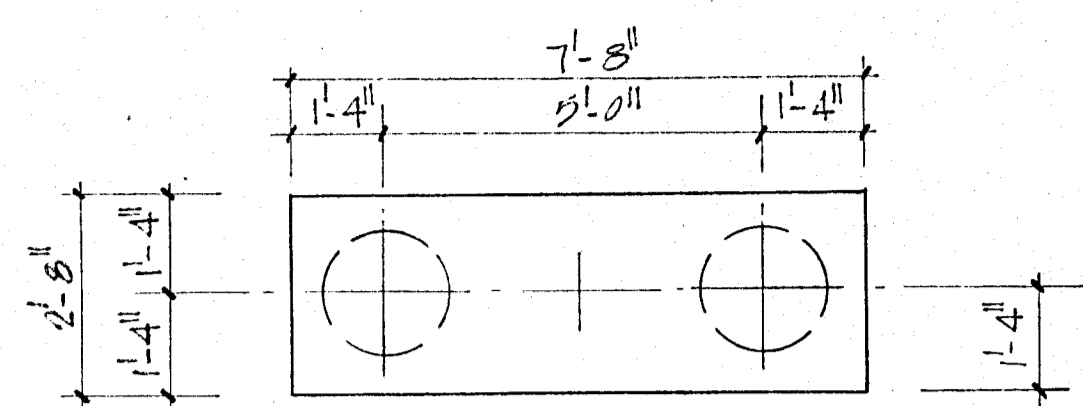


REVISIONS
 ▲ 1-17-80 CHANGE OF DIMENSIONS

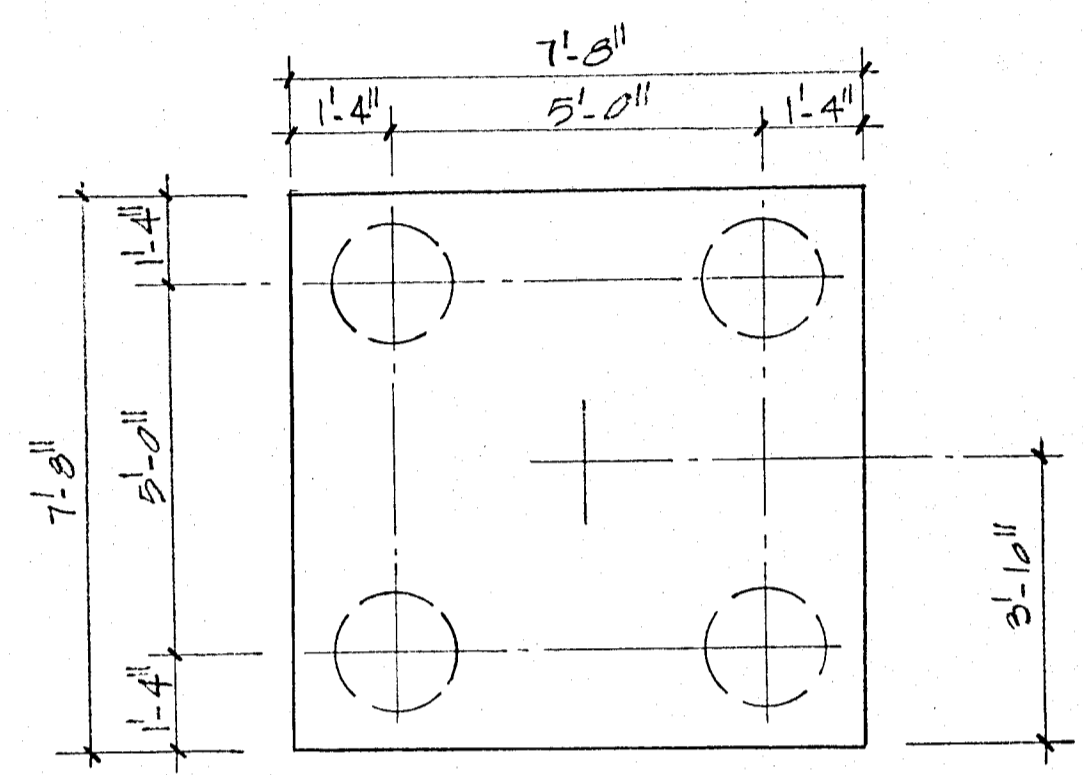
BASEMENT LEVEL
 DIMENSIONS
 SCALE: 3/32" = 1'-0"

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

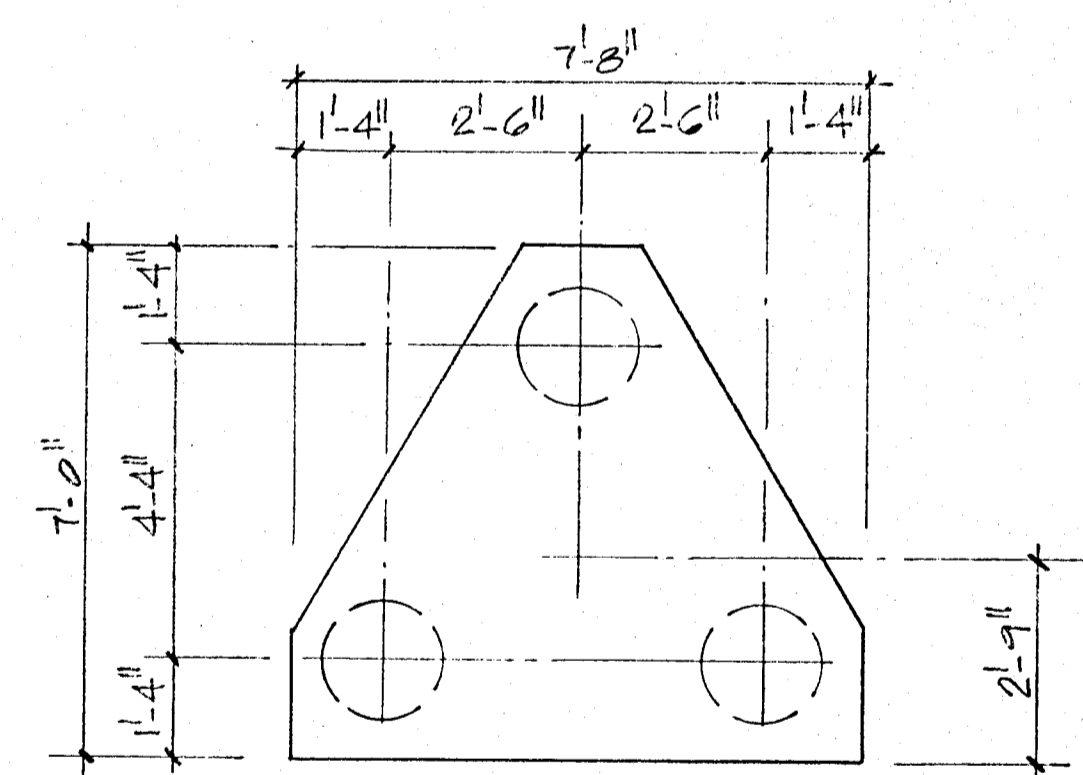
WILLIAM M. FRIEDMAN & ASSOCIATES
 ARCHITECTS, INC.
 128 S.E. 14TH AVE.
 CHAMPLAIN TOWERS SOUTH
 SHEET 32 OF 14 DATE: 8/22/79



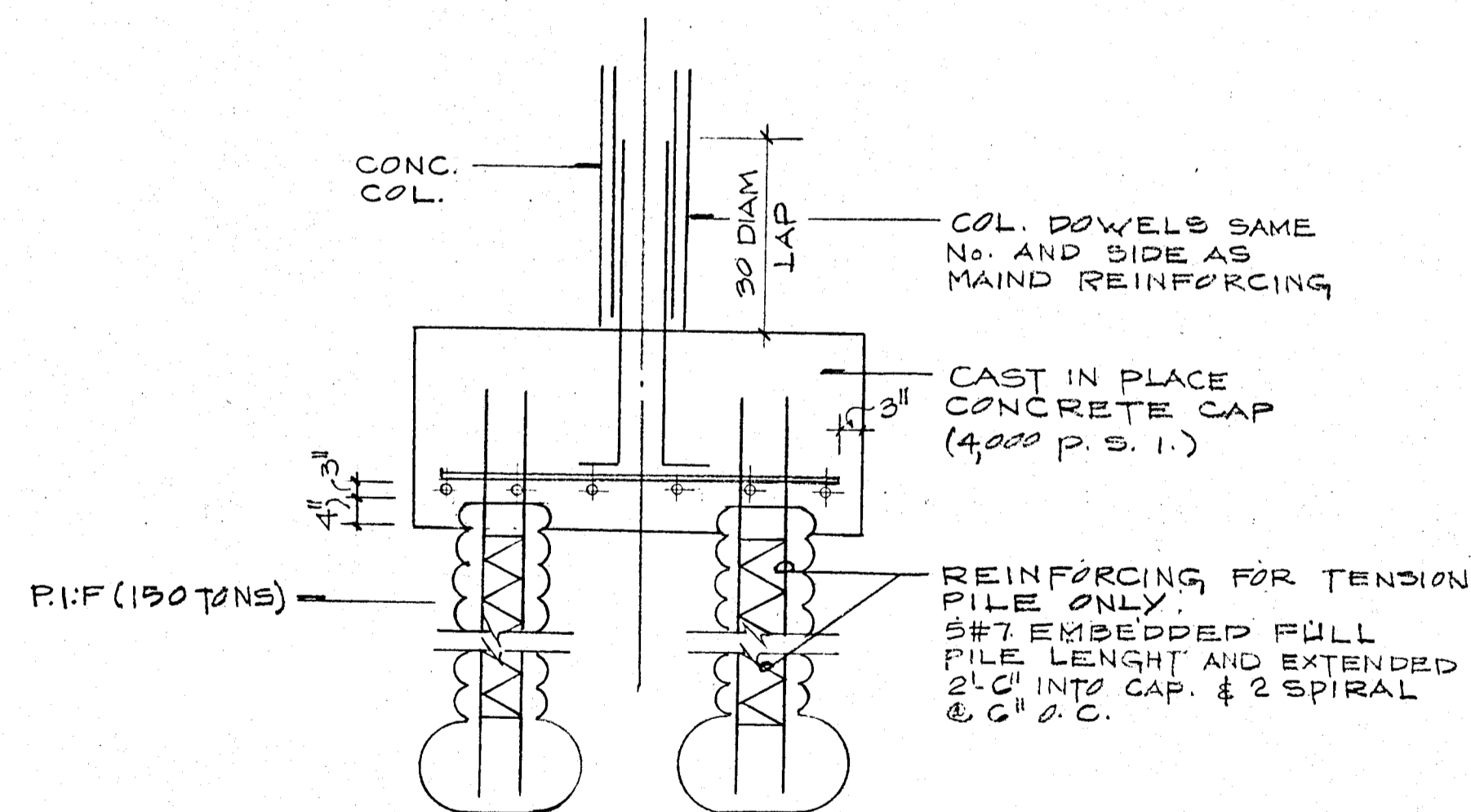
2 PIF
DEPTH = 3'-0"
7#6 LONG WAY
8#4 SHORT WAY



