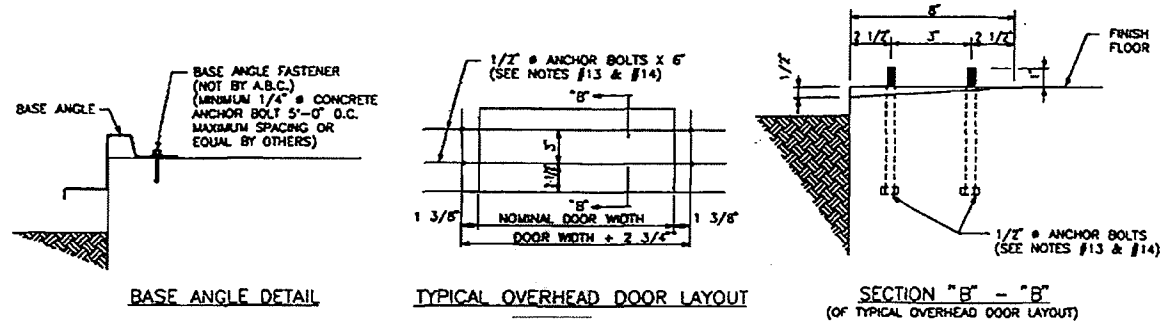


**GENERAL FOUNDATION NOTES AND CONCRETE DETAILS**

- AMERICAN BUILDINGS COMPANY ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FOUNDATION, FLOOR OR SLAB DESIGN OR CONSTRUCTION.
- THE FOUNDATION DESIGN SHOULD BE DONE WITH DUE REGARD TO THE SPECIFIC SOIL CONDITIONS PRESENT AT THE ACTUAL JOBSITE.
- FOUNDATION MUST BE DESIGNED FOR THE APPLICABLE REACTIONS AS THEY APPLY TO A PARTICULAR BUILDING AND MUST BE ADEQUATE TO RESIST ALL OF THE CRITICAL COMBINATIONS FOR EACH OF THE VARIOUS LOADING CONDITIONS. THESE REACTIONS REPRESENT THE MINIMUM DESIGN LOADS TO BE RESISTED BY THE FOUNDATIONS.
- REINFORCING BARS, WIRE MESH, ANCHOR BOLT SHEAR ANGLES, THE ROOS AND / OR HAIRPINS (HOOK BARS) SHOULD BE INCORPORATED AS REQUIRED INTO THE FOUNDATION DESIGN. THE HORIZONTAL THRUST AT THE COLUMN BASE ACTING IN CONJUNCTION WITH APPLICABLE VERTICAL REACTIONS, MUST BE SUSTAINED BY HAIRPINS, THE ROOS, BUTTRESSES, OR OTHER DEPENDABLE MEANS.
- COLUMN FOOTING SHOULD EXTEND A MINIMUM OF 12 INCHES INTO NATURAL SOIL, OR WHERE FILL IS USED, THE FILL MUST BE PROPERLY COMPACTED OR THE FOOTING SHALL EXTEND TO THE NATURAL GRADE. IN ALL CASES THE FOOTING SHALL EXTEND AT LEAST 6 INCHES BELOW THE LOCAL FROST LINE.
- EXPANSION OR CONSTRUCTION JOINTS SHALL BE LOCATED AS REQUIRED IN FOUNDATION WALLS AND SLAB.
- THE TOP OF THE FOUNDATION OR FLOOR SHALL BE SQUARE, LEVEL AND SMOOTH. ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLERANCE  $\pm 1/16$  INCH ON DIMENSIONS WITHIN THE GROUP SPACING FOR AN INDIVIDUAL COLUMN. ALL OTHER DIMENSIONS SHALL HAVE A  $\pm 1/8$  INCH TOLERANCE.
- COLUMN BASE PLATES ARE DESIGNED NOT TO EXCEED THE ALLOWABLE BEARING STRESS OF CONCRETE THAT HAS A MINIMUM COMPRESSIVE STRENGTH OF 2500 P.S.I. AT 28 DAYS.
- UNLESS EXPLICITLY NOTED OTHERWISE, ALL EMBEDDED STRUCTURAL STEEL (INCLUDING ANCHOR BOLTS), OTHER MATERIALS, AND LABOR SHALL BE SUPPLIED BY THE FOUNDATION CONTRACTOR.
- ANCHOR BOLTS SHOULD BE AS SHOWN AND CALLED FOR, INCLUDING PROJECTION FROM CONCRETE, DIAMETER AND QUANTITY.
- THE EMBEDMENT OF THE ANCHOR BOLTS IN THE CONCRETE IS THE RESPONSIBILITY OF THE FOUNDATION DESIGNER. THE FRAME REACTIONS ARE CONSIDERED THE MINIMUM LOADS TO BE DEVELOPED.
- ALL ANCHOR BOLTS SHALL BE ASTM A307 OR EQUAL IN ORDER TO CONFORM TO A.B.C. DESIGN ASSUMPTIONS BASED ON THE ALLOWABLE STRESSES GIVEN IN THE AISC MANUAL OF STEEL CONSTRUCTION.
- ALL ANCHOR BOLTS SHALL HAVE A 3 INCH PROJECTION (UNLESS NOTED) ABOVE THE CONCRETE BEARING SURFACE, EXCEPT 1/2 INCH DIAMETER BOLTS LOCATED AT DOORS WHICH SHALL HAVE A PROJECTION OF 1 INCH. ALL BOLTS SHALL HAVE A MINIMUM THREAD LENGTH 1/4 INCH LESS THAN THE PROJECTION. PROJECTING THREADS SHOULD BE GREASED OR OTHERWISE PROTECTED PRIOR TO COLUMN ERECTION.
- ANCHOR BOLTS FOR FRAMED OPENINGS SHALL BE 1/2 INCH DIAMETER UNLESS OTHERWISE NOTED. ANCHOR BOLT DIAMETERS FOR THE PRIMARY FRAMING AND ENDWALL FRAMING ARE DEMOTED AT RESPECTIVE BASE PLATE DETAILS OR ON THE BOLT PLACEMENT PLAN.



**BASIC MATERIAL SPECIFICATIONS**

**PRIMARY FRAMING STEEL**

STEEL FOR HOT-ROLLED STRUCTURAL SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION ASTM A36 OR ASTM A572 - GRADE 50. STEEL FOR BUILT-UP SECTIONS SHALL CONFORM TO ONE OR MORE OF THE FOLLOWING:  
 FLANGE AND WEB MATERIAL SHALL MEET AS APPLICABLE THE PHYSICAL AND CHEMICAL REQUIREMENTS OF ASTM A572 GRADE 50 WITH A MINIMUM YIELD OF 55 KSI, ASTM A607 GRADE 55, OR ASTM A570 GRADE 55.  
 STEEL FOR ALL ENDWALL "C" SECTIONS SHALL MEET THE PHYSICAL AND CHEMICAL PROPERTIES OF ASTM A570, GRADE 55.  
 STEEL FOR TUBE SECTIONS SHALL CONFORM TO ASTM A500 - GRADE B.  
 STEEL FOR PIPE SECTIONS SHALL CONFORM TO ASTM A53 - GRADE B.

