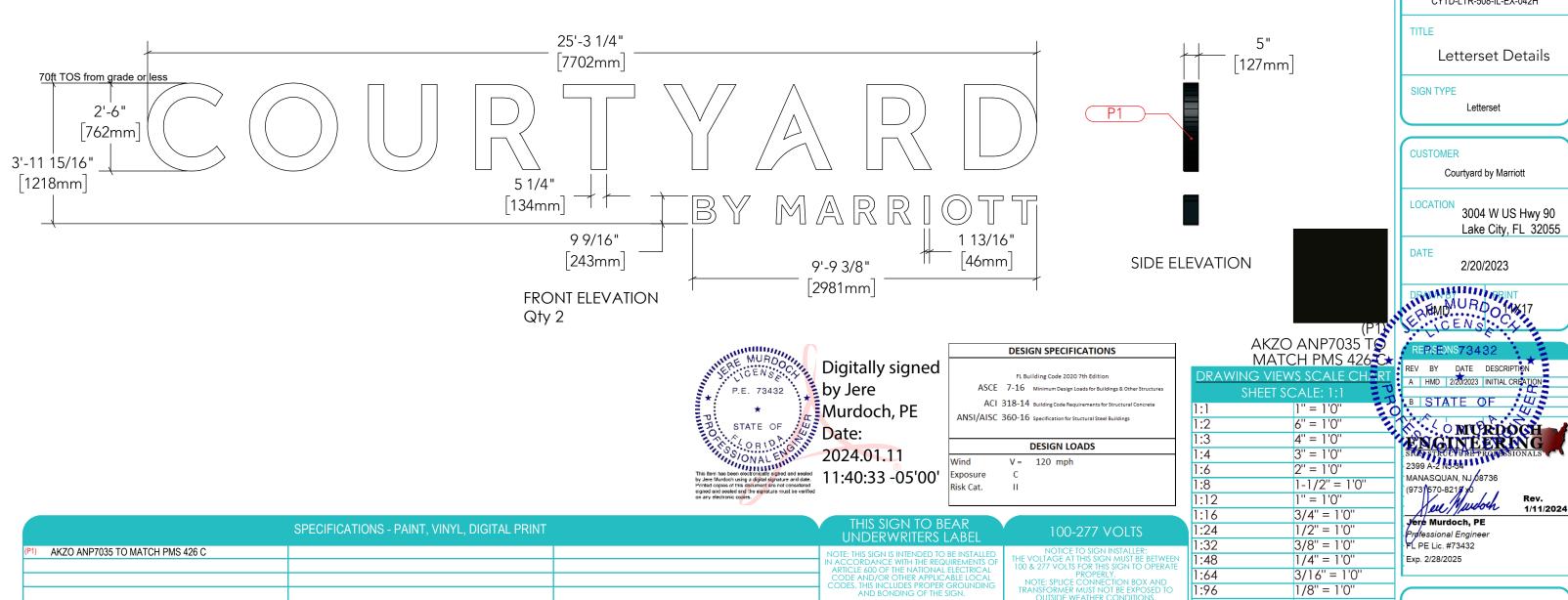
# COURTYARD BY MARRIOTT

NIGHT VIEW



colite

5 TECHNOLOGY CIRCLE COLUMBIA SC 29203 P 803 926.7926

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VIEWS WITH SCALES DIFFERENT THAN THE STATED SHEET SCALE WILL DISPLAY SPECIFICALLY IN THAT VIEW

DRAWING NUMBER

CYTD-LTR-508-IL-EX-042H

SHEET 1 OF 5

3/32" = 1'0"

1/16" = 1'0"

