS / CONSTRUCTION ISSUED FOR	5/9/24	DMM
DM3 MADE BY	DM3	DMM
0 ISSUE	5/9/24	DMM
24113 JOB No.	P.E.	CHK'D BY

DATE 5/9/24 DRAWING No. 24113-S4 REV 0

Alljoy BBRC & Alljoy DC
27 New Orleans Road
Hilton Head Island, SC 29928
SECTIONS, & DETAILS

DRAWN BY D. MURRAY III DATE 5/9/24 JOB No. 24113 SCALE AS SHOWN

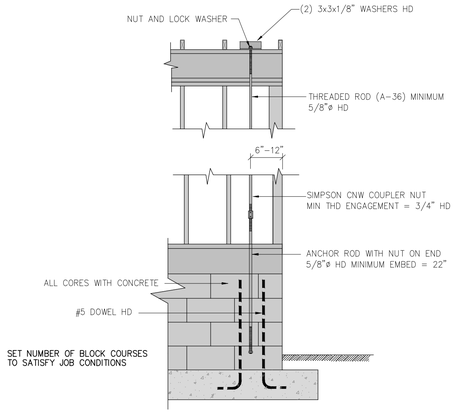
SHEET No. S4

Carolina Design, PC
Consulting Engineers
451A Jessen Lane
Mount Pleasant, SC 29492
(843) 884-0625

SOUTH CAROLINA REGISTERED No. 4368 PROFESSIONAL ENGINEER DAVID MURRAY III

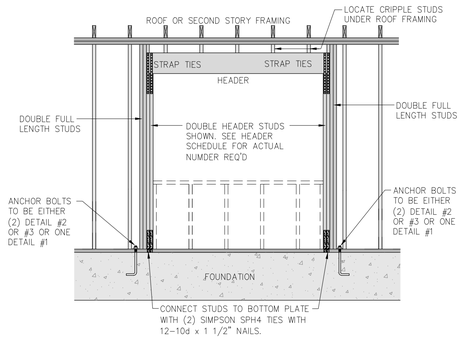
CAROLINA DESIGN & ENGINEERING No. C00370 CERTIFICATE OF AUTHORIZATION

The seal appearing on this document was authorized by David Murray on May 9, 2024 and applies to Revision O

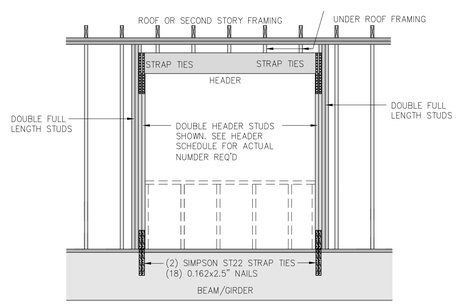


TYPE "HD1" HOLDOWN DETAIL

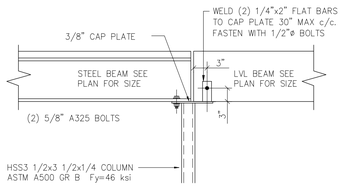
CONTRACTOR MAY USE THE OPTIONAL QUICK-TIE SYSTEM. SEE DETAIL

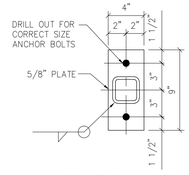


HEADER SCHEDULE				
GROUP II SPECIES FRAMING LUMBER				
CORNER HEADER (ANY PART OF THE HEADER WITHIN 6'-0" OF A CORNER)				
HEADER SPAN	SIZE	HEADER STUDS	STRAP TIES	NAILING
LESS THAN OR = 8'-6"	(2) 2x12	2	(2) SIMPSON ST22	(16) 16d EACH
LESS THAN OR = 7'-0"	(2) 2x10	2	(2) SIMPSON ST18	(14) 16d EACH
LESS THAN OR = 5'-0"	(2) 2x8	2	(2) SIMPSON ST9	(8) 16d EACH
LESS THAN OR = 4'-3"	(2) 2x6	2	(2) SIMPSON ST9	(8) 16d EACH
INTERIOR HEADER				
HEADER SPAN	SIZE	HEADER STUDS	STRAP TIES	NAILING
LESS THAN OR = 8'-6"	(2) 2x12	2	(2) SIMPSON ST18	(14) 16d EACH
LESS THAN OR = 7'-0"	(2) 2x10	2	(2) SIMPSON ST11	(10) 16d EACH
LESS THAN OR = 5'-0"	(2) 2x8	1	(1) SIMPSON ST11	(10) 16d
LESS THAN OR = 4'-3"	(2) 2x6	1	(1) SIMPSON ST11	(10) 16d



HEADER OPENING DETAIL

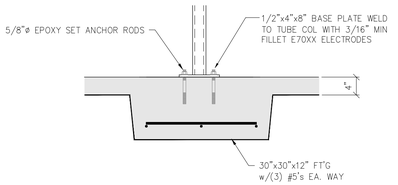




BASE PLATE 5/8" ANCHOR BOLT

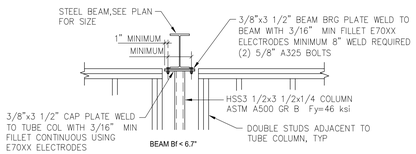
BASE PLATE DETAIL

SCALE : NTS



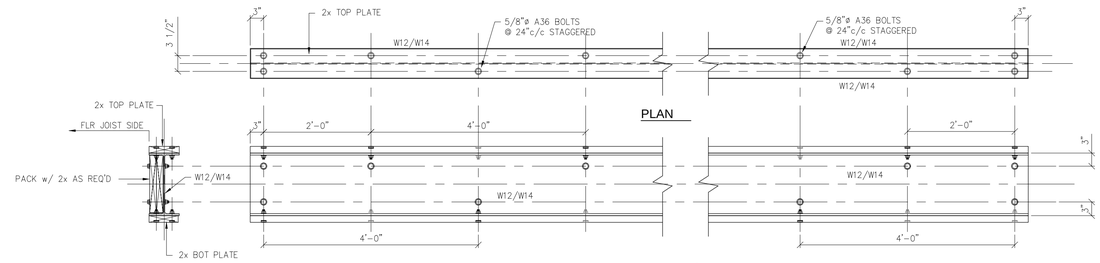
COL / FND DETAIL

SCALE : NTS



COL CAP PLATE/STEEL BM CONN

SCALE : NTS



STEEL BEAM DETAIL

SCALE : 3/4" = 1'-0"

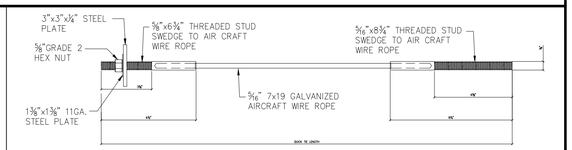
QuickTie System

CONTRACTOR TO CONSULT A QuickTie REP FOR DETAILS & INSTALLATION PROCEEDURES

QTO ORANGE FL13468.3
5/16" WIRE ROPE
5/8" STEEL STUD

ALLOWABLE LOAD:4,455 LBS

TOP PLATE HOLE:	1" DIA
SILL PLATE HOLE:	3/4" DIA
CONCRETE HOLE:	3/4" DIA
MIN EMBEDMENT:	6 5/8"
MIN EDGE DISTANCE:	3"



NOTE

THESE DRAWINGS ARE STRUCTURAL. CAROLINA DESIGN IS NOT RESPONSIBLE FOR WATERPROOFING, DAMP-PROOFING, VENTILATION, OR FLASHING DETAILS.

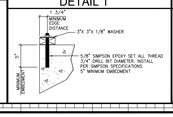
DESIGN NOTE TO CONTRACTOR/BUILDER

PRIOR TO PERMITTING, CONTRACTOR/BUILDER SHALL REVIEW THESE DRAWINGS/DOCUMENTS. IF THERE ARE ANY CONCERNS AND/OR ALTERNATE FRAMING DETAILS REQUESTED, THE CONTRACTOR/BUILDER SHALL NOTIFY THE ENGINEER FOR CLARIFICATIONS AND/OR REVISIONS TO THESE DRAWINGS/DOCUMENTS. AFTER PERMITS HAVE BEEN ISSUED AND CONSTRUCTIONS HAS BEGUN, ANY MODIFICATIONS DUE TO INCORRECT CONSTRUCTION AND/OR INSTALLATION SHALL BE CONSIDERED A CHANGE ORDER AND THUS SHALL BE BILLED TO THE CONTRACTOR/BUILDER.

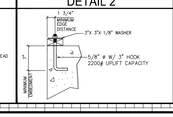
PLEASE REVIEW THESE DESIGN DOCUMENTS AND DRAWINGS AND IF THE CONTRACTOR/BUILDER HAS ANY QUESTIONS AND/OR CONCERNS, CONTACT THE ENGINEER FOR CLARIFICATIONS AND/OR REVISION PRIOR TO PERMITTING.

ANCHOR BOLT DETAIL

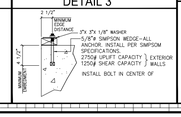
DETAIL 1



DETAIL 2



DETAIL 3



NOTE TO CONTRACTOR

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO ARCHITECTURAL PLANS PREPARED BY OTHERS. NOTE THAT WALL OPENINGS MAY HAVE BEEN EITHER ELIMINATED OR RELOCATED. ALSO, WALL LOCATIONS AND DIMENSIONS AS WELL AS BUILDING DIMENSIONS MAY HAVE BEEN ALTERED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY DIMENSIONAL CONFORMITY OR NON – CONFORMITY BETWEEN THE TWO SETS OF PLANS. ANY CONCERNS SHOULD BE DISCUSSED AND CLARIFIED WITH THE ENGINEER PRIOR TO CONSTRUCTION. THE ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR ROOF AND FLOOR SYSTEMS DESIGNED BY OTHERS. THIS INCLUDES THE CONNECTION DESIGN FOR THE ROOF AND FLOOR SYSTEMS.

NOTE TO BUILDING OFFICIAL

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO THE ARCHITECTURAL DRAWINGS PREPARED BY Marty Mauldin
PLAN: Alljoy BBRC & Alljoy DC

BUILDING CODE & LOADS

INTERNATIONAL RESIDENTIAL CODE 2021
WIND VELOCITY = 141 mph 3 sec GUST
EXPOSURE B ENCLOSED BUILDING
RISK CATEGORY II ASSUMED SOIL BEARING = 2500psf
SIESMIC DESIGN BASED ON REQUIREMENTS
PRESCRIBED IN THE INTERNATIONAL RESIDENTIAL CODE 2021 FOR STRUCTURES LOCATED IN SEISMIC DESIGN CATAGORY D2

The seal appearing on this document was authorized by David Murray on May 9, 2024 and applies to Revision O

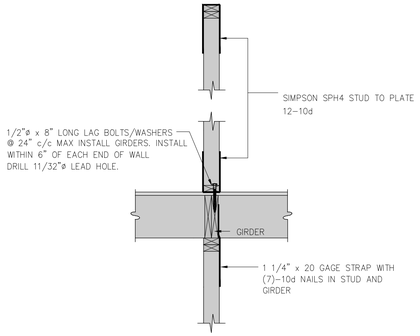
Carolina Design, PC
Consulting Engineers
451A Jessen Lane
Mount Pleasant, SC 29464
(843) 884-0525

REVISIONS				
DMM	5/9/24	0	PERMITS / CONSTRUCTION	
P.E.	DATE	ISSUE	ISSUED FOR	
DM3			DMM	
MADE BY			CHK'D BY	

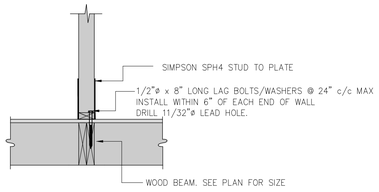
Alljoy BBRC & Alljoy DC
27 New Orleans Road
Hilton Head Island, SC 29928
SECTIONS, & DETAILS

DRAWN BY	D. MURRAY III	DATE	5/9/24
SCALE	AS SHOWN	JOB No.	24113
		DRAWING No.	24113-S5
		CHK'D BY	DMM
		DATE	5/9/24
		REV'D	0

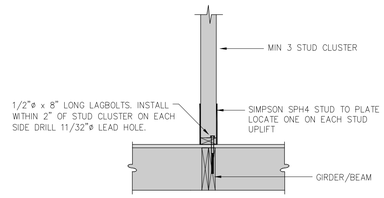
SHEET No. S5



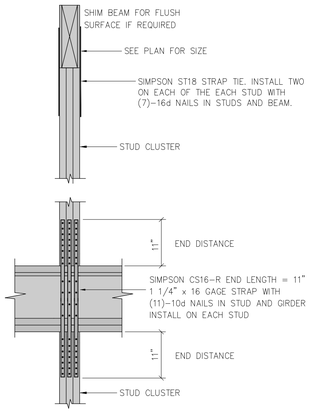
LB WALL w/UPLIFT TO LB WALL w/UPLIFT



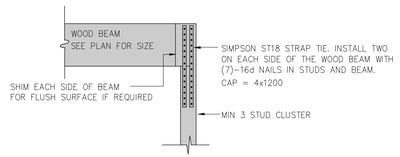
LOAD BEARING WALL TO BEAM



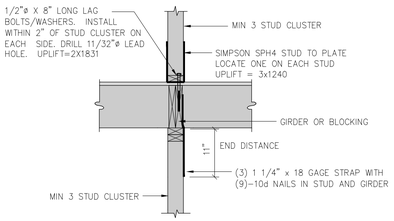
STUD CLUSTER / WOOD BEAM W/UPLIFT



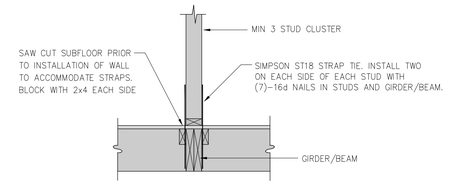
FRAMING DETAIL NOTE:
CONTRACTOR SHALL USE THE FRAMING DETAILS WHEN THESE SITUATIONS OCCUR. IF THERE IS AN ALTERNATE CONNECTION DESIRED, CONTRACTOR SHALL CONTACT THE ENGINEER FOR APPROVAL, *PRIOR TO CONSTRUCTION*. IF THERE IS A SITUATION THAT IS NOT DETAILED, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION.



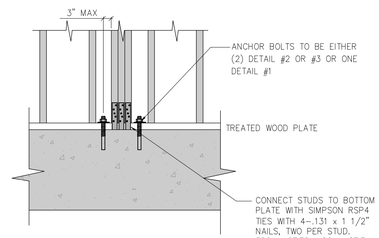
WOOD BEAM/STUD CLUSTER W/UPLIFT



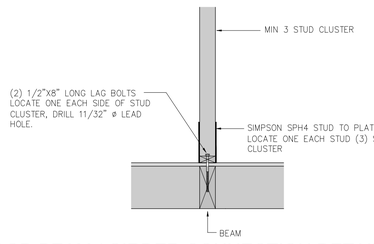
STUD CLUSTER / STUD CLUSTER



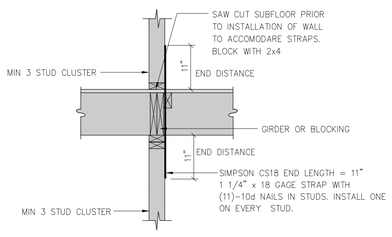
ALT. STUD CLUSTER / WOOD BEAM W/UPLIFT



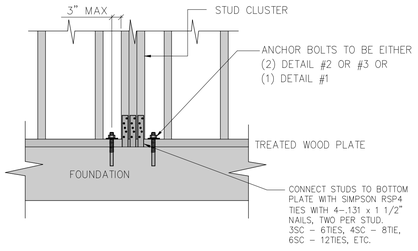
ROOF BEAM TO FOUNDATION



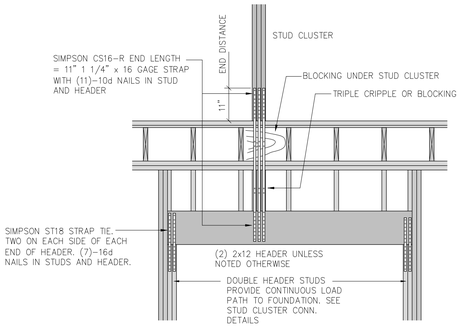
WOOD BEAM / GIRDER CONNECTION DETAIL



ALT. STUD CLUSTER / STUD CLUSTER

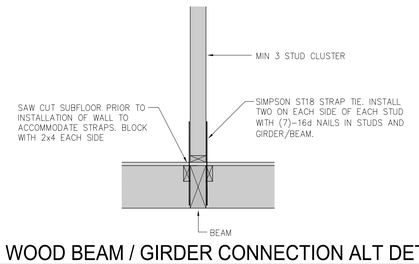


STUD CLUSTER TO FOUNDATION

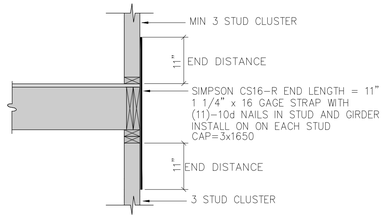


HDR DETAIL

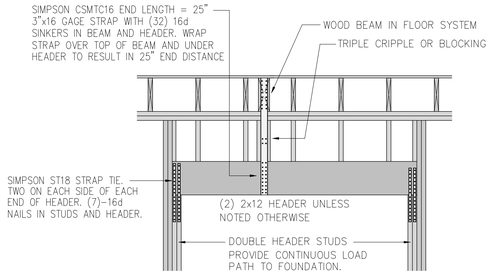
STUD CLUSTER / HEADER CONN.



ALT. WOOD BEAM / GIRDER CONNECTION ALT DETAIL



SC / SC / EXTERIOR WALL



HDR-2 DETAIL
BEAM W/UPLIFT / HEADER CONNECTION

The seal appearing on this document was authorized by David Murray on May 9, 2024 and applies to Revision O

NOTE
THESE DRAWINGS ARE STRUCTURAL. CAROLINA DESIGN IS NOT RESPONSIBLE FOR WATERPROOFING, DAMP-PROOFING, VENTILATION, OR FLASHING DETAILS.

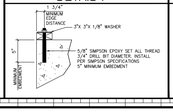
DESIGN NOTE TO CONTRACTOR/BUILDER

PRIOR TO PERMITTING, CONTRACTOR/BUILDER SHALL REVIEW THESE DRAWINGS/DOCUMENTS. IF THERE ARE ANY CONCERNS AND/OR ALTERNATE FRAMING DETAILS REQUESTED, THE CONTRACTOR/BUILDER SHALL NOTIFY THE ENGINEER FOR CLARIFICATIONS AND/OR REVISIONS TO THESE DRAWINGS/DOCUMENTS. AFTER PERMITS HAVE BEEN ISSUED AND CONSTRUCTIONS HAS BEGUN, ANY MODIFICATIONS DUE TO INCORRECT CONSTRUCTION AND/OR INSTALLATION SHALL BE CONSIDERED A CHANGE ORDER AND THUS SHALL BE BILLED TO THE CONTRACTOR/BUILDER.

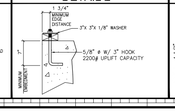
PLEASE REVIEW THESE DESIGN DOCUMENTS AND DRAWINGS AND IF THE CONTRACTOR/BUILDER HAS ANY QUESTIONS AND/OR CONCERNS, CONTACT THE ENGINEER FOR CLARIFICATIONS AND/OR REVISION PRIOR TO PERMITTING.

ANCHOR BOLT DETAIL

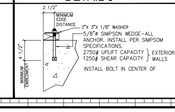
DETAIL 1



DETAIL 2



DETAIL 3



NOTE TO CONTRACTOR

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO ARCHITECTURAL PLANS PREPARED BY OTHERS. NOTE THAT WALL OPENINGS MAY HAVE BEEN EITHER ELIMINATED OR RELOCATED. ALSO, WALL LOCATIONS AND DIMENSIONS AS WELL AS BUILDING DIMENSIONS MAY HAVE BEEN ALTERED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY DIMENSIONAL CONFORMITY OR NON – CONFORMITY BETWEEN THE TWO SETS OF PLANS. ANY CONCERNS SHOULD BE DISCUSSED AND CLARIFIED WITH THE ENGINEER PRIOR TO CONSTRUCTION. THE ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR ROOF AND FLOOR SYSTEMS DESIGNED BY OTHERS. THIS INCLUDES THE CONNECTION DESIGN FOR THE ROOF AND FLOOR SYSTEMS.

NOTE TO BUILDING OFFICIAL

THESE PLANS AND SPECIFICATIONS ARE TO BE USED AS A SUPPLEMENT TO THE ARCHITECTURAL DRAWINGS PREPARED BY Marty Mauldin
PLAN: Alljoy BBRC & Alljoy DC

BUILDING CODE & LOADS

INTERNATIONAL RESIDENTIAL CODE 2021
WIND VELOCITY = 141 mph 3 sec GUST
EXPOSURE B ENCLOSED BUILDING
RISK CATEGORY II ASSUMED SOIL BEARING = 2500psf
SIESMIC DESIGN BASED ON REQUIREMENTS
PRESCRIBED IN THE INTERNATIONAL RESIDENTIAL CODE 2021 FOR STRUCTURES LOCATED IN SEISMIC DESIGN CATAGORY D2

REVISIONS

REV	DATE	ISSUE	BY	CHK'D BY	DESCRIPTION
0	5/9/24	ISSUE	DM3	DMM	PERMITS / CONSTRUCTION ISSUED FOR

Alljoy BBRC & Alljoy DC
27 New Orleans Road
Hilton Head Island, SC 29928
DETAILS

DRAWN BY D. MURRAY III | DATE 5/9/24 | JOB No. 24113 | SCALE AS SHOWN | CHK'D BY DMM | DATE 5/9/24 | DRAWING No. 24113-S6 | REV 0

SHEET No. S6

Carolina Design, PC
Consulting Engineers
451A Jessen Lane
Mount Pleasant, SC 29492
(843) 884-0525

STATE OF MARYLAND
DEPARTMENT OF NATURAL RESOURCES
FOREST SERVICE

Certificate of Registration
as a
Licensed Tree Expert

This is to certify that

James Louis Yirka III

ARBORCARE TREE EXPERTS, INC.

Post Office Box 517

Manchester, MD 21102

having met the requirements in the Maryland Code is hereby Licensed and qualified to practice as a tree expert and to engage in the business of the treatment and care of trees in the state of Maryland.

License **000626**

Issued this Nineth day of January 2023

This license expires December 31, 2024 and is renewable yearly thereafter upon payment of the proper fee, or revoked by the Department for non-compliance with the terms of the Tree Expert Law.

Kenneth Jolly
Director/State Forester

27 NEW ORLEANS ROAD

July 9, 2024
Total Pervious Surface Area: .21 AC
Total ACI: 607.05

PRE DEVELOPMENT TREE TALLY **(NON BUFFER)** **(BUFFER)**

CATEGORY 1	CATEGORY 2	CATEGORY 3
LO 57, 26	WO 9	PN 14
MAG 7	GUM 21	PN 11
	GUM 25	PN 23
	WO 8	PN 20
	GUM 11	PN 8
	WO 9	PN 17
	WO 13	PN 8
	HIC 10,9	PN 22, 17
	GUM 16	PN 29
	WO 16	PN 15
	WO 9	PN 19
	WO 9	PN 12
	WO 8	PN 15
	WO 16,13,8	PN 16
	WO 6	PN 26
	WO 12	PN 11
	GUM 17	PN 18
	WO 8	PN 22
	WO 17	PN 14
	GUM 16	PN 19
	WO 12	PN 11
	HIC 16	PN 14
	GUM 9	PN 22
TREE TOTAL	TREE TOTAL	TREE TOTAL
2	23	23
TOTAL DBI	TOTAL DBI	TOTAL DBI
90 INCHES	323 INCHES	393 INCHES

CATEGORY 1	CATEGORY 2	CATEGORY 3
	MAP 12	PN 10
	WO 15	PN 21
	WO 8	
	WO 15	
	GUM 19	
	WO 8	
		PN 9
TREE TOTAL	TREE TOTAL	TREE TOTAL
0	6	3
TOTAL DBI	TOTAL DBI	TOTAL DBI
0 INCHES	77 INCHES	40 INCHES

27 NEW ORLEANS ROAD

July 9, 2024
Total Pervious Surface Area: .21 AC
Total ACI: 313.50

POST DEVELOPMENT TREE TALLY **(NON BUFFER)** **(BUFFER)**

CATEGORY 1	CATEGORY 2	CATEGORY 3
LO 57, 26	WO 9	
	GUM 21	
	WO 8	
		PN 20
	WO 9	PN 8
		PN 17
		PN 15
		PN 19
		PN 12
	WO 8	PN 15
	WO 12	
	GUM 17	
		PN 22
	WO 17	PN 14
		PN 19
	WO 12	
	HIC 16	
	GUM 9	
TREE TOTAL	TREE TOTAL	TREE TOTAL
1	11	10
TOTAL DBI	TOTAL DBI	TOTAL DBI
83 INCHES	138 INCHES	161 INCHES

CATEGORY 1	CATEGORY 2	CATEGORY 3
	WO 15	
		PN 21
	GUM 19	PN 9
	WO 8	
TREE TOTAL	TREE TOTAL	TREE TOTAL
0	3	2
TOTAL DBI	TOTAL DBI	TOTAL DBI
0 INCHES	42 INCHES	30 INCHES

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: 27 New Orleans Road DRB#: DRB-000928-2024

DATE: 7/23/2024 CATEGORY: Final Review

RECOMMENDATION: Approval ☐ Approval with Conditions ☒ Denial ☐

APPLICATION MATERIAL

DRB REQUIREMENTS	Complies Yes	No	Not Applicable	Comments or Conditions
Demolition Plan if needed	☐	☐	☒	
Existing Conditions match As-Built	☒	☐	☐	
Dimensioned Details and of Sections	☒	☐	☐	
Detail Illustrating Connection to Existing Structure	☐	☐	☒	
New Building Details Match Existing Building Details	☐	☐	☒	

ARCHITECTURAL DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Structure is designed to be appropriate to the neighborhood	☒	☐	☐	
Promotes pedestrian scale and circulation	☒	☐	☐	
Design is unobtrusive and set into the natural environment	☒	☐	☐	
Utilizes natural materials and colors	☒	☐	☐	
Avoids distinctive vernacular styles	☒	☐	☐	
Design is appropriate for its use	☒	☐	☐	
All facades shall have equal design characteristics	☒	☐	☐	

Avoids monotonous planes or unrelieved repetition	☒	☐	☐	
Has a strong roof form with enough variety to provide visual interest	☒	☐	☐	
Overhangs are sufficient for the façade height.	☒	☐	☐	
Forms an details are sufficient to reduce the mass of the structure	☒	☐	☐	
Human scale is achieved by the use of proper proportions and architectural elements	☒	☐	☐	
Utilizes a variety of materials, textures and colors	☒	☐	☐	
Incorporates wood or wood simulating materials	☒	☐	☐	
Windows are in proportion to the facade	☒	☐	☐	
Details are clean, simple and appropriate while avoiding excessive ornamentation	☒	☐	☐	
Utilities and equipment are concealed from view	☒	☐	☐	
Decorative lighting is limited and low wattage and adds to the visual character	☒	☐	☐	
Accessory elements are designed to coordinate with the primary structure	☒	☐	☐	

LANDSCAPE DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Treats the Landscape as a major element of the project	☒	☐	☐	
Provides Landscaping of a scope and size that is in proportion to the scale of the development	☒	☐	☐	
Landscape is designed so that it may be maintained in its natural shape and size	☒	☐	☐	
Preserves a variety of existing native trees and shrubs	☒	☐	☐	
Provides for a harmonious setting for the site's structures, parking areas or other construction	☒	☐	☐	
Location of existing trees and new trees provides street buffers, mitigation for parking lots, and an architectural complement that visually mitigates between parking lots and building(s)	☒	☐	☐	
Shrubs are selected to complement the natural setting, provide visual interest and screen less-desirable elements of the project	☒	☐	☐	
A variety of species is selected for texture and color	☒	☐	☐	
Provides overall order and continuity of the Landscape plan	☒	☐	☐	

Native plants or plants that have historically been prevalent on the Island are utilized	☒	☐	☐	
A variety of sizes is selected to create a "layered" appearance for visual interest and a sense of depth	☒	☐	☐	
The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots	☒	☐	☐	
Proper spacing and location for plants to reach their mature size and natural shape while avoiding excessive or unnatural pruning	☒	☐	☐	
Proposed groundcovers are evergreen species with low maintenance needs	☒	☐	☐	
Large, grassed lawn areas encompassing a major portion of the site are avoided	☒	☐	☐	
The adjacent development is taken into account in determining the most appropriate buffer so as not to depart too dramatically from the neighborhood	☒	☐	☐	
Ornamentals and Annuals are limited to entrances and other focal points	☒	☐	☐	

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	☒	☐	☐	
Supplemental and replacement trees meet LMO requirements for size, species and number	☐	☐	☒	
Wetlands if present are avoided and the required buffers are maintained	☐	☐	☒	
Sand dunes if present are not disturbed	☐	☐	☒	

COMMENTS & CONDITIONS

1. Staff recommends approval with the condition that the applicant adheres to the conditions set forth on March 12, 2024.
2. This project will require a Building Permit prior to construction and a Major Development Plan approval. Please email CDIC@hiltonheadislandsc.gov following this approval.
3. Staff recommends modifying the utility plan to keep the Significant Pine tree.

4. Conceptual Review was approved with conditions on March 12, 2024.
    a. Add all required buffers to landscaping plan and bolster plantings for the side of the property that is adjacent to residential use.
    b. Consider a mesh fence for the entrance gate of the facility to screen.

c. Add some landscaping to the west property side to better screen the existing shipping containers.
d. Provide cut sheets on the light fixture selection.
e. Provide a detailed color and material board for Final Submission.
f. Garage doors to be a proposed darker color to the match the roof.

75 MATTHEWS DRIVE
SIGN SYSTEM FINAL REVIEW
July 23, 2024
DRB-000955-2024

Sea Pines

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: Donna Foster Company: Hilton Displays LLC
Mailing Address: 125 Hillside Dr City: Greenville State: SC Zip: 29607
Telephone: 864-430-9595 Fax: 864.242.2204 E-mail: donnafoster@hiltondisplays.com
Project Name: Wells Fargo Project Address: 1 Greenwood Dr.
Parcel Number [PIN]: R552 015 000 0269 0000
Zoning District: _____ Overlay District(s): Major Corridor

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
X Final Approval – Proposed Development
_____ Alteration/Addition
_____ 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.

