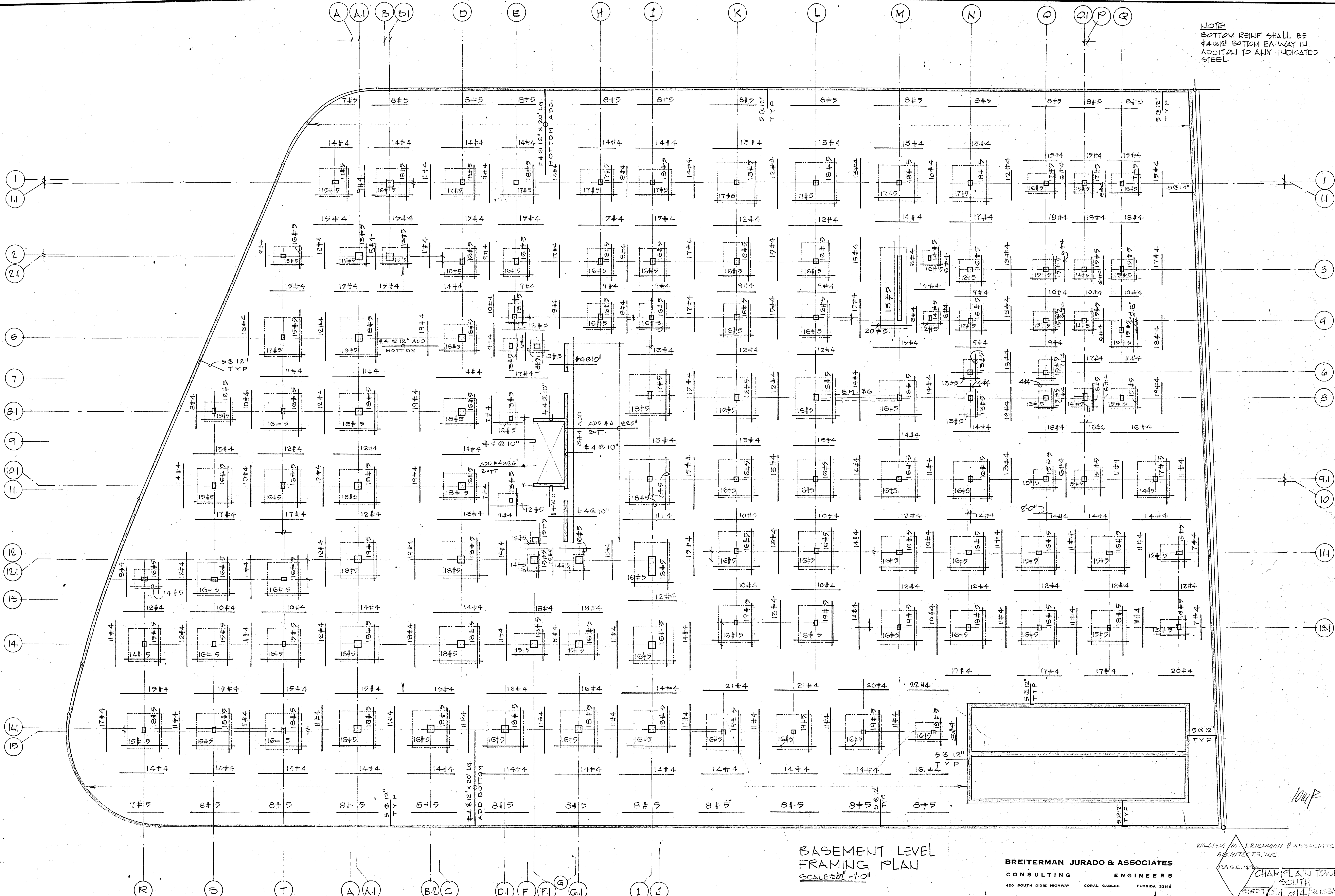


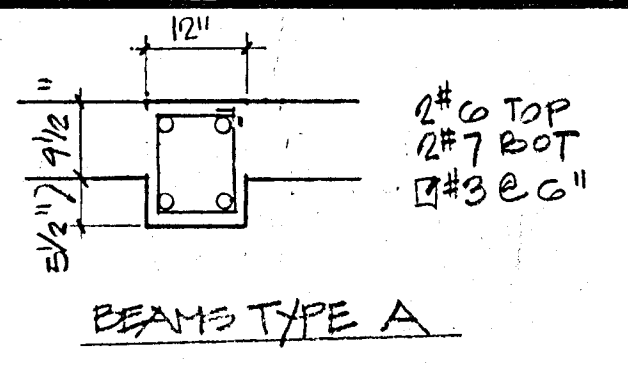
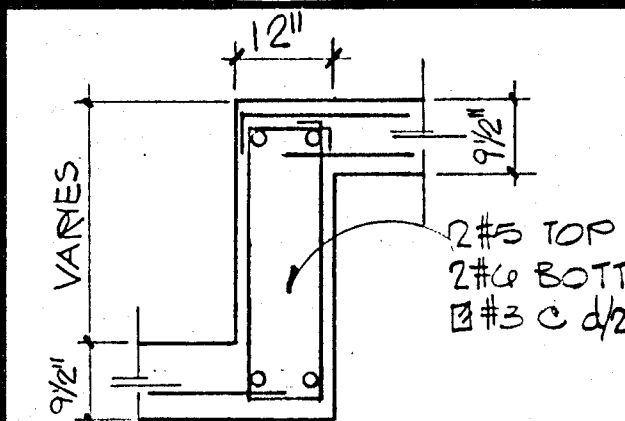
NOTE:
BOTTOM REINF SHALL BE
#4 @ 12" BOTTOM EA. WAY IN
ADDITION TO ANY INDICATED
STEEL.



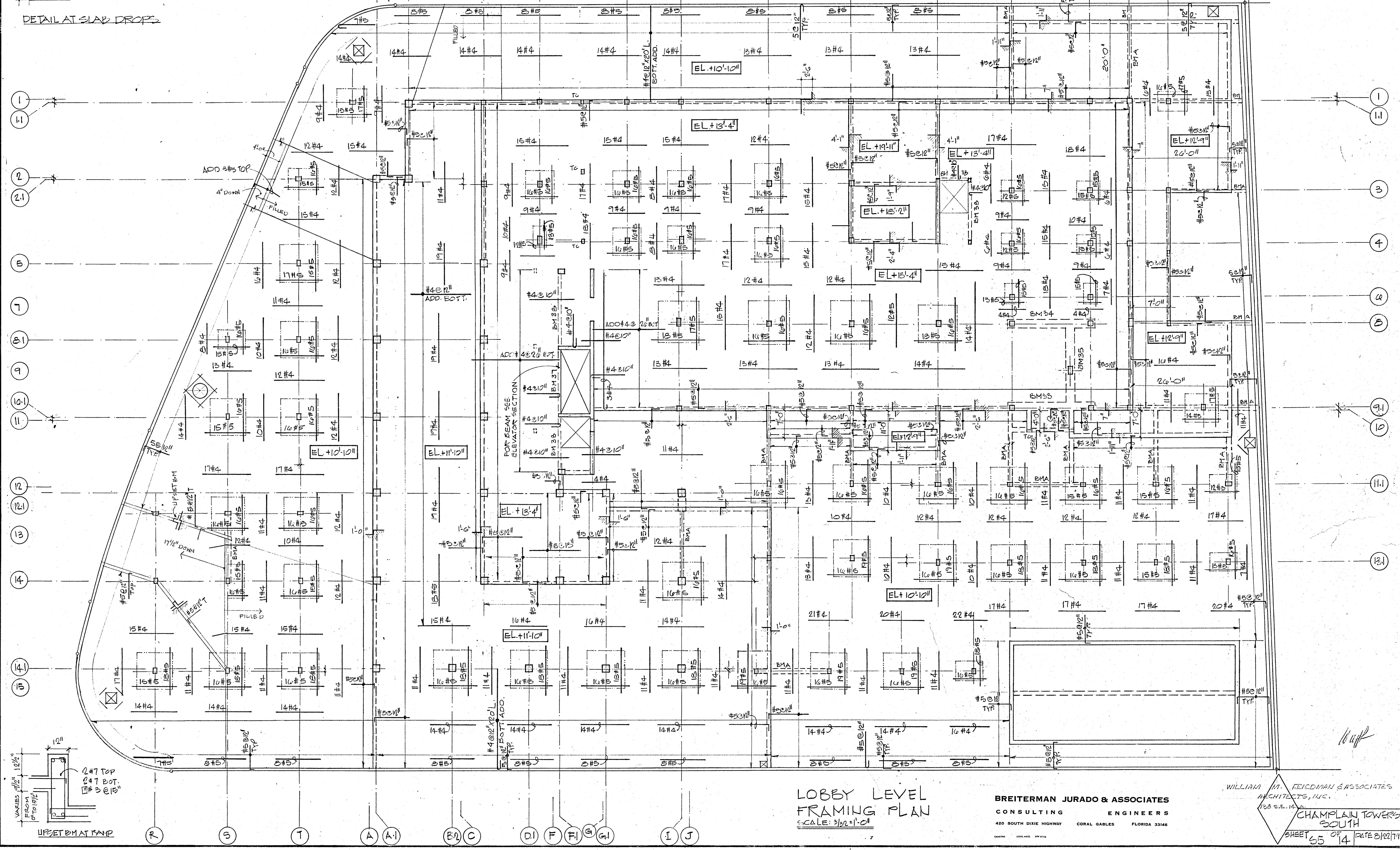
BASEMENT LEVEL
FRAMING PLAN
SCALE 3/32" = 1'-0"