1:128

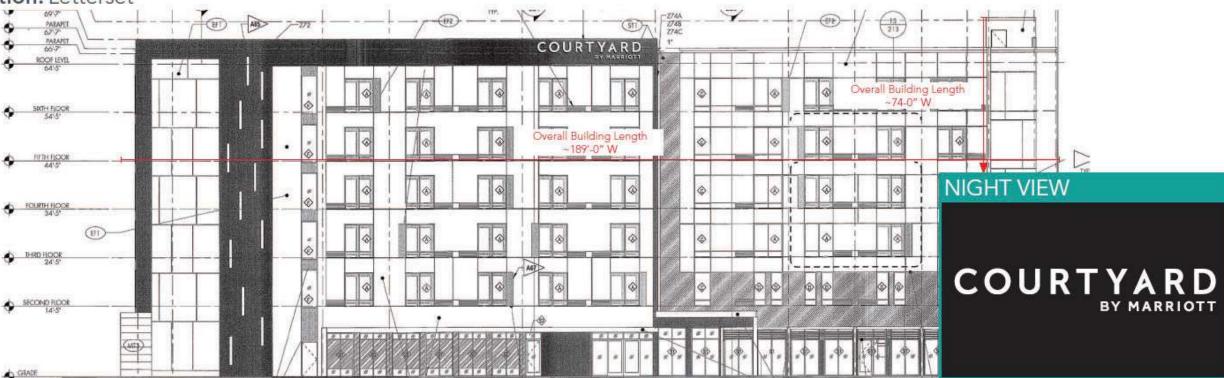
1:192

THIS SIGN IS RATED FOR USE IN WET OR DAMP LOCATIONS ONLY

MANUFACTURING BILL OF MATERIALS	INSTA	ALLATION BILL OF MATERIALS	
ITEM# PART# DESCRIPTION	ITEM# PART#	DESCRIPTION	
COL1 AL-CO-040-5_3-270-WHIT- 5.3 x .040 x 270' WHITE ALUMINUM COIL		16-2 STR SHLD CMP/CL3P WIRE	colite
TRC1 TR-MJ-1-150-WHIT-R 1" WHITE JEWELITE TRIMCAP		SLOAN 701895-24S1 100W 24V POWER SUPPLY 3/8-16 x 12" SS ALL THREAD STUD	
ACR1 A7328-177-48-120 .177 X 48 X 120 7328 WHITE ACRYLIC		3/8-16 Stainless Steel Finished Hex Nut	5 TECHNOLOGY CIRCLE COLUMBIA SC 29203
		3/8 Stainless Steel Flat Washer	P 803 926.7926 THIS IS AN ORIGINAL UNPUBLISHED
SHT1   AL-SH-063-48-120-WH-   .063 x 48 x 120 PRE-PAINTED WHITE ALUMINUM SHEET   #8 X 1/2 INDENTED HEX HEAD UNSLOTTED SELF-DRILL		1/4"-20 x 12" SS ALL THREAD STUD 1/4"-20 Stainless Steel Hex Nut	DESIGN CREATED BY COLITE. IT IS SUBMITTED FOR YOUR PERSONAL USE
HDW1 HW-00262 #6 X 1/2 INDENTED HEX HEAD ONSLOTTED SELF-DRILL SCREW 410 S/S  LED 1 SL 701240 4W24S I1 MB SLOAN 701269-6W24SJ1-MB 6500K PRISM 24V LED 1.2	HDW11 HW-00084	1/4" 18-8 Small Outside Diameter Flat Washer Stainless	IN CONNECTION WITH THE PROJECT PLANNED FOR YOU BY COLITE. IT IS NOT TO BE SHOWN TO ANYONE OUTSIDE
LED1   SL-701269-6W24SJ1-MB   SLOAN 701269-6W24SJ1-MB 6500K PRISM 24V LED 1.2   MODS/FT		Steel	YOUR ORGANIZATION NOR IS IT TO BE USED, REPRODUCED, COPIED, OR
LED2 CL 701240 (M24M11 MB SLOAN 701269-6W24MJ1-MB 6500K PRISM MINI 24V LED /	HDW7 AL-EX-375-SCH40-20-PIPE	.375 X 20' SCH 40 ALUMINUM PIPE	EXHIBITED IN ANY FASHION WHATSOEVER. ALL OR ANY PART OF
30.0 ft (75 modules) per bag, 5 bags/carton	HDW12 AL-EX-250-SCH49-20-PIPE	.25 X 20' SCH 40 ALUMINUM PIPE	THIS DESIGN (EXCEPTING REGISTERED TRADEMARKS) REMAIN THE PROPERTY OF COLITE.
WLB1 EL-EC-00077 WALLBUSTER 14"L x 1/2" DIA. PAIGE ELECTRIC	Post		VIEWS WITH SCALES DIFFERENT
HDW2 HW-00063 1/2" Conduit Lock Nut	County Building	(HDW12)	THAN THE STATED SHEET SCALE WILL DISPLAY SPECIFICALLY IN THAT VIEW
HDW3 HW-00059 3/8" NUTCERT	Plans Reviewed	BLOCKING I	LABEL.
HDW8 HW-00058 1/4" NUTCERT ALA1-420-165	5 for Code 3	OTHERS	DRAWING NUMBER
174 NOTCENTALAT-420-103	3 Compliance		CYTD-LTR-508-IL-EX-042H
DESIGN SPECIFICATIONS [127mm]	of Florida	HDW8 HDW9	TITLE
To Design Specifications  FL Building Code 2020 7th Edition	A STATE OF THE PARTY OF THE PAR	LED2)	EIFS Mounting
ASCE 7-16 Minimum Design Loads for Buildings & Other Structures  ACI 318-14 Building Code Requirements for Structural Concrete			SIGN TYPE
