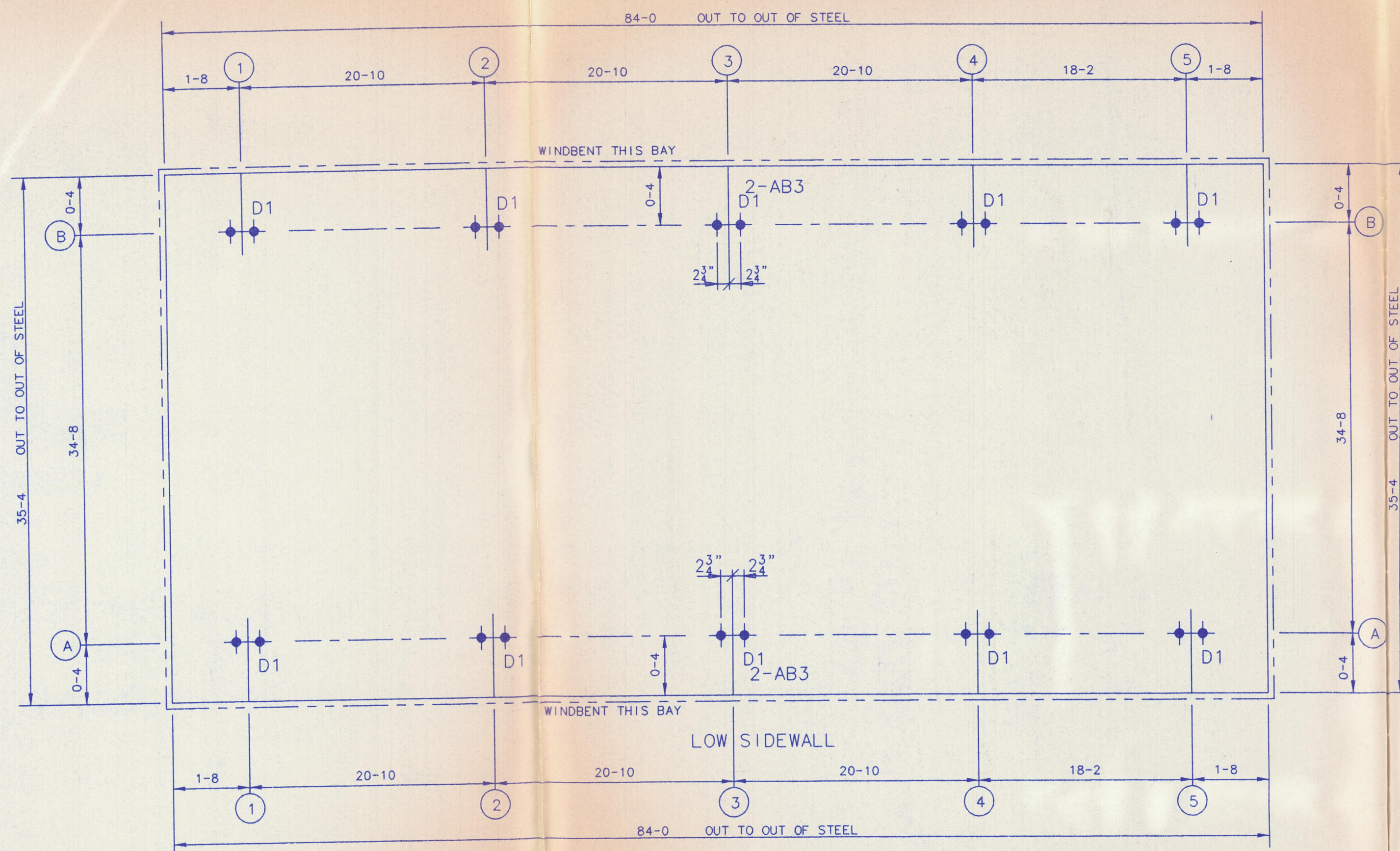
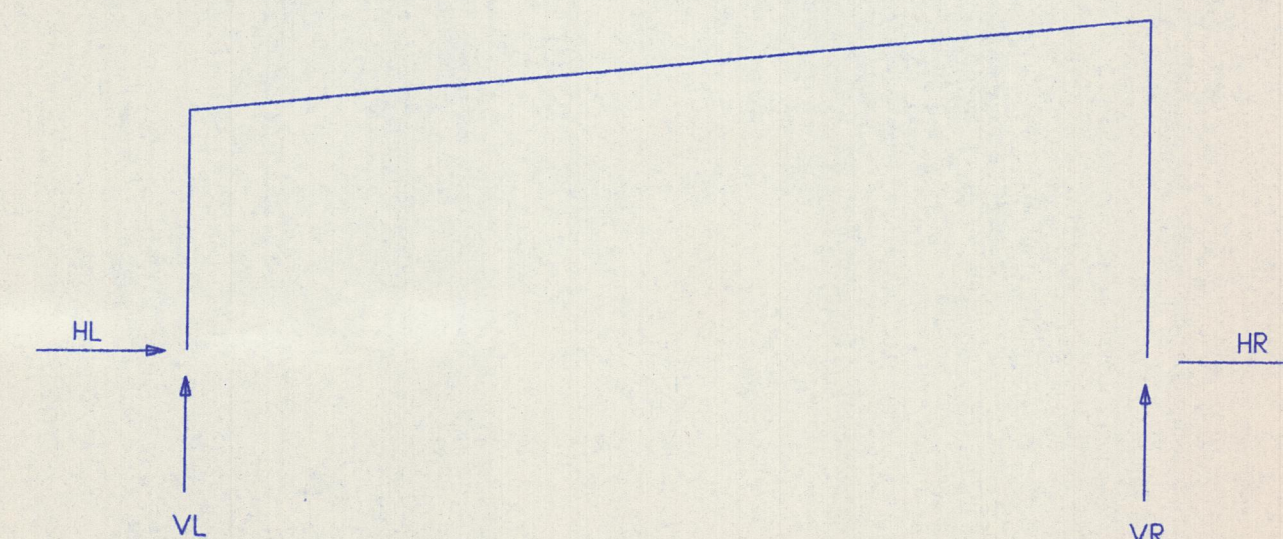
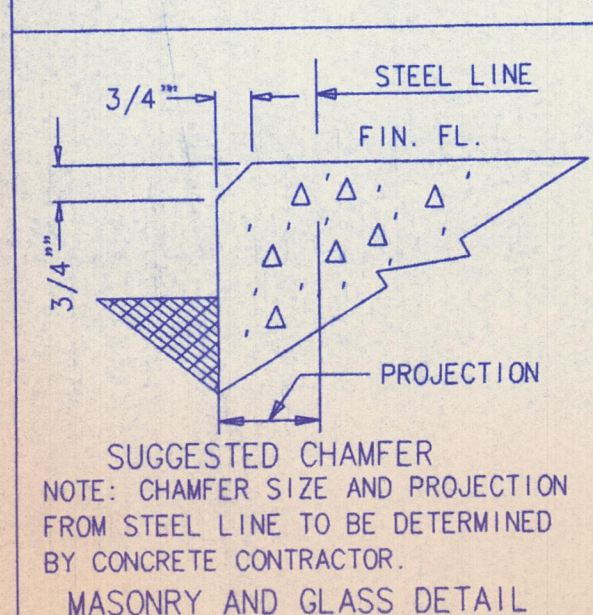


