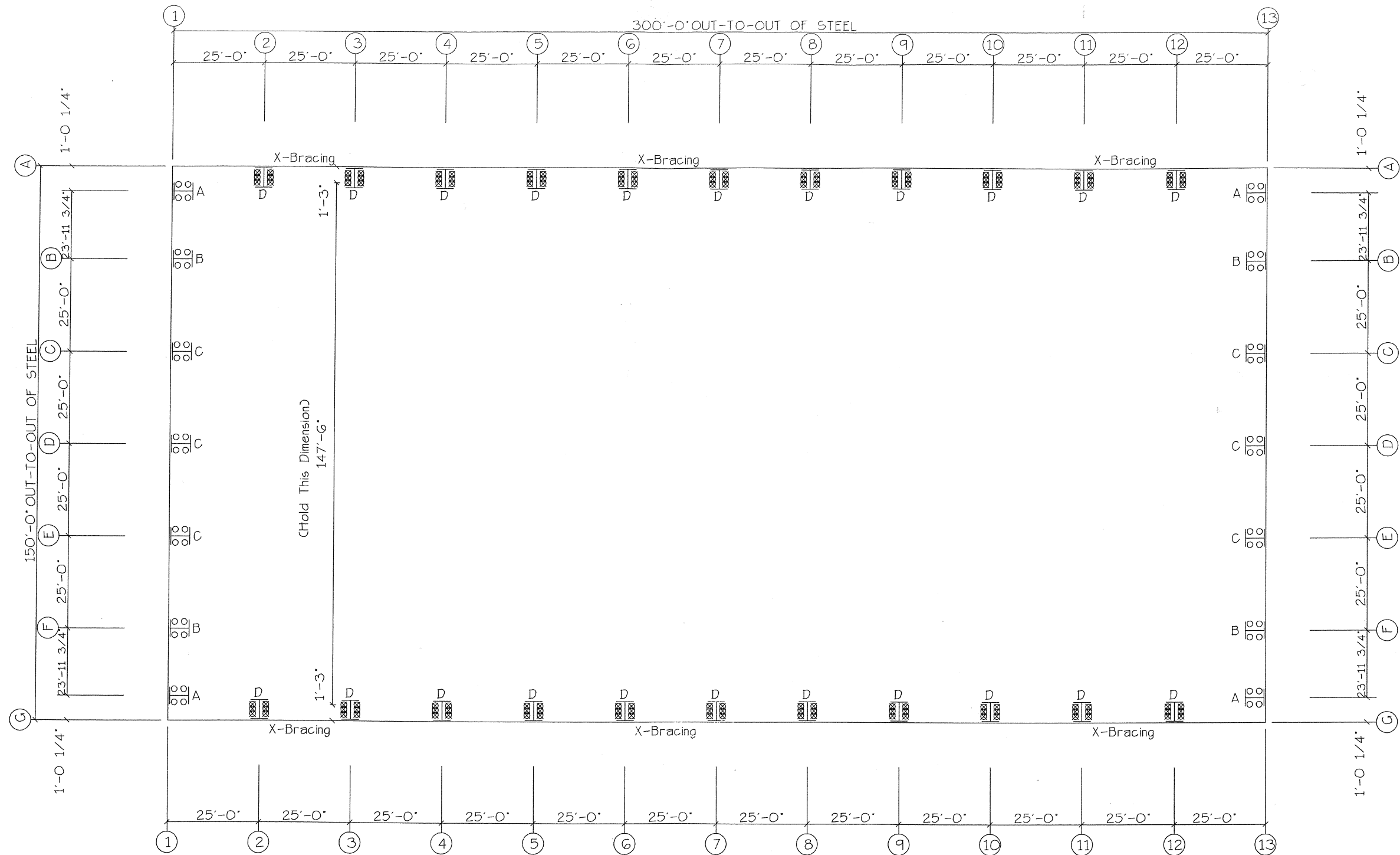
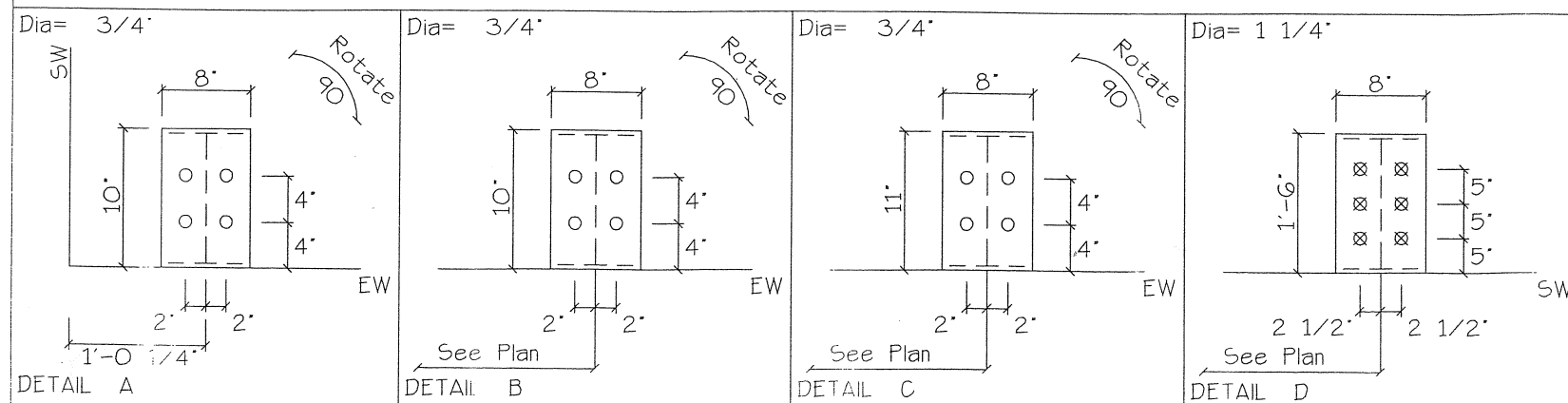




ANCHOR BOLT PLAN
NOTE: All Base Plates • 100'-0" (U.N.)