ACI 318-14 Building Code Requirements for Structural Concrete  ANSI/AISC 360-16 Specification for Stuctural Steel Buildings	HDW7	HDW11	Letterset
DESIGN LOADS TRC1	BLOCKING BY		
Wind V= 120 mph Exposure C	OTHERS		CUSTOMER
Risk Cat. II	HDW3 (HDW4)		Courtyard by Marriott
SHT1	TIDVV4		LOCATION 3004 W US Hwy 90
	(HDW5)		Lake City, FL 32055
	HDW6		DATE
Engineers Connection Note:	(WLB1)		2/20/2023
* Sign Location #1 Provide Five(5) 3/8"Ø Lag-Bolts per/Letter, Three(3) top and Two(2) bottom through	/ (HDW2) (WIR1)		DRAMMUR DO 14817
sign backs with washer into existing 3/4" plywood sheathing with full thread diameter emb.  * Sign Location #2	/ WIKT	"BY MARRIOTT"	CENS
Provide Four(4) 3/8"Ø DeWalt Screw-Bolt+ per/Letter, Two(2) top and bottom through	<u> </u>	SECTION DETAIL - EIFS SCALE: N.T.S.	REPISEONS73432
sign backs with washer into existing masonry wall per/Tec-Guide.	auminimum.		REV BY DATE DESCRIPTION
* Provide 1/2" ID Sch40 Alum. pipe spacer spanning through EIFS if applicable.	THE MORD	SHEET SCALE: 1:1	A   HMD   2/20/2023   INITIAL CREATION
B	P.E. 73432	by Jere 1:1 1" = 1'0" 1:2 6" = 1'0"	<b>50</b>
	STATE OF	Murdoch, PE 1:3 4" = 1'0"	ENGINEERING STAY STRUCTURE PROPESSIONALS 2399 A-2 NJ-54
A PAINTED TO MATCH RETURNS  (MIN 2) 1/4" WEEP HOLES PER LETTER LOCATE  "COURTYARI	D"	Date: 2024.01.11   1:4   3" = 1'0"   1:6   2" = 1'0"	2399 A-2 NJ-34
B (MIN 2) 1/4" WEEP HOLES PER LETTER, LOCATE AT EACH LOW POINT WITH LIGHT SHIELD COVER SCALE: N.T.	D"  - EIFS This item has been electronically along by sero Murrocker and provided a	1:8 1-1/2" = 1'0"	MANASQUAN, NJ 08736 (973 670-821 <b>7</b> x0
SCALE: N.T.		1:16 3/4" = 1'0"	Jere Murdoch, PE
SPECIFICATIONS - PAINT, VINYL, DIGITAL PRINT	THIS SIGN TO BE UNDERWRITERS L.	ABEL 100-2// VOLIS 1.24 1/2 - 10 3/9" - 1'0"	Professional Engineer FL PE Lic. #73432
(P1) AKZO ANP7035 TO MATCH PMS 426 C	NOTE: THIS SIGN IS INTENDED TO B IN ACCORDANCE WITH THE REQU ARTICLE 600 OF THE NATIONAL E	BE INSTALLED JIREMENTS OF THE VOLTAGE AT THIS SIGN MUST BE BETWEEN 10.0 & 277 VOLTS FOR THIS SIGN TO OPERATE	Exp. 2/28/2025
	CODE AND/OR OTHER APPLICA CODES, THIS INCLUDES PROPERS AND BONDING OF THE SI	ABLE LOCAL GROUNDING INOTE: SPLICE CONNECTION BOX AND TRANSFORMER MUST NOT BE EXPOSED TO  11/8" = 1'0"	
		UL NOTE  D FOR USE IN WET OR DAMP LOCATIONS ONLY  OUTSIDE WEATHER CONDITIONS.  1:128  3/32" = 1'0"  1:192  1/16" = 1'0"	SHEET 2 OF 5
	I III 3 2 I GN 13 KATEL	1.17Z   1/10 - 10	<b></b> (