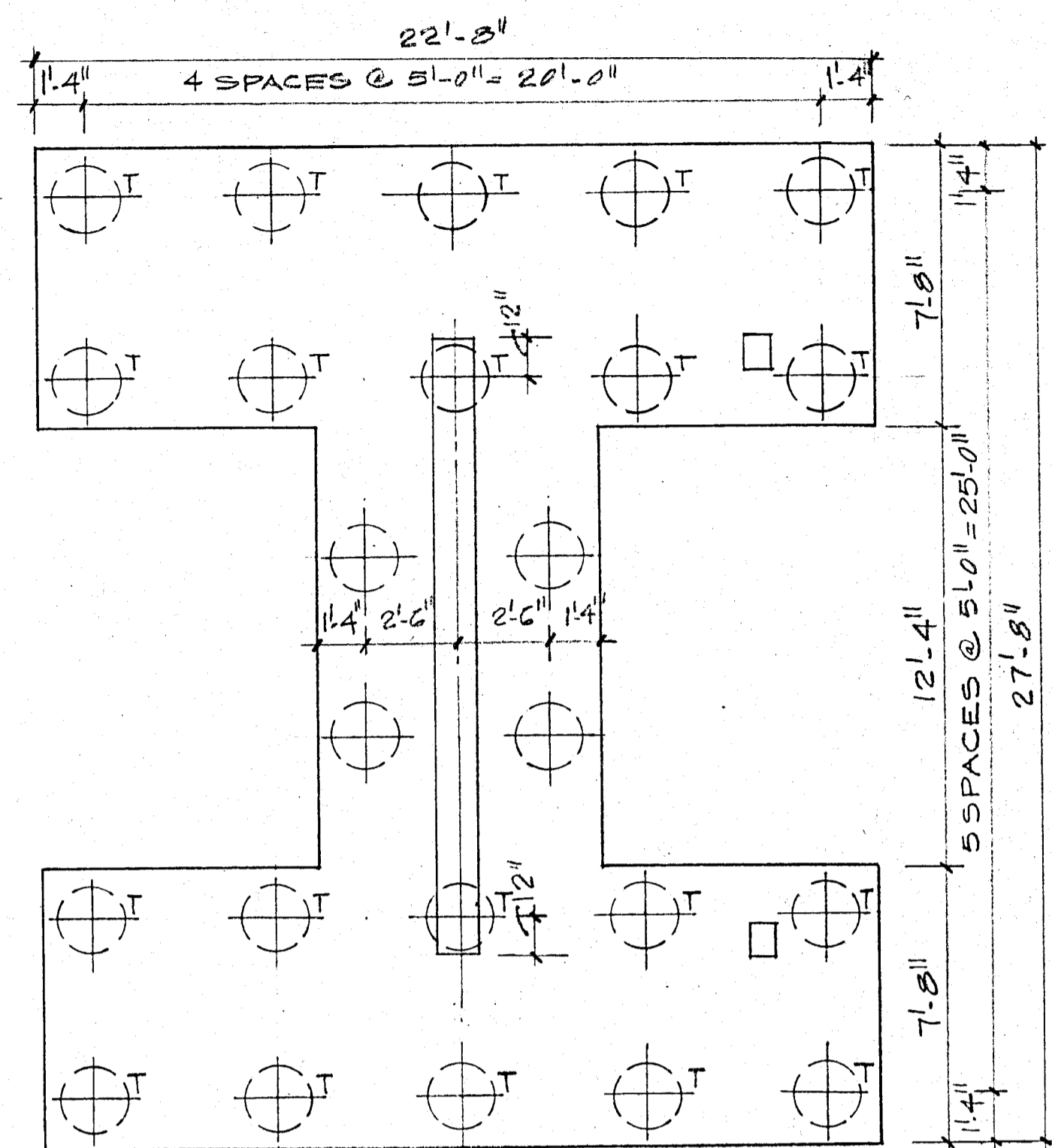
4 PIF
DEPTH = 3'-6"
12#7 EACH WAY



3 PIF
DEPTH = 3'-0"
8#6 3WAY



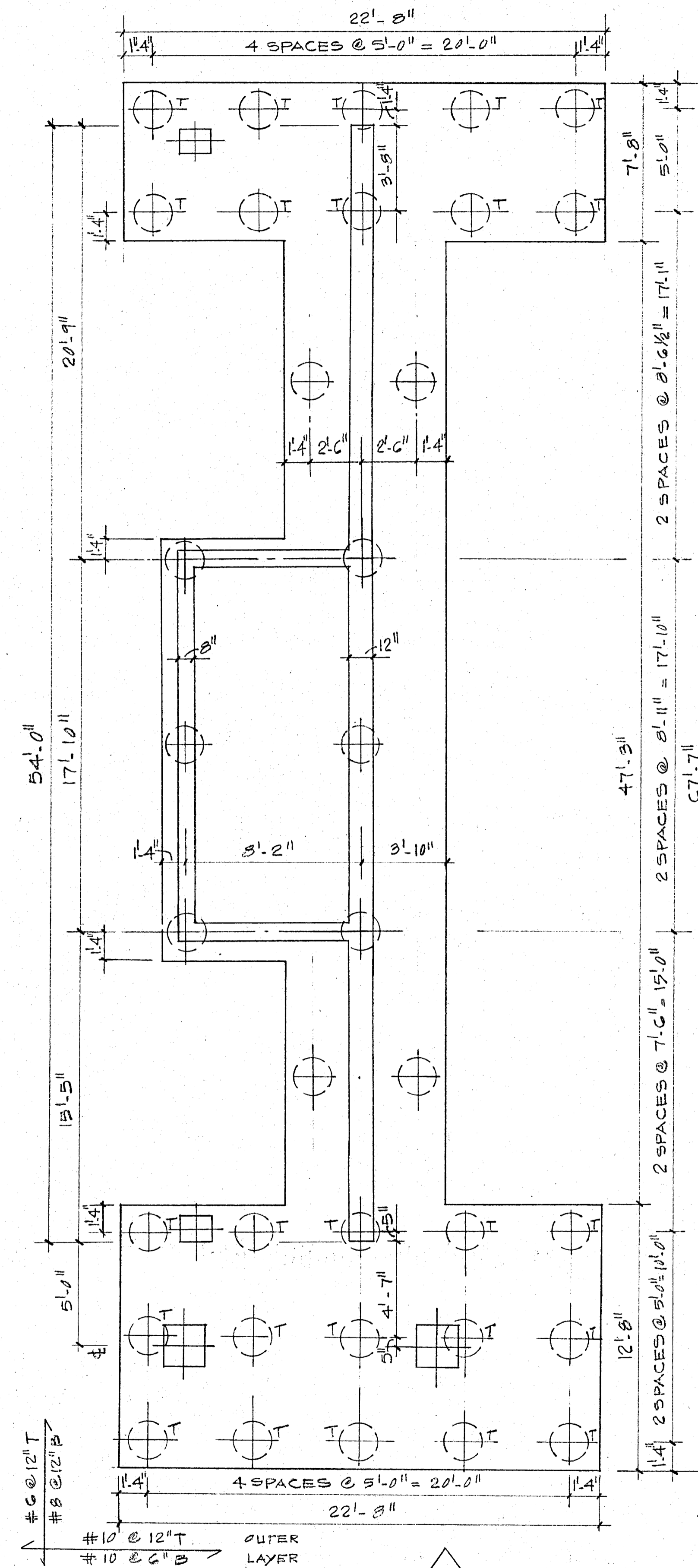
TYP PILE CAP SECTION



#6 @ 12" T
#8 @ 12" B
#7 @ 12" T
#10 @ 12" B
OUTER LAYER

24 PIF
DEPTH = 4'-0"
SCALE 1/4" = 1'-0"

NOTE
"T" DENOTES TENSION PILES



#6 @ 12" T
#8 @ 12" B
#10 @ 12" T
#10 @ 2" B
OUTER LAYER

35 PIF
DEPTH = 4'-0"
SCALE 1/4" = 1'-0"
NOTE: "T" (DENOTES TENSION PILES)

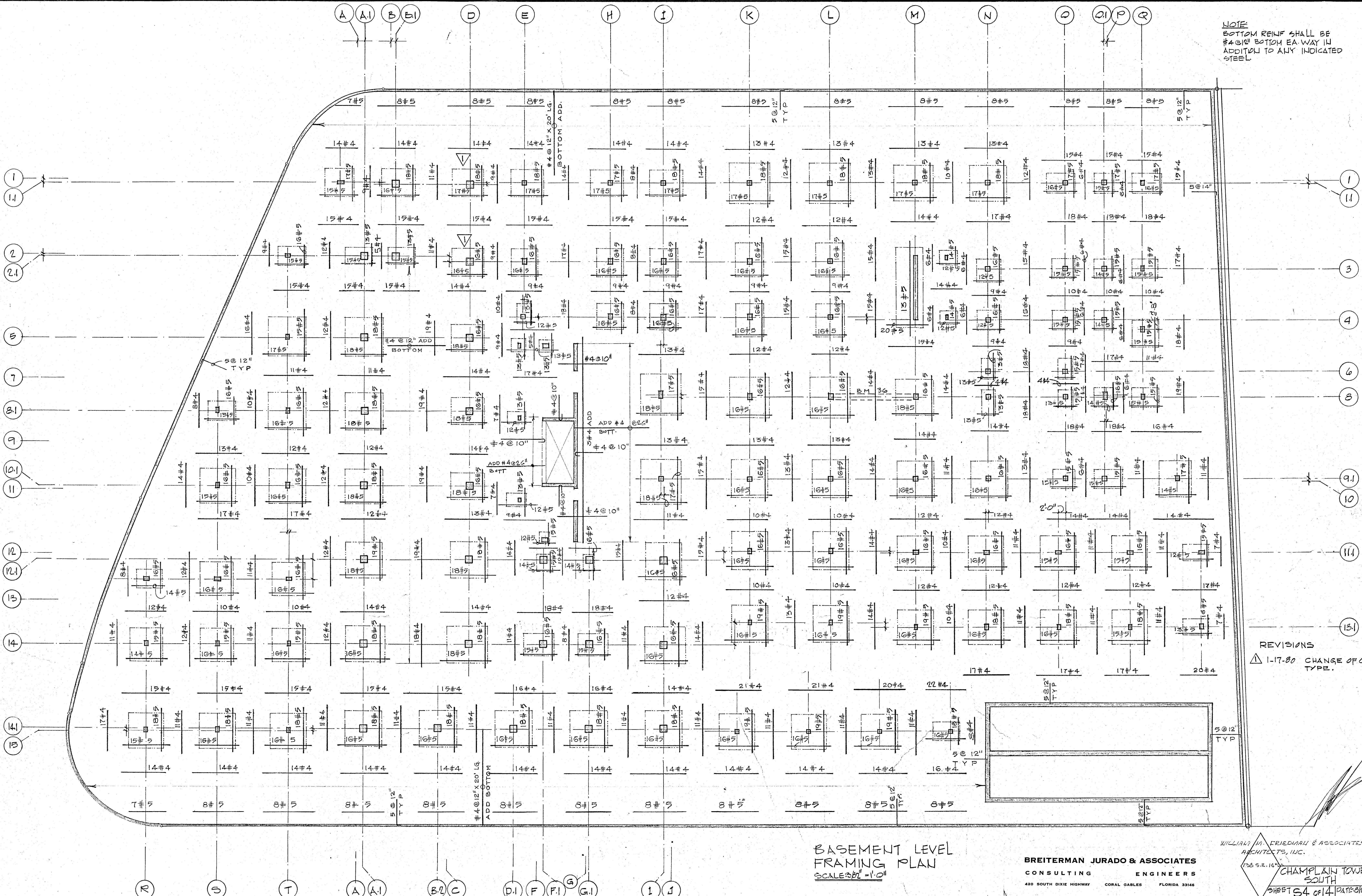
REVISIONS
△ GENERAL REVISIONS

PILE CAP DETAIL
SCALE AS SHOWN

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

CHAMPLAIN TOWERS SOUTH		