PIONEER
STEEL AND PIPE



APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703		
SCALE : NONE	DRAWN BY :	CUSTOMER :	
DATE : 3/28/05	CADD BY :	Felix Pena	
BLDG. SIZE :		6560 N. Hwy. 36	
150'-0" x 300'-0" x 14'-0"		Buckholts, TX 76518	
DRAWING :		JOB #	DWG #
ANCHOR BOLT PLAN		2442	
		ISSUE	

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	150.0
Length (ft)	=	300.0
Eave Height (ft)	=	14.0/14.0
Roof Slope (rise/12)	=	2.0/ 2.0
Dead Load (psf)	=	2.2
Collateral Load (psf)	=	0.0
Roof Live Load (psf)	=	20.0
Frame Live Load (psf)	=	12.0
Snow Load (psf)	=	5.0
Wind Speed (mph)	=	80.0
Wind Code	=	IBC 03
Exposure	=	C
Closed/Open	=	P
Importance - Wind	=	1.00
Importance - Seismic	=	1.00
Seismic Zone	=	A

ENDWALL COLUMN REACTIONSCK)

MAXIMUM VERTICAL DL+CL+LL	=	7.1
MAXIMUM VERTICAL DL+WL	=	-4.8
MAXIMUM HORIZONTAL DL+WL	=	5.0

BRACING REACTIONS, PANEL SHEAR

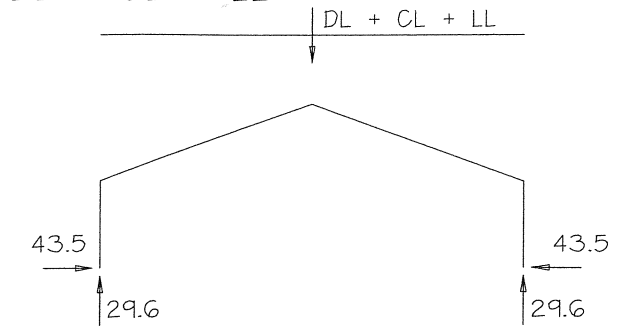
---Wall---		Col	± Reactions (k)				Panel
Loc	Line	Line	--Wind--		-Seismic-		Shear
			Horz	Vert	Horz	Vert	(lb/ft)

L__EW	1	Bracing	In Roof	To Rigid	Frame		
F__SW	G	2 .3	2.5	1.2	0.0	0.0	
		6 .7	2.5	1.2	0.0	0.0	
		11.12	2.5	1.2	0.0	0.0	
R__EW	13	Bracing	In Roof	To Rigid	Frame		
B__SW	A	12.11	2.5	1.2	0.0	0.0	
		7 .6	2.5	1.2	0.0	0.0	
		3 .2	2.5	1.2	0.0	0.0	

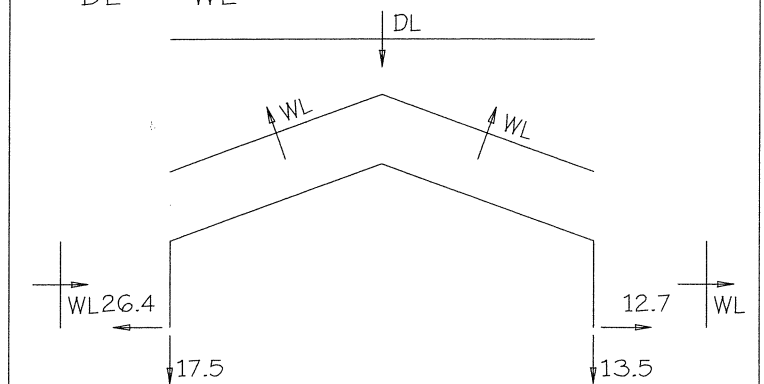
RIGID FRAME REACTIONS (k)

2 3 4 5 6 7 8 9 10

DL + CL + LL



DL + WL

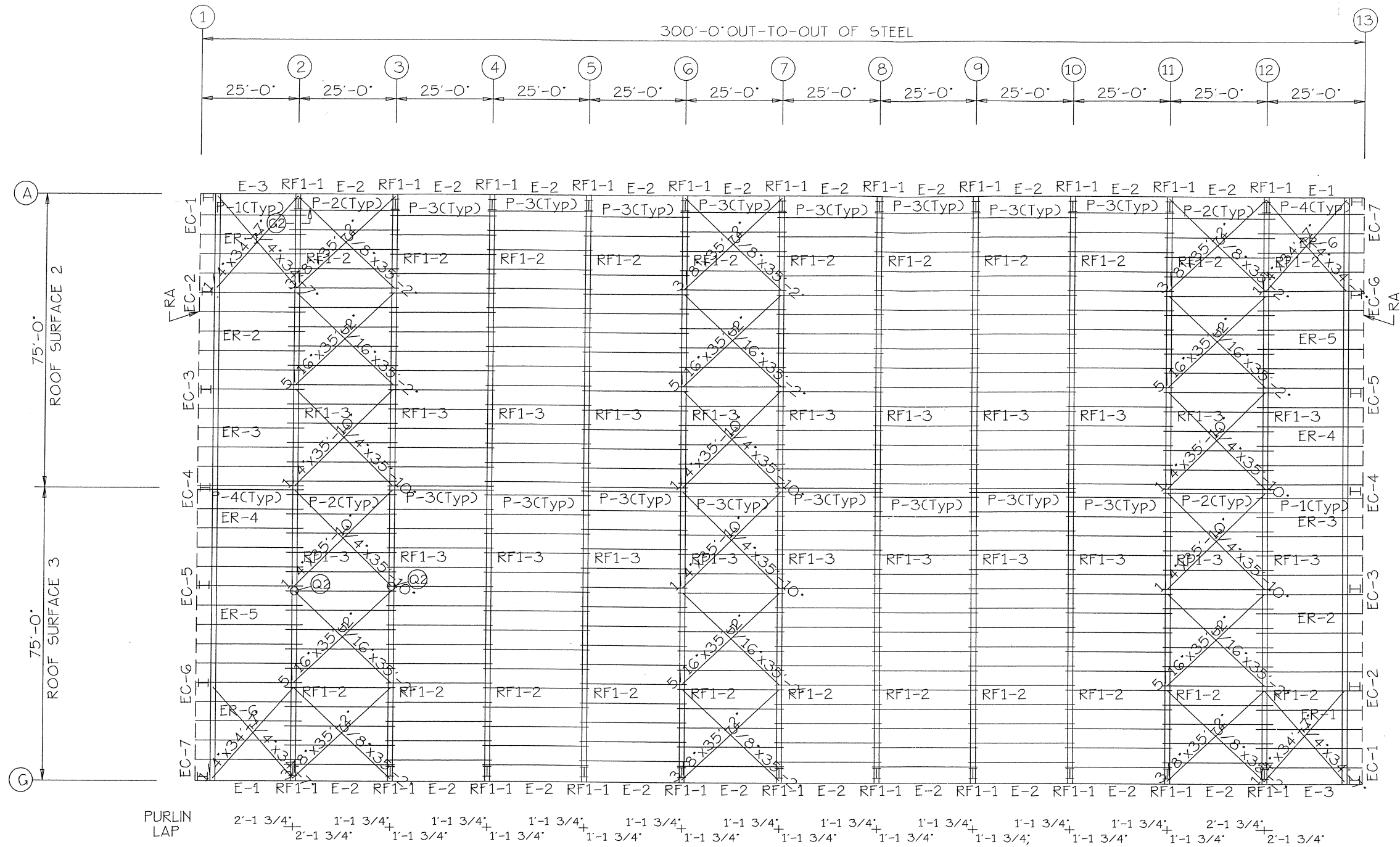


PIONEER STEEL AND PIPE

APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703			
SCALE : NONE	DRAWN BY :	CUSTOMER :		
DATE : 3/28/05	CADD BY :	Felix Pena 6560 N. Hwy 36 Buckholts, TX 76518		
BLDG. SIZE : 150'-0" x 300'-0" x 14'-0"	DRAWING : ANCHOR BOLT PLAN	JOB # 2442	DWG #	ISSUE