$175 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**

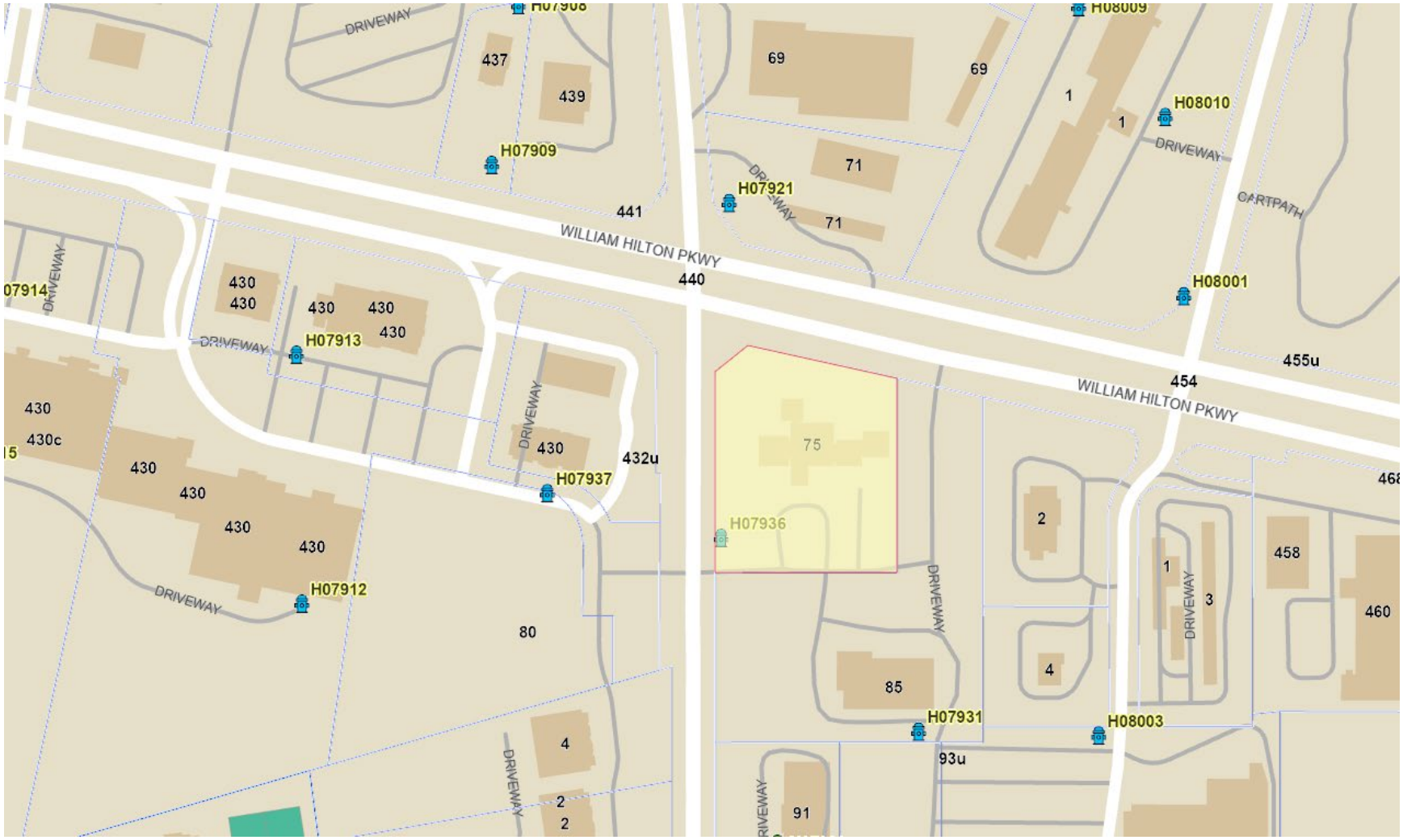
To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property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

Donna C Foster
SIGNATURE

6/24/24
DATE

75 MATTHEWS DRIVE
WELLS FARGO SIGN SYSTEM
LOCATION MAP



75 Matthews Drive – Wells Fargo

75 MATTHEWS DRIVE WELLS FARGO SIGN SYSTEM REVISED BASED ON CONDITIONS AT THE JULY 9, 2024 DESIGN REVIEW BOARD MEETING

Wells Fargo Signs Final Review:

1. **75 Matthews Drive:**
    1. **Conditions:**
        1. Option 2 – Glidden Drum Beat face with the Dover White side
            - Revised drawings removes “white” channel letter face option. Good to go with Glidden Drum Beat channel letter faces with Dover White returns/sides. Updated rendering to show halo-lit signs with “warm” LED color and maximum lumen count.
        2. Only the building mounted and monument sign mounted that was included in the packet is approved for this submission.
            - Revised drawings attached include rendering for all wayfinding/directional signage along with drawings for Drive Thru flat panel signs.
        3. Addressing per Fire will be required.
            - Address number added to top of monument per Fire Marshall requirement.
        4. The clearance sign as well as the monument sign needs to come back with all the wayfinding, parking signage that was not included in the July 9, 2024, package.
            - Colors of directionals and Drive Thru flat panels revised to gray to match existing earth tone of previous signs.

2. **1 Greenwood Drive:**
    1. **Conditions:**
        5. Option 2 – Glidden Drum Beat face with the Dover White side
            - Revised drawings removes “white” channel letter face option. Good to go with Glidden Drum Beat channel letter faces with Dover White returns/sides. Updated rendering to show “warm” LED color and maximum lumen count for wall sign E03.
        6. Only the building mounted and monument sign mounted that was included in the packet is approved for this submission.
            - Revised drawings attached include rendering for all wayfinding/directional signage along with drawings for Drive Thru flat panel signs.
        7. Addressing per Fire will be required.
            - Address number added to top of monument per Fire Marshall requirement.
        8. The clearance sign as well as the monument sign needs to come back with all the wayfinding, parking signage that was not included in the July 9, 2024, package.
            - Colors of directionals and Drive Thru flat panels revised to gray to match existing earth tone of previous signs.

75 MATTHEWS DRIVE - WELLS FARGO SIGN SYSTEM PLAN SET

WELLS FARGO

BE # 142521
North Island

75 Matthews Drive
Hilton Head Island, SC 29926
07-15-24

Brand Book Approval

LL Required Change(s)

Permit Change(s)

PROPOSED

SIGN LEGEND

SIGN #	EXISTING SIGN	SF	RECOMMENDED SIGN	SF	QTY
E01	MONUMENT	6.5	WFR2-RCPL-H-9	6.1	2
E02	MONUMENT	6.5	WFR2-RCPL-H-9	6.1	2
E03	CHANNEL LETTERS	17.8	WFR2-RRCH-H-16	19.3	1
E04	CHANNEL LETTERS	17.8	WFR2-RRCH-H-16	19.3	1
E05	CHANNEL LETTERS	17.8	WFR2-RRCH-H-16	19.3	1
E06	CHANNEL LETTERS	17.8	WFR2-RRCH-H-16	19.3	1
E07	DIRECTIONAL		WFR2-EW-DS-PM-28-48		1
E08	HANDICAP PARKING		WFR2-EW-RS-PS-PM-16-60		1
E09	HANDICAP PARKING		WFR2-EW-RS-PS-PM-16-60		1
E10	HANDICAP PARKING		WFR2-EW-RS-PS-PM-16-60		1
E11	HANDICAP PARKING		WFR2-EW-RS-PS-PM-16-60		1
E12	DOOR VINYL		WFR2-WE-G-FLX (By Miller Zell)		1
E13	DOOR VINYL		WFR2-WE-DI-G-FLX (By Miller Zell)		1
E14	TELLER WINDOW		WFR2-DU-WP		1
E15	FDIC		WFR2-DU-WG		4
NE16	NONE		WFR2-EW-OS-LG Clearance		4
NE17	NONE		WFR2-EW-OS-LG Do Not Enter		1
E18	ATM		LEAVE AS IS		1
E19	ATM		LEAVE AS IS		1
E20	PREMIER SIGN		LEAVE AS IS		1

N.T.S.

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		2

CODE & BRANDING UTILIZATION

Ground Signs	Allowed by Code	Currently Installed	Current % Utilized	Proposed	Proposed % Utilized	Δ (%Delta)
Height (ft.):	6	5.5	91.67%	5.5	91.67%	0.00%
Number:	2	2	100.00/%	2	100.00%	0.00%
Square Footage (ft.):	40	40	100.00%	40	100.00%	0.00%

Wall Signs	Allowed by Code	Currently Installed	Current % Utilized	Proposed	Proposed % Utilized	Δ (%Delta)
Height (ft.):	2	1.26	63.00%	1.33	66.50%	5.56%
Number:	4	4	100.00%	3	100.00%	0.00%
Square Footage (ft.):	40	17.8	44.50%	19.3	48.25%	8.43%

Total Signage	Allowed by Code	Currently Installed	Current % Utilized	Proposed	Proposed % Utilized	Δ (% Delta)
Number:	6	6	100.00%	6	100.00%	0.00%
Square Footage (ft.):	80	57.8	72.25%	59.3	74.13%	2.60%

% Delta is calculated: proposed signage / current signage

Ground Signs

Existing: 2

New: 0 **Removed:** 0

Net Total: 2

Wind Load: 141 mph

Disclaimer: For wind-speeds in specific regions of the country it may be necessary to have engineered drawings completed at an additional charge.

Wall Signs

Existing: 4

New: 0 **Removed:** 0

Net Total: 4

All Secondary Signs

Existing: 0

New: 0 **Removed:** 0

Net Total: 0

Additional Code Information

Directional Information:	**Height Allowed:** 60"	**Number Allowed:** Determined at Site Plan Review	
Window Signage Count Against Sq. Ft.:	**Yes/No:** No	**% of Window Allowed to be Used.:** 25%	
Set Back Restrictions:	**Ground Sign:** 20 ft (Can be Reduced per Review)	**Directional:** N/A	
Permit Information:	**Contact:** Planner 843-341-4600	**Cost:** Varies	
Other:	**Cost to Renew:** N/A	**Expiration Date:** 180 Days	**Sq. Ft. Allowed:** See Comments

Branding Rationale / Comments

Based on total square footage of gross floor area, no single sign shall exceed 40 SF. Total size of all signs/faces can not exceed 160 SF total. Recommendation on going like for like on plate letters on monument and increase slightly on building signs. Internally illuminated signage are not permitted. Street and building signs must be externally illuminated.

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		3

E01 **SIGNTYPE** **WFR2-RCPL-H-9 (Qty 2)**

EXISTING

Glidden Drum Beat #A0279

SW 6385 Dover White

PROPOSED

CUSTOM COMMENTS:
"PER CODE INTERNALLY ILLUMINATED SIGNAGE IS NOT PERMITTED; STREET AND BUILDING SIGNS MUST BE EXTERNALLY ILLUMINATED"

NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		4

E02 **SIGNTYPE** **WFR2-RCPL-H-9 (Qty 2)**

EXISTING

PROPOSED

Glidden Drum Beat #A0279

SW 6385 Dover White

CUSTOM COMMENTS:
"PER CODE INTERNALLY ILLUMINATED SIGNAGE IS NOT PERMITTED; STREET AND BUILDING SIGNS MUST BE EXTERNALLY ILLUMINATED"

NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		5

E03 **SIGNTYPE** **WFR2-RRCH-HI-H-16**

EXISTING

Glidden Drum Beat #A0279

SW 6385 Dover White

PROPOSED

NIGHT VIEW

CUSTOM COMMENTS:
"PER CODE INTERNALLY ILLUMINATED SIGNAGE IS NOT PERMITTED; STREET AND BUILDING SIGNS MUST BE EXTERNALLY ILLUMINATED"

NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

Illumination:
Max Lumen Count: 2700
Color/Temperature: 3000K / Warm White

WELLS FARGO

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		6

E04 **SIGNTYPE** **WFR2-RRCH-H-16**

EXISTING

Glidden Drum Beat #A0279

SW 6385 Dover White

PROPOSED

NIGHT VIEW

CUSTOM COMMENTS:
"PER CODE INTERNALLY ILLUMINATED SIGNAGE IS NOT PERMITTED; STREET AND BUILDING SIGNS MUST BE EXTERNALLY ILLUMINATED"

NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

Illumination:
Max Lumen Count: 2700
Color/Temperature: 3000K / Warm White

WELLS FARGO

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

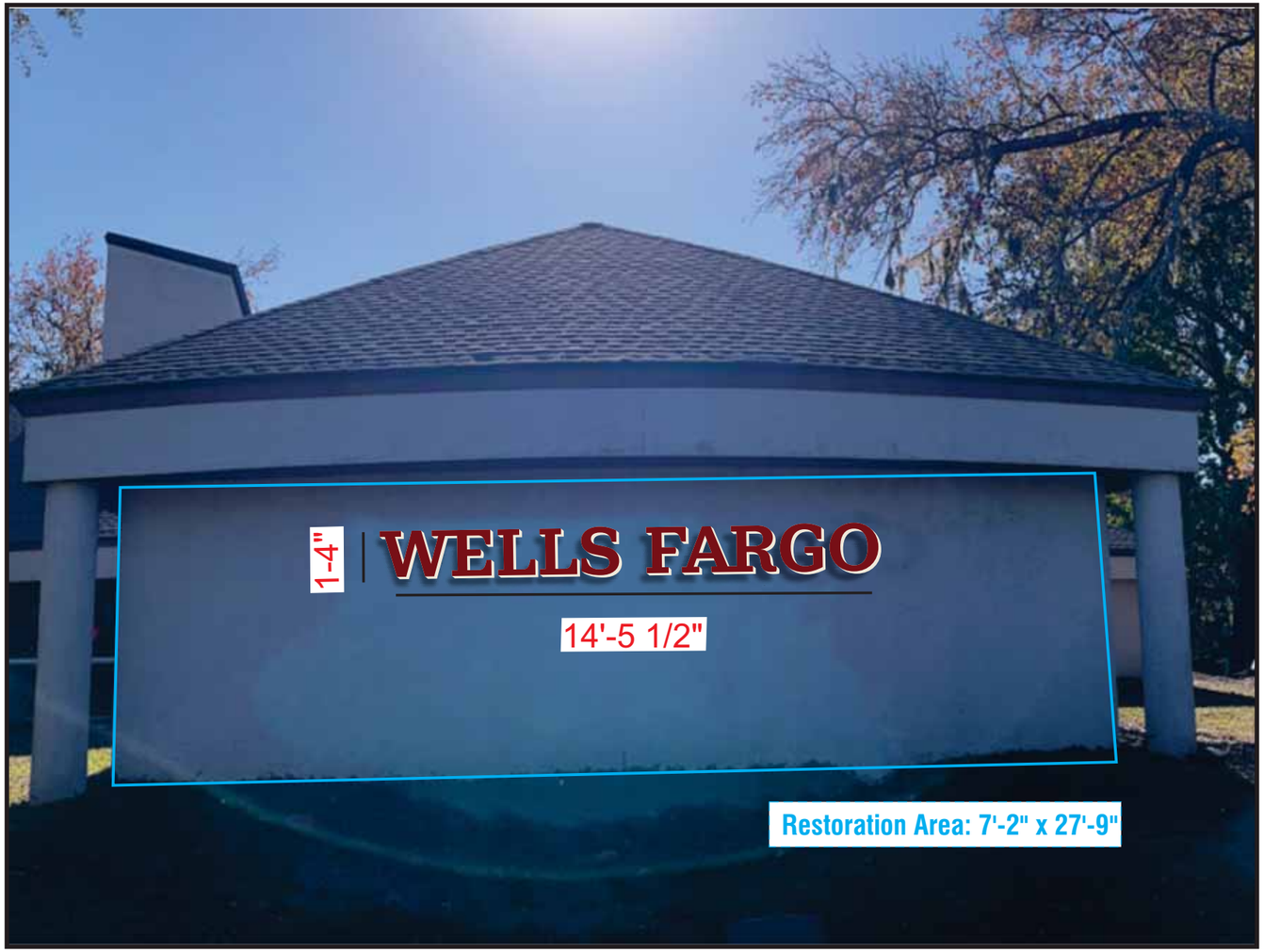
JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		7

E05 **SIGNTYPE** **WFR2-RRCH-H-16**

EXISTING

Glidden Drum Beat #A0279

SW 6385 Dover White



PROPOSED

NIGHT VIEW

Illumination:
Max Lumen Count: 2700
Color/Temperature: 3000K / Warm White

WELLS FARGO

CUSTOM COMMENTS:
"PER CODE INTERNALLY ILLUMINATED SIGNAGE IS NOT PERMITTED; STREET AND BUILDING SIGNS MUST BE EXTERNALLY ILLUMINATED"

NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		8

E06 **SIGNTYPE** **WFR2-RRCH-H-16**

EXISTING

Glidden Drum Beat #A0279

SW 6385 Dover White

PROPOSED

NIGHT VIEW

CUSTOM COMMENTS:
"PER CODE INTERNALLY ILLUMINATED SIGNAGE IS NOT PERMITTED; STREET AND BUILDING SIGNS MUST BE EXTERNALLY ILLUMINATED"

NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

Illumination:
Max Lumen Count: 2700
Color/Temperature: 3000K / Warm White

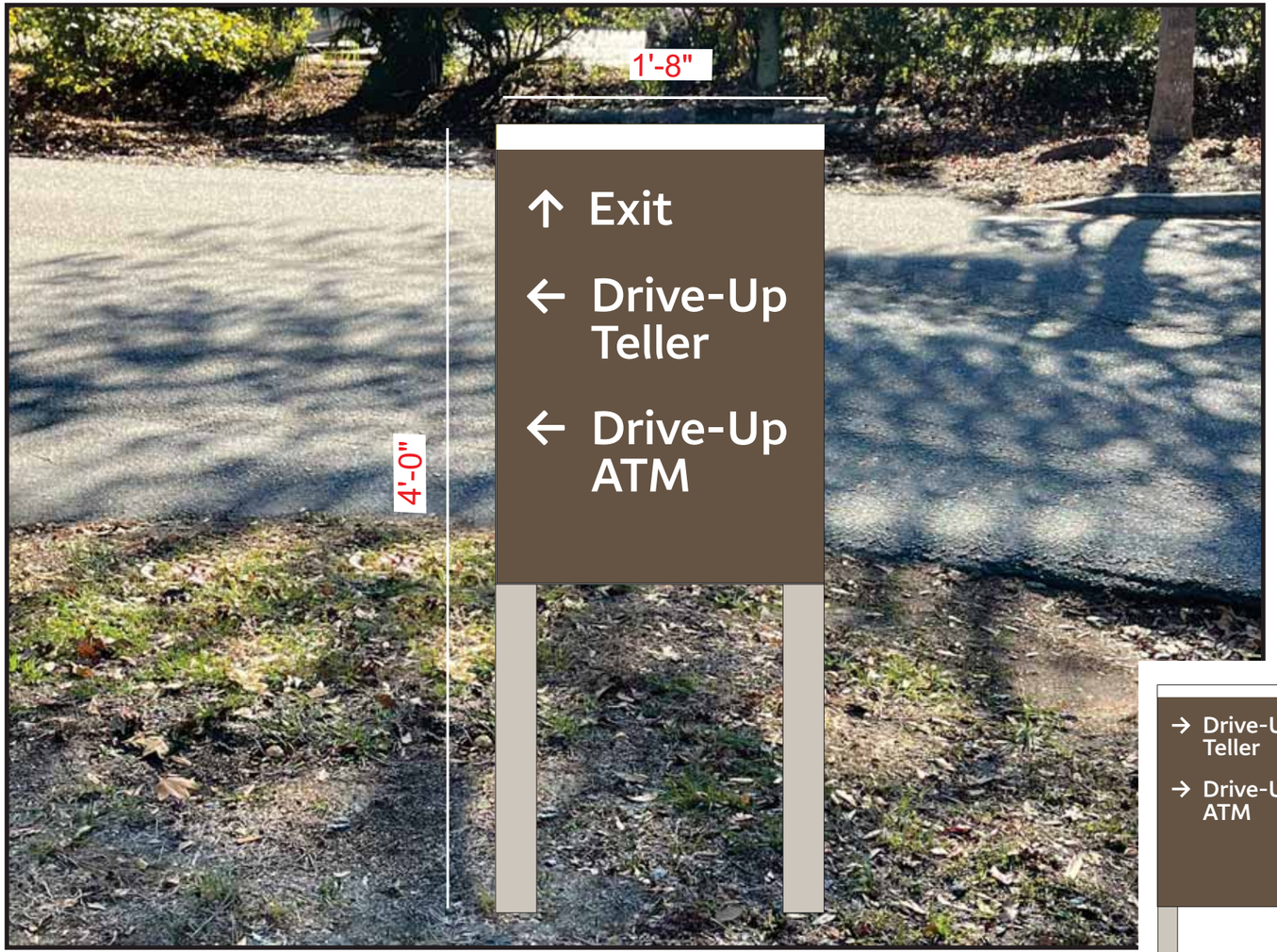
WELLS FARGO

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		9

E07 **SIGNTYPE** **WFR2-EW-DS-PM-28-48**

EXISTING



PROPOSED

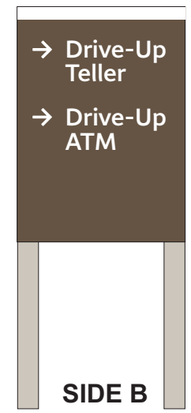
COLOR LEGEND

P3	Paint		Light Bronze with Clearcoat, Semi Gloss,
	Option 1		Matthews Paint MP75296
	Option 2		Akzo Nobel SIGN90722
P5	Paint		Warm Gray with Clearcoat, Semi Gloss,
	Option 1		Matthews Paint MP20148
	Option 2		Akzo Nobel SIGN91139

MATERIALS LEGEND

M2	Material	Aluminum
V13	Vinyl	White, Opaque, Gray Adhesive 3M Controltac 180-10

SIDE B



SIDE B

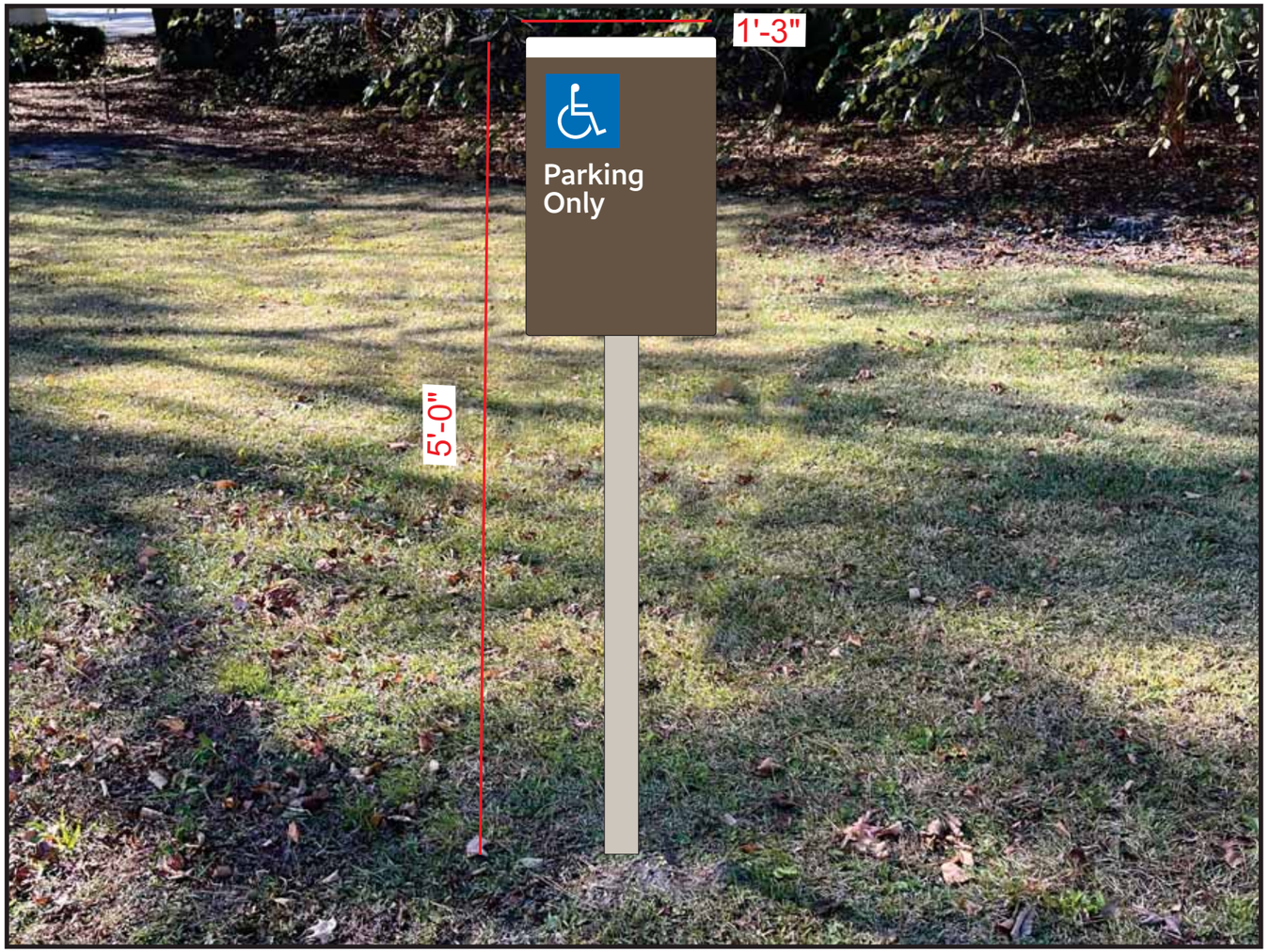
CUSTOM COMMENTS:
NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		10

E08 **SIGNTYPE** **WFR2-EW-RS-PS-PM-16-60**

EXISTING



PROPOSED

COLOR LEGEND

P3 Paint — Light Bronze with Clearcoat, Semi Gloss,
Option 1 Matthews Paint MP75296
Option 2 Akzo Nobel SIGN90722

P5 Paint — Warm Gray with Clearcoat, Semi Gloss,
Option 1 Matthews Paint MP20148
Option 2 Akzo Nobel SIGN91139

MATERIALS LEGEND

M2 Material Aluminum

V13 Vinyl — White, Opaque, Gray Adhesive
3M Controltac 180-10

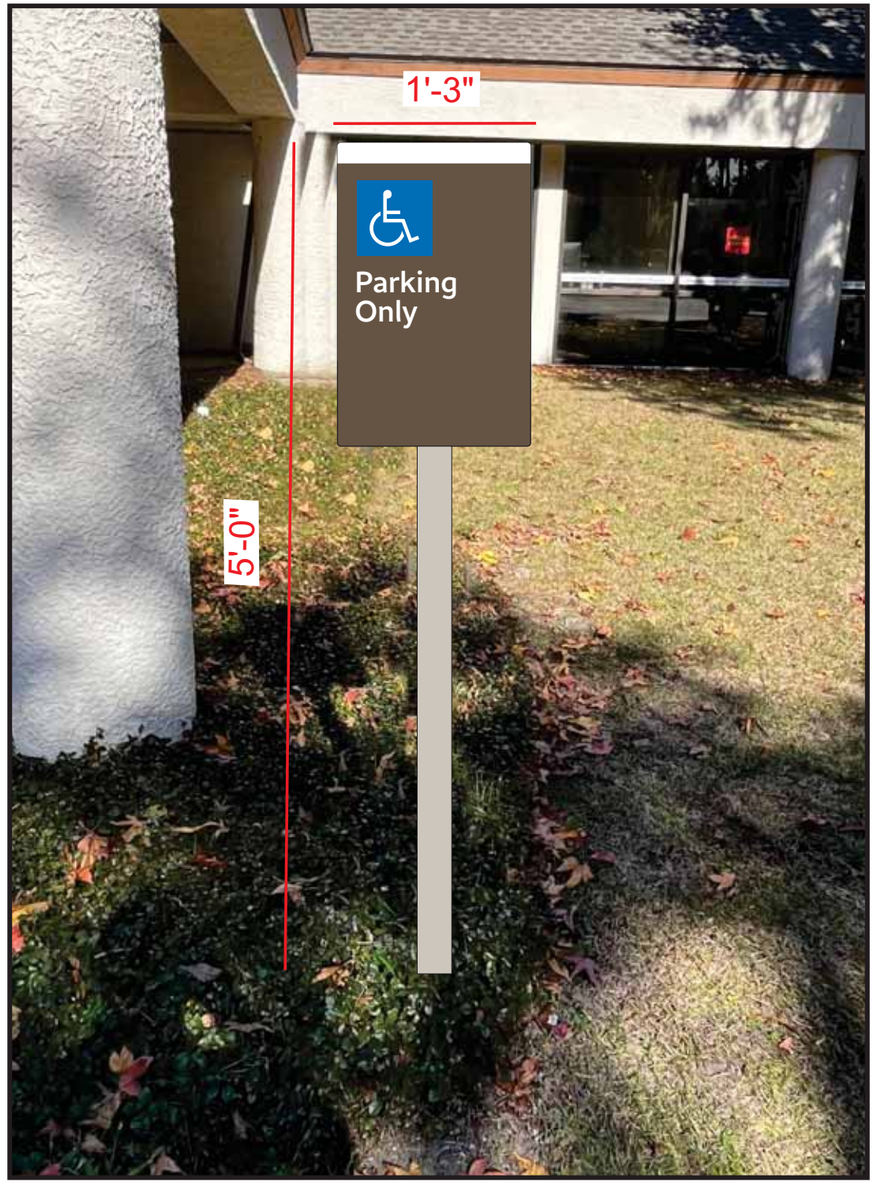
CUSTOM COMMENTS:
NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		11

E09 **SIGNTYPE** **WFR2-EW-RS-PS-PM-16-60**

EXISTING



PROPOSED

COLOR LEGEND

P3	Paint	Light Bronze with Clearcoat, Semi Gloss,	
	Option 1	Matthews Paint MP75296	
	Option 2	Akzo Nobel SIGN90722	
P5	Paint	Warm Gray with Clearcoat, Semi Gloss,	
	Option 1	Matthews Paint MP20148	
	Option 2	Akzo Nobel SIGN91139	

