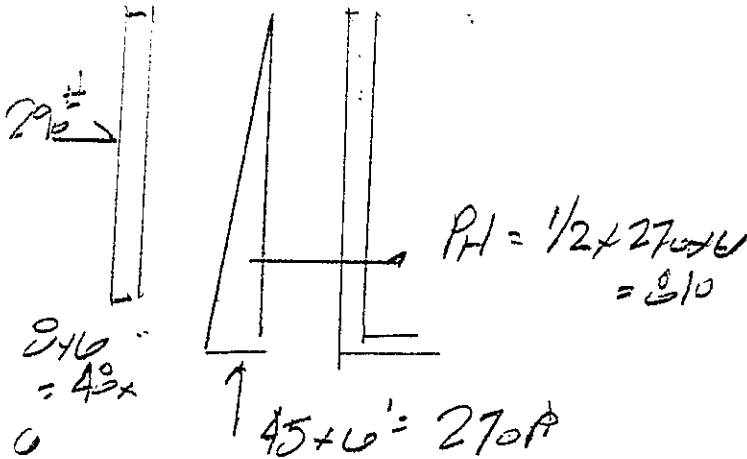


SCOPE OF WORK:

DESIGN AND DETAILS FOR FIVE SHARPEDED POOL
STAND 2 SHEETS A1 - A2 CONTAINED WITHIN.

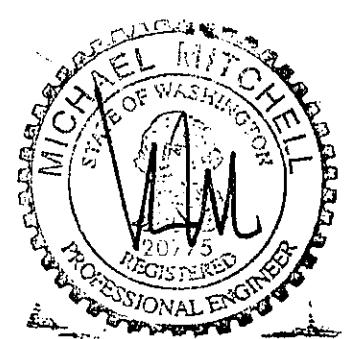
CODP POOL WALL



M-T. $27'0'' \times \frac{1}{3} = 1620 \text{ FT-LB} + 29'0'' \times 3' = 870$

$2490 \times 1.7 + 12 / 4900000$

$= 0.21 = 4 @ 10''$
 HORIZONTAL
 > VERTICAL



PREPARED BY M.M. PROJECT KRISLO POOLS SHEET NO. #1 OF 12
 DATE 8/1/22 SUBJECT KONERLI JOB NO. 022-291

STRUCTURAL SLAB BTW. GRADES #1 / #2 (LH=

$(10\frac{1}{2}) \times 150 = 125$
 $0.22 \times 10' = 372 - 500 \# / FT^2$

$500 \times 9\frac{1}{2} = 500 \times 12 / 40,000 \times 7' = 0.21 \times 1.7 = 9.3 -$

#5 @ 10' OC E.WAY

PILE SPACING - $500 \times 10' = 5000 \#$

$3000 / 500 = 6'$ PILE SPACING

GRADE BEAM

$5000 \# \times 1.7 \times 6\frac{1}{2} = 30250 \times 12 / 40000 \times 14'$

$0.54 = 6.93$
(3) #5

PREPARED BY M.H.
DATE 2/1/22

PROJECT KOMERU
SUBJECT _____

SHEET NO. #2 OF _____
JOB NO. 022-291

PIPE PILING NOTES

CODE: DESIGN IS IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE.

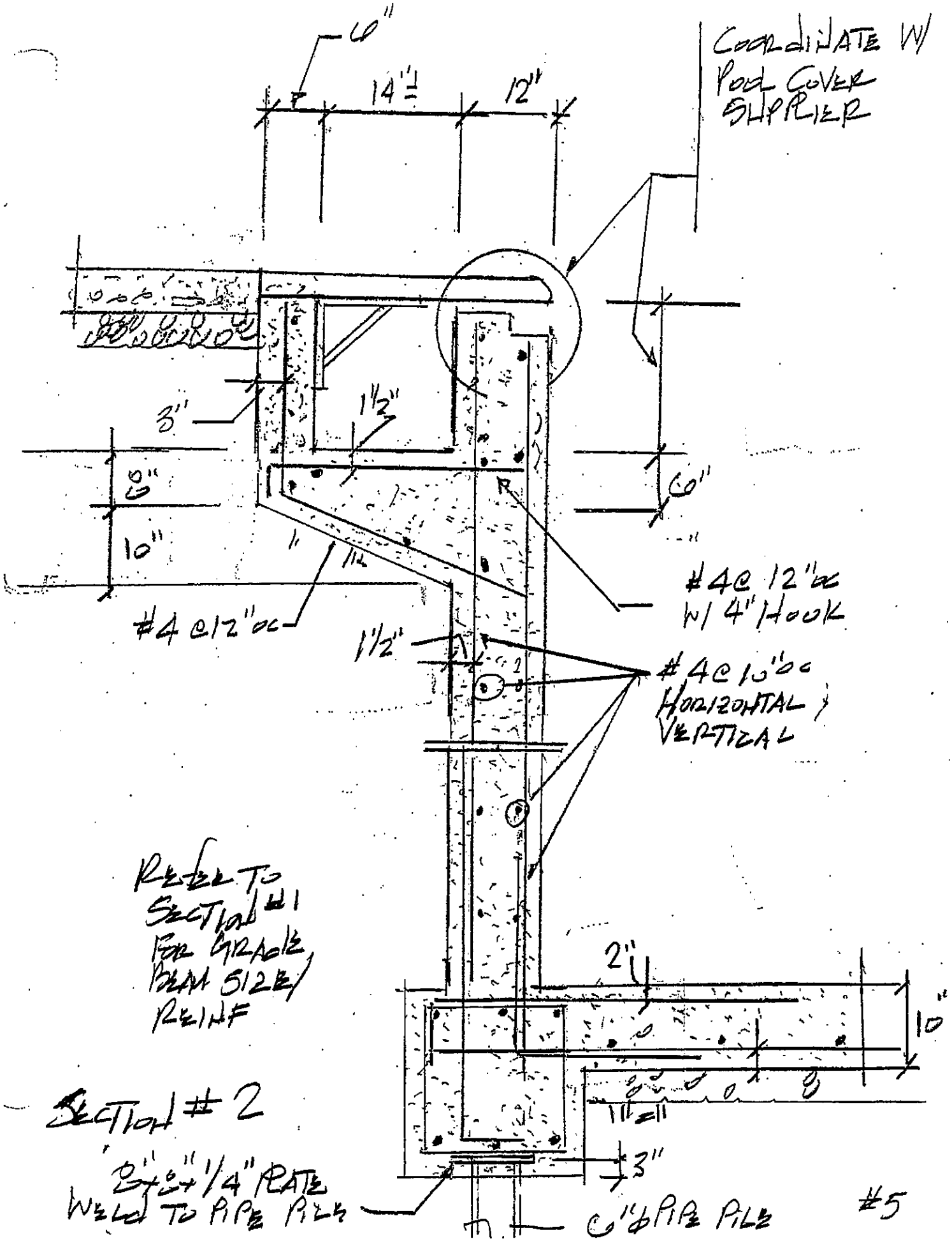
FOUNDATION: FOUNDATION DESIGN IS IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY GEOTECH CONSULTANTS DATED JUNE 8th, 2021.