**SECONDARY FRAMING STEEL**

STEEL USED TO FORM PURLINS, GIRTS, EAVE STRUTS AND "C" SECTIONS SHALL MEET THE PHYSICAL AND CHEMICAL PROPERTIES OF ASTM A570, GRADE 55.

STEEL USED TO FORM ZINC-COATED (GALVANIZED) PURLINS AND GIRTS SHALL MEET THE PHYSICAL AND CHEMICAL PROPERTIES OF ASTM A653 GRADE D AND G 90 COATING DESIGNATION AS DESCRIBED IN ASTM A525.

**ROOF AND WALL PANEL MATERIAL**

EXTERIOR PANELS SHALL CONFORM TO ONE OF THE FOLLOWING:

- PANEL MATERIAL AS SPECIFIED SHALL BE 26 GAUGE ZINC-COATED (GALVANIZED) STEEL, COATING DESIGNATION G 90, CONFORMING TO THE REQUIREMENTS OF ASTM A553 GRADE E. MINIMUM YIELD STRESS SHALL BE 80 KSI.
- PANEL MATERIAL AS SPECIFIED SHALL BE 24 GAUGE ZINC-COATED (GALVANIZED) STEEL, COATING DESIGNATION G 90, CONFORMING TO THE REQUIREMENTS OF ASTM A553 GRADE D. MINIMUM YIELD STRESS SHALL BE 50 KSI.
- PANEL MATERIAL AS SPECIFIED SHALL BE 26 GAUGE ALUMINUM ZINC ALLOY-COATED STEEL, COATING DESIGNATION AZ 55, CONFORMING TO THE REQUIREMENTS OF ASTM A792. MINIMUM YIELD STRESS SHALL BE 80 KSI.
- PANEL MATERIAL AS SPECIFIED SHALL BE 24 GAUGE ALUMINUM-ZINC ALLOY-COATED STEEL, COATING DESIGNATION AZ 55, CONFORMING TO THE REQUIREMENTS OF ASTM A792. MINIMUM YIELD STRESS SHALL BE 50 KSI.

**BRACE MATERIALS:**

BRACE CABLES: ASTM-A475, 7-STRAND EHS WIRE CABLE BC4 = 1/4" DIA. BC5 = 5/16" DIA.  
 BC6 = 3/8" DIA. BC8 = 1/2" DIA.

**CERTIFICATION AND SCHEDULE OF DRAWINGS**

THIS IS TO CERTIFY THAT THE METAL BUILDING COMPONENTS AND BUILDING SYSTEM FURNISHED BY A.B.C. ARE DESIGNED TO COMPLY WITH THE FOLLOWING CRITERIA:

**DESIGN LOADS ARE:**

- METAL BUILDING DEAD LOAD (D)
- 5.0 psf COLLATERAL LOAD (C)
- 20.0 psf ROOF LIVE LOAD (L)
- 20.0 psf FRAME LIVE LOAD (L)
- 20.0 psf GROUND SNOW LOAD (Pg)
- 14.0 psf ROOF SNOW LOAD (S)  
 SNOW EXPOSURE FACTOR = 0.70  
 SNOW IMPORTANCE FACTOR = 1.00
- 70.0 mph WIND VELOCITY (W)  
 WIND EXPOSURE CATEGORY = C  
 WIND IMPORTANCE FACTOR = 1.00
- SEISMIC LOAD DATA (E)  
 VELOCITY-RELATED ACCELERATION COEFFICIENT = 0.06  
 PEAK ACCELERATION COEFFICIENT = 0.05

**DESIGN LOAD COMBINATIONS ARE:**

- 1.0 + C + L
- 2.0 + C + S
- 3.0 + W
- 4.0 + C + 3/4L + 3/4W
- 5.0 + C + 3/4S + 3/4W

- NOTES: 1. ROOF DESIGN IS BASED ON THE LARGER ROOF LIVE LOAD OR ROOF SNOW LOAD.  
 2. ALL FIELD WELDING IS TO BE PERFORMED BY AN AWS CERTIFIED WELDER USING E70XX ELECTRODES.

THESE DESIGN LOADS AND COMBINATIONS ARE APPLIED IN ACCORDANCE WITH THE FOLLOWING BUILDING CODE.

1996 BOCA National Building Code

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY AMERICAN BUILDINGS COMPANY. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSLUCENT PANELS AND VENTILATORS ARE NOT INCLUDED. ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY AMERICAN BUILDINGS COMPANY SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHALL BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE AMERICAN BUILDINGS COMPANY "GENERAL ERECTION GUIDE". THE MBMA MANUAL, LATEST EDITION, AND THE JOB ERECTION DRAWINGS. THE DRAWINGS LISTED ON THIS SHEET SHALL REMAIN WITH AND BECOME PART OF THIS CERTIFICATION.

