



BUILDING SYSTEMS, INC.
3300 Holcomb Bridge Rd., Suite 201
Norcross, Georgia 30092

DONALD DAVIES
5133 MARION RD
CUNNINGHAM, TN 37052
Attn: MARCIA FOSTER

Project Name: DONALD DAVIES

Buildings: A->30'-0"x60'-0"x12'-0" (RCG, 1.0:12)

January 23, 2021

Project Location: FT WHITE, FL 32038
NBG Project #: S2008565A

This Letter of Design Certification ensures that the materials furnished by the metal building supplier are designed in accordance with the information specified to the metal building supplier on the order documents and summarized by the loading information listed below. The Project Engineer of Record (not the metal building supplier) is responsible for verifying that the building code and design loads meet any and all applicable local requirements.

The Professional Engineer whose seal appears on this Letter of Certification is employed by the metal building manufacturer and does not serve as or represent the Engineer of Record for this project and shall not be construed as such.

DESIGN LOAD CRITERIA:

Structural Loads Applied in General Accordance with: Florida (FBC 2020)
MBMA Occupancy Importance Classification: II - Standard Buildings

PROJECT-WIDE LOADING INFORMATION:

Ground Snow Load: 0.0 psf
Roof Live Load: 20.0 psf
Snow Exposure Factor, Ce: 1.00
Snow Imp. Factor, Is: 1.00
Rain Intensity, R: 4.16 in/hr
Ultimate Design Wind Velocity: 120 mph
Nominal Design Wind Velocity: 93 mph
***Components & Cladding Pressures: 29 psf / -38 psf
Is Roof to meet UL 90 Requirements?: No
Wind Exposure: C
Seismic Criteria: Ss: 0.079 S1: 0.048
Design Sds / Sd1: 0.083/0.075
Seis. Imp. Factor, Ie: 1.00
Seis. Design Category: B
Site Class: D
* No ground snow included in seismic calculations.
Analysis Procedure: Equiv. Lat. Force Procedure
Basic SFRS: Not Detailed for Seismic

BUILDING-SPECIFIC LOADING INFORMATION:

Bldg	Roof Dead (psf)*	Collateral Dead		Snow Coefficient		Snow Load (psf)		Wind		Seismic		
		Pri (psf)	Sec (psf)	Ct	Cs	Ps (psf)	**Pm (psf)	Enclosure	GCpi	R	Cs	V (kips)
A	3.0	1.0	1.0	1.0	1.00	0.00	0.00	Enclosed	± 0.18	3.00	0.028	0.39

*Primary Structural Not Included

**P_m is based on the minimum roof snow load calculated per building code or the contract-specified roof snow load, whichever is greater. This value, P_m, is only applied in combination with Dead and Collateral Loads. Roof Snow in other loading conditions is determined per the specified Building Code.

***Ultimate Design wind pressures to be used for wall exterior component and cladding materials not provided by Metal Building Supplier

Mezzanine Information:

Floor Dead Load: N/A

Floor Collateral Load: N/A

Floor Live Load: N/A

Crane Information:

No cranes on building.

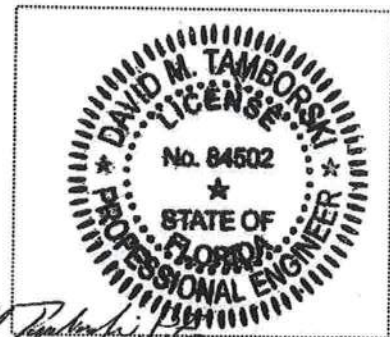
Roof-Top Unit Information

No roof-top units on building.

The design of structural members supporting roof gravity loads is controlled by the more critical effect of roof live load or roof snow applied in accordance with the governing building code.

DESIGN STANDARDS REFERENCED:

- AISC Specification for Structural Steel Buildings - Steel Construction Manual, 15th Edition, © 2017.
- AISI North-American Specification for the Design of Cold-Formed Steel Structures, © 2016 Edition.
- IBC codes are designed in accordance with ASCE7-16 Edition.
- MBMA Low Rise Building Systems Manual, Latest Edition.
- AWS Latest Edition of Structural Welding Code.
- No buyout structural components provided on this project.



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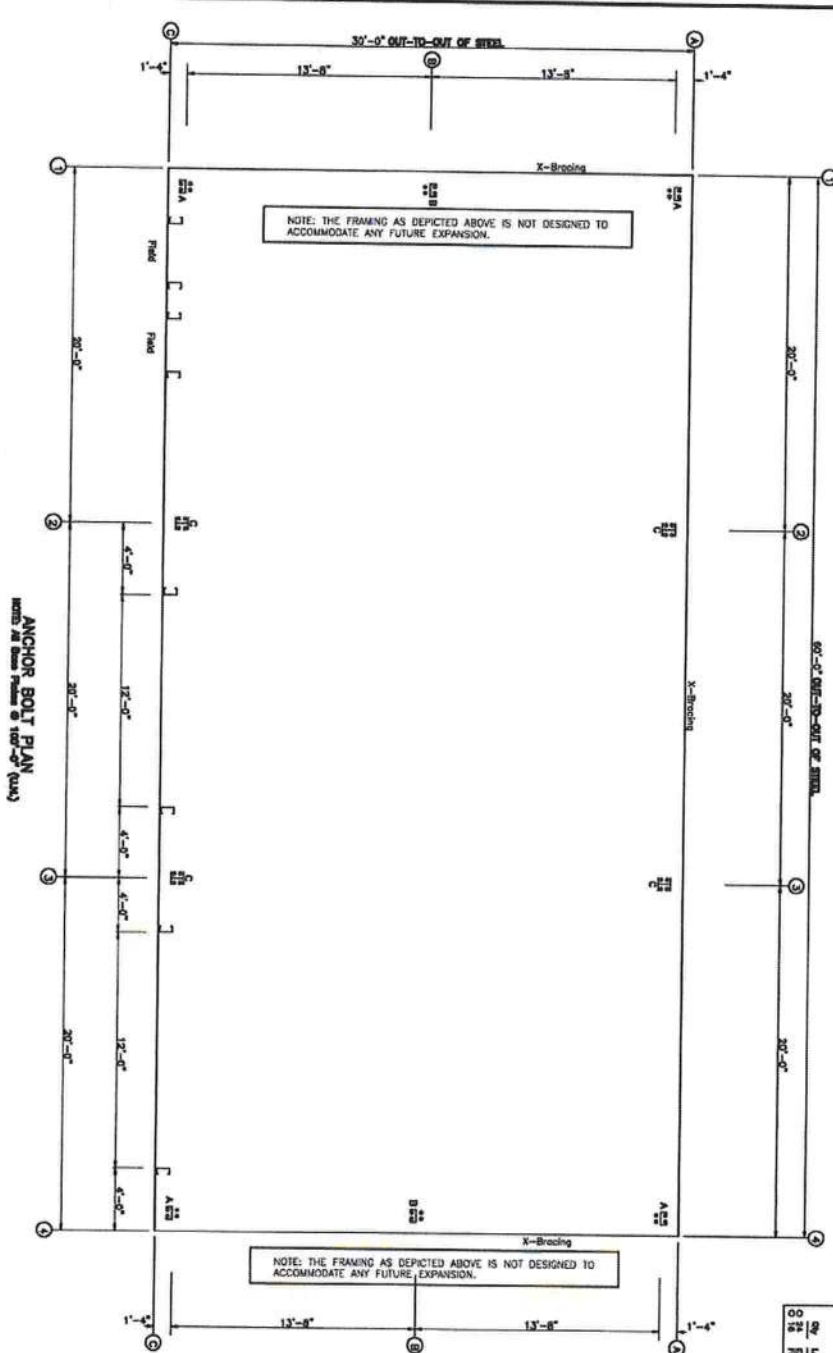
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Edmund Burke