BREITERMAN JURADO & ASSOCIATES
CONSULTING ENGINEERS
420 SOUTH DIXIE HIGHWAY CORAL GABLES FLORIDA 33146

WILLIAM H. FRIEDMAN & ASSOCIATES
ARCHITECTS, INC.
125 S.E. 14th
CHAR/PLAIN TOWERS
SOUTH
SHEET 13.4 OF 14



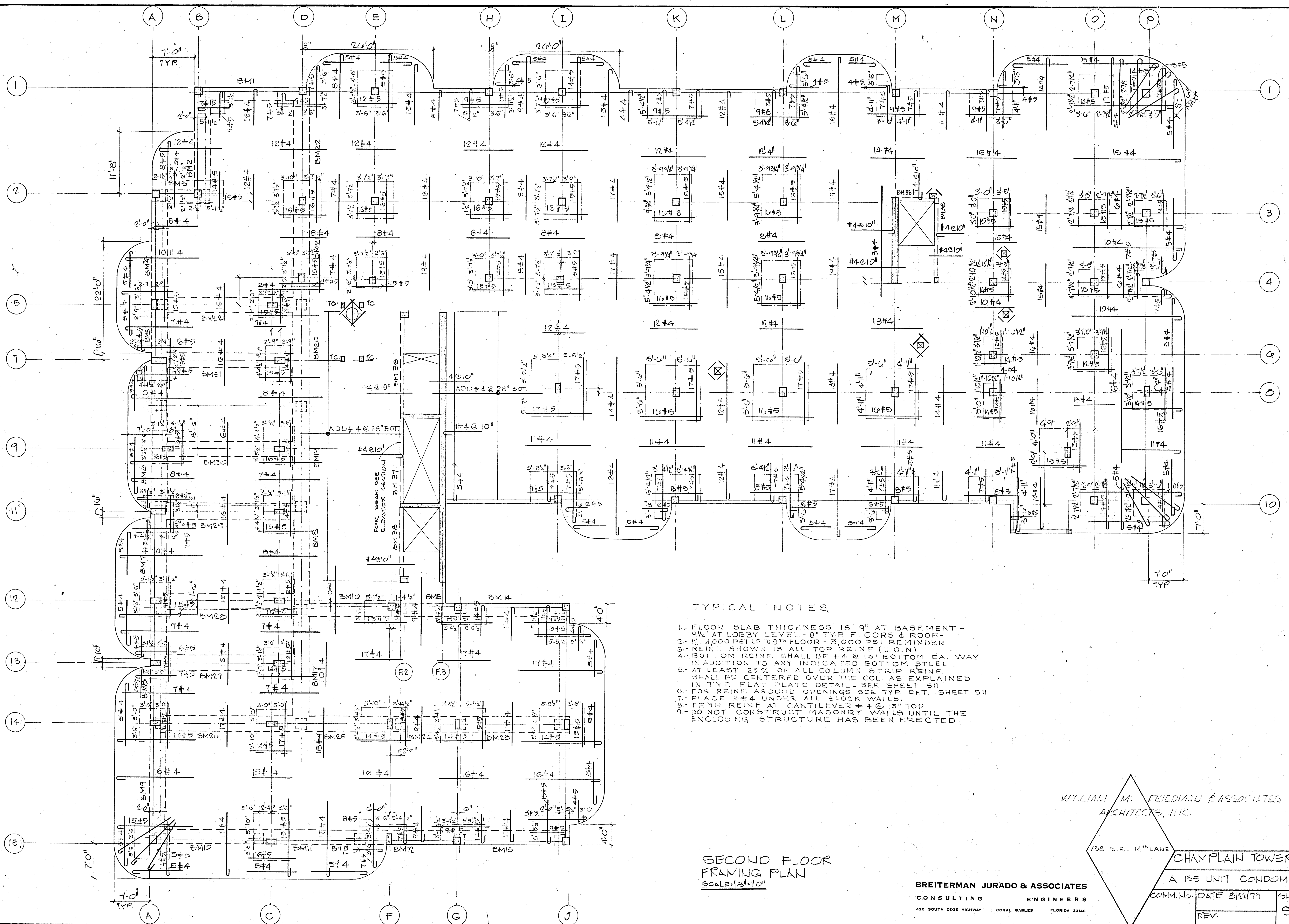
NOTE
BOTTOM REINF. SHALL
BE #4@12" BOTTOM
EACH WAY IN ADDITION TO
ANY INDICATED BOTTOM
STEEL.



LOBBY LEVEL
FRAMING PLAN
SCALE: 3/32"=1'-0"

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CONSULTING ENGINEERS
420 SOUTH DIXIE HIGHWAY CORAL GABLES FLORIDA 33146

WILLIAM M. FREIDMAN & ASSOCIATES
ARCHITECTS, INC.
125 S.E. 14th Ave.
CHAMPLAIN TOWERS
SOUTH
SHEET 55 OF 14 DATE 8/10/74



TYPICAL NOTES.

1. FLOOR SLAB THICKNESS IS 9" AT BASEMENT - 9 1/2" AT LOBBY LEVEL - 8" TYP FLOORS & ROOF.
2. F-4000 PSI UP TO 8" TYP FLOORS & ROOF.
3. REIN IS ALL TOP REIN (U.O.N).
4. BOTTOM REIN SHALL BE #4 @ 13" BOTTOM EA. WAY IN ADDITION TO ANY INDICATED BOTTOM STEEL.
5. AT LEAST 25% OF ALL COLUMN STRIP REIN. SHALL BE CENTERED OVER THE COL. AS EXPLAINED IN TYP. PLATE DETAIL - SEE SHEET S11.
6. FOR REIN. AROUND OPENINGS SEE TYP. DET. SHEET S11.
7. PLACE 2#4 UNDER ALL BLOCK WALLS.
8. TEMP. REIN. AT CANTILEVER #4 @ 13" TOP.
9. DO NOT CONSTRUCT MASONRY WALLS UNTIL THE ENCLOSING STRUCTURE HAS BEEN ERECTED.

SECOND FLOOR
FRAMING PLAN
SCALE: 1/8"=1'-0"

WILLIAM M. FRIEDMAN & ASSOCIATES
ARCHITECTS, INC.

WMP

138 S.E. 14TH LANE

CHAMPLAIN TOWERS SOUTH

A 135 UNIT CONDOMINIUM

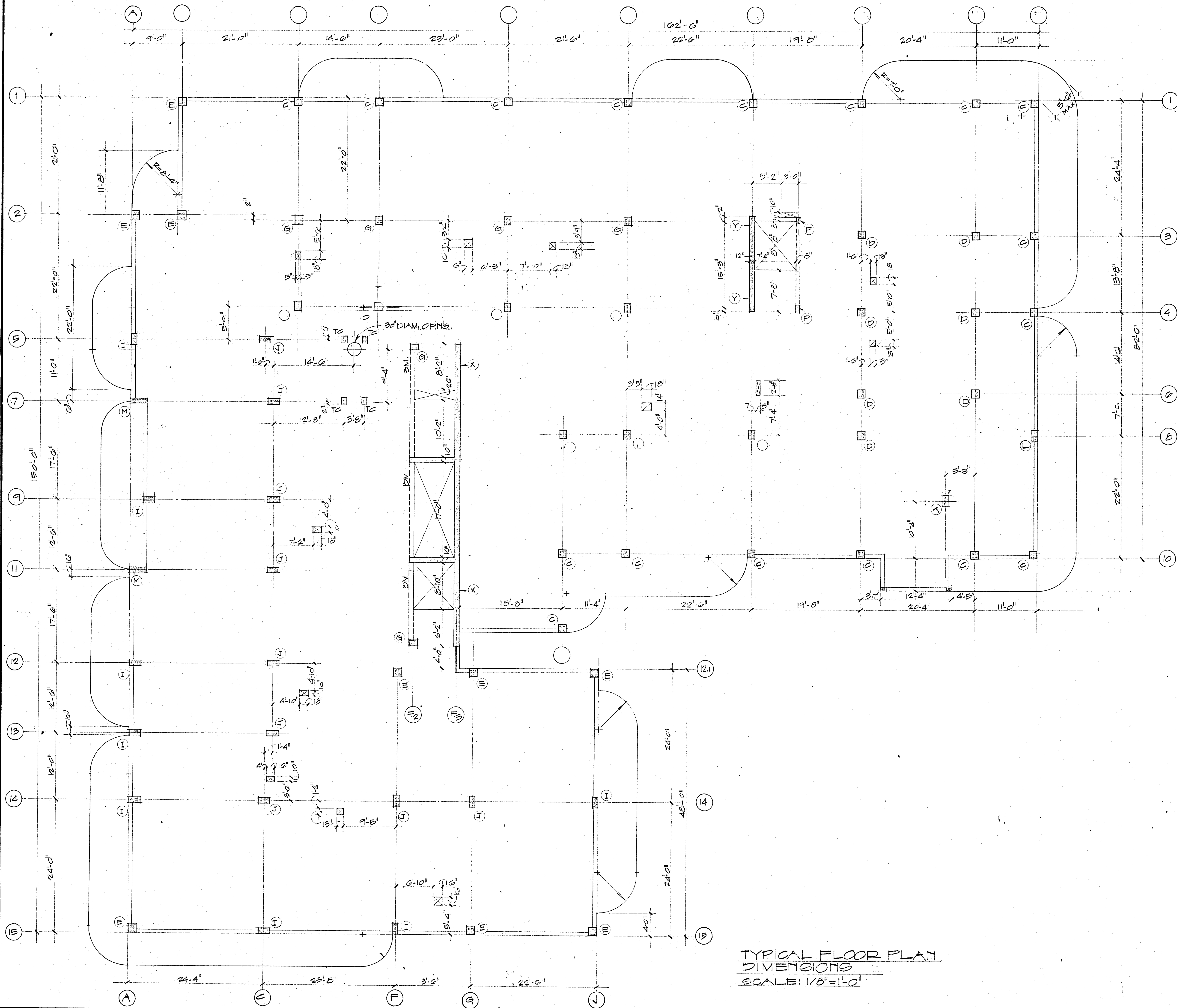
BREITERMAN JURADO & ASSOCIATES

CONSULTING ENGINEERS

420 SOUTH DIXIE HIGHWAY CORAL GABLES FLORIDA 33146

COMM. NO. DATE 8/22/79 SHEET NO.