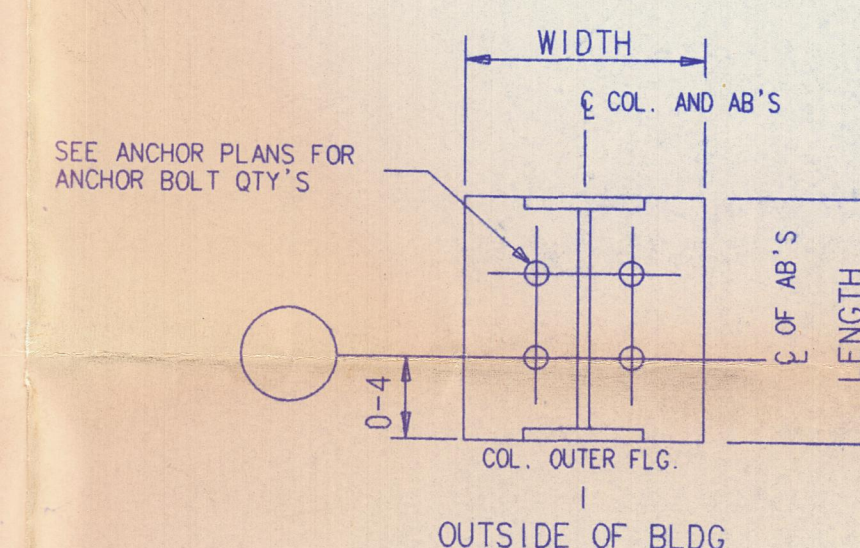
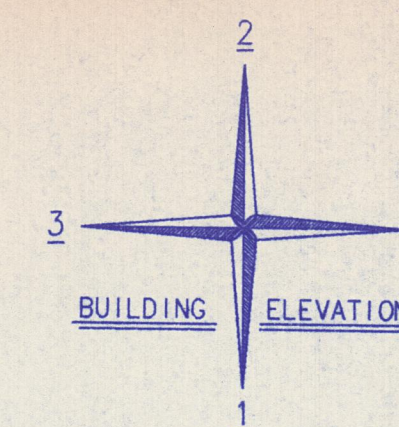


ANCHOR BOLT SETTING PLAN
 ASSUMED FINISHED FLOOR ELEVATION = 782.67'
 SEE CHART FOR ANCHOR BOLT DETAILS



FRAME REACTIONS AT COLUMN LINES #1, 2, 3, 4, 5				
LOAD	HL	VL	HR	VR
DEAD	0.30	1.25	-0.30	1.28
LIVE	2.66	9.98	-2.67	9.98
WIND ₂	-2.44	-9.40	2.12	-8.55
WIND ₁	-1.33	-8.07	3.14	-9.88
WEND	-1.79	-7.82	2.38	-8.20

ANCHOR BOLT DETAIL CHART			
DETAIL	QTY/MARK	PITCH	GAGE
D1	2-AB3		5 1/2"



BASE PLATE ORIENTATION		
BASE PLATE SIZES		
DETAIL	WIDTH	LENGTH
D1	0-8	0-8

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QTY.	MARK	DIA.	PROJ./THREAD
	AB1	1/2"	3"
20	AB3	3/4"	3"
	AB4	7/8"	3"
	AB5	1"	4"
	AB6	1 1/8"	4"
	AB7	1 1/4"	4"
	1/2" DIA. NUTS		
20	3/4" DIA. NUTS		
	7/8" DIA. NUTS		
	1" DIA. NUTS		
	1 1/8" DIA NUTS		
	1 1/4" DIA NUTS		

DESIGN CRITERIA	
1982 ANSI	
25 PSF LIVE LOAD PRIMARY	
25 PSF LIVE LOAD SECONDARY	
10 PSF GROUND SNOW LOAD	
(EXPOSURE FACTOR = 0.7)	
80 MPH WIND LOAD (EXP. = C)	
SEISMIC ZONE 2	
BUILDING USE CATEGORY III	

103 SOUTH CHURCH STREET	
CYNTHIANA, KY 41031	
HARRIMAN UTILITIES BOARD	
MARGROVE DRIVE	
HARRIMAN, TN	
SSRF 35-4 X 84-0 X 10-5 LSW EH	
.50 TO 12 SLOPE	

NO.	DATE	REVISION

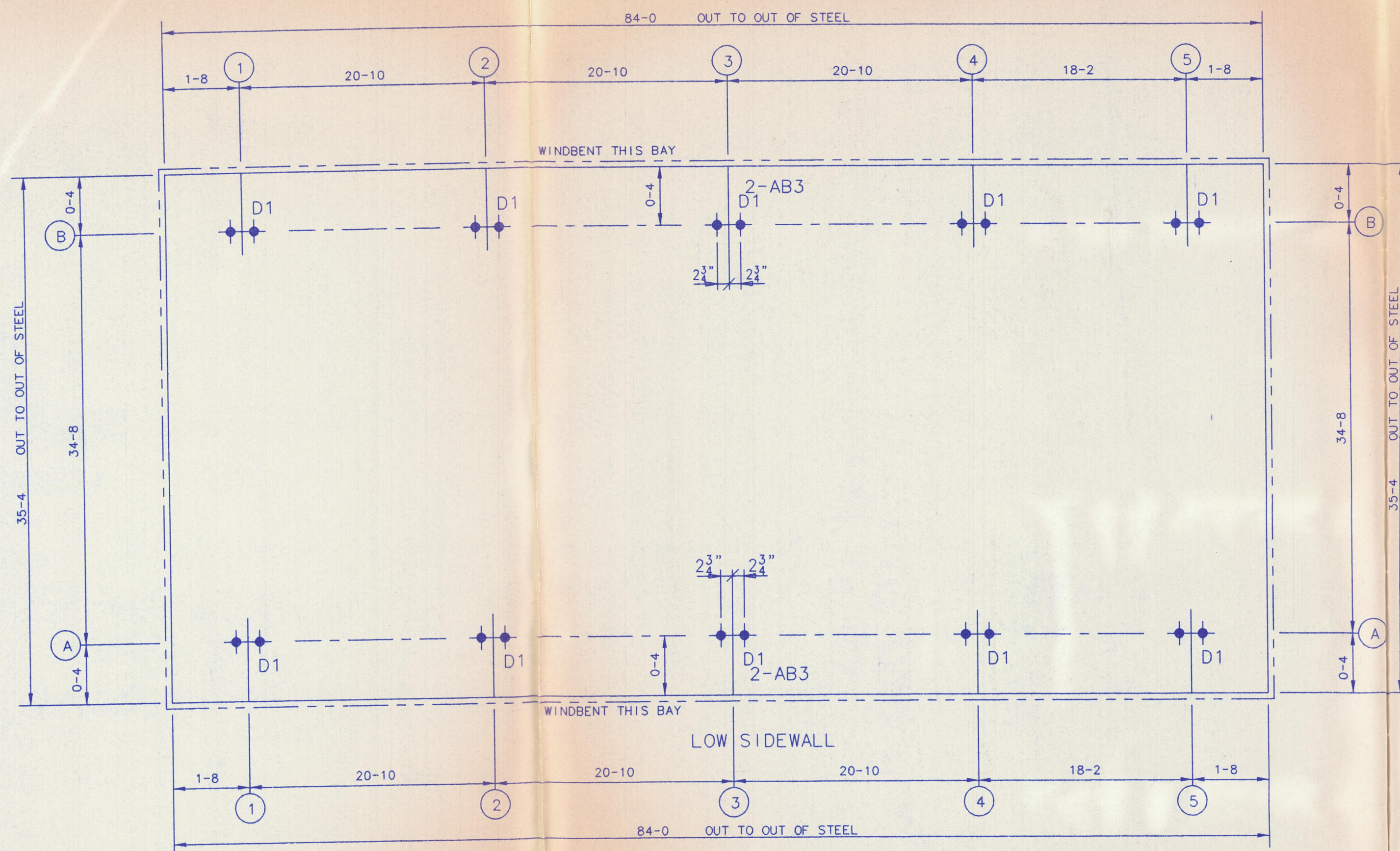
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12.16.93	CYNTHIANA, KY 41031
CHECKED	
P.B.	HARRIMAN UTILITIES BOARD
12.12.93	MARGROVE DRIVE
APPROVED	
	HARRIMAN, TN
	SSRF 35-4 X 84-0 X 10-5 LSW EH
	.50 TO 12 SLOPE