PIPE PILING: PIPE PILING SHALL BE 6 INCH DIAMETER SCHEDULE 40 GALVANIZED ASTM A-53 GRADE "A" PILING DRIVEN TO REFUSAL WITH AN 3000 POUND HYDRAULIC HAMMER. THE DRIVING CRITERIA WILL BE DETERMINED BASED ON THE ACTUAL HAMMER SIZE SELECTED BY THE CONTRACTOR AND THE STATIC LOAD TEST PROGRAM NOTE BELOW. AT LEAST 3% OF THE PILES SHALL BE LOAD TESTED. ALL LOAD TEST SHALL BE PERFORMED IN ACORDANCE WITH THE PROCEDURE OUTLINED IN ASTM D1143. THE MAXIMUM TEST LOAD SHALL BE 2 TIMES THE DESIGN LOAD. PILE CAPACITY 15 TONS.

CONCRETE: CONCRETE SHALL HAVE A 28-DAY STRENGTH OF 3000 PSI. MINIMUM 5 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE AND A MAZIMUM OF 6 ¾ GALLONS OF WATER PER 94# SACK OF CEMENT.

REINFORCING STEEL: DEFORMED REINFORCEMENT CONFORMS TO ASTM GRADE 40 FOR #5 AND SMALLER REINFORCEMENT AND GRADE 60 FOR #6 AND LARGER REINFORCEMENT. ALL REINFORCING BAR BENDS SHALL BE MADE COLD, WITH A MINIMUM RADIUS OF 6 BAR DIAMETERS (1'-7" MINIMUM). CORNER BARS (2'-0" BEND) SHALL BE PROVIDED FOR ALL HORIZONTAL REINFORCEMENT. LAP ALL BARS A MINIMUM OF 48 BAR DIAMETERS UNLESS NOTED OTHERWISE. UNLESS NOTED OTHERWISE ON THE DRAWINGS REINFORCING STEEL SHALL HAVE THE FOLLOWING MINIMUM COVER:

CONCRETE CAST AGAINST EARTH	3 INCHES
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 THRU #18 BARS	2 INCHES
#5 AND SMALLER	1-1/2 INCHES
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	
#11 BAR AND SMALLER	¾ INCH



