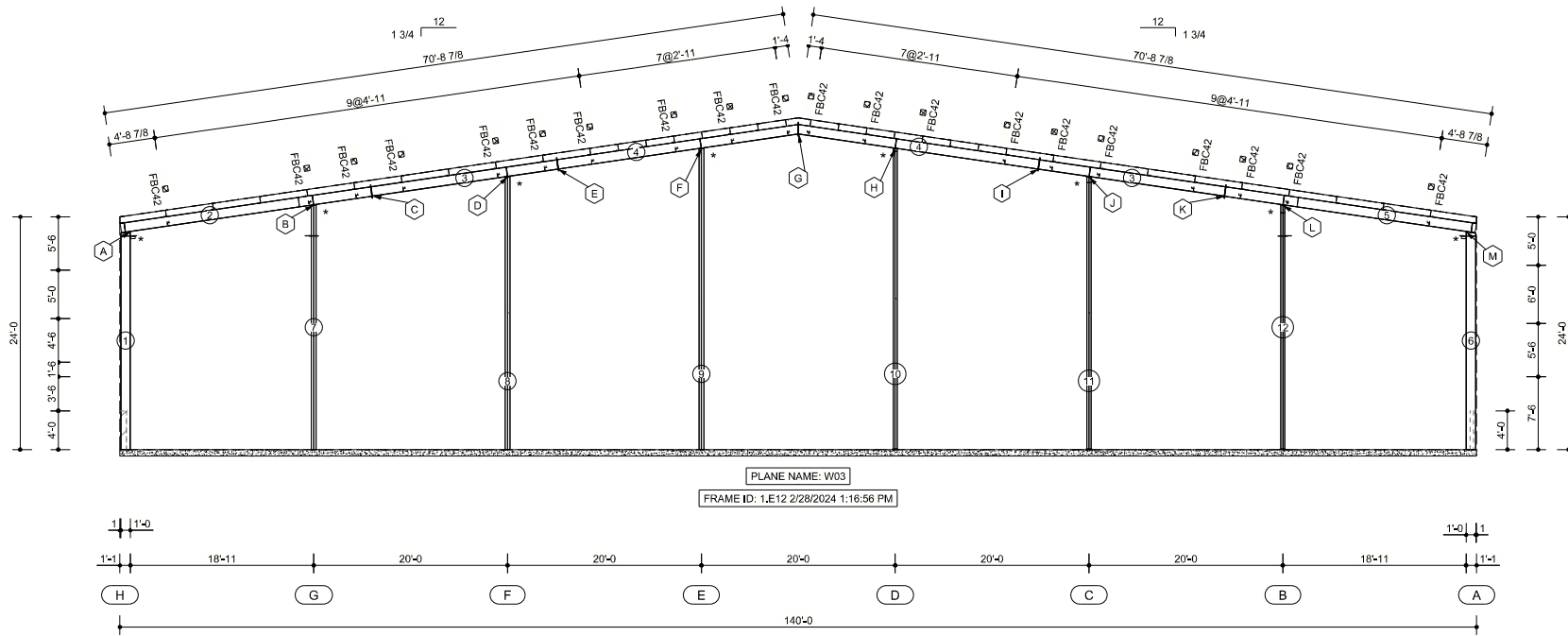


MEMBER SIZE TABLE													
ASSEMBLY NAME	OUTSIDE FLANGE	WEB THICK	WEB LENGTH	STARTING WEB DEPTH	ENDING WEB DEPTH	INSIDE FLANGE	ASSEMBLY NAME	OUTSIDE FLANGE	WEB THICK	WEB LENGTH	STARTING WEB DEPTH	ENDING WEB DEPTH	INSIDE FLANGE
1	8,00 X 0,25	0,150	268,89	11,50	11,50	8,00 X 0,25	9	6,00 X 0,25	0,150	168,17	11,50	11,50	6,00 X 0,25
2	5,00 X 0,25	0,150	90,53	11,50	11,50	5,00 X 0,25		10	5,00 X 0,25	0,150	186,38	11,50	
3	5,00 X 0,25	0,150	222,81	11,50	11,50	5,00 X 0,25	11	5,00 X 0,25	0,150	185,67	11,50	11,50	5,00 X 0,25
4	5,00 X 0,25	0,150	301,28	11,50	11,50	5,00 X 0,25		12	5,00 X 0,25	0,150	186,38	11,50	
5	5,00 X 0,25	0,150	222,81	11,50	11,50	5,00 X 0,25	12	5,00 X 0,25	0,150	188,88	11,50	11,50	5,00 X 0,25
6	8,00 X 0,25	0,150	90,53	11,50	11,50	8,00 X 0,25		13	5,00 X 0,25	0,150	167,92	11,50	
7	6,00 X 0,25	0,150	268,89	11,50	11,50	6,00 X 0,25	14	5,00 X 0,25	0,150	301,79	11,50	11,50	5,00 X 0,25
8	6,00 X 0,25	0,150	302,05	11,50	11,50	6,00 X 0,25		15	5,00 X 0,25	0,150	168,88	11,50	
NOTE: UNITS ARE DECIMAL INCH.													

SPLICE BOLT TABLE											
SPLICE	BOLTS DESCRIPTION	BOLT #	NUT #	CLEAR TO F.F.	PLATE SIZE	PLATE SIZE					
A	(4) 1/2" X 2" A325	H0603	H0300	22-3 9/16	8" X 3/8	N/A					
B	(4) 1/2" X 2" A325	H0603	H0300	25-1 13/16	8" X 3/8	N/A					