### **LOCATION 1**

Recommendation: Letterset



### SURVEY NOTES:

Front elevation.

### ANALYSIS 2'-6" Letters Velocity pressure

 $q_h = 0.00256 K_h K_{zt} K_d V^2 I$  = 36.66 psf

AKZO ANP7035 TO MATCH PMS 426 C

where:  $q_h$  = velocity pressure at mean roof height, h. (Eq. 29.3-1 page 307 & Eq. 30.3-1 page 316)

 $K_h$  = velocity pressure exposure coefficient evaluated at height, h, (Tab. 29.3-1., pg 310 = 1.17

K<sub>d</sub> = wind directionality factor. (Tab. 26.6-1, for building, page 250) = **0.85** 

70.00 ft

0.85

1.80

SPECIFICATIONS - PAINT, VINYL, DIGITAL PRINT

h = height of top

### Wind Force Case A: resultant force though the geometric center (Sec. 29.4.1 & Fig. 29.1-1)

 $p = q_h G C_{f^*.6} =$  = 34 psf  $F = p A_s$  = 0.21 kips M = F (h - 0.5s) for sign, F (0.55h) for wall = 14.46 ft-ki

M = F (h - 0.5s) for sign, F (0.55h) for wall = 14.46 ft-kips T = 0.00 ft-kips

where: G = gust effect factor. (Sec. 6.5.8, page 26).

C<sub>f</sub> = net force coefficient. (Fig. 6-20, page 73)

 $A_s = B s \qquad \qquad = \qquad 6.3$ 

### RECOMMENDATION DETAILS:

Quantity Sign Sq.Ft. Illumination Estimated Paint Sq.Ft. 1 101.71 Face Lit -

Mounting Fabrication
Studs C-30-CL

### INSTALLATION/REPAIR NOTES:

Install new sign. Per site plan, wall color is TBD, client to confirm prior to production.

DO NOT SHEETROCK THE WALLS WHERE SIGNS ARE LOCATED. Access inside of interior walls where signs will hang is required at the time of installation. Contact your project manager if you are interested in a pre-wire.

### PART #:

CYTD-LTR-508-IL-EX-042H



Digitally signed by Jere Murdoch, PE Date: 2024.01.11 11:42:00 -05'00' PESIGN SPECIFICATIONS

FL Building Code 2020 7th Edition

ASCE 7-16 Minimum Design Loads for Buildings & Other Structures

ACI 318-14 Building Code Requirements for Structural Concrete

ANSI/AISC 360-16 Specification for Stuctural Steel Buildings

DESIGN LOADS

	DESIGN LOADS			
Vind	V =	120 mph		
xposure	C			
isk Cat.	П			

# THIS SIGN TO BEAR UNDERWRITERS LABEL NOTICE: THIS SIGN IS INTENDED TO BE INSTALLED ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN. 100-277 VOLTS NOTICE TO SIGN INSTALLER: THE VOLTAGE AT THIS SIGN MUST BE BETWEE 100 & 277 VOLTS FOR THIS SIGN TO OPERATI PROPERLY. NOTE: SPLICE CONNECTION BOX AND TRANSFORMER MUST NOT BE EXPOSED TO OUTSIDE WEATHER CONDITIONS. UL NOTE THIS SIGN IS RATED FOR USE IN WET OR DAMP LOCATIONS ONLY