A 135 UNIT CONDOMINIUM		
COMM. NO.	DATE	SHEET NO.
	1-17-80	53 of 14
REV.	△	

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

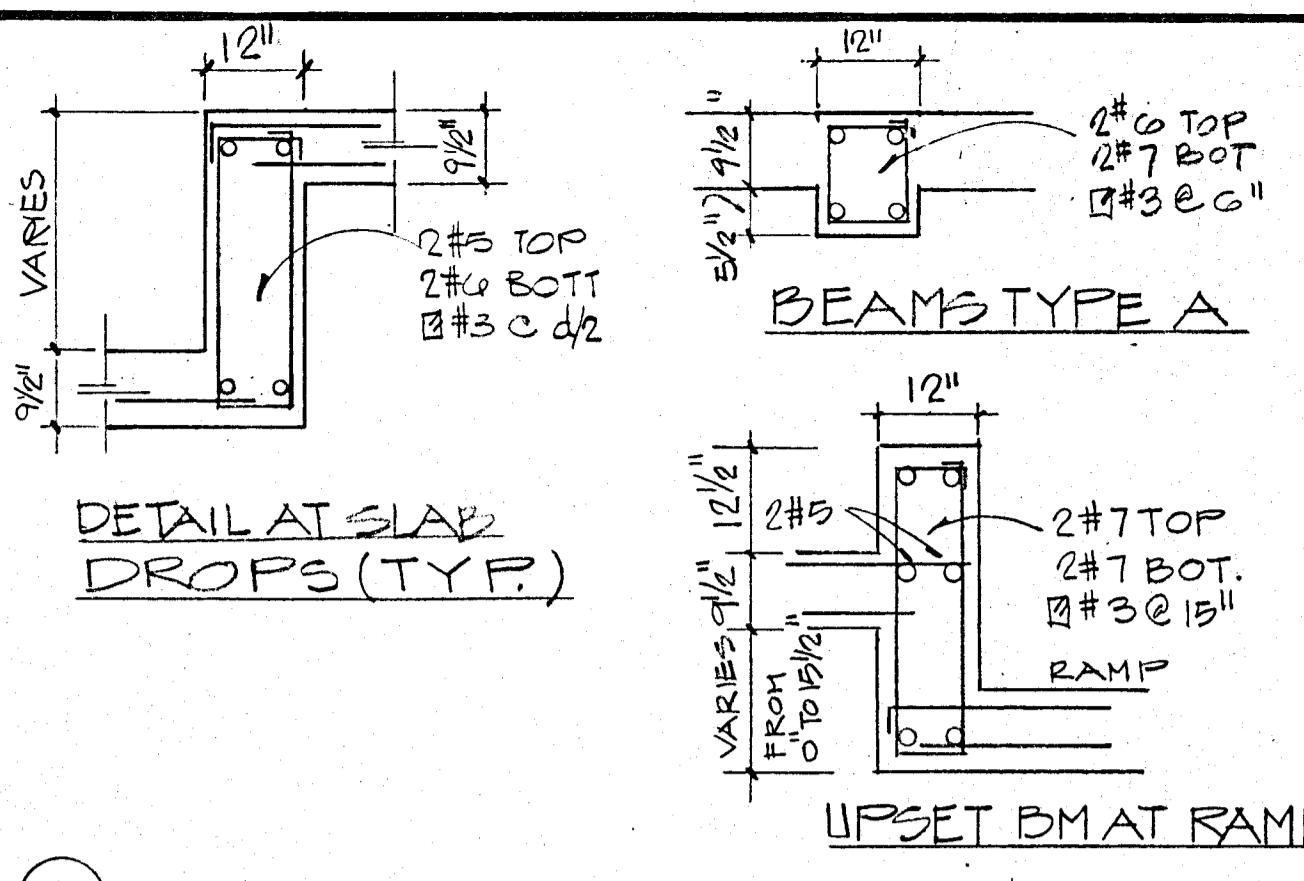
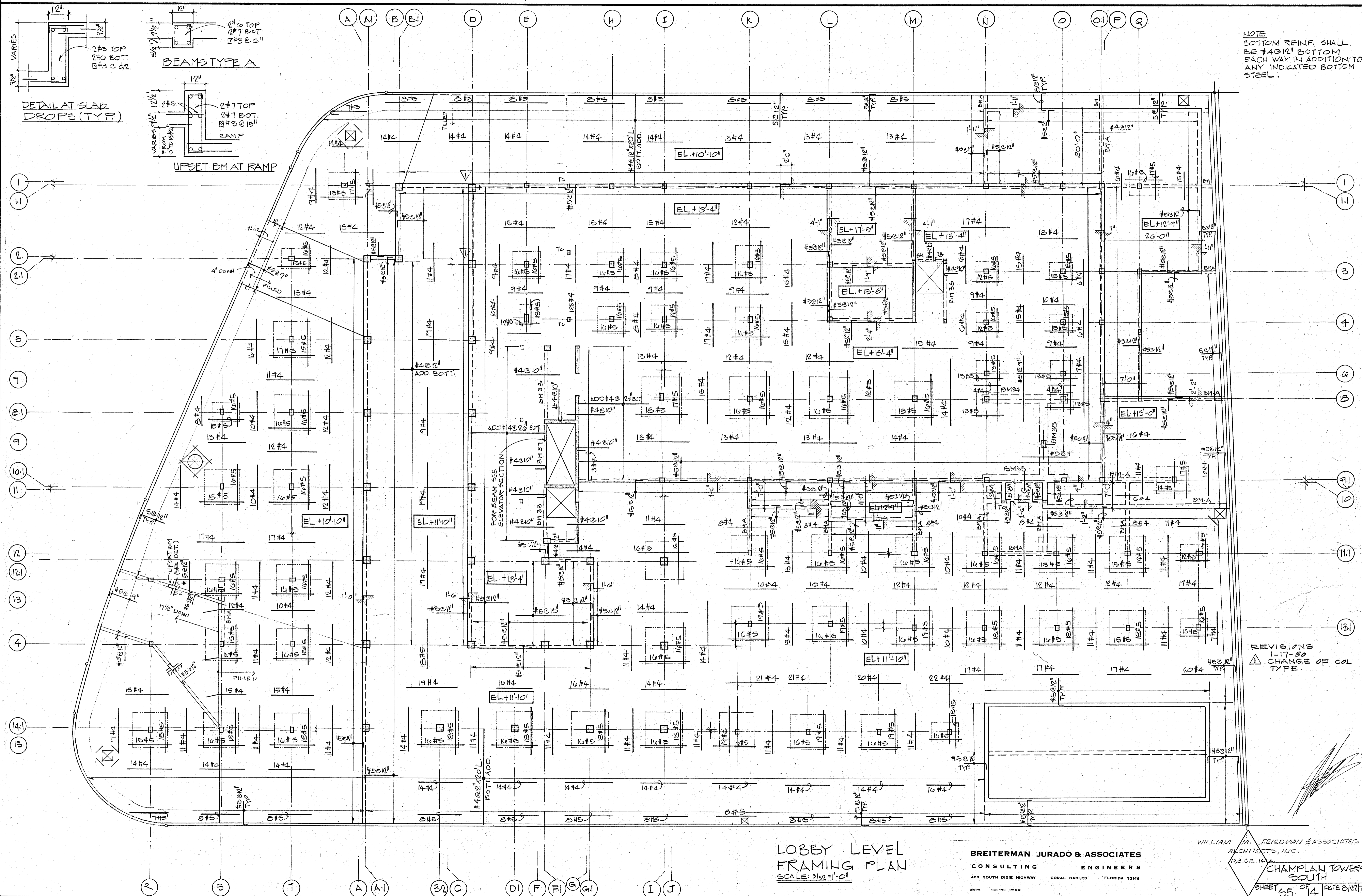


REVISIONS
 1-17-80 CHANGE OF COL TYPE.

BASEMENT LEVEL
 FRAMING PLAN
 SCALE 3/8" = 1'-0"

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

WILLIAM M. FRIEDMAN & ASSOCIATES
 ARCHITECTS, INC.
 138 S.E. 14TH ST.
 CHAMPLAIN TOWERS
 SOUTH
 SHEET S4 OF 14 DATE 02/11/78



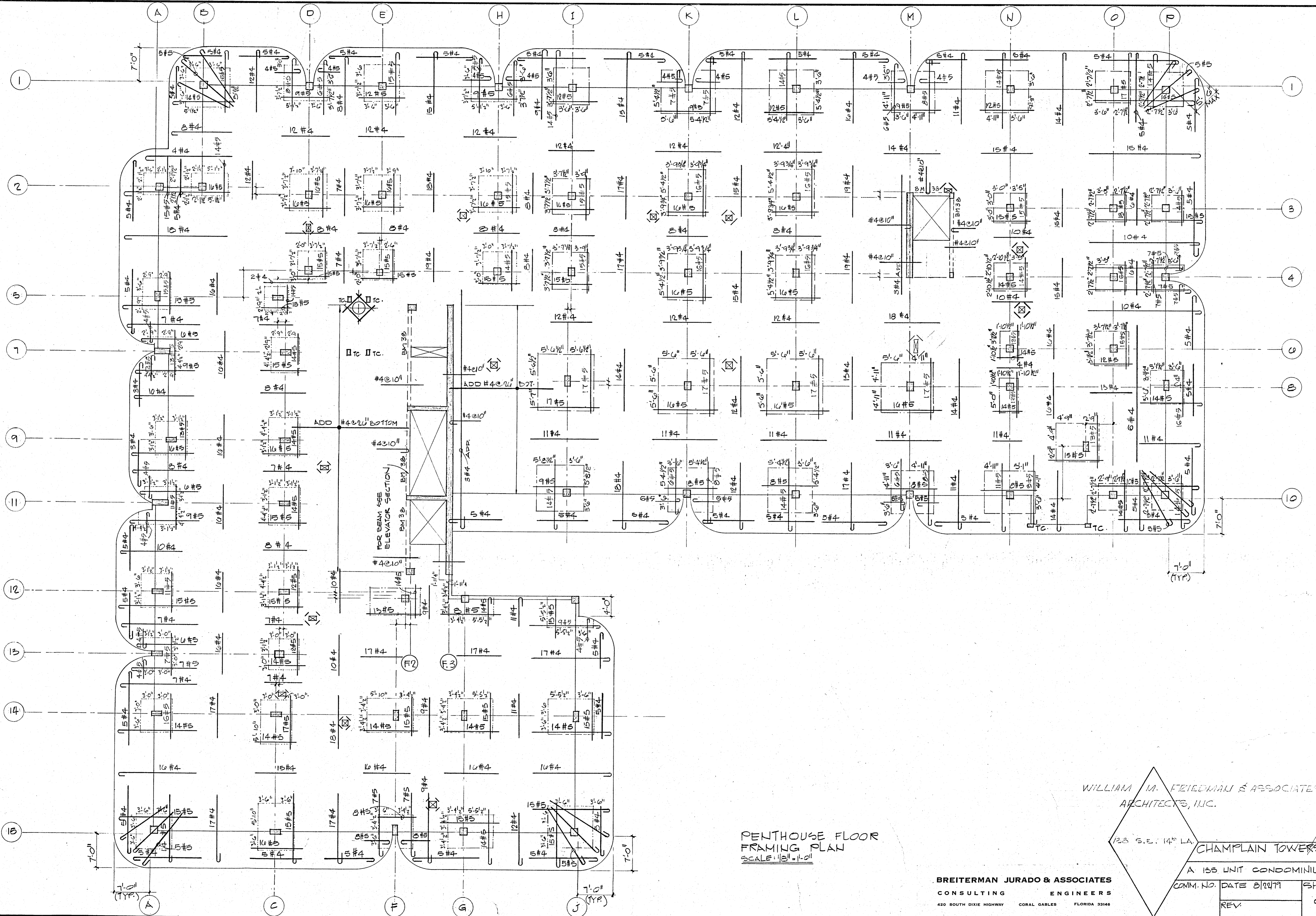
NOTE
 BOTTOM REINF. SHALL
 BE #4@12" BOTTOM
 EACH WAY IN ADDITION TO
 ANY INDICATED BOTTOM
 STEEL.