A circular professional engineer seal for David M. Tamborese, No. 64002, State of Maryland. The seal features the text "DAVID M. TAMBORESE" at the top, "No. 64002" in the center, and "STATE OF MARYLAND" at the bottom, with "PROFESSIONAL ENGINEER" written around the inner border.

JOB NUMBER
S2008565A

BOOK	DATE	TIME	BY	DATE
ANCHOR BOLTS	MES	DAW	ACB	DNT 1/27/2021
PERMITS	MES	DAW	ACB	DNT 1/27/2021



ANCHOR BOLT SUMMARY

Qty	Length	Bar Size	Notes
00	13	3/4"	11884 300

GENERAL NOTES

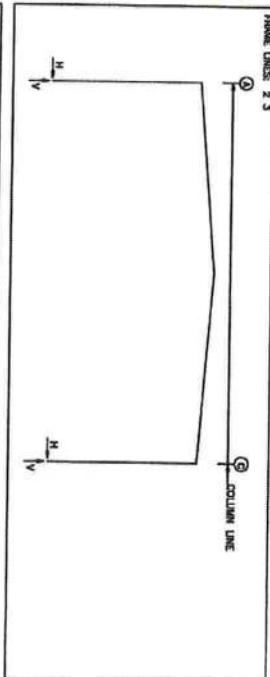
1. THE SPECIFIED ANCHOR ROD DIAMETER ASSUMES F1554 GRADE 36 UNLESS NOTED OTHERWISE. THE ANCHOR RODS SHALL BE EQUAL DIAMETER THROUGHOUT THE ENTIRE LENGTH OF THE ANCHOR ROD. THE ANCHOR RODS SHALL BE PROVIDED WITH THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS. THE ANCHOR RODS SHALL BE PROVIDED WITH THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS. THE ANCHOR RODS SHALL BE PROVIDED WITH THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS.
2. METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR PROJECT FOUNDATION DESIGN. THE FOUNDATION DESIGN IS THE RESPONSIBILITY OF A REGISTERED PROFESSIONAL ENGINEER, FAMILIAR WITH LOCAL SITE CONDITIONS.
3. ANCHOR RODS, METAL PLATE WELDERS FOR ANCHOR RODS, EXPANSION BOLTS, AND CONCRETE/ANCHOR EMBEDMENT PLATES ARE NOT BY METAL BUILDING MANUFACTURER.
4. THE ANCHOR ROD LOCATIONS PROVIDED BY METAL BUILDING MANUFACTURER SHALL BE PERMANENT REQUIREMENTS FOR THE DESIGN OF THE MATERIALS SUPPLIED BY THE METAL BUILDING MANUFACTURER. IT IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO MAKE SURE THE ANCHOR ROD EMBEDMENT IS PROVIDED FOR ALL ANCHOR RODS IN THE DETAILS OF THE FOUNDATION DESIGN.
5. DRAWINGS ARE NOT TO SCALE. SEE DETAILS FOR COLUMN ORIENTATION.
6. THE ANCHOR ROD PLAN INDICATES WHERE THE ANCHOR RODS ARE TO BE PLACED AS WELL AS THE FOOTPRINT OF THE METAL BUILDING. IT IS ESSENTIAL THAT THESE ANCHOR ROD PATTERNS BE FOLLOWED. IF ANY CHANGES ARE MADE TO THE ANCHOR ROD PATTERNS, THE METAL BUILDING MANUFACTURER MUST BE CONTACTED IMMEDIATELY - BEFORE CONCRETE IS PLACED.
7. "SINGLE" CEE COLLARS SHALL BE ORIENTED WITH THE "TUCKS" TOWARD THE LOW EAVE UNLESS NOTED OTHERWISE.
8. ALL DIMENSIONS ARE OUT TO OUT OF STEEL. IF CONCRETE NOTCH IS REQUIRED THEN THE REQUIRED DIMENSION SHOULD BE ADDED TO OBTAIN THE OUT TO OUT OF CONCRETE DIMENSION.
9. FINISHED FLOOR ELEVATION = 100'-0"
10. UNLESS NOTED OTHERWISE.