TRIM TABLE			
ROOF PLAN			
QID	MARK	LENGTH	DETAIL
1	FL-49	2'-6"	TRIM_23

MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	8X25Z16	27'-1 1/2"
P-2	8X25Z16	28'-3 1/2"
P-3	8X25Z16	27'-3 1/2"
P-4	8X25Z16	27'-1 1/2"
E-1	8E14	24'-11 1/2"
E-2	8E14	24'-11 1/2"
E-3	8E14	24'-11 1/2"
CB-1	0.25_CB	34'-7"
CB-3	0.38_CB	35'-2"
CB-4	0.31_CB	35'-2"
CB-5	0.25_CB	35'-10"



PURLIN LAP 2'-1 3/4" 1'-1 3/4" 1'-1 3/4" 1'-1 3/4" 1'-1 3/4" 1'-1 3/4" 1'-1 3/4" 1'-1 3/4" 1'-1 3/4" 1'-1 3/4" 1'-1 3/4" 2'-1 3/4" 2'-1 3/4"

ROOF FRAMING PLAN

40'-7" (100)
35'-11 1/2" (100)
35'-11 1/2" (100)
40'-7" (100)

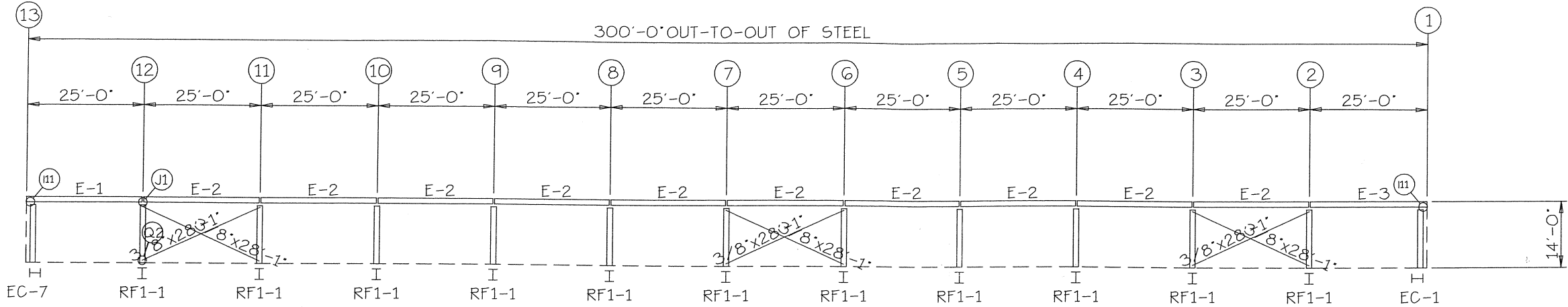
ROOF SHEETING
PANELS: 26 Ga. PR
Polar White

PIONEER
STEEL AND PIPE

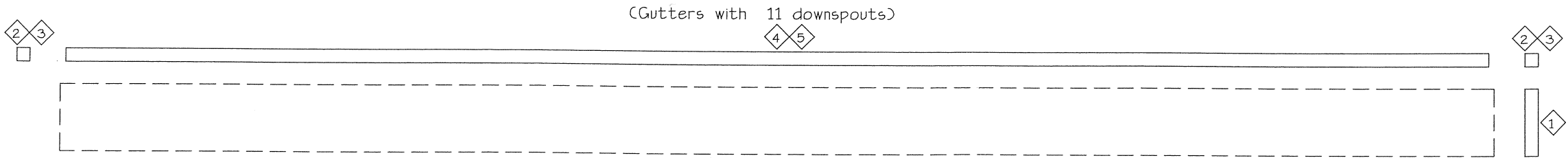
APPROVED BY :		913 SO. LOOP WACO, TEXAS 76703		
SCALE : NONE	DRAWN BY :	CUSTOMER :		
DATE : 3/28/05	CADD BY :	Felix Pena		
BLDG. SIZE : 150'-0" x 300'-0" x 14'-0"		6560 N. Hwy 36 Buckholts, TX 76518		
DRAWING : ROOF FRAMING		JOB # 2442	DWG #	ISSUE

TRIM TABLE FRAME LINE A			
OID	MARK	LENGTH	DETAIL
1	FL-830	10'-2"	TRIM_26
2	FL-16C	9 1/2'	
3	FL-18A	9 1/2'	
4	RB-1	20'-2"	TRIM_15
5	SF-1	10'-2"	TRIM_9

MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
E-1	8E14	24'-11 1/2"
E-2	8E14	24'-11 1/2"
E-3	8E14	24'-11 1/2"
CB-2	0.38_CB	28'-1"