C	(8) 3/4" X 3" A325	H0633	H0320	25-10 13/16	6" X 3/8	6" X 3/8					
D	(4) 1/2" X 2" A325	H0603	H0300	28-0 13/16	8" X 3/8	N/A					
E	(8) 3/4" X 3" A325	H0633	H0320	28-8 7/16	6" X 3/8	6" X 3/8					
F	(4) 1/2" X 2" A325	H0603	H0300	30-11 13/16	8" X 3/8	N/A					
G	(8) 3/4" X 3" A325	H0633	H0320	32-3 9/16	6" X 3/8	6" X 3/8					
H	(4) 1/2" X 2" A325	H0603	H0300	30-11 11/16	8" X 1/2	N/A					
I	(8) 3/4" X 3" A325	H0633	H0320	28-8 7/16	6" X 3/8	6" X 3/8					
J	(4) 1/2" X 2" A325	H0603	H0300	28-0 11/16	8" X 1/2	N/A					
K	(8) 3/4" X 3" A325	H0633	H0320	25-10 13/16	6" X 3/8	6" X 3/8					
L	(4) 1/2" X 2" A325	H0603	H0300	25-1 11/16	8" X 1/2	N/A					
M	(4) 1/2" X 2" A325	H0603	H0300	22-3 9/16	8" X 3/8	N/A					

NOTE: UNITS ARE DECIMAL INCH.



ENDWALL CROSS SECTION AT LINE 13 E12

FRAME CROSS SECTION GENERAL NOTES

FN1: FOR COLUMN AND RAFTER MARK NUMBERS, SEE SHAKEOUT PLAN.
FN2: (2) INDICATES THAT FLANGE BRACING IS REQUIRED ON BOTH SIDES OF THE FRAME.
FN3: IF (2) IS NOT INDICATED, ONLY ONE FLANGE BRACE IS REQUIRED AND CAN BE LOCATED ON EITHER SIDE OF THE FRAME.

FN4: FOR EXPANDABLE ENDWALL RIGID FRAMES, IF FLANGE BRACING IS REQUIRED ON BOTH SIDES (2) OF AN EXPANDABLE END FRAME, THE OPPOSITE SIDE FLANGE BRACE WILL HAVE TO BE INSTALLED AT THE TIME OF EXPANSION, THESE FLANGE BRACES HAVE BEEN PROVIDED, AS REQUIRED, FOR THIS FUTURE CONDITION.