PROJECT NAME DONALD DAVIES 269 SW BOB WHITE GLEN, FT WHITE, FL 32038		ARCO BUILDING SYSTEMS 3200 HOLCOMB BRIDGE ROAD, SUITE 201 NORFOLK, VA 20602 (703) 447-1928 TOLL FREE (800) 341-4336 FAX (703) 882-5053	
CUSTOMER NAME DONALD DAVIES CUNNINGHAM, TN 37052		JOB NUMBER S2008565A	
SHEET F1 of 2		SHEET TITLE ANCHOR BOLT PLAN	

01/28/2021



NO.	DATE	TIME	SPK	UNIT	PC	NOTE
ANCHOR BOLTS	NRG	DAW	ACB	DMT		1/27/2021
PERMITS	NRG	DAW	ACB	DMT		1/27/2021



RIGID FRAME: ANCHOR BOLTS & BEAM PLATES

From Col Line	Acc. Dist	Beam Thick (in)	Beam Length (in)	Beam Depth (in)
20	4	0.750	8.000	11.50
21	4	0.750	8.000	11.50
22	4	0.750	8.000	11.50

ENDWALL COLUMN: ANCHOR BOLTS & BEAM PLATES

From Col Line	Acc. Dist	Beam Thick (in)	Beam Length (in)	Beam Depth (in)
1	4	0.750	8.000	8.500
2	4	0.750	8.000	8.500
3	4	0.750	8.000	8.500
4	4	0.750	8.000	8.500
5	4	0.750	8.000	8.500

BUILDING BRACING REACTIONS

Wind Line	Col Line	Wind Dir	Wind Vel	Wind Pres	Wind Suct
1	1	1.1	0.1	0.1	0.1
2	2	1.1	0.1	0.1	0.1
3	3	1.1	0.1	0.1	0.1
4	4	1.1	0.1	0.1	0.1
5	5	1.1	0.1	0.1	0.1

RIGID FRAME: BEAM COLUMN REACTIONS (k)

From Col Line	Acc. Dist	Beam Thick (in)	Beam Length (in)	Beam Depth (in)	Beam Vel	Beam Pres	Beam Suct
20	4	0.750	8.000	11.50	0.1	0.1	0.1
21	4	0.750	8.000	11.50	0.1	0.1	0.1
22	4	0.750	8.000	11.50	0.1	0.1	0.1

ENDWALL COLUMN: BEAM COLUMN REACTIONS (k)

From Col Line	Acc. Dist	Beam Thick (in)	Beam Length (in)	Beam Depth (in)	Beam Vel	Beam Pres	Beam Suct
1	4	0.750	8.000	8.500	0.1	0.1	0.1
2	4	0.750	8.000	8.500	0.1	0.1	0.1
3	4	0.750	8.000	8.500	0.1	0.1	0.1
4	4	0.750	8.000	8.500	0.1	0.1	0.1
5	4	0.750	8.000	8.500	0.1	0.1	0.1

GENERAL NOTES

1. ALL LOADING CONDITIONS ARE EXAMINED. THE MAXIMUM AND MINIMUM HORIZONTAL (H) AND VERTICAL (V) REACTIONS ARE PROVIDED BY THE CORRESPONDING VERTICAL (V) ON HORIZONTAL (H) REACTIONS (V) ARE REPORTED.
2. REACTIONS ARE PROVIDED BY LOAD CASE IN ORDER TO AD THE FOUNDATION ENGINEER IN DETERMINING THE APPROPRIATE LOAD FACTORS AND COMBINATIONS TO BE USED WITH EITHER WORKING STRESS OR ULTIMATE DESIGN DESIGN METHODS. WIND LOAD CASES ARE GIVEN FOR EACH PRIMARY WIND DIRECTION.
3. FOR DESIGN OF BEAMS, BEAM COLUMN JOINTS, THE UNFACTORED LOAD CASE REACTIONS DUE TO WIND ARE PROVIDED. FOR DESIGN OF BEAMS, BEAM COLUMN JOINTS, THE UNFACTORED LOAD CASE REACTIONS DUE TO WIND ARE PROVIDED.
4. POSITIVE (+) REACTIONS ARE AS SHOWN ABOVE. FOUNDATION LOADS ARE IN OPPOSITE DIRECTIONS.
5. FOUNDATION REACTIONS ARE IN THE PLANE OF THE BEAM WITH THE HORIZONTAL REACTION (H) ACTING AWAY FROM THE BEAM AND THE VERTICAL REACTION (V) ACTING DOWNWARD.

***** RIGID FRAME LOAD CASE ABBREVIATIONS: *****

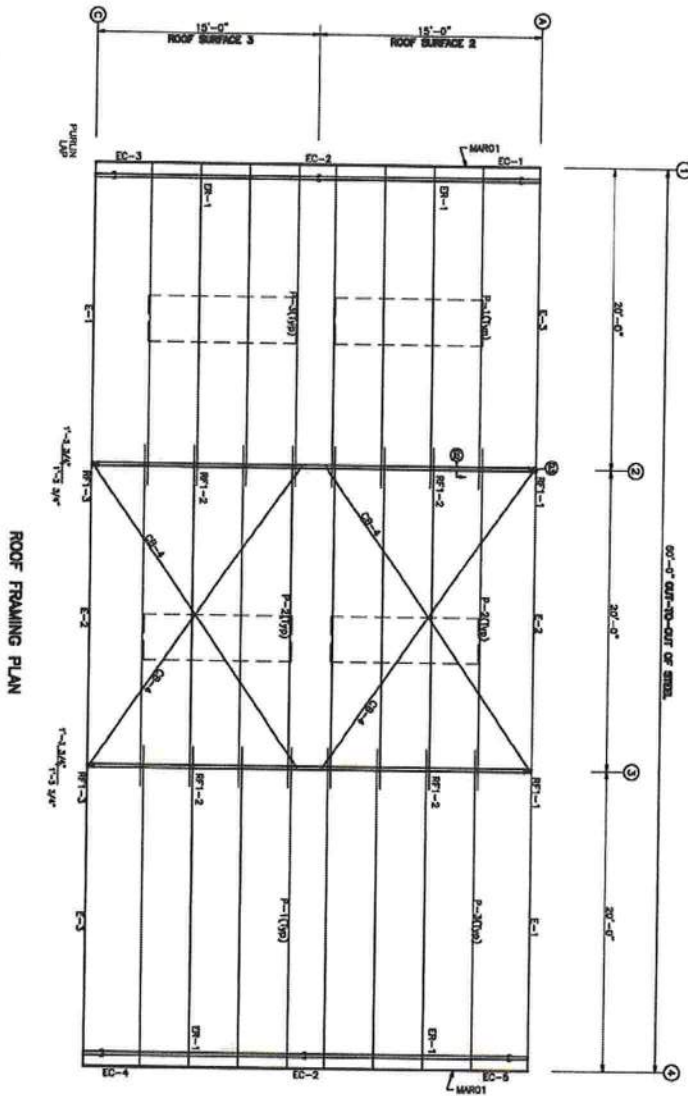
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PROJECT NAME DONALD DAVIES 269 SW BOB WHITE GLEN, FT WHITE, FL 32038 CUSTOMER NAME DONALD DAVIES CUNNINGHAM, TN 37052		ARCO BUILDING SYSTEMS 3300 MCLEOD BRIDGE ROAD, SUITE 201 NORFOLK, VA 23502 PHONE: (770) 447-1928 TOLL FREE: (800) 241-6330 FAX: (770) 662-5053		ANCHOR BOLTS PERMITS 1/27/2021 1/27/2021	
JOB NUMBER S2008565A		SHEET TITLE		1/27/2021	