REVISIONS
 1-17-80
 CHANGE OF COL
 TYPE.

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

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

WILLIAM M. FRIEDMAN & ASSOCIATES
 ARCHITECTS, INC.
 123 S.E. 14th
 CHAMPLAIN TOWERS
 SOUTH
 SHEET 65 OF 14 DATE 8/10/74



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

WILLIAM M. FRIEDMAN & ASSOCIATES
ARCHITECTS, ILLC.

123 S.E. 14TH LA.

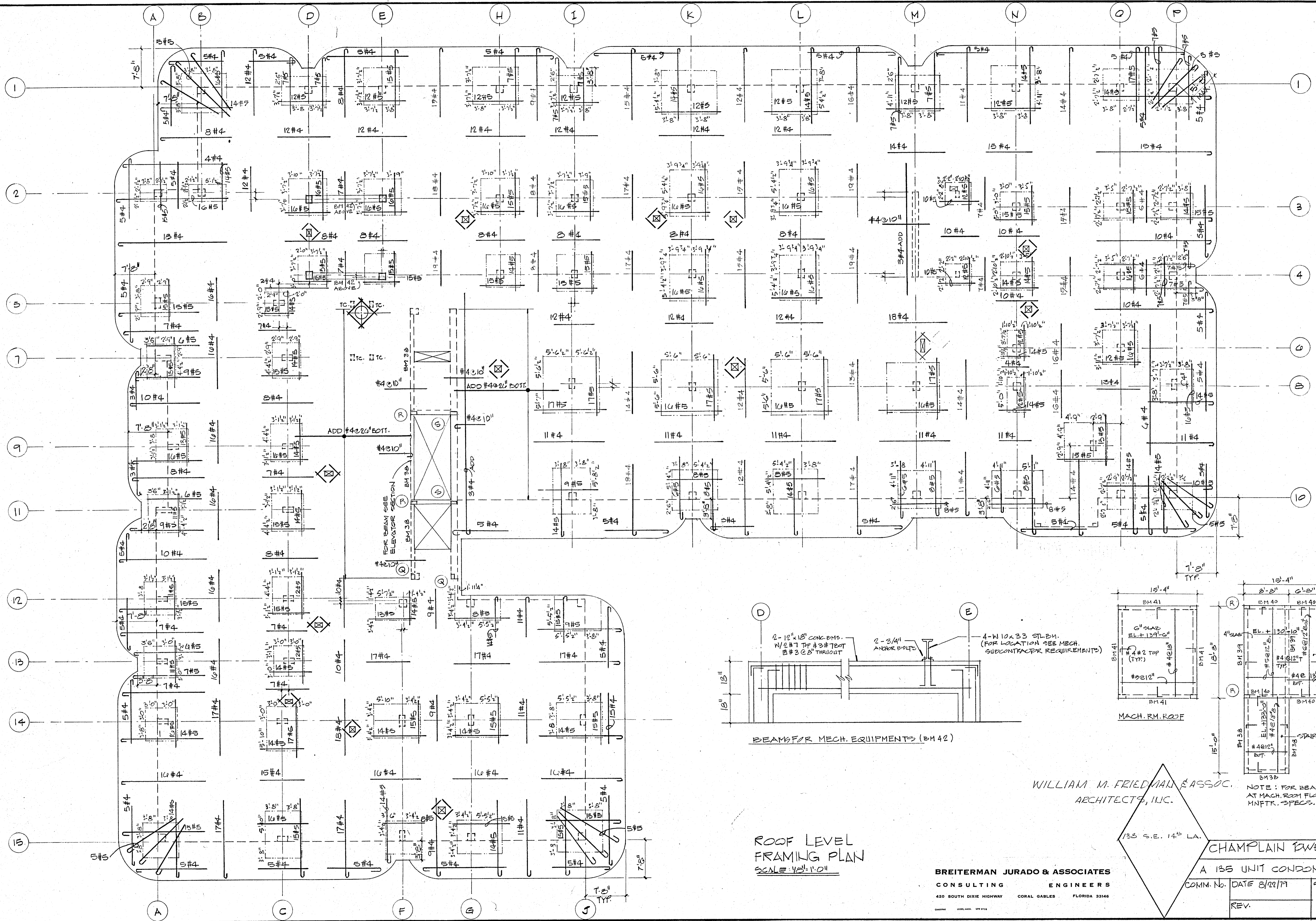
CHAMPLAIN TOWERS SOUTH

A 135 UNIT CONDOMINIUM

COMM. NO. DATE 01/24/79 SHEET NO. 39 OF 14

REV

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



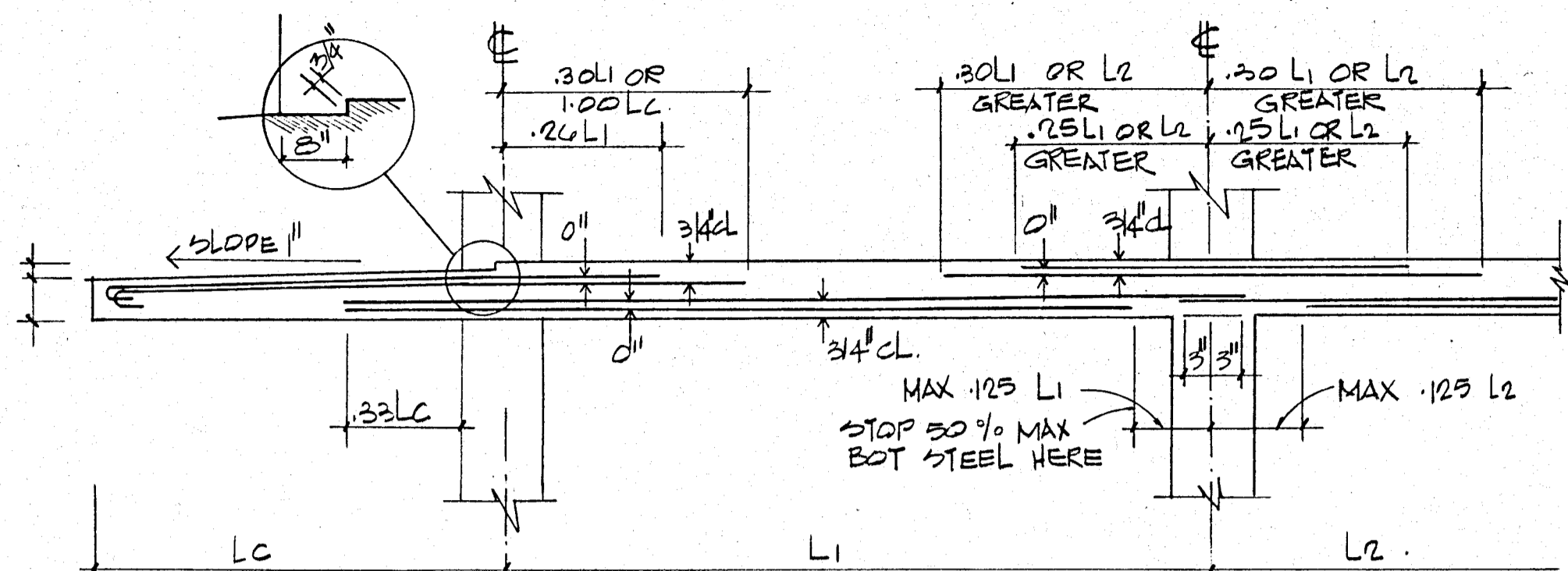
ROOF LEVEL FRAMING PLAN
SCALE: 1/8" = 1'-0"

WILLIAM M. FRIEDMAN & ASSOC.
ARCHITECTS, I.L.C.

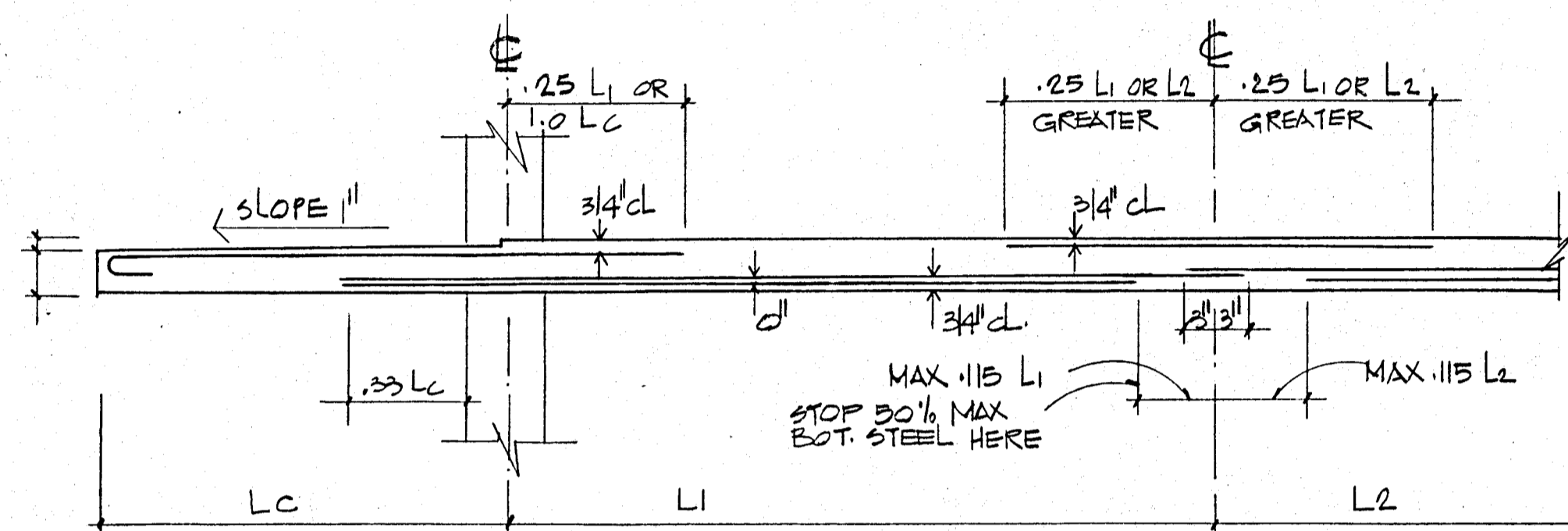
BREITERMAN JURADO & ASSOCIATES
CONSULTING ENGINEERS
420 SOUTH DIXIE HIGHWAY CORAL GABLES FLORIDA 33146