FN5: "" INDICATES THE LONG SIDE OF THE INTERIOR COLUMNS, COLUMNS AT THE RIDGE ARE TYPICALLY "FLAT-TOP" COLUMNS, UNLESS INDICATED BY THE "" SYMBOL.

FN6: RIGID FRAMES SHALL HAVE 50% OF THEIR BOLTS INSTALLED AND TIGHTENED ON EACH SIDE OF THE WEB ADJACENT TO EACH FLANGE BEFORE THE HOISTING EQUIPMENT IS RELEASED.

FN7: "■" INDICATES FBN1 AND FBN1 CLIPS ARE REQUIRED. REFERENCE FLANGE BRACE DETAILS.

FN8: THE METAL TAG IS WELDED TO THE LONG SIDE OF PIPE & TUBE COLUMNS.

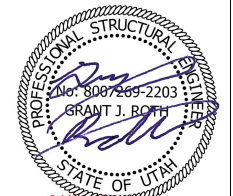
FN9: "W" WITHIN THE SPLICE BOLT TABLE UNDER NUT AND WASHER INDICATES THAT THE NUT AND WASHER ARE PART OF THE TENSION CONTROL BOLT ASSEMBLY SUPPLIED.

GN1: REQUIRED DETAILS ARE NOT ALWAYS CALLED OUT ON THE PLANE ELEVATION. ALL DETAILS AND INFO ON THE D & SD PAGES SHOULD BE REVIEWED PRIOR TO INSTALLATION.



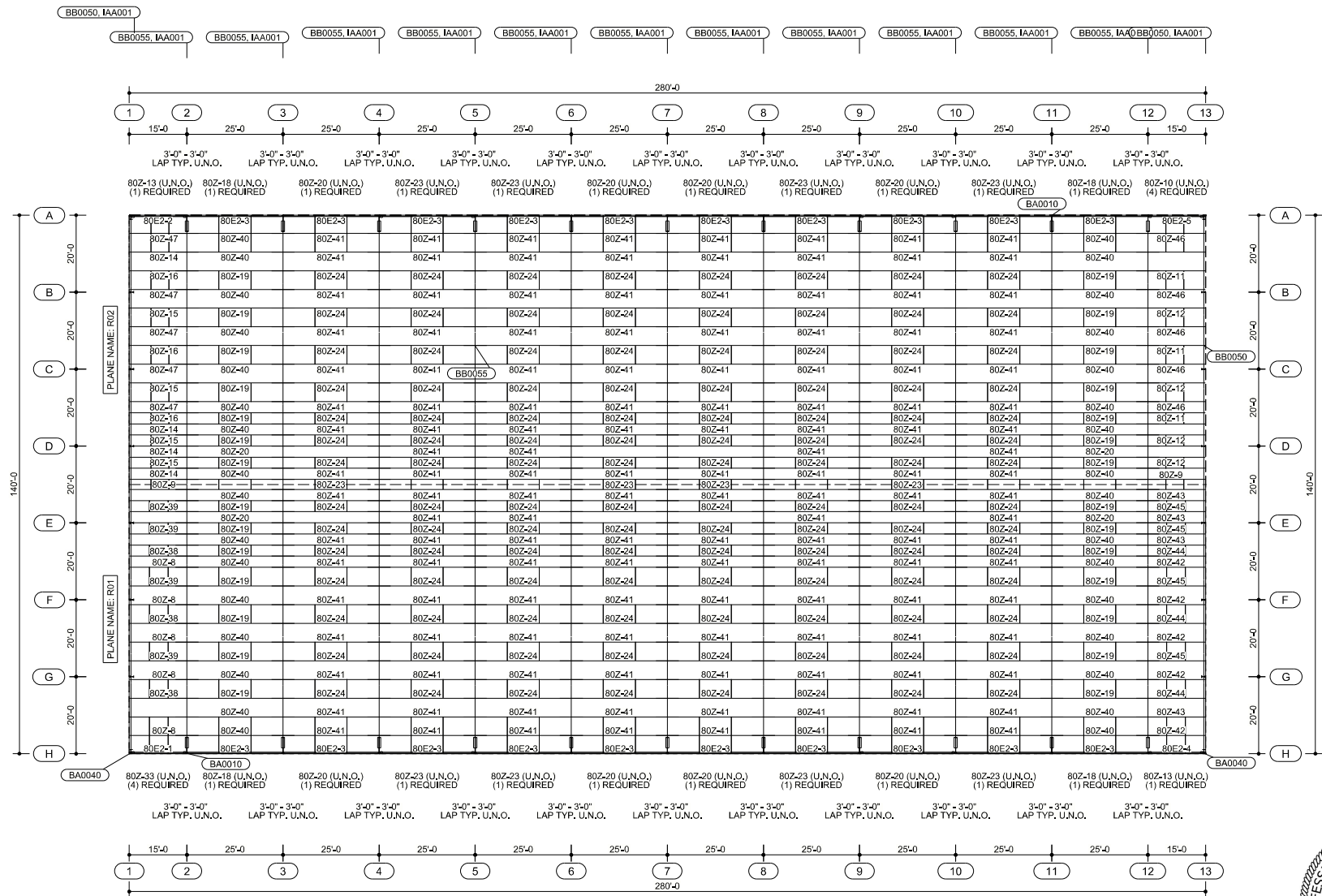
JOB NUMBER: **U23G1159A**
 ADDRESS: **DAVIS COUNTY LAYTON, UT 84041**
 PROJECT NAME: **Ovation Homes Extended 280**
 BUYER NAME: **ROCKY MOUNTAIN STRUCTURES**
 DATE: **04/02/2024**
 SHEET: **3**
 DRAWING TITLE: **ENDWALL CROSS SECTION AT LINE 13 E12**