SIDEWALL FRAMING: FRAME LINE A



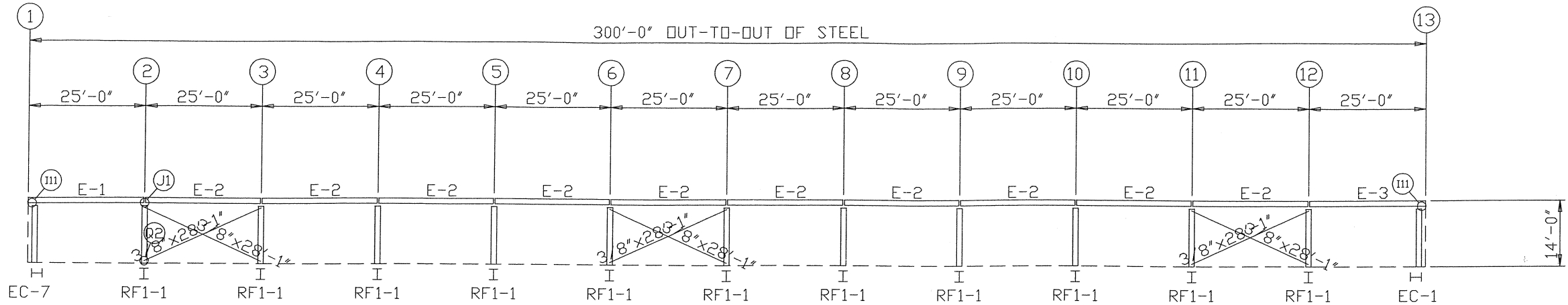
SIDEWALL SHEETING + TRIM: FRAME LINE A

PIONEER STEEL AND PIPE

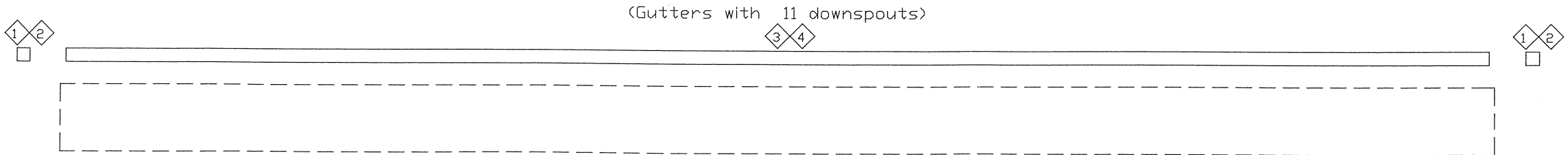
APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703			
SCALE : NONE	DRAWN BY :	CUSTOMER :		
DATE : 3/28/05	CADD BY :	Felix Pena 6560 N. Hwy 36 Buckholts, TX 76518		
BLDG. SIZE : 150'-0" x 300'-0" x 14'-0"		JOB #	DWG #	ISSUE
DRAWING : SIDEWALL FRAMING		2442		

TRIM TABLE			
FRAME LINE G			
ID	MARK	LENGTH	DETAIL
1	FL-16C	9' 1/2"	TRIM_15 TRIM_9
2	FL-18A	9' 1/2"	
3	RB-1	20'-2"	
4	SF-1	10'-2"	

MEMBER TABLE			
FRAME LINE G			
MARK	PART	LENGTH	
E-1	8E14	24'-11 1/2"	
E-2	8E14	24'-11 1/2"	
E-3	8E14	24'-11 1/2"	
CB-2	0.38 CB	28'-1"	



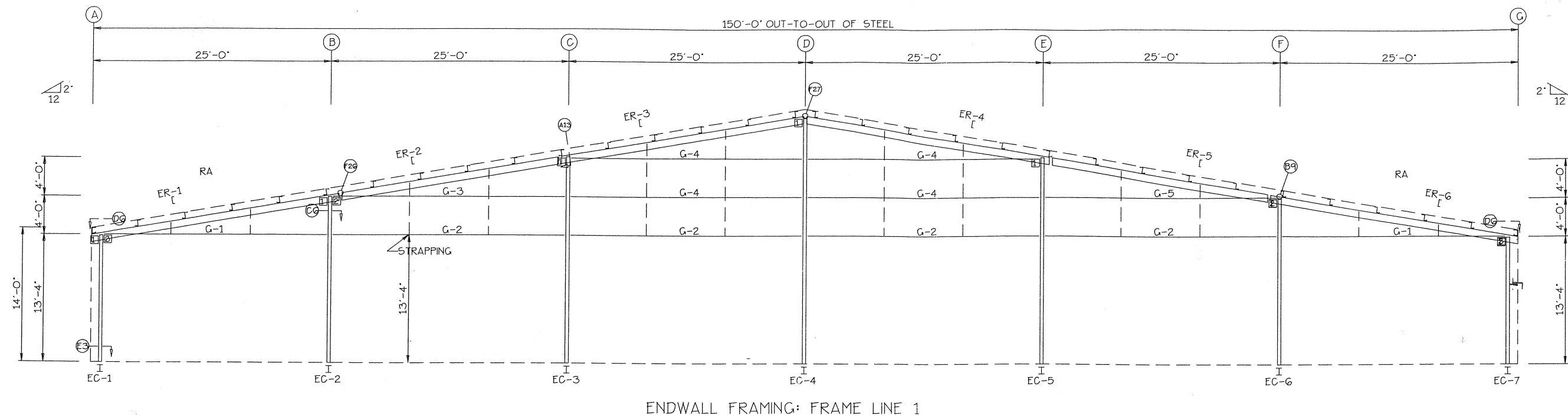
SIDEWALL FRAMING: FRAME LINE G



SIDEWALL SHEETING & TRIM: FRAME LINE G

PIONEER STEEL AND PIPE

APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703			
SCALE : NONE	DRAWN BY :	CUSTOMER :		
DATE : 3/28/05	CADD BY :	Felix Pena		
BLDG. SIZE : 150'-0' x 300'-0' x 14'-0'		6560 N. Hwy 36 Buckholts, TX 76518		
DRAWING : SIDEWALL FRAMING		JOB # 2442	DWG #	ISSUE

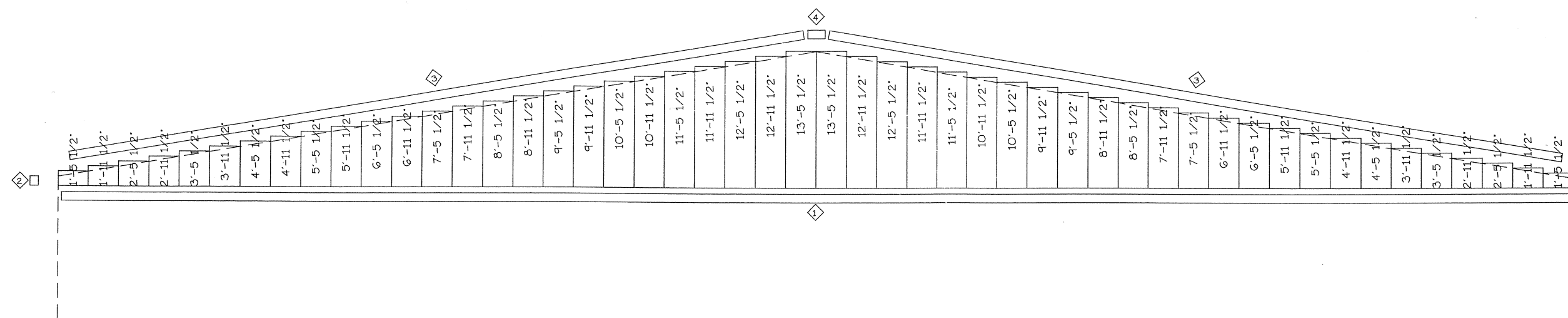


BOLT TABLE				
FRAME LINE 1				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	1 3/4'
ER-2/ER-3	4	A325	5/8"	1 3/4'
ER-3/ER-4	4	A325	5/8"	1 3/4'
ER-4/ER-5	4	A325	5/8"	1 3/4'
ER-5/ER-6	4	A325	5/8"	1 3/4'
Columns	4	A325	5/8"	1 3/4'

TRIM TABLE			
FRAME LINE 1			
ID	MARK	LENGTH	DETAIL
1	FL-26	10'-4"	TRIM_33
2	FL-B30	10'-2"	TRIM_26
3	RB-2	20'-2"	TRIM_18
4	FL-16B	1'-4"	