**PRODUCT APPROVALS AND CERTIFICATIONS:**

- STANDARD BUILDING CODE - SBCCI #94100, 12 BASIC STYLES.
- UNIFORM BUILDING CODE (UBC) - # FA-283-CARSON CITY, NEVADA PLANT.
- INDIANA - 12 BASIC STYLES AS BELOW.
  - a. M-190860 - SSF
  - b. M-190857 - LRF, RF, LRF-M
  - c. M-190858 - LSS, LSS-M
  - d. M-190863 - LT
  - e. M-190862 GC, LP2, LP4, LP2-M, LP4-M
- WISCONSIN - # 960032-M; 13 BASIC STYLES.
- CITY OF CLEVELAND, OHIO DOCKETS S-52-82.
- CANADIAN WELDING BUREAU DIVISION I CERTIFICATION AT EL PASO & CARSON CITY.
- ASC QUALITY CERTIFICATION, CATEGORY MB.
- PLANT CERTIFICATION AT CARSON CITY FOR CITY OF SEATTLE.
- PLANT CERTIFICATION AT CARSON CITY FOR OGDEN, UTAH.
- CITY OF LOS ANGELES FABRICATORS LICENSE #1390 AT CARSON CITY PLANT.
- CITY OF HOUSTON, TEXAS FABRICATOR APPROVAL #478.
- STANDING SEAM 360 WIND UPLIFT-CLASS 90 (UL 90) CONSTRUCTION NO. 93 AS LISTED IN UNDERWRITERS LABORATORIES ROOFING MATERIALS AND SYSTEM DIRECTORY.
- STANDING SEAM II WIND UPLIFT-CLASS 90 (UL 90) CONSTRUCTION NO. 93 AS LISTED IN UNDERWRITERS LABORATORIES ROOFING MATERIALS AND SYSTEM DIRECTORY.
- LOC-SEAM WIND UPLIFT-CLASS 90 (UL 90) CONSTRUCTION NOS. 93 AS LISTED IN UNDERWRITERS LABORATORIES ROOFING MATERIALS AND SYSTEM DIRECTORY.
- LONGSPAN PANEL WIND UPLIFT-CLASS 90 (UL 90) CONSTRUCTION NO. 93 AS LISTED IN UNDERWRITERS LABORATORIES ROOFING MATERIALS AND SYSTEM DIRECTORY.
- 22 GA. STANDING SEAM 360 HAS MET FACTORY MUTUAL CLASS I-60, I-90 AND I-120.
- 24 GA. STANDING SEAM 360 HAS MET FACTORY MUTUAL CLASS I-60.
- 24 GA. LONGSPAN HAS MET FACTORY MUTUAL CLASS I-120.
- 24 GA. LOC-SEAM MODIFIED WITH JU-VHB TAPE #4950 OR 3/16" BOLTS MEETS CORPS OF ENGINEERS GUIDE SPECIFICATION 07416.
- 24 GA. STANDING SEAM 360 MEETS CORPS OF ENGINEERS GUIDE SPECIFICATION 07416.
- 24 GA. STANDING SEAM 360 HAS BEEN TESTED IN ACCORDANCE WITH ASTM E-1592.
- DADE COUNTY FLORIDA ACCEPTANCE NO. 96-0319.03 - 24 GA. STRUCTURAL STEEL 1 3/16" X 36" ARCHITECTURAL W WALL PANEL.
- DADE COUNTY FLORIDA ACCEPTANCE NO. 96-0319.04 - 24 GA. STRUCTURAL STEEL 1 3/16" X 36" LONGSPAN WALL PANEL.
- DADE COUNTY FLORIDA ACCEPTANCE NO. 96-0319.05 - 24 GA. STRUCTURAL STEEL 1 3/16" X 36" LONGSPAN ROOF PANEL.

SHEET NUMBER	DATE	REV. NO.	SHEET NUMBER	DATE	REV. NO.
ABC-1	10/15/98	2			
ABC-2	09/14/98	0			
AB-1	09/14/98	0			
AB-2	09/14/98	0			
E-01	10/15/98	1			
E-02	10/15/98	1			
E-03	10/15/98	1			
E-04	10/15/98	1			
E-05	10/15/98	1			
E-06	10/15/98	1			
E-07	10/15/98	1			

**STANDARD ERECTION SHEETS**

ASW-1.0	DWF-2.0	LOC-3.1	LSR-7.0	SPW-2.1	SSG-3.0	WAO-2.2
ASW-2.0	DWF-3.0	LOC-4.0	LSR-8.0	SPW-3.1	SSG-4.0	WAO-3.0
ASW-3.0	DWR-1.1	LOC-4T.0	LSR-9.0	SPW-4.0	SSG-5.0	WAW-1.1
BD-1.0	ECD-1.0	LOC-5.1	LSR-10.0	SRO-1.0	SSG-6T.0	WAW-2.1
BD-1.0	EOH-1.0	LOC-6T.0	LSR-11.0	SRO-2.0	SSG-7.0	WAW-3.0
BD-2.0	GTD-1.0	LOC-7.0	LSW-1.0	SS2-1.0	SSG-8.0	WAW-4.0
BD-3.0	LBD-1.1	LOC-8.0	LSW-2.0	SS2-2.0	SSG-9.0	WAW-5.0
CHD-1.0	LBD-2.0	LOC-9.0	LSW-3.0	SS2-2T.0	SSG-10.0	WAW-6.0
CSD-1.0	LFD-1.0	LOC-10.0	MDW-1.0	SS2-3.0	SSG-11.0	
DEF-1.1	LFD-2.1	LOC-11.0	MDW-2.0	SS2-4.1	SSG-12.0	WAD-1.0
DLT-1.0	LFD-3.0	LOC-12.0	MSW-1.0	SS3-1.0	SSG-13.0	WAD-2.0
DWF-1.0	LFD-4.0	LOC-13.0	PPD-1.0	SS3-2.0	SSG-14.0	WAD-3.0
DND-1.1	LFD-5.0	LSR-1.0	RFD-1.0	SS3-2T.0	SSG-15.0	WAD-4.0
DRB-1.1	LO2-1.0	LSR-2.0	SDB-1.0	SS3-3.0	SSG-16.0	WAD-5.0
DRB-2.0	LO3-4.0	LSR-3.0	SED-1.0	SS3-4.0	SSG-17.0	WAK-1.0
DRF-1.0	LOC-1.1	LSR-4.0	SFL-1.0	SSG-1.0	SSG-18.0	WAL-1.1
DRF-2.0	LOC-2.0	LSR-5.0	SPH-1.0	SSG-2.0	SSG-19.0	WAL-2.0
DWF-1.0	LOC-2T.0	LSR-6.0	SPW-1.1	SSG-3.0	SSG-20.0	WAO-1.2

THE CERTIFYING ENGINEER HEREWITH IS NOT THE ENGINEER OF RECORD FOR THE OVERALL PROJECT AND IS ONLY CERTIFYING THAT THE DESIGN OF THE METAL BUILDING COMPONENTS FURNISHED BY AMERICAN BUILDINGS COMPANY SATISFY THE DESIGN REQUIREMENTS SPECIFIED ABOVE AND ON THE A.B.C. CONTRACT. THIS CERTIFICATION EXCLUDES THE ERECTION OF THE STRUCTURE.

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	BILLY SAPP R.R. COLUMBIA, MO LITTLE DIXIE CONST.	EL PASO ILLINOIS AMERICAN BUILDINGS	DRAWING NUMBER: 61395501 ABC-1	REV. NO. 2
							1	REVISED DRAWING LIST FOR PERMITS	KL	DES	10/15/98	RLL	10/15/98	FOR CONSTRUCTION FOR APPROVAL FOR PERMIT ONLY PRELIMINARY NOT FOR CONSTRUCTION			09/14/98				

**ROOF PANELS**

TYPE: S2 GAGE: 24 COLOR: ALCT  
 PAINT WARRANTY: NO WATER TIGHT WARRANTY: NO  
 UL 90 CERTIFICATION: YES

**WALL PANELS**

TYPE: LP GAGE: 24 COLOR: REWHPELL BASE: BA-20  
 PAINT WARRANTY: NO

**EAVE TREATMENT**

STANDARD GUTTER W/ DOWNSPOUTS 25.0 FT O.C. (MAX)  
 FLANGE BACK GUTTER W/ DOWNSPOUTS \_\_\_\_\_ FT O.C. (MAX)  
 SIMPLE EAVE TRIM  
 DELUXE EAVE TRIM  
 ICE AND SNOW TREATMENT NO: \_\_\_\_\_

**TRIM COLORS**

RAKE TRIM: BRSLP70 GUTTER / EAVE: BRSLP70  
 DOWNSPOUTS: REWHPELL FRAMED OPENINGS: REWHPELL  
 CORNER: REWHPELL BASE TRIM: BRS  
 MISCELLANEOUS: \_\_\_\_\_