COORDINATE W/
POOL COVER
SUPPLIER

#4 @ 12" OC

#4 @ 12" OC
W/ 4" HOOK

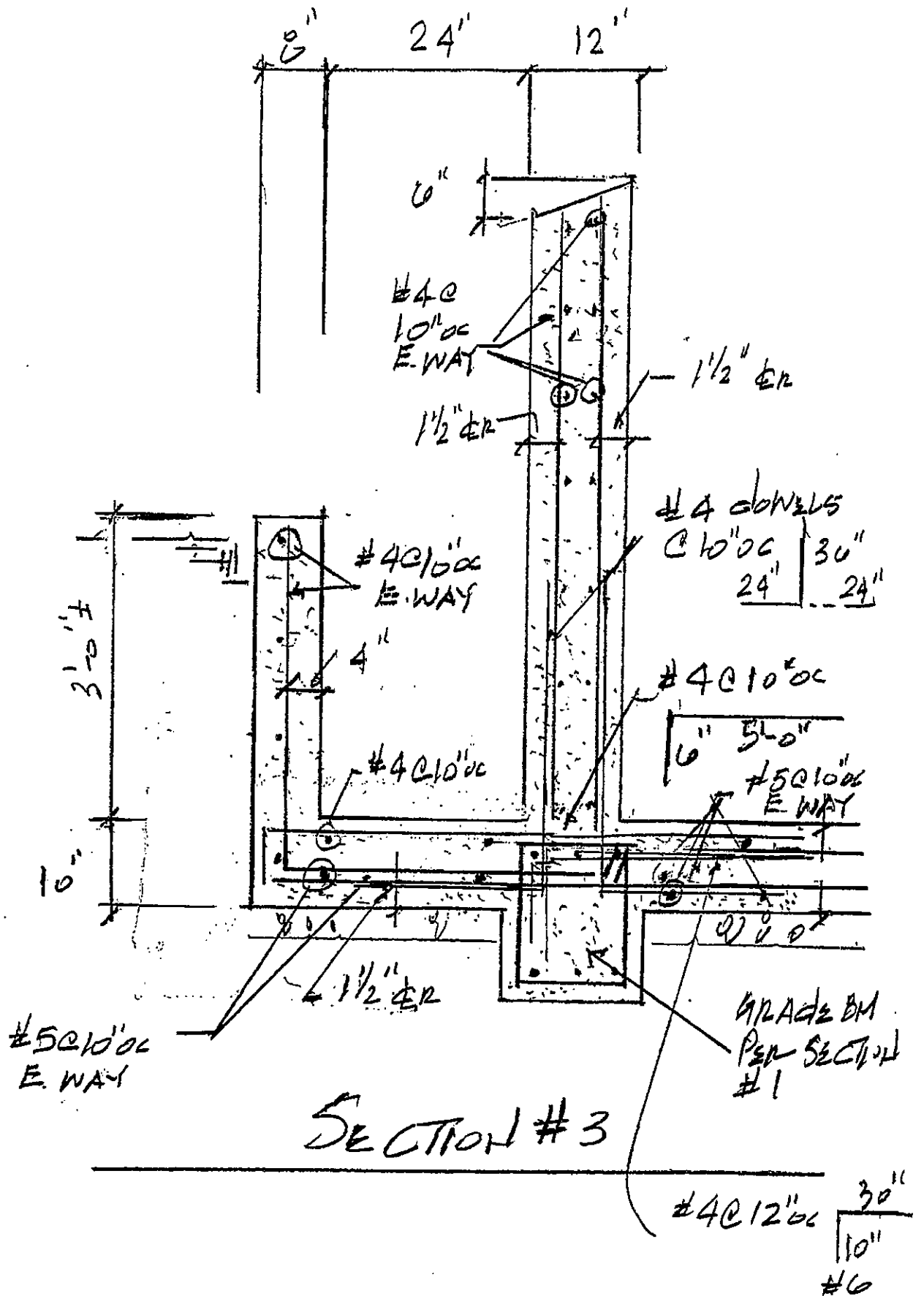
#4 @ 10" OC
HORIZONTAL
VERTICAL

REFER TO
SECTION #1
FOR GRADE,
BEAM SIZE/
