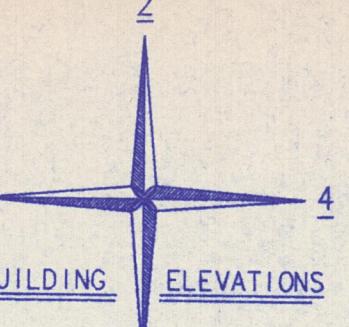


QTY.	MARK	DIA	PROPS THREAD
20	AB1	1/2"	3"
20	AB3	3/4"	3"
	AB4	7/8"	3"
	AB5	1"	4"
	AB6	1 1/4"	4"
	AB7	1 1/4"	4"
		1/2" DIA. NUTS	
20		3/4" DIA. NUTS	
		7/8" DIA. NUTS	
		1" DIA. NUTS	
		1 1/8" DIA NUTS	
		1 1/4" DIA NUTS	



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	

12-12-93

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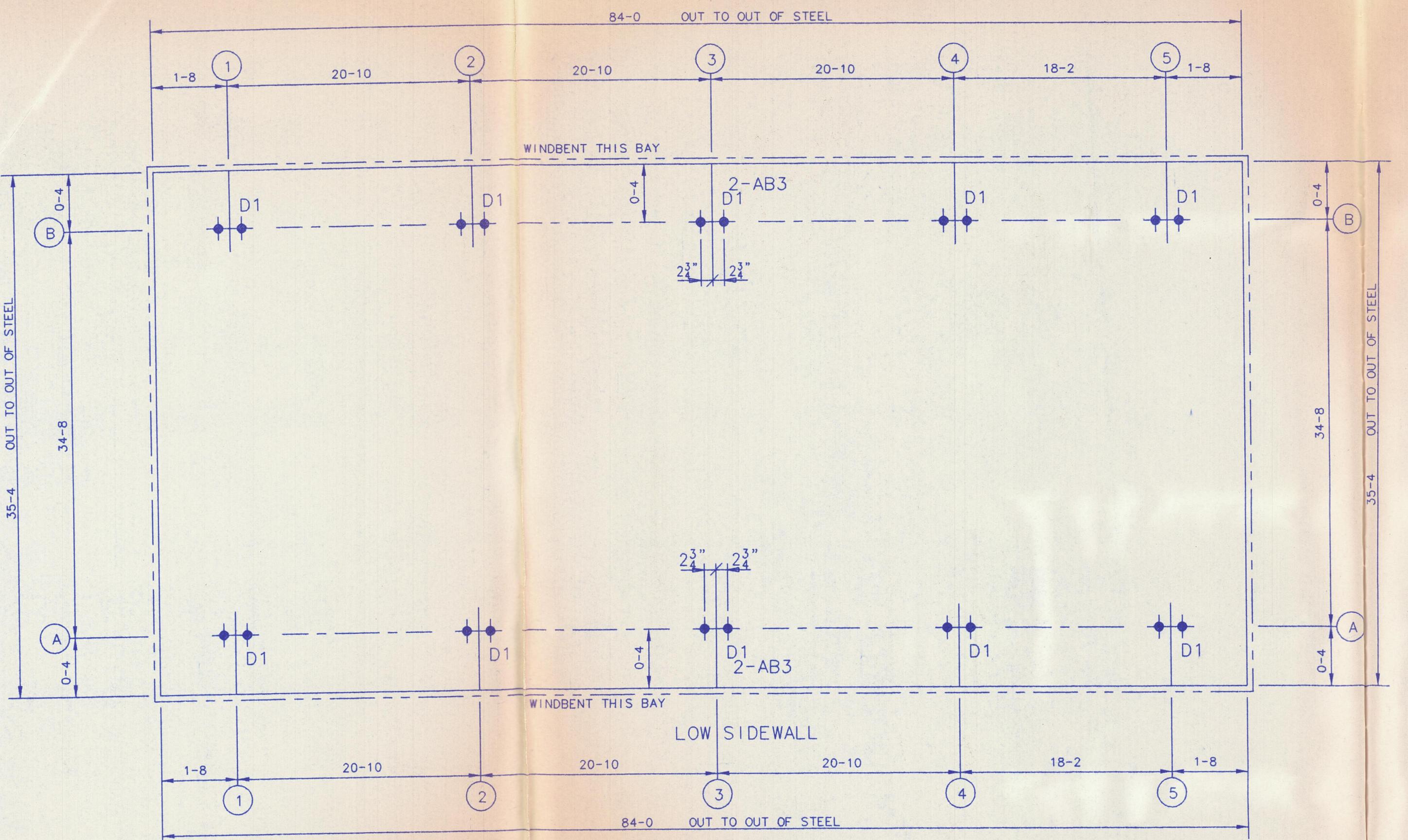
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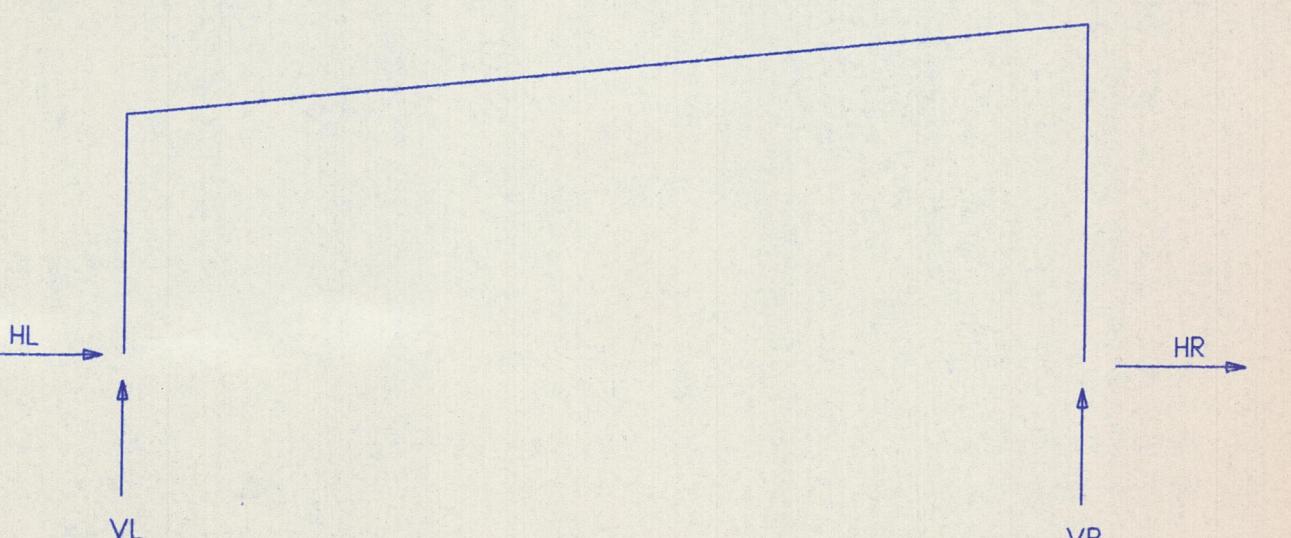
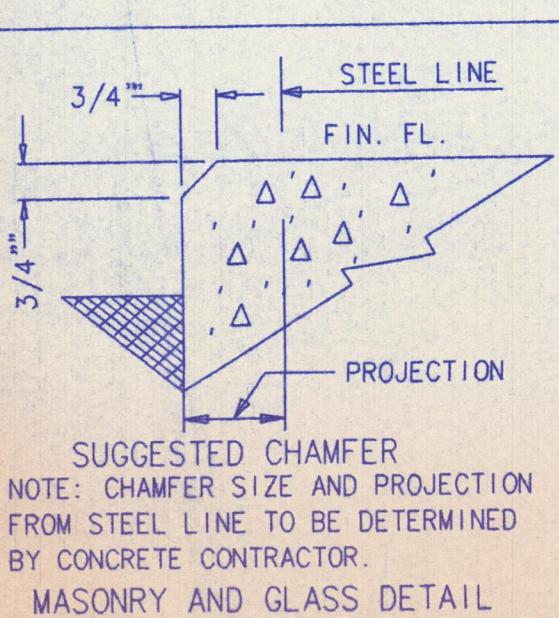
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12-12-93