REV. S6 OF 14



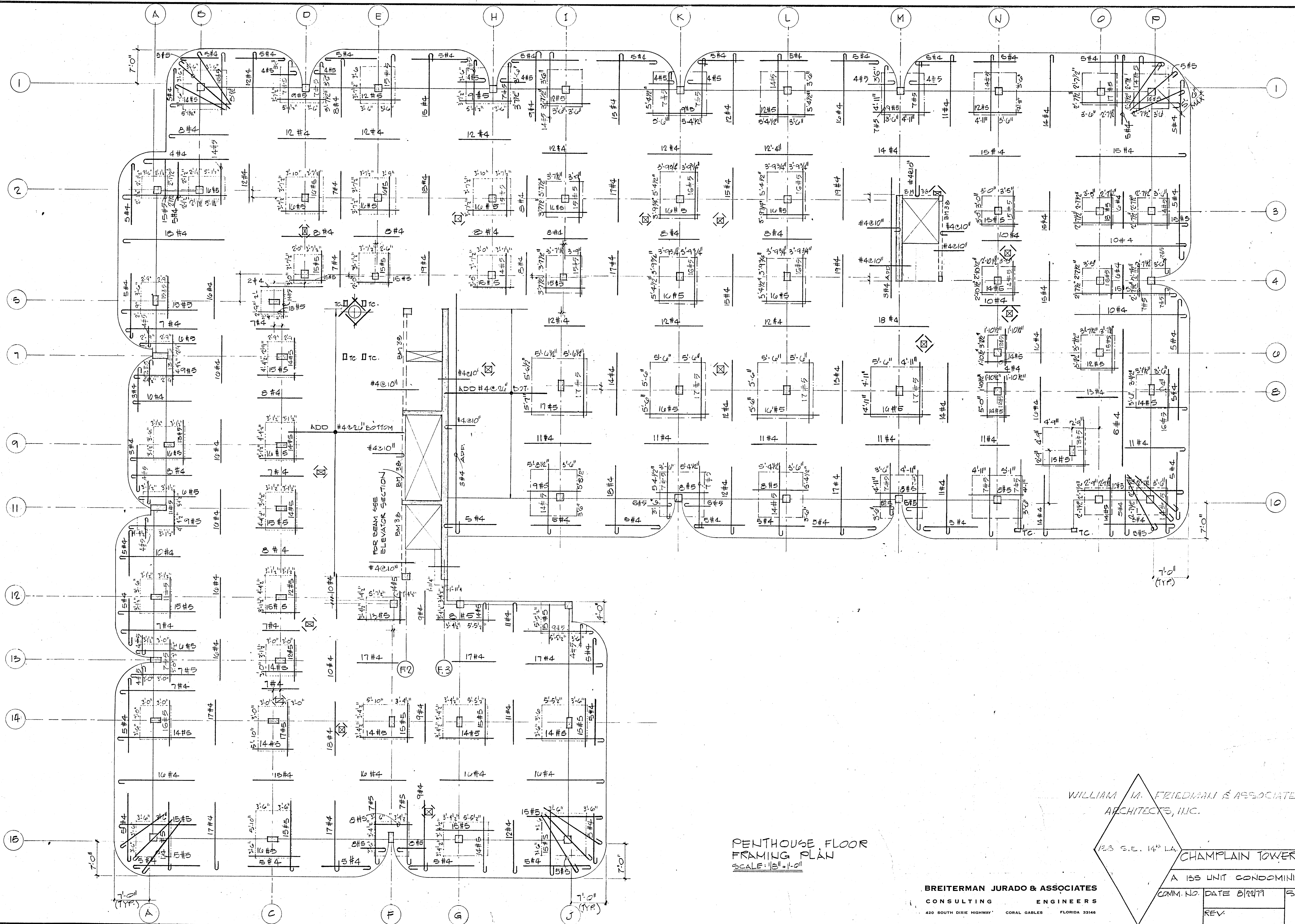
TYPICAL FLOOR PLAN
DIMENSIONS
SCALE: 1/8" = 1'-0"

CHAMPLAIN TOWERS NORTH
8777 COLLINS AVE.
A-112 UNIT CONDOMINIUM

COMM. No.
79020

DATE:
REV.

SHEET
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PENTHOUSE FLOOR
FRAMING PLAN
SCALE: 1/8" = 1'-0"

WILLIAM M. FRIEDMAN & ASSOCIATES
ARCHITECTS, INC.

WMP

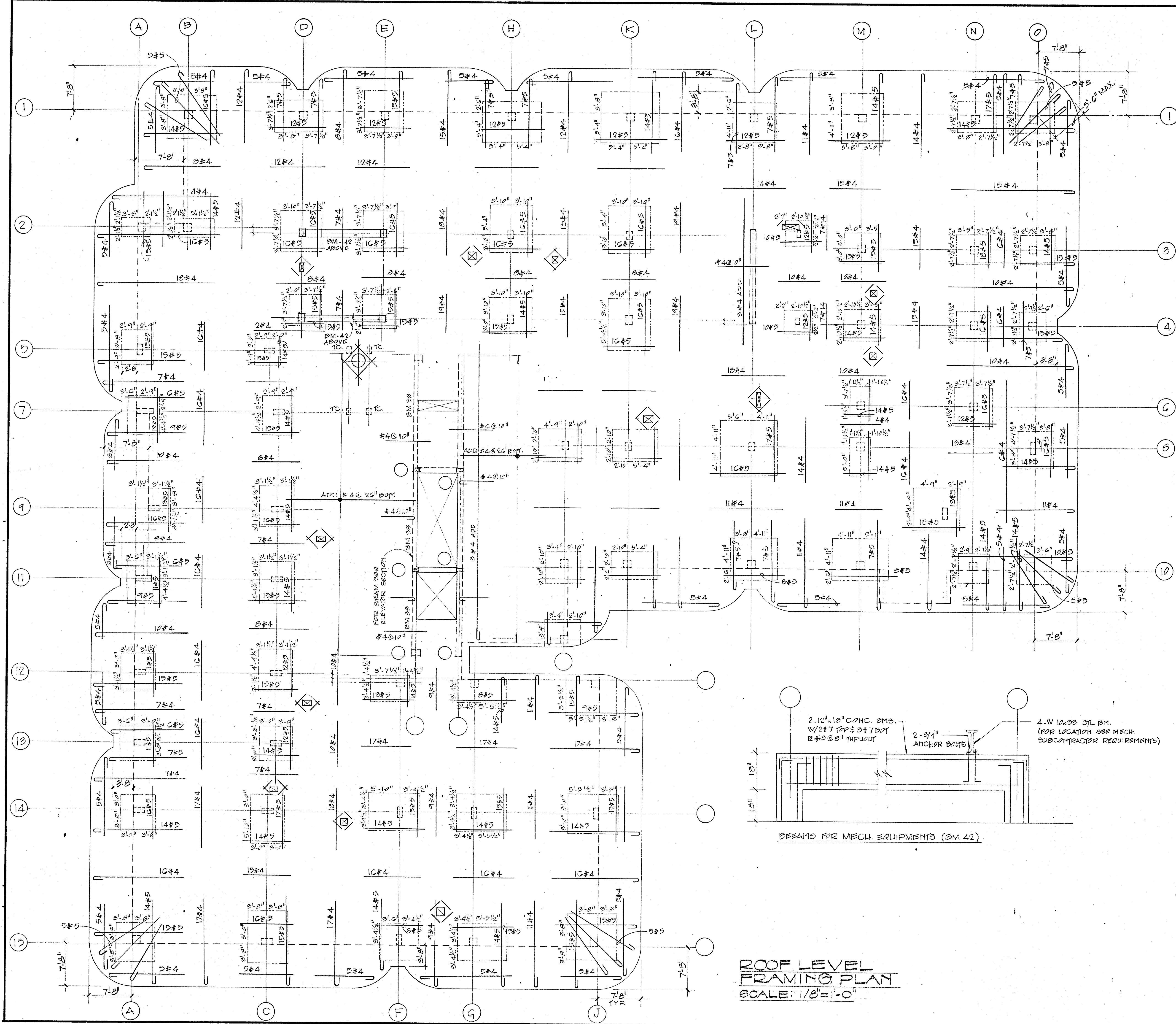
12.5 S.E. 14th LA.