**PRIMER COLOR**

RED OXIDE:  GREY: \_\_\_\_\_ SPECIAL: \_\_\_\_\_

**ROOF FASTENERS**

STANDING SEAM II  
 A. #14 X 1 SELF DRILL HEX HEAD  
 B. #14 X 1 SELF DRILL HEX HEAD W/ WASHER

STANDING SEAM III  
 A. #14 X 1 SELF DRILL HEX HEAD  
 B. #14 X 1 SELF DRILL HEX HEAD W/ WASHER

LONGSPAN  
 A. #12 X 1 1/4 SELF DRILL HEX HEAD W/ WASHER  
 B. #14 X 7/8 SELF DRILL HEX HEAD W/ WASHER

LOC SEAM  
 A. #14 X 1 SELF DRILL HEX HEAD W/ WASHER  
 B. #14 X 1 SELF DRILL HEX HEAD W/ WASHER

**WALL FASTENERS**

LONGSPAN OR ARCHITECTURAL  
 A. #12 X 1 1/4 SELF DRILL HEX HEAD W/ CLEAR WASHER  
 B. #14 X 7/8 SELF DRILL HEX HEAD W/ CLEAR WASHER

SHADOW PANEL  
 A. #12 X 1 SELF DRILL HEX HEAD W/ NUT BLANK  
 B. #14 X 7/8 SELF DRILL HEX HEAD W/ CLEAR WASHER

**TRIM FASTENERS**

ALL FASTENERS ARE #14 X 7/8 SELF DRILL W/ CLEAR WASHER

**FASTENER NOTE**

A = SHEETING/FLASHING TO STRUCTURAL CONNECTIONS  
 B = SHEETING/FLASHING TO SHEETING/FLASHING CONNECTIONS

**INSULATION**

NONE BY OTHERS BY ABC THICK WIDTH FACE COLOR  
 ROOF:  \_\_\_\_\_  
 WALLS:  \_\_\_\_\_  
 RIGID BOARD: \_\_\_\_\_ ROOF: \_\_\_\_\_ WALLS: \_\_\_\_\_ BEARING PLATE: \_\_\_\_\_  
 THERMAL BLOCK: NO BY ABC: \_\_\_\_\_ BY OTHERS: \_\_\_\_\_ (3/4" THICK ONLY)  
 SPACER STRIP: \_\_\_\_\_ (FOR LOC SEAM WITHOUT INSULATION)

**WALK DOORS**

QTY	SIZE	TYPE	SWING	LOCKSET	CLOSER	COLOR	LINER TRIM	LINER TRIM COLOR	
2	X 3070	M	NL	HC	NON	WL	X YES	NO WHITE	YES X NO
2	3070	X	6070	M	NL	HC	NON	HL	YES X NO
	3070		6070	M	NL	HC			YES NO WHITE
	3070		6070	M	NL	HC			YES NO WHITE

**FRAMED OPENINGS**

QTY	WIDTH	HEIGHT	SILL HEIGHT	FR WRAP TRIM	LINER TRIM	LINER TRIM COLOR
1	14'	14'		YES X NO	YES X NO	
2	10'	14'		YES X NO	YES X NO	
				YES NO	YES NO	
				YES NO	YES NO	
				YES NO	YES NO	
				YES NO	YES NO	
				YES NO	YES NO	
				YES NO	YES NO	

**WINDOWS**

SELF-FLASHING THERMA-PANE GLASS, BURNISH SLATE

QTY	WIDTH	HEIGHT	LINER TRIM	LINER TRIM COLOR
			YES NO	
			YES NO	
			YES NO	
			YES NO	

**LOUVERS**

WHITE ADJUSTABLE W/ BIRD SCREEN

QTY	WIDTH	HEIGHT	LINER TRIM	LINER TRIM COLOR
			YES NO	
			YES NO	
			YES NO	
			YES NO	

**LINER PANELS**

LOC	LENGTH	HEIGHT	PANEL TYPE	GAGE	COLOR	LINER TRIM	TRIM COLOR
						YES NO	
						YES NO	
						YES NO	
						YES NO	

**ROUND 20" THROAT WHITE VENTILATORS**

QUANTITY \_\_\_\_\_ RIDGE MOUNTED \_\_\_\_\_ SLOPE MOUNTED \_\_\_\_\_

**9" X 10" RIDGE VENTILATORS**

QTY AT 10' SECTIONS \_\_\_\_\_ LINEAR FEET CONTINUOUS \_\_\_\_\_

**ROOF JAXS**

QTY	TYPE
	DK-3 1/4" - 4" DIAMETER
	DK-5 4" - 7" DIAMETER
	DK-8 7" - 15" DIAMETER

**ROOF CURB FRAMING**

SIZES ARE OUT TO OUT CURB DIMENSION AS UNDERSTOOD BY AMERICAN BUILDINGS COMPANY (A.B.C.). DO NOT CUT PURLINS FOR CURB FRAMING UNLESS RELEASED BY THE A.B.C. DESIGNER. MAXIMUM LOAD FOR STANDARD ROOF CURB FRAMING IS 3000#. THE MAGNITUDE AND LOCATION OF ALL LOADS SUPPORTED BY ROOF CURBS MUST BE CLEARLY SPECIFIED IN THE ORDER DOCUMENTS.