CHAMPLAIN TOWERS SOUTH		
A 135 UNIT CONDOMINIUM		
COMM. No.	DATE 8/22/79	SHEET No.
REV.		510 of 14

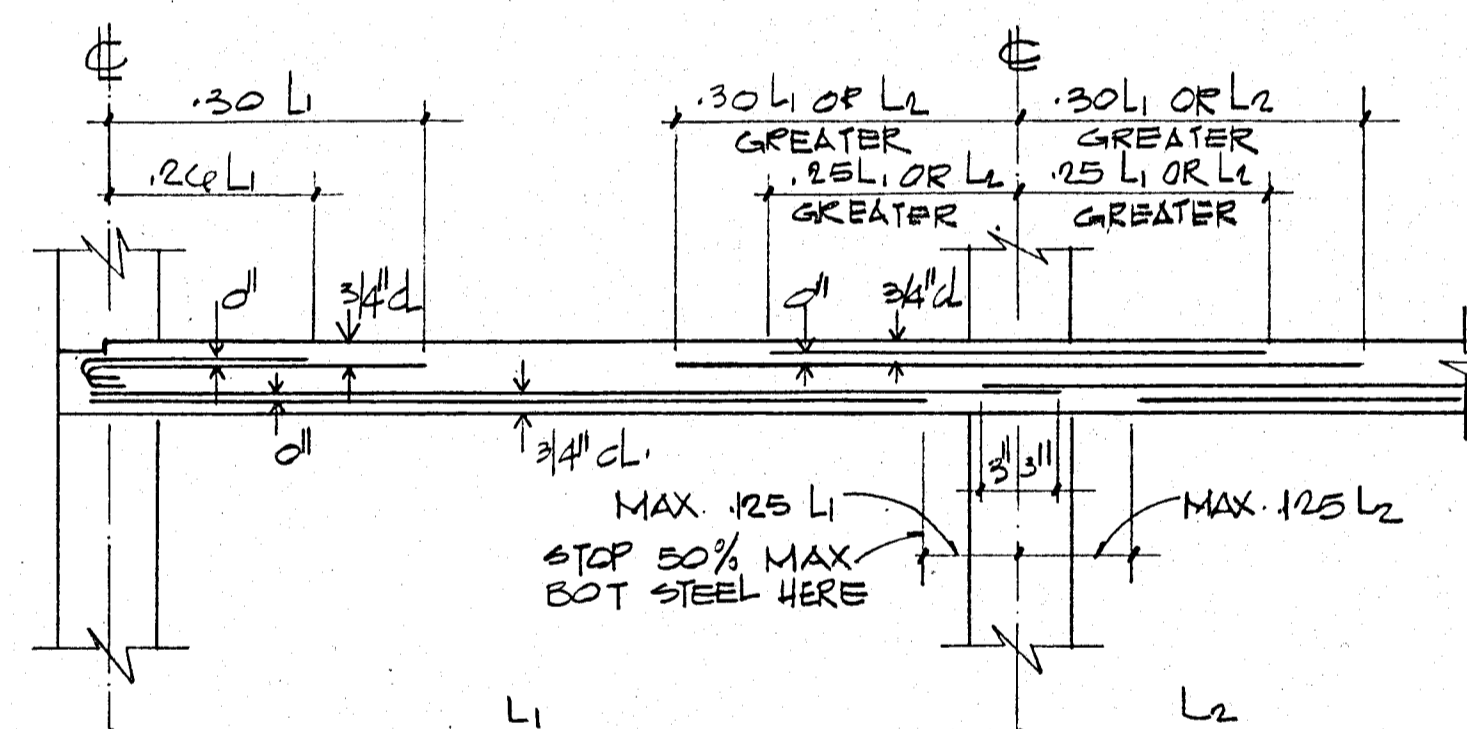
NOTE: FOR BEAM POCKETS AT MACH. ROOM FLOOR SEE MNFR. SPECS.



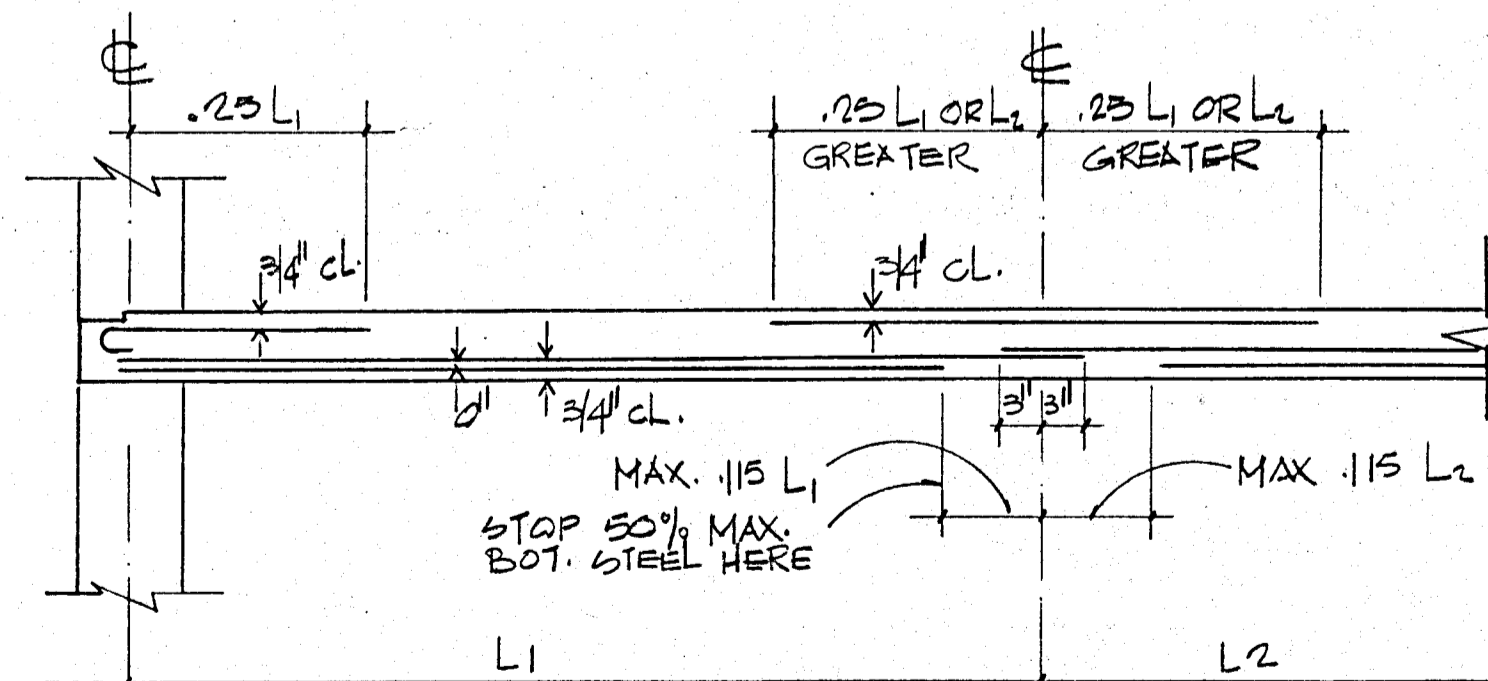
TYP. COLUMN STRIP WITH CANTILEVER
NTS



TYP. MIDDLE STRIP WITH CANTILEVER
NTS

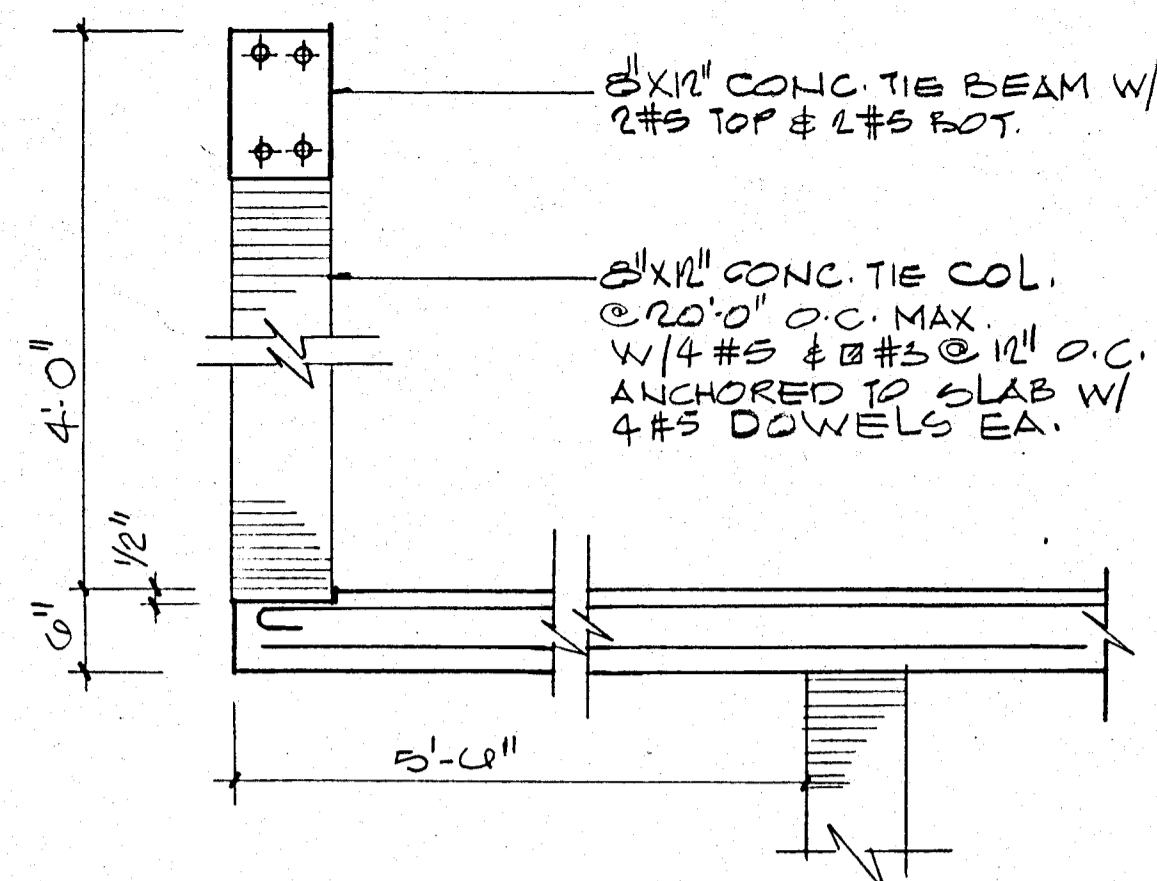


TYP. COLUMN STRIP
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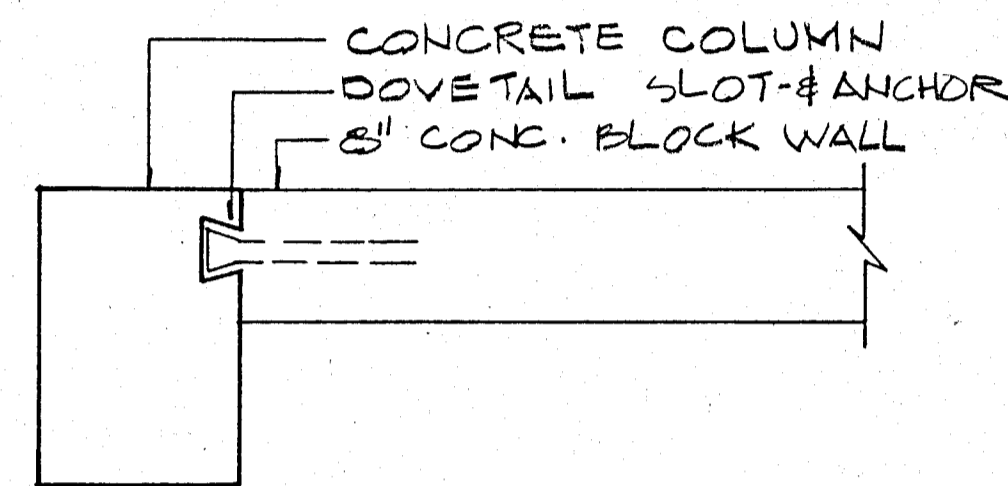