CHAMPLAIN TOWERS SOUTH

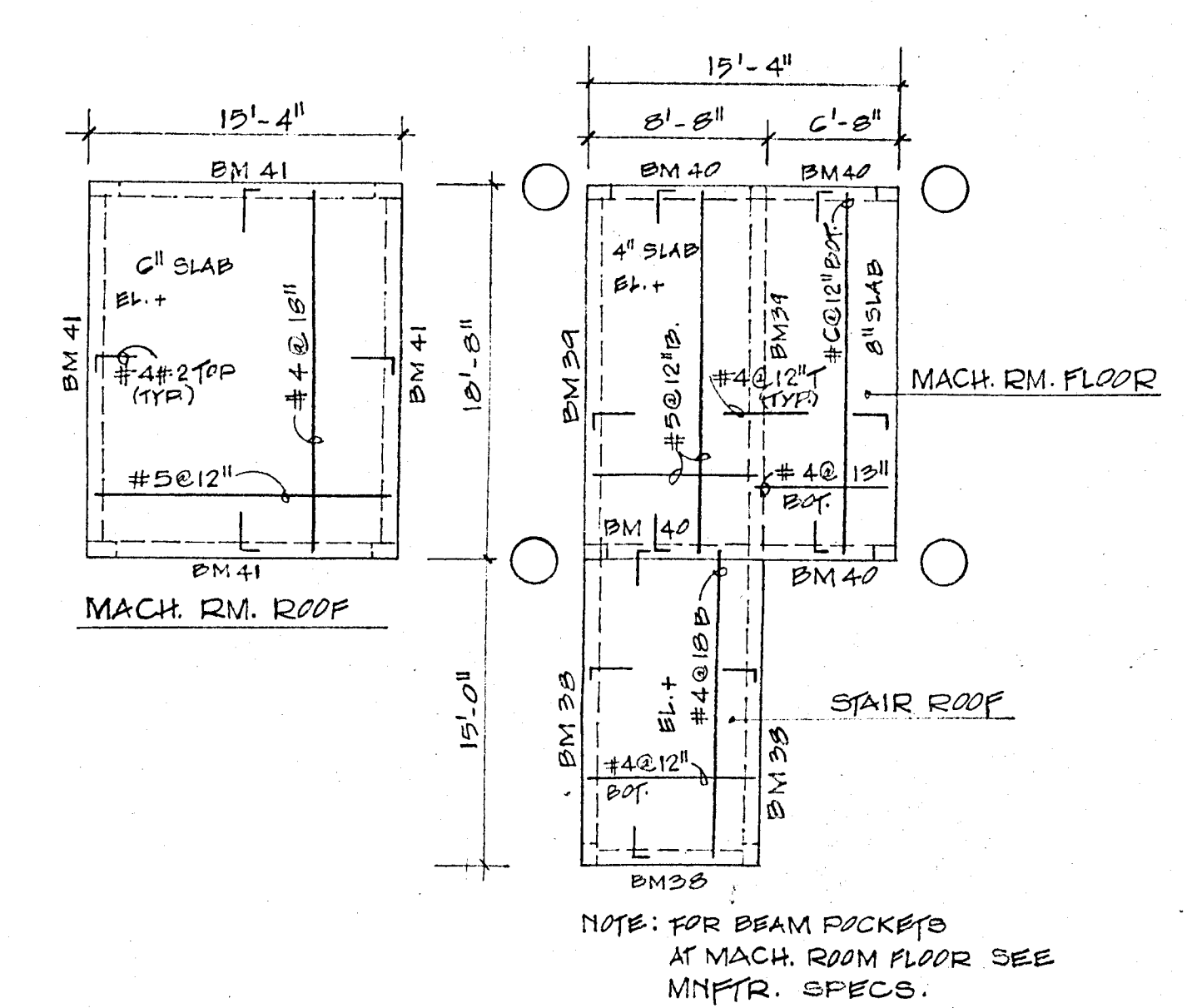
A 133 UNIT CONDOMINIUM

COMM. NO.	DATE 8/20/77	SHEET NO.
REV.		59 OF 14

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420 SOUTH DIXIE HIGHWAY CORAL GABLES FLORIDA 33146



ROOF LEVEL FRAMING PLAN
 SCALE: 1/8" = 1'-0"