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
WIND2	-2.44	-9.40	2.12	-8.55
WIND2	-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"	

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

QTY.	MARK	DIA	PROPS THREAD
20	AB1	1/2"	3"
20	AB3	3/4"	3"
	AB4	7/8"	3"
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	AB6	1 1/4"	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	

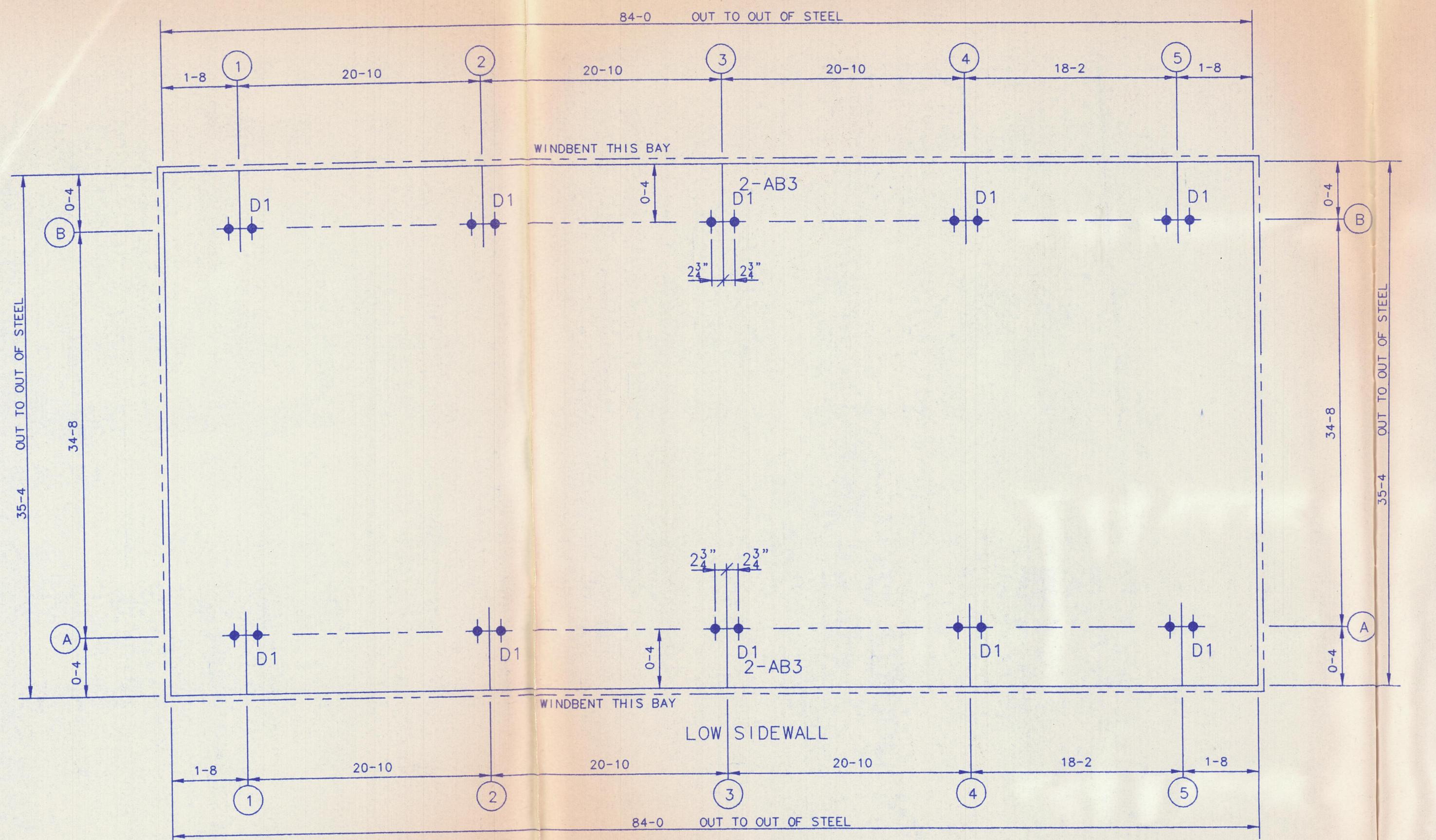
QTY.	MARK	DIA	PROPS THREAD
20	AB1	1/2"	3"
20	AB3	3/4"	3"
	AB4	7/8"	3"
	AB5	1"	4"
	AB6	1 1/4"	4"
	AB7	1 1/4"	4"
		1/2" DIA. NUTS	
20		3/4" DIA. NUTS	
		7/8" DIA. NUTS	
		1" DIA. NUTS	
		1 1/8" DIA NUTS	
		1 1/4" DIA NUTS	

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	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	

QTY.	MARK	DIA	PROPS THREAD
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	AB4	7/8"	3"
	AB5	1"	4"
	AB6	1 1/4"	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	

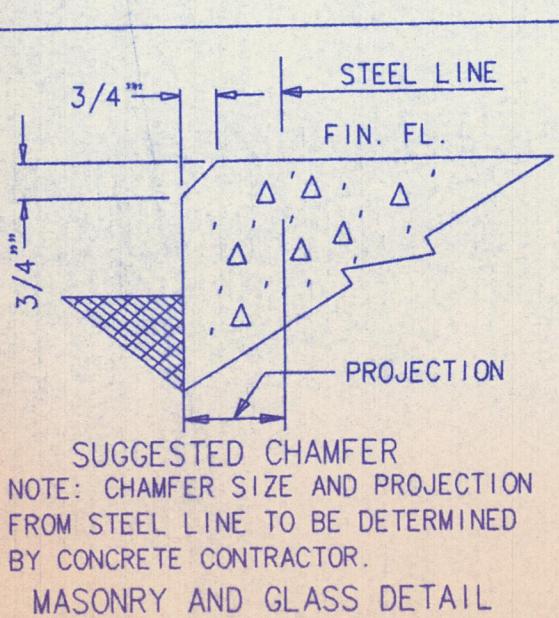
QTY.	MARK	DIA	PROPS THREAD
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20	AB3	3/4"	3"
	AB4	7/8"	3"
	AB5	1"	4"
	AB6	1 1/4"	4"
	AB7	1 1/4"	4"
		1/2" DIA. NUTS	
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	AB5	1"	4"
	AB6		