QTY WIDTH LENGTH SLOPED AT RIDGE

**ROOF CURBS**

QTY	OUTSIDE WIDTH	OUTSIDE LENGTH	MIN. HT.	GAGE	COLOR
			8'	18	
			8'	18	

**SKYLIGHTS / WALL LIGHTS**

TRANSLUCENT SKYLIGHTS QTY: \_\_\_\_\_ SIZE: \_\_\_\_\_ TRIM: \_\_\_\_\_  
 TRANSLUCENT 4' 5" WALL LIGHTS QTY: \_\_\_\_\_

**FACADE**

TYPE VERT OR SLOPED HEIGHT LENGTH PROJECTION CLEAR UNDER FACADE CORNER UNIT

FACIA PANEL TYPE: \_\_\_\_\_ GAGE: \_\_\_\_\_ COLOR: \_\_\_\_\_ TRIM COLOR: \_\_\_\_\_

SOFFIT PANEL TYPE: \_\_\_\_\_ GAGE: \_\_\_\_\_ COLOR: \_\_\_\_\_ TRIM COLOR: \_\_\_\_\_

BACK PANEL TYPE: \_\_\_\_\_ GAGE: \_\_\_\_\_ COLOR: \_\_\_\_\_ TRIM COLOR: \_\_\_\_\_

**CANOPIES**

QTY EW SW SLOPE PROJECTION LENGTH CLEAR UNDER BEAM SOFFIT PANEL TYPE SOFFIT COLOR

EAVE TRIM: \_\_\_\_\_ TRIM COLOR: \_\_\_\_\_ DOWNSPOUT ELBOWS ONLY: \_\_\_\_\_ DOWNSPOUT RETURN: \_\_\_\_\_

**OVERHANGS**

QTY PROJECTION LENGTH SOFFIT TYPE COLOR GAGE

SW \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ 26

SW \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ 26

DOWNSPOUT ELBOWS ONLY: \_\_\_\_\_ DOWNSPOUT RETURN: \_\_\_\_\_

EW \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ 26

EW \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ 26

**PARTITIONS**

QTY WIDTH LENGTH HEIGHT PANEL TYPE GAGE COLOR

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

**SPECIAL NOTES**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**MISCELLANEOUS MATERIAL**

(28)BZ16-25.6  
 (10)BZ16-20.6  
 (4)BZ16-12.6

**RECENT PRODUCT REVISIONS**

THE FOLLOWING NOTES MAY OR MAY NOT PERTAIN TO THIS SPECIFIC JOB BUT ARE NOTEWORTHY PRODUCT CHANGES.

1. THINK SAFETY!

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE

DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE
<input checked="" type="checkbox"/> FOR CONSTRUCTION <input type="checkbox"/> FOR APPROVAL <input type="checkbox"/> FOR PERMIT ONLY <input type="checkbox"/> PRELIMINARY <input type="checkbox"/> NOT FOR CONSTRUCTION			

DRAWN BY:	CHECKED BY:	DESIGN APP'D BY:	CAD BY:
KL	DL	MCP	K LAURANTS

EL PASO ILLINOIS

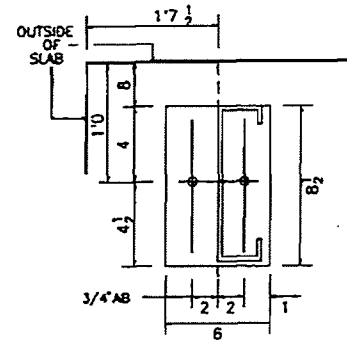


BILLY SAPP  
 R.R.  
 COLUMBIA, MO  
 LITTLE DIXIE CONST.

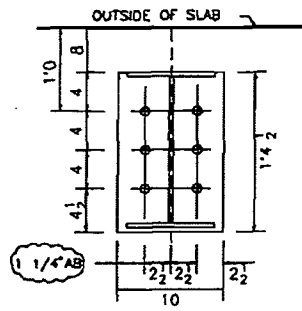
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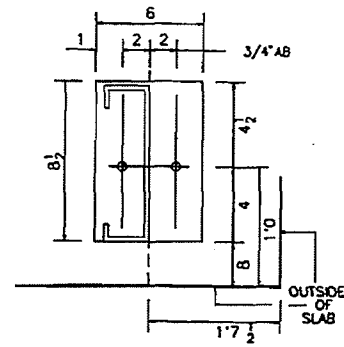
## REACTION SCHEMATICS & BASEPLATE DETAILS



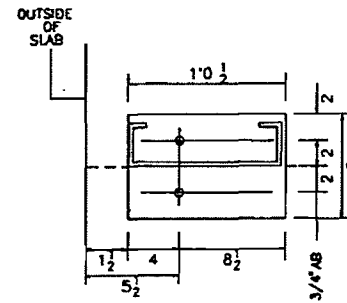
BP02-A



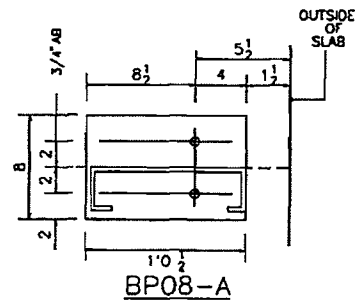
BP05-A



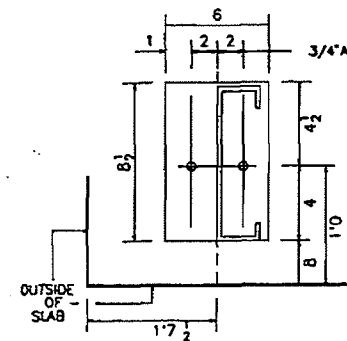
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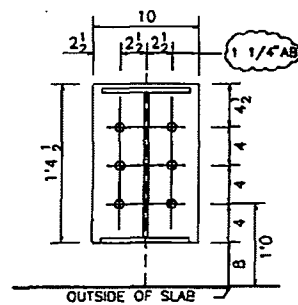
BP03-A



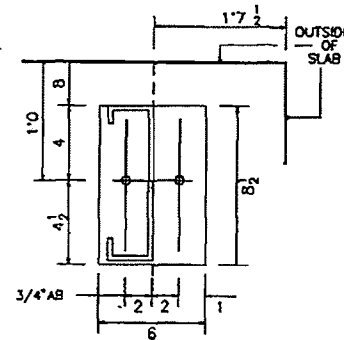
BP08-A



BP01-A



BP04-A

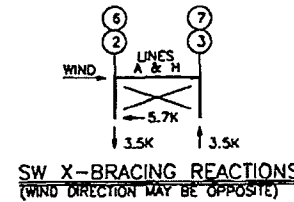


BP07-A

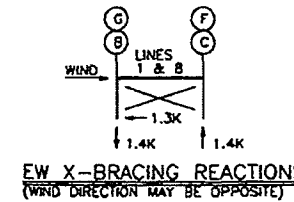
REACTION TABLE (kips)					
LOAD DESC	WIND	A	B	C	D
D + C + L	L->R	61.7	46.7	-61.7	46.7
D + W1->	L->R	-3.8	2.7	-4.1	-1.1
D + W2->	L->R	-11.2	-6.3	4.4	-4.2
D + W3->	L->R	-14.4	-6.1	6.5	-9.8
D + W4->	L->R	-21.8	-15.0	15.0	-12.9
D + C + 3/4L + 3/4W1->	L->R	41.0	35.2	-46.9	32.4
D + C + 3/4L + 3/4W2->	L->R	35.4	28.4	-40.5	30.0
D + C + 3/4L + 3/4W3->	L->R	33.0	28.6	-38.9	25.8
D + C + 3/4L + 3/4W4->	L->R	27.4	21.9	-32.5	23.4
D + C + 3/4S + 3/4W1->	L->R	31.7	28.2	-37.6	25.3
D + C + 3/4S + 3/4W2->	L->R	26.1	21.4	-31.2	23.0
D + C + 3/4S + 3/4W3->	L->R	23.7	21.6	-29.6	18.8
D + C + 3/4S + 3/4W4->	L->R	18.1	14.8	-23.3	16.4



FRAME LINES 2-7



SW X-BRACING REACTIONS  
(WIND DIRECTION MAY BE OPPOSITE)