TYP. MIDDLE STRIP
NTS

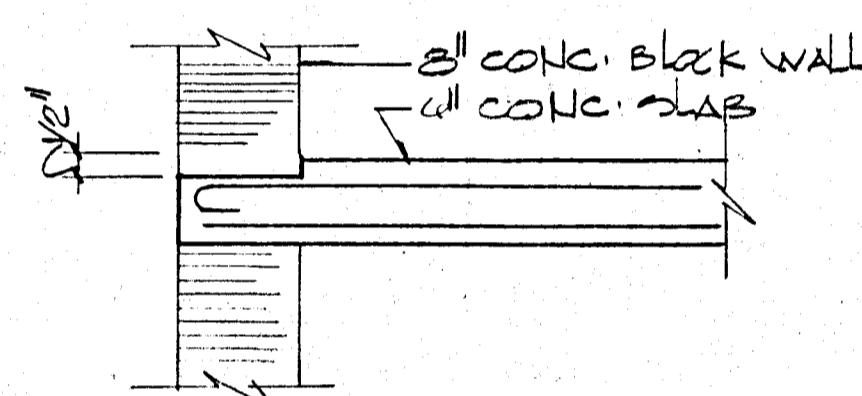
TYPICAL BAR DIAGRAM-FLAT SLABS
(UNLESS OTHERWISE NOTED)



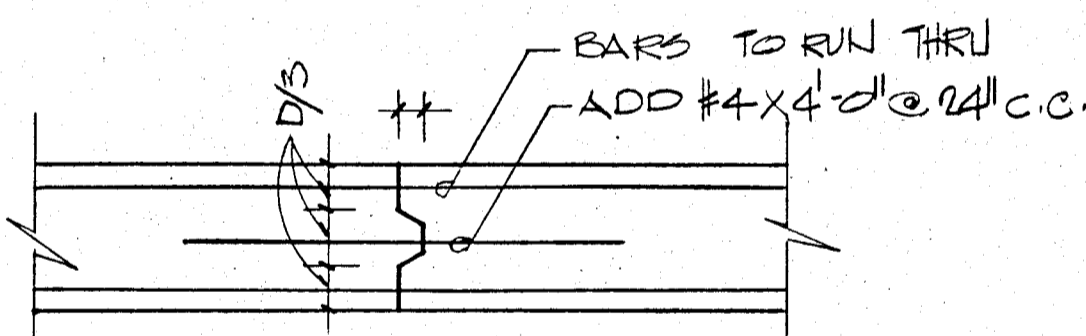
PARAPET DETAIL (TYPICAL)



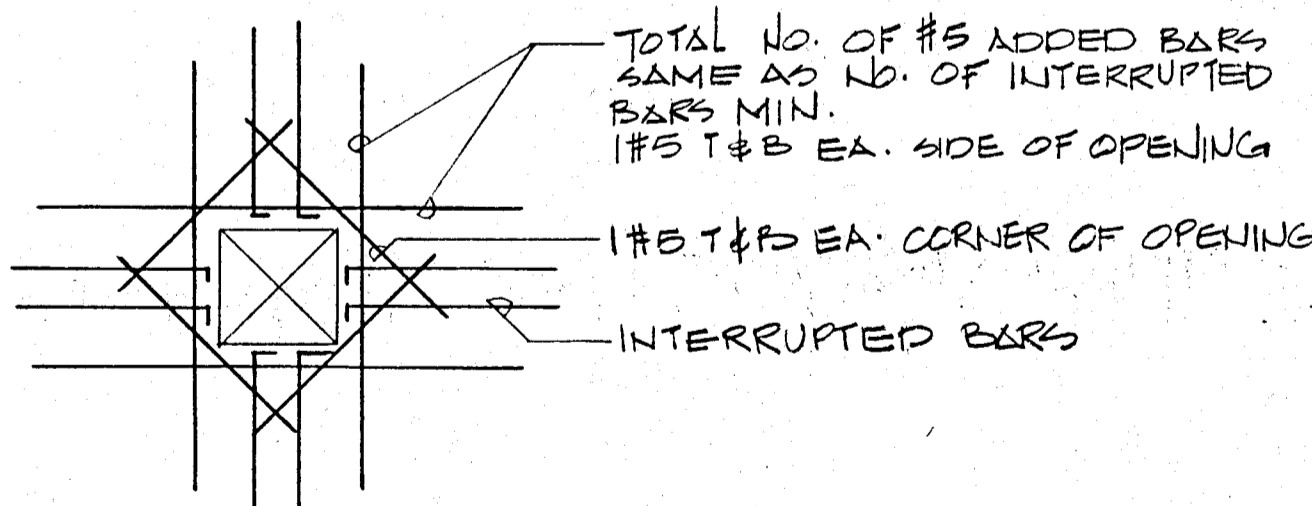
MASONRY ANCHORAGE DETAIL
NTS



SLAB DEPRESSION
AT EXTERIOR WALLS

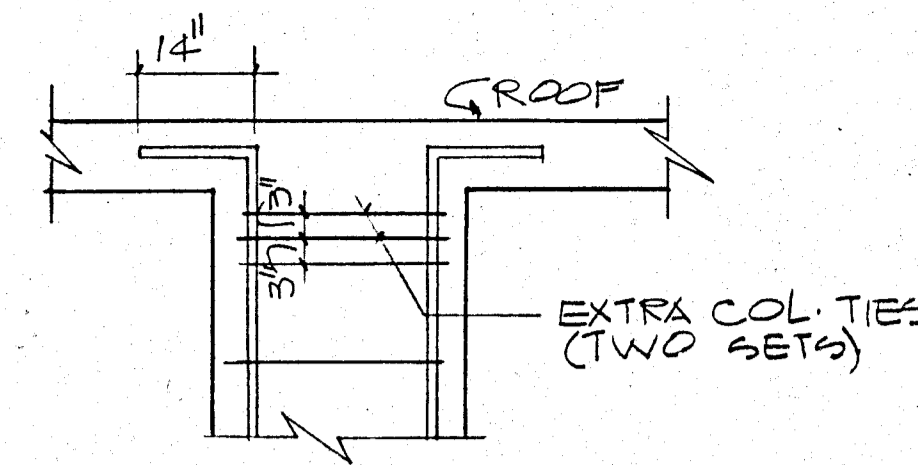


CONSTRUCTION JOINT DETAIL
NTS

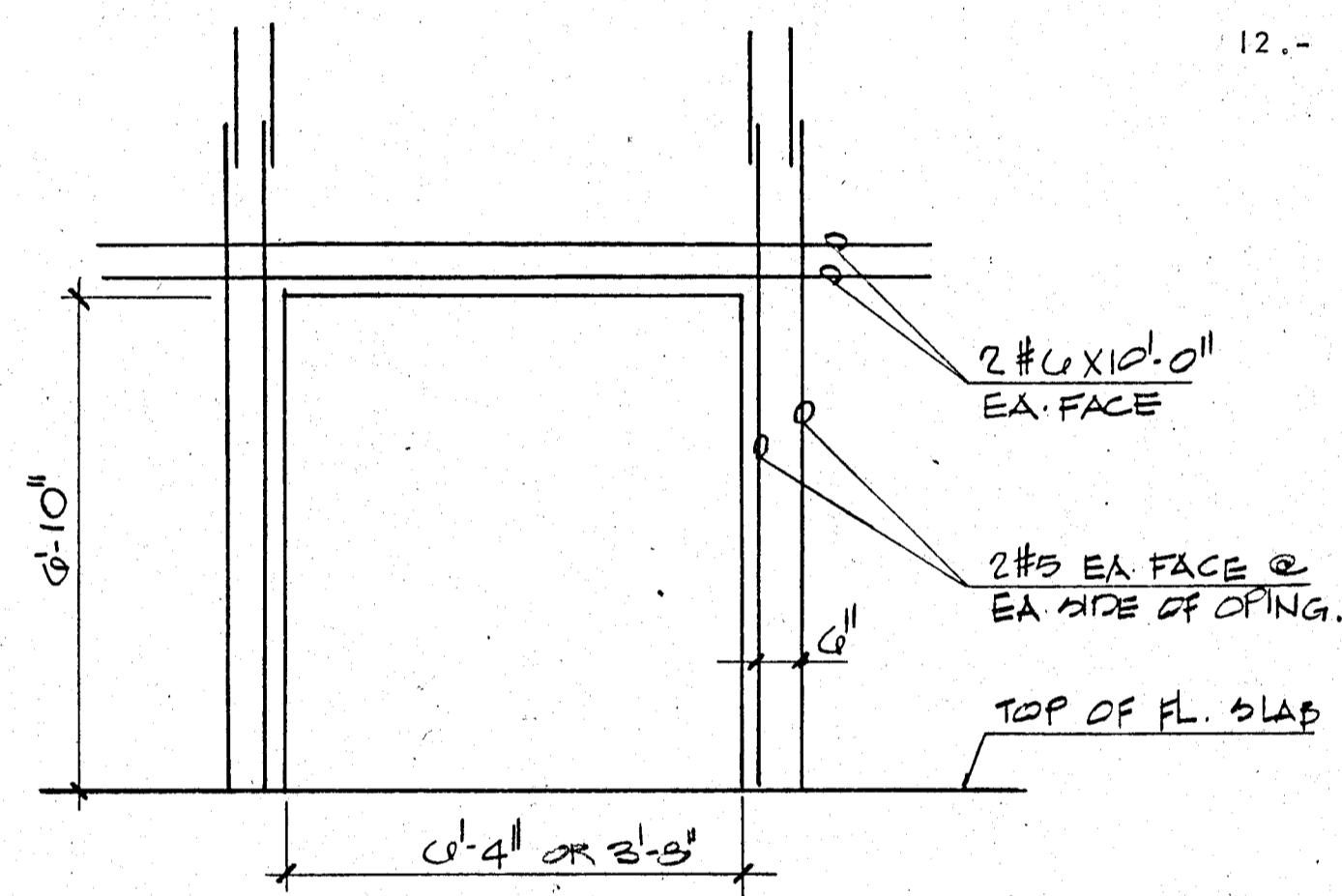


SLAB OPENING DET

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, ILLC.