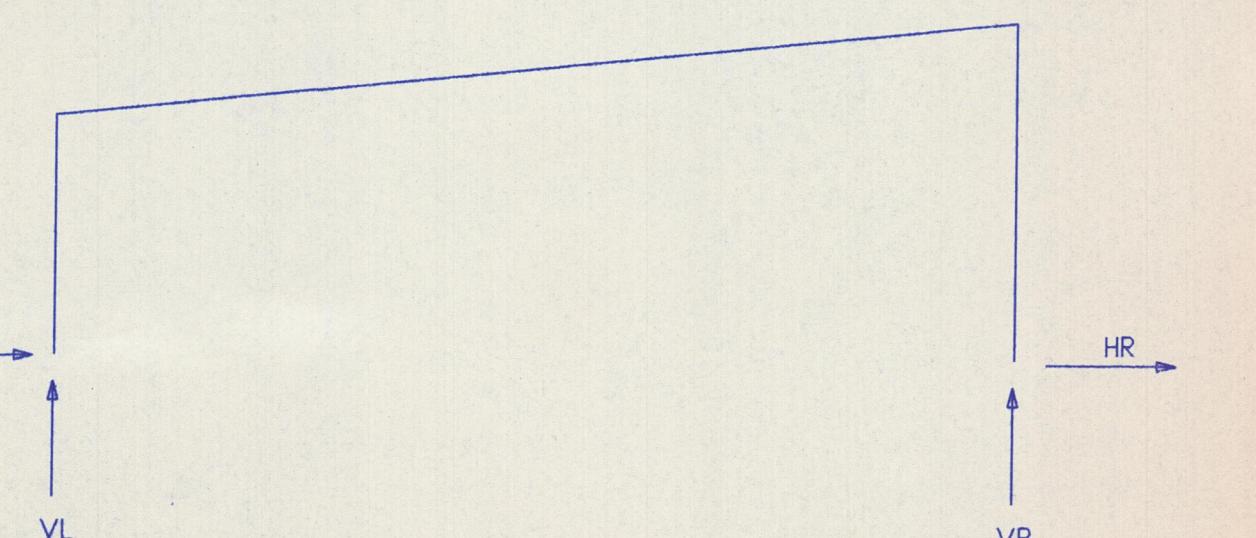


ANCHOR BOLT SETTING PLAN

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



FRAME REACTIONS AT COLUMN LINES #1, 2, 3, 4, 5				
AD	HL	VL	HR	VR
EAD	0.30	1.25	-0.30	1.28
VE	2.66	9.98	-2.67	9.98
ND2	-2.44	-9.40	2.12	-8.55
ND2	-1.33	-8.07	3.14	-9.88
CND	-1.79	-7.82	2.38	-8.20



ERAL NOTES:

- GENERAL NOTES.

THIS PLAN IS FOR THE LAYOUT AND SETTING OF ANCHOR BOLTS ONLY. THE FOUNDATION DESIGN PROFESSIONAL SHOULD REVIEW AND INCORPORATE THIS PLAN INTO THE FOUNDATION DESIGN AND DETAILS.

THE FOUNDATION MUST BE DESIGNED TO RESIST REACTIONS SHOWN ON THIS PLAN OR PROVIDED RIGID FRAME CALCULATIONS.

SPRINGS AND/OR CROSSTIE REINFORCEMENT IS A SUGGESTED METHOD OF TRANSFERRING THE HORIZONTAL BUILDING REACTIONS INTO THE FOUNDATION. THE FOUNDATION DESIGN PROFESSIONAL SHOULD SELECT AND DESIGN AN ADEQUATE MEANS OF HORIZONTAL LOAD TRANSFER AND PROPERLY INCORPORATE IT INTO THE FOUNDATION.

ALL DIMENSIONS ARE BUILDING STEEL DIMENSIONS. REQUIREMENTS FOR SHEETING NOTCHES, BRICK LEDGES, CAMFERS, ETC. MUST BE ACCOUNTED FOR BY OTHERS.

HOSSHATCHED (//) AREAS INDICATE ACCESSORIES.

ACCOMPANYING DETAILS AND ANCHOR SETTINGS.

ITEMS IN THE FOUNDATION (I.E. ANCHOR BOLTS, SPRINGS, SHEAR ANGLES, ETC.) ARE TO BE FURNISHED CONCRETE CONTRACTOR UNLESS NOTED.

DIMENSIONS GOVERN. DRAWINGS ARE NOT TO SCALE.