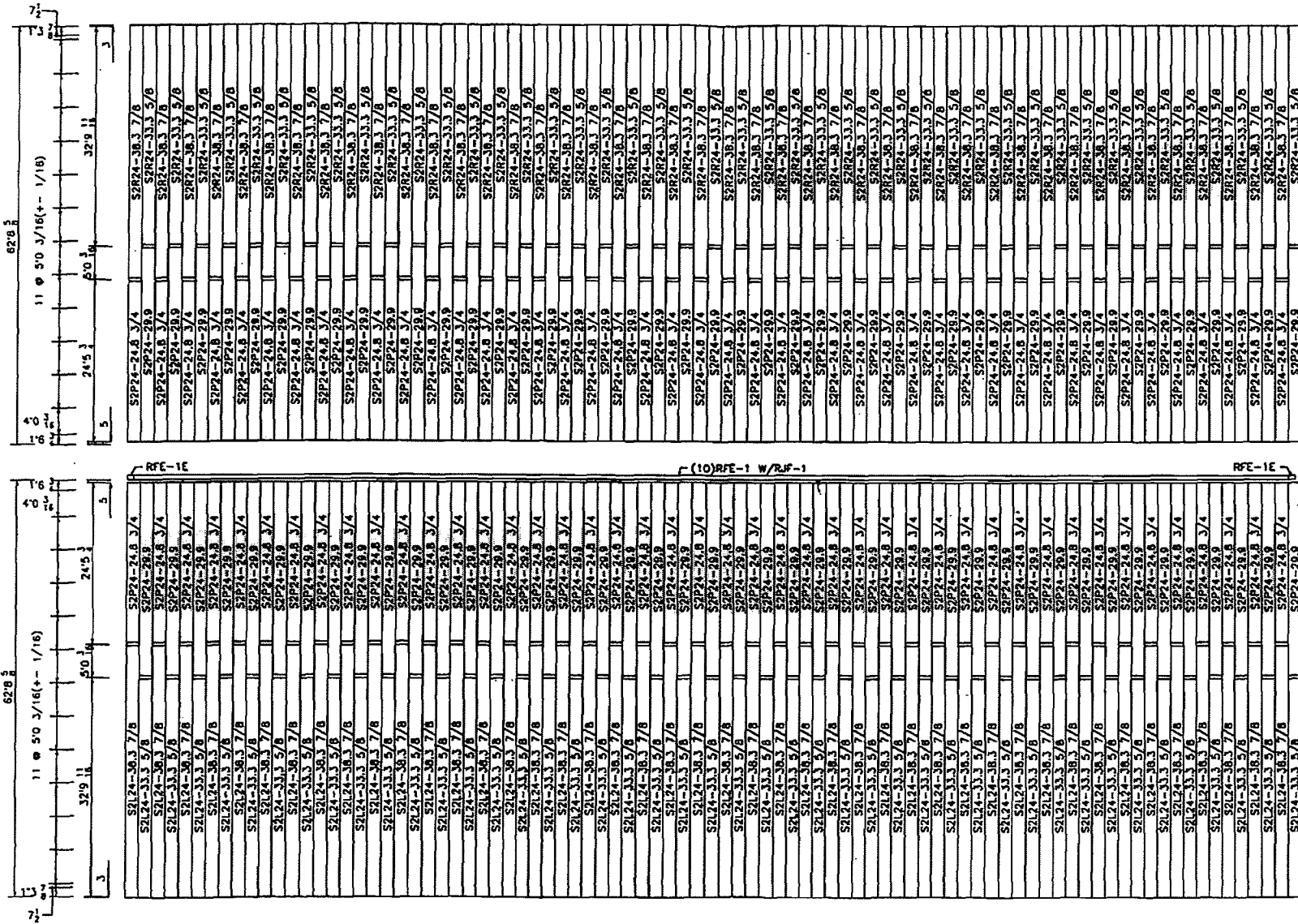


EW X-BRACING REACTIONS  
(WIND DIRECTION MAY BE OPPOSITE)

MAXIMUM ENDWALL REACTION TABLE		LEW/REW
MAX. E/W VERTICAL LL + DL REACTION =		7.9K/7.9K
MAX. E/W VERTICAL WL + DL REACTION =		-4.3K/-4.3K
MAX. E/W HORIZONTAL WL + DL REACTION =		3.0K/3.0K

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	BILLY SAPP R.R. COLUMBIA, MO LITTLE DIXIE CONST.	EL PASO AMERICAN BUILDINGS ILLINOIS	DRAWING NUMBER: 61395501 AB-2	REV. NO. 0
														<input checked="" type="checkbox"/> FOR CONSTRUCTION	DRAWN BY: KL		09/14/98				
														<input type="checkbox"/> FOR APPROVAL	CHECKED BY: DL		09/14/98				
														<input type="checkbox"/> FOR PERMIT ONLY	DESIGN APP'D BY: MFR		09/14/98				
														<input type="checkbox"/> PRELIMINARY	CAD BY: K LAURATIS		09/14/98				
														<input type="checkbox"/> NOT FOR CONSTRUCTION							





ROOF SHEETING PLAN

Sheeting Direction  
←

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	EL PASO	KLINGSTUBBINS	AMERICAN BUILDINGS	DRAWING NUMBER	REV. NO.
1	REVISED FOR FINAL CONSTRUCTION								KL	DES	10/15/98	RW	10/15/98	<input checked="" type="checkbox"/> FOR CONSTRUCTION <input type="checkbox"/> FOR APPROVAL <input type="checkbox"/> FOR PERMIT ONLY <input type="checkbox"/> PRELIMINARY <input type="checkbox"/> NOT FOR CONSTRUCTION			09/16/98				61395501 E-02	1

BILLY SAPP  
R.R.  
COLUMBIA, MO  
LITTLE DIXIE CONST.