RELEASE / REVISION **DWN / CHK** **ENG** **DATE**
 1 **FOR PERMITS** **MRS /** **G.R.** **04/02/2024**
 2 **FOR PERMITS** **MRS /** **G.R.** **04/02/2024**
 3 **FOR CONSTRUCTION** **MRS / ROB** **G.R.** **04/16/2024**



04/16/2024

Part Sizes	Mark	Profile
80E2-1	80E2060	
80E2-2	80E2060	
80E2-3	80E2060	
80E2-4	80E2060	
80E2-5	80E2060	
80Z-8	80Z067	
80Z-9	80Z067	
80Z-10	80Z067	
80Z-11	80Z067	
80Z-12	80Z067	
80Z-13	80Z067	
80Z-14	80Z067	
80Z-15	80Z067	
80Z-16	80Z067	
80Z-18	80Z076	
80Z-19	80Z076	
80Z-20	80Z089	
80Z-23	80Z067	
80Z-24	80Z067	
80Z-33	80Z067	
80Z-38	80Z067	
80Z-39	80Z067	
80Z-40	80Z076	
80Z-41	80Z067	
80Z-42	80Z067	
80Z-43	80Z067	
80Z-44	80Z067	
80Z-45	80Z067	
80Z-46	80Z067	
80Z-47	80Z067	



ROOF FRAMING PLAN

ROOF SECONDARY GENERAL NOTES

RN1: PURLIN AND EAVE STRUT BOLT CONN. REQUIREMENTS: A307 & A325 BOLTS ARE USED REFER TO DETAILS FOR SPECIFIC LOCATIONS.
RN2: SEE CROSS SECTIONS FOR MAIN FRAME PLANGE BRACING.

RN3: ▼ INDICATES NESTED PURLIN, SEE DETAIL BM.
GN1: REQUIRED DETAILS ARE NOT ALWAYS CALLED OUT ON THE PLANE/ELEVATION. ALL DETAILS AND INFO ON THE D & SD PAGES SHOULD BE REVIEWED PRIOR TO INSTALLATION.