REINF

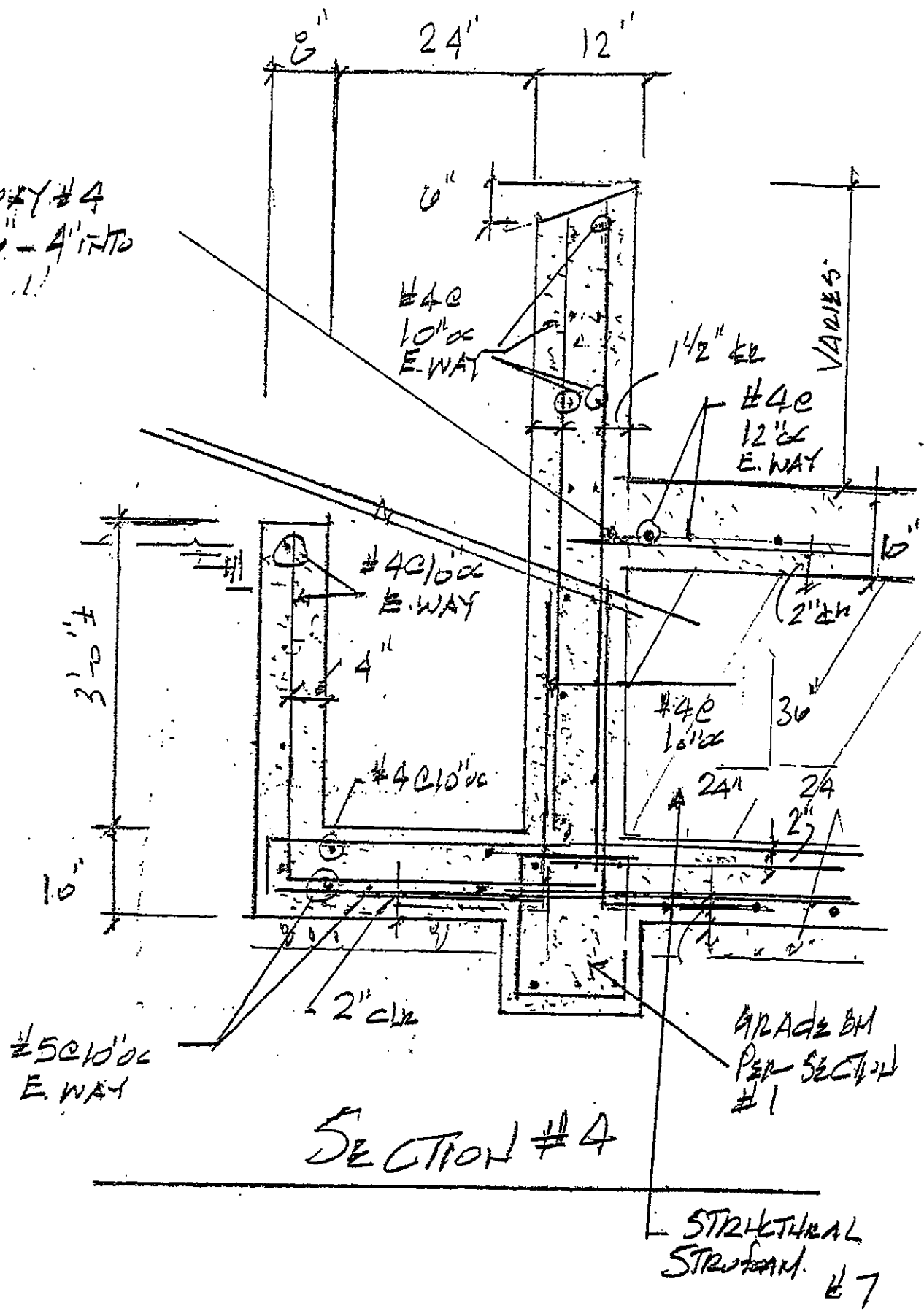
SECTION #2

2" x 1/4" PLATE
WELD TO PIPE PILE

6" PIPE PILE #5

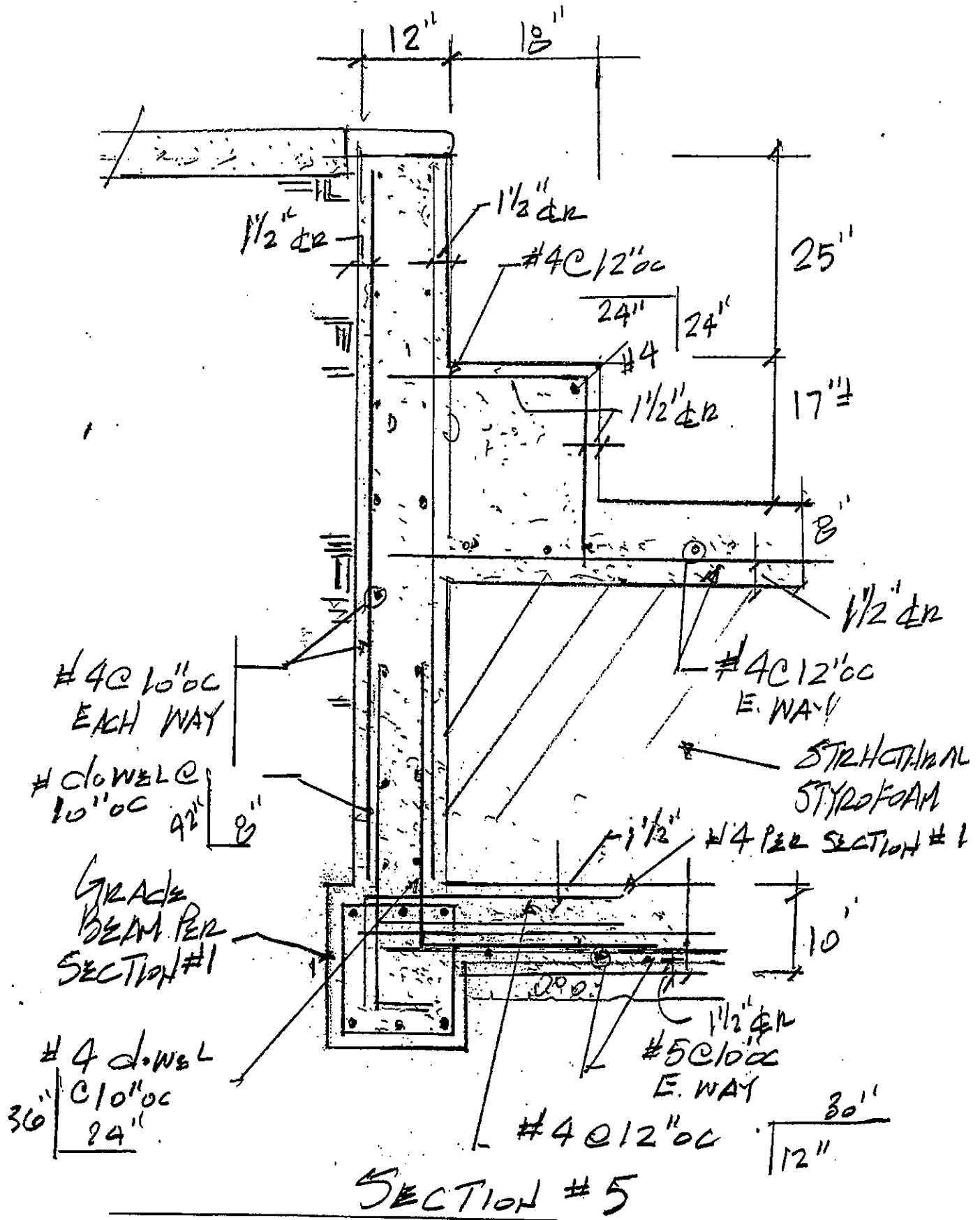


EPOXY #4
x 30" - 4" INTO
WALL !!