MATERIALS LEGEND

M2	Material	Aluminum
V13	Vinyl	White, Opaque, Gray Adhesive 3M Controltac 180-10

CUSTOM COMMENTS:
NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		12

E10 **SIGNTYPE** **WFR2-EW-RS-PS-PM-16-60**

EXISTING

PROPOSED

COLOR LEGEND

P3	Paint	Light Bronze with Clearcoat, Semi Gloss,
	Option 1	Matthews Paint MP75296
	Option 2	Akzo Nobel SIGN90722
P5	Paint	Warm Gray with Clearcoat, Semi Gloss,
	Option 1	Matthews Paint MP20148
	Option 2	Akzo Nobel SIGN91139

MATERIALS LEGEND

M2	Material	Aluminum
V13	Vinyl	White, Opaque, Gray Adhesive 3M Controltac 180-10

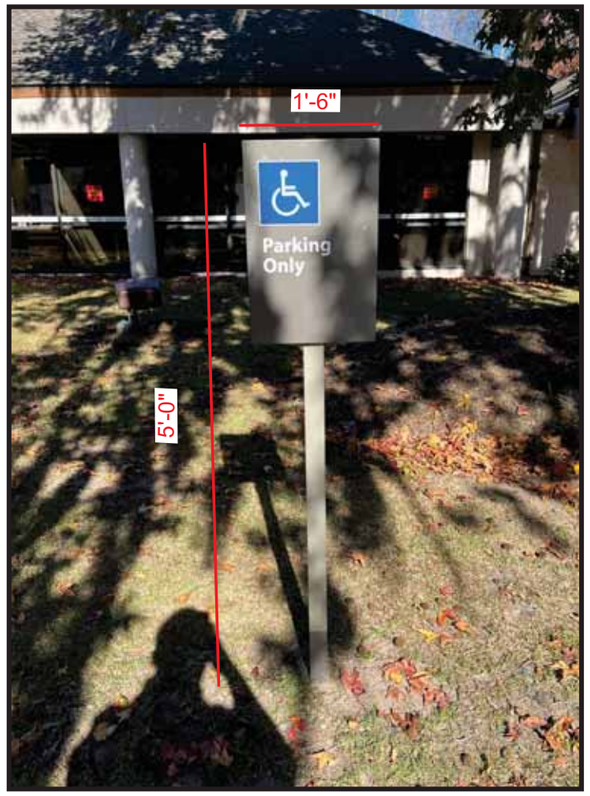
CUSTOM COMMENTS:
NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		13

E11 **SIGNTYPE** **WFR2-EW-RS-PS-PM-16-60**



EXISTING

PROPOSED

COLOR LEGEND

P3 Paint — Light Bronze with Clearcoat, Semi Gloss,
Option 1 Matthews Paint MP75296
Option 2 Akzo Nobel SIGN90722

P5 Paint — Warm Gray with Clearcoat, Semi Gloss,
Option 1 Matthews Paint MP20148
Option 2 Akzo Nobel SIGN91139

MATERIALS LEGEND

M2 Material Aluminum

V13 Vinyl — White, Opaque, Gray Adhesive
3M Controltac 180-10

CUSTOM COMMENTS:
NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

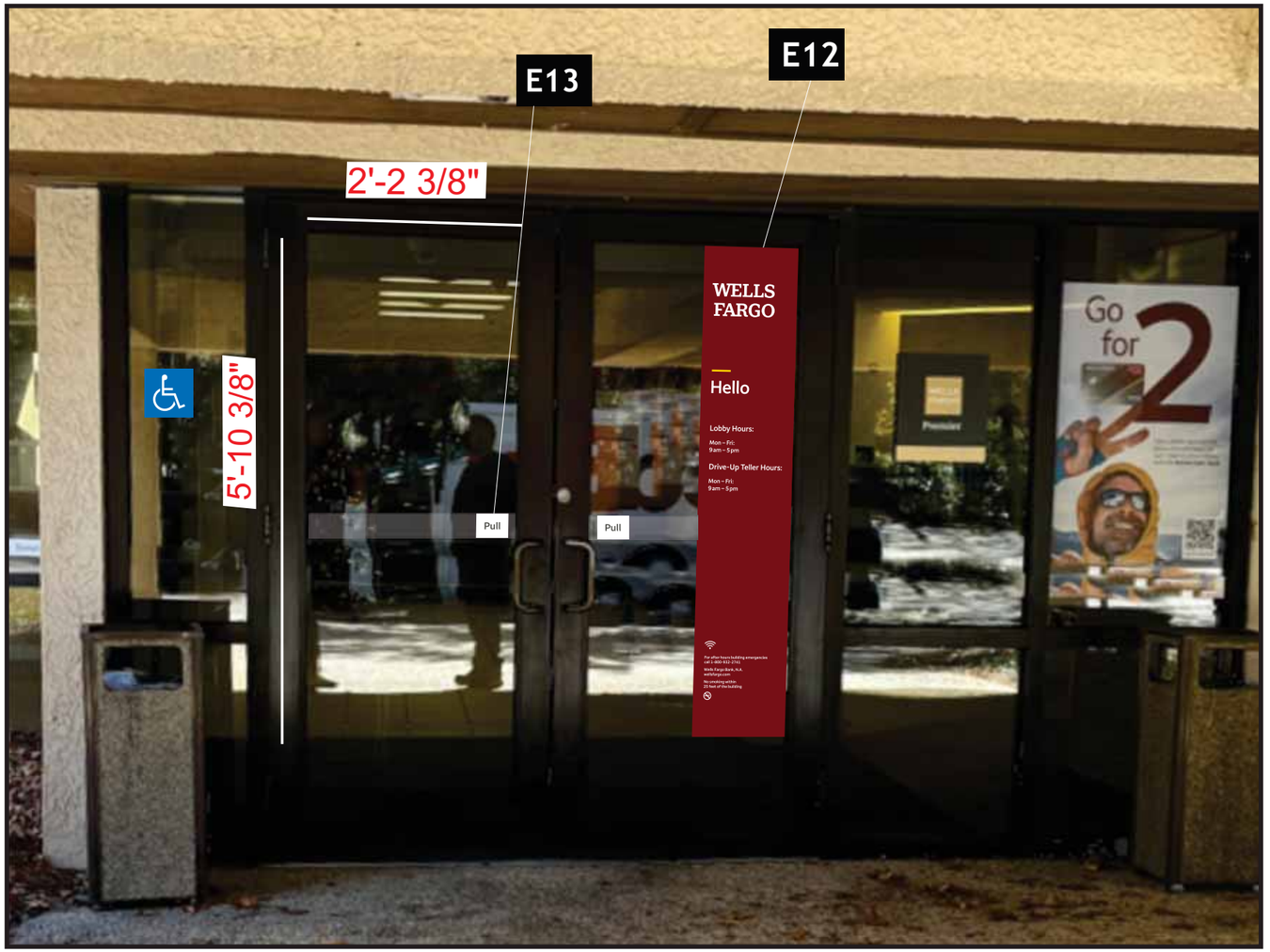
HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		14

E12 **SIGNTYPE** **WFR2-WE-G-FLX** (BY MILLER ZELL)

E13 **SIGNTYPE** **WFR2-DI-G-FLX** (BY MILLER ZELL)

EXISTING



PROPOSED

CUSTOM COMMENTS:
PROSCENIUM REQUIREMENTS NOT MET.

NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	**QID# 24-70557**
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	**BE # 142521**
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		15

E14	SIGNTYPE	WFR2-DU-WP
E15	SIGNTYPE	WFR2-DU-WG (by Miller Zell)

EXISTING

SW 6684 Brittlebush

SW 6385 Dover White

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		16

NE16 **SIGNTYPE** **WFR2-EW-OS-LG Clearance (Qty 4)**

EXISTING

PROPOSED

COLOR LEGEND

P5 Paint — Warm Gray with Clearcoat, Semi Gloss,
Option 1 — Matthews Paint MP20148
Option 2 — Akzo Nobel SIGN91139

MATERIALS LEGEND

M2 Material Aluminum

V13 Vinyl — White, Opaque, Gray Adhesive
3M Controltac 180-10

CUSTOM COMMENTS:
TECH SURVEY REQUIRED TO CONFIRM DRIVE THROUGH CLEARANCE HEIGHT

NOTE: FIELD VERIFICATION REQUIRED BEFORE CONSTRUCTION

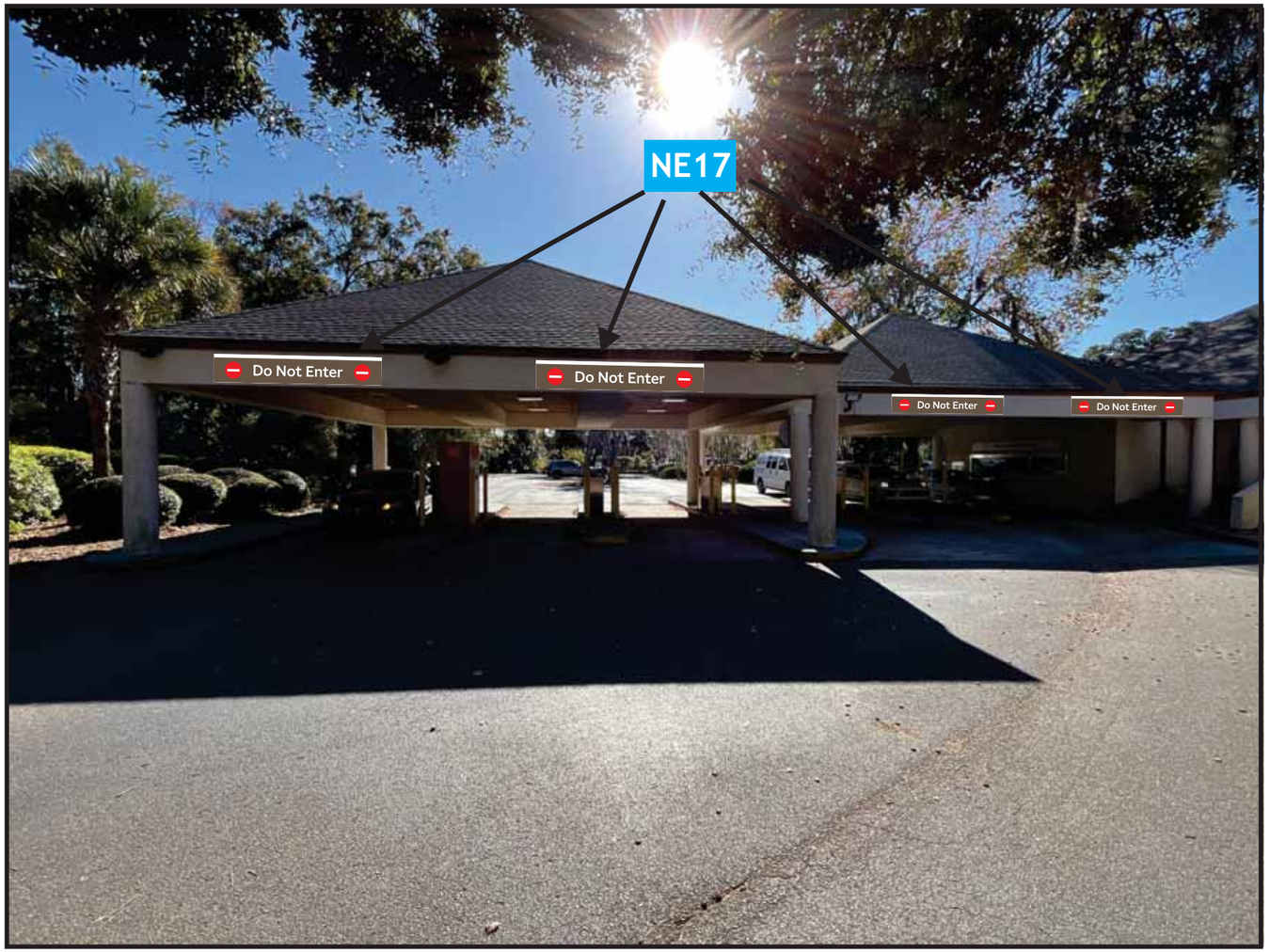
HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		17

NE17 **SIGNTYPE** **WFR2-EW-OS-LG Do Not Enter (Qty 4)**

EXISTING



PROPOSED

COLOR LEGEND

P5		Paint	Warm Gray with Clearcoat, Semi Gloss,
		Option 1	Matthews Paint MP20148
		Option 2	Akzo Nobel SIGN91139

MATERIALS LEGEND

M2		Material	Aluminum
V13		Vinyl	White, Opaque, Gray Adhesive 3M Controltac 180-10
P1		Vinyl	Opaque, Wells Fargo Red

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		18

E18 **SIGNTYPE** **ATM (Leave As Is)**

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		19

E19 **SIGNTYPE** **ATM (Leave As Is)**

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		20

E20 **SIGNTYPE** **PREMIER SIGN (Leave As Is)**

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	**QID# 24-70557**
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	**BE # 142521**
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		21

E01 **SIGNTYPE** **WFR2-RCPL-H-9**

E02 **SIGNTYPE** **WFR2-RCPL-H-9**

Colors and materials

M8 Sheet Aluminum

Glidden Drum Beat #A0279

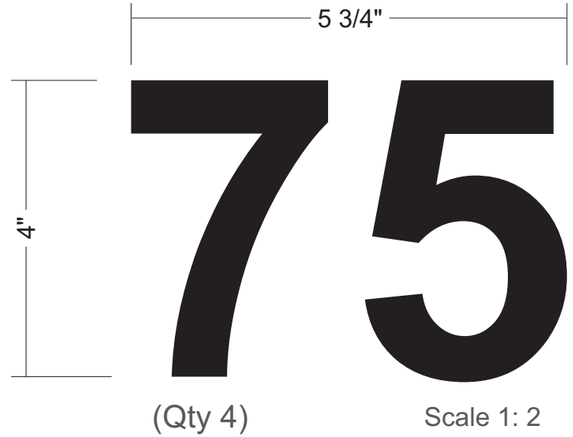
Black

P4 Paint, Wells Fargo Environments White, Satin Finish
Option 1: Matthews Paint – MP11477, R206822 SV Satin V1.0 Brush and Roll Additive to be used for Field Application: #47-444SP Contact Matthews Paint regarding application instructions and warranty info prior to use Option 2: Akzo Nobel – SIGN10328, Brush and Roll Additive to be used for Field Application: #390909 Option 3: Sherwin Williams – G4-5778845 or LV-1227866 (single stage) GENESIS Lustral Field application: use same product, add reducer only as needed

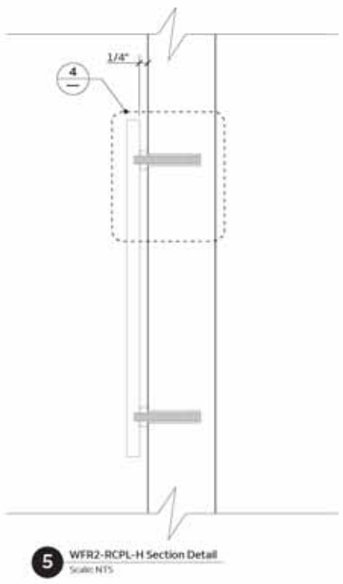
Notes and requirements

1 **CUT PLATE LETTER:** Letters are .375" thick flat aluminum, water jet cut, painted finish on all surfaces. Letters may be surface illuminated.

2 **CUT PLATE LETTER RETURNS:** Returns painted Wells Fargo Environments White.



Scale: 1" = 1'-0"



HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		22

E03	SIGNTYPE	WFR2-RRCH-HI-H-16
E04	SIGNTYPE	WFR2-RRCH-HI-H-16
E05	SIGNTYPE	WFR2-RRCH-HI-H-16
E06	SIGNTYPE	WFR2-RRCH-HI-H-16

Colors and materials

M8 Sheet Aluminum

Glidden Drum Beat #A0279

Notes and requirements

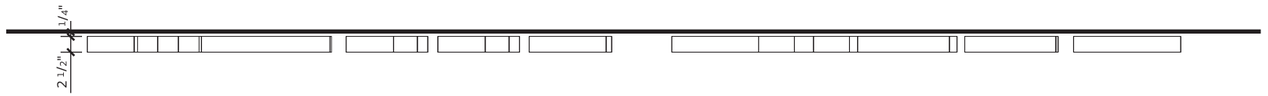
1 **CHANNEL LETTER FACE:** .125" Aluminum faces attached to .063" aluminum returns. Placement on the building limited to a maximum of 150 feet from the ground.

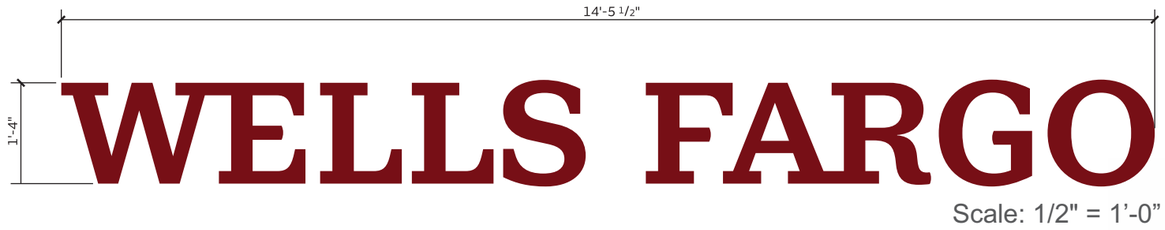
1a Letter faces painted Glidden Drum Beat #A0279

2 **CHANNEL LETTER RETURNS:** Fabricated .063" aluminum letter returns Painted Wells Fargo White

3 **TRIMLESS LETTER BACK:** 3/4" clear acrylic backs with rebated edge inset into formed aluminum letters. NOTE: Finished letter backs to be cut to the exact outer contour of provided artwork at specified letter height. Rebated material to form shoulder 0.080" inside letter face contour as shown on drawing. Backs are mechanically attached to aluminum returns.

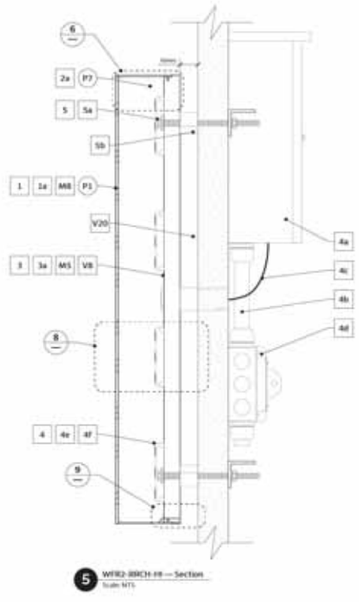
5 **MOUNTING:** Sign contractor responsible for field survey of existing conditions prior to shop drawing submittal. Shop drawings to include appropriate mechanical fasteners and anchors in shop drawings for pin mounting lettering to existing wall surfaces. Sign contractor to provide proper attachment method and hardware to attach letters to wall.





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

NIGHT VIEW



5 WFR2-RRCH-HI — Section

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		23

E07 SIGNTYPE WFR2-EW-DS-PM-28-48

COLOR LEGEND

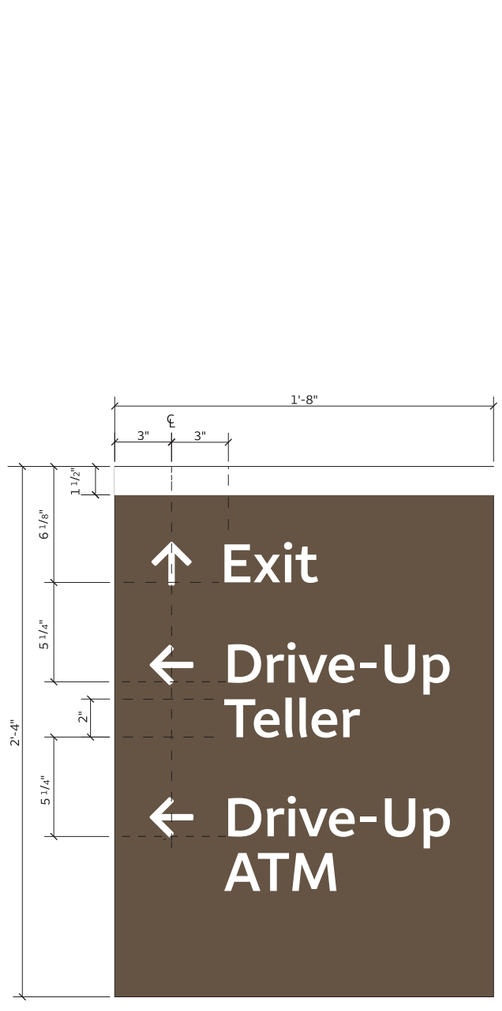
P3		Paint	Light Bronze with Clearcoat, Semi Gloss,
		Option 1	Matthews Paint MP75296
		Option 2	Akzo Nobel SIGN90722
P5		Paint	Warm Gray with Clearcoat, Semi Gloss,
		Option 1	Matthews Paint MP20148
		Option 2	Akzo Nobel SIGN91139

MATERIALS LEGEND

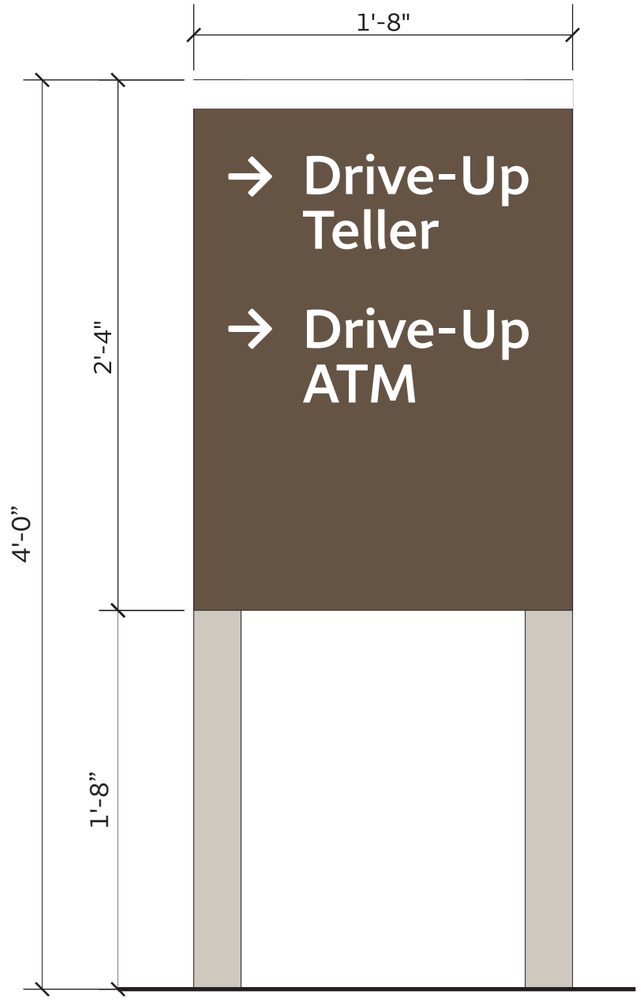
M2		Material	Aluminum
V13		Vinyl	White, Opaque, Gray Adhesive 3M Controltac 180-10

Notes and requirements

1. **PANEL (POST MOUNTED):** .090" aluminum panel with surface applied vinyl graphics. Sign face is painted white on all visible surfaces. One or both faces of sign may be used for directional messaging.
1a. Face panel to be attached to post using epoxy adhesive applied per manufacturer specifications. Adhesive to be applied onto all areas of contact between face panel and post. Ensure no adhesive is visible between panels and post.
1b. All surfaces to be free of visible seams or adhesive.
2. **POST:** 6061-T6 aluminum 2 1/2" x 2 1/2" square tubing stock material.
2a. Top of sign is enclosed with 2 1/2" x 2 1/2" square aluminum tubing. No exposed fasteners.
2b. All visible welds to be ground smooth prior to painting.
3. **MOUNTING (POST):** Sign contractor to conduct field survey prior to fabrication and provide engineered footing details with shop drawings.
3a. Posts to be set in poured concrete footing, with 6" mow strip flush to grade when located in lawn areas.
3b. Contractor to ensure structure and footings will withstand local windloading and environmental conditions, and verify adherence to local building and sign codes.
4. **GRAPHICS:** Wells Fargo Sans font family, kiss cut vinyl letters and arrows. Align arrows and/or copy as shown in the exhibits.



Scale: 1 1/2” = 1’ (11x17 paper)



Scale: 1 1/2” = 1’ (11x17 paper)

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557	
LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521	
CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24			24

E08 SIGNTYPE WFR2-EW-RS-PS-PM-16-60

E09 SIGNTYPE WFR2-EW-RS-PS-PM-16-60

E10 SIGNTYPE WFR2-EW-RS-PS-PM-16-60

E11 SIGNTYPE WFR2-EW-RS-PS-PM-16-60

COLOR LEGEND

P3 Paint — Light Bronze with Clearcoat, Semi Gloss,
Option 1 — Matthews Paint MP75296
Option 2 — Akzo Nobel SIGN90722

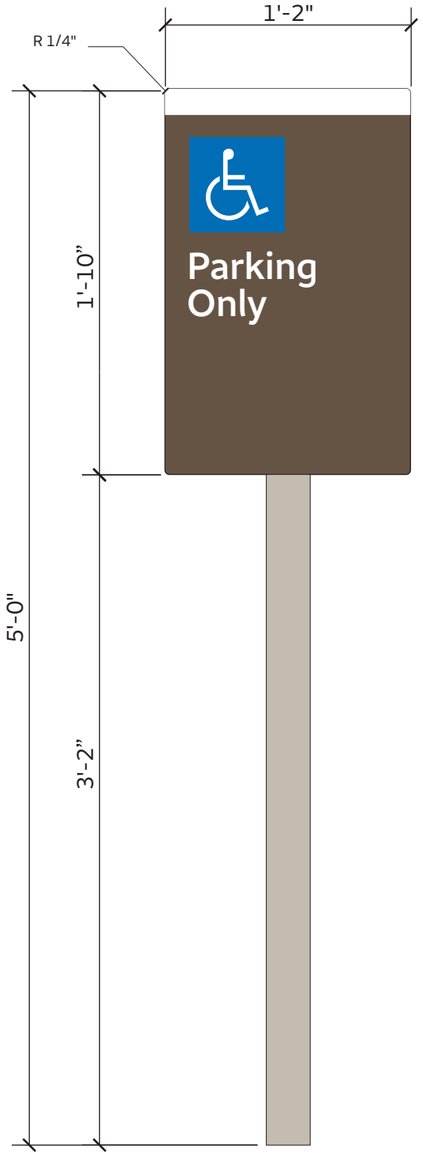
P5 Paint — Warm Gray with Clearcoat, Semi Gloss,
Option 1 — Matthews Paint MP20148
Option 2 — Akzo Nobel SIGN91139

MATERIALS LEGEND

M2 Material Aluminum

V13 Vinyl — White, Opaque, Gray Adhesive
3M Controltac 180-10

V12 Reflectorized Vinyl, 3M Scotchlite 680-76, Blue



Notes and requirements

1 PANEL: .090" aluminum panel (1/4" radius corners) with surface applied vinyl graphics. Sign face is painted white on all visible surfaces. Sides of panel are to be painted white.

1a Face panel to be attached to post using epoxy adhesive applied per manufacturer specifications. Adhesive to be applied onto all areas of contact between face panel and post. Ensure no adhesive is visible between panels and post.

1b All surfaces to be free of visible seams or adhesive.

2 POST: 6061-T6 aluminum 2 1/2" x 2 1/2" square tubing stock material.

2a Cap top of post with aluminum cap, welded or adhered in place with epoxy. No exposed fasteners.

2b All visible welds to be ground smooth prior to painting.

3 MOUNTING: Sign contractor to conduct field survey prior to fabrication and provide engineered footing details with shop drawings.

3a Posts to be set in poured concrete footing, with 6" mow strip flush to grade when located in lawn areas.

3b Contractor to ensure structure and footings will withstand local windloading and environmental conditions, and verify adherence to local building and sign codes.

4 GRAPHICS: Wells Fargo Sans font family, kiss cut vinyl letters. Align arrows and/or copy as shown in the exhibits.

4a Kiss cut vinyl letters, arrows and symbols.

4b Kiss cut International Symbol of Access.

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		25

E12 SIGNTYPE WFR2-WE-G-FLX (BY MILLER ZELL)

Colors and materials

D1		Glidden Drum Beat #A0279
D2		Wells Fargo Environments Yellow - QSP Digital Match when printed on HP R2000 latex printer
V6		Opaque Vinyl, 3M 7725-10, White
V14		Clear Vinyl, 3M 8520, Matte Overlaminate
V15		Clear Vinyl, 3M IJ8150, Substrate

Notes and requirements

1 **VERTICAL BAND:** Digitally printed on optically clear film and laminated with matte clear overlaminate. This is a layered print on clear film to get a consistent color read from an exterior view and from an interior view. The exterior graphic is red with two layers of white on the back, then a layer of black and two more layers of white. The interior graphic is two layers of white with a layer of black, two additional layers of white and a layer of red on the back. The exterior graphic is installed and trimmed on the exterior surface of the glass door and the interior graphic is installed and trimmed on the interior side of the glass door directly behind and aligned with each other.

1a Exterior decal is digitally printed on optically clear film to match Glidden Drum Beat #A0279 with printed white Wells Fargo stacked wordmark and messaging. Matte clear overlaminate applied on top. Flexible Hours Display Panel is adhered to Welcome Entry Graphics with VHB tape. Interior facing side to be digitally printed white for a consistent read through the glass. No additional messaging shall be added unless approved by Wells Fargo.

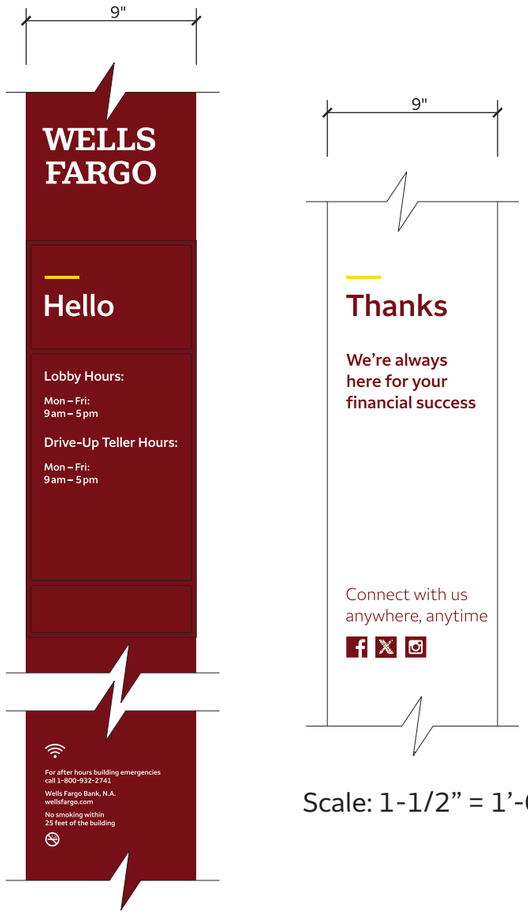
1b Interior decal is printed white on optically clear film. Messaging is digitally printed to match Glidden Drum Beat #A0279, yellow line to match WF Environments Yellow QSP Digital Match. If a push bar is present, position "Connect with us anywhere, anytime" either 1 -1/2" below or 1 - 1/2" above the push bar. Matte clear overlaminate applied on top. Exterior facing side to be digitally printed red for a consistent read through the glass.