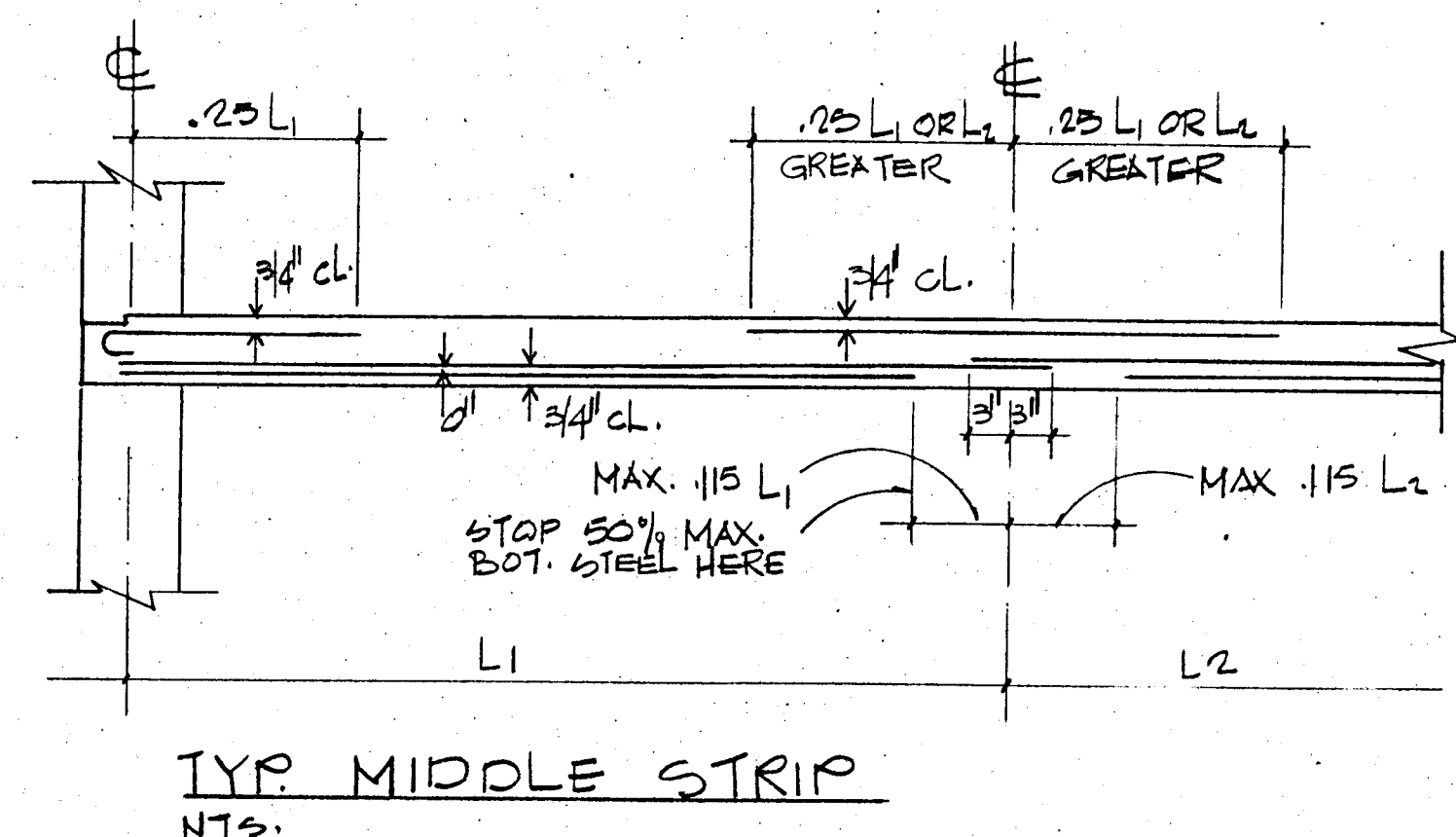
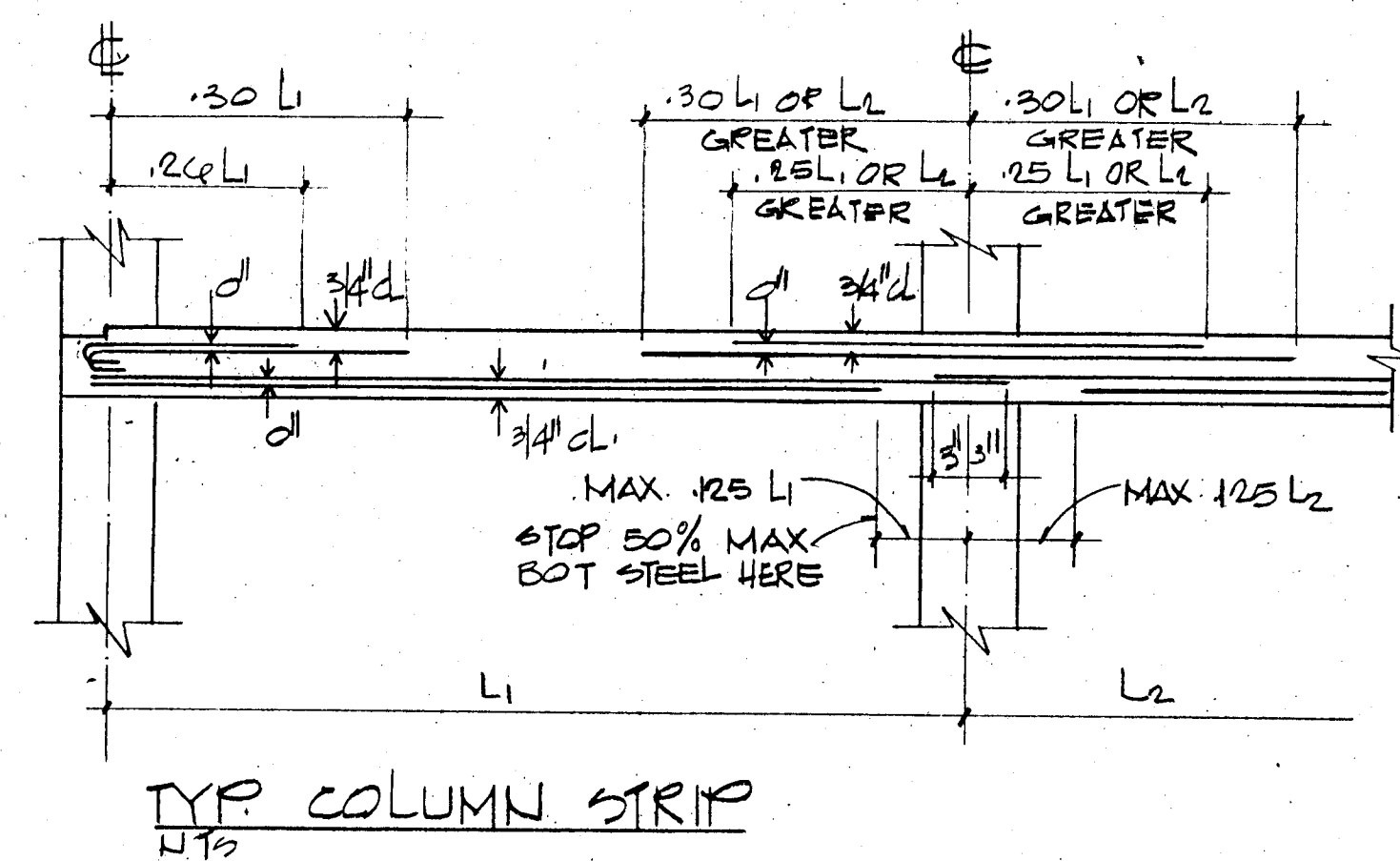
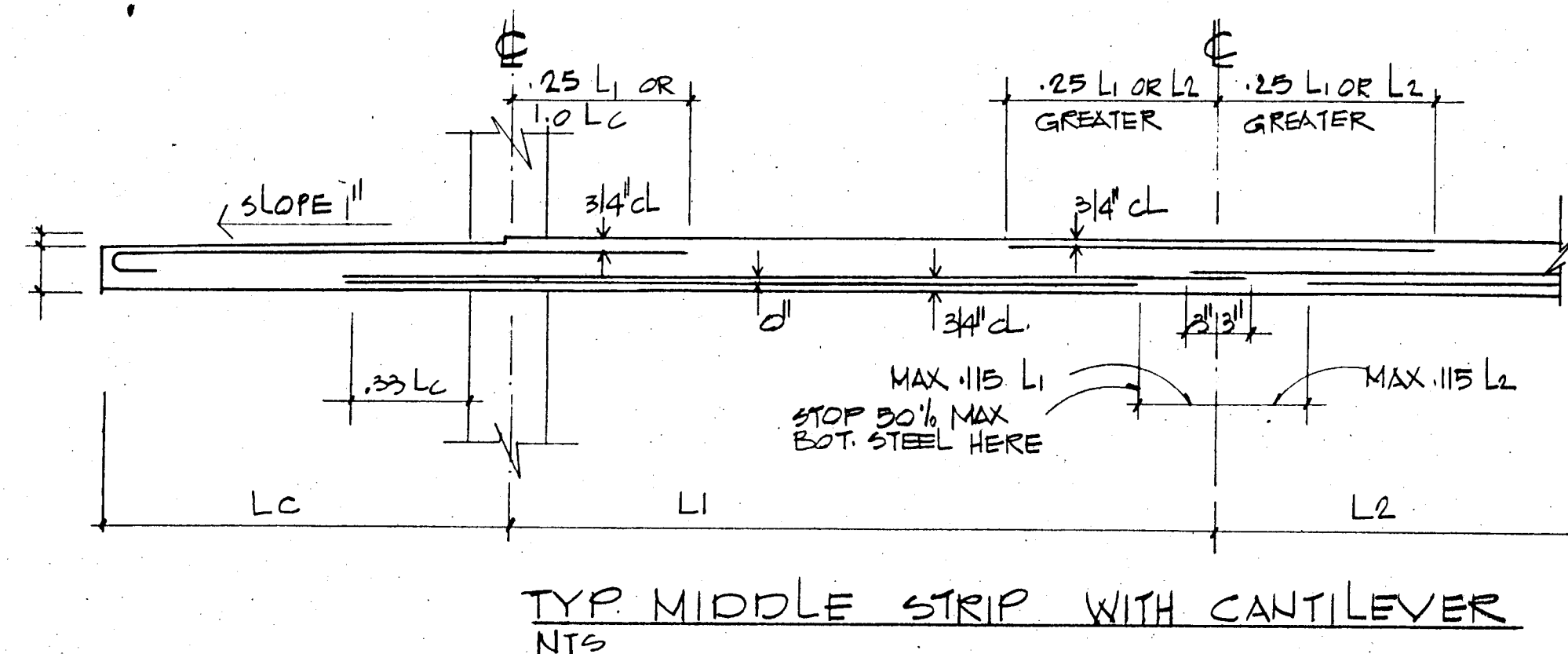
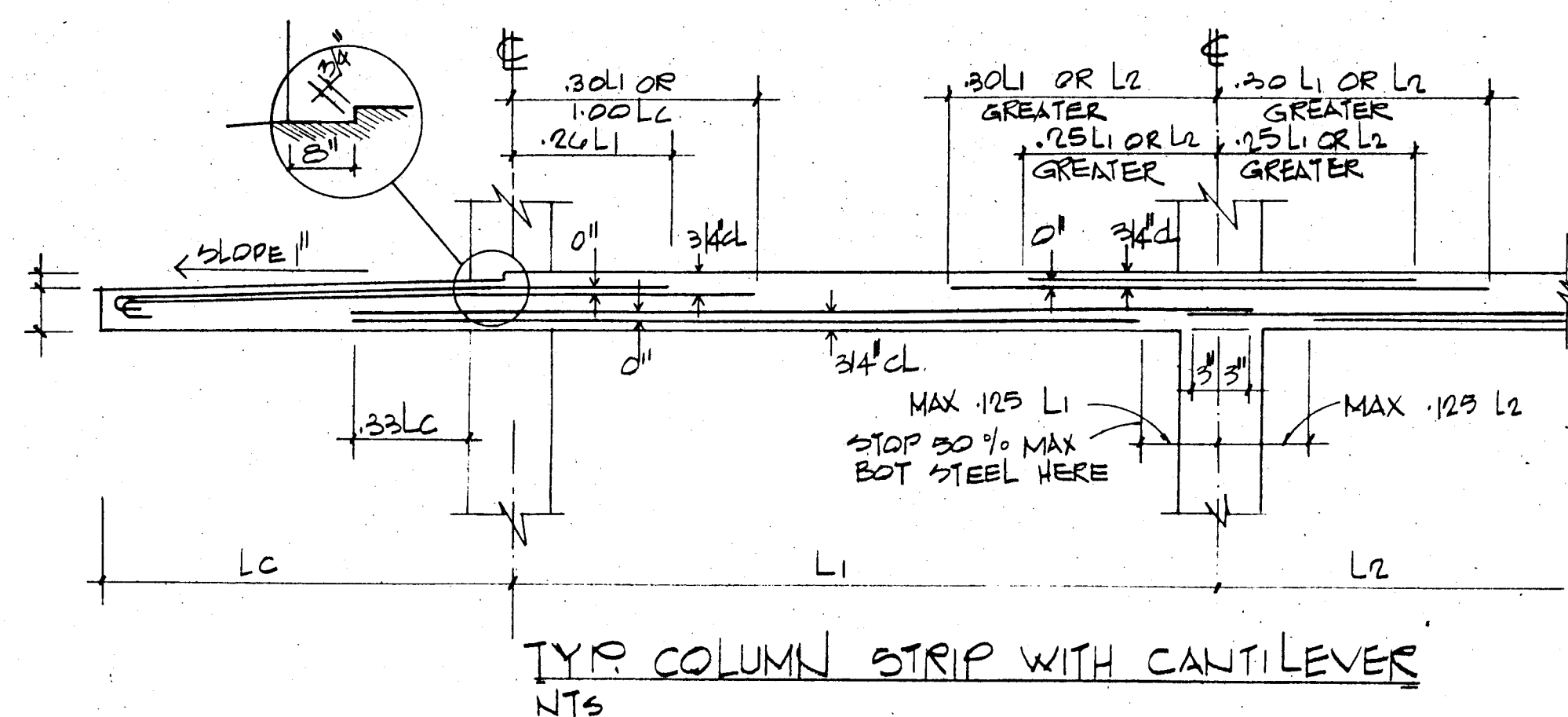


NOTE: FOR BEAM PROFILES AT MACH. ROOM FLOOR SEE MNFR. SPECS.