		SHEET SCALE: 1:1	三平
	1:1	1" = 1'0"	30
	1:2	6" = 1'0"	1
	1:3	4" = 1'0"	
	1:4	3" = 1'0"	
	1:6	2" = 1'0"	
	1:8	1-1/2" = 1'0"	
	1:12	1" = 1'0"	
	1:16	3/4" = 1'0"	
١	1:24	1/2" = 1'0"	
١	1:32	3/8" = 1'0"	
	1:48	1/4" = 1'0"	
	1:64	3/16" = 1'0"	
	1:96	1/8" = 1'0"	
┪	1:128	3/32" = 1'0"	
	1:192	1/16" = 1'0"	

DRAWING VIEWS SCALE CHA

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5 TECHNOLOGY CIRCLI COLUMBIA SC 29203 P 803 926.7926

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VIEWS WITH SCALES DIFFERENT
THAN THE STATED SHEET SCALE WILL
DISPLAY SPECIFICALLY IN THAT VIEW
LABEL.

OF COLITE.

DRAWING NUMBER

CYTD-LTR-508-IL-EX-042H

TITLE

SIGN TYPE

Letterset

CUSTOMER

Courtyard by Marriott

OCATION

3004 W US Hwy 90 Lake City, FL 32055

DATE

2/20/2023

DRAMMURDO 14X17

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2399 A-2 NJ-54 MANASQUAN, NJ 08736 (973 670-8215 X0

Jere Murdoch, PE
Professional Engineer

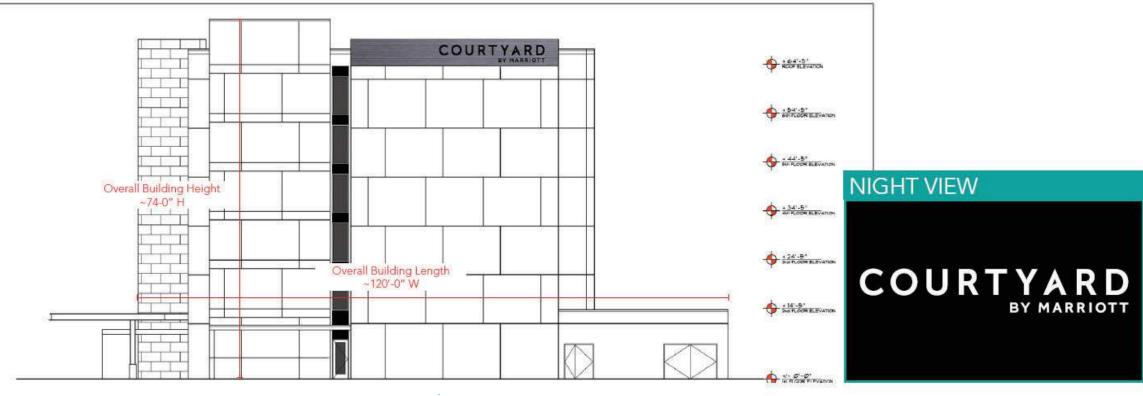
Professional Engineer FL PE Lic. #73432 Exp. 2/28/2025

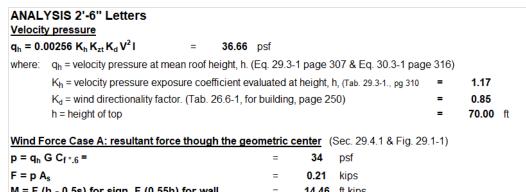
SHEET 3 OF 5

## **LOCATION 2**

**Recommendation:** Letterset

AKZO ANP7035 TO MATCH PMS 426 C





SPECIFICATIONS - PAINT, VINYL, DIGITAL PRINT



	FL Bu	ilding Code 2020 7th Edition
ASC		Minimum Design Loads for Buildings & Other Structures
AC	I 318-14	Building Code Requirements for Structural Concrete
ANSI/AIS	360-16	Specification for Stuctural Steel Buildings
ANSI/AIS		Specification for Stuctural Steel Buildings  DESIGN LOADS
•		
ANSI/AISO Wind Exposure		DESIGN LOADS