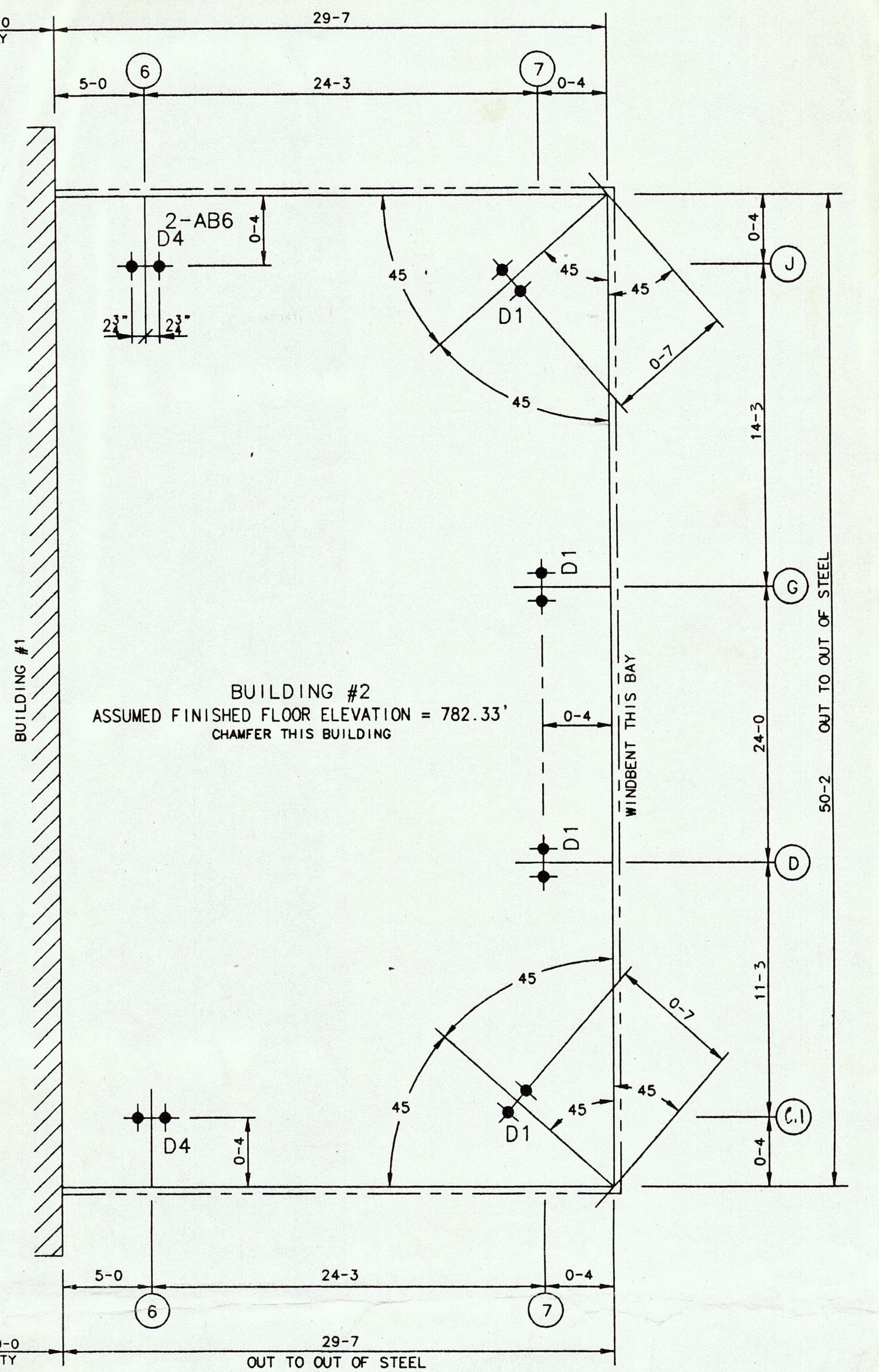
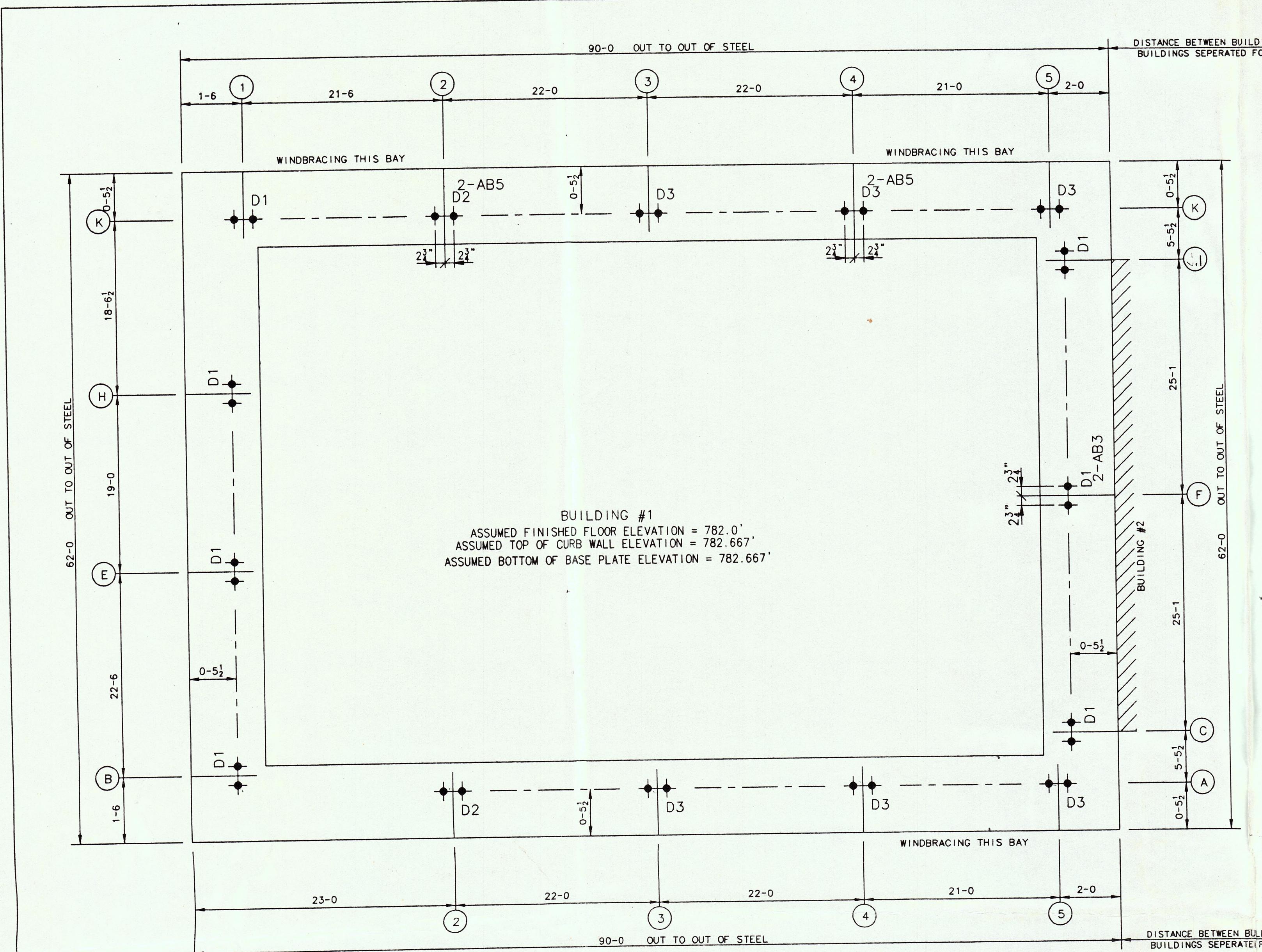
ANCHOR BOLTS HAVE 3" PROJECTION AND THREAD LENGTH UNLESS NOTED. ANCHOR BOLT SIZES ARE BASED ON A MATERIAL YIELD STRENGTH $F_y = 36$ KSI.