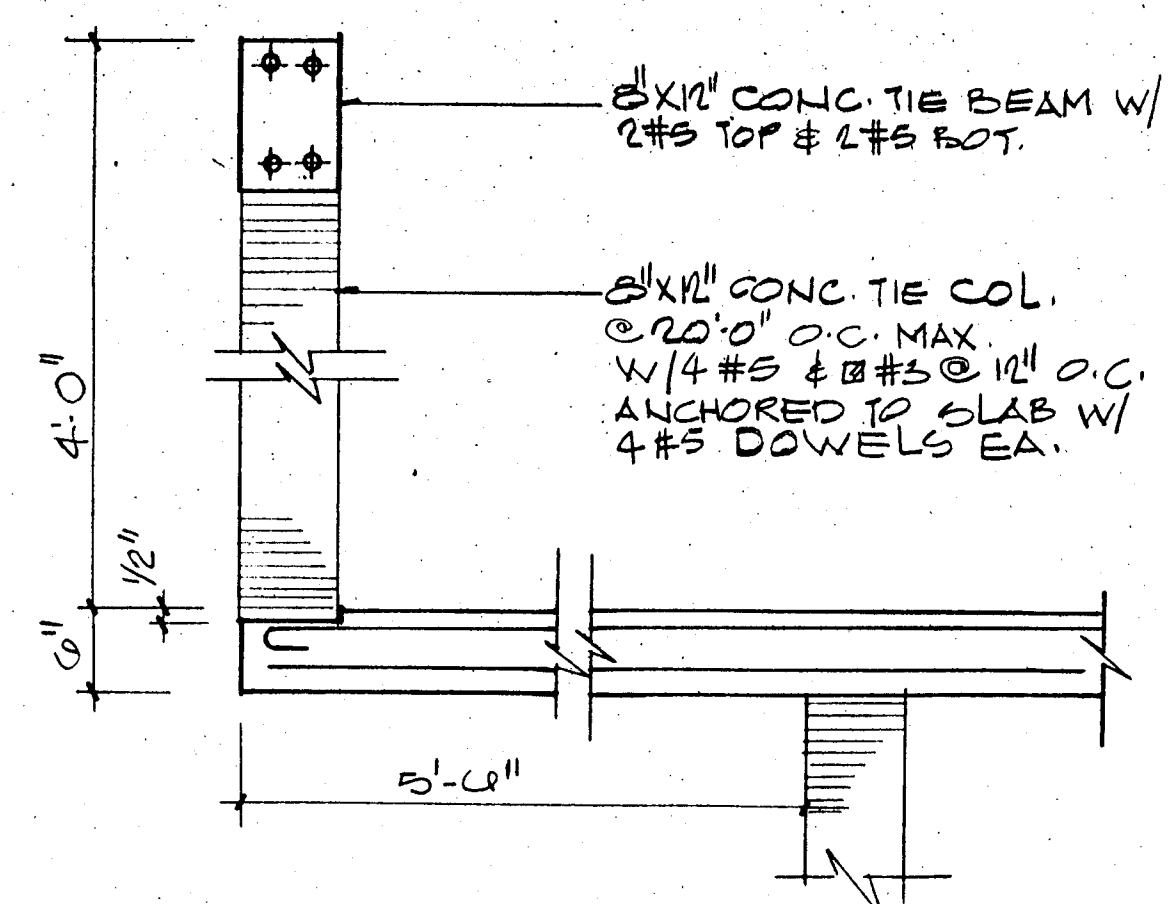
CHAMPLAIN TOWERS NORTH
 8777 COLLINS AVE.

A-112 UNIT CONDOMINIUM

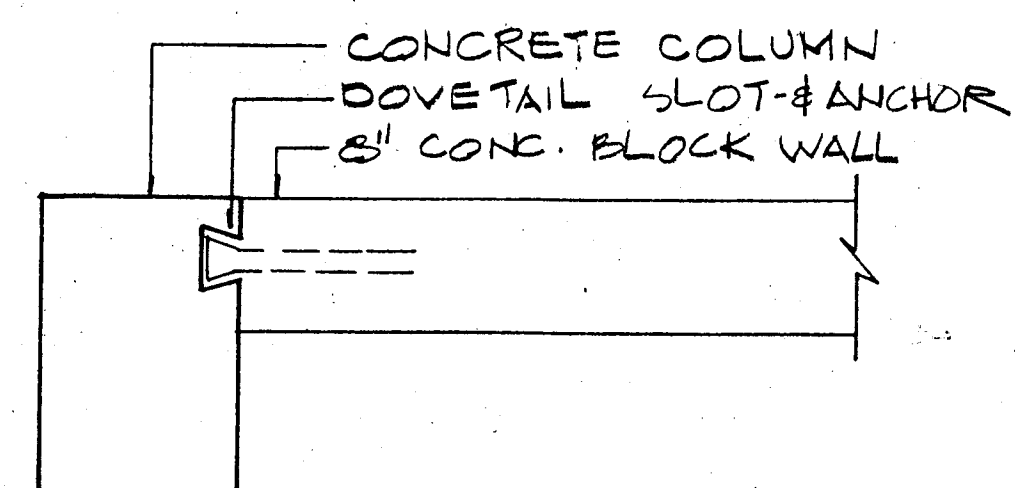
COMM. NO. 79020	DATE:	SHEET No. 510-14
REV:		



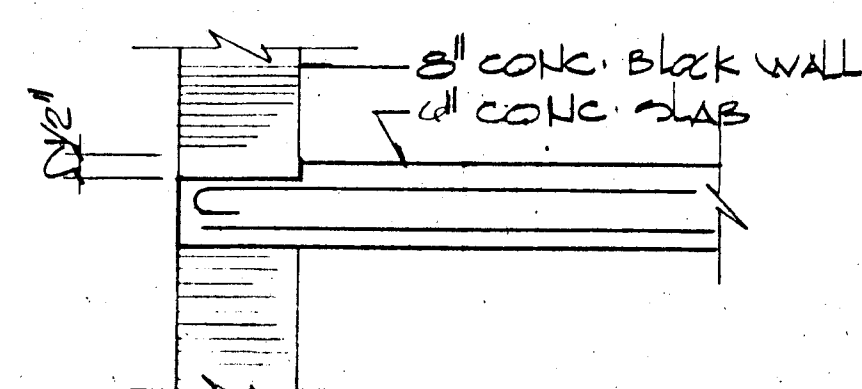
TYPICAL BAR DIAGRAM-FLAT SLABS
(UNLESS OTHERWISE NOTED)



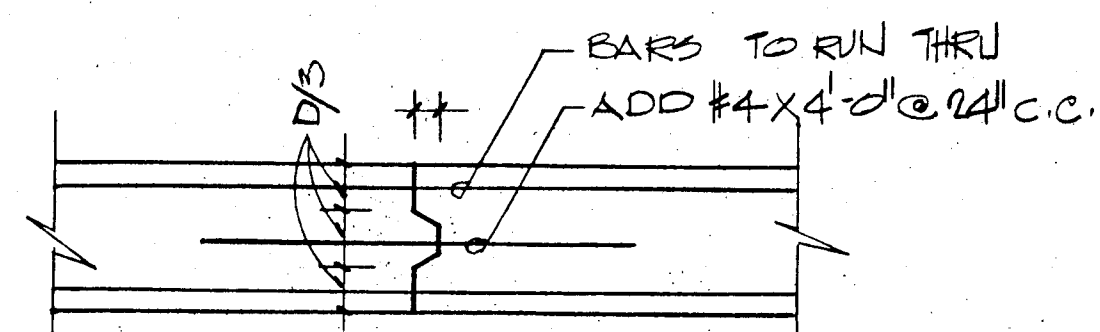
PARAPET DETAIL (TYPICAL)