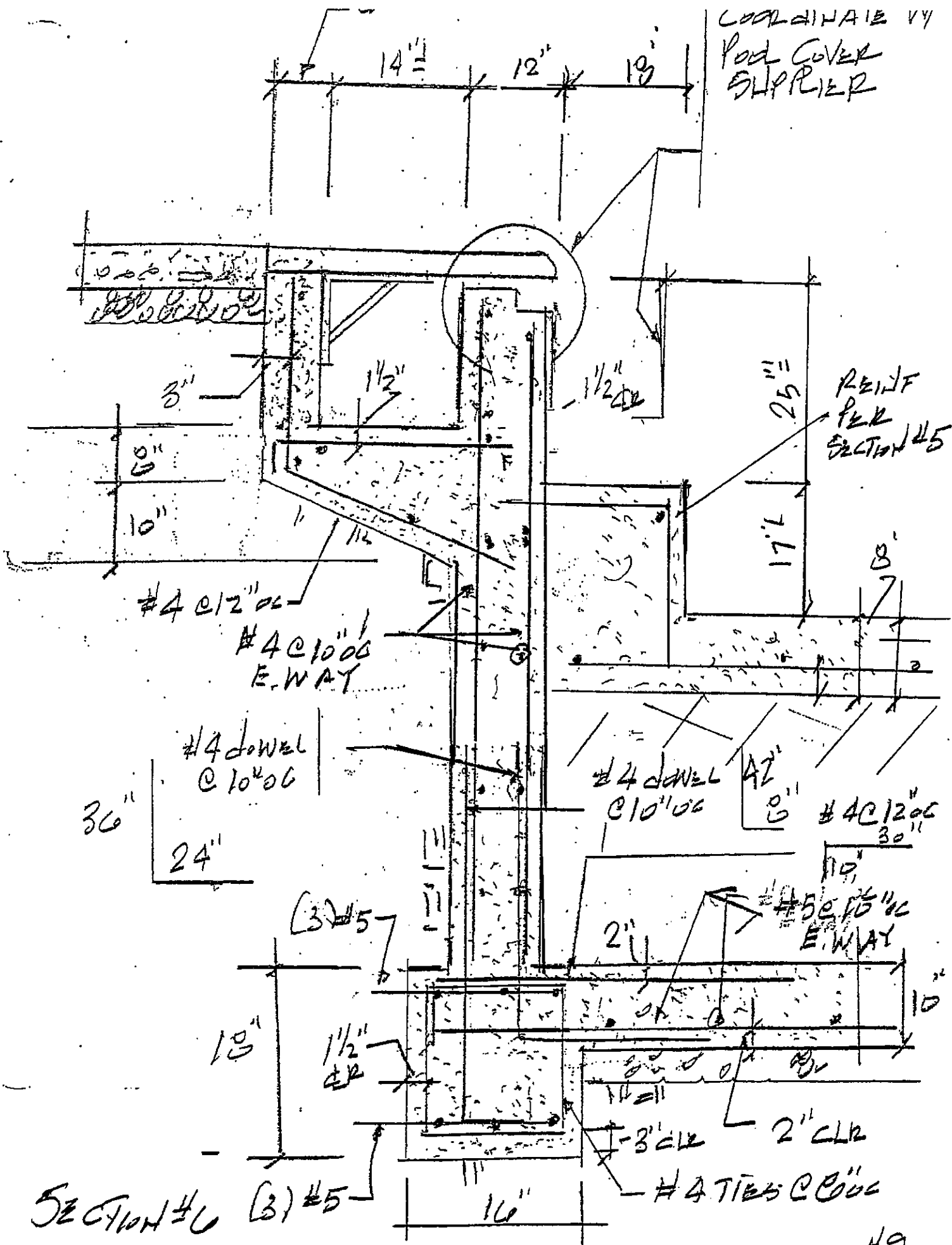
SECTION #4

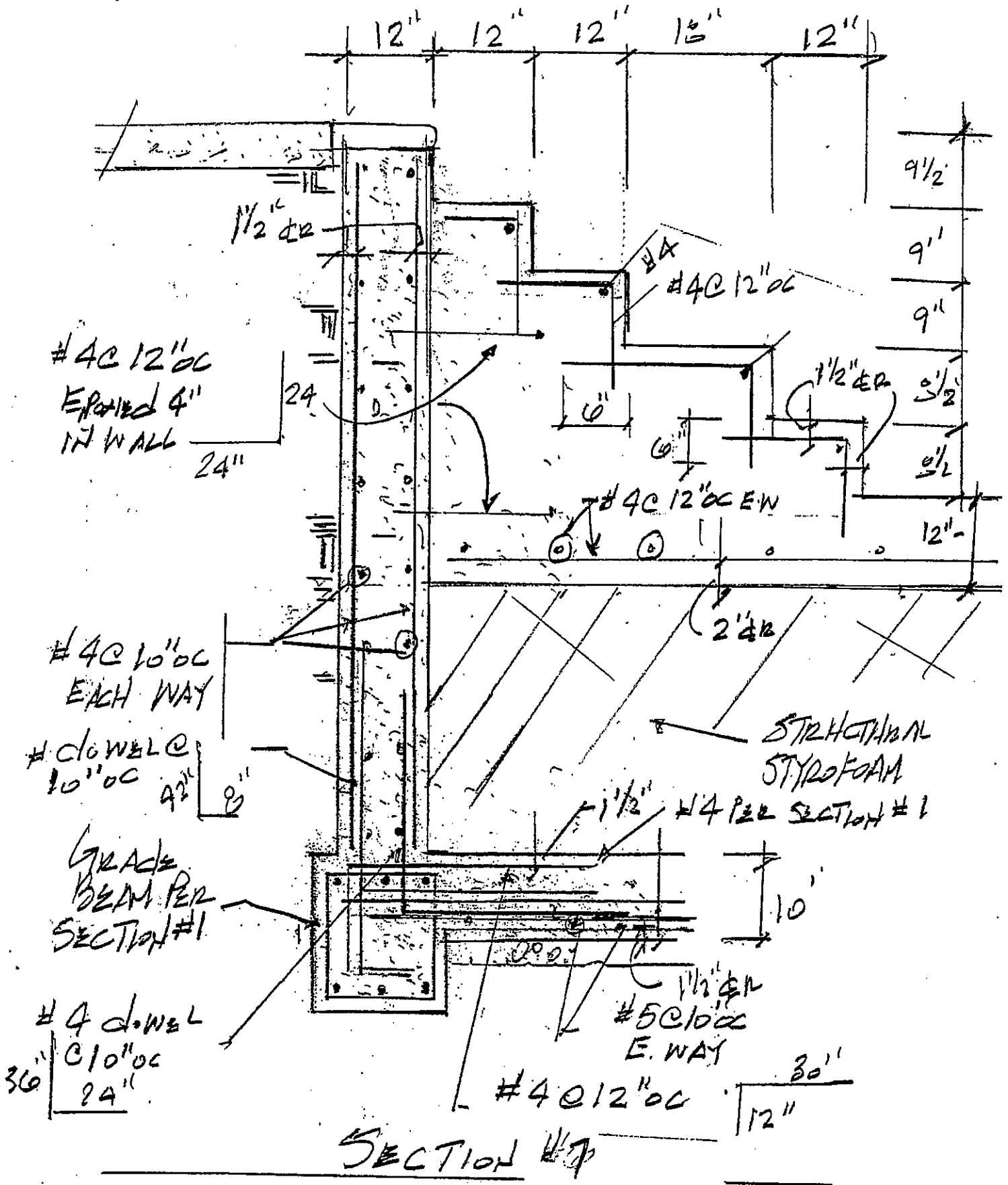
STRUCTURAL
STRIP #7