1c **FLEXIBLE HOURS DISPLAY PANEL:** Applied to Welcome Entry Graphics with VHB tape. Hours panel is interchangeable. See Flexible Hours Display panel asset for more information.

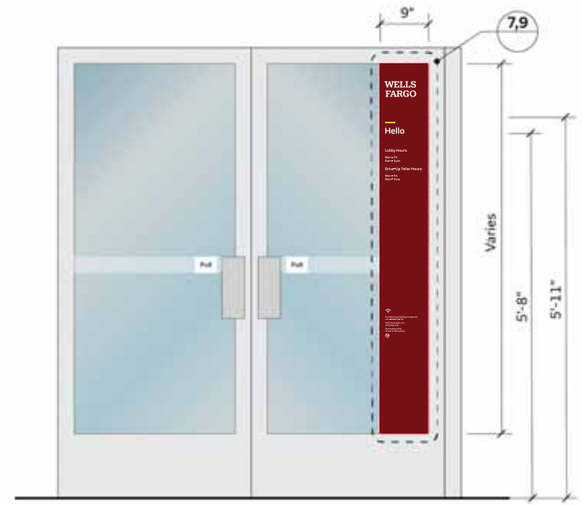
2 **DOOR FRAME:** Existing door frame. Contractor to field verify conditions and dimensions.

2a Where decals meet edge of glass or door frame they are to be trimmed to fit flush and straight, without gaps.

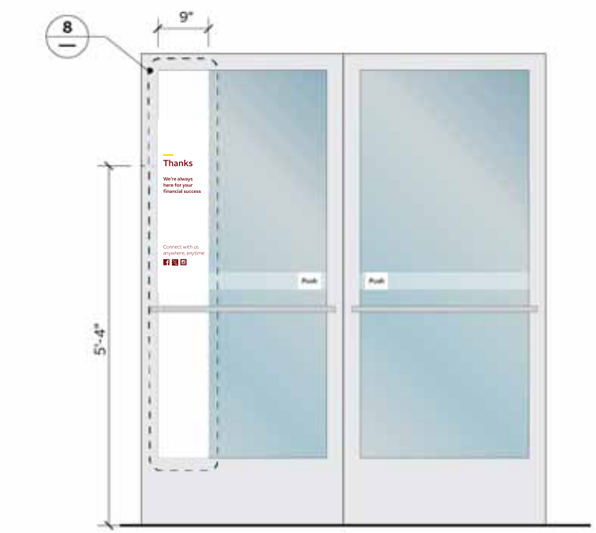
3 **VINYL GRAPHICS/DOOR INFORMATION:** Copy set in Wells Fargo Sans SemiBold and digitally printed on vinyl.



Scale: 1-1/2” = 1’-0”



1 Elevation — Double Entry Doors (Exterior)
Scale: NTS



2 Elevation — Double Entry Doors (Interior)
Scale: NTS

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557	
LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521	
CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24			26

E13 SIGNTYPE WFR2-DI-G-FLX (BY MILLER ZELL)

Colors and materials

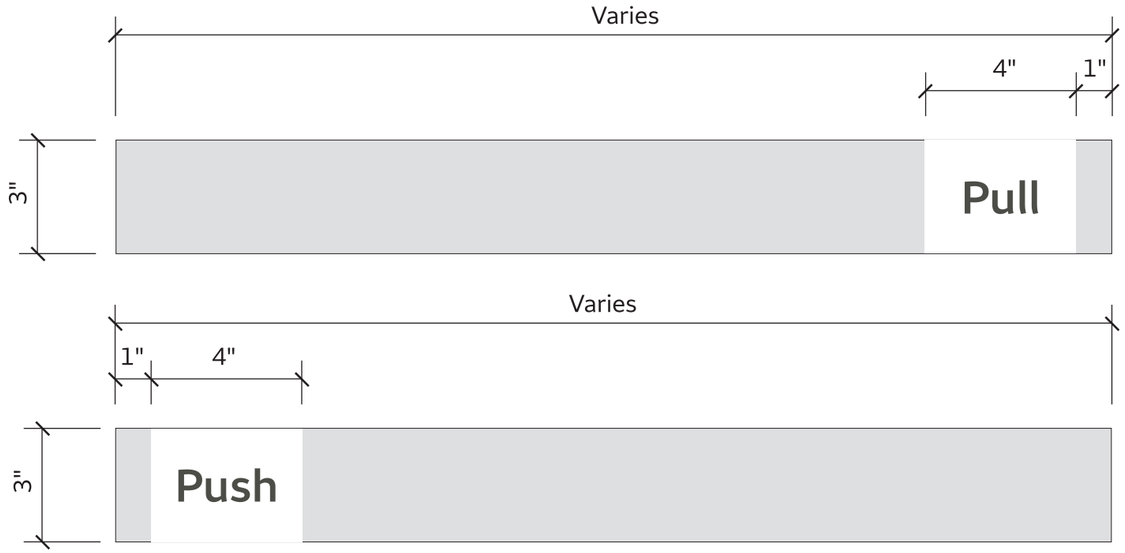
- D5 — Wells Fargo Environments Nimbus Gray - QSP Digital Match
- D7 — Wells Fargo Environments White – QSP Digital Match
- V14 — Clear Vinyl, 3M 8520, Matte Overlaminate
- V15 — Clear Vinyl, 3M IJ8150, Substrate

Notes and requirements

1. **PUSH/PULL BAND:** First surface digitally printed decal applied to exterior and interior surfaces of glass door. Conduct site inspection prior to fabrication to determine the need for Push/Pull graphics and their application requirements, and to verify location and dimensions of any existing door exit bar or push bar.

1a. Digitally printed on clear vinyl, with matte clear overlaminate. Push/Pull lettering to match WF Environments Nimbus Gray QSP Digital Match on printed white rectangle.

1b. The frosted effect is achieved by digitally printing layers on clear vinyl with clear matte overlaminate.
Layer 1: digital print - 33% white band with 100% solid white field
Layer 2: digital print - 10% black band with 100% solid black field
Layer 3: digital print - 100% white solid field
Layer 4: digital print - 100% white solid field with gray "Push/Pull" copy digitally printed WF Environments Nimbus Gray



Scale: 3” = 1’-0”

Colors and materials

- D5 — Wells Fargo Environments Nimbus Gray - QSP Digital Match
- D11 — ADA Blue
- V13 — Opaque Vinyl, 3M IJ180-10, White Substrate
- V14 — Clear Vinyl, 3M 8520, Matte Overlaminate

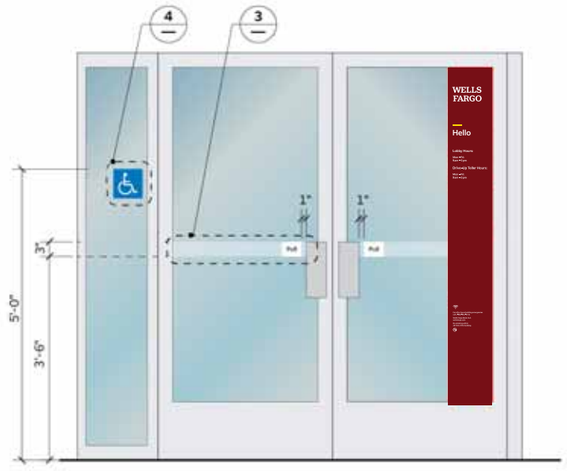
Notes and requirements

2. **ACCESSIBILITY SYMBOL:** Digitally printed code required International Symbol of Accessibility decal applied on opaque vinyl. Applied first surface to exterior sidelight glass or window. Install decal to align with and obscure existing exit sign attached on inside of glass at side of door. This type of sign identifies entrances that are ADA accessible.

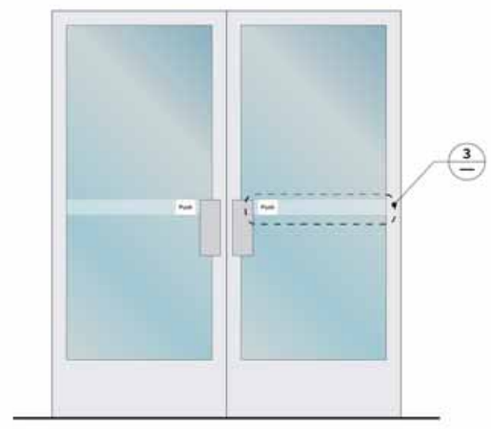
3a. Accessible decal to align with top and vertical edge of interior Exit Route sign.

5. **WINDOW DECAL:** Digitally printed on white opaque vinyl substrate. Install decal on first surface (exterior side) of glazing.

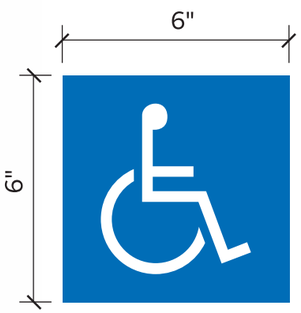
5a. Decal is digitally printed so that yellow accent at top is printed to match WF Environments Yellow QSP Digital Match and gray copy is printed to match WF Environments Nimbus Gray QSP Digital Match, matte clear overlaminate.



1 Elevation — Double Entry Doors (Exterior)
Scale: NTS



2 Elevation — Double Entry Doors (Interior)
Scale: NTS



Scale: 1:4

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		27

E14 SIGNTYPE WFR2-DU-WP

E15 SIGNTYPE WFR2-DU-WG

Colors and materials

D5 Wells Fargo Environments Nimbus Gray - QSP Digital Match

Notes and requirements

5 **DEPOSIT NOTICE/FDIC DECAL:** Digitally printed to match Wells Fargo Environments Nimbus Gray - QSP Digital Match.

6 **INSTALLATION:** Sign contractor to field verify dimensions of existing glass window panels prior to fabrication and report any discrepancies to designated Wells Fargo representative.

Colors and materials

M8 Sheet Aluminum

Translucent Vinyl to match SW 6385 Dover White

Translucent Vinyl, To match Glidden Drum Beat #A0279

Translucent Vinyl to match SW 6684 Brittlebush

Notes and requirements

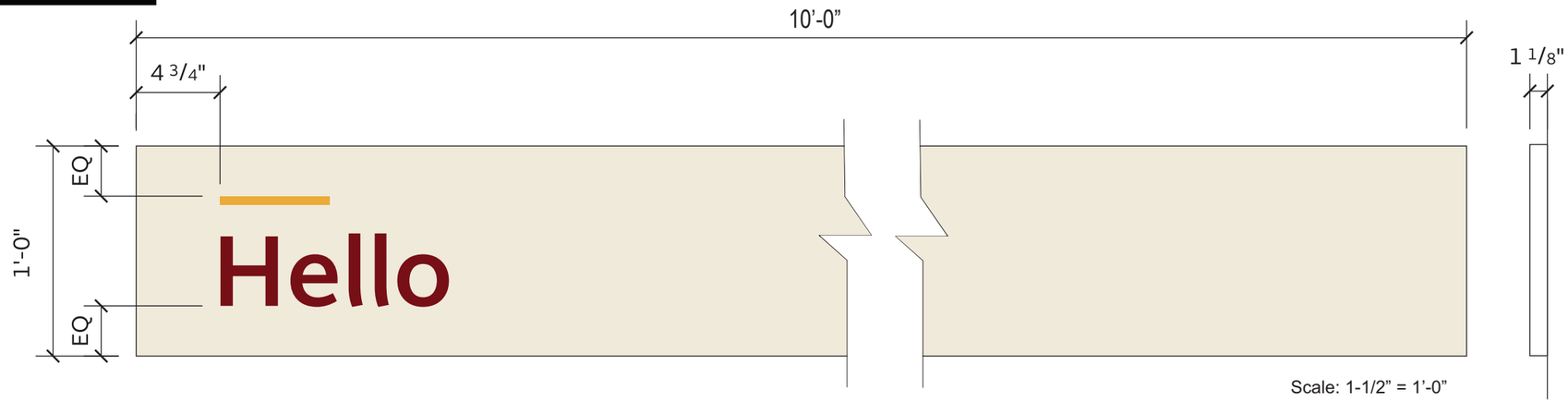
1 **DRIVE-UP HELLO WALL PANEL:** Welded .080" aluminum, or routed and brake-formed 4mm thick aluminum composite material (ACM) panels. Paint all visible surfaces to match Wells Fargo Environments White. Mounted on building or wall surface. Sign contractor responsible for adherence to local building and sign codes.

1a Aluminum panel return depth 1-1/8".

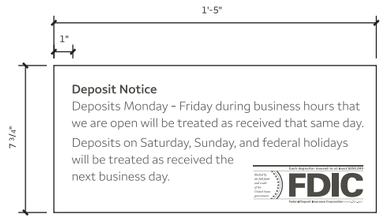
1b Panel to align with left outside edge of window frame as shown. When replacing legacy signage, extend panel to conceal wall damage.

2 **PANEL GRAPHICS:** Letters are first surface applied kiss-cut vinyl to match Glidden Drum Beat #A0279 Signal bar is first surface applied kiss-cut Wells Fargo Environments Yellow vinyl.

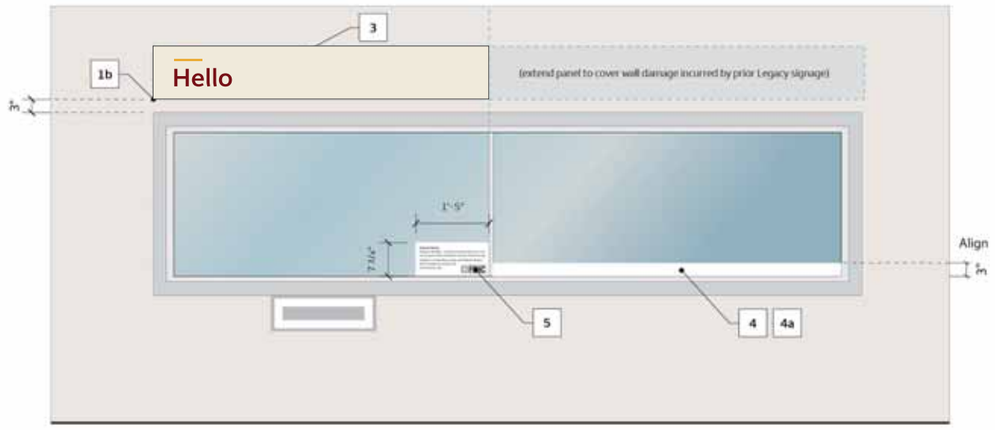
3 **MOUNTING:** Panel installed over 1" x 1" x 1/8" thick aluminum angle frame with cleat type brackets attached to wall surface.



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



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



1 WFR2-DU — Drive-Up Window Elevation
Scale: NTS

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		28

NE16 SIGNTYPE WFR2-EW-OS-LG Clearance (Qty 4)

COLOR LEGEND

P5		Paint	Warm Gray with Clearcoat, Semi Gloss,
		Option 1	Matthews Paint MP20148
		Option 2	Akzo Nobel SIGN91139

MATERIALS LEGEND

M2		Material	Aluminum
V13		Vinyl	White, Opaque, Gray Adhesive 3M Controltac 180-10

Notes and requirements

1. **SIGN PANEL:** 1/8" thick aluminum painted (face and edges) with first surface applied opaque vinyl.
3. **COPY:** Wells Fargo Sans font family, kiss cut vinyl letters, 3M vinyl

Scale: 1” = 1’-0”

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		29

NE17 SIGNTYPE WFR2-EW-OS-LG Do Not Enter (Qty 4)

COLOR LEGEND

P5		Paint	Warm Gray with Clearcoat, Semi Gloss,
		Option 1	Matthews Paint MP20148
		Option 2	Akzo Nobel SIGN91139

MATERIALS LEGEND

M2		Material	Aluminum
V13		Vinyl	White, Opaque, Gray Adhesive 3M Controltac 180-10
P1		Vinyl	Opaque, Wells Fargo Red

Notes and requirements

1. **SIGN PANEL:** 1/8" thick aluminum painted (face and edges) with first surface applied opaque vinyl.
3. **COPY:** Wells Fargo Sans font family, kiss cut vinyl letters, 3M vinyl

Scale: 1" = 1'-0"

5 WFR2-EW-OS — Side View (Typical)
Scale: NTS

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: HILTON DISPLAYS	DATE: 1-25-24	QID# 24-70557
	LOCATION: 75 Matthews Drive	DESIGNER: Chad W.	SCALE: AS NOTED	BE # 142521
	CITY/STATE: Hilton Head Island, SC	FILE: 2023/WELLSFARGO/2023 REFRESH/LOCATIONS/NORTH ISLAND V1 1.25.24		30

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: 75 Mathews Drive

DRB#: DRB-000955-2024

DATE: 7/23/2024

CATEGORY: Final Review
Sign System

RECOMMENDATION: Approval ☐ Approval with Conditions ☒ Denial ☐

APPLICATION MATERIAL

DRB REQUIREMENTS	Complies Yes	No	Not Applicable	Comments or Conditions
Demolition Plan if needed	☐	☐	☒	
Existing Conditions match As-Built	☒	☐	☐	
Dimensioned Details and of Sections	☒	☐	☐	
Detail Illustrating Connection to Existing Structure	☒	☐	☐	
New Building Details Match Existing Building Details	☐	☐	☒	

ARCHITECTURAL DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Structure is designed to be appropriate to the neighborhood	☐	☐	☒	
Promotes pedestrian scale and circulation	☐	☐	☒	
Design is unobtrusive and set into the natural environment	☐	☐	☒	
Utilizes natural materials and colors	☒	☐	☐	
Avoids distinctive vernacular styles	☐	☐	☒	

Design is appropriate for its use	☒	☐	☐	
All facades shall have equal design characteristics	☐	☐	☒	
Avoids monotonous planes or unrelieved repetition	☐	☐	☒	
Has a strong roof form with enough variety to provide visual interest	☐	☐	☒	
Overhangs are sufficient for the façade height.	☐	☐	☒	
Forms and details are sufficient to reduce the mass of the structure	☐	☐	☒	
Human scale is achieved by the use of proper proportions and architectural elements	☐	☐	☒	
Utilizes a variety of materials, textures and colors	☒	☐	☐	
Incorporates wood or wood simulating materials	☐	☐	☒	
Windows are in proportion to the facade	☐	☐	☒	
Details are clean, simple and appropriate while avoiding excessive ornamentation	☒	☐	☐	
Utilities and equipment are concealed from view	☐	☐	☒	
Decorative lighting is limited and low wattage and adds to the visual character	☒	☐	☐	
Accessory elements are designed to coordinate with the primary structure	☒	☐	☐	

COMMENTS & CONDITIONS

Final review comments for July 23, 2024, are the following:

1. Staff recommends approval with conditions:
    a. Show the back side of the monument sign and indicate the proposed graphics.
    b. The address number on the monument sign must not contrast in color.

1 GREENWOOD DRIVE
SIGN SYSTEM FINAL REVIEW
July 23, 2024
DRB-000960-2024

North Island

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: Donna Foster Company: Hilton Displays LLC
Mailing Address: 125 Hillside Dr City: Greenville State: SC Zip: 29607
Telephone: 864-430-9595 Fax: 864-242-2204 E-mail: donnafoster@hiltondisplays.com
Project Name: Wells Fargo Project Address: 75 Matthews Drive
Parcel Number [PIN]: R511 008 000 157A 0000
Zoning District: _____ Overlay District(s): Major Corridor

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
X Final Approval – Proposed Development
_____ Alteration/Addition
_____ 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.

$175 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**

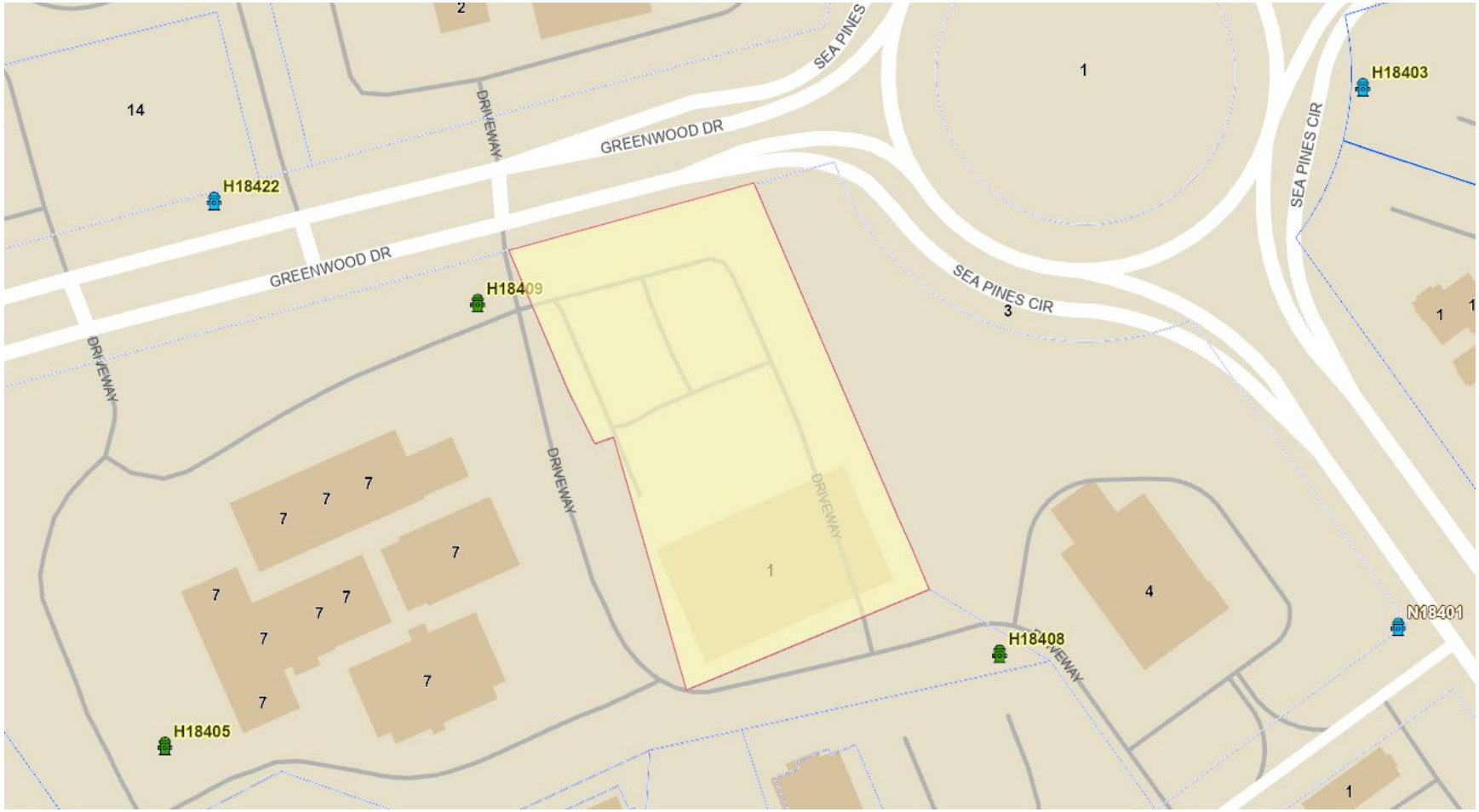
To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property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

Donna C Foster — SIGNATURE

6/24/24 — DATE

1 GREENWOOD DRIVE - WELLS FARGO SIGN SYSTEM LOCATION MAP



1 Greenwood Drive – Wells Fargo

1 GREENWOOD DRIVE WELLS FARGO SIGN SYSTEM REVISIED BASED ON CONDITIONS AT THE JULY 9, 2024 DESIGN REVIEW BOARD MEETING

Wells Fargo Signs Final Review:

1. **75 Matthews Drive:**
    1. **Conditions:**
        1. Option 2 – Glidden Drum Beat face with the Dover White side
            - Revised drawings removes “white” channel letter face option. Good to go with Glidden Drum Beat channel letter faces with Dover White returns/sides. Updated rendering to show halo-lit signs with “warm” LED color and maximum lumen count.
        2. Only the building mounted and monument sign mounted that was included in the packet is approved for this submission.
            - Revised drawings attached include rendering for all wayfinding/directional signage along with drawings for Drive Thru flat panel signs.
        3. Addressing per Fire will be required.
            - Address number added to top of monument per Fire Marshall requirement.
        4. The clearance sign as well as the monument sign needs to come back with all the wayfinding, parking signage that was not included in the July 9, 2024, package.
            - Colors of directionals and Drive Thru flat panels revised to gray to match existing earth tone of previous signs.

2. **1 Greenwood Drive:**
    1. **Conditions:**
        5. Option 2 – Glidden Drum Beat face with the Dover White side
            - Revised drawings removes “white” channel letter face option. Good to go with Glidden Drum Beat channel letter faces with Dover White returns/sides. Updated rendering to show “warm” LED color and maximum lumen count for wall sign E03.
        6. Only the building mounted and monument sign mounted that was included in the packet is approved for this submission.
            - Revised drawings attached include rendering for all wayfinding/directional signage along with drawings for Drive Thru flat panel signs.
        7. Addressing per Fire will be required.
            - Address number added to top of monument per Fire Marshall requirement.
        8. The clearance sign as well as the monument sign needs to come back with all the wayfinding, parking signage that was not included in the July 9, 2024, package.
            - Colors of directionals and Drive Thru flat panels revised to gray to match existing earth tone of previous signs.

1 GREENWOOD DRIVE - WELLS FARGO SIGN SYSTEM PLAN SET

WELLS FARGO

Store Number 142520
Sea Pines

1 Greenwood Drive
Hilton Head Island, SC 29928
07-15-24

Brand Book Approval

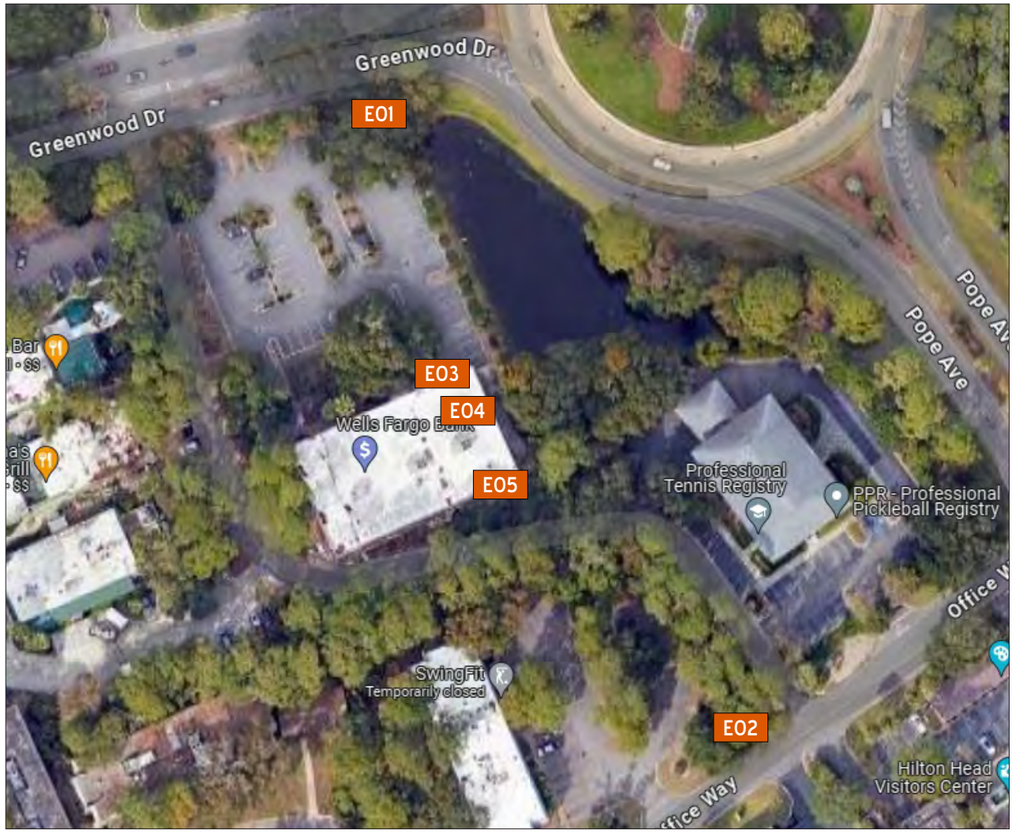
LL Required Change(s)

Permit Change(s)

PROPOSED

SIGN LEGEND

SIGN #	EXISTING SIGN	SF	RECOMMENDED SIGN	SF	QTY
E01	CHANNEL LETTERS	9.1	WFR2-RRCH-ST-10	9	1
E02	PLATE CUT LETTERS	7.25	WFR2-RCPL-ST-9	7.56	1
E03	CHANNEL LETTERS	20.4	WFR2-RRCH-HI-ST-16	23	1
E04	CHANNEL LETTERS	11.4	WFR2-RRCH-H-12	11	1
E05	CHANNEL LETTERS	20.4	WFR2-RRCH-ST-16	23	1
E06	DIRECTIONAL		WFR2-EW-DS-PM-28-36		1
E07	PARKING SIGN		WFR2-EW-RS-PS-PM-16-60		5
E08	PARKING SIGN (DOUBLE)		WFR2-EW-RS-PS-PM-16-60		1
E09	NO PARKING SIGN		WFR2-EW-RS-PS-PM-16-60		1
E10	DO NOT BLOCK LANES		WFR2-EW-RS-PS-PM-16-60		1
NE11	CLEARANCE		WFR2-EW-OS-LG		1
E12	DRIVE-UP PANEL		WFR2-DU-WP		1
E13	DRIVE-UP VINYL		WFR2-DU-WG (BY MILLER ZELL)		1
NE14	DO NOT ENTER		WFR2-EW-OS-LG		1
E15	CLEARANCE		WFR2-EW-OS-LG		1
E16	CLEARANCE		WFR2-EW-OS-LG		1
E17	ADA PARKING SIGN		WFR2-EW-RS-PS-WM-16-72		1
E18	DOOR VINYL		WFR2-WE-G-FLX (BY MILLER ZELL)		1
E19	DOOR VINYL		WFR2-DI-G-FLX (BY MILLER ZELL)		1
NE20	FCO ADDRESS NUMBER		WFR2-24-70556-XXX		2



N.T.S.