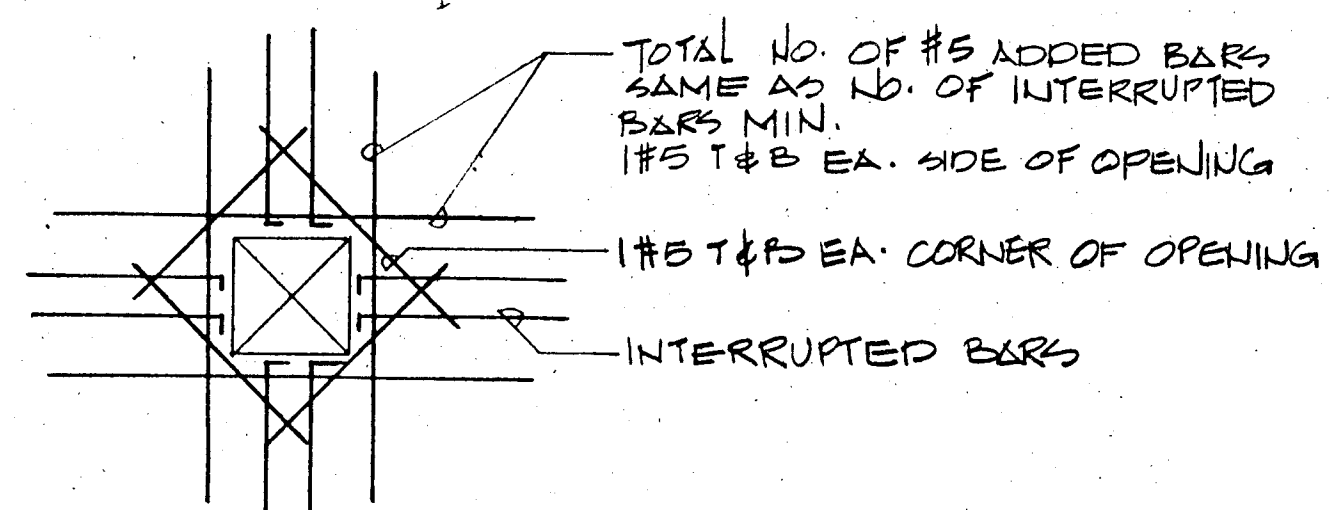
MASONRY ANCHORAGE DETAIL
NTS



SLAB DEPRESSION
AT EXTERIOR WALLS

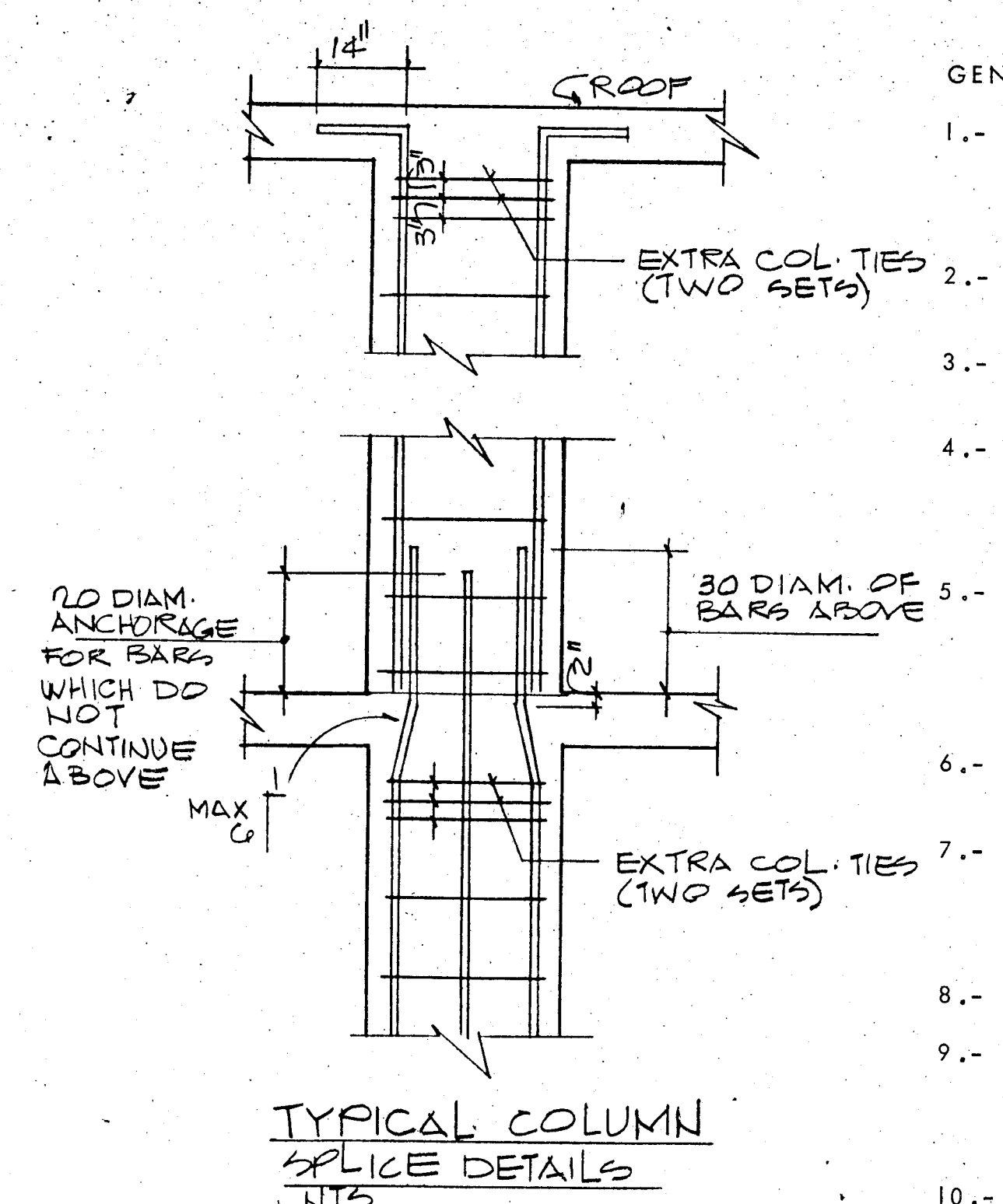


CONSTRUCTION JOINT DETAIL
NTS

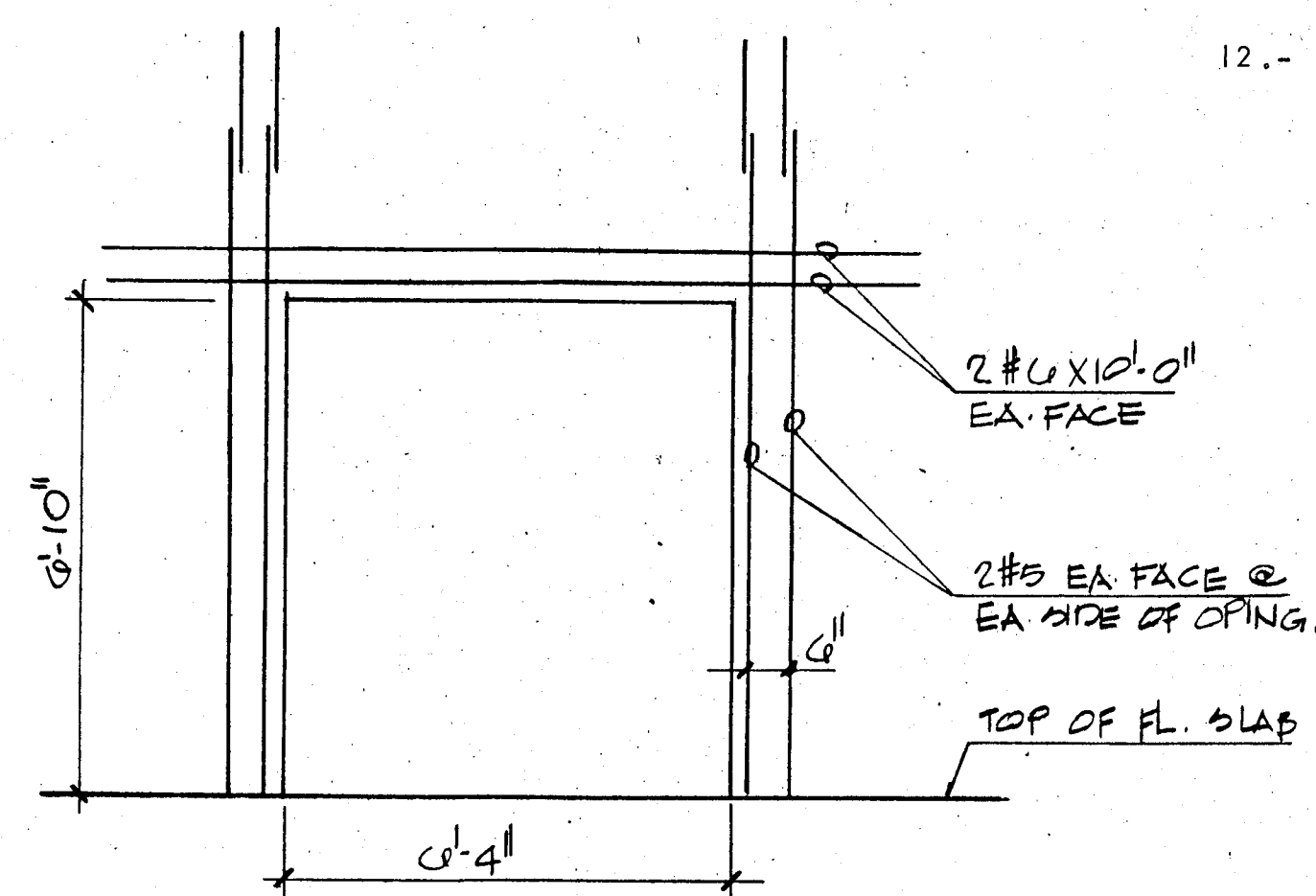


SLAB OPENING DET

FLAT PLATE SECTIONS
AND DETAILS
NTS



TYPICAL COLUMN
SPLICE DETAILS
NTS



SECTION THRU DOOR OPENING
AT SHEAR WALL

GENERAL STRUCTURAL NOTES:-

- 1.- CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301-72 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" EXCEPT AS MODIFIED BY THE SUPPLEMENTAL REQUIREMENTS BELOW.
- 2.- CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH WORK.
- 3.- ALL PILES TO BE 14" x 14" PRECAST CONCRETE DRIVEN TO 50 TONS.
- 4.- CONTRACTOR SHALL COORDINATE WITH ALL MECHANICAL & ELECTRICAL TRADES ALL SLAB OPENINGS & ELEVATOR DIMENSIONS. LOCATION OF OPENINGS IN SLAB IN EXCESS OF 8" SHOULD BE SUBMITTED TO A/E FOR APPROVAL.
- 5.- REINFORCING BARS TO MEET ASTM A-615 GRADE 60, DETAILED AND PLACED IN ACCORDANCE WITH ACI-318-77, AND SFBC 1976 EDITION. REINFORCING TO BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE. WELDED WIRE FABRIC TO COMPLY WITH ASTM A-185.
- 6.- ALL CONCRETE STRENGTH TO BE AS SHOWN ON PLANS. IF NOT OTHERWISE SPECIFIED F'C = 3,000 PSI.
- 7.- VERTICAL CONSTRUCTION JOINTS, USING APPROVED BULKHEADS, CAN BE MADE AT CENTER OF BEAM OR SLAB IF REQUIRED, NO HORIZONTAL CONSTRUCTION JOINTS SHALL BE MADE IN BEAMS OR SLABS.
- 8.- SEE ARCHITECTURAL DRAWINGS FOR ELEVATIONS.
- 9.- TIE BEAMS (MARKED T.B.) REFER TO 8 X 12 INCHES TIE BEAMS REINFORCED WITH 2 #5 TOP AND 2 #5 BOTT. TIE COLUMNS (MARKED T.C.) ARE 8 X 12 INCHES TIE COLUMNS REINFORCED WITH 4 #5 BARS AND #2 TIES SPACED AT 12 INCHES O.C.
- 10.- REINFORCING BAR SPLICED, WHERE REQUIRED SHALL BE DETAILED AND MADE IN ACCORDANCE WITH AC-318-77.
- 11.- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ORDINANCES.
- 12.- ALL PRECAST PRESTRESSED UNITS TO BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH APPLICABLE ACI STANDARDS.

WILLIAM M. FRIEDMAN & ASSOCIATES
ARCHITECTS, INC.

128 S.E. 14th LA

CHAMPLAIN TOWERS NORTH

A 112 UNIT CONDOMINIUM

COMM. NO. DATE

SHEET NO.

REV.