ADDRESS: DAVIS COUNTY LAYTON, UT 84041

PROJECT NAME: OVATION HOMES EXTENDED 280

BUYER NAME: ROCKY MOUNTAIN STRUCTURES

DATE: 04/02/2024

FOR PERMITS: MRS. / ROOF

FOR CONSTRUCTION: MRS. / ROOF

JOB NUMBER: U23G1159A

PROJECT NAME: OVATION HOMES EXTENDED 280

BUYER NAME: ROCKY MOUNTAIN STRUCTURES

DATE: 04/02/2024

FOR PERMITS: MRS. / ROOF

FOR CONSTRUCTION: MRS. / ROOF

RELEASE / REVISION DWN / CHK ENG DATE

1 FOR PERMITS MRS. / ROOF 04/02/2024

2 FOR PERMITS MRS. / ROOF 04/02/2024

3 FOR CONSTRUCTION MRS. / ROOF 04/02/2024

PROFESSIONAL STRUCTURAL ENGINEER

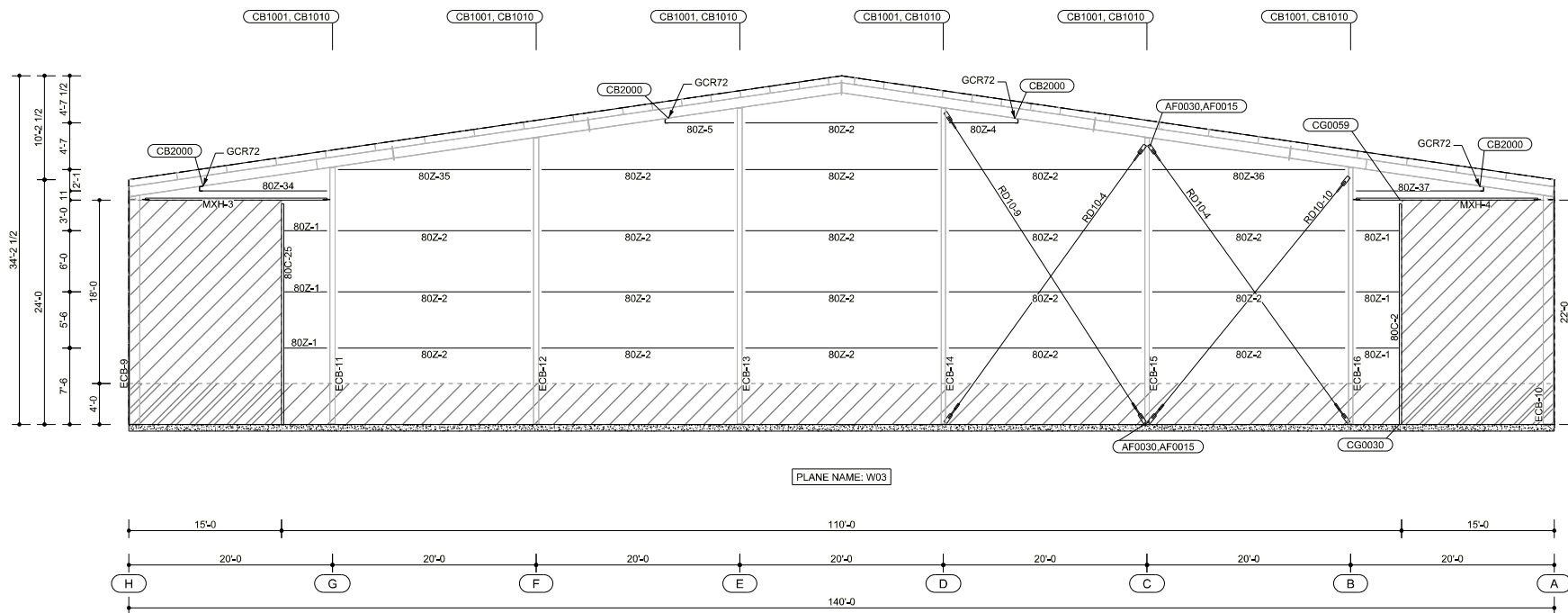
No. 8087269-2203

GRANT J. BORTH

STATE OF UTAH

04/18/2024









RD=ROD BRACING CA=CABLE BRACING	
CODE	DIAMETER
02	1/4"
03	3/8"
04	1/2"
05	5/8"
06	3/4"
07	7/8"
08	1"
09	1 1/8"
10	1 1/4"