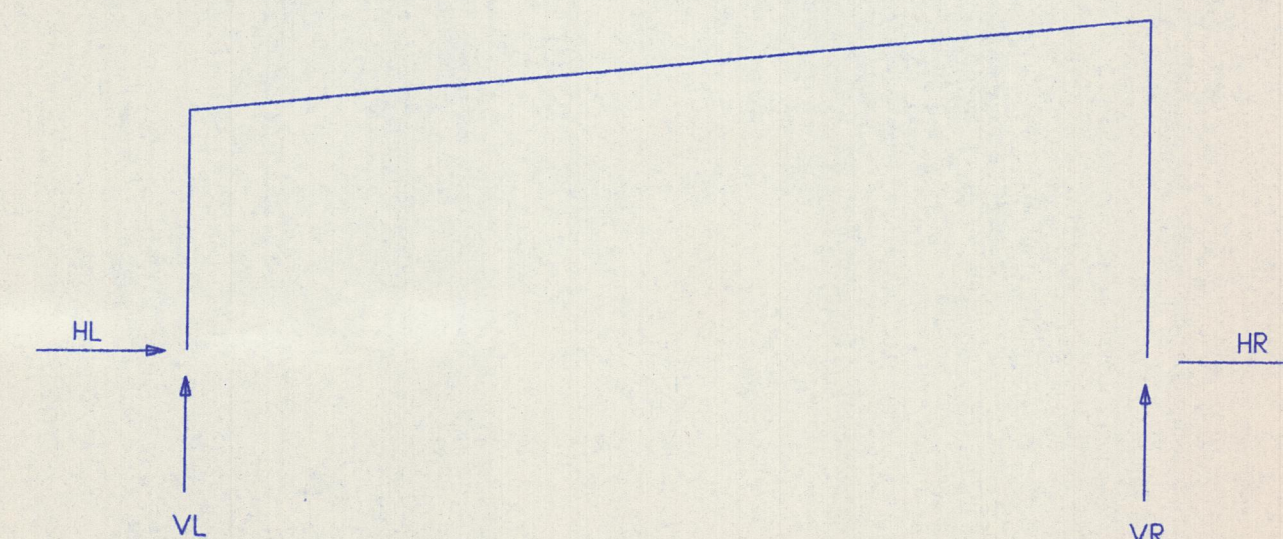
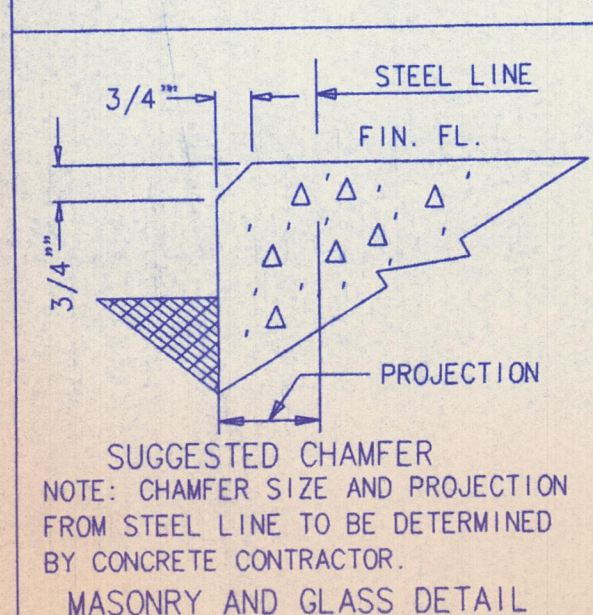
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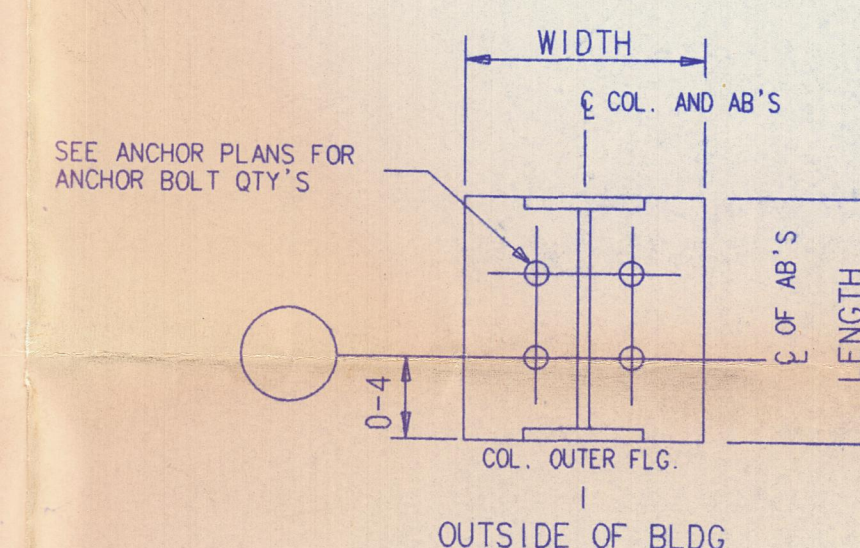
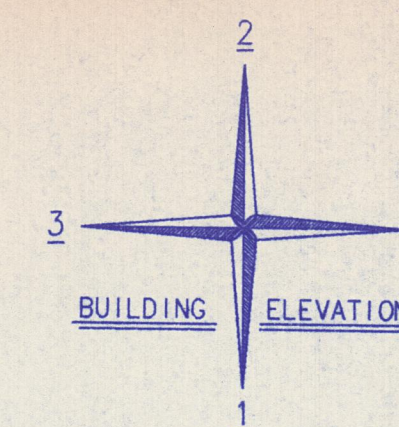


ANCHOR BOLT SETTING PLAN
 ASSUMED FINISHED FLOOR ELEVATION = 782.67'
 SEE CHART FOR ANCHOR BOLT DETAILS



FRAME REACTIONS AT COLUMN LINES #1, 2, 3, 4, 5				
LOAD	HL	VL	HR	VR
DEAD	0.30	1.25	-0.30	1.28
LIVE	2.66	9.98	-2.67	9.98
WIND ₂	-2.44	-9.40	2.12	-8.55
WIND ₁	-1.33	-8.07	3.14	-9.88
WEND	-1.79	-7.82	2.38	-8.20