JOB NO.
25269-1

REVISION NO.

PAGE
B1 OF 1



ANCHOR BOLT DETAIL CHART				LNG.	QTY.	MARK	DIA.	PROJ. THREAD
TAIL	QTY/MARK	PITCH	GAGE					
1	2-AB3		5 1/2"	6"	8	AB1	1/2"	3"
2	2-AB5		5 1/2"	1'0"	22	AB3	3/4"	3"
3	2-AB5		5 1/2"	1'6"		AB4	7/8"	3"
4	2-AB6		5 1/2"	1'8"	16	AB5	1"	4"
					4	AB6	1 1/8"	4"
						AB7	1 1/4"	4"
					8	1/2" DIA. NUTS		
					22	3/4" DIA. NUTS		
						7/8" DIA. DUTS		
					16	1" DIA. NUTS		
					4	1 1/8" DIA NUTS		
						1 1/4" DIA NUTS		

1982 ANSI
 25 PSF LIVE LOAD PRIMARY
 25 PSF LIVE LOAD SECONDARY
 10 PSF GROUND SNOW (EXP. -)
 80 MPH WIND LOAD (EXP. -)
 SEISMIC ZONE 3
 3 PSF COLLATERAL LOAD
 BUILDING USE CATEGORY I
 FRAME LINES #3-5 ON BLDG ARE HEAVIED FOR A (2) TON
 MONORAIL

KMS	103 SOUTH CHURCH STREET		
12. 19. 93	CYNTHIANA, KY		
CHEKED	HARRIMAN UTILITIES BOARD		
TRT	HARRIMAN, TN		
12-27-93			
APPROVED <i>Mac</i>	RF 62-0 X 90-0 X 19-8 EH RF 50-2 X 29-7 X 12-0 EH	2 TO 12 SLOPE 3 TO 12 SLOPE	
	122893		