MEMBER TABLE		
FRAME LINE 1		
MARK	PART	LENGTH
EC-1	W10X15	13'-4 11/16"
EC-2	W10X15	17'-4 11/16"
EC-3	W10X26	21'-6 5/8"
EC-4	W10X26	25'-8 3/8"
EC-5	W10X26	21'-6 5/8"
EC-6	W10X15	17'-4 11/16"
EC-7	W10X15	13'-4 11/16"
ER-1	C10X15.3	26'-5 1/2"
ER-2	C10X15.3	23'-0 3/4"
ER-3	C10X15.3	26'-6 1/8"
ER-4	C10X15.3	26'-6 1/8"
ER-5	C10X15.3	23'-0 3/4"
ER-6	C10X15.3	26'-5 1/2"
G-1	10X35C14	24'-6 1/16"
G-2	10X35C14	24'-4 1/2"
G-3	10X25Z14	25'-6 1/16"
G-4	10X25Z14	24'-4 1/2"
G-5	10X25Z14	25'-6 1/16"

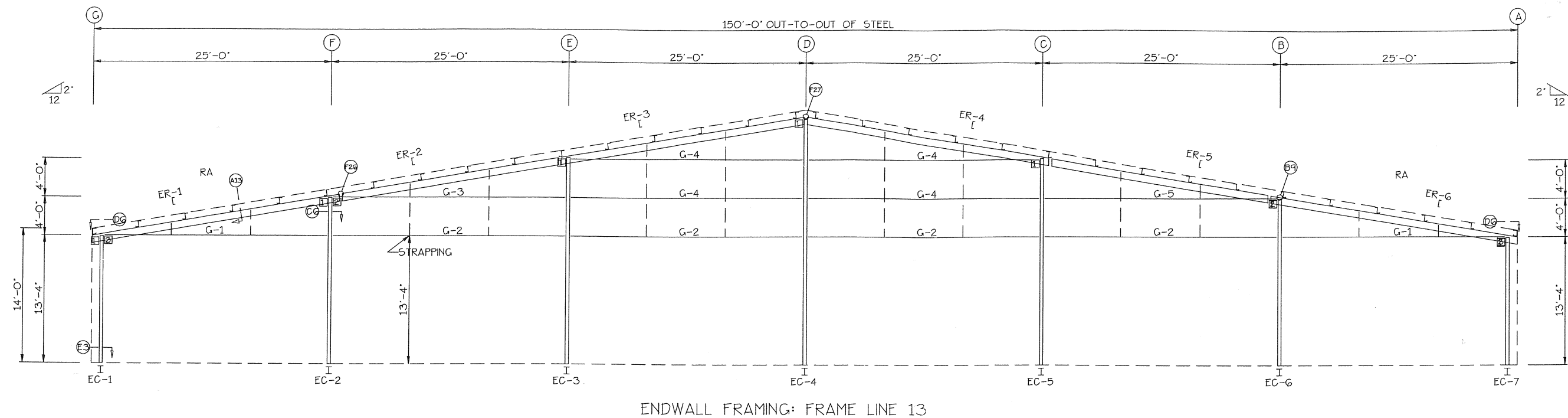
CONNECTION PLATES	
FRAME LINE 1	
ID	MARK/PART
1	BOLT
2	b1
3	CL-S4



ENDWALL SHEETING + TRIM: FRAME LINE 1
PANELS: 26 Ga. R - NEED COLOR

PIONEER
STEEL AND PIPE

APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703		
SCALE : NONE	DRAWN BY :	CUSTOMER :	
DATE : 3/28/05	CADD BY :	Felix Pena	
BLDG. SIZE : 150'-0" x 300'-0" x 14'-0"		6560 N. Hwy 36 Buckholts, TX 76518	
DRAWING : ENDWALL FRAMING	JOB # 2442	DWG #	ISSUE

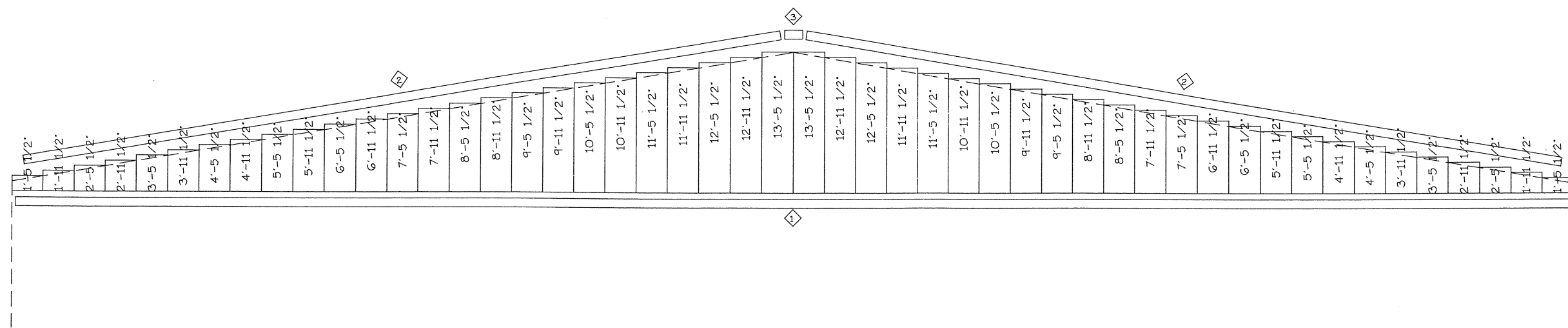


BOLT TABLE FRAME LINE 13				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-2	4	A325	5/8"	1 3/4"
ER-2/ER-3	4	A325	5/8"	1 3/4"
ER-3/ER-4	4	A325	5/8"	1 3/4"
ER-4/ER-5	4	A325	5/8"	1 3/4"
ER-5/ER-6	4	A325	5/8"	1 3/4"
Columns	4	A325	5/8"	1 3/4"

TRIM TABLE FRAME LINE 13			
ID	MARK	LENGTH	DETAIL
1	FL-26	10'-4"	TRIM_33
2	RB-2	20'-2"	TRIM_18
3	FL-16B	1'-4"	

MEMBER TABLE FRAME LINE 13		
MARK	PART	LENGTH
EC-1	W10X15	13'-4 11/16"
EC-2	W10X15	17'-4 11/16"
EC-3	W10X26	21'-6 5/8"
EC-4	W10X26	25'-8 3/8"
EC-5	W10X26	21'-6 5/8"
EC-6	W10X15	17'-4 11/16"
EC-7	W10X15	13'-4 11/16"
ER-1	C10X15.3	26'-5 1/2"
ER-2	C10X15.3	23'-0 3/4"
ER-3	C10X15.3	26'-6 1/8"
ER-4	C10X15.3	26'-6 1/8"
ER-5	C10X15.3	23'-0 3/4"
ER-6	C10X15.3	26'-5 1/2"
G-1	10X35C14	24'-6 1/16"
G-2	10X35C14	24'-4 1/2"
G-3	10X25Z14	25'-6 1/16"
G-4	10X25Z14	24'-4 1/2"
G-5	10X25Z14	25'-6 1/16"