ANCHOR BOLT DETAIL CHART			
DETAIL	QTY/MARK	PITCH	GAGE
D1	2-AB3		5 1/2"



BASE PLATE ORIENTATION		
DETAIL	WIDTH	LENGTH
D1	0-8	0-8

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QTY.	MARK	DIA.	PROJ. / THREAD
	AB1	1/2"	3"
20	AB3	3/4"	3"
	AB4	7/8"	3"
	AB5	1"	4"
	AB6	1 1/8"	4"
	AB7	1 1/4"	4"
	1/2" DIA. NUTS		
20	3/4" DIA. NUTS		
	7/8" DIA. NUTS		
	1" DIA. NUTS		
	1 1/8" DIA NUTS		
	1 1/4" DIA NUTS		

DESIGN CRITERIA	
1982 ANSI	
25 PSF LIVE LOAD PRIMARY	
25 PSF LIVE LOAD SECONDARY	
10 PSF GROUND SNOW LOAD	
(EXPOSURE FACTOR = 0.7)	
80 MPH WIND LOAD (EXP. = C)	
SEISMIC ZONE 2	
BUILDING USE CATEGORY III	

103 SOUTH CHURCH STREET	
CYNTHIANA, KY 41031	
HARRIMAN UTILITIES BOARD	
MARGROVE DRIVE	
HARRIMAN, TN	
SSRF 35-4 X 84-0 X 10-5 LSW EH	
.50 TO 12 SLOPE	