		The state of the s
	1:2	6" = 1'0"
-	1:3	4" = 1'0"
+	1:4	3" = 1'0"
	1:6	2" = 1'0"
	1:8	1-1/2" = 1'0"
	1:12	1" = 1'0"
	1:16	3/4" = 1'0"
	1:24	1/2" = 1'0"
	1:32	3/8" = 1'0"
EN TE	1:48	1/4" = 1'0"
-	1:64	3/16" = 1'0"
)	1:96	1/8" = 1'0"
	1:128	3/32" = 1'0"
	1:192	1/16" = 1'0"

DRAWING VIEWS SCALE CHAR

SHEET SCALE: 1:1

1" = 1'0"

5 TECHNOLOGY CIRCLE COLUMBIA SC 29203 P 803 926.7926

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DRAWING NUMBER

CYTD-LTR-508-IL-EX-042H

TITLE

SIGN TYPE

Letterset

CUSTOMER

Courtyard by Marriott

OCATION

3004 W US Hwy 90 Lake City, FL 32055

DATE

2/20/2023

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yere Murdoch, PE Professional Engineer FL PE Lic. #73432 Exp. 2/28/2025

SHEET 4 OF 5

THIS SIGN TO BEAR UNDERWRITERS LABEL	100-277 VOLTS
NOTE: THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES, THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN.	NOTICE TO SIGN INSTALLER: THE VOLTAGE AT THIS SIGN MUST BE BETWEEN 100 & 277 VOLTS FOR THIS SIGN TO OPERATE PROPERLY. NOTE: SPLICE CONNECTION BOX AND TRANSFORMER MUST NOT BE EXPOSED TO OUTSIDE WEATHER CONDITIONS.
<u>UL N</u>	<u>OTE</u>
THIS SIGN IS RATED FOR USE IN W	FT OR DAMP LOCATIONS ONLY

### **GENERAL:**

- 1. ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE FLORIDA BUILDING CODE (FBC).
- 2. CONSTRUCTION METHODS AND PROJECT SAFETY: DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE METHODS, PROCEDURES, OR SEQUENCE OF CONSTRUCTION. TAKE NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE DURING CONSTRUCTION. THE EOR WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND BEGIN ATIONS
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO THE START
  OF CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES
  THAT ARE FOUND. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE
  DRAWINGS.
- 4. ALL OMISSIONS AND/OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND FIELD INSPECTOR. THE ENGINEER SHALL PROVIDE A SOLUTION PRIOR TO PROCEEDING WITH ANY WORK AFFECTED BY THE CONFLICT OR OMISSION.
- WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, CONSTRUCT IN ACCORDANCE WITH THE STEEL CONSTRUCTION MANUAL, 14TH EDITION OR 2010 ALUMINUM DESIGN MANUAL.
- WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
- ANY CHANGE TO THE DESIGN AS SHOWN ON THE DRAWINGS REQUIRES PRIOR WRITTEN APPROVAL FROM DESIGN ENGINEER OF RECORD BEFORE CONSTRUCTION.
- WORK PERFORMED IN CONFLICT WITH THE STRUCTURAL DRAWINGS OR APPLICABLE BUILDING CODE REQUIREMENTS SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
- VERIFICATION: VERIFY ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK. NOTIFY THE EOR IMMEDIATELY OF ANY DISCREPANCIES.