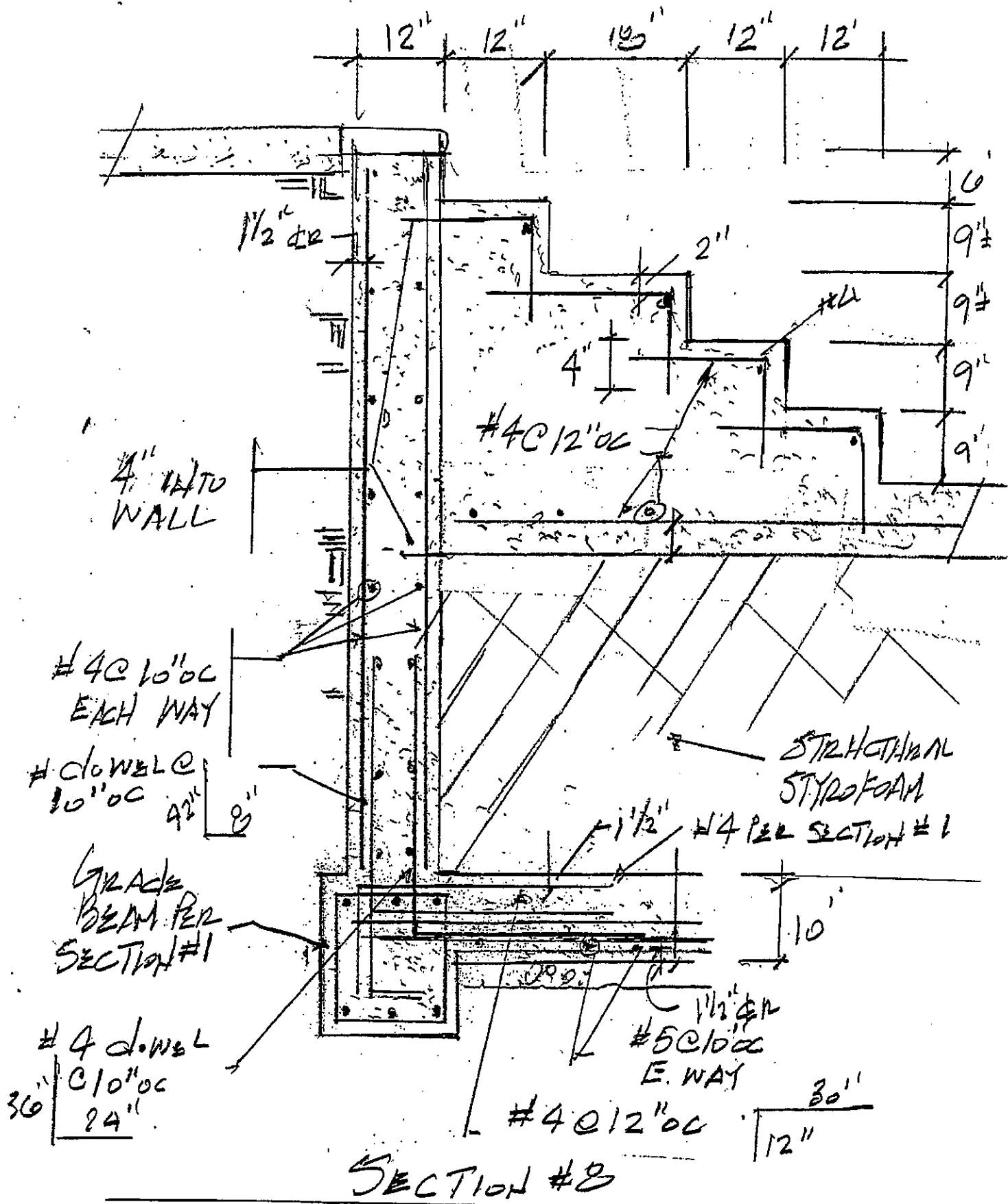


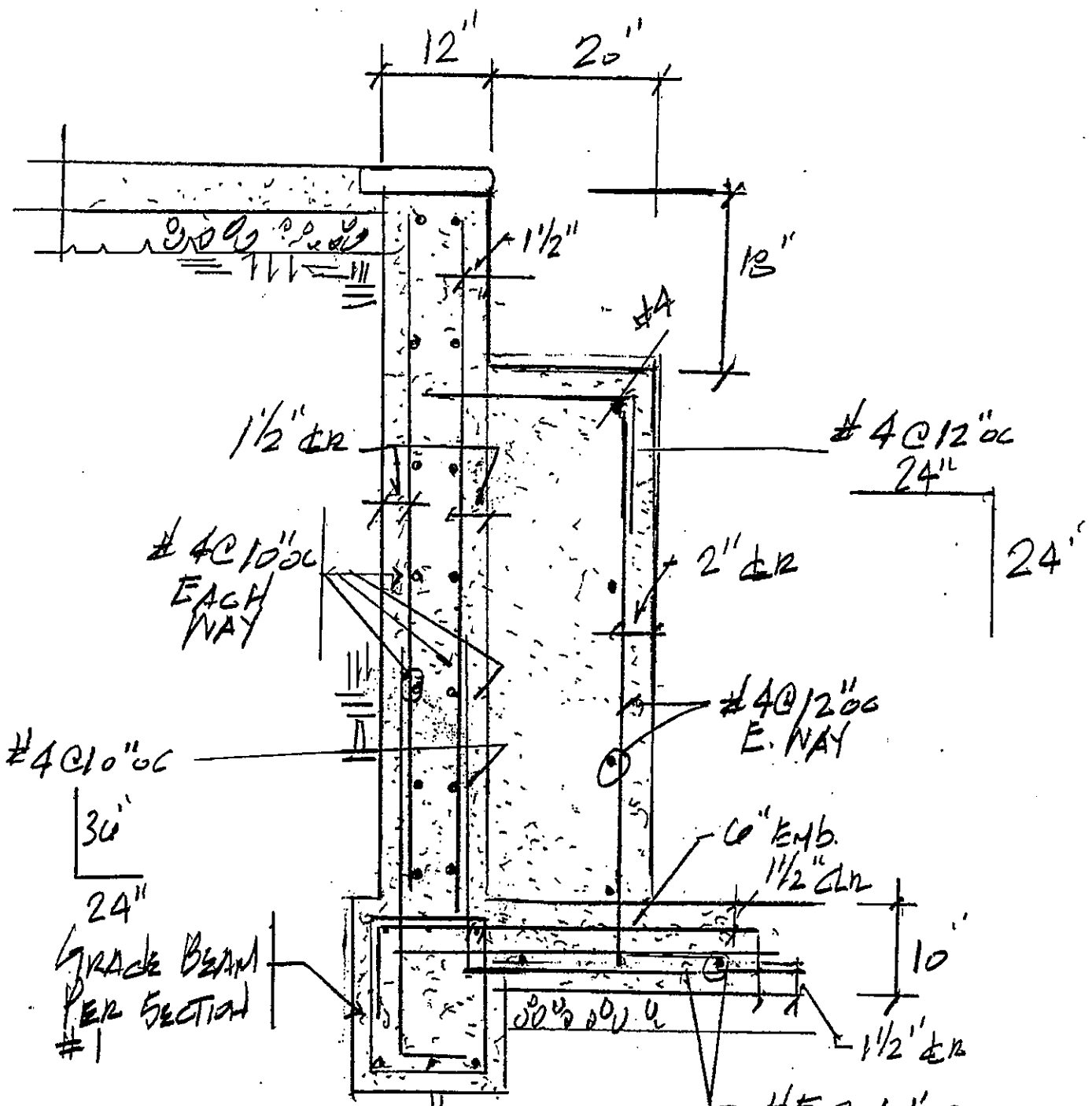
#8

COORDINATE VV
POD COVER
SUPPLIER