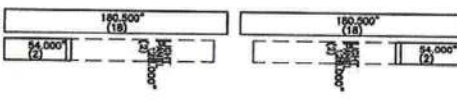
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1/28/2021

R1 of 1



ROOF SHEETING
PANELS 24 in. OR
LESS



ROOF FRAMING PLAN

GENERAL NOTES

1. PLACE SLOPED END OF RAFTERS TOWARDS THE LOW EAVE.
2. STD. ROOF/CHALK SIZES PER PART SPECIFIC ARE:
3. PURLIN AND EAVE STRUT CONNECTIONS UNLESS BOTH ABOVE AND ALSO BOLTS. REFER TO THE DETAILS FOR SPECIFIC JOINT REQUIREMENTS.
4. THIS DRAWING IS NOT TO SCALE.

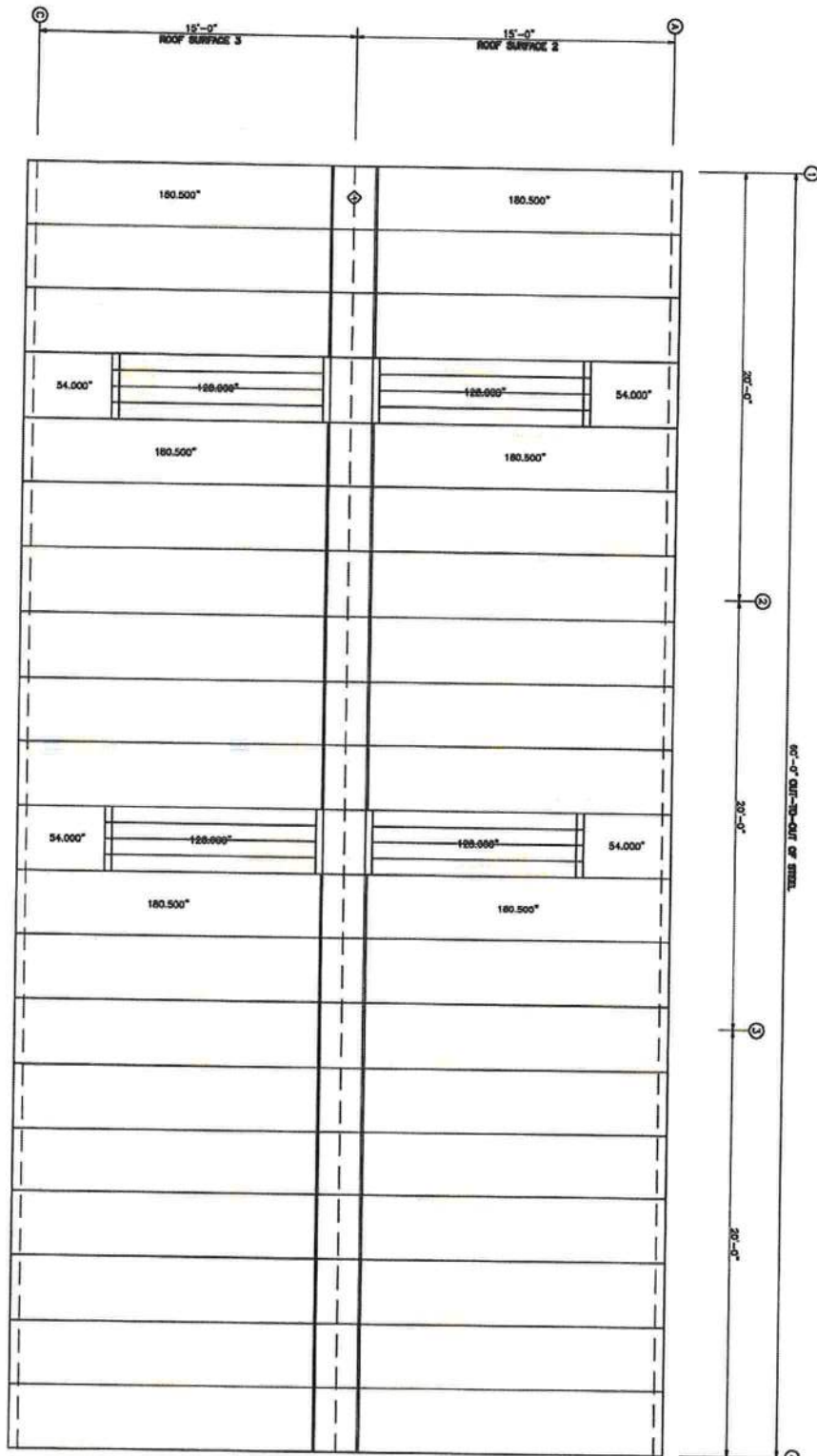
MARK	PART	LENGTH
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R-2	082080	271.500
R-3	082080	255.500
R-4	082080	239.750
R-5	082080	239.750
R-6	082080	239.750
R-7	082080	239.750
R-8	082080	239.750
R-9	082080	239.750
R-10	082080	239.750
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R-70	082080	239.750
R-71	082080	239.750
R-72	082080	239.750
R-73	082080	239.750
R-74	082080	239.750
R-75	082080	239.750
R-76	082080	239.750
R-77	082080	239.750
R-78	082080	239.750
R-79	082080	239.750
R-80	082080	239.750
R-81	082080	239.750
R-82	082080	239.750
R-83	082080	239.750
R-84	082080	239.750
R-85	082080	239.750
R-86	082080	239.750
R-87	082080	239.750
R-88	082080	239.750
R-89	082080	239.750
R-90	082080	239.750
R-91	082080	239.750
R-92	082080	239.750
R-93	082080	239.750
R-94	082080	239.750
R-95	082080	239.750
R-96	082080	239.750
R-97	082080	239.750
R-98	082080	239.750
R-99	082080	239.750
R-100	082080	239.750