WALL FRAMING GENERAL NOTES

WN4: CA INDICATES CABLE BRACING, SEE PRIMARY DETAILS FOR CABLE BRACING ASSEMBLY.
WN5: CUT AND DRILL GIRTS AS NECESSARY FOR FIELD LOCATED FRAMED OPENINGS.
WN6: AT FLUSH OR INSET GIRT CONDITIONS, FIELD SLOT GIRT WEBS TO ALLOW PASSAGE OF ROD BRACING, SEE PRIMARY DETAILS FOR GUIDELINES.

WN7: DETAIL NUMBERS LISTED ABOVE EACH LINE ARE TYP AT THAT FRAME LINE U,N,O.
WN8: ▼ INDICATES NESTED GIRT. SEE DETAIL CM____.
GN1: REQUIRED DETAILS ARE NOT ALWAYS CALLED OUT ON THE PLAN/ELEVATION.
ALL DETAILS AND INFO ON THE D & SD PAGES SHOULD BE REVIEWED PRIOR TO INSTALLATION.

	JOB NUMBER	ADDRESS				
	U23G1159A	DAVIS COUNTY LAYTON, UT 84041				
	PROJECT NAME	OVALATION HOMES EXTENDED 280				
	BUYER NAME	ROCKY MOUNTAIN STRUCTURES				
	#	RELEASE / REVISION	DWN / CHK	ENG	DATE	
	1	FOR PERMITS	MRS	G/R	04/08/2024	
	2	FOR CONSTRUCTION	MRS	G/R	04/16/2024	
	3	FOR CONSTRUCTION	MRS	POR	04/16/2024	
DOWNGRADING TITLE PERMANENT ERAWING F I AT NF 13						04/17/2024 04:33:35pm

RD=ROD BRACING CA=CABLE BRACING	
CODE	DIAMETER
02	1/4"
03	3/8"
04	1/2"
05	5/8"
06	3/4"
07	7/8"
08	1"
09	1 1/8"
10	1 1/4"

Part Sizes			
Mark	Profile	Mark	Profile
80C-3	80C060	80C-22	80C075
80C-4	80C067	80C-24	80C067
80C-5	80C060	80C-27	80C060
80C-8	80C067	80C-28	80C075
80C-9	80C060	80C-29	80C060
80C-10	80C075	80Z-7	80Z060
80C-13	80C067	80Z-17	80Z060
80C-14	80C075	80Z-27	80Z060
80C-15	80C060		
80C-16	80C060		

FRAMED OPENING TABLE									
MARK	WIDTH	HEIGHT	HEADER	DRUM SUPPORT	LEFT JAMB	RIGHT JAMB	SILL	SILL HEIGHT	FIELD LOCATED
1	15'-0"	22'-0"	FHH-4 (C8X18.75)						N
2	5'-0"	5'-0"			80C-6 (80C060)	80C-7 (80C060)	HW8-1 (HW8)	4'-0"	Y
3	5'-0"	5'-0"			80C-11 (80C060)	80C-12 (80C060)		13'-6"	Y
4	18'-0"	22'-0"	FHH-2 (C8X18.75)		80C-17 (80C089)	80C-19 (80C089)			N
5	5'-0"	5'-0"			80C-21 (80C060)	80C-23 (80C060)	HW8-1 (HW8)	4'-0"	Y
6	5'-0"	5'-0"			80C-26 (80C060)	80C-28 (80C060)		13'-6"	Y
7	15'-0"	22'-0"	FHH-5 (C8X18.75)						N