### **EXISTING CONDITIONS:**

- IF EXISTING CONDITIONS ARE NOT AS DETAILED IN THIS DESIGN, THE INSTALLER SHALL CEASE WORK AND NOTIFY MURDOCH ENGINEERING IMMEDIATELY.
- 2. MURDOCH ENGINEERING WILL NOT BE PERFORMING ON-SITE INSPECTIONS OR VERIFICATIONS. IT IS THE RESPONSIBILITY OF THE INSTALLER, STRUCTURE OWNER, AND PROPERTY OWNER TO IDENTIFY EXISTING CONDITIONS AND CONTACT MURDOCH ENGINEERING WITH ANY DISCREPANCIES OR CONCERNS.
- INSTALLER SHALL CONFIRM THE DIAMETER AND THICKNESS OF EXISTING MEMBERS AND NOTIFY MURDOCH ENGINEERING OF ANY DISCREPANCIES.
- 4. INSTALLER SHALL INSPECT AND CONFIRM THE QUALITY OF EXISTING STRUCTURE AS "IN GOOD REPAIR". IF THERE ARE ANY INDICATIONS THAT THIS IS NOT THE CASE, INSTALLER SHALL CEASE WORK IMMEDIATELY AND NOTIFY MURDOCH ENGINEERING.
- 5. ANY EXISTING INFORMATION SHOWN HAS BEEN FURNISHED BY THE PERSON(S) OR COMPANY THIS DOCUMENT WAS PREPARED FOR
- (SEE TITLE BLOCK). MURDOCH ENGINEERING IN NO WAY CERTIFIES THIS INFORMATION AS "AS-BUILT". IF THERE IS ANY REASON TO BELIEVE THE EXISTING CONDITIONS DETAILED HEREIN ARE NOT ACCURATE, MURDOCH ENGINEERING SHALL BE NOTIFIED IMMEDIATELY.

The designs, details and specifications contained in this drawing are confidential. The recipients of this drawing hereby acknowledge and agree that it is the sole property of Murdoch Engineering and that they shall neither use nor reveal any of the designs, details and specifications contained in this drawing, outside of the contractual agreement expressed written permission from Murdoch Engineering.

Deviations from this drawing shall not be made without consulting Murdoch Engineering. In case of incongruities between drawings, specifications, and details included in contract documents, Murdoch Engineering shall decide which indication must be followed and their decision shall be final.

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1. STEEL SHAPES SHALL CONFORM TO THE FOLLOWING:

 ROUND HSS
 ASTM A500, GR B
 Fy=42 KSI MIN.

 SQUARE/RECT HSS
 ASTM A500, GR B
 Fy=46 KSI MIN.

 THREADED ROD
 F1554 GR 55
 Fy=55 KSI MIN.

 STEEL PLATE STD.
 ASTM A36 ASTM
 Fy=36 KSI MIN.

 PIPE
 A53, GR B
 Fy=35 KSI MIN.

- 2. BOLTS SHALL CONFORM TO ASTM A325 UNO.
- 3. BOLTS AND THREADED ROD SHALL BE HOT-DIP GALVANIZED PER ASTM F2329 UNO.
- 4. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 UNO.
- 5. NUTS SHALL CONFORM TO ASTM A563.
- 6. WASHERS SHALL CONFORM TO ASTM F844.
- 7. STEEL HARDWARE SHALL BE HOT-DIP GALVANIZED PER ASTM A153 UNO
- 8. WELDING:
- a. WELD STRUCTURAL STEEL IN COMPLIANCE WITH ANSI/AWS D1.1 AND AISC SPECIFICATION, CHAPTER J. WELDERS SHALL BE CERTIFIED AS REQUIRED BY GOVERNING CODE AUTHORITY. WELDING SHALL BE DONE BY ELECTRIC ARC PROCESS USING LOW-HYDROGEN ELECTRODES WITH SPECIFIED TENSILE STRENGTH NOT LESS THAN 70 KSI UNLESS NOTED OTHERWISE.
- b. ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AWS OR ICC CERTIFIED WELDER WITH ACTIVE STATUS AT TIME OF WELDING
- c. UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELDS PER AISC SPECIFICATION, SECTION J2, TABLE J2.4
- d. Base plates shall be welded on top and bottom with continuous welds of at least 1/4" (if plate is cut to fit tube into plate)