01/28/2021

PROJECT NAME DONALD DAVIES 269 SW BOB WHITE GLEN, FT WHITE, FL 32038 CUSTOMER NAME DONALD DAVIES CUNNINGHAM, TN 37052		ARCO BUILDING SYSTEMS 3300 HOLCOMB BRIDGE ROAD, SUITE 201 NORCROSS, GA 30092 PHONE: (770) 447-1928 FAX: (770) 447-1928		ANCHOR BOLTS PERMITS MBS DAF ACB DMT 1/27/2021 MBS DAF ACB DMT 1/27/2021	
JOB NUMBER S2008585A		SHEET TITLE ROOF FRAMING PLAN		SHEET NO. E1 of 7	

ROOF SHEETING PLAN
 FINISH: 20 GA. CR - 1/2" GYPSUM

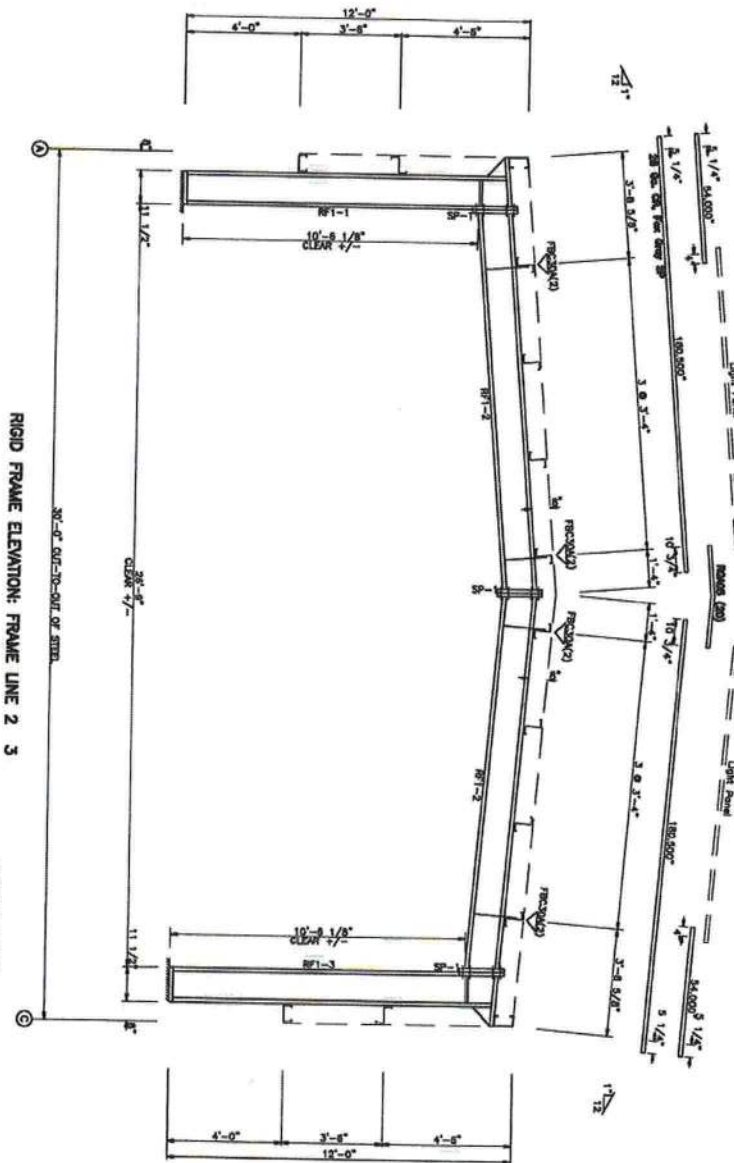


ITEM	DESCRIPTION	QUANTITY	UNIT
1	ROOF SHEETING	180.500	SQ. FT.
2	ROOF FLASHING	128.000	SQ. FT.
3	ROOF DRAIN	1	EA.

PROJECT NAME DONALD DAVIES 269 SW BOB WHITE GLEN, FT WHITE, FL 32038		ARCO BUILDING SYSTEMS 3000 HOLCOMB BROOK ROAD, SUITE 201 NORCROSS, GA 30062 PHONE: (770) 447-1928 TOLL FREE: (800) 341-8339 FAX: (770) 882-5053		ANCHOR BOLTS PERMITS	
CUSTOMER NAME DONALD DAVIES CUNNINGHAM, TN 37052		JOB NUMBER S2008565A		SHEET TITLE ROOF SHEETING PLAN	
SHEET E2 of 7		DATE 01/28/2021		REVISIONS 1. 01/28/2021 2. 01/28/2021	

SPICE PLATE & BOLT TABLE						
Mark	Qty	Top	Bot	Int	Type	Length
SP-1	4	4	0	A325	0.625	2.25
					6"	3/8" 1-5 1/8"

MEMBER TABLE						
Mark	Web Depth	Web	Flange	Outside Flange	Inside Flange	
RF-1-1	11.0/11.0	0.150	137.0	5 x 1/4" x 180.2	5 x 1/4" x 122.9	
RF-1-2	11.0/11.0	0.150	137.0	5 x 1/4" x 180.2	5 x 1/4" x 122.9	
RF-1-3	11.0/11.0	0.150	137.0	5 x 1/4" x 180.2	5 x 1/4" x 122.9	