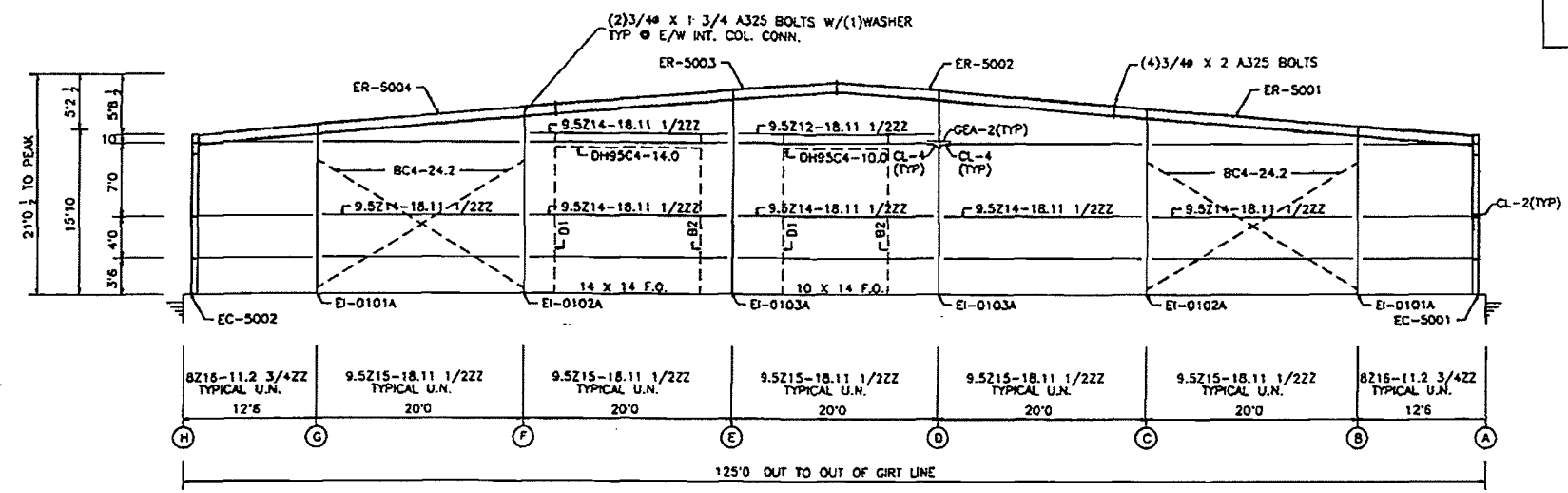
EL PASO KLINGSTUBBINS  
  
 DRAWING NUMBER: 61395501 E-02  
 REV. NO. 1



**ERECTION NOTE:**  
FIELD SLOT GIRTS AS REQ'D FOR DIAGONAL BRACING AT ENDWALL.

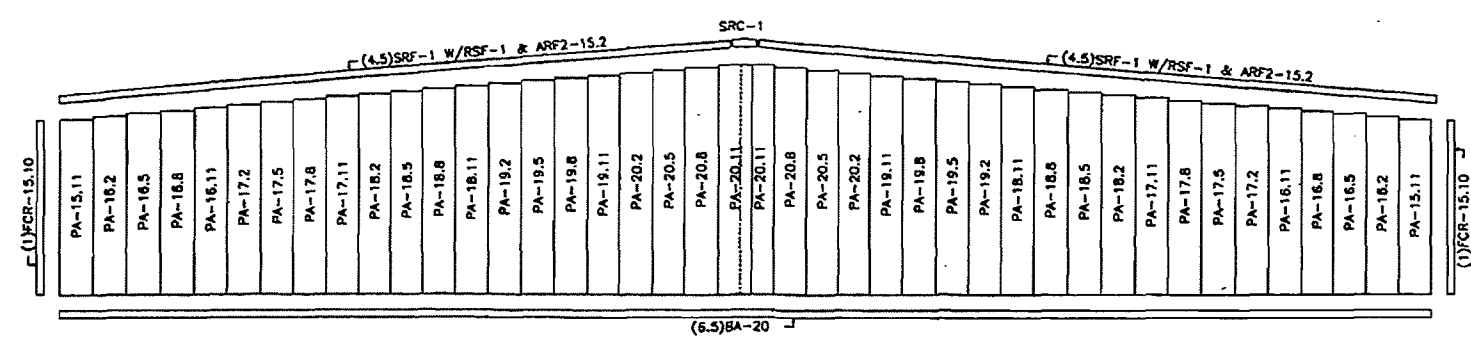
**NOTE:** USE 1/2" X 2" A325 BOLTS W/ WASHER  
@ BACK TO BACK CL-4 W/ CL-4B CONNECTIONS.  
(SEE DETAIL WFO1/AA ON SHEET DWG-1.2)

**NOTE:** SEE SHEETS WAO-1.2 & WAO-2.2 FOR CLIP, FASTENER,  
AND FLASHING DETAILS @ OVERHEAD DOOR FRAMED OPENINGS.



D1 - DJ95C4-14.11 3/8BP1  
B2 - DJ95C4-14.11 3/8BP1  
GABLE ANGLE GA-1 TYPICAL

**ENDWALL FRAMING AT FRAME LINE 1**



**SHEETING PACKAGE MK# EW01S-A**

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	BILLY SAPP R.R. COLUMBIA, MO LITTLE DIXIE CONST.	EL PASO ILLINOIS
1	REVISED FOR FINAL CONSTRUCTION								KL	DES	10/15/98			X FOR CONSTRUCTION FOR APPROVAL FOR PERMIT ONLY PRELIMINARY NOT FOR CONSTRUCTION			09/16/98 09/18/98 09/18/98 09/16/98		