CONNECTION PLATES FRAME LINE 13		
ID	MARK	PART
1	BOLT	
2	b1	
3	CL-S4	



ENDWALL SHEETING + TRIM: FRAME LINE 13
PANELS: 26 Ga. R - NEED COLOR

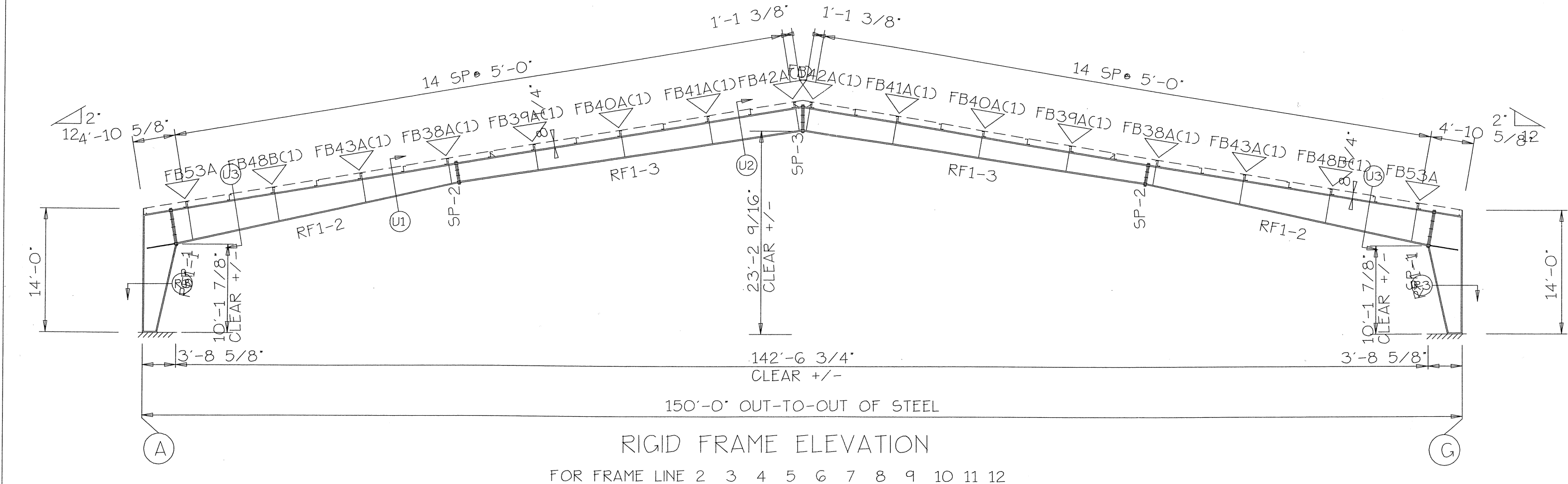
PIONEER
STEEL AND PIPE

APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703		
SCALE : NONE	DRAWN BY :	CUSTOMER : Felix Pena 6560 N. Hwy 36 Buckholts, TX 76518	
DATE : 3/28/05	CADD BY :		
BLDG. SIZE : 150'-0" x 300'-0" x 14'-0"		JOB # 2442	DWG # ISSUE
DRAWING : ENDWALL FRAMING			

SPlice BOLTS						
Splice Mark	Quan	Top/Bot/Int	Type	Dia	Len	
SP- 1	4	4	G	A325	1.000	2.75
SP- 2	4	4	4	A325	1.000	2.75
SP- 3	4	4	4	A325	1.000	2.75

FLANGE BRACES: Both Sides(U.N.)
FBxxA(1): xx=length(in)
A - L2X2X1/8
B - L2X2X3/16

MEMBER SIZE TABLE (in)						
PIECE	WEB DEPTH	WEB PLATE		OUTSIDE FLANGE W x T x LEN	INSIDE FLANGE W x T x LEN	
	START/END	THICK	LENGTH			
RF1-1	17.0/44.0	0.313	164.6	8x5/16" x 36.9	8x5/16"x120.5	
RF1-2	36.3/24.0	0.188	240.0	8x5/16"x158.6	8x3/8" x392.2	
RF1-3	44.0/36.3	0.250	151.7	8x1/4" x240.0		
	27.0/30.0	0.188	240.0	8x5/16"x151.7		
	24.0/27.0	0.188	240.0	8x1/4" x480.0	8x1/4" x475.0	



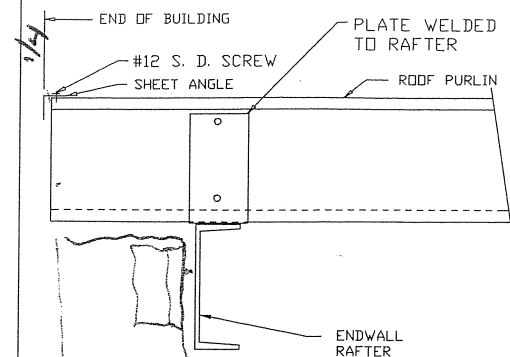
PIONEER STEEL AND PIPE

GENERAL NOTES:

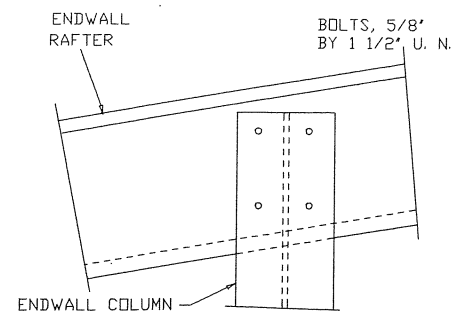
CONSTRUCTION NOTES FOR THE RIGID FRAMES.

1. ALL PRIMARY STRUCTURAL STEEL SHALL BE FABRICATED FROM 50 KSI STEEL.
2. ALL FIELD CONNECTIONS OF PRIMARY FRAMING MEMBERS SHALL BE BOLTED. WITH A325 H. S. BOLTS AND INSTALLED BY THE 'TURN OF THE NUT' METHOD.
3. ALL FIELD CONNECTIONS OF SECONDARY FRAMING SHALL BE BOLTED WITH A307 MACHINE BOLTS.
4. WELDING PROCESSES USED BY MANUFACTURER ARE IN ACCORDANCE WITH SEC. 1.3 OF AWS D 1.1.