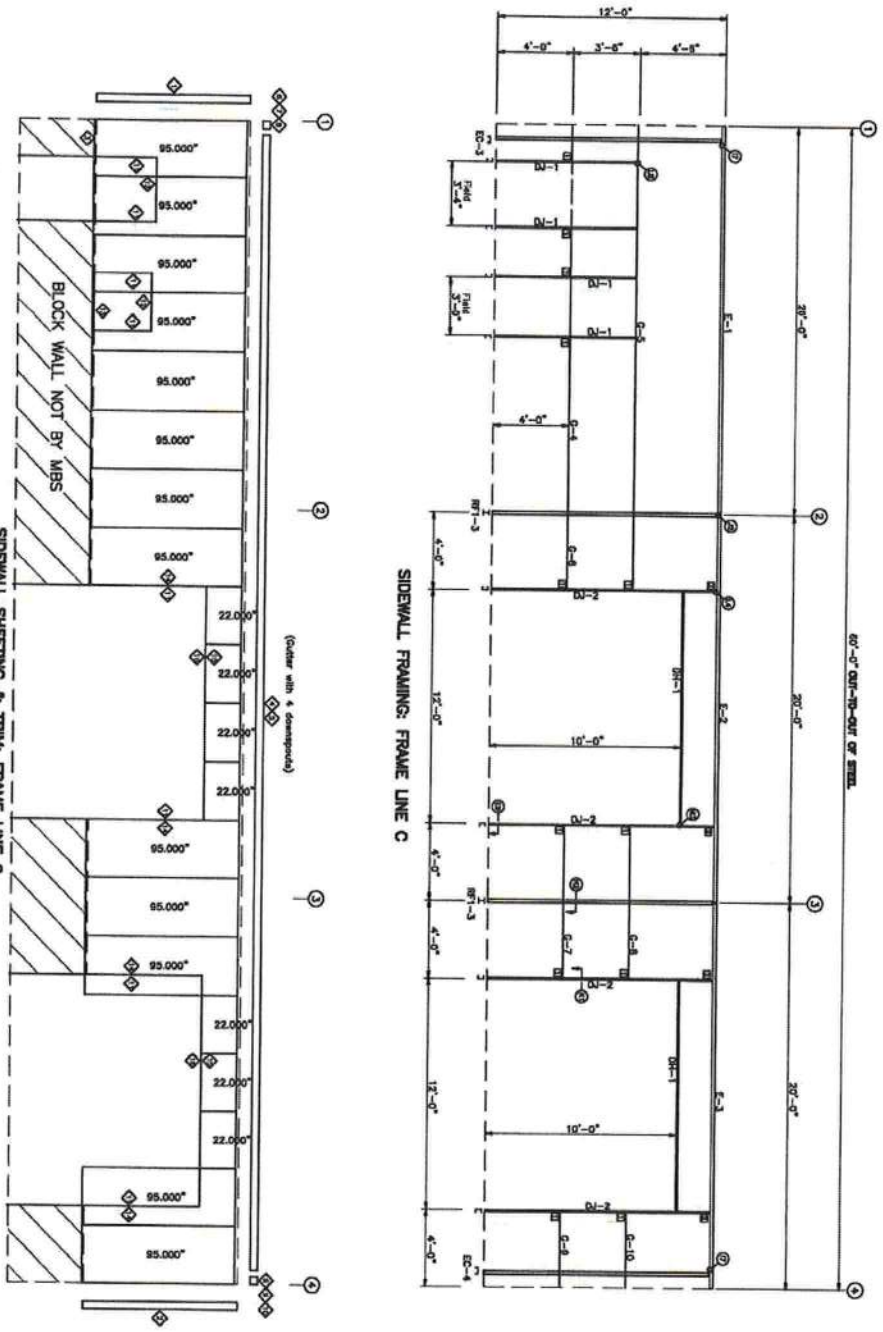
RIGID FRAME ELEVATION: FRAME LINE 2 3

GENERAL NOTES

1. MEMBER'S FLANGE BRACING LOCATIONS: (1) = ONE SIDE, (2) = TWO SIDES.
2. IF FLANGE BRACING IS REQUIRED ON BOTH SIDES OF ALL EXPOSED RIGID FRAME, THE OPPOSITE SIDE FLANGE BRACING WILL HAVE TO BE INSTALLED AT THE TIME OF FUTURE EXPANSION. THESE FLANGE BRACES HAVE BEEN PROVIDED, AS REQUIRED, FOR THIS FUTURE CONSTRUCTION.
3. RIGID FRAMES SHALL HAVE SOCS OF THEIR BOLTS INSTALLED AND TIGHTENED ON BOTH SIDES OF THE WEB ADVANCE TO EACH FLANGE BEFORE THE HOISTING OPERATION IS RELEASED.
4. INTERIOR COLUMN WEAL, TWO IS ORIENTED TOWARD THE LOW SIDE OF THE BUILDING.

01/28/2021

PROJECT NAME DONALD DAVIES 269 SW BOB WHITE GLEN, FT WHITE, FL 32038		ARCO BUILDING SYSTEMS 3300 HOLCOMB BROOK ROAD, SUITE 201 NORCROSS, GA 30092 PHONE: (770) 447-1928 TOLL FREE: (800) 241-8339 FAX: (770) 882-5053		ANCHOR BOLTS PERMITS	
CUSTOMER NAME DONALD DAVIES CUNNINGHAM, TN 37052		JOB NUMBER S2008565A		DATE 1/27/2021	
SHEET E3 of 7		SHEET TITLE		DATE 1/27/2021	



- GENERAL NOTES**
1. STD. ROD/PIPE SIZES PER PART PRINT ARE:
 2. ROD/PIPE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONNECTIONS WILL REQUIRE FIELD SLOTTING OF GIRT WELDS TO ALLOW FOR BRACING.
 3. FRAMED OPENINGS WHICH ARE FIELD LOCATIONS WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
 4. THIS DRAWING IS NOT TO SCALE.