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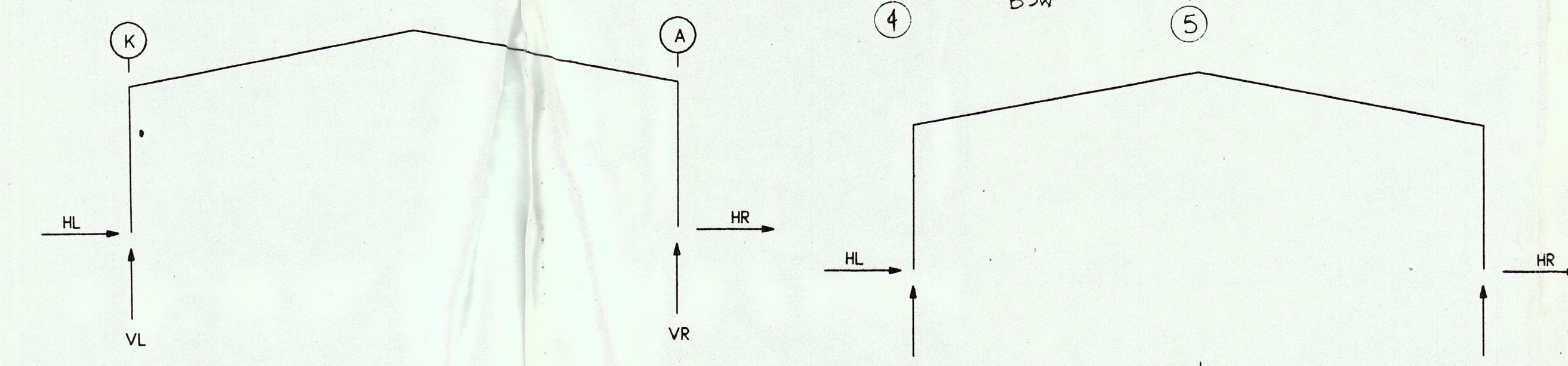
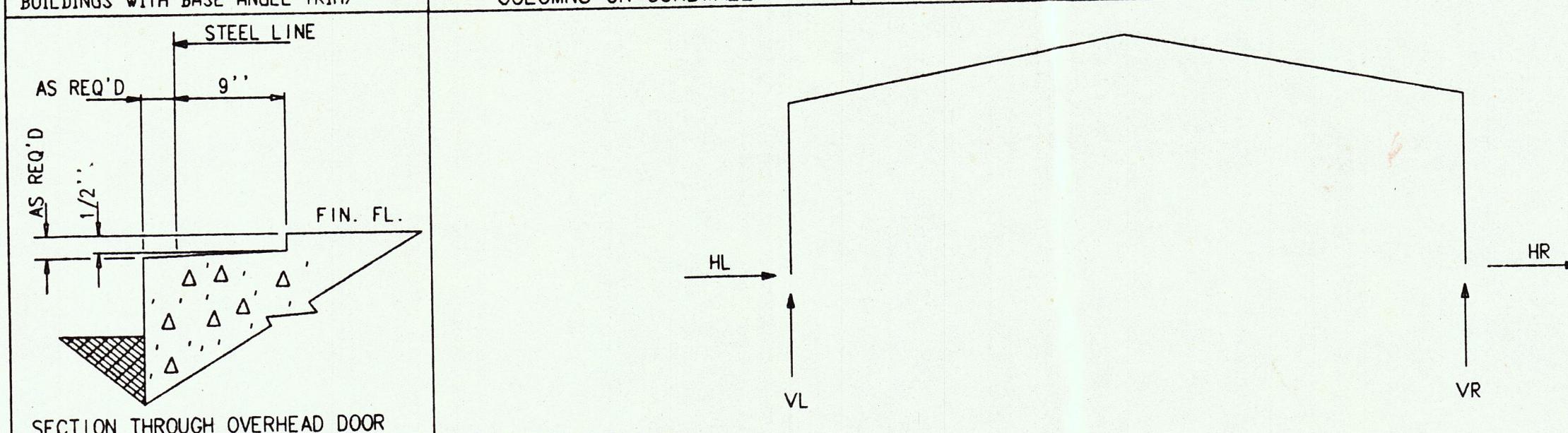
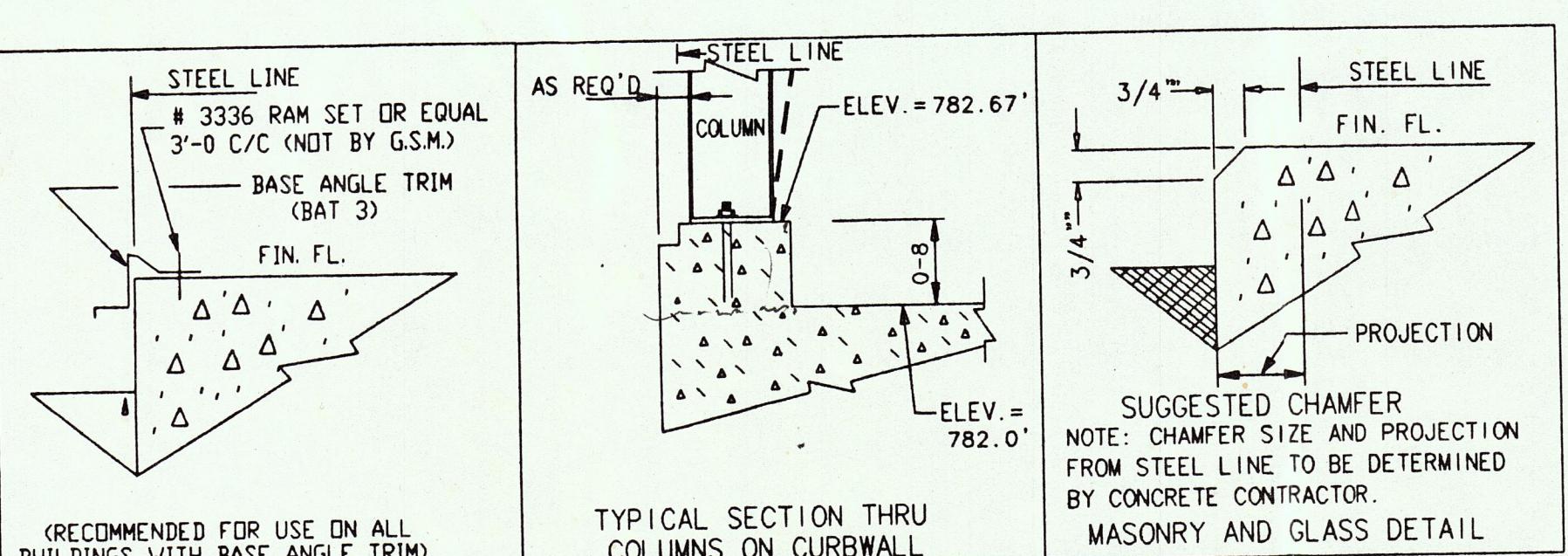
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ANCHOR BOLT SETTING PLAN