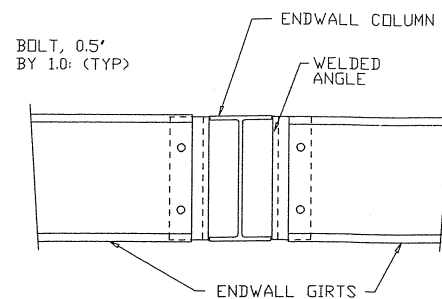
APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703			
SCALE : NONE	DRAWN BY :	CUSTOMER :		
DATE : 3/28/05	CADD BY :	Felix Pena		
BLDG. SIZE : 150'-0" x 300'-0" x 14'-0"		6560 N. Hwy 36 Buckholts, TX 76518		
DRAWING : RIGID FRAME ELEVATION	JOB # 2442	DWG #	ISSUE	



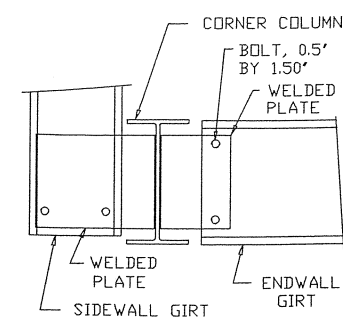
A13 SECTION THRU ENDWALL RAFTER



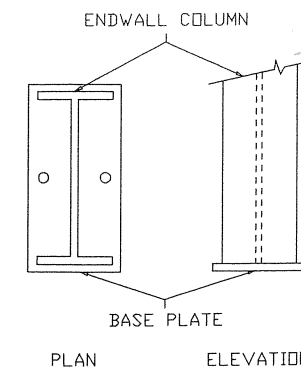
B9 ENDWALL RAFTER TO COLUMN



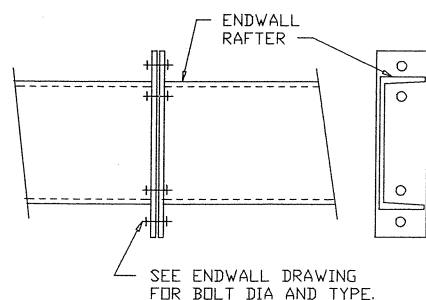
C6 ENDWALL COLUMN TO WALL GIRT



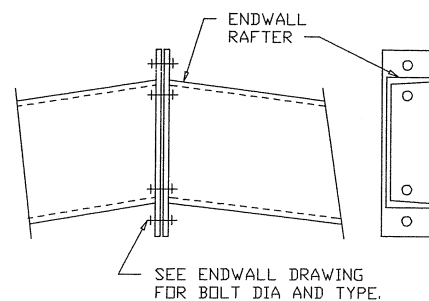
D6 CORNER COLUMN TO WALL GIRT



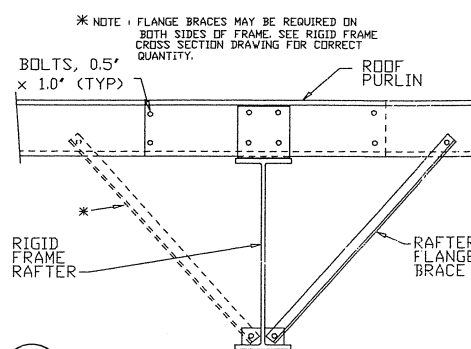
E3 BASE PLATE FOR ENDWALL COLUMN



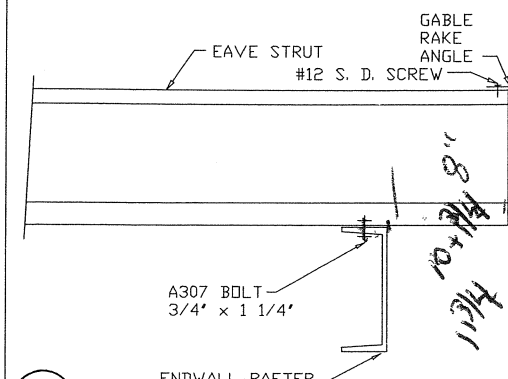
F26 RAFTER SPLICE ALONG SURFACE



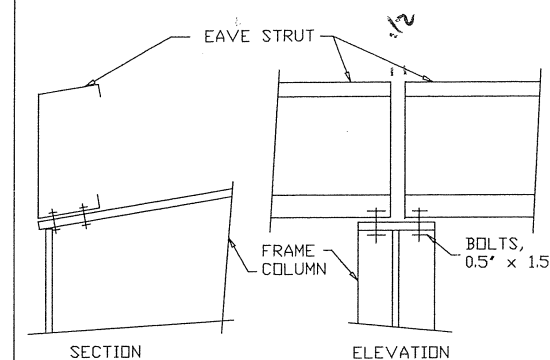
F27 RAFTER SPLICE AT SURFACE CHANGE



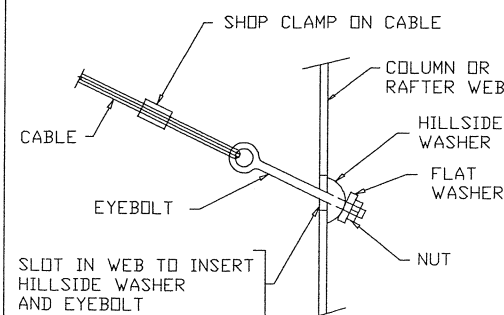
G2 ROOF PURLIN TO INTERIOR FRAME RAFTER



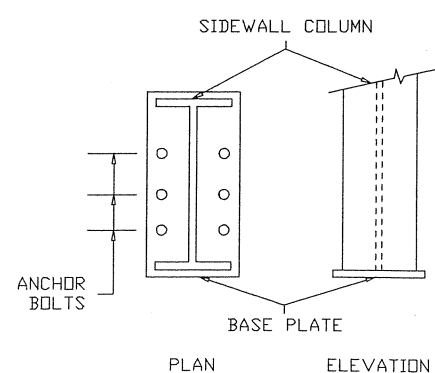
I11 EAVE STRUT TO ENDWALL RAFTER



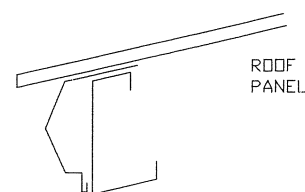
J1 EAVE STRUT TO RIGID FRAME



Q2 DIAGONAL CABLE, EYEBOLT END

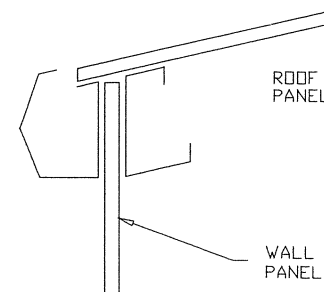


R3 ANCHOR BOLTS AT SIDEWALL COLUMN



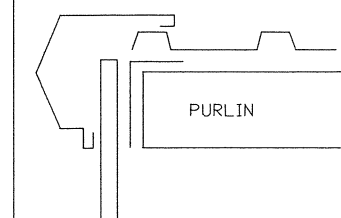
GABLE EXTENSION EAVE TRIM

'TRIM_9'



GUTTER

'TRIM_15'