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		2

CODE & BRANDING UTILIZATION

Ground Signs	Allowed by Code	Currently Installed	Current % Utilized	Proposed	Proposed % Utilized	Δ (%Delta)
Height (ft.):	6	5.7	95%	5.7	95%	0%
Number:	2	2	100%	2	100%	0%
Square Footage (ft.):	40	36	90%	36	90%	0%

Wall Signs	Allowed by Code	Currently Installed	Current % Utilized	Proposed	Proposed % Utilized	Δ (%Delta)
Height (ft.):	4	2.92	73%	3.43	85.75%	+17.47%
Number:	4	4	100%	4	100%	0%
Square Footage (ft.):	40	20.4	51%	23	57.5%	+12.75%

Total Signage	Allowed by Code	Currently Installed	Current % Utilized	Proposed	Proposed % Utilized	Δ (% Delta)
Number:	6	6	100%	6	100%	0%
Square Footage (ft.):	80	56.4	70.5%	59	73.75%	+4.61%

% Delta is calculated: proposed signage / current signage

Ground Signs

Existing: 2

New: 0 **Removed:** 0

Net Total: 2

Wind Load: 147 mph

Disclaimer: For wind-speeds in specific regions of the country it may be necessary to have engineered drawings completed at an additional charge.

Wall Signs

Existing: 3

New: 0 **Removed:** 0

Net Total: 3

All Secondary Signs

Existing: 11

New: 2 **Removed:** 0

Net Total: 13

Additional Code Information

Directional Information:	**Height Allowed:**	60"	**Number Allowed:**	DETERMINED AT SITE PLAN REVIEW	
Window Signage Count Against Sq. Ft.:	**Yes/No:**	NO	**% of Window Allowed to be Used:**	25%	
Set Back Restrictions:	**Ground Sign:**	240" (CAN BE REDUCE PER REVIEW)	**Directional:**	N/A	
Permit Information:	**Contact:**	PLANNER (843) 341-4600	**Cost:**	VARIES	
Other:	**Cost to Renew:**	N/A	**Expiration Date:**	180 DAYS	**Sq. Ft. Allowed:** SEE COMMENTS BELOW

Branding Rationale / Comments

BASED ON TOTAL SQUARE FOOTAGE OF GROSS FLOOR AREA, NO SIGN SHALL EXCEED 40 SF. TOTAL SIZE OF ALL SIGNS/FACES CAN NOT EXCEED 160 SF TOTAL.
LIKE FOR LIKE ON MONUMENT LETTERS
INCREASE LETTER SIZE SLIGHTLY ON BUILDING SIGNS
INTERNALLY ILLUMINATED SIGNS ARE NOT PERMITTED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		3

E01 **SIGNTYPE** WFR2-RRCH-ST-10

NE20 **SIGNTYPE** WFR2-24-70556-xxx

EXISTING

EXISTING REVERSE

PROPOSED

RESTORATION AREA

Drum Beat #A0279

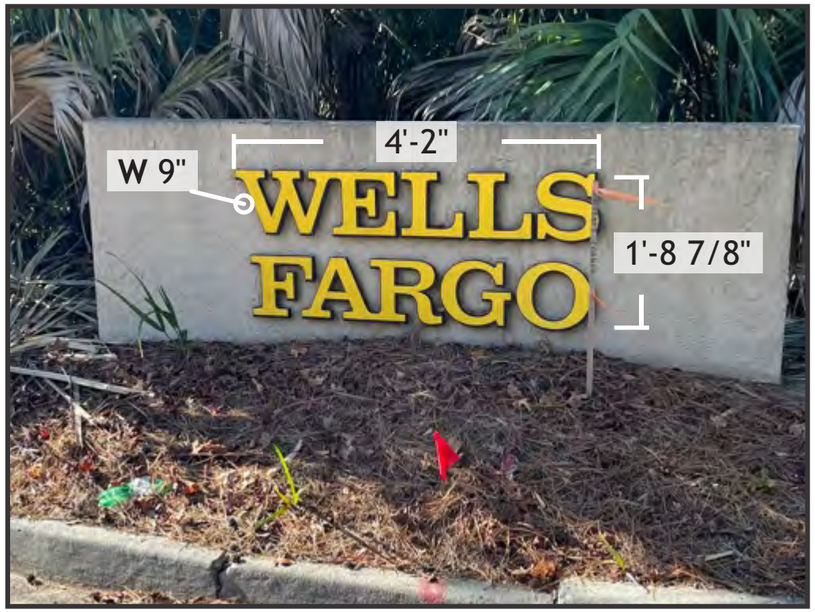
Dover White SW 6385

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		4

E02 **SIGNTYPE** WFR2-RCPL-ST-9

NE20 **SIGNTYPE** WFR2-24-70556-xxx



EXISTING

PROPOSED

RESTORATION AREA

Drum Beat #A0279

Dover White SW 6385

EXISTING DETAIL

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		5

E03 **SIGNTYPE** **WFR2-RRCH-HI-ST-16**

EXISTING

PMS/PAINT	SW 6392

WELLS FARGO

BROWN BUILDING COLOR CHART

Drum Beat #A0279

Dover White SW 6385

NIGHT VIEW

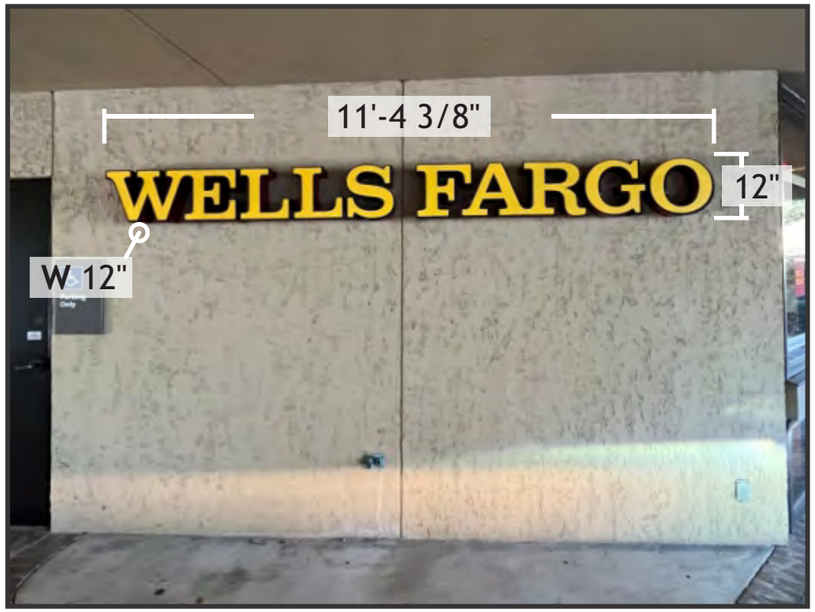
PROPOSED

Illumination:
Max Lumen Count: 2700
Color/Temperature: 3000K / Warm White

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		6

E04 **SIGNTYPE** **WFR2-RRCH-H-12**



EXISTING

PMS/PAINT	SW 6392

WELLS FARGO

BROWN BUILDING COLOR CHART

Drum Beat #A0279

Dover White SW 6385

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		7

E05 **SIGNTYPE** **WFR2-RRCH-ST-16**

EXISTING

PROPOSED

PMS/PAINT	SW 6392

WELLS FARGO

BROWN BUILDING COLOR CHART

Drum Beat #A0279

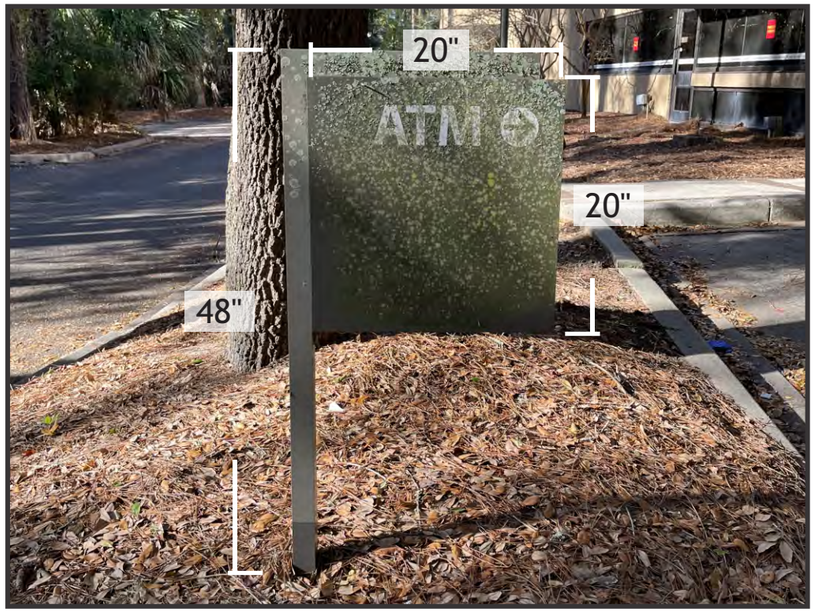
Dover White SW 6385

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

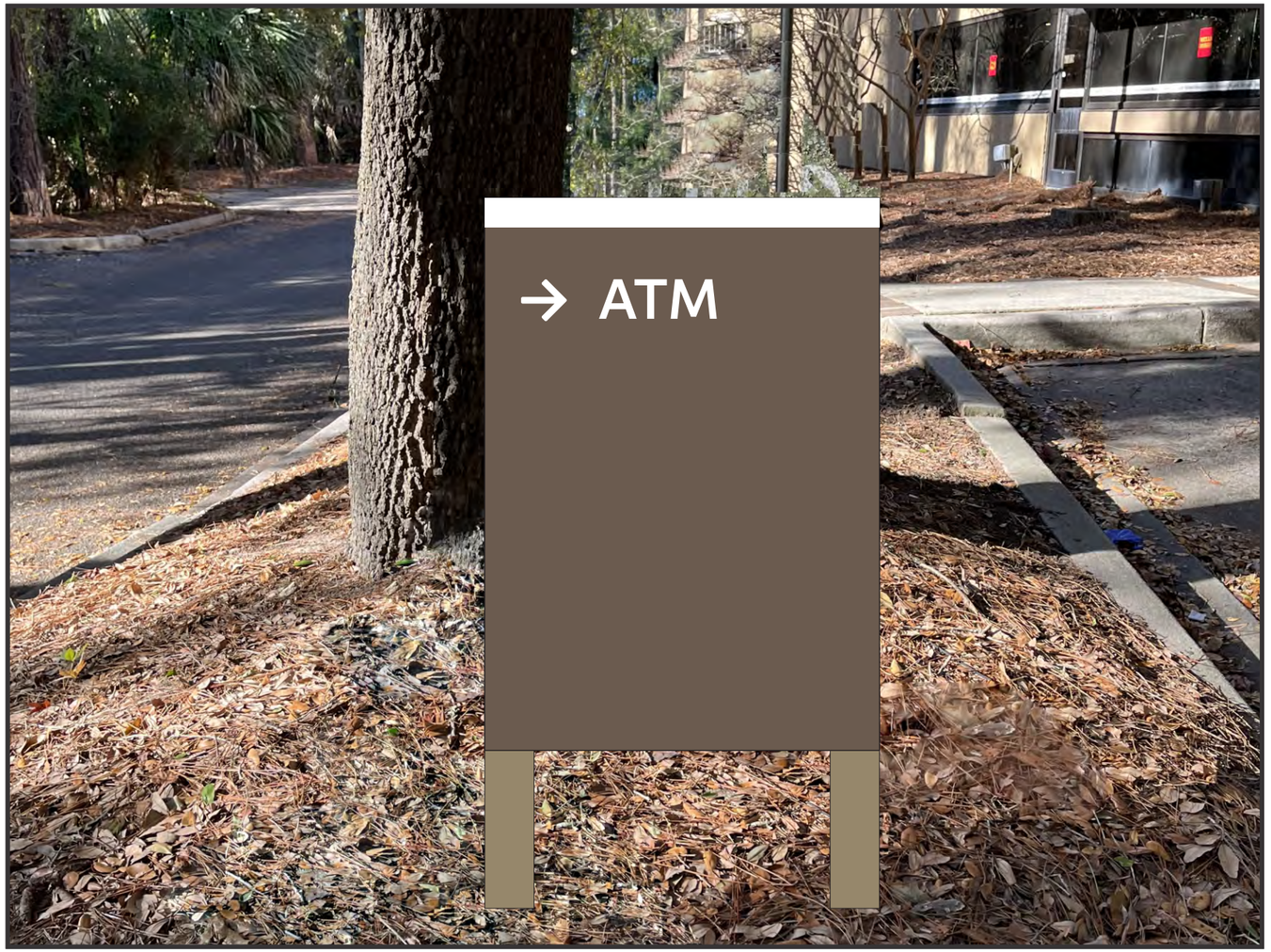
JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		8

E06 **SIGNTYPE** **WFR2-EW-DS-PM-28-36**



EXISTING



PROPOSED

← ATM

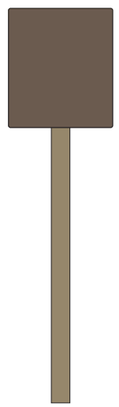
EXISTING REVERSE

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		9

E07 **SIGNTYPE** **WFR2-EW-RS-PS-PM-16-60** **QTY 5**

EXISTING



EXISTING REVERSE

PROPOSED

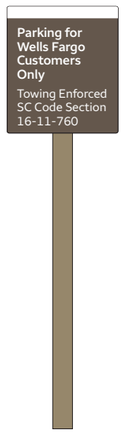
HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		10

E08 **SIGNTYPE** **WFR2-EW-RS-PS-PM-16-60**

CUSTOM COMMENTS:
NOTE: THIS PARKING SIGN IS DOUBLE SIDED

EXISTING



EXISTING REVERSE

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		11

E09 **SIGNTYPE** **WFR2-EW-RS-PS-PM-16-60**

EXISTING

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		12

E10 **SIGNTYPE** **WFR2-EW-RS-PS-PM-16-60**

EXISTING

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		13

NE11 **SIGNTYPE** **WFR2-EW-OS-LG**

EXISTING

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		14

E12	SIGNTYPE	WFR2-DU-WP
E13	SIGNTYPE	WFR2-DU-WG (BY MILLER ZELL)

EXISTING

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		15

NE14 **SIGNTYPE** **WFR2-EW-OS-LG**

EXISTING

PROPOSED

E15 **SIGNTYPE** **WFR2-EW-OS-LG**

EXISTING

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		17

E16 **SIGNTYPE** **WFR2-EW-OS-LG**

EXISTING

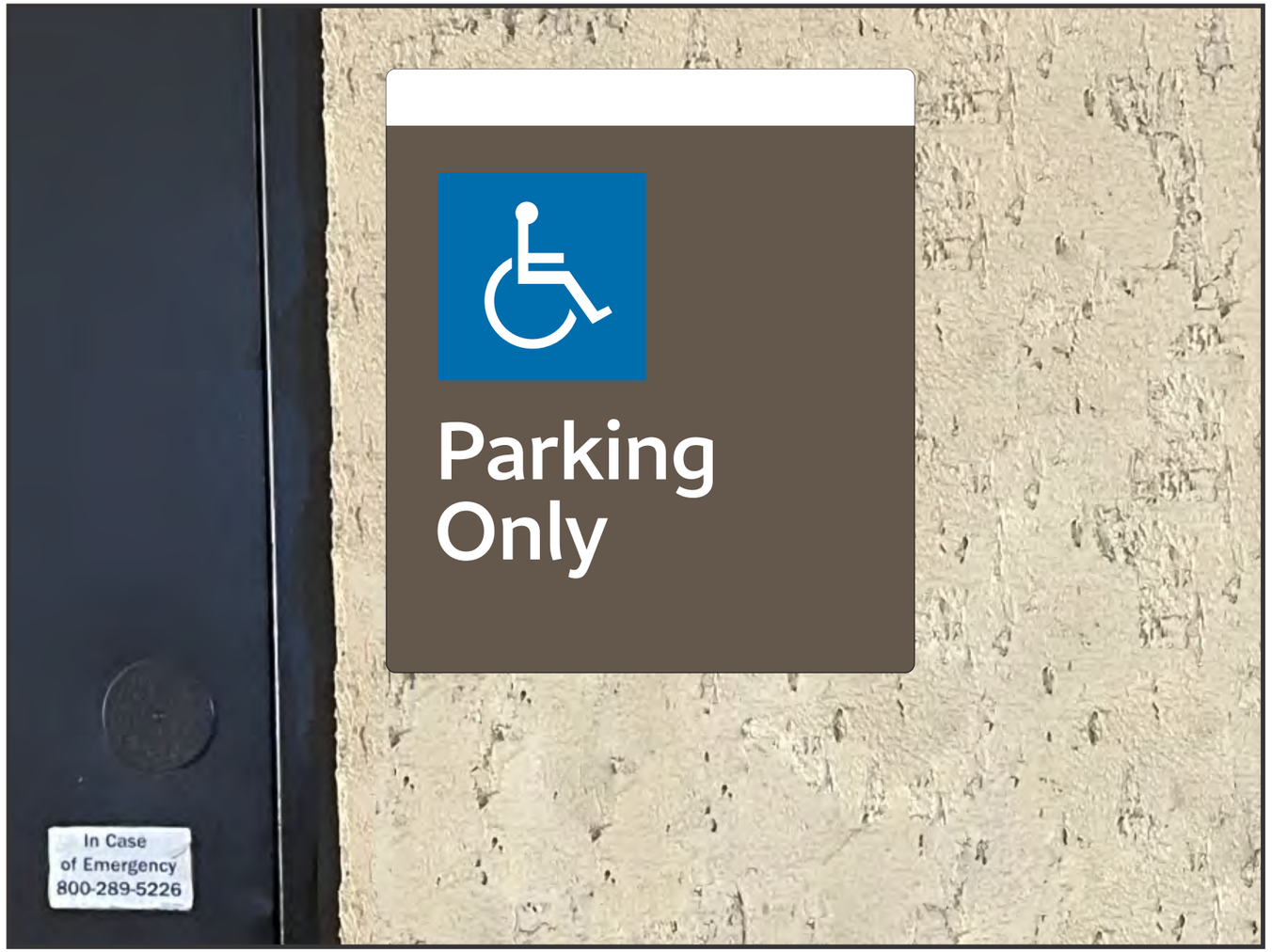
PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		18

E17 | SIGNTYPE | WFR2-EW-RS-PS-WM-16-72

EXISTING



PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		19

E18 **SIGNTYPE** **WFR2-WE-G-FLX (BY MILLER ZELL)**

E19 **SIGNTYPE** **WFR2-DI-G-FLX (BY MILLER ZELL)**

EXISTING

PROPOSED

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		20

E01 SIGNTYPE WFR2-RRCH-ST-10

Colors and materials

M8 Sheet Aluminum

Paint, Glidden Drum Beat #A0279

Paint, Sherwin Williams, Dover White SW 6385

3 WFR2-RCH-ST Plan
Scale: NTS

4 WFR2-RRCH-ST Elevation
Scale: NTS

Notes and requirements

1 **CHANNEL LETTER FACES:** .125" thick aluminum faces welded to .063" aluminum returns. Painted Wells Fargo Environments Red. Placement on the building limited to a maximum of 150 feet from the ground.

2 **CHANNEL LETTER RETURNS:** Fabricated .063" aluminum letter returns painted Wells Fargo Environments White.

5 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint, and Sherwin Williams. Paint specifications for each are noted above under Color and Materials.

SCALE: 1" = 1'

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556	
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520	
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines			21

E02 SIGNTYPE WFR2-RRPL-ST-9

Colors and materials

M8 Sheet Aluminum

Paint, Glidden Drum Beat #A0279

Paint, Sherwin Williams, Dover White SW 6385

3 WFR2-RCPL-ST Plan
Scale: NTS

4 WFR2-RCPL-ST Elevation
Scale: NTS

Notes and requirements

1 **CHANNEL LETTER FACES:** .125" thick aluminum faces welded to .063" aluminum returns. Painted Wells Fargo Environments Red. Placement on the building limited to a maximum of 150 feet from the ground.

2 **CHANNEL LETTER RETURNS:** Fabricated .063" aluminum letter returns painted Wells Fargo Environments White.

5 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint, and Sherwin Williams. Paint specifications for each are noted above under Color and Materials.

SCALE: 1" = 1'

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556	
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520	
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines			22

E03 SIGNTYPE WFR2-RRCH-HI-ST-16

Colors and materials

M8 Sheet Aluminum

Paint, Glidden Drum Beat #A0279

Paint, Sherwin Williams, Dover White SW 6385

Notes and requirements

1 **CHANNEL LETTER FACE:** .125" Aluminum faces attached to .063" aluminum returns. Placement on the building limited to a maximum of 150 feet from the ground.

1a Letter faces painted Paint, Glidden Drum Beat #A0279

2 **CHANNEL LETTER RETURNS:** Fabricated .063" aluminum letter returns Paint, Sherwin Williams, Dover White SW 6385

3 **TRIMLESS LETTER BACK:** 3/4" clear acrylic backs with rebated edge inset into formed aluminum letters. NOTE: Finished letter backs to be cut to the exact outer contour of provided artwork at specified letter height. Rebated material to form shoulder 0.080" inside letter face contour as shown on drawing. Backs are mechanically attached to aluminum returns.

5 **MOUNTING:** Sign contractor responsible for field survey of existing conditions prior to shop drawing submittal. Shop drawings to include appropriate mechanical fasteners and anchors in shop drawings for pin mounting lettering to existing wall surfaces. Sign contractor to provide proper attachment method and hardware to attach letters to wall.

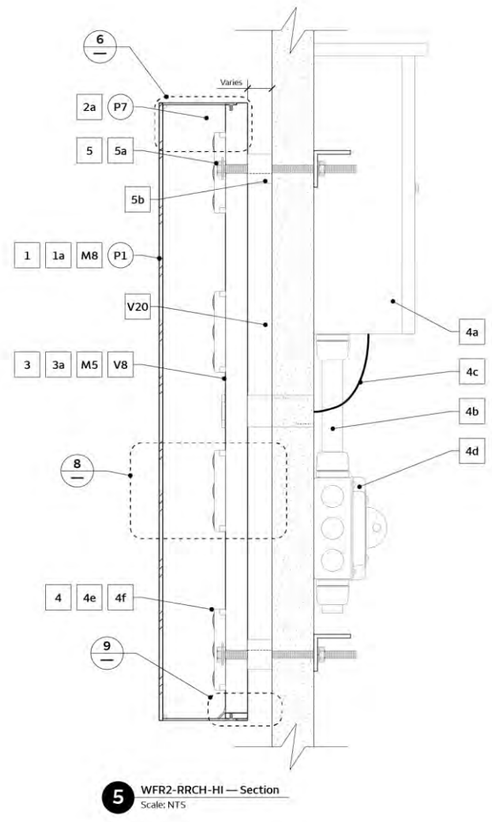
6 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials.

6a All paint colors must be applied over color compatible basecoat, as noted under Color and Materials.

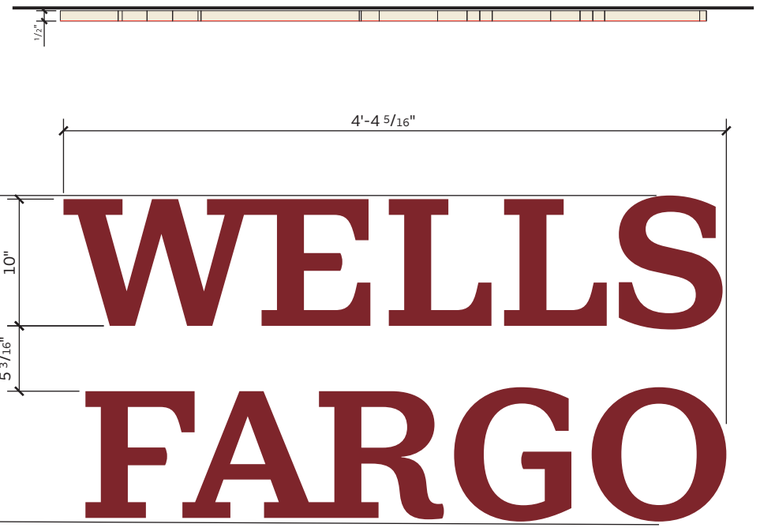
4 **LETTER ILLUMINATION:** White 24V LED modules. Sign contractor responsible for determining final module layouts based on letter form and size.

4a Power supply model specified by LED manufacturer mounted remotely inside approved enclosure. When letters are mounted to a background panel, power supplies may be self contained inside of hinged panel, but panel must be enclosure rated.

5 **MOUNTING:** Sign contractor responsible for field survey of existing conditions prior to shop drawing submittal. Shop drawings to include appropriate mechanical fasteners and anchors in shop drawings for pin mounting lettering to existing wall surfaces. Sign contractor to provide proper attachment method and hardware to attach letters to wall.



5 WFR2-RRCH-HI — Section
Scale: NTS



SCALE: 1" = 1'

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556	
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520	
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines			23

E04 SIGNTYPE WFR2-RRCH-H-12

Colors and materials

M8 Sheet Aluminum

Paint, Glidden Drum Beat #A0279

Paint, Sherwin Williams, Dover White SW 6385

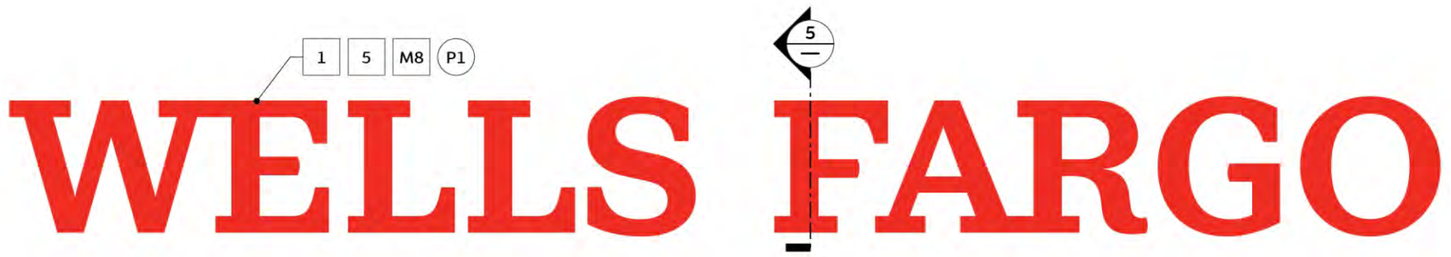
Notes and requirements

1 **CHANNEL LETTER FACES:** .125" thick aluminum faces welded to .063" aluminum returns. Painted Wells Fargo Environments Red. Placement on the building limited to a maximum of 150 feet from the ground.

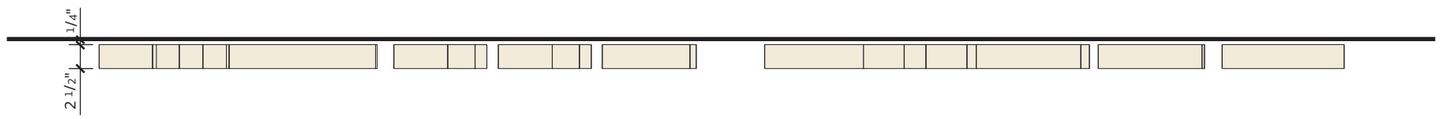
2 **CHANNEL LETTER RETURNS:** Fabricated .063" aluminum letter returns painted Wells Fargo Environments White.

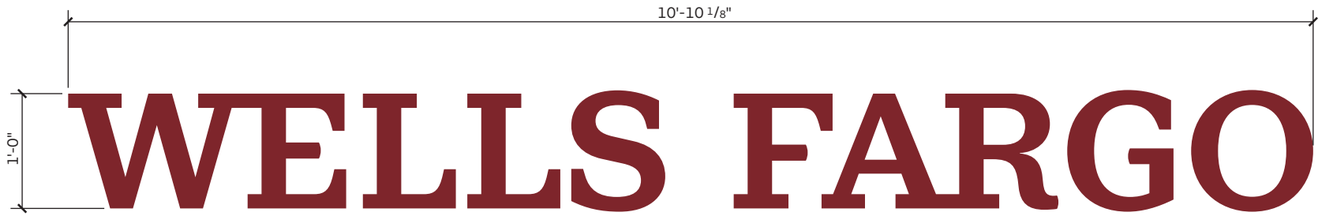
5 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint, and Sherwin Williams. Paint specifications for each are noted above under Color and Materials.

1 WFR2-RRCH-H Plan View
Scale: NTS



2 WFR2-RRCH-H Elevation
Scale: NTS





SCALE: 3/4" = 1'

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		24

E05 SIGNTYPE WFR2-RRCH-ST-16

Colors and materials

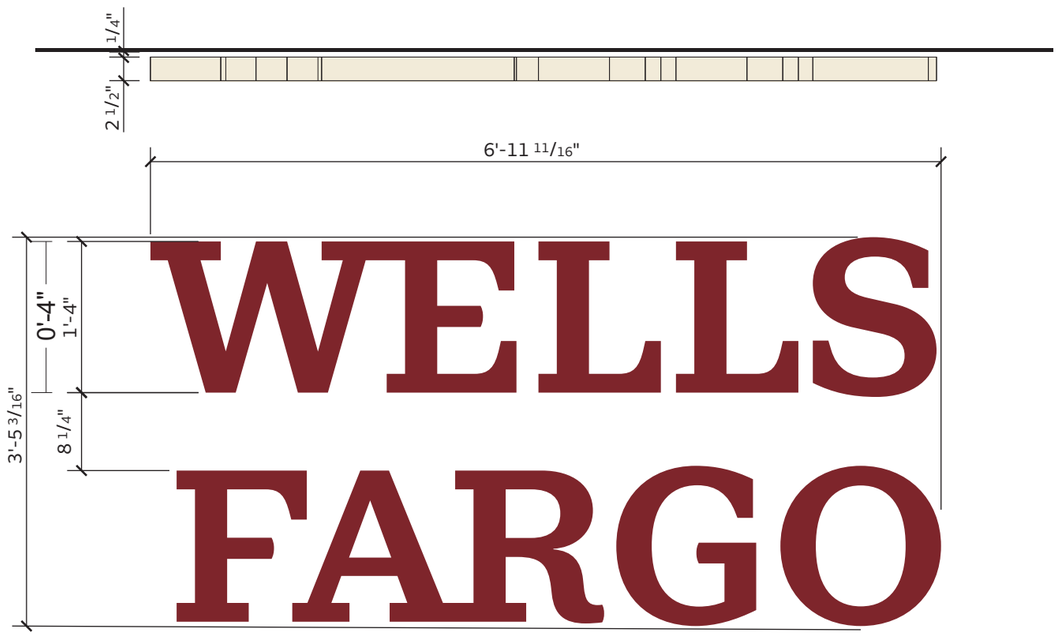
M8 Sheet Aluminum

Paint, Glidden Drum Beat #A0279

Paint, Sherwin Williams, Dover White SW 6385

3 WFR2-RCH-ST Plan
Scale: NTS

4 WFR2-RRCH-ST Elevation
Scale: NTS



SCALE: 3/4" = 1'

Notes and requirements

1 **CHANNEL LETTER FACES:** .125" thick aluminum faces welded to .063" aluminum returns. Painted Wells Fargo Environments Red. Placement on the building limited to a maximum of 150 feet from the ground.