133 S.E. 14th LA

CHAMPLAIN TOWERS SOUTH

A 155 UNIT CONDOMINIUM

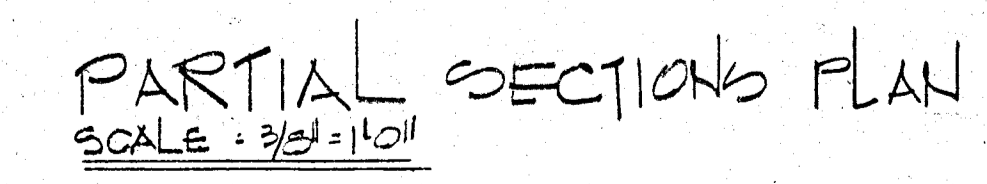
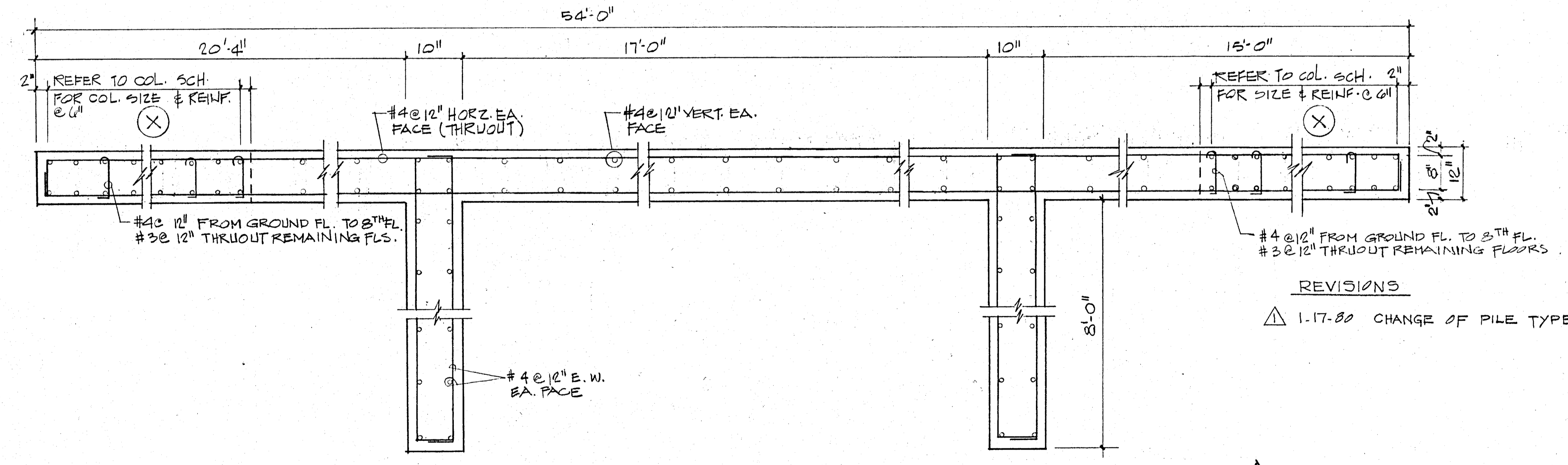
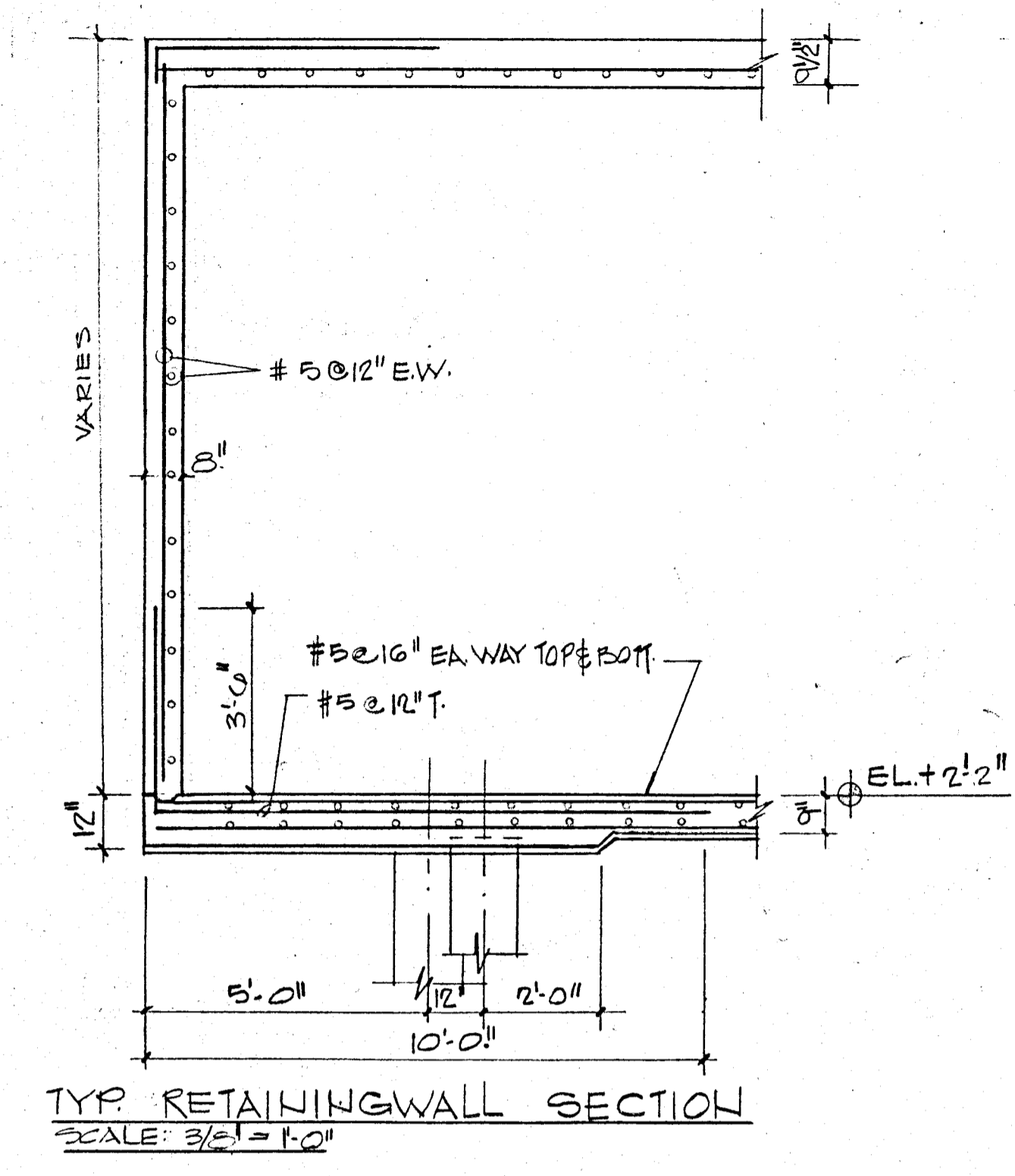
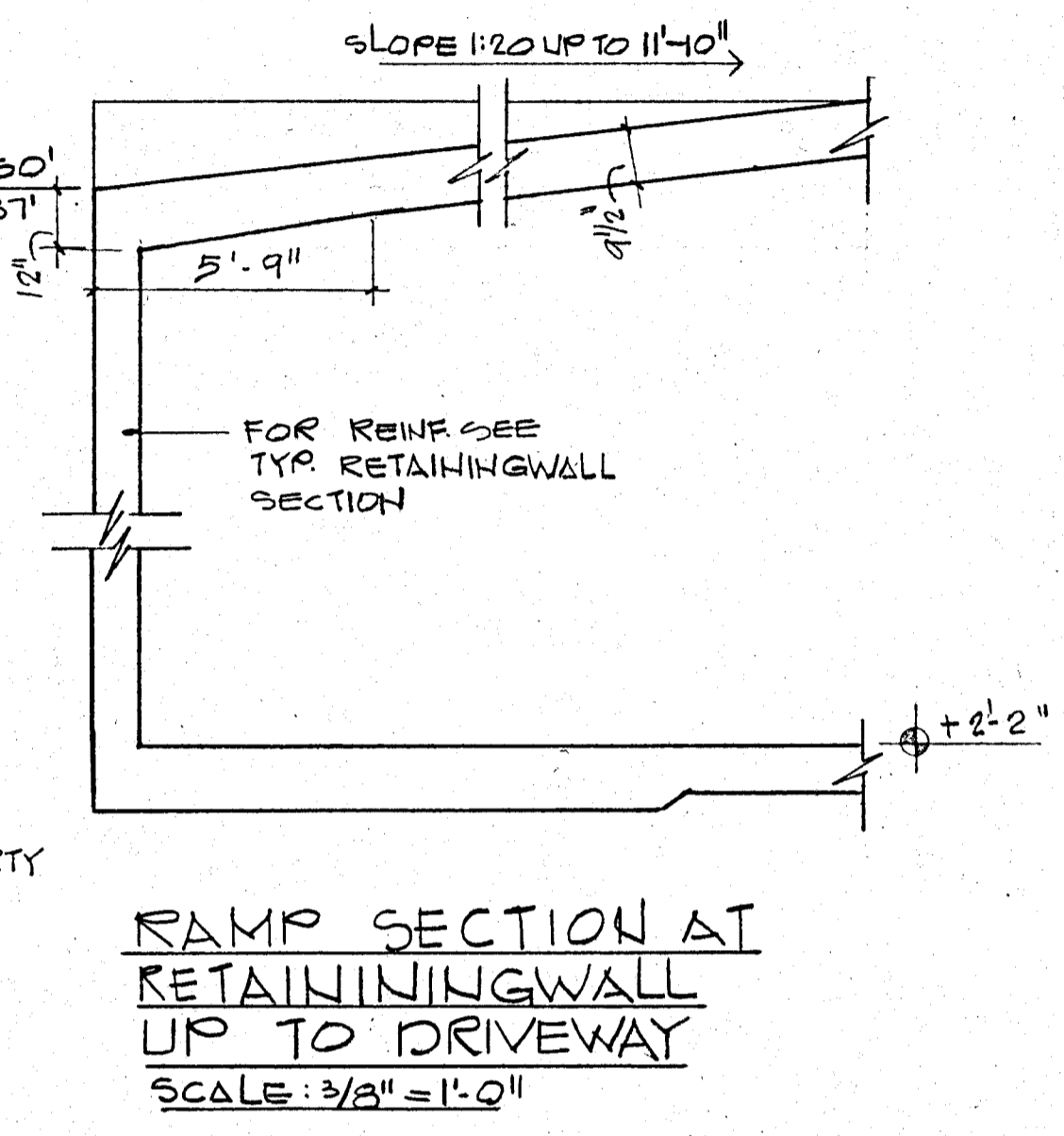
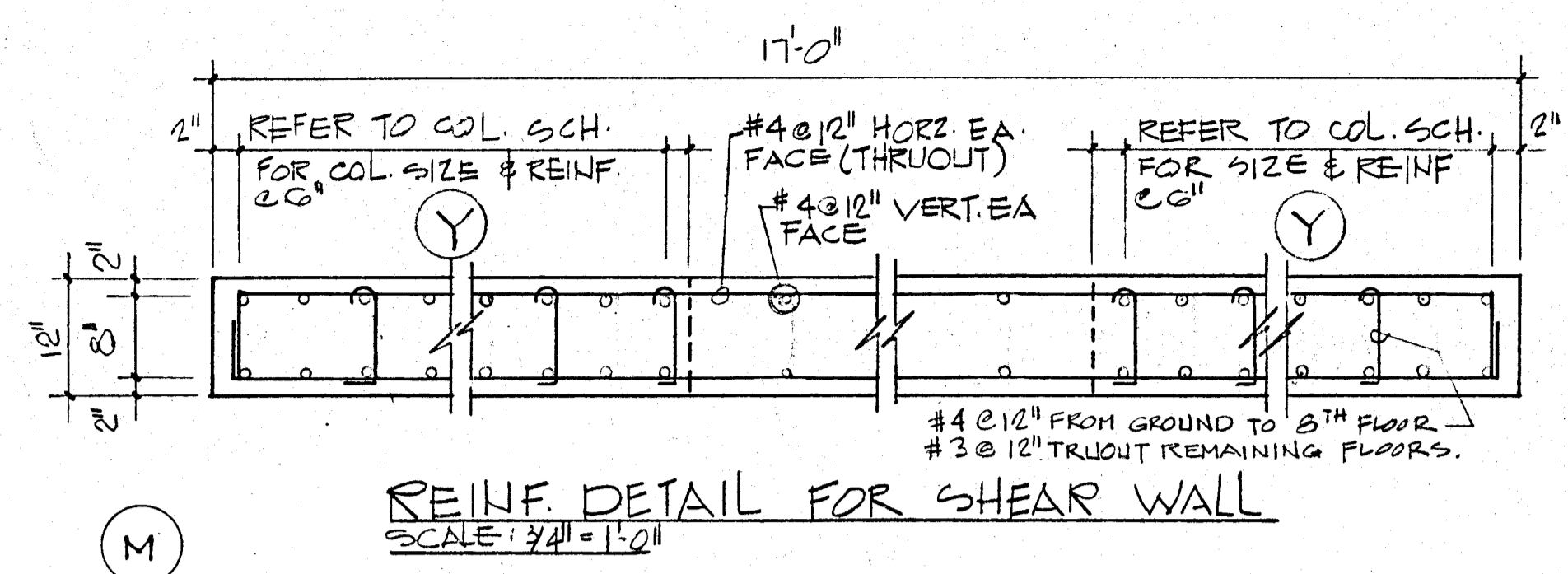
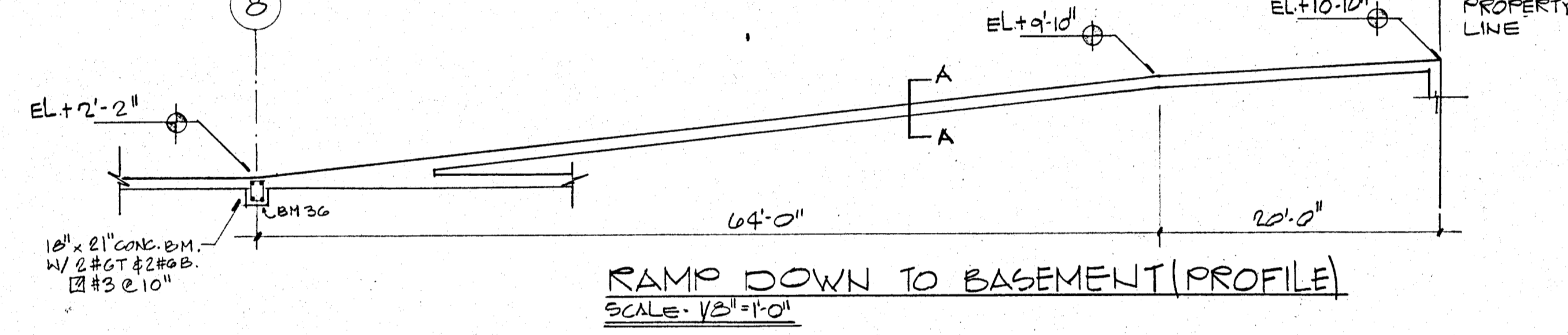
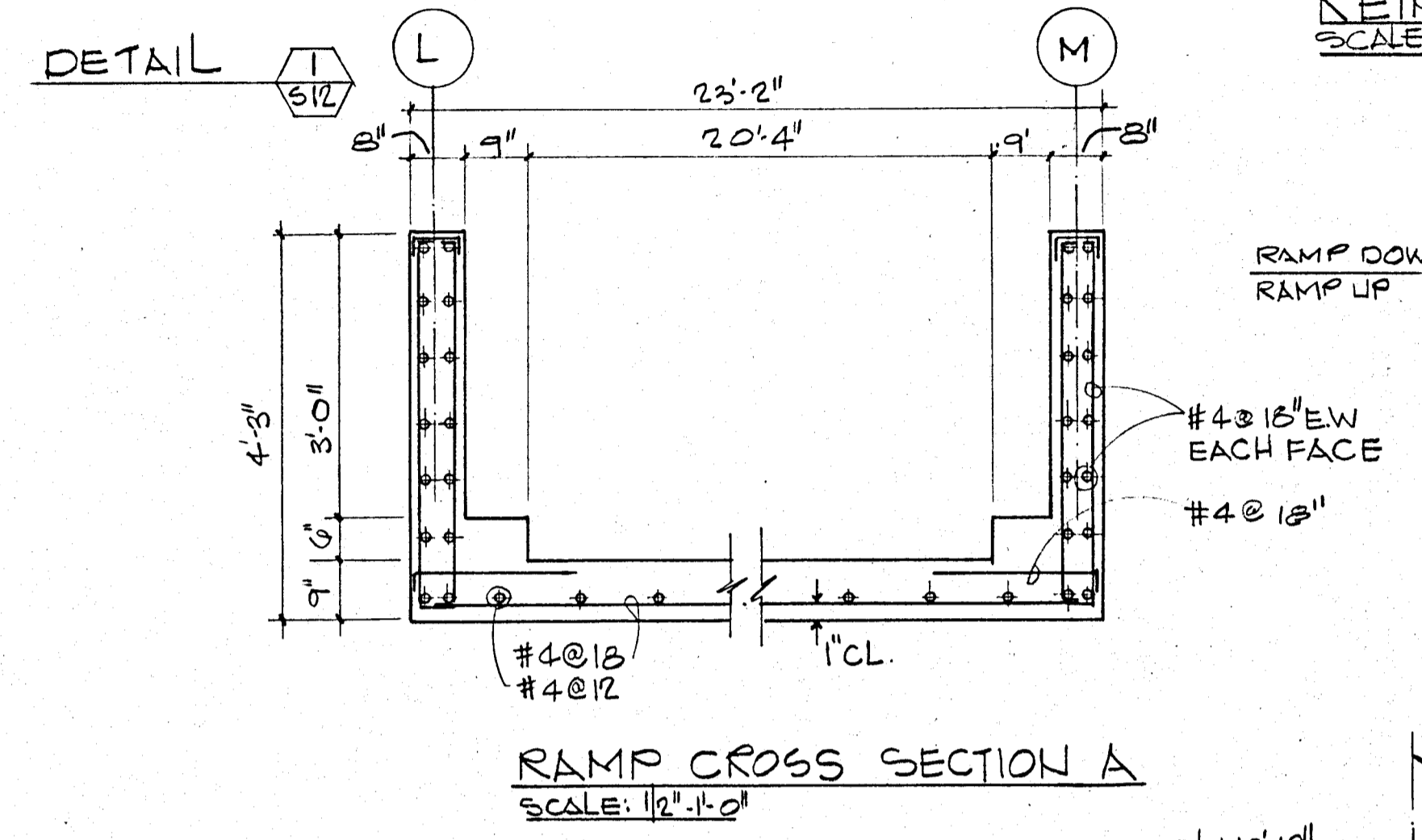
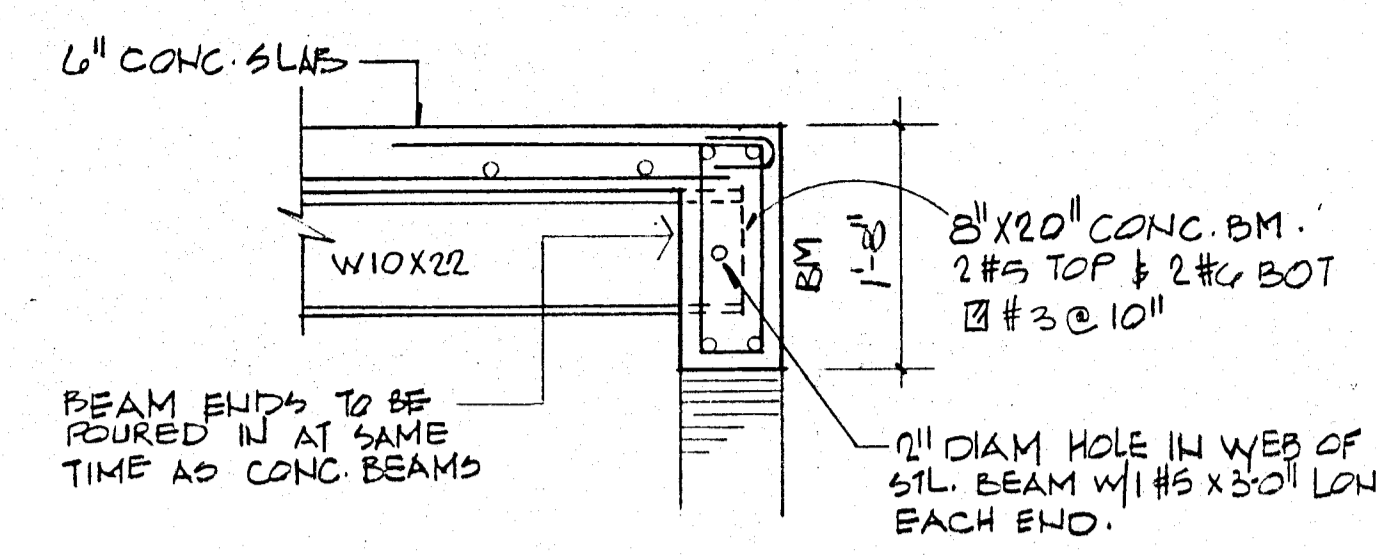