NO.	DATE	REVISION

DRAWN BY	QTY.	MARK	DIA.	PROJ. / THREAD
KMS	12	16	93	
CHECKED				
P.B.				
APPROVED				

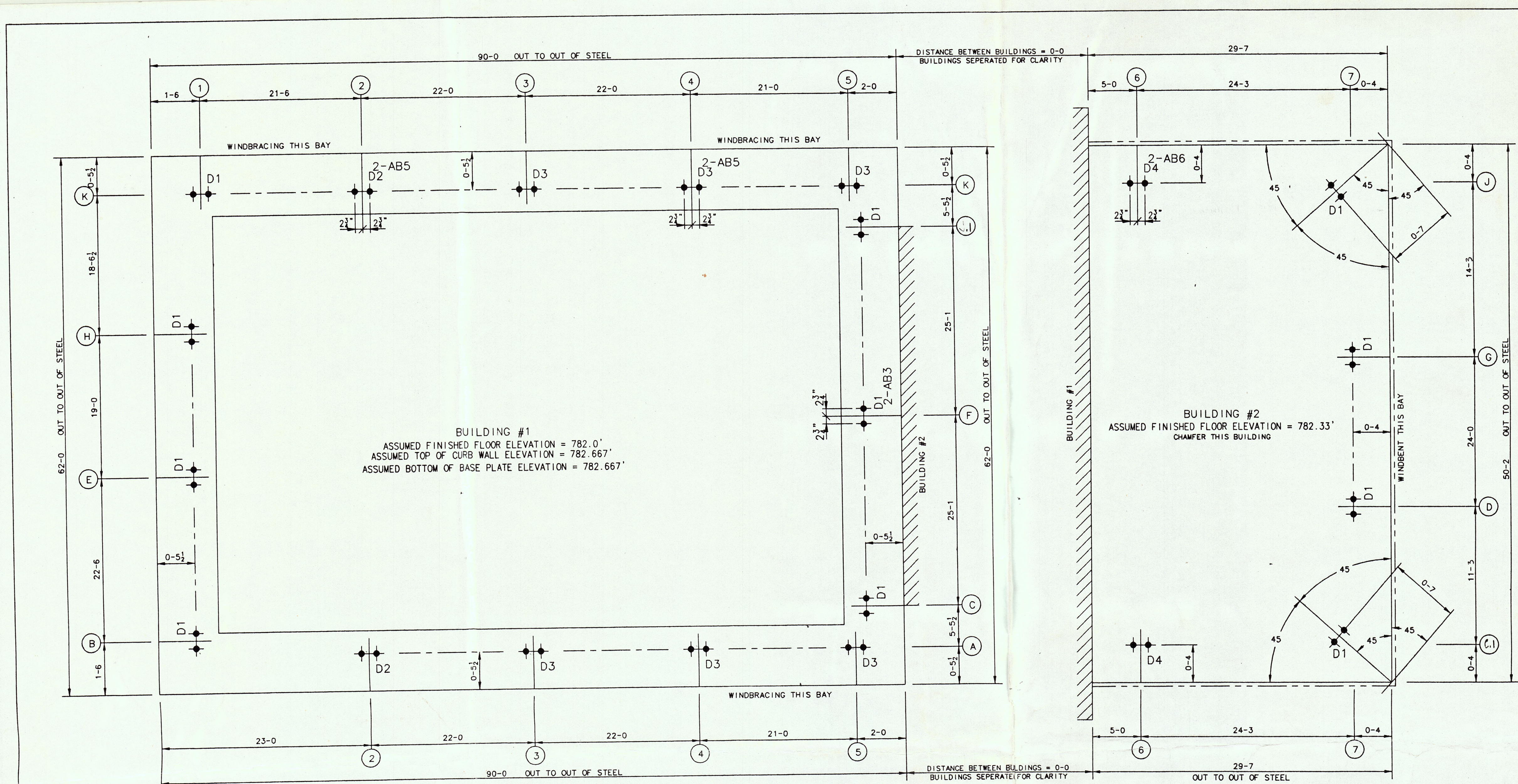
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