SEE CHART FOR ANCHOR BOLT DETAILS
NOTE - THE SIDEWALL MUST BE DESIGNED TO SUPPORT THE FRAME REACTIONS SHOWN.



FRAME REACTIONS AT COLUMN LINE #3, 4, 5				
LOAD	HL	VL	R	VR
DEAD	1.12	3.51	-12	3.53
LIVE	10.42	20.23	-102	20.23
→ WIND2	-13.63	-17.16	0	-13.18
← WIND2	-0.93	-13.18	136	-17.16
WEND	-2.92	-15.17	2.9	-15.17
MONO	1.56	1.22	-1.56	6.78

FRAME REACTIONS AT COLUMN LINE #2				
LOAD	HL	VL	HR	VR
DEAD	1.06	3.24	-1.06	3.24
LIVE	10.21	20.23	-10.21	20.23
WIND2	-15.49	-18.23	-2.30	-12.12
WIND2	2.30	-12.12	15.49	-18.23
WEND	-2.79	-15.17	2.79	-15.17

GENERAL NOTES:

- GENERAL NOTES.

THIS PLAN IS FOR THE LAYOUT AND SETTING OF ANCHOR BOLTS ONLY. THE FOUNDATION DESIGN PROFESSIONAL SHOULD REVIEW AND INCORPORATE THIS PLAN INTO THE FOUNDATION DESIGN AND DETAILS.

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HAIRPIN AND/OR CROSSTIE REINFORCEMENT IS A SUGGESTED METHOD OF TRANSFERRING THE HORIZONTAL BUILDING REACTIONS INTO THE FOUNDATION. THE FOUNDATION DESIGN PROFESSIONAL SHOULD SELECT AND DESIGN AN ADEQUATE MEANS OF HORIZONTAL LOAD TRANSFER AND PROPERLY INCORPORATE IT INTO THE FOUNDATION.

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CROSSHATCHED (//) AREAS INDICATE ACCESSORIES. SEE ACCOMPANYING DETAILS AND ANCHOR SETTINGS.

ITEMS IN THE FOUNDATION (I.E. ANCHOR BOLTS, HAIRPINS, SHEAR ANGLES, ETC.) ARE TO BE FURNISHED BY CONCRETE CONTRACTOR UNLESS NOTED.

DIMENSIONS GOVERN. DRAWINGS ARE NOT TO SCALE.

ALL ANCHOR BOLTS HAVE 3" PROJECTION AND THREAD LENGTH UNLESS NOTED. ANCHOR BOLT SIZES ARE BASED ON A MATERIAL YIELD STRENGTH $F_y = 36$ KSI.

GULF STATES
MANUFACTURERS, INC.
STARKVILLE, MS

A faint, horizontal watermark or stamp is visible across the bottom of the page. It appears to be a repeating pattern of small, dark, irregular shapes, possibly representing a stylized floral or geometric design.

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13532

John W. Danner Jr. Jr.
12/28/93

OB NO.
25269-0

EVISION NO.

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—

AGE B1 OF 1

SECTION A-A

STEEL LINE

OF FRAMED OPENING

2-AB1'S
W/ 1 1/2" PROJ.
TYP.

2 1/2"

3"

0'-9" RAMP IF REQ'D

AS REQ'D 1 1/4" 1 1/4"

A 10-0 X 12-4 5-1 1/4 5-1 1/4 1 (ONE) REQ'D.

B 10-0 X 10-0 5-1 1/4 5-1 1/4 1 (ONE) REQ'D.

REQ'D.

REQ'D.

FACTORY AND FIELD LOCATED FRAMED OPENING DETAIL