AMERICAN BUILDINGS

DRAWING NUMBER: 61395501 E-04

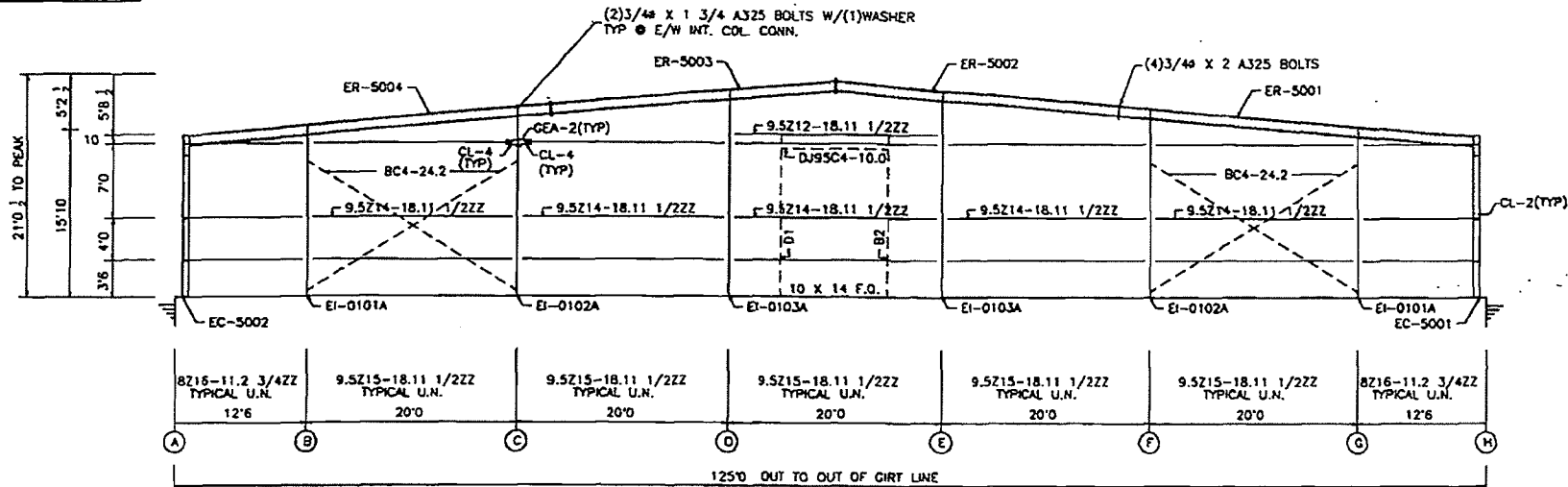
REV. NO. 1



**ERECTION NOTE!!!**  
FIELD SLOT GIRTS AS REQ'D FOR DIAGONAL BRACING AT SIDEWALL

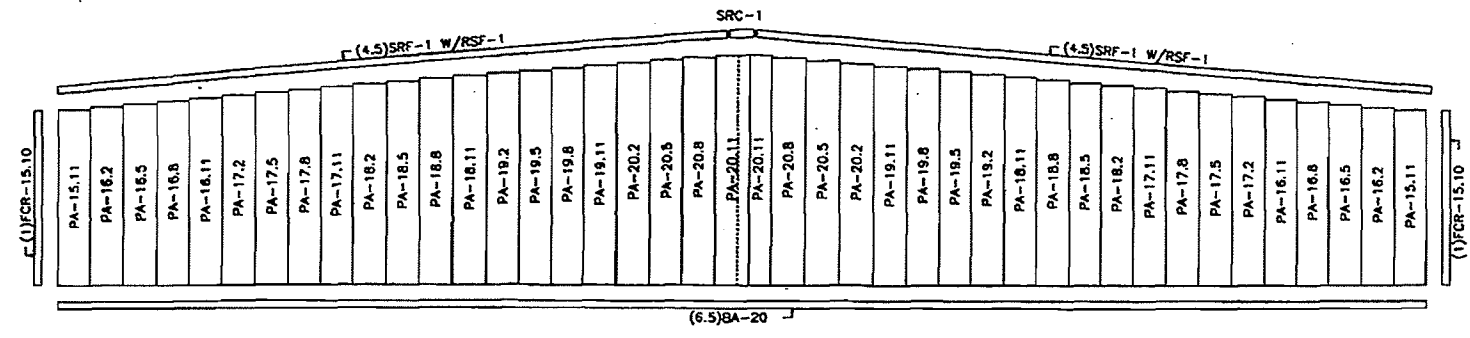
**NOTE:** USE 1/2" X 2" A325 BOLTS W/ WASHER  
● BACK TO BACK CL-4 W/ CL-4B CONNECTIONS.  
(SEE DETAIL WFO1/AA ON SHEET DWG-1.2)

**NOTE:** SEE SHEETS WAO-1.2 & WAO-2.2 FOR CLIP, FASTENER,  
AND FLASHING DETAILS ● OVERHEAD DOOR FRAMED OPENINGS.



D1 - DJ95C4-14.11 3/8BP1  
B2 - DJ95C4-14.11 3/8BP1  
CABLE ANGLE GA-1 TYPICAL

**ENDWALL FRAMING AT FRAME LINE 8**



**SHEETING PACKAGE MK# EWO1S-A**

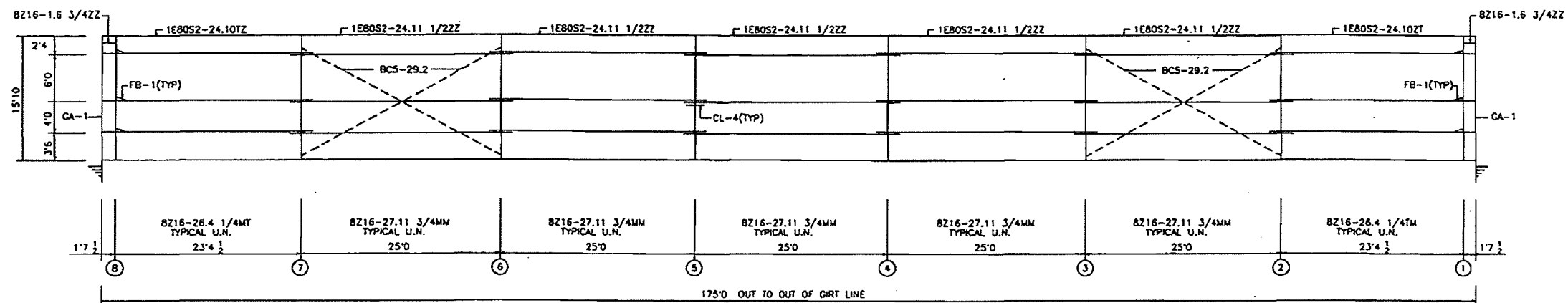
NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	BILLY SAPP R.R. COLUMBIA, MO LITTLE DIXIE CONST.	EL PASO ILLINOIS AMERICAN BUILDINGS	DRAWING NUMBER: 61395501 E-05	REV.NO. 1
1	REVISED FOR FINAL CONSTRUCTION	KL	DES	10/15/98	KLW	10/15/98								FOR CONSTRUCTION			09/16/98				
														FOR APPROVAL			09/18/98				
														FOR PERMIT ONLY			09/18/98				
														PRELIMINARY			09/18/98				
														NOT FOR CONSTRUCTION			09/16/98				



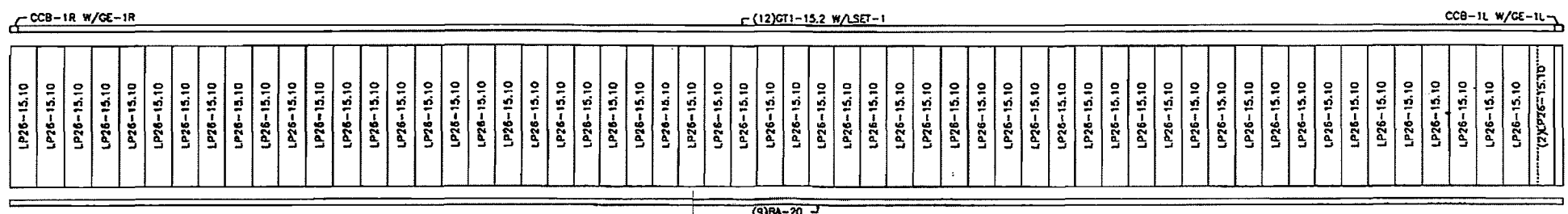
LOW - BARN

NOTE: USE 1/2" x 1 1/4" A325 BOLTS  
 @ ALL GIRT CONNECTIONS (TYP. U.N.)

GIRT LAPS = 3'-0" TYPICAL U.N.



SIDEWALL FRAMING PLAN @ LINE H



SIDEWALL SHEETING PLAN @ LINE H

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	BILLY SAPP R.R. COLUMBIA, MO LITTLE DIXIE CONST.	EL PASO ILLINOIS
														FOR CONSTRUCTION FOR APPROVAL FOR PERMIT ONLY PRELIMINARY NOT FOR CONSTRUCTION					
							1	REVISED FOR FINAL CONSTRUCTION	KL	DES	10/15/98	KLW	10/15/98				09/16/98		
																	09/18/98		
																	09/18/98		
																	09/16/98		
DRAWING NUMBER: 61395501 E-07																		REV. NO. 1	