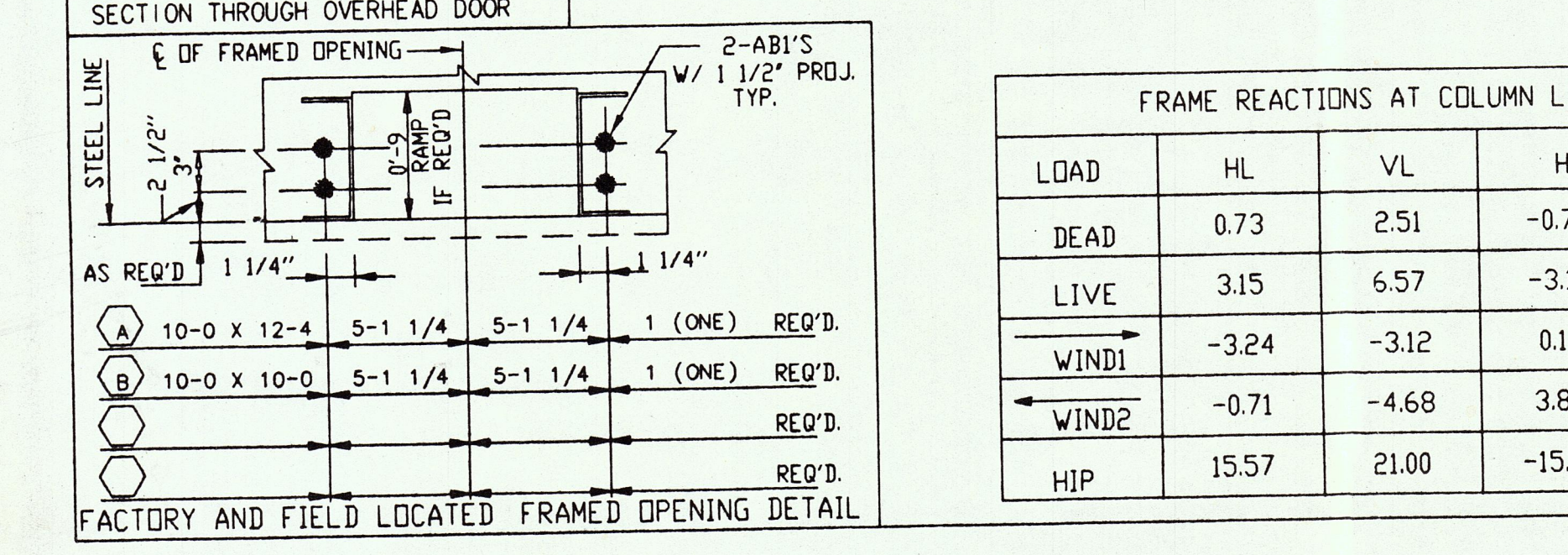
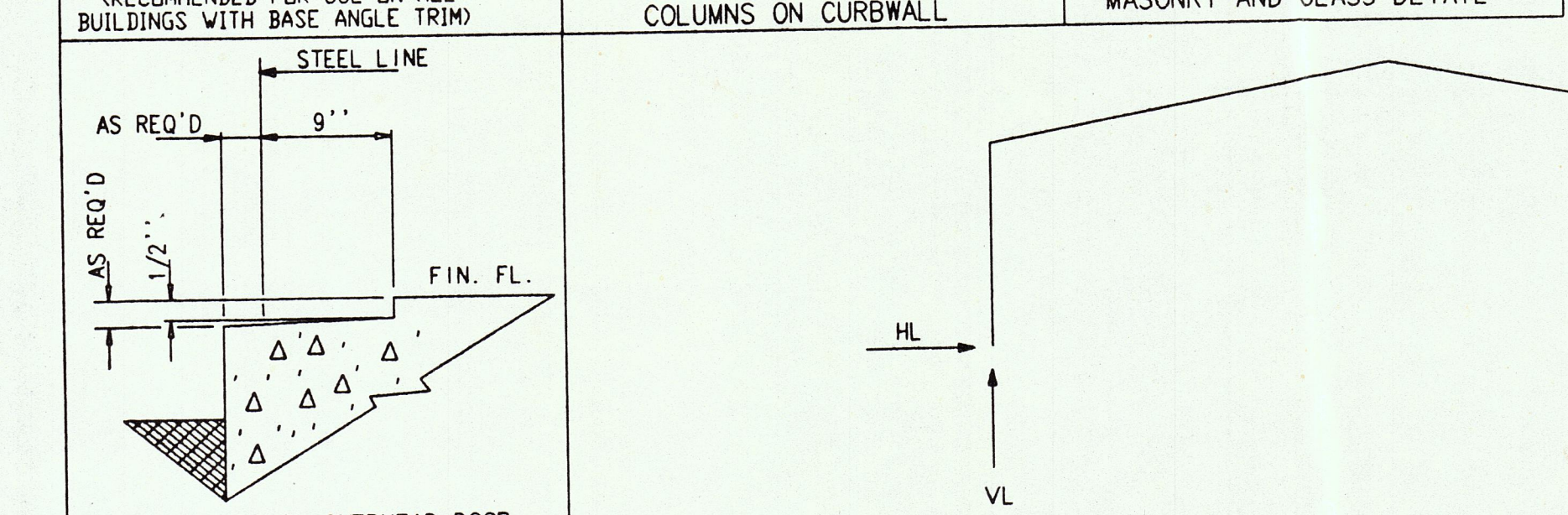
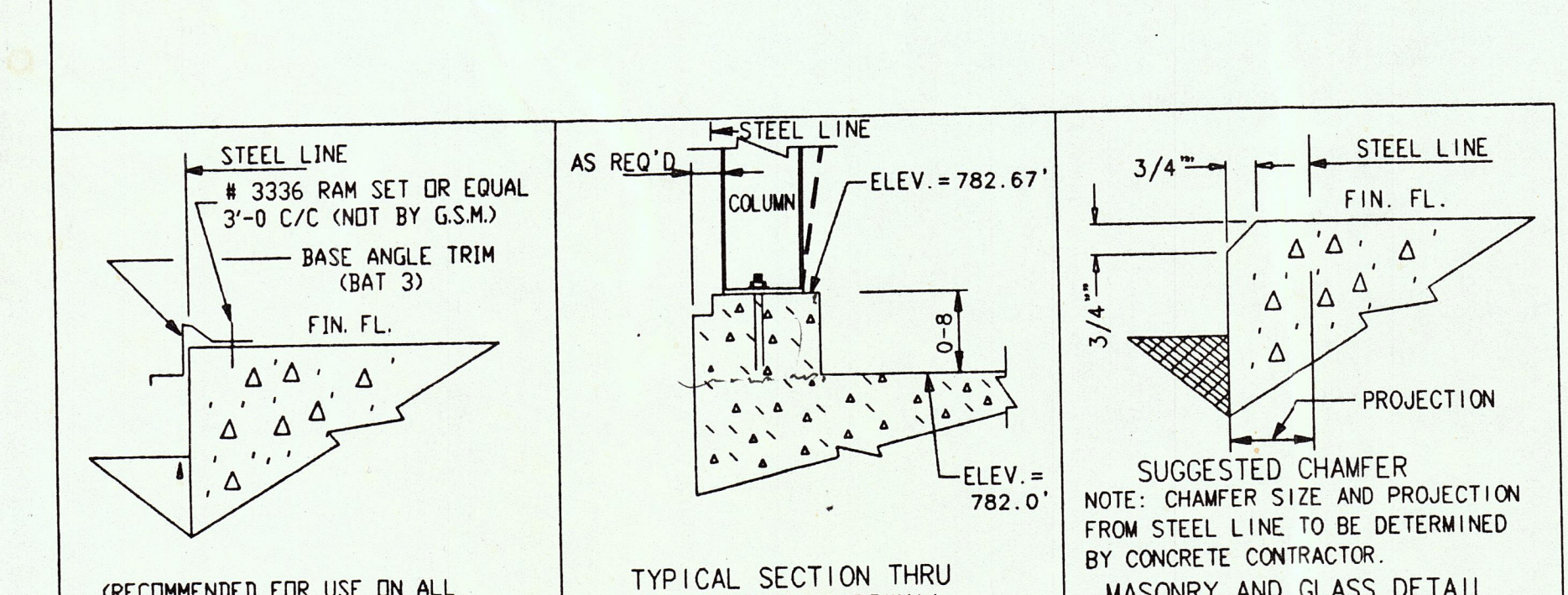
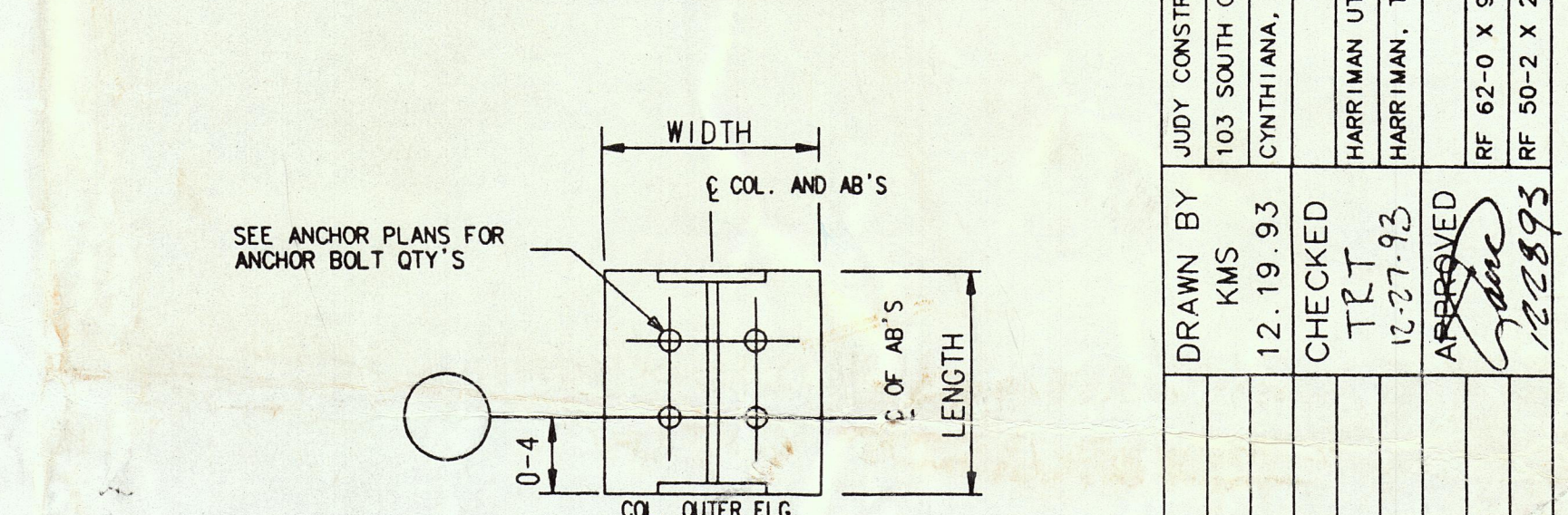