2 **CHANNEL LETTER RETURNS:** Fabricated .063" aluminum letter returns painted Wells Fargo Environments White.

5 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint, and Sherwin Williams. Paint specifications for each are noted above under Color and Materials.

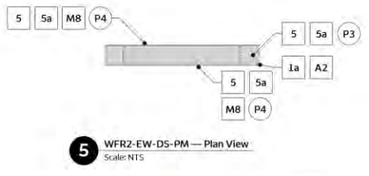
HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

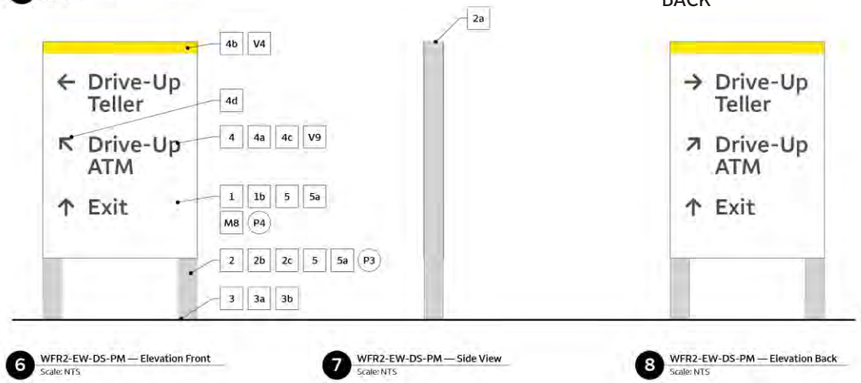
JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		25

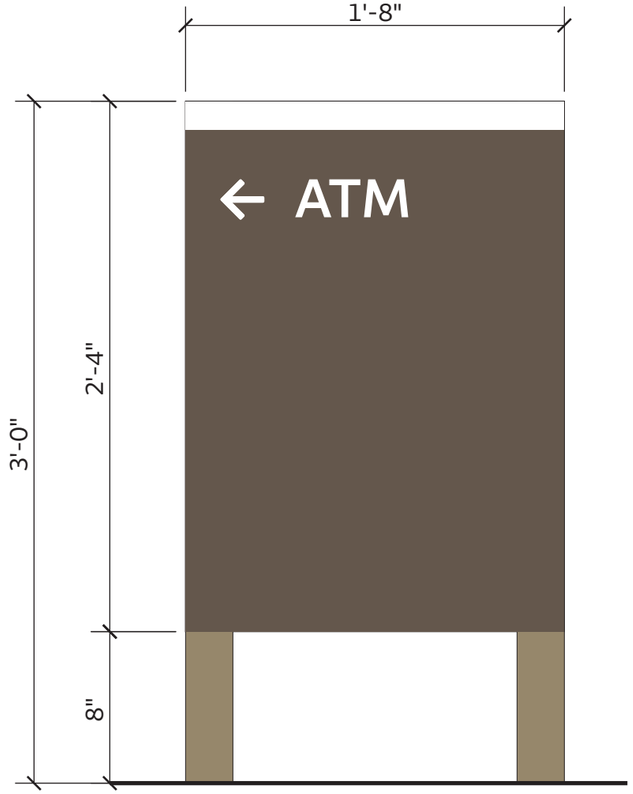
E06 SIGNTYPE WFR2-EW-DS-PM-28-36

Colors and materials

- A2 — Epoxy, 3M Scotch-Weld DP420
- M8 — Sheet Aluminum
- Paint, Sherwin Williams, G4-5779595
- Paint, Sherwin Williams, G4-5779594
- Opaque Vinyl, 3M White







Notes and requirements

1. **PANEL (POST MOUNTED):** .090" aluminum panel with surface applied vinyl graphics. Sign face is painted white on all visible surfaces. One or both faces of sign may be used for directional messaging.
- 1a Face panel to be attached to post using epoxy adhesive applied per manufacturer specifications. Adhesive to be applied onto all areas of contact between face panel and post. Ensure no adhesive is visible between panels and post.
- 1b All surfaces to be free of visible seams or adhesive.
2. **POST:** 6061-T6 aluminum 2 1/2" x 2 1/2" square tubing stock material.
- 2a Top of sign is enclosed with 2 1/2" x 2 1/2" square aluminum tubing. No exposed fasteners.
- 2b All visible welds to be ground smooth prior to painting.
- 2c Paint all visible surfaces of post Wells Fargo Environments Silver.
3. **MOUNTING (POST):** Sign contractor to conduct field survey prior to fabrication and provide engineered footing details with shop drawings.
- 3a Posts to be set in poured concrete footing, with 6" mow strip flush to grade when located in lawn areas.
- 3b Contractor to ensure structure and footings will withstand local windloading and environmental conditions, and verify adherence to local building and sign codes.
4. **GRAPHICS:** Wells Fargo Sans font family, kiss cut vinyl letters and arrows. Align arrows and/or copy as shown in the exhibits.
- 4a Kiss-cut vinyl letters and arrows.
- 4b Yellow band, 3M vinyl Wells Fargo Environments Yellow.
- 4c All copy to be approved by Wells Fargo. Artwork to be provided by Kraido.
- 4d Use provided arrow artwork and dimensions. Arrows are aligned horizontally on their center, and centered vertically on the cap height of the adjacent message.
5. **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory-applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.
- 5a All paint colors must be applied over color-compatible basecoat, as noted under Color and Materials. Sides of panel are to be painted white.

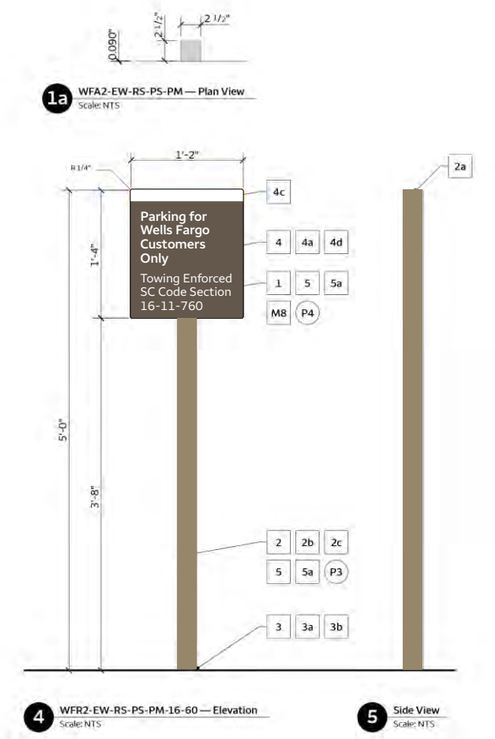
HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		26

E07 SIGNTYPE WFR2-EW-RS-PS-PM-16-60 QTY 5

Colors and materials

- A2 — Epoxy, 3M Scotch-Weld DP420
- M8 — Sheet Aluminum
- Paint, Sherwin Williams, G4-5779595
- Paint, Sherwin Williams, G4-5779594
- Opaque Vinyl, 3M White



Parking for Wells Fargo Customers Only

Towing Enforced SC Code Section 16-11-760

Notes and requirements

1 **PANEL:** .090" aluminum panel (1/4" radius corners) with surface applied vinyl graphics. Sign face is painted white on all visible surfaces. Sides of panel are to be painted white.

1a Face panel to be attached to post using epoxy adhesive applied per manufacturer specifications. Adhesive to be applied onto all areas of contact between face panel and post. Ensure no adhesive is visible between panels and post.

1b All surfaces to be free of visible seams or adhesive.

2 **POST:** 6061-T6 aluminum 2 1/2" x 2 1/2" square tubing stock material.

2a Cap top of post with aluminum cap, welded or adhered in place with epoxy. No exposed fasteners.

2b All visible welds to be ground smooth prior to painting.

2c Paint all visible surfaces of post Wells Fargo Environments Silver.

3 **MOUNTING:** Sign contractor to conduct field survey prior to fabrication and provide engineered footing details with shop drawings.

3a Posts to be set in poured concrete footing, with 6" mow strip flush to grade when located in lawn areas.

3b Contractor to ensure structure and footings will withstand local windloading and environmental conditions, and verify adherence to local building and sign codes.

4 **GRAPHICS:** Wells Fargo Sans font family, kiss cut vinyl letters. Align arrows and/or copy as shown in the exhibits.

4a Kiss cut vinyl letters, arrows and symbols.

4b Kiss cut International Symbol of Access.

4c Yellow band, 3M vinyl Wells Fargo Environments Yellow.

4d All copy to be approved by Wells Fargo. Artwork to be provided by Kraido.

5 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

5a All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

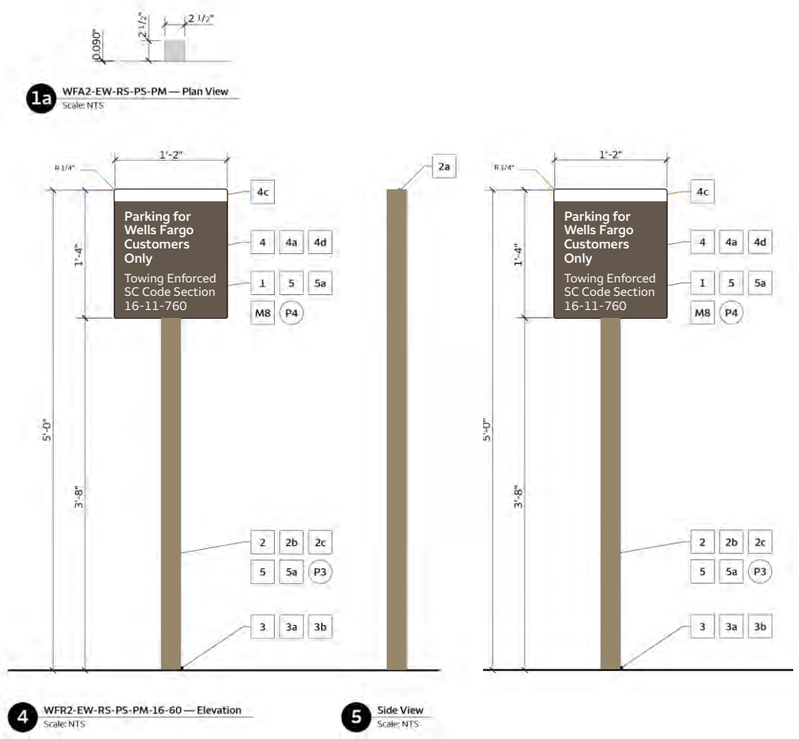
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		27

E08 SIGNTYPE WFR2-EW-RS-PS-PM-16-60

CUSTOM COMMENTS:
NOTE: THIS PARKING SIGN IS DOUBLE SIDED

Colors and materials

- A2 — Epoxy, 3M Scotch-Weld DP420
- M8 — Sheet Aluminum
- Paint, Sherwin Williams, G4-5779595
- Paint, Sherwin Williams, G4-5779594
- Opaque Vinyl, 3M White



Parking for Wells Fargo Customers Only

Towing Enforced SC Code Section 16-11-760

Notes and requirements

1 **PANEL:** .090" aluminum panel (1/4" radius corners) with surface applied vinyl graphics. Sign face is painted white on all visible surfaces. Sides of panel are to be painted white.

1a Face panel to be attached to post using epoxy adhesive applied per manufacturer specifications. Adhesive to be applied onto all areas of contact between face panel and post. Ensure no adhesive is visible between panels and post.

1b All surfaces to be free of visible seams or adhesive.

2 **POST:** 6061-T6 aluminum 2 1/2" x 2 1/2" square tubing stock material.

2a Cap top of post with aluminum cap, welded or adhered in place with epoxy. No exposed fasteners.

2b All visible welds to be ground smooth prior to painting.

2c Paint all visible surfaces of post Wells Fargo Environments Silver.

3 **MOUNTING:** Sign contractor to conduct field survey prior to fabrication and provide engineered footing details with shop drawings.

3a Posts to be set in poured concrete footing, with 6" mow strip flush to grade when located in lawn areas.

3b Contractor to ensure structure and footings will withstand local windloading and environmental conditions, and verify adherence to local building and sign codes.

4 **GRAPHICS:** Wells Fargo Sans font family, kiss cut vinyl letters. Align arrows and/or copy as shown in the exhibits.

4a Kiss cut vinyl letters, arrows and symbols.

4b Kiss cut International Symbol of Access.

4c Yellow band, 3M vinyl Wells Fargo Environments Yellow.

4d All copy to be approved by Wells Fargo. Artwork to be provided by Kraido.

5 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

5a All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

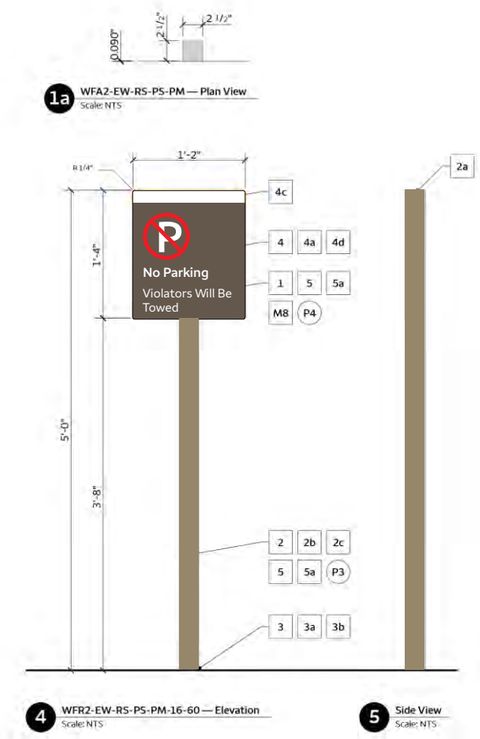
HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

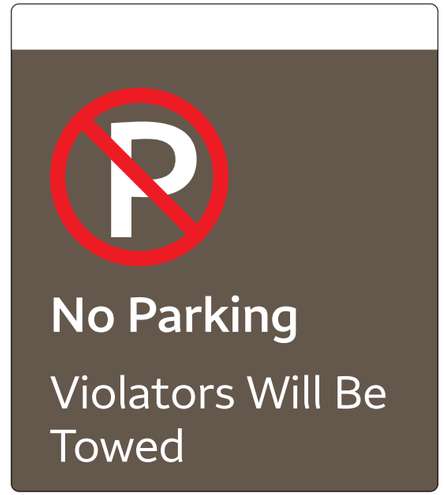
JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556	
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520	
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines			28

E09 SIGNTYPE WFR2-EW-RS-PS-PM-16-60

Colors and materials

- A2 — Epoxy, 3M Scotch-Weld DP420
- M8 — Sheet Aluminum
- P — Paint, Sherwin Williams, G4-5779595
- P — Paint, Sherwin Williams, G4-5779594
- V — Opaque Vinyl, 3M White
- V — Opaque, Vinyl, Red, PMS 485 CVC





Notes and requirements

1 **PANEL:** .090" aluminum panel (1/4" radius corners) with surface applied vinyl graphics. Sign face is painted white on all visible surfaces. Sides of panel are to be painted white.

1a Face panel to be attached to post using epoxy adhesive applied per manufacturer specifications. Adhesive to be applied onto all areas of contact between face panel and post. Ensure no adhesive is visible between panels and post.

1b All surfaces to be free of visible seams or adhesive.

2 **POST:** 6061-T6 aluminum 2 1/2" x 2 1/2" square tubing stock material.

2a Cap top of post with aluminum cap, welded or adhered in place with epoxy. No exposed fasteners.

2b All visible welds to be ground smooth prior to painting.

2c Paint all visible surfaces of post Wells Fargo Environments Silver.

3 **MOUNTING:** Sign contractor to conduct field survey prior to fabrication and provide engineered footing details with shop drawings.

3a Posts to be set in poured concrete footing, with 6" mow strip flush to grade when located in lawn areas.

3b Contractor to ensure structure and footings will withstand local windloading and environmental conditions, and verify adherence to local building and sign codes.

4 **GRAPHICS:** Wells Fargo Sans font family, kiss cut vinyl letters. Align arrows and/or copy as shown in the exhibits.

4a Kiss cut vinyl letters, arrows and symbols.

4b Kiss cut International Symbol of Access.

4c Yellow band, 3M vinyl Wells Fargo Environments Yellow.

4d All copy to be approved by Wells Fargo. Artwork to be provided by Kraido.

5 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

5a All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

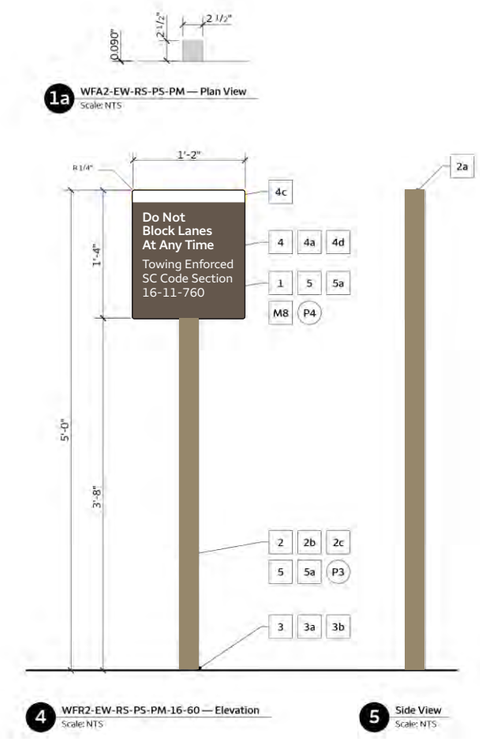
JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		29

E10 SIGNTYPE WFR2-EW-RS-PS-PM-16-60

Colors and materials

- A2 — Epoxy, 3M Scotch-Weld DP420
- M8 — Sheet Aluminum
- P — Paint, Sherwin Williams, G4-5779595
- P — Paint, Sherwin Williams, G4-5779594
- V — Opaque Vinyl, 3M White



Do Not
Block Lanes
At Any Time

Towing Enforced
SC Code Section
16-11-760

Notes and requirements

1. **PANEL:** .090" aluminum panel (1/4" radius corners) with surface applied vinyl graphics. Sign face is painted white on all visible surfaces. Sides of panel are to be painted white.

1a. Face panel to be attached to post using epoxy adhesive applied per manufacturer specifications. Adhesive to be applied onto all areas of contact between face panel and post. Ensure no adhesive is visible between panels and post.

1b. All surfaces to be free of visible seams or adhesive.

2. **POST:** 6061-T6 aluminum 2 1/2" x 2 1/2" square tubing stock material.

2a. Cap top of post with aluminum cap, welded or adhered in place with epoxy. No exposed fasteners.

2b. All visible welds to be ground smooth prior to painting.

2c. Paint all visible surfaces of post Wells Fargo Environments Silver.

3. **MOUNTING:** Sign contractor to conduct field survey prior to fabrication and provide engineered footing details with shop drawings.

3a. Posts to be set in poured concrete footing, with 6" mow strip flush to grade when located in lawn areas.

3b. Contractor to ensure structure and footings will withstand local windloading and environmental conditions, and verify adherence to local building and sign codes.

4. **GRAPHICS:** Wells Fargo Sans font family, kiss cut vinyl letters. Align arrows and/or copy as shown in the exhibits.

4a. Kiss cut vinyl letters, arrows and symbols.

4b. Kiss cut International Symbol of Access.

4c. Yellow band, 3M vinyl Wells Fargo Environments Yellow.

4d. All copy to be approved by Wells Fargo. Artwork to be provided by Kraido.

5. **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

5a. All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		30

NE11 SIGNTYPE WFR2-EW-OS-LG

Colors and materials

M8		Sheet Aluminum
P		Paint, Sherwin Williams, G4-5779595
V		Opaque Vinyl, 3M White

Notes and requirements

1 **SIGN PANEL:** 1/8" thick aluminum painted (face and edges) with first surface applied opaque vinyl.

3 **COPY:** Wells Fargo Sans font family, kiss cut vinyl letters, 3M vinyl 7125-101 Nimbus Gray.

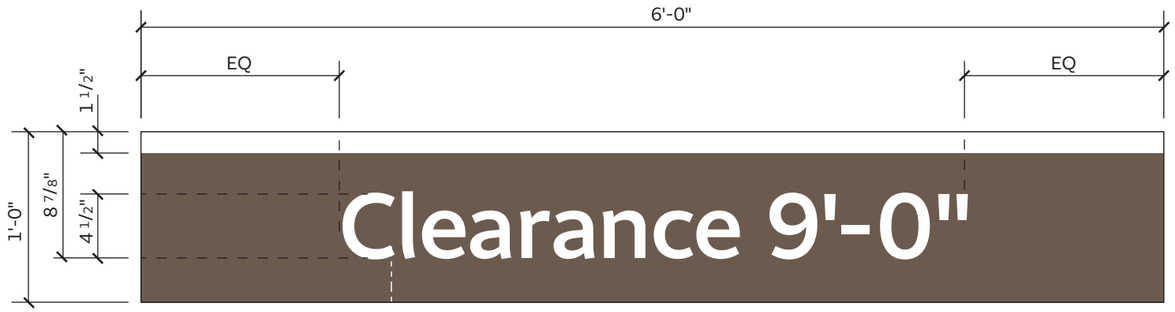
4 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

4a All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

2 WFR2-EW-OS — Plan View (Typical)
Scale: NTS

3 WFR2-EW-OS — Layout Example
Scale: NTS

5 WFR2-EW-OS — Side View (Typical)
Scale: NTS



HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556	
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520	
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines			31

E12 SIGNTYPE WFR2-DU-WP

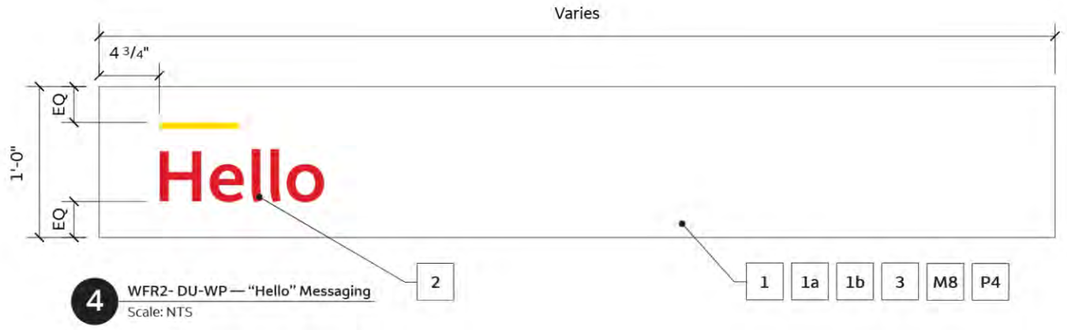
Colors and materials

M8 — Sheet Aluminum

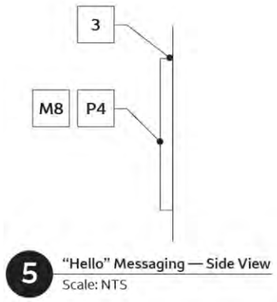
P — Paint, Sherwin Williams, Dover White SW 6385

P — Paint, Glidden Drum Beat #A0279

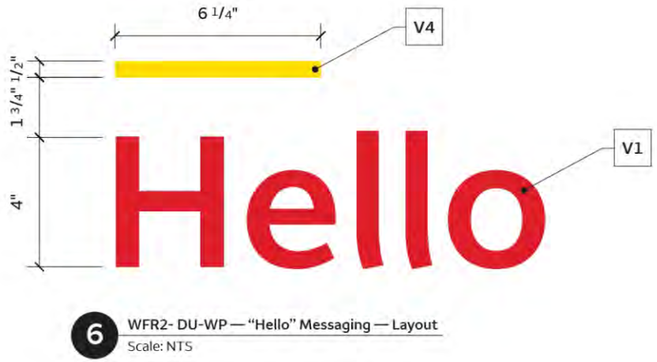
V4 — Opaque Vinyl, 3M 7725-4330, Wells Fargo Environments Yellow



4 WFR2- DU-WP — "Hello" Messaging
Scale: NTS



5 "Hello" Messaging — Side View
Scale: NTS



6 WFR2- DU-WP — "Hello" Messaging — Layout
Scale: NTS

Notes and requirements

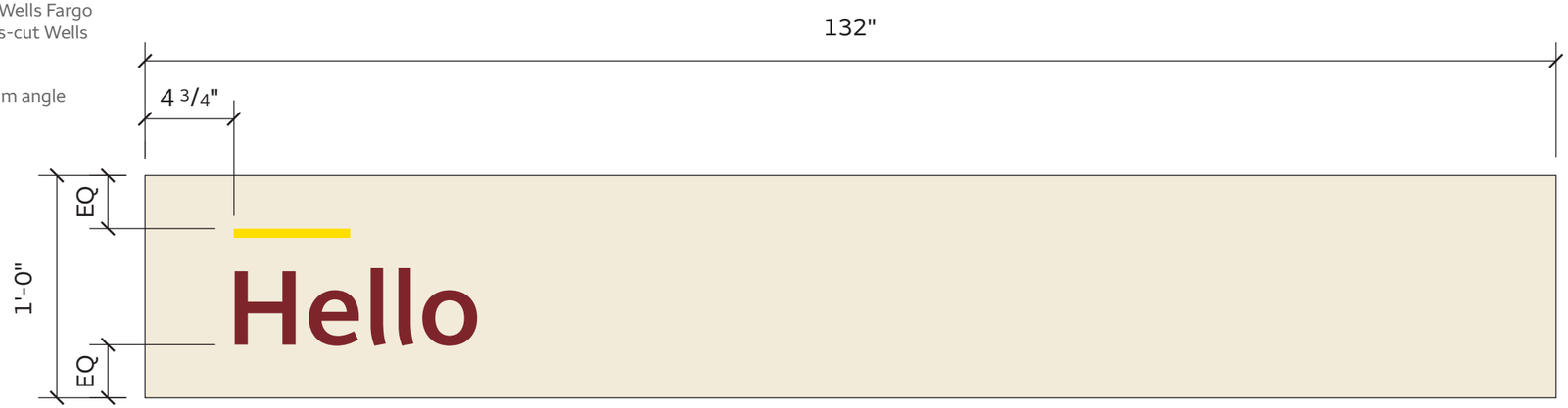
1 **DRIVE-UP HELLO WALL PANEL:** Welded .080" aluminum, or routed and brake-formed 4mm thick aluminum composite material (ACM) panels. Paint all visible surfaces to match Wells Fargo Environments White. Mounted on building or wall surface. Sign contractor responsible for adherence to local building and sign codes.

1a Aluminum panel return depth 1-1/8".

1b Panel to align with left outside edge of window frame as shown. When replacing legacy signage, extend panel to conceal wall damage.

2 **PANEL GRAPHICS:** Letters are first surface applied kiss-cut Wells Fargo Environments Red vinyl. Signal bar is first surface applied kiss-cut Wells Fargo Environments Yellow vinyl.

3 **MOUNTING:** Panel installed over 1" x 1" x 1/8" thick aluminum angle frame with cleat type brackets attached to wall surface.



HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		32

E13 SIGNTYPE WFR2-DU-WG (BY MILLER ZELL)

Notes and requirements

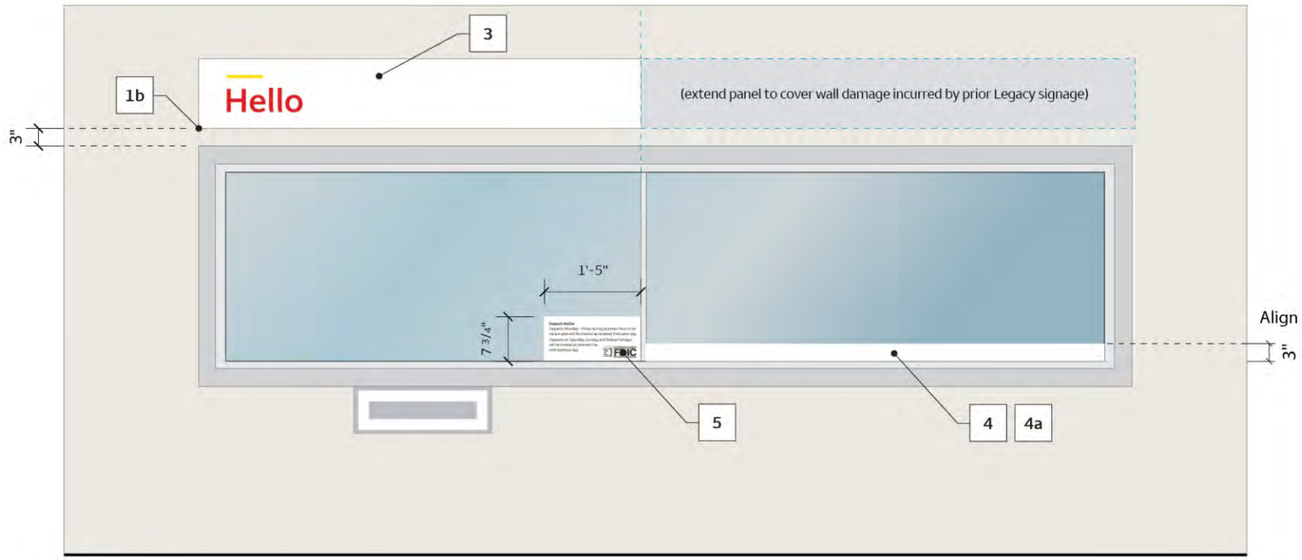
1b Panel to align with left outside edge of window frame as shown. When replacing legacy signage, extend panel to conceal wall damage.