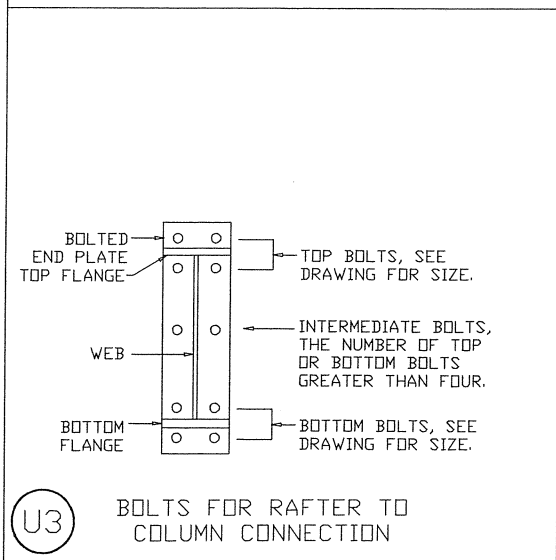
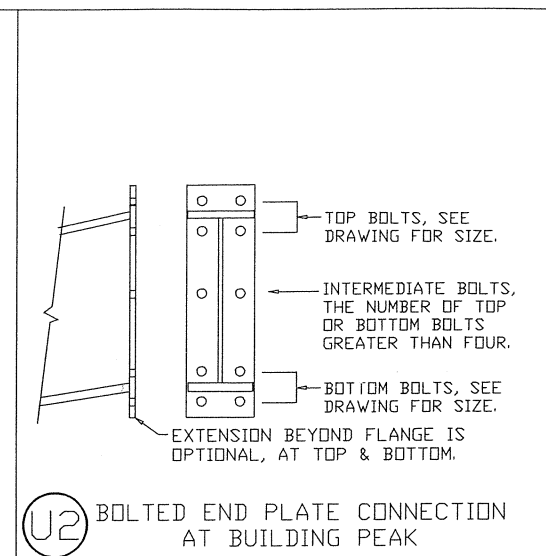
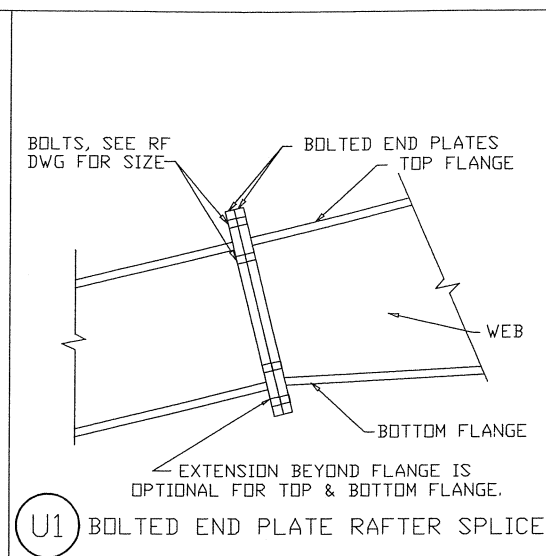
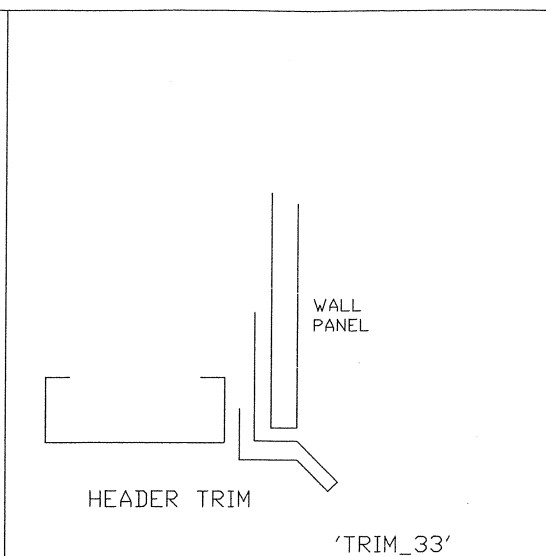
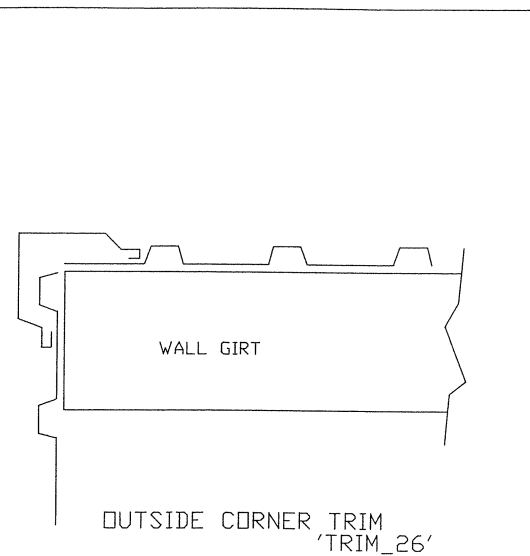
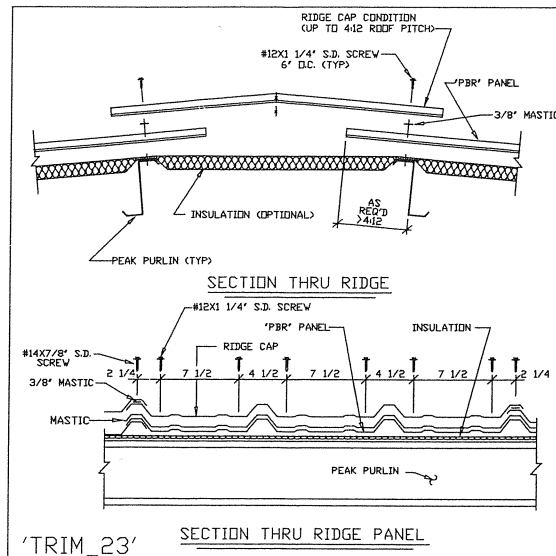


RAKE TRIM

'TRIM_18'

PIONEER STEEL AND PIPE

APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703		
SCALE : NONE	DRAWN BY :	CUSTOMER :	
DATE : 3/28/05	CADD BY :	Felix Pena 6560 N. Hwy 36 Buckharts, TX 76518	
BLDG. SIZE : 150'-0" x 300'-0" x 14'-0"			
DRAWING : Detail Page	JOB # 2442	DWG #	ISSUE



PIONEER STEEL AND PIPE

APPROVED BY :	913 SO. LOOP WACO, TEXAS 76703		
SCALE : NONE	DRAWN BY :	CUSTOMER :	
DATE : 3/28/05	CADD BY :	Felix Pena	
BLDG. SIZE : 150'-0" x 300'-0" x 14'-0"	6560 N. Hwy 36 Buckholts, TX 76518		
DRAWING :	JOB #	DWG #	ISSUE
Detail Page	2442		☐