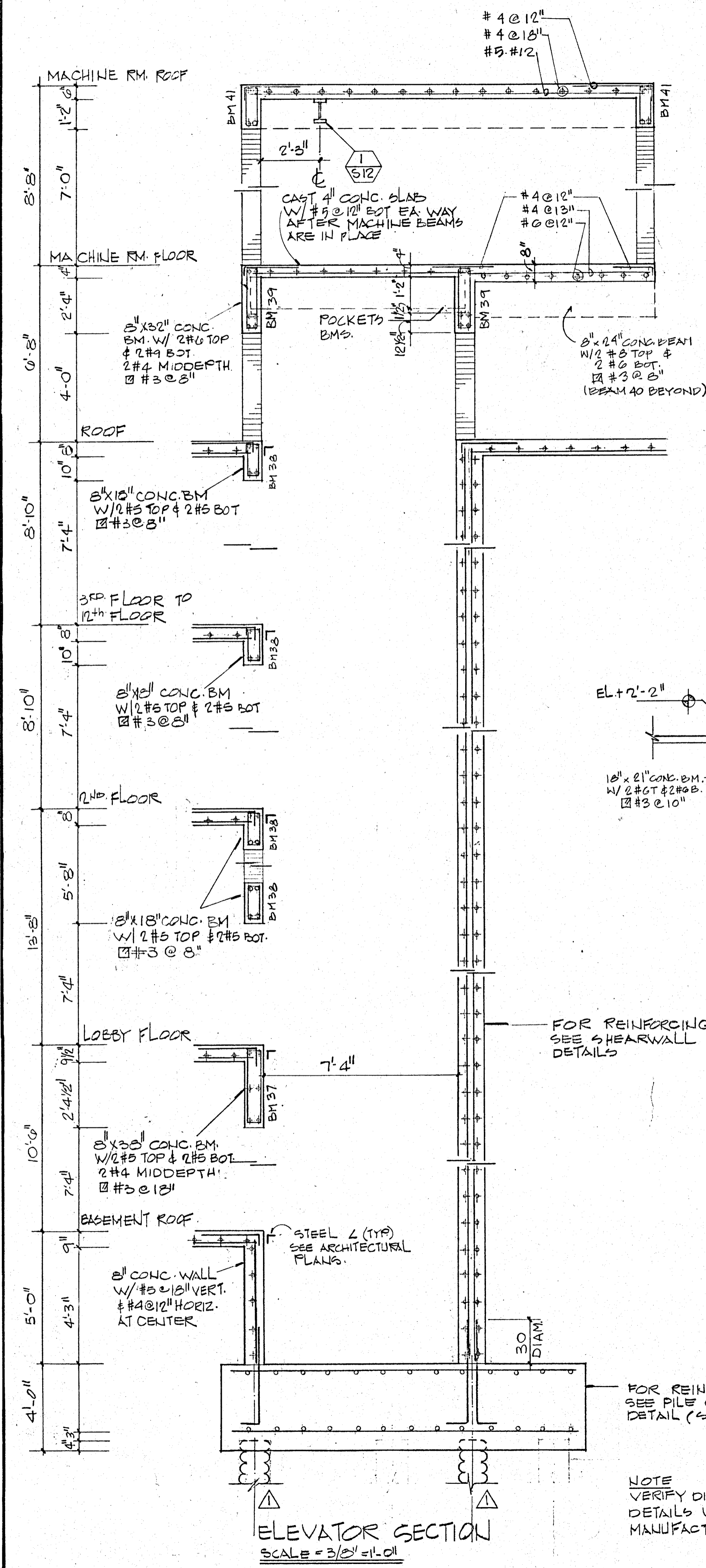
COMM. NO. DATE 8/22/79

SHEET NO.

REV.

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



REVISIONS
 1. 1.17.80 CHANGE OF PILE TYPE

WILLIAM M. FRIEDMAN & ASSOCIATES
ARCHITECTS, INC.

135 S.E. 14th LA.

CHAMPLAIN TOWERS SOUTH
A 135 UNIT CONDOMINIUM

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

NOTE
VERIFY DIMENSIONS AND
DETAILS WITH ELEVATOR
MANUFACTURER SPECIFICATIONS