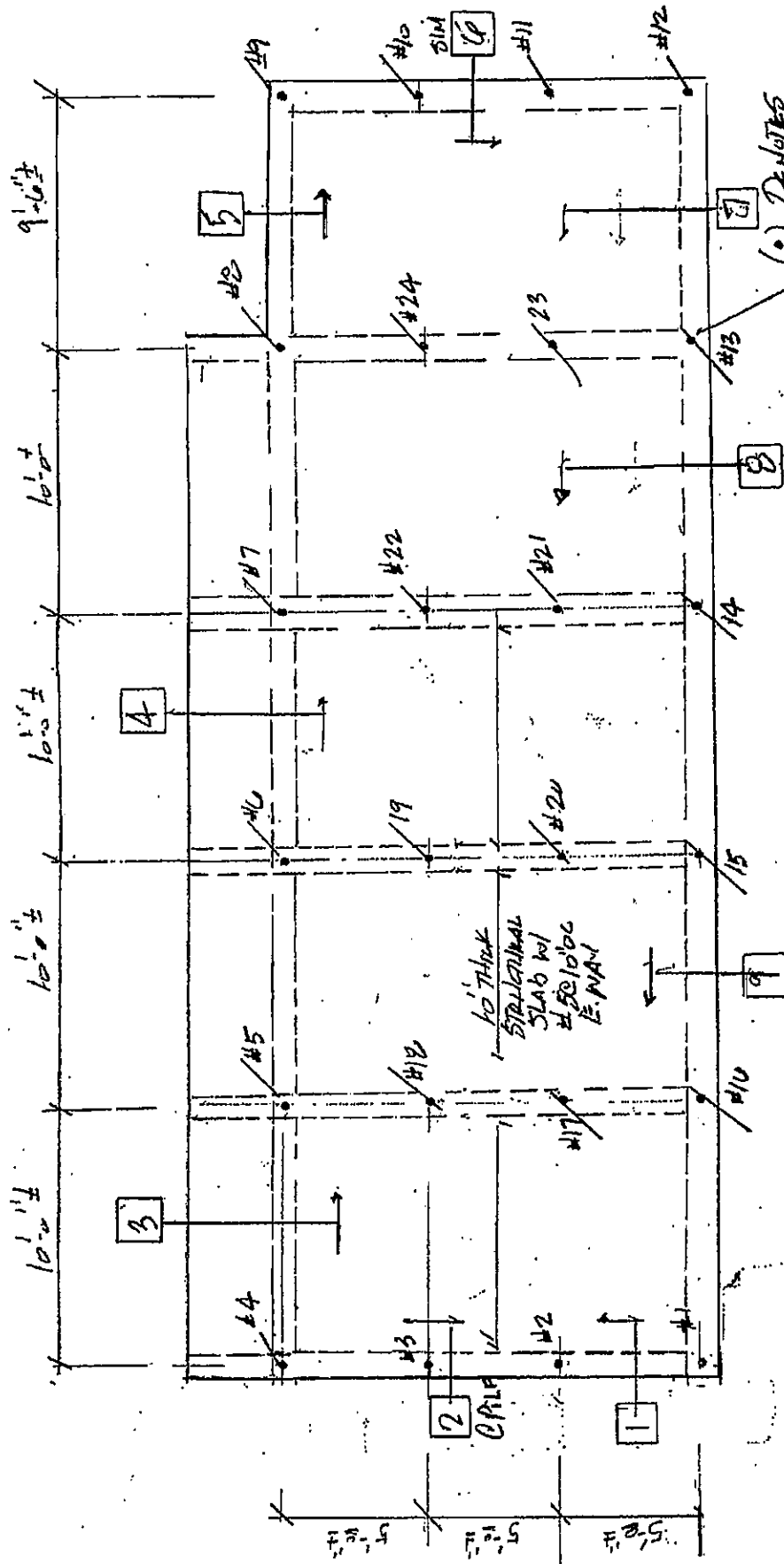




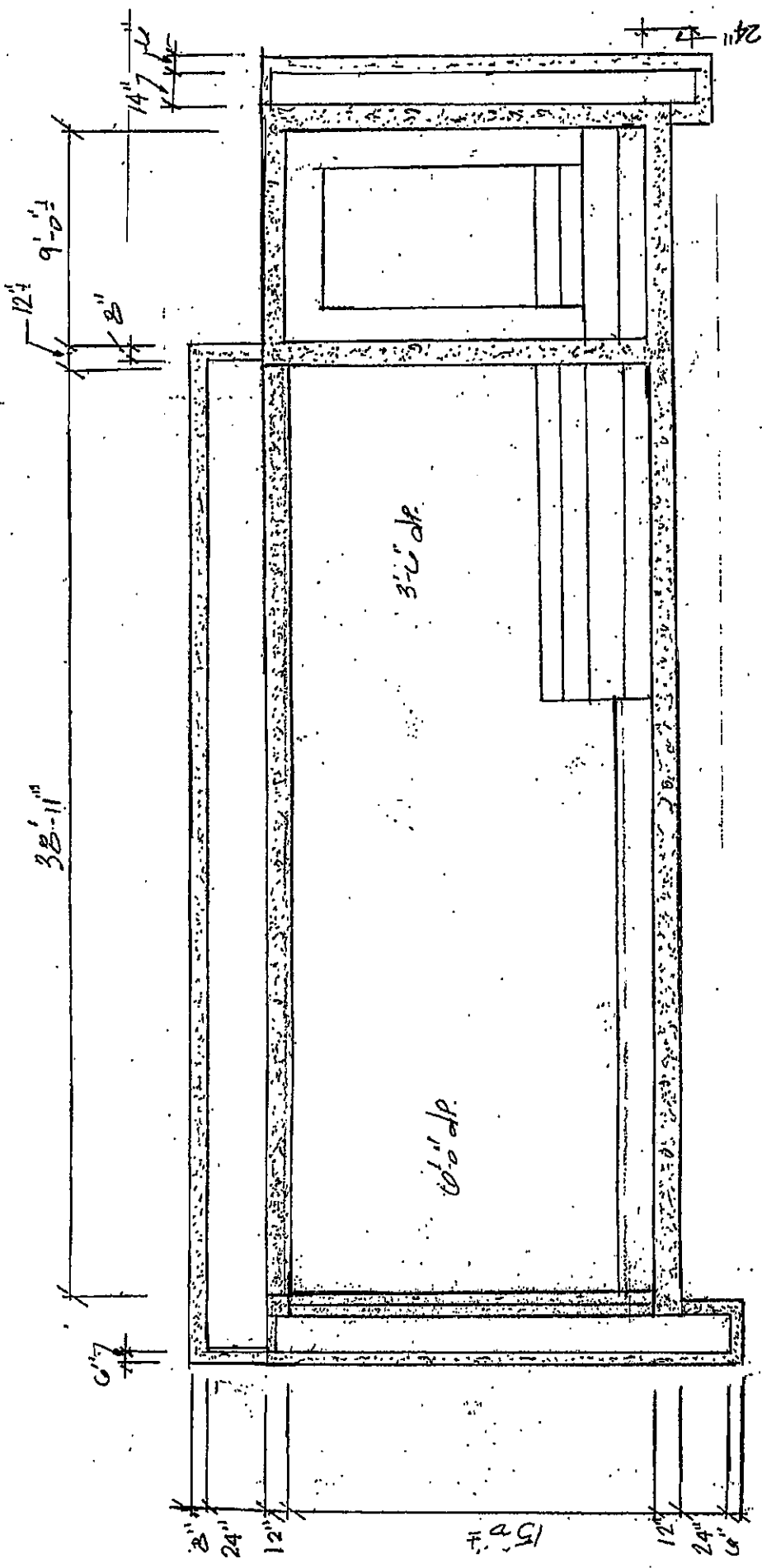


SECTION #9

#12/12



PIPE PILE PLAN. SCALE 1/4" = 1'-0"



POOL PLAN - SCALE 1/4" = 1'-0"

A2



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