#### ALUMINUM:

- FABRICATE AND ERECT ALUMINUM IN COMPLIANCE WITH THE ALUMINUM ASSOCIATION (AA) 2010
   ALUMINUM DESIGN MANUAL (ADM) 1, THE SPECIFICATIONS FOR ALUMINUM SHEET METAL WORK
   (ASM35), AND IBC CHAPTER 20.
- 2. PIPE AND TUBE SHALL BE 6061-T6 PER ASTM B241 OR B429 WITH Ftu=38 KSI MIN, Fty=35 KSI MIN, Ftuw=24 KSI MIN, Ftyw=15 KSI MIN.
- 3. STD STRUCTURAL PROFILES SHALL BE 6061-T6 PER B308 WITH Ftu=38 KSI MIN, Fty=35 KSI MIN, Ftuw=24 KSI MIN, Ftyw=15 KSI MIN.
- 4. SHEET AND PLATE SHALL BE 6061-T6 PER ASTM B209 WITH
- Ftu=42 KSI MIN, Fty=35 KSI MIN, Ftuw=24 KSI MIN, Ftyw=15 KSI MIN.
- 5. EXTRUSIONS SHALL BE 6061-T6 PER ASTM B241 OR B429 WITH Ftu=38 KSI MIN, Fty=35 KSI MIN, Ftuw=24 KSI MIN, Ftyw=15 KSI MIN
- 6. ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AWS OR ICC CERTIFIED WELDER WITH CURRENT STATUS AT TIME OF WELDING
- 7. UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELD PER ADM. ALL ALUMINUM WELDED JOINTS SHALL HAVE WELD SIZES OF AT LEAST  $^1_4$  INCH
- 8. FILLET WELDS SHALL NOT EXCEED THINNEST MEMBER WALL THICKNESS JOINED.
- 9. ALUMINUM WELD FILLER SHALL BE 5356 ALLOY
- 10. WELDING PROCESS GMAW OR GTAW SHALL BE IN ACCORDANCE WITH AWS D1.2
- 11. ALUMINUM CHANNEL LETTERS SHALL BE CONSTRUCTED OF 0.090" RETURNS AND 0.125" BACKS MINIMUM, UNLESS A LARGER SIZE IS INDICATED ON DRAWINGS. THIS NOTE SHALL SUPERCEDE DRAWING DETAILS.
- 12. PROVIDE NEOPRENE GASKET BETWEEN DISSIMILAR METALS TO PREVENT GALVANIC CORROSION
- 13. ALUMINUM DIRECTLY EMBEDDED INTO CONCRETE SHALL BE CAPPED AT BOTTOM AND COATED WITH BITUMINOUS COATING OR POLYURETHANE WHERE IN CONTACT WITH CONCRETE.
- 14. FASTENERS BETWEEN DISSIMILAR METALS SHALL BE STAINLESS STEEL 316.

### SCOPE OF WORK:

1. LIMITS OF LIABILITY TO EXTEND ONLY TO THE QUANTITY INDICATED. ATTEMPTS IN PART OR IN WHOLE TO INSTALL GREATER QUANTITIES THAN THOSE SPECIFIED WITHOUT CONSULTING MURDOCH ENGINEERING SHALL VOID ALL PROFESSIONAL LIABILITY AND COVERAGE. ENGINEERING LIABILITY IS LIMITED TO BUILDING CONNECTIONS.



Digitally signed by Jere Murdoch, PE Date: 2024.01.11 11:42:42 -05'00' MURDOCH ENGINEERING SIGN STRUCTURE PROFESSIONALS

**GENERAL NOTES** 

murdochengineering.com (973) 570-8215 2399 NJ-34 A-2 Manasquan, NJ 08736

PREPARED FOR:



PROJECT TITLE:

Courtyard by Marriott

PROJECT ADDRESS:

3004 W US Hwy 90 Lake City, FL 32055

### DESIGN SPECIFICATIONS

FL Building Code 2020 7th Edition

ASCE 7-16 Minimum Design Loads for Buildings & Other Structu

 $ACI\ 318-14\ \ {\tt Building Code Requirements for Structural Conc} \\ ANSI/AISC\ 360-16\ \ {\tt Specification for Structural Steel Buildings} \\$ 

### DESIGN LOADS

Wind V = 120 mph Exposure C

Risk Cat. II