ANCHOR BOLT DETAIL CHART				QTY.	MARK	DIA.	PROJ.
DETAIL	QTY/MARK	PITCH	GAGE				THREAD
D1	2-AB3		5 1/2"	16	AB3	1/2"	3"
D2	2-AB5		5 1/2"	22	AB5	3/4"	3"
D3	2-AB5		5 1/2"	16	AB5	7/8"	3"
D4	2-AB6		5 1/2"	4	AB6	1 1/8"	4"
				4	AB7	1 1/4"	4"
				8		1/2" DIA. NUTS	
				22		3/4" DIA. NUTS	
				16		7/8" DIA. NUTS	
				4		1" DIA. NUTS	
				4		1 1/8" DIA NUTS	
						1 1/4" DIA NUTS	

DESIGN CRITERIA			
1982 ANSI	103 SOUTH CHURCH STREET	CYNTHIANA, KY	
25 PSF LIVE LOAD PRIMARY			
25 PSF LIVE LOAD SECONDARY			
10 PSF DEAD LOAD (EXP. = 0)			
3 PSF COLLATERAL LOAD			
3 PSF COLLATERAL LOAD			
FRAME LINES #3-5 ON BLDG.			
FRAME LINES #3-5 ON BLDG.			
MONORAIL			

FRAME REACTIONS AT HIP RAFTER		
LOAD	H1	V1
DEAD	0.02	2.23
LIVE	0.16	20.70
WIND2	-2.60	-17.38
WIND2	3.30	-17.59

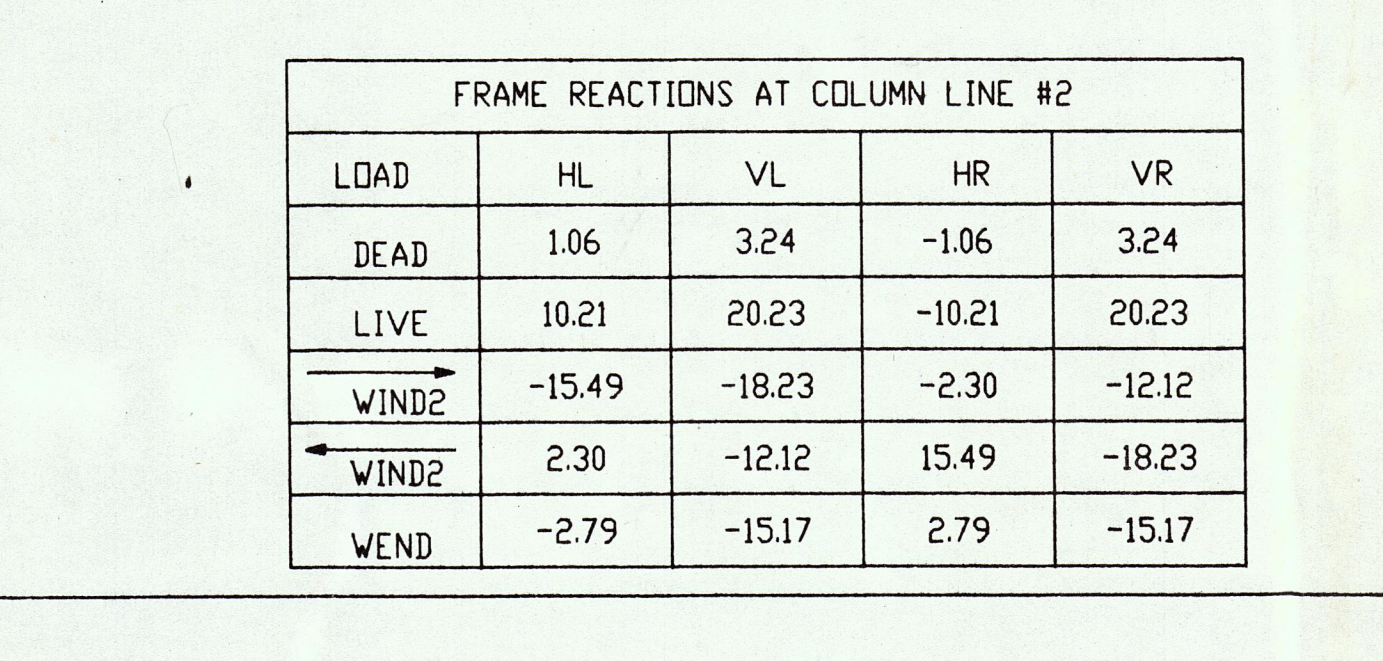
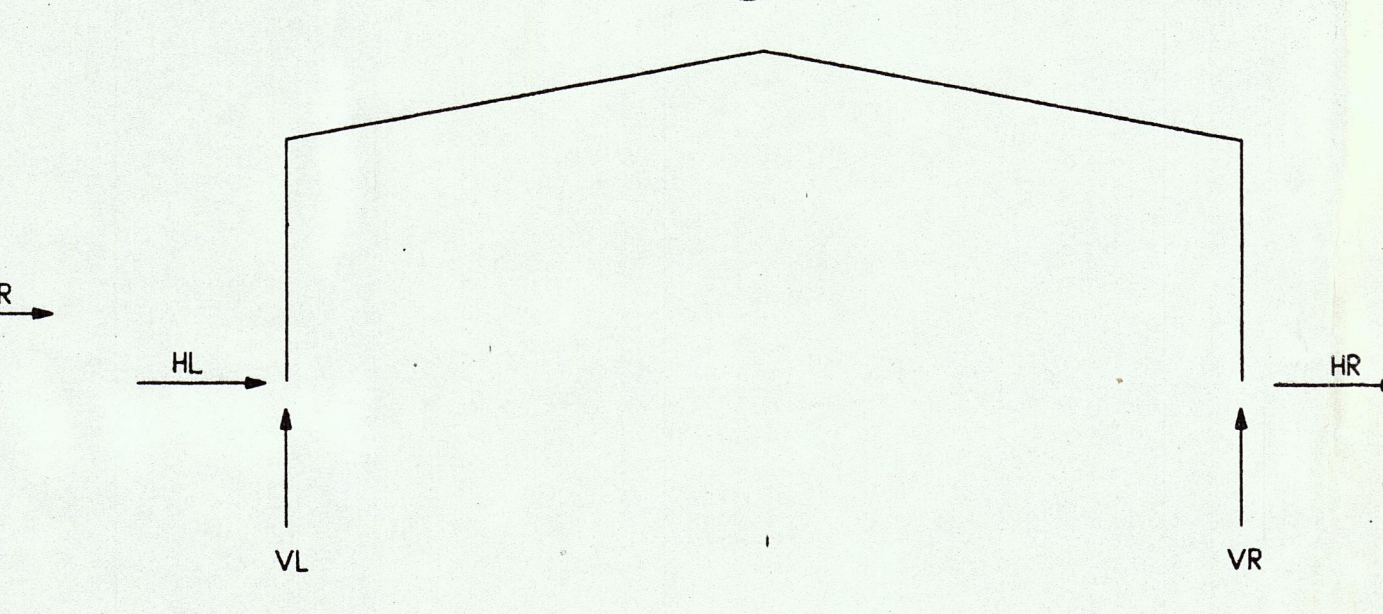
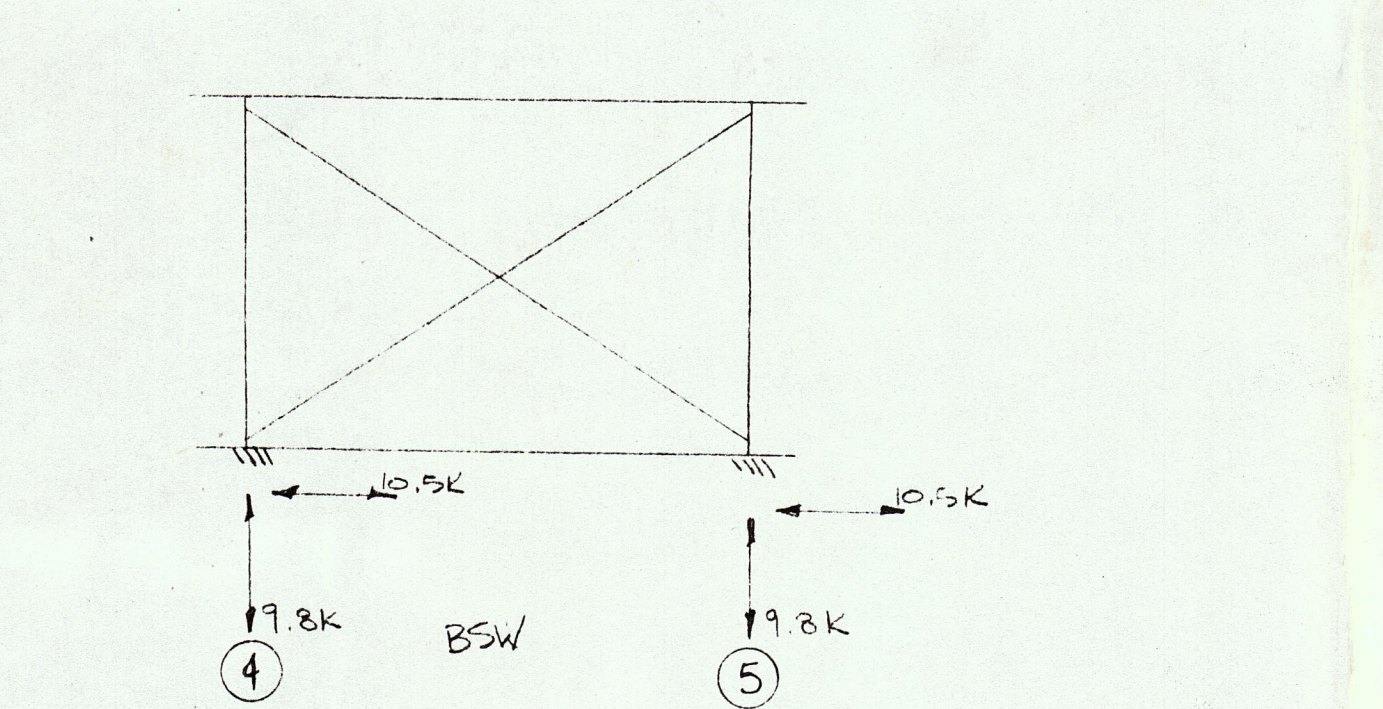
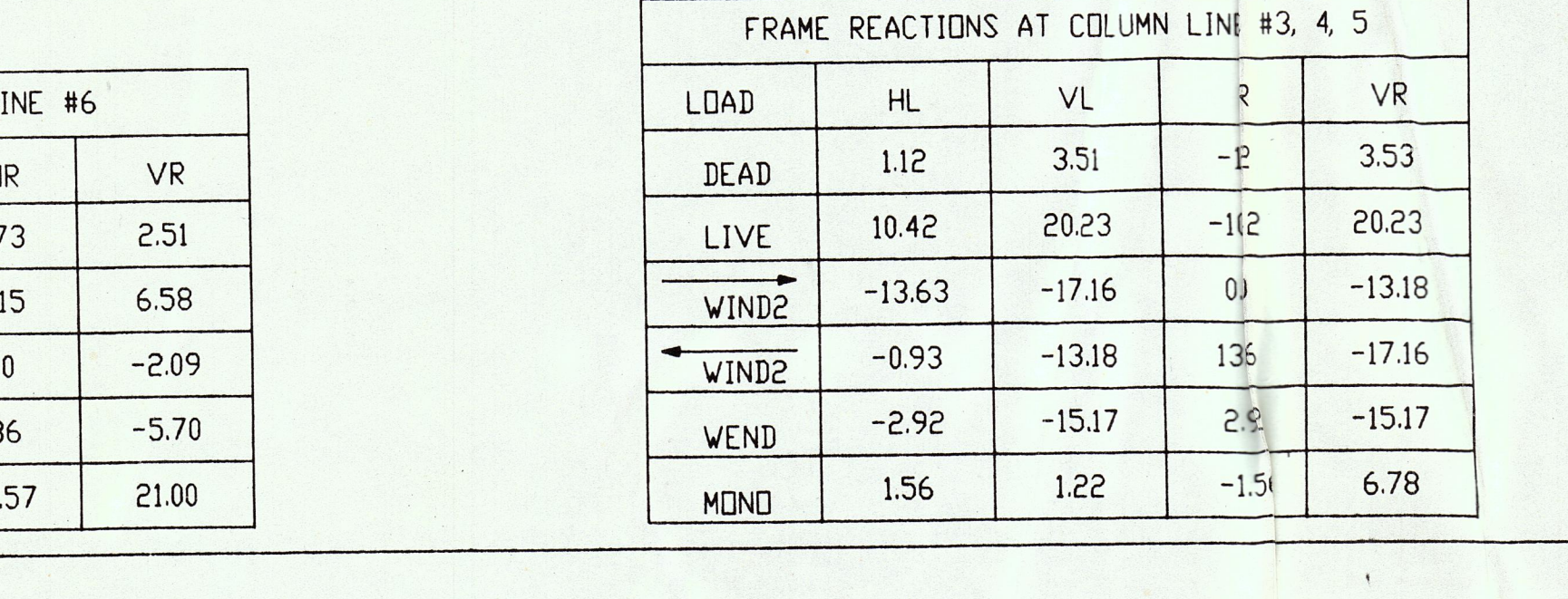
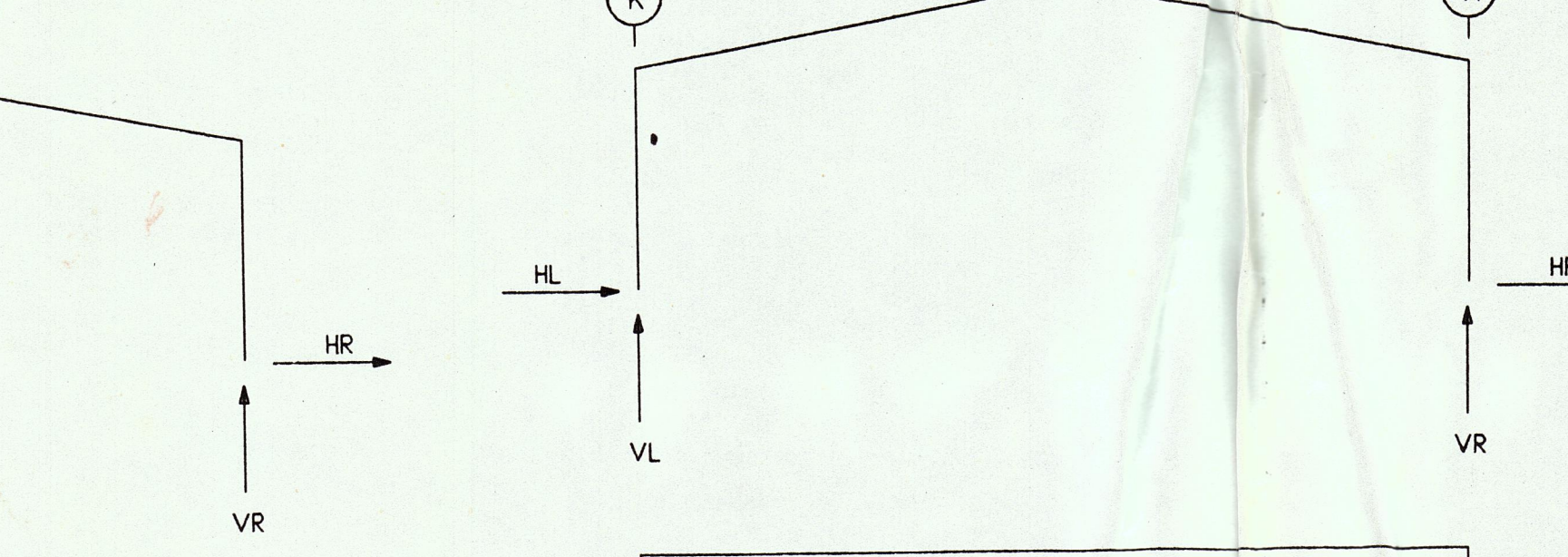
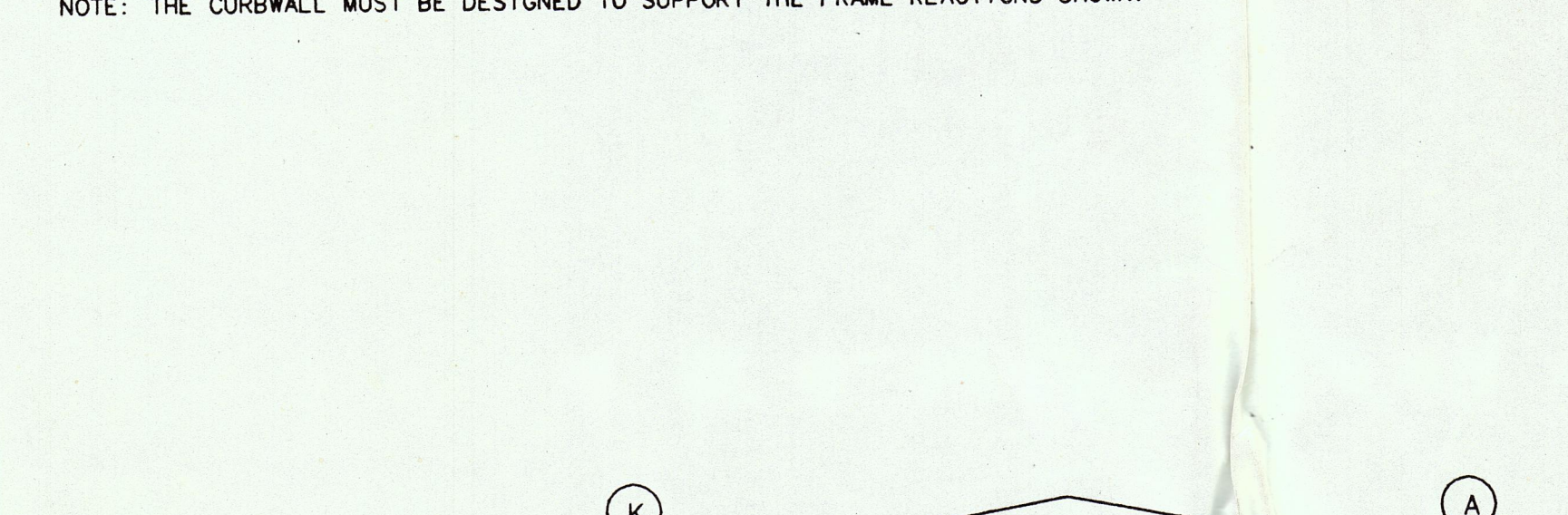
BASE PLATE ORIENTATION		
DETAIL	WIDTH	LENGTH
D1	0-8	0-8
D2	0-10	1-0
D3	1-0	1-0
D4	1-0	0-8



ANCHOR BOLT SETTING PLAN

SEE CHART FOR ANCHOR BOLT DETAILS

NOTE: THE CURB WALL MUST BE DESIGNED TO SUPPORT THE FRAME REACTIONS SHOWN.



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