511 of 14

BREITERMAN JURADO & ASSOCIATES
CONSULTING ENGINEERS
420 SOUTH DIXIE HIGHWAY CORAL GABLES FLORIDA 33146



BEAM SCHEDULE

MARK	EL. BOT. CONCRETE	SIZE B x D	LONGITUDINAL		"E."	"C" COL.#	STIRRUPS	REMARKS
			BOTT	TOP				
BH 1	+23'-6"	30" x 42"	6 # 8	4 # 3	2 # 8 EE		# 5 @ 18"	
BH 2		36" x 42"	6 # 8	4 # 3	2 # 8 EE		# 5 @ 18"	
BH 3			6 # 8	6 # 8	-		# 5 @ 18"	
BH 4			8 # 9	6 # 9	2 # 9		# 5 @ 18"	
BH 5			14 # 11	6 # 11		4 # 11	# 5 @ 6" THRUOUT	
BH 6			* 12 # 11	6 # 11			# 5 @ 6"	* 2 LAYERS - 10 BARS IN OUTER LAYER
BH 7			8 # 9	6 # 11			# 5 - 4 @ 6" 4 @ 6" REMAINER @ 18"	
BH 8			* 16 # 11	6 # 11			# 5 @ 6" T.O.	* 2 LAYERS - 10 BARS IN OUTER LAYER
BH 9		↓	8 # 9	6 # 9	2 # 9		# 5 @ 18"	
BH 10		30" x 42"	8 # 9	6 # 9	2 # 9	4 # 10	# 5 @ 18"	
BH 11			10 # 10	6 # 10		4 # 10	# 5 - 8 @ 6" WEST END REMAINER @ 18"	
BH 12			10 # 11	6 # 10			# 5 - 10 @ 6" EE REM. @ 18"	
BH 13			8 # 9	6 # 10	2 # 10		# 5 @ 16"	
BH 14			8 # 9	* 6 # 9	4 # 10		# 5 @ 16"	* CONTINUOUS TOP STEEL
BH 15			8 # 9	* 6 # 9	4 # 9		# 5 @ 16"	* CONTINUOUS TOP STEEL
BH 16		↓	10 # 10	6 # 10	2 # 10		# 5 - 6 @ 6" EAST END REMAINER @ 18"	
BH 17		36" x 42"	* 16 # 11	6 # 11	2 # 11		# 5 @ 6"	* 2 LAYERS - 10 BARS IN OUTER LAYER
BH 18			8 # 10	6 # 11			# 5 @ 18"	
BH 19			* 12 # 11	6 # 11		4 # 11	# 5 @ 6"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 20			* 12 # 11	6 # 11		2 # 11	# 5 @ 6"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 21			* 14 # 11	6 # 11			# 5 - 8 @ 6" SOUTH END REMAINER @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 22			8 # 10	6 # 8	2 # 8		# 5 @ 18"	
BH 23			8 # 10	* 4 # 11		6 # 11	# 5 @ 18"	* CONTINUOUS TOP STEEL
BH 24			8 # 10	* 4 # 11		4 # 8	# 5 @ 18"	* CONTINUOUS TOP STEEL
BH 25			* 12 # 11	6 # 11		2 # 11	# 5 - 6 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 26			* 16 # 11	6 # 11		2 # 11	# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 27			* 14 # 11	6 # 11	2 # 10 EE		# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 28			* 14 # 11	6 # 11	2 # 10 EE		# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 29			* 14 # 11	6 # 11	2 # 10 EE		# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 30			* 14 # 11	6 # 11	2 # 10 EE		# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 31	↓		* 14 # 11	6 # 10	2 # 10 EE		# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 32	+23'-6"	↓	* 14 # 11	6 # 10	2 # 10		# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 10 BARS OUTER LAYER
BH 33	+ 9'-10"	24" x 42"	* 10 # 11	4 # 10			# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 6 BARS OUTER LAYER
BH 34	↓		* 10 # 11	4 # 10			# 5 - 10 @ 6" EAST END REM. @ 18"	* 2 LAYERS - 6 BARS OUTER LAYER
BH 35	+ 9'-10"	↓	* 12 # 11	4 # 10			# 5 @ 8" THRUOUT	* 2 LAYERS - 6 BARS EA.
BH 36	+ 1'-1"	8" x 21"	2 # 6	2 # 6			# 3 @ 10"	
BH 37	+ 10'-2"	8" x 38"	2 # 5	2 # 5			# 3 @ 18"	ADD 2 # 4 AT MID DEPTH
BH 38	VARIES	8" x 18"	2 # 5	2 # 5			# 3 @ 18"	
BH 39	+ 12'-7"	8" x 32"	2 # 9	2 # 6			# 3 @ 8"	ADD 2 # 4 AT MID DEPTH
BH 40	+ 128'-10"	8" x 24"	2 # 6	2 # 8			# 3 @ 8"	
BH 41	+ 137'-10"	8" x 20"	2 # 6	2 # 5			# 3 @ 10"	
BH 42	+ 125'-8"	12" x 18"	3 # 7	2 # 7			# 3 @ 8"	

BEAM SCHEDULE

WILLIAM M. FRIEDMAN & ASSOCIATES
ARCHITECTS, P.C.

UMP

138 S.E. 14th LA.

CHAMPLAIN TOWERS SOUTH

A 135 UNIT CONDOMINIUM

/ COMM. No.	DATE 8/22/79	SHEET No. S13 of 14
	REV.	

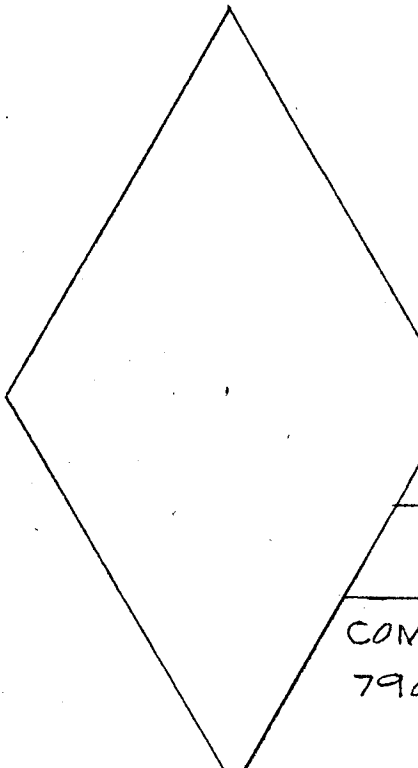
BREITERMAN JURADO & ASSOCIATES
CONSULTING ENGINEERS
420 SOUTH DIXIE HIGHWAY CORAL GABLES FLORIDA 33146

COLUMN SCHEDULE

TYPES	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(P)	(Q)	(R)	(S)	(T)			LARGE SHEARWALL	SMALL SHEARWALL
SIZES	24'x24"	24'x24" 3E, 20 1E, 24'x24" 1E, 1E, 2nd	16'x16"	16'x16"	16'x16"	16'x16"	14'x18"	14'x18"	12'x24"	12'x24"	12'x24"	12'x24"	12'x30"	12'x16"	8'x12"	8'x12"	8'x12"	8'x12"	8'x12"				
VACU. RM. ROOF +139'-0"																							
MACH. RM FLOOR +130'-10"																EL. +132'-0"	4#5		4#5				
ROOF +124'-2"																4#5	4#5	4#5					
12 th FLOOR (PENTHOUSE) +115'-4"			4#8	4#8	4#8		4#8	4#8	4#8	4#8	4#8	4#8	6#8		4#6							8#5 12'x18"	8#5 12'x18"
11 th FLOOR +106'-6"			↑	↑	↑		↑	↑	↑	↑	↑	↑	↑		↑							↑	↑
10 th FLOOR +97'-8"																						↓	↓
9 th FLOOR +88'-10"																						8#5 12'x18"	
8 th FLOOR +80'-0"				↓	↓		↓	↓	↓	↓	↓	↓	↓									10#5 12'x24"	8#5 12'x18"
7 th FLOOR +71'-2"			↓	4#8	4#8		4#8	4#8	↓	4#8	4#8	4#8										10#6 12'x24"	8#7 12'x18"
6 th FLOOR +62'-4"			4#8	6#8	4#9		4#9	4#9	4#8	6#8	6#8	6#8			↓							10#7 12'x24"	8#9 12'x18"
5 th FLOOR +53'-6"			6#8	8#8	6#9		6#9	6#9	6#8	8#8	8#8	8#8			4#6							12#8 12'x30"	10#9 12'x24"
4 th FLOOR +44'-8"			8#8	8#9	8#9		8#9	8#9	8#8	8#9	8#9	8#9	6#8		4#7							16#8 12'x42"	10#10 12'x24"
3 rd FLOOR +35'-10"			8#8	8#9	8#9		8#9 4L-2S	8#9	8#8	8#9	8#9	8#9	6#9		4#7							16#9 12'x42"	12#10 12'x24"
2 nd FLOOR +27'-0"			8#9	8#10	8#10 3EF		8#10 4L-2S	8#10 4L-2S	8#9 4L-2S	8#10 4L-2S	8#10	8#10	8#9 4L-2S		4#8							16#11 12'x42"	12#11 12'x30"
LOBBY FL. +13'-4"	12#10 4EF	12#10 4EF	8#10	8#11			10#10 4L-3S					10#10 5L-2S	10#10		4#9							20#11 12'x54"	12#11 12'x30"
BASEMENT +2'-10"	12#10 4EF	12#10 4EF	8#11 3EF	12#11 4EF		4#8	10#11 4L-3S					12#10 6L-2S		4#7	4#9							24#11 12'x66"	14#11 12'x36"
				COLS. E-4 UPTO EL. 125'-8"			COLS. E-2 H2, H4 UPTO EL. 125'-8"																

NOTES:
 • TIES FOR NO. 11 MAIN BARS USE #4 TIES, ALL OTHERS TO BE #3 DETAILED IN ACCORDANCE WITH ACI-318.
 • COLUMN DOVELS TO BE SAME NO. AND SIZE AS MAIN REINFORCING.

COLUMN SCHEDULE



CHAMPLAIN TOWERS NORTH
 8777 COLLINS AVE.
 A 112 UNIT CONDOMINIUM

COMM. No. 79030

DATE: REV.

SHEET No. 514 OF 14