SIDEWALL FRAMING PLAN

CONNECTION PLATES

MARK/PIECE	LENGTH
DJ-1	108C080
DJ-2	108C080
DH-1	108C080
E-1	108C080
E-2	108C080
E-3	108C080
E-4	108C080
E-5	108C080
E-6	108C080
E-7	108C080
E-8	108C080
E-9	108C080
E-10	108C080

TRIM TABLE

ITEM	DESCRIPTION	LENGTH	DETAIL
1	CCA01	148.000	TRIM_95
2	CCA02	148.000	TRIM_79
3	CCA03	148.000	TRIM_79
4	CCA04	148.000	TRIM_223
5	CCA05	148.000	TRIM_21
6	CCA06	148.000	TRIM_21
7	CCA07	148.000	TRIM_21
8	CCA08	148.000	TRIM_21
9	CCA09	148.000	TRIM_21
10	CCA10	148.000	TRIM_21
11	CCA11	148.000	TRIM_21
12	CCA12	148.000	TRIM_21
13	CCA13	148.000	TRIM_21
14	CCA14	148.000	TRIM_21
15	CCA15	148.000	TRIM_21
16	CCA16	148.000	TRIM_21

PROJECT NAME
DONALD DAVIES
269 SW BOB WHITE GLEN, FT WHITE, FL 32038

CUSTOMER NAME
DONALD DAVIES
CUNNINGHAM, TN 37052

JOB NUMBER
S2008565A

ARCO BUILDING SYSTEMS
3330 HOLCOMB BRIDGE ROAD, SUITE 201
ROCKFORD, GA 30082

PHONE: (770) 647-1028
FAX: (770) 647-8339
EMAIL: info@arco-bldg.com

ANCHOR BOLTS

MBS	DAW	ACB	DMT
1/2"	1/2"	1/2"	1/2"

PERMITS

MBS	DAW	ACB	DMT
1/2"	1/2"	1/2"	1/2"

DATE 01/28/2021

SHEET E4 of 7



GENERAL NOTES

- CAC- = 1/2" CABLE

FRM. TABLE		
FRAME LINE A		
OLD PART	LENGTH	DETAIL
1 GCAD1	Use Drop	TRIM .79
2 RCAD1	242.000	TRIM .79
3 ES002	122.000	TRIM .225
4 51AC02	242.000	TRIM .1
5 RCAD0	2.000	TRIM .21
6 51AC01	2.250	
7 GCAD1	3.000	
8 HA000	5.000	
9 RCAD2	9.250	

MEMBER TABLE		
FRAME	LINE A	
	PART	LENGTH
E-1	08E060	239.625
E-2	08E060	239.750
E-3	08E060	239.625
G-1	08C060	239.000
G-12	08Z060	235.500
G-13	08C060	238.500
G-14	08Z060	271.500
G-15	08Z060	255.500
CB-3	RDR-	278.000

01/28/2021

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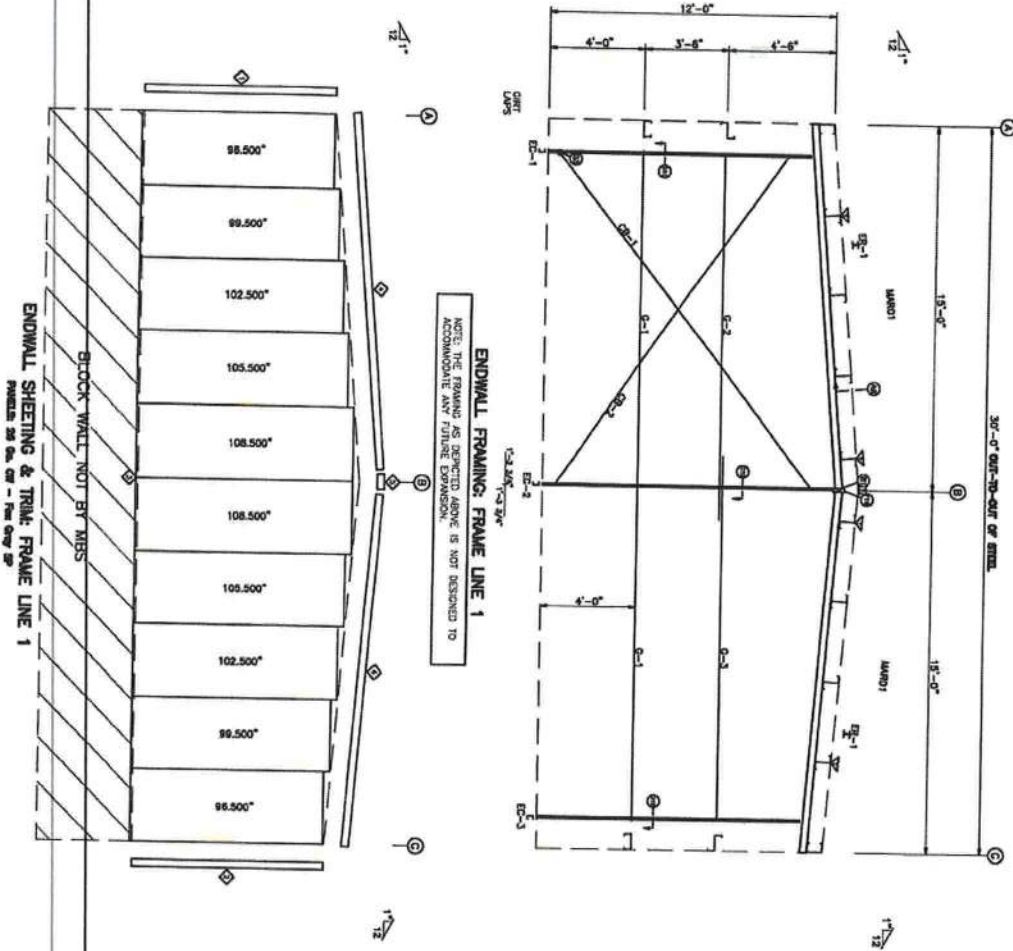
SEE
E5 of 7

E5 of 7

PROJECT NAME	
DONALD DAVIES 269 SW BOB WHITE GLEN, FT WHITE, FL 32038	
CUSTOMER NAME	
DONALD DAVIES CUNNINGHAM, TN 37052	
JOB NUMBER	SHEET TITLE
S2008565A	