3 **MOUNTING:** Panel installed over 1” x 1” x 1/8” thick aluminum angle frame with cleat type brackets attached to wall surface.

4 **WHITE BAND:** White opaque vinyl band, applied to first surface of glass window.

4a Decal band to align with bottom of glass and applied on first surface of exterior surfaces of glass window. Where decals meet edge of glass frame vinyl is to be trimmed to fit flush, without gaps.

5 **DEPOSIT NOTICE/FDIC DECAL:** Digitally printed to match Wells Fargo Environments Nimbus Gray - QSP Digital Match.



1 WFR2-DU — Drive-Up Window Elevation
Scale: NTS

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		33

NE14 SIGNTYPE WFR2-EW-OS-LG

Colors and materials

M8		Sheet Aluminum
P		Paint, Sherwin Williams, G4-5779595
V		Opaque Vinyl, 3M White
V		Opaque, Vinyl, Red, PMS 485 CVC

Notes and requirements

1 **SIGN PANEL:** 1/8" thick aluminum painted (face and edges) with first surface applied opaque vinyl.

3 **COPY:** Wells Fargo Sans font family, kiss cut vinyl letters, 3M vinyl 7125-101 Nimbus Gray.

4 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

4a All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

2 WFR2-EW-OS — Plan View (Typical)
Scale: NTS

3 WFR2-EW-OS — Layout Example
Scale: NTS

5 WFR2-EW-OS — Side View (Typical)
Scale: NTS

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556	
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520	
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines			34

Colors and materials

M8		Sheet Aluminum
P		Paint, Sherwin Williams, G4-5779595
V		Opaque Vinyl, 3M White

Notes and requirements

1 **SIGN PANEL:** 1/8" thick aluminum painted (face and edges) with first surface applied opaque vinyl.

3 **COPY:** Wells Fargo Sans font family, kiss cut vinyl letters, 3M vinyl 7125-101 Nimbus Gray.

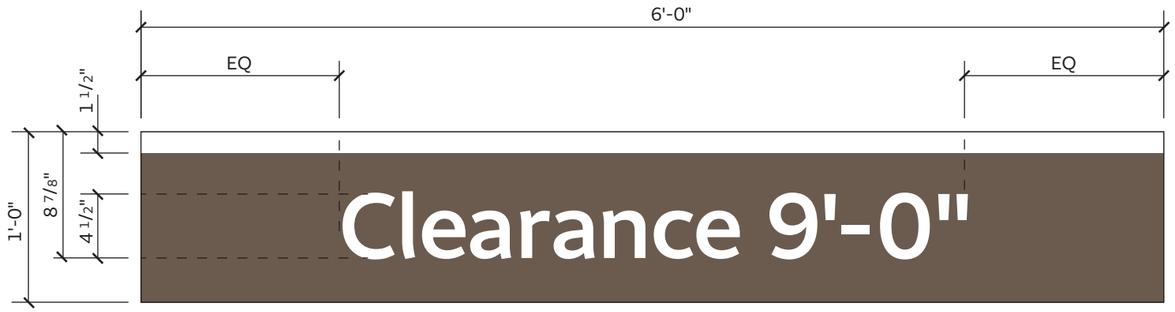
4 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

4a All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

2 WFR2-EW-OS — Plan View (Typical)
Scale: NTS

3 WFR2-EW-OS — Layout Example
Scale: NTS

5 WFR2-EW-OS — Side View (Typical)
Scale: NTS



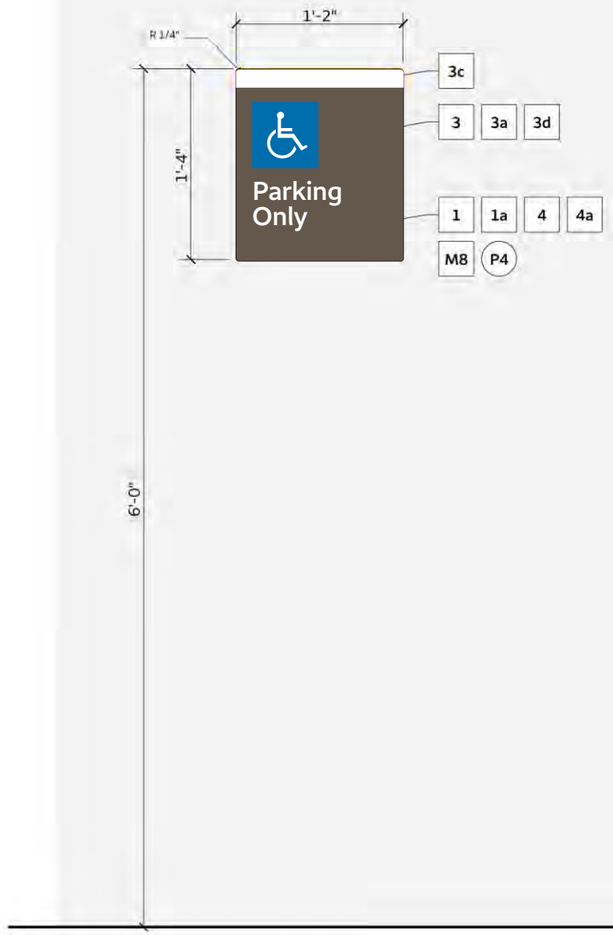
HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556	
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520	
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines			35

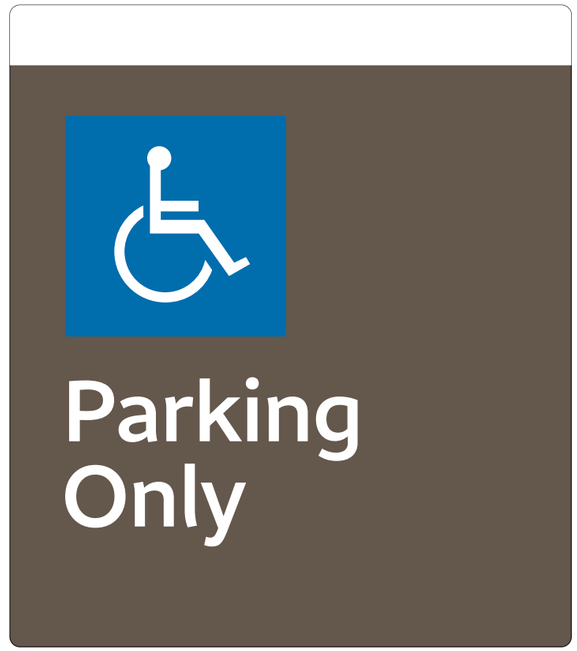
E17 SIGNTYPE WFR2-EW-RS-PS-WM-16-72

Colors and materials

- A1 — VHB Adhesive Tape, 3M 4991 Gray
- A3 — Adhesive Sealant,3M 5200 Polyurethane, Opaque White
- M8 — Sheet Aluminum
- P — Paint, Sherwin Williams, G4-5779595
- V — Opaque Vinyl, 3M White



3 WFR2-EW-RS-PS-WM-16-72 — Elevation
Scale: NTS



Notes and requirements

1 **PANEL:** .090" aluminum panel (1/4" radius corners) with surface applied vinyl graphics. Sign face is painted white on all visible surfaces. Sides of panel are to be painted white.

1a Face panel to be attached to post using epoxy adhesive applied per manufacturer specifications. Adhesive to be applied onto all areas of contact between face panel and post. Ensure no adhesive is visible between panels and post.

2 **WALL MOUNTED:** Face panel to be attached to wall using 3M VHB foam tape and clear silicone adhesive applied per manufacturer specifications. Adhesive to be applied along all edges of face panel. Ensure no adhesive is visible between panel and wall.

3 **GRAPHICS:** Wells Fargo Sans font family, kiss cut vinyl letters. Align arrows and/or copy as shown in the exhibits.

3a Kiss cut vinyl letters, arrows and symbols.

3b Kiss cut International Symbol of Access.

3c Yellow band, 3M vinyl Wells Fargo Environments Yellow.

3d All copy to be approved by Wells Fargo. Artwork to be provided by Kraido.

4 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

4a All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

Colors and materials

- V4 — Opaque Vinyl, 3M 7725-4330, Wells Fargo Environments Yellow
- V9 — Opaque Vinyl, 3M 7725-101, Nimbus Gray
- V12 — Reflectorized Vinyl, 3M Scotchlite 680-76, Blue

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		36

E18 SIGNTYPE WFR2-WE-G-FLX (BY MILLER ZELL)

Colors and materials

Vinyl, color match to Glidden Drum Beat #A0279

V6 — Opaque Vinyl, 3M 7725-10, White

V14 — Clear Vinyl, 3M 8520, Matte Overlaminate

V15 — Clear Vinyl, 3M IJ8150, Substrate

Notes and requirements

1 **VERTICAL BAND:** Digitally printed on optically clear film and laminated with matte clear overlaminate. This is a layered print on clear film to get a consistent color read from an exterior view and from an interior view. The exterior graphic is red with two layers of white on the back, then a layer of black and two more layers of white. The interior graphic is two layers of white with a layer of black, two additional layers of white and a layer of red on the back. The exterior graphic is installed and trimmed on the exterior surface of the glass door and the interior graphic is installed and trimmed on the interior side of the glass door directly behind and aligned with each other.

1a Exterior decal is digitally printed on optically clear film to match WF Environments Red QSP Digital Match background with printed white Wells Fargo stacked wordmark and messaging. Matte clear overlaminate applied on top. Flexible Hours Display Panel is adhered to Welcome Entry Graphics with VHB tape. Interior facing side to be digitally printed white for a consistent read through the glass. No additional messaging shall be added unless approved by Wells Fargo.

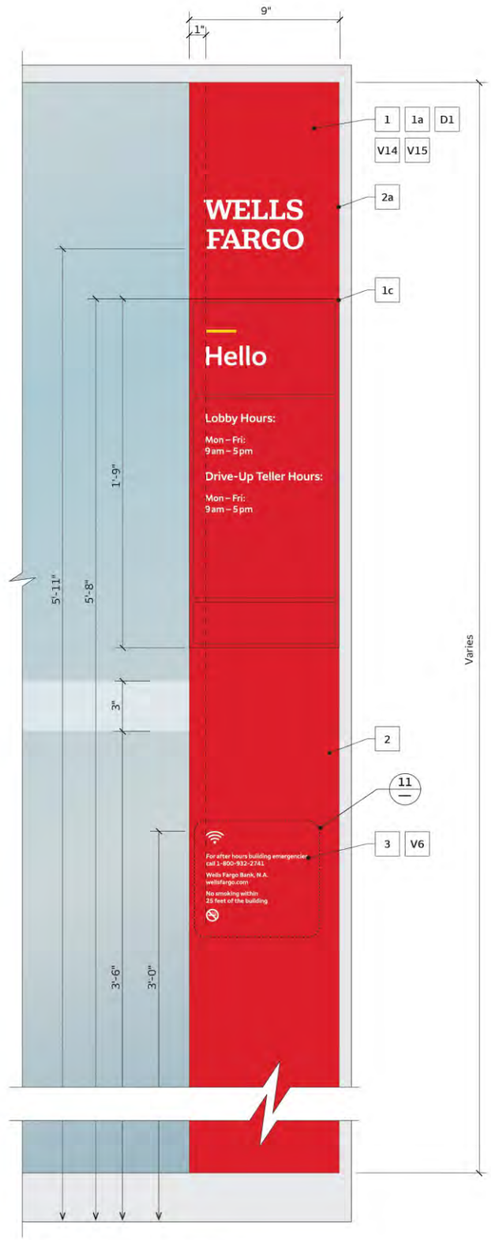
1b Interior decal is printed white on optically clear film. Messaging is digitally printed to match WF Environments Red QSP Digital Match, yellow line to match WF Environments Yellow QSP Digital Match. If a push bar is present, position "Connect with us anywhere, anytime" either 1 -1/2" below or 1 - 1/2" above the push bar. Matte clear overlaminate applied on top. Exterior facing side to be digitally printed red for a consistent read through the glass.

1c **FLEXIBLE HOURS DISPLAY PANEL:** Applied to Welcome Entry Graphics with VHB tape. Hours panel is interchangeable. See Flexible Hours Display panel asset for more information.

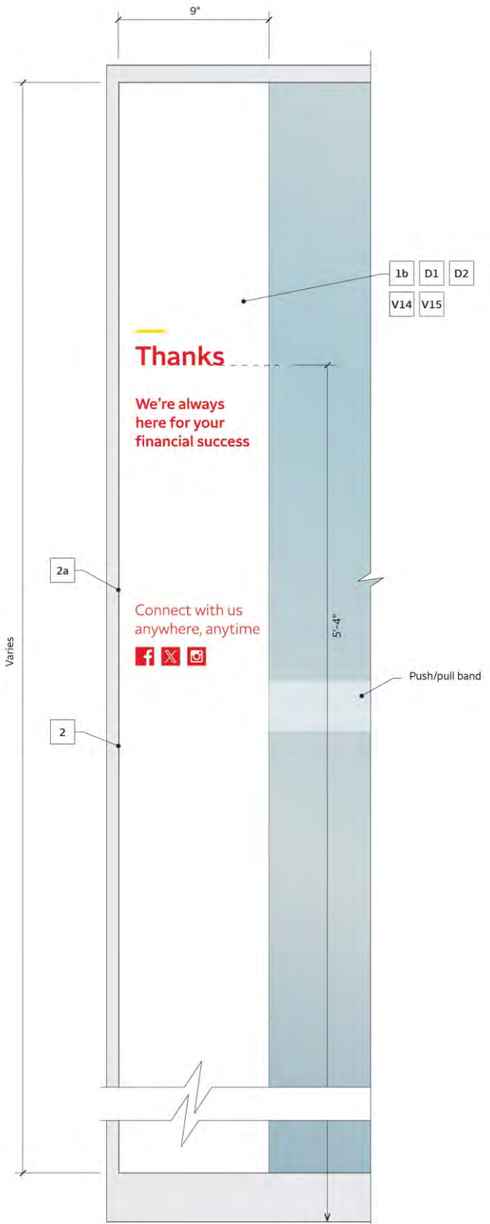
2 **DOOR FRAME:** Existing door frame. Contractor to field verify conditions and dimensions.

2a Where decals meet edge of glass or door frame they are to be trimmed to fit flush and straight, without gaps.

3 **VINYL GRAPHICS/DOOR INFORMATION:** Copy set in Wells Fargo Sans SemiBold and digitally printed on vinyl.



7 Details — Entry Doors Vinyl (Exterior)
Scale: NTS



8 Details — Entry Doors Vinyl (Interior)
Scale: NTS

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		37

E19 SIGNTYPE WFR2-DI-G-FLX (BY MILLER ZELL)

Colors and materials

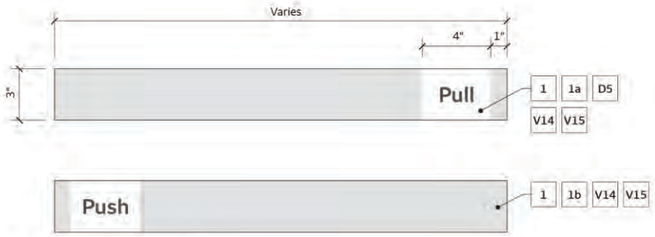
- D5 — Wells Fargo Environments Nimbus Gray - QSP Digital Match
- D7 — Wells Fargo Environments White – QSP Digital Match
- V14 — Clear Vinyl, 3M 8520, Matte Overlaminate
- V15 — Clear Vinyl, 3M IJ8150, Substrate

Notes and requirements

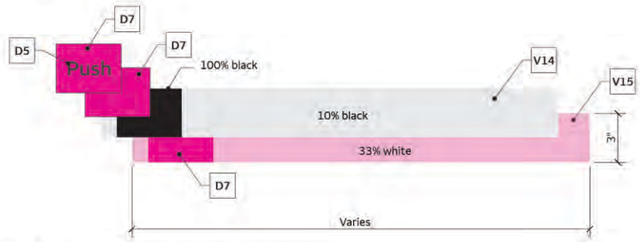
1 **PUSH/PULL BAND:** First surface digitally printed decal applied to exterior and interior surfaces of glass door. Conduct site inspection prior to fabrication to determine the need for Push/Pull graphics and their application requirements, and to verify location and dimensions of any existing door exit bar or push bar.

1a Digitally printed on clear vinyl, with matte clear overlaminate. Push/Pull lettering to match WF Environments Nimbus Gray QSP Digital Match on printed white rectangle.

1b The frosted effect is achieved by digitally printing layers on clear vinyl with clear matte overlaminate.
Layer 1: digital print - 33% white band with 100% solid white field
Layer 2: digital print - 10% black band with 100% solid black field
Layer 3: digital print - 100% white solid field
Layer 4: digital print - 100% white solid field with gray "Push/Pull" copy digitally printed WF Environments Nimbus Gray



3 Details — Push/Pull Band
Scale: NTS



3a Details — Push/Pull Band Print Layering
Scale: NTS

Colors and materials

- D2 — Wells Fargo Environments Yellow - QSP Digital Match when printed on HP R2000 latex printer
- D5 — Wells Fargo Environments Nimbus Gray - QSP Digital Match
- D11 — ADA Blue
- V13 — Opaque Vinyl, 3M IJ180-10, White Substrate
- V14 — Clear Vinyl, 3M 8520, Matte Overlaminate

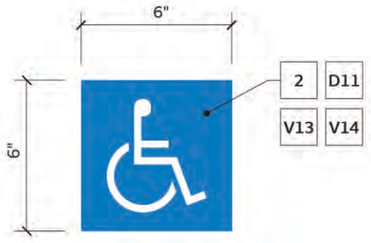
Notes and requirements

2 **ACCESSIBILITY SYMBOL:** Digitally printed code required International Symbol of Accessibility decal applied on opaque vinyl. Applied first surface to exterior sidelight glass or window. Install decal to align with and obscure existing exit sign attached on inside of glass at side of door. This type of sign identifies entrances that are ADA accessible.

3a Accessible decal to align with top and vertical edge of interior Exit Route sign.

5 **WINDOW DECAL:** Digitally printed on white opaque vinyl substrate. Install decal on first surface (exterior side) of glazing.

5a Decal is digitally printed so that yellow accent at top is printed to match WF Environments Yellow QSP Digital Match and gray copy is printed to match WF Environments Nimbus Gray QSP Digital Match, matte clear overlaminate.



4 Accessibility Entry Decal
Scale: NTS

4a Elevation — ADA Decal Placement
Scale: NTS

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO

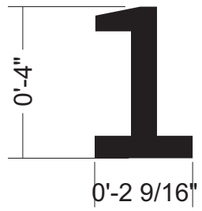
JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		38

NE20 **SIGNTYPE** **WFR2-24-70556-XXX** **QTY 2**

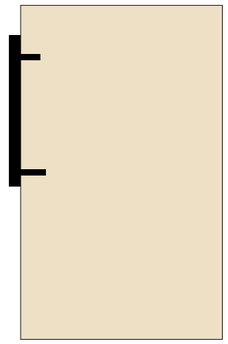
Colors and materials

M8 Sheet Aluminum

P Paint, Sherwin Williams, Satin Black



SCALE: 3" = 1'



CUT THROUGH SIDE VIEW
MOUNTED

Notes and requirements

1 **SIGN PANEL:** 1/8" thick aluminum painted (face and edges)

3 **COPY:** Wells Fargo Sans font family, SemiBold

4 **PAINTING:** There are three paint supplier options as follows for all colors: AkzoNobel, Matthews Paint and Sherwin Williams. Paint specifications for each are noted above under Color and Materials. Factory applied finishes are to be used for the ground signs whenever possible. However, if site conditions do not allow for using paint formulations that are based on factory applications in controlled environments, then field paint options are available for ground signs as noted. The field paint options are roller coat applications and require special additives as noted and specified. Using an additive will alter the VOC level of the existing paint formula, therefore it is the responsibility of the sign vendor to ensure local VOC regulations are met.

4a All paint colors must be applied over color compatible base coat, as noted under Color and Materials.

5 FCO address number to be pinned and adhered to surface

HILTONDISPLAYS
125 HILLSIDE DRIVE • GREENVILLE SC 29607
P 800 353 9132 • F 864 242 2204
www.hiltondisplays.com

JOB INFO				
	JOB NAME: WELLS FARGO	SALESMAN: KEVIN LILLER	DATE: 02-02-24	QID# 24-70556
	LOCATION: 1 GREENWOOD DRIVE	DESIGNER: BEN TOMPSETT	SCALE: AS NOTED	BE # 142520
	CITY/STATE: HILTON HEAD ISLAND, SC	FILE: 2024\Wells Fargo\2024 Refresh\Locations\Hilton Head Island SC\24-70556\142520 Sea Pines		39

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: 1 Greenwood Drive

DRB#: DRB-000960-2024

DATE: 7/23/2024

CATEGORY: Final Review
Sign System

RECOMMENDATION: Approval ☐ Approval with Conditions ☒ Denial ☐

APPLICATION MATERIAL

DRB REQUIREMENTS	Complies Yes	No	Not Applicable	Comments or Conditions
Demolition Plan if needed	☐	☐	☒	
Existing Conditions match As-Built	☒	☐	☐	
Dimensioned Details and of Sections	☒	☐	☐	
Detail Illustrating Connection to Existing Structure	☒	☐	☐	
New Building Details Match Existing Building Details	☐	☐	☒	

ARCHITECTURAL DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Structure is designed to be appropriate to the neighborhood	☐	☐	☒	
Promotes pedestrian scale and circulation	☐	☐	☒	
Design is unobtrusive and set into the natural environment	☐	☐	☒	
Utilizes natural materials and colors	☒	☐	☐	
Avoids distinctive vernacular styles	☐	☐	☒	
Design is appropriate for its use	☒	☐	☐	

All facades shall have equal design characteristics	☐	☐	☒	
Avoids monotonous planes or unrelieved repetition	☐	☐	☒	
Has a strong roof form with enough variety to provide visual interest	☐	☐	☒	
Overhangs are sufficient for the façade height.	☐	☐	☒	
Forms an details are sufficient to reduce the mass of the structure	☐	☐	☒	
Human scale is achieved by the use of proper proportions and architectural elements	☐	☐	☒	
Utilizes a variety of materials, textures and colors	☒	☐	☐	
Incorporates wood or wood simulating materials	☐	☐	☒	
Windows are in proportion to the facade	☐	☐	☒	
Details are clean, simple and appropriate while avoiding excessive ornamentation	☒	☐	☐	
Utilities and equipment are concealed from view	☐	☐	☒	
Decorative lighting is limited and low wattage and adds to the visual character	☒	☐	☐	
Accessory elements are designed to coordinate with the primary structure	☒	☐	☐	

COMMENTS & CONDITIONS

Final review comments for July 23, 2024, are the following:

1. Staff recommends approval with conditions:
    a. Show the back side of the monument sign and indicate the proposed graphics.
    b. The address number on the monument sign must not contrast in color.

51 S. SOUTH FOREST BEACH DRIVE
ALTERATION / ADDITION
July 23, 2024
DRB-000967-2024

7/2

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 #: 09e7-2024
Meeting Date:

Applicant/Agent Name: Gordon Wade Company: Protective Coating Solutions LLC
Mailing Address: PO Box 301036 City: Acworth State: GA. Zip: 30101
Telephone: 678-516-7192 Fax: NA E-mail: Dee@PCSgroupLLC.com
Project Name: Marriotts Grande Ocean Project Address: 51 South Forest Dr. HHI, SC 29928
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
_____ Final Approval – Proposed Development
✓ Repainting Buildings Alteration/Addition
_____ 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.

09167-2024

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.

Gordon D Wade
SIGNATURE

7-1-24
DATE

Last Revised 01.21.13

51 S. SOUTH FOREST BEACH DRIVE PLAN SET

Marriott's Grande Ocean

0967-2024

51 South Forest Beach Drive, Hilton Head Island, SC 29928 • 843-686-7343

Your Villa _____

DINING AND BARS

1. The Dolphin Grille
2. Loggerhead Landing Pool Bar

POOLS

3. Dolphin Pool
4. Indoor Pool
5. Lap Pool
6. North Pool
7. South Pool
8. Splash Pad
9. Tot Pool
10. Whirlpool Spa

RECREATION

11. Activity Center
12. Activity Room
13. Bike Shop
14. Crow's Nest Lounge (3rd Floor)
15. Fitness Center (4th Floor)
16. Putting Green
17. Shuffleboard/Bocce Courts
18. Tennis Courts

SHERWIN-WILLIAMS.

0967-2024

1 Body	2 Body 2	3 Awning	4 Ceiling	5 Landing	6 Railings	7 Trim
SW 4013 Ballast Beige	SW 2827 Colonial Revival Stone	SW 7004 Snowbound				SW 7048 Urbane Bronze
1	2	3	4	6	7	5

Actual color may vary from on-screen representation. To confirm your color choices prior to purchase, please view a physical color chip, color card, or painted sample. Sherwin-Williams is not responsible for the content and photos shared by users of their color selection tools. The Cover The Earth logo and the Sherwin-Williams logo are trademarks owned or licensed by The Sherwin-Williams Company. ©2024 The Sherwin-Williams Company.

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: 51 S. South Forest Beach Drive - Repainting DRB#: DRB-000967-2024

DATE: 7/23/2024 CATEGORY: Alteration/Addition

RECOMMENDATION: Approval ☒ Approval with Conditions ☐ Denial ☐

APPLICATION MATERIAL

DRB REQUIREMENTS	Complies Yes	No	Not Applicable	Comments or Conditions
Demolition Plan if needed	☐	☐	☒	
Existing Conditions match As-Built	☐	☐	☒	
Dimensioned Details and of Sections	☐	☐	☒	
Detail Illustrating Connection to Existing Structure	☐	☐	☒	
New Building Details Match Existing Building Details	☐	☐	☒	

ARCHITECTURAL DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Structure is designed to be appropriate to the neighborhood	☐	☐	☒	
Promotes pedestrian scale and circulation	☐	☐	☒	
Design is unobtrusive and set into the natural environment	☒	☐	☐	
Utilizes natural materials and colors	☒	☐	☐	
Avoids distinctive vernacular styles	☐	☐	☒	
Design is appropriate for its use	☒	☐	☐	
All facades shall have equal design characteristics	☒	☐	☐	

Avoids monotonous planes or unrelieved repetition	☐	☐	☒	
Has a strong roof form with enough variety to provide visual interest	☐	☐	☒	
Minimum roof pitch of 6/12	☐	☐	☒	
Overhangs are sufficient for the façade height.	☐	☐	☒	
Forms an details are sufficient to reduce the mass of the structure	☐	☐	☒	
Human scale is achieved by the use of proper proportions and architectural elements	☐	☐	☒	
Utilizes a variety of materials, textures and colors	☒	☐	☐	
Incorporates wood or wood simulating materials	☐	☐	☒	
Windows are in proportion to the facade	☐	☐	☒	
Details are clean, simple and appropriate while avoiding excessive ornamentation	☐	☐	☒	
Utilities and equipment are concealed from view	☐	☐	☒	
Decorative lighting is limited and low wattage and adds to the visual character	☐	☐	☒	
Accessory elements are designed to coordinate with the primary structure	☐	☐	☒	

LANDSCAPE DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Treats the Landscape as a major element of the project	☐	☐	☒	
Provides Landscaping of a scope and size that is in proportion to the scale of the development	☐	☐	☒	
Landscape is designed so that it may be maintained in its natural shape and size	☐	☐	☒	
Preserves a variety of existing native trees and shrubs	☐	☐	☒	
Provides for a harmonious setting for the site's structures, parking areas or other construction	☐	☐	☒	
Location of existing trees and new trees provides street buffers, mitigation for parking lots, and an architectural complement that visually mitigates between parking lots and building(s)	☐	☐	☒	
Shrubs are selected to complement the natural setting, provide visual interest and screen less-desirable elements of the project	☐	☐	☒	
A variety of species is selected for texture and color	☐	☐	☒	

Provides overall order and continuity of the Landscape plan	☐	☐	☒	
Native plants or plants that have historically been prevalent on the Island are utilized	☐	☐	☒	
A variety of sizes is selected to create a "layered" appearance for visual interest and a sense of depth	☐	☐	☒	
The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots	☐	☐	☒	
Proper spacing and location for plants to reach their mature size and natural shape while avoiding excessive or unnatural pruning	☐	☐	☒	
Proposed groundcovers are evergreen species with low maintenance needs	☐	☐	☒	
Large, grassed lawn areas encompassing a major portion of the site are avoided	☐	☐	☒	
The adjacent development is taken into account in determining the most appropriate buffer so as not to depart too dramatically from the neighborhood	☐	☐	☒	
Ornamentals and Annuals are limited to entrances and other focal points	☐	☐	☒	

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	☐	☐	☒	
Supplemental and replacement trees meet LMO requirements for size, species and number	☐	☐	☒	
Wetlands if present are avoided and the required buffers are maintained	☐	☐	☒	
Sand dunes if present are not disturbed	☐	☐	☒	

COMMENTS & CONDITIONS

Staff recommends approval as submitted for Option 1. This painting scheme is appropriate in comparison to adjacent properties in the area.

120 ARROW ROAD
ALTERATION / ADDITION
July 23, 2024
DRB-000992-2024

DRB 000992-2024

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: MICHAEL VACCARO Company: VACCARO ARCHITECTURE, INC.
Mailing Address: 31 OGLETHORPE LANE City: HILTON HEAD ISLAND State: SC Zip: 29926
Telephone: 843-290-3076 Fax: _____ E-mail: mike@vaccaroarchitecture.com
Project Name: 120 AROW ROAD Project Address: 120 AROW ROAD
Parcel Number [PIN]: R 552 015 000 0111 0000
Zoning District: LC Overlay District(s): ROW-ART

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
_____ Final Approval – Proposed Development
X Alteration/Addition
_____ 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.

#000992-2024

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.
- N/A 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.

MM — 7/2/24

SIGNATURE DATE

Last Revised 01.21.15

120 ARROW ROAD
NARRATIVE

VACCARO
ARCHITECTURE, INC.

Friday, March 8, 2024

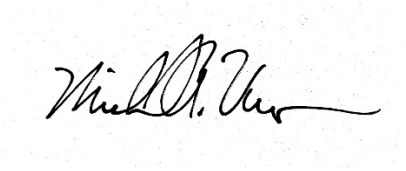
RE: 120 Arrow Road -Atlantic Laundry

This project is an exterior façade renovation to the existing building at 120 Arrow Road. The scope of the work includes the following.

1. removing the existing parapet wall and replacing that with a new parapet,
2. painting the existing stucco walls of the building,
3. replacing some stucco wall areas with fiber cement siding as shown in the drawings,
4. replacing an existing exterior stair with a new stair (in the opposite direction) that is an open air covered stair
5. the addition of a new overhang at the rear loading dock.
6. The addition of two screening walls that are attached to the new parapet wall

There is no change to the building footprint or use as a result of this proposed work. Please feel free to contact me anytime to discuss.

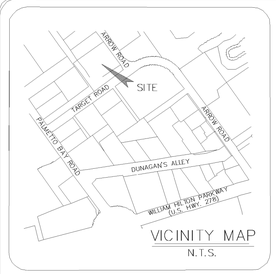
Sincerely,



Michael A. Vaccaro, AIA, NCARB
President | VACCARO ARCHITECTURE, INC.
SC Registered Architect #6618

31Oglethorpe Lane, Hilton Head Island, SC 29926
Phone: (843) 290-3076 • Email: mikevaccaro7@yahoo.com

120 ARROW ROAD
PLAN SET



VICINITY MAP
N.T.S.

NOTES:
1) UNDERGROUND UTILITIES NOT LOCATED EXCEPT AS SHOWN.
2) NANDINA, INC. CERTIFIES TO THE BOUNDARY, TOPOGRAPHIC AND ASBUILT INFORMATION PROVIDED HEREON AS THE DATE OF THE SURVEY. THIS SURVEY MAY BE USED IN DIGITAL FORMAT AS A BASE FOR OTHERS AND ANY REVISIONS OR ADDITIONS MADE HEREAFTER IS NOT THE RESPONSIBILITY OF NANDINA, INC. A HARD COPY AVAILABLE FROM NANDINA, INC. WILL BE THE ONLY OFFICIAL DOCUMENT.
3) SUBJECT PROPERTY DOES NOT APPEAR TO BE AFFECTED BY THE BEACHFRONT SETBACK REQUIREMENTS OF THE S.C. BEACH PROTECTION ACT OF JULY 1, 1988.
4) HORIZONTAL DATUM IS SC STATE PLANE, NAD83.
5) VERTICAL DATUM IS NAVD88.
6) CONTOUR INTERVAL IS 1'
7) USE OF THIS PROPERTY MAY BE AFFECTED BY THE TERMS OF COVENANTS RELATING TO THIS PLANNED RESIDENTIAL COMMUNITY.
8) BUILDING SETBACKS, WHETHER SHOWN OR NOT, SHOULD BE VERIFIED BY THE LOCAL BUILDING AUTHORITY OR ARCHITECTURAL REVIEW BOARD.
9) THIS SURVEY HAS BEEN PREPARED WITHOUT BENEFIT OF A COMPLETE TITLE SEARCH AND IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
10) THIS SURVEY DOES NOT CERTIFY TO THE EXISTENCE OR ABSENCE OF FRESHWATER WETLANDS.
11) IF IDENTIFICATION OF TREES IS CRITICAL TO DEVELOPMENT, AN ARBORIST SHOULD BE CONSULTED TO VERIFY SUCH TREE IDENTIFICATION.

LEGEND & SYMBOLS:

TREE SIZES ARE INCHES IN DIAMETER

9.5	SPOT ELEVATION
	CONTOUR
3" CMF □	3" CONCRETE MONUMENT FOUND
1/2" IPF ◎	1/2" IRON PIN FOUND
TBM	TEMPORARY BENCH MARK
IE	INVERT ELEVATION
FFE	FINISHED FLOOR ELEVATION
RCP	REINFORCED CONCRETE PIPE
LO	LIVE OAK
LA	LAUREL OAK
GUM	SWEET GUM
PN	PINE
PLM	PALM
WO	WATER OAK
	ELECTRIC TRANSFORMER
	TELEPHONE SERVICE
	WATER METER
	SANITARY MANHOLE
	STORM MANHOLE
	FIRE HYDRANT
	UTILITY POLE
	SIGN
	LIGHT POLE
	GREASE TRAP
	CLEANOUT
AC	A/C UNIT

REFERENCE PLAT

1) A PLAT OF PALMETTO BAY ROAD COMMERCIAL SUBDIVISION COMPOSITE, A SECTION OF THE LANDS OF SEA PINES PLANTATION CO. HILTON HEAD ISLAND, SOUTH CAROLINA, COUNTY OF BEAUFORT, DRAWN: 4/29/74, LAST REVISED: 4/14/75 RECORDED IN BOOK 33, PAGE 227, DATED:6/2/86 RMC, BEAUFORT COUNTY, SC BY: JERRY L. RICHARDSON S.C.R.L.S. #4784

2) A BOUNDARY RECONFIGURATION SURVEY OF LOT 12, PALMETTO BAY ROAD COMMERCIAL SUBDIVISION, HILTON HEAD ISLAND, BEAUFORT COUNTY, DRAWN: 5/14/07 RECORDED IN BOOK120, PAGE 92, DATED 6/11/07 ROD, BEAUFORT COUNTY, SC BY: MARK R. RENEW S.C.R.L.S. # 25437

3) ASBUILT SURVEY OF: LOT 12, PALMETTO BAY ROAD COMMERCIAL SUBDIVISION, HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA DRAWN: 8/3/2023 RECORDING INFORMATION NOT FOUND BY: JUSTIN R. KESSELRING S.C.R.L.S. # 29901

PROPERTY AREA = 1.83 AC. 79,750 S.F.
ADDRESS: 120 ARROW ROAD

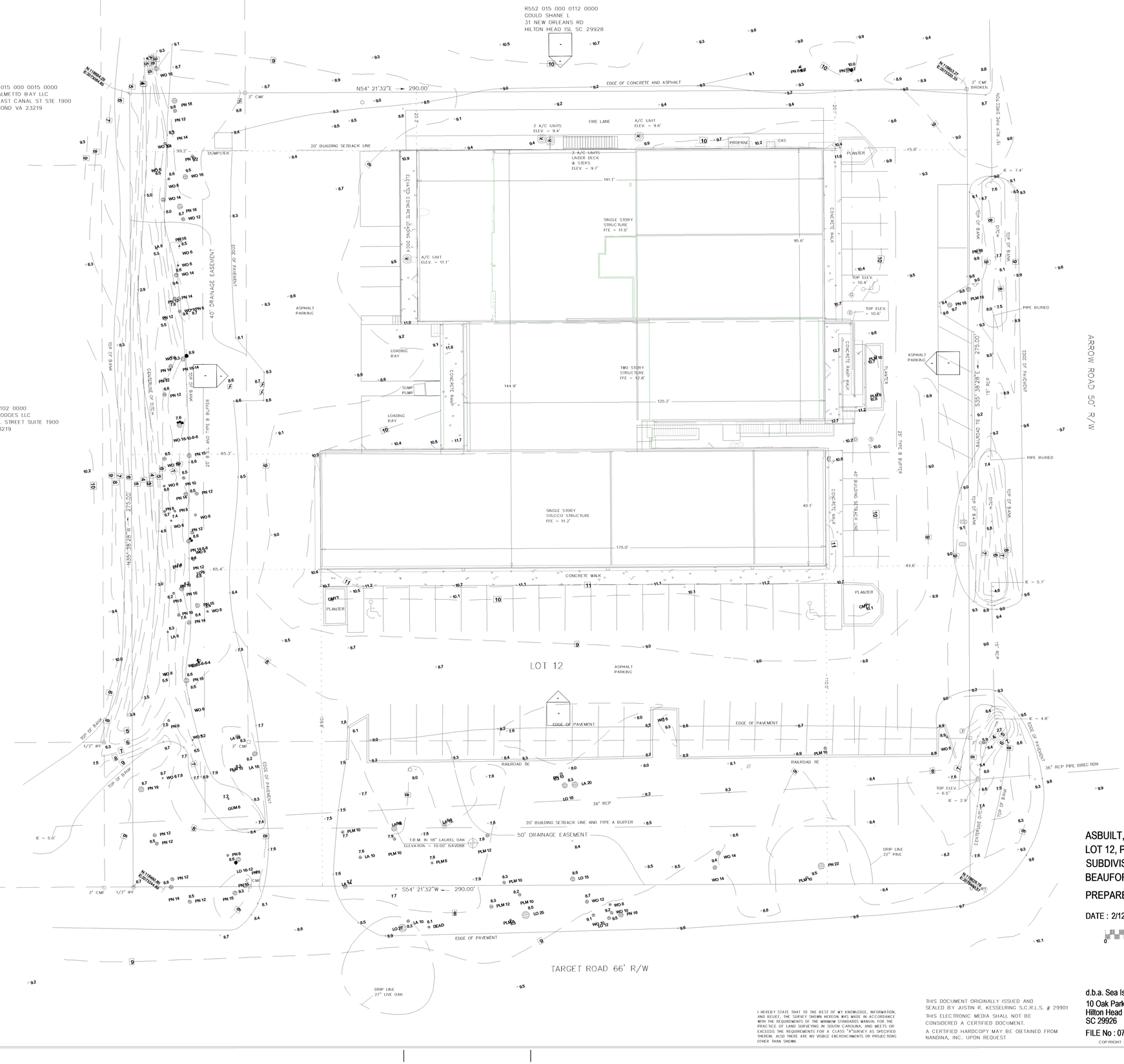
DISTRICT: 552, MAP: 15, PARCEL: 111

THIS PROPERTY LIES IN F.E.M.A. ZONE X & X SHADED
BASE FLOOD ELEVATION = N/A
COMMUNITY NO. 450250, PANEL: 0442G, DATED: 3/23/2021

R552 015 000 0112 0000
GOULD SHANE L
31 NEW ORLEANS RD
HILTON HEAD ISL SC 29928

R552 015 000 0015 0000
RP PALMETTO BAY LLC
800 EAST CANAL ST STE 1900
RICHMOND VA 23219

R552 015 000 0102 0000
PALMETTO BAY LODGES LLC
800 EAST CANAL STREET SUITE 1900
RICHMOND VA 23219



A RESIDENCE FOR:
ATLANTIC LAUNDRY

A001
Survey
PRINT DATE 3/8/2024 10:28:48 AM

VACCARO
ARCHITECTURE, INC.
843.290.3076
email: mikevaccaro7@yahoo.com

ASBUILT, TREE AND TOPOGRAPHIC SURVEY OF:
LOT 12, PALMETTO BAY ROAD COMMERCIAL SUBDIVISION, HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA

PREPARED FOR: ATLANTIC BEST CLEANING, LLC

DATE : 2/12/2024 SCALE : 1" = 16'

GRAPHIC SCALE
0 16 32 48

NANDINA

d.b.a. Sea Island Land Survey, Inc.
10 Oak Park Drive, Unit C1,
Hilton Head Island, SC 29926
Tel (843) 681-3248
E-mail: admin@nandinainc.com

FILE No : 07065.5 DWG No. : 2-07065.5

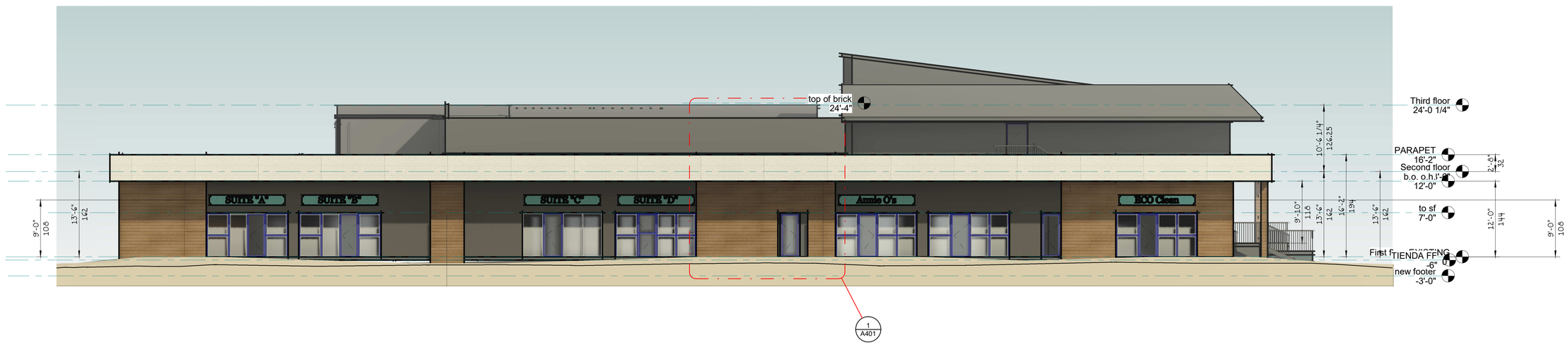
I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A"SURVEY AS SPECIFIED THEREIN; ALSO THERE ARE NO VISIBLE ENCROACHMENTS OR PROJECTIONS OTHER THAN SHOWN.

THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY JUSTIN R. KESSELRING S.C.R.L.S. # 29901
THIS ELECTRONIC MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.
A CERTIFIED HARDCOPY MAY BE OBTAINED FROM NANDINA, INC. UPON REQUEST

COPYRIGHT © BY NANDINA, INC.

CAD: CC, FLD: DB

1 Southeast Existing
1/8" = 1'-0"



2 Southeast New
1/8" = 1'-0"

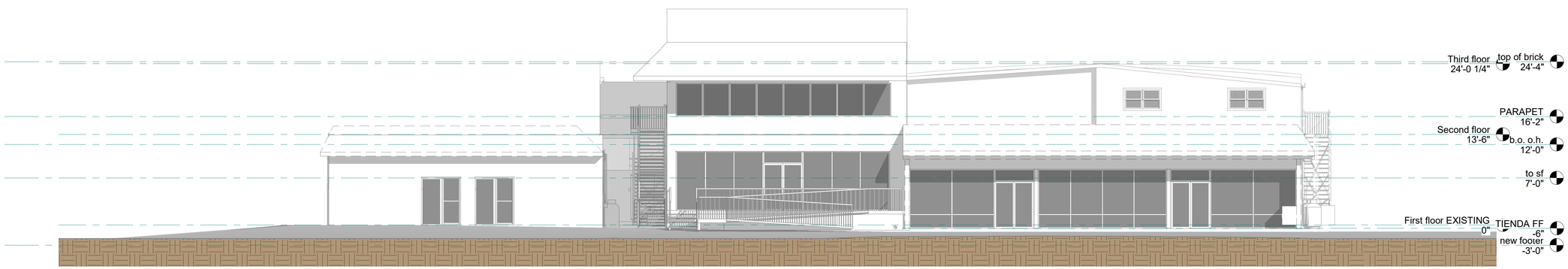
FOR:
ATLANTIC LAUNDRY
120 ARROW ROAD,
HILTON HEAD ISLAND, SC 29928

VACCARO
ARCHITECTURE, INC.
843.290.3076
email: mikevaccaro7@yahoo.com

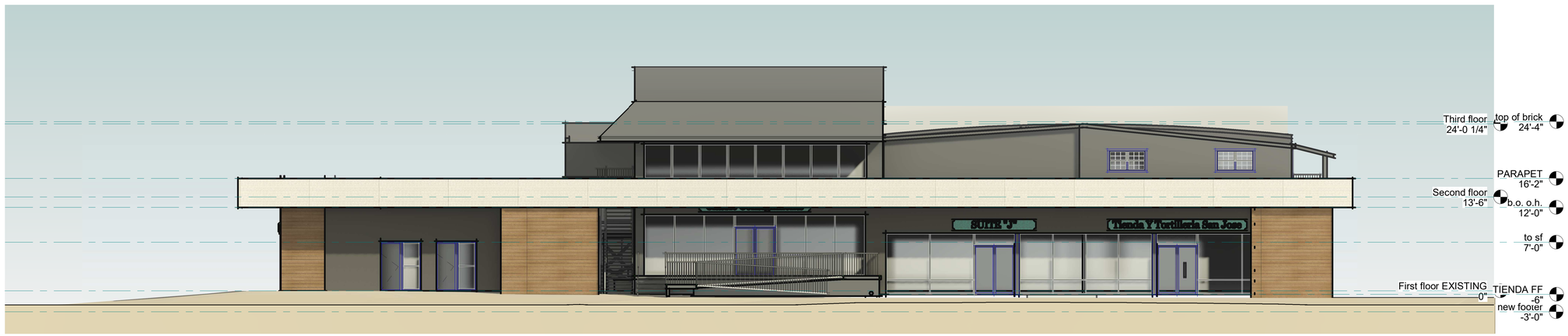
A201
Elevations

PRINT DATE
3/8/2024 10:29:03 AM

This sheet is NOT valid for permit or construction unless signed by the Architect above. © 2022



2 Northeast Existing
1/8" = 1'-0"



1 Northeast New
1/8" = 1'-0"

This sheet is NOT valid for permit or construction unless signed by the Architect above. © 2022

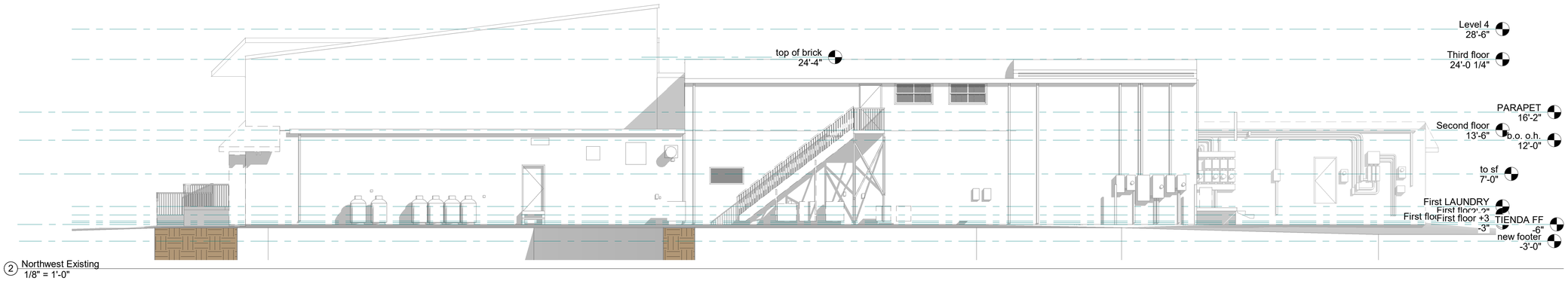
FOR:
ATLANTIC LAUNDRY
120 ARROW ROAD,
HILTON HEAD ISLAND, SC 29928

VACCARO
ARCHITECTURE, INC.
843.290.3076
email: mikevaccaro7@yahoo.com

A202
Elevations

PRINT DATE
3/8/2024 10:29:10 AM

www.Vaccaroarchitecture.com



② Northwest Existing
1/8" = 1'-0"

① Northwest New
1/8" = 1'-0"

This sheet is NOT valid for permit or construction unless signed by the Architect above. © 2022

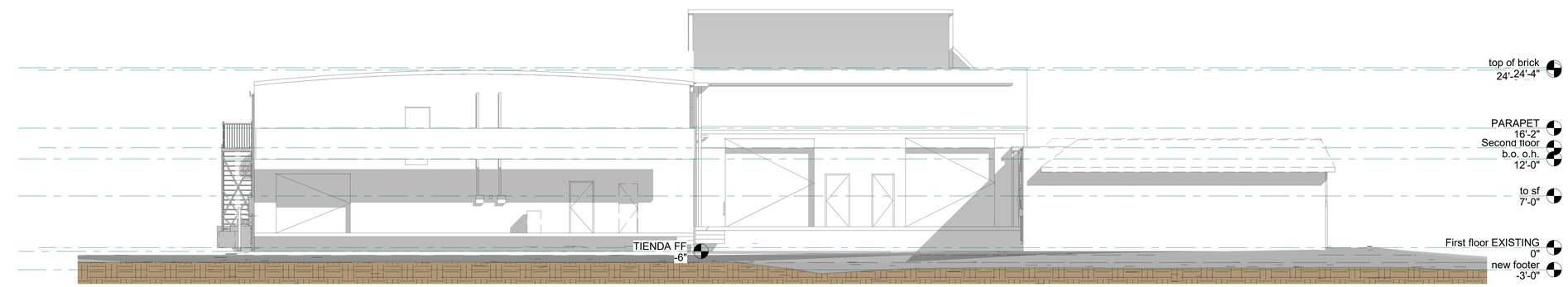
FOR:
ATLANTIC LAUNDRY
120 ARROW ROAD,
HILTON HEAD ISLAND, SC 29926

VACCARO
ARCHITECTURE, INC.
843.290.3076
email: mikevaccaro7@yahoo.com

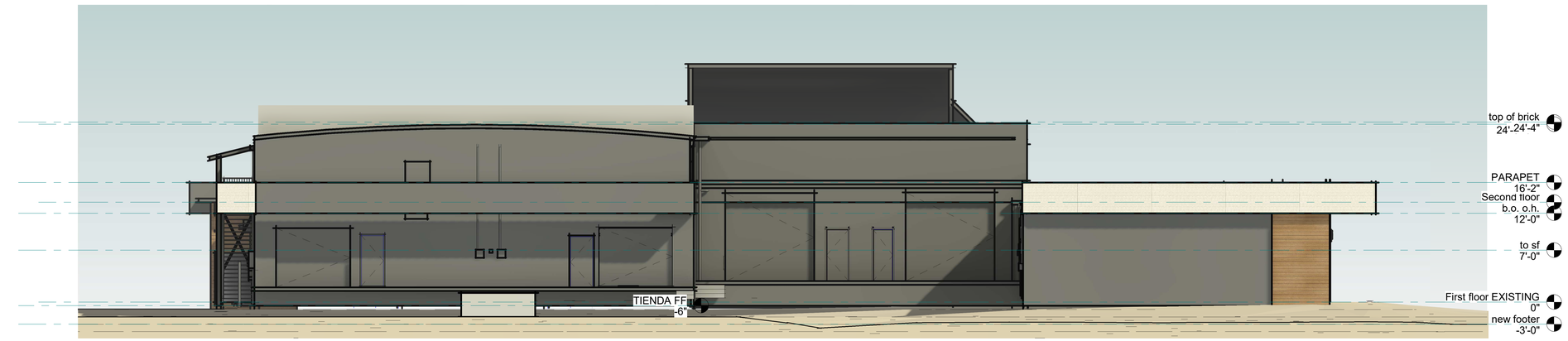
A203
Elevations

PRINT DATE
3/8/2024 10:29:18 AM

www.VaccaroArchitecture.com



② Southwest Existing
1/8" = 1'-0"



① Southwest New
1/8" = 1'-0"

FOR:
ATLANTIC LAUNDRY
120 ARROW ROAD,
HILTON HEAD ISLAND, SC 29928

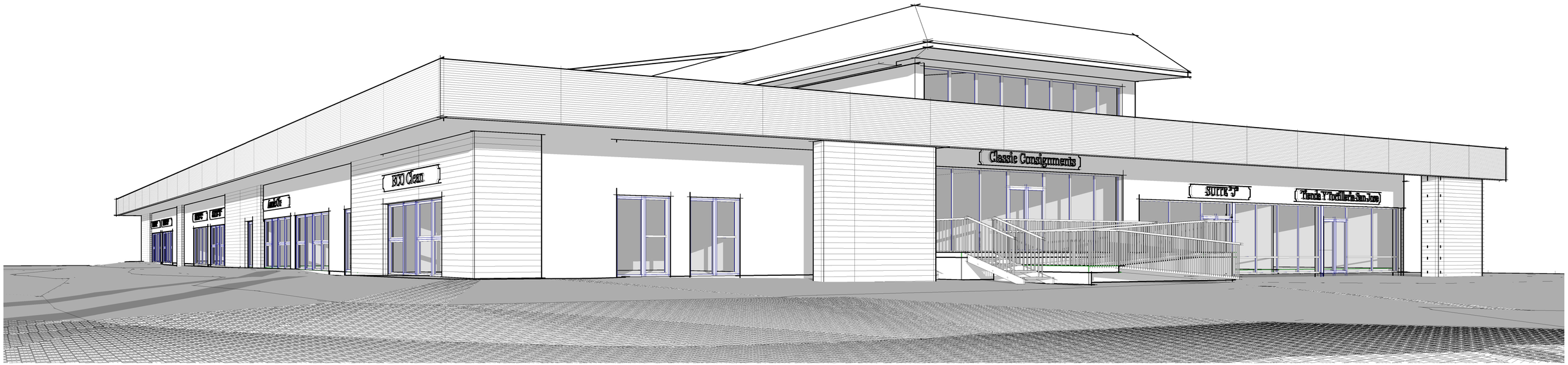
VACCARO
ARCHITECTURE, INC.
843.290.3076
email: mikevaccaro7@yahoo.com

A204
Elevations

PRINT DATE
3/8/2024 10:29:25 AM

This sheet is NOT valid for permit or construction unless signed by the Architect above. © 2022

www.Vaccaroarchitecture.com



1 3D View 3

This sheet is NOT valid for permit or construction unless signed by the Architect above. © 2022

FOR:
ATLANTIC LAUNDRY
120 ARROW ROAD,
HILTON HEAD ISLAND, SC 29928

VACCARO
ARCHITECTURE, INC.
843.290.3076
email: mikevaccaro7@yahoo.com

A701
render

PRINT DATE
3/8/2024 10:29:32 AM

www.VaccaroArchitecture.com

120 ARROW ROAD
PHOTOS

Hilton Head Island Spa & Wellness
TRANSFORMATIONS
BACK PAIN
MIGRAINES
SINUS RELIEF
MASSAGE
FACIALS
ANTI-AGING

TRANSFORMATIONS
GOOD HEALTH UNLIMITED

EcoClean

124 ARROW ROAD
HOWELL CENTER
TRANSFORMATIONS
TORTILLERIA SAN JOSE

124 ARROW ROAD
HOWELL CENTER
TRANSFORMATIONS
TORTILLERIA SAN JOSE

CLASSIC
CHEVROLET
SILVERADO

Chase
Heating &
Air Conditioning, Inc.
SINCE 1971
NO PARKING

HOWELL
CENTER

HOWELL
CENTER

CLASSIC

CLASSIC
CONSIGNMENTS

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: 120 Arrow Road – Atlantic Laundry - Conceptual

DRB#: DRB-000992-2024

DATE: 7/23/2024

CATEGORY: Alteration/Addition

RECOMMENDATION: Approval ☐ Approval with Conditions ☒ Denial ☐

APPLICATION MATERIAL

DRB REQUIREMENTS	Complies Yes	No	Not Applicable	Comments or Conditions
Demolition Plan if needed	☐	☒	☐	
Existing Conditions match As-Built	☐	☒	☐	
Dimensioned Details and of Sections	☐	☒	☐	
Detail Illustrating Connection to Existing Structure	☐	☐	☒	
New Building Details Match Existing Building Details	☐	☒	☐	

ARCHITECTURAL DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Structure is designed to be appropriate to the neighborhood	☒	☐	☐	
Promotes pedestrian scale and circulation	☐	☐	☒	
Design is unobtrusive and set into the natural environment	☒	☐	☐	
Utilizes natural materials and colors	☒	☐	☐	
Avoids distinctive vernacular styles	☒	☐	☐	
Design is appropriate for its use	☒	☐	☐	
All facades shall have equal design characteristics	☒	☐	☐	

Avoids monotonous planes or unrelieved repetition	☒	☐	☐	
Has a strong roof form with enough variety to provide visual interest	☐	☐	☒	
Minimum roof pitch of 6/12	☐	☐	☒	
Overhangs are sufficient for the façade height.	☒	☐	☐	
Forms an details are sufficient to reduce the mass of the structure	☒	☐	☐	
Human scale is achieved by the use of proper proportions and architectural elements	☒	☐	☐	
Utilizes a variety of materials, textures and colors	☒	☐	☐	
Incorporates wood or wood simulating materials	☒	☐	☐	
Windows are in proportion to the facade	☒	☐	☐	
Details are clean, simple and appropriate while avoiding excessive ornamentation	☒	☐	☐	
Utilities and equipment are concealed from view	☐	☒	☐	
Decorative lighting is limited and low wattage and adds to the visual character	☐	☒	☐	
Accessory elements are designed to coordinate with the primary structure	☒	☐	☐	

LANDSCAPE DESIGN

DESIGN GUIDE/LMO CRITERIA	Complies Yes	No	Not Applicable	Comments or Conditions
Treats the Landscape as a major element of the project	☐	☒	☐	
Provides Landscaping of a scope and size that is in proportion to the scale of the development	☐	☒	☐	
Landscape is designed so that it may be maintained in its natural shape and size	☐	☒	☐	
Preserves a variety of existing native trees and shrubs	☐	☐	☒	
Provides for a harmonious setting for the site's structures, parking areas or other construction	☒	☐	☐	
Location of existing trees and new trees provides street buffers, mitigation for parking lots, and an architectural complement that visually mitigates between parking lots and building(s)	☒	☐	☐	
Shrubs are selected to complement the natural setting, provide visual interest and screen less-desirable elements of the project	☐	☒	☐	
A variety of species is selected for texture and color	☐	☒	☐	

Provides overall order and continuity of the Landscape plan	☐	☒	☐	
Native plants or plants that have historically been prevalent on the Island are utilized	☐	☒	☐	
A variety of sizes is selected to create a "layered" appearance for visual interest and a sense of depth	☐	☒	☐	
The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots	☐	☐	☒	
Proper spacing and location for plants to reach their mature size and natural shape while avoiding excessive or unnatural pruning	☐	☐	☒	
Proposed groundcovers are evergreen species with low maintenance needs	☐	☒	☐	
Large, grassed lawn areas encompassing a major portion of the site are avoided	☐	☐	☒	
The adjacent development is taken into account in determining the most appropriate buffer so as not to depart too dramatically from the neighborhood	☐	☐	☒	
Ornamentals and Annuals are limited to entrances and other focal points	☐	☐	☒	

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	☐	☐	☒	
Supplemental and replacement trees meet LMO requirements for size, species and number	☐	☐	☒	
Wetlands if present are avoided and the required buffers are maintained	☐	☐	☒	
Sand dunes if present are not disturbed	☐	☐	☒	

COMMENTS & CONDITIONS

1. Staff recommends approval with conditions.
2. This project will require a Building Permit prior to construction and a Minor Development Plan approval. Please email CDIC@hiltonheadislandsc.gov following final approval.
3. Please provide a Landscape Plan.
4. Please provide a exterior Lighting Plan.