ARCO BUILDING SYSTEMS
3300 HOLCOMB BRIDGE ROAD, SUITE 201
MORRISVILLE, NC 27556
PHONE:
(770) 447-1228
TOLL FREE:
(800) 241-8338
FAX:
(770) 882-9053

ITEM	QTY	UNIT	QTY	UNIT	DATE
ANCHOR BOLTS	MBS	DWM	ACB	DWT	1/23/2020
PERMITS	MBS	DWM	ACB	DWT	1/23/2020



BOLT TABLE

FRAME LINE	LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2		4	A325	1/2"	2'
		6	A325	1/2"	2'

FRAMING TABLE

FRAME LINE	MEMBER	LENGTH	DETAIL
1	OCOA1	242.000	TRIM 79
2	ISD02	122.000	TRIM 79
3	TRIM2	242.000	TRIM 223
4	TRIM2	242.000	TRIM 2
5	TRIM2	242.000	TRIM 2

MEMBER TABLE

FRAME LINE	MARK	PART	LENGTH
EC-1	W08S075	128.250	
EC-2	W08S075	142.938	
EC-3	W08S075	128.250	
ER-1	W08S075	128.250	
ER-2	W08S075	128.250	
ER-3	W08S075	128.250	
CB-1	082080	187.250	
CB-2	082080	187.250	
CB-3	082080	187.250	
CB-4	082080	187.250	
CB-5	082080	187.250	
CB-6	082080	187.250	
CB-7	082080	187.250	
CB-8	082080	187.250	
CB-9	082080	187.250	
CB-10	082080	187.250	
CB-11	082080	187.250	
CB-12	082080	187.250	
CB-13	082080	187.250	
CB-14	082080	187.250	
CB-15	082080	187.250	
CB-16	082080	187.250	
CB-17	082080	187.250	
CB-18	082080	187.250	
CB-19	082080	187.250	
CB-20	082080	187.250	
CB-21	082080	187.250	
CB-22	082080	187.250	
CB-23	082080	187.250	
CB-24	082080	187.250	
CB-25	082080	187.250	
CB-26	082080	187.250	
CB-27	082080	187.250	
CB-28	082080	187.250	
CB-29	082080	187.250	
CB-30	082080	187.250	
CB-31	082080	187.250	
CB-32	082080	187.250	
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CB-38	082080	187.250	
CB-39	082080	187.250	
CB-40	082080	187.250	
CB-41	082080	187.250	
CB-42	082080	187.250	
CB-43	082080	187.250	
CB-44	082080	187.250	
CB-45	082080	187.250	
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CB-94	082080	187.250	
CB-95	082080	187.250	
CB-96	082080	187.250	
CB-97	082080	187.250	
CB-98	082080	187.250	
CB-99	082080	187.250	
CB-100	082080	187.250	

FLANGE BRACE TABLE

FRAME LINE	MARK	PART	LENGTH
1	1	FBED1	

CONNECTION PLATES

FRAME LINE	MARK	PART	LENGTH
1	1	FBED1	

ENDWALL FRAMING PLAN

GENERAL NOTES

1. STD. ROD/CABLE SECS PER PART PRETTY ARE:
 RDB- = 5/8" ROD
 RDB- = 3/4" ROD
 RDB- = 1/2" ROD
 RDB- = 1/4" ROD
 RDB- = 1/8" ROD
 RDB- = 1/16" ROD
 RDB- = 1/32" ROD
 RDB- = 1/64" ROD
 RDB- = 1/128" ROD
 RDB- = 1/256" ROD
 RDB- = 1/512" ROD
 RDB- = 1/1024" ROD
 RDB- = 1/2048" ROD
 RDB- = 1/4096" ROD
 RDB- = 1/8192" ROD
 RDB- = 1/16384" ROD
 RDB- = 1/32768" ROD
 RDB- = 1/65536" ROD
 RDB- = 1/131072" ROD
 RDB- = 1/262144" ROD
 RDB- = 1/524288" ROD
 RDB- = 1/1048576" ROD
 RDB- = 1/2097152" ROD
 RDB- = 1/4194304" ROD
 RDB- = 1/8388608" ROD
 RDB- = 1/16777216" ROD
 RDB- = 1/33554432" ROD
 RDB- = 1/67108864" ROD
 RDB- = 1/134217728" ROD
 RDB- = 1/268435456" ROD
 RDB- = 1/536870912" ROD
 RDB- = 1/1073741824" ROD
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 RDB- = 1/8589934592" ROD
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 RDB- = 1/5708990770823839524233143877797977875113705472" ROD
 RDB- = 1/11417981541647679048466287755595955750227410944" ROD
 RDB- = 1/22835963083295358096932575511191911500454821888" ROD
 RDB- = 1/45671926166590716193865151022383823000909643776" ROD
 RDB- = 1/91343852333181432387730302044767646001819287552" ROD
 RDB- = 1/182687704666362864775460604089535292003638575104" ROD
 RDB- = 1/365375409332725729550921208179070584007277150208" ROD
 RDB- = 1/730750818665451459101842416358141168014554300416" ROD
 RDB- = 1/1461501637330902918203684832716282336029108

BOLT TABLE	QUANTITY	TYPE	DIAMETER	LENGTH
FRAME LINE 4				
ER-1/ER-1	6	A305	1/2"	2"
Columns/Ref				

TRIM TABLE	TRIM LINE 4	LENGTH	DETAIL
1	OCAG1	242.000	TRIM 1/8
2	OCAG1	122.000	TRIM 7/8
3	BS002	242.000	TRIM 223
4	RTA02	242.000	TRIM 2
5	IMPB01	26.440	

MEMBER TABLE	MEMBER LINE 4	MARK	PART	LENGTH
1	W08S075		142.838	
2	EC-2	W08S075	129.250	
3	EC-4	W08S075	129.250	
4	EC-5	W08S075	129.250	
5	ER-1	W08S075	178.458	
6	G-2	082060	182.250	
7	G-3	082060	187.250	
8	CB-1	ROB-8	215.000	
9	CB-2	ROB-8	207.000	

FRANCE BRACE TABLE	FRANCE LINE 4	V ID SIDES	MARK	CLIP
1		1		

CONNECTION PLATES	FRAME LINE 4	WELD